

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020320\
 Data File : BF118796.D
 Acq On : 3 Feb 2020 13:39
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 03 14:40:30 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	311662	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1084933	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	616606	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	1177441	20.00	ng	0.00
76) Chrysene-d12	13.99	240	805931	20.00	ng	0.00
87) Perylene-d12	15.43	264	791104	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	2309335	137.62	ng	0.00
7) Phenol-d6	6.46	99	2839277	130.18	ng	0.01
23) Nitrobenzene-d5	7.39	82	2728314	140.66	ng	0.01
42) 2,4,6-Tribromophenol	10.66	330	1084218	152.03	ng	0.01
45) 2-Fluorobiphenyl	9.19	172	4589453	122.34	ng	0.00
79) Terphenyl-d14	12.93	244	5419197	146.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	554123	68.177	ng	99
3) Pyridine	3.29	79	1549359	67.633	ng	97
4) n-Nitrosodimethylamine	3.26	42	576714	58.721	ng	98
6) Aniline	6.49	93	1857619	64.682	ng	98
8) 2-Chlorophenol	6.61	128	1279442	67.928	ng	98
9) Benzaldehyde	6.37	77	628596	47.390	ng	98
10) Phenol	6.48	94	1571720	63.233	ng	82
11) bis(2-Chloroethyl)ether	6.56	93	1247650	67.655	ng	99
12) 1,3-Dichlorobenzene	6.76	146	1525958	69.218	ng	98
13) 1,4-Dichlorobenzene	6.84	146	1517594	68.576	ng	98
14) 1,2-Dichlorobenzene	7.00	146	1351403	64.960	ng	97
15) Benzyl Alcohol	6.97	79	1108241	64.073	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1517964	59.095	ng	97
17) 2-Methylphenol	7.08	107	1102175	70.251	ng	98
18) Hexachloroethane	7.33	117	560102	69.798	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	900999	61.180	ng	98
20) 3+4-Methylphenols	7.24	107	1149975	60.035	ng	89
22) Acetophenone	7.24	105	1689518	65.737	ng	# 95
24) Nitrobenzene	7.41	77	1355115	68.231	ng	98
25) Isophorone	7.65	82	2483846	70.207	ng	99
26) 2-Nitrophenol	7.72	139	750870	88.656	ng	99
27) 2,4-Dimethylphenol	7.76	122	995076	68.039	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	1579496	69.289	ng	100
29) 2,4-Dichlorophenol	7.96	162	1181006	73.048	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	1344826	71.740	ng	99
31) Naphthalene	8.13	128	3484000	71.087	ng	97
32) Benzoic acid	7.92	122	948785	86.440	ng	99
33) 4-Chloroaniline	8.17	127	1666349	73.561	ng	99
34) Hexachlorobutadiene	8.25	225	824003	72.180	ng	98
35) Caprolactam	8.58	113	331202	62.599	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	1191117	74.606	ng	99
37) 2-Methylnaphthalene	8.82	142	2434024	70.359	ng	97
38) 1-Methylnaphthalene	8.92	142	2283660	69.484	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	1317845	68.306	ng	99

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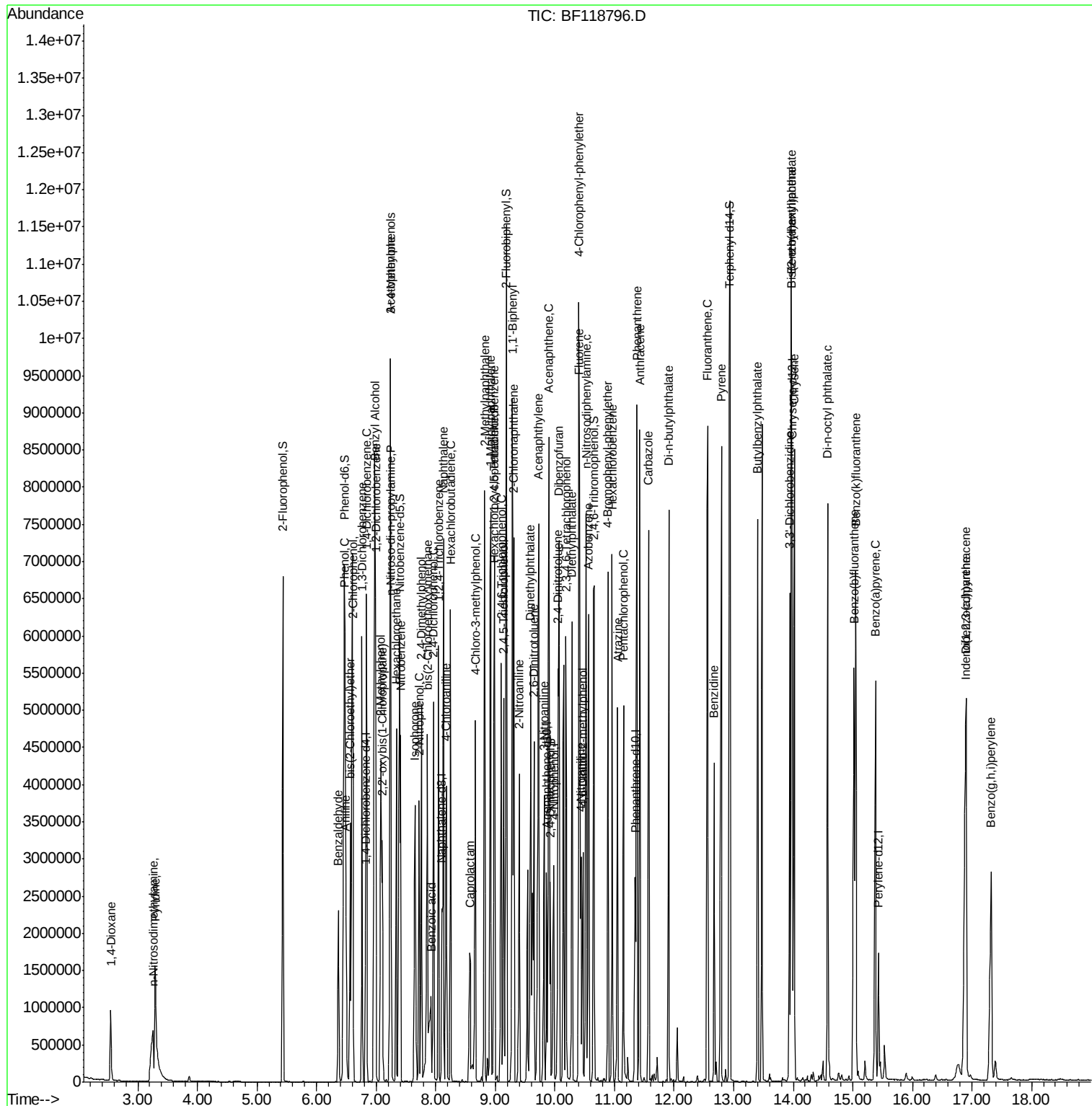
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	624795	64.187	ng	98
43) 2,4,6-Trichlorophenol	9.10	196	930831	72.706	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	942006	72.045	ng	96
46) 1,1'-Biphenyl	9.29	154	2947967	69.370	ng	97
47) 2-Chloronaphthalene	9.31	162	2501163	69.828	ng	97
48) 2-Nitroaniline	9.40	65	767951	69.746	ng	93
49) Acenaphthylene	9.73	152	3550301	70.456	ng	97
50) Dimethylphthalate	9.59	163	3050234	75.928	ng	99
51) 2,6-Dinitrotoluene	9.65	165	724539	80.542	ng	98
52) Acenaphthene	9.90	154	2408828	71.490	ng	99
53) 3-Nitroaniline	9.82	138	794646	77.361	ng	98
54) 2,4-Dinitrophenol	9.92	184	400970	111.649	ng	97
55) Dibenzofuran	10.07	168	3223943	69.043	ng	96
56) 4-Nitrophenol	9.98	139	594515	76.668	ng	94
57) 2,4-Dinitrotoluene	10.06	165	962197	84.846	ng	# 91
58) Fluorene	10.42	166	2400631	65.488	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	812685	70.665	ng	99
60) Diethylphthalate	10.29	149	2901465	74.491	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	1299513	65.180	ng	96
62) 4-Nitroaniline	10.44	138	813878	77.243	ng	99
63) Azobenzene	10.56	77	2497004	66.195	ng	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	536900	103.699	ng	93
66) n-Nitrosodiphenylamine	10.53	169	2375337	66.894	ng	98
67) 4-Bromophenyl-phenylether	10.89	248	1005543	69.125	ng	99
68) Hexachlorobenzene	10.96	284	1142014	69.245	ng	99
69) Atrazine	11.05	200	728728	59.210	ng	99
70) Pentachlorophenol	11.15	266	645121	70.355	ng	100
71) Phenanthrene	11.37	178	3782065	66.580	ng	97
72) Anthracene	11.43	178	3779126	67.235	ng	97
73) Carbazole	11.57	167	3527629	68.423	ng	97
74) Di-n-butylphthalate	11.91	149	4230713	73.860	ng	# 97
75) Fluoranthene	12.56	202	4099046	68.417	ng	96
77) Benzidine	12.67	184	1561836	72.529	ng	96
78) Pyrene	12.79	202	4116949	75.243	ng	96
80) Butylbenzylphthalate	13.40	149	1986599	88.715	ng	98
81) Benzo(a)anthracene	13.98	228	3384423	69.809	ng	98
82) 3,3'-Dichlorobenzidine	13.94	252	1367265	79.145	ng	99
83) Chrysene	14.02	228	3498189	75.288	ng	97
84) Bis(2-ethylhexyl)phthalate	13.97	149	2357993	86.190	ng	98
85) Di-n-octyl phthalate	14.58	149	3999091	98.755	ng	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	3453251	85.534	ng	99
88) Benzo(b)fluoranthene	15.02	252	3731164	75.034	ng	99
89) Benzo(k)fluoranthene	15.05	252	3075641	66.761	ng	98
90) Benzo(a)pyrene	15.38	252	3142341	73.255	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	2769256	72.983	ng	99
92) Benzo(g,h,i)perylene	17.32	276	2696742	73.199	ng	98

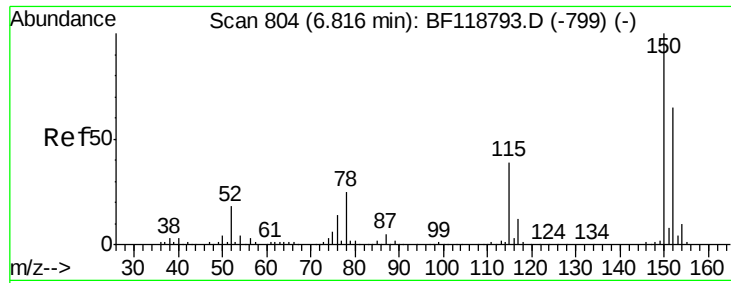
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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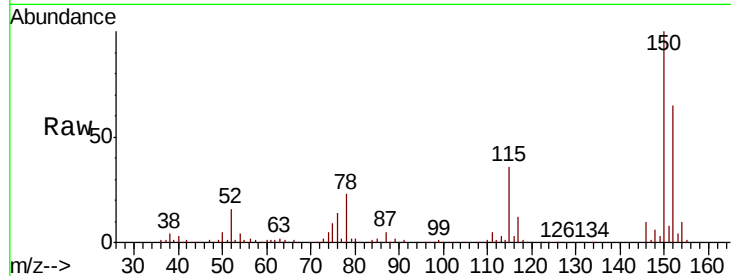


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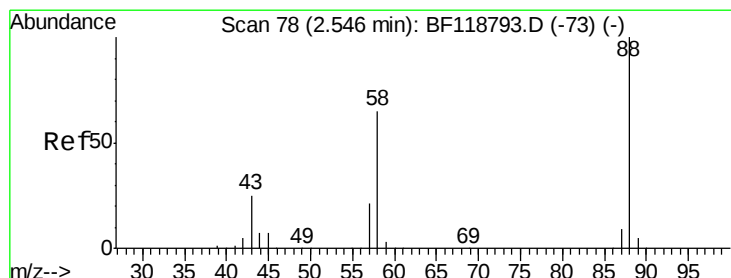
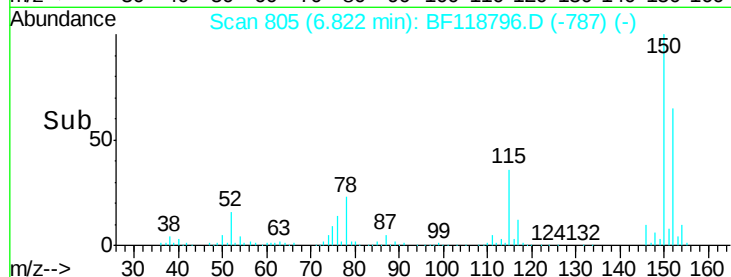
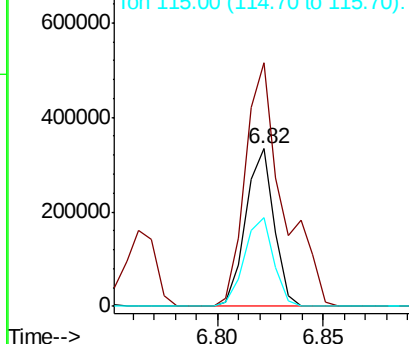
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 311662
Ion Ratio Lower Upper
152 100
150 154.4 123.6 185.4
115 56.2 48.2 72.2



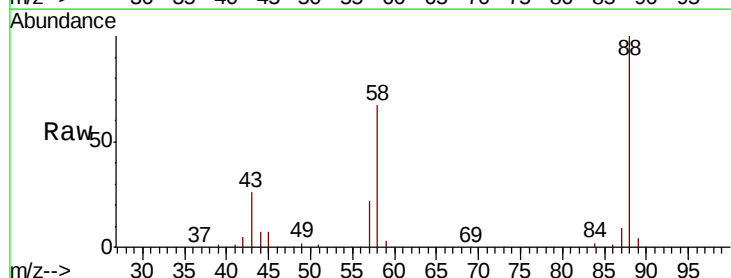
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



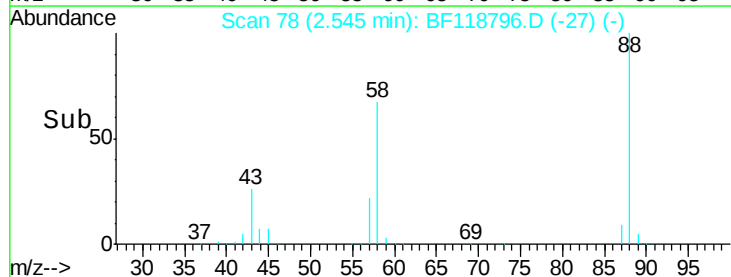
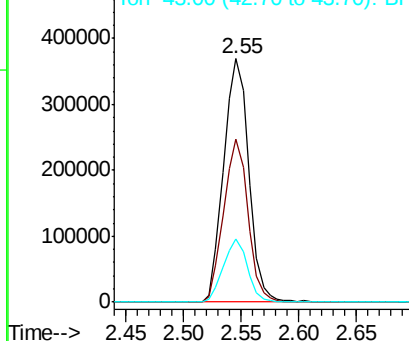
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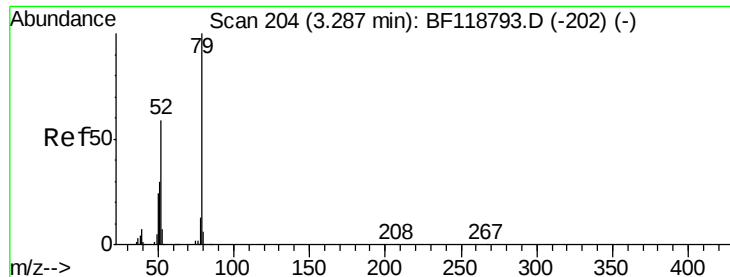
1,4-Dioxane
Concen: 68.177 ng
RT: 2.55 min Scan# 78
Delta R.T. -0.00 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Tgt Ion: 88 Resp: 554123
Ion Ratio Lower Upper
88 100
58 65.2 51.6 77.4
43 25.0 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: 67.633 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

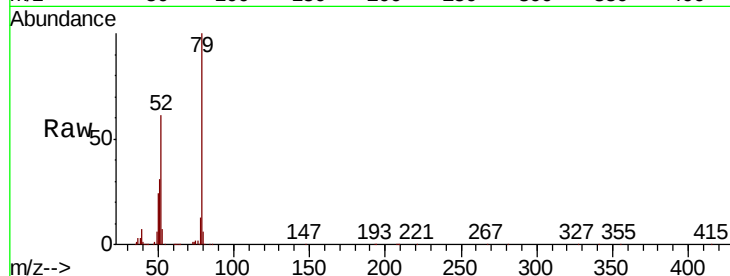
Tot Ion: 79 Resp: 1549359

Ion Ratio Lower Upper

79 100

52 61.5 47.4 71.0

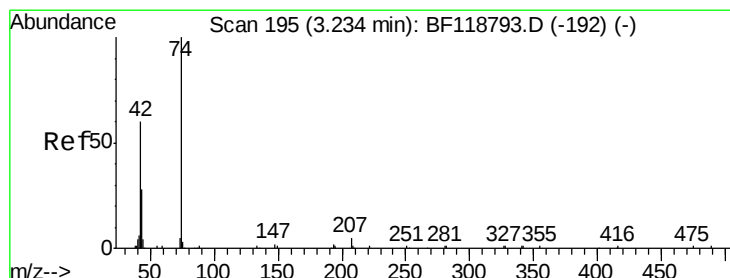
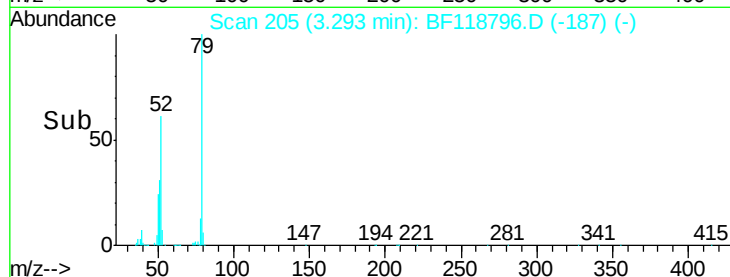
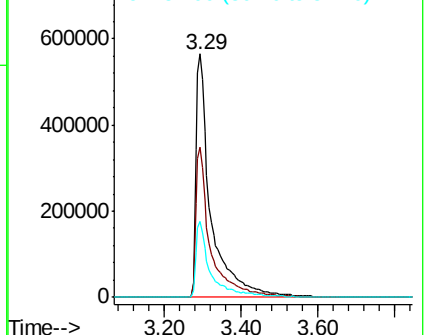
51 31.1 24.2 36.4



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: 58.721 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.02 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

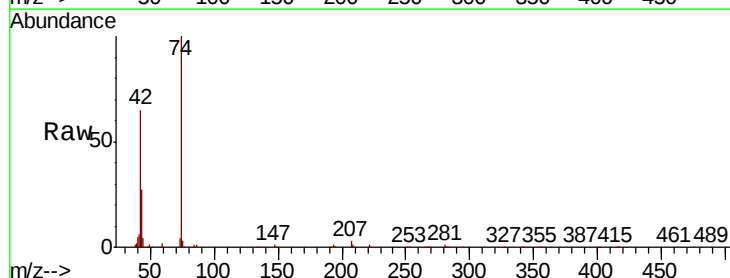
Tgt Ion: 42 Resp: 576714

Ion Ratio Lower Upper

42 100

74 153.2 124.3 186.5

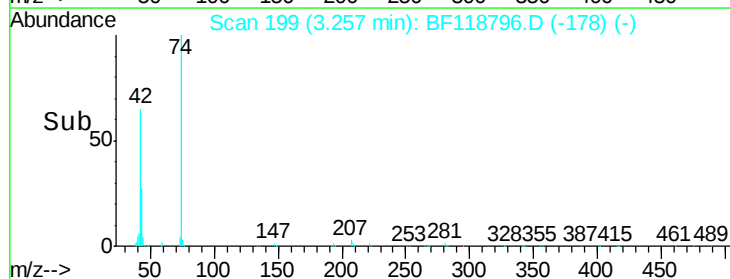
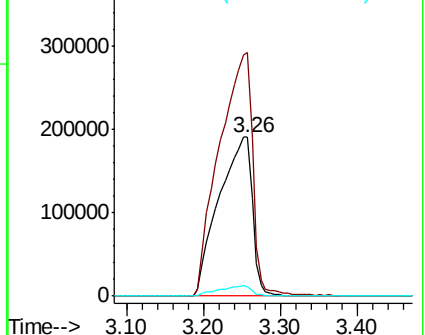
44 6.2 5.3 7.9

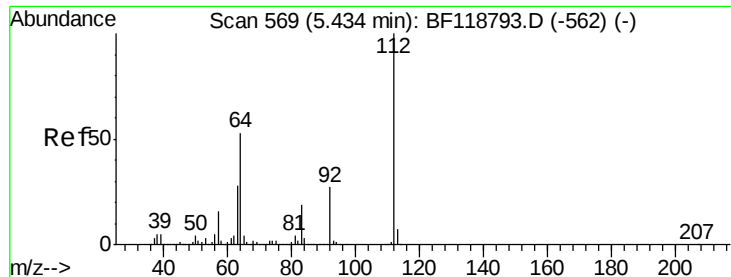


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 137.618 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

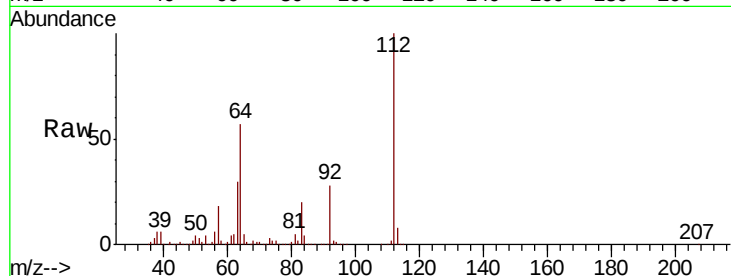
Tot Ion:112 Resp: 2309335

Ion Ratio Lower Upper

112 100

64 56.9 42.6 63.8

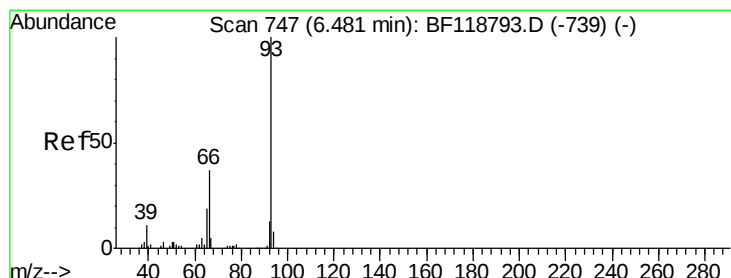
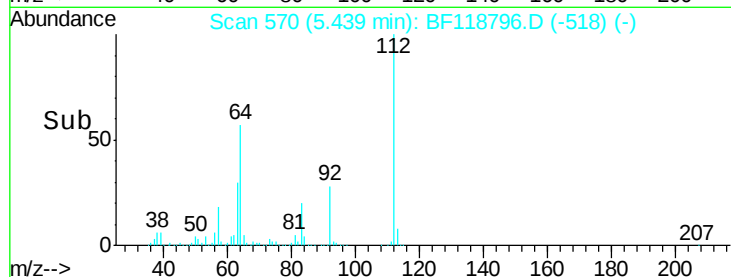
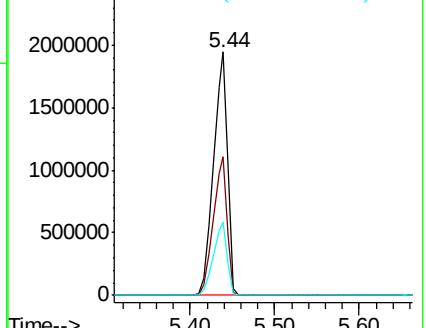
63 30.3 22.2 33.4



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: 64.682 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

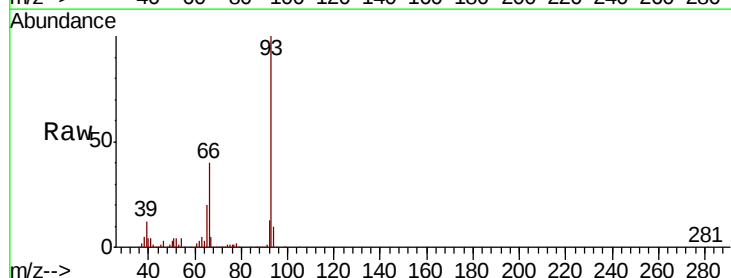
Tgt Ion: 93 Resp: 1857619

Ion Ratio Lower Upper

93 100

66 39.8 30.8 46.2

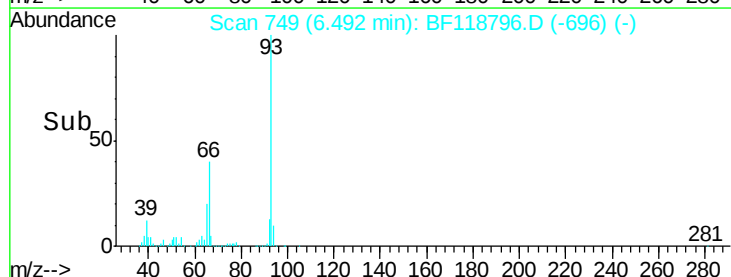
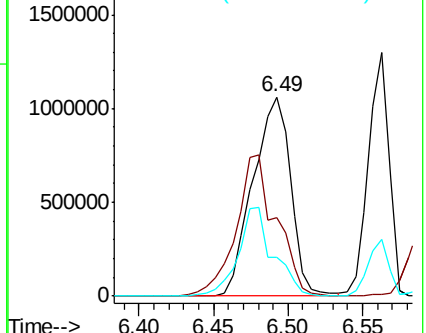
65 19.5 15.4 23.0

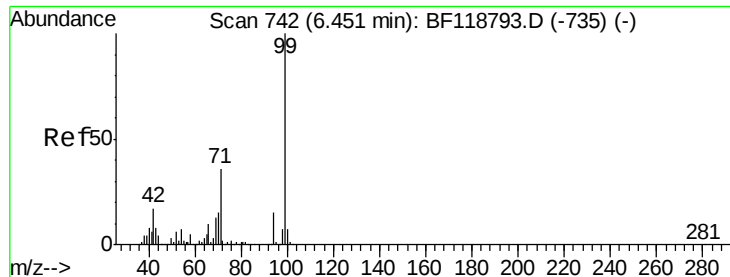


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.178 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

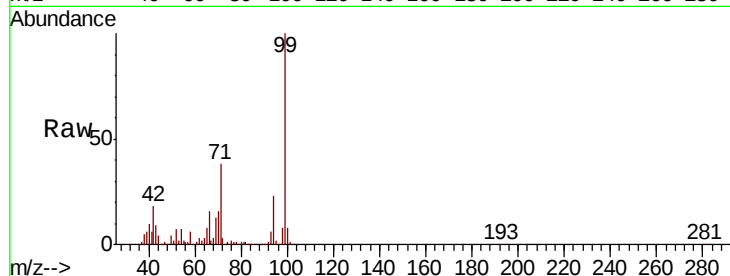
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2839277

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.4	20.0
71	38.2	29.0	43.6

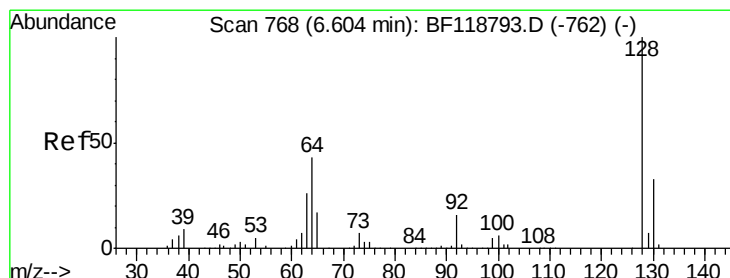
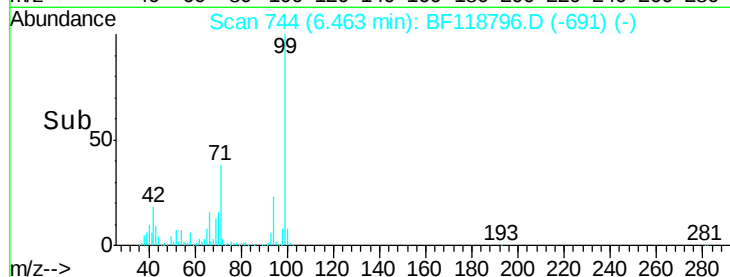
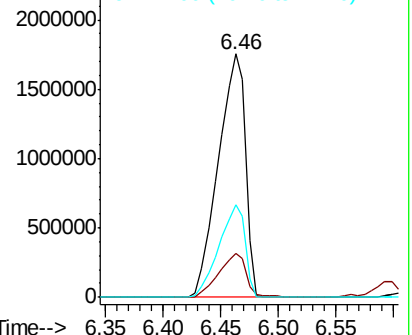


Abundance

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: 67.928 ng

RT: 6.61 min Scan# 769

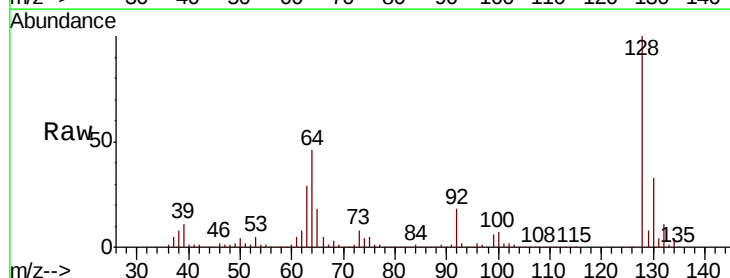
Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

Tgt Ion: 128 Resp: 1279442

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.1	53.1
64	45.8	23.0	63.0

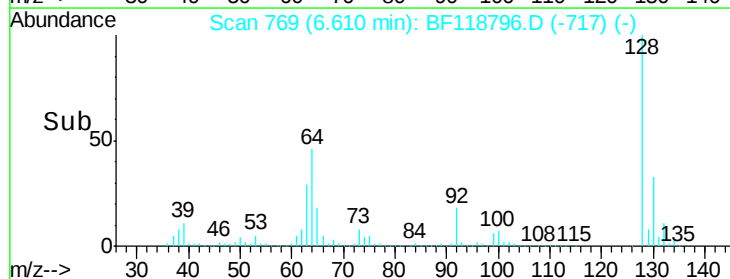
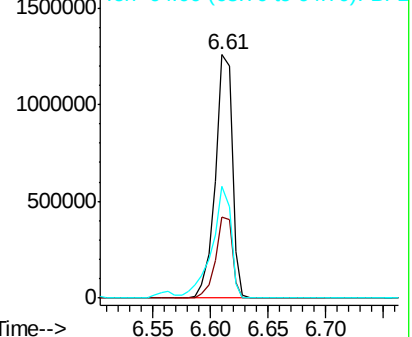


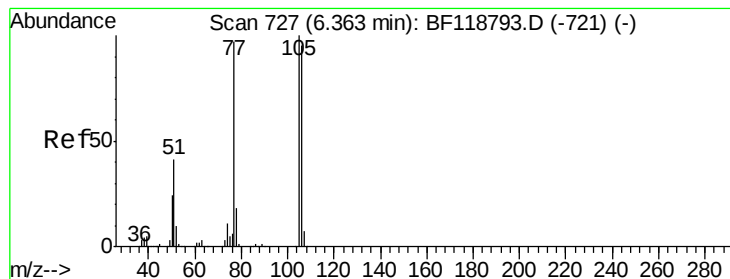
Abundance

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: 47.390 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

