

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118810.D
 Acq On : 4 Feb 2020 19:21
 Operator : CG/JU
 Sample : L1377-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 05 06:33:10 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	265875	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1024140	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	587118	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1094775	20.00	ng	0.00
76) Chrysene-d12	13.97	240	703210	20.00	ng	-0.01
87) Perylene-d12	15.41	264	701894	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	958977	68.28	ng	0.00
7) Phenol-d6	6.44	99	767421	44.01	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1594699	92.81	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	712149	101.37	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3170971	96.55	ng	0.00
79) Terphenyl-d14	12.92	244	3849343	112.44	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.60	88	181471	28.350	ng	99
3) Pyridine	3.34	79	423007	23.799	ng	99
4) n-Nitrosodimethylamine	3.27	42	205200	31.709	ng	99
6) Aniline	6.47	93	786282	35.014	ng	99
8) 2-Chlorophenol	6.60	128	823492	52.638	ng	100
9) Benzaldehyde	6.36	77	453391	48.648	ng	97
10) Phenol	6.46	94	511338	26.375	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	751526	50.668	ng	99
12) 1,3-Dichlorobenzene	6.76	146	782850	42.039	ng	97
13) 1,4-Dichlorobenzene	6.83	146	795855	42.846	ng	98
14) 1,2-Dichlorobenzene	6.99	146	749215	42.224	ng	99
15) Benzyl Alcohol	6.95	79	615203	45.648	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	873248	48.076	ng	99
17) 2-Methylphenol	7.07	107	611757	47.034	ng	99
18) Hexachloroethane	7.33	117	269725	40.458	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	555060	52.030	ng	96
20) 3+4-Methylphenols	7.22	107	652254	40.008	ng	# 87
22) Acetophenone	7.22	105	1052453	47.300	ng	98
24) Nitrobenzene	7.39	77	830413	48.379	ng	99
25) Isophorone	7.64	82	1626887	52.684	ng	98
26) 2-Nitrophenol	7.71	139	472624	51.673	ng	99
27) 2,4-Dimethylphenol	7.75	122	728947	58.669	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	988466	49.364	ng	99
29) 2,4-Dichlorophenol	7.95	162	764558	51.383	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	746751	42.937	ng	100
31) Naphthalene	8.12	128	2186034	46.670	ng	100
32) Benzoic acid	7.84	122	186976	18.176	ng	99
33) 4-Chloroaniline	8.16	127	578588	27.610	ng	98
34) Hexachlorobutadiene	8.24	225	421075	39.518	ng	99
35) Caprolactam	8.53	113	36531	7.573	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	769855	51.412	ng	98
37) 2-Methylnaphthalene	8.81	142	1581905	48.695	ng	98
38) 1-Methylnaphthalene	8.91	142	1497695	49.009	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	782055	44.135	ng	99

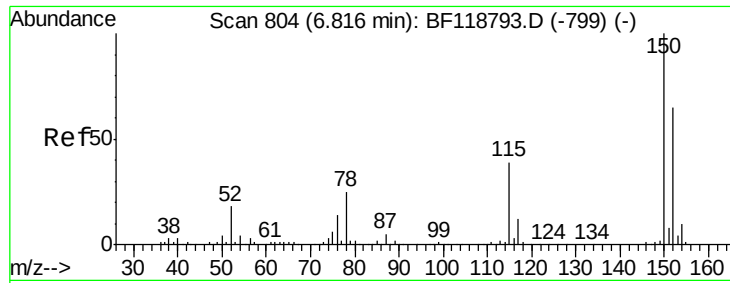
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118810.D
 Acq On : 4 Feb 2020 19:21
 Operator : CG/JU
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Quant Time: Feb 05 06:33:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS 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)
41) Hexachlorocyclopentadiene	8.97	237	748441	107.718	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	606142	51.154	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	621471	51.331	ng	98
46) 1,1'-Biphenyl	9.27	154	1965394	48.393	ng	99
47) 2-Chloronaphthalene	9.30	162	1571276	46.538	ng	100
48) 2-Nitroaniline	9.39	65	466636	47.919	ng	99
49) Acenaphthylene	9.72	152	2442345	50.099	ng	99
50) Dimethylphthalate	9.58	163	2182092	54.583	ng	99
51) 2,6-Dinitrotoluene	9.63	165	474608	51.886	ng	98
52) Acenaphthene	9.89	154	1724917	53.695	ng	100
53) 3-Nitroaniline	9.80	138	272821	26.893	ng	96
54) 2,4-Dinitrophenol	9.91	184	481110	109.408	ng	96
55) Dibenzofuran	10.06	168	2256310	48.601	ng	99
56) 4-Nitrophenol	9.96	139	388569	52.924	ng	93
57) 2,4-Dinitrotoluene	10.04	165	627959	51.875	ng	94
58) Fluorene	10.40	166	1680167	48.106	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	546294	51.666	ng	99
60) Diethylphthalate	10.27	149	1968604	50.642	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	908420	47.960	ng	99
62) 4-Nitroaniline	10.42	138	434689	42.789	ng	99
63) Azobenzene	10.55	77	1707291	51.444	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	364828	59.305	ng	98
66) n-Nitrosodiphenylamine	10.51	169	1623958	51.210	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	646423	49.914	ng	97
68) Hexachlorobenzene	10.95	284	728774	49.061	ng	97
69) Atrazine	11.04	200	546505	51.729	ng	99
70) Pentachlorophenol	11.15	266	764893	97.521	ng	99
71) Phenanthrene	11.36	178	2577217	47.846	ng	100
72) Anthracene	11.41	178	2662816	49.693	ng	100
73) Carbazole	11.56	167	2321816	49.372	ng	100
74) Di-n-butylphthalate	11.90	149	2912976	48.625	ng	100
75) Fluoranthene	12.54	202	2691483	45.765	ng	99
77) Benzidine	12.66	184	1226463	57.664	ng	99
78) Pyrene	12.77	202	2654590	55.027	ng	99
80) Butylbenzylphthalate	13.39	149	1206856	54.810	ng	94
81) Benzo(a)anthracene	13.96	228	2098506	50.149	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	586355	34.260	ng	97
83) Chrysene	14.00	228	2137822	50.903	ng	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1559213	55.814	ng	99
85) Di-n-octyl phthalate	14.56	149	2553048	53.346	ng	100
86) Indeno(1,2,3-cd)pyrene	16.84	276	2363253	56.006	ng	100
88) Benzo(b)fluoranthene	15.00	252	2168024	49.778	ng	98
89) Benzo(k)fluoranthene	15.03	252	1921488	50.663	ng	100
90) Benzo(a)pyrene	15.35	252	1844996	49.499	ng	99
91) Dibenzo(a,h)anthracene	16.86	278	1982250	59.906	ng	98
92) Benzo(g,h,i)perylene	17.28	276	2009302	63.142	ng	99

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

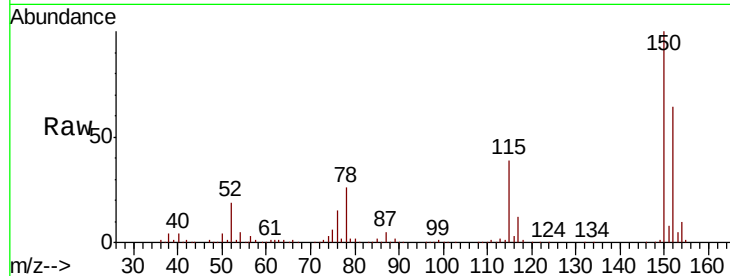


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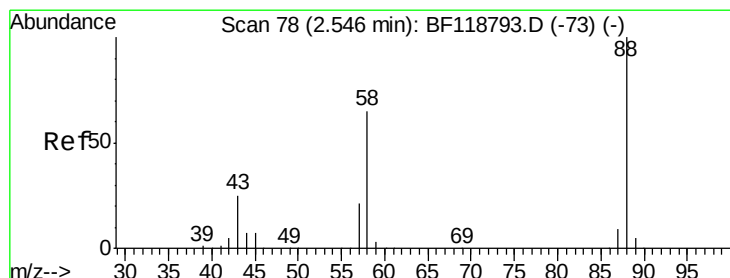
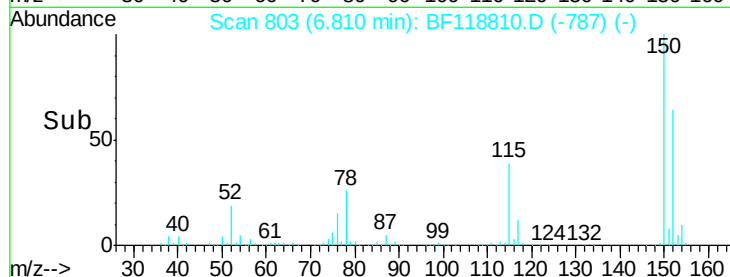
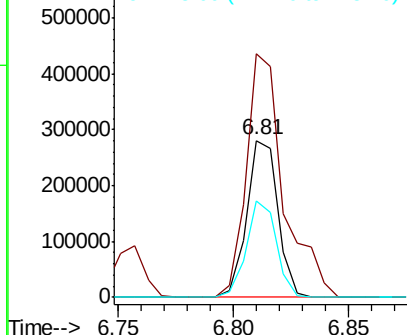
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 265875
Ion Ratio Lower Upper
152 100
150 155.3 123.6 185.4
115 61.1 48.2 72.2



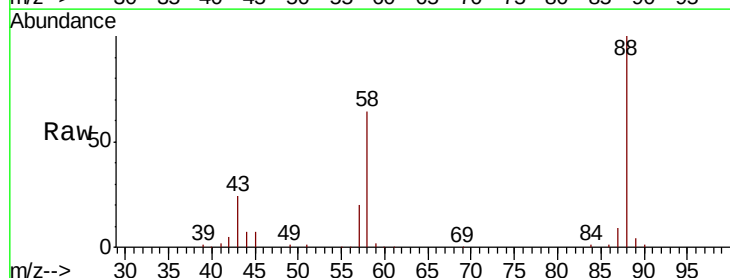
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



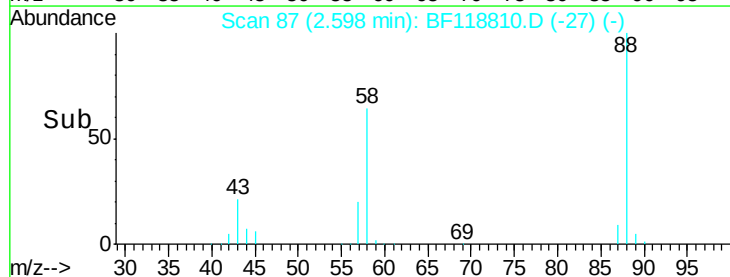
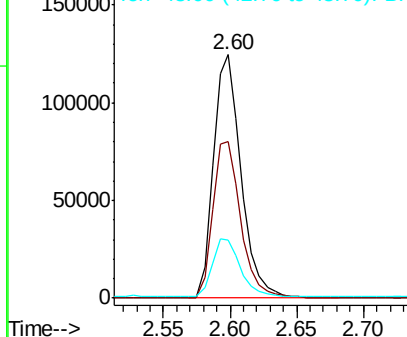
#2

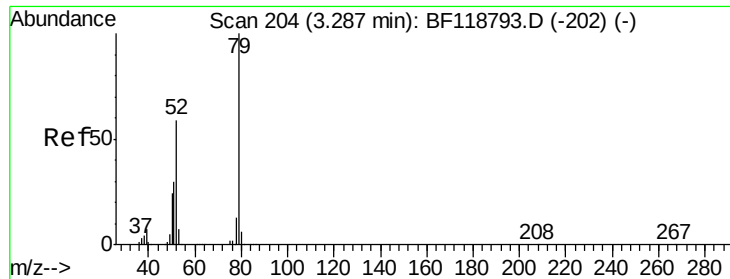
1,4-Dioxane
Concen: 28.350 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.05 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion: 88 Resp: 181471
Ion Ratio Lower Upper
88 100
58 64.9 51.6 77.4
43 23.7 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: 23.799 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.05 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_G

ClientSampleId :

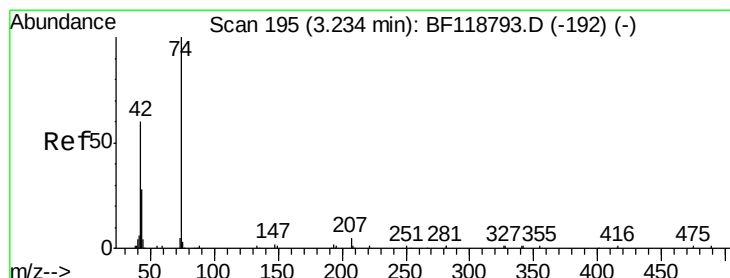
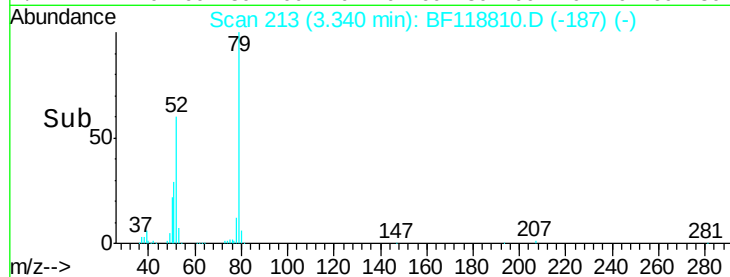
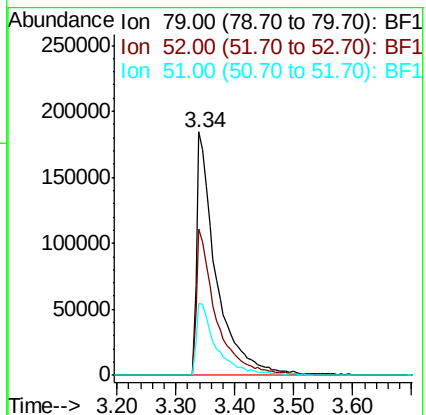
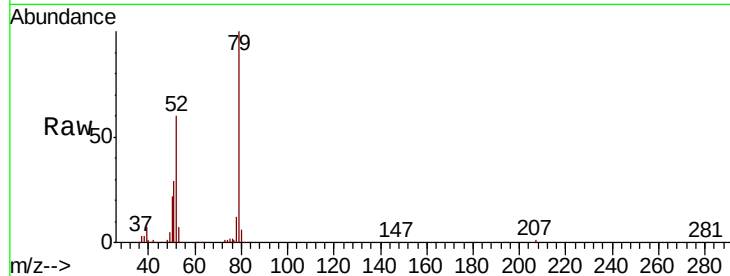
Tot Ion: 79 Resp: 423007

Ion Ratio Lower Upper

79 100

52 60.0 47.4 71.0

51 29.4 24.2 36.4



#4

n-Nitrosodimethylamine

Concen: 31.709 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.04 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

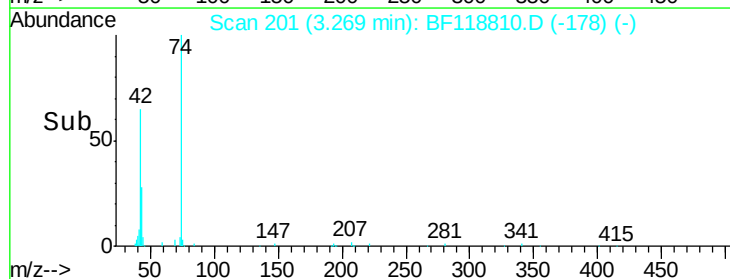
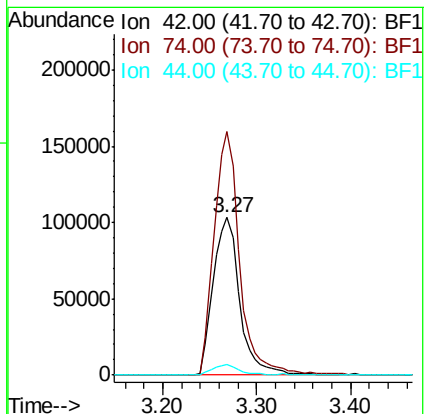
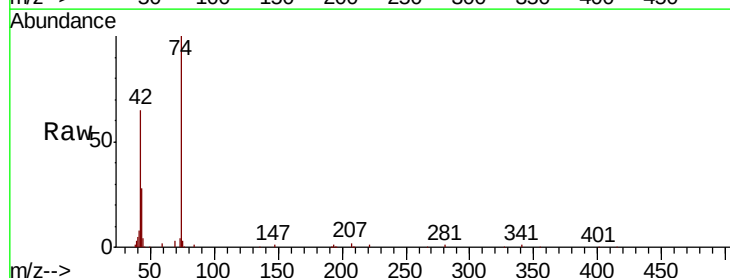
Tgt Ion: 42 Resp: 205200

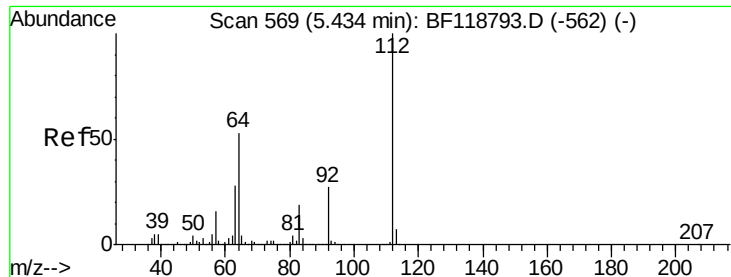
Ion Ratio Lower Upper

42 100

74 154.6 124.3 186.5

44 6.4 5.3 7.9





#5

2-Fluorophenol

Concen: 68.275 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_G

ClientSampled :

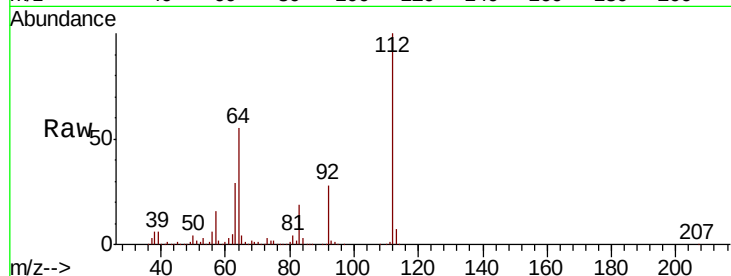
Tot Ion:112 Resp: 958977

Ion Ratio Lower Upper

112 100

64 55.0 42.6 63.8

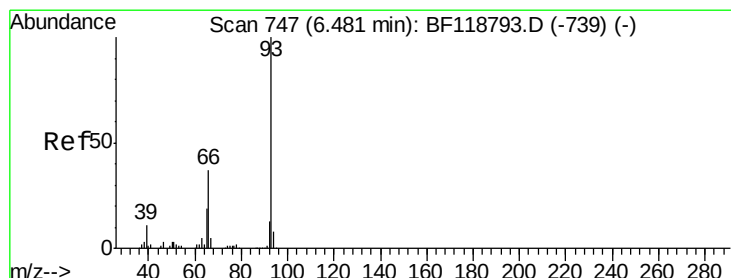
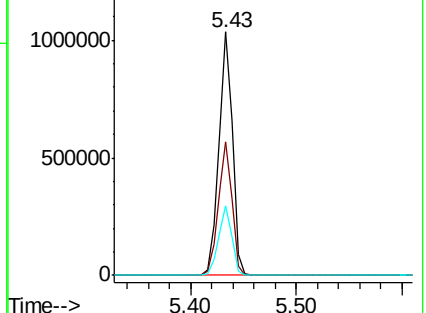
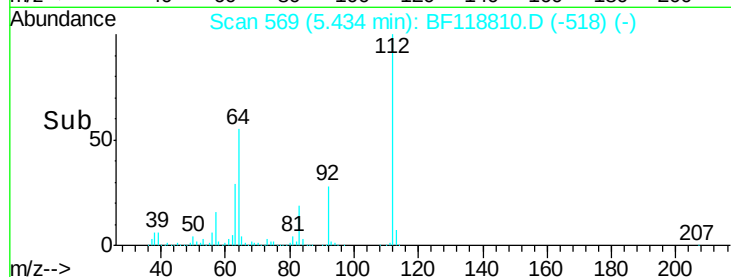
63 28.5 22.2 33.4



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: 35.014 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

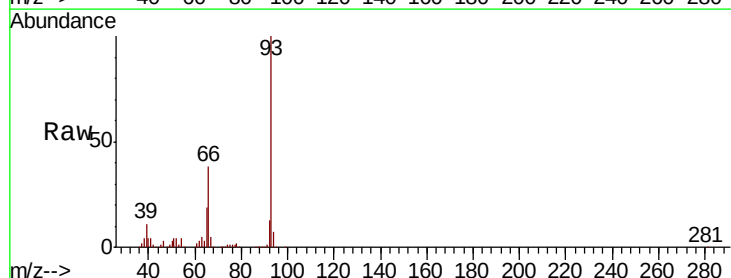
Tgt Ion: 93 Resp: 786282

Ion Ratio Lower Upper

93 100

66 38.1 30.8 46.2

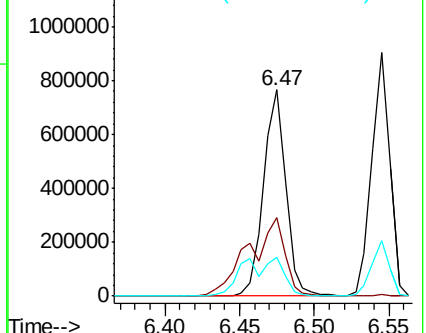
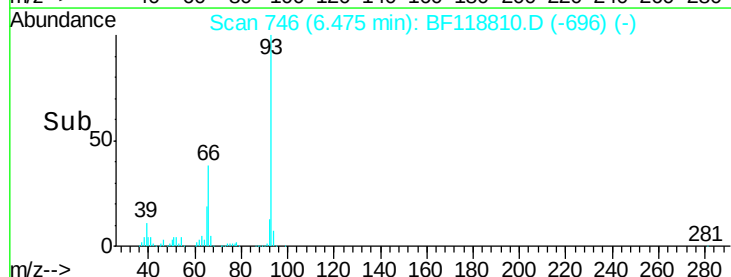
65 19.0 15.4 23.0

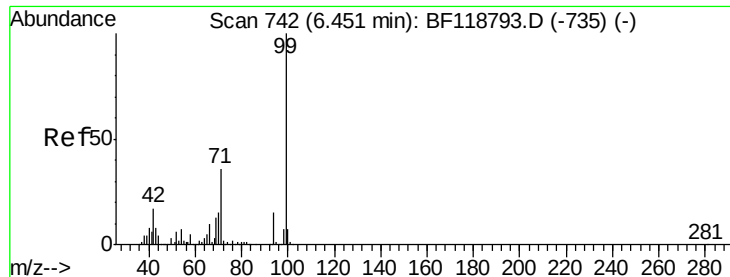


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 44.014 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_G

ClientSampleId :

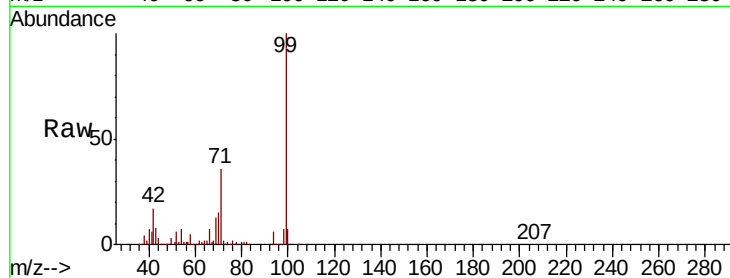
Tot Ion: 99 Resp: 767421

Ion Ratio Lower Upper

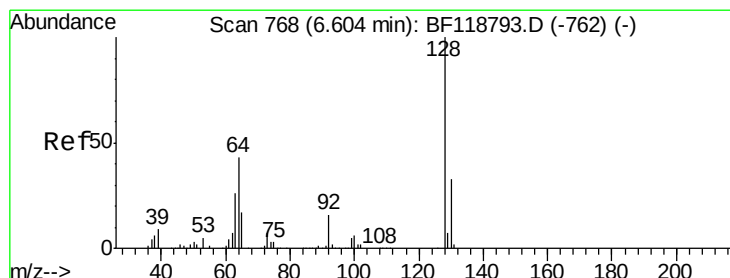
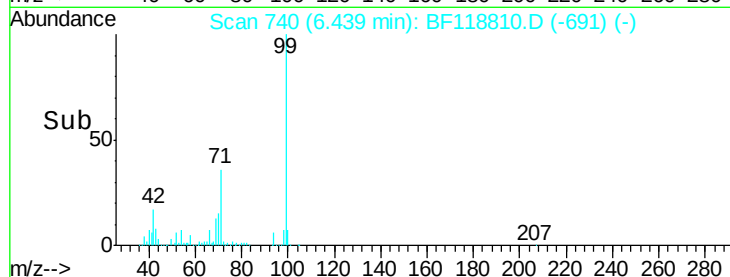
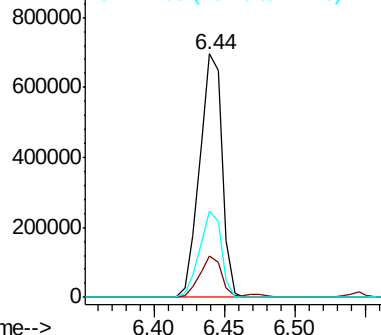
99 100

42 16.9 13.4 20.0

71 35.5 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: 52.638 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

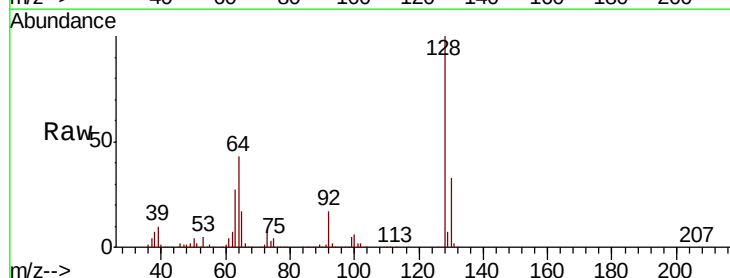
Tgt Ion: 128 Resp: 823492

Ion Ratio Lower Upper

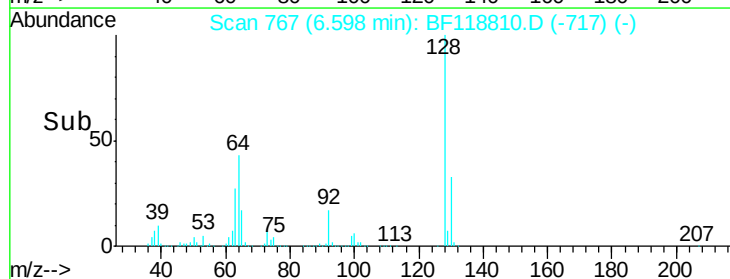
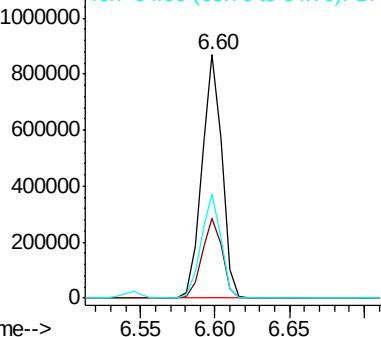
128 100

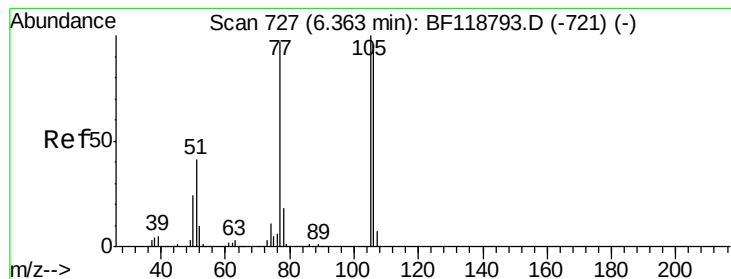
130 32.8 13.1 53.1

64 42.7 23.0 63.0



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





#9

Benzaldehyde

Concen: 48.648 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_G

ClientSampleId :

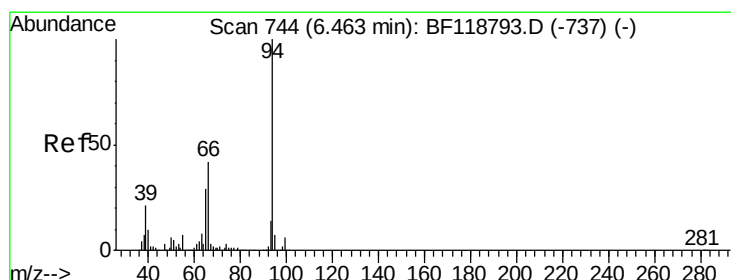
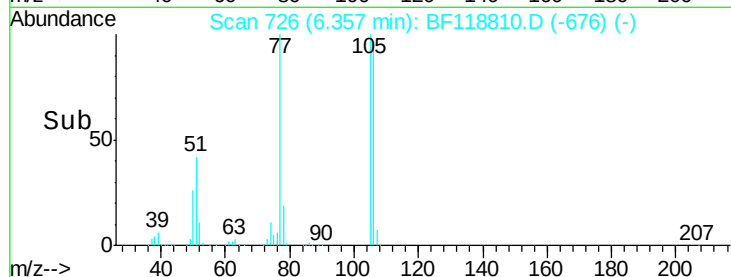
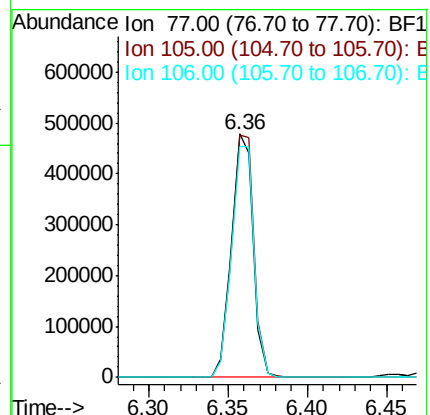
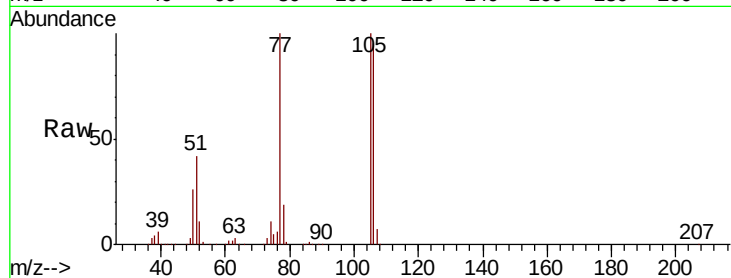
Tot Ion: 77 Resp: 453391

