

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020320\
 Data File : BF118797.D
 Acq On : 3 Feb 2020 14:07
 Operator : CG/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 03 14:40:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 14:01:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	313122	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1083783	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	614553	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	1139246	20.00	ng	0.00
76) Chrysene-d12	13.99	240	753574	20.00	ng	0.01
87) Perylene-d12	15.43	264	752201	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	2690767	159.60	ng	0.00
7) Phenol-d6	6.47	99	3333492	152.12	ng	0.02
23) Nitrobenzene-d5	7.40	82	3228078	166.60	ng	0.02
42) 2,4,6-Tribromophenol	10.66	330	1264930	177.96	ng	0.01
45) 2-Fluorobiphenyl	9.19	172	5139542	137.46	ng	0.01
79) Terphenyl-d14	12.94	244	6168736	178.54	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.55	88	665795	81.534	ng	100
3) Pyridine	3.30	79	1885365	81.917	ng	100
4) n-Nitrosodimethylamine	3.26	42	702220	71.166	ng	97
6) Aniline	6.50	93	2172081	75.278	ng	98
8) 2-Chlorophenol	6.62	128	1505740	79.570	ng	99
9) Benzaldehyde	6.37	77	721342	54.128	ng	99
10) Phenol	6.49	94	1850594	74.106	ng	84
11) bis(2-Chloroethyl)ether	6.57	93	1473562	79.532	ng	98
12) 1,3-Dichlorobenzene	6.77	146	1801030	81.314	ng	98
13) 1,4-Dichlorobenzene	6.84	146	1784745	80.272	ng	97
14) 1,2-Dichlorobenzene	7.00	146	1537901	73.580	ng	95
15) Benzyl Alcohol	6.97	79	1285510	73.976	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1775160	68.785	ng	97
17) 2-Methylphenol	7.08	107	1322047	83.872	ng	98
18) Hexachloroethane	7.34	117	669062	82.988	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	1074431	72.616	ng	98
20) 3+4-Methylphenols	7.25	107	1317268	68.447	ng	90
22) Acetophenone	7.24	105	1984602	77.301	ng	# 94
24) Nitrobenzene	7.42	77	1588317	80.057	ng	95
25) Isophorone	7.66	82	3022384	85.520	ng	98
26) 2-Nitrophenol	7.72	139	918587	108.573	ng	96
27) 2,4-Dimethylphenol	7.76	122	1204036	82.414	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	1859026	81.637	ng	100
29) 2,4-Dichlorophenol	7.97	162	1403035	86.873	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	1585280	84.656	ng	98
31) Naphthalene	8.13	128	4047516	82.673	ng	97
32) Benzoic acid	7.94	122	1164525	106.208	ng	100
33) 4-Chloroaniline	8.18	127	1990869	87.981	ng	99
34) Hexachlorobutadiene	8.25	225	979002	85.849	ng	98
35) Caprolactam	8.59	113	402122	76.084	ng	97
36) 4-Chloro-3-methylphenol	8.67	107	1434531	89.948	ng	100
37) 2-Methylnaphthalene	8.82	142	2886744	83.534	ng	95
38) 1-Methylnaphthalene	8.82	142	2886744	87.927	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	1531603	79.651	ng	99

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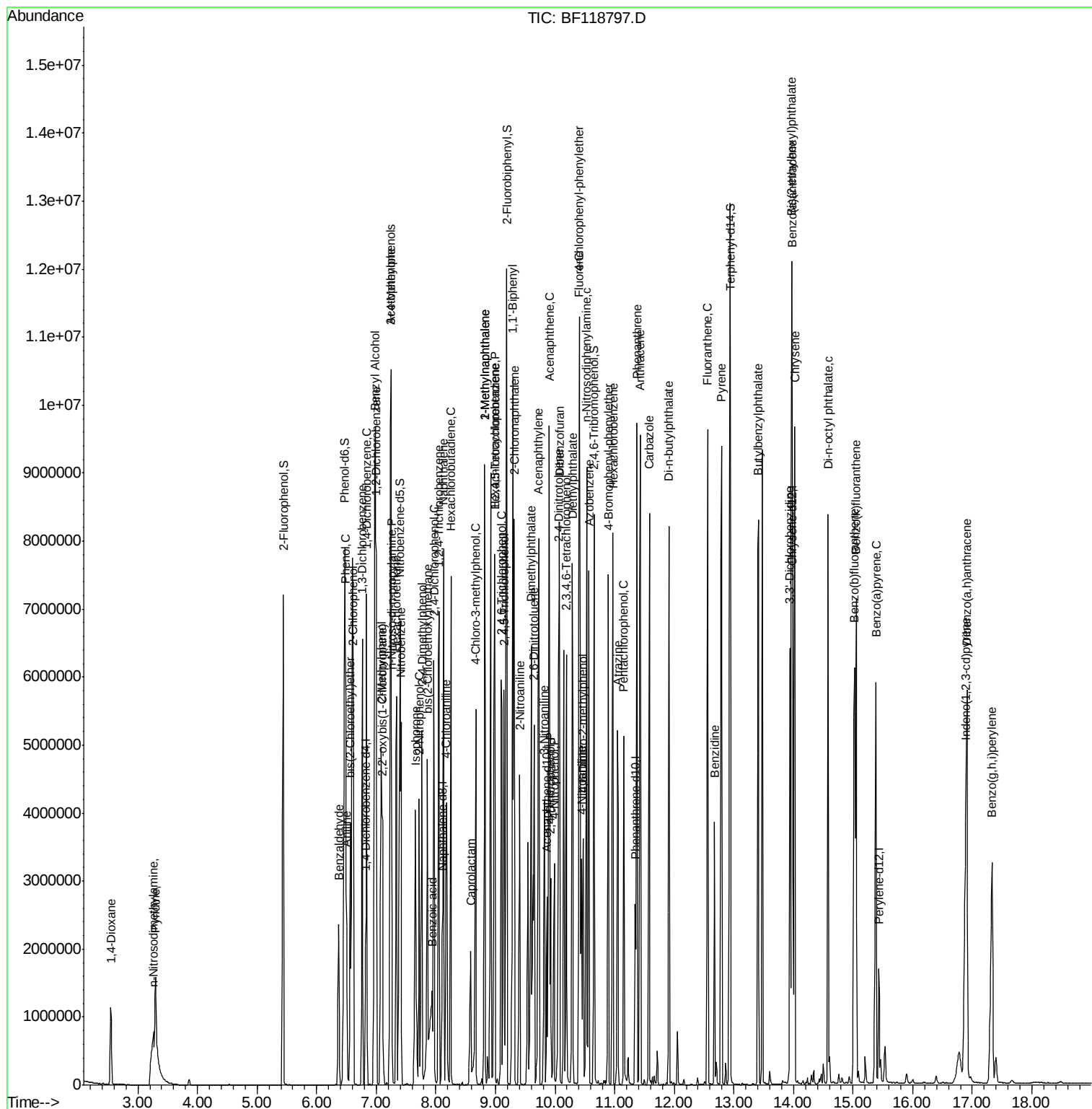
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	759366	78.272	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	1112591	87.194	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	1136669	87.223	nq	97
46) 1,1'-Biphenyl	9.29	154	3372612	79.627	nq	97
47) 2-Chloronaphthalene	9.32	162	2932554	82.145	nq	97
48) 2-Nitroaniline	9.41	65	958195	87.314	nq	98
49) Acenaphthylene	9.73	152	4170302	83.036	nq	96
50) Dimethylphthalate	9.60	163	3695576	92.299	nq	99
51) 2,6-Dinitrotoluene	9.65	165	877249	97.844	nq	94
52) Acenaphthene	9.90	154	2831480	84.314	nq	98
53) 3-Nitroaniline	9.83	138	973612	95.100	nq	99
54) 2,4-Dinitrophenol	9.93	184	501383	140.075	nq	95
55) Dibenzofuran	10.07	168	3653138	78.496	nq	94
56) 4-Nitrophenol	9.99	139	731833	94.692	nq	93
57) 2,4-Dinitrotoluene	10.06	165	1120195	99.109	nq	# 84
58) Fluorene	10.42	166	2733927	74.829	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	957360	83.523	nq	97
60) Diethylphthalate	10.29	149	3419295	88.079	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	1490979	75.033	nq	94
62) 4-Nitroaniline	10.45	138	987204	94.006	nq	97
63) Azobenzene	10.57	77	2896218	77.034	nq	93
65) 4,6-Dinitro-2-methylphenol	10.47	198	650410	129.834	nq	90
66) n-Nitrosodiphenylamine	10.53	169	2787212	81.125	nq	97
67) 4-Bromophenyl-phenylether	10.89	248	1161858	82.548	nq	95
68) Hexachlorobenzene	10.97	284	1324818	83.022	nq	98
69) Atrazine	11.05	200	815274	68.463	nq	99
70) Pentachlorophenol	11.16	266	750913	84.638	nq	99
71) Phenanthrene	11.37	178	4347564	79.101	nq	96
72) Anthracene	11.43	178	4307534	79.205	nq	96
73) Carbazole	11.58	167	3944961	79.083	nq	96
74) Di-n-butylphthalate	11.91	149	4681267	84.466	nq	# 96
75) Fluoranthene	12.56	202	4675243	80.650	nq	95
77) Benzidine	12.67	184	1419844	70.517	nq	# 95
78) Pyrene	12.79	202	4718718	92.233	nq	95
80) Butylbenzylphthalate	13.41	149	2250796	107.497	nq	97
81) Benzo(a)anthracene	13.98	228	3845188	84.824	nq	97
82) 3,3'-Dichlorobenzidine	13.94	252	1503908	93.104	nq	99
83) Chrysene	14.02	228	3829297	88.140	nq	96
84) Bis(2-ethylhexyl)phthalate	13.97	149	2617545	102.325	nq	98
85) Di-n-octyl phthalate	14.58	149	4473211	118.138	nq	97
86) Indeno(1,2,3-cd)pyrene	16.89	276	4086973	108.264	nq	99
88) Benzo(b)fluoranthene	15.02	252	4593053	97.143	nq	99
89) Benzo(k)fluoranthene	15.06	252	3243510	74.046	nq	98
90) Benzo(a)pyrene	15.39	252	3586130	87.925	nq	99
91) Dibenzo(a,h)anthracene	16.91	278	3250161	90.087	nq	99
92) Benzo(g,h,i)perylene	17.33	276	3340921	95.374	nq	99

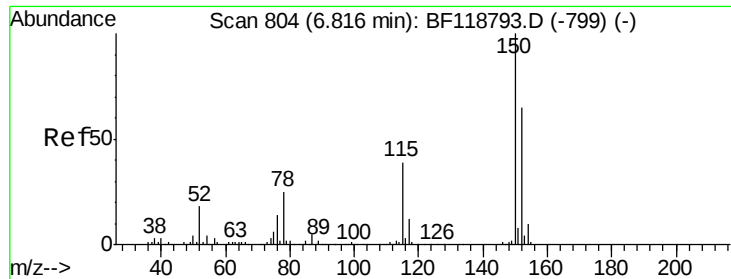
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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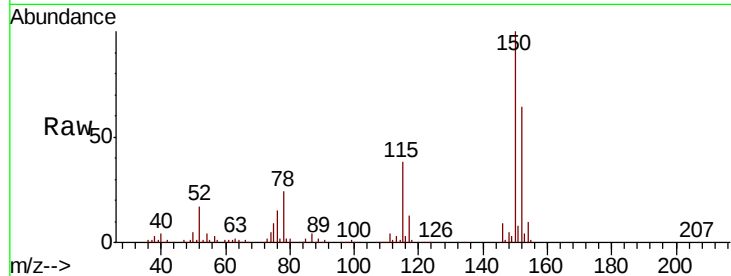


#1

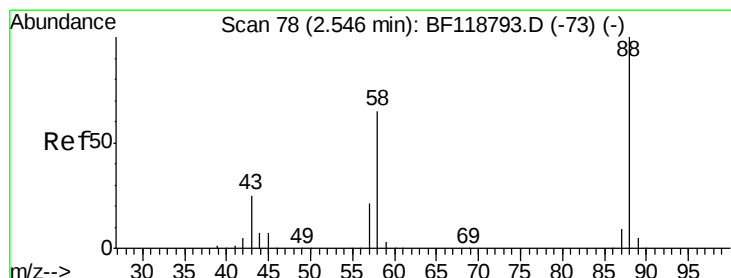
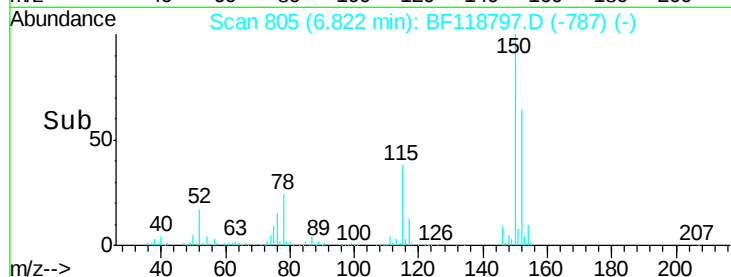
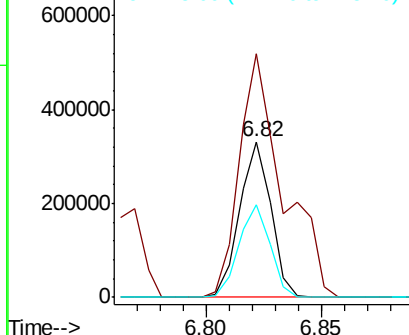
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 313122
Ion Ratio Lower Upper
152 100
150 156.8 123.6 185.4
115 59.3 48.2 72.2



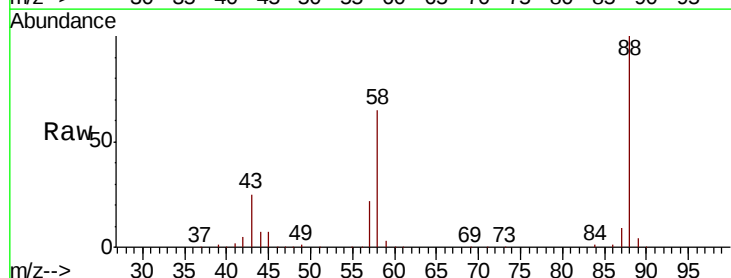
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



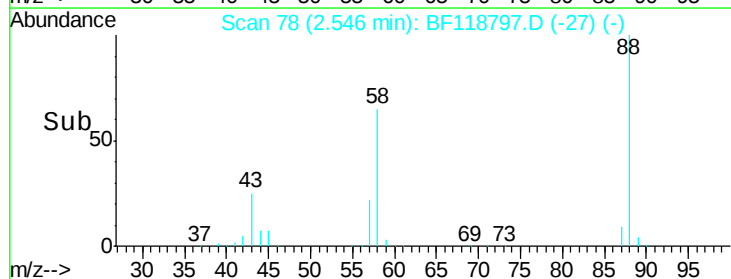
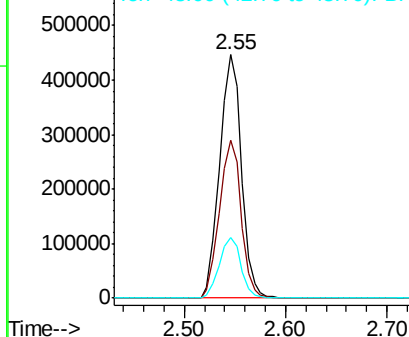
#2

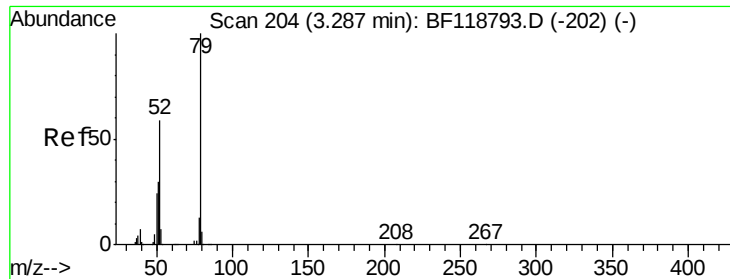
1,4-Dioxane
Concen: 81.534 ng
RT: 2.55 min Scan# 78
Delta R.T. -0.00 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Tgt Ion: 88 Resp: 665795
Ion Ratio Lower Upper
88 100
58 64.8 51.6 77.4
43 24.8 19.8 29.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 81.917 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

Instrument :

BNA_F

ClientSampleId :

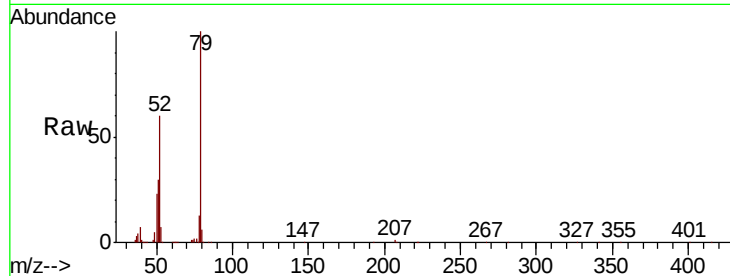
Tot Ion: 79 Resp: 1885365

Ion Ratio Lower Upper

79 100

52 59.6 47.4 71.0

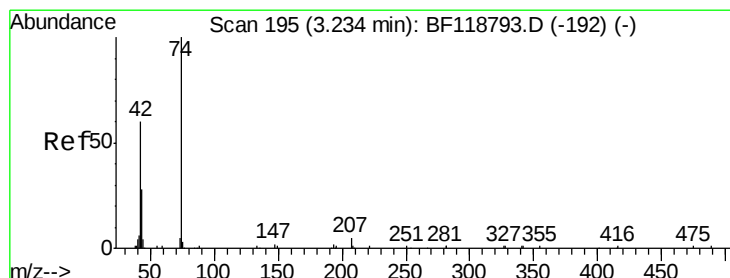
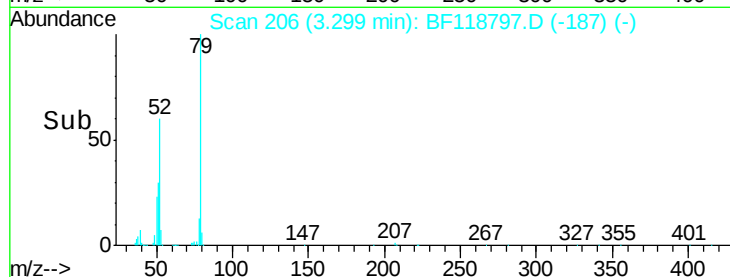
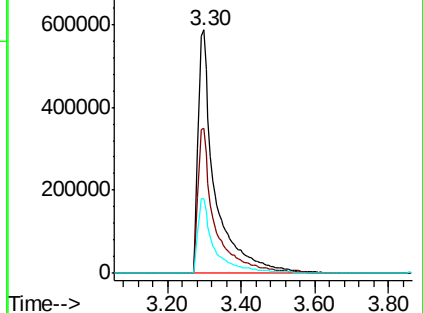
51 30.5 24.2 36.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 71.166 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.03 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

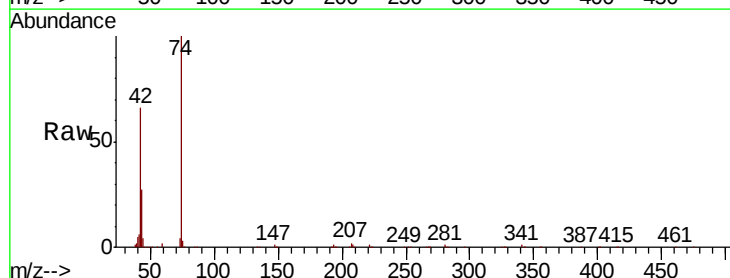
Tgt Ion: 42 Resp: 702220

Ion Ratio Lower Upper

42 100

74 151.7 124.3 186.5

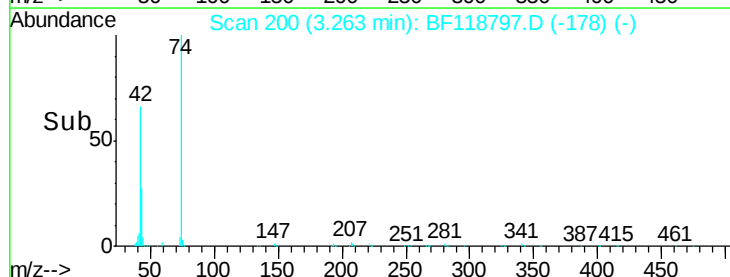
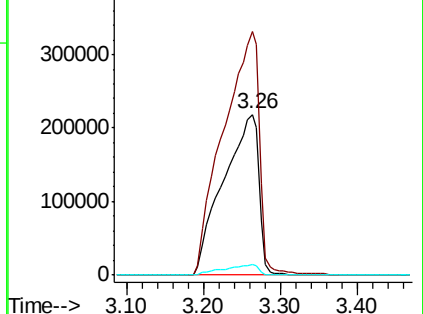
44 6.5 5.3 7.9

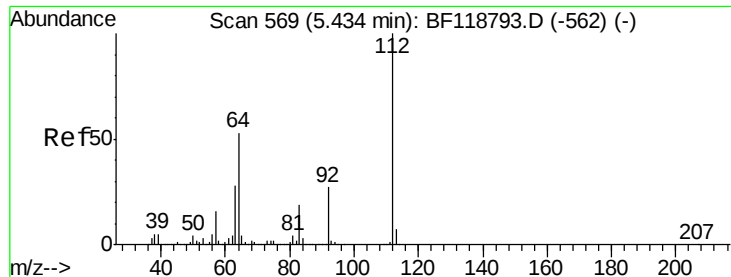


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 159.600 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

Instrument :

BNA_F

ClientSampled :

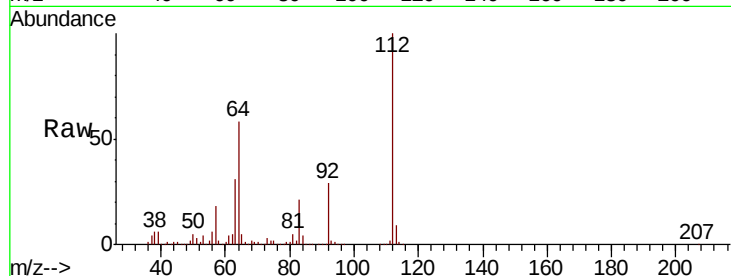
Tot Ion:112 Resp: 2690767

Ion Ratio Lower Upper

112 100

64 58.4 42.6 63.8

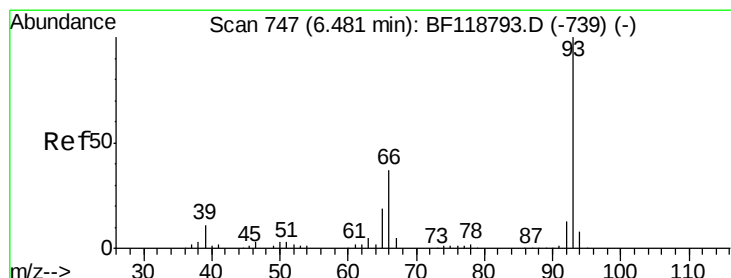
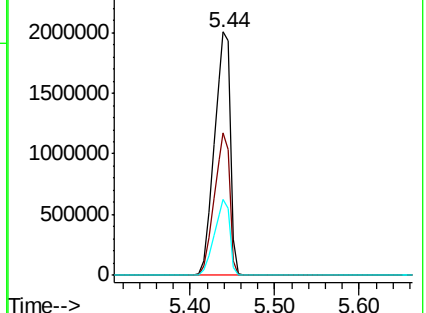
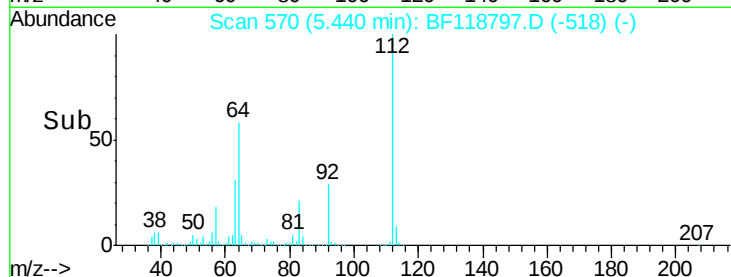
63 31.2 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 75.278 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.02 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

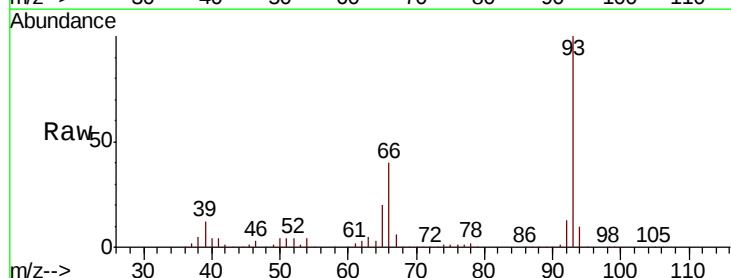
Tgt Ion: 93 Resp: 2172081

Ion Ratio Lower Upper

93 100

66 39.8 30.8 46.2

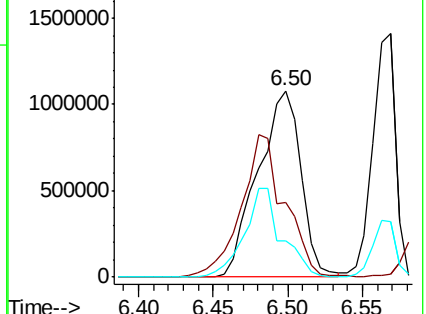
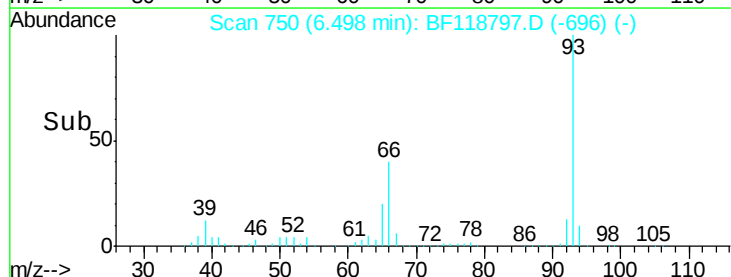
65 19.8 15.4 23.0

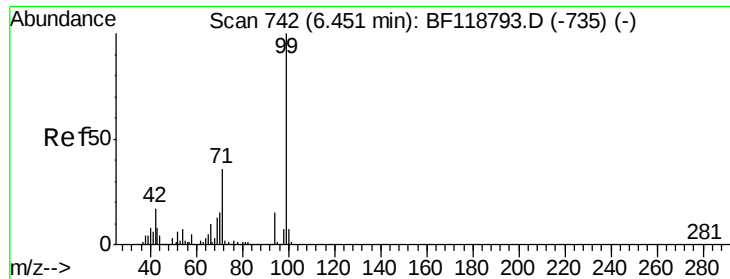


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 152.125 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.02 min

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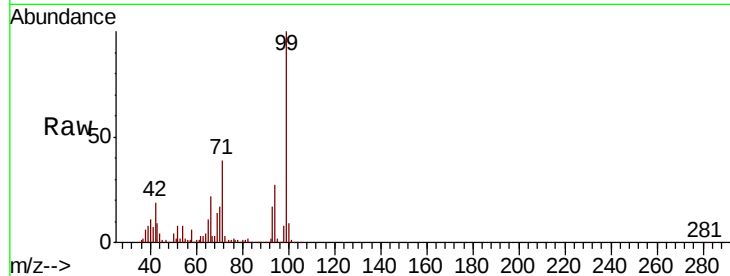
Tot Ion: 99 Resp: 3333492

Ion Ratio Lower Upper

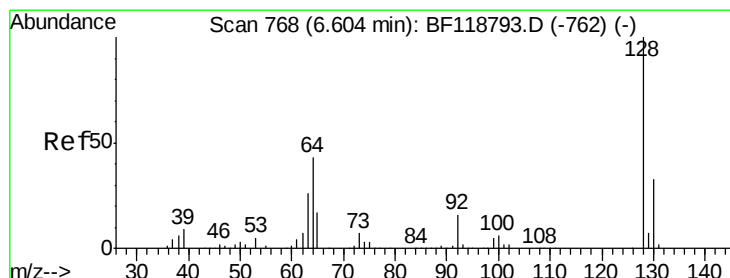
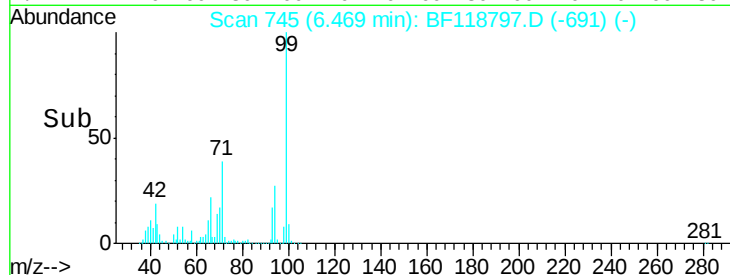
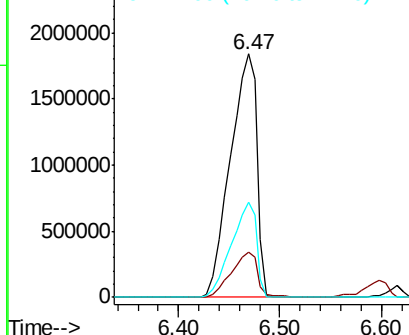
99 100

42 18.7 13.4 20.0

71 39.1 29.0 43.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 79.570 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

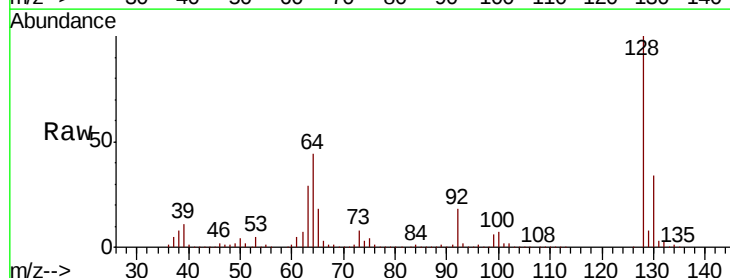
Tgt Ion: 128 Resp: 1505740

Ion Ratio Lower Upper

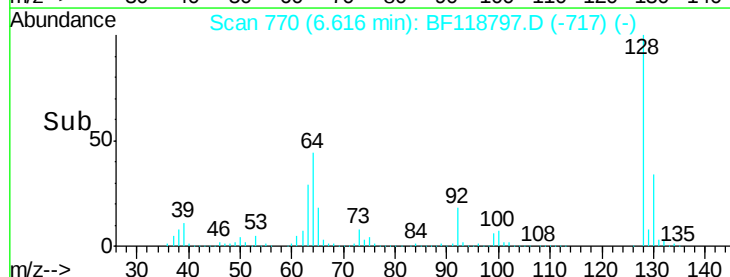
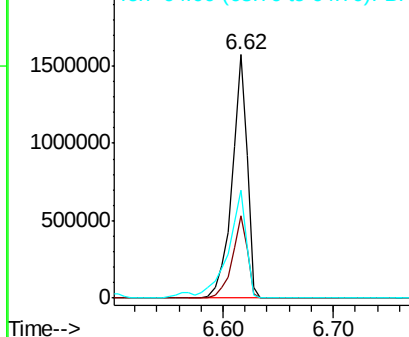
128 100

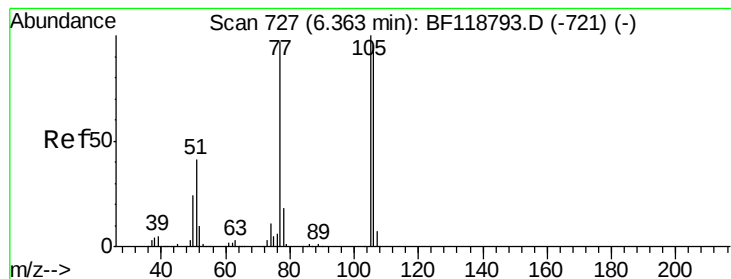
130 33.6 13.1 53.1

64 44.1 23.0 63.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 54.128 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

