

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118808.D
 Acq On : 4 Feb 2020 18:26
 Operator : CG/JU
 Sample : L1360-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 05 06:32:34 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 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	277241	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1058655	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	615967	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1179074	20.00	ng	0.00
76) Chrysene-d12	13.97	240	811845	20.00	ng	-0.01
87) Perylene-d12	15.41	264	799891	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1683159	114.92	ng	0.00
7) Phenol-d6	6.45	99	2099699	115.49	ng	0.00
23) Nitrobenzene-d5	7.37	82	1371505	77.22	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	835130	113.31	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2819027	81.82	ng	0.00
79) Terphenyl-d14	12.92	244	3544408	89.68	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	303554	45.478	ng	99
3) Pyridine	3.36	79	780306	42.101	ng	99
4) n-Nitrosodimethylamine	3.30	42	343982	50.975	ng	97
6) Aniline	6.47	93	721002	30.791	ng	99
8) 2-Chlorophenol	6.60	128	890897	54.612	ng	99
9) Benzaldehyde	6.36	77	411785	38.883	ng	96
10) Phenol	6.46	94	1041983	51.543	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	802466	51.885	ng	100
12) 1,3-Dichlorobenzene	6.76	146	948330	48.838	ng	98
13) 1,4-Dichlorobenzene	6.83	146	962253	49.680	ng	98
14) 1,2-Dichlorobenzene	6.99	146	886925	47.936	ng	97
15) Benzyl Alcohol	6.96	79	738139	52.524	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	928438	49.019	ng	99
17) 2-Methylphenol	7.07	107	721198	53.175	ng	100
18) Hexachloroethane	7.33	117	340213	48.939	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	564079	50.708	ng	96
20) 3+4-Methylphenols	7.22	107	827134	48.654	ng	96
22) Acetophenone	7.22	105	1099316	47.795	ng	96
24) Nitrobenzene	7.39	77	884213	49.834	ng	98
25) Isophorone	7.64	82	1637532	51.300	ng	98
26) 2-Nitrophenol	7.71	139	496273	52.489	ng	99
27) 2,4-Dimethylphenol	7.75	122	764997	59.564	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	1012782	48.930	ng	99
29) 2,4-Dichlorophenol	7.96	162	784036	50.974	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	865897	48.164	ng	99
31) Naphthalene	8.12	128	2432385	50.237	ng	100
32) Benzoic acid	7.89	122	531093	49.945	ng	98
33) 4-Chloroaniline	8.16	127	329945	15.231	ng	96
34) Hexachlorobutadiene	8.24	225	522312	47.421	ng	100
35) Caprolactam	8.54	113	145302	29.141	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	807245	52.151	ng	99
37) 2-Methylnaphthalene	8.81	142	1720016	51.221	ng	97
38) 1-Methylnaphthalene	8.91	142	1641474	51.962	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	834614	44.895	ng	99

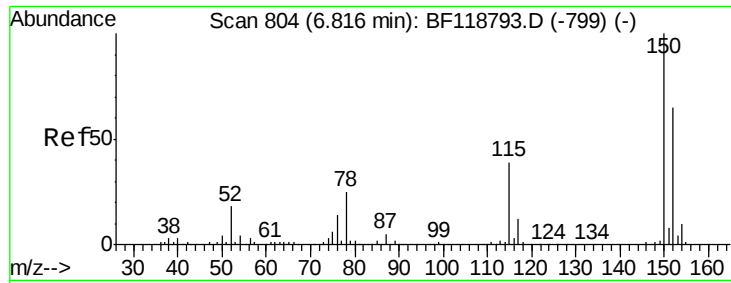
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
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 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	917109	125.811	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	610954	49.146	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	643573	50.666	ng	96
46) 1,1'-Biphenyl	9.27	154	2098800	49.257	ng	99
47) 2-Chloronaphthalene	9.30	162	1682248	47.491	ng	99
48) 2-Nitroaniline	9.39	65	486828	47.651	ng	100
49) Acenaphthylene	9.72	152	2605201	50.937	ng	99
50) Dimethylphthalate	9.58	163	2171808	51.782	ng	99
51) 2,6-Dinitrotoluene	9.63	165	495402	51.622	ng	98
52) Acenaphthene	9.89	154	1633803	48.477	ng	100
53) 3-Nitroaniline	9.80	138	219603	20.634	ng	98
54) 2,4-Dinitrophenol	9.91	184	461272	99.984	ng	96
55) Dibenzofuran	10.06	168	2354577	48.343	ng	99
56) 4-Nitrophenol	9.97	139	804364	104.425	ng	98
57) 2,4-Dinitrotoluene	10.04	165	658129	51.821	ng	# 88
58) Fluorene	10.40	166	1767250	48.230	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	565270	50.957	ng	99
60) Diethylphthalate	10.27	149	2000314	49.047	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	936414	47.123	ng	100
62) 4-Nitroaniline	10.42	138	463108	43.451	ng	100
63) Azobenzene	10.55	77	1761651	50.596	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	364071	54.951	ng	88
66) n-Nitrosodiphenylamine	10.51	169	1706873	49.977	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	675731	48.447	ng	98
68) Hexachlorobenzene	10.95	284	752511	47.037	ng	98
69) Atrazine	11.04	200	622302	54.692	ng	99
70) Pentachlorophenol	11.15	266	781812	92.551	ng	99
71) Phenanthrene	11.36	178	2693070	46.422	ng	100
72) Anthracene	11.41	178	2781595	48.198	ng	100
73) Carbazole	11.56	167	2447630	48.326	ng	99
74) Di-n-butylphthalate	11.90	149	3006755	46.602	ng	100
75) Fluoranthene	12.55	202	2937119	46.371	ng	98
77) Benzidine	12.66	184	1257499	51.212	ng	98
78) Pyrene	12.77	202	2881153	51.731	ng	98
80) Butylbenzylphthalate	13.39	149	1320037	51.928	ng	96
81) Benzo(a)anthracene	13.96	228	2349898	48.642	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	532377	26.944	ng	99
83) Chrysene	14.00	228	2413184	49.771	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1656872	51.373	ng	99
85) Di-n-octyl phthalate	14.56	149	2745220	49.686	ng	100
86) Indeno(1,2,3-cd)pyrene	16.84	276	2504861	51.418	ng	99
88) Benzo(b)fluoranthene	15.00	252	2427894	48.915	ng	99
89) Benzo(k)fluoranthene	15.03	252	2161391	50.007	ng	100
90) Benzo(a)pyrene	15.35	252	2070757	48.749	ng	100
91) Dibenzo(a,h)anthracene	16.86	278	2061386	54.666	ng	100
92) Benzo(g,h,i)perylene	17.28	276	2113000	58.265	ng	98

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

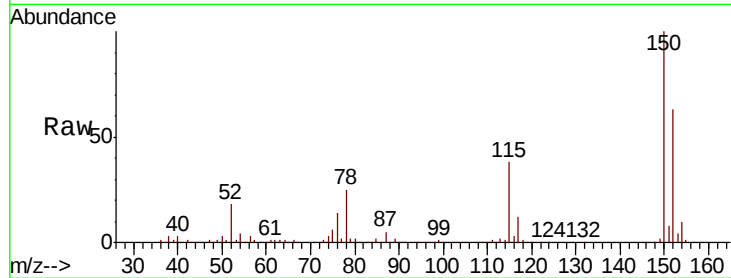


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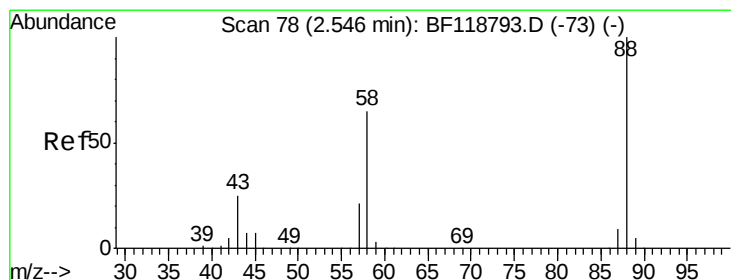
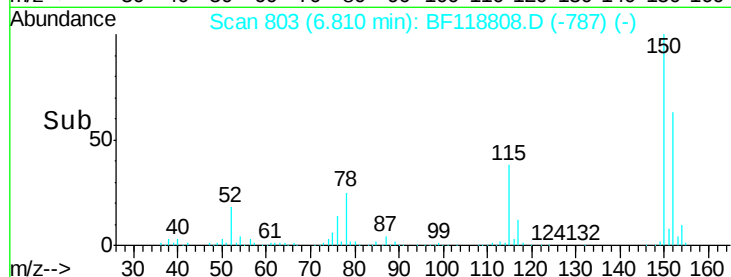
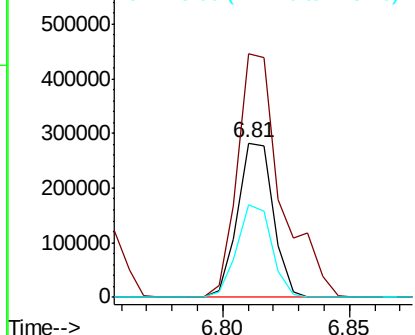
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 277241
Ion Ratio Lower Upper
152 100
150 157.9 123.6 185.4
115 60.3 48.2 72.2



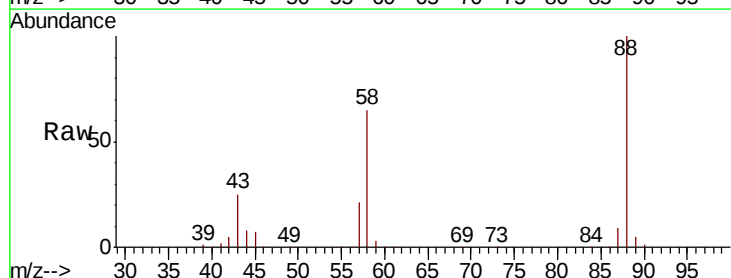
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



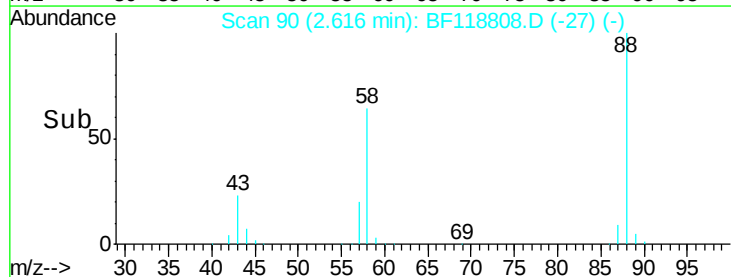
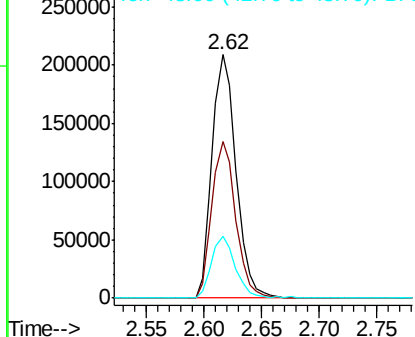
#2

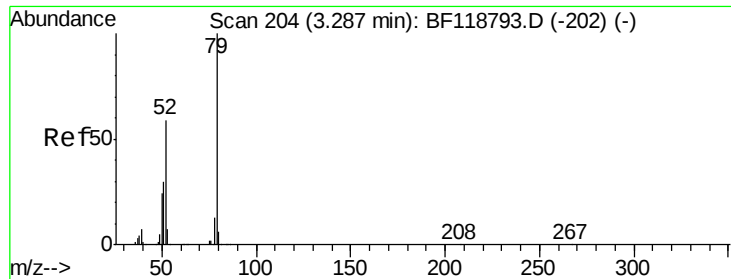
1,4-Dioxane
Concen: 45.478 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.07 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

Tgt Ion: 88 Resp: 303554
Ion Ratio Lower Upper
88 100
58 64.0 51.6 77.4
43 24.6 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: 42.101 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.07 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Instrument :

BNA_G

ClientSampleId :

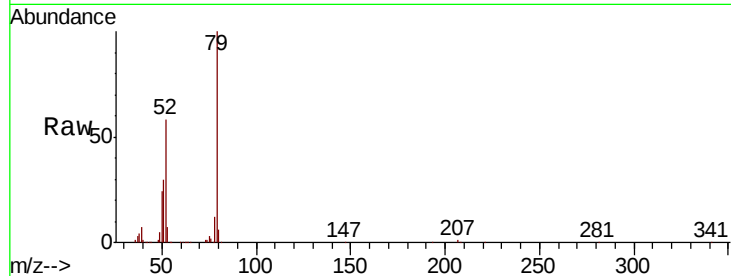
Tot Ion: 79 Resp: 780306

Ion Ratio Lower Upper

79 100

52 58.4 47.4 71.0

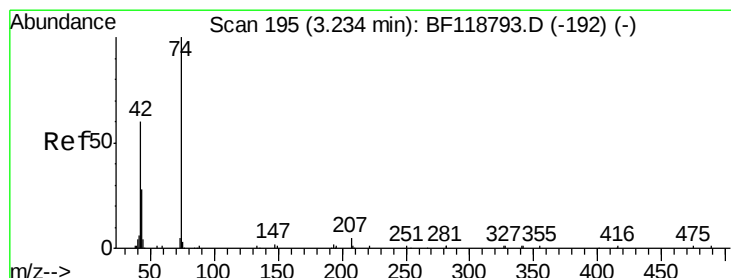
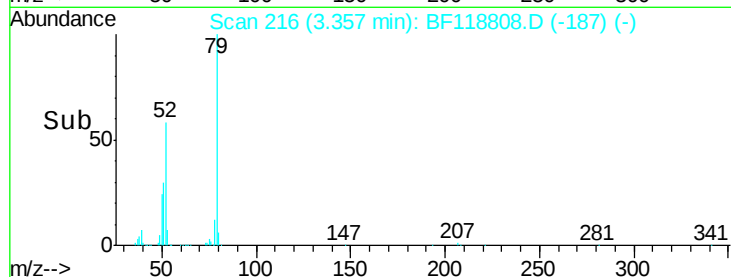
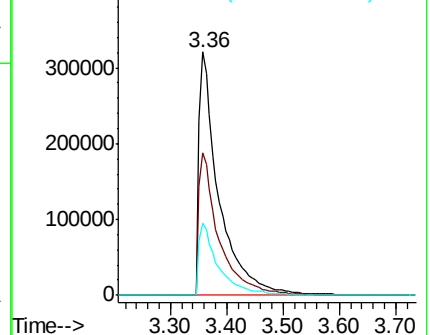
51 29.6 24.2 36.4



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: 50.975 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.06 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

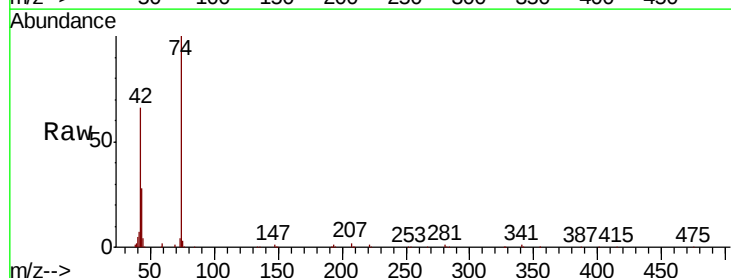
Tgt Ion: 42 Resp: 343982

Ion Ratio Lower Upper

42 100

74 151.4 124.3 186.5

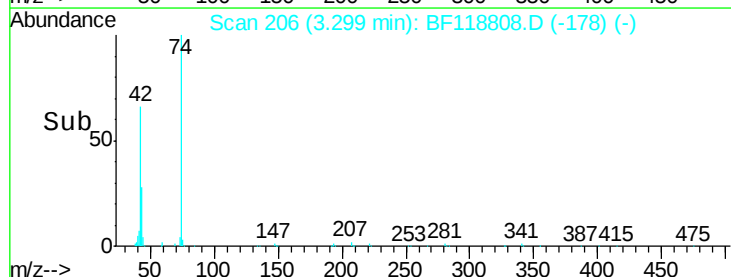
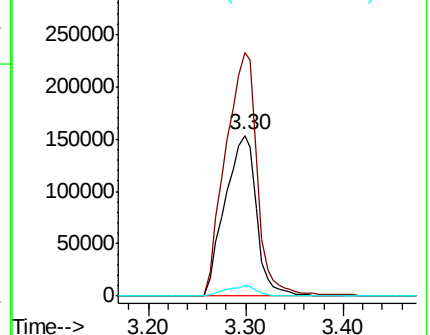
44 6.4 5.3 7.9

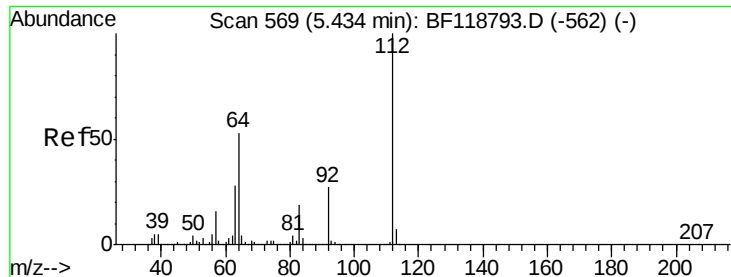


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 114.922 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Instrument :

BNA_G

ClientSampleId :

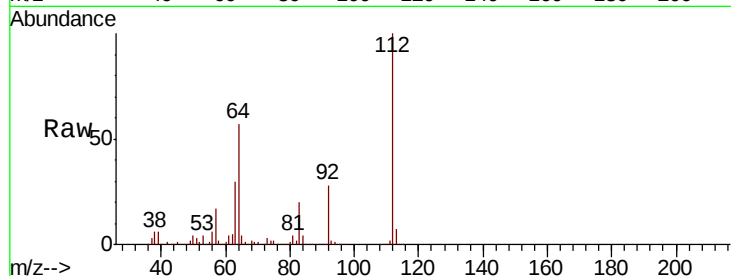
Tot Ion:112 Resp: 1683159

Ion Ratio Lower Upper

112 100

64 57.1 42.6 63.8

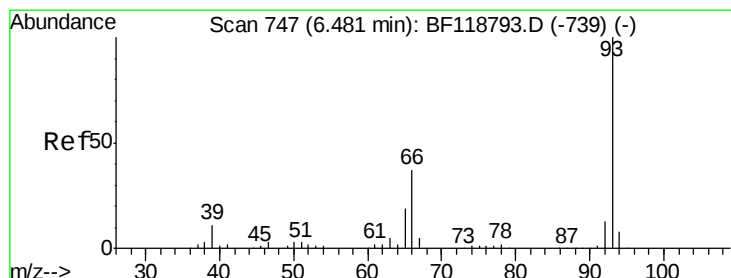
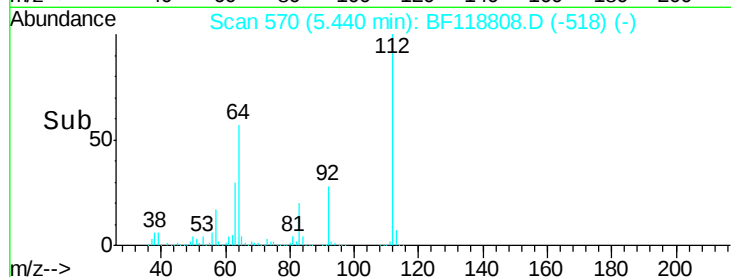
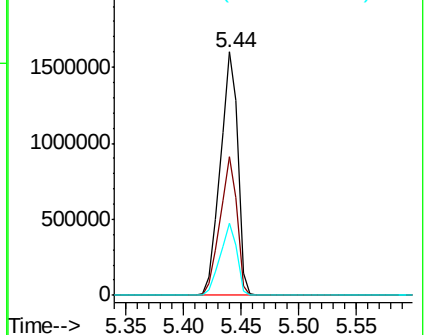
63 29.7 22.2 33.4



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: 30.791 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

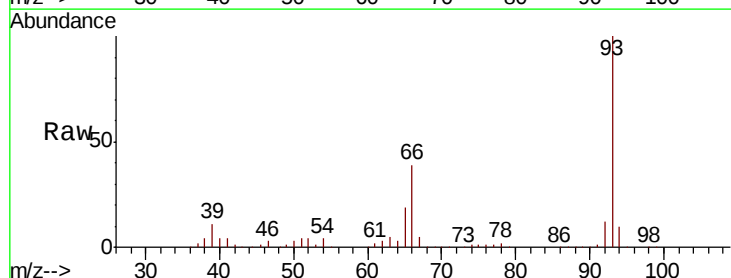
Tgt Ion: 93 Resp: 721002

Ion Ratio Lower Upper

93 100

66 39.3 30.8 46.2

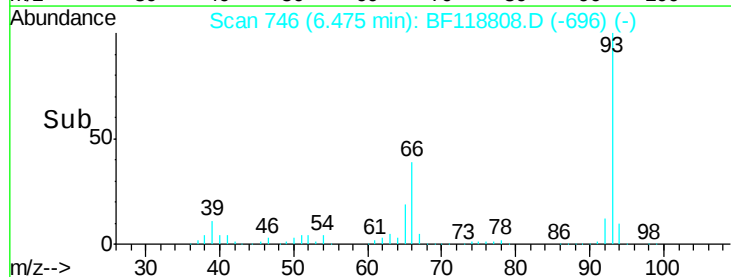
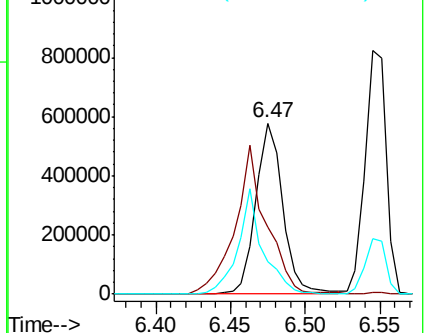
65 19.1 15.4 23.0

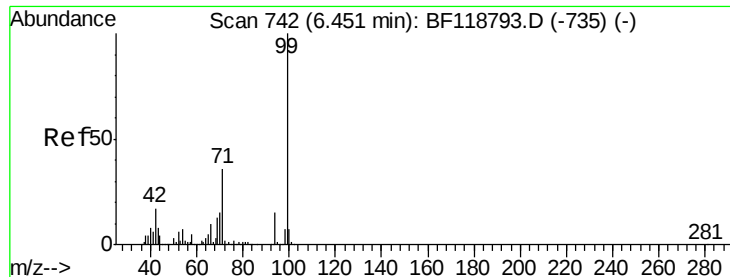


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.488 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

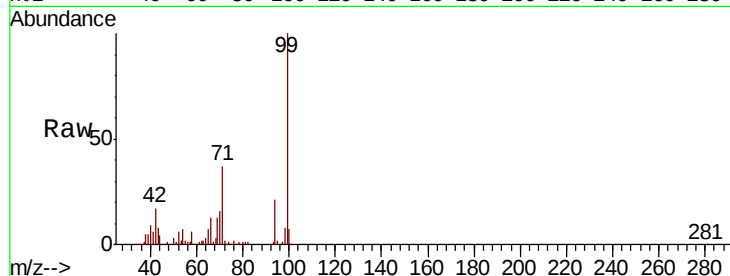
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 2099699

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.4	20.0
71	37.0	29.0	43.6

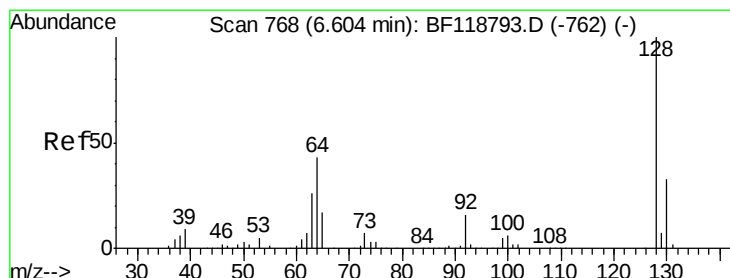
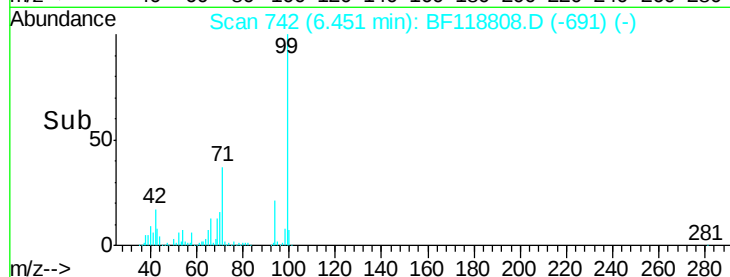
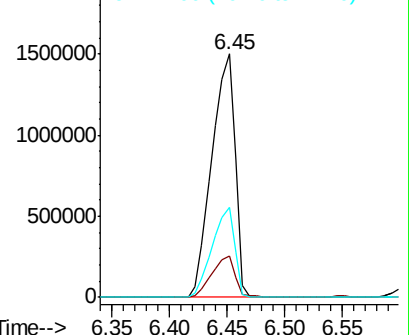


Abundance

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: 54.612 ng

RT: 6.60 min Scan# 767

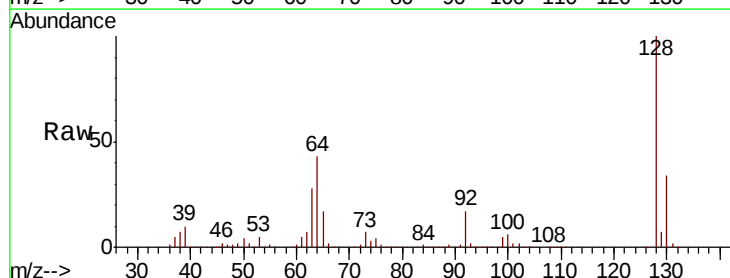
Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Tgt Ion: 128 Resp: 890897

Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.1	53.1
64	43.5	23.0	63.0

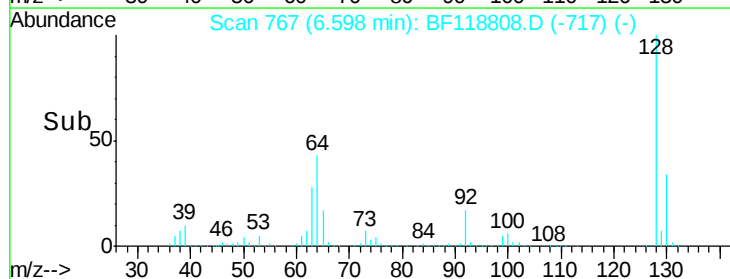
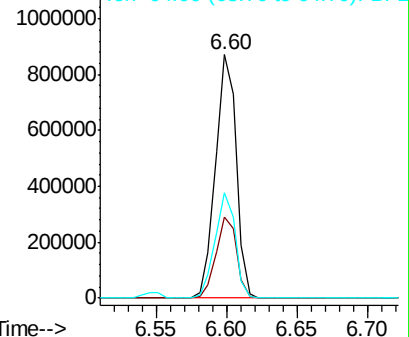


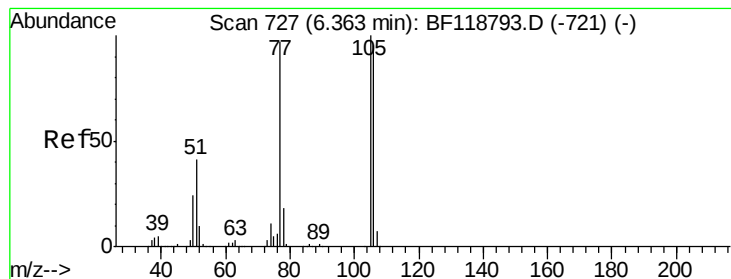
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.883 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Instrument :

BNA_G

ClientSampleId :

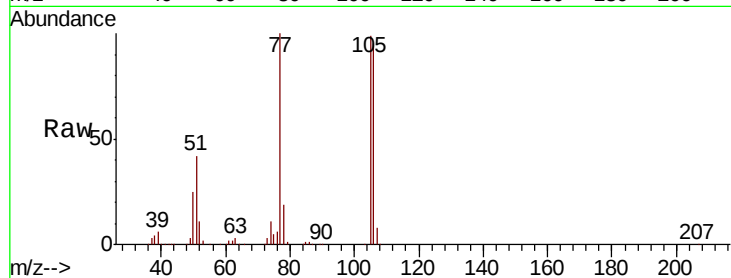
Tot Ion: 77 Resp: 411785

Ion Ratio Lower Upper

77 100

105 98.5 82.8 122.8

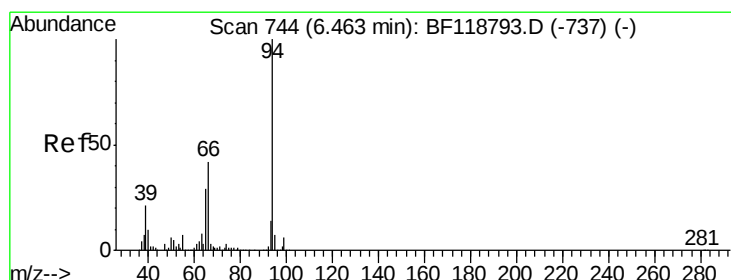
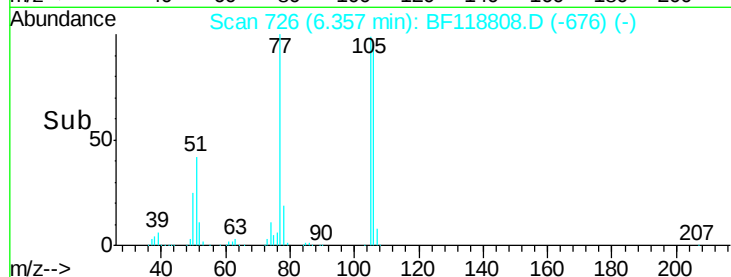
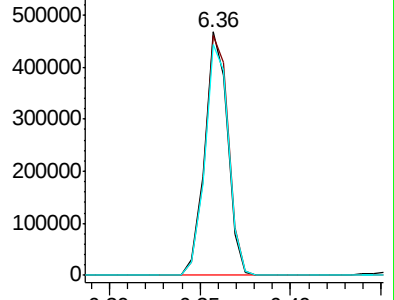
106 94.9 78.1 118.1



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: 51.543 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

