

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109300.D
 Acq On : 25 Sep 2018 21:41
 Operator : JU/SJ
 Sample : J5044-08MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 02:27:52 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 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	125164	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	465057	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	206347	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	343160	20.00	ng	0.00
75) Chrysene-d12	13.85	240	260048	20.00	ng	0.00
86) Perylene-d12	15.24	264	210621	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	765063	100.68	ng	0.01
7) Phenol-d6	6.36	99	991251	102.22	ng	0.00
23) Nitrobenzene-d5	7.27	82	623009	79.08	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	206069	101.30	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1037011	75.80	ng	0.00
78) Terphenyl-d14	12.80	244	893653	84.34	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.42	88	97152	27.759	ng	94
3) Pyridine	3.13	79	263783	29.284	ng	90
4) n-Nitrosodimethylamine	3.05	42	134379	35.055	ng	# 98
6) Aniline	6.37	93	328435	26.474	ng	# 3
8) 2-Chlorophenol	6.50	128	286121	33.858	ng	96
9) Benzaldehyde	6.25	77	194437	31.214	ng	98
10) Phenol	6.37	94	386271	35.175	ng	74
11) bis(2-Chloroethyl)ether	6.45	93	276544	32.183	ng	95
12) 1,3-Dichlorobenzene	6.65	146	309013	31.760	ng	99
13) 1,4-Dichlorobenzene	6.73	146	313139	31.946	ng	98
14) 1,2-Dichlorobenzene	6.88	146	291437	32.231	ng	99
15) Benzyl Alcohol	6.86	79	252769	34.055	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	382617	31.392	ng	96
17) 2-Methylphenol	6.97	107	229124	33.509	ng	98
18) Hexachloroethane	7.22	117	96028	27.807	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	200423	31.543	ng	99
20) 3+4-Methylphenols	7.13	107	280388	33.965	ng	# 77
22) Acetophenone	7.12	105	388598	36.142	ng	# 94
24) Nitrobenzene	7.29	77	300707	35.899	ng	99
25) Isophorone	7.53	82	540588	38.106	ng	98
26) 2-Nitrophenol	7.61	139	108477	32.746	ng	94
27) 2,4-Dimethylphenol	7.65	122	248416	40.188	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	341429	36.357	ng	99
29) 2,4-Dichlorophenol	7.85	162	231917	35.709	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	245400	33.815	ng	95
31) Naphthalene	8.02	128	799231	36.777	ng	99
32) Benzoic acid	7.80	122	11399	9.126	ng	96
33) 4-Chloroaniline	8.06	127	229098	24.131	ng	98
34) Hexachlorobutadiene	8.14	225	144840	33.107	ng	97
35) Caprolactam	8.42	113	70405	33.955	ng	# 87
36) 4-Chloro-3-methylphenol	8.55	107	237779	34.793	ng	99
37) 2-Methylnaphthalene	8.70	142	525261	37.493	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	239436	36.460	ng	97
40) Hexachlorocyclopentadiene	8.86	237	35212	12.293	ng	99

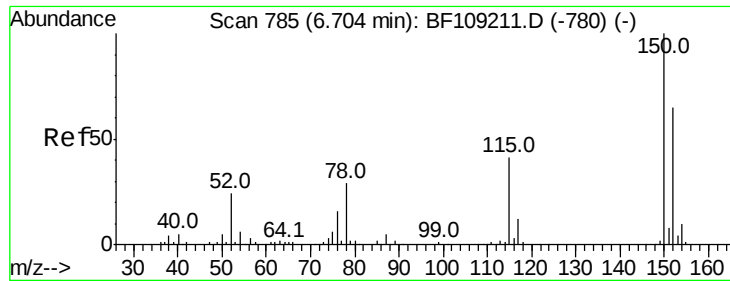
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	151126	35.856	nq	99
43) 2,4,5-Trichlorophenol	9.03	196	154805	34.777	nq	# 92
45) 1,1'-Biphenyl	9.17	154	611057	36.346	nq	98
46) 2-Chloronaphthalene	9.19	162	465894	34.688	nq	97
47) 2-Nitroaniline	9.29	65	149974	39.384	nq	95
48) Acenaphthylene	9.60	152	737187	36.383	nq	100
49) Dimethylphthalate	9.47	163	839831	55.958	nq	98
50) 2,6-Dinitrotoluene	9.53	165	109350	36.788	nq	94
51) Acenaphthene	9.77	154	418624	34.173	nq	98
52) 3-Nitroaniline	9.69	138	129051	37.490	nq	97
53) 2,4-Dinitrophenol	9.80	184	2728	10.815	nq	# 27
54) Dibenzofuran	9.95	168	623460	34.222	nq	97
55) 4-Nitrophenol	9.86	139	152915	58.969	nq	94
56) 2,4-Dinitrotoluene	9.93	165	129597	34.458	nq	# 94
57) Fluorene	10.29	166	452834	34.837	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	112940	32.044	nq	# 90
59) Diethylphthalate	10.17	149	525043	34.546	nq	97
60) 4-Chlorophenyl-phenylether	10.28	204	222485	32.770	nq	97
61) 4-Nitroaniline	10.30	138	119468	35.587	nq	95
62) Azobenzene	10.44	77	498150	31.548	nq	97
64) 4,6-Dinitro-2-methylphenol	10.34	198	5542	10.007	nq	80
65) n-Nitrosodiphenylamine	10.40	169	434896	38.358	nq	95
66) 4-Bromophenyl-phenylether	10.77	248	141500	37.133	nq	# 87
67) Hexachlorobenzene	10.84	284	144820	35.783	nq	# 90
68) Atrazine	10.93	200	141112	40.469	nq	98
69) Pentachlorophenol	11.03	266	121766	50.269	nq	97
70) Phenanthrene	11.25	178	657142	38.353	nq	99
71) Anthracene	11.30	178	654758	37.677	nq	99
72) Carbazole	11.45	167	586593	33.926	nq	99
73) Di-n-butylphthalate	11.79	149	730995	36.724	nq	99
74) Fluoranthene	12.43	202	704289	38.464	nq	96
76) Benzidine	12.54	184	477235	50.900	nq	98
77) Pyrene	12.66	202	704001	37.774	nq	100
79) Butylbenzylphthalate	13.27	149	302652	38.170	nq	98
80) Benzo(a)anthracene	13.84	228	597449	38.143	nq	100
81) 3,3'-Dichlorobenzidine	13.80	252	218580	36.719	nq	99
82) Chrysene	13.87	228	570839	36.769	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	377819	37.783	nq	100
84) Di-n-octyl phthalate	14.44	149	678451	39.681	nq	98
85) Indeno(1,2,3-cd)pyrene	16.60	276	415193	32.994	nq	# 92
87) Benzo(b)fluoranthene	14.85	252	503232	43.482	nq	98
88) Benzo(k)fluoranthene	14.85	252	503232	45.822	nq	98
89) Benzo(a)pyrene	15.19	252	418398	40.120	nq	98
90) Dibenzo(a,h)anthracene	16.62	278	331724	38.773	nq	# 94
91) Benzo(g,h,i)perylene	17.01	276	339050	40.322	nq	# 91

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

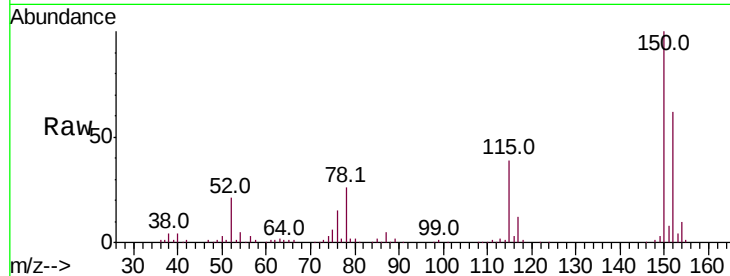


#1

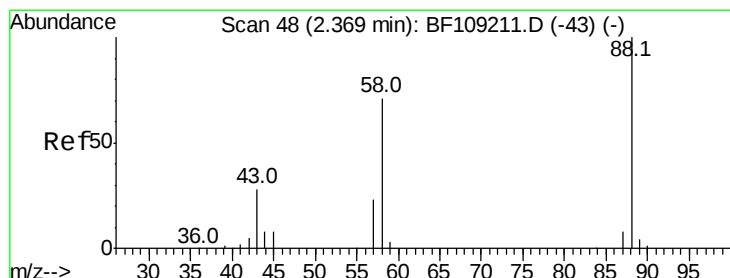
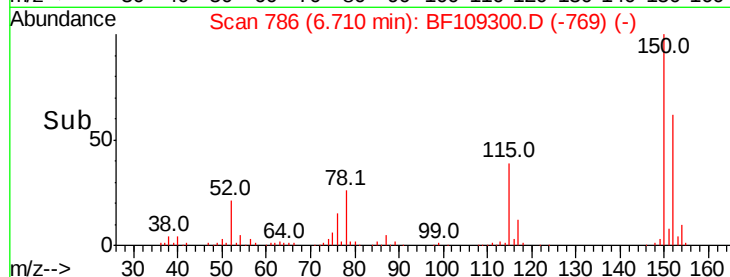
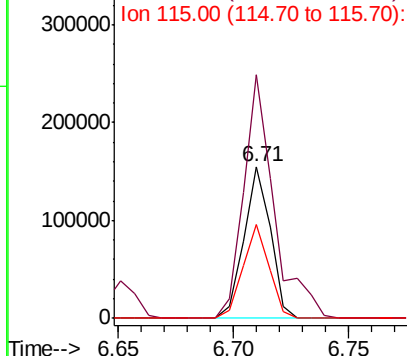
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 125164
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 62.2 50.1 75.1



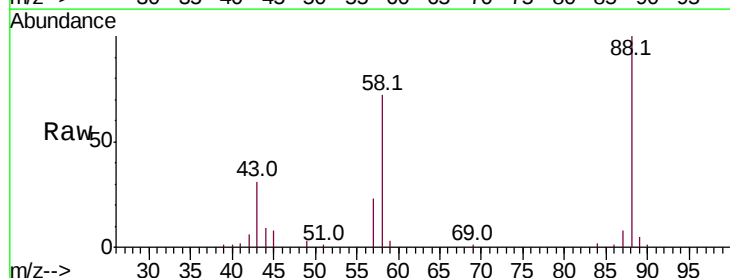
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



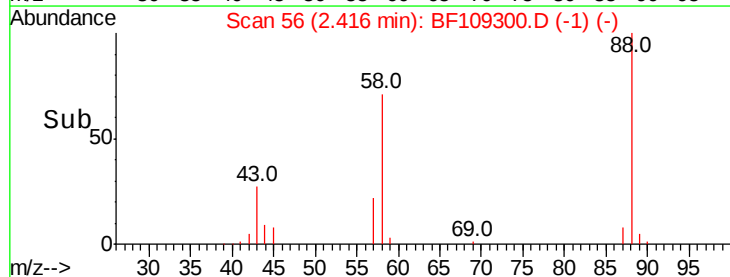
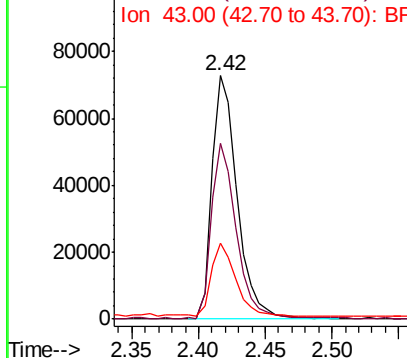
#2

1,4-Dioxane
Concen: 27.759 ng
RT: 2.42 min Scan# 56
Delta R.T. 0.05 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Tgt Ion: 88 Resp: 97152
Ion Ratio Lower Upper
88 100
58 71.8 62.6 93.8
43 29.8 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

Pvridine

Concen: 29.284 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.06 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

Instrument :

BNA_F

ClientSampleId :

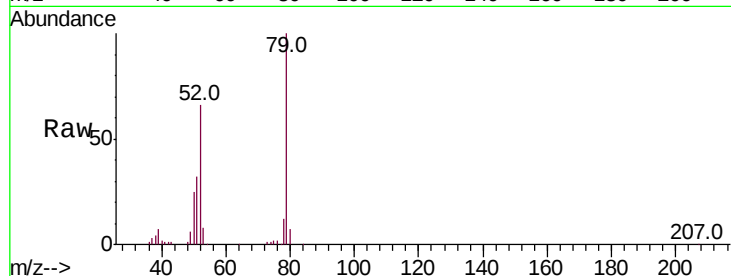
Tot Ion: 79 Resp: 263783

Ion Ratio Lower Upper

79 100

52 65.8 59.8 89.6

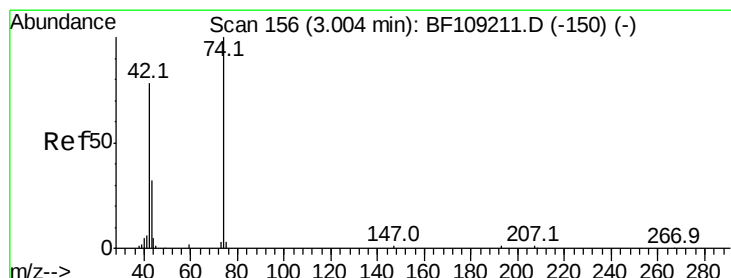
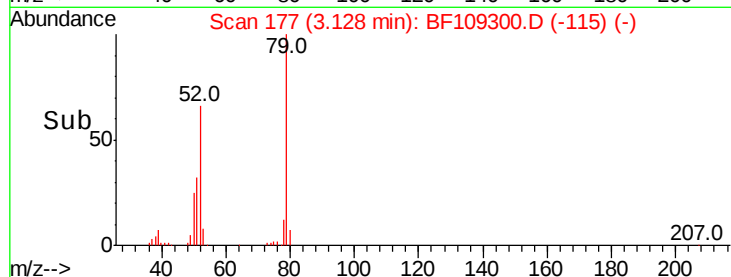
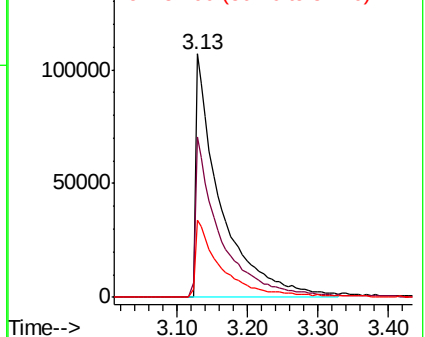
51 31.8 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.055 ng

RT: 3.05 min Scan# 164

Delta R.T. 0.03 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

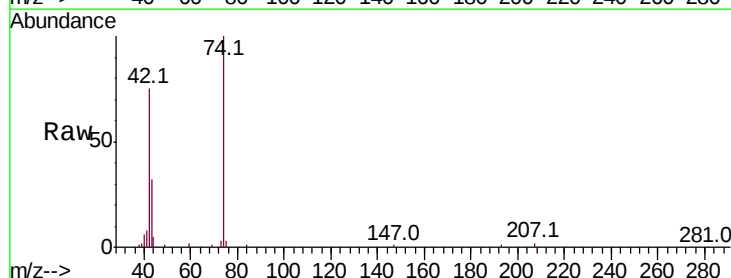
Tgt Ion: 42 Resp: 134379

Ion Ratio Lower Upper

42 100

74 133.3 104.9 157.3

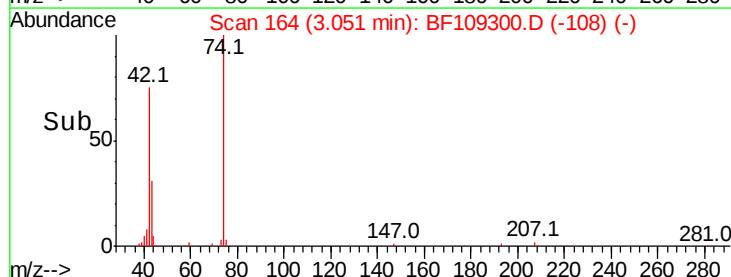
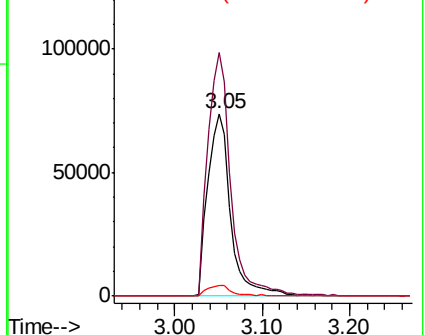
44 6.1 6.9 10.3#

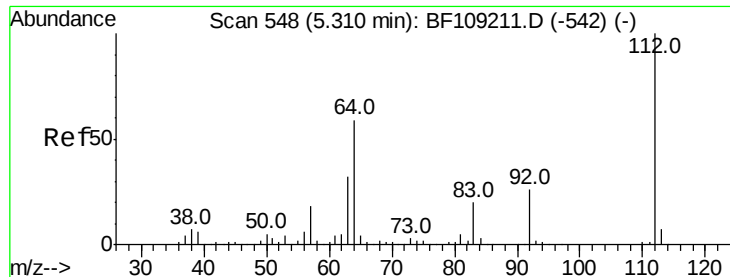


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 100.677 ng

RT: 5.33 min Scan# 551

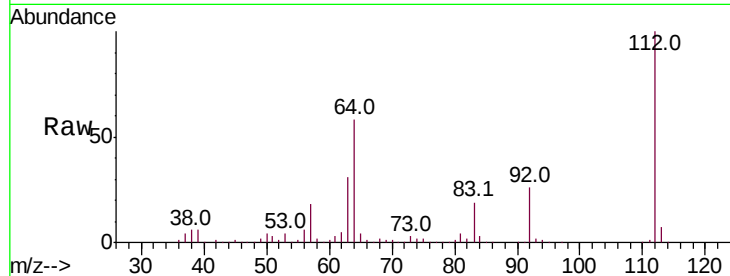
Delta R.T. 0.01 min

Lab File: BF109300.D

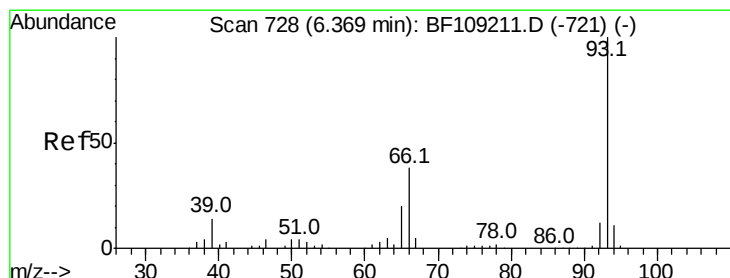
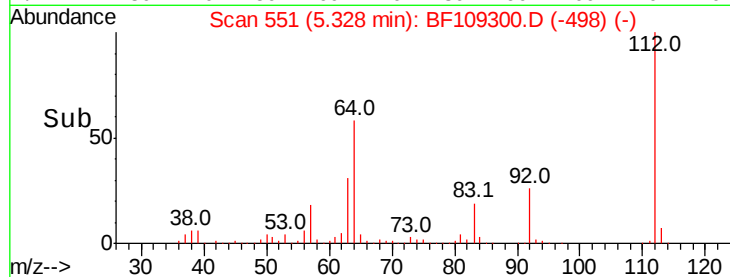
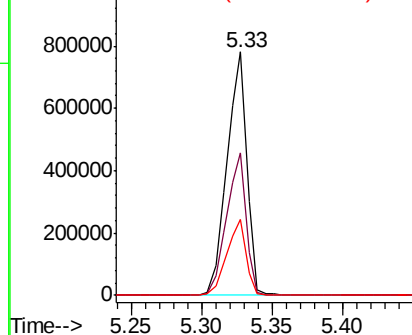
Acq: 25 Sep 2018 21:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	765063
Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	31.1	23.7	35.5



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



#6

Aniline

Concen: 26.474 ng

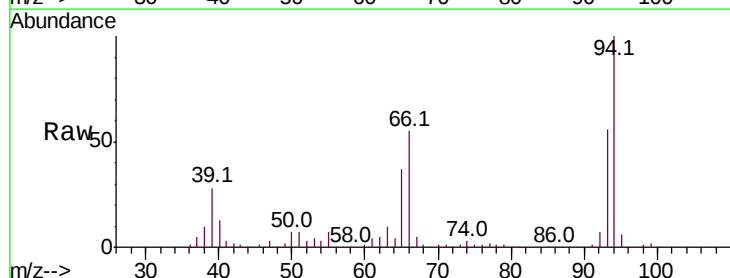
RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

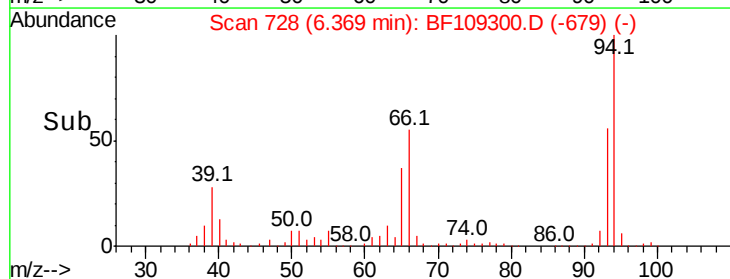
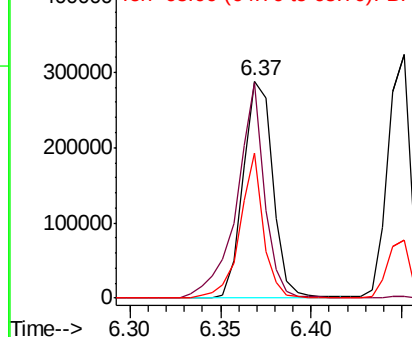
Lab File: BF109300.D

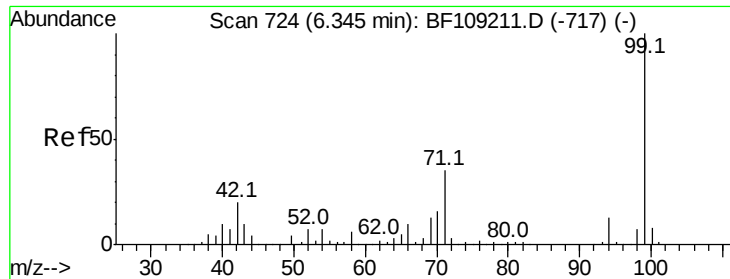
Acq: 25 Sep 2018 21:41

Tgt Ion:	93	Resp:	328435
Ion	Ratio	Lower	Upper
93	100		
66	99.1	32.2	48.2#
65	66.5	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: 102.224 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

Instrument :

BNA_F

ClientSampled :

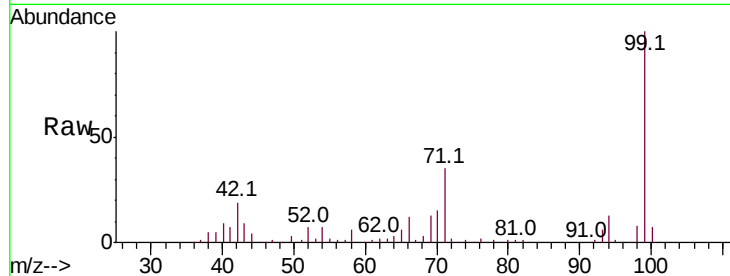
Tot Ion: 99 Resp: 991251

Ion Ratio Lower Upper

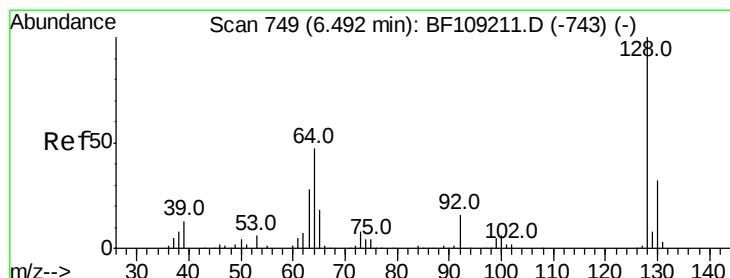
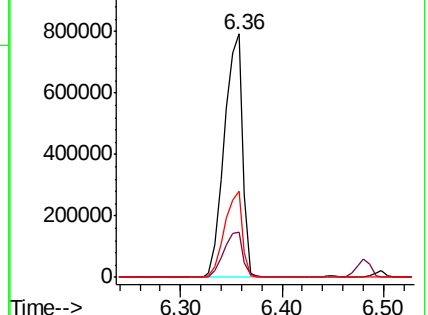
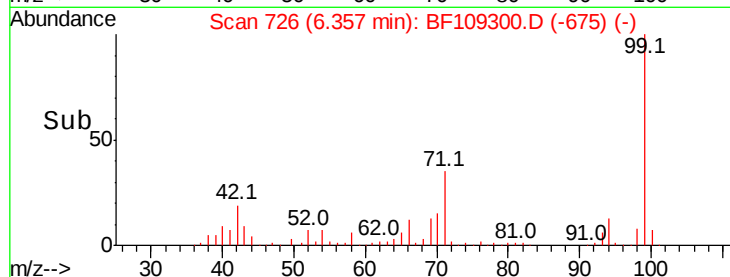
99 100

42 18.7 14.5 21.7

71 35.3 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: 33.858 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

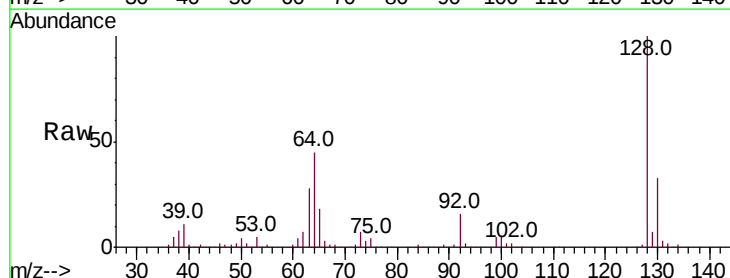
Tgt Ion: 128 Resp: 286121

Ion Ratio Lower Upper

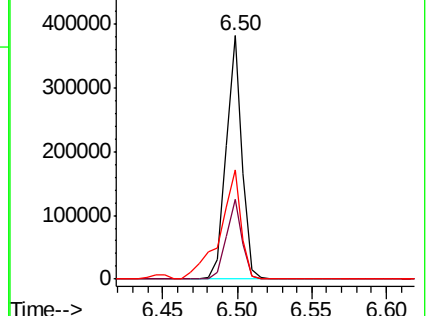
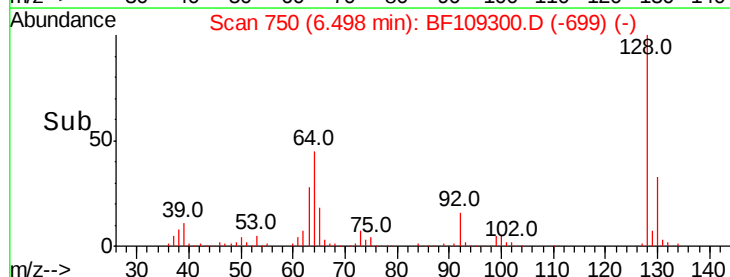
128 100

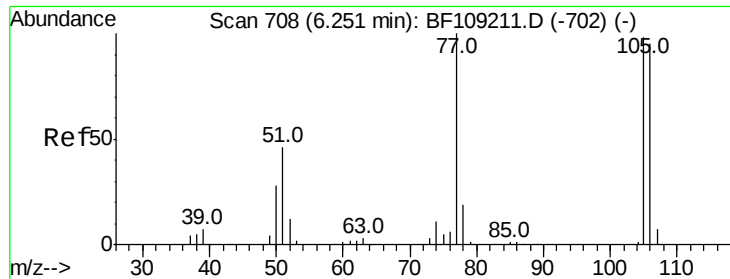
130 32.6 13.0 53.0

64 44.9 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: 31.214 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

Instrument :

BNA_F

ClientSampleId :

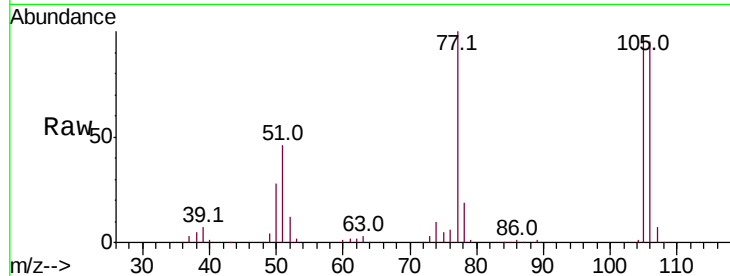
Tot Ion: 77 Resp: 194437

Ion Ratio Lower Upper

77 100

105 97.9 81.1 121.1

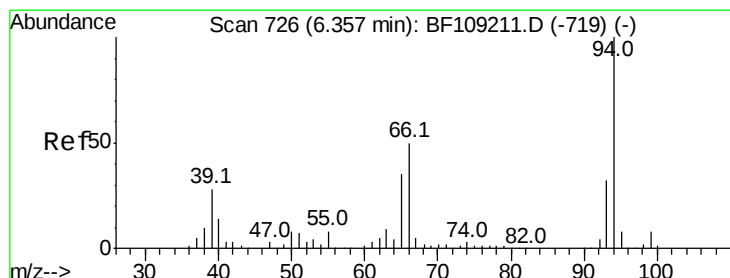
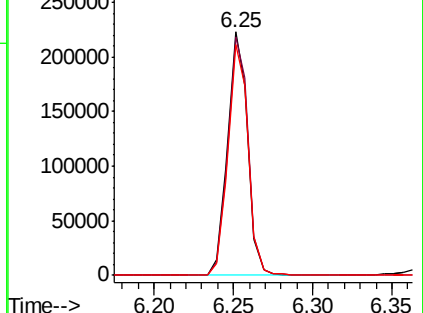
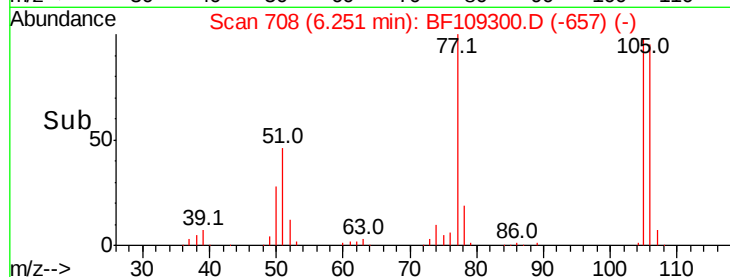
106 94.8 74.5 114.5



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: 35.175 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

