

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109976.D
 Acq On : 18 Oct 2018 23:13
 Operator : JU/SJ
 Sample : J5569-03MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

Quant Time: Oct 19 02:26:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	181600	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	703712	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	315301	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	539489	20.00	ng	0.00
76) Chrysene-d12	14.16	240	346525	20.00	ng	0.00
87) Perylene-d12	15.68	264	383984	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	589521	51.46	ng	0.00
7) Phenol-d6	6.59	99	462949	32.54	ng	-0.01
23) Nitrobenzene-d5	7.54	82	952732	91.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.82	330	330775	121.17	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	1614017	81.68	ng	0.00
79) Terphenyl-d14	13.09	244	1277561	77.42	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.87	88	99399	15.276	ng	92
3) Pyridine	3.65	79	235162	16.210	ng	90
4) n-Nitrosodimethylamine	3.59	42	119394	20.176	ng	# 97
6) Aniline	6.64	93	258283	13.473	ng	# 53
8) 2-Chlorophenol	6.76	128	484521	37.756	ng	97
9) Benzaldehyde	6.53	77	386605	41.819	ng	95
10) Phenol	6.60	94	208687	13.587	ng	# 63
11) bis(2-Chloroethyl)ether	6.71	93	548721	42.728	ng	96
12) 1,3-Dichlorobenzene	6.92	146	561212	39.882	ng	99
13) 1,4-Dichlorobenzene	6.99	146	564883	39.860	ng	98
14) 1,2-Dichlorobenzene	7.15	146	535833	41.060	ng	98
15) Benzyl Alcohol	7.11	79	321018	29.332	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.25	45	893878	42.407	ng	68
17) 2-Methylphenol	7.22	107	320249	30.948	ng	# 80
18) Hexachloroethane	7.49	117	204364	40.806	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	387589	42.433	ng	96
20) 3+4-Methylphenols	7.37	107	350905	26.722	ng	91
22) Acetophenone	7.38	105	765491	46.906	ng	97
24) Nitrobenzene	7.56	77	588385	51.848	ng	95
25) Isophorone	7.80	82	1073788	52.313	ng	95
26) 2-Nitrophenol	7.87	139	294435	62.575	ng	91
27) 2,4-Dimethylphenol	7.90	122	452560	45.774	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	679758	48.254	ng	99
29) 2,4-Dichlorophenol	8.11	162	433857	45.235	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	478154	44.525	ng	97
31) Naphthalene	8.29	128	1554650	48.177	ng	100
32) Benzoic acid	7.97	122	99046	16.078	ng	92
33) 4-Chloroaniline	8.32	127	102375	7.057	ng	98
34) Hexachlorobutadiene	8.39	225	256465	43.309	ng	98
35) Caprolactam	8.69	113	17364	5.098	ng	91
36) 4-Chloro-3-methylphenol	8.80	107	417308	41.244	ng	94
37) 2-Methylnaphthalene	8.97	142	1066459	51.037	ng	99
38) 1-Methylnaphthalene	9.07	142	1017231	50.239	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	453237	46.669	ng	98

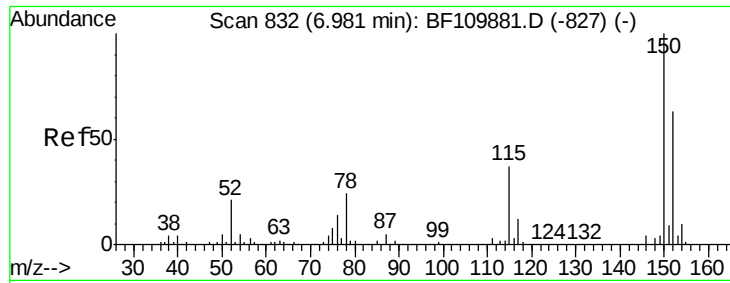
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	538889	114.966	nq	99
43) 2,4,6-Trichlorophenol	9.25	196	301902	49.716	nq	95
44) 2,4,5-Trichlorophenol	9.29	196	314906	49.965	nq	95
46) 1,1'-Biphenyl	9.44	154	1300601	46.298	nq	99
47) 2-Chloronaphthalene	9.47	162	982735	47.492	nq	99
48) 2-Nitroaniline	9.56	65	293632	55.295	nq	96
49) Acenaphthylene	9.89	152	1526188	50.770	nq	98
50) Dimethylphthalate	9.74	163	1096708	49.122	nq	100
51) 2,6-Dinitrotoluene	9.80	165	250815	59.147	nq	98
52) Acenaphthene	10.06	154	1037690	54.221	nq	99
53) 3-Nitroaniline	9.97	138	59428	11.521	nq	87
54) 2,4-Dinitrophenol	10.07	184	195162	137.292	nq	91
55) Dibenzofuran	10.23	168	1320565	48.383	nq	98
56) 4-Nitrophenol	10.12	139	189429	48.128	nq	85
57) 2,4-Dinitrotoluene	10.20	165	321640	58.895	nq	# 88
58) Fluorene	10.57	166	1015242	51.098	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	259048	51.862	nq	95
60) Diethylphthalate	10.43	149	1069578	48.505	nq	100
61) 4-Chlorophenyl-phenylether	10.56	204	491556	47.495	nq	97
62) 4-Nitroaniline	10.59	138	221344	45.331	nq	92
63) Azobenzene	10.72	77	1051761	45.656	nq	96
65) 4,6-Dinitro-2-methylphenol	10.61	198	127803	62.527	nq	86
66) n-Nitrosodiphenylamine	10.68	169	888888	49.470	nq	96
67) 4-Bromophenyl-phenylether	11.05	248	296447	50.704	nq	94
68) Hexachlorobenzene	11.12	284	304754	48.880	nq	# 88
69) Atrazine	11.20	200	267886	47.729	nq	100
70) Pentachlorophenol	11.31	266	304553	85.833	nq	97
71) Phenanthrene	11.54	178	1419932	50.840	nq	99
72) Anthracene	11.59	178	1455465	51.834	nq	99
73) Carbazole	11.74	167	1200478	43.502	nq	100
74) Di-n-butylphthalate	12.06	149	1526861	49.577	nq	99
75) Fluoranthene	12.73	202	1327316	47.572	nq	99
77) Benzidine	12.84	184	282299	21.247	nq	96
78) Pyrene	12.96	202	1308781	51.423	nq	99
80) Butylbenzylphthalate	13.56	149	562192	54.637	nq	100
81) Benzo(a)anthracene	14.14	228	1073747	52.606	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	147644	20.633	nq	99
83) Chrysene	14.19	228	1002717	51.611	nq	98
84) Bis(2-ethylhexyl)phthalate	14.12	149	779152	57.547	nq	97
85) Di-n-octyl phthalate	14.74	149	1264328	66.235	nq	98
86) Indeno(1,2,3-cd)pyrene	17.26	276	1399767	89.483	nq	# 95
88) Benzo(b)fluoranthene	15.23	252	1166536	52.695	nq	98
89) Benzo(k)fluoranthene	15.26	252	998521	45.762	nq	# 98
90) Benzo(a)pyrene	15.62	252	1094755	53.769	nq	# 97
91) Dibenzo(a,h)anthracene	17.27	278	1147025	63.569	nq	98
92) Benzo(g,h,i)perylene	17.73	276	1193117	65.445	nq	# 96

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

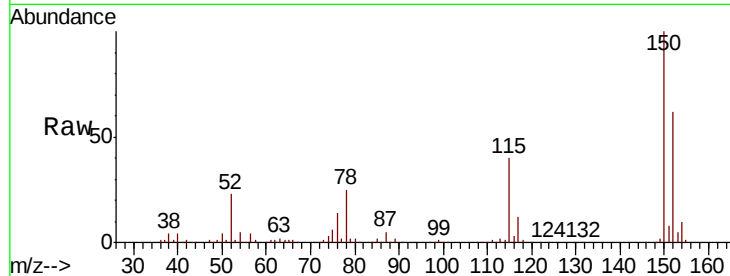


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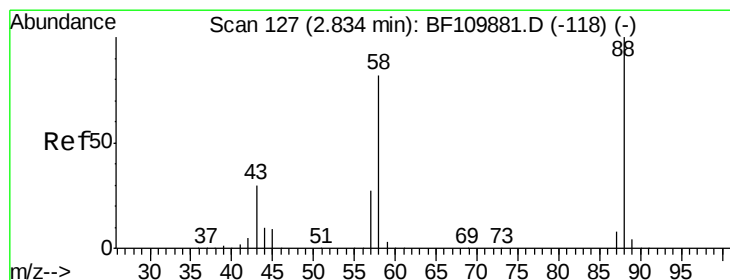
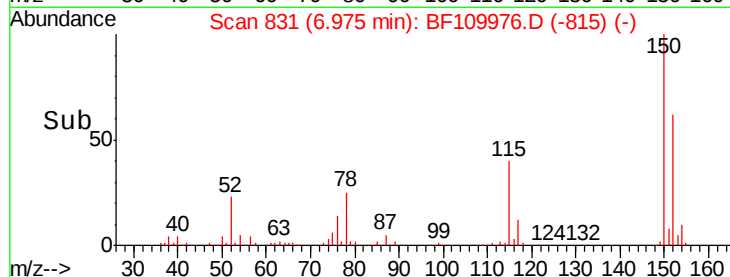
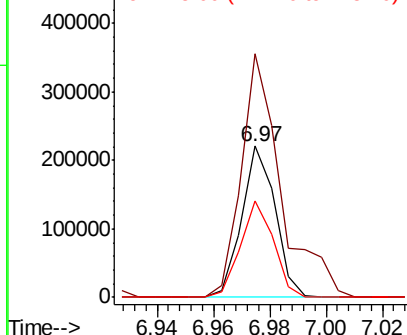
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion:152 Resp: 181600
Ion Ratio Lower Upper
152 100
150 160.9 122.7 184.1
115 64.1 49.1 73.7



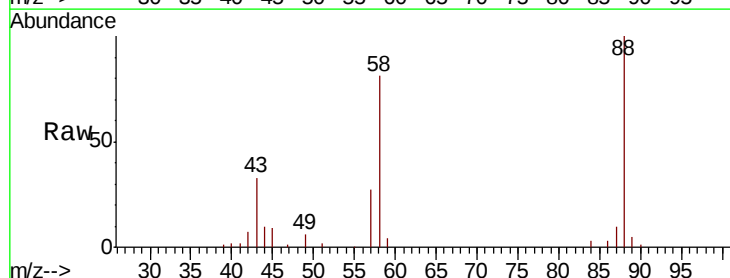
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



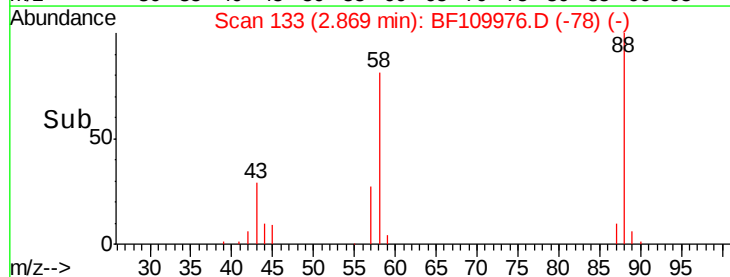
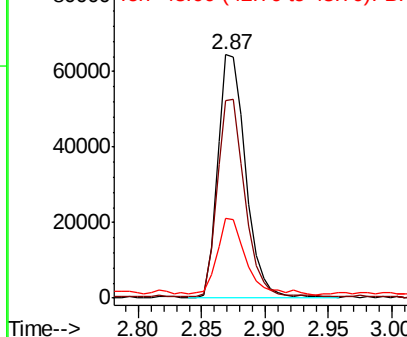
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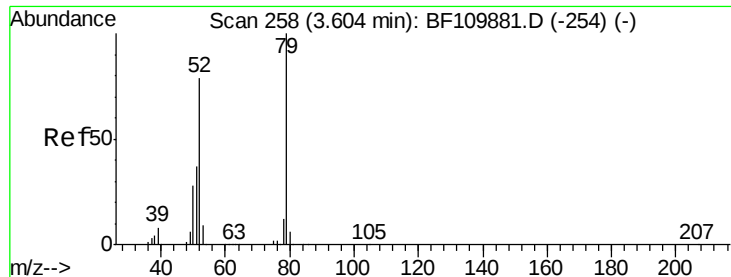
1,4-Dioxane
Concen: 15.276 ng
RT: 2.87 min Scan# 133
Delta R.T. 0.02 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Tgt Ion: 88 Resp: 99399
Ion Ratio Lower Upper
88 100
58 79.7 57.1 85.7
43 32.0 24.1 36.1



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

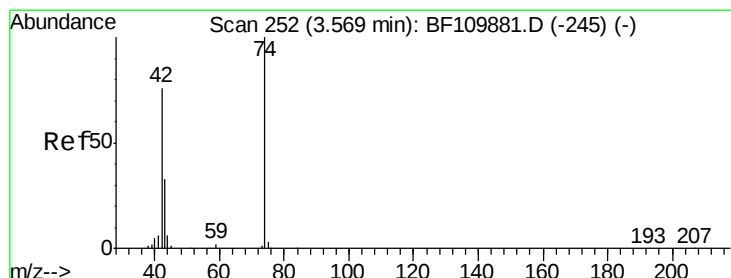
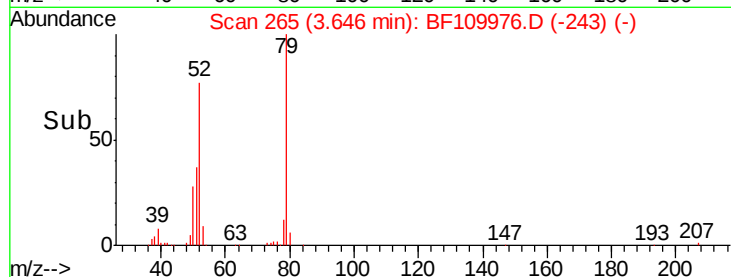
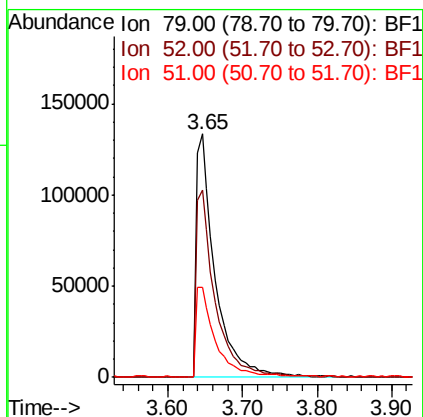
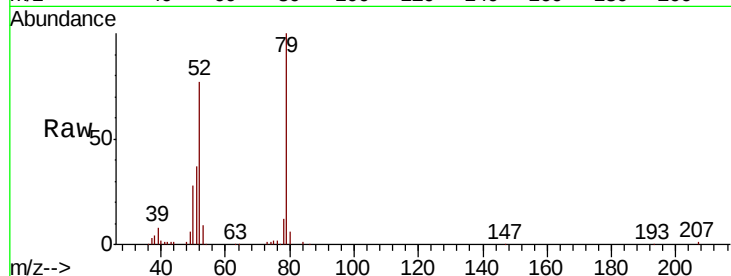




#3
 Pvridine
 Concen: 16.210 ng
 RT: 3.65 min Scan# 265
 Delta R.T. 0.03 min
 Lab File: BF109976.D
 Acq: 18 Oct 2018 23:13

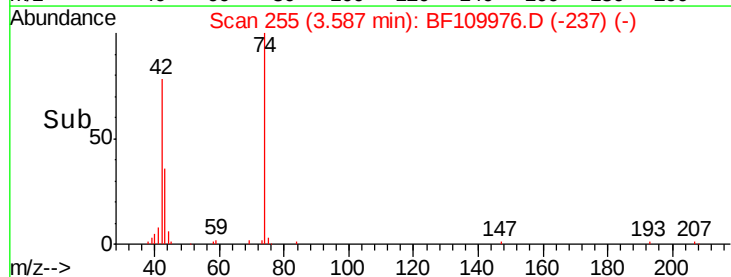
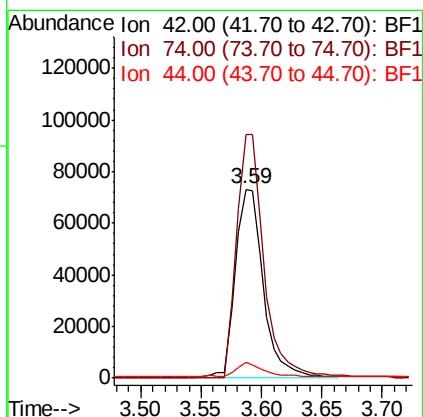
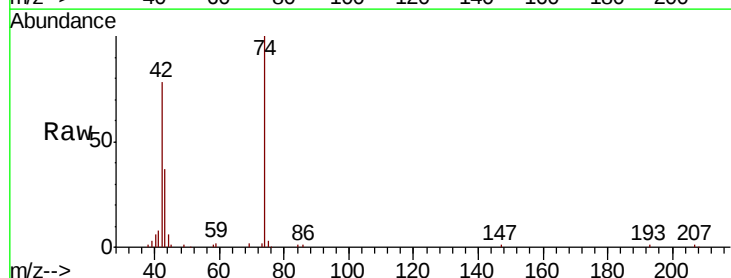
Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

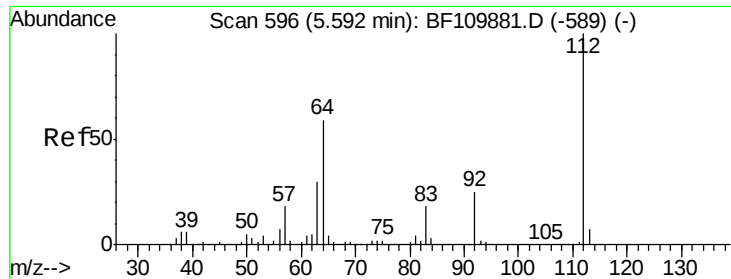
Tot Ion: 79 Resp: 235162
 Ion Ratio Lower Upper
 79 100
 52 77.1 53.1 79.7
 51 37.0 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 20.176 ng
 RT: 3.59 min Scan# 255
 Delta R.T. 0.01 min
 Lab File: BF109976.D
 Acq: 18 Oct 2018 23:13

Tgt Ion: 42 Resp: 119394
 Ion Ratio Lower Upper
 42 100
 74 128.7 105.5 158.3
 44 8.1 4.9 7.3#





#5

2-Fluorophenol

Concen: 51.458 ng

RT: 5.60 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMS

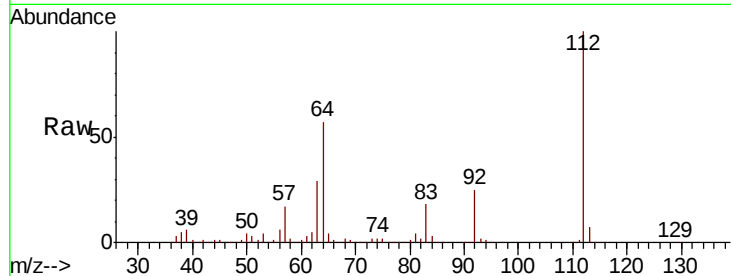
Tot Ion:112 Resp: 589521

Ion Ratio Lower Upper

112 100

64 56.5 44.1 66.1

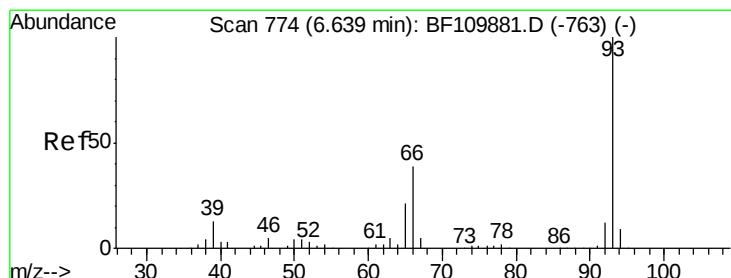
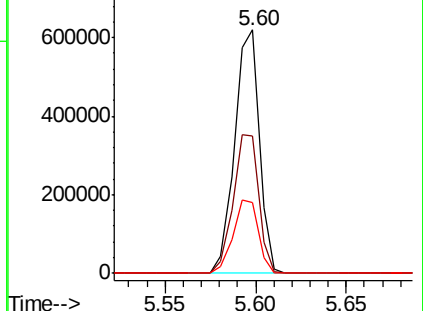
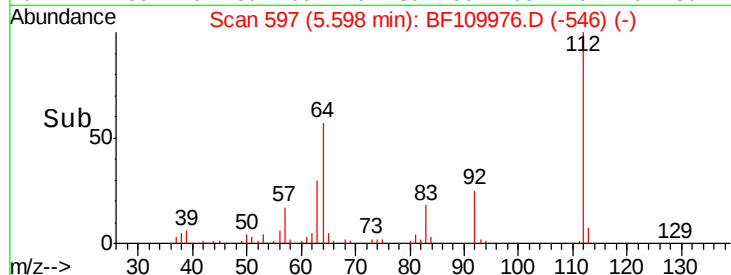
63 29.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.473 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

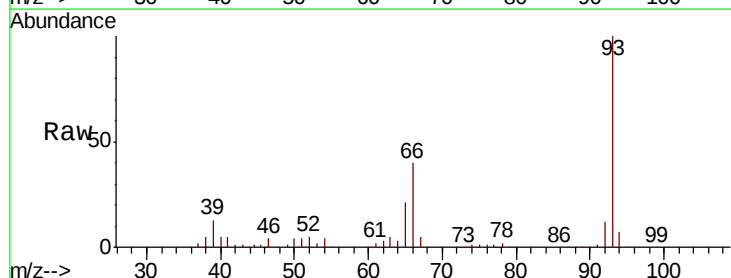
Tgt Ion: 93 Resp: 258283

Ion Ratio Lower Upper

93 100

66 39.9 67.4 101.0#

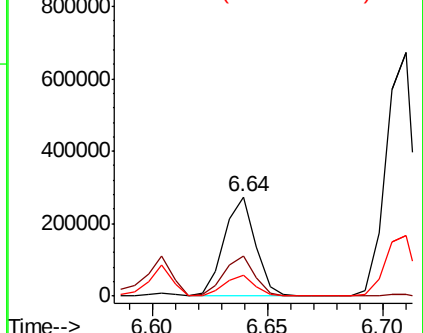
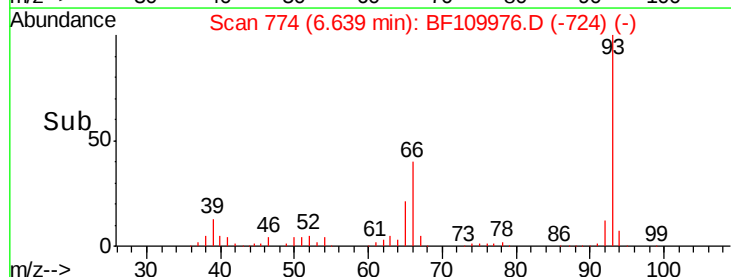
65 20.7 41.0 61.4#

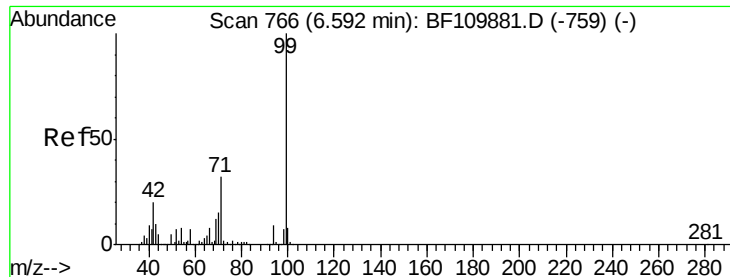


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 32.543 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109976.D

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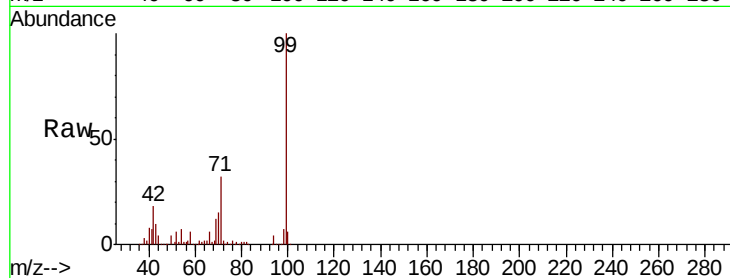
Tot Ion: 99 Resp: 462949

Ion Ratio Lower Upper

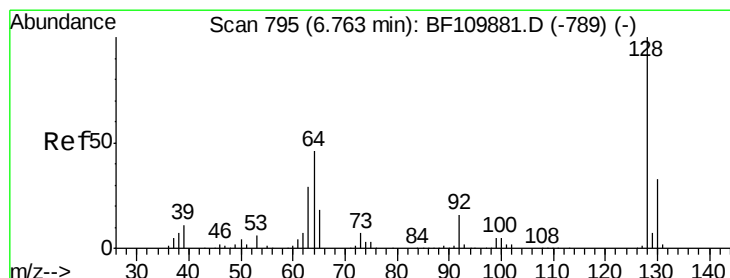
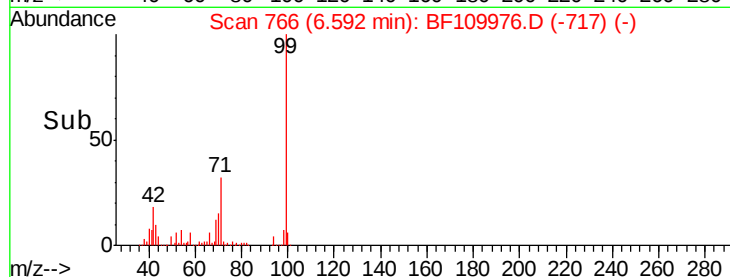
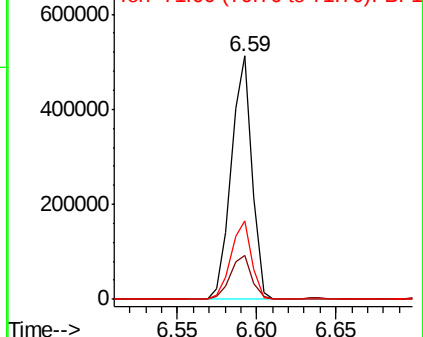
99 100

42 18.1 15.8 23.6

71 32.1 28.0 42.0



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: 37.756 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

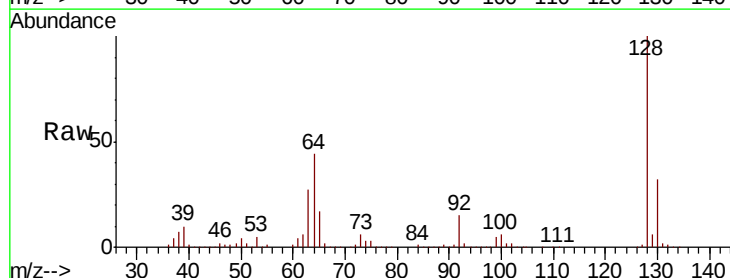
Tgt Ion: 128 Resp: 484521

Ion Ratio Lower Upper

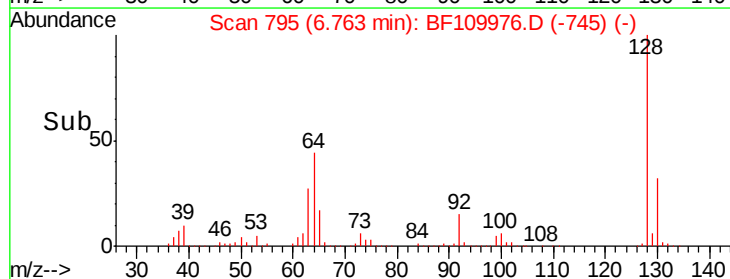
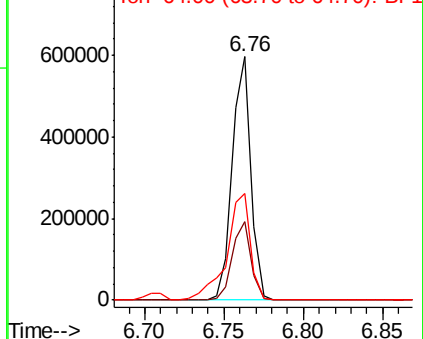
128 100

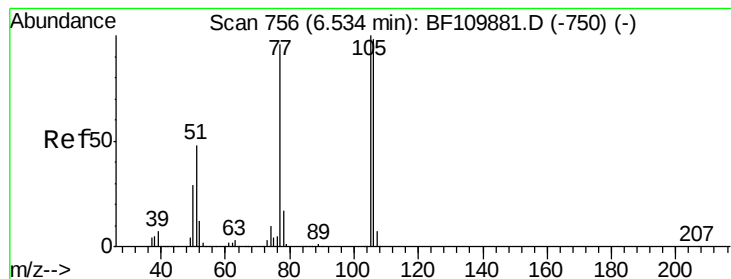
130 32.4 13.1 53.1

64 43.7 26.0 66.0



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: 41.819 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

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ClientSampleId :

RLF-GW-9SMS

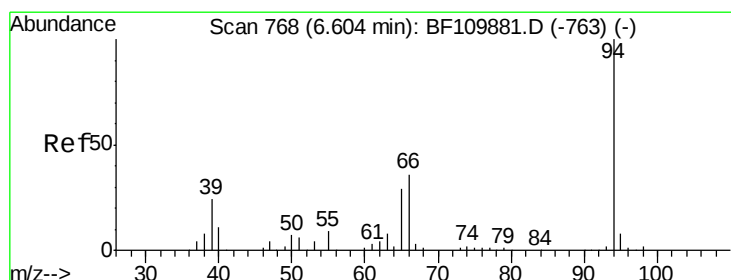
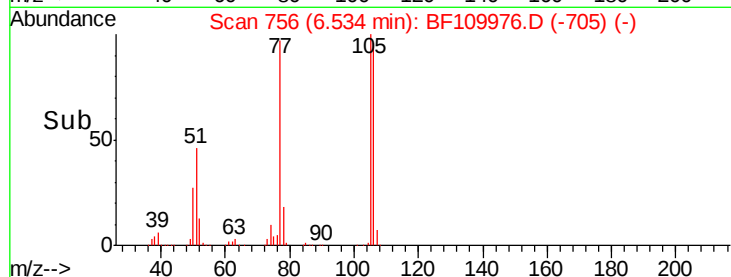
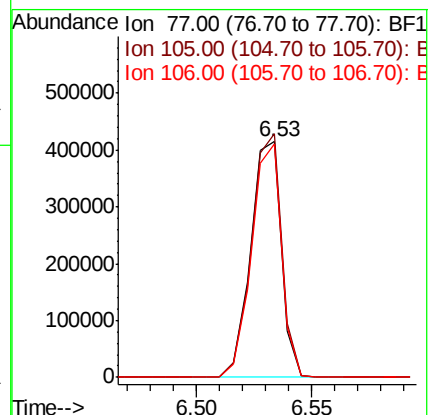
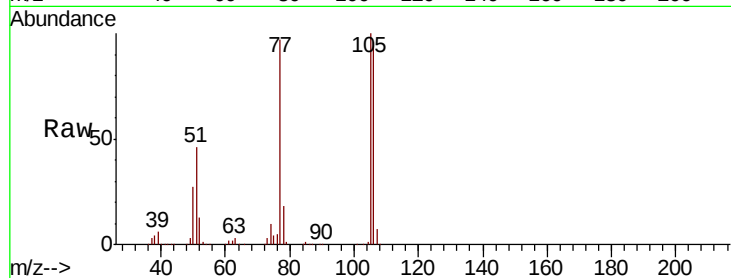
Tot Ion: 77 Resp: 386605

