

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109263.D
 Acq On : 24 Sep 2018 13:23
 Operator : JU/SJ
 Sample : J5025-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 17:05:49 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	130397	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	507838	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	250141	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	485245	20.00	ng	0.00
75) Chrysene-d12	13.84	240	294481	20.00	ng	0.00
86) Perylene-d12	15.24	264	333017	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	609036	76.93	ng	0.00
7) Phenol-d6	6.35	99	794873	78.68	ng	0.00
23) Nitrobenzene-d5	7.27	82	496321	57.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	220847	89.56	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	911031	54.93	ng	0.00
78) Terphenyl-d14	12.80	244	877115	73.10	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	78641	21.568	ng	95
3) Pyridine	3.10	79	213171	22.716	ng	89
4) n-Nitrosodimethylamine	3.02	42	115288	28.868	ng	# 96
6) Aniline	6.37	93	299573	23.178	ng	# 80
8) 2-Chlorophenol	6.49	128	248931	28.275	ng	98
9) Benzaldehyde	6.25	77	165502	25.502	ng	99
10) Phenol	6.36	94	338892	29.622	ng	75
11) bis(2-Chloroethyl)ether	6.45	93	234892	26.239	ng	95
12) 1,3-Dichlorobenzene	6.65	146	264612	26.105	ng	98
13) 1,4-Dichlorobenzene	6.73	146	267717	26.216	ng	97
14) 1,2-Dichlorobenzene	6.88	146	253159	26.874	ng	98
15) Benzyl Alcohol	6.85	79	226449	29.285	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	334606	26.351	ng	95
17) 2-Methylphenol	6.97	107	202713	28.457	ng	96
18) Hexachloroethane	7.22	117	94558	26.282	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	176532	26.668	ng	99
20) 3+4-Methylphenols	7.12	107	250886	29.171	ng	# 70
22) Acetophenone	7.12	105	343668	29.270	ng	# 93
24) Nitrobenzene	7.29	77	266443	29.129	ng	97
25) Isophorone	7.53	82	487923	31.496	ng	99
26) 2-Nitrophenol	7.60	139	123897	34.250	ng	96
27) 2,4-Dimethylphenol	7.65	122	229408	33.986	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	303423	29.588	ng	98
29) 2,4-Dichlorophenol	7.85	162	216910	30.585	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	217919	27.499	ng	98
31) Naphthalene	8.01	128	715854	30.165	ng	99
32) Benzoic acid	7.77	122	143232	33.601	ng	97
33) 4-Chloroaniline	8.06	127	199766	19.269	ng	99
34) Hexachlorobutadiene	8.13	225	127230	26.632	ng	99
35) Caprolactam	8.43	113	48389	21.371	ng	# 77
36) 4-Chloro-3-methylphenol	8.55	107	229162	30.707	ng	98
37) 2-Methylnaphthalene	8.70	142	485908	31.762	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	218783	27.482	ng	99
40) Hexachlorocyclopentadiene	8.86	237	169783	48.897	ng	98

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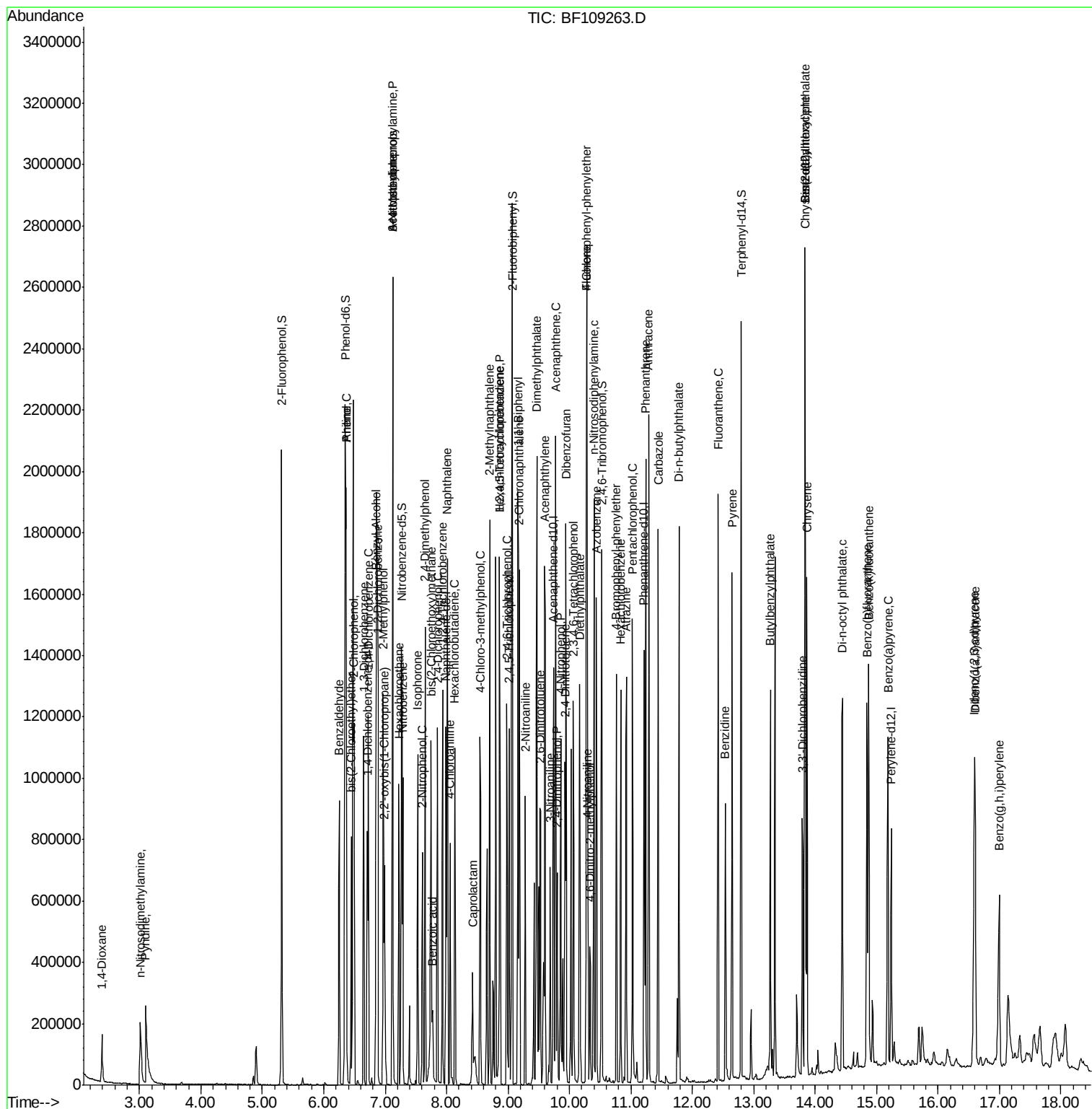
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	157217	30.771	nq	100
43) 2,4,5-Trichlorophenol	9.02	196	165460	30.663	nq	95
45) 1,1'-Biphenyl	9.16	154	587108	28.807	nq	99
46) 2-Chloronaphthalene	9.19	162	449817	27.627	nq	98
47) 2-Nitroaniline	9.28	65	142082	30.779	nq	93
48) Acenaphthylene	9.60	152	739981	30.127	nq	100
49) Dimethylphthalate	9.47	163	810557	44.552	nq	99
50) 2,6-Dinitrotoluene	9.53	165	114796	31.859	nq	96
51) Acenaphthene	9.77	154	431985	29.090	nq	99
52) 3-Nitroaniline	9.69	138	103083	24.703	nq	91
53) 2,4-Dinitrophenol	9.80	184	79107	63.834	nq	# 21
54) Dibenzofuran	9.95	168	643720	29.148	nq	100
55) 4-Nitrophenol	9.86	139	196737	62.585	nq	95
56) 2,4-Dinitrotoluene	9.93	165	152834	33.522	nq	# 99
57) Fluorene	10.29	166	481182	30.537	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	140604	32.909	nq	90
59) Diethylphthalate	10.17	149	536361	29.112	nq	96
60) 4-Chlorophenyl-phenylether	10.28	204	229136	27.841	nq	92
61) 4-Nitroaniline	10.30	138	127255	31.270	nq	98
62) Azobenzene	10.44	77	535451	27.973	nq	96
64) 4,6-Dinitro-2-methylphenol	10.34	198	55256	31.106	nq	# 74
65) n-Nitrosodiphenylamine	10.40	169	472881	29.496	nq	95
66) 4-Bromophenyl-phenylether	10.76	248	154240	28.624	nq	92
67) Hexachlorobenzene	10.83	284	162348	28.368	nq	93
68) Atrazine	10.93	200	155188	31.474	nq	97
69) Pentachlorophenol	11.03	266	176323	51.478	nq	98
70) Phenanthrene	11.24	178	728249	30.058	nq	100
71) Anthracene	11.29	178	749324	30.493	nq	100
72) Carbazole	11.44	167	671515	27.465	nq	99
73) Di-n-butylphthalate	11.79	149	833092	29.598	nq	99
74) Fluoranthene	12.42	202	726511	28.059	nq	96
76) Benzidine	12.54	184	343613	32.363	nq	98
77) Pyrene	12.65	202	702702	33.296	nq	99
79) Butylbenzylphthalate	13.27	149	304306	33.891	nq	# 95
80) Benzo(a)anthracene	13.83	228	531080	29.941	nq	98
81) 3,3'-Dichlorobenzidine	13.79	252	172634	25.610	nq	99
82) Chrysene	13.87	228	518818	29.511	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	370553	32.723	nq	99
84) Di-n-octyl phthalate	14.44	149	620507	32.048	nq	98
85) Indeno(1,2,3-cd)pyrene	16.59	276	546849	38.375	nq	# 92
87) Benzo(b)fluoranthene	14.84	252	518686	28.345	nq	99
88) Benzo(k)fluoranthene	14.87	252	500151	28.803	nq	# 96
89) Benzo(a)pyrene	15.19	252	501795	30.432	nq	98
90) Dibenzo(a,h)anthracene	16.60	278	451152	33.351	nq	96
91) Benzo(g,h,i)perylene	17.00	276	427699	32.170	nq	# 92

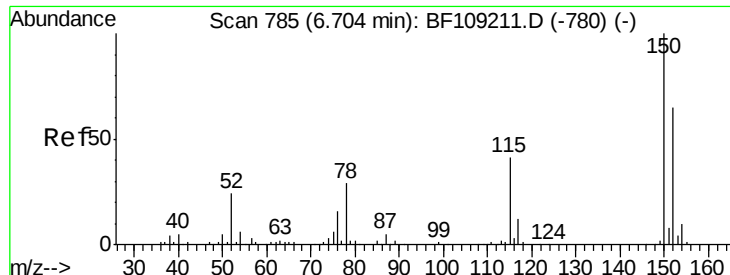
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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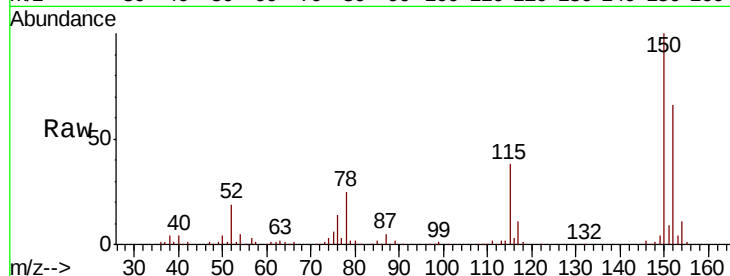


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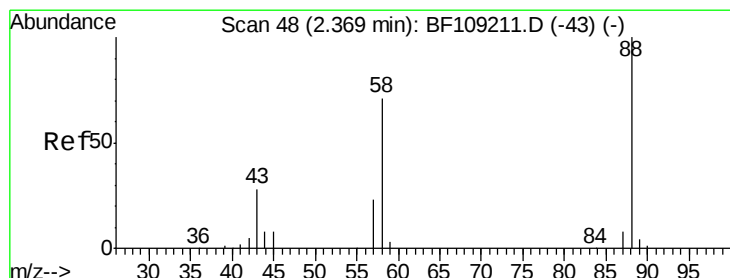
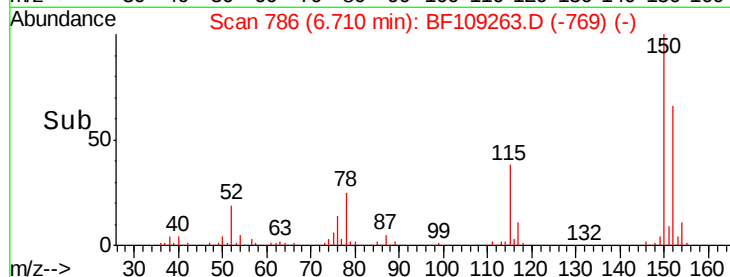
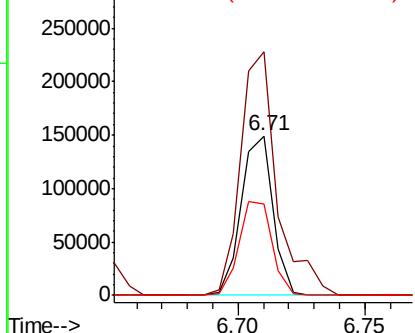
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 130397
Ion Ratio Lower Upper
152 100
150 152.5 124.6 186.8
115 57.4 50.1 75.1



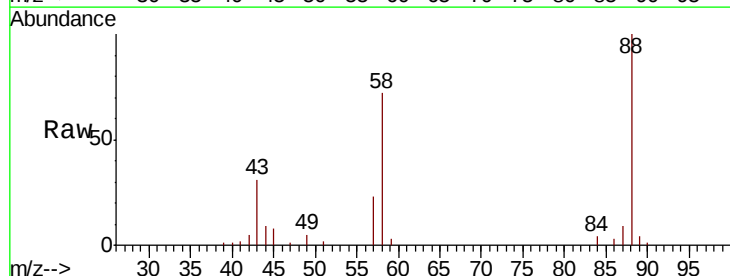
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



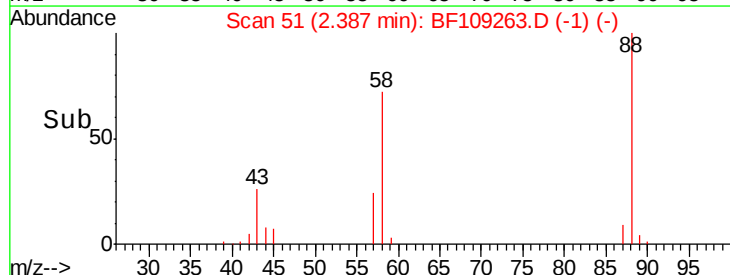
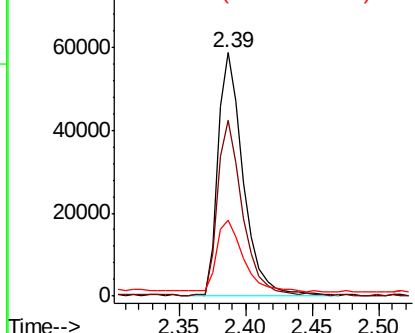
#2

