

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109207.D
 Acq On : 22 Sep 2018 8:49
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 22 11:17:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 11:08:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	108462	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	431049	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	204329	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	400289	20.00	ng	0.00
75) Chrysene-d12	13.84	240	297133	20.00	ng	0.00
86) Perylene-d12	15.24	264	288097	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	523410	80.15	ng	0.00
7) Phenol-d6	6.35	99	670847	79.67	ng	0.00
23) Nitrobenzene-d5	7.27	82	579197	75.37	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	161945	73.03	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1072406	82.23	ng	0.00
78) Terphenyl-d14	12.80	244	949360	75.73	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.36	88	120455	38.75	ng	95
3) Pyridine	3.06	79	336064	40.78	ng	92
4) n-Nitrosodimethylamine	3.00	42	133763	42.98	ng	98
6) Aniline	6.37	93	435355	40.00	ng	98
8) 2-Chlorophenol	6.49	128	292397	40.01	ng	98
9) Benzaldehyde	6.25	77	211700	39.36	ng	98
10) Phenol	6.36	94	370508	39.10	ng	78
11) bis(2-Chloroethyl)ether	6.45	93	294105	39.46	ng	98
12) 1,3-Dichlorobenzene	6.65	146	335498	40.14	ng	99
13) 1,4-Dichlorobenzene	6.73	146	336232	40.10	ng	98
14) 1,2-Dichlorobenzene	6.88	146	311047	40.02	ng	99
15) Benzyl Alcohol	6.85	79	263290	41.19	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	420284	39.35	ng	96
17) 2-Methylphenol	6.97	107	233891	39.23	ng	97
18) Hexachloroethane	7.22	117	119045	39.09	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	215492	38.72	ng	97
20) 3+4-Methylphenols	7.12	107	282444	39.33	ng	# 58
22) Acetophenone	7.12	105	385060	39.34	ng	# 92
24) Nitrobenzene	7.29	77	305358	38.54	ng	98
25) Isophorone	7.53	82	520615	39.41	ng	96
26) 2-Nitrophenol	7.60	139	114911	31.06	ng	90
27) 2,4-Dimethylphenol	7.65	122	227155	39.14	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	343131	38.60	ng	99
29) 2,4-Dichlorophenol	7.85	162	240894	38.95	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	265793	39.76	ng	96
31) Naphthalene	8.01	128	787468	39.36	ng	99
32) Benzoic acid	7.78	122	133617	35.23	ng	94
33) 4-Chloroaniline	8.06	127	348655	39.19	ng	98
34) Hexachlorobutadiene	8.14	225	162574	39.83	ng	99
35) Caprolactam	8.43	113	77466	38.42	ng	88
36) 4-Chloro-3-methylphenol	8.55	107	256008	39.32	ng	99
37) 2-Methylnaphthalene	8.70	142	509270	39.05	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	255235	39.69	ng	98
40) Hexachlorocyclopentadiene	8.86	237	117032	36.12	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
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 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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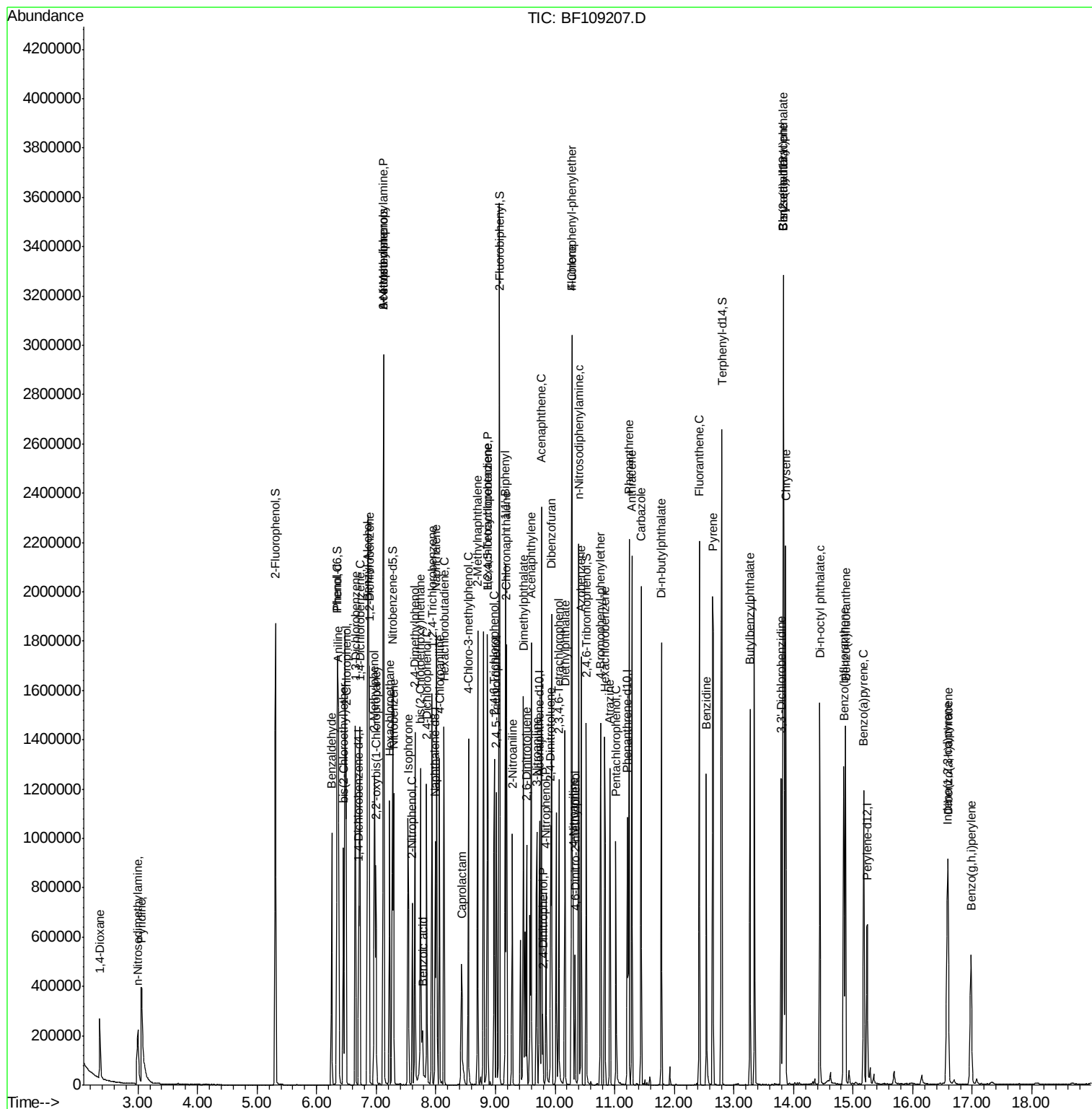
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	170419	39.42	nq	100
43) 2,4,5-Trichlorophenol	9.02	196	179314	39.70	nq	98
45) 1,1'-Biphenyl	9.17	154	654045	40.01	nq	97
46) 2-Chloronaphthalene	9.19	162	526857	40.24	nq	99
47) 2-Nitroaniline	9.28	65	145197	36.08	nq	90
48) Acenaphthylene	9.60	152	789769	40.01	nq	99
49) Dimethylphthalate	9.47	163	579926	39.71	nq	99
50) 2,6-Dinitrotoluene	9.53	165	118770	36.67	nq	98
51) Acenaphthene	9.77	154	479452	39.01	nq	99
52) 3-Nitroaniline	9.69	138	138855	36.41	nq	94
53) 2,4-Dinitrophenol	9.80	184	30342	24.31	nq	# 16
54) Dibenzofuran	9.95	168	700148	39.42	nq	97
55) 4-Nitrophenol	9.85	139	98426	35.03	nq	89
56) 2,4-Dinitrotoluene	9.93	165	143713	33.93	nq	95
57) Fluorene	10.29	166	489834	41.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	142112	37.99	nq	92
59) Diethylphthalate	10.16	149	588738	39.92	nq	99
60) 4-Chlorophenyl-phenylether	10.28	204	258208	40.74	nq	93
61) 4-Nitroaniline	10.30	138	136562	37.69	nq	97
62) Azobenzene	10.44	77	612619	40.58	nq	97
64) 4,6-Dinitro-2-methylphenol	10.33	198	53533	27.95	nq	97
65) n-Nitrosodiphenylamine	10.40	169	515631	39.38	nq	95
66) 4-Bromophenyl-phenylether	10.77	248	174199	38.60	nq	# 85
67) Hexachlorobenzene	10.83	284	183713	38.06	nq	95
68) Atrazine	10.93	200	162982	38.88	nq	97
69) Pentachlorophenol	11.02	266	115311	37.34	nq	98
70) Phenanthrene	11.24	178	773943	39.44	nq	99
71) Anthracene	11.29	178	787514	39.59	nq	99
72) Carbazole	11.45	167	781748	39.70	nq	100
73) Di-n-butylphthalate	11.79	149	912342	39.58	nq	99
74) Fluoranthene	12.42	202	822402	39.70	nq	97
76) Benzidine	12.54	184	459966	43.73	nq	98
77) Pyrene	12.64	202	853755	38.68	nq	99
79) Butylbenzylphthalate	13.27	149	375567	38.10	nq	95
80) Benzo(a)anthracene	13.83	228	711119	39.53	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	286092	39.41	nq	# 97
82) Chrysene	13.87	228	697711	38.77	nq	100
83) Bis(2-ethylhexyl)phthalate	13.84	149	460954	38.62	nq	99
84) Di-n-octyl phthalate	14.44	149	798383	39.44	nq	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	513082	35.66	nq	94
87) Benzo(b)fluoranthene	14.84	252	633175	39.73	nq	97
88) Benzo(k)fluoranthene	14.87	252	595093	39.98	nq	# 96
89) Benzo(a)pyrene	15.18	252	564693	39.90	nq	99
90) Dibenzo(a,h)anthracene	16.60	278	428072	36.00	nq	# 94
91) Benzo(g,h,i)perylene	16.98	276	412647	34.71	nq	92

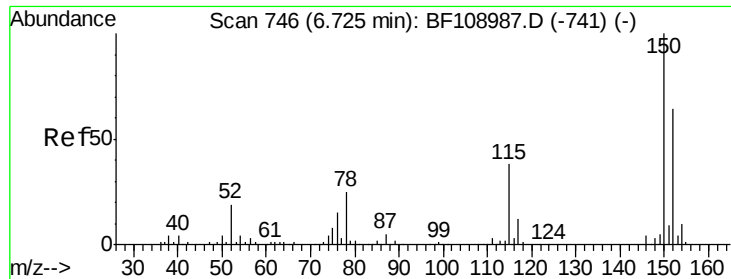
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF109207.D  
Acq On    : 22 Sep 2018    8:49  
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Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :

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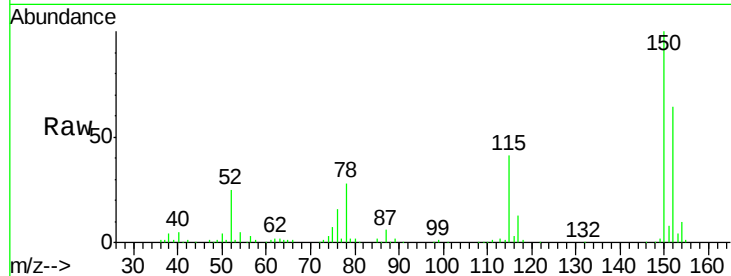


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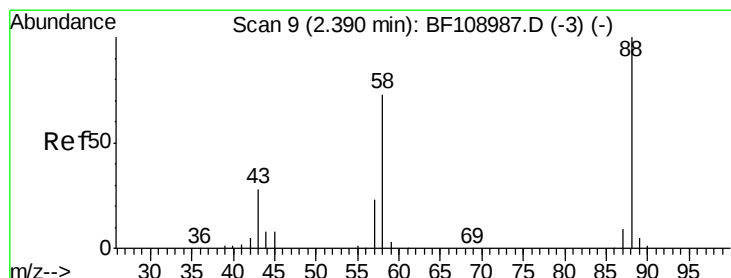
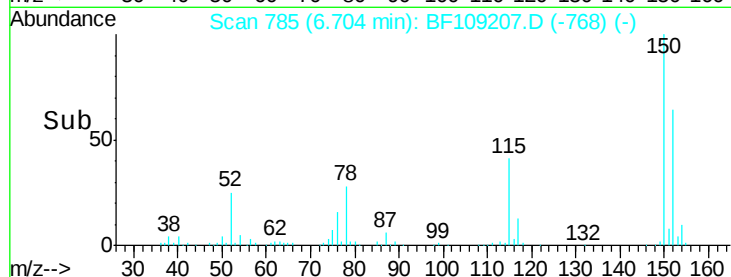
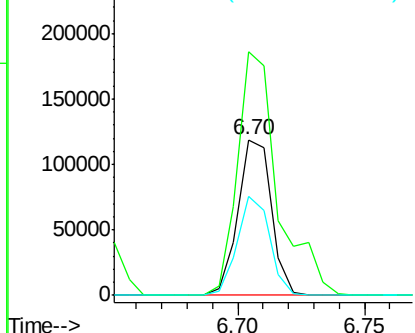
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 108462
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 63.8 50.1 75.1



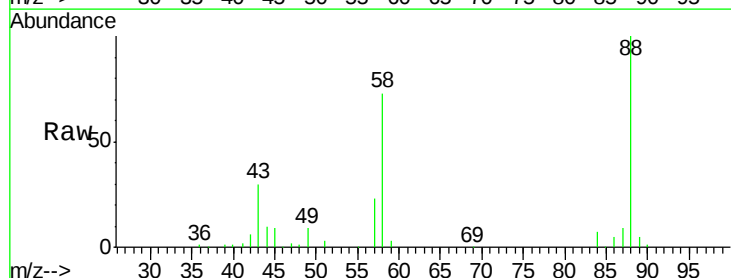
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



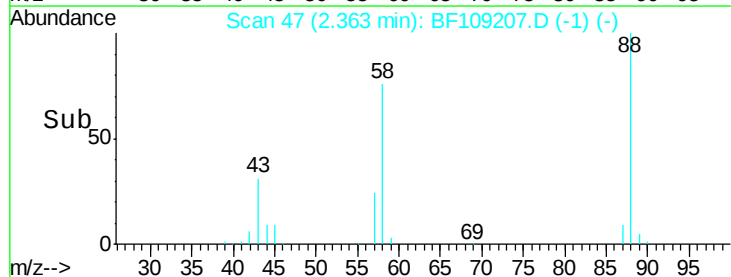
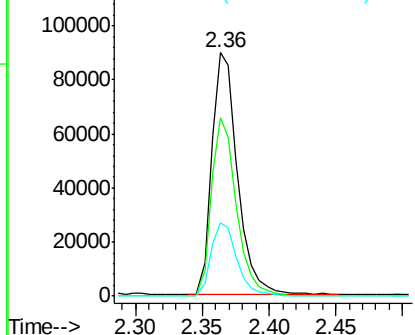
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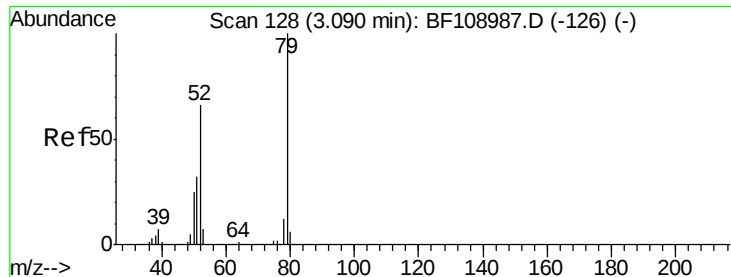
1,4-Dioxane
Concen: 38.75 ng
RT: 2.36 min Scan# 47
Delta R.T. -0.01 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Tgt Ion: 88 Resp: 120455
Ion Ratio Lower Upper
88 100
58 72.4 62.6 93.8
43 30.6 24.6 37.0



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

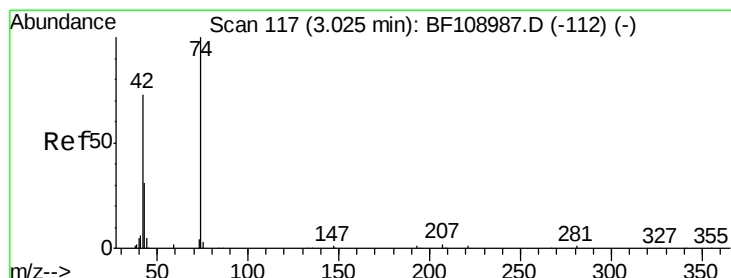
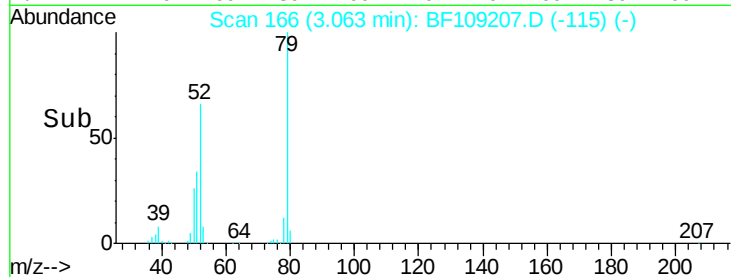
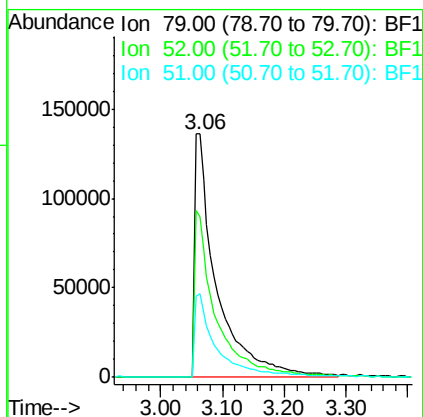
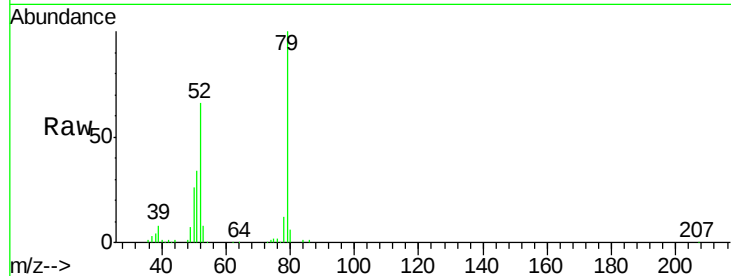




#3
Pvrindine
Concen: 40.78 ng
RT: 3.06 min Scan# 166
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

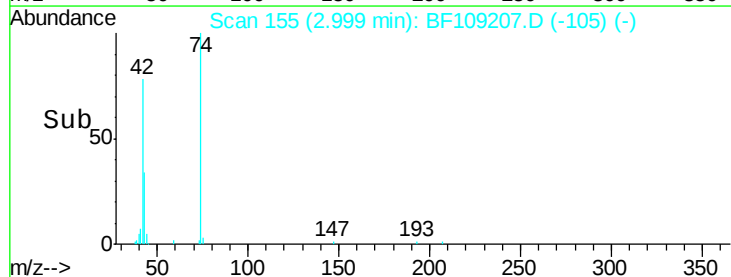
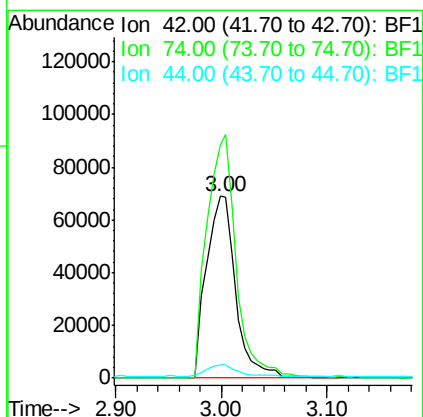
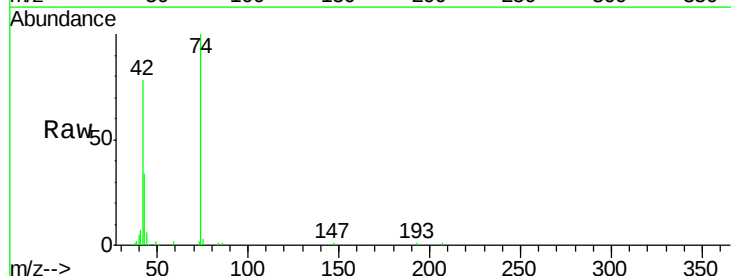
Instrument :
BNA_F
ClientSampleId :

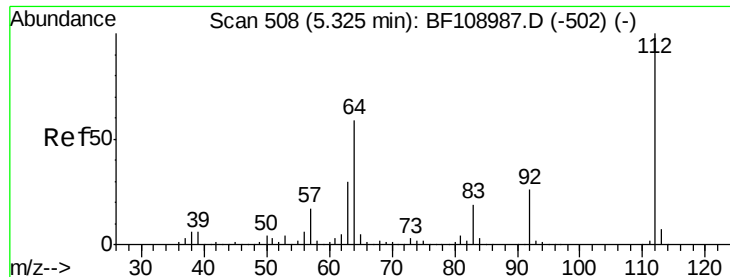
Tot Ion: 79 Resp: 336064
Ion Ratio Lower Upper
79 100
52 66.0 59.8 89.6
51 34.5 29.8 44.8



#4
n-Nitrosodimethylamine
Concen: 42.98 ng
RT: 3.00 min Scan# 155
Delta R.T. -0.01 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Tgt Ion: 42 Resp: 133763
Ion Ratio Lower Upper
42 100
74 128.6 104.9 157.3
44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 80.15 ng

RT: 5.31 min Scan# 548

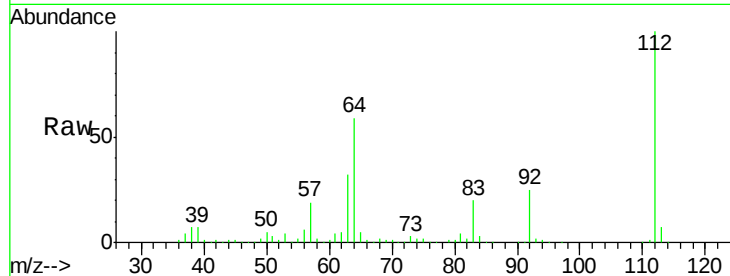
Delta R.T. -0.00 min

Lab File: BF109207.D

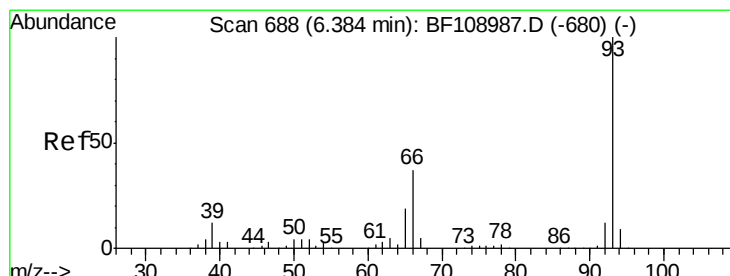
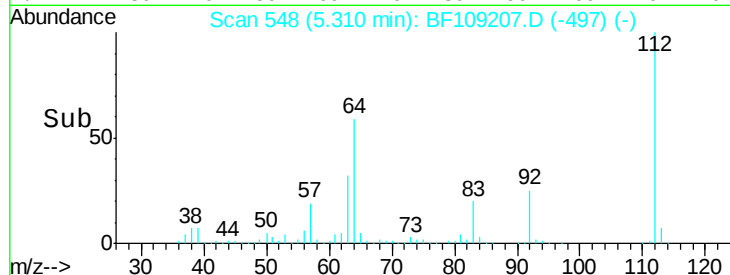
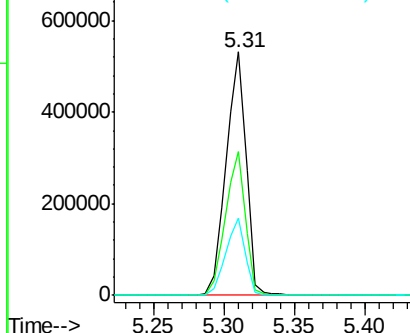
Acq: 22 Sep 2018 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	523410
Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	31.7	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.00 ng

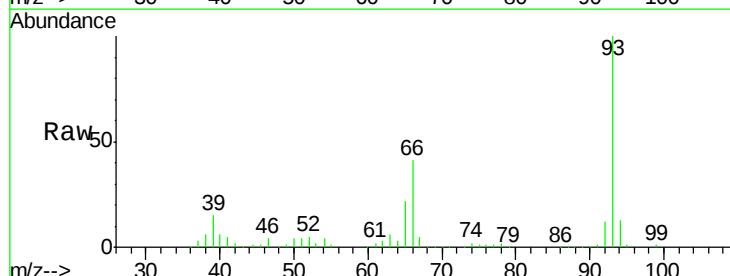
RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

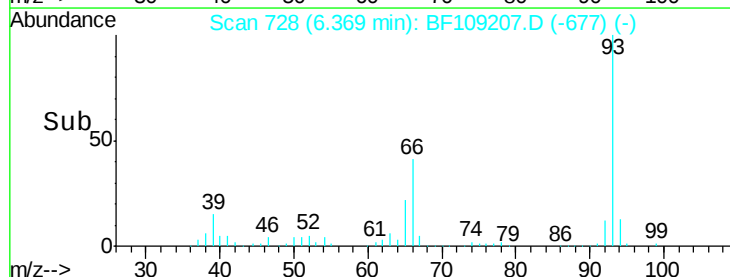
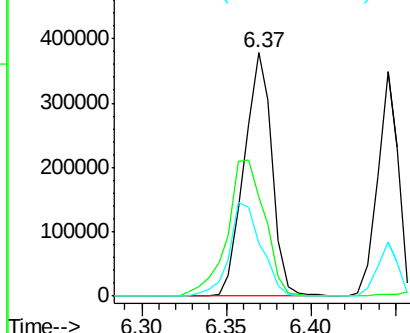
Lab File: BF109207.D

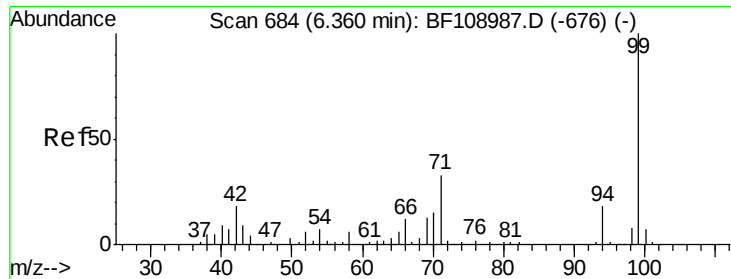
Acq: 22 Sep 2018 8:49

Tgt Ion:	93	Resp:	435355
Ion	Ratio	Lower	Upper
93	100		
66	40.8	32.2	48.2
65	21.8	16.4	24.6



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: 79.67 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

Instrument :

BNA_F

ClientSampleId :

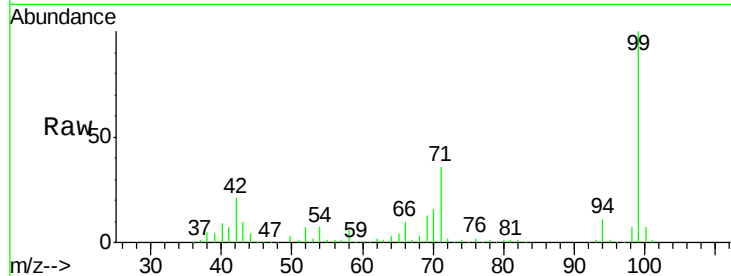
Tot Ion: 99 Resp: 670847

Ion Ratio Lower Upper

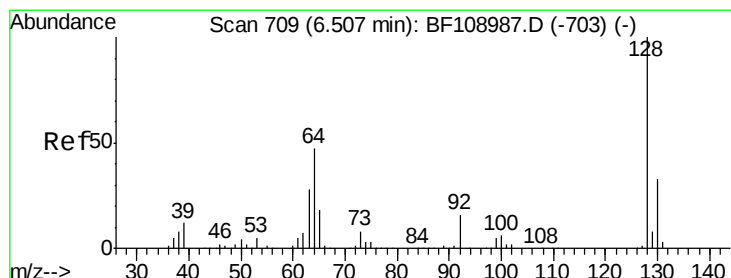
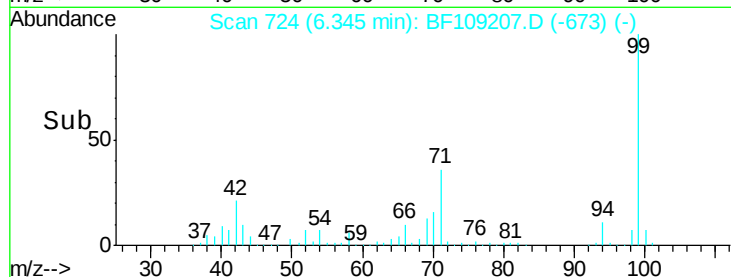
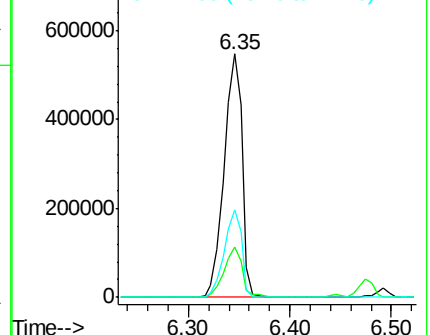
99 100

42 20.7 14.5 21.7

71 36.0 25.4 38.0



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



#8

2-Chlorophenol

Concen: 40.01 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

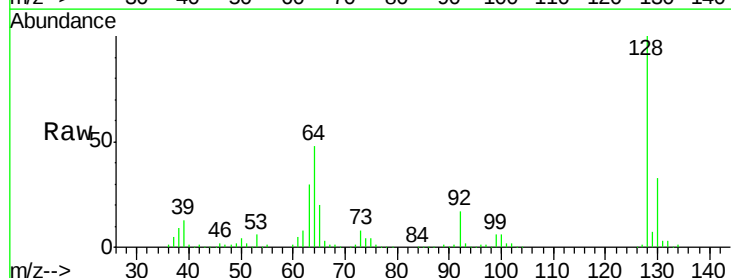
Tgt Ion: 128 Resp: 292397

Ion Ratio Lower Upper

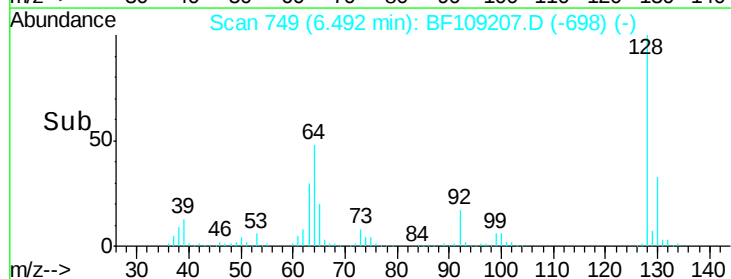
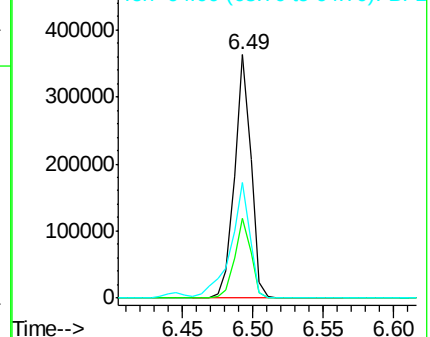
128 100