Ion Ratio Lower Upper

77 100

105 99.7 82.8 122.8

106 95.0 78.1 118.1



#10

Phenol

Concen: 26.375 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

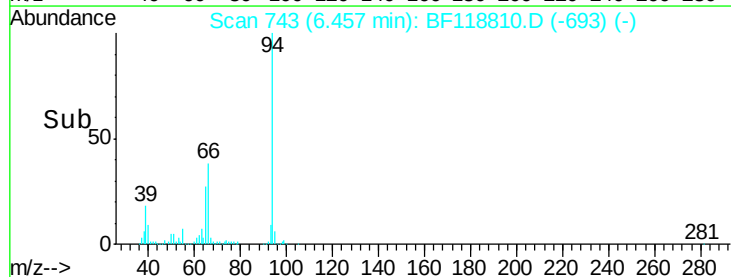
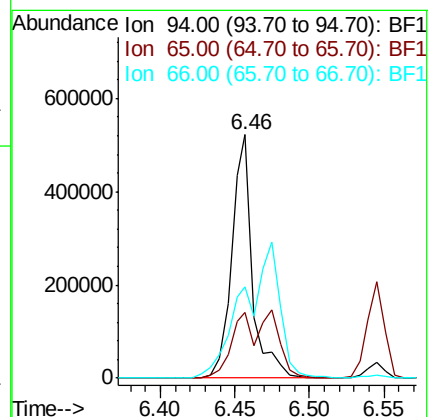
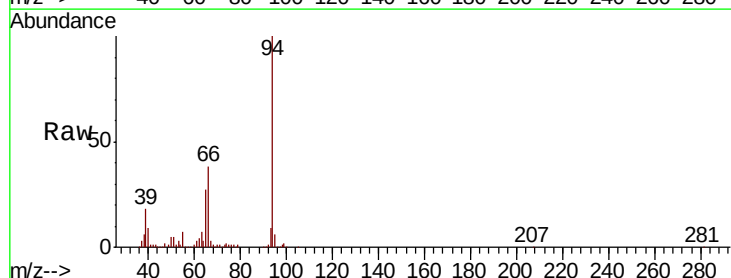
Tgt Ion: 94 Resp: 511338

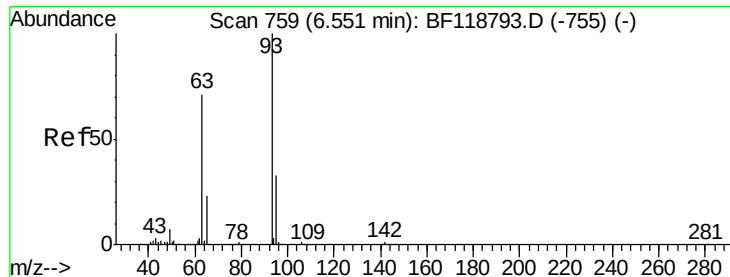
Ion Ratio Lower Upper

94 100

65 27.0 9.1 49.1

66 37.7 21.7 61.7





#11

bis(2-Chloroethyl)ether

Concen: 50.668 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_G

ClientSampleId :

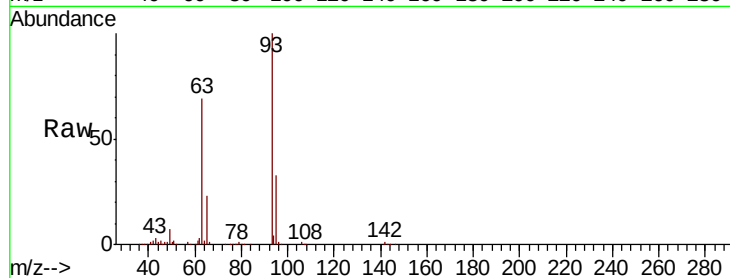
Tot Ion: 93 Resp: 751526

Ion Ratio Lower Upper

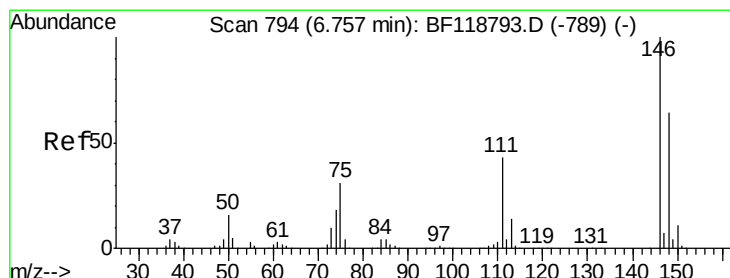
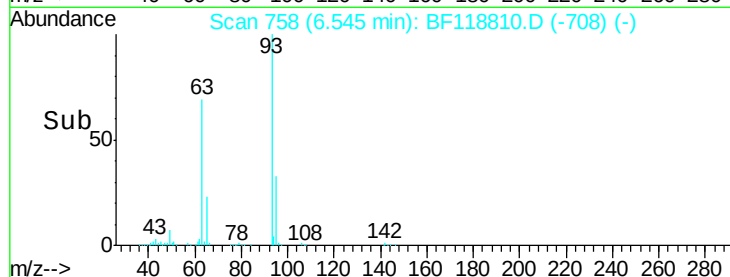
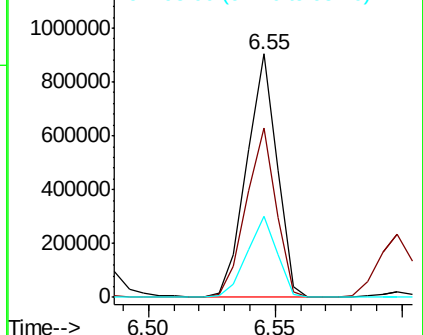
93 100

63 69.4 50.7 90.7

95 33.2 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 42.039 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

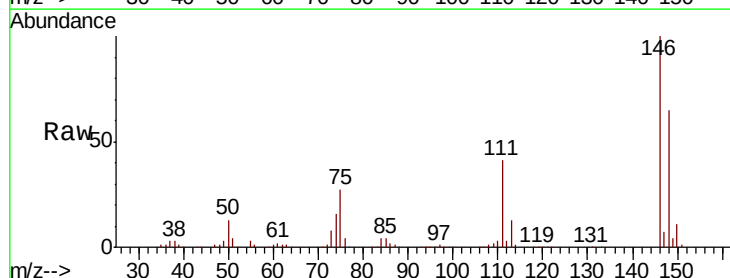
Tgt Ion: 146 Resp: 782850

Ion Ratio Lower Upper

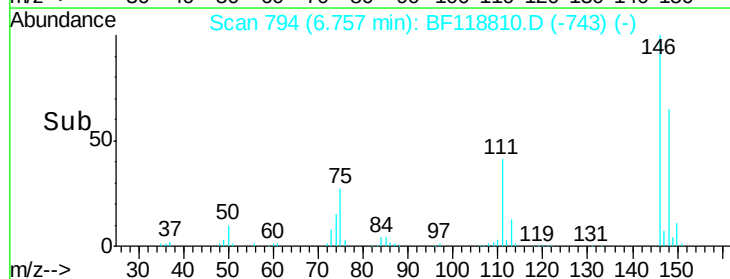
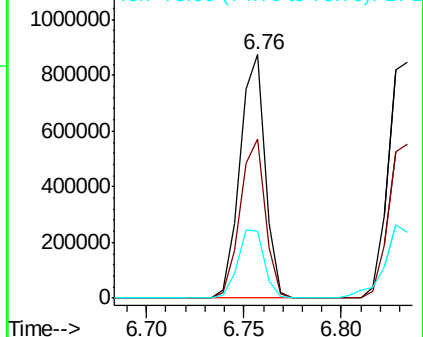
146 100

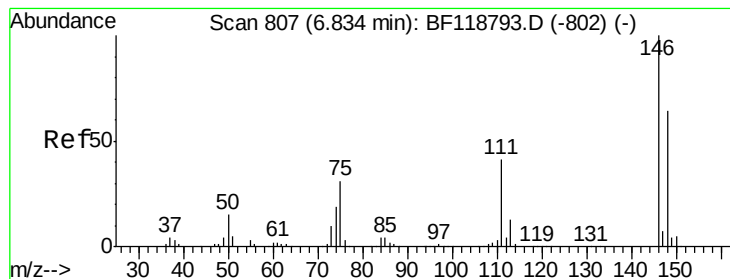
148 65.2 51.1 76.7

75 27.4 25.0 37.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.846 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_G

ClientSampleId :

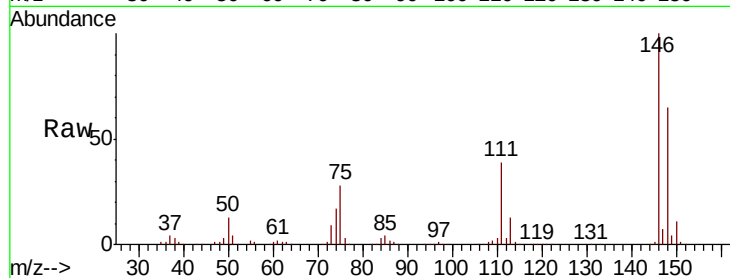
Tot Ion:146 Resp: 795855

Ion Ratio Lower Upper

146 100

148 65.2 51.6 77.4

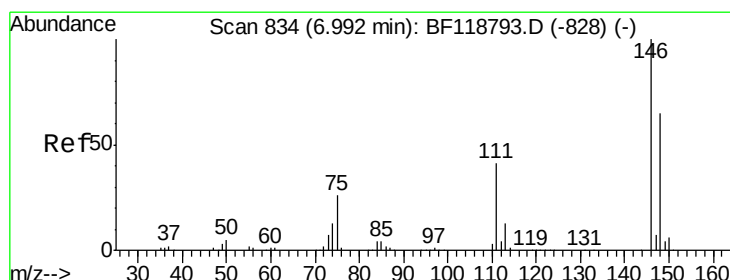
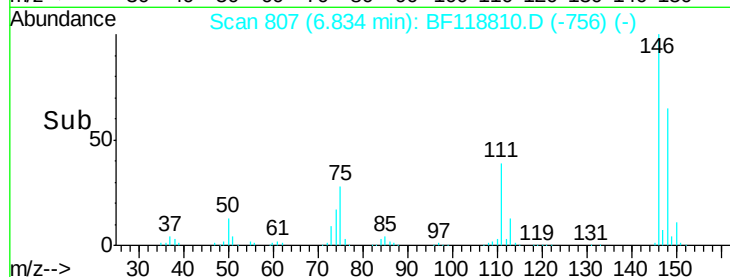
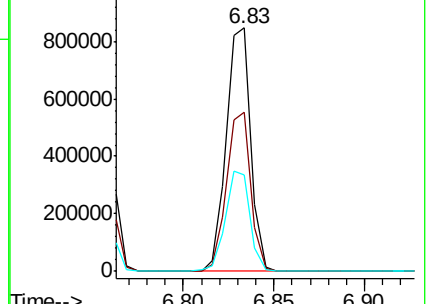
111 39.4 32.9 49.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.224 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

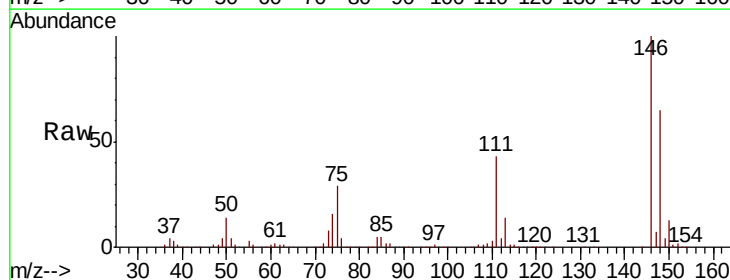
Tgt Ion:146 Resp: 749215

Ion Ratio Lower Upper

146 100

148 64.6 51.6 77.4

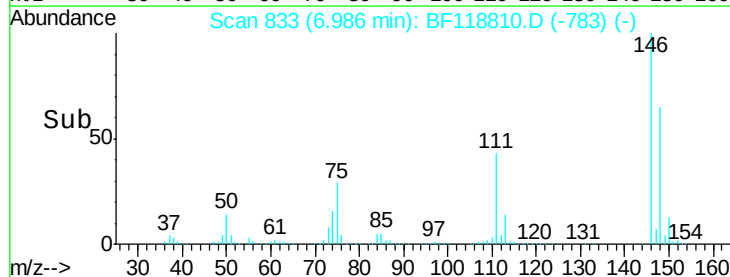
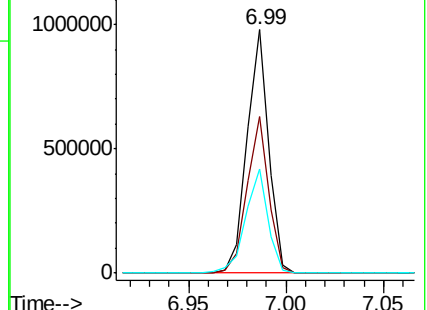
111 42.6 32.7 49.1

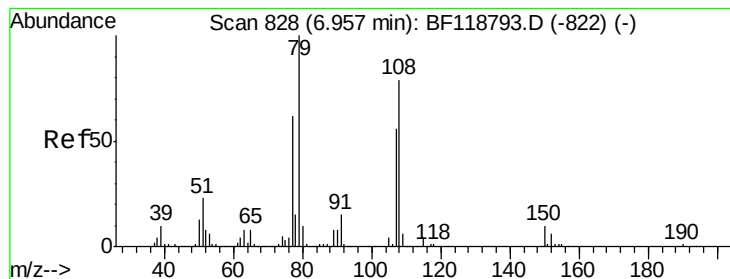


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.648 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_G

ClientSampled :

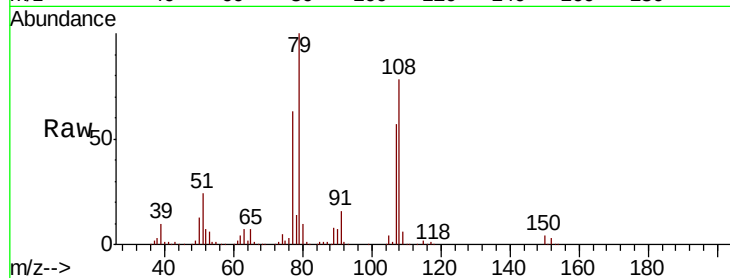
Tot Ion: 79 Resp: 615203

Ion Ratio Lower Upper

79 100

108 78.0 62.9 94.3

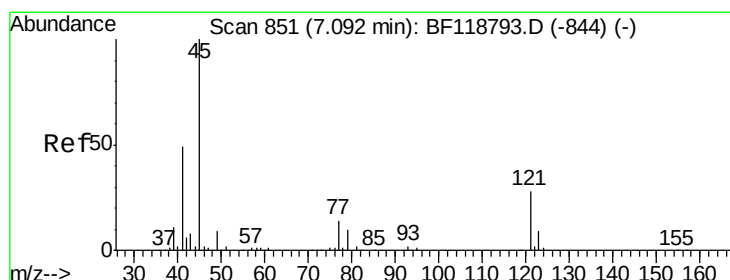
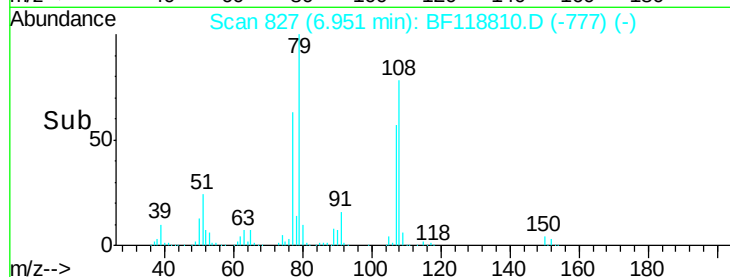
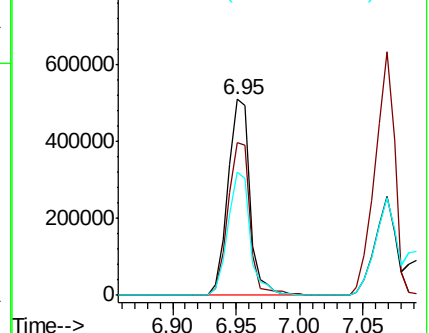
77 62.8 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.076 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

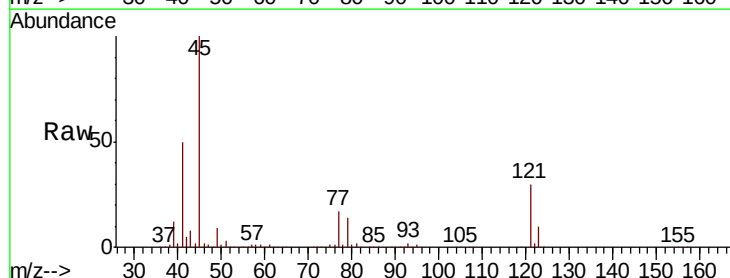
Tgt Ion: 45 Resp: 873248

Ion Ratio Lower Upper

45 100

77 17.1 0.0 37.1

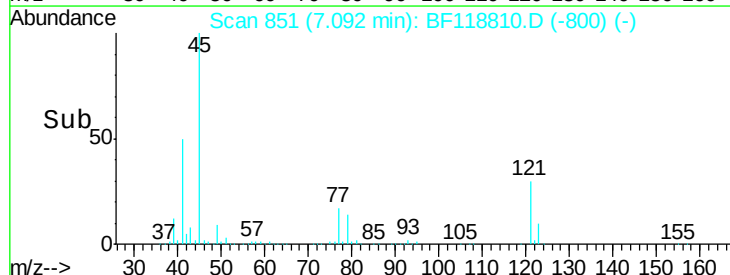
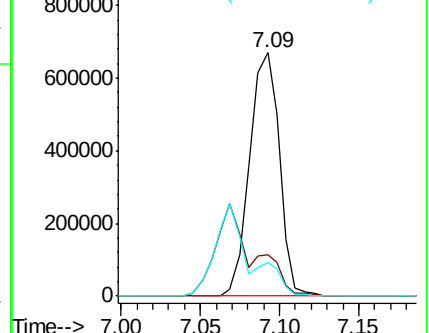
79 13.6 0.0 33.1

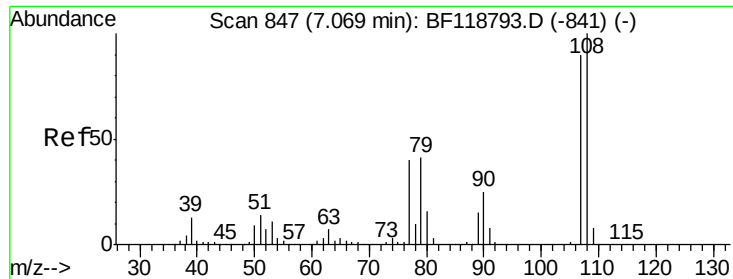


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

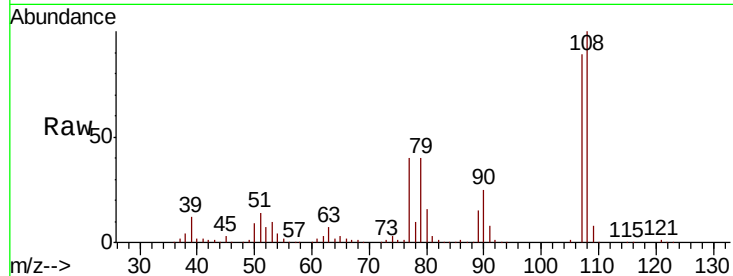




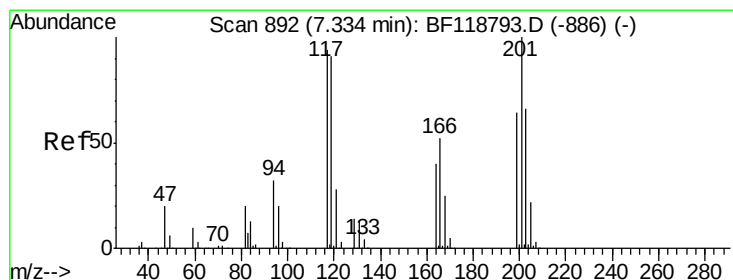
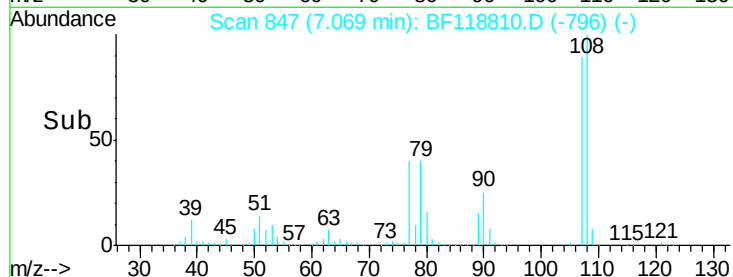
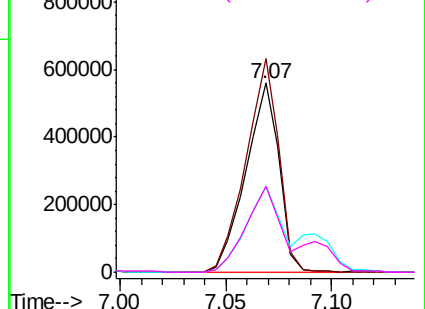
#17
2-Methylphenol
Concen: 47.034 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	611757
Ion	Ratio	Lower	Upper
107	100		
108	112.8	89.3	133.9
77	45.2	36.2	54.2
79	45.6	36.3	54.5

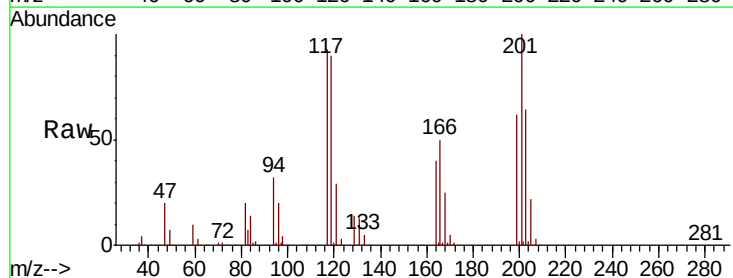


Abundance Ion 107.00 (106.70 to 107.70): E
1000000
Ion 108.00 (107.70 to 108.70): E
800000
Ion 77.00 (76.70 to 77.70): BF1
600000
Ion 79.00 (78.70 to 79.70): BF1
400000
200000
0

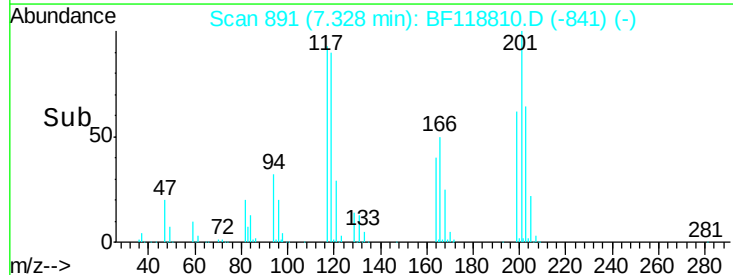
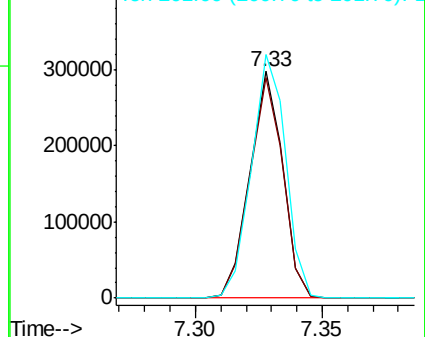


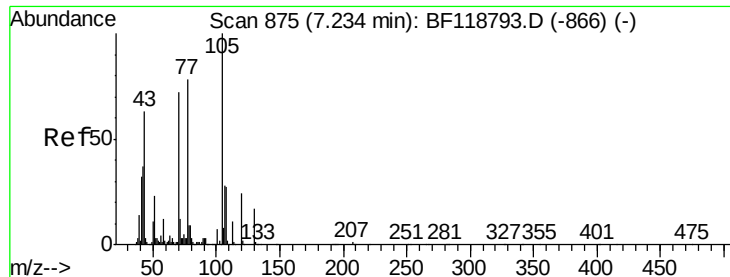
#18
Hexachloroethane
Concen: 40.458 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion:	117	Resp:	269725
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.4	116.0
201	107.5	85.1	127.7



Abundance Ion 117.00 (116.70 to 117.70): E
400000
Ion 119.00 (118.70 to 119.70): E
300000
Ion 201.00 (200.70 to 201.70): E
200000
100000
0

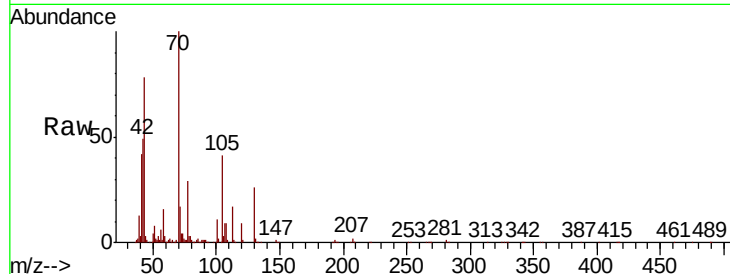




#19
n-Nitroso-di-n-propylamine
Concen: 52.030 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	555060
Ion	Ratio	Lower	Upper
70	100		
42	49.4	41.5	62.3
101	10.7	8.3	12.5
130	26.5	19.2	28.8



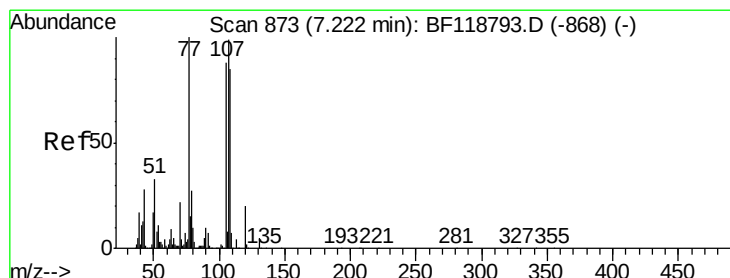
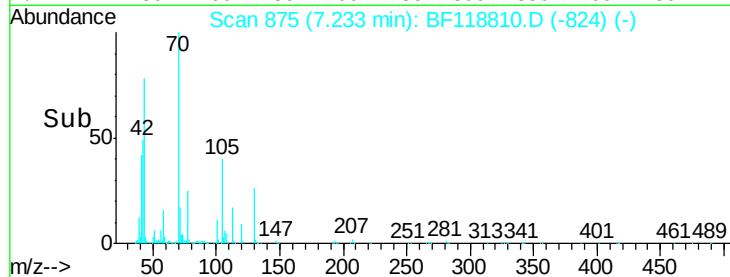
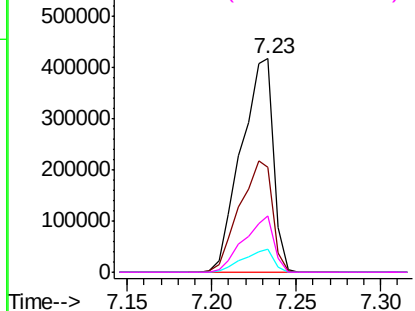
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

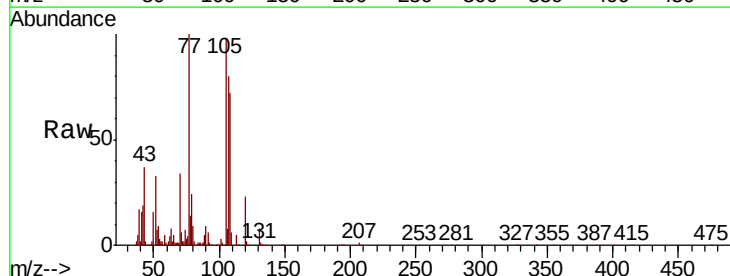
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 40.008 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion:	107	Resp:	652254
Ion	Ratio	Lower	Upper
107	100		
108	89.3	65.9	105.9
77	124.7	80.9	120.9#
79	30.5	7.5	47.5



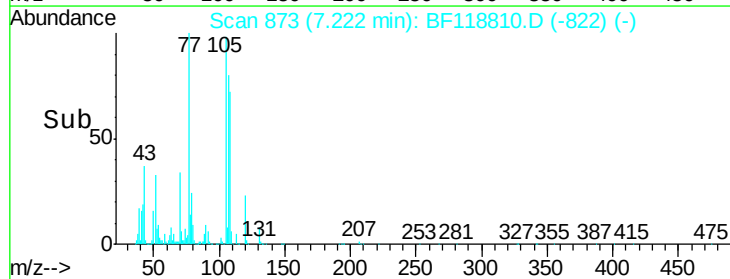
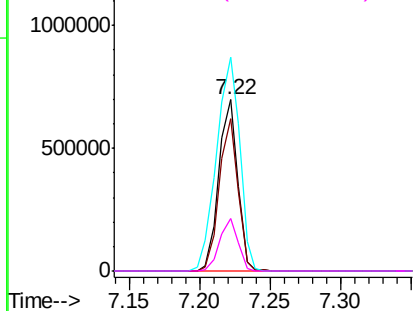
Abundance

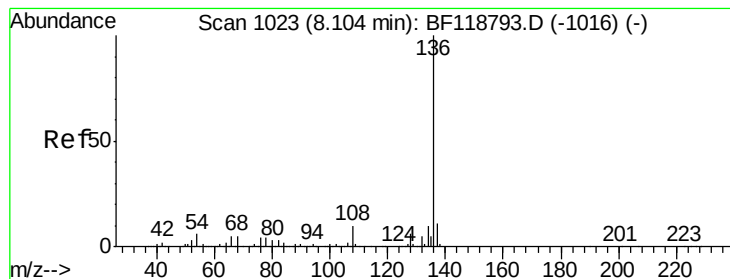
Ion 107.00 (106.70 to 107.70): BF1

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: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 1024140

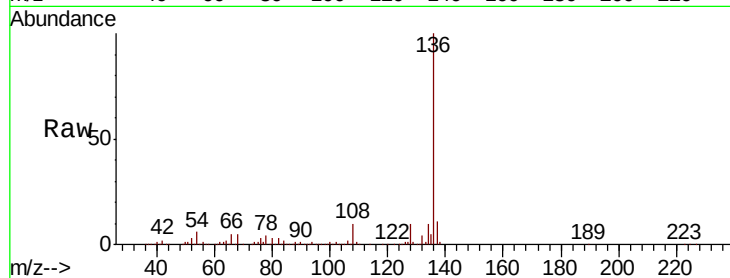
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 5.9 5.0 7.6

68 5.4 4.2 6.4

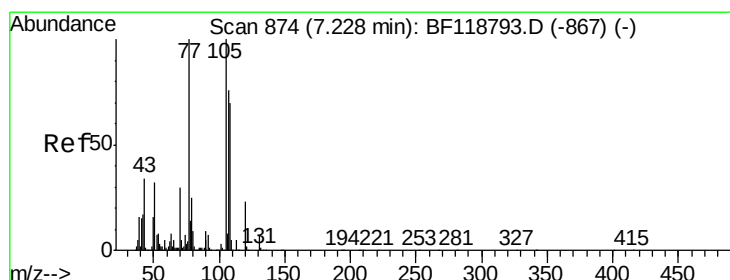
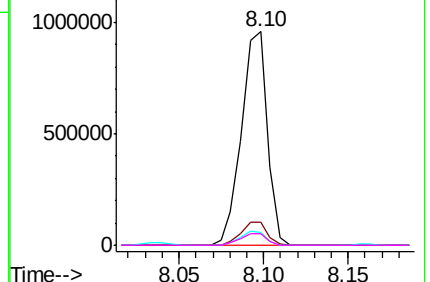
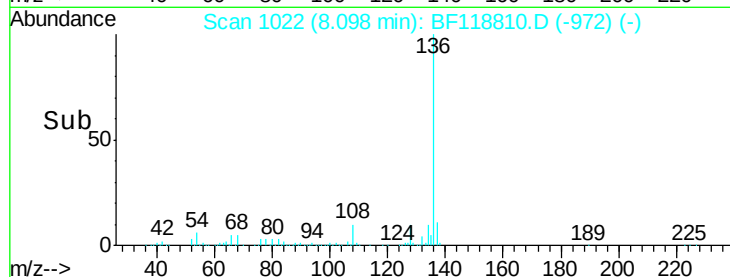