Ion Ratio Lower Upper

77 100

105 103.4 78.6 118.6

106 98.9 74.8 114.8



#10

Phenol

Concen: 13.587 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

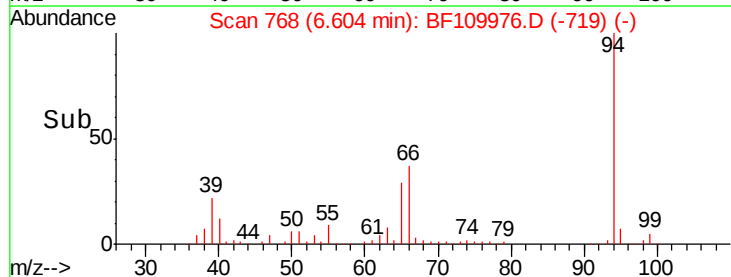
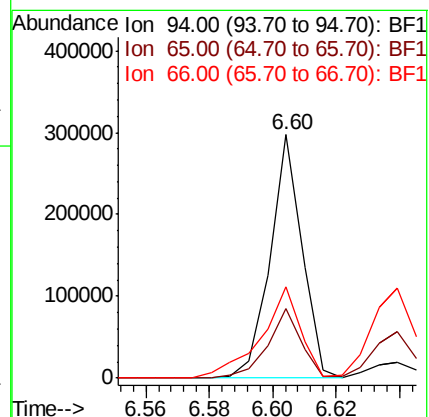
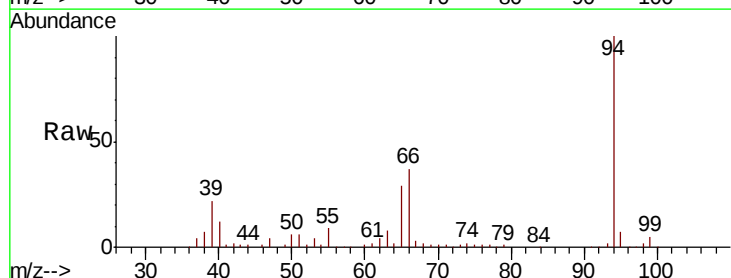
Tgt Ion: 94 Resp: 208687

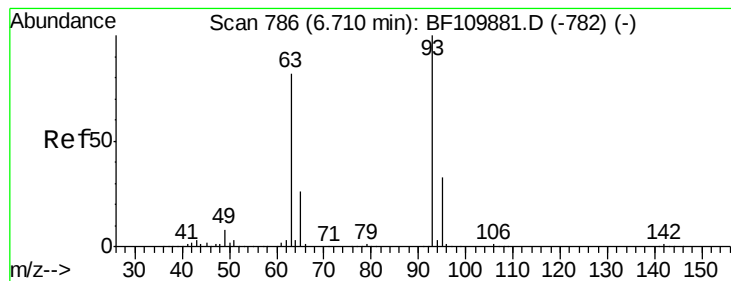
Ion Ratio Lower Upper

94 100

65 28.6 25.3 65.3

66 37.4 54.5 94.5#

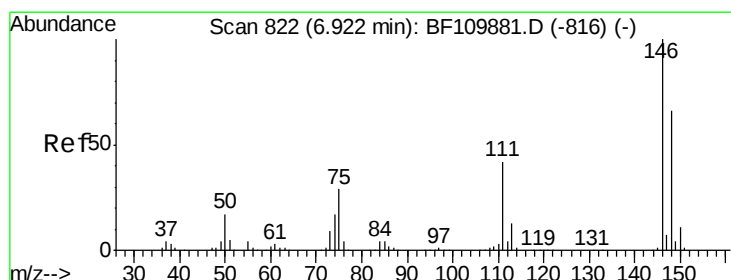
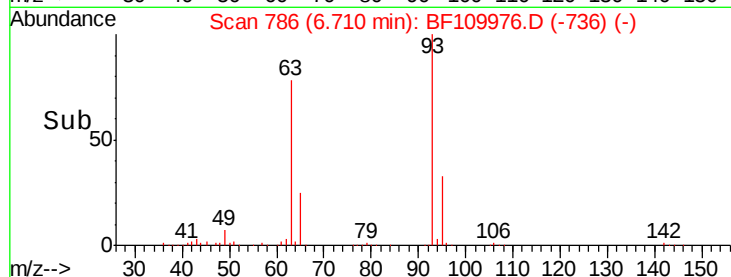
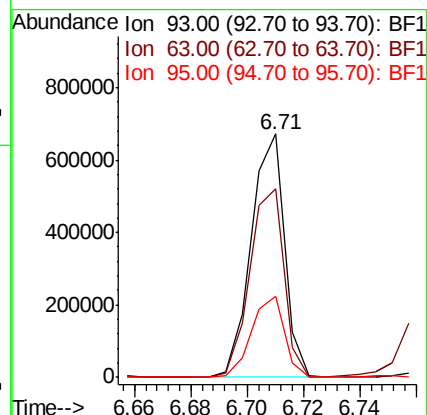
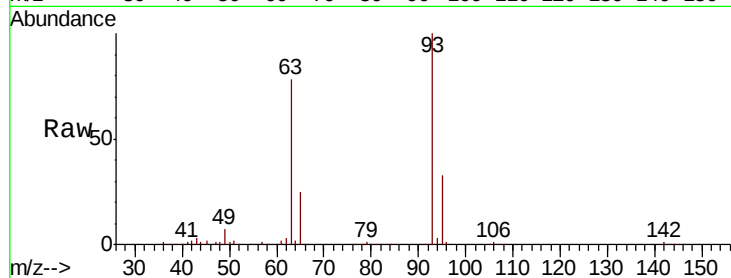




#11
 bis(2-Chloroethyl)ether
 Concen: 42.728 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF109976.D
 Acq: 18 Oct 2018 23:13

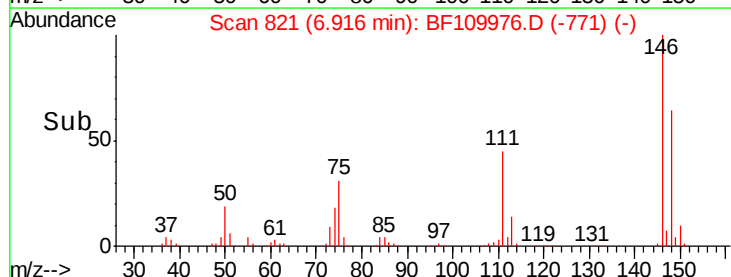
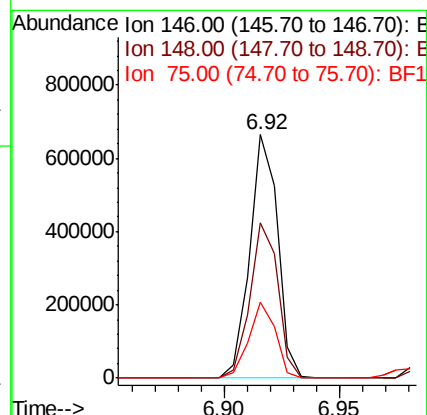
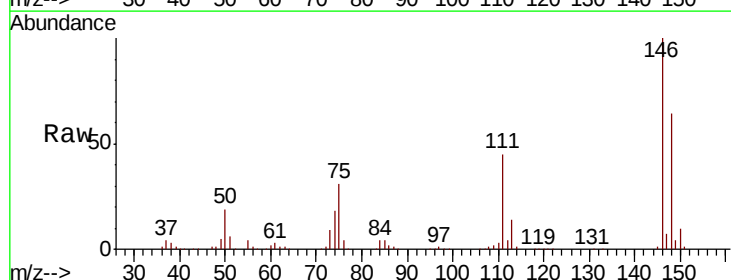
Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

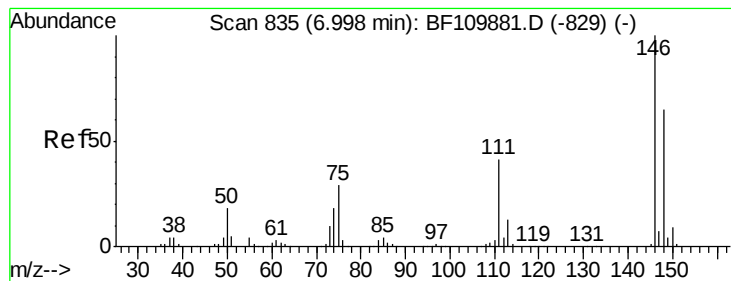
Tot Ion	93.00	Resp	548721
Ion	Ratio	Lower	Upper
93	100		
63	77.6	53.4	93.4
95	33.4	12.1	52.1



#12
 1,3-Dichlorobenzene
 Concen: 39.882 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF109976.D
 Acq: 18 Oct 2018 23:13

Tgt Ion	146	Resp	561212
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
75	31.2	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 39.860 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMS

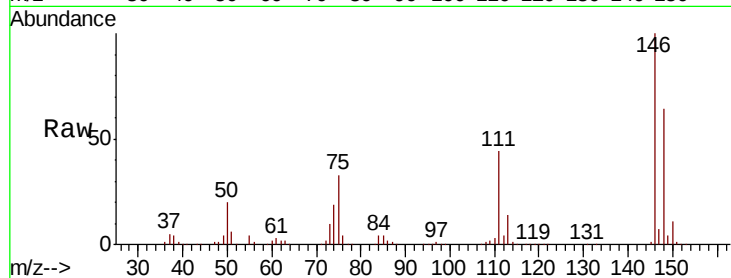
Tot Ion:146 Resp: 564883

Ion Ratio Lower Upper

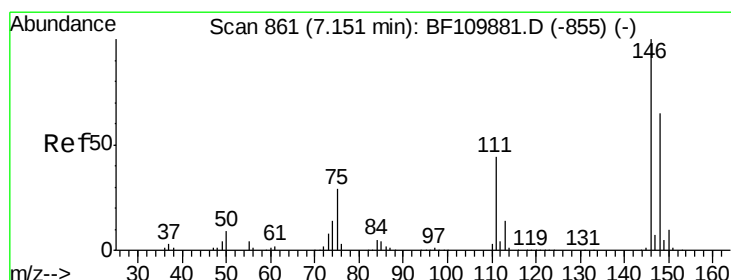
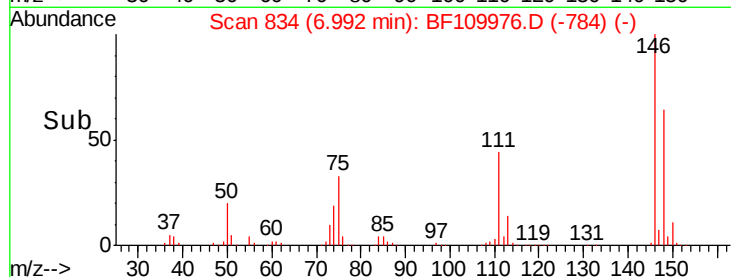
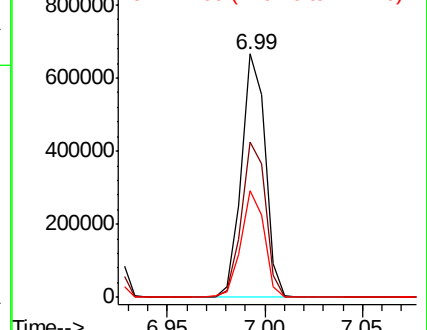
146 100

148 63.8 50.3 75.5

111 43.8 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



#14

1,2-Dichlorobenzene

Concen: 41.060 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

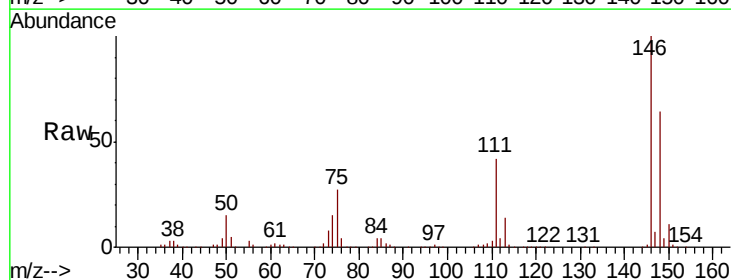
Tgt Ion:146 Resp: 535833

Ion Ratio Lower Upper

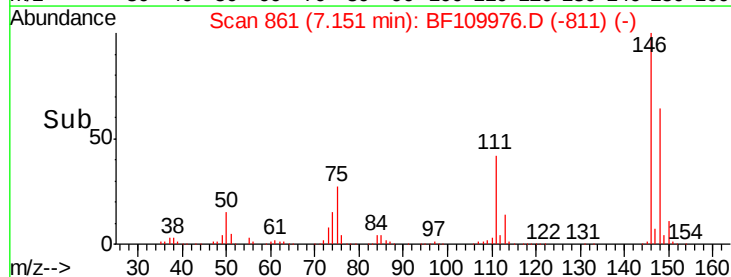
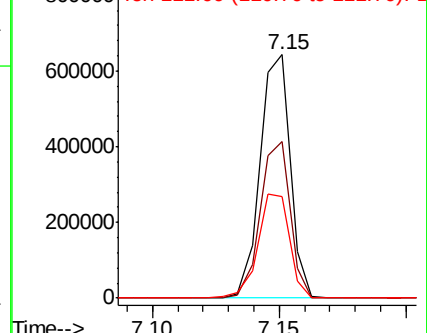
146 100

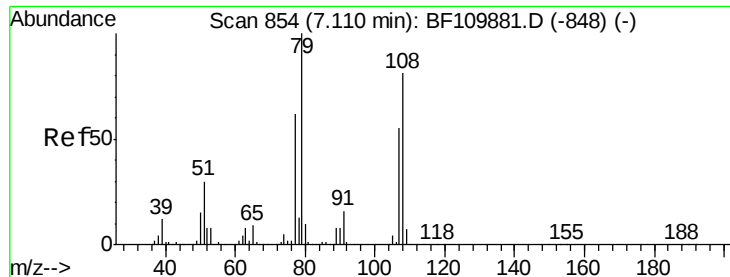
148 64.1 51.1 76.7

111 41.5 35.8 53.6



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: 29.332 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMS

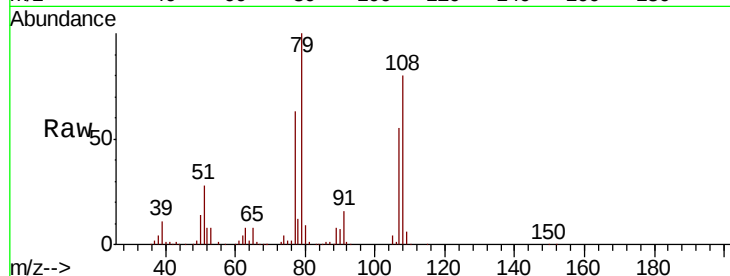
Tot Ion: 79 Resp: 321018

Ion Ratio Lower Upper

79 100

108 79.7 56.3 84.5

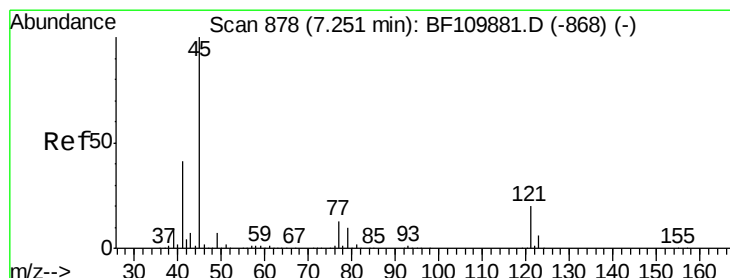
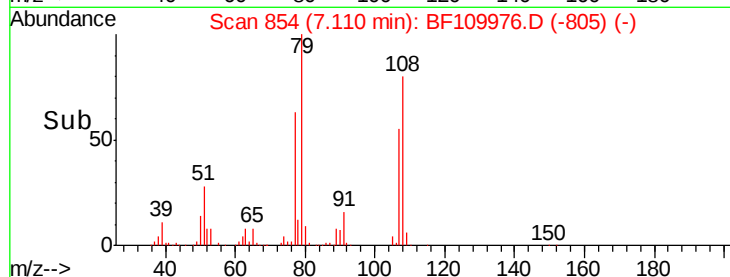
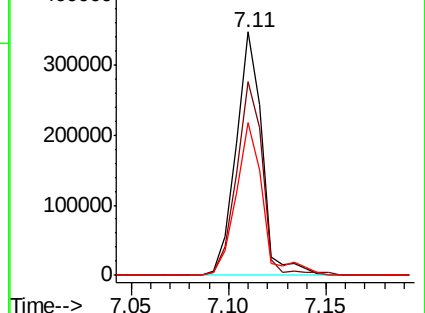
77 63.0 52.9 79.3



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: 42.407 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

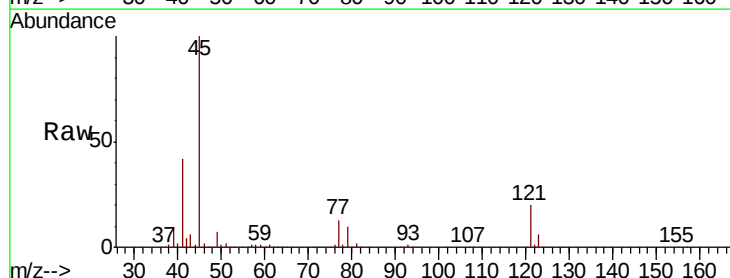
Tgt Ion: 45 Resp: 893878

Ion Ratio Lower Upper

45 100

77 12.9 10.0 50.0

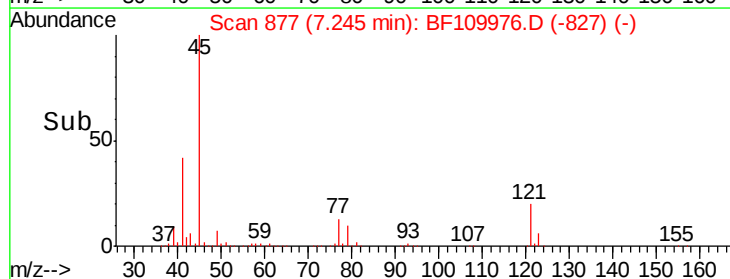
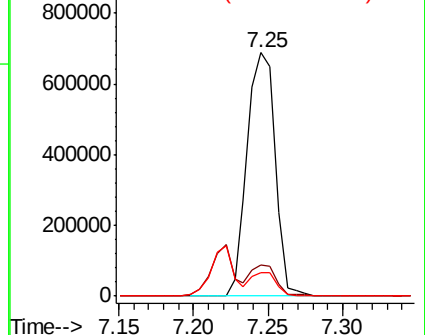
79 9.7 6.1 46.1

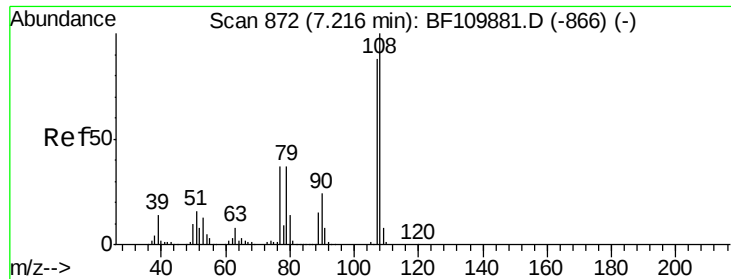


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

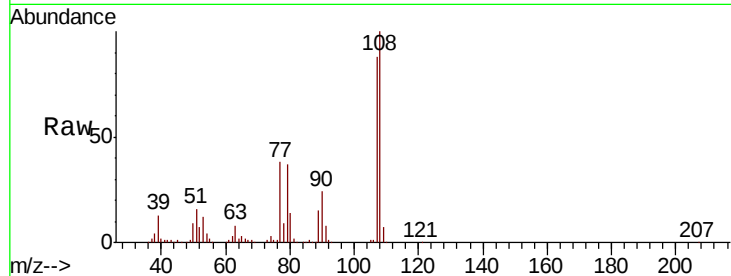




#17
2-Methylphenol
Concen: 30.948 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	92.6	138.8
77	43.6	59.4	89.2#
79	41.7	54.0	81.0#



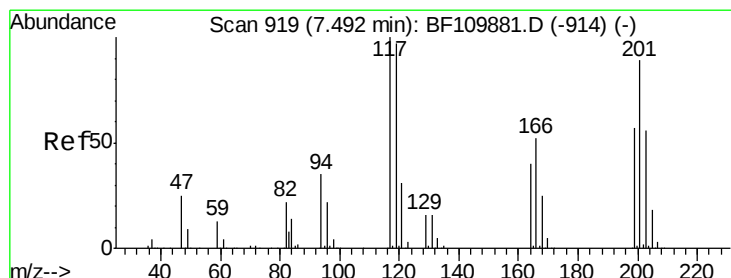
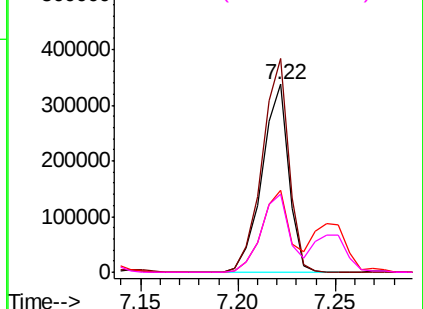
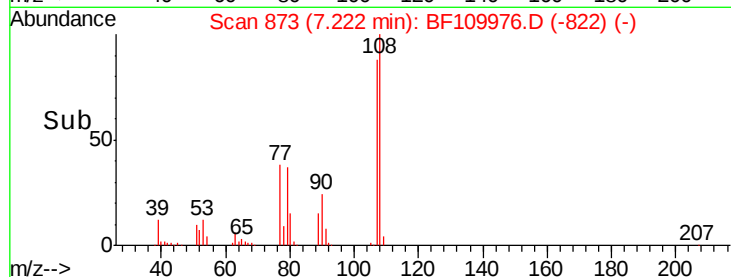
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

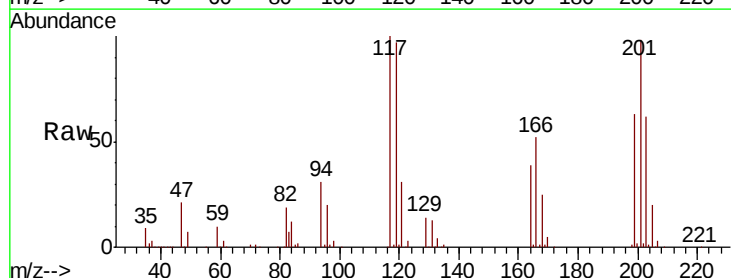
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.806 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.0	112.6
201	98.2	79.2	118.8

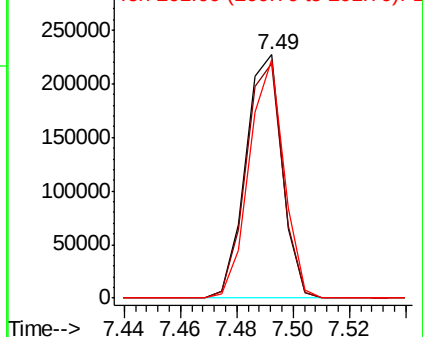
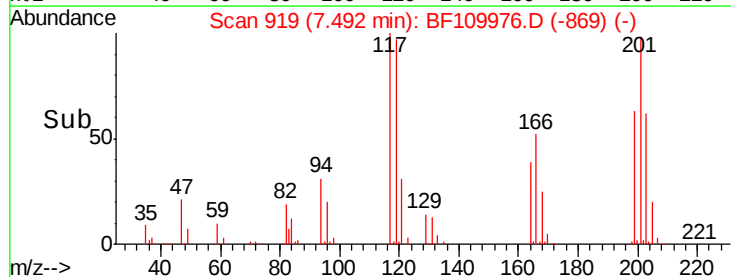


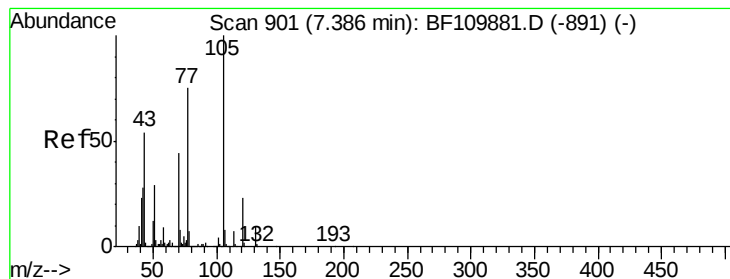
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.433 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMS

Tot Ion: 70 Resp: 387589

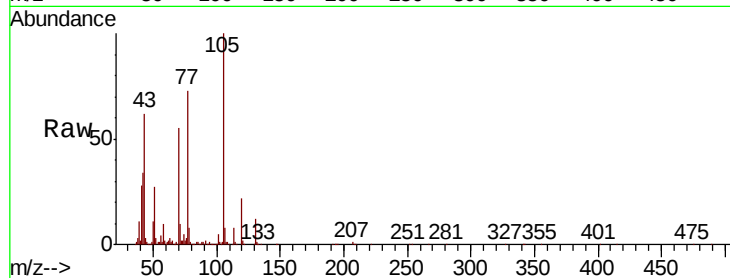
Ion Ratio Lower Upper

70 100

42 61.9 47.4 71.2

101 9.9 7.3 10.9

130 22.3 16.2 24.2

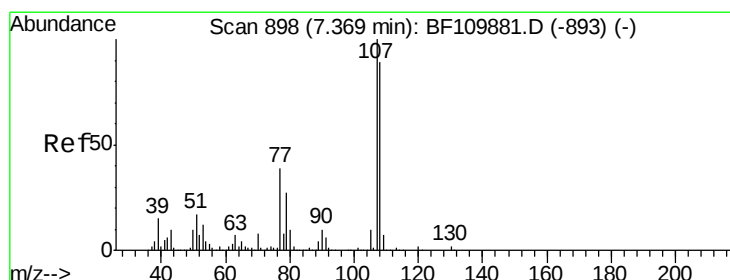
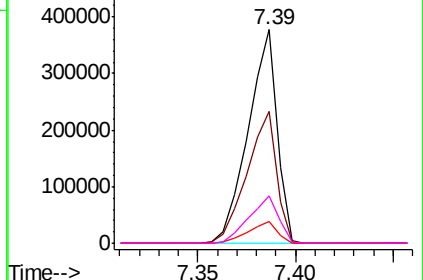
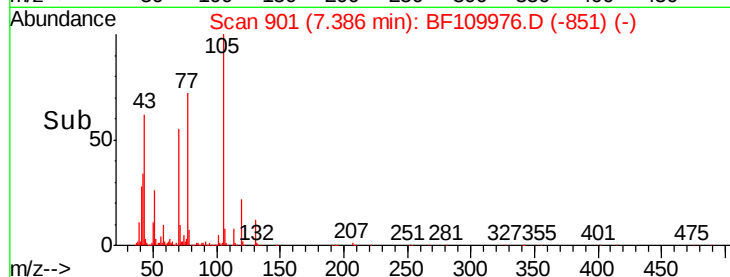


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 26.722 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Tgt Ion:107 Resp: 350905

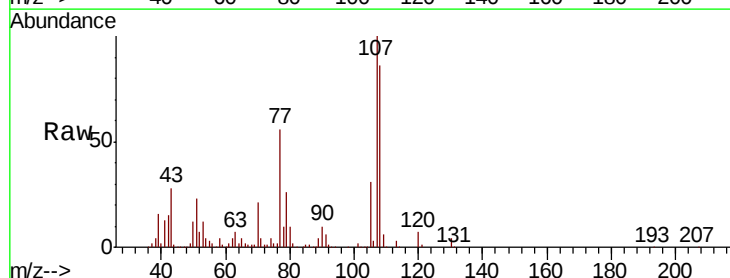
Ion Ratio Lower Upper

107 100

108 86.2 71.4 111.4

77 55.8 47.3 87.3

79 26.1 10.9 50.9

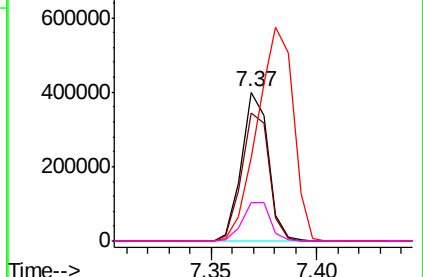
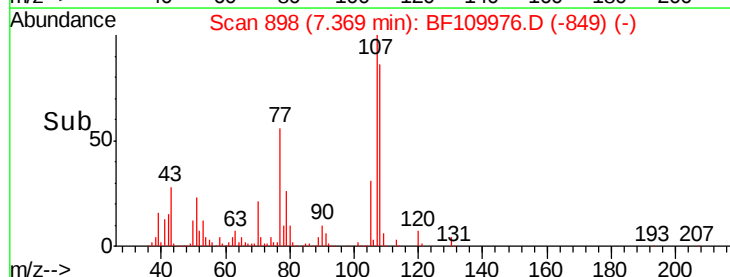


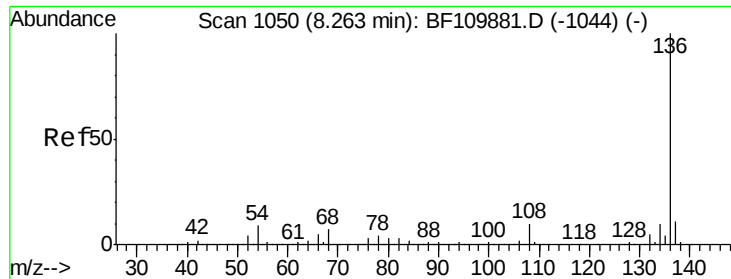
Abundance Ion 107.00 (106.70 to 107.70): BF1

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: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMS

Tot Ion:136 Resp: 703712

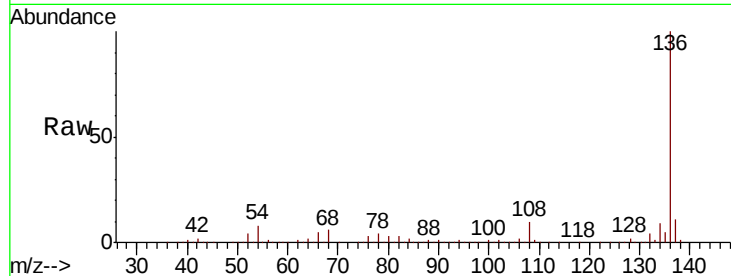
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.8 5.4 8.2

