

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109977.D
 Acq On : 18 Oct 2018 23:41
 Operator : JU/SJ
 Sample : J5569-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

Quant Time: Oct 19 02:27:07 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	238727	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	936039	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	436038	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	805453	20.00	ng	0.00
76) Chrysene-d12	14.16	240	453857	20.00	ng	0.00
87) Perylene-d12	15.68	264	434284	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	739244	49.09	ng	0.00
7) Phenol-d6	6.59	99	597080	31.93	ng	-0.01
23) Nitrobenzene-d5	7.55	82	1251558	90.07	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	473794	125.50	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	2122984	77.69	ng	0.00
79) Terphenyl-d14	13.10	244	1776737	82.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	111619	13.049	ng	92
3) Pyridine	3.66	79	263179	13.800	ng	87
4) n-Nitrosodimethylamine	3.62	42	141297	18.163	ng	# 99
6) Aniline	6.64	93	358527	14.226	ng	# 52
8) 2-Chlorophenol	6.76	128	588311	34.874	ng	99
9) Benzaldehyde	6.53	77	477949	39.328	ng	93
10) Phenol	6.60	94	259230	12.839	ng	# 64
11) bis(2-Chloroethyl)ether	6.71	93	671872	39.798	ng	94
12) 1,3-Dichlorobenzene	6.92	146	676114	36.550	ng	99
13) 1,4-Dichlorobenzene	6.99	146	692162	37.153	ng	98
14) 1,2-Dichlorobenzene	7.15	146	648726	37.815	ng	98
15) Benzyl Alcohol	7.11	79	396629	27.568	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1107385	39.964	ng	68
17) 2-Methylphenol	7.22	107	408004	29.993	ng	# 81
18) Hexachloroethane	7.49	117	249447	37.889	ng	96
19) n-Nitroso-di-n-propylamine	7.39	70	491867	40.963	ng	97
20) 3+4-Methylphenols	7.37	107	436842	25.306	ng	# 90
22) Acetophenone	7.39	105	954781	43.984	ng	99
24) Nitrobenzene	7.56	77	731601	48.467	ng	92
25) Isophorone	7.80	82	1394210	51.065	ng	96
26) 2-Nitrophenol	7.87	139	382401	61.099	ng	94
27) 2,4-Dimethylphenol	7.90	122	604025	45.930	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	870229	46.443	ng	99
29) 2,4-Dichlorophenol	8.12	162	567047	44.448	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	599539	41.972	ng	95
31) Naphthalene	8.29	128	1942104	45.246	ng	99
32) Benzoic acid	7.99	122	125624	15.331	ng	89
33) 4-Chloroaniline	8.32	127	148872	7.716	ng	97
34) Hexachlorobutadiene	8.39	225	312188	39.634	ng	99
35) Caprolactam	8.75	113	7423	1.638	ng	95
36) 4-Chloro-3-methylphenol	8.80	107	565766	42.038	ng	96
37) 2-Methylnaphthalene	8.97	142	1365897	49.143	ng	99
38) 1-Methylnaphthalene	9.07	142	1296486	48.138	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	570177	42.454	ng	98

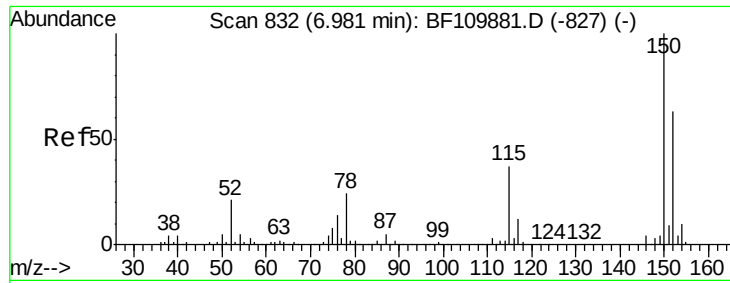
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	677896	104.576	nq	99
43) 2,4,6-Trichlorophenol	9.25	196	408806	48.679	nq	95
44) 2,4,5-Trichlorophenol	9.29	196	427470	49.044	nq	95
46) 1,1'-Biphenyl	9.44	154	1648428	42.431	nq	98
47) 2-Chloronaphthalene	9.47	162	1261783	44.093	nq	98
48) 2-Nitroaniline	9.56	65	407379	55.473	nq	94
49) Acenaphthylene	9.89	152	1987433	47.807	nq	97
50) Dimethylphthalate	9.74	163	1491868	48.319	nq	99
51) 2,6-Dinitrotoluene	9.80	165	341282	58.197	nq	96
52) Acenaphthene	10.06	154	1275206	48.182	nq	96
53) 3-Nitroaniline	9.97	138	108896	15.265	nq	92
54) 2,4-Dinitrophenol	10.08	184	289250	146.499	nq	91
55) Dibenzofuran	10.23	168	1723808	45.670	nq	99
56) 4-Nitrophenol	10.13	139	272052	49.981	nq	87
57) 2,4-Dinitrotoluene	10.21	165	449528	59.472	nq	89
58) Fluorene	10.57	166	1336238	48.632	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.35	232	369713	53.522	nq	96
60) Diethylphthalate	10.44	149	1452095	47.618	nq	99
61) 4-Chlorophenyl-phenylether	10.56	204	634735	44.347	nq	98
62) 4-Nitroaniline	10.60	138	329488	48.794	nq	88
63) Azobenzene	10.72	77	1418804	44.536	nq	96
65) 4,6-Dinitro-2-methylphenol	10.62	198	194212	63.501	nq	88
66) n-Nitrosodiphenylamine	10.68	169	1212400	45.194	nq	97
67) 4-Bromophenyl-phenylether	11.05	248	397198	45.503	nq	# 90
68) Hexachlorobenzene	11.12	284	414994	44.583	nq	95
69) Atrazine	11.21	200	375682	44.833	nq	98
70) Pentachlorophenol	11.32	266	442585	83.547	nq	97
71) Phenanthrene	11.54	178	1961413	47.038	nq	98
72) Anthracene	11.59	178	1998558	47.673	nq	99
73) Carbazole	11.75	167	1727923	41.939	nq	99
74) Di-n-butylphthalate	12.06	149	2109315	45.874	nq	99
75) Fluoranthene	12.73	202	1866583	44.809	nq	99
77) Benzidine	12.85	184	288414	16.574	nq	96
78) Pyrene	12.96	202	1821986	54.658	nq	99
80) Butylbenzylphthalate	13.57	149	744748	55.262	nq	96
81) Benzo(a)anthracene	14.14	228	1348438	50.440	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	179445	19.147	nq	99
83) Chrysene	14.19	228	1236755	48.603	nq	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	981815	55.366	nq	96
85) Di-n-octyl phthalate	14.74	149	1470191	58.806	nq	98
86) Indeno(1,2,3-cd)pyrene	17.25	276	1472419	71.867	nq	# 95
88) Benzo(b)fluoranthene	15.23	252	1248777	49.876	nq	98
89) Benzo(k)fluoranthene	15.26	252	1101287	44.626	nq	99
90) Benzo(a)pyrene	15.62	252	1161917	50.458	nq	98
91) Dibenzo(a,h)anthracene	17.27	278	1208954	59.241	nq	98
92) Benzo(g,h,i)perylene	17.74	276	1269670	61.578	nq	97

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

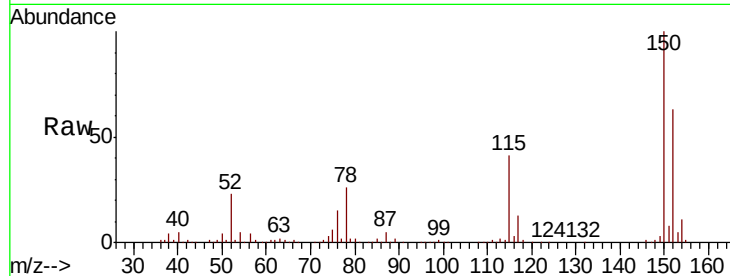


#1

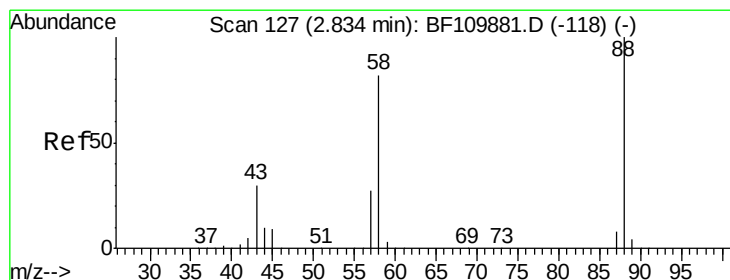
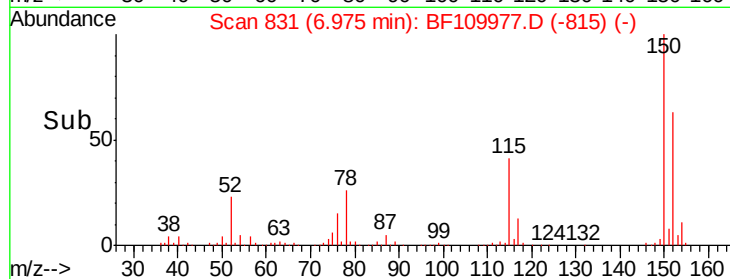
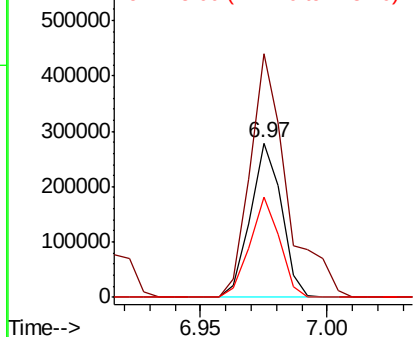
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion:152 Resp: 238727
Ion Ratio Lower Upper
152 100
150 157.7 122.7 184.1
115 64.8 49.1 73.7



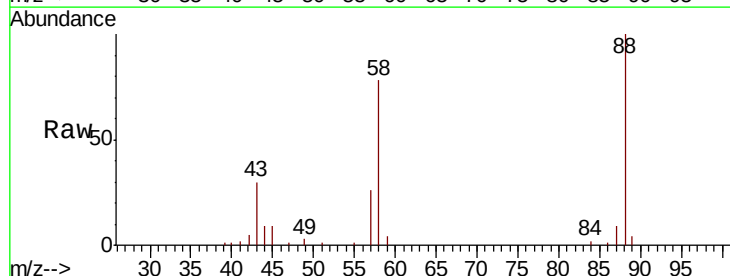
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



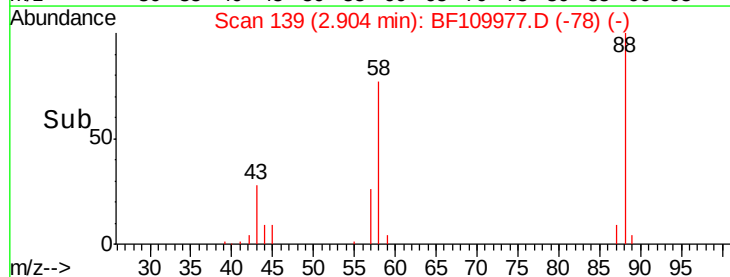
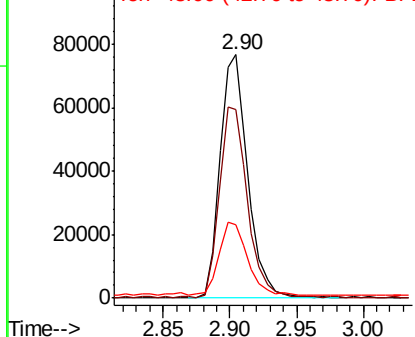
#2

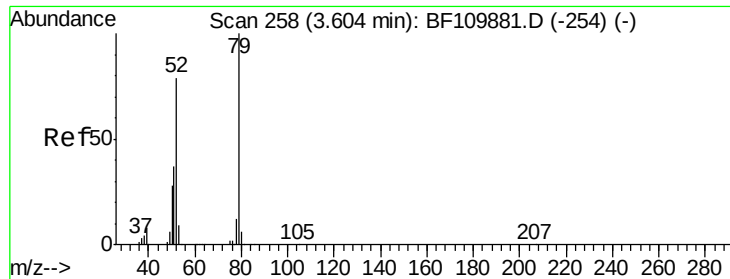
1,4-Dioxane
Concen: 13.049 ng
RT: 2.90 min Scan# 139
Delta R.T. 0.06 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt Ion: 88 Resp: 111619
Ion Ratio Lower Upper
88 100
58 80.5 57.1 85.7
43 30.9 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: 13.800 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.05 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

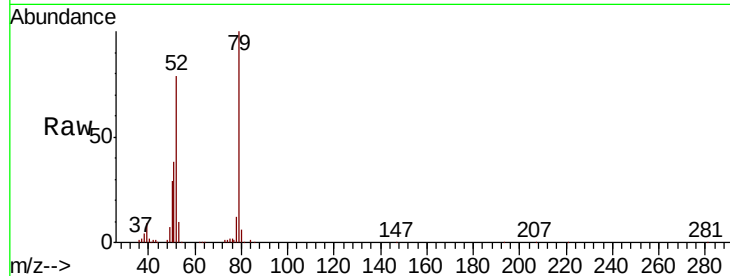
Tot Ion: 79 Resp: 263179

Ion Ratio Lower Upper

79 100

52 79.2 53.1 79.7

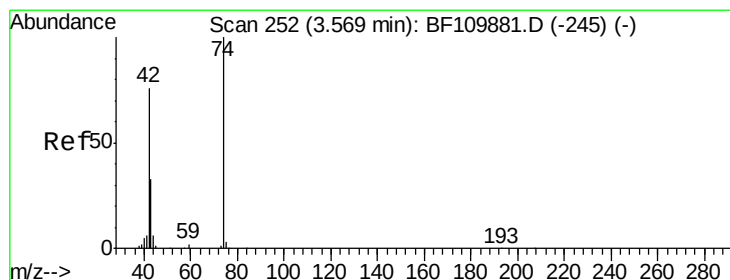
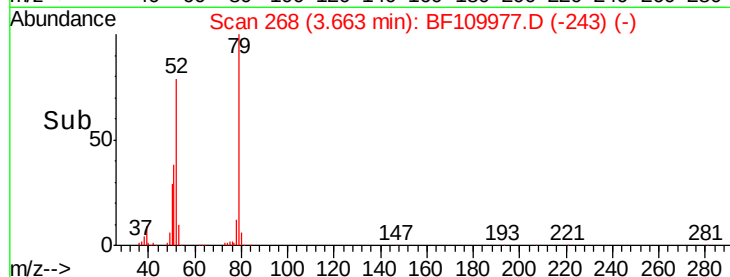
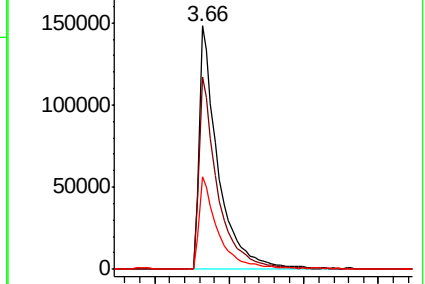
51 37.8 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 18.163 ng

RT: 3.62 min Scan# 260

Delta R.T. 0.04 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

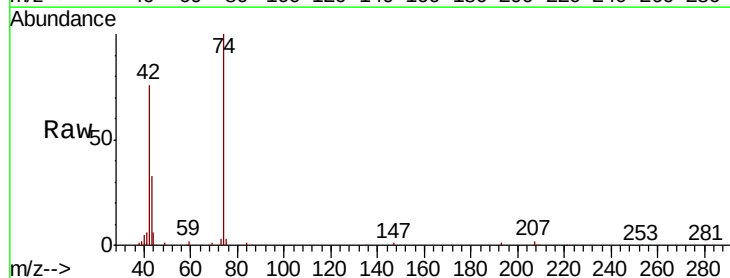
Tgt Ion: 42 Resp: 141297

Ion Ratio Lower Upper

42 100

74 131.2 105.5 158.3

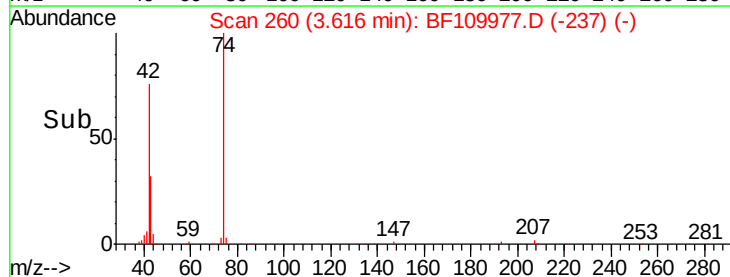
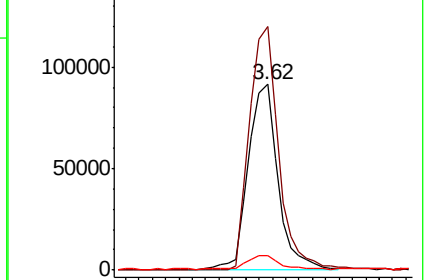
44 7.6 4.9 7.3#

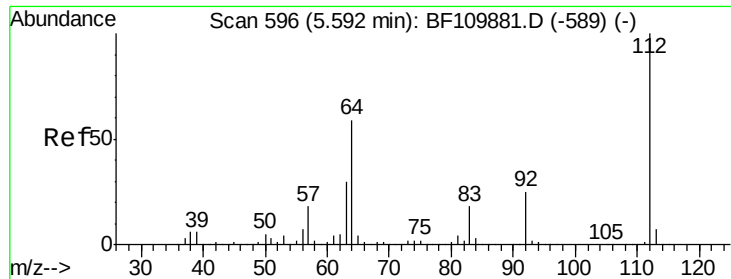


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 49.085 ng

RT: 5.60 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

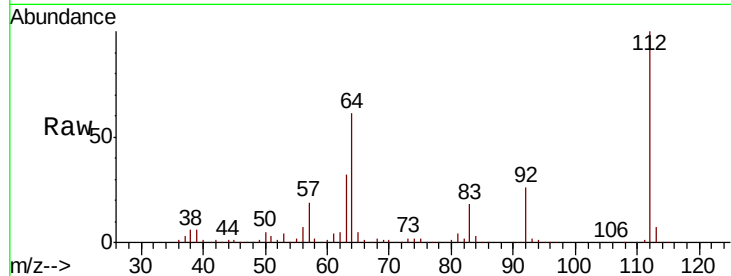
Tot Ion:112 Resp: 739244

Ion Ratio Lower Upper

112 100

64 60.8 44.1 66.1

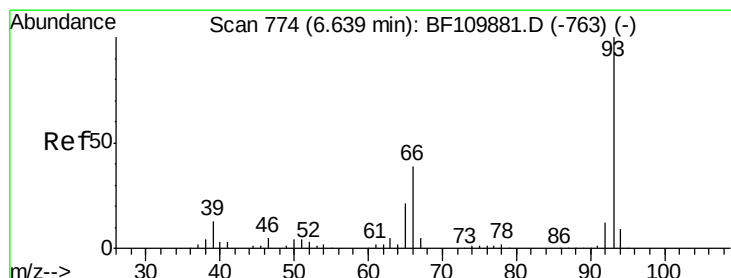
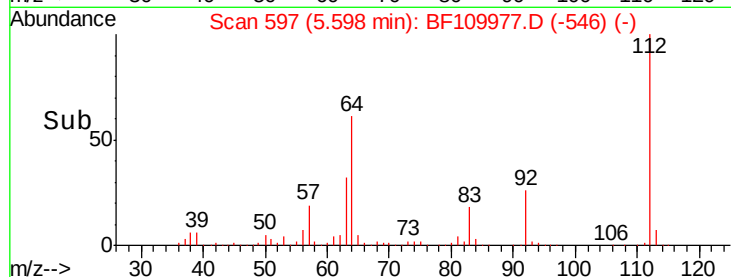
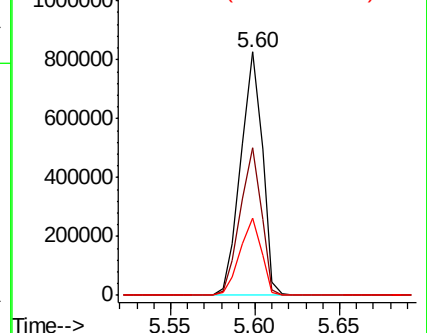
63 31.5 23.7 35.5



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: 14.226 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

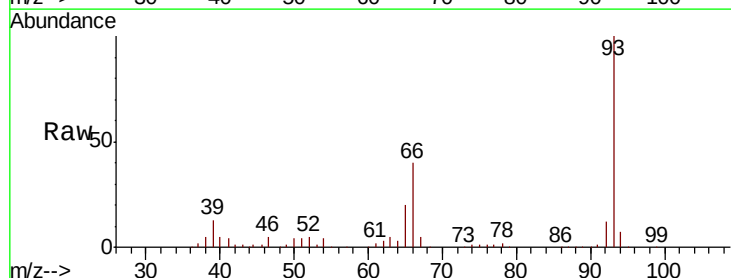
Tgt Ion: 93 Resp: 358527

Ion Ratio Lower Upper

93 100

66 39.8 67.4 101.0#

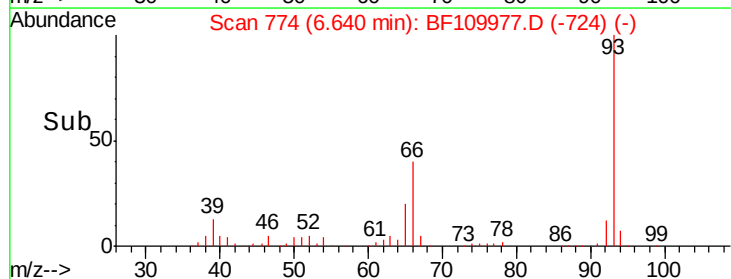
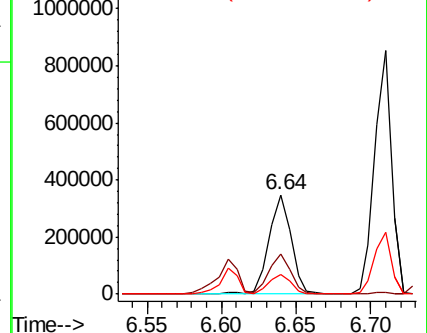
65 19.7 41.0 61.4#

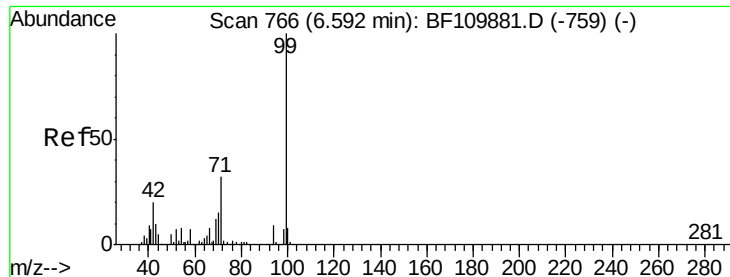


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 31.928 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

Instrument :

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ClientSampleId :

RLF-GW-9SMSD

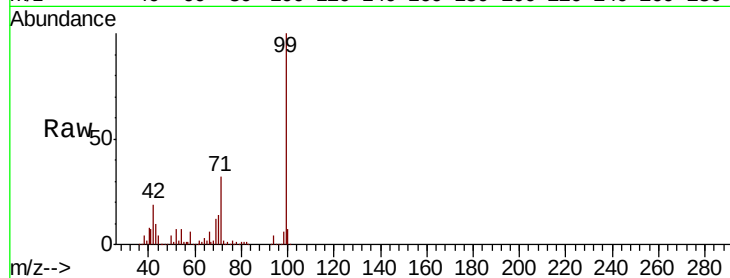
Tot Ion: 99 Resp: 597080

Ion Ratio Lower Upper

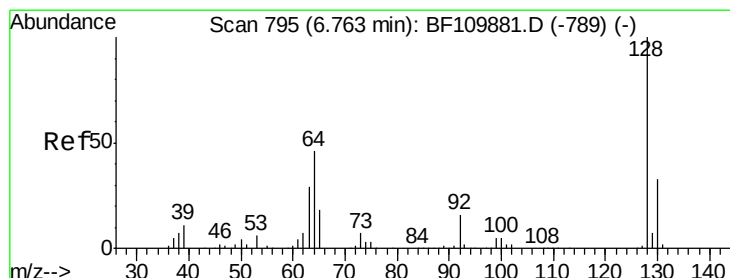
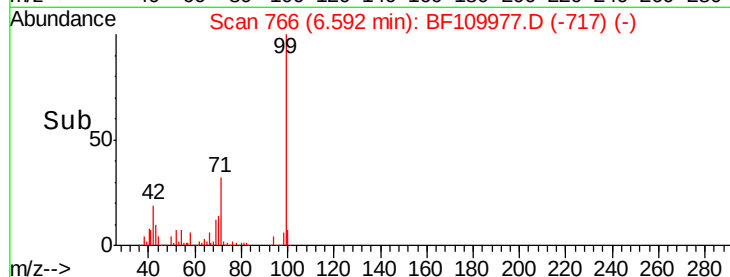
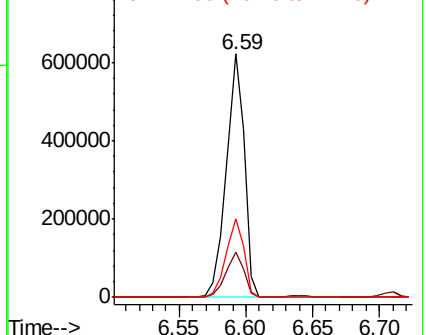
99 100

42 18.6 15.8 23.6

71 32.0 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: 34.874 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

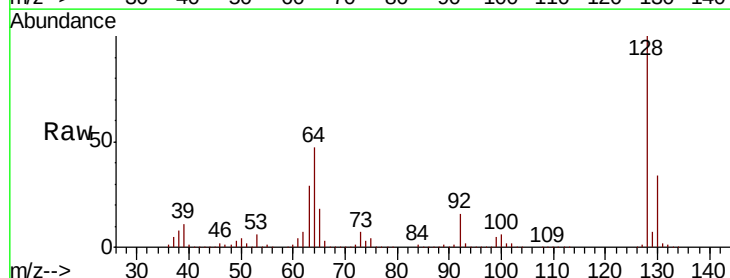
Tgt Ion: 128 Resp: 588311

Ion Ratio Lower Upper

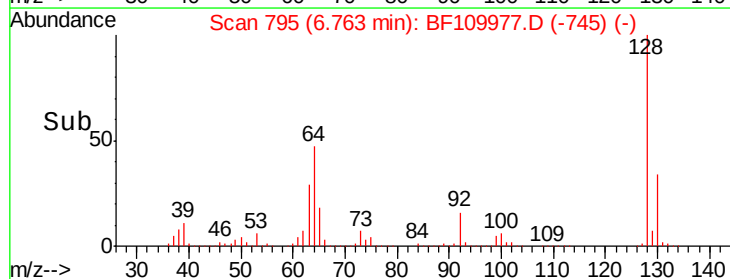
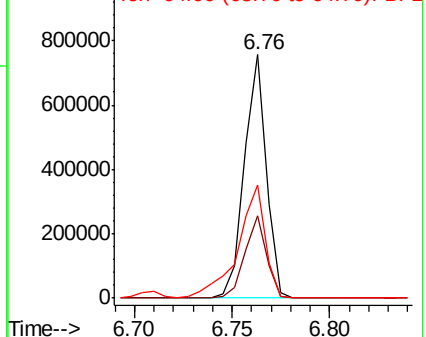
128 100

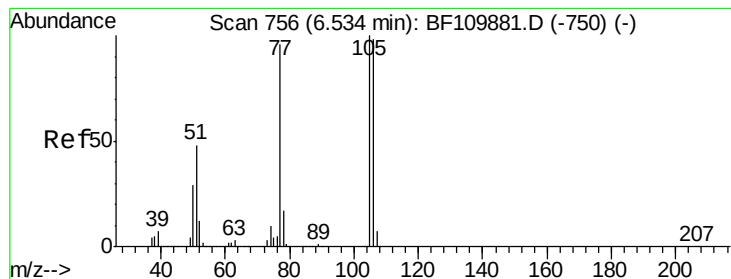
130 33.9 13.1 53.1

64 46.6 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: 39.328 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

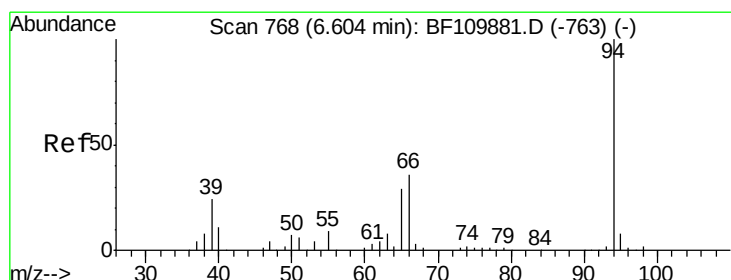
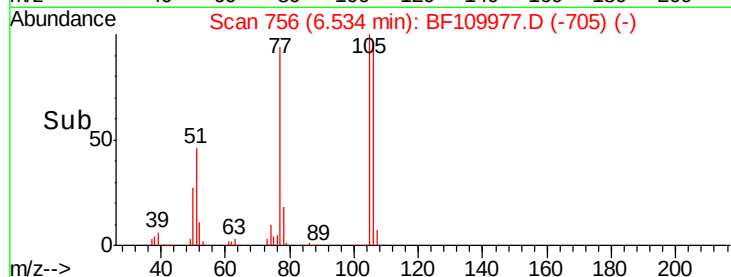
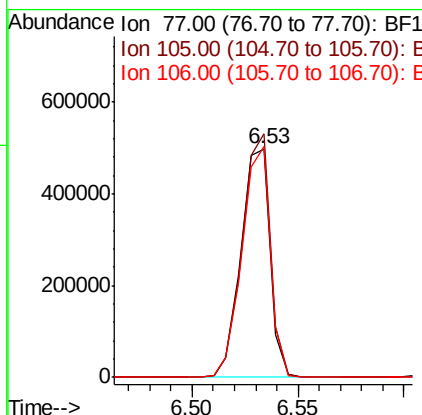
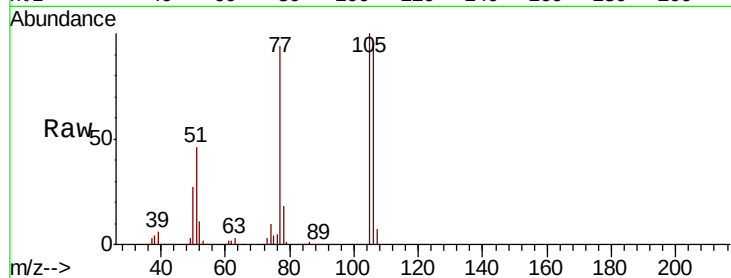
Tot Ion: 77 Resp: 477949

