

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 :

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
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
41) Hexachlorocyclopentadiene	9.13	237	677896	104.576	ng	99

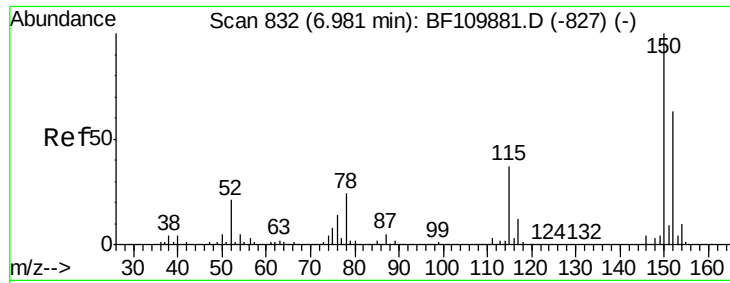
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109977.D
 Acq On : 18 Oct 2018 23:41
 Operator : JU/SJ
 Sample : J5569-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

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)
43) 2,4,6-Trichlorophenol	9.25	196	408806	48.679	ng	95
44) 2,4,5-Trichlorophenol	9.29	196	427470	49.044	ng	95
46) 1,1'-Biphenyl	9.44	154	1648428	42.431	ng	98
47) 2-Chloronaphthalene	9.47	162	1261783	44.093	ng	98
48) 2-Nitroaniline	9.56	65	407379	55.473	ng	94
49) Acenaphthylene	9.89	152	1987433	47.807	ng	97
50) Dimethylphthalate	9.74	163	1491868	48.319	ng	99
51) 2,6-Dinitrotoluene	9.80	165	341282	58.197	ng	96
52) Acenaphthene	10.06	154	1275206	48.182	ng	96
53) 3-Nitroaniline	9.97	138	108896	15.265	ng	92
54) 2,4-Dinitrophenol	10.08	184	289250	146.499	ng	91
55) Dibenzofuran	10.23	168	1723808	45.670	ng	99
56) 4-Nitrophenol	10.13	139	272052	49.981	ng	87
57) 2,4-Dinitrotoluene	10.21	165	449528	59.472	ng	89
58) Fluorene	10.57	166	1336238	48.632	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.35	232	369713	53.522	ng	96
60) Diethylphthalate	10.44	149	1452095	47.618	ng	99
61) 4-Chlorophenyl-phenylether	10.56	204	634735	44.347	ng	98
62) 4-Nitroaniline	10.60	138	329488	48.794	ng	88
63) Azobenzene	10.72	77	1418804	44.536	ng	96
65) 4,6-Dinitro-2-methylphenol	10.62	198	194212	63.501	ng	88
66) n-Nitrosodiphenylamine	10.68	169	1212400	45.194	ng	97
67) 4-Bromophenyl-phenylether	11.05	248	397198	45.503	ng	# 90
68) Hexachlorobenzene	11.12	284	414994	44.583	ng	95
69) Atrazine	11.21	200	375682	44.833	ng	98
70) Pentachlorophenol	11.32	266	442585	83.547	ng	97
71) Phenanthrene	11.54	178	1961413	47.038	ng	98
72) Anthracene	11.59	178	1998558	47.673	ng	99
73) Carbazole	11.75	167	1727923	41.939	ng	99
74) Di-n-butylphthalate	12.06	149	2109315	45.874	ng	99
75) Fluoranthene	12.73	202	1866583	44.809	ng	99
77) Benzidine	12.85	184	288414	16.574	ng	96
78) Pyrene	12.96	202	1821986	54.658	ng	99
80) Butylbenzylphthalate	13.57	149	744748	55.262	ng	96
81) Benzo(a)anthracene	14.14	228	1348438	50.440	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	179445	19.147	ng	99
83) Chrysene	14.19	228	1236755	48.603	ng	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	981815	55.366	ng	96
85) Di-n-octyl phthalate	14.74	149	1470191	58.806	ng	98
86) Indeno(1,2,3-cd)pyrene	17.25	276	1472419	71.867	ng	# 95
88) Benzo(b)fluoranthene	15.23	252	1248777	49.876	ng	98
89) Benzo(k)fluoranthene	15.26	252	1101287	44.626	ng	99
90) Benzo(a)pyrene	15.62	252	1161917	50.458	ng	98
91) Dibenzo(a,h)anthracene	17.27	278	1208954	59.241	ng	98
92) Benzo(g,h,i)perylene	17.74	276	1269670	61.578	ng	97

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

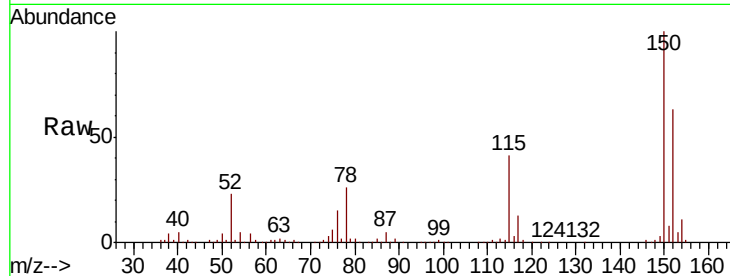


#1

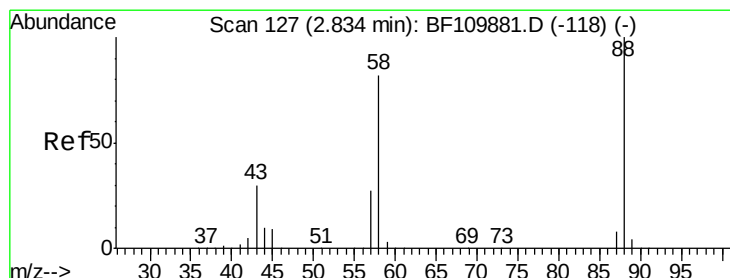
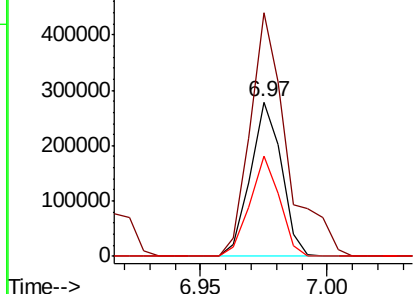
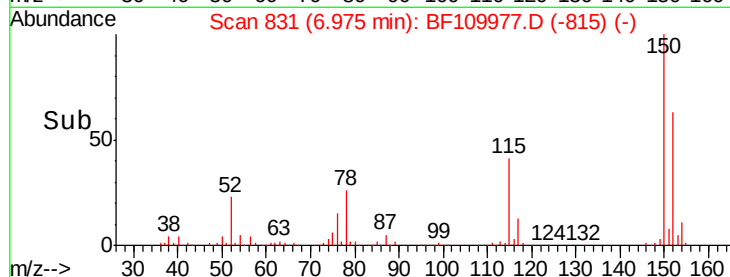
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Instrument :
BNA_F
ClientSampled :

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



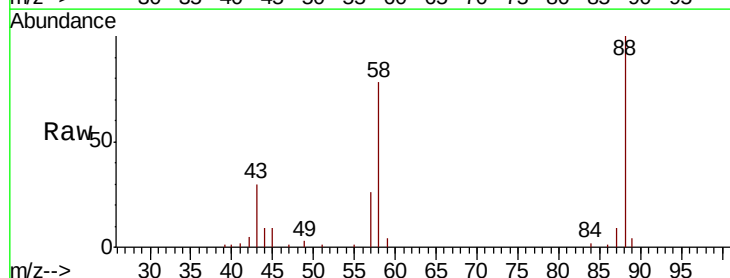
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



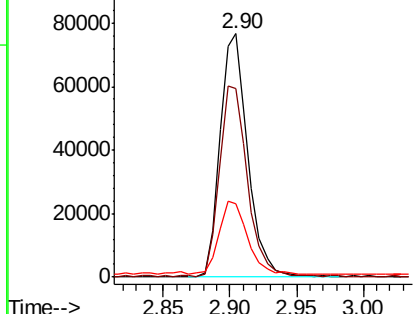
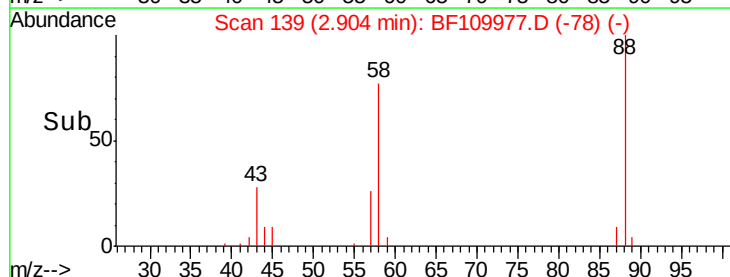
#2

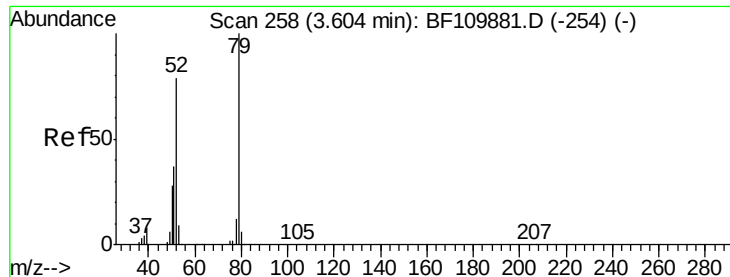
1,4-Dioxane
Concen: 13.049 ng
RT: 2.90 min Scan# 139
Delta R.T. 0.06 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

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 :

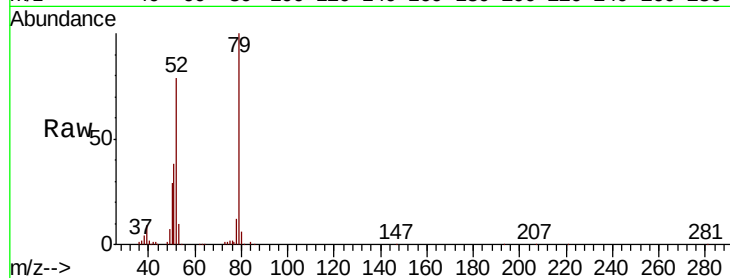
Tot Ion: 79 Resp: 263179

Ion Ratio Lower Upper

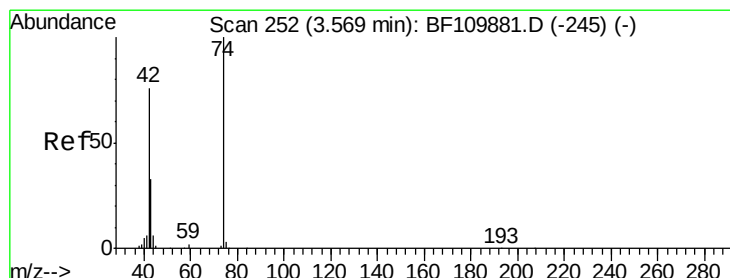
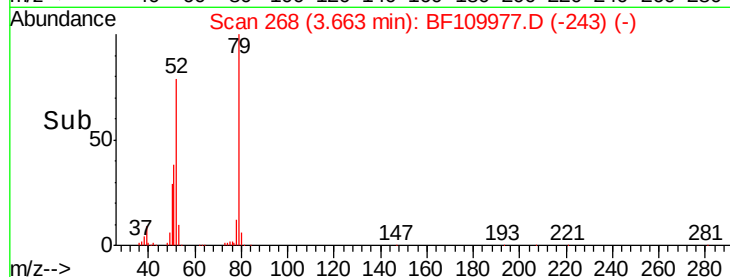
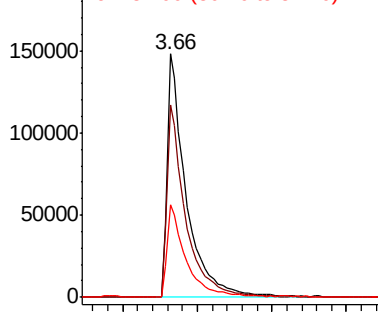
79 100

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

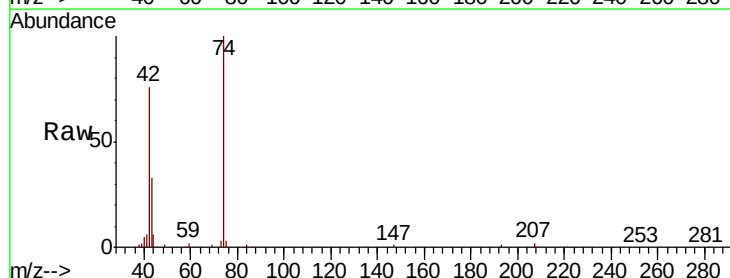
Tgt Ion: 42 Resp: 141297

Ion Ratio Lower Upper

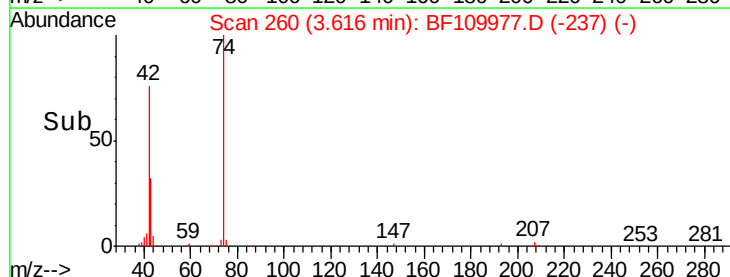
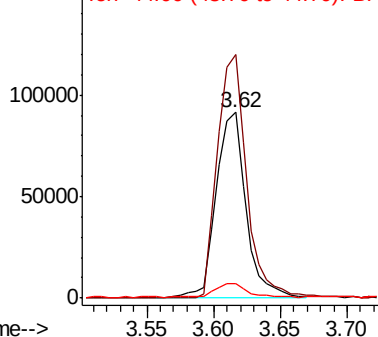
42 100

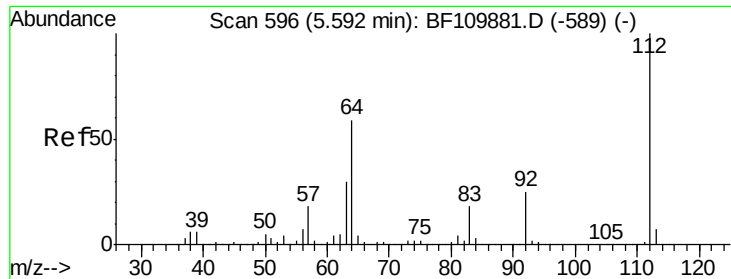
74 131.2 105.5 158.3

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 :

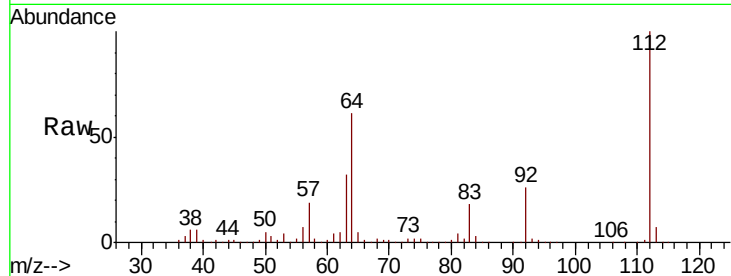
Tot Ion:112 Resp: 739244

Ion Ratio Lower Upper

112 100

64 60.8 44.1 66.1

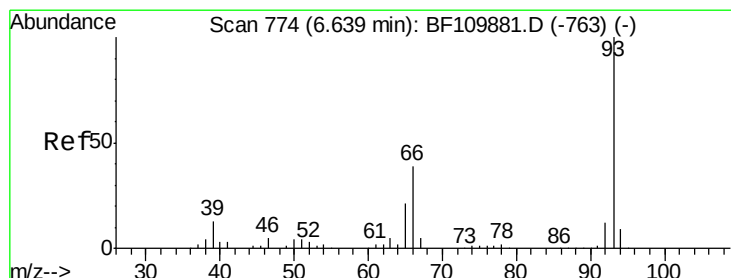
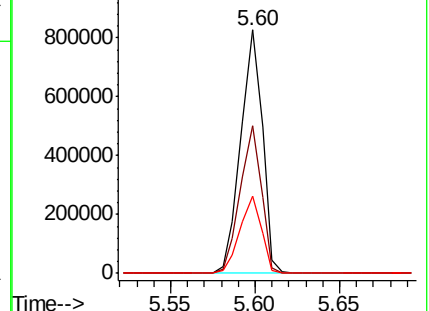
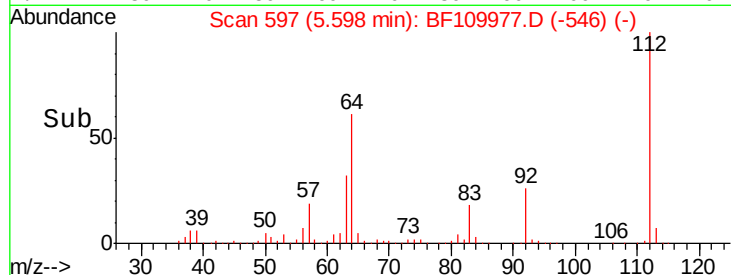
63 31.5 23.7 35.5



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

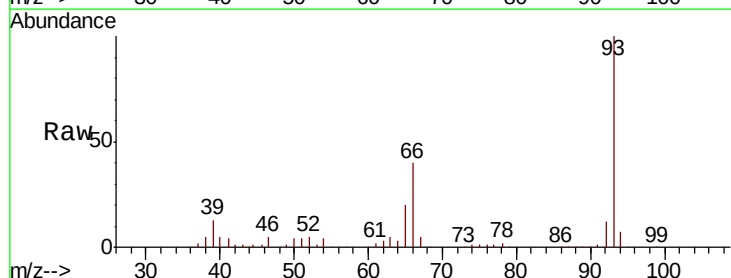
Tgt Ion: 93 Resp: 358527

Ion Ratio Lower Upper

93 100

66 39.8 67.4 101.0#

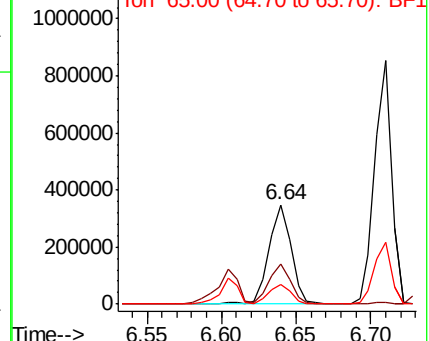
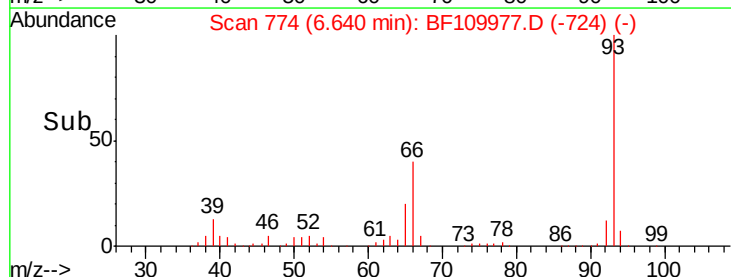
65 19.7 41.0 61.4#

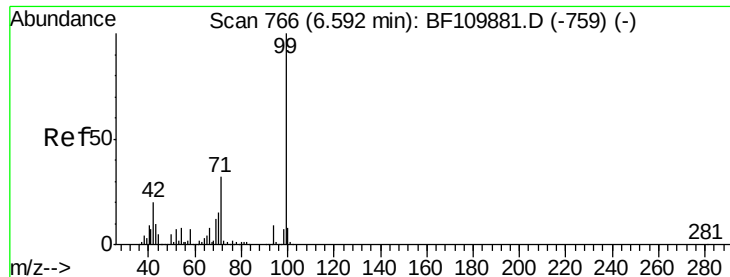


Abundance Ion 93.00 (92.70 to 93.70): BF1

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 :

BNA_F

ClientSampleId :

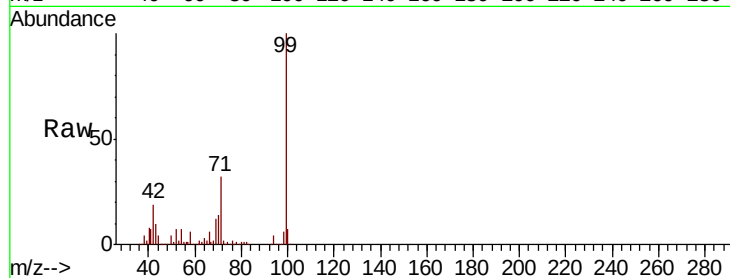
Tot Ion: 99 Resp: 597080

Ion Ratio Lower Upper

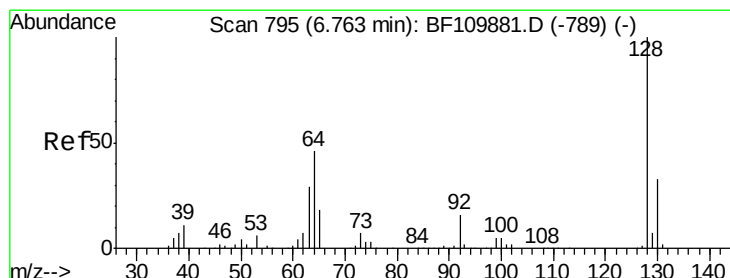
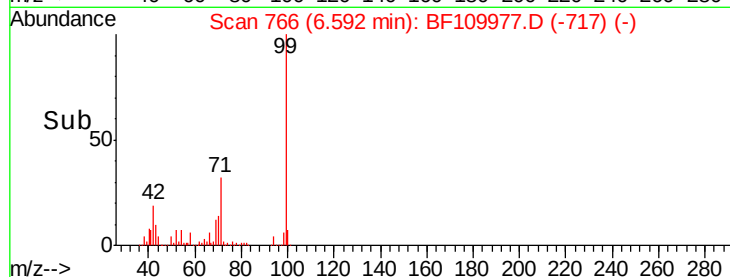
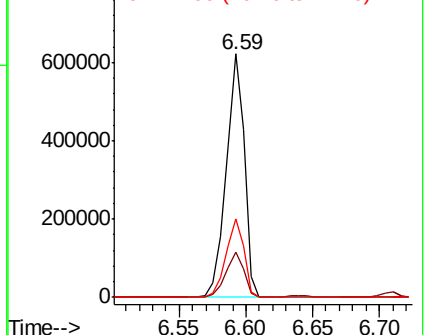
99 100

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

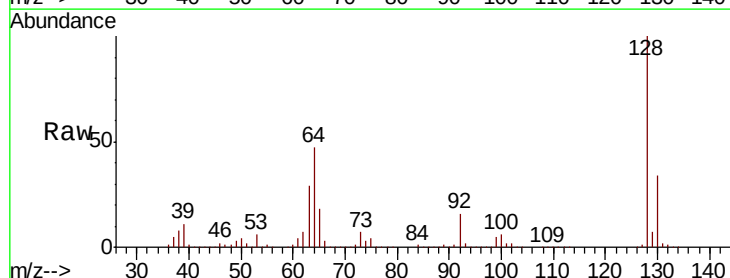
Tgt Ion: 128 Resp: 588311

Ion Ratio Lower Upper

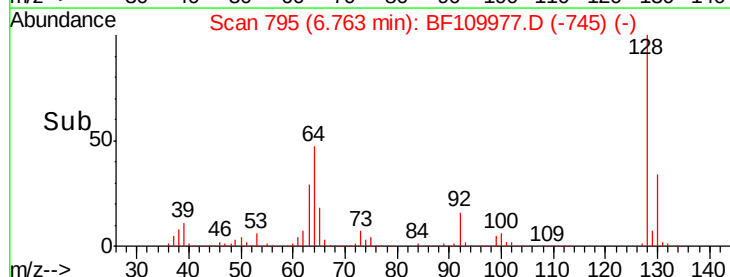
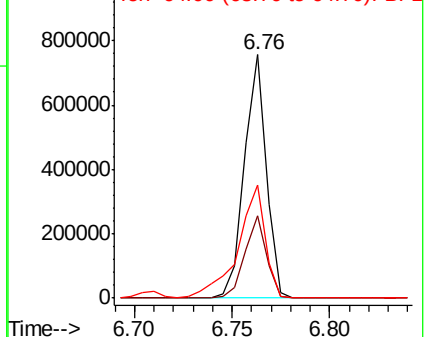
128 100

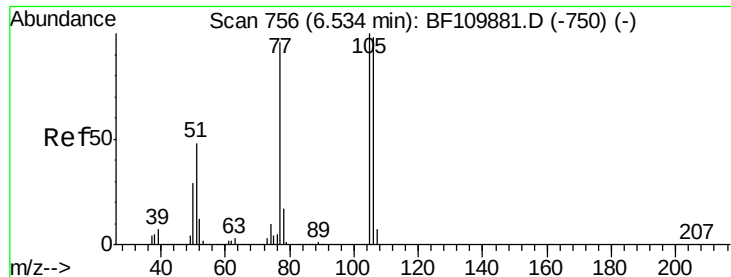
130 33.9 13.1 53.1

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 :

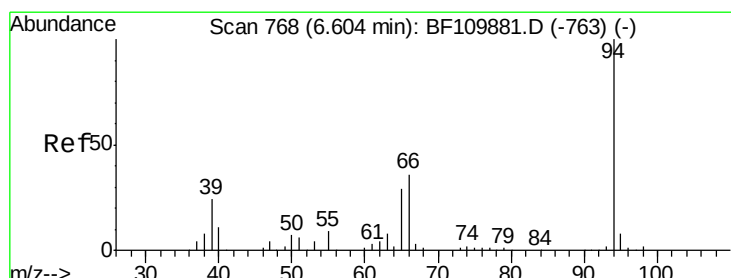
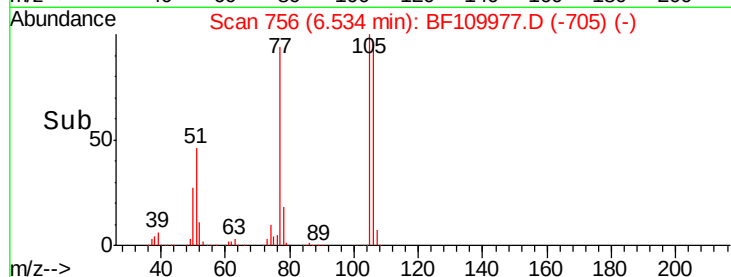
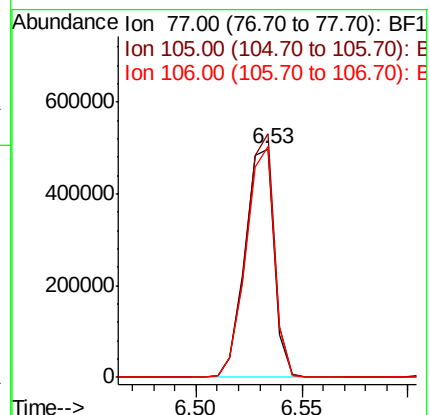
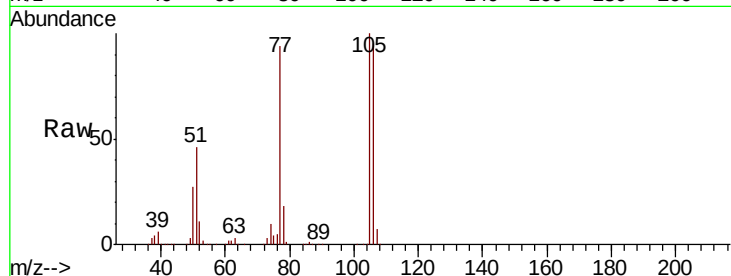
Tot Ion: 77 Resp: 477949

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

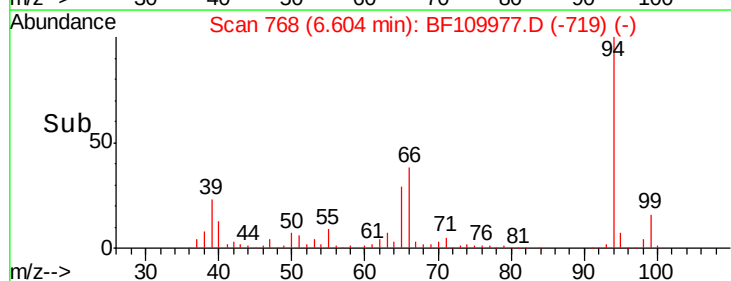
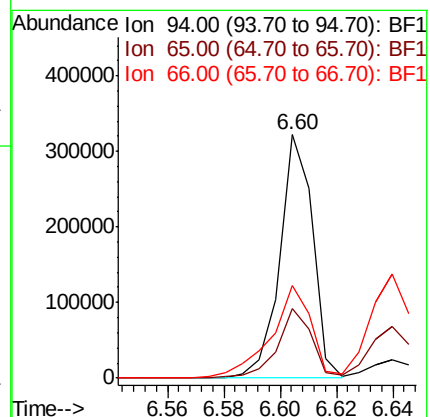
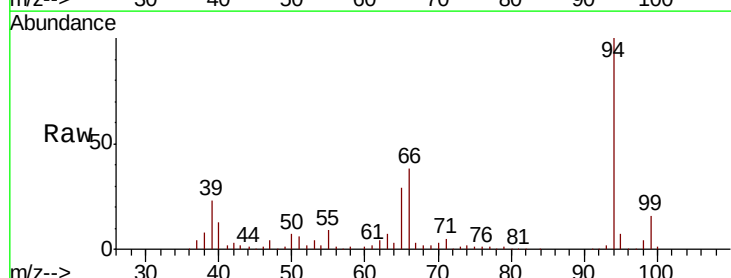
Tgt Ion: 94 Resp: 259230