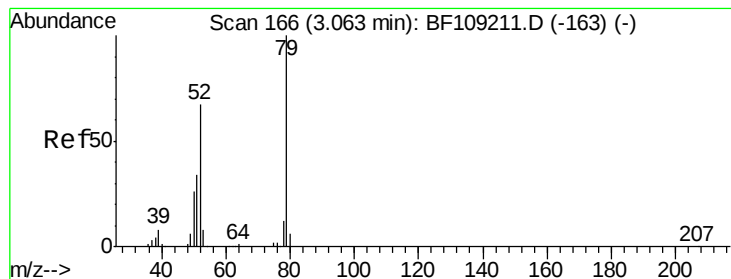
1,4-Dioxane
Concen: 21.568 ng
RT: 2.39 min Scan# 51
Delta R.T. 0.02 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion: 88 Resp: 78641
Ion Ratio Lower Upper
88 100
58 72.0 62.6 93.8
43 30.8 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: 22.716 ng

RT: 3.10 min Scan# 172

Delta R.T. 0.04 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

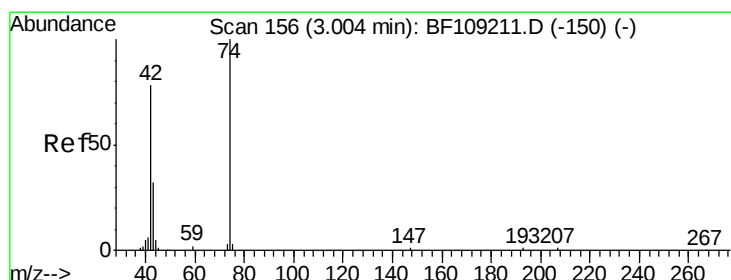
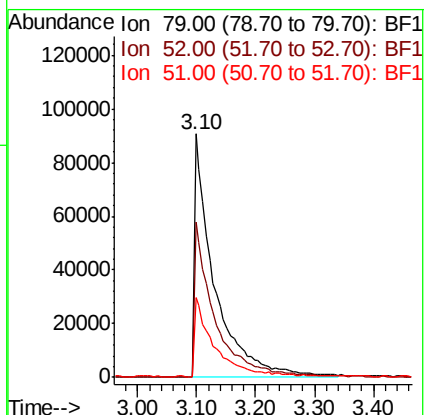
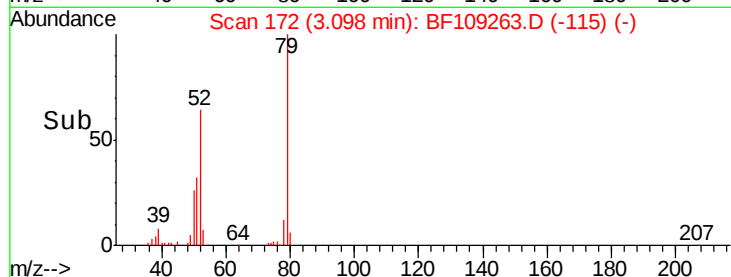
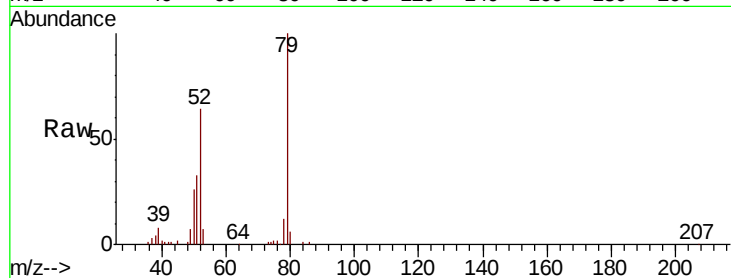
Tot Ion: 79 Resp: 213171

Ion Ratio Lower Upper

79 100

52 63.9 59.8 89.6

51 32.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 28.868 ng

RT: 3.02 min Scan# 158

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

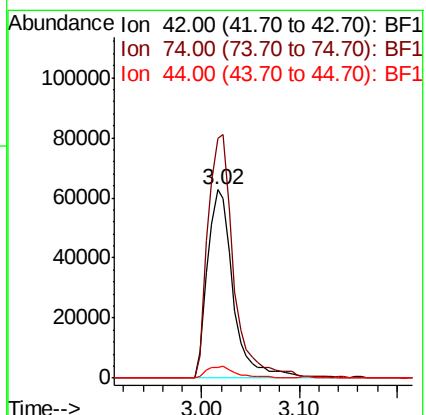
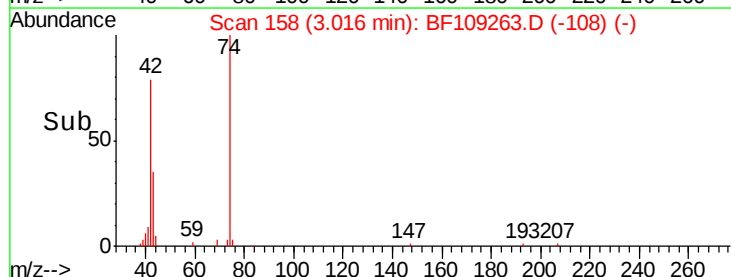
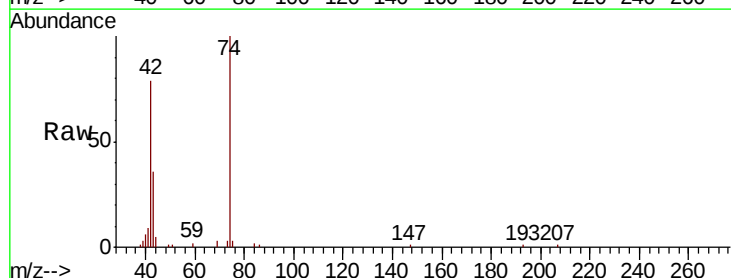
Tgt Ion: 42 Resp: 115288

Ion Ratio Lower Upper

42 100

74 127.2 104.9 157.3

44 6.0 6.9 10.3#





#5

2-Fluorophenol

Concen: 76.929 ng

RT: 5.32 min Scan# 549

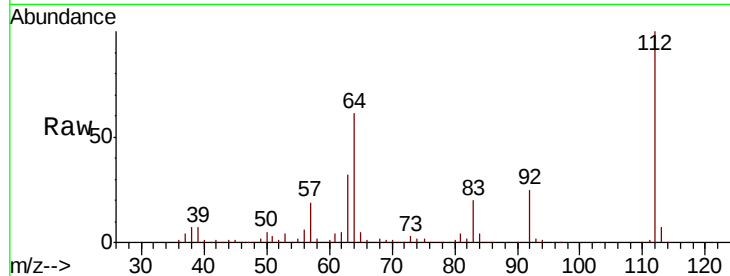
Delta R.T. -0.00 min

Lab File: BF109263.D

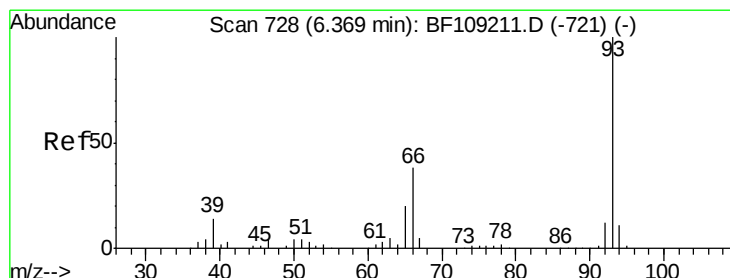
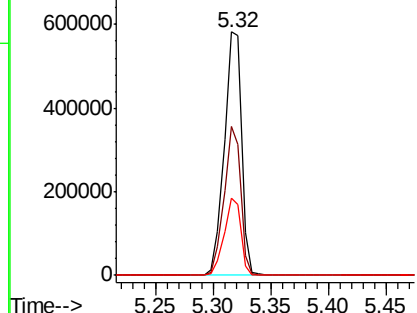
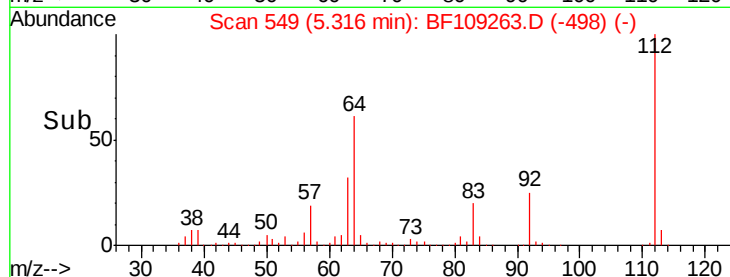
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	609036
Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	32.0	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: 23.178 ng

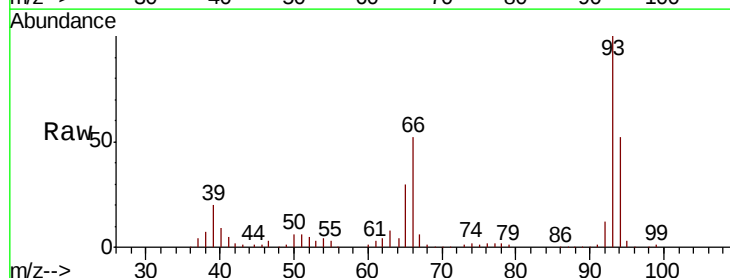
RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

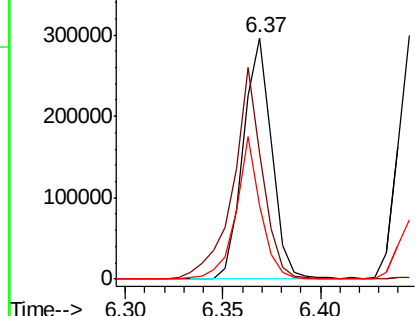
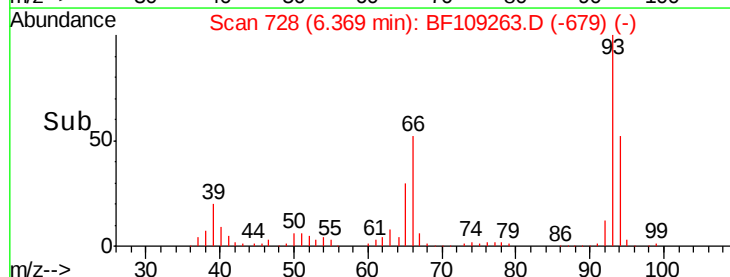
Lab File: BF109263.D

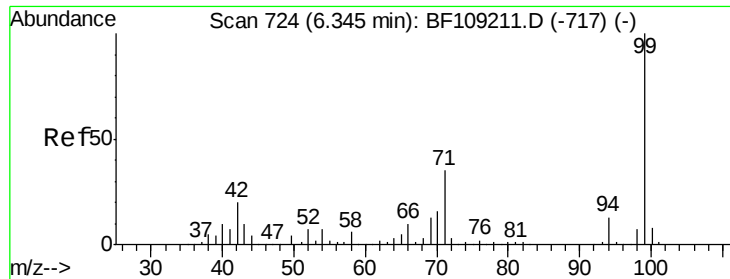
Acq: 24 Sep 2018 13:23

Tgt Ion:	93	Resp:	299573
Ion	Ratio	Lower	Upper
93	100		
66	52.1	32.2	48.2#
65	30.3	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: 78.683 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

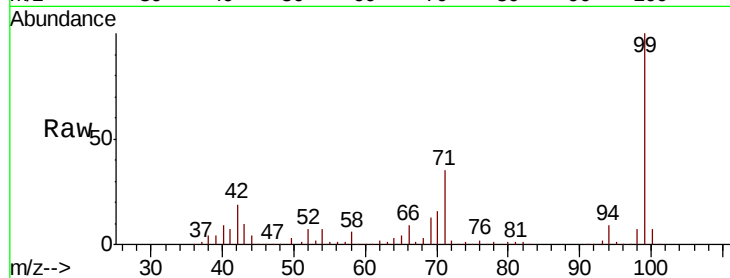
Tot Ion: 99 Resp: 794873

Ion Ratio Lower Upper

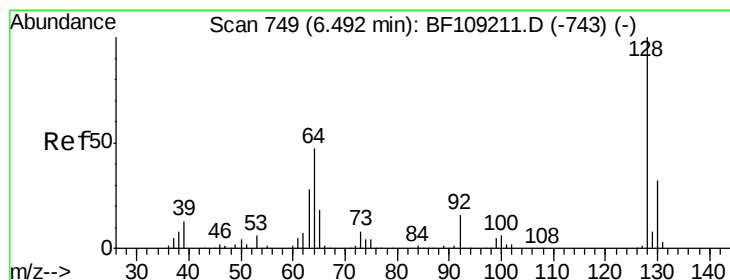
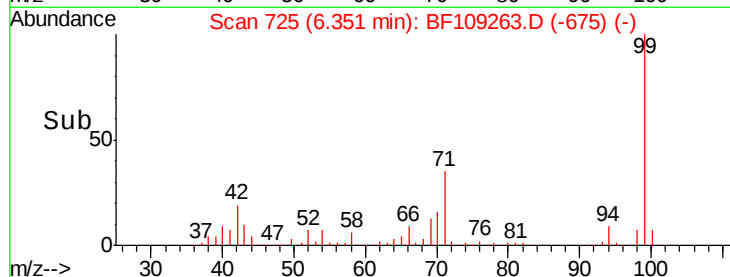
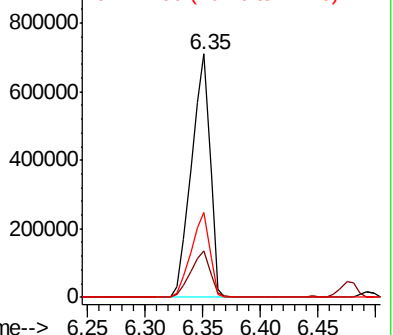
99 100

42 19.4 14.5 21.7

71 35.0 25.4 38.0



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



#8

2-Chlorophenol

Concen: 28.275 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

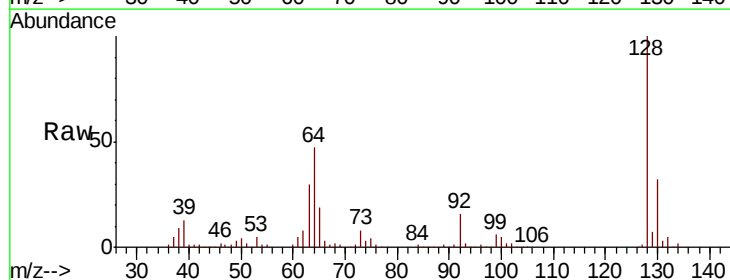
Tgt Ion: 128 Resp: 248931

Ion Ratio Lower Upper

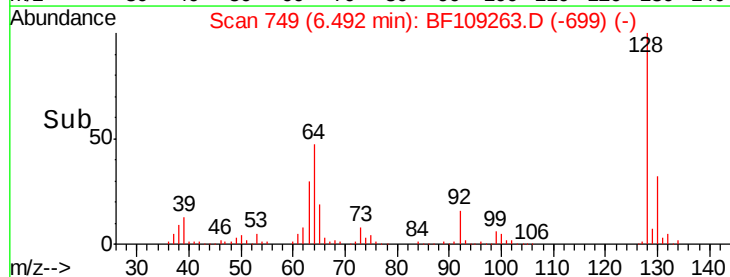
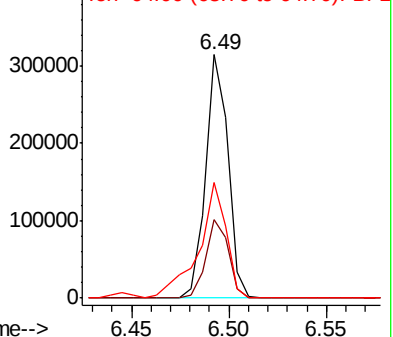
128 100