Ion Ratio Lower Upper

77 100

105 106.4 78.6 118.6

106 101.0 74.8 114.8



#10

Phenol

Concen: 12.839 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

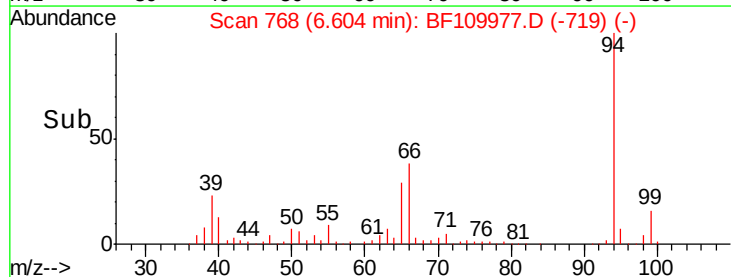
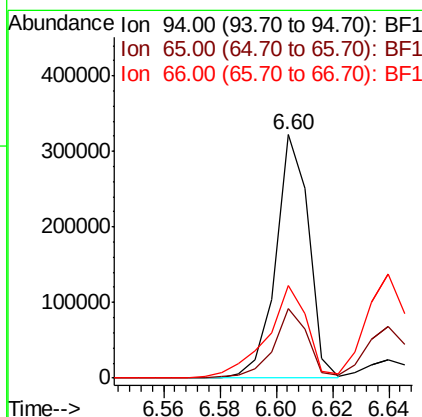
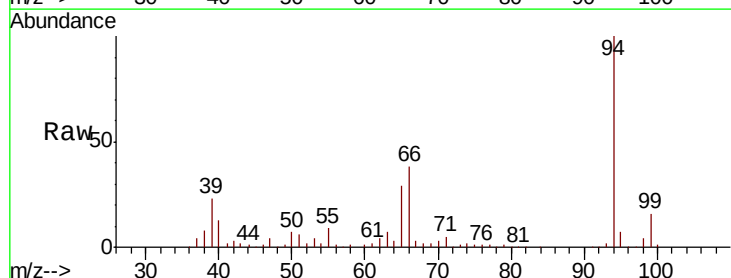
Tgt Ion: 94 Resp: 259230

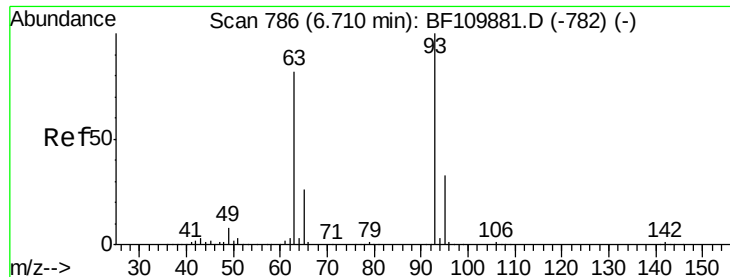
Ion Ratio Lower Upper

94 100

65 28.6 25.3 65.3

66 38.1 54.5 94.5#





#11

bis(2-Chloroethyl)ether

Concen: 39.798 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

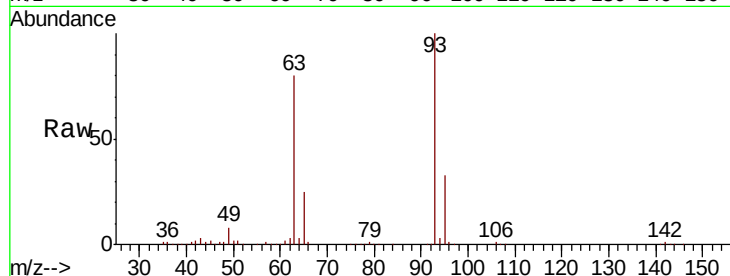
Tot Ion: 93 Resp: 671872

Ion Ratio Lower Upper

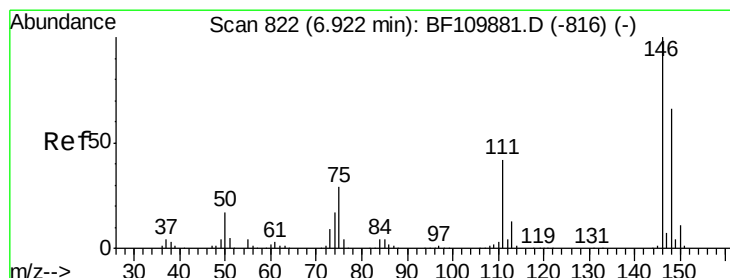
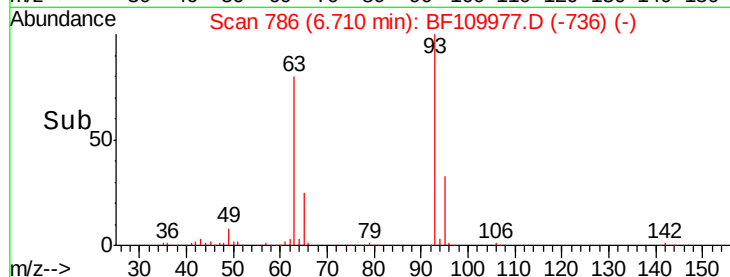
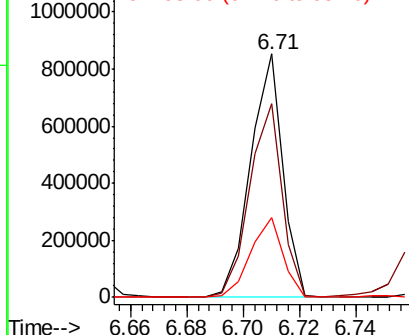
93 100

63 79.7 53.4 93.4

95 32.7 12.1 52.1



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



#12

1,3-Dichlorobenzene

Concen: 36.550 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

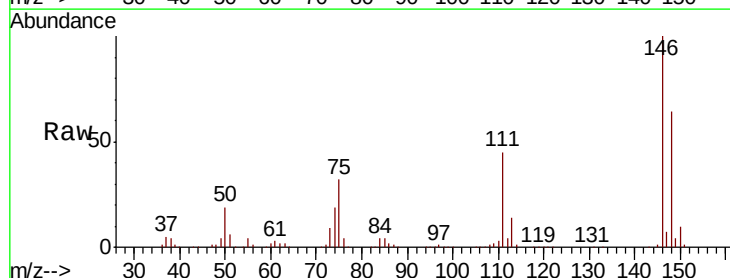
Tgt Ion: 146 Resp: 676114

Ion Ratio Lower Upper

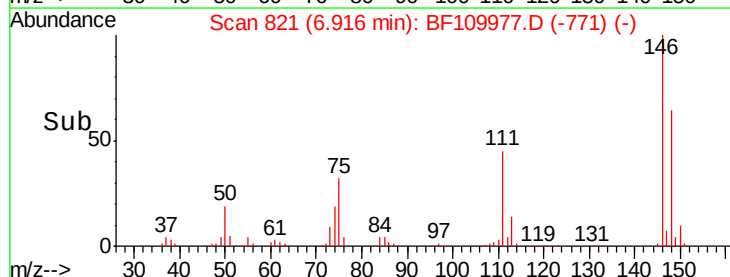
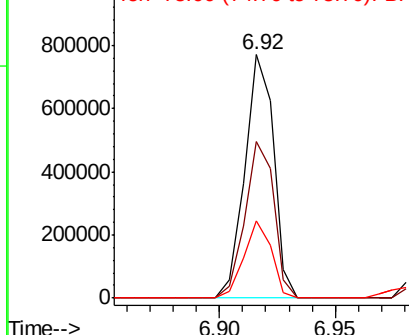
146 100

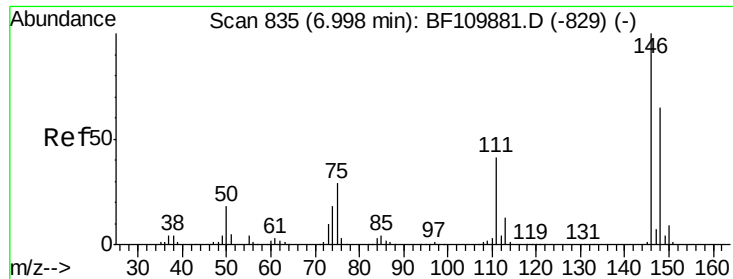
148 64.3 50.4 75.6

75 31.7 25.8 38.6



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

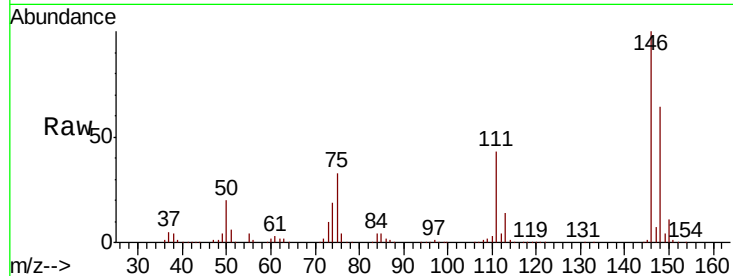




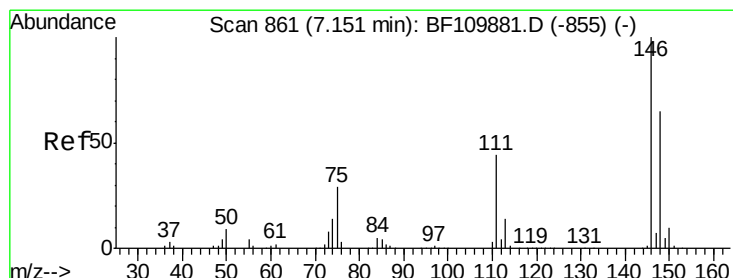
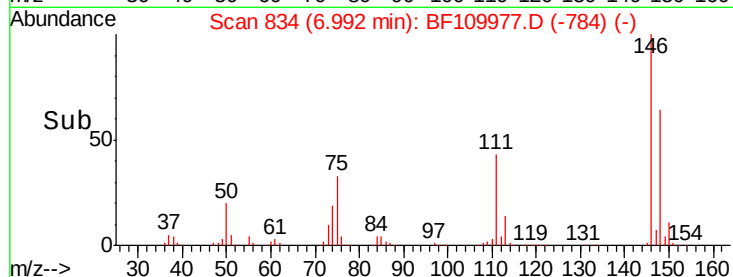
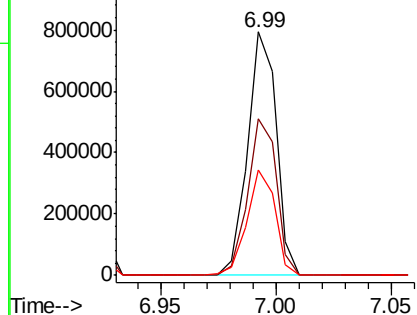
#13
 1,4-Dichlorobenzene
 Concen: 37.153 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

Tot Ion:146 Resp: 692162
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.3 75.5
 111 43.1 32.7 49.1

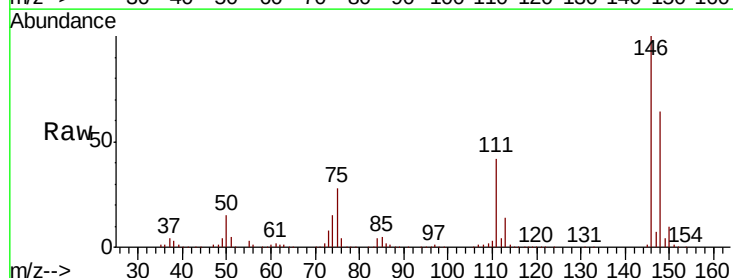


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

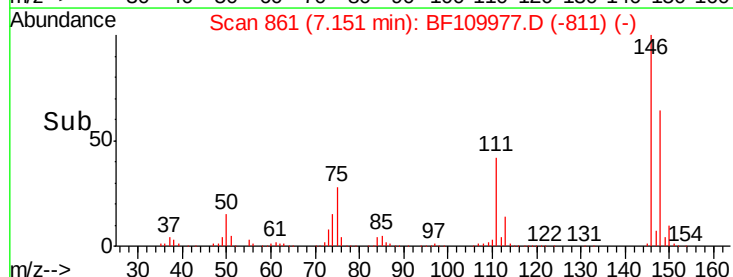
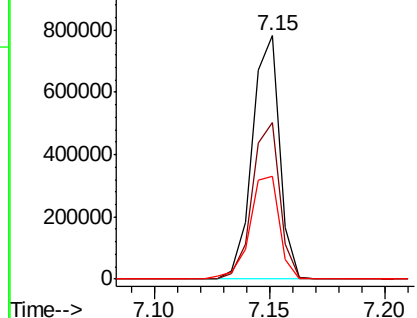


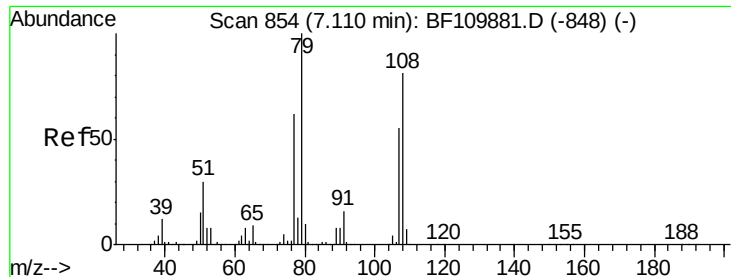
#14
 1,2-Dichlorobenzene
 Concen: 37.815 ng
 RT: 7.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Tgt Ion:146 Resp: 648726
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 42.4 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

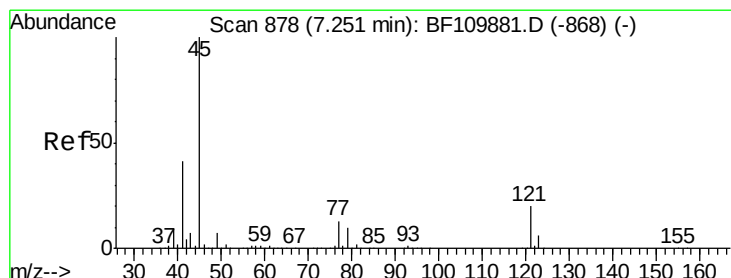
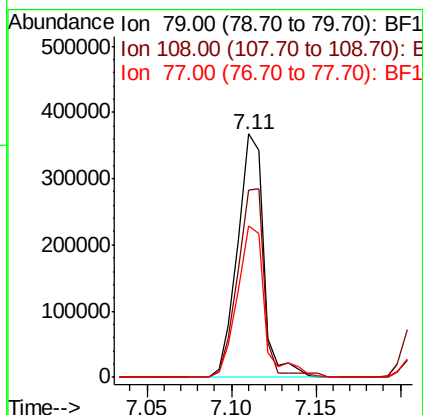
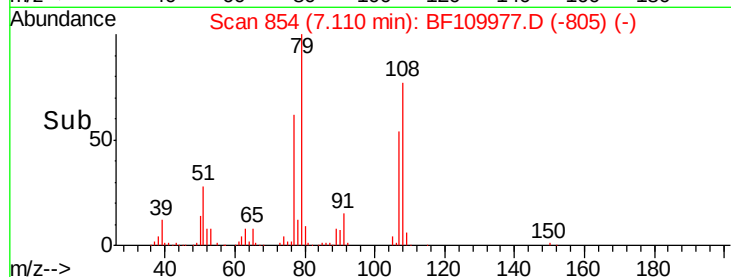
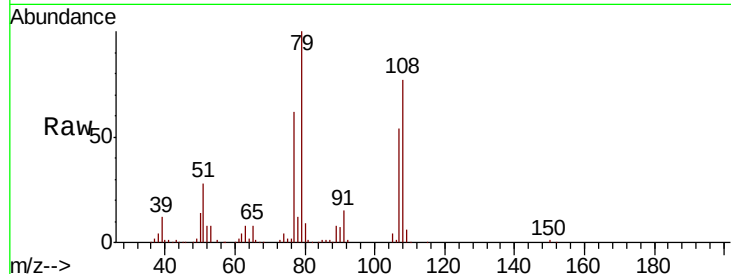




#15
Benzyl Alcohol
Concen: 27.568 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

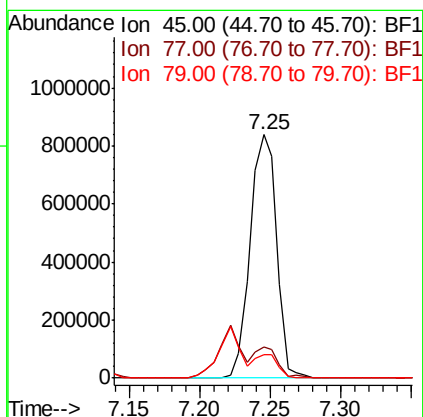
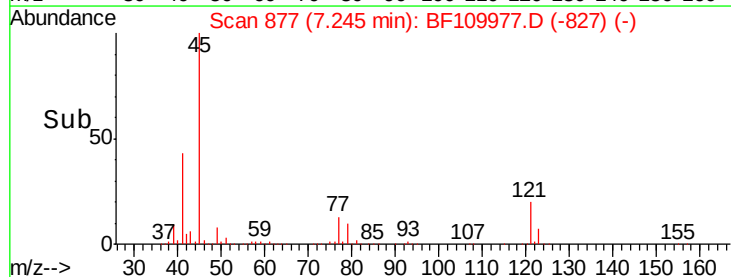
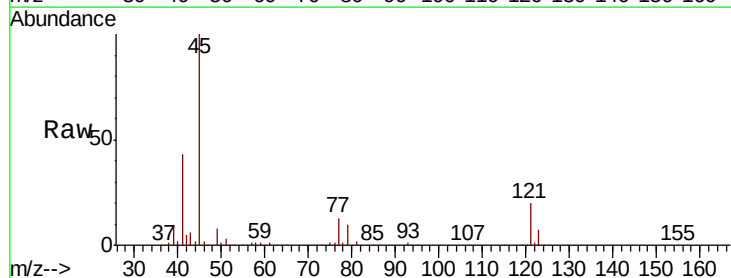
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

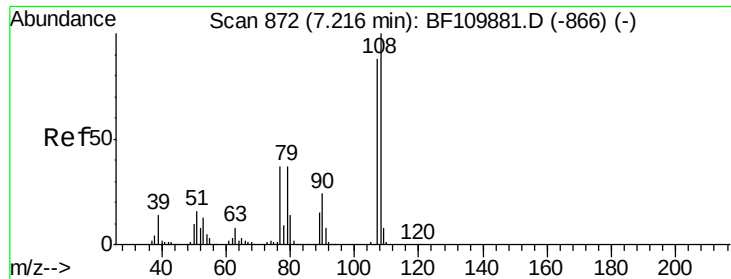
Tot Ion	Ratio	Lower	Upper
79	100		
108	76.9	56.3	84.5
77	62.2	52.9	79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.964 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.0	10.0	50.0
79	9.9	6.1	46.1

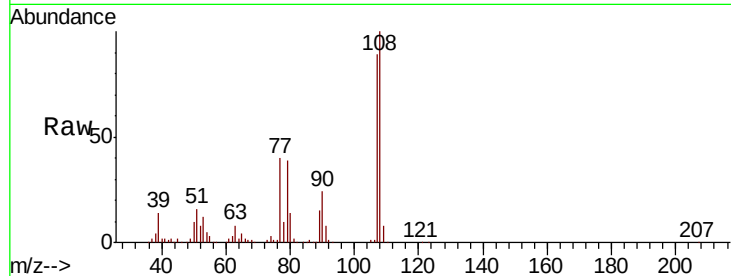




#17
2-Methylphenol
Concen: 29.993 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	92.6	138.8
77	44.7	59.4	89.2#
79	43.6	54.0	81.0#



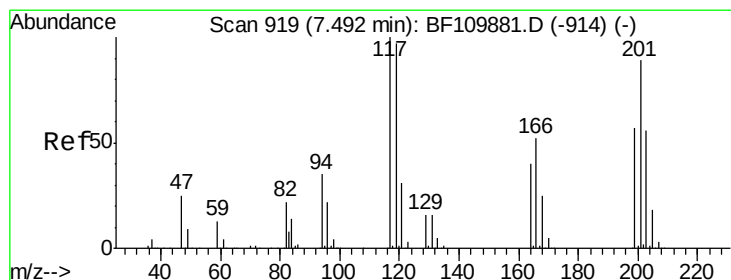
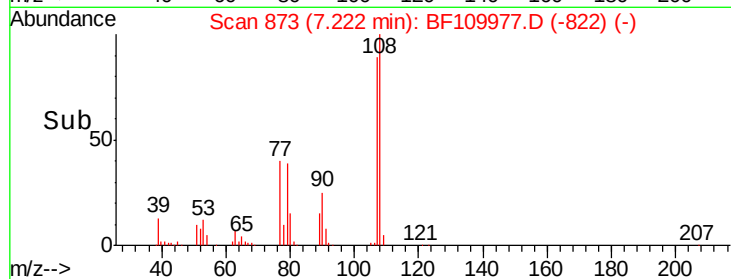
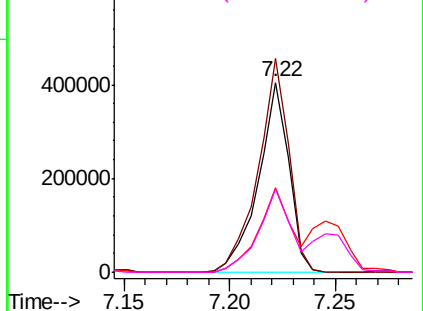
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

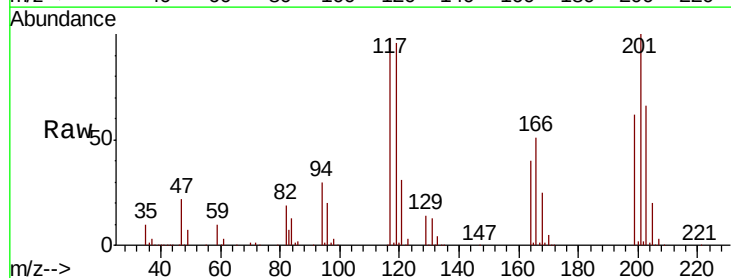
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.889 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.0	112.6
201	102.1	79.2	118.8

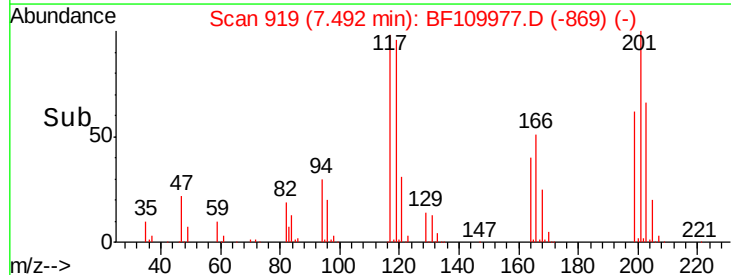
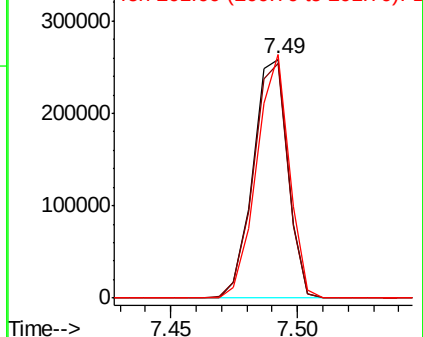


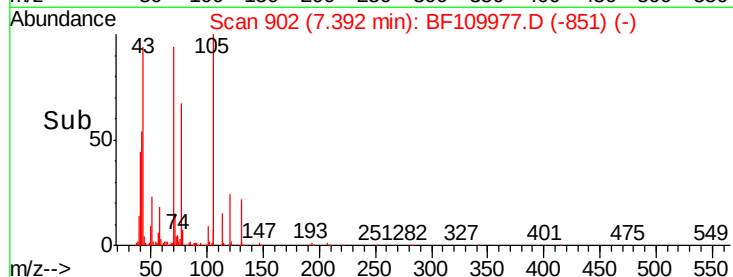
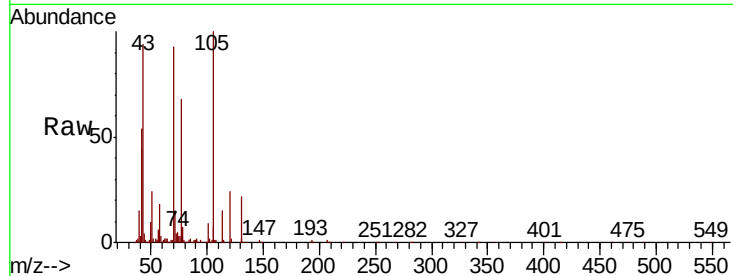
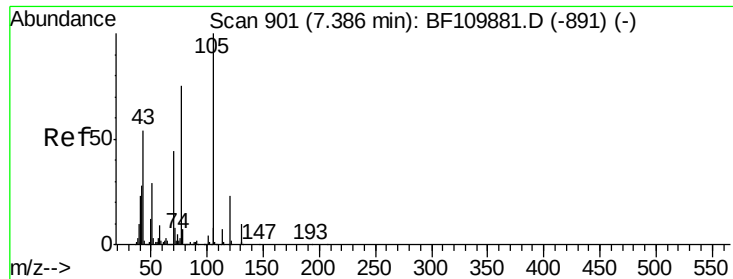
Abundance

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

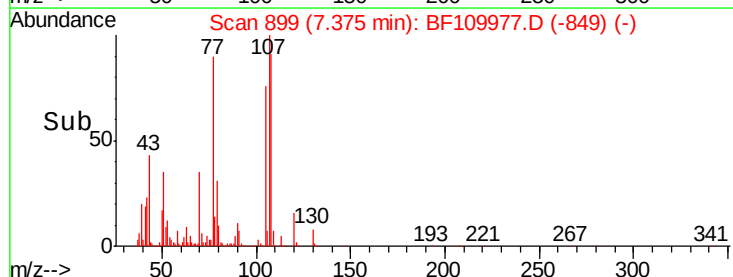
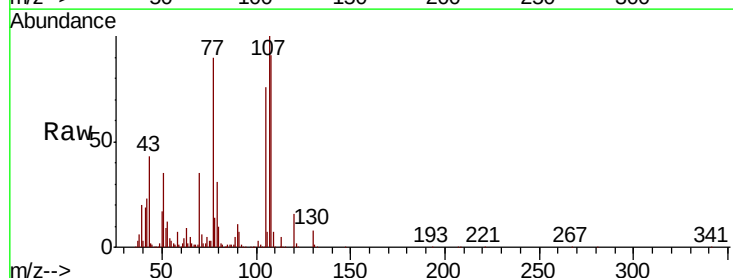
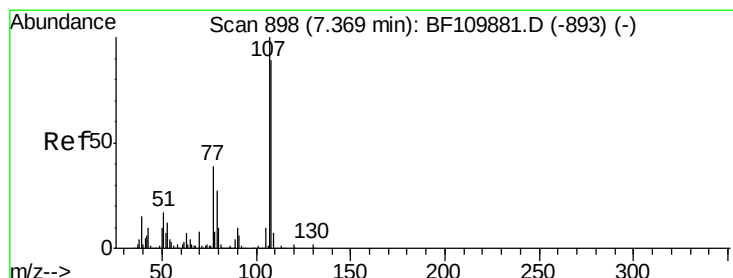
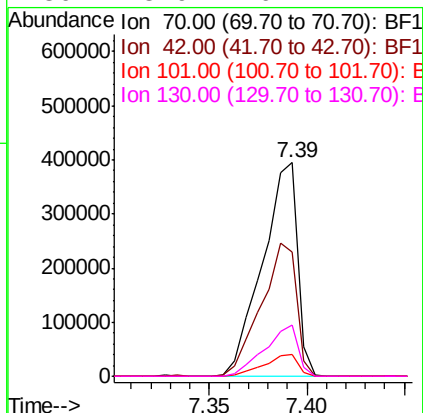




#19
n-Nitroso-di-n-propylamine
Concen: 40.963 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

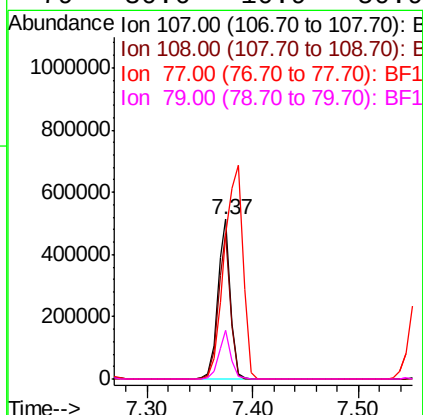
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

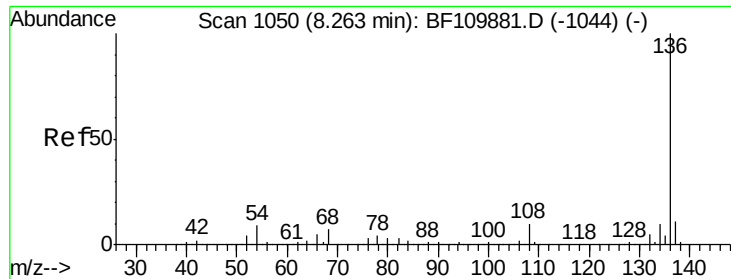
Tot Ion:	70	Resp:	491867
Ion	Ratio	Lower	Upper
70	100		
42	58.1	47.4	71.2
101	10.0	7.3	10.9
130	23.9	16.2	24.2



#20
3+4-Methylphenols
Concen: 25.306 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt Ion:	107	Resp:	436842
Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.4	111.4
77	90.2	47.3	87.3
79	30.6	10.9	50.9

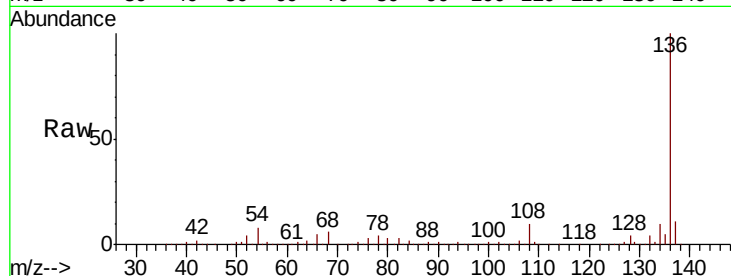




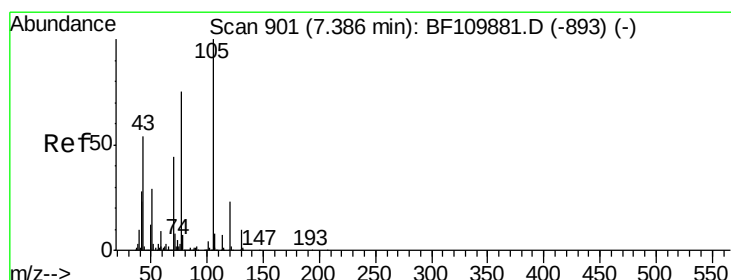
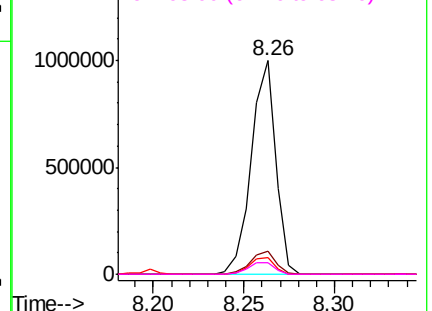
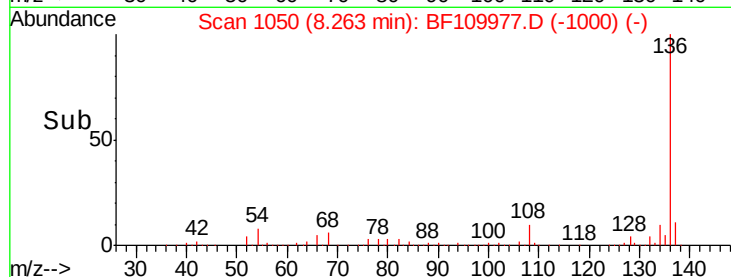
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion:136	Resp:	936039	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.8	13.2	
54 7.8	5.4	8.2	
68 5.5	4.2	6.2	