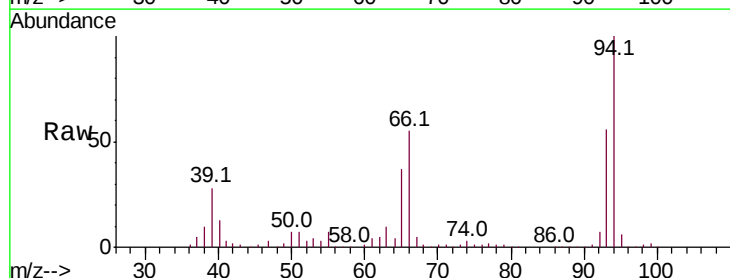
Tgt Ion: 94 Resp: 386271

Ion Ratio Lower Upper

94 100

65 36.9 7.9 47.9

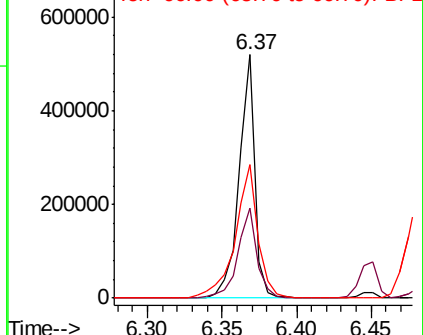
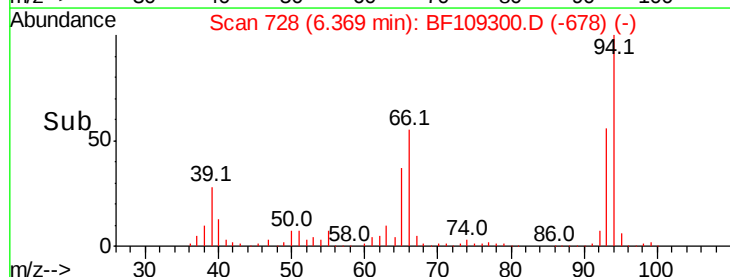
66 55.0 16.2 56.2

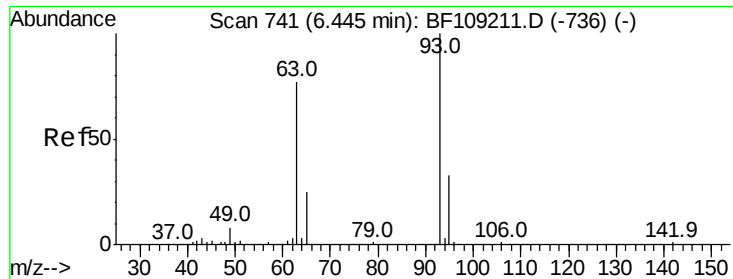


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

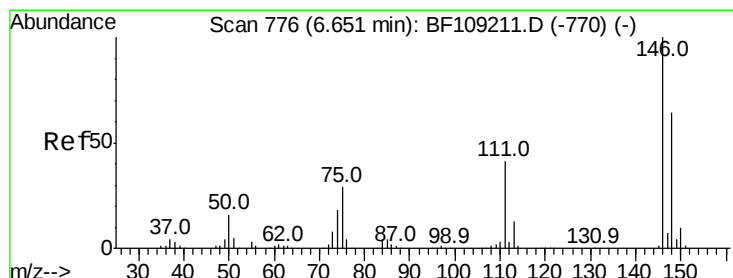
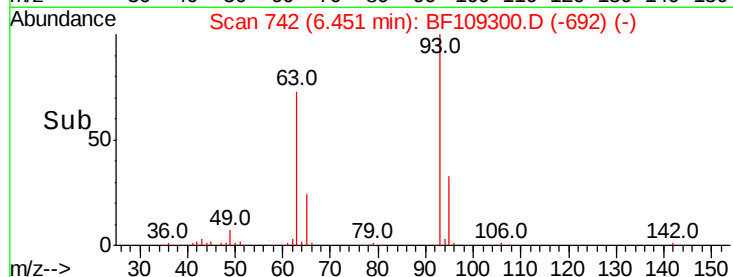
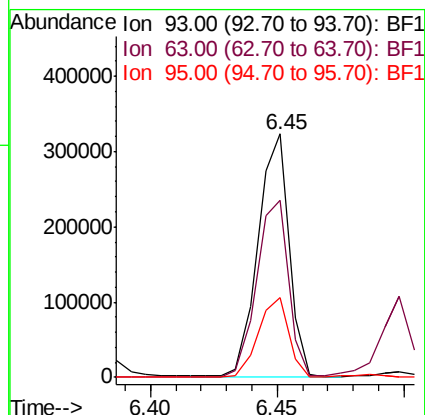
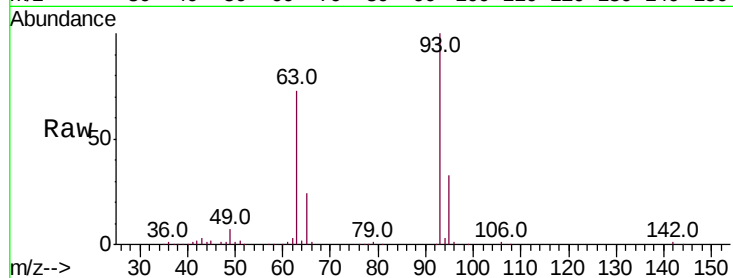




#11
bis(2-Chloroethyl)ether
Concen: 32.183 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

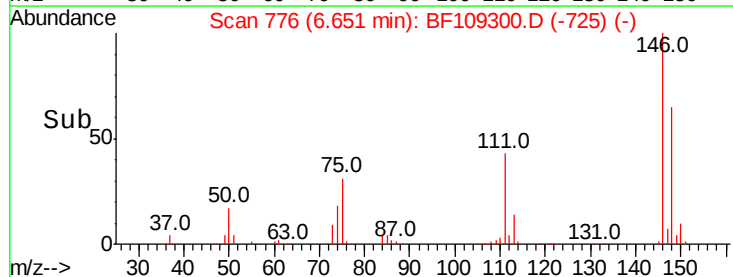
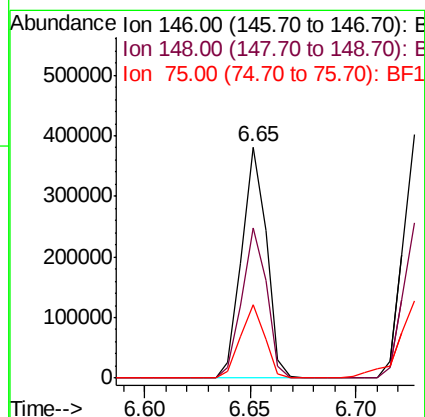
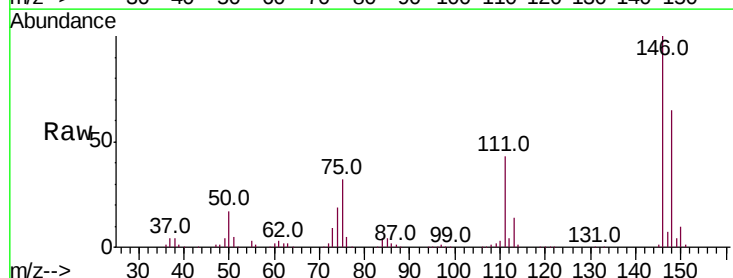
Instrument :
BNA_F
ClientSampleId :

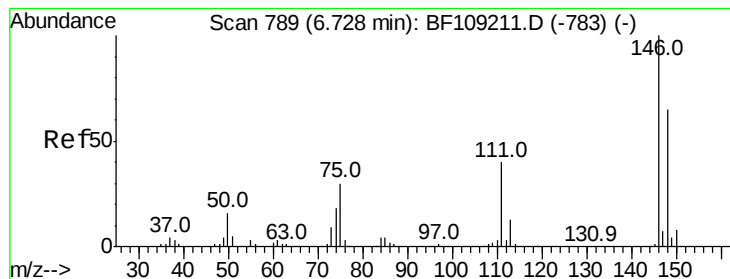
Tot Ion: 93 Resp: 276544
Ion Ratio Lower Upper
93 100
63 72.7 58.6 98.6
95 32.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 31.760 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Tgt Ion: 146 Resp: 309013
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
75 31.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 31.946 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

Instrument :

BNA_F

ClientSampled :

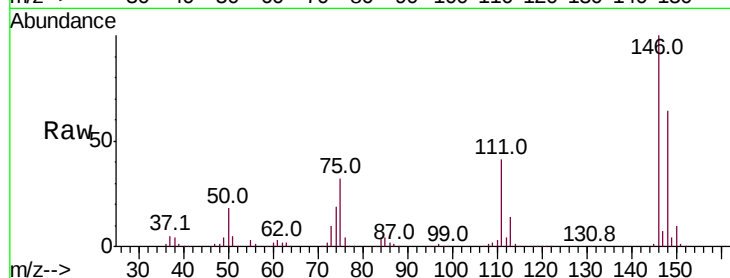
Tot Ion:146 Resp: 313139

Ion Ratio Lower Upper

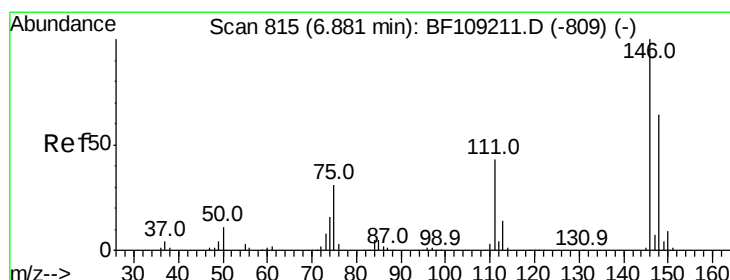
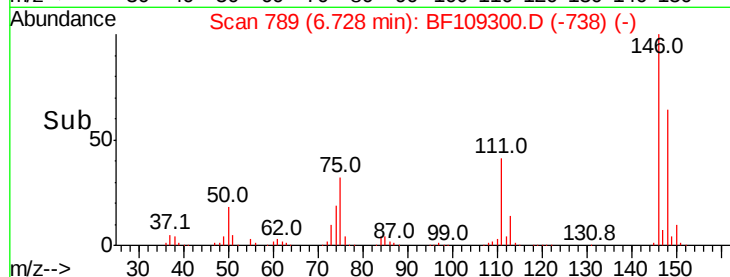
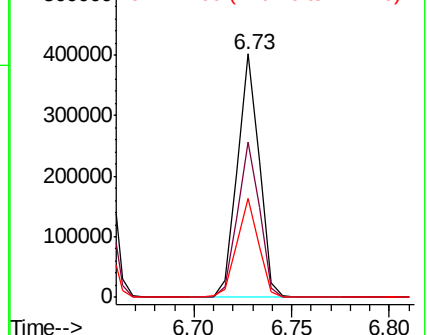
146 100

148 63.8 50.8 76.2

111 40.5 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: 32.231 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

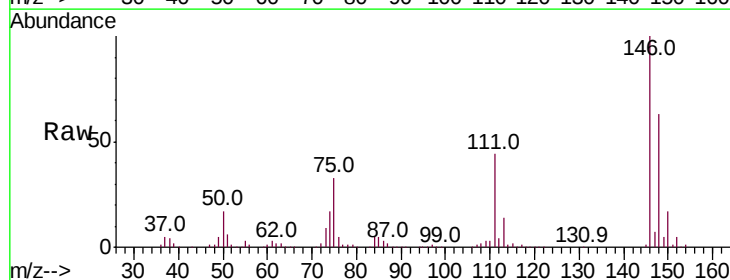
Tgt Ion:146 Resp: 291437

Ion Ratio Lower Upper

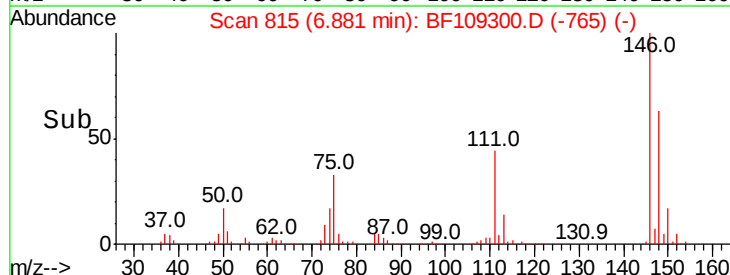
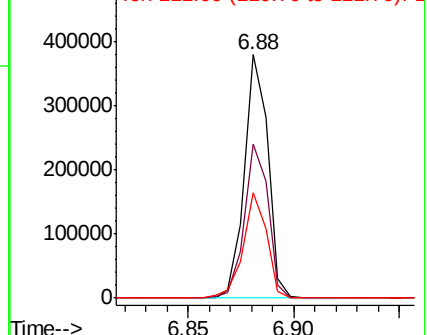
146 100

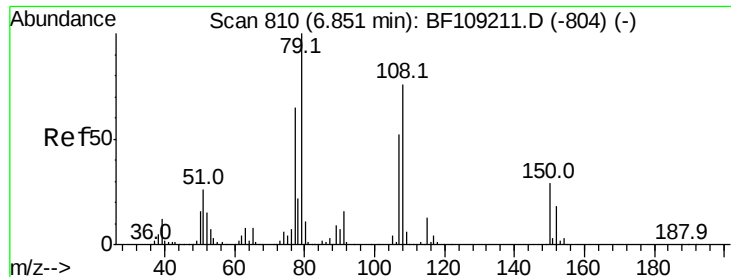
148 63.5 50.6 75.8

111 43.5 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: 34.055 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

Instrument :

BNA_F

ClientSampleId :

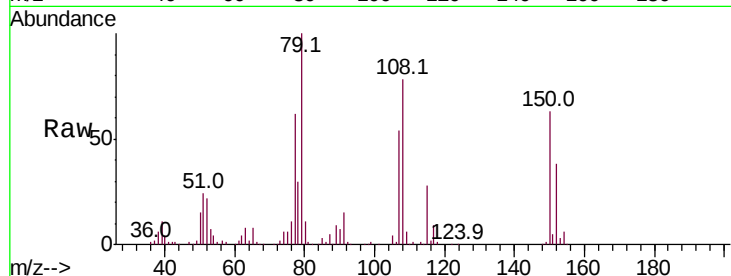
Tot Ion: 79 Resp: 252769

Ion Ratio Lower Upper

79 100

108 78.4 65.1 97.7

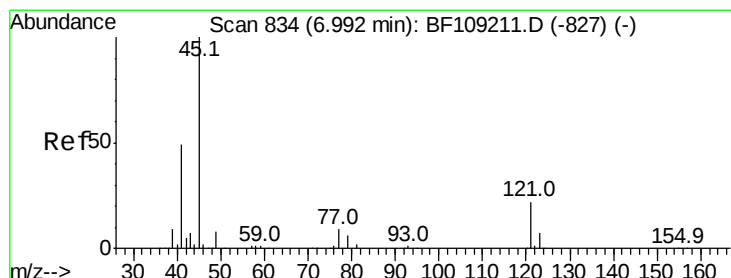
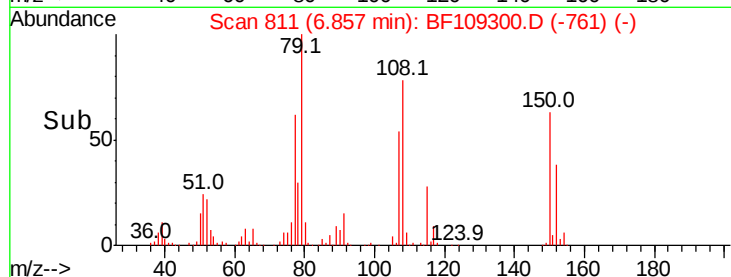
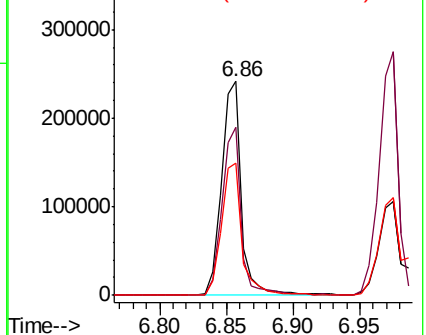
77 61.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.392 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

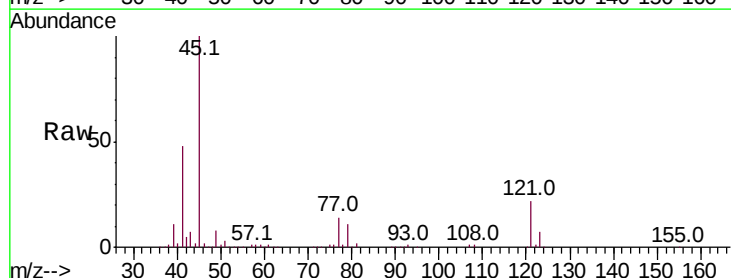
Tgt Ion: 45 Resp: 382617

Ion Ratio Lower Upper

45 100

77 14.5 0.0 32.9

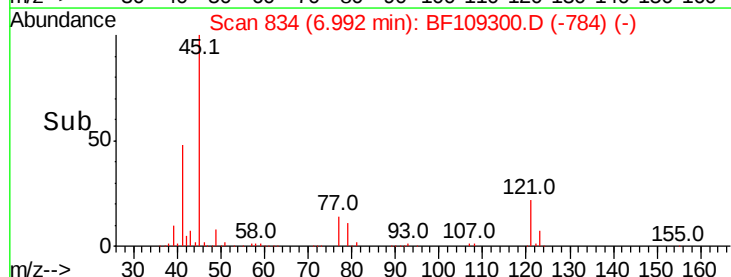
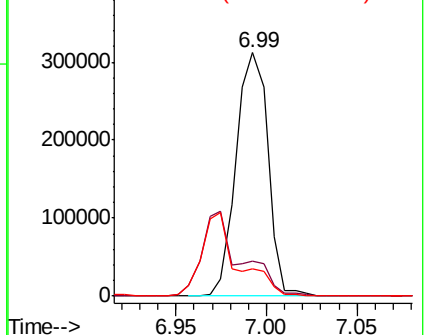
79 11.5 0.0 29.6

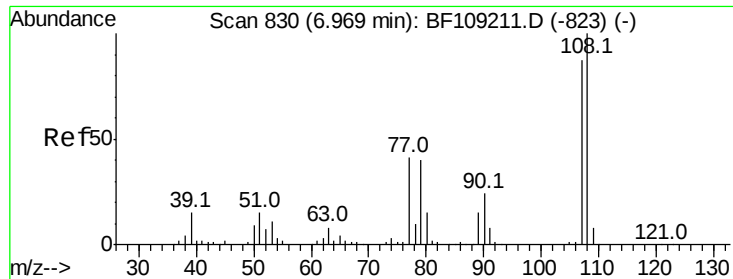


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

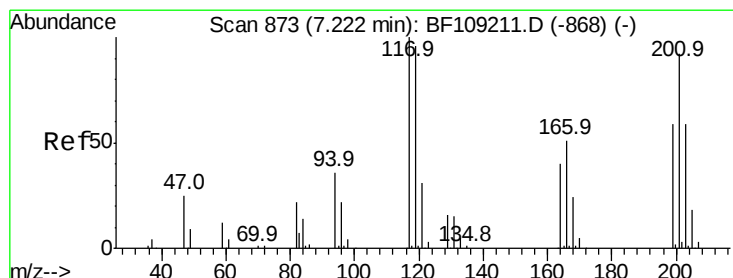
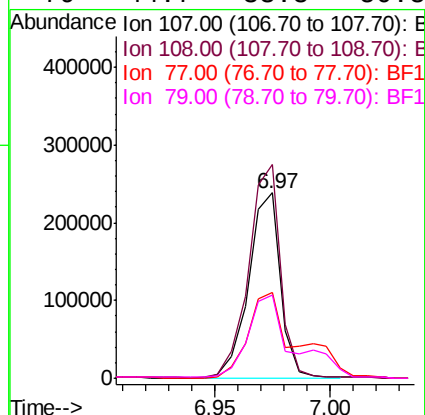
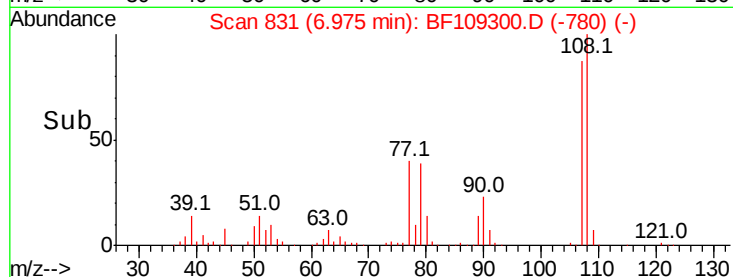
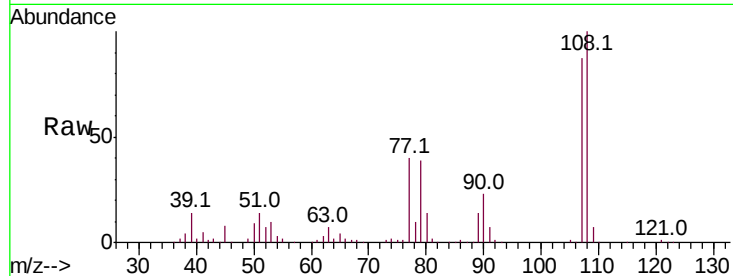




#17
2-Methylphenol
Concen: 33.509 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

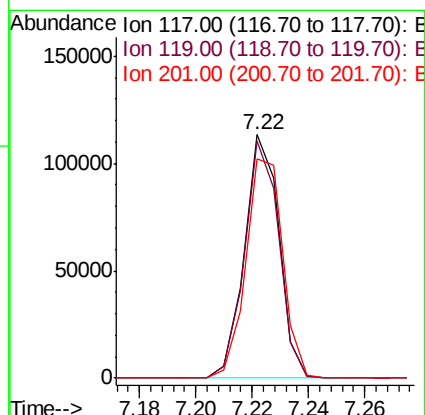
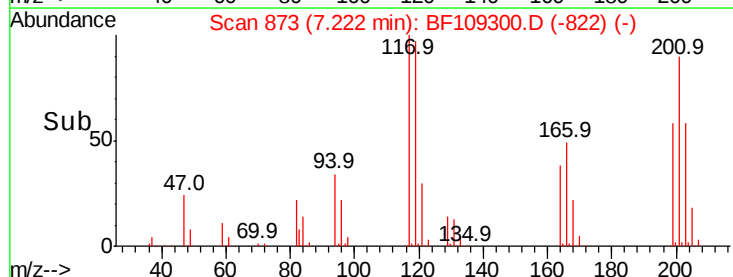
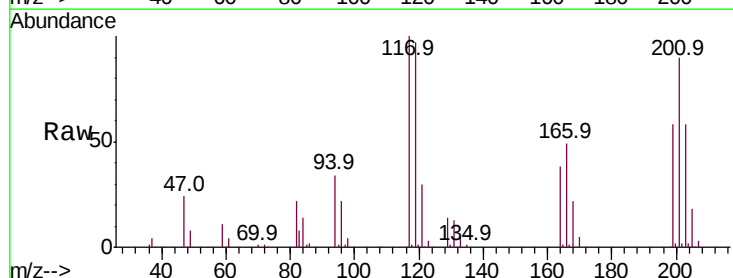
Instrument :
BNA_F
ClientSampleId :

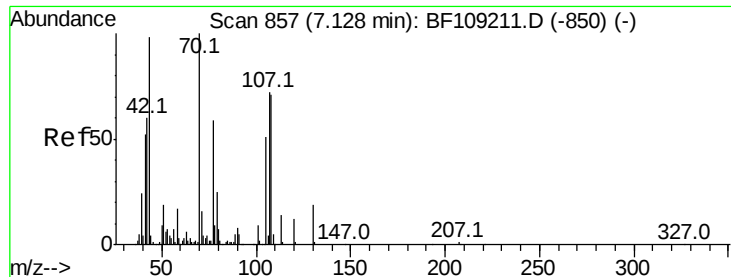
Tot Ion:107 Resp: 229124
Ion Ratio Lower Upper
107 100
108 115.3 91.7 137.5
77 46.0 33.8 50.8
79 44.7 33.8 50.8



#18
Hexachloroethane
Concen: 27.807 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Tgt Ion:117 Resp: 96028
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.8
201 90.3 75.7 113.5

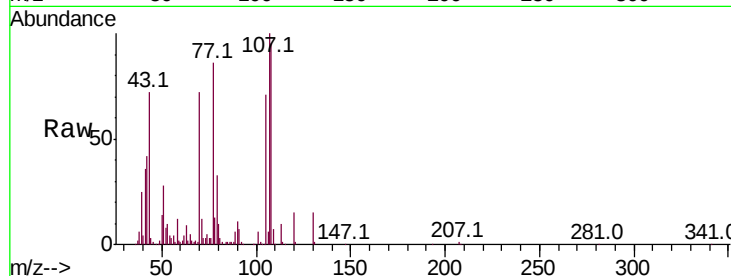




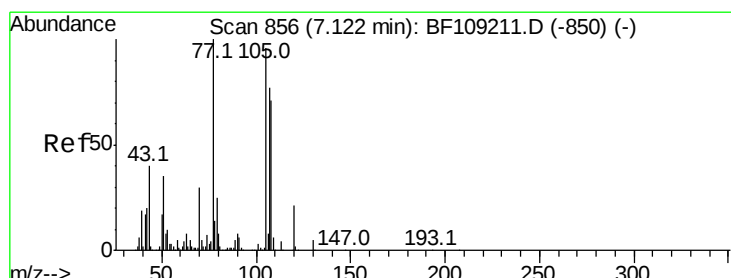
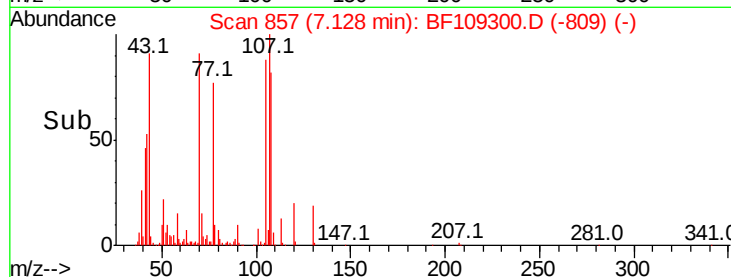
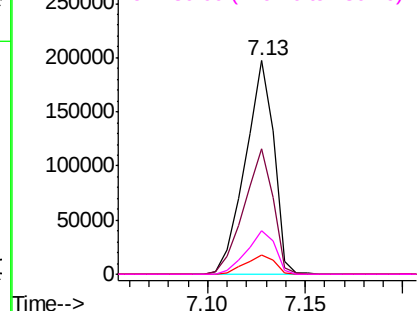
#19
n-Nitroso-di-n-propylamine
Concen: 31.543 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 200423
Ion Ratio Lower Upper
70 100
42 58.9 47.5 71.3
101 9.0 7.4 11.2
130 20.5 16.6 25.0

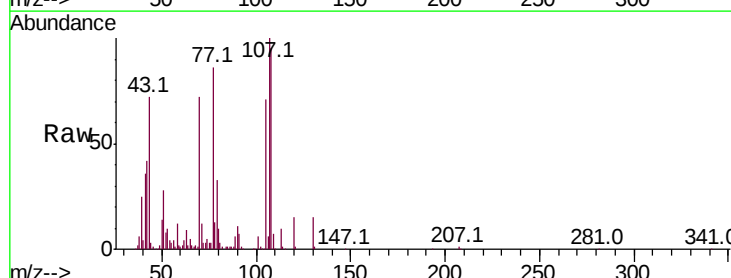


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

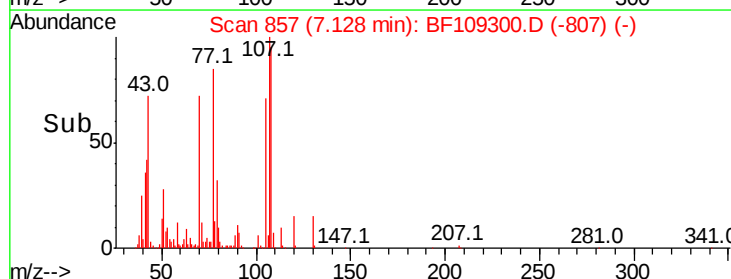
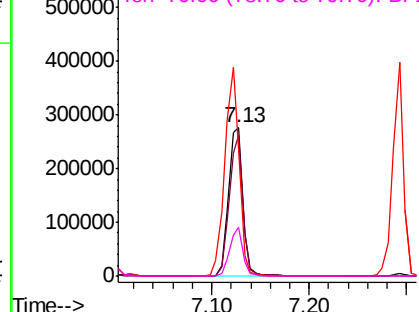


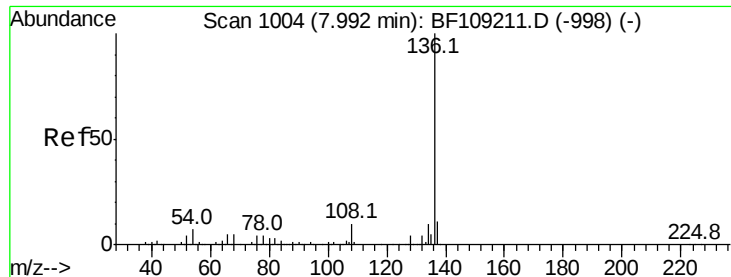
#20
3+4-Methylphenols
Concen: 33.965 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Tgt Ion:107 Resp: 280388
Ion Ratio Lower Upper
107 100
108 95.3 68.2 108.2
77 85.5 26.7 66.7#
79 32.6 6.3 46.3



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

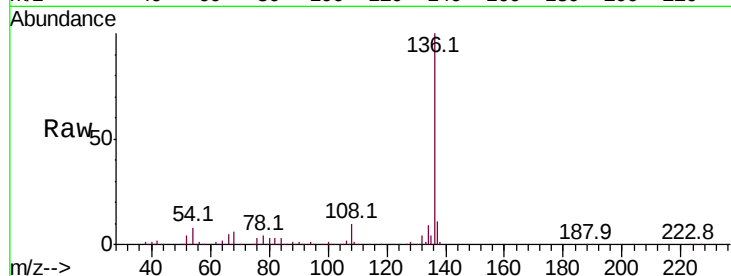




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	465057
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 7.5	6.6	9.8
68 5.8	5.0	7.4



