

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
 Data File : BF109913.D
 Acq On : 16 Oct 2018 18:47
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Oct 17 03:52:23 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	6.98	152	192475	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	727856	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	283956	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	456164	20.00	ng	0.00
76) Chrysene-d12	14.16	240	507829	20.00	ng	0.00
87) Perylene-d12	15.69	264	520831	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	956476	78.77	ng	0.00
7) Phenol-d6	6.60	99	1157038	76.74	ng	0.00
23) Nitrobenzene-d5	7.55	82	975534	90.29	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	192468	78.29	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	1608538	90.39	ng	0.00
79) Terphenyl-d14	13.10	244	1507615	62.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	265668	38.522	ng	93
3) Pyridine	3.59	79	595453	38.727	ng	87
4) n-Nitrosodimethylamine	3.55	42	236769	37.749	ng	# 99
6) Aniline	6.65	93	755857	37.199	ng	# 52
8) 2-Chlorophenol	6.76	128	537430	39.513	ng	98
9) Benzaldehyde	6.53	77	378644	38.644	ng	96
10) Phenol	6.61	94	619579	38.060	ng	# 61
11) bis(2-Chloroethyl)ether	6.71	93	522391	38.379	ng	91
12) 1,3-Dichlorobenzene	6.92	146	582465	39.054	ng	97
13) 1,4-Dichlorobenzene	7.00	146	589985	39.279	ng	98
14) 1,2-Dichlorobenzene	7.15	146	548460	39.653	ng	99
15) Benzyl Alcohol	7.12	79	435455	37.540	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.25	45	834786	37.366	ng	68
17) 2-Methylphenol	7.22	107	408982	37.289	ng	# 81
18) Hexachloroethane	7.49	117	210763	39.706	ng	92
19) n-Nitroso-di-n-propylamine	7.39	70	349908	36.143	ng	97
20) 3+4-Methylphenols	7.37	107	523923	37.644	ng	89
22) Acetophenone	7.39	105	676192	40.060	ng	# 97
24) Nitrobenzene	7.56	77	515169	43.890	ng	93
25) Isophorone	7.80	82	796765	37.529	ng	95
26) 2-Nitrophenol	7.87	139	233086	47.894	ng	96
27) 2,4-Dimethylphenol	7.90	122	399382	39.055	ng	96
28) bis(2-Chloroethoxy)methane	8.00	93	576920	39.596	ng	99
29) 2,4-Dichlorophenol	8.11	162	389396	39.253	ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	448492	40.378	ng	95
31) Naphthalene	8.29	128	1310630	39.268	ng	99
32) Benzoic acid	7.97	122	74040	11.620	ng	90
33) 4-Chloroaniline	8.33	127	573245	38.207	ng	99
34) Hexachlorobutadiene	8.40	225	253752	41.429	ng	99
35) Caprolactam	8.69	113	108104	30.684	ng	96
36) 4-Chloro-3-methylphenol	8.80	107	369221	35.281	ng	94
37) 2-Methylnaphthalene	8.97	142	812563	37.597	ng	98
38) 1-Methylnaphthalene	9.07	142	772108	36.868	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	388034	44.366	ng	99

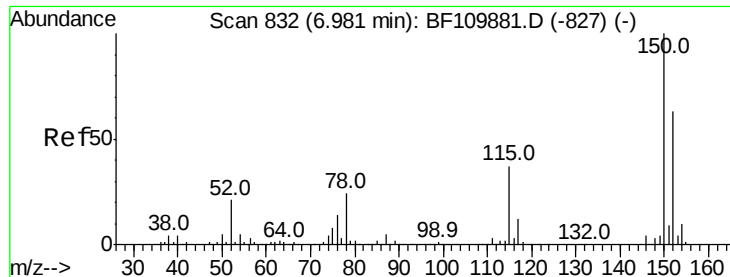
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
 Data File : BF109913.D
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Quant Time: Oct 17 03:52:23 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	85776	20.319	nq	98
43) 2,4,6-Trichlorophenol	9.25	196	231031	42.245	nq	96
44) 2,4,5-Trichlorophenol	9.29	196	230436	40.598	nq	96
46) 1,1'-Biphenyl	9.44	154	1104019	43.638	nq	99
47) 2-Chloronaphthalene	9.47	162	788969	42.337	nq	99
48) 2-Nitroaniline	9.56	65	222435	46.511	nq	96
49) Acenaphthylene	9.89	152	1088110	40.193	nq	98
50) Dimethylphthalate	9.73	163	823612	40.962	nq	99
51) 2,6-Dinitrotoluene	9.80	165	172378	45.138	nq	96
52) Acenaphthene	10.06	154	681805	39.558	nq	97
53) 3-Nitroaniline	9.97	138	199824	43.015	nq	92
54) 2,4-Dinitrophenol	10.07	184	13337	18.651	nq	# 1
55) Dibenzofuran	10.23	168	964965	39.257	nq	96
56) 4-Nitrophenol	10.11	139	134299	37.888	nq	93
57) 2,4-Dinitrotoluene	10.20	165	198460	41.794	nq	# 81
58) Fluorene	10.57	166	674384	37.689	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	161678	35.941	nq	95
60) Diethylphthalate	10.43	149	753463	37.941	nq	100
61) 4-Chlorophenyl-phenylether	10.56	204	369716	39.666	nq	94
62) 4-Nitroaniline	10.58	138	179676	40.859	nq	91
63) Azobenzene	10.72	77	741736	35.753	nq	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	34127	25.155	nq	97
66) n-Nitrosodiphenylamine	10.68	169	644650	42.431	nq	98
67) 4-Bromophenyl-phenylether	11.05	248	206991	41.870	nq	92
68) Hexachlorobenzene	11.12	284	213094	40.422	nq	97
69) Atrazine	11.20	200	193506	40.774	nq	99
70) Pentachlorophenol	11.31	266	130715	43.569	nq	98
71) Phenanthrene	11.54	178	955147	40.445	nq	100
72) Anthracene	11.59	178	974040	41.025	nq	99
73) Carbazole	11.74	167	966455	41.418	nq	100
74) Di-n-butylphthalate	12.06	149	1063211	40.828	nq	99
75) Fluoranthene	12.73	202	1055170	44.726	nq	97
77) Benzidine	12.85	184	645265	33.140	nq	99
78) Pyrene	12.96	202	1137051	30.485	nq	99
80) Butylbenzylphthalate	13.57	149	541210	35.891	nq	98
81) Benzo(a)anthracene	14.15	228	1158902	38.743	nq	99
82) 3,3'-Dichlorobenzidine	14.11	252	464649	44.309	nq	98
83) Chrysene	14.19	228	1116751	39.223	nq	100
84) Bis(2-ethylhexyl)phthalate	14.12	149	791126	39.871	nq	95
85) Di-n-octyl phthalate	14.74	149	1438045	51.407	nq	98
86) Indeno(1,2,3-cd)pyrene	17.25	276	957439	41.765	nq	# 93
88) Benzo(b)fluoranthene	15.23	252	1147285	38.208	nq	99
89) Benzo(k)fluoranthene	15.26	252	1126487	38.062	nq	# 96
90) Benzo(a)pyrene	15.62	252	1076706	38.988	nq	98
91) Dibenzo(a,h)anthracene	17.27	278	818471	33.442	nq	97
92) Benzo(g,h,i)perylene	17.73	276	722192	29.205	nq	# 94

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

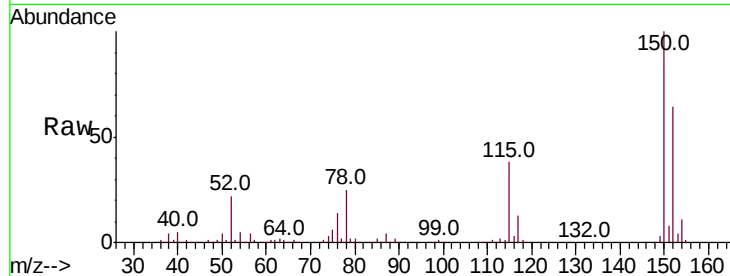


#1

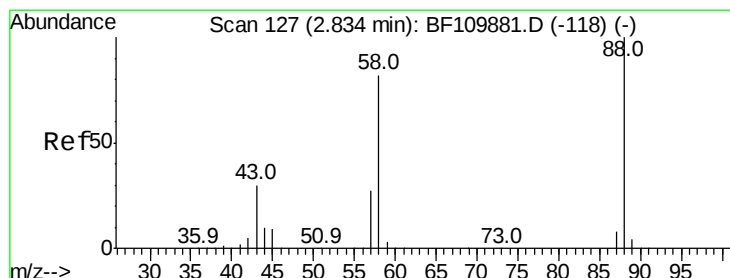
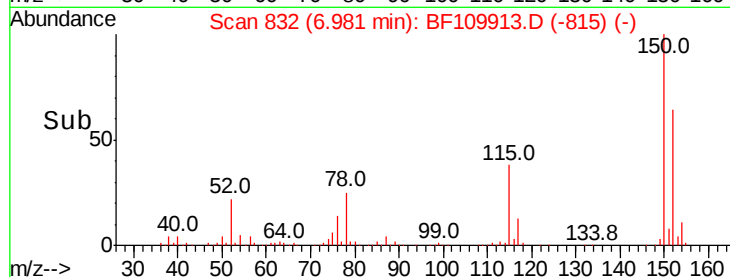
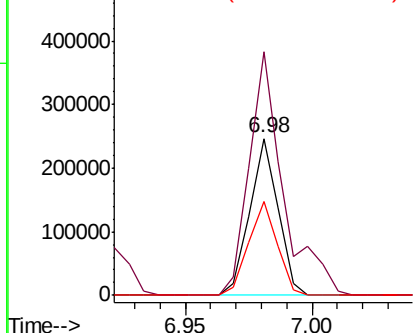
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 192475
Ion Ratio Lower Upper
152 100
150 155.2 122.7 184.1
115 59.5 49.1 73.7



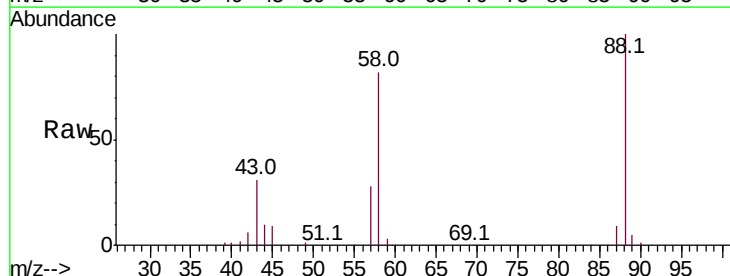
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



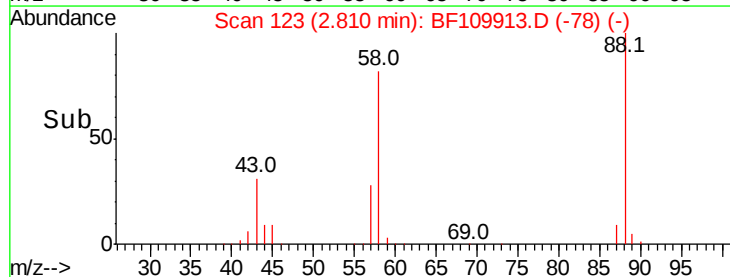
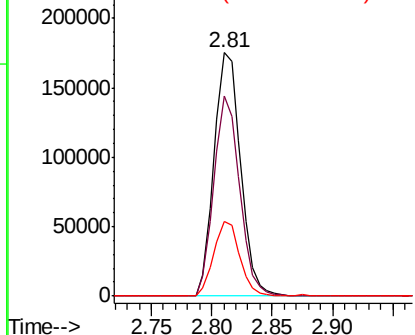
#2

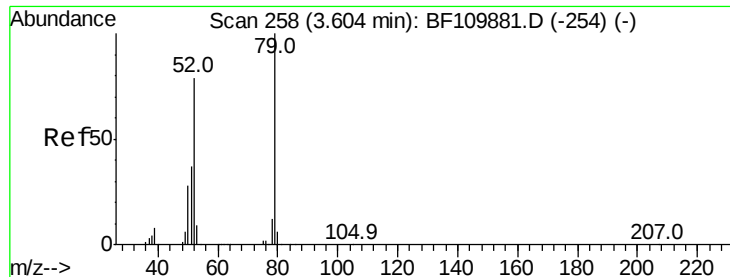
1,4-Dioxane
Concen: 38.522 ng
RT: 2.81 min Scan# 123
Delta R.T. -0.04 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Tgt Ion: 88 Resp: 265668
Ion Ratio Lower Upper
88 100
58 79.8 57.1 85.7
43 30.8 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: 38.727 ng

RT: 3.59 min Scan# 256

Delta R.T. -0.02 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

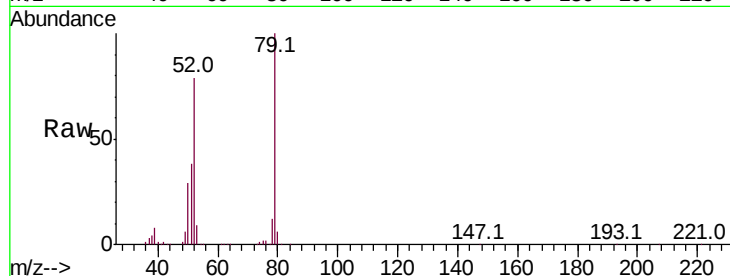
Tot Ion: 79 Resp: 595453

Ion Ratio Lower Upper

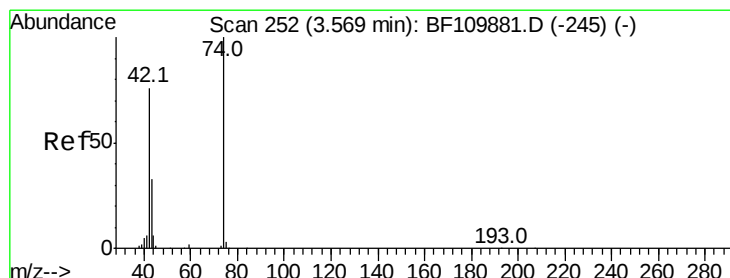
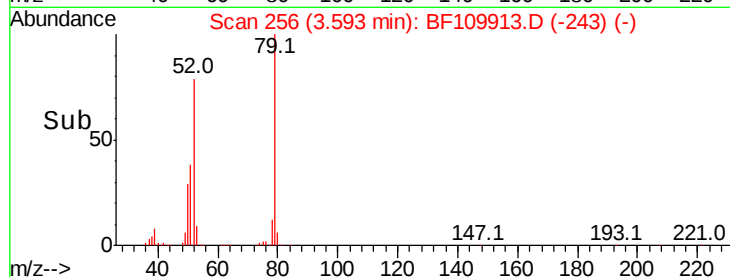
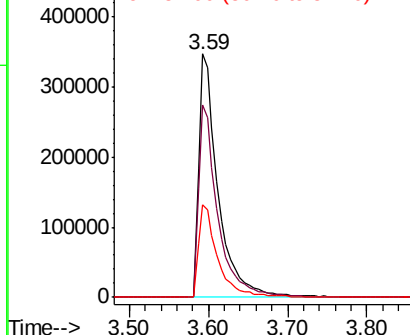
79 100

52 79.1 53.1 79.7

51 38.0 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: 37.749 ng

RT: 3.55 min Scan# 249

Delta R.T. -0.03 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

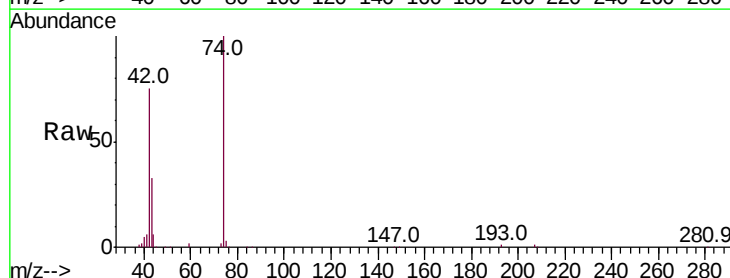
Tgt Ion: 42 Resp: 236769

Ion Ratio Lower Upper

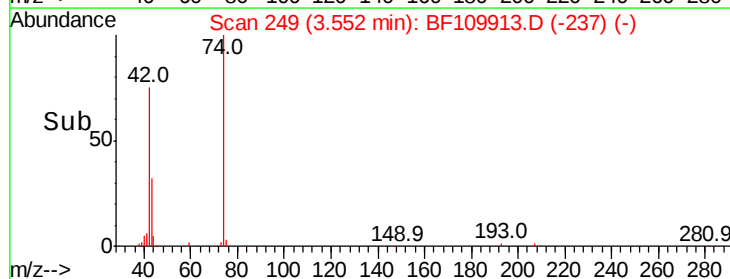
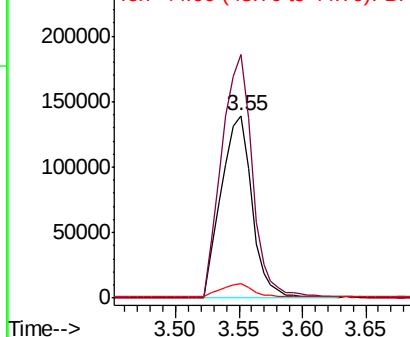
42 100

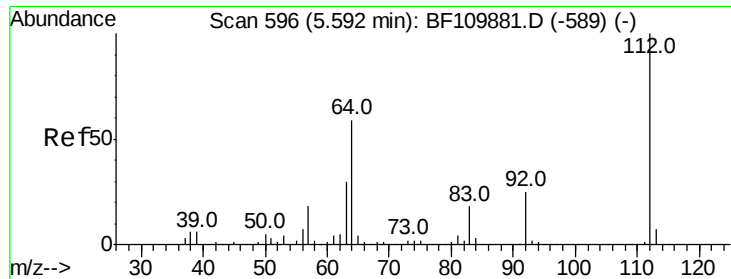
74 133.3 105.5 158.3

44 7.7 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: 78.771 ng

RT: 5.59 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

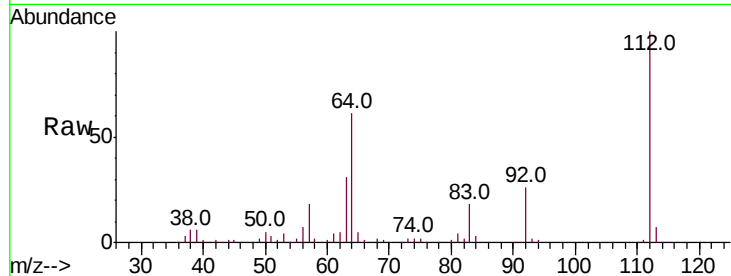
Tot Ion:112 Resp: 956476

Ion Ratio Lower Upper

112 100

64 61.3 44.1 66.1

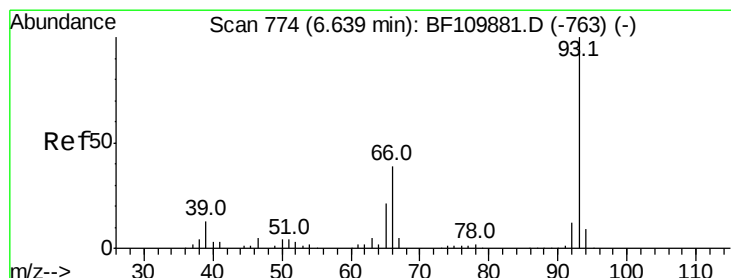
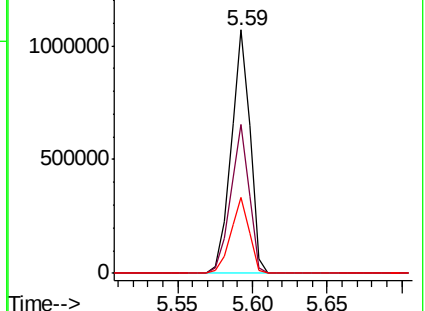
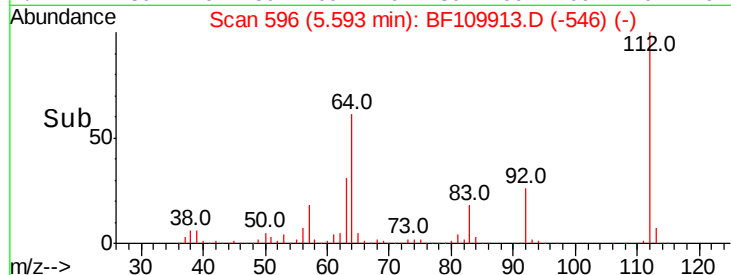
63 31.4 23.7 35.5



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: 37.199 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

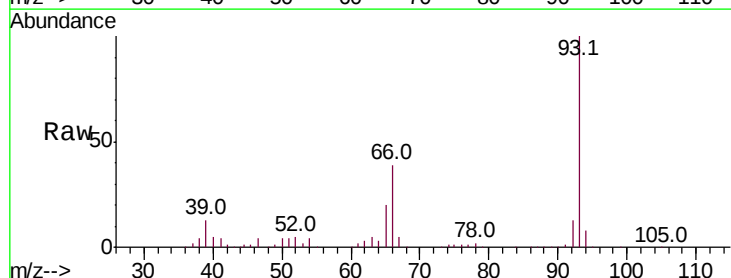
Tgt Ion: 93 Resp: 755857

Ion Ratio Lower Upper

93 100

66 39.2 67.4 101.0#

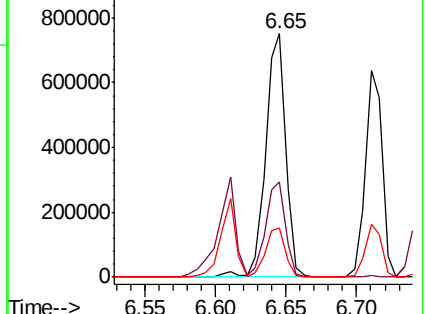
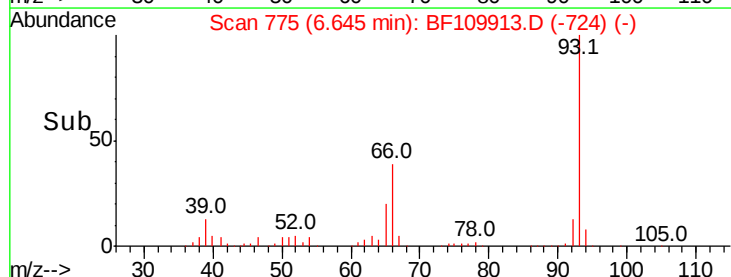
65 20.2 41.0 61.4#

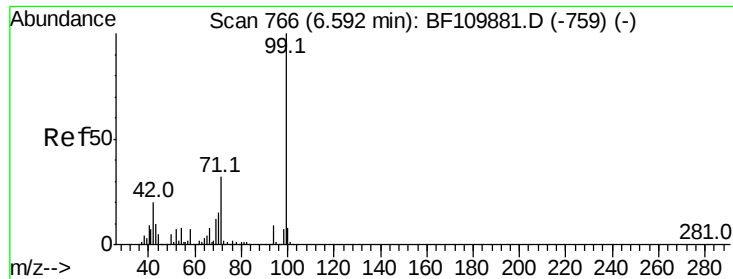


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.738 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

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ClientSampleId :

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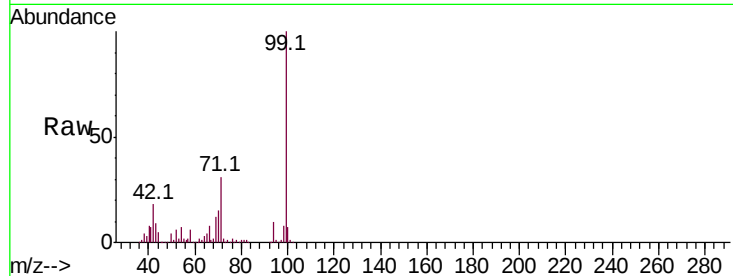
Tot Ion: 99 Resp: 1157038

Ion Ratio Lower Upper

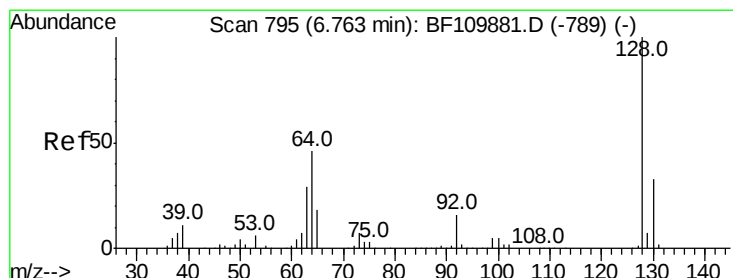
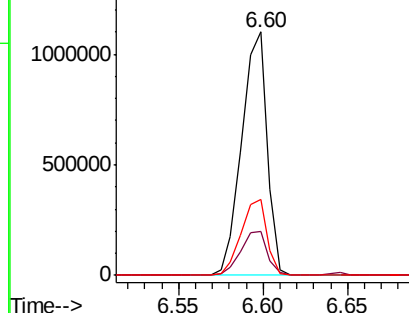
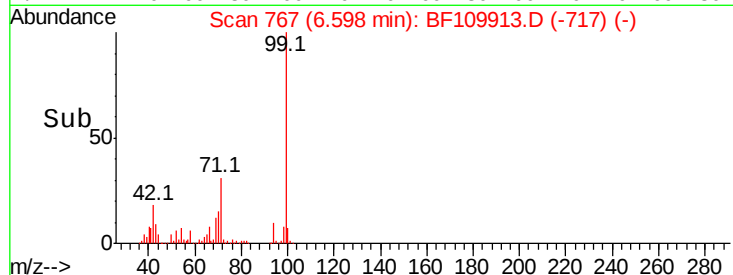
99 100

42 18.3 15.8 23.6

71 31.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.513 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

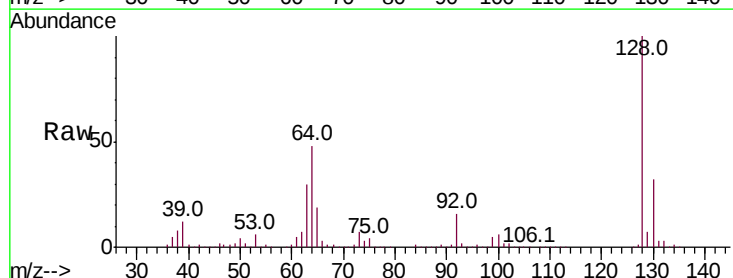
Tgt Ion: 128 Resp: 537430

Ion Ratio Lower Upper

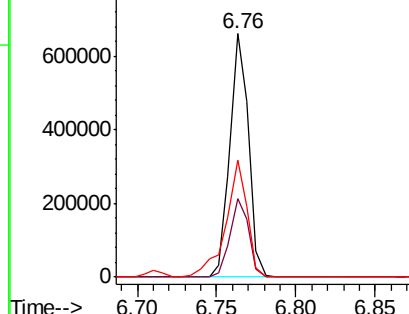
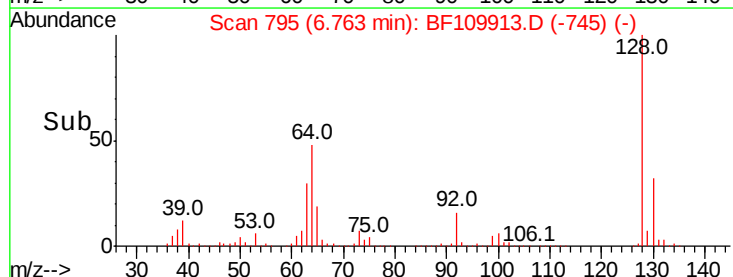
128 100

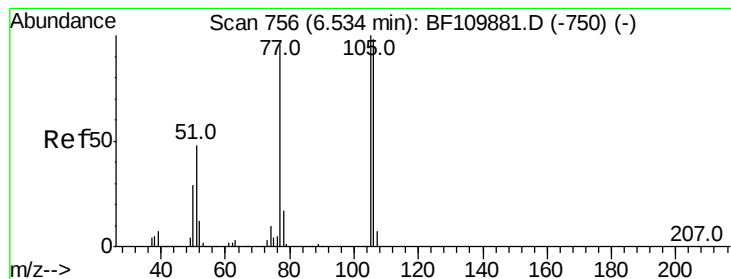
130 32.5 13.1 53.1

64 48.0 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
800000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.644 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

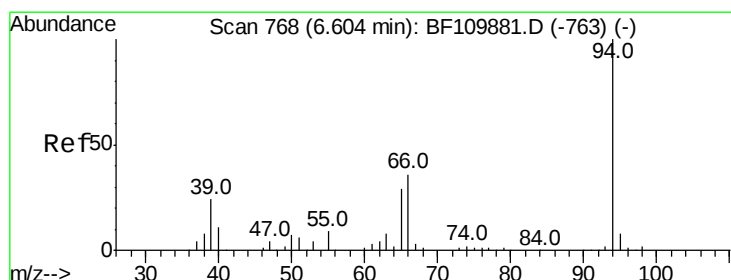
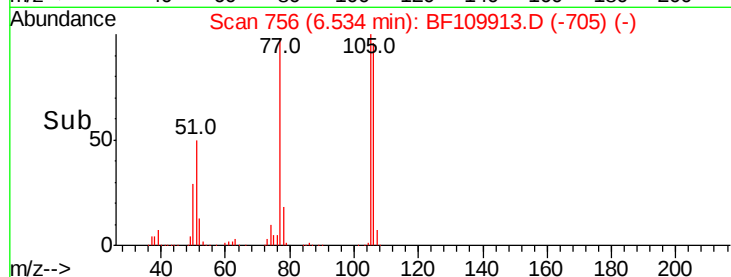
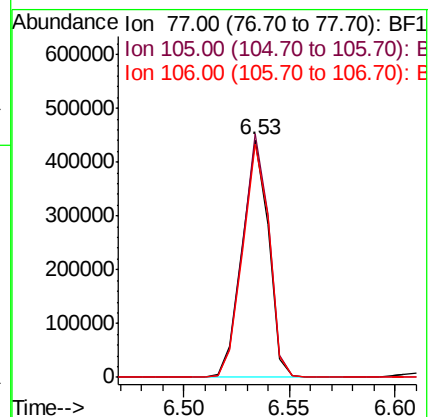
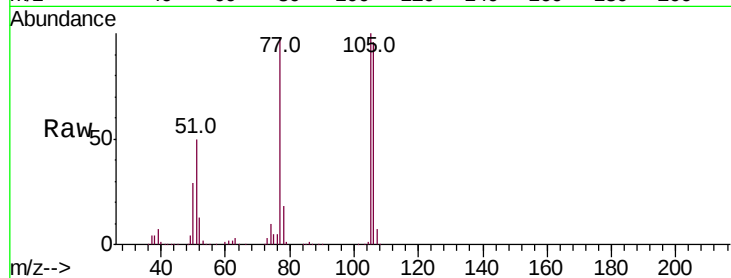
Tot Ion: 77 Resp: 378644