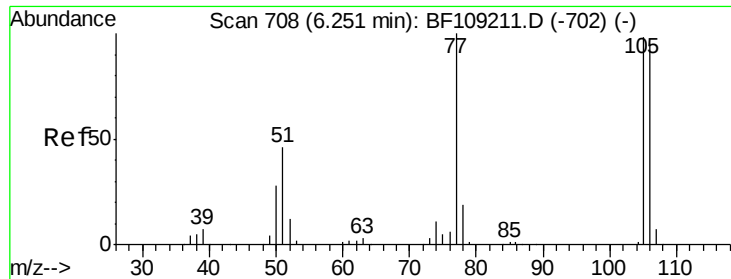
130 32.4 13.0 53.0

64 47.5 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: 25.502 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

ClientSampled :

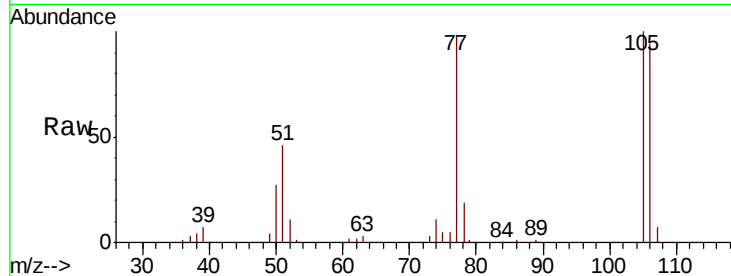
Tot Ion: 77 Resp: 165502

Ion Ratio Lower Upper

77 100

105 101.7 81.1 121.1

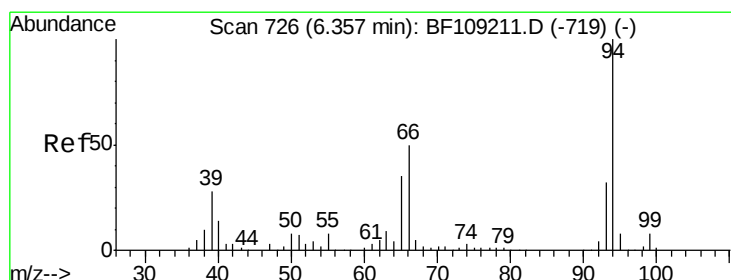
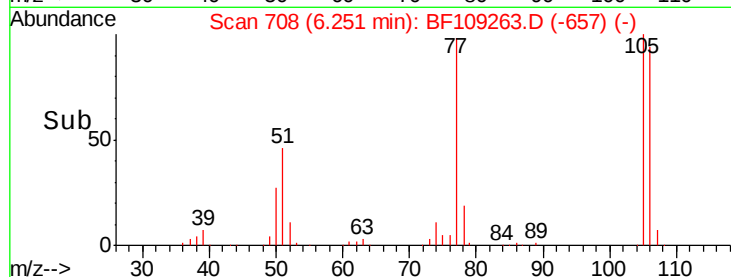
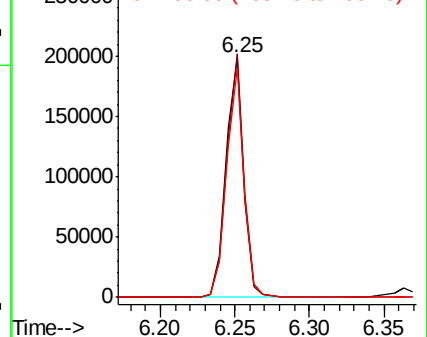
106 95.9 74.5 114.5



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: 29.622 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

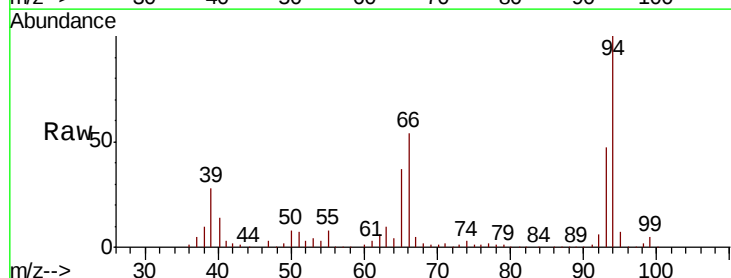
Tgt Ion: 94 Resp: 338892

Ion Ratio Lower Upper

94 100

65 36.6 7.9 47.9

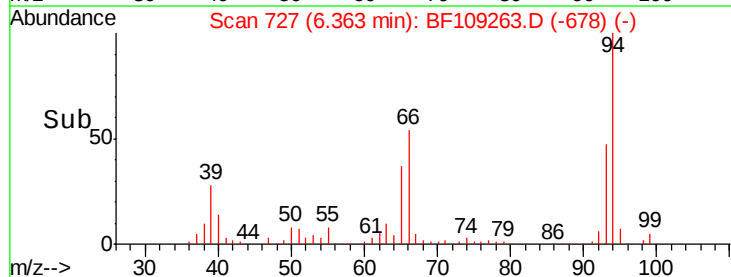
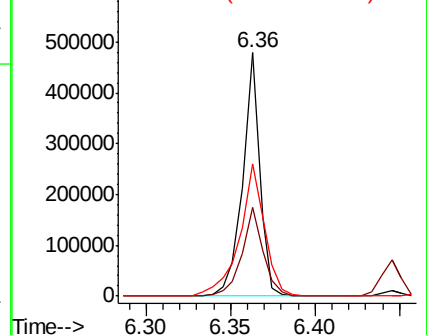
66 54.4 16.2 56.2

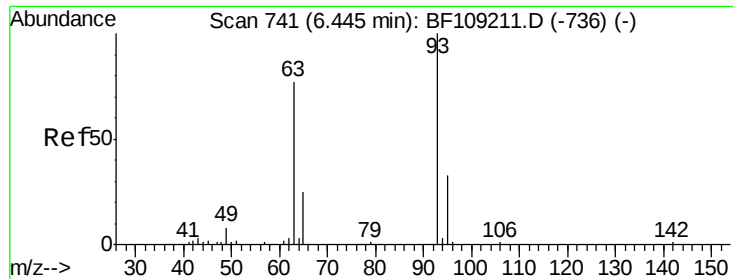


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

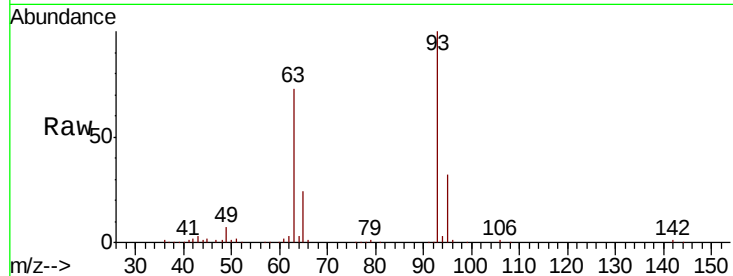




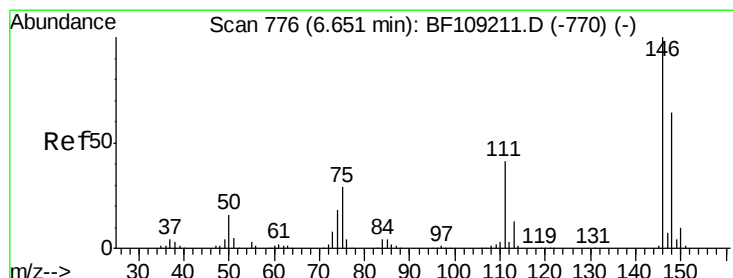
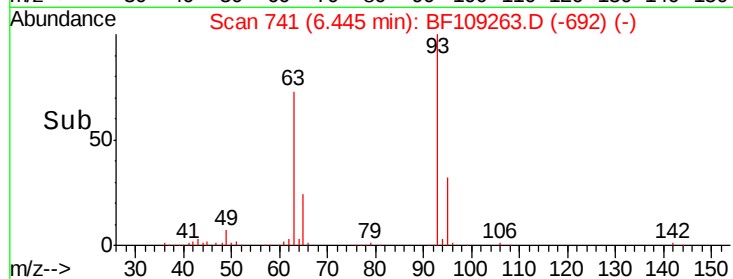
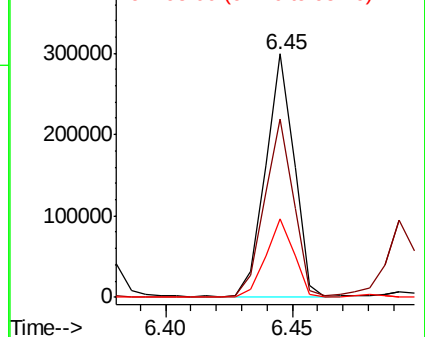
#11
 bis(2-Chloroethyl)ether
 Concen: 26.239 ng
 RT: 6.45 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.1	58.6	98.6
95	32.1	11.8	51.8

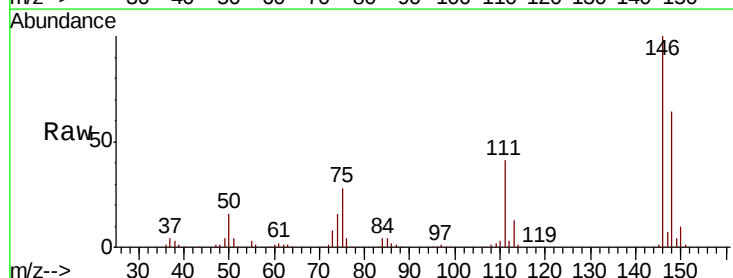


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

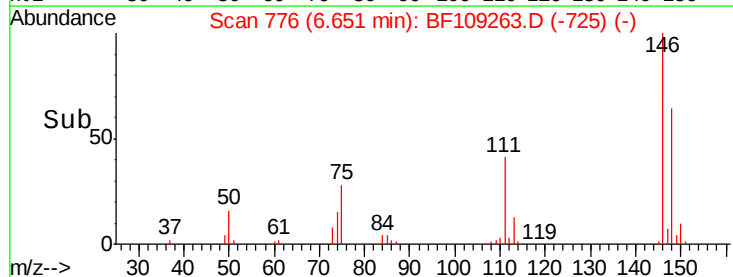
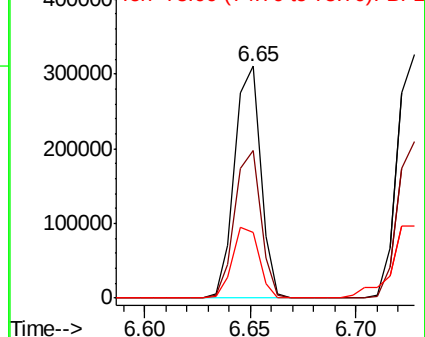


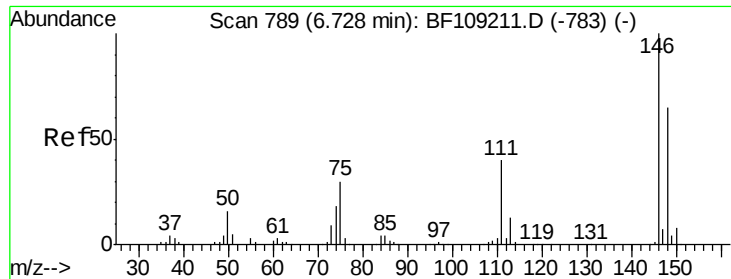
#12
 1,3-Dichlorobenzene
 Concen: 26.105 ng
 RT: 6.65 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.8
75	28.1	24.2	36.4



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

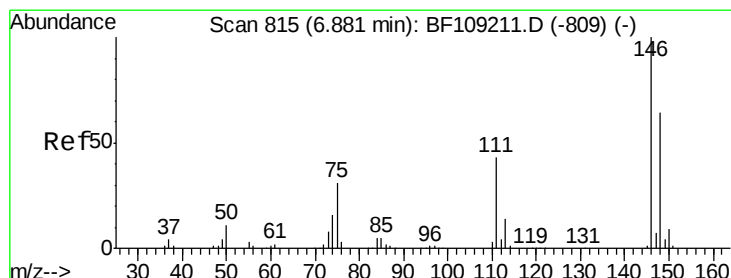
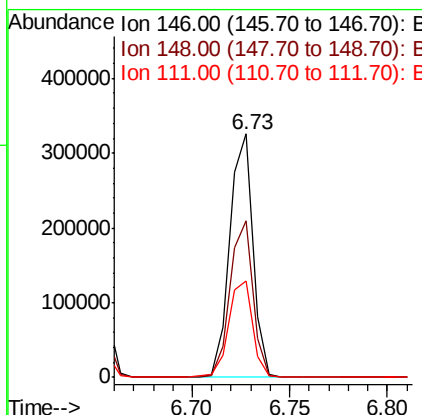
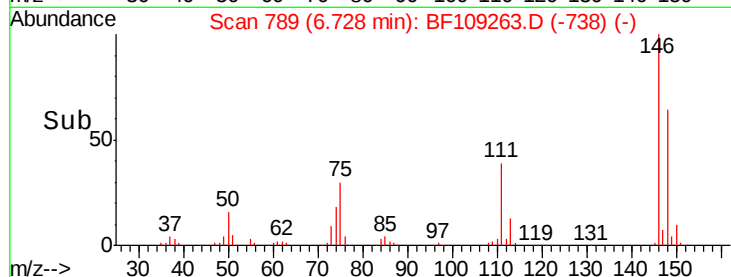
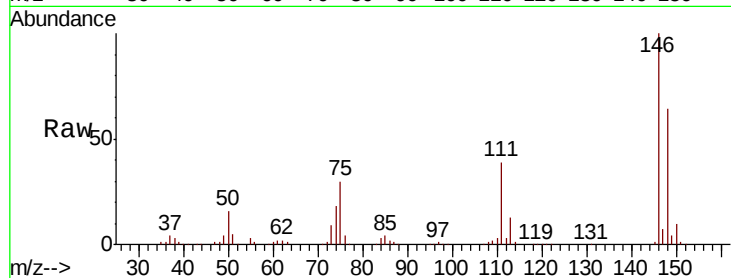




#13
 1,4-Dichlorobenzene
 Concen: 26.216 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

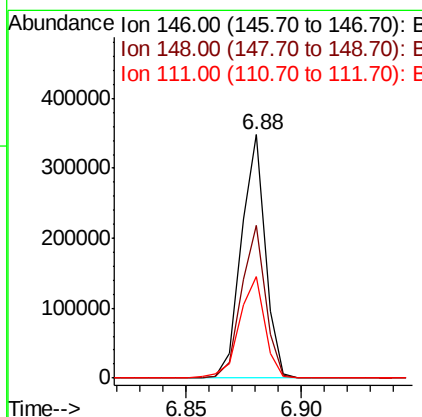
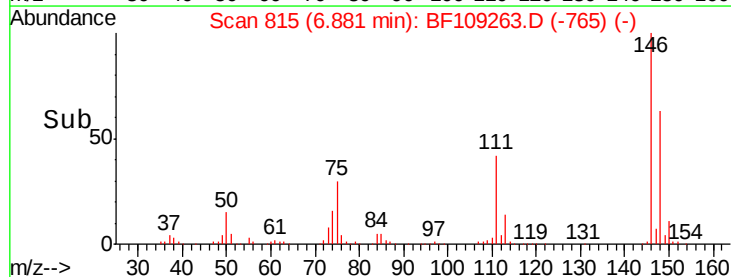
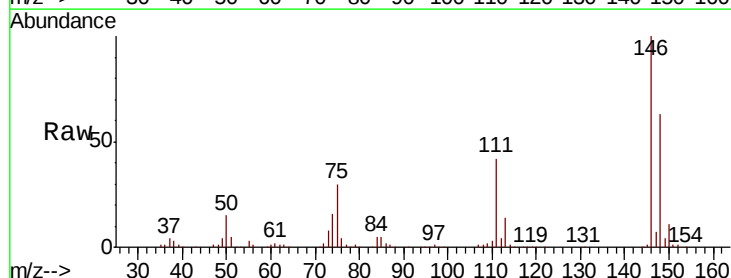
Instrument :
 BNA_F
 ClientSampled :