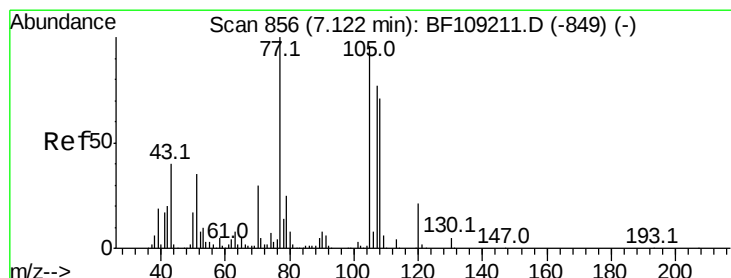
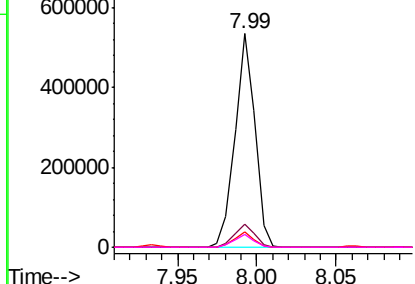
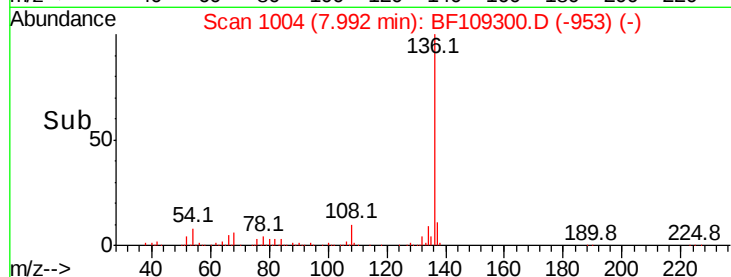
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

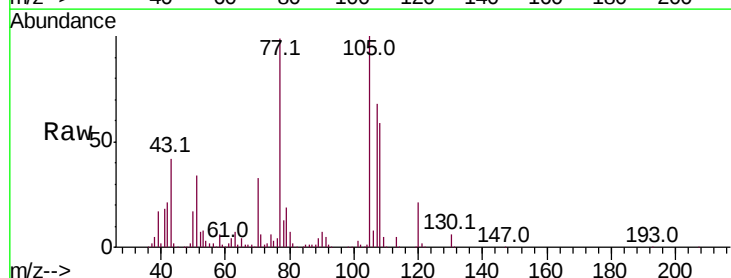
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 36.142 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Tgt	Ion:105	Resp:	388598
Ion	Ratio	Lower	Upper
105	100		
71	5.6	4.4	6.6
51	34.1	22.3	33.5#
120	21.4	16.9	25.3



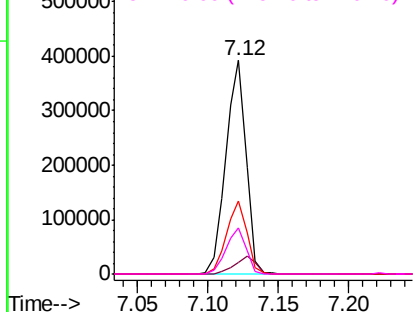
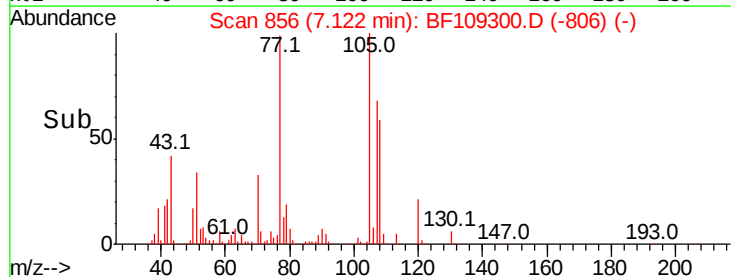
Abundance

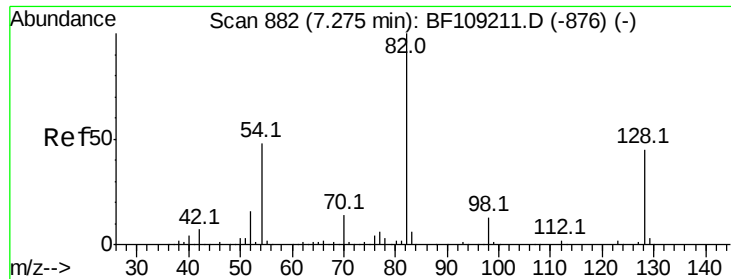
Ion 105.00 (104.70 to 105.70): E

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

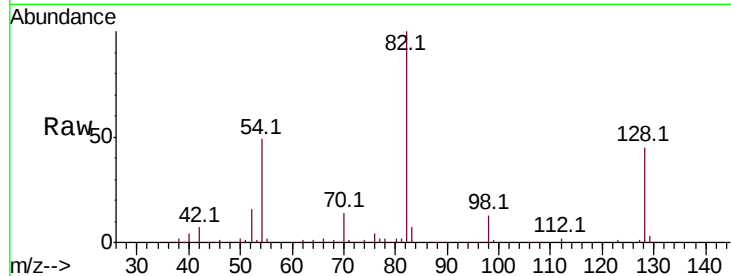




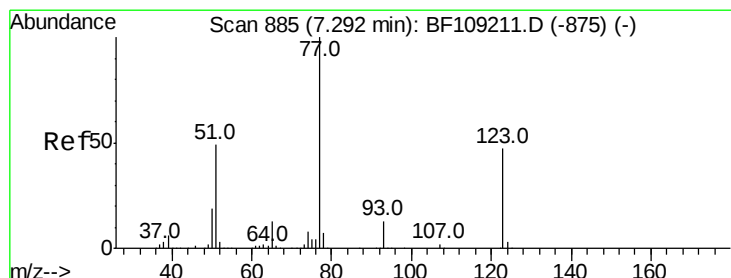
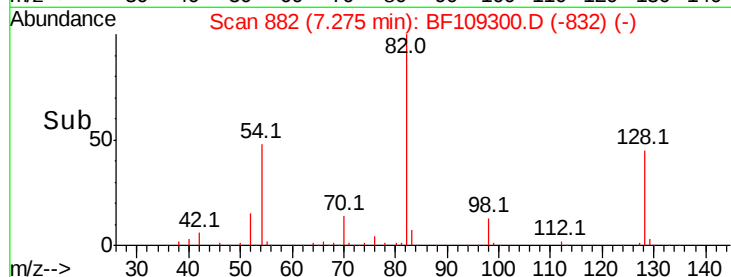
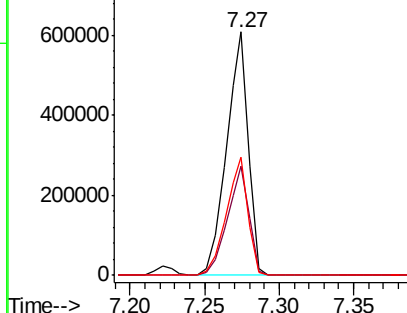
#23
 Nitrobenzene-d5
 Concen: 79.081 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	623009
Ion Ratio	Lower	Upper	
82	100		
128	45.0	36.1	54.1
54	48.6	41.4	62.2

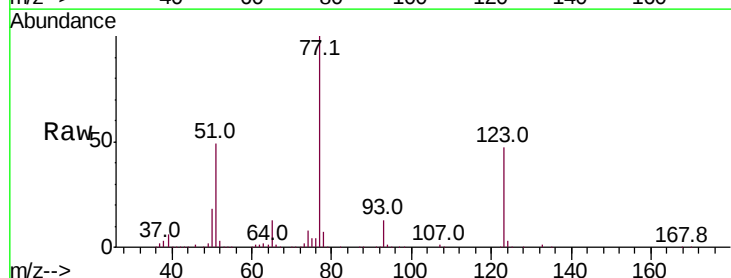


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

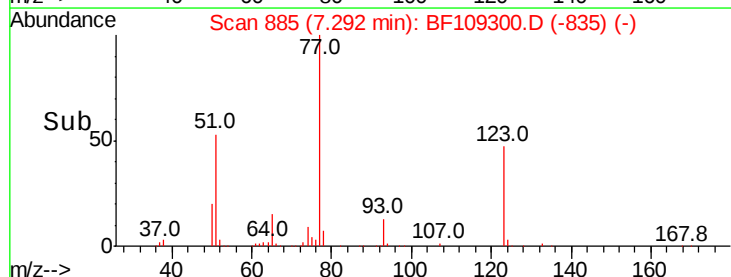
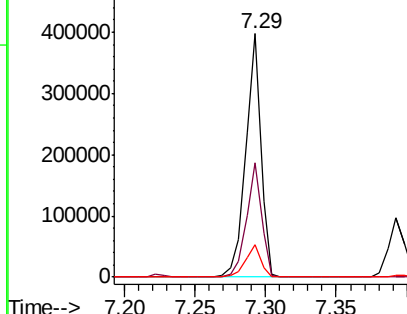


#24
 Nitrobenzene
 Concen: 35.899 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

Tgt Ion	77	Resp	300707
Ion Ratio	Lower	Upper	
77	100		
123	46.8	37.9	56.9
65	13.2	11.0	16.4



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

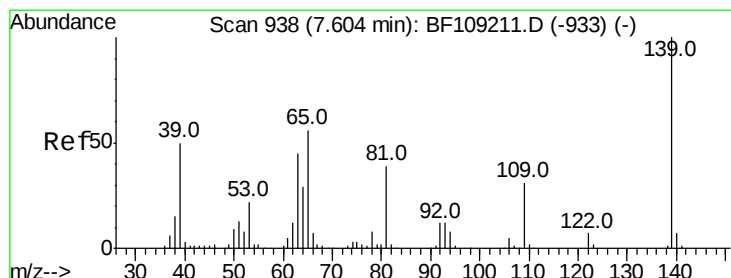
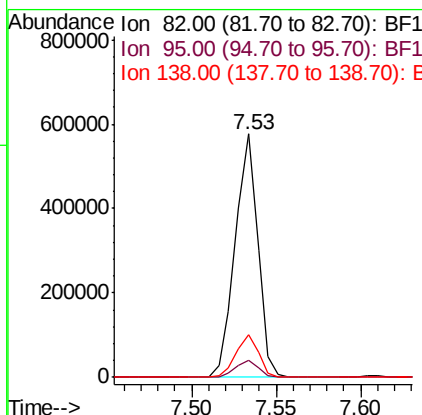
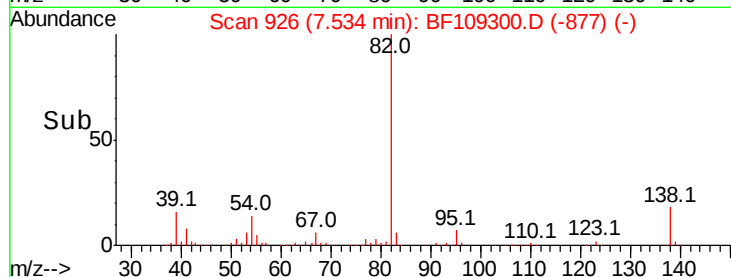
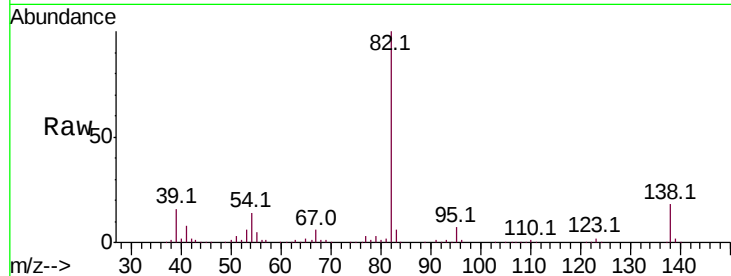




#25
Isophorone
Concen: 38.106 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

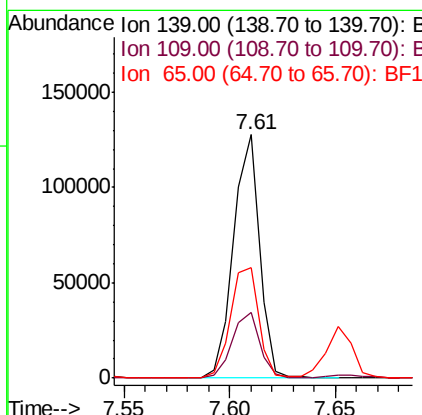
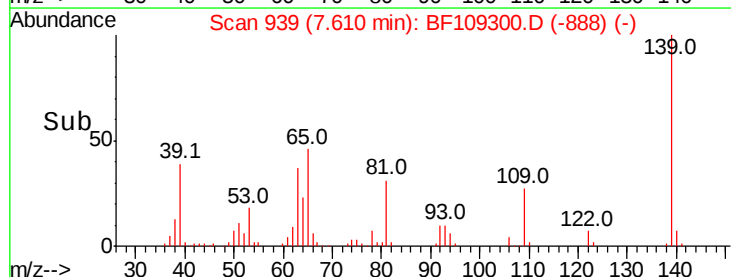
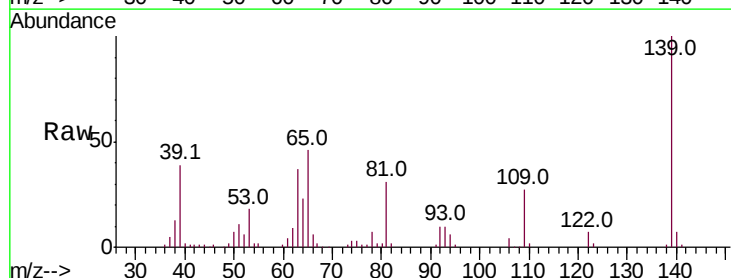
Instrument :
BNA_F
ClientSampleId :

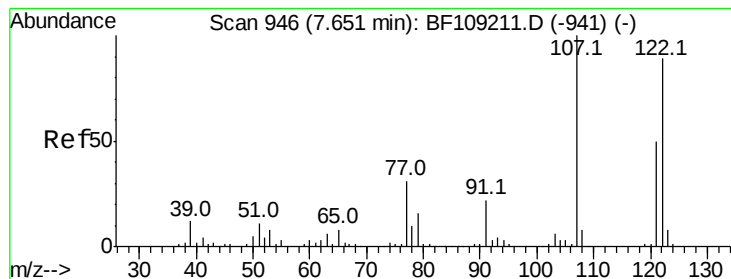
Tot Ion: 82 Resp: 540588
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 17.7 14.9 22.3



#26
2-Nitrophenol
Concen: 32.746 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Tgt Ion:139 Resp: 108477
Ion Ratio Lower Upper
139 100
109 27.0 22.7 34.1
65 45.5 40.5 60.7

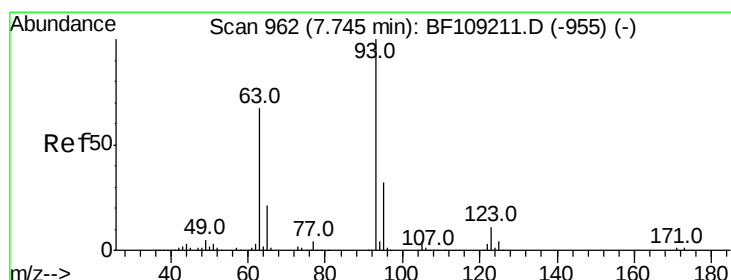
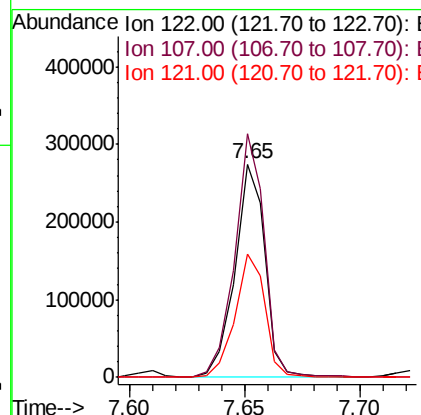
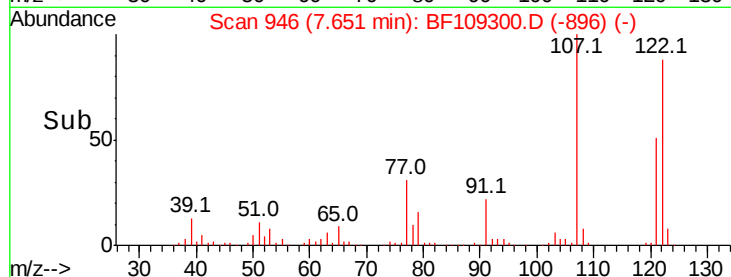
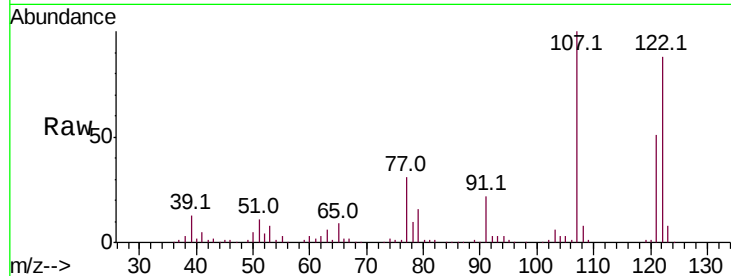




#27
 2,4-Dimethylphenol
 Concen: 40.188 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

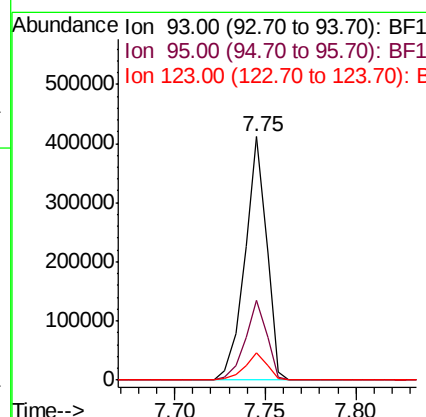
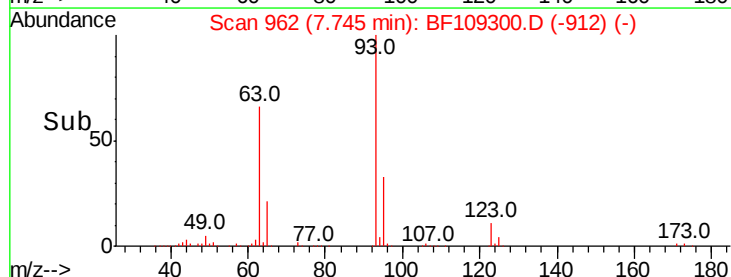
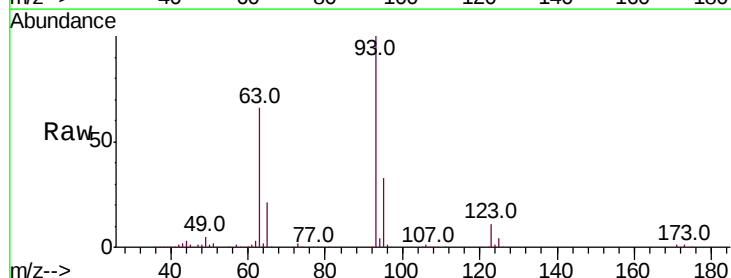
Instrument :
 BNA_F
 ClientSampled :

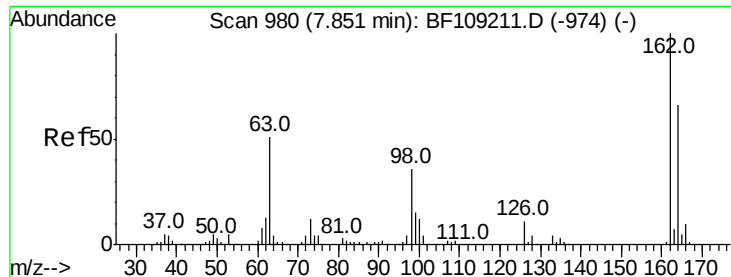
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.1	91.2	136.8
121	57.7	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.357 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.0	9.8	14.6

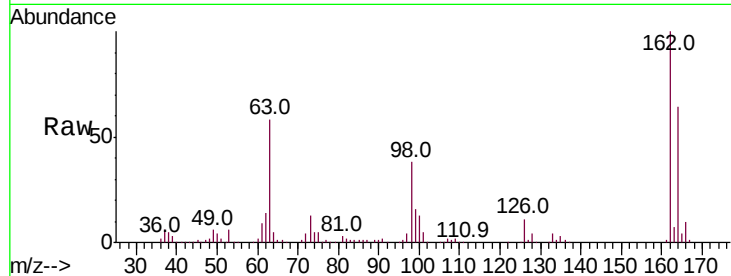




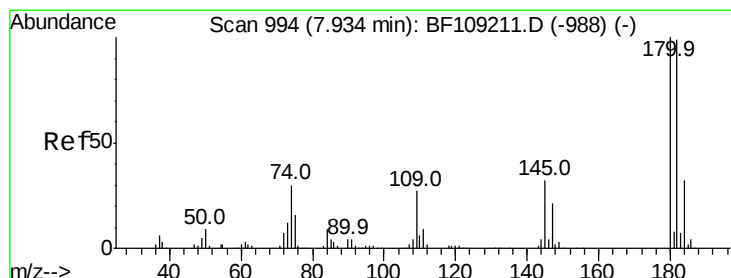
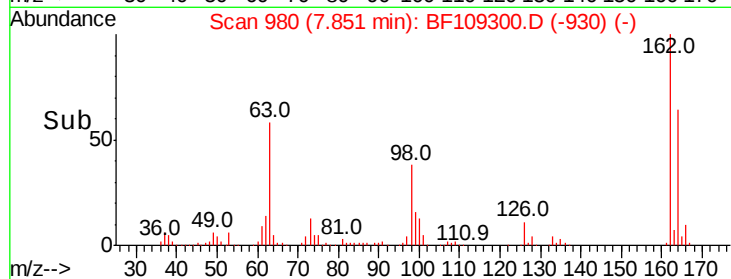
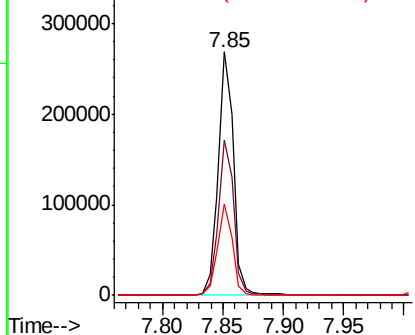
#29
 2,4-Dichlorophenol
 Concen: 35.709 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.7	82.7
98	37.7	18.1	58.1

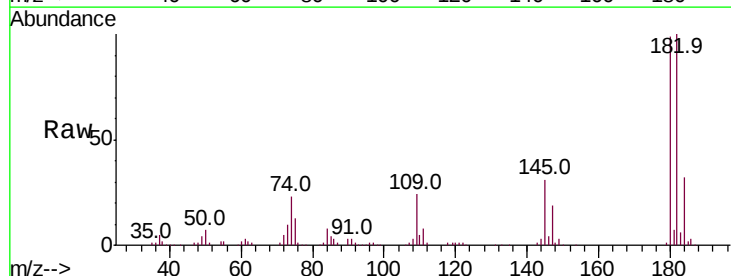


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

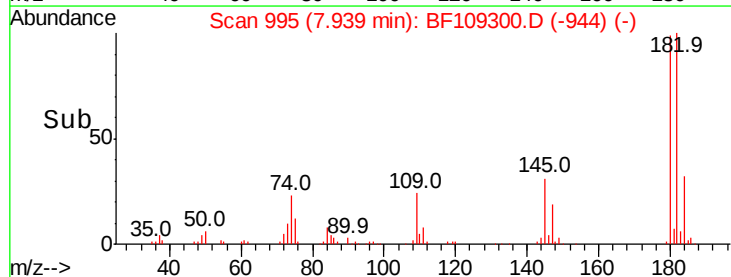
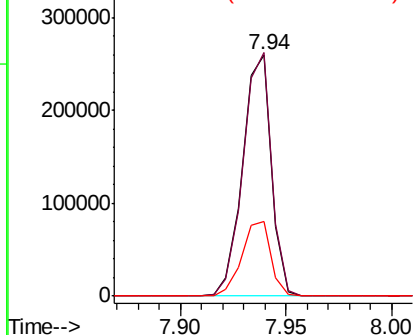


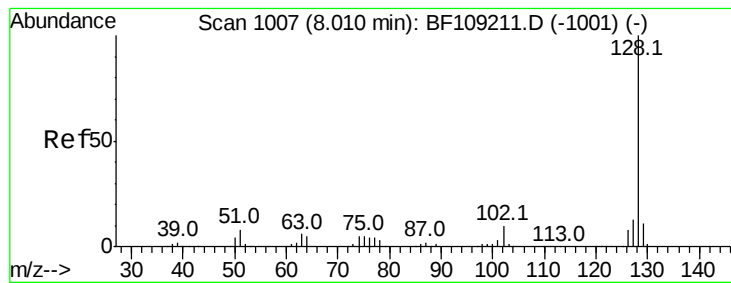
#30
 1,2,4-Trichlorobenzene
 Concen: 33.815 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.8	76.8	115.2
145	30.8	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: 36.777 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

Instrument :

BNA_F

ClientSampleId :

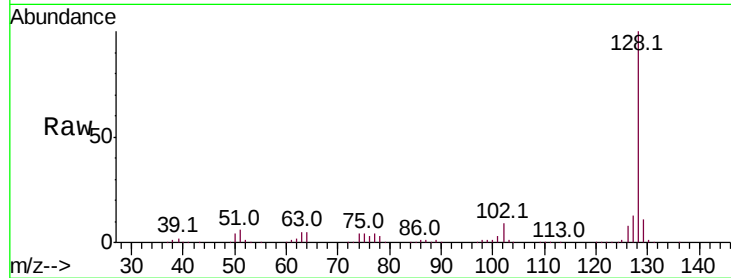
Tot Ion:128 Resp: 799231

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

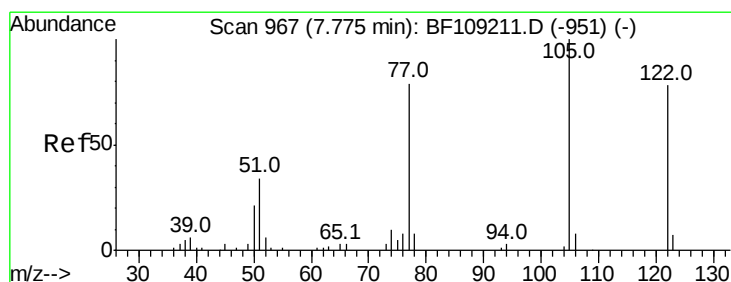
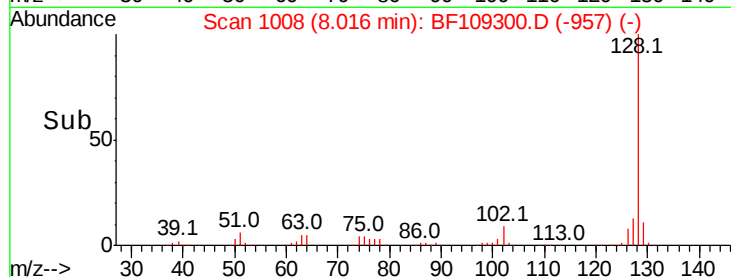
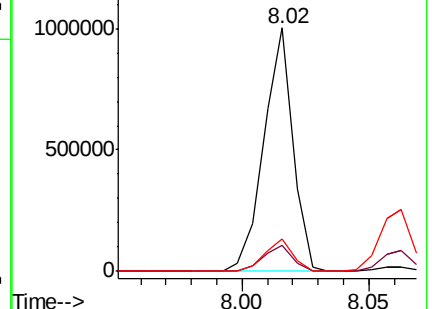
127 13.3 10.9 16.3



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: 9.126 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.02 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

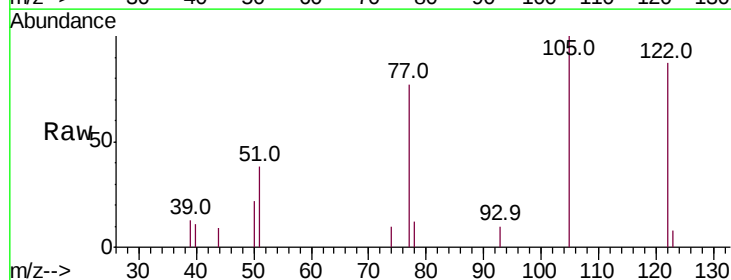
Tgt Ion:122 Resp: 11399

Ion Ratio Lower Upper

122 100

105 115.1 101.1 141.1

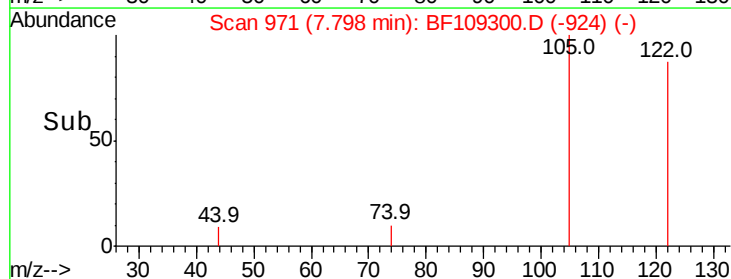
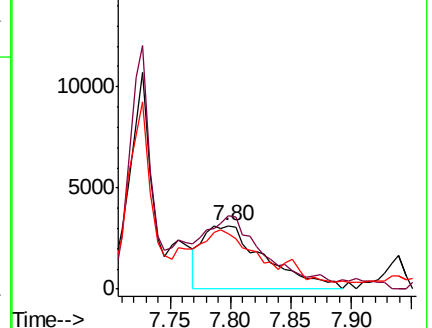
77 88.1 70.7 110.7

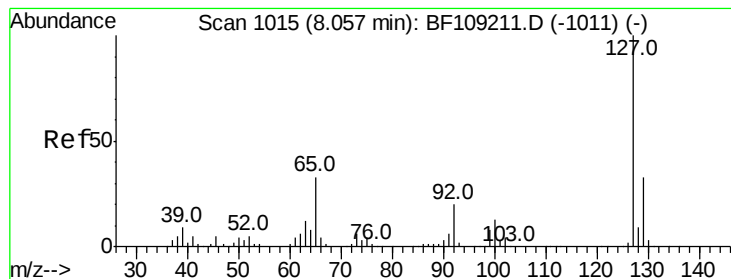


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 24.131 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 229098