Ion Ratio Lower Upper

77 100

105 102.4 78.6 118.6

106 98.1 74.8 114.8



#10

Phenol

Concen: 38.060 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

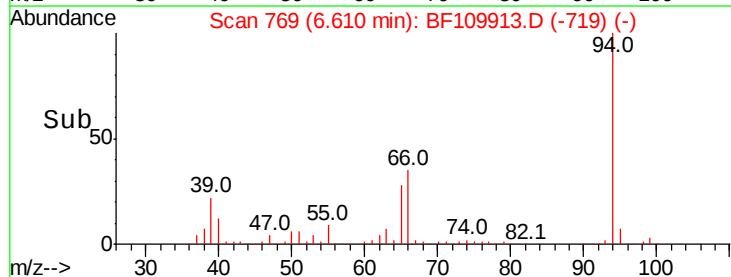
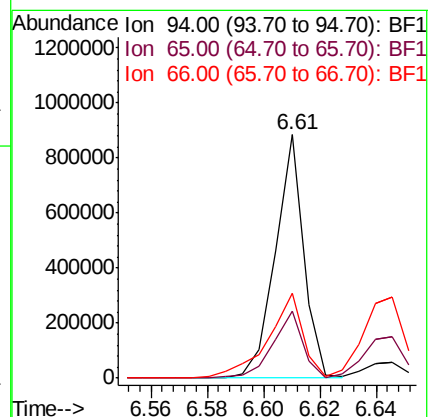
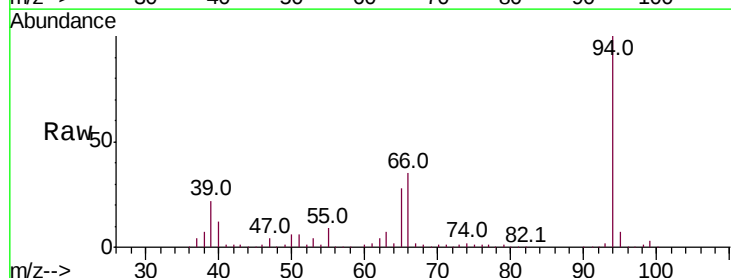
Tgt Ion: 94 Resp: 619579

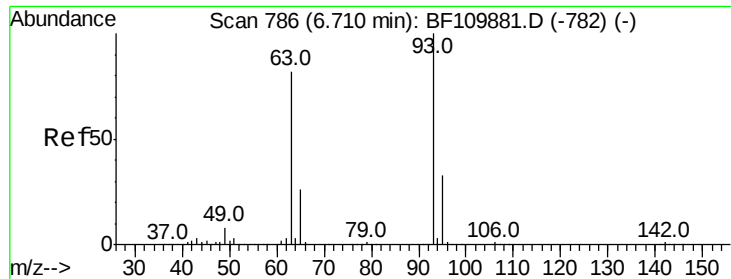
Ion Ratio Lower Upper

94 100

65 27.6 25.3 65.3

66 35.0 54.5 94.5#

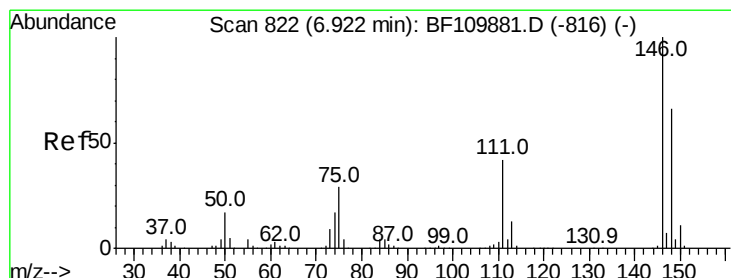
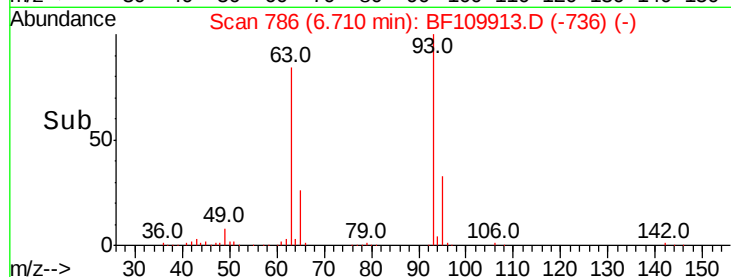
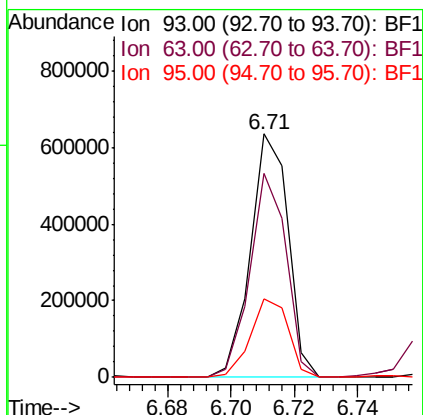
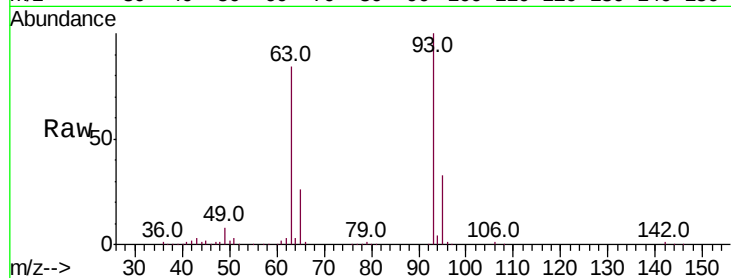




#11
bis(2-Chloroethyl)ether
Concen: 38.379 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

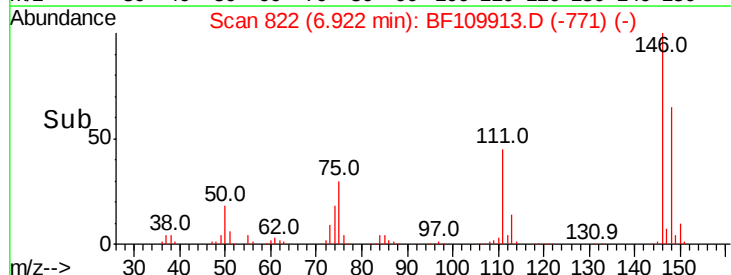
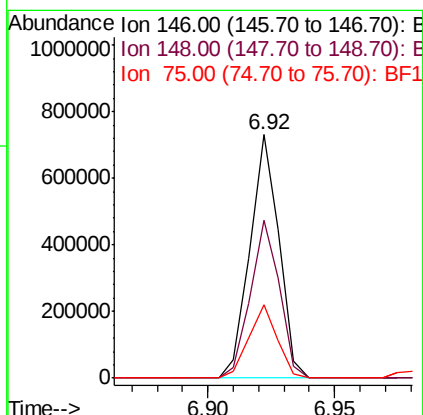
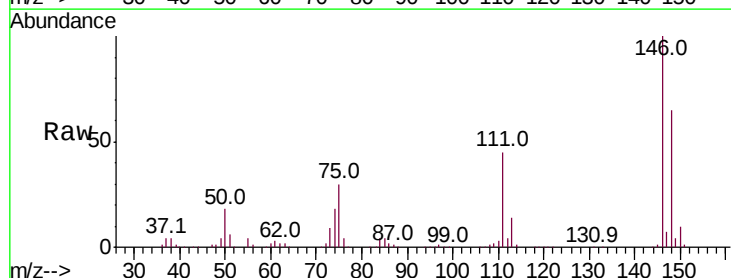
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

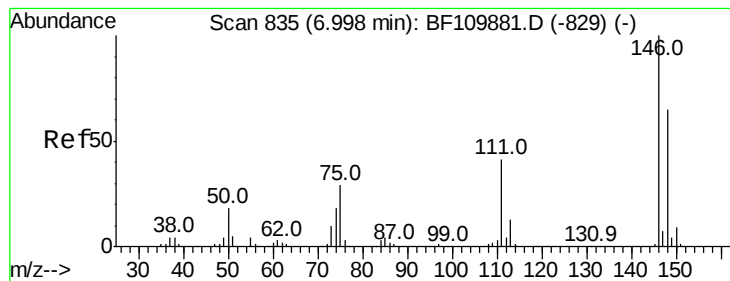
Tot Ion: 93 Resp: 522391
Ion Ratio Lower Upper
93 100
63 84.0 53.4 93.4
95 32.5 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 39.054 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Tgt Ion: 146 Resp: 582465
Ion Ratio Lower Upper
146 100
148 65.1 50.4 75.6
75 30.3 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 39.279 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

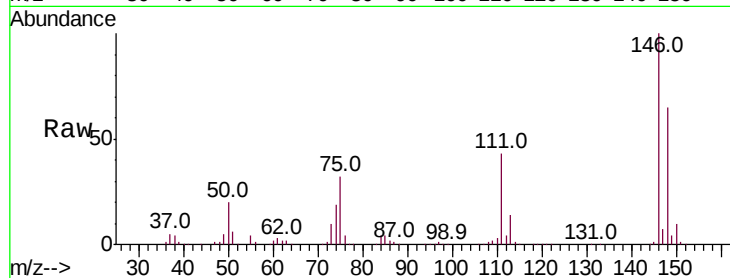
Tot Ion:146 Resp: 589985

Ion Ratio Lower Upper

146 100

148 64.7 50.3 75.5

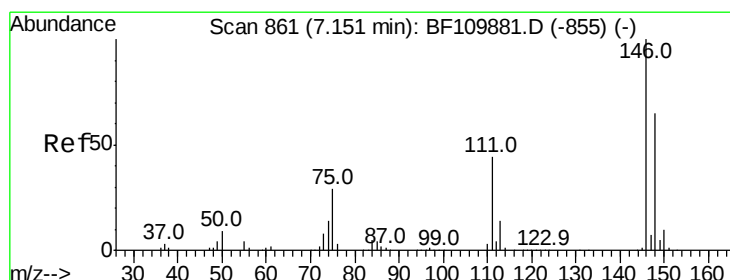
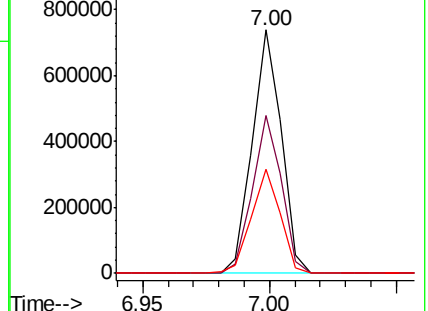
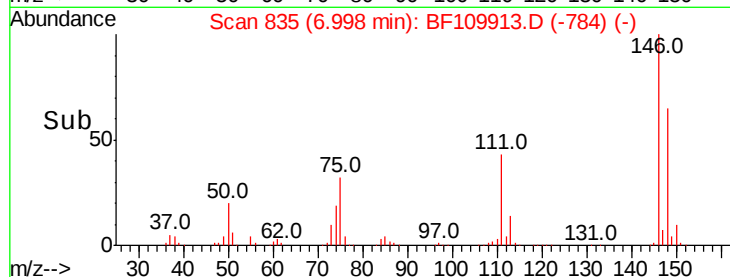
111 42.6 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.653 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

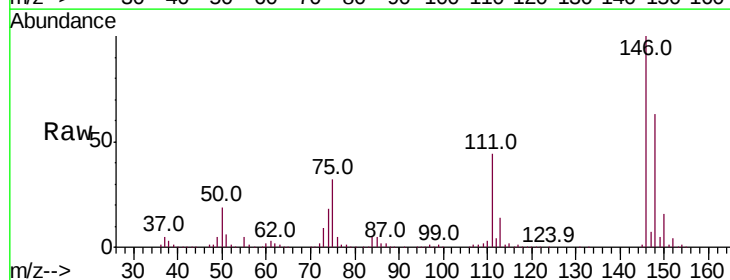
Tgt Ion:146 Resp: 548460

Ion Ratio Lower Upper

146 100

148 62.7 51.1 76.7

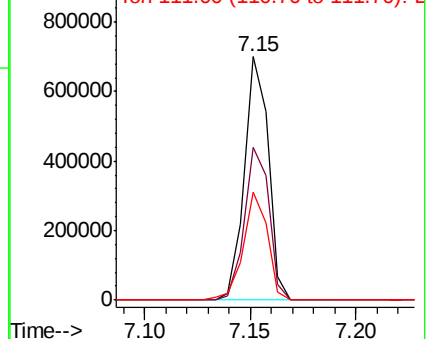
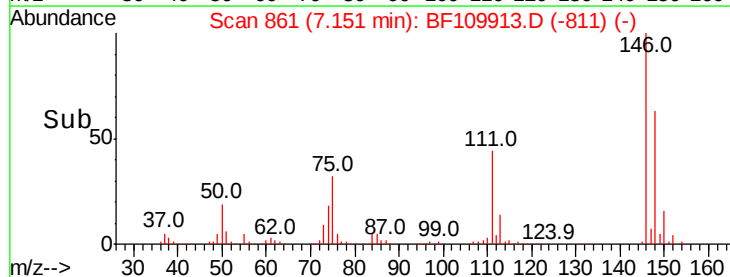
111 44.3 35.8 53.6

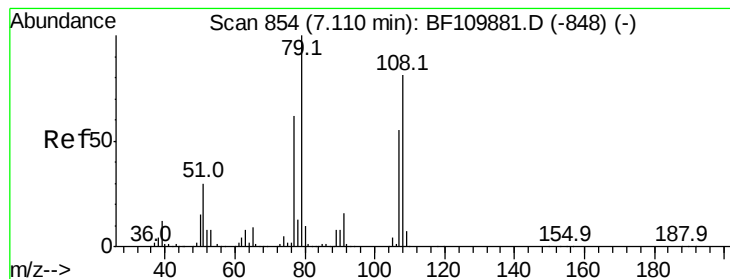


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.540 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

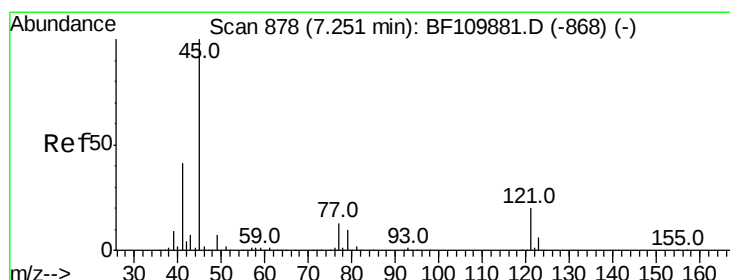
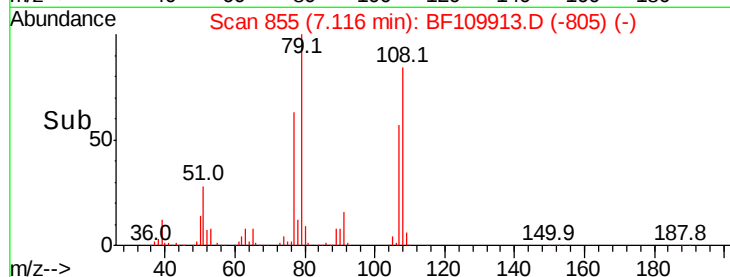
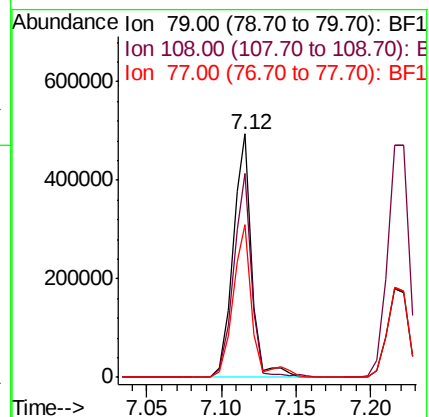
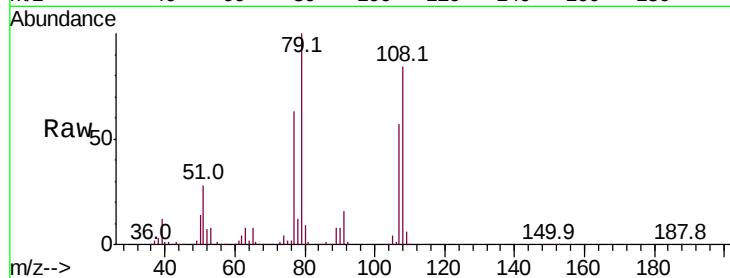
Tot Ion: 79 Resp: 435455

Ion Ratio Lower Upper

79 100

108 83.8 56.3 84.5

77 62.9 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.366 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

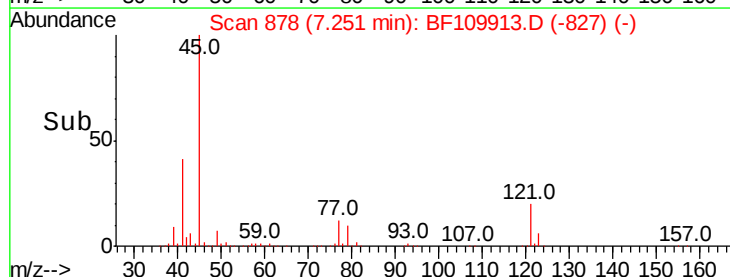
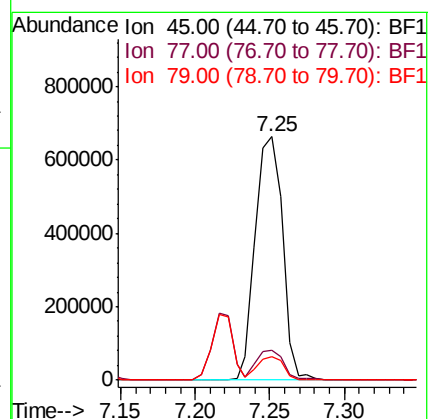
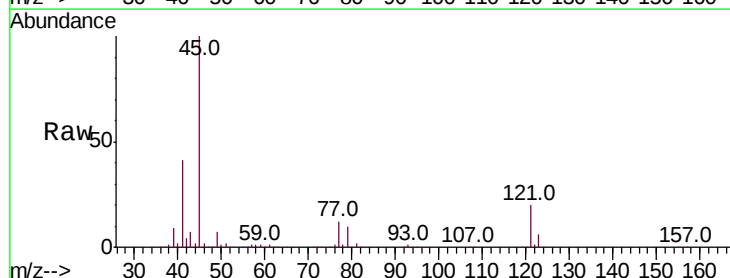
Tgt Ion: 45 Resp: 834786

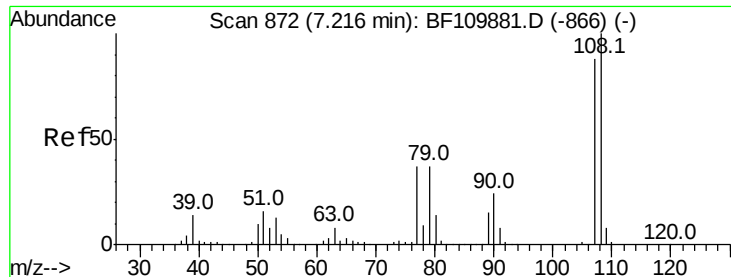
Ion Ratio Lower Upper

45 100

77 12.4 10.0 50.0

79 9.7 6.1 46.1





#17

2-Methylphenol

Concen: 37.289 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 408982

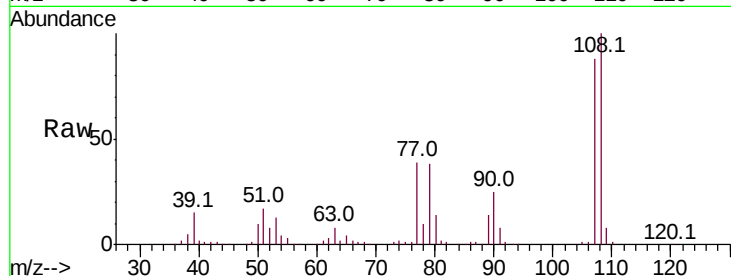
Ion Ratio Lower Upper

107 100

108 113.5 92.6 138.8

77 44.2 59.4 89.2#

79 43.3 54.0 81.0#

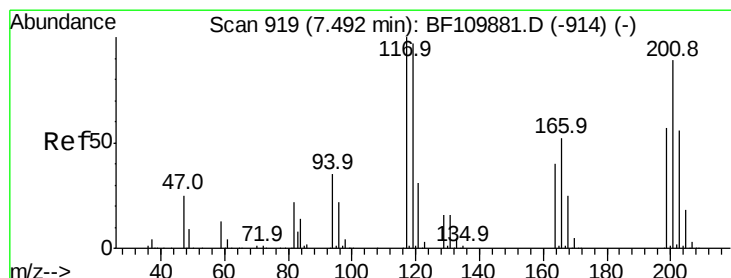
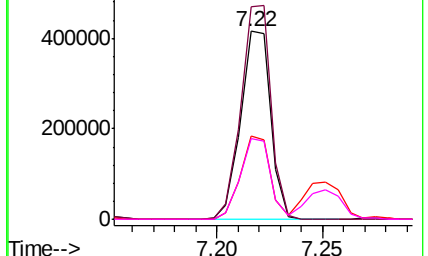
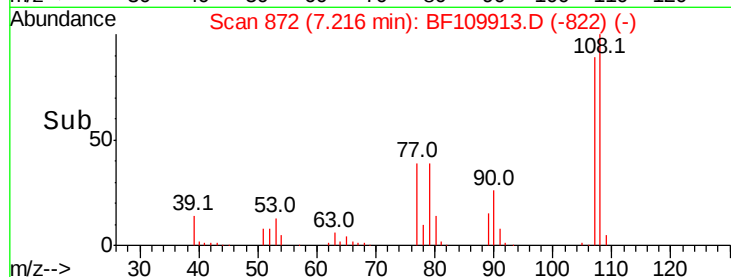


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.706 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

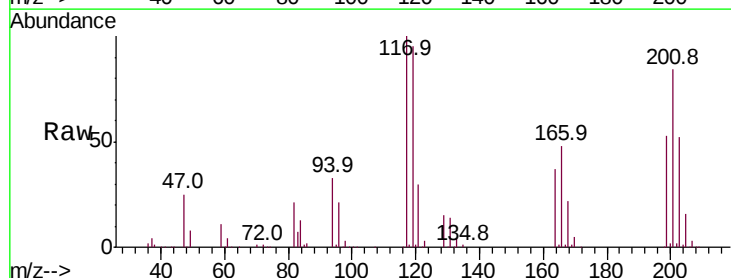
Tgt Ion:117 Resp: 210763

Ion Ratio Lower Upper

117 100

119 94.6 75.0 112.6

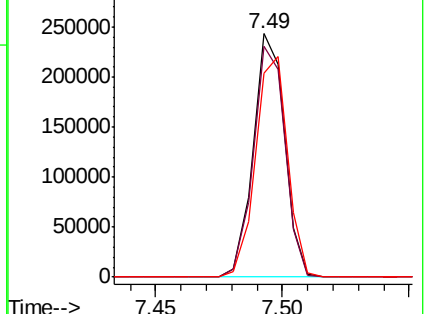
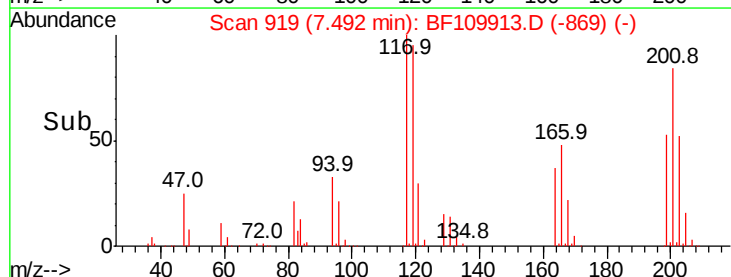
201 83.6 79.2 118.8

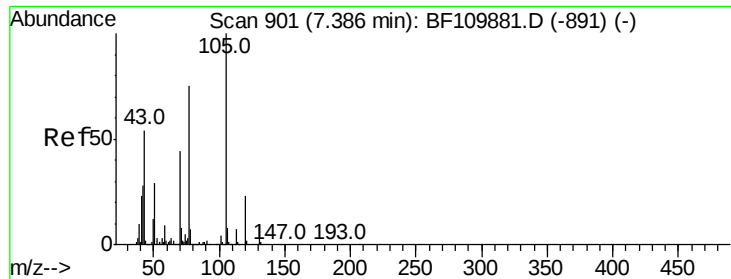


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

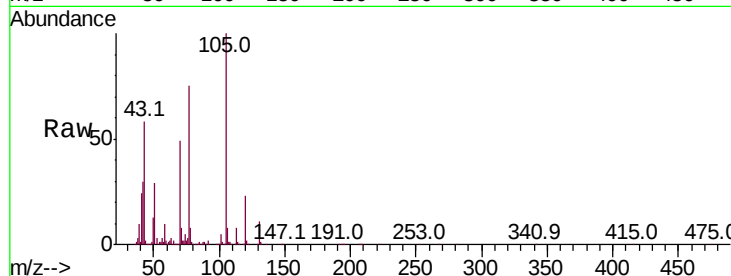




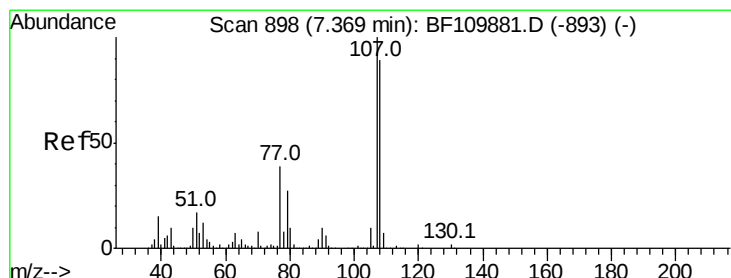
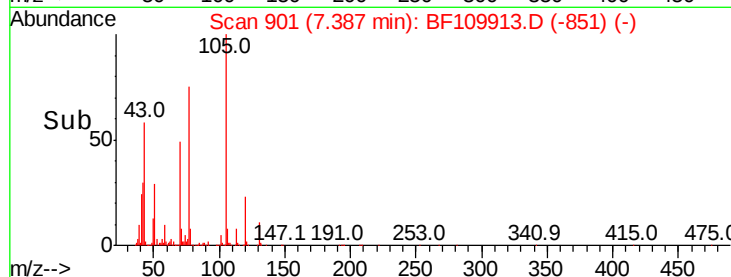
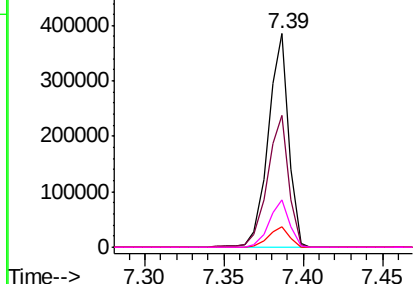
#19
n-Nitroso-di-n-propylamine
Concen: 36.143 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	70	Resp:	349908
Ion	Ratio	Lower	Upper
70	100		
42	61.5	47.4	71.2
101	9.9	7.3	10.9
130	22.3	16.2	24.2

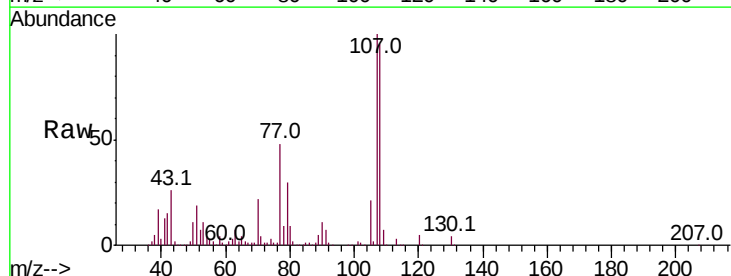


Abundance Ion 70.00 (69.70 to 70.70): BF1
600000
Ion 42.00 (41.70 to 42.70): BF1
500000
Ion 101.00 (100.70 to 101.70): E
400000
Ion 130.00 (129.70 to 130.70): E
300000
200000
100000
0

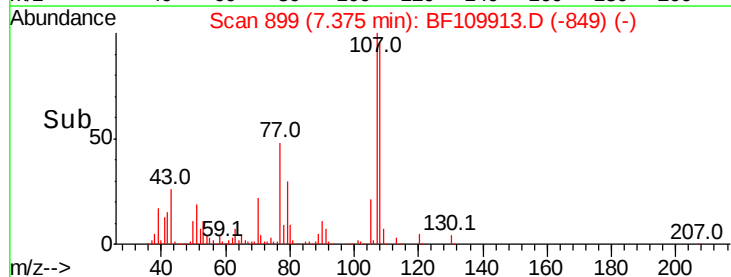
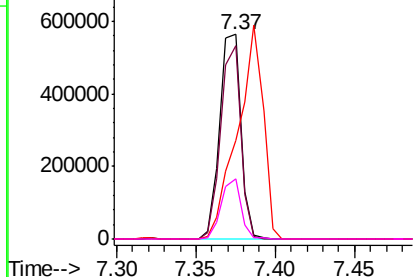


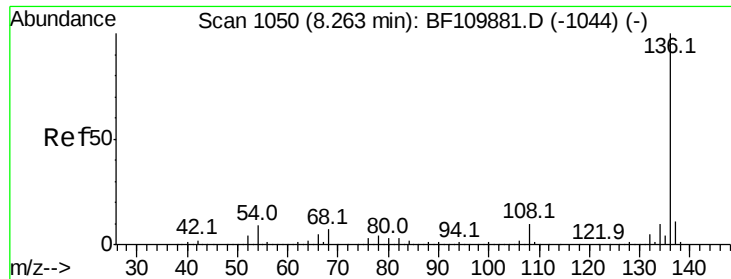
#20
3+4-Methylphenols
Concen: 37.644 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Tgt Ion:	107	Resp:	523923
Ion	Ratio	Lower	Upper
107	100		
108	94.9	71.4	111.4
77	48.0	47.3	87.3
79	29.6	10.9	50.9