68 5.9 4.2 6.2

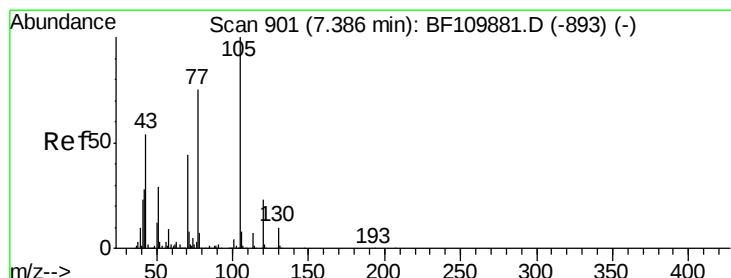
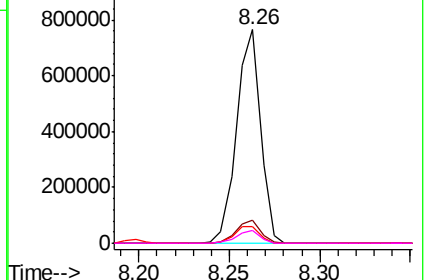
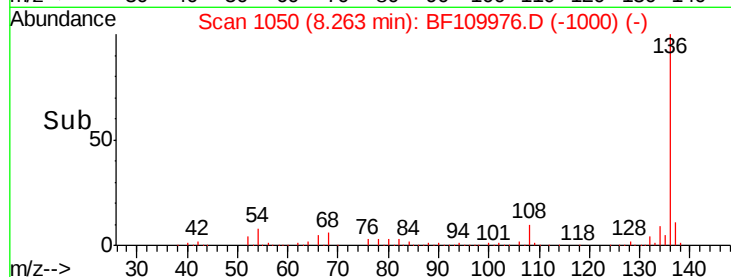


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.906 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Tgt Ion:105 Resp: 765491

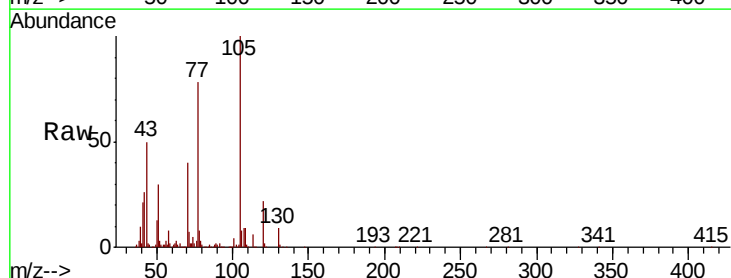
Ion Ratio Lower Upper

105 100

71 6.7 5.2 7.8

51 29.6 21.8 32.8

120 22.4 17.0 25.4

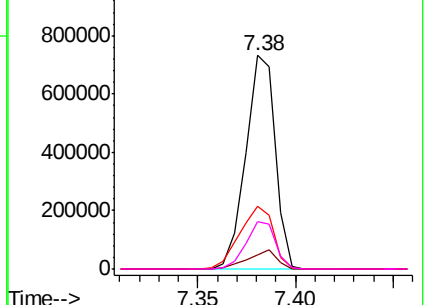
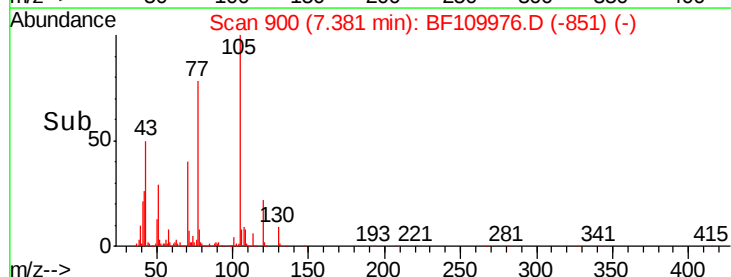


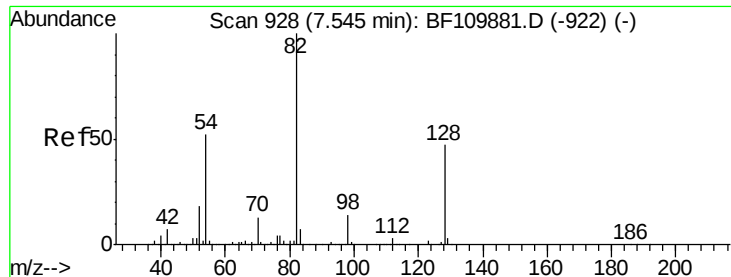
Abundance Ion 105.00 (104.70 to 105.70): E

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

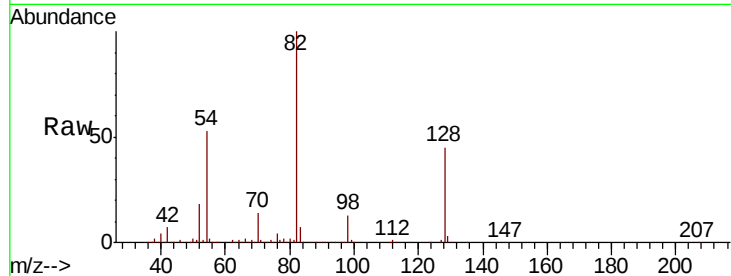




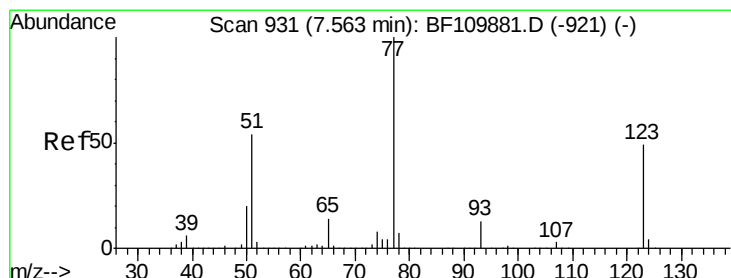
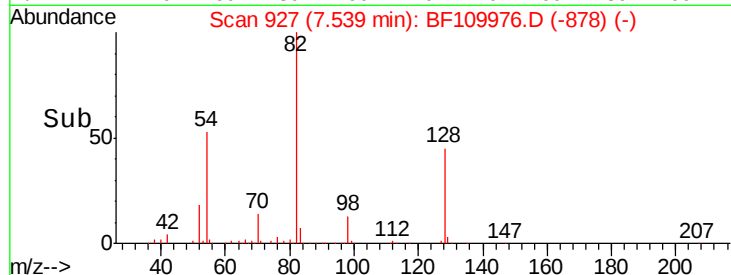
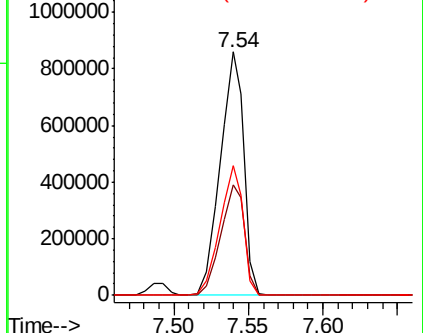
#23
Nitrobenzene-d5
Concen: 91.202 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	82	Resp	952732
Ion Ratio	Lower	Upper	
82	100		
128	45.3	34.2	51.2
54	53.3	38.6	58.0

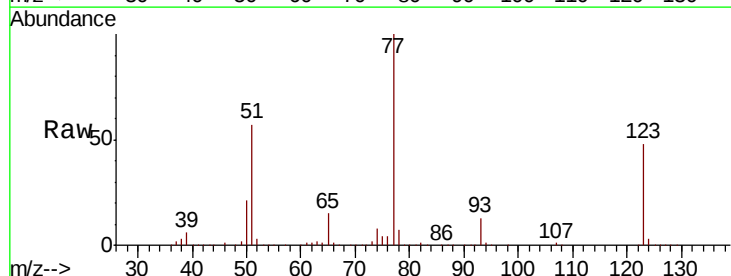


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

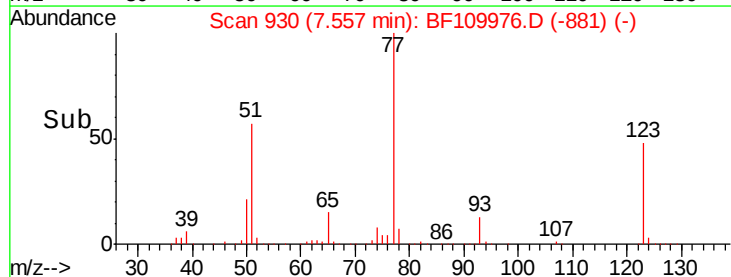
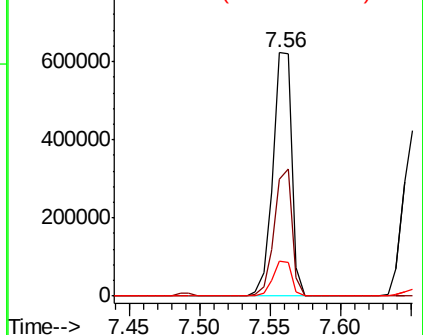


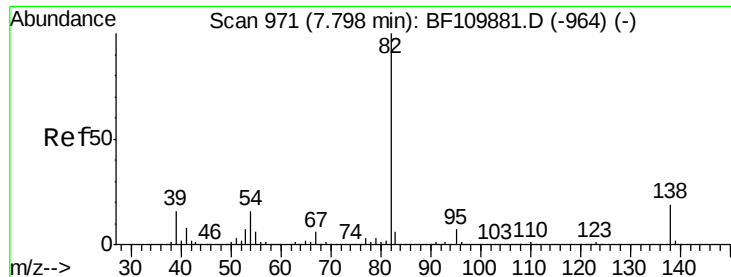
#24
Nitrobenzene
Concen: 51.848 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Tgt Ion	77	Resp	588385
Ion Ratio	Lower	Upper	
77	100		
123	48.0	35.7	53.5
65	14.5	10.7	16.1



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





#25

Isophorone

Concen: 52.313 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMS

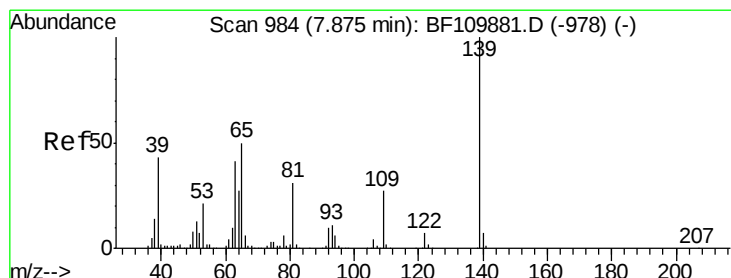
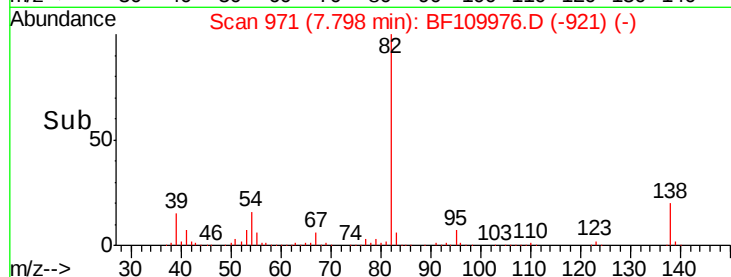
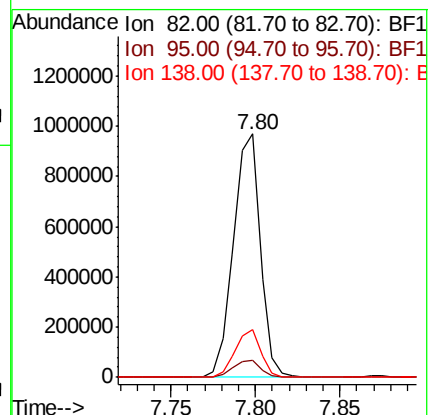
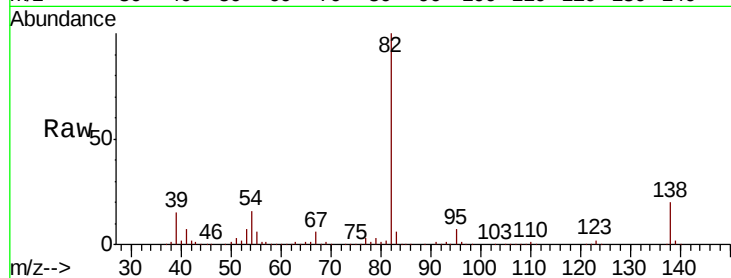
Tot Ion: 82 Resp: 1073788

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 19.6 13.2 19.8



#26

2-Nitrophenol

Concen: 62.575 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

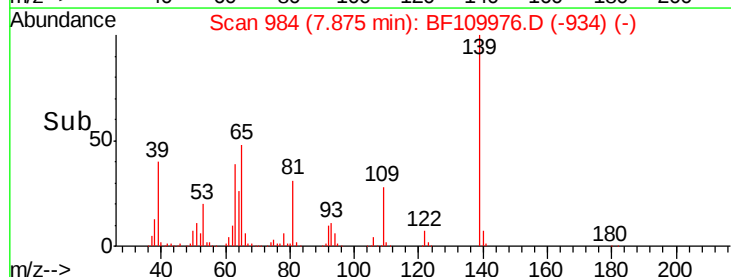
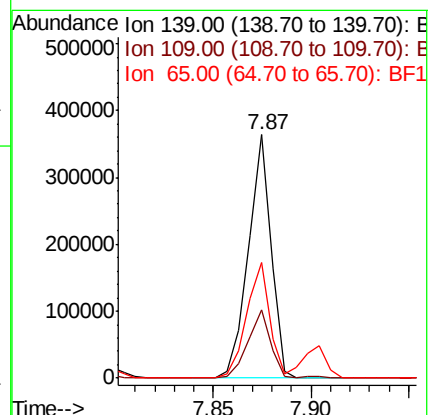
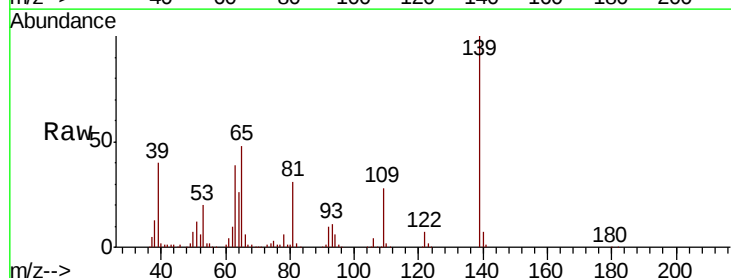
Tgt Ion: 139 Resp: 294435

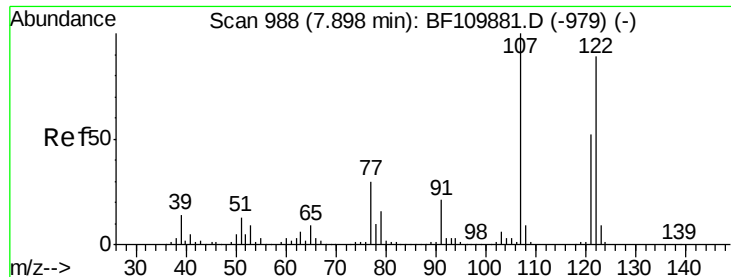
Ion Ratio Lower Upper

139 100

109 28.0 25.0 37.6

65 47.7 44.0 66.0

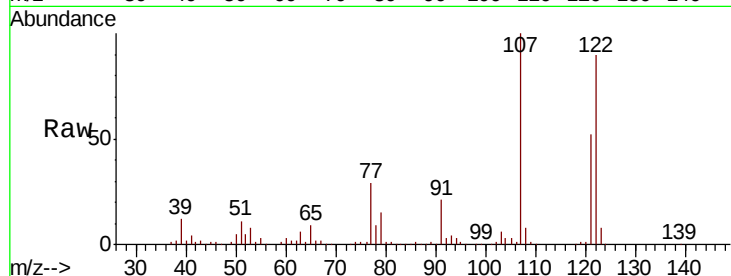




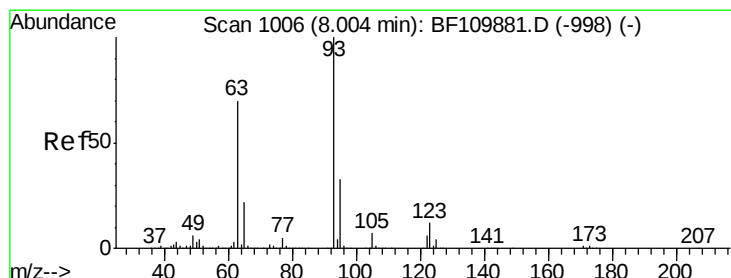
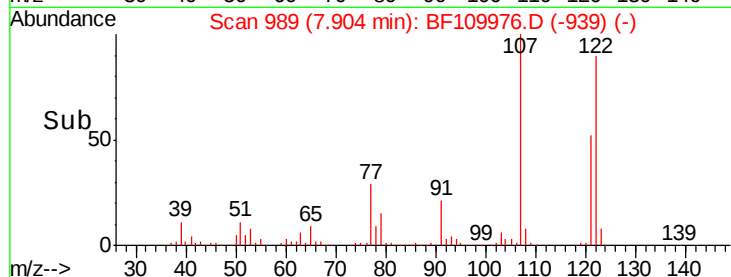
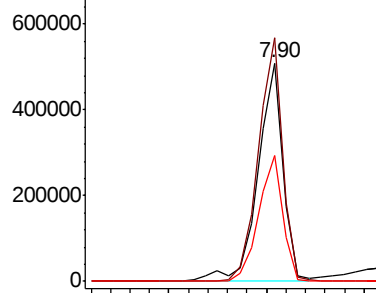
#27
2,4-Dimethylphenol
Concen: 45.774 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion:122 Resp: 452560
Ion Ratio Lower Upper
122 100
107 111.6 92.5 138.7
121 57.7 45.8 68.8

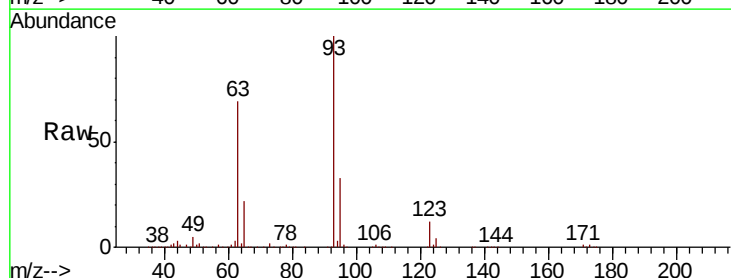


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

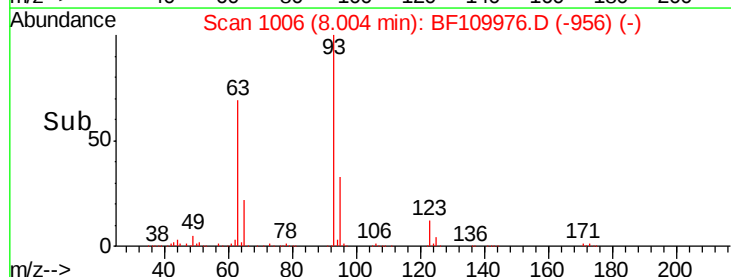
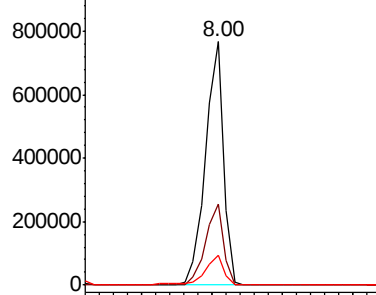


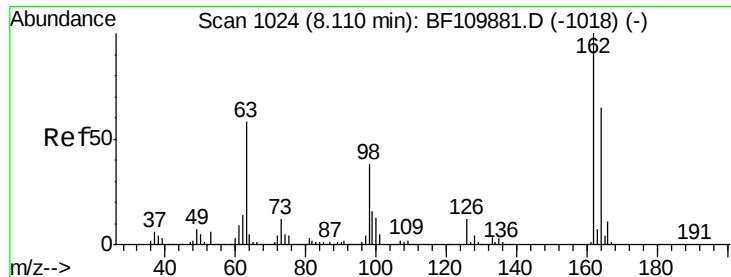
#28
bis(2-Chloroethoxy)methane
Concen: 48.254 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Tgt Ion: 93 Resp: 679758
Ion Ratio Lower Upper
93 100
95 33.2 26.4 39.6
123 12.0 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

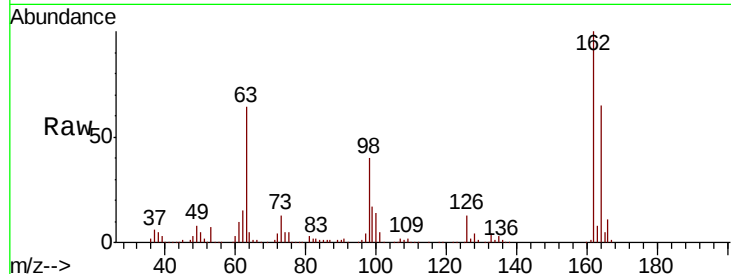




#29
2,4-Dichlorophenol
Concen: 45.235 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.6	84.6
98	40.0	17.4	57.4

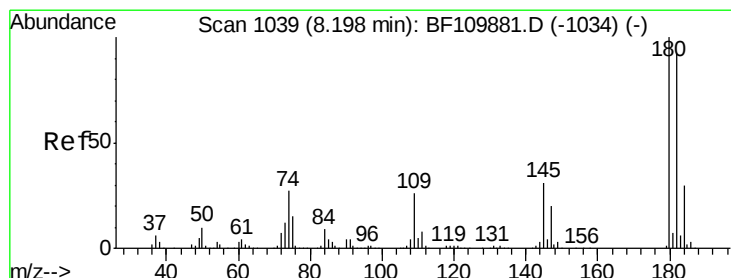
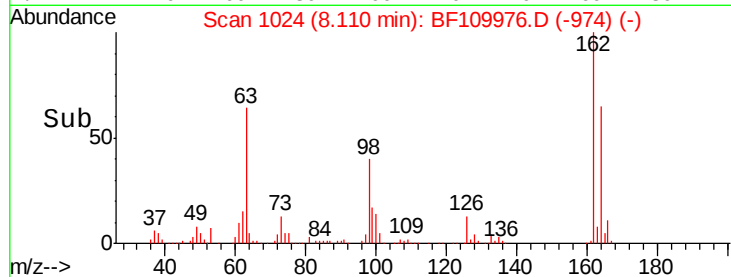
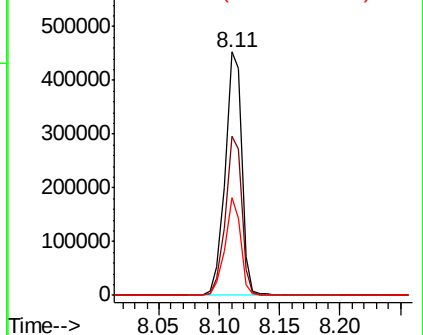


Abundance

Ion 162.00 (161.70 to 162.70): E

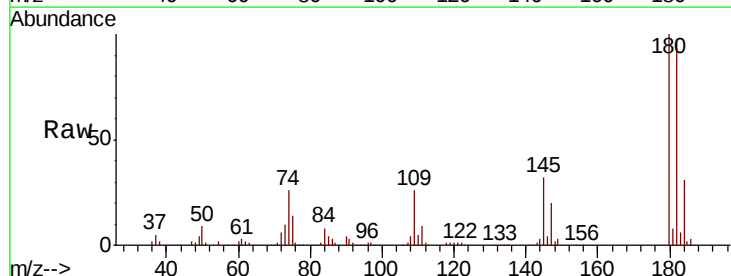
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 44.525 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	80.3	120.5
145	31.9	25.4	38.0

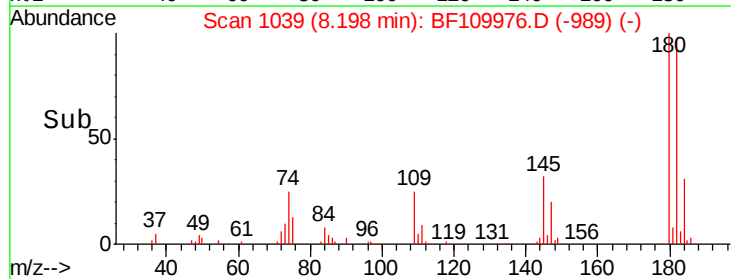
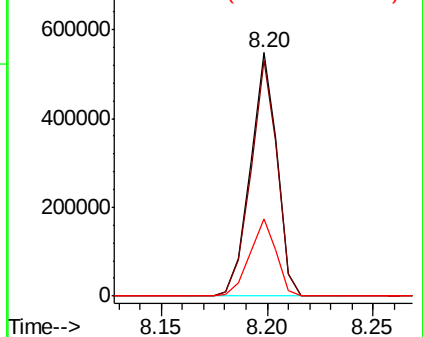


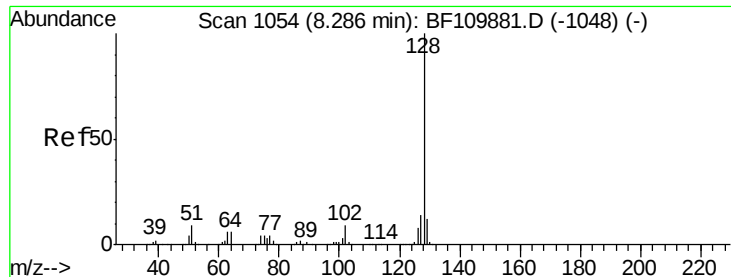
Abundance

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

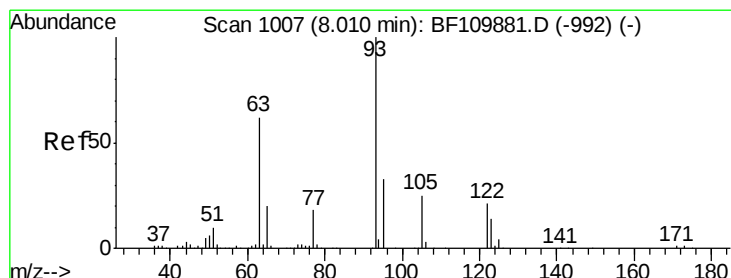
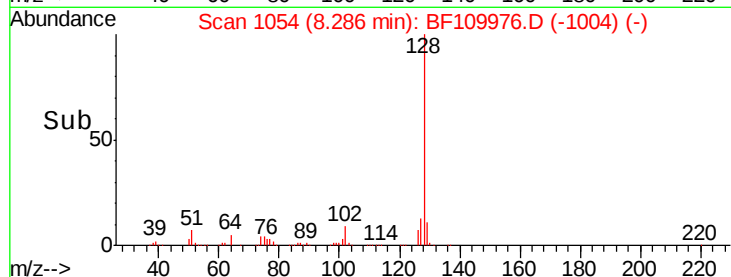
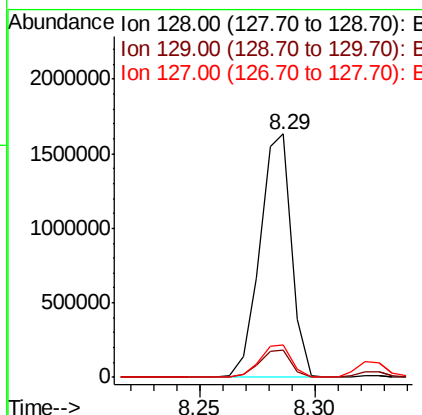
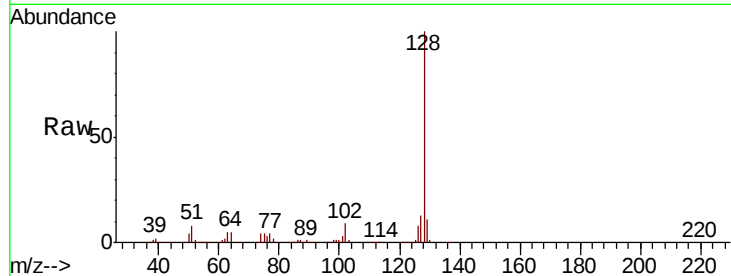




#31
Naphthalene
Concen: 48.177 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

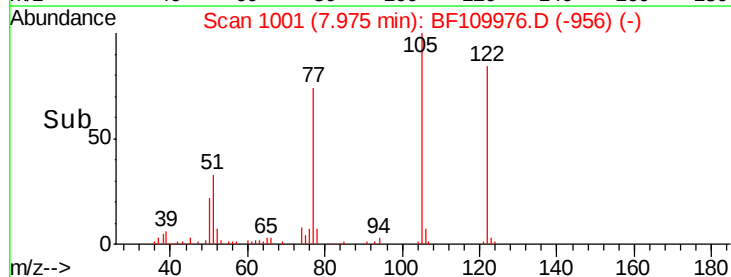
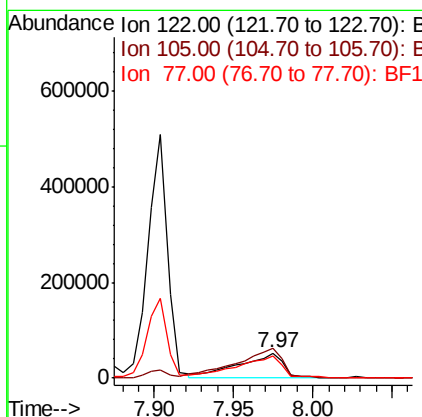
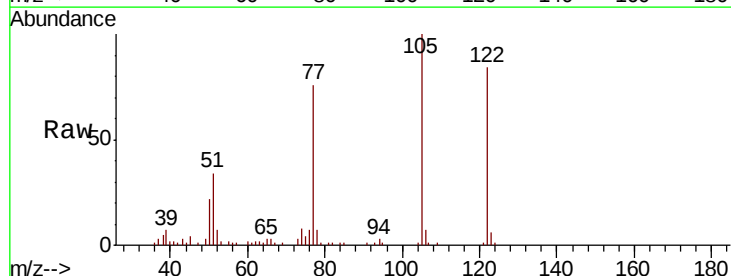
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

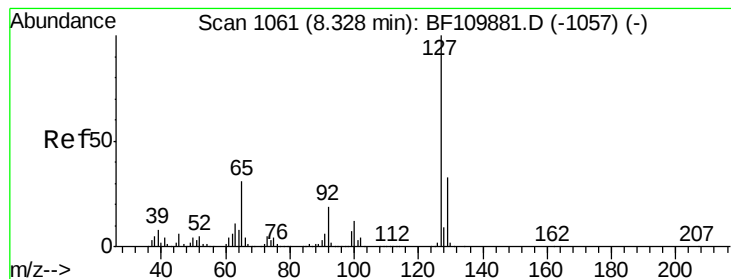
Tot Ion:128 Resp: 1554650
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 16.078 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.04 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Tgt Ion:122 Resp: 99046
Ion Ratio Lower Upper
122 100
105 119.2 109.0 149.0
77 90.8 79.0 119.0