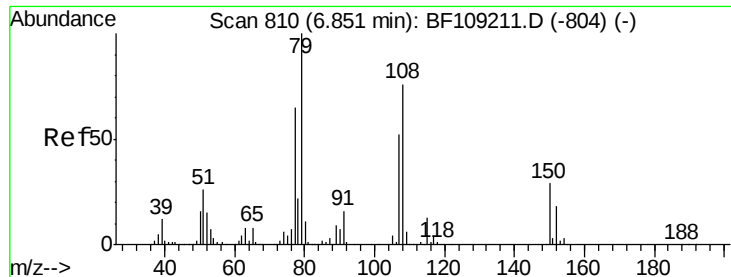
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	39.5	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 26.874 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	75.8
111	42.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 29.285 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

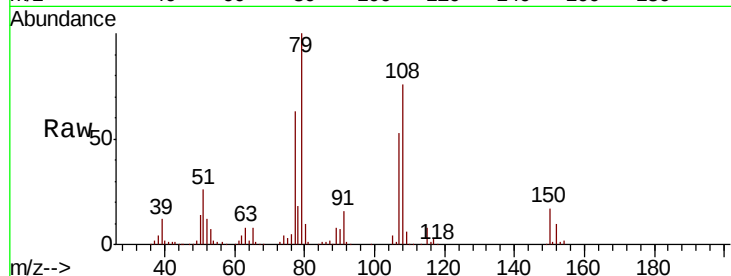
Tot Ion: 79 Resp: 226449

Ion Ratio Lower Upper

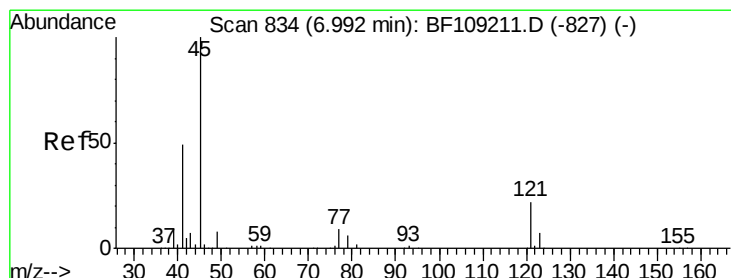
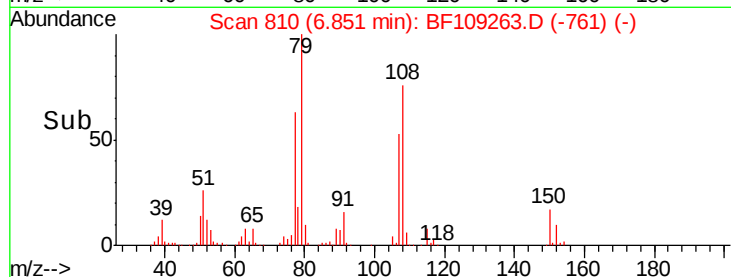
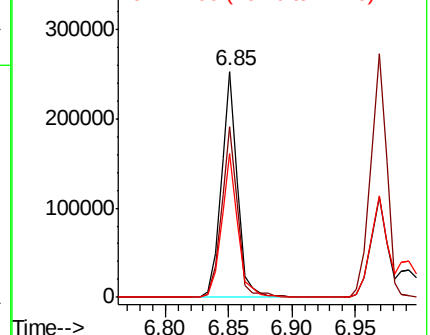
79 100

108 75.6 65.1 97.7

77 63.5 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: 26.351 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

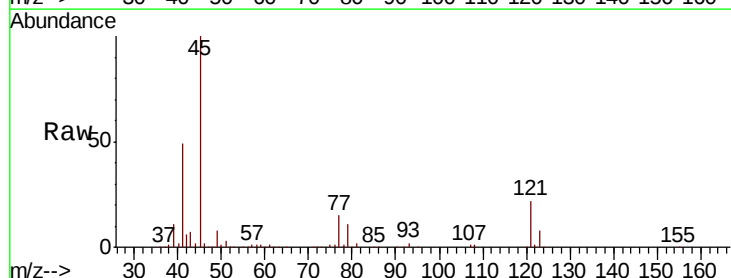
Tgt Ion: 45 Resp: 334606

Ion Ratio Lower Upper

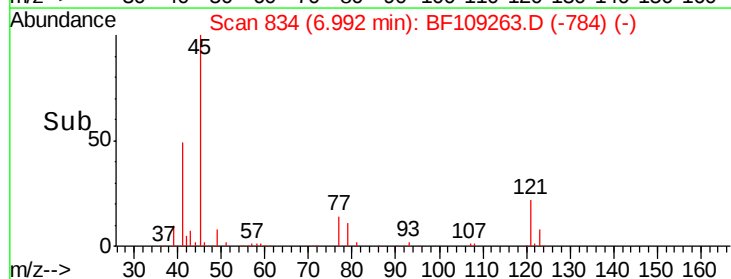
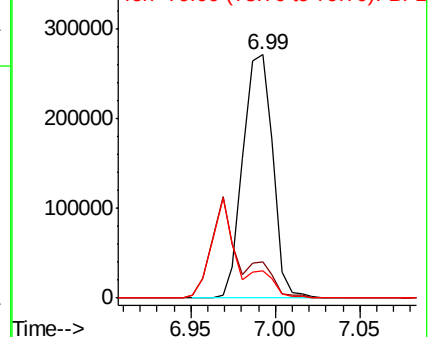
45 100

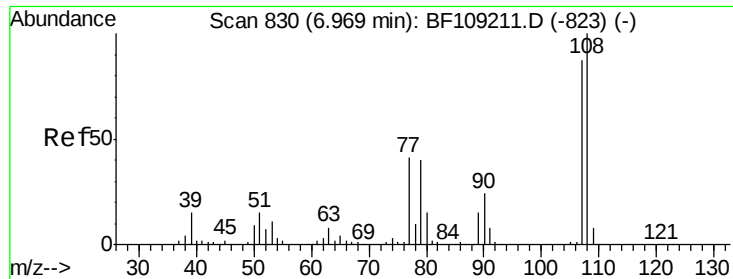
77 14.8 0.0 32.9

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

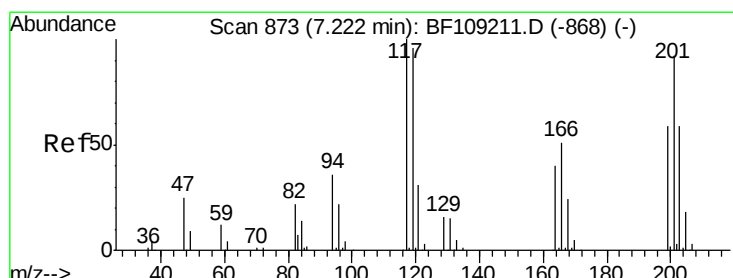
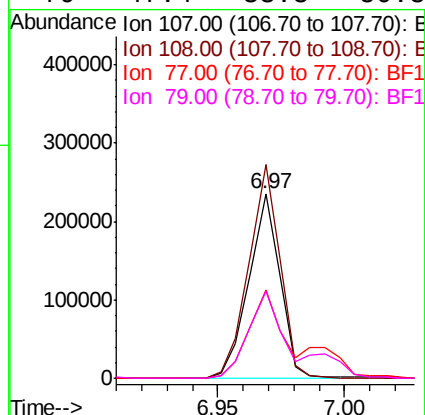
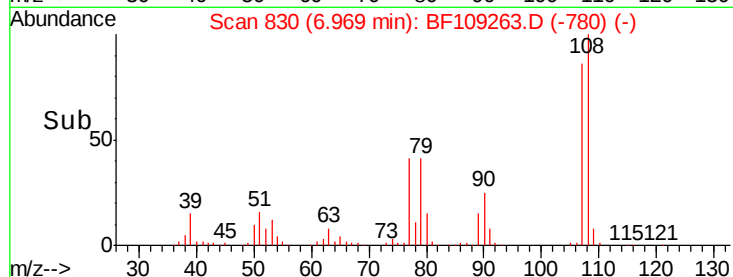
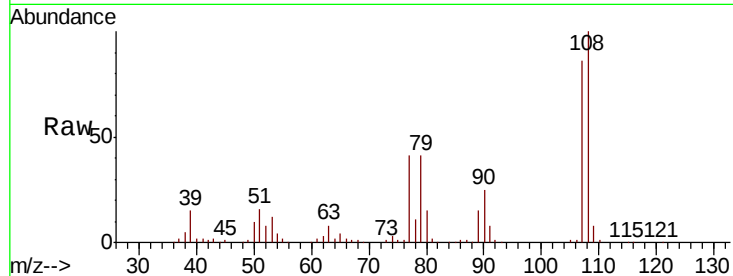




#17
2-Methylphenol
Concen: 28.457 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

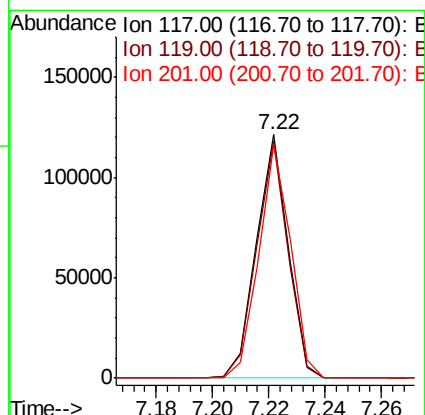
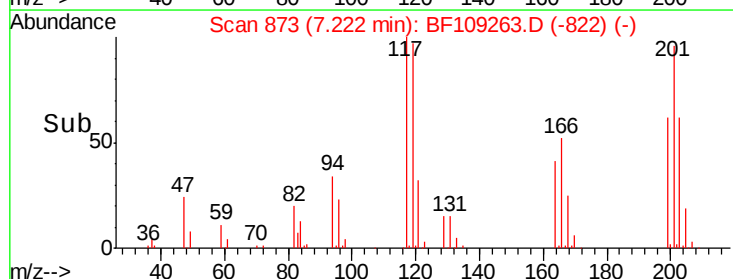
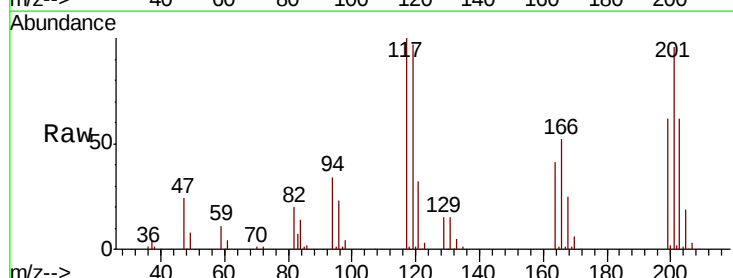
Instrument :
BNA_F
ClientSampleId :

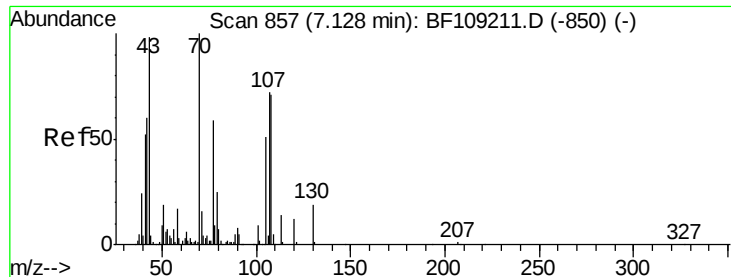
Tot Ion:	107	Resp:	202713
Ion	Ratio	Lower	Upper
107	100		
108	115.9	91.7	137.5
77	48.1	33.8	50.8
79	47.4	33.8	50.8



#18
Hexachloroethane
Concen: 26.282 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion:	117	Resp:	94558
Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.8	113.8
201	95.9	75.7	113.5

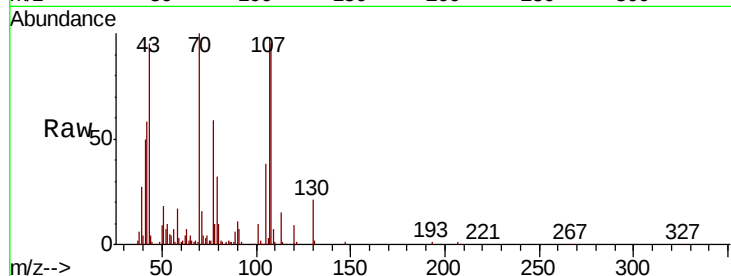




#19
n-Nitroso-di-n-propylamine
Concen: 26.668 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.2	47.5	71.3
101	9.7	7.4	11.2
130	21.1	16.6	25.0



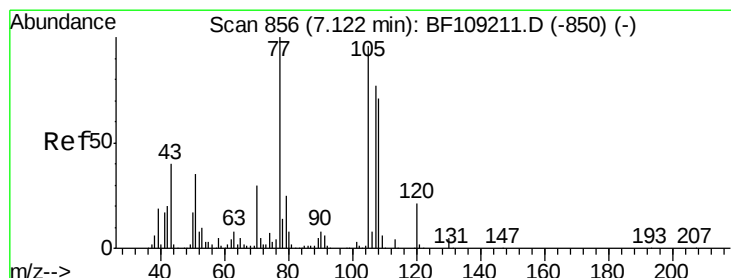
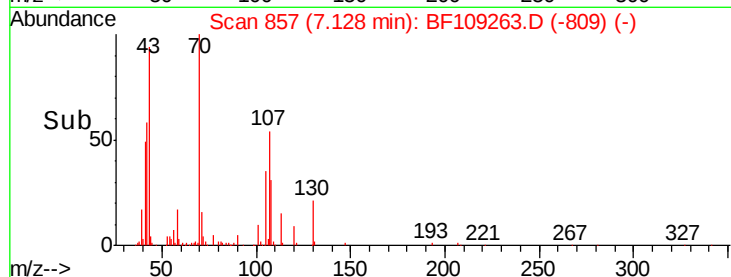
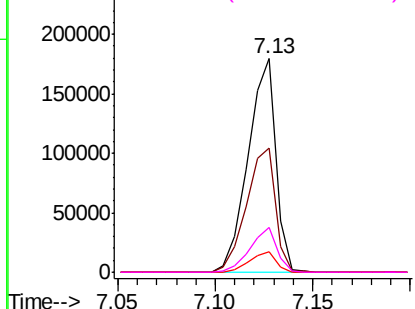
Abundance

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): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 29.171 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	68.2	108.2
77	109.3	26.7	66.7#
79	30.6	6.3	46.3