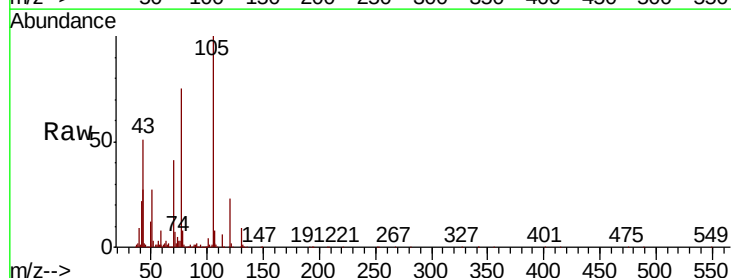


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

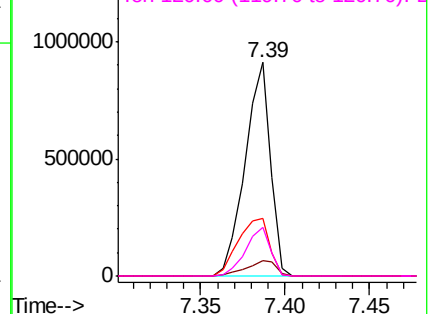
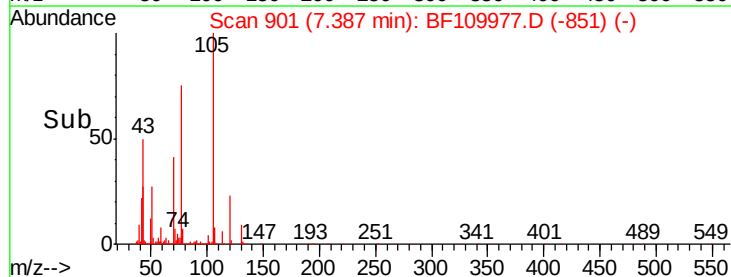


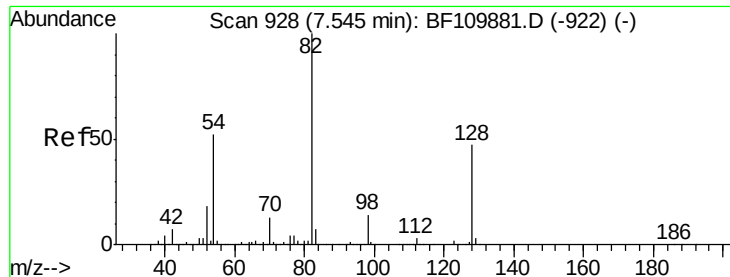
#22
Acetophenone
Concen: 43.984 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt	Ion:105	Resp:	954781
Ion	Ratio	Lower	Upper
105	100		
71	7.1	5.2	7.8
51	27.2	21.8	32.8
120	22.5	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



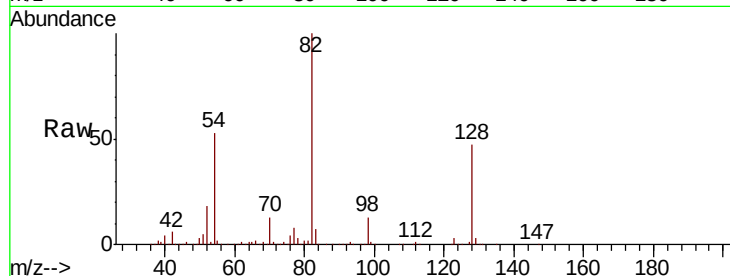


#23
 Nitrobenzene-d5
 Concen: 90.071 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

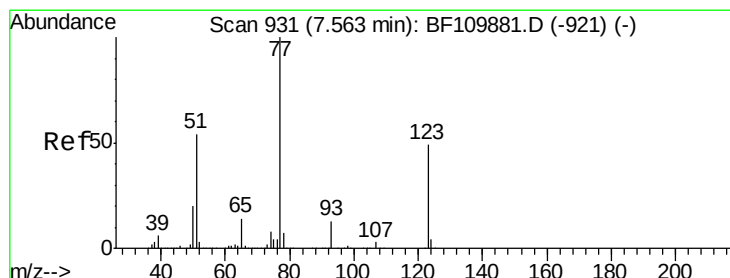
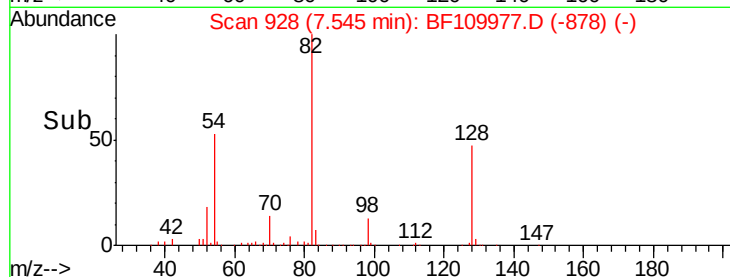
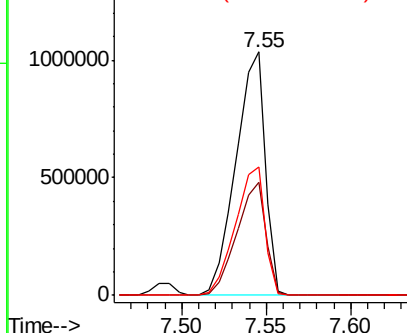
Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

Tot Ion: 82 Resp: 1251558

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.2	51.2
54	52.5	38.6	58.0



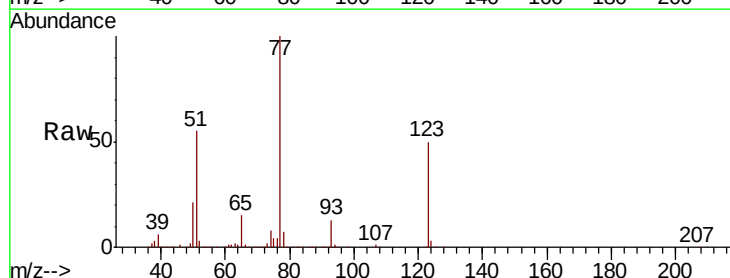
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



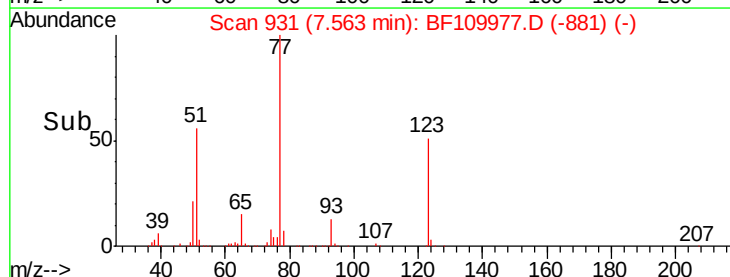
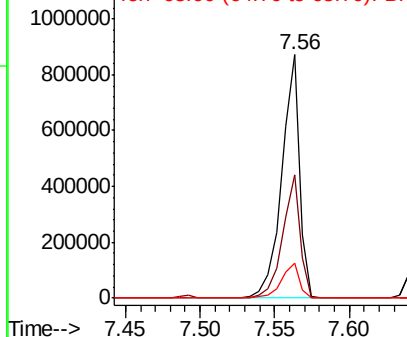
#24
 Nitrobenzene
 Concen: 48.467 ng
 RT: 7.56 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

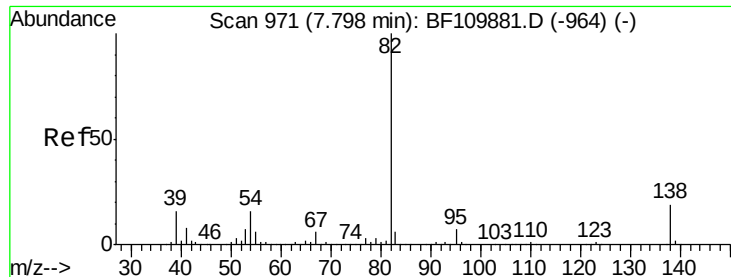
Tgt Ion: 77 Resp: 731601

Ion	Ratio	Lower	Upper
77	100		
123	50.4	35.7	53.5
65	14.6	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: 51.065 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

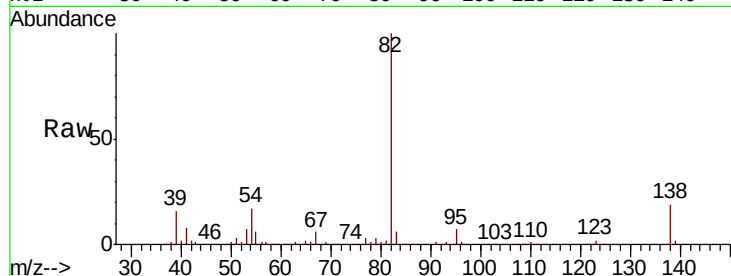
Tot Ion: 82 Resp: 1394210

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

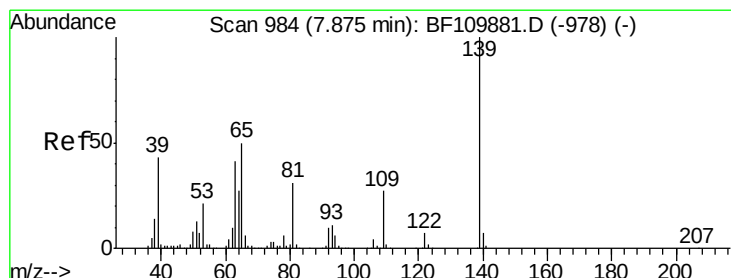
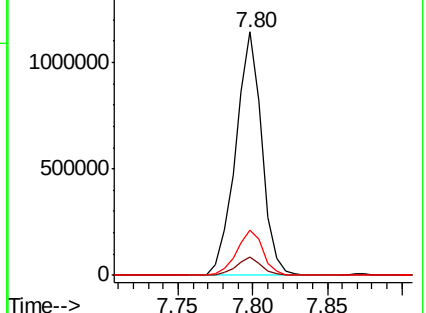
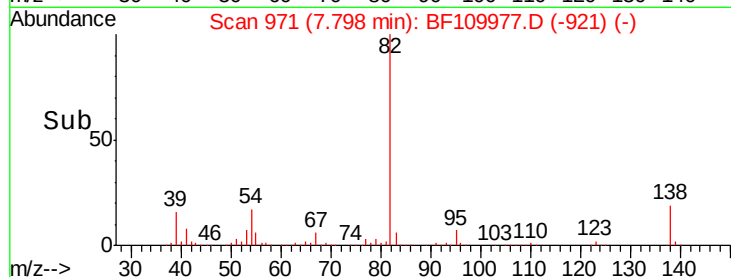
138 18.8 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 61.099 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

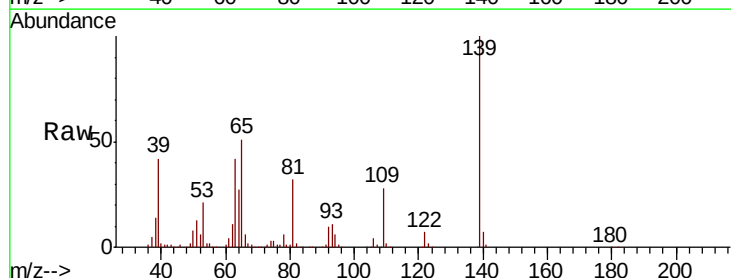
Tgt Ion: 139 Resp: 382401

Ion Ratio Lower Upper

139 100

109 28.4 25.0 37.6

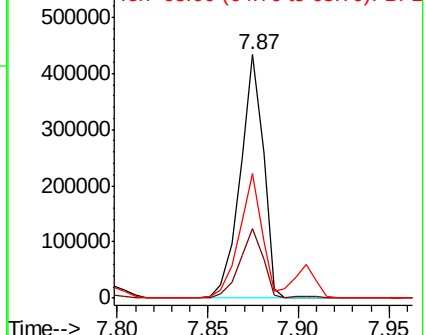
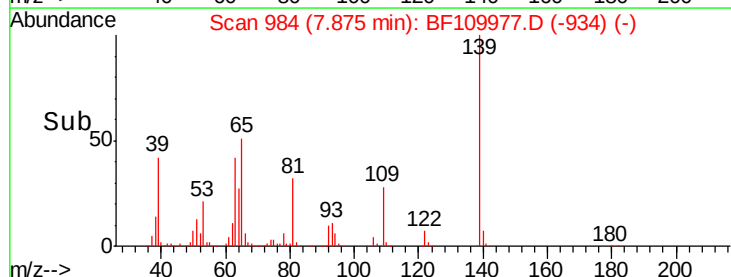
65 50.9 44.0 66.0

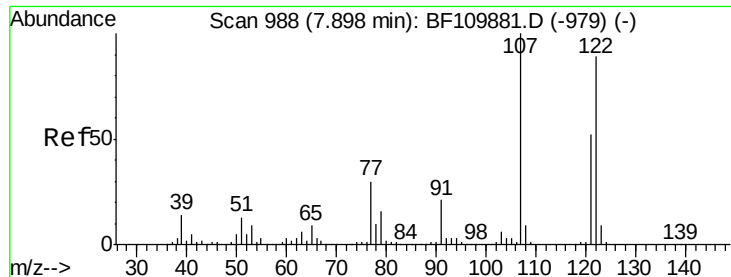


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

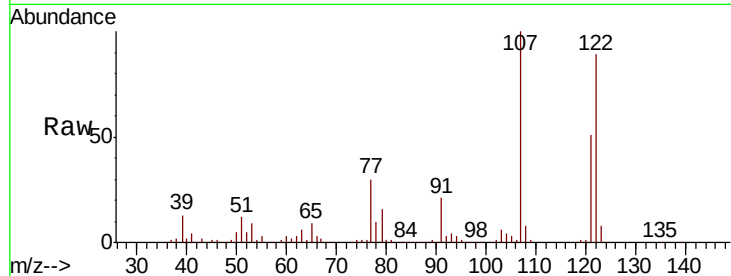




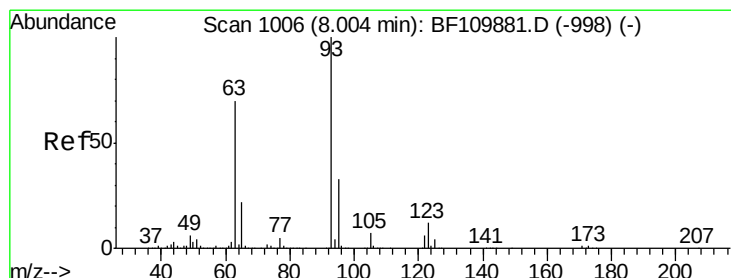
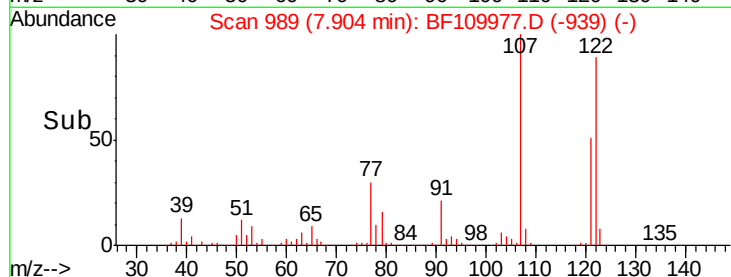
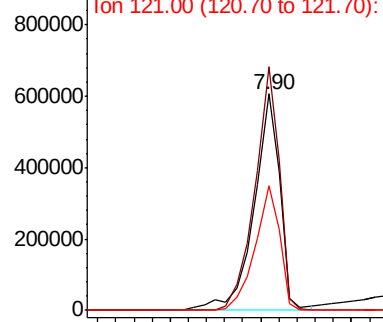
#27
2,4-Dimethylphenol
Concen: 45.930 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion:122 Resp: 604025
Ion Ratio Lower Upper
122 100
107 112.5 92.5 138.7
121 57.3 45.8 68.8

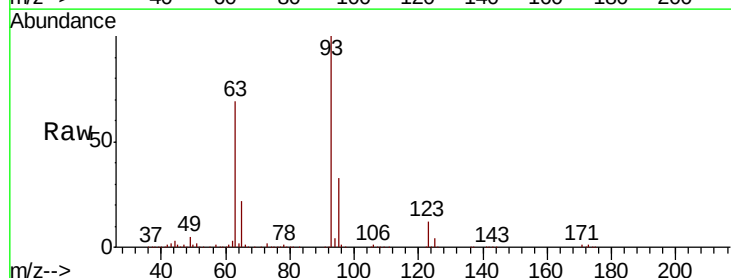


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

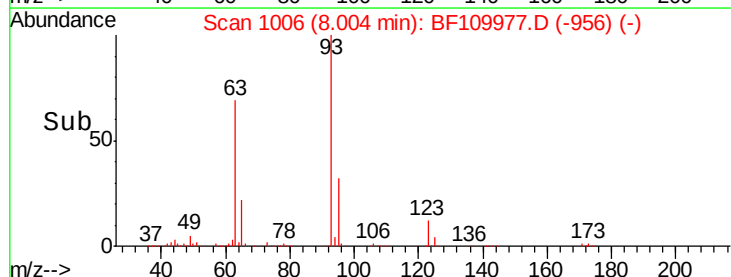
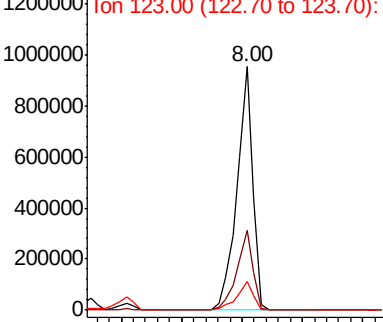


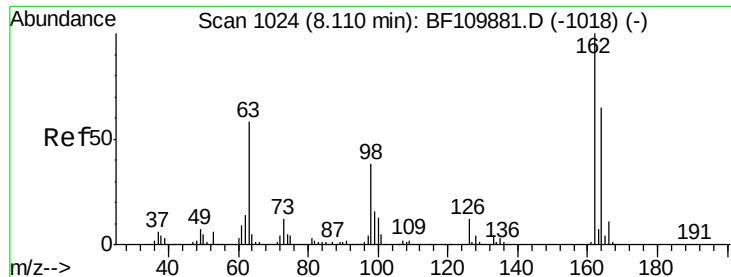
#28
bis(2-Chloroethoxy)methane
Concen: 46.443 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt Ion: 93 Resp: 870229
Ion Ratio Lower Upper
93 100
95 32.6 26.4 39.6
123 11.8 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

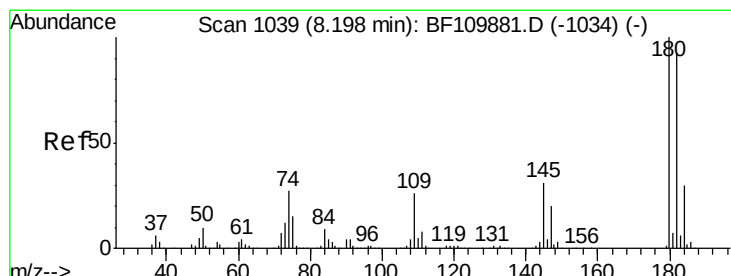
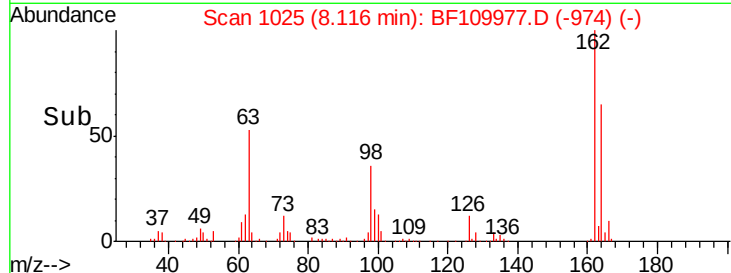
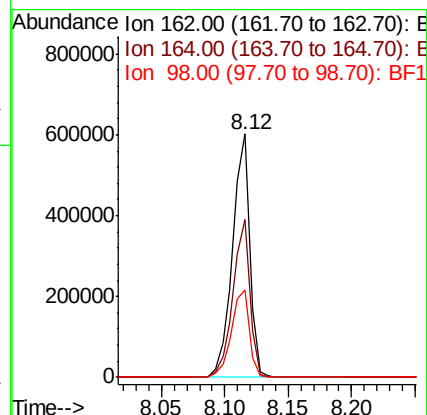
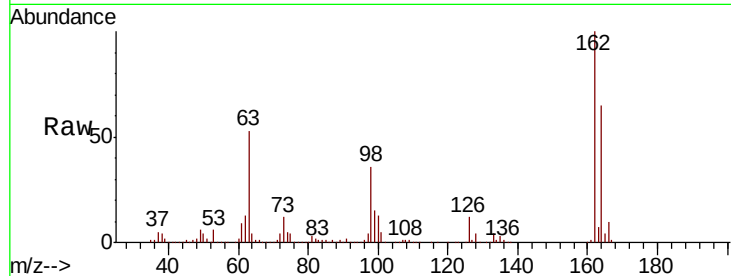




#29
2,4-Dichlorophenol
Concen: 44.448 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

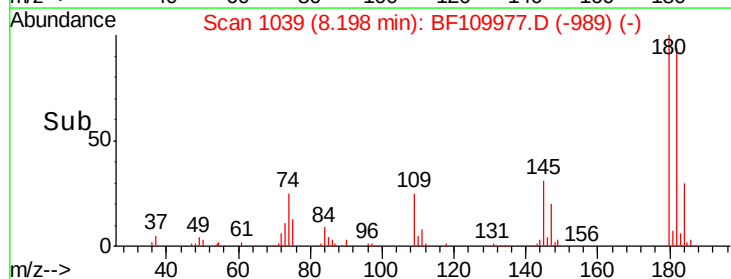
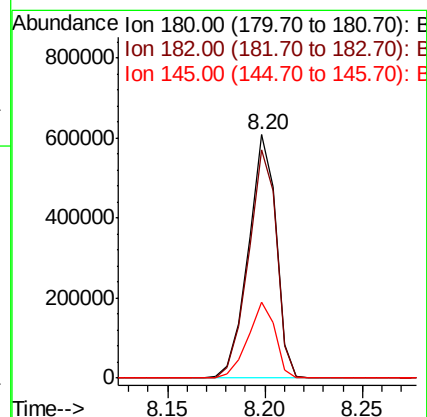
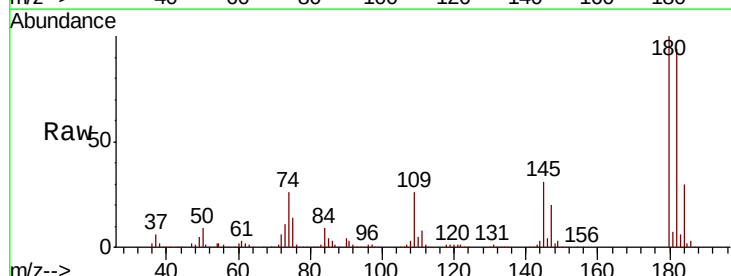
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

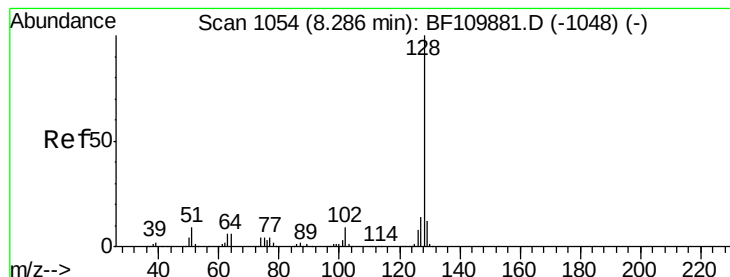
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	36.0	17.4	57.4



#30
1,2,4-Trichlorobenzene
Concen: 41.972 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	80.3	120.5
145	31.2	25.4	38.0





#31

Naphthalene

Concen: 45.246 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

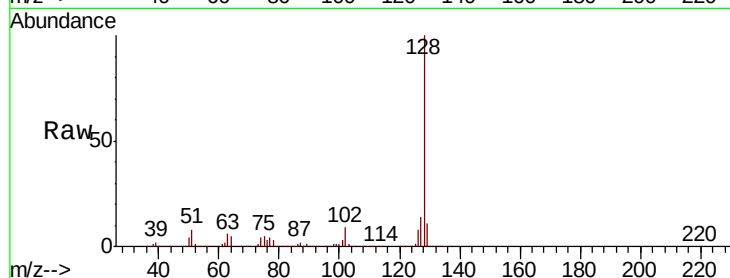
Tot Ion:128 Resp: 1942104

Ion Ratio Lower Upper

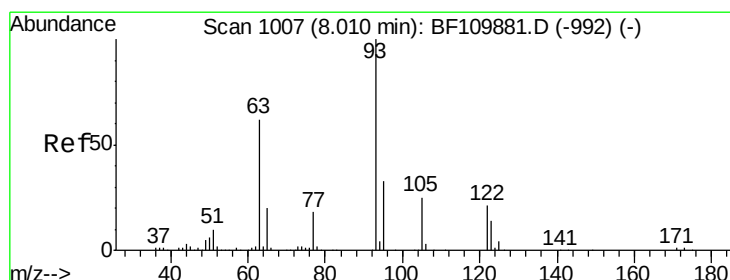
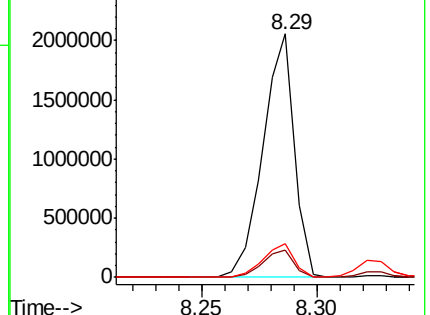
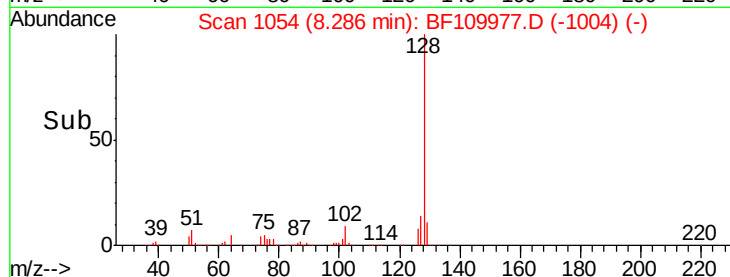
128 100

129 11.4 8.8 13.2

127 13.7 10.8 16.2



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



#32

Benzoic acid

Concen: 15.331 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

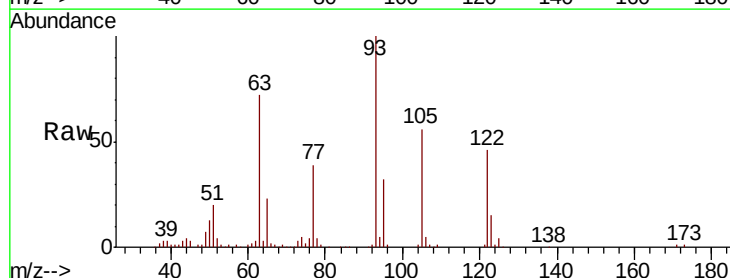
Tgt Ion:122 Resp: 125624

Ion Ratio Lower Upper

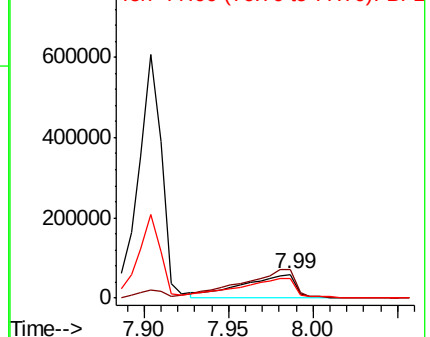
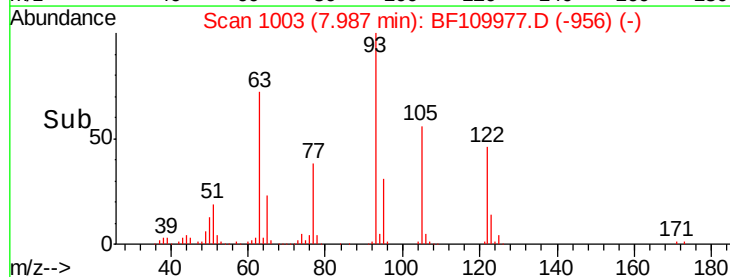
122 100

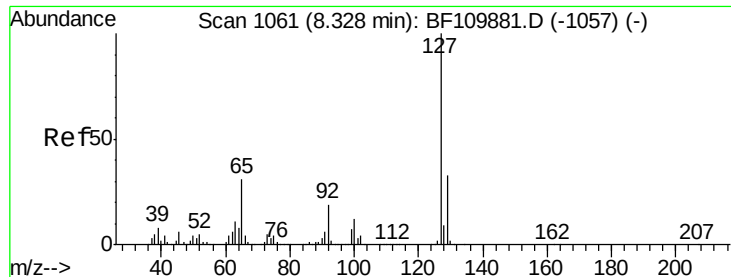
105 120.6 109.0 149.0

77 84.3 79.0 119.0



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

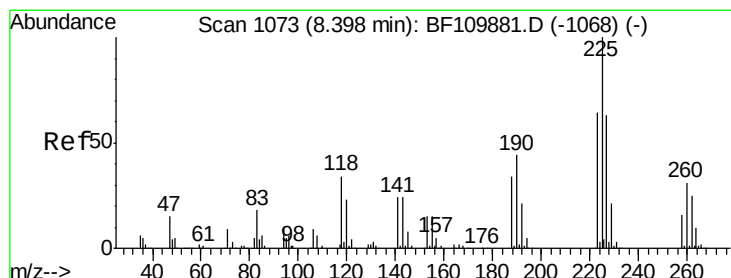
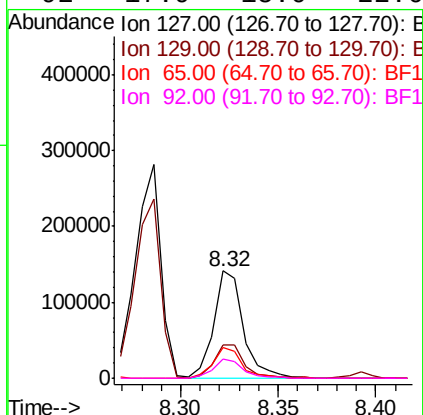
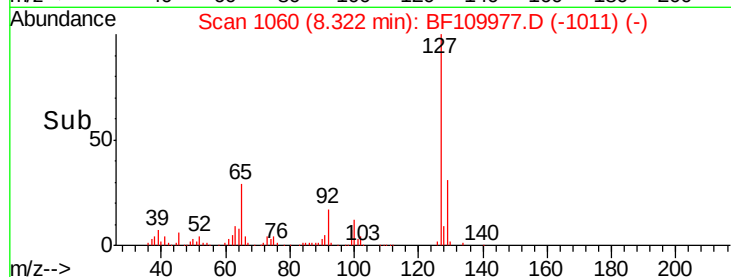
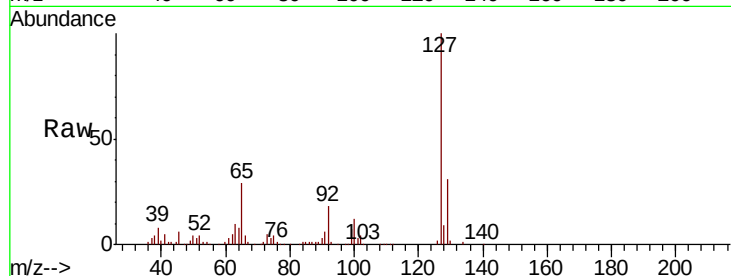