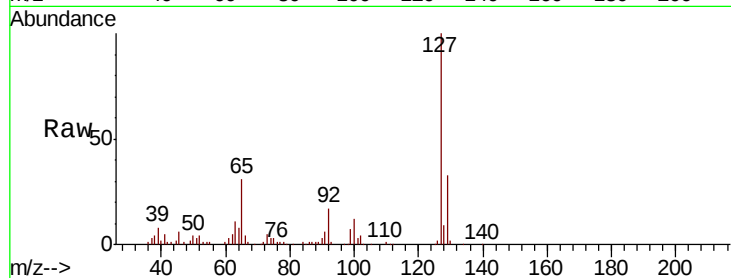




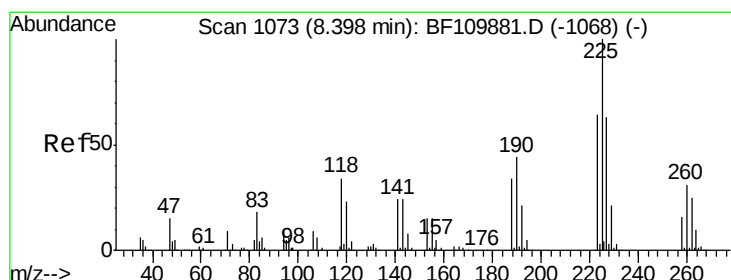
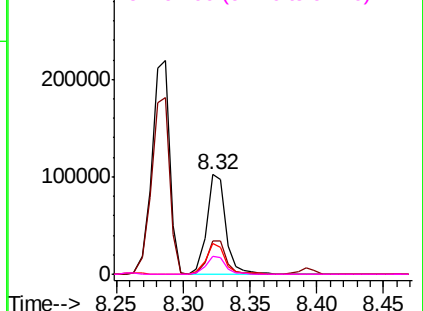
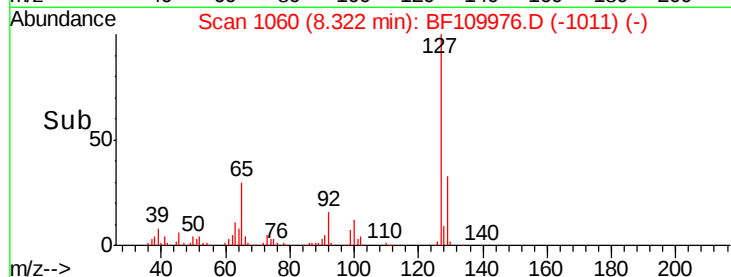
#33
 4-Chloroaniline
 Concen: 7.057 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BF109976.D
 Acq: 18 Oct 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

Tot Ion:	127	Resp:	102375
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.0	39.0
65	30.8	25.1	37.7
92	17.3	15.0	22.6

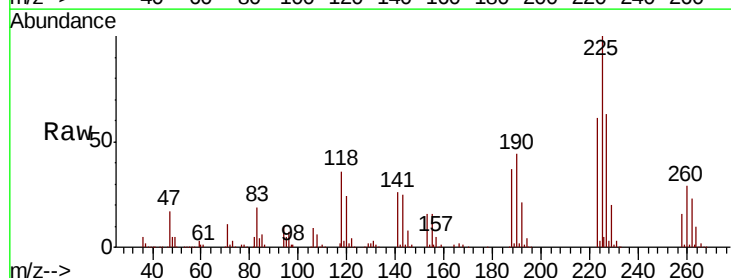


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

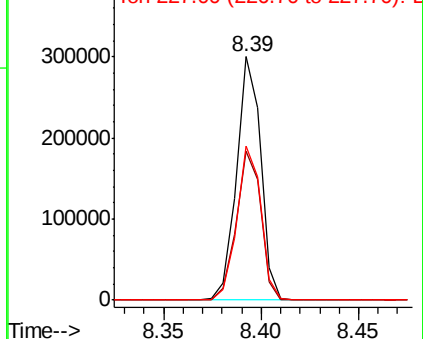
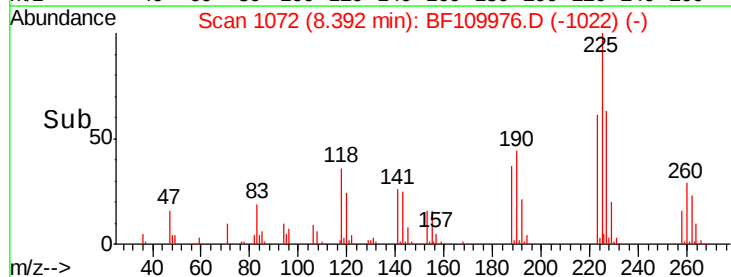


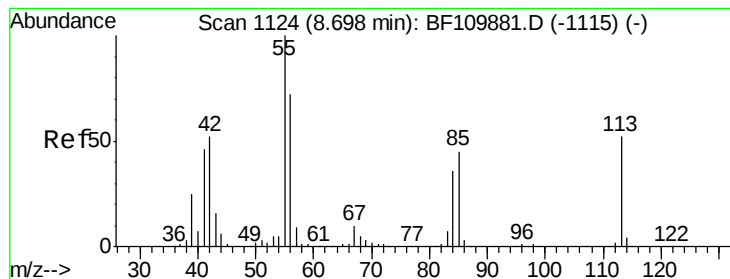
#34
 Hexachlorobutadiene
 Concen: 43.309 ng
 RT: 8.39 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BF109976.D
 Acq: 18 Oct 2018 23:13

Tgt Ion:	225	Resp:	256465
Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.4	77.2
227	63.2	51.0	76.6



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





#35

Caprolactam

Concen: 5.098 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.02 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMS

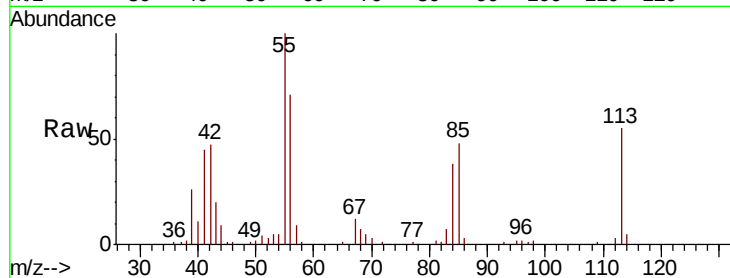
Tot Ion:113 Resp: 17364

Ion Ratio Lower Upper

113 100

55 180.8 142.8 182.8

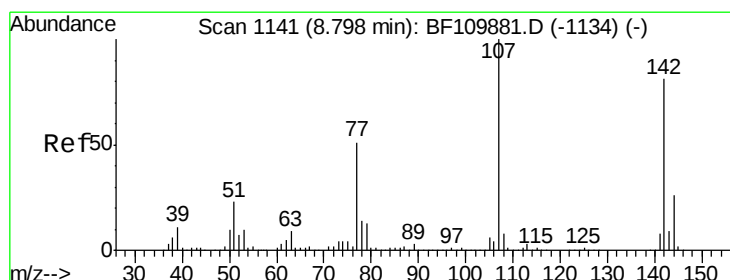
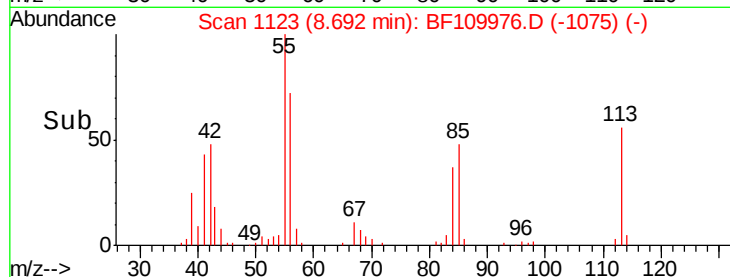
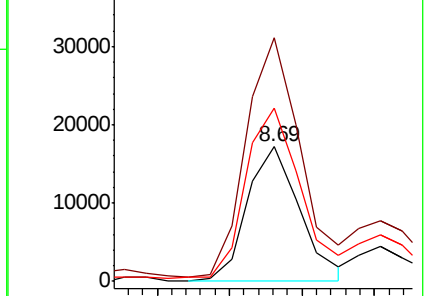
56 128.5 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.244 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

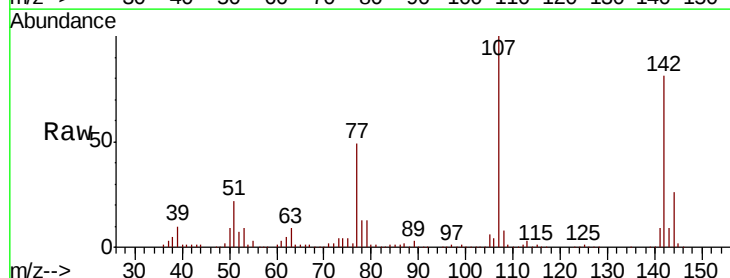
Tgt Ion:107 Resp: 417308

Ion Ratio Lower Upper

107 100

144 26.4 20.0 30.0

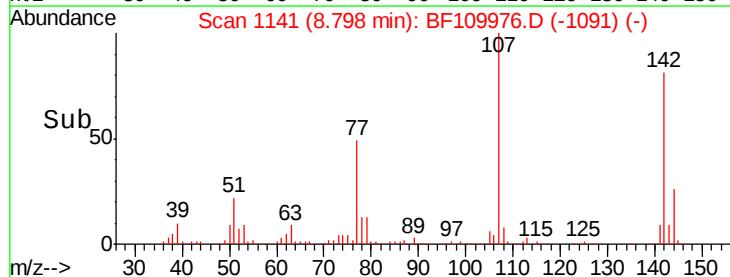
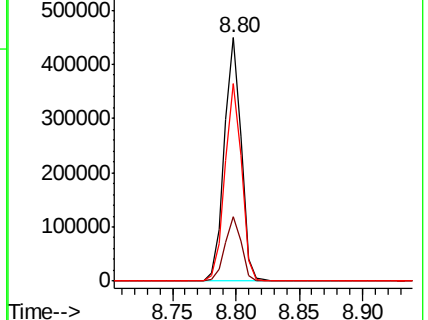
142 80.9 59.7 89.5

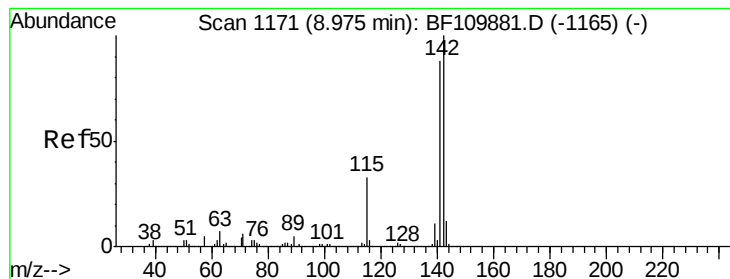


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

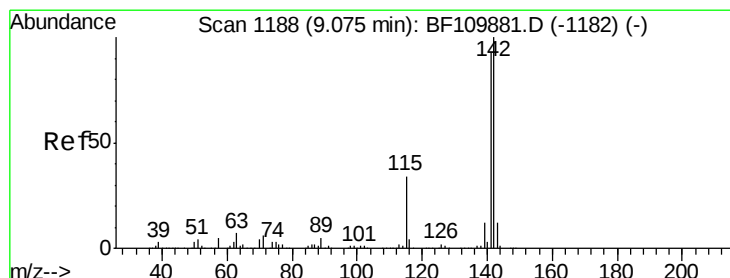
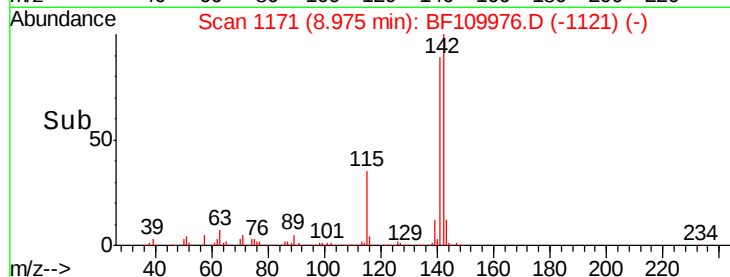
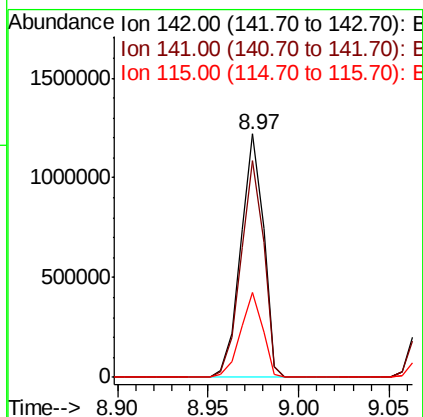
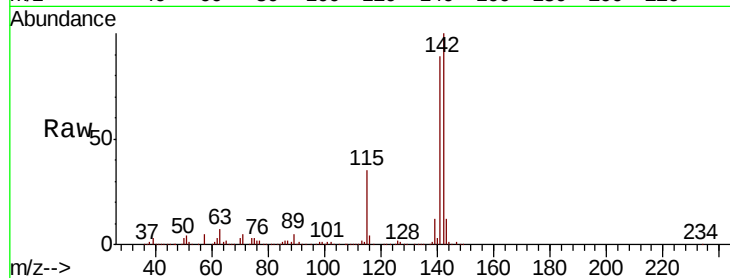




#37
 2-Methylnaphthalene
 Concen: 51.037 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF109976.D
 Acq: 18 Oct 2018 23:13

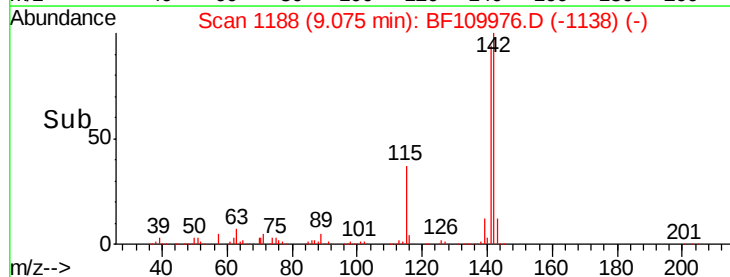
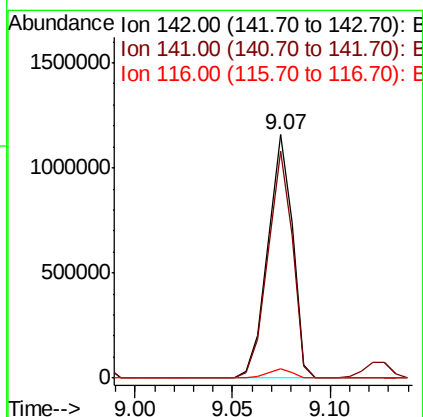
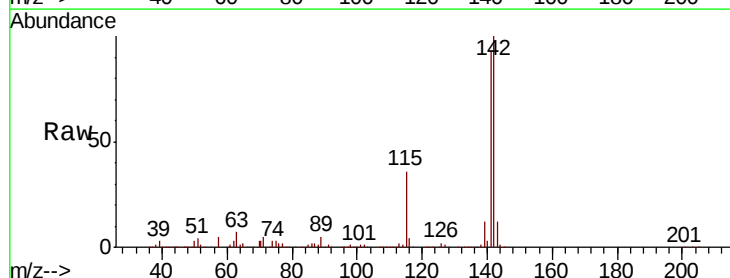
Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

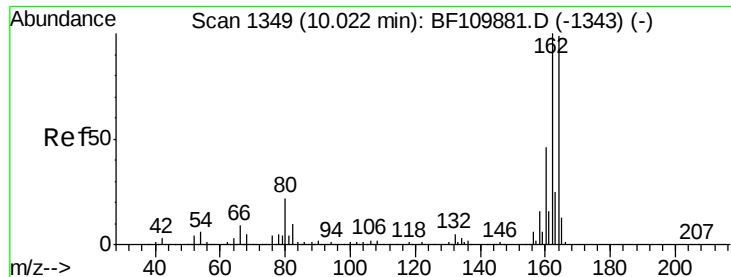
Tot Ion:142 Resp: 1066459
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.4 107.2
 115 34.8 28.7 43.1



#38
 1-Methylnaphthalene
 Concen: 50.239 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF109976.D
 Acq: 18 Oct 2018 23:13

Tgt Ion:142 Resp: 1017231
 Ion Ratio Lower Upper
 142 100
 141 93.2 74.2 111.4
 116 3.8 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMS

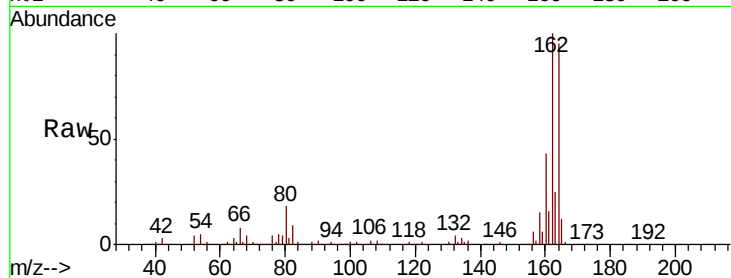
Tot Ion:164 Resp: 315301

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.6

160 45.5 37.0 55.6

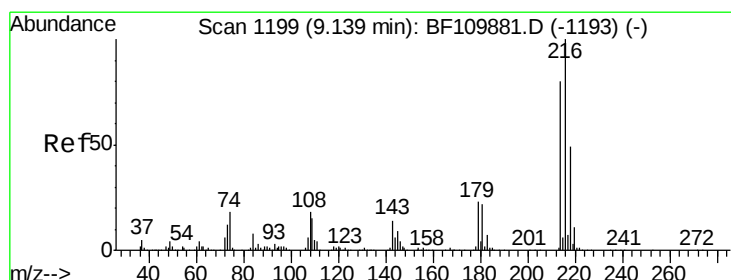
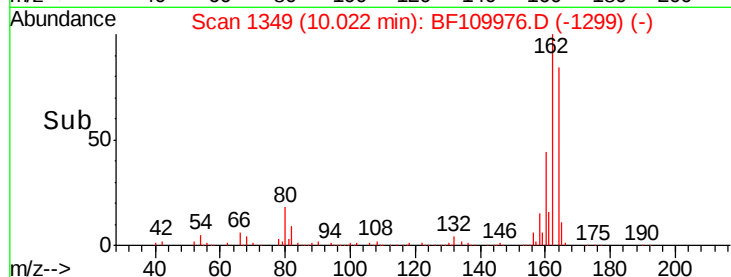
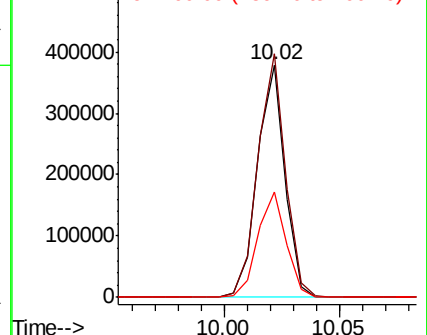


Abundance

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: 46.669 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Tgt Ion:216 Resp: 453237

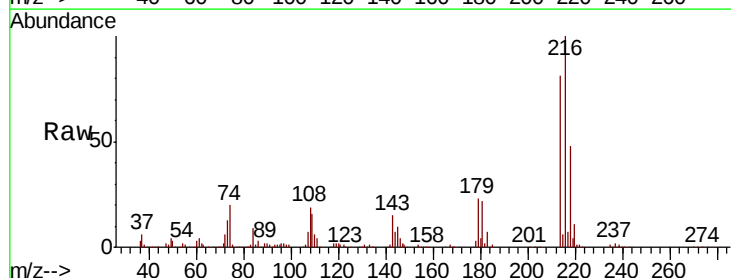
Ion Ratio Lower Upper

216 100

214 80.2 63.8 95.6

179 23.1 16.6 25.0

108 22.1 15.1 22.7



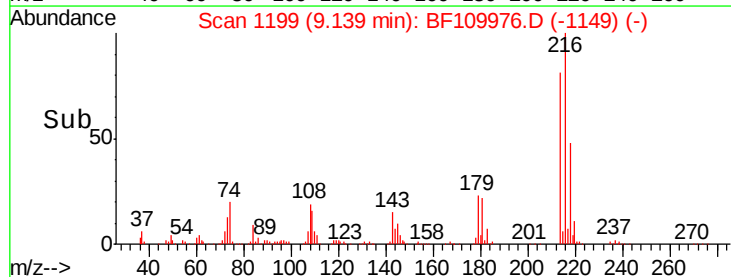
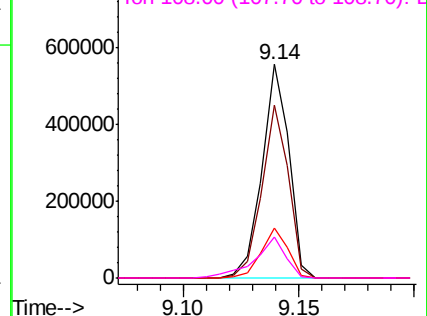
Abundance

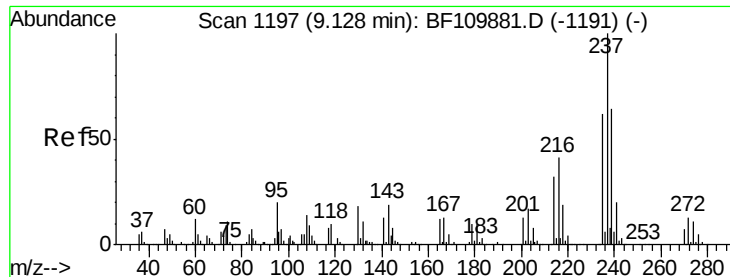
Ion 216.00 (215.70 to 216.70): E

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: 114.966 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMS

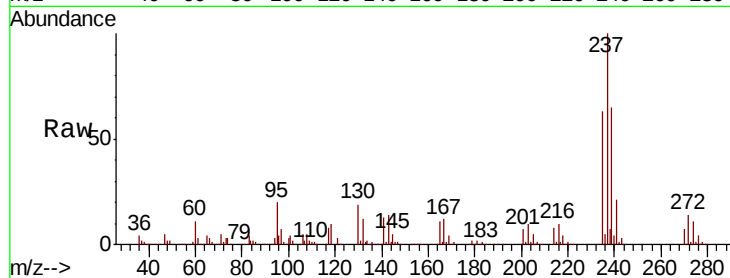
Tot Ion:237 Resp: 538889

Ion Ratio Lower Upper

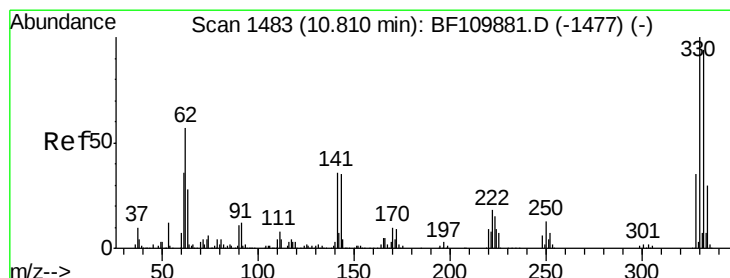
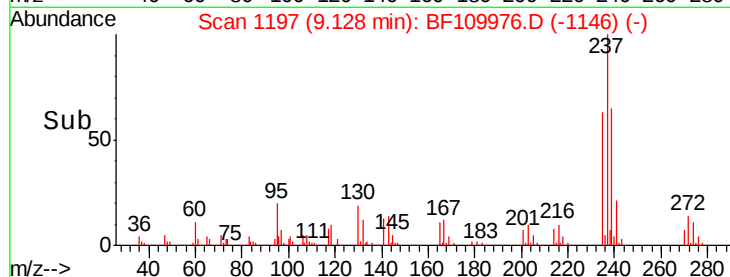
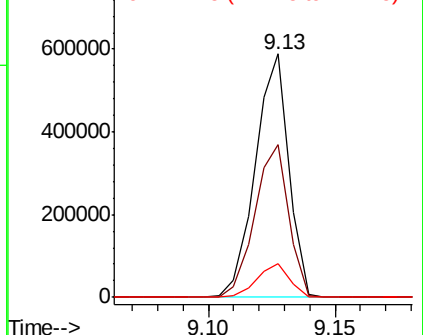
237 100

235 62.6 43.1 83.1

272 13.8 0.0 32.6



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: 121.172 ng

RT: 10.82 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

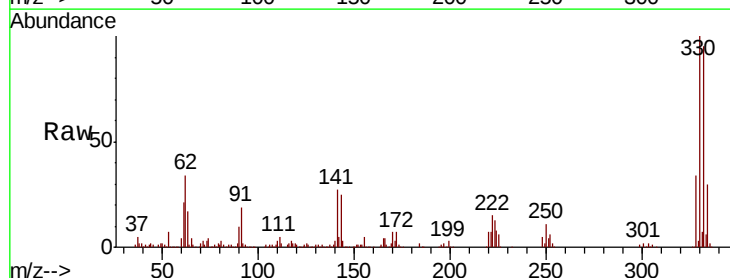
Tgt Ion:330 Resp: 330775

Ion Ratio Lower Upper

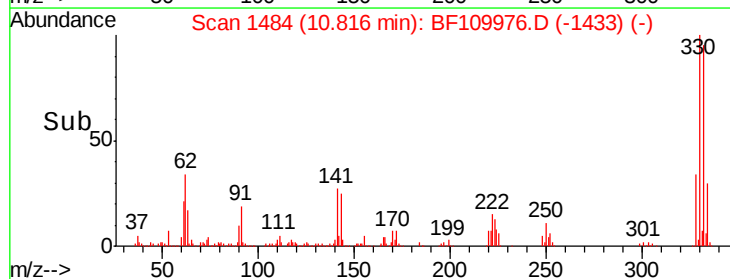
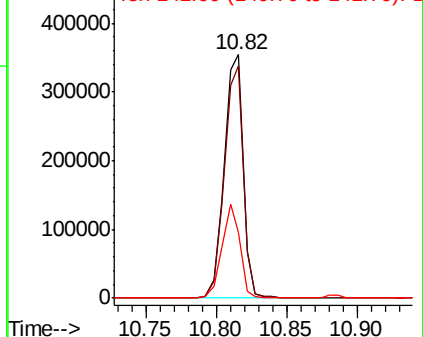
330 100

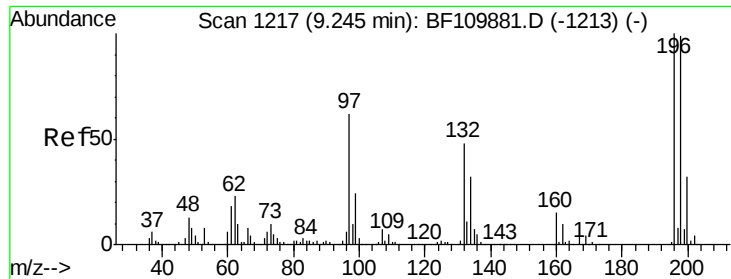
332 95.2 77.1 115.7

141 36.3 27.0 40.4



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

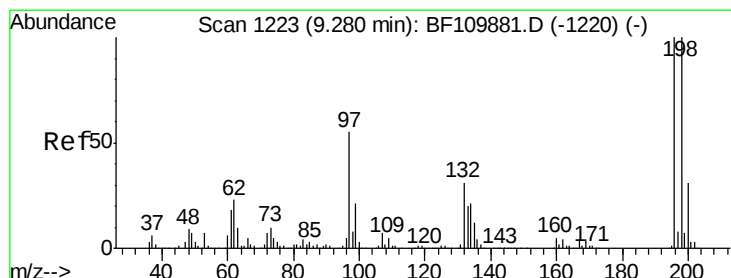
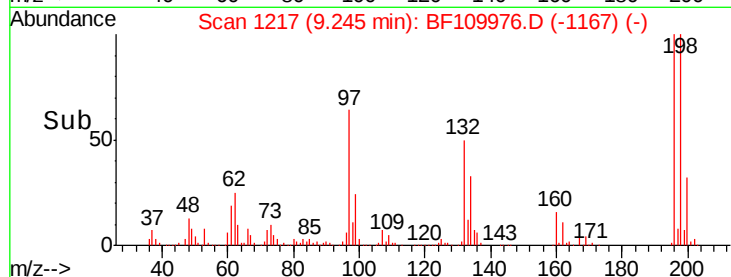
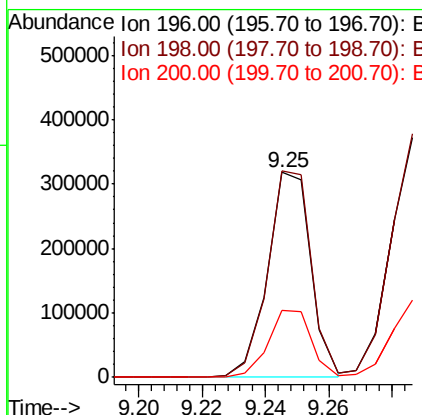
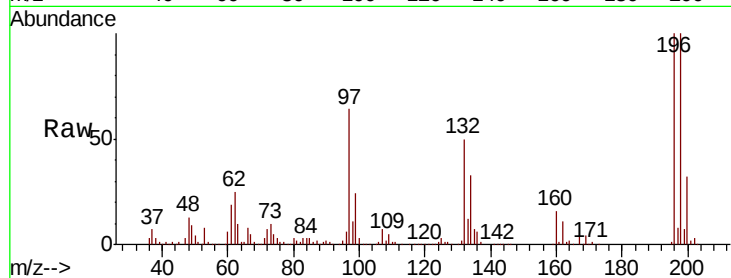




#43
 2,4,6-Trichlorophenol
 Concen: 49.716 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF109976.D
 Acq: 18 Oct 2018 23:13

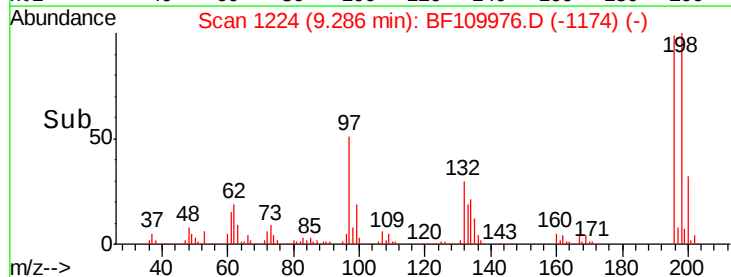
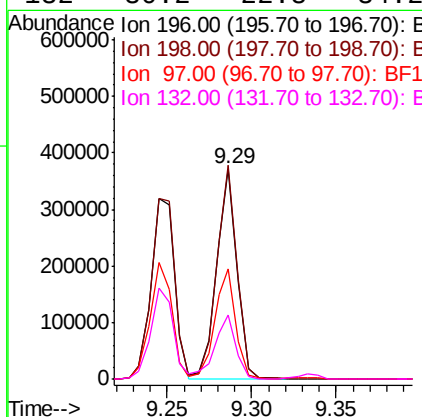
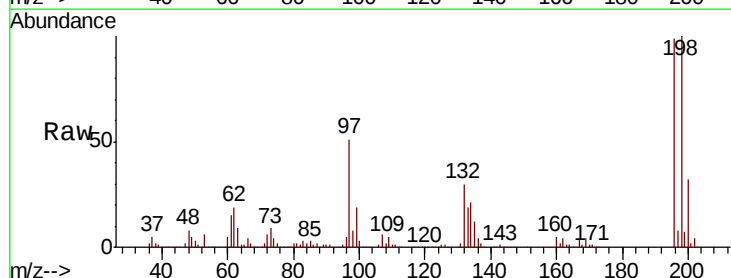
Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