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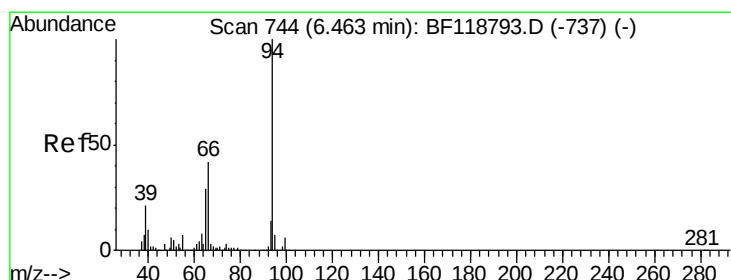
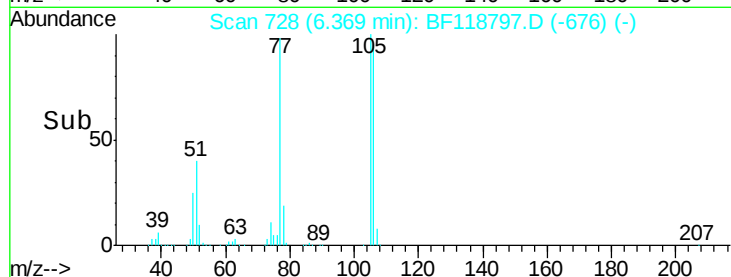
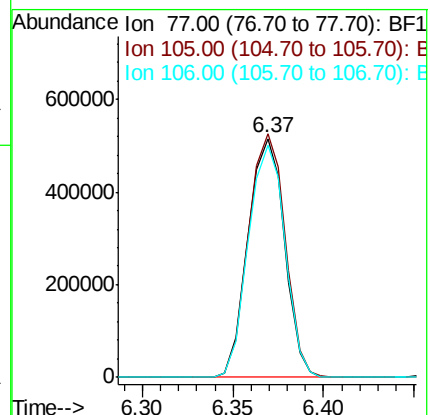
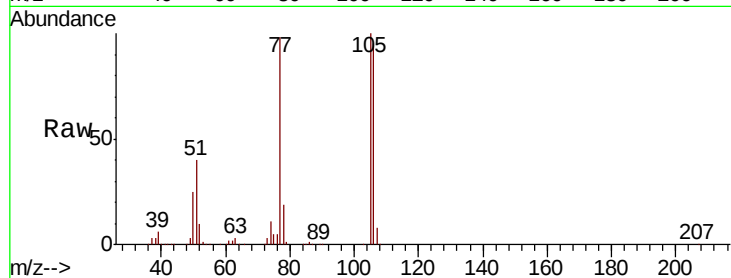
Tot Ion: 77 Resp: 721342

Ion Ratio Lower Upper

77 100

105 102.1 82.8 122.8

106 97.2 78.1 118.1



#10

Phenol

Concen: 74.106 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.02 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

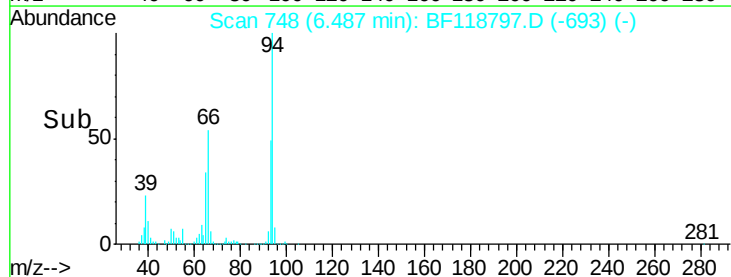
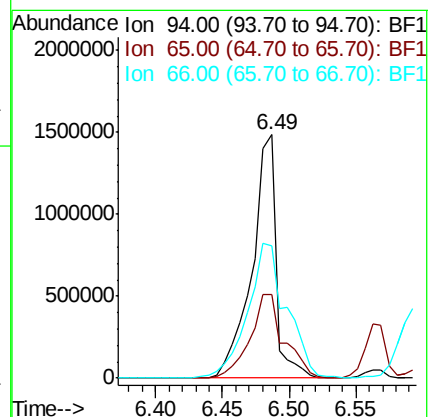
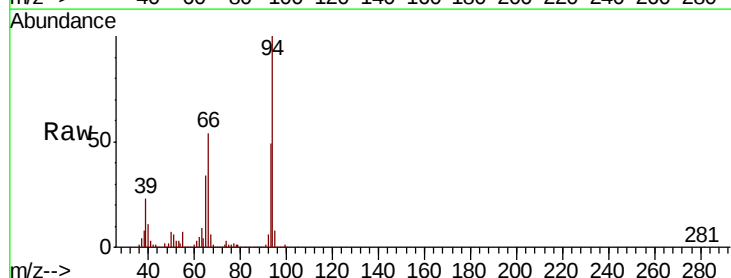
Tgt Ion: 94 Resp: 1850594

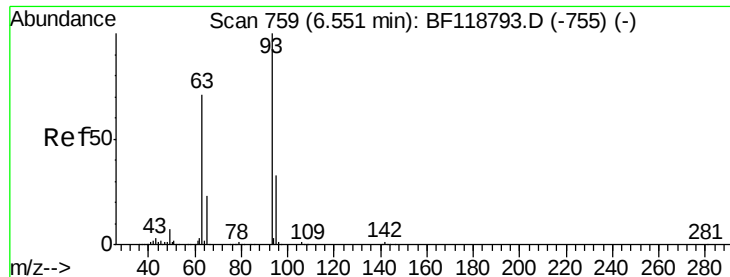
Ion Ratio Lower Upper

94 100

65 34.4 9.1 49.1

66 54.1 21.7 61.7



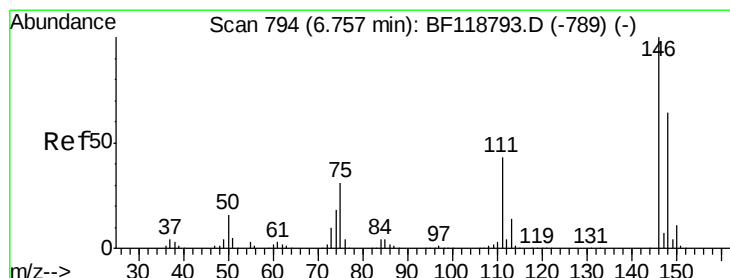
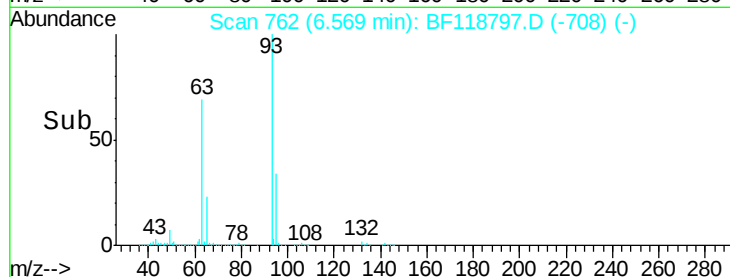
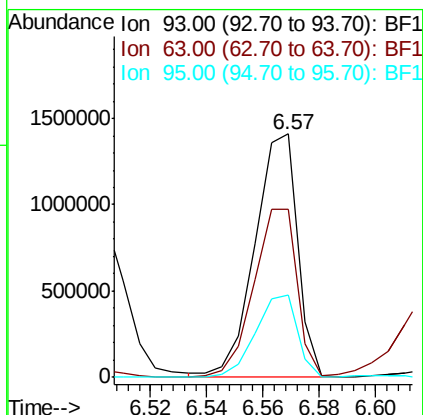
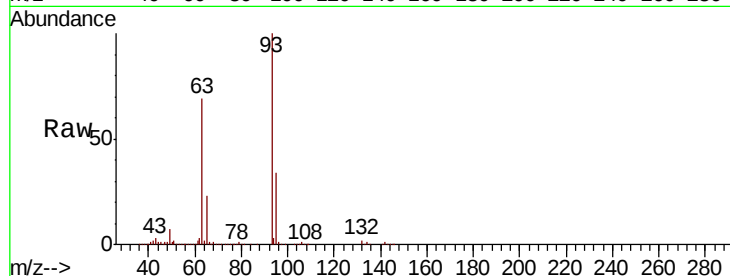


#11

bis(2-Chloroethyl)ether
Concen: 79.532 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.02 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Instrument :
BNA_F
ClientSampleId :

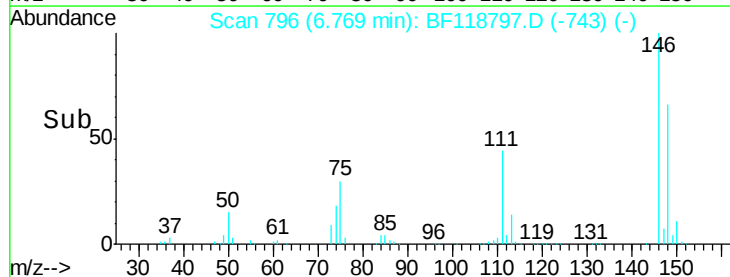
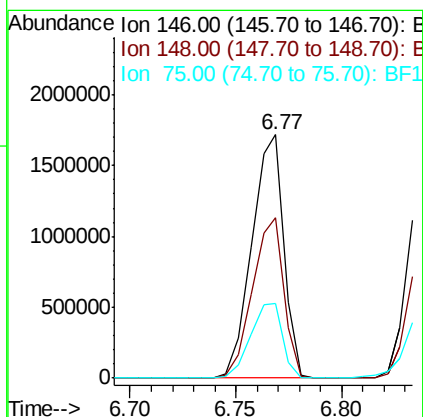
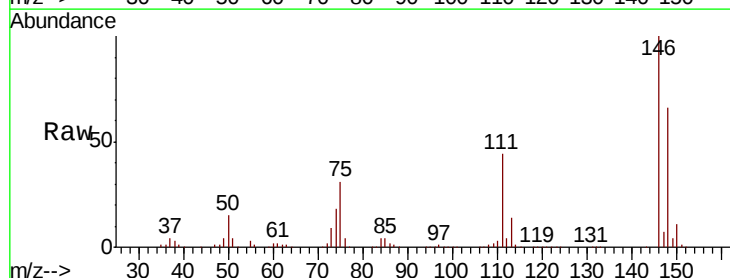
Tot Ion: 93 Resp: 1473562
Ion Ratio Lower Upper
93 100
63 69.0 50.7 90.7
95 33.7 12.6 52.6

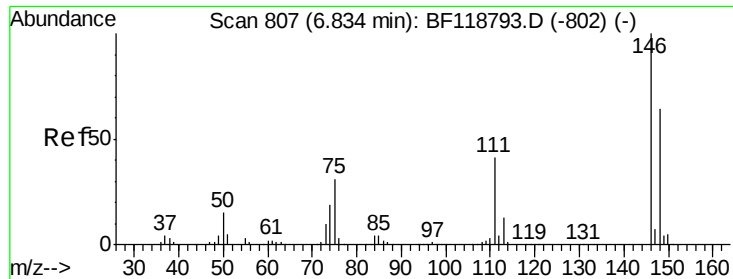


#12

1,3-Dichlorobenzene
Concen: 81.314 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Tgt Ion: 146 Resp: 1801030
Ion Ratio Lower Upper
146 100
148 65.8 51.1 76.7
75 30.5 25.0 37.4

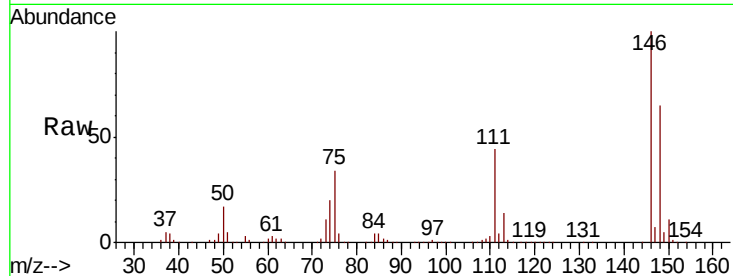




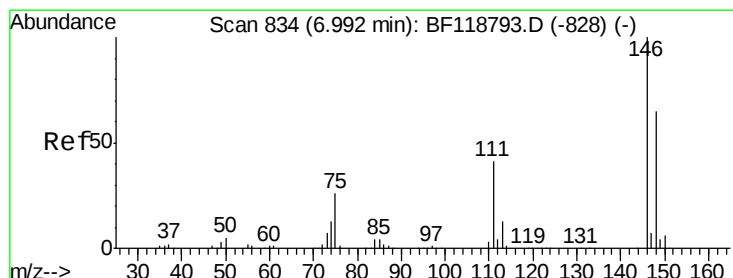
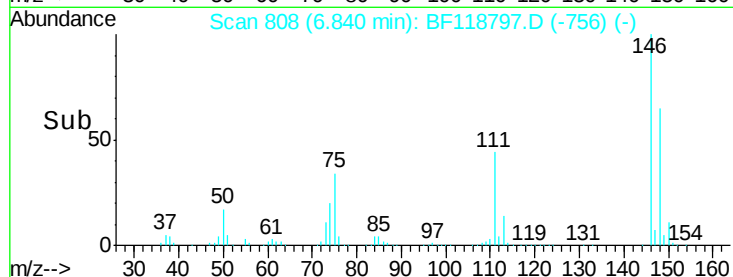
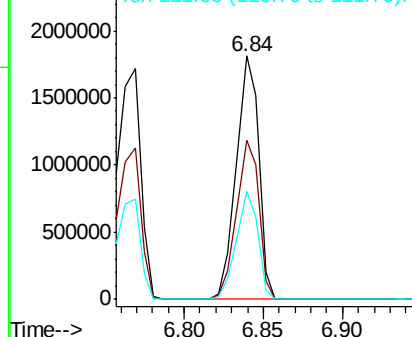
#13
1,4-Dichlorobenzene
Concen: 80.272 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 1784745
Ion Ratio Lower Upper
146 100
148 65.2 51.6 77.4
111 44.3 32.9 49.3

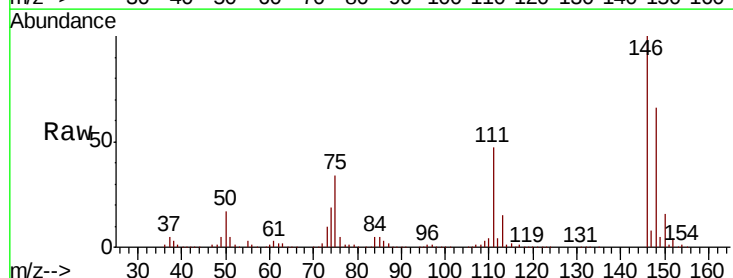


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

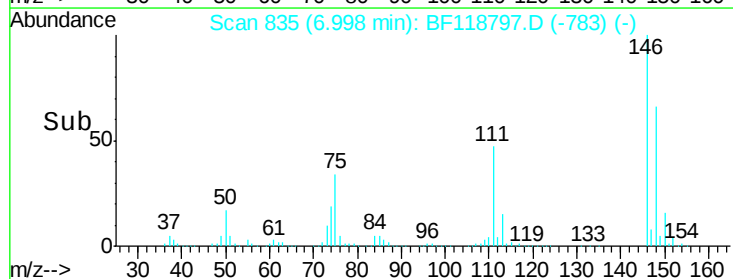
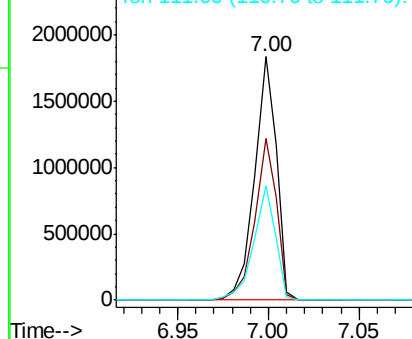


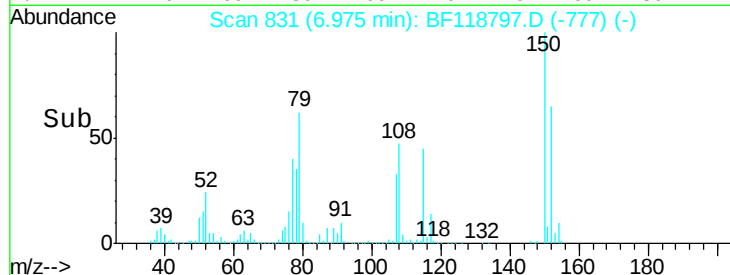
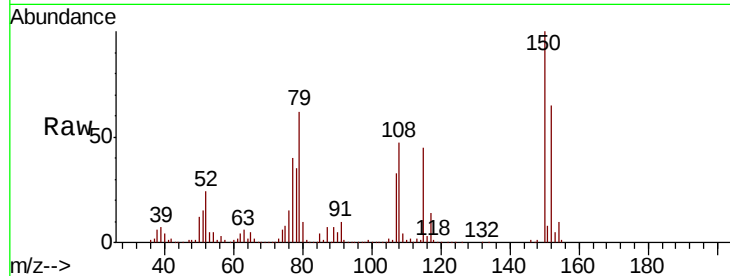
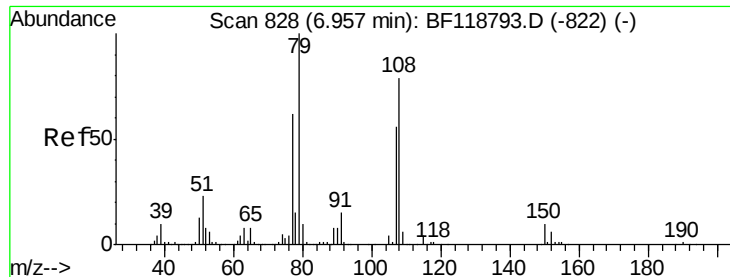
#14
1,2-Dichlorobenzene
Concen: 73.580 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Tgt Ion:146 Resp: 1537901
Ion Ratio Lower Upper
146 100
148 66.5 51.6 77.4
111 47.2 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 73.976 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.02 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

Instrument :

BNA_F

ClientSampled :

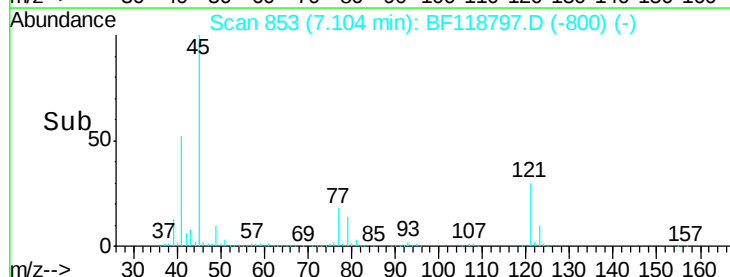
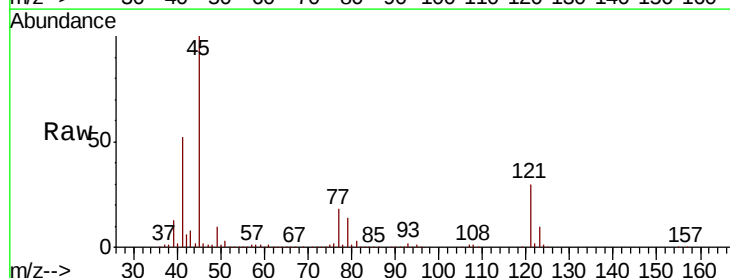
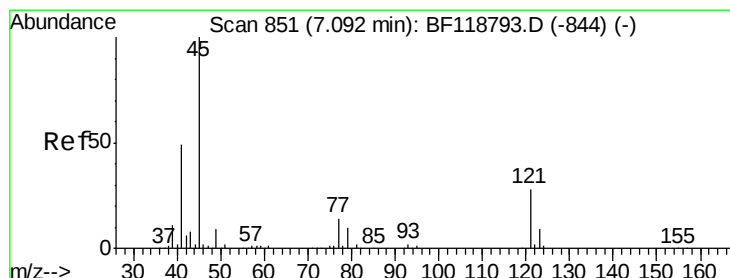
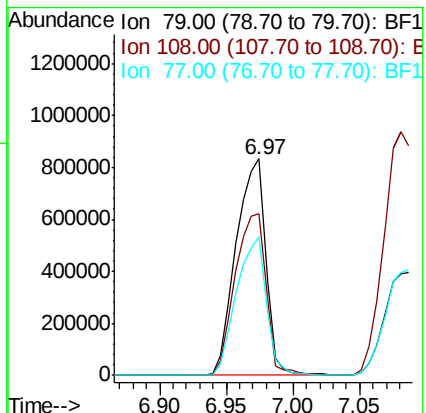
Tot Ion: 79 Resp: 1285510

Ion Ratio Lower Upper

79 100

108 75.0 62.9 94.3

77 64.2 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 68.785 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

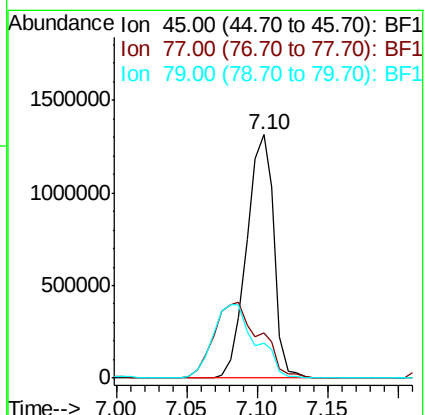
Tgt Ion: 45 Resp: 1775160

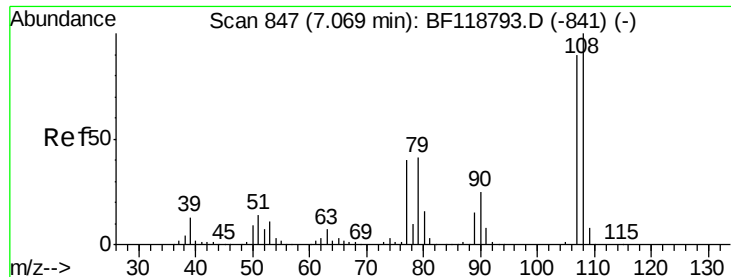
Ion Ratio Lower Upper

45 100

77 18.4 0.0 37.1

79 14.2 0.0 33.1

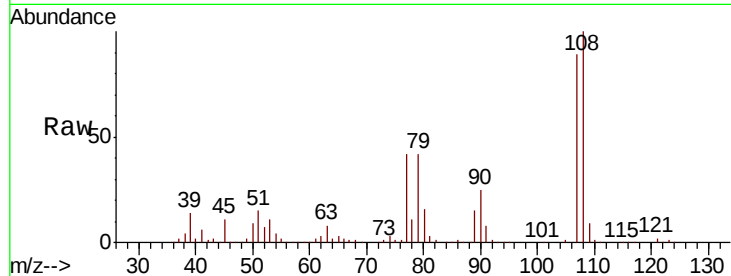




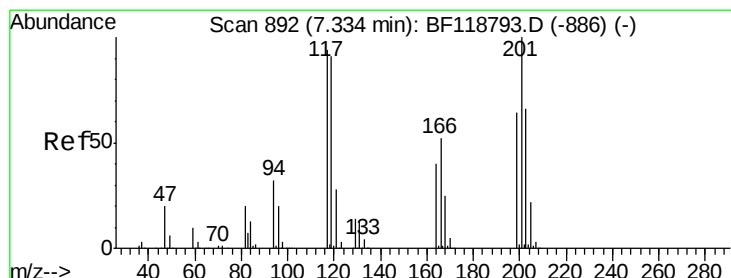
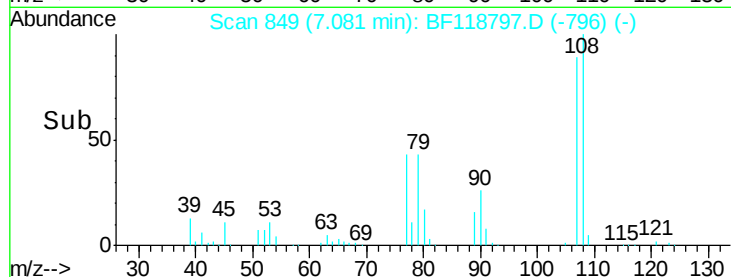
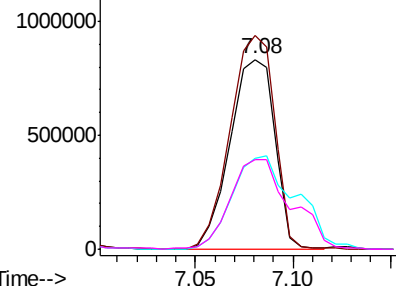
#17
2-Methylphenol
Concen: 83.872 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 1322047
Ion Ratio Lower Upper
107 100
108 112.4 89.3 133.9
77 47.6 36.2 54.2
79 47.2 36.3 54.5

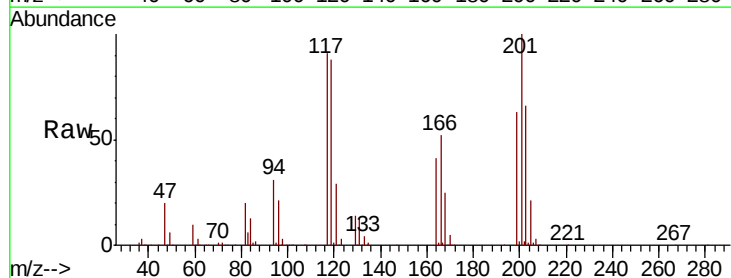


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

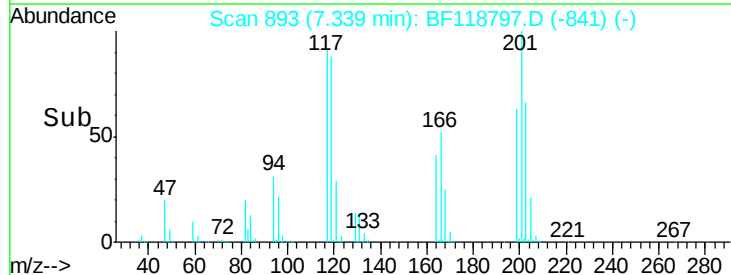
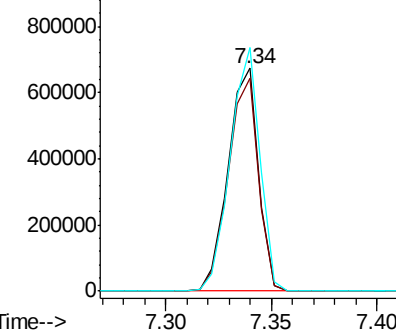


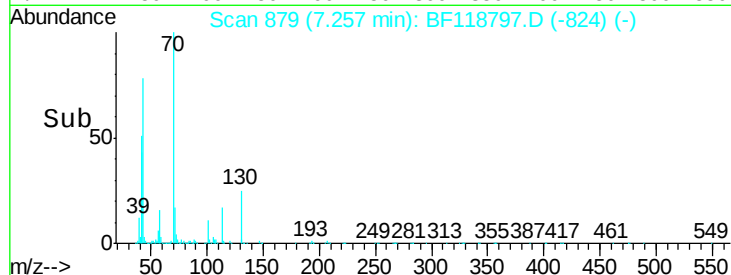
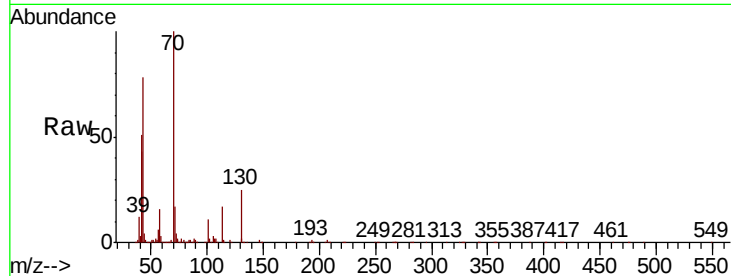
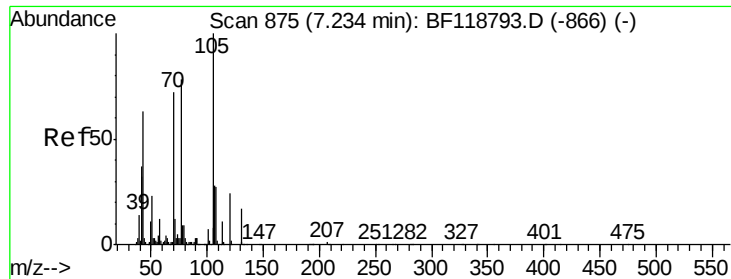
#18
Hexachloroethane
Concen: 82.988 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Tgt Ion:117 Resp: 669062
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.0
201 109.3 85.1 127.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

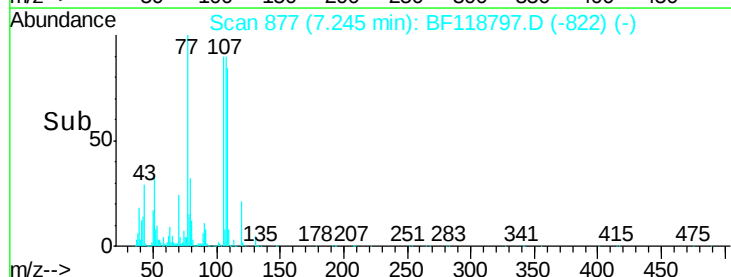
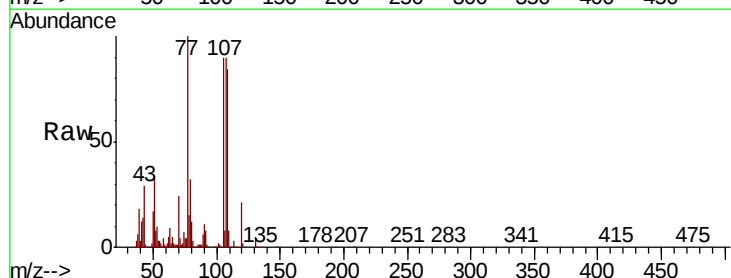
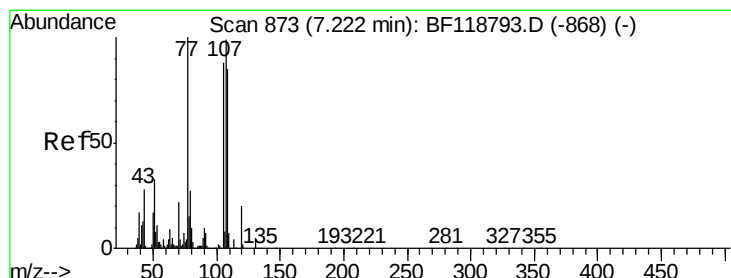
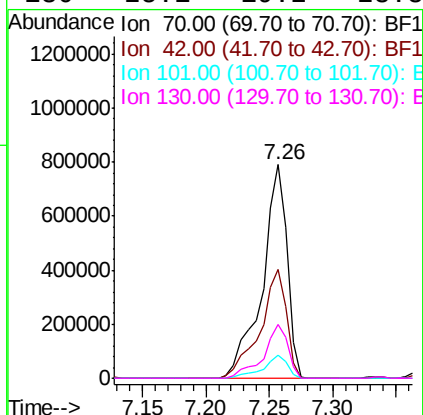




#19
n-Nitroso-di-n-propylamine
Concen: 72.616 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.02 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

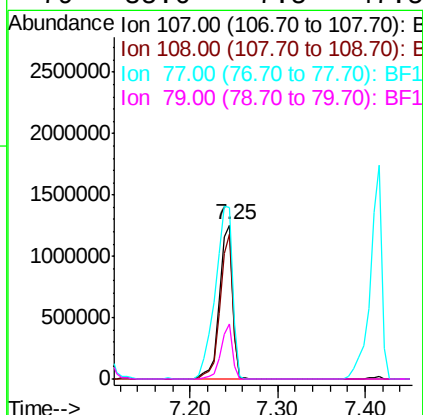
Instrument :
BNA_F
ClientSampleId :