#33
4-Chloroaniline
Concen: 7.716 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

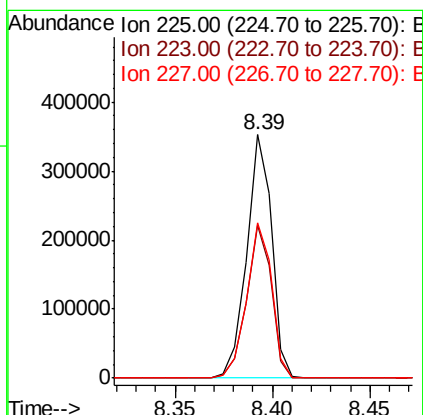
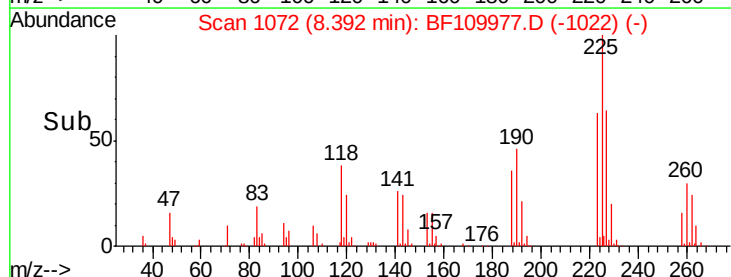
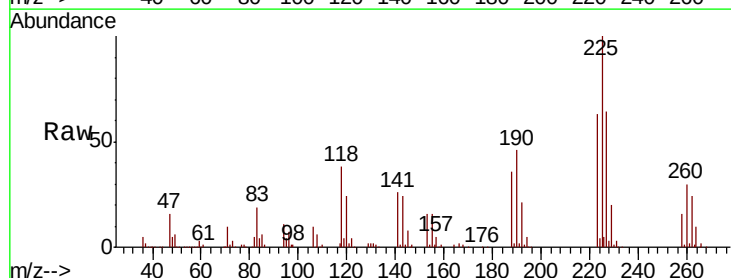
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

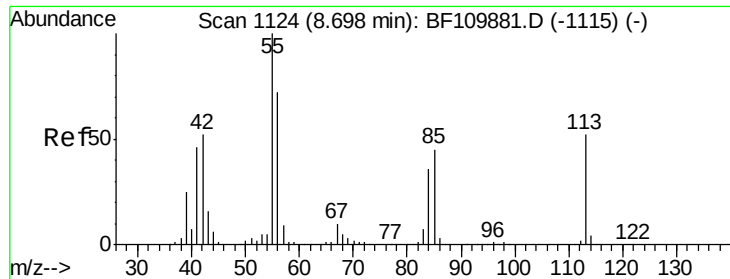
Tot Ion:	127	Resp:	148872
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.0	39.0
65	28.9	25.1	37.7
92	17.9	15.0	22.6



#34
Hexachlorobutadiene
Concen: 39.634 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt Ion:	225	Resp:	312188
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.4	77.2
227	63.6	51.0	76.6

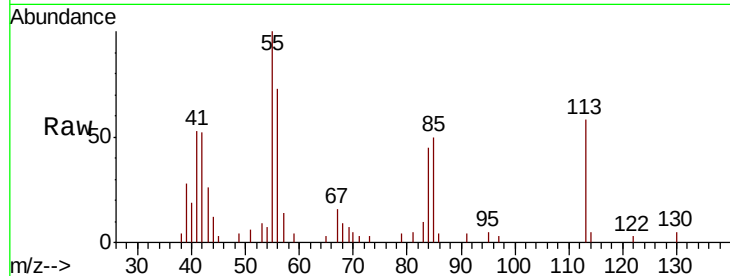




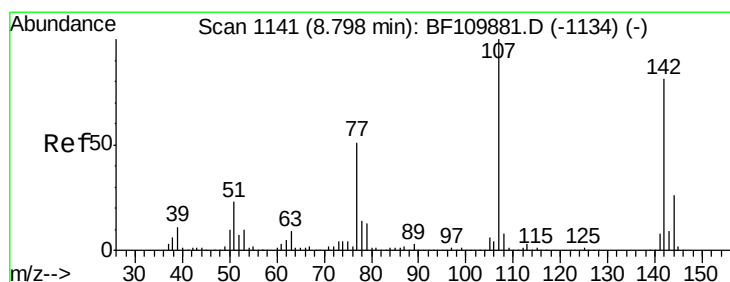
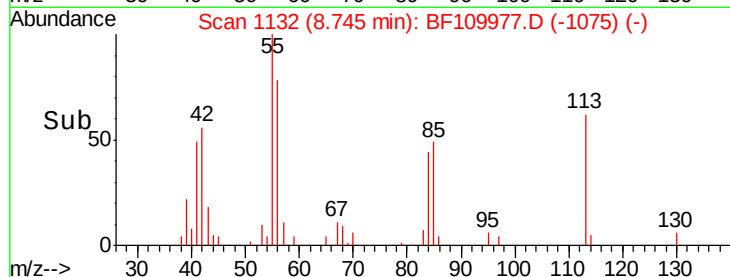
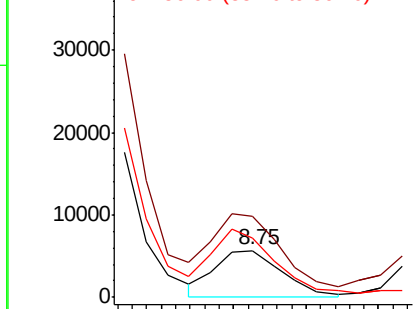
#35
Caprolactam
Concen: 1.638 ng
RT: 8.75 min Scan# 1132
Delta R.T. 0.04 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion:113 Resp: 7423
Ion Ratio Lower Upper
113 100
55 173.2 142.8 182.8
56 126.3 105.0 145.0

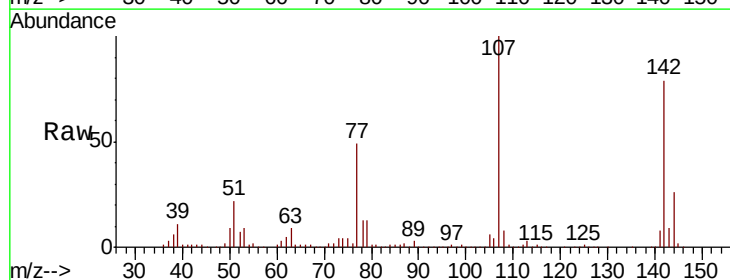


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

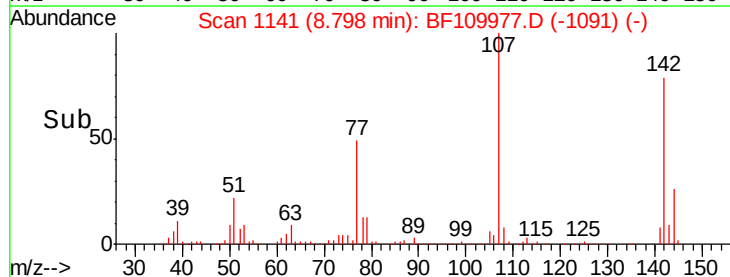
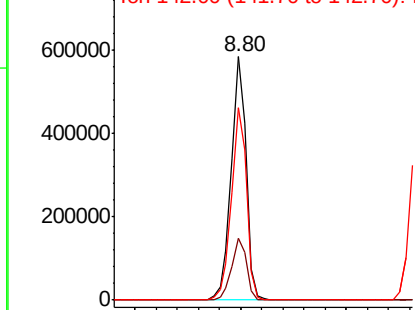


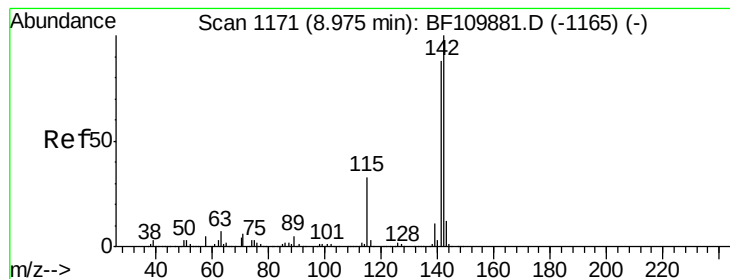
#36
4-Chloro-3-methylphenol
Concen: 42.038 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt Ion:107 Resp: 565766
Ion Ratio Lower Upper
107 100
144 25.6 20.0 30.0
142 79.2 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: 49.143 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

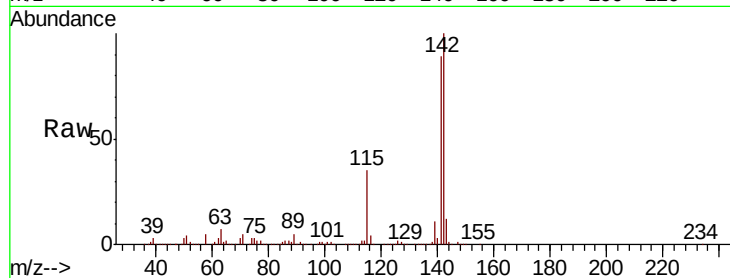
Tot Ion:142 Resp: 1365897

Ion Ratio Lower Upper

142 100

141 88.6 71.4 107.2

115 34.8 28.7 43.1

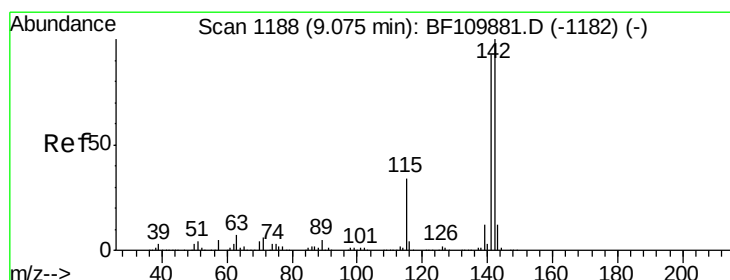
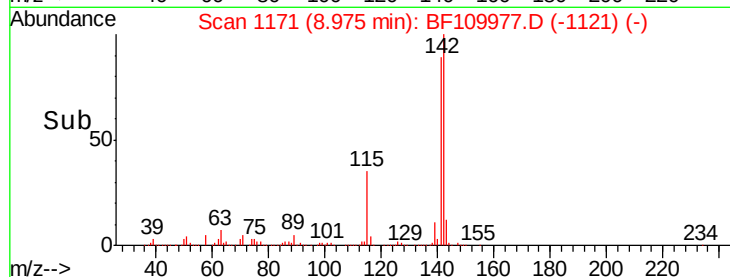
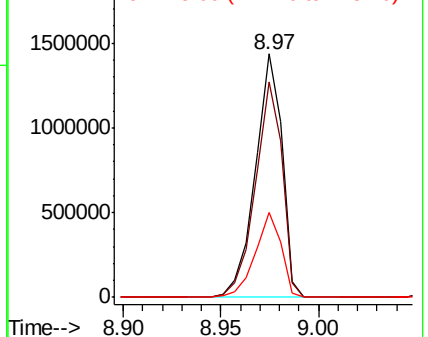


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.138 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

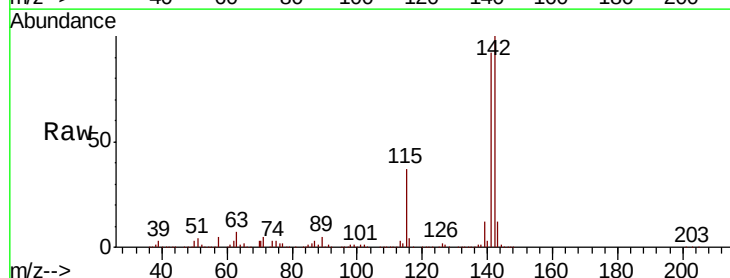
Tgt Ion:142 Resp: 1296486

Ion Ratio Lower Upper

142 100

141 91.6 74.2 111.4

116 3.8 2.6 4.0

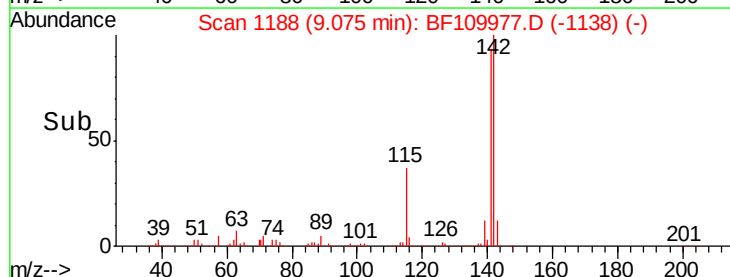
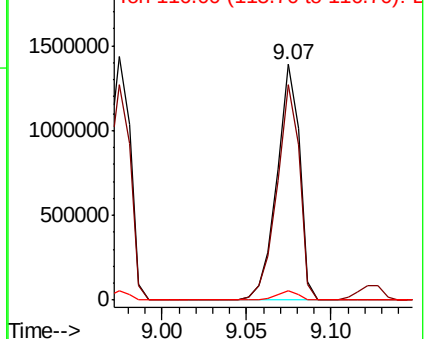


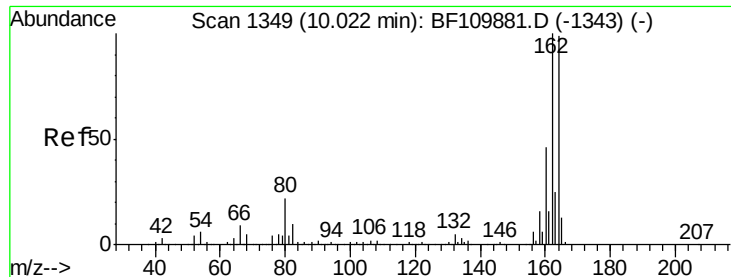
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

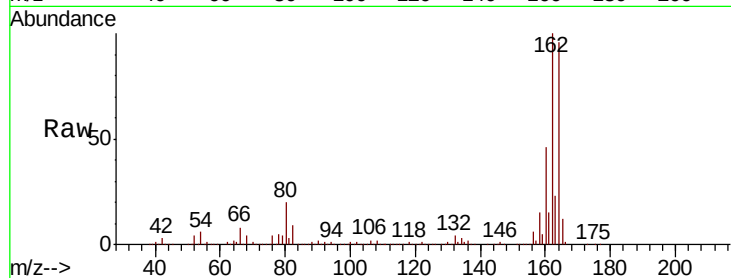
Tot Ion:164 Resp: 436038

Ion Ratio Lower Upper

164 100

162 104.1 83.0 124.6

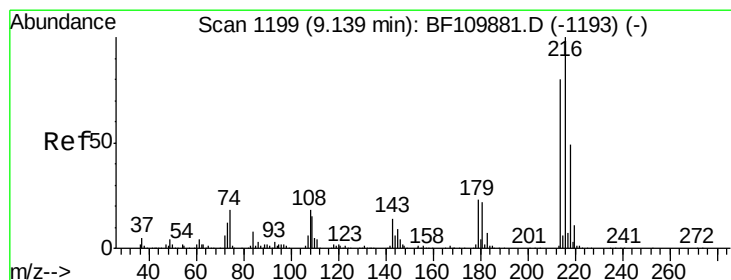
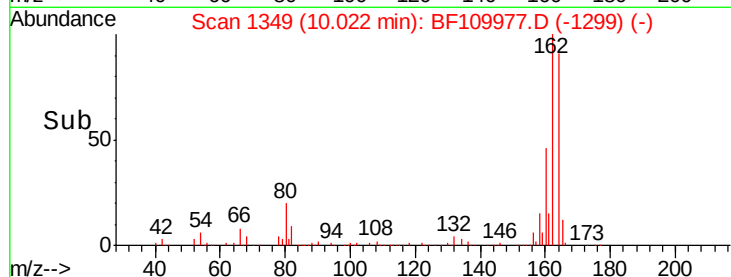
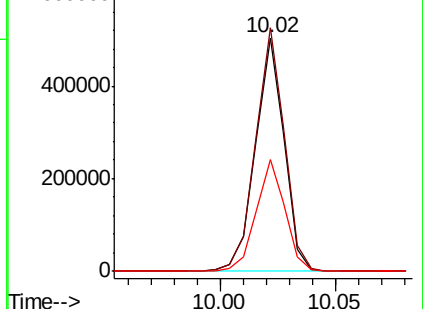
160 47.9 37.0 55.6



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: 42.454 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

Tgt Ion:216 Resp: 570177

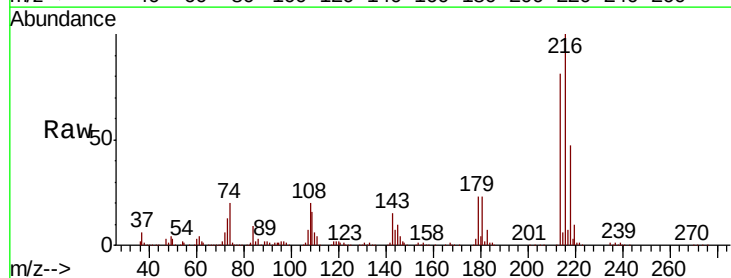
Ion Ratio Lower Upper

216 100

214 80.1 63.8 95.6

179 22.6 16.6 25.0

108 22.5 15.1 22.7

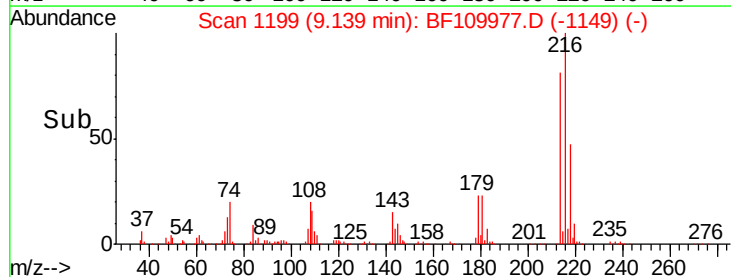
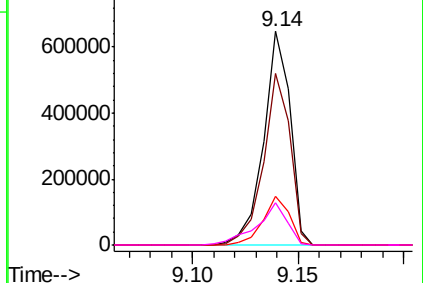


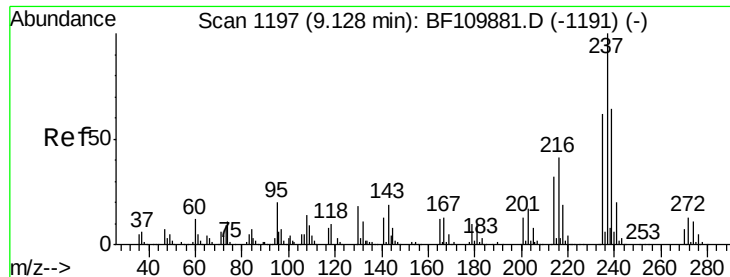
Abundance Ion 216.00 (215.70 to 216.70): E

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: 104.576 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

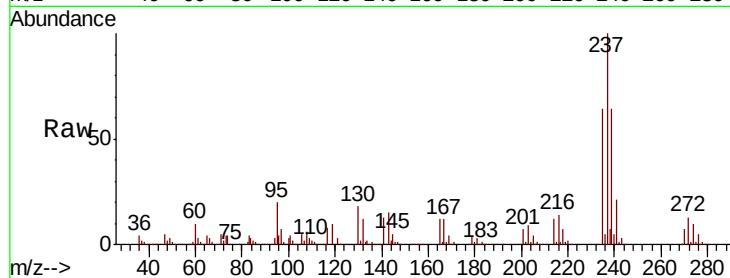
Tot Ion:237 Resp: 677896

Ion Ratio Lower Upper

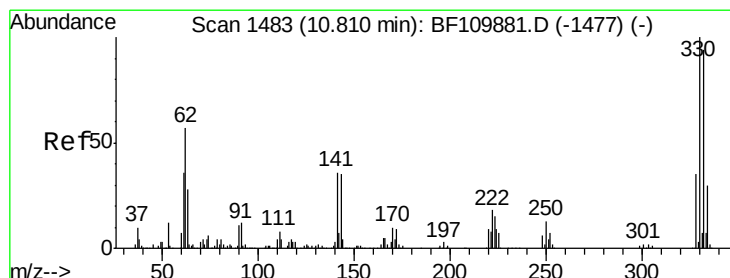
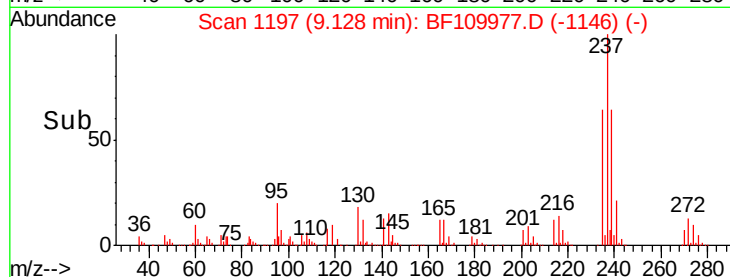
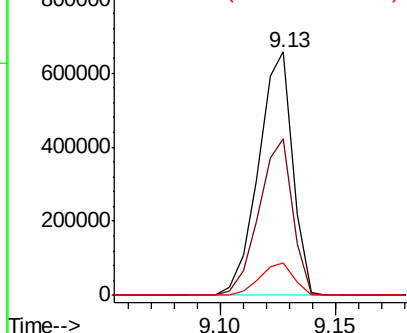
237 100

235 64.1 43.1 83.1

272 13.3 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: 125.505 ng

RT: 10.82 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

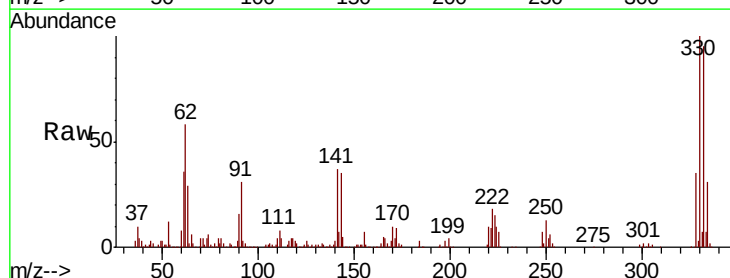
Tgt Ion:330 Resp: 473794

Ion Ratio Lower Upper

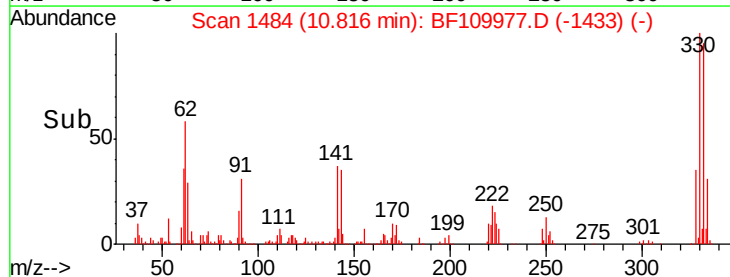
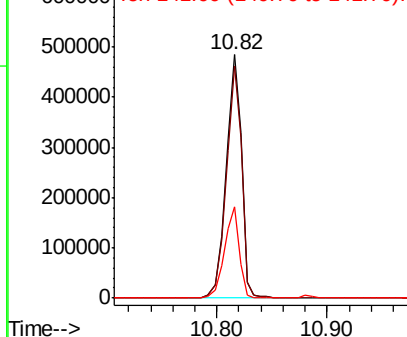
330 100

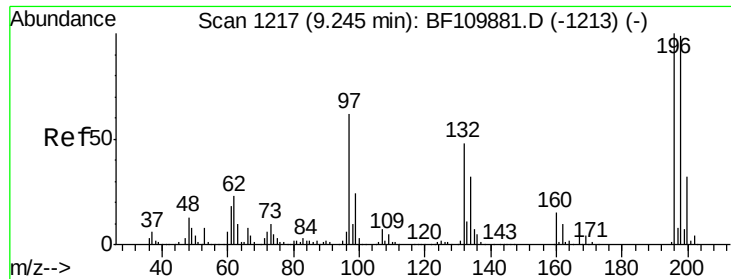
332 94.9 77.1 115.7

141 36.2 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

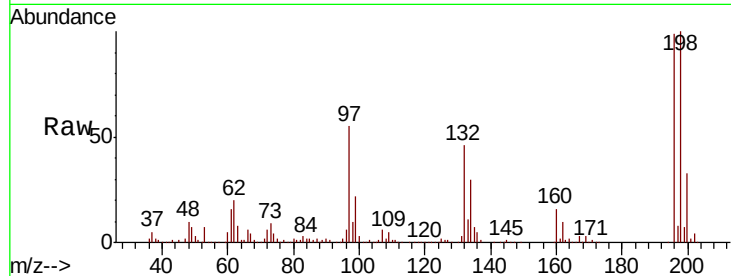




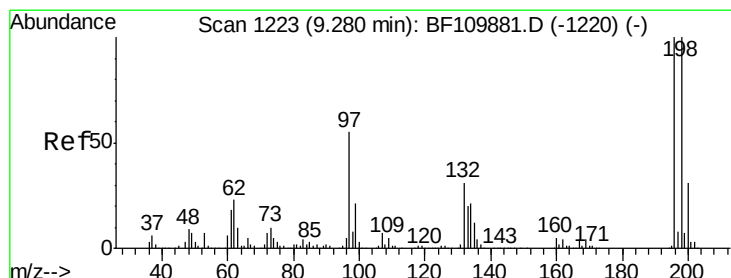
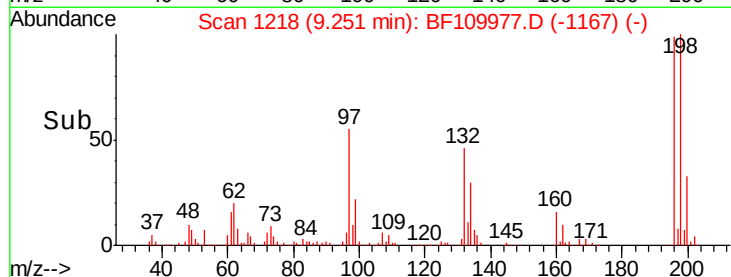
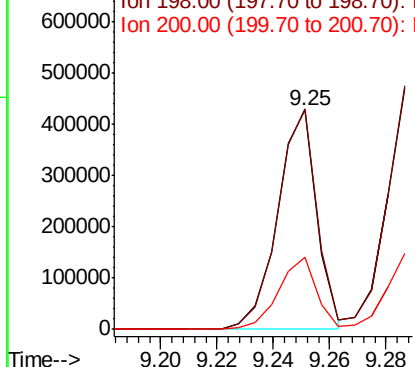
#43
 2,4,6-Trichlorophenol
 Concen: 48.679 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

Tot Ion:196 Resp: 408806
 Ion Ratio Lower Upper
 196 100
 198 100.7 76.2 114.4
 200 32.7 24.4 36.6



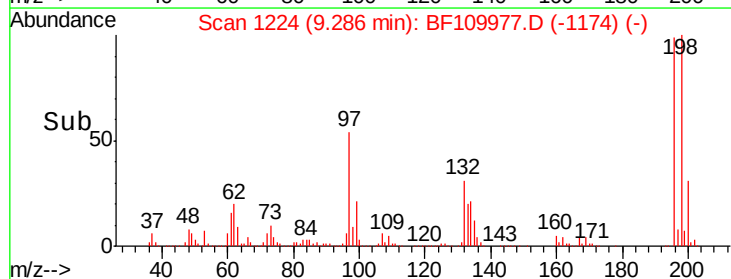
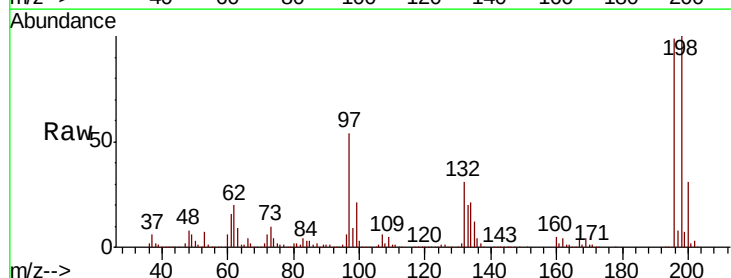
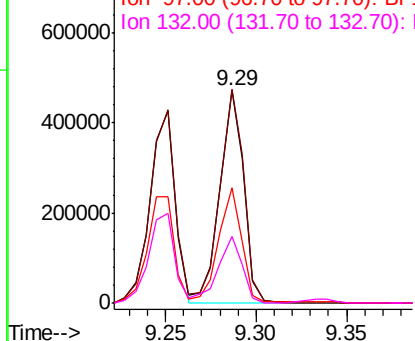
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

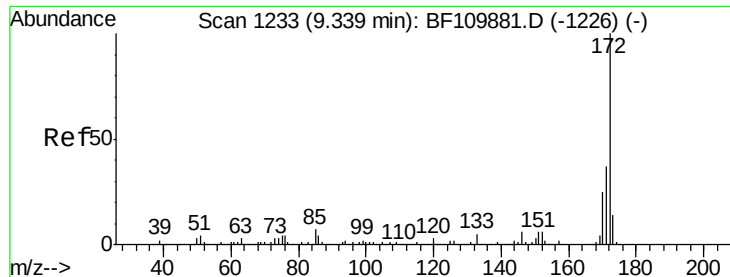


#44
 2,4,5-Trichlorophenol
 Concen: 49.044 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Tgt Ion:196 Resp: 427470
 Ion Ratio Lower Upper
 196 100
 198 100.8 75.8 113.6
 97 54.7 42.4 63.6
 132 31.7 22.8 34.2