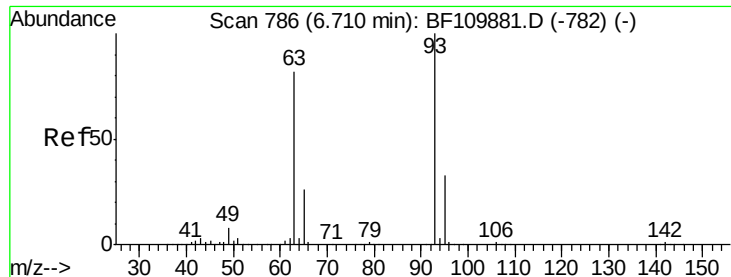
Ion Ratio Lower Upper

94 100

65 28.6 25.3 65.3

66 38.1 54.5 94.5#

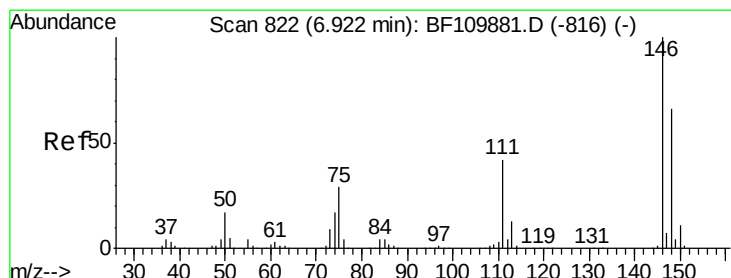
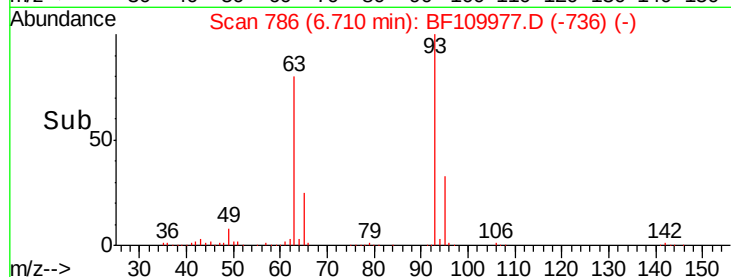
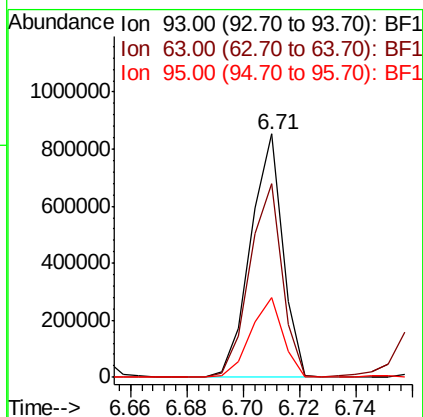
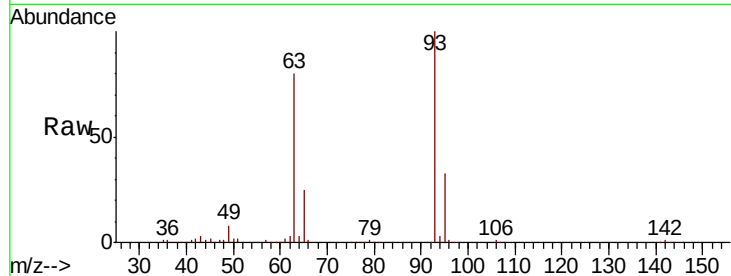




#11
bis(2-Chloroethyl)ether
Concen: 39.798 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

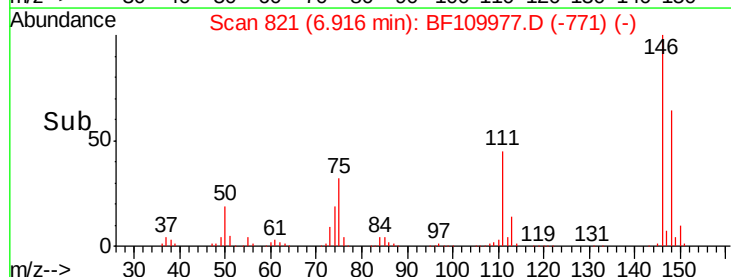
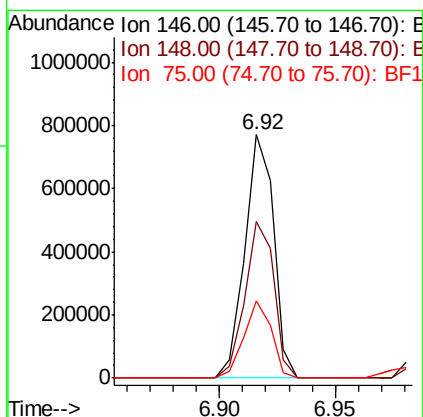
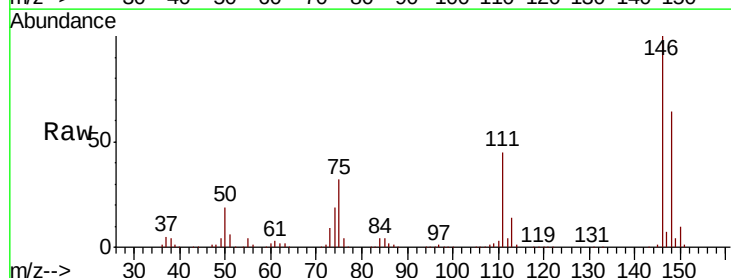
Instrument :
BNA_F
ClientSampleId :

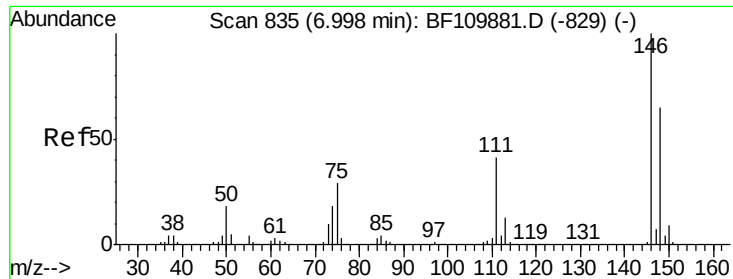
Tot Ion: 93 Resp: 671872
Ion Ratio Lower Upper
93 100
63 79.7 53.4 93.4
95 32.7 12.1 52.1



#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

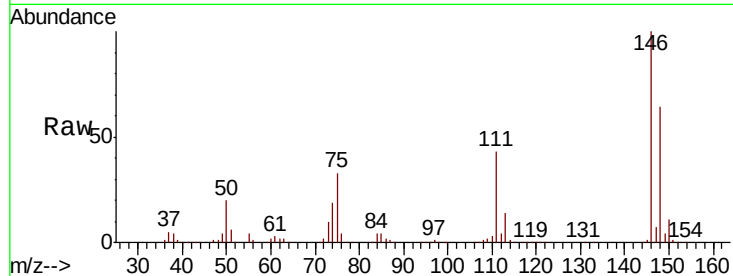




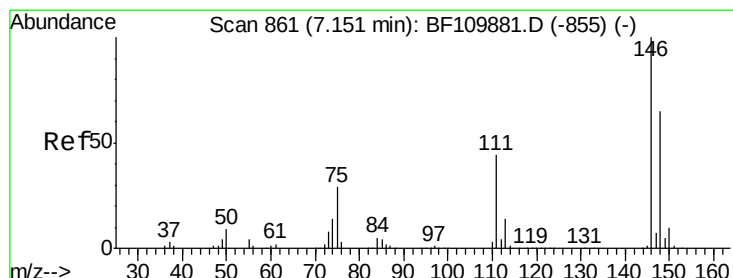
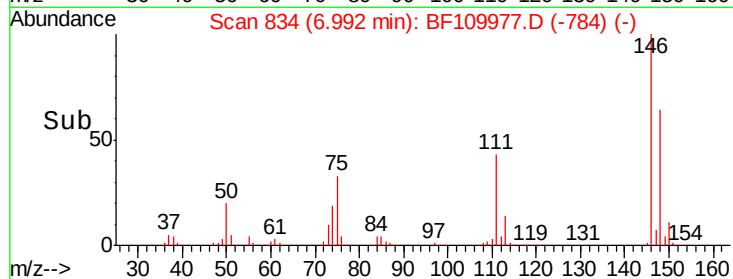
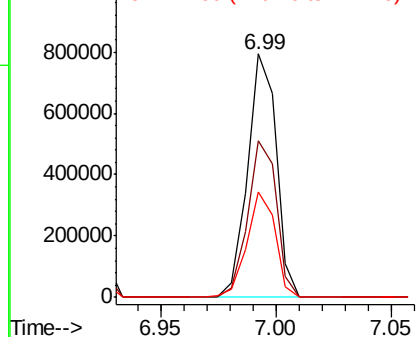
#13
 1,4-Dichlorobenzene
 Concen: 37.153 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :

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

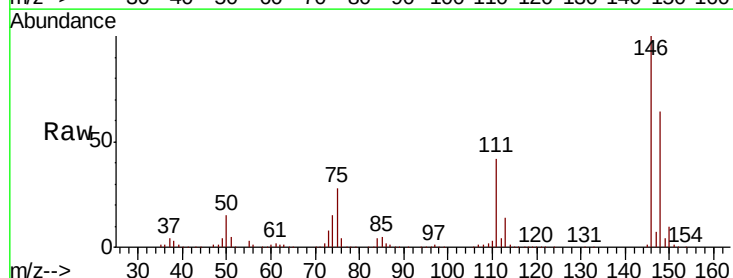


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

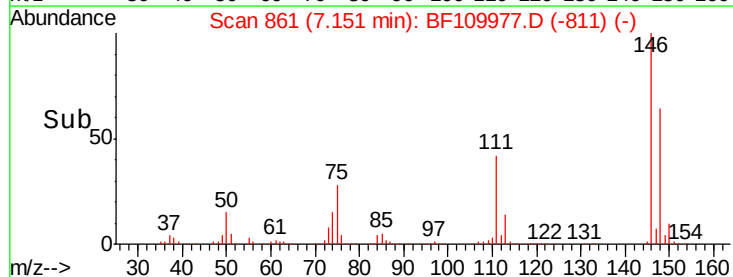
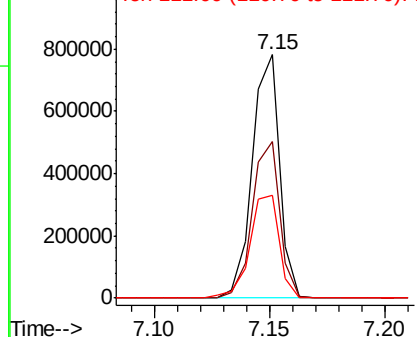


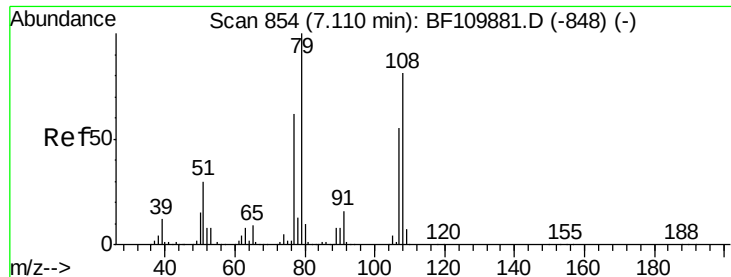
#14
 1,2-Dichlorobenzene
 Concen: 37.815 ng
 RT: 7.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

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 :

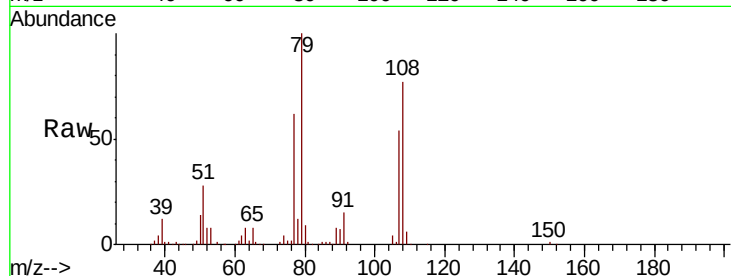
Tot Ion: 79 Resp: 396629

Ion Ratio Lower Upper

79 100

108 76.9 56.3 84.5

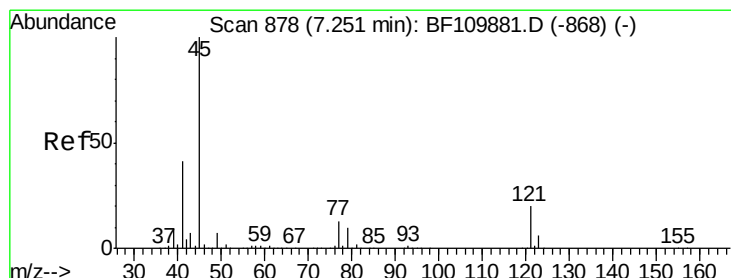
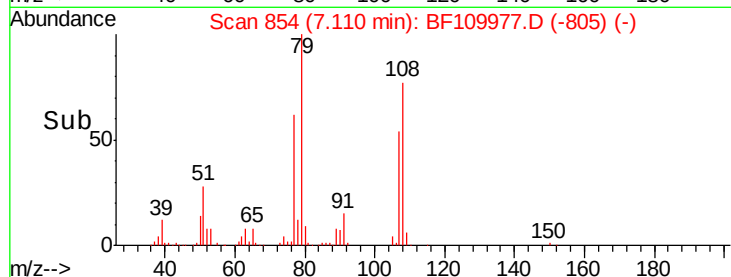
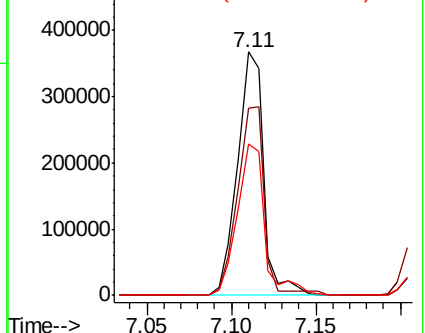
77 62.2 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 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

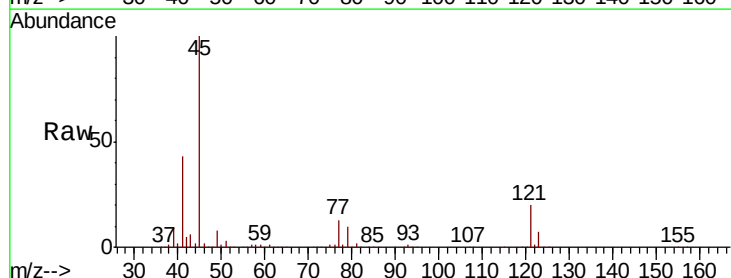
Tgt Ion: 45 Resp: 1107385

Ion Ratio Lower Upper

45 100

77 13.0 10.0 50.0

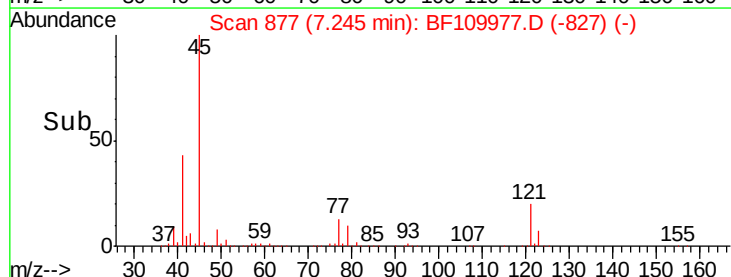
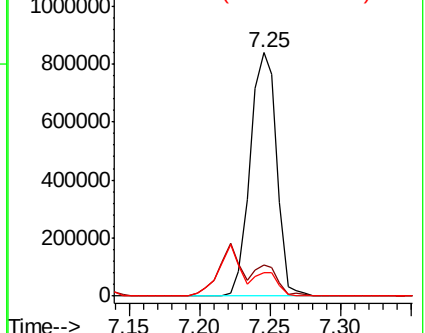
79 9.9 6.1 46.1

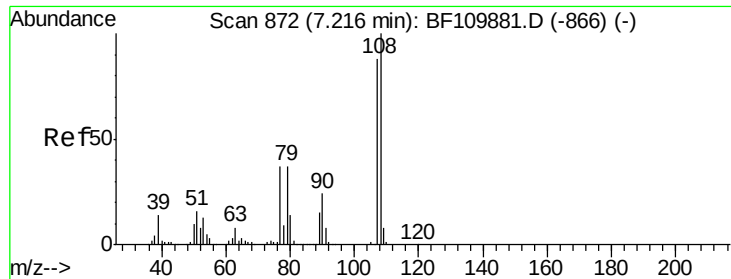


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

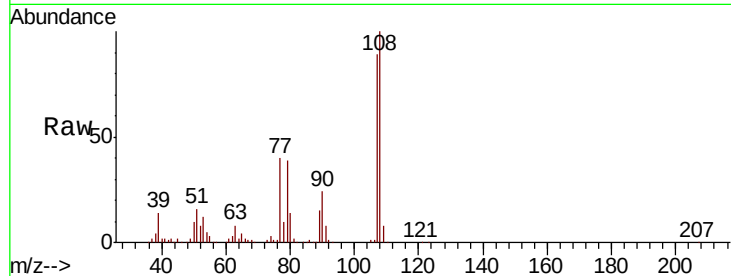




#17
2-Methylphenol
Concen: 29.993 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Instrument :
BNA_F
ClientSampleId :

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#



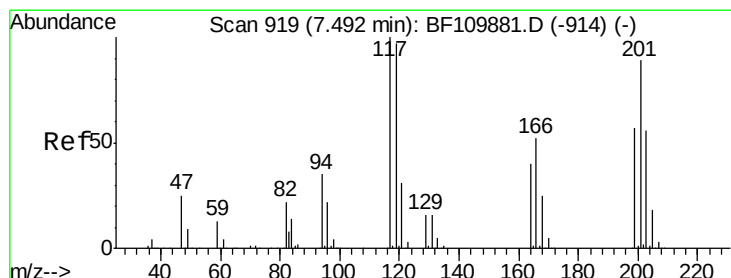
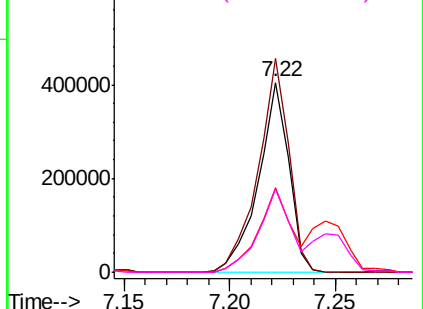
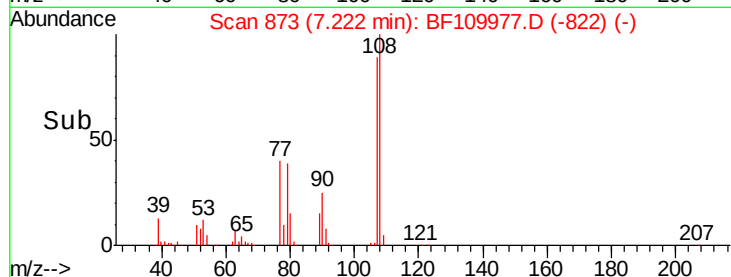
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

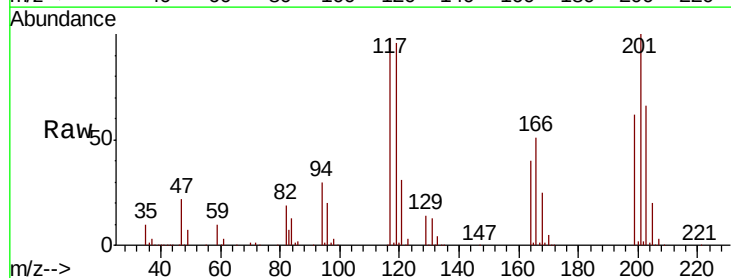
Ion 77.00 (76.70 to 77.70): BF1

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

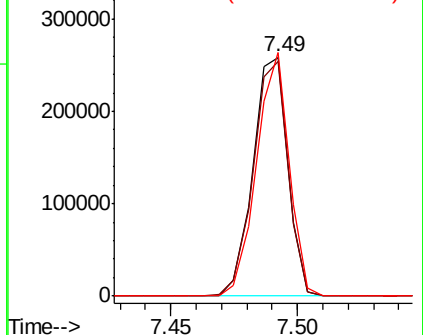
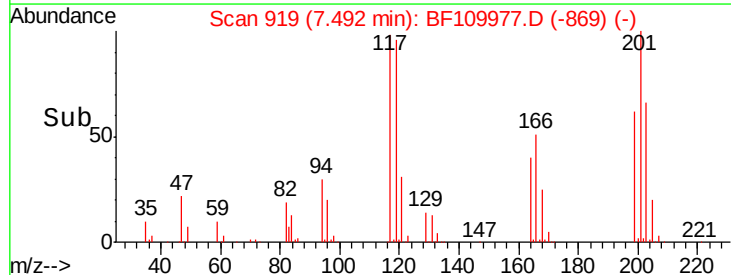


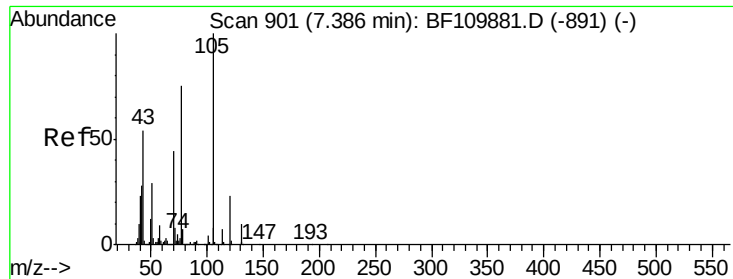
Abundance

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

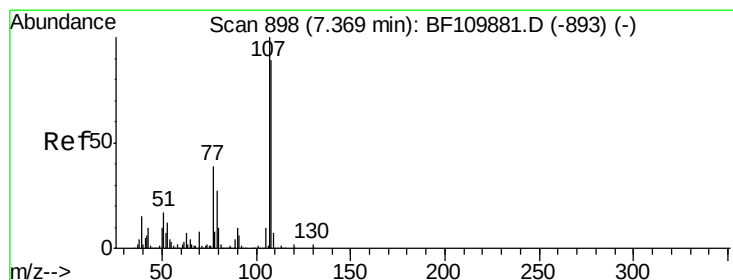
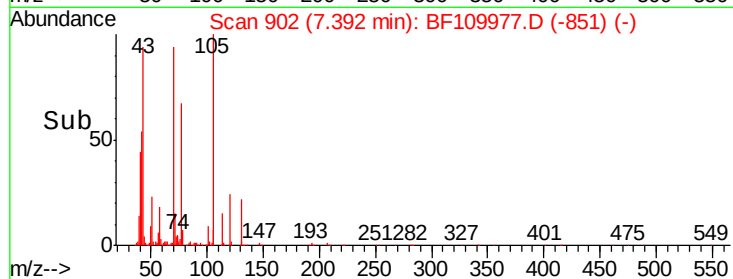
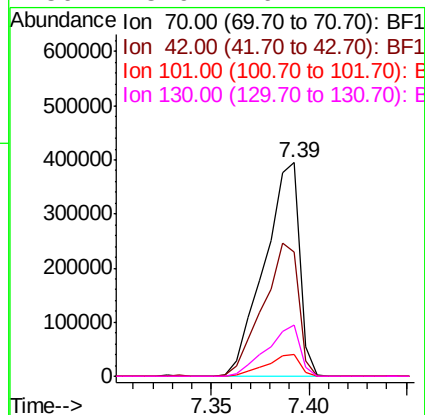
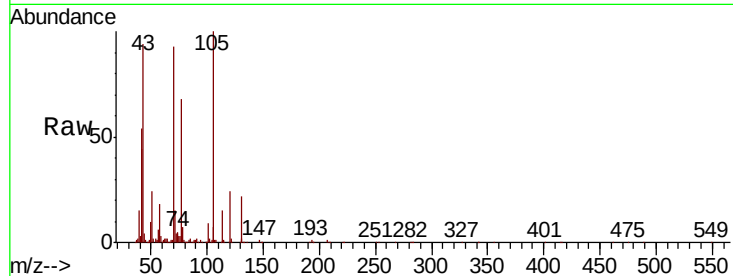




#19
n-Nitroso-di-n-propylamine
Concen: 40.963 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

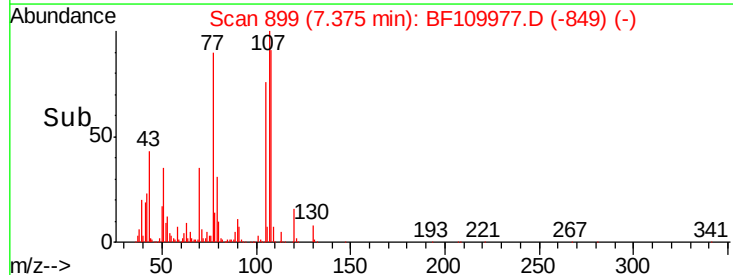
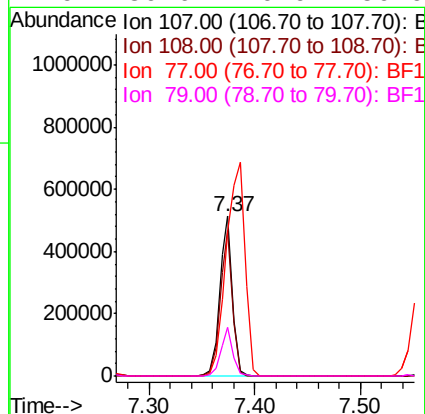
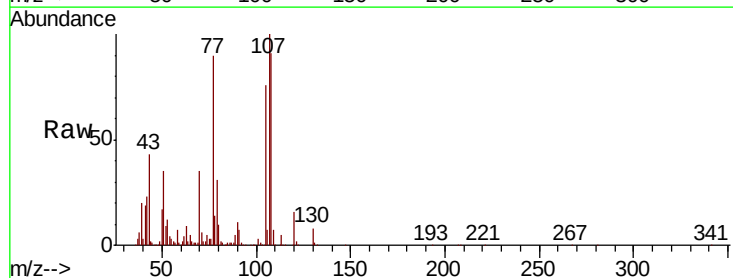
Instrument :
BNA_F
ClientSampleId :

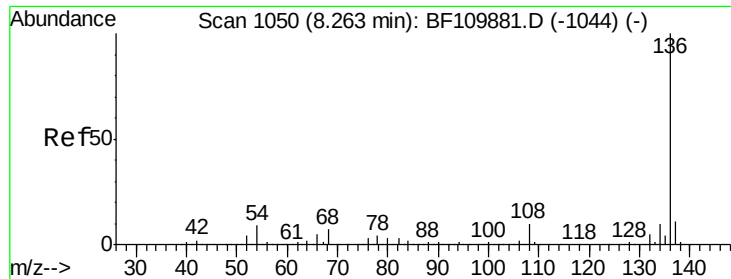
Tot Ion:	70	Resp:	491867
Ion	Ratio	Lower	Upper
70	100		
42	58.1	47.4	71.2
101	10.0	7.3	10.9
130	23.9	16.2	24.2



#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 :

Tot Ion:136 Resp: 936039

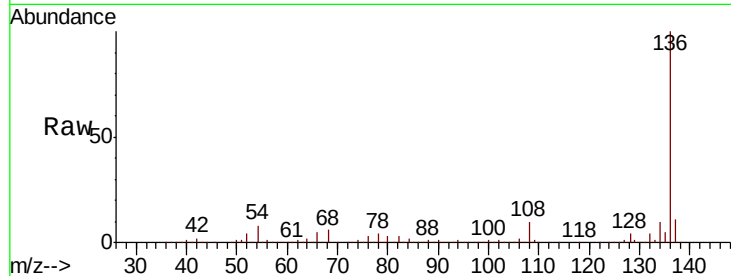
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.8 5.4 8.2

68 5.5 4.2 6.2

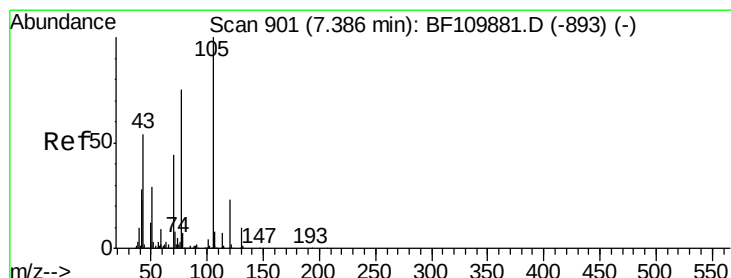
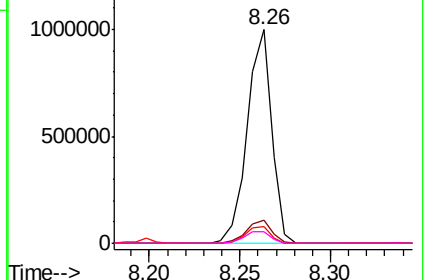
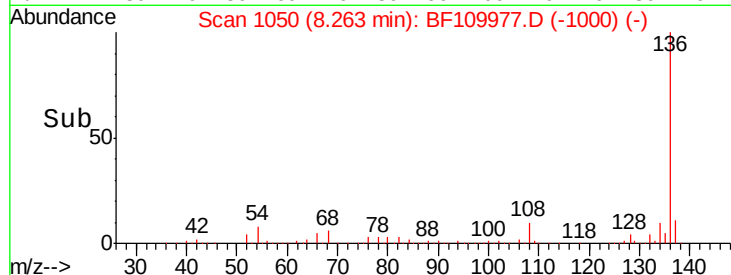