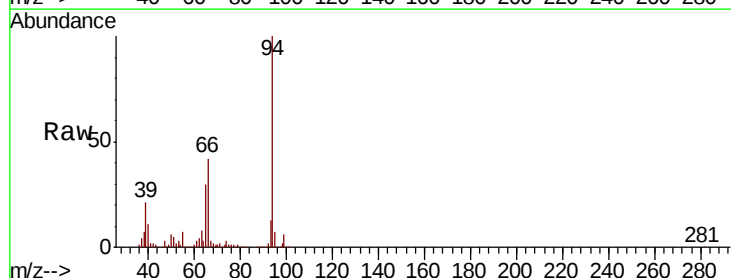
Tgt Ion: 94 Resp: 1041983

Ion Ratio Lower Upper

94 100

65 29.9 9.1 49.1

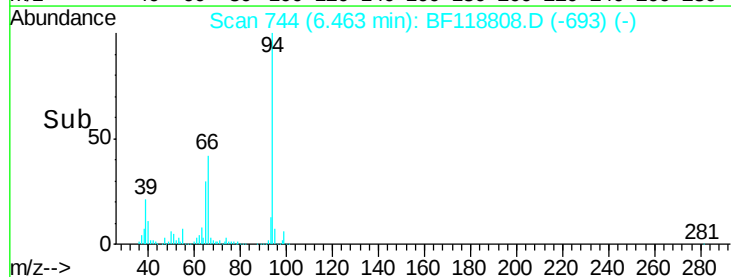
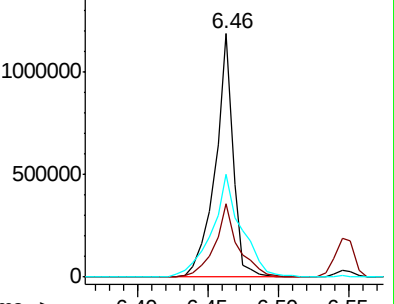
66 42.5 21.7 61.7

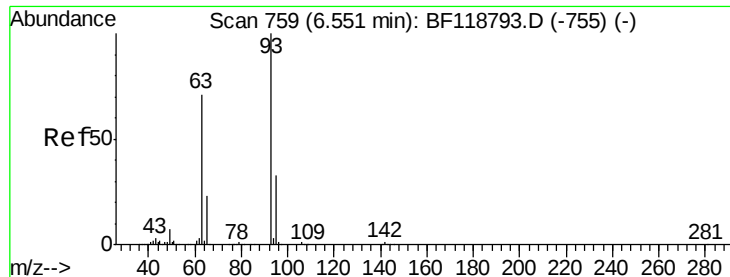


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 51.885 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Instrument :

BNA_G

ClientSampleId :

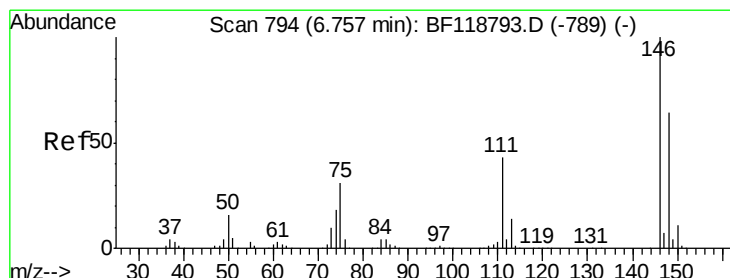
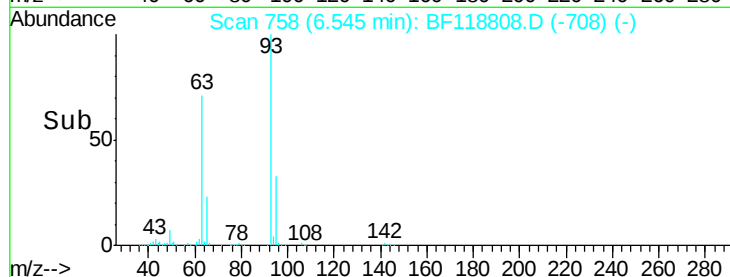
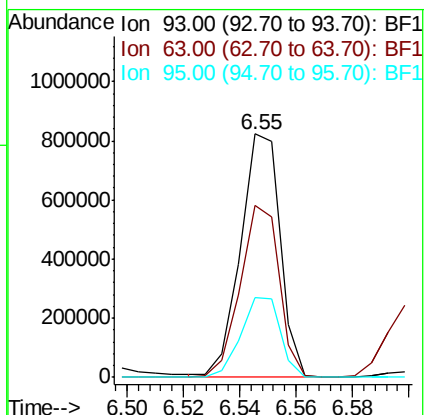
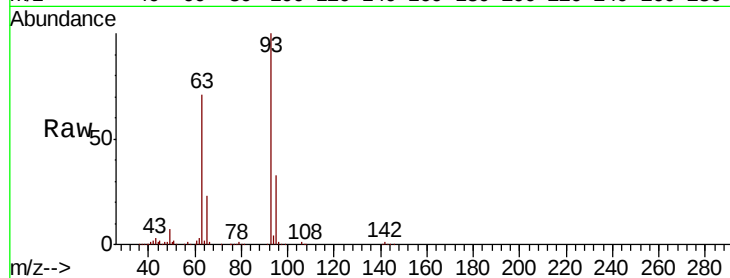
Tot Ion: 93 Resp: 802466

Ion Ratio Lower Upper

93 100

63 70.6 50.7 90.7

95 32.6 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 48.838 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

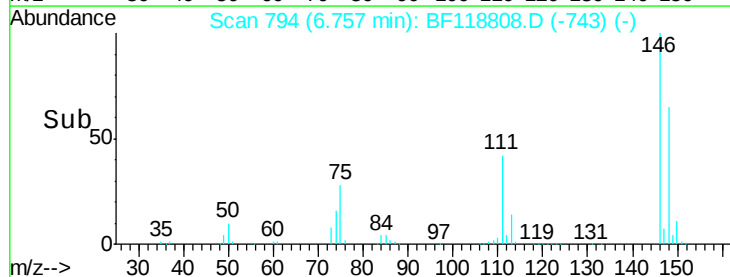
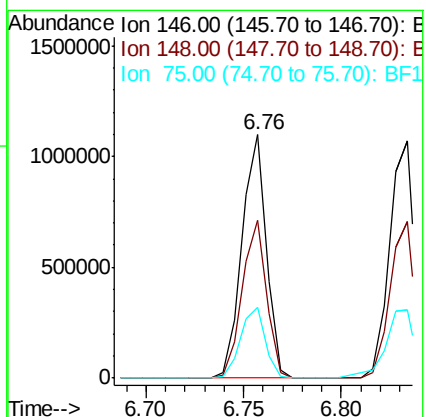
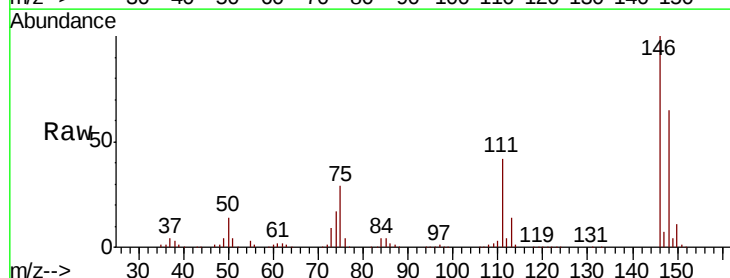
Tgt Ion: 146 Resp: 948330

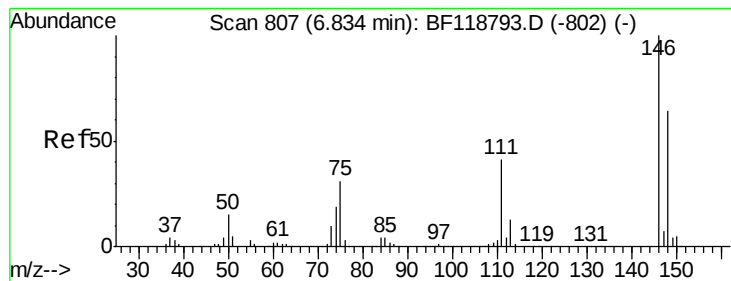
Ion Ratio Lower Upper

146 100

148 64.7 51.1 76.7

75 28.9 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 49.680 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Instrument :

BNA_G

ClientSampled :

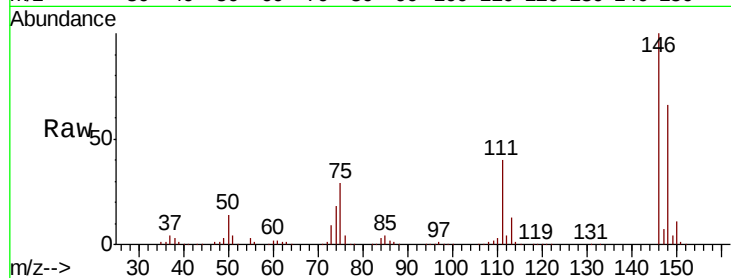
Tot Ion:146 Resp: 962253

Ion Ratio Lower Upper

146 100

148 65.8 51.6 77.4

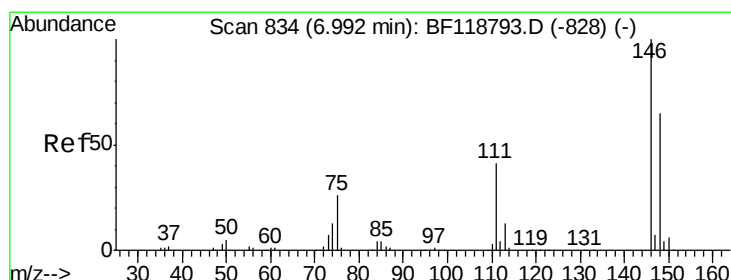
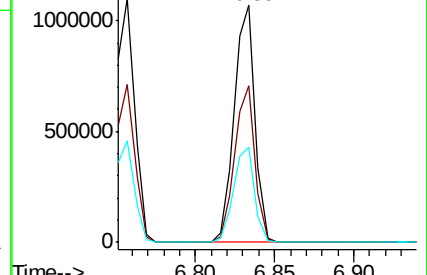
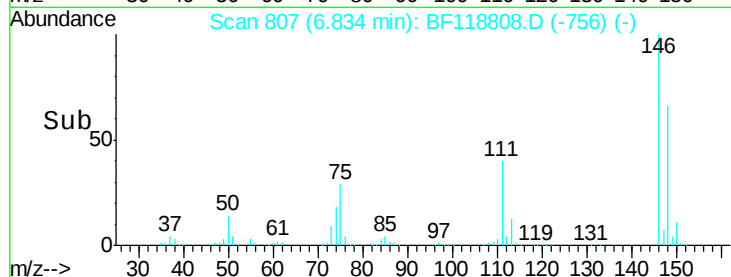
111 40.3 32.9 49.3



Abundance Ion 146.00 (145.70 to 146.70): E

1500000 Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.936 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

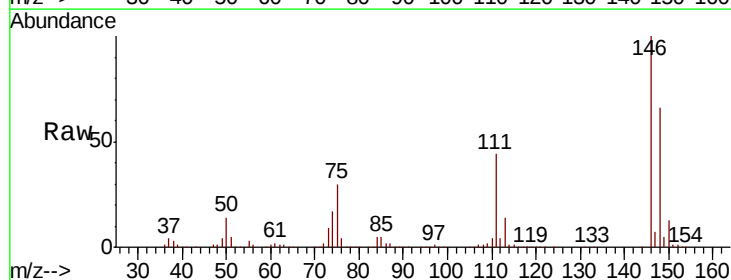
Tgt Ion:146 Resp: 886925

Ion Ratio Lower Upper

146 100

148 65.6 51.6 77.4

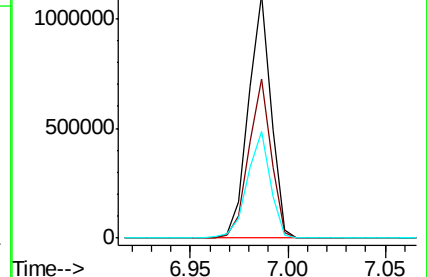
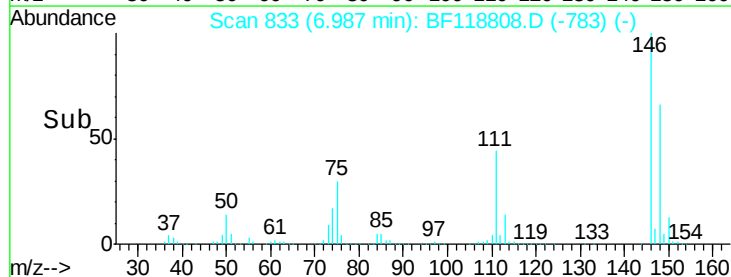
111 43.7 32.7 49.1

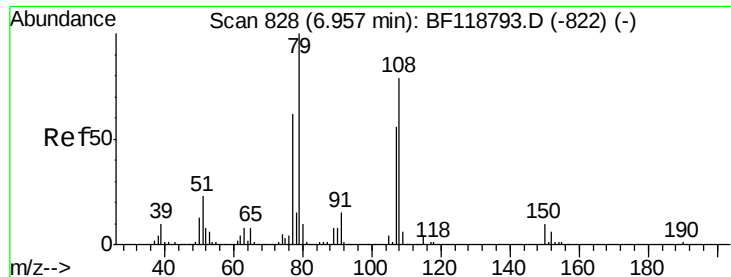


Abundance Ion 146.00 (145.70 to 146.70): E

1500000 Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 52.524 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Instrument :

BNA_G

ClientSampled :

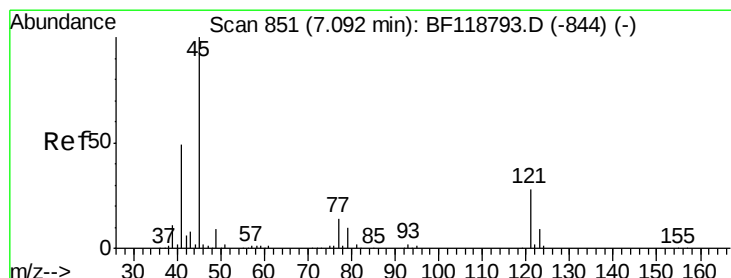
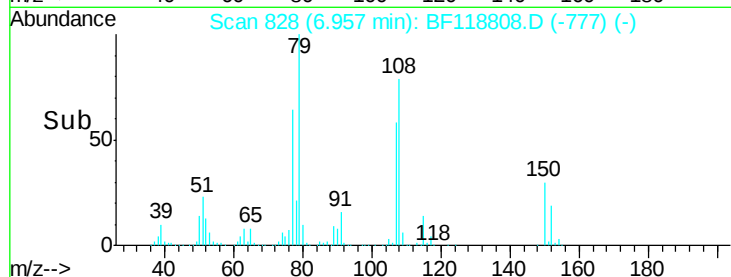
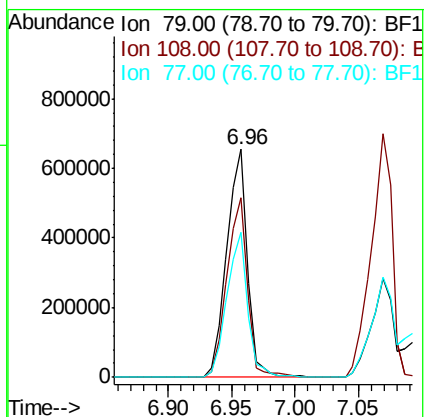
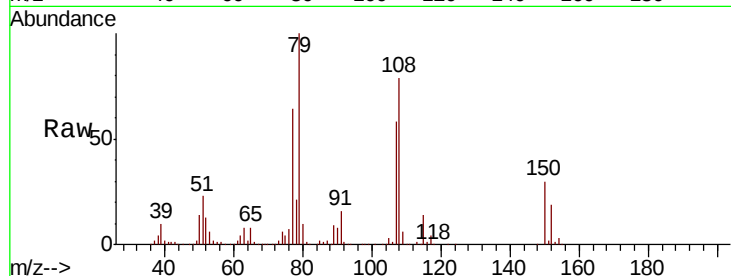
Tot Ion: 79 Resp: 738139

Ion Ratio Lower Upper

79 100

108 78.9 62.9 94.3

77 63.9 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.019 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

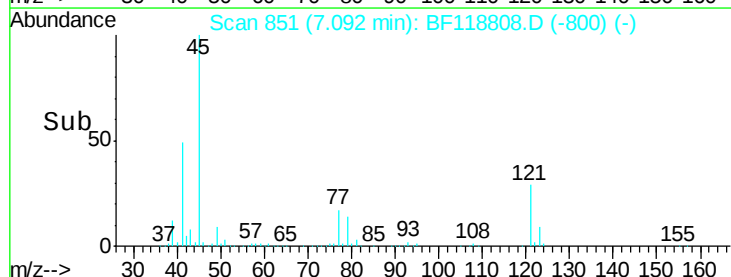
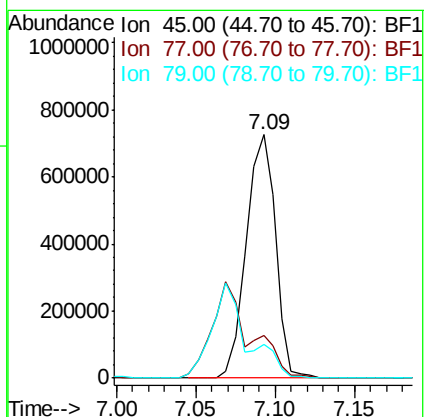
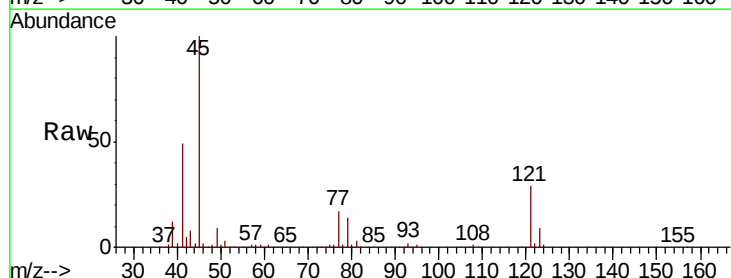
Tgt Ion: 45 Resp: 928438

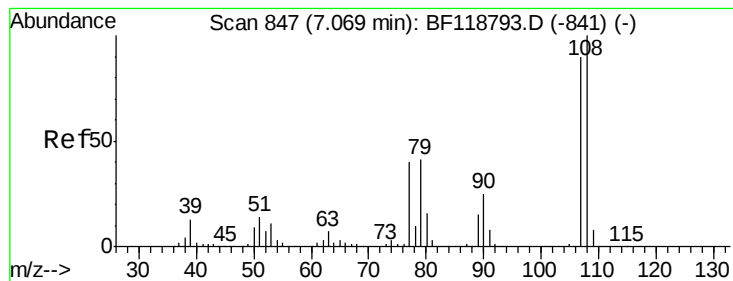
Ion Ratio Lower Upper

45 100

77 17.5 0.0 37.1

79 13.7 0.0 33.1

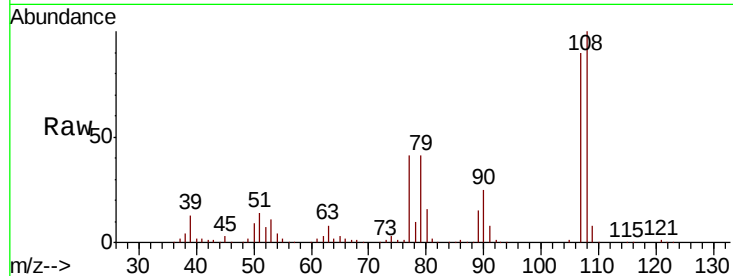




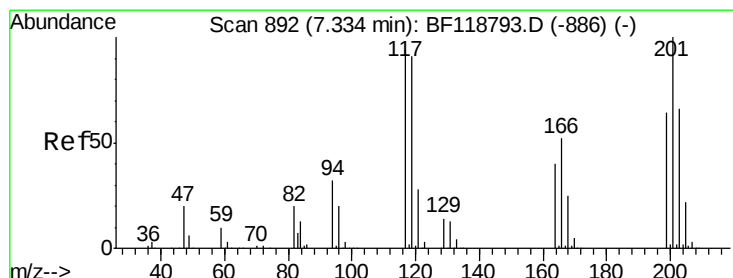
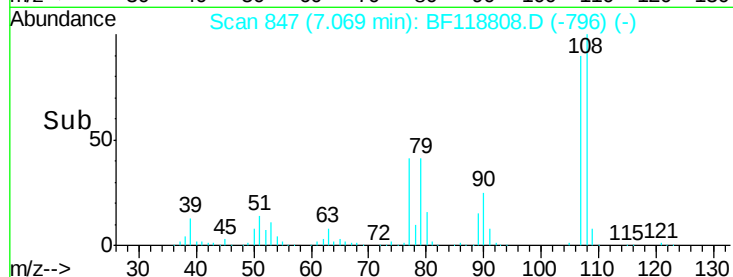
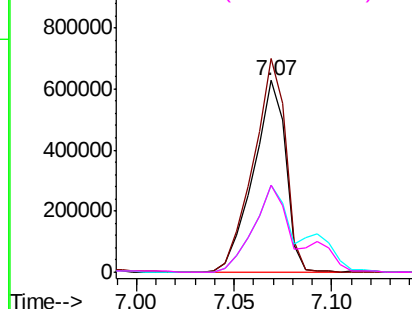
#17
2-Methylphenol
Concen: 53.175 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 721198
Ion Ratio Lower Upper
107 100
108 111.5 89.3 133.9
77 45.7 36.2 54.2
79 45.3 36.3 54.5

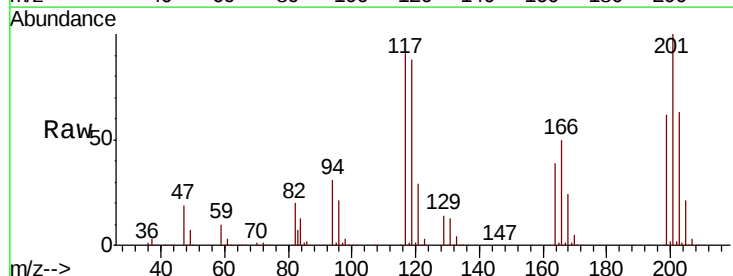


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

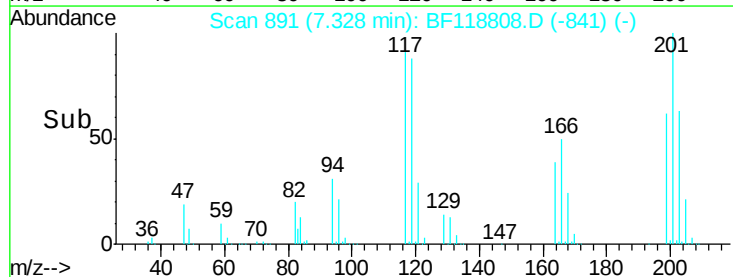
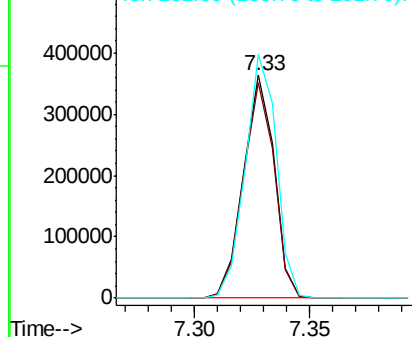


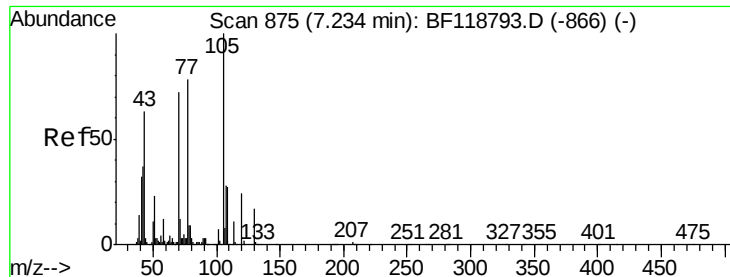
#18
Hexachloroethane
Concen: 48.939 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

Tgt Ion:117 Resp: 340213
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.0
201 109.4 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

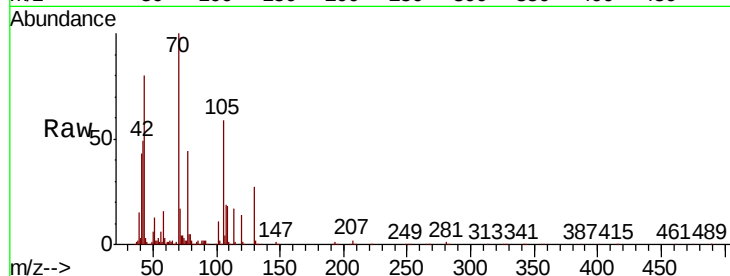




#19
n-Nitroso-di-n-propylamine
Concen: 50.708 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.4	41.5	62.3
101	10.8	8.3	12.5
130	26.5	19.2	28.8



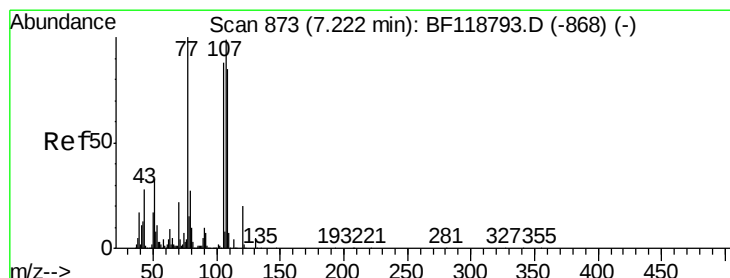
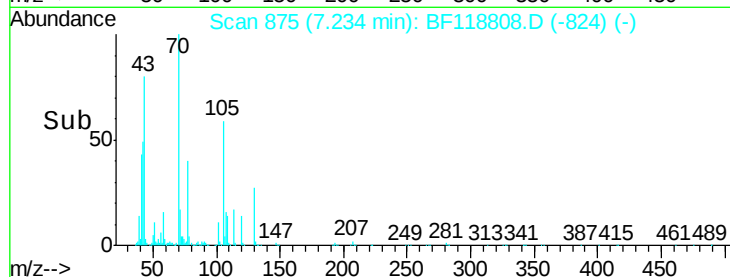
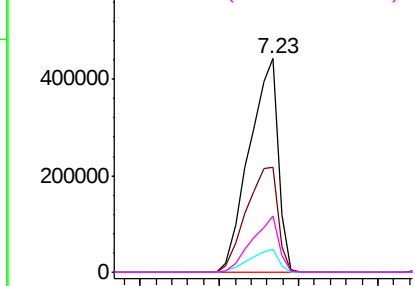
Abundance

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: 48.654 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	65.9	105.9
77	107.3	80.9	120.9
79	29.8	7.5	47.5

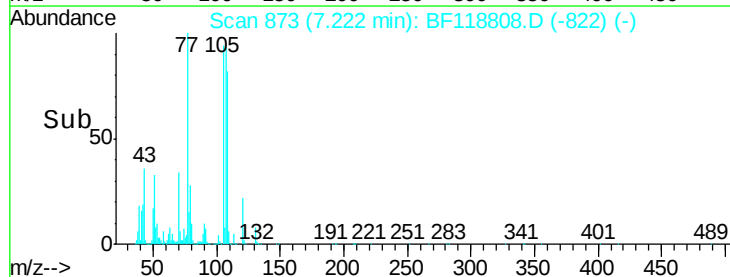
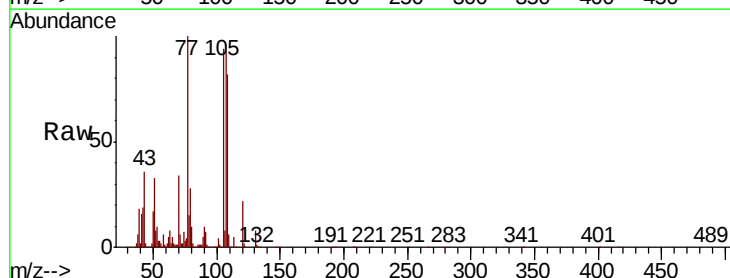
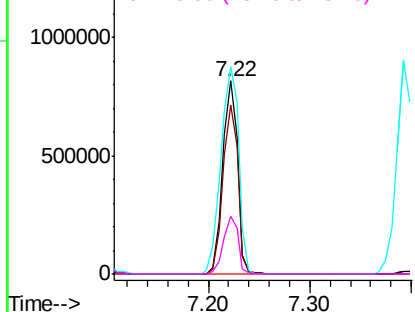
Abundance

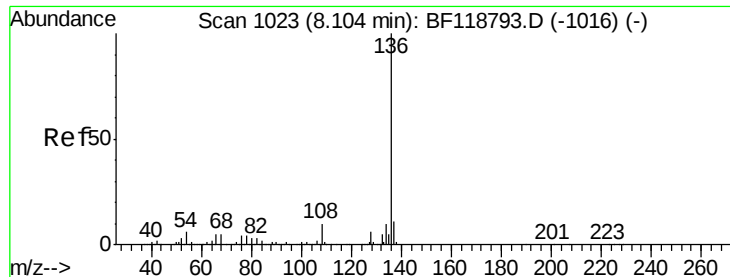
Ion 107.00 (106.70 to 107.70): BF1

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# 1022

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 1058655

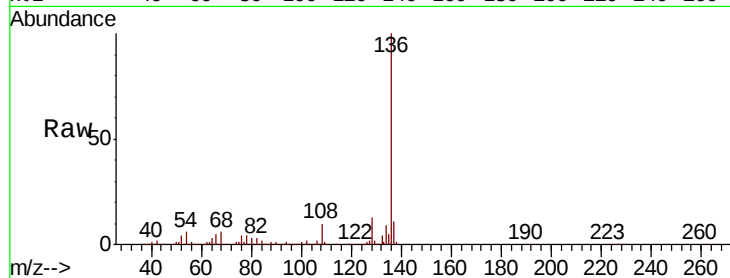
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.2 5.0 7.6

68 5.7 4.2 6.4

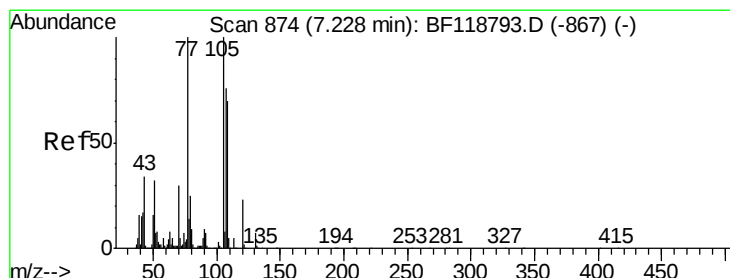
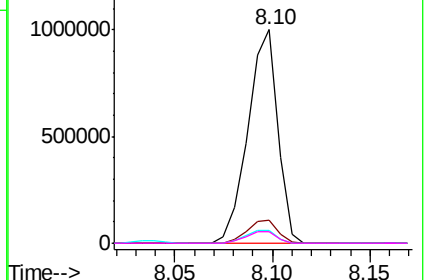
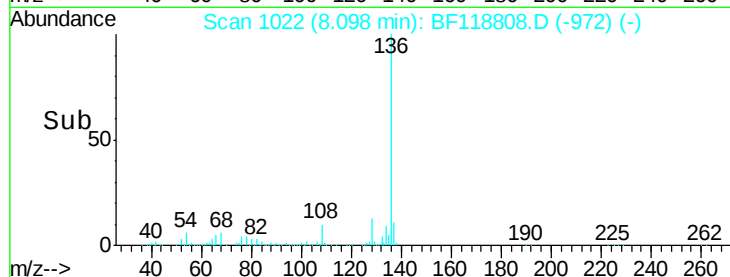


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.795 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Tgt Ion:105 Resp: 1099316