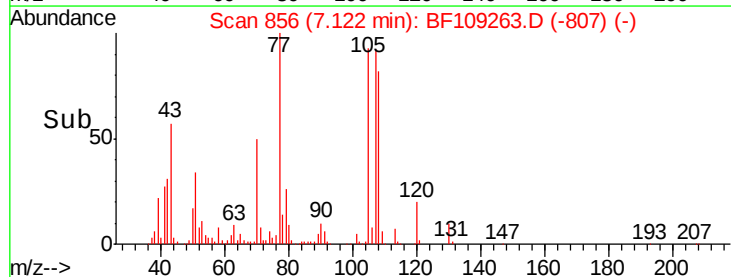
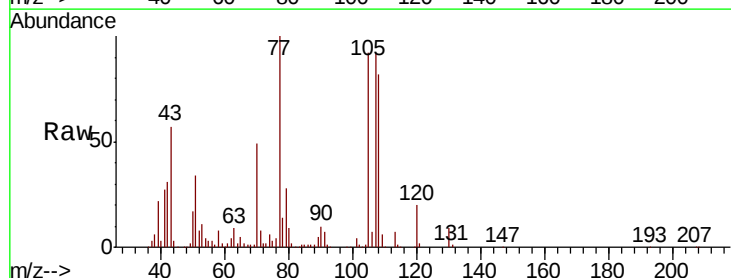
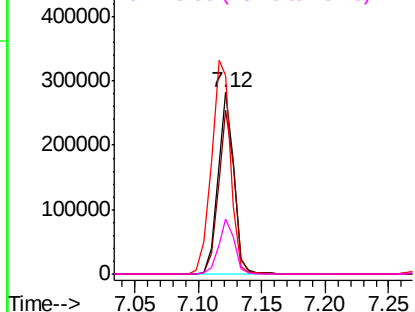
Abundance

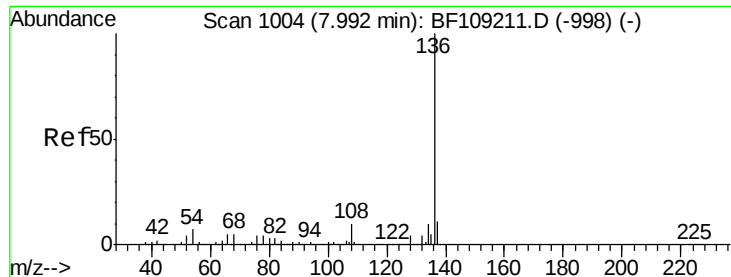
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

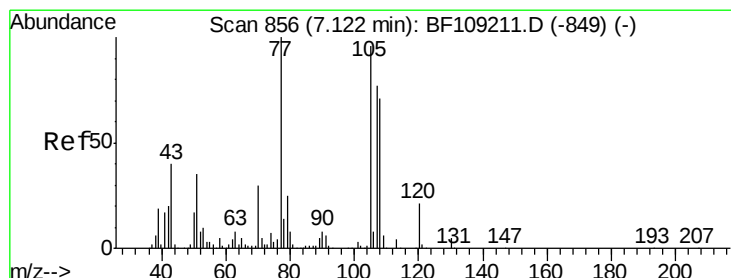
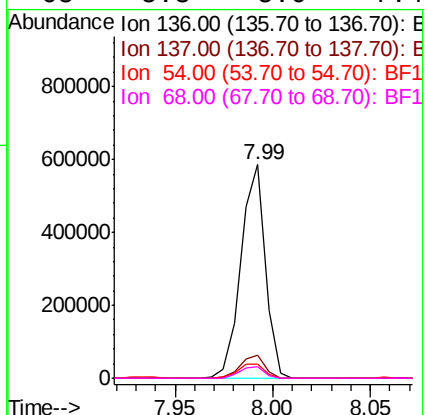
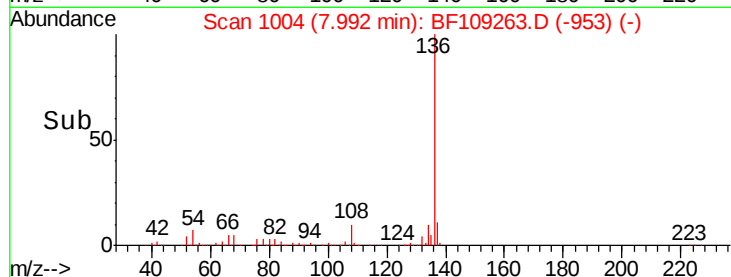
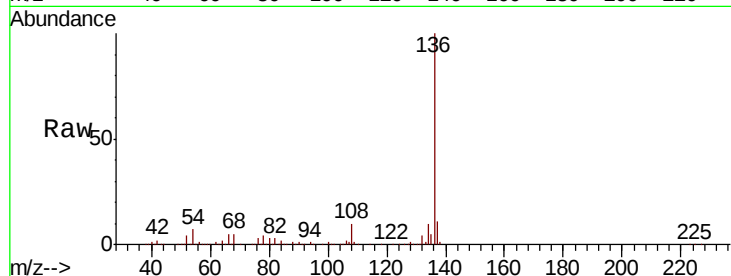




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

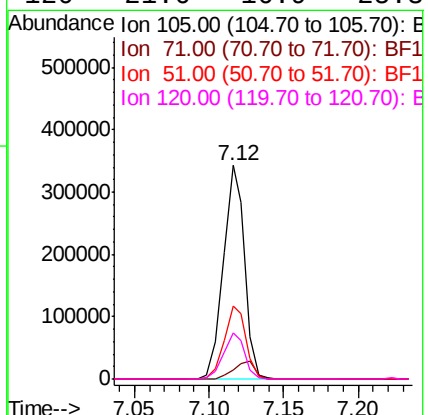
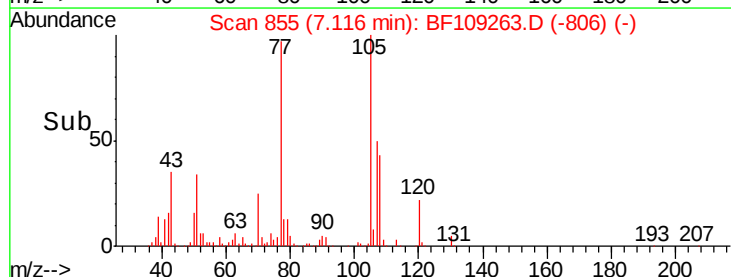
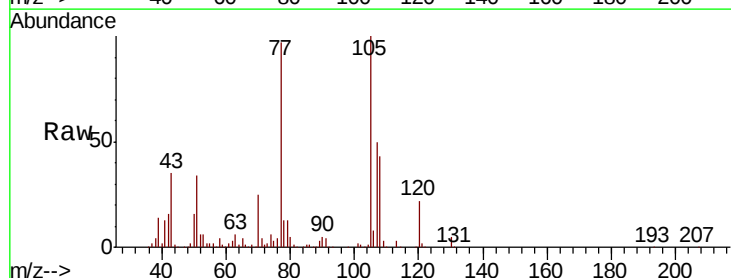
Instrument :
BNA_F
ClientSampleId :

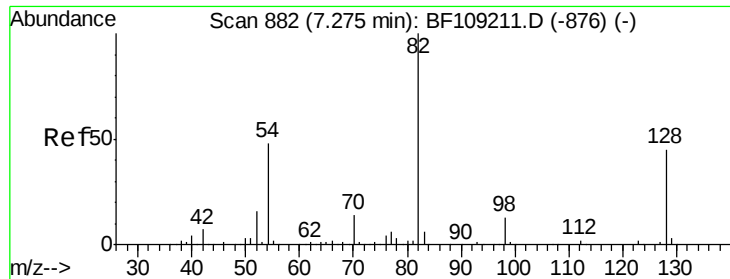
Tot Ion:136	Resp:	507838	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	8.9	13.3	
54 6.6	6.6	9.8	
68 5.3	5.0	7.4	



#22
Acetophenone
Concen: 29.270 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt	Ion:105	Resp:	343668
Ion	Ratio	Lower	Upper
105	100		
71	4.2	4.4	6.6#
51	34.5	22.3	33.5#
120	21.6	16.9	25.3

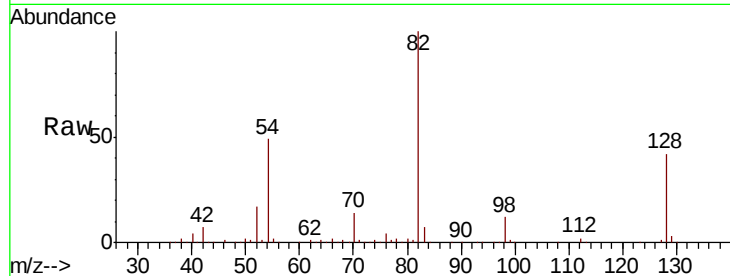




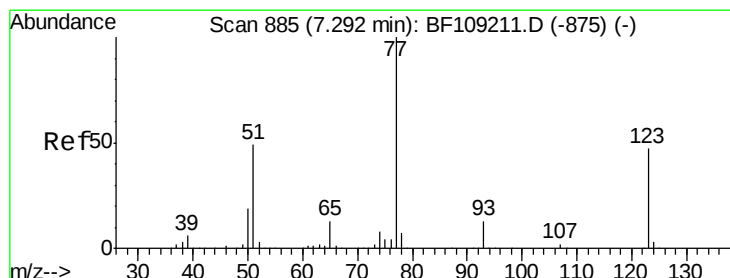
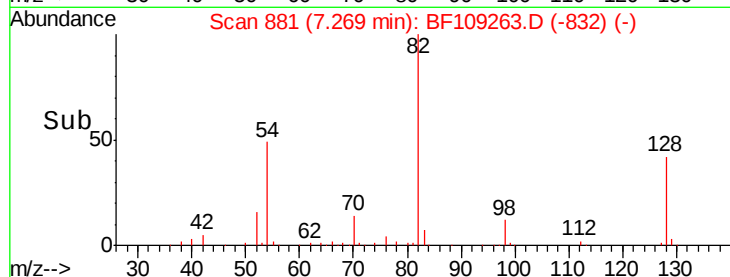
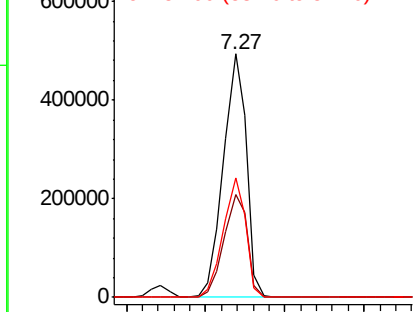
#23
Nitrobenzene-d5
Concen: 57.693 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	496321
Ion Ratio	Lower	Upper	
82	100		
128	42.3	36.1	54.1
54	49.1	41.4	62.2

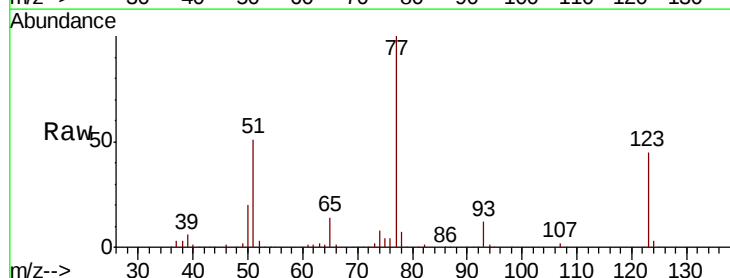


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

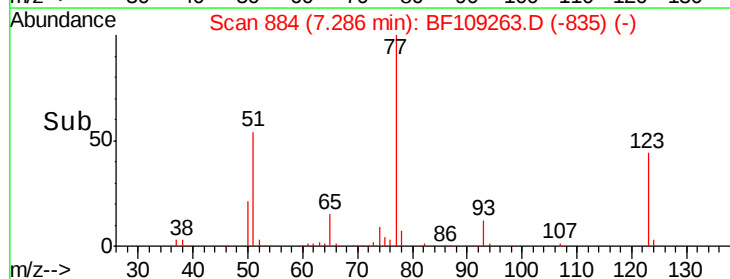
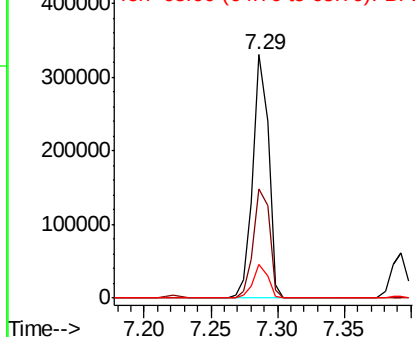


#24
Nitrobenzene
Concen: 29.129 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion	77	Resp	266443
Ion Ratio	Lower	Upper	
77	100		
123	45.0	37.9	56.9
65	13.6	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

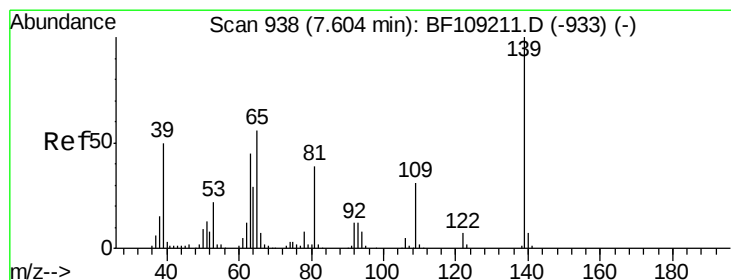
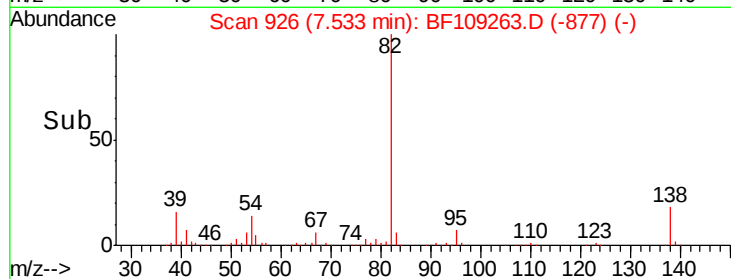
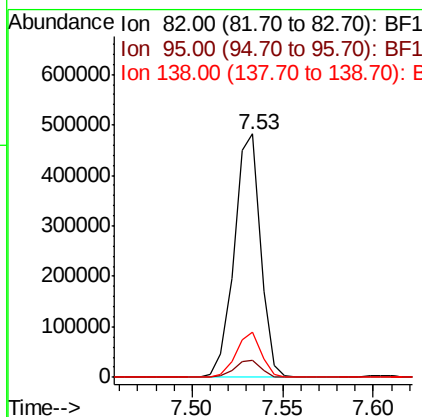
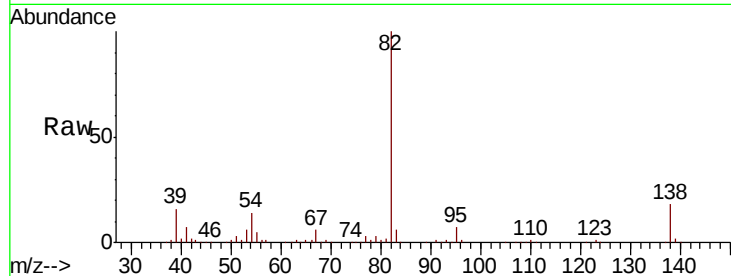




#25
Isophorone
Concen: 31.496 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