Abundance Ion 136.00 (135.70 to 136.70): E

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

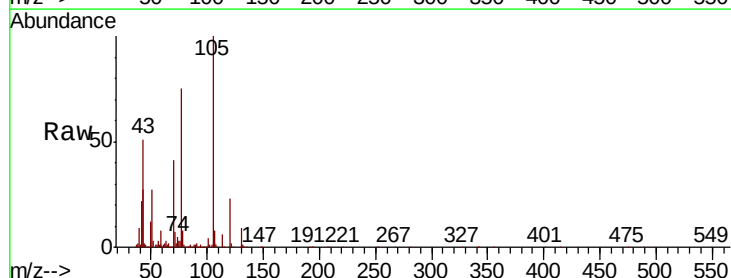
Ion Ratio Lower Upper

105 100

71 7.1 5.2 7.8

51 27.2 21.8 32.8

120 22.5 17.0 25.4

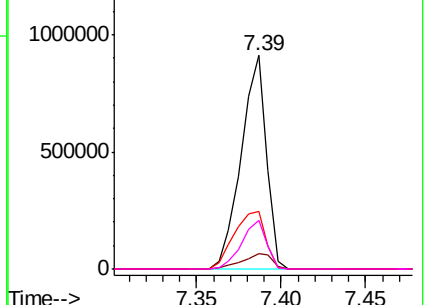
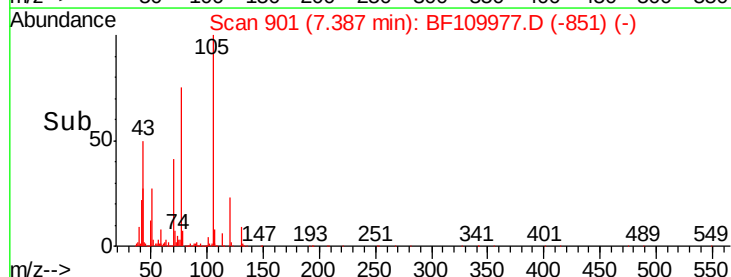


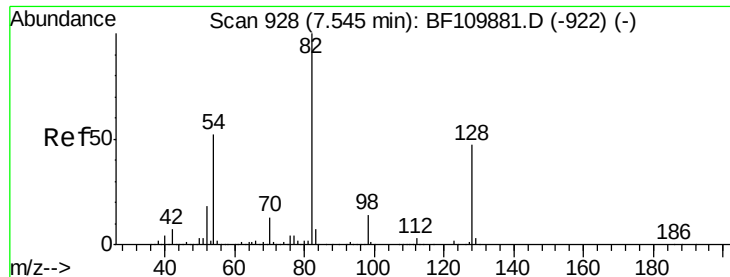
Abundance Ion 105.00 (104.70 to 105.70): E

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

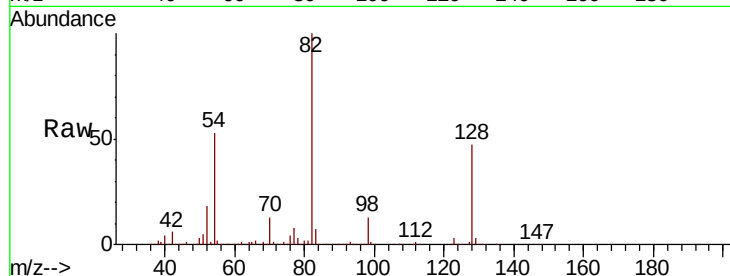




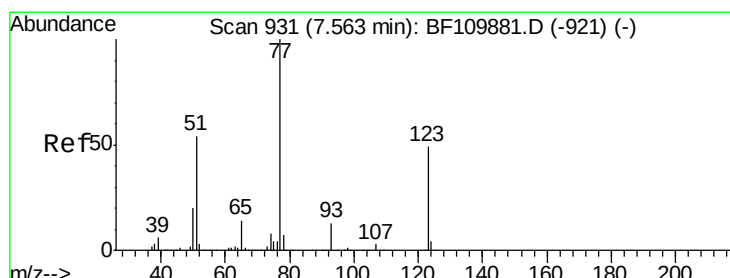
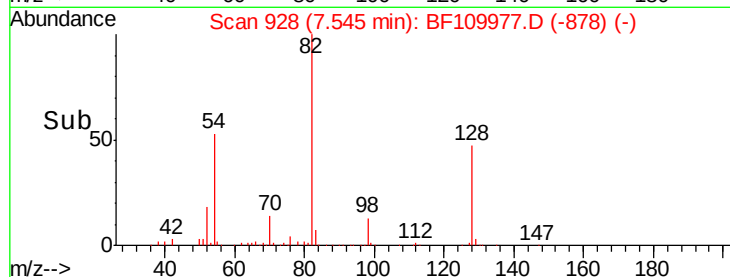
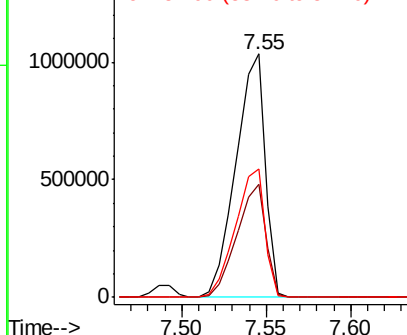
#23
 Nitrobenzene-d5
 Concen: 90.071 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Instrument :
 BNA_F
 ClientSampled :

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

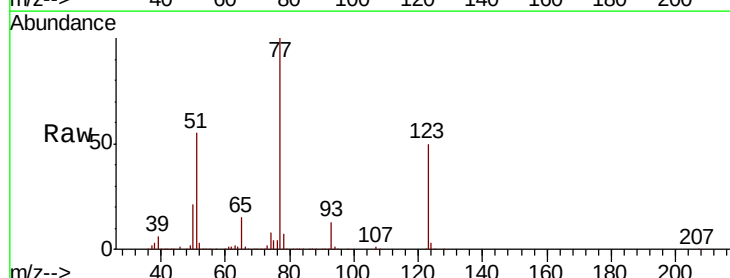


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

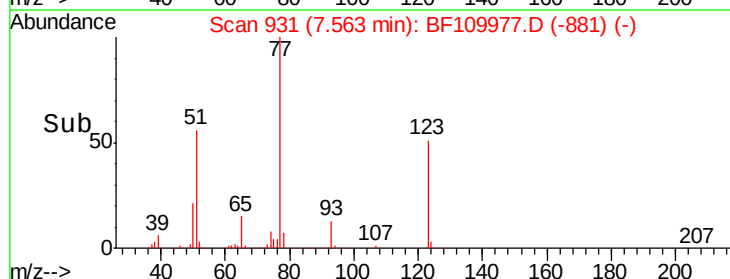
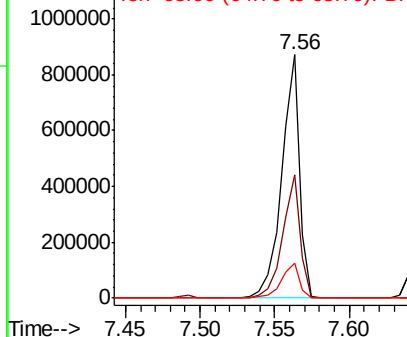


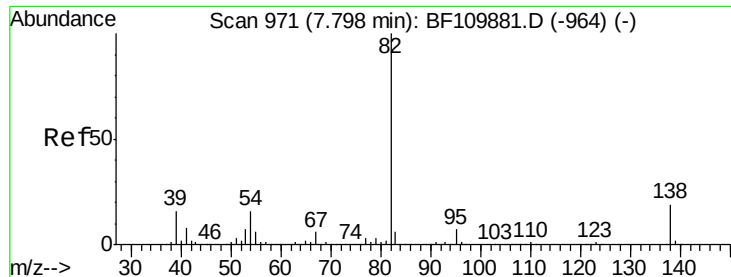
#24
 Nitrobenzene
 Concen: 48.467 ng
 RT: 7.56 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

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 :

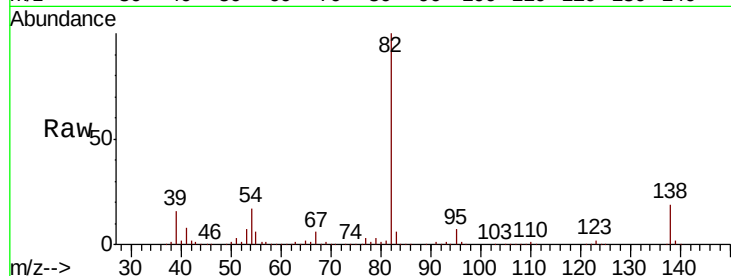
Tot Ion: 82 Resp: 1394210

Ion Ratio Lower Upper

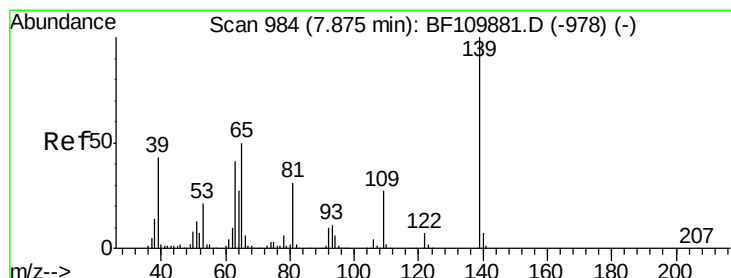
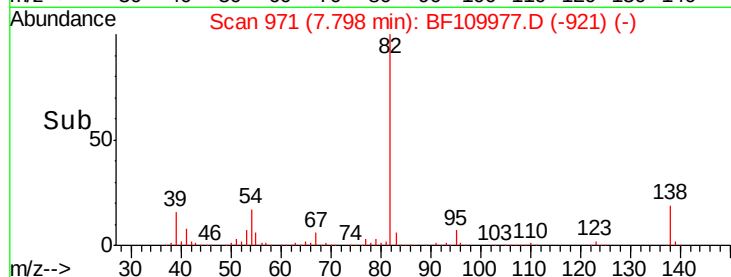
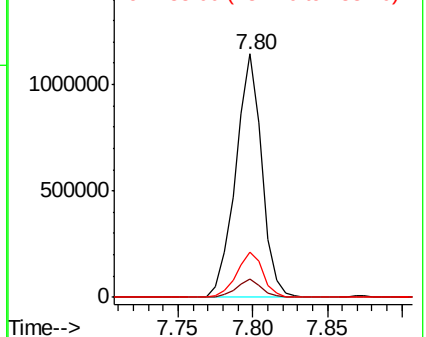
82 100

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

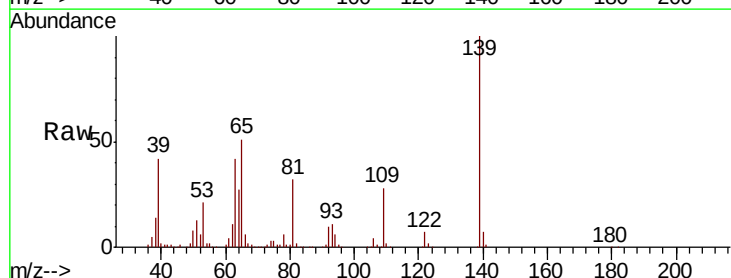
Tgt Ion: 139 Resp: 382401

Ion Ratio Lower Upper

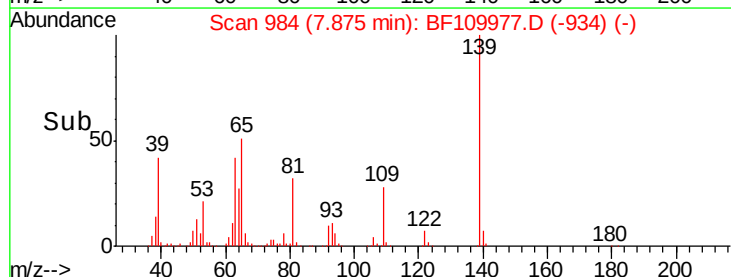
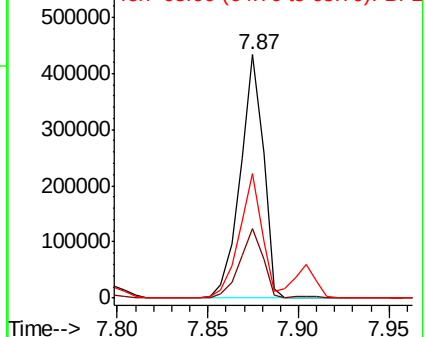
139 100

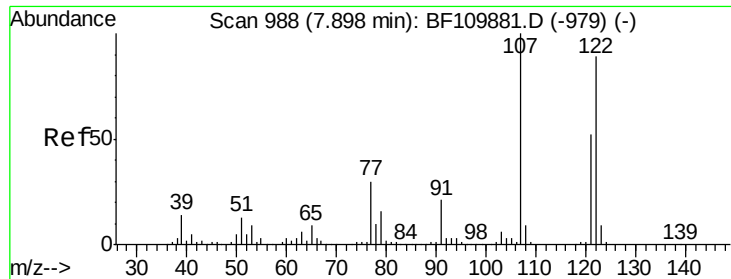
109 28.4 25.0 37.6

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

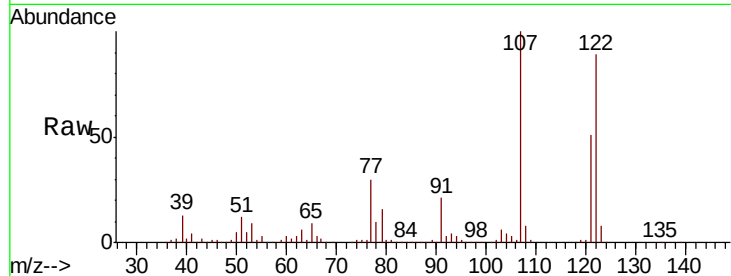




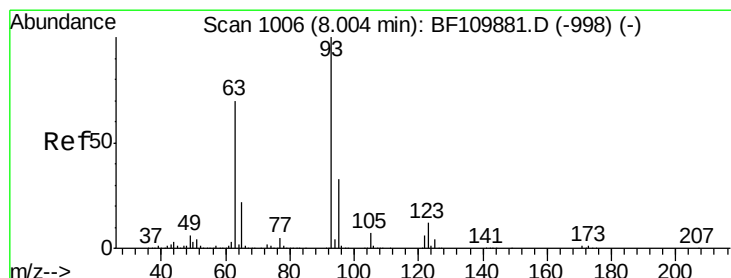
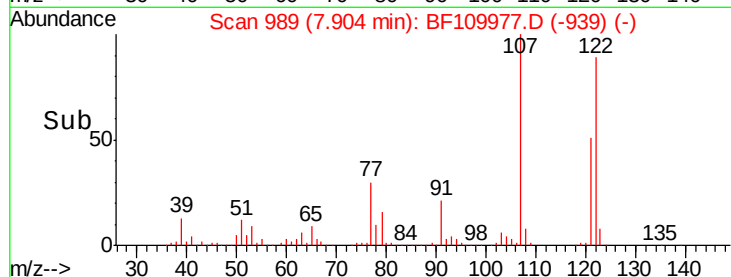
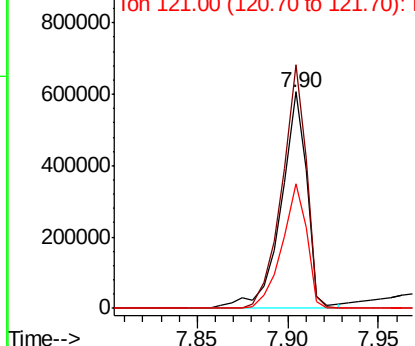
#27
 2,4-Dimethylphenol
 Concen: 45.930 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Instrument :
 BNA_F
 ClientSampled :

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

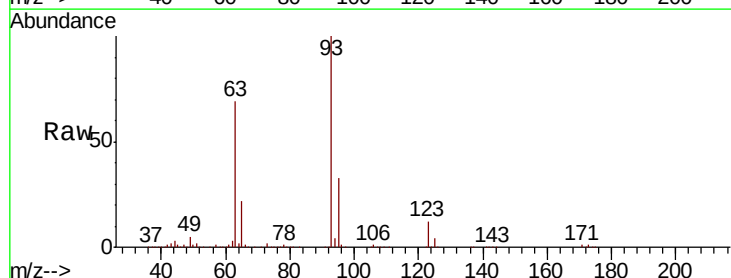


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

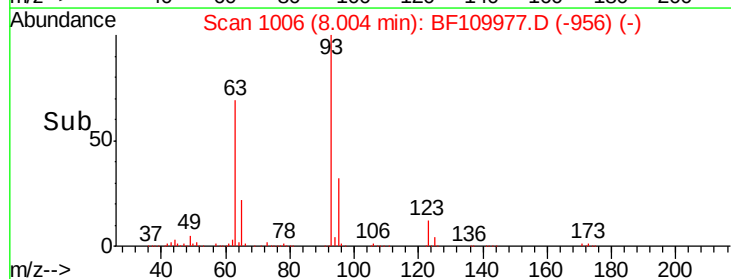
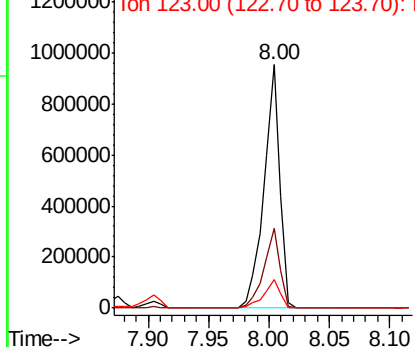


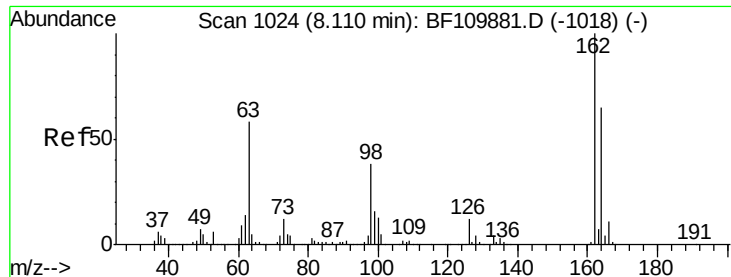
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.443 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

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

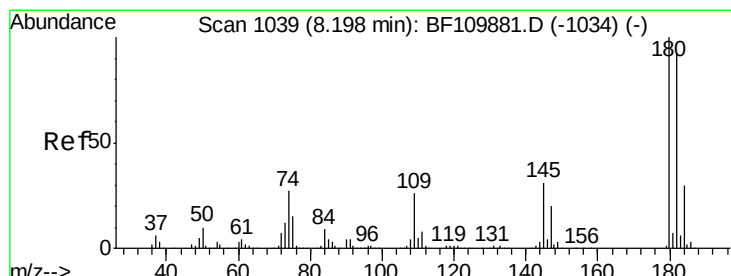
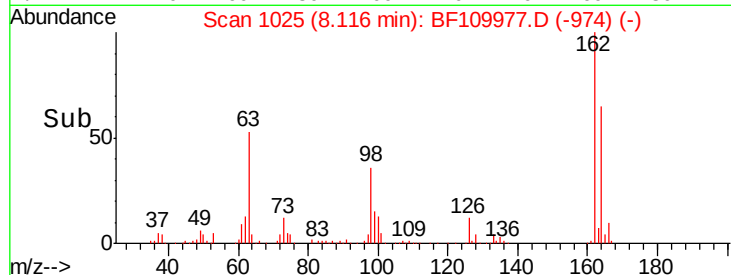
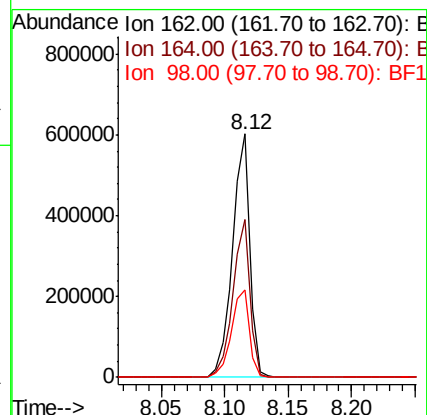
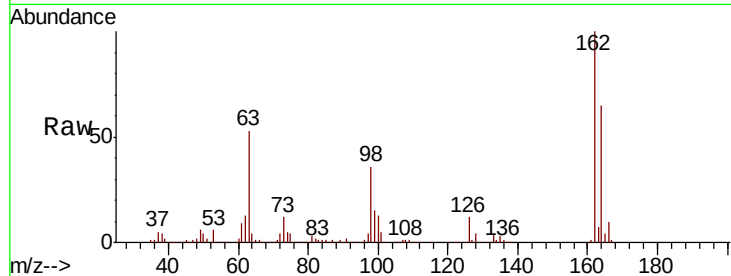




#29
2,4-Dichlorophenol
Concen: 44.448 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

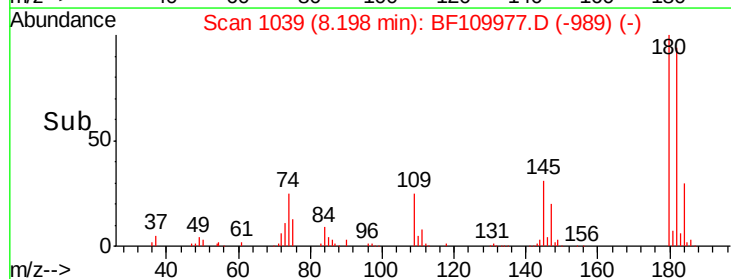
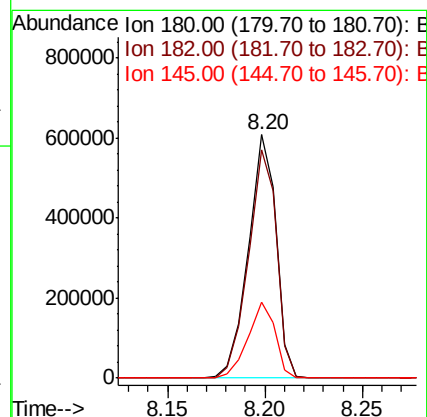
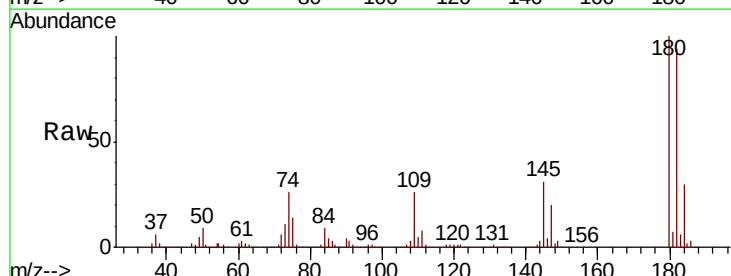
Instrument :
BNA_F
ClientSampleId :

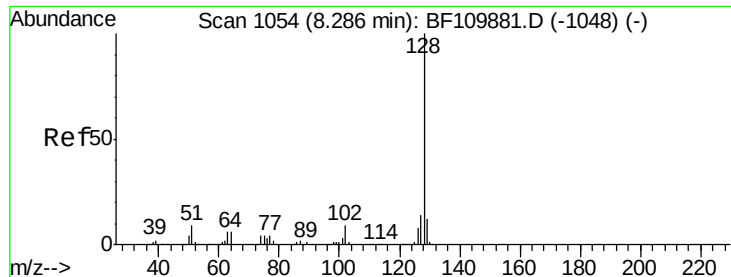
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	36.0	17.4	57.4



#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

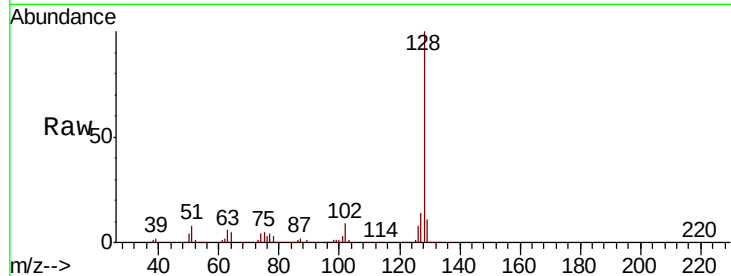




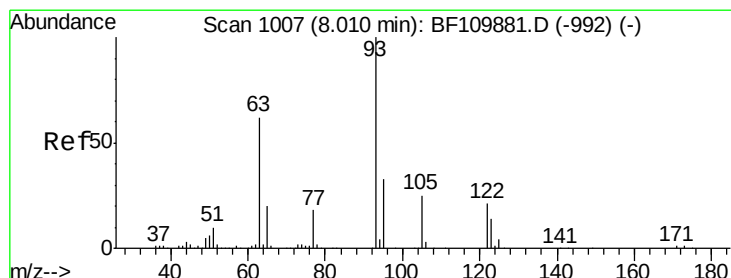
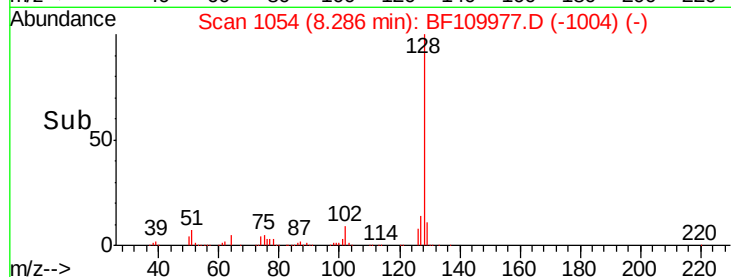
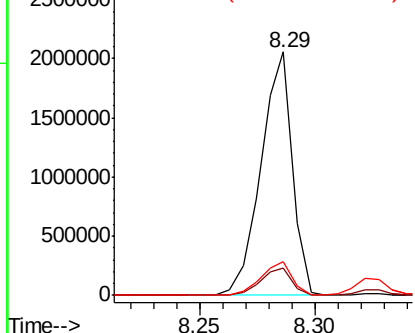
#31
Naphthalene
Concen: 45.246 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Instrument :
BNA_F
ClientSampleId :

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

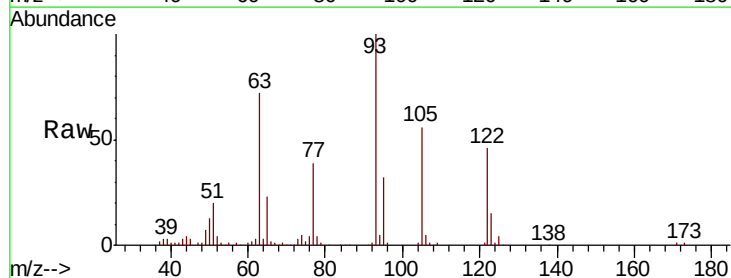


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

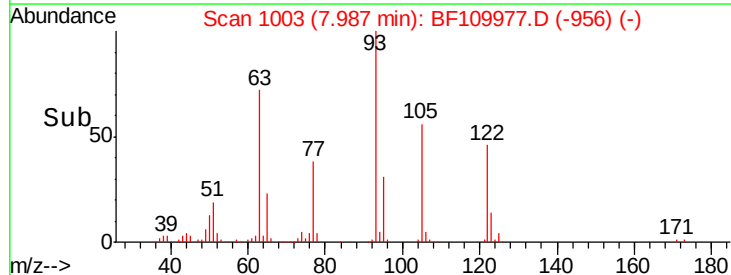
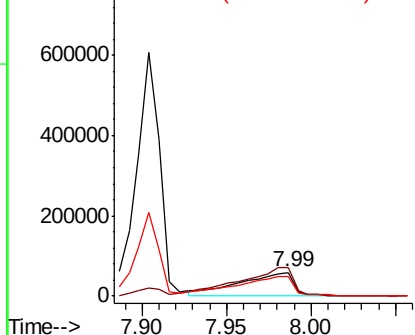


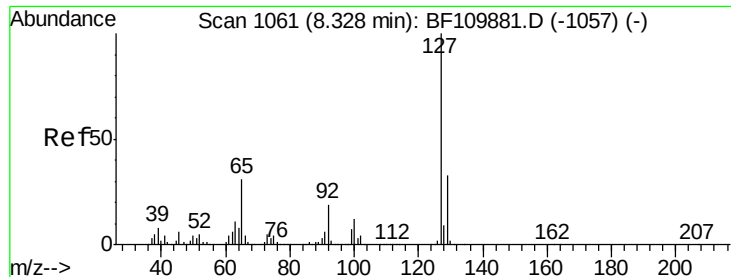
#32
Benzoic acid
Concen: 15.331 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

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

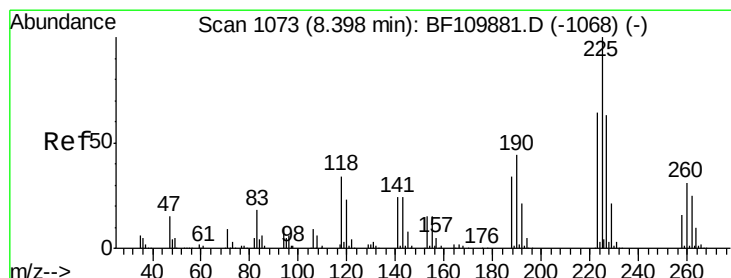
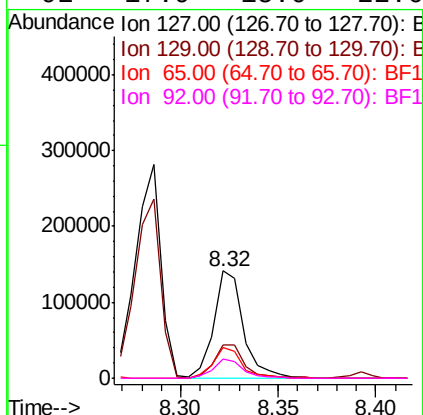
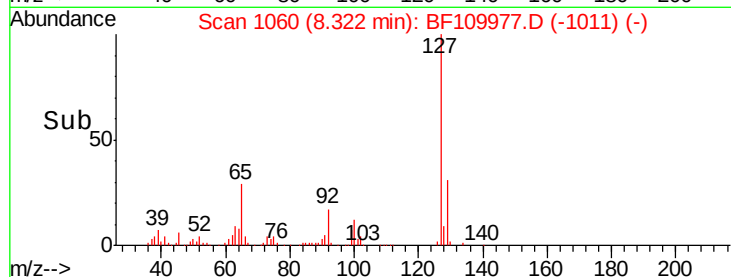
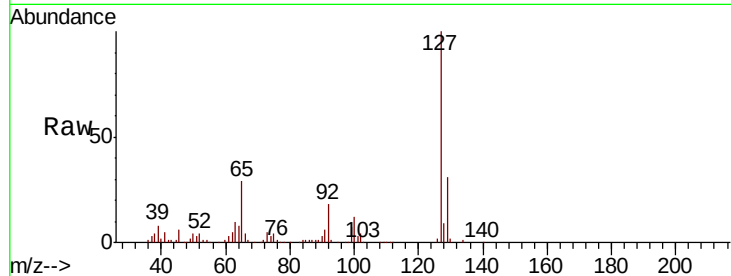