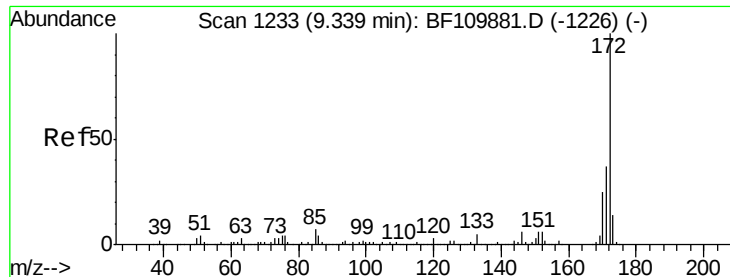
Tot Ion:196 Resp: 301902
 Ion Ratio Lower Upper
 196 100
 198 100.4 76.2 114.4
 200 32.4 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 49.965 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF109976.D
 Acq: 18 Oct 2018 23:13

Tgt Ion:196 Resp: 314906
 Ion Ratio Lower Upper
 196 100
 198 101.4 75.8 113.6
 97 52.1 42.4 63.6
 132 30.2 22.8 34.2

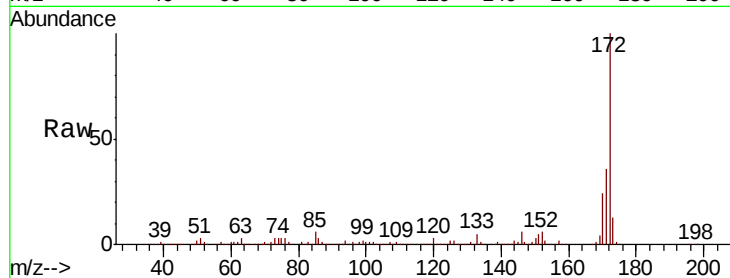




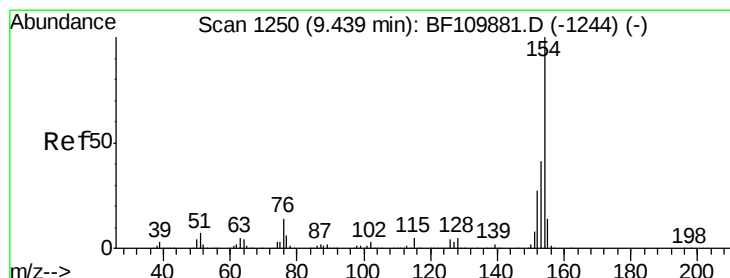
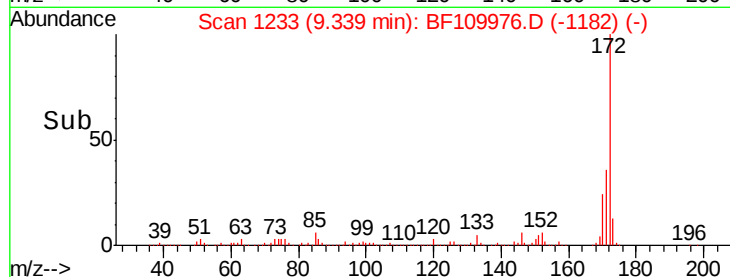
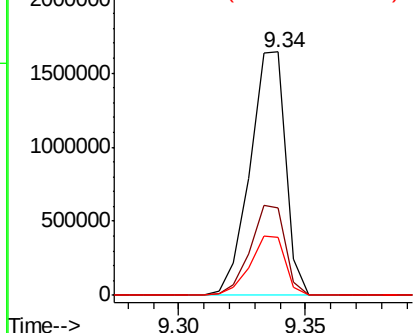
#45
2-Fluorobiphenyl
Concen: 81.681 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion:172 Resp: 1614017
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.6 19.7 29.5

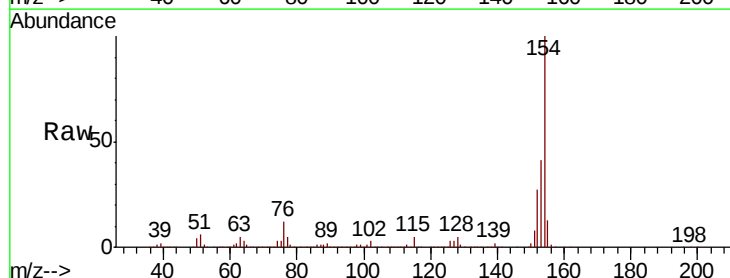


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

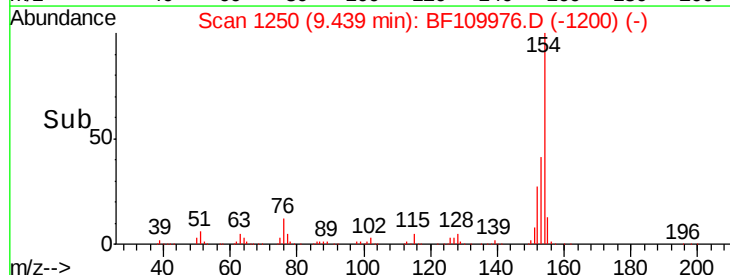
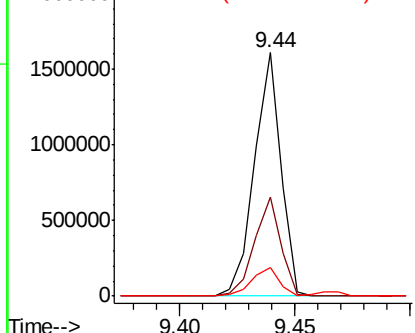


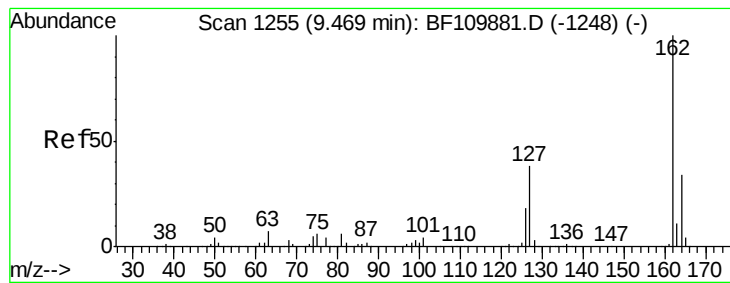
#46
1,1'-Biphenyl
Concen: 46.298 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Tgt Ion:154 Resp: 1300601
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 11.7 0.0 31.9



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: 47.492 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMS

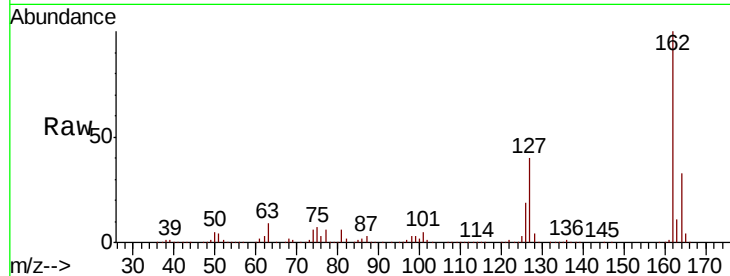
Tot Ion:162 Resp: 982735

Ion Ratio Lower Upper

162 100

127 39.8 32.6 48.8

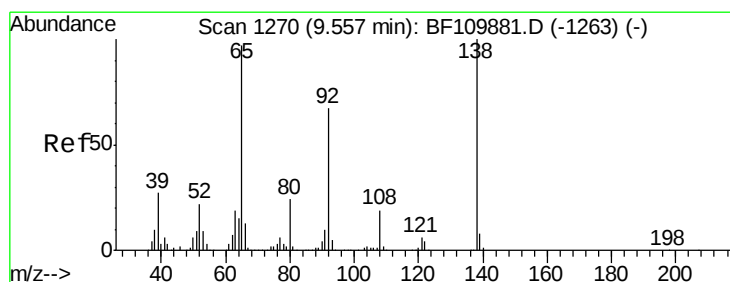
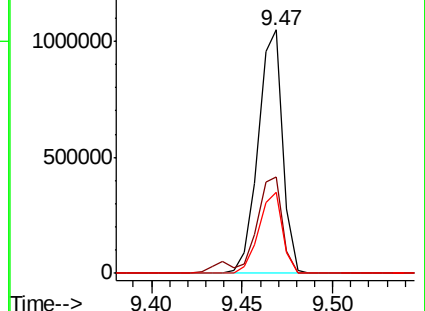
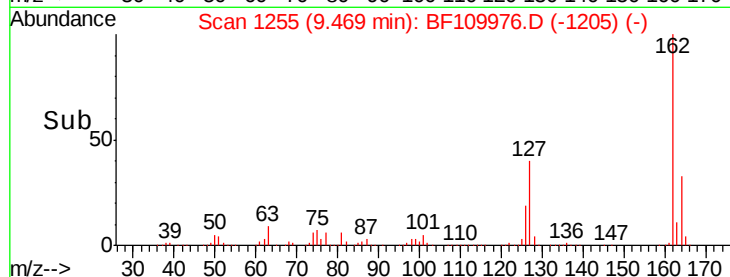
164 33.1 25.9 38.9



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: 55.295 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

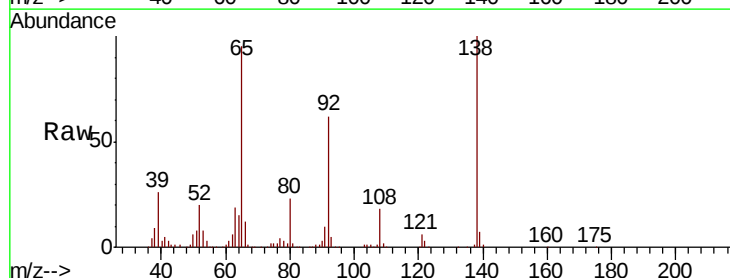
Tgt Ion: 65 Resp: 293632

Ion Ratio Lower Upper

65 100

92 65.2 54.6 81.8

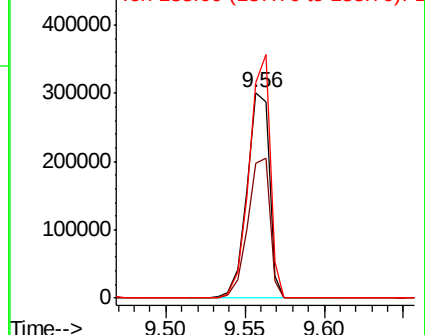
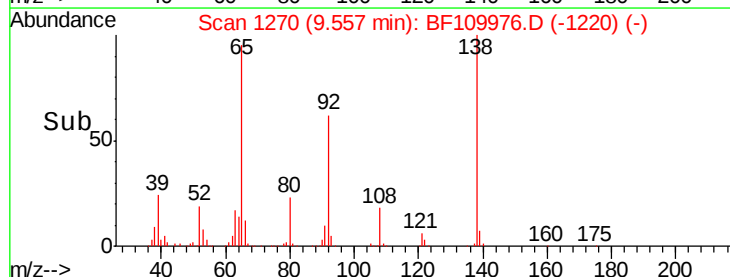
138 104.7 80.3 120.5

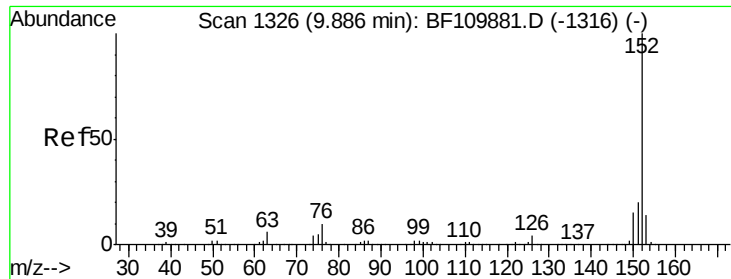


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.770 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMS

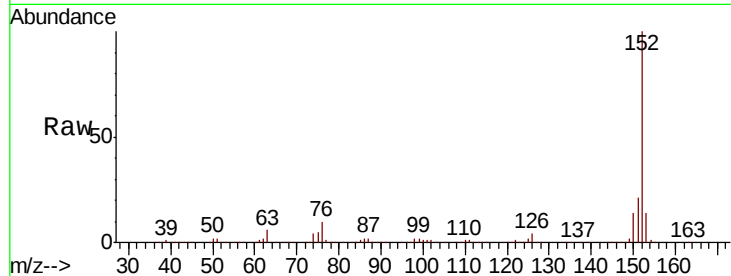
Tot Ion:152 Resp: 1526188

Ion Ratio Lower Upper

152 100

151 20.6 15.8 23.8

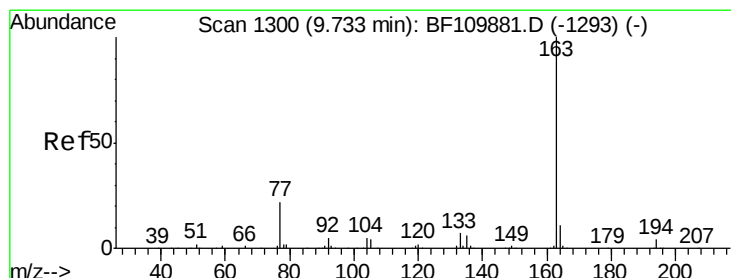
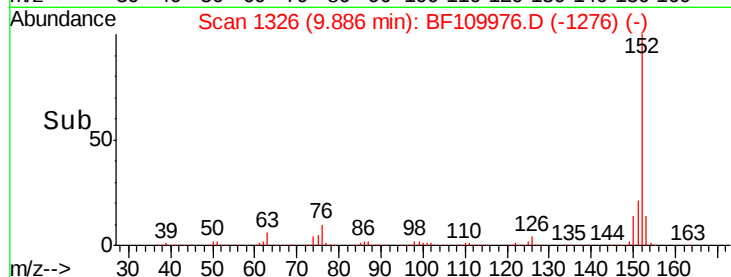
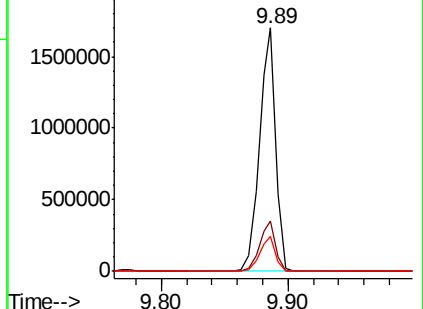
153 14.3 10.4 15.6



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: 49.122 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

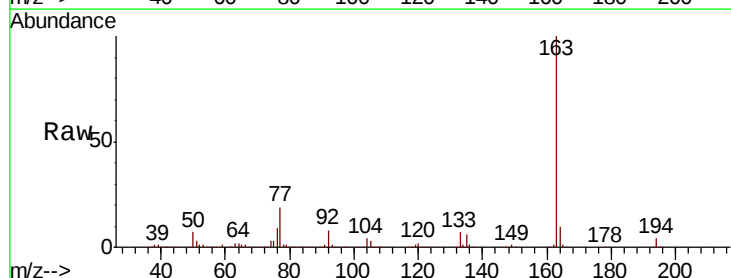
Tgt Ion:163 Resp: 1096708

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

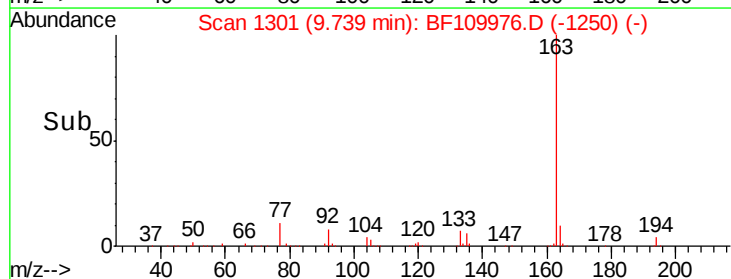
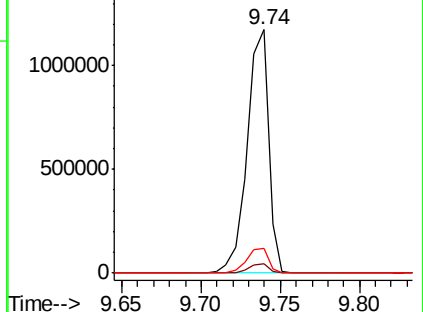
164 10.0 8.1 12.1

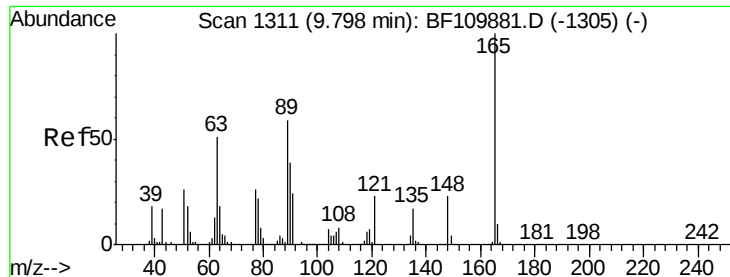


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

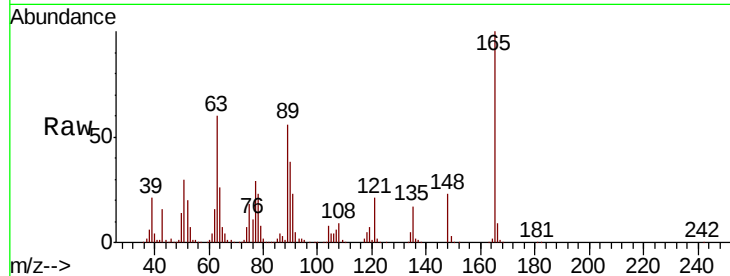




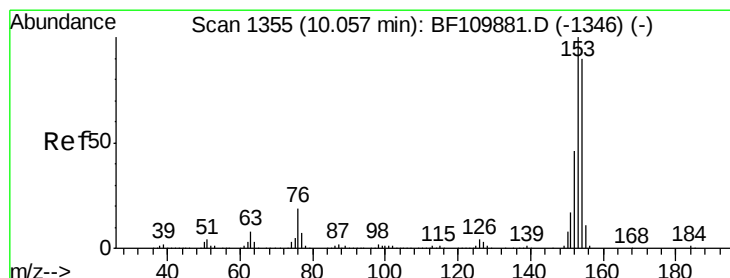
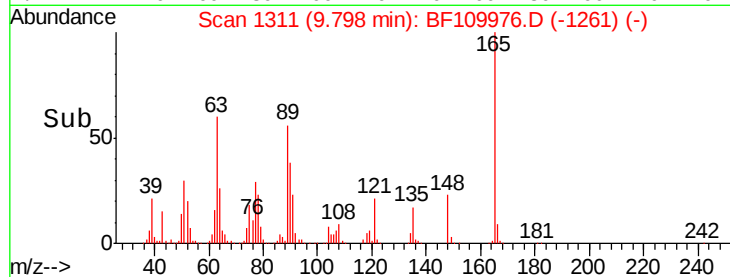
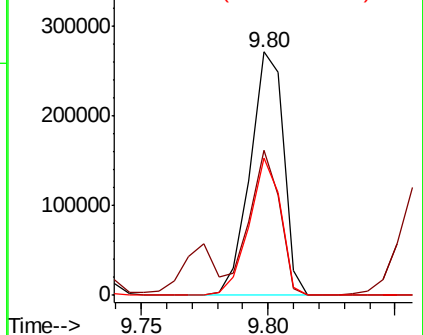
#51
 2,6-Dinitrotoluene
 Concen: 59.147 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF109976.D
 Acq: 18 Oct 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

Tot Ion:165 Resp: 250815
 Ion Ratio Lower Upper
 165 100
 63 59.8 48.9 73.3
 89 56.3 46.6 69.8

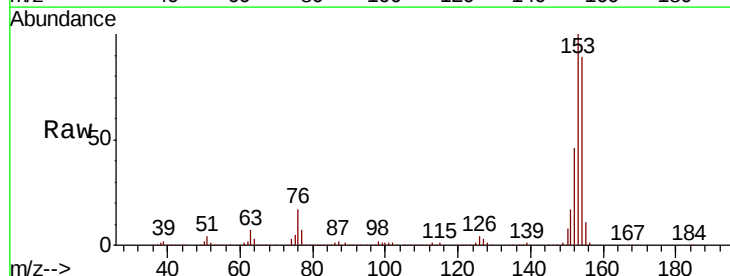


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

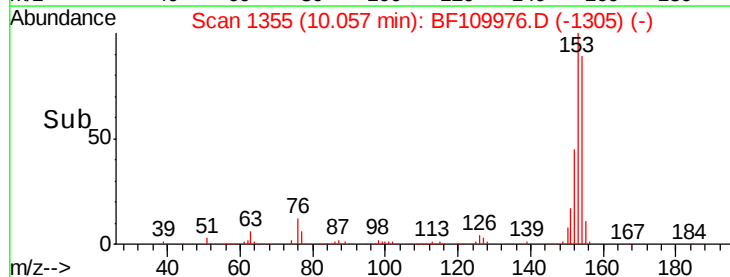
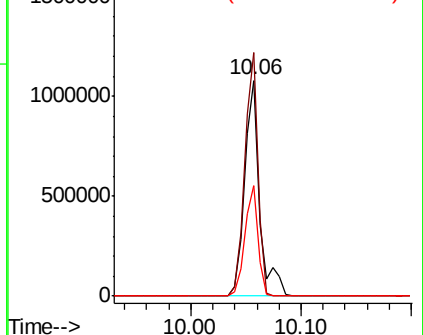


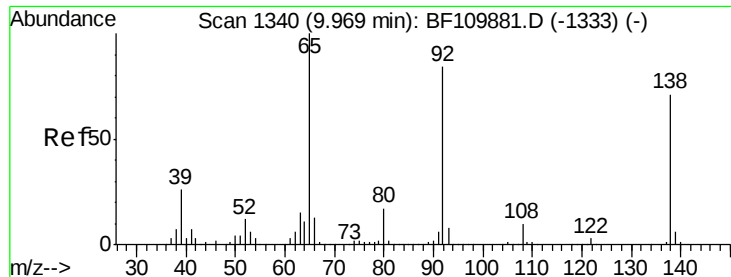
#52
 Acenaphthene
 Concen: 54.221 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF109976.D
 Acq: 18 Oct 2018 23:13

Tgt Ion:154 Resp: 1037690
 Ion Ratio Lower Upper
 154 100
 153 112.7 90.1 135.1
 152 51.4 43.4 65.2



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

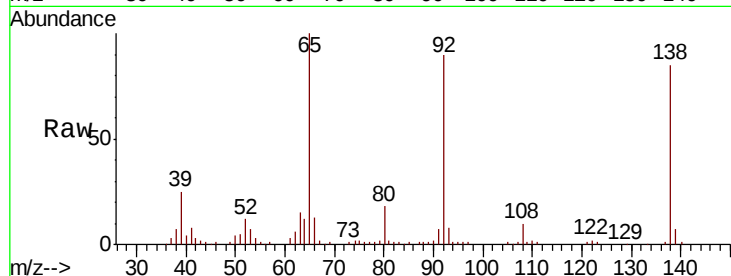




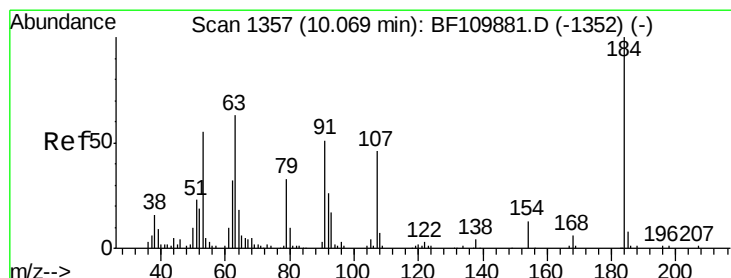
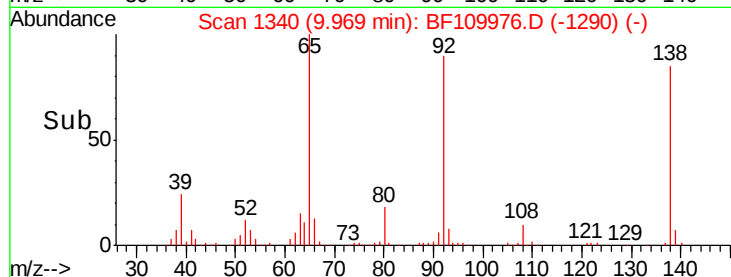
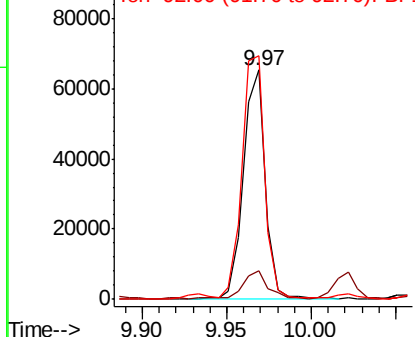
#53
3-Nitroaniline
Concen: 11.521 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion:138 Resp: 59428
Ion Ratio Lower Upper
138 100
108 12.2 8.7 13.1
92 106.1 97.0 145.4

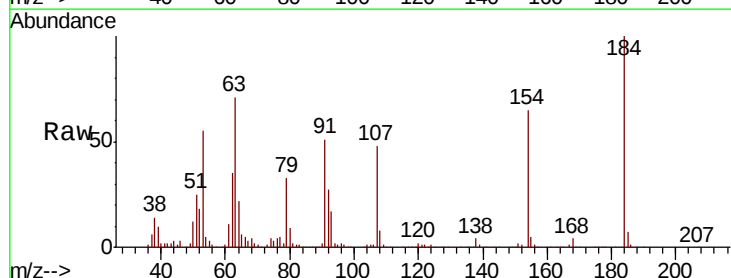


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

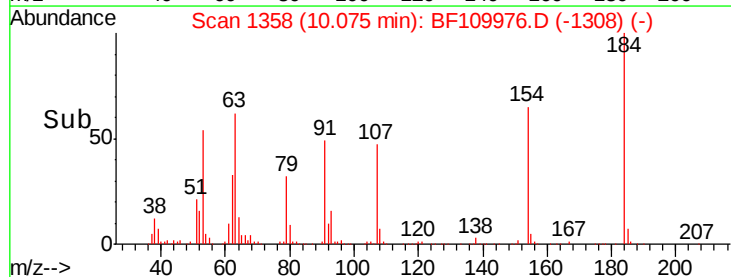
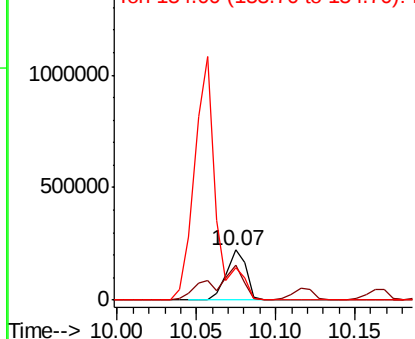


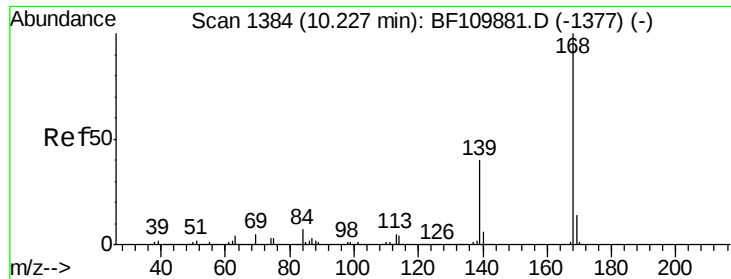
#54
2,4-Dinitrophenol
Concen: 137.292 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Tgt Ion:184 Resp: 195162
Ion Ratio Lower Upper
184 100
63 71.1 55.8 83.6
154 65.0 63.2 94.8



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

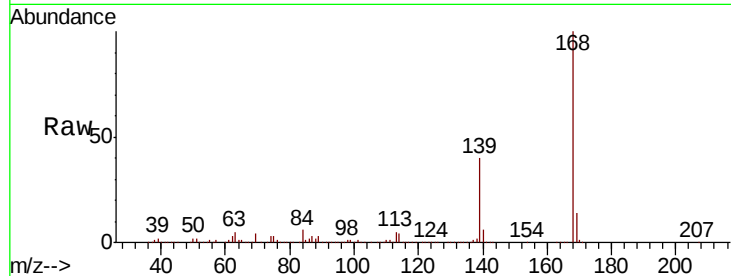




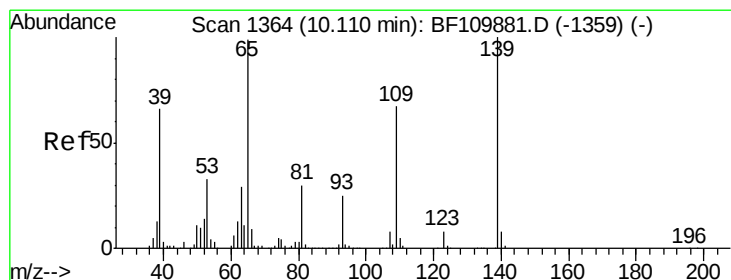
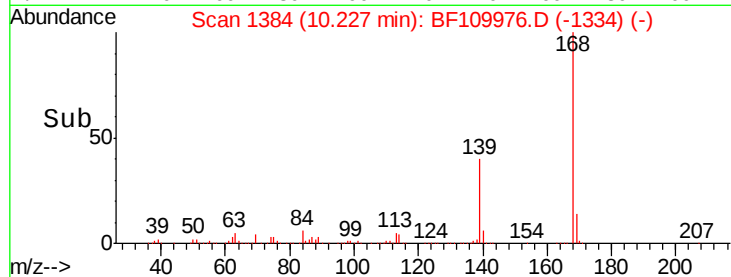
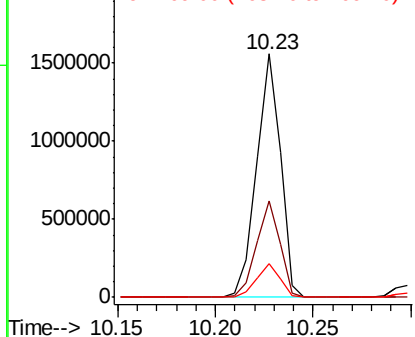
#55
Dibenzofuran
Concen: 48.383 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion:168 Resp: 1320565
Ion Ratio Lower Upper
168 100
139 39.6 33.0 49.6
169 13.9 11.3 16.9

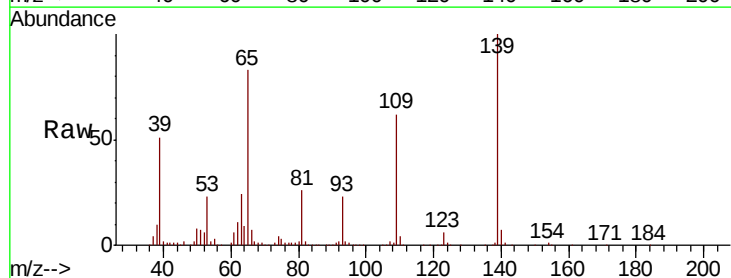


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

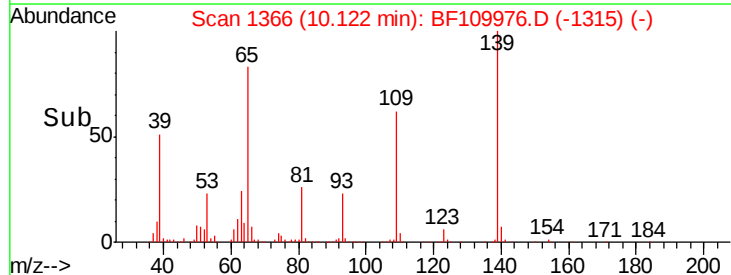
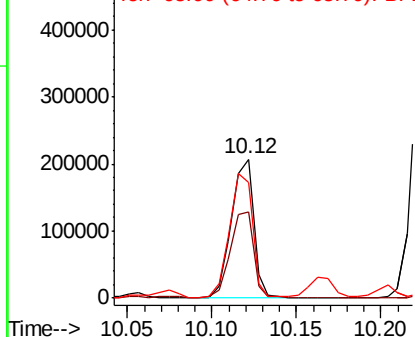