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

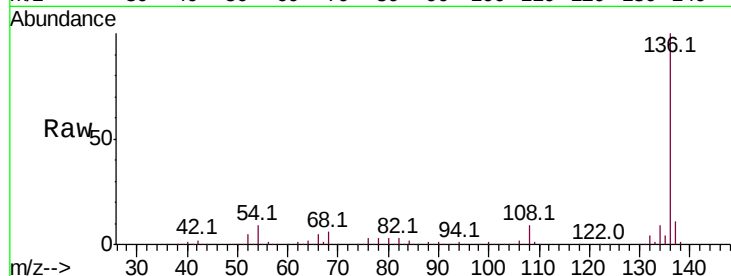




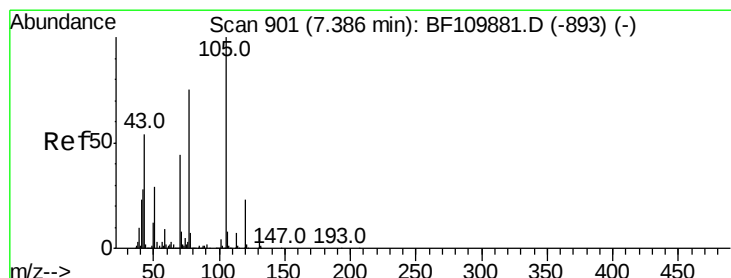
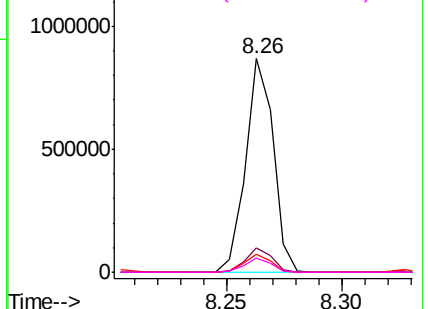
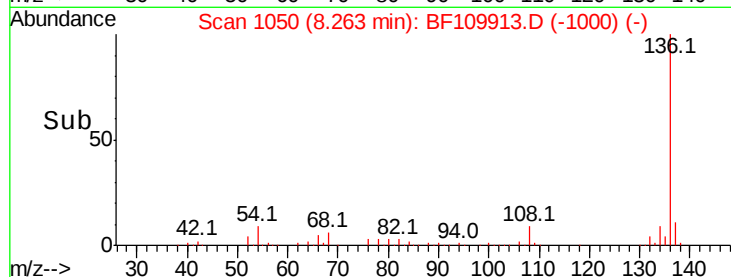
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:136	Resp:	727856
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.8	13.2
54 8.7	5.4	8.2#
68 6.4	4.2	6.2#

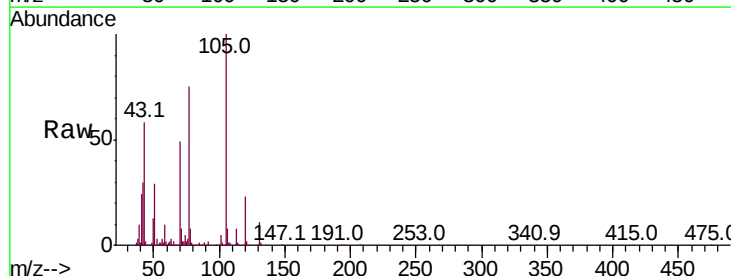


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

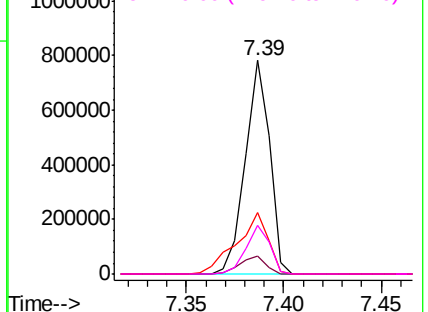
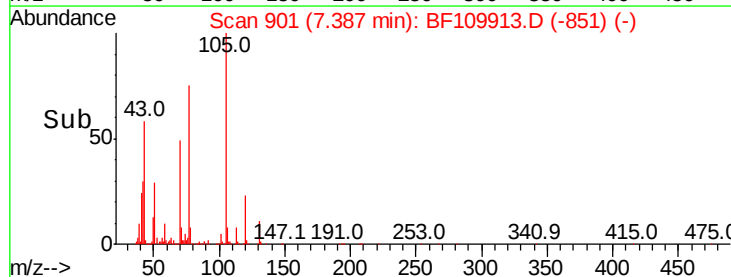


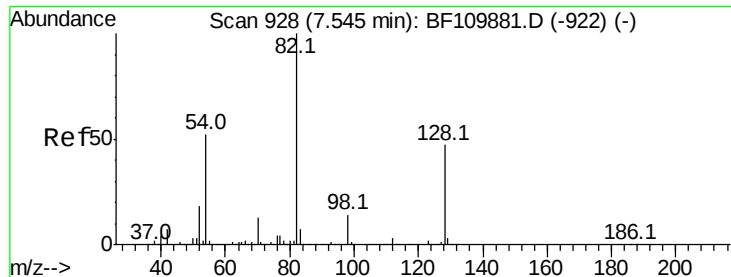
#22
Acetophenone
Concen: 40.060 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Tgt	Ion:105	Resp:	676192
Ion	Ratio	Lower	Upper
105	100		
71	8.3	5.2	7.8#
51	28.6	21.8	32.8
120	22.8	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

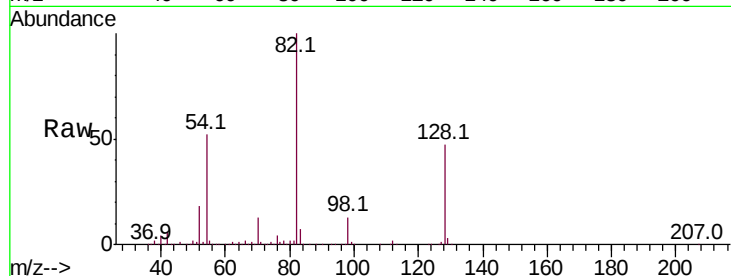




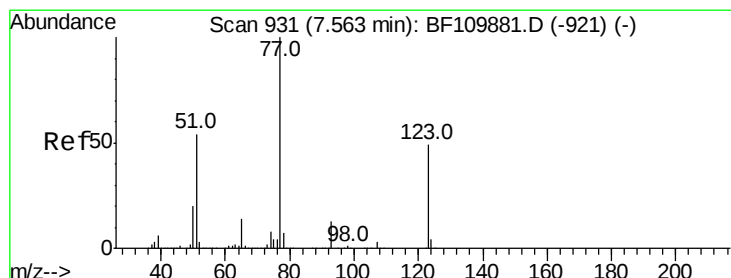
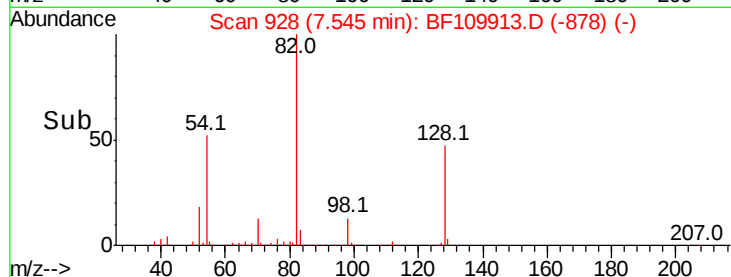
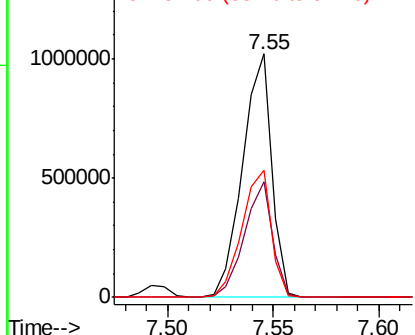
#23
Nitrobenzene-d5
Concen: 90.287 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 82 Resp: 975534
Ion Ratio Lower Upper
82 100
128 47.4 34.2 51.2
54 52.2 38.6 58.0

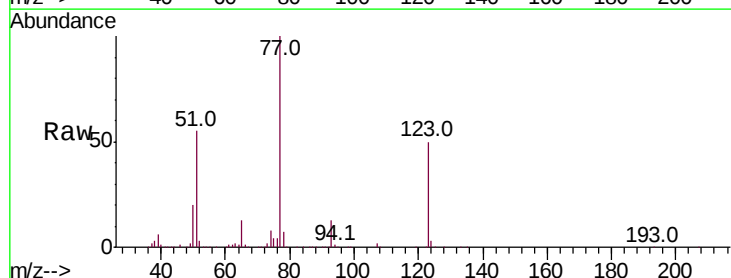


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

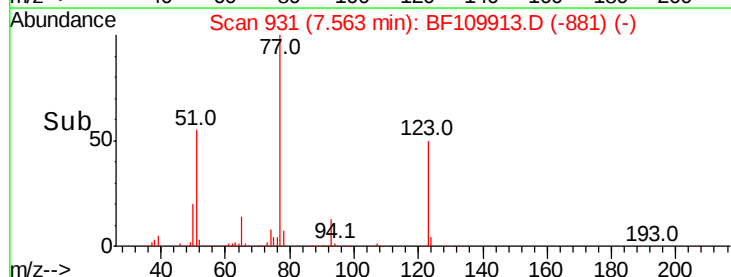
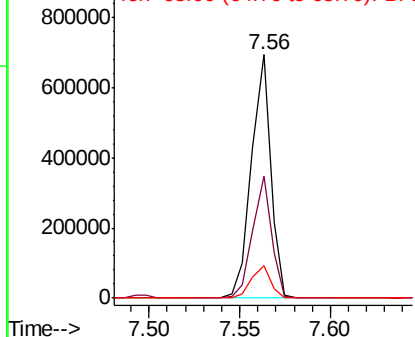


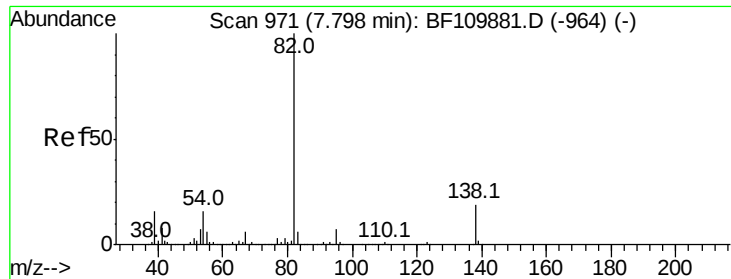
#24
Nitrobenzene
Concen: 43.890 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Tgt Ion: 77 Resp: 515169
Ion Ratio Lower Upper
77 100
123 50.1 35.7 53.5
65 13.5 10.7 16.1



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





#25

Isophorone

Concen: 37.529 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

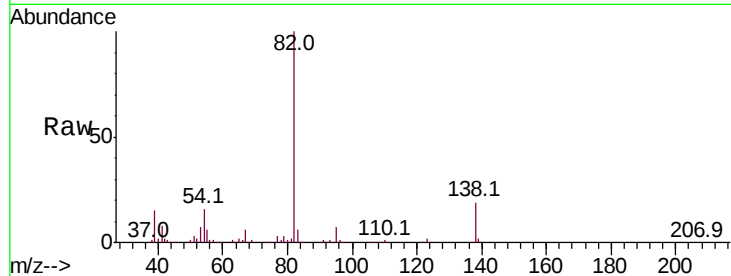
Tot Ion: 82 Resp: 796765

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

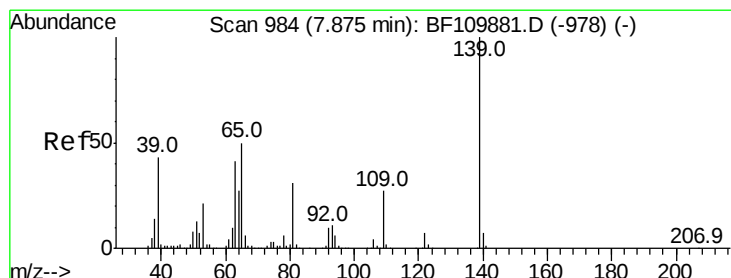
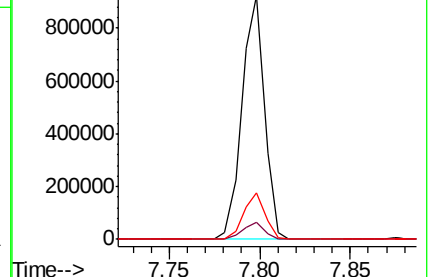
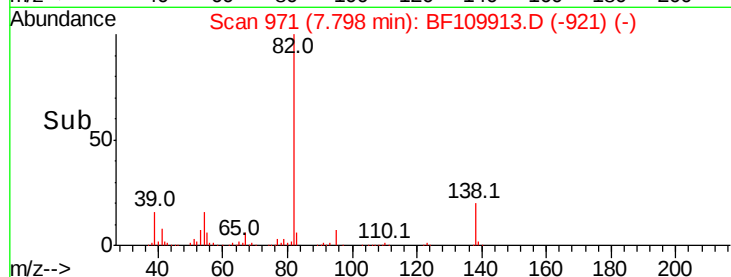
138 19.3 13.2 19.8



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: 47.894 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

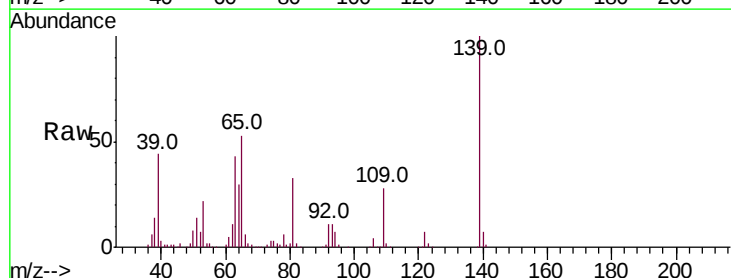
Tgt Ion: 139 Resp: 233086

Ion Ratio Lower Upper

139 100

109 27.8 25.0 37.6

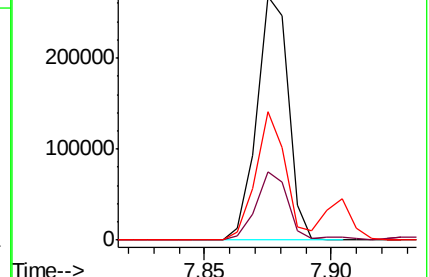
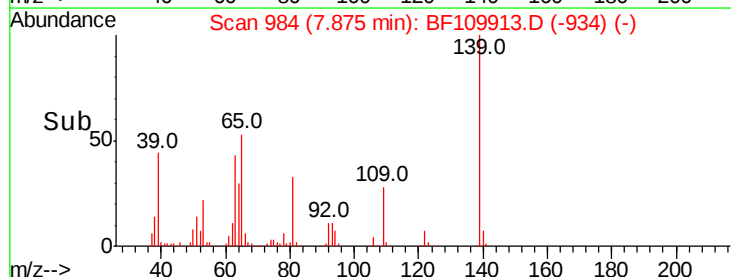
65 53.0 44.0 66.0

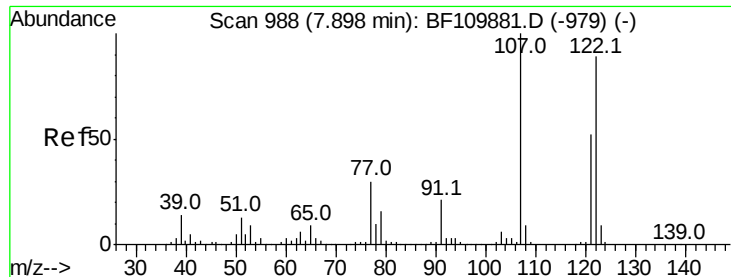


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.055 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

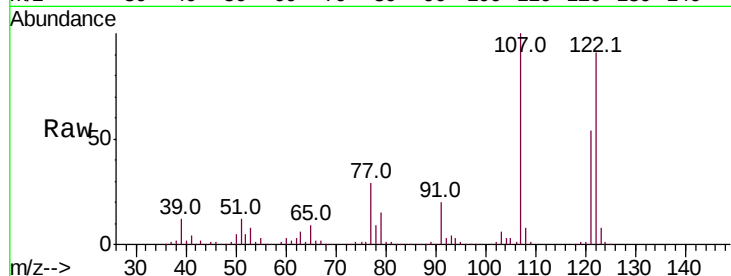
Tot Ion:122 Resp: 399382

Ion Ratio Lower Upper

122 100

107 109.9 92.5 138.7

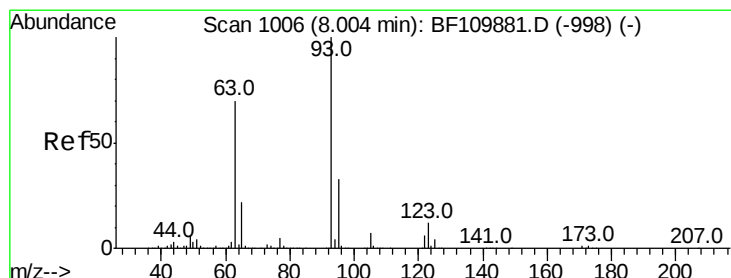
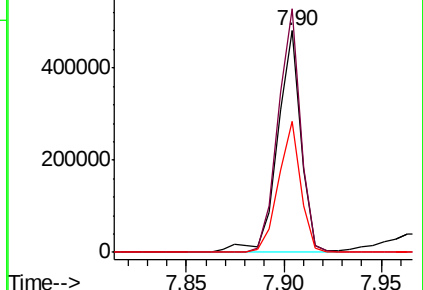
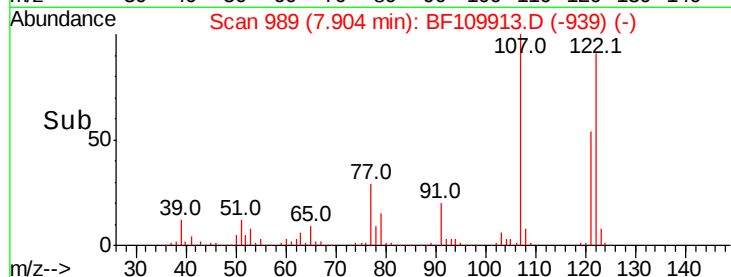
121 59.0 45.8 68.8



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: 39.596 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

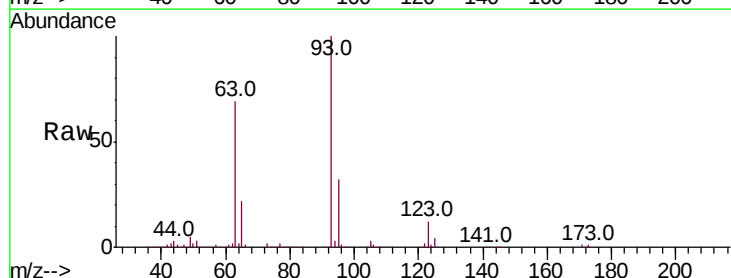
Tgt Ion: 93 Resp: 576920

Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

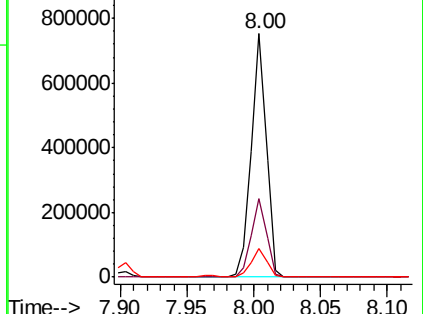
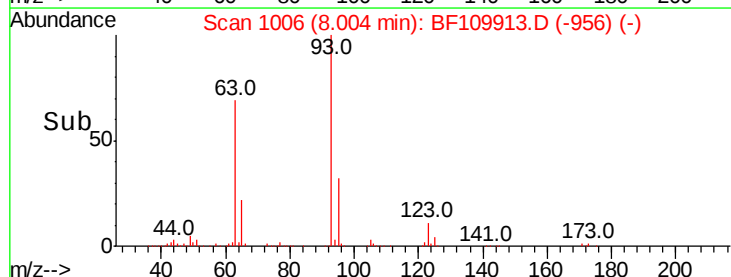
123 11.6 9.0 13.6

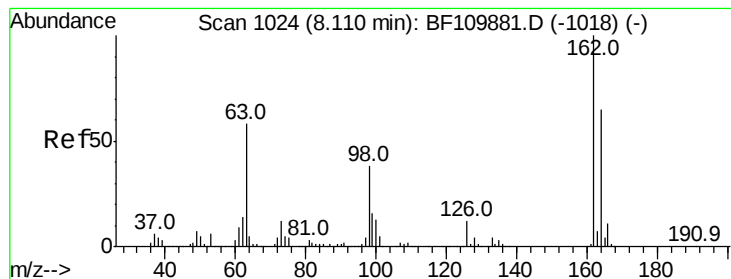


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.253 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

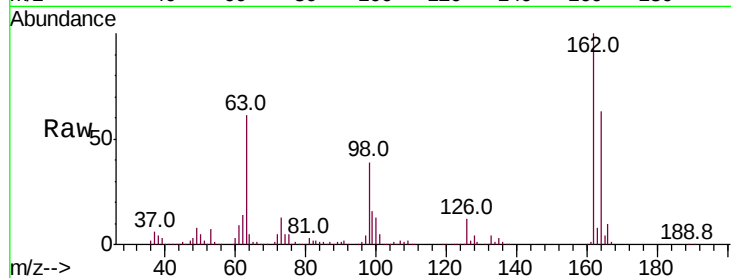
Tot Ion:162 Resp: 389396

Ion Ratio Lower Upper

162 100

164 62.6 44.6 84.6

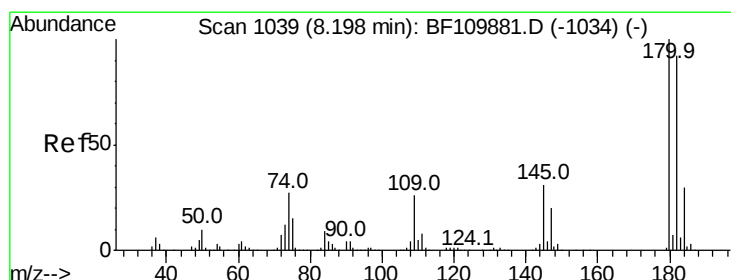
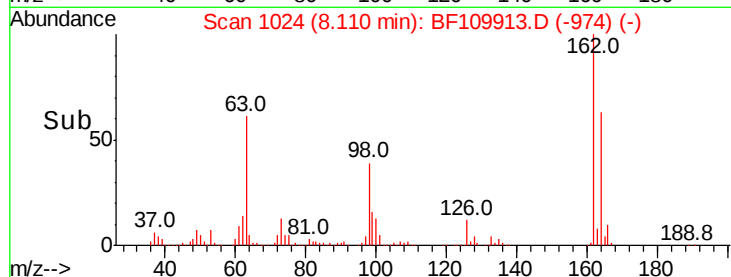
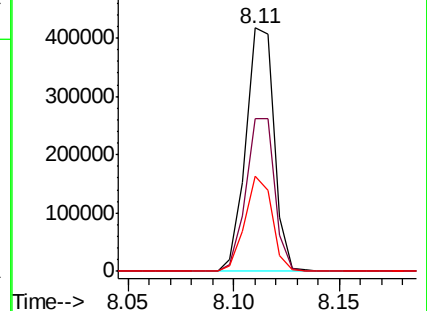
98 39.1 17.4 57.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.378 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

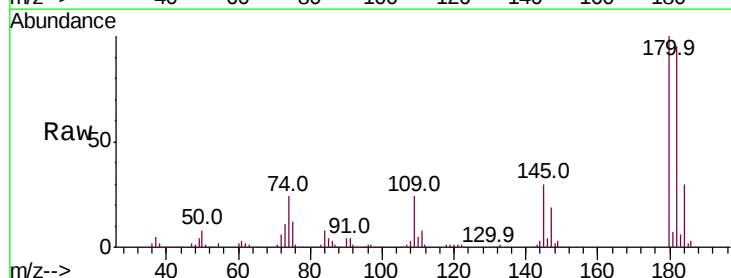
Tgt Ion:180 Resp: 448492

Ion Ratio Lower Upper

180 100

182 95.0 80.3 120.5

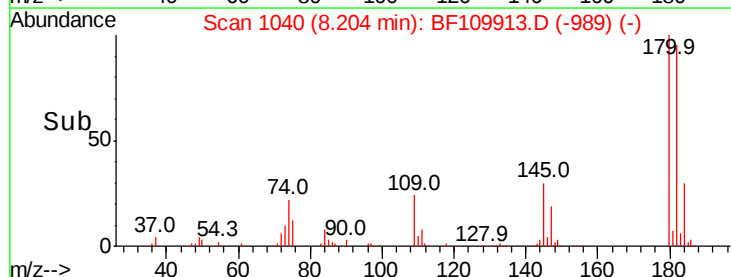
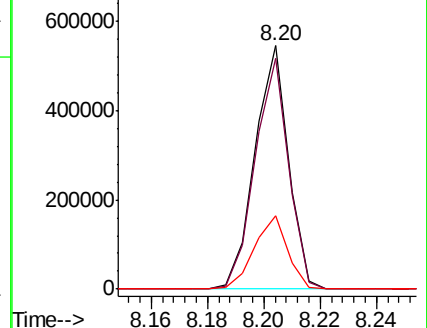
145 30.4 25.4 38.0

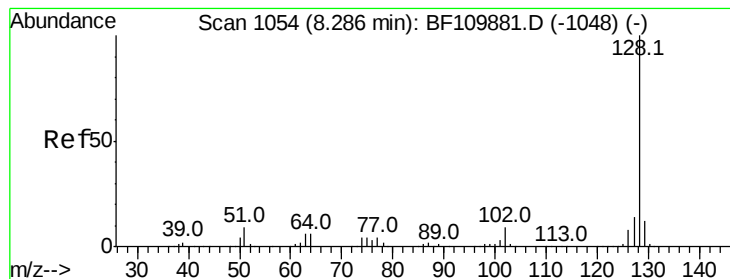


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.268 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

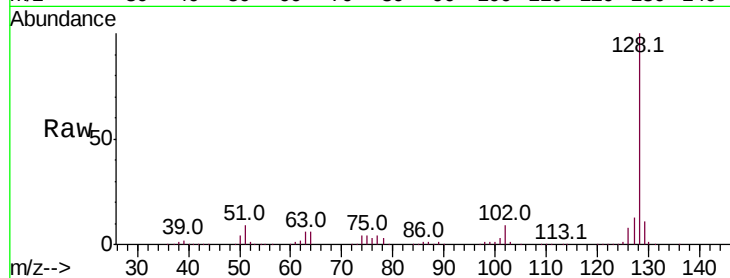
Tot Ion:128 Resp: 1310630

Ion Ratio Lower Upper

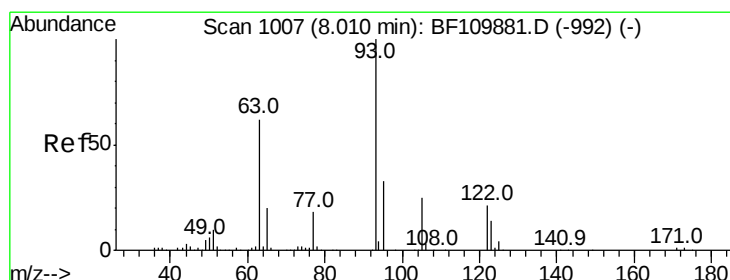
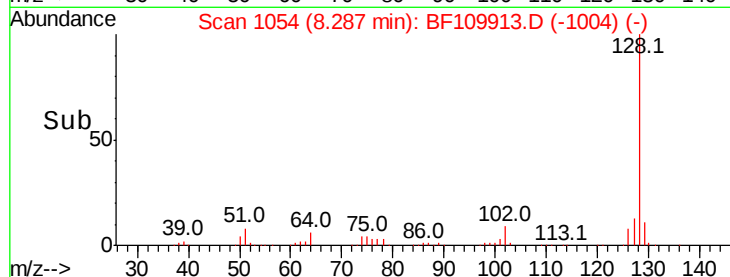
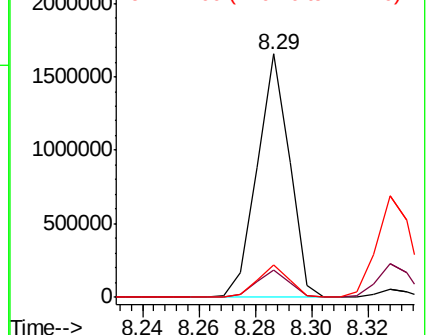
128 100

129 11.5 8.8 13.2

127 13.5 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: 11.620 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.04 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

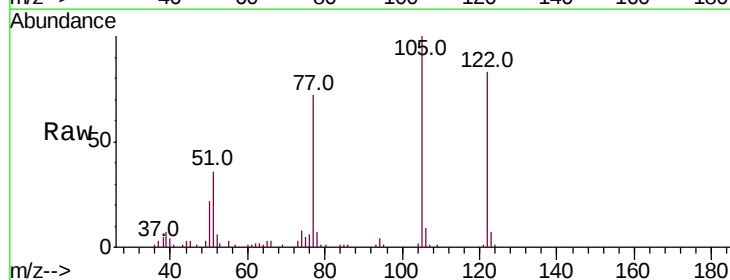
Tgt Ion:122 Resp: 74040

Ion Ratio Lower Upper

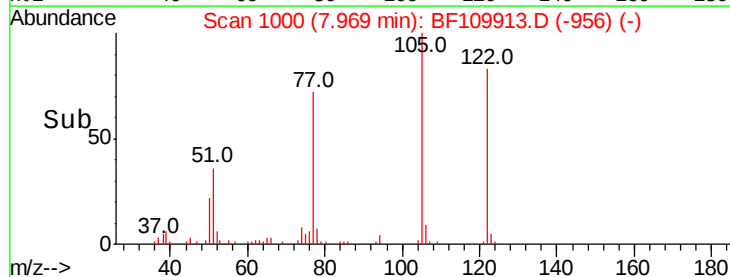
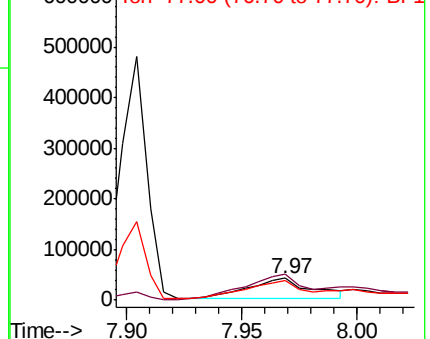
122 100

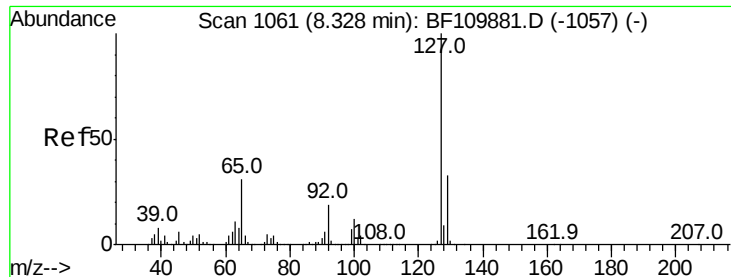
105 120.1 109.0 149.0

77 87.0 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

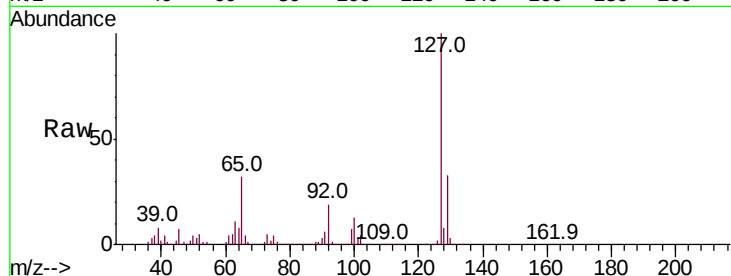




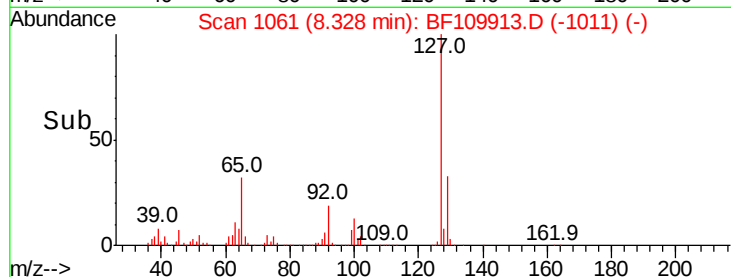
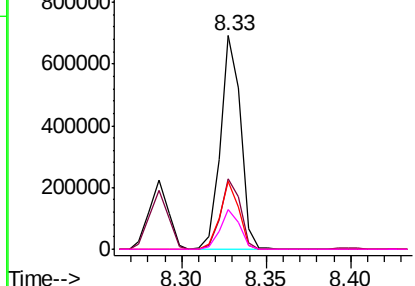
#33
4-Chloroaniline
Concen: 38.207 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	573245
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.0	39.0
65	31.8	25.1	37.7
92	18.7	15.0	22.6