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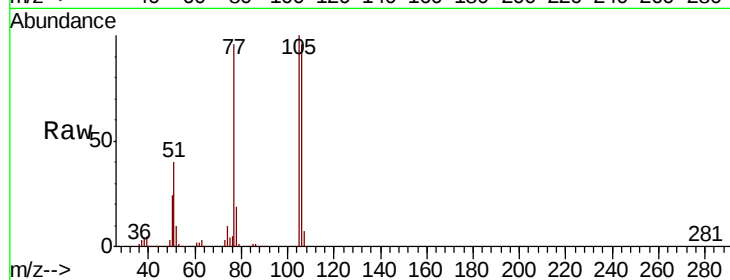
Tot Ion: 77 Resp: 628596

Ion Ratio Lower Upper

77 100

105 104.1 82.8 122.8

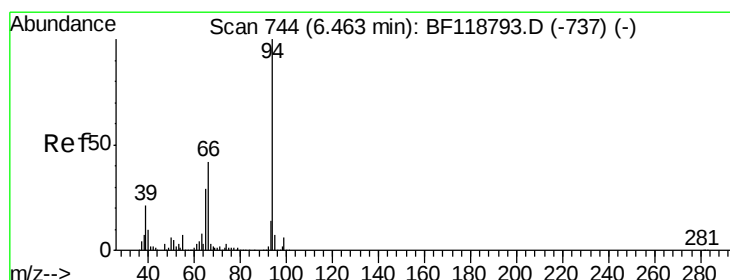
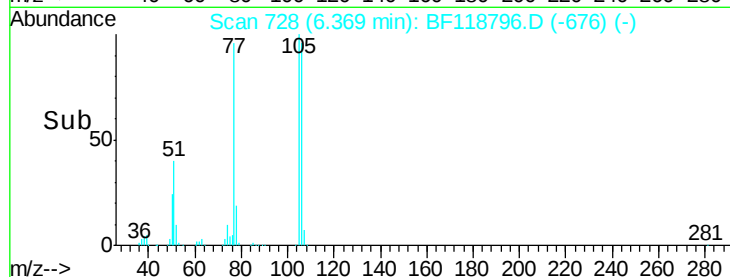
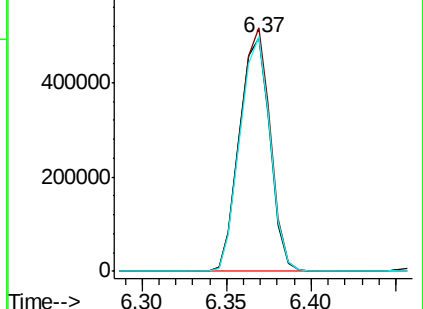
106 100.4 78.1 118.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 63.233 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

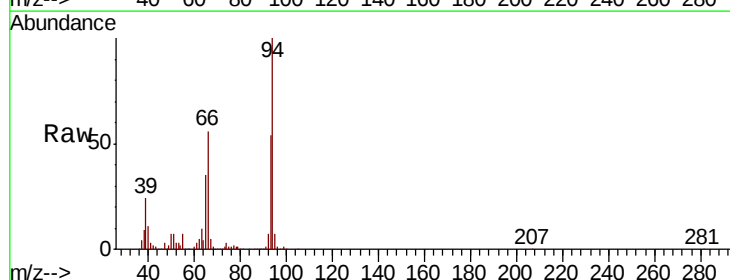
Tgt Ion: 94 Resp: 1571720

Ion Ratio Lower Upper

94 100

65 35.3 9.1 49.1

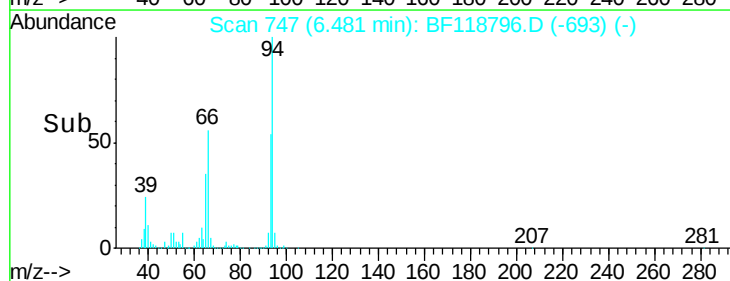
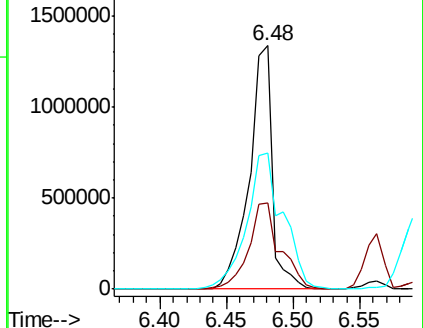
66 56.0 21.7 61.7

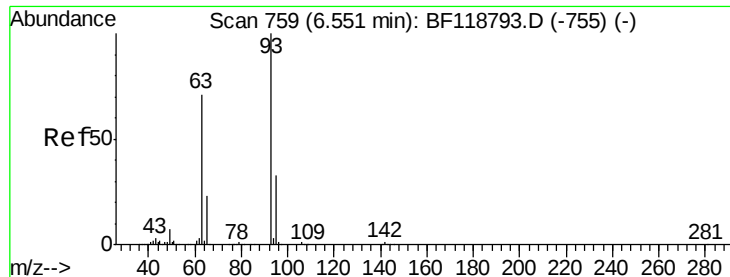


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

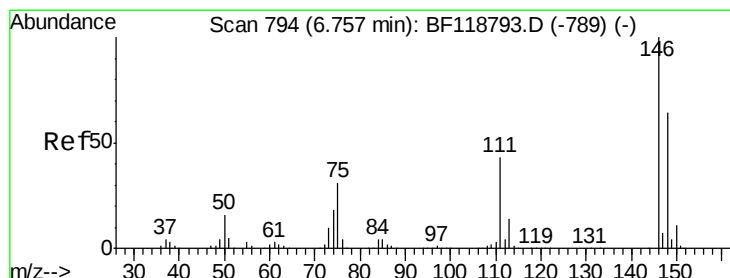
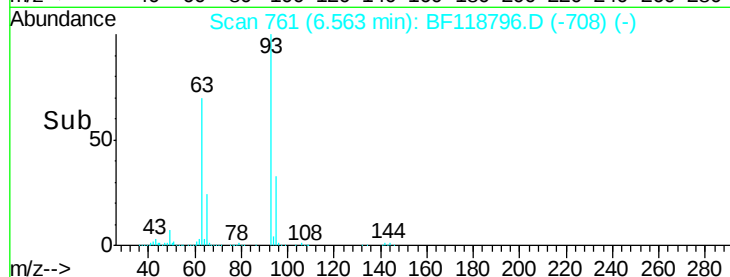
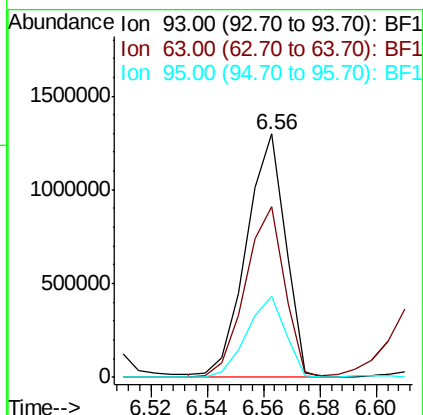
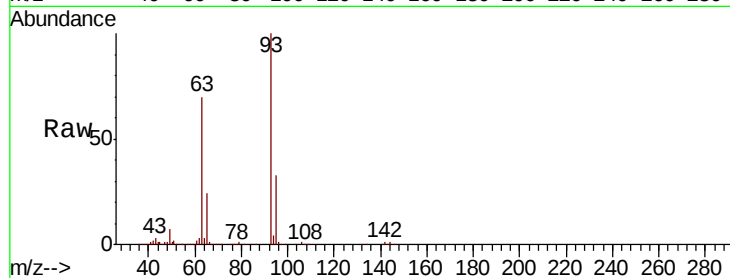




#11
bis(2-Chloroethyl)ether
Concen: 67.655 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

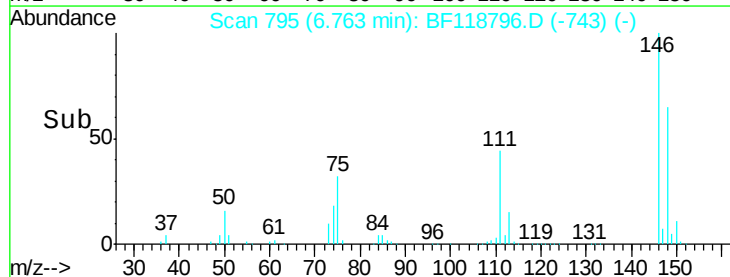
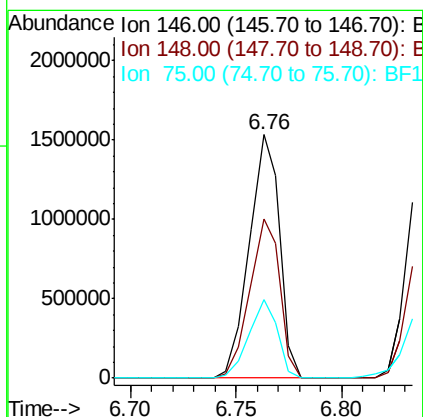
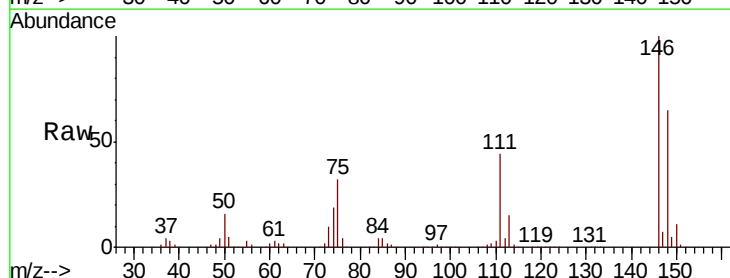
Instrument :
BNA_F
ClientSampleId :

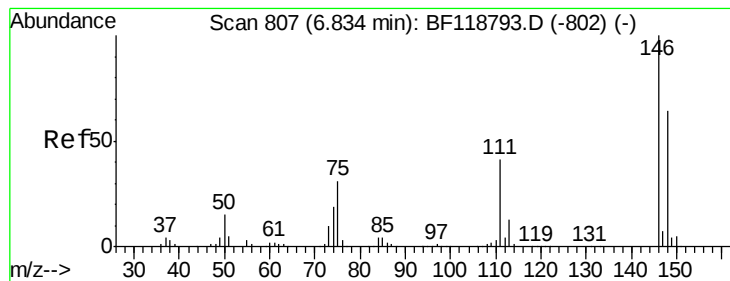
Tot Ion: 93 Resp: 1247650
Ion Ratio Lower Upper
93 100
63 70.3 50.7 90.7
95 33.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 69.218 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Tgt Ion: 146 Resp: 1525958
Ion Ratio Lower Upper
146 100
148 65.3 51.1 76.7
75 32.3 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 68.576 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

Instrument :

BNA_F

ClientSampled :

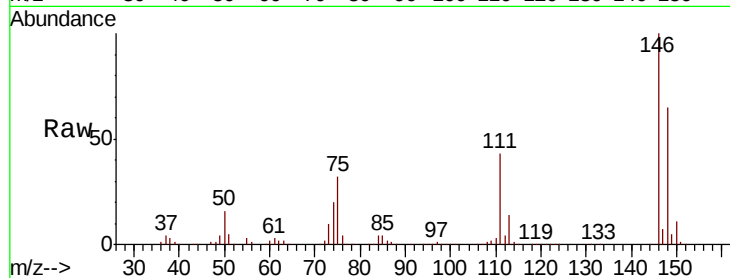
Tot Ion:146 Resp: 1517594

Ion Ratio Lower Upper

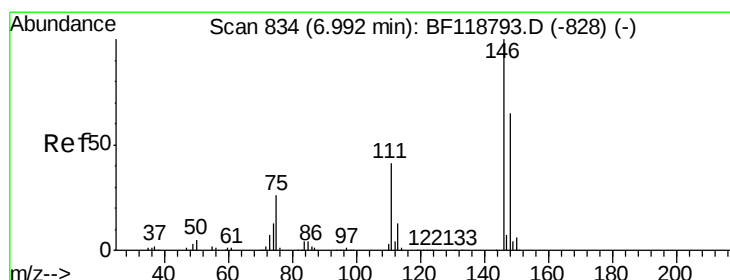
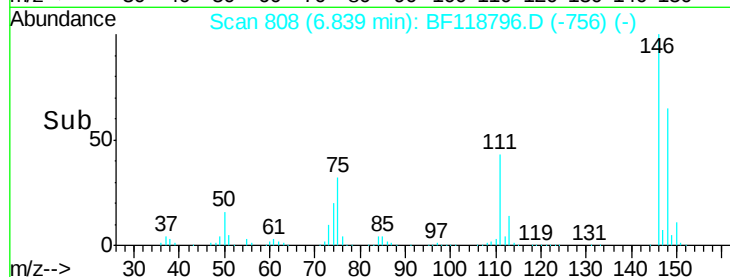
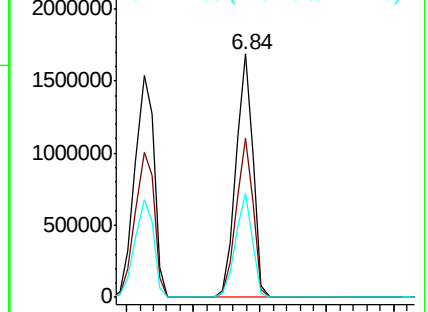
146 100

148 65.2 51.6 77.4

111 42.9 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: 64.960 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

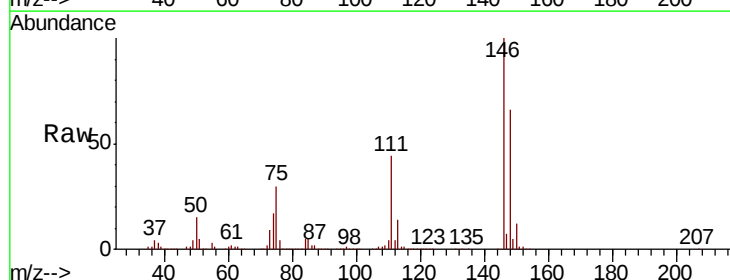
Tgt Ion:146 Resp: 1351403

Ion Ratio Lower Upper

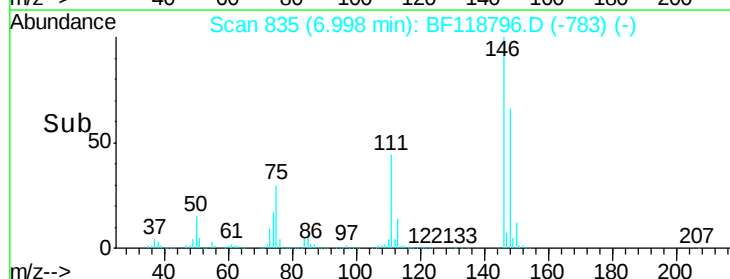
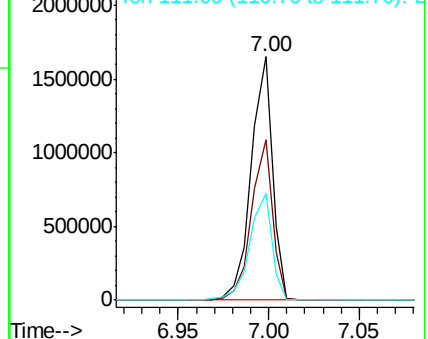
146 100

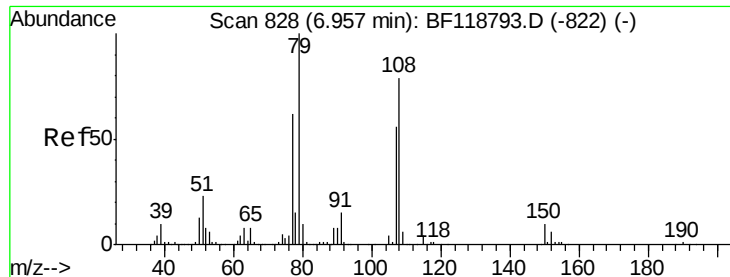
148 65.8 51.6 77.4

111 44.0 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: 64.073 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

Instrument :

BNA_F

ClientSampled :

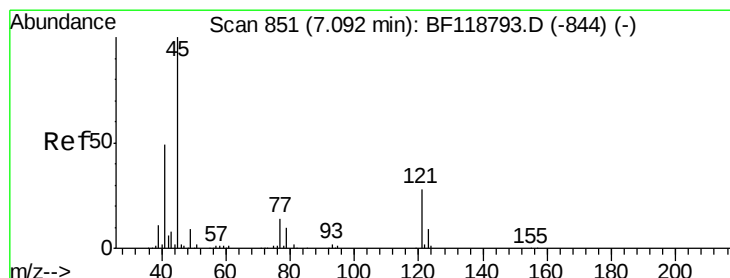
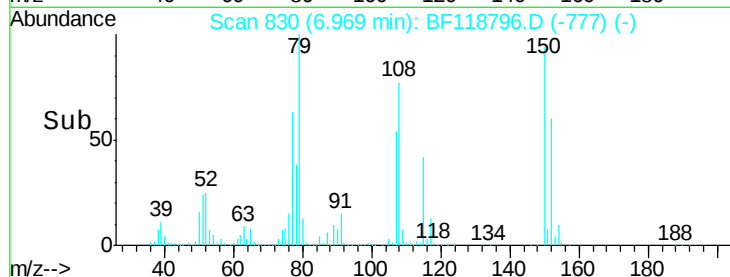
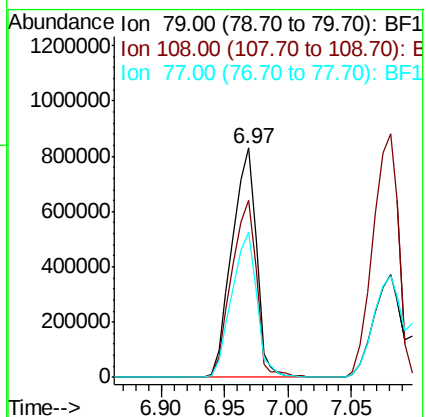
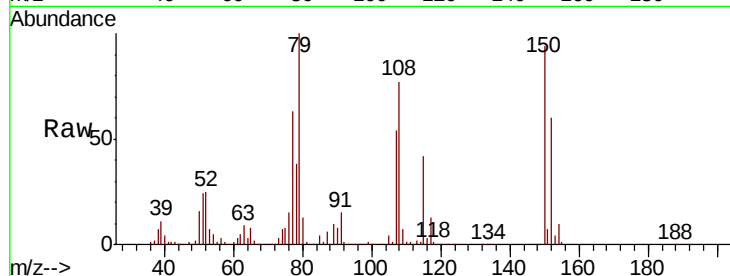
Tot Ion: 79 Resp: 1108241

Ion Ratio Lower Upper

79 100

108 77.0 62.9 94.3

77 63.1 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 59.095 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

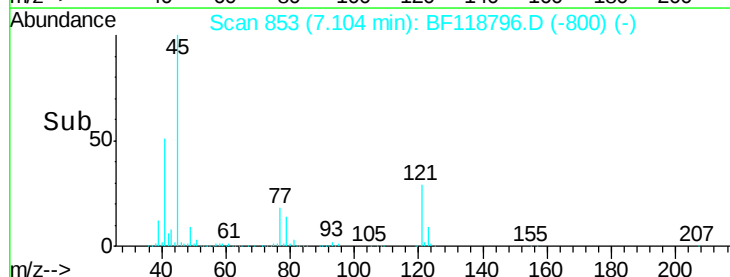
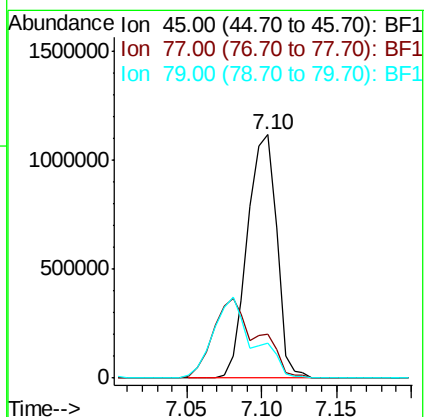
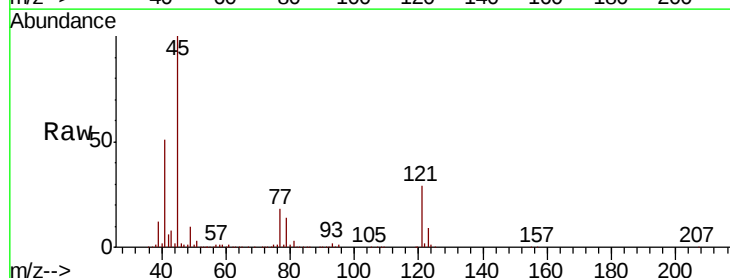
Tgt Ion: 45 Resp: 1517964

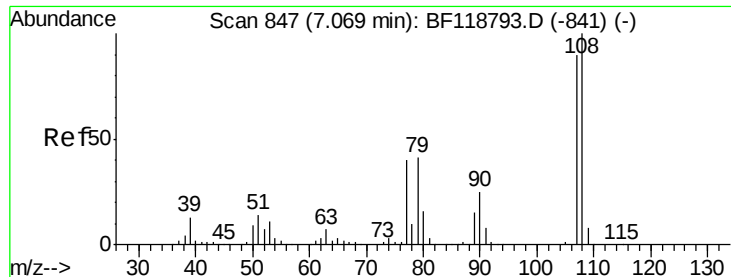
Ion Ratio Lower Upper

45 100

77 18.1 0.0 37.1

79 14.4 0.0 33.1

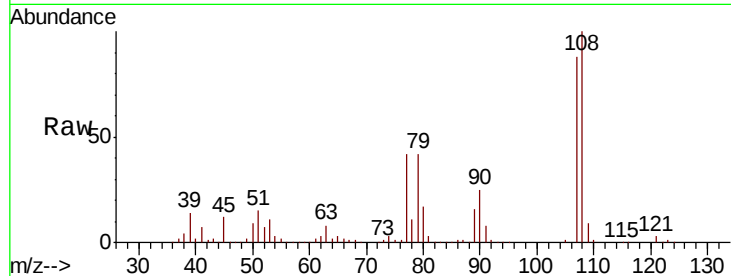




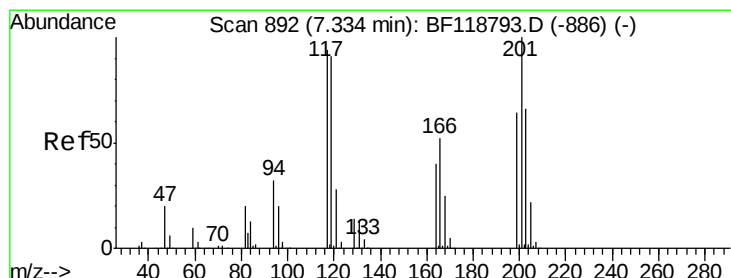
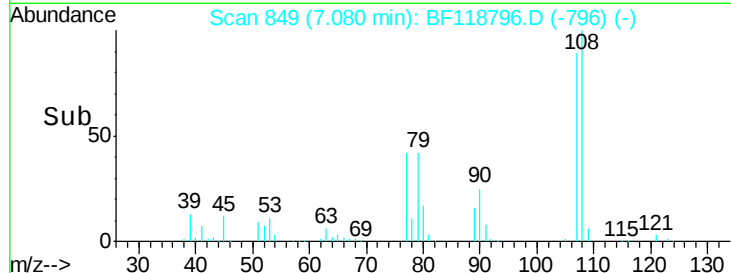
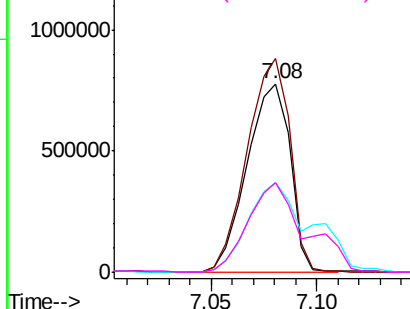
#17
2-Methylphenol
Concen: 70.251 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 1102175
Ion Ratio Lower Upper
107 100
108 113.3 89.3 133.9
77 47.5 36.2 54.2
79 47.6 36.3 54.5

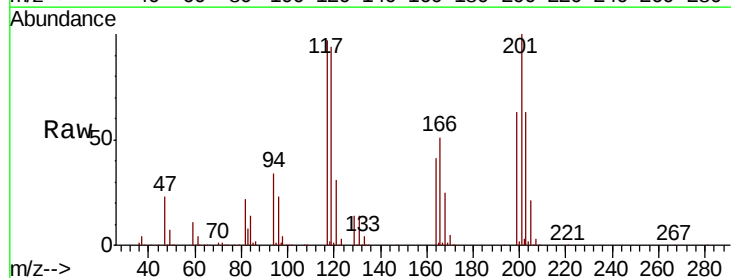


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

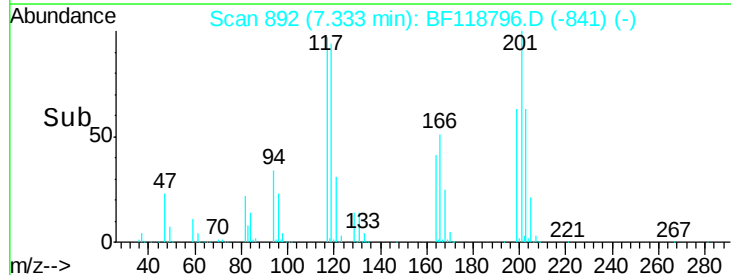
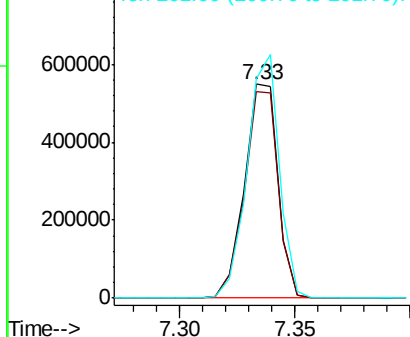


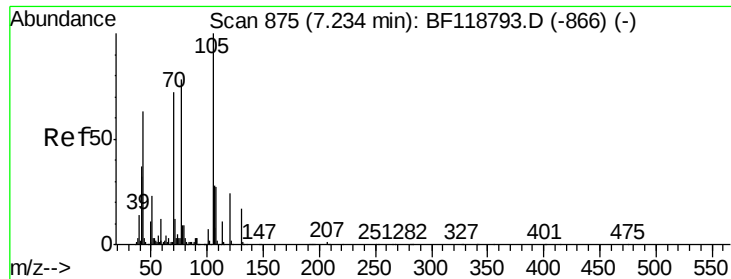
#18
Hexachloroethane
Concen: 69.798 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Tgt Ion:117 Resp: 560102
Ion Ratio Lower Upper
117 100
119 96.4 77.4 116.0
201 102.6 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

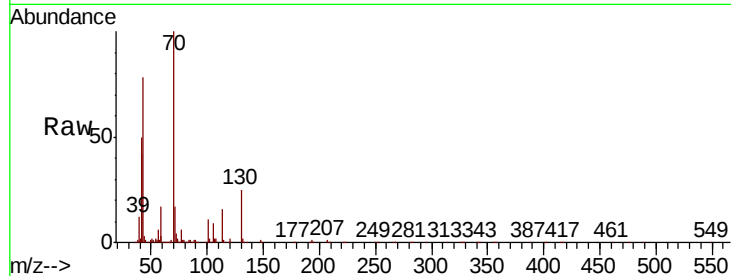




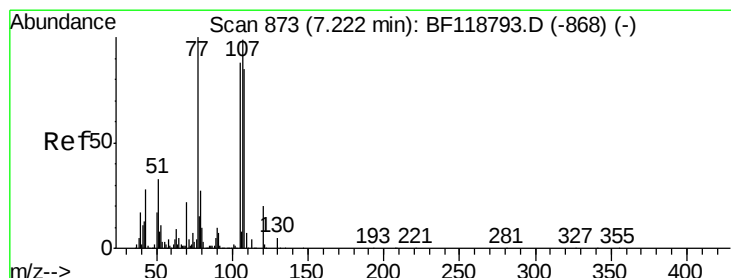
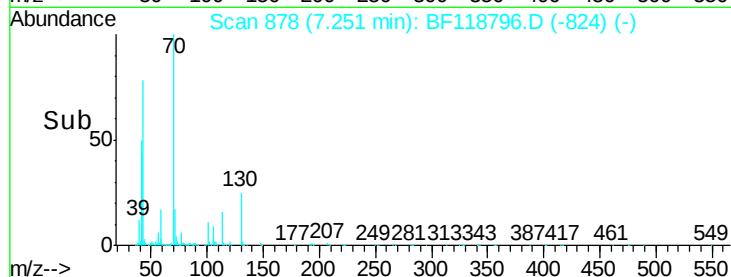
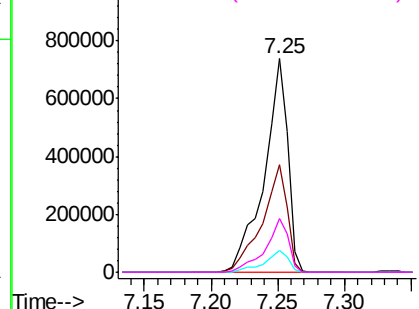
#19
n-Nitroso-di-n-propylamine
Concen: 61.180 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.02 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 900999
Ion Ratio Lower Upper
70 100
42 50.1 41.5 62.3
101 10.5 8.3 12.5
130 25.4 19.2 28.8

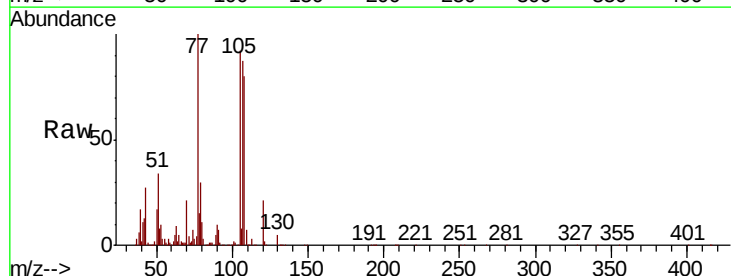


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

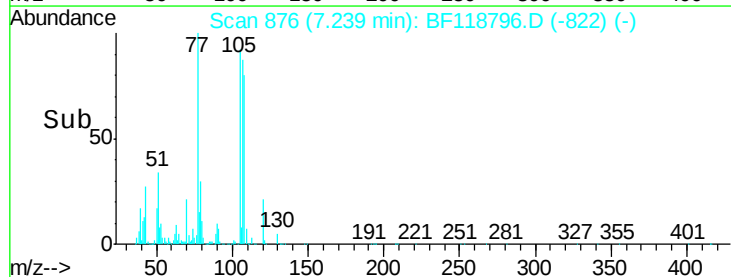
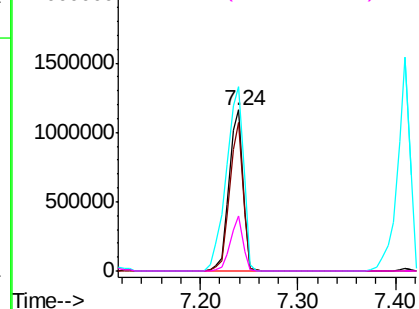


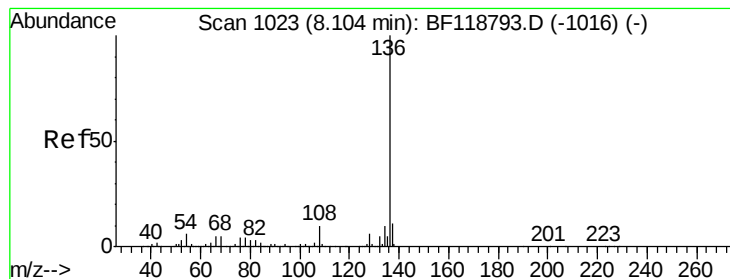
#20
3+4-Methylphenols
Concen: 60.035 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.02 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Tgt Ion:107 Resp: 1149975
Ion Ratio Lower Upper
107 100
108 91.9 65.9 105.9
77 114.5 80.9 120.9
79 34.0 7.5 47.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1084933