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.300 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Tgt Ion:105 Resp: 1052453

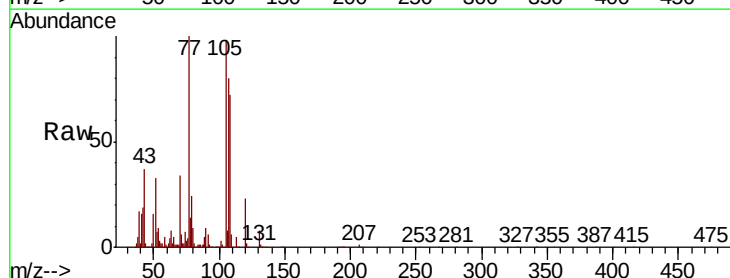
Ion Ratio Lower Upper

105 100

71 5.9 4.2 6.4

51 33.4 25.5 38.3

120 23.7 18.6 28.0

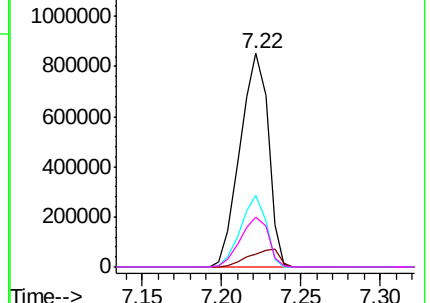
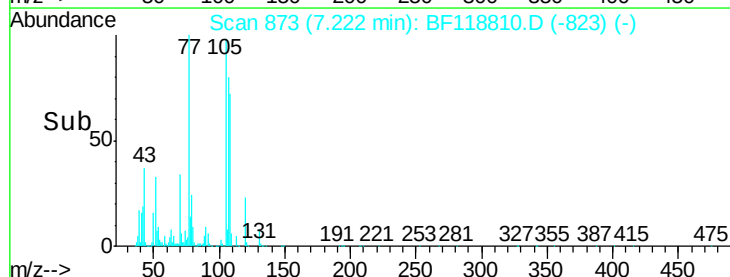


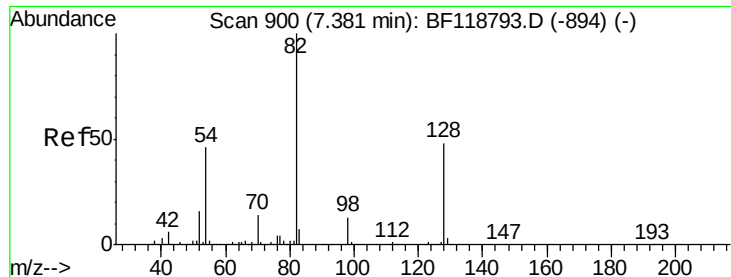
Abundance Ion 105.00 (104.70 to 105.70): E

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

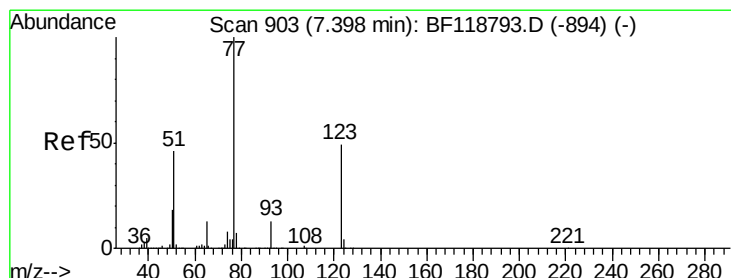
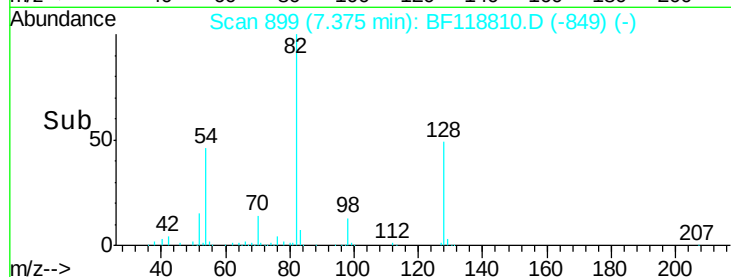
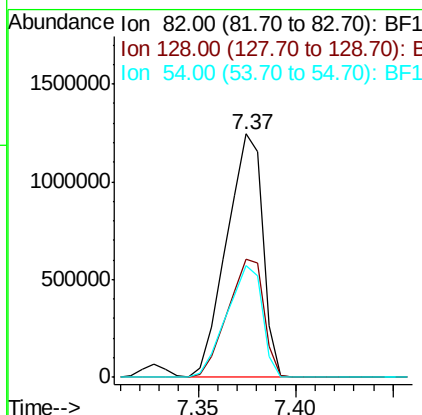
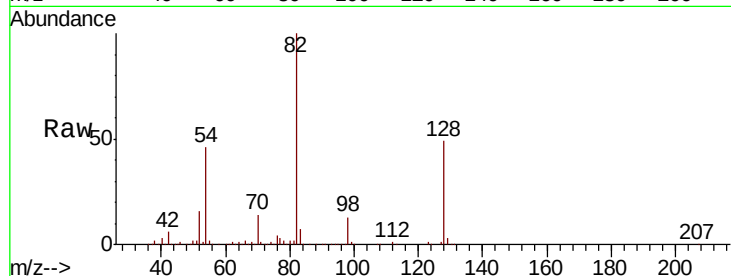




#23
 Nitrobenzene-d5
 Concen: 92.811 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

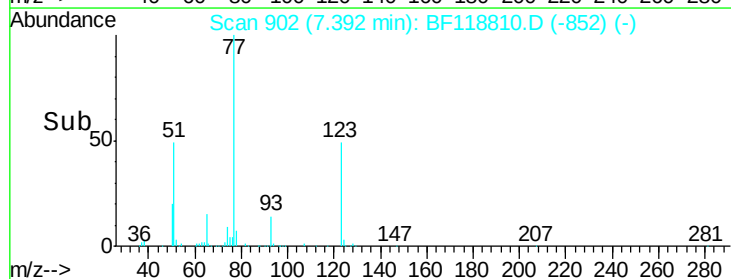
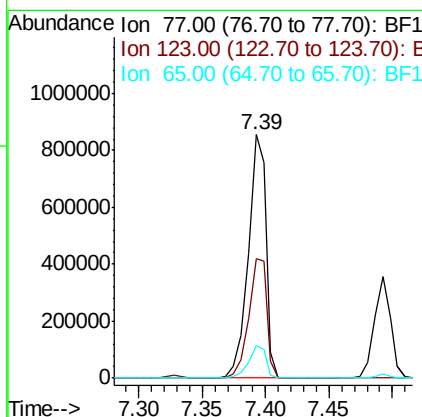
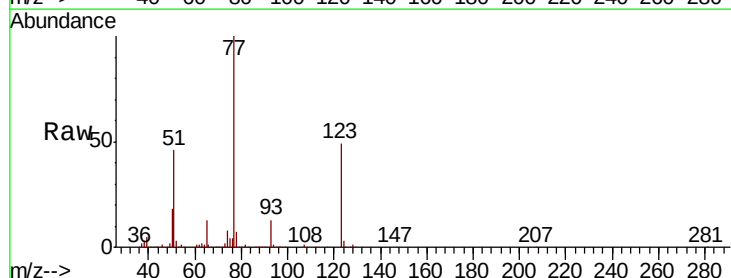
Instrument :
 BNA_G
 ClientSampleId :

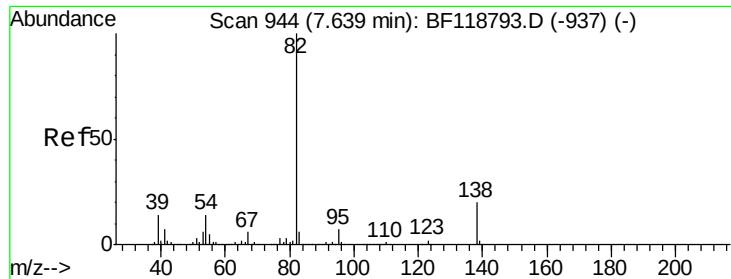
Tot Ion: 82 Resp: 1594699
 Ion Ratio Lower Upper
 82 100
 128 48.6 38.5 57.7
 54 45.7 36.7 55.1



#24
 Nitrobenzene
 Concen: 48.379 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Tgt Ion: 77 Resp: 830413
 Ion Ratio Lower Upper
 77 100
 123 49.3 39.0 58.4
 65 13.5 10.6 15.8





#25

Isophorone

Concen: 52.684 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_G

ClientSampleId :

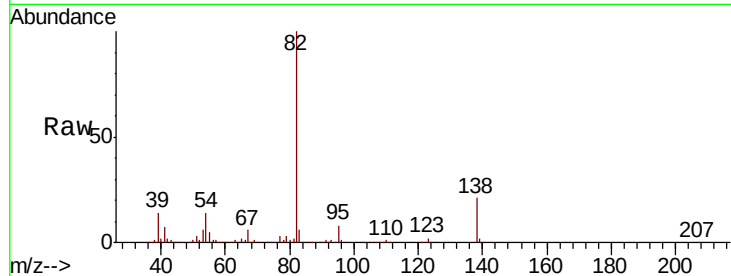
Tot Ion: 82 Resp: 1626887

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.0	9.0
138	20.5	15.7	23.5

82 100

95 7.6 6.0 9.0

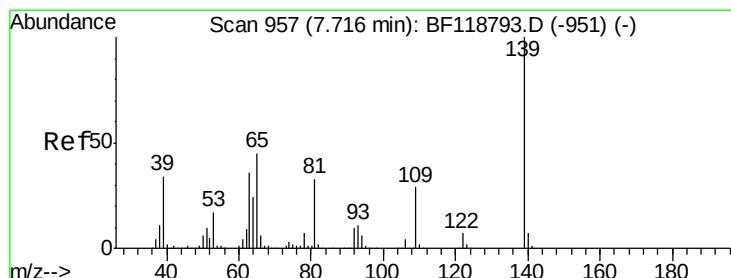
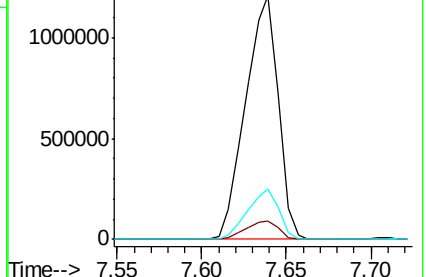
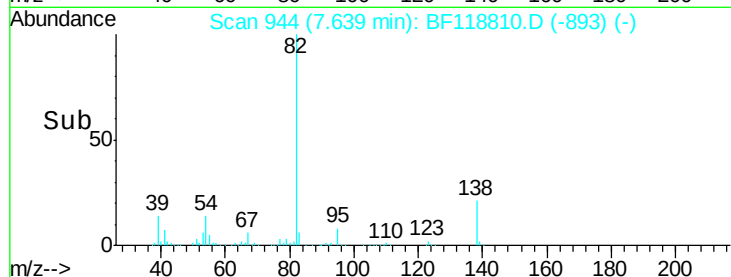
138 20.5 15.7 23.5



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: 51.673 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

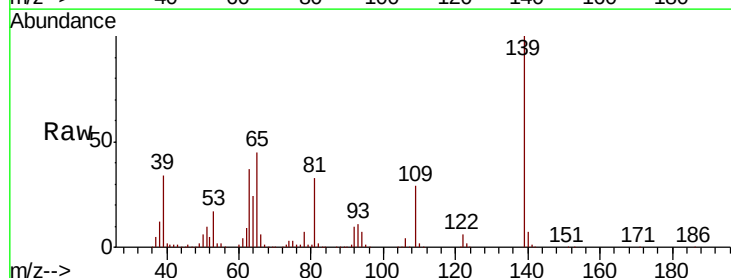
Tgt Ion: 139 Resp: 472624

Ion	Ratio	Lower	Upper
139	100		
109	29.1	23.4	35.0
65	44.6	36.2	54.2

139 100

109 29.1 23.4 35.0

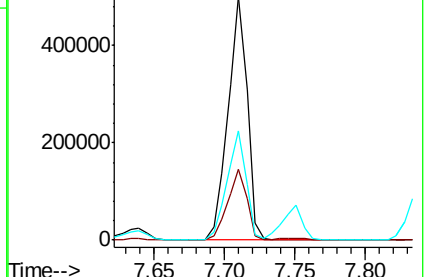
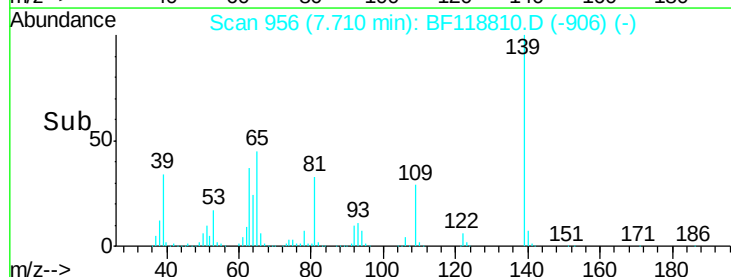
65 44.6 36.2 54.2

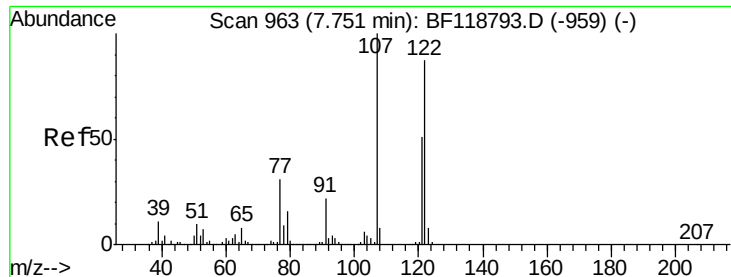


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

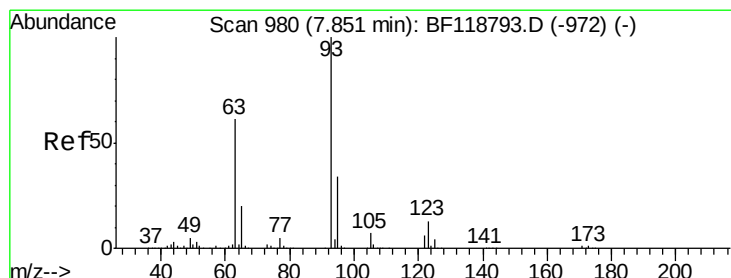
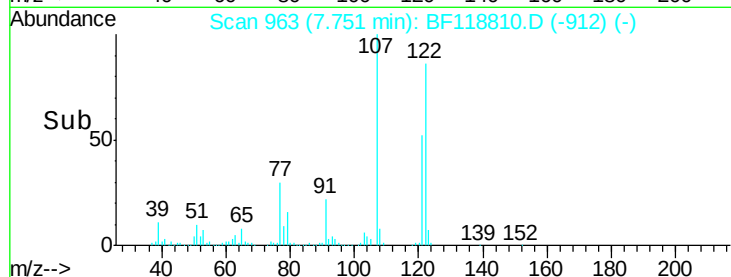
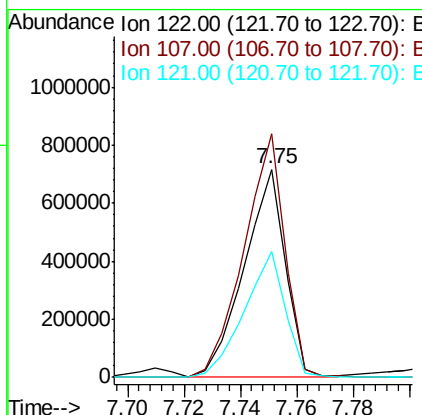
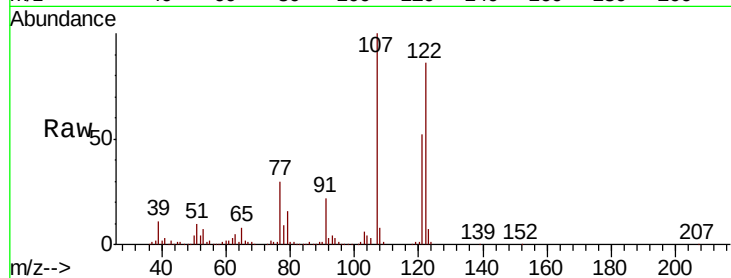




#27
 2,4-Dimethylphenol
 Concen: 58.669 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

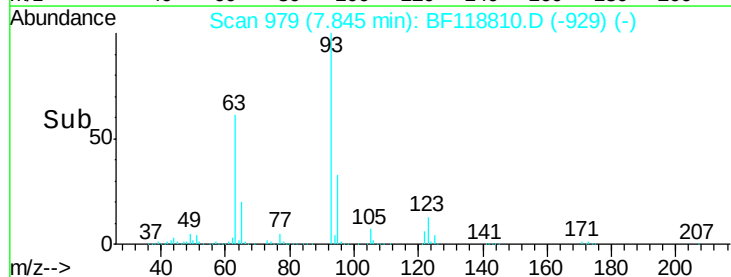
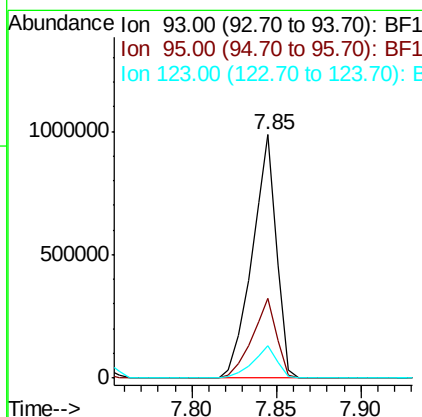
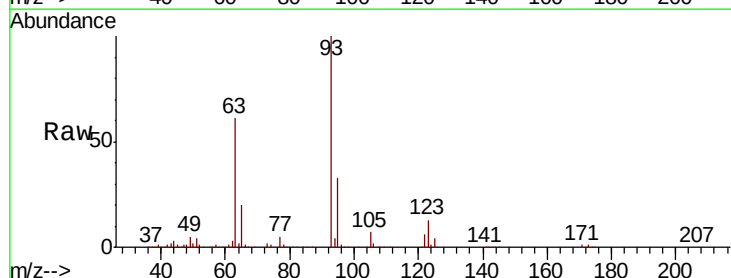
Instrument :
 BNA_G
 ClientSampleId :

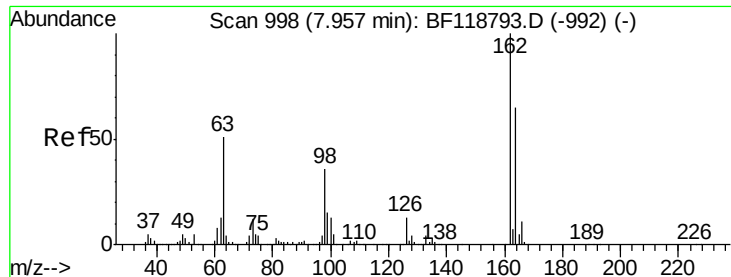
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.9	92.2	138.2
121	60.8	46.8	70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.364 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	27.0	40.4
123	13.1	10.6	15.8

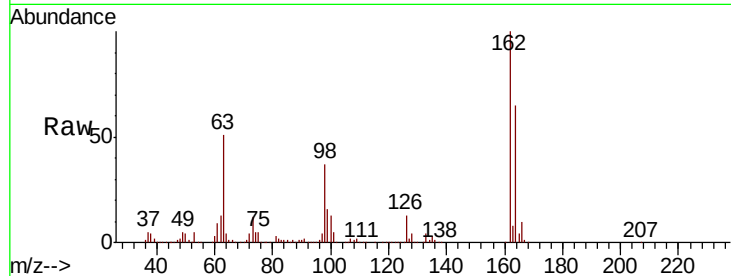




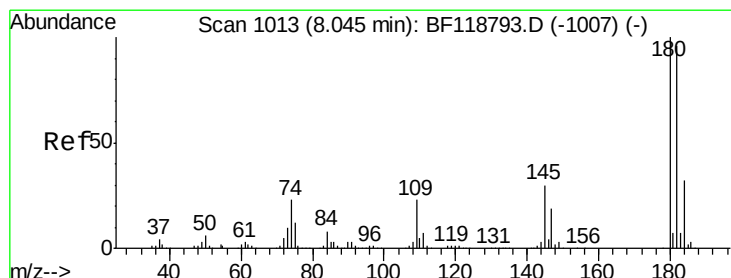
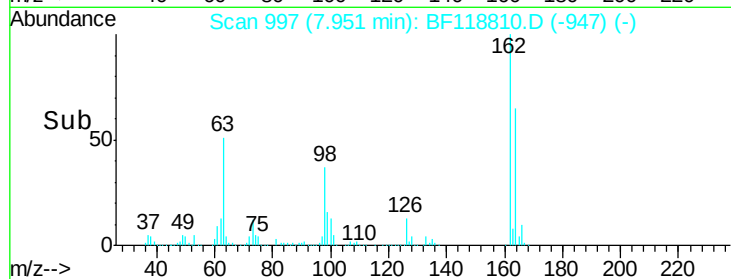
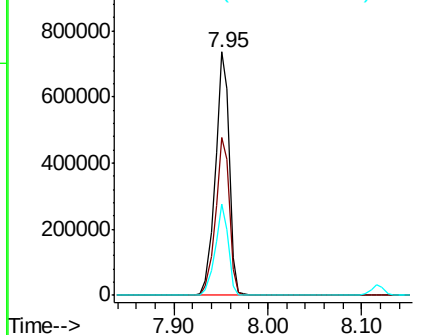
#29
 2,4-Dichlorophenol
 Concen: 51.383 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.8	84.8
98	37.3	16.4	56.4

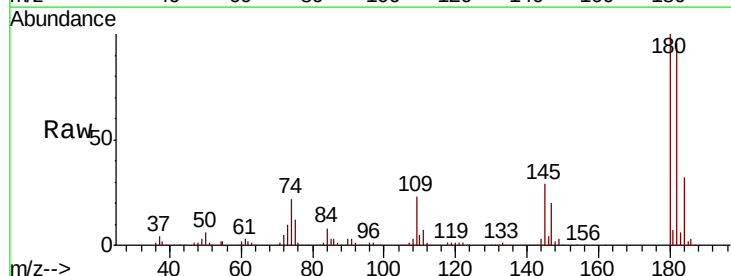


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

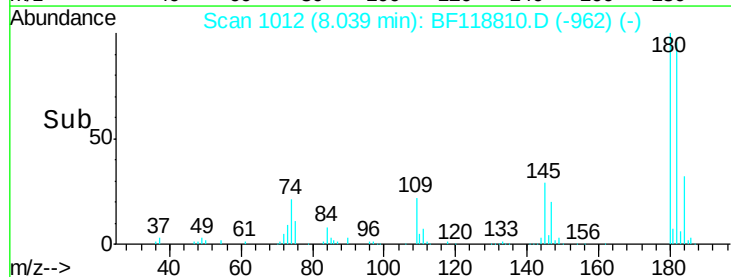
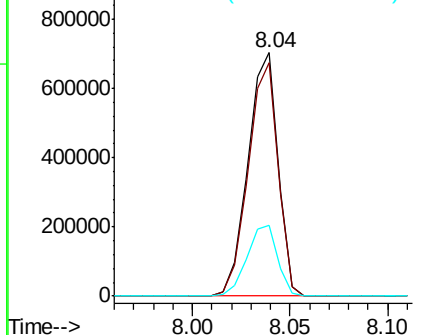


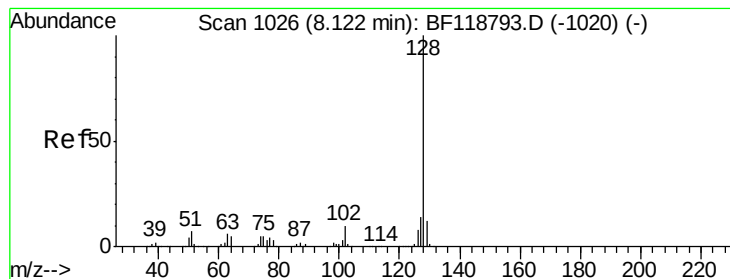
#30
 1,2,4-Trichlorobenzene
 Concen: 42.937 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.6	115.0
145	29.0	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

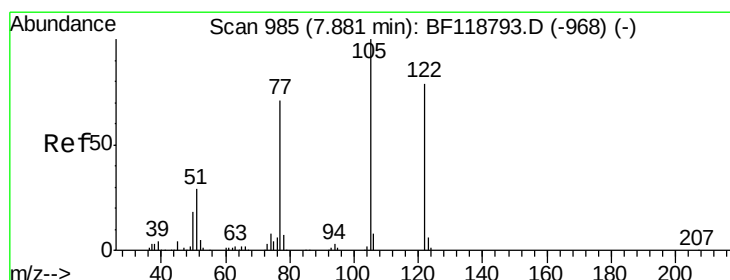
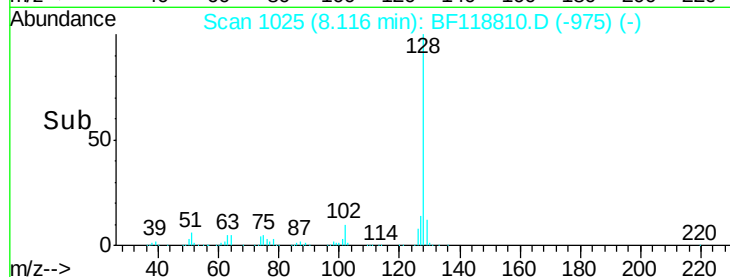
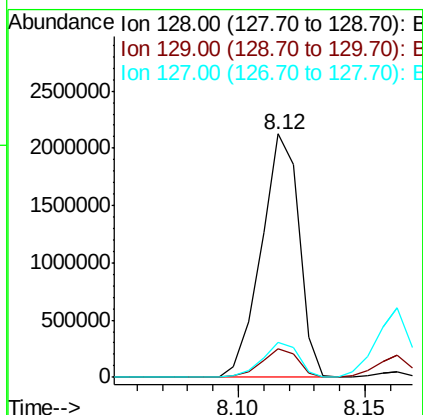
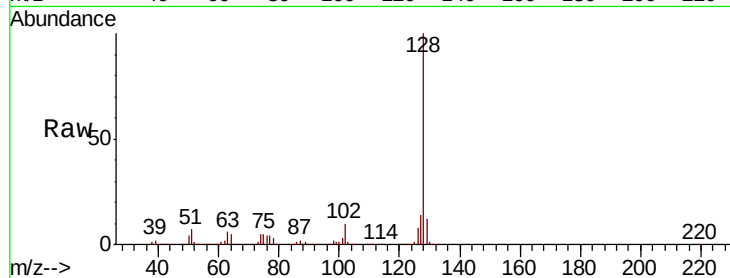




#31
Naphthalene
Concen: 46.670 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

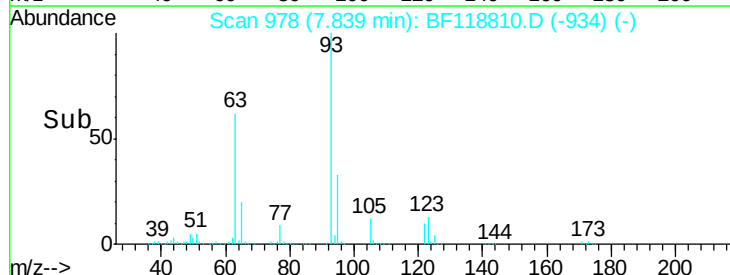
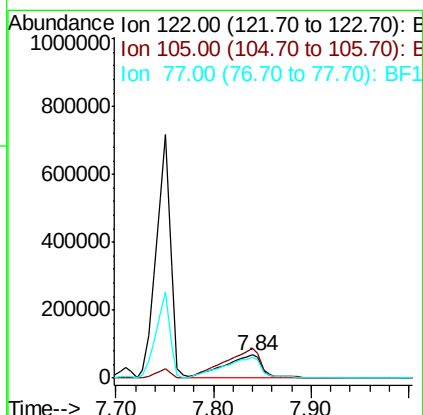
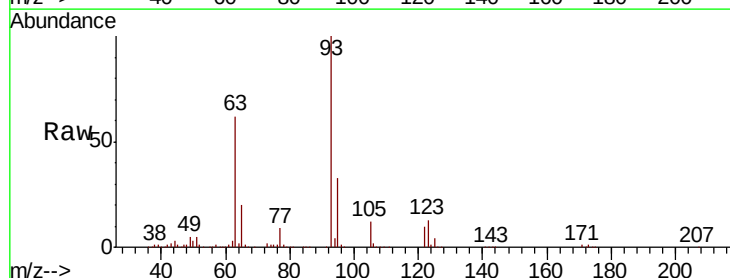
Instrument :
BNA_G
ClientSampleId :

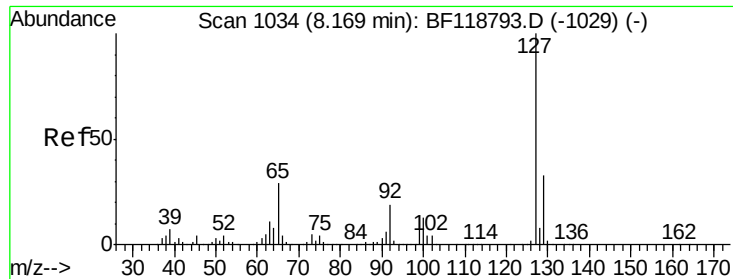
Tot Ion:128 Resp: 2186034
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.2
127 14.2 11.3 16.9



#32
Benzoic acid
Concen: 18.176 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.04 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion:122 Resp: 186976
Ion Ratio Lower Upper
122 100
105 125.1 104.4 144.4
77 90.2 69.3 109.3

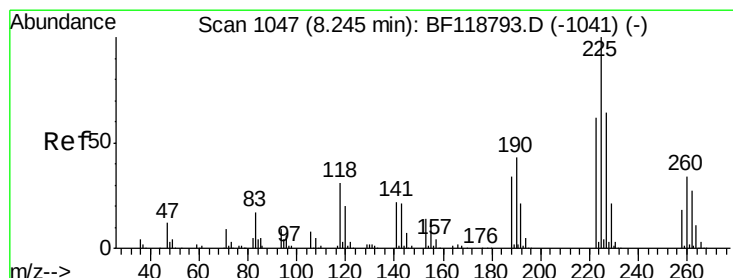
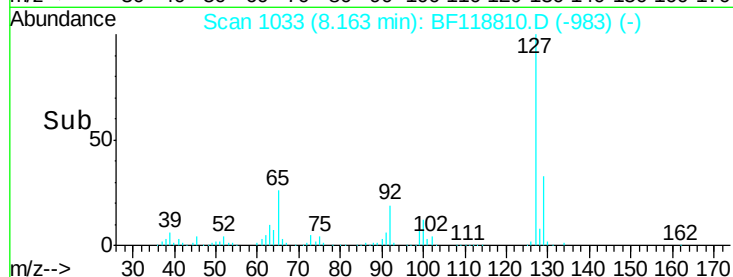
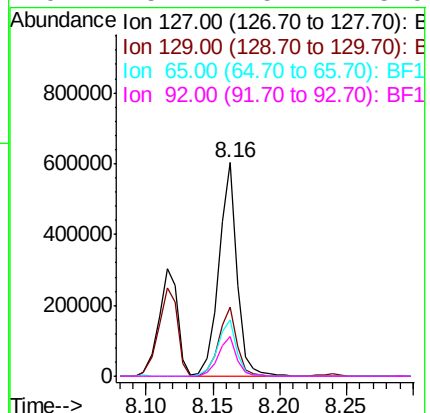
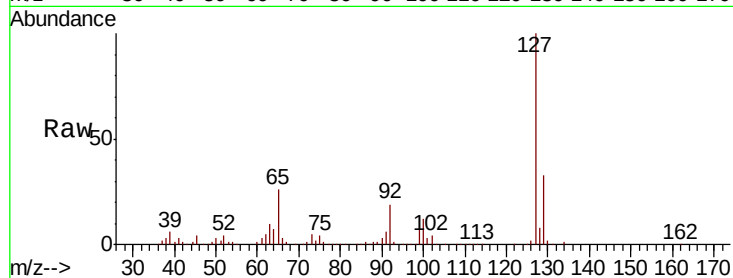