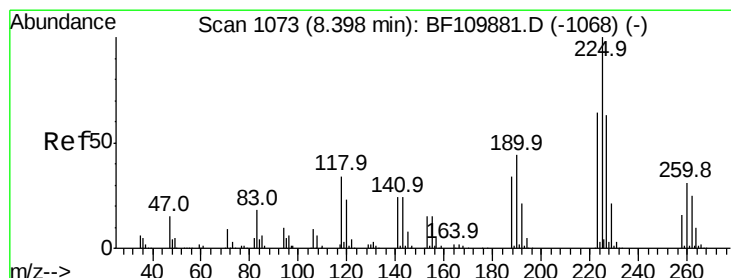


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

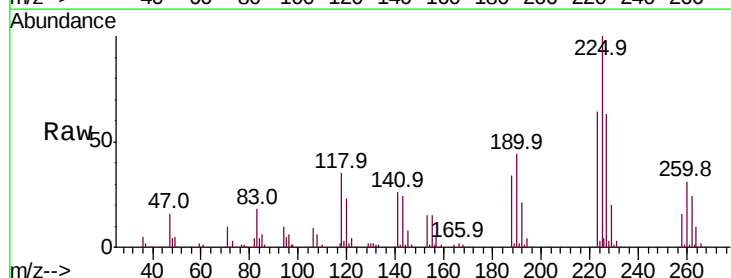
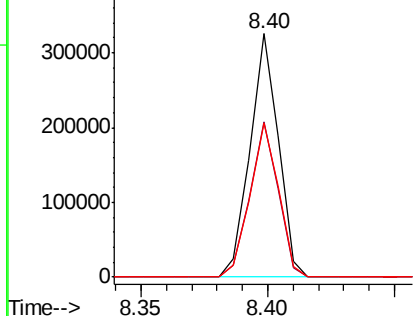


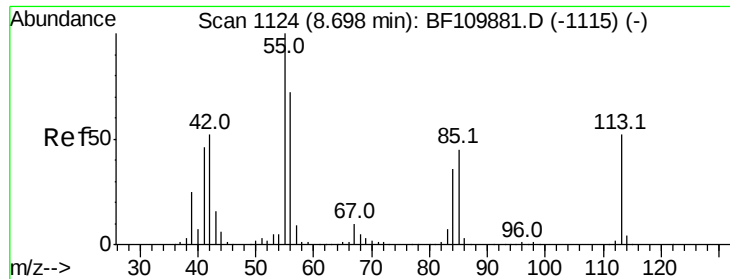
#34
Hexachlorobutadiene
Concen: 41.429 ng
RT: 8.40 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Tgt Ion:	225	Resp:	253752
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.4	77.2
227	63.0	51.0	76.6



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

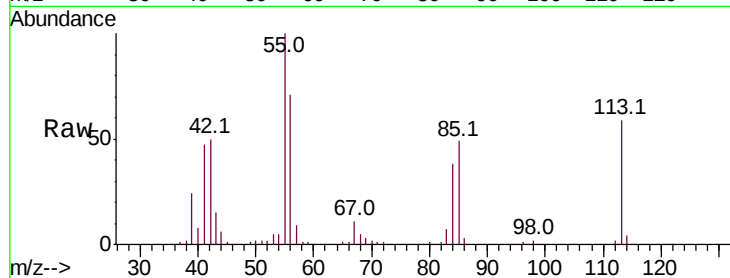




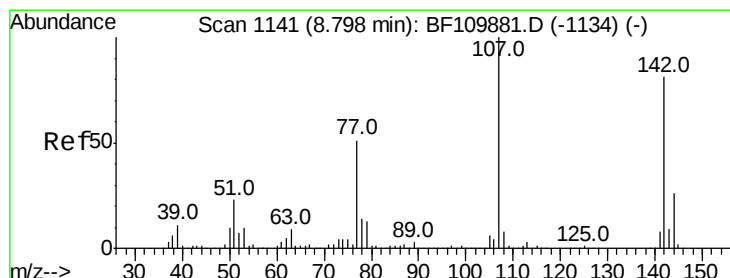
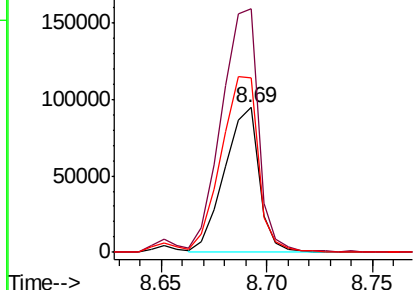
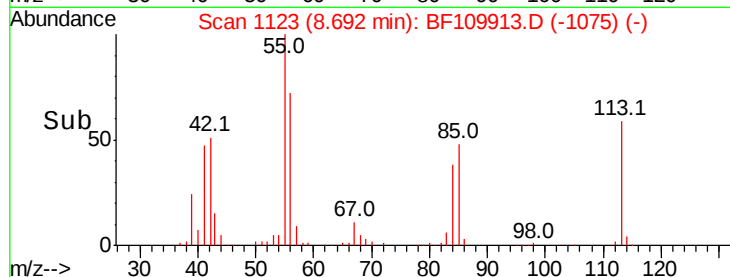
#35
 Caprolactam
 Concen: 30.684 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BF109913.D
 Acq: 16 Oct 2018 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:113 Resp: 108104
 Ion Ratio Lower Upper
 113 100
 55 168.5 142.8 182.8
 56 120.4 105.0 145.0

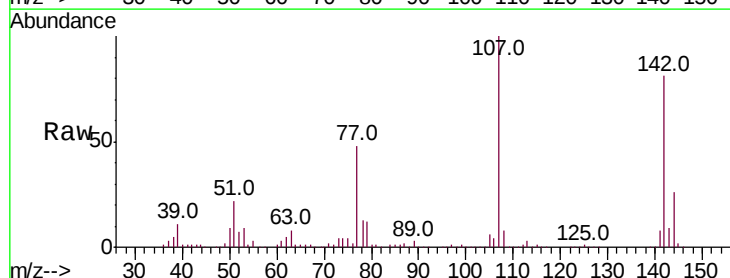


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

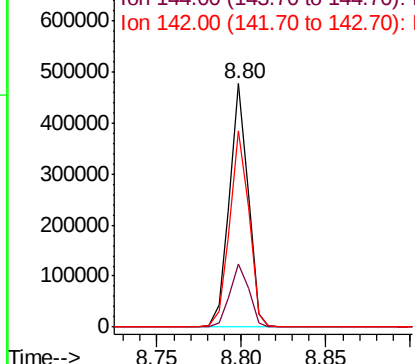
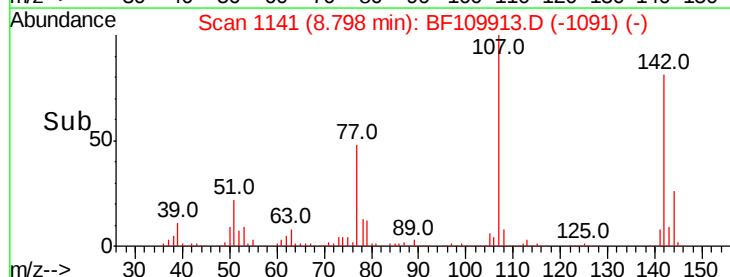


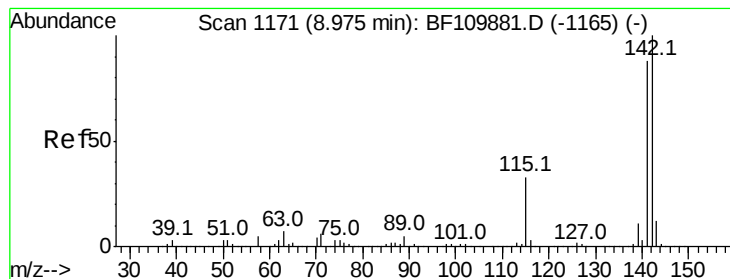
#36
 4-Chloro-3-methylphenol
 Concen: 35.281 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF109913.D
 Acq: 16 Oct 2018 18:47

Tgt Ion:107 Resp: 369221
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.0 30.0
 142 80.6 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: 37.597 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

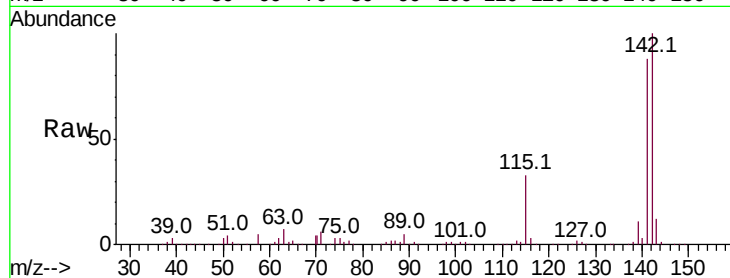
Tot Ion:142 Resp: 812563

Ion Ratio Lower Upper

142 100

141 88.3 71.4 107.2

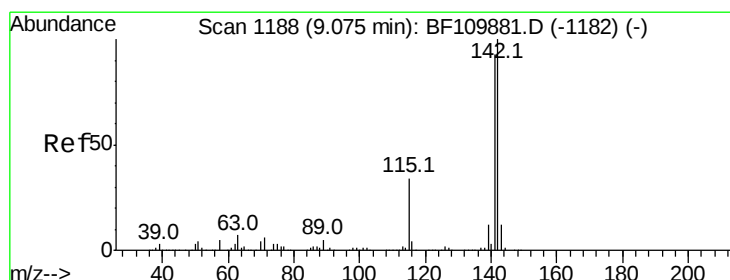
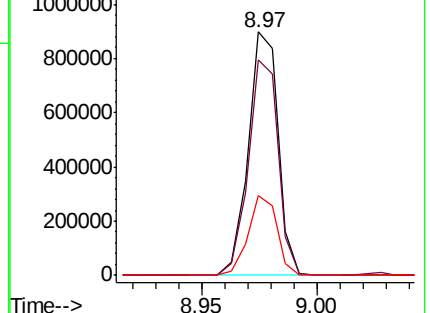
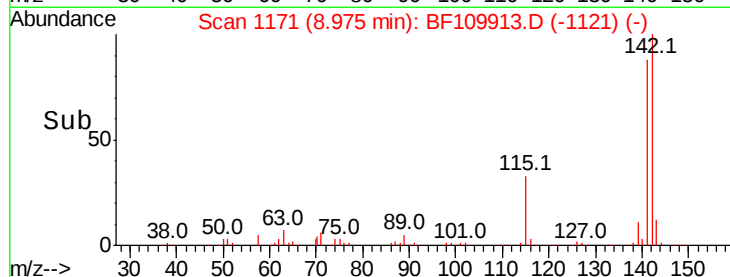
115 33.0 28.7 43.1



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: 36.868 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

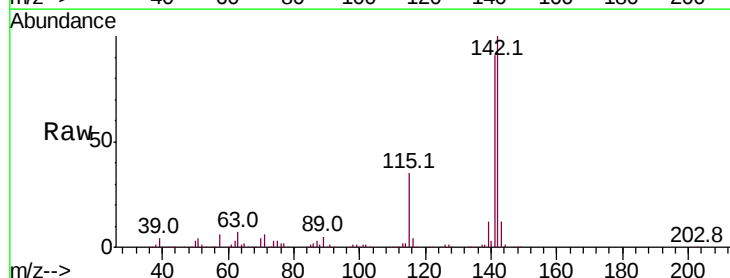
Tgt Ion:142 Resp: 772108

Ion Ratio Lower Upper

142 100

141 91.5 74.2 111.4

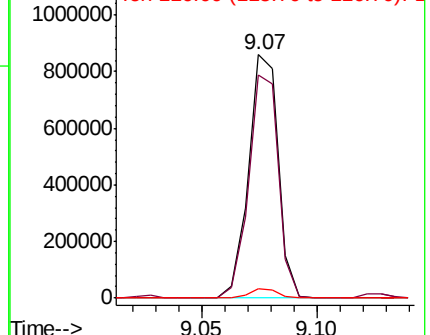
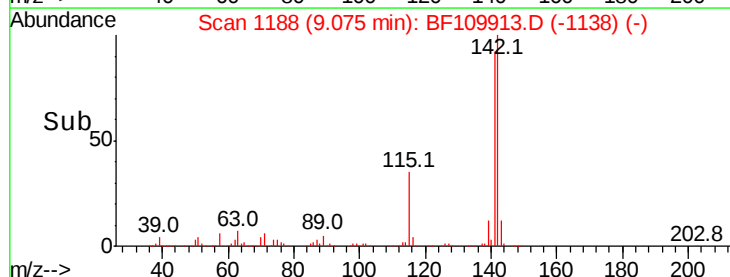
116 3.7 2.6 4.0

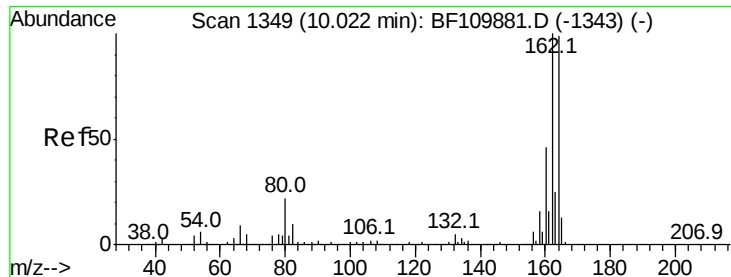


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

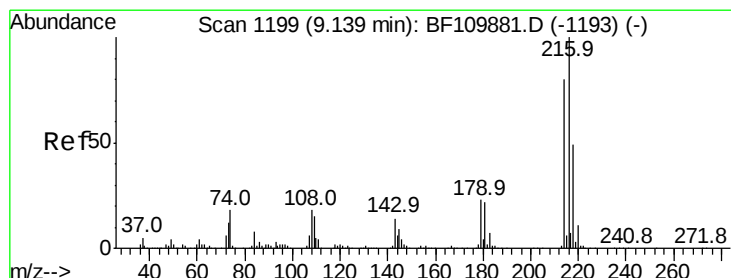
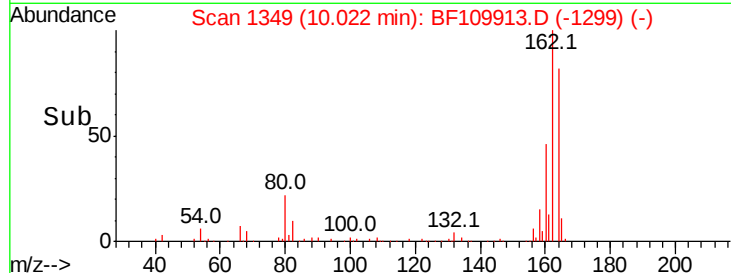
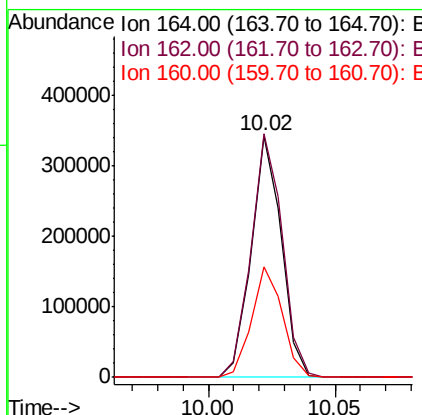
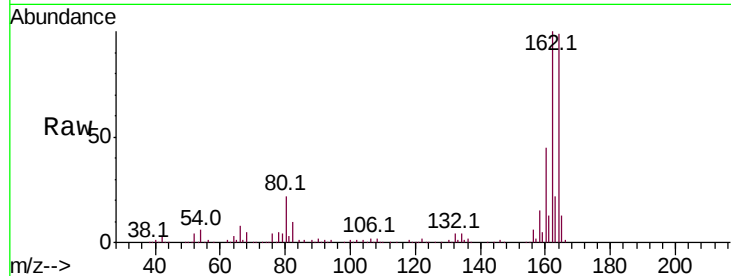




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF109913.D
 Acq: 16 Oct 2018 18:47

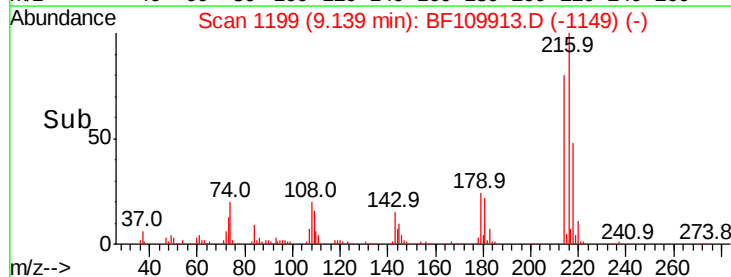
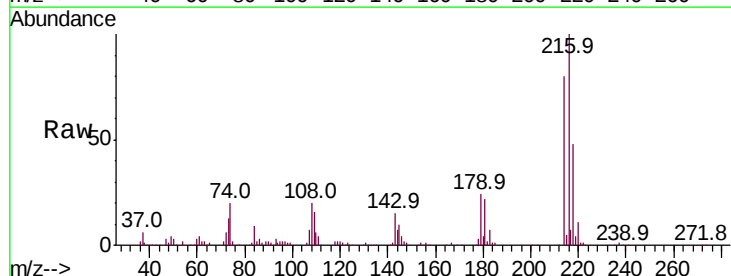
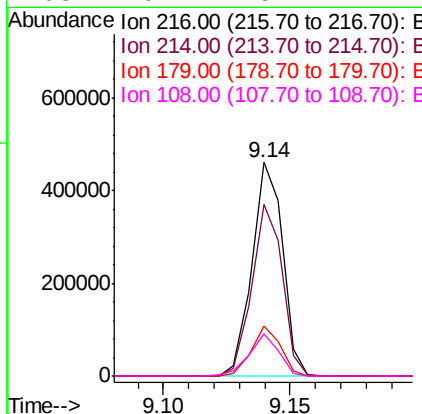
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

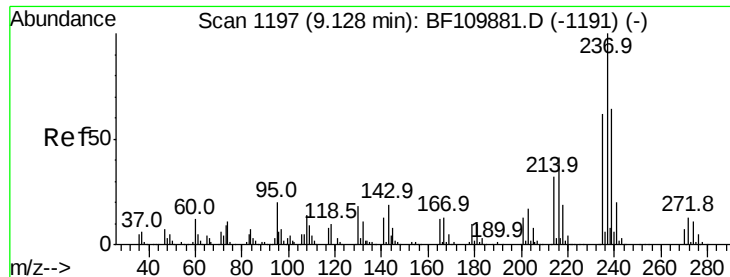
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	83.0	124.6
160	45.6	37.0	55.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.366 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF109913.D
 Acq: 16 Oct 2018 18:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.6
179	22.4	16.6	25.0
108	19.4	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 20.319 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

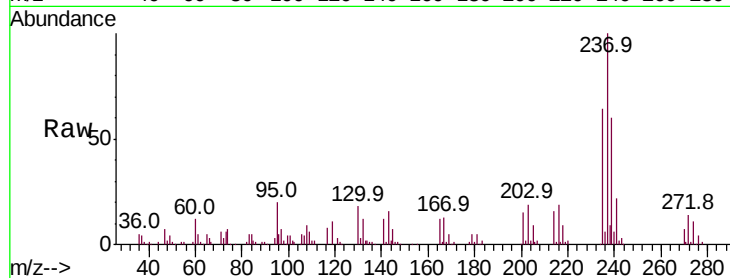
Tot Ion:237 Resp: 85776

Ion Ratio Lower Upper

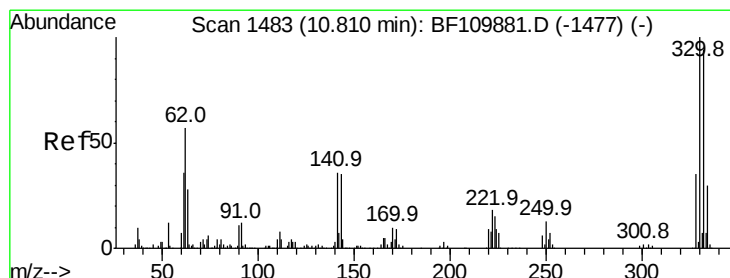
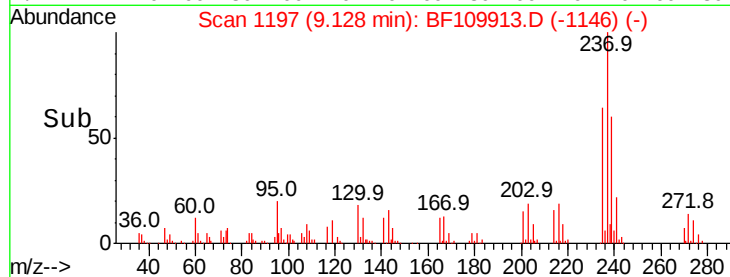
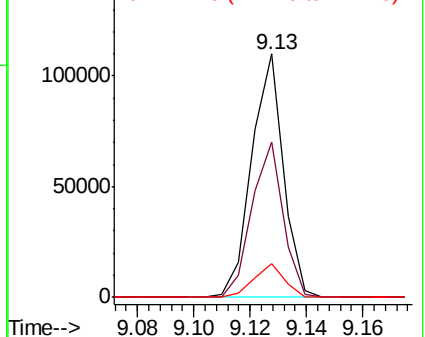
237 100

235 64.0 43.1 83.1

272 14.1 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: 78.289 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

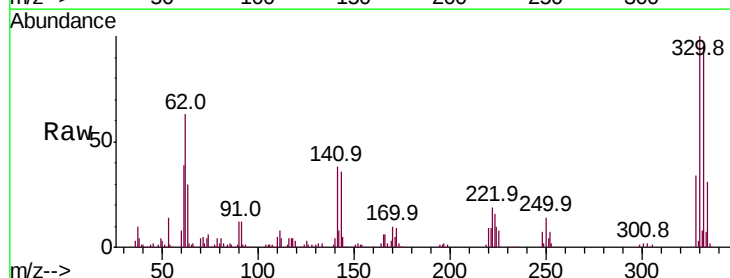
Tgt Ion:330 Resp: 192468

Ion Ratio Lower Upper

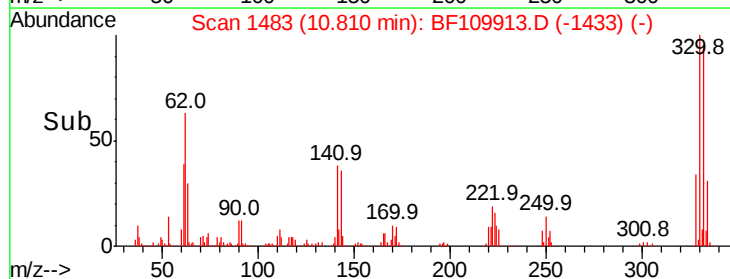
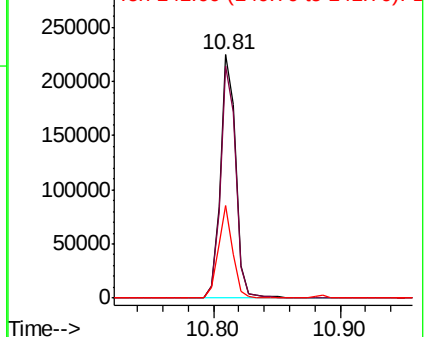
330 100

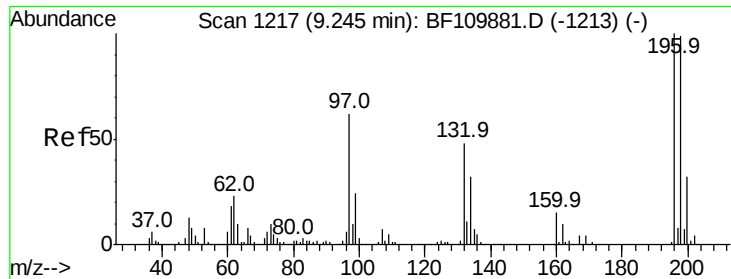
332 94.9 77.1 115.7

141 35.7 27.0 40.4



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

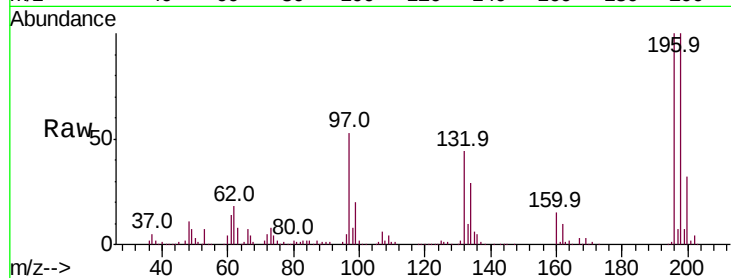




#43
 2,4,6-Trichlorophenol
 Concen: 42.245 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF109913.D
 Acq: 16 Oct 2018 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.9	76.2	114.4
200	31.7	24.4	36.6

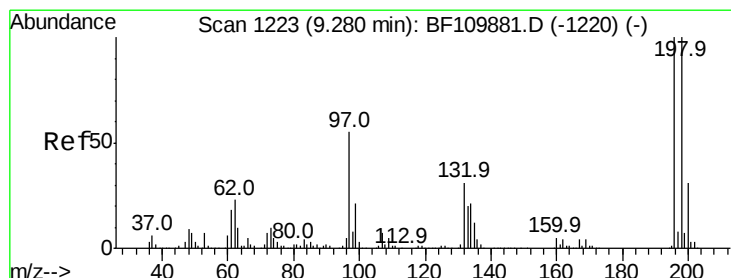
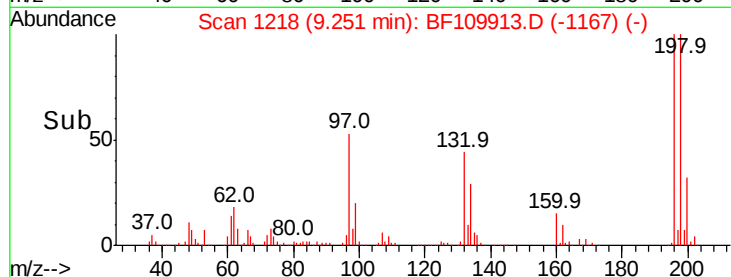
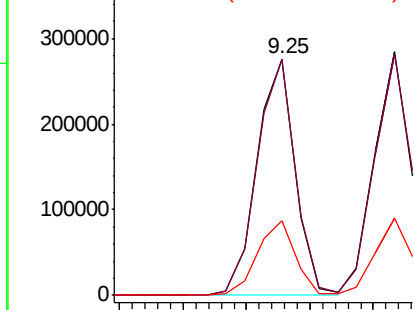


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.598 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF109913.D
 Acq: 16 Oct 2018 18:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.0	75.8	113.6
97	50.9	42.4	63.6
132	29.9	22.8	34.2

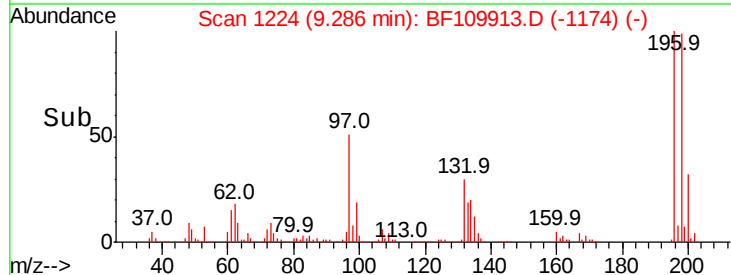
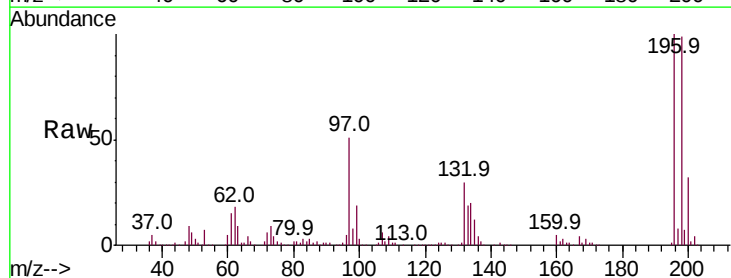
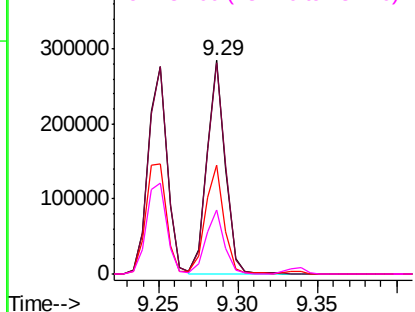
Abundance

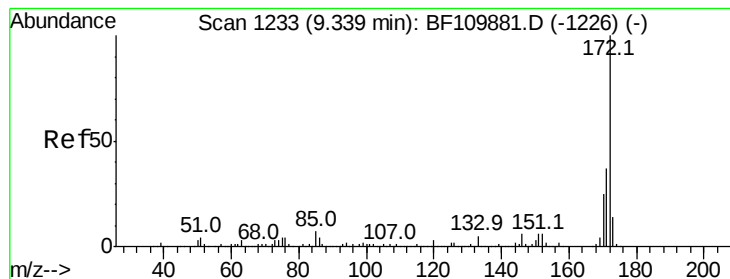
Ion 196.00 (195.70 to 196.70): E

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: 90.390 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