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

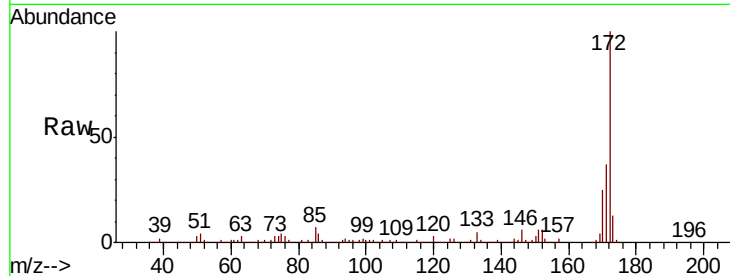




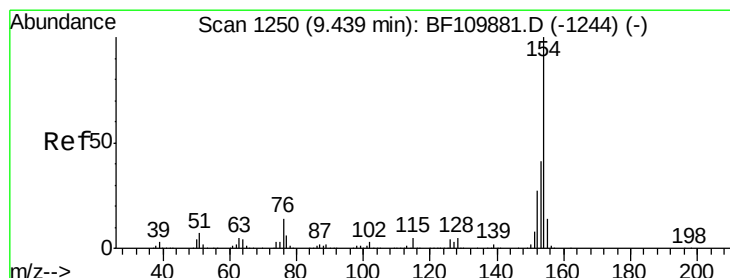
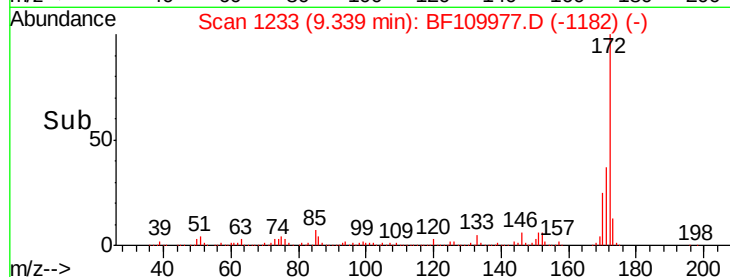
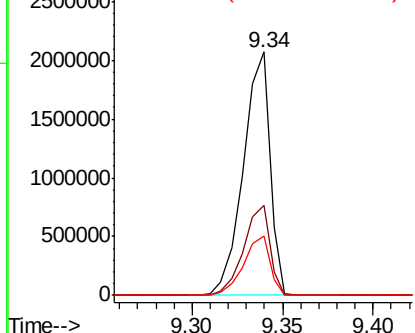
#45
2-Fluorobiphenyl
Concen: 77.689 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion:172 Resp: 2122984
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 24.6 19.7 29.5

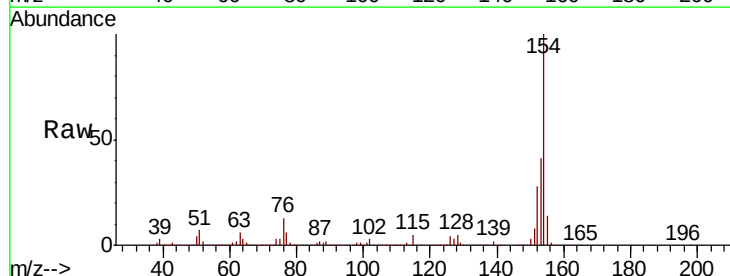


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

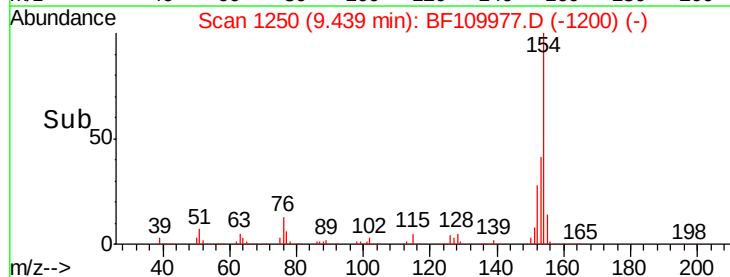
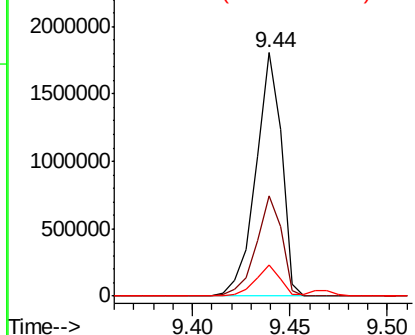


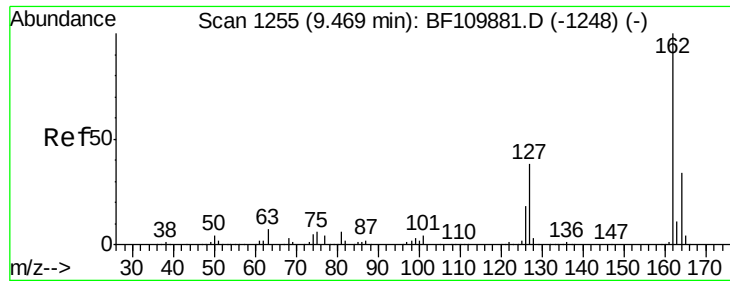
#46
1,1'-Biphenyl
Concen: 42.431 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt Ion:154 Resp: 1648428
Ion Ratio Lower Upper
154 100
153 41.3 20.4 60.4
76 12.7 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

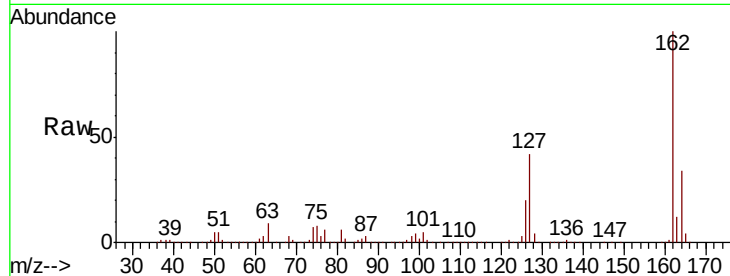




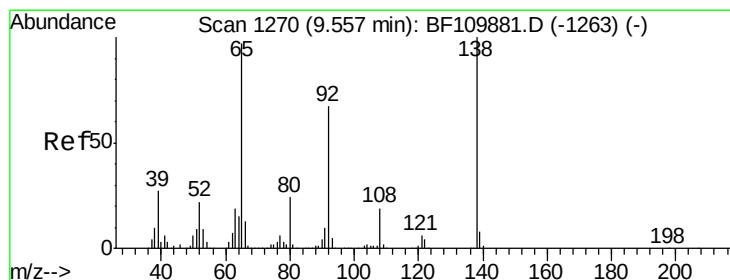
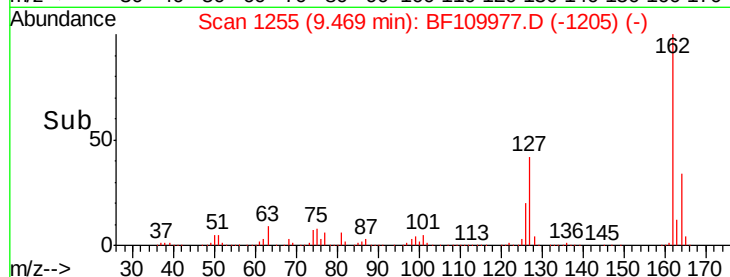
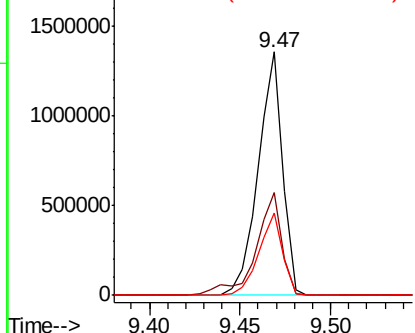
#47
 2-Chloronaphthalene
 Concen: 44.093 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

Tot Ion:162 Resp: 1261783
 Ion Ratio Lower Upper
 162 100
 127 42.2 32.6 48.8
 164 33.8 25.9 38.9

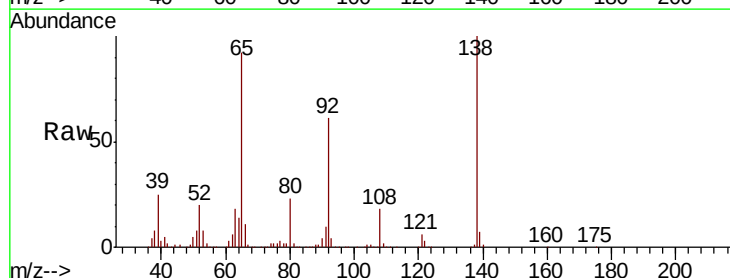


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

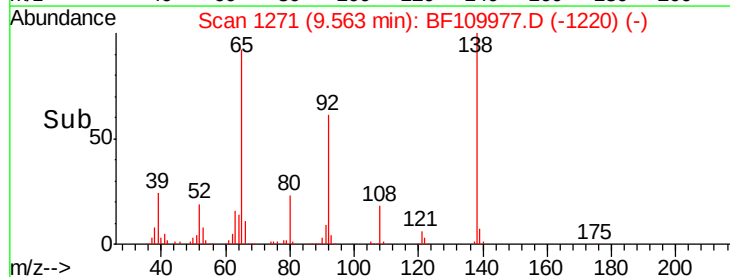
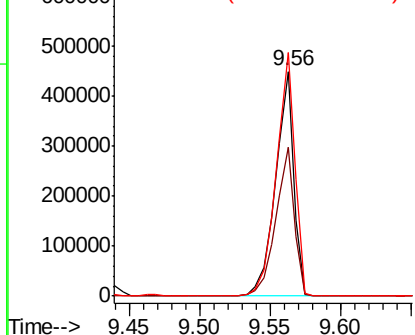


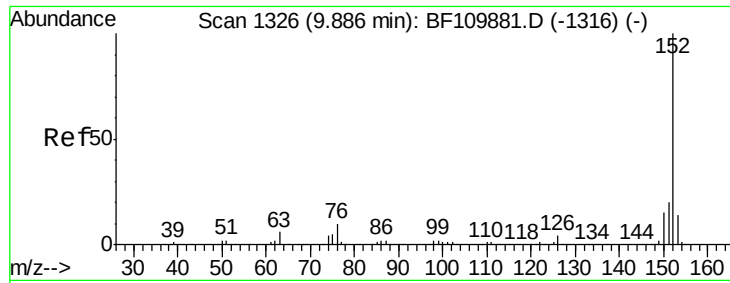
#48
 2-Nitroaniline
 Concen: 55.473 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Tgt Ion: 65 Resp: 407379
 Ion Ratio Lower Upper
 65 100
 92 66.5 54.6 81.8
 138 108.2 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: 47.807 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

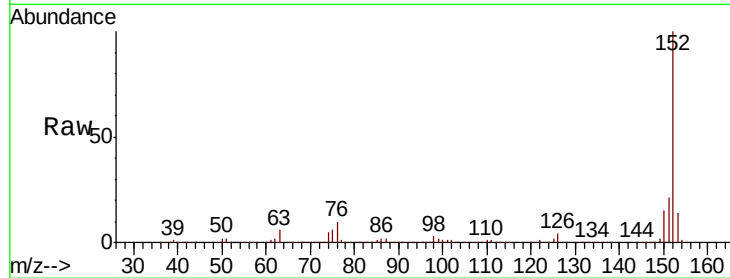
Tot Ion:152 Resp: 1987433

Ion Ratio Lower Upper

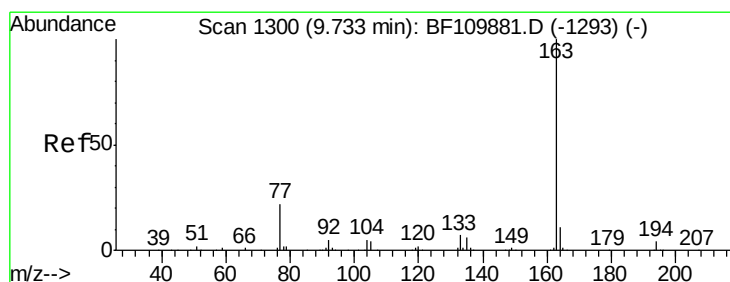
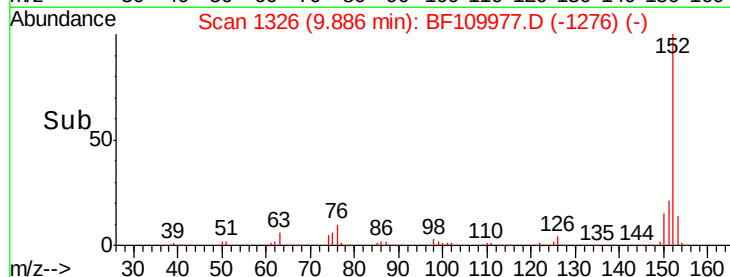
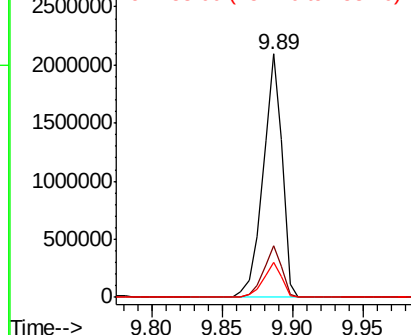
152 100

151 21.0 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: 48.319 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

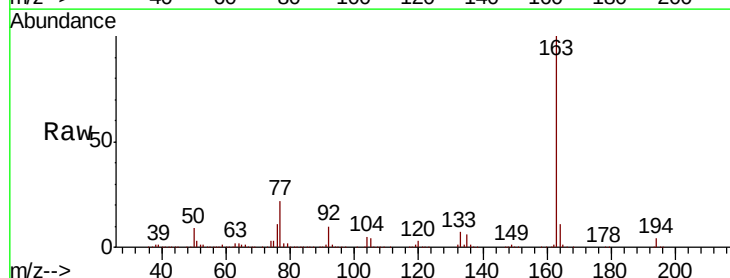
Tgt Ion:163 Resp: 1491868

Ion Ratio Lower Upper

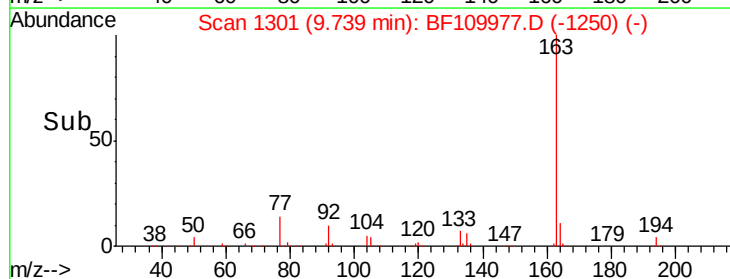
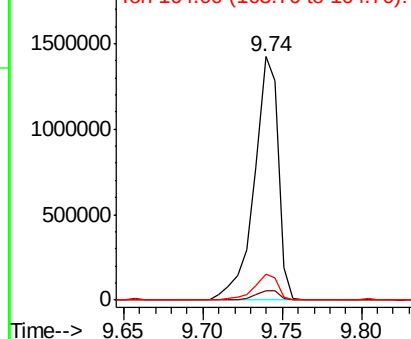
163 100

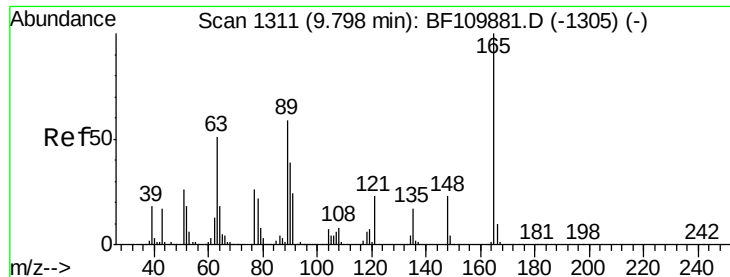
194 3.7 3.2 4.8

164 10.7 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

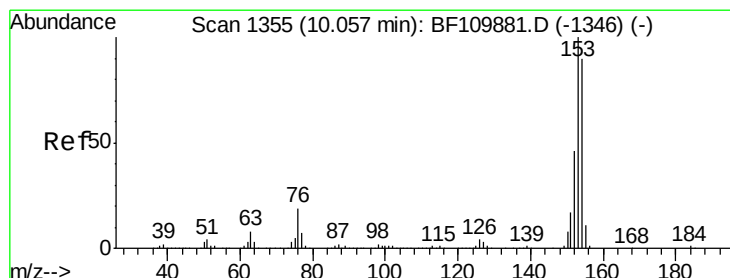
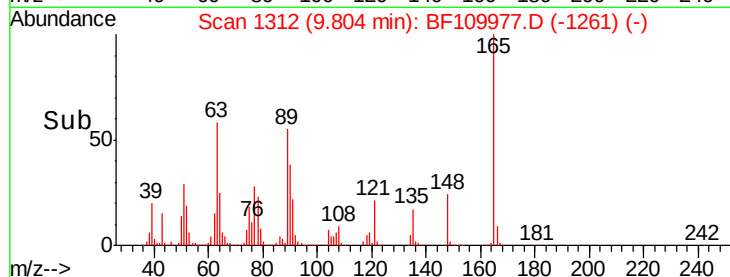
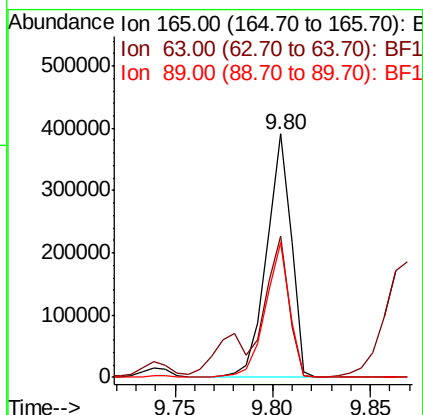
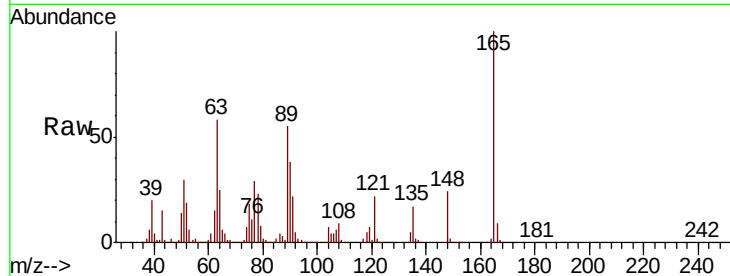




#51
 2,6-Dinitrotoluene
 Concen: 58.197 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

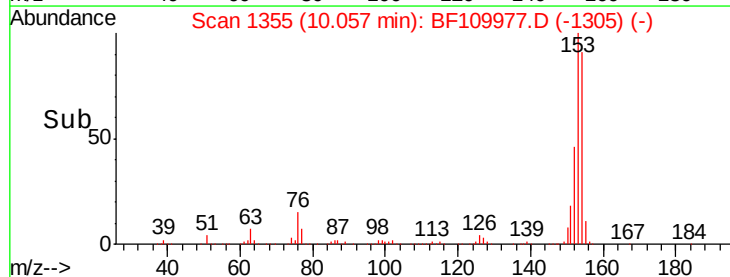
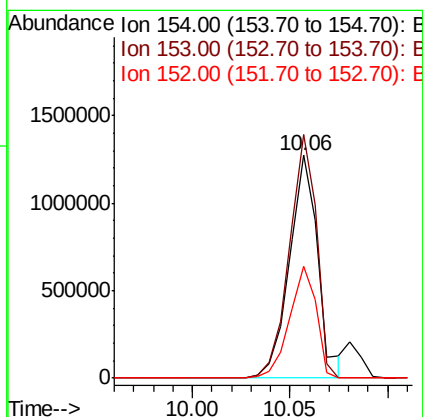
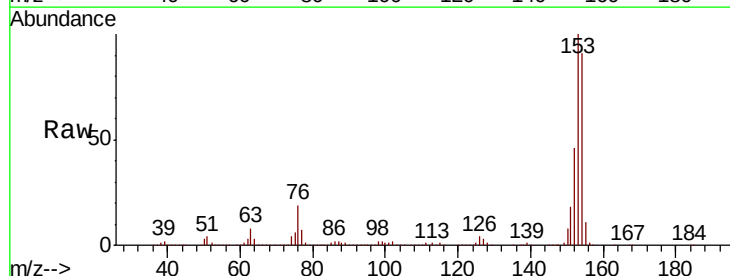
Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

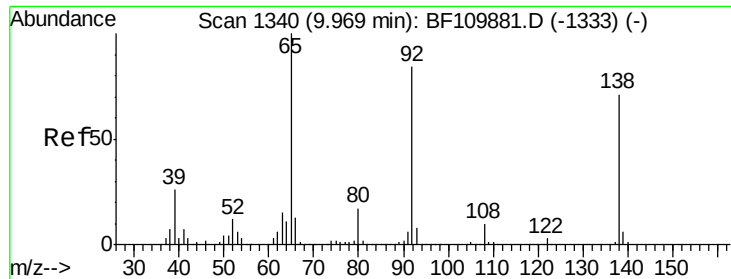
Tot Ion	165	Resp	341282
Ion Ratio	Lower	Upper	
165	100		
63	57.9	48.9	73.3
89	55.4	46.6	69.8



#52
 Acenaphthene
 Concen: 48.182 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Tgt Ion	154	Resp	1275206
Ion Ratio	Lower	Upper	
154	100		
153	109.4	90.1	135.1
152	50.5	43.4	65.2

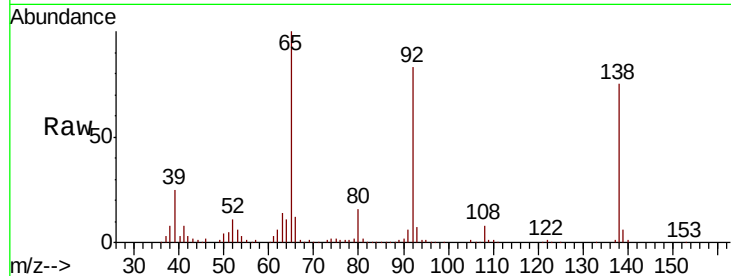




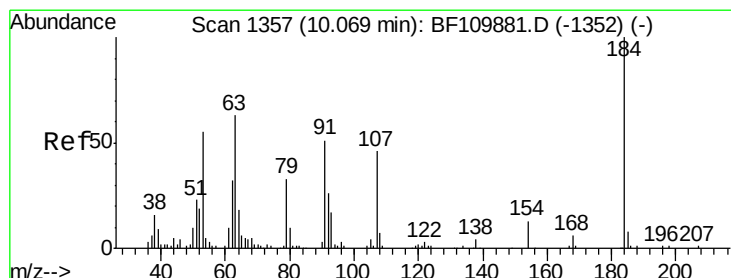
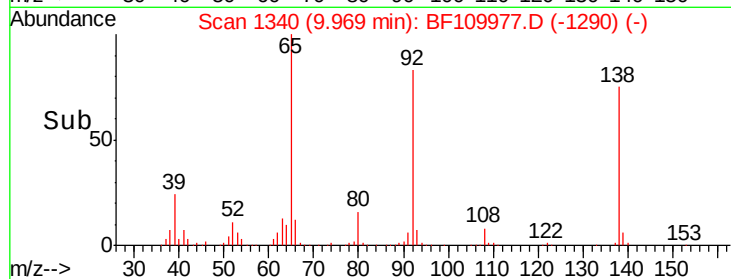
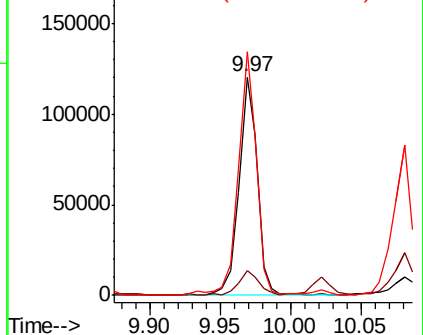
#53
3-Nitroaniline
Concen: 15.265 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion:138 Resp: 108896
Ion Ratio Lower Upper
138 100
108 11.3 8.7 13.1
92 111.6 97.0 145.4

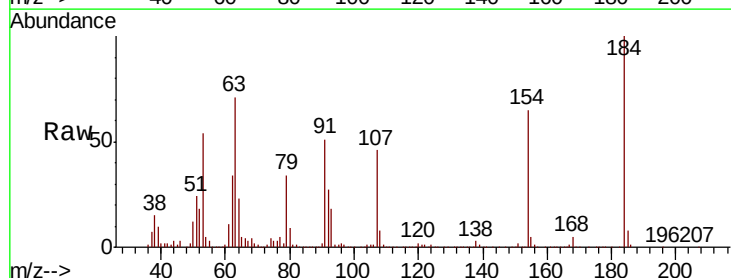


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

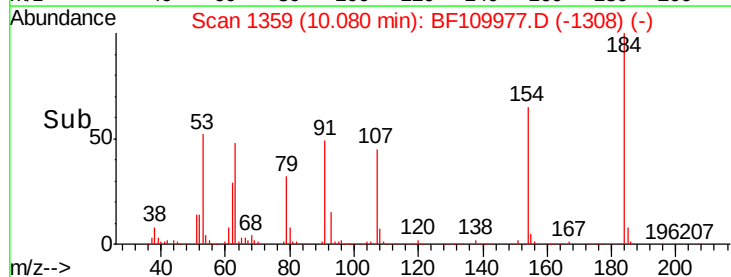
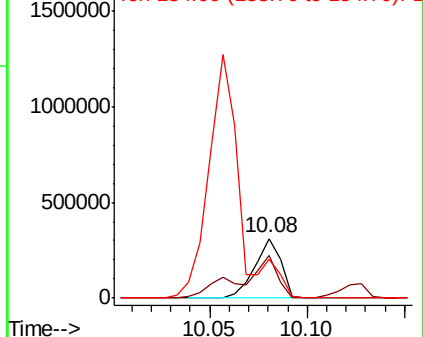


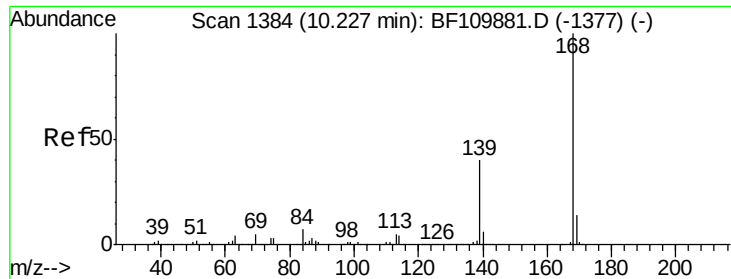
#54
2,4-Dinitrophenol
Concen: 146.499 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt Ion:184 Resp: 289250
Ion Ratio Lower Upper
184 100
63 71.1 55.8 83.6
154 65.5 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

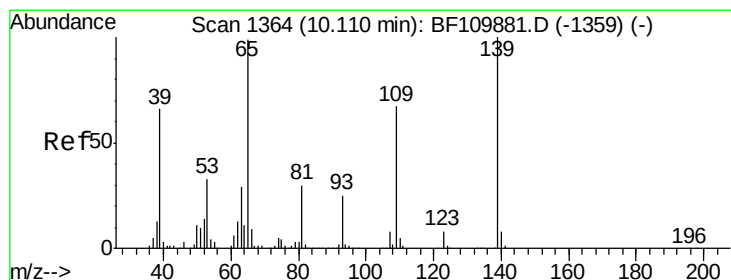
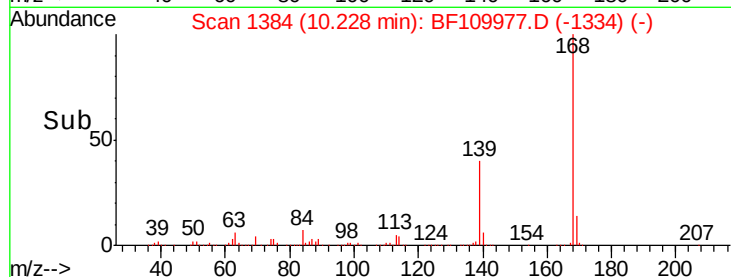
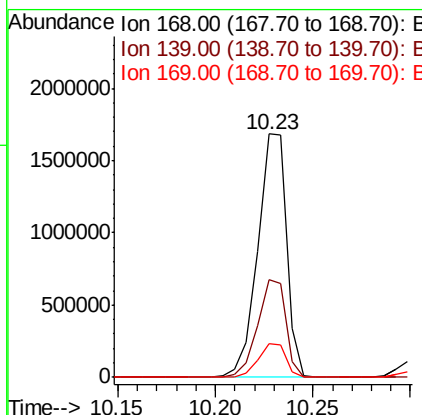
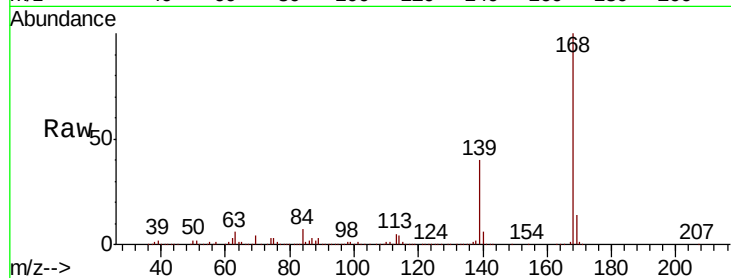




#55
Dibenzofuran
Concen: 45.670 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

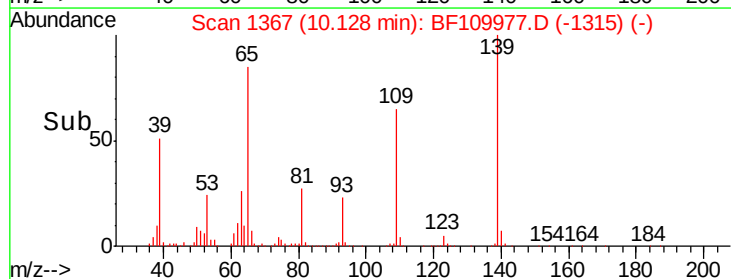
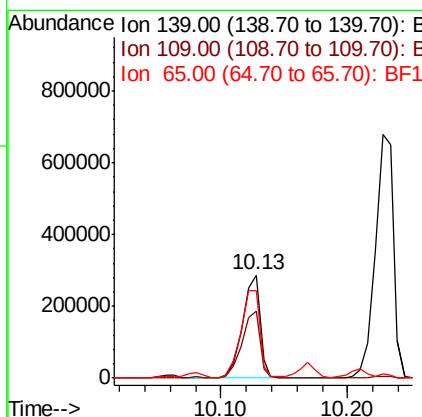
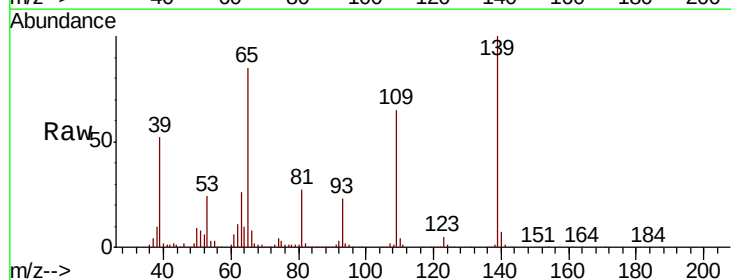
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

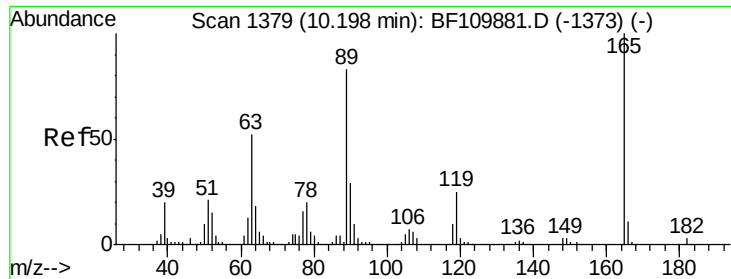
Tot Ion:168 Resp: 1723808
Ion Ratio Lower Upper
168 100
139 40.3 33.0 49.6
169 14.1 11.3 16.9