#33
4-Chloroaniline
Concen: 27.610 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

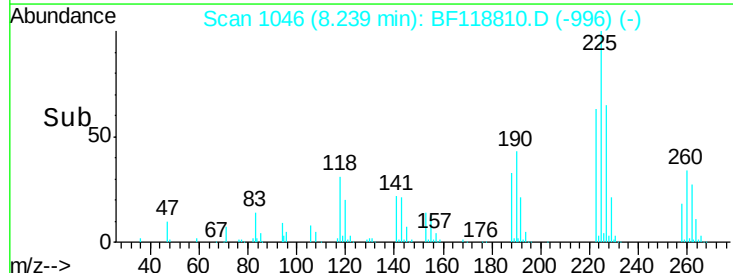
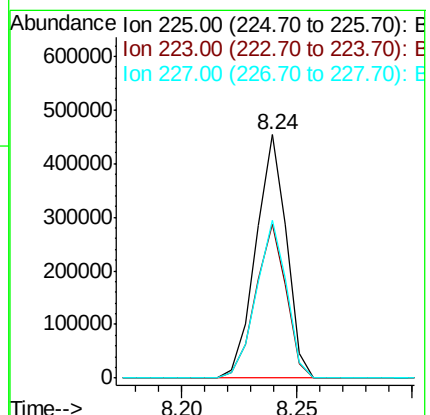
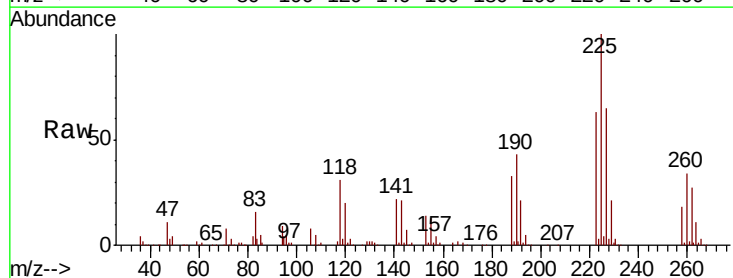
Instrument :
BNA_G
ClientSampleId :

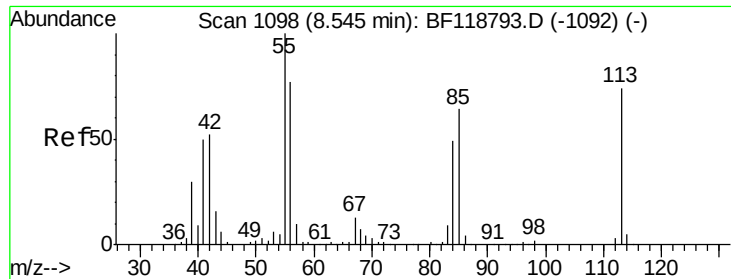
Tot Ion:	127	Resp:	578588
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.7	40.1
65	26.4	22.9	34.3
92	18.7	15.4	23.0



#34
Hexachlorobutadiene
Concen: 39.518 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion:	225	Resp:	421075
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.8	74.8
227	64.6	51.0	76.4

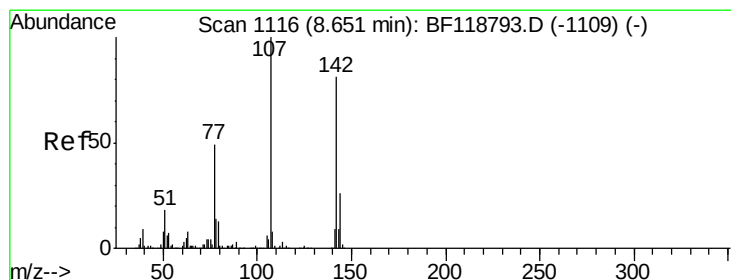
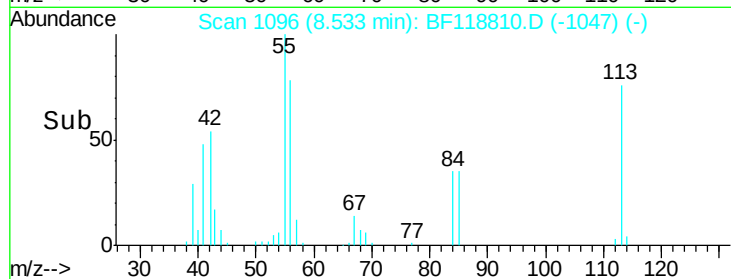
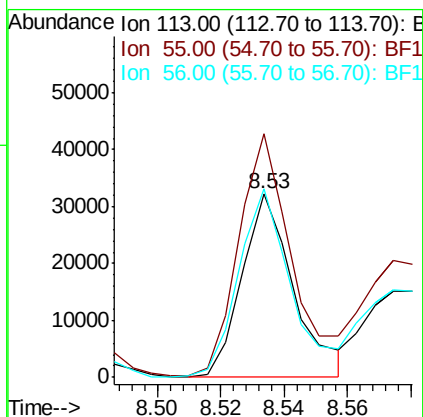
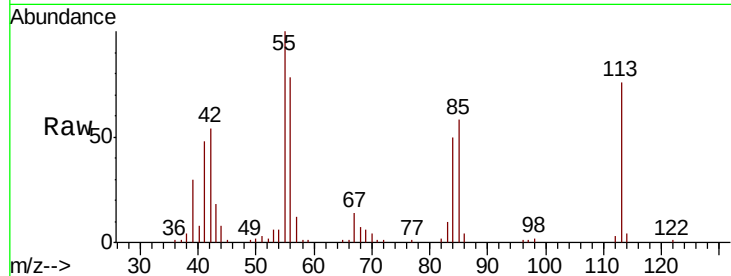




#35
 Caprolactam
 Concen: 7.573 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

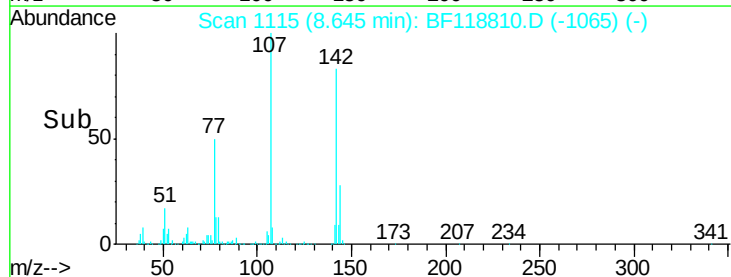
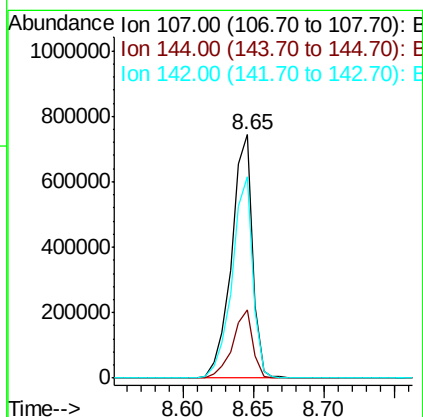
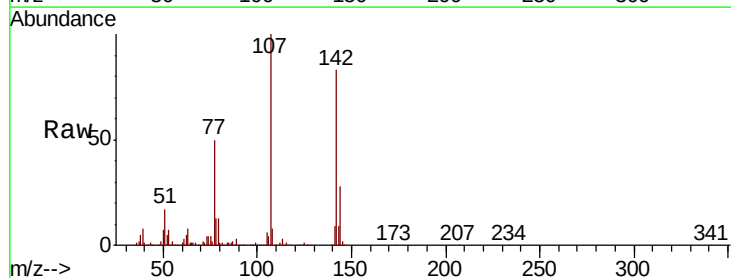
Instrument :
 BNA_G
 ClientSampleId :

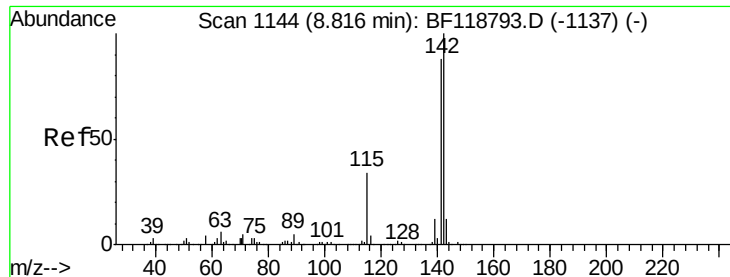
Tot Ion:113 Resp: 36531
 Ion Ratio Lower Upper
 113 100
 55 132.3 115.5 155.5
 56 102.7 83.7 123.7



#36
 4-Chloro-3-methylphenol
 Concen: 51.412 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Tgt Ion:107 Resp: 769855
 Ion Ratio Lower Upper
 107 100
 144 28.0 21.0 31.6
 142 82.7 64.8 97.2

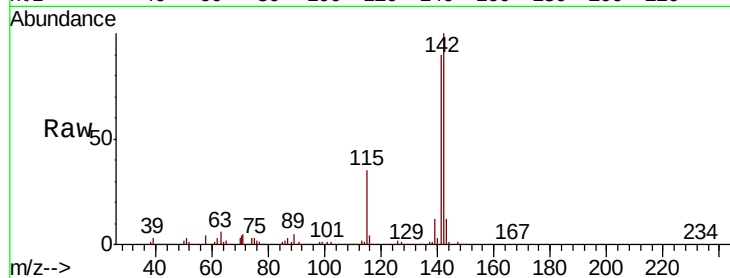




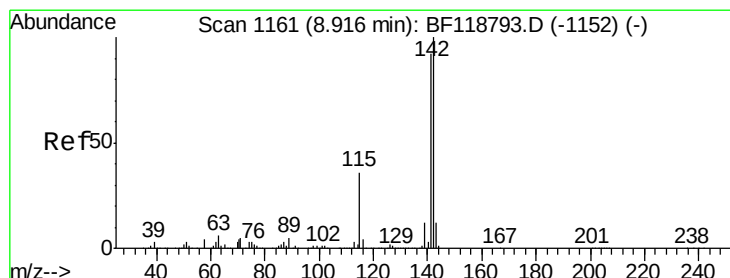
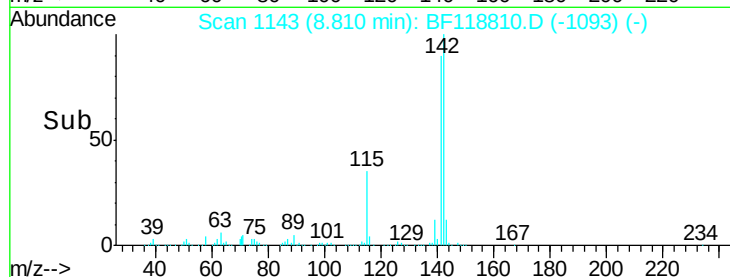
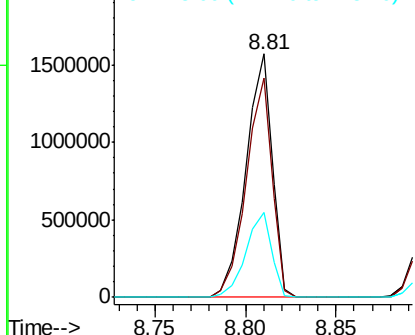
#37
2-Methylnaphthalene
Concen: 48.695 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 1581905
Ion Ratio Lower Upper
142 100
141 90.1 70.1 105.1
115 35.1 27.3 40.9

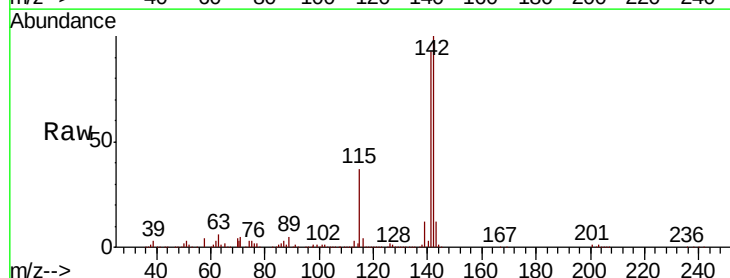


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

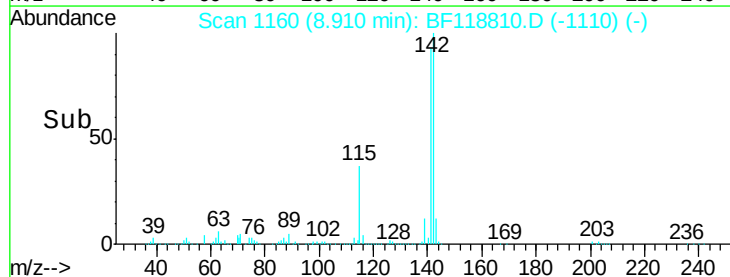
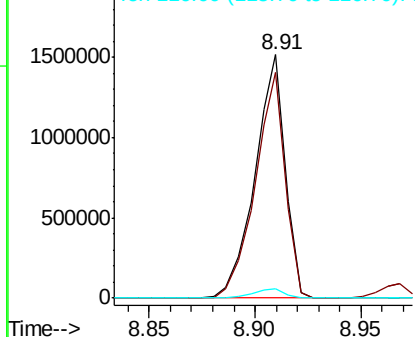


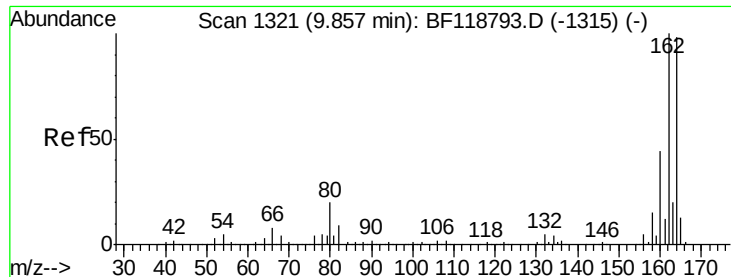
#38
1-Methylnaphthalene
Concen: 49.009 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion:142 Resp: 1497695
Ion Ratio Lower Upper
142 100
141 92.6 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: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_G

ClientSampleId :

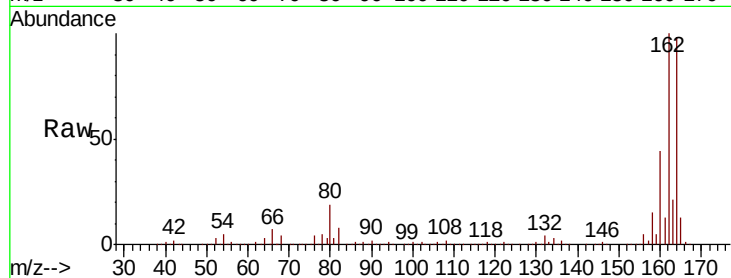
Tot Ion:164 Resp: 587118

Ion Ratio Lower Upper

164 100

162 101.6 81.4 122.2

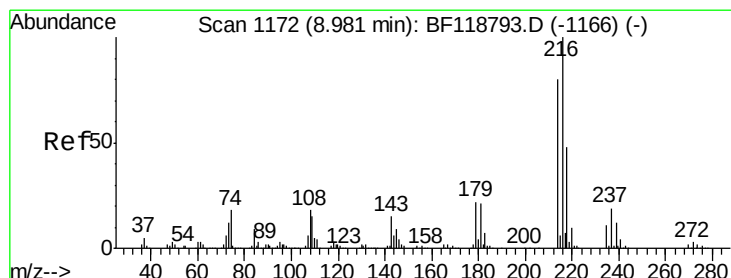
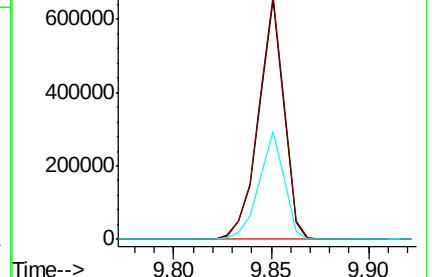
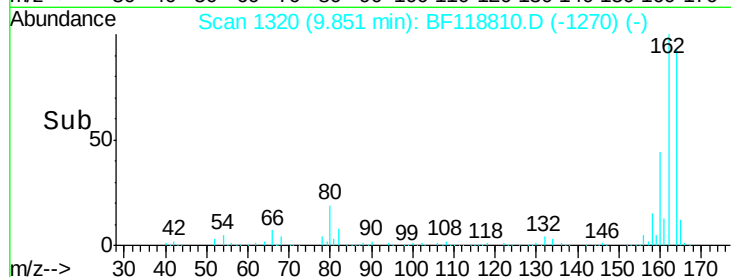
160 44.9 35.6 53.4



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: 44.135 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Tgt Ion:216 Resp: 782055

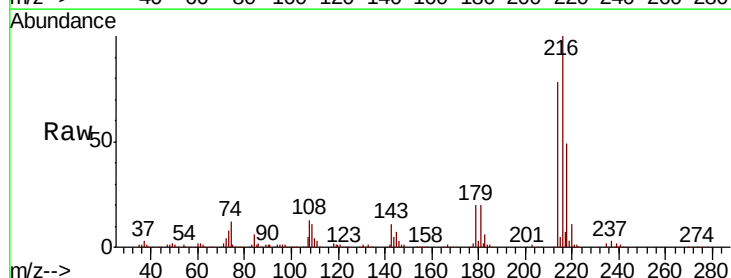
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 21.2 17.0 25.6

108 18.4 13.5 20.3

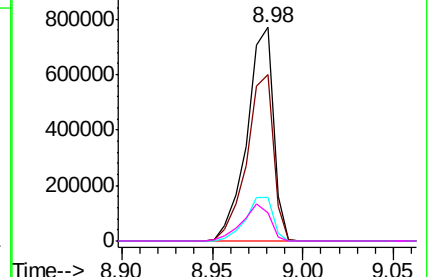
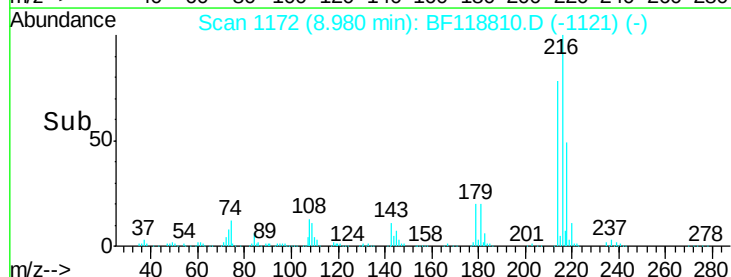


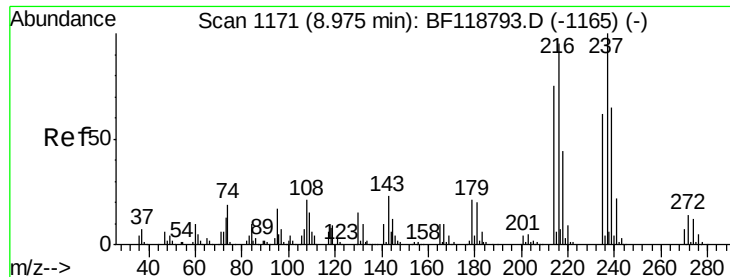
Abundance Ion 216.00 (215.70 to 216.70): E

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: 107.718 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_G

ClientSampleId :

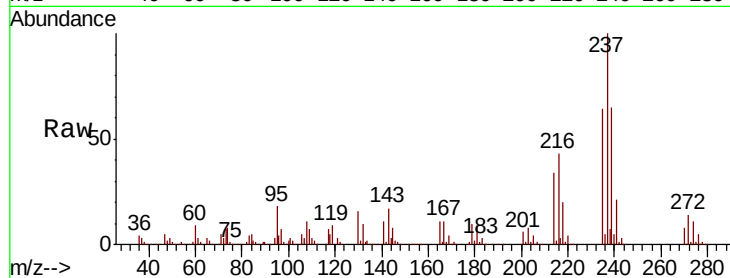
Tot Ion:237 Resp: 748441

Ion Ratio Lower Upper

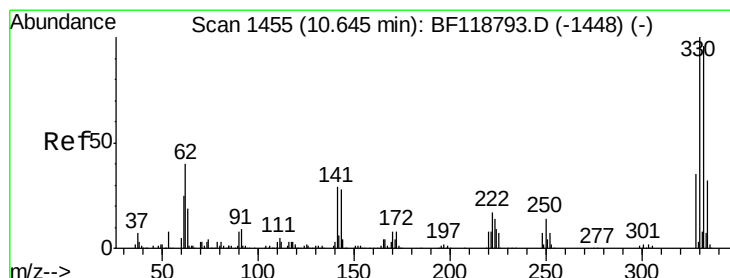
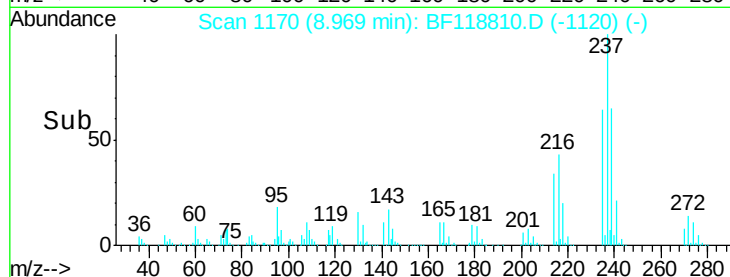
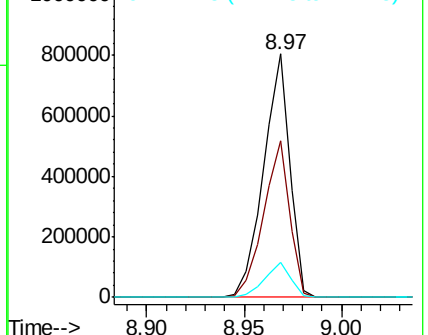
237 100

235 64.3 42.1 82.1

272 14.4 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: 101.373 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

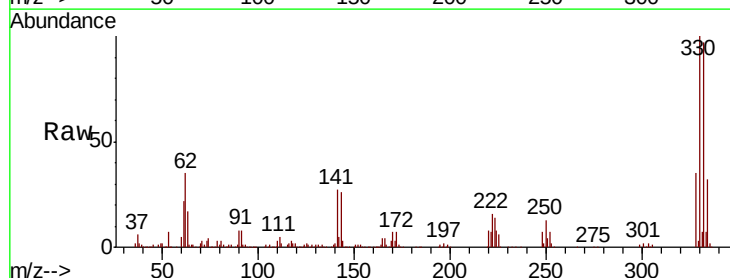
Tgt Ion:330 Resp: 712149

Ion Ratio Lower Upper

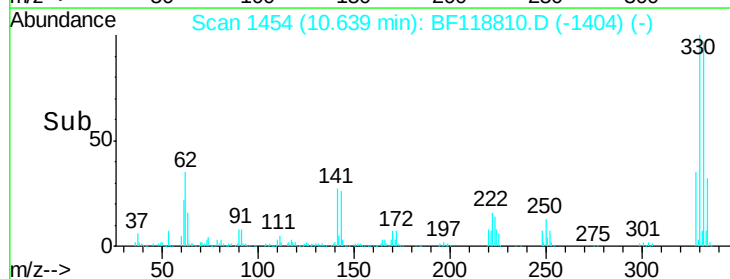
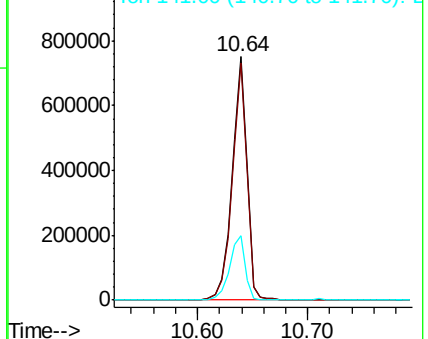
330 100

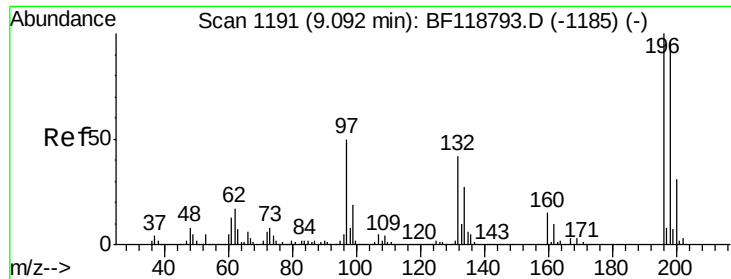
332 96.5 77.3 115.9

141 28.1 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

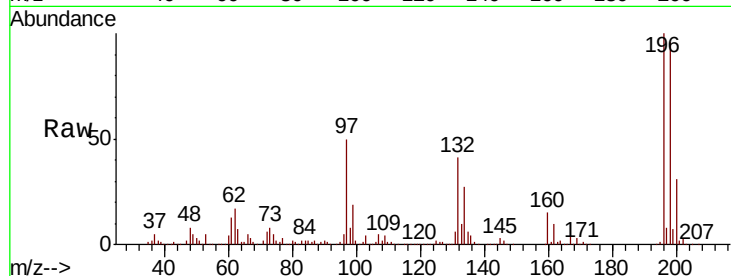




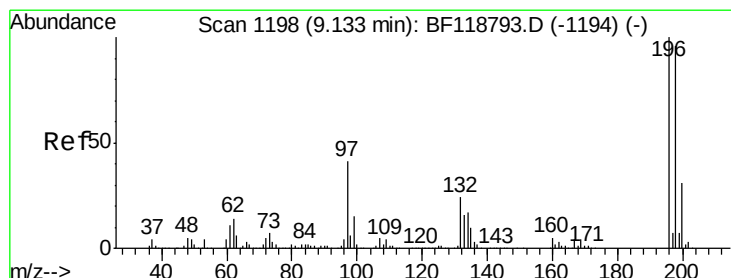
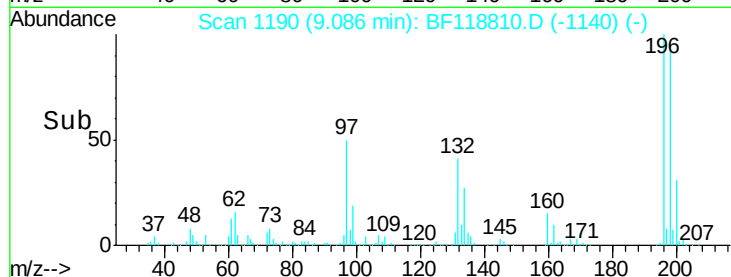
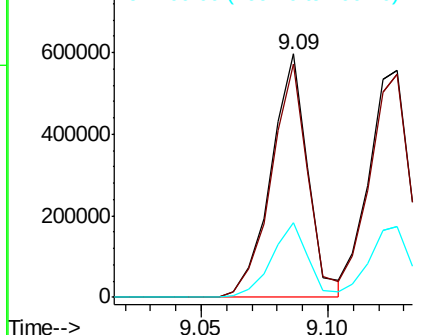
#43
 2,4,6-Trichlorophenol
 Concen: 51.154 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	606142
Ion Ratio	Lower	Upper	
196	100		
198	95.9	76.7	115.1
200	30.8	24.9	37.3



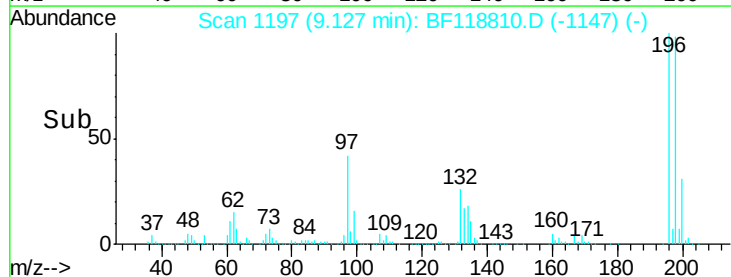
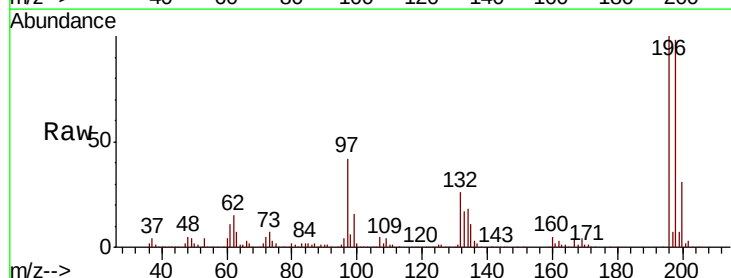
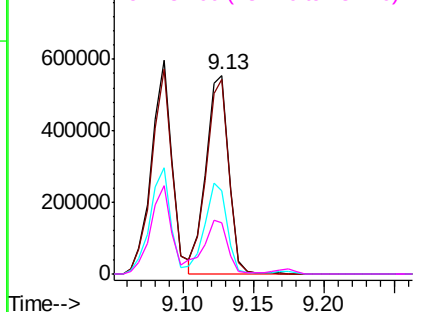
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

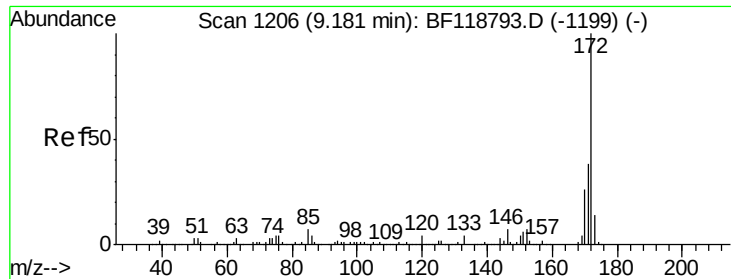


#44
 2,4,5-Trichlorophenol
 Concen: 51.331 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Tgt Ion	196	Resp	621471
Ion Ratio	Lower	Upper	
196	100		
198	98.1	77.0	115.4
97	41.8	32.9	49.3
132	25.5	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