#33
4-Chloroaniline
Concen: 7.716 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

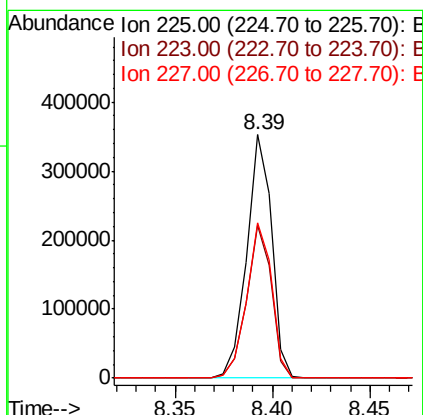
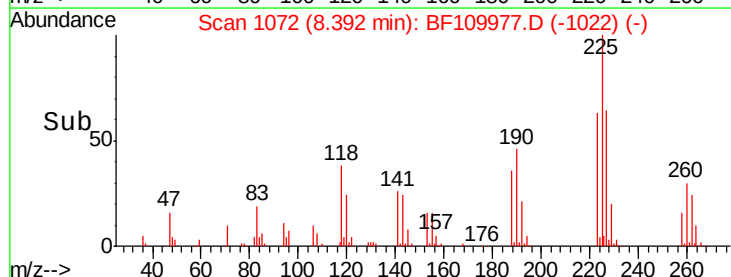
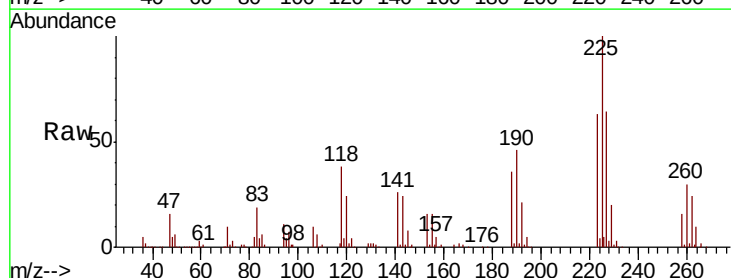
Instrument :
BNA_F
ClientSampleId :

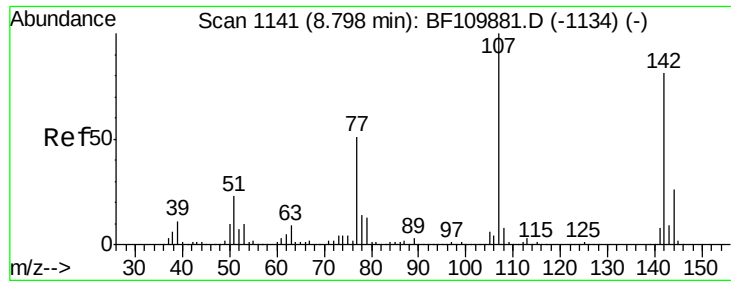
Tot Ion:	127	Resp:	148872
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.0	39.0
65	28.9	25.1	37.7
92	17.9	15.0	22.6



#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

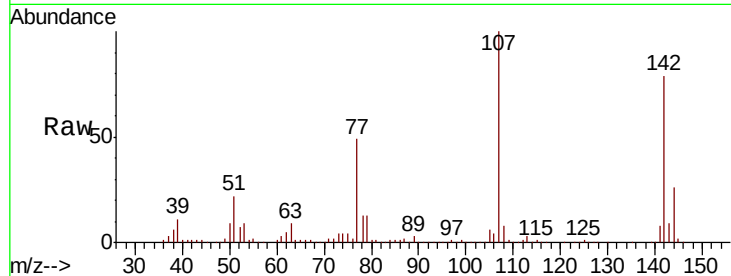




#36
 4-Chloro-3-methylphenol
 Concen: 42.038 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.0	30.0
142	79.2	59.7	89.5

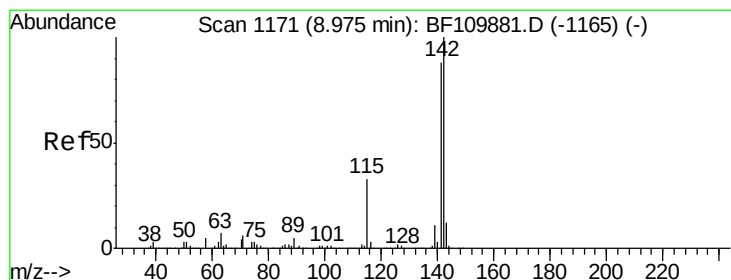
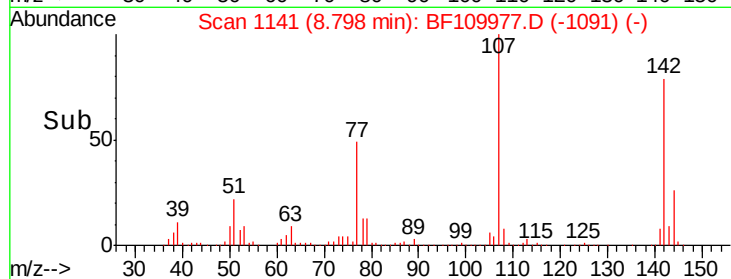
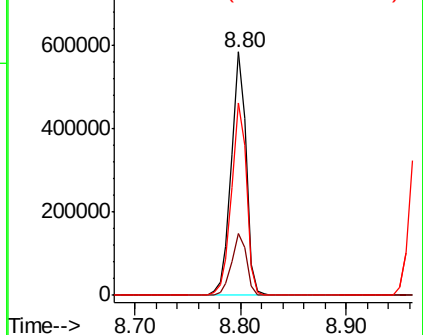


Abundance

Ion 107.00 (106.70 to 107.70): E

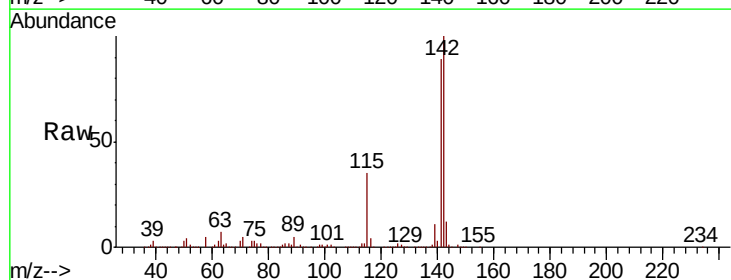
Ion 144.00 (143.70 to 144.70): E

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

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.2
115	34.8	28.7	43.1

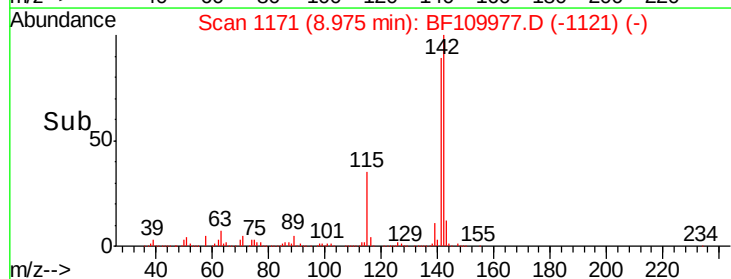
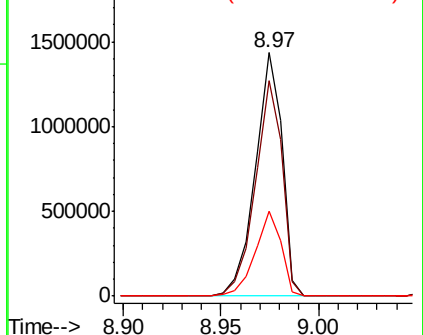


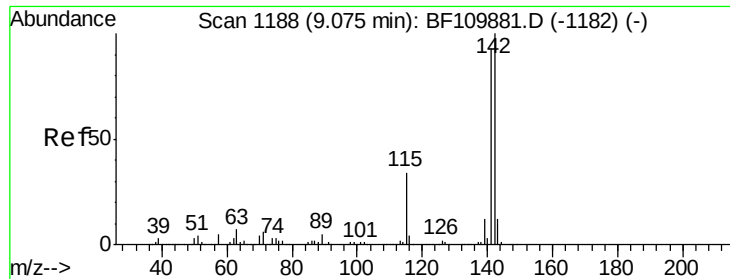
Abundance

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

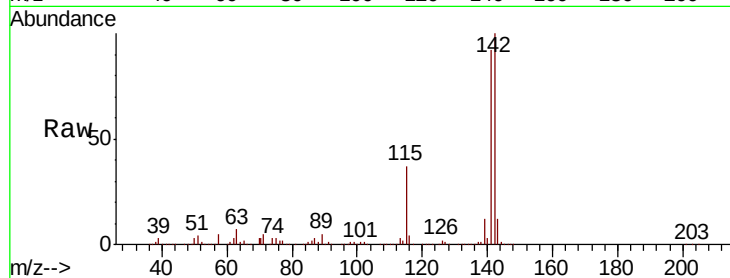




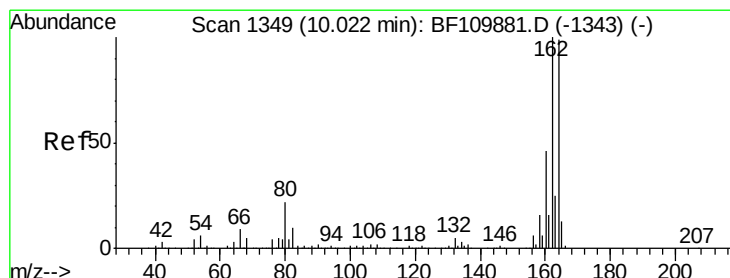
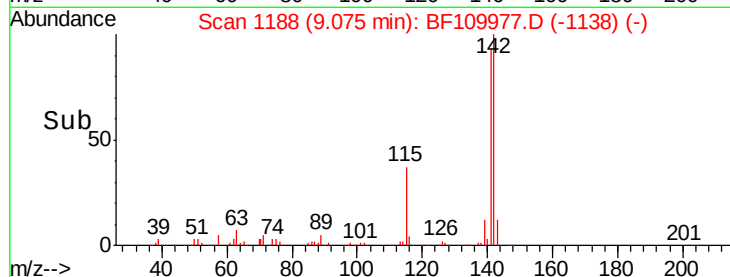
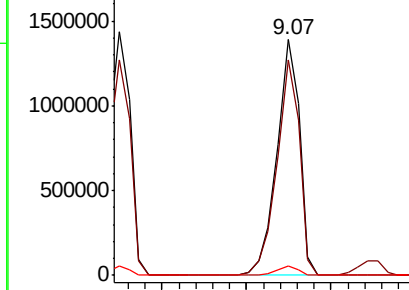
#38
1-Methylnaphthalene
Concen: 48.138 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1296486
Ion Ratio Lower Upper
142 100
141 91.6 74.2 111.4
116 3.8 2.6 4.0

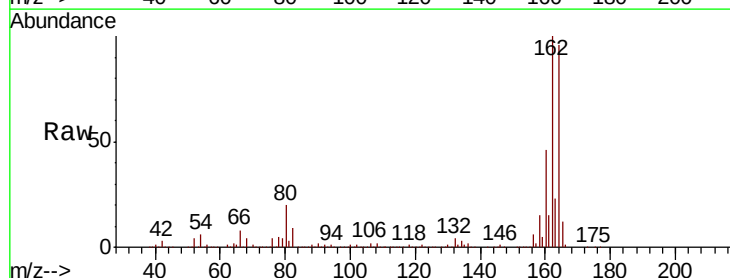


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

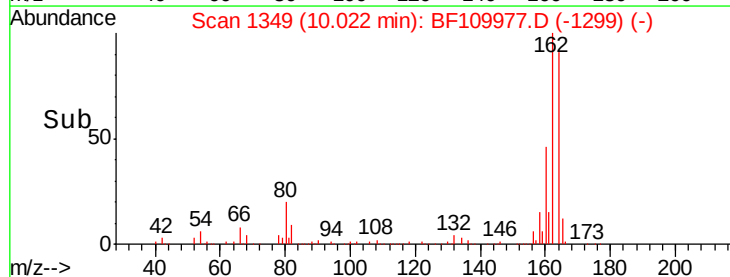
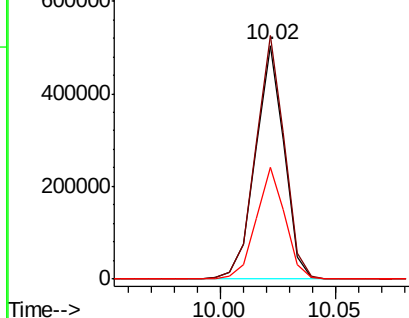


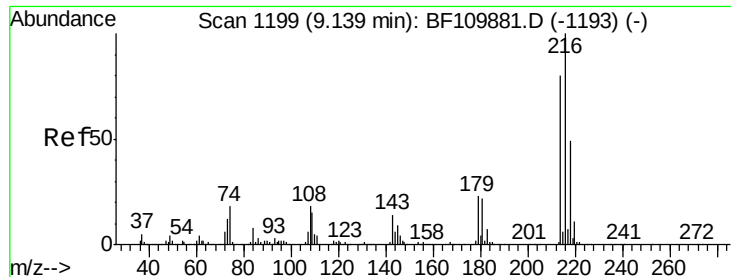
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt 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

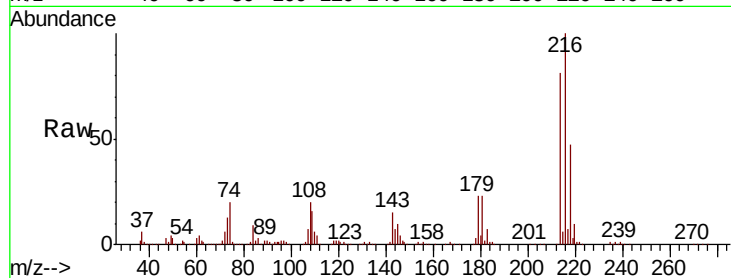




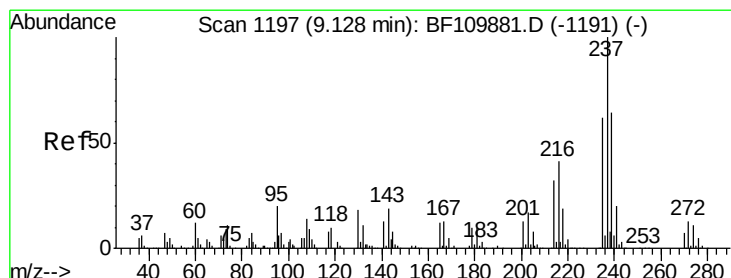
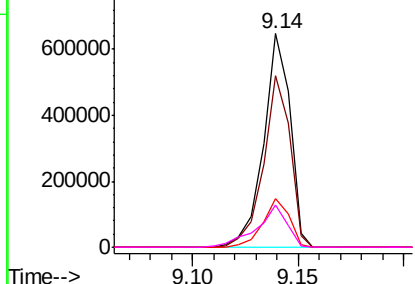
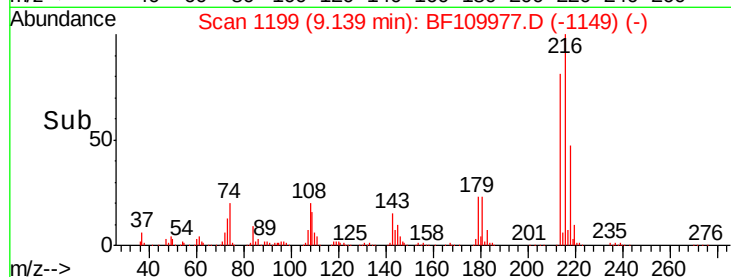
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.454 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Instrument :
 BNA_F
 ClientSampled :

Tot 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

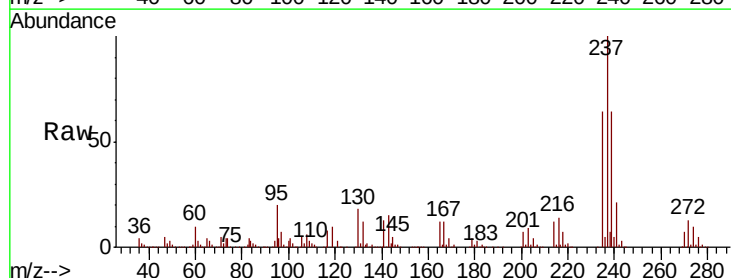


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

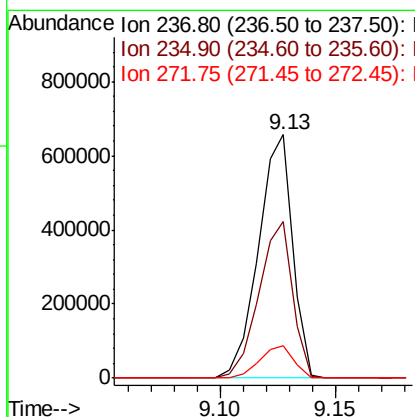
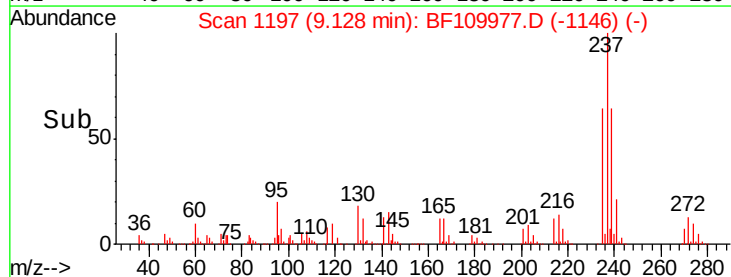


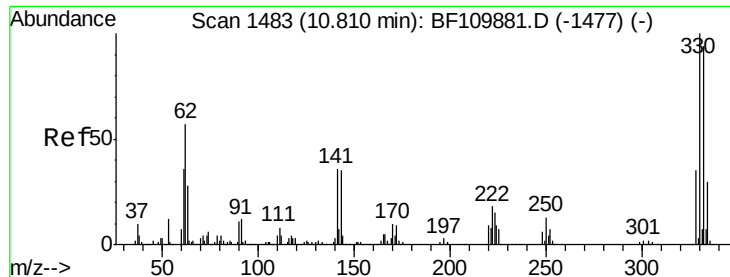
#41
 Hexachlorocyclopentadiene
 Concen: 104.576 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Tgt 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

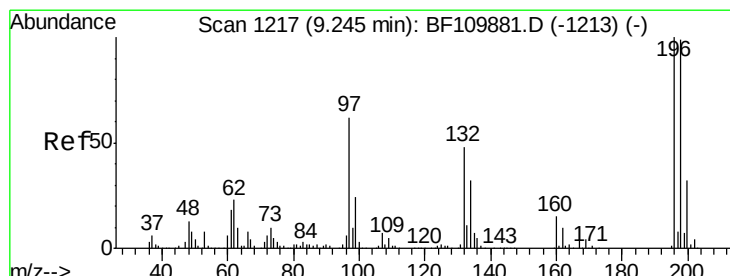
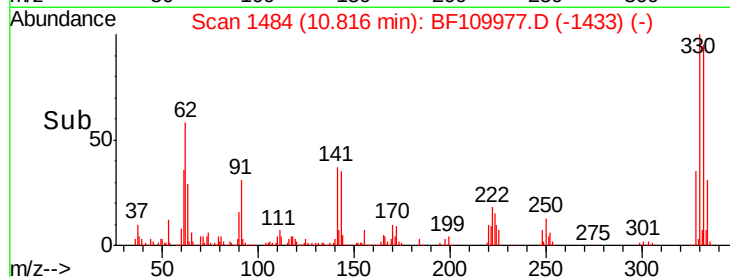
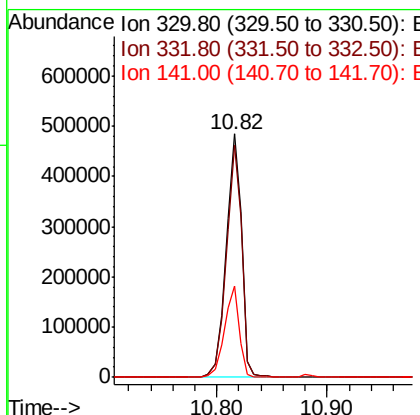
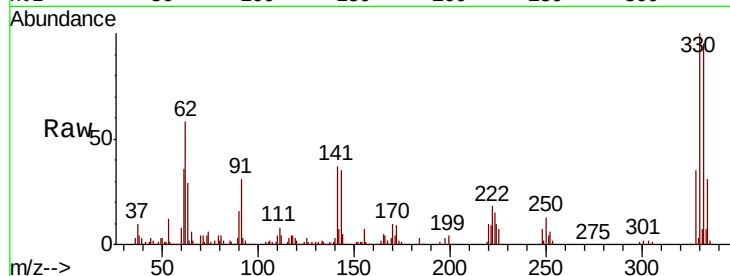




#42
 2,4,6-Tribromophenol
 Concen: 125.505 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

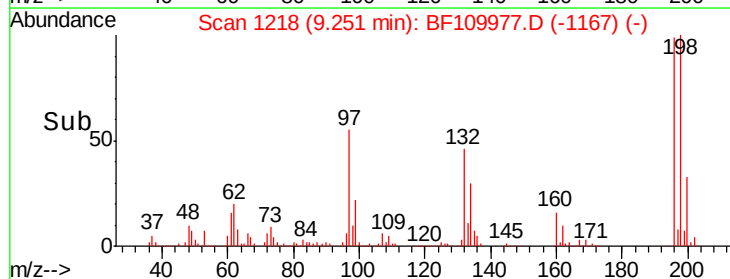
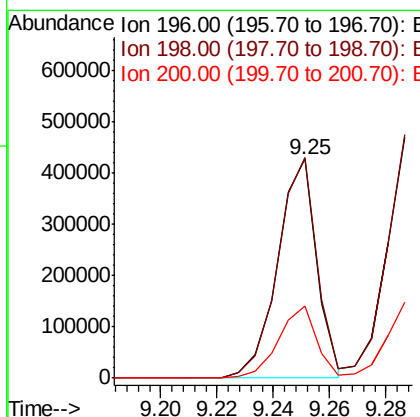
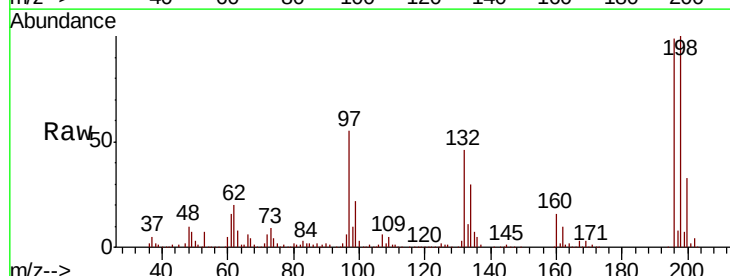
Instrument :
 BNA_F
 ClientSampleId :

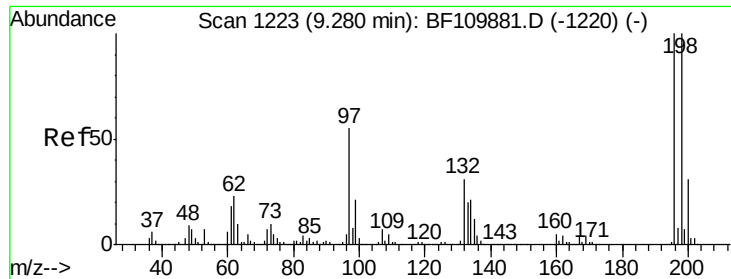
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.1	115.7
141	36.2	27.0	40.4



#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

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.7	76.2	114.4
200	32.7	24.4	36.6

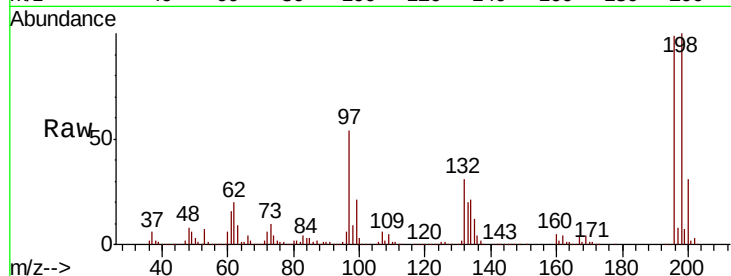




#44
 2,4,5-Trichlorophenol
 Concen: 49.044 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Instrument :
 BNA_F
 ClientSampled :

Tot 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



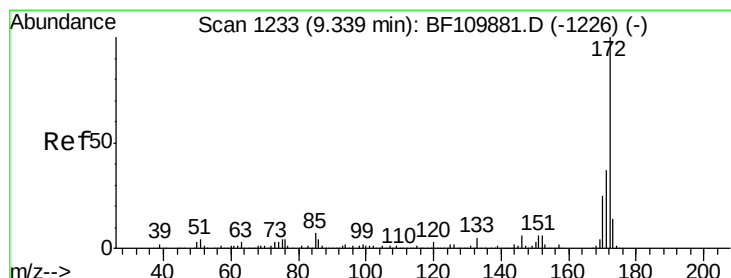
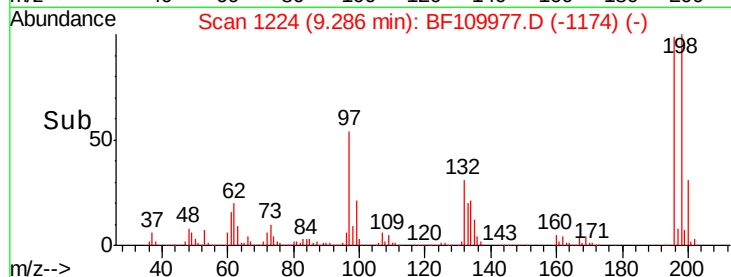
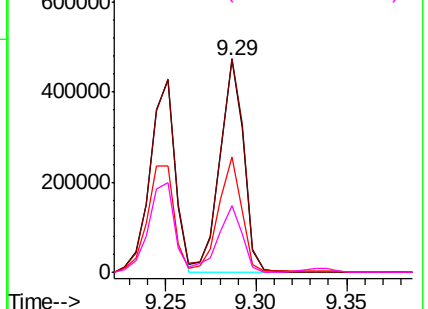
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

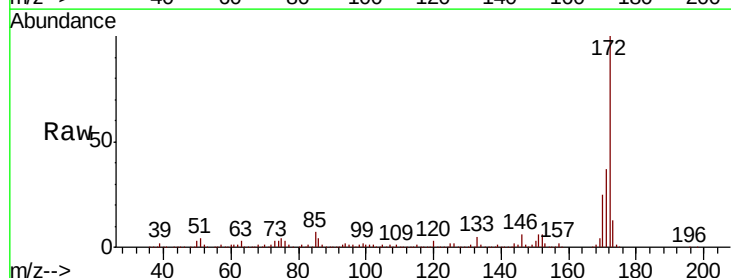
Ion 97.00 (96.70 to 97.70): BF1

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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.6	43.0
170	24.6	19.7	29.5

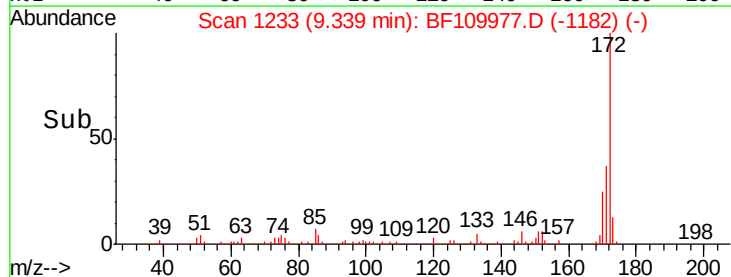
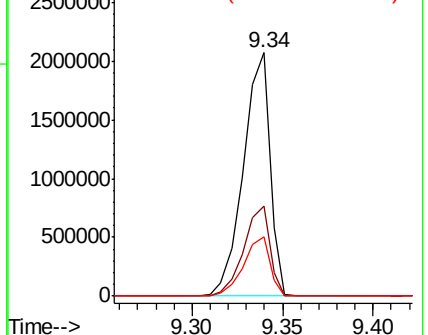


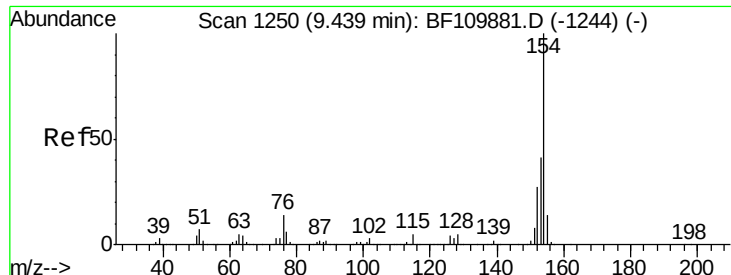
Abundance

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

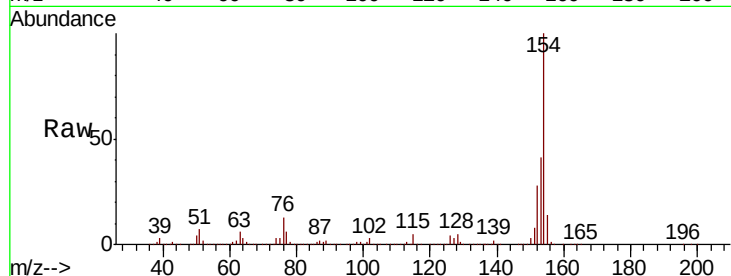




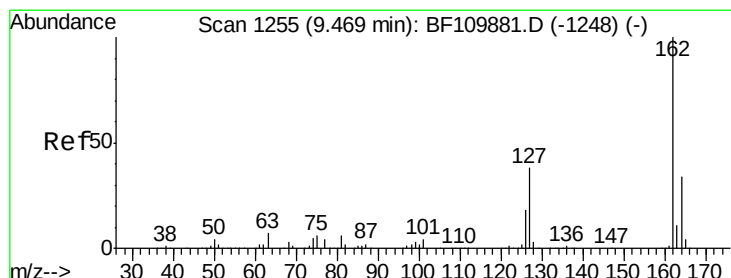
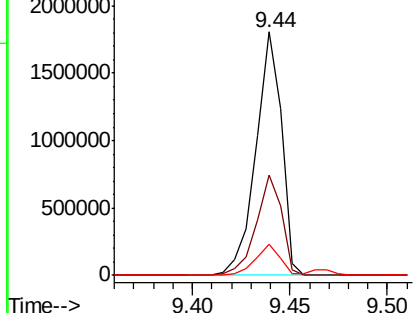
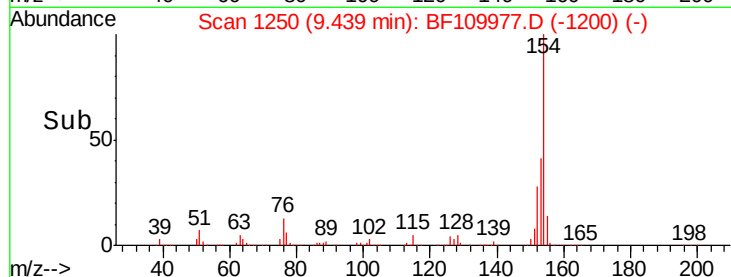
#46
 1,1'-Biphenyl
 Concen: 42.431 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1648428
 Ion Ratio Lower Upper
 154 100
 153 41.3 20.4 60.4
 76 12.7 0.0 31.9