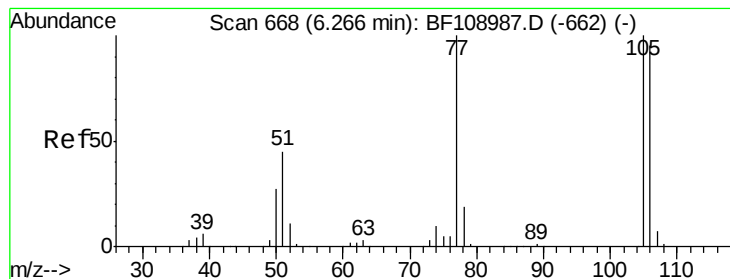
130 32.8 13.0 53.0

64 47.7 29.4 69.4



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





#9

Benzaldehyde

Concen: 39.36 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

Instrument :

BNA_F

ClientSampleId :

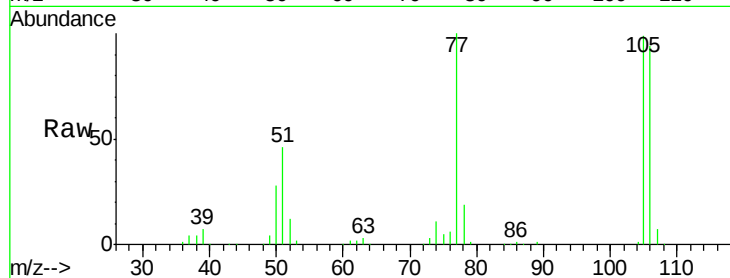
Tot Ion: 77 Resp: 211700

Ion Ratio Lower Upper

77 100

105 98.5 81.1 121.1

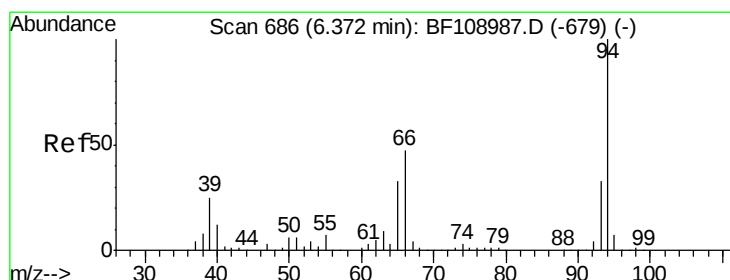
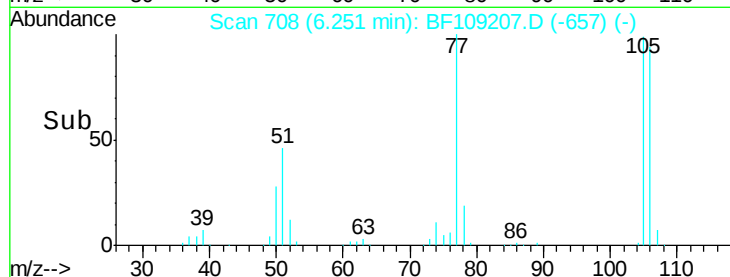
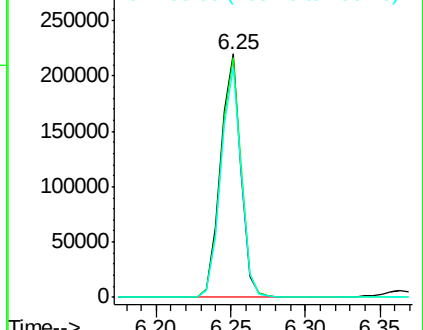
106 94.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.10 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

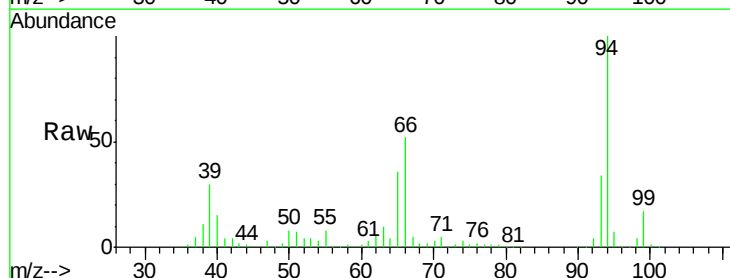
Tgt Ion: 94 Resp: 370508

Ion Ratio Lower Upper

94 100

65 36.3 7.9 47.9

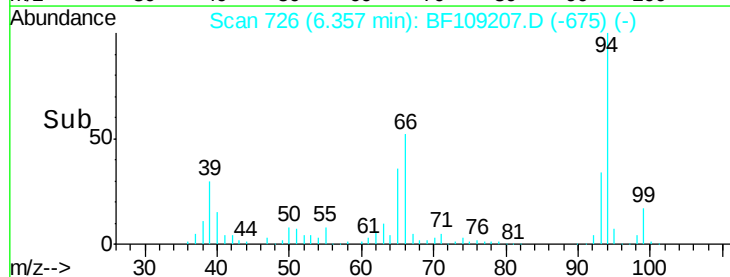
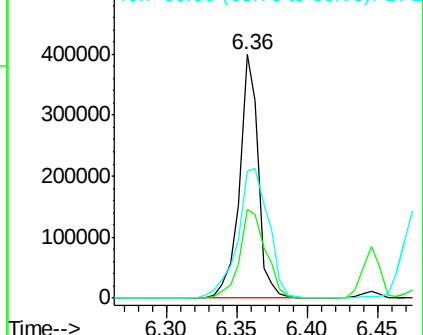
66 52.4 16.2 56.2

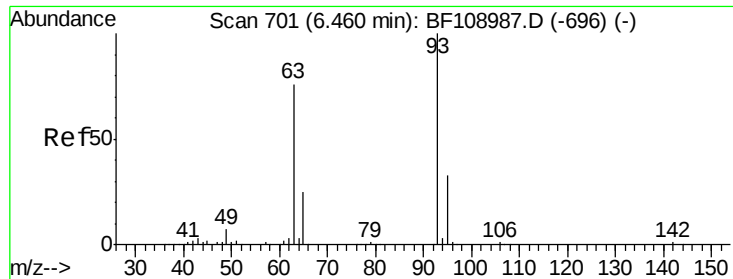


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

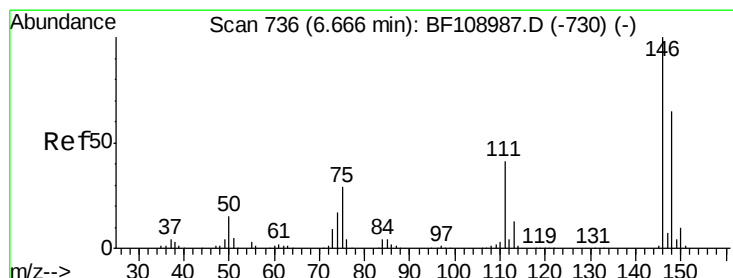
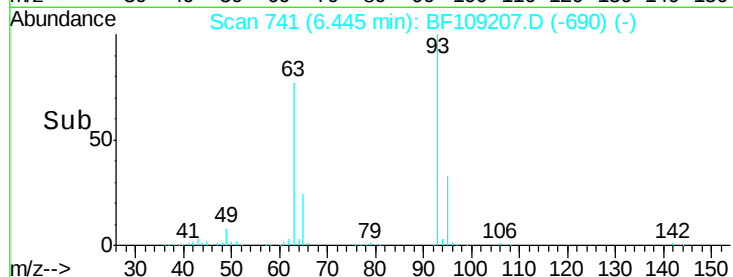
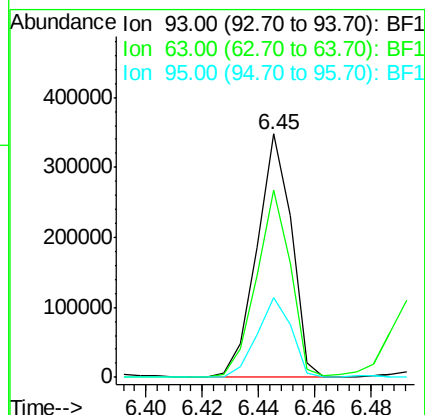
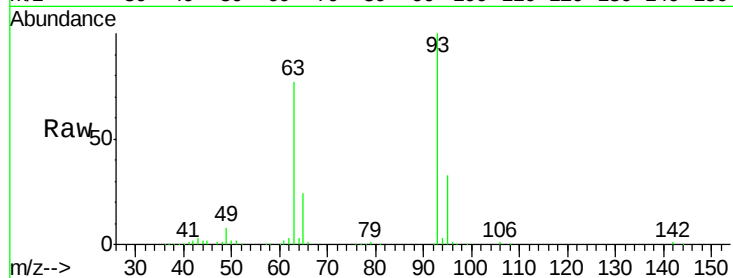




#11
bis(2-Chloroethyl)ether
Concen: 39.46 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

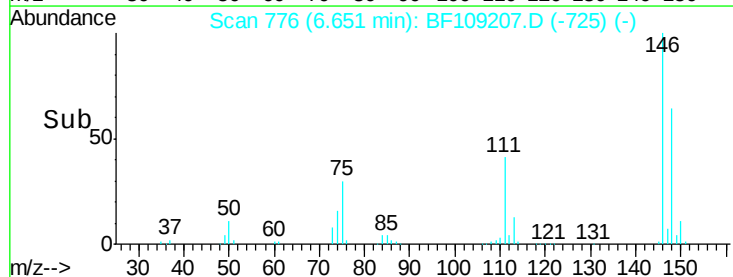
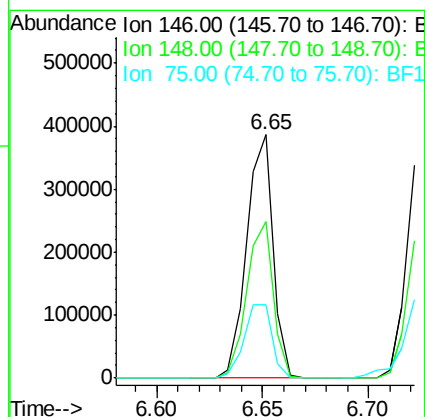
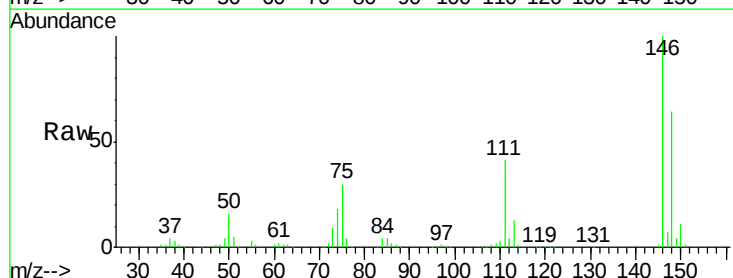
Instrument :
BNA_F
ClientSampleId :

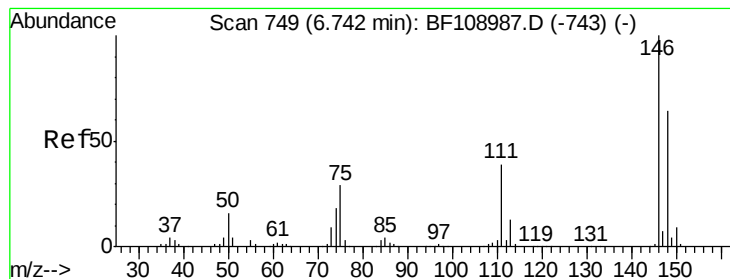
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.0	58.6	98.6
95	33.0	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 40.14 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	30.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 40.10 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

Instrument :

BNA_F

ClientSampleId :

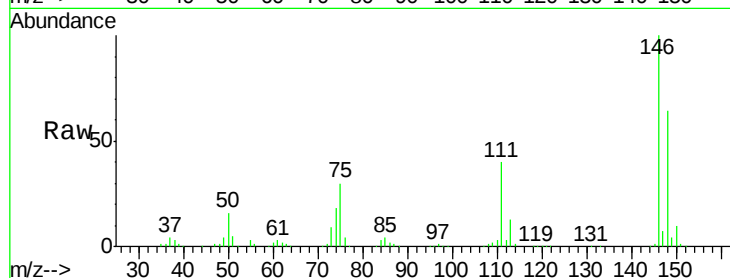
Tot Ion:146 Resp: 336232

Ion Ratio Lower Upper

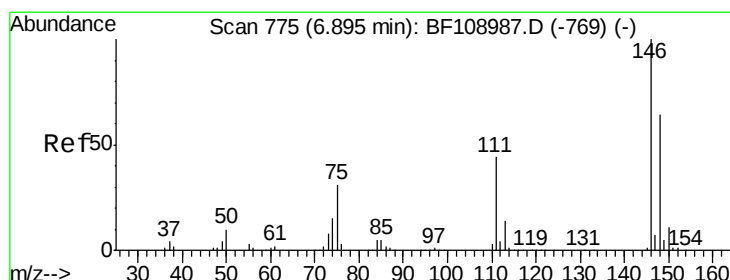
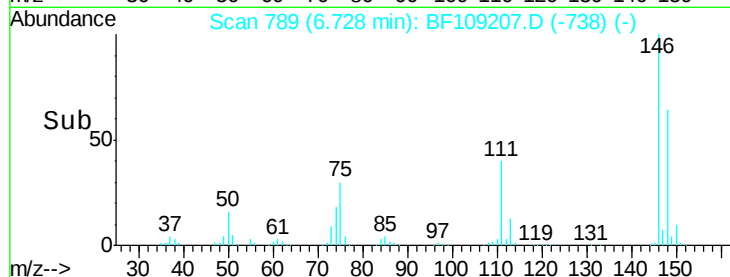
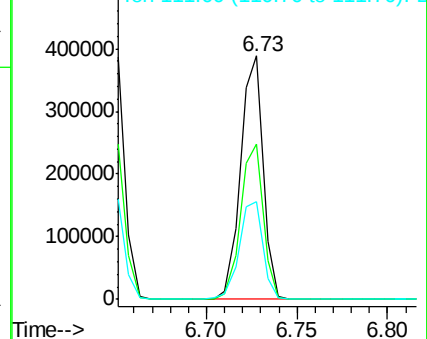
146 100

148 63.7 50.8 76.2

111 39.9 34.2 51.2



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: 40.02 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

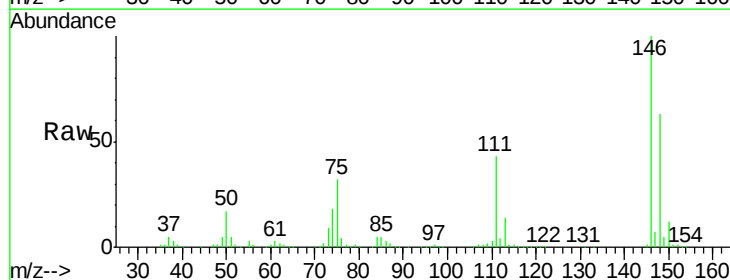
Tgt Ion:146 Resp: 311047

Ion Ratio Lower Upper

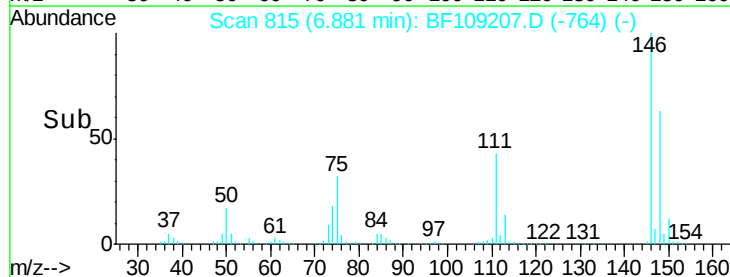
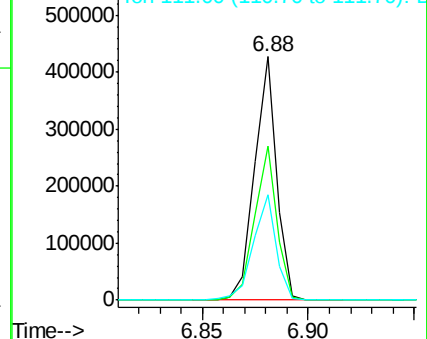
146 100

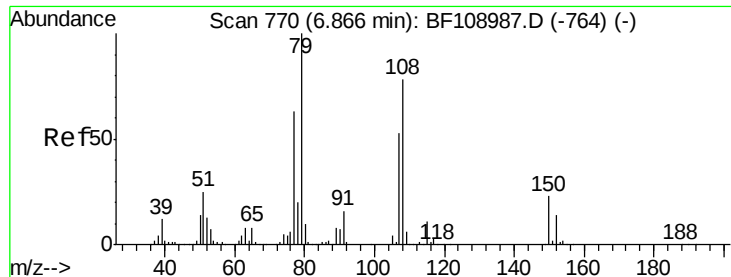
148 63.3 50.6 75.8

111 43.1 36.0 54.0



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: 41.19 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

Instrument :

BNA_F

ClientSampleId :

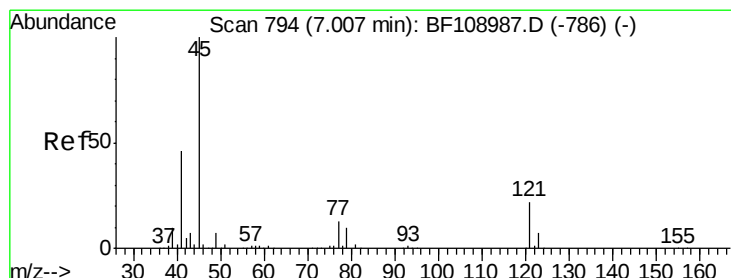
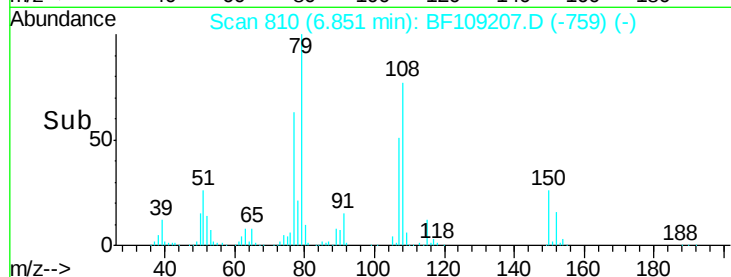
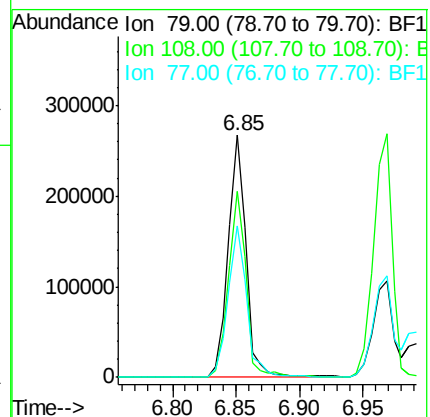
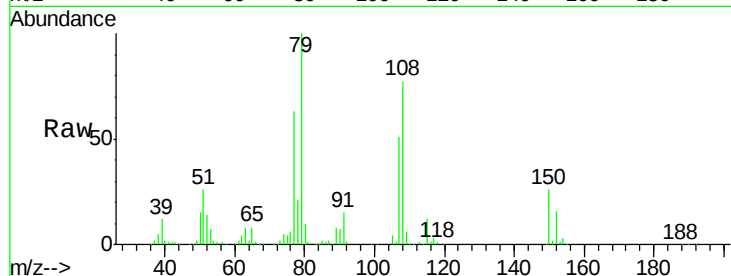
Tot Ion: 79 Resp: 263290

Ion Ratio Lower Upper

79 100

108 76.8 65.1 97.7

77 62.7 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.35 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

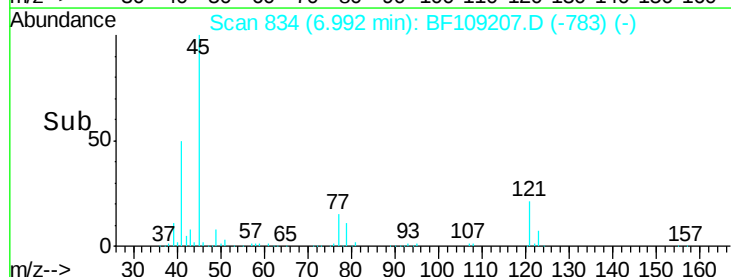
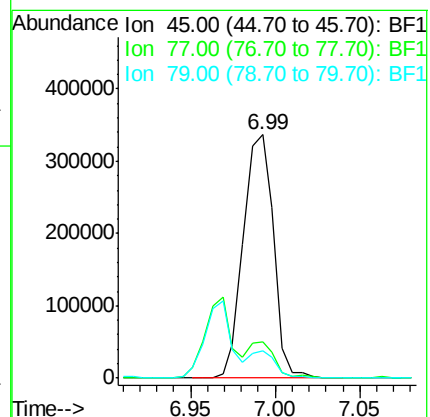
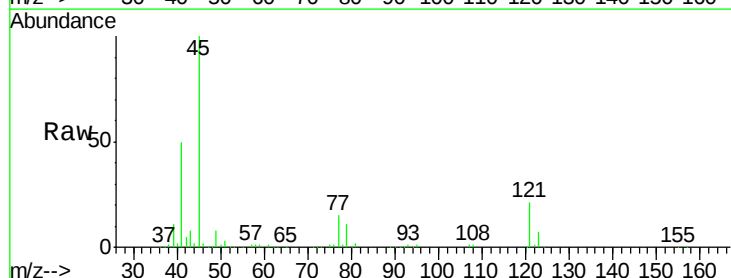
Tgt Ion: 45 Resp: 420284

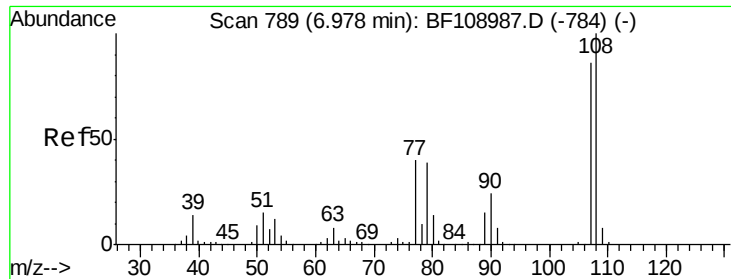
Ion Ratio Lower Upper

45 100

77 14.7 0.0 32.9

79 11.2 0.0 29.6





#17

2-Methylphenol

Concen: 39.23 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 233891

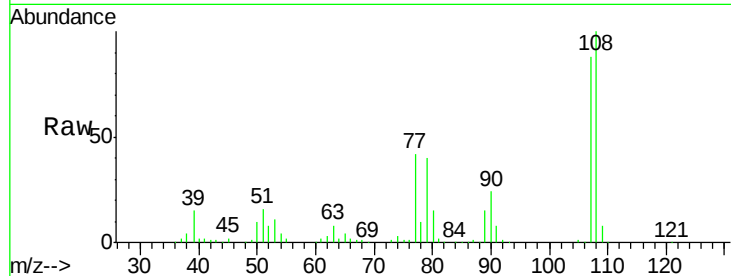
Ion Ratio Lower Upper

107 100

108 113.5 91.7 137.5

77 47.1 33.8 50.8

79 45.2 33.8 50.8

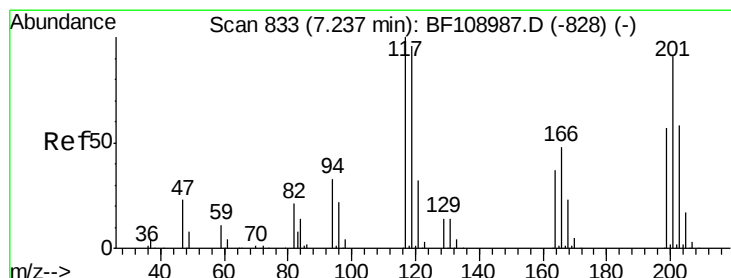
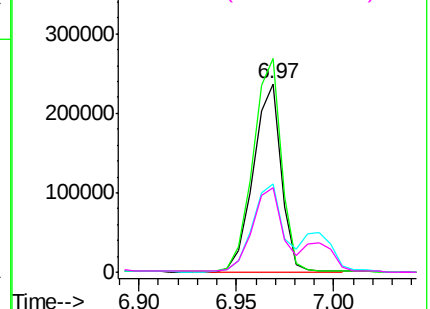
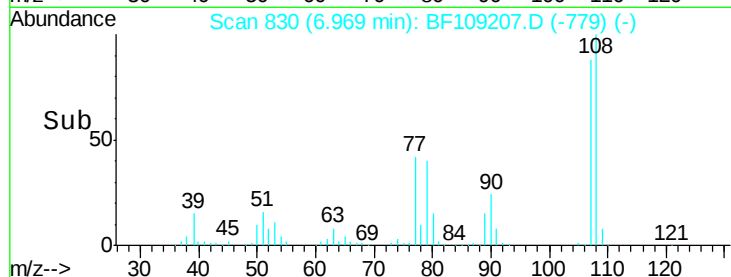


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.09 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

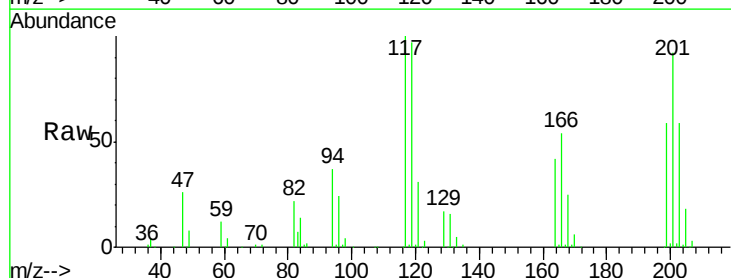
Tgt Ion:117 Resp: 119045

Ion Ratio Lower Upper

117 100

119 96.7 75.8 113.8

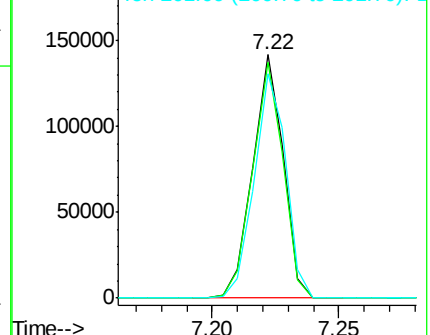
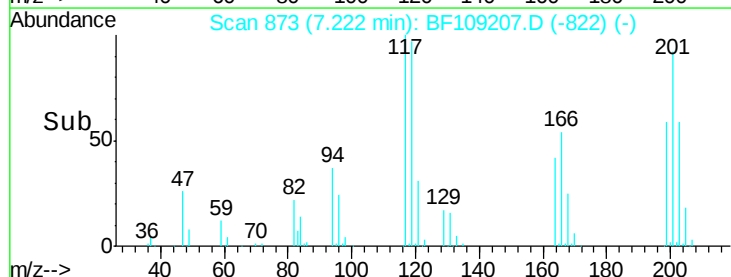
201 92.0 75.7 113.5

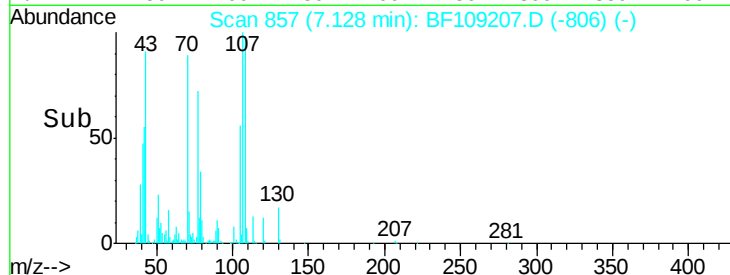
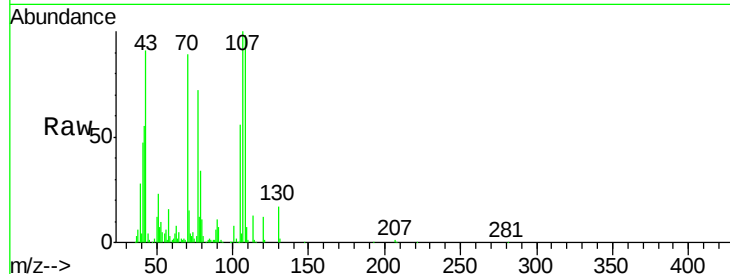
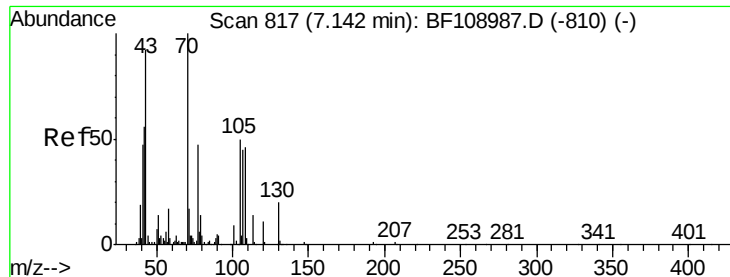


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

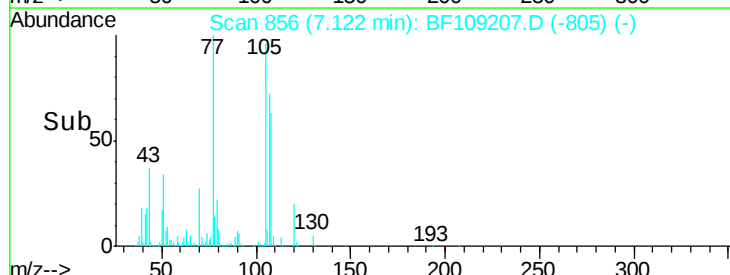
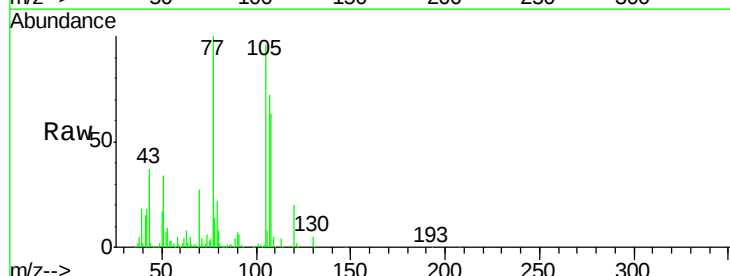
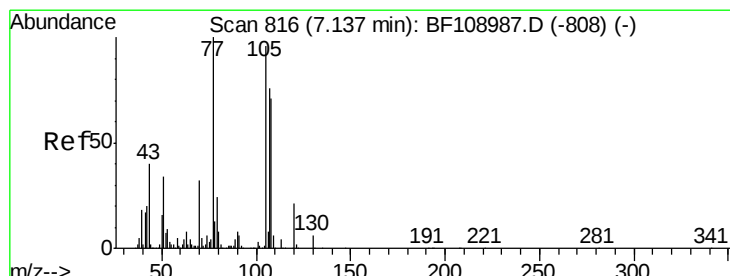
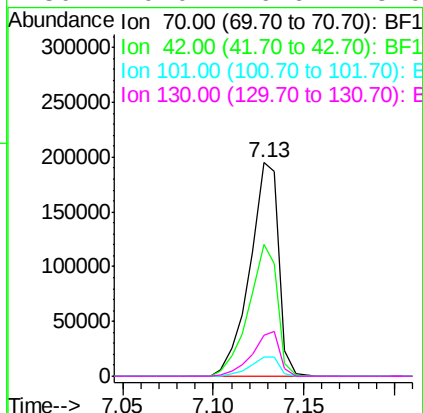