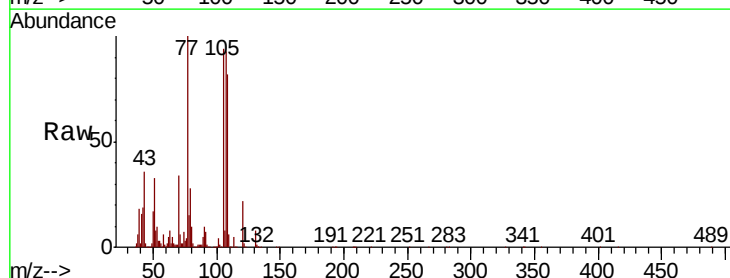
Ion Ratio Lower Upper

105 100

71 6.3 4.2 6.4

51 35.3 25.5 38.3

120 22.8 18.6 28.0

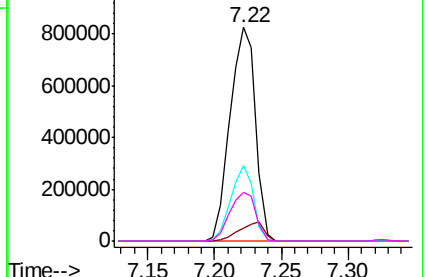
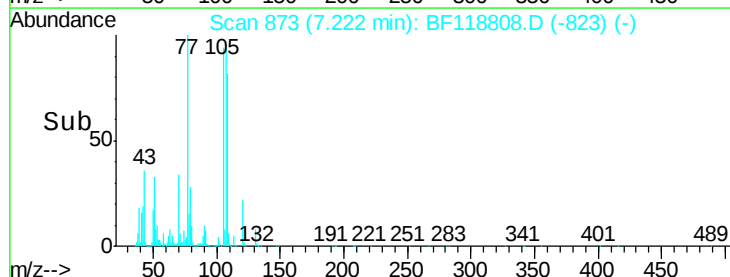


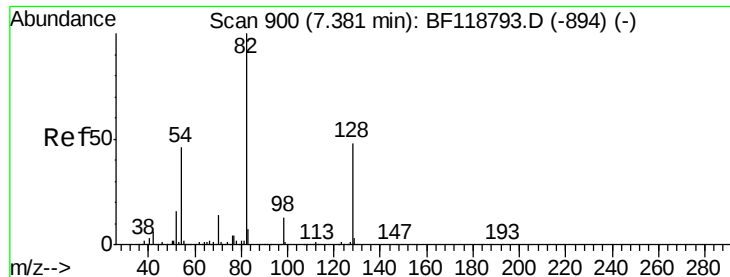
Abundance Ion 105.00 (104.70 to 105.70): E

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

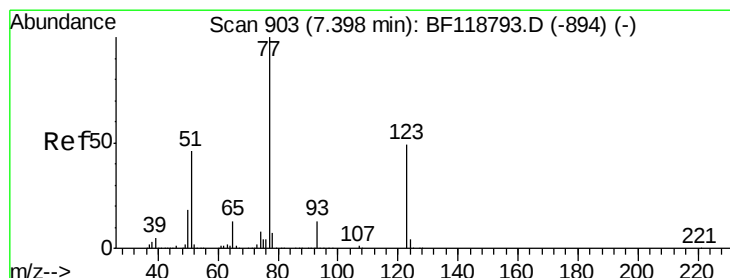
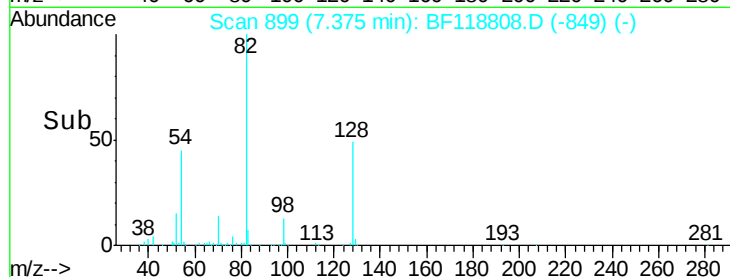
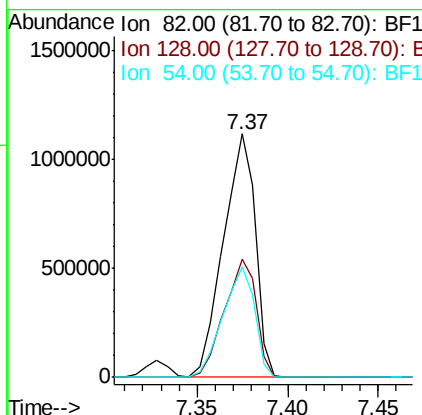
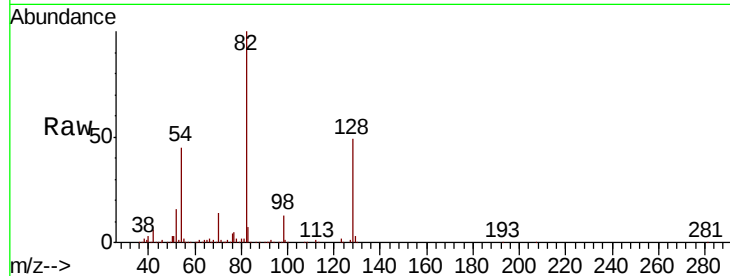




#23
 Nitrobenzene-d5
 Concen: 77.219 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF118808.D
 Acq: 4 Feb 2020 18:26

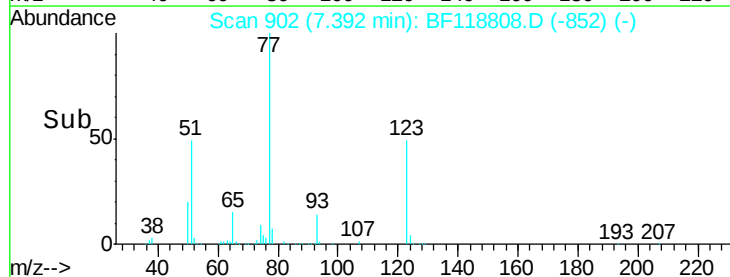
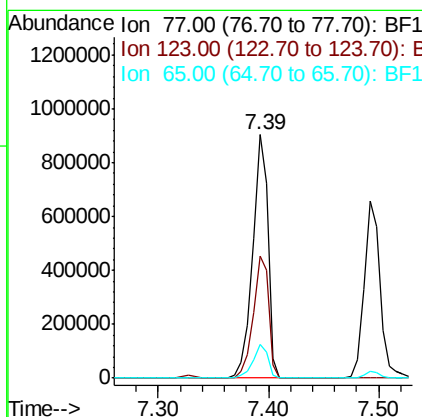
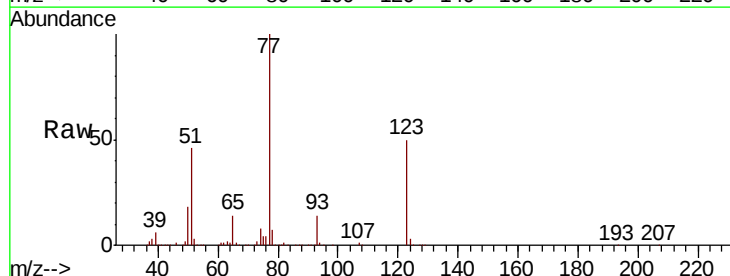
Instrument :
 BNA_G
 ClientSampled :

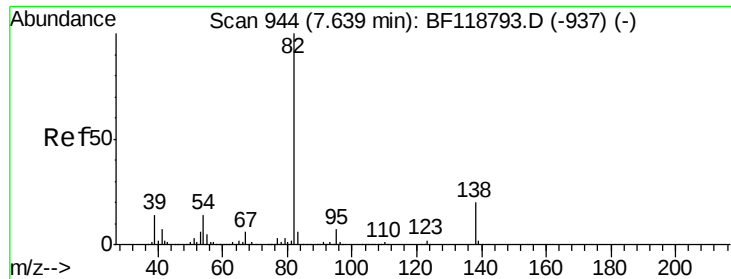
Tot Ion: 82 Resp: 1371505
 Ion Ratio Lower Upper
 82 100
 128 48.6 38.5 57.7
 54 45.3 36.7 55.1



#24
 Nitrobenzene
 Concen: 49.834 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF118808.D
 Acq: 4 Feb 2020 18:26

Tgt Ion: 77 Resp: 884213
 Ion Ratio Lower Upper
 77 100
 123 49.9 39.0 58.4
 65 13.8 10.6 15.8





#25

Isophorone

Concen: 51.300 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Instrument :

BNA_G

ClientSampleId :

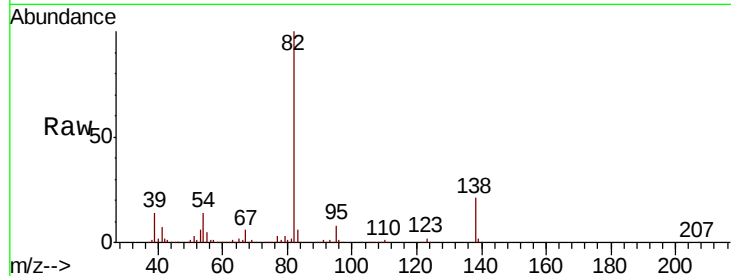
Tot Ion: 82 Resp: 1637532

Ion Ratio Lower Upper

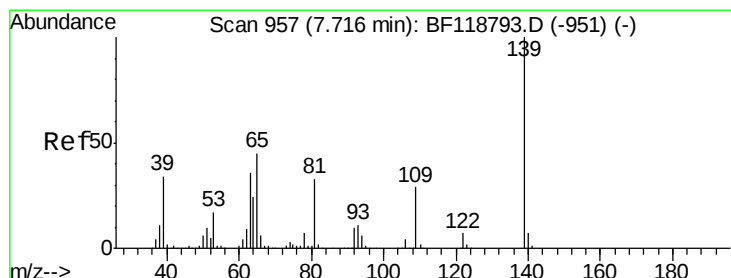
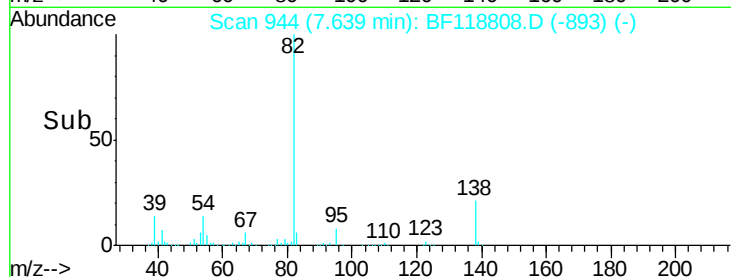
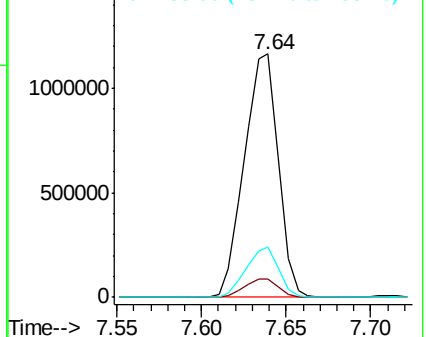
82 100

95 7.7 6.0 9.0

138 20.9 15.7 23.5



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



#26

2-Nitrophenol

Concen: 52.489 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

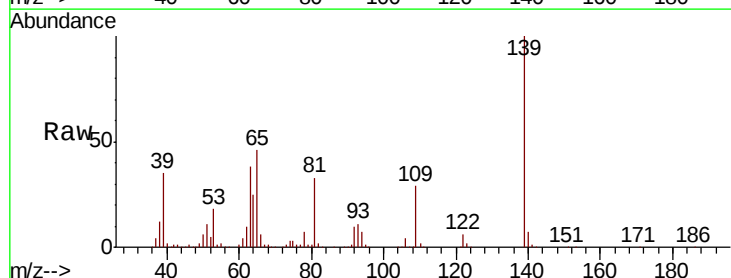
Tgt Ion: 139 Resp: 496273

Ion Ratio Lower Upper

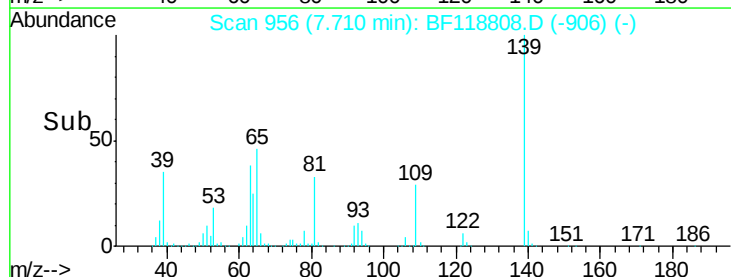
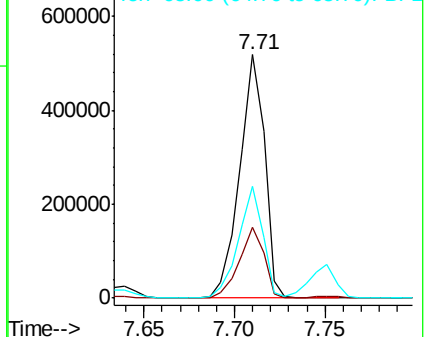
139 100

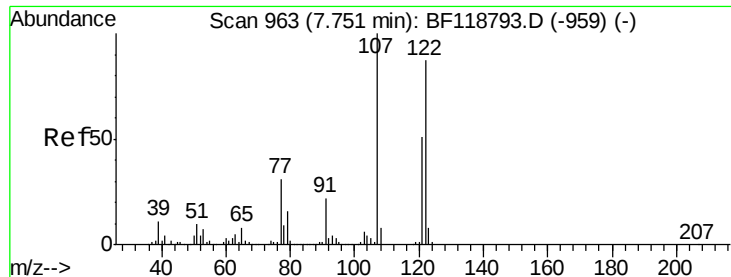
109 29.1 23.4 35.0

65 46.1 36.2 54.2



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

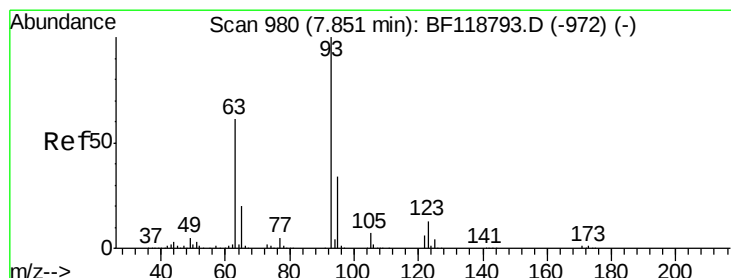
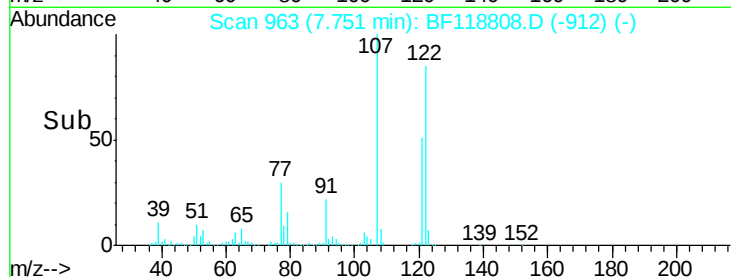
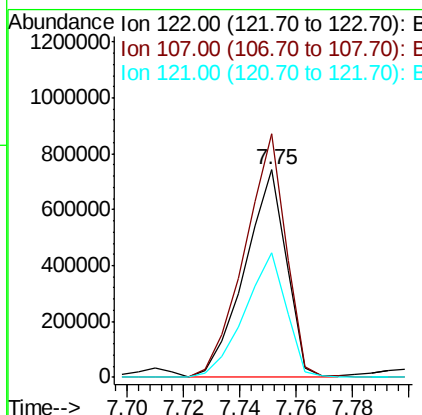
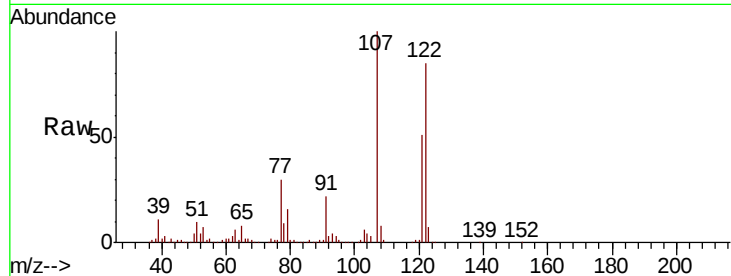




#27
 2,4-Dimethylphenol
 Concen: 59.564 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF118808.D
 Acq: 4 Feb 2020 18:26

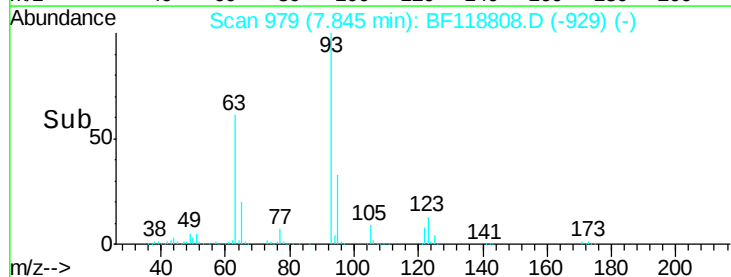
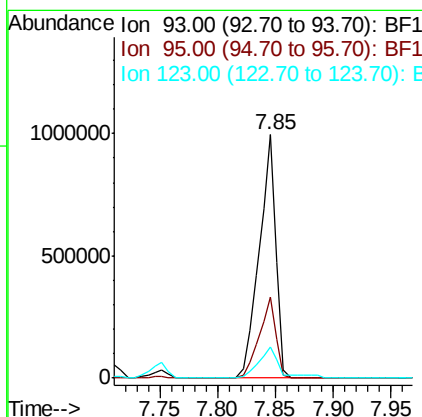
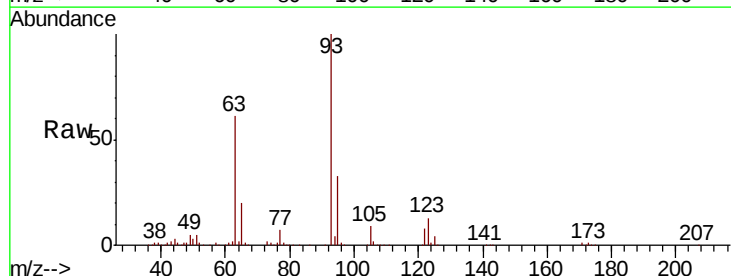
Instrument :
 BNA_G
 ClientSampled :

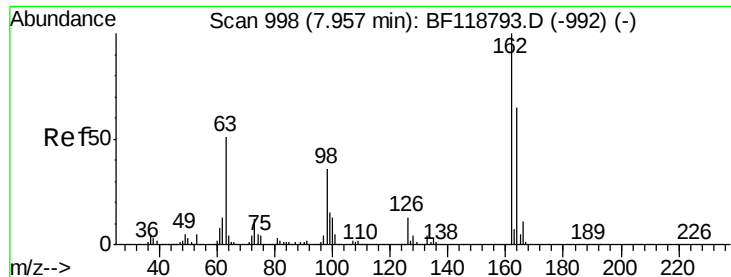
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.2	92.2	138.2
121	59.8	46.8	70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.930 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF118808.D
 Acq: 4 Feb 2020 18:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	27.0	40.4
123	12.9	10.6	15.8

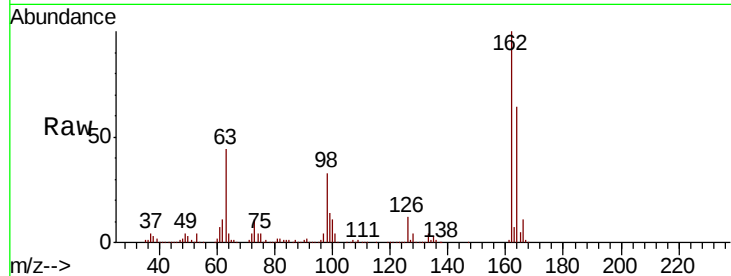




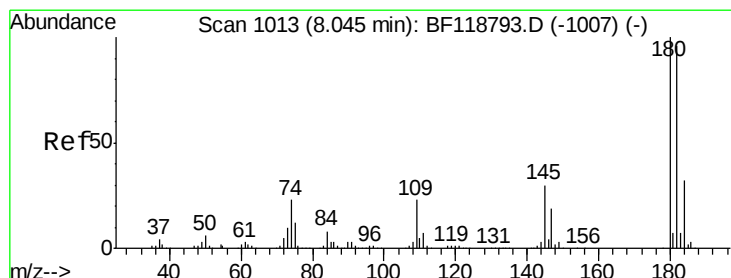
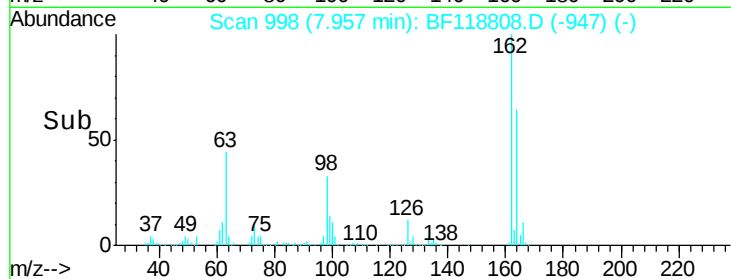
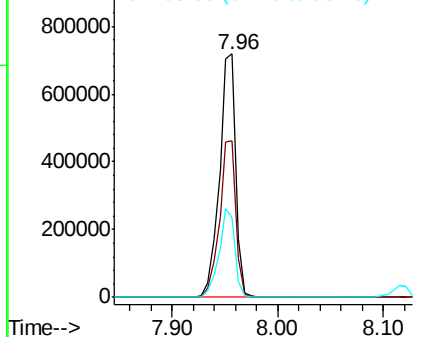
#29
 2,4-Dichlorophenol
 Concen: 50.974 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF118808.D
 Acq: 4 Feb 2020 18:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.8	84.8
98	32.8	16.4	56.4

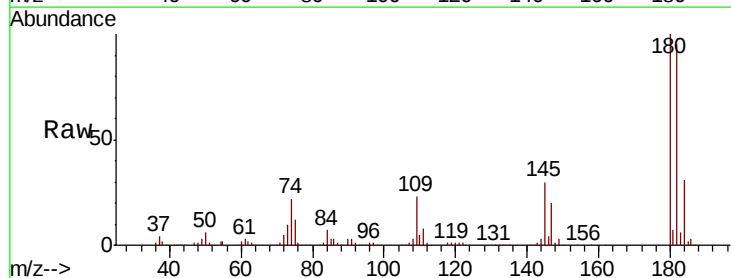


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

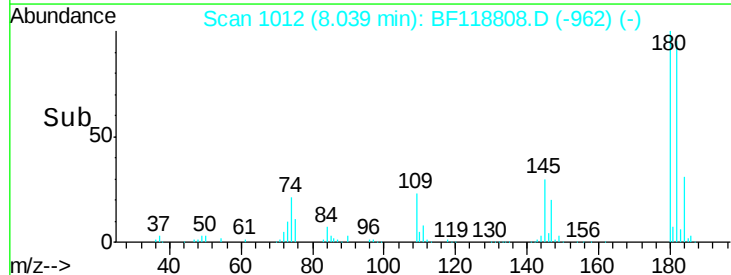
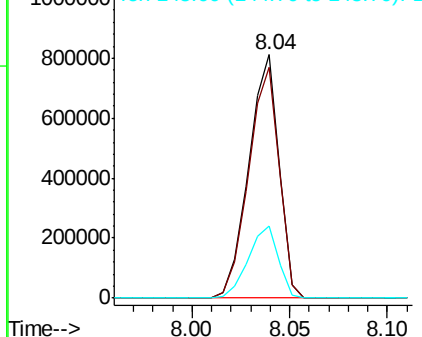


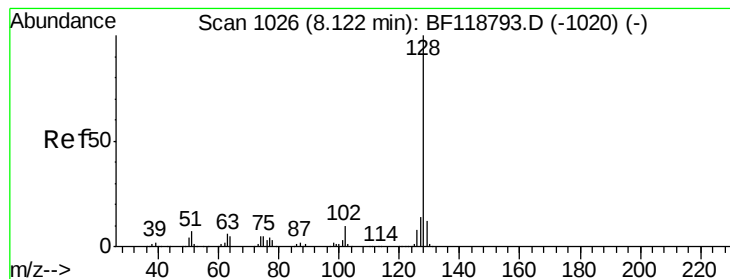
#30
 1,2,4-Trichlorobenzene
 Concen: 48.164 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF118808.D
 Acq: 4 Feb 2020 18:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.6	115.0
145	29.5	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: 50.237 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Instrument :

BNA_G

ClientSampled :

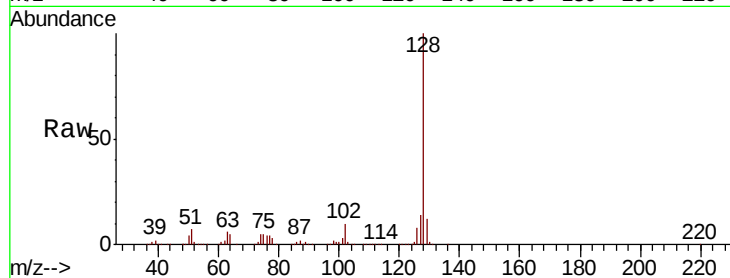
Tot Ion:128 Resp: 2432385

Ion Ratio Lower Upper

128 100

129 12.1 9.4 14.2

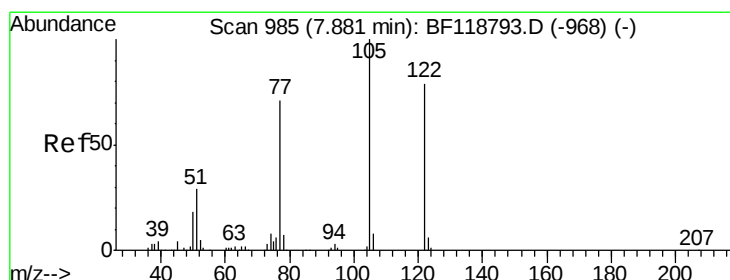
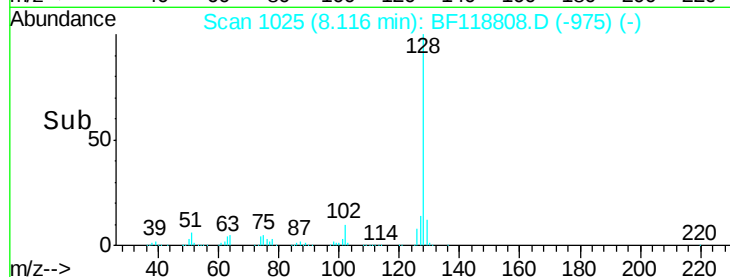
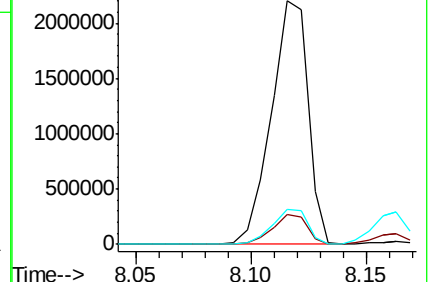
127 14.1 11.3 16.9



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: 49.945 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

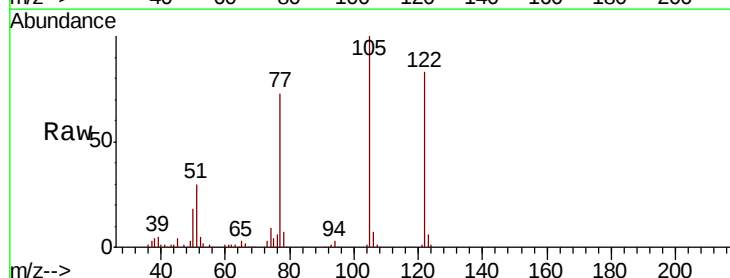
Tgt Ion:122 Resp: 531093

Ion Ratio Lower Upper

122 100

105 120.5 104.4 144.4

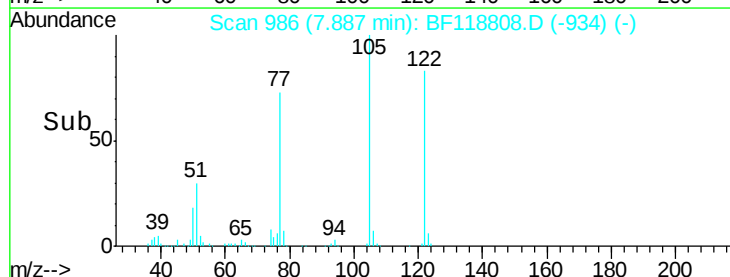
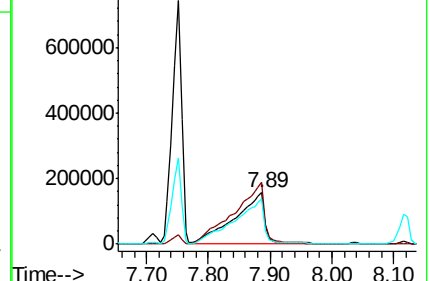
77 88.2 69.3 109.3

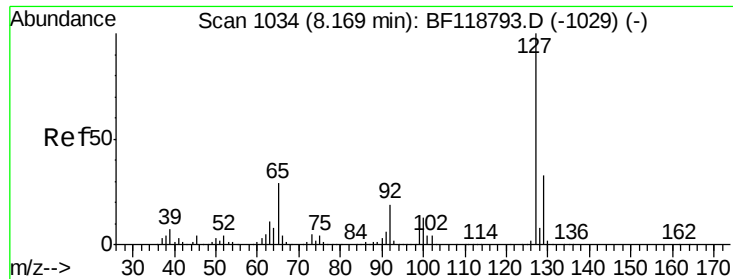


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

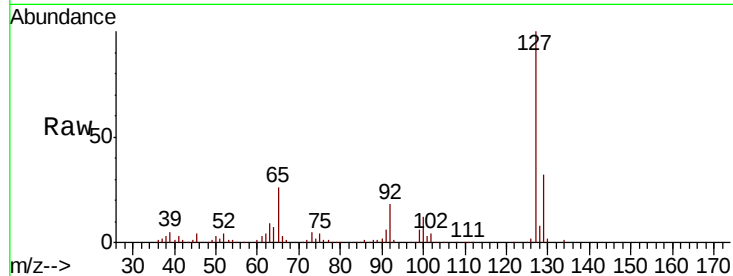




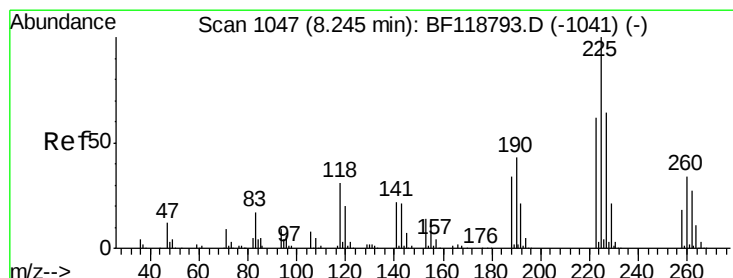
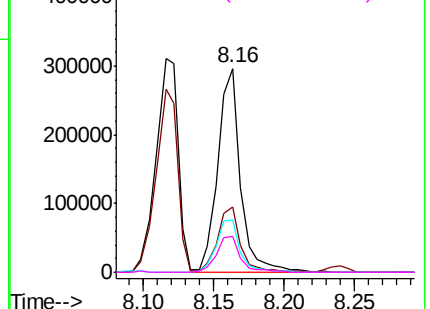
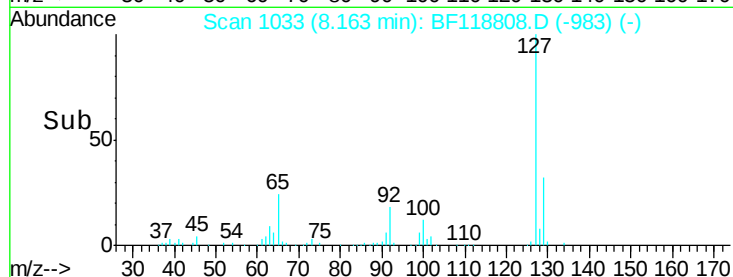
#33
4-Chloroaniline
Concen: 15.231 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	329945
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.7	40.1
65	25.9	22.9	34.3
92	17.9	15.4	23.0