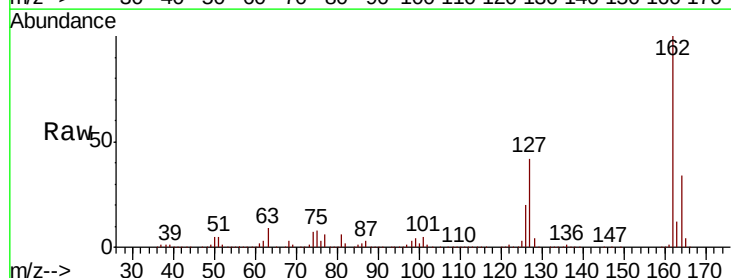


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

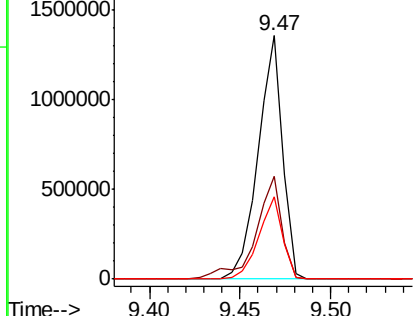
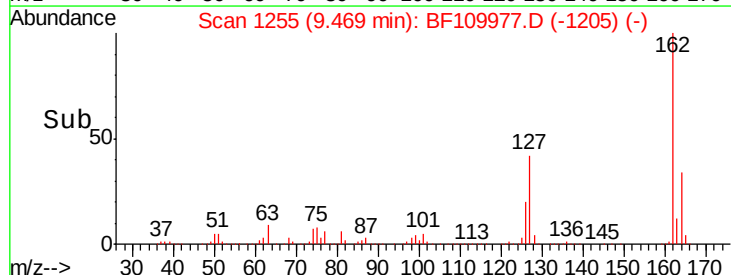


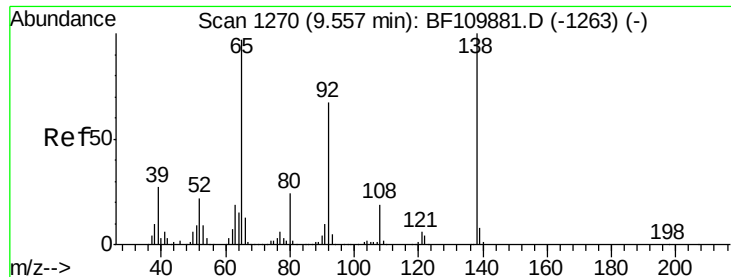
#47
 2-Chloronaphthalene
 Concen: 44.093 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Tgt 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

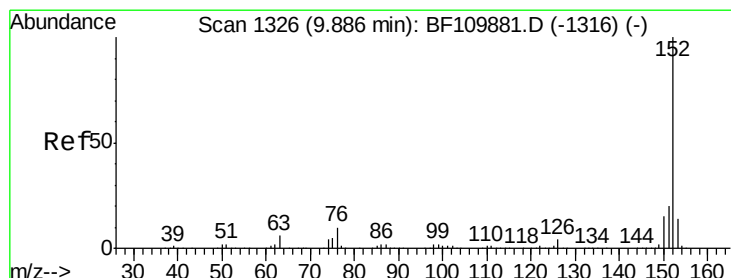
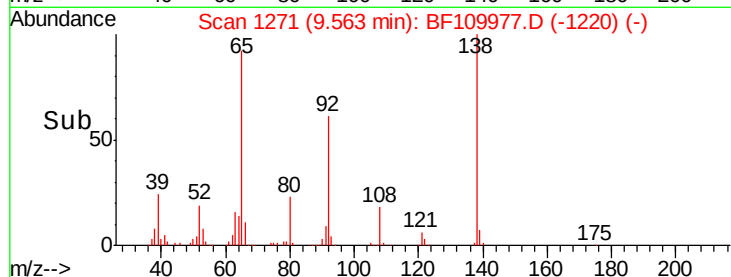
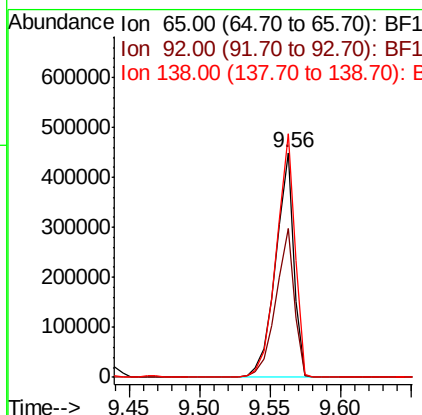
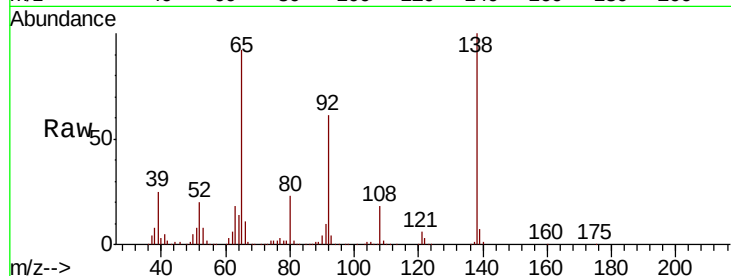




#48
2-Nitroaniline
Concen: 55.473 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

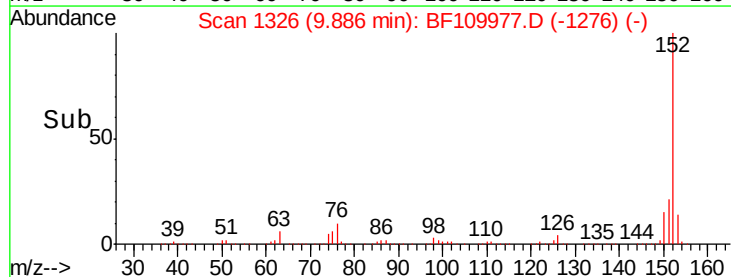
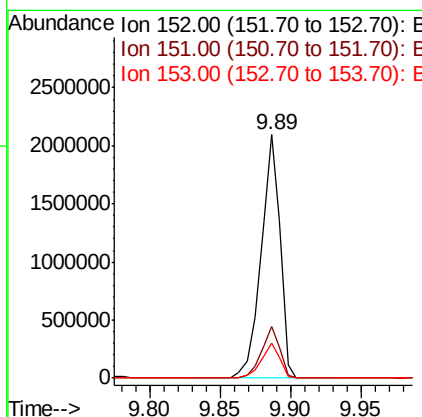
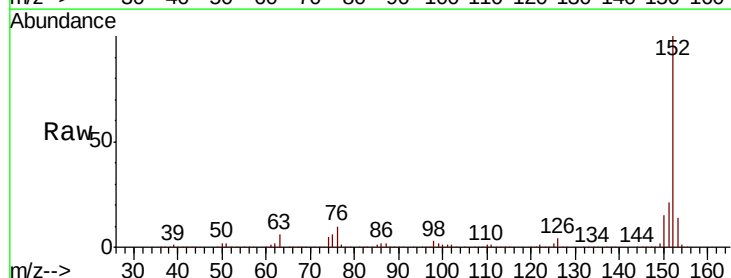
Instrument :
BNA_F
ClientSampleId :

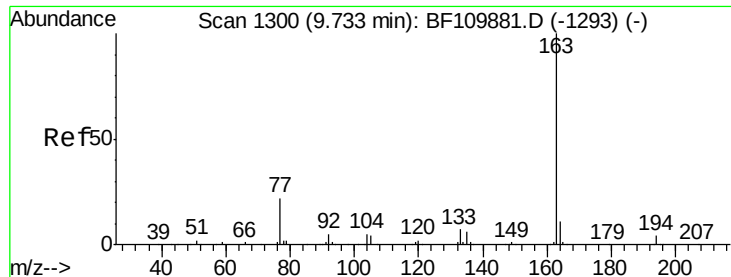
Tot Ion: 65 Resp: 407379
Ion Ratio Lower Upper
65 100
92 66.5 54.6 81.8
138 108.2 80.3 120.5



#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

Tgt Ion: 152 Resp: 1987433
Ion Ratio Lower Upper
152 100
151 21.0 15.8 23.8
153 14.3 10.4 15.6

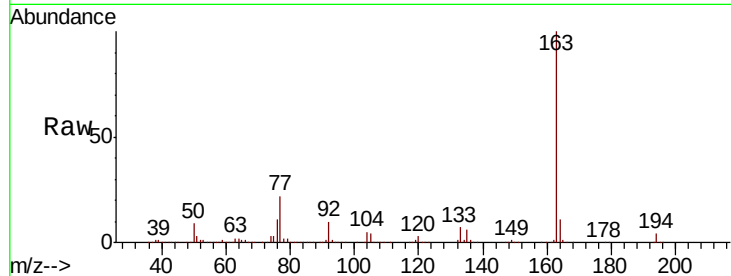




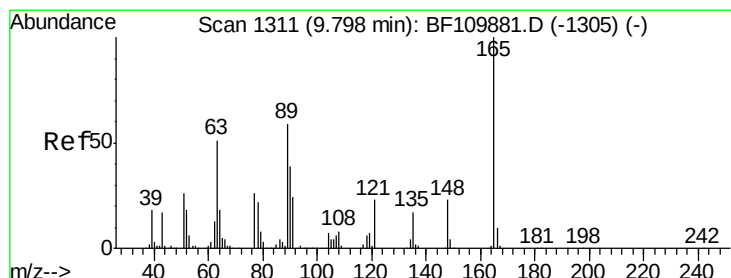
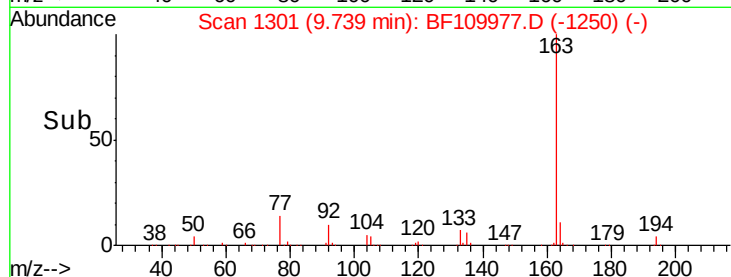
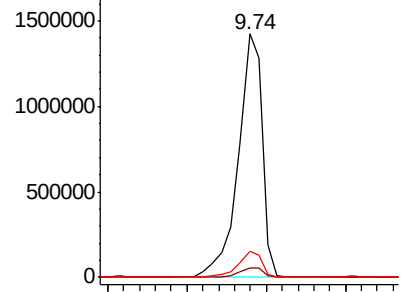
#50
Dimethylphthalate
Concen: 48.319 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1491868
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.7 8.1 12.1

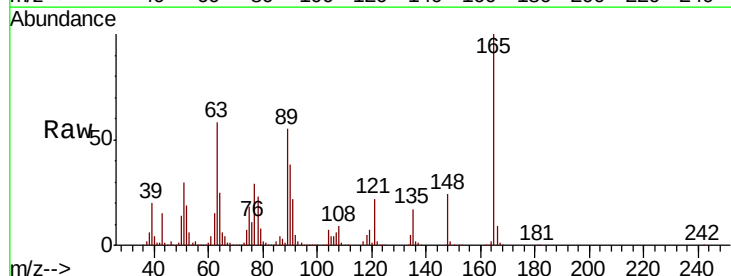


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

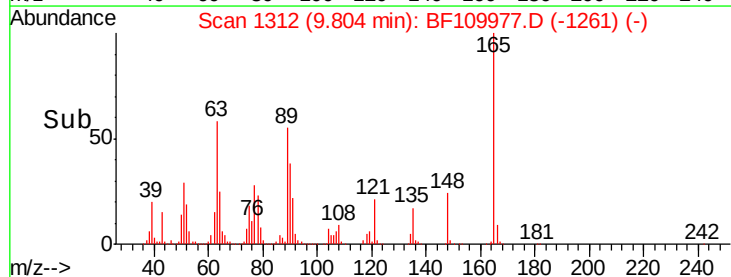
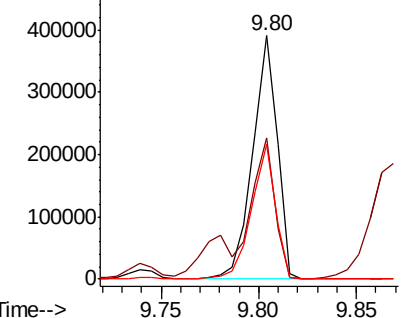


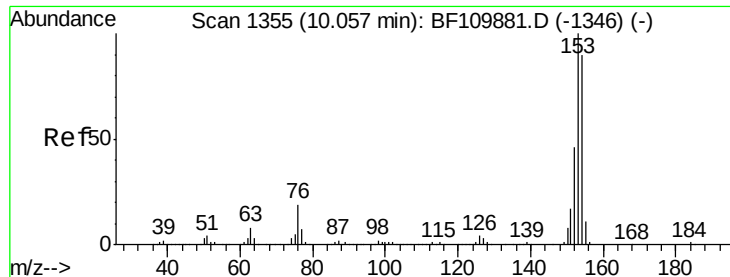
#51
2,6-Dinitrotoluene
Concen: 58.197 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

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



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





#52

Acenaphthene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

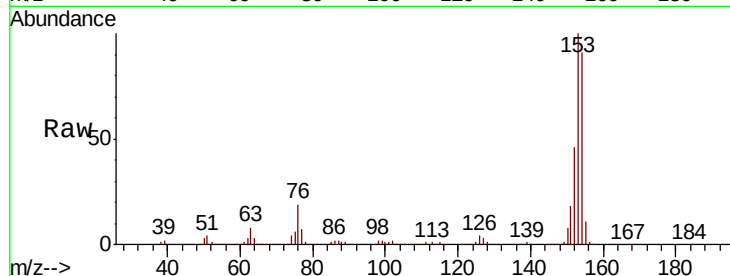
Tot Ion:154 Resp: 1275206

Ion Ratio Lower Upper

154 100

153 109.4 90.1 135.1

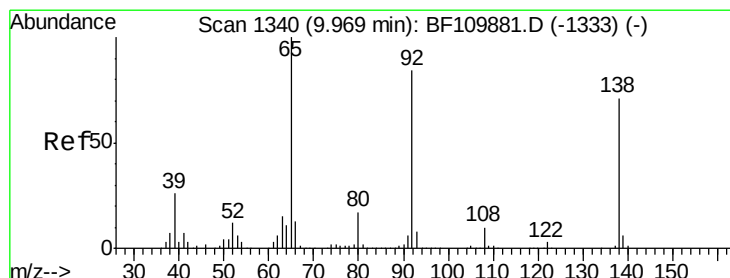
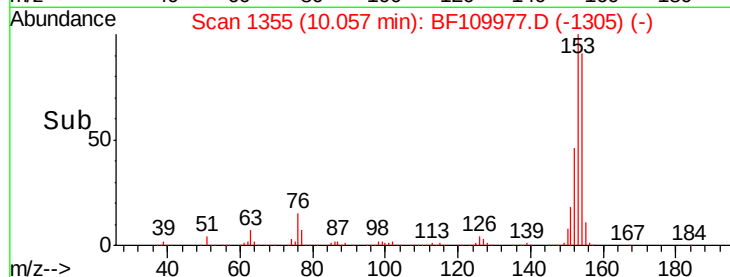
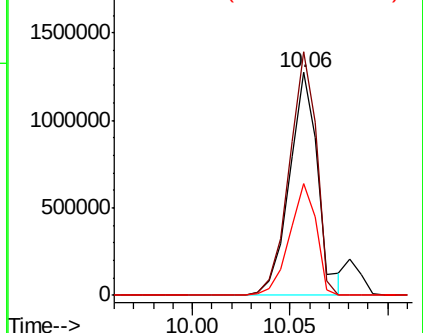
152 50.5 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 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

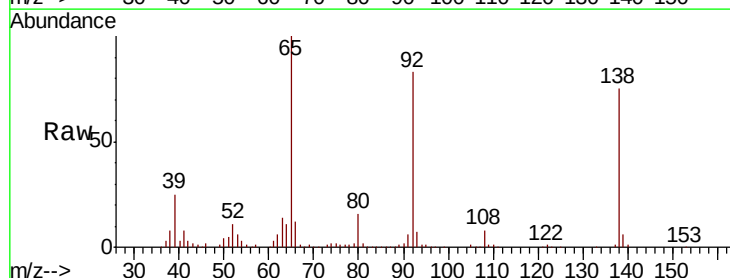
Tgt Ion:138 Resp: 108896

Ion Ratio Lower Upper

138 100

108 11.3 8.7 13.1

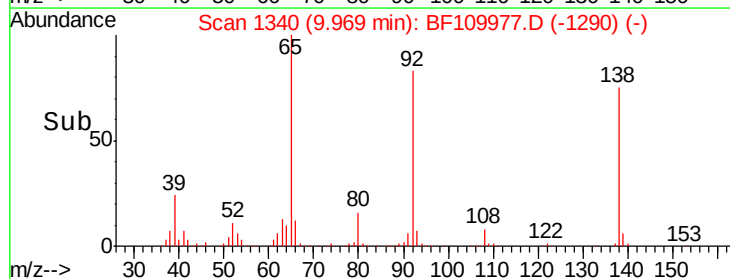
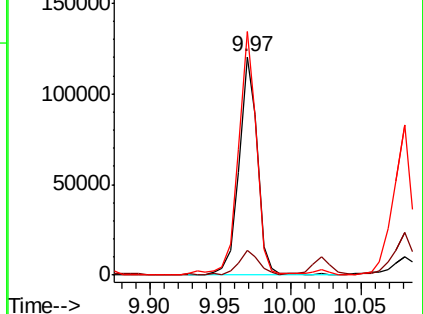
92 111.6 97.0 145.4

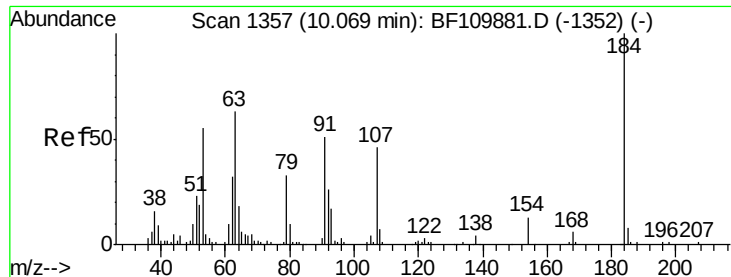


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

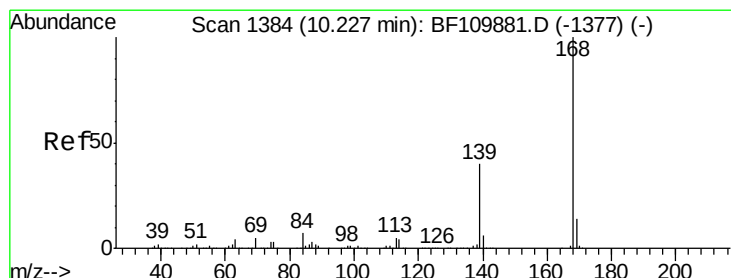
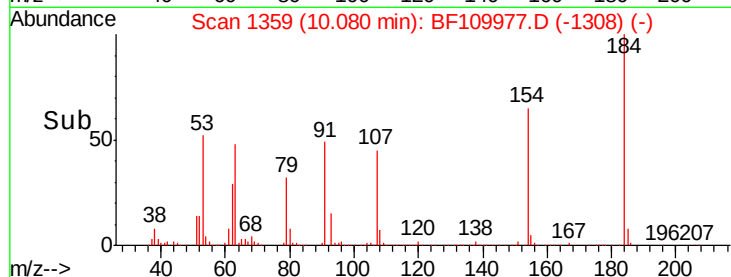
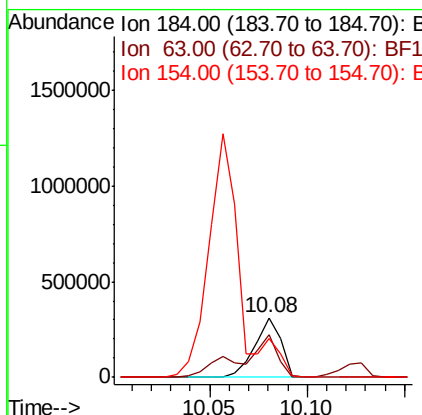
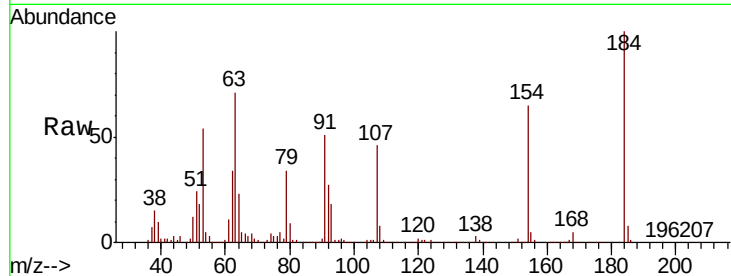




#54
 2,4-Dinitrophenol
 Concen: 146.499 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

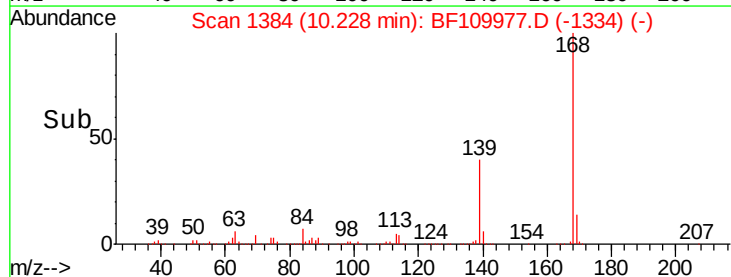
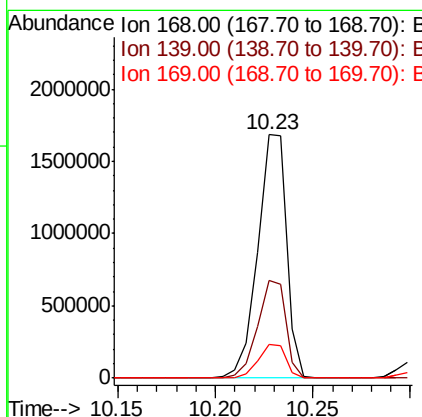
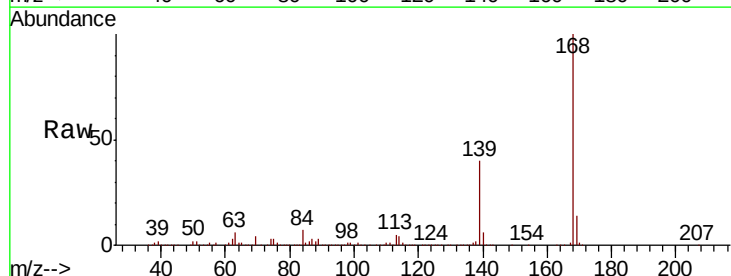
Instrument :
 BNA_F
 ClientSampleId :

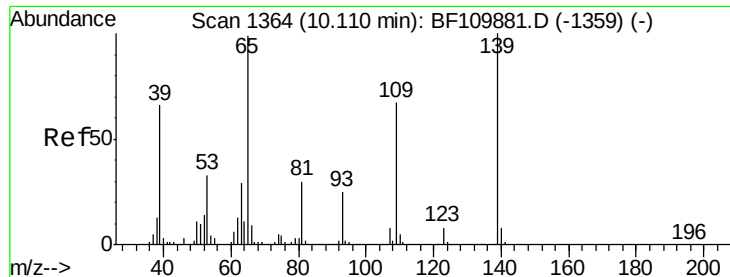
Tot Ion	Ratio	Lower	Upper
184	100		
63	71.1	55.8	83.6
154	65.5	63.2	94.8



#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

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	33.0	49.6
169	14.1	11.3	16.9

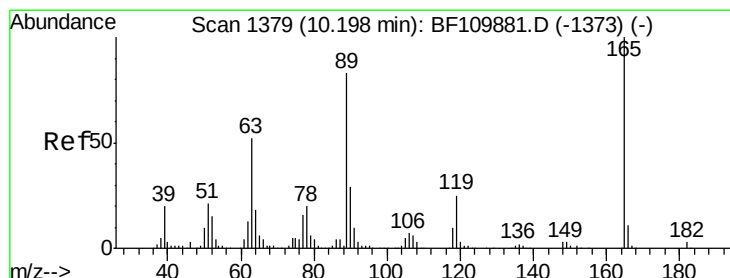
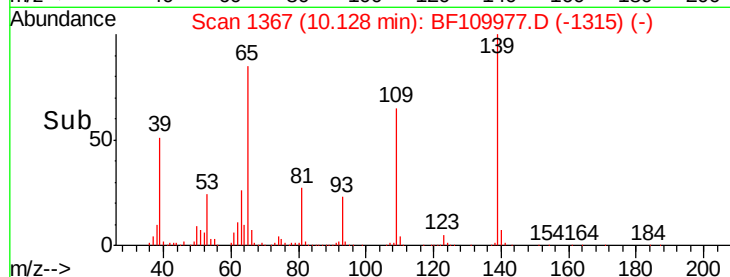
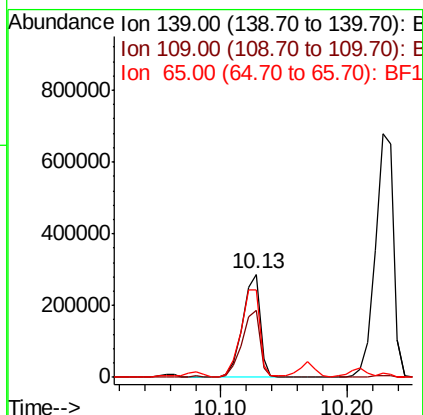
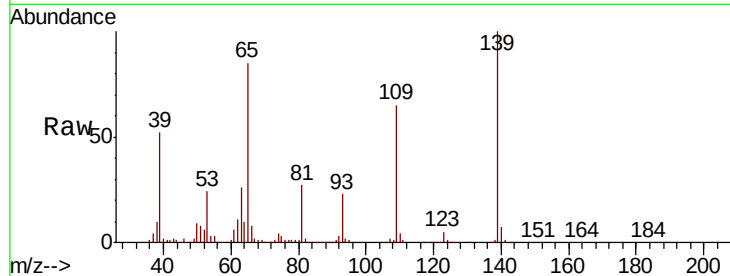




#56
4-Nitrophenol
Concen: 49.981 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

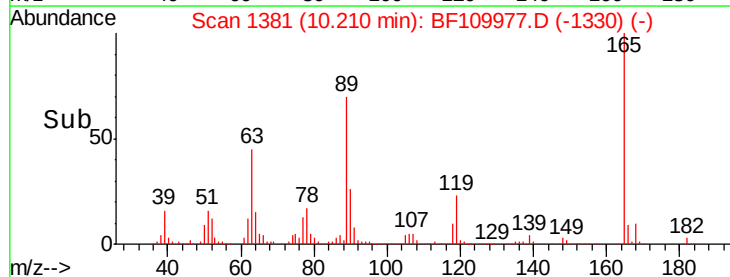
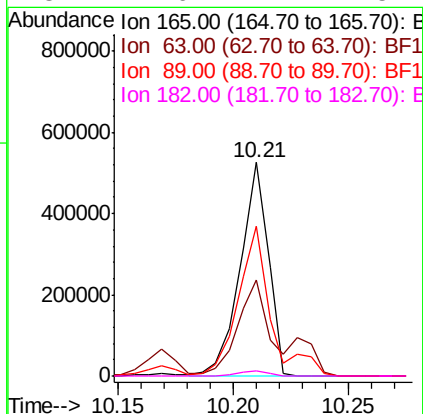
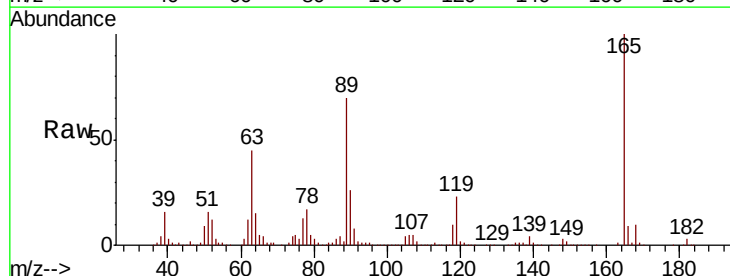
Instrument :
BNA_F
ClientSampleId :