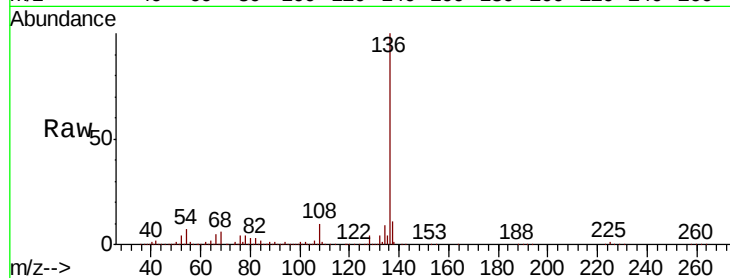
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 6.5 5.0 7.6

68 5.8 4.2 6.4

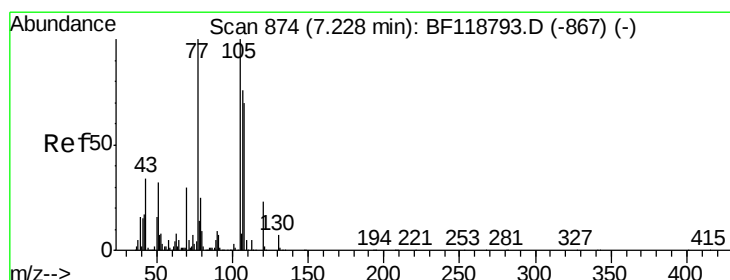
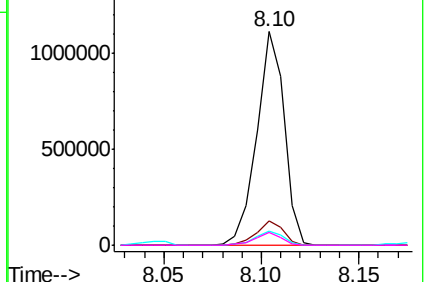
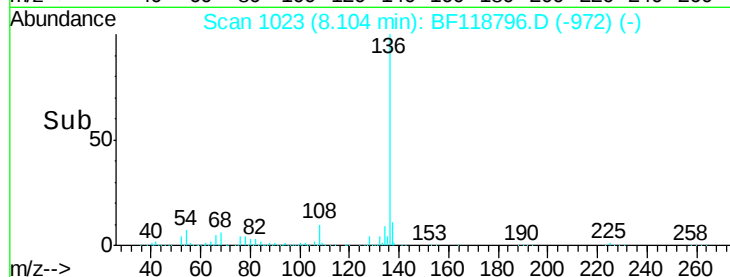


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.737 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

Tgt Ion:105 Resp: 1689518

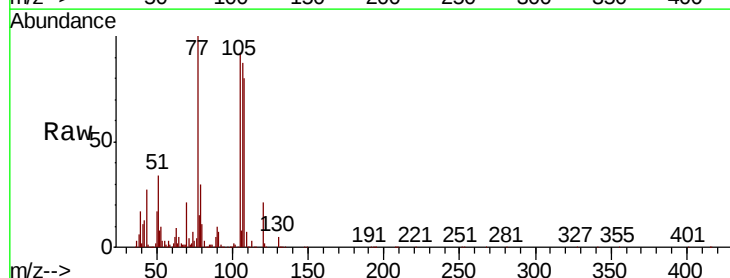
Ion Ratio Lower Upper

105 100

71 3.8 4.2 6.4#

51 36.9 25.5 38.3

120 23.0 18.6 28.0

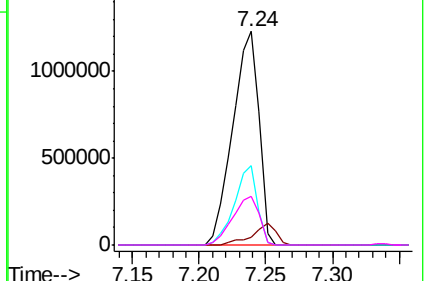
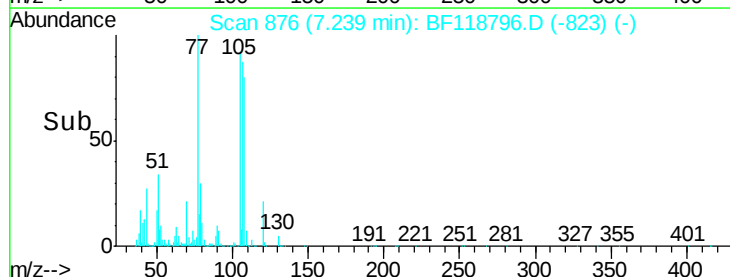


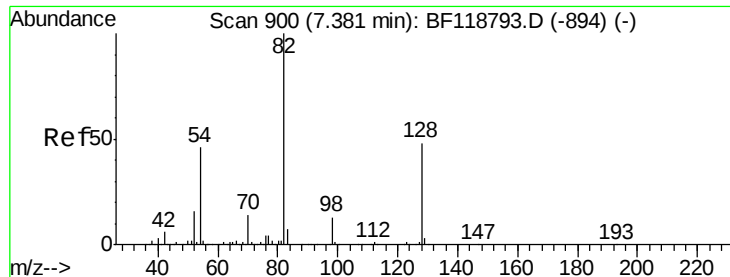
Abundance Ion 105.00 (104.70 to 105.70): E

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

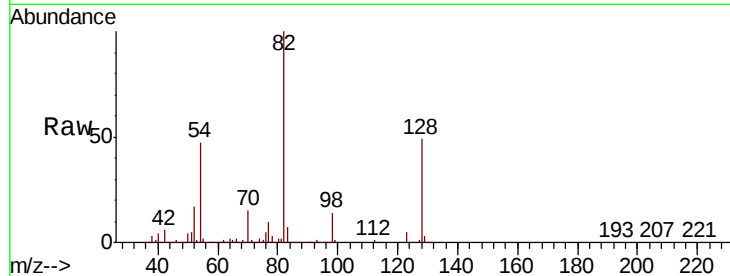




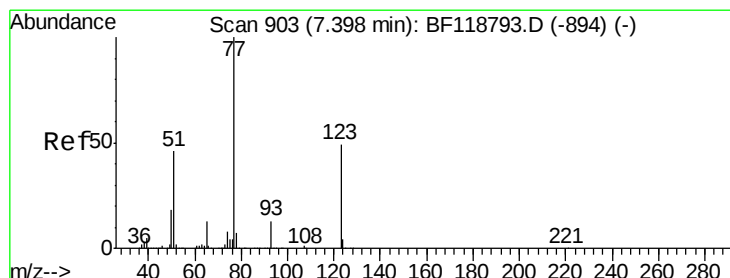
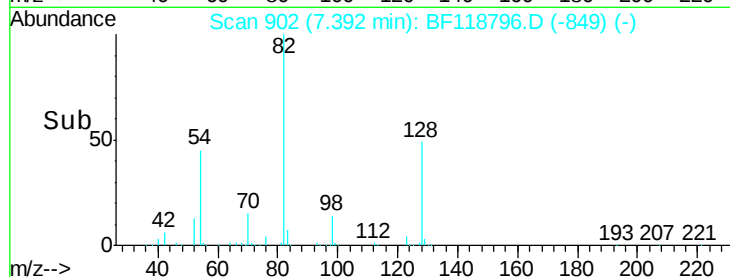
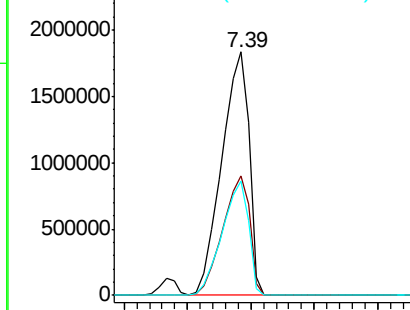
#23
Nitrobenzene-d5
Concen: 140.659 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 2728314
Ion Ratio Lower Upper
82 100
128 49.1 38.5 57.7
54 46.9 36.7 55.1

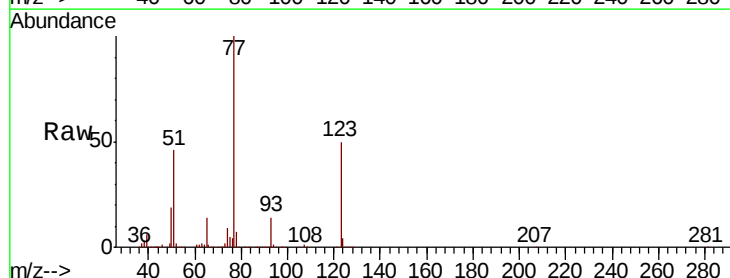


Abundance Ion 82.00 (81.70 to 82.70): BF1
2500000
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

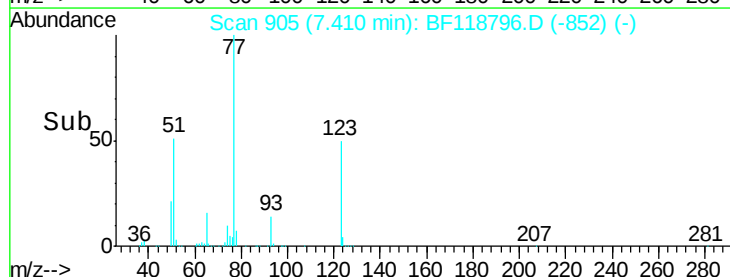
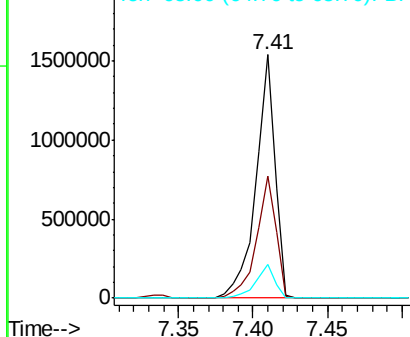


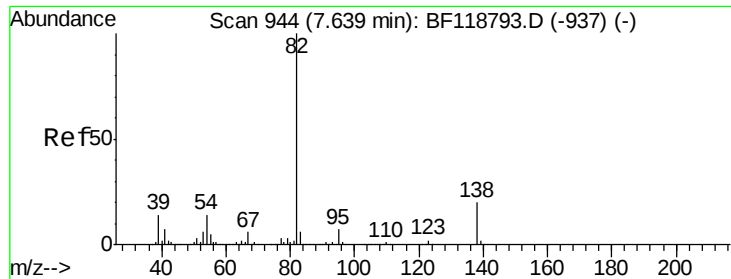
#24
Nitrobenzene
Concen: 68.231 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Tgt Ion: 77 Resp: 1355115
Ion Ratio Lower Upper
77 100
123 50.4 39.0 58.4
65 14.1 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
2000000
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

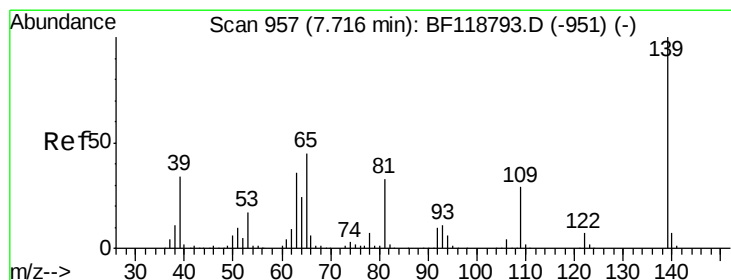
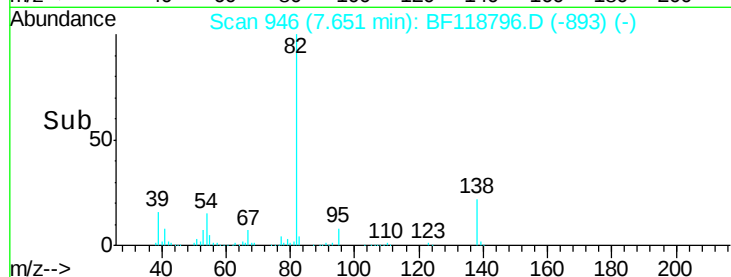
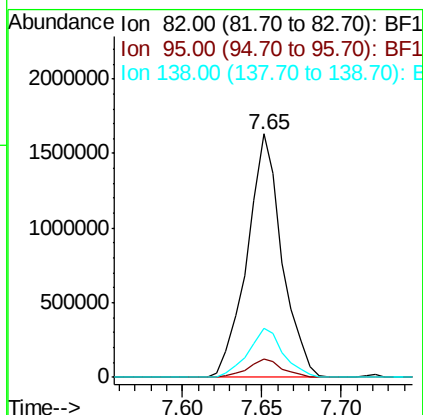
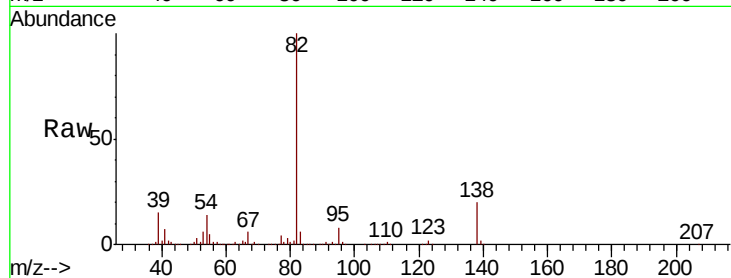




#25
Isophorone
Concen: 70.207 ng
RT: 7.65 min Scan# 946
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

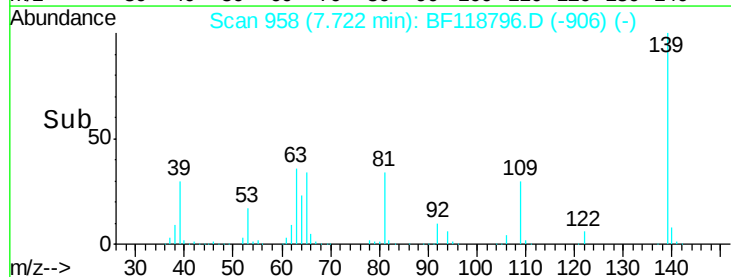
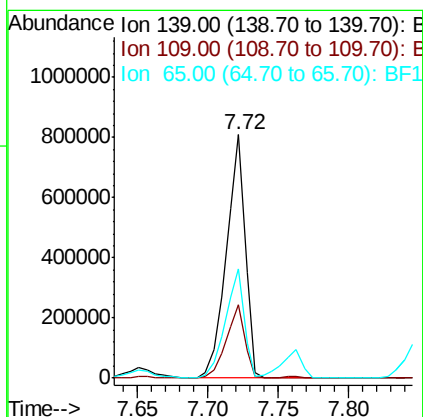
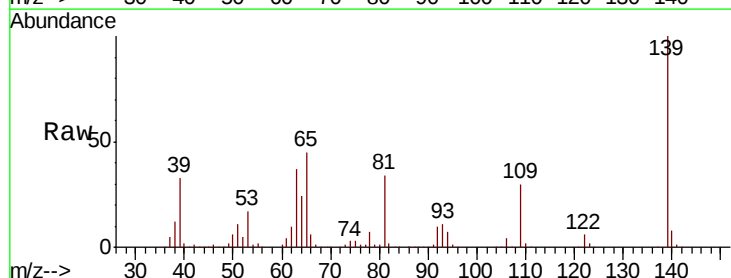
Instrument :
BNA_F
ClientSampleId :

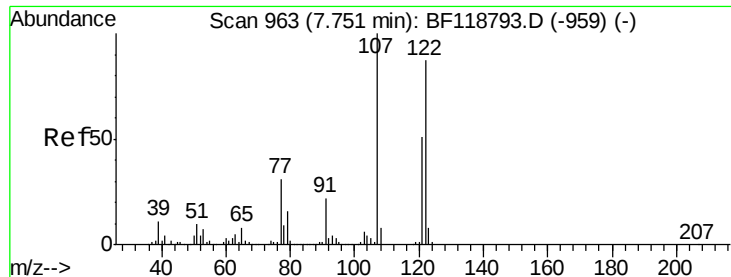
Tot Ion: 82 Resp: 2483846
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 20.3 15.7 23.5



#26
2-Nitrophenol
Concen: 88.656 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Tgt Ion: 139 Resp: 750870
Ion Ratio Lower Upper
139 100
109 30.1 23.4 35.0
65 44.9 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 68.039 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

Instrument :

BNA_F

ClientSampled :

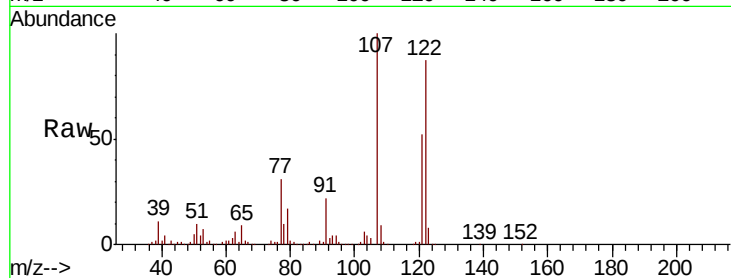
Tot Ion:122 Resp: 995076

Ion Ratio Lower Upper

122 100

107 114.8 92.2 138.2

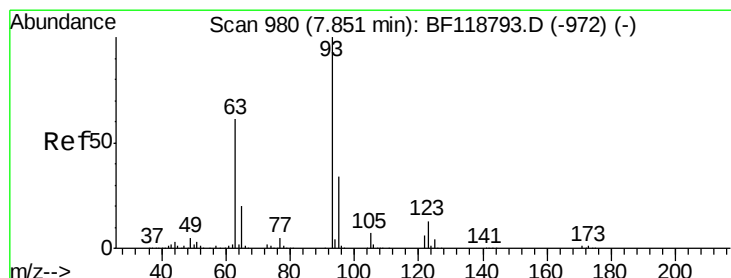
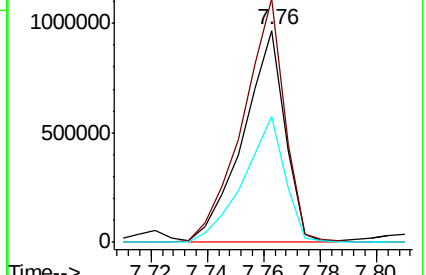
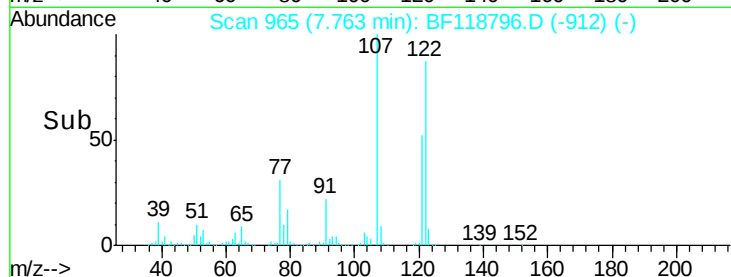
121 59.3 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

1500000 Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 69.289 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

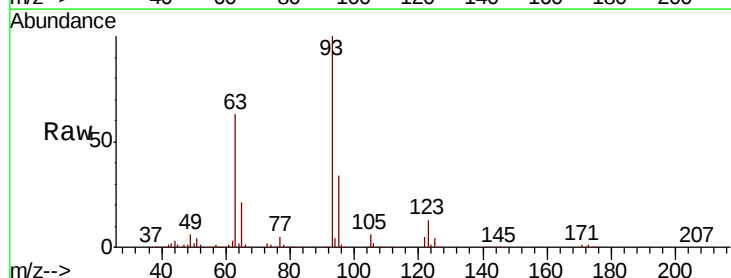
Tgt Ion: 93 Resp: 1579496

Ion Ratio Lower Upper

93 100

95 33.8 27.0 40.4

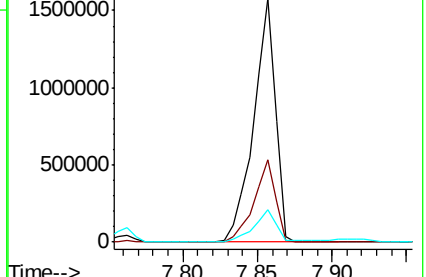
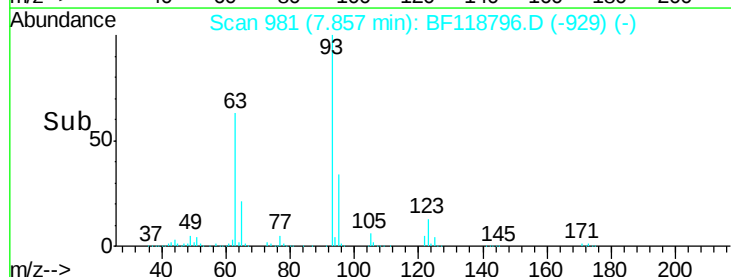
123 13.1 10.6 15.8

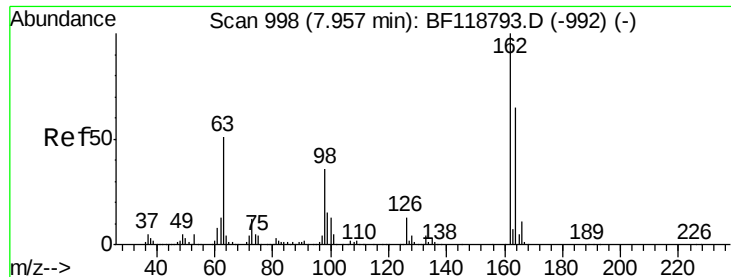


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 73.048 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

Instrument :

BNA_F

ClientSampled :

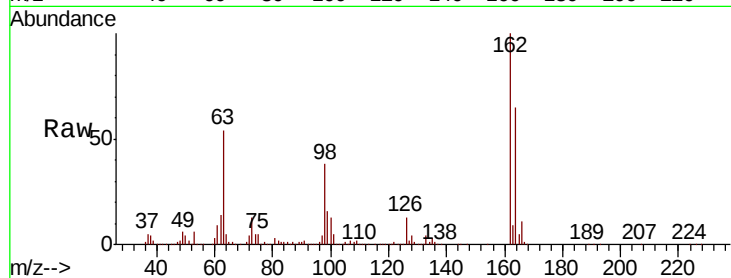
Tot Ion:162 Resp: 1181006

Ion Ratio Lower Upper

162 100

164 64.5 44.8 84.8

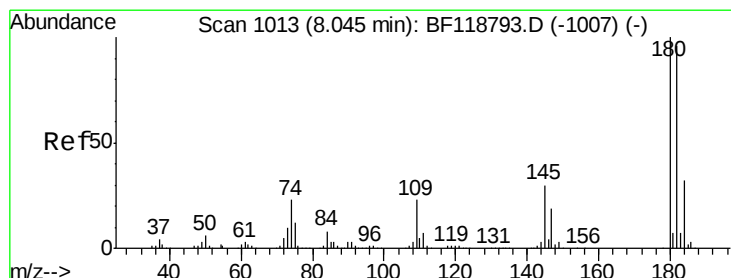
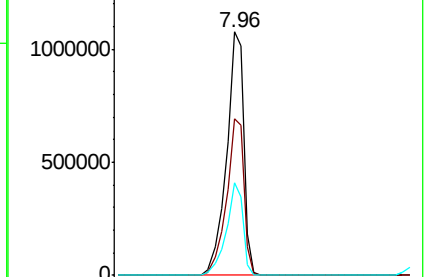
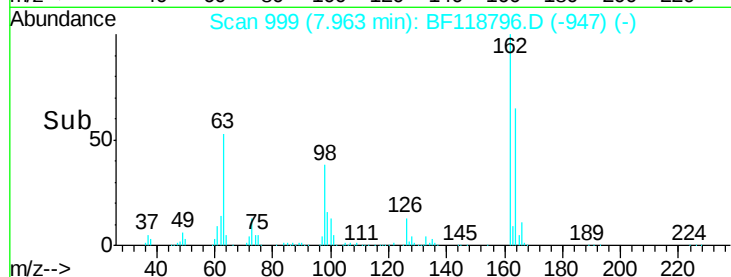
98 38.2 16.4 56.4



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: 71.740 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

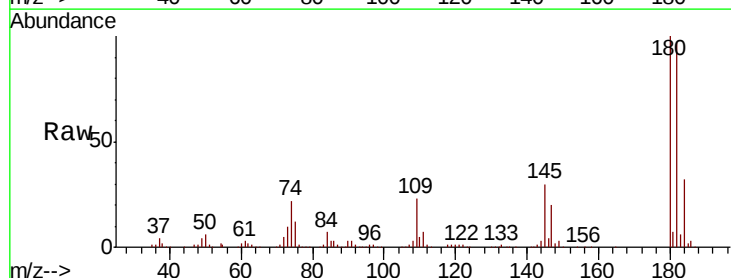
Tgt Ion:180 Resp: 1344826

Ion Ratio Lower Upper

180 100

182 96.5 76.6 115.0

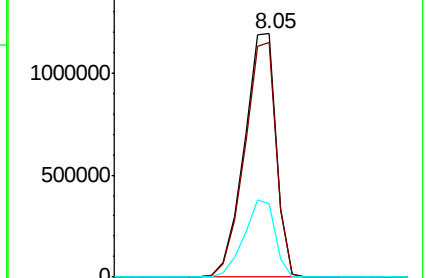
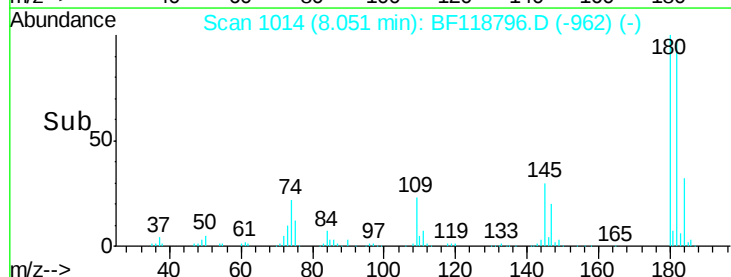
145 30.4 24.0 36.0

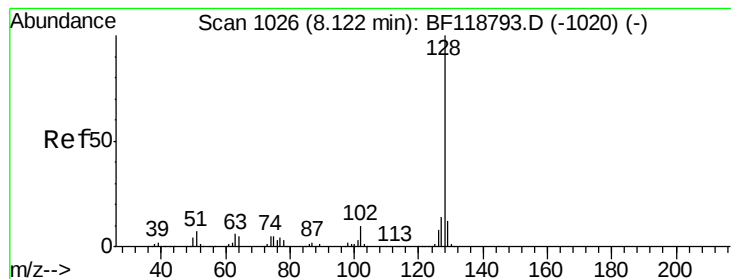


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 71.087 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

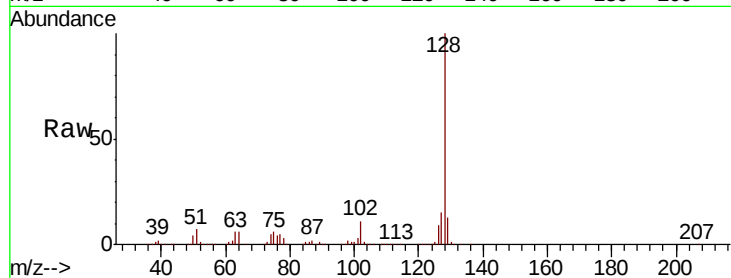
Tot Ion:128 Resp: 3484000

Ion Ratio Lower Upper

128 100

129 13.0 9.4 14.2

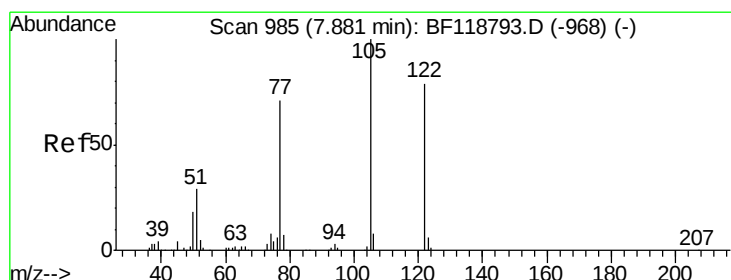
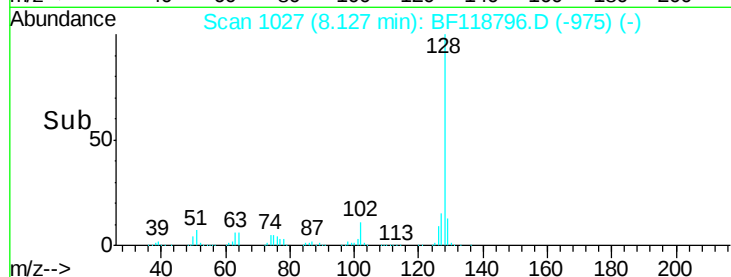
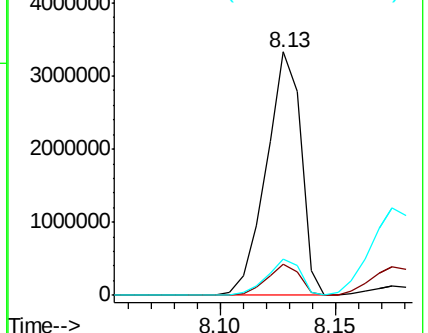
127 15.1 11.3 16.9



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: 86.440 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.04 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

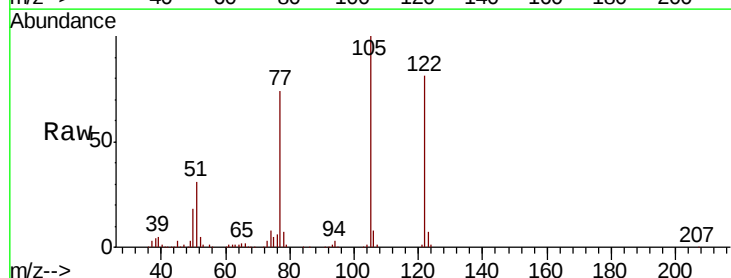
Tgt Ion:122 Resp: 948785

Ion Ratio Lower Upper

122 100

105 123.9 104.4 144.4

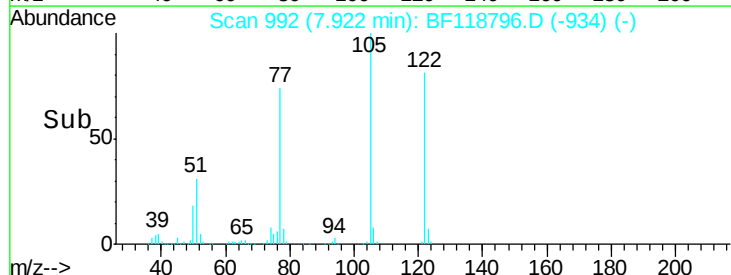
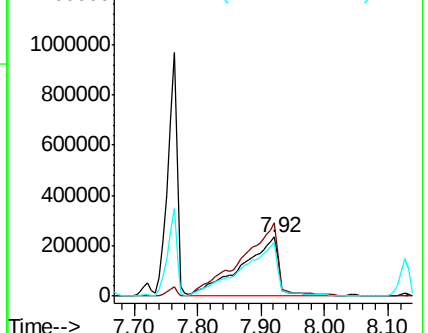
77 91.4 69.3 109.3