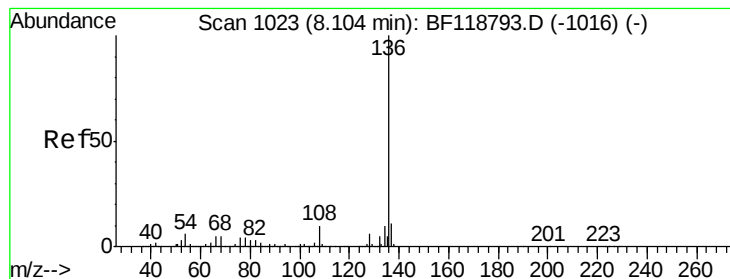
Tot Ion: 70 Resp: 1074431
Ion Ratio Lower Upper
70 100
42 51.0 41.5 62.3
101 10.8 8.3 12.5
130 25.1 19.2 28.8



#20
3+4-Methylphenols
Concen: 68.447 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.02 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Tgt Ion:107 Resp: 1317268
Ion Ratio Lower Upper
107 100
108 93.8 65.9 105.9
77 111.1 80.9 120.9
79 35.6 7.5 47.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1083783

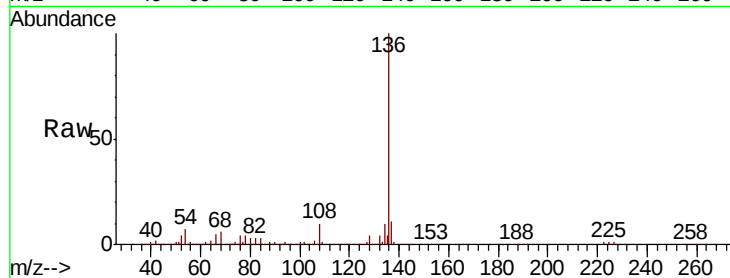
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.9 5.0 7.6

68 6.0 4.2 6.4

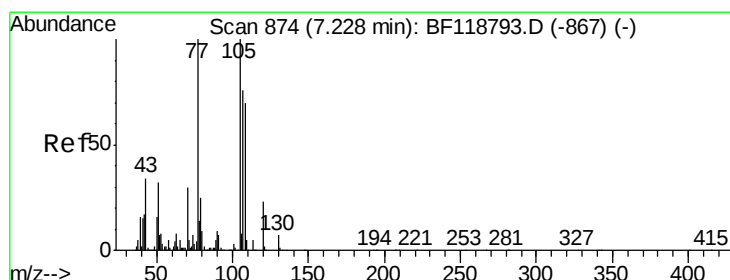
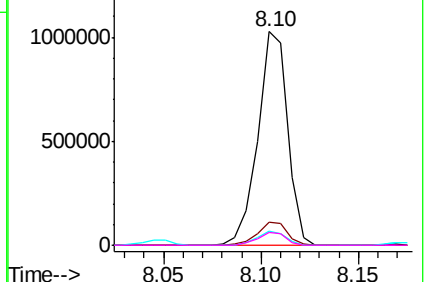
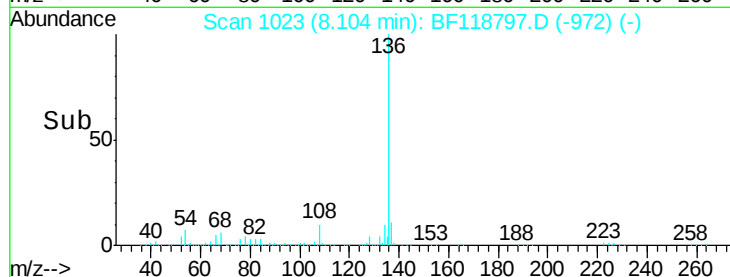


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 77.301 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

Tgt Ion:105 Resp: 1984602

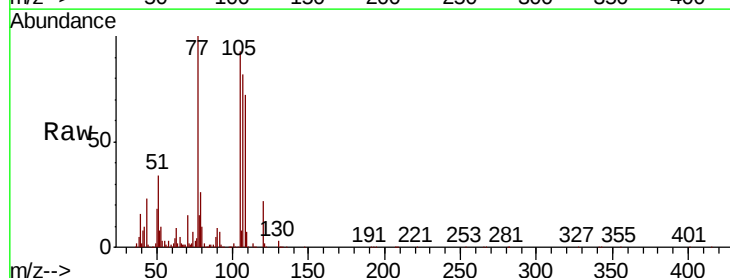
Ion Ratio Lower Upper

105 100

71 2.6 4.2 6.4#

51 36.9 25.5 38.3

120 23.2 18.6 28.0

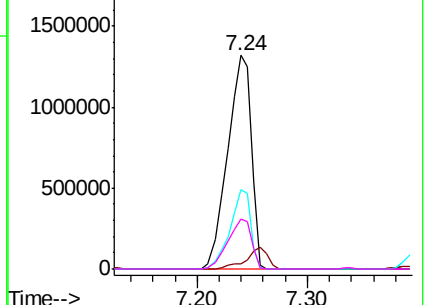
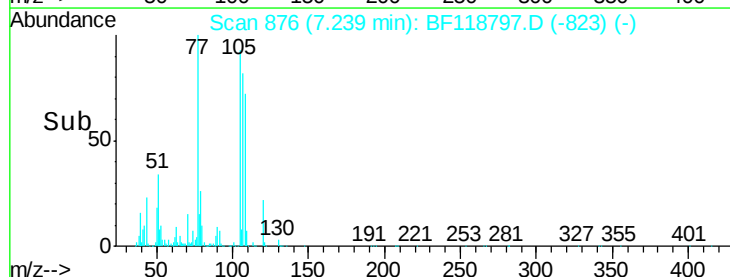


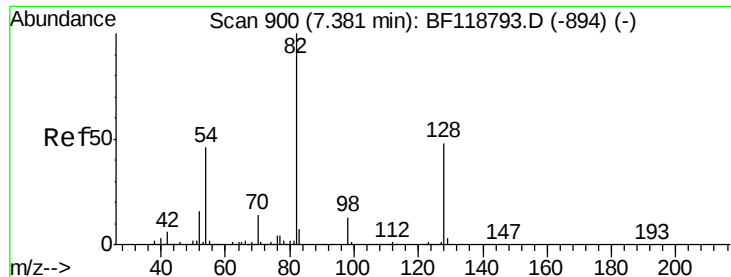
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

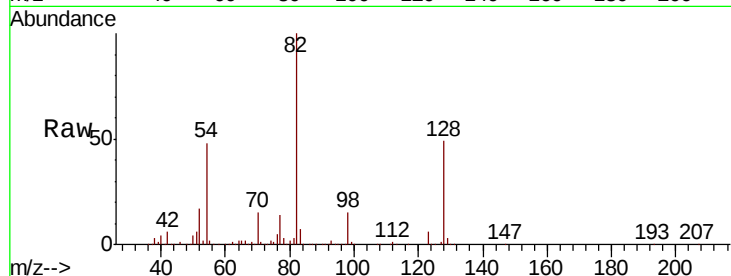




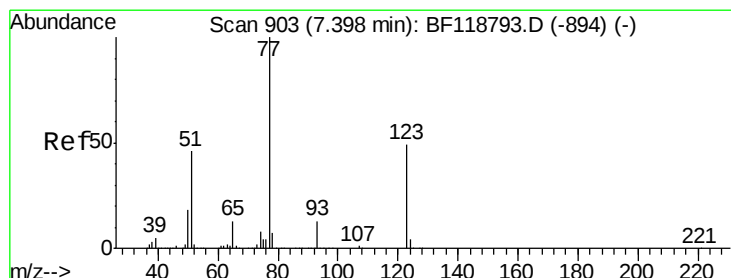
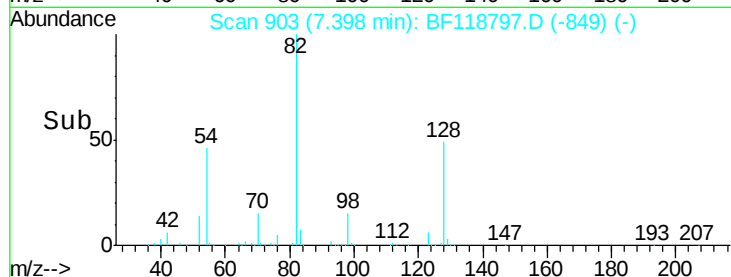
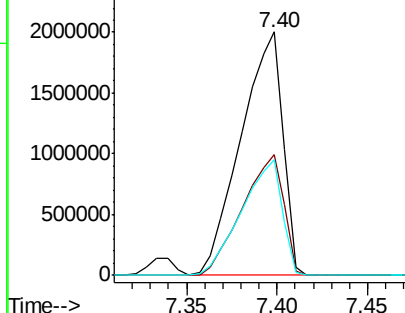
#23
Nitrobenzene-d5
Concen: 166.601 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.02 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 3228078
Ion Ratio Lower Upper
82 100
128 49.4 38.5 57.7
54 47.6 36.7 55.1

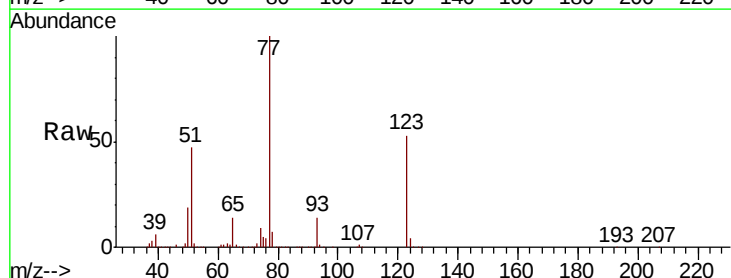


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

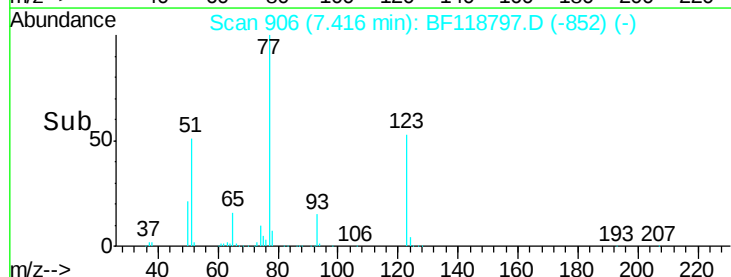
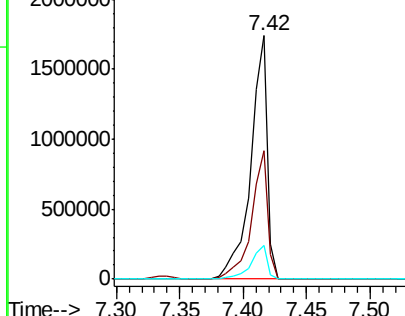


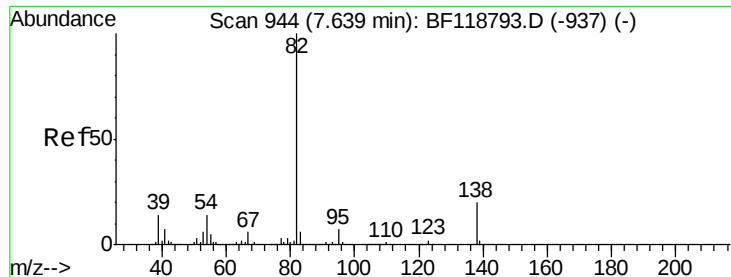
#24
Nitrobenzene
Concen: 80.057 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.02 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Tgt Ion: 77 Resp: 1588317
Ion Ratio Lower Upper
77 100
123 53.0 39.0 58.4
65 13.9 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 85.520 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.02 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

Instrument :

BNA_F

ClientSampleId :

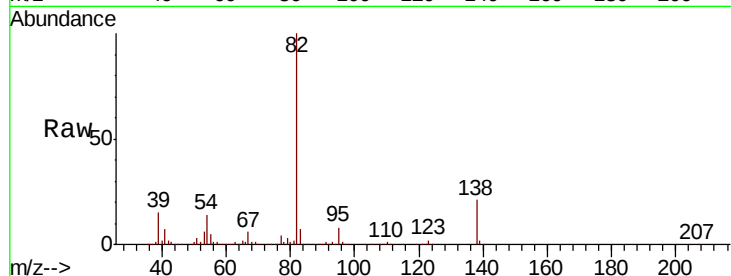
Tot Ion: 82 Resp: 3022384

Ion Ratio Lower Upper

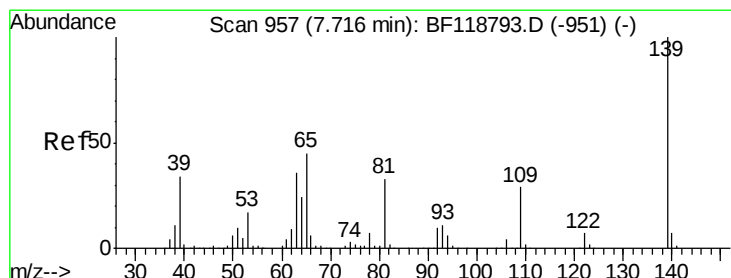
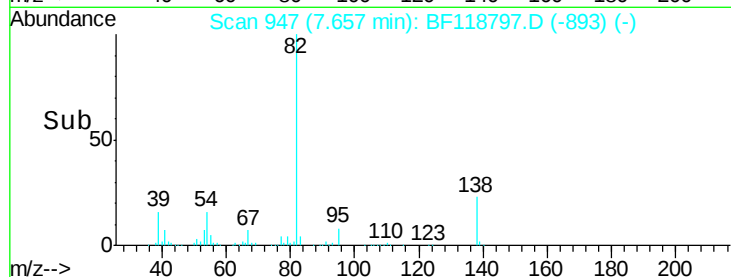
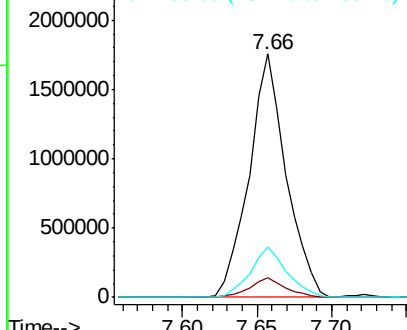
82 100

95 8.1 6.0 9.0

138 20.7 15.7 23.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 108.573 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

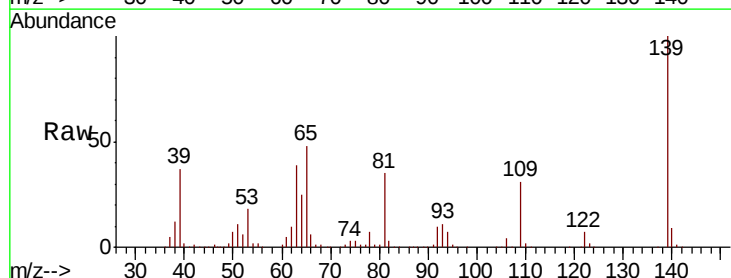
Tgt Ion: 139 Resp: 918587

Ion Ratio Lower Upper

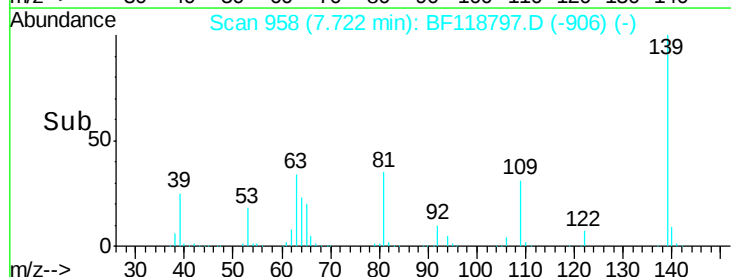
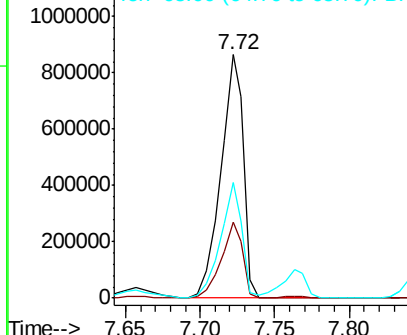
139 100

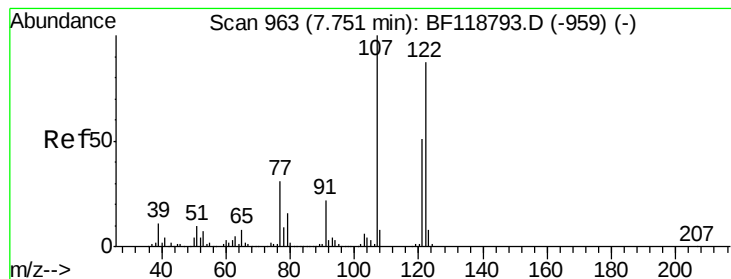
109 31.4 23.4 35.0

65 47.6 36.2 54.2



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 82.414 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

Instrument :

BNA_F

ClientSampled :

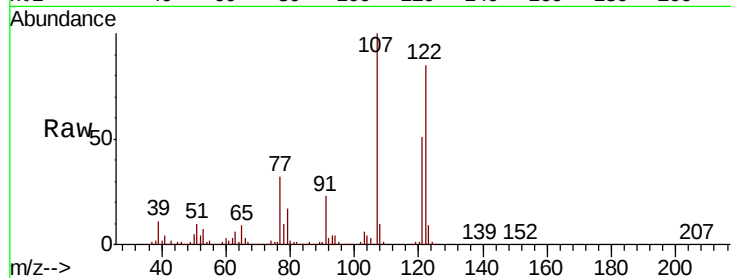
Tot Ion:122 Resp: 1204036

Ion Ratio Lower Upper

122 100

107 117.3 92.2 138.2

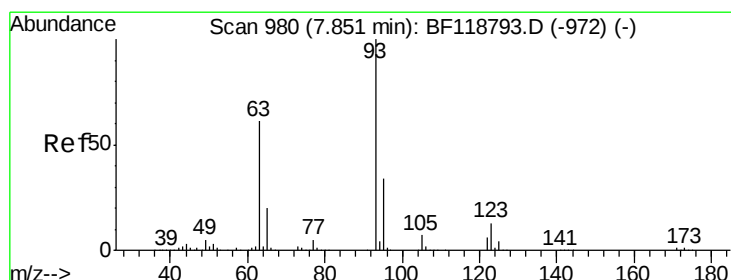
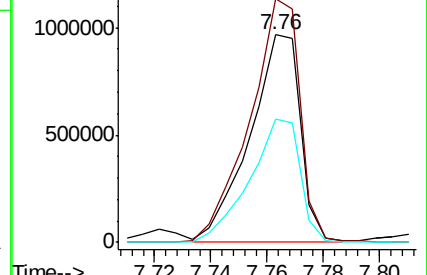
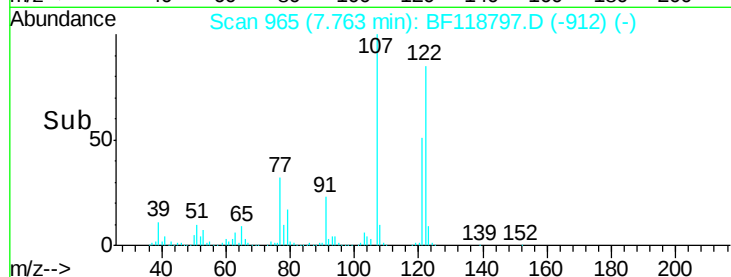
121 59.5 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 81.637 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

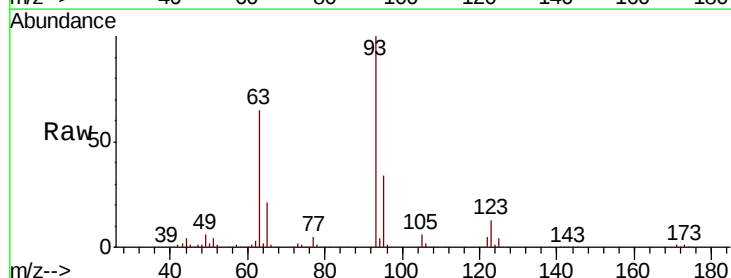
Tgt Ion: 93 Resp: 1859026

Ion Ratio Lower Upper

93 100

95 33.7 27.0 40.4

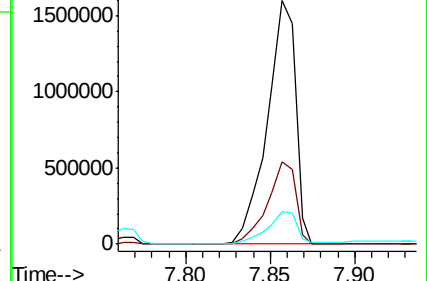
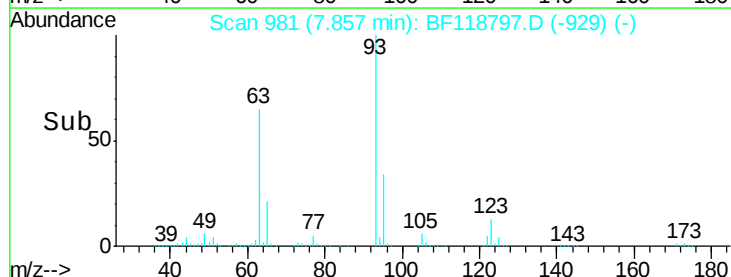
123 13.2 10.6 15.8

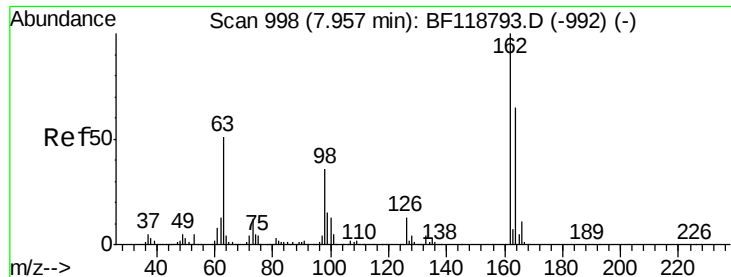


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 86.873 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

Instrument :

BNA_F

ClientSampleId :

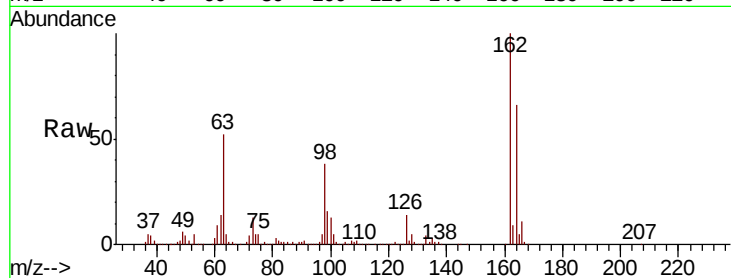
Tot Ion:162 Resp: 1403035

Ion Ratio Lower Upper

162 100

164 65.7 44.8 84.8

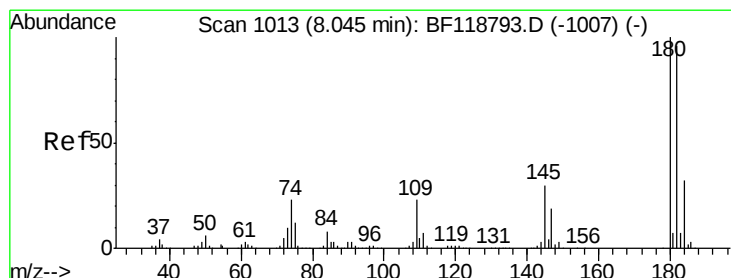
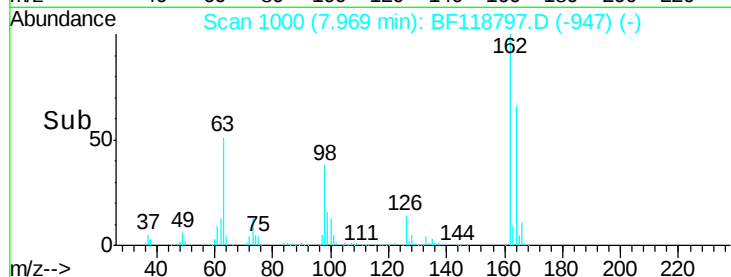
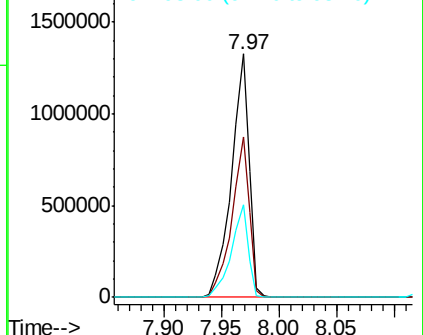
98 38.0 16.4 56.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 84.656 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

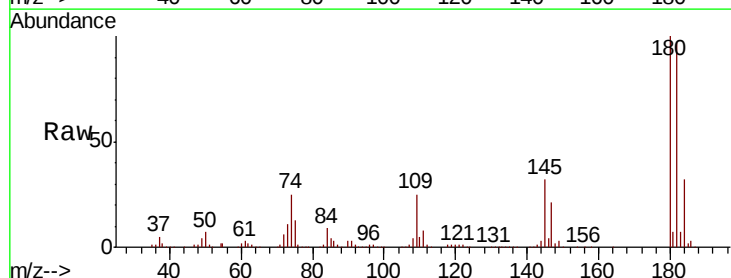
Tgt Ion:180 Resp: 1585280

Ion Ratio Lower Upper

180 100

182 96.8 76.6 115.0

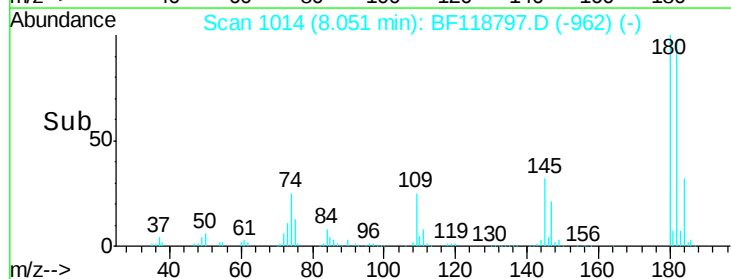
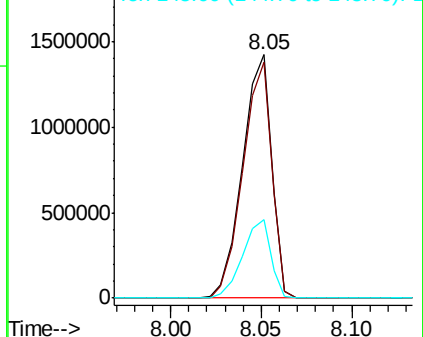
145 32.2 24.0 36.0

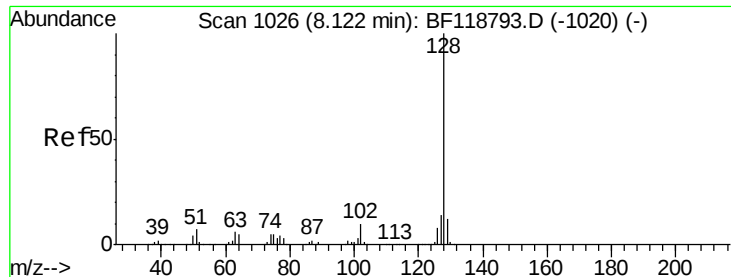


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

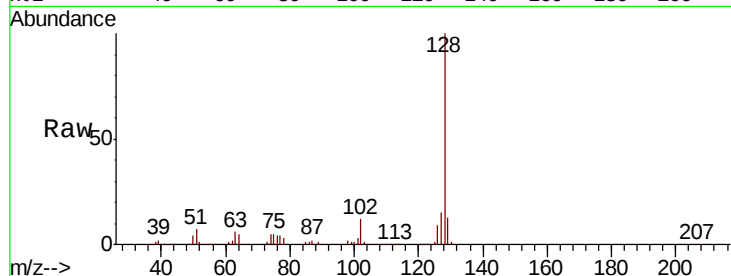




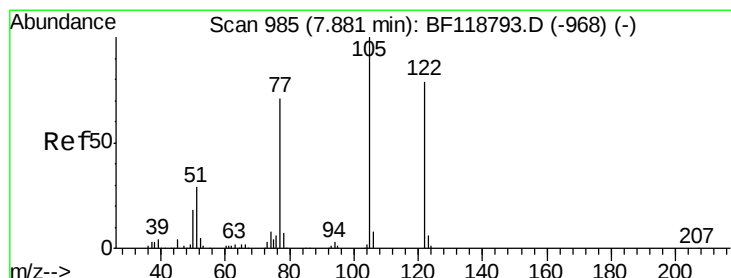
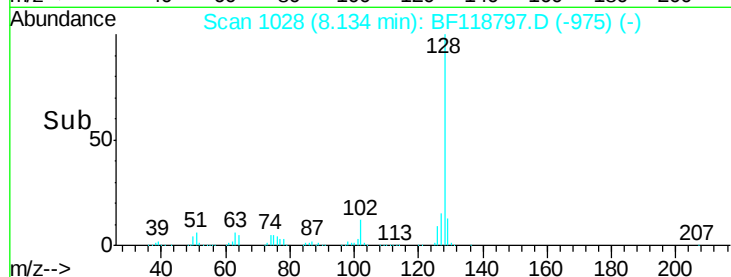
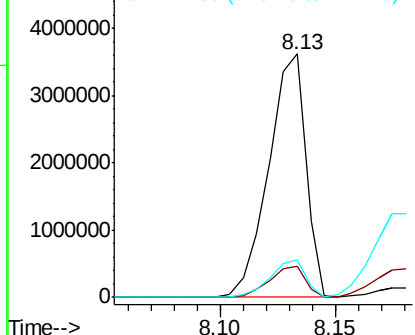
#31
Naphthalene
Concen: 82.673 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 4047516
Ion Ratio Lower Upper
128 100
129 12.8 9.4 14.2
127 15.5 11.3 16.9

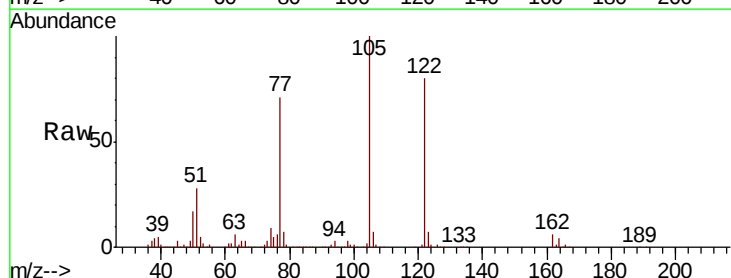


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

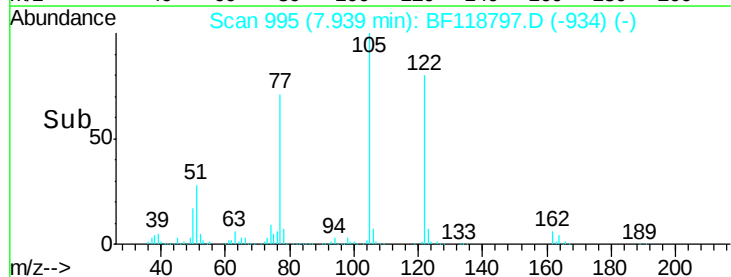
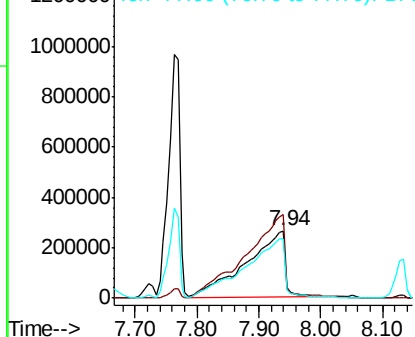