#19
n-Nitroso-di-n-propylamine
Concen: 38.72 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

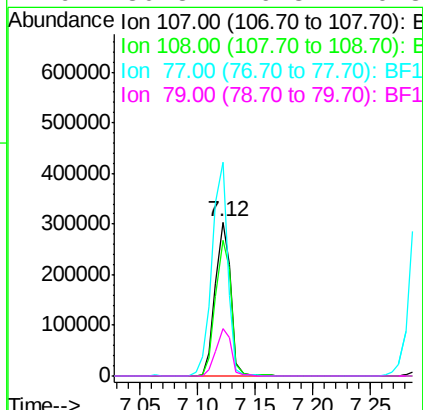
Instrument :
BNA_F
ClientSampleId :

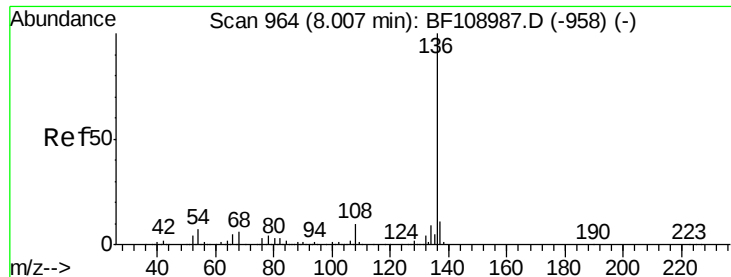
Tot Ion:	70	Resp:	215492
Ion	Ratio	Lower	Upper
70	100		
42	61.6	47.5	71.3
101	9.3	7.4	11.2
130	19.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.33 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Tgt Ion:	107	Resp:	282444
Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.2	108.2
77	139.0	26.7	66.7#
79	30.8	6.3	46.3

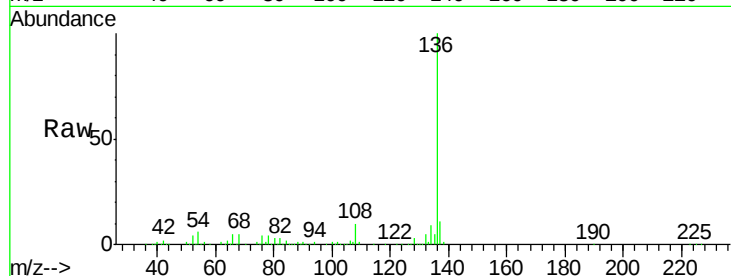




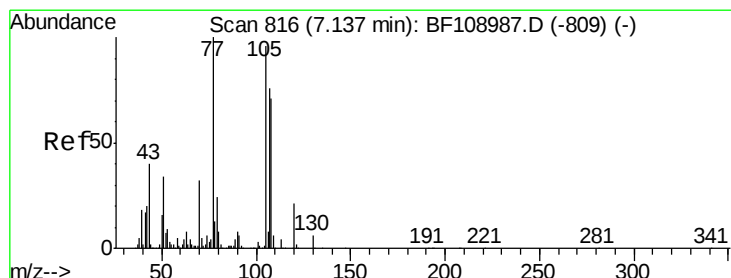
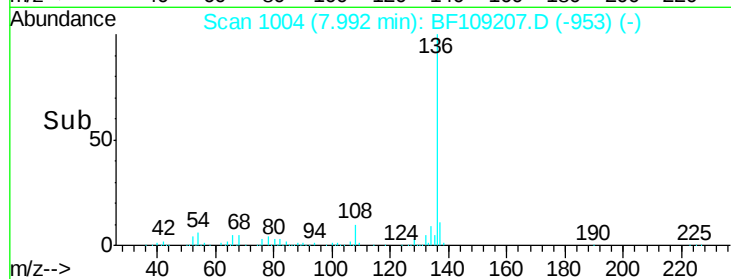
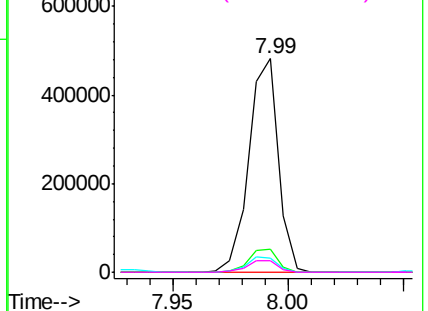
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	431049
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.4	6.6 9.8#
68	5.3	5.0 7.4

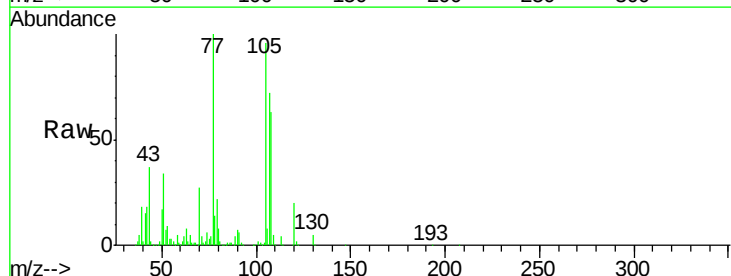


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

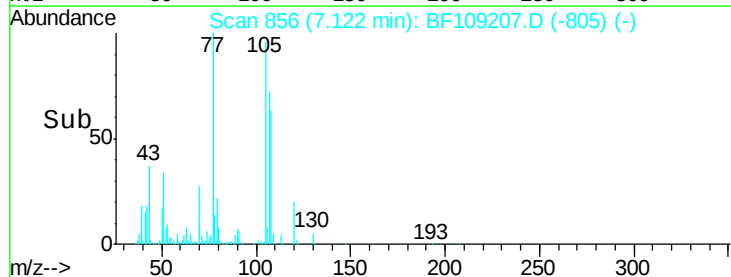
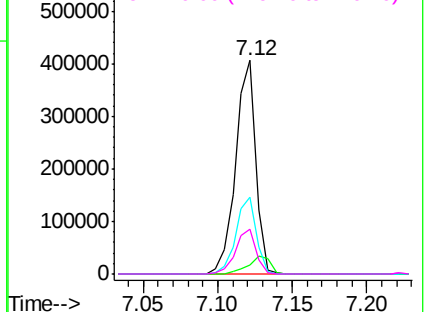


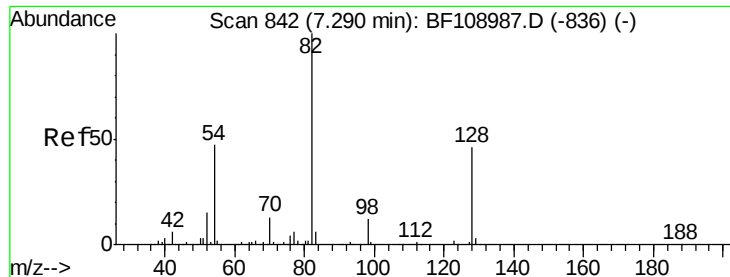
#22
Acetophenone
Concen: 39.34 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Tgt Ion:105	Resp:	385060
Ion Ratio	Lower	Upper
105	100	
71	4.5	4.4 6.6
51	35.7	22.3 33.5#
120	21.2	16.9 25.3



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

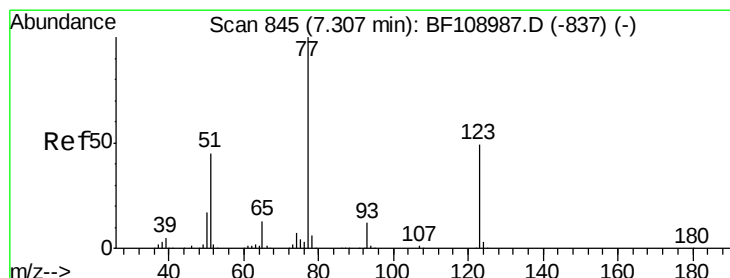
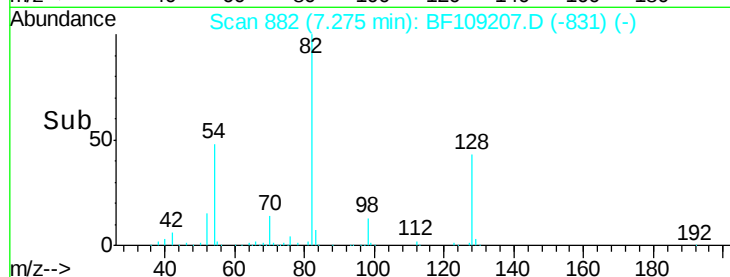
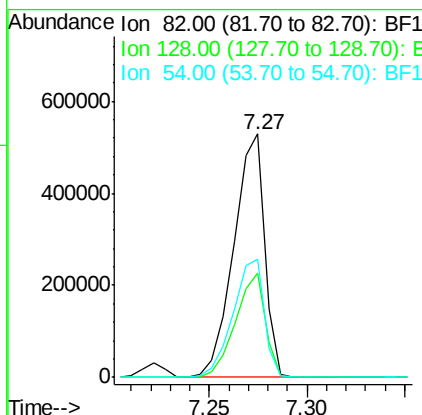
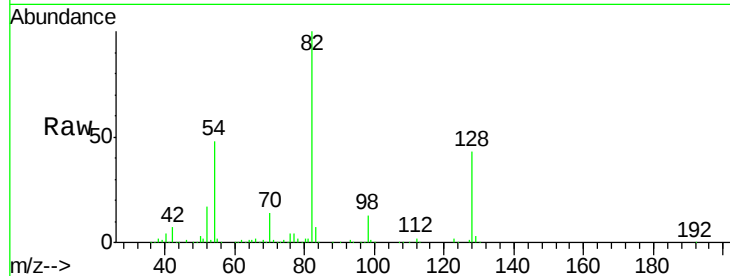




#23
 Nitrobenzene-d5
 Concen: 75.37 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

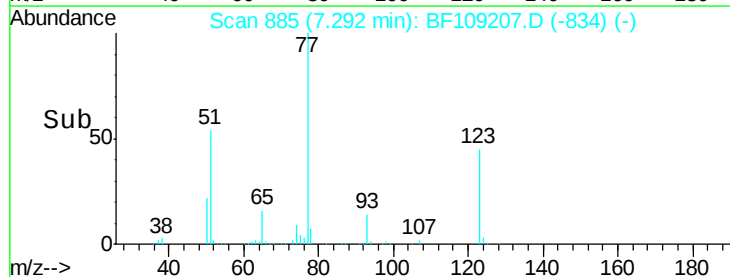
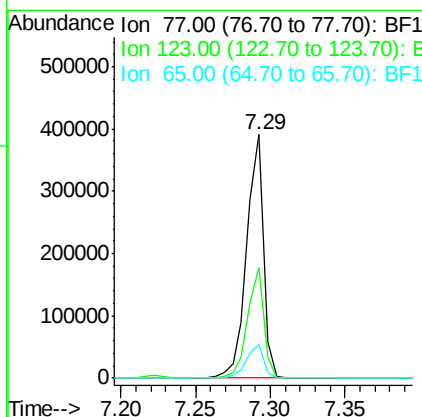
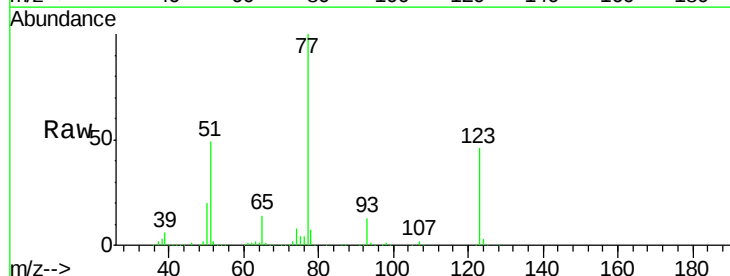
Instrument :
 BNA_F
 ClientSampleId :

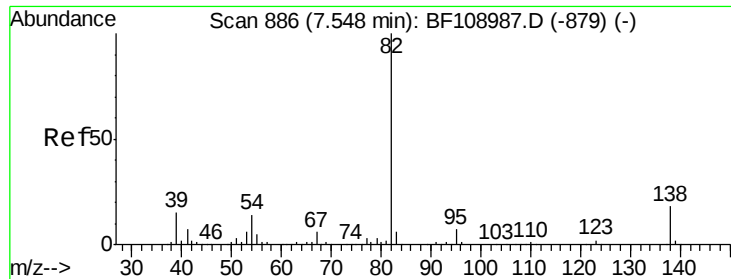
Tot Ion	82	Resp	579197
Ion Ratio	Lower	Upper	
82	100		
128	42.8	36.1	54.1
54	48.4	41.4	62.2



#24
 Nitrobenzene
 Concen: 38.54 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

Tgt Ion	77	Resp	305358
Ion Ratio	Lower	Upper	
77	100		
123	45.5	37.9	56.9
65	13.7	11.0	16.4





#25

Isophorone

Concen: 39.41 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

Instrument :

BNA_F

ClientSampleId :

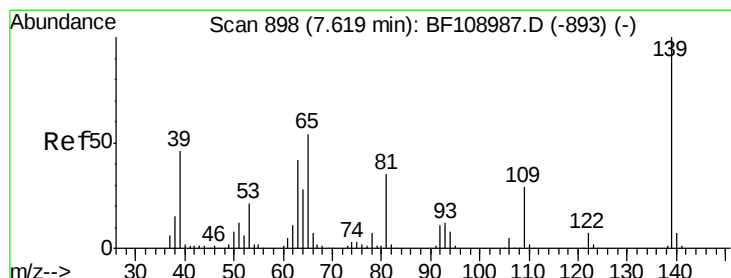
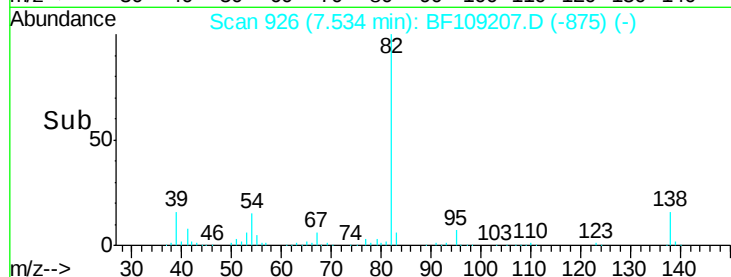
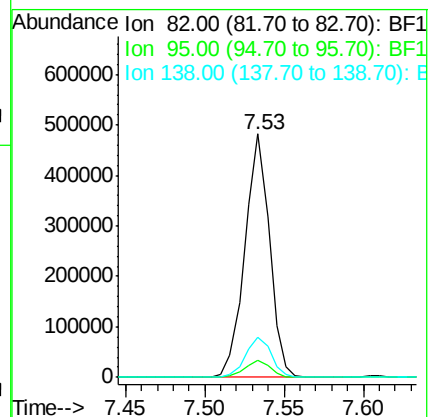
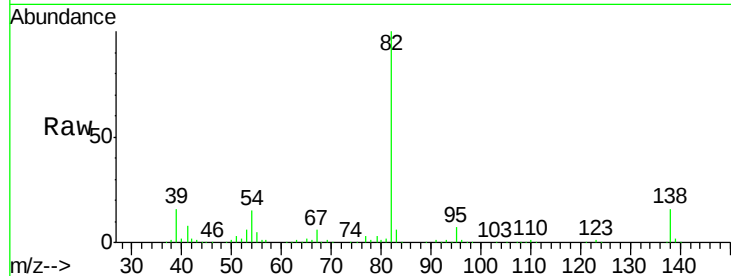
Tot Ion: 82 Resp: 520615

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 16.3 14.9 22.3



#26

2-Nitrophenol

Concen: 31.06 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

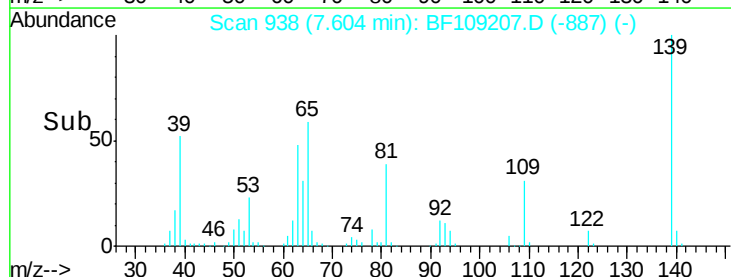
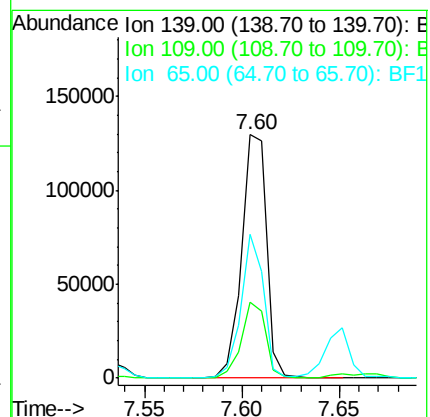
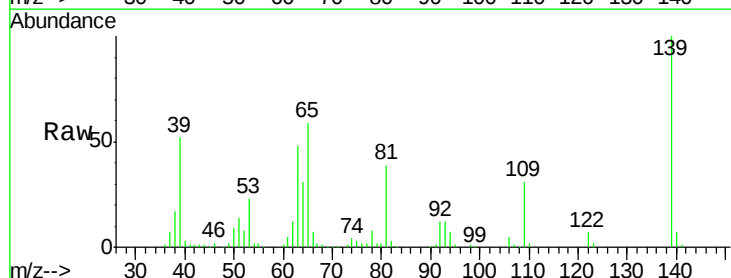
Tgt Ion: 139 Resp: 114911

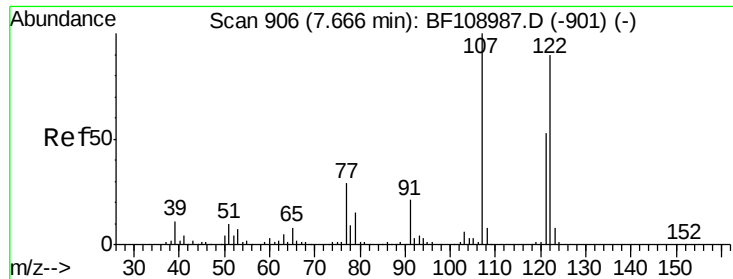
Ion Ratio Lower Upper

139 100

109 31.4 22.7 34.1

65 59.3 40.5 60.7

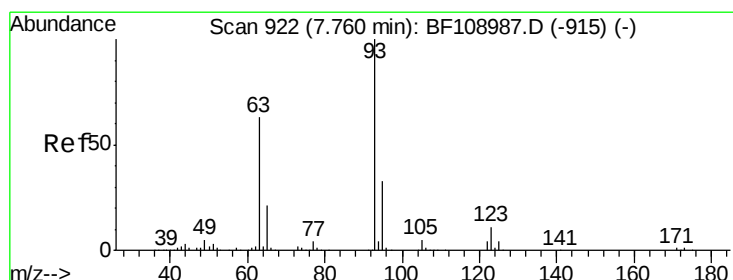
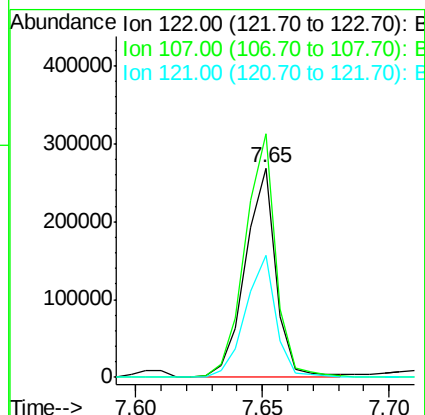
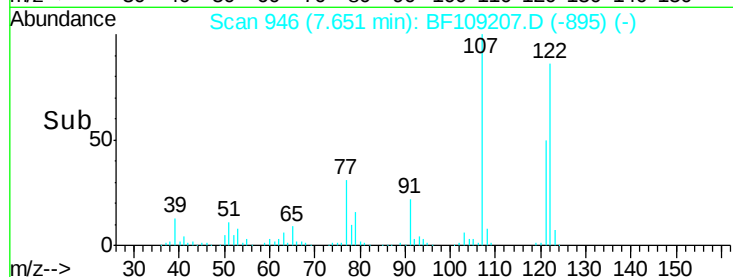
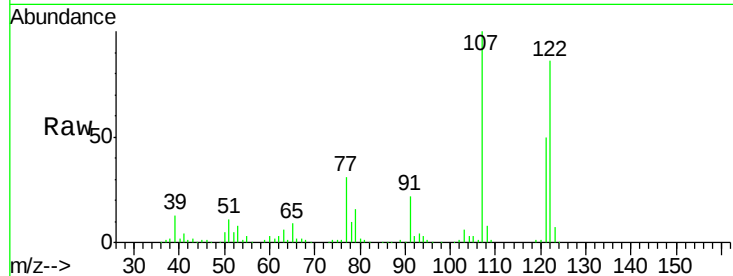




#27
 2,4-Dimethylphenol
 Concen: 39.14 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

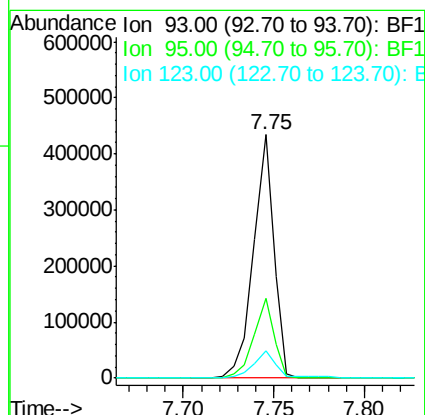
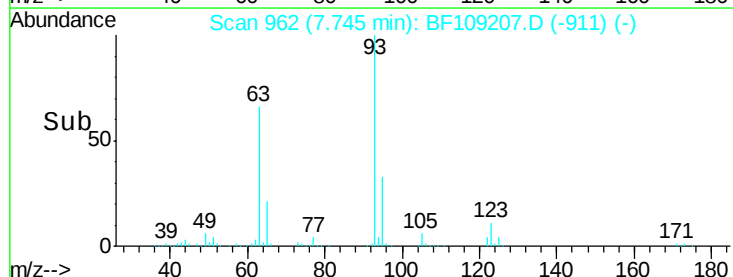
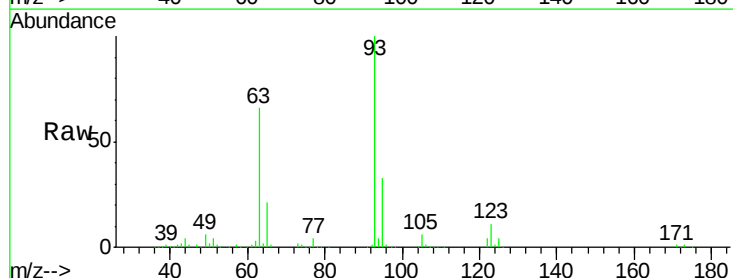
Instrument :
 BNA_F
 ClientSampled :

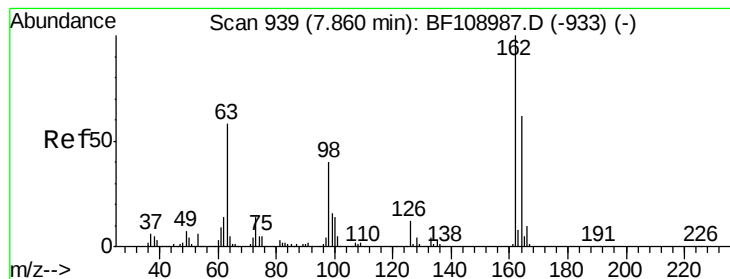
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.4	91.2	136.8
121	58.5	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.60 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	11.4	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 38.95 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

Instrument :

BNA_F

ClientSampleId :

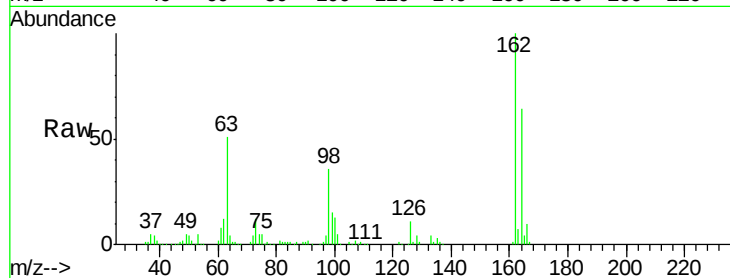
Tot Ion:162 Resp: 240894

Ion Ratio Lower Upper

162 100

164 64.0 42.7 82.7

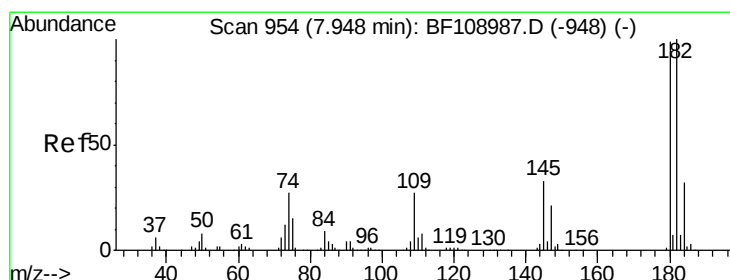
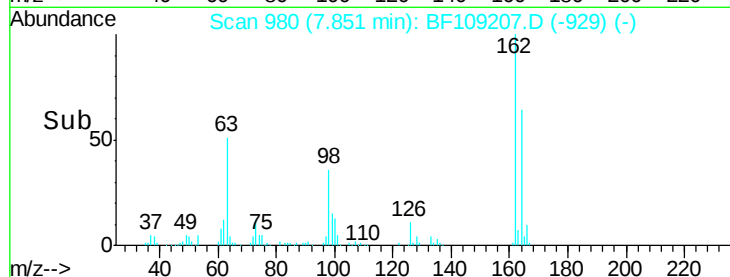
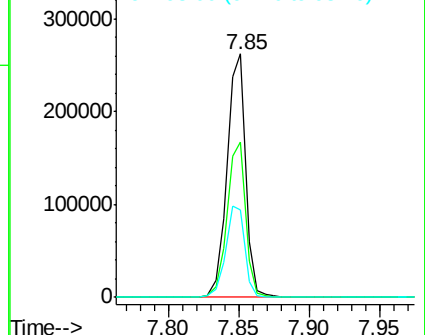
98 35.7 18.1 58.1



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: 39.76 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

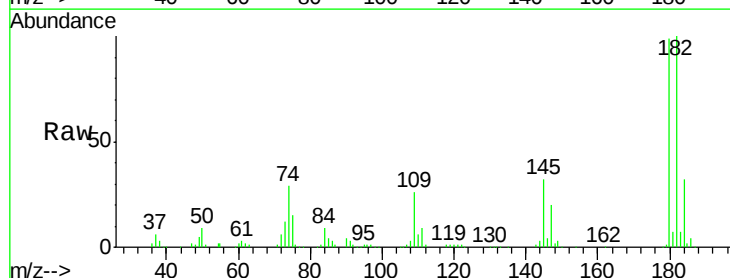
Tgt Ion:180 Resp: 265793

Ion Ratio Lower Upper

180 100

182 100.6 76.8 115.2

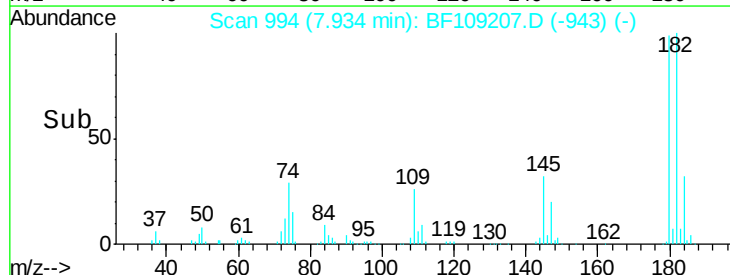
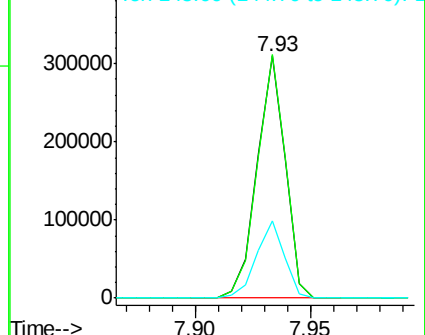
145 31.9 26.5 39.7

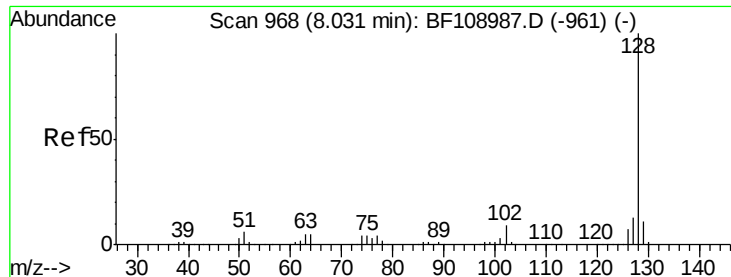


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

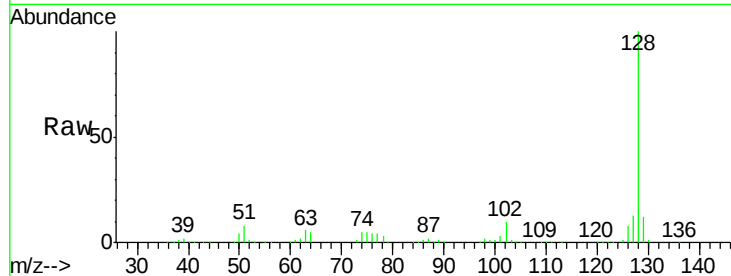




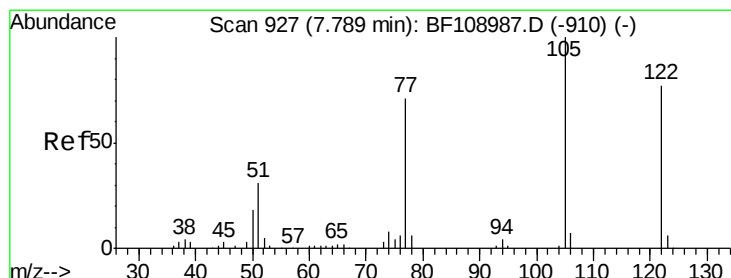
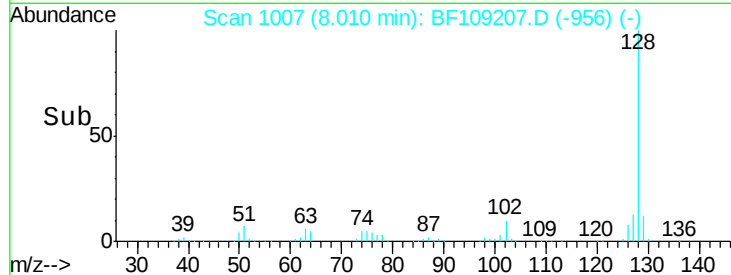
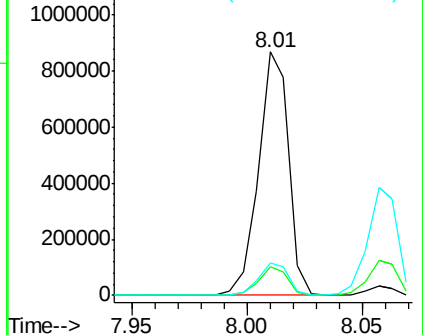
#31
Naphthalene
Concen: 39.36 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 787468
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.5 10.9 16.3