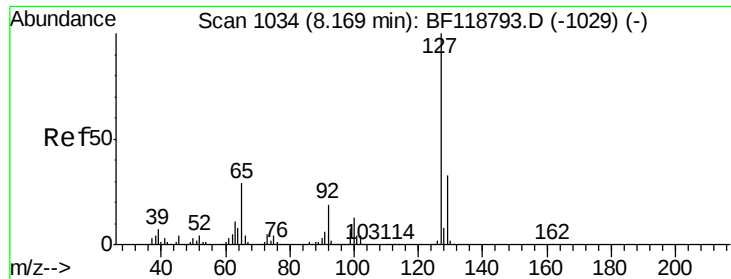


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

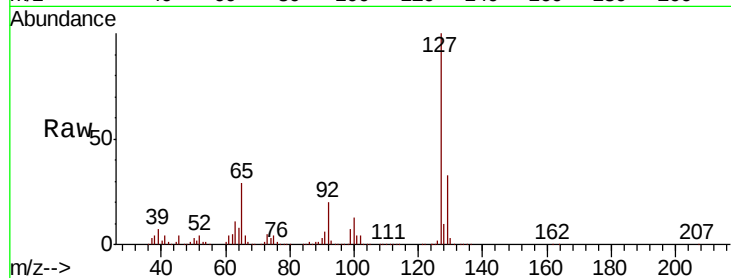




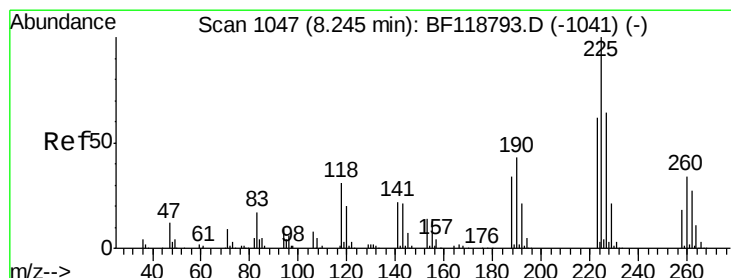
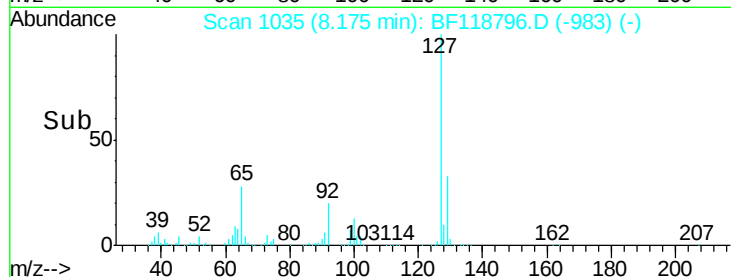
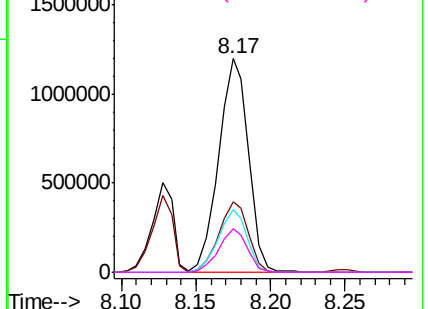
#33
4-Chloroaniline
Concen: 73.561 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1666349
Ion Ratio Lower Upper
127 100
129 33.3 26.7 40.1
65 29.2 22.9 34.3
92 20.1 15.4 23.0

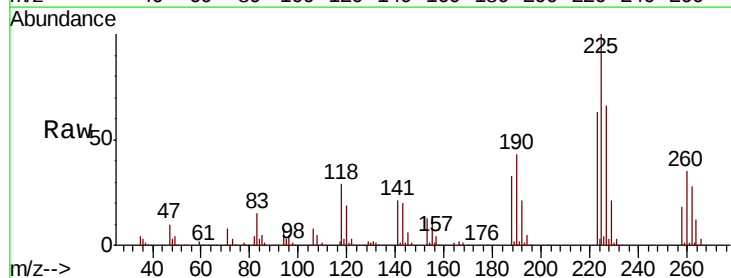


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

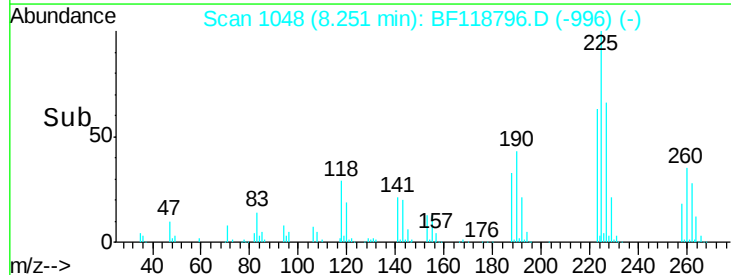
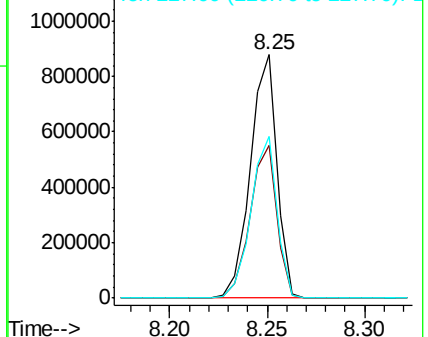


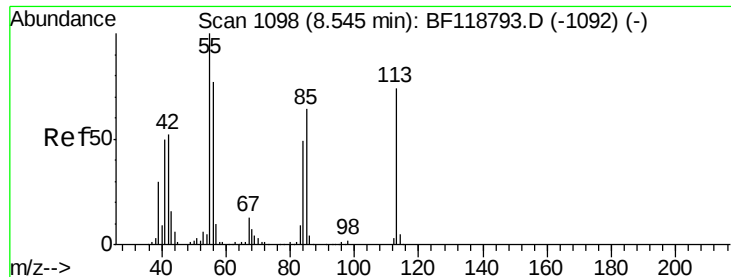
#34
Hexachlorobutadiene
Concen: 72.180 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Tgt Ion:225 Resp: 824003
Ion Ratio Lower Upper
225 100
223 62.9 49.8 74.8
227 66.2 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

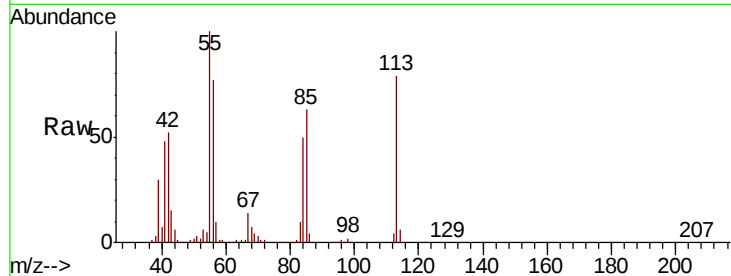




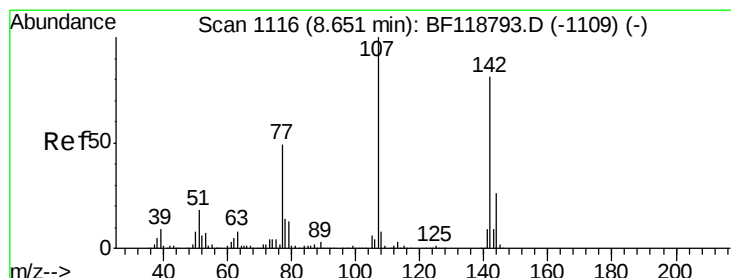
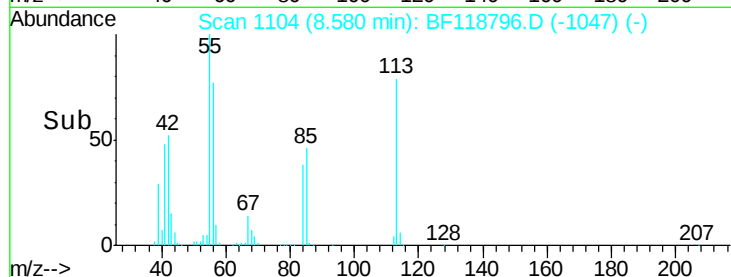
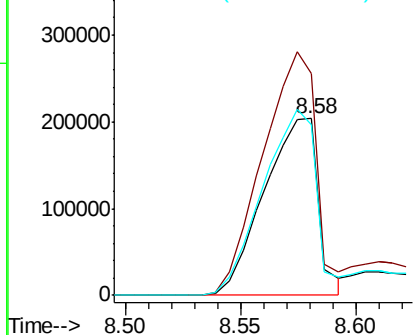
#35
 Caprolactam
 Concen: 62.599 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.04 min
 Lab File: BF118796.D
 Acq: 3 Feb 2020 13:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 331202
 Ion Ratio Lower Upper
 113 100
 55 125.9 115.5 155.5
 56 96.5 83.7 123.7

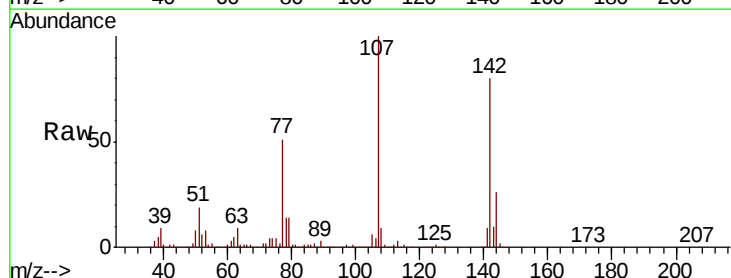


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

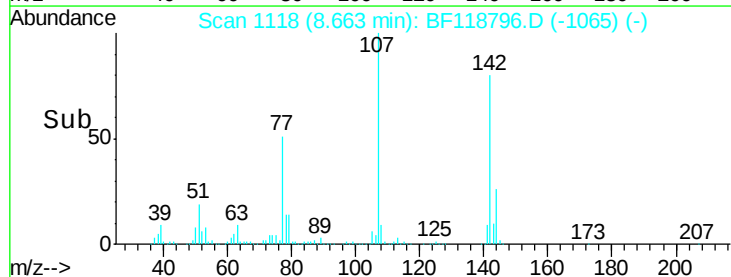
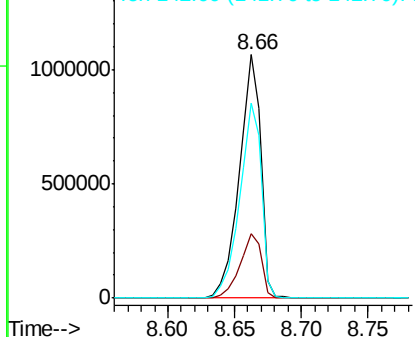


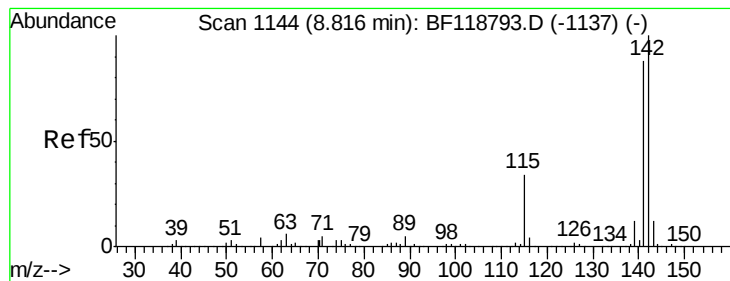
#36
 4-Chloro-3-methylphenol
 Concen: 74.606 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF118796.D
 Acq: 3 Feb 2020 13:39

Tgt Ion:107 Resp: 1191117
 Ion Ratio Lower Upper
 107 100
 144 26.2 21.0 31.6
 142 79.9 64.8 97.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 70.359 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

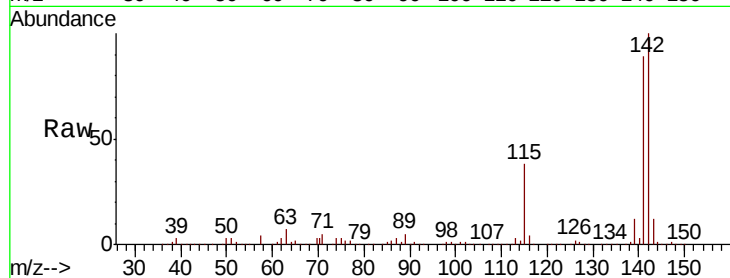
Tot Ion:142 Resp: 2434024

Ion Ratio Lower Upper

142 100

141 88.8 70.1 105.1

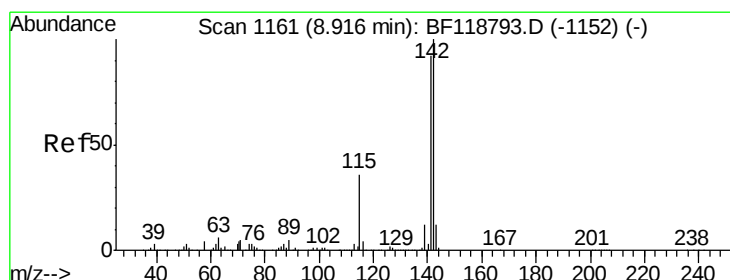
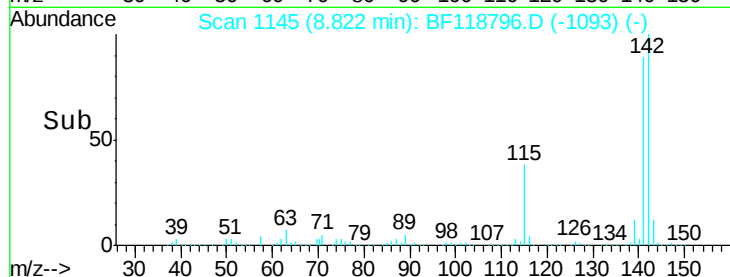
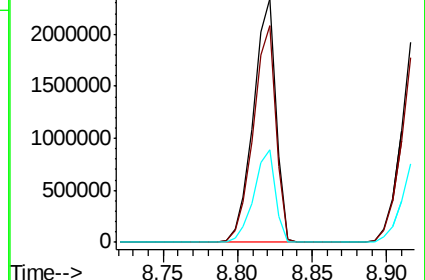
115 37.8 27.3 40.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 69.484 ng

RT: 8.92 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

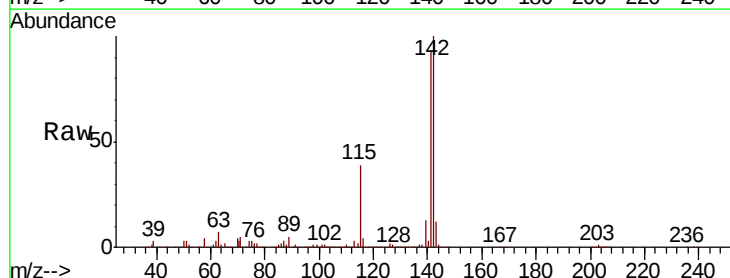
Tgt Ion:142 Resp: 2283660

Ion Ratio Lower Upper

142 100

141 92.6 73.8 110.6

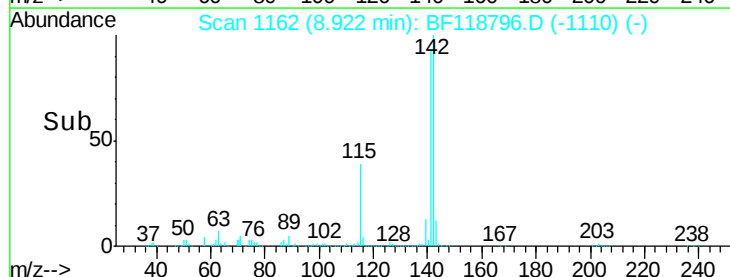
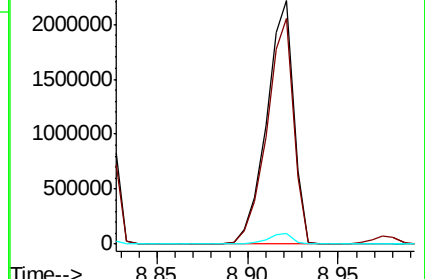
116 4.2 3.0 4.4

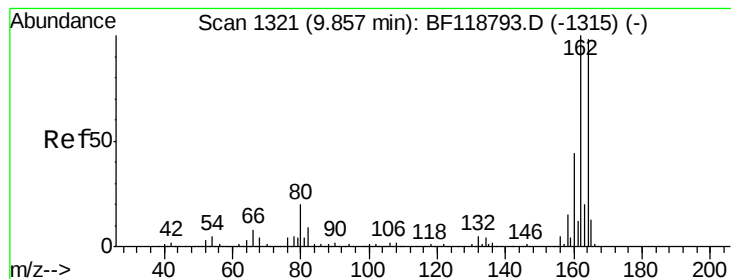


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

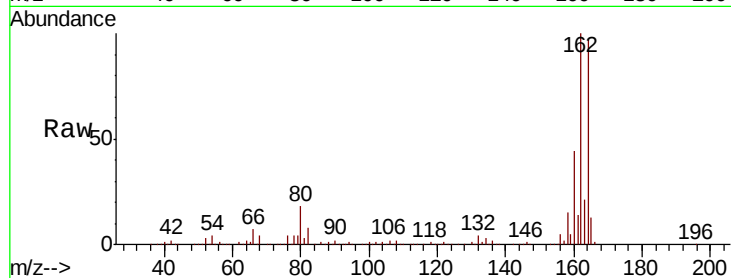
Tot Ion:164 Resp: 616606

Ion Ratio Lower Upper

164 100

162 103.1 81.4 122.2

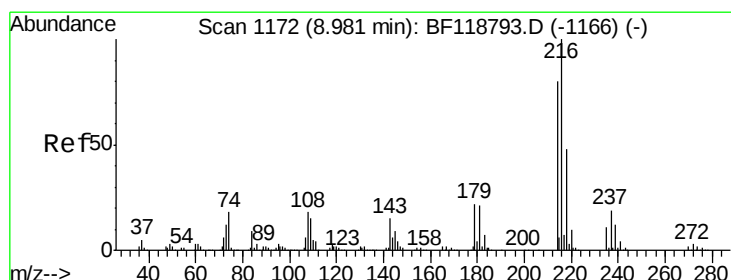
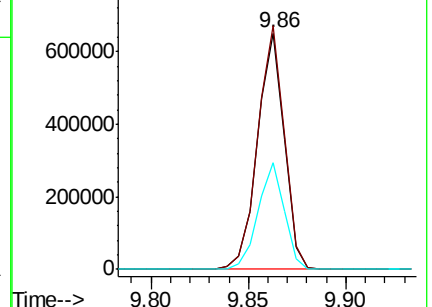
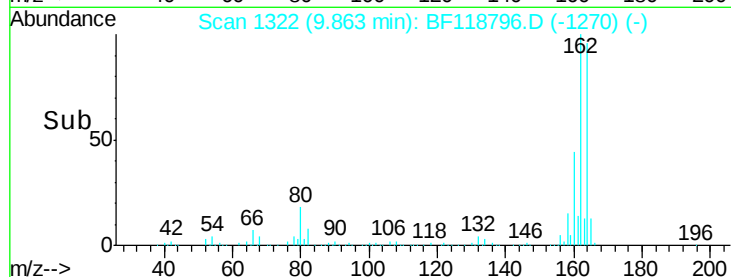
160 45.0 35.6 53.4



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: 68.306 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

Tgt Ion:216 Resp: 1317845

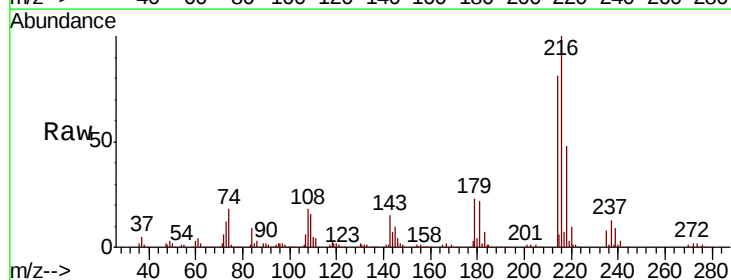
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 22.1 17.0 25.6

108 17.6 13.5 20.3

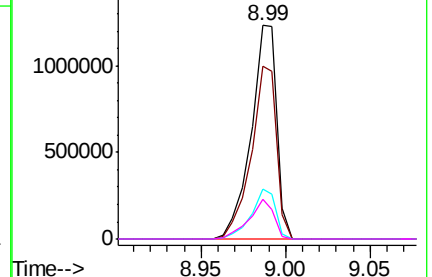
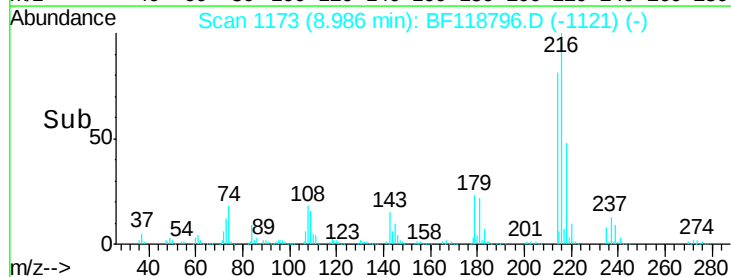


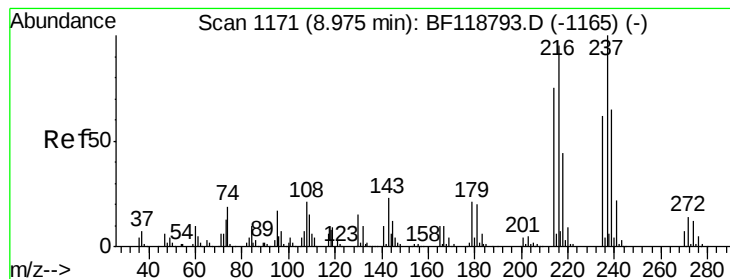
Abundance Ion 216.00 (215.70 to 216.70): E

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: 64.187 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

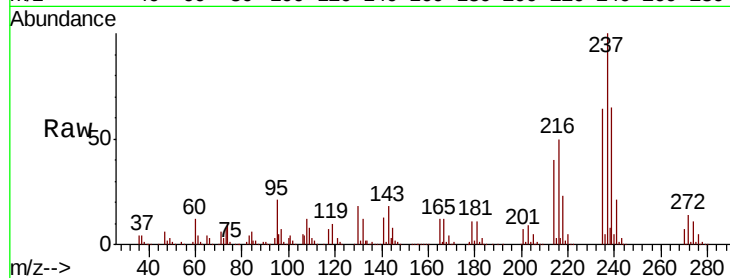
Tot Ion:237 Resp: 624795

Ion Ratio Lower Upper

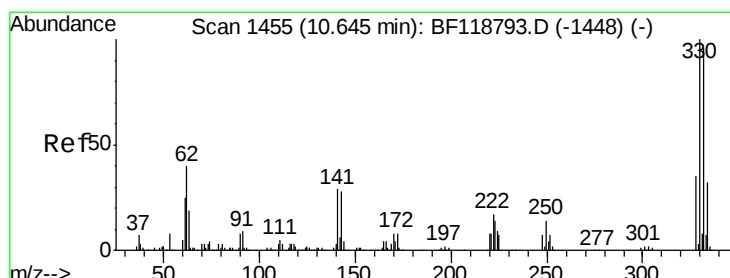
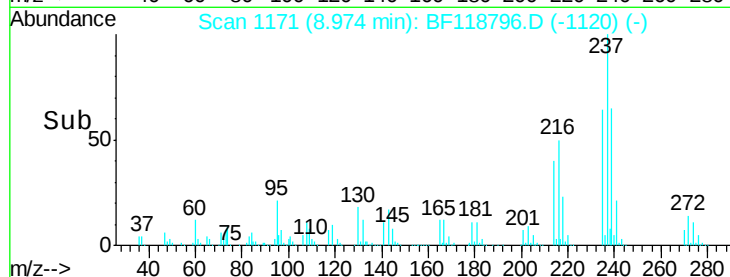
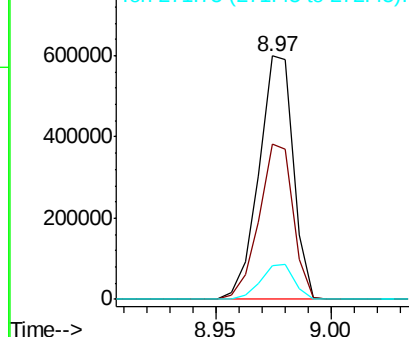
237 100

235 63.8 42.1 82.1

272 13.6 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: 152.025 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

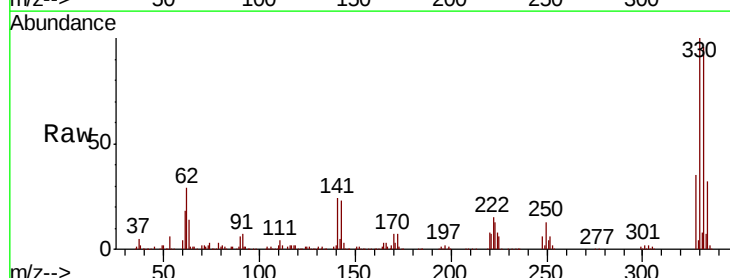
Tgt Ion:330 Resp: 1084218

Ion Ratio Lower Upper

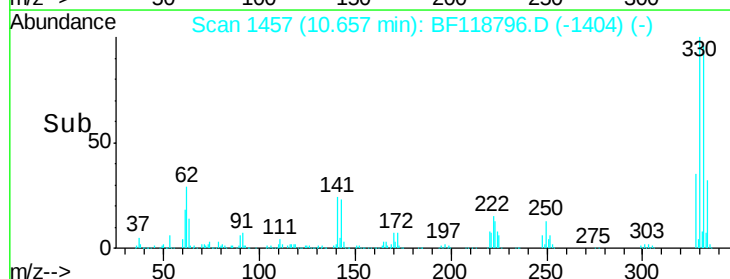
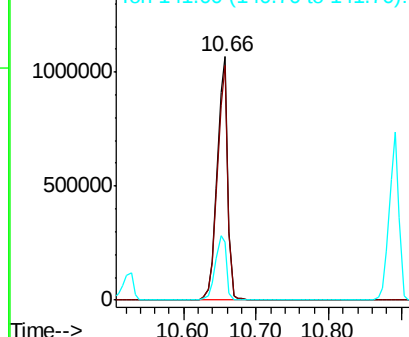
330 100

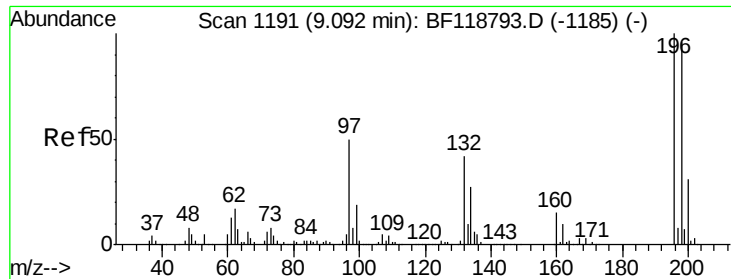
332 95.0 77.3 115.9

141 28.0 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

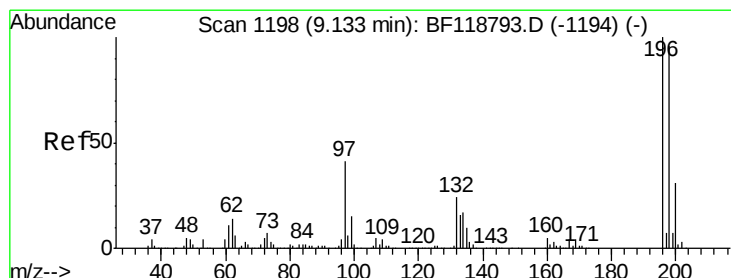
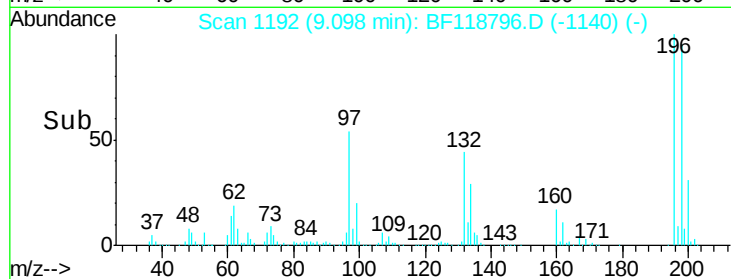
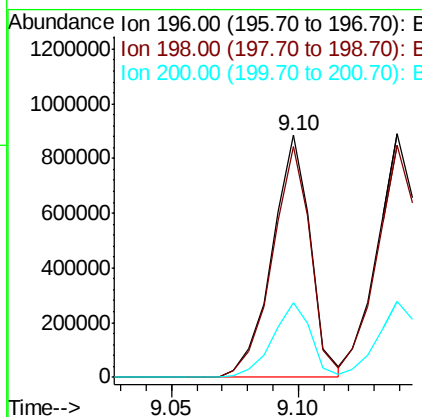
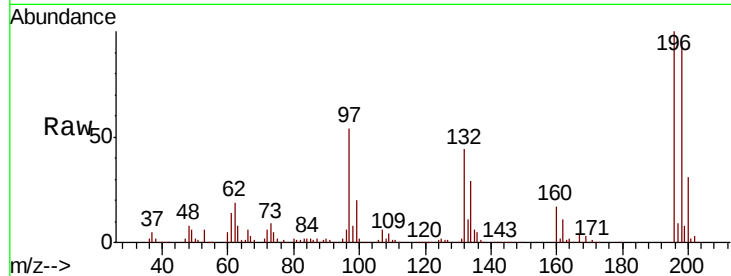




#43
 2,4,6-Trichlorophenol
 Concen: 72.706 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF118796.D
 Acq: 3 Feb 2020 13:39

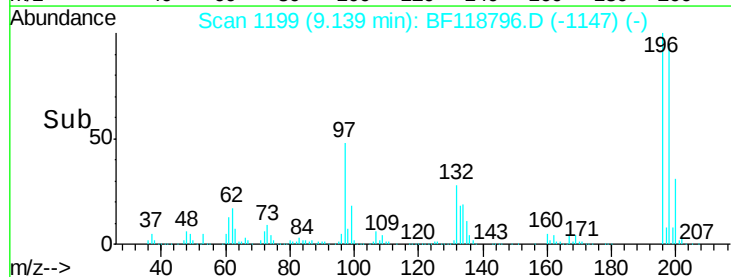
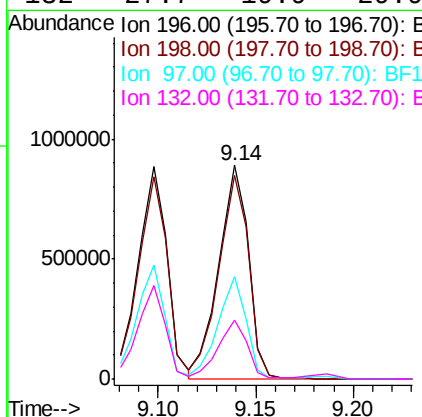
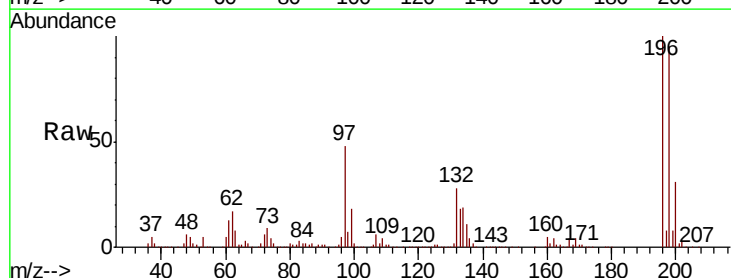
Instrument :
 BNA_F
 ClientSampled :

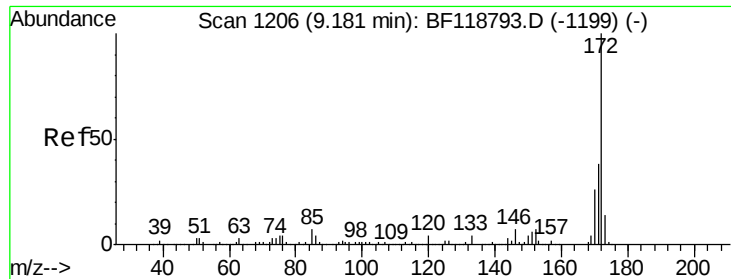
Tot Ion:196 Resp: 930831
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.7 115.1
 200 30.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 72.045 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118796.D
 Acq: 3 Feb 2020 13:39