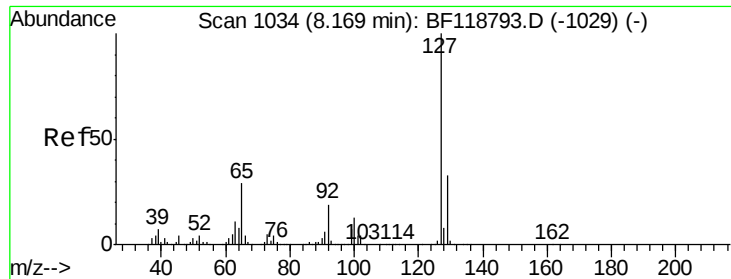
#32
Benzoic acid
Concen: 106.208 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.06 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Tgt Ion:122 Resp: 1164525
Ion Ratio Lower Upper
122 100
105 124.6 104.4 144.4
77 88.9 69.3 109.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

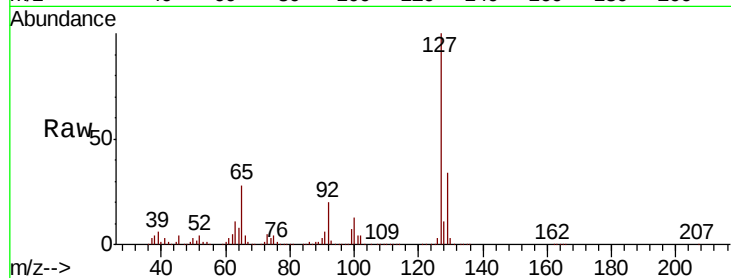




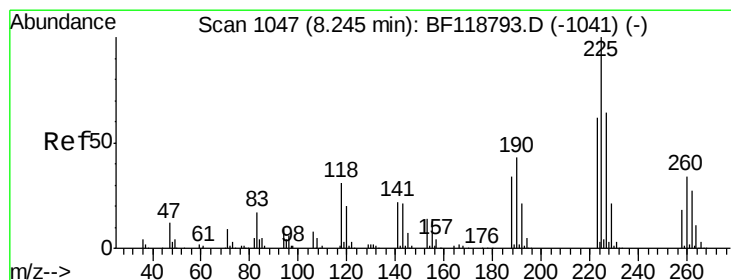
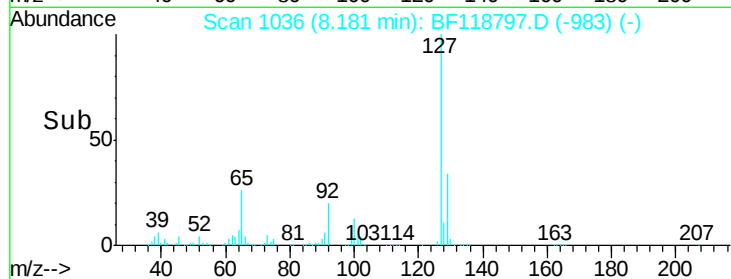
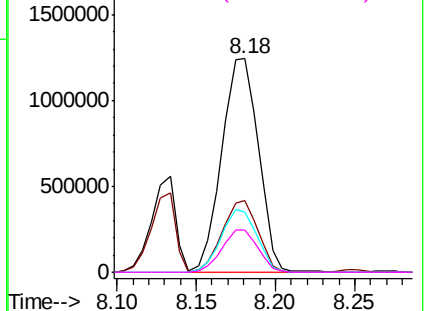
#33
4-Chloroaniline
Concen: 87.981 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1990869
Ion Ratio Lower Upper
127 100
129 33.7 26.7 40.1
65 28.5 22.9 34.3
92 19.9 15.4 23.0

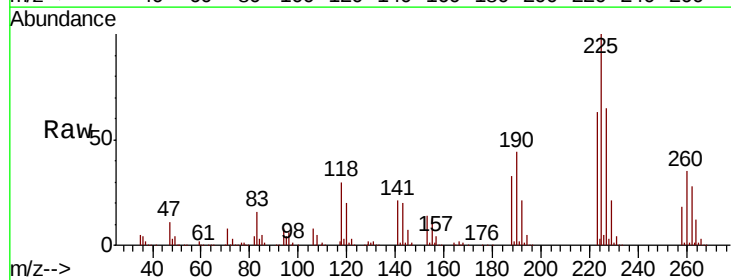


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

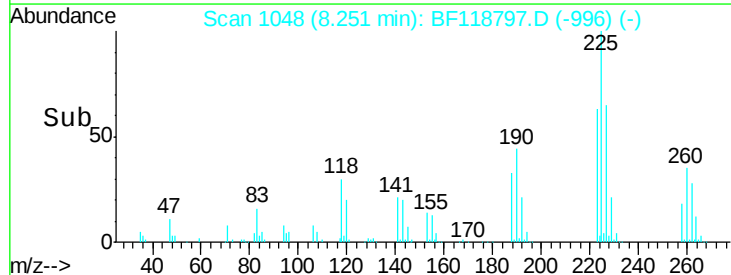
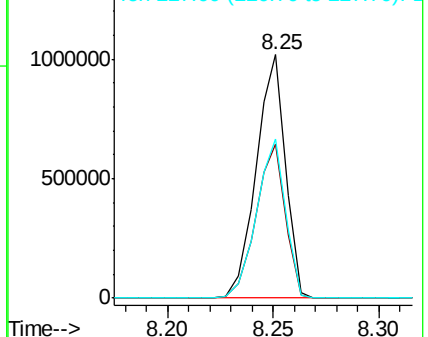


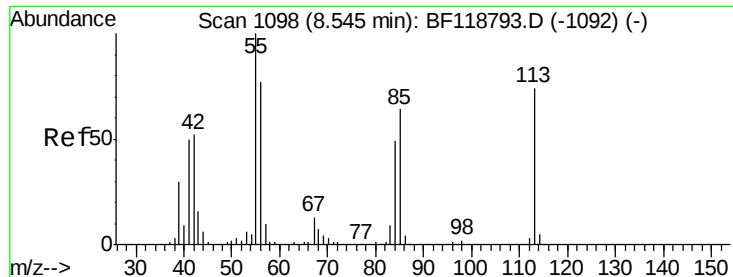
#34
Hexachlorobutadiene
Concen: 85.849 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Tgt Ion:225 Resp: 979002
Ion Ratio Lower Upper
225 100
223 63.2 49.8 74.8
227 65.3 51.0 76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

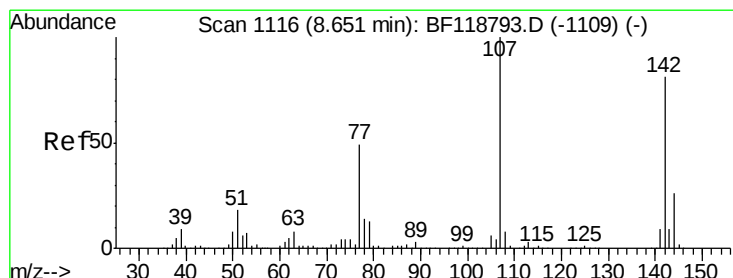
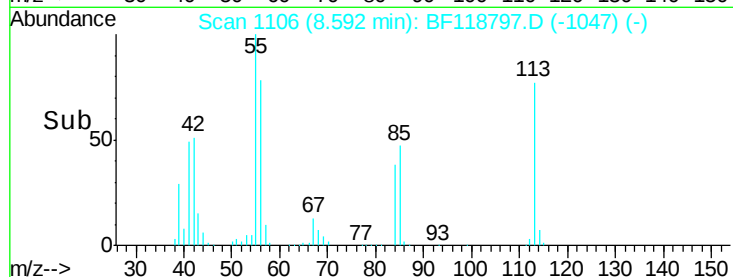
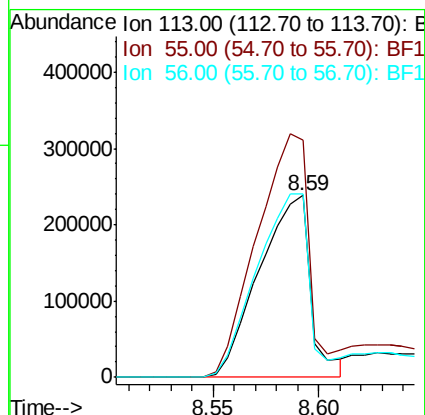
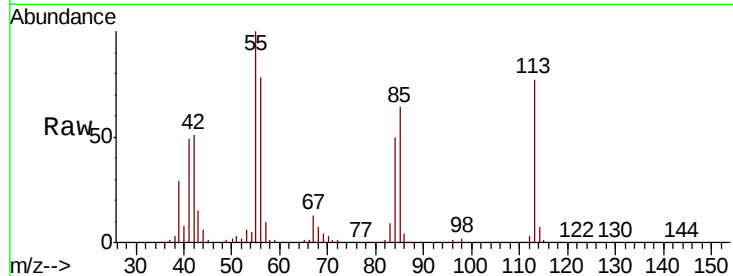




#35
Caprolactam
Concen: 76.084 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.05 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

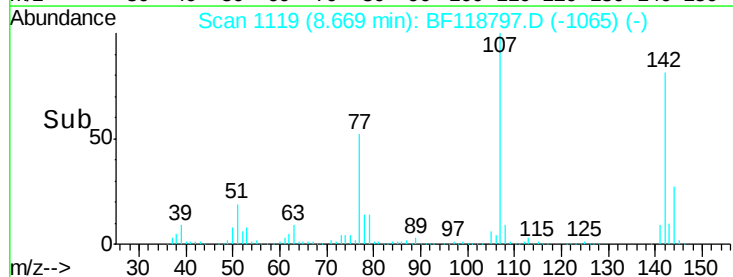
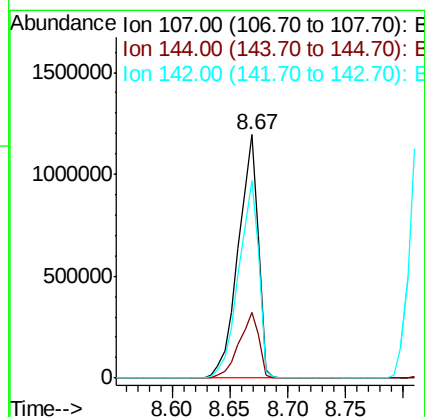
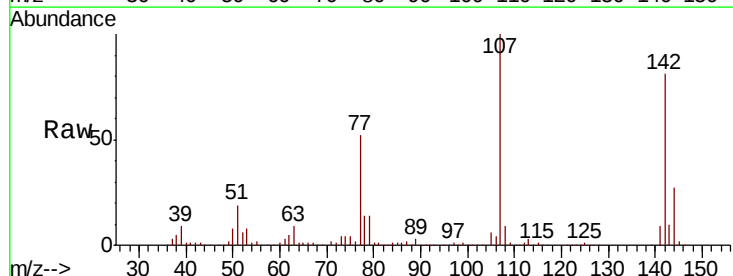
Instrument :
BNA_F
ClientSampleId :

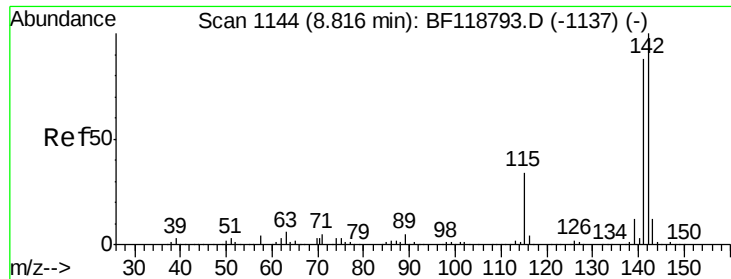
Tot Ion:113 Resp: 402122
Ion Ratio Lower Upper
113 100
55 130.4 115.5 155.5
56 101.3 83.7 123.7



#36
4-Chloro-3-methylphenol
Concen: 89.948 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.02 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Tgt Ion:107 Resp: 1434531
Ion Ratio Lower Upper
107 100
144 27.2 21.0 31.6
142 81.0 64.8 97.2

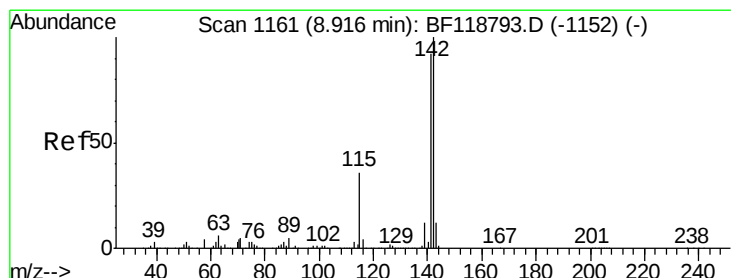
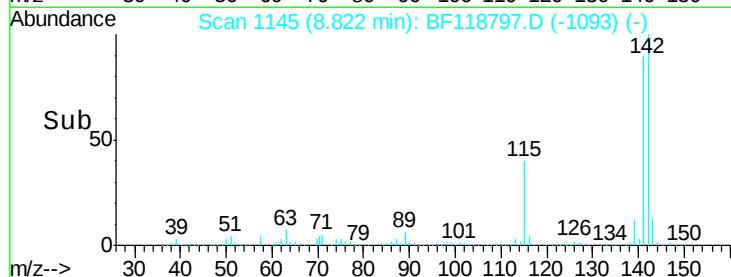
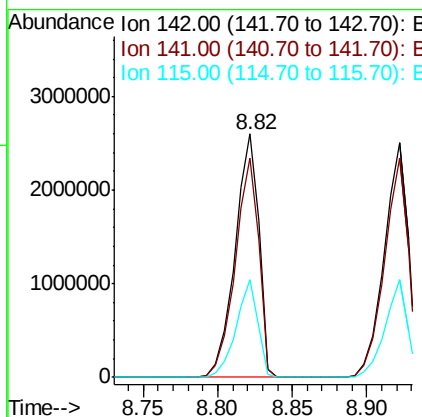
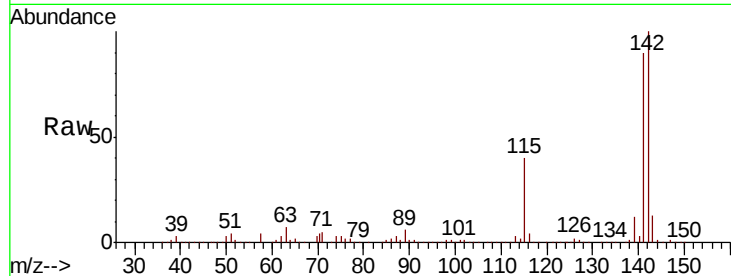




#37
2-Methylnaphthalene
Concen: 83.534 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

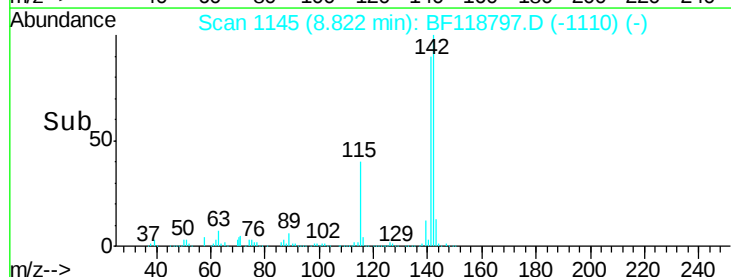
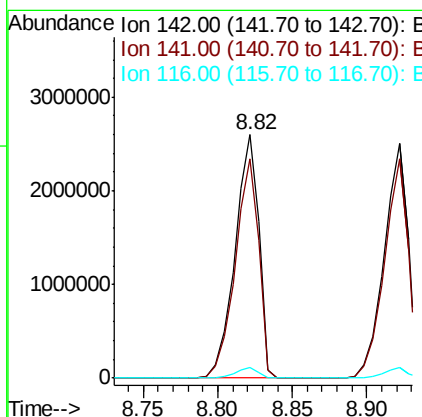
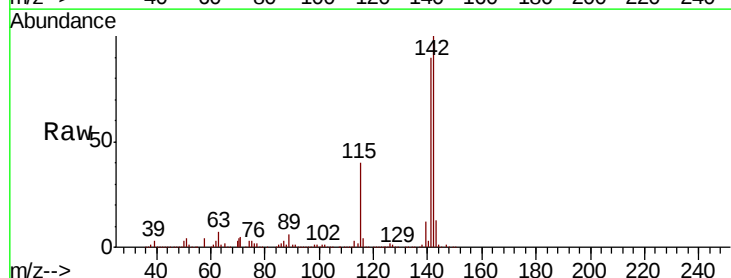
Instrument :
BNA_F
ClientSampleId :

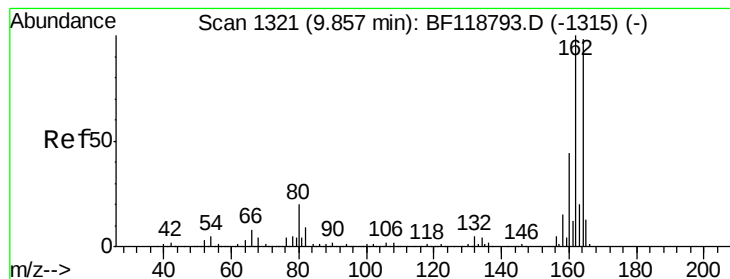
Tot Ion:142 Resp: 2886744
Ion Ratio Lower Upper
142 100
141 90.1 70.1 105.1
115 40.1 27.3 40.9



#38
1-Methylnaphthalene
Concen: 87.927 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.09 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Tgt Ion:142 Resp: 2886744
Ion Ratio Lower Upper
142 100
141 90.1 73.8 110.6
116 4.4 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

Instrument :

BNA_F

ClientSampleId :

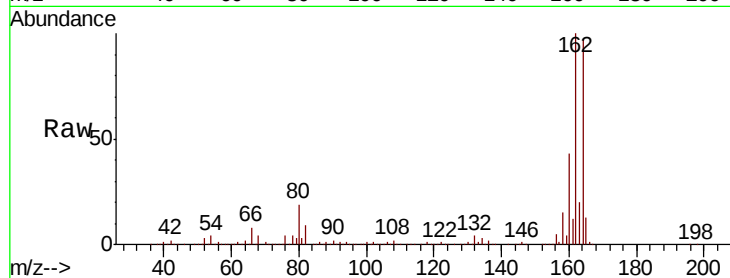
Tot Ion:164 Resp: 614553

Ion Ratio Lower Upper

164 100

162 102.7 81.4 122.2

160 43.7 35.6 53.4

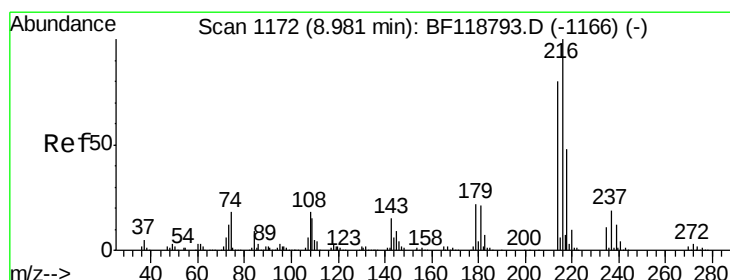
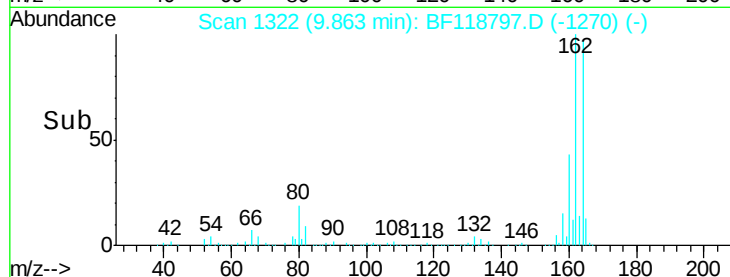
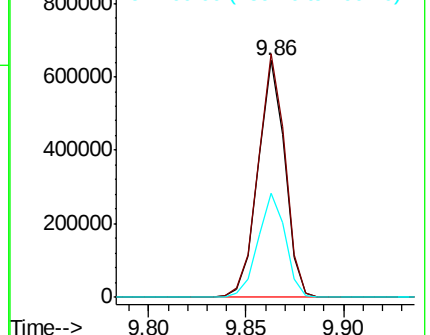


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 79.651 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

Tgt Ion:216 Resp: 1531603

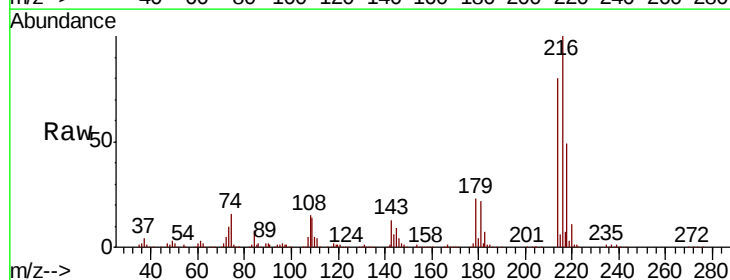
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 22.3 17.0 25.6

108 17.7 13.5 20.3



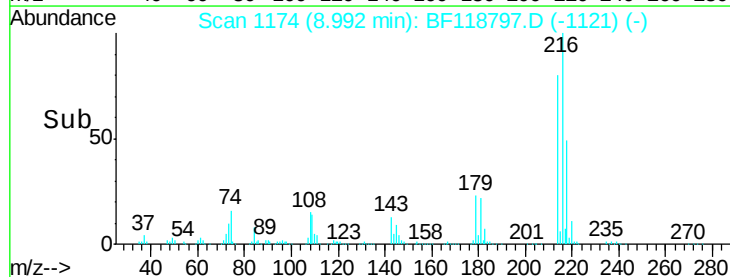
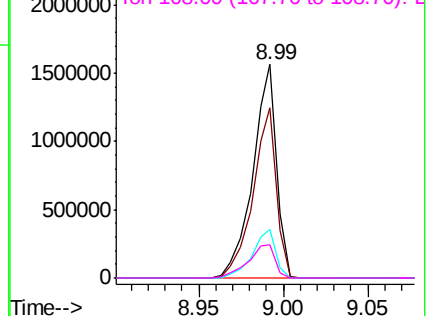
Abundance

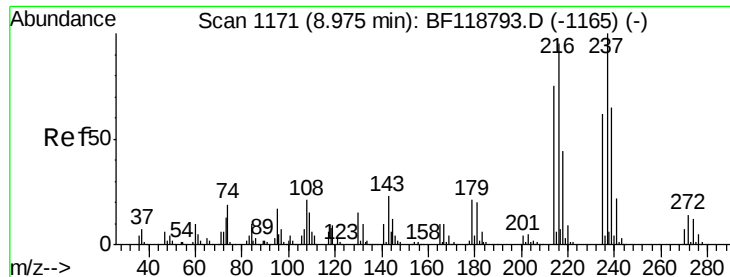
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.272 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

Instrument :

BNA_F

ClientSampleId :

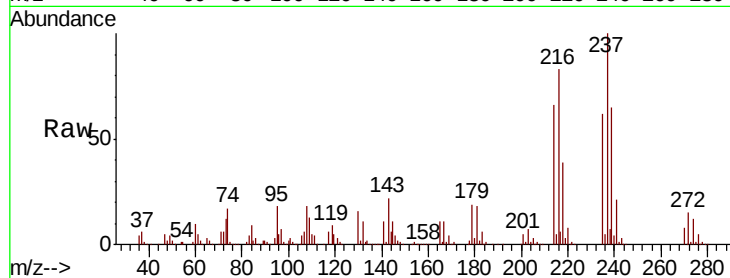
Tot Ion:237 Resp: 759366

Ion Ratio Lower Upper

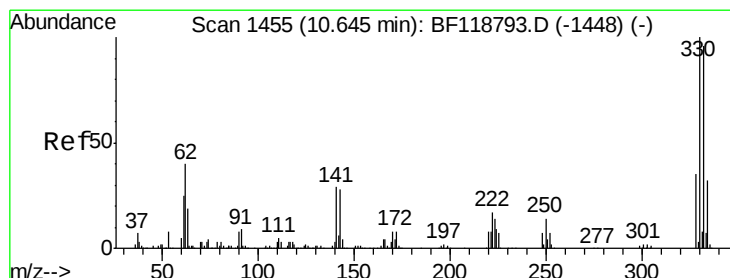
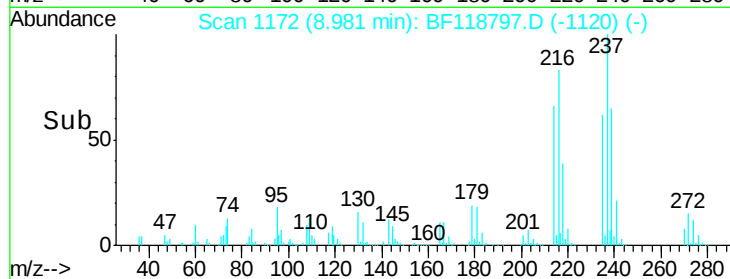
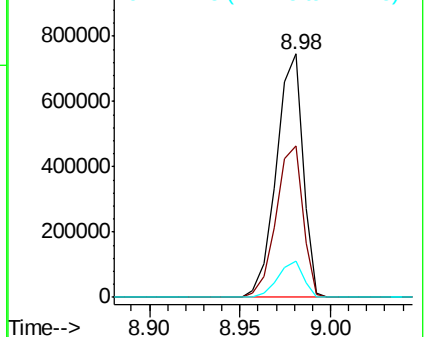
237 100

235 62.4 42.1 82.1

272 14.9 0.0 34.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 177.956 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

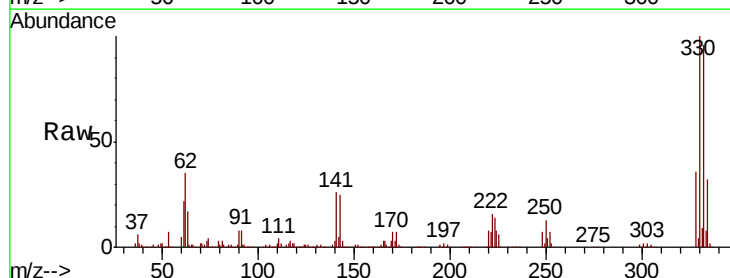
Tgt Ion:330 Resp: 1264930

Ion Ratio Lower Upper

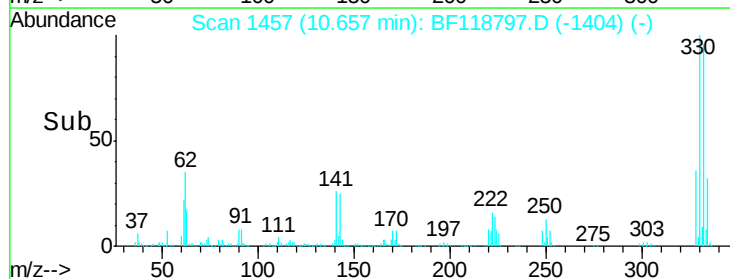
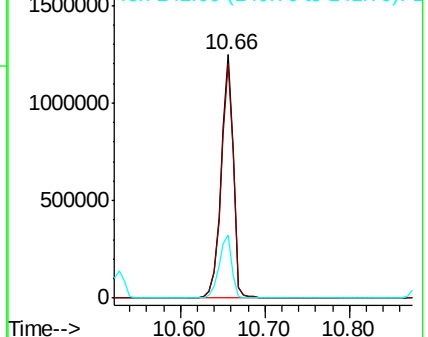
330 100

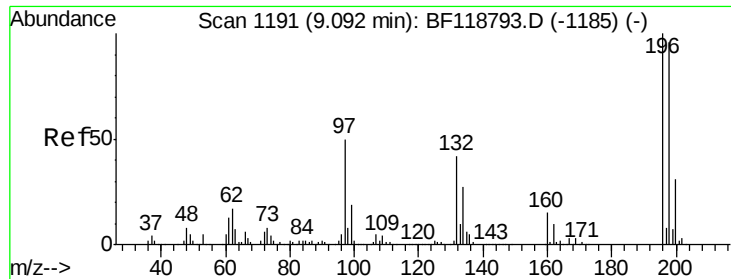
332 96.6 77.3 115.9

141 27.3 22.4 33.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

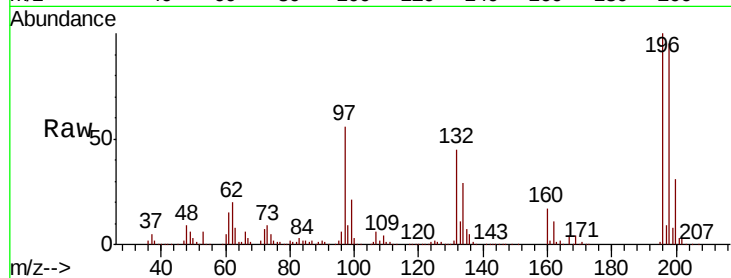




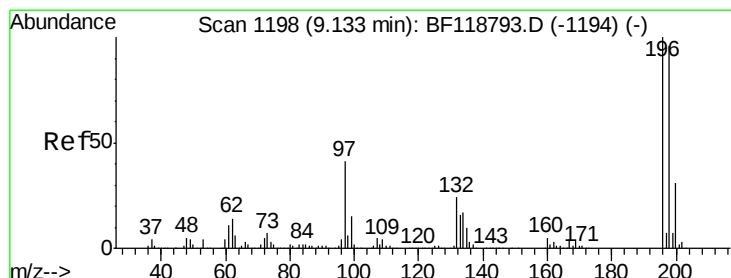
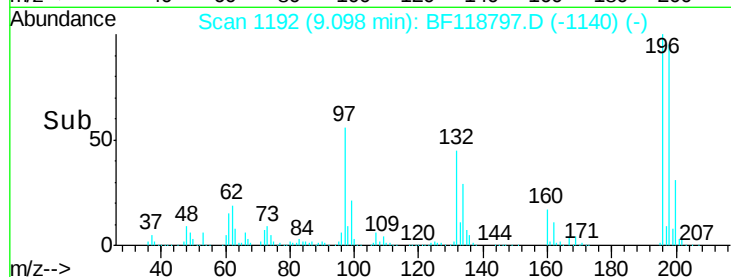
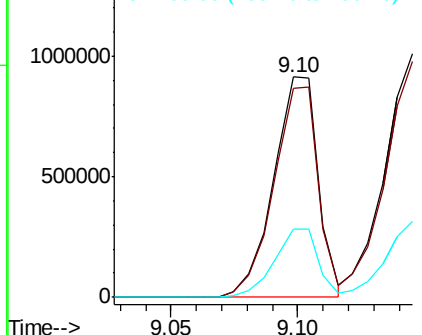
#43
 2,4,6-Trichlorophenol
 Concen: 87.194 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF118797.D
 Acq: 3 Feb 2020 14:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 1112591
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.7 115.1
 200 31.2 24.9 37.3



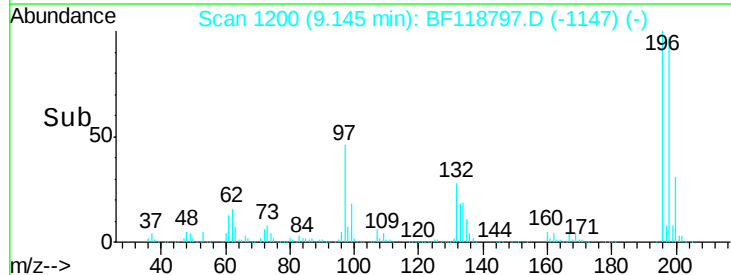
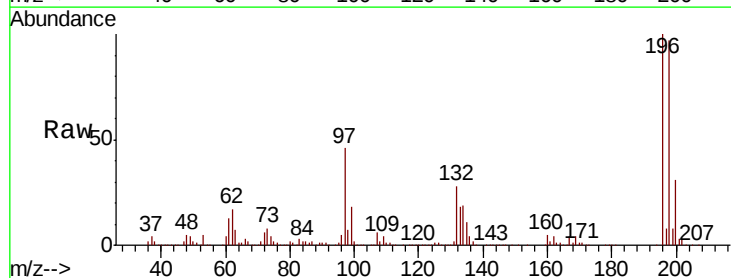
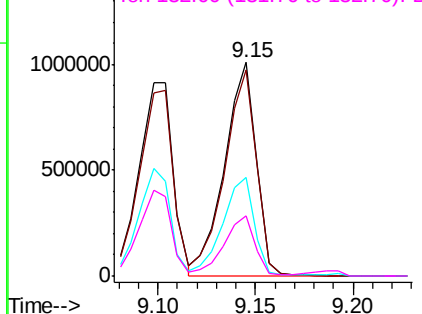
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