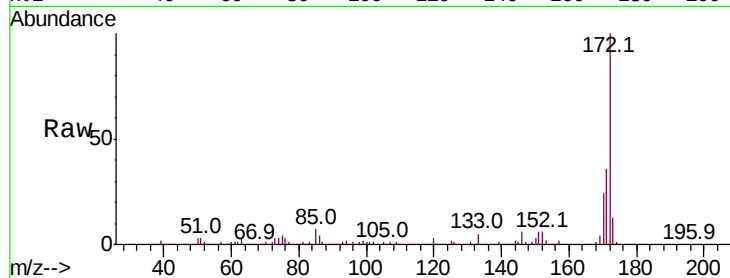
Tot Ion:172 Resp: 1608538

Ion Ratio Lower Upper

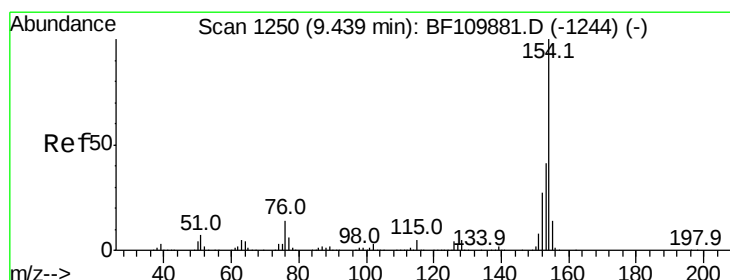
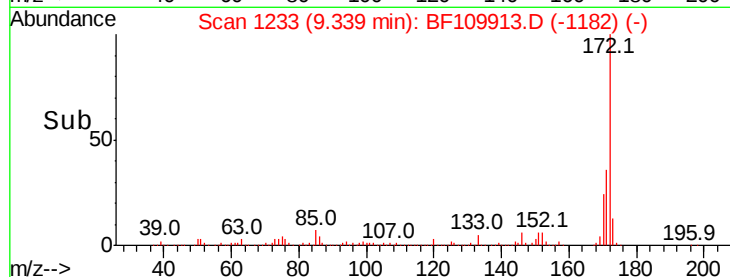
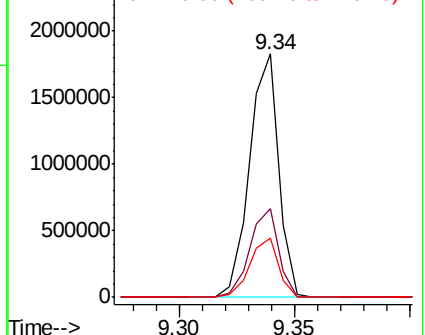
172 100

171 36.3 28.6 43.0

170 24.4 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: 43.638 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

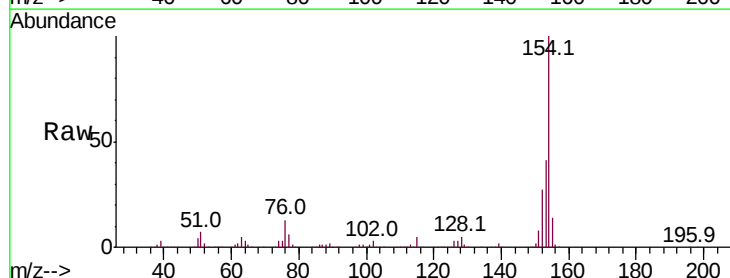
Tgt Ion:154 Resp: 1104019

Ion Ratio Lower Upper

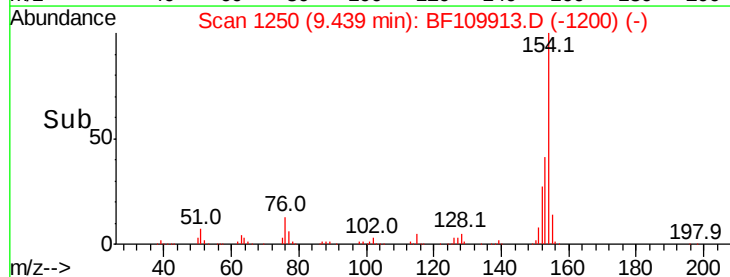
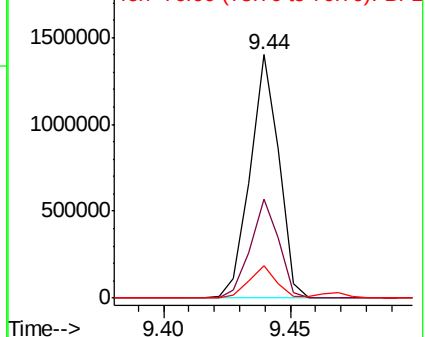
154 100

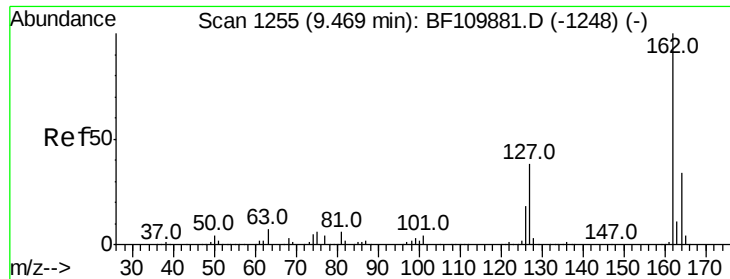
153 40.9 20.4 60.4

76 13.1 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

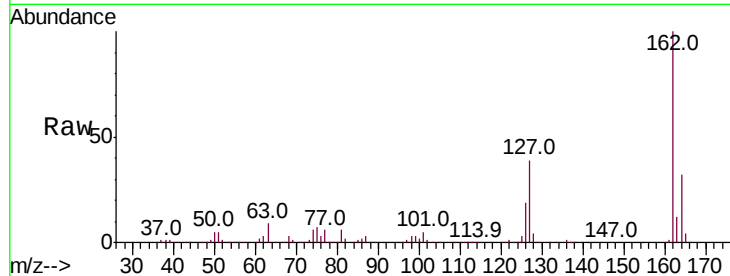




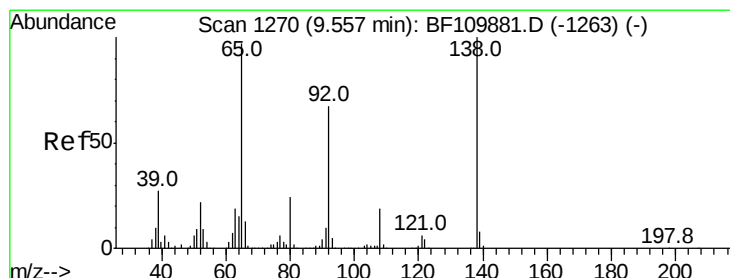
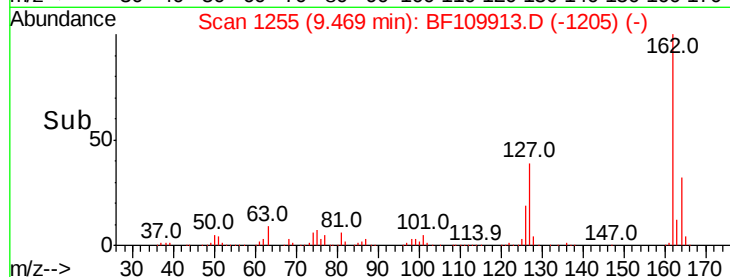
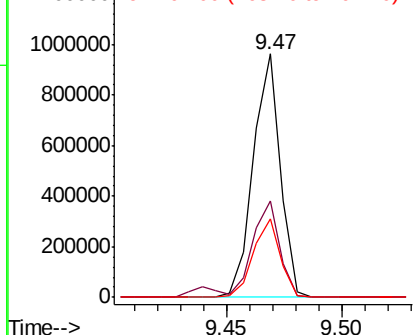
#47
 2-Chloronaphthalene
 Concen: 42.337 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF109913.D
 Acq: 16 Oct 2018 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	32.6	48.8
164	32.5	25.9	38.9

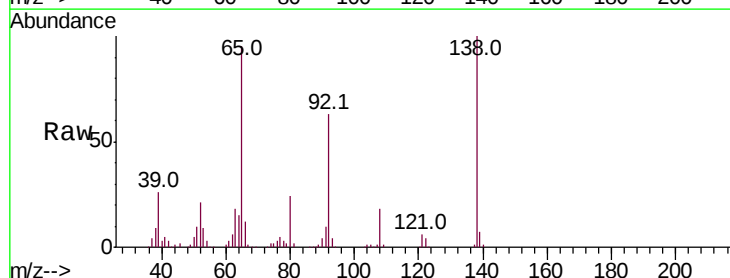


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

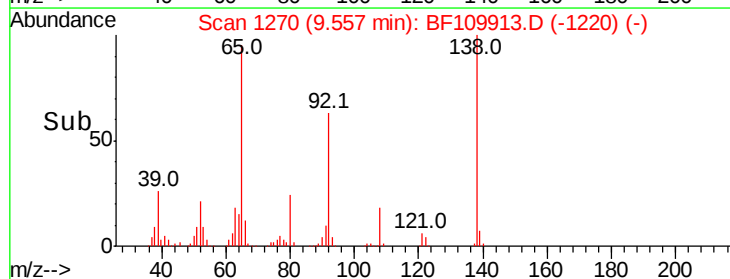
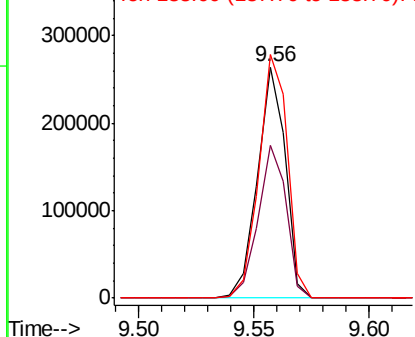


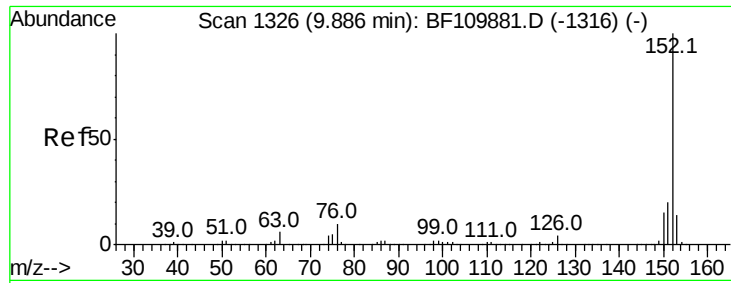
#48
 2-Nitroaniline
 Concen: 46.511 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF109913.D
 Acq: 16 Oct 2018 18:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	54.6	81.8
138	105.4	80.3	120.5



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





#49

Acenaphthylene

Concen: 40.193 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

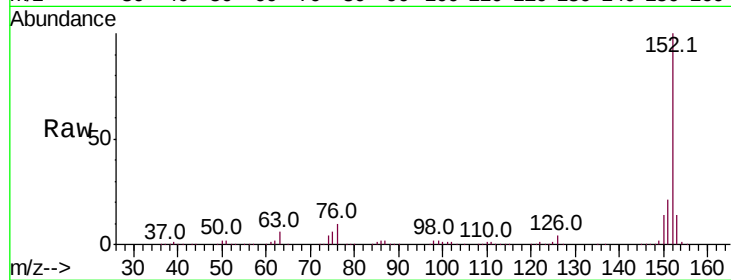
Tot Ion:152 Resp: 1088110

Ion Ratio Lower Upper

152 100

151 20.7 15.8 23.8

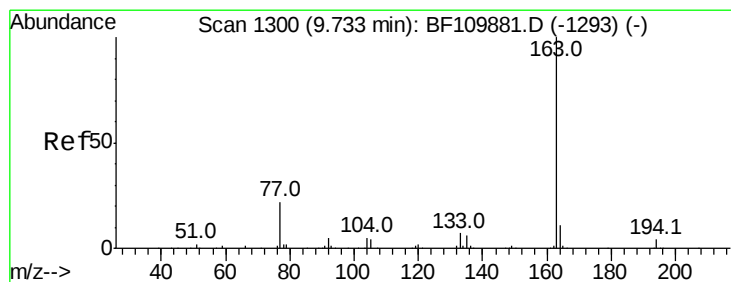
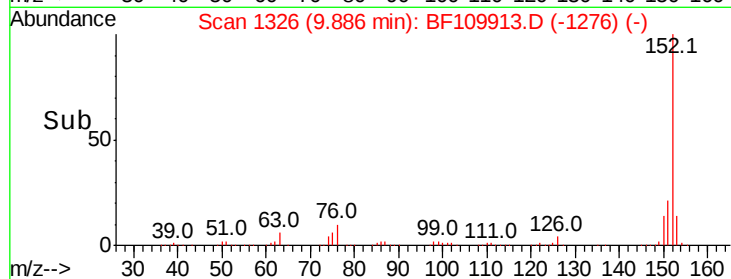
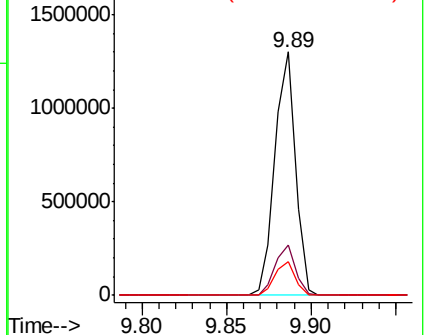
153 14.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.962 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

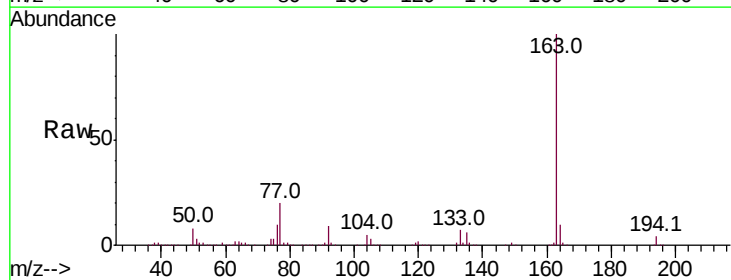
Tgt Ion:163 Resp: 823612

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

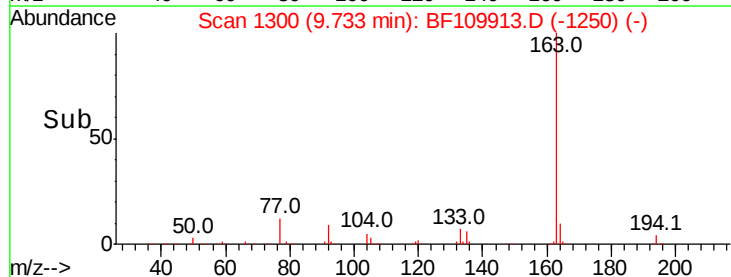
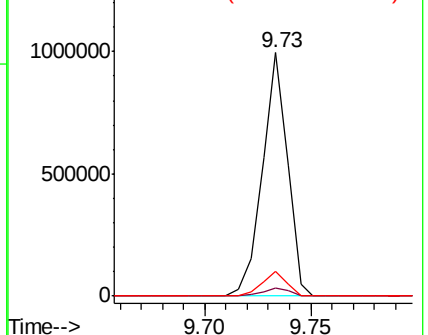
164 10.2 8.1 12.1

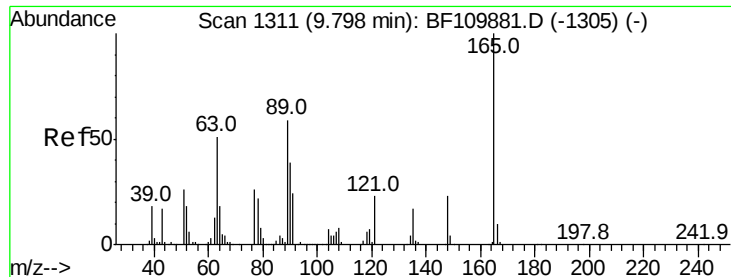


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

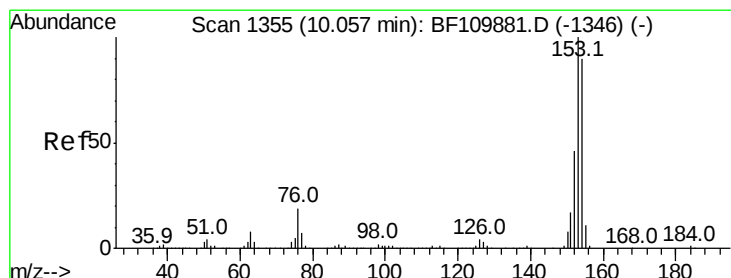
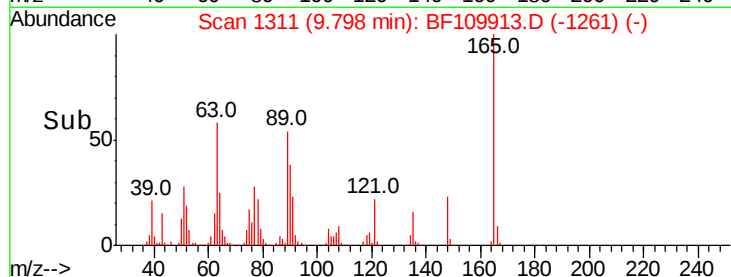
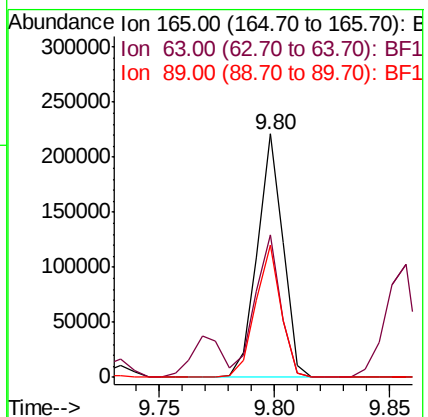
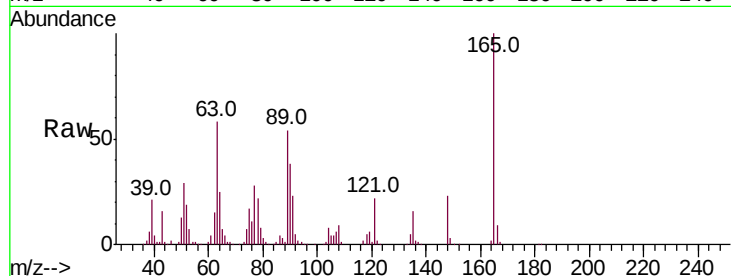




#51
2,6-Dinitrotoluene
Concen: 45.138 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

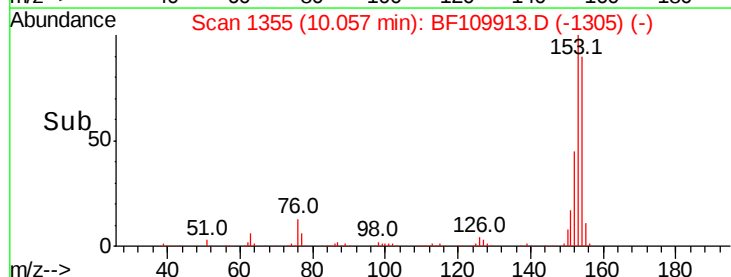
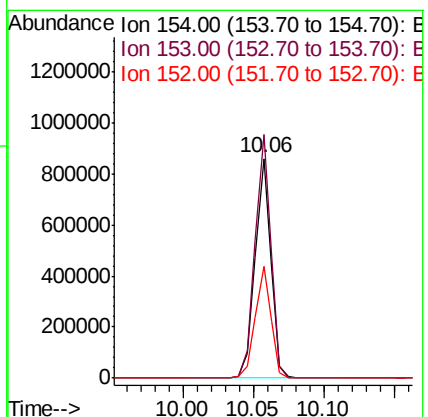
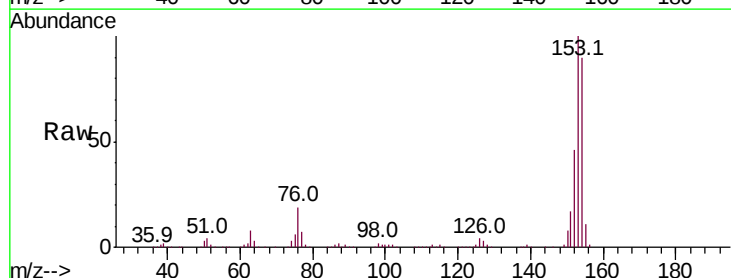
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

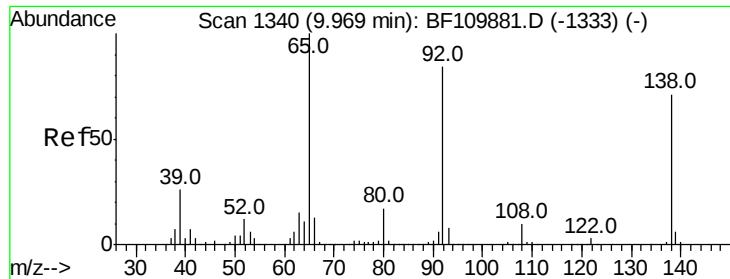
Tot Ion:165 Resp: 172378
Ion Ratio Lower Upper
165 100
63 58.3 48.9 73.3
89 54.4 46.6 69.8



#52
Acenaphthene
Concen: 39.558 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Tgt Ion:154 Resp: 681805
Ion Ratio Lower Upper
154 100
153 110.9 90.1 135.1
152 50.8 43.4 65.2

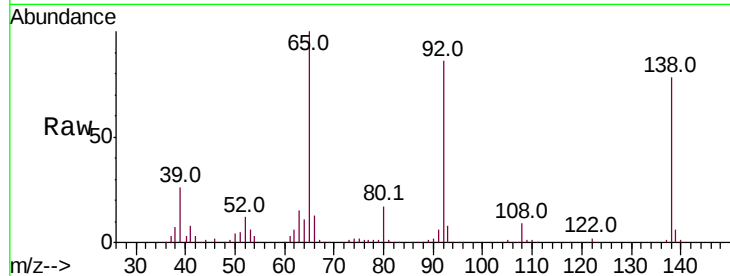




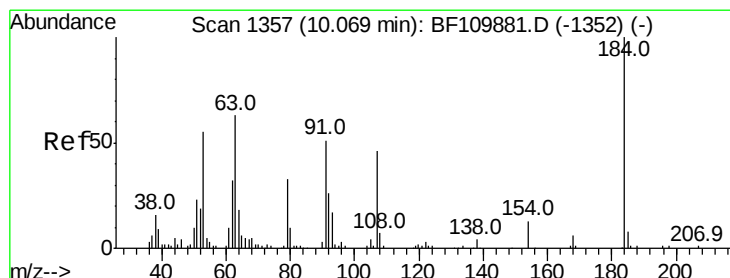
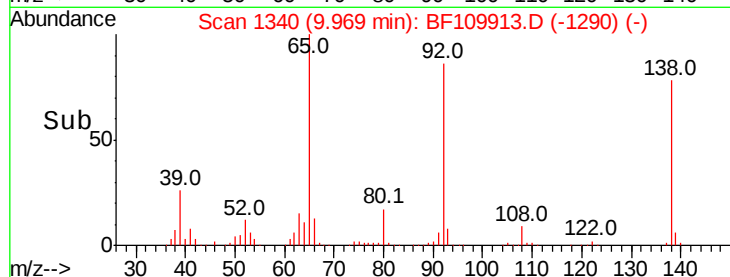
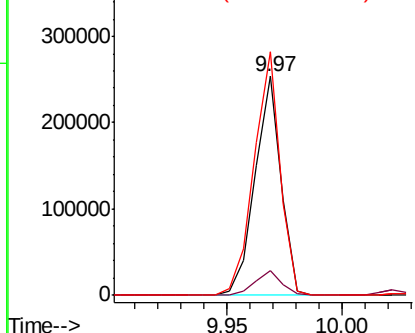
#53
3-Nitroaniline
Concen: 43.015 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:138 Resp: 199824
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 111.1 97.0 145.4

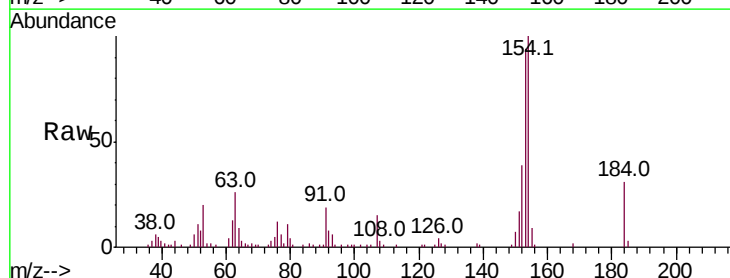


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

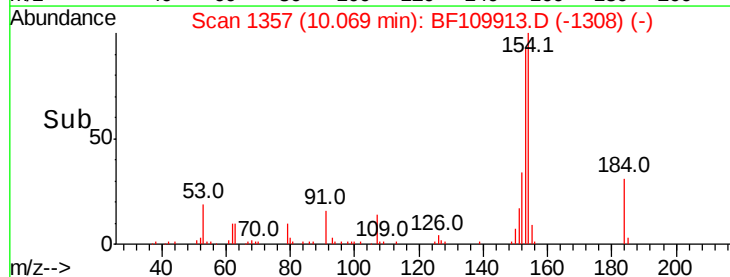
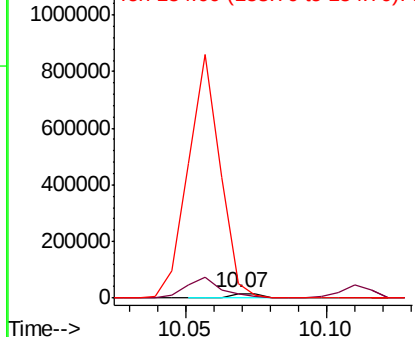


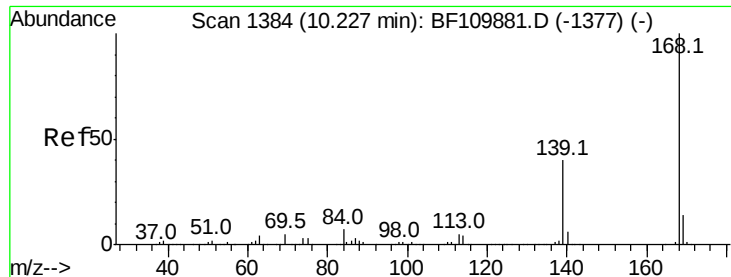
#54
2,4-Dinitrophenol
Concen: 18.651 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Tgt Ion:184 Resp: 13337
Ion Ratio Lower Upper
184 100
63 84.5 55.8 83.6#
154 323.1 63.2 94.8#



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





#55

Dibenzenofuran

Concen: 39.257 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

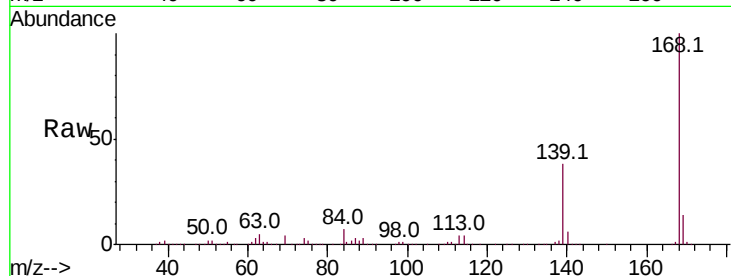
Tot Ion:168 Resp: 964965

Ion Ratio Lower Upper

168 100

139 38.1 33.0 49.6

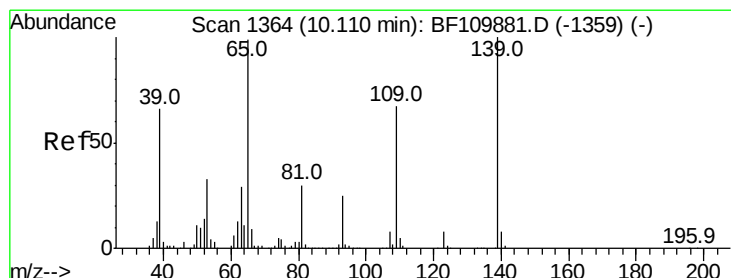
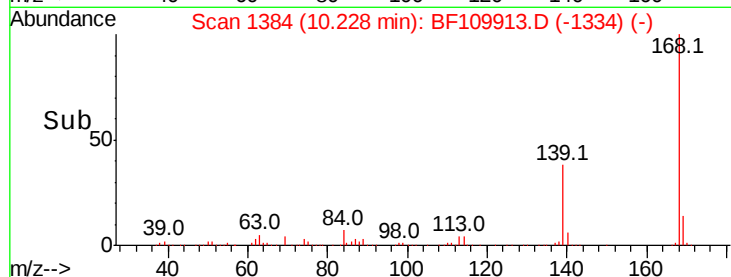
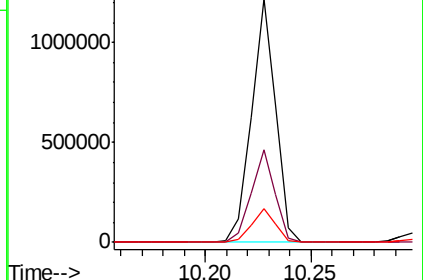
169 13.9 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 37.888 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

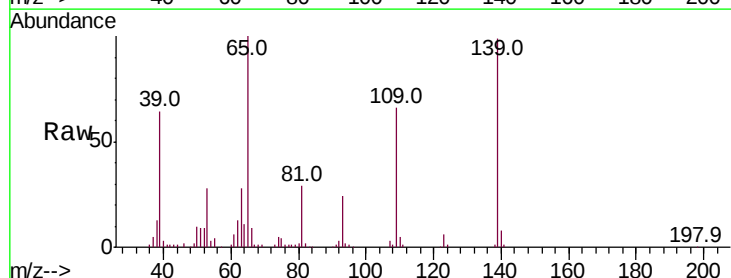
Tgt Ion:139 Resp: 134299

Ion Ratio Lower Upper

139 100

109 66.4 55.8 95.8

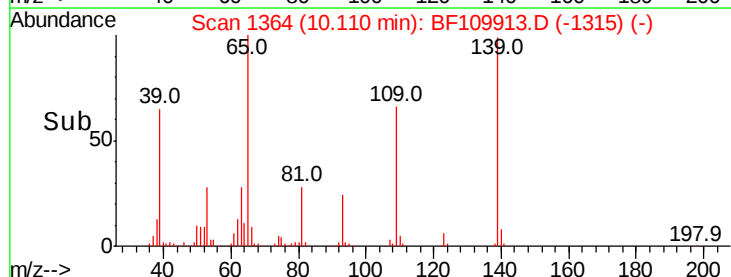
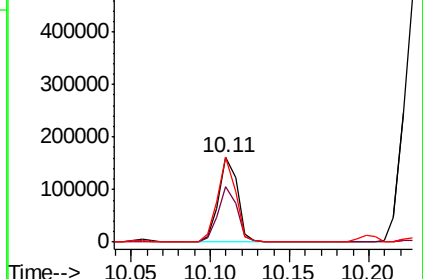
65 101.0 77.9 117.9