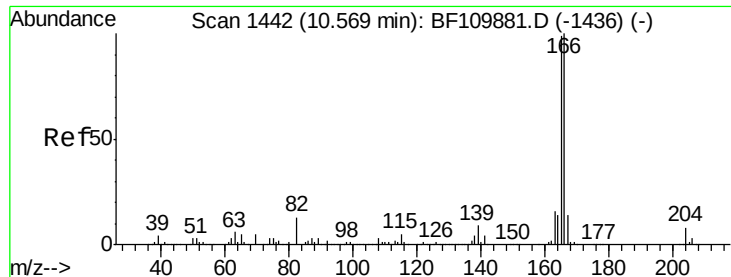
Tot Ion:139 Resp: 272052
Ion Ratio Lower Upper
139 100
109 65.1 55.8 95.8
65 85.0 77.9 117.9



#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

Tgt Ion:165 Resp: 449528
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

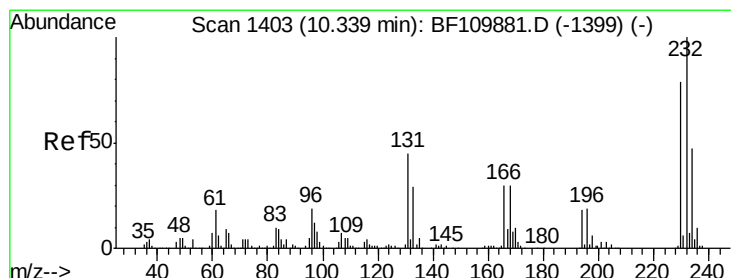
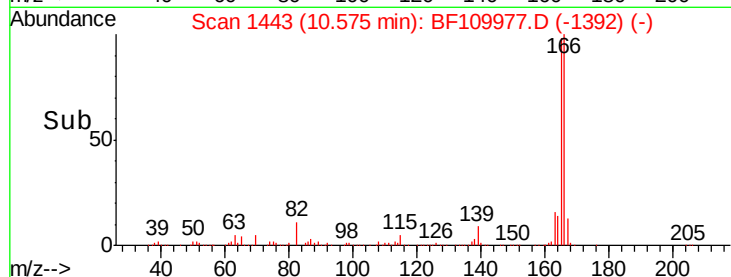
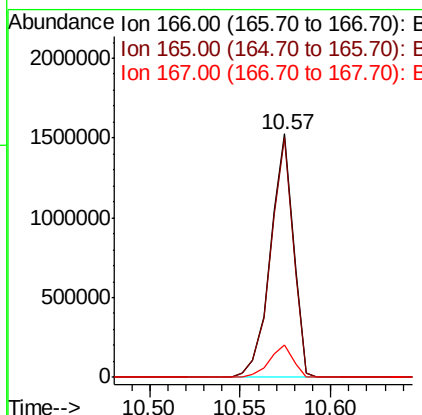
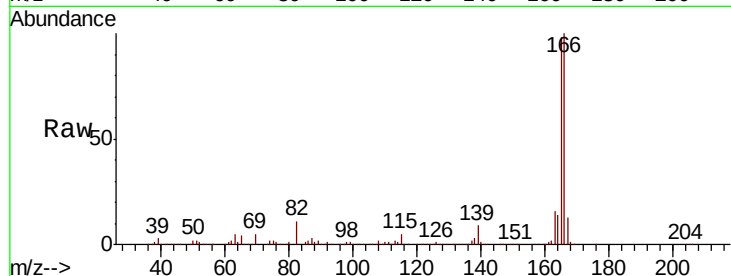




#58
 Fluorene
 Concen: 48.632 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

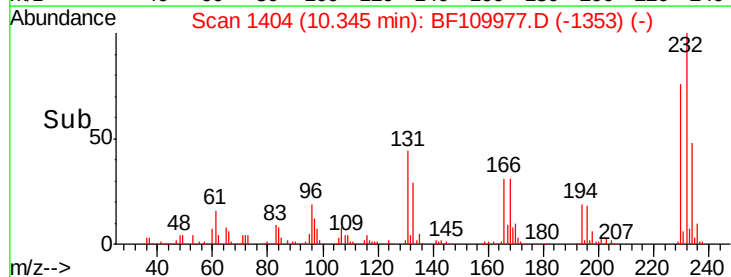
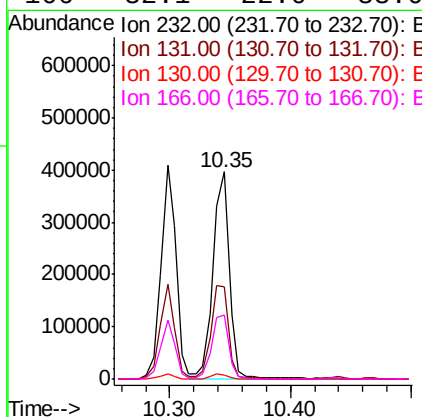
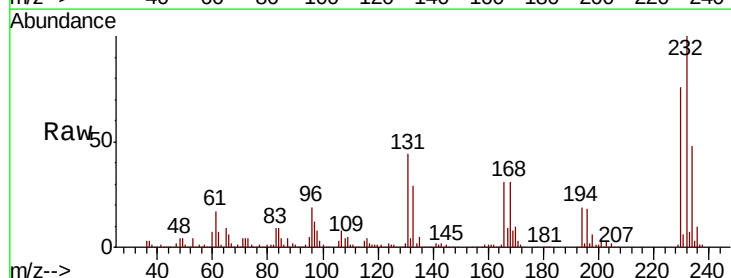
Instrument :
 BNA_F
 ClientSampleId :

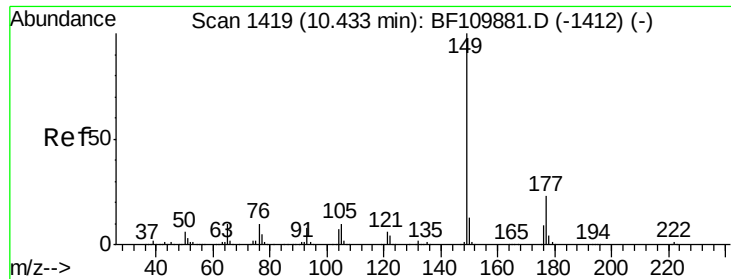
Tot Ion:166 Resp: 1336238
 Ion Ratio Lower Upper
 166 100
 165 98.4 78.6 117.8
 167 13.4 10.8 16.2



#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

Tgt 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

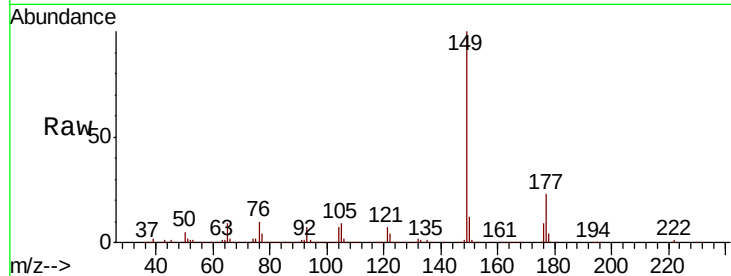




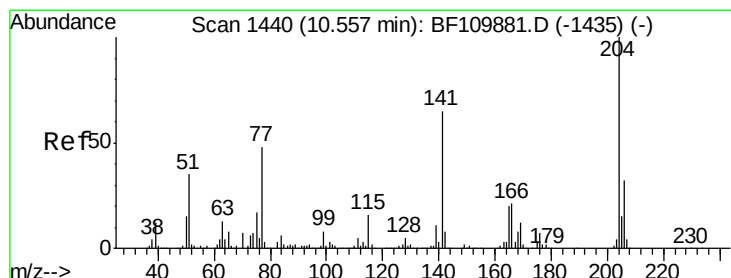
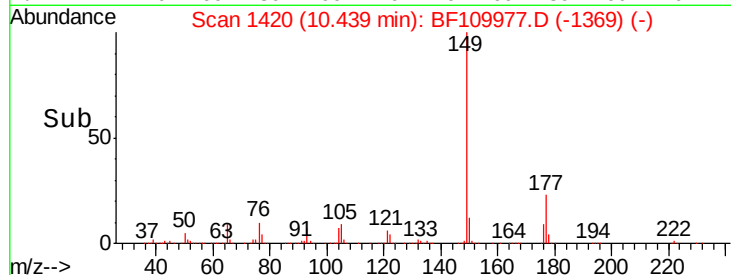
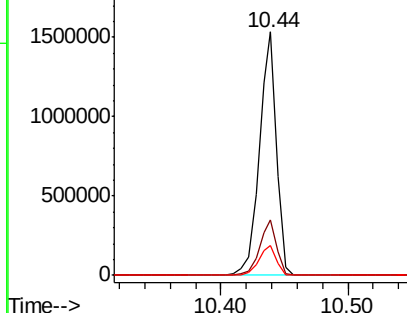
#60
Diethylphthalate
Concen: 47.618 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Instrument :
BNA_F
ClientSampleId :

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

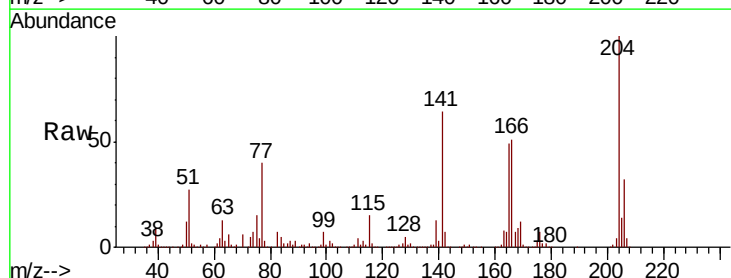


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

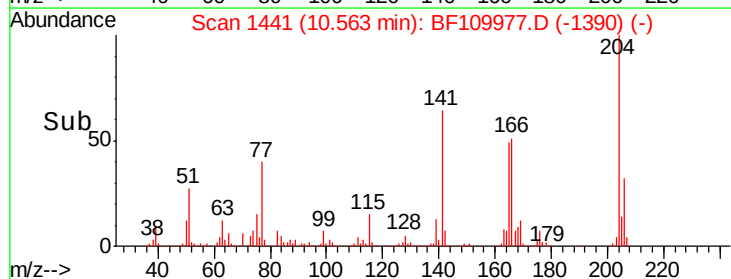
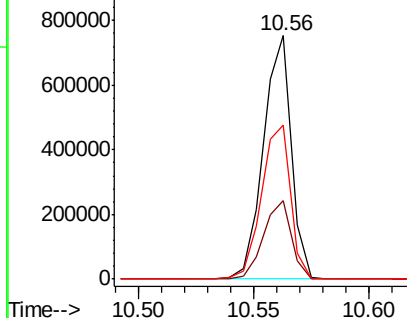


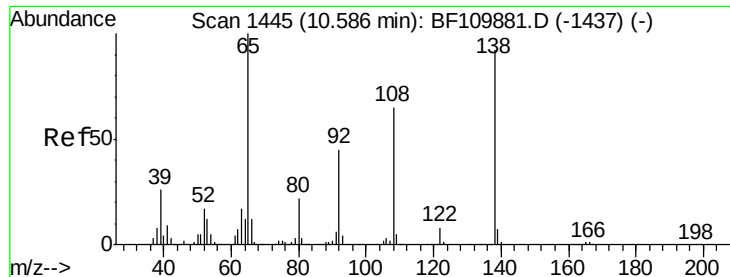
#61
4-Chlorophenyl-phenylether
Concen: 44.347 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt 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

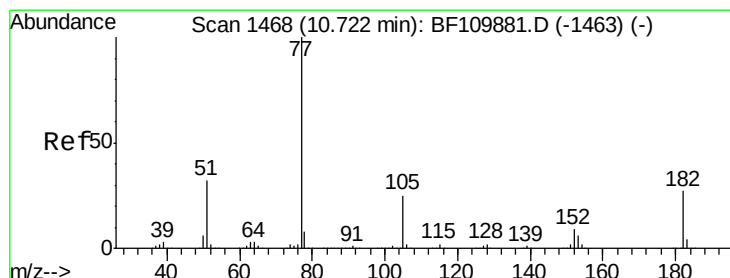
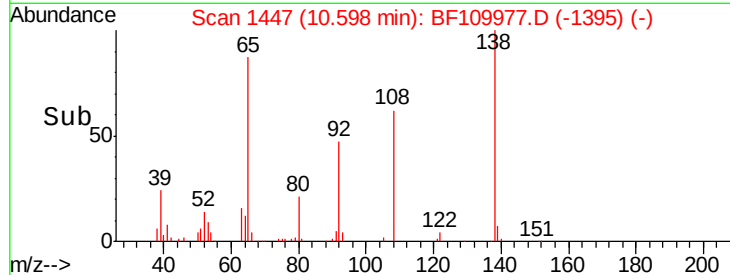
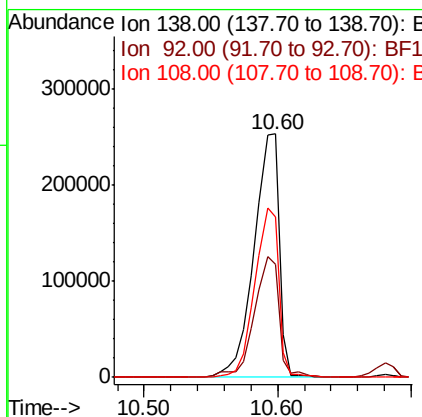
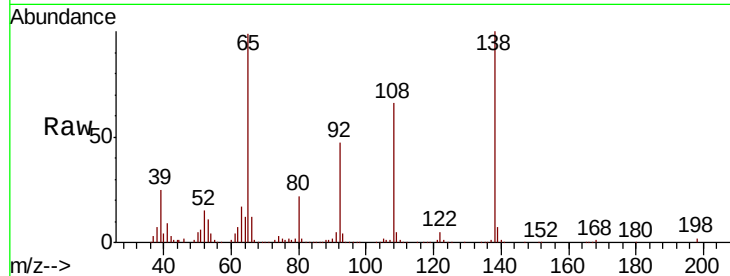




#62
 4-Nitroaniline
 Concen: 48.794 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

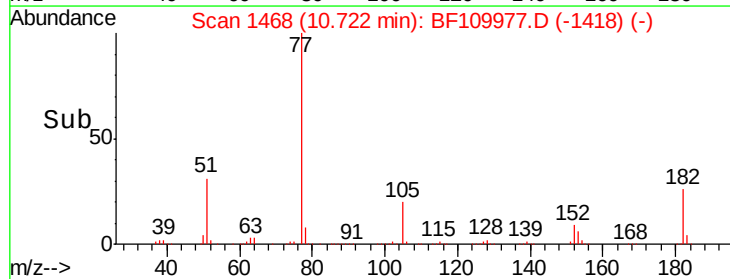
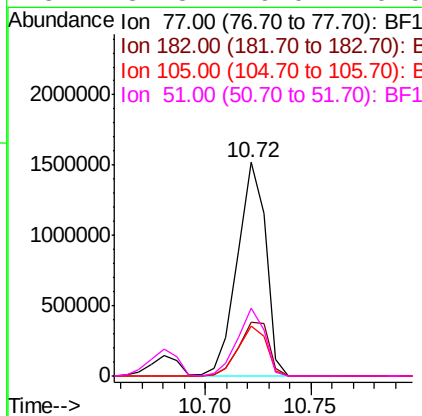
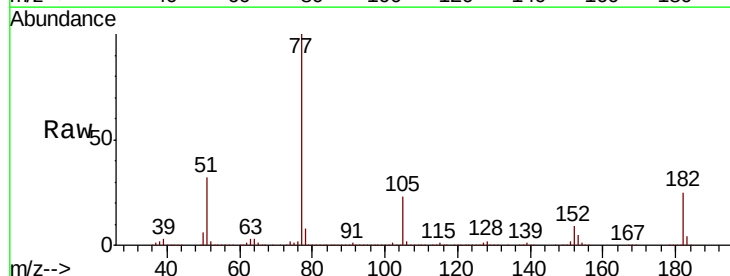
Instrument :
 BNA_F
 ClientSampleId :

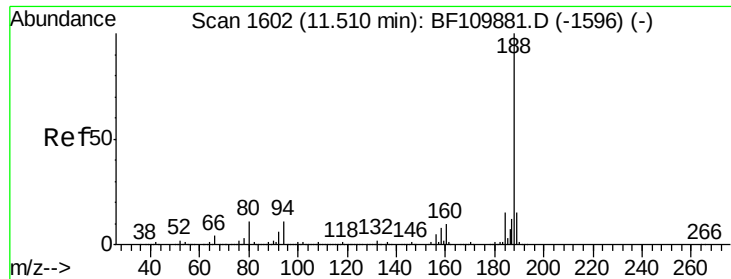
Tot Ion:138 Resp: 329488
 Ion Ratio Lower Upper
 138 100
 92 46.7 31.7 71.7
 108 65.7 59.3 99.3



#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

Tgt 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

Instrument :

BNA_F

ClientSampled :

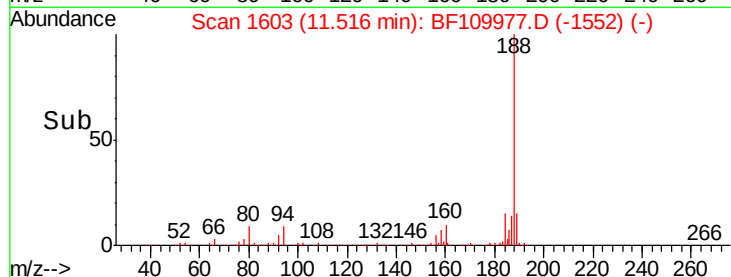
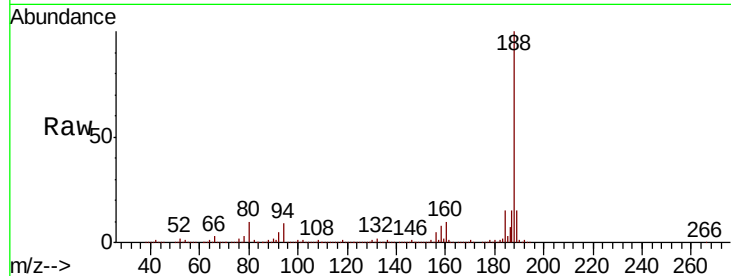
Tot Ion:188 Resp: 805453

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

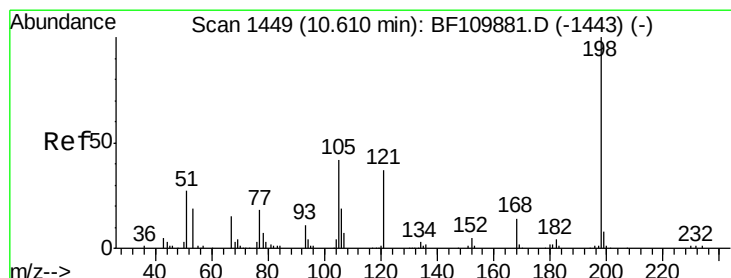
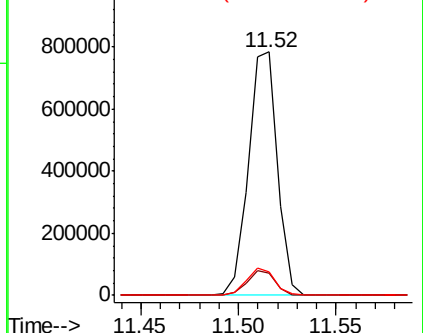
80 9.6 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 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

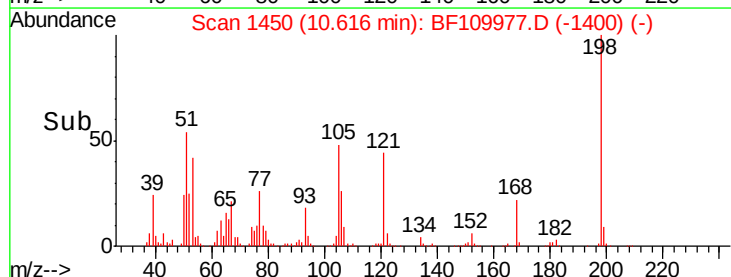
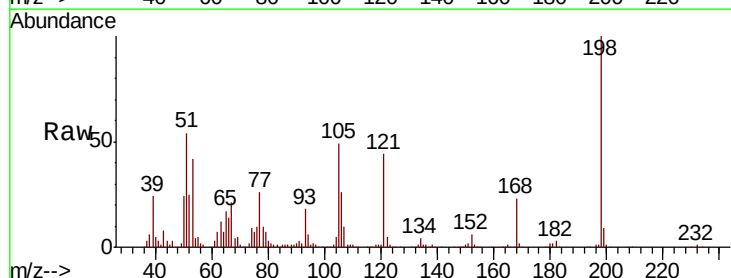
Tgt Ion:198 Resp: 194212

Ion Ratio Lower Upper

198 100

51 53.7 22.8 62.8

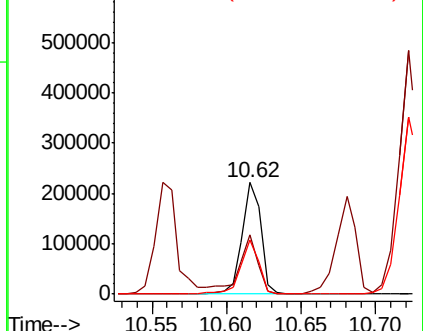
105 48.7 23.6 63.6

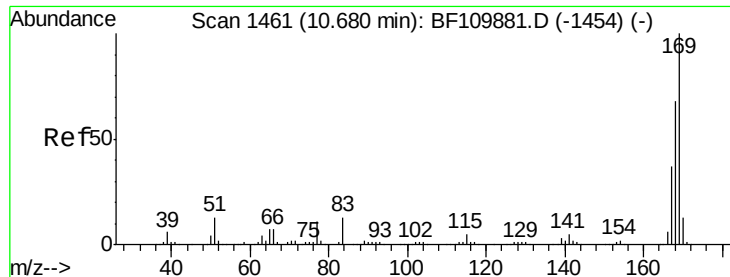


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

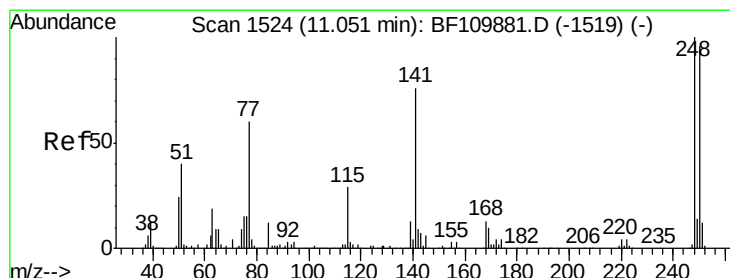
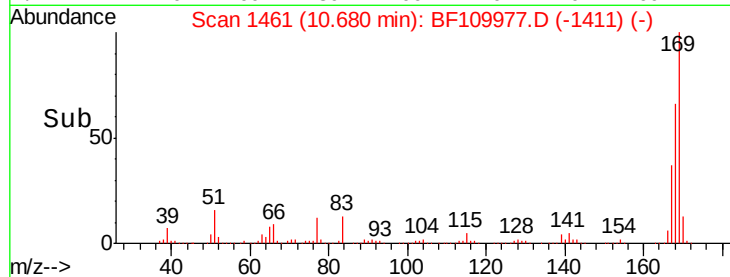
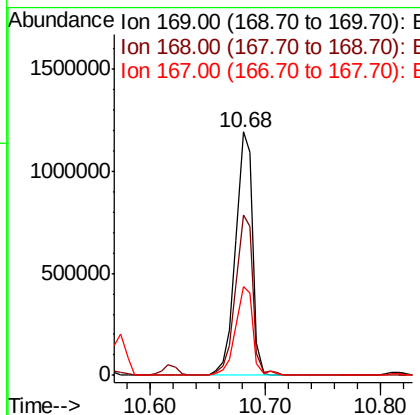
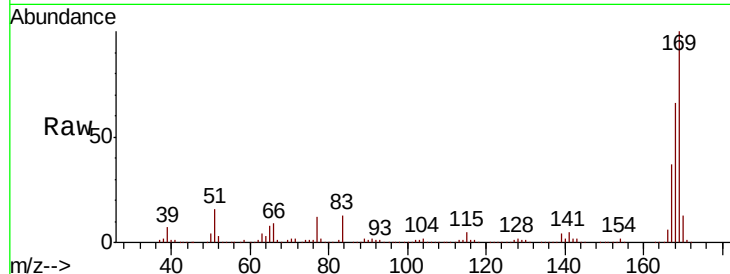




#66
 n-Nitrosodiphenylamine
 Concen: 45.194 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

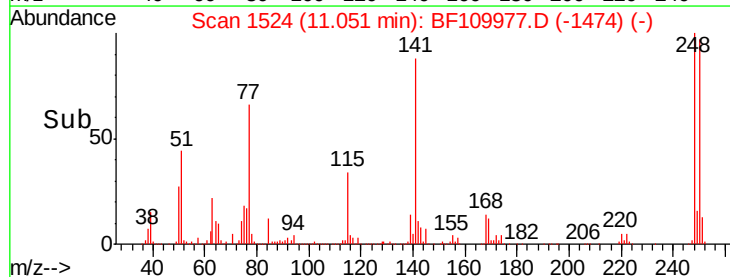
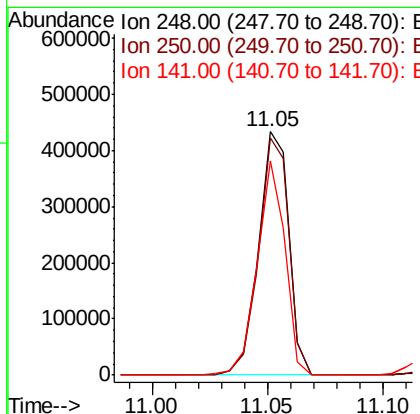
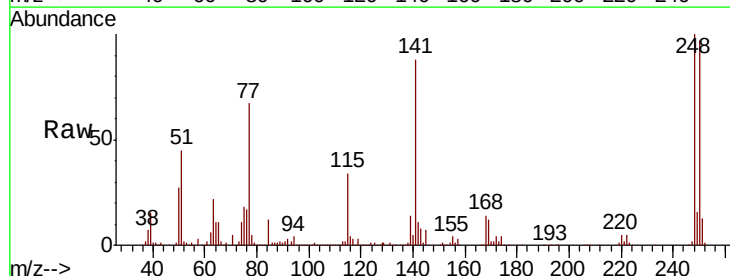
Instrument :
 BNA_F
 ClientSampleId :

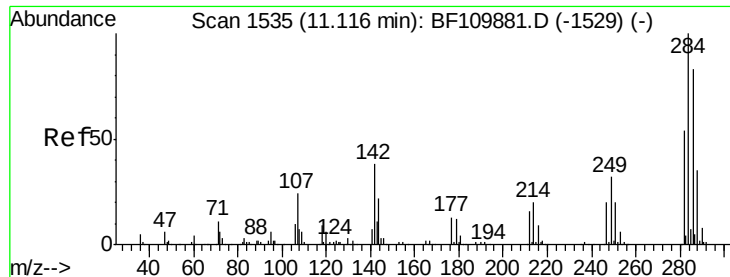
Tot Ion:169 Resp: 1212400
 Ion Ratio Lower Upper
 169 100
 168 66.1 51.2 76.8
 167 36.6 27.8 41.6



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

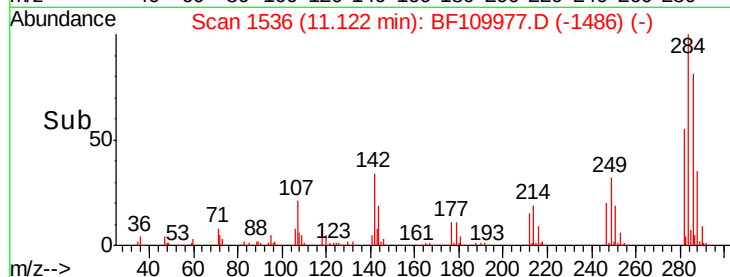
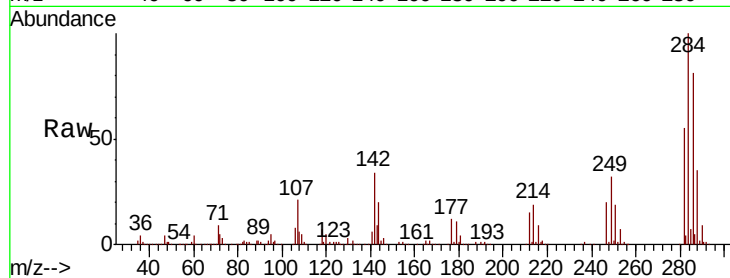
Tot Ion:284 Resp: 414994

Ion Ratio Lower Upper

284 100

142 34.0 23.9 35.9

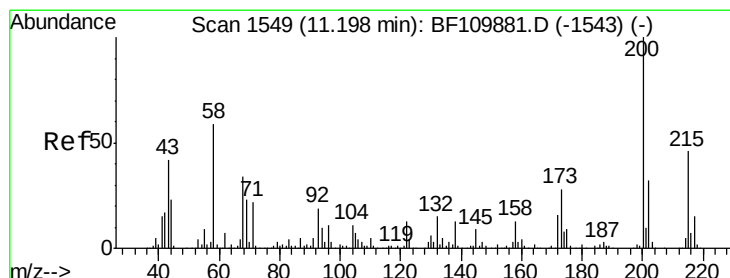
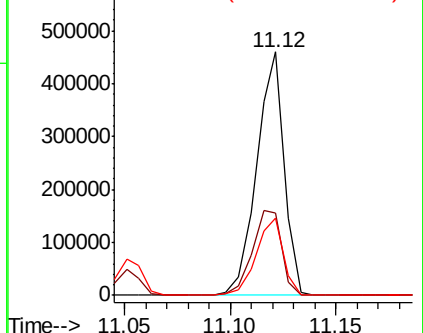
249 31.6 24.2 36.2