#56
4-Nitrophenol
Concen: 49.981 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt Ion:139 Resp: 272052
Ion Ratio Lower Upper
139 100
109 65.1 55.8 95.8
65 85.0 77.9 117.9

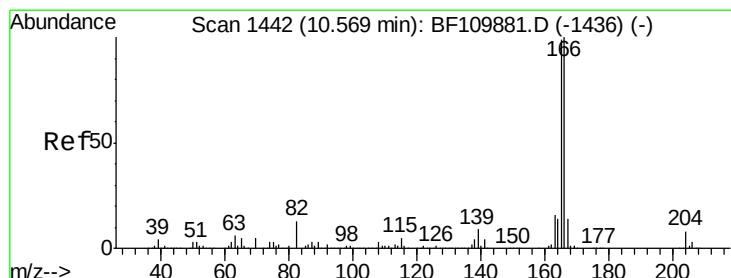
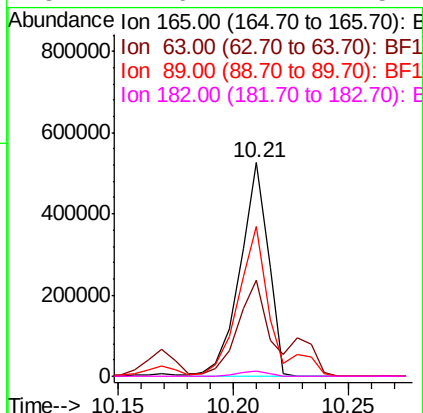
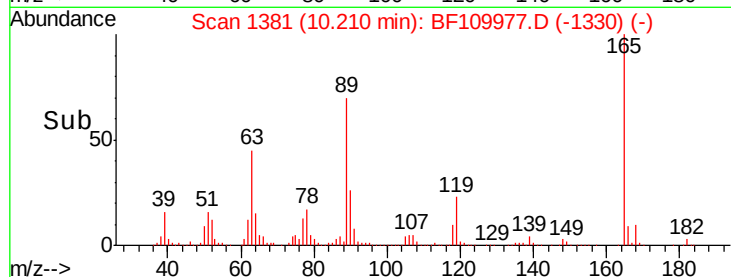
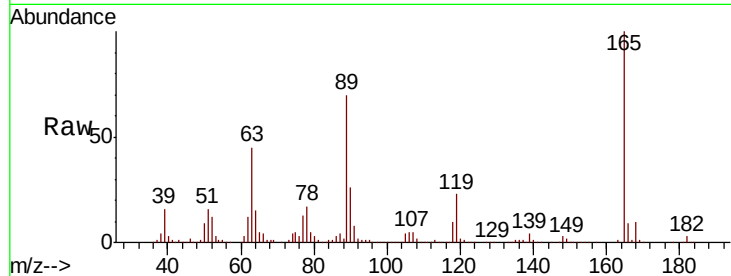




#57
2,4-Dinitrotoluene
Concen: 59.472 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

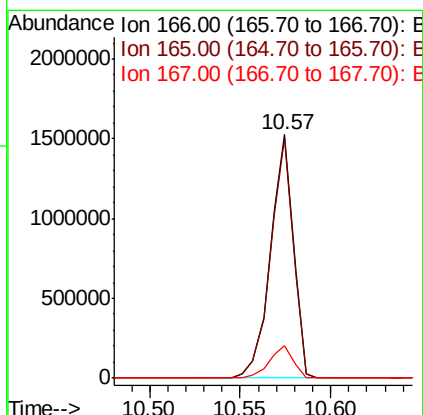
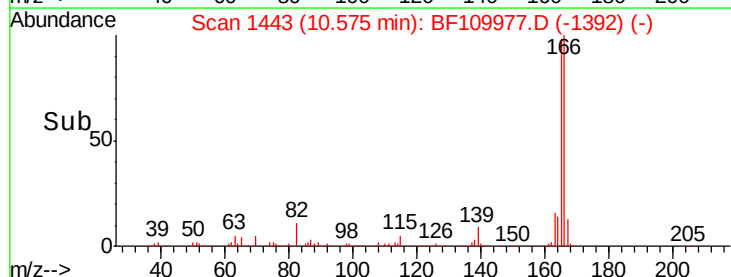
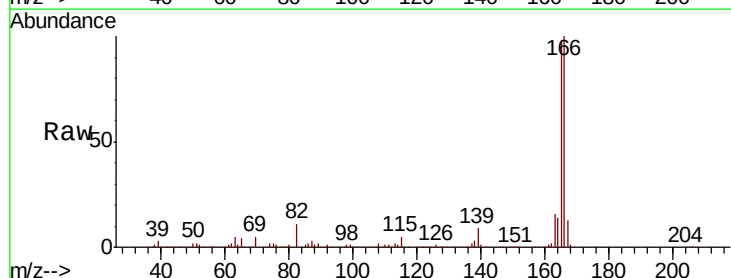
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

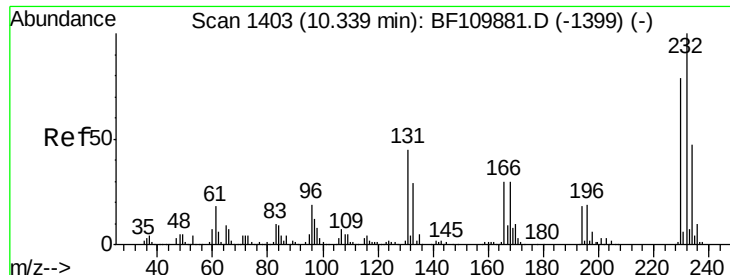
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.2	44.8	67.2
89	70.1	62.2	93.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 48.632 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	117.8
167	13.4	10.8	16.2

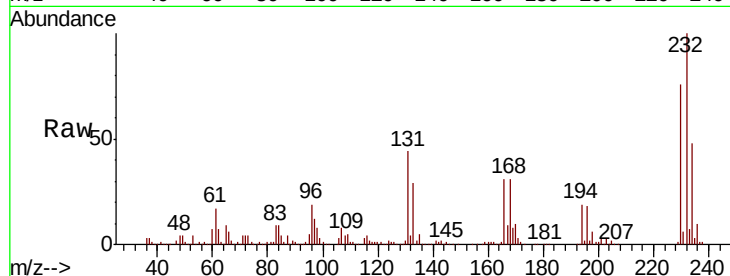




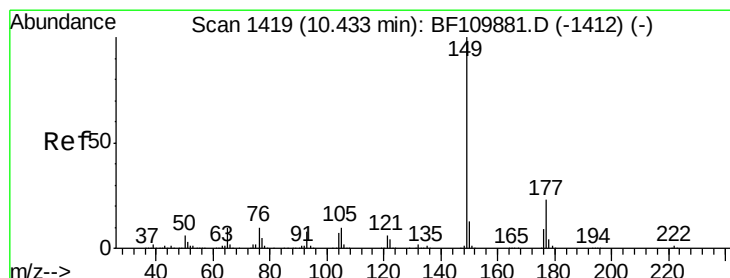
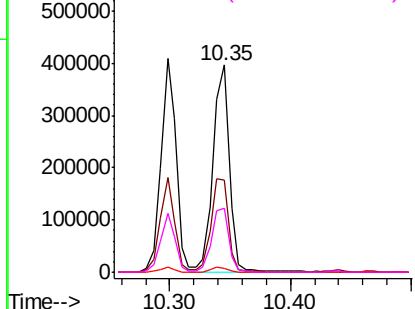
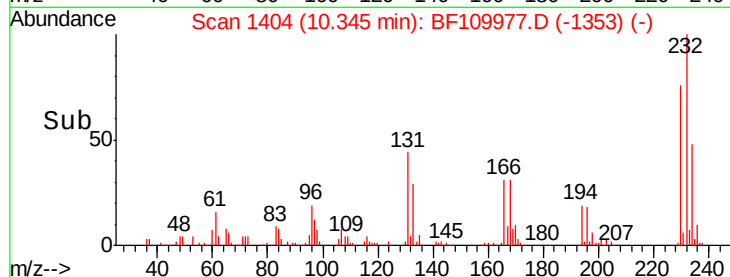
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.522 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

Tot Ion:232 Resp: 369713
 Ion Ratio Lower Upper
 232 100
 131 47.2 37.0 55.4
 130 2.5 1.8 2.6
 166 32.1 22.0 33.0

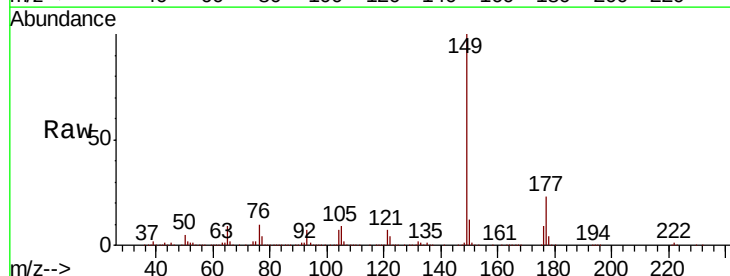


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

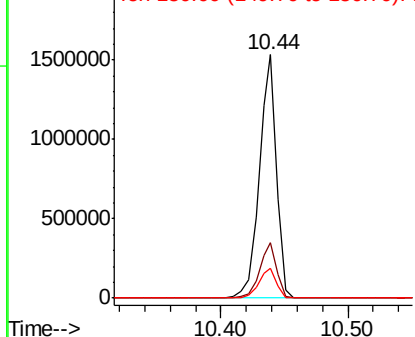
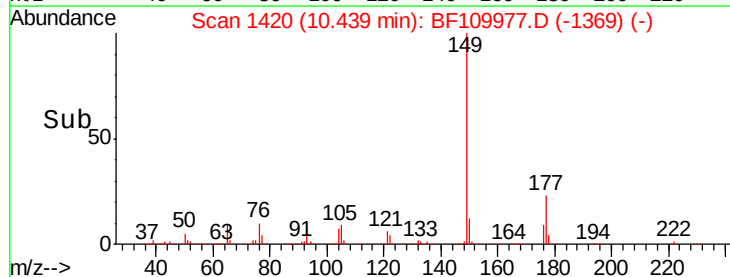


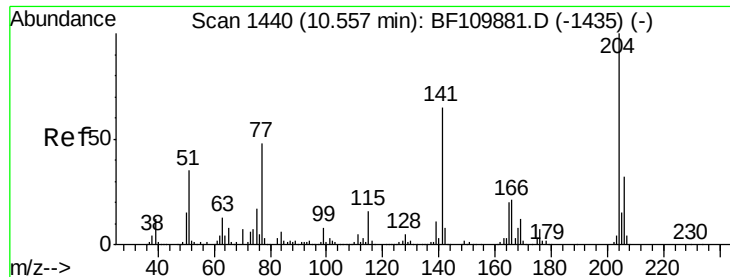
#60
 Diethylphthalate
 Concen: 47.618 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Tgt Ion:149 Resp: 1452095
 Ion Ratio Lower Upper
 149 100
 177 22.8 17.4 26.2
 150 12.4 9.8 14.8



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

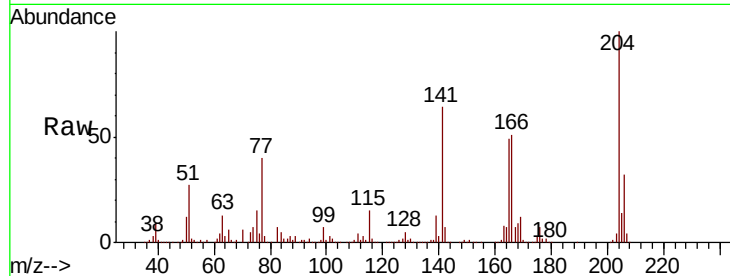




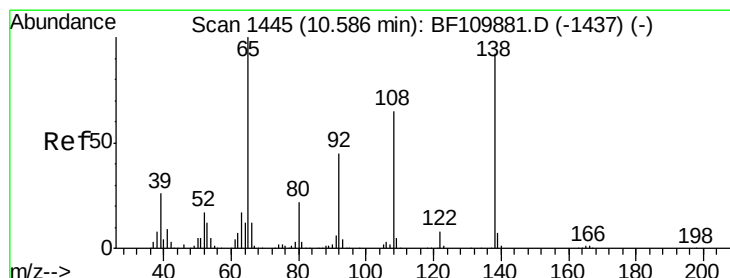
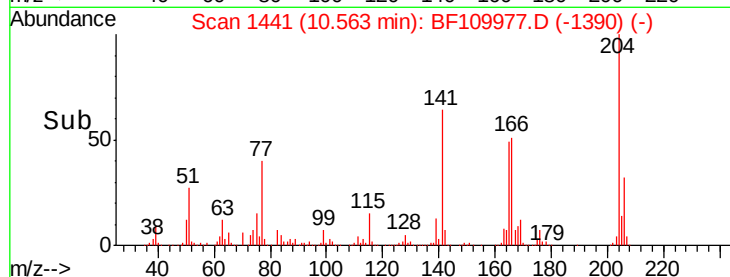
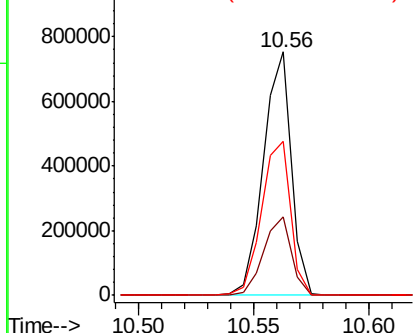
#61
4-Chlorophenyl-phenylether
Concen: 44.347 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion:204 Resp: 634735
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 63.5 51.8 77.8

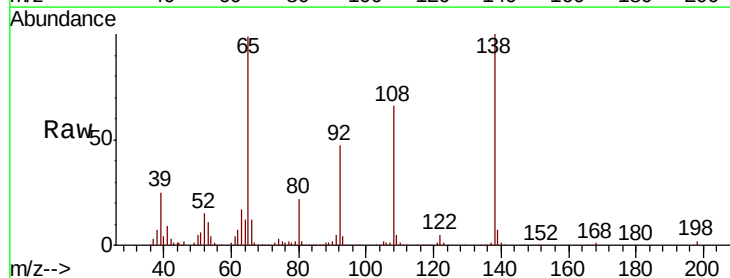


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

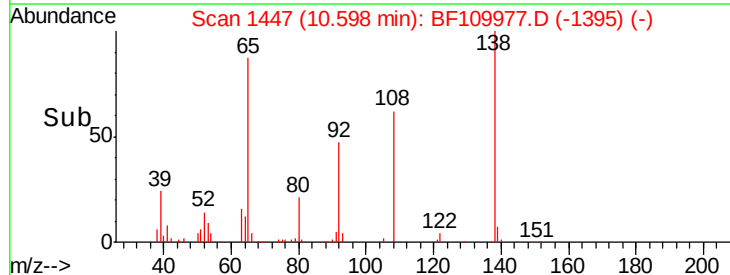
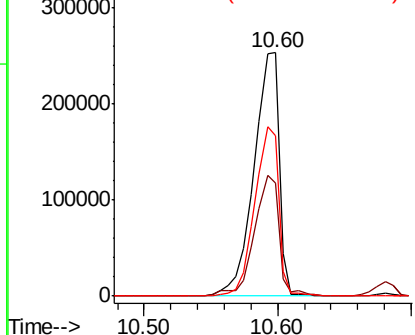


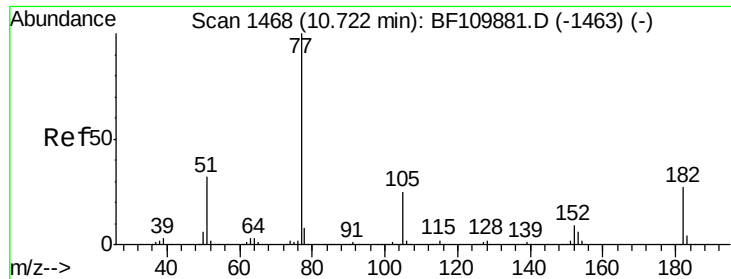
#62
4-Nitroaniline
Concen: 48.794 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt Ion:138 Resp: 329488
Ion Ratio Lower Upper
138 100
92 46.7 31.7 71.7
108 65.7 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

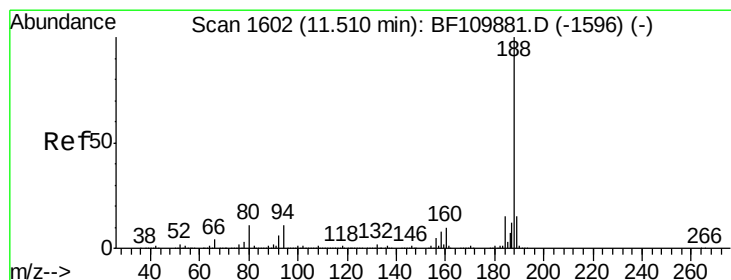
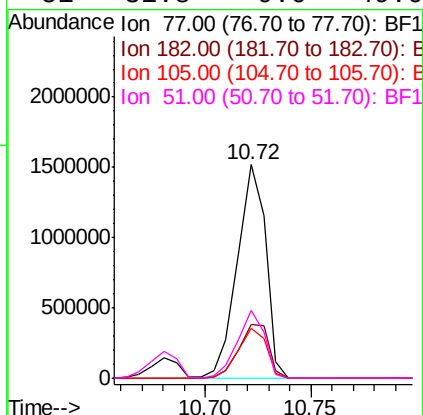
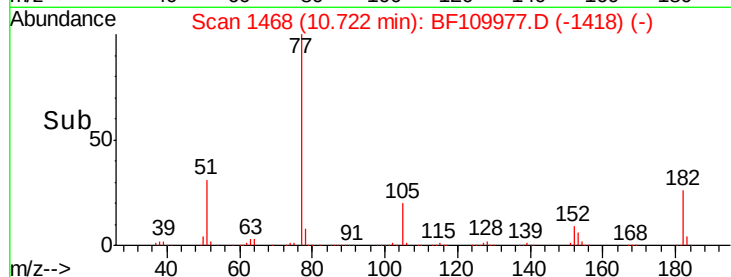
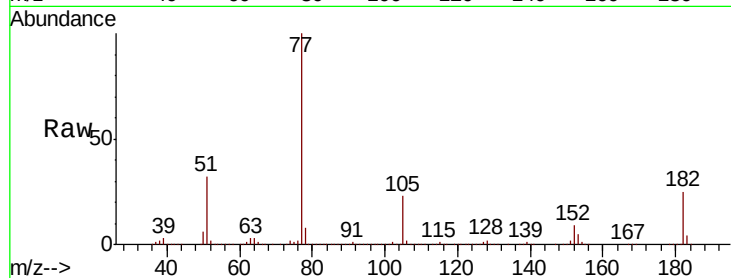




#63
Azobenzene
Concen: 44.536 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

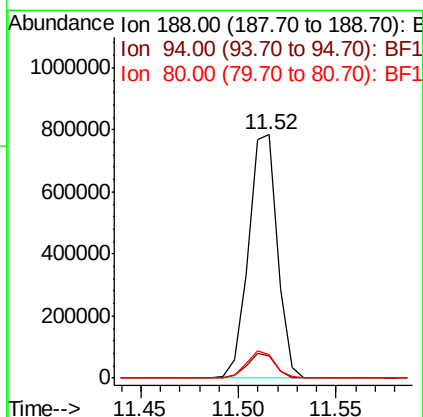
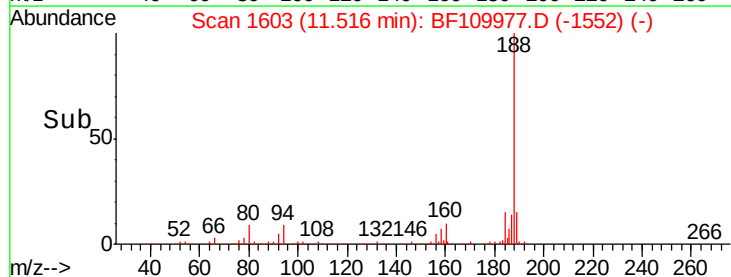
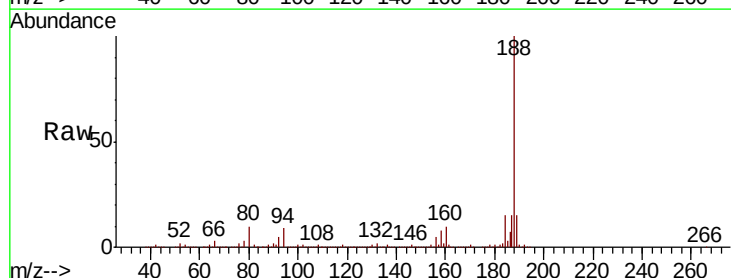
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

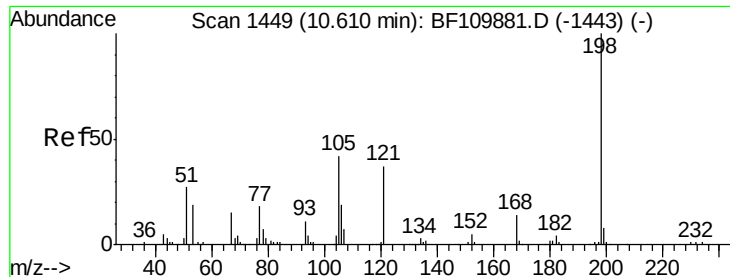
Tot Ion: 77 Resp: 1418804
Ion Ratio Lower Upper
77 100
182 25.2 4.3 44.3
105 23.1 1.3 41.3
51 31.8 9.0 49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt Ion: 188 Resp: 805453
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.6 7.9 11.9

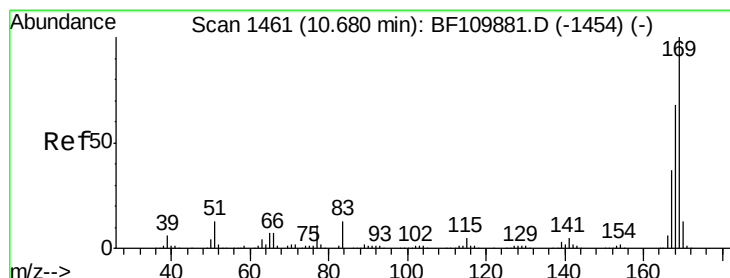
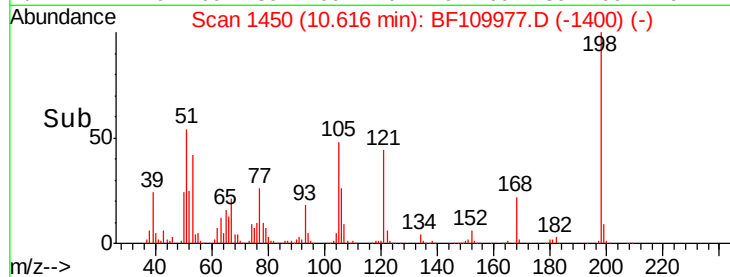
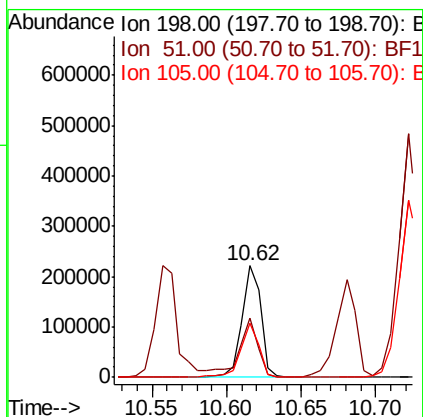
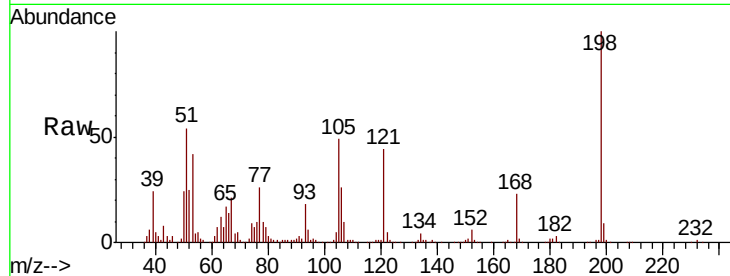




#65
 4,6-Dinitro-2-methylphenol
 Concen: 63.501 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

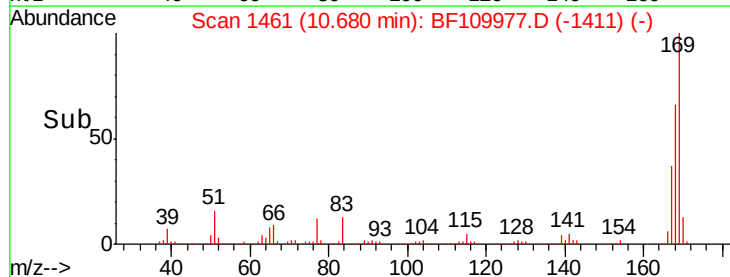
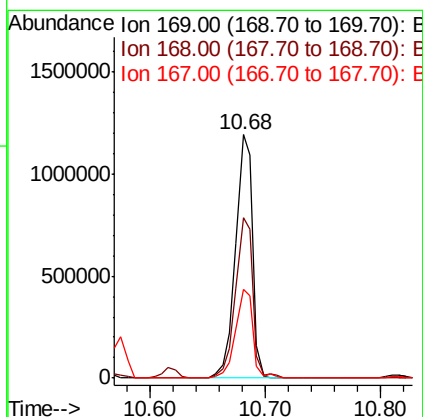
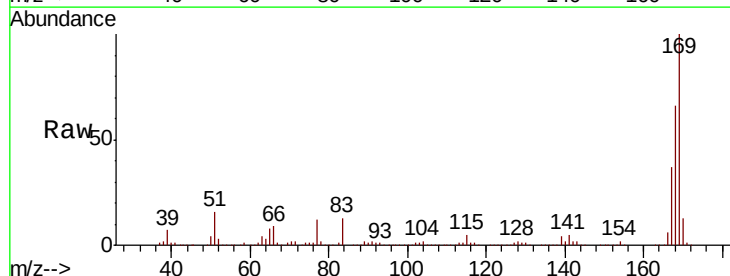
Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

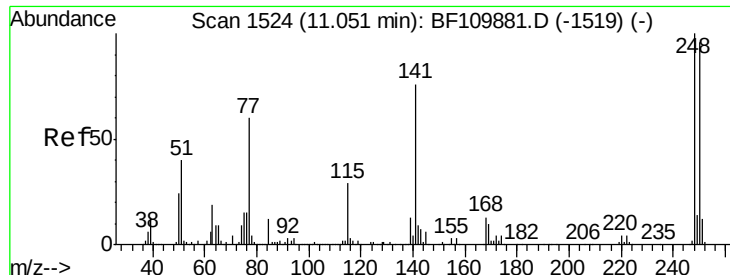
Tot Ion:198 Resp: 194212
 Ion Ratio Lower Upper
 198 100
 51 53.7 22.8 62.8
 105 48.7 23.6 63.6



#66
 n-Nitrosodiphenylamine
 Concen: 45.194 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Tgt Ion:169 Resp: 1212400
 Ion Ratio Lower Upper
 169 100
 168 66.1 51.2 76.8
 167 36.6 27.8 41.6

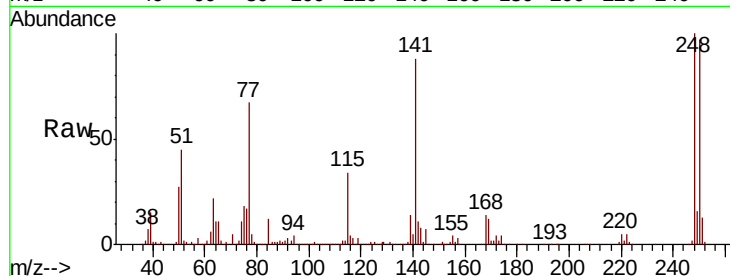




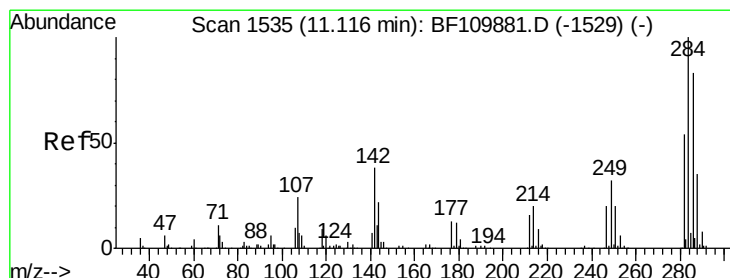
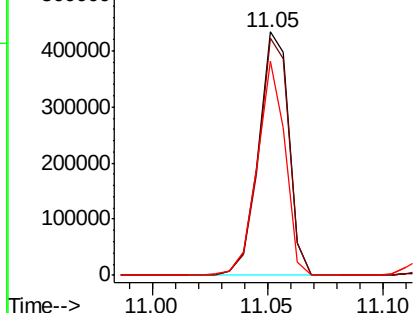
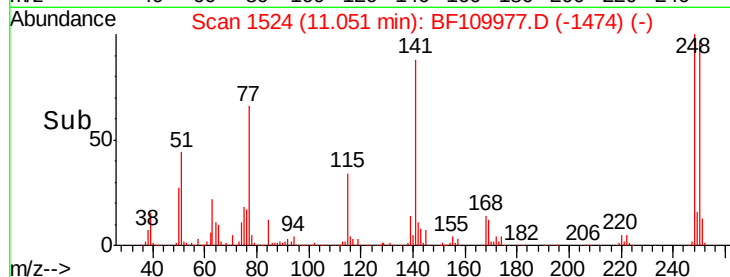
#67
4-Bromophenyl-phenylether
Concen: 45.503 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion:248 Resp: 397198
Ion Ratio Lower Upper
248 100
250 97.2 79.4 119.2
141 87.8 55.9 83.9#

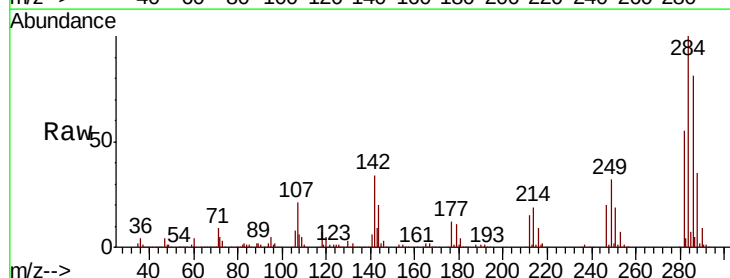


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

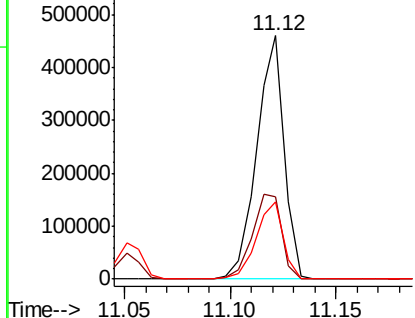
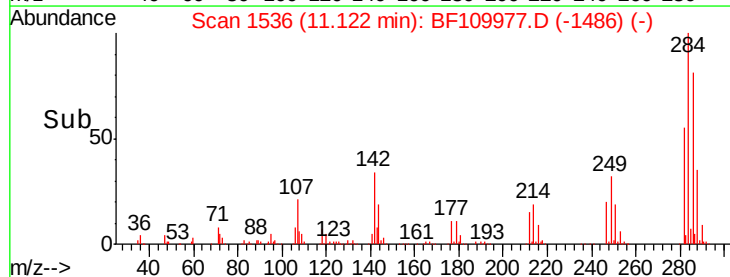