Tgt Ion:196 Resp: 942006
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.0 115.4
 97 47.7 32.9 49.3
 132 27.7 19.9 29.9

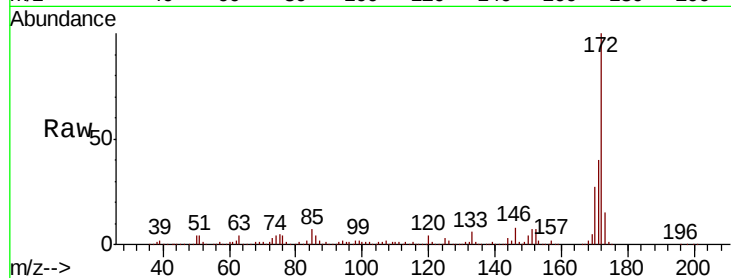




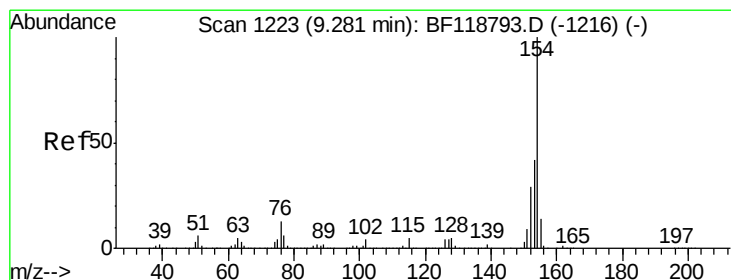
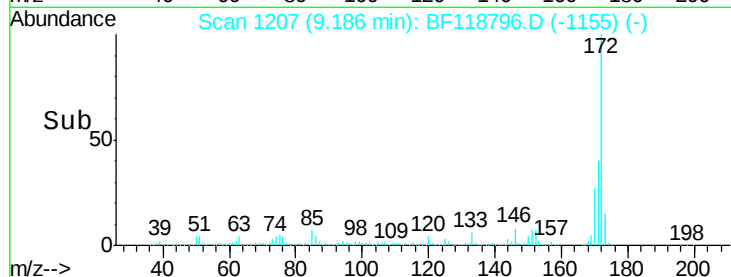
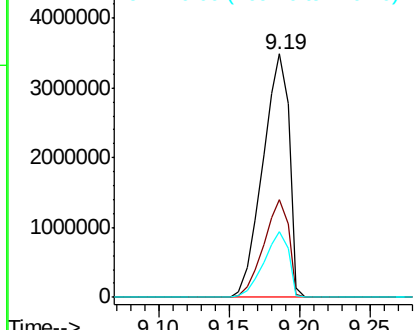
#45
2-Fluorobiphenyl
Concen: 122.336 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 4589453
Ion Ratio Lower Upper
172 100
171 40.3 30.8 46.2
170 27.1 20.5 30.7

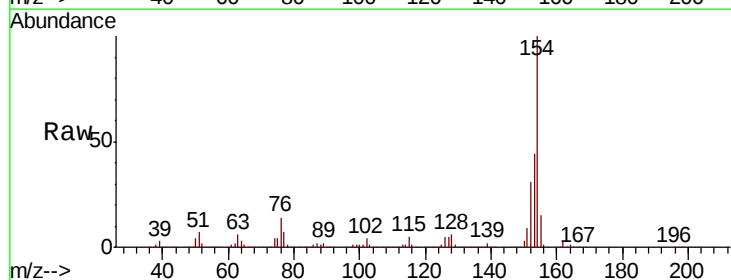


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

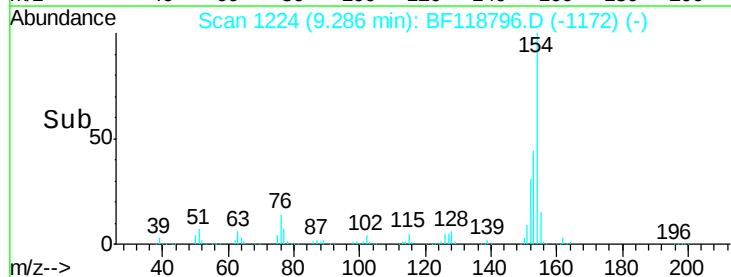
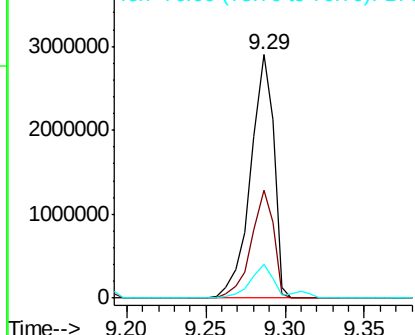


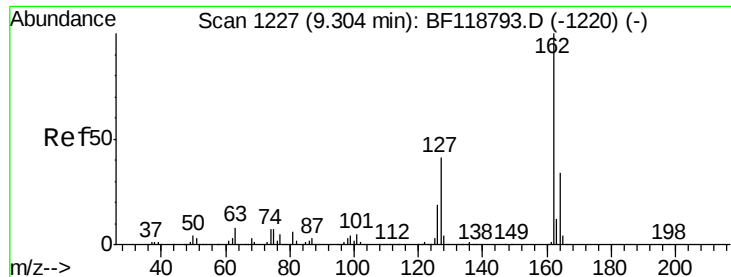
#46
1,1'-Biphenyl
Concen: 69.370 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Tgt Ion:154 Resp: 2947967
Ion Ratio Lower Upper
154 100
153 44.2 22.4 62.4
76 13.8 0.0 32.7



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

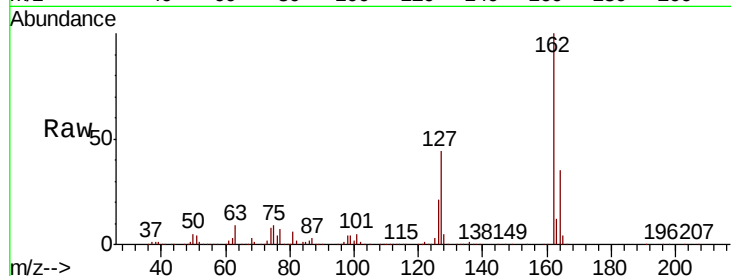




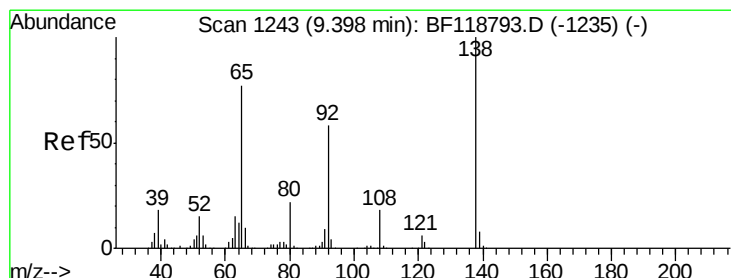
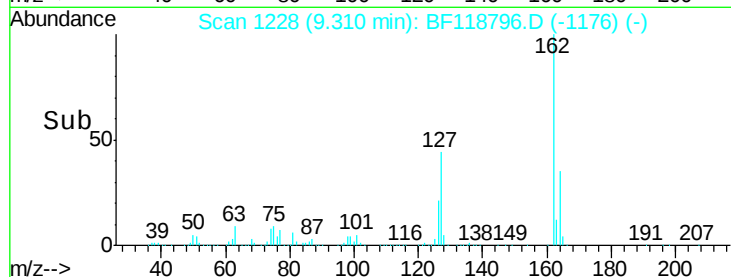
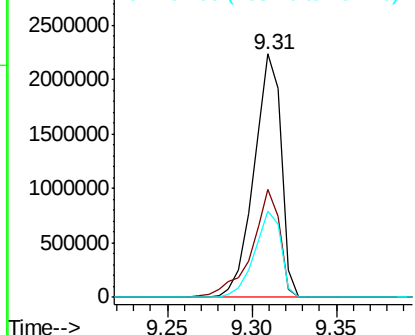
#47
 2-Chloronaphthalene
 Concen: 69.828 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: BF118796.D
 Acq: 3 Feb 2020 13:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 2501163
 Ion Ratio Lower Upper
 162 100
 127 44.2 33.3 49.9
 164 35.3 27.1 40.7

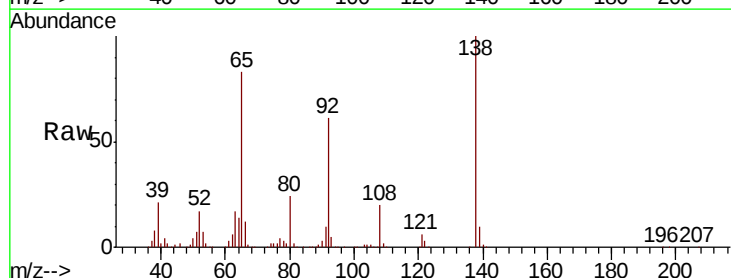


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

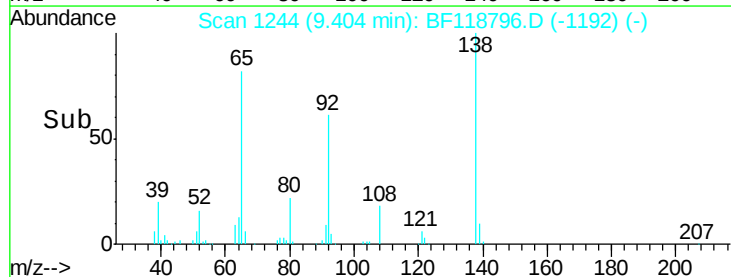
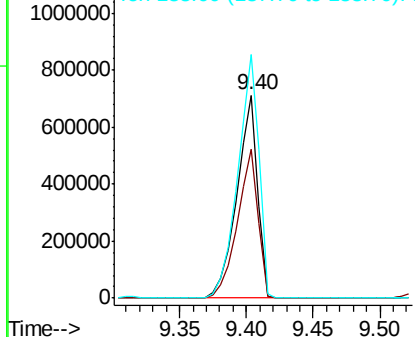


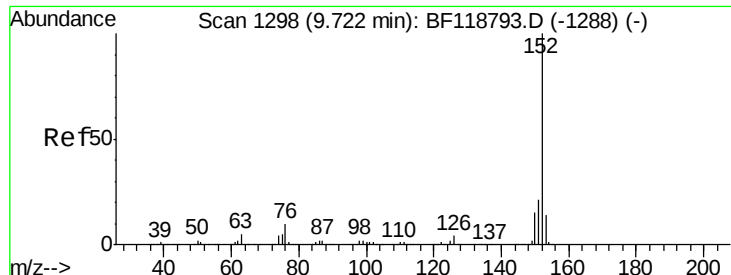
#48
 2-Nitroaniline
 Concen: 69.746 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF118796.D
 Acq: 3 Feb 2020 13:39

Tgt Ion: 65 Resp: 767951
 Ion Ratio Lower Upper
 65 100
 92 73.6 60.6 91.0
 138 120.0 104.6 156.8



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: 70.456 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

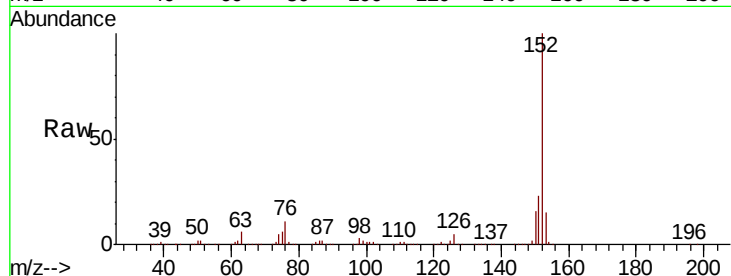
Tot Ion:152 Resp: 3550301

Ion Ratio Lower Upper

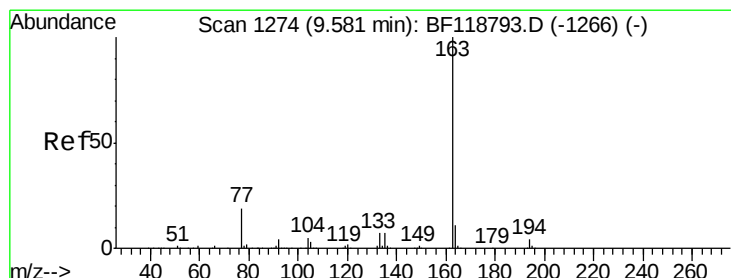
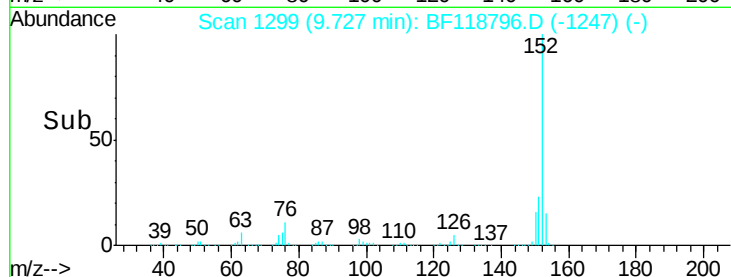
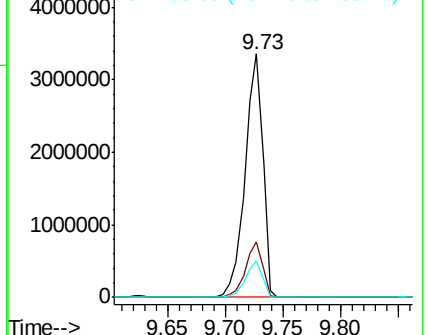
152 100

151 22.9 17.1 25.7

153 15.0 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: 75.928 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

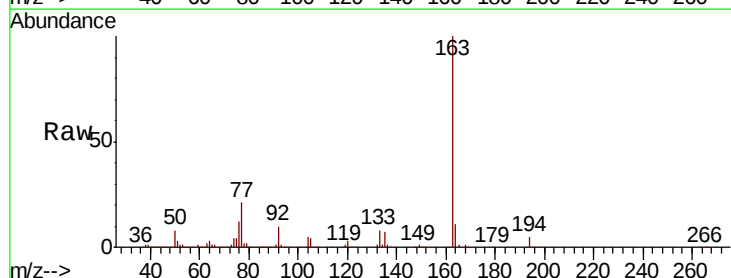
Tgt Ion:163 Resp: 3050234

Ion Ratio Lower Upper

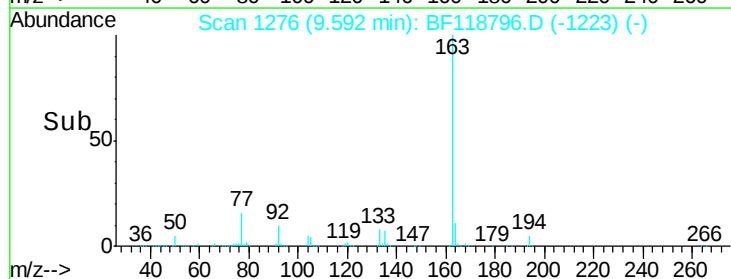
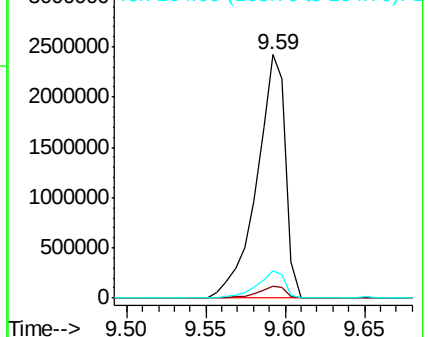
163 100

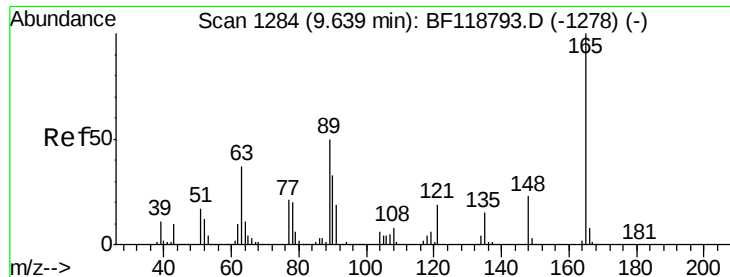
194 4.7 3.6 5.4

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

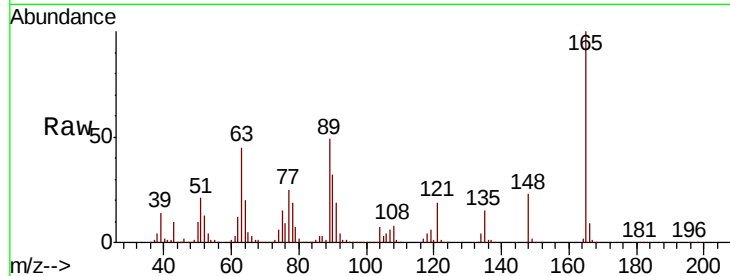




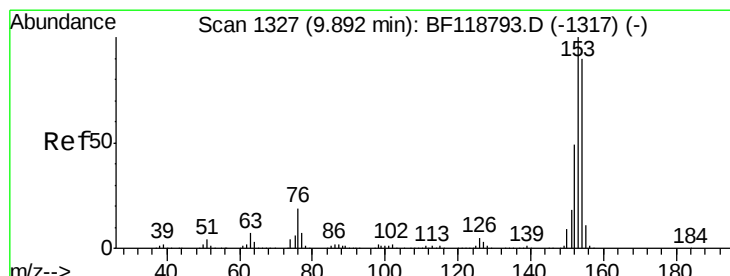
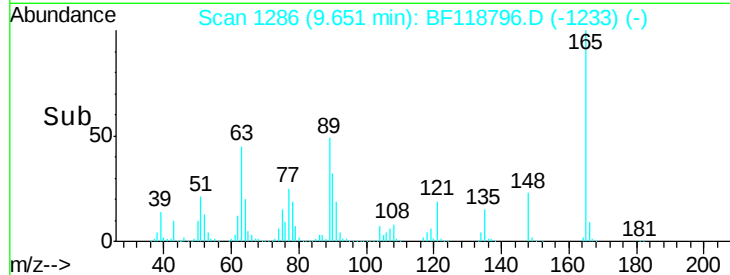
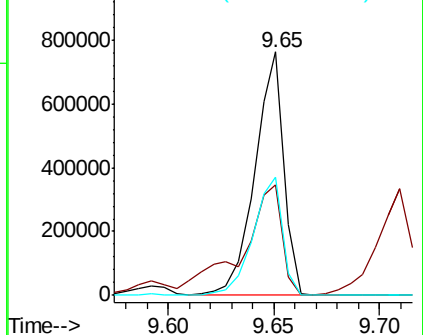
#51
 2,6-Dinitrotoluene
 Concen: 80.542 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. 0.01 min
 Lab File: BF118796.D
 Acq: 3 Feb 2020 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 724539
 Ion Ratio Lower Upper
 165 100
 63 45.2 37.4 56.0
 89 48.5 39.7 59.5

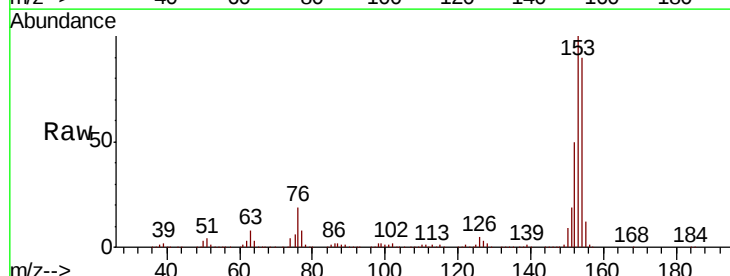


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

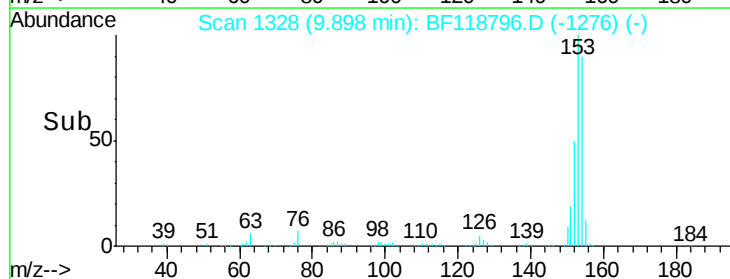
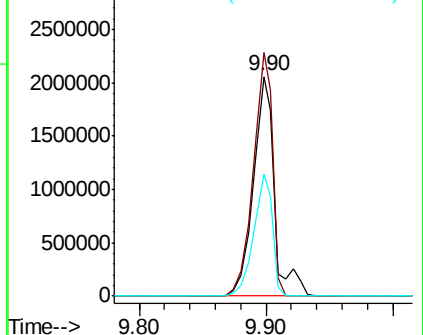


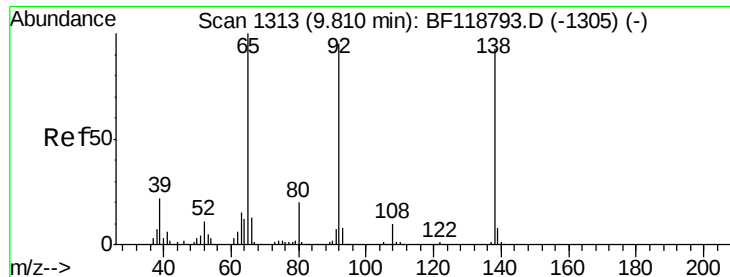
#52
 Acenaphthene
 Concen: 71.490 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: BF118796.D
 Acq: 3 Feb 2020 13:39

Tgt Ion:154 Resp: 2408828
 Ion Ratio Lower Upper
 154 100
 153 110.8 89.4 134.0
 152 55.5 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

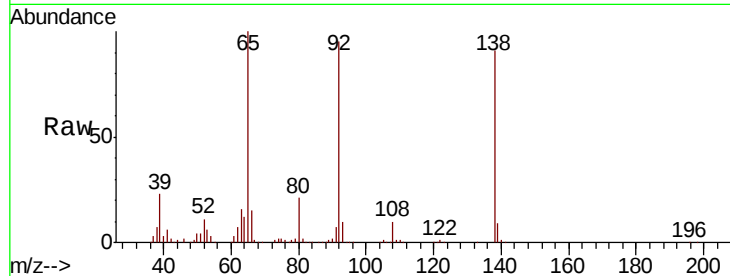




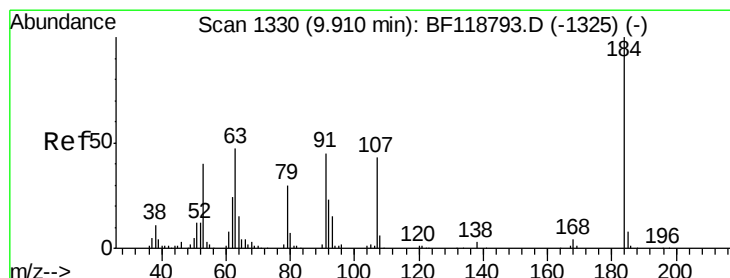
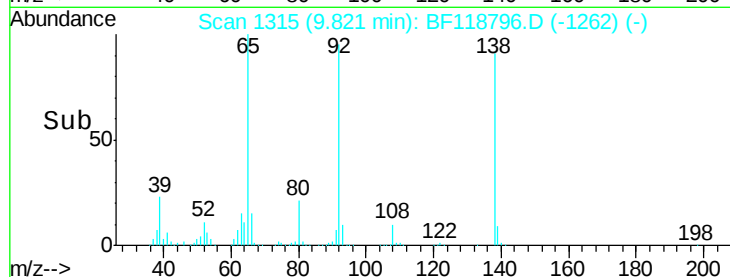
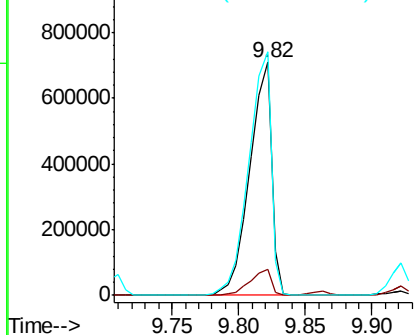
#53
3-Nitroaniline
Concen: 77.361 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 794646
Ion Ratio Lower Upper
138 100
108 11.0 8.5 12.7
92 104.6 82.2 123.4

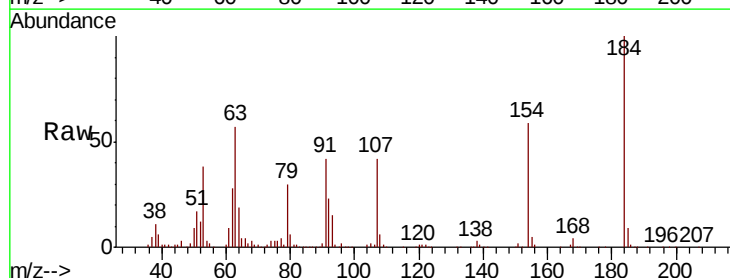


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

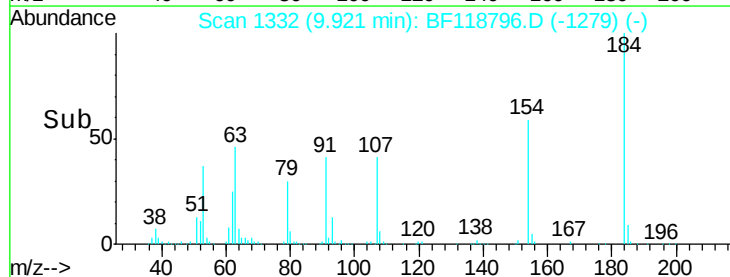
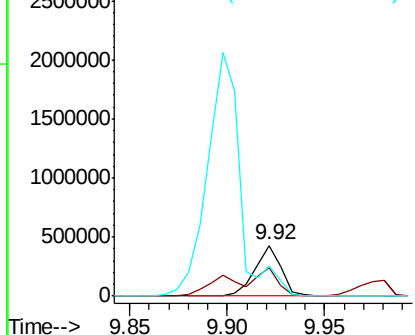


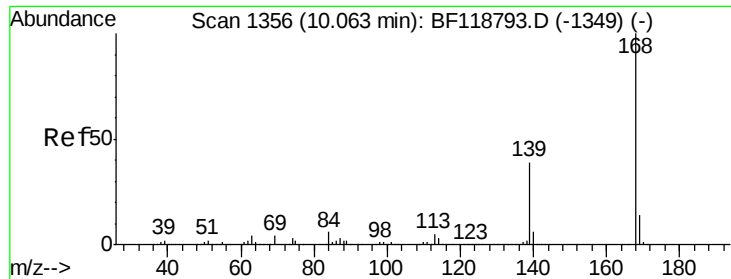
#54
2,4-Dinitrophenol
Concen: 111.649 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Tgt Ion:184 Resp: 400970
Ion Ratio Lower Upper
184 100
63 56.9 47.5 71.3
154 59.1 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

Dibenzofuran

Concen: 69.043 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

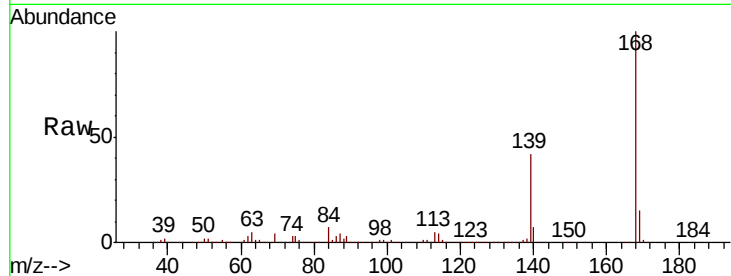
Tot Ion:168 Resp: 3223943

Ion Ratio Lower Upper

168 100

139 42.3 31.6 47.4

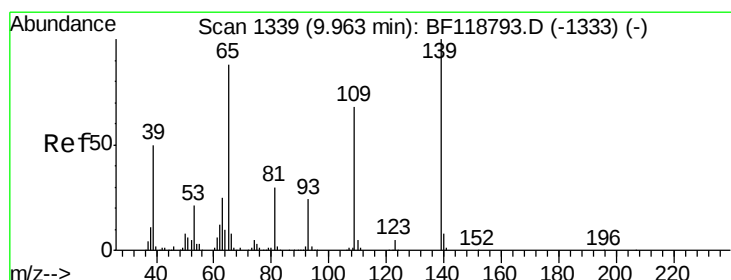
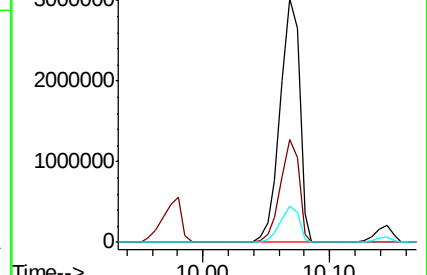
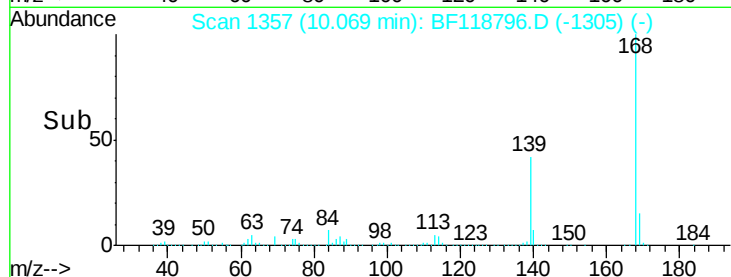
169 15.0 11.4 17.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 76.668 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.02 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

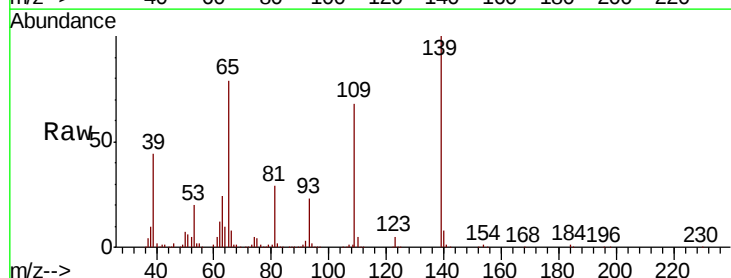
Tgt Ion:139 Resp: 594515

Ion Ratio Lower Upper

139 100

109 68.3 48.0 88.0

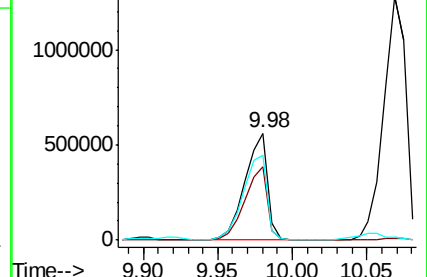
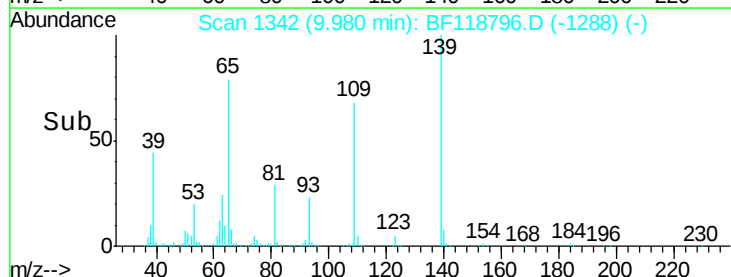
65 79.2 68.3 108.3