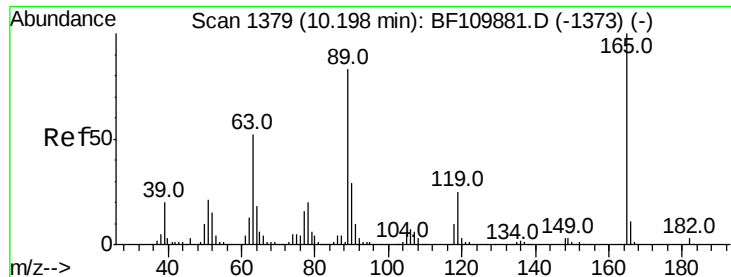


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

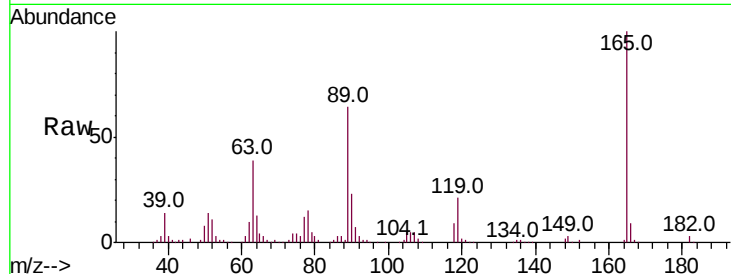




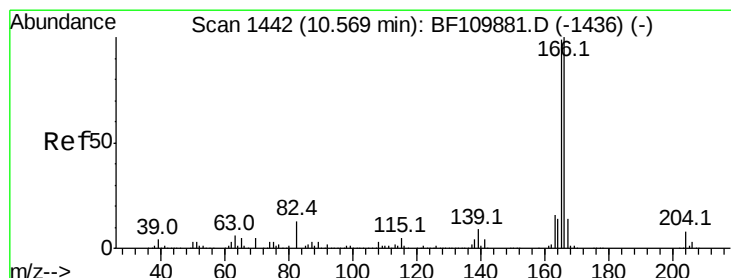
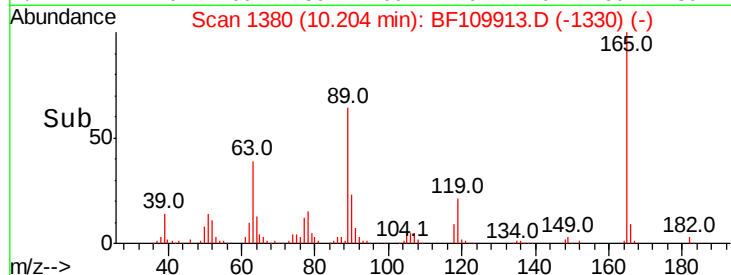
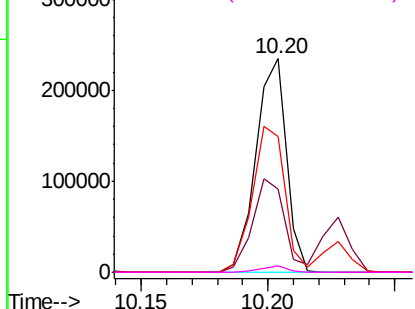
#57
 2,4-Dinitrotoluene
 Concen: 41.794 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF109913.D
 Acq: 16 Oct 2018 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:165 Resp: 198460
 Ion Ratio Lower Upper
 165 100
 63 39.0 44.8 67.2#
 89 63.6 62.2 93.4
 182 2.8 2.1 3.1

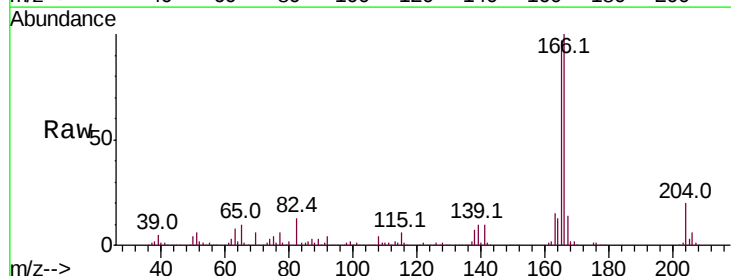


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

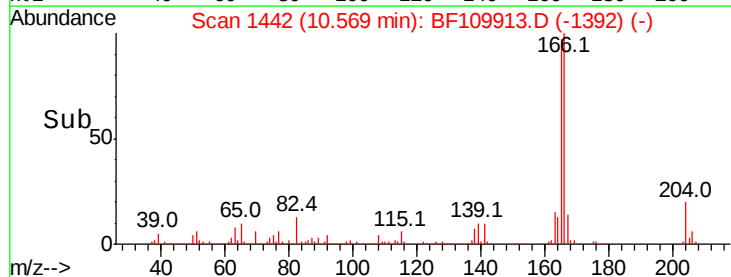
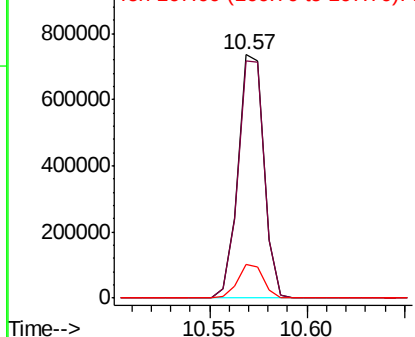


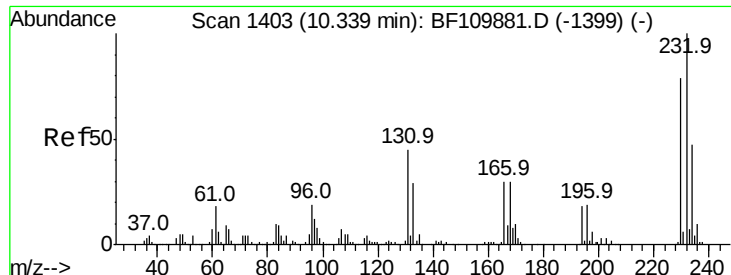
#58
 Fluorene
 Concen: 37.689 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF109913.D
 Acq: 16 Oct 2018 18:47

Tgt Ion:166 Resp: 674384
 Ion Ratio Lower Upper
 166 100
 165 97.5 78.6 117.8
 167 13.9 10.8 16.2



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

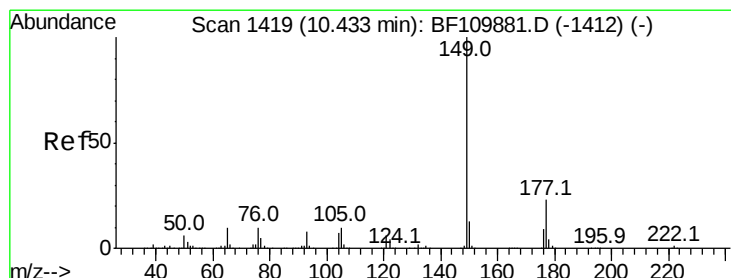
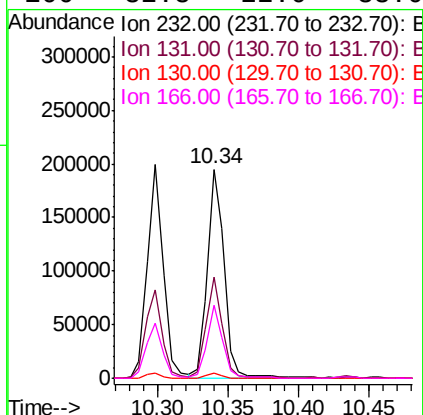
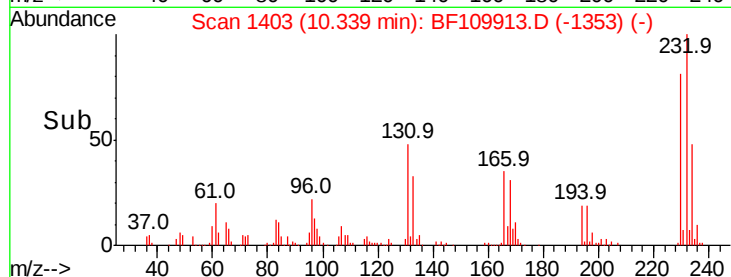
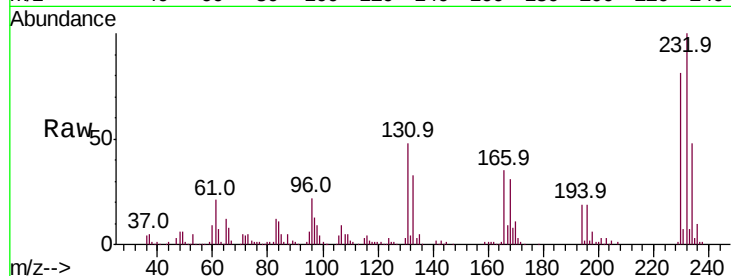




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.941 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

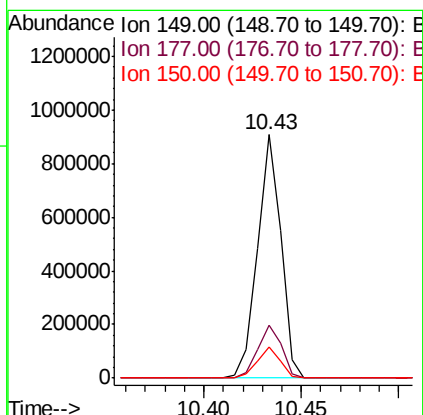
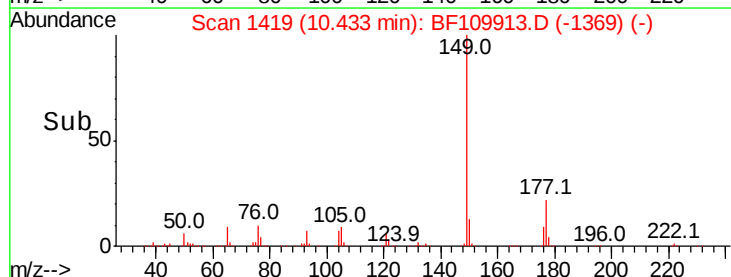
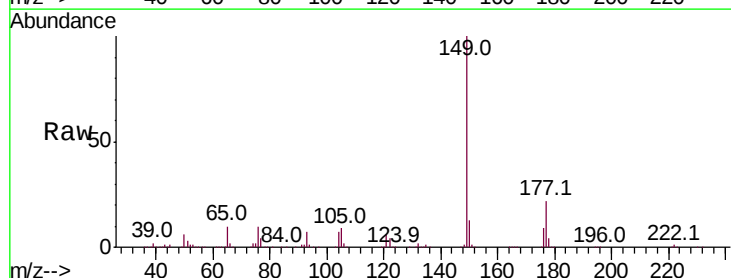
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

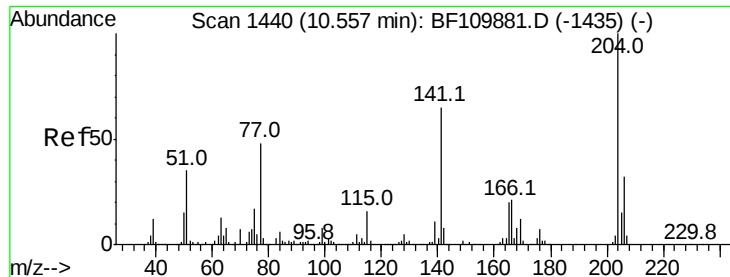
Tot Ion:232 Resp: 161678
Ion Ratio Lower Upper
232 100
131 47.1 37.0 55.4
130 2.4 1.8 2.6
166 32.8 22.0 33.0



#60
Diethylphthalate
Concen: 37.941 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Tgt Ion:149 Resp: 753463
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.2
150 12.6 9.8 14.8

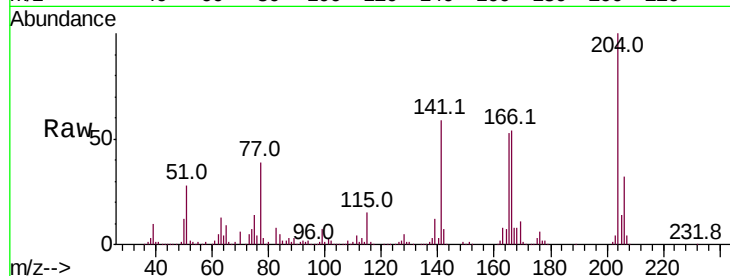




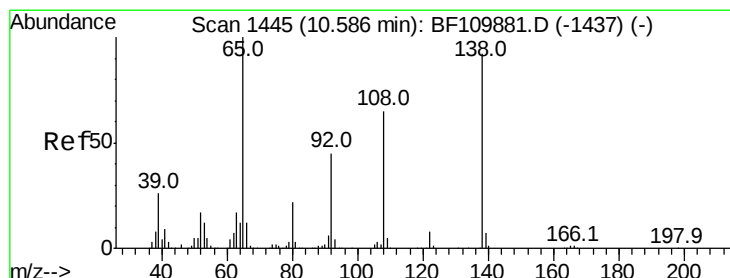
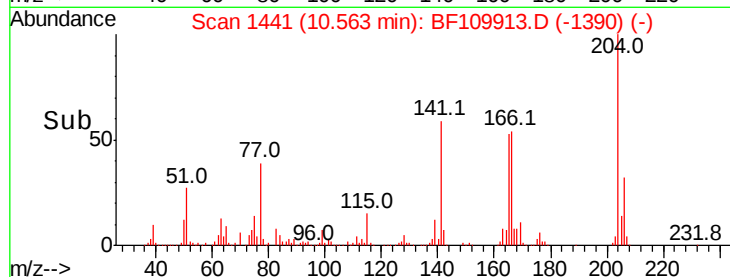
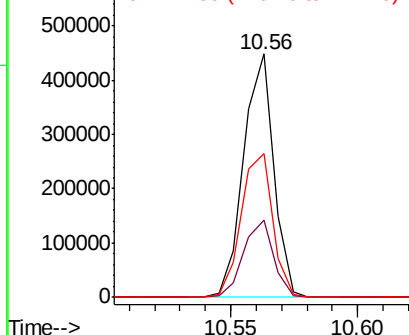
#61
4-Chlorophenyl-phenylether
Concen: 39.666 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:204 Resp: 369716
Ion Ratio Lower Upper
204 100
206 31.8 26.5 39.7
141 59.1 51.8 77.8

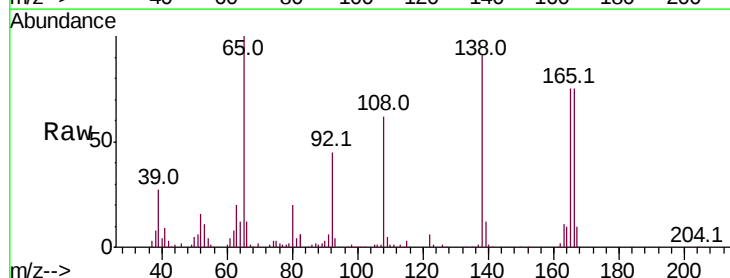


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

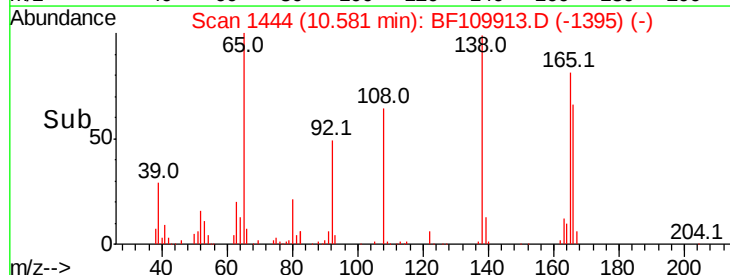
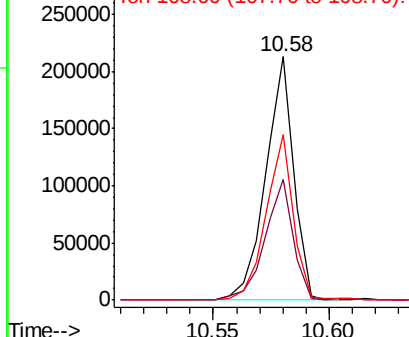


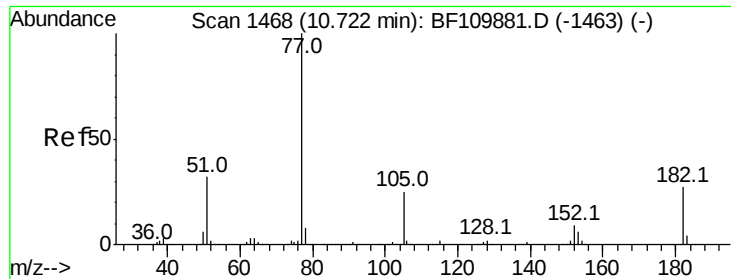
#62
4-Nitroaniline
Concen: 40.859 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Tgt Ion:138 Resp: 179676
Ion Ratio Lower Upper
138 100
92 49.8 31.7 71.7
108 68.0 59.3 99.3



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





#63

Azobenzene

Concen: 35.753 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 741736

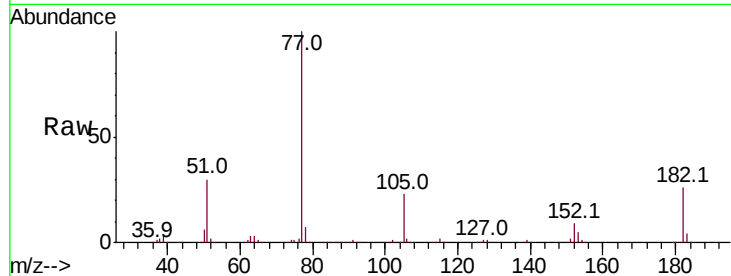
Ion Ratio Lower Upper

77 100

182 25.9 4.3 44.3

105 23.4 1.3 41.3

51 30.5 9.0 49.0

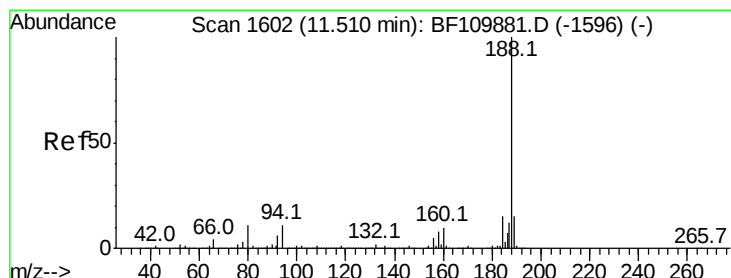
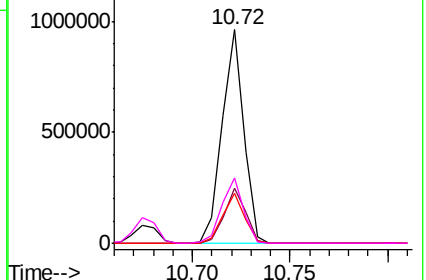
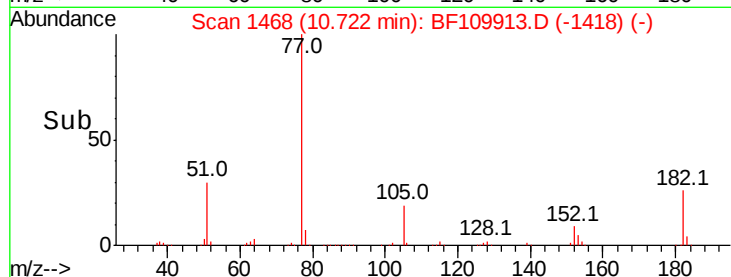


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

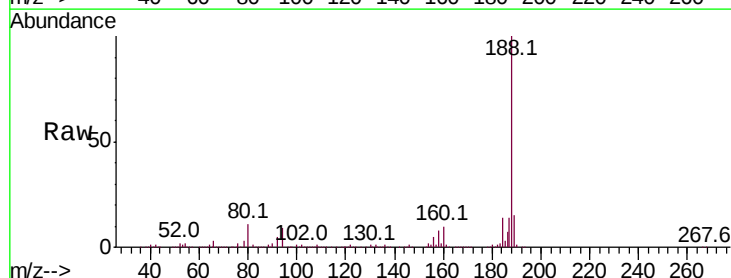
Tgt Ion: 188 Resp: 456164

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

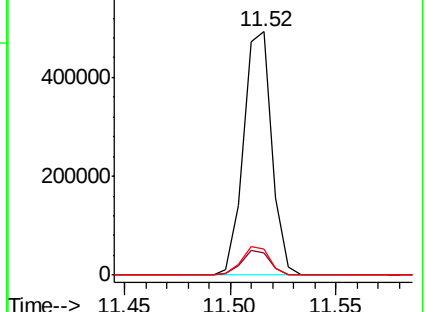
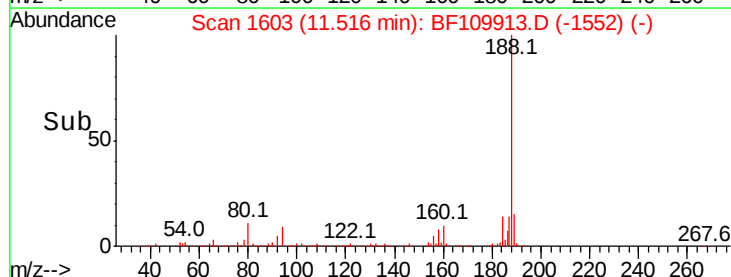
80 10.5 7.9 11.9

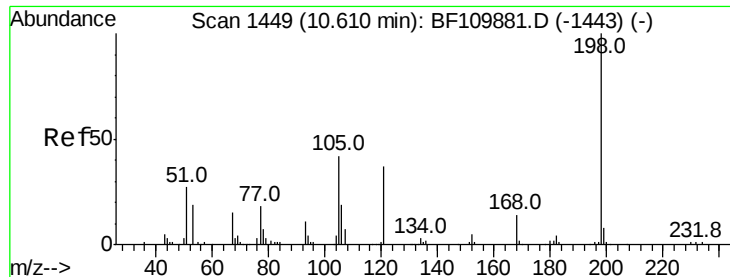


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

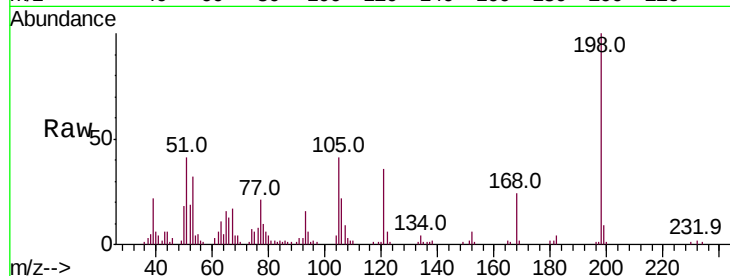




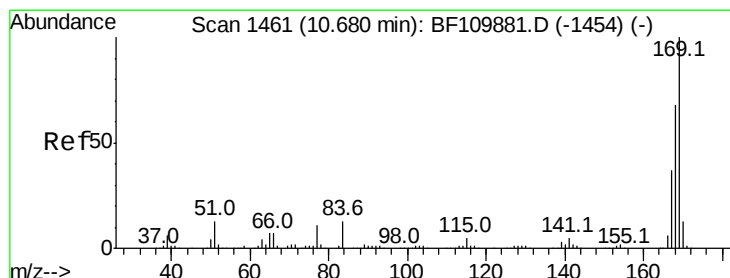
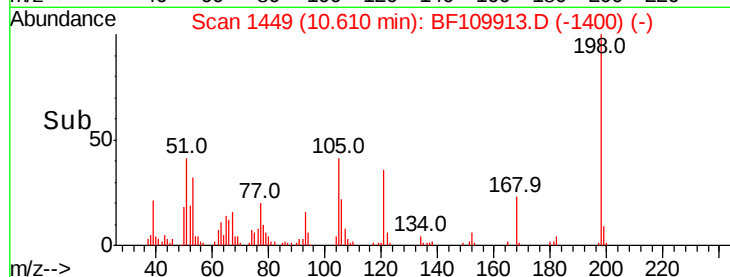
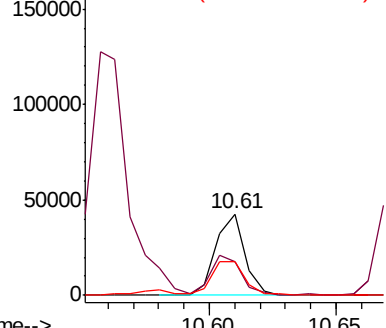
#65
4,6-Dinitro-2-methylphenol
Concen: 25.155 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:198 Resp: 34127
Ion Ratio Lower Upper
198 100
51 41.2 22.8 62.8
105 40.8 23.6 63.6

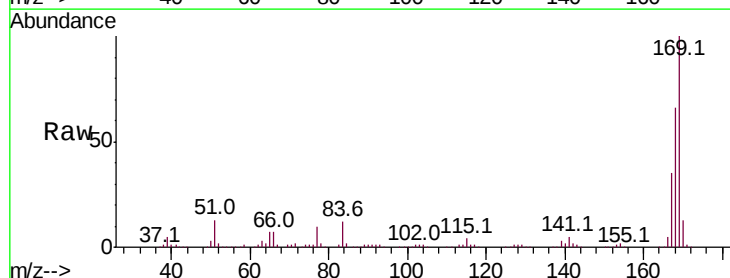


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

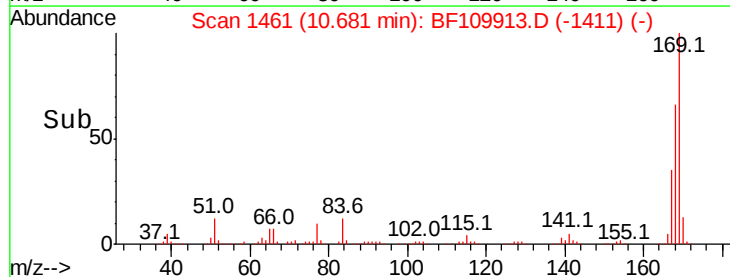
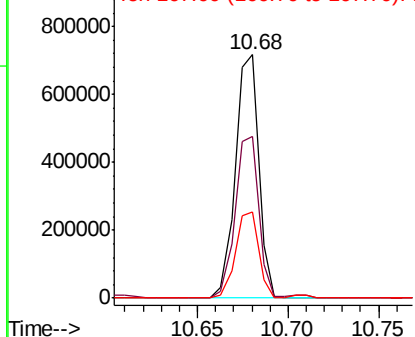


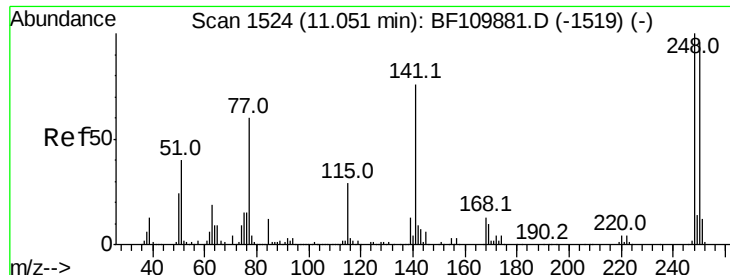
#66
n-Nitrosodiphenylamine
Concen: 42.431 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Tgt Ion:169 Resp: 644650
Ion Ratio Lower Upper
169 100
168 66.5 51.2 76.8
167 35.2 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

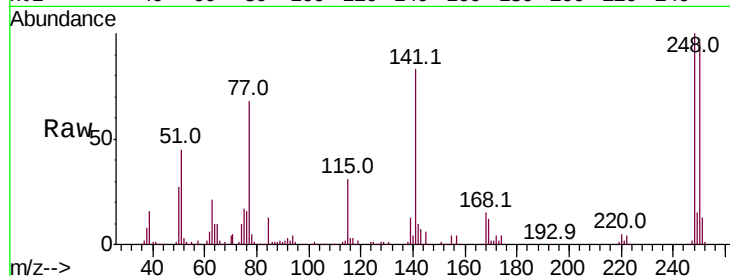




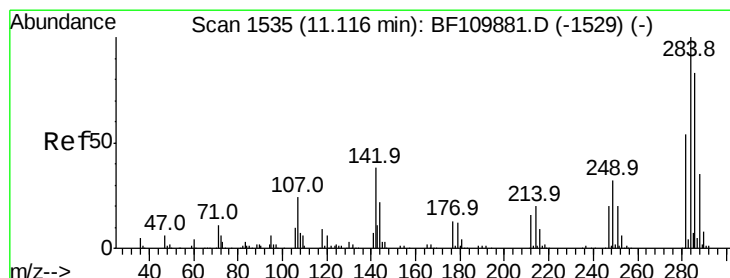
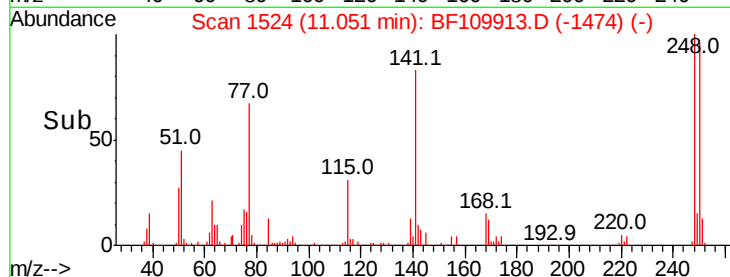
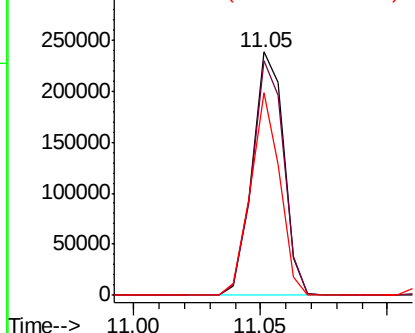
#67
4-Bromophenyl-phenylether
Concen: 41.870 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:248 Resp: 206991
Ion Ratio Lower Upper
248 100
250 96.4 79.4 119.2
141 83.1 55.9 83.9

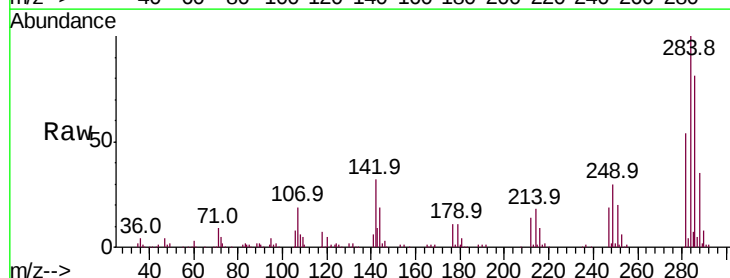


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

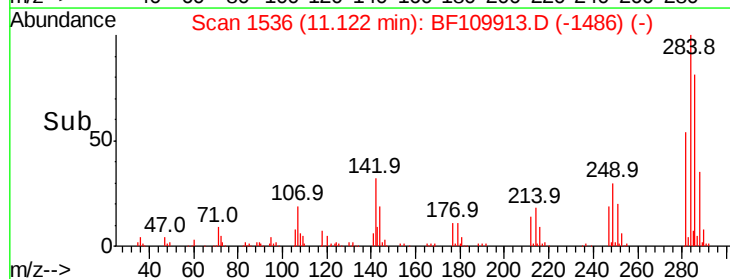
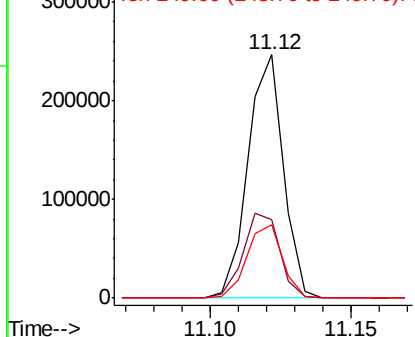