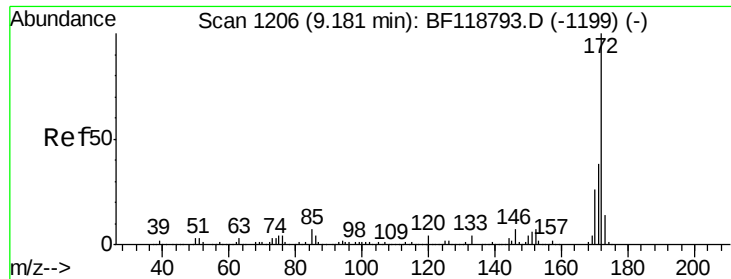


#44
 2,4,5-Trichlorophenol
 Concen: 87.223 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118797.D
 Acq: 3 Feb 2020 14:07

Tgt Ion:196 Resp: 1136669
 Ion Ratio Lower Upper
 196 100
 198 96.7 77.0 115.4
 97 46.3 32.9 49.3
 132 28.0 19.9 29.9

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

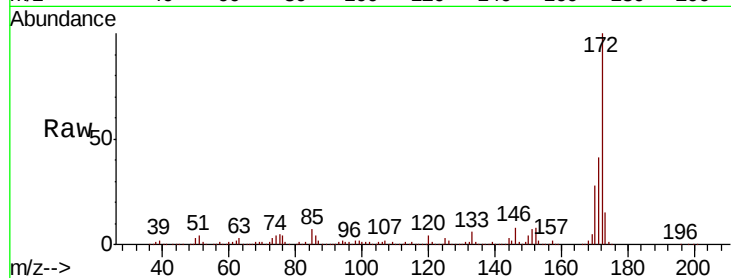




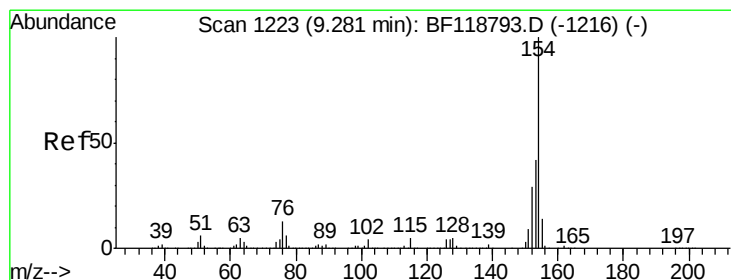
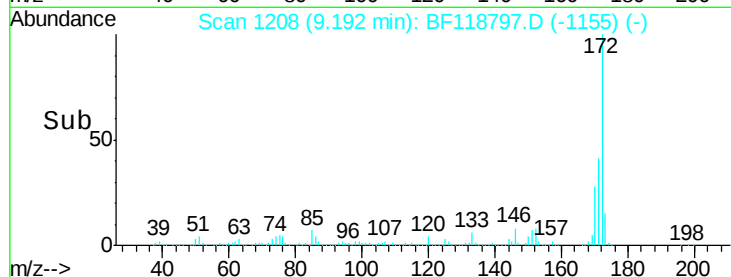
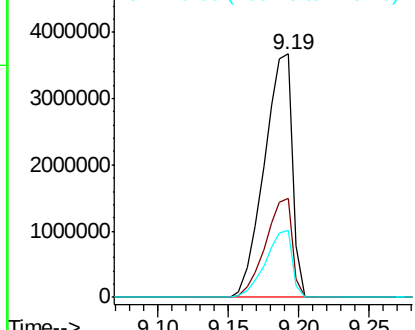
#45
2-Fluorobiphenyl
Concen: 137.456 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 5139542
Ion Ratio Lower Upper
172 100
171 40.7 30.8 46.2
170 27.5 20.5 30.7

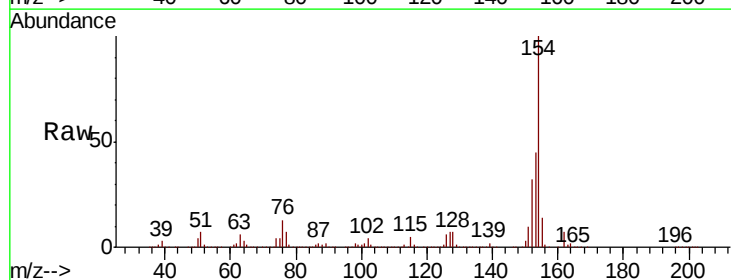


Abundance Ion 172.00 (171.70 to 172.70): E
5000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

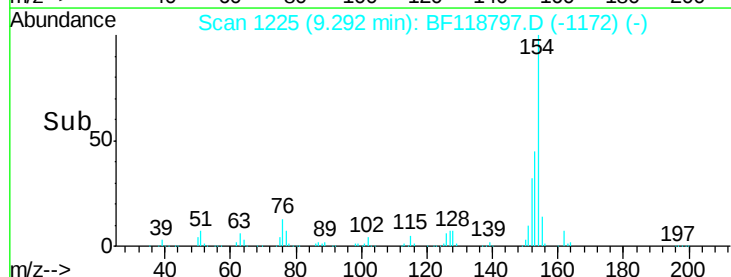
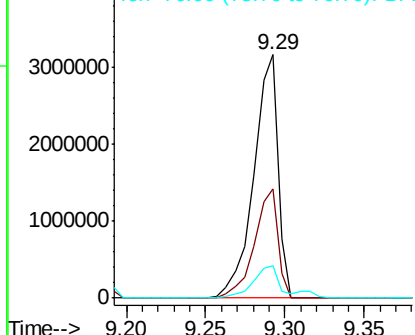


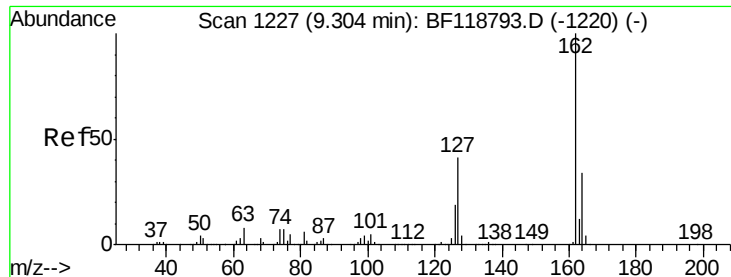
#46
1,1'-Biphenyl
Concen: 79.627 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Tgt Ion:154 Resp: 3372612
Ion Ratio Lower Upper
154 100
153 44.9 22.4 62.4
76 13.1 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E
4000000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

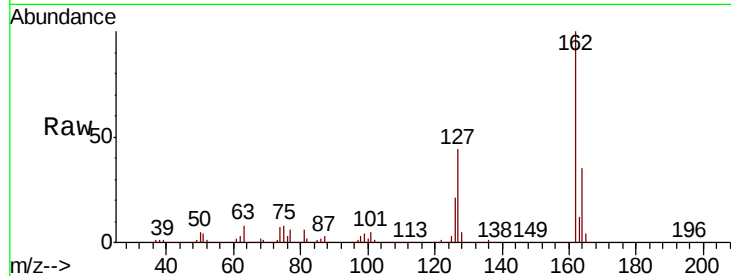




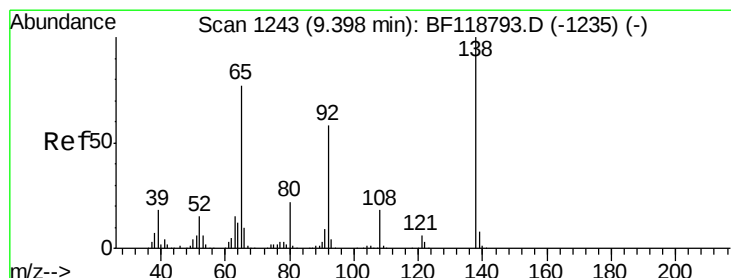
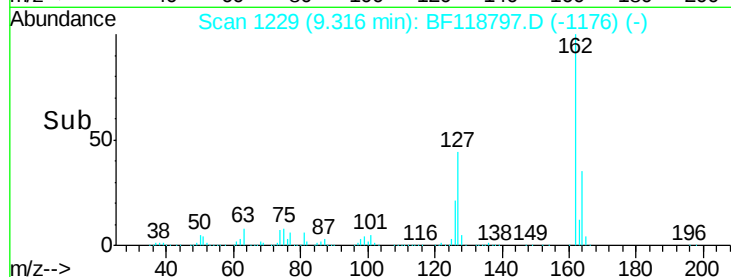
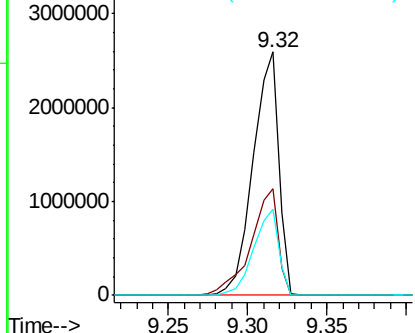
#47
 2-Chloronaphthalene
 Concen: 82.145 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF118797.D
 Acq: 3 Feb 2020 14:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	2932554
Ion	Ratio	Lower	Upper
162	100		
127	43.8	33.3	49.9
164	35.2	27.1	40.7

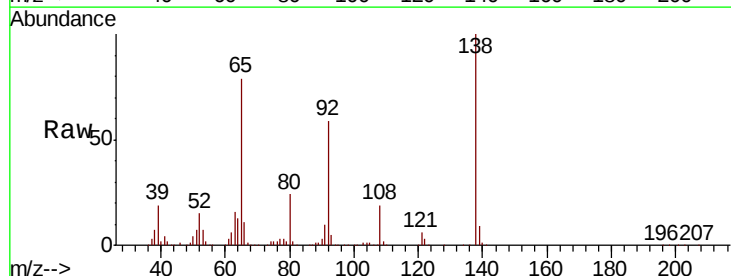


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

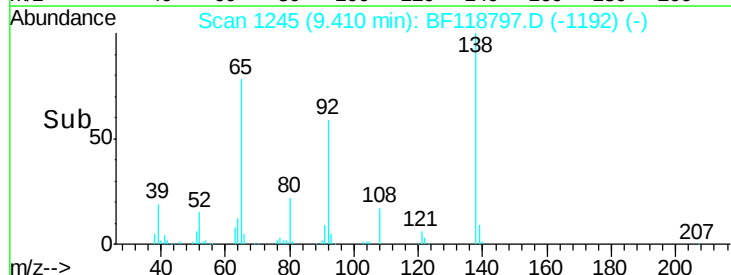
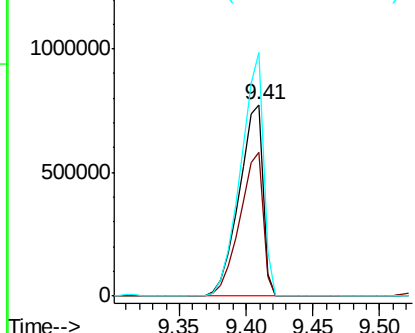


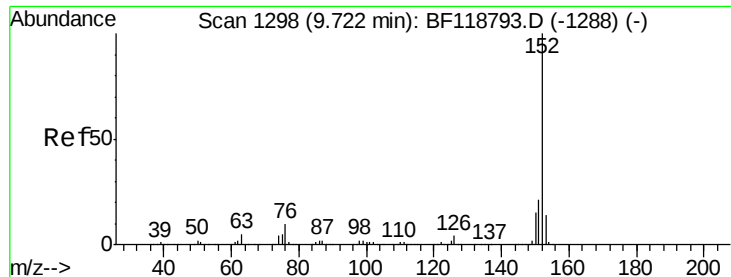
#48
 2-Nitroaniline
 Concen: 87.314 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: BF118797.D
 Acq: 3 Feb 2020 14:07

Tgt Ion:	65	Resp:	958195
Ion	Ratio	Lower	Upper
65	100		
92	74.8	60.6	91.0
138	127.1	104.6	156.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 83.036 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

Instrument :

BNA_F

ClientSampleId :

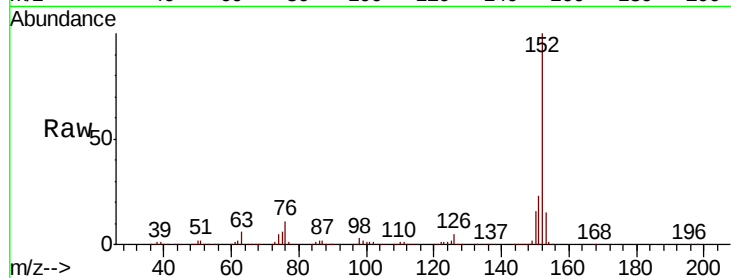
Tot Ion:152 Resp: 4170302

Ion Ratio Lower Upper

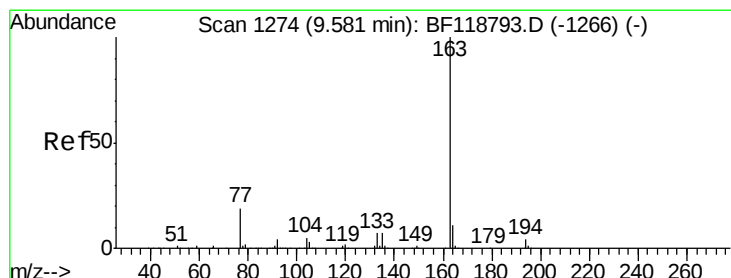
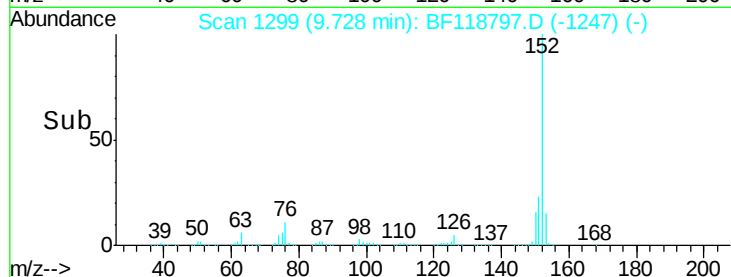
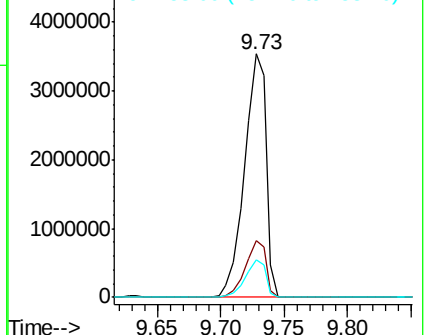
152 100

151 23.4 17.1 25.7

153 15.2 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 92.299 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.02 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

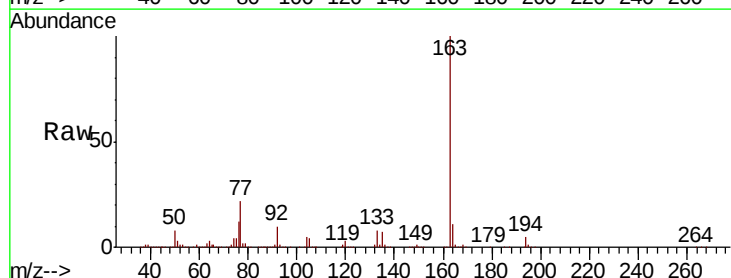
Tgt Ion:163 Resp: 3695576

Ion Ratio Lower Upper

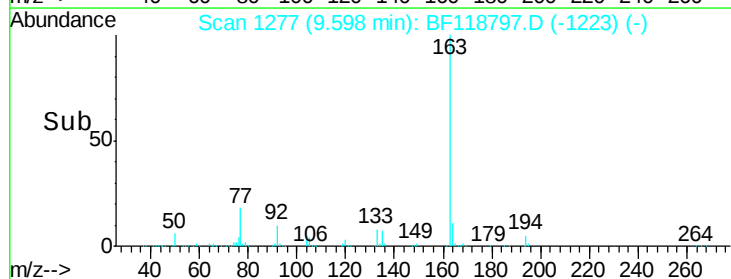
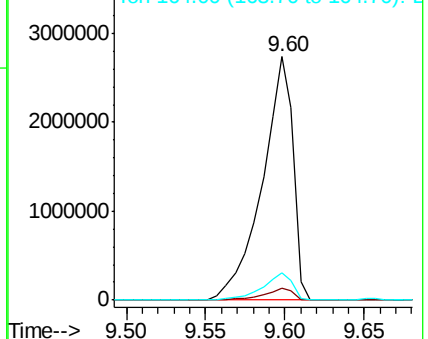
163 100

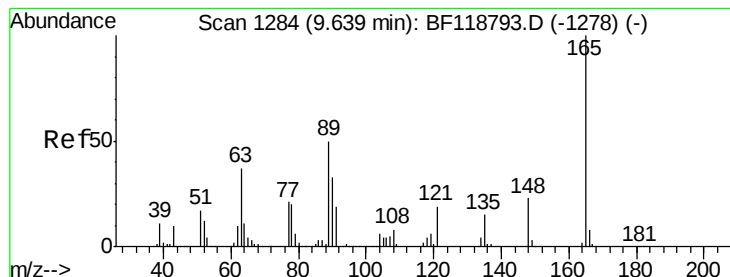
194 4.8 3.6 5.4

164 11.4 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 97.844 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

Instrument :

BNA_F

ClientSampleId :

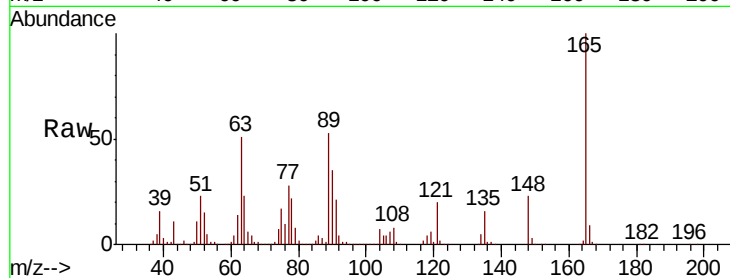
Tot Ion:165 Resp: 877249

Ion Ratio Lower Upper

165 100

63 51.0 37.4 56.0

89 53.4 39.7 59.5

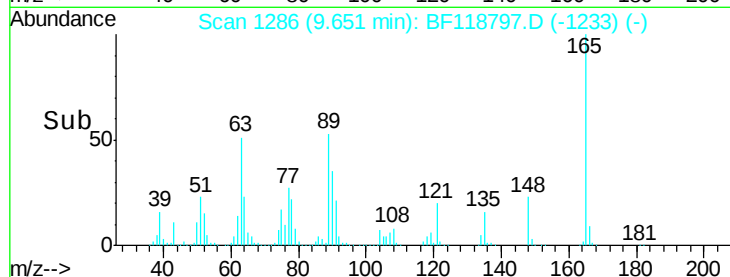


Abundance Ion 165.00 (164.70 to 165.70): E

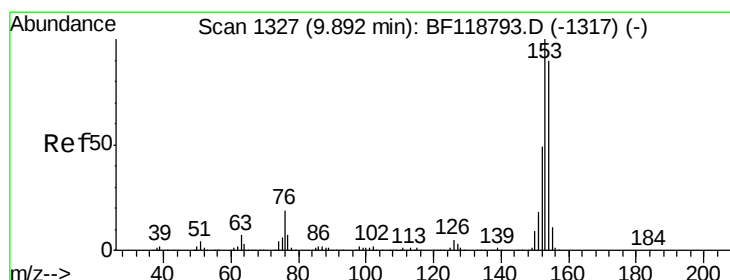
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 84.314 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

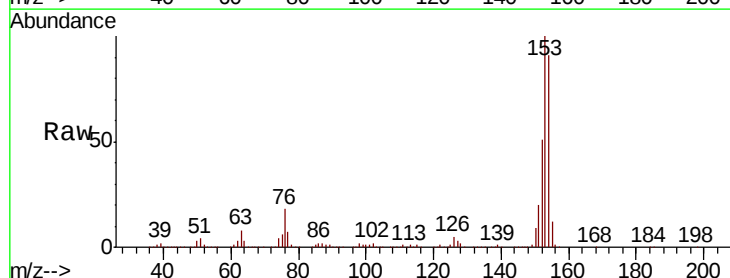
Tgt Ion:154 Resp: 2831480

Ion Ratio Lower Upper

154 100

153 110.3 89.4 134.0

152 55.9 43.6 65.4

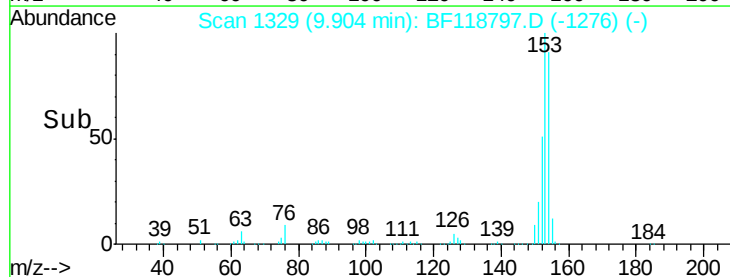


Abundance Ion 154.00 (153.70 to 154.70): E

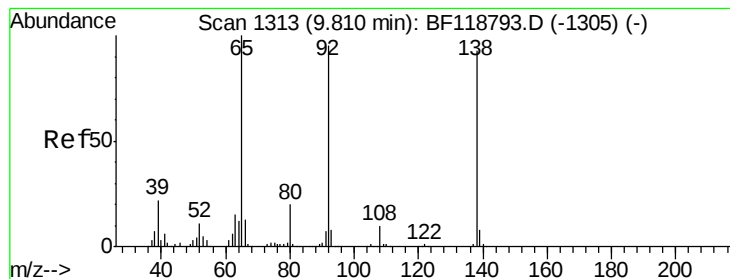
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



#53

3-Nitroaniline

Concen: 95.100 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.02 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

Instrument :

BNA_F

ClientSampleId :

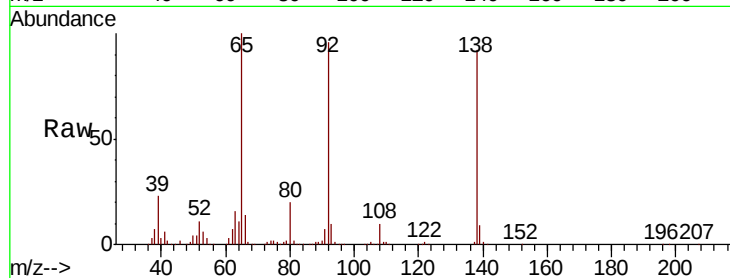
Tot Ion:138 Resp: 973612

Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

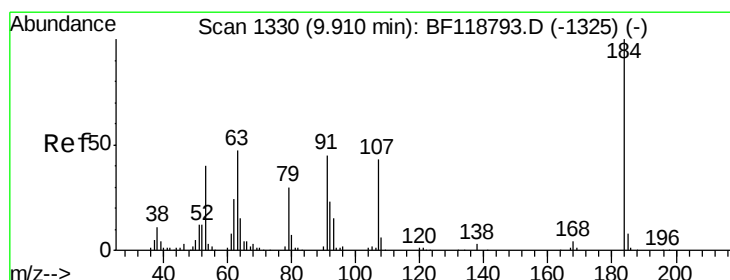
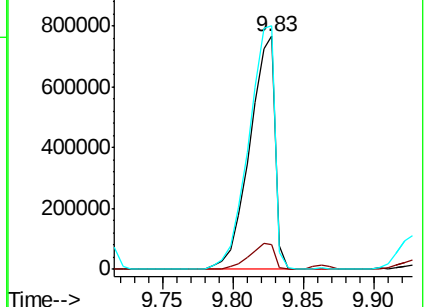
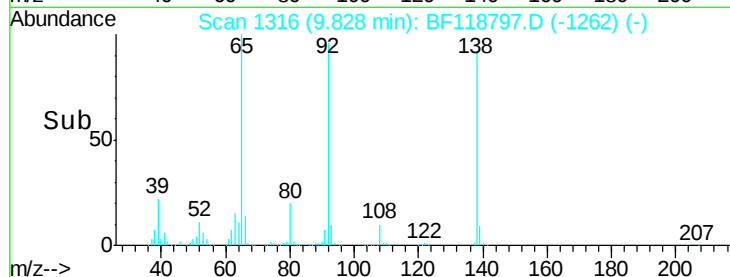
92 104.4 82.2 123.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 140.075 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.02 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

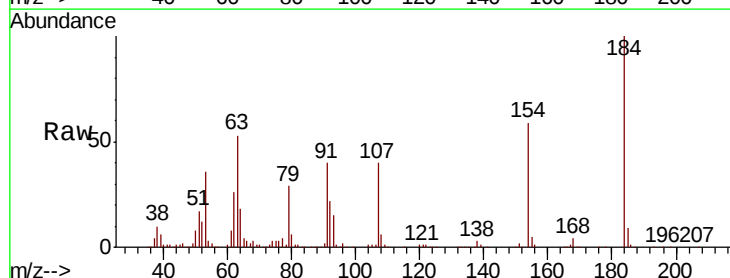
Tgt Ion:184 Resp: 501383

Ion Ratio Lower Upper

184 100

63 52.9 47.5 71.3

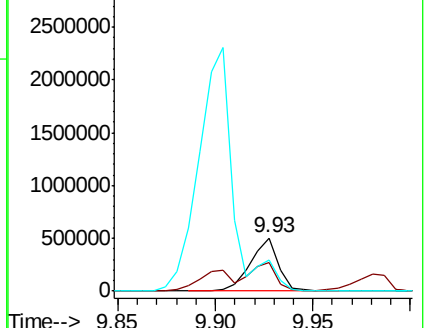
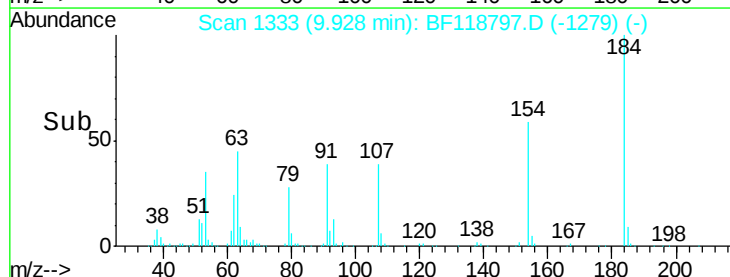
154 58.8 48.6 72.8

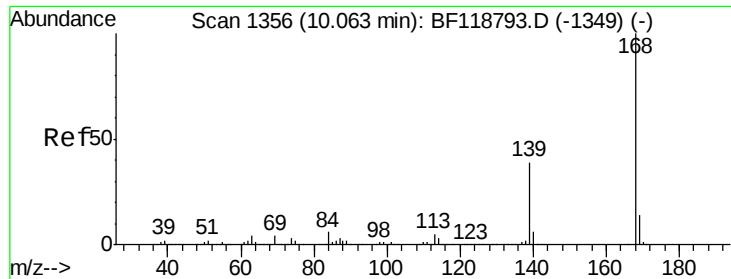


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

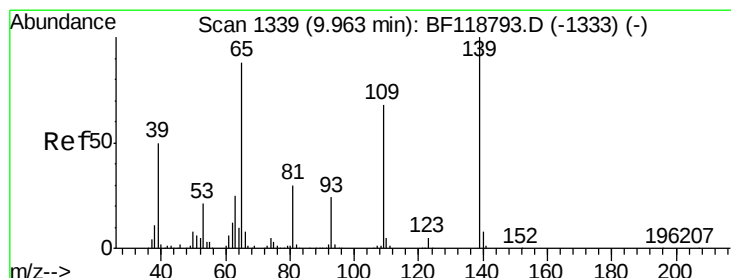
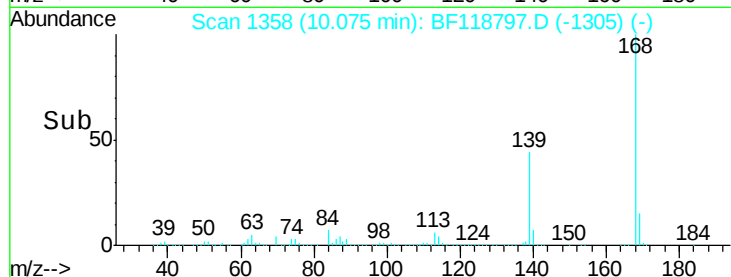
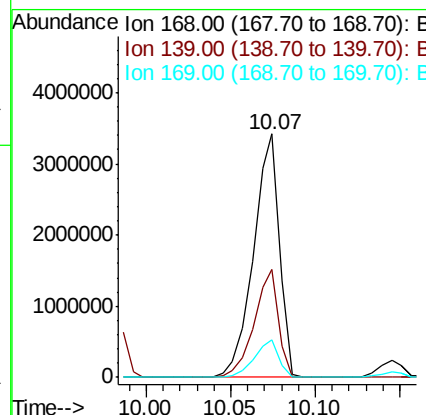
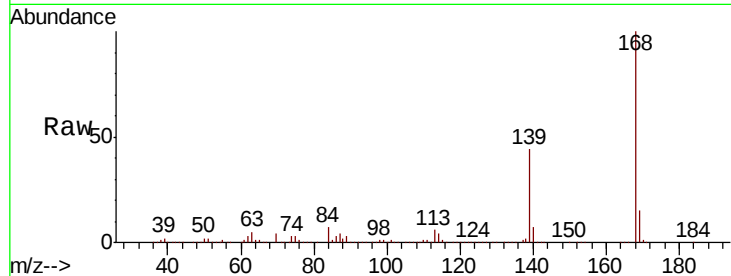




#55
Dibenzenofuran
Concen: 78.496 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

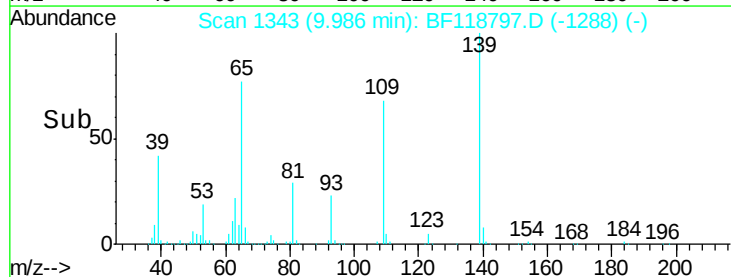
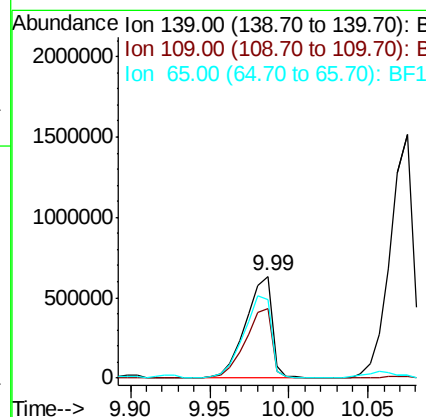
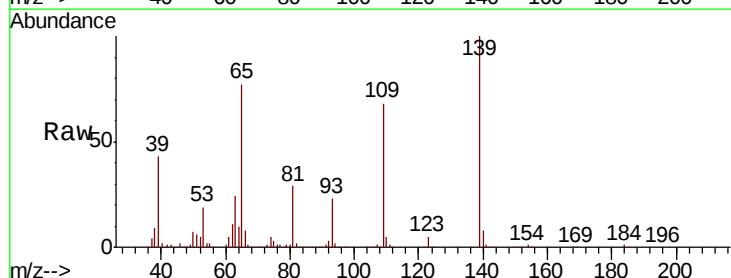
Instrument :
BNA_F
ClientSampleId :