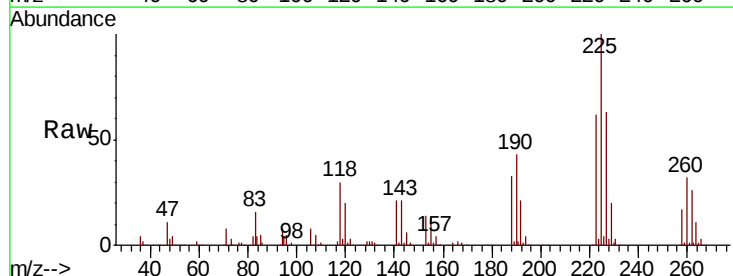


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

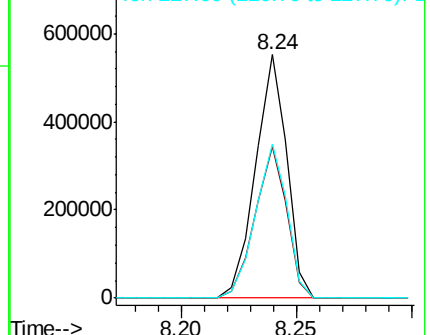
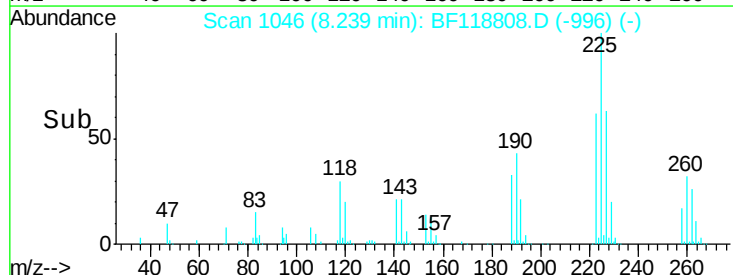


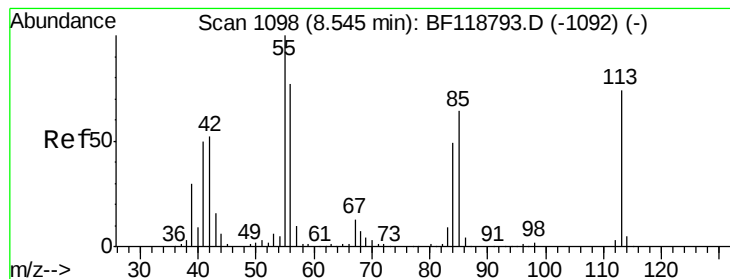
#34
Hexachlorobutadiene
Concen: 47.421 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

Tgt Ion:	225	Resp:	522312
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.8	74.8
227	63.5	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: 29.141 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Instrument :

BNA_G

ClientSampled :

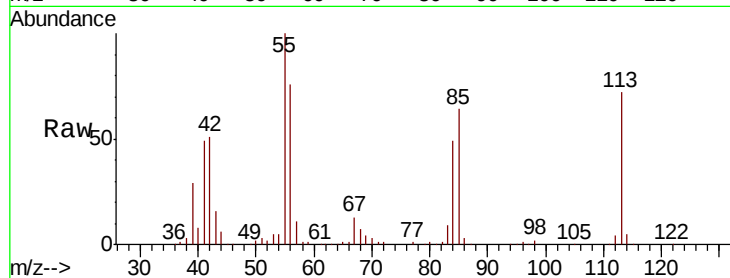
Tot Ion:113 Resp: 145302

Ion Ratio Lower Upper

113 100

55 138.0 115.5 155.5

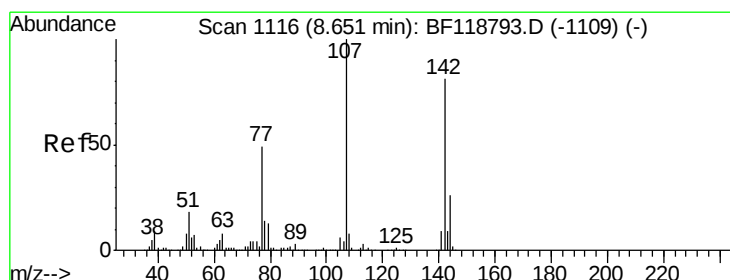
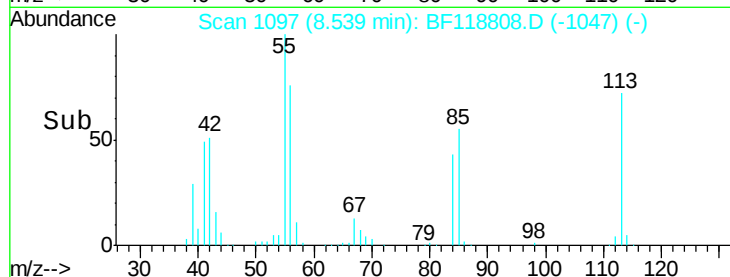
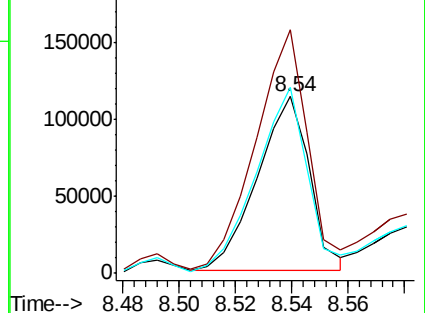
56 105.1 83.7 123.7



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: 52.151 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

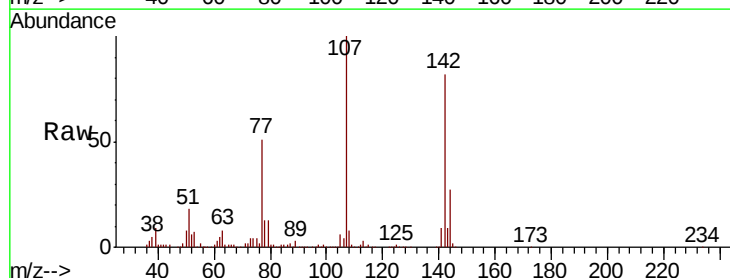
Tgt Ion:107 Resp: 807245

Ion Ratio Lower Upper

107 100

144 26.8 21.0 31.6

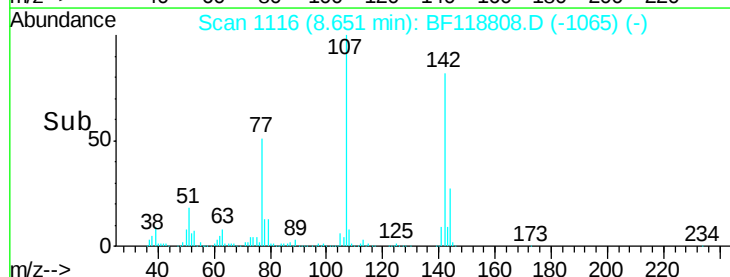
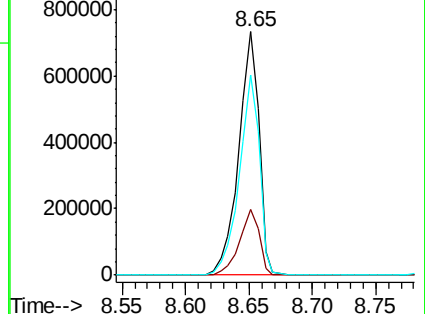
142 82.0 64.8 97.2

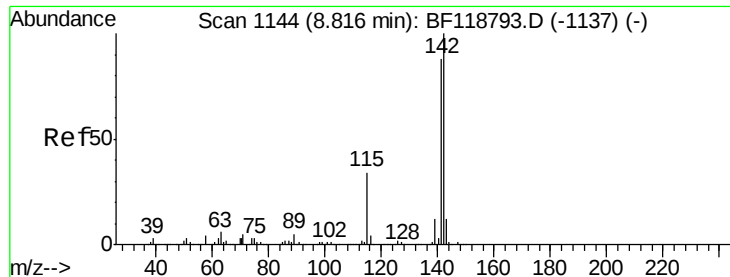


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

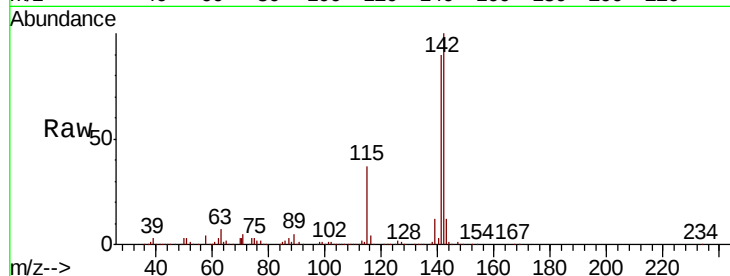




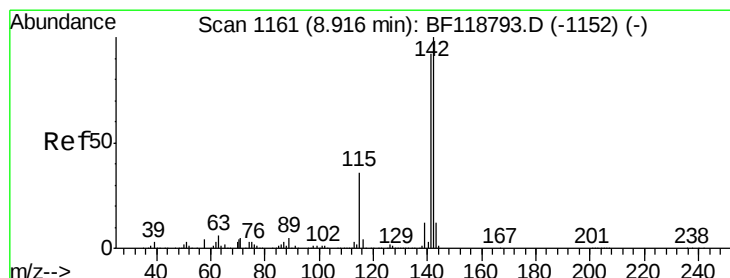
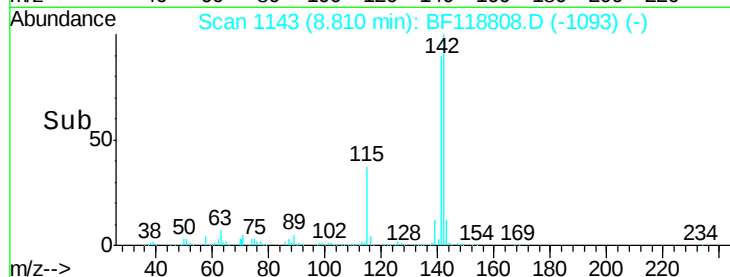
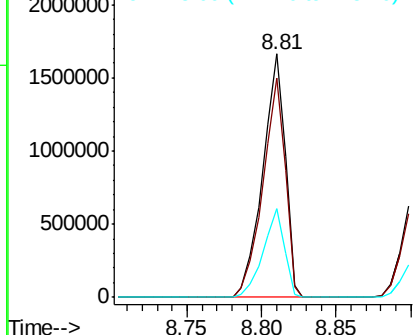
#37
2-Methylnaphthalene
Concen: 51.221 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 1720016
Ion Ratio Lower Upper
142 100
141 90.2 70.1 105.1
115 36.5 27.3 40.9

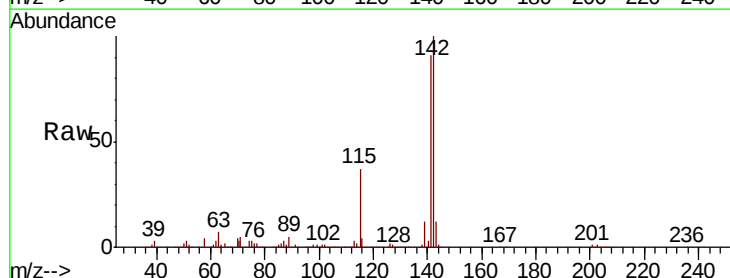


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

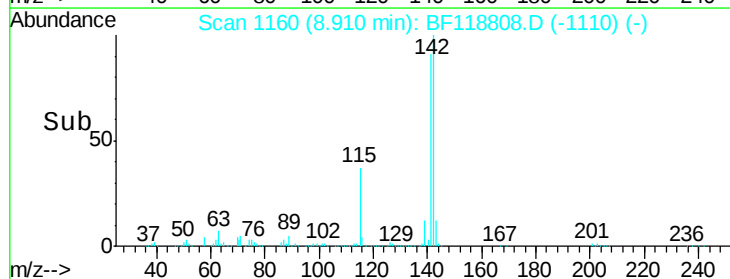
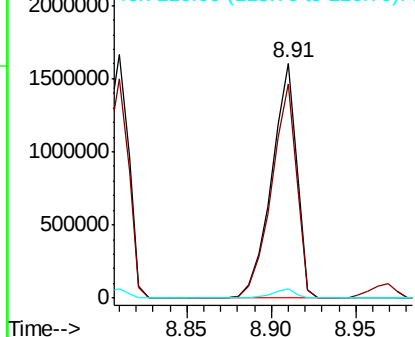


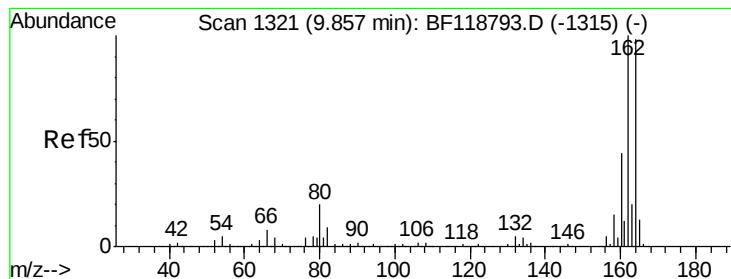
#38
1-Methylnaphthalene
Concen: 51.962 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

Tgt Ion:142 Resp: 1641474
Ion Ratio Lower Upper
142 100
141 91.1 73.8 110.6
116 3.9 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: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Instrument :

BNA_G

ClientSampleId :

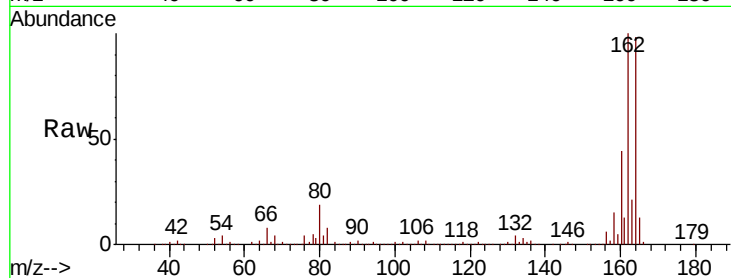
Tot Ion:164 Resp: 615967

Ion Ratio Lower Upper

164 100

162 101.8 81.4 122.2

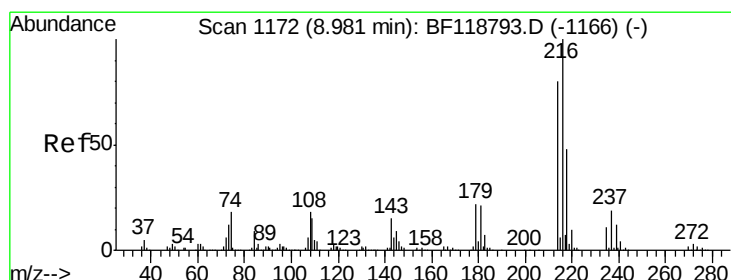
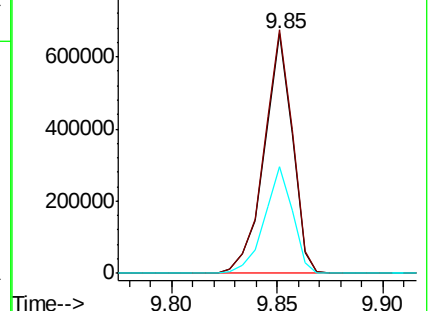
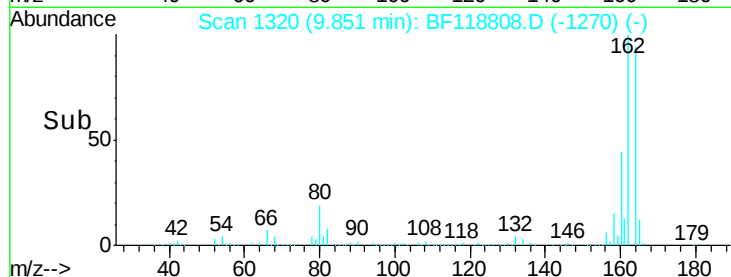
160 44.3 35.6 53.4



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: 44.895 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Tgt Ion:216 Resp: 834614

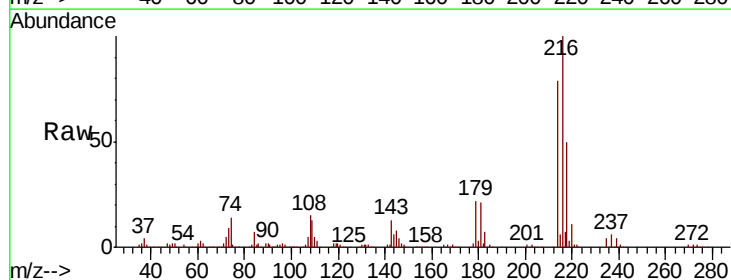
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 21.5 17.0 25.6

108 19.0 13.5 20.3

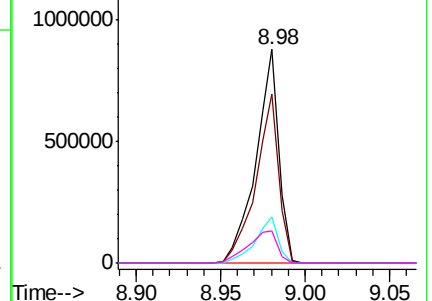
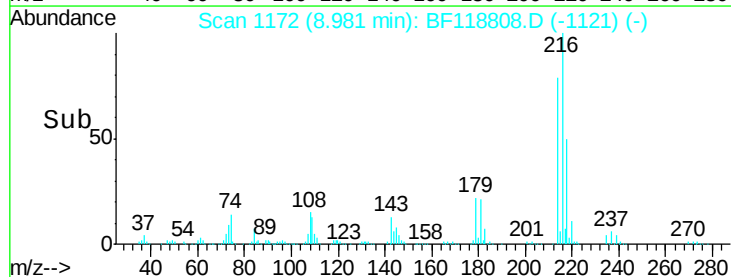


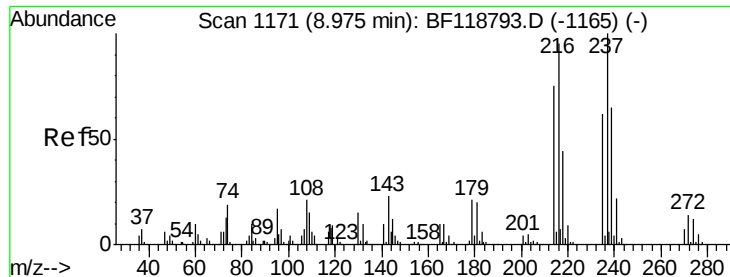
Abundance Ion 216.00 (215.70 to 216.70): E

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: 125.811 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Instrument :

BNA_G

ClientSampled :

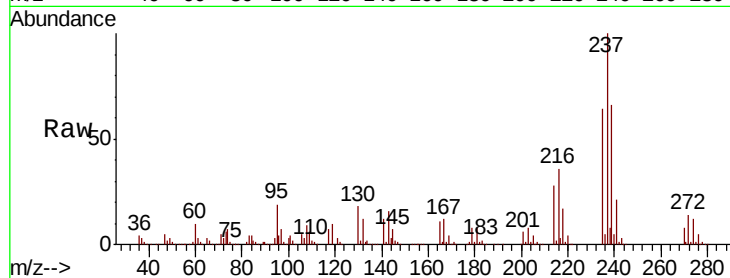
Tot Ion:237 Resp: 917109

Ion Ratio Lower Upper

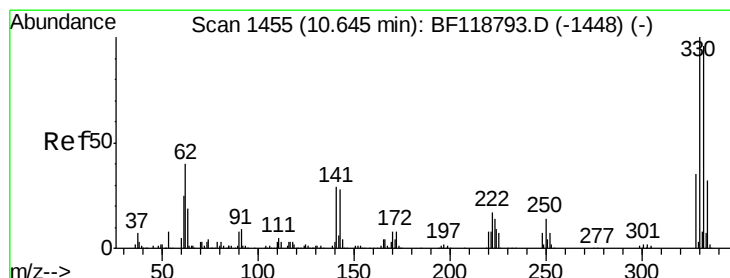
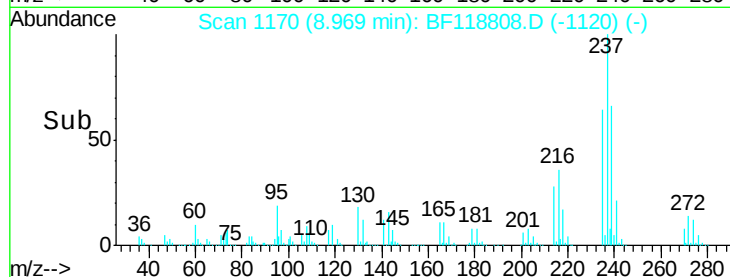
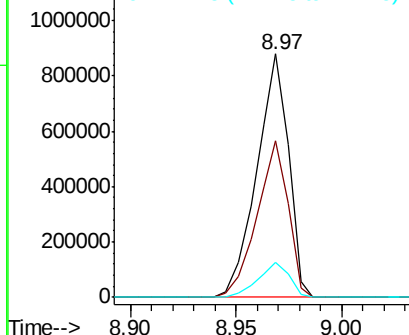
237 100

235 64.4 42.1 82.1

272 14.2 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: 113.311 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

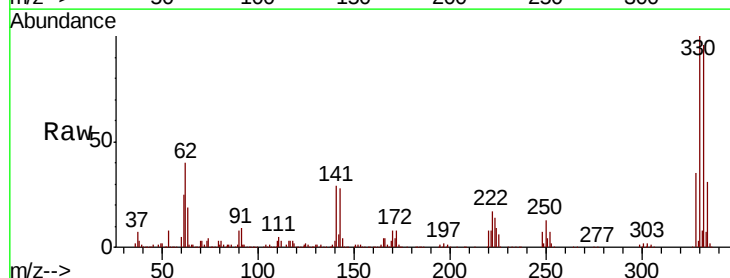
Tgt Ion:330 Resp: 835130

Ion Ratio Lower Upper

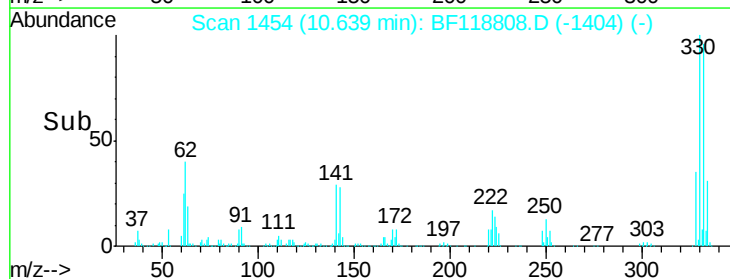
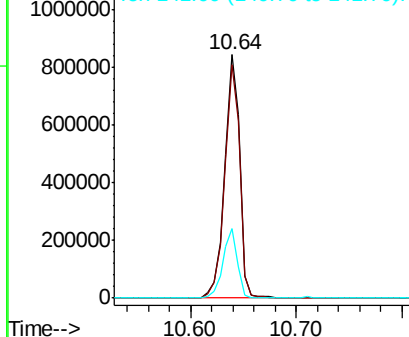
330 100

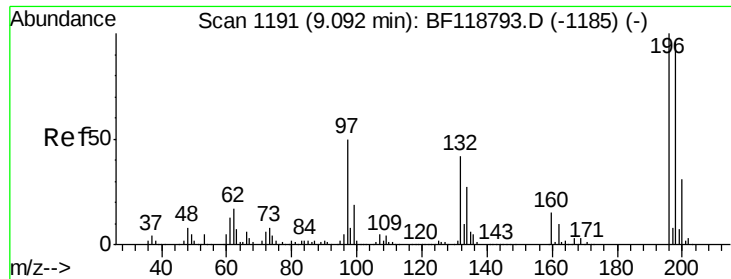
332 96.7 77.3 115.9

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

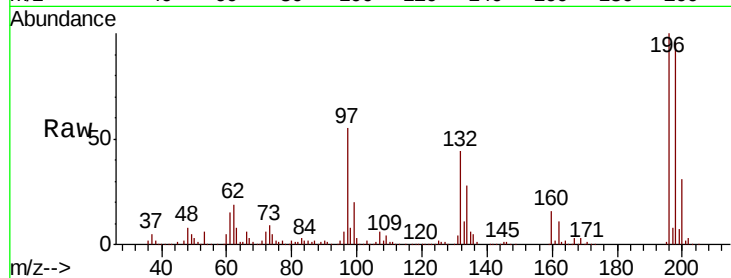




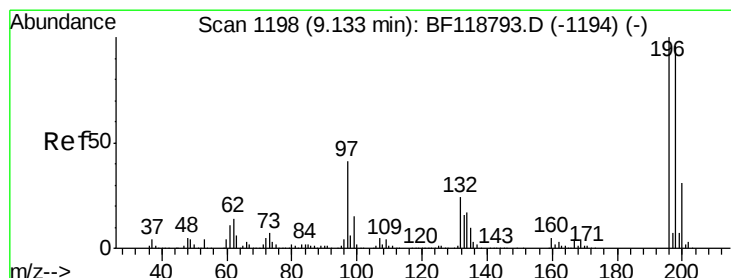
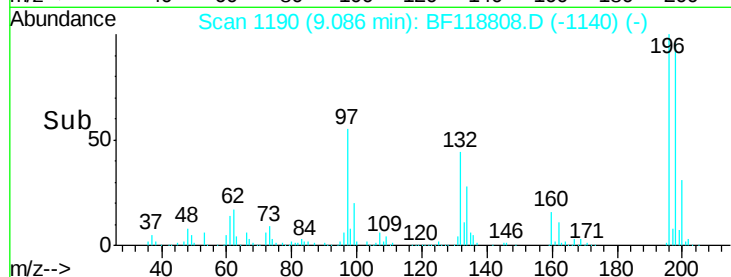
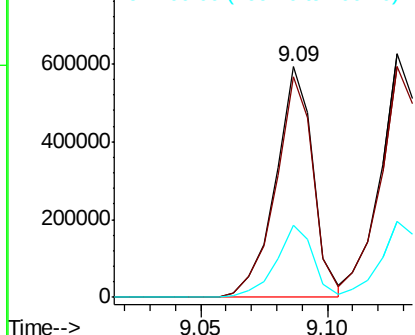
#43
 2,4,6-Trichlorophenol
 Concen: 49.146 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF118808.D
 Acq: 4 Feb 2020 18:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 610954
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.7 115.1
 200 31.3 24.9 37.3

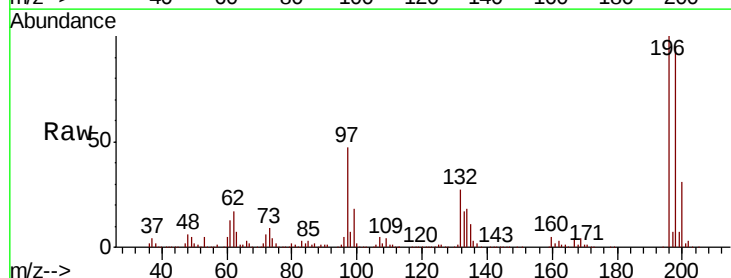


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

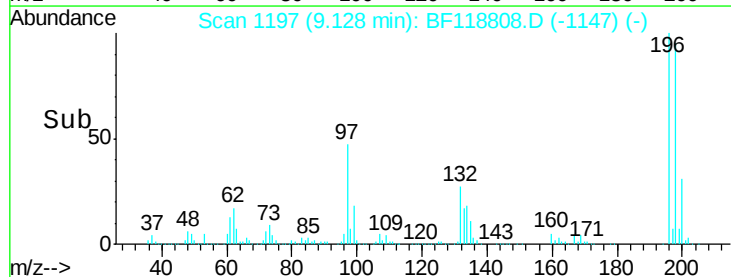
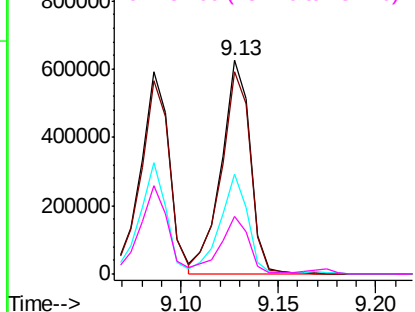


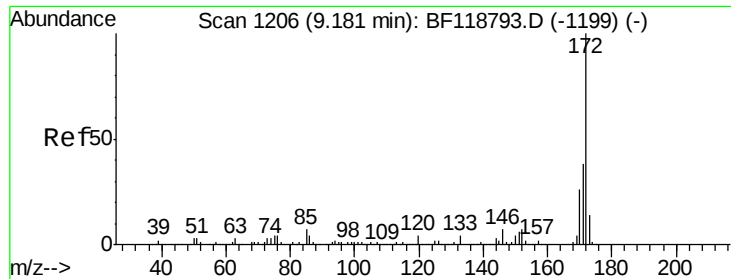
#44
 2,4,5-Trichlorophenol
 Concen: 50.666 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF118808.D
 Acq: 4 Feb 2020 18:26

Tgt Ion:196 Resp: 643573
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.0 115.4
 97 46.6 32.9 49.3
 132 27.2 19.9 29.9