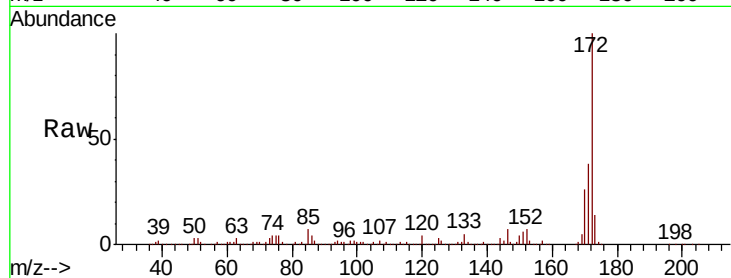




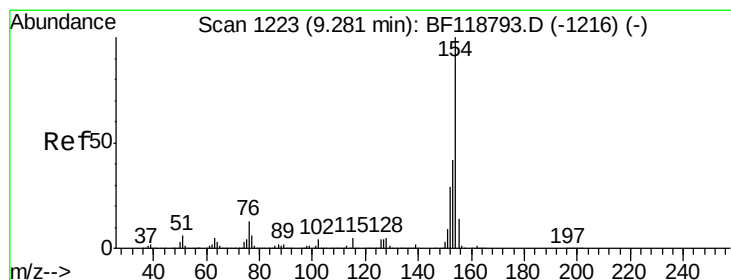
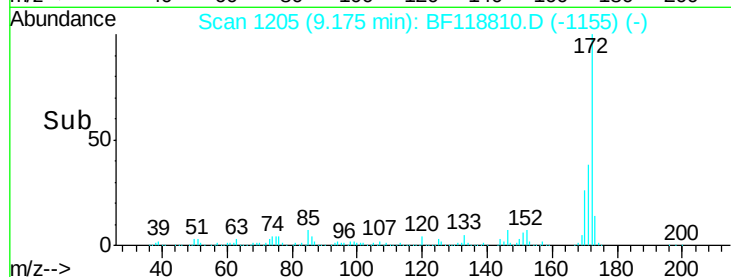
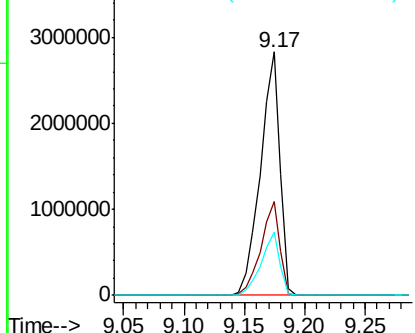
#45
2-Fluorobiphenyl
Concen: 96.552 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 3170971
Ion Ratio Lower Upper
172 100
171 38.4 30.8 46.2
170 25.9 20.5 30.7

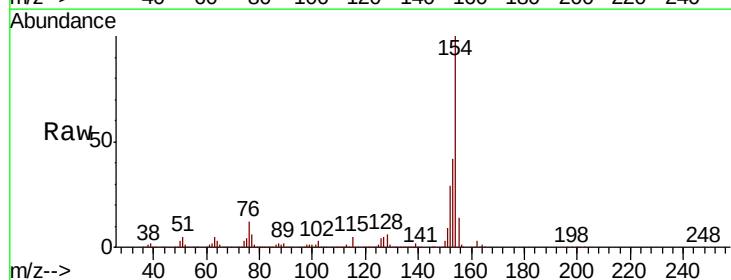


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

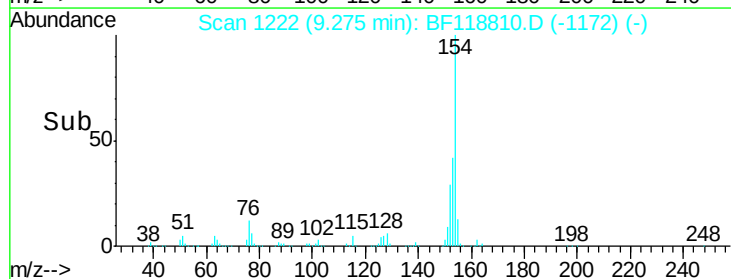
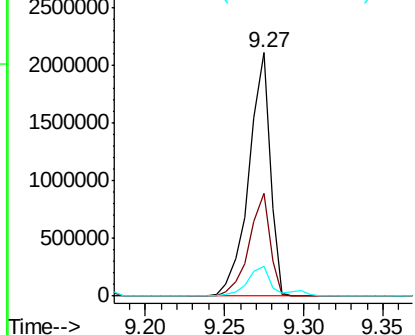


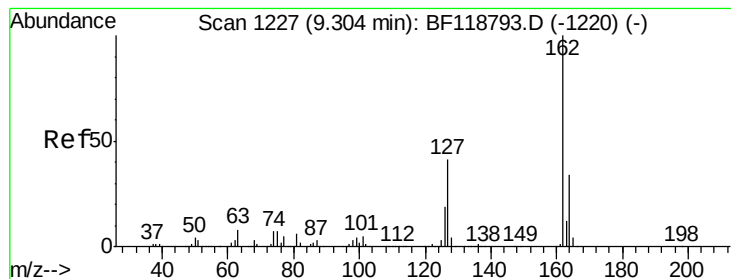
#46
1,1'-Biphenyl
Concen: 48.393 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion:154 Resp: 1965394
Ion Ratio Lower Upper
154 100
153 42.0 22.4 62.4
76 12.1 0.0 32.7



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





#47

2-Chloronaphthalene

Concen: 46.538 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_G

ClientSampleId :

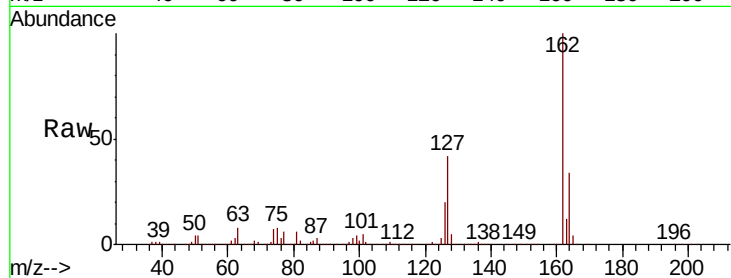
Tot Ion:162 Resp: 1571276

Ion Ratio Lower Upper

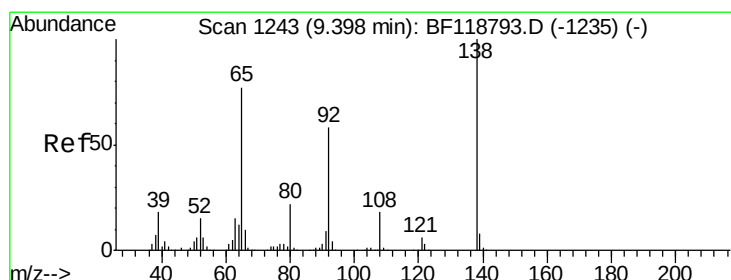
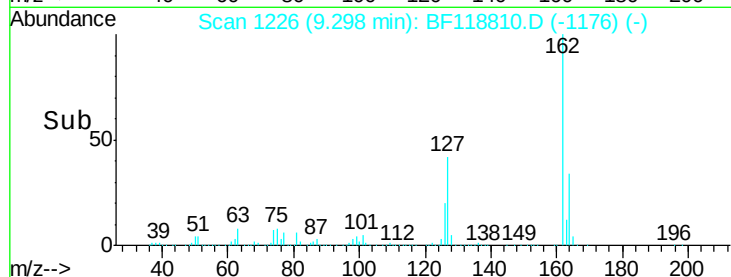
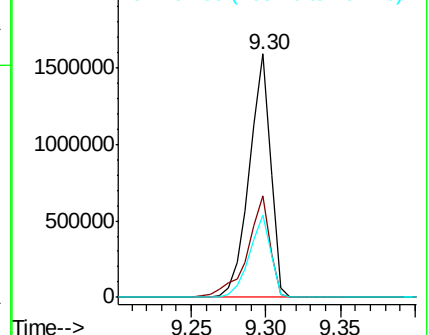
162 100

127 41.6 33.3 49.9

164 33.7 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: 47.919 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

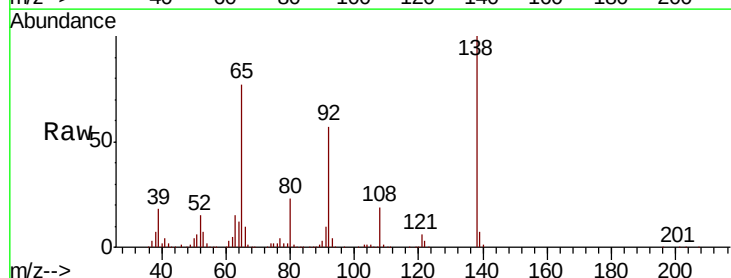
Tgt Ion: 65 Resp: 466636

Ion Ratio Lower Upper

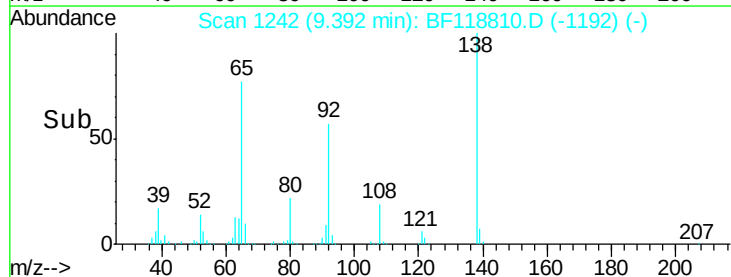
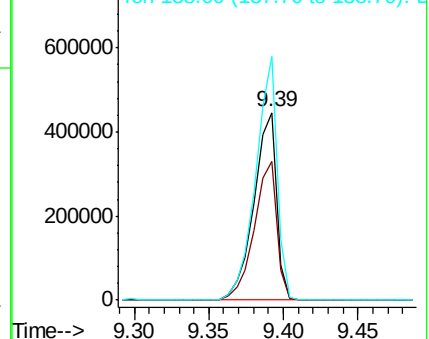
65 100

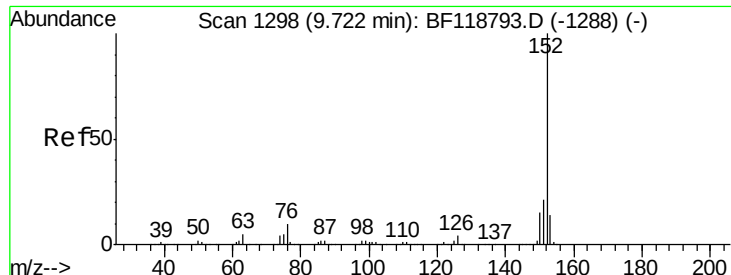
92 74.2 60.6 91.0

138 130.0 104.6 156.8



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





#49

Acenaphthylene

Concen: 50.099 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_G

ClientSampleId :

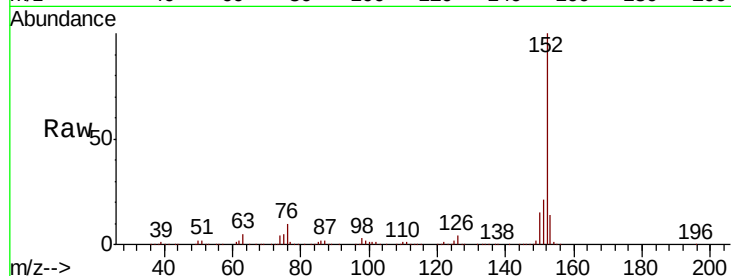
Tot Ion:152 Resp: 2442345

Ion Ratio Lower Upper

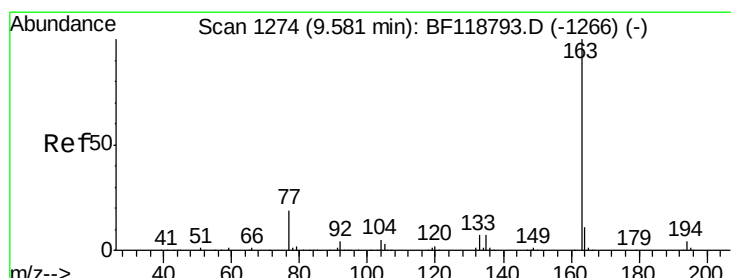
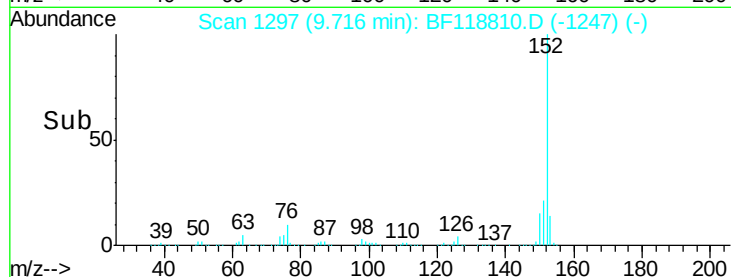
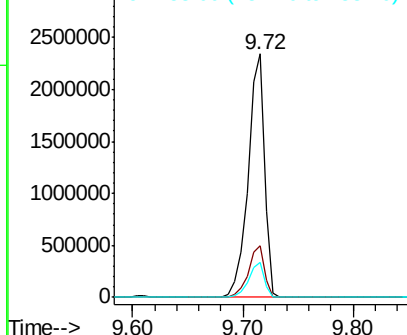
152 100

151 21.3 17.1 25.7

153 14.1 11.0 16.4



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



#50

Dimethylphthalate

Concen: 54.583 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

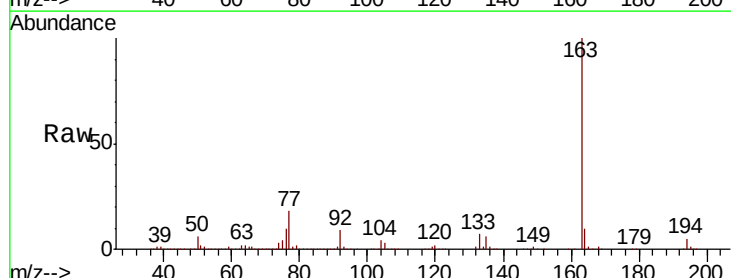
Tgt Ion:163 Resp: 2182092

Ion Ratio Lower Upper

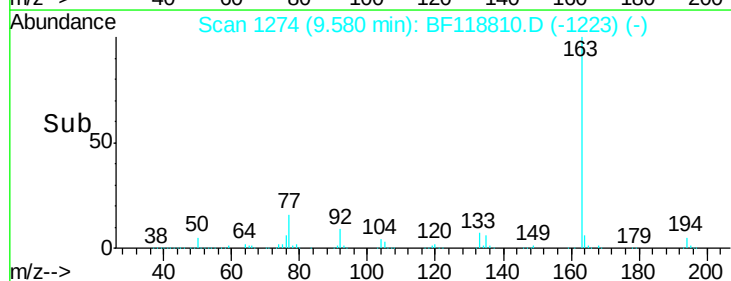
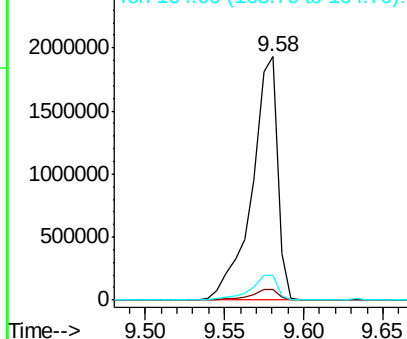
163 100

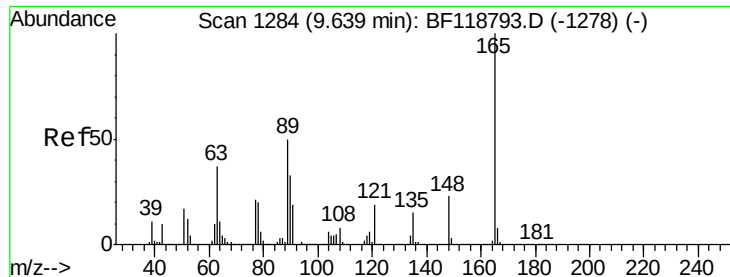
194 4.6 3.6 5.4

164 10.2 8.7 13.1



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

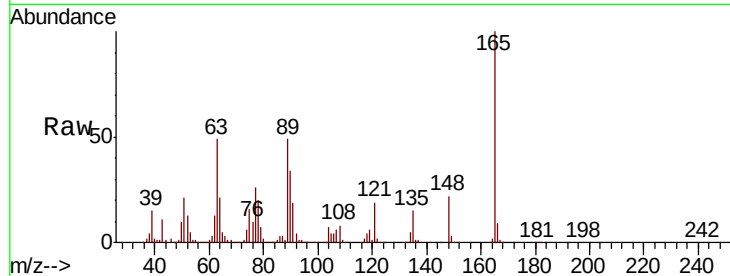




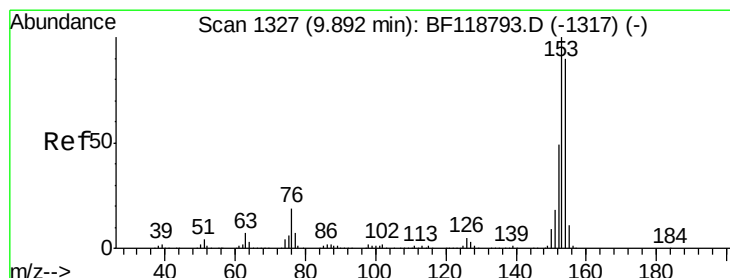
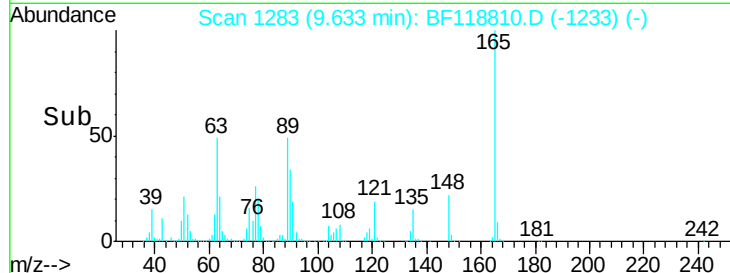
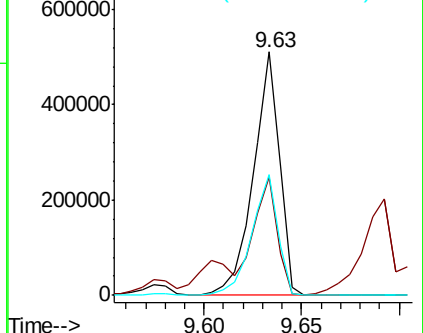
#51
 2,6-Dinitrotoluene
 Concen: 51.886 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 474608
 Ion Ratio Lower Upper
 165 100
 63 48.8 37.4 56.0
 89 49.5 39.7 59.5

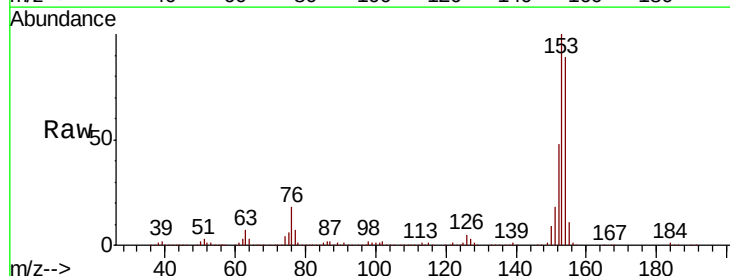


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

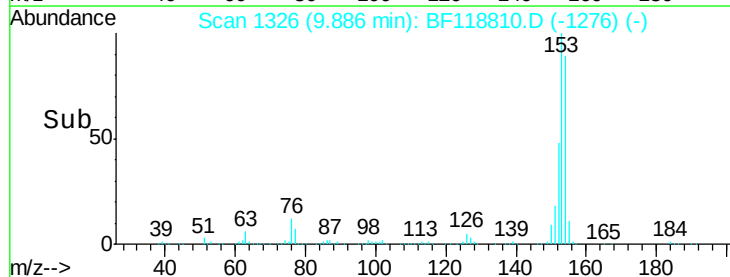
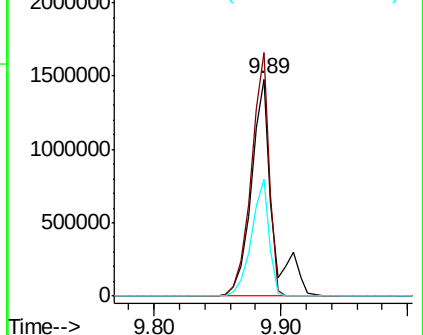


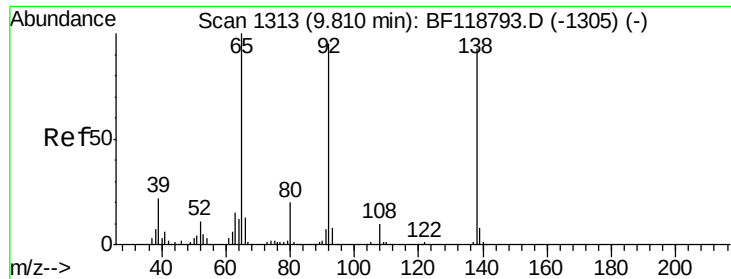
#52
 Acenaphthene
 Concen: 53.695 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Tgt Ion:154 Resp: 1724917
 Ion Ratio Lower Upper
 154 100
 153 112.2 89.4 134.0
 152 54.1 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

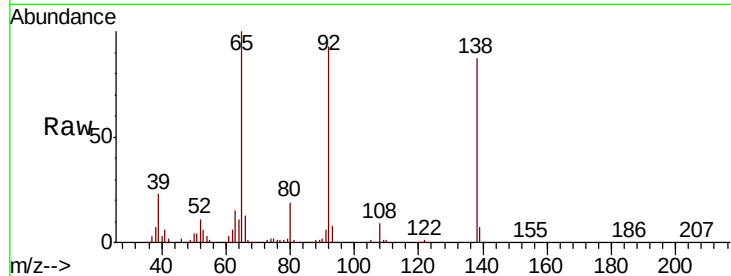




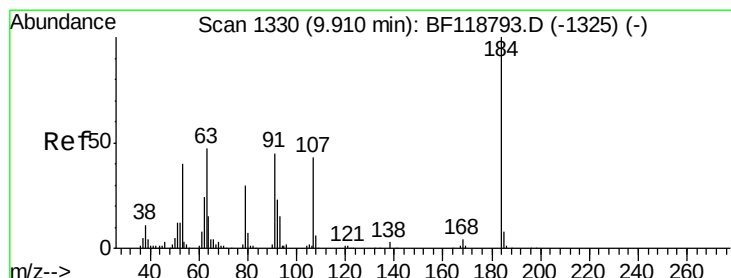
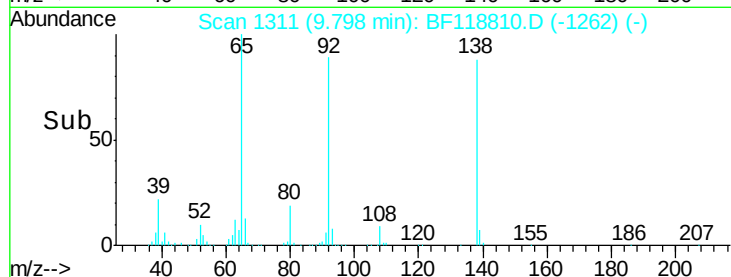
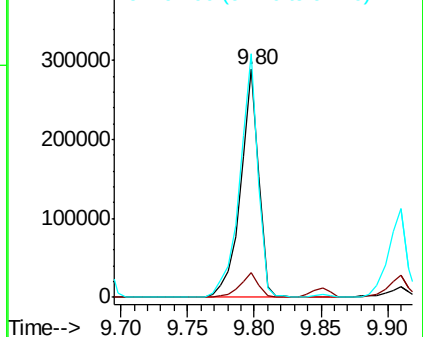
#53
3-Nitroaniline
Concen: 26.893 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 272821
Ion Ratio Lower Upper
138 100
108 10.8 8.5 12.7
92 106.9 82.2 123.4

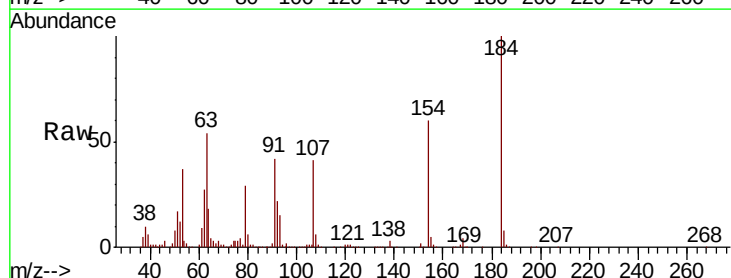


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

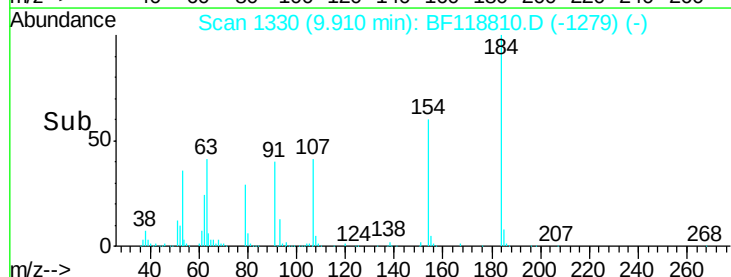
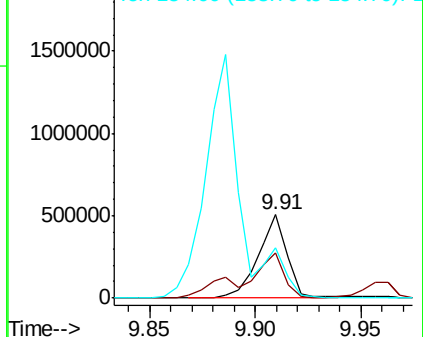


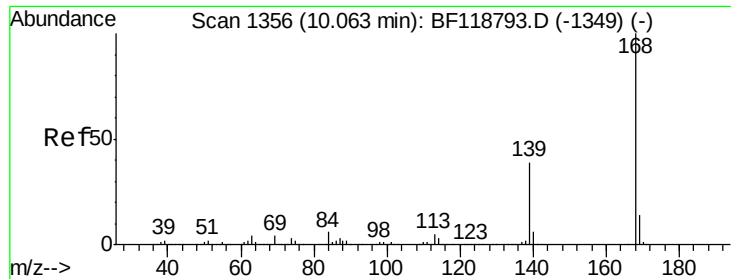
#54
2,4-Dinitrophenol
Concen: 109.408 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion:184 Resp: 481110
Ion Ratio Lower Upper
184 100
63 54.0 47.5 71.3
154 60.1 48.6 72.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

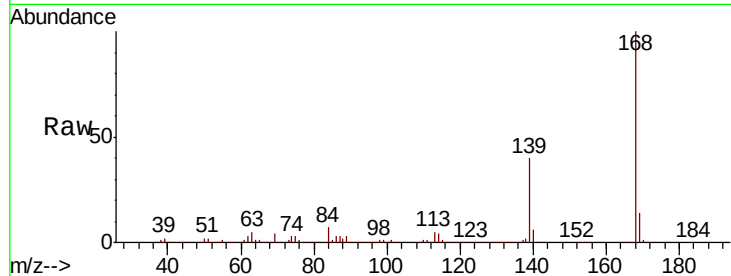




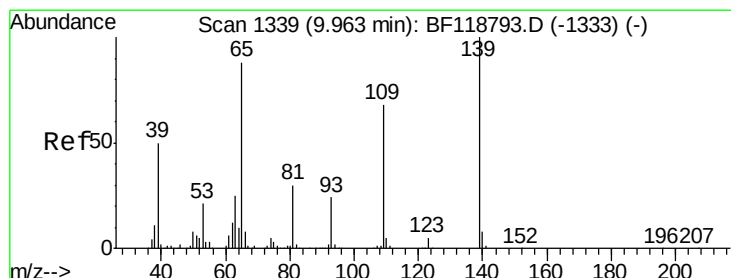
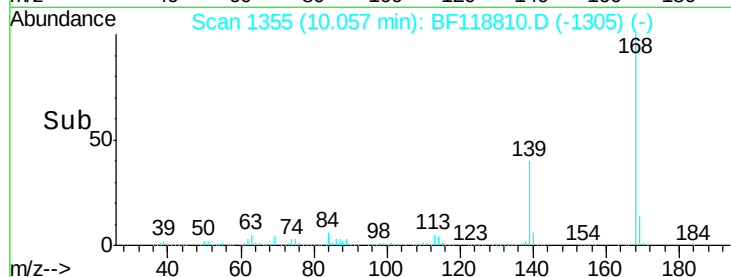
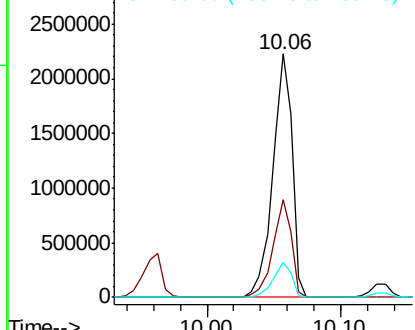
#55
Dibenzofuran
Concen: 48.601 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 2256310
Ion Ratio Lower Upper
168 100
139 40.2 31.6 47.4
169 14.2 11.4 17.2

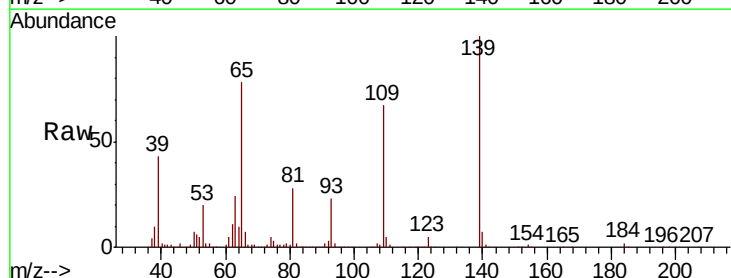


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

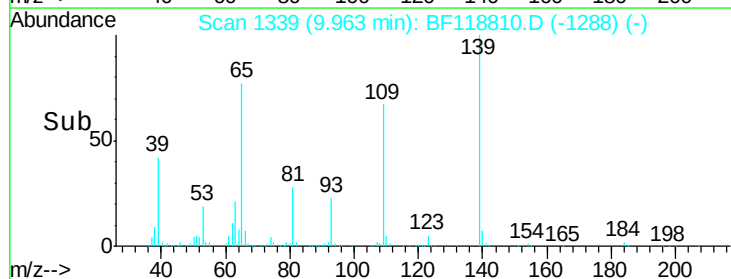
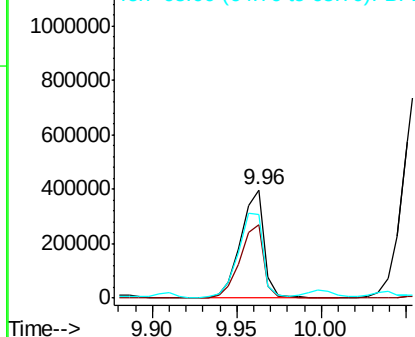


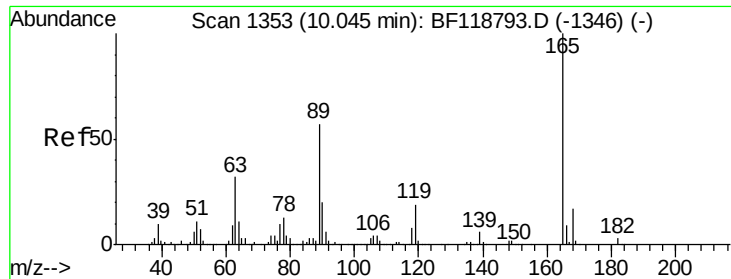
#56
4-Nitrophenol
Concen: 52.924 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion:139 Resp: 388569
Ion Ratio Lower Upper
139 100
109 67.3 48.0 88.0
65 77.7 68.3 108.3