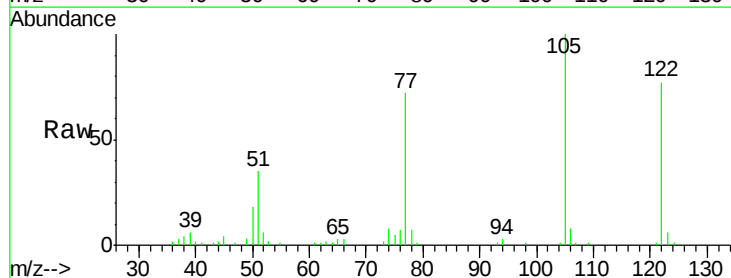


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

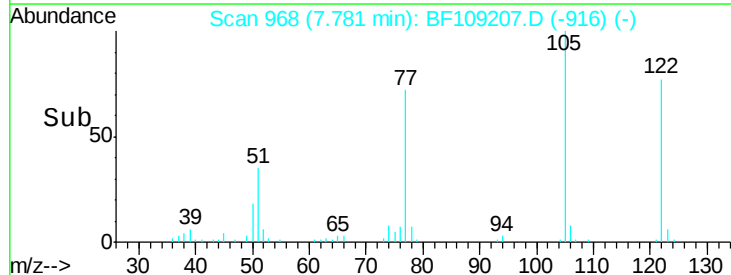
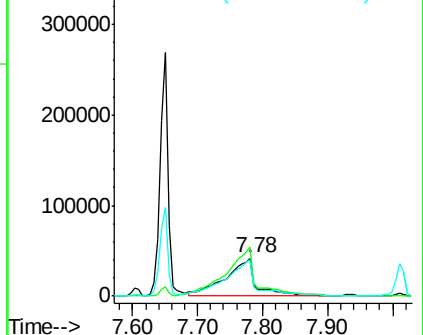


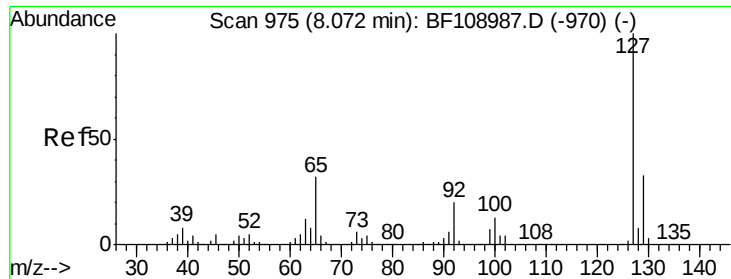
#32
Benzoic acid
Concen: 35.23 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Tgt Ion:122 Resp: 133617
Ion Ratio Lower Upper
122 100
105 129.6 101.1 141.1
77 93.7 70.7 110.7



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

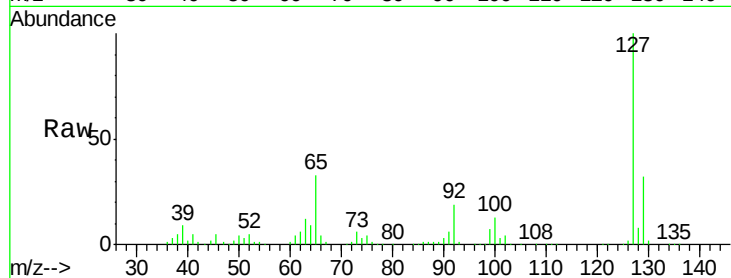




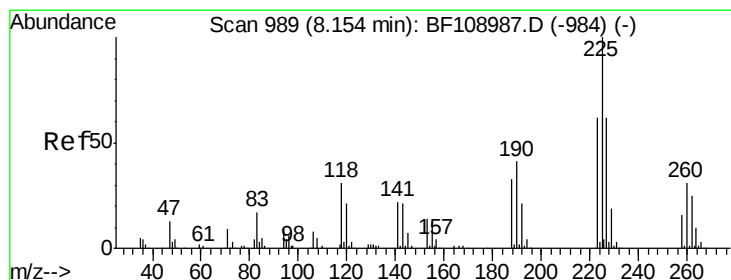
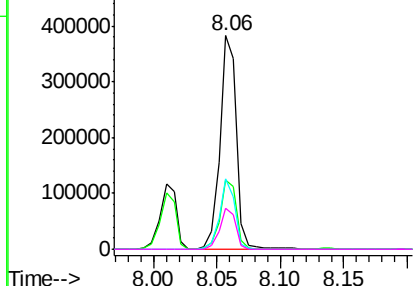
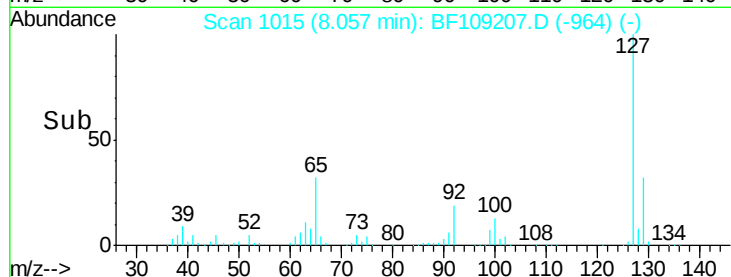
#33
4-Chloroaniline
Concen: 39.19 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	348655
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.9	38.9
65	33.2	25.0	37.4
92	19.5	15.2	22.8

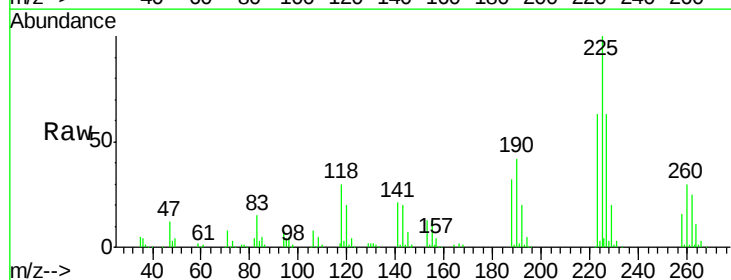


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

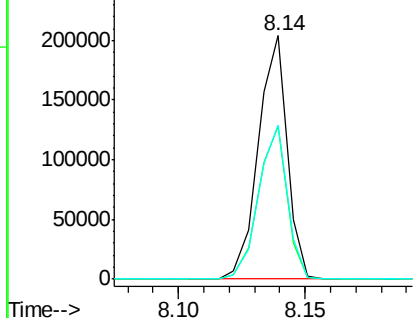
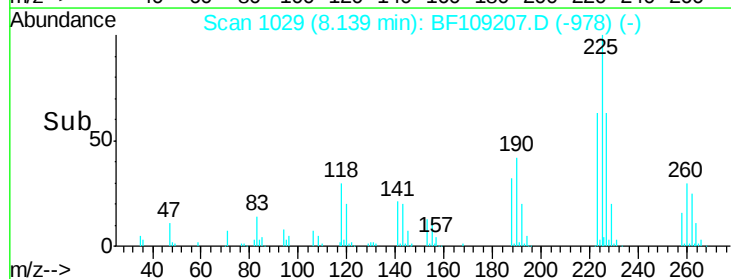


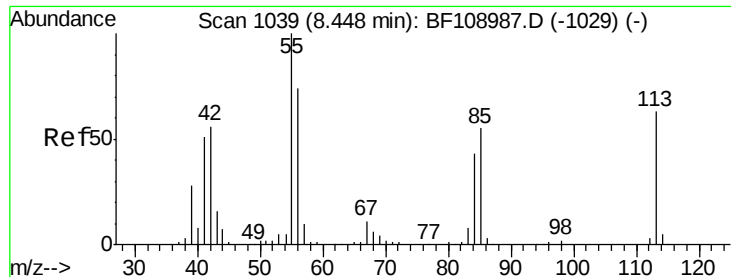
#34
Hexachlorobutadiene
Concen: 39.83 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Tgt Ion:	225	Resp:	162574
Ion Ratio	Lower	Upper	
225	100		
223	62.7	50.6	76.0
227	63.5	51.9	77.9



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

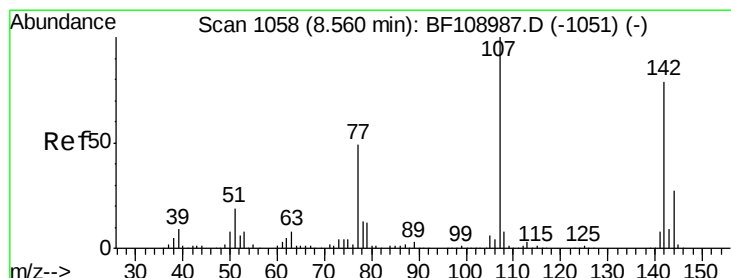
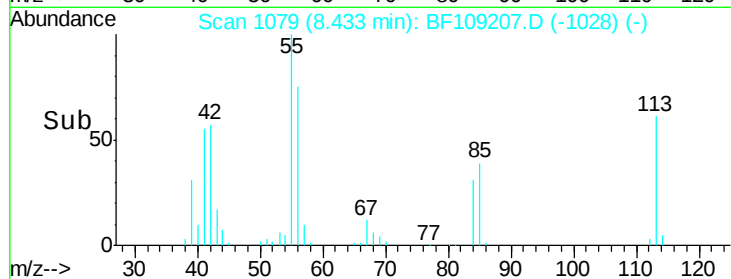
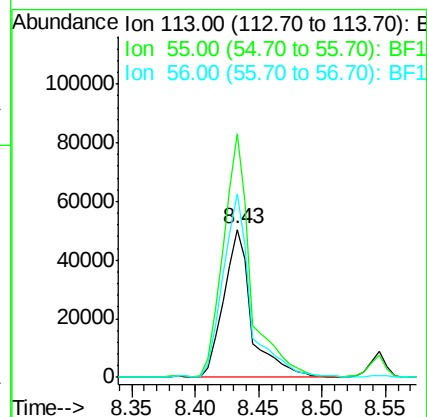
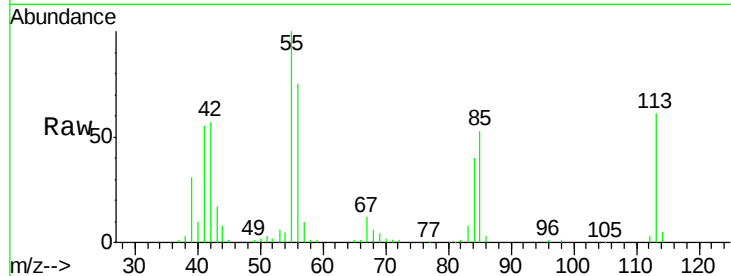




#35
Caprolactam
Concen: 38.42 ng
RT: 8.43 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

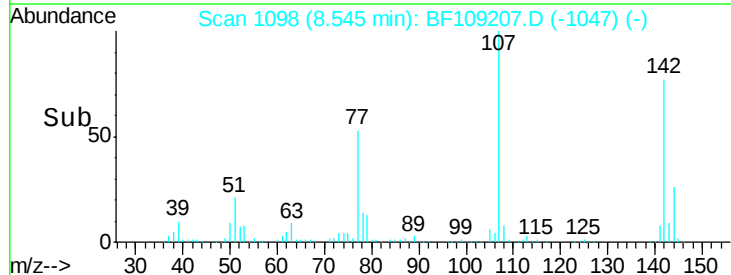
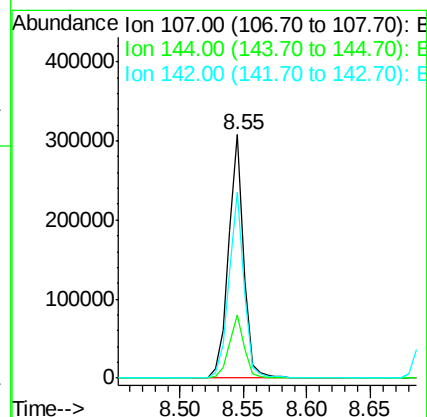
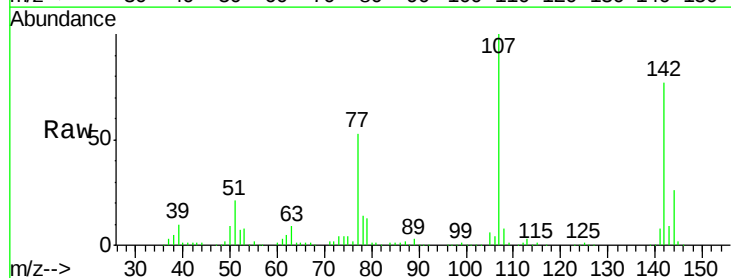
Instrument :
BNA_F
ClientSampleId :

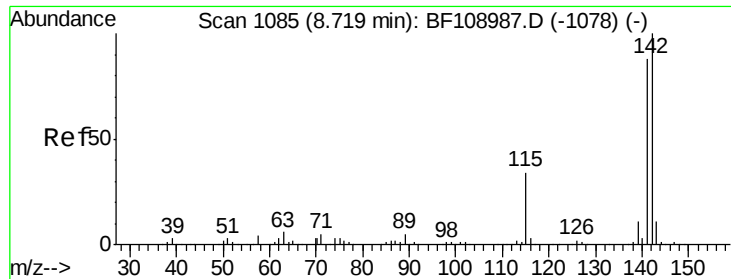
Tot Ion:113 Resp: 77466
Ion Ratio Lower Upper
113 100
55 164.4 163.3 203.3
56 123.7 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 39.32 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Tgt Ion:107 Resp: 256008
Ion Ratio Lower Upper
107 100
144 25.8 20.5 30.7
142 76.6 62.0 93.0

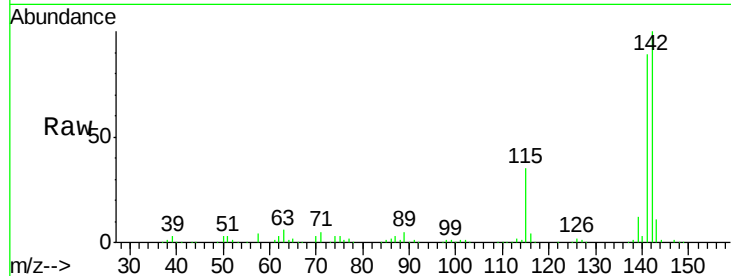




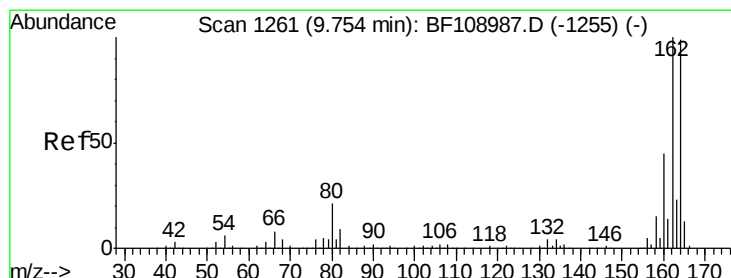
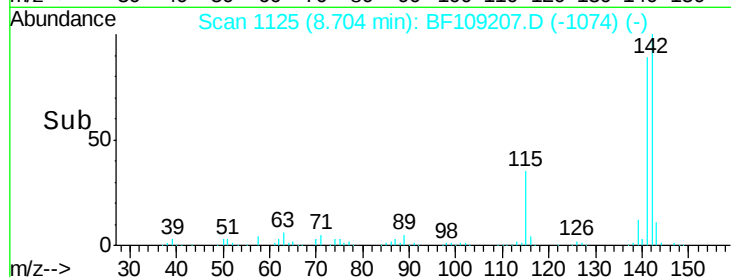
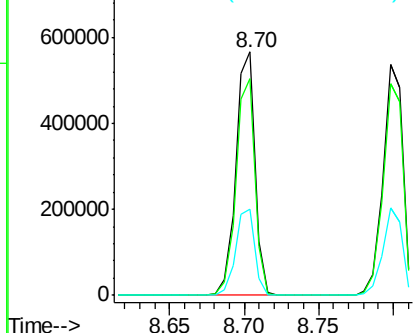
#37
2-Methylnaphthalene
Concen: 39.05 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	35.2	26.1	39.1

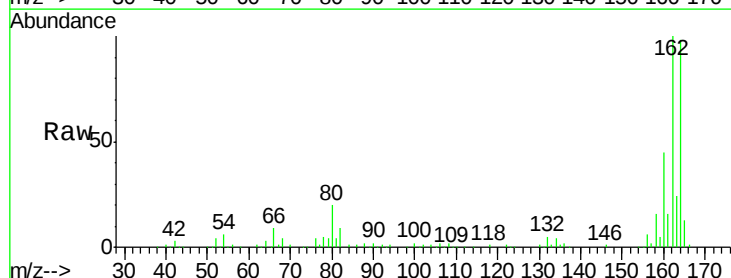


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

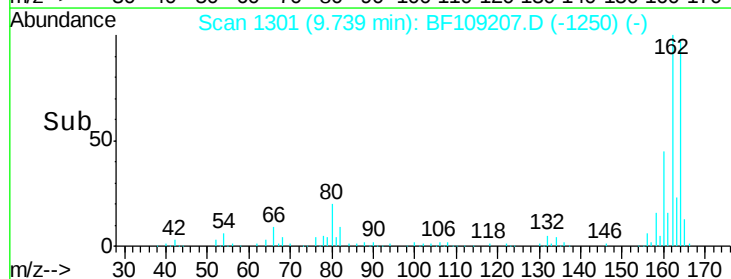
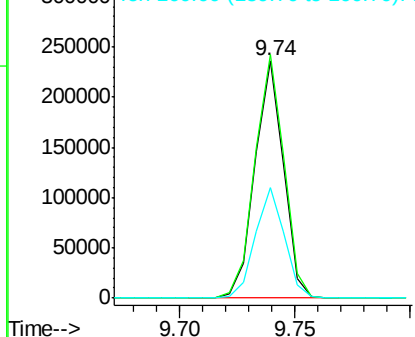


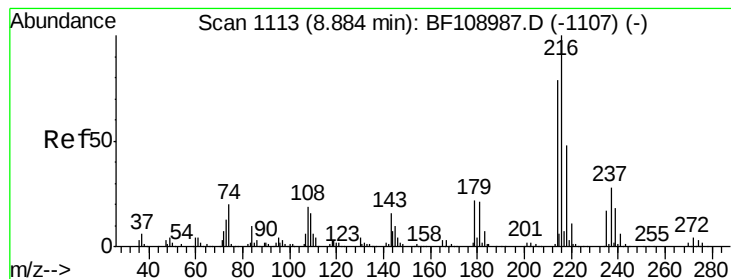
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	46.3	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.69 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 255235

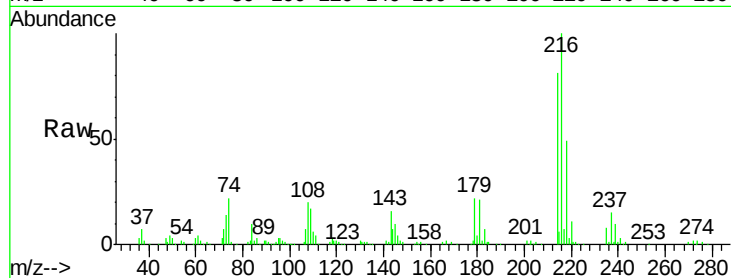
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 21.0 18.1 27.1

108 19.7 17.2 25.8

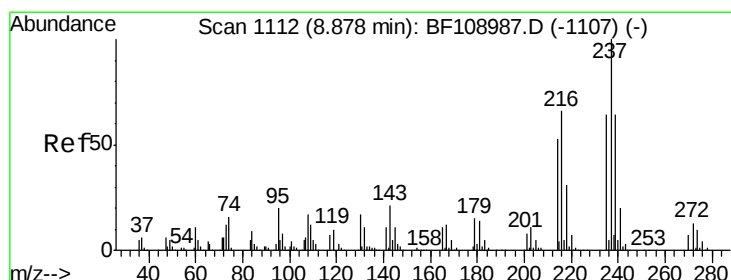
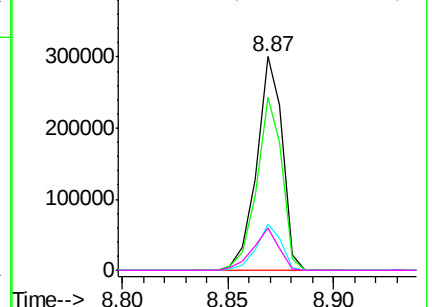
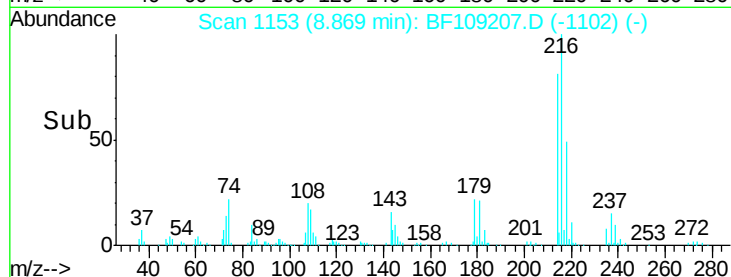


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.12 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

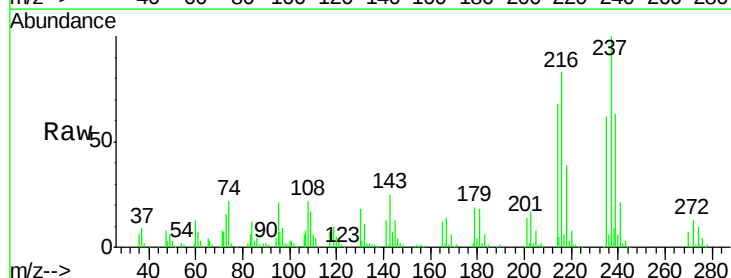
Tgt Ion:237 Resp: 117032

Ion Ratio Lower Upper

237 100

235 61.7 44.8 84.8

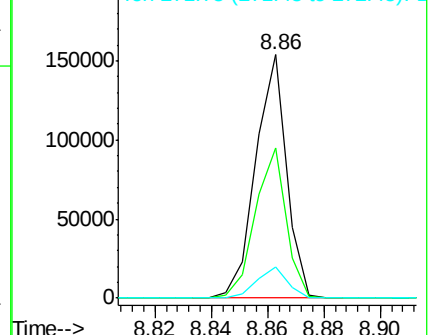
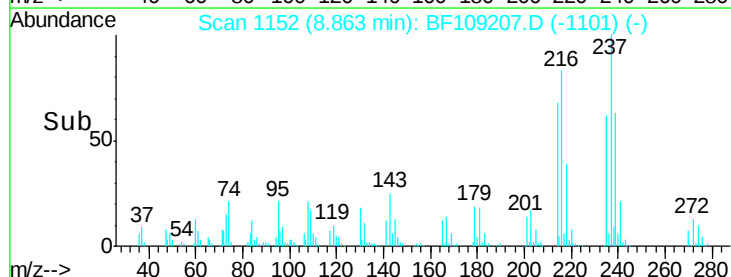
272 13.0 0.0 33.3

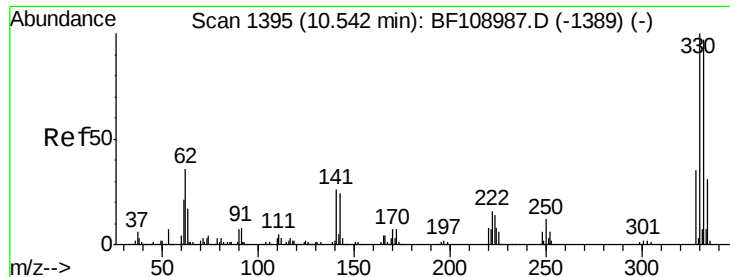


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

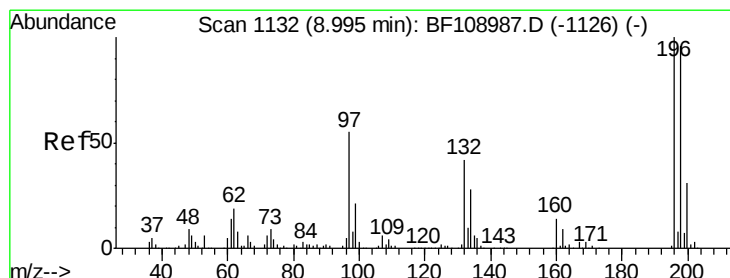
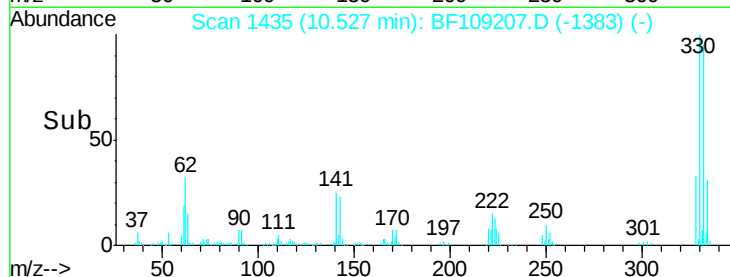
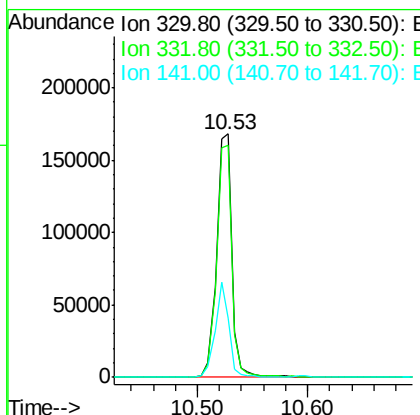
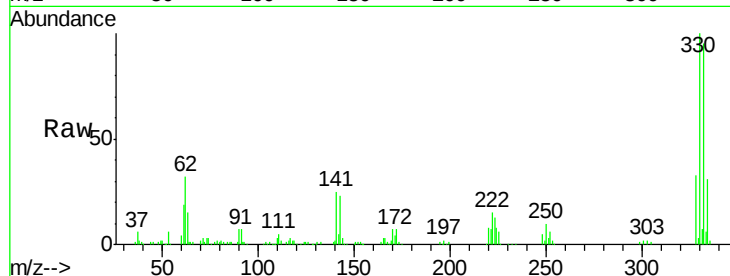




#41
 2,4,6-Tribromophenol
 Concen: 73.03 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

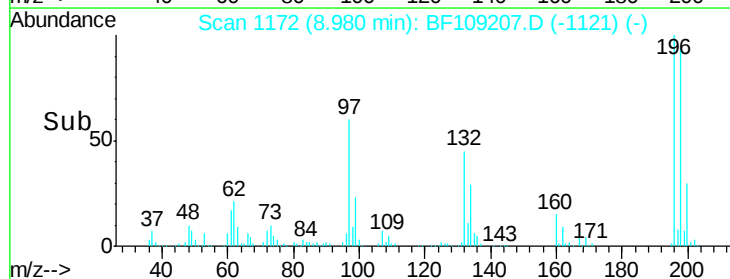
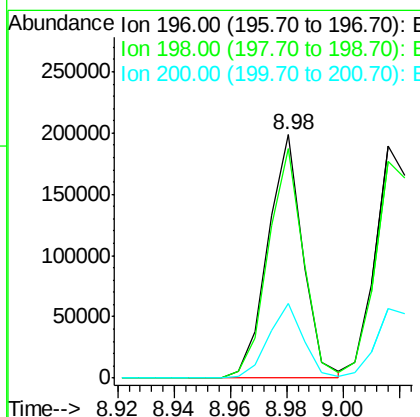
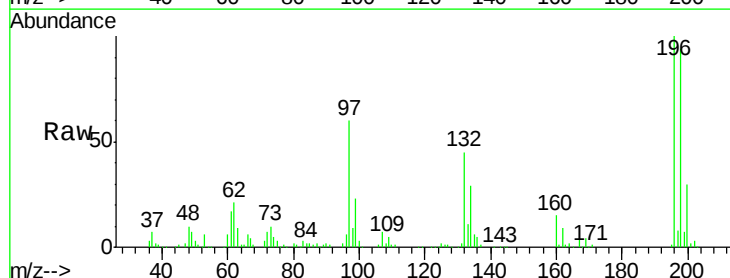
Instrument :
 BNA_F
 ClientSampleId :

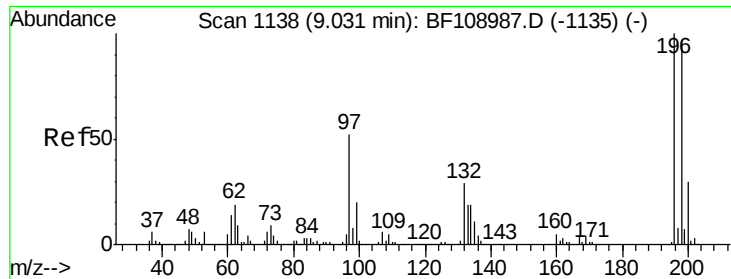
Tot Ion	330	Resp	161945
Ion Ratio	100		
Lower	77.0		
Upper	115.6		
332	95.8		
141	34.4		
	29.9		
	44.9		



#42
 2,4,6-Trichlorophenol
 Concen: 39.42 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

Tgt Ion	196	Resp	170419
Ion Ratio	100		
Lower	75.7		
Upper	113.5		
198	94.4		
200	30.4		
	24.5		
	36.7		

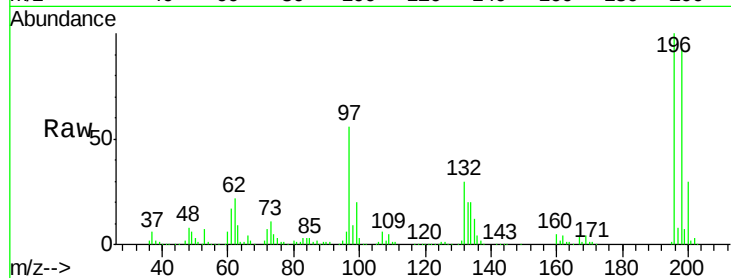




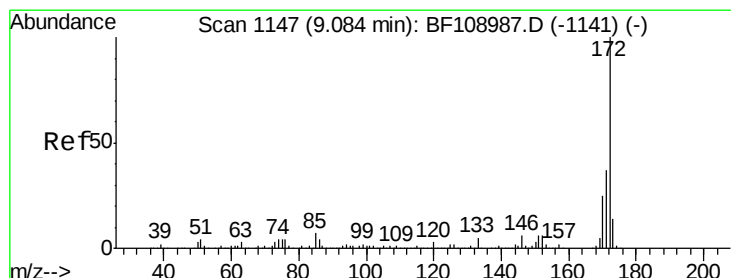
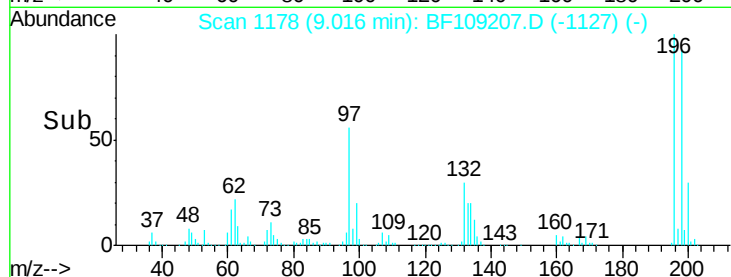
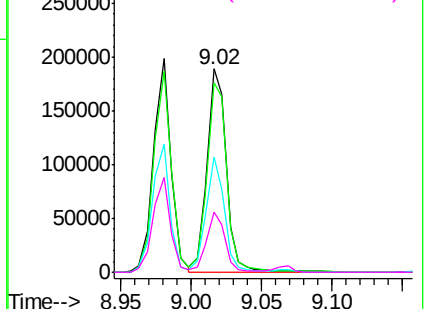
#43
 2,4,5-Trichlorophenol
 Concen: 39.70 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 179314
 Ion Ratio Lower Upper
 196 100
 198 93.3 74.6 112.0
 97 56.4 42.9 64.3
 132 29.6 26.3 39.5