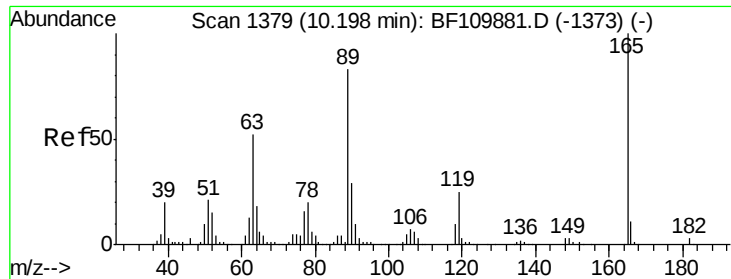
#56
4-Nitrophenol
Concen: 48.128 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Tgt Ion:139 Resp: 189429
Ion Ratio Lower Upper
139 100
109 62.0 55.8 95.8
65 83.3 77.9 117.9



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

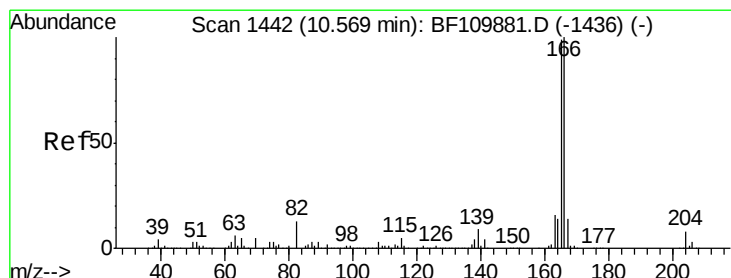
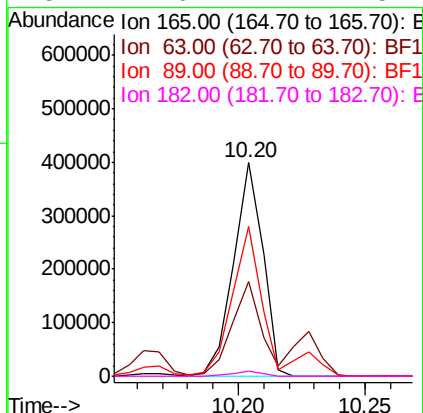
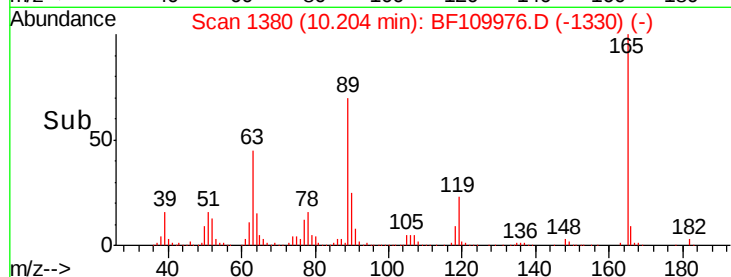
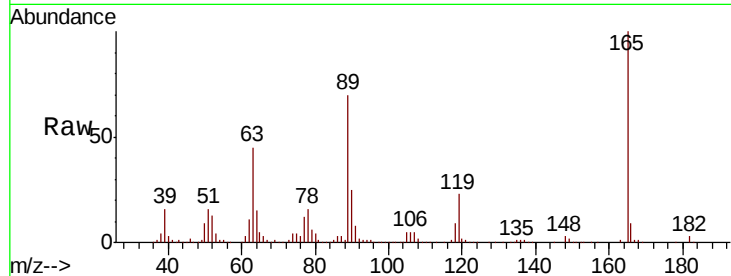




#57
2,4-Dinitrotoluene
Concen: 58.895 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

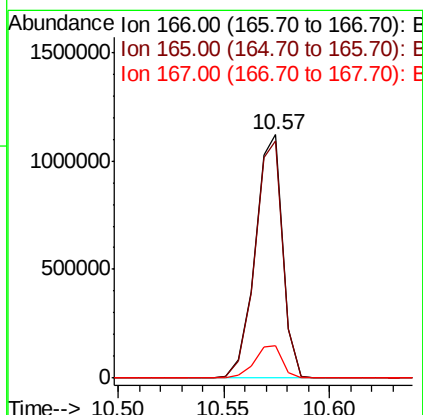
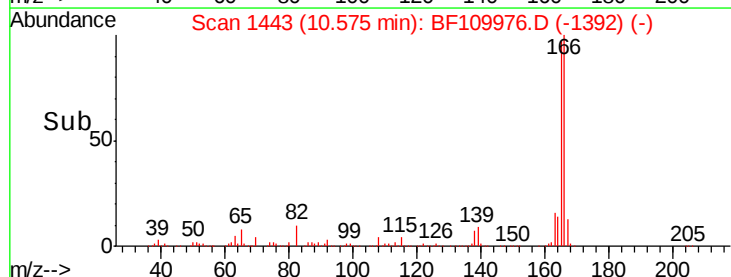
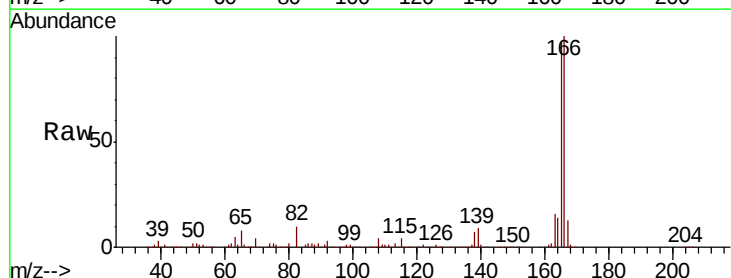
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

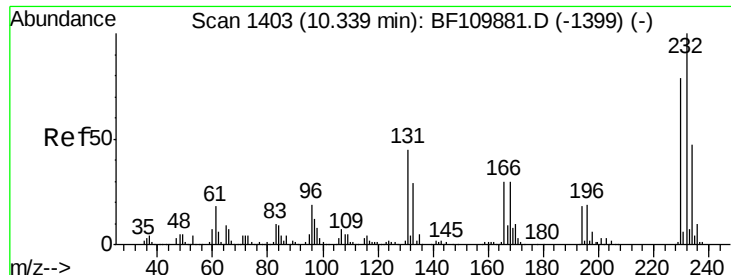
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.5	44.8	67.2#
89	70.0	62.2	93.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 51.098 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.6	117.8
167	13.3	10.8	16.2

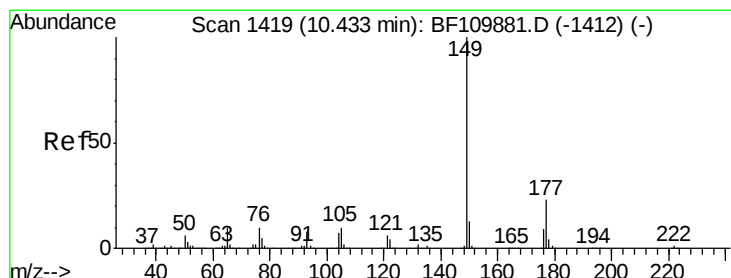
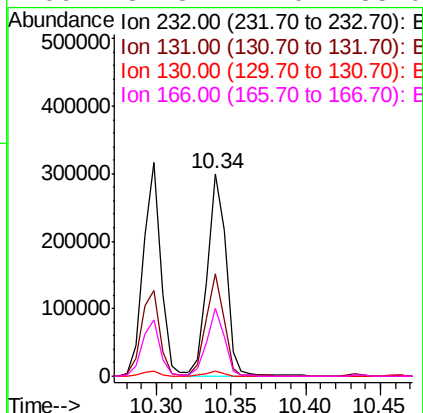
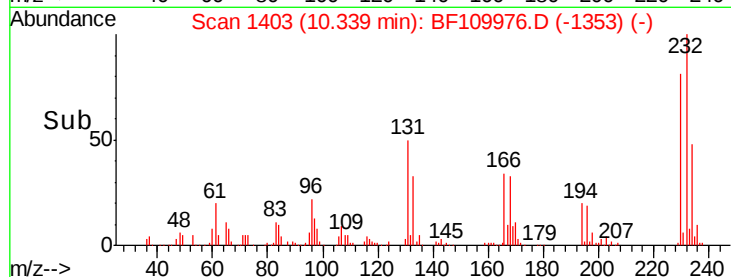
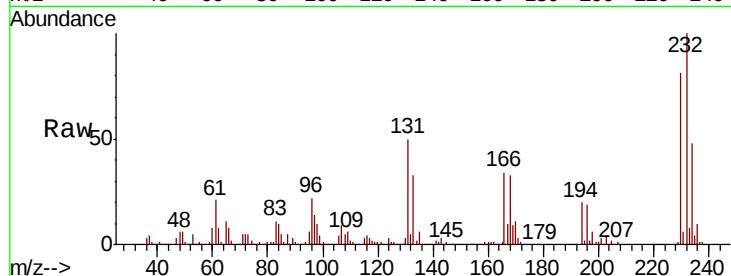




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.862 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

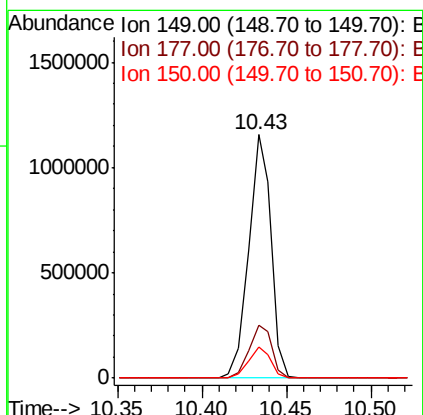
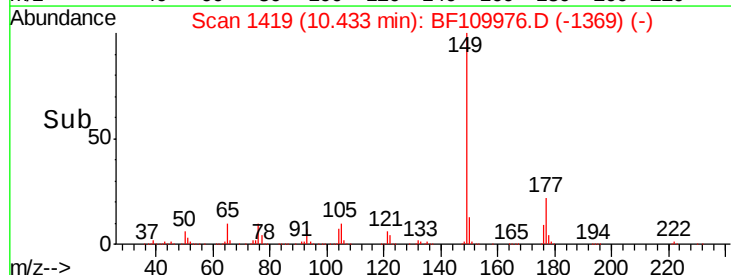
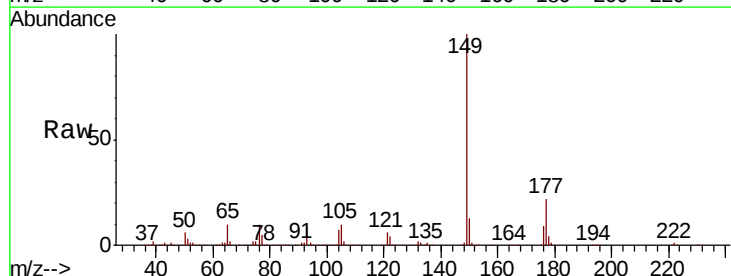
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

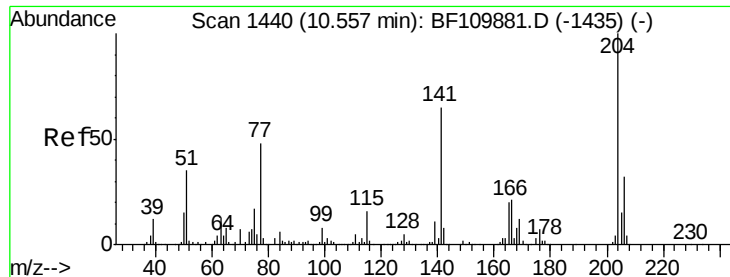
Tot Ion:232 Resp: 259048
Ion Ratio Lower Upper
232 100
131 48.5 37.0 55.4
130 2.5 1.8 2.6
166 32.3 22.0 33.0



#60
Diethylphthalate
Concen: 48.505 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Tgt Ion:149 Resp: 1069578
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.2
150 12.5 9.8 14.8

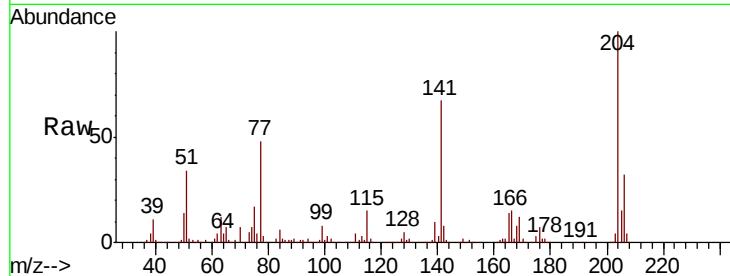




#61
4-Chlorophenyl-phenylether
Concen: 47.495 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	67.5	51.8	77.8

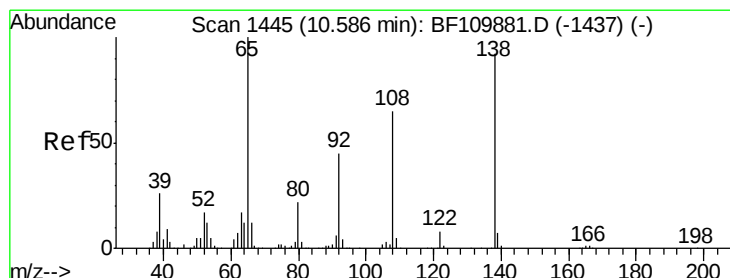
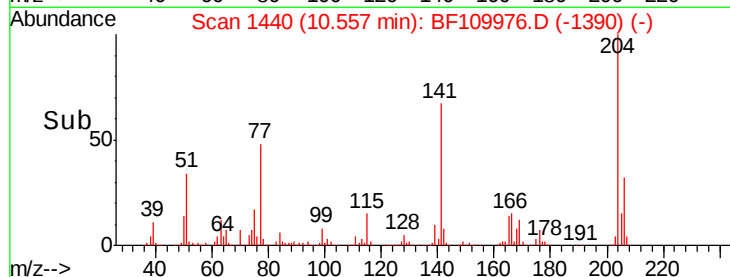
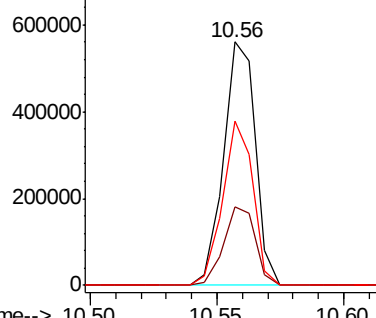


Abundance

Ion 204.00 (203.70 to 204.70): E

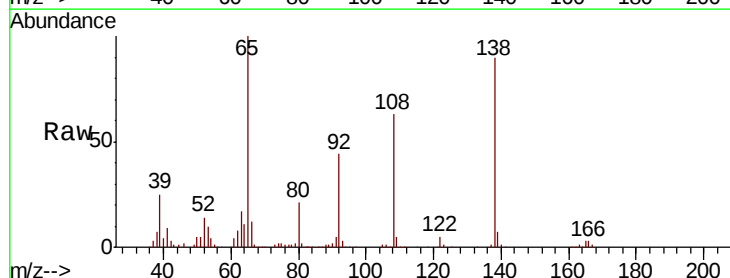
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 45.331 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	31.7	71.7
108	69.5	59.3	99.3

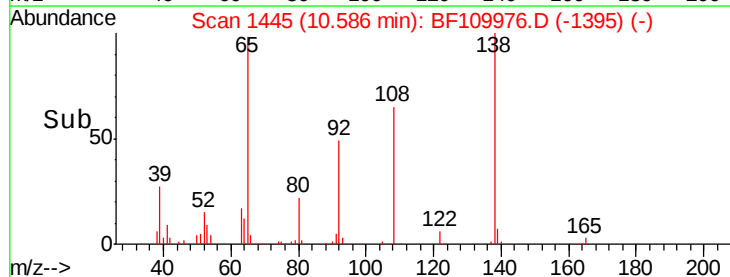
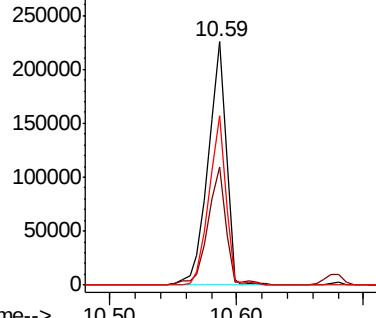


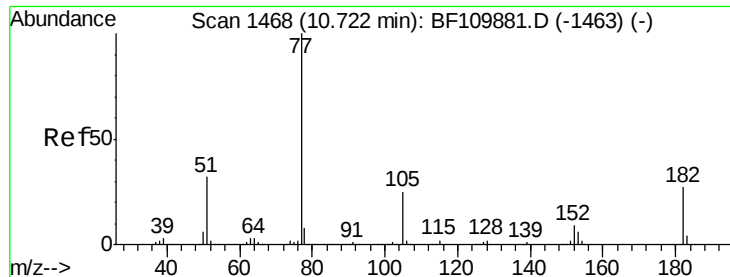
Abundance

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

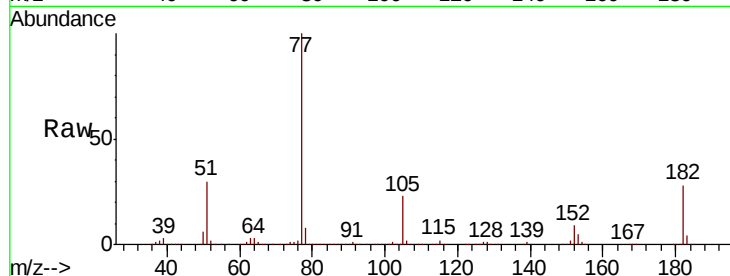




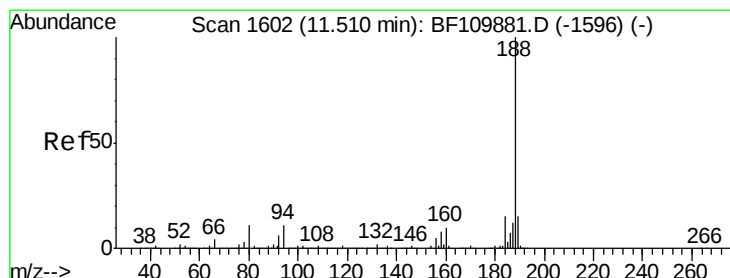
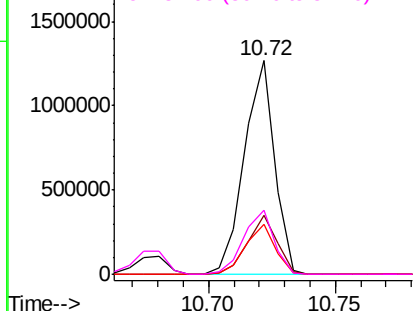
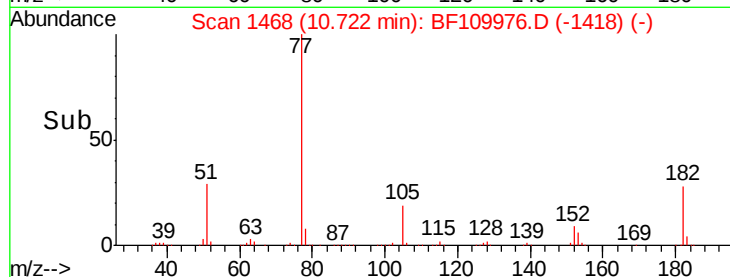
#63
Azobenzene
Concen: 45.656 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion: 77 Resp: 1051761
Ion Ratio Lower Upper
77 100
182 27.6 4.3 44.3
105 23.3 1.3 41.3
51 29.9 9.0 49.0

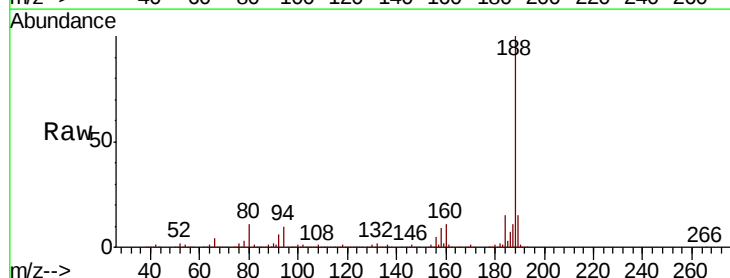


Abundance Ion 77.00 (76.70 to 77.70): BF1
2000000
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

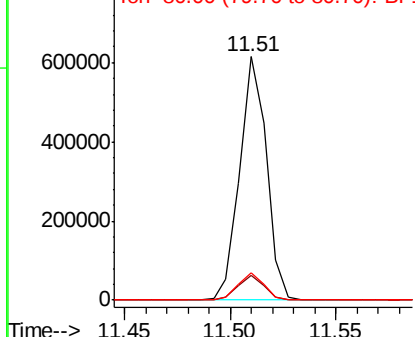
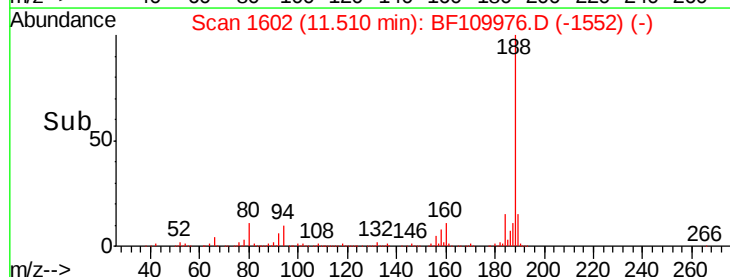


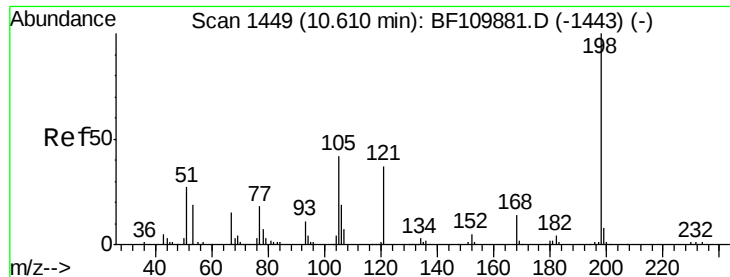
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Tgt Ion: 188 Resp: 539489
Ion Ratio Lower Upper
188 100
94 9.9 7.2 10.8
80 11.1 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E
800000
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: 62.527 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMS

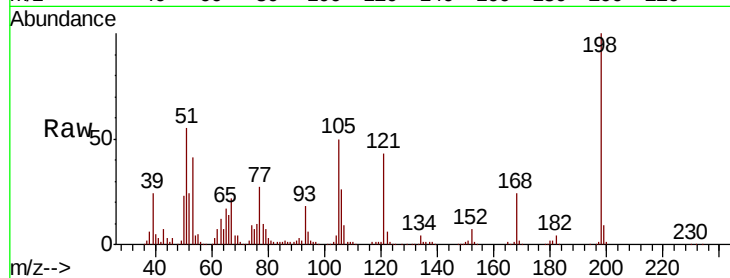
Tot Ion:198 Resp: 127803

Ion Ratio Lower Upper

198 100

51 54.5 22.8 62.8

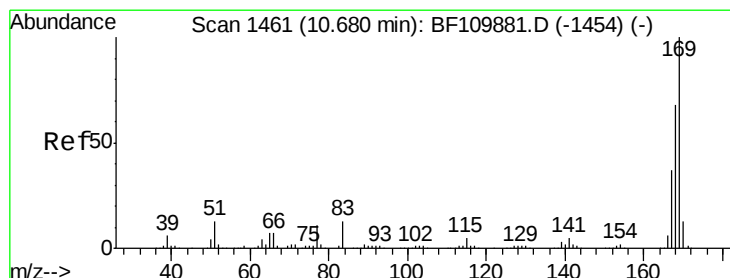
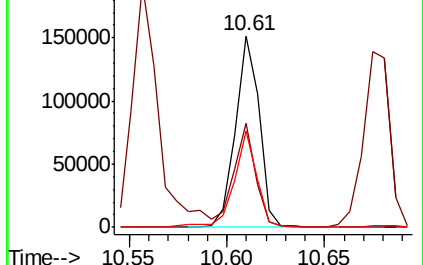
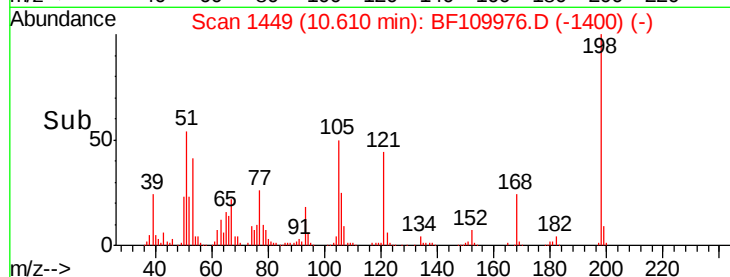
105 50.0 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.470 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

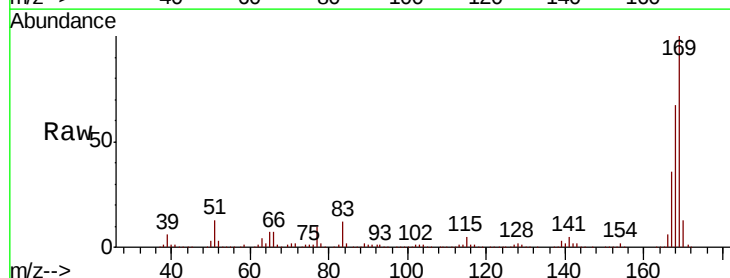
Tgt Ion:169 Resp: 888888

Ion Ratio Lower Upper

169 100

168 67.1 51.2 76.8

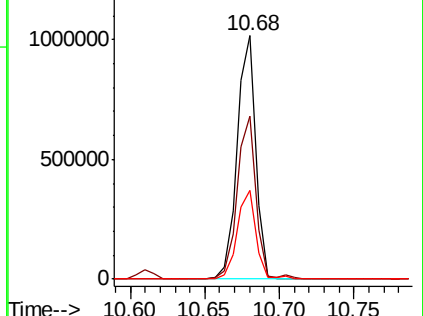
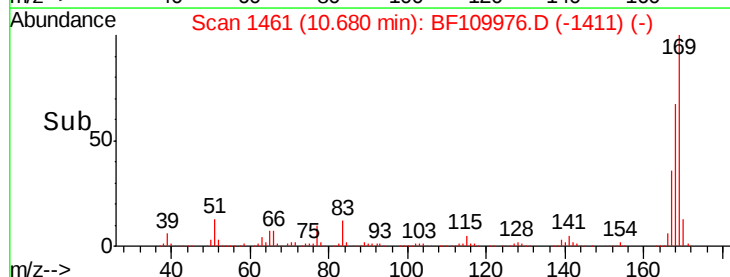
167 36.5 27.8 41.6

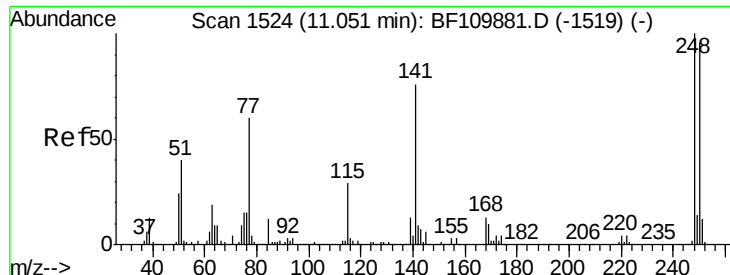


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

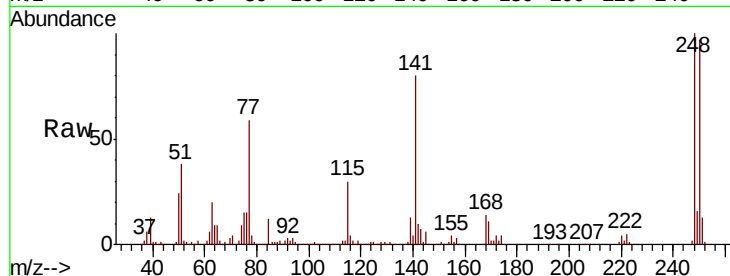




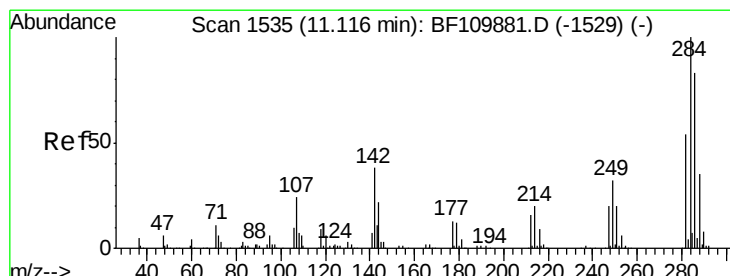
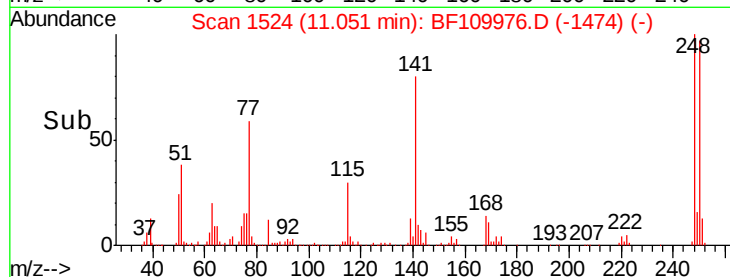
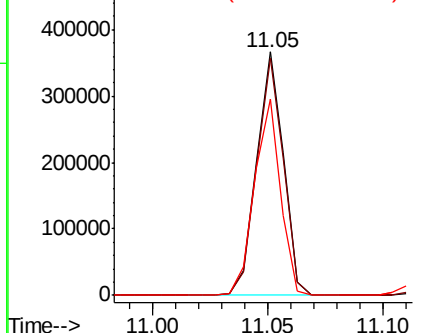
#67
 4-Bromophenyl-phenylether
 Concen: 50.704 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF109976.D
 Acq: 18 Oct 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

Tot Ion:248 Resp: 296447
 Ion Ratio Lower Upper
 248 100
 250 97.5 79.4 119.2
 141 80.4 55.9 83.9