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

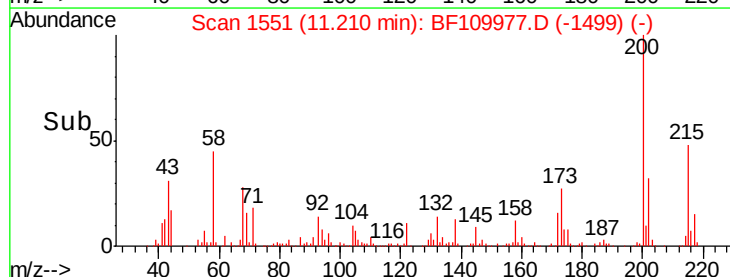
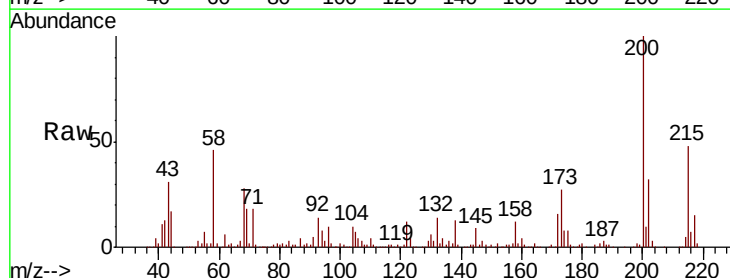
Tgt Ion:200 Resp: 375682

Ion Ratio Lower Upper

200 100

173 27.0 6.6 46.6

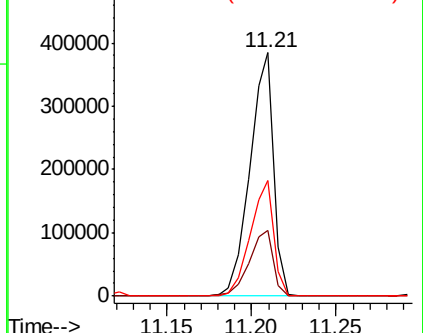
215 47.7 26.3 66.3

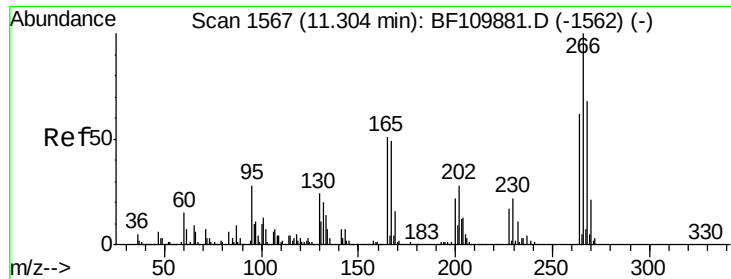


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

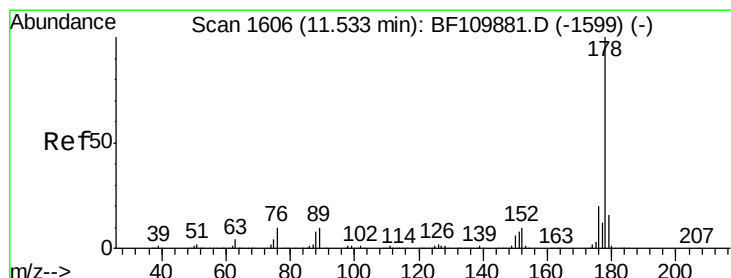
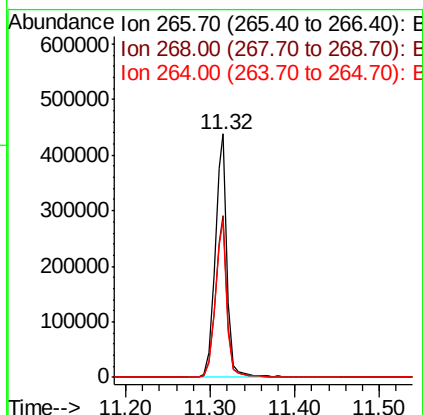
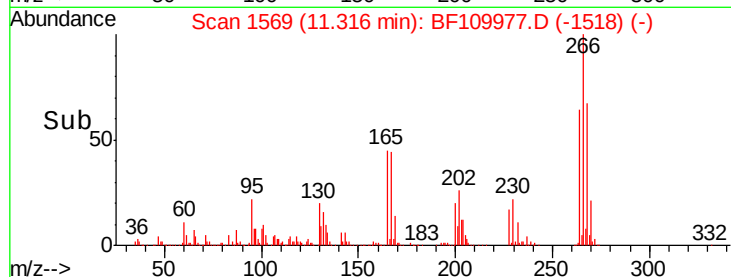
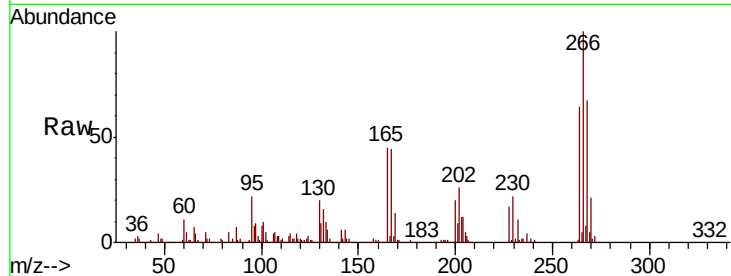




#70
 Pentachlorophenol
 Concen: 83.547 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

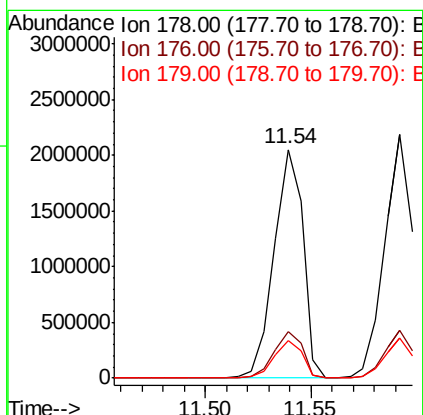
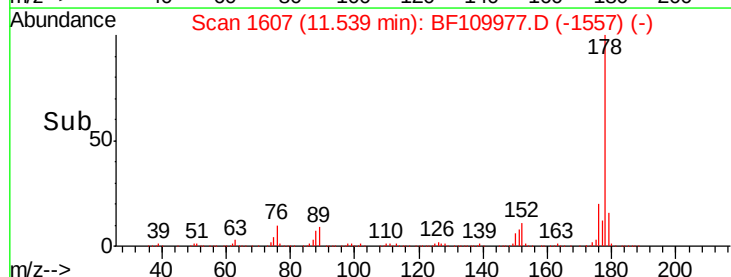
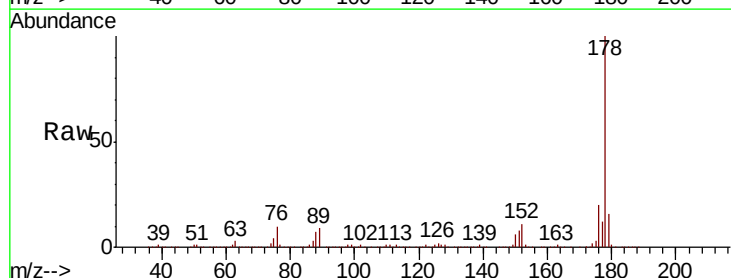
Instrument :
 BNA_F
 ClientSampleId :

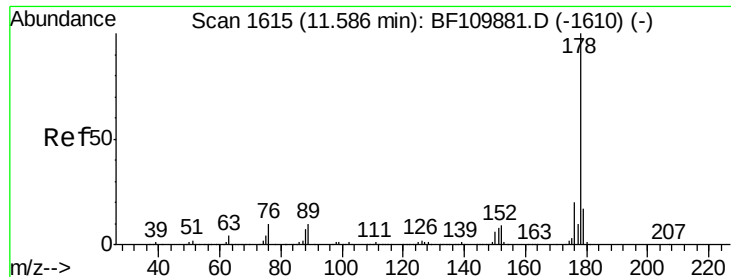
Tot Ion:266 Resp: 442585
 Ion Ratio Lower Upper
 266 100
 268 66.5 50.6 75.8
 264 64.1 50.6 75.8



#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

Tgt 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

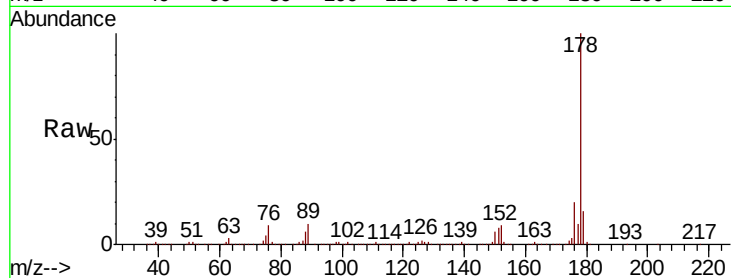
Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 1998558

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.3	12.6	18.8

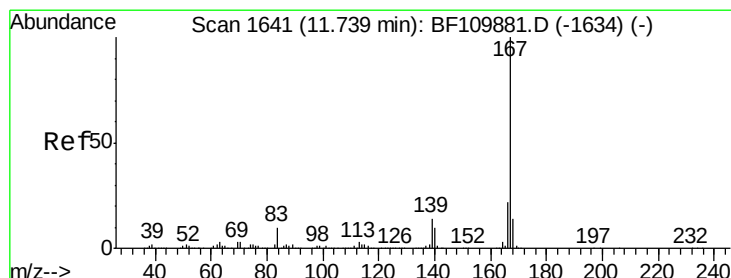
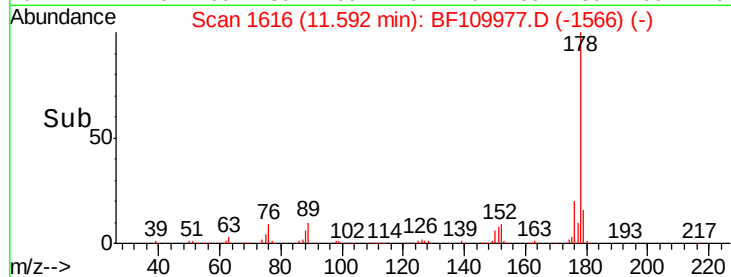
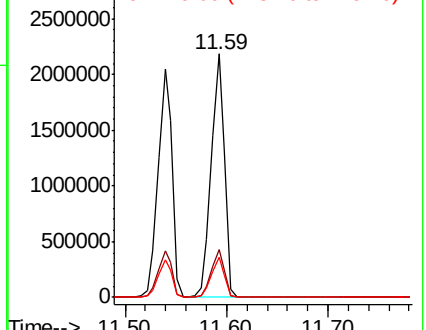


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 41.939 ng

RT: 11.75 min Scan# 1642

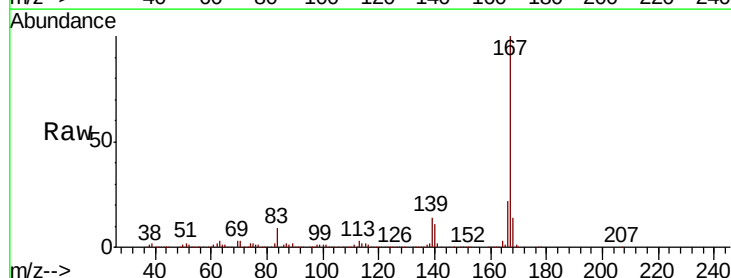
Delta R.T. -0.00 min

Lab File: BF109977.D

Acq: 18 Oct 2018 23:41

Tgt Ion:167 Resp: 1727923

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

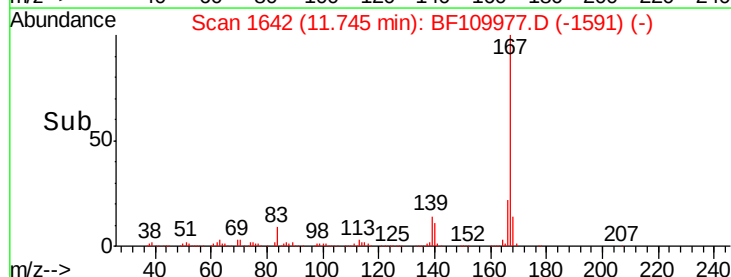
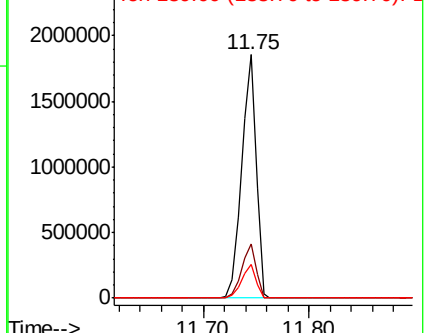


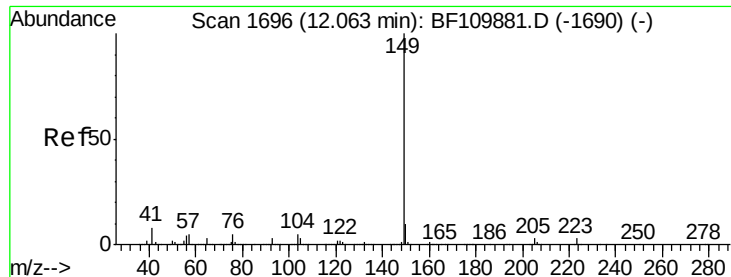
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 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

Instrument :

BNA_F

ClientSampleId :

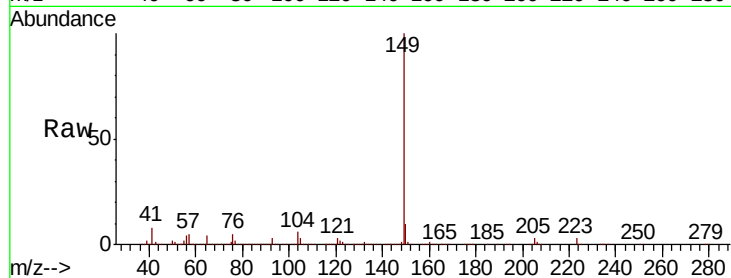
Tot Ion:149 Resp: 2109315

Ion Ratio Lower Upper

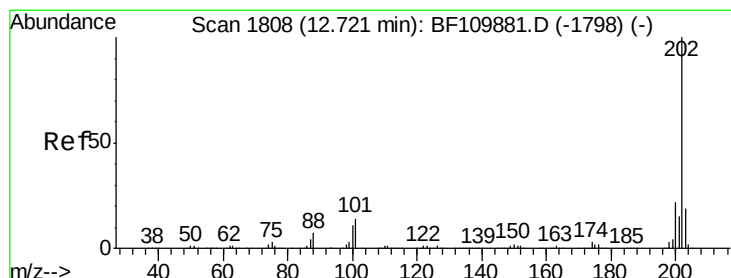
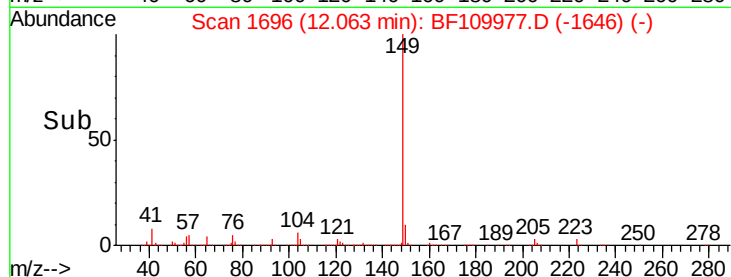
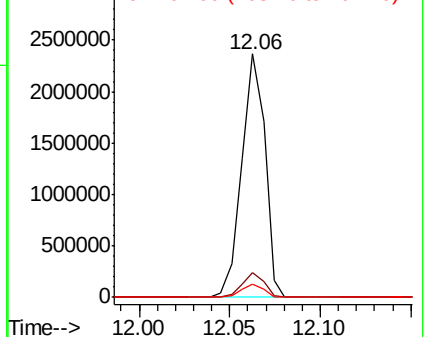
149 100

150 10.0 7.7 11.5

104 5.5 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 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

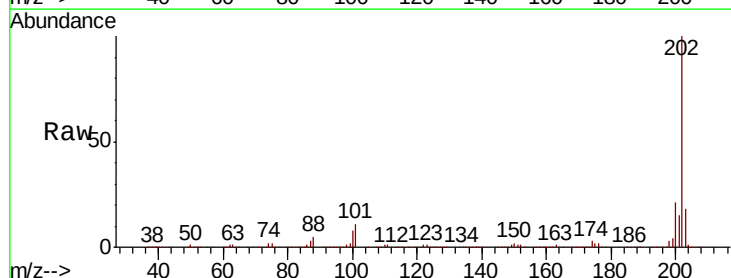
Tgt Ion:202 Resp: 1866583

Ion Ratio Lower Upper

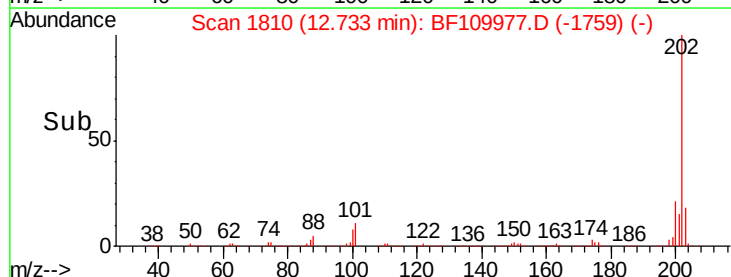
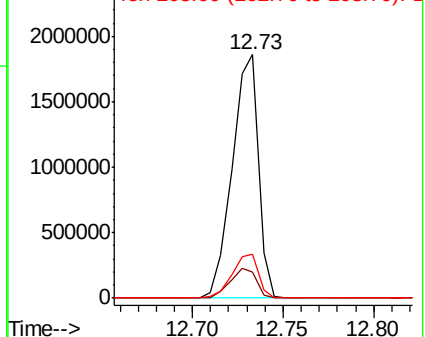
202 100

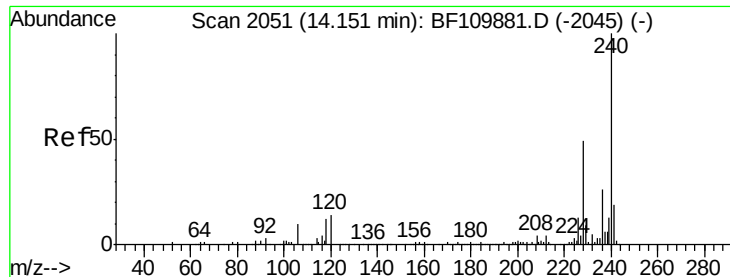
101 10.6 0.0 31.4

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

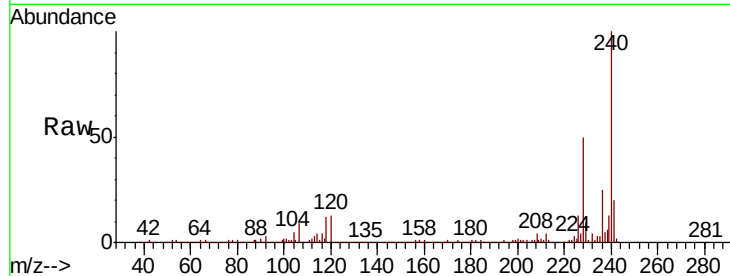




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

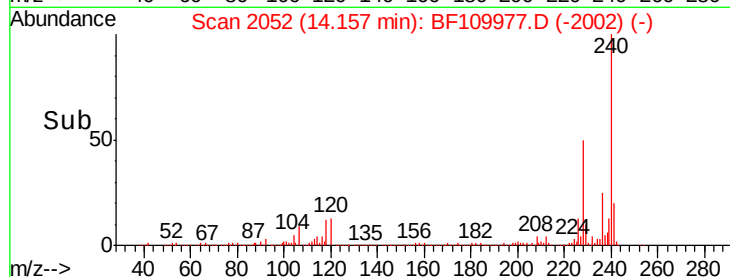
Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 453857
Ion Ratio Lower Upper
240 100
120 13.2 8.3 12.5#
236 25.1 21.2 31.8

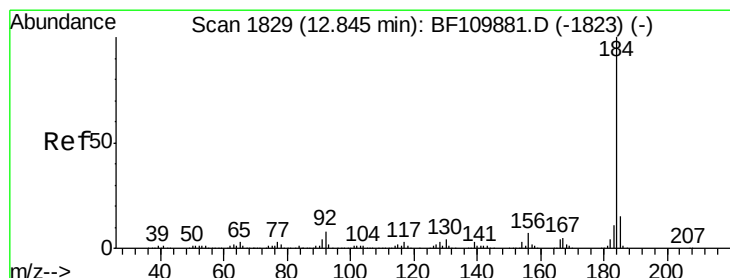


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

14.16

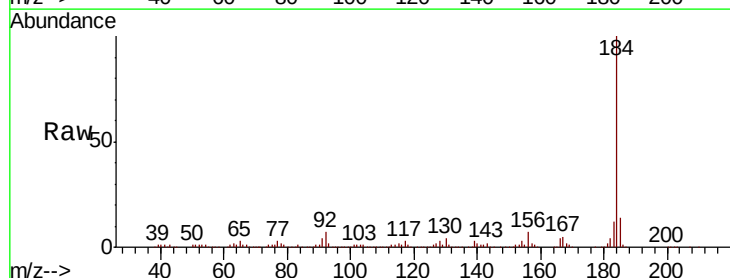


Time-->



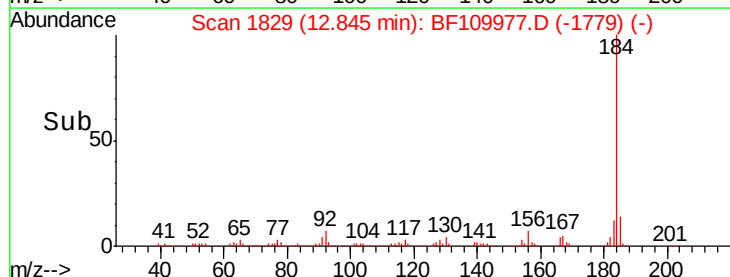
#77
Benzidine
Concen: 16.574 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt Ion:184 Resp: 288414
Ion Ratio Lower Upper
184 100
185 14.0 13.4 20.2
183 12.0 9.4 14.2

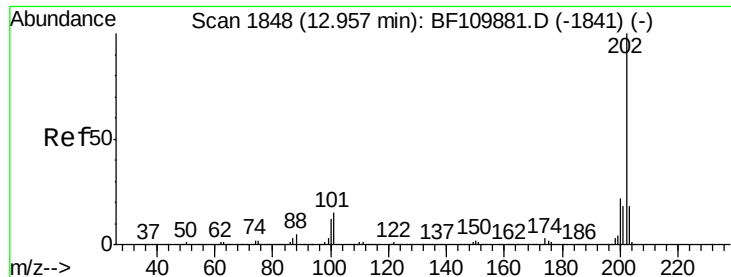


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

12.85



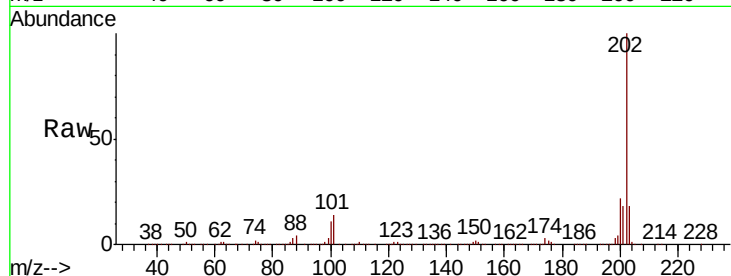
Time-->



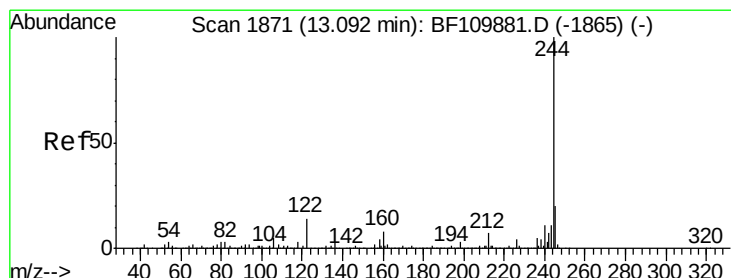
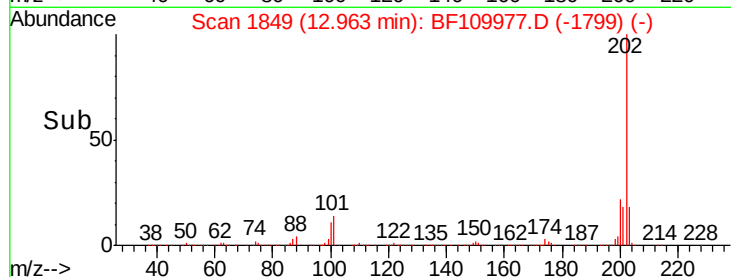
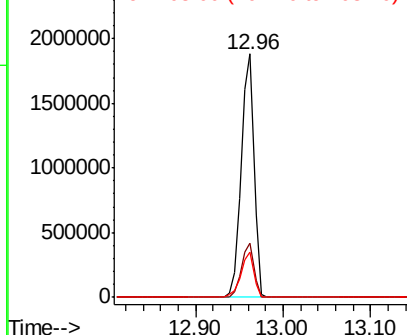
#78
Pvrene
Concen: 54.658 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1821986
Ion Ratio Lower Upper
202 100
200 22.1 17.8 26.6
203 18.3 14.2 21.4

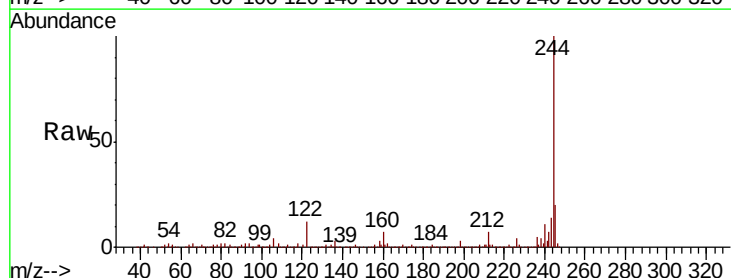


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

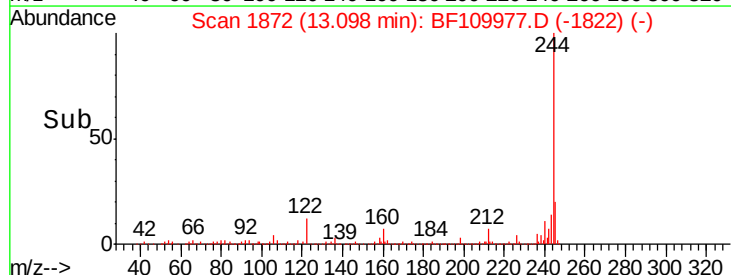
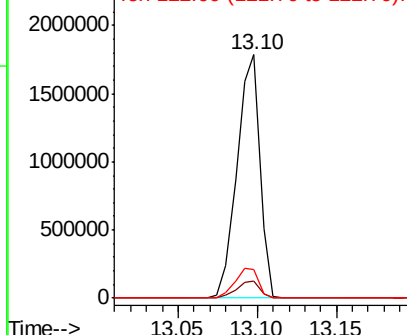


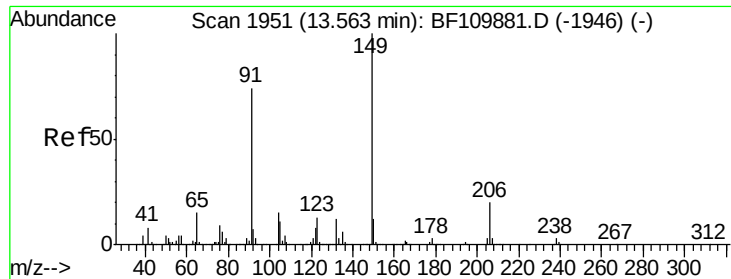
#79
Terphenyl-d14
Concen: 82.207 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

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



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

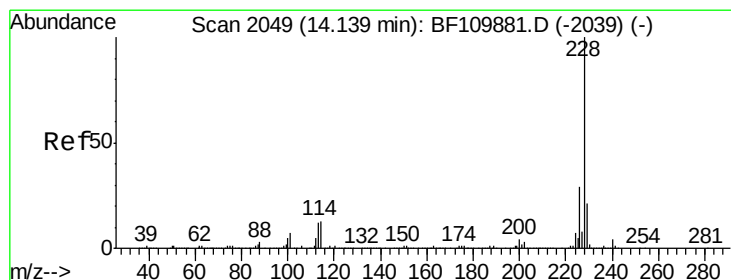
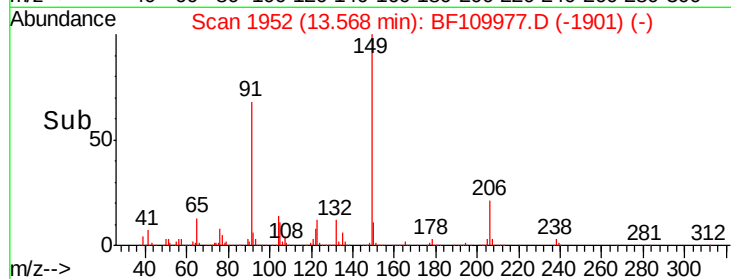
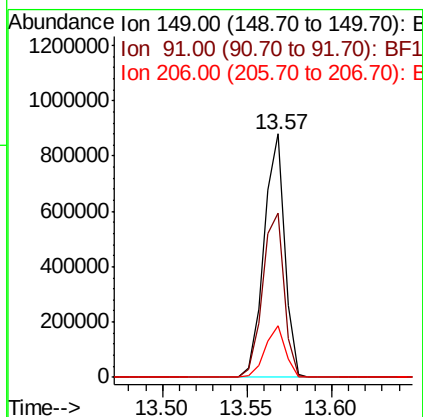
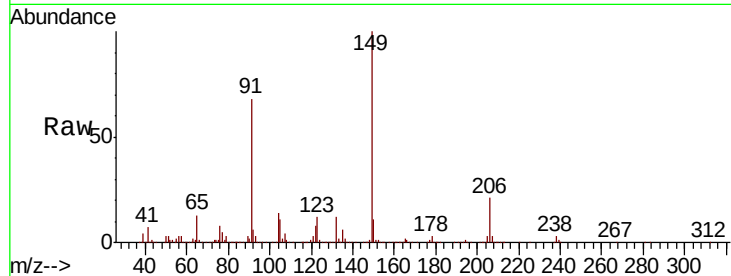