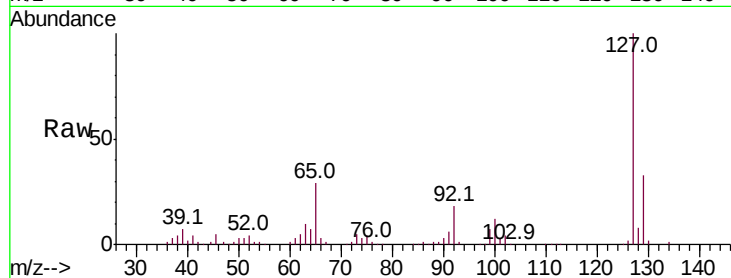
Ion Ratio Lower Upper

127 100

129 32.8 25.9 38.9

65 28.5 25.0 37.4

92 18.3 15.2 22.8

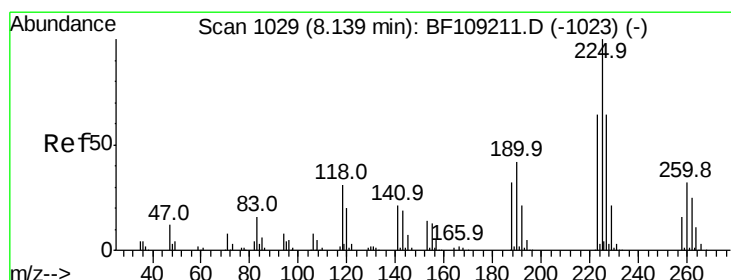
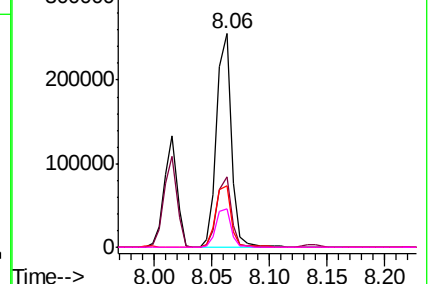
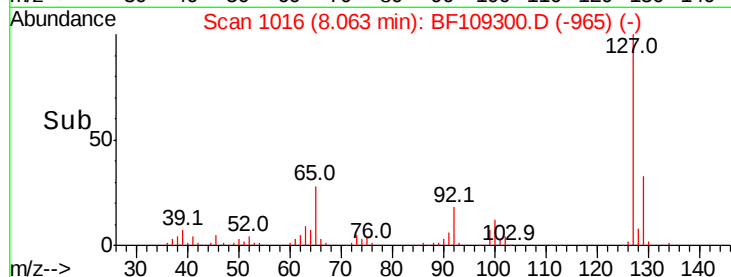


Abundance Ion 127.00 (126.70 to 127.70): E

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: 33.107 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

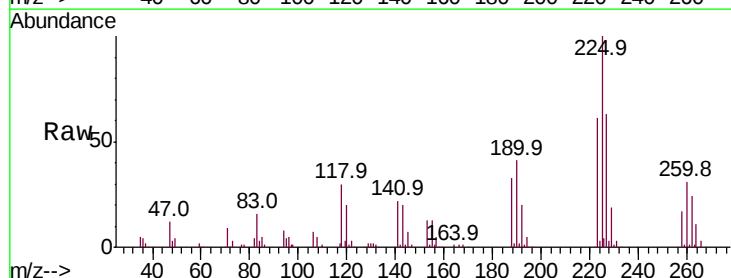
Tgt Ion:225 Resp: 144840

Ion Ratio Lower Upper

225 100

223 60.6 50.6 76.0

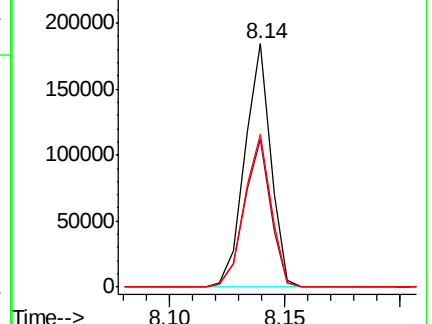
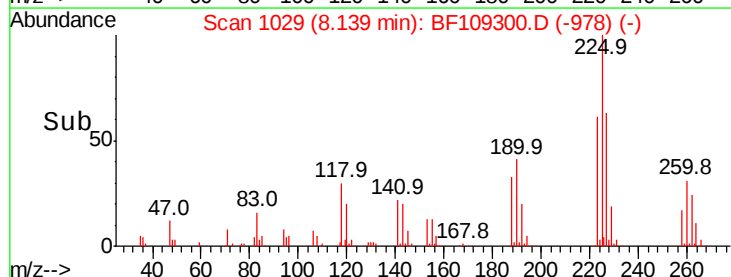
227 63.0 51.9 77.9

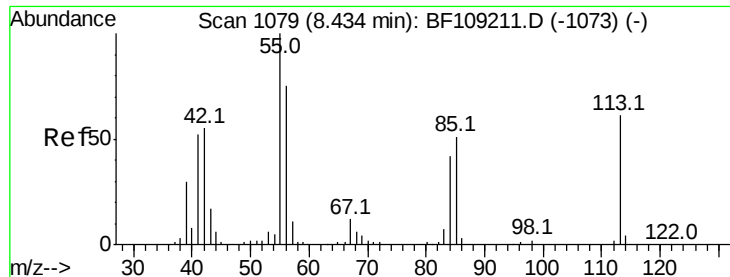


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

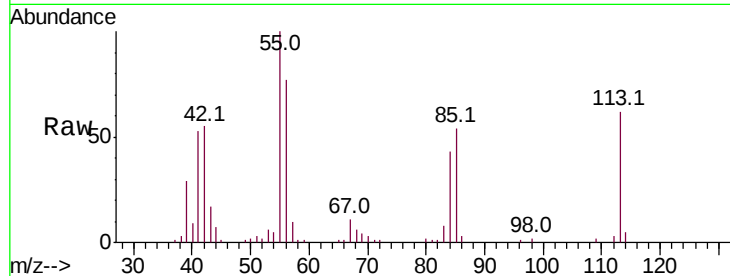




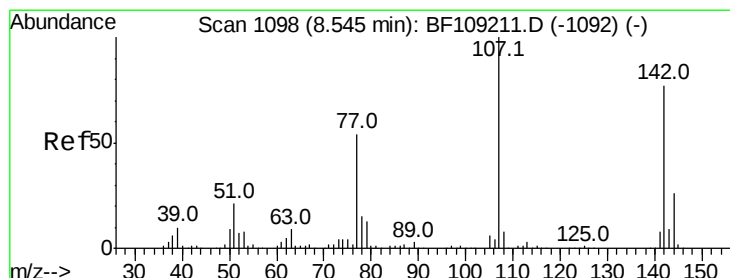
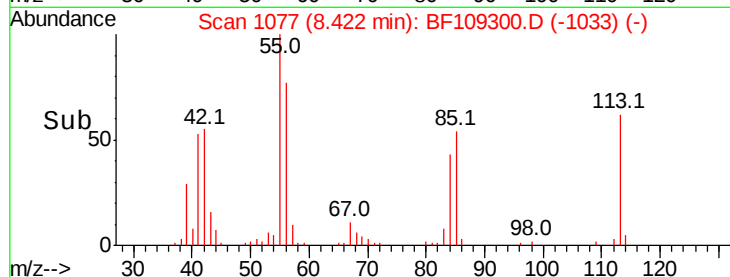
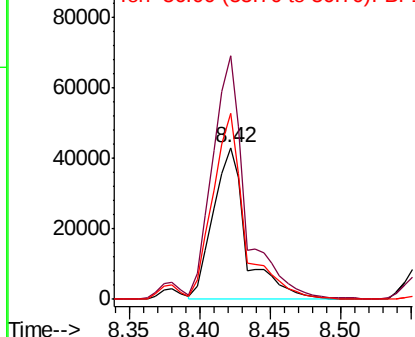
#35
 Caprolactam
 Concen: 33.955 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 70405
 Ion Ratio Lower Upper
 113 100
 55 160.8 163.3 203.3#
 56 123.1 115.7 155.7

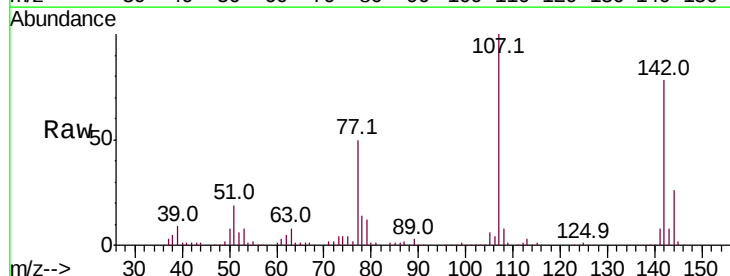


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

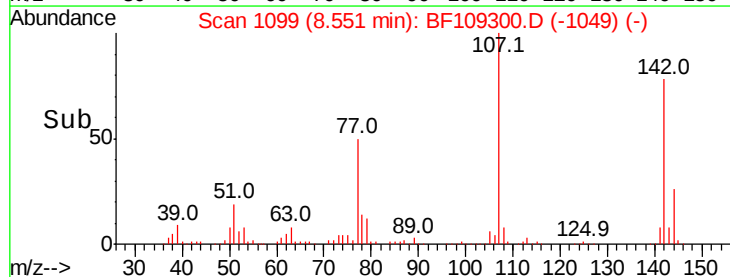
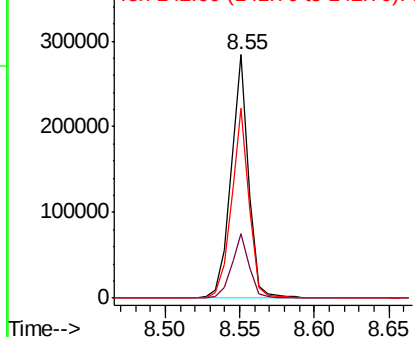


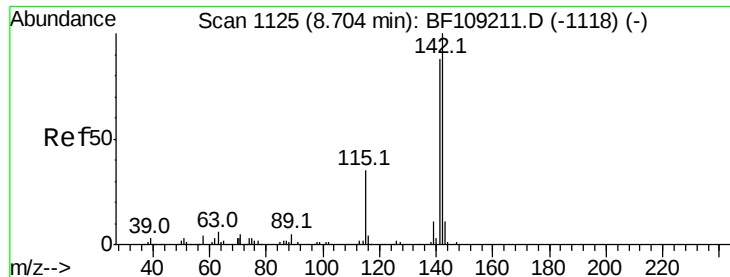
#36
 4-Chloro-3-methylphenol
 Concen: 34.793 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

Tgt Ion:107 Resp: 237779
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.5 30.7
 142 77.8 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

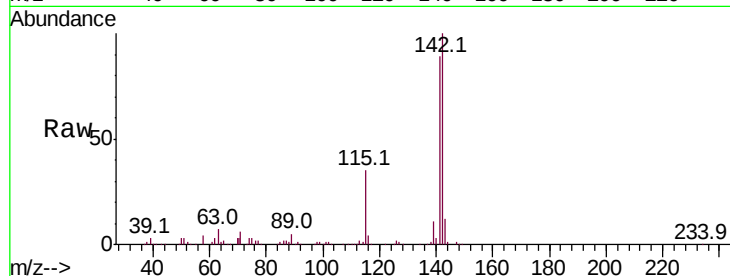




#37
2-Methylnaphthalene
Concen: 37.493 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	34.8	26.1	39.1

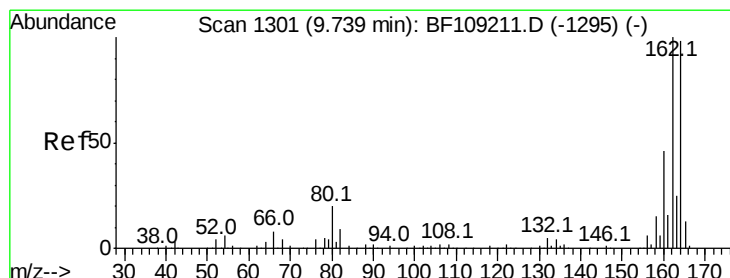
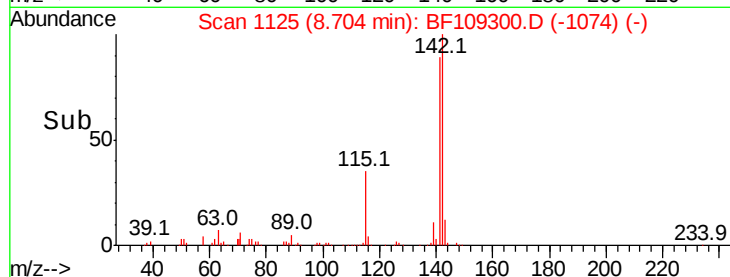
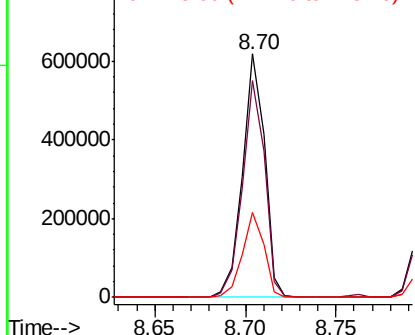


Abundance

Ion 142.00 (141.70 to 142.70): E

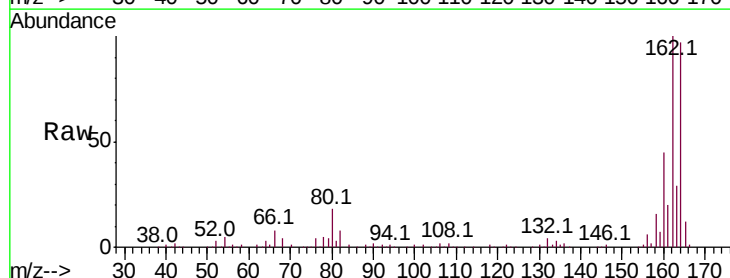
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	46.9	38.3	57.5

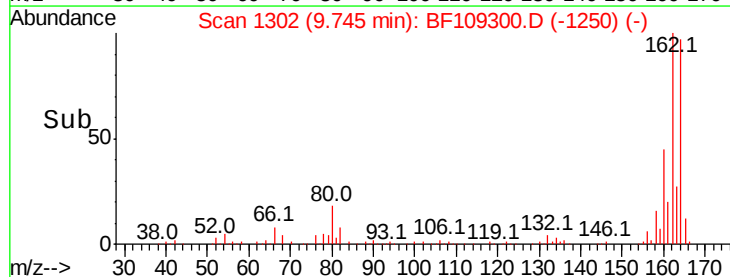
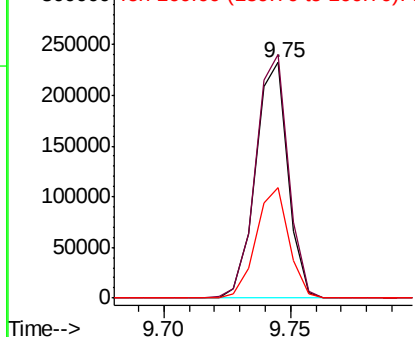


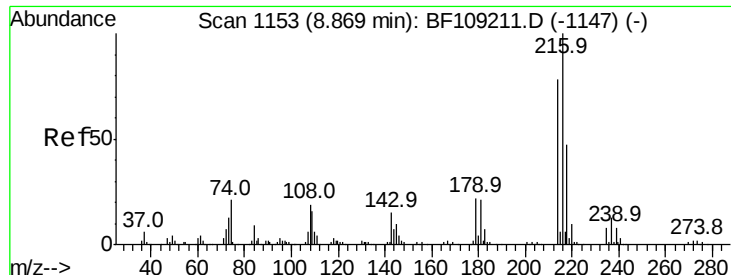
Abundance

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: 36.460 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 239436

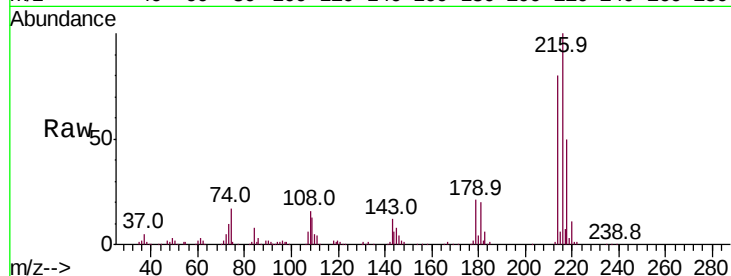
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 20.9 18.1 27.1

108 17.5 17.2 25.8

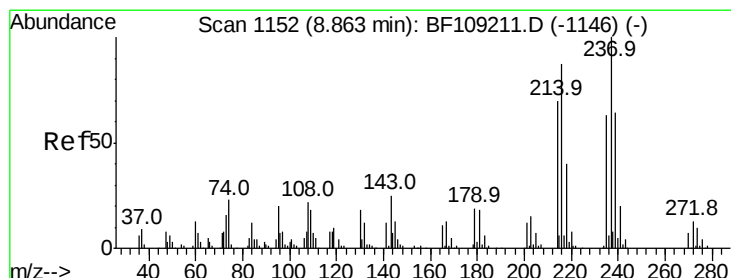
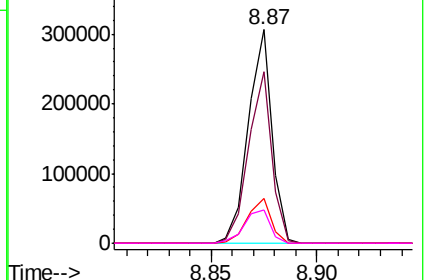
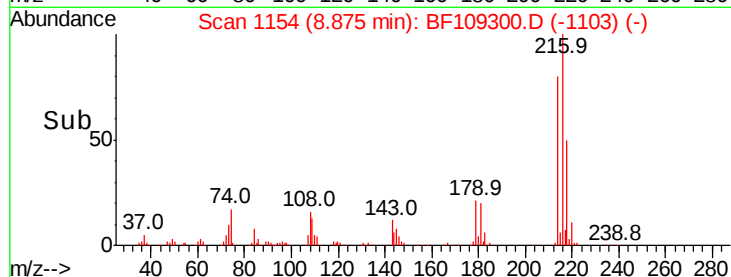


Abundance Ion 216.00 (215.70 to 216.70): E

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: 12.293 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

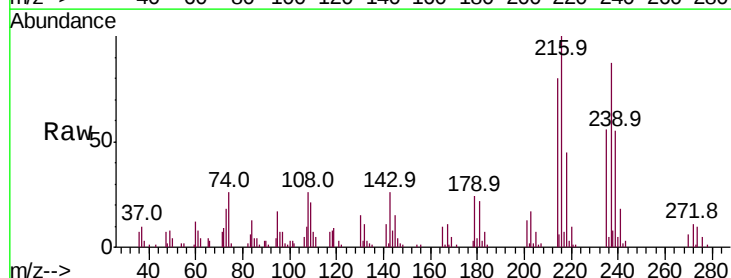
Tgt Ion:237 Resp: 35212

Ion Ratio Lower Upper

237 100

235 64.1 44.8 84.8

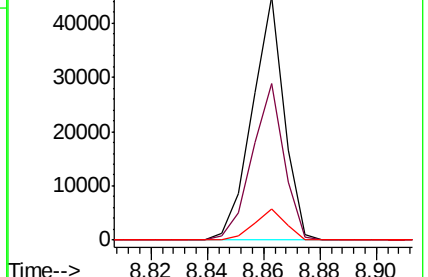
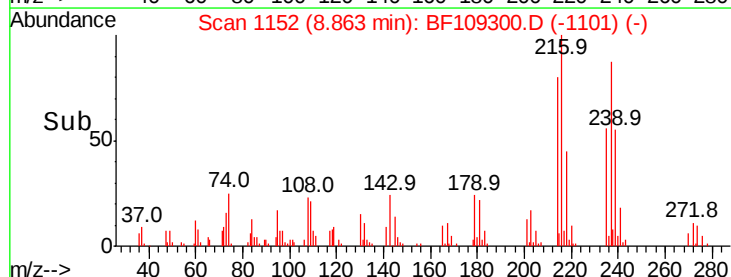
272 12.6 0.0 33.3

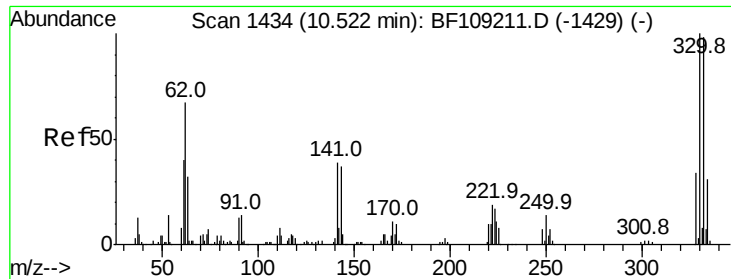


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 101.305 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

Instrument :

BNA_F

ClientSampleId :

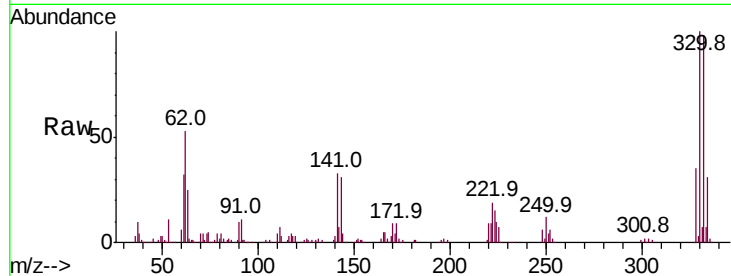
Tot Ion:330 Resp: 206069

Ion Ratio Lower Upper

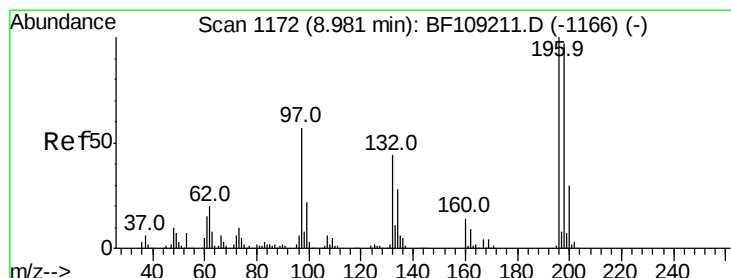
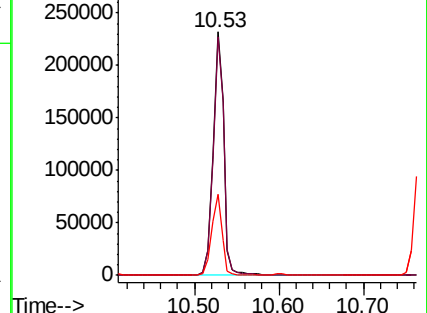
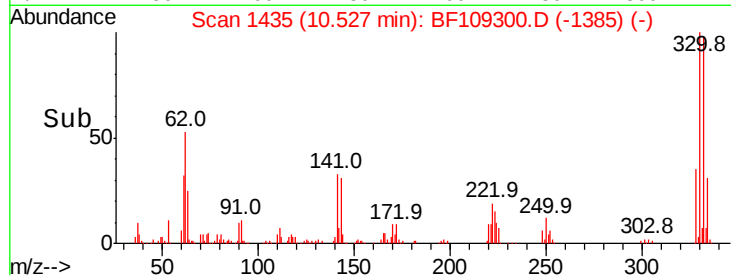
330 100

332 97.5 77.0 115.6

141 32.1 29.9 44.9



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



#42

2,4,6-Trichlorophenol

Concen: 35.856 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

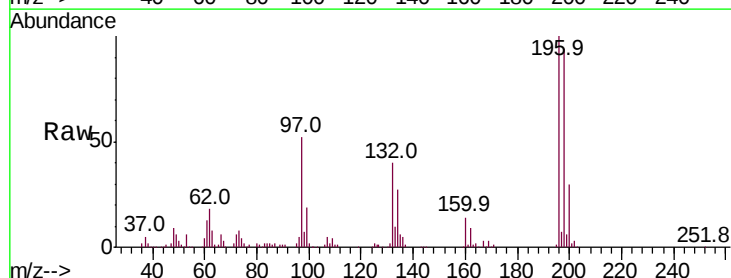
Tgt Ion:196 Resp: 151126

Ion Ratio Lower Upper

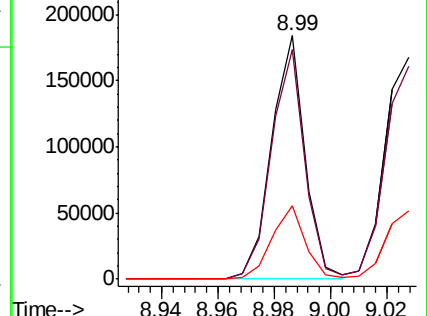
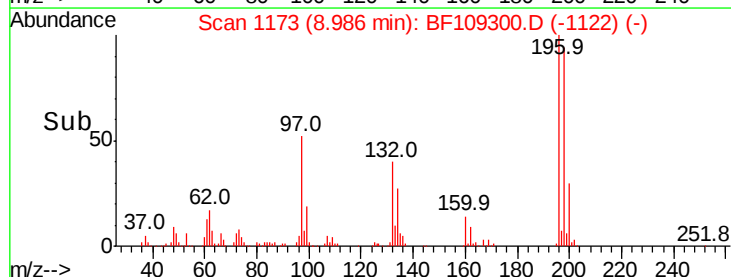
196 100

198 94.1 75.7 113.5

200 30.2 24.5 36.7



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

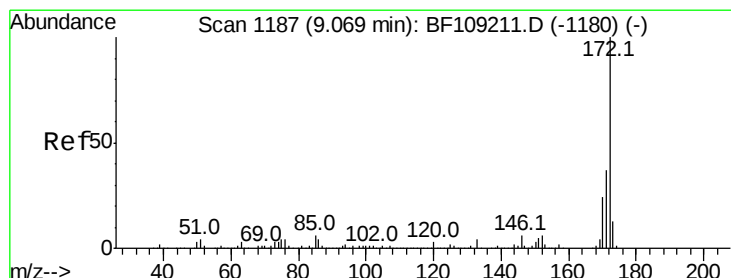
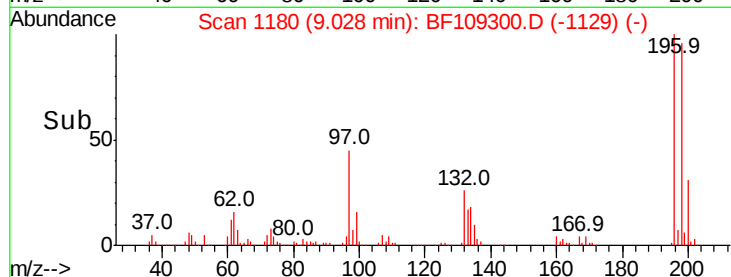
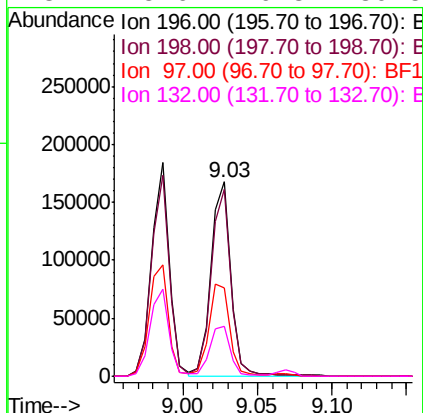
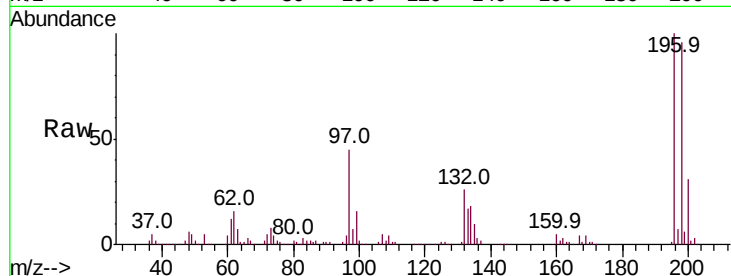




#43
 2,4,5-Trichlorophenol
 Concen: 34.777 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

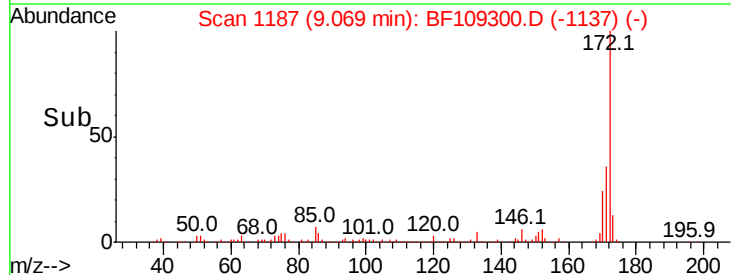
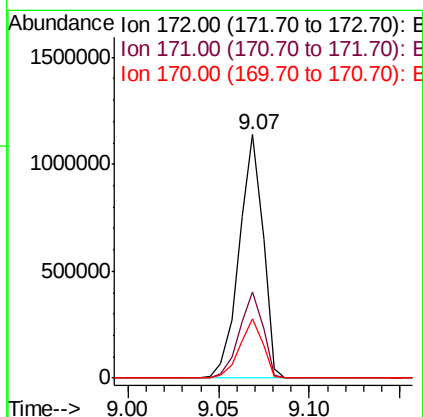
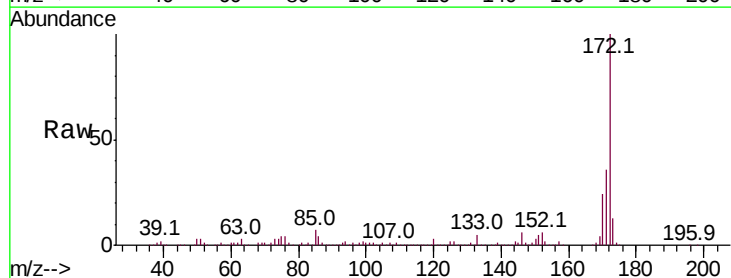
Instrument :
 BNA_F
 ClientSampleId :

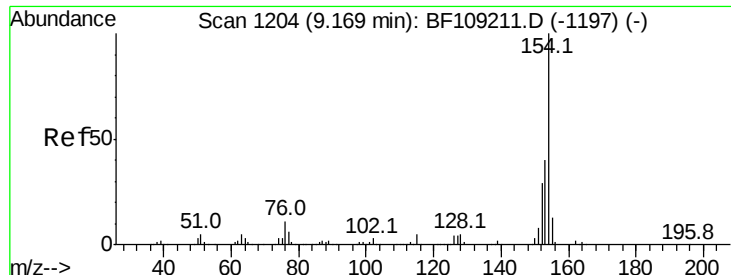
Tot Ion:	196	Resp:	154805
Ion	Ratio	Lower	Upper
196	100		
198	96.3	74.6	112.0
97	45.1	42.9	64.3
132	25.6	26.3	39.5#



#44
 2-Fluorobiphenyl
 Concen: 75.795 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