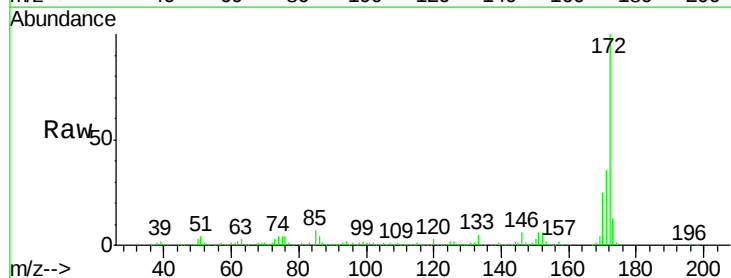


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

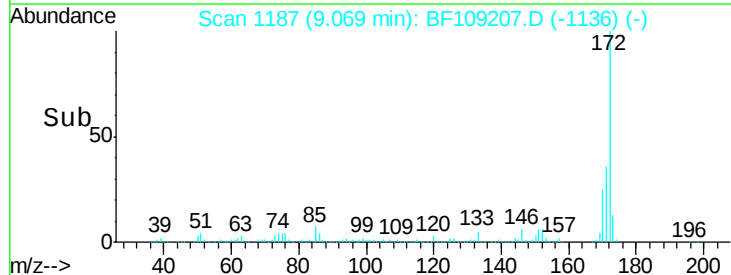
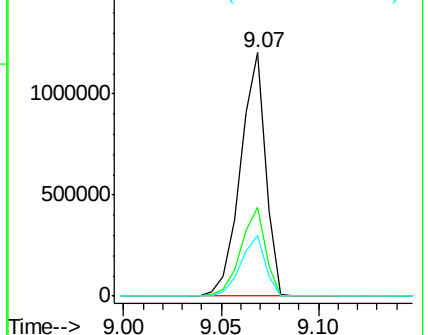


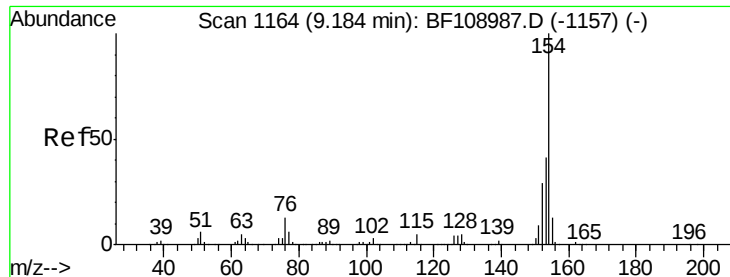
#44
 2-Fluorobiphenyl
 Concen: 82.23 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

Tgt Ion:172 Resp: 1072406
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.7 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 40.01 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

Instrument :

BNA_F

ClientSampleId :

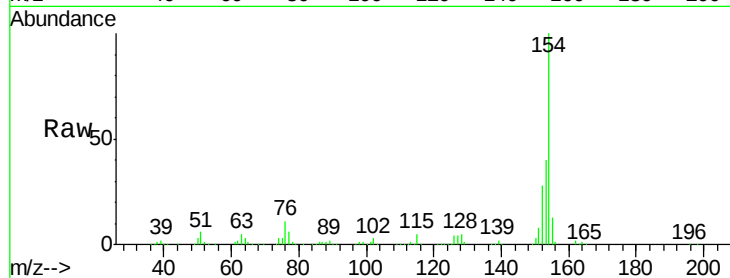
Tot Ion:154 Resp: 654045

Ion Ratio Lower Upper

154 100

153 40.2 21.3 61.3

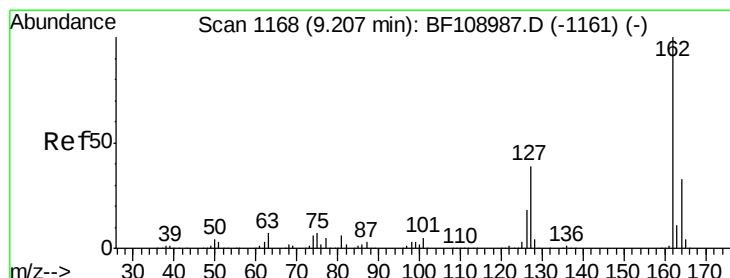
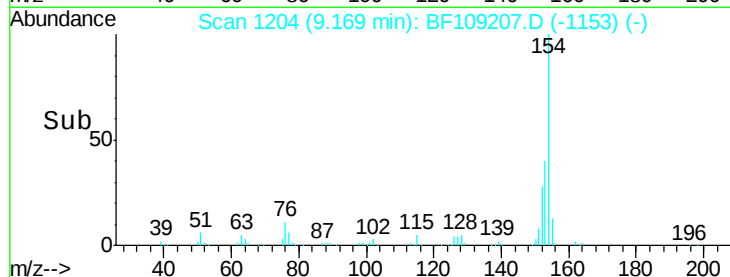
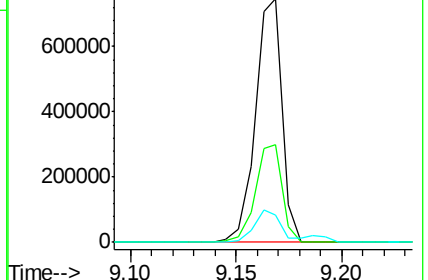
76 11.2 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 40.24 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

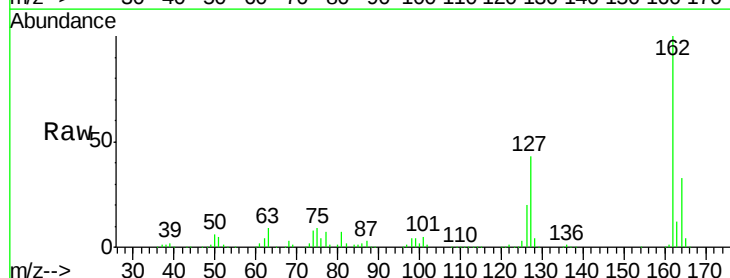
Tgt Ion:162 Resp: 526857

Ion Ratio Lower Upper

162 100

127 42.6 33.9 50.9

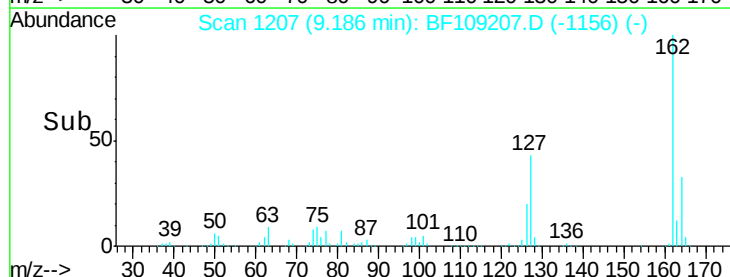
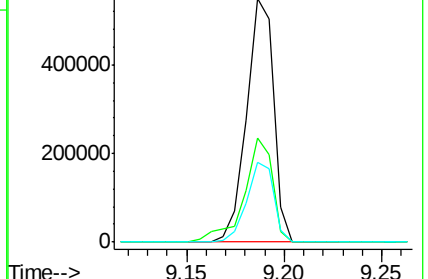
164 32.6 26.5 39.7

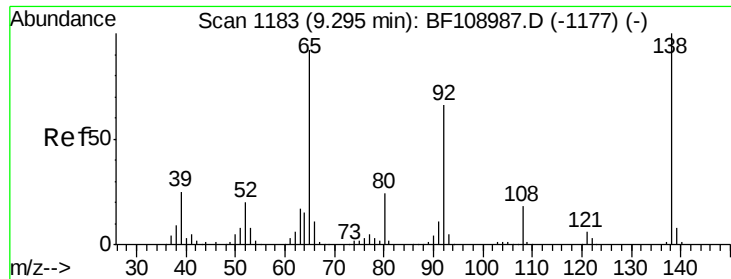


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

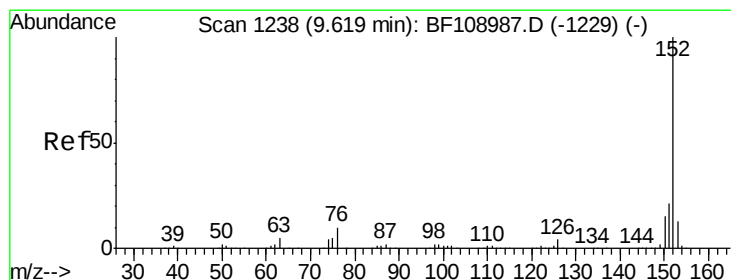
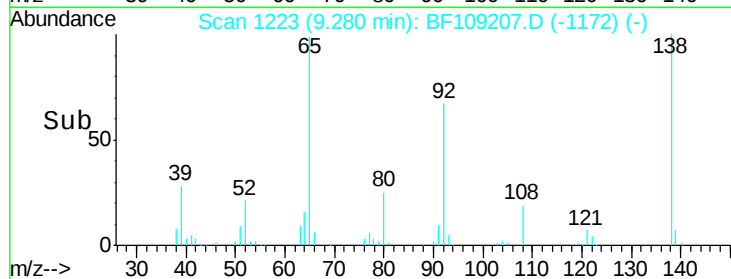
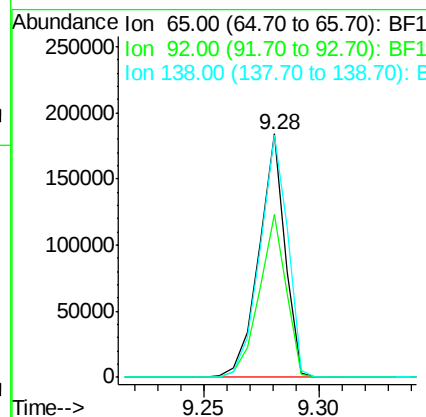
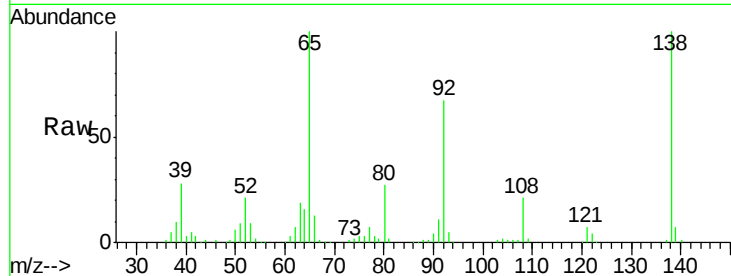




#47
 2-Nitroaniline
 Concen: 36.08 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

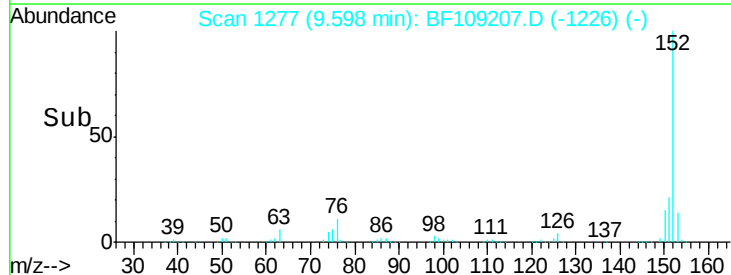
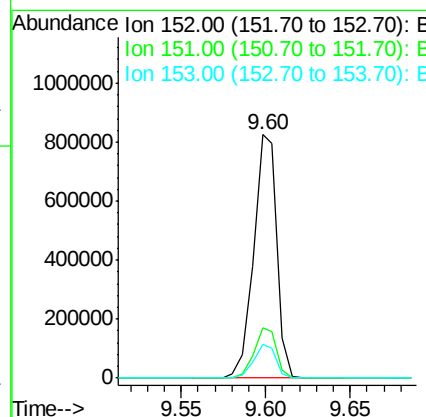
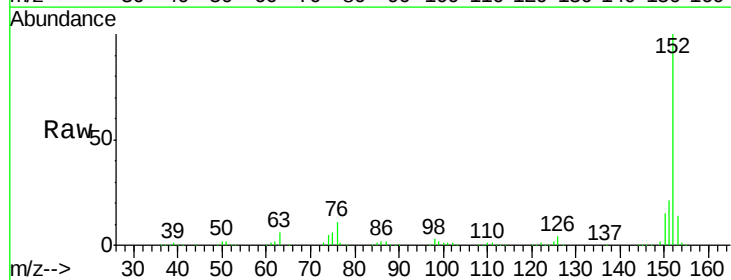
Instrument :
 BNA_F
 ClientSampleId :

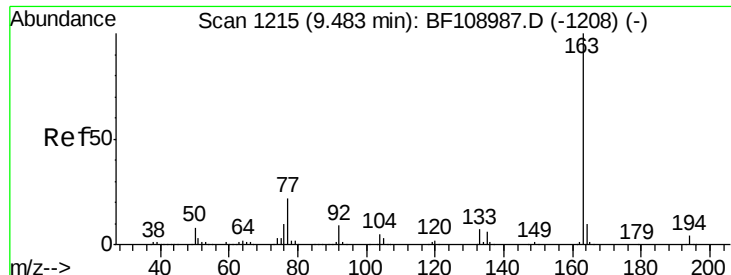
Tot Ion: 65 Resp: 145197
 Ion Ratio Lower Upper
 65 100
 92 66.7 55.8 83.6
 138 99.7 91.2 136.8



#48
 Acenaphthylene
 Concen: 40.01 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

Tgt Ion: 152 Resp: 789769
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.3 24.5
 153 13.8 10.7 16.1

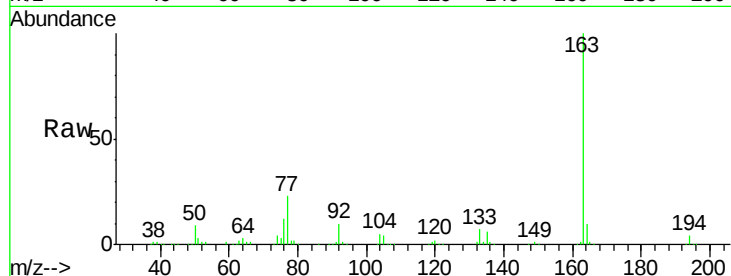




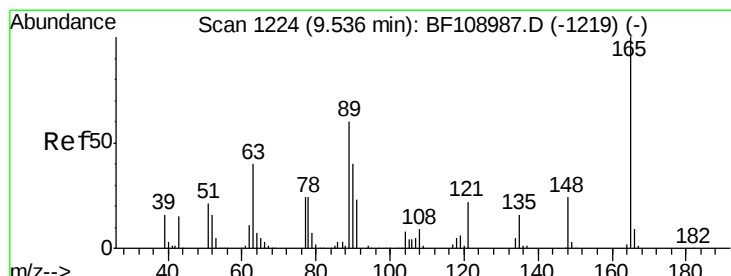
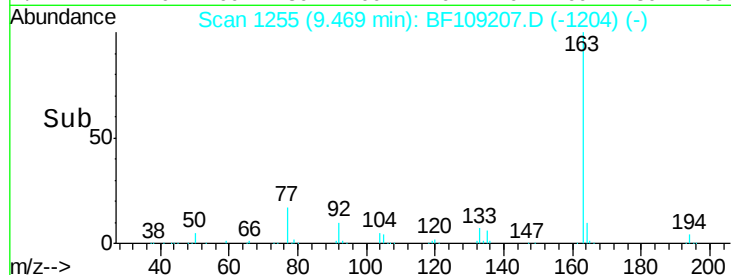
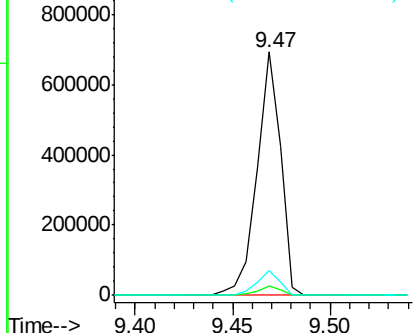
#49
Dimethylphthalate
Concen: 39.71 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 579926
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.1 8.2 12.2

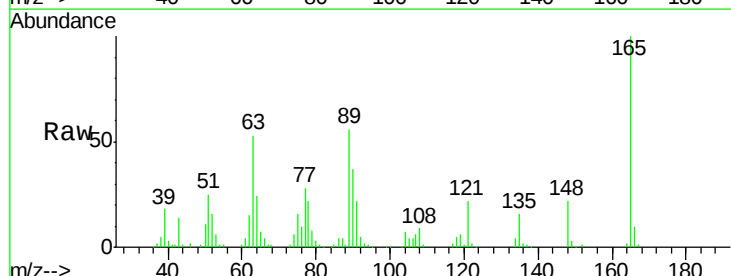


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

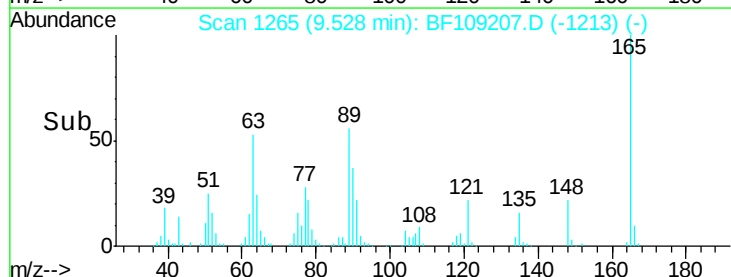
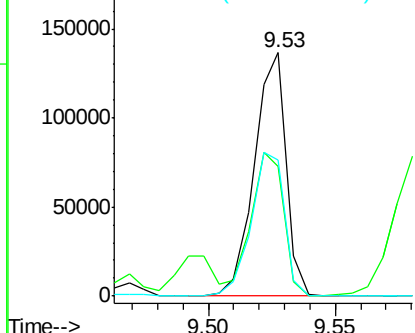


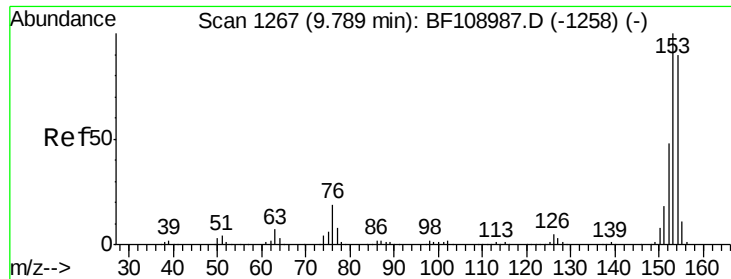
#50
2,6-Dinitrotoluene
Concen: 36.67 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Tgt Ion:165 Resp: 118770
Ion Ratio Lower Upper
165 100
63 53.2 44.7 67.1
89 55.7 44.0 66.0



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





#51

Acenaphthene

Concen: 39.01 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

Instrument :

BNA_F

ClientSampleId :

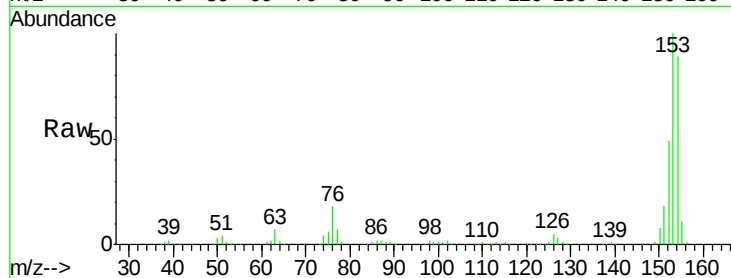
Tot Ion:154 Resp: 479452

Ion Ratio Lower Upper

154 100

153 112.3 91.2 136.8

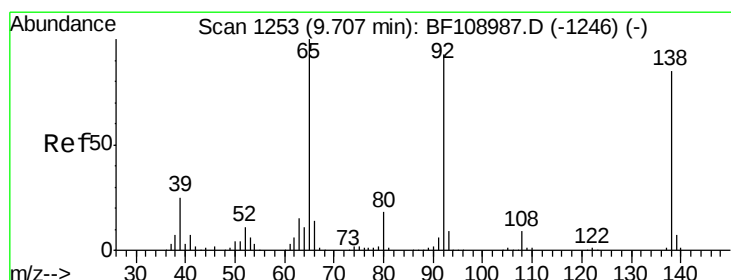
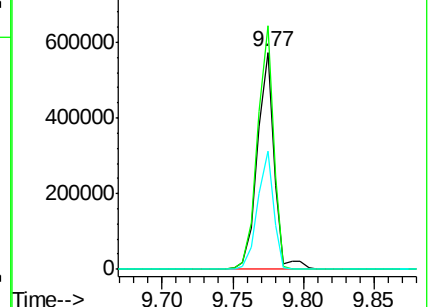
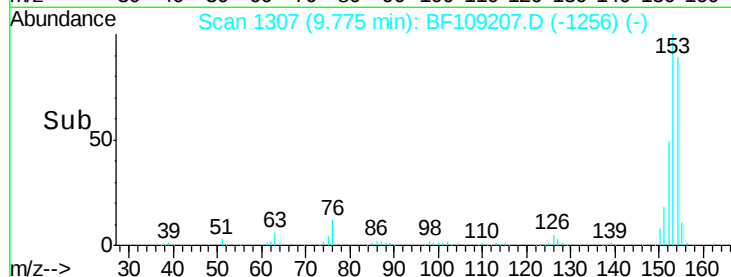
152 54.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.41 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

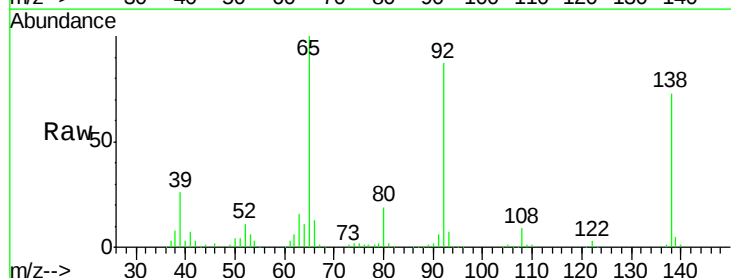
Tgt Ion:138 Resp: 138855

Ion Ratio Lower Upper

138 100

108 12.8 9.4 14.0

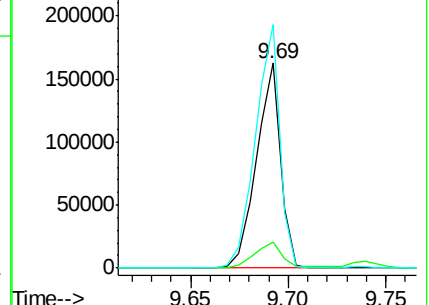
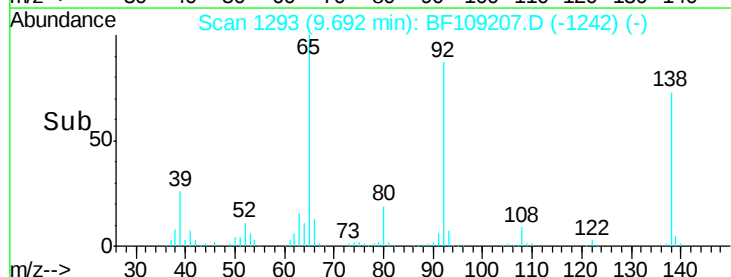
92 119.0 89.4 134.2

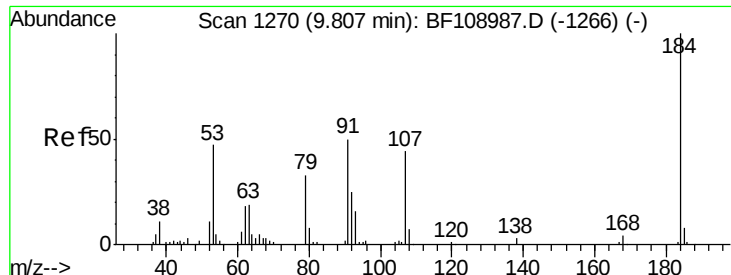


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

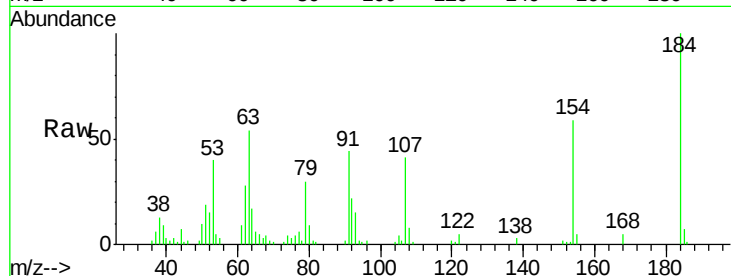




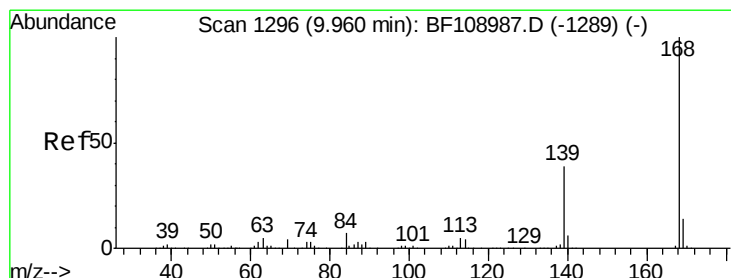
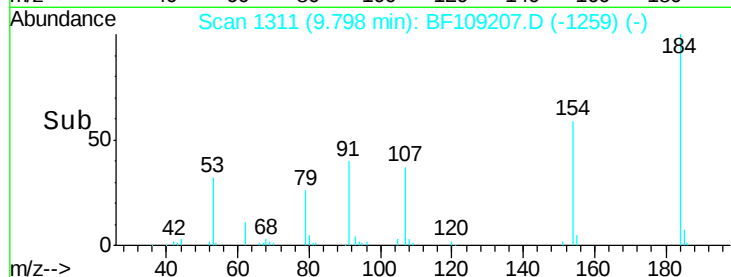
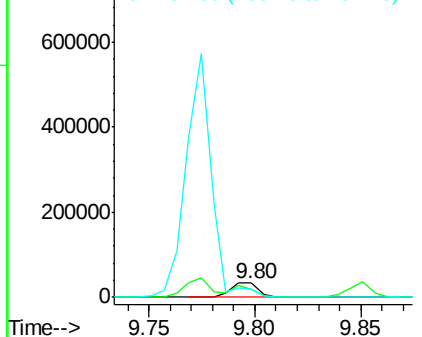
#53
2,4-Dinitrophenol
Concen: 24.31 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 30342
Ion Ratio Lower Upper
184 100
63 53.8 54.2 81.2#
154 58.7 184.0 276.0#

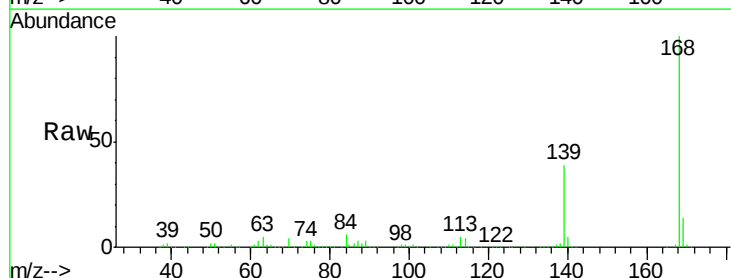


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

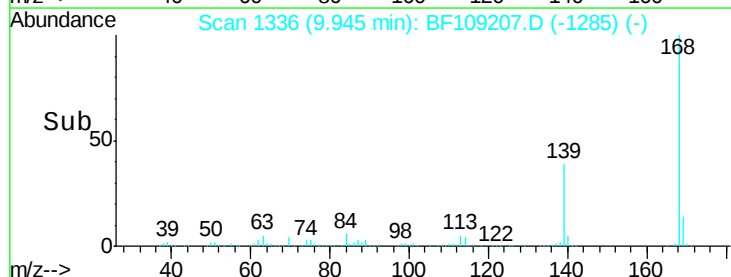
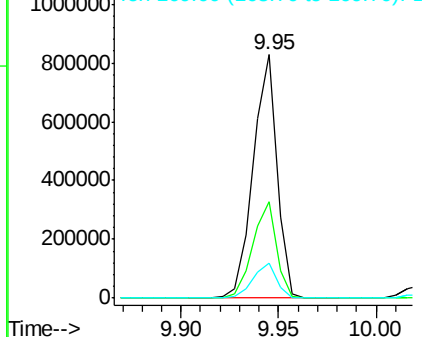


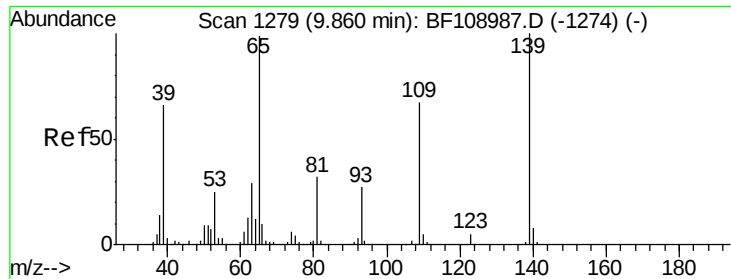
#54
Dibenzofuran
Concen: 39.42 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Tgt Ion:168 Resp: 700148
Ion Ratio Lower Upper
168 100
139 39.5 30.1 45.1
169 14.5 10.9 16.3



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

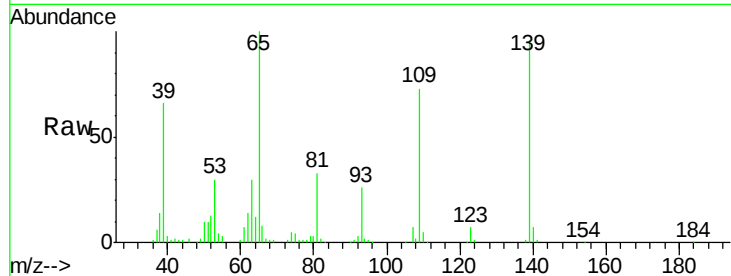




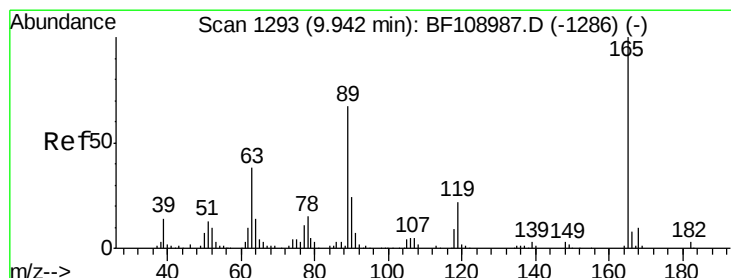
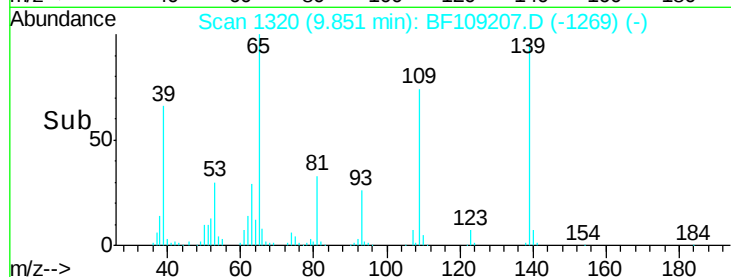
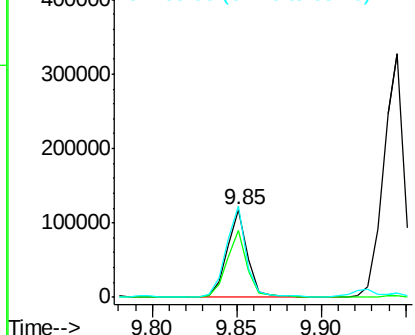
#55
4-Nitrophenol
Concen: 35.03 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 98426
Ion Ratio Lower Upper
139 100
109 76.6 48.4 88.4
65 104.4 72.6 112.6