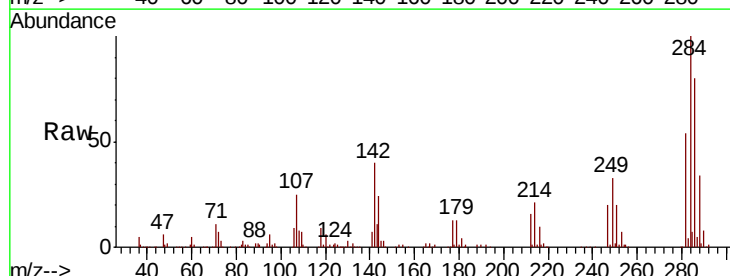


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

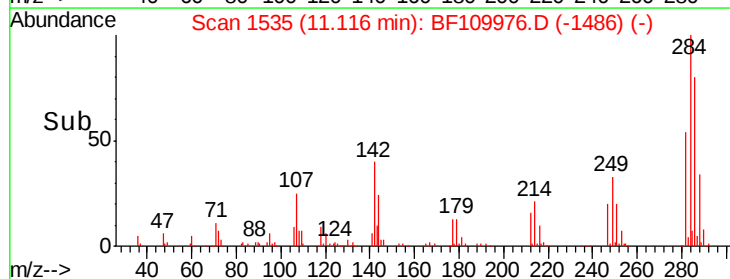
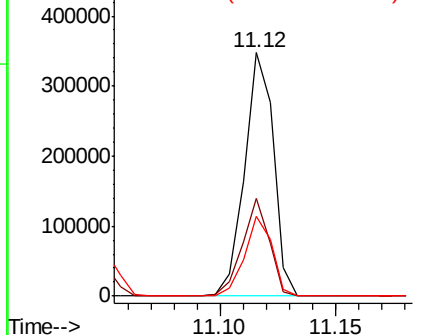


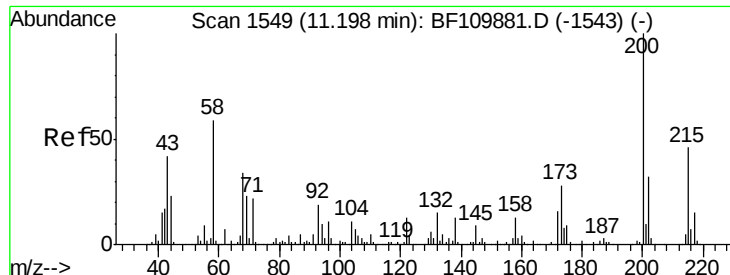
#68
 Hexachlorobenzene
 Concen: 48.880 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BF109976.D
 Acq: 18 Oct 2018 23:13

Tgt Ion:284 Resp: 304754
 Ion Ratio Lower Upper
 284 100
 142 40.2 23.9 35.9#
 249 32.7 24.2 36.2



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





#69

Atrazine

Concen: 47.729 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMS

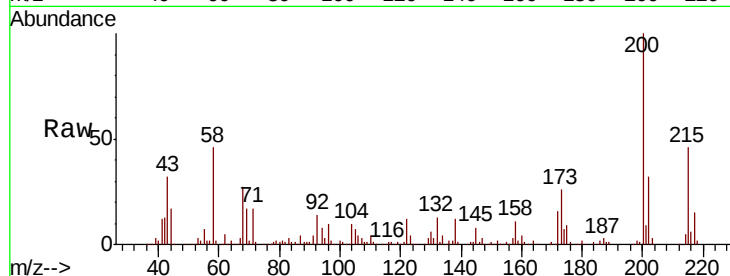
Tot Ion:200 Resp: 267886

Ion Ratio Lower Upper

200 100

173 26.5 6.6 46.6

215 46.2 26.3 66.3

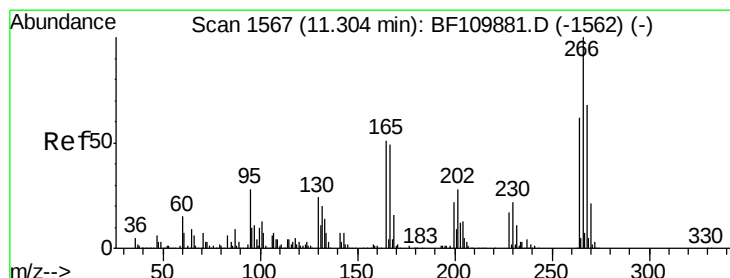
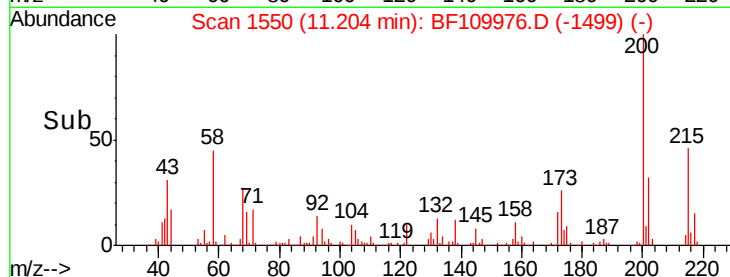
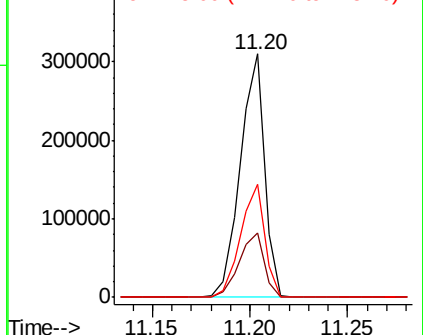


Abundance

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: 85.833 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

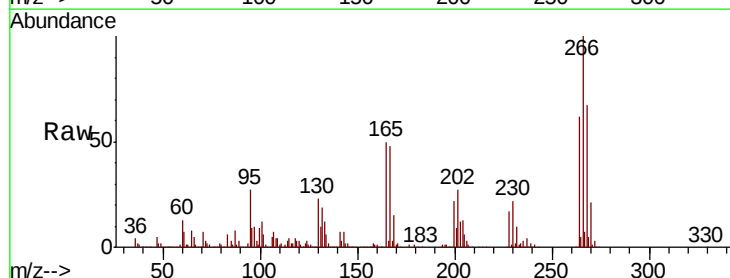
Tgt Ion:266 Resp: 304553

Ion Ratio Lower Upper

266 100

268 66.7 50.6 75.8

264 62.4 50.6 75.8

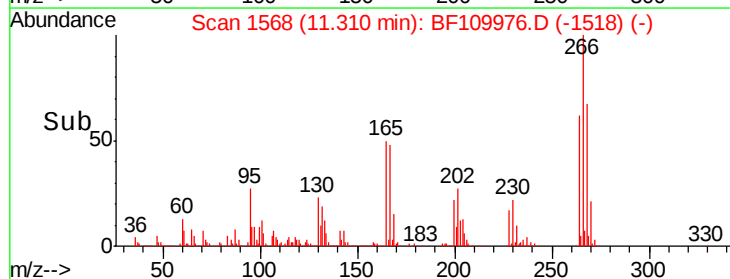
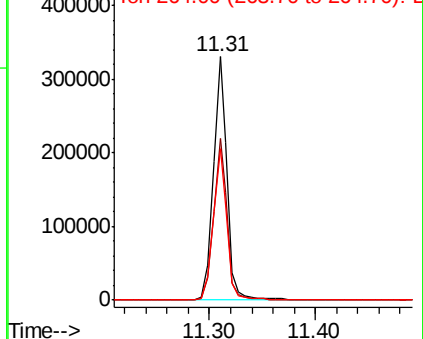


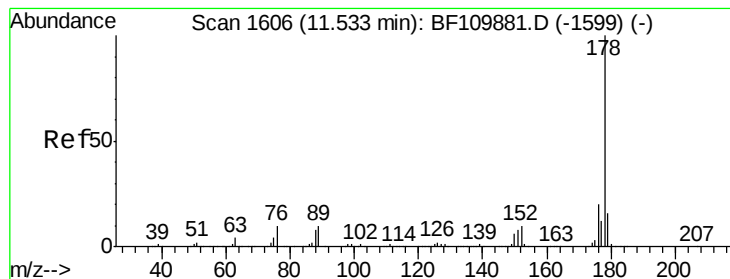
Abundance

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: 50.840 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMS

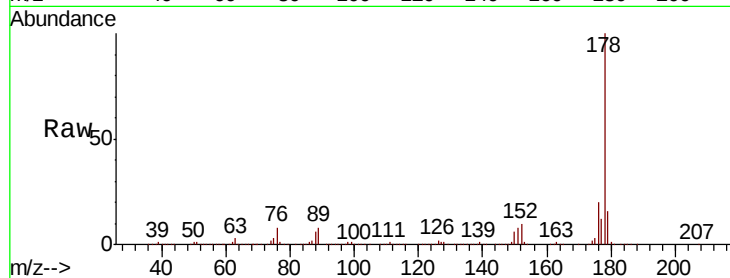
Tot Ion:178 Resp: 1419932

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

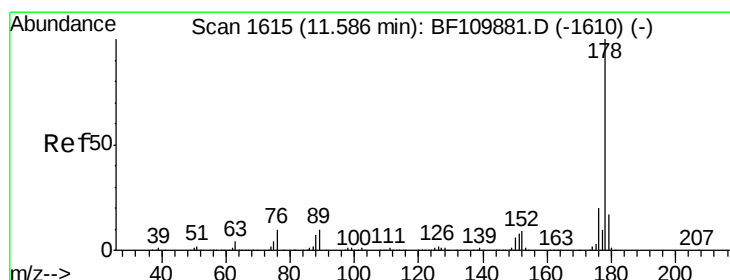
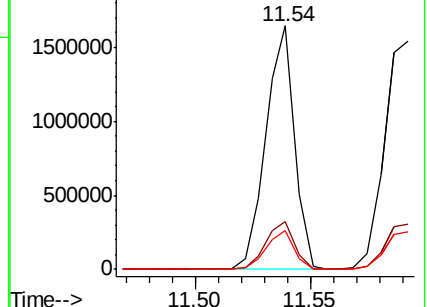
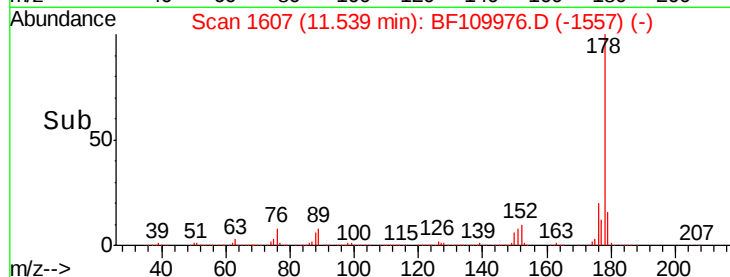
179 15.7 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 51.834 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

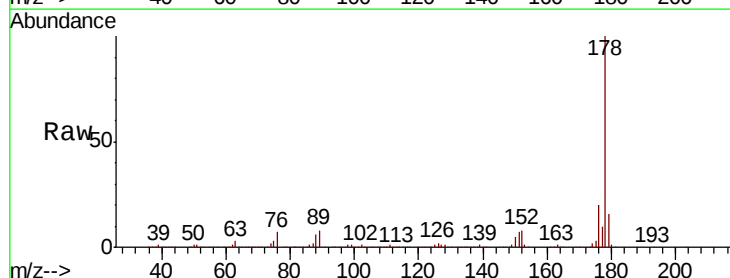
Tgt Ion:178 Resp: 1455465

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

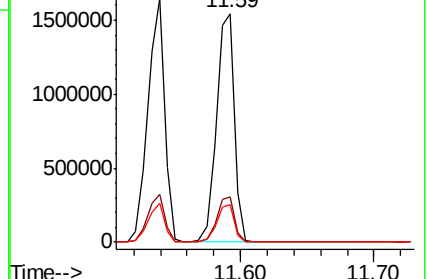
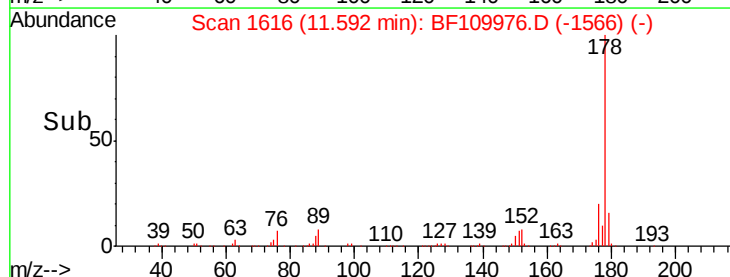
179 16.2 12.6 18.8

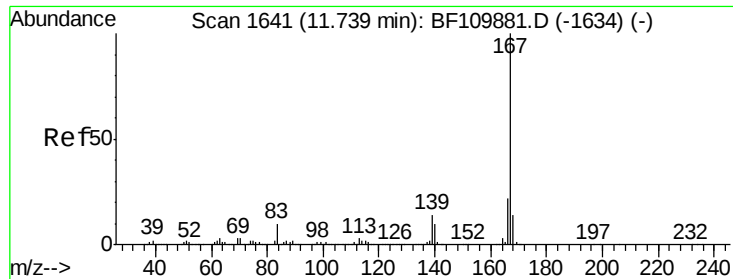


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

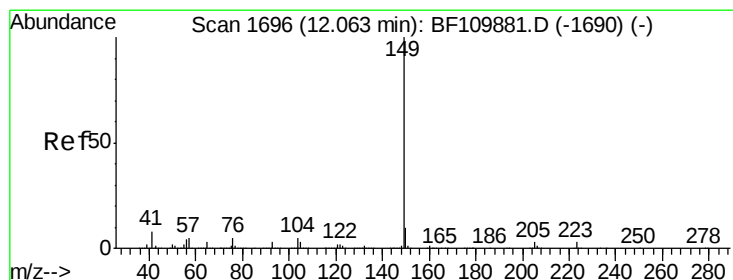
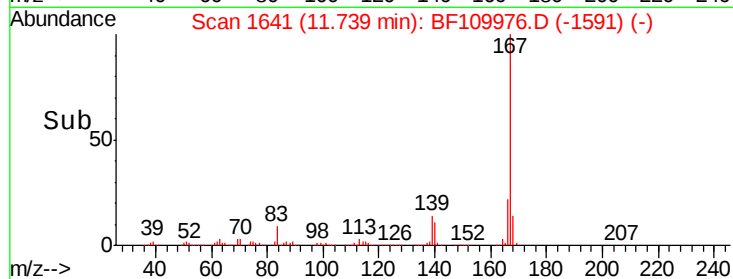
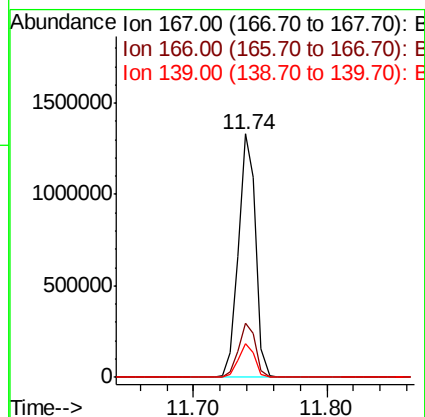
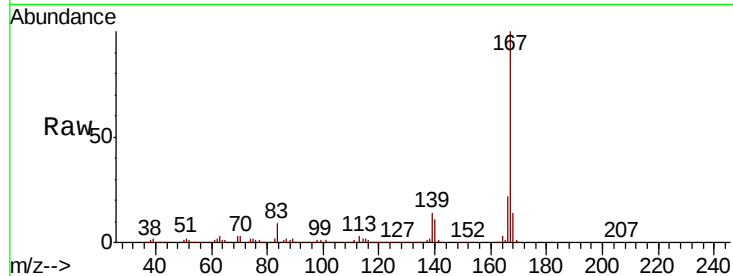




#73
 Carbazole
 Concen: 43.502 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF109976.D
 Acq: 18 Oct 2018 23:13

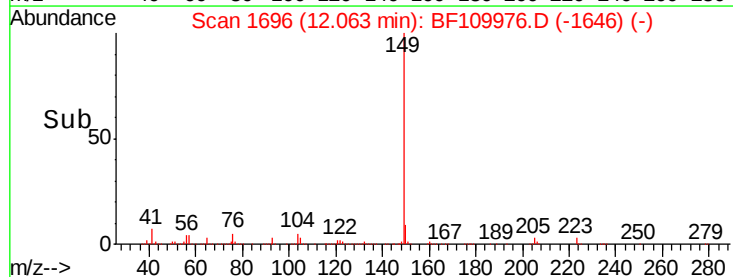
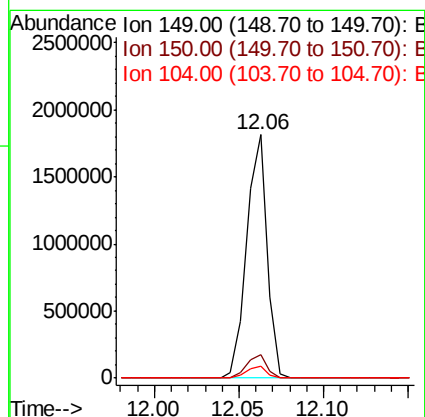
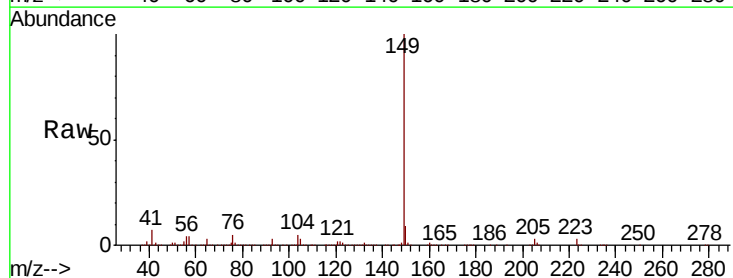
Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

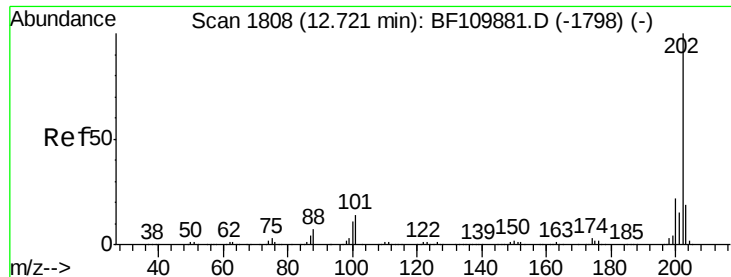
Tot Ion:167 Resp: 1200478
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 49.577 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BF109976.D
 Acq: 18 Oct 2018 23:13

Tgt Ion:149 Resp: 1526861
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.0 4.2 6.4





#75

Fluoranthene

Concen: 47.572 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMS

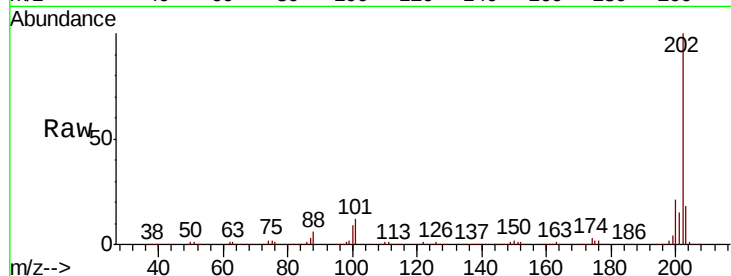
Tot Ion:202 Resp: 1327316

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.4

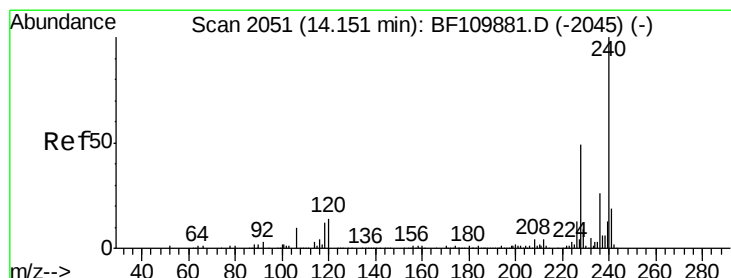
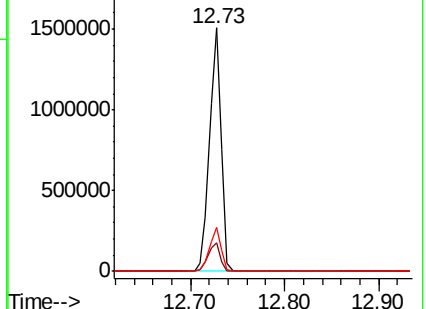
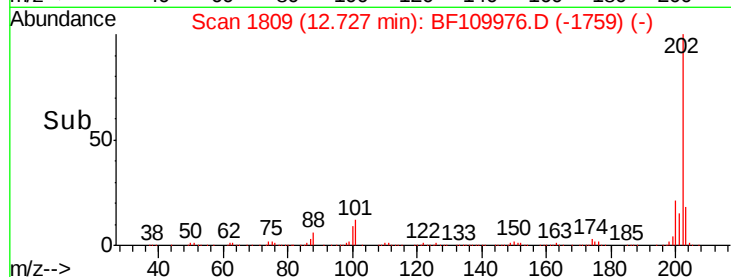
203 17.8 0.0 37.7



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: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

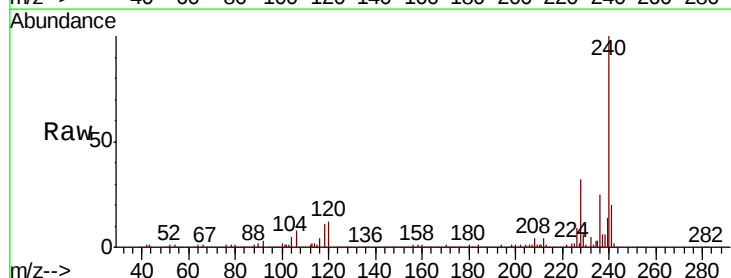
Tgt Ion:240 Resp: 346525

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

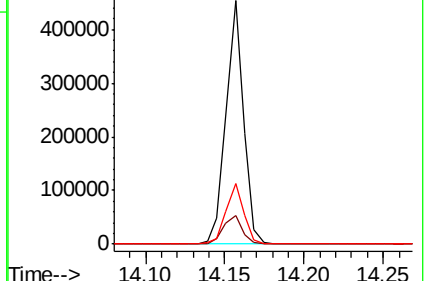
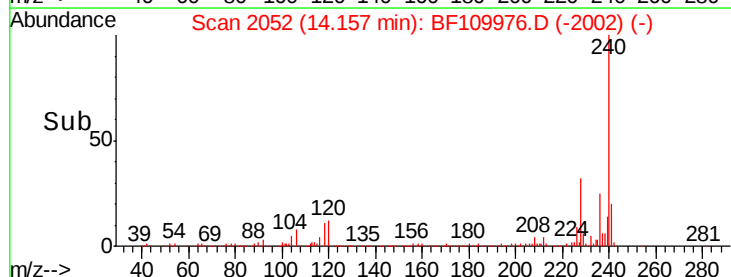
236 25.0 21.2 31.8

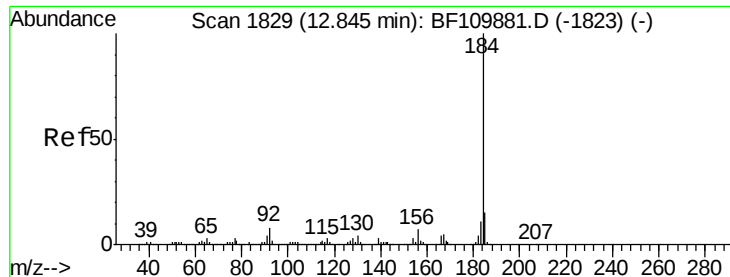


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.247 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMS

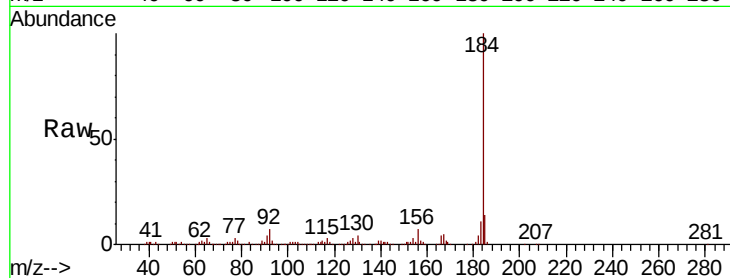
Tot Ion:184 Resp: 282299

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.2

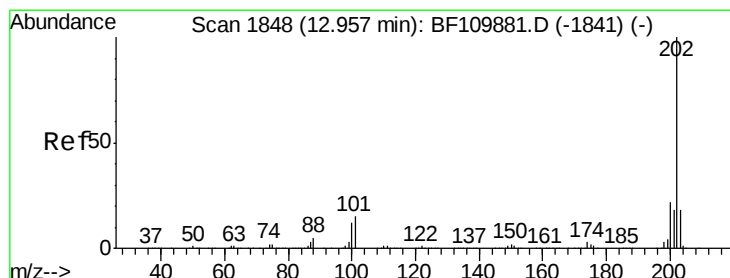
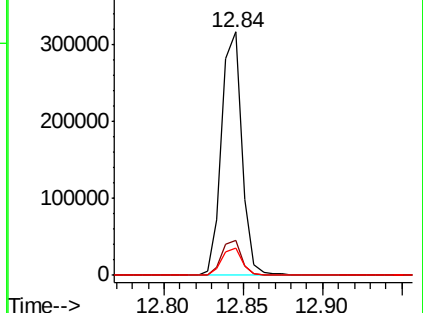
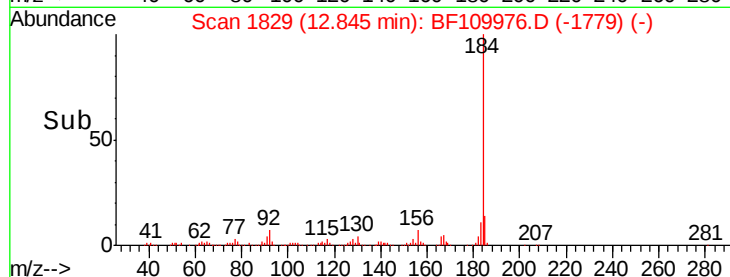
183 11.3 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.423 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

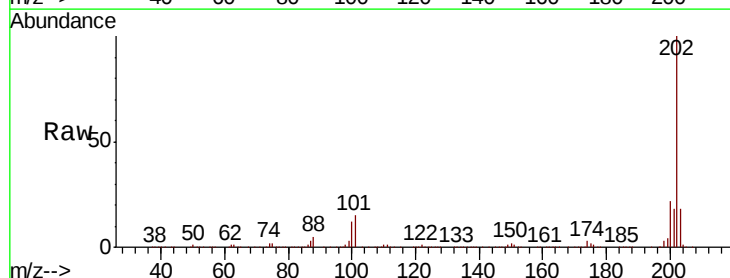
Tgt Ion:202 Resp: 1308781

Ion Ratio Lower Upper

202 100

200 22.0 17.8 26.6

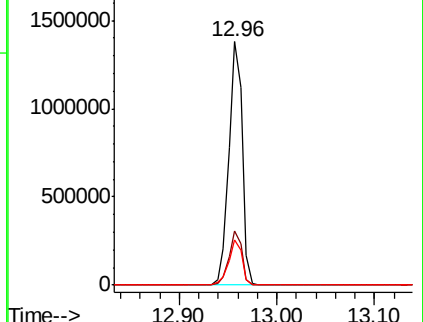
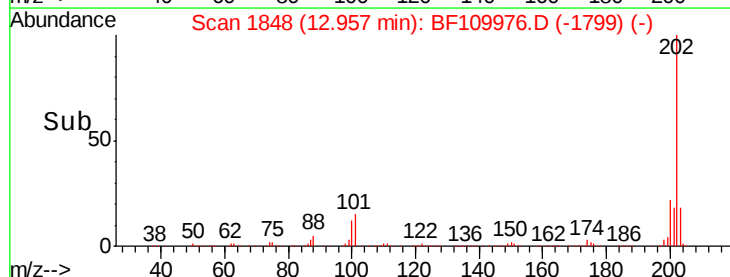
203 18.4 14.2 21.4

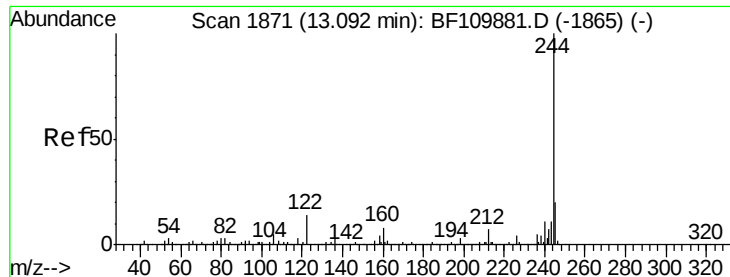


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.420 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

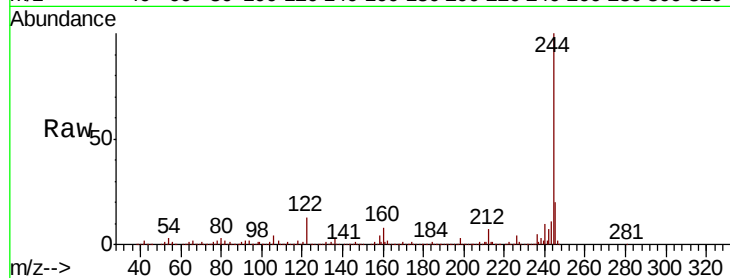
BNA_F

ClientSampleId :

RLF-GW-9SMS

Tot Ion:244 Resp: 1277561

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.9	8.7	13.1

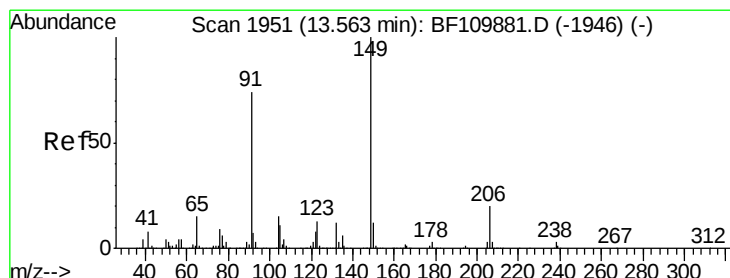
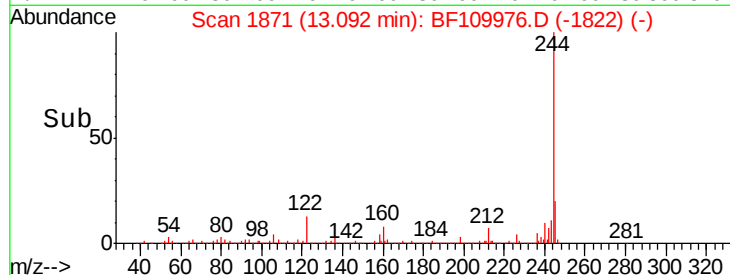
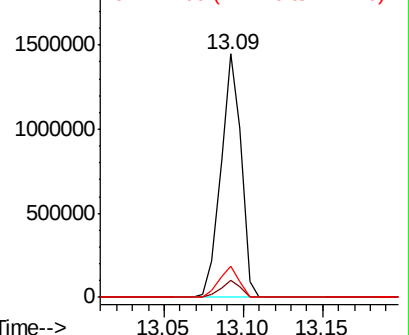