Tgt Ion:	172	Resp:	1037011
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.1	19.6	29.4

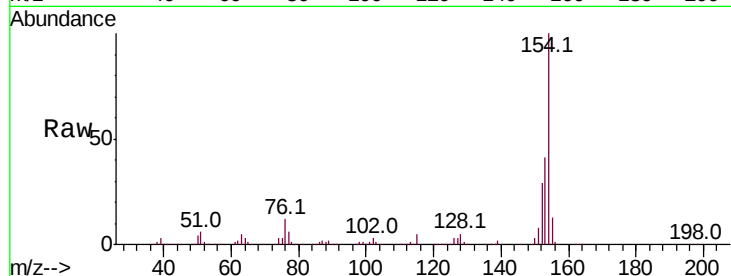




#45
 1,1'-Biphenyl
 Concen: 36.346 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	12.4	0.0	34.0

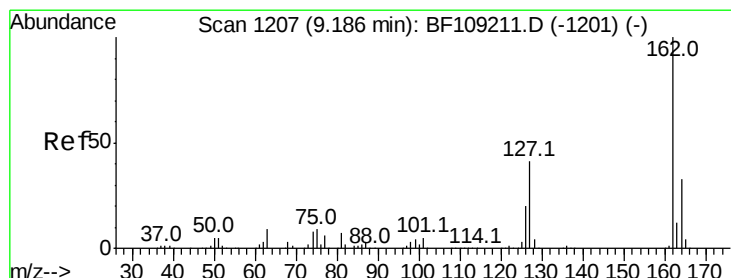
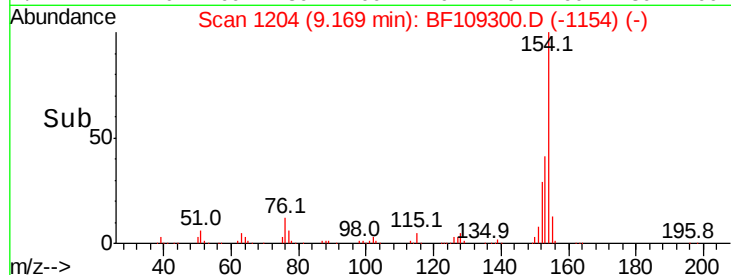
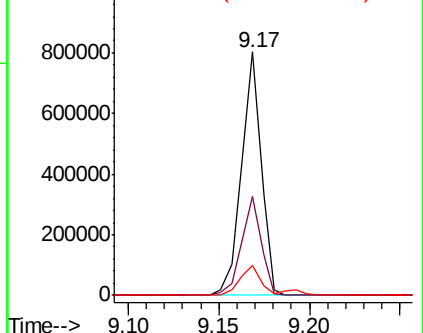


Abundance

Ion 154.00 (153.70 to 154.70): E

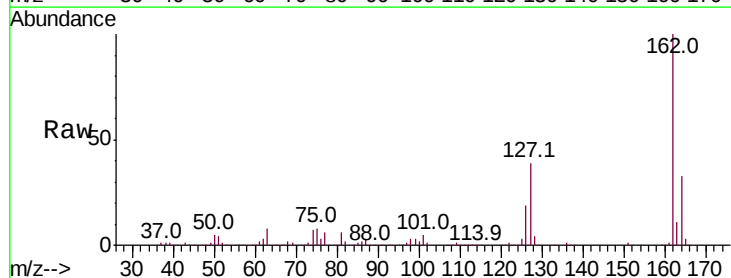
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 34.688 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	33.9	50.9
164	32.8	26.5	39.7

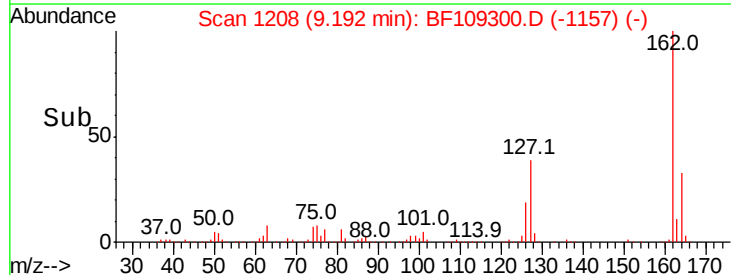
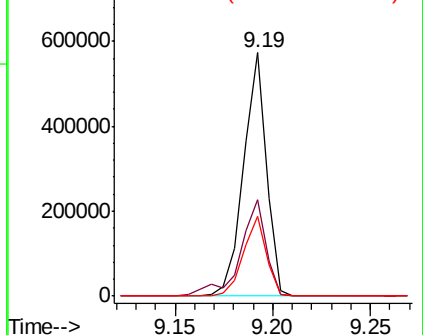


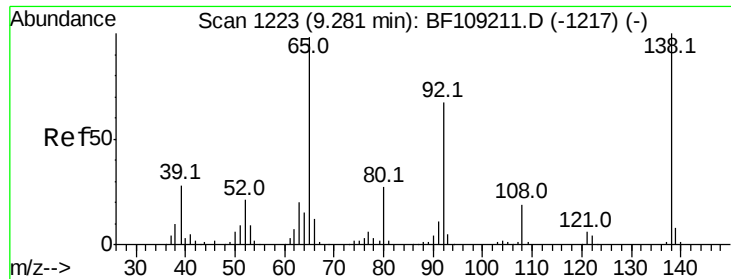
Abundance

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

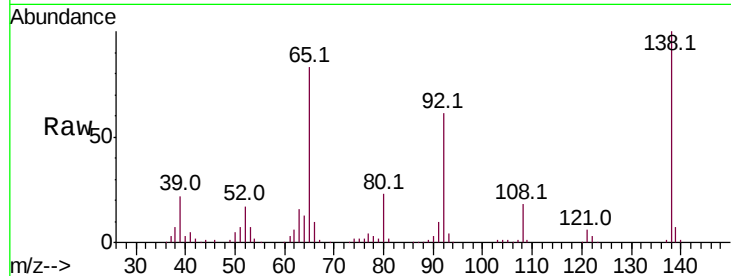




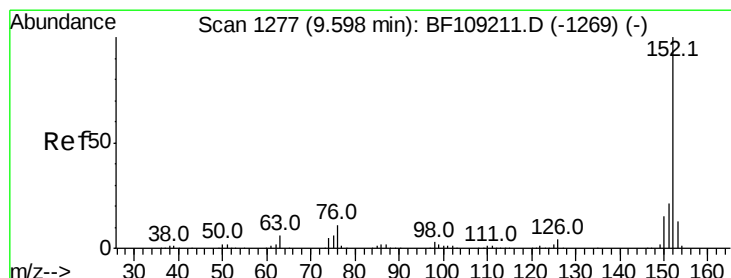
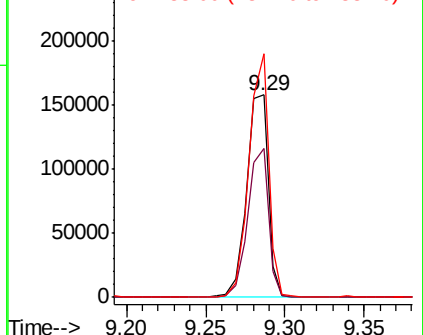
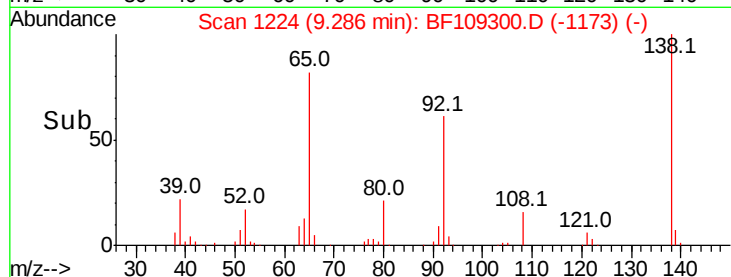
#47
2-Nitroaniline
Concen: 39.384 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 149974
Ion Ratio Lower Upper
65 100
92 73.4 55.8 83.6
138 120.3 91.2 136.8

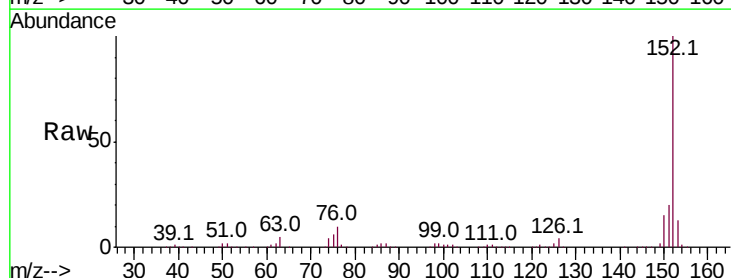


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

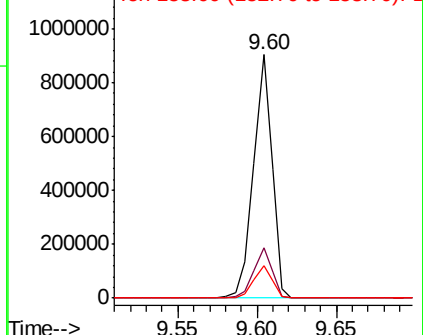
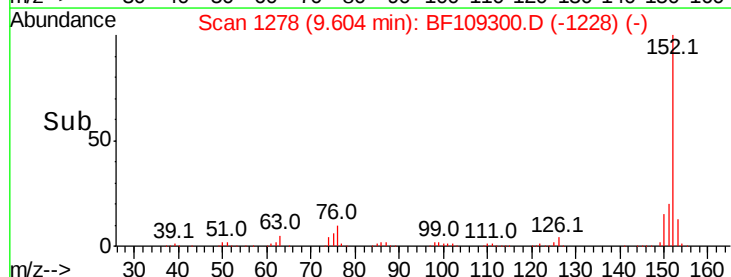


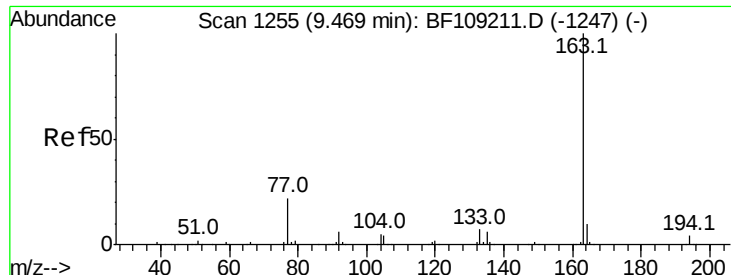
#48
Acenaphthylene
Concen: 36.383 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Tgt Ion:152 Resp: 737187
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.3 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

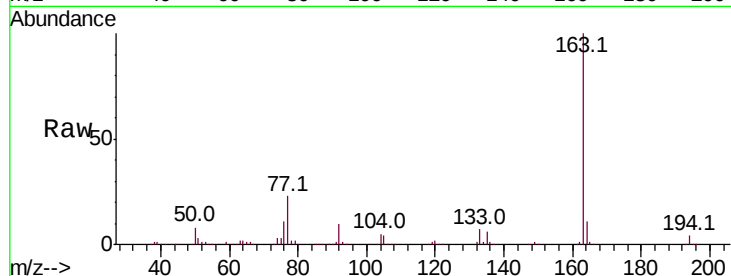




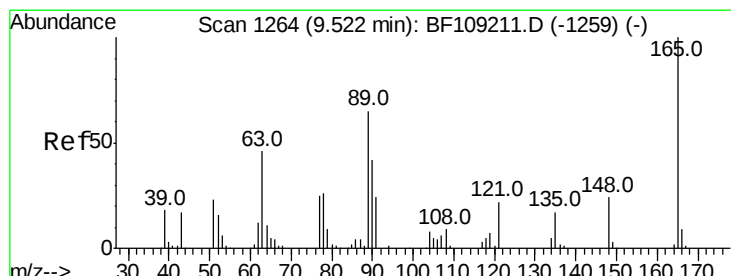
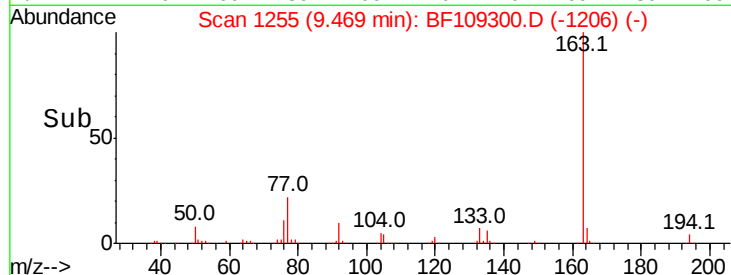
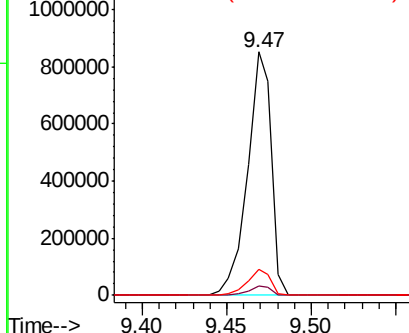
#49
Dimethylphthalate
Concen: 55.958 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 839831
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.8 8.2 12.2

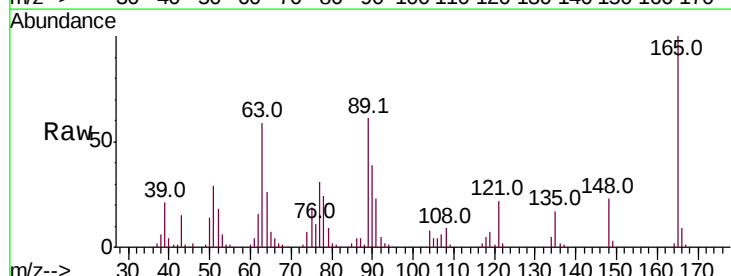


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

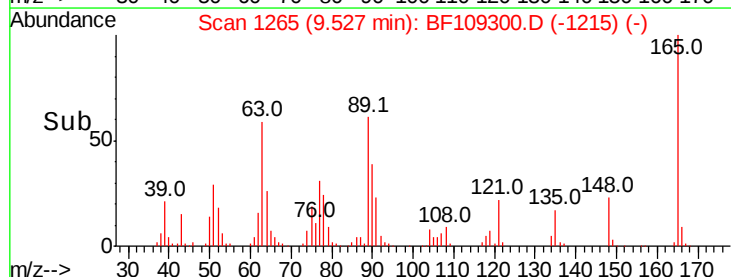
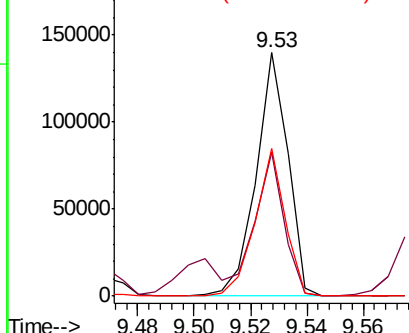


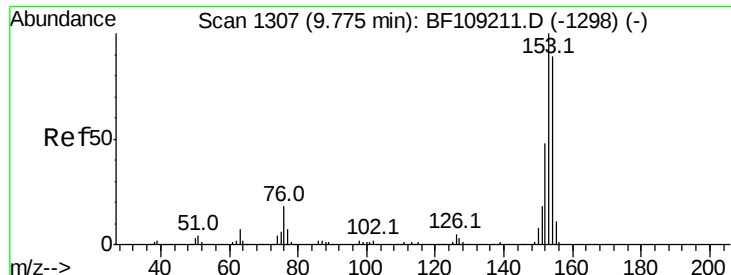
#50
2,6-Dinitrotoluene
Concen: 36.788 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Tgt Ion:165 Resp: 109350
Ion Ratio Lower Upper
165 100
63 59.2 44.7 67.1
89 60.7 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: 34.173 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

Instrument :

BNA_F

ClientSampleId :

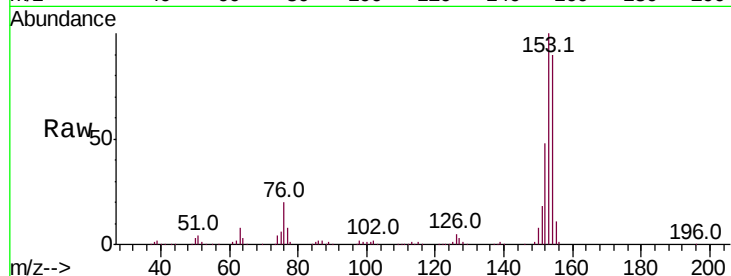
Tot Ion:154 Resp: 418624

Ion Ratio Lower Upper

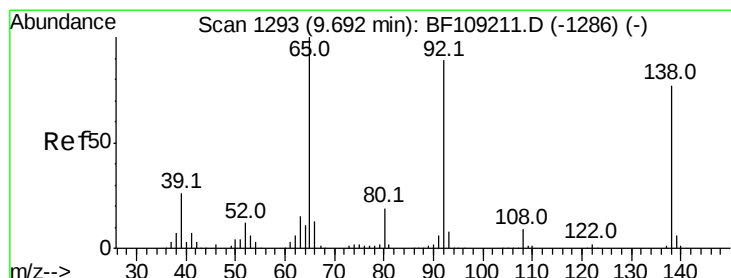
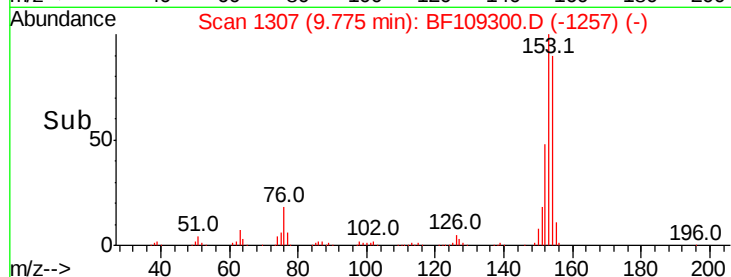
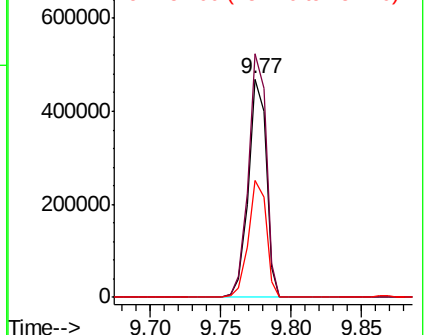
154 100

153 111.6 91.2 136.8

152 53.8 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: 37.490 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

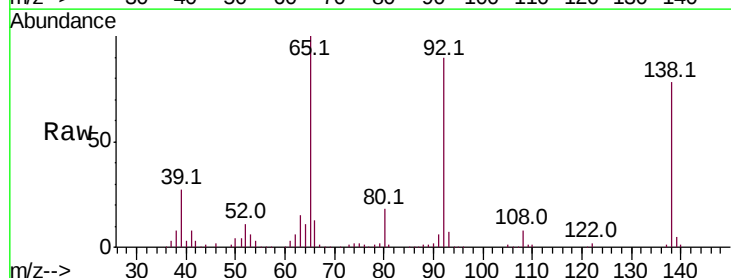
Tgt Ion:138 Resp: 129051

Ion Ratio Lower Upper

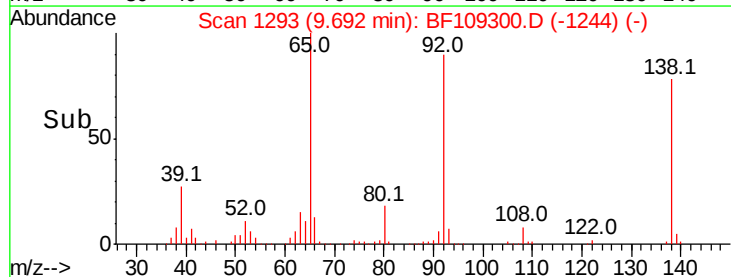
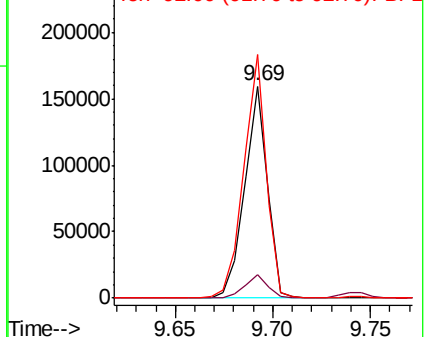
138 100

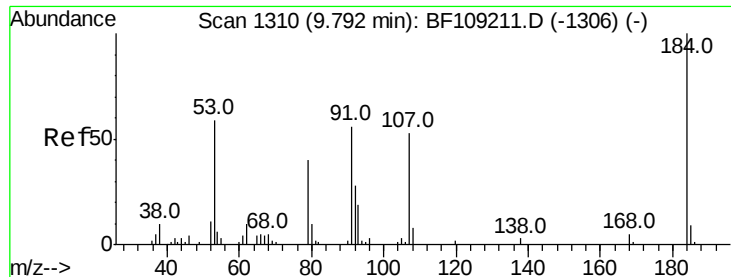
108 10.8 9.4 14.0

92 114.9 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

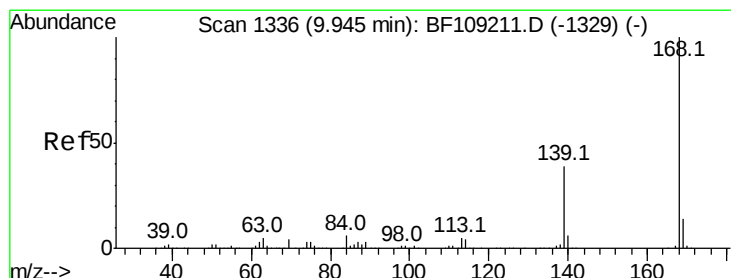
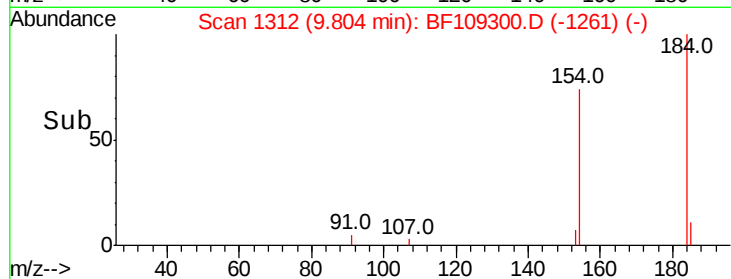
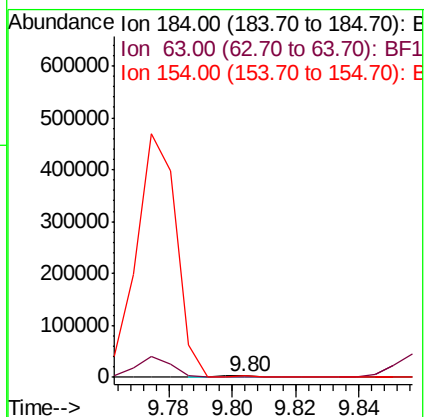
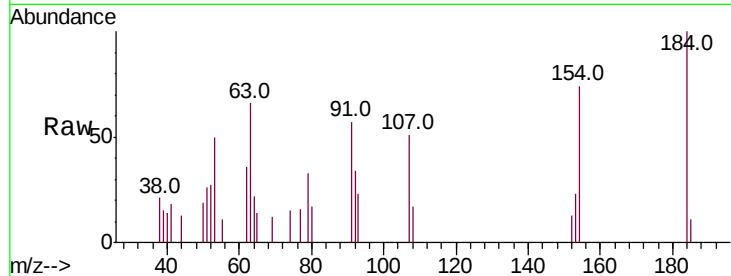




#53
2,4-Dinitrophenol
Concen: 10.815 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

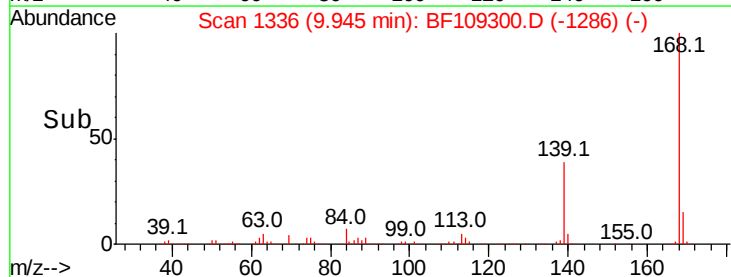
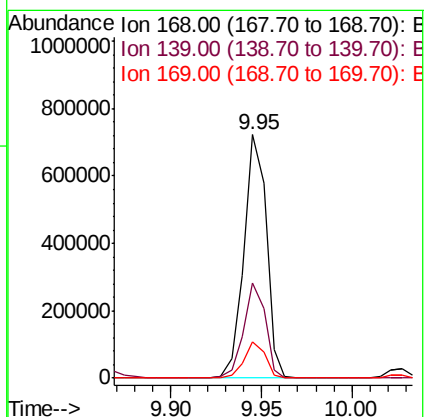
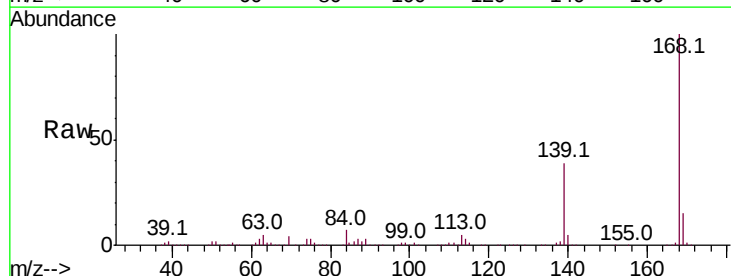
Instrument :
BNA_F
ClientSampled :

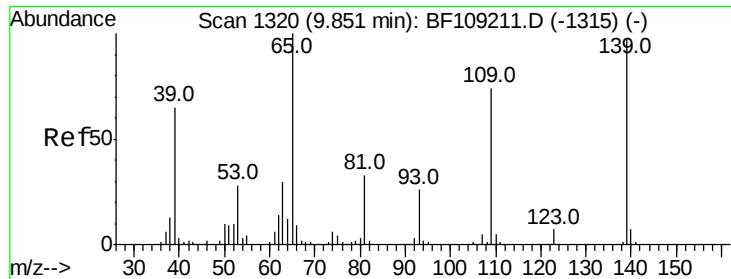
Tot Ion:184 Resp: 2728
Ion Ratio Lower Upper
184 100
63 65.7 54.2 81.2
154 74.5 184.0 276.0#



#54
Dibenzofuran
Concen: 34.222 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Tgt Ion:168 Resp: 623460
Ion Ratio Lower Upper
168 100
139 39.1 30.1 45.1
169 14.6 10.9 16.3

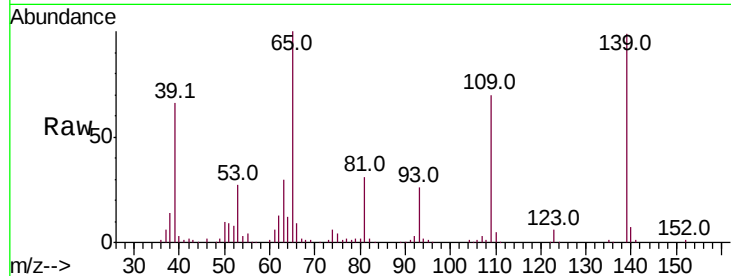




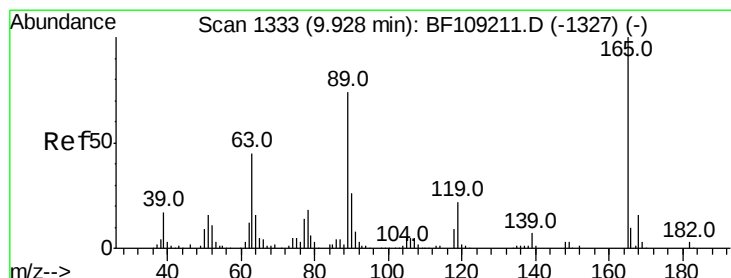
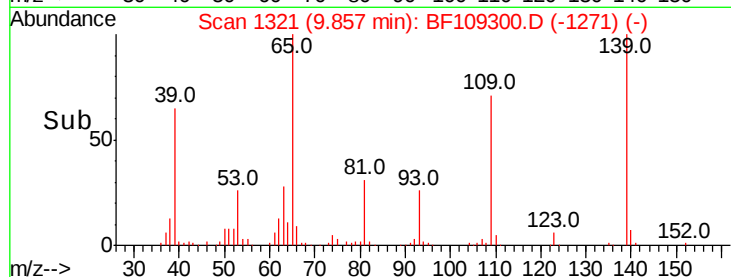
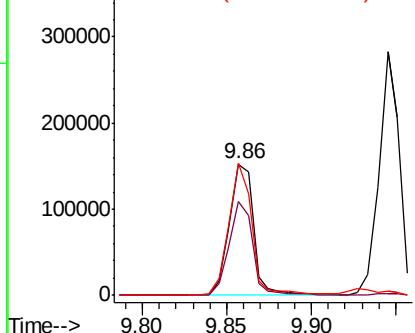
#55
4-Nitrophenol
Concen: 58.969 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 152915
Ion Ratio Lower Upper
139 100
109 71.0 48.4 88.4
65 100.7 72.6 112.6

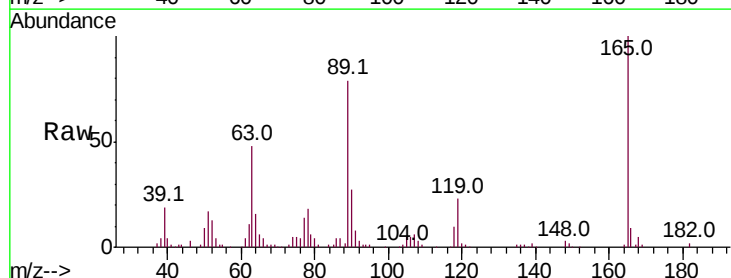


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

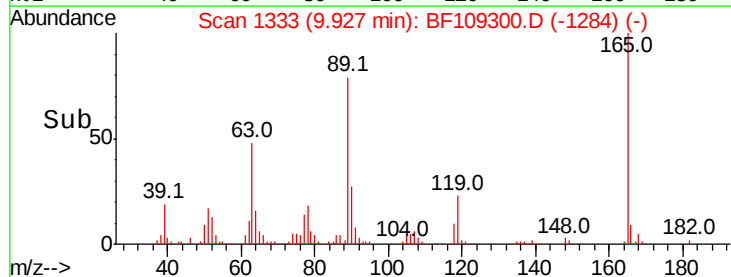
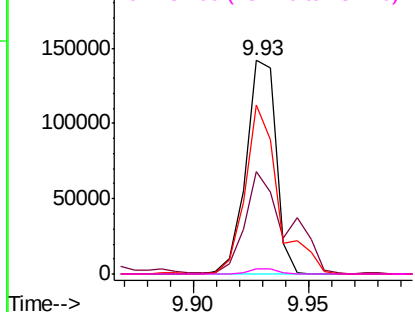