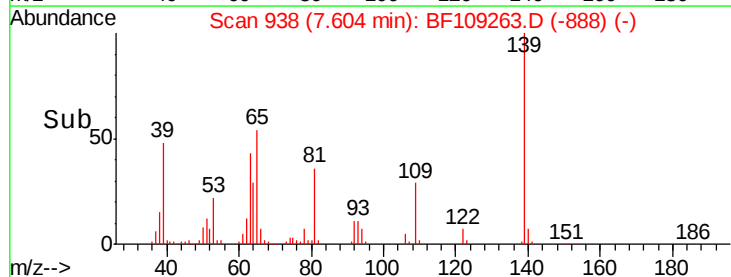
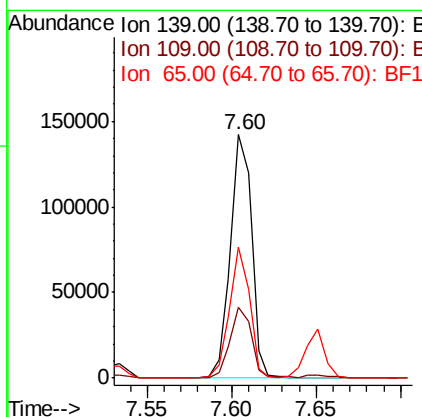
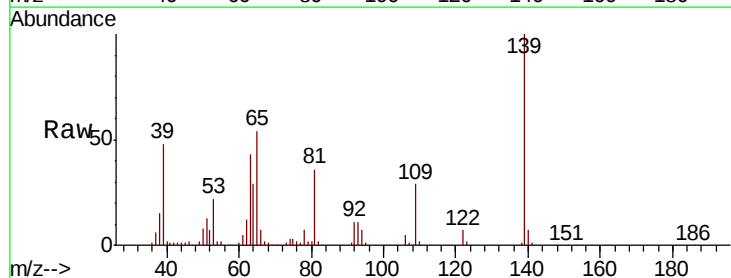
Instrument :
BNA_F
ClientSampleId :

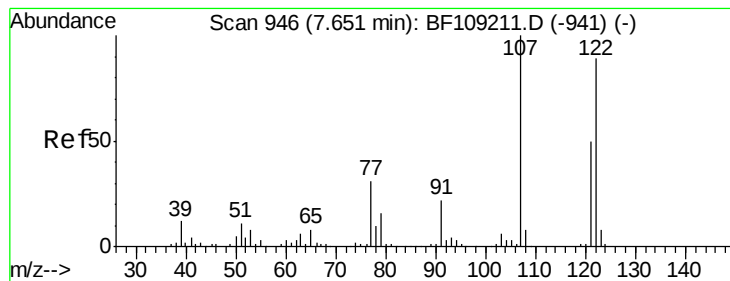
Tot Ion: 82 Resp: 487923
Ion Ratio Lower Upper
82 100
95 7.2 5.2 7.8
138 18.4 14.9 22.3



#26
2-Nitrophenol
Concen: 34.250 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion: 139 Resp: 123897
Ion Ratio Lower Upper
139 100
109 29.3 22.7 34.1
65 54.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 33.986 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

ClientSampled :

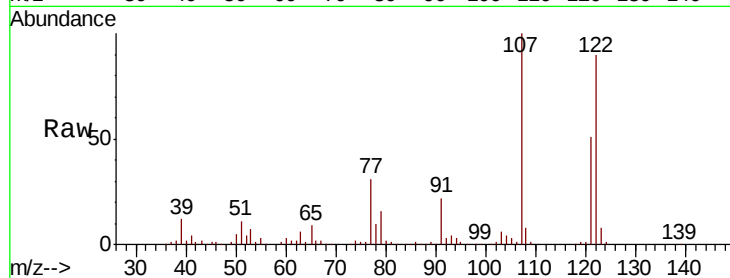
Tot Ion:122 Resp: 229408

Ion Ratio Lower Upper

122 100

107 111.7 91.2 136.8

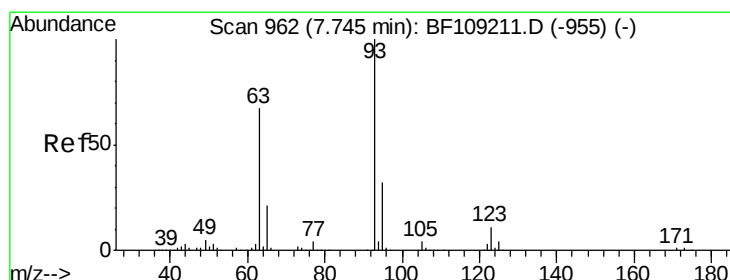
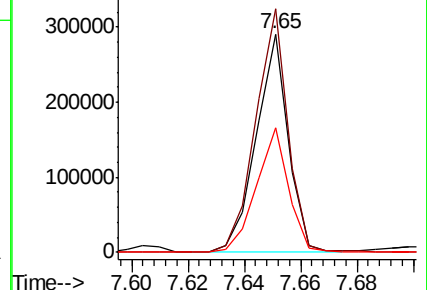
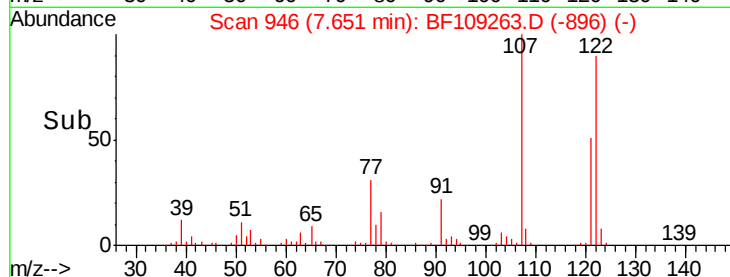
121 57.2 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 29.588 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

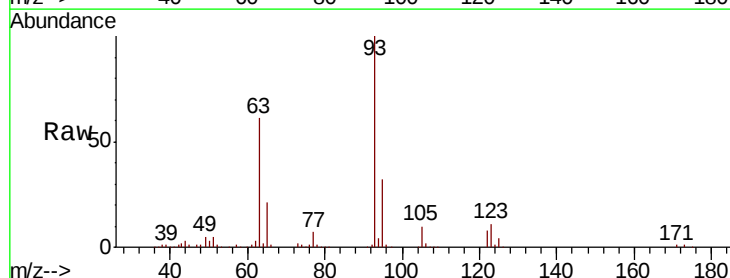
Tgt Ion: 93 Resp: 303423

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

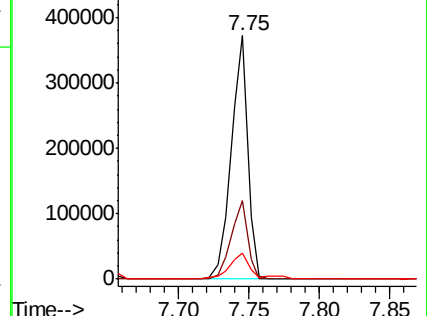
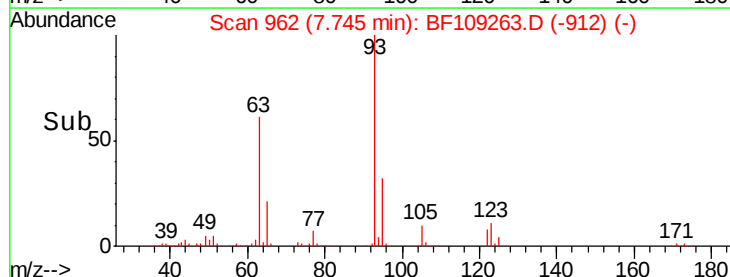
123 10.9 9.8 14.6

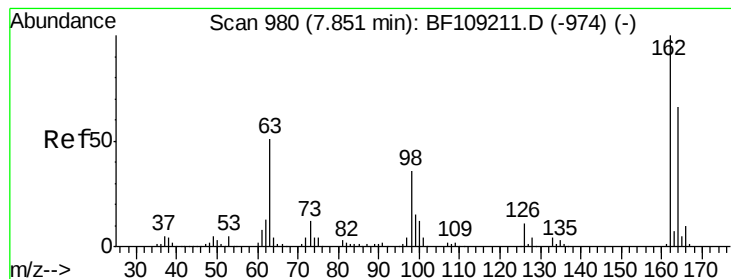


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 30.585 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

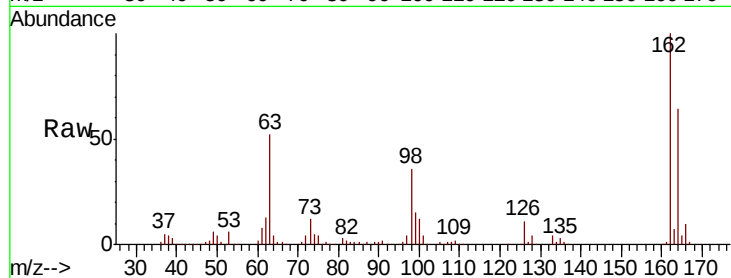
Tot Ion:162 Resp: 216910

Ion Ratio Lower Upper

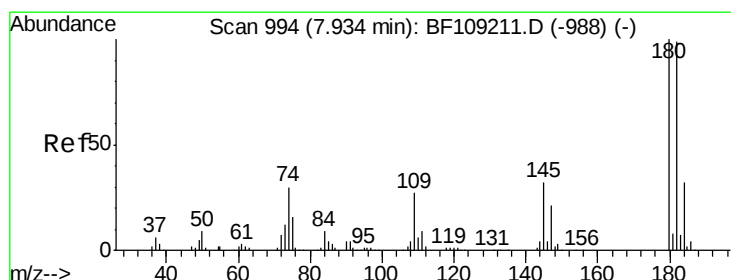
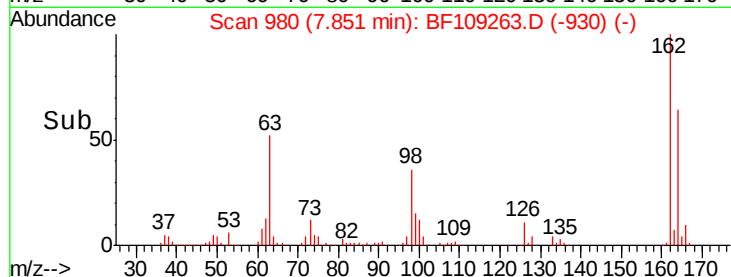
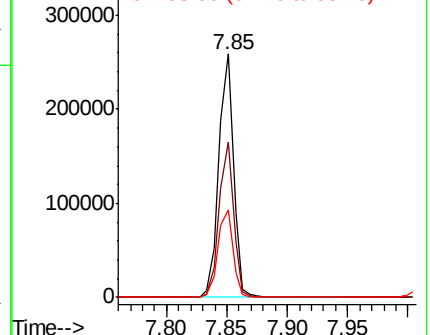
162 100

164 63.9 42.7 82.7

98 35.9 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: 27.499 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

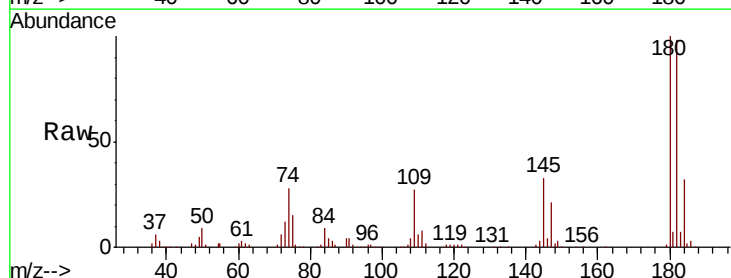
Tgt Ion:180 Resp: 217919

Ion Ratio Lower Upper

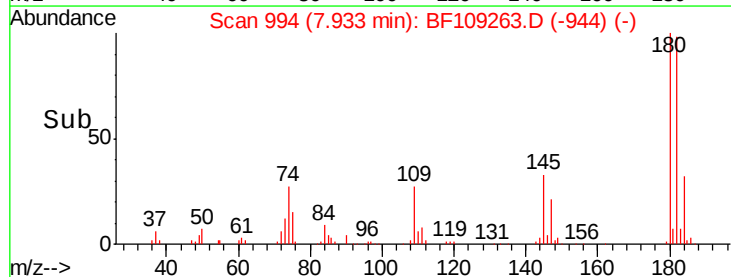
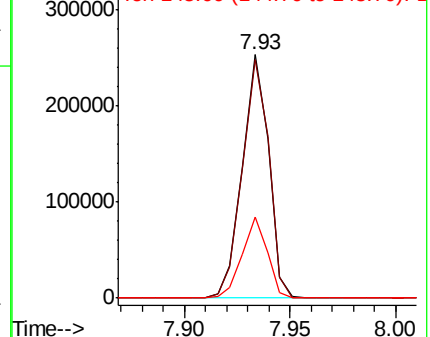
180 100

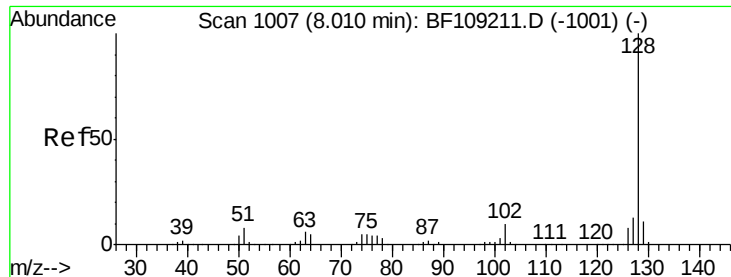
182 98.2 76.8 115.2

145 33.0 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: 30.165 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

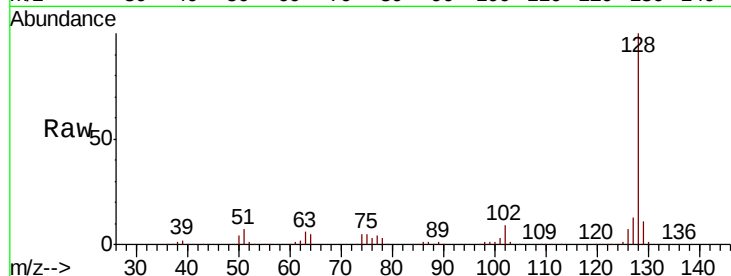
Tot Ion:128 Resp: 715854

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

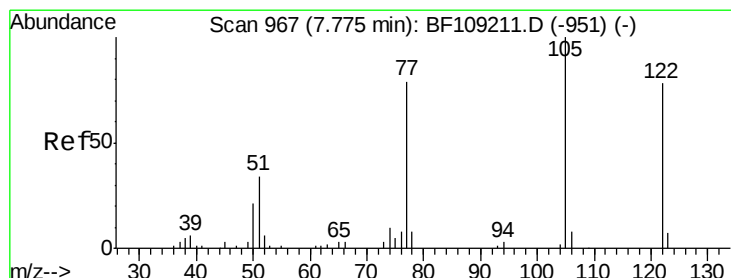
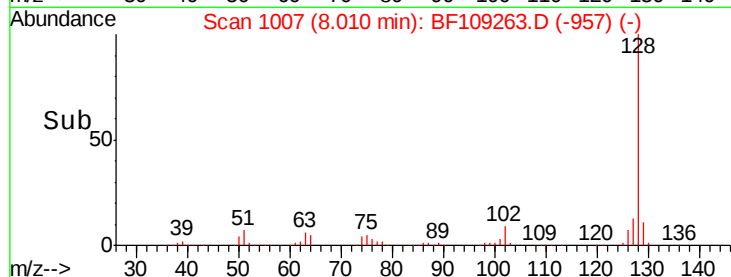
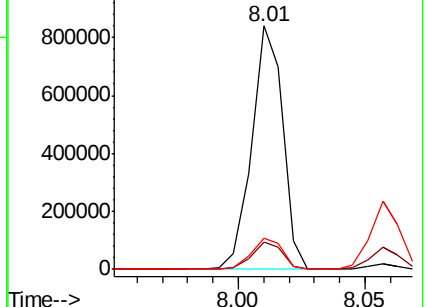
127 13.1 10.9 16.3