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

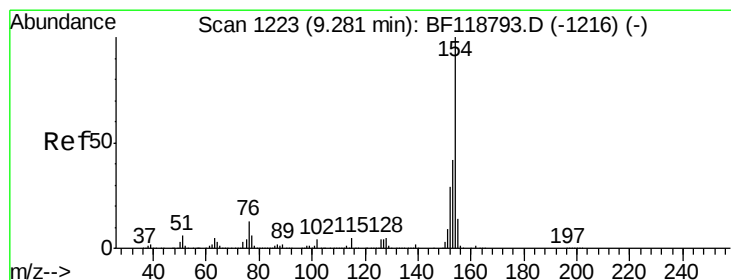
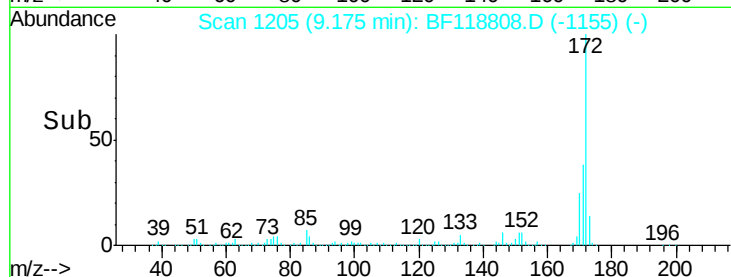
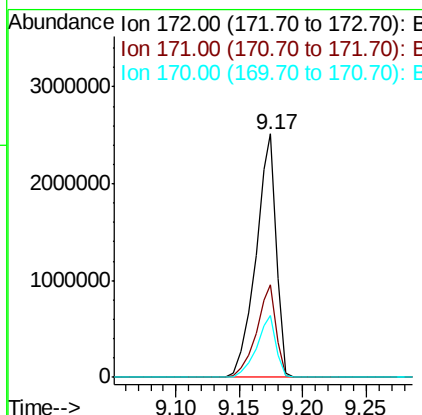
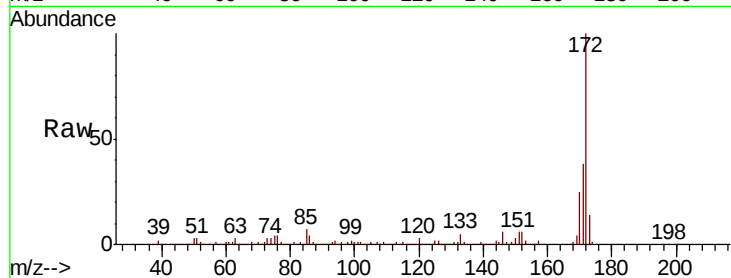




#45
2-Fluorobiphenyl
Concen: 81.815 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

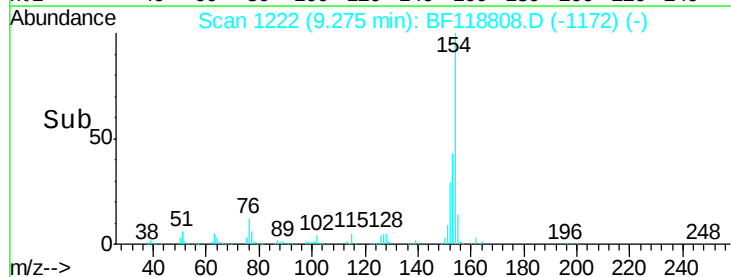
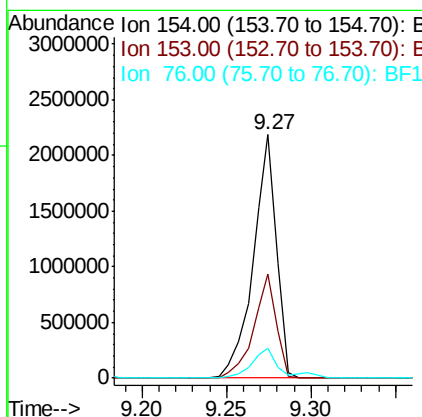
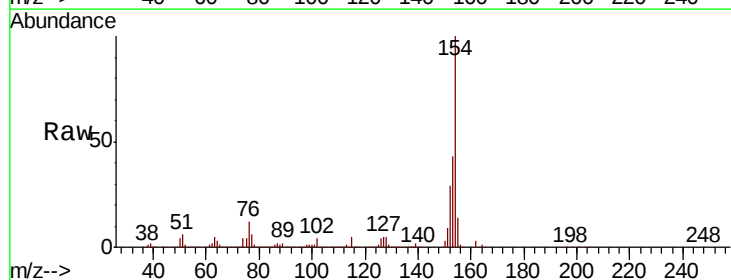
Instrument :
BNA_G
ClientSampleId :

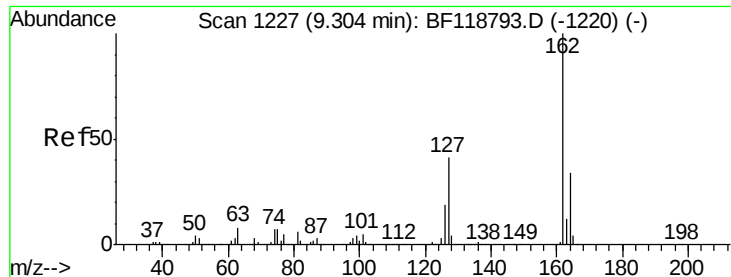
Tot Ion:172 Resp: 2819027
Ion Ratio Lower Upper
172 100
171 37.9 30.8 46.2
170 25.3 20.5 30.7



#46
1,1'-Biphenyl
Concen: 49.257 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

Tgt Ion:154 Resp: 2098800
Ion Ratio Lower Upper
154 100
153 42.7 22.4 62.4
76 12.3 0.0 32.7

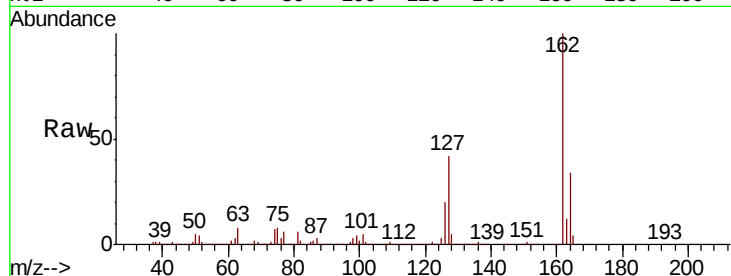




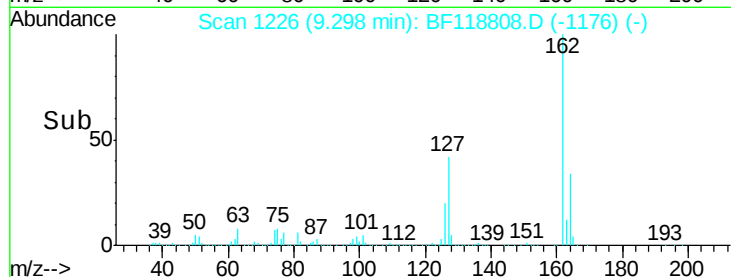
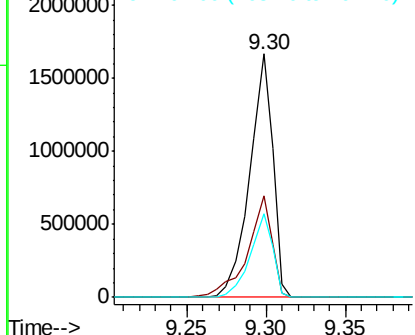
#47
 2-Chloronaphthalene
 Concen: 47.491 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF118808.D
 Acq: 4 Feb 2020 18:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 1682248
 Ion Ratio Lower Upper
 162 100
 127 41.9 33.3 49.9
 164 34.3 27.1 40.7

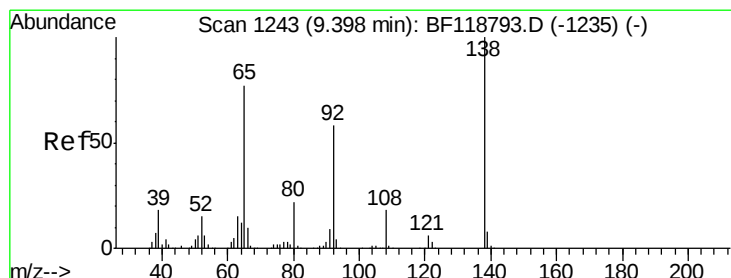


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

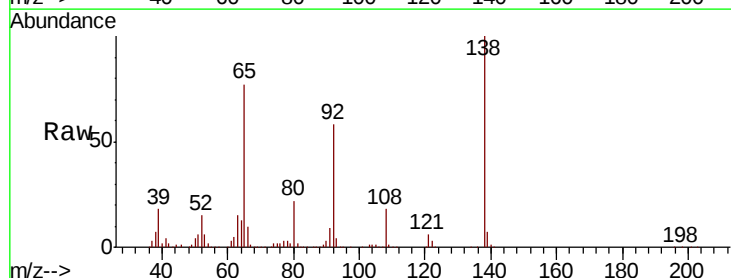
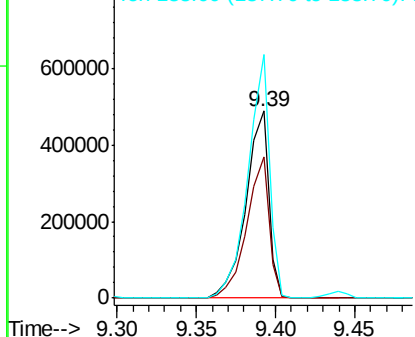


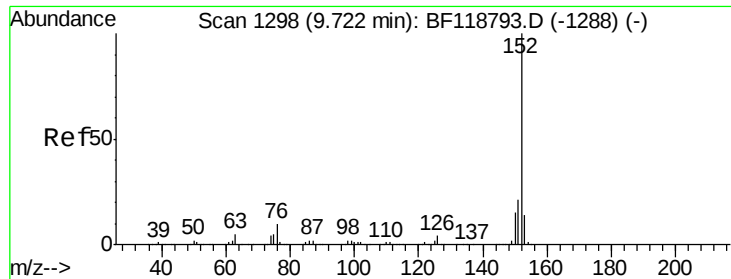
#48
 2-Nitroaniline
 Concen: 47.651 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF118808.D
 Acq: 4 Feb 2020 18:26

Tgt Ion: 65 Resp: 486828
 Ion Ratio Lower Upper
 65 100
 92 75.7 60.6 91.0
 138 130.2 104.6 156.8



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

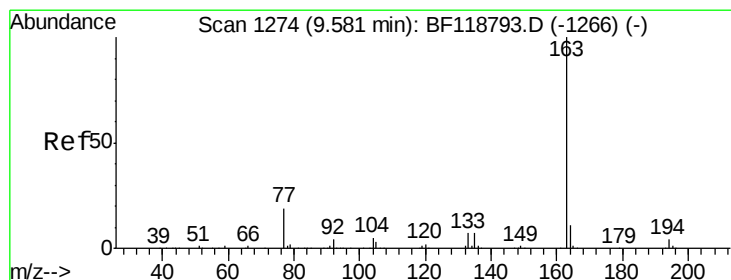
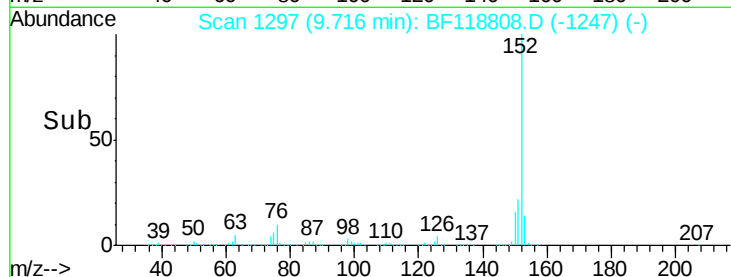
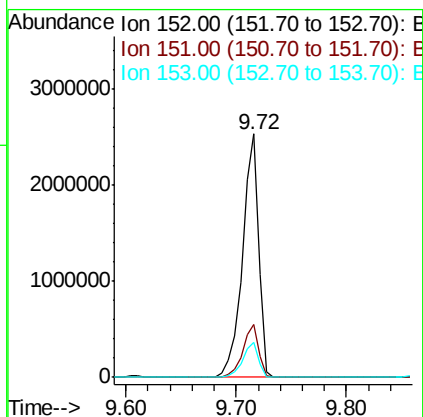
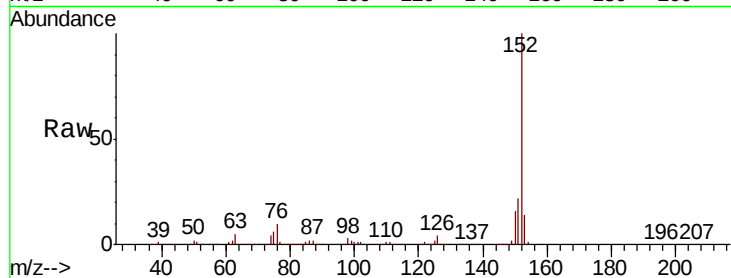




#49
Acenaphthylene
Concen: 50.937 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

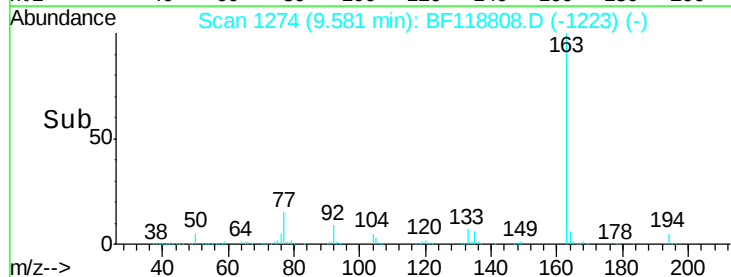
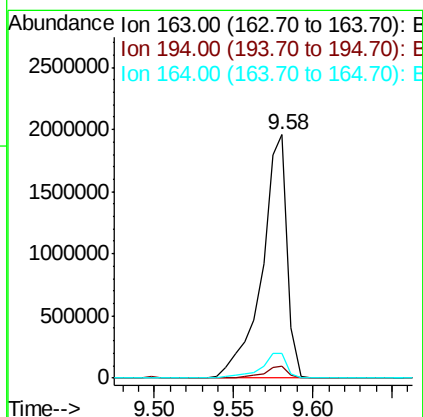
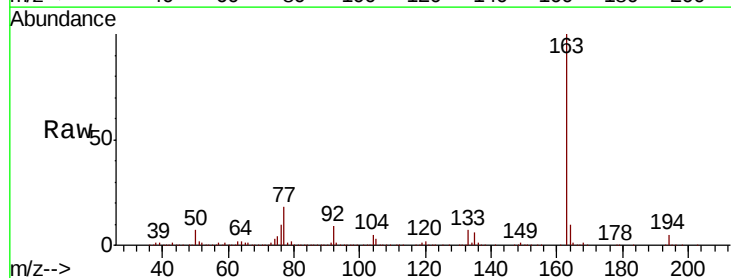
Instrument :
BNA_G
ClientSampleId :

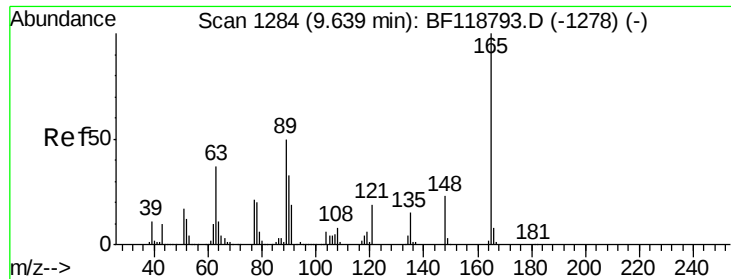
Tot Ion:152 Resp: 2605201
Ion Ratio Lower Upper
152 100
151 21.6 17.1 25.7
153 14.1 11.0 16.4



#50
Dimethylphthalate
Concen: 51.782 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

Tgt Ion:163 Resp: 2171808
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 10.4 8.7 13.1





#51

2,6-Dinitrotoluene

Concen: 51.622 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Instrument :

BNA_G

ClientSampleId :

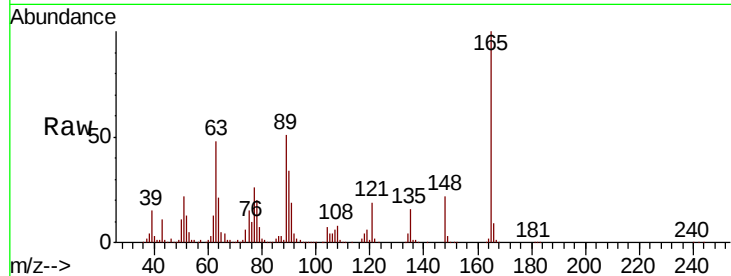
Tot Ion:165 Resp: 495402

Ion Ratio Lower Upper

165 100

63 47.6 37.4 56.0

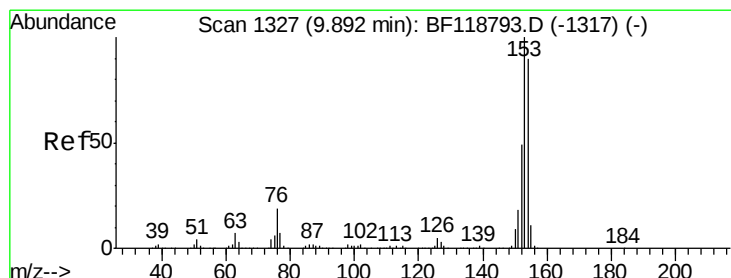
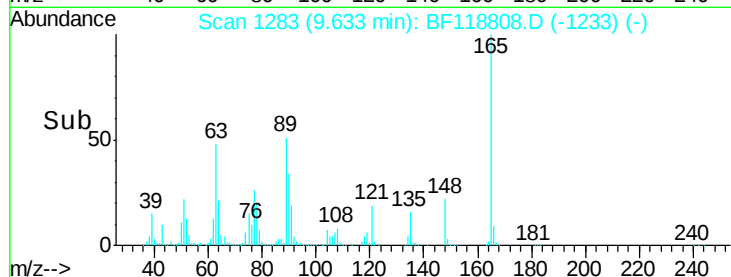
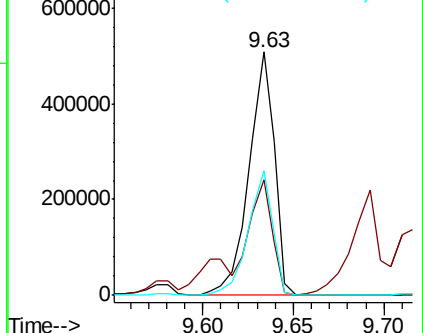
89 51.0 39.7 59.5



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: 48.477 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

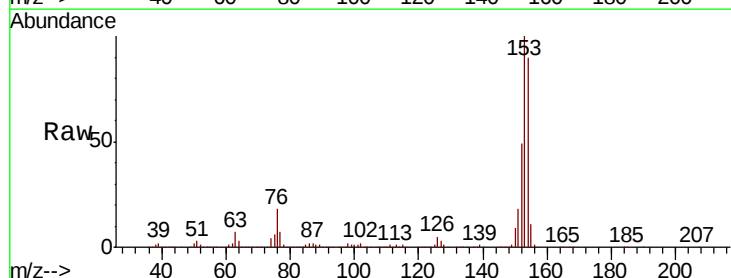
Tgt Ion:154 Resp: 1633803

Ion Ratio Lower Upper

154 100

153 111.2 89.4 134.0

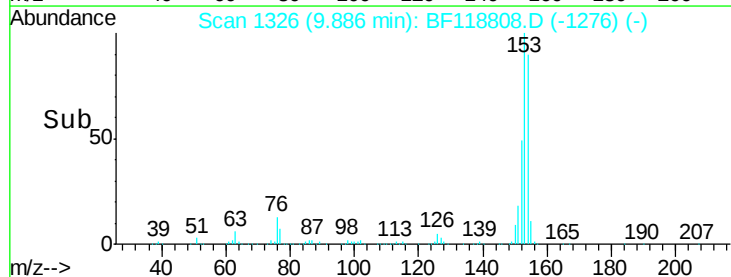
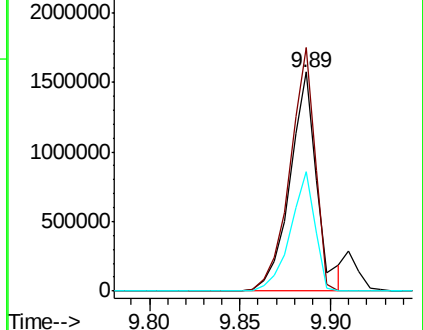
152 54.4 43.6 65.4

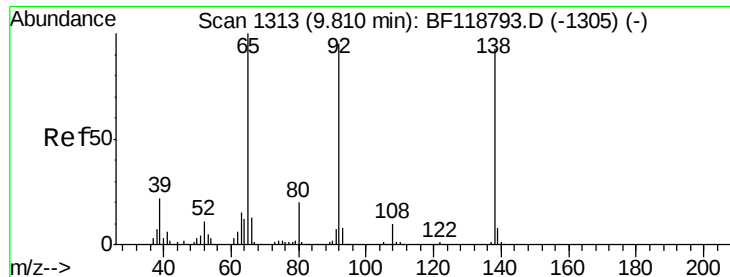


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

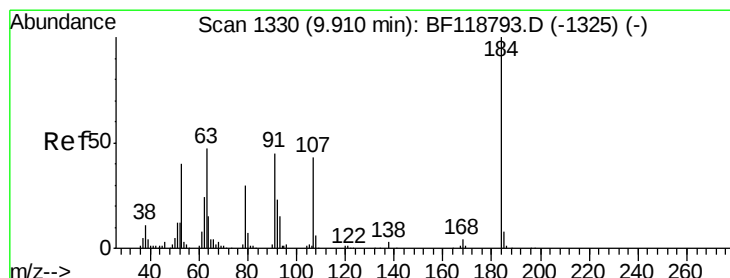
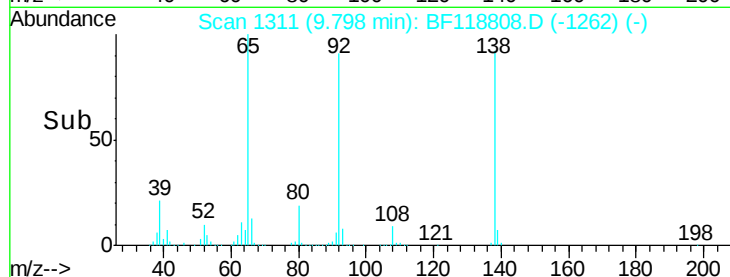
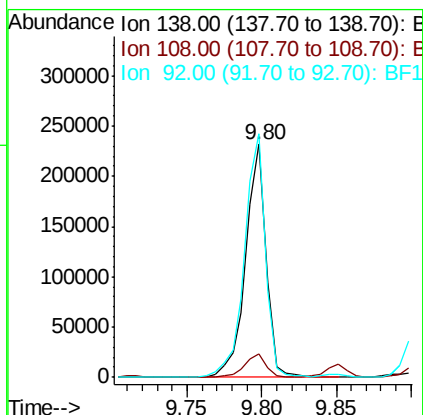
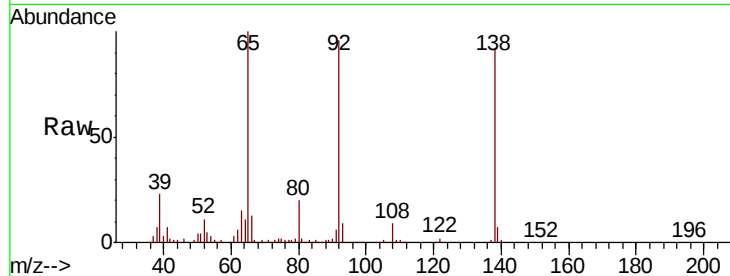




#53
3-Nitroaniline
Concen: 20.634 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

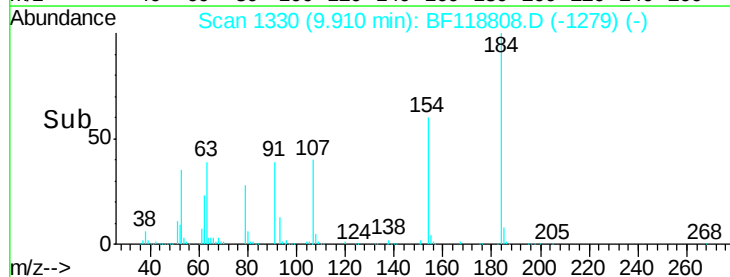
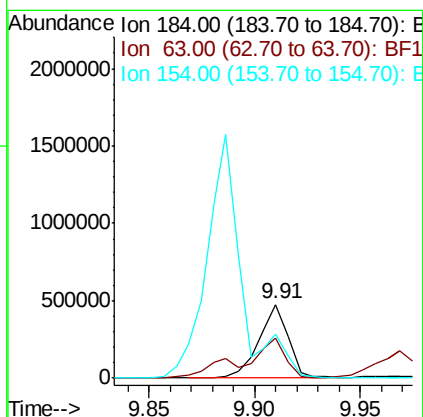
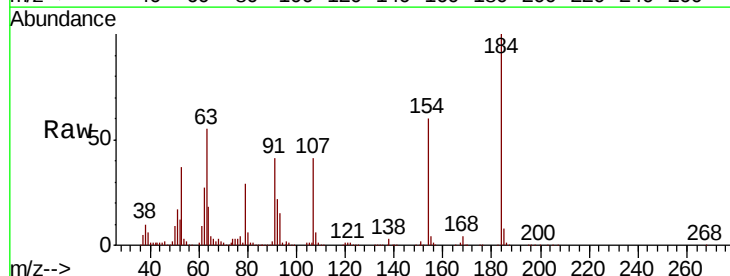
Instrument :
BNA_G
ClientSampleId :

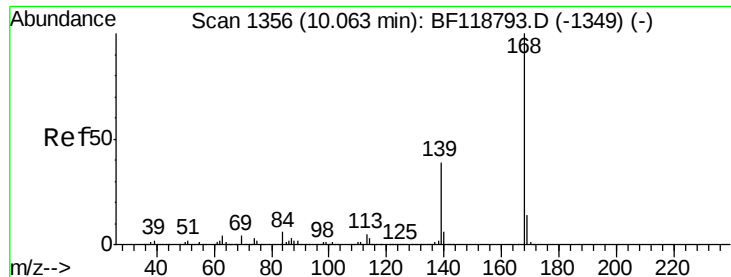
Tot Ion:138 Resp: 219603
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 104.4 82.2 123.4



#54
2,4-Dinitrophenol
Concen: 99.984 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

Tgt Ion:184 Resp: 461272
Ion Ratio Lower Upper
184 100
63 54.7 47.5 71.3
154 59.7 48.6 72.8

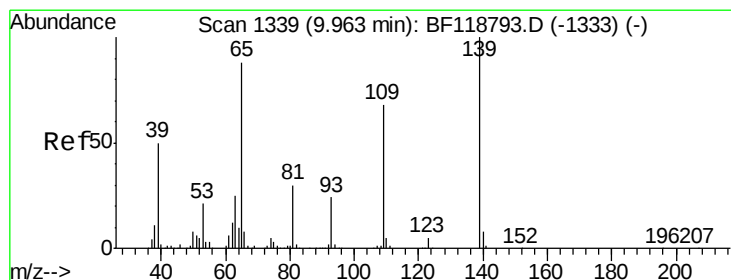
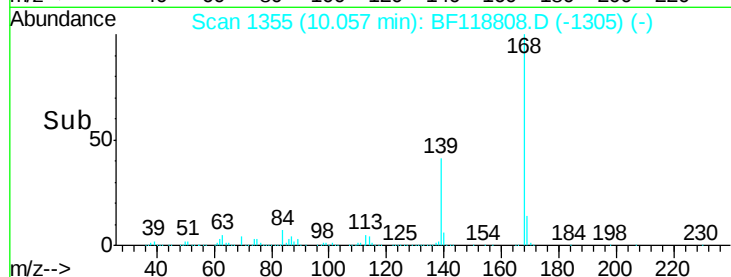
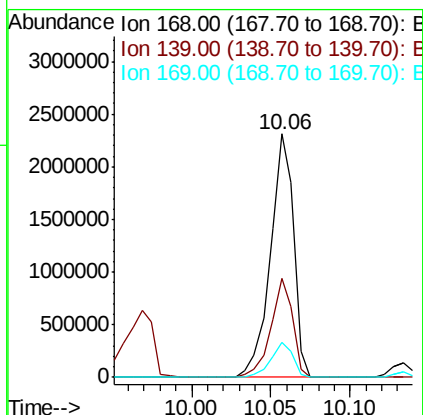
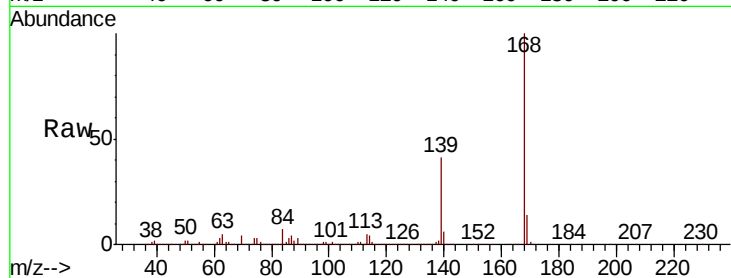




#55
Dibenzofuran
Concen: 48.343 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

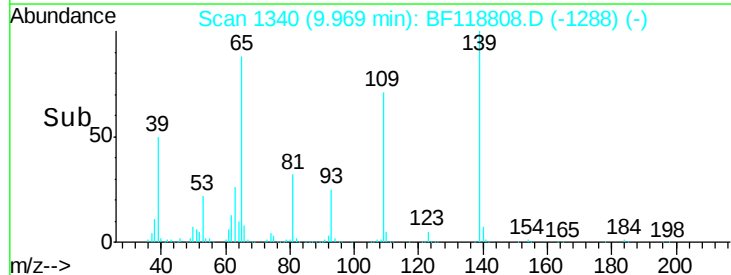
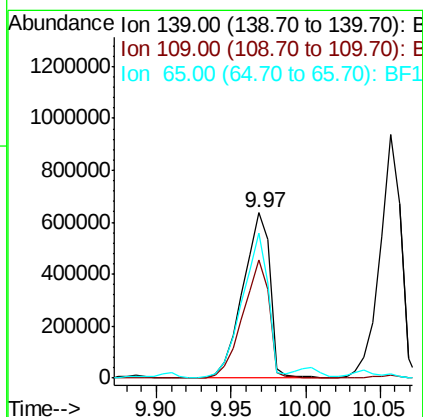
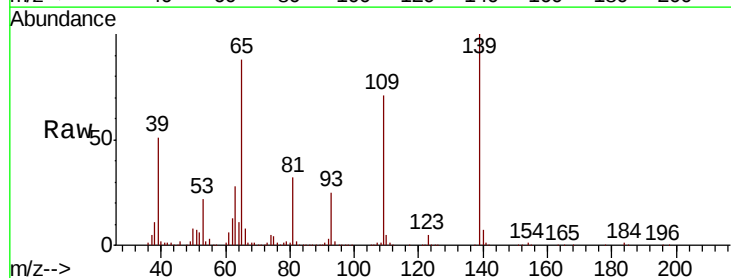
Instrument :
BNA_G
ClientSampleId :