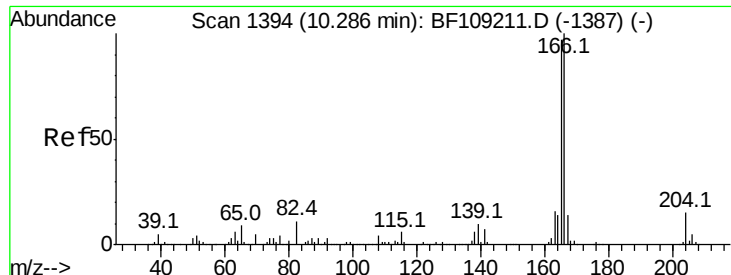
#56
2,4-Dinitrotoluene
Concen: 34.458 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Tgt Ion:165 Resp: 129597
Ion Ratio Lower Upper
165 100
63 48.1 36.4 54.6
89 79.1 57.8 86.6
182 2.5 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

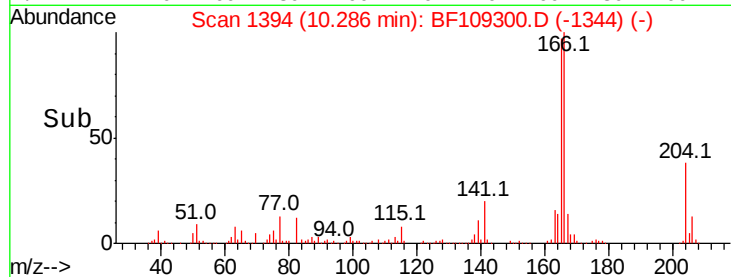
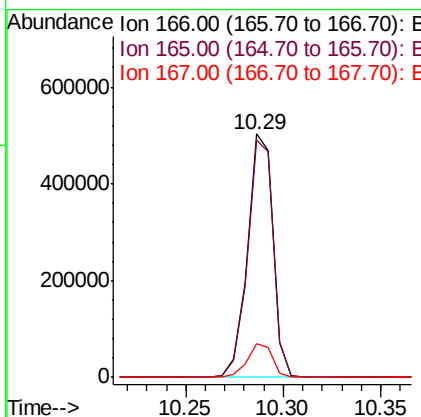
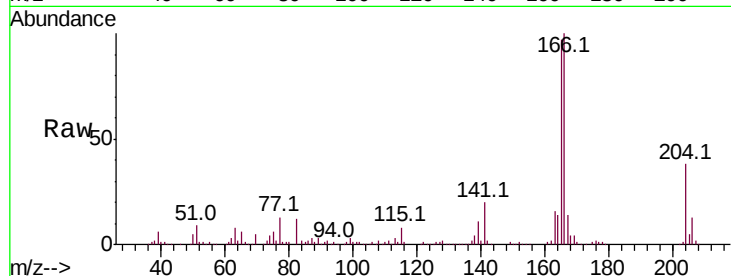




#57
 Fluorene
 Concen: 34.837 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

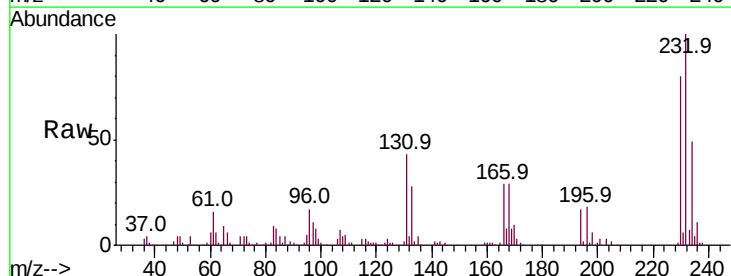
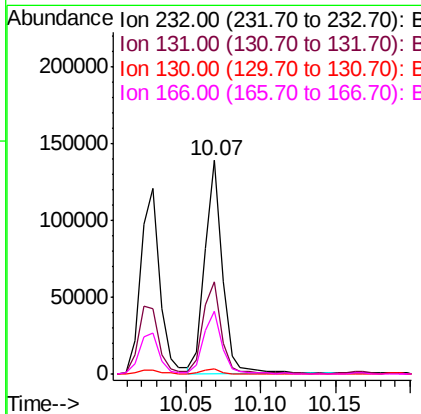
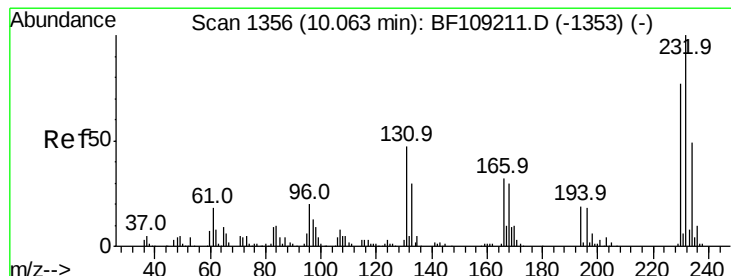
Instrument :
 BNA_F
 ClientSampleId :

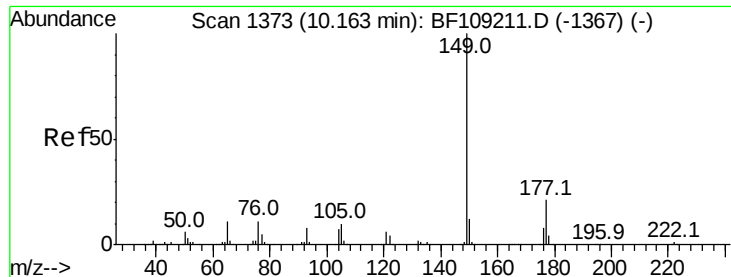
Tot Ion:166 Resp: 452834
 Ion Ratio Lower Upper
 166 100
 165 97.4 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.044 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

Tgt Ion:232 Resp: 112940
 Ion Ratio Lower Upper
 232 100
 131 45.8 43.8 65.8
 130 2.1 2.1 3.1#
 166 31.1 27.8 41.6

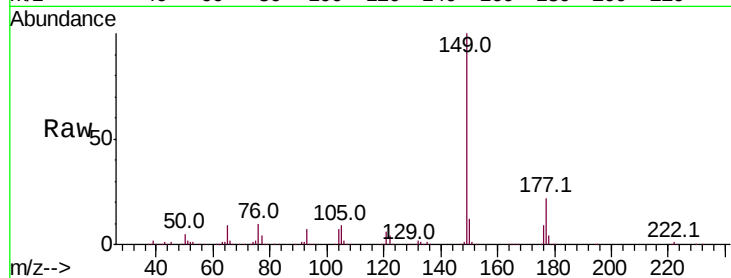




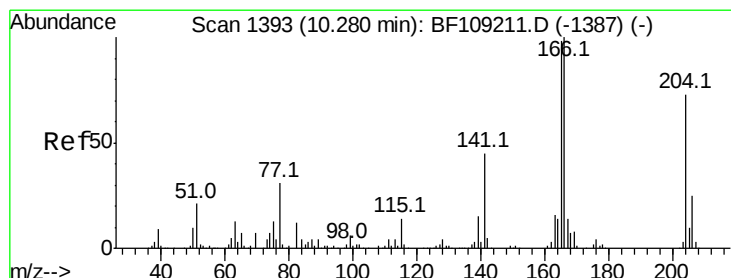
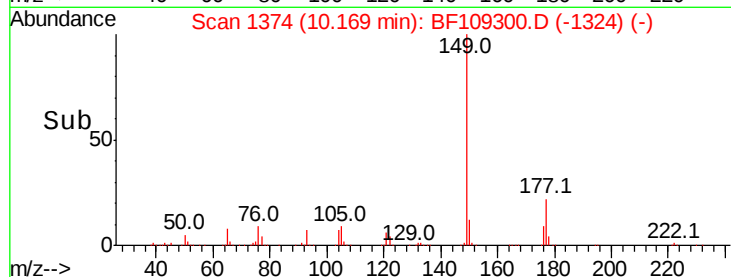
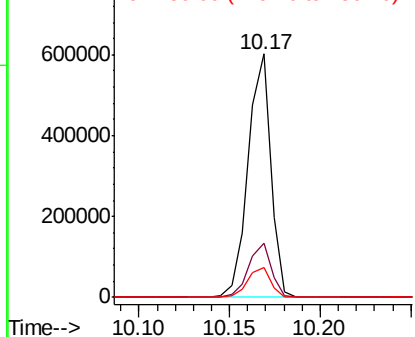
#59
Diethylphthalate
Concen: 34.546 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 525043
Ion Ratio Lower Upper
149 100
177 22.1 16.1 24.1
150 12.4 10.1 15.1

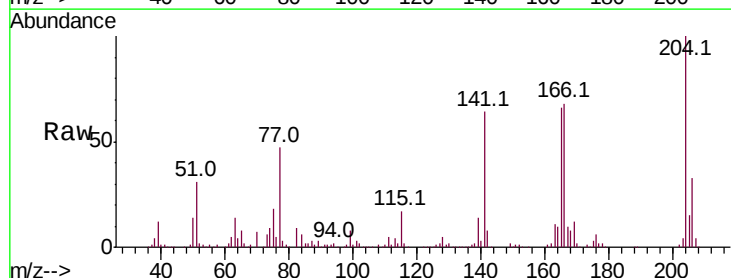


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

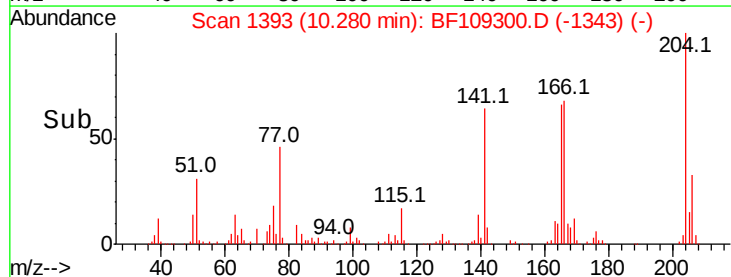
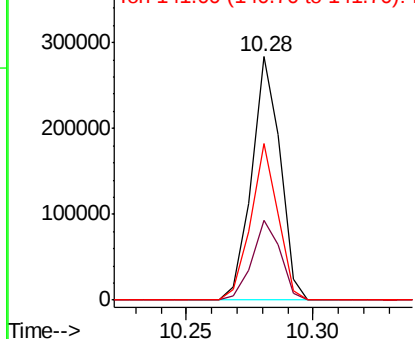


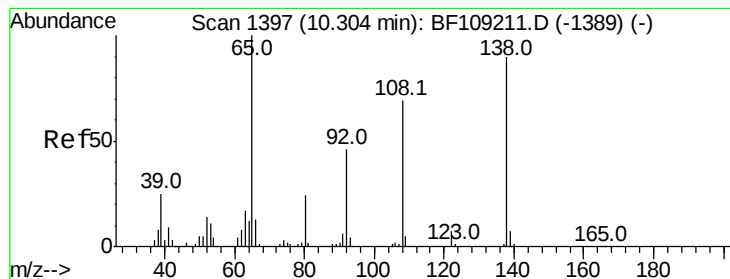
#60
4-Chlorophenyl-phenylether
Concen: 32.770 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Tgt Ion:204 Resp: 222485
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 64.2 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: 35.587 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.02 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

Instrument :

BNA_F

ClientSampleId :

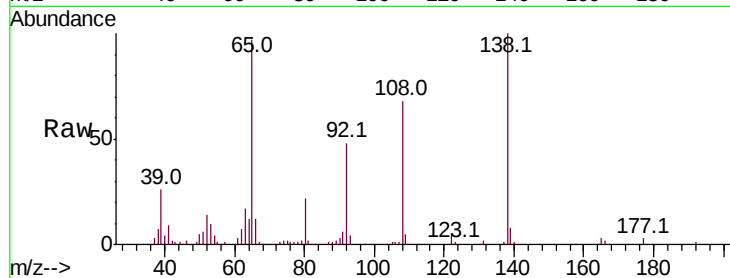
Tot Ion:138 Resp: 119468

Ion Ratio Lower Upper

138 100

92 48.0 30.2 70.2

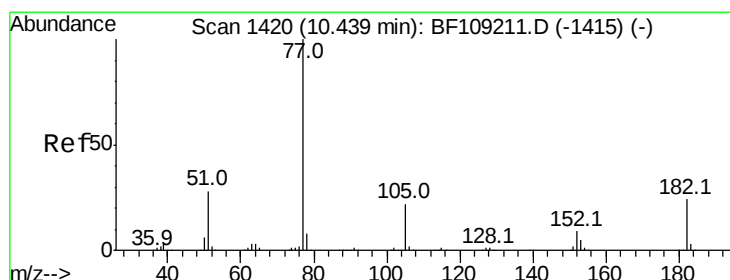
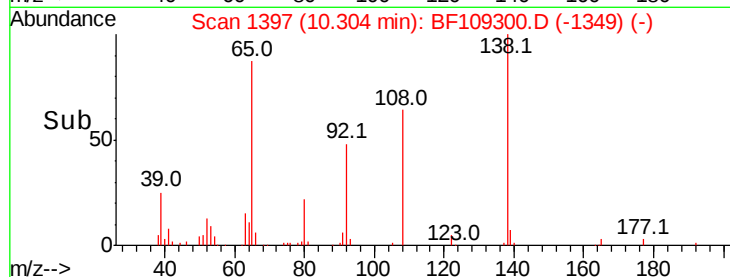
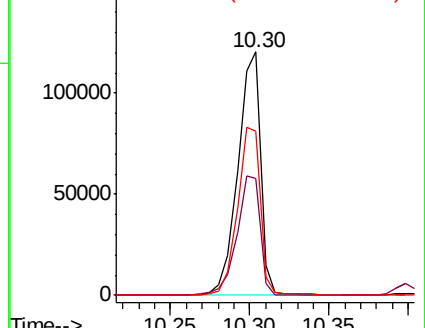
108 67.5 52.5 92.5



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: 31.548 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

Tgt Ion: 77 Resp: 498150

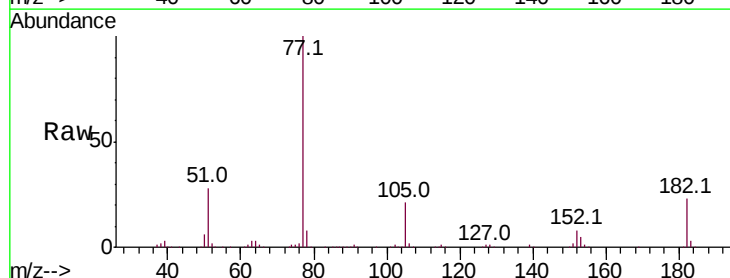
Ion Ratio Lower Upper

77 100

182 23.5 1.7 41.7

105 21.4 3.0 43.0

51 28.3 9.9 49.9

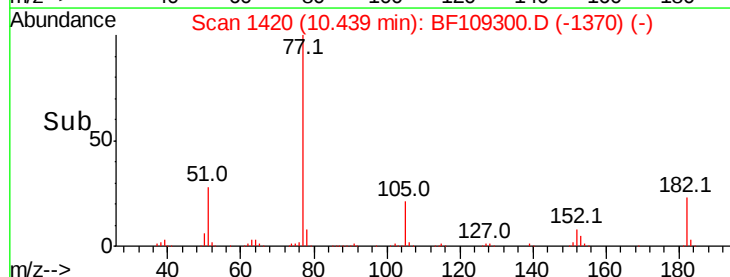
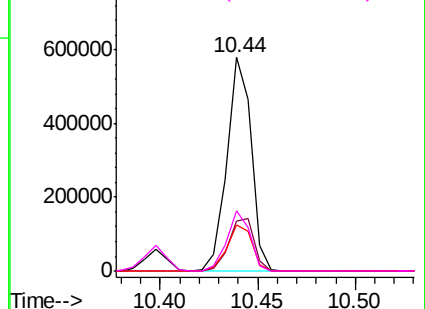


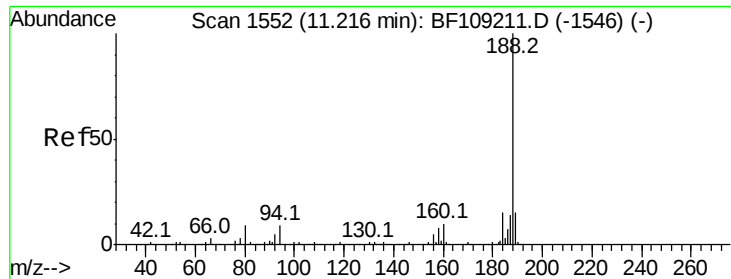
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

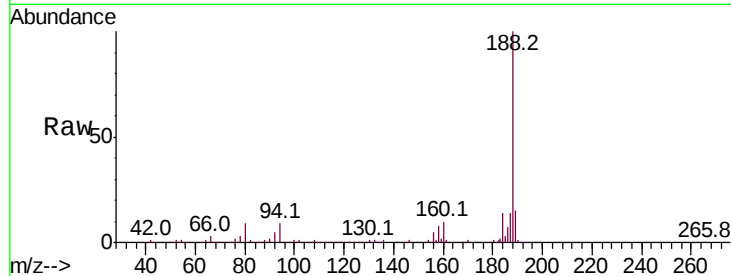




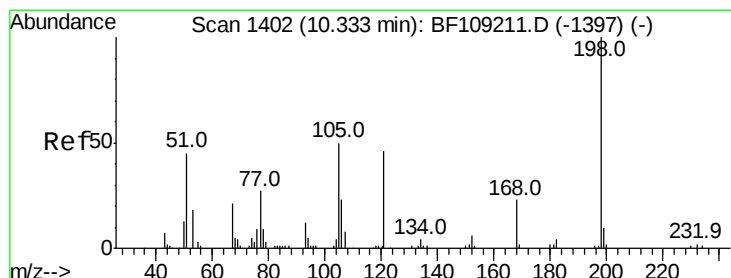
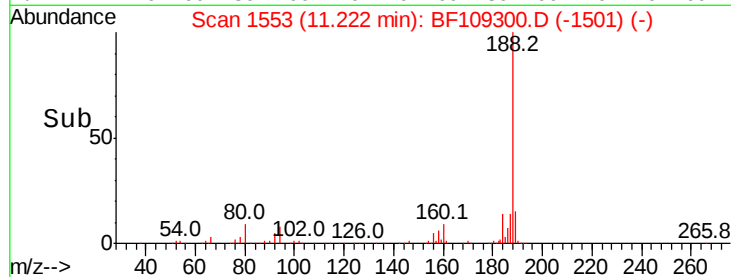
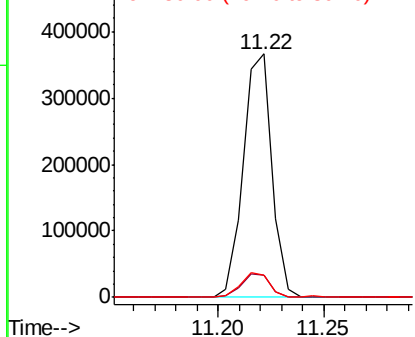
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.01 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 343160
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.5 12.7
 80 9.1 9.2 13.8#

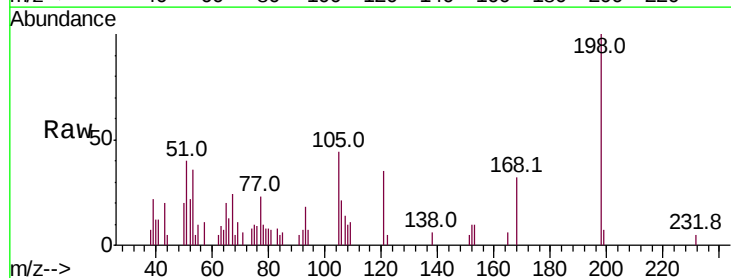


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

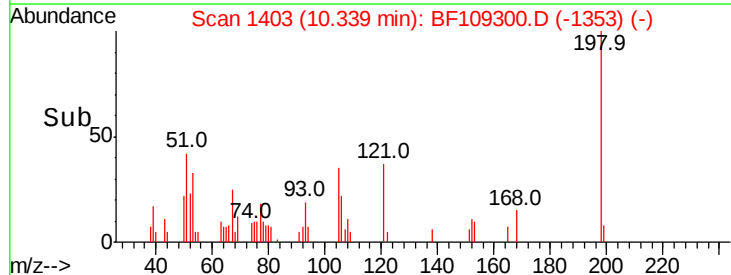
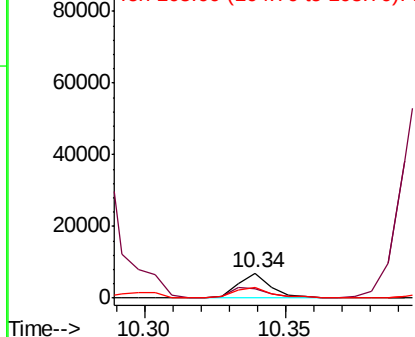


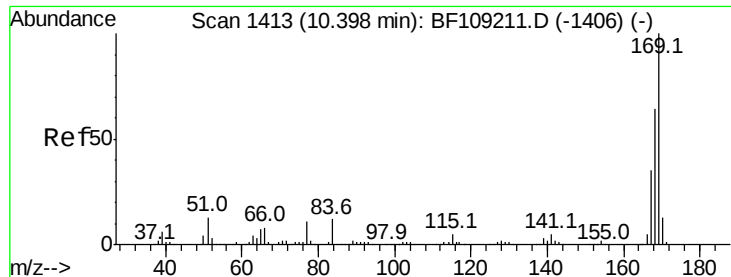
#64
 4,6-Dinitro-2-methylphenol
 Concen: 10.007 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

Tgt Ion:198 Resp: 5542
 Ion Ratio Lower Upper
 198 100
 51 39.9 37.7 77.7
 105 44.3 36.3 76.3



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

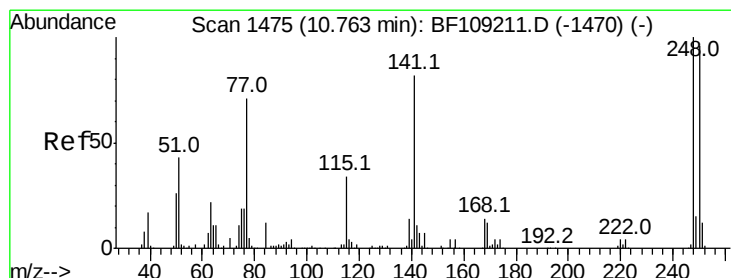
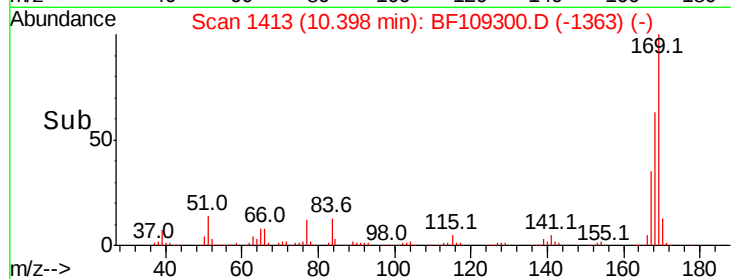
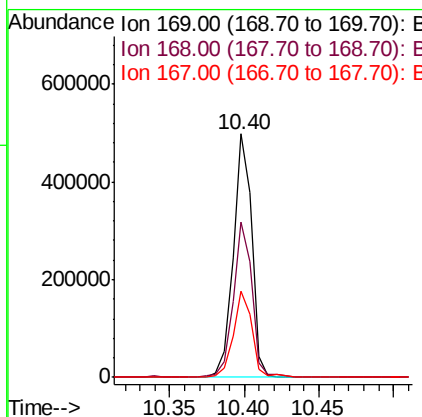
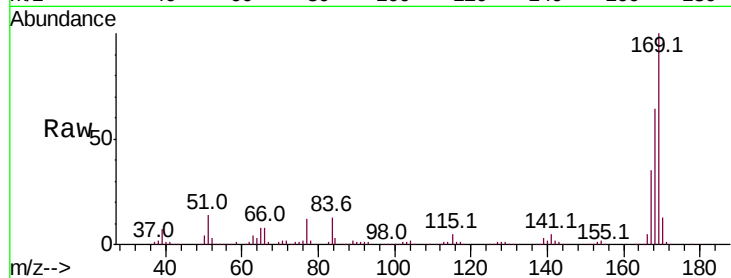




#65
 n-Nitrosodiphenylamine
 Concen: 38.358 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

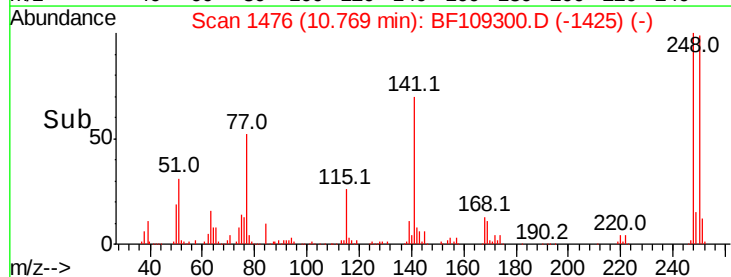
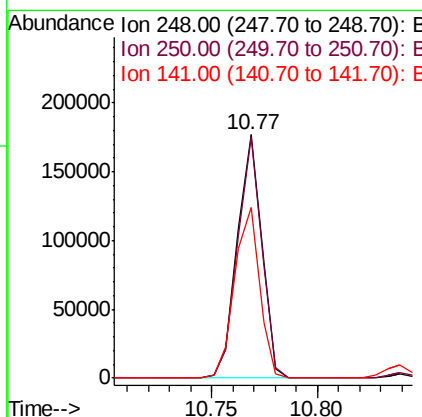
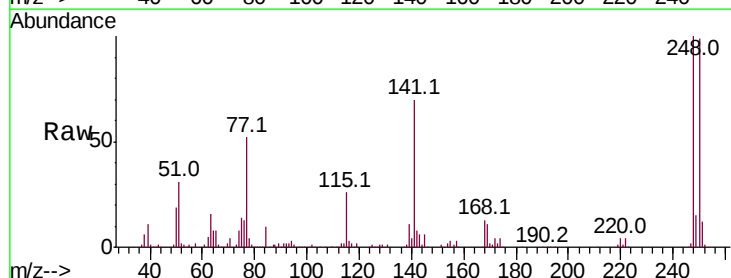
Instrument :
 BNA_F
 ClientSampleId :

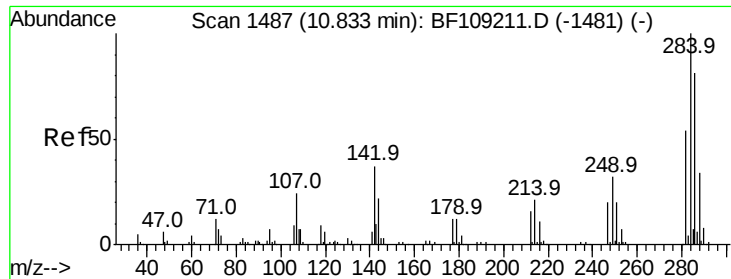
Tot Ion	Ratio	Lower	Upper
169	100		
168	63.5	54.4	81.6
167	35.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 37.133 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.8	76.9	115.3
141	70.3	74.4	111.6#





#67

Hexachlorobenzene

Concen: 35.783 ng

RT: 10.84 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

Instrument :

BNA_F

ClientSampleId :

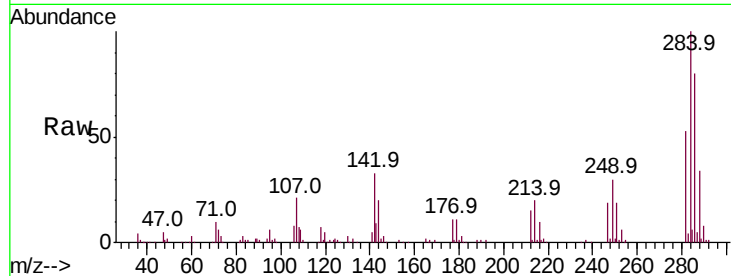
Tot Ion:284 Resp: 144820

Ion Ratio Lower Upper

284 100

142 33.5 34.6 52.0#

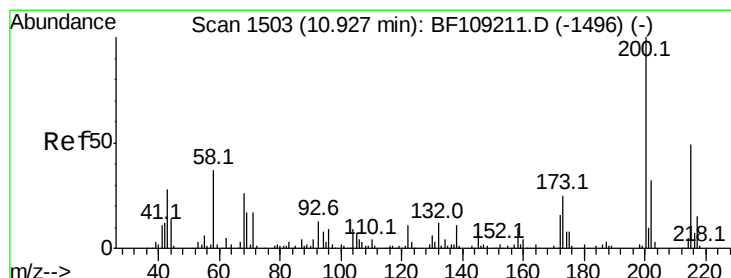
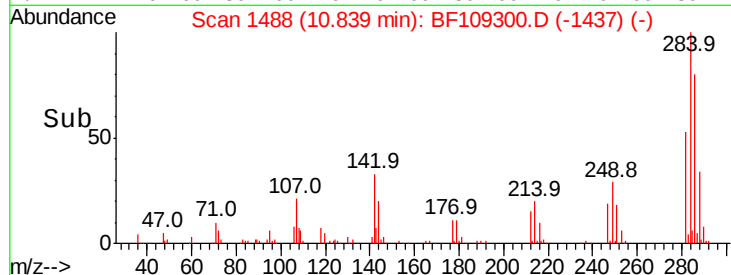
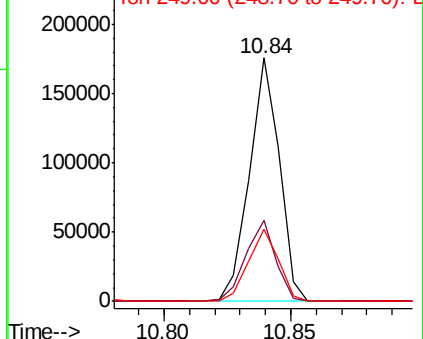
249 29.7 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.469 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