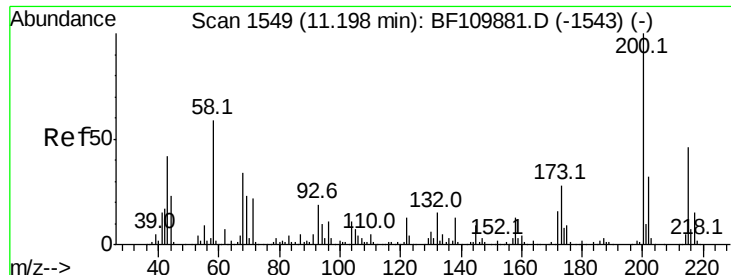
#68
Hexachlorobenzene
Concen: 40.422 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Tgt Ion:284 Resp: 213094
Ion Ratio Lower Upper
284 100
142 32.5 23.9 35.9
249 30.0 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

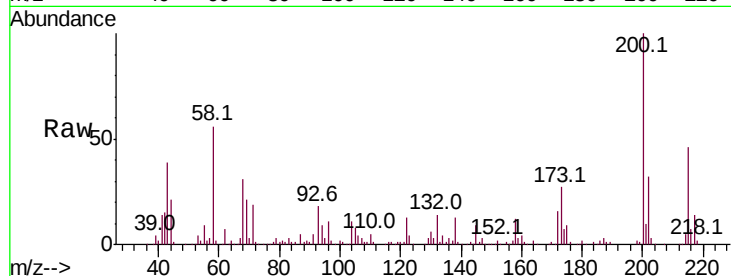




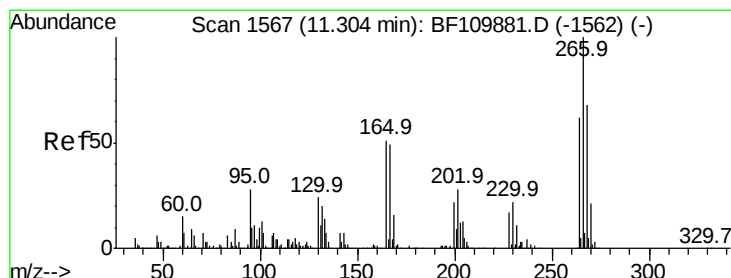
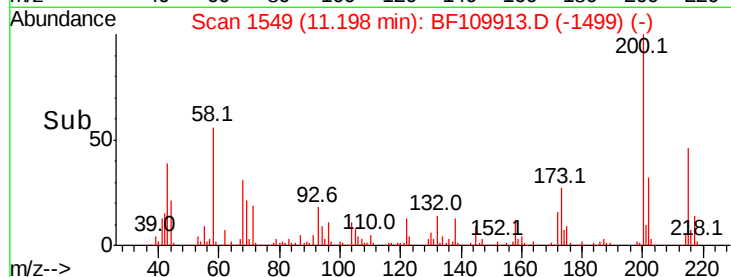
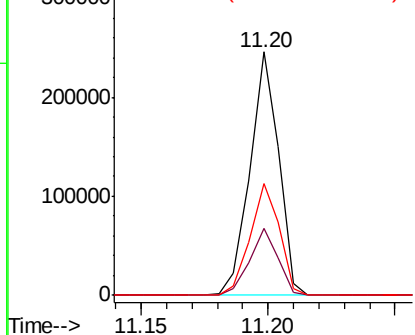
#69
Atrazine
Concen: 40.774 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:200 Resp: 193506
Ion Ratio Lower Upper
200 100
173 27.4 6.6 46.6
215 45.7 26.3 66.3

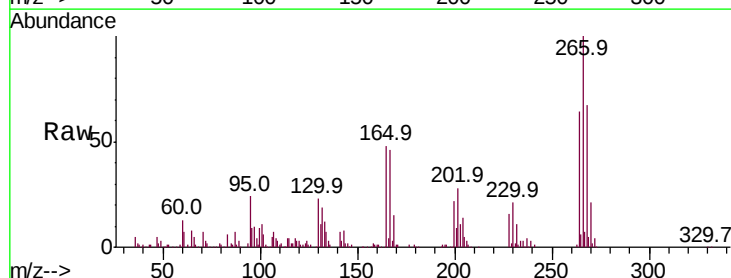


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

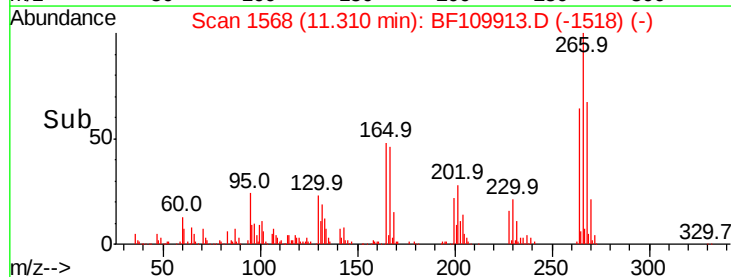
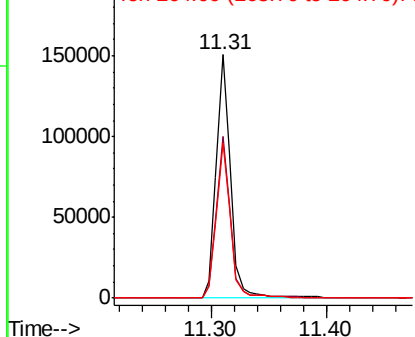


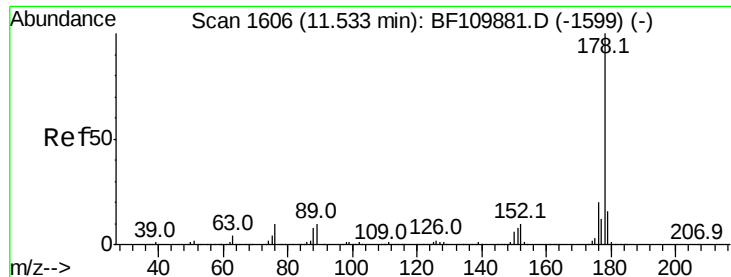
#70
Pentachlorophenol
Concen: 43.569 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Tgt Ion:266 Resp: 130715
Ion Ratio Lower Upper
266 100
268 66.6 50.6 75.8
264 63.5 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

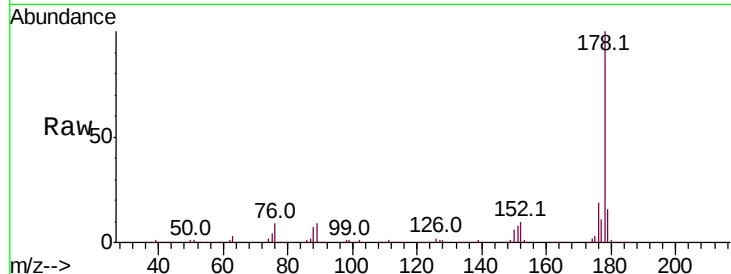




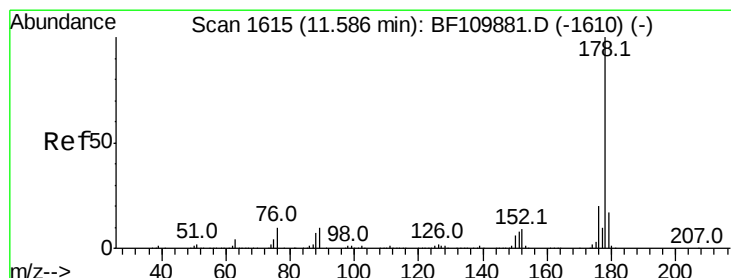
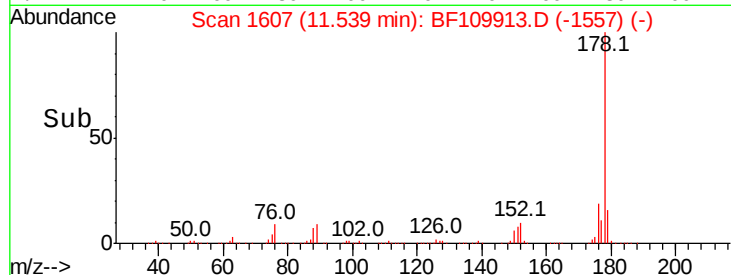
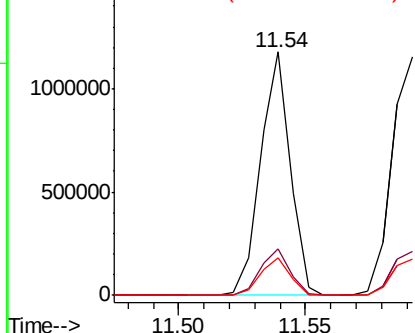
#71
Phenanthrene
Concen: 40.445 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:178 Resp: 955147
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.6 12.5 18.7

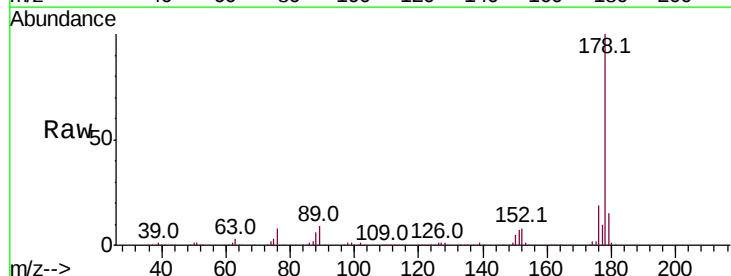


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

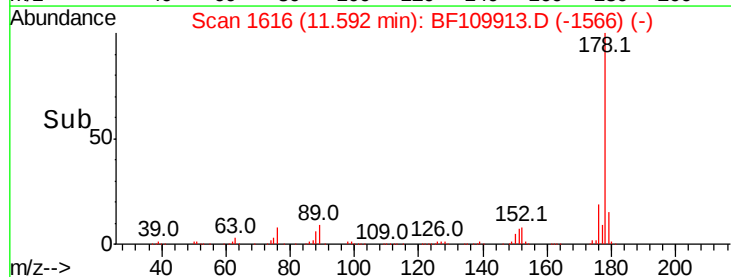
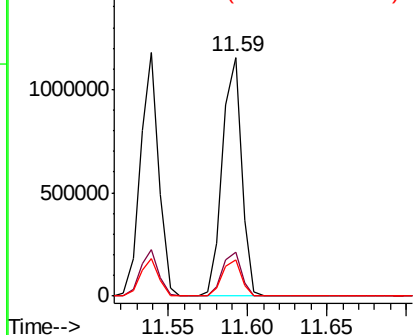


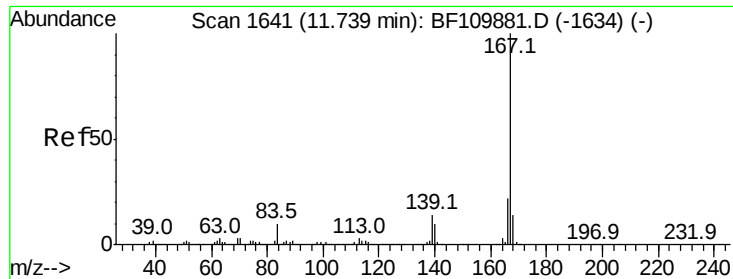
#72
Anthracene
Concen: 41.025 ng
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Tgt Ion:178 Resp: 974040
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.4 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

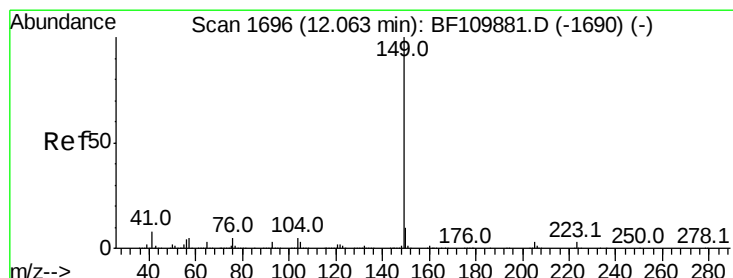
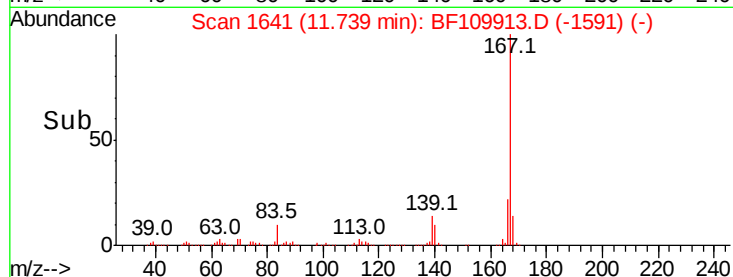
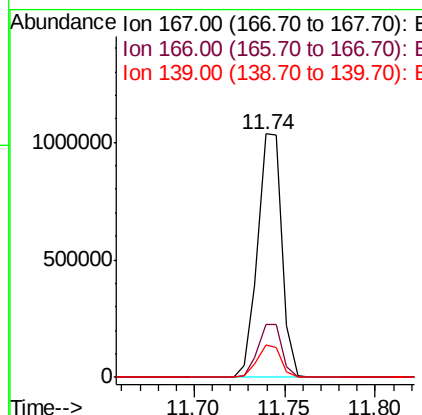
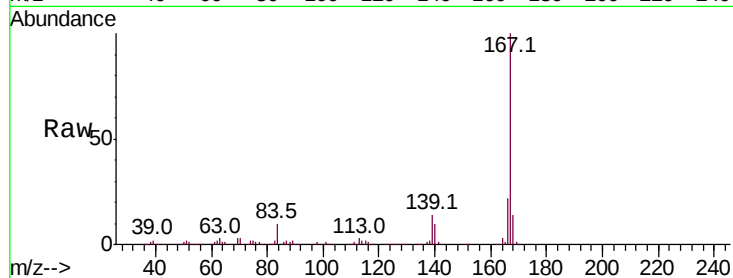




#73
 Carbazole
 Concen: 41.418 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF109913.D
 Acq: 16 Oct 2018 18:47

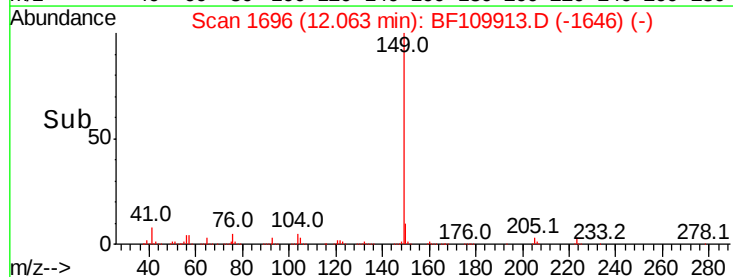
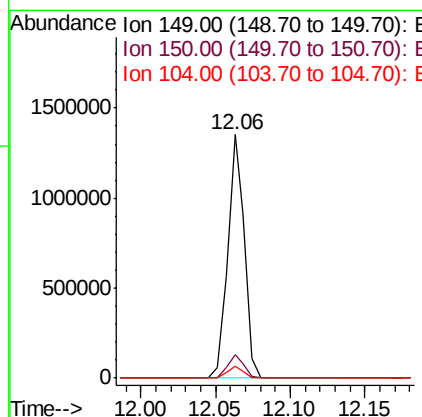
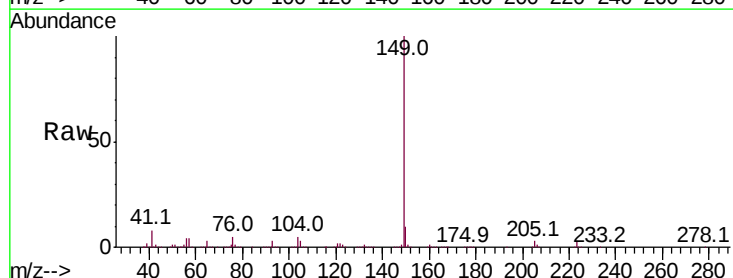
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

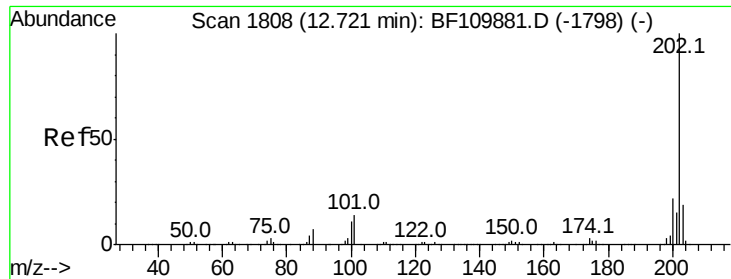
Tot Ion:167 Resp: 966455
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 13.5 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 40.828 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BF109913.D
 Acq: 16 Oct 2018 18:47

Tgt Ion:149 Resp: 1063211
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.7 4.2 6.4





#75

Fluoranthene

Concen: 44.726 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

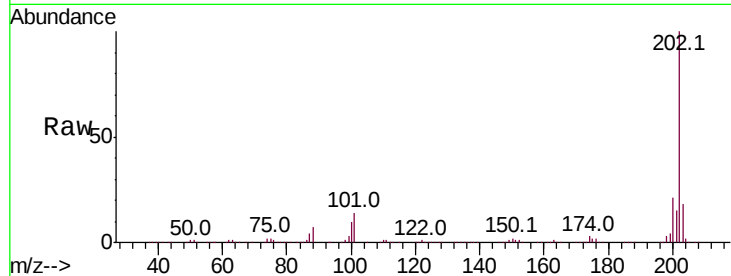
Tot Ion:202 Resp: 1055170

Ion Ratio Lower Upper

202 100

101 14.0 0.0 31.4

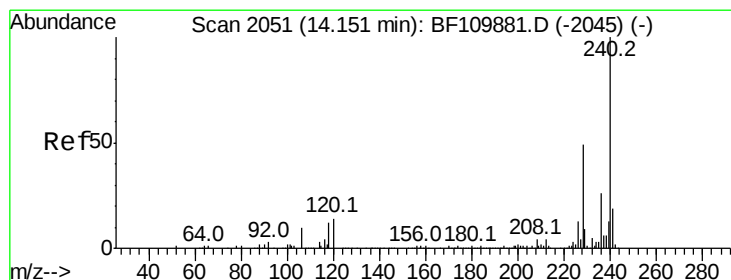
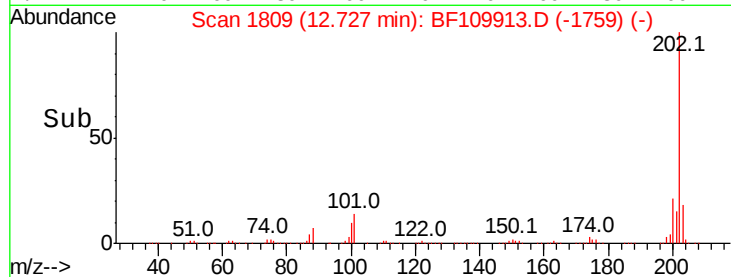
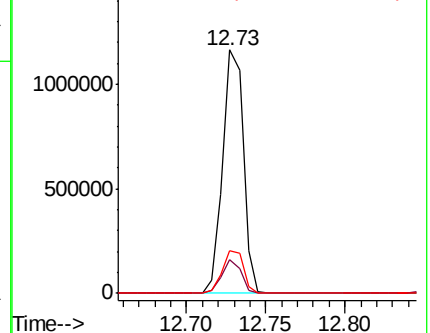
203 17.6 0.0 37.7



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# 2053

Delta R.T. -0.00 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

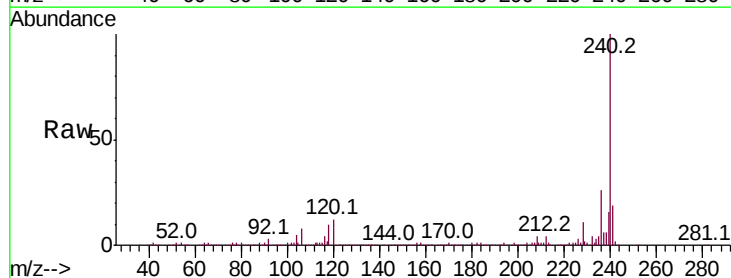
Tgt Ion:240 Resp: 507829

Ion Ratio Lower Upper

240 100

120 11.7 8.3 12.5

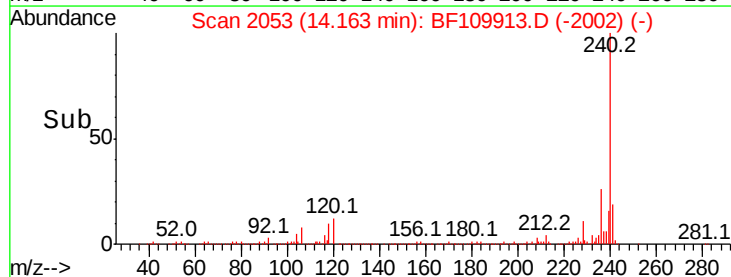
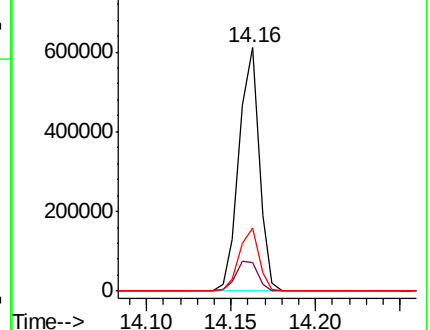
236 26.2 21.2 31.8

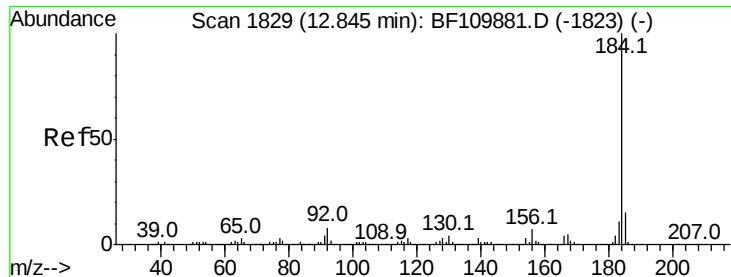


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.140 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

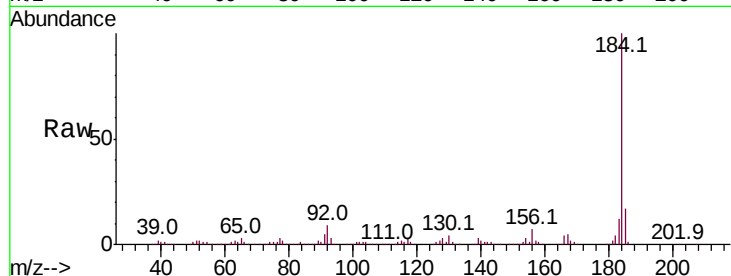
Tot Ion:184 Resp: 645265

Ion Ratio Lower Upper

184 100

185 16.5 13.4 20.2

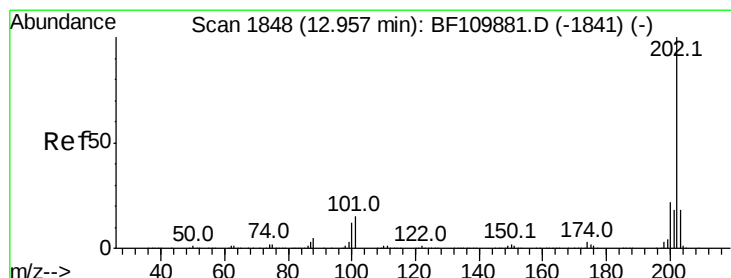
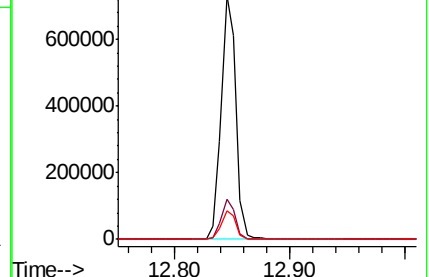
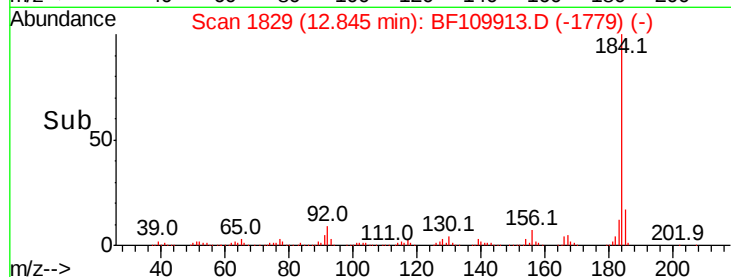
183 11.7 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 30.485 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

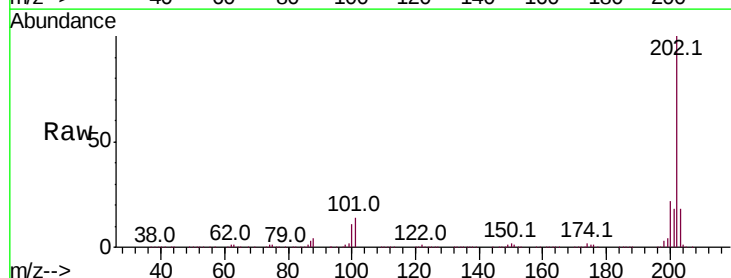
Tgt Ion:202 Resp: 1137051

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

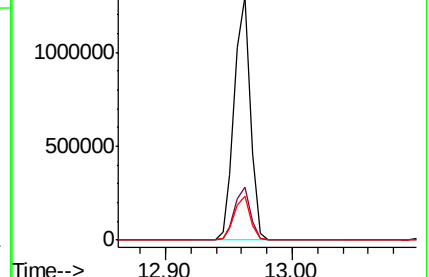
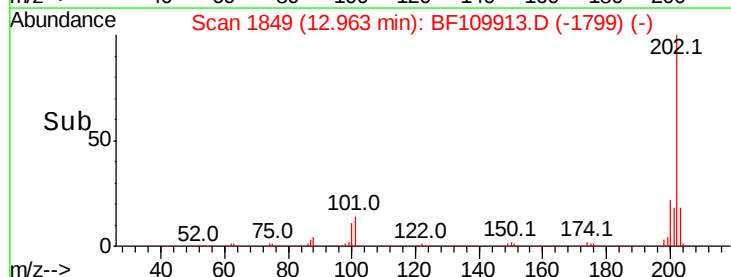
203 17.9 14.2 21.4

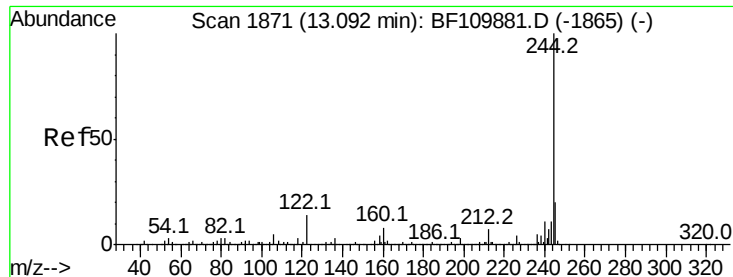


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



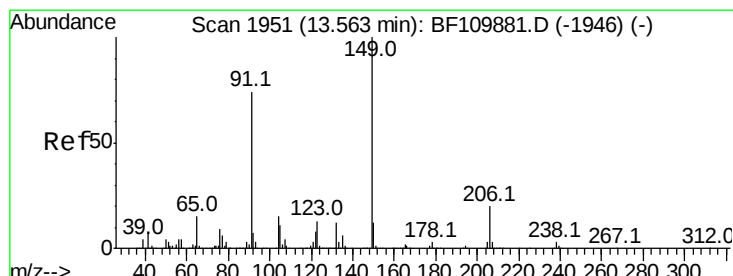
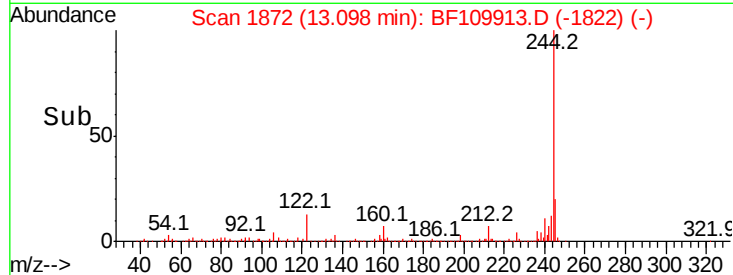
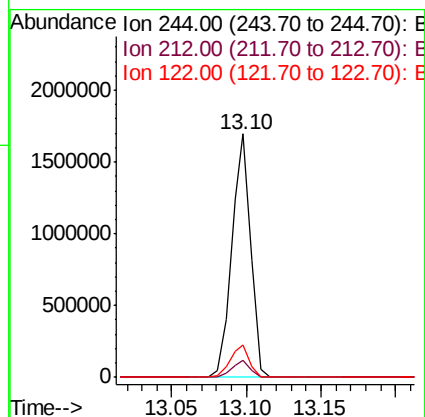
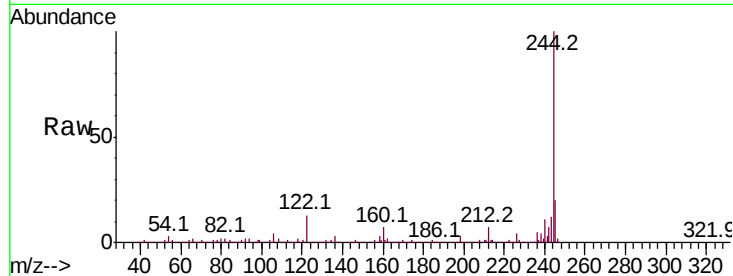


#79
 Terphenyl-d14
 Concen: 62.341 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF109913.D
 Acq: 16 Oct 2018 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:244 Resp: 1507615

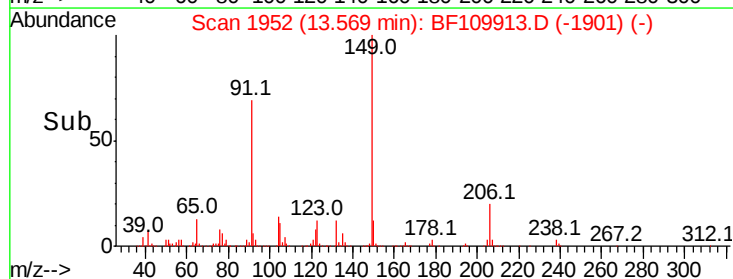
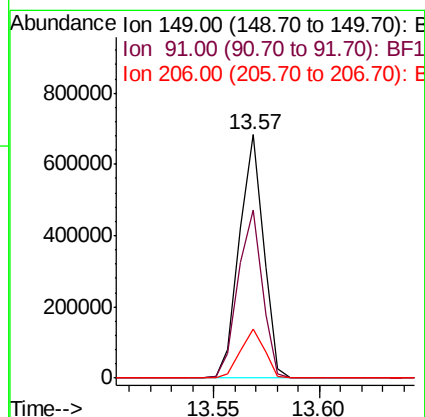
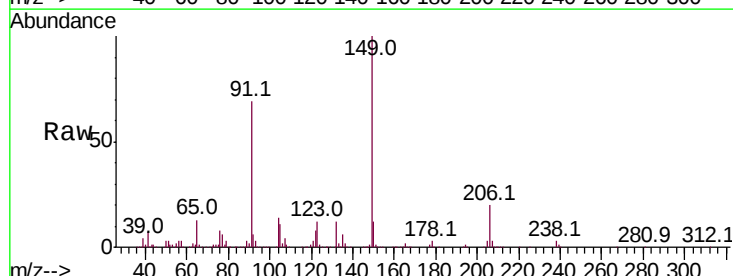
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	13.1	8.7	13.1#