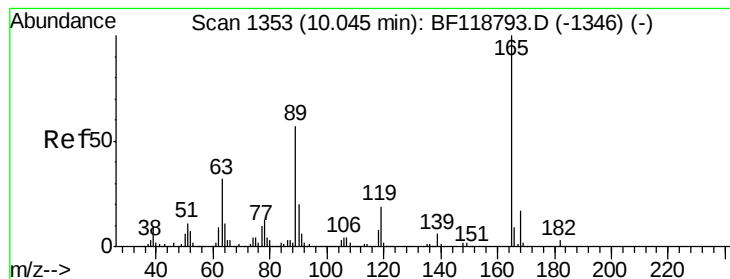
Tot Ion:168 Resp: 2354577
Ion Ratio Lower Upper
168 100
139 40.5 31.6 47.4
169 14.3 11.4 17.2



#56
4-Nitrophenol
Concen: 104.425 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

Tgt Ion:139 Resp: 804364
Ion Ratio Lower Upper
139 100
109 71.3 48.0 88.0
65 87.7 68.3 108.3





#57

2,4-Dinitrotoluene

Concen: 51.821 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Instrument :

BNA_G

ClientSampled :

Tot Ion:165 Resp: 658129

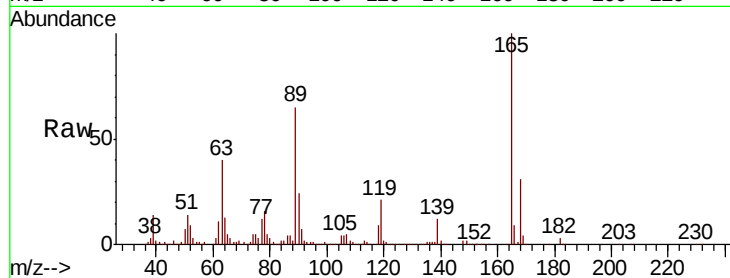
Ion Ratio Lower Upper

165 100

63 40.1 25.5 38.3#

89 65.4 45.4 68.0

182 3.0 2.4 3.6

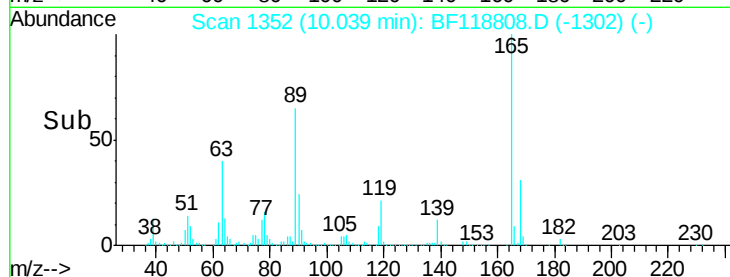


Abundance Ion 165.00 (164.70 to 165.70): E

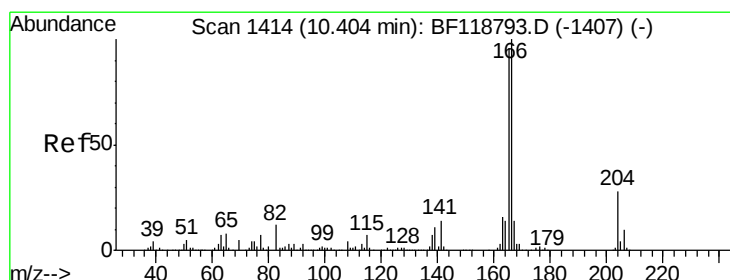
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time--> 9.90 10.00 10.10



#58

Fluorene

Concen: 48.230 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

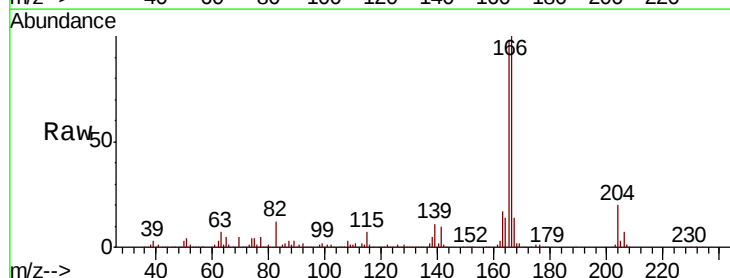
Tgt Ion:166 Resp: 1767250

Ion Ratio Lower Upper

166 100

165 97.7 77.0 115.6

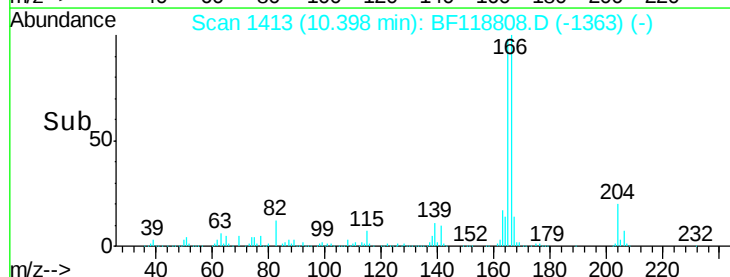
167 13.8 11.1 16.7



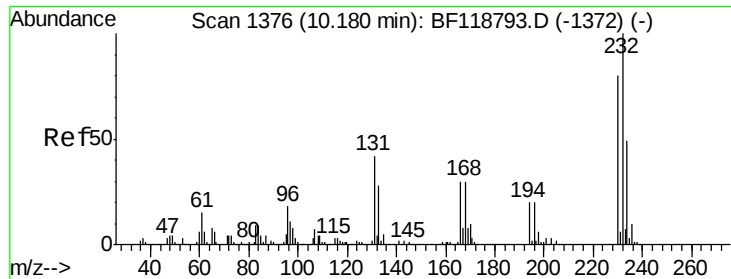
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



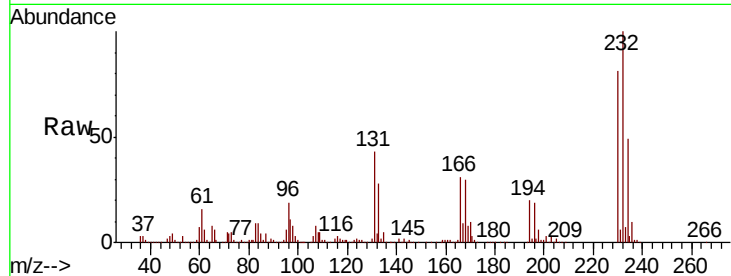
Time--> 10.35 10.40 10.45



#59
2,3,4,6-Tetrachlorophenol
Concen: 50.957 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.5	31.8	47.6
130	2.1	1.6	2.4
166	28.9	23.1	34.7

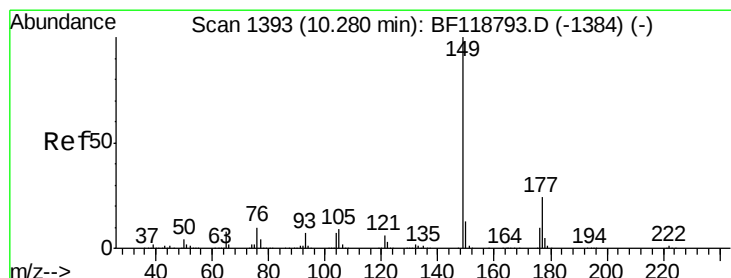
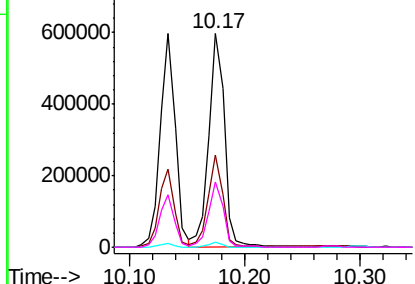
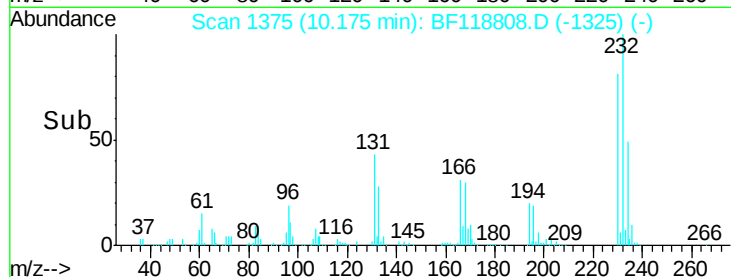


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

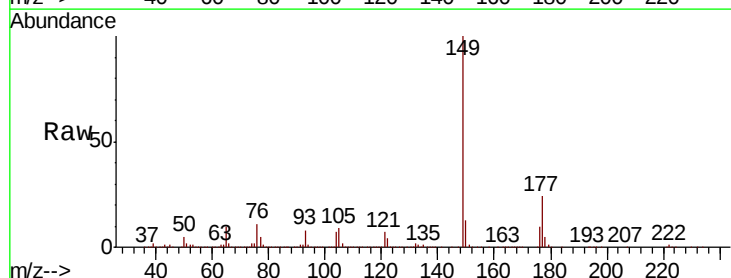
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 49.047 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

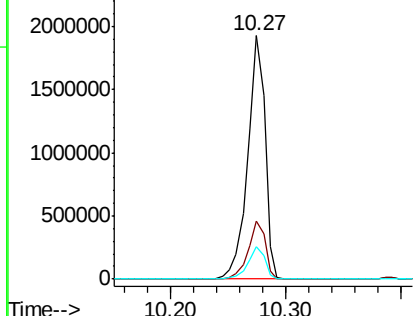
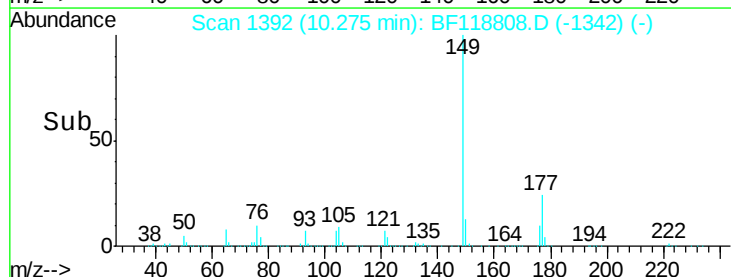
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.3	28.9
150	13.4	10.4	15.6

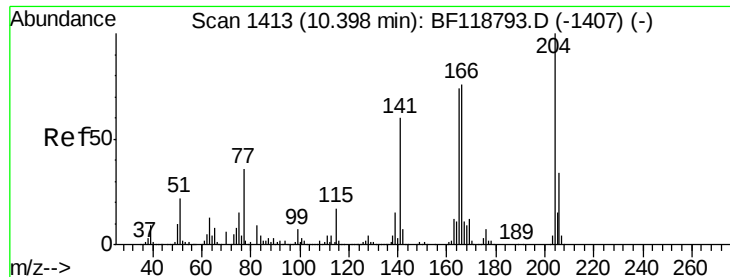


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

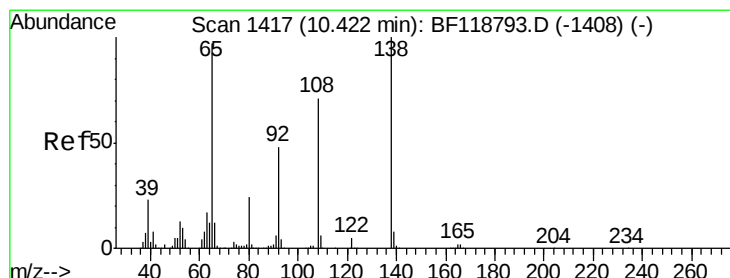
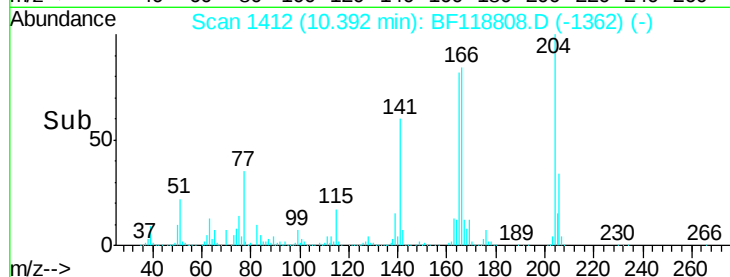
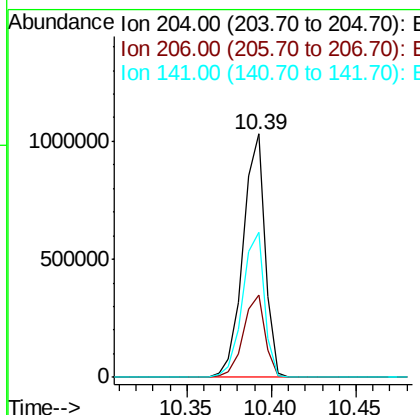
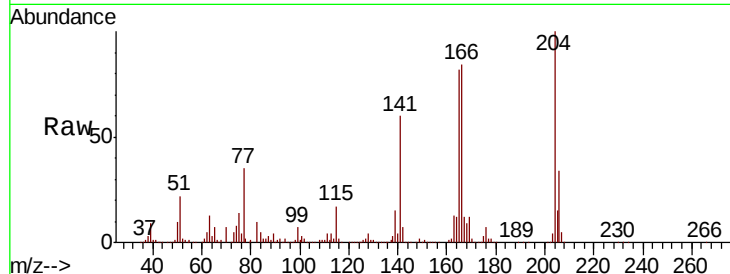




#61
4-Chlorophenyl-phenylether
Concen: 47.123 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

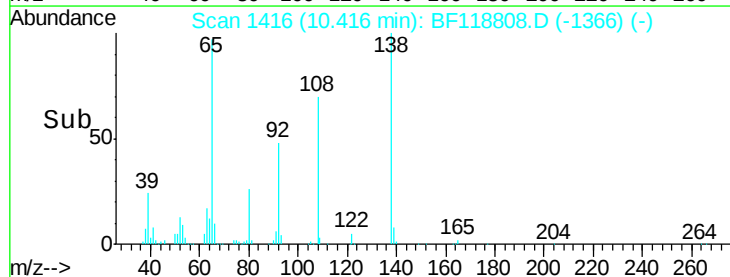
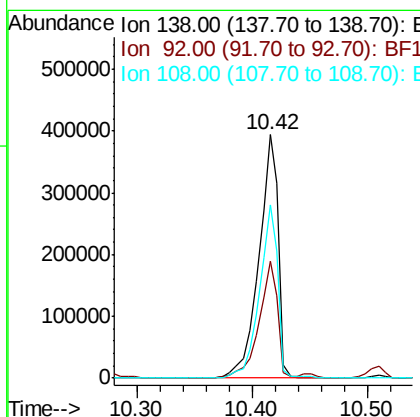
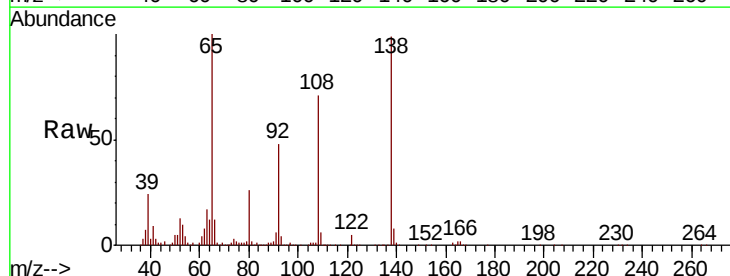
Instrument :
BNA_G
ClientSampled :

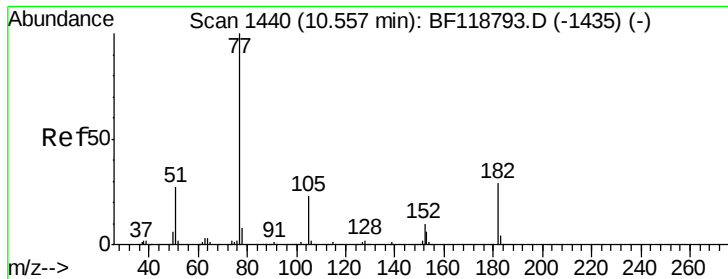
Tot Ion:204 Resp: 936414
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.2
141 59.7 47.8 71.6



#62
4-Nitroaniline
Concen: 43.451 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

Tgt Ion:138 Resp: 463108
Ion Ratio Lower Upper
138 100
92 47.9 27.6 67.6
108 71.4 51.3 91.3





#63

Azobenzene

Concen: 50.596 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

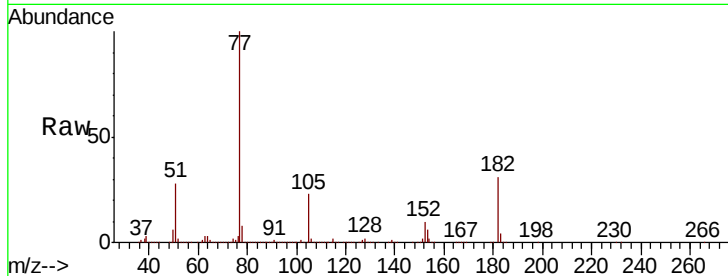
Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Instrument :

BNA_G

ClientSampled :



Tot Ion: 77 Resp: 1761651

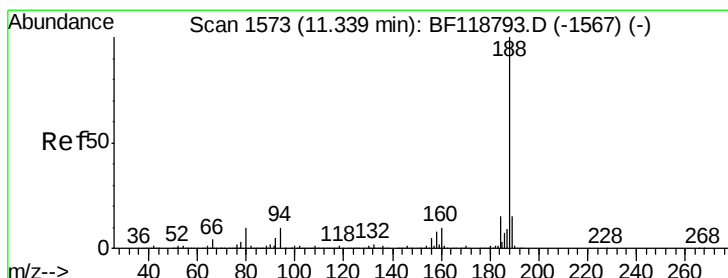
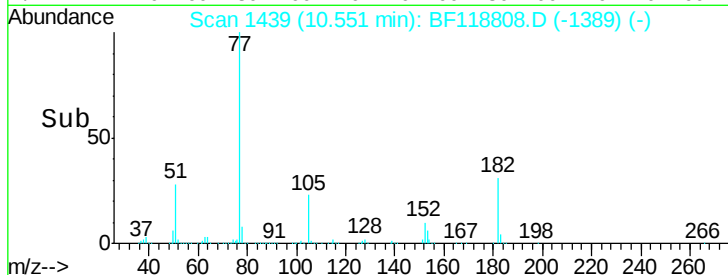
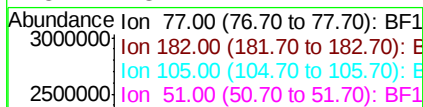
Ion Ratio Lower Upper

77 100

182 30.6 9.2 49.2

105 23.5 3.1 43.1

51 28.4 7.4 47.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

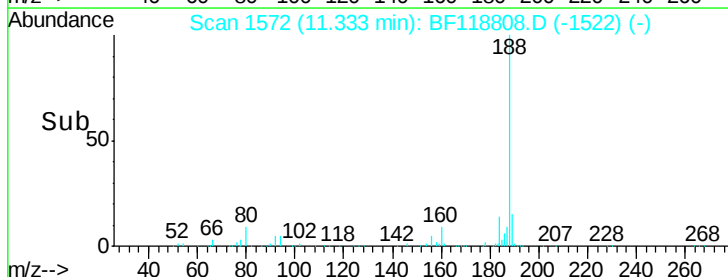
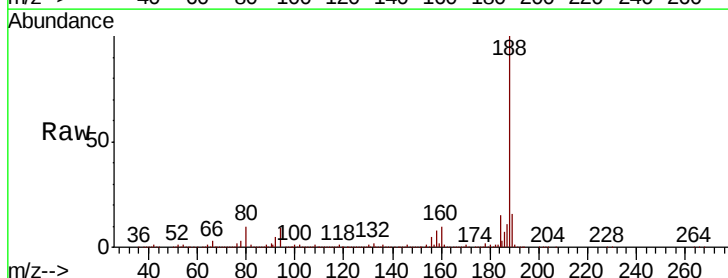
Tgt Ion: 188 Resp: 1179074

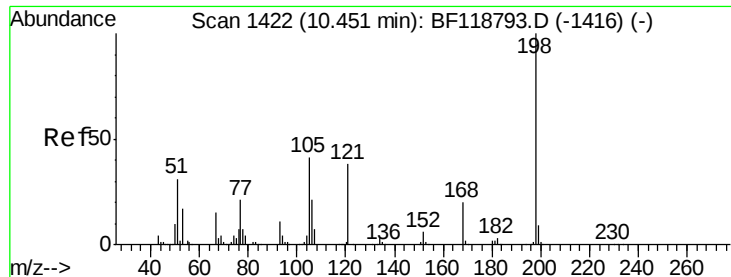
Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

80 9.6 8.4 12.6





#65

4,6-Dinitro-2-methylphenol

Concen: 54.951 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

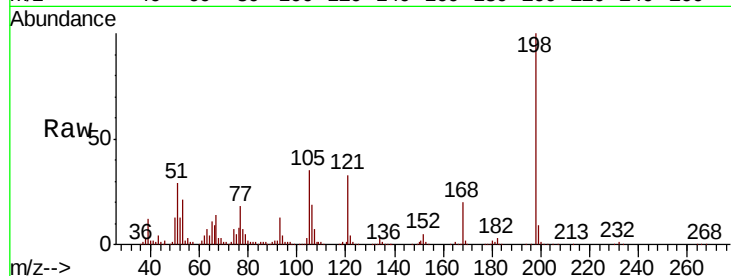
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 364071

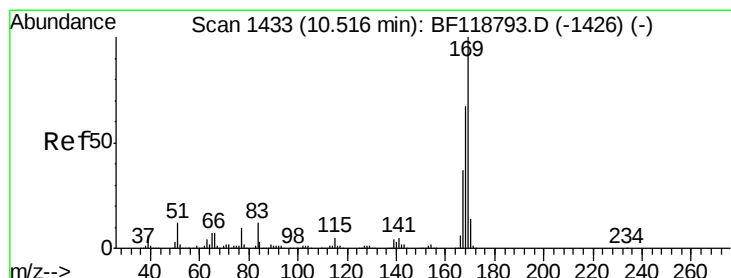
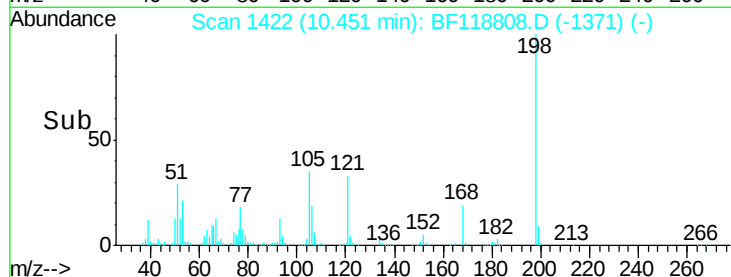
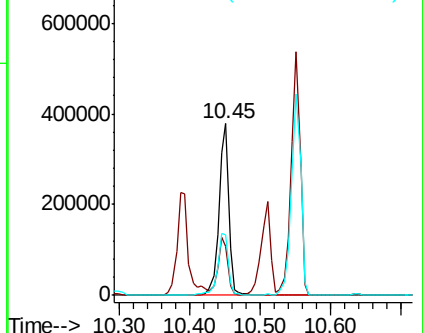
Ion	Ratio	Lower	Upper
198	100		
51	29.0	16.7	56.7
105	35.4	22.0	62.0



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: 49.977 ng

RT: 10.51 min Scan# 1432

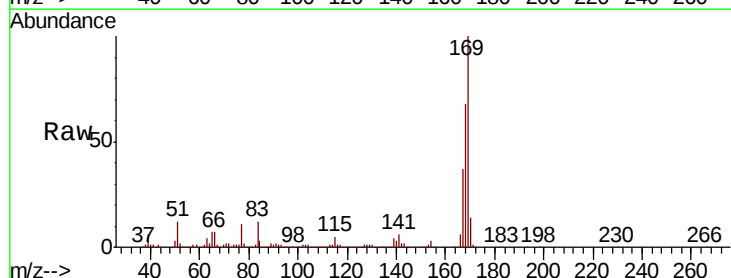
Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Tgt Ion:169 Resp: 1706873

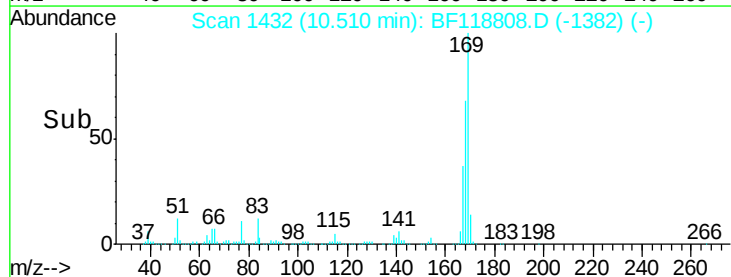
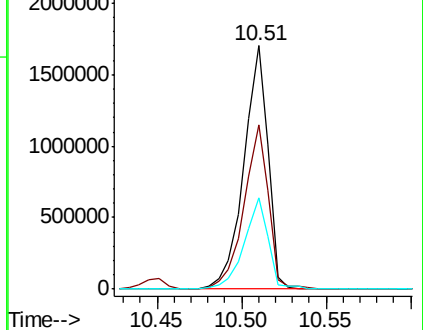
Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.5	80.3
167	37.2	29.3	43.9

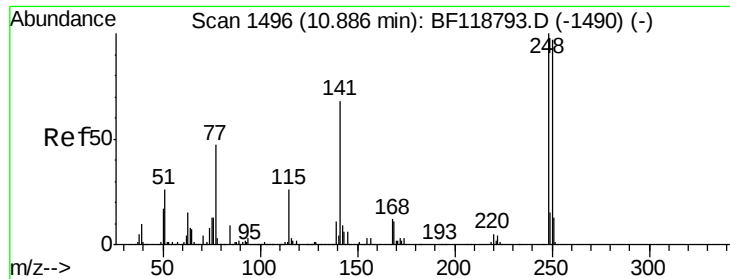


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

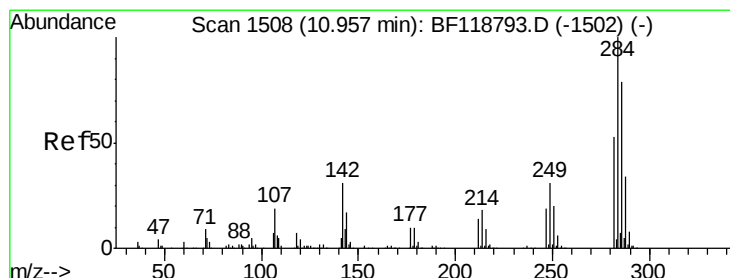
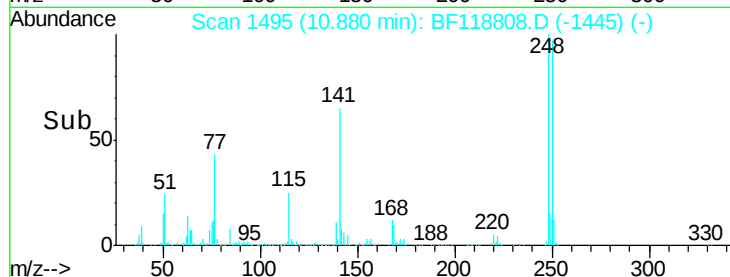
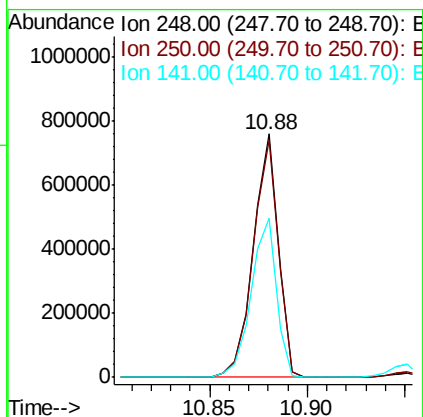
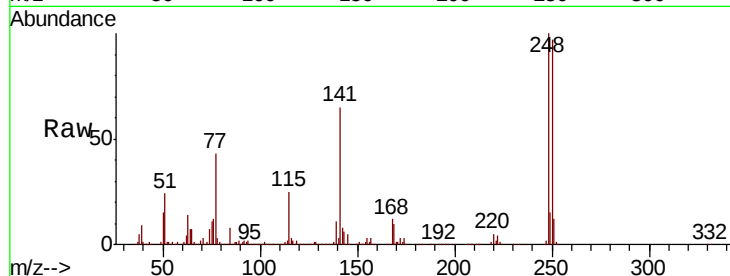




#67
4-Bromophenyl-phenylether
Concen: 48.447 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

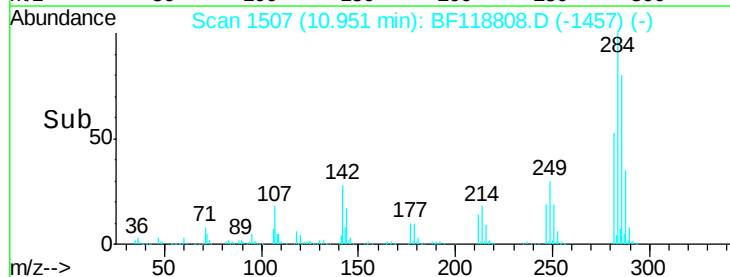
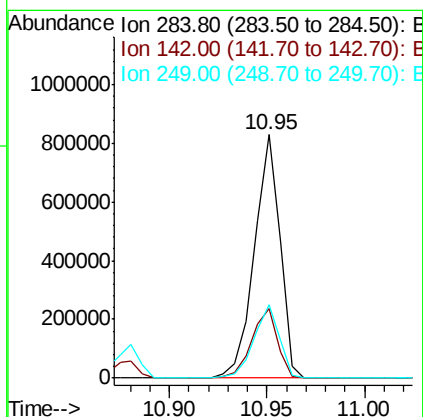
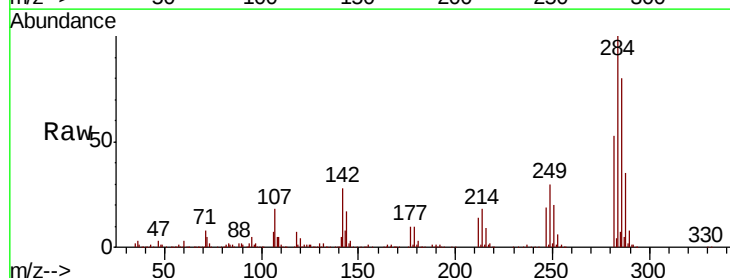
Instrument :
BNA_G
ClientSampleId :

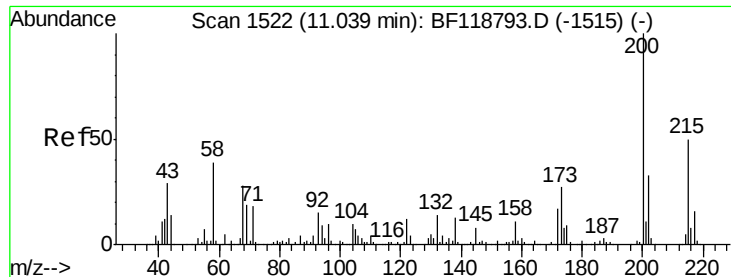
Tot Ion:248 Resp: 675731
Ion Ratio Lower Upper
248 100
250 97.3 77.6 116.4
141 65.3 54.4 81.6