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

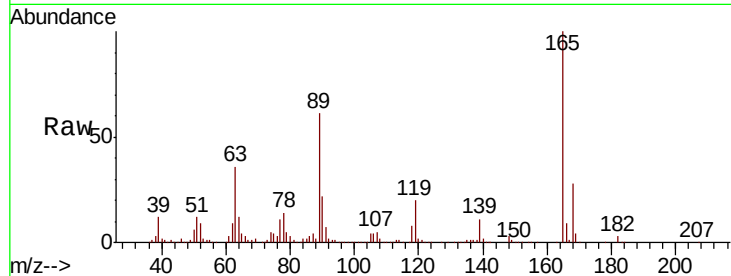




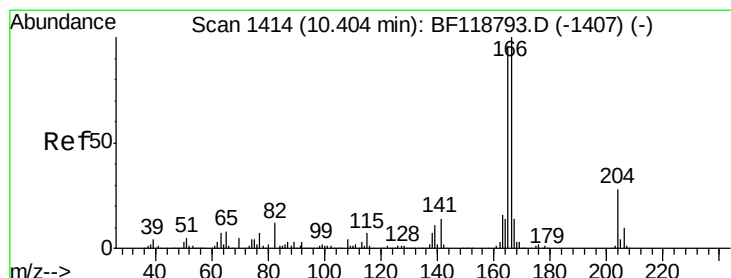
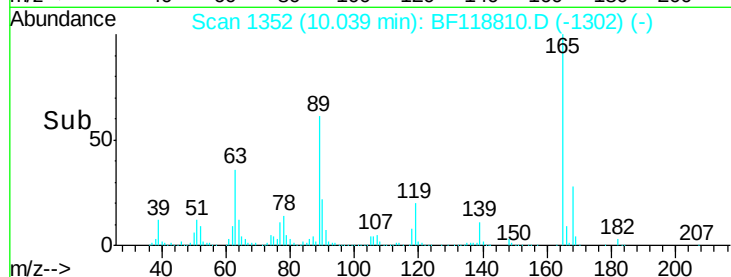
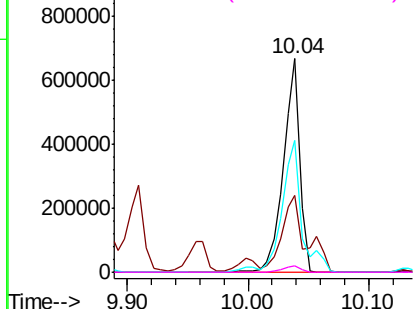
#57
2,4-Dinitrotoluene
Concen: 51.875 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 627959
Ion Ratio Lower Upper
165 100
63 35.8 25.5 38.3
89 61.5 45.4 68.0
182 3.0 2.4 3.6

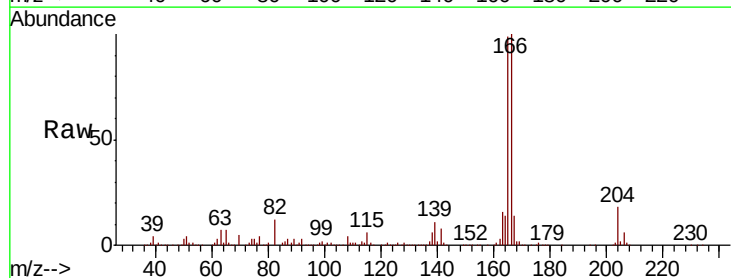


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

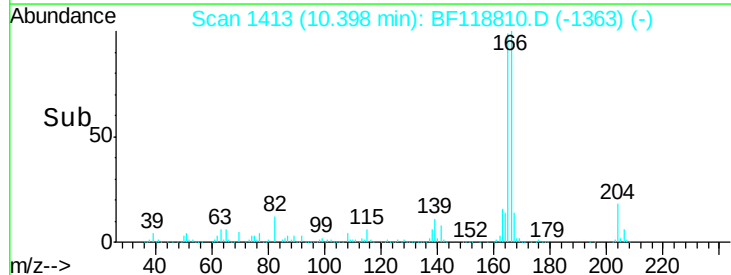
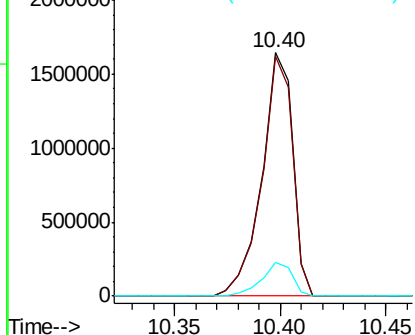


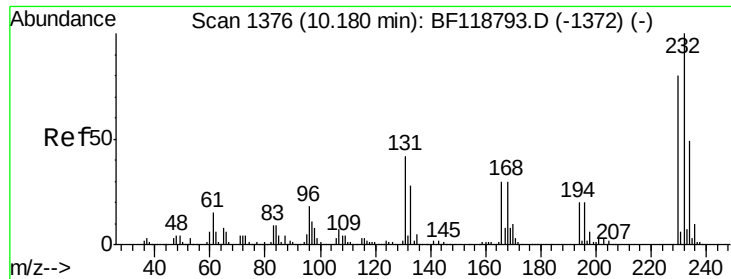
#58
Fluorene
Concen: 48.106 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion:166 Resp: 1680167
Ion Ratio Lower Upper
166 100
165 98.6 77.0 115.6
167 14.0 11.1 16.7



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

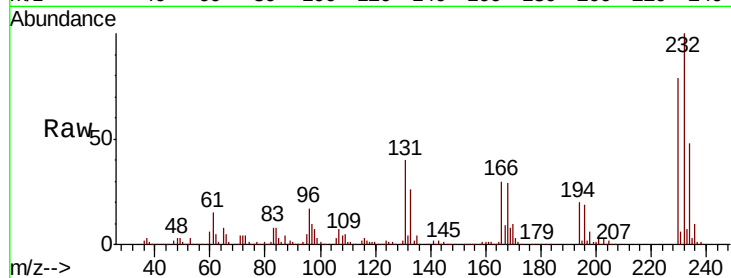




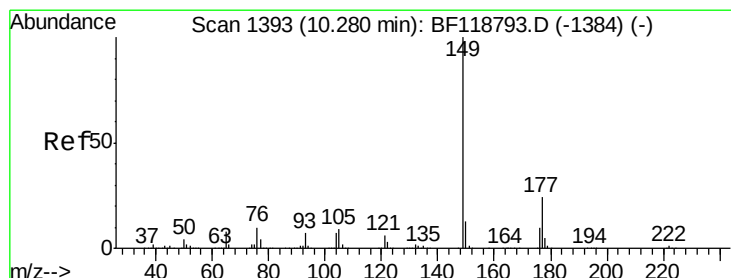
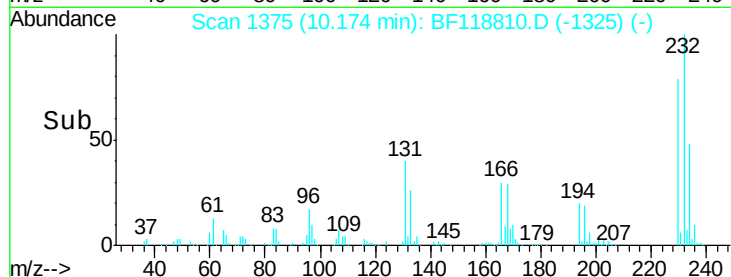
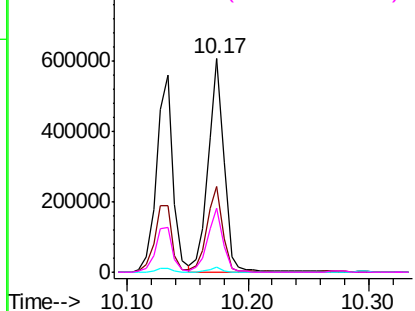
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.666 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	546294
Ion	Ratio	Lower	Upper
232	100		
131	40.7	31.8	47.6
130	2.0	1.6	2.4
166	29.0	23.1	34.7

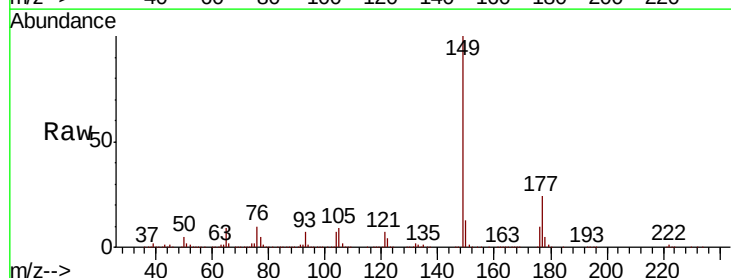


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

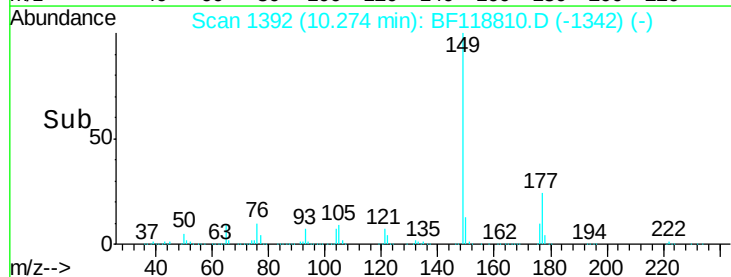
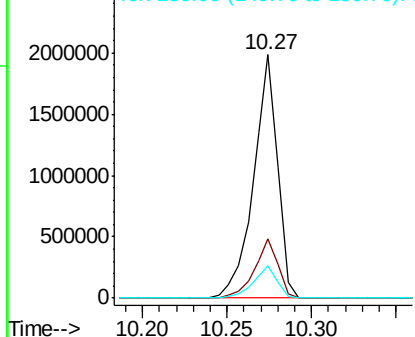


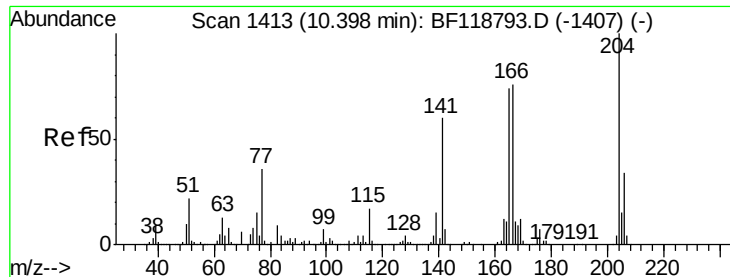
#60
 Diethylphthalate
 Concen: 50.642 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Tgt Ion:	149	Resp:	1968604
Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.3	28.9
150	13.2	10.4	15.6



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





#61

4-Chlorophenyl-phenylether

Concen: 47.960 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_G

ClientSampleId :

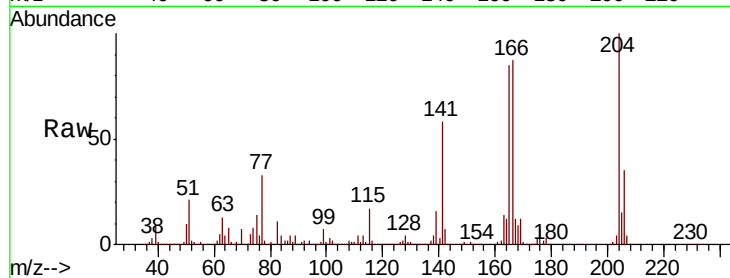
Tot Ion:204 Resp: 908420

Ion Ratio Lower Upper

204 100

206 34.6 27.4 41.2

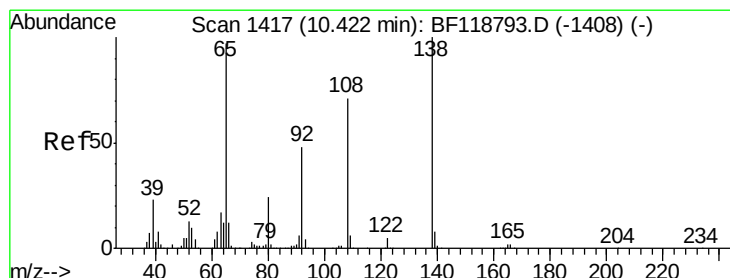
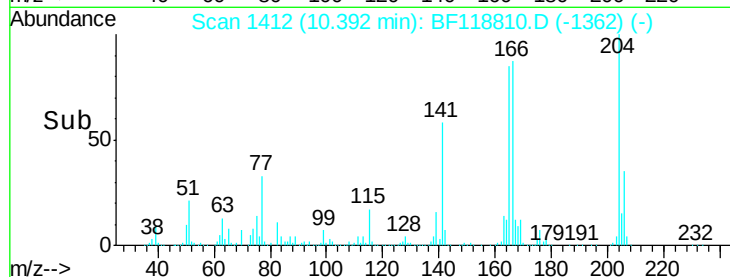
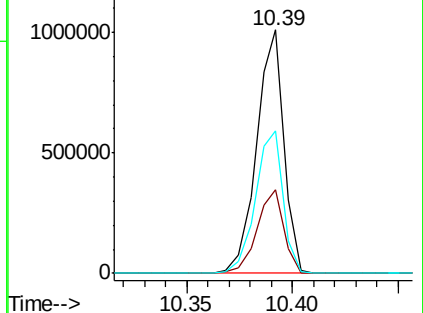
141 58.3 47.8 71.6



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 42.789 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

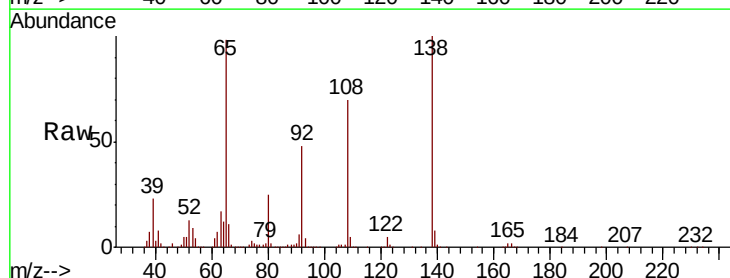
Tgt Ion:138 Resp: 434689

Ion Ratio Lower Upper

138 100

92 48.1 27.6 67.6

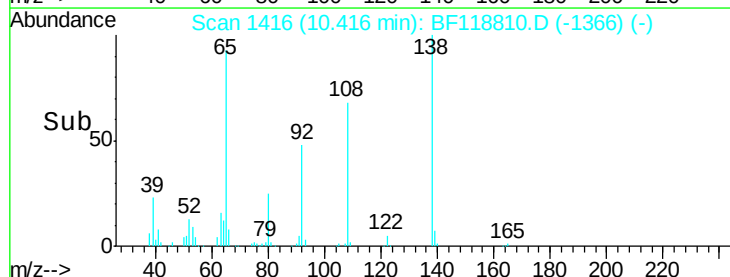
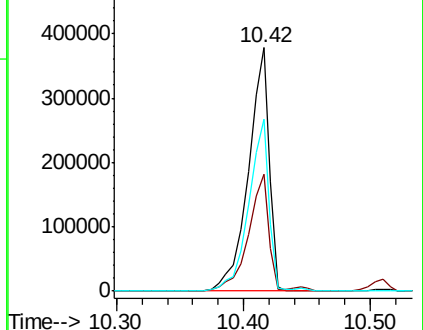
108 70.4 51.3 91.3

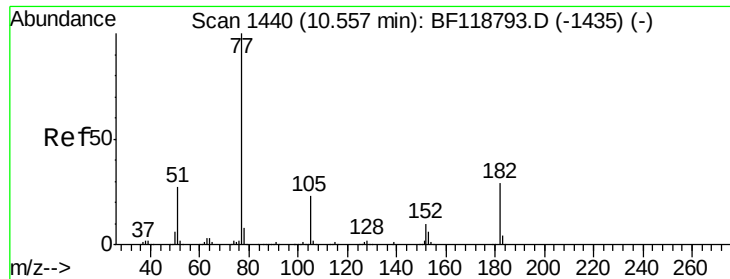


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 51.444 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1707291

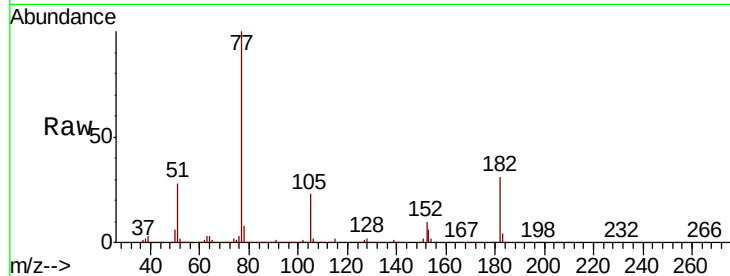
Ion Ratio Lower Upper

77 100

182 30.9 9.2 49.2

105 23.2 3.1 43.1

51 28.1 7.4 47.4

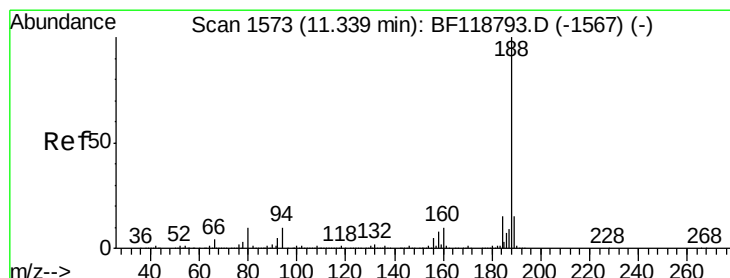
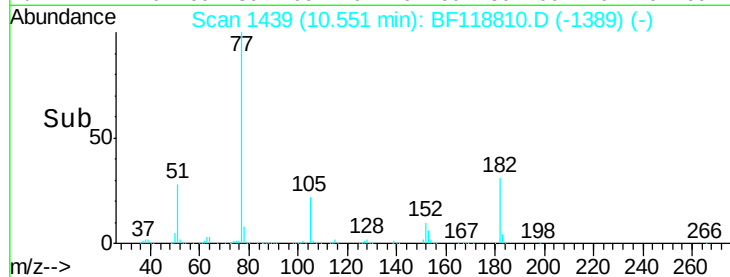
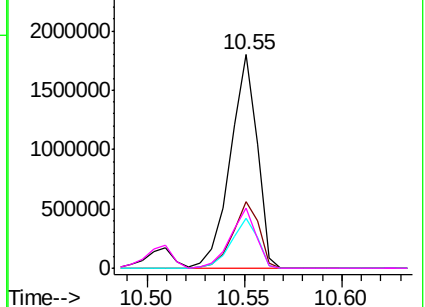


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

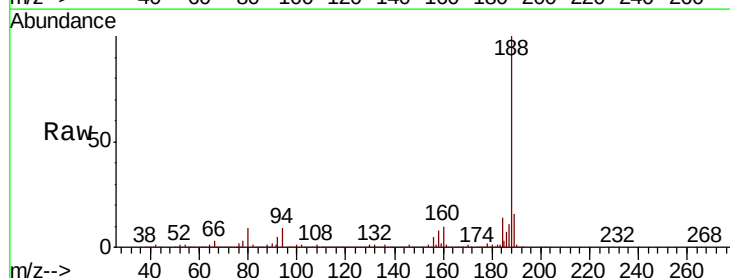
Tgt Ion: 188 Resp: 1094775

Ion Ratio Lower Upper

188 100

94 8.7 7.9 11.9

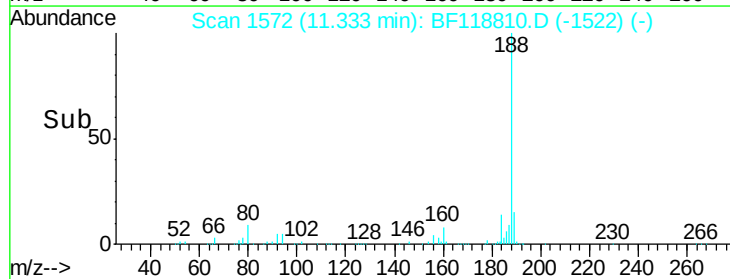
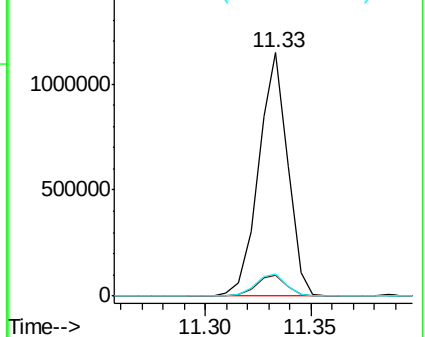
80 9.1 8.4 12.6

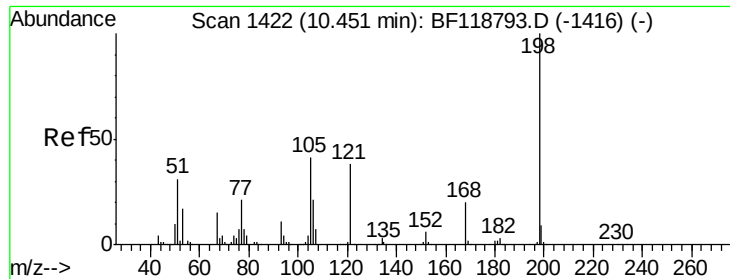


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

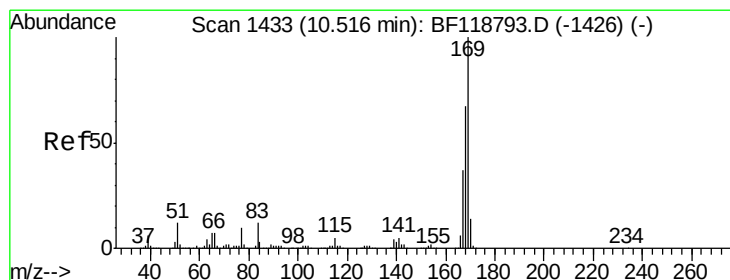
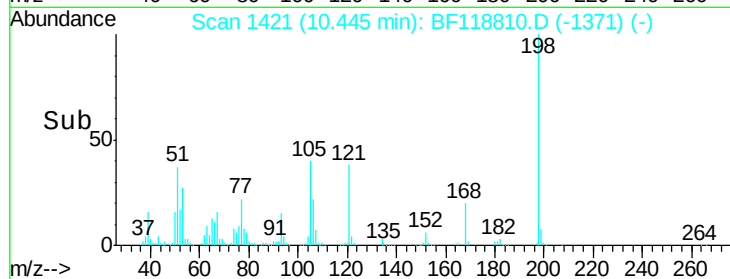
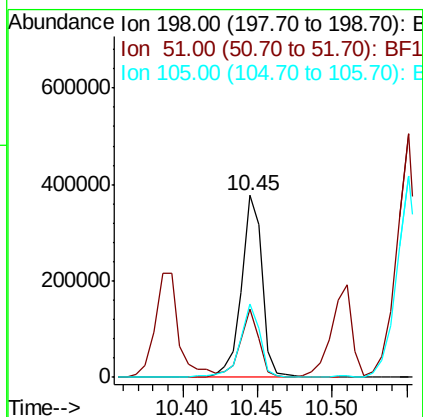
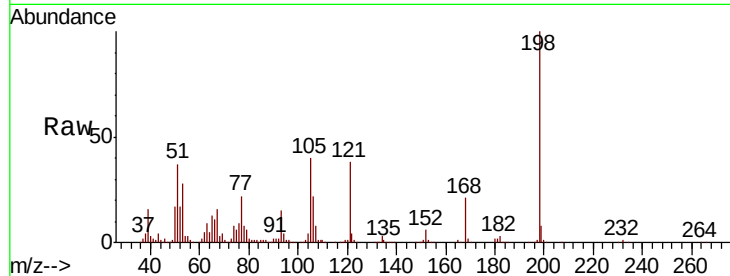




#65
 4,6-Dinitro-2-methylphenol
 Concen: 59.305 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

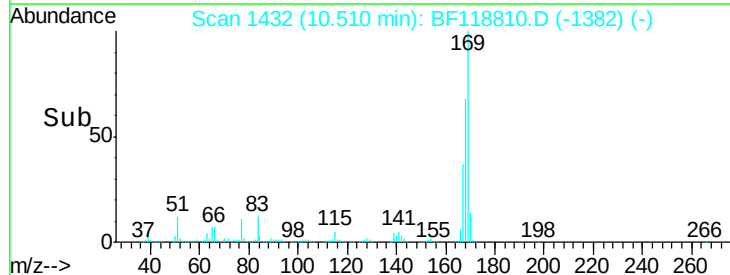
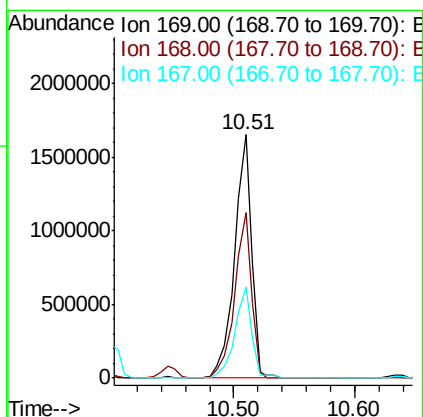
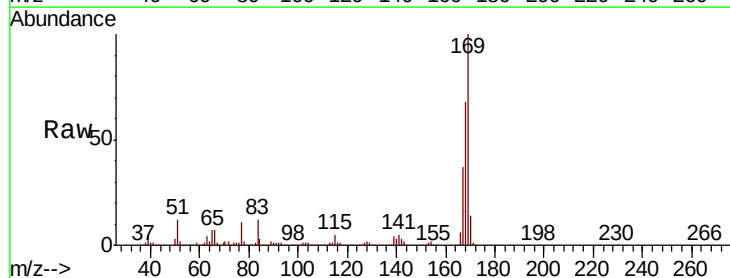
Instrument :
 BNA_G
 ClientSampleId :

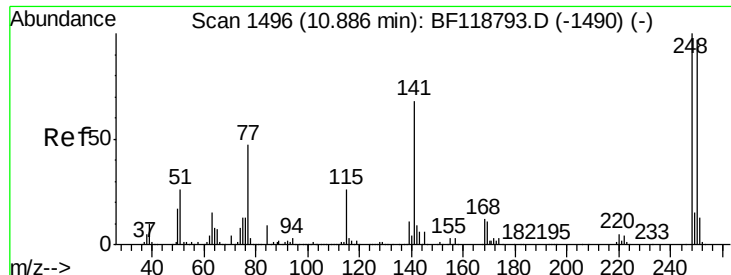
Tot Ion:198 Resp: 364828
 Ion Ratio Lower Upper
 198 100
 51 37.2 16.7 56.7
 105 40.1 22.0 62.0



#66
 n-Nitrosodiphenylamine
 Concen: 51.210 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Tgt Ion:169 Resp: 1623958
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.5 80.3
 167 37.5 29.3 43.9

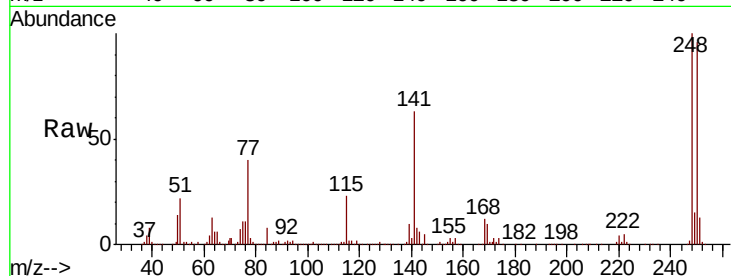




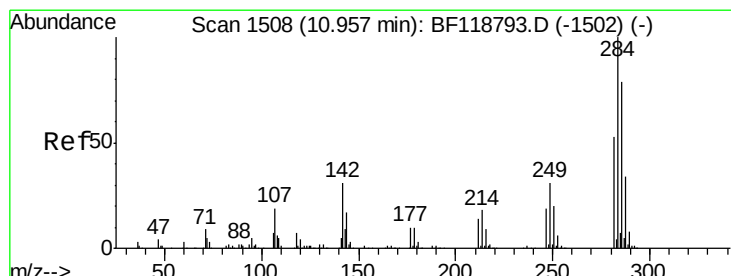
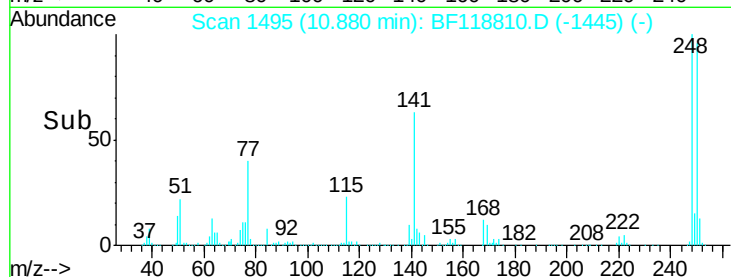
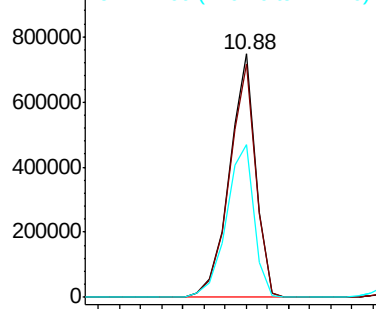
#67
 4-Bromophenyl-phenylether
 Concen: 49.914 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 646423
 Ion Ratio Lower Upper
 248 100
 250 96.0 77.6 116.4
 141 62.7 54.4 81.6

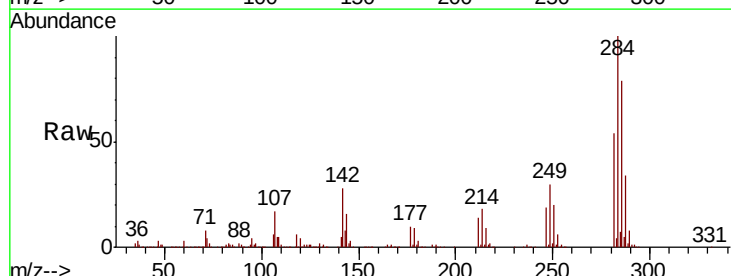


Abundance Ion 248.00 (247.70 to 248.70): E
 1000000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

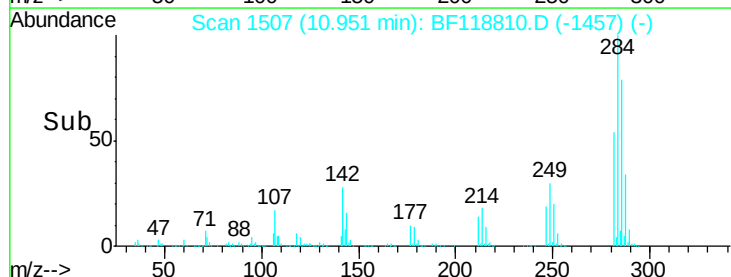
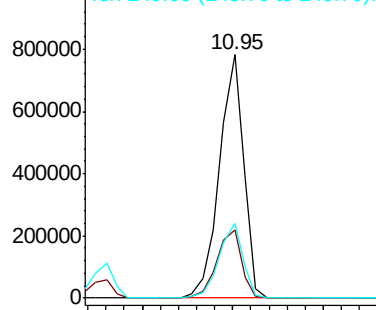