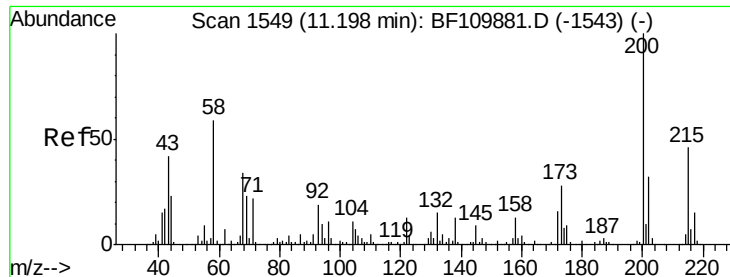
#68
Hexachlorobenzene
Concen: 44.583 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt Ion:284 Resp: 414994
Ion Ratio Lower Upper
284 100
142 34.0 23.9 35.9
249 31.6 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

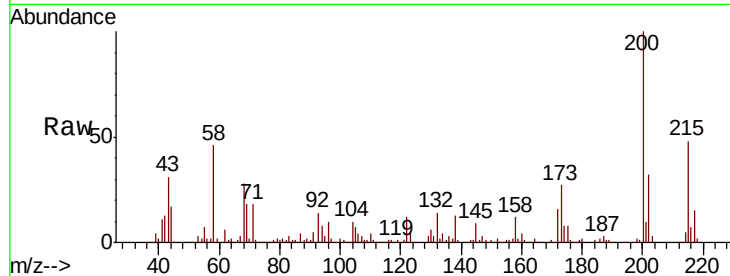




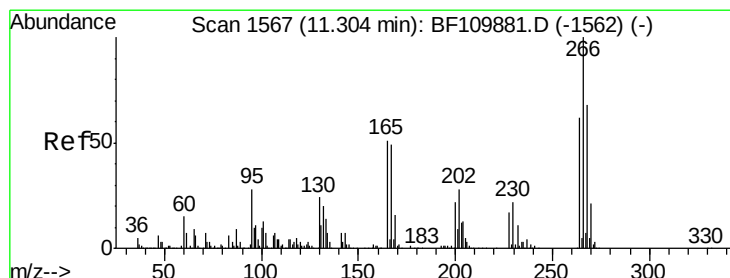
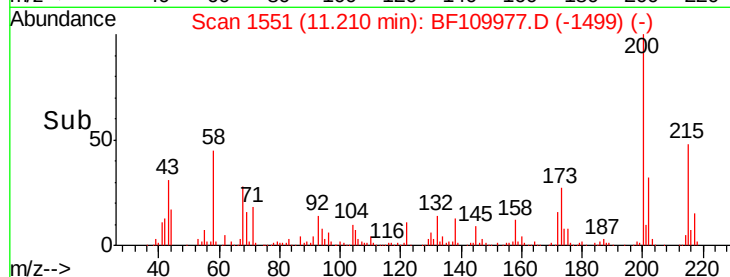
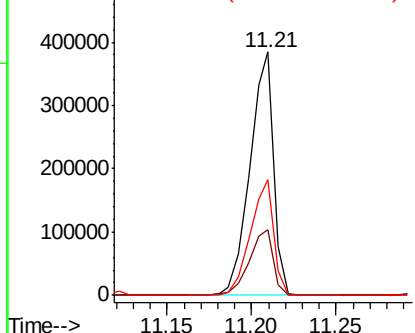
#69
Atrazine
Concen: 44.833 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion:200 Resp: 375682
Ion Ratio Lower Upper
200 100
173 27.0 6.6 46.6
215 47.7 26.3 66.3

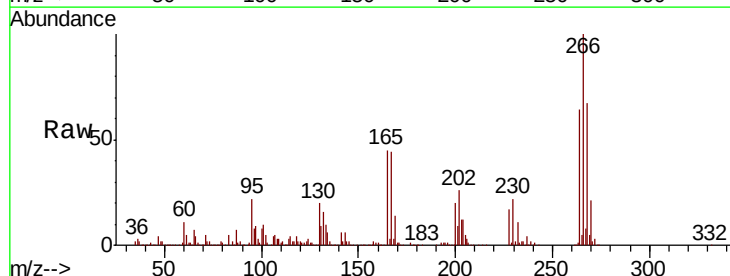


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

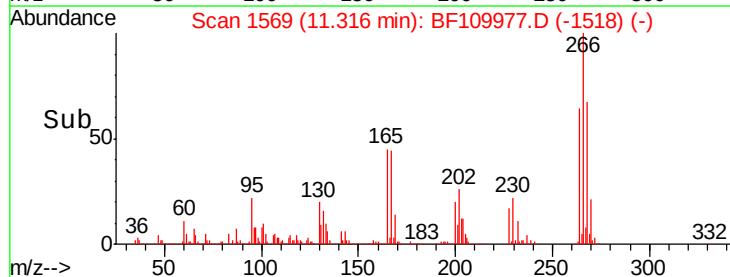
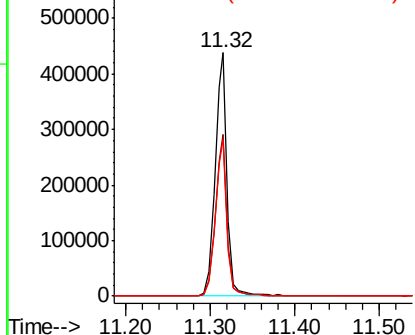


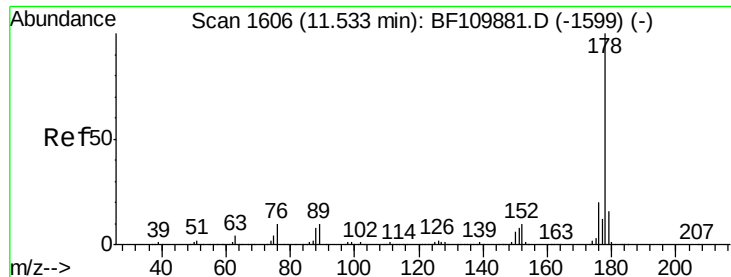
#70
Pentachlorophenol
Concen: 83.547 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt Ion:266 Resp: 442585
Ion Ratio Lower Upper
266 100
268 66.5 50.6 75.8
264 64.1 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

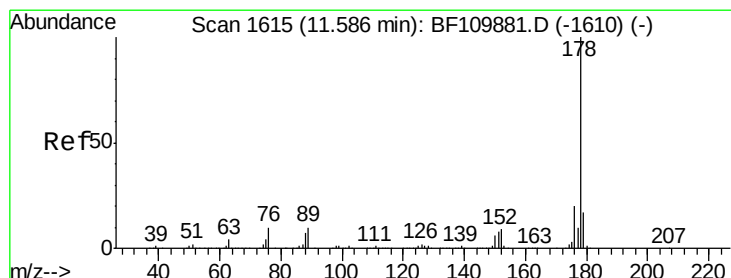
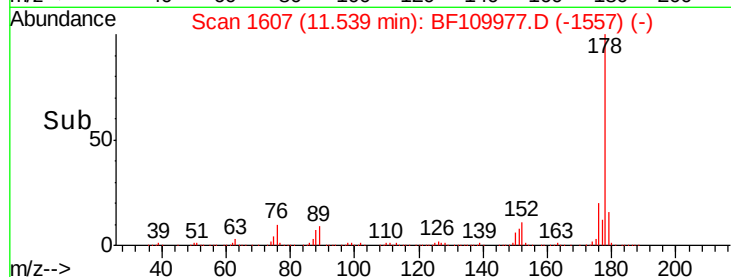
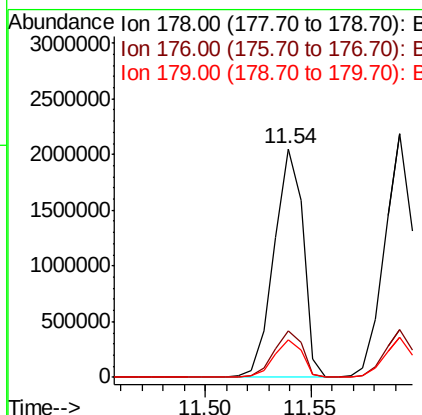
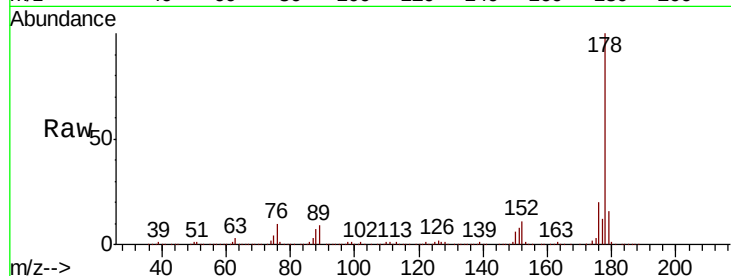




#71
Phenanthrene
Concen: 47.038 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

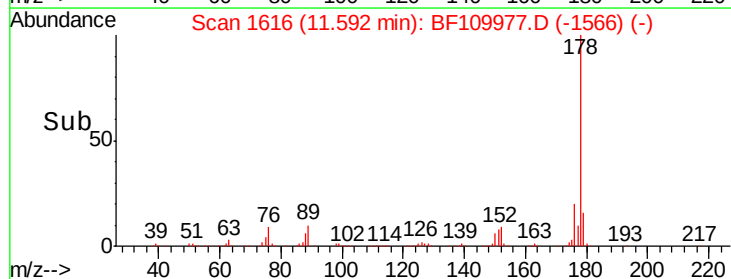
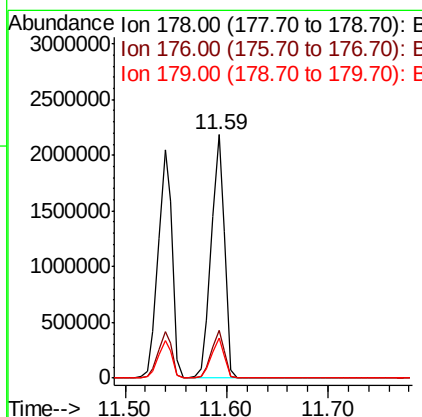
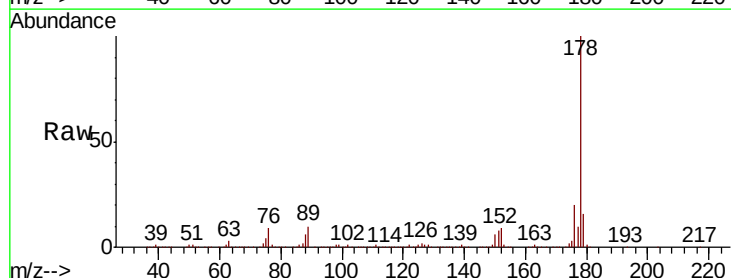
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

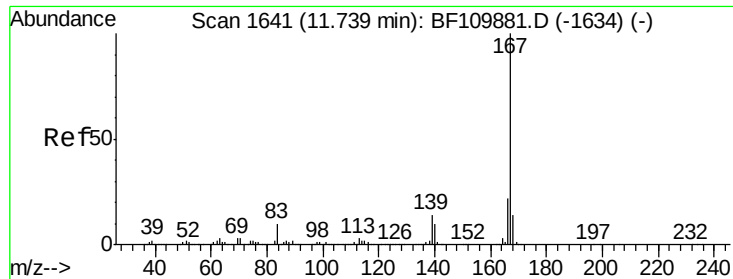
Tot Ion:178 Resp: 1961413
Ion Ratio Lower Upper
178 100
176 20.3 15.5 23.3
179 16.4 12.5 18.7



#72
Anthracene
Concen: 47.673 ng
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt Ion:178 Resp: 1998558
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 16.3 12.6 18.8



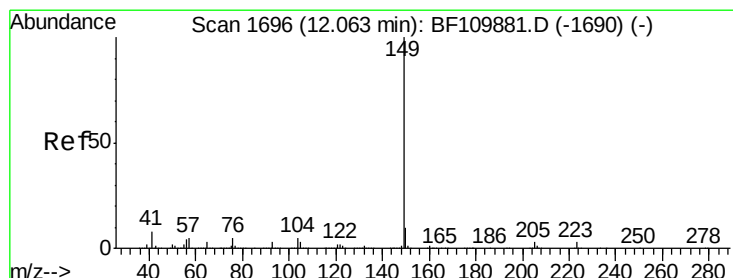
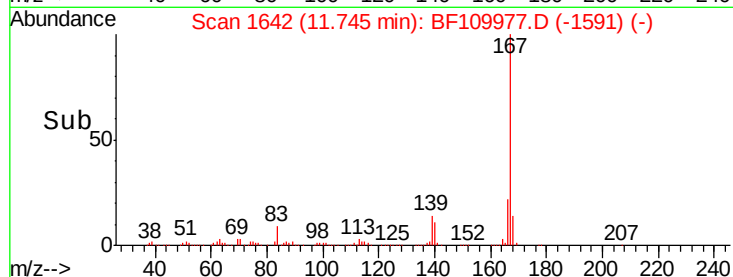
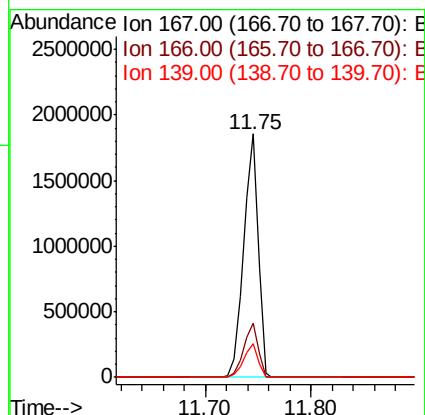
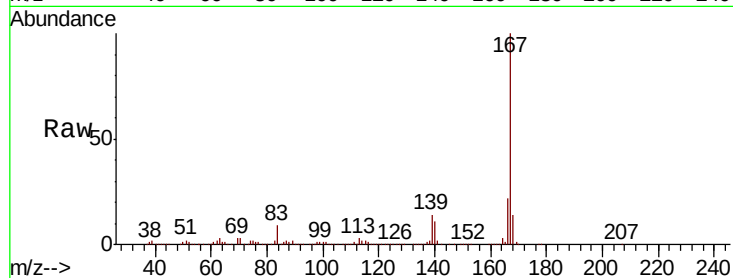


#73
 Carbazole
 Concen: 41.939 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

Tot Ion:167 Resp: 1727923

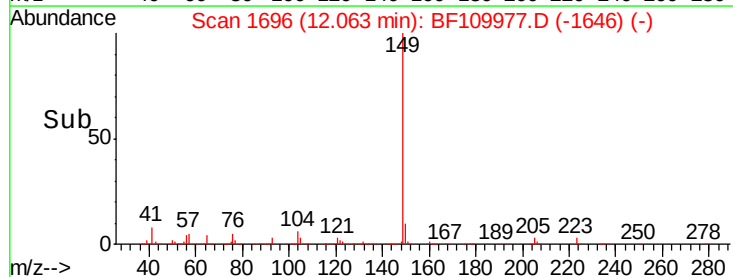
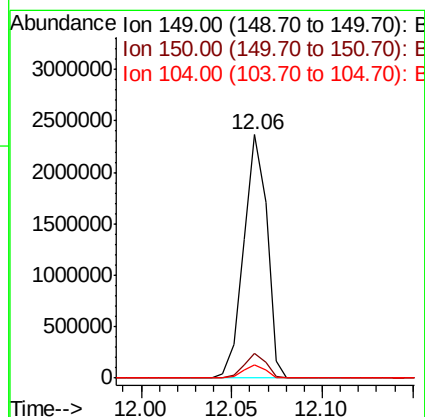
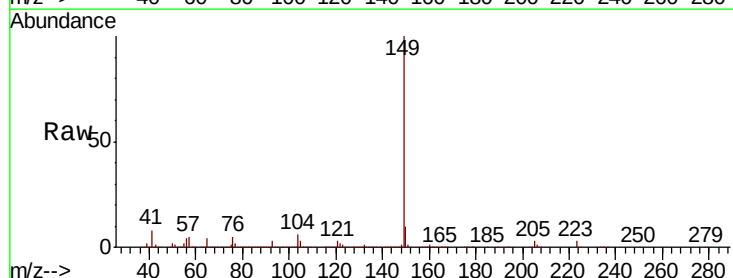
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.0
139	13.6	10.9	16.3

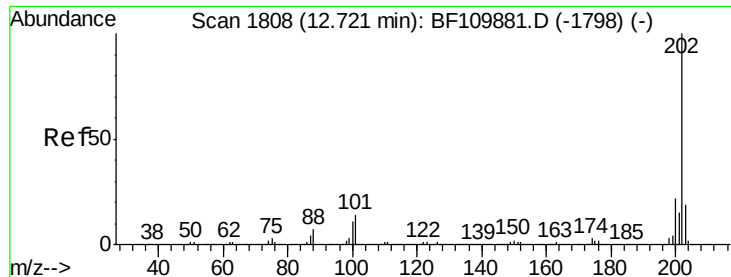


#74
 Di-n-butylphthalate
 Concen: 45.874 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Tgt Ion:149 Resp: 2109315

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.5	4.2	6.4





#75

Fluoranthene

Concen: 44.809 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

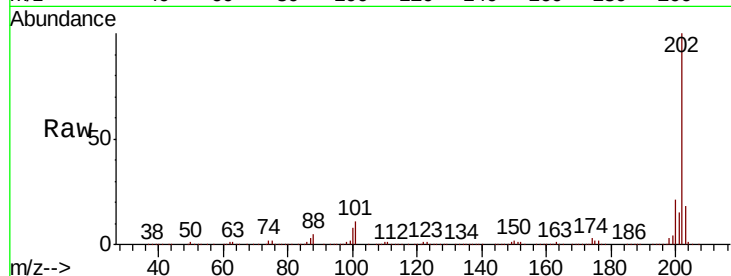
Tot Ion:202 Resp: 1866583

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.4

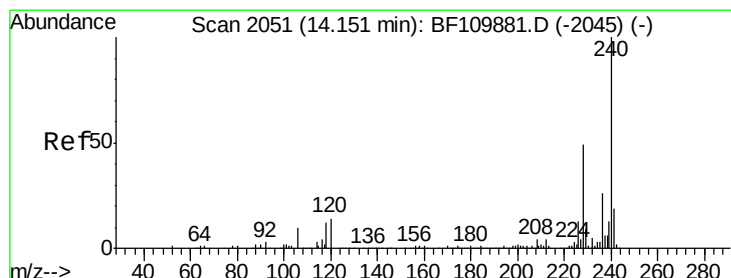
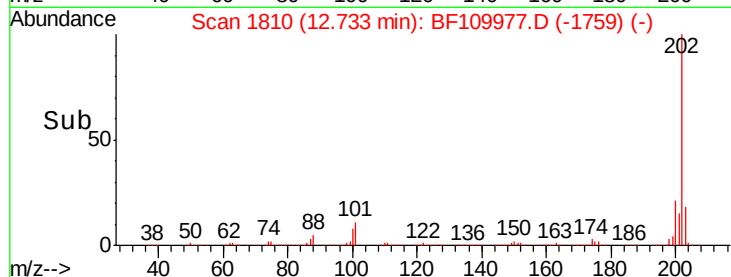
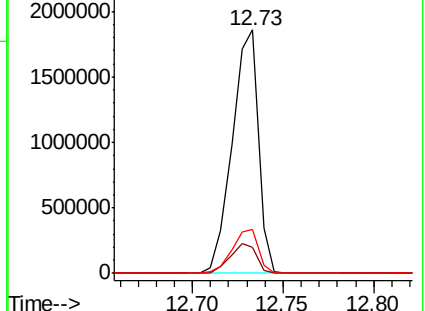
203 18.0 0.0 37.7



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: BF109977.D

Acq: 18 Oct 2018 23:41

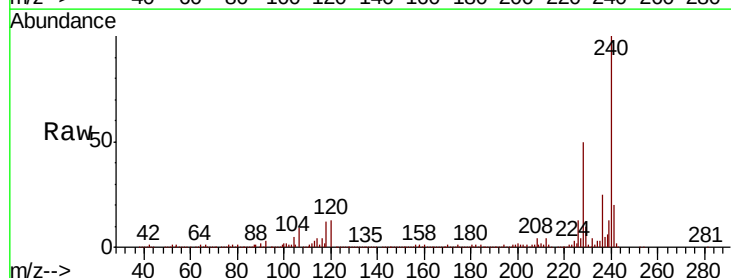
Tgt Ion:240 Resp: 453857

Ion Ratio Lower Upper

240 100

120 13.2 8.3 12.5#

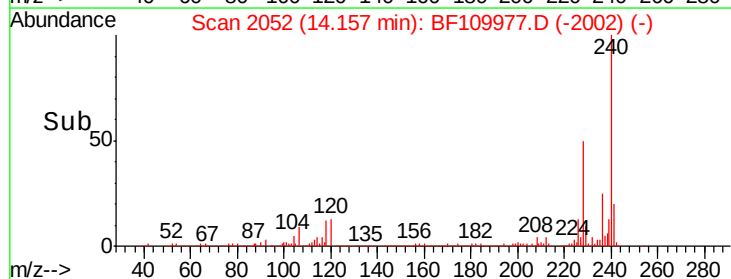
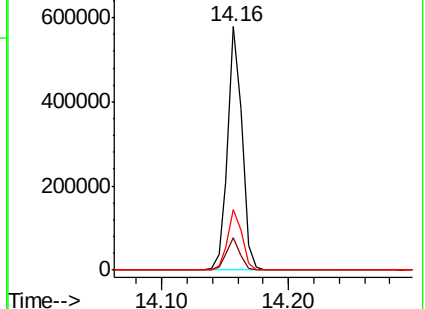
236 25.1 21.2 31.8

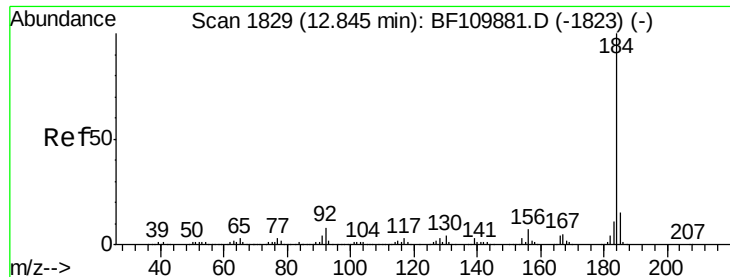


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 16.574 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

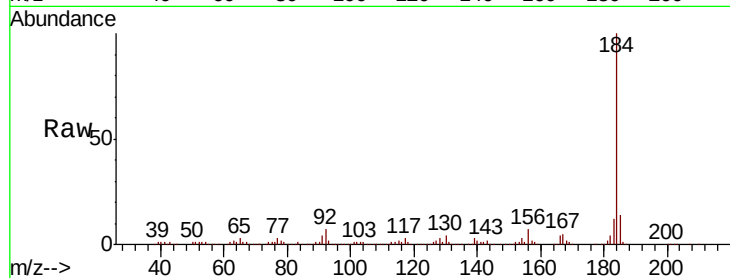
Tot Ion:184 Resp: 288414

Ion Ratio Lower Upper

184 100

185 14.0 13.4 20.2

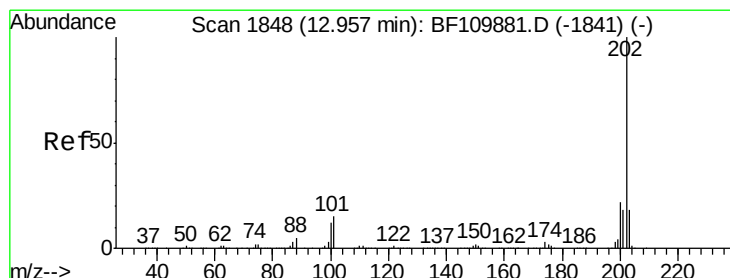
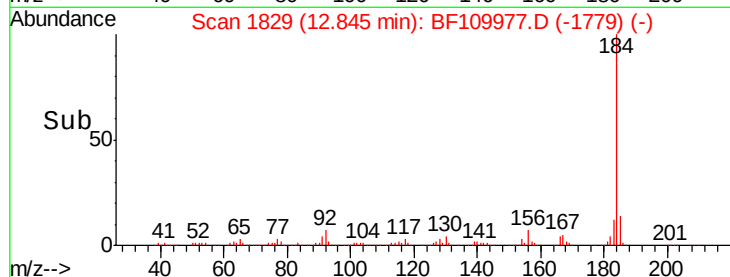
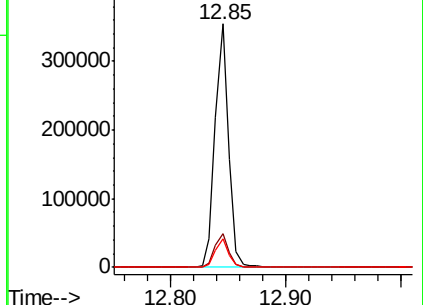
183 12.0 9.4 14.2



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: 54.658 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

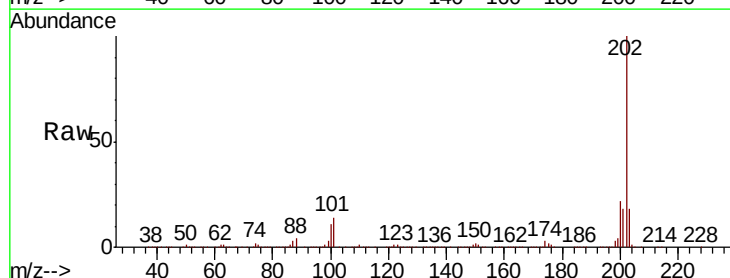
Tgt Ion:202 Resp: 1821986

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.6

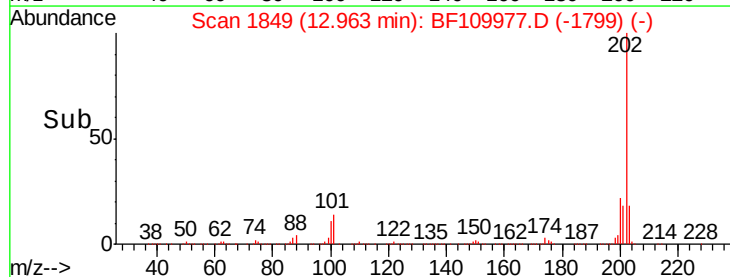
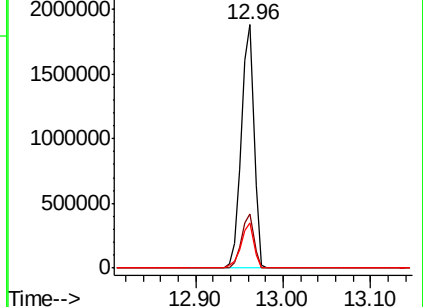
203 18.3 14.2 21.4

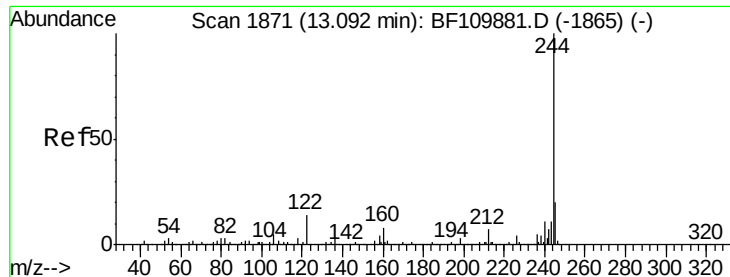


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

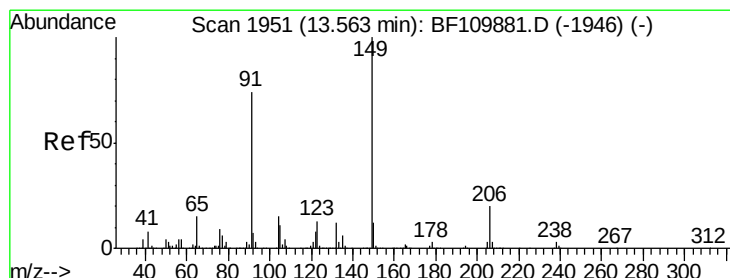
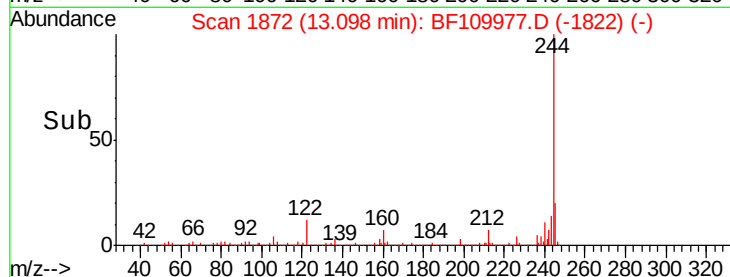
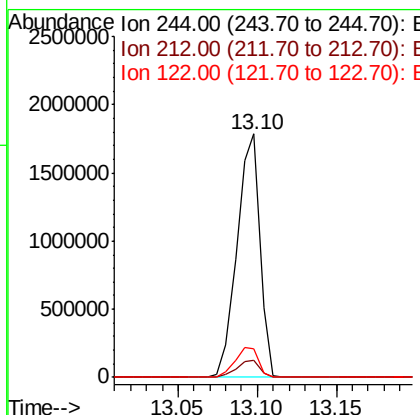
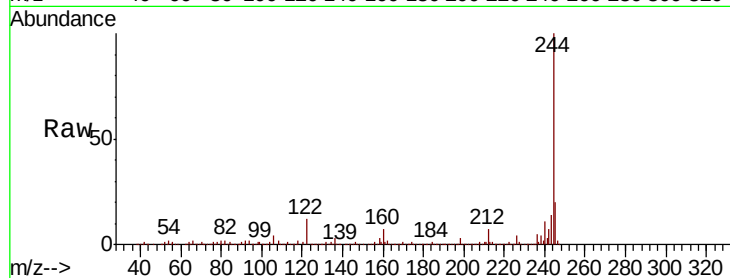




#79
 Terphenyl-d14
 Concen: 82.207 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