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: 33.601 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.05 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

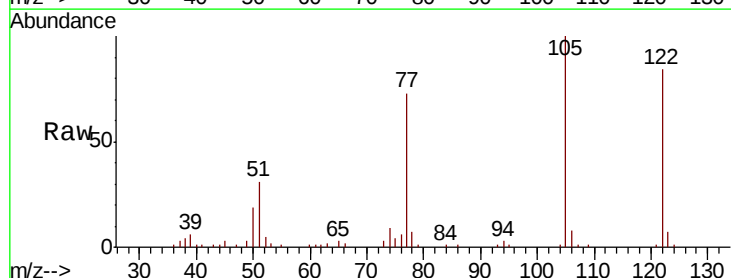
Tgt Ion:122 Resp: 143232

Ion Ratio Lower Upper

122 100

105 118.6 101.1 141.1

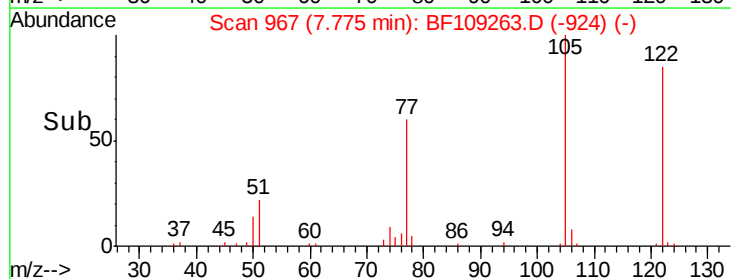
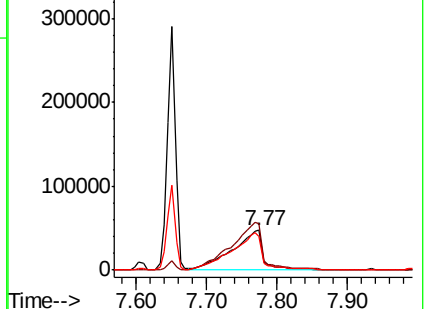
77 86.1 70.7 110.7

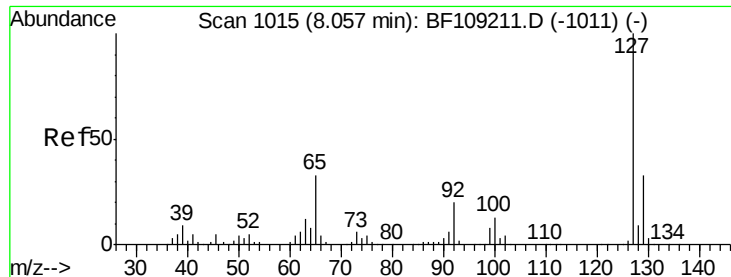


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

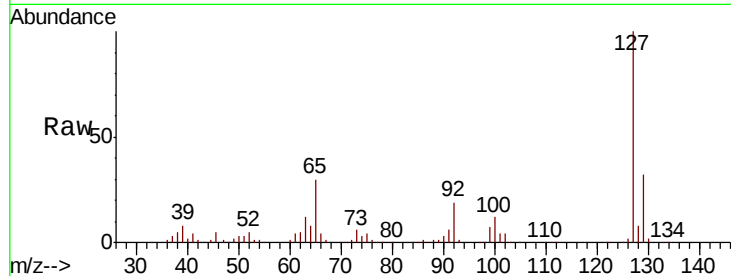




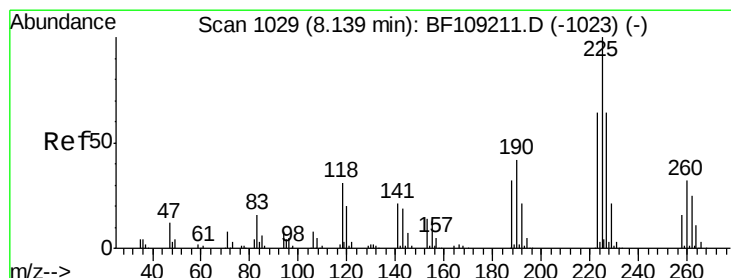
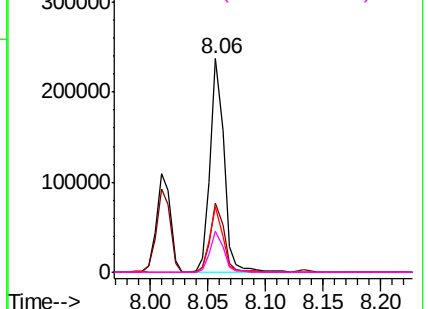
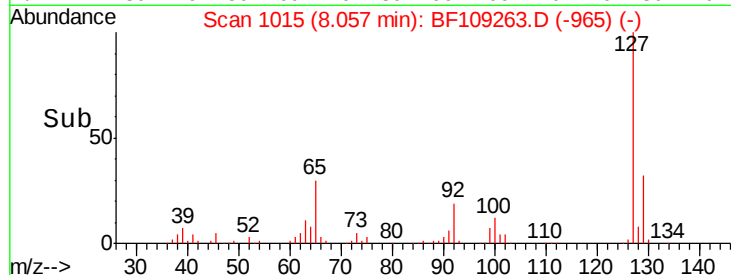
#33
4-Chloroaniline
Concen: 19.269 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	199766
Ion Ratio	Lower	Upper
127	100	
129	32.5	25.9 38.9
65	30.5	25.0 37.4
92	19.1	15.2 22.8

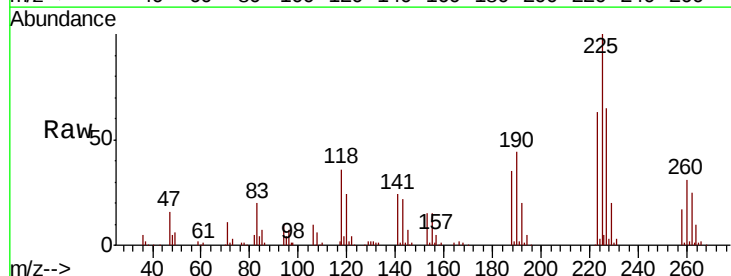


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

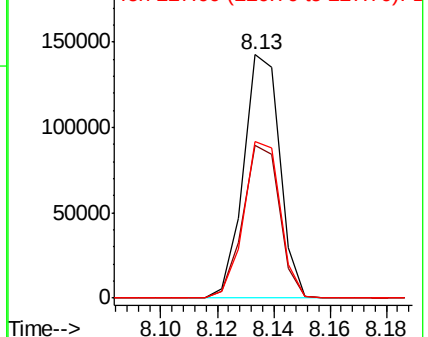
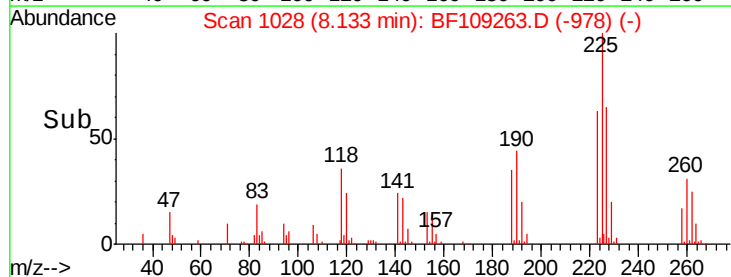


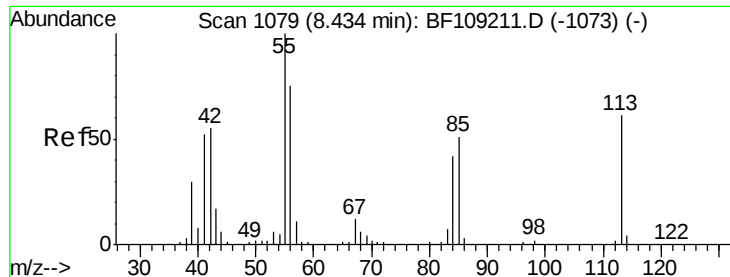
#34
Hexachlorobutadiene
Concen: 26.632 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion:225	Resp:	127230
Ion Ratio	Lower	Upper
225	100	
223	62.9	50.6 76.0
227	64.5	51.9 77.9



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

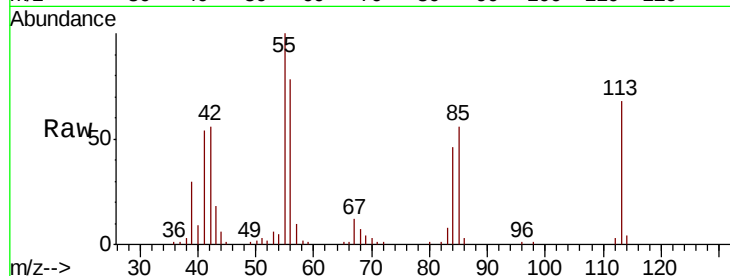




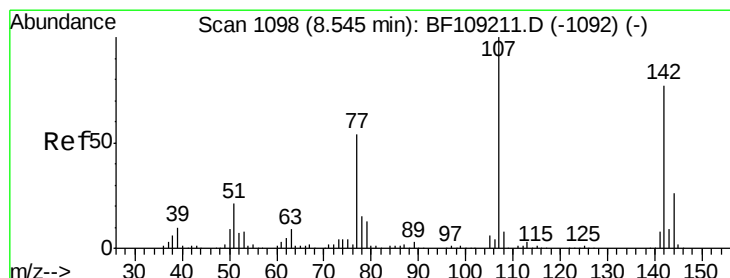
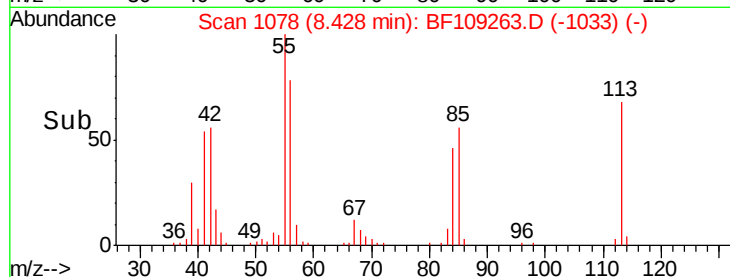
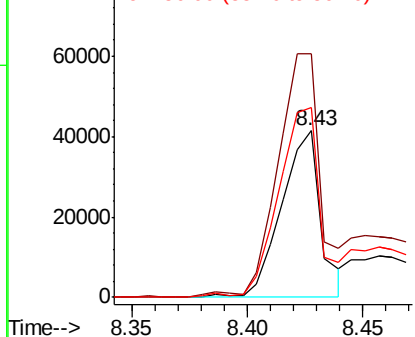
#35
Caprolactam
Concen: 21.371 ng
RT: 8.43 min Scan# 1078
Delta R.T. -0.04 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 48389
Ion Ratio Lower Upper
113 100
55 146.2 163.3 203.3#
56 113.6 115.7 155.7#

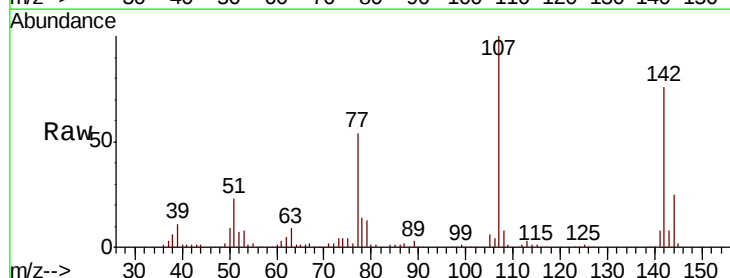


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

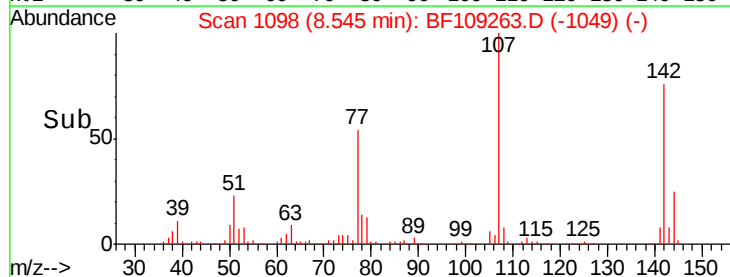
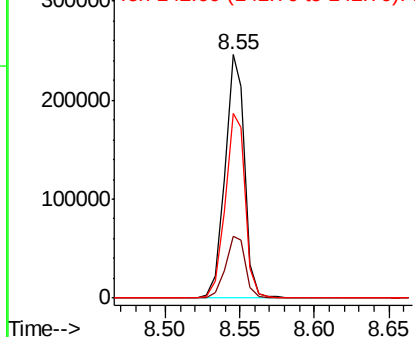


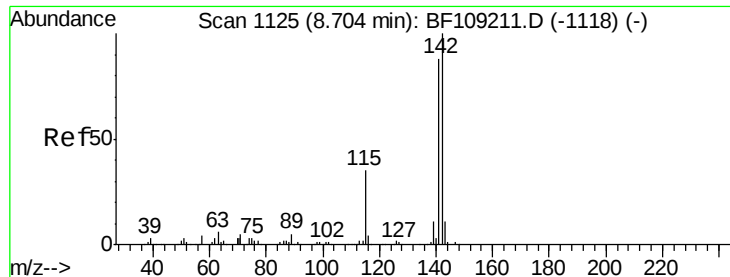
#36
4-Chloro-3-methylphenol
Concen: 30.707 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion:107 Resp: 229162
Ion Ratio Lower Upper
107 100
144 25.2 20.5 30.7
142 76.0 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

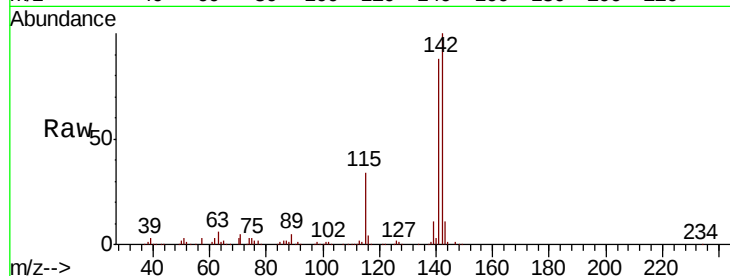




#37
2-Methylnaphthalene
Concen: 31.762 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.8	106.2
115	34.2	26.1	39.1

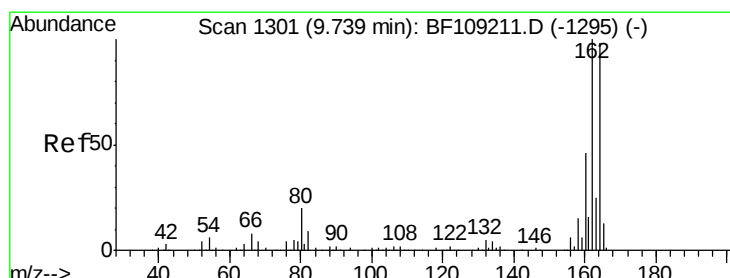
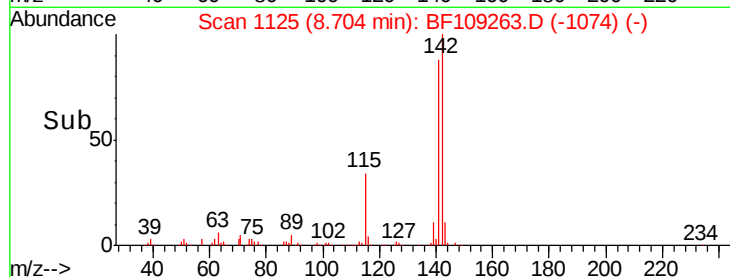
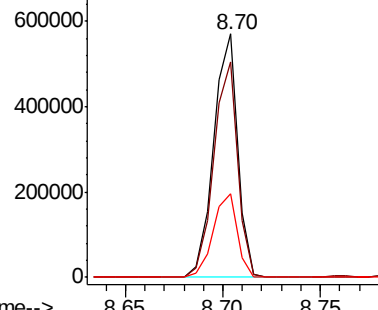