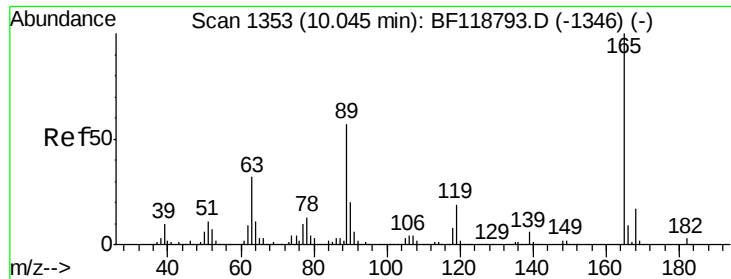


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

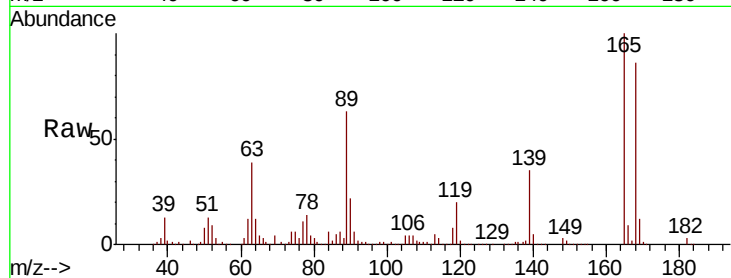




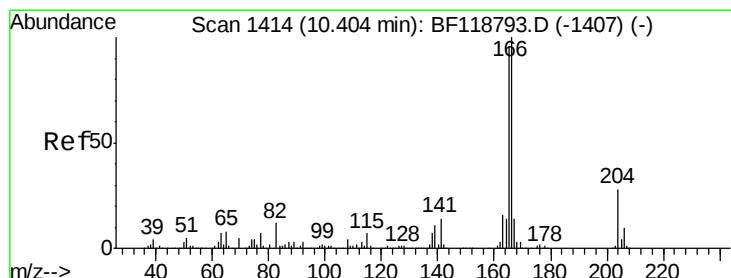
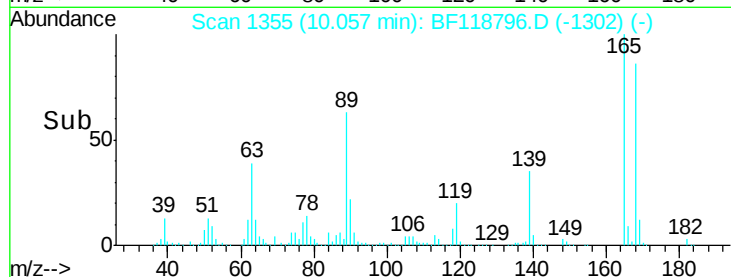
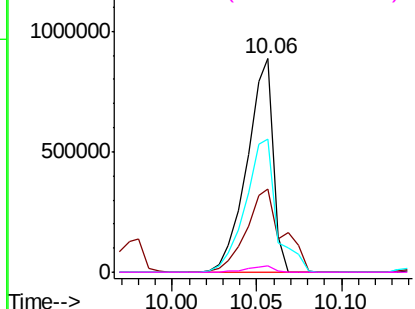
#57
2,4-Dinitrotoluene
Concen: 84.846 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 962197
Ion Ratio Lower Upper
165 100
63 38.9 25.5 38.3#
89 62.6 45.4 68.0
182 3.0 2.4 3.6

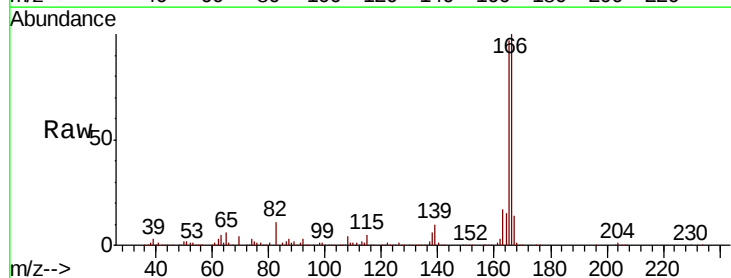


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

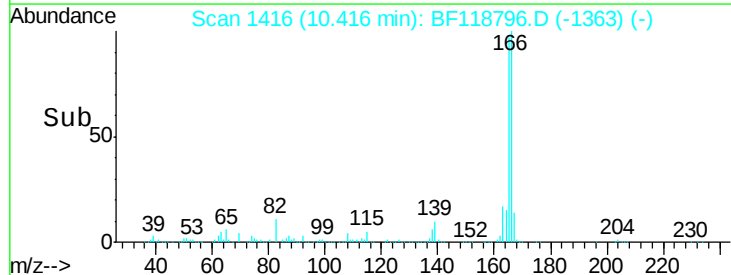
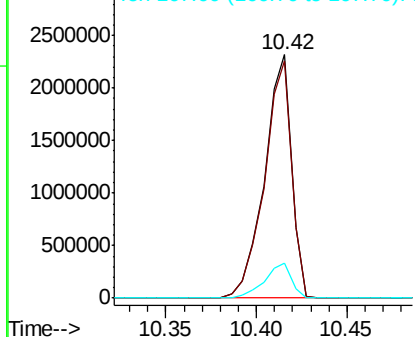


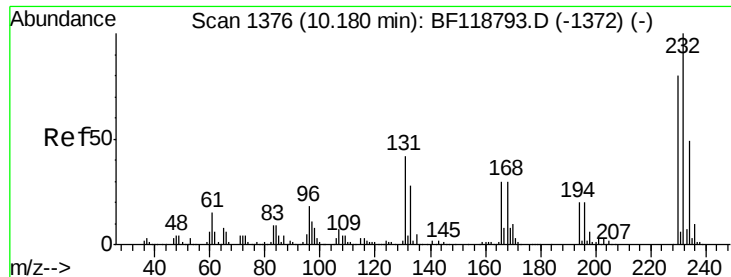
#58
Fluorene
Concen: 65.488 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Tgt Ion:166 Resp: 2400631
Ion Ratio Lower Upper
166 100
165 97.5 77.0 115.6
167 14.2 11.1 16.7



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

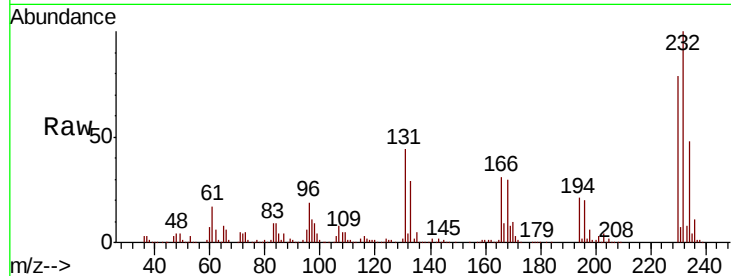




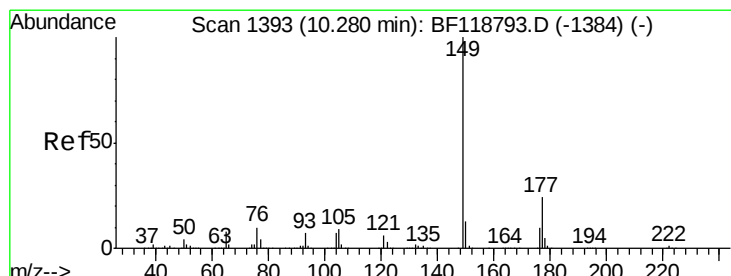
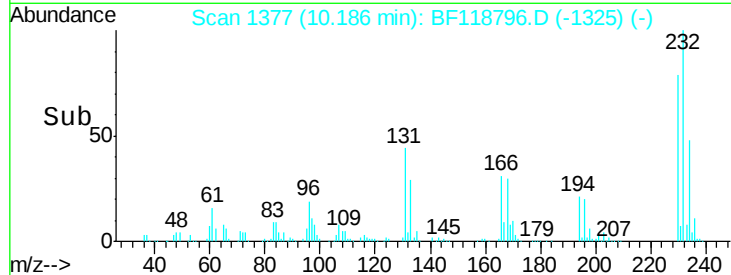
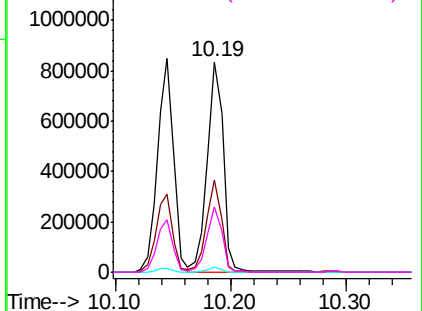
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 70.665 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF118796.D
 Acq: 3 Feb 2020 13:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	812685
Ion	Ratio	Lower	Upper
232	100		
131	41.1	31.8	47.6
130	2.1	1.6	2.4
166	29.2	23.1	34.7

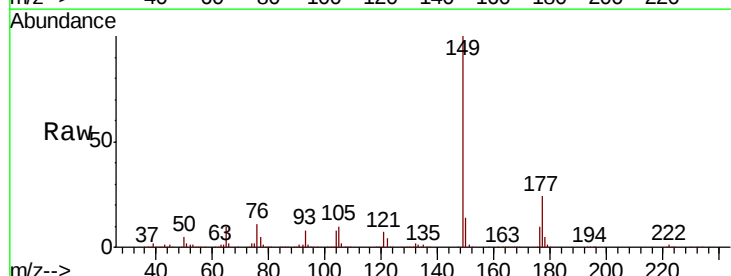


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

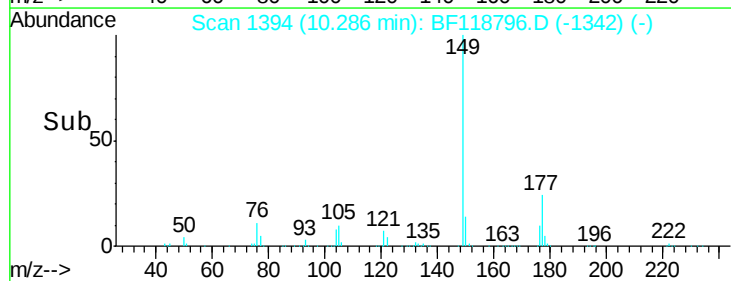
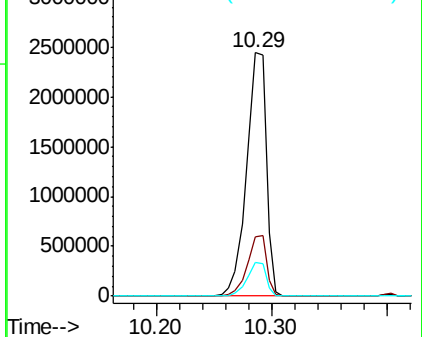


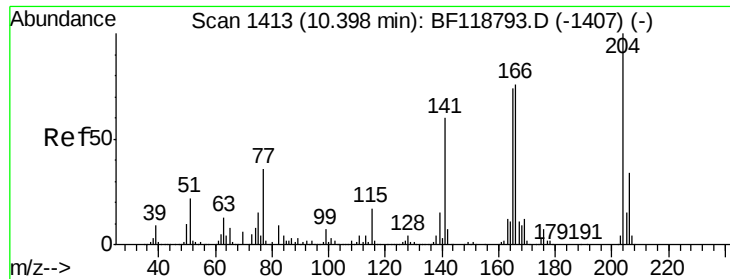
#60
 Diethylphthalate
 Concen: 74.491 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF118796.D
 Acq: 3 Feb 2020 13:39

Tgt Ion:	149	Resp:	2901465
Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.3	28.9
150	13.9	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

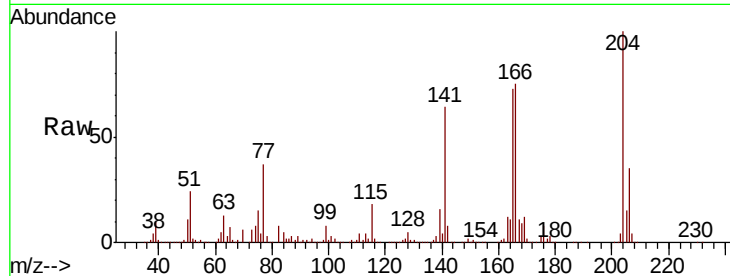




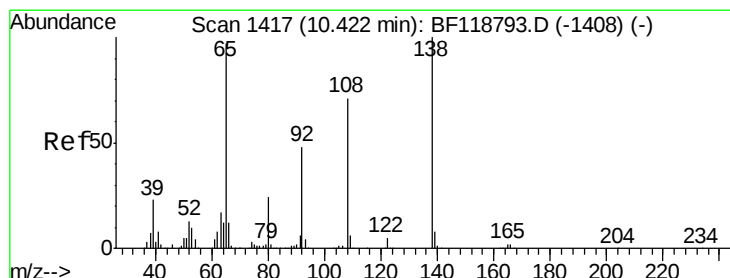
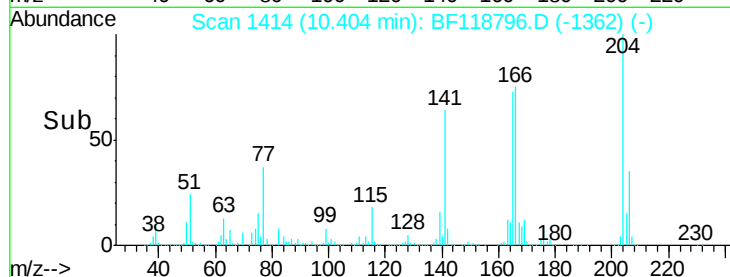
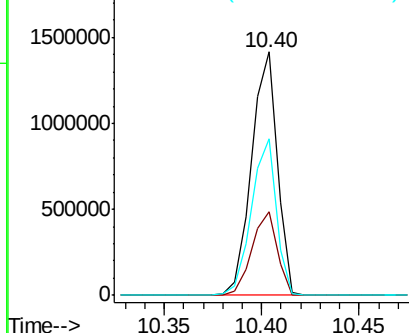
#61
4-Chlorophenyl-phenylether
Concen: 65.180 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 1299513
Ion Ratio Lower Upper
204 100
206 34.6 27.4 41.2
141 64.1 47.8 71.6

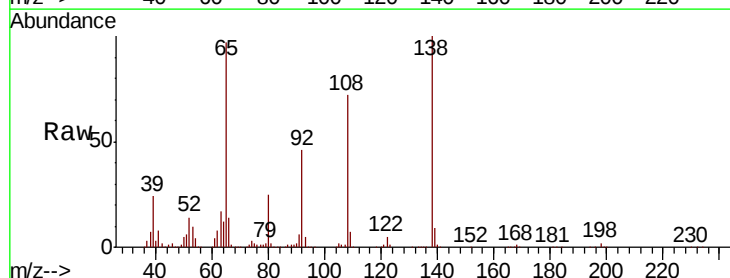


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

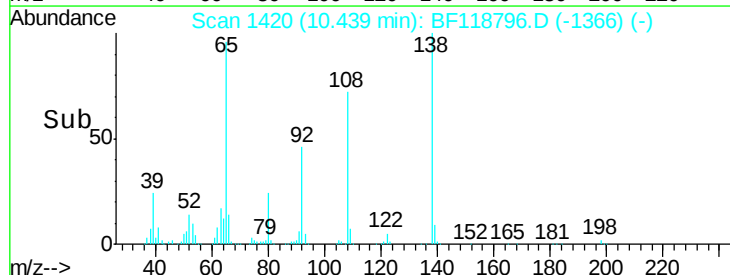
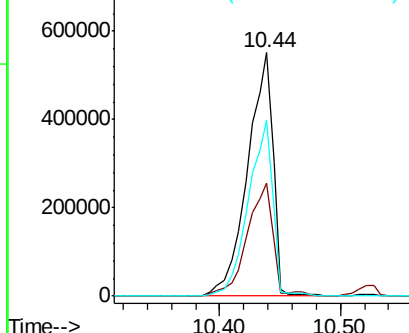


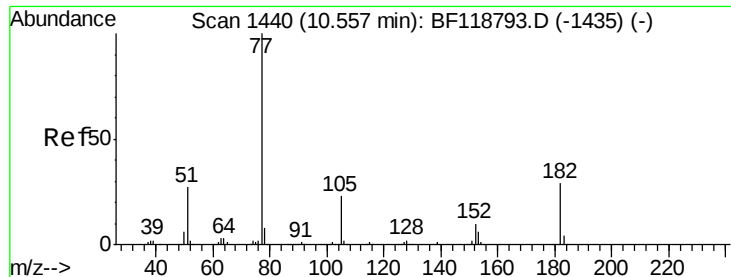
#62
4-Nitroaniline
Concen: 77.243 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.02 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Tgt Ion:138 Resp: 813878
Ion Ratio Lower Upper
138 100
92 46.2 27.6 67.6
108 72.1 51.3 91.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

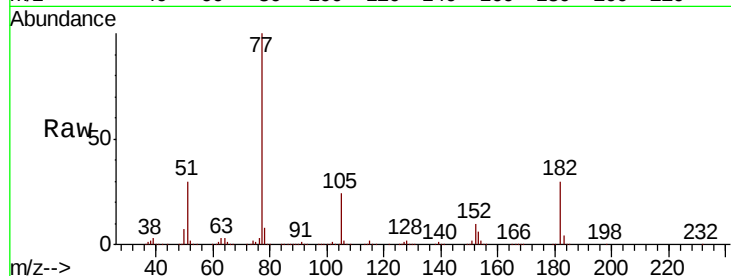




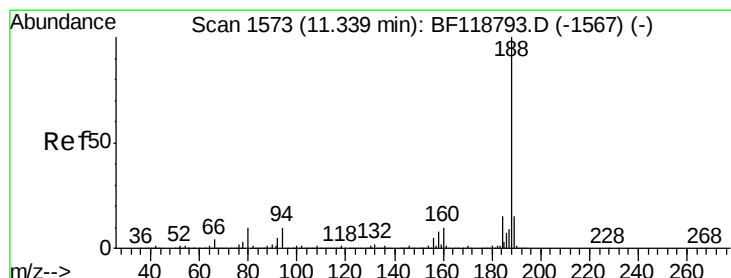
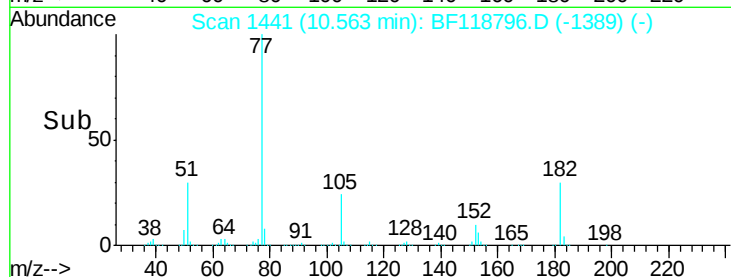
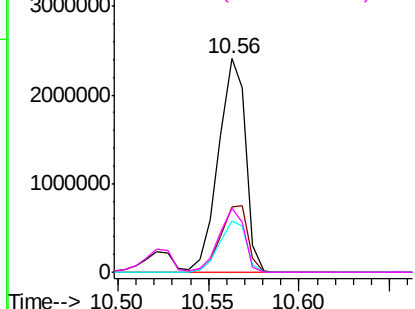
#63
Azobenzene
Concen: 66.195 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 2497004
Ion Ratio Lower Upper
77 100
182 30.4 9.2 49.2
105 24.0 3.1 43.1
51 30.2 7.4 47.4

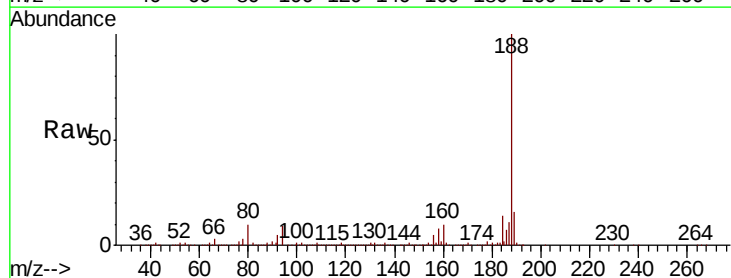


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

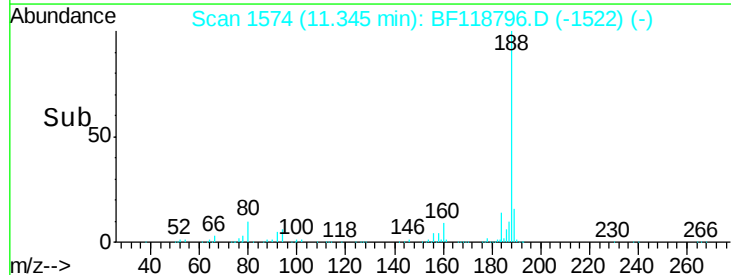
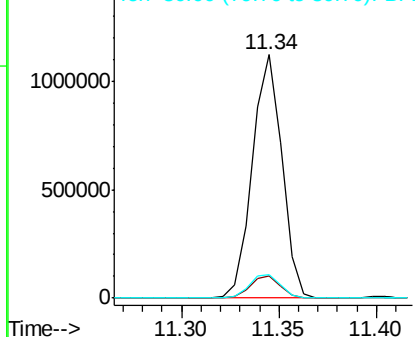


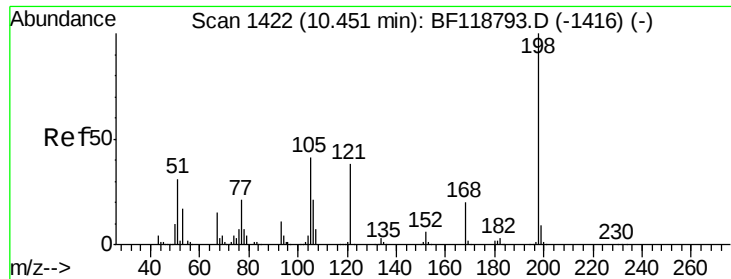
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Tgt Ion: 188 Resp: 1177441
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): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

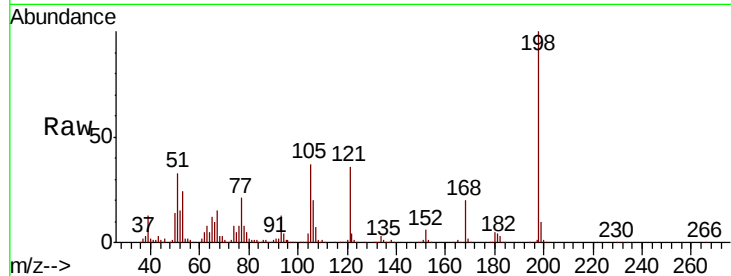




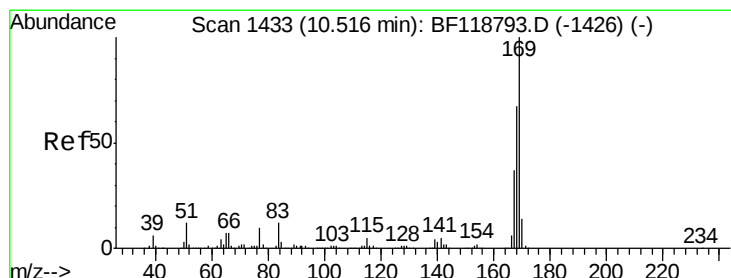
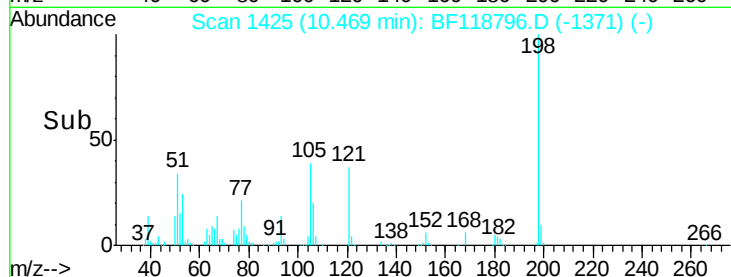
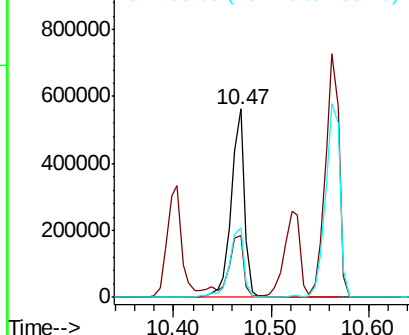
#65
 4,6-Dinitro-2-methylphenol
 Concen: 103.699 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.02 min
 Lab File: BF118796.D
 Acq: 3 Feb 2020 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 536900
 Ion Ratio Lower Upper
 198 100
 51 32.5 16.7 56.7
 105 37.2 22.0 62.0

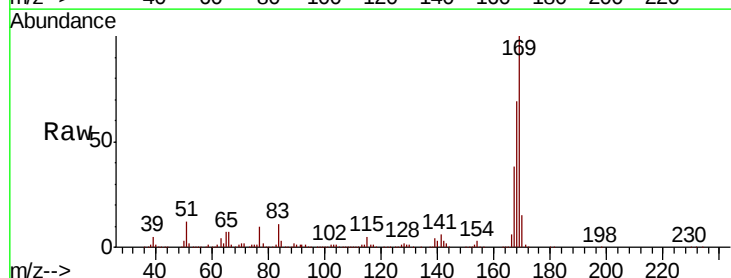


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

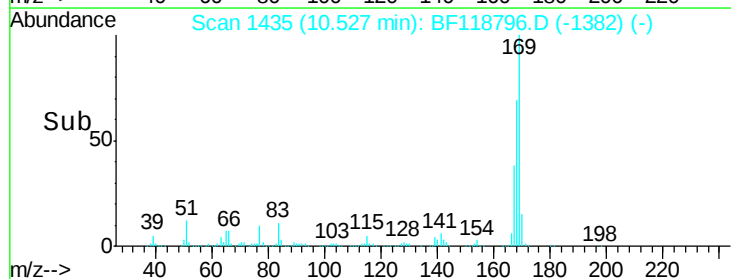
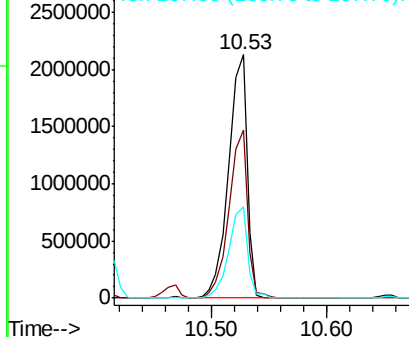


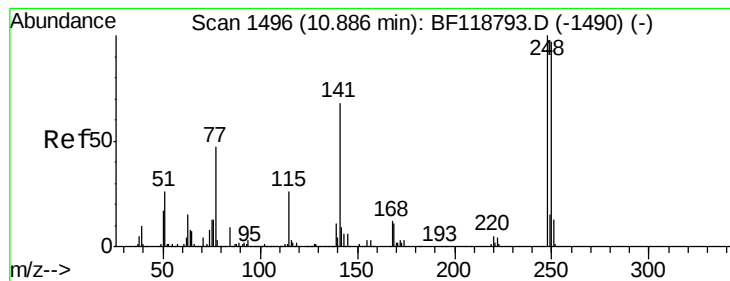
#66
 n-Nitrosodiphenylamine
 Concen: 66.894 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF118796.D
 Acq: 3 Feb 2020 13:39

Tgt Ion:169 Resp: 2375337
 Ion Ratio Lower Upper
 169 100
 168 69.0 53.5 80.3
 167 37.8 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: 69.125 ng

RT: 10.89 min Scan# 1497

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

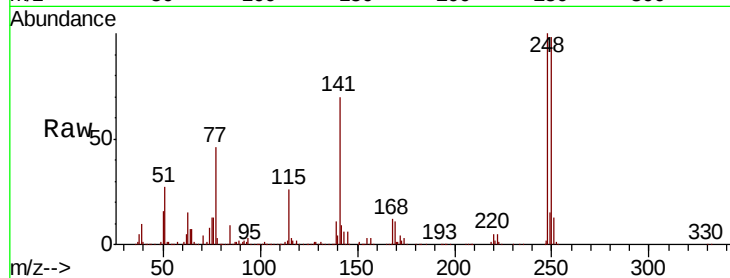
Tot Ion:248 Resp: 1005543

Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.6	116.4
141	69.6	54.4	81.6

248 100

250 97.5 77.6 116.4

141 69.6 54.4 81.6

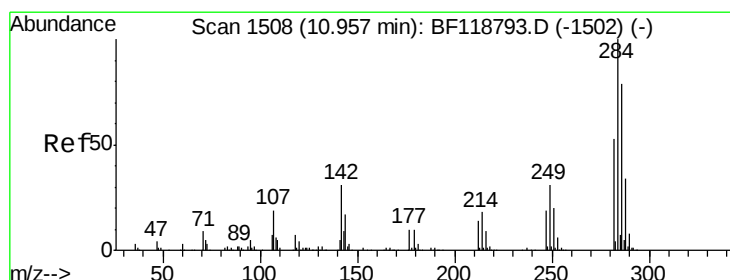
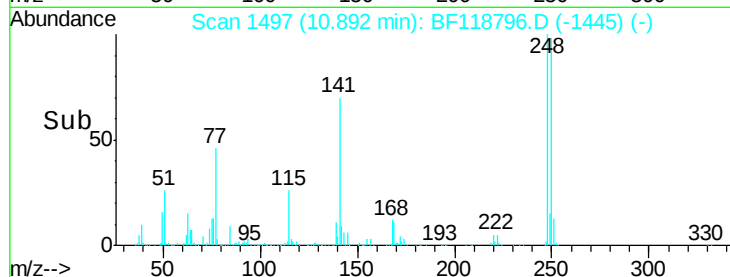
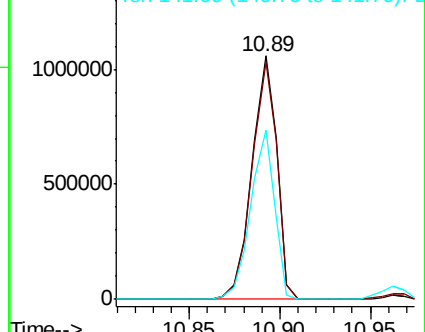


Abundance

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: 69.245 ng

RT: 10.96 min Scan# 1509

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

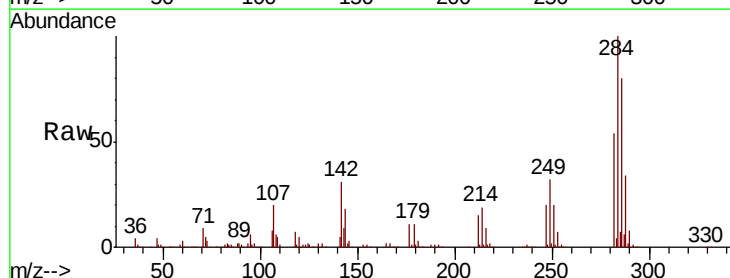
Tgt Ion:284 Resp: 1142014

Ion	Ratio	Lower	Upper
284	100		
142	31.1	24.5	36.7
249	31.6	24.7	37.1

284 100

142 31.1 24.5 36.7

249 31.6 24.7 37.1

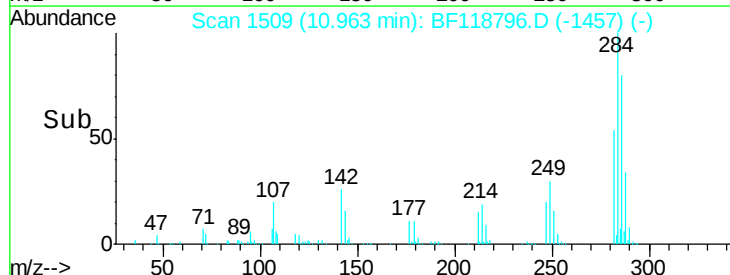
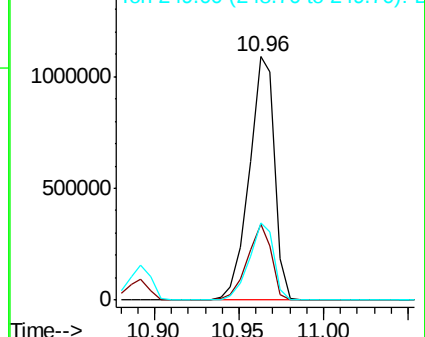