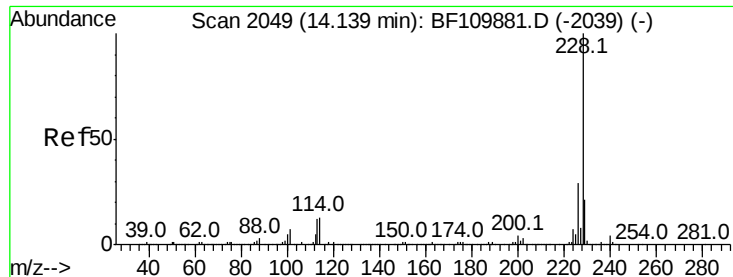


#80
 Butylbenzylphthalate
 Concen: 35.891 ng
 RT: 13.57 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BF109913.D
 Acq: 16 Oct 2018 18:47

Tgt Ion:149 Resp: 541210

Ion	Ratio	Lower	Upper
149	100		
91	69.2	57.2	85.8
206	20.1	15.7	23.5





#81

Benzo(a)anthracene

Concen: 38.743 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

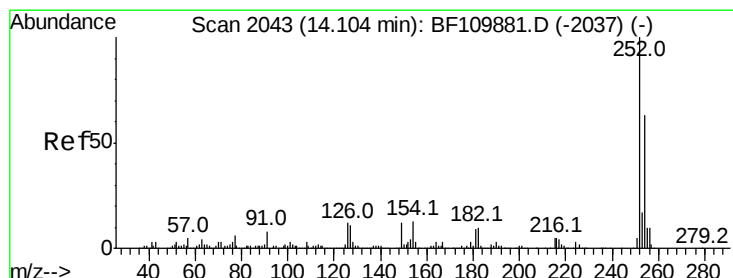
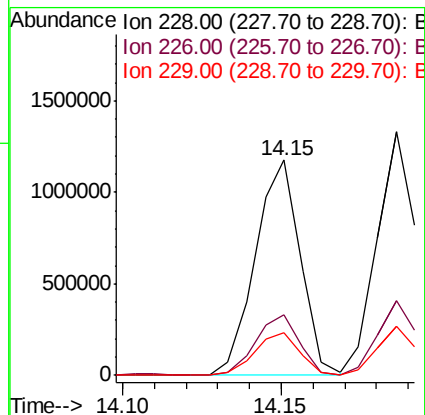
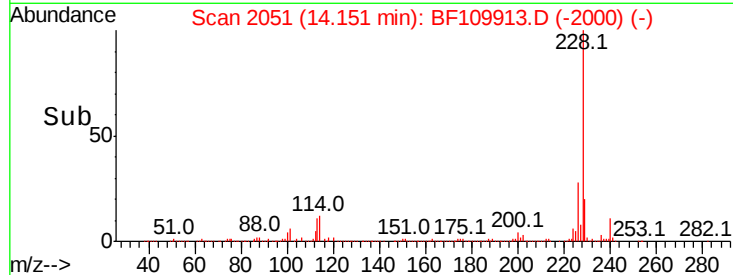
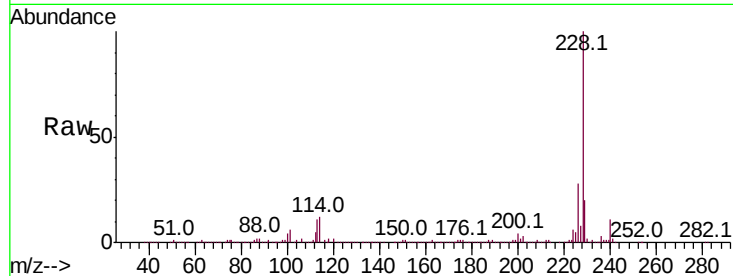
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1158902

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	20.1	15.6	23.4



#82

3,3'-Dichlorobenzidine

Concen: 44.309 ng

RT: 14.11 min Scan# 2044

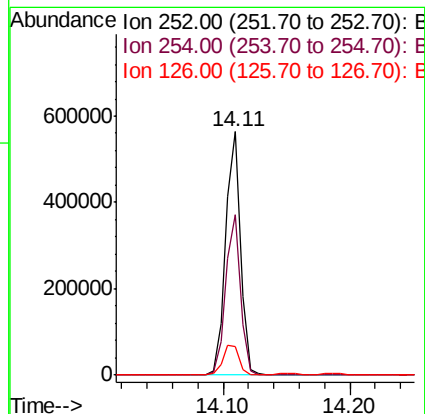
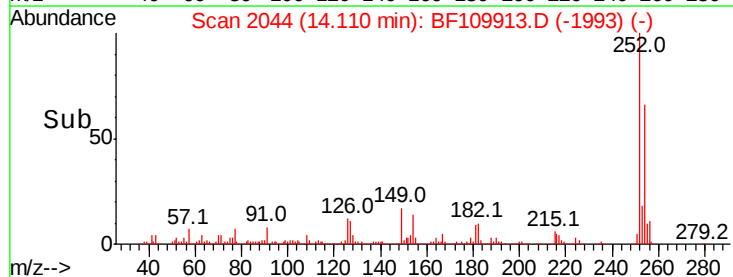
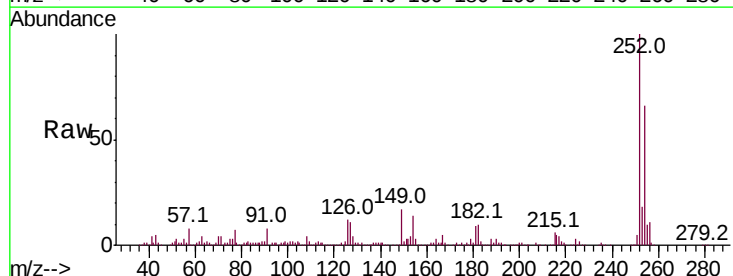
Delta R.T. -0.00 min

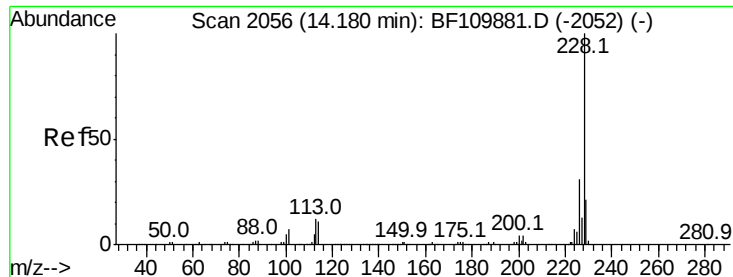
Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Tgt Ion:252 Resp: 464649

Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.3	76.9
126	11.9	9.4	14.2





#83

Chrysene

Concen: 39.223 ng

RT: 14.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

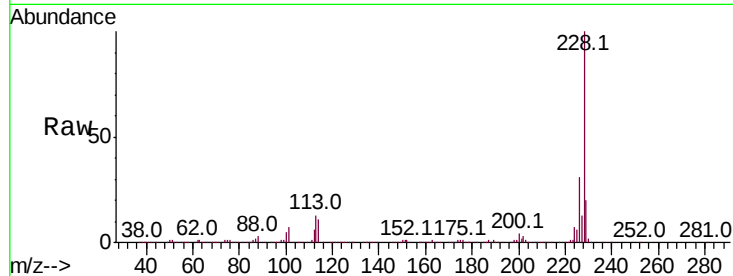
Tot Ion:228 Resp: 1116751

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

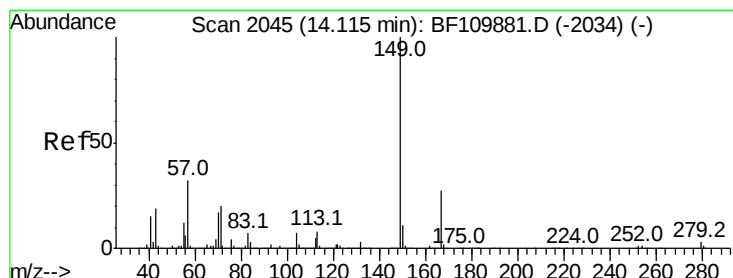
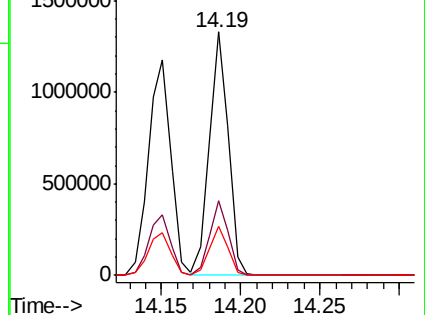
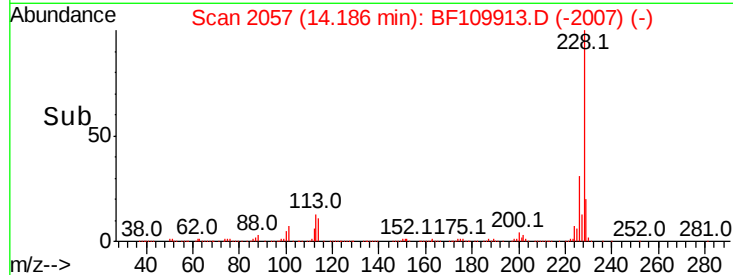
229 19.9 15.9 23.9



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: 39.871 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

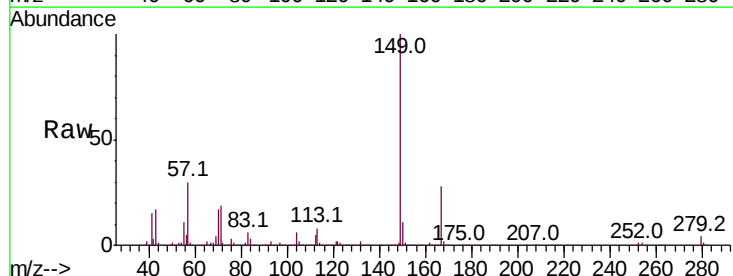
Tgt Ion:149 Resp: 791126

Ion Ratio Lower Upper

149 100

167 27.6 19.8 29.8

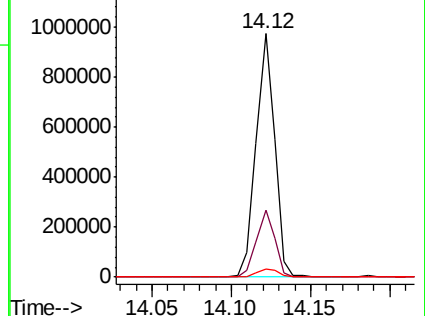
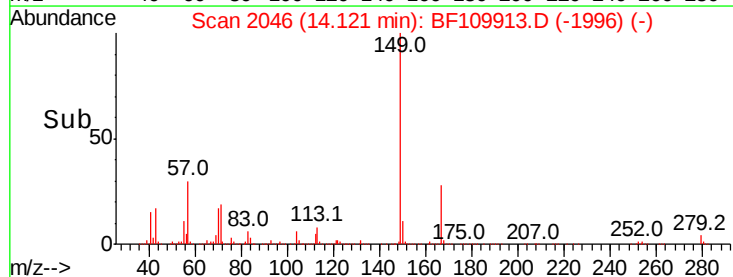
279 3.5 2.7 4.1

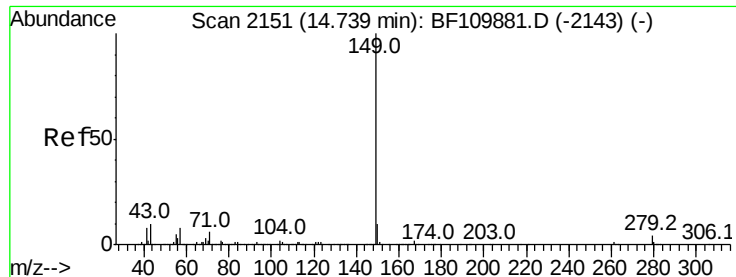


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.407 ng

RT: 14.74 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

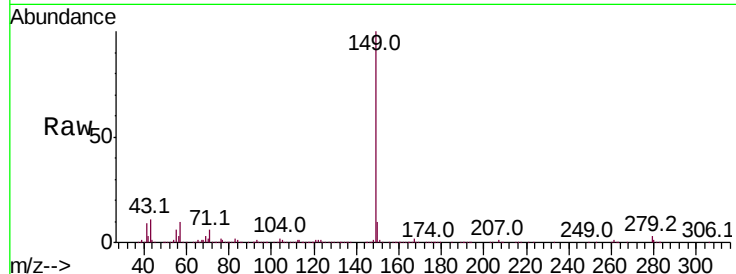
Tot Ion:149 Resp: 1438045

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

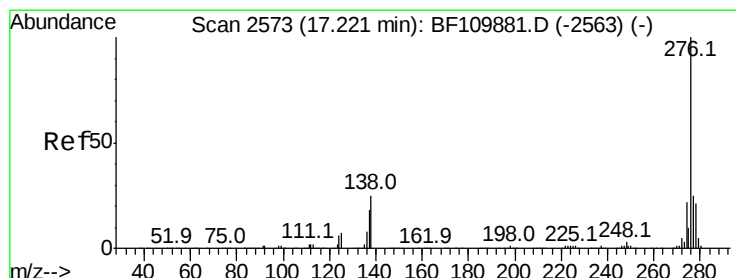
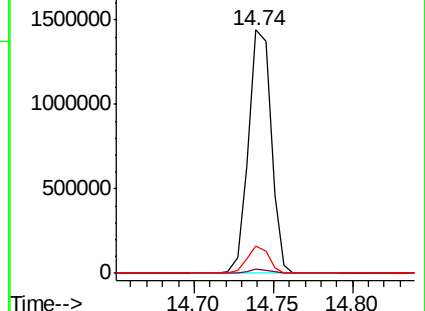
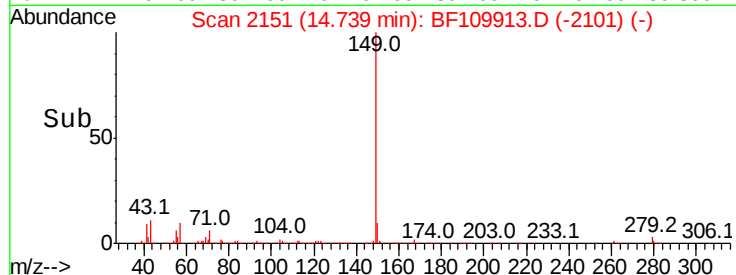
43 10.6 7.8 11.8



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: 41.765 ng

RT: 17.25 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

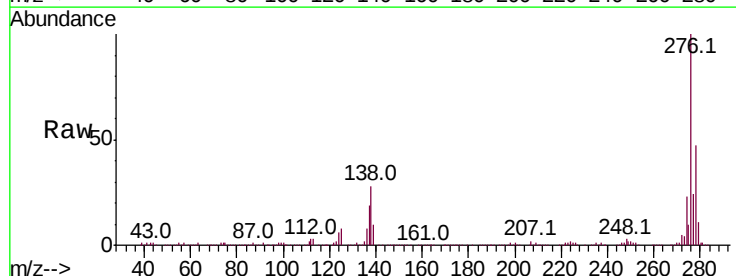
Tgt Ion:276 Resp: 957439

Ion Ratio Lower Upper

276 100

138 29.6 18.5 27.7#

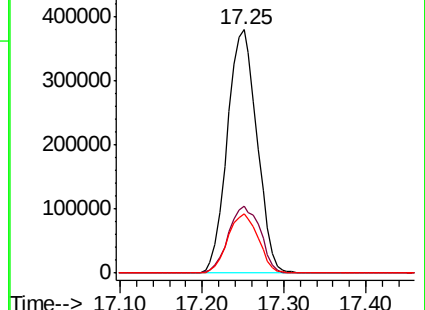
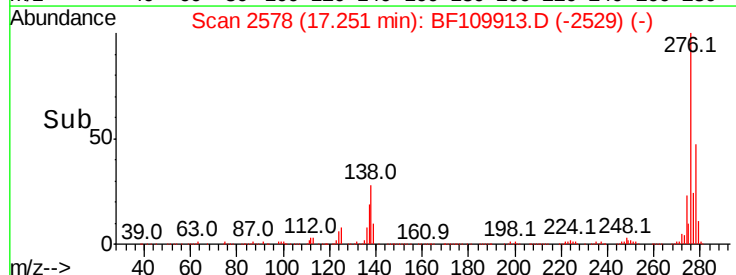
277 25.1 20.0 30.0

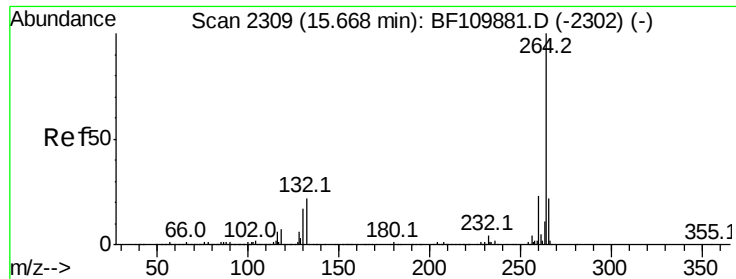


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

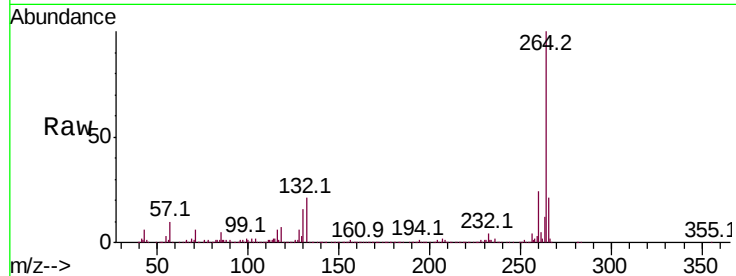
Tot Ion:264 Resp: 520831

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

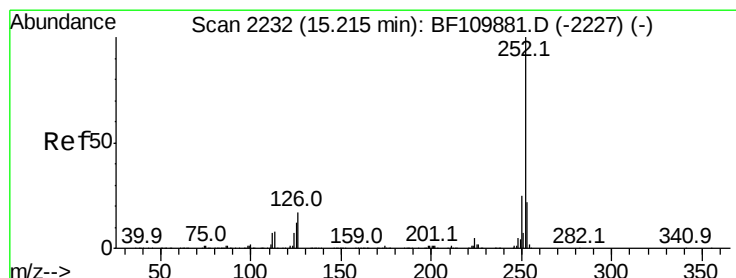
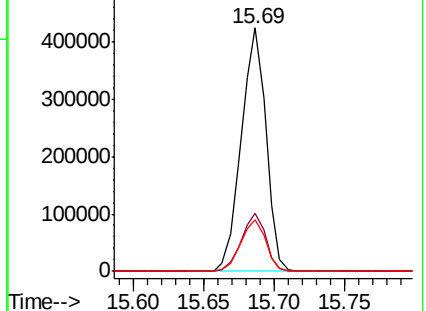
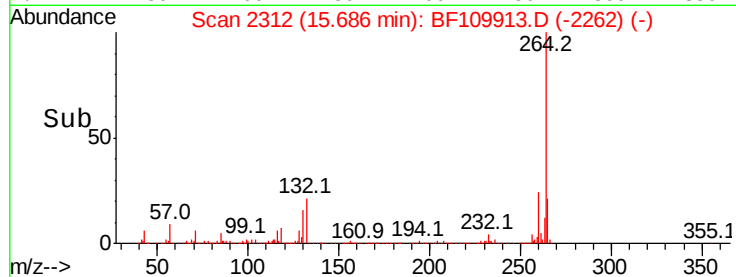
265 21.3 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.208 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BF109913.D

Acq: 16 Oct 2018 18:47

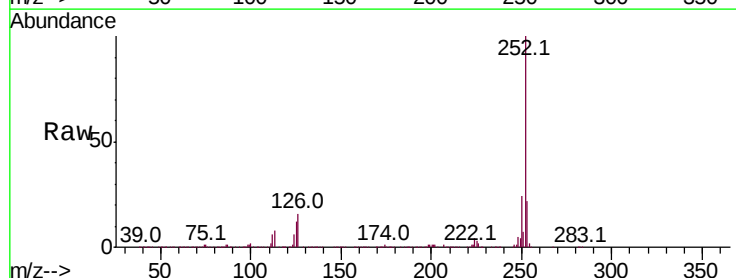
Tgt Ion:252 Resp: 1147285

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

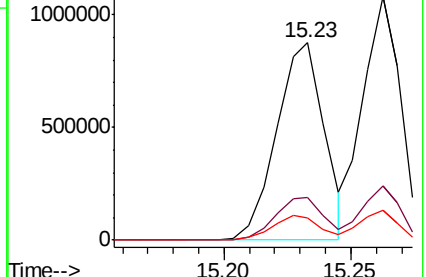
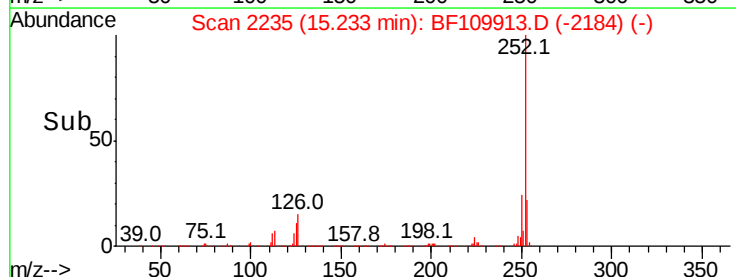
125 11.6 8.2 12.4

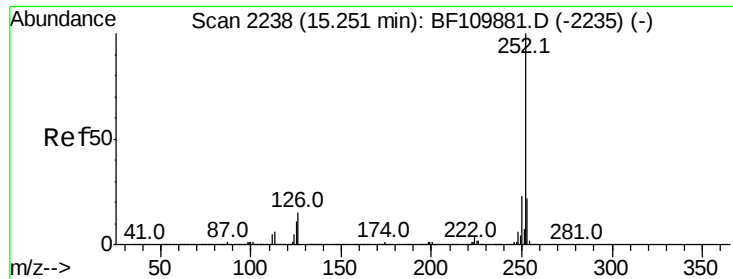


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

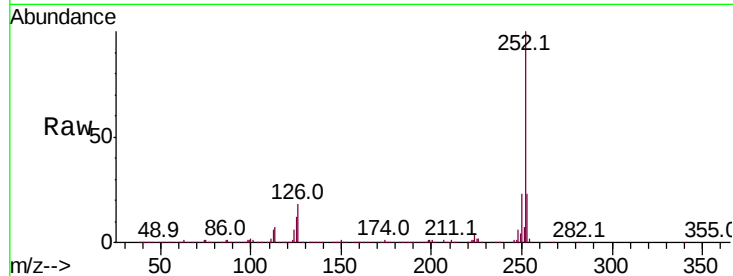




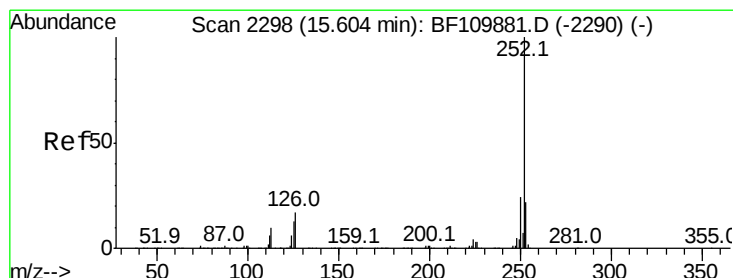
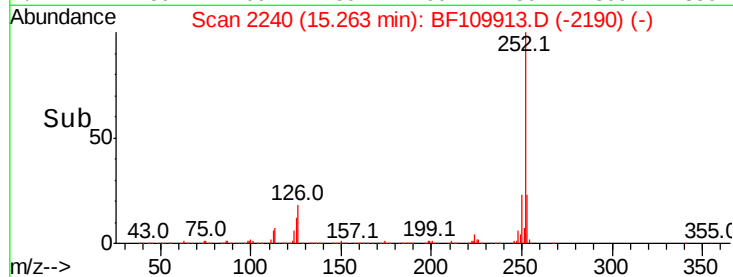
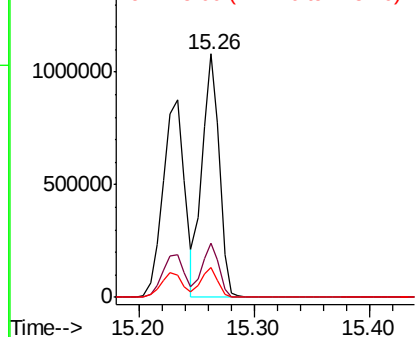
#89
Benzo(k)fluoranthene
Concen: 38.062 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 1126487
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 12.3 7.4 11.0#

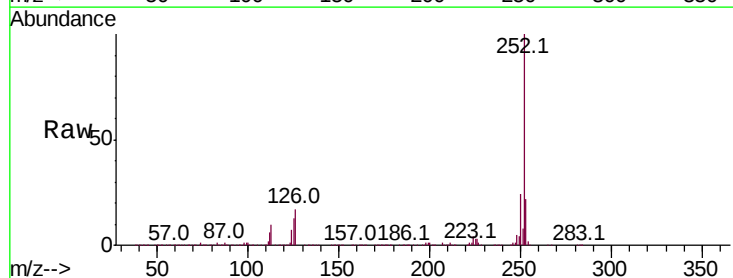


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

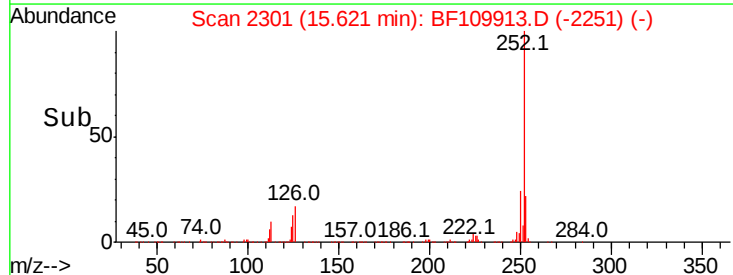
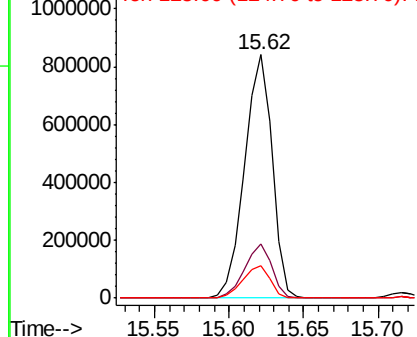


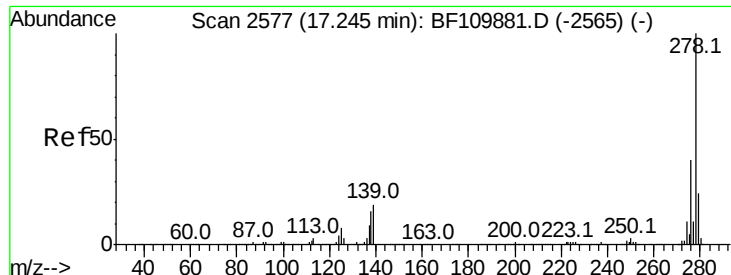
#90
Benzo(a)pyrene
Concen: 38.988 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Tgt Ion:252 Resp: 1076706
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 13.2 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



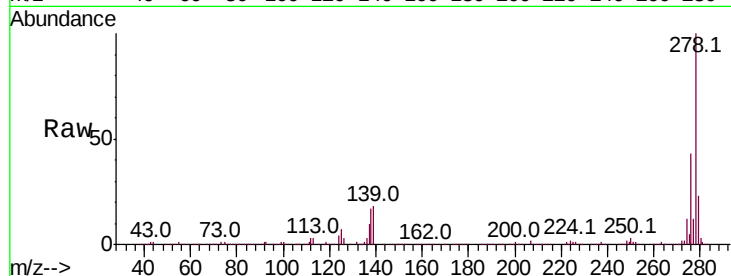


#91
Dibenzo(a,h)anthracene
Concen: 33.442 ng
RT: 17.27 min Scan# 2581
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

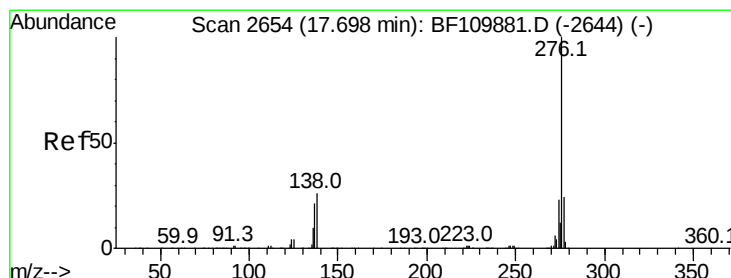
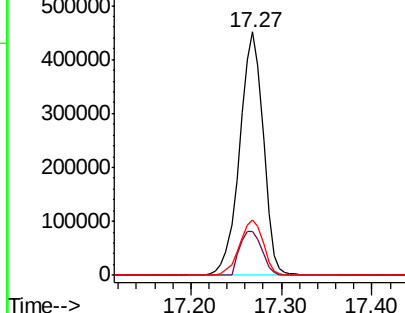
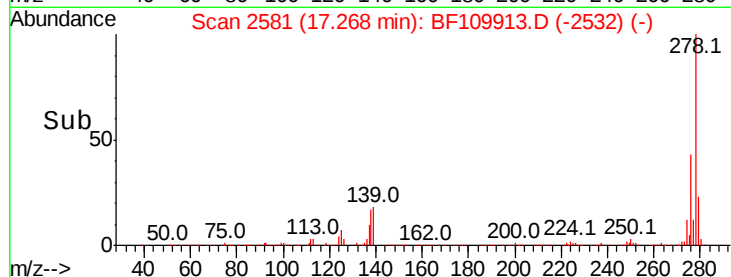
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:278 Resp: 818471

Ion	Ratio	Lower	Upper
278	100		
139	18.3	12.7	19.1
279	22.9	19.0	28.4



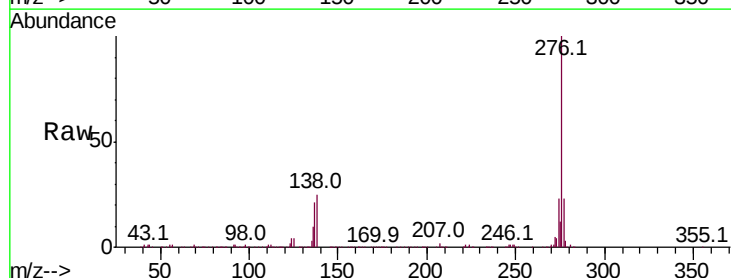
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 29.205 ng
RT: 17.73 min Scan# 2659
Delta R.T. -0.01 min
Lab File: BF109913.D
Acq: 16 Oct 2018 18:47

Tgt Ion:276 Resp: 722192

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.8	28.2
138	25.5	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