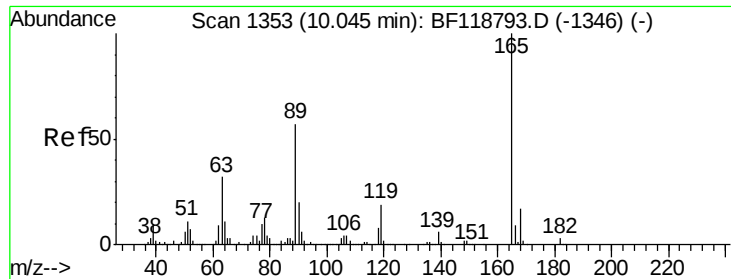
Tot Ion:168 Resp: 3653138
Ion Ratio Lower Upper
168 100
139 44.3 31.6 47.4
169 15.2 11.4 17.2



#56
4-Nitrophenol
Concen: 94.692 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Tgt Ion:139 Resp: 731833
Ion Ratio Lower Upper
139 100
109 67.7 48.0 88.0
65 77.4 68.3 108.3

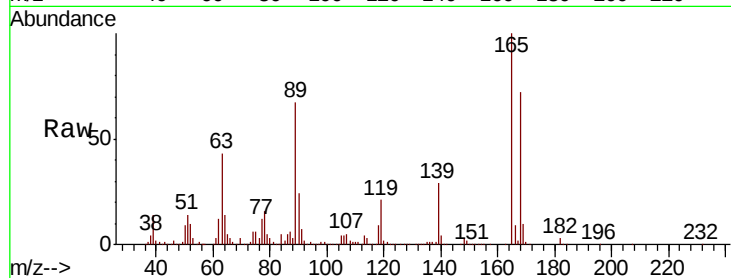




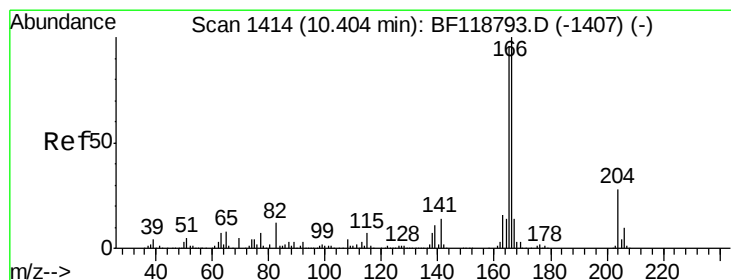
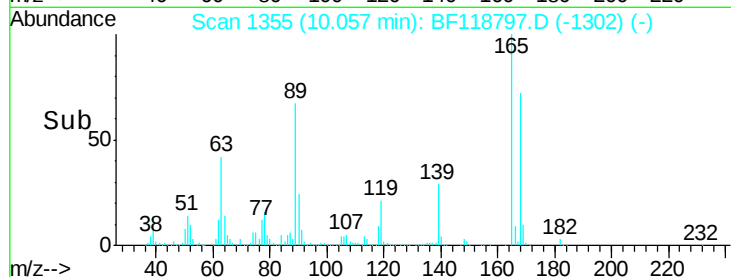
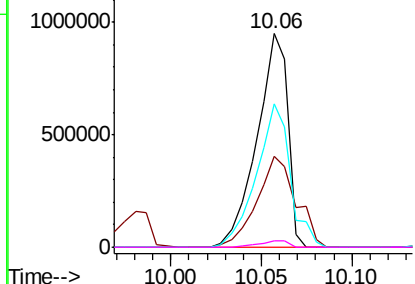
#57
2,4-Dinitrotoluene
Concen: 99.109 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 1120195
Ion Ratio Lower Upper
165 100
63 42.5 25.5 38.3#
89 67.4 45.4 68.0
182 3.1 2.4 3.6

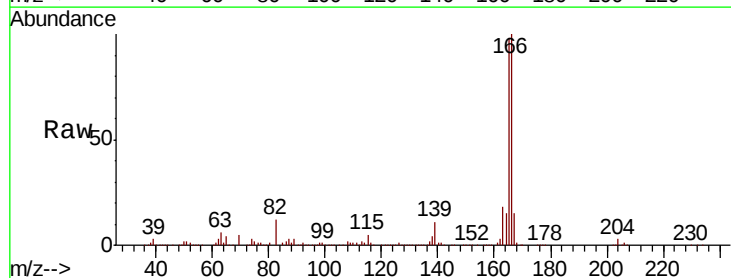


Abundance Ion 165.00 (164.70 to 165.70): E
1500000
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

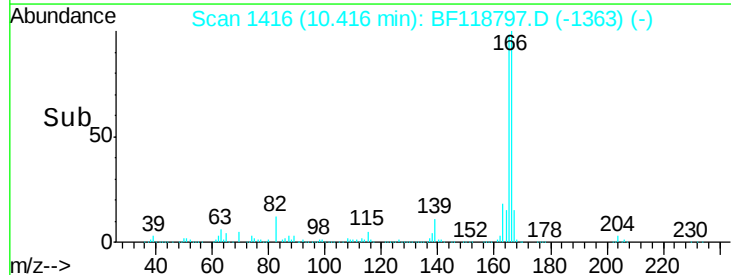
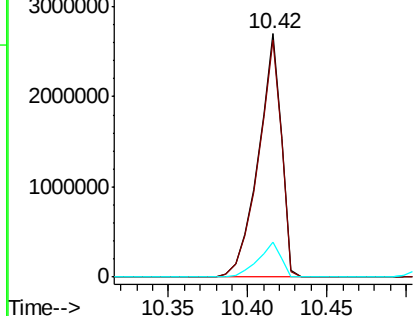


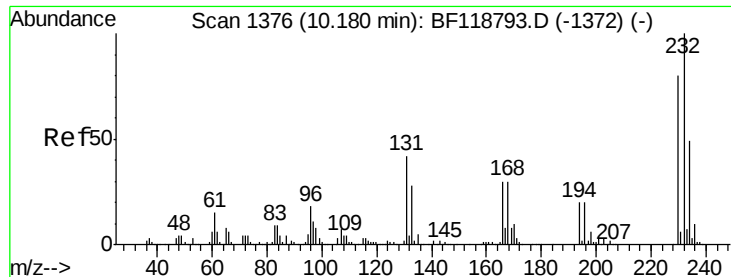
#58
Fluorene
Concen: 74.829 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Tgt Ion:166 Resp: 2733927
Ion Ratio Lower Upper
166 100
165 97.6 77.0 115.6
167 14.5 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
3000000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

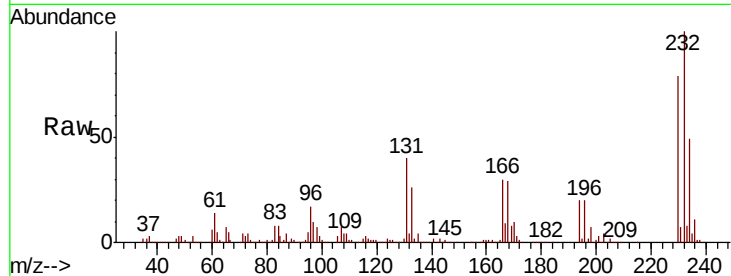




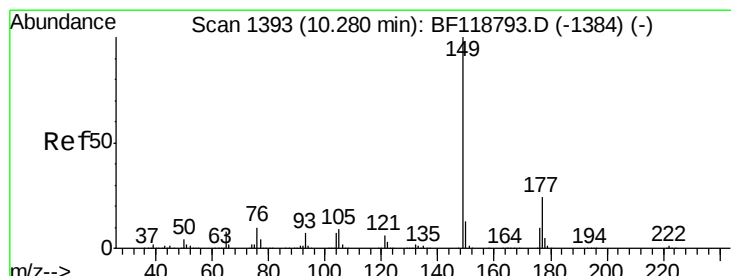
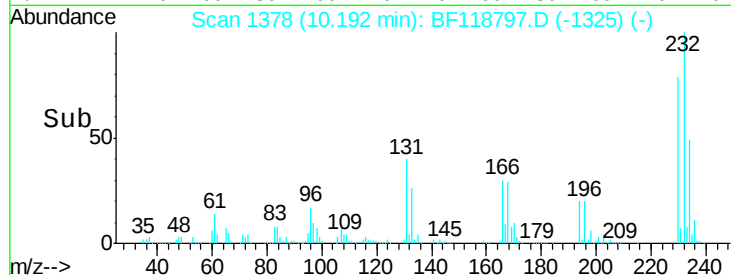
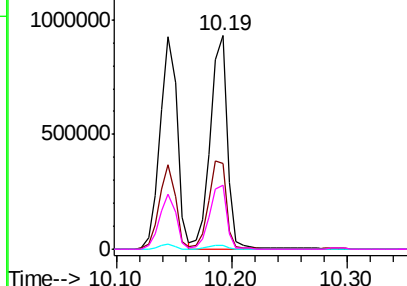
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 83.523 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.01 min
 Lab File: BF118797.D
 Acq: 3 Feb 2020 14:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 957360
 Ion Ratio Lower Upper
 232 100
 131 42.3 31.8 47.6
 130 2.2 1.6 2.4
 166 30.0 23.1 34.7

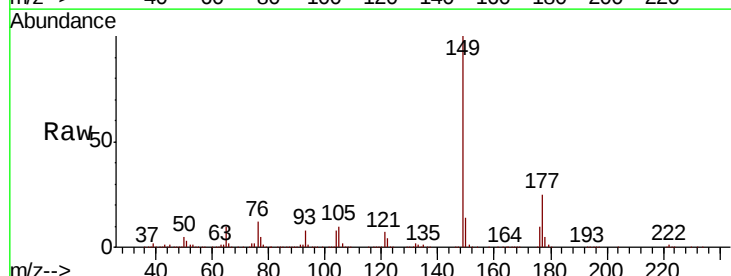


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

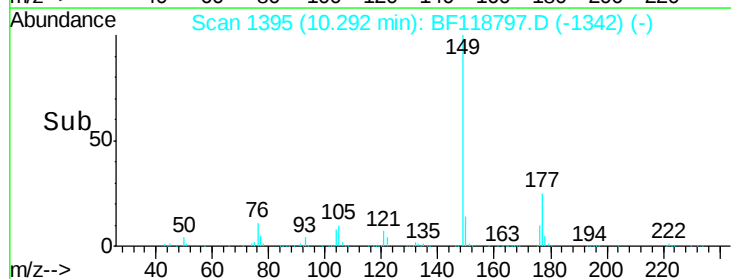
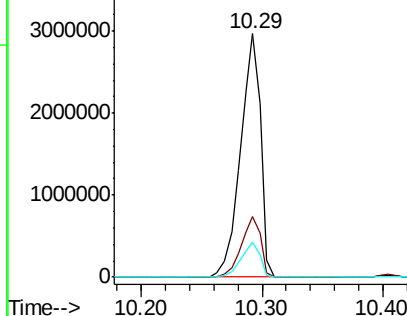


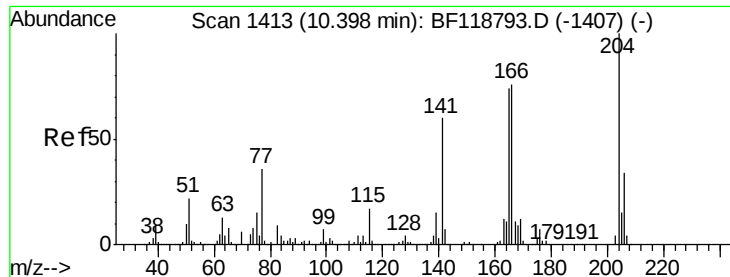
#60
 Diethylphthalate
 Concen: 88.079 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.01 min
 Lab File: BF118797.D
 Acq: 3 Feb 2020 14:07

Tgt Ion:149 Resp: 3419295
 Ion Ratio Lower Upper
 149 100
 177 24.9 19.3 28.9
 150 14.2 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

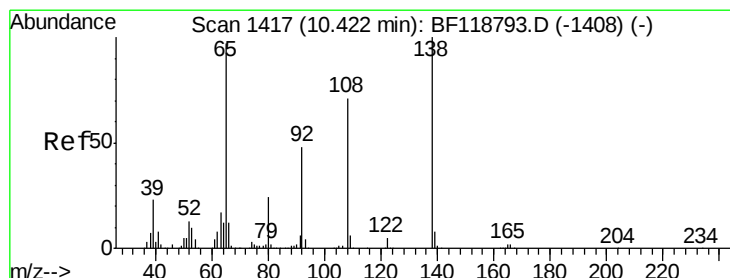
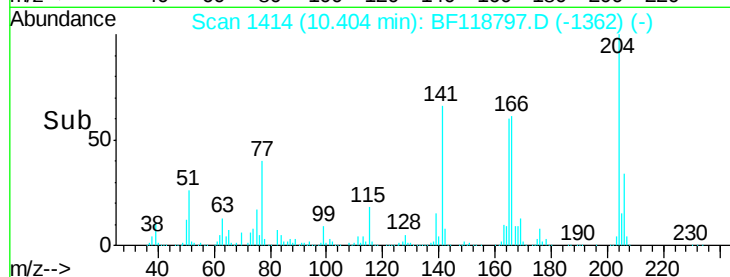
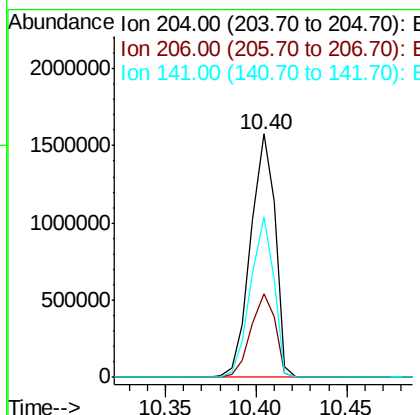
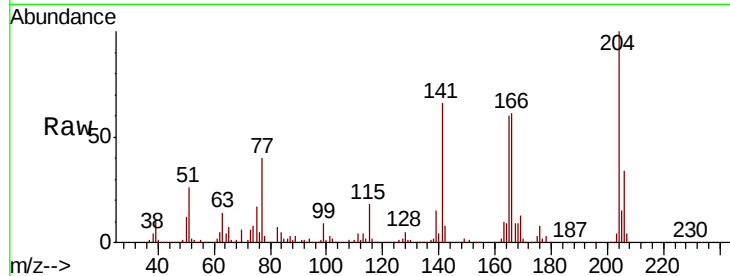




#61
4-Chlorophenyl-phenylether
Concen: 75.033 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

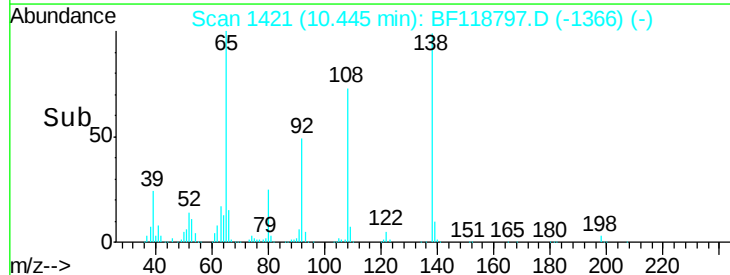
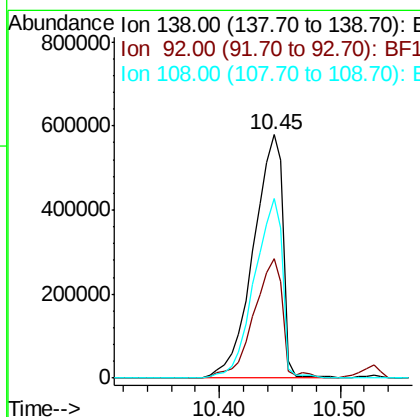
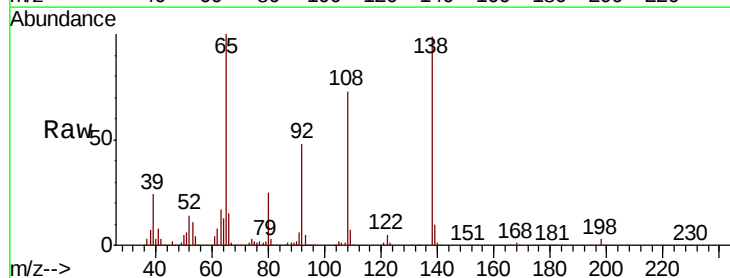
Instrument :
BNA_F
ClientSampleId :

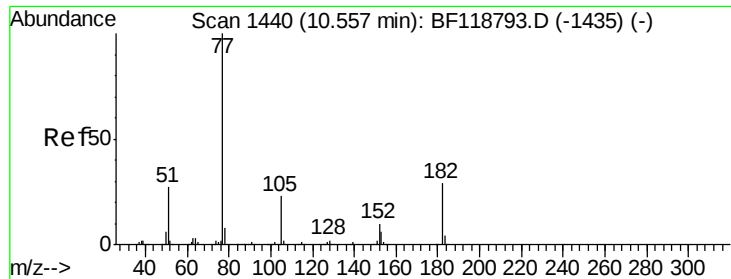
Tot Ion:204 Resp: 1490979
Ion Ratio Lower Upper
204 100
206 34.5 27.4 41.2
141 66.1 47.8 71.6



#62
4-Nitroaniline
Concen: 94.006 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.02 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Tgt Ion:138 Resp: 987204
Ion Ratio Lower Upper
138 100
92 49.0 27.6 67.6
108 73.9 51.3 91.3





#63

Azobenzene

Concen: 77.034 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2896218

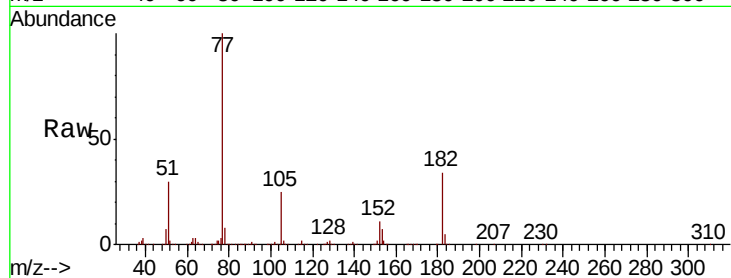
Ion Ratio Lower Upper

77 100

182 34.2 9.2 49.2

105 25.0 3.1 43.1

51 30.4 7.4 47.4

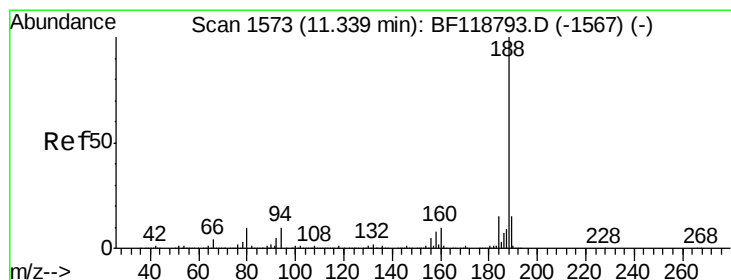
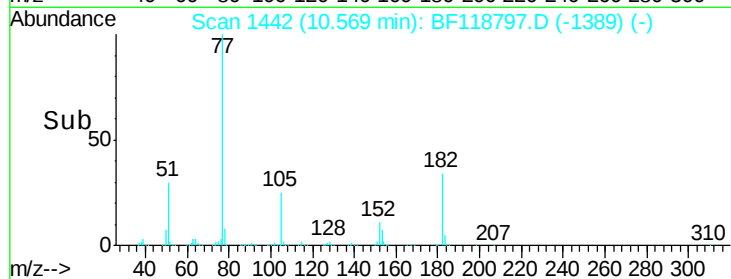
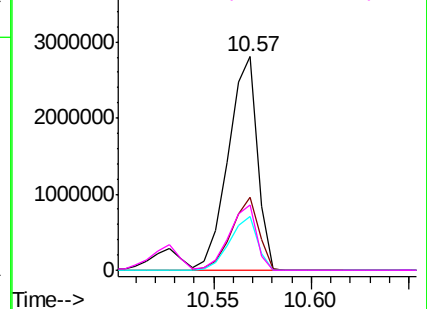


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

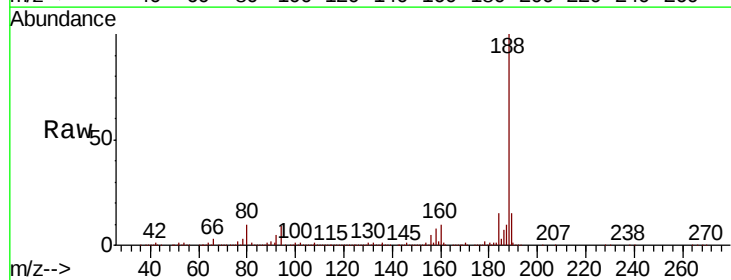
Tgt Ion: 188 Resp: 1139246

Ion Ratio Lower Upper

188 100

94 8.9 7.9 11.9

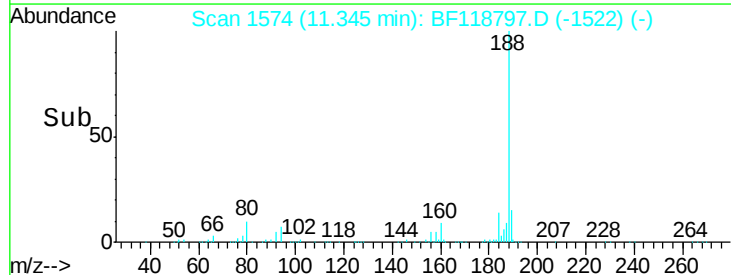
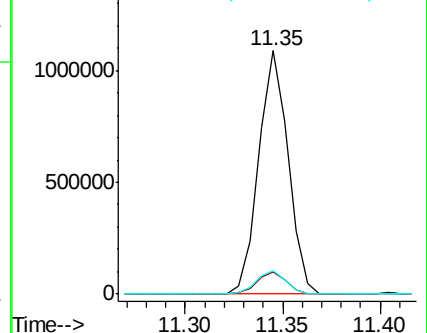
80 9.8 8.4 12.6

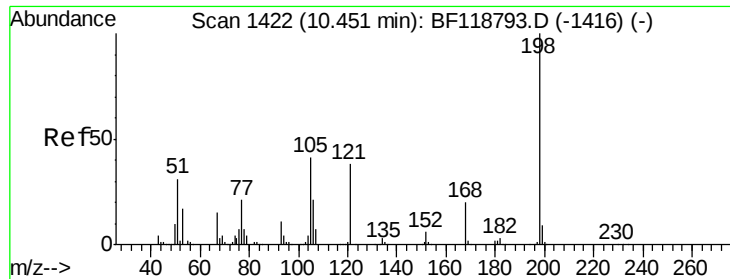


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

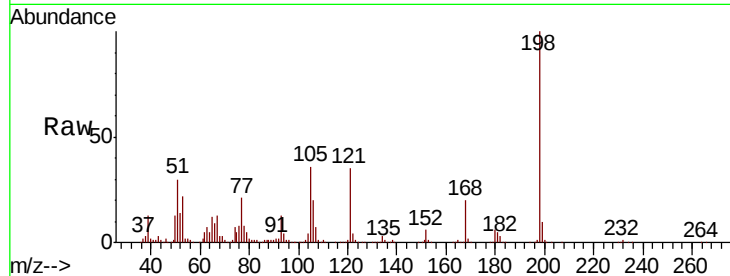




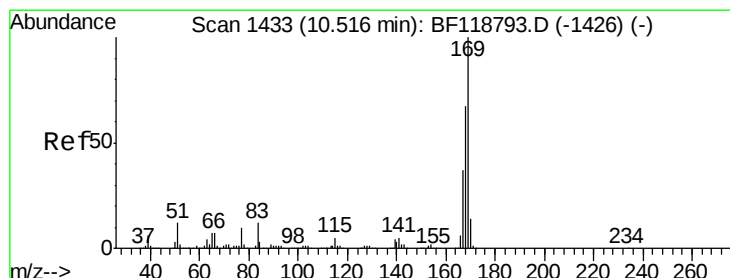
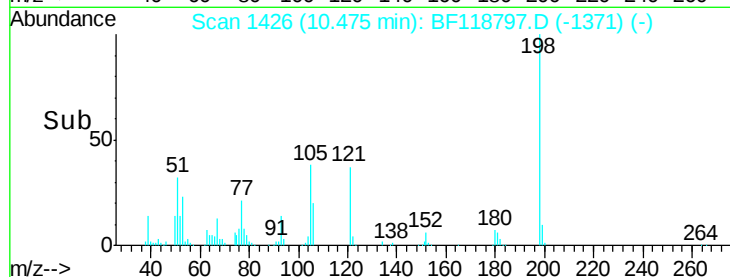
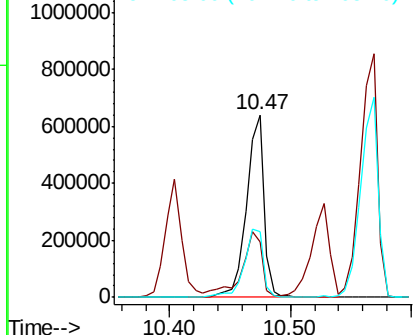
#65
4,6-Dinitro-2-methylphenol
Concen: 129.834 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.02 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 650410
Ion Ratio Lower Upper
198 100
51 30.4 16.7 56.7
105 35.9 22.0 62.0

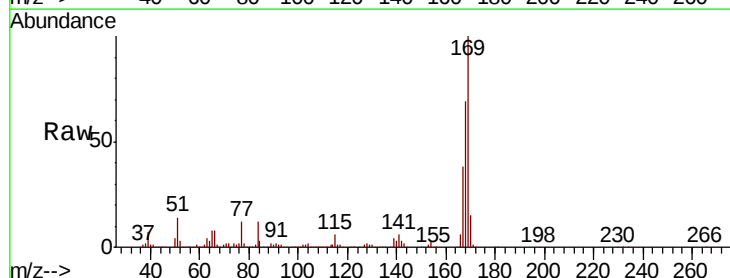


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

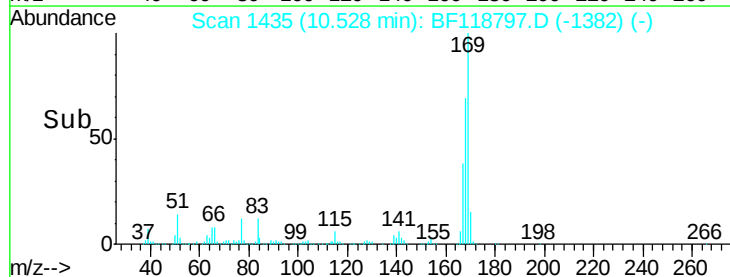
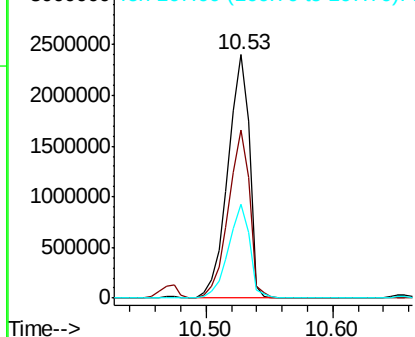


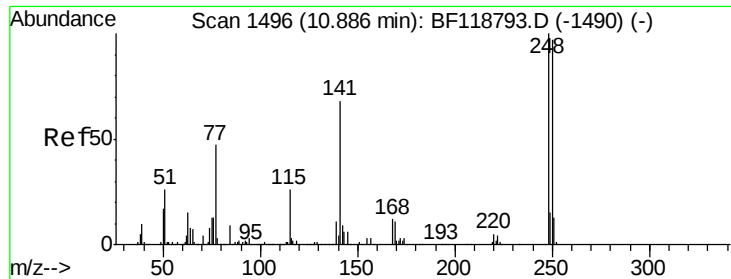
#66
n-Nitrosodiphenylamine
Concen: 81.125 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Tgt Ion:169 Resp: 2787212
Ion Ratio Lower Upper
169 100
168 69.0 53.5 80.3
167 38.3 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

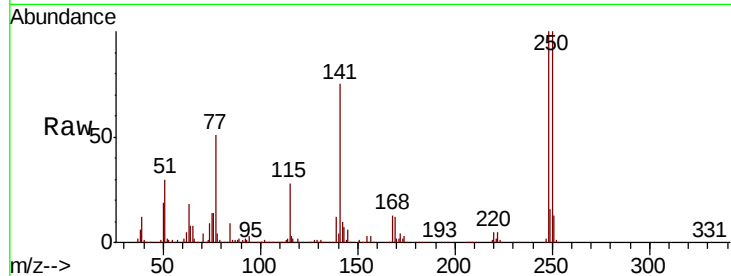




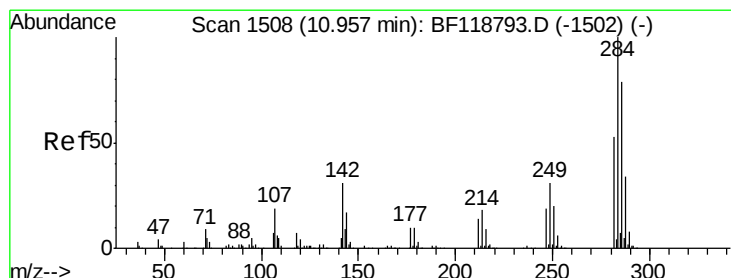
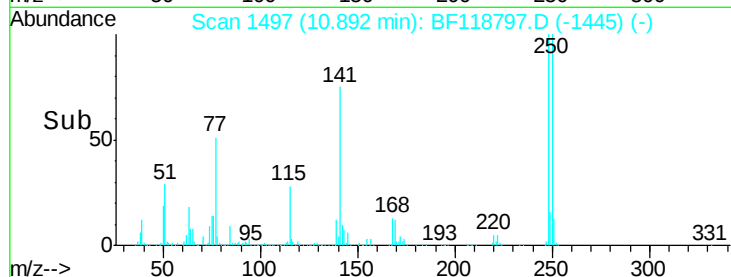
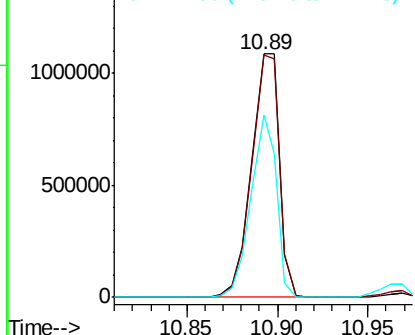
#67
4-Bromophenyl-phenylether
Concen: 82.548 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 1161858
Ion Ratio Lower Upper
248 100
250 99.8 77.6 116.4
141 74.8 54.4 81.6

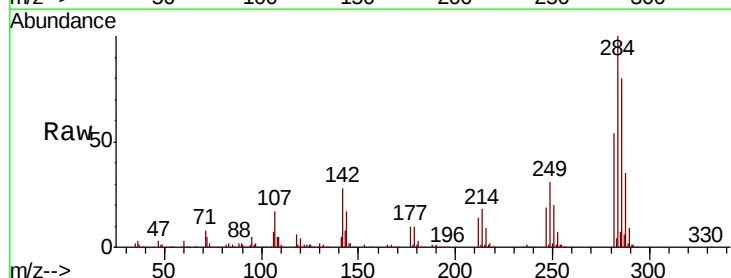


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

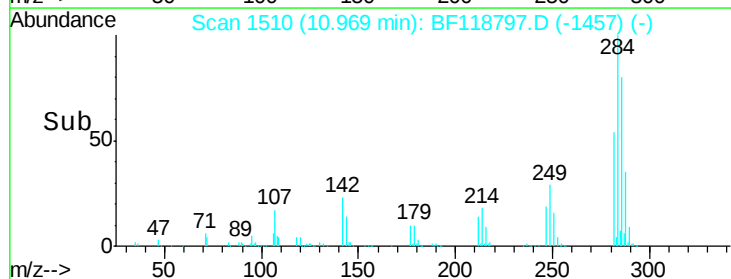
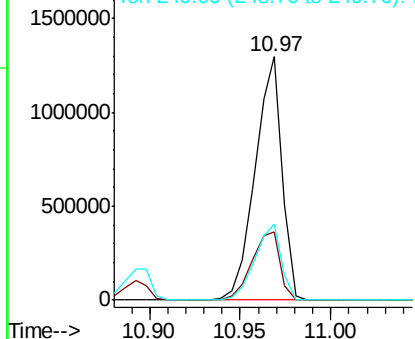