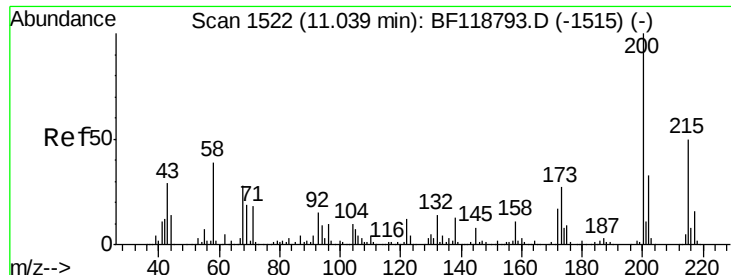
Abundance

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

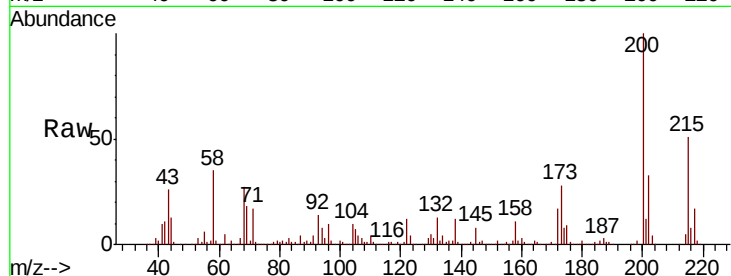




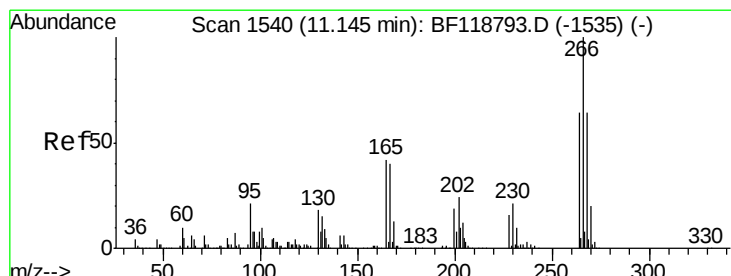
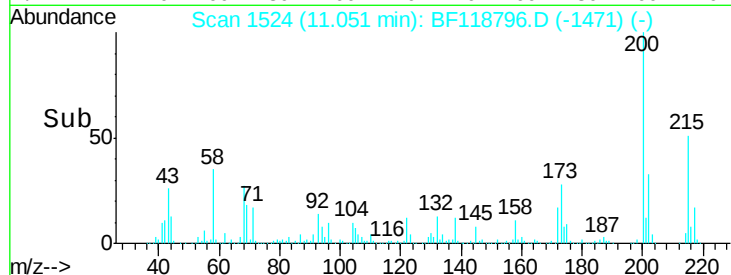
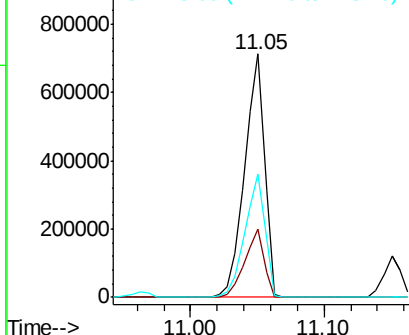
#69
 Atrazine
 Concen: 59.210 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF118796.D
 Acq: 3 Feb 2020 13:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 728728
 Ion Ratio Lower Upper
 200 100
 173 27.8 7.5 47.5
 215 50.9 29.9 69.9

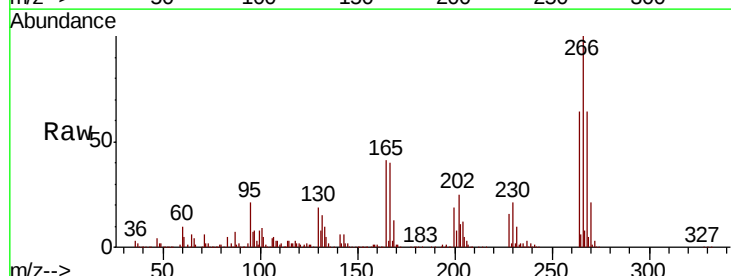


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

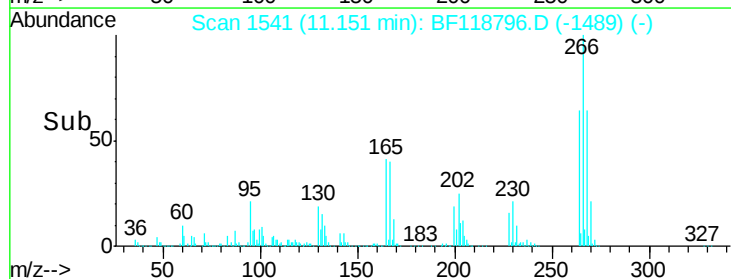
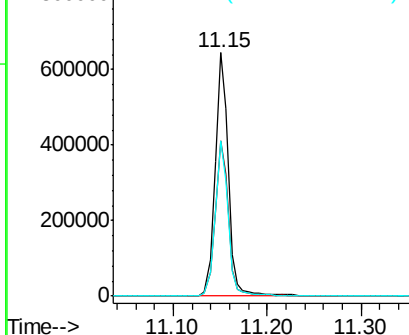


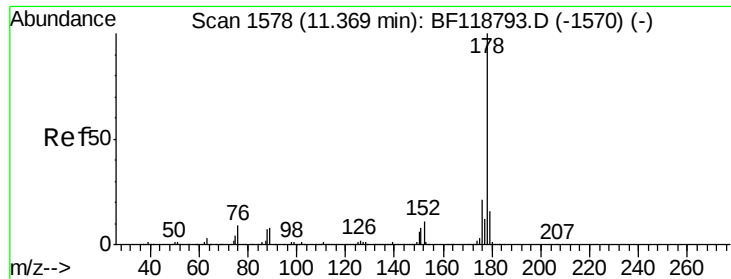
#70
 Pentachlorophenol
 Concen: 70.355 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF118796.D
 Acq: 3 Feb 2020 13:39

Tgt Ion:266 Resp: 645121
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.0 76.6
 264 63.8 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

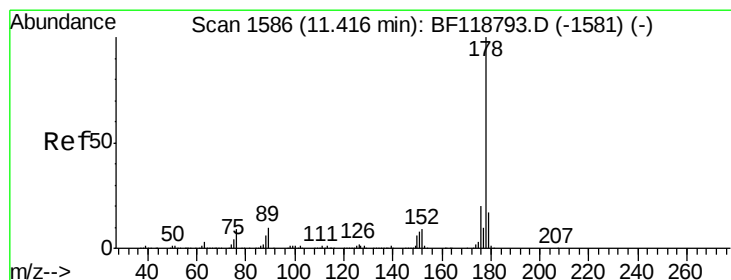
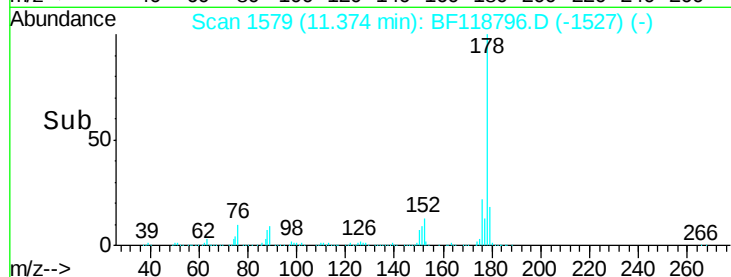
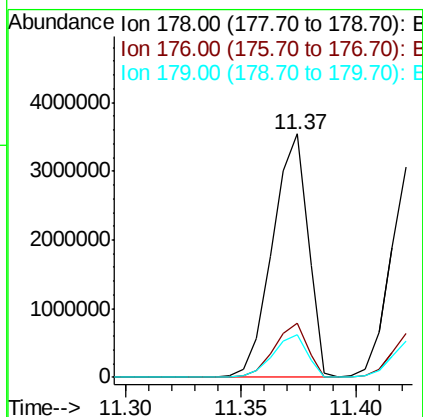
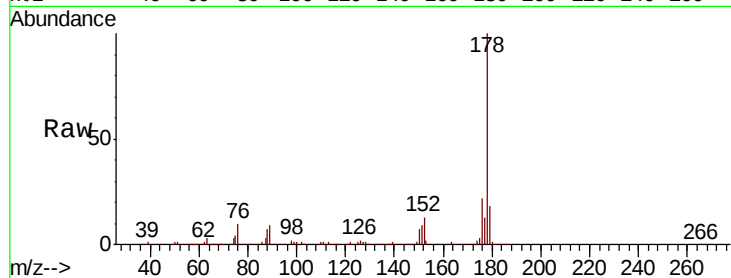




#71
Phenanthrene
Concen: 66.580 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

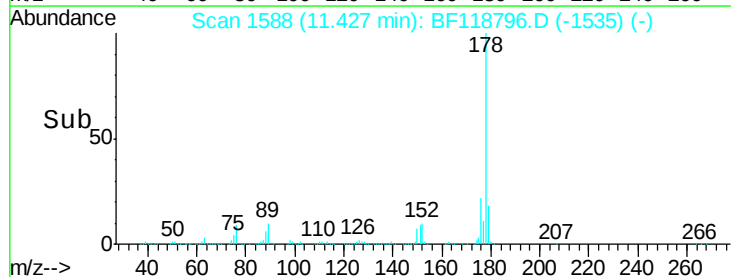
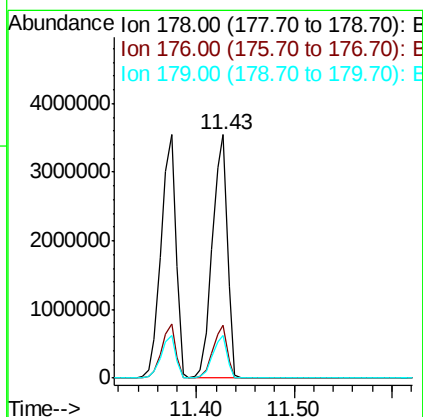
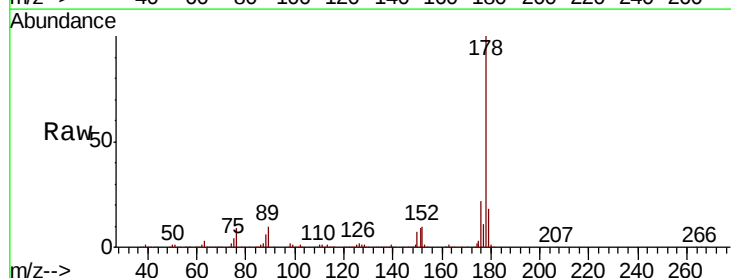
Instrument :
BNA_F
ClientSampleId :

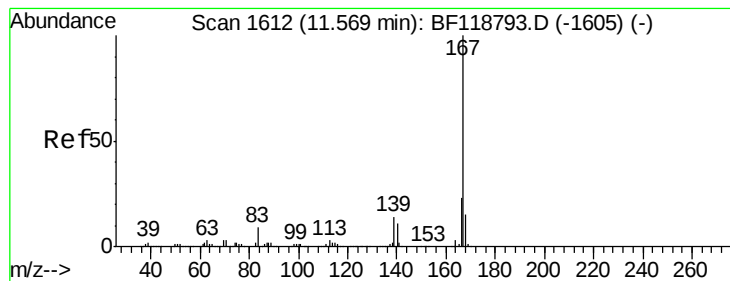
Tot Ion:178 Resp: 3782065
Ion Ratio Lower Upper
178 100
176 22.4 16.6 24.8
179 17.7 13.2 19.8



#72
Anthracene
Concen: 67.235 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Tgt Ion:178 Resp: 3779126
Ion Ratio Lower Upper
178 100
176 21.7 16.2 24.2
179 17.8 13.4 20.2





#73

Carbazole

Concen: 68.423 ng

RT: 11.57 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

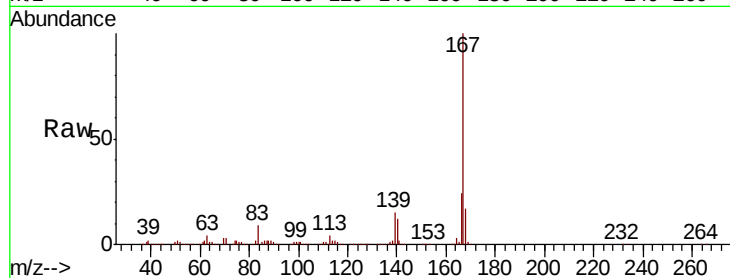
Tot Ion:167 Resp: 3527629

Ion Ratio Lower Upper

167 100

166 24.5 18.4 27.6

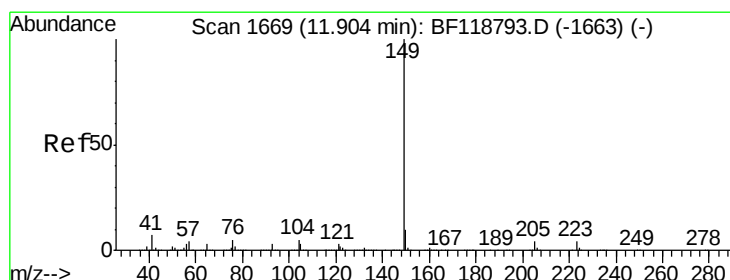
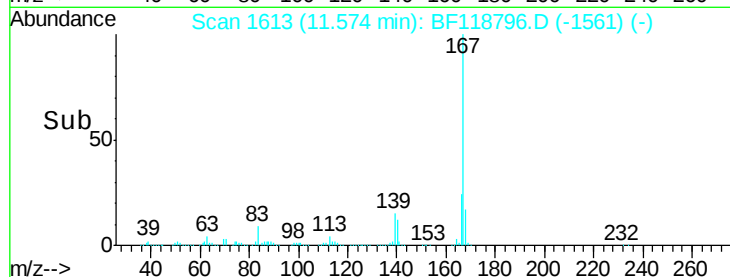
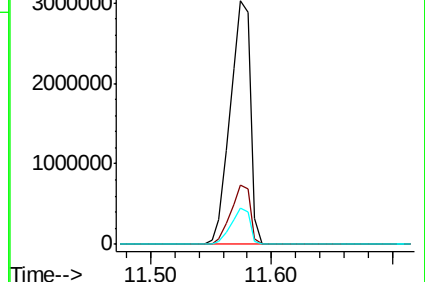
139 15.1 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 73.860 ng

RT: 11.91 min Scan# 1670

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

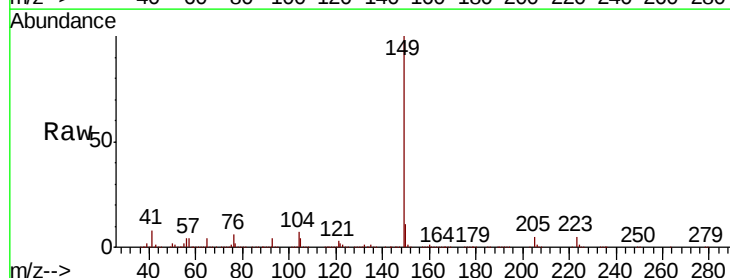
Tgt Ion:149 Resp: 4230713

Ion Ratio Lower Upper

149 100

150 11.4 8.1 12.1

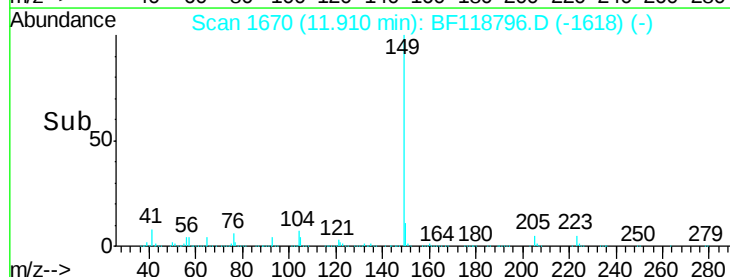
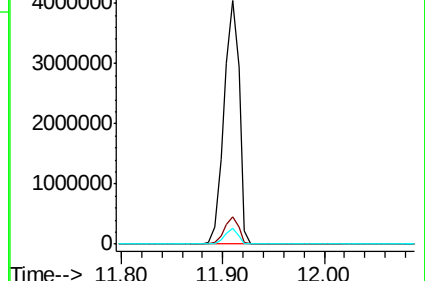
104 6.5 4.3 6.5#

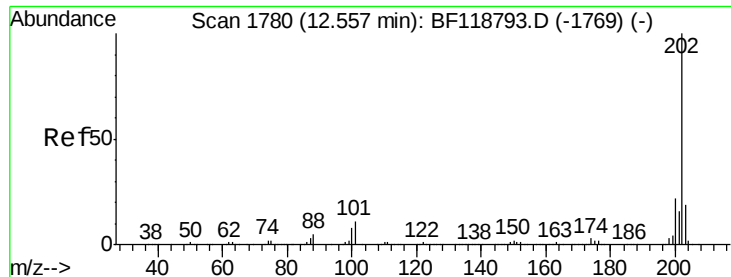


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

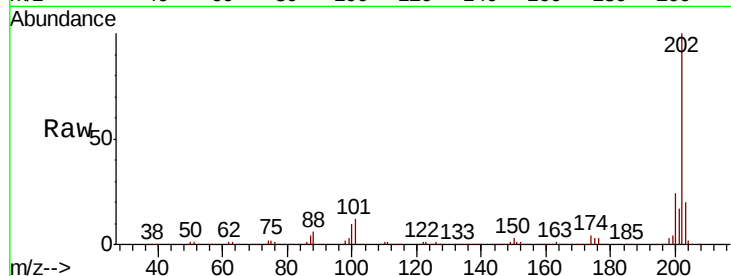




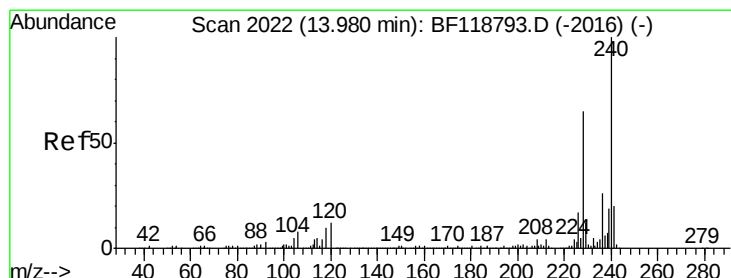
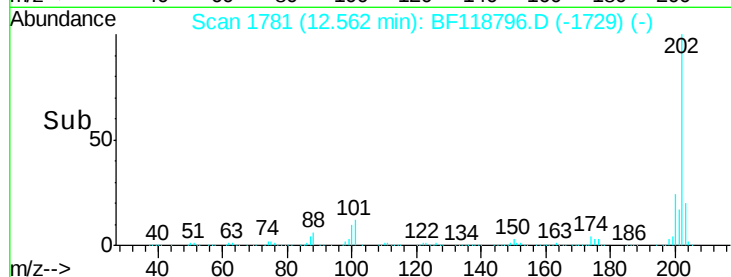
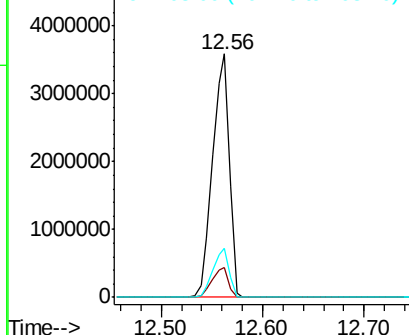
#75
 Fluoranthene
 Concen: 68.417 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. 0.01 min
 Lab File: BF118796.D
 Acq: 3 Feb 2020 13:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 4099046
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 31.0
 203 20.4 0.0 38.7

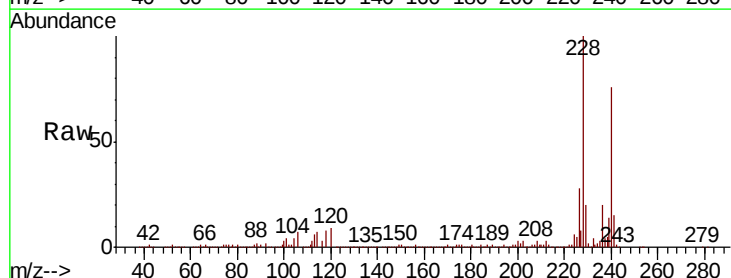


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

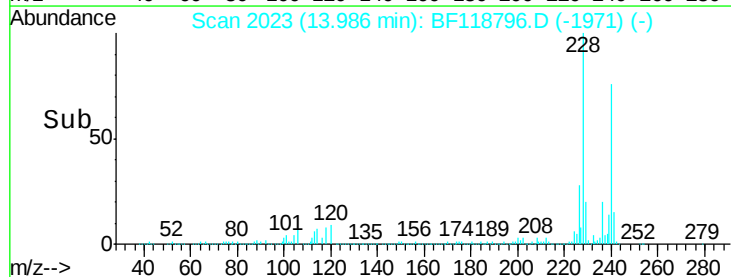
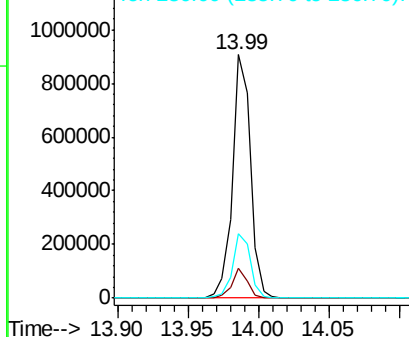


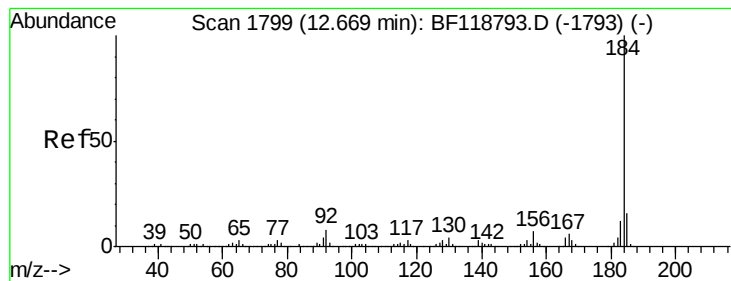
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF118796.D
 Acq: 3 Feb 2020 13:39

Tgt Ion:240 Resp: 805931
 Ion Ratio Lower Upper
 240 100
 120 12.2 9.4 14.0
 236 26.2 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 72.529 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

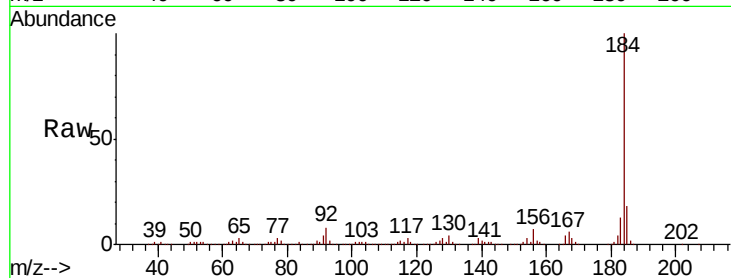
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1561836

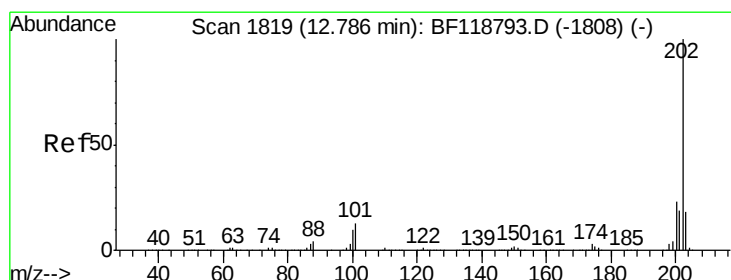
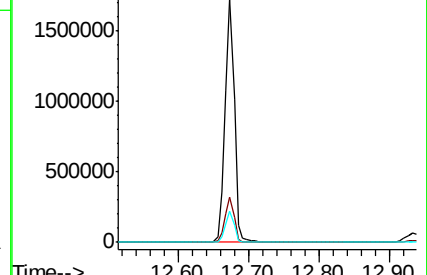
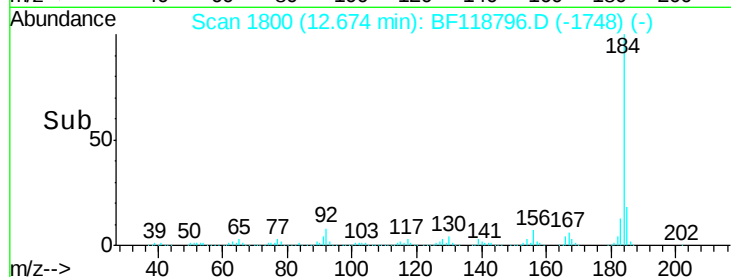
Ion	Ratio	Lower	Upper
184	100		
185	18.3	12.5	18.7
183	12.6	9.7	14.5



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: 75.243 ng

RT: 12.79 min Scan# 1820

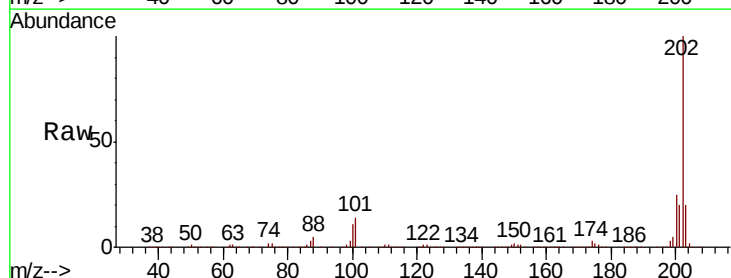
Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

Tgt Ion:202 Resp: 4116949

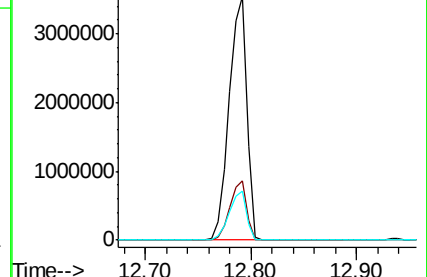
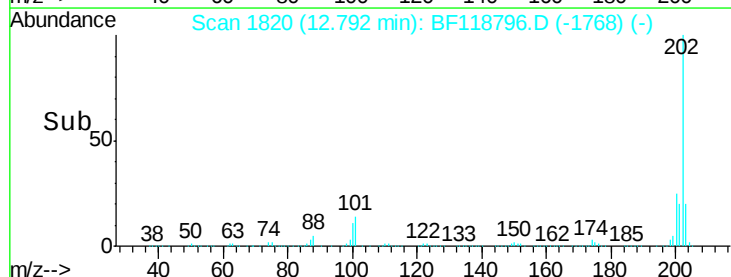
Ion	Ratio	Lower	Upper
202	100		
200	24.6	18.2	27.2
203	20.2	14.8	22.2

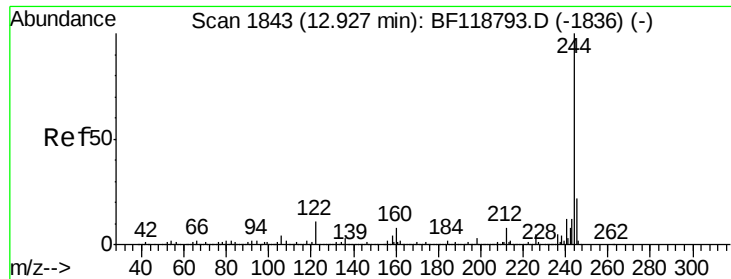


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

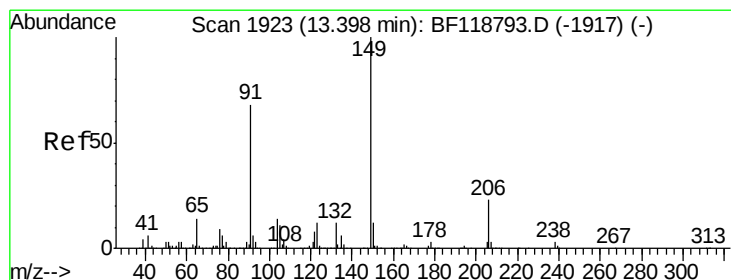
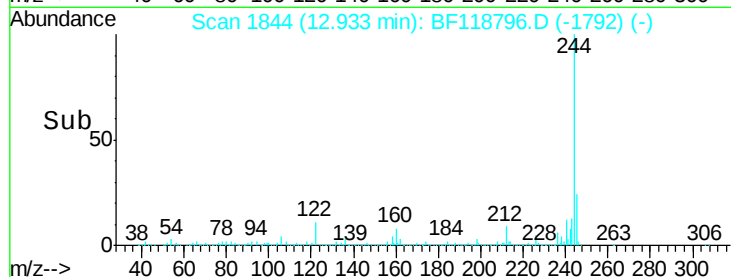
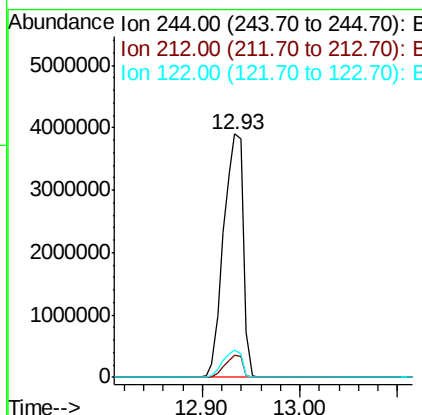
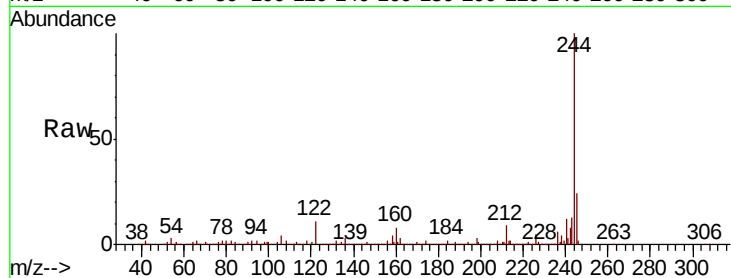




#79
 Terphenyl-d14
 Concen: 146.660 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: BF118796.D
 Acq: 3 Feb 2020 13:39

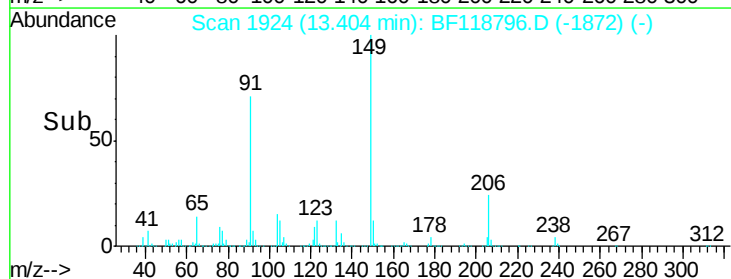
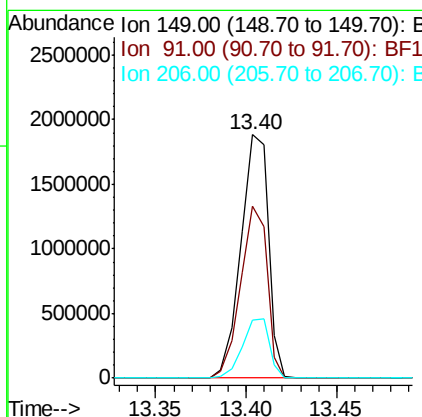
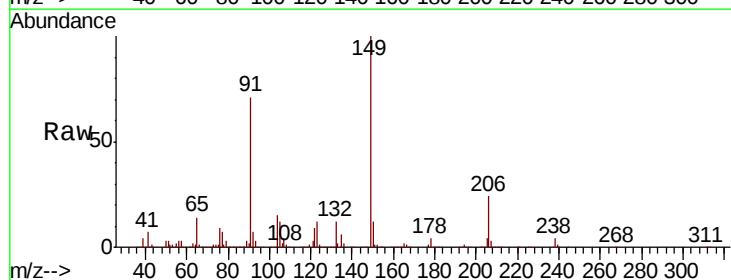
Instrument :
 BNA_F
 ClientSampled :