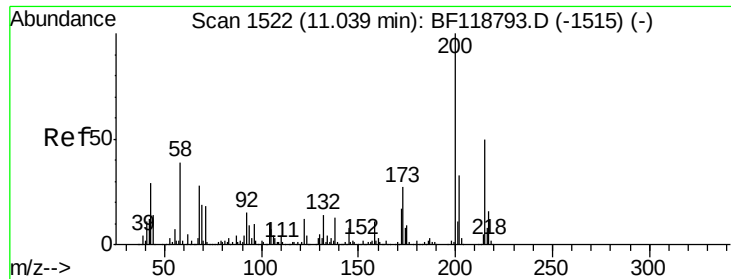
#68
 Hexachlorobenzene
 Concen: 49.061 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Tgt Ion:284 Resp: 728774
 Ion Ratio Lower Upper
 284 100
 142 28.3 24.5 36.7
 249 30.5 24.7 37.1



Abundance Ion 283.80 (283.50 to 284.50): E
 1000000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

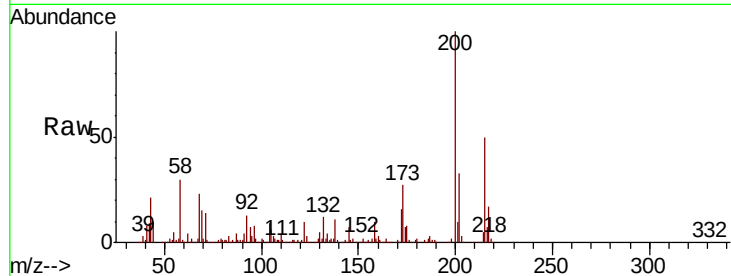




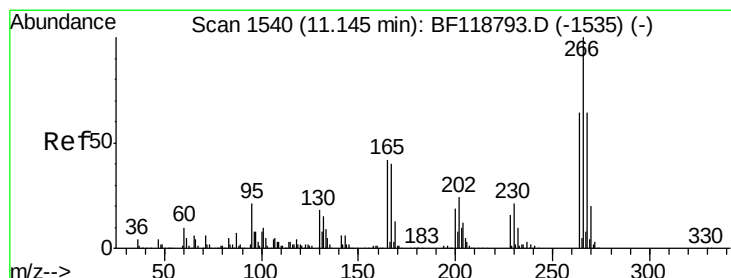
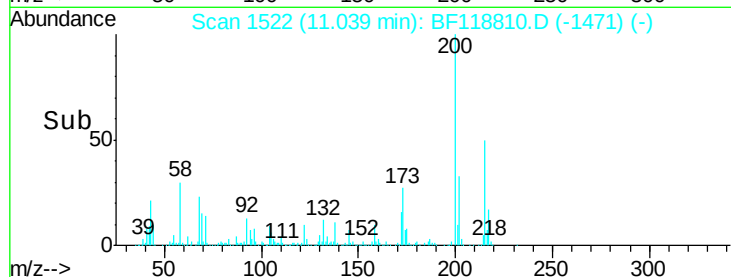
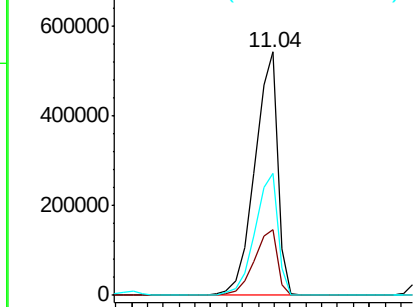
#69
Atrazine
Concen: 51.729 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.5	47.5
215	50.3	29.9	69.9

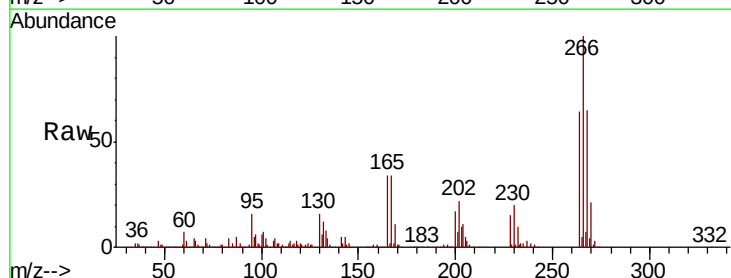


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

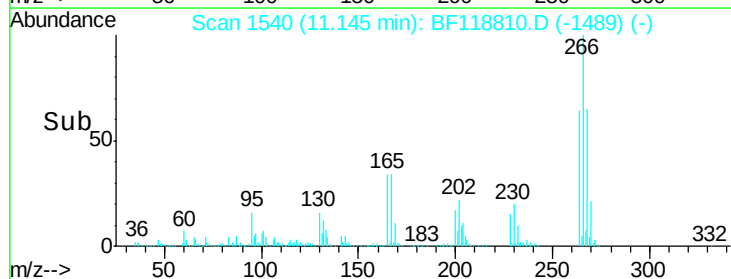
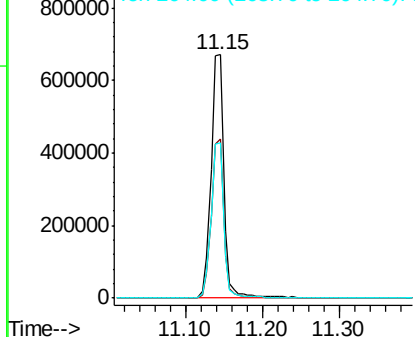


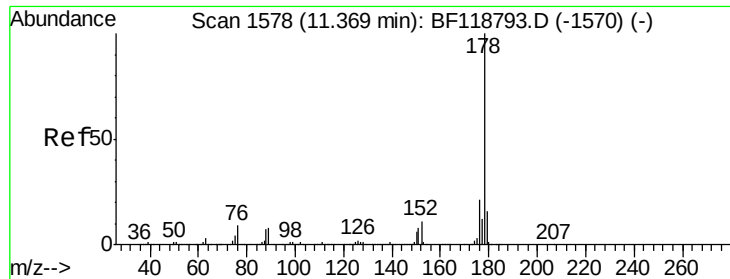
#70
Pentachlorophenol
Concen: 97.521 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.0	76.6
264	63.5	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

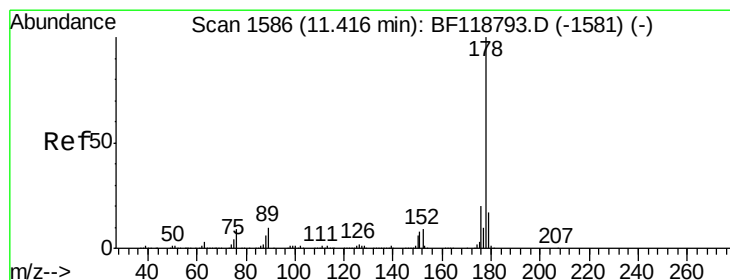
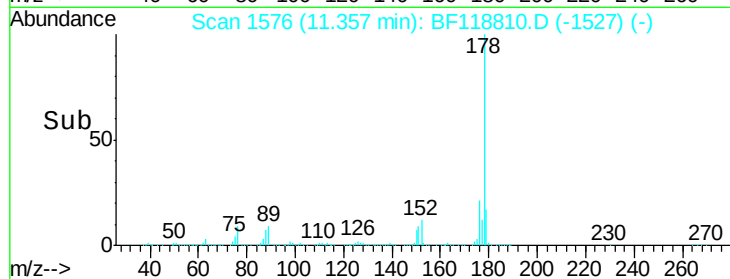
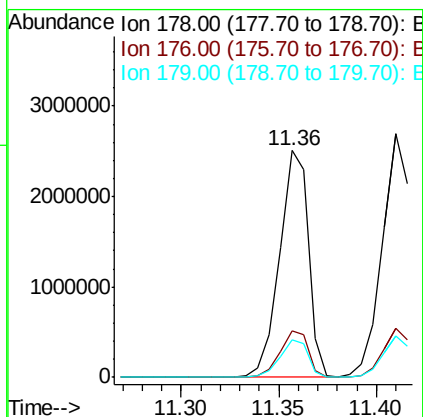
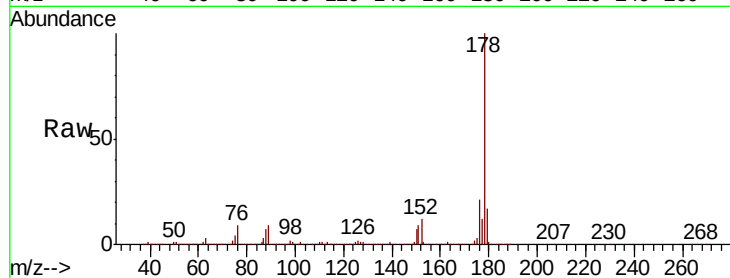




#71
Phenanthrene
Concen: 47.846 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

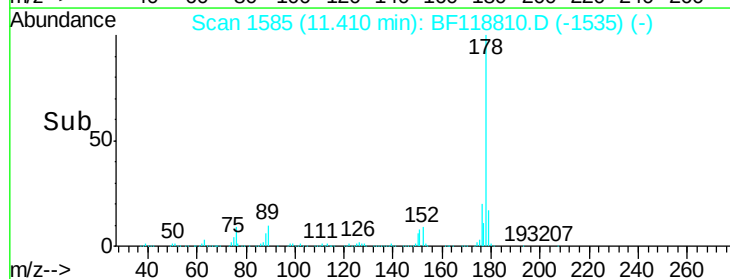
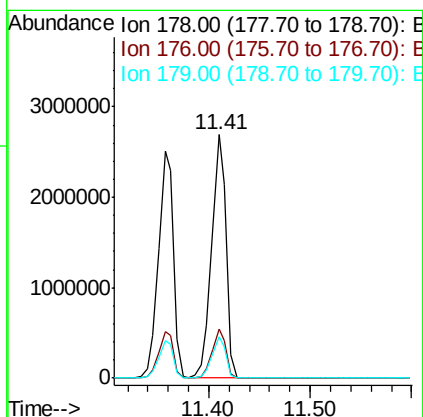
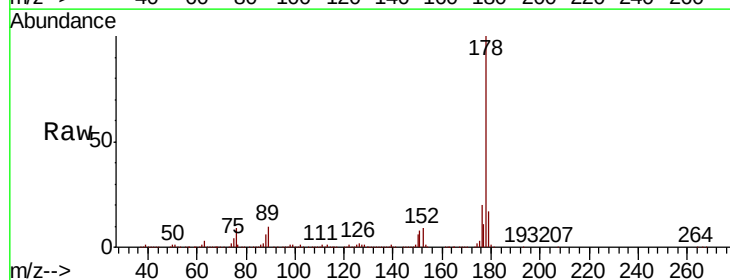
Instrument :
BNA_G
ClientSampleId :

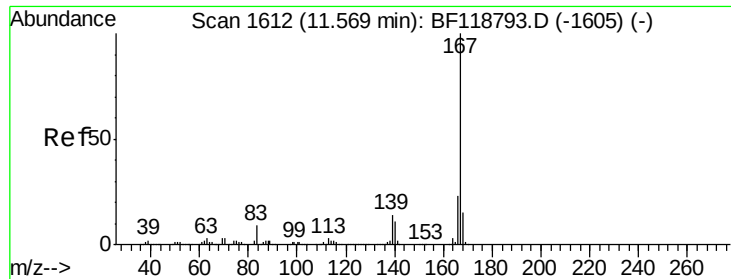
Tot Ion:178 Resp: 2577217
Ion Ratio Lower Upper
178 100
176 20.8 16.6 24.8
179 16.8 13.2 19.8



#72
Anthracene
Concen: 49.693 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion:178 Resp: 2662816
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 16.8 13.4 20.2

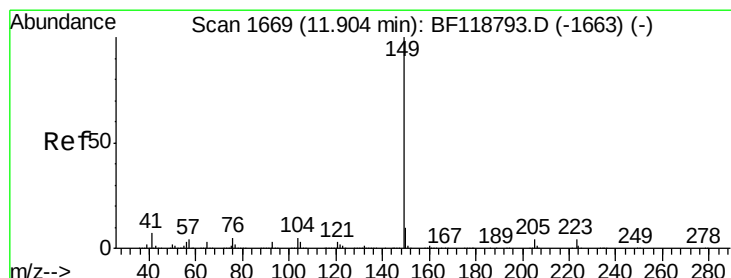
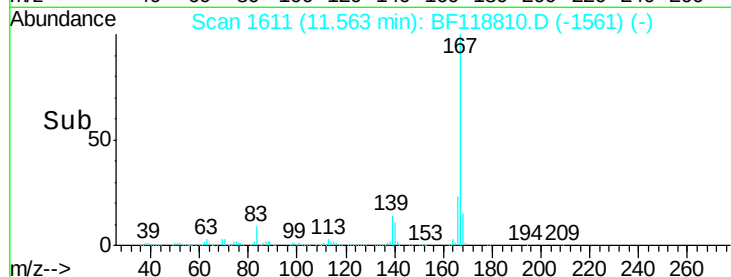
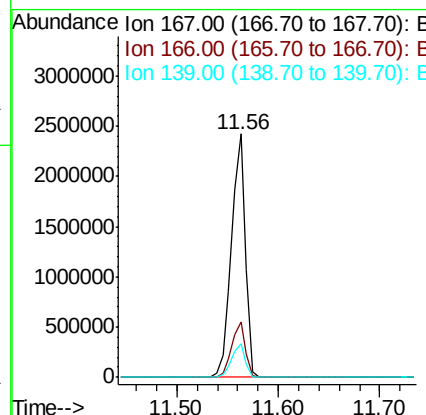
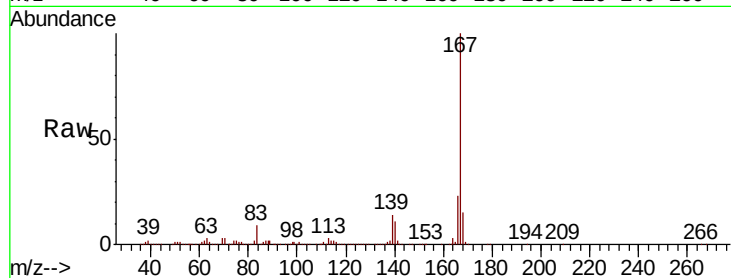




#73
 Carbazole
 Concen: 49.372 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

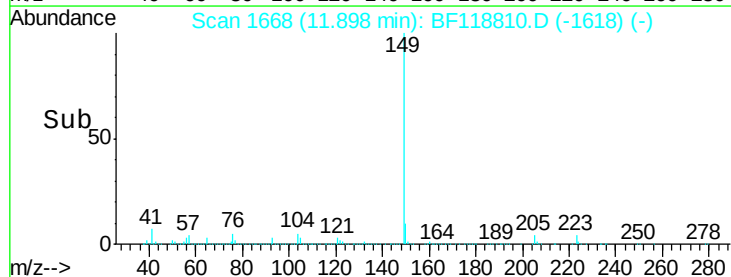
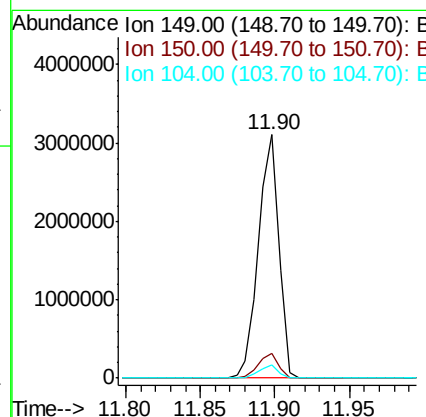
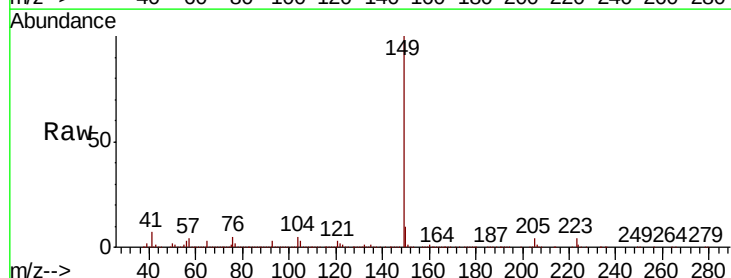
Instrument :
 BNA_G
 ClientSampleId :

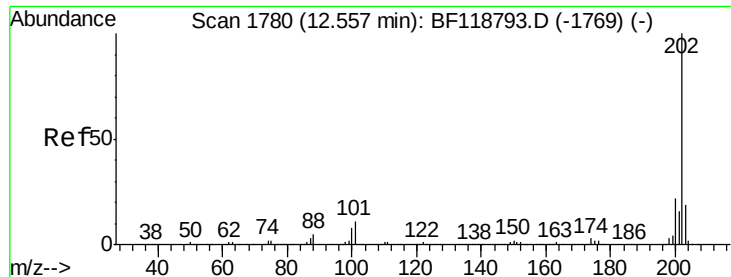
Tot Ion:167 Resp: 2321816
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.4 27.6
 139 14.0 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 48.625 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Tgt Ion:149 Resp: 2912976
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.1 12.1
 104 5.4 4.3 6.5





#75

Fluoranthene

Concen: 45.765 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_G

ClientSampleId :

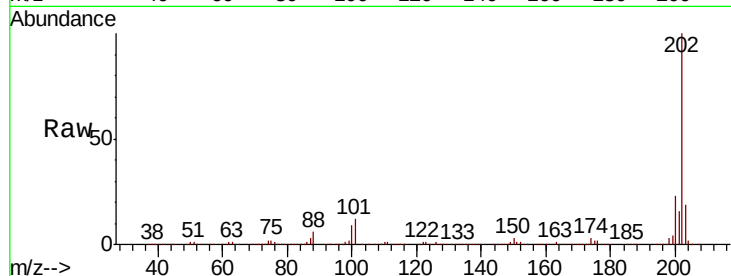
Tot Ion:202 Resp: 2691483

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.0

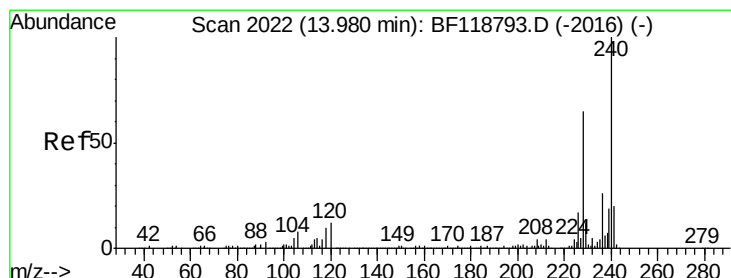
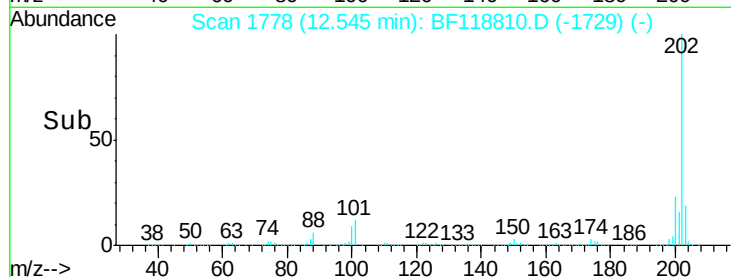
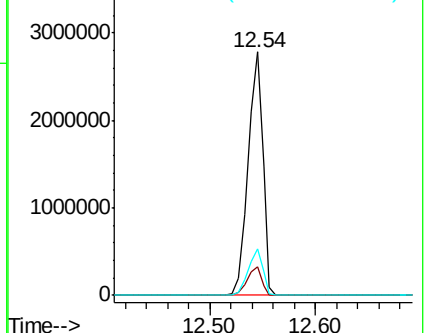
203 19.0 0.0 38.7



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: BF118810.D

Acq: 4 Feb 2020 19:21

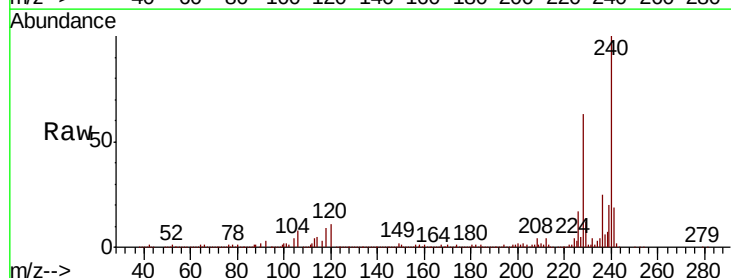
Tgt Ion:240 Resp: 703210

Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.0

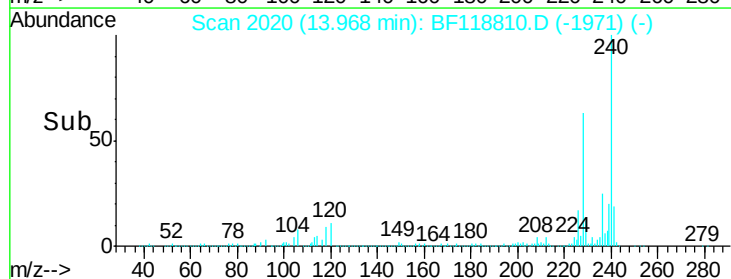
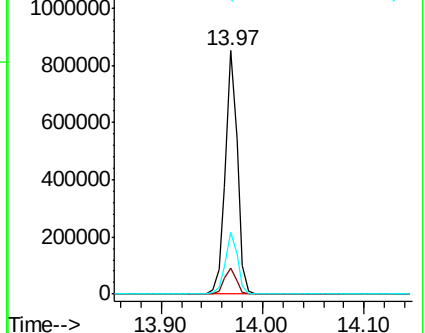
236 25.4 21.0 31.6

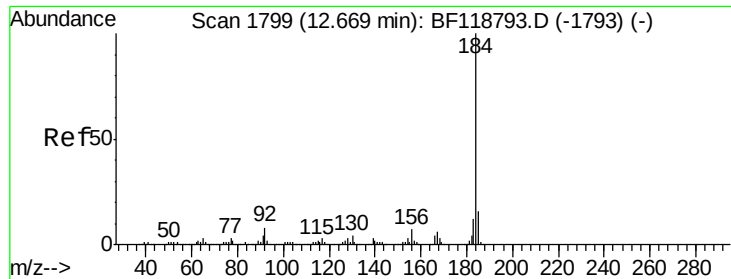


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

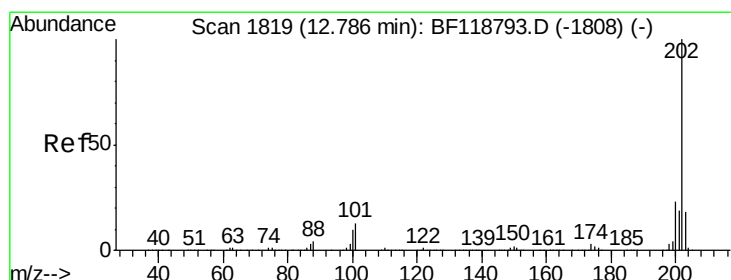
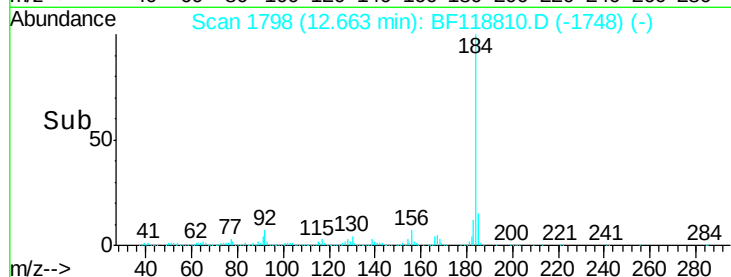
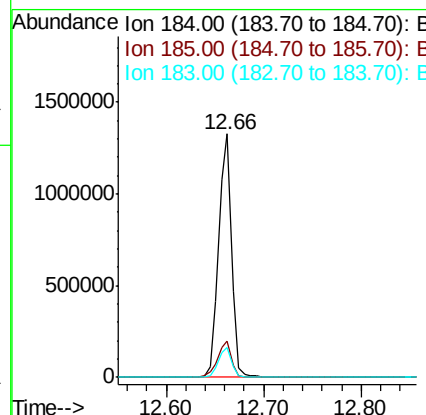
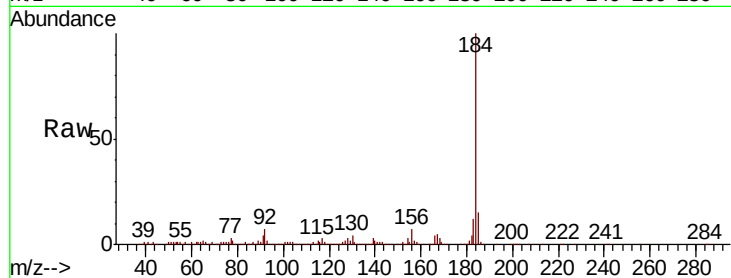




#77
Benzidine
Concen: 57.664 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

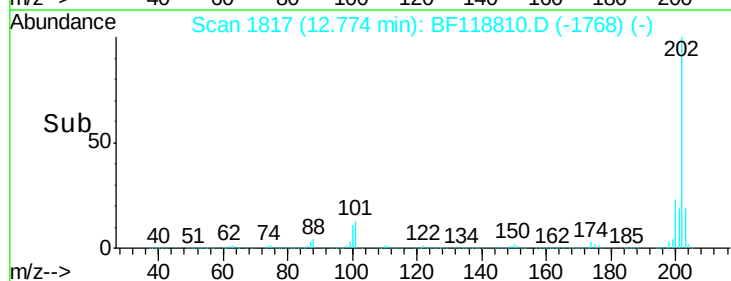
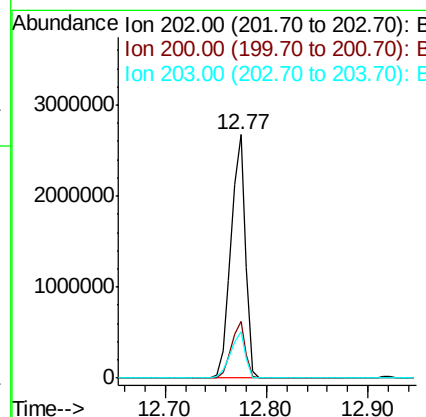
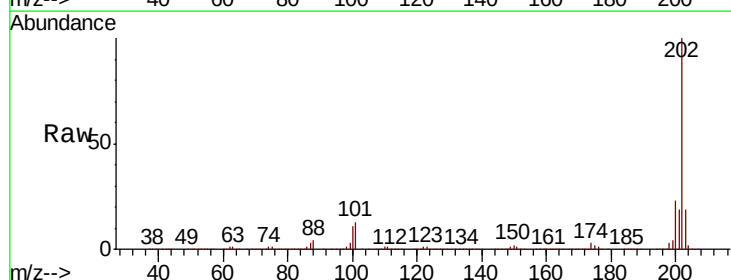
Instrument :
BNA_G
ClientSampleId :

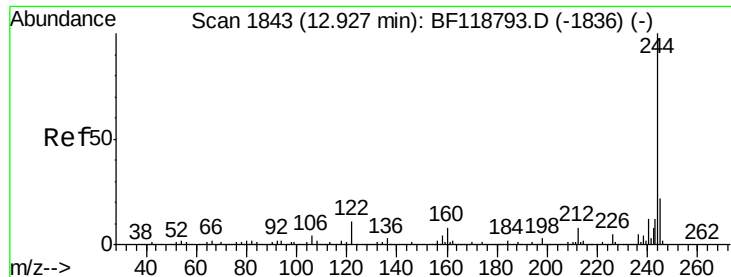
Tot Ion:184 Resp: 1226463
Ion Ratio Lower Upper
184 100
185 15.1 12.5 18.7
183 12.4 9.7 14.5



#78
Pyrene
Concen: 55.027 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion:202 Resp: 2654590
Ion Ratio Lower Upper
202 100
200 23.1 18.2 27.2
203 18.9 14.8 22.2





#79

Terphenyl-d14

Concen: 112.437 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_G

ClientSampleId :

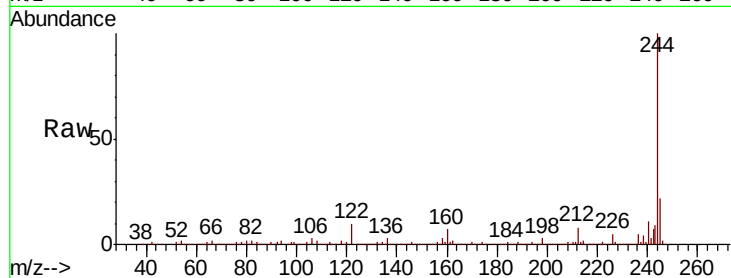
Tot Ion:244 Resp: 3849343

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

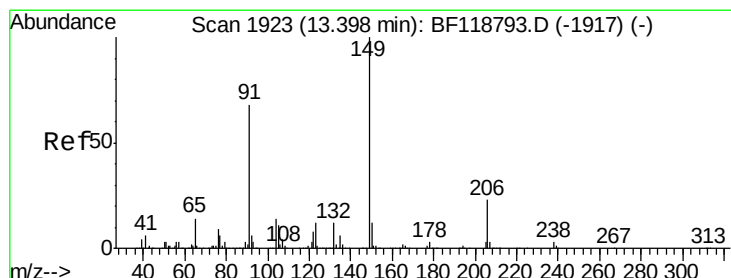
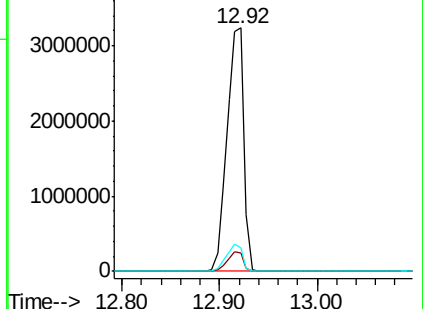
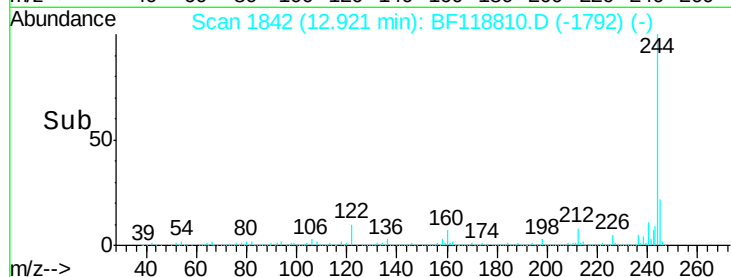
122 9.8 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 54.810 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

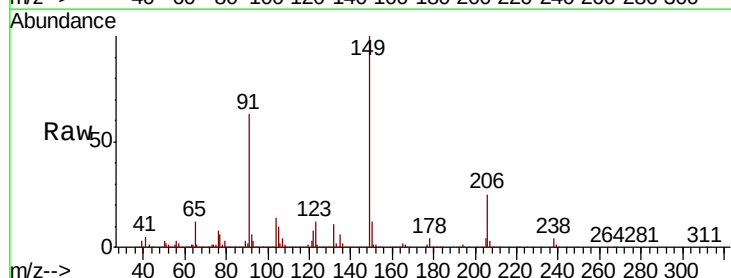
Tgt Ion:149 Resp: 1206856

Ion Ratio Lower Upper

149 100

91 62.9 54.7 82.1

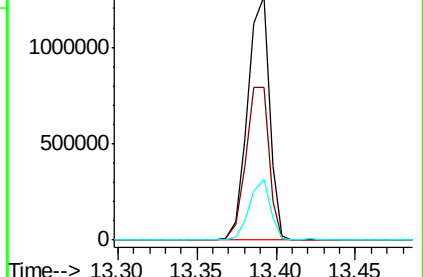
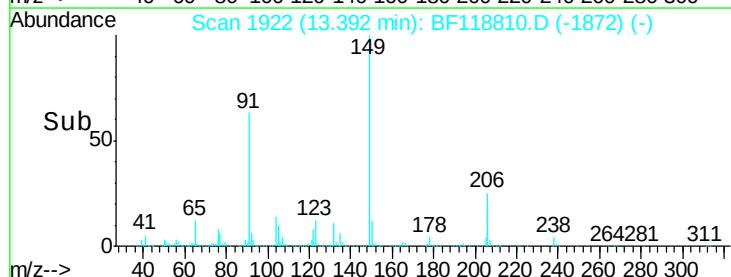
206 24.8 18.5 27.7