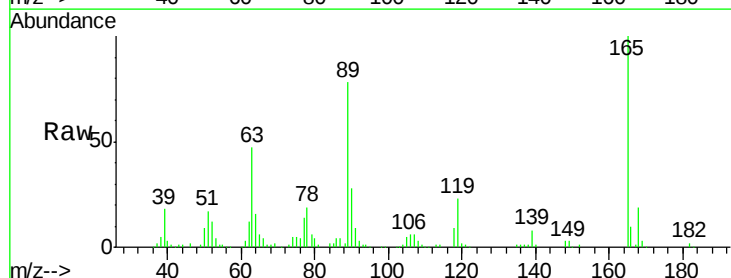


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

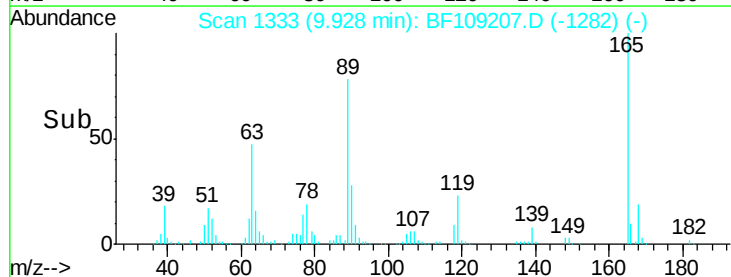
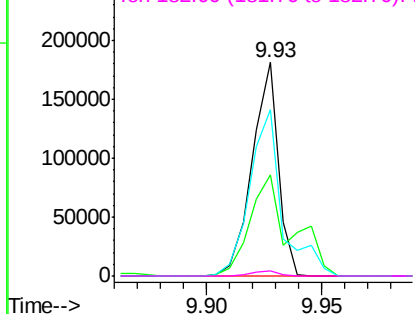


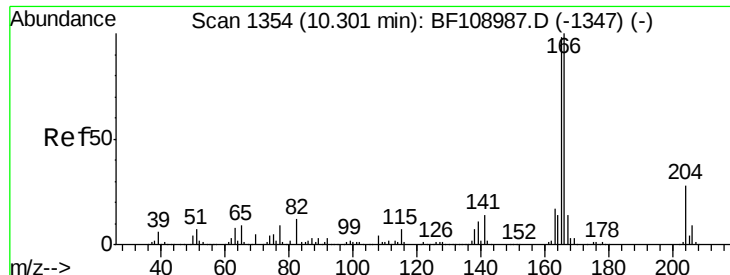
#56
2,4-Dinitrotoluene
Concen: 33.93 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Tgt Ion:165 Resp: 143713
Ion Ratio Lower Upper
165 100
63 47.1 36.4 54.6
89 78.1 57.8 86.6
182 2.4 1.6 2.4



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





#57

Fluorene

Concen: 41.38 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

Instrument :

BNA_F

ClientSampleId :

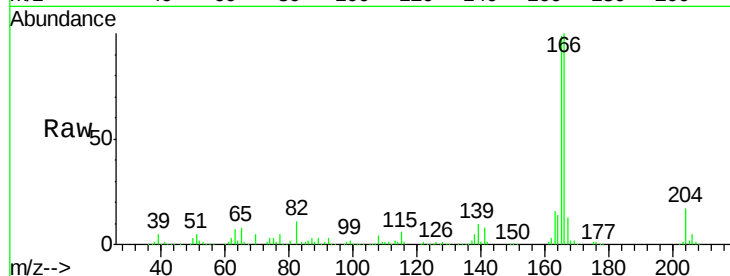
Tot Ion:166 Resp: 489834

Ion Ratio Lower Upper

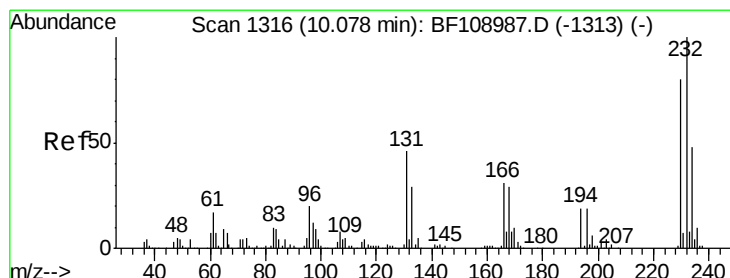
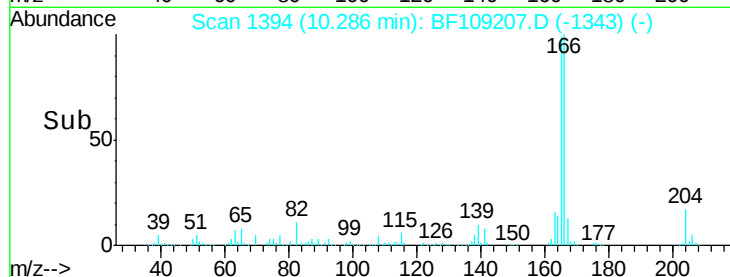
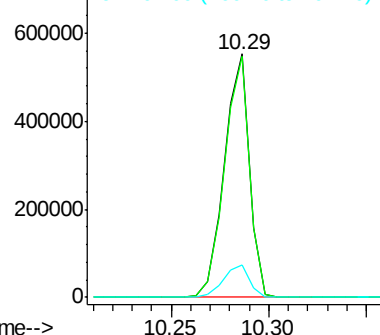
166 100

165 99.0 79.8 119.8

167 13.2 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.99 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

Tgt Ion:232 Resp: 142112

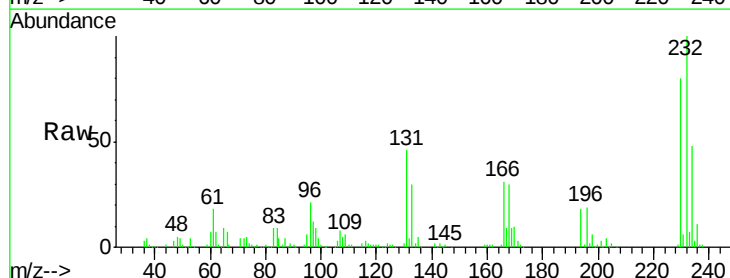
Ion Ratio Lower Upper

232 100

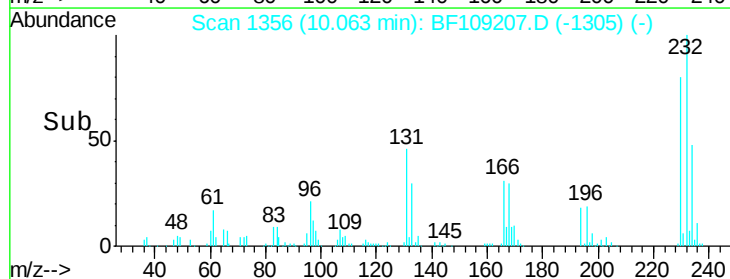
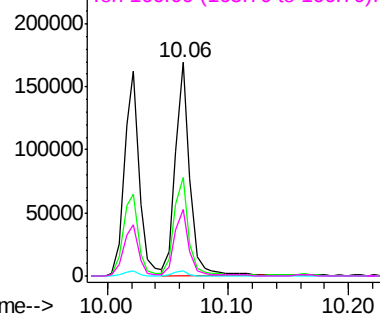
131 47.5 43.8 65.8

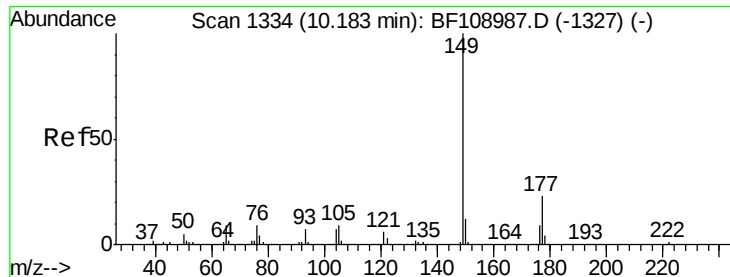
130 2.4 2.1 3.1

166 32.0 27.8 41.6



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

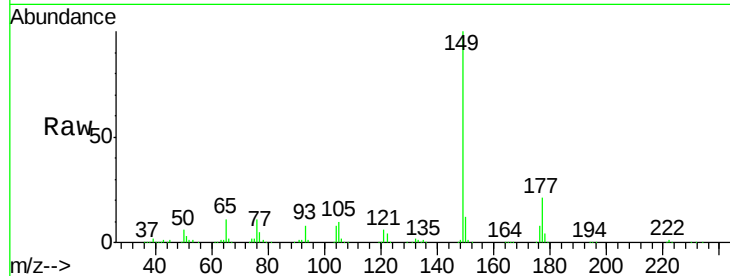




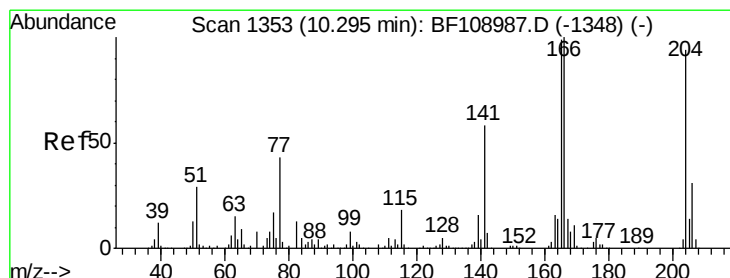
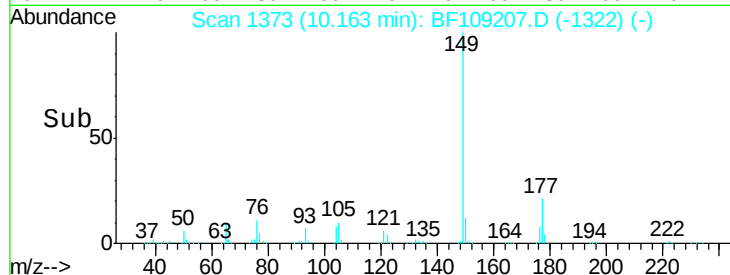
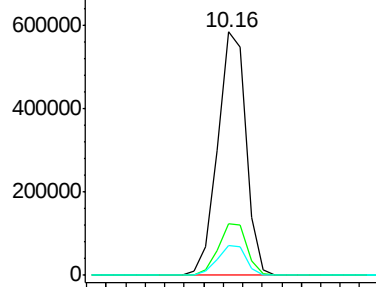
#59
Diethylphthalate
Concen: 39.92 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.1	24.1
150	12.4	10.1	15.1

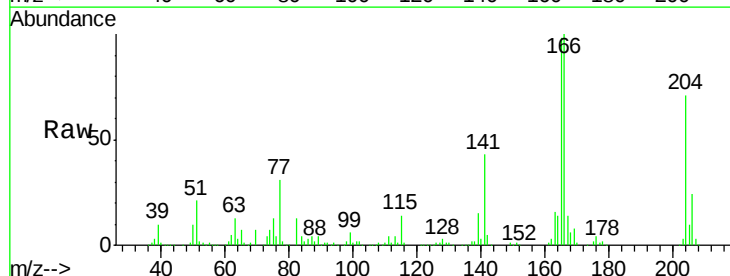


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

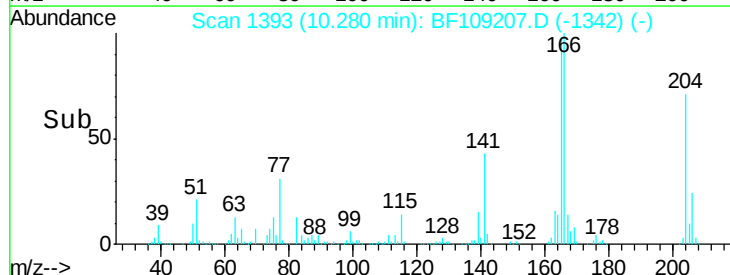
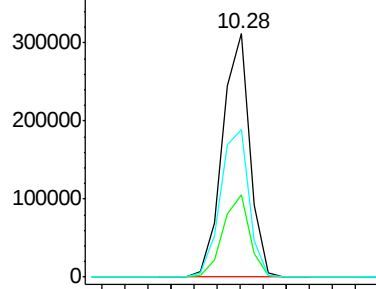


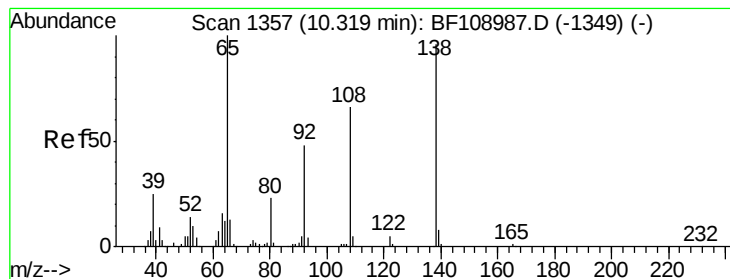
#60
4-Chlorophenyl-phenylether
Concen: 40.74 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.5	39.7
141	60.6	54.6	81.8



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





#61

4-Nitroaniline

Concen: 37.69 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

Instrument :

BNA_F

ClientSampleId :

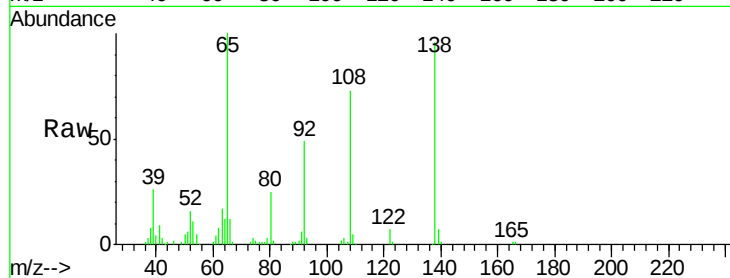
Tot Ion:138 Resp: 136562

Ion Ratio Lower Upper

138 100

92 50.7 30.2 70.2

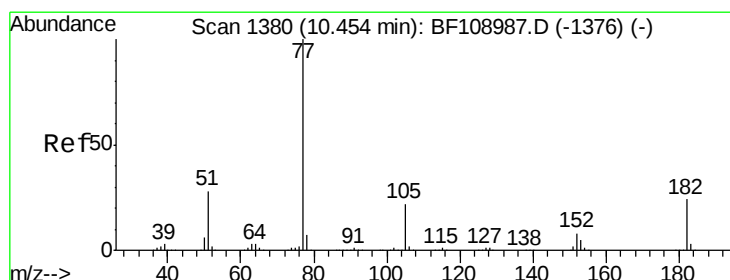
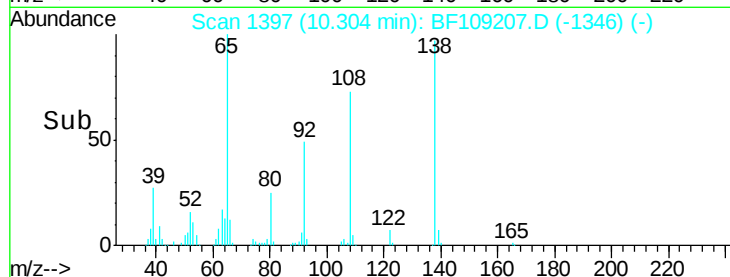
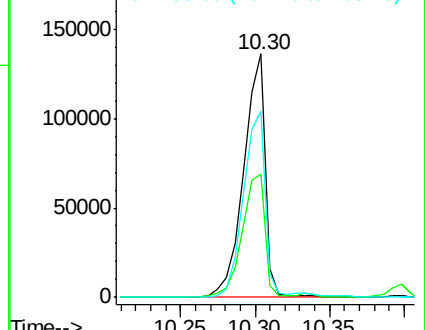
108 76.2 52.5 92.5



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



#62

Azobenzene

Concen: 40.58 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

Tgt Ion: 77 Resp: 612619

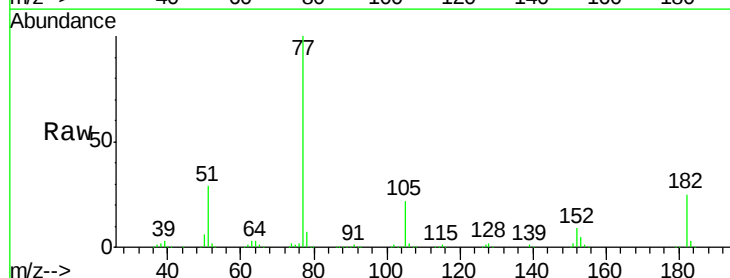
Ion Ratio Lower Upper

77 100

182 24.9 1.7 41.7

105 21.9 3.0 43.0

51 28.8 9.9 49.9

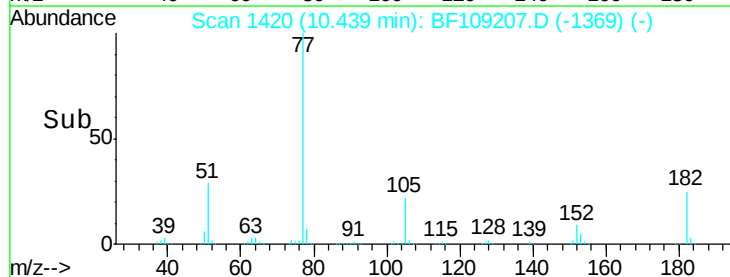
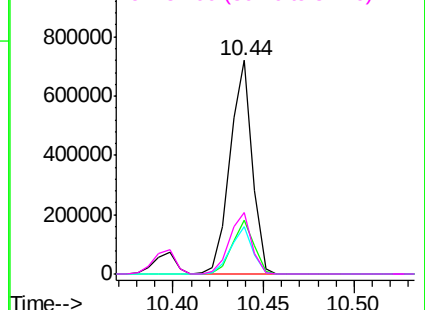


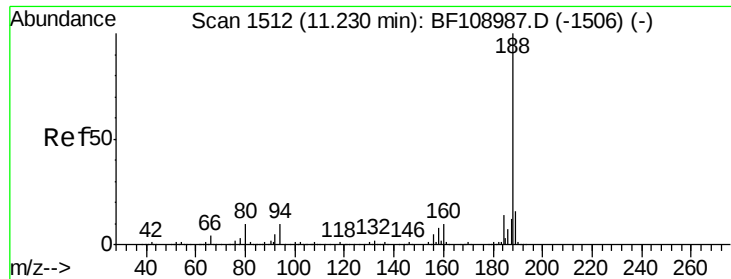
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

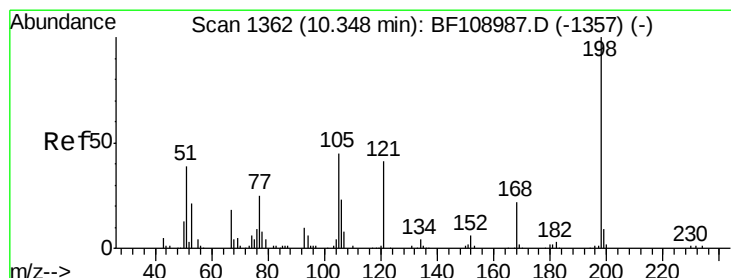
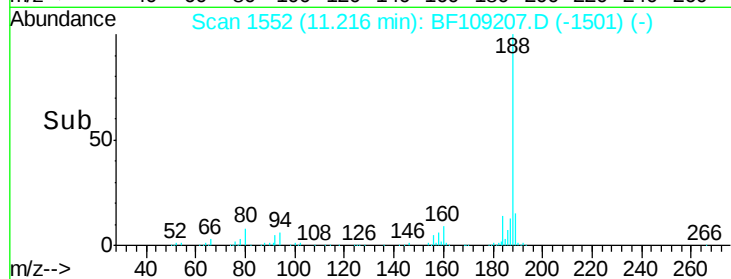
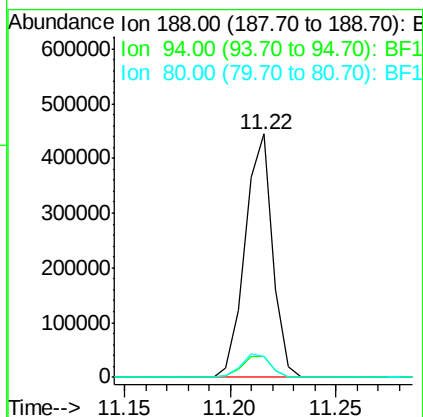
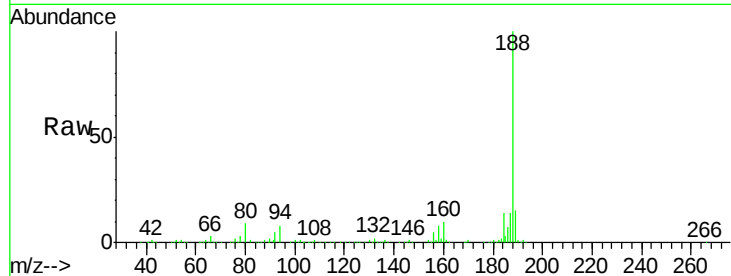




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

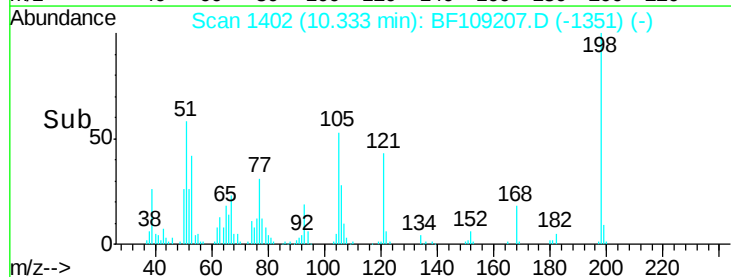
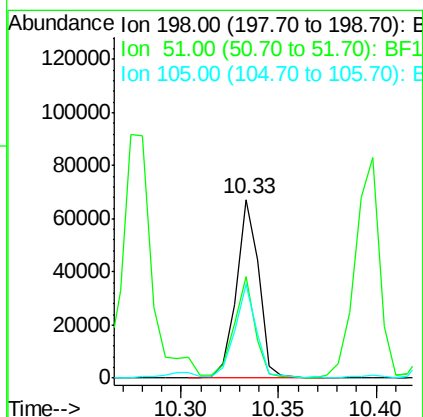
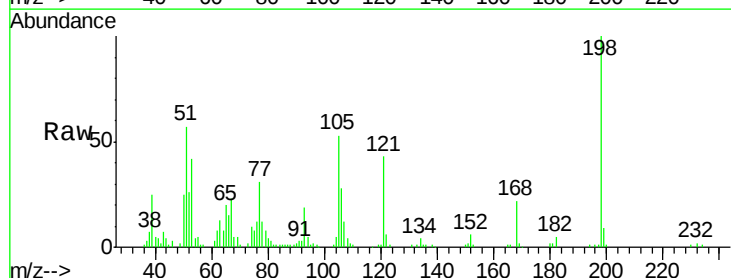
Instrument :
BNA_F
ClientSampled :

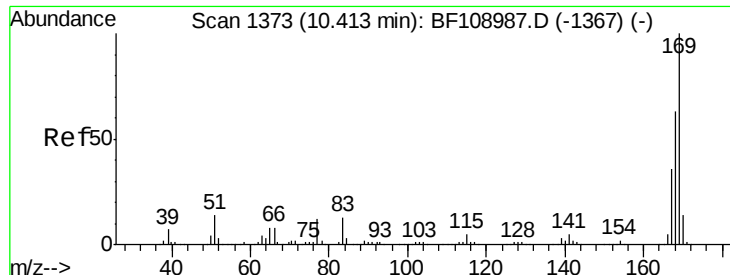
Tot Ion:188 Resp: 400289
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 8.7 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 27.95 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Tgt Ion:198 Resp: 53533
Ion Ratio Lower Upper
198 100
51 56.7 37.7 77.7
105 52.6 36.3 76.3

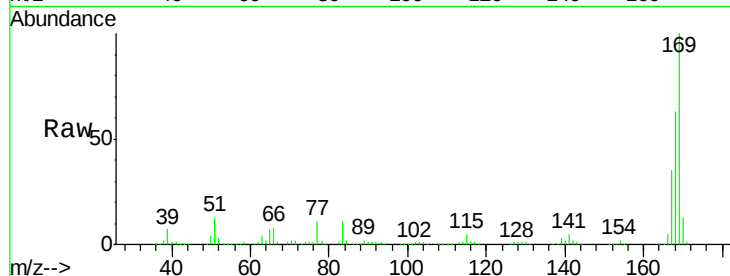




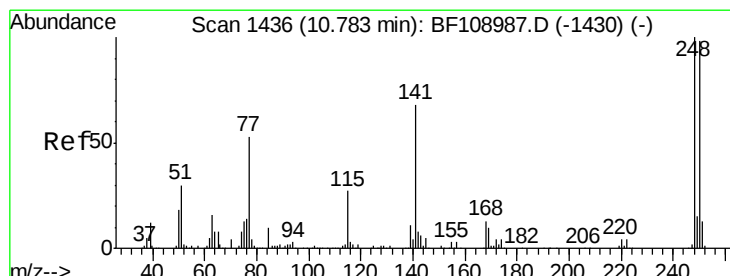
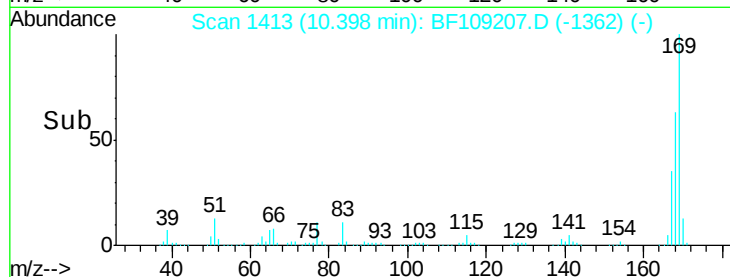
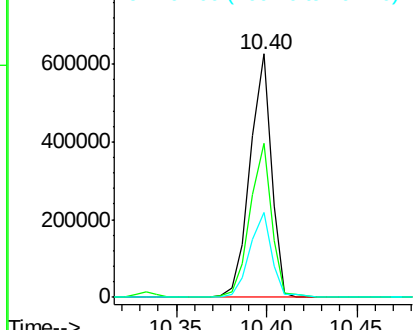
#65
 n-Nitrosodiphenylamine
 Concen: 39.38 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.2	54.4	81.6
167	34.7	29.8	44.6

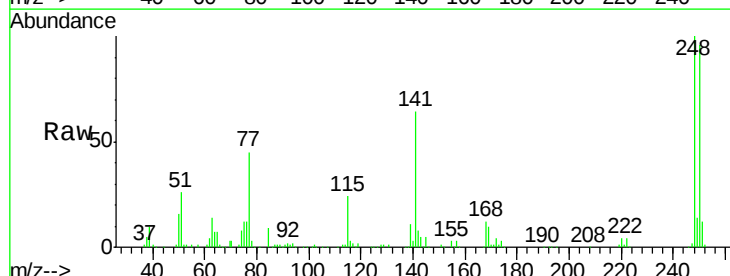


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

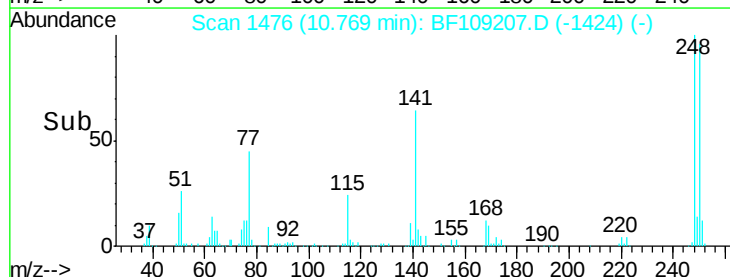
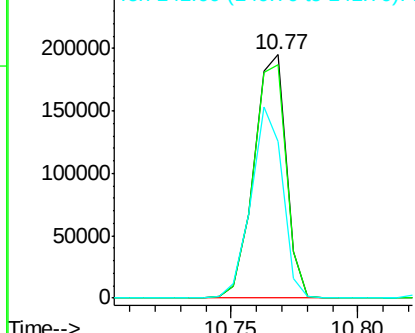


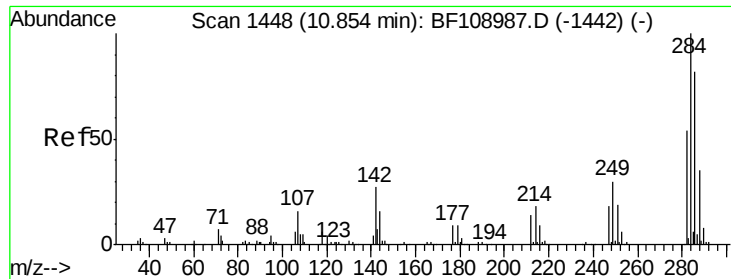
#66
 4-Bromophenyl-phenylether
 Concen: 38.60 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.9	115.3
141	64.4	74.4	111.6#



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

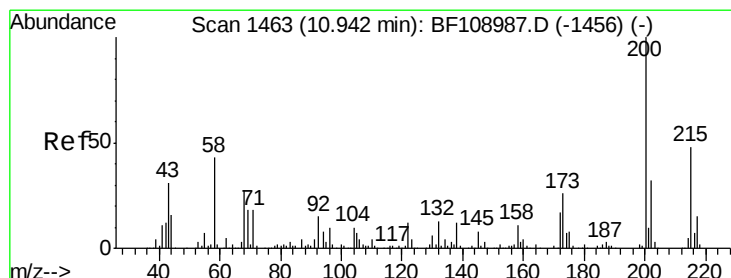
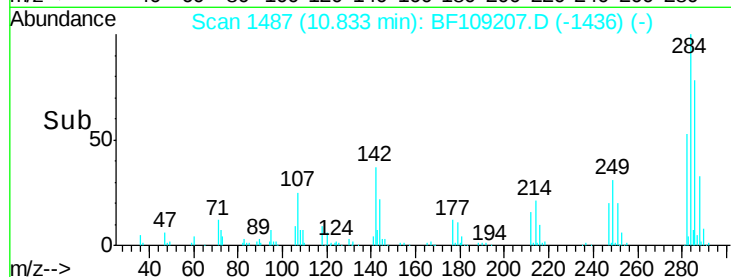
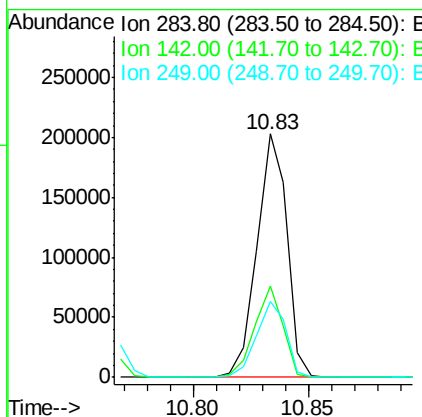
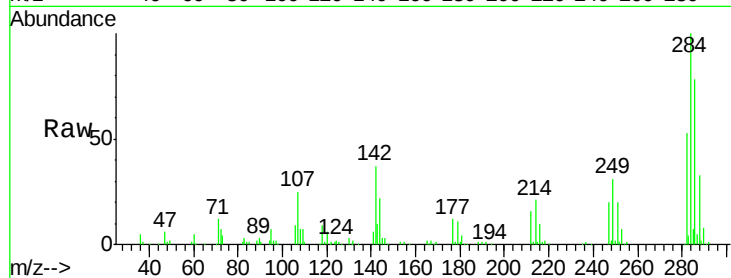