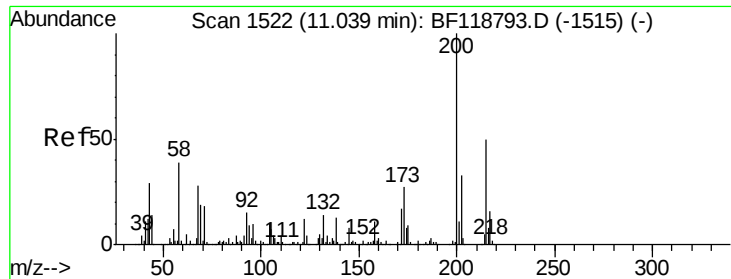
#68
Hexachlorobenzene
Concen: 83.022 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Tgt Ion:284 Resp: 1324818
Ion Ratio Lower Upper
284 100
142 28.2 24.5 36.7
249 30.9 24.7 37.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

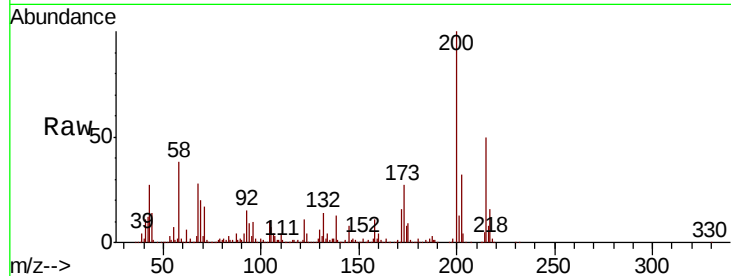




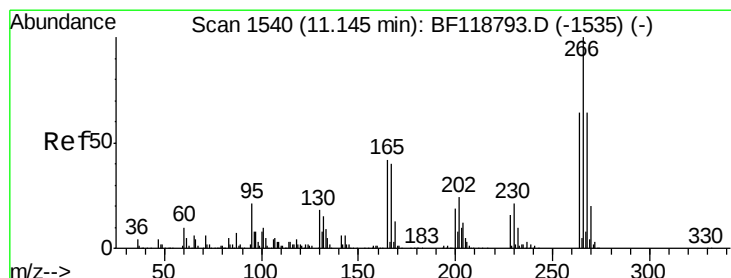
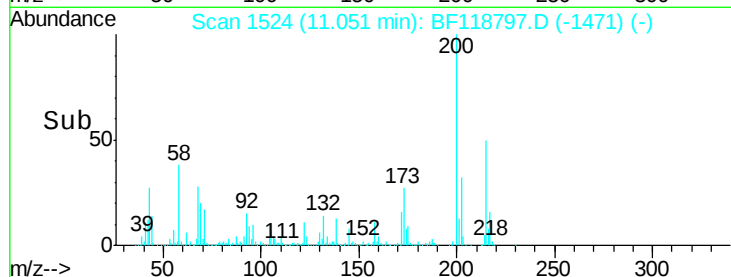
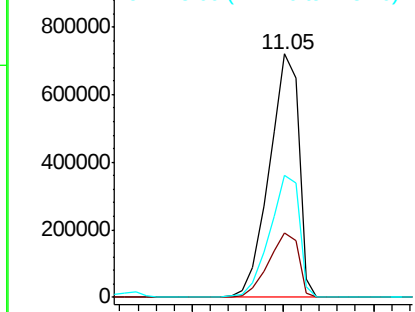
#69
Atrazine
Concen: 68.463 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	7.5	47.5
215	50.0	29.9	69.9

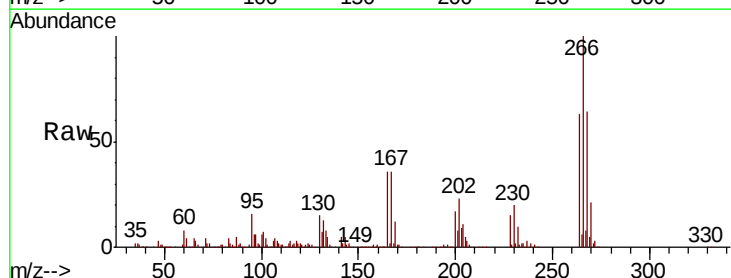


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

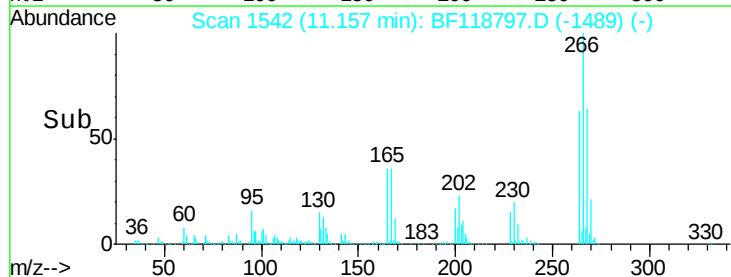
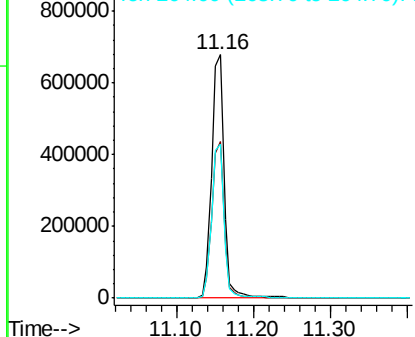


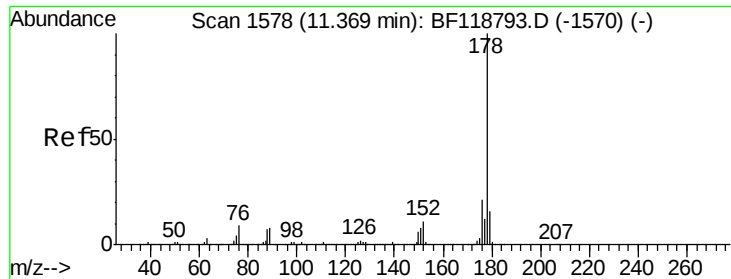
#70
Pentachlorophenol
Concen: 84.638 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.0	76.6
264	63.3	51.4	77.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

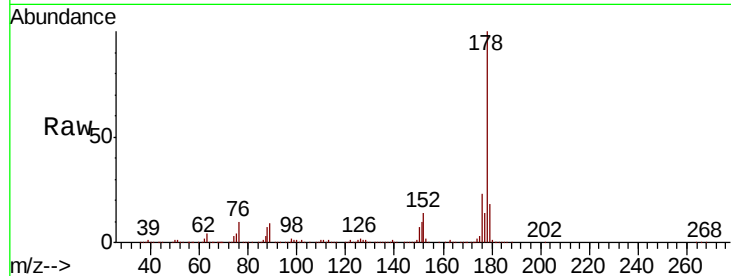




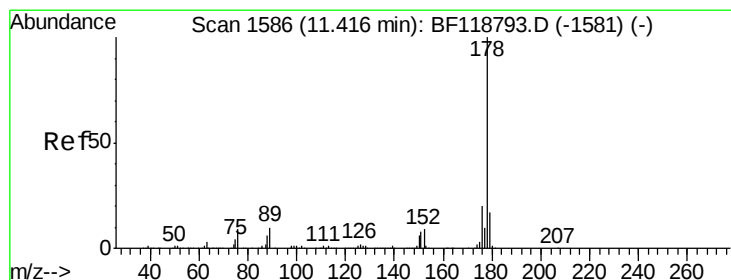
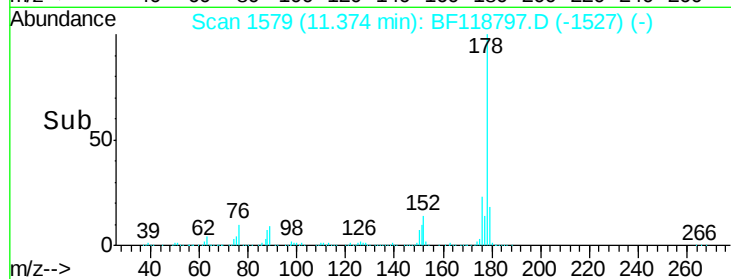
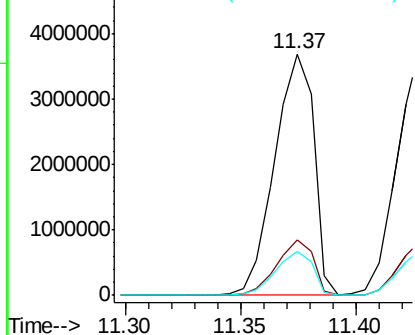
#71
Phenanthrene
Concen: 79.101 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 4347564
Ion Ratio Lower Upper
178 100
176 22.9 16.6 24.8
179 18.0 13.2 19.8

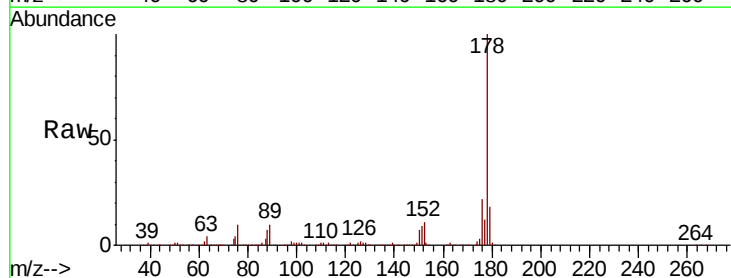


Abundance Ion 178.00 (177.70 to 178.70): E
5000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

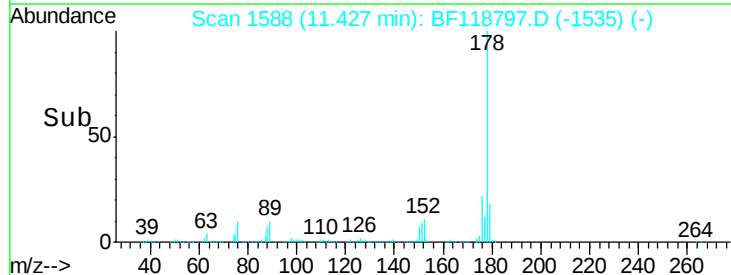
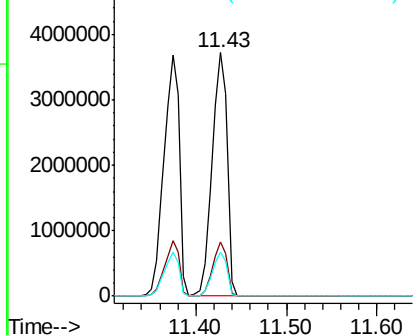


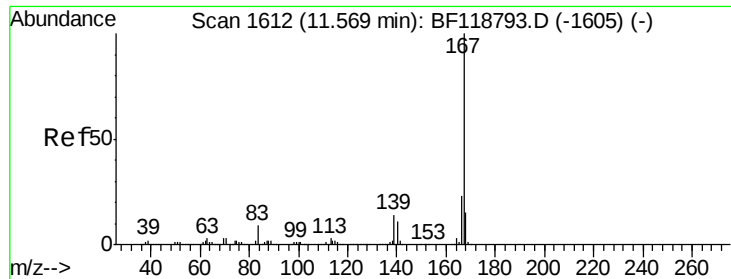
#72
Anthracene
Concen: 79.205 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Tgt Ion:178 Resp: 4307534
Ion Ratio Lower Upper
178 100
176 22.2 16.2 24.2
179 18.0 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E
5000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

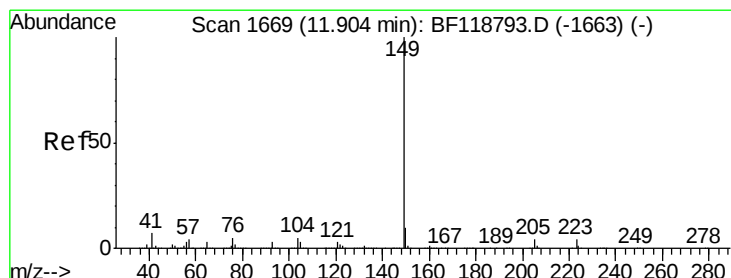
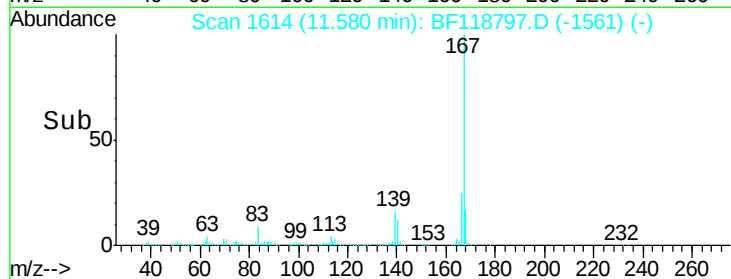
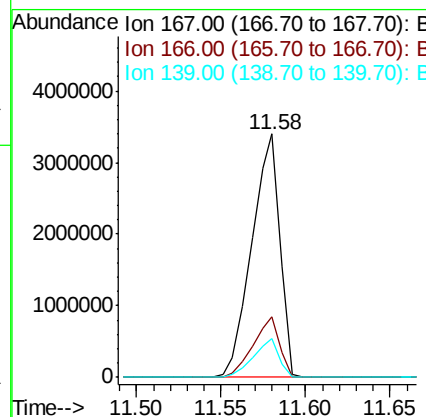
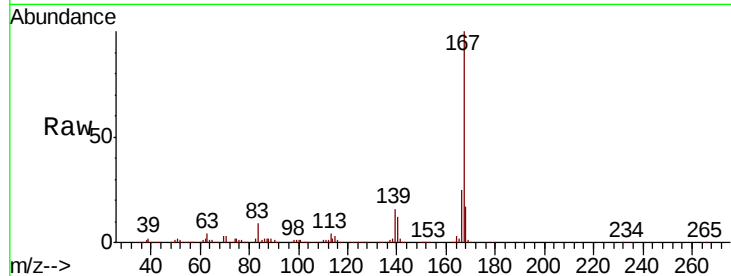




#73
 Carbazole
 Concen: 79.083 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BF118797.D
 Acq: 3 Feb 2020 14:07

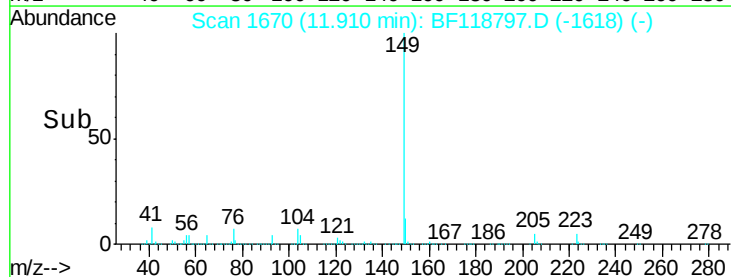
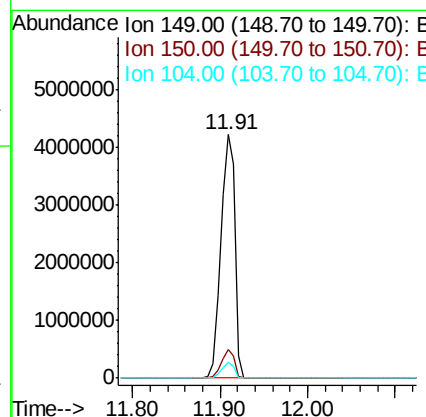
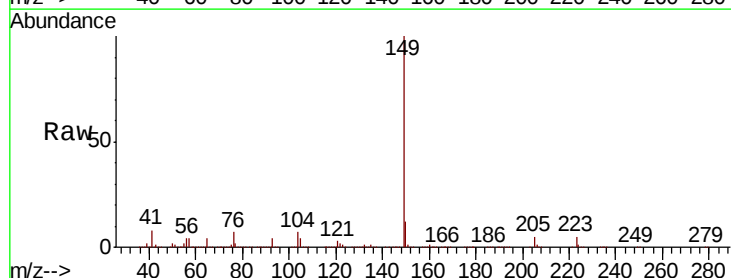
Instrument :
 BNA_F
 ClientSampleId :

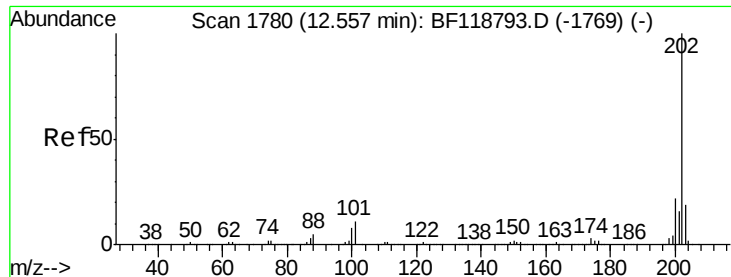
Tot Ion:167 Resp: 3944961
 Ion Ratio Lower Upper
 167 100
 166 24.7 18.4 27.6
 139 15.7 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 84.466 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.01 min
 Lab File: BF118797.D
 Acq: 3 Feb 2020 14:07

Tgt Ion:149 Resp: 4681267
 Ion Ratio Lower Upper
 149 100
 150 11.6 8.1 12.1
 104 6.7 4.3 6.5#

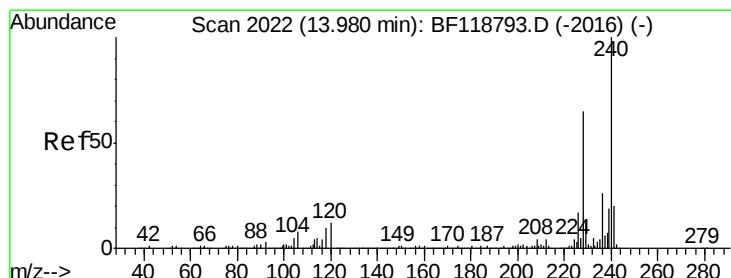
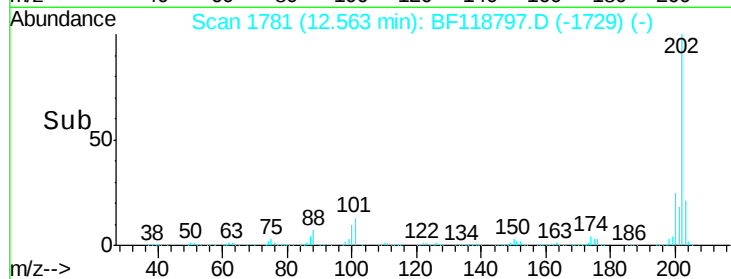
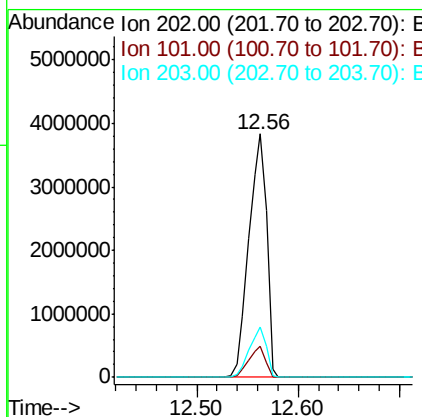
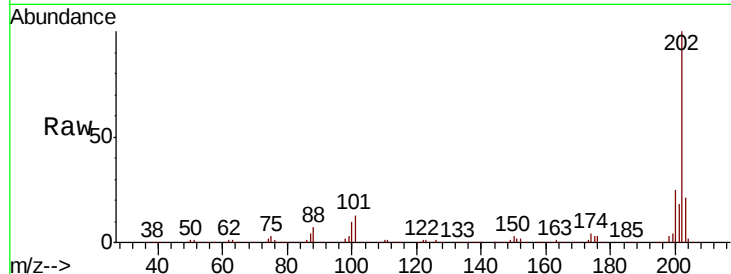




#75
 Fluoranthene
 Concen: 80.650 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. 0.01 min
 Lab File: BF118797.D
 Acq: 3 Feb 2020 14:07

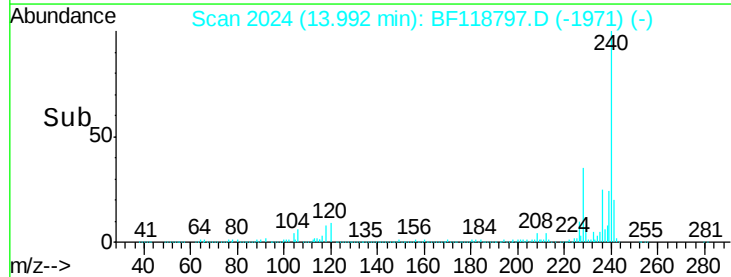
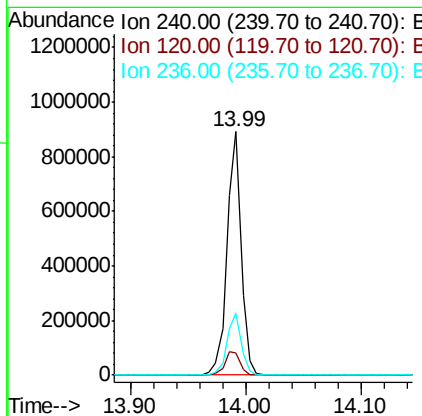
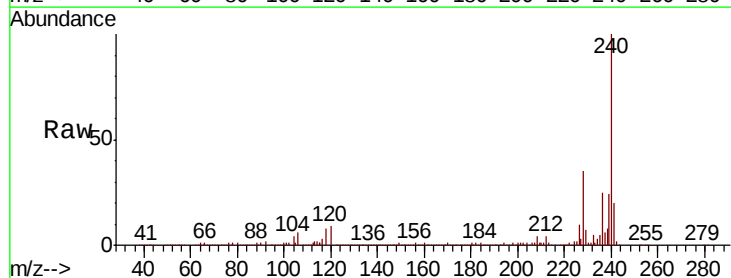
Instrument :
 BNA_F
 ClientSampleId :

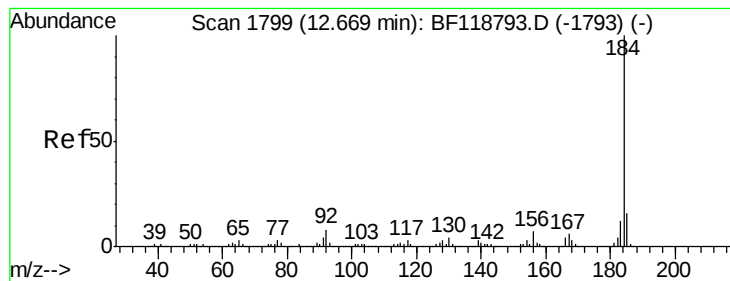
Tot Ion:202 Resp: 4675243
 Ion Ratio Lower Upper
 202 100
 101 12.8 0.0 31.0
 203 20.8 0.0 38.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BF118797.D
 Acq: 3 Feb 2020 14:07

Tgt Ion:240 Resp: 753574
 Ion Ratio Lower Upper
 240 100
 120 9.0 9.4 14.0#
 236 25.3 21.0 31.6





#77

Benzidine

Concen: 70.517 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

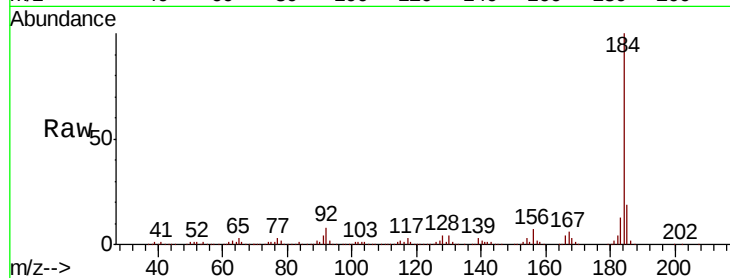
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1419844

Ion	Ratio	Lower	Upper
184	100		
185	19.0	12.5	18.7#
183	12.7	9.7	14.5

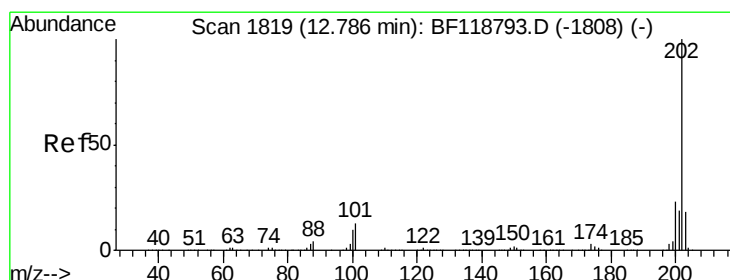
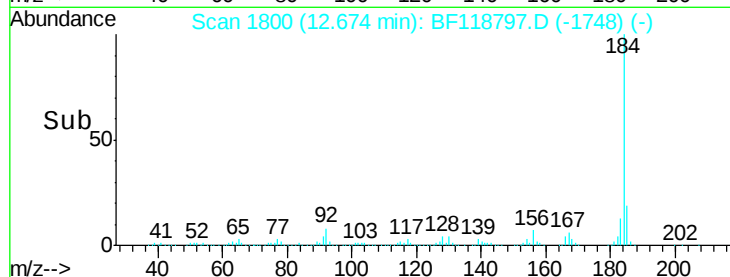
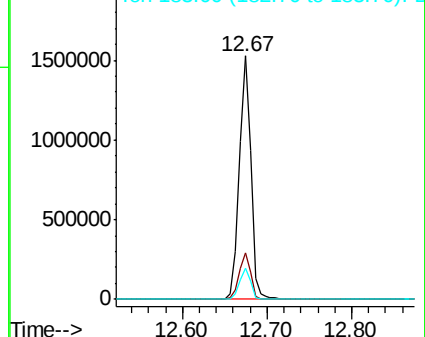


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 92.233 ng

RT: 12.79 min Scan# 1820

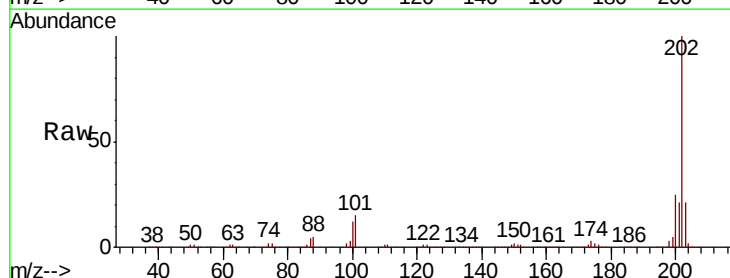
Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

Tgt Ion:202 Resp: 4718718

Ion	Ratio	Lower	Upper
202	100		
200	25.0	18.2	27.2
203	20.6	14.8	22.2

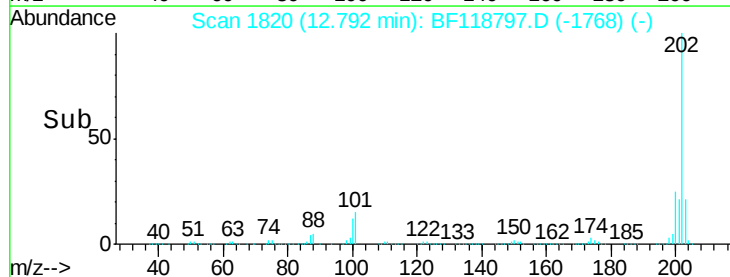
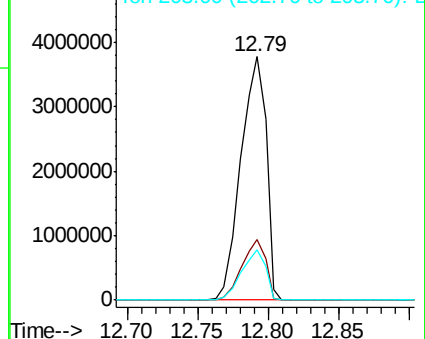


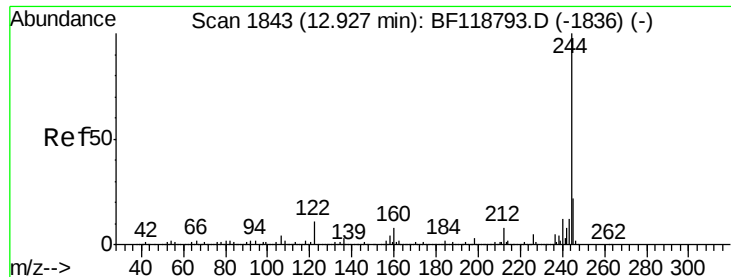
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 178.544 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

Instrument :

BNA_F

ClientSampleId :

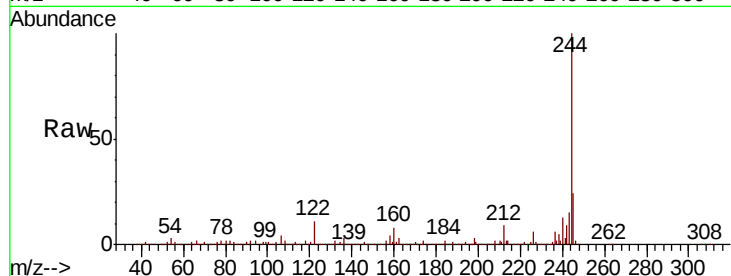
Tot Ion:244 Resp: 6168736

Ion Ratio Lower Upper

244 100

212 9.2 6.5 9.7

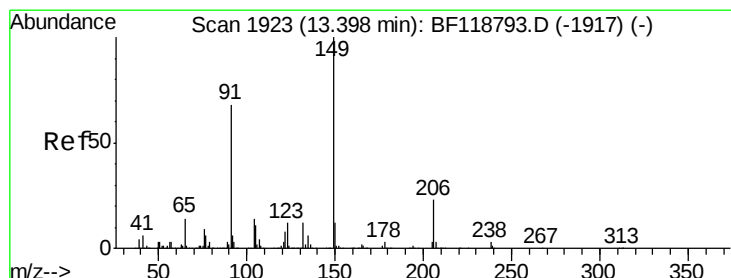
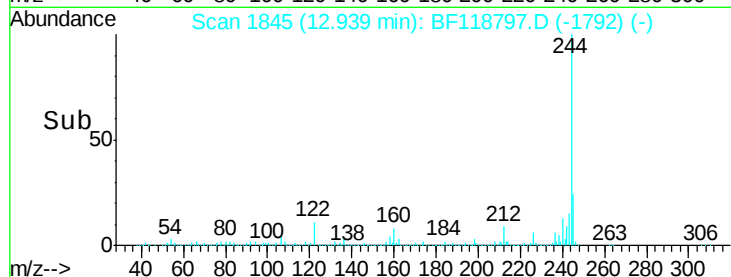
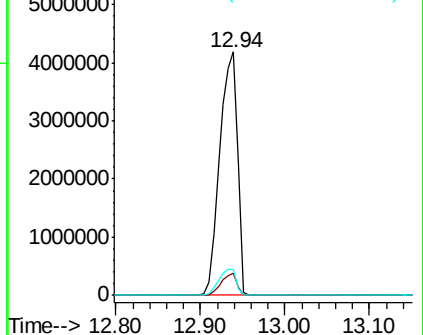
122 10.8 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 107.497 ng