#80
Butylbenzylphthalate
Concen: 55.262 ng
RT: 13.57 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

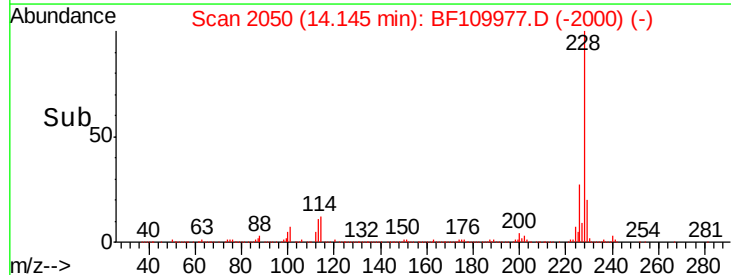
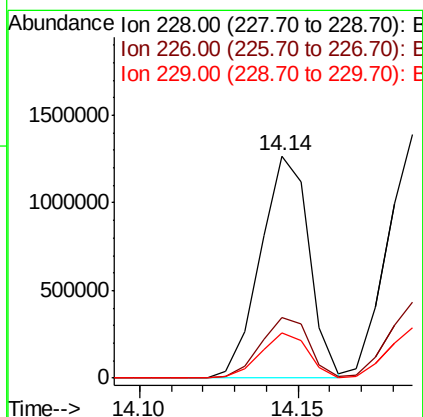
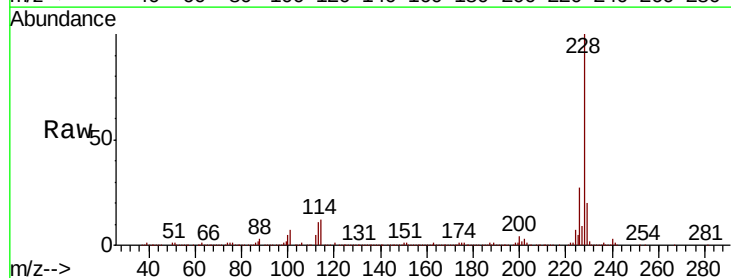
Instrument :
BNA_F
ClientSampleId :

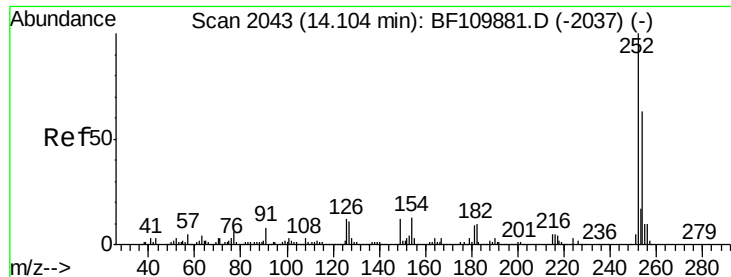
Tot Ion:149 Resp: 744748
Ion Ratio Lower Upper
149 100
91 67.7 57.2 85.8
206 21.0 15.7 23.5



#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

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

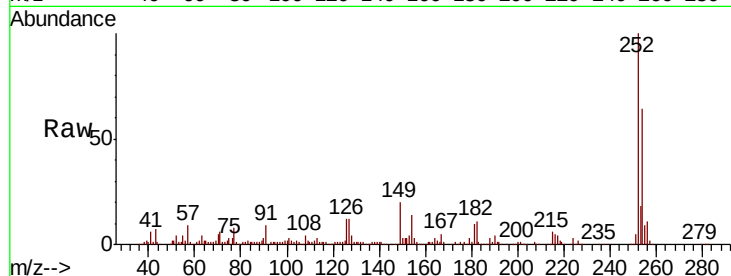




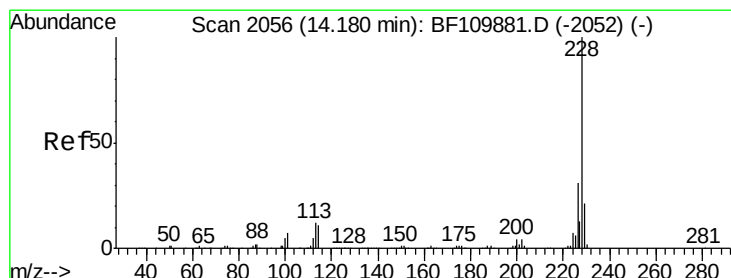
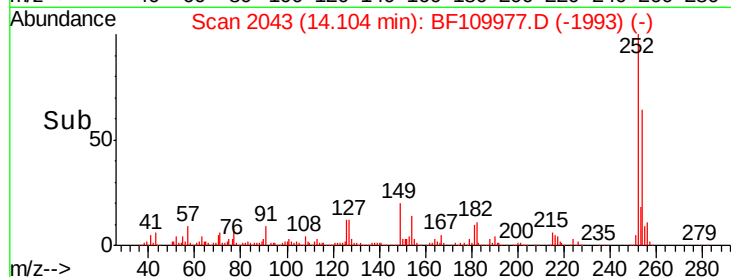
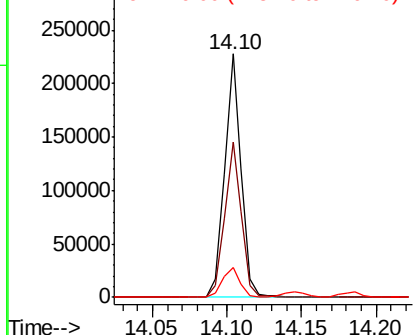
#82
 3,3'-Dichlorobenzidine
 Concen: 19.147 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 179445
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.3 76.9
 126 12.5 9.4 14.2

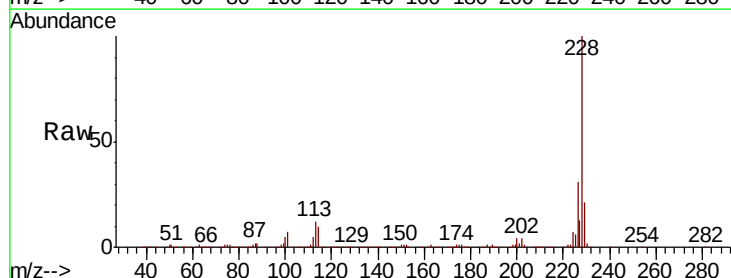


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

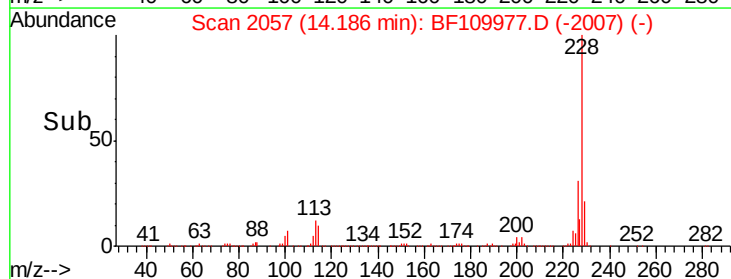
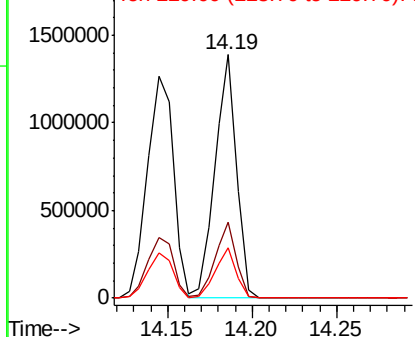


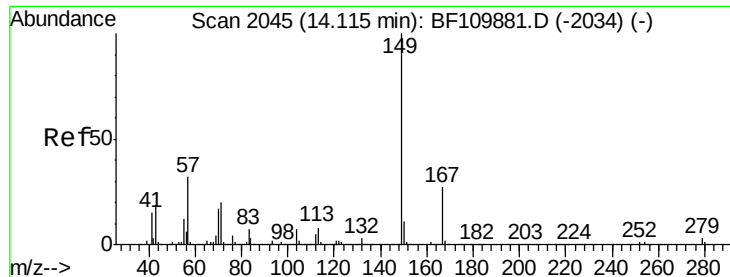
#83
 Chrysene
 Concen: 48.603 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Tgt 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

Instrument :

BNA_F

ClientSampleId :

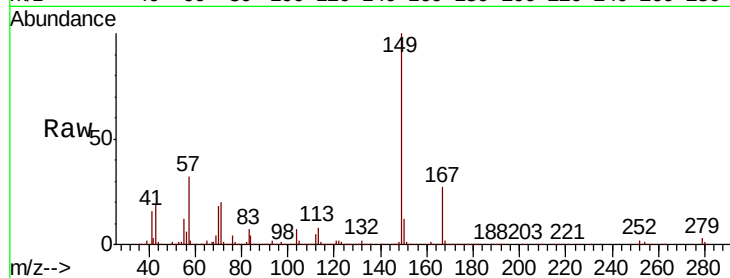
Tot Ion:149 Resp: 981815

Ion Ratio Lower Upper

149 100

167 26.8 19.8 29.8

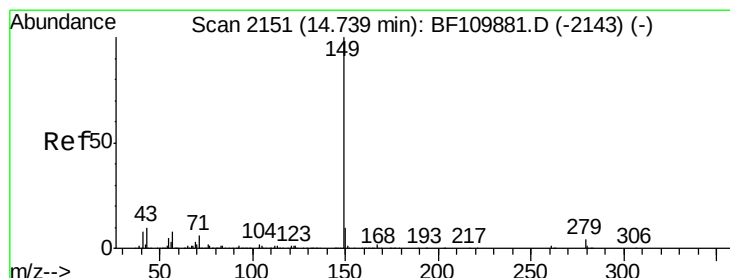
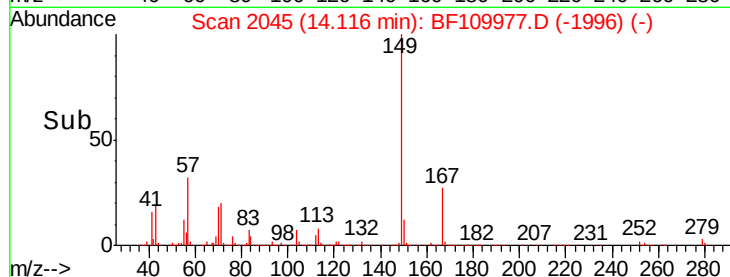
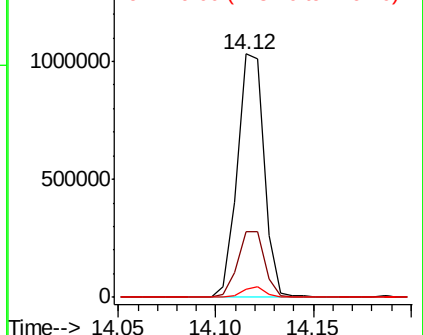
279 3.3 2.7 4.1



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

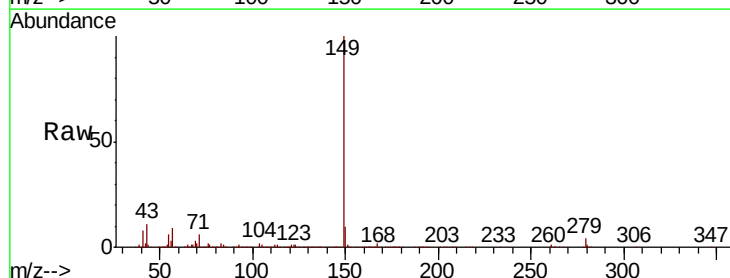
Tgt Ion:149 Resp: 1470191

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

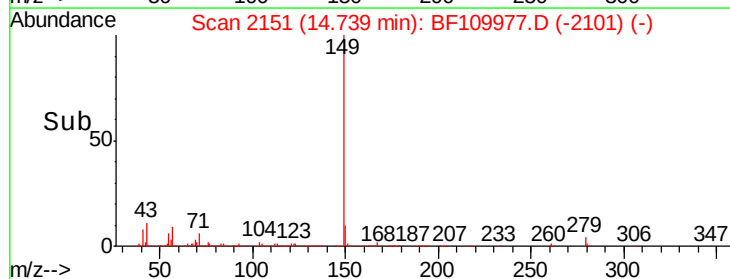
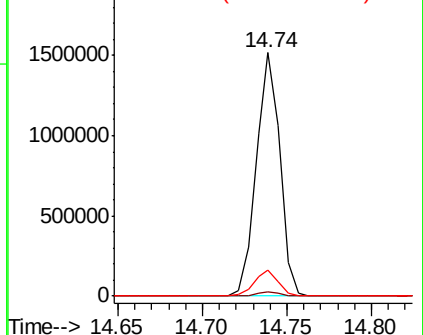
43 10.5 7.8 11.8

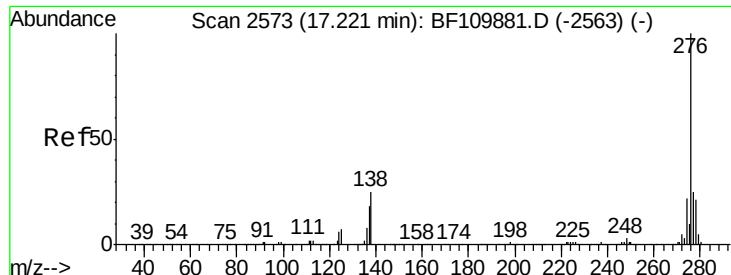


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



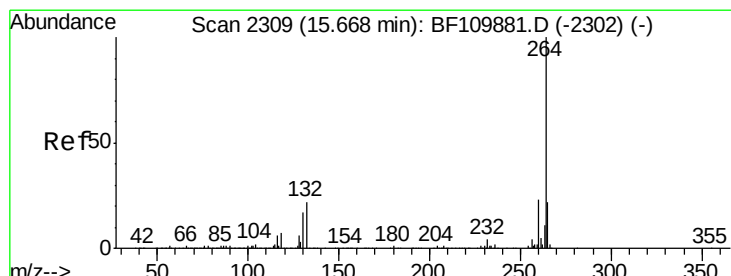
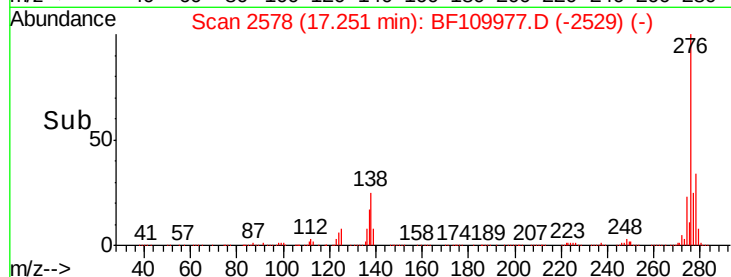
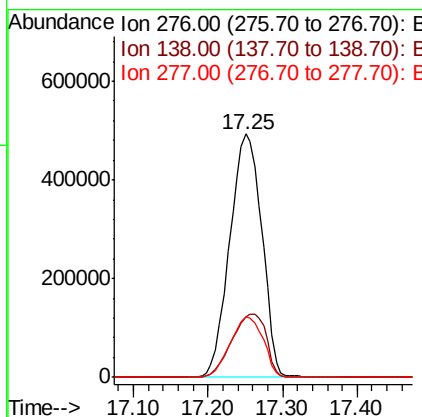
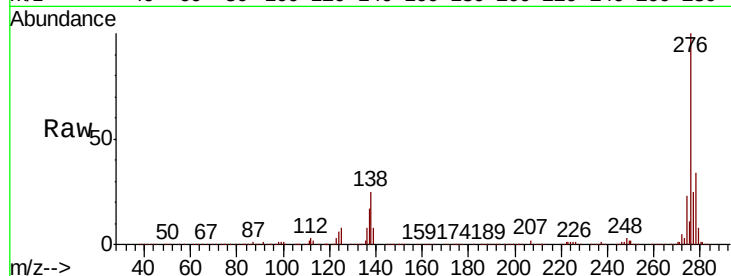


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 71.867 ng
 RT: 17.25 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1472419

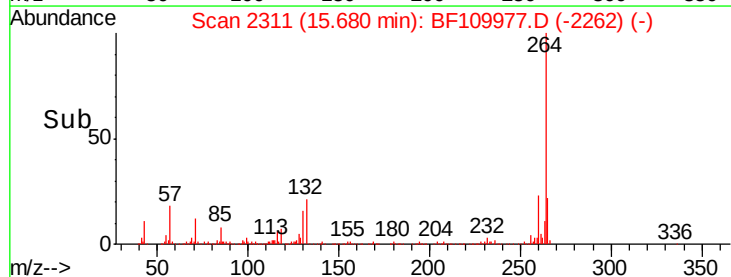
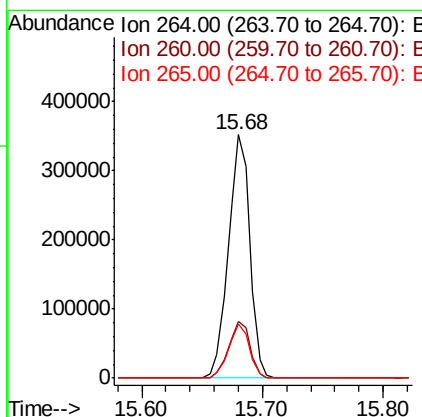
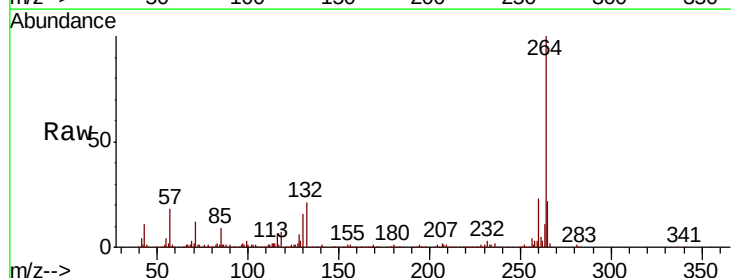
Ion	Ratio	Lower	Upper
276	100		
138	28.2	18.5	27.7#
277	25.4	20.0	30.0

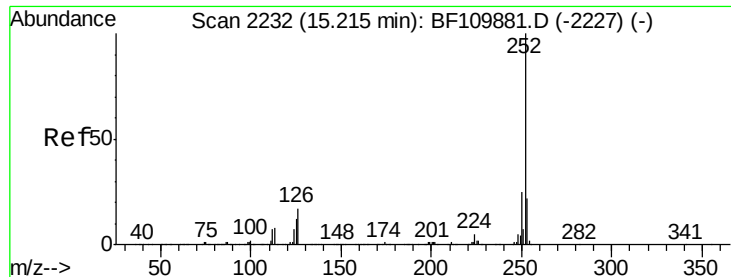


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF109977.D
 Acq: 18 Oct 2018 23:41

Tgt Ion:264 Resp: 434284

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.0	16.7	25.1

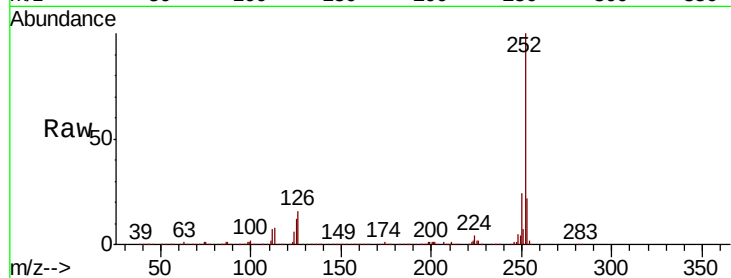




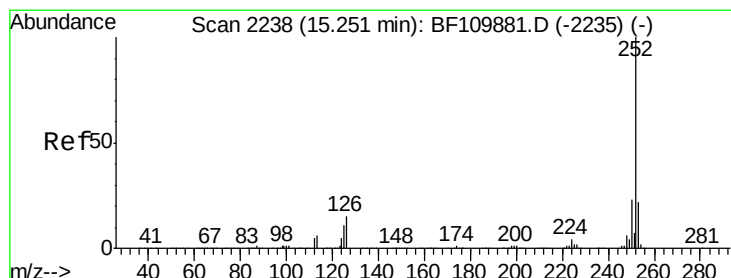
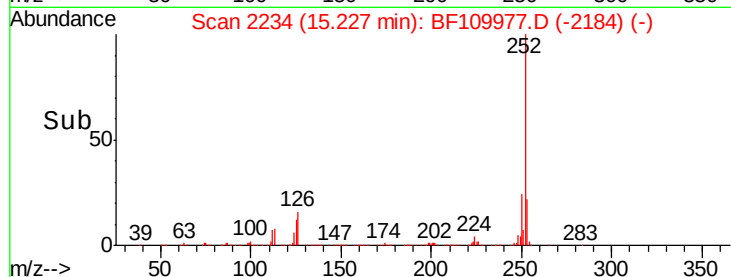
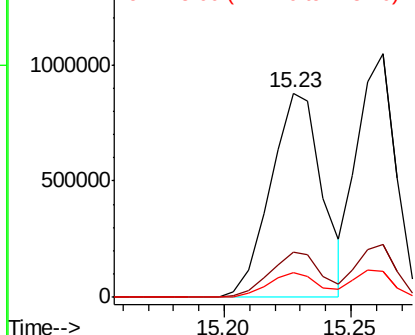
#88
Benzo(b)fluoranthene
Concen: 49.876 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1248777
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 11.9 8.2 12.4

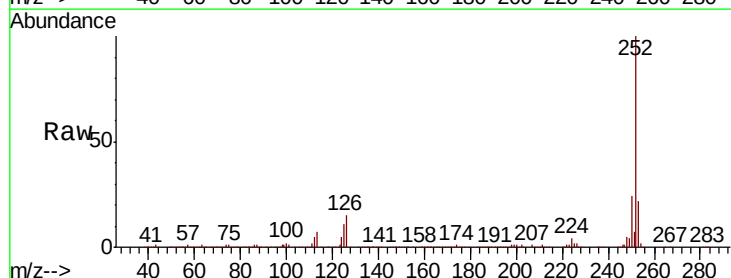


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

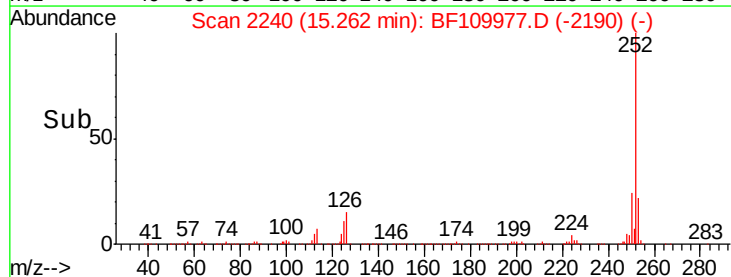
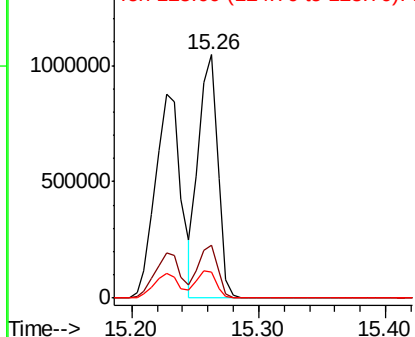


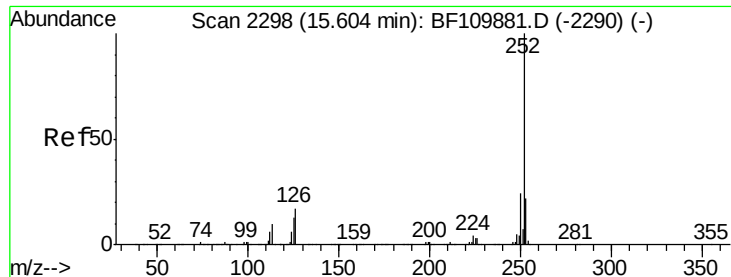
#89
Benzo(k)fluoranthene
Concen: 44.626 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt 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

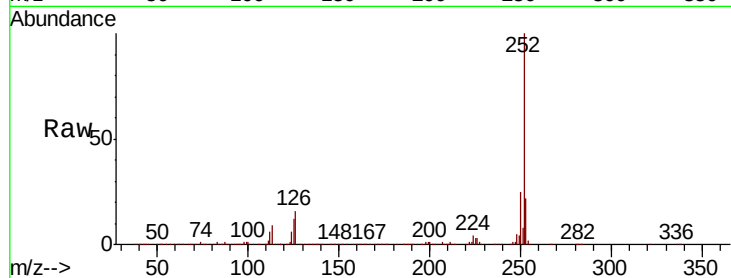




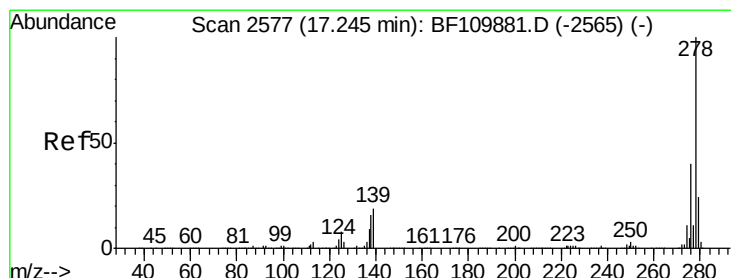
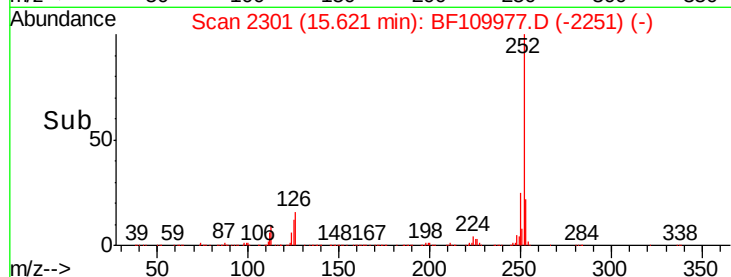
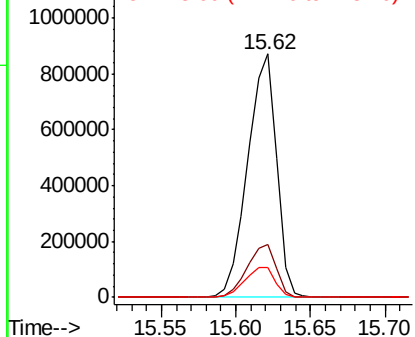
#90
Benzo(a)pyrene
Concen: 50.458 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1161917
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 12.4 9.0 13.6

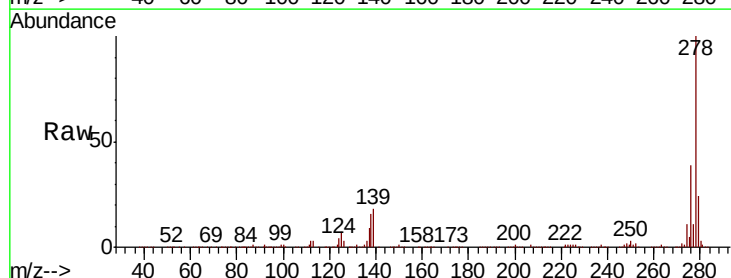


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

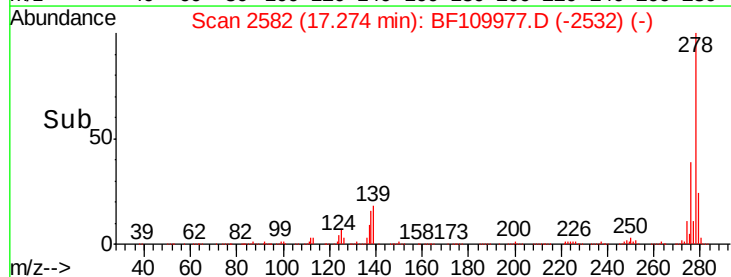
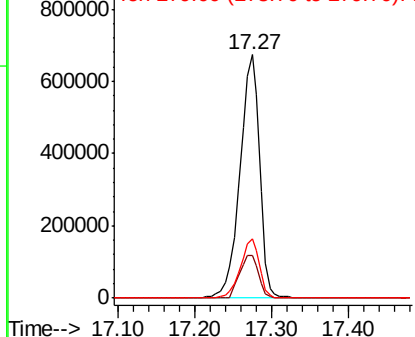


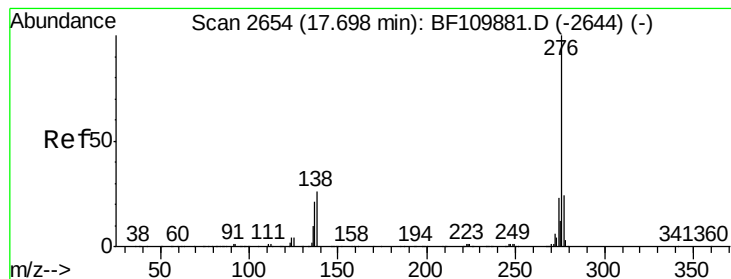
#91
Dibenzo(a,h)anthracene
Concen: 59.241 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF109977.D
Acq: 18 Oct 2018 23:41

Tgt Ion:278 Resp: 1208954
Ion Ratio Lower Upper
278 100
139 17.8 12.7 19.1
279 24.2 19.0 28.4



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





#92

Benzo(a,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

Instrument :

BNA_F

ClientSampleId :

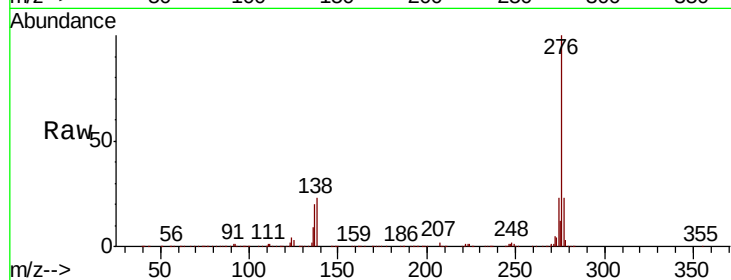
Tot Ion:276 Resp: 1269670

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 22.9 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