Abundance

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: 54.637 ng

RT: 13.56 min Scan# 1951

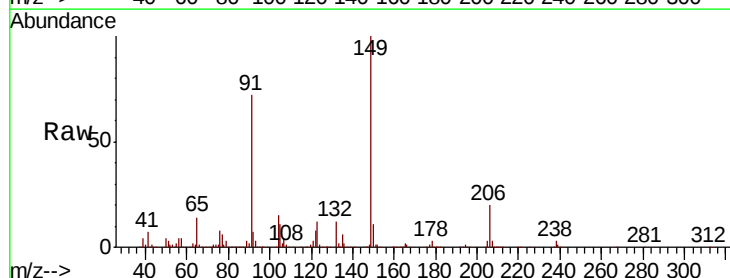
Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Tgt Ion:149 Resp: 562192

Ion	Ratio	Lower	Upper
149	100		
91	71.8	57.2	85.8
206	19.6	15.7	23.5

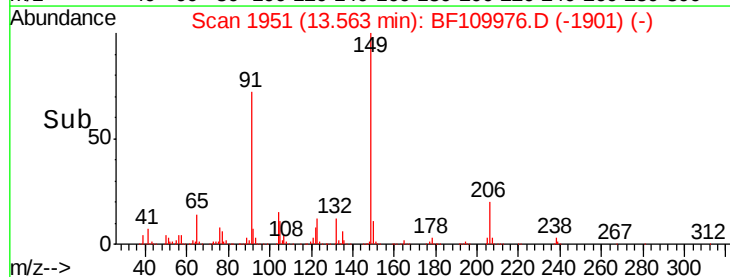
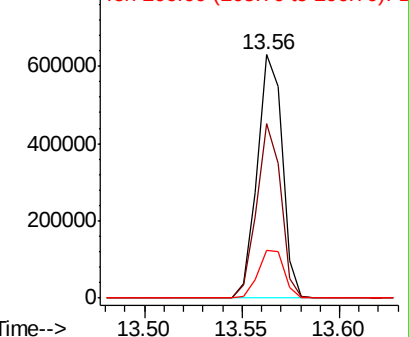


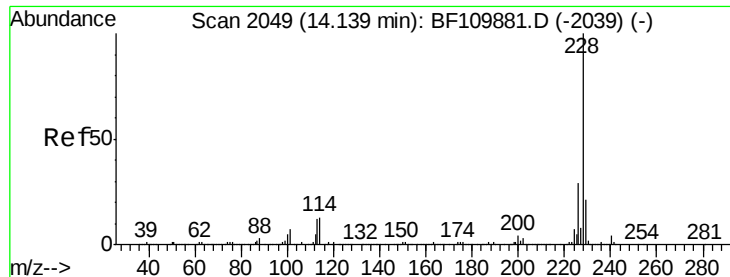
Abundance

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: 52.606 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMS

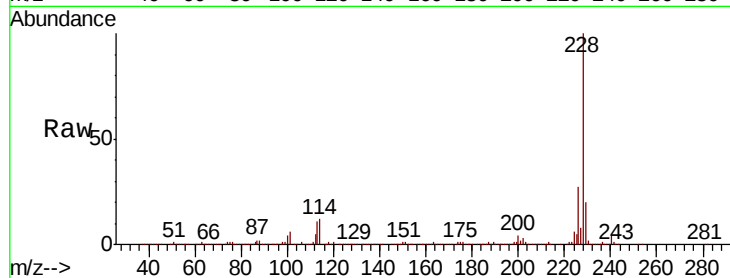
Tot Ion:228 Resp: 1073747

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 19.9 15.6 23.4

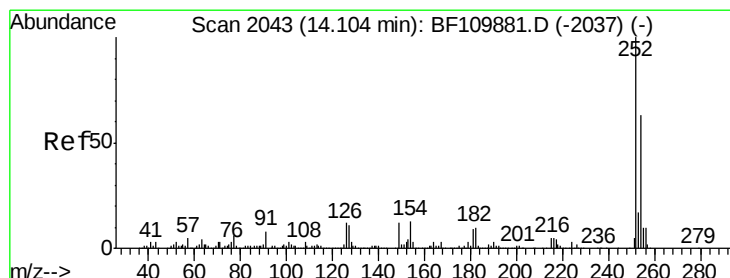
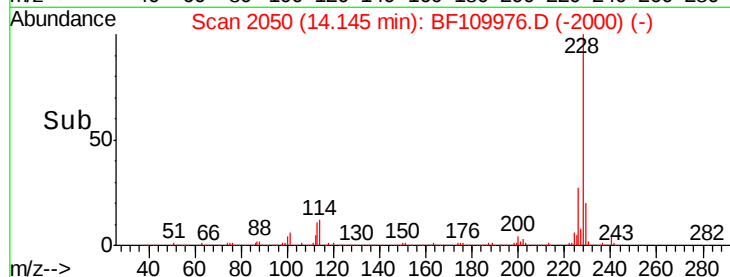
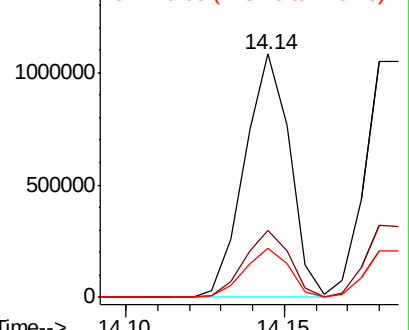


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.633 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

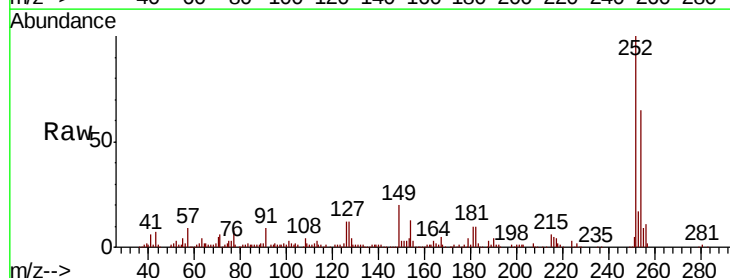
Tgt Ion:252 Resp: 147644

Ion Ratio Lower Upper

252 100

254 64.6 51.3 76.9

126 11.9 9.4 14.2

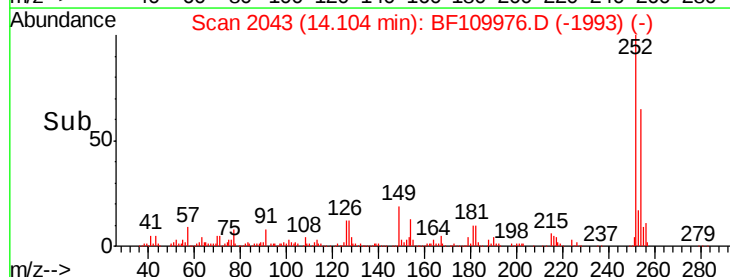
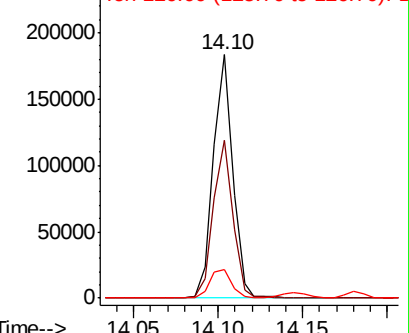


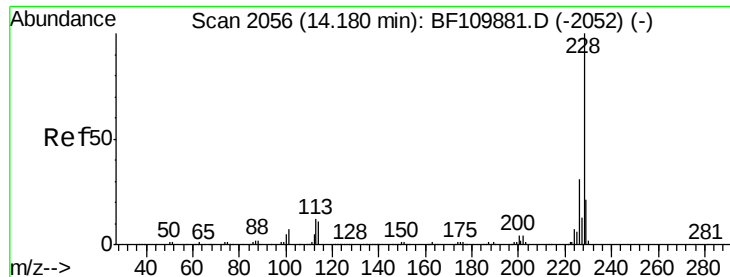
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 51.611 ng

RT: 14.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

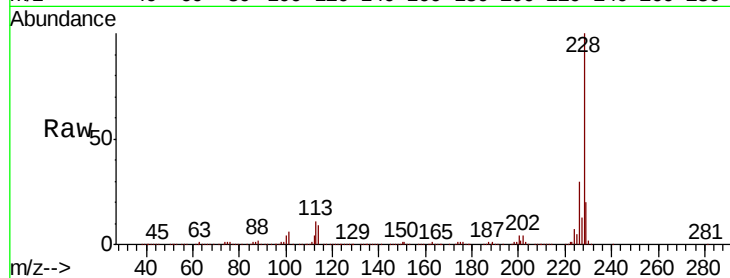
BNA_F

ClientSampleId :

RLF-GW-9SMS

Tot Ion:228 Resp: 1002717

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.7	37.1
229	19.6	15.9	23.9

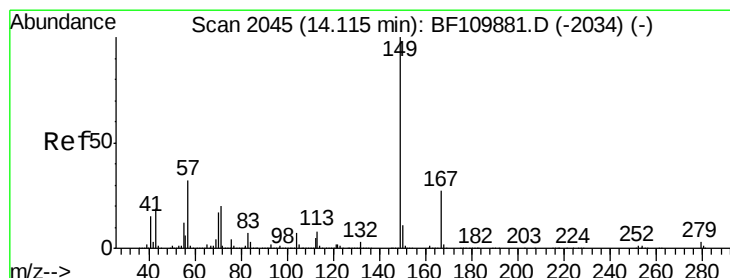
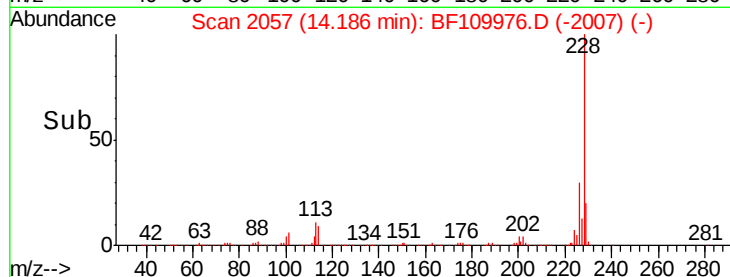


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.547 ng

RT: 14.12 min Scan# 2045

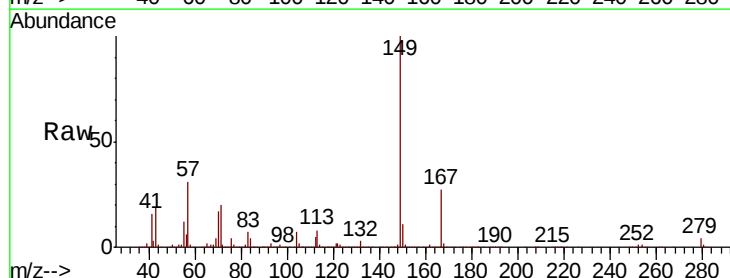
Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Tgt Ion:149 Resp: 779152

Ion	Ratio	Lower	Upper
149	100		
167	26.5	19.8	29.8
279	3.6	2.7	4.1

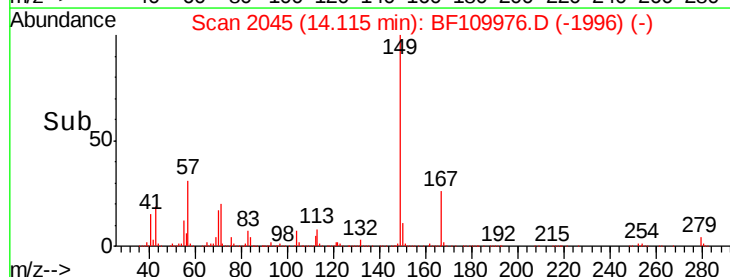


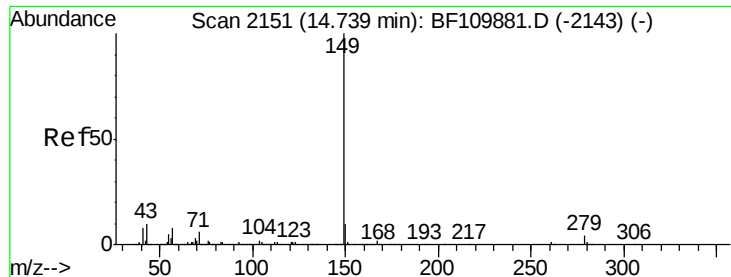
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 66.235 ng

RT: 14.74 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMS

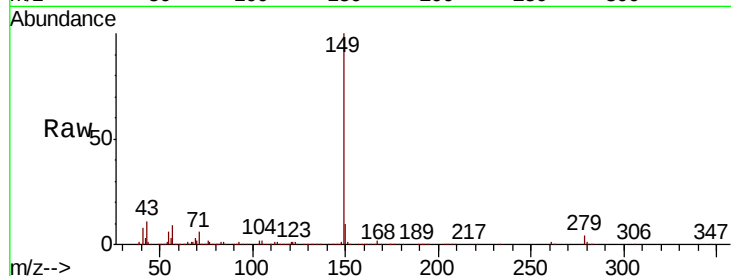
Tot Ion:149 Resp: 1264328

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

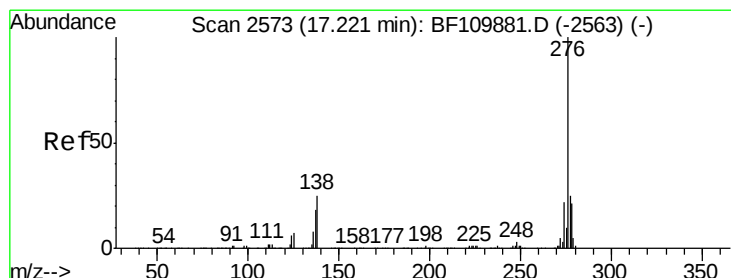
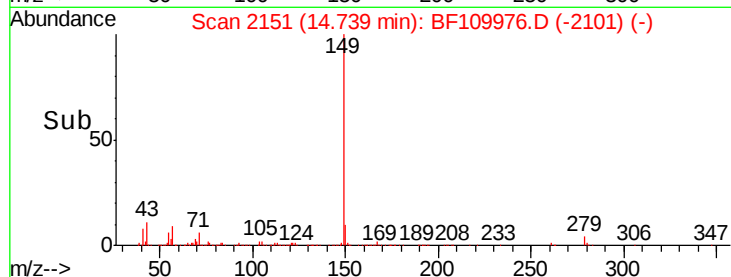
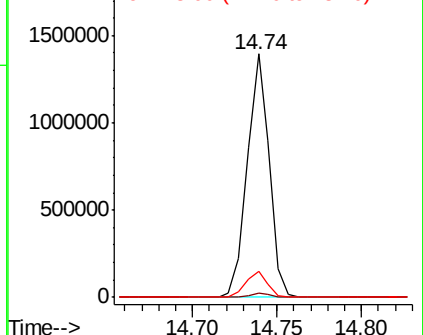
43 10.5 7.8 11.8



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: 89.483 ng

RT: 17.26 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

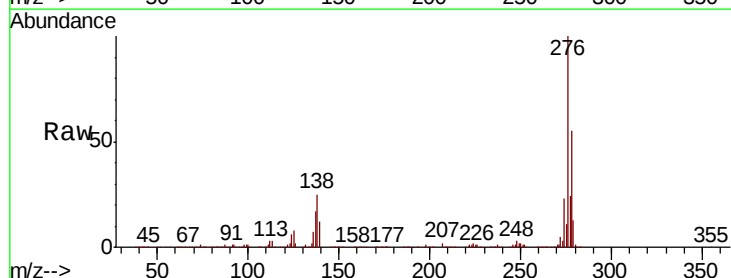
Tgt Ion:276 Resp: 1399767

Ion Ratio Lower Upper

276 100

138 28.0 18.5 27.7#

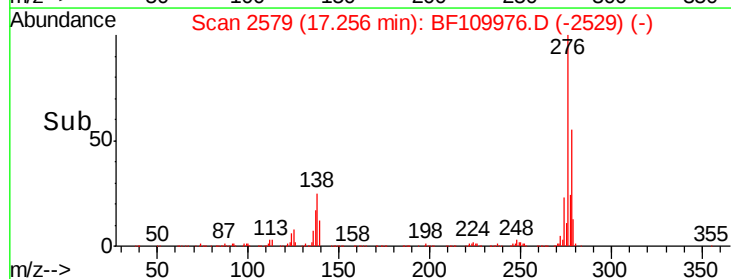
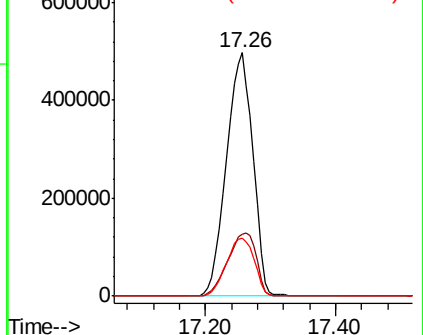
277 25.4 20.0 30.0

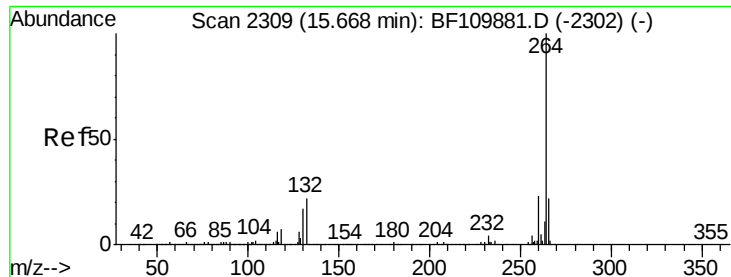


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMS

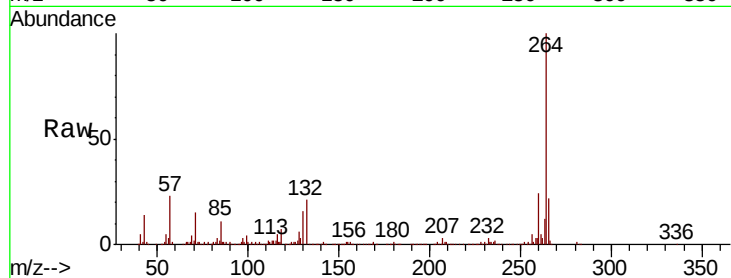
Tot Ion:264 Resp: 383984

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.2 16.7 25.1

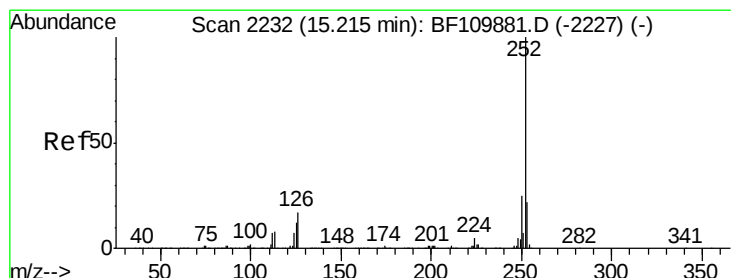
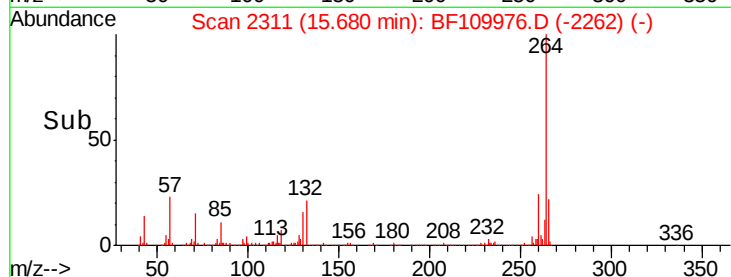
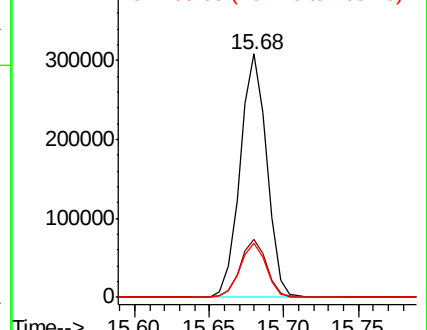


Abundance

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: 52.695 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF109976.D

Acq: 18 Oct 2018 23:13

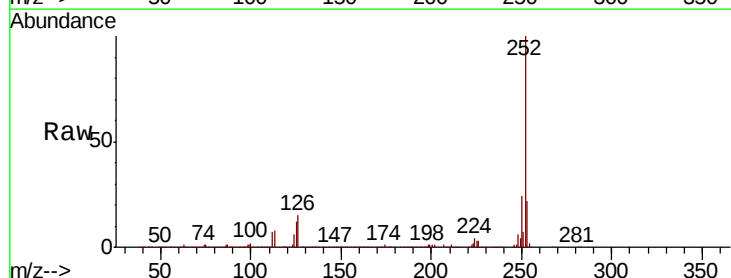
Tgt Ion:252 Resp: 1166536

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 12.1 8.2 12.4

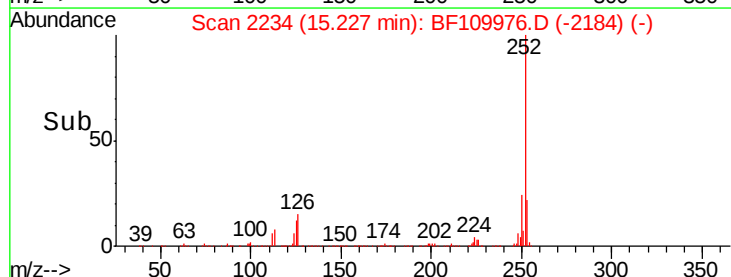
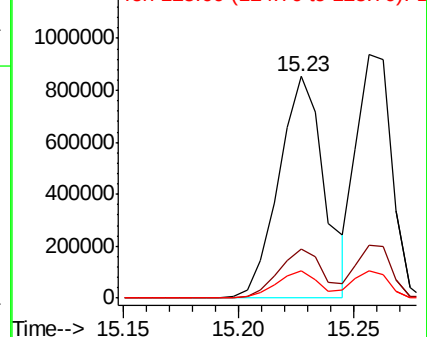


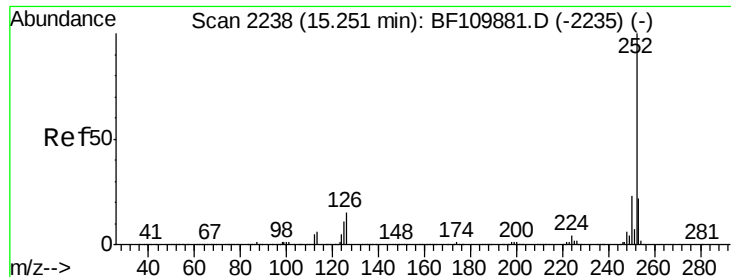
Abundance

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

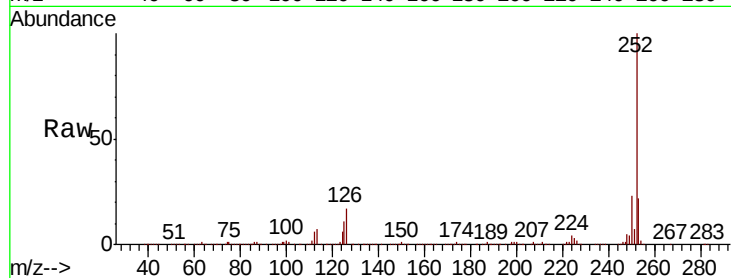




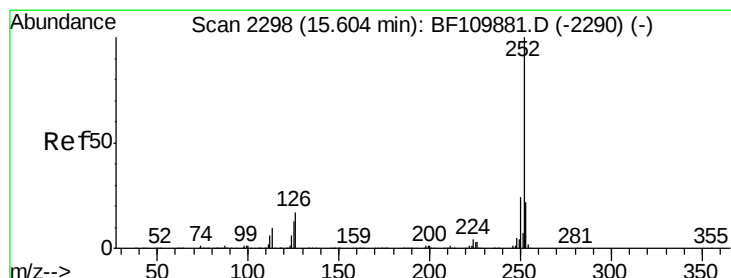
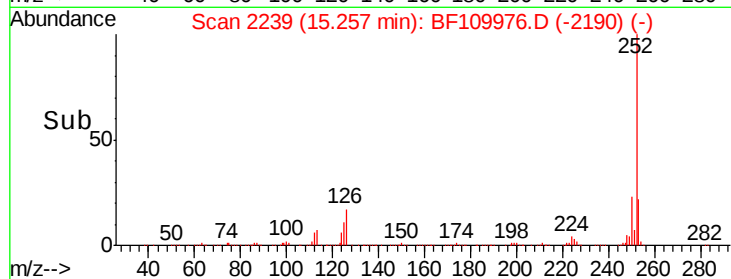
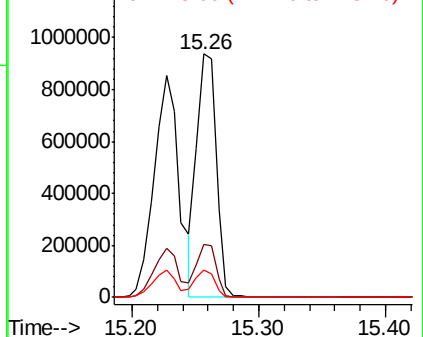
#89
Benzo(k)fluoranthene
Concen: 45.762 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion:252 Resp: 998521
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 11.4 7.4 11.0#

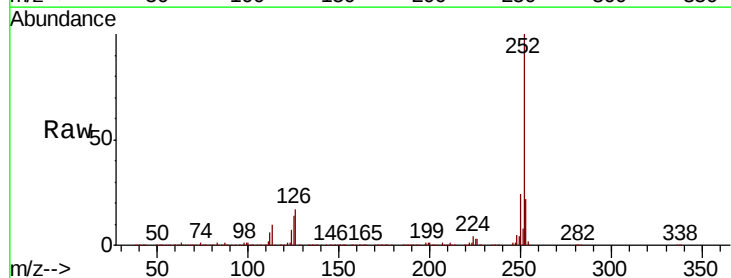


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

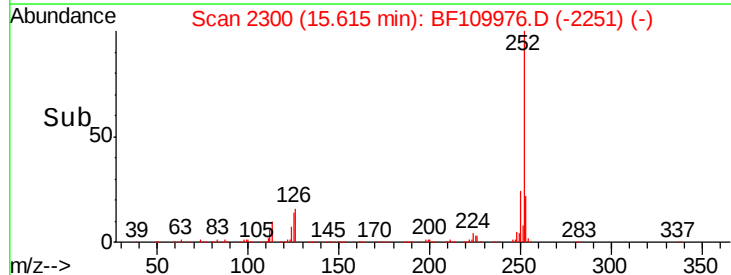
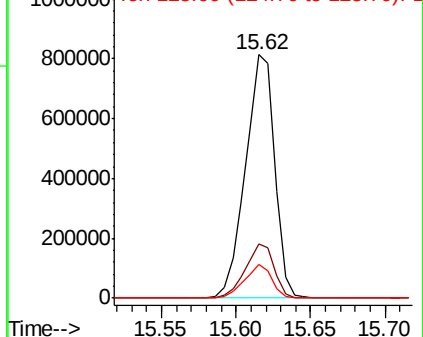


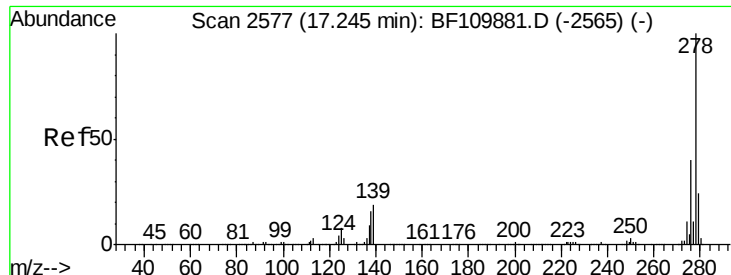
#90
Benzo(a)pyrene
Concen: 53.769 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Tgt Ion:252 Resp: 1094755
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 13.8 9.0 13.6#



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

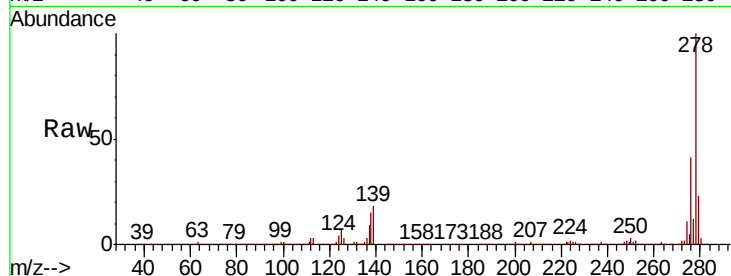




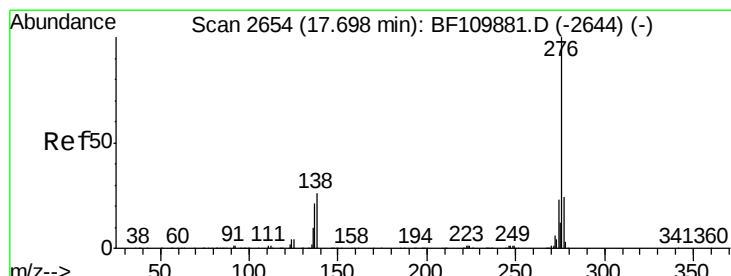
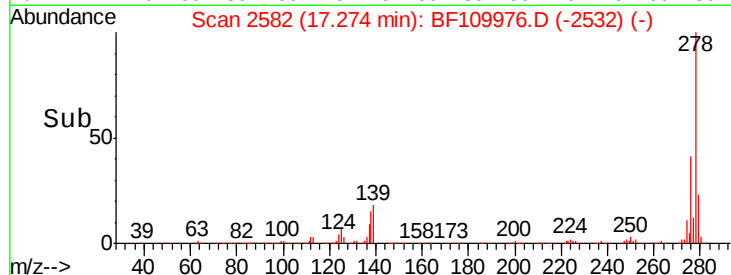
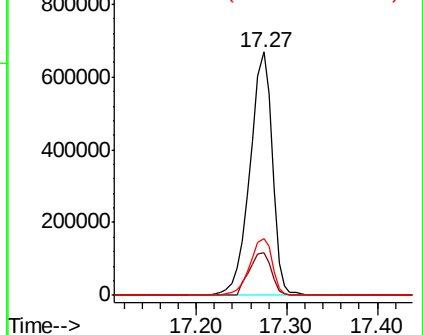
#91
Dibenzo(a,h)anthracene
Concen: 63.569 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion:278 Resp: 1147025
Ion Ratio Lower Upper
278 100
139 17.7 12.7 19.1
279 23.1 19.0 28.4

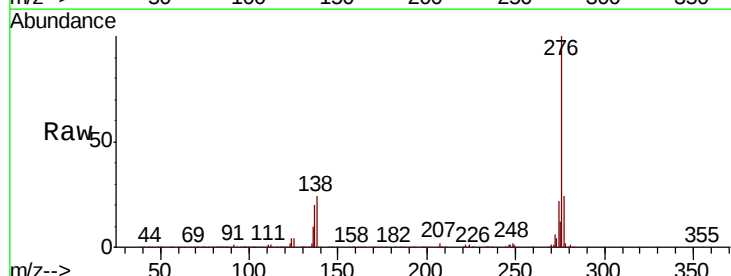


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 65.445 ng
RT: 17.73 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BF109976.D
Acq: 18 Oct 2018 23:13

Tgt Ion:276 Resp: 1193117
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 24.0 16.0 24.0#



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