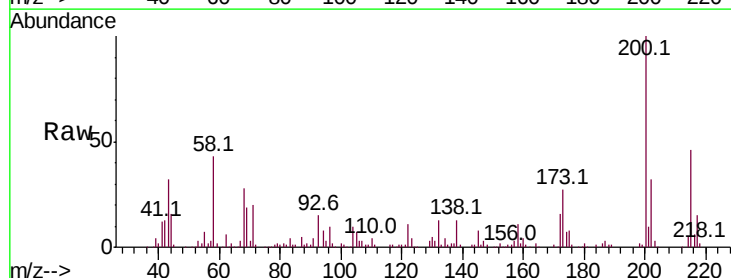
Tgt Ion:200 Resp: 141112

Ion Ratio Lower Upper

200 100

173 27.1 8.6 48.6

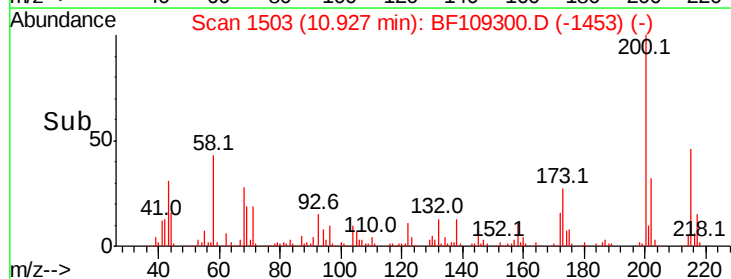
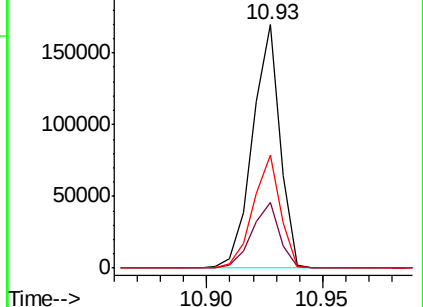
215 46.4 25.1 65.1

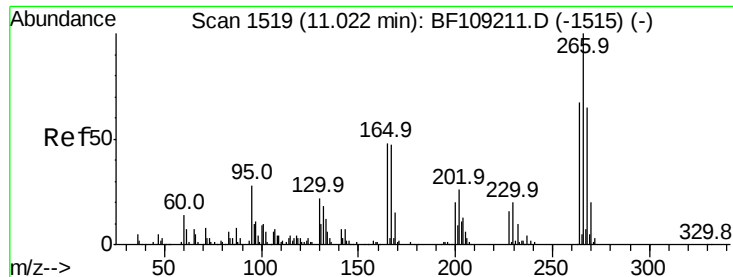


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

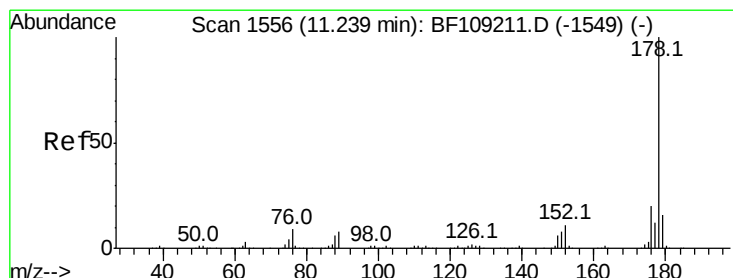
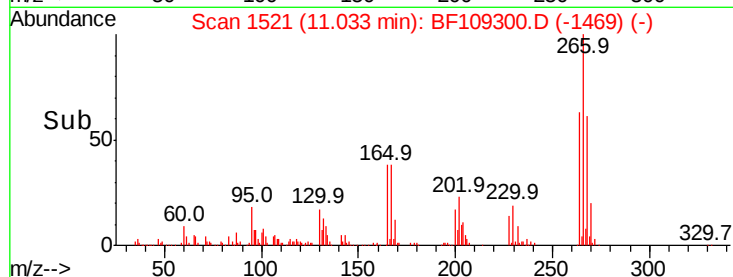
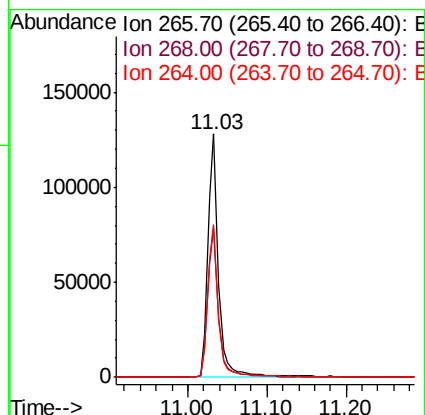
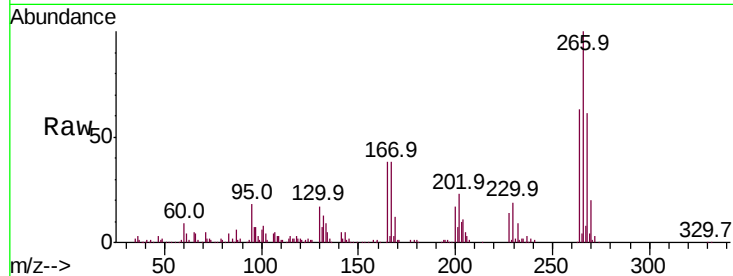




#69
 Pentachlorophenol
 Concen: 50.269 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

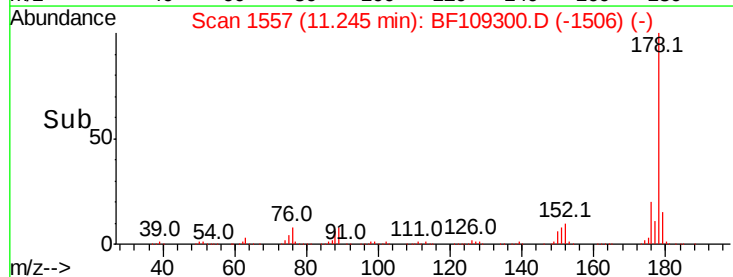
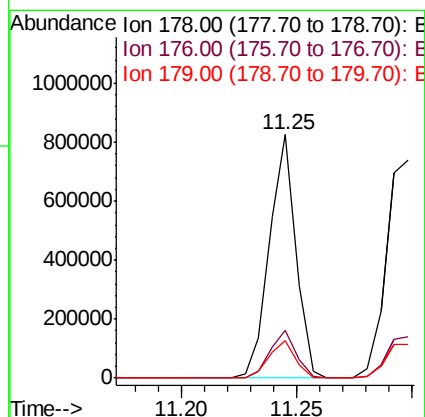
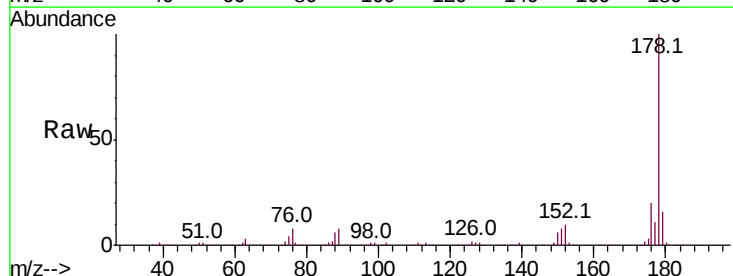
Instrument :
 BNA_F
 ClientSampleId :

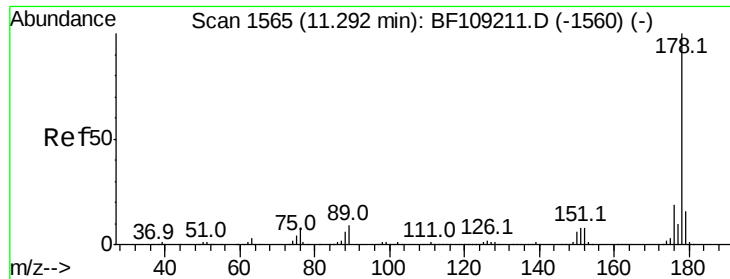
Tot Ion:266 Resp: 121766
 Ion Ratio Lower Upper
 266 100
 268 61.0 51.1 76.7
 264 62.9 49.5 74.3



#70
 Phenanthrene
 Concen: 38.353 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

Tgt Ion:178 Resp: 657142
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.5 13.0 19.6

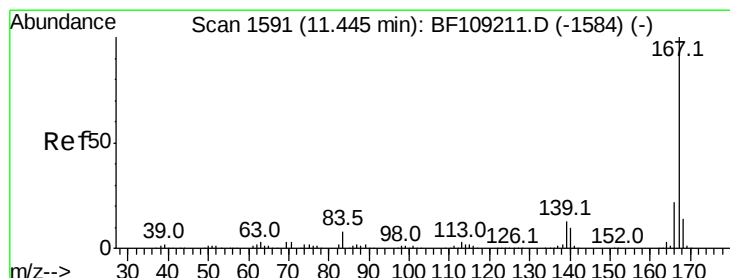
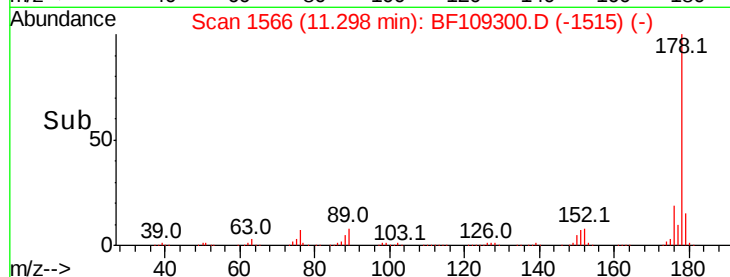
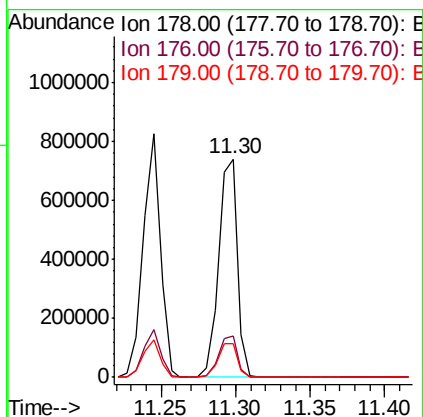
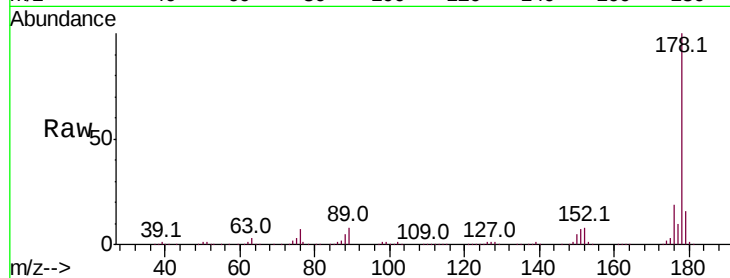




#71
 Anthracene
 Concen: 37.677 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

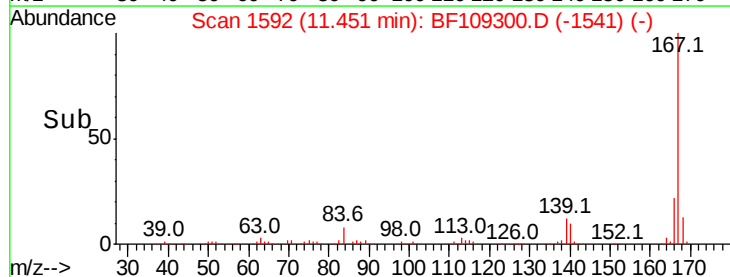
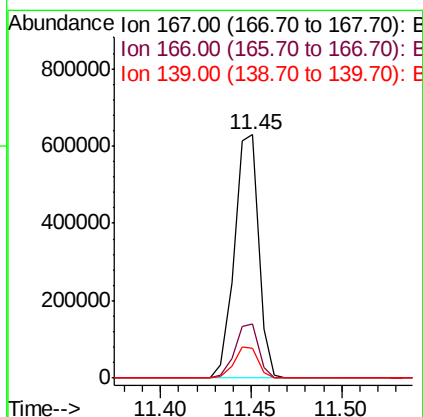
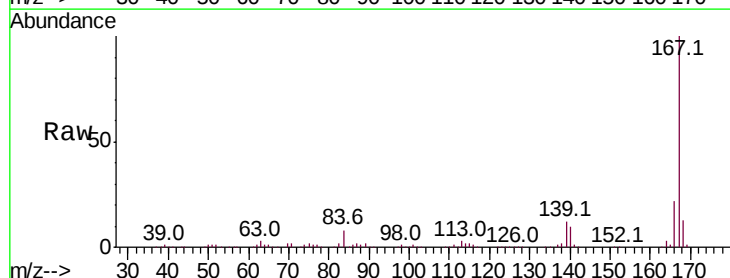
Instrument :
 BNA_F
 ClientSampled :

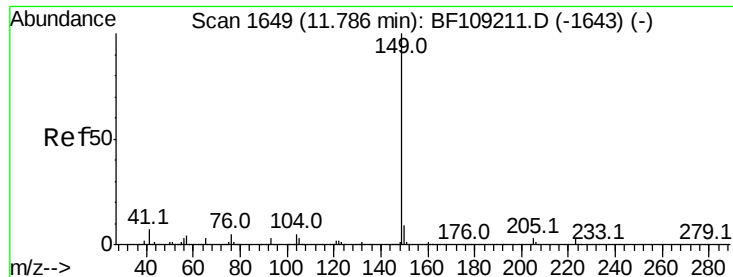
Tot Ion:178 Resp: 654758
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 33.926 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

Tgt Ion:167 Resp: 586593
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.724 ng

RT: 11.79 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

Instrument :

BNA_F

ClientSampleId :

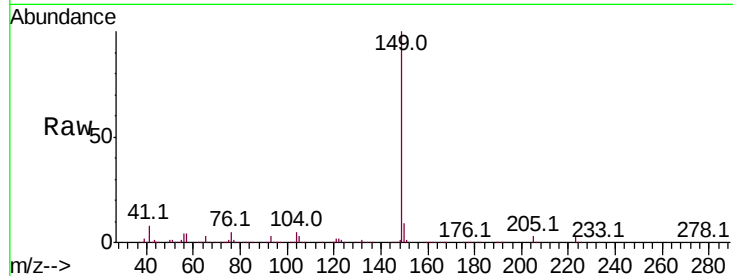
Tot Ion:149 Resp: 730995

Ion Ratio Lower Upper

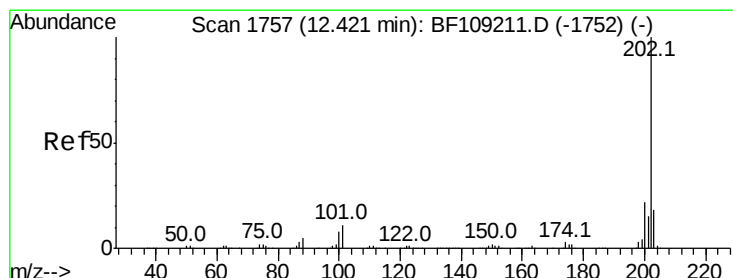
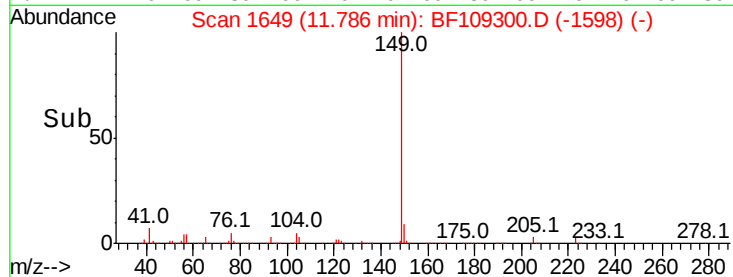
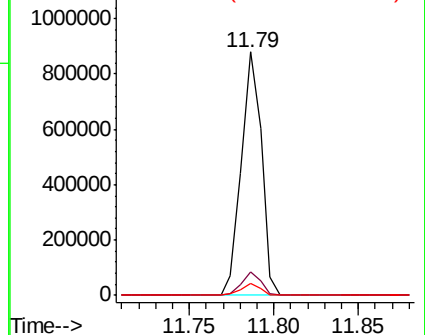
149 100

150 9.4 7.8 11.6

104 4.9 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: 38.464 ng

RT: 12.43 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

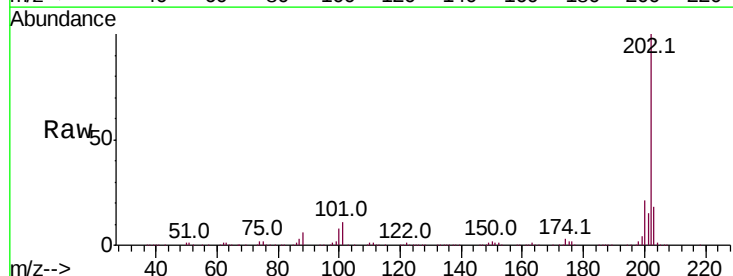
Tgt Ion:202 Resp: 704289

Ion Ratio Lower Upper

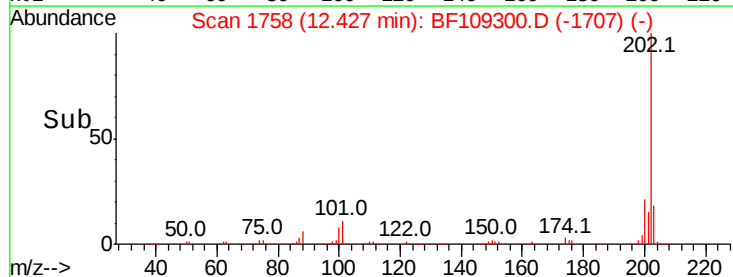
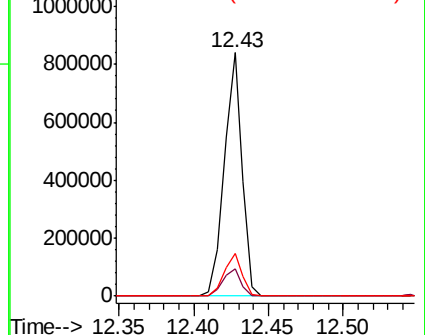
202 100

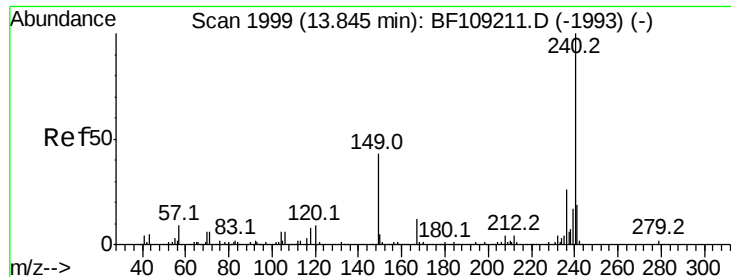
101 11.2 0.0 34.1

203 17.7 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: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

Instrument :

BNA_F

ClientSampleId :

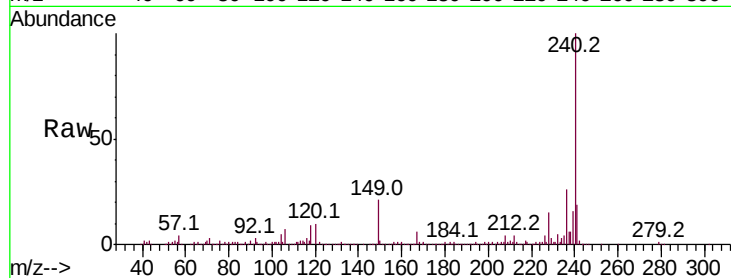
Tot Ion:240 Resp: 260048

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

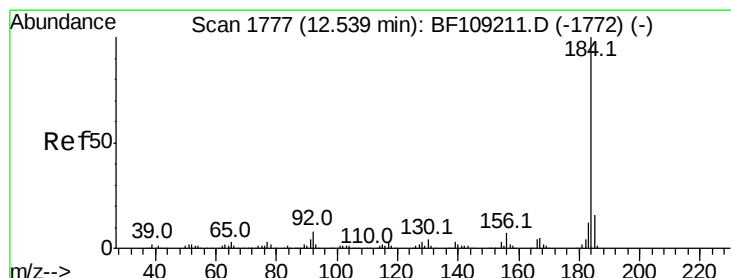
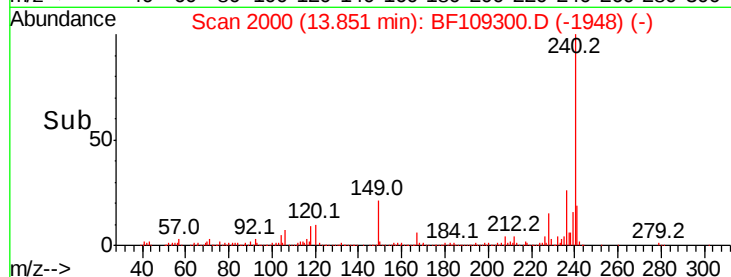
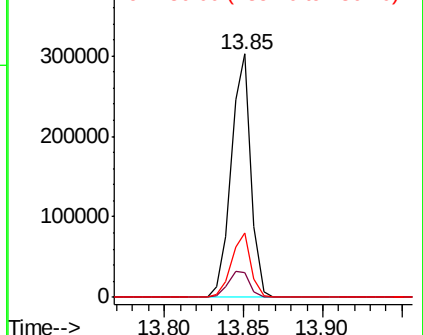
236 26.4 20.7 31.1



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: 50.900 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

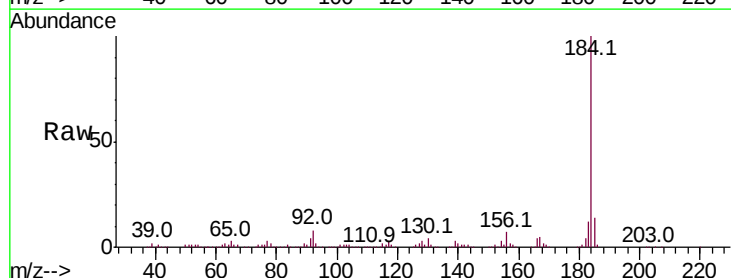
Tgt Ion:184 Resp: 477235

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

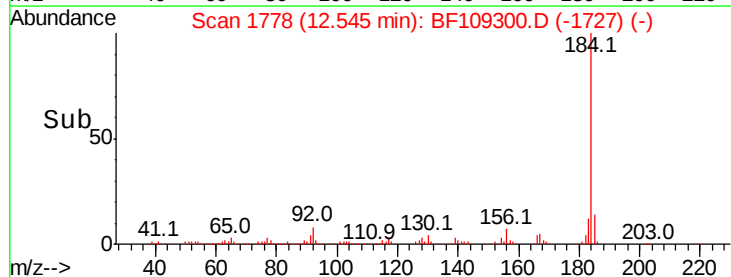
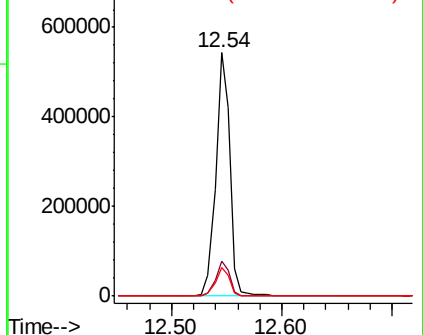
183 11.6 9.3 13.9

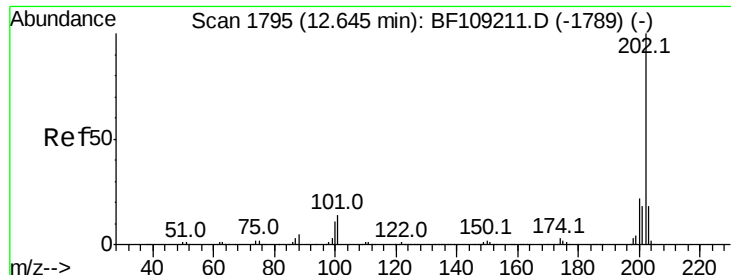


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.774 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

Instrument :

BNA_F

ClientSampleId :

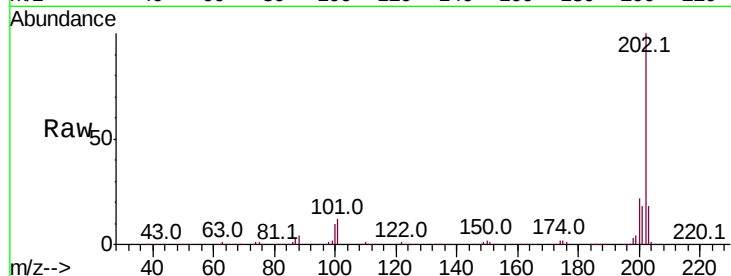
Tot Ion:202 Resp: 704001

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

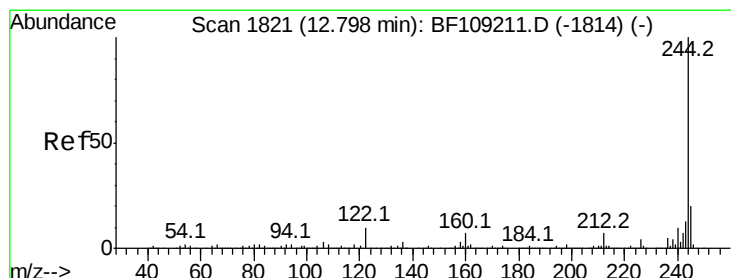
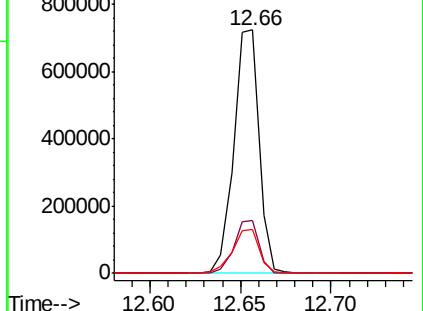
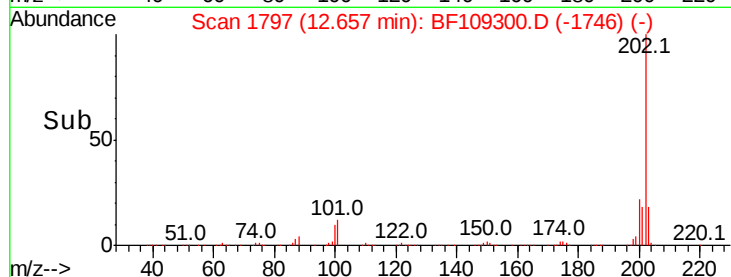
203 17.8 14.3 21.5



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: 84.337 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

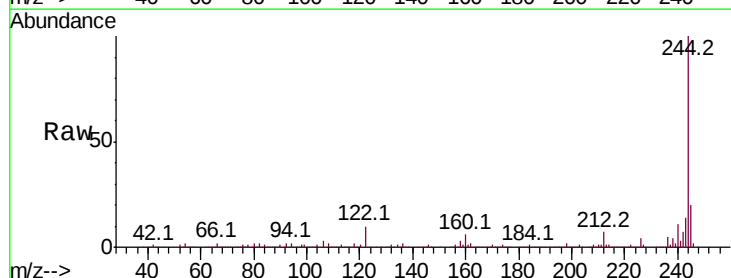
Tgt Ion:244 Resp: 893653

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

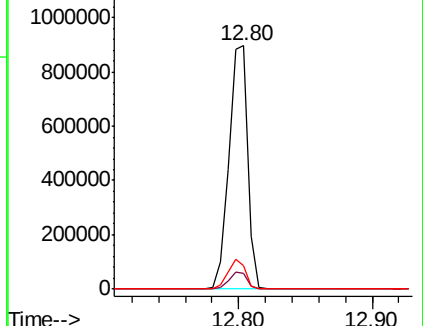
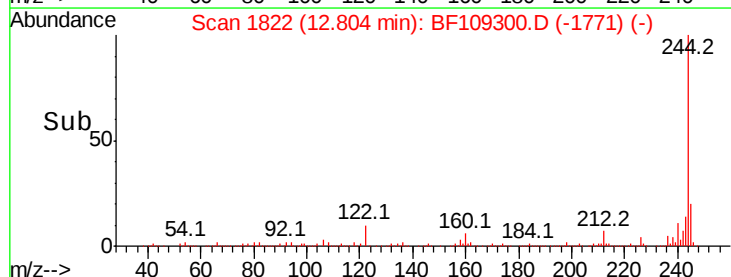
122 9.9 11.0 16.4#

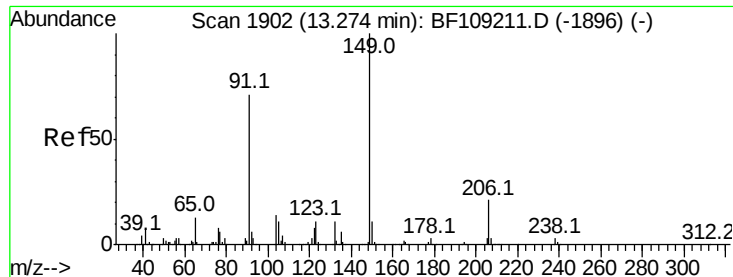


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

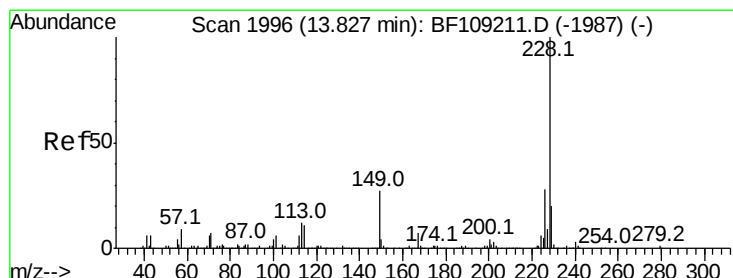
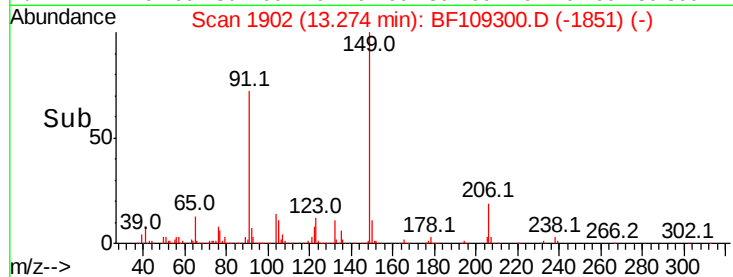
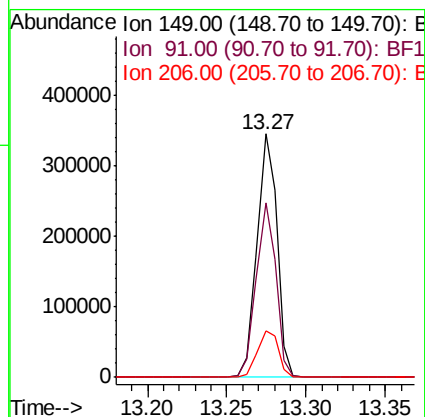
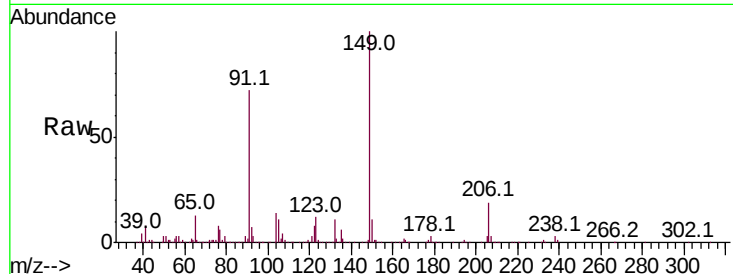