#67
Hexachlorobenzene
Concen: 38.06 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

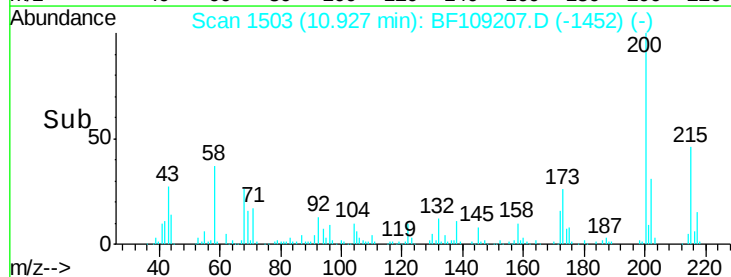
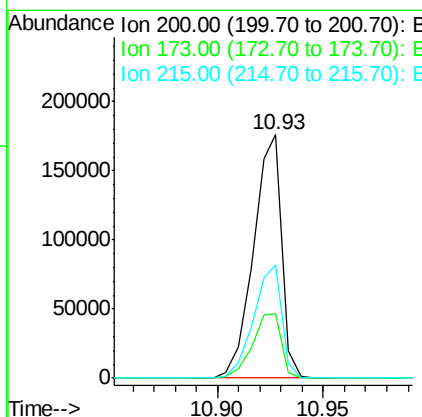
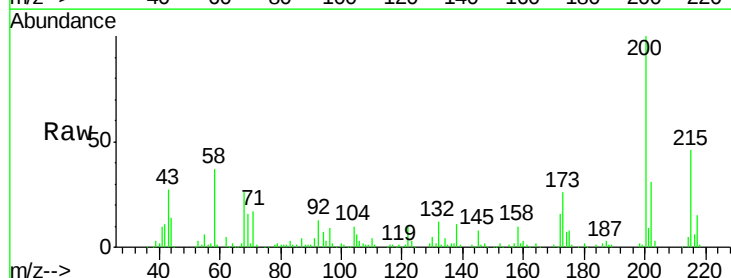
Instrument :
BNA_F
ClientSampled :

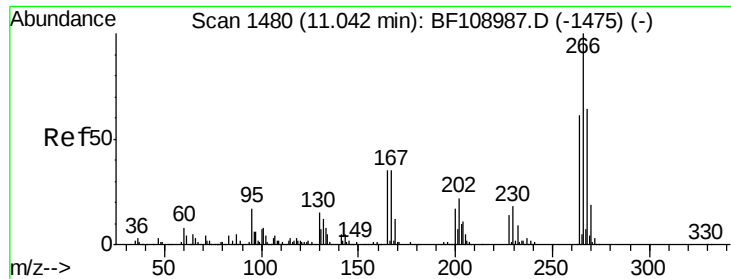
Tot Ion:284 Resp: 183713
Ion Ratio Lower Upper
284 100
142 37.5 34.6 52.0
249 31.2 24.8 37.2



#68
Atrazine
Concen: 38.88 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Tgt Ion:200 Resp: 162982
Ion Ratio Lower Upper
200 100
173 26.3 8.6 48.6
215 46.3 25.1 65.1

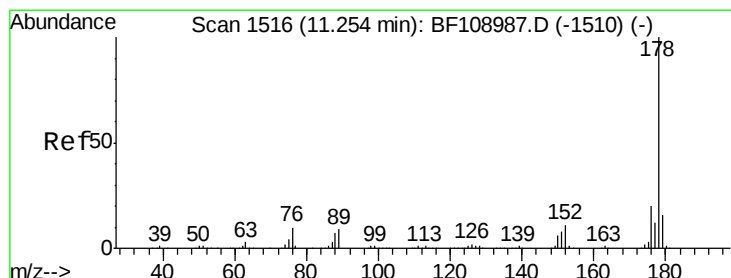
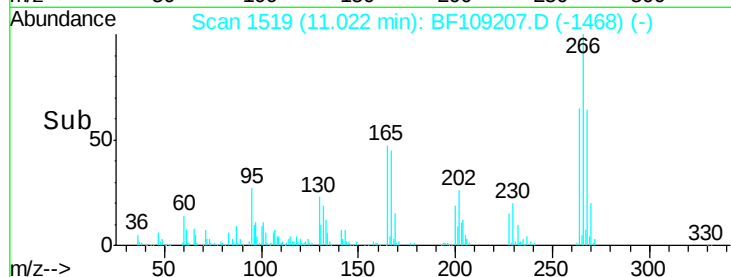
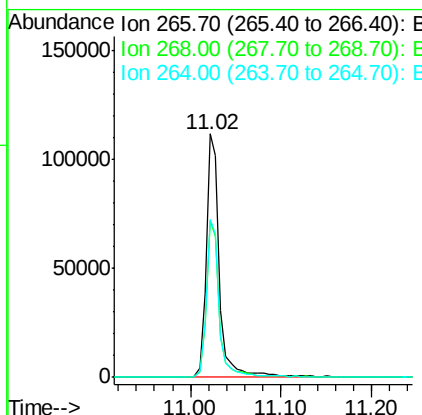
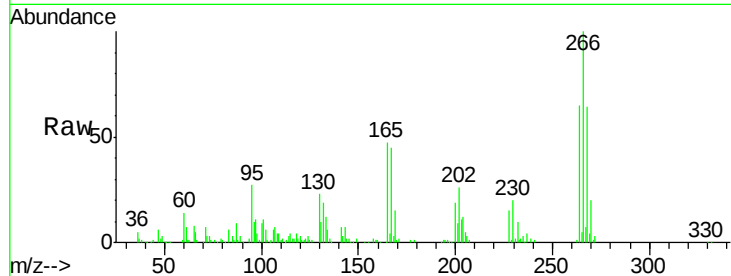




#69
 Pentachlorophenol
 Concen: 37.34 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

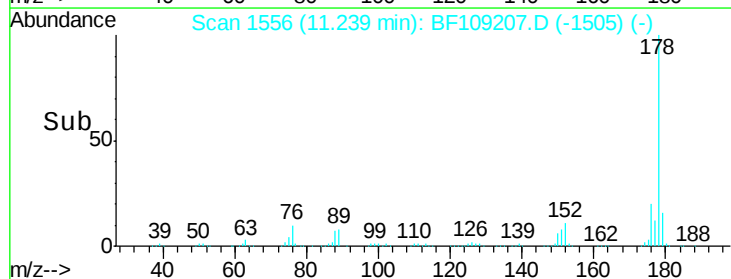
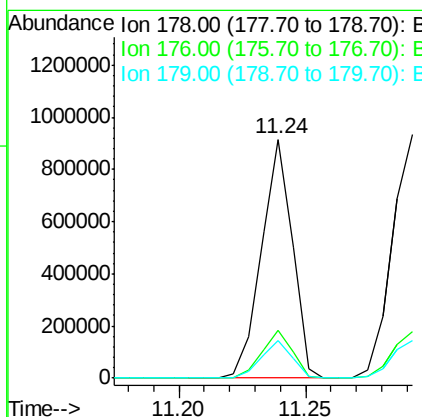
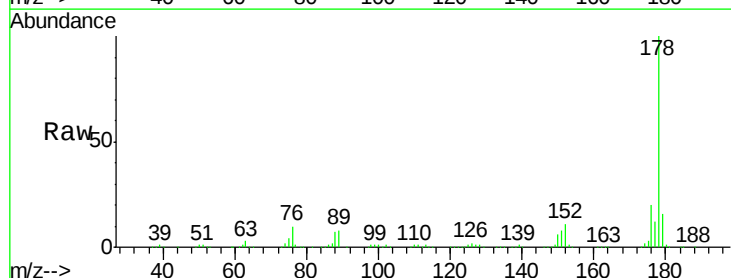
Instrument :
 BNA_F
 ClientSampled :

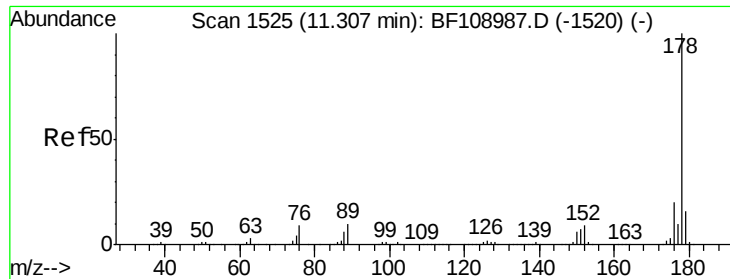
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.1	76.7
264	64.6	49.5	74.3



#70
 Phenanthrene
 Concen: 39.44 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.9	13.0	19.6

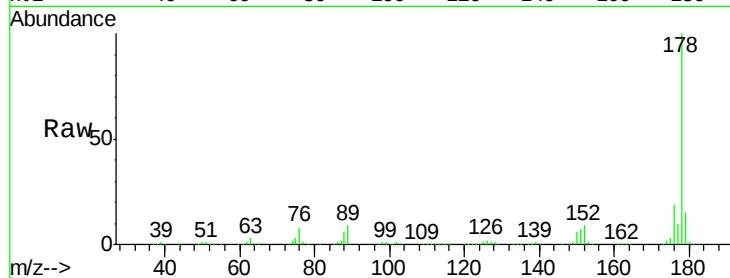




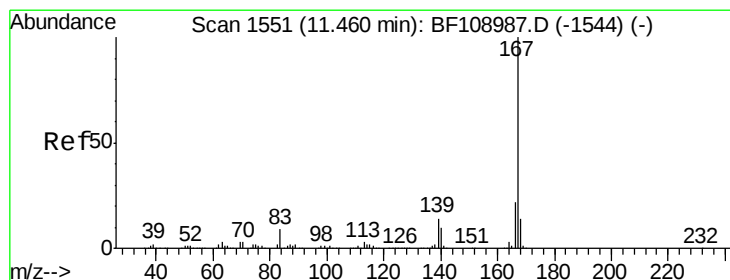
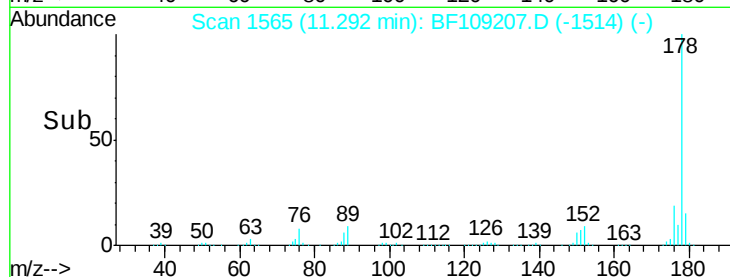
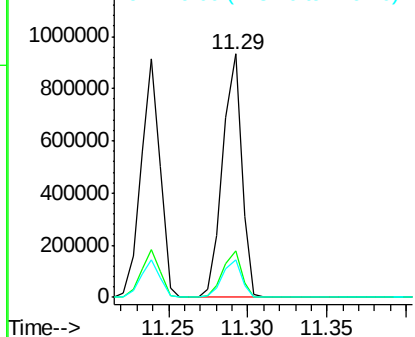
#71
 Anthracene
 Concen: 39.59 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 787514
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.5 12.6 19.0

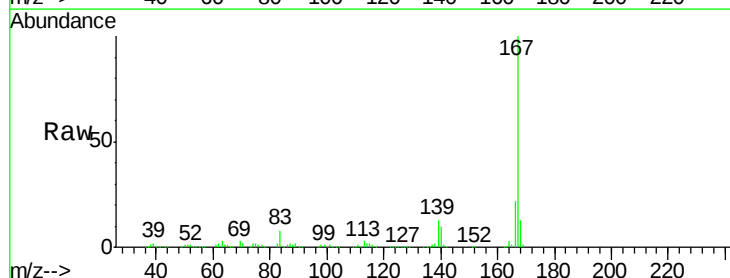


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

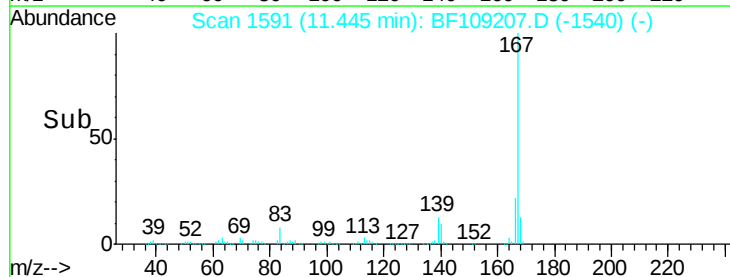
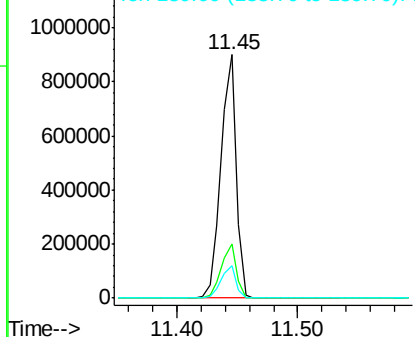


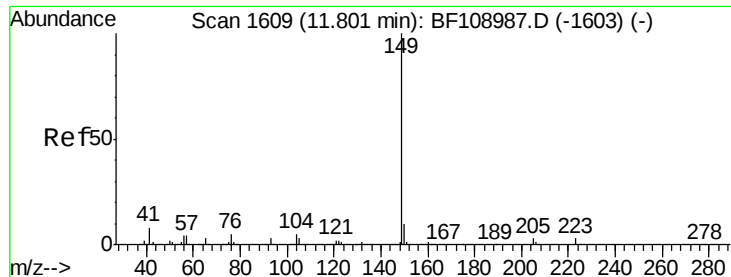
#72
 Carbazole
 Concen: 39.70 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

Tgt Ion:167 Resp: 781748
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.58 ng

RT: 11.79 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

Instrument :

BNA_F

ClientSampled :

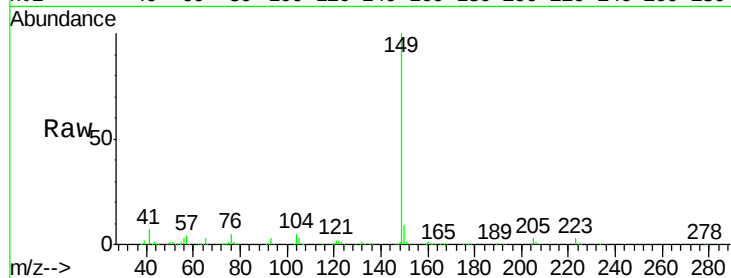
Tot Ion:149 Resp: 912342

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

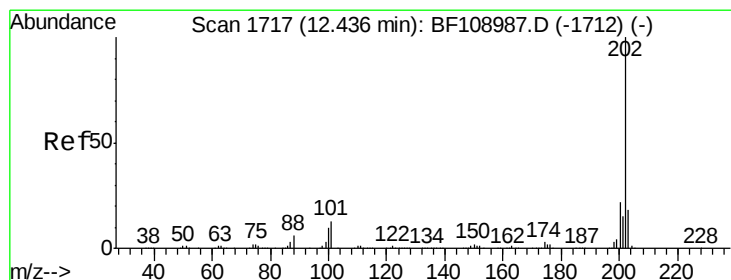
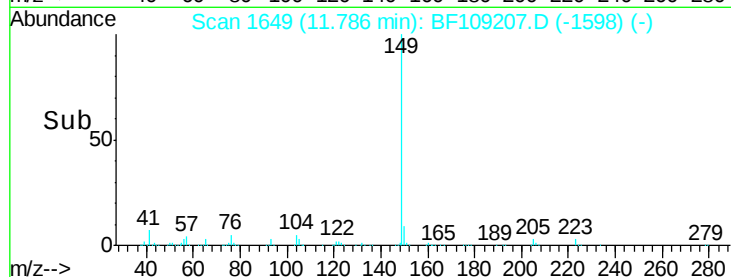
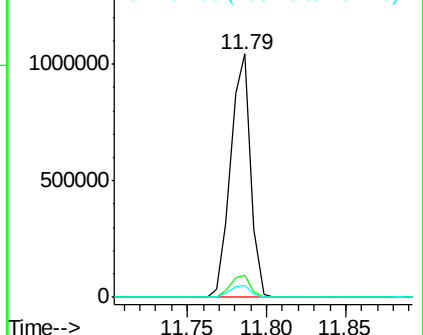
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.70 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

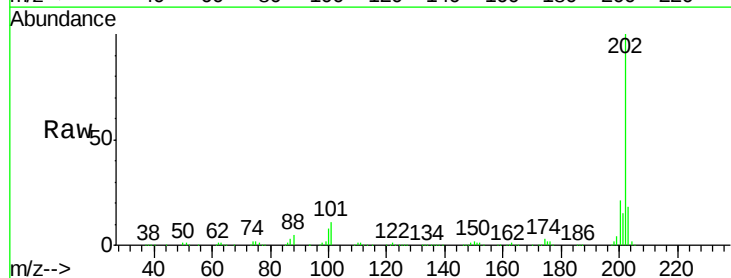
Tgt Ion:202 Resp: 822402

Ion Ratio Lower Upper

202 100

101 11.2 0.0 34.1

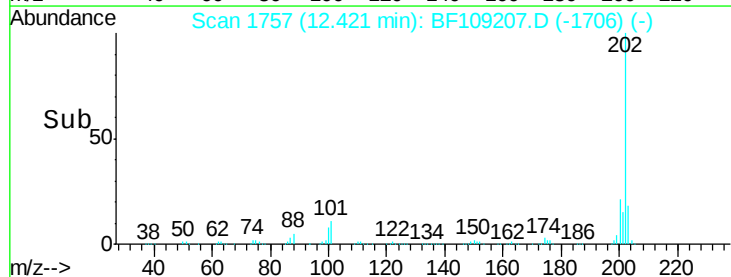
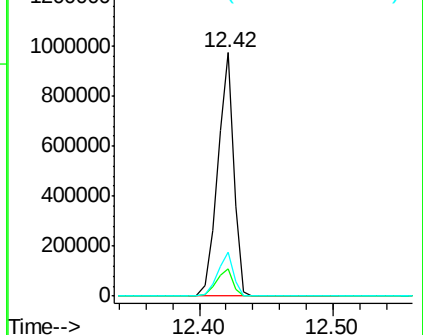
203 17.9 0.0 38.1

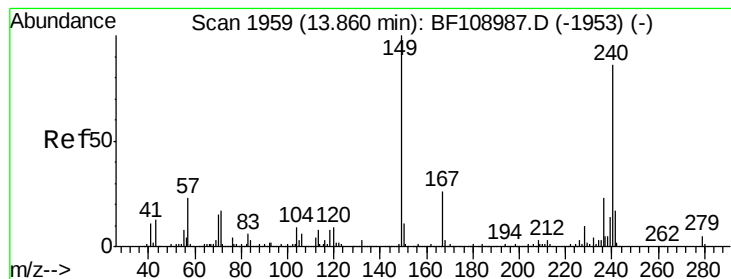


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

Instrument :

BNA_F

ClientSampleId :

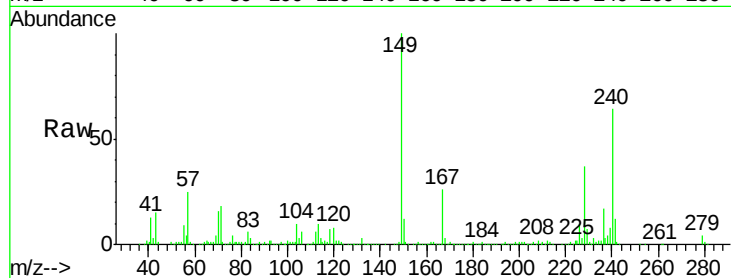
Tot Ion:240 Resp: 297133

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

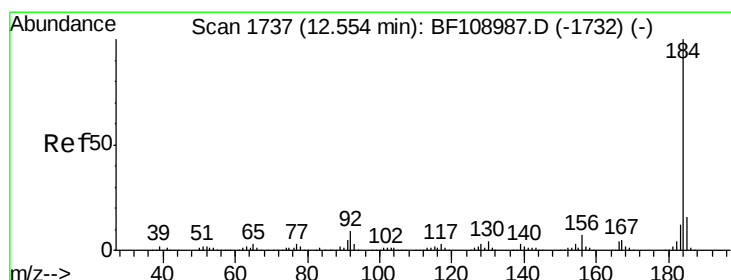
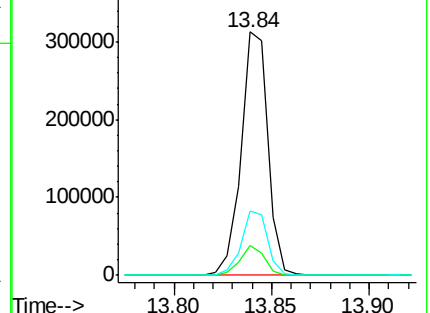
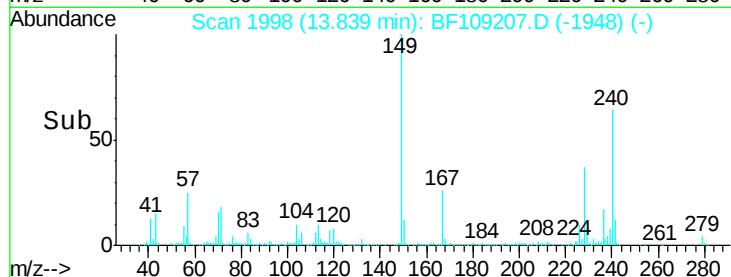
236 26.6 20.7 31.1



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



#76

Benzidine

Concen: 43.73 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

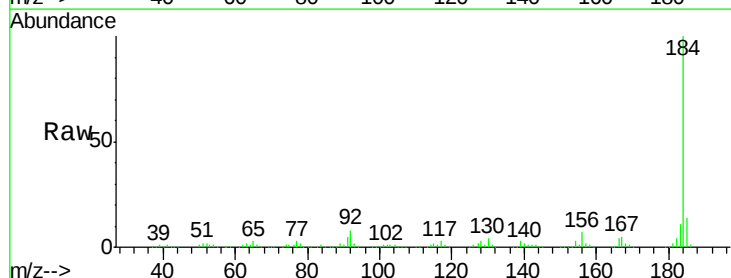
Tgt Ion:184 Resp: 459966

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

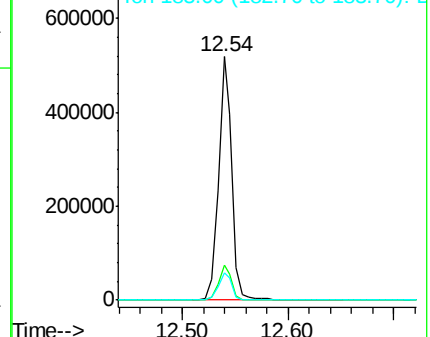
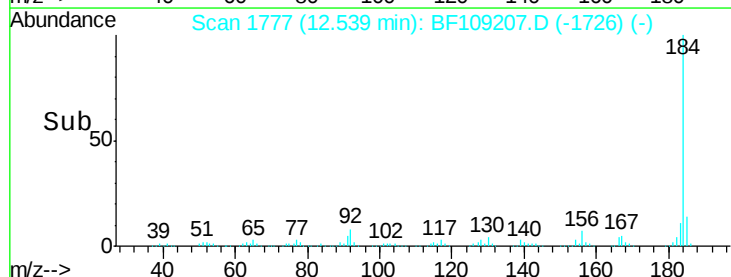
183 11.3 9.3 13.9

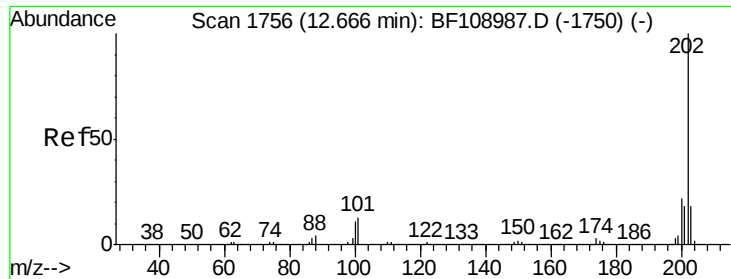


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

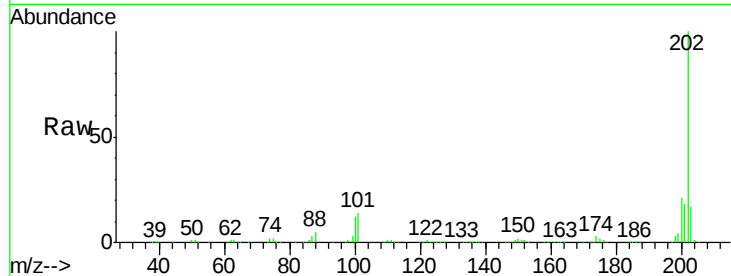




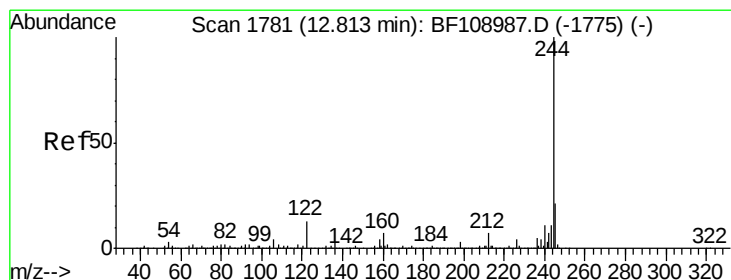
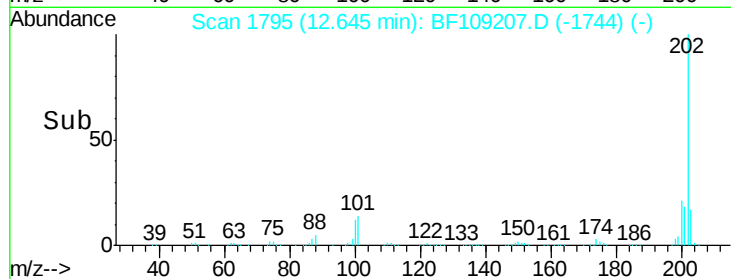
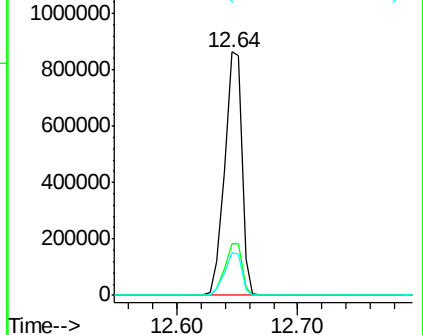
#77
Pvrene
Concen: 38.68 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.5	14.3	21.5

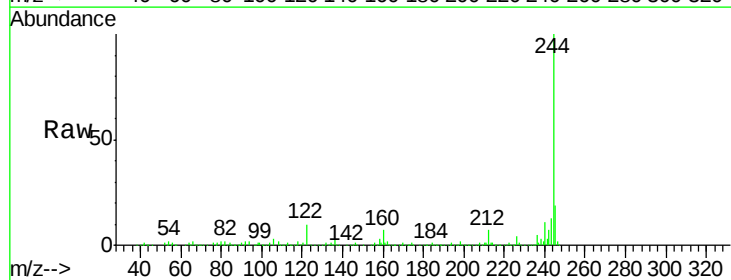


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

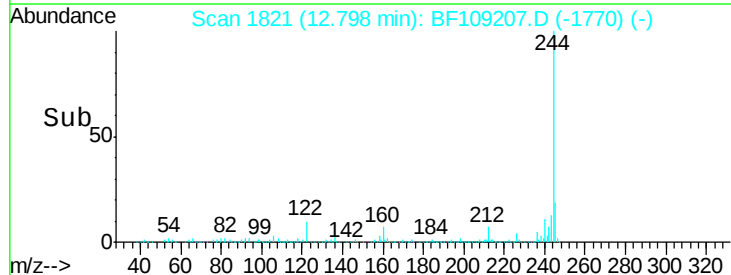
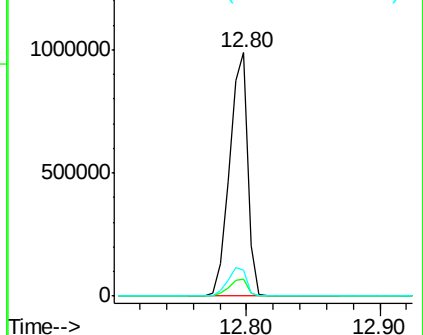


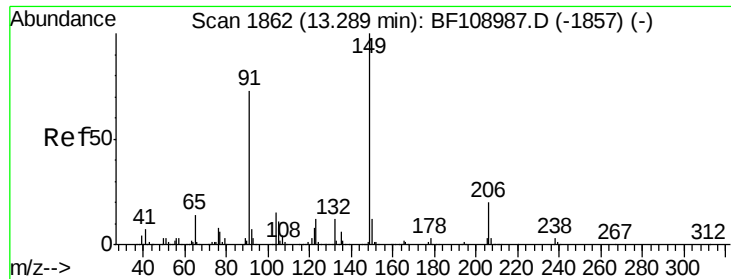
#78
Terphenyl-d14
Concen: 75.73 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.5	11.0	16.4#



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

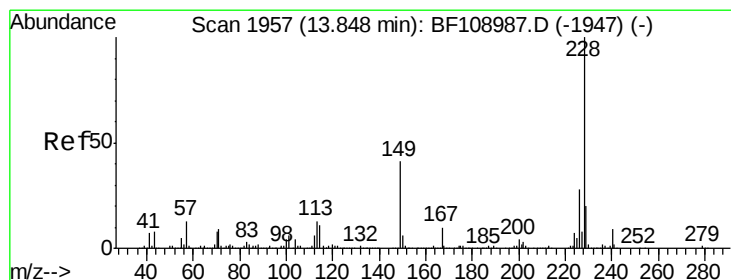
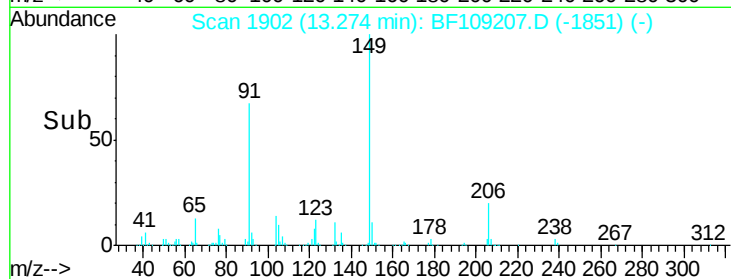
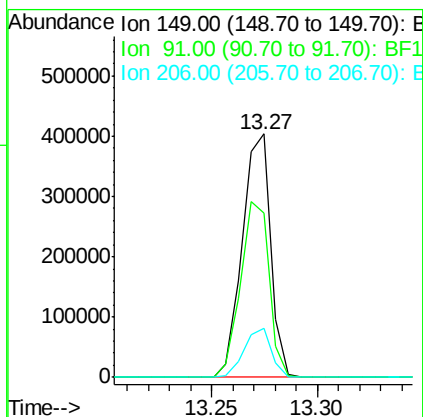
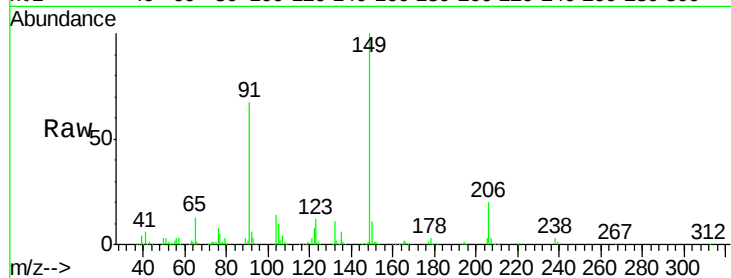