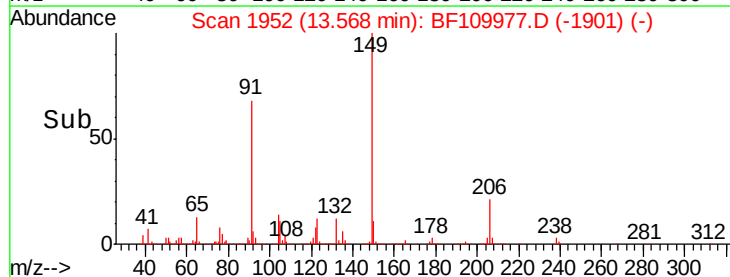
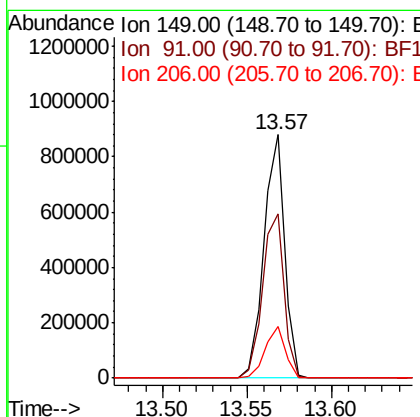
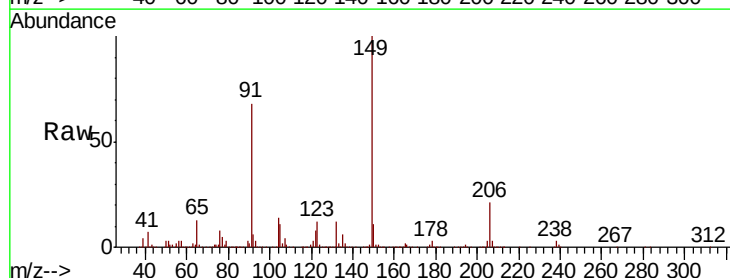
Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

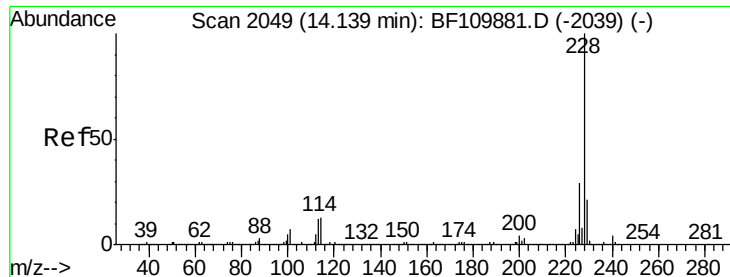
Tot Ion:244 Resp: 1776737
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 11.5 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 55.262 ng
 RT: 13.57 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Tgt Ion:149 Resp: 744748
 Ion Ratio Lower Upper
 149 100
 91 67.7 57.2 85.8
 206 21.0 15.7 23.5

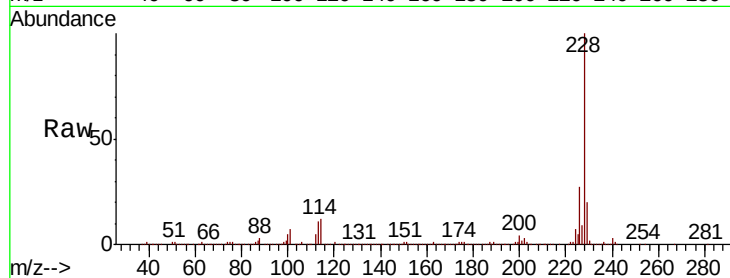




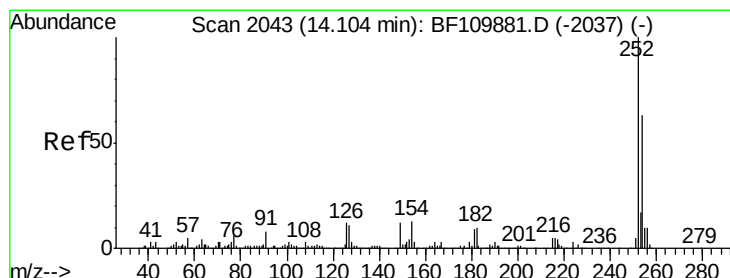
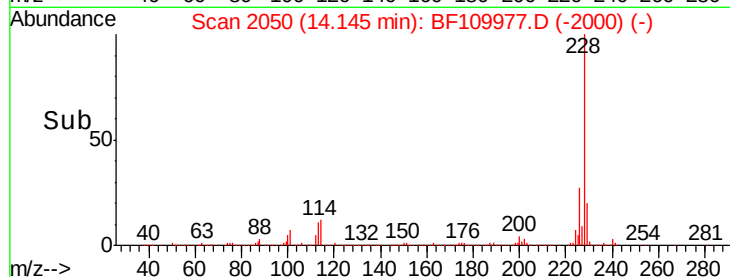
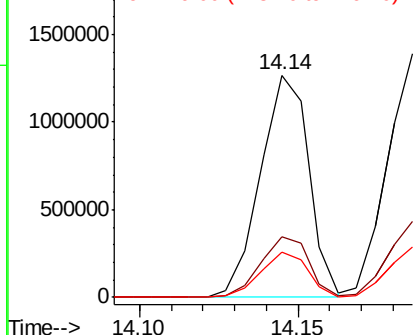
#81
Benzo(a)anthracene
Concen: 50.440 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion:228 Resp: 1348438
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 20.2 15.6 23.4

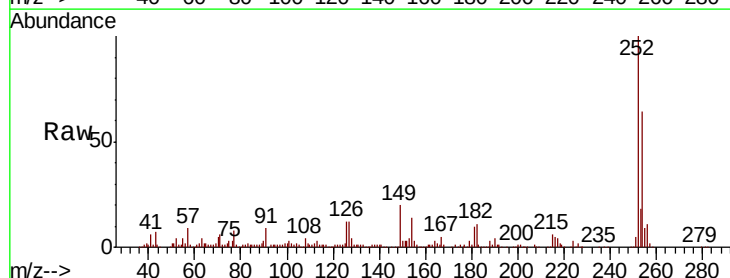


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

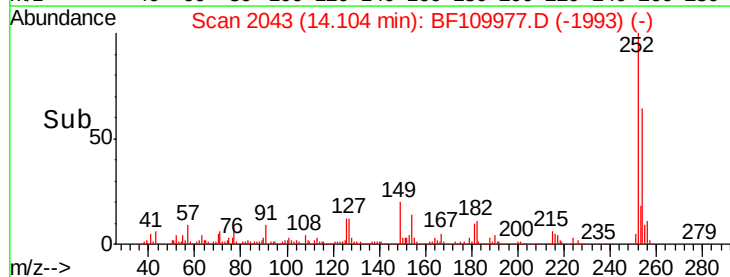
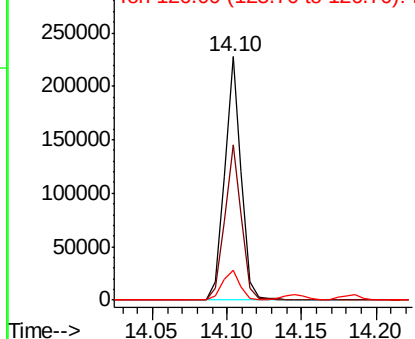


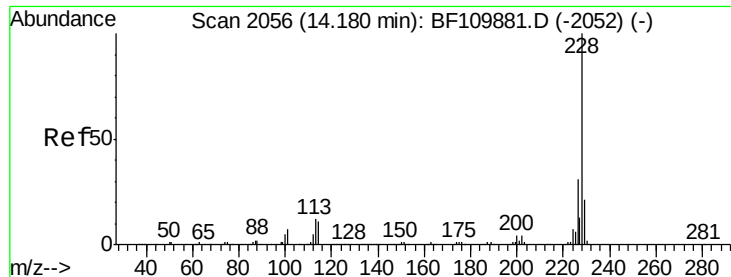
#82
3,3'-Dichlorobenzidine
Concen: 19.147 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt Ion:252 Resp: 179445
Ion Ratio Lower Upper
252 100
254 63.9 51.3 76.9
126 12.5 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: 48.603 ng

RT: 14.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

Instrument :

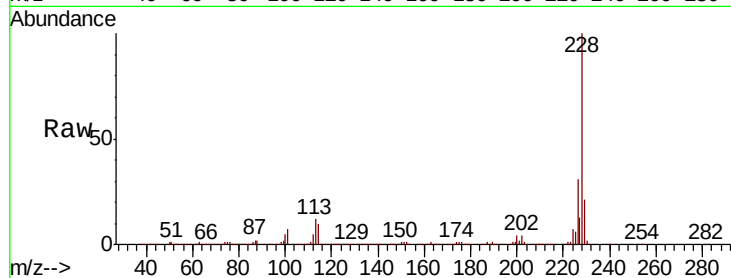
BNA_F

ClientSampleId :

RLF-GW-9SMSD

Tot Ion:228 Resp: 1236755

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.7	37.1
229	20.7	15.9	23.9

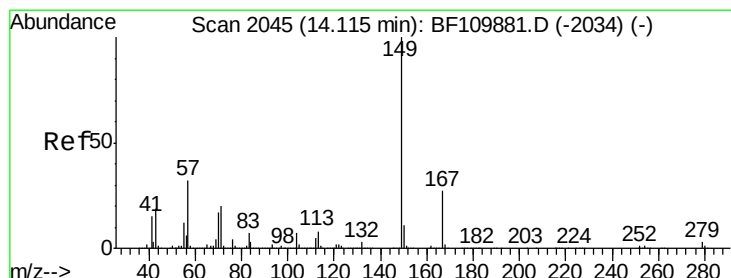
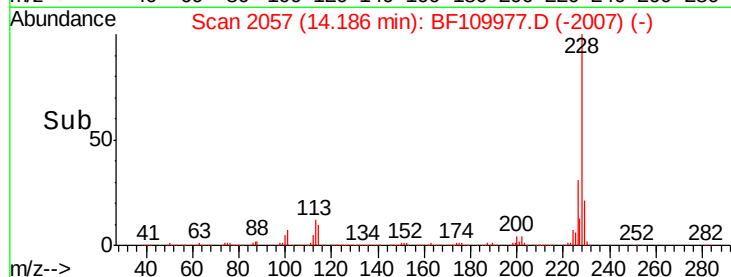
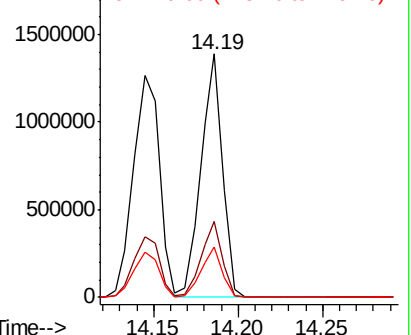


Abundance

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: 55.366 ng

RT: 14.12 min Scan# 2045

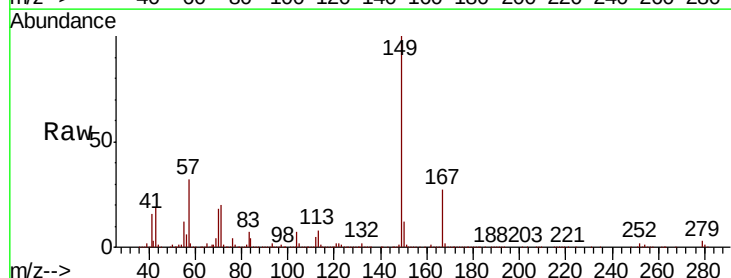
Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

Tgt Ion:149 Resp: 981815

Ion	Ratio	Lower	Upper
149	100		
167	26.8	19.8	29.8
279	3.3	2.7	4.1

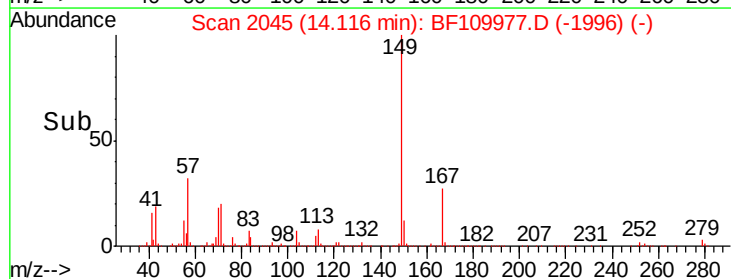
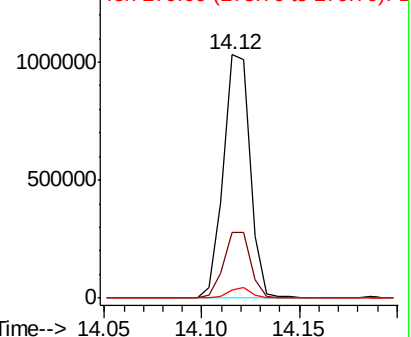


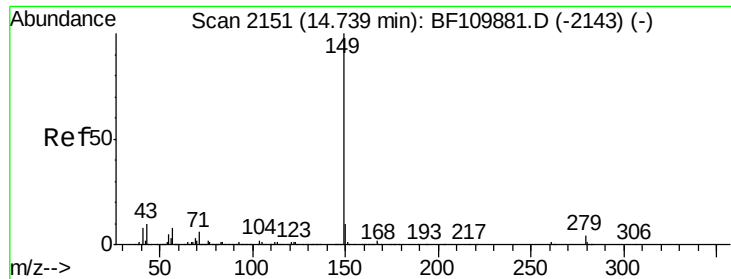
Abundance

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: 58.806 ng

RT: 14.74 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

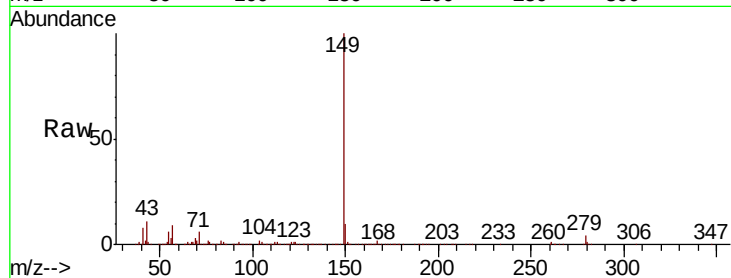
Tot Ion:149 Resp: 1470191

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

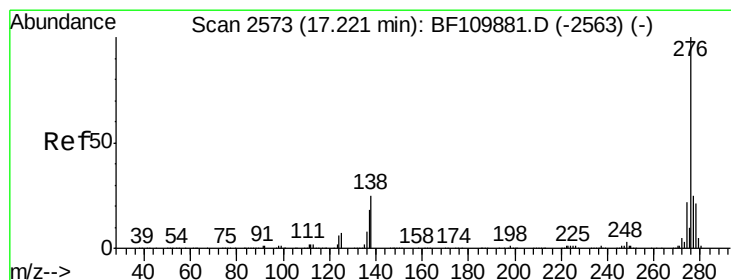
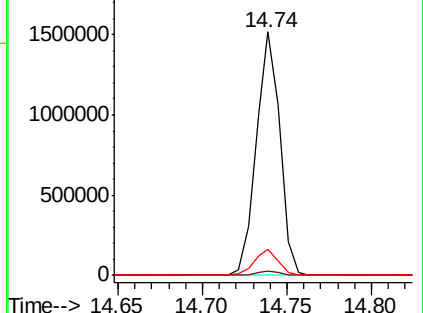
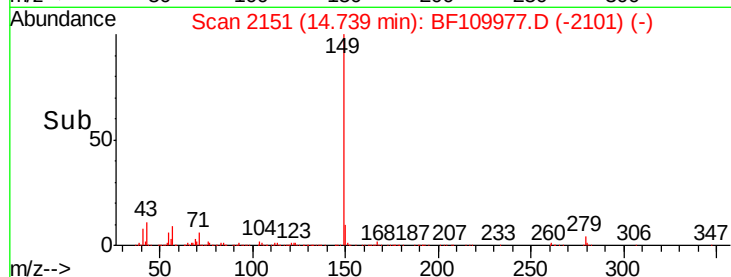
43 10.5 7.8 11.8



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: 71.867 ng

RT: 17.25 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

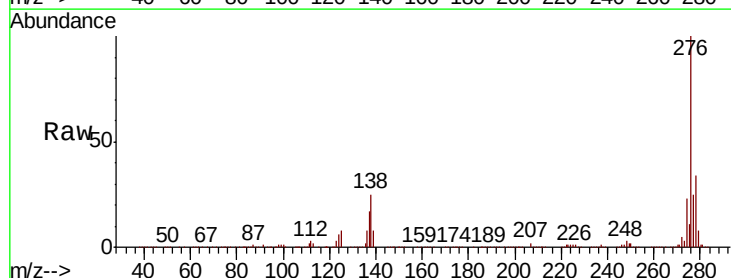
Tgt Ion:276 Resp: 1472419

Ion Ratio Lower Upper

276 100

138 28.2 18.5 27.7#

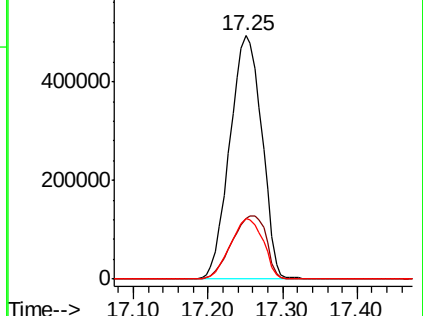
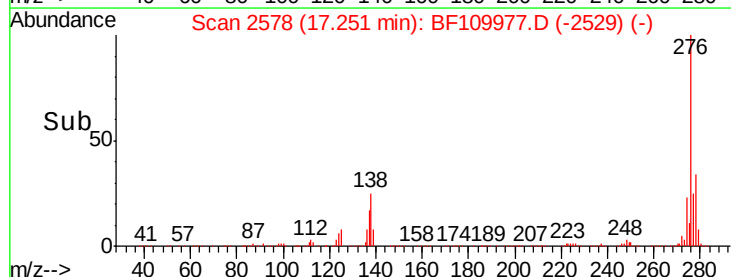
277 25.4 20.0 30.0

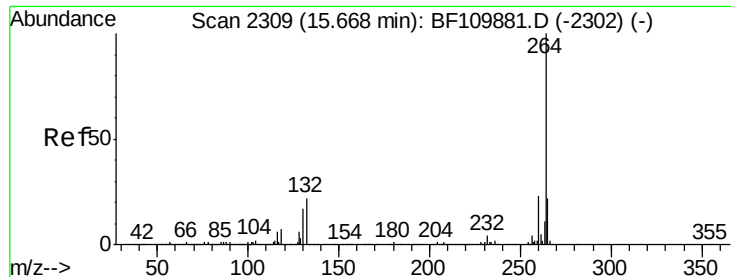


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF109977.D

Acq: 18 Oct 2018 23:41

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

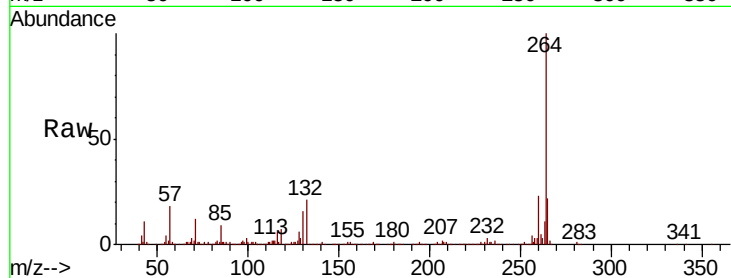
Tot Ion:264 Resp: 434284

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

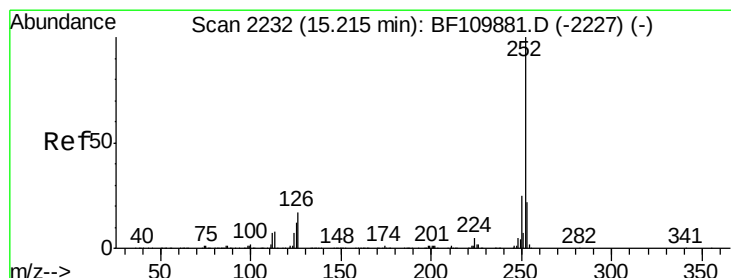
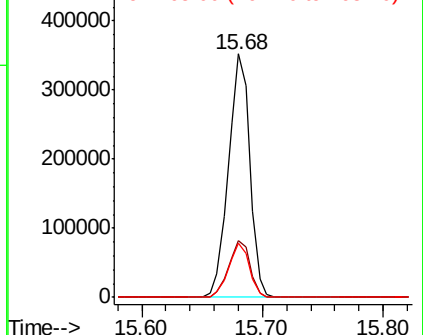
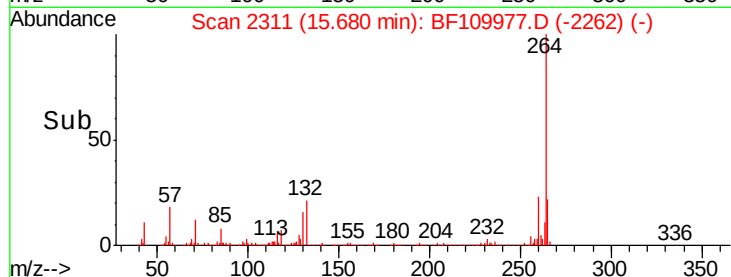
265 22.0 16.7 25.1



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: 49.876 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

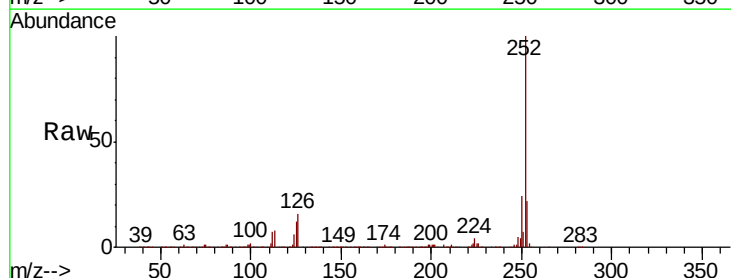
Tgt Ion:252 Resp: 1248777

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

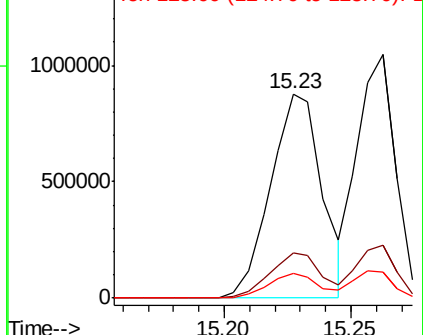
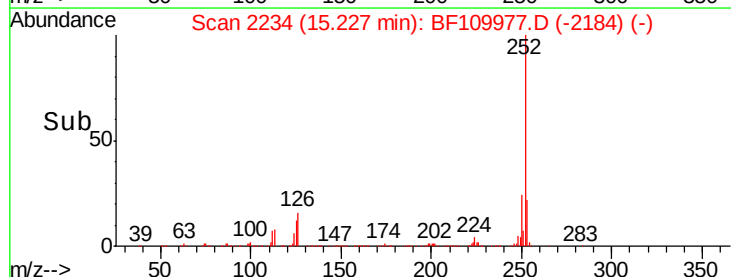
125 11.9 8.2 12.4

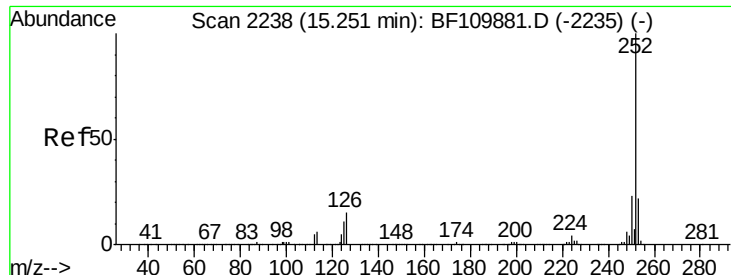


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

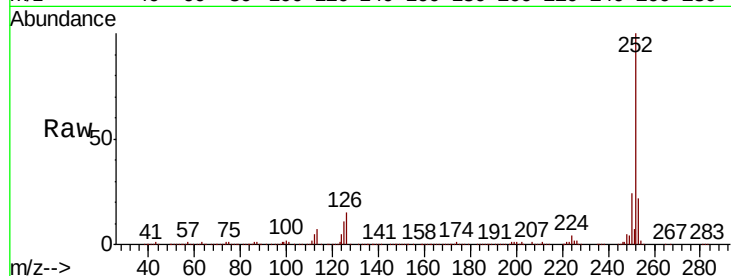




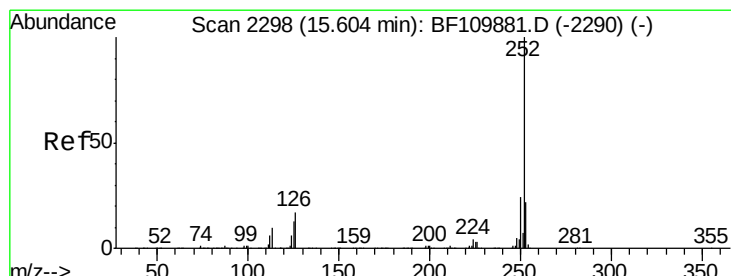
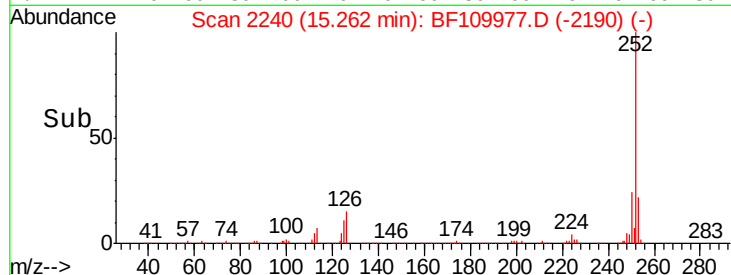
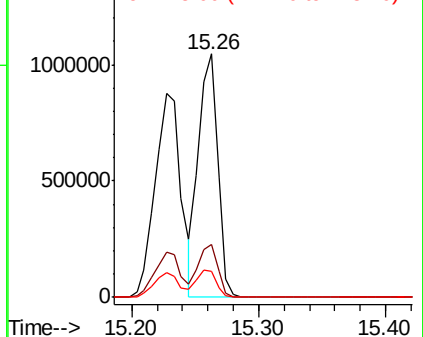
#89
Benzo(k)fluoranthene
Concen: 44.626 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion:252 Resp: 1101287
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 10.7 7.4 11.0

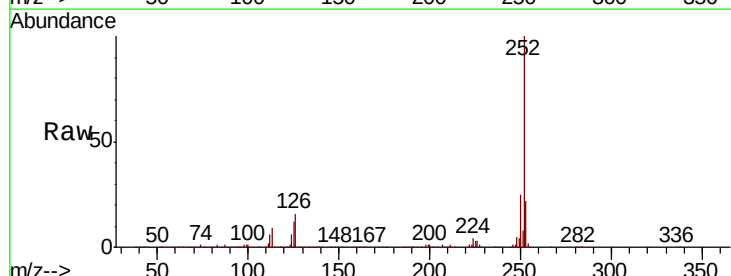


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

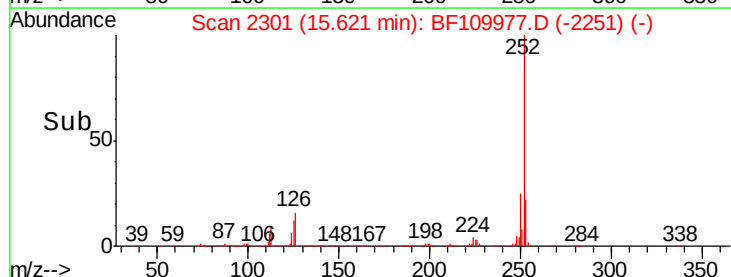
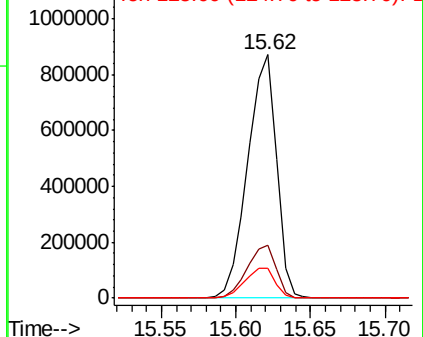


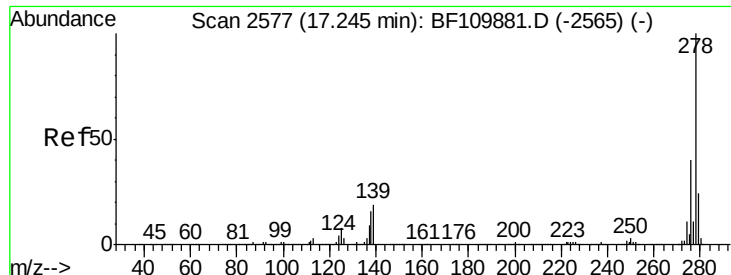
#90
Benzo(a)pyrene
Concen: 50.458 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt Ion:252 Resp: 1161917
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 12.4 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: 59.241 ng

RT: 17.27 min Scan# 2582

Delta R.T. -0.01 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

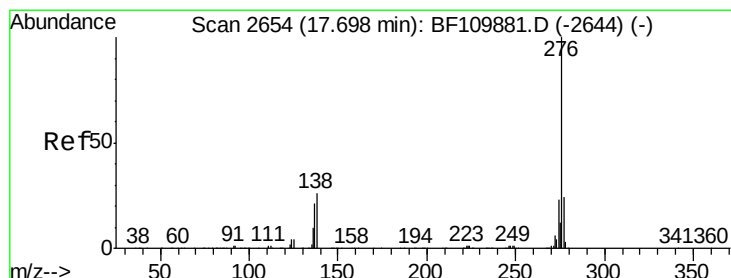
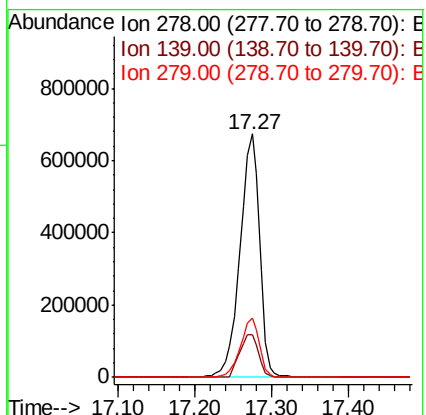
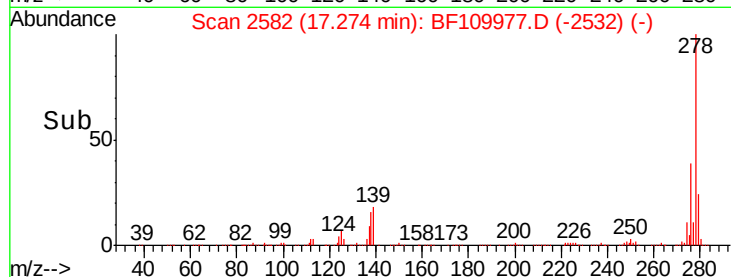
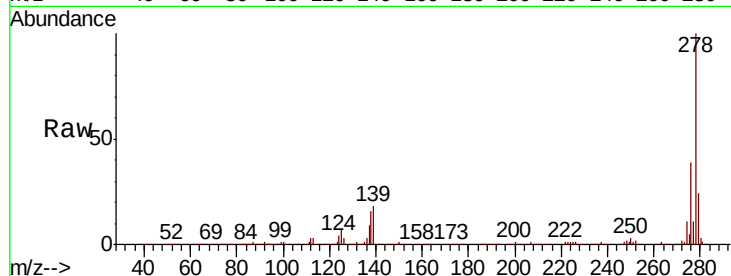
Tot Ion:278 Resp: 1208954

Ion Ratio Lower Upper

278 100

139 17.8 12.7 19.1

279 24.2 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 61.578 ng

RT: 17.74 min Scan# 2661

Delta R.T. -0.00 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

Tgt Ion:276 Resp: 1269670

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 22.9 16.0 24.0