#79
Butylbenzylphthalate
Concen: 38.170 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

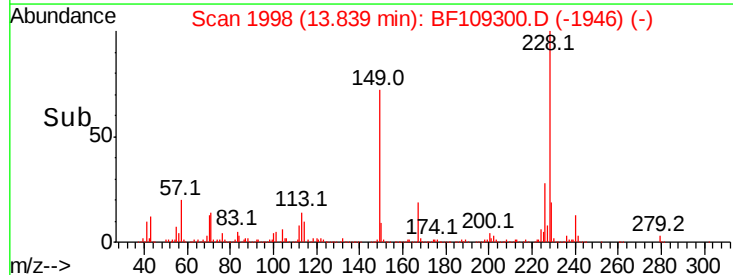
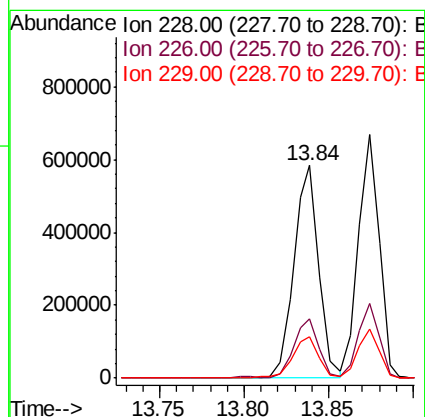
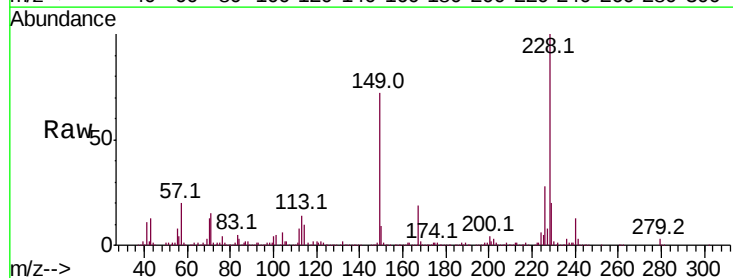
Instrument :
BNA_F
ClientSampleId :

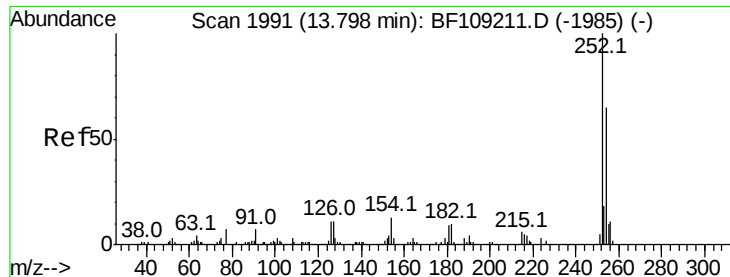
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.9	56.8	85.2
206	19.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 38.143 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.6	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 36.719 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

Instrument :

BNA_F

ClientSampleId :

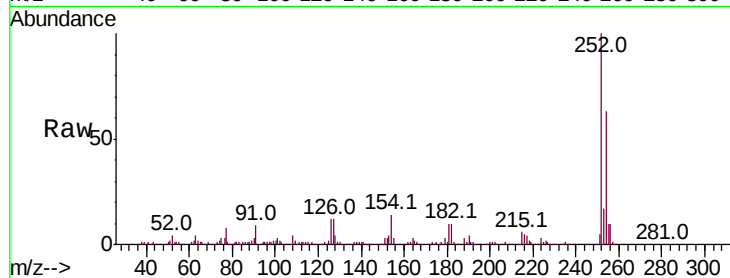
Tot Ion:252 Resp: 218580

Ion Ratio Lower Upper

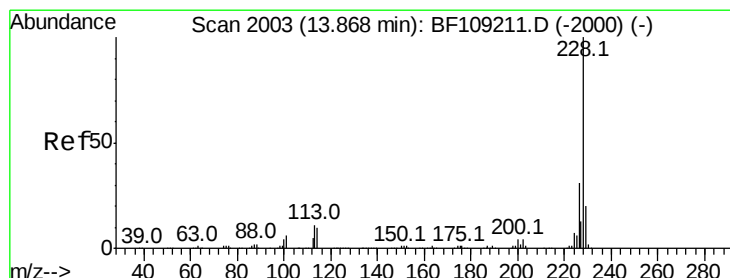
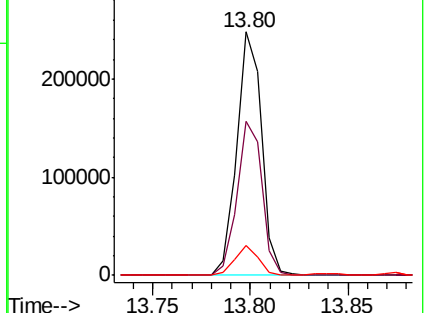
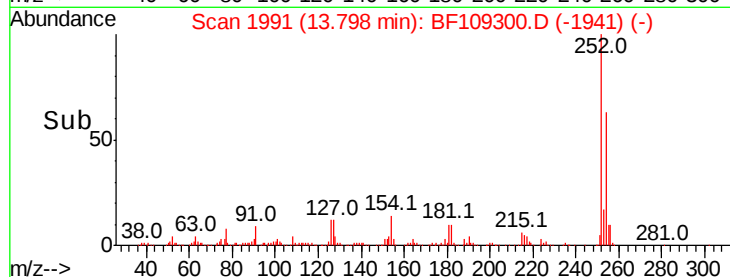
252 100

254 63.4 50.4 75.6

126 12.4 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: 36.769 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

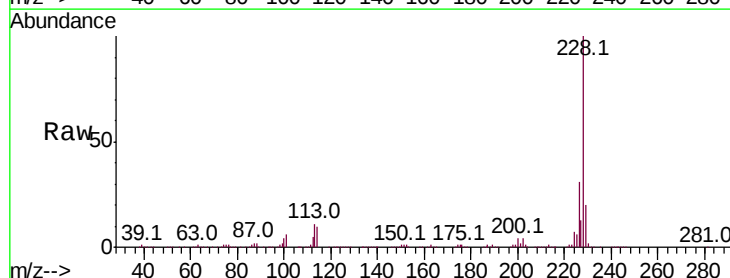
Tgt Ion:228 Resp: 570839

Ion Ratio Lower Upper

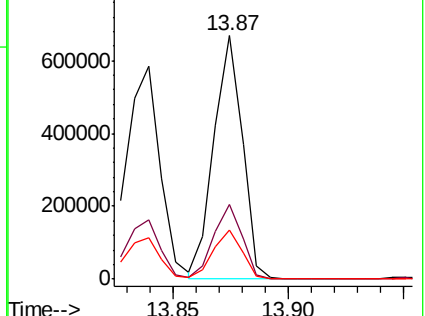
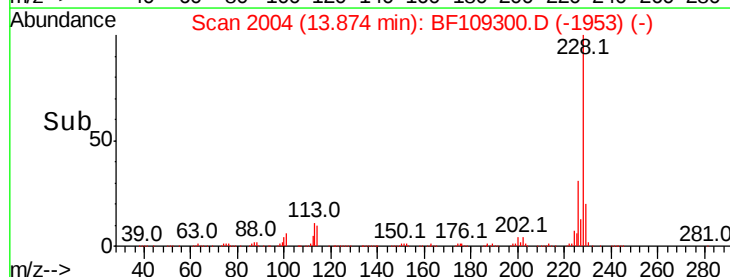
228 100

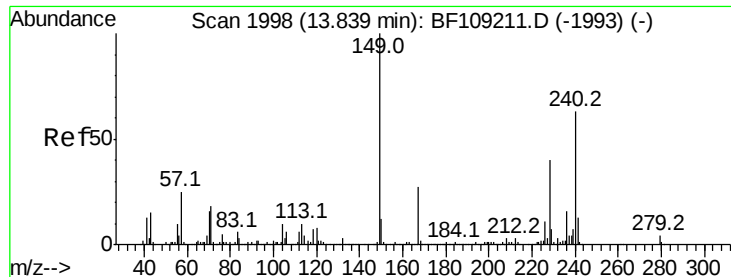
226 30.9 25.0 37.6

229 20.3 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

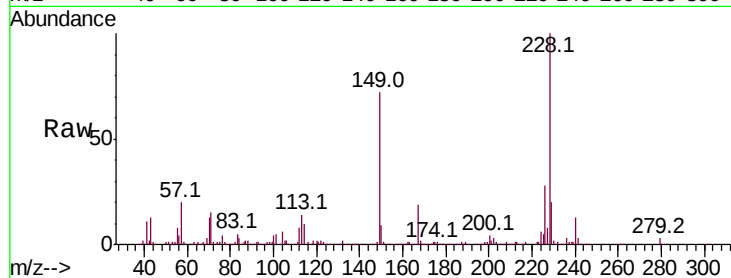




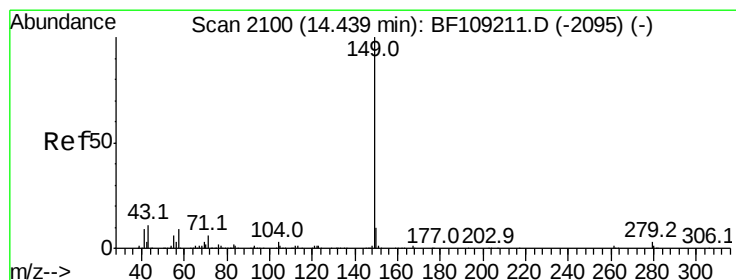
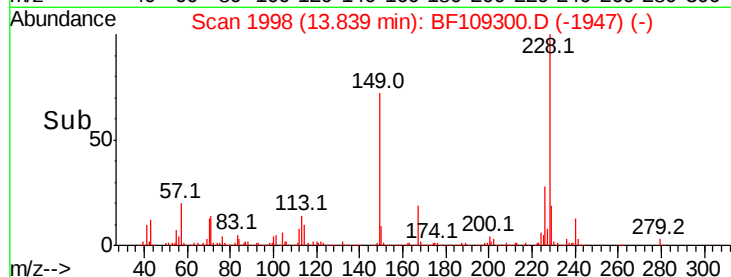
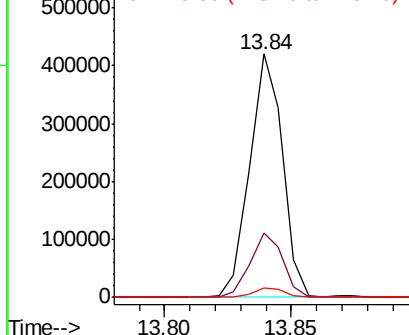
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.783 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 377819
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 3.6 3.0 4.4

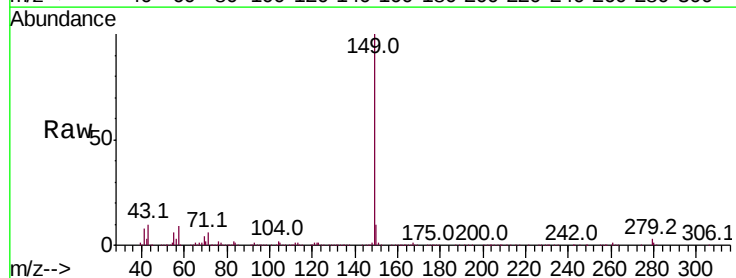


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

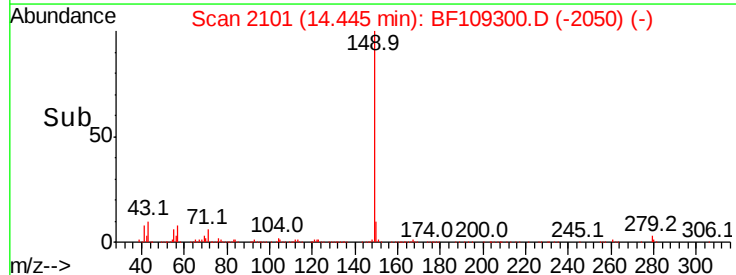
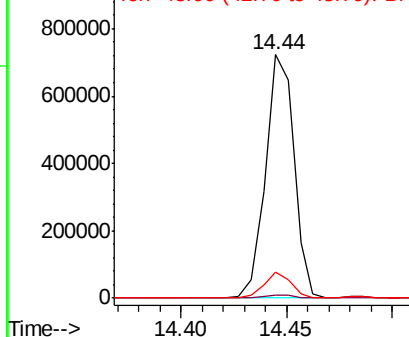


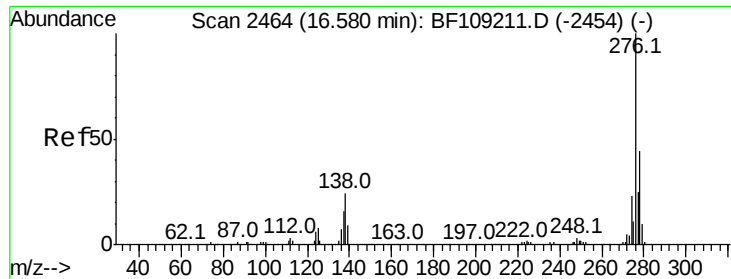
#84
 Di-n-octyl phthalate
 Concen: 39.681 ng
 RT: 14.44 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

Tgt Ion:149 Resp: 678451
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.7 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.994 ng

RT: 16.60 min Scan# 2468

Delta R.T. 0.01 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

Instrument :

BNA_F

ClientSampleId :

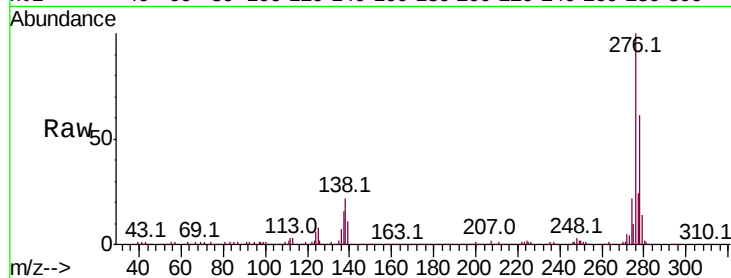
Tot Ion:276 Resp: 415193

Ion Ratio Lower Upper

276 100

138 23.9 25.0 37.6#

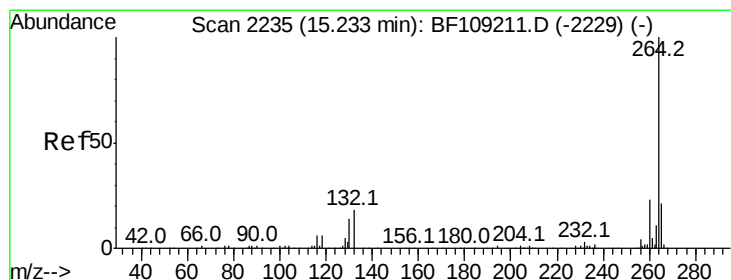
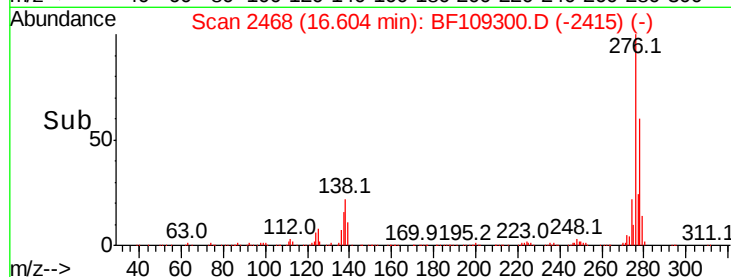
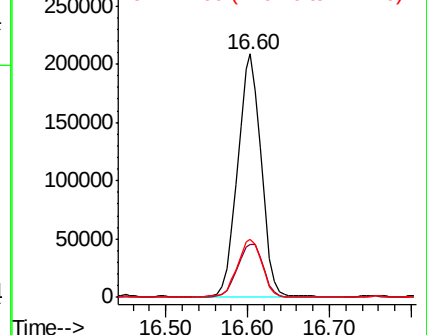
277 24.6 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF109300.D

Acq: 25 Sep 2018 21:41

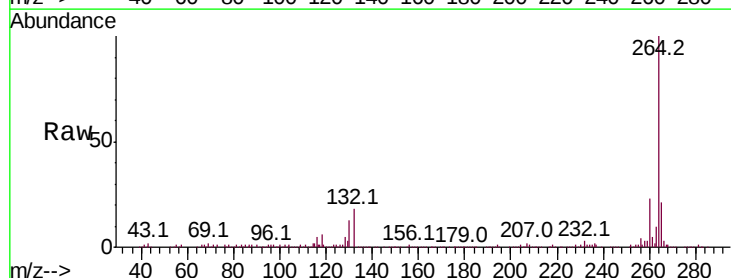
Tgt Ion:264 Resp: 210621

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

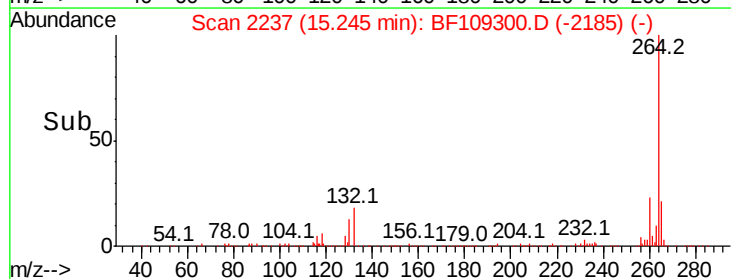
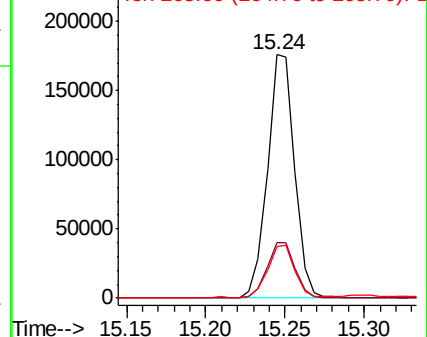
265 21.3 17.5 26.3

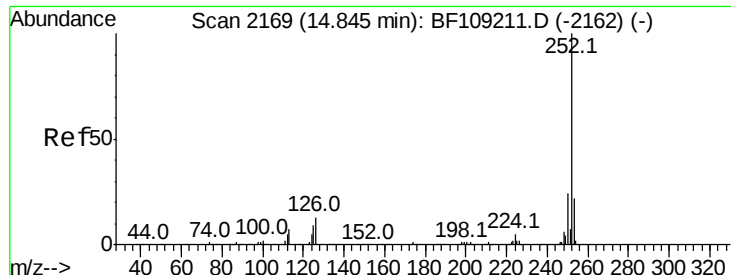


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

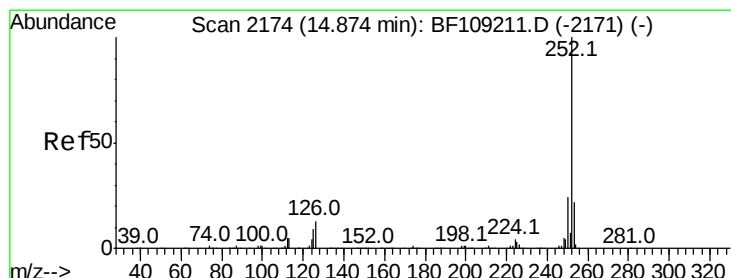
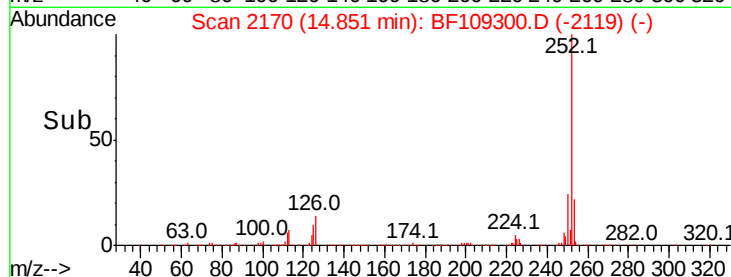
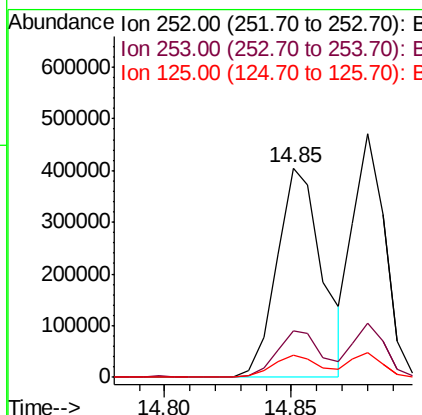
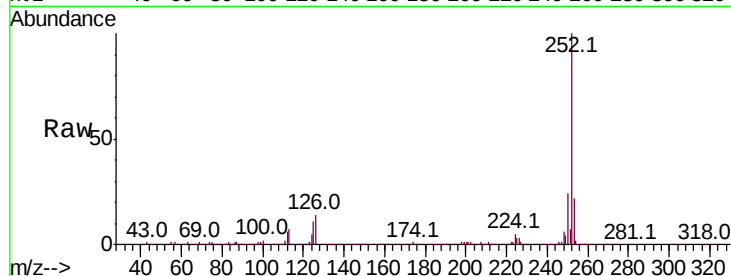




#87
Benzo(b)fluoranthene
Concen: 43.482 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

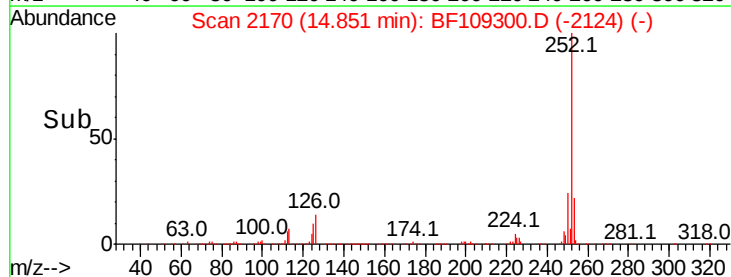
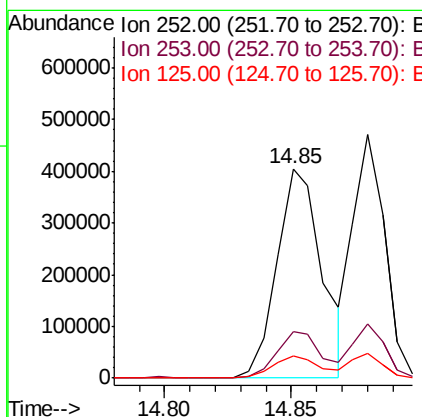
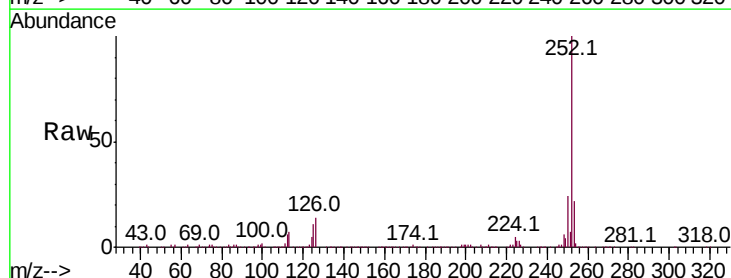
Instrument :
BNA_F
ClientSampleId :

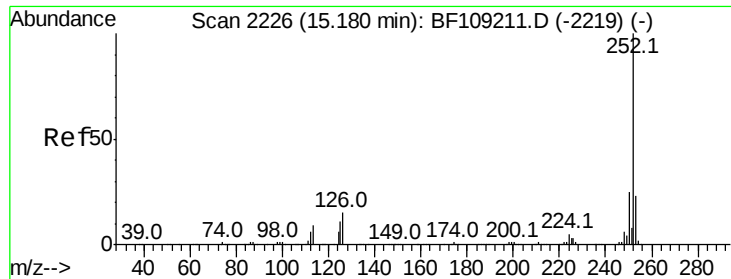
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	10.6	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 45.822 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	10.6	10.2	15.2

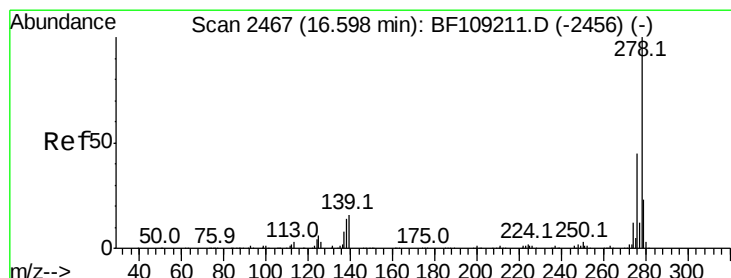
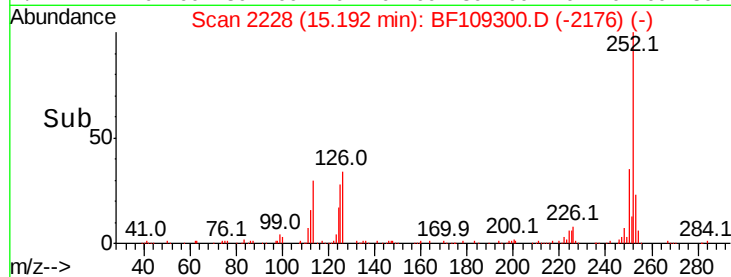
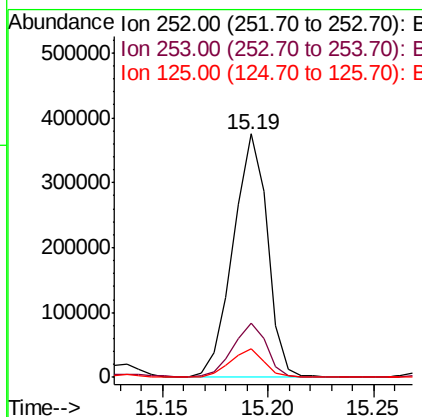
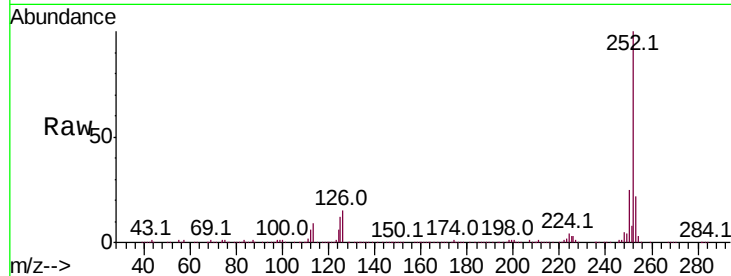




#89
Benzo(a)pyrene
Concen: 40.120 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

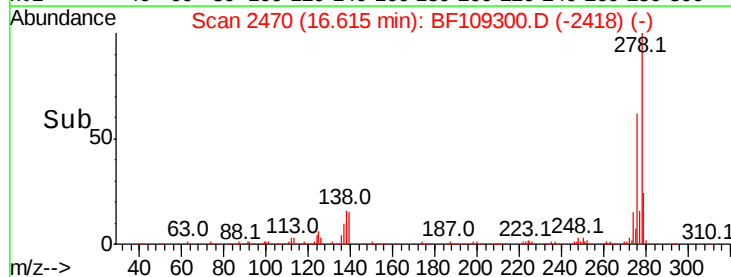
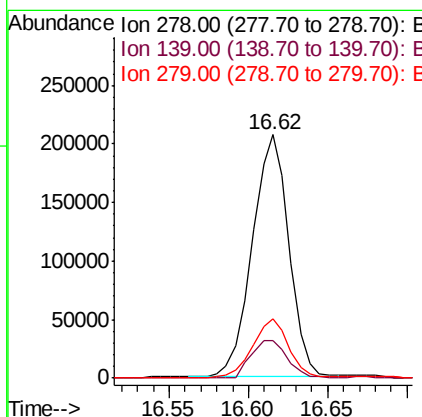
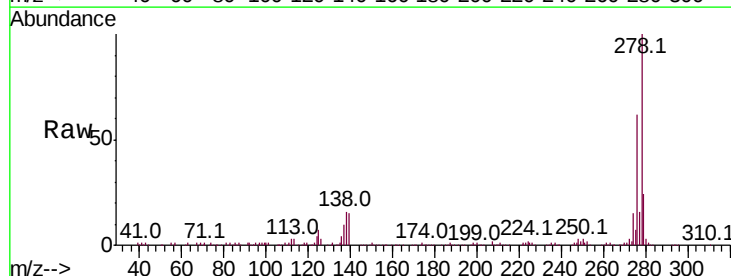
Instrument :
BNA_F
ClientSampleId :

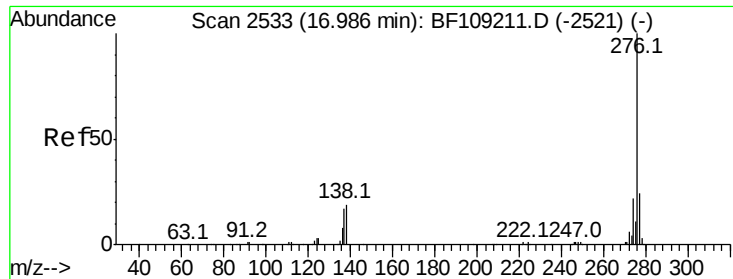
Tot Ion:252 Resp: 418398
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 11.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 38.773 ng
RT: 16.62 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BF109300.D
Acq: 25 Sep 2018 21:41

Tgt Ion:278 Resp: 331724
Ion Ratio Lower Upper
278 100
139 15.2 15.9 23.9#
279 24.5 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.322 ng
 RT: 17.01 min Scan# 2537
 Delta R.T. 0.01 min
 Lab File: BF109300.D
 Acq: 25 Sep 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	17.9	26.9
138	20.8	21.8	32.8