#79
Butylbenzylphthalate
Concen: 38.10 ng
RT: 13.27 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

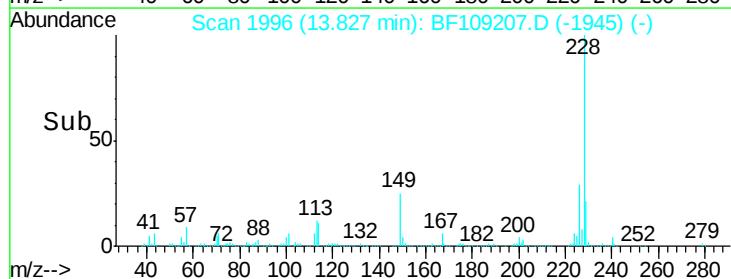
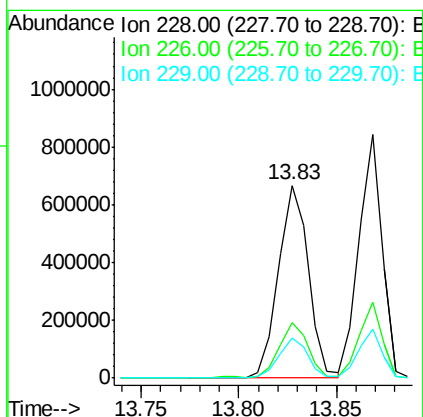
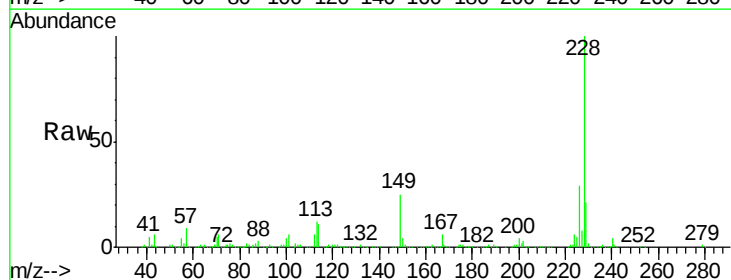
Instrument :
BNA_F
ClientSampleId :

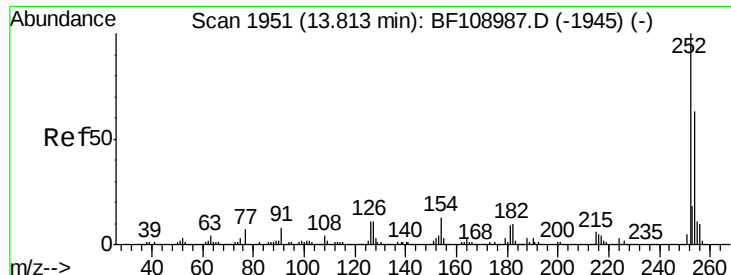
Tot Ion:149 Resp: 375567
Ion Ratio Lower Upper
149 100
91 67.2 56.8 85.2
206 20.2 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.53 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Tgt Ion:228 Resp: 711119
Ion Ratio Lower Upper
228 100
226 28.7 22.6 33.8
229 20.7 15.8 23.6

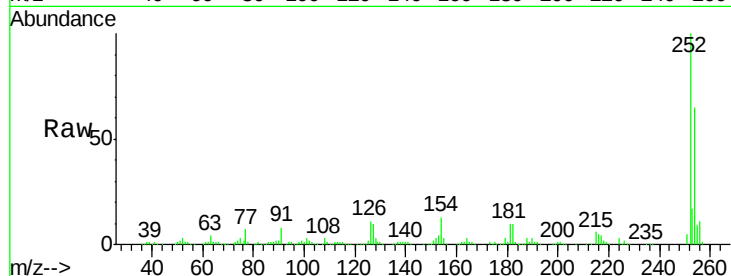




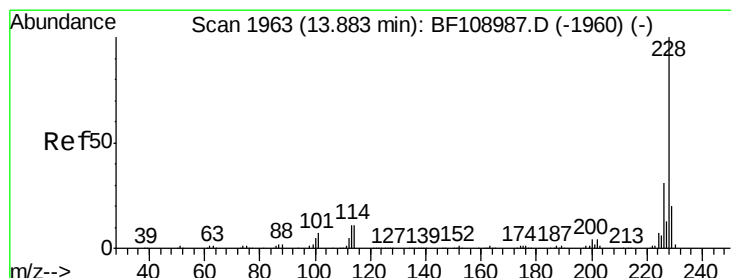
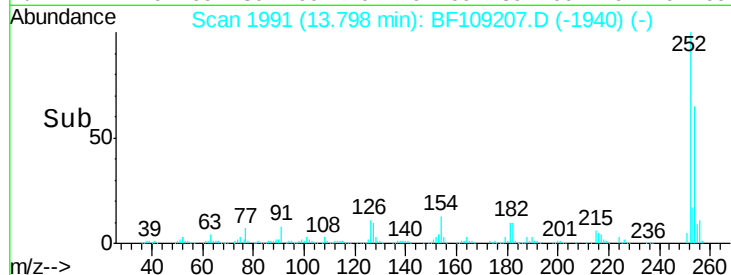
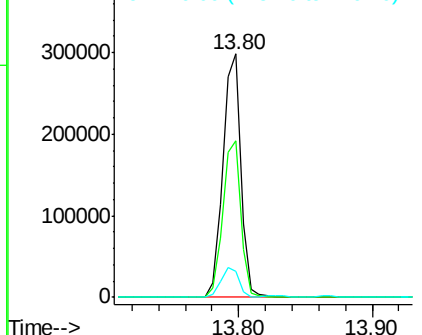
#81
 3,3'-Dichlorobenzidine
 Concen: 39.41 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.00 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	10.8	11.3	16.9#

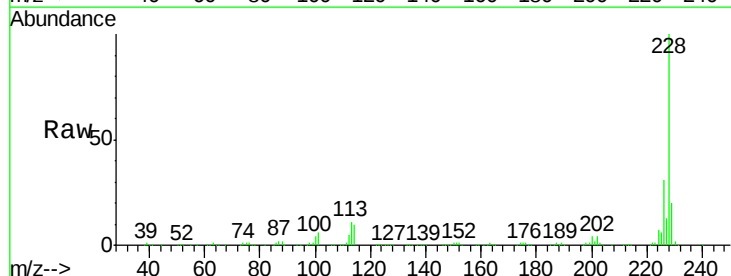


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

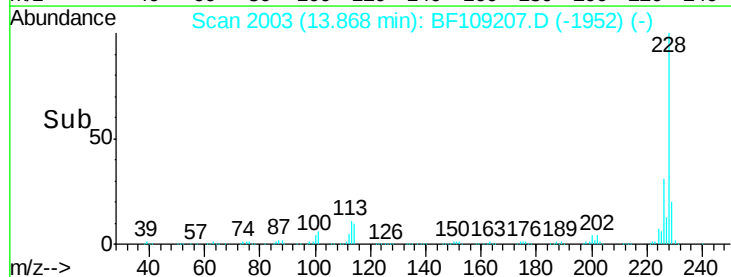
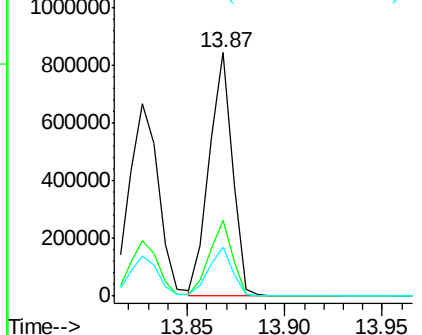


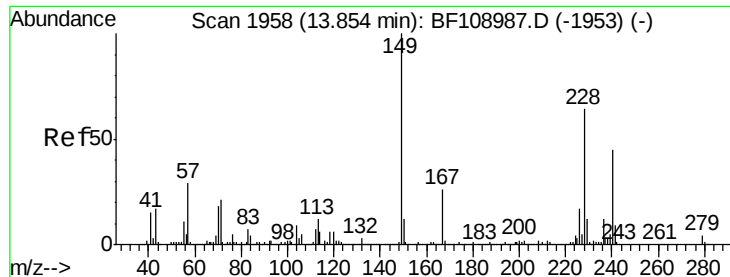
#82
 Chrysene
 Concen: 38.77 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.1	16.2	24.4



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

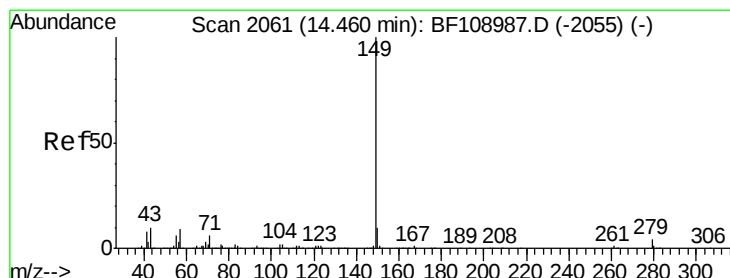
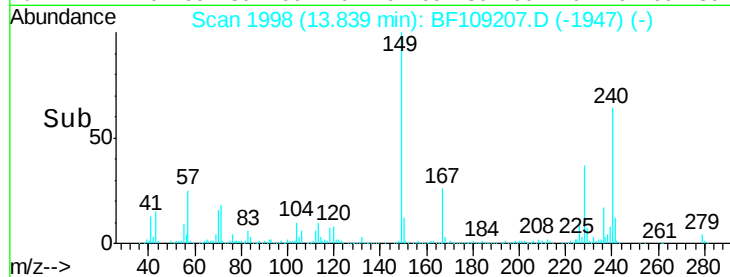
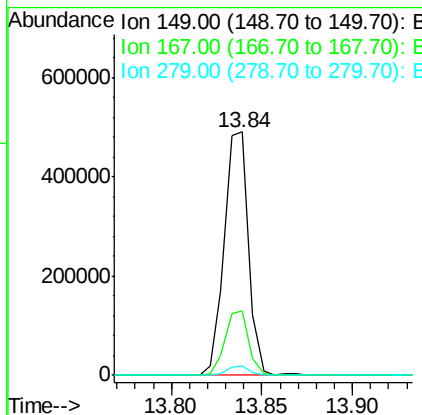
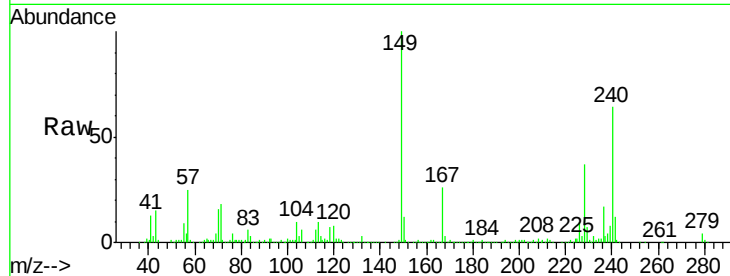




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.62 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

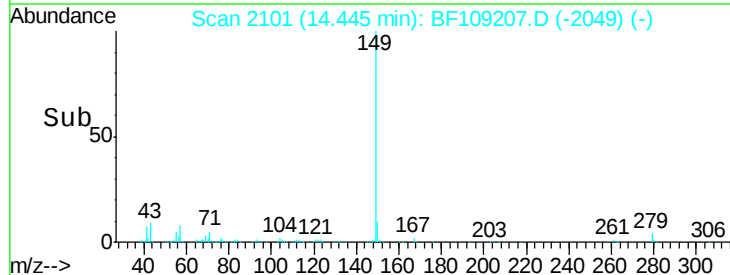
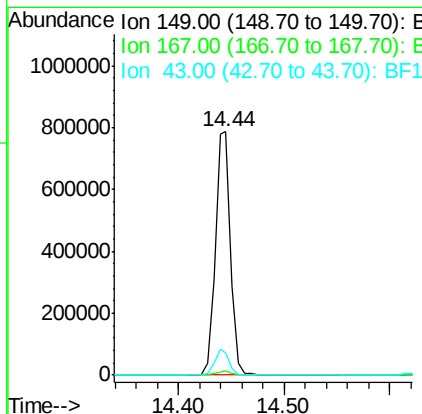
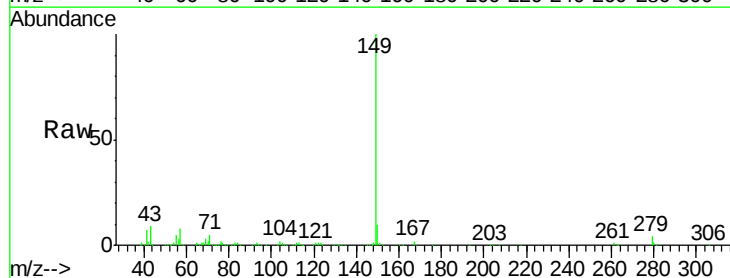
Instrument :
 BNA_F
 ClientSampleId :

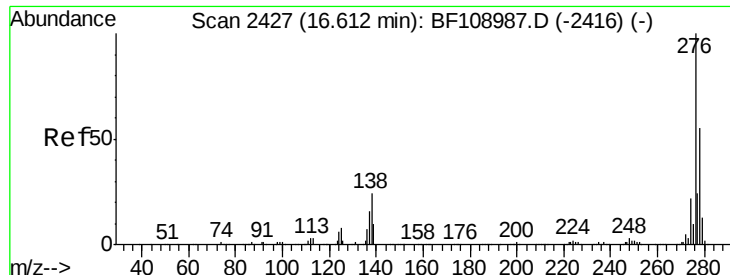
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	4.1	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 39.44 ng
 RT: 14.44 min Scan# 2101
 Delta R.T. 0.01 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.4	8.4	12.6

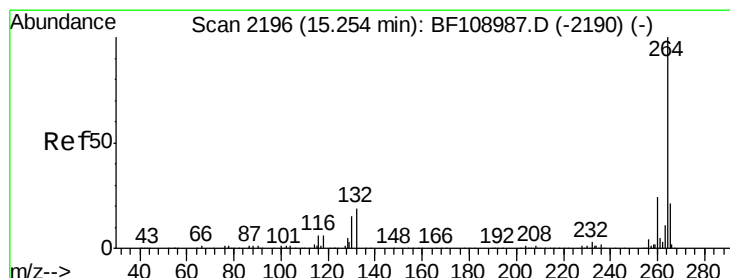
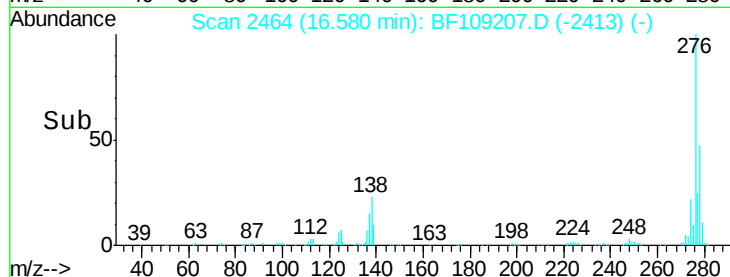
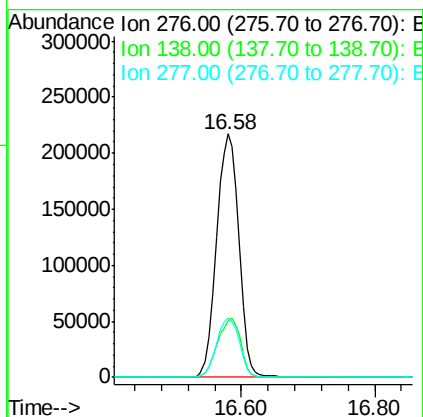
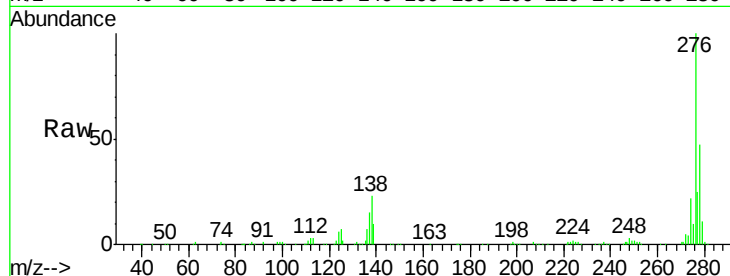




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.66 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

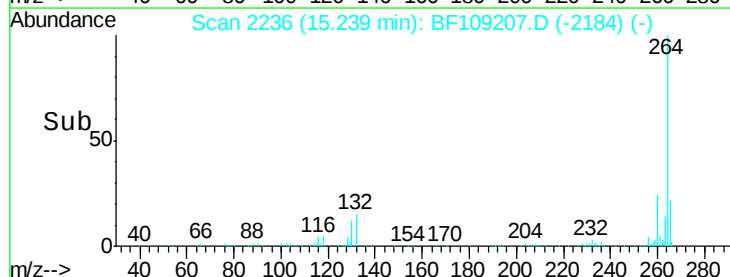
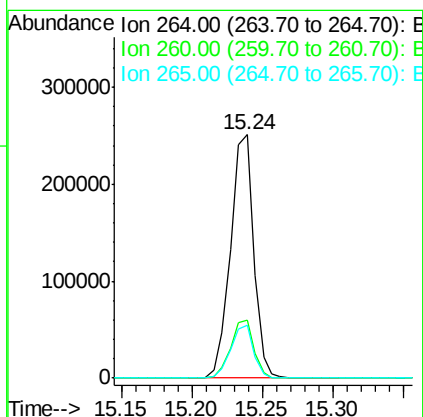
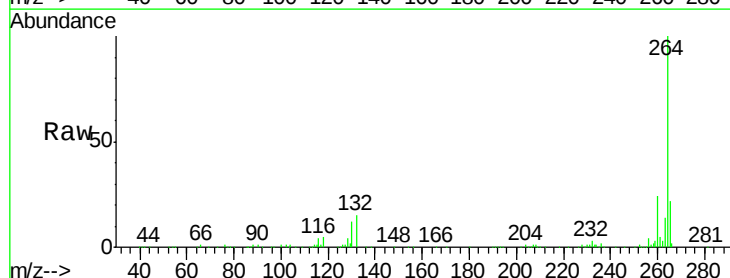
Instrument :
 BNA_F
 ClientSampleId :

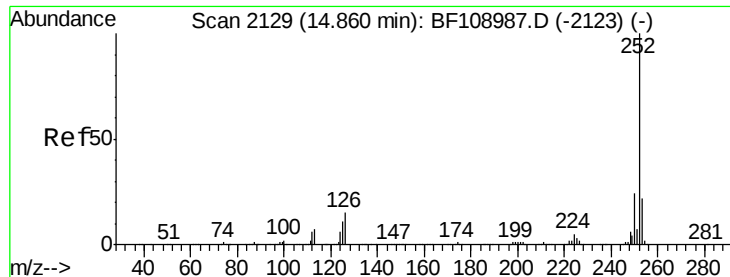
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	25.0	37.6
277	24.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.01 min
 Lab File: BF109207.D
 Acq: 22 Sep 2018 8:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.5	26.3

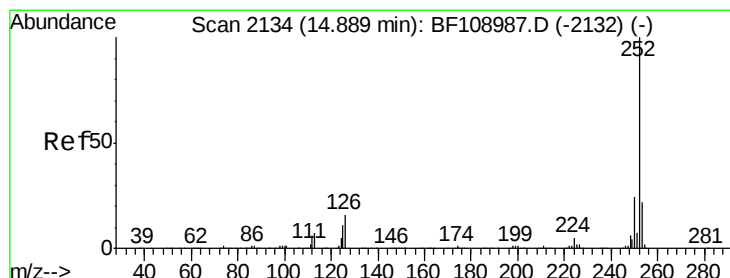
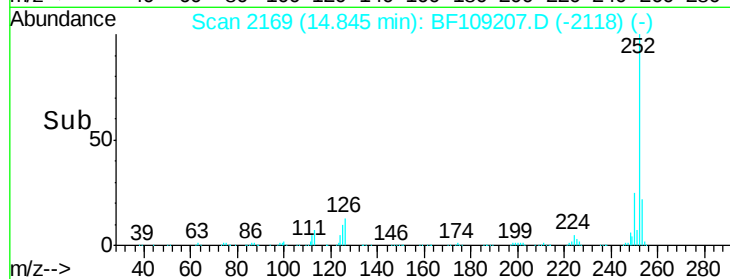
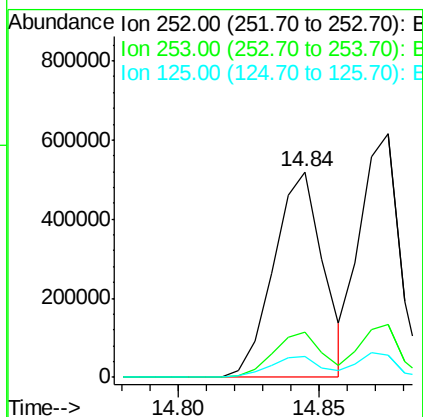
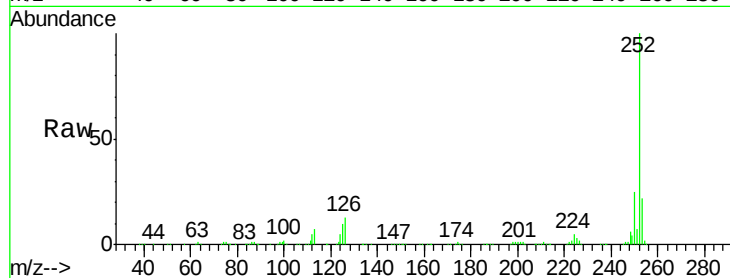




#87
Benzo(b)fluoranthene
Concen: 39.73 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

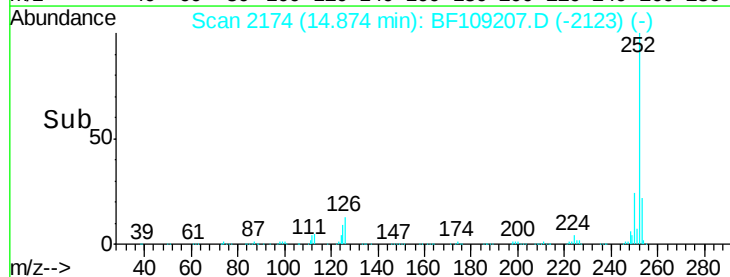
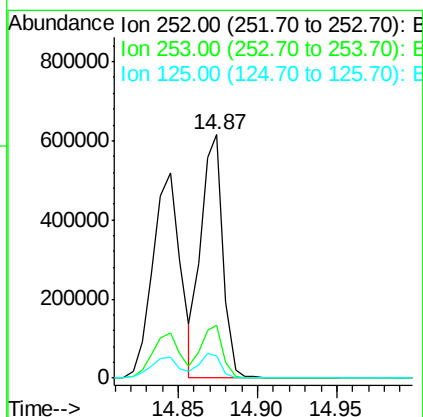
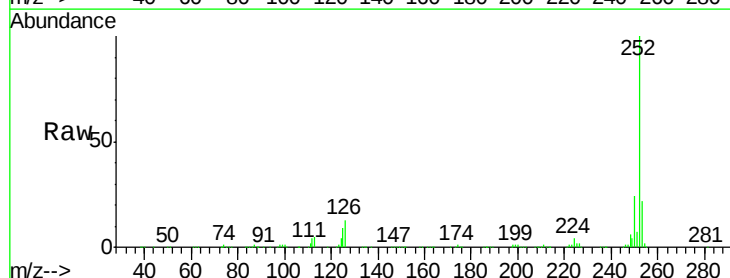
Instrument :
BNA_F
ClientSampleId :

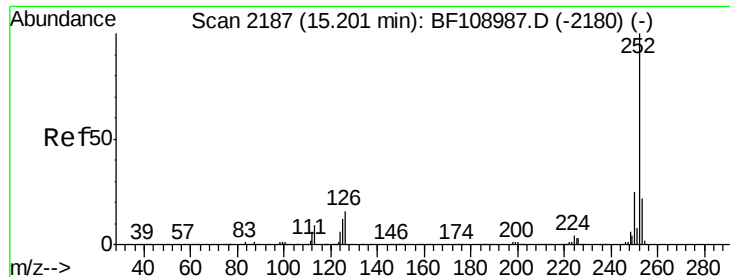
Tot Ion:252 Resp: 633175
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 9.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.98 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Tgt Ion:252 Resp: 595093
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 8.9 10.2 15.2#

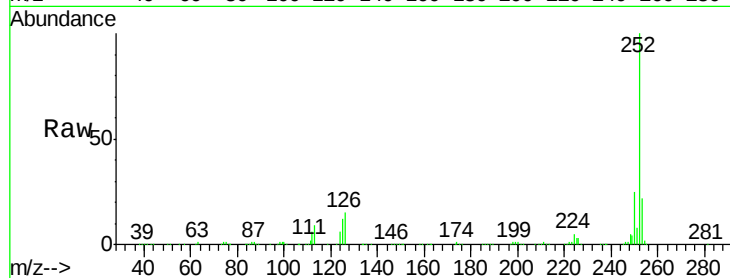




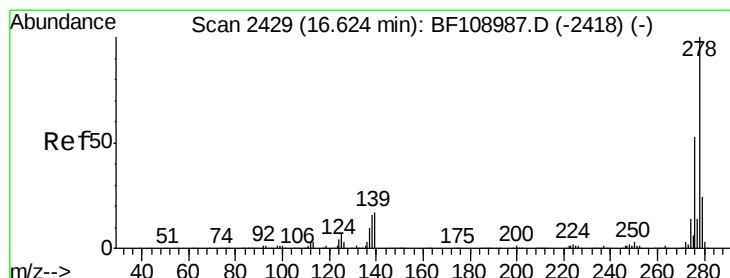
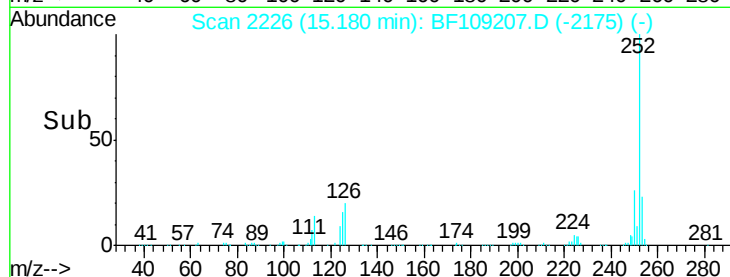
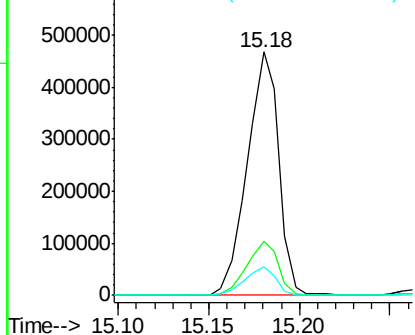
#89
Benzo(a)pyrene
Concen: 39.90 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	12.0	9.8	14.6

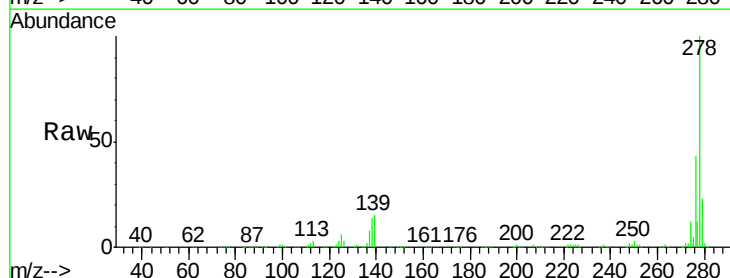


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

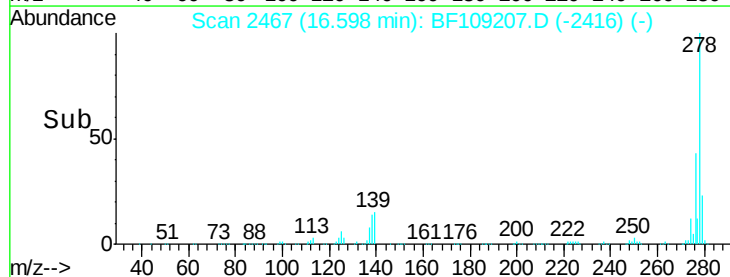
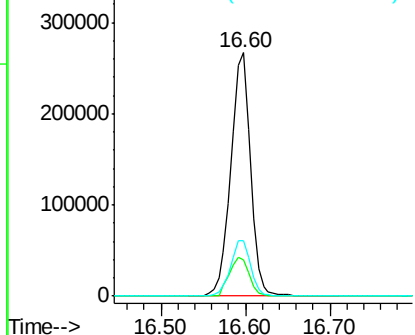


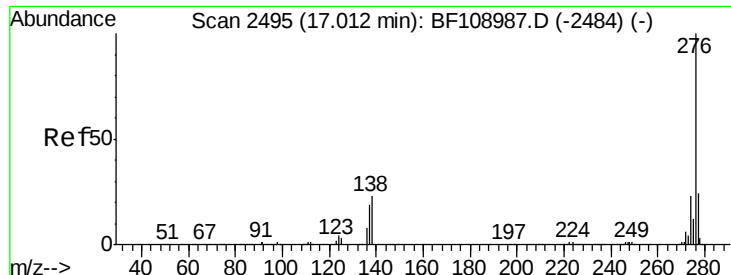
#90
Dibenzo(a,h)anthracene
Concen: 36.00 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BF109207.D
Acq: 22 Sep 2018 8:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	15.9	23.9#
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





#91

Benzo(a,h,i)perylene

Concen: 34.71 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BF109207.D

Acq: 22 Sep 2018 8:49

Instrument :

BNA_F

ClientSampleId :

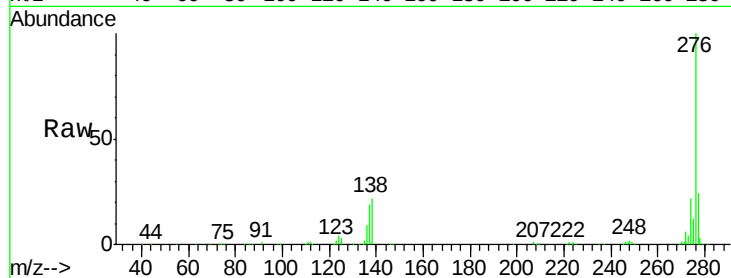
Tot Ion: 276 Resp: 412647

Ion Ratio Lower Upper

276 100

277 24.4 17.9 26.9

138 22.0 21.8 32.8



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