#68
Hexachlorobenzene
Concen: 47.037 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

Tgt Ion:284 Resp: 752511
Ion Ratio Lower Upper
284 100
142 28.4 24.5 36.7
249 30.4 24.7 37.1

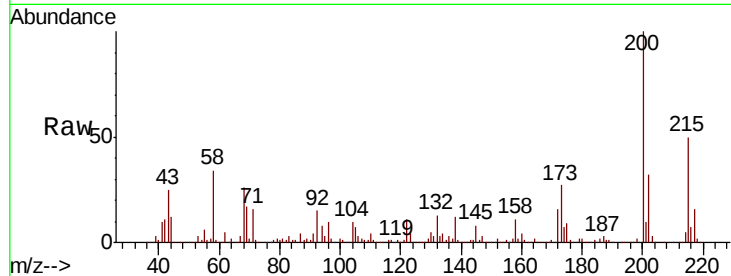




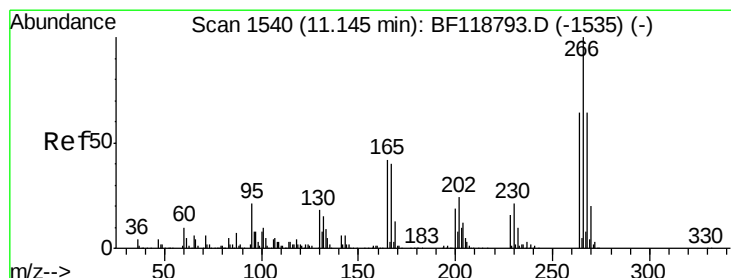
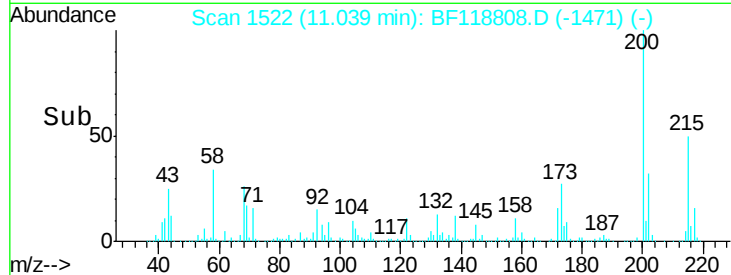
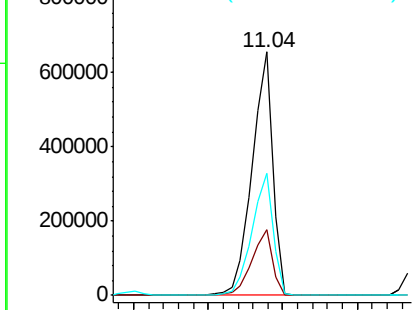
#69
 Atrazine
 Concen: 54.692 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF118808.D
 Acq: 4 Feb 2020 18:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 622302
 Ion Ratio Lower Upper
 200 100
 173 27.1 7.5 47.5
 215 50.1 29.9 69.9

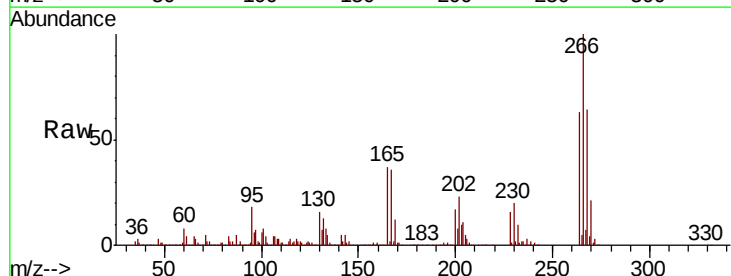


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

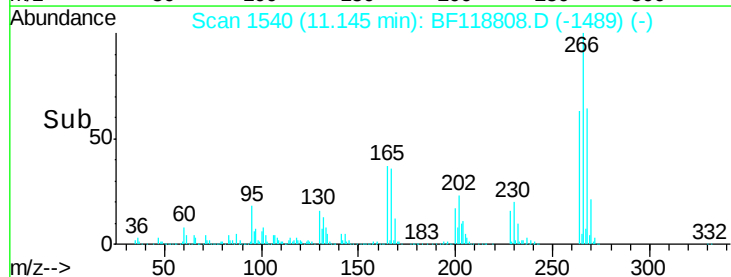
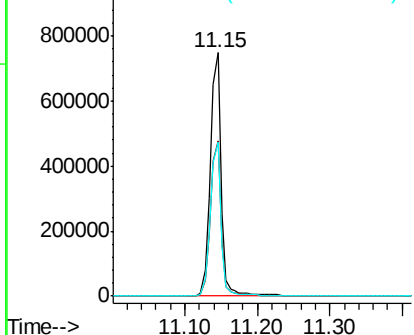


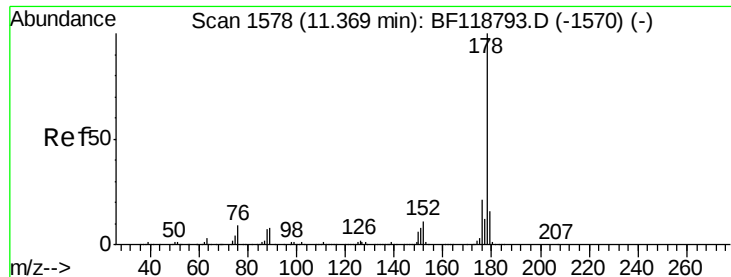
#70
 Pentachlorophenol
 Concen: 92.551 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF118808.D
 Acq: 4 Feb 2020 18:26

Tgt Ion:266 Resp: 781812
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.0 76.6
 264 63.1 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: 46.422 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Instrument :

BNA_G

ClientSampleId :

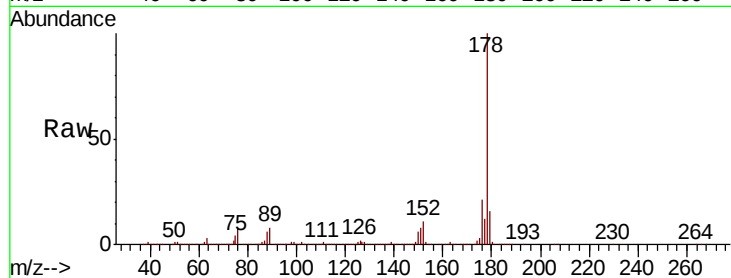
Tot Ion:178 Resp: 2693070

Ion Ratio Lower Upper

178 100

176 21.0 16.6 24.8

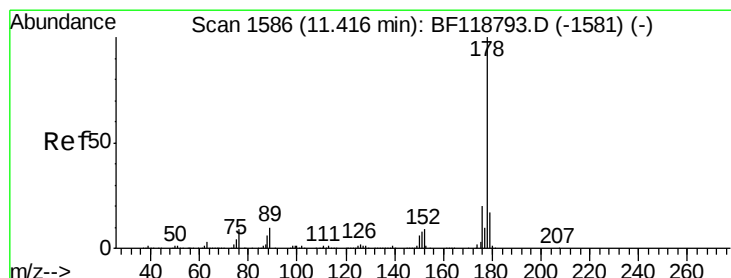
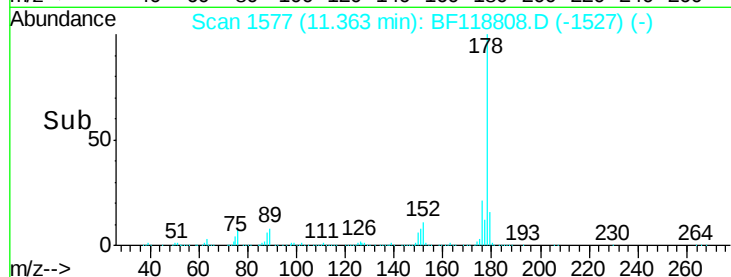
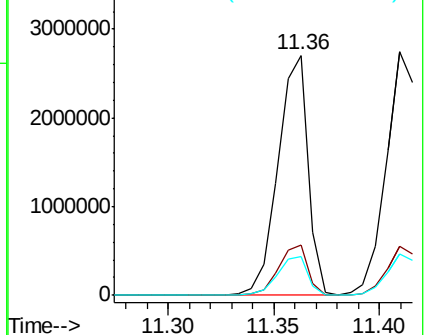
179 16.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.198 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

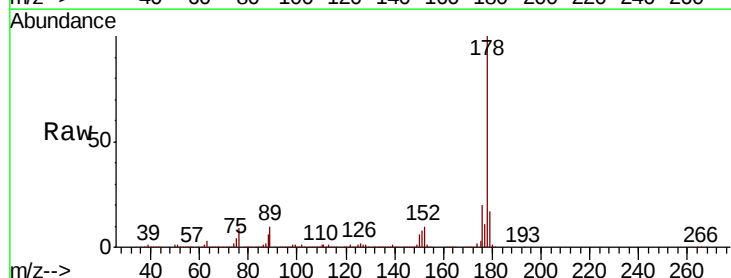
Tgt Ion:178 Resp: 2781595

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.2

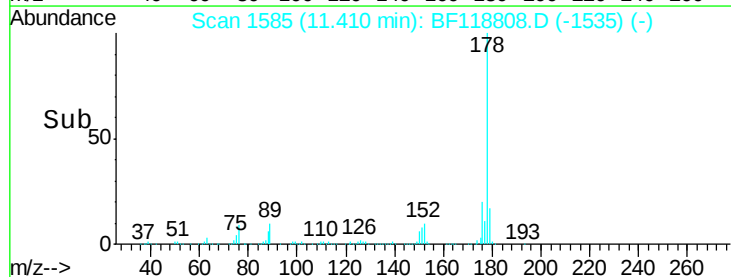
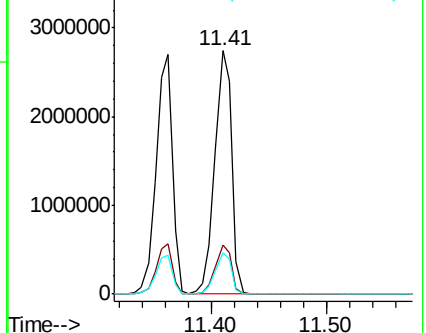
179 17.1 13.4 20.2

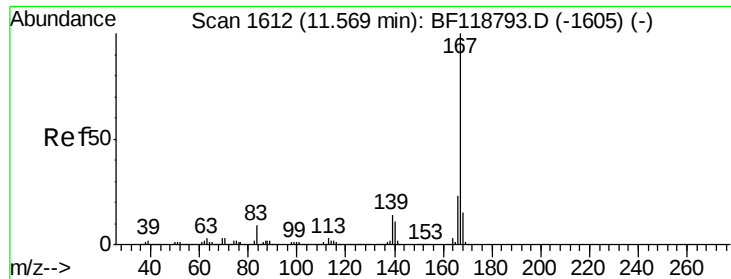


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

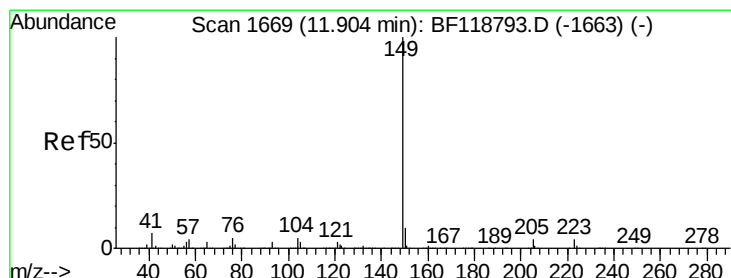
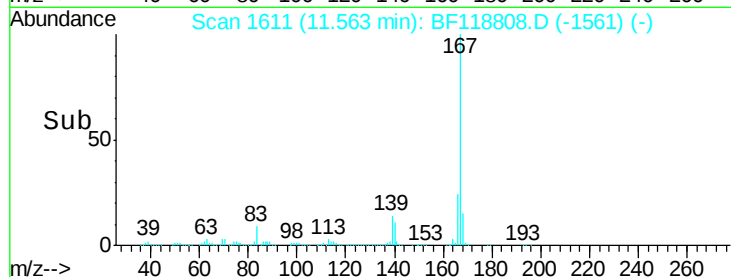
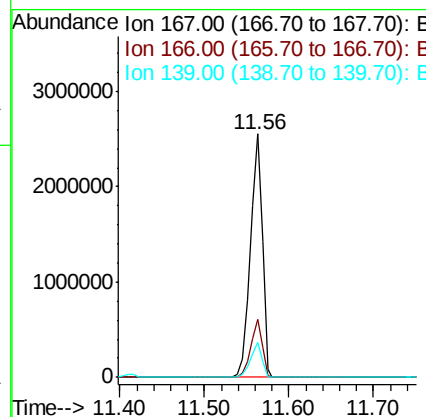
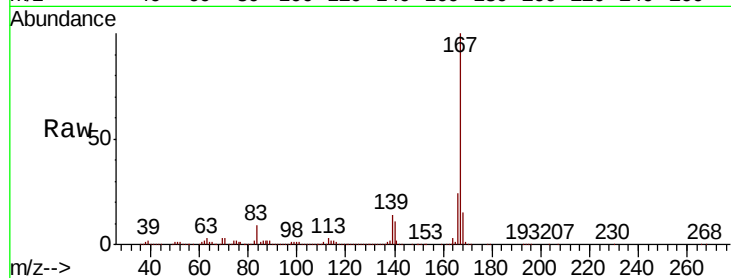




#73
 Carbazole
 Concen: 48.326 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF118808.D
 Acq: 4 Feb 2020 18:26

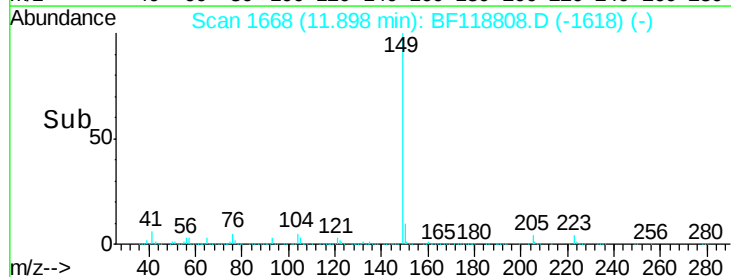
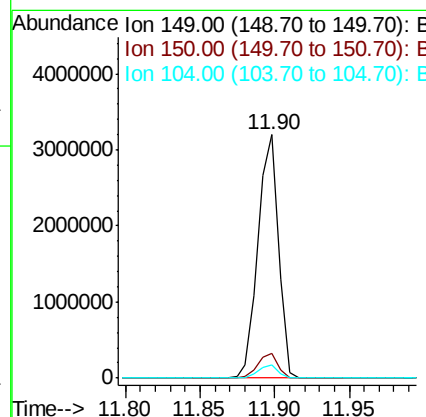
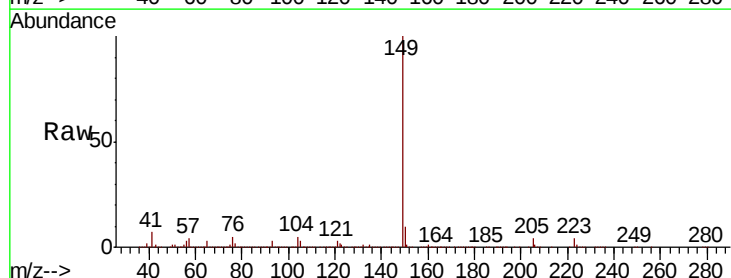
Instrument :
 BNA_G
 ClientSampleId :

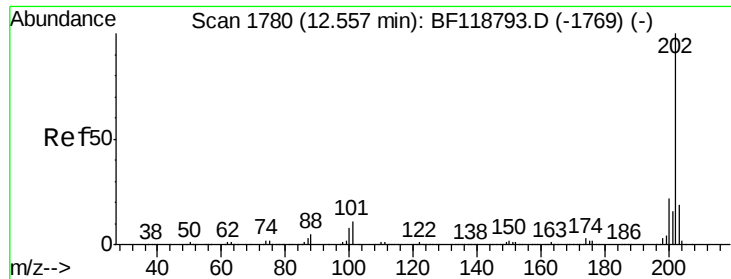
Tot Ion:167 Resp: 2447630
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.4 27.6
 139 14.2 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 46.602 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF118808.D
 Acq: 4 Feb 2020 18:26

Tgt Ion:149 Resp: 3006755
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.1 12.1
 104 5.4 4.3 6.5

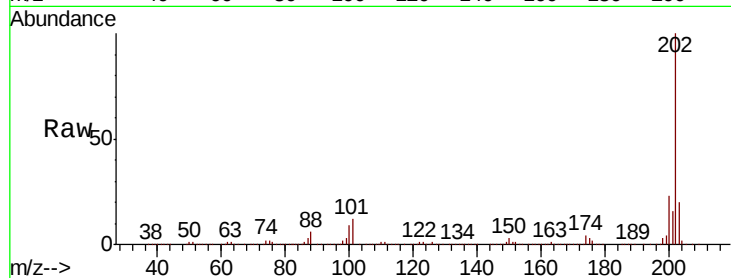




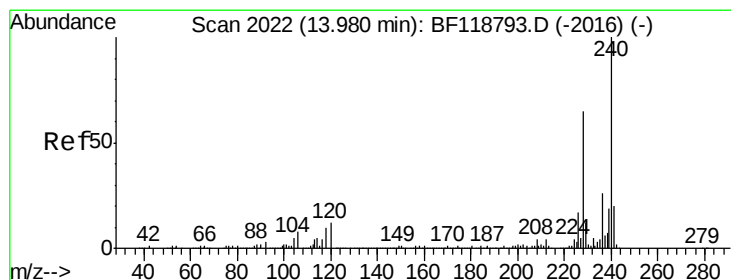
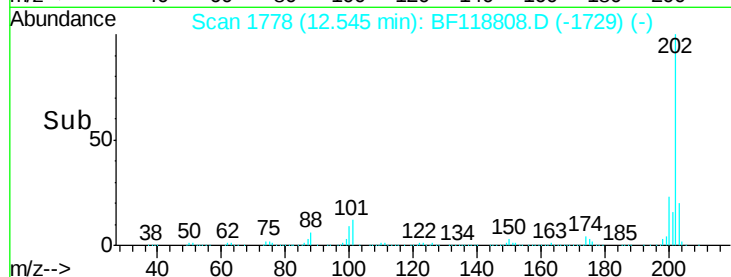
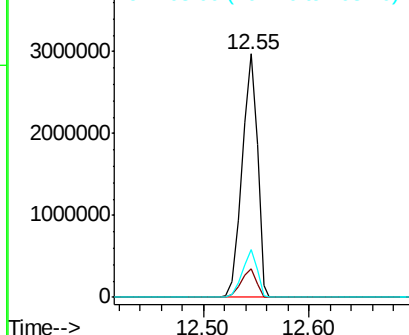
#75
 Fluoranthene
 Concen: 46.371 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BF118808.D
 Acq: 4 Feb 2020 18:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:202 Resp: 2937119
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 31.0
 203 19.6 0.0 38.7

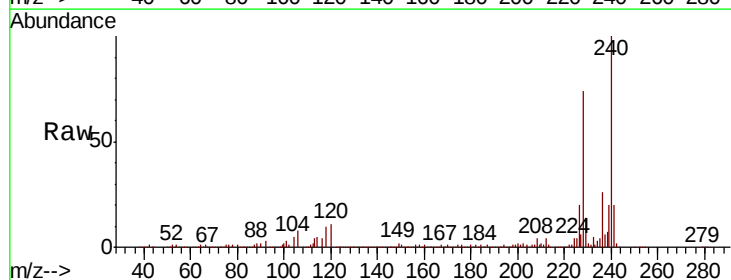


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

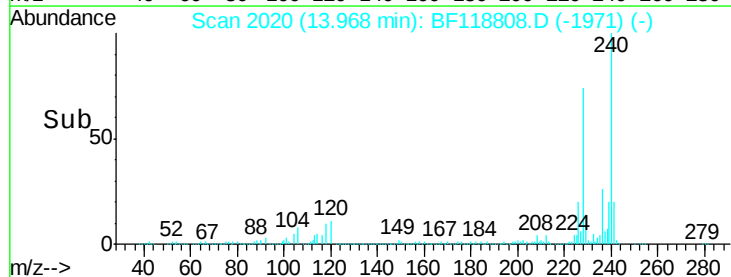
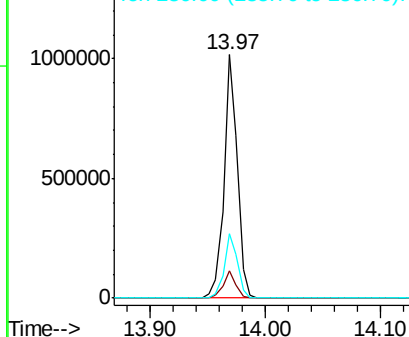


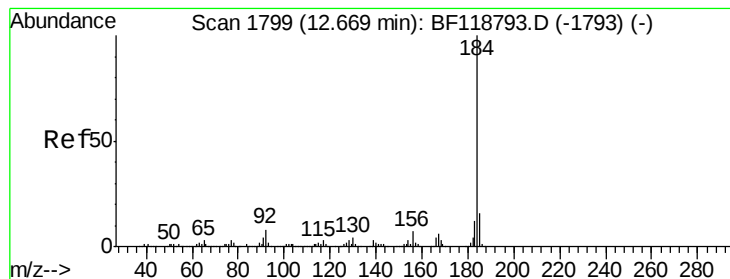
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF118808.D
 Acq: 4 Feb 2020 18:26

Tgt Ion:240 Resp: 811845
 Ion Ratio Lower Upper
 240 100
 120 11.1 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: 51.212 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Instrument :

BNA_G

ClientSampleId :

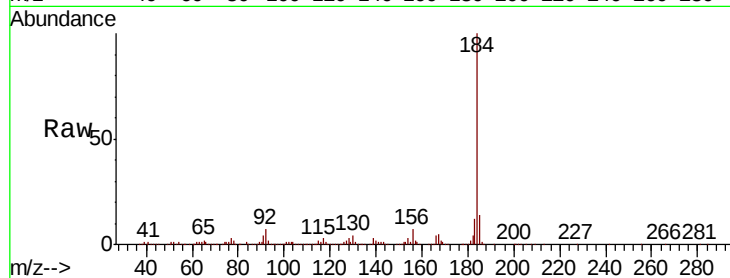
Tot Ion:184 Resp: 1257499

Ion Ratio Lower Upper

184 100

185 14.3 12.5 18.7

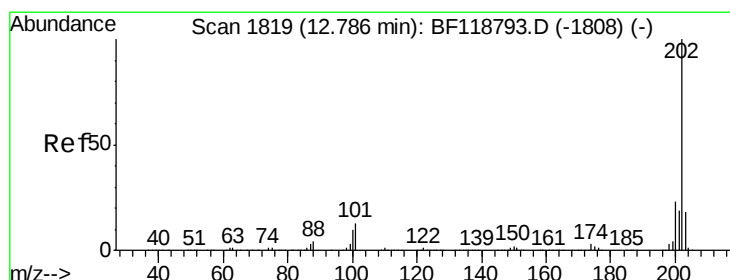
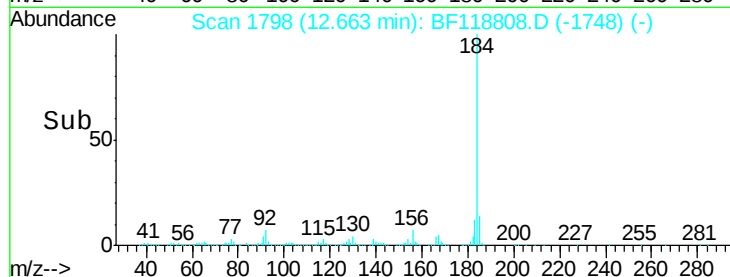
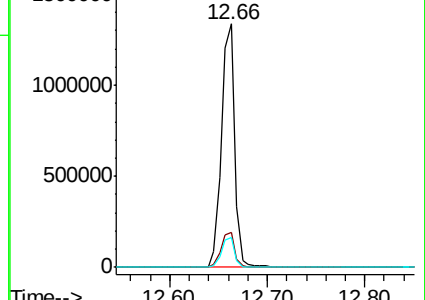
183 12.2 9.7 14.5



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: 51.731 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

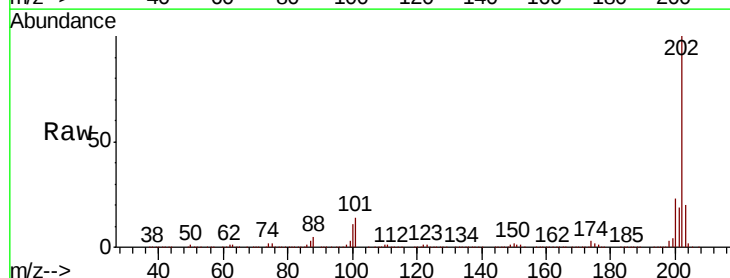
Tgt Ion:202 Resp: 2881153

Ion Ratio Lower Upper

202 100

200 23.2 18.2 27.2

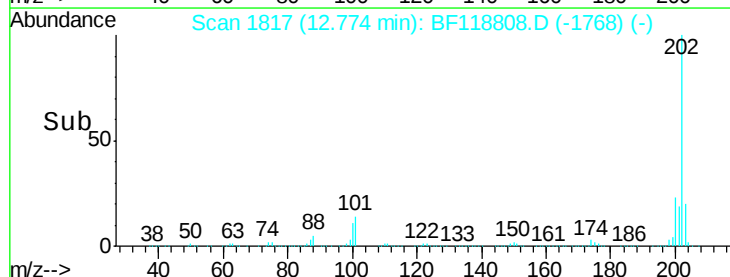
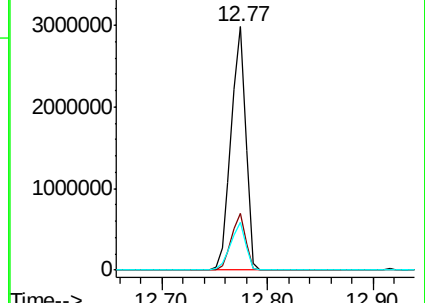
203 19.5 14.8 22.2

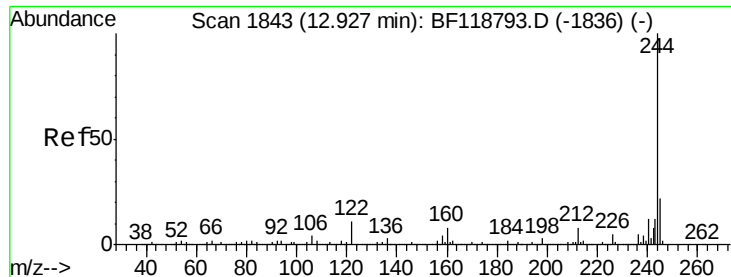


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.677 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Instrument :

BNA_G

ClientSampleId :

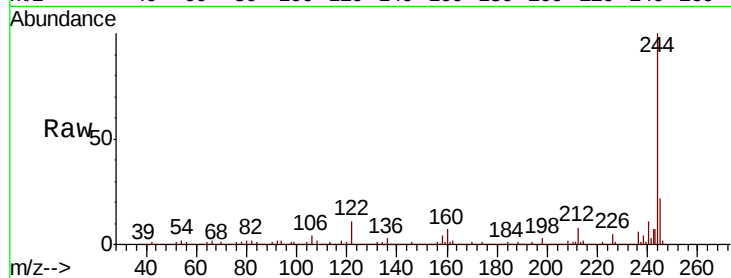
Tot Ion:244 Resp: 3544408

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

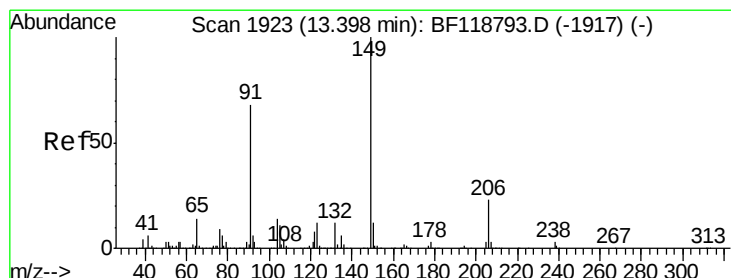
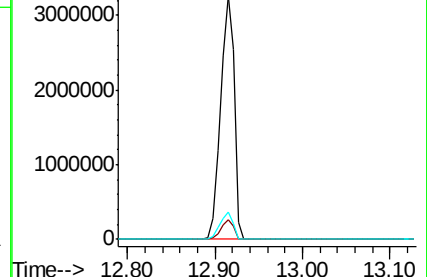
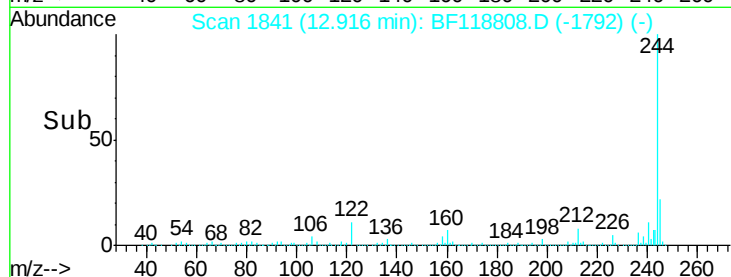
122 11.1 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.928 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

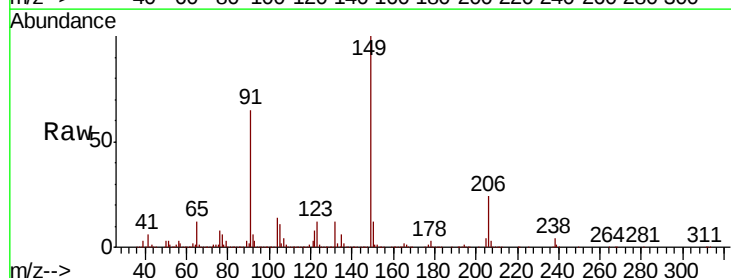
Tgt Ion:149 Resp: 1320037

Ion Ratio Lower Upper

149 100

91 65.1 54.7 82.1

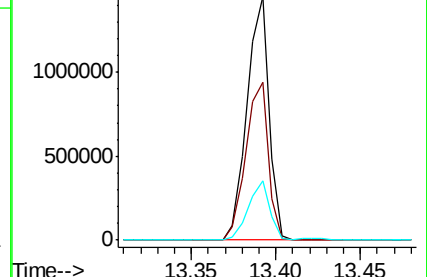
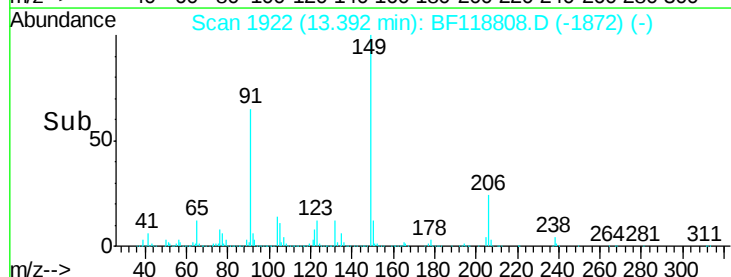
206 24.1 18.5 27.7