RT: 13.41 min Scan# 1925

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

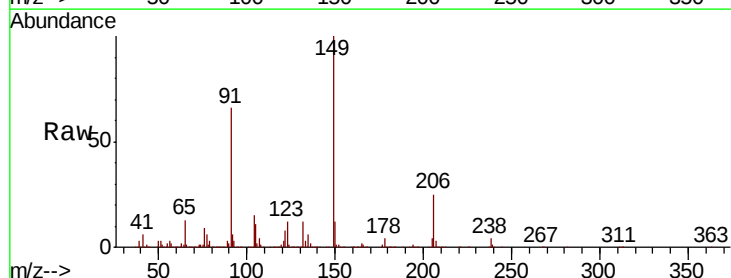
Tgt Ion:149 Resp: 2250796

Ion Ratio Lower Upper

149 100

91 66.2 54.7 82.1

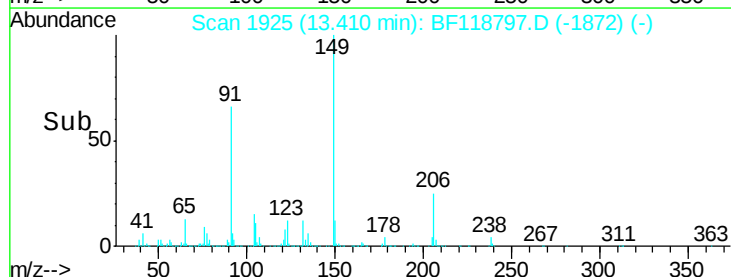
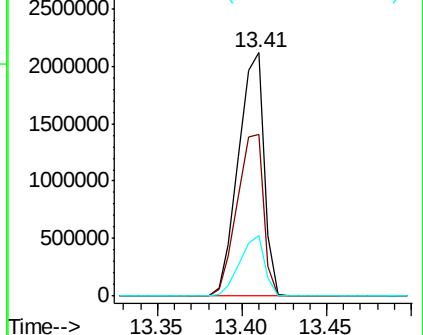
206 24.8 18.5 27.7

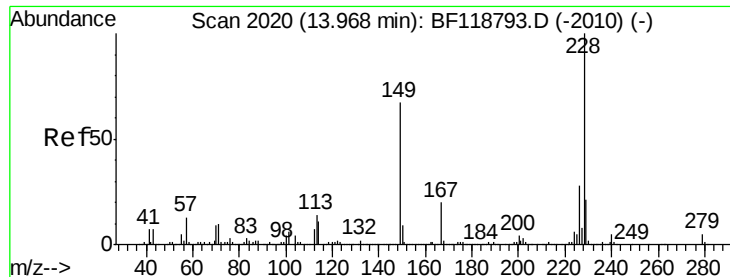


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 84.824 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

Instrument :

BNA_F

ClientSampleId :

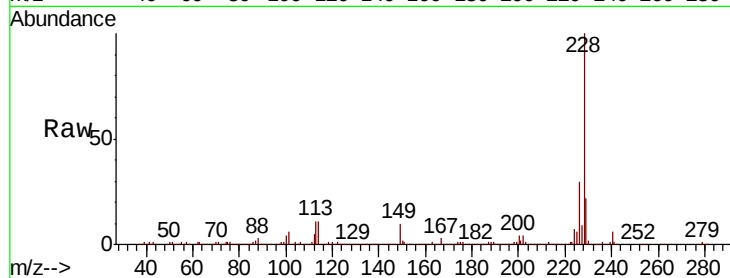
Tot Ion:228 Resp: 3845188

Ion Ratio Lower Upper

228 100

226 30.1 22.7 34.1

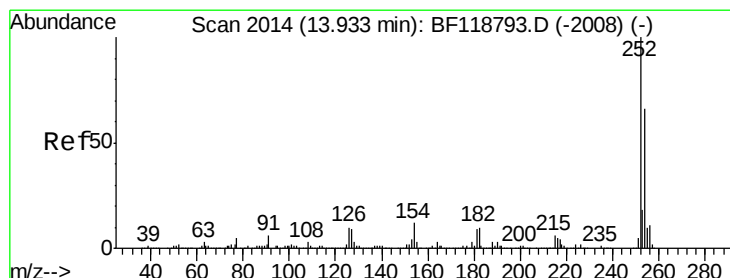
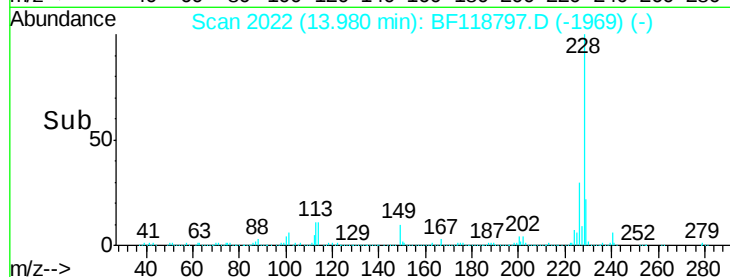
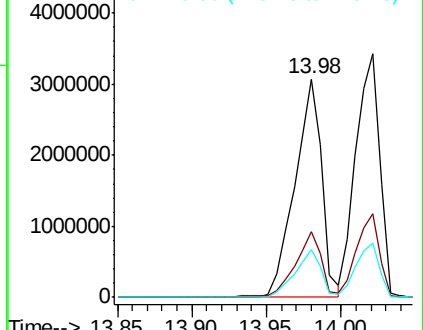
229 21.8 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 93.104 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

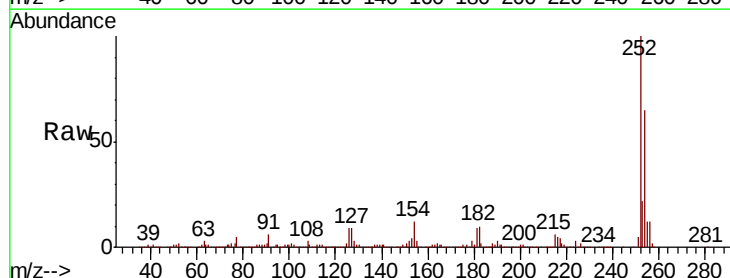
Tgt Ion:252 Resp: 1503908

Ion Ratio Lower Upper

252 100

254 65.1 52.4 78.6

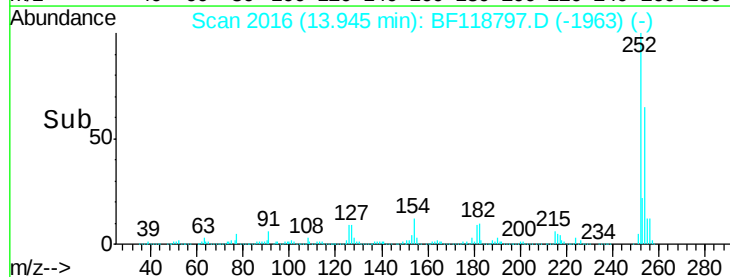
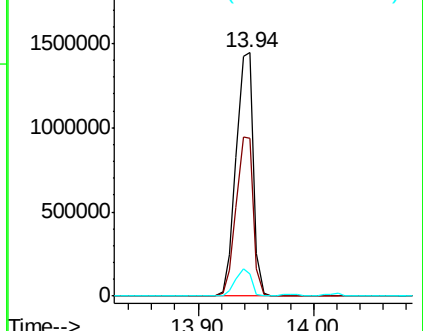
126 9.0 7.8 11.8

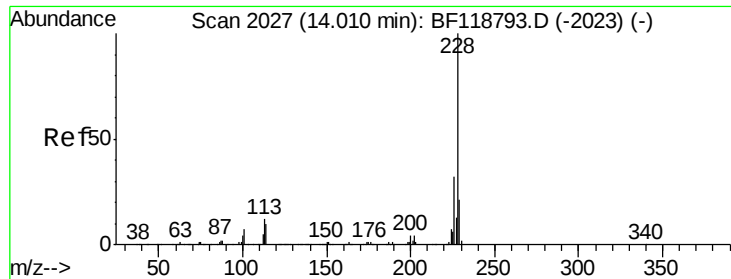


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 88.140 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

Instrument :

BNA_F

ClientSampleId :

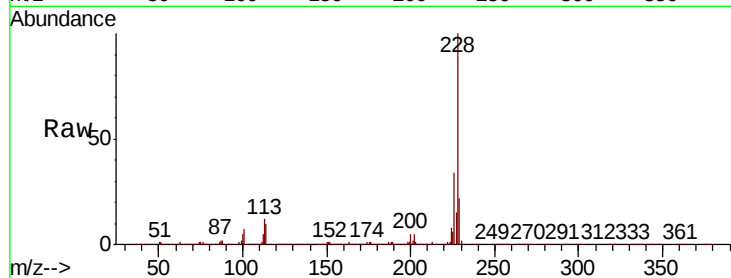
Tot Ion:228 Resp: 3829297

Ion Ratio Lower Upper

228 100

226 34.4 25.4 38.0

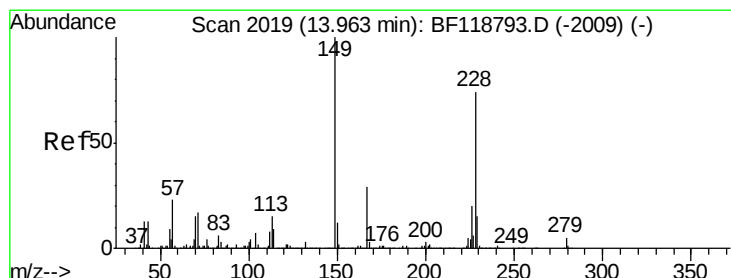
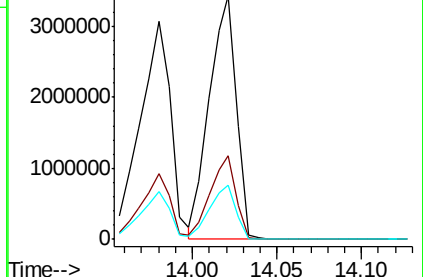
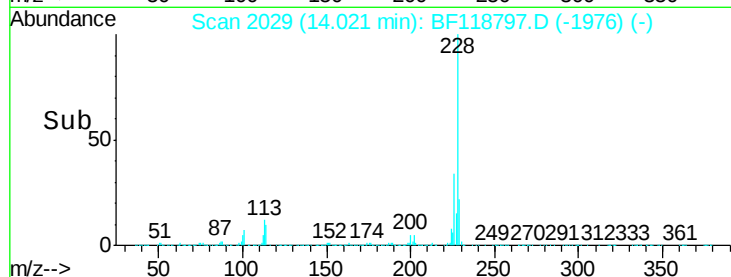
229 22.5 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 102.325 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

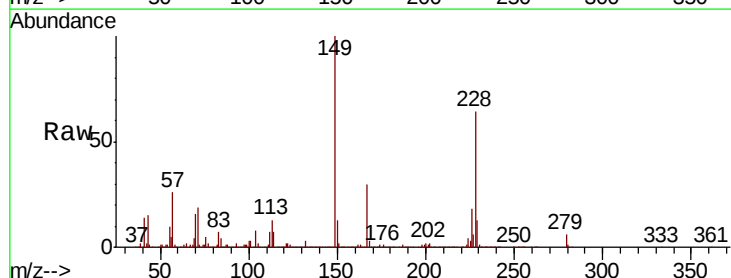
Tgt Ion:149 Resp: 2617545

Ion Ratio Lower Upper

149 100

167 29.9 23.0 34.6

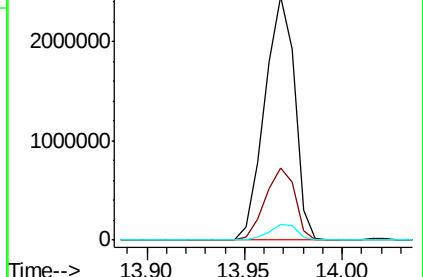
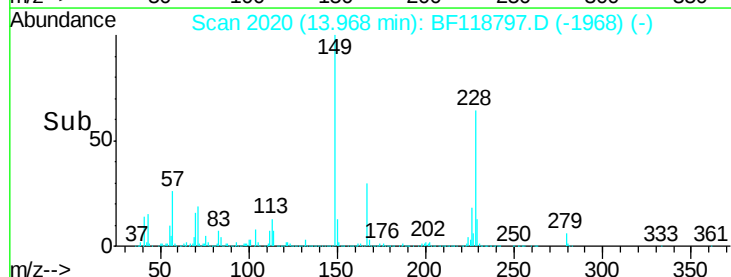
279 6.3 4.4 6.6

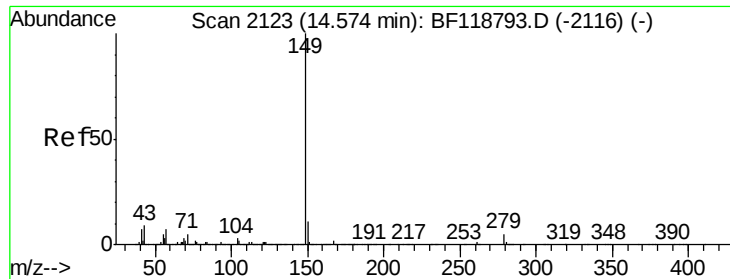


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

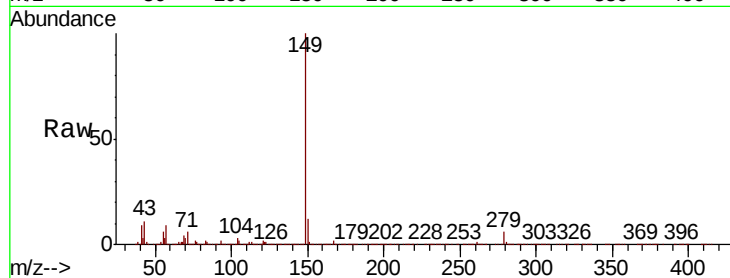




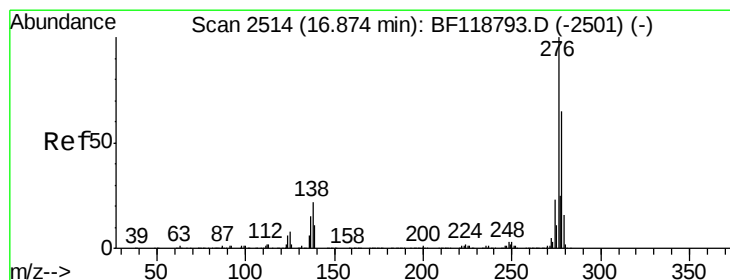
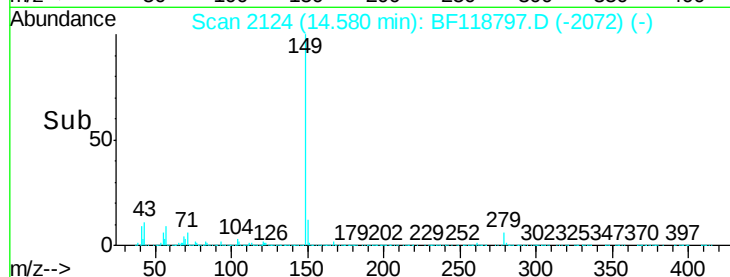
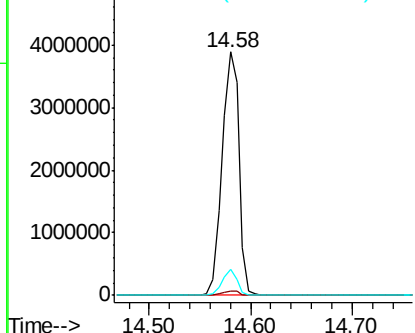
#85
Di-n-octyl phthalate
Concen: 118.138 ng
RT: 14.58 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 4473211
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 9.6 6.6 10.0

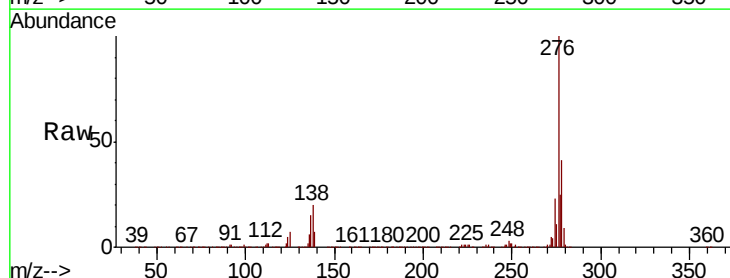


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

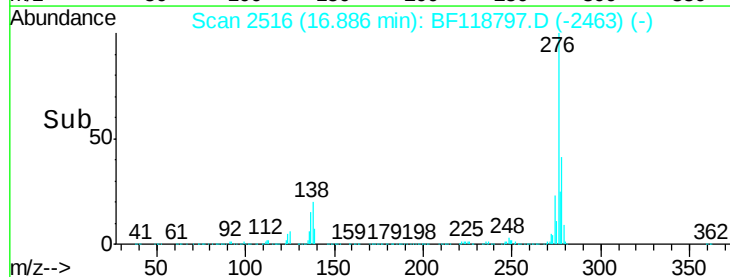
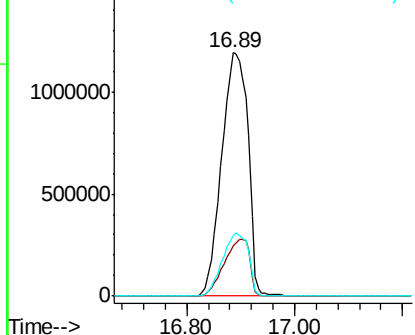


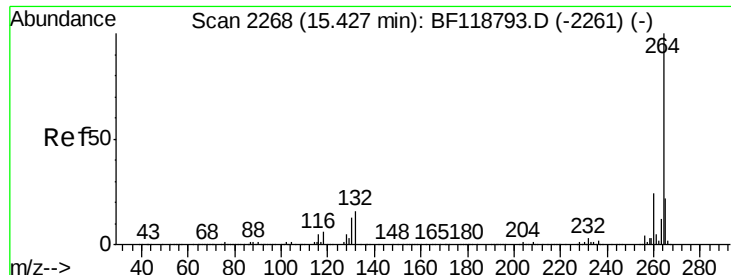
#86
Indeno(1,2,3-cd)pyrene
Concen: 108.264 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Tgt Ion:276 Resp: 4086973
Ion Ratio Lower Upper
276 100
138 22.7 18.3 27.5
277 25.8 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

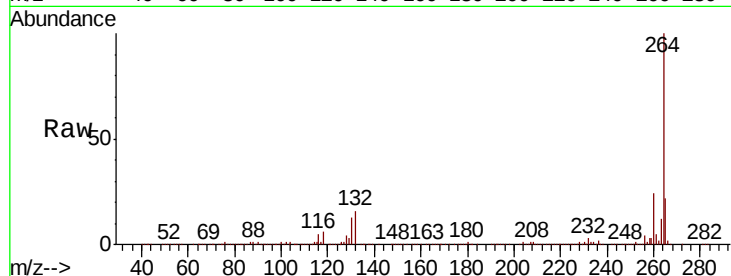




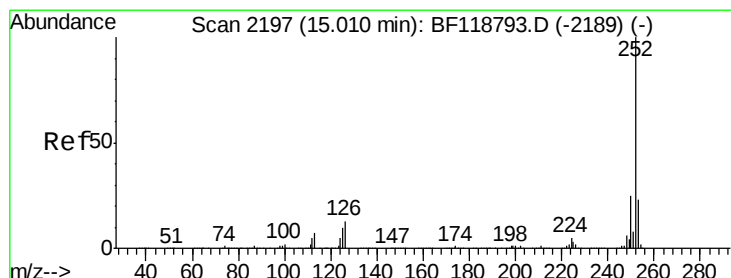
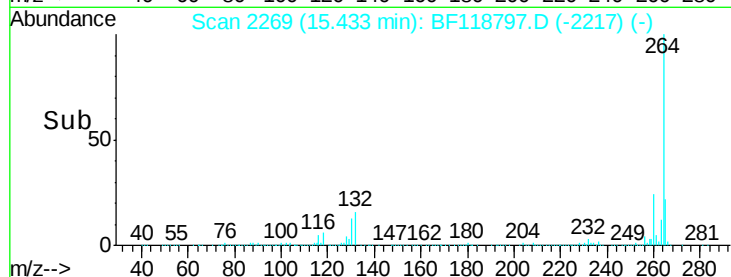
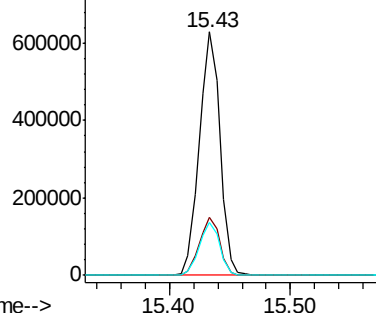
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 752201
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.8 17.2 25.8

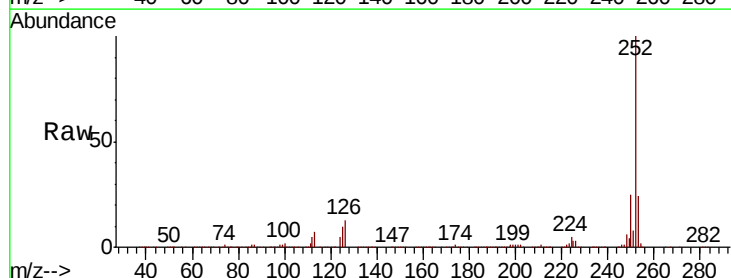


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

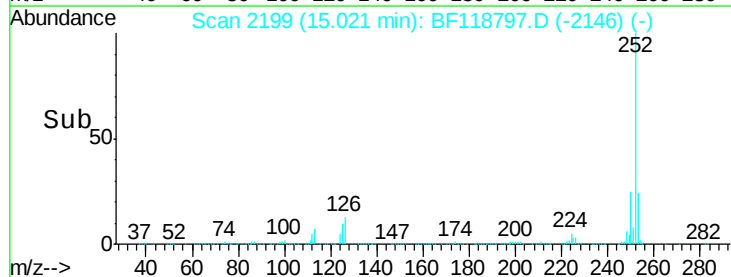
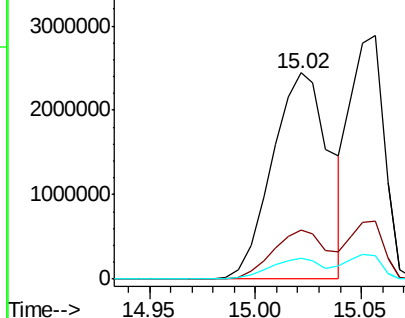


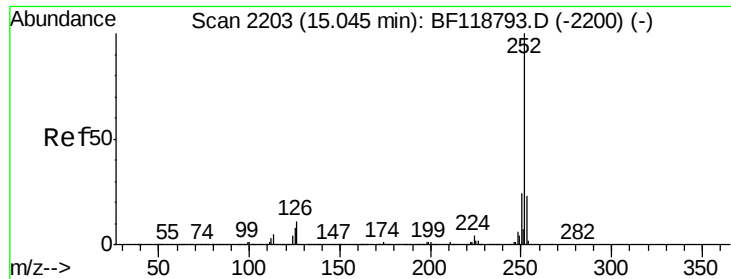
#88
Benzo(b)fluoranthene
Concen: 97.143 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Tgt Ion:252 Resp: 4593053
Ion Ratio Lower Upper
252 100
253 23.7 18.4 27.6
125 10.3 8.1 12.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 74.046 ng

RT: 15.06 min Scan# 2205

Delta R.T. 0.01 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

Instrument :

BNA_F

ClientSampleId :

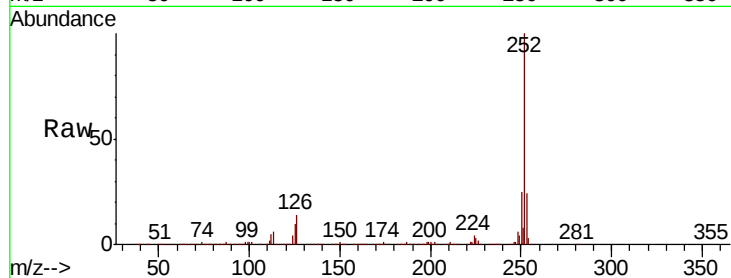
Tot Ion:252 Resp: 3243510

Ion Ratio Lower Upper

252 100

253 23.9 18.2 27.4

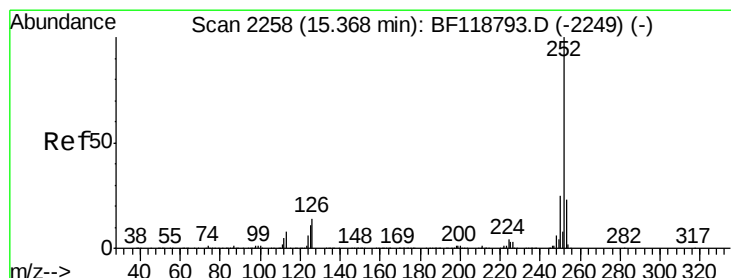
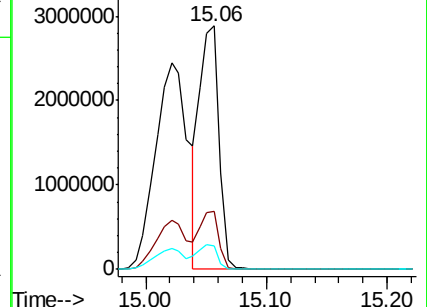
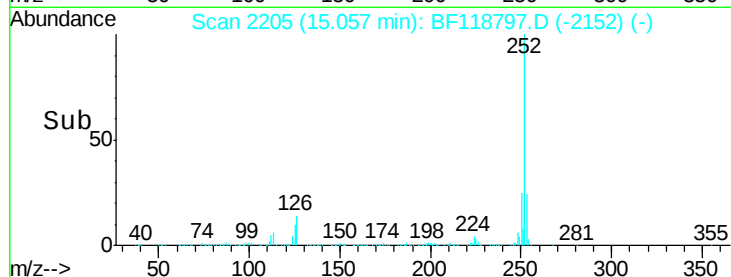
125 9.5 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 87.925 ng

RT: 15.39 min Scan# 2261

Delta R.T. 0.02 min

Lab File: BF118797.D

Acq: 3 Feb 2020 14:07

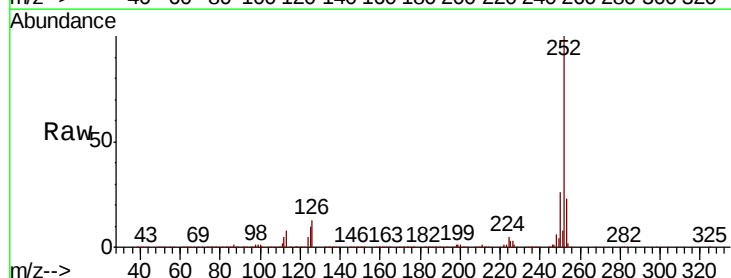
Tgt Ion:252 Resp: 3586130

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

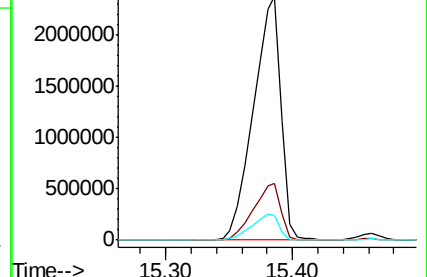
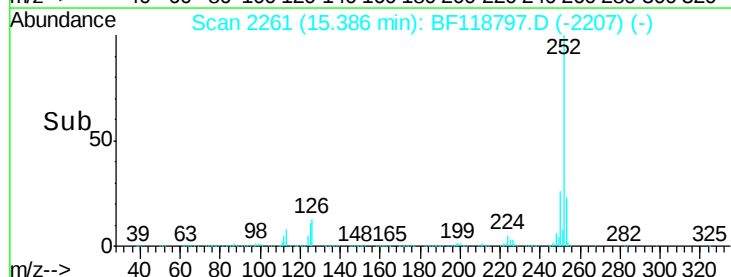
125 10.4 8.7 13.1

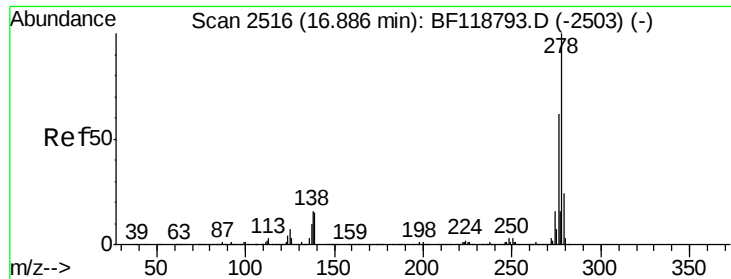


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

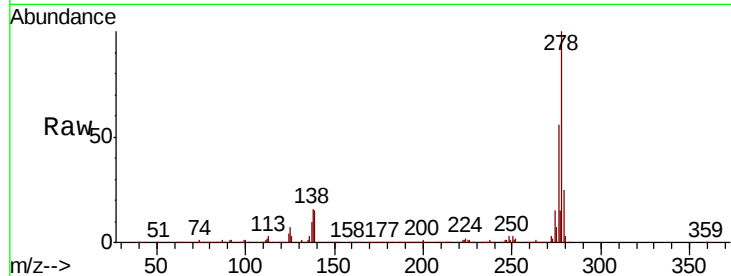




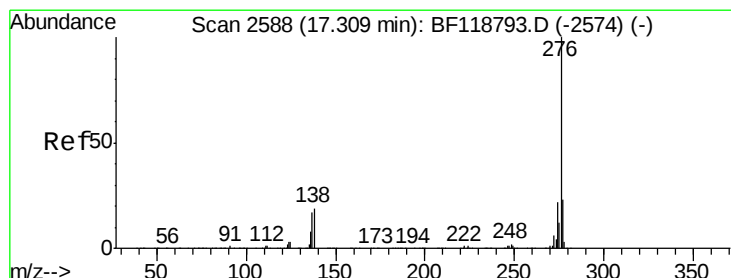
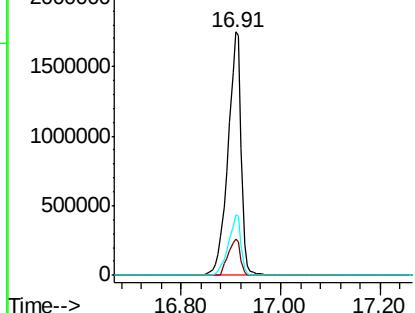
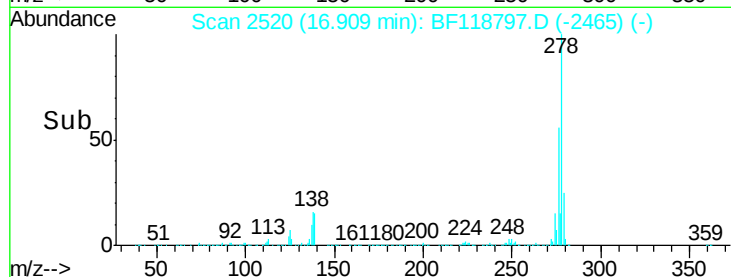
#91
Dibenzo(a,h)anthracene
Concen: 90.087 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.02 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 3250161
Ion Ratio Lower Upper
278 100
139 15.1 12.3 18.5
279 24.7 19.1 28.7

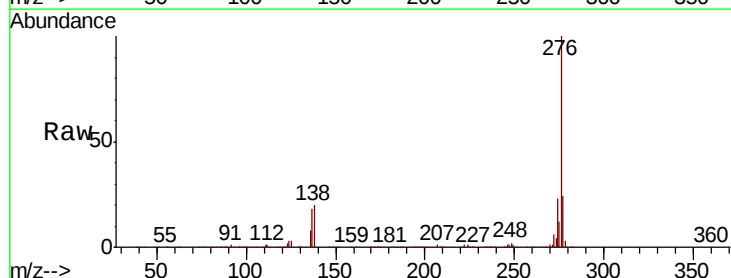


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 95.374 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.02 min
Lab File: BF118797.D
Acq: 3 Feb 2020 14:07

Tgt Ion:276 Resp: 3340921
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 20.4 15.4 23.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