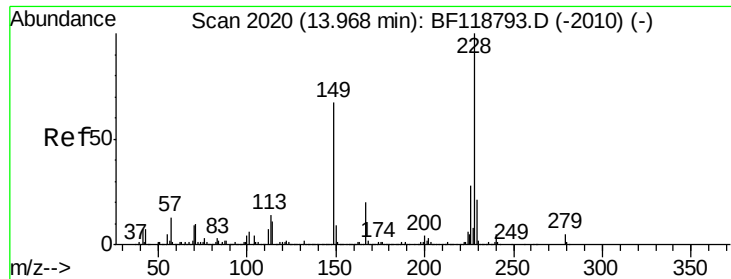


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

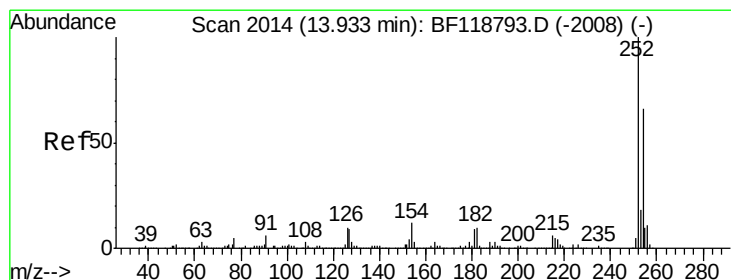
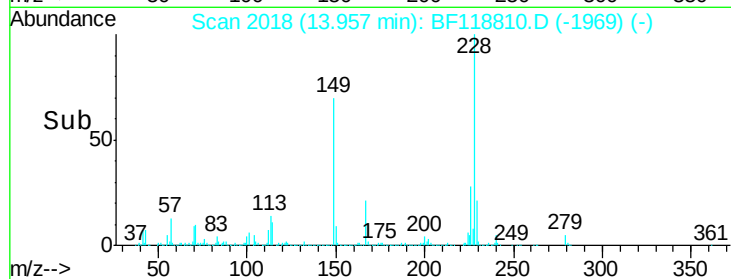
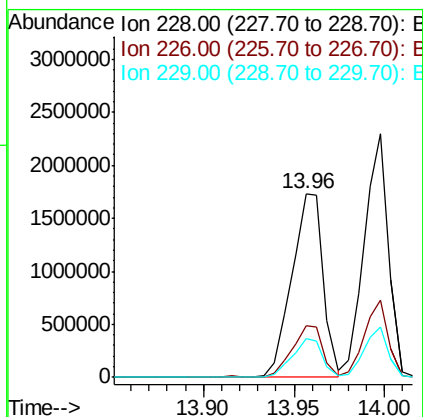
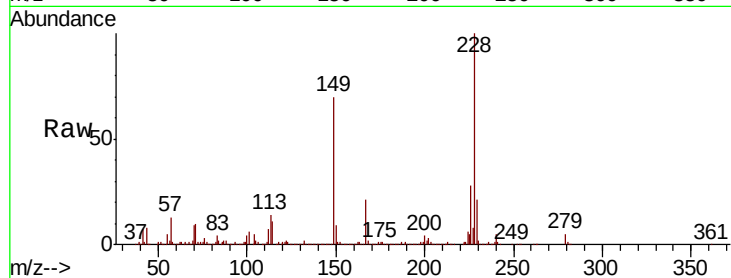




#81
Benzo(a)anthracene
Concen: 50.149 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

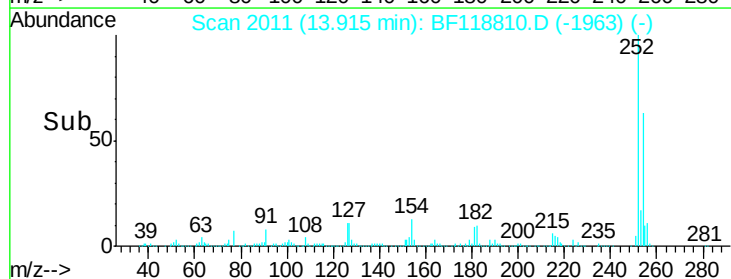
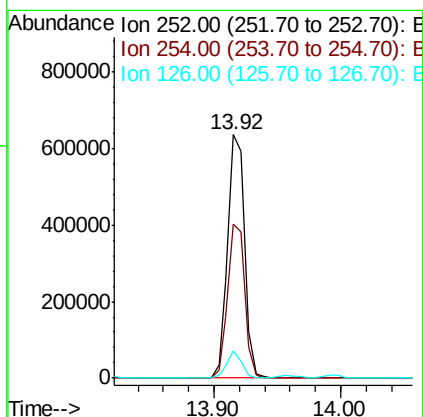
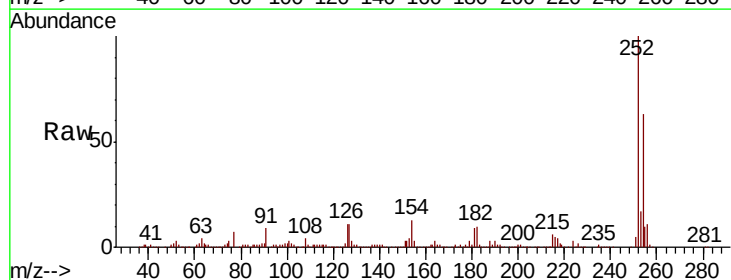
Instrument :
BNA_G
ClientSampleId :

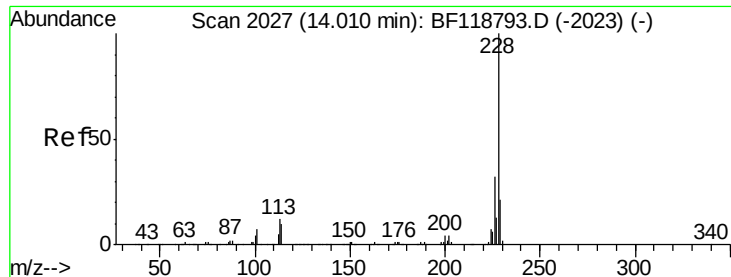
Tot Ion:228 Resp: 2098506
Ion Ratio Lower Upper
228 100
226 27.9 22.7 34.1
229 20.8 16.6 25.0



#82
3,3'-Dichlorobenzidine
Concen: 34.260 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion:252 Resp: 586355
Ion Ratio Lower Upper
252 100
254 63.2 52.4 78.6
126 11.3 7.8 11.8





#83

Chrysene

Concen: 50.903 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_G

ClientSampleId :

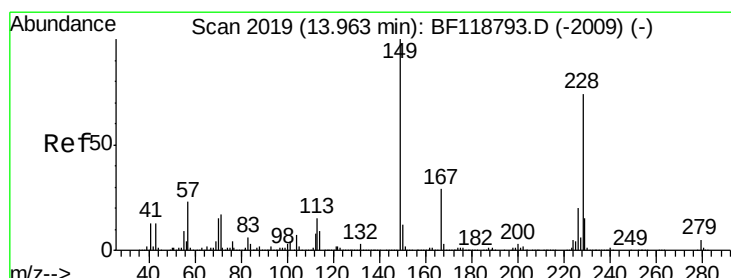
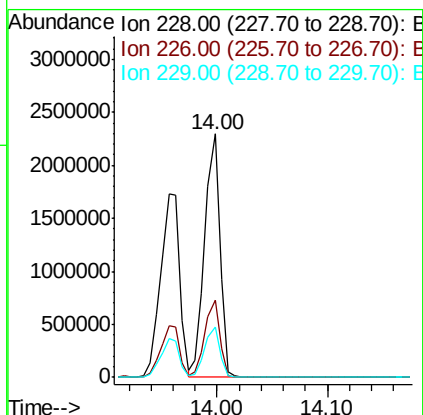
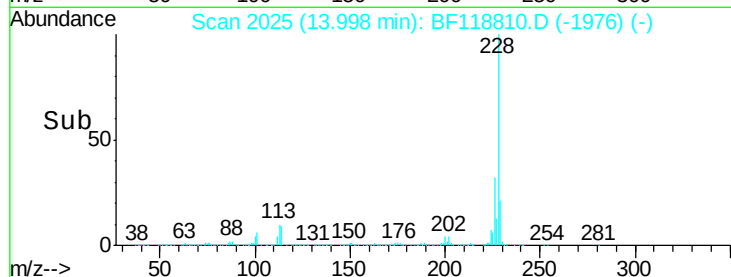
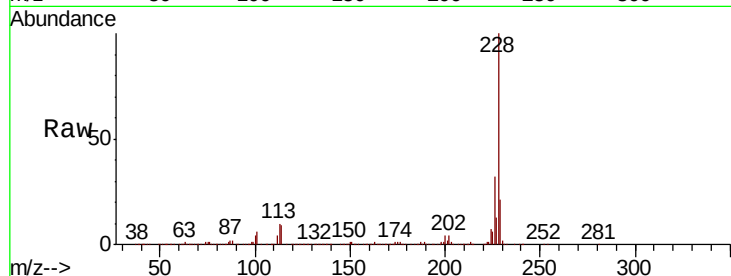
Tot Ion:228 Resp: 2137822

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.0

229 20.8 16.9 25.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.814 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

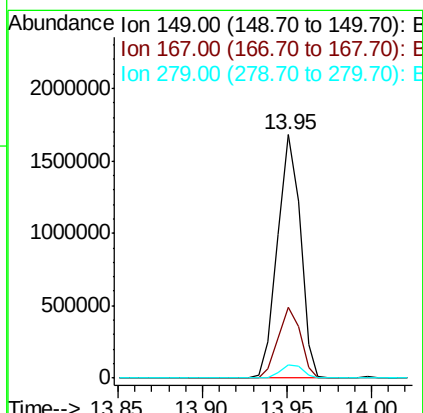
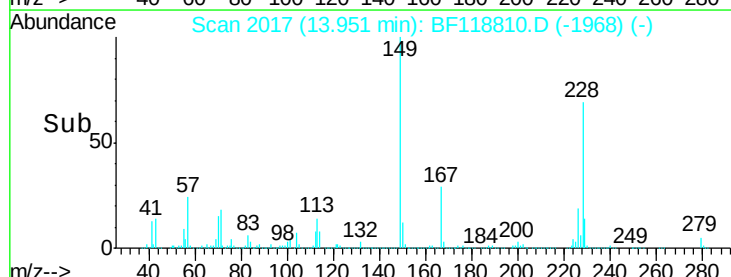
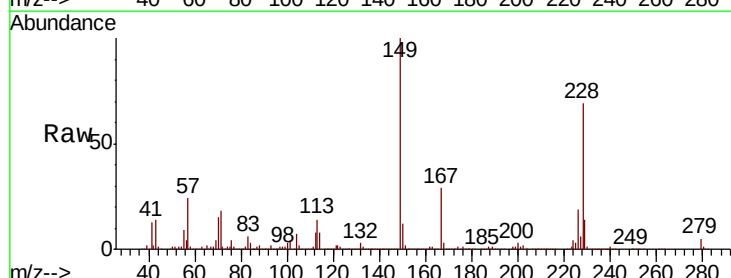
Tgt Ion:149 Resp: 1559213

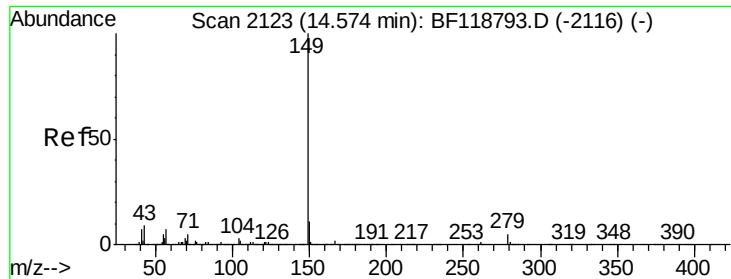
Ion Ratio Lower Upper

149 100

167 29.2 23.0 34.6

279 5.2 4.4 6.6

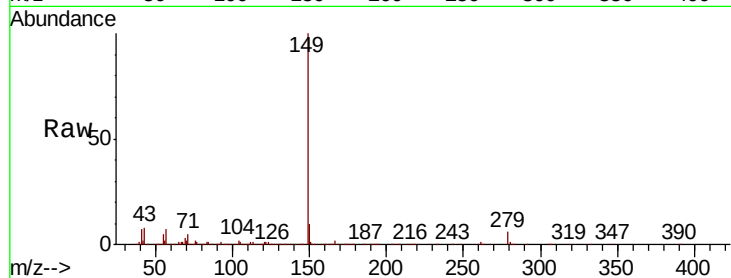




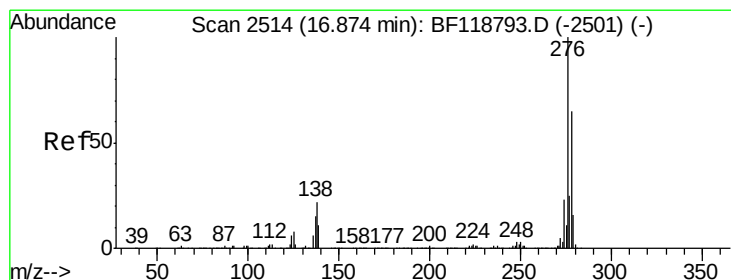
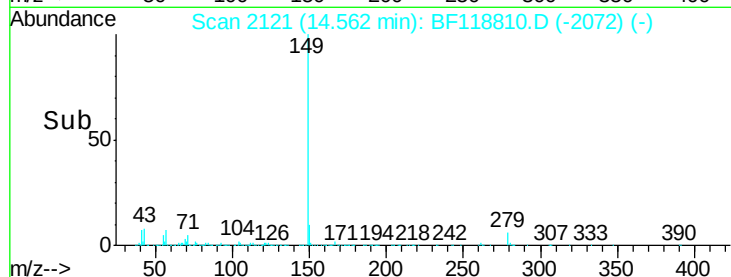
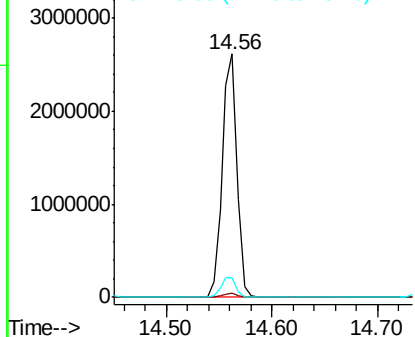
#85
Di-n-octyl phthalate
Concen: 53.346 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 2553048
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.2 6.6 10.0

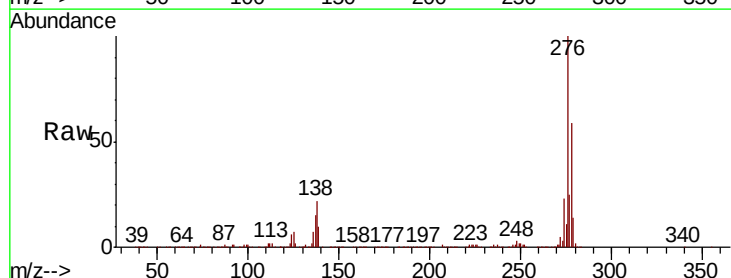


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

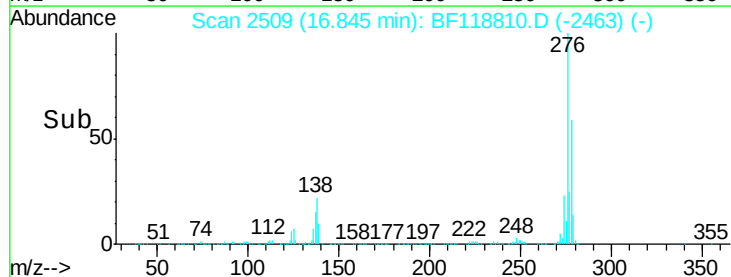
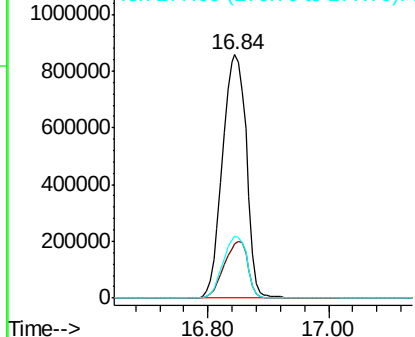


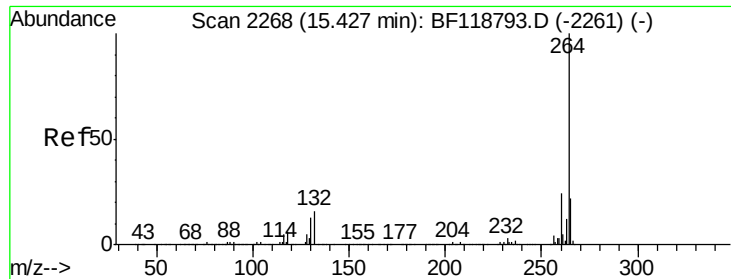
#86
Indeno(1,2,3-cd)pyrene
Concen: 56.006 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.03 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion:276 Resp: 2363253
Ion Ratio Lower Upper
276 100
138 23.0 18.3 27.5
277 25.5 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: BF118810.D

Acq: 4 Feb 2020 19:21

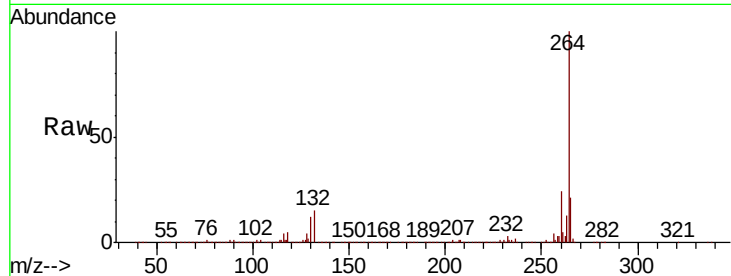
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 701894

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.2	17.2	25.8

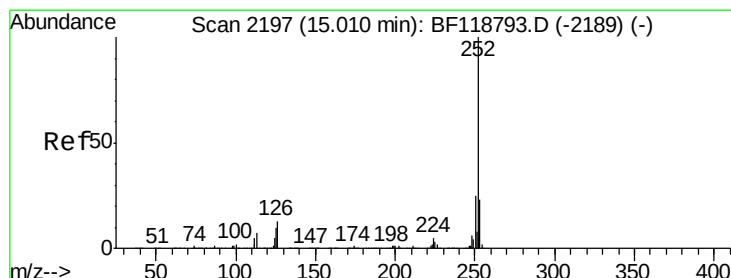
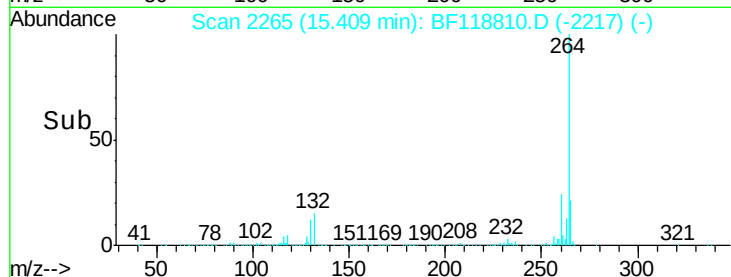
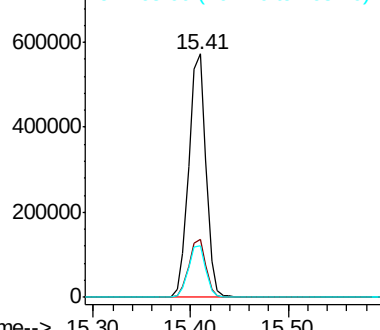


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.778 ng

RT: 15.00 min Scan# 2195

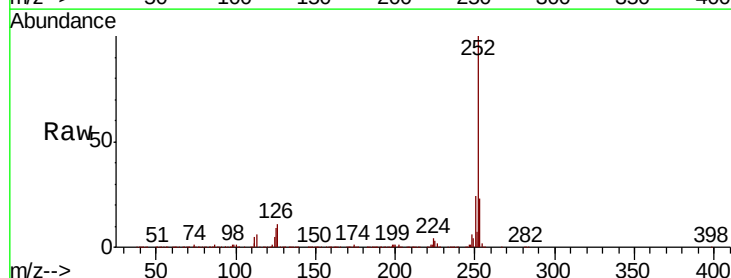
Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Tgt Ion:252 Resp: 2168024

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	8.9	8.1	12.1

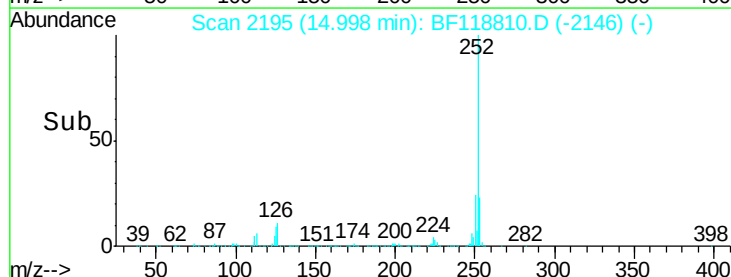
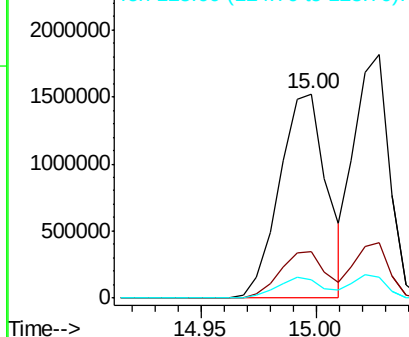


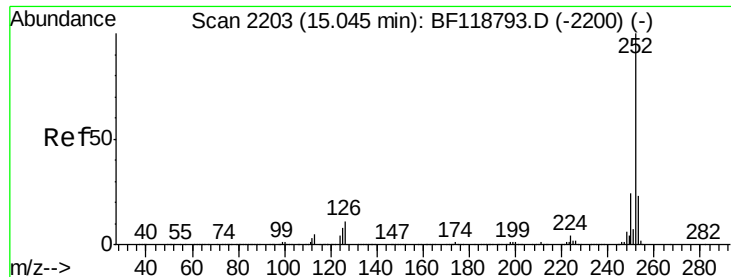
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

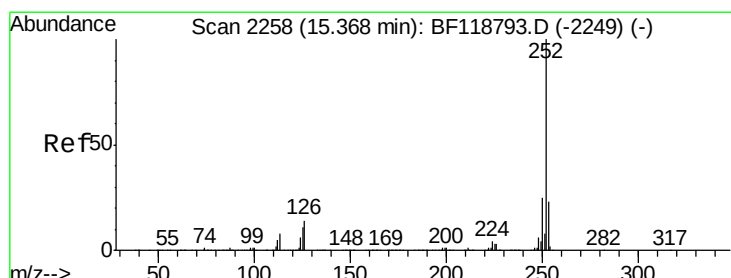
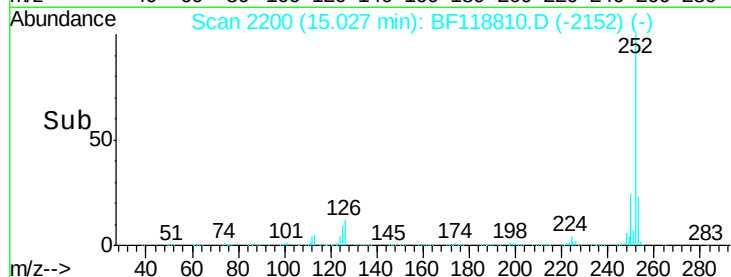
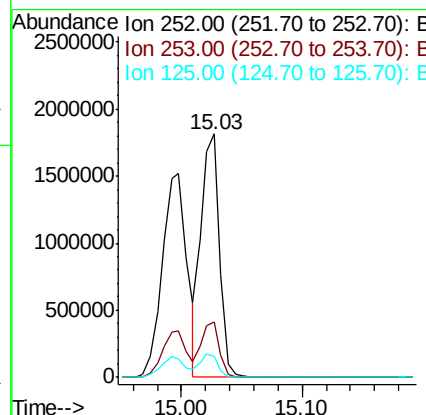
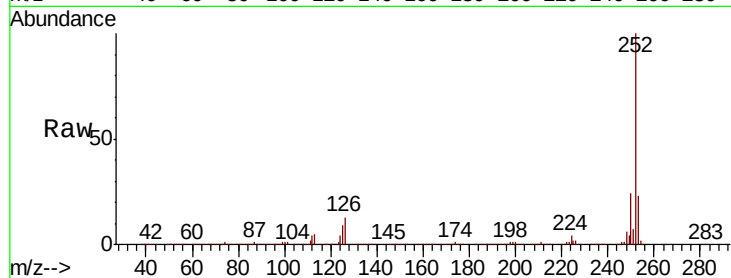




#89
Benzo(k)fluoranthene
Concen: 50.663 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

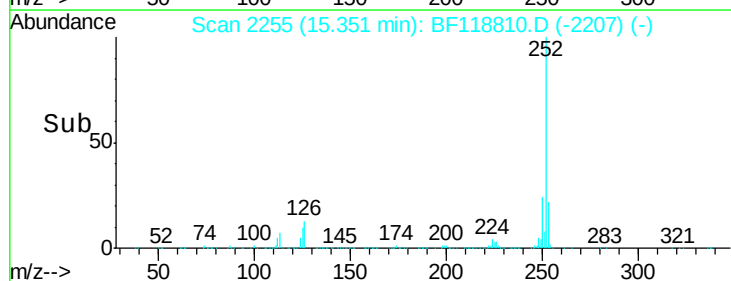
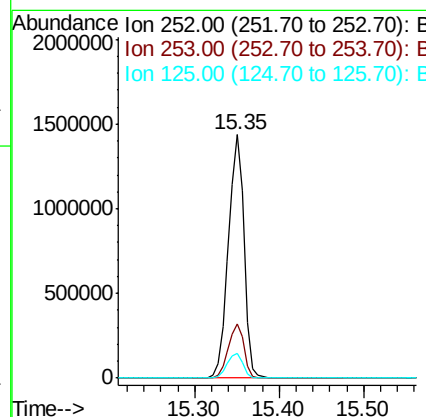
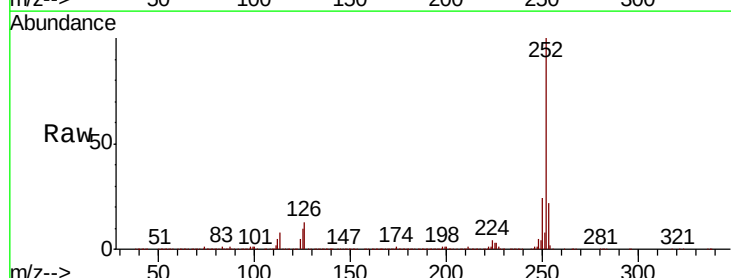
Instrument :
BNA_G
ClientSampled :

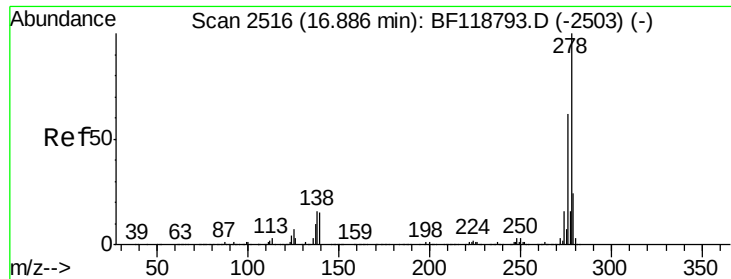
Tot Ion:252 Resp: 1921488
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 8.7 7.0 10.6



#90
Benzo(a)pyrene
Concen: 49.499 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.02 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion:252 Resp: 1844996
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.4 8.7 13.1

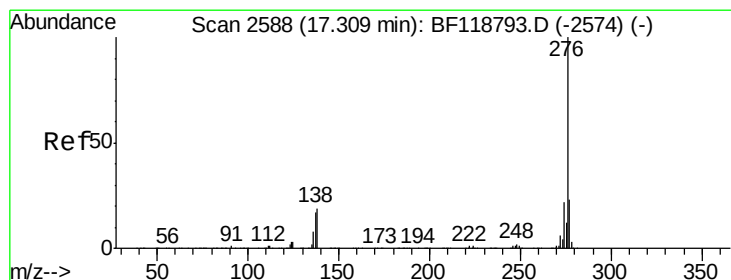
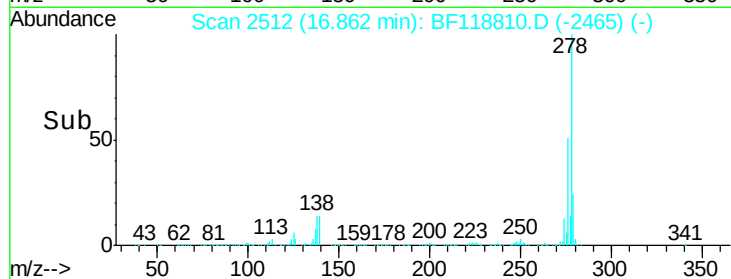
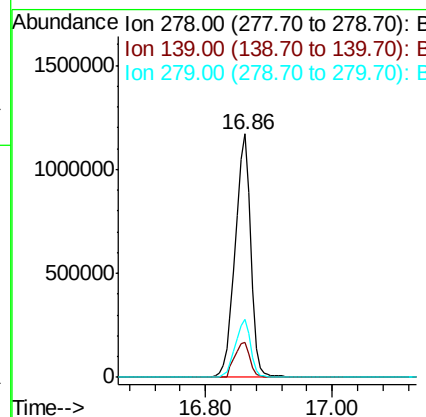
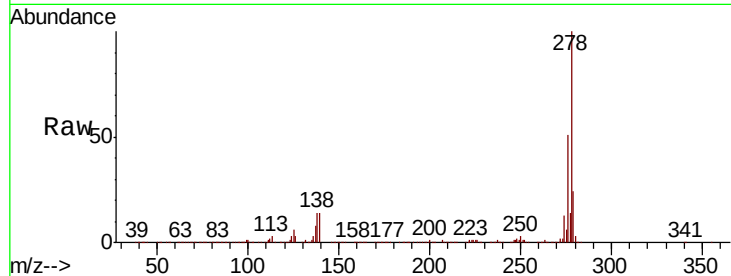




#91
Dibenzo(a,h)anthracene
Concen: 59.906 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.02 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1982250
Ion Ratio Lower Upper
278 100
139 14.2 12.3 18.5
279 23.6 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 63.142 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.03 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion:276 Resp: 2009302
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 20.1 15.4 23.2