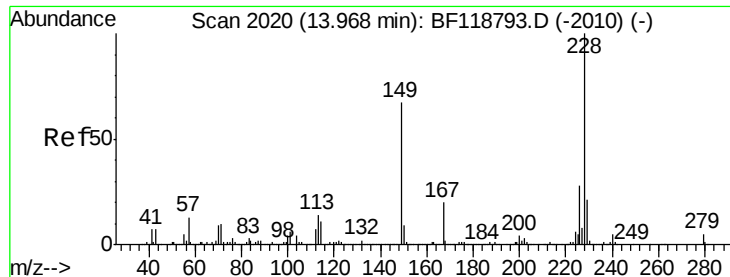
Tot Ion:244 Resp: 5419197
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.5 9.7
 122 11.1 8.9 13.3



#80
 Butylbenzylphthalate
 Concen: 88.715 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. 0.01 min
 Lab File: BF118796.D
 Acq: 3 Feb 2020 13:39

Tgt Ion:149 Resp: 1986599
 Ion Ratio Lower Upper
 149 100
 91 70.7 54.7 82.1
 206 23.7 18.5 27.7

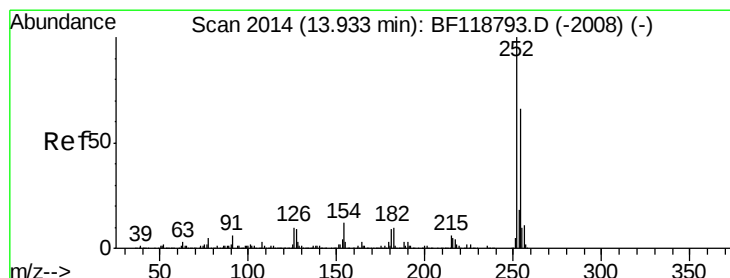
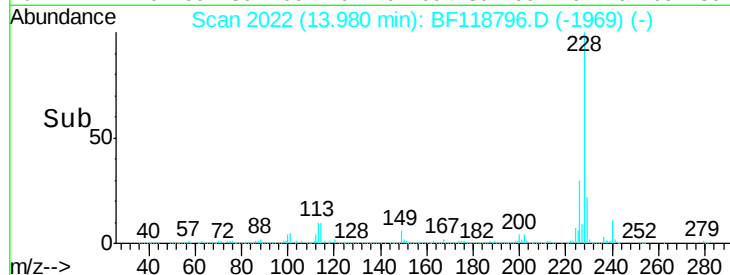
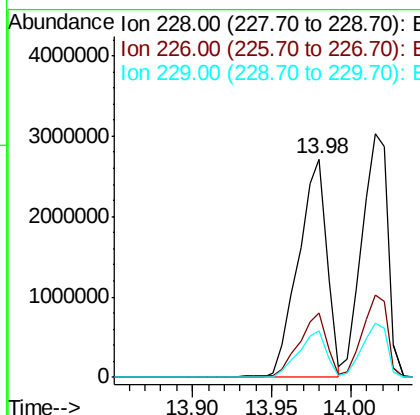
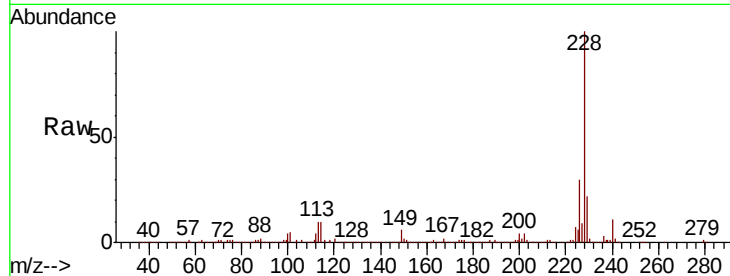




#81
Benzo(a)anthracene
Concen: 69.809 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

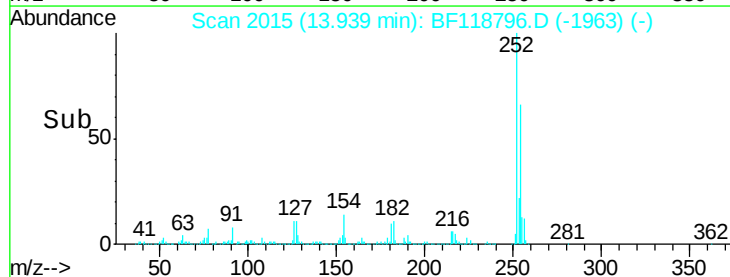
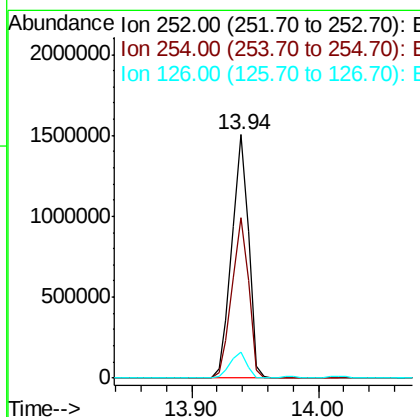
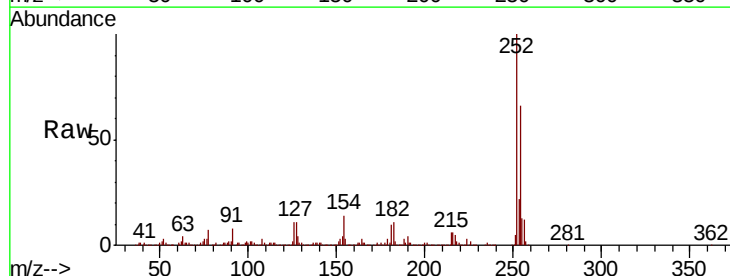
Instrument :
BNA_F
ClientSampleId :

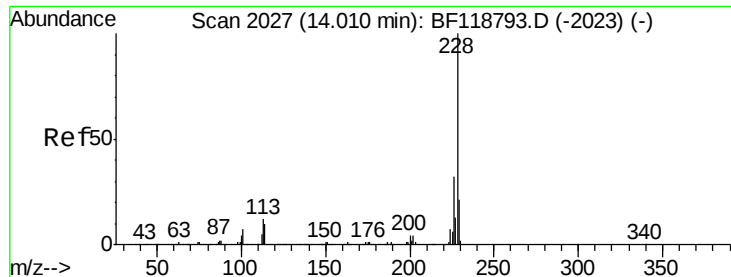
Tot Ion:228 Resp: 3384423
Ion Ratio Lower Upper
228 100
226 29.7 22.7 34.1
229 21.5 16.6 25.0



#82
3,3'-Dichlorobenzidine
Concen: 79.145 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Tgt Ion:252 Resp: 1367265
Ion Ratio Lower Upper
252 100
254 66.0 52.4 78.6
126 10.9 7.8 11.8

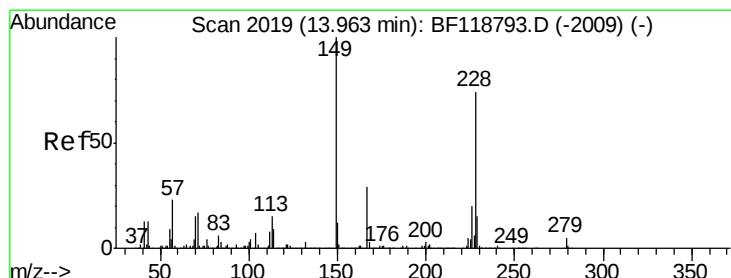
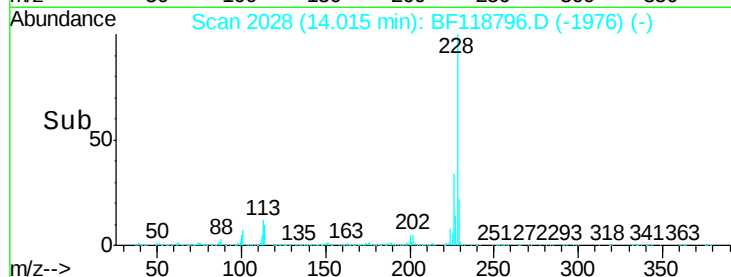
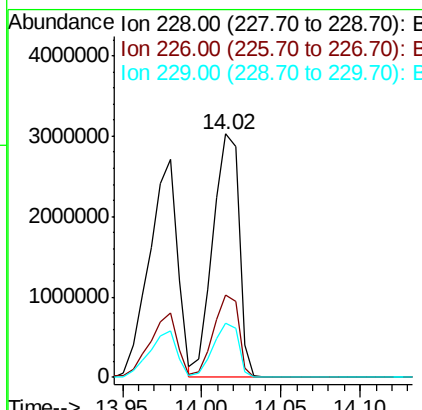
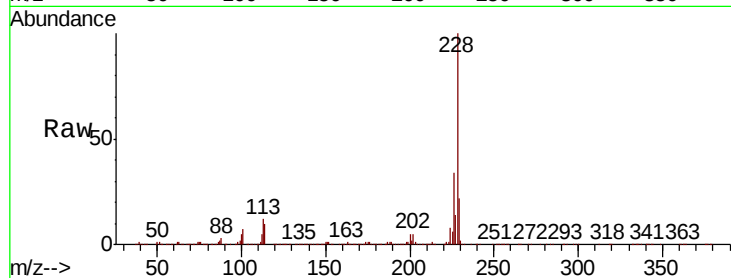




#83
 Chrvsene
 Concen: 75.288 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF118796.D
 Acq: 3 Feb 2020 13:39

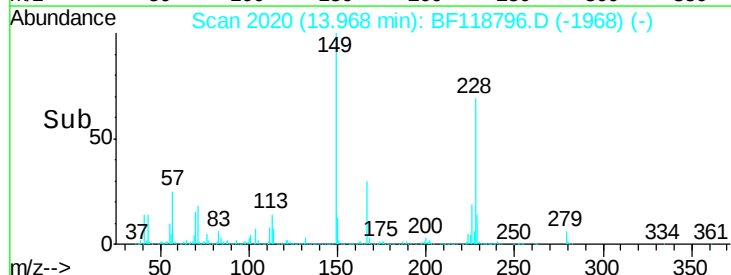
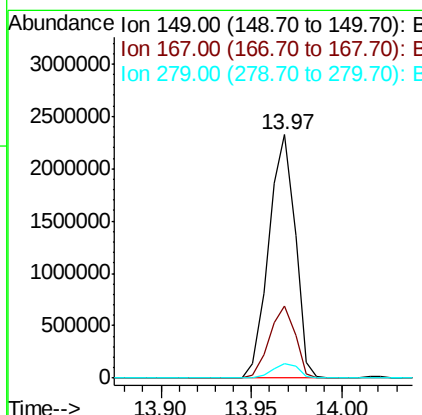
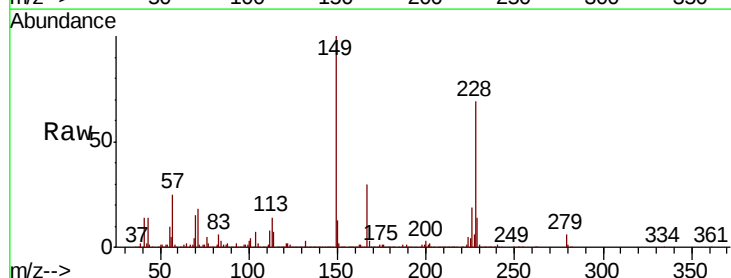
Instrument :
 BNA_F
 ClientSampleId :

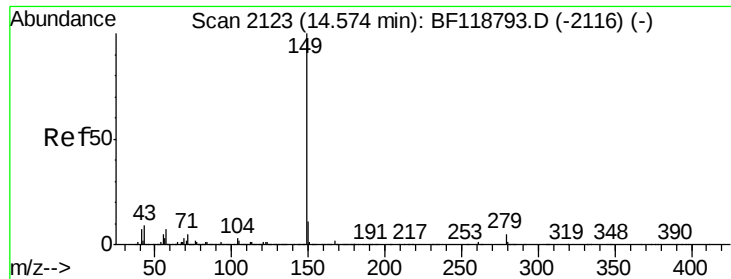
Tot Ion:228 Resp: 3498189
 Ion Ratio Lower Upper
 228 100
 226 34.0 25.4 38.0
 229 22.0 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 86.190 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF118796.D
 Acq: 3 Feb 2020 13:39

Tgt Ion:149 Resp: 2357993
 Ion Ratio Lower Upper
 149 100
 167 29.7 23.0 34.6
 279 6.2 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 98.755 ng

RT: 14.58 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

Instrument :

BNA_F

ClientSampled :

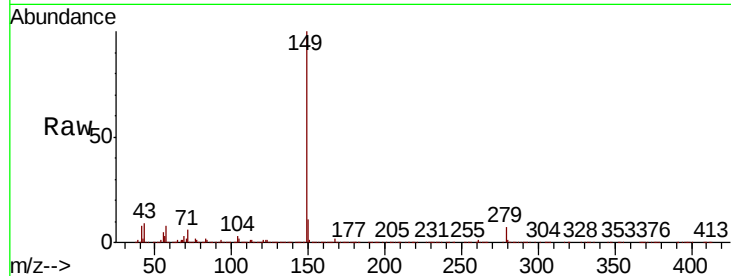
Tot Ion:149 Resp: 3999091

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

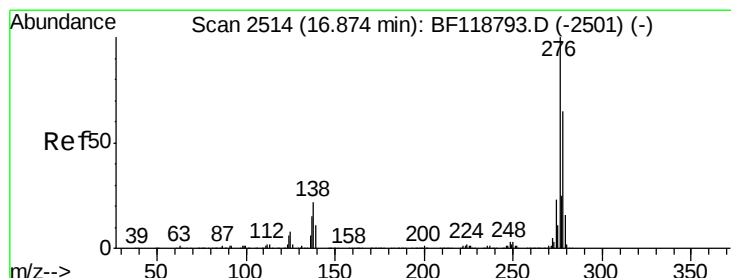
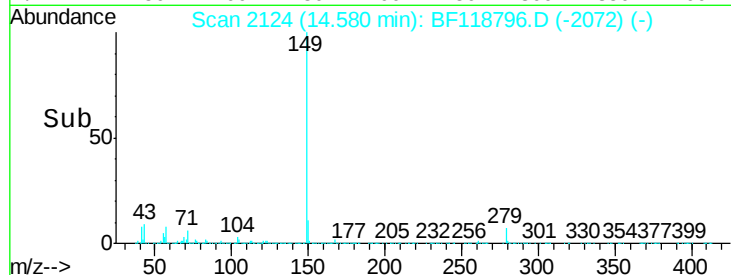
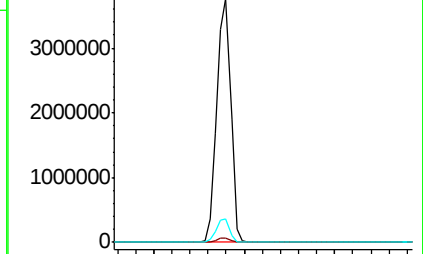
43 9.3 6.6 10.0



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: 85.534 ng

RT: 16.89 min Scan# 2516

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

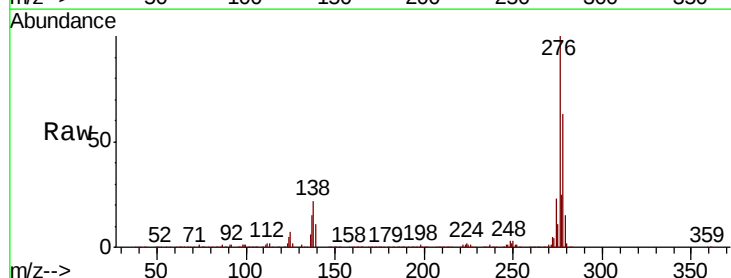
Tgt Ion:276 Resp: 3453251

Ion Ratio Lower Upper

276 100

138 22.7 18.3 27.5

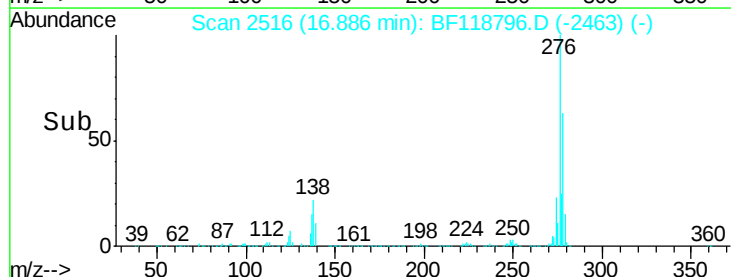
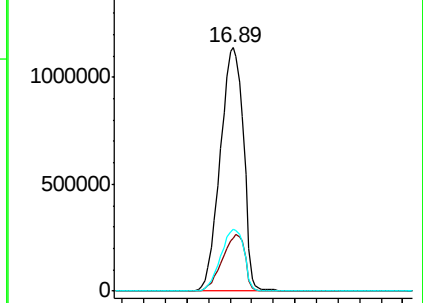
277 25.7 20.2 30.4

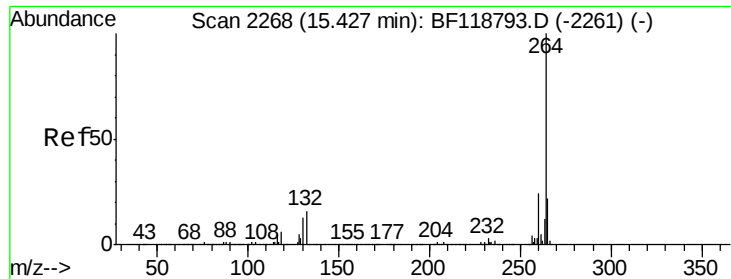


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF118796.D

Acq: 3 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

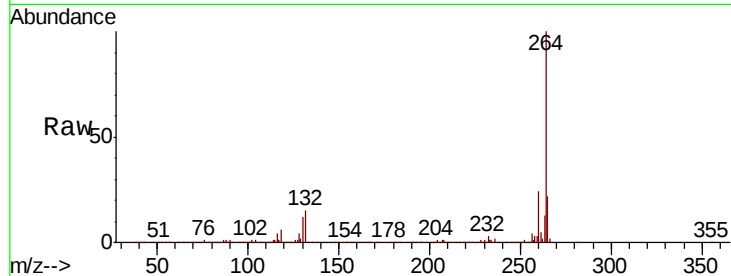
Tot Ion:264 Resp: 791104

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

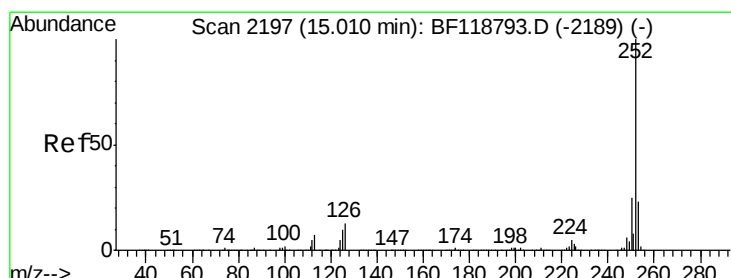
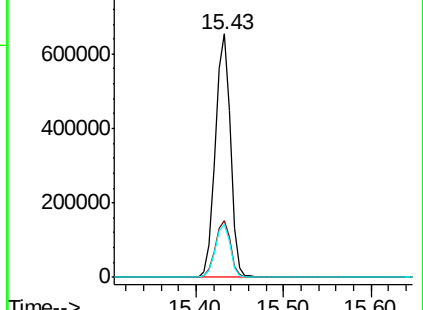
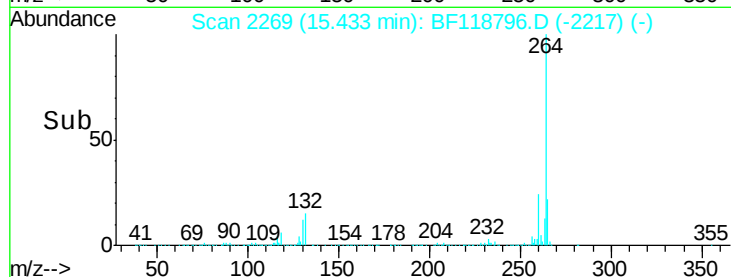
265 21.8 17.2 25.8



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: 75.034 ng

RT: 15.02 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

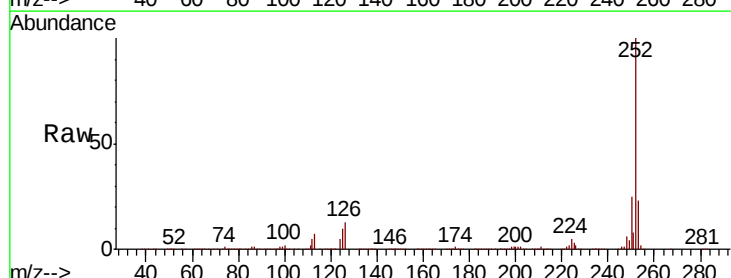
Tgt Ion:252 Resp: 3731164

Ion Ratio Lower Upper

252 100

253 23.3 18.4 27.6

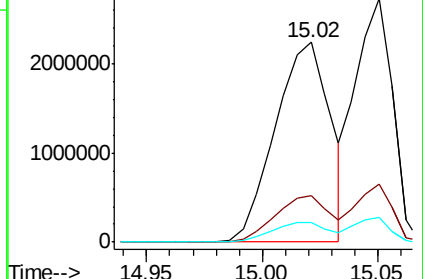
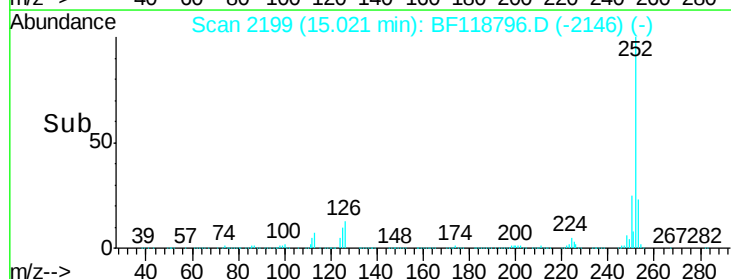
125 9.8 8.1 12.1

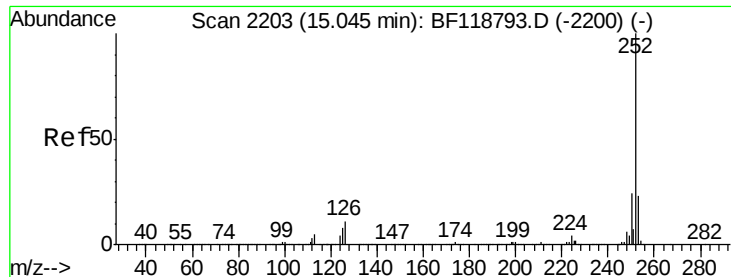


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

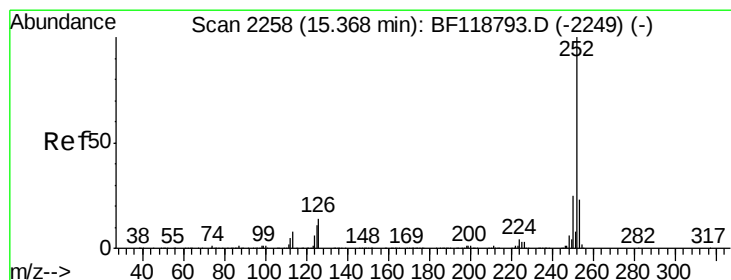
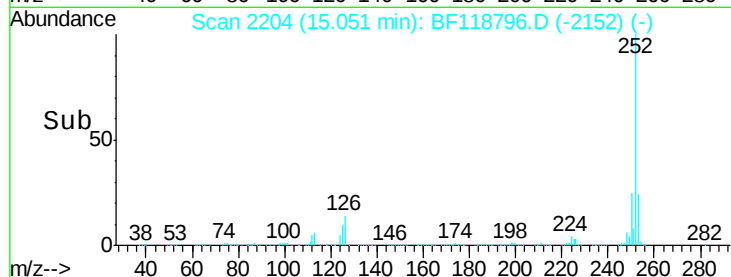
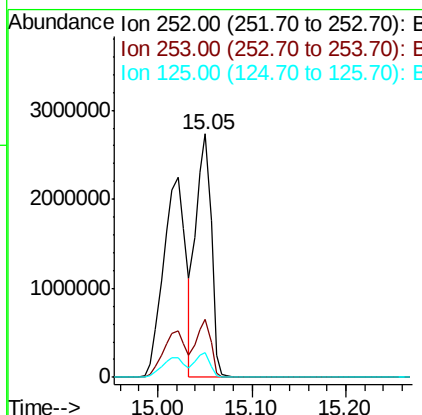
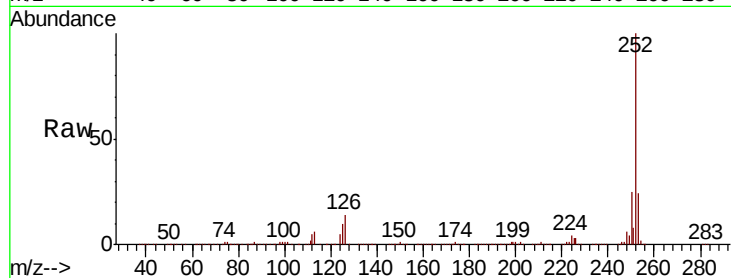




#89
Benzo(k)fluoranthene
Concen: 66.761 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

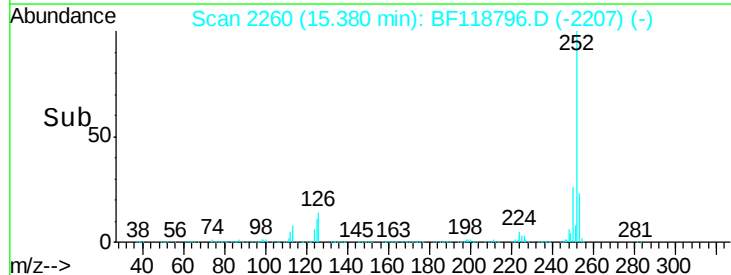
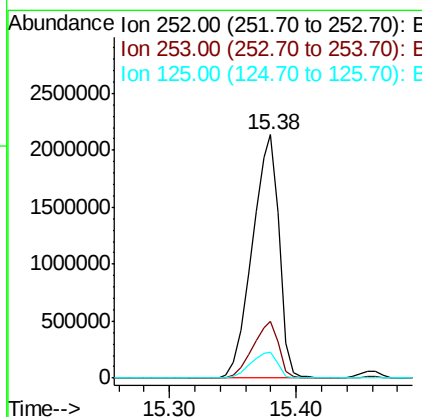
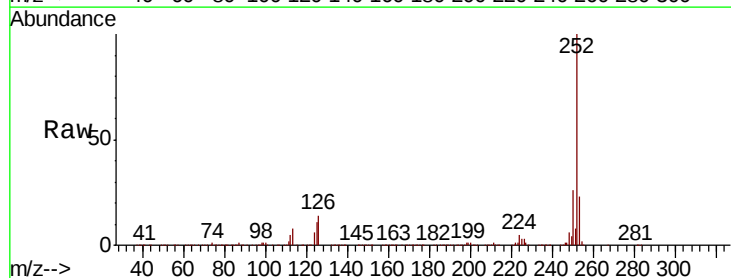
Instrument :
BNA_F
ClientSampleId :

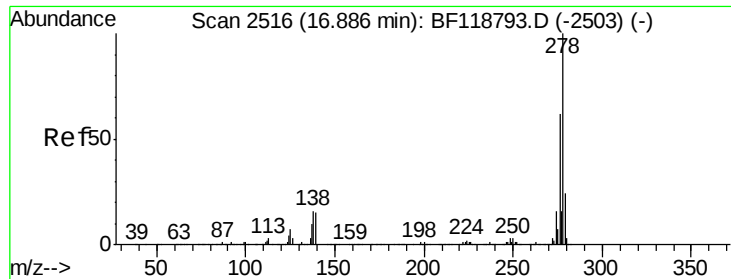
Tot Ion:252 Resp: 3075641
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.4
125 10.1 7.0 10.6



#90
Benzo(a)pyrene
Concen: 73.255 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF118796.D
Acq: 3 Feb 2020 13:39

Tgt Ion:252 Resp: 3142341
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 10.9 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 72.983 ng

RT: 16.90 min Scan# 2519

Delta R.T. 0.02 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

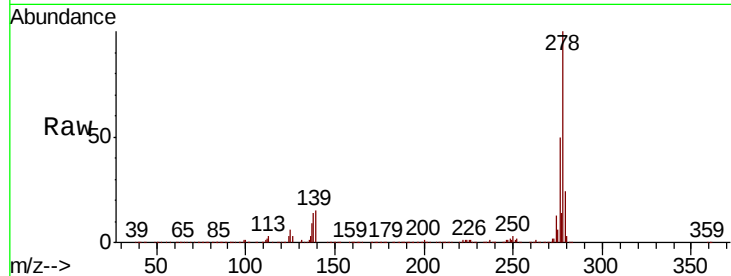
Tot Ion:278 Resp: 2769256

Ion Ratio Lower Upper

278 100

139 15.3 12.3 18.5

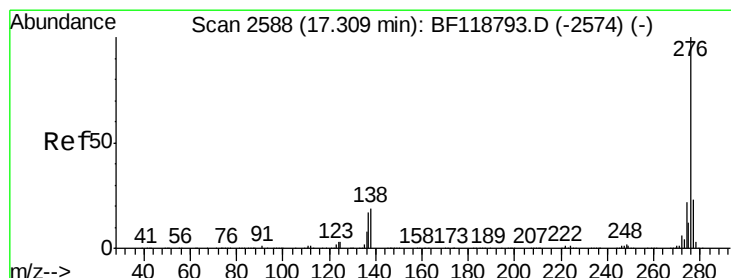
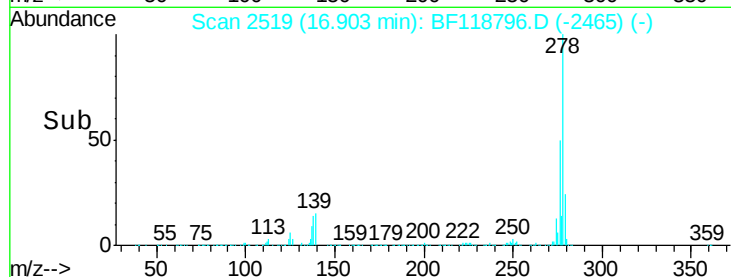
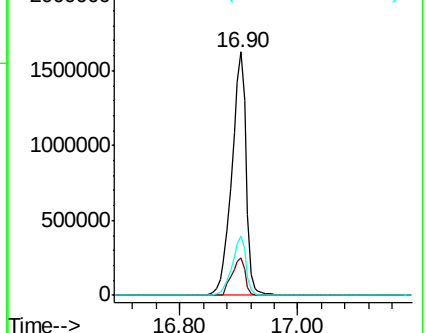
279 24.3 19.1 28.7



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: 73.199 ng

RT: 17.32 min Scan# 2590

Delta R.T. 0.01 min

Lab File: BF118796.D

Acq: 3 Feb 2020 13:39

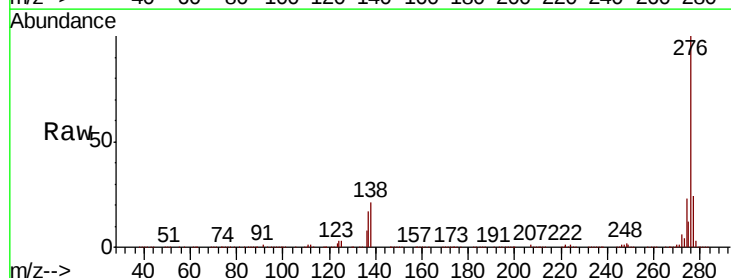
Tgt Ion:276 Resp: 2696742

Ion Ratio Lower Upper

276 100

277 24.3 18.7 28.1

138 20.5 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