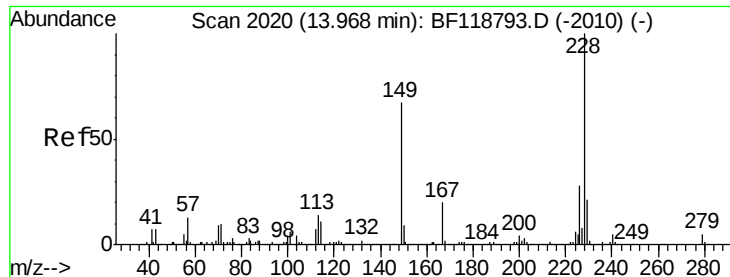


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.642 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Instrument :

BNA_G

ClientSampleId :

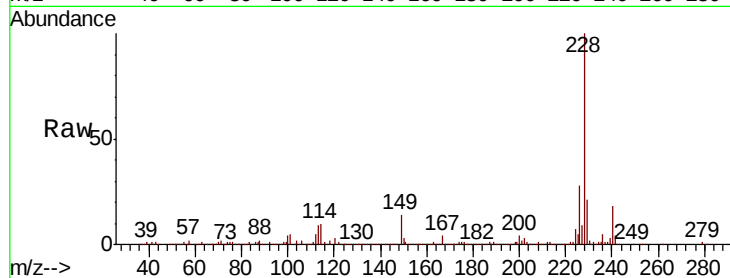
Tot Ion:228 Resp: 2349898

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.7	34.1
229	20.6	16.6	25.0

228 100

226 28.0 22.7 34.1

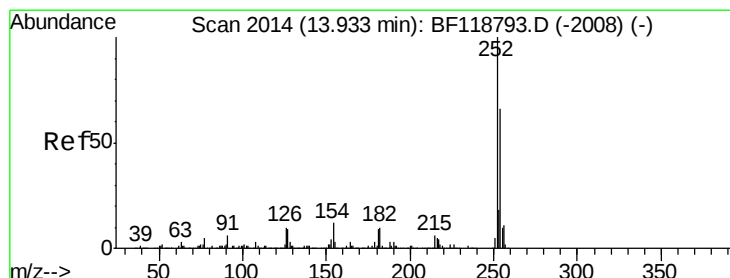
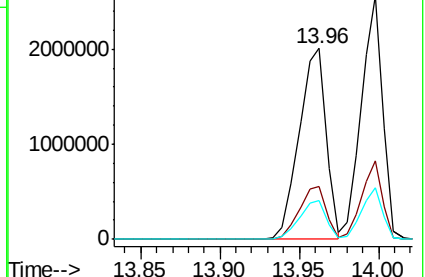
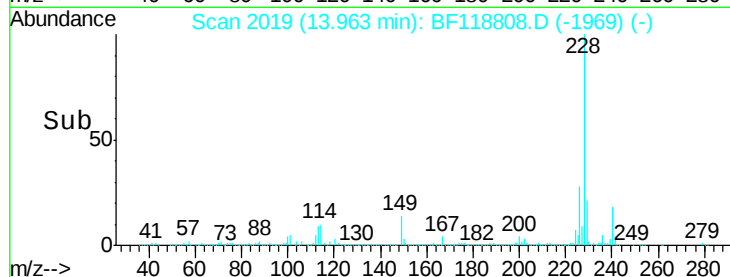
229 20.6 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.944 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.02 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

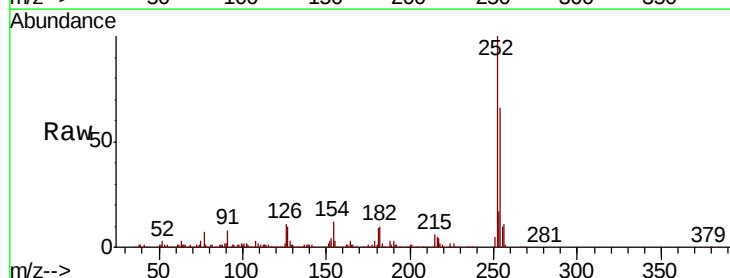
Tgt Ion:252 Resp: 532377

Ion	Ratio	Lower	Upper
252	100		
254	65.8	52.4	78.6
126	10.7	7.8	11.8

252 100

254 65.8 52.4 78.6

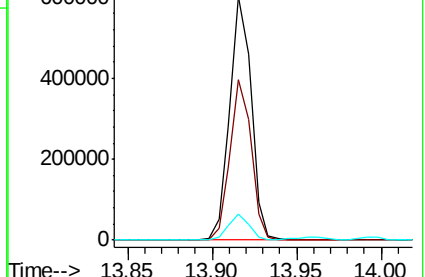
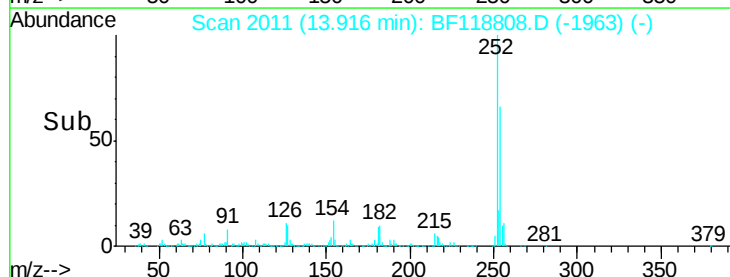
126 10.7 7.8 11.8

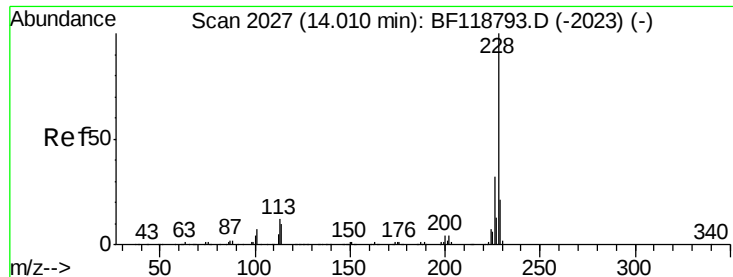


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.771 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Instrument :

BNA_G

ClientSampleId :

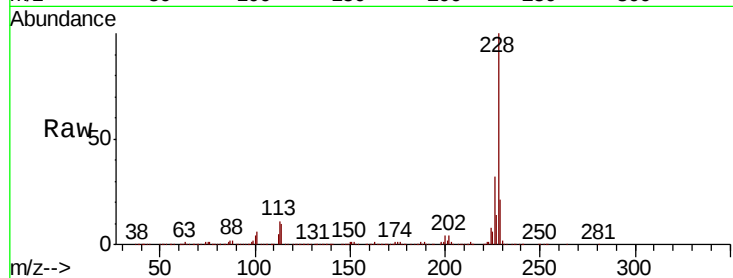
Tot Ion:228 Resp: 2413184

Ion Ratio Lower Upper

228 100

226 32.4 25.4 38.0

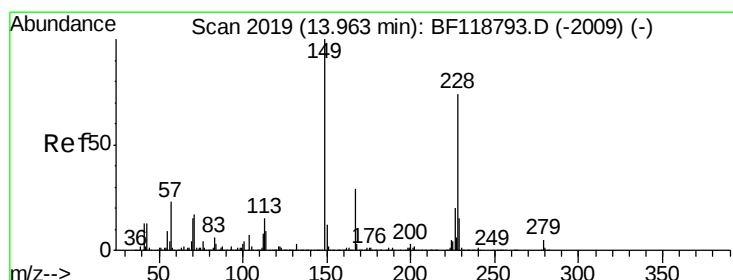
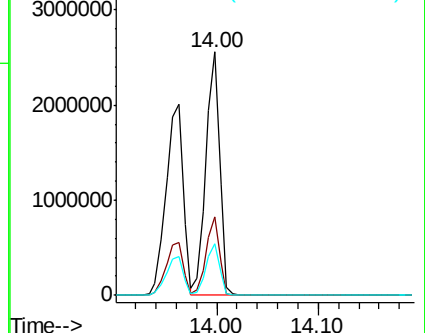
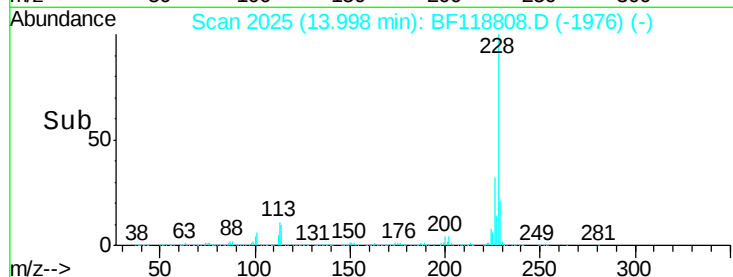
229 21.3 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.373 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

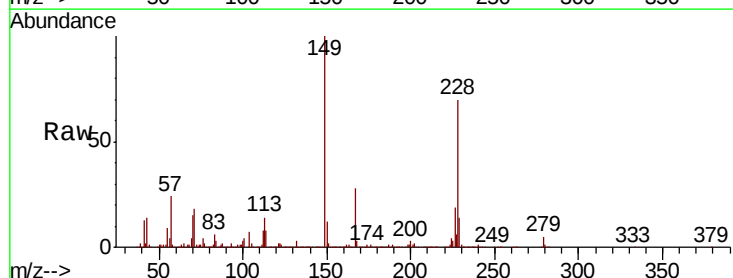
Tgt Ion:149 Resp: 1656872

Ion Ratio Lower Upper

149 100

167 28.4 23.0 34.6

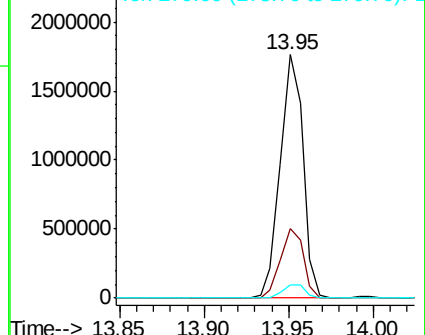
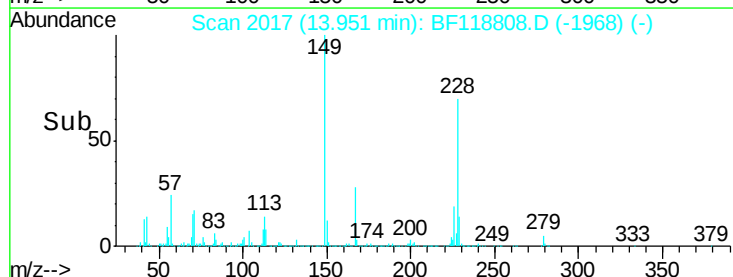
279 5.3 4.4 6.6

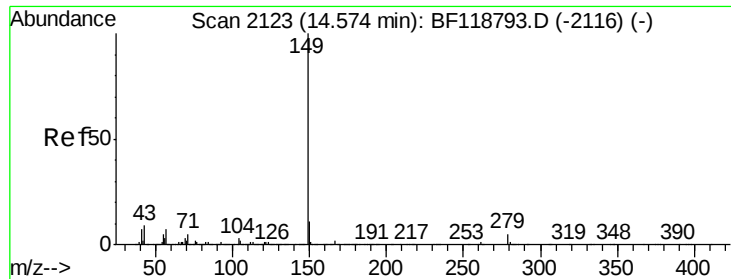


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

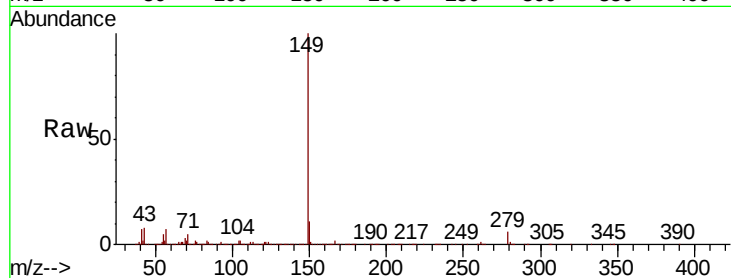




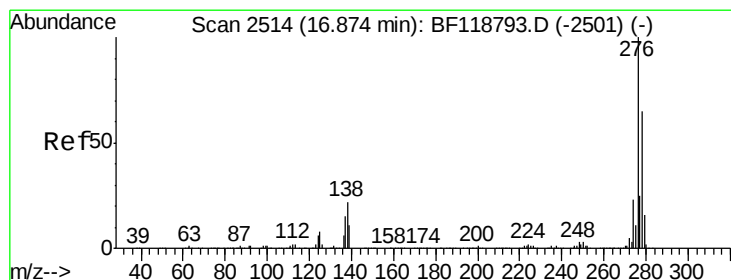
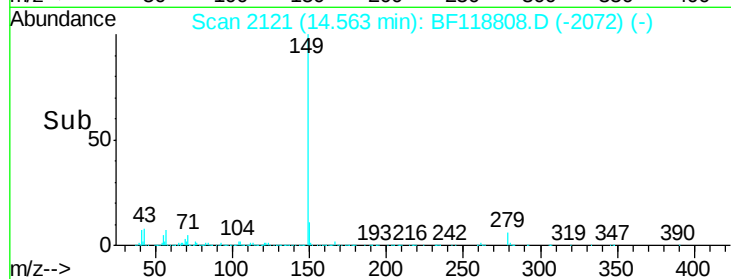
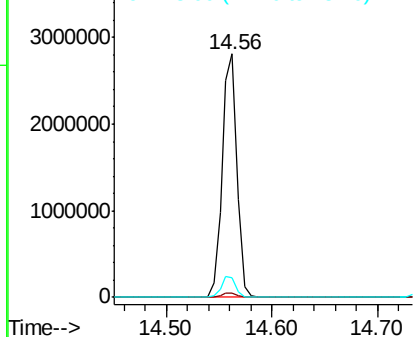
#85
Di-n-octyl phthalate
Concen: 49.686 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 2745220
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.4 6.6 10.0

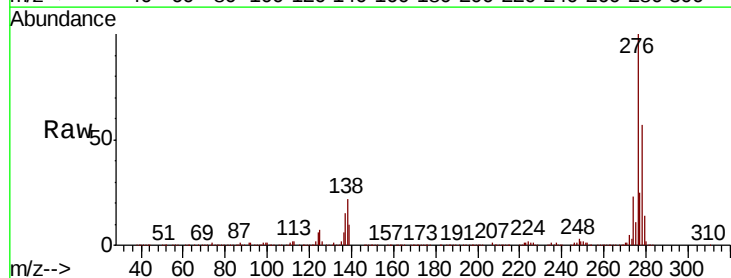


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

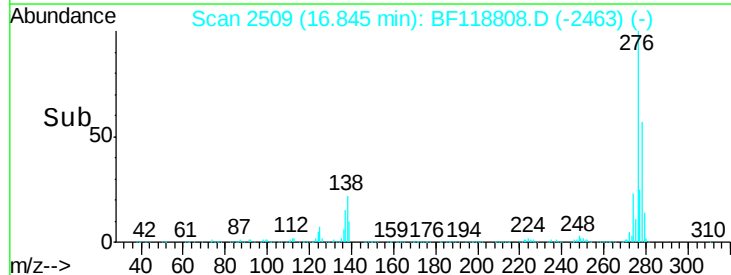
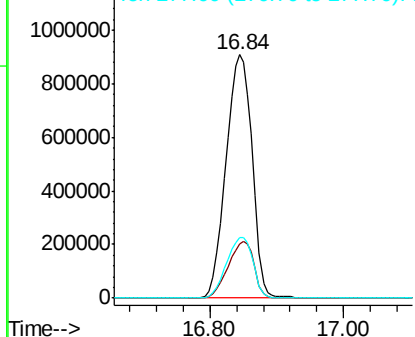


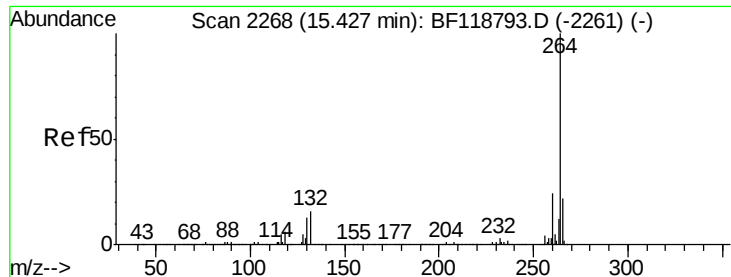
#86
Indeno(1,2,3-cd)pyrene
Concen: 51.418 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.03 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

Tgt Ion:276 Resp: 2504861
Ion Ratio Lower Upper
276 100
138 23.2 18.3 27.5
277 25.6 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

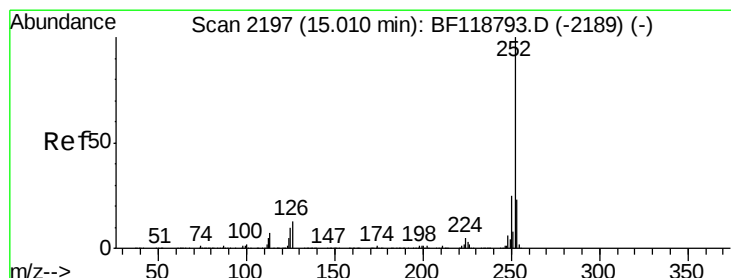
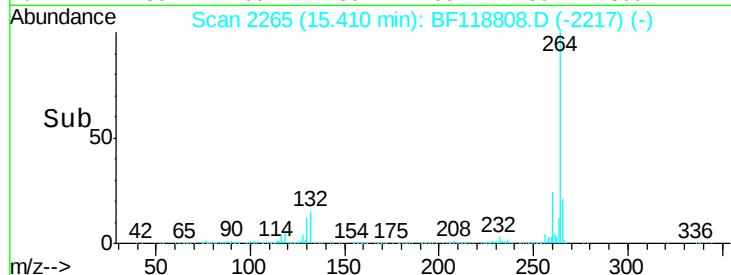
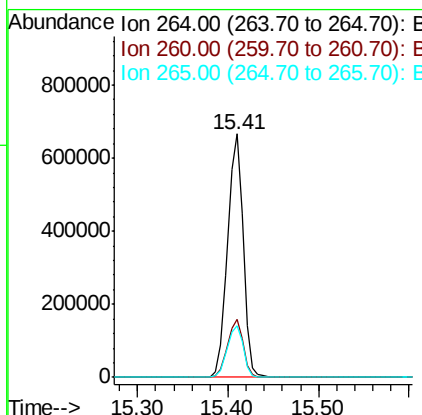
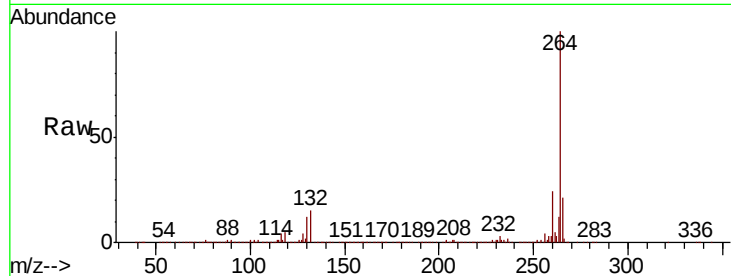




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

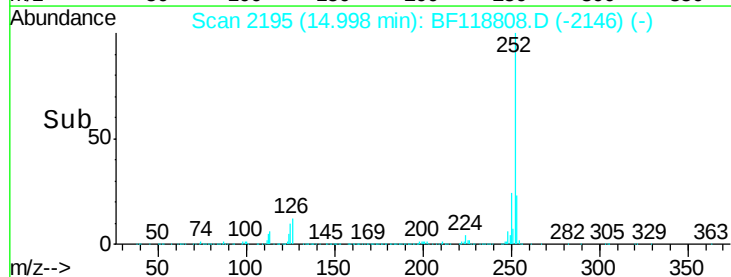
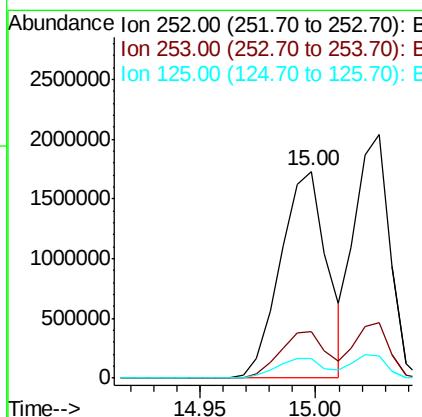
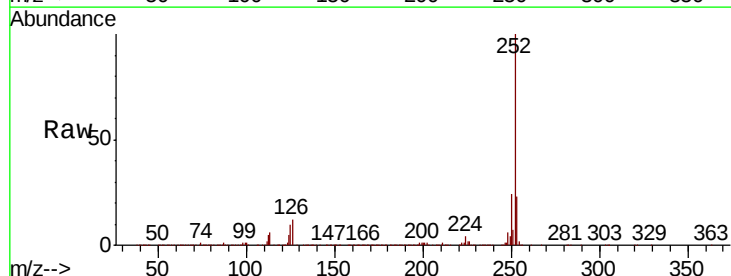
Instrument :
BNA_G
ClientSampled :

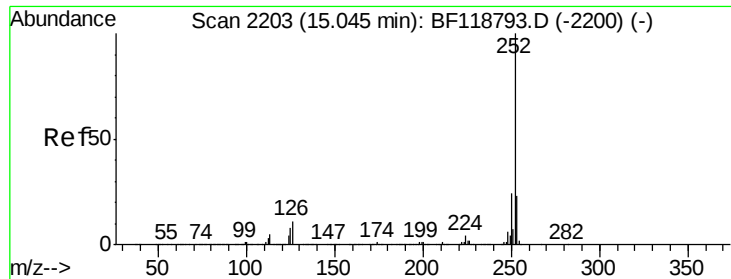
Tot Ion:264 Resp: 799891
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.4 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 48.915 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

Tgt Ion:252 Resp: 2427894
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 9.7 8.1 12.1

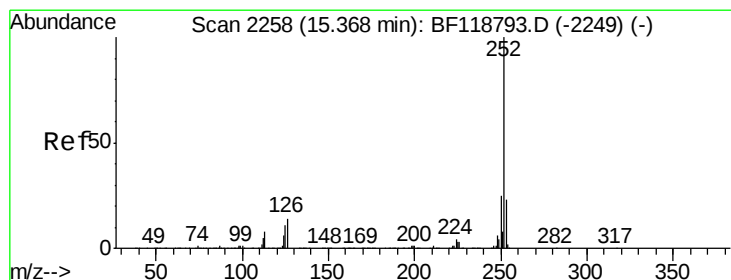
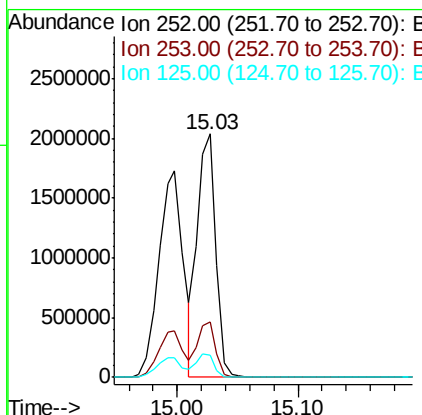
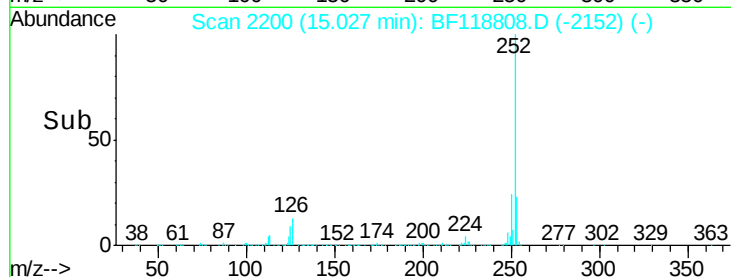
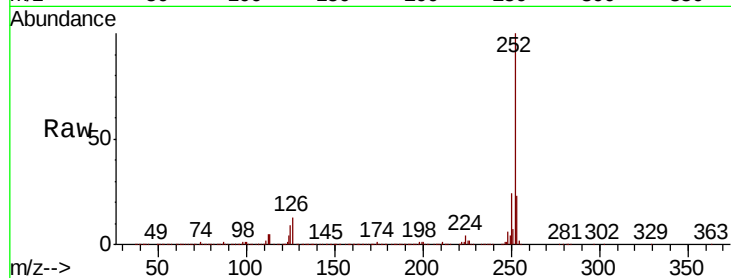




#89
Benzo(k)fluoranthene
Concen: 50.007 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

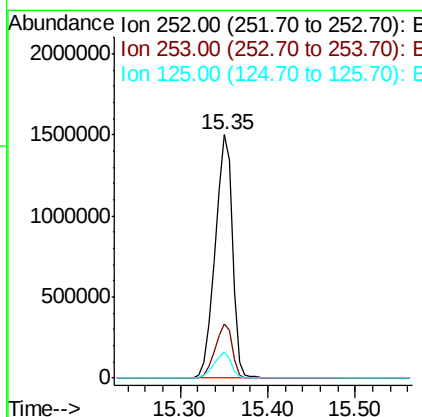
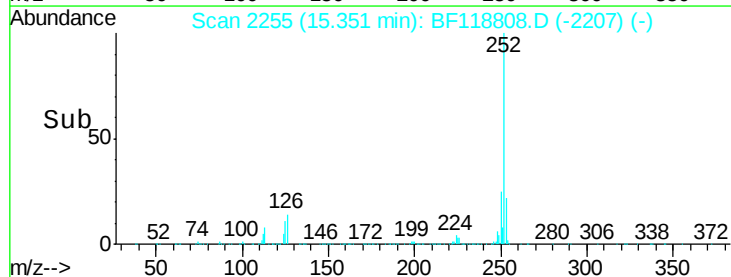
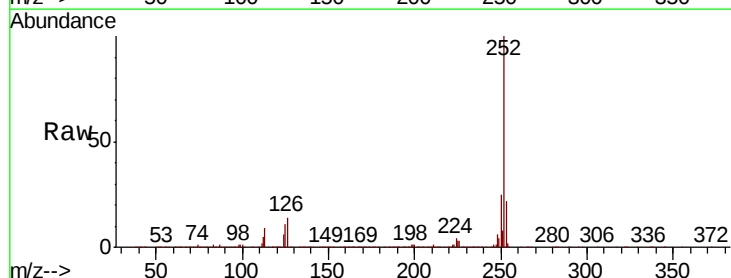
Instrument :
BNA_G
ClientSampled :

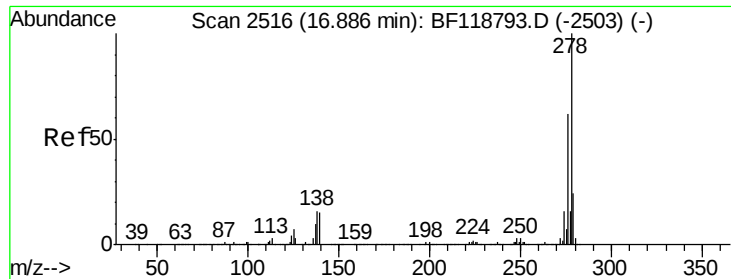
Tot Ion:252 Resp: 2161391
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 9.1 7.0 10.6



#90
Benzo(a)pyrene
Concen: 48.749 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.02 min
Lab File: BF118808.D
Acq: 4 Feb 2020 18:26

Tgt Ion:252 Resp: 2070757
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 10.9 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 54.666 ng

RT: 16.86 min Scan# 2512

Delta R.T. -0.02 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

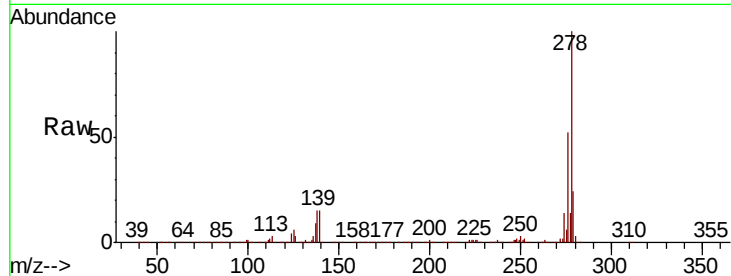
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 2061386

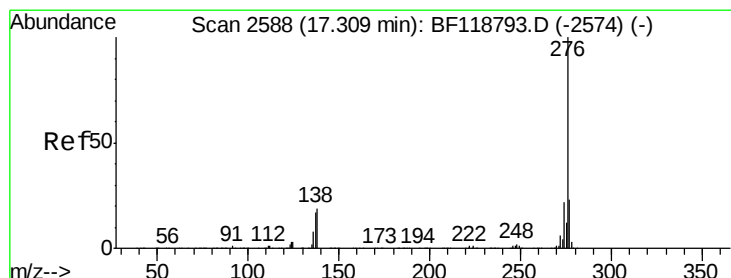
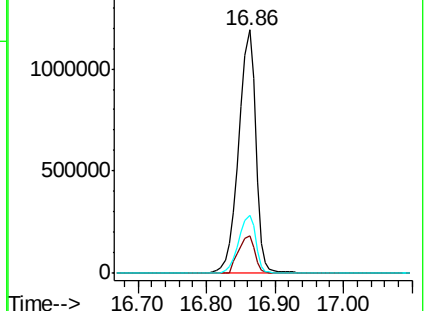
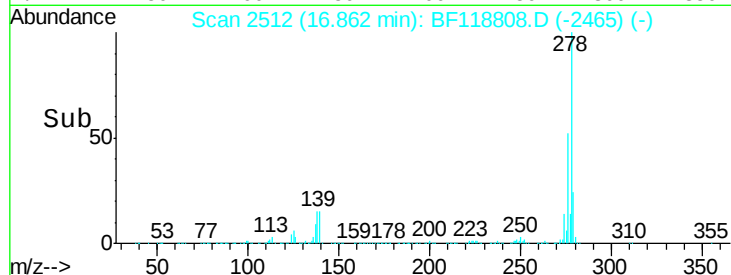
Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.3	18.5
279	24.0	19.1	28.7



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: 58.265 ng

RT: 17.28 min Scan# 2583

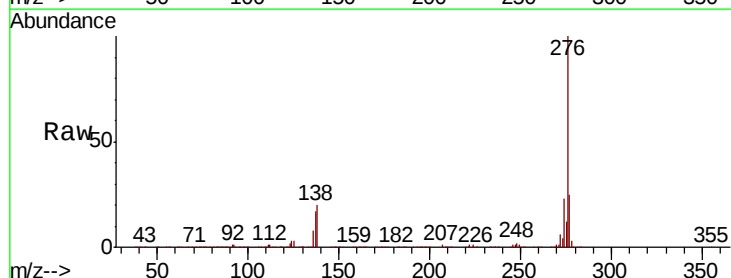
Delta R.T. -0.03 min

Lab File: BF118808.D

Acq: 4 Feb 2020 18:26

Tgt Ion:276 Resp: 2113000

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.7	28.1
138	20.1	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