Abundance

Ion 142.00 (141.70 to 142.70): E

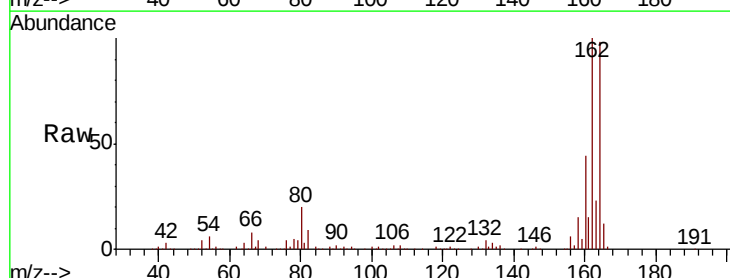
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	45.4	38.3	57.5

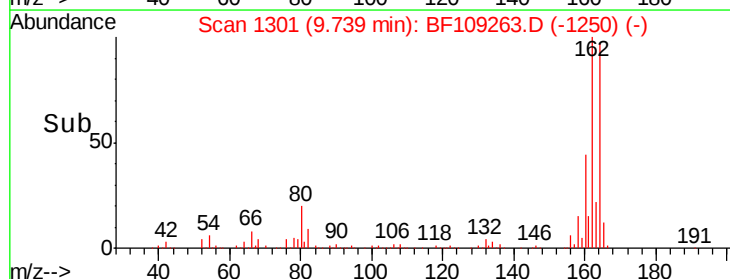
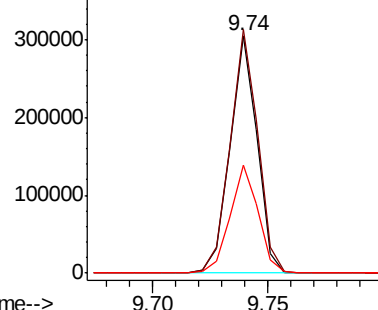


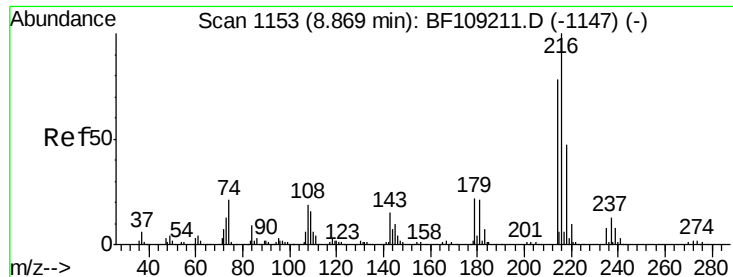
Abundance

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

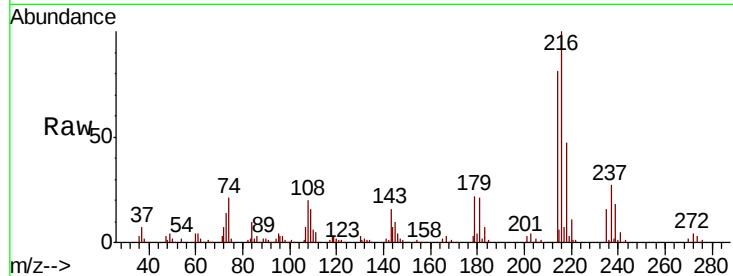




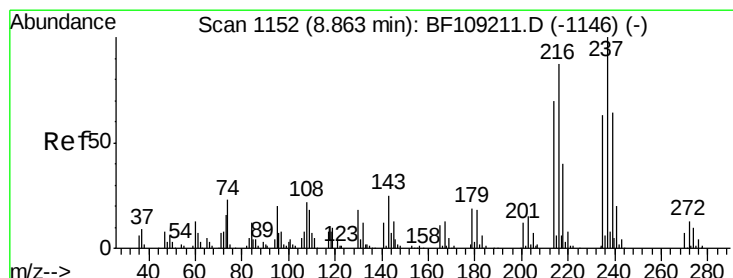
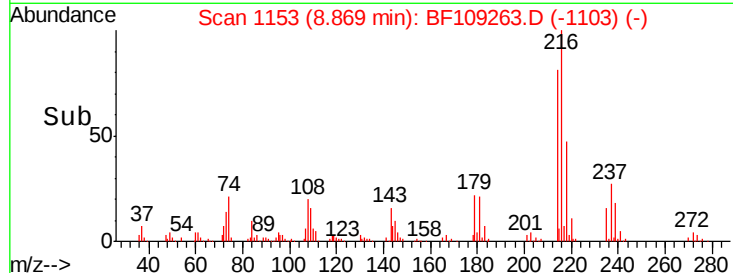
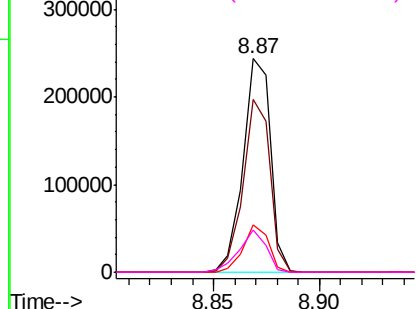
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.482 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	218783
Ion Ratio	Lower	Upper
216	100	
214	78.9	63.0 94.4
179	20.6	18.1 27.1
108	20.0	17.2 25.8

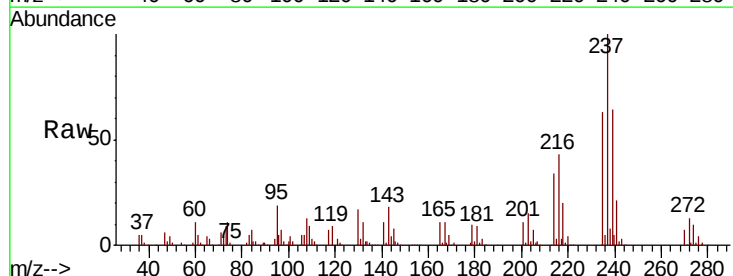


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

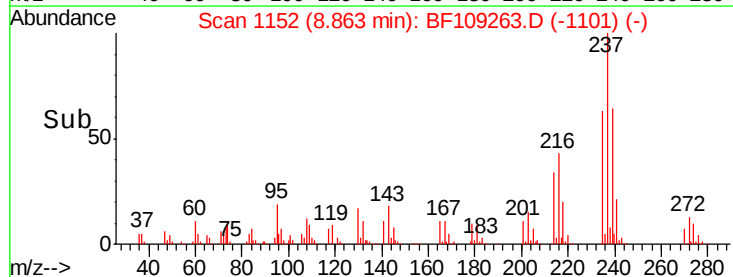
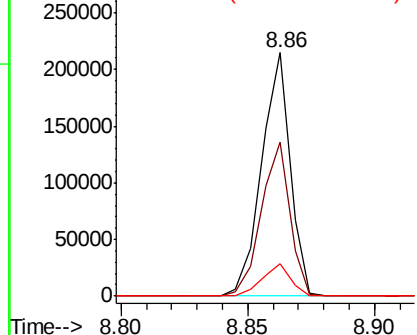


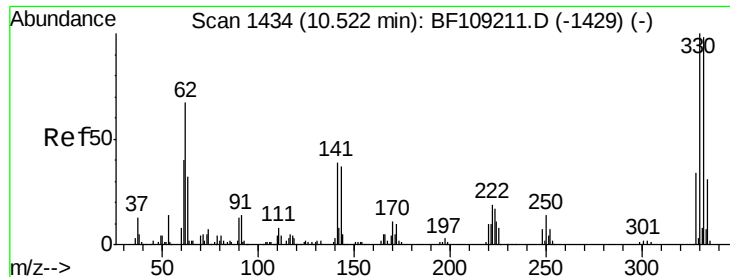
#40
 Hexachlorocyclopentadiene
 Concen: 48.897 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion:237	Resp:	169783
Ion Ratio	Lower	Upper
237	100	
235	63.1	44.8 84.8
272	13.2	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

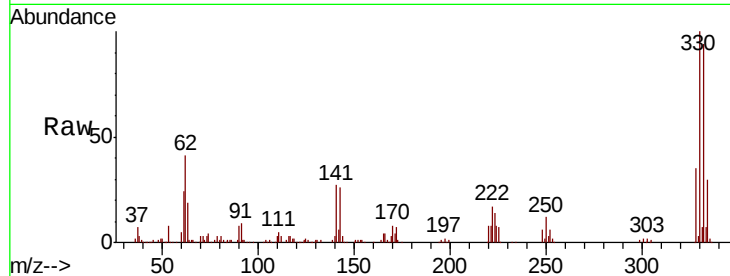




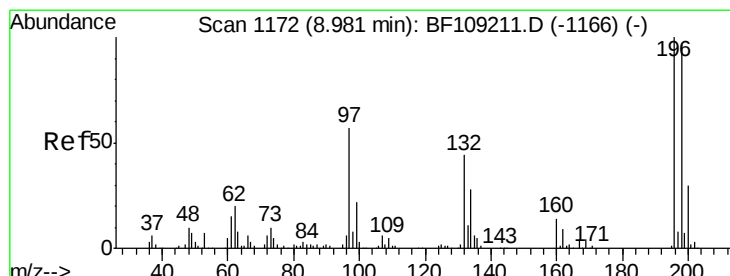
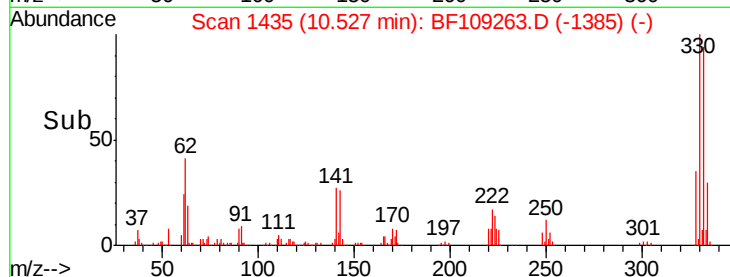
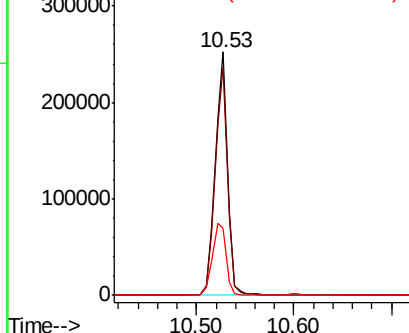
#41
 2,4,6-Tribromophenol
 Concen: 89.561 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 220847
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 33.2 29.9 44.9

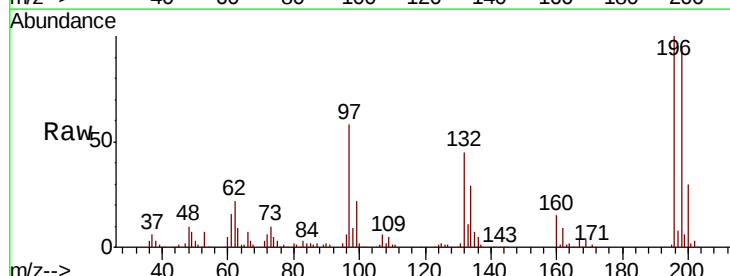


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

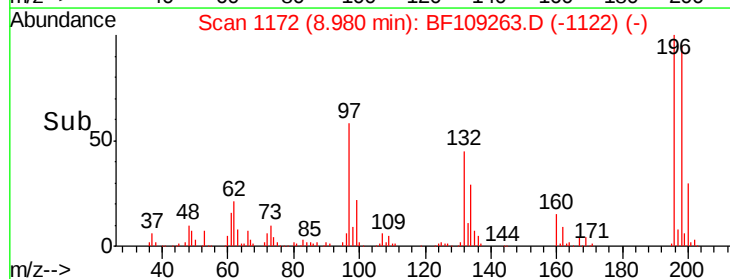
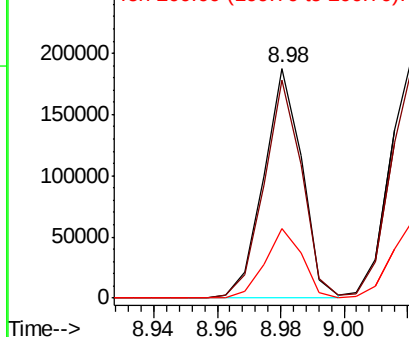


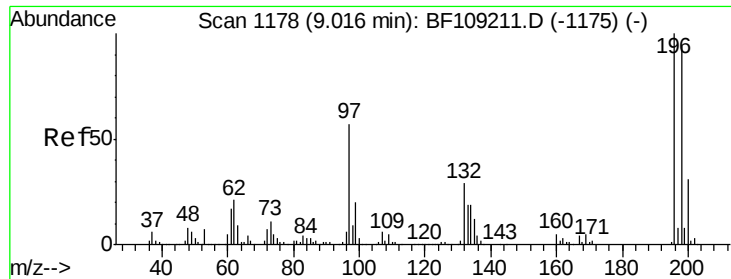
#42
 2,4,6-Trichlorophenol
 Concen: 30.771 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion:196 Resp: 157217
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.7 113.5
 200 30.5 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

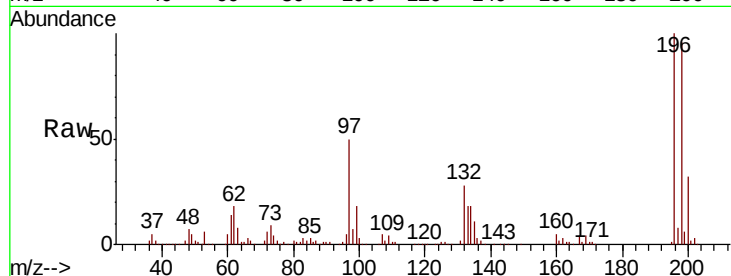




#43
 2,4,5-Trichlorophenol
 Concen: 30.663 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	165460
Ion Ratio	Lower	Upper	
196	100		
198	95.7	74.6	112.0
97	49.6	42.9	64.3
132	27.7	26.3	39.5



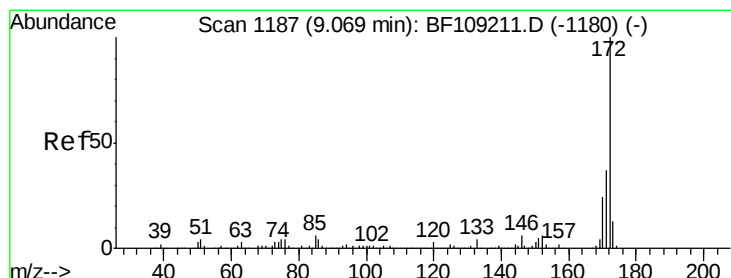
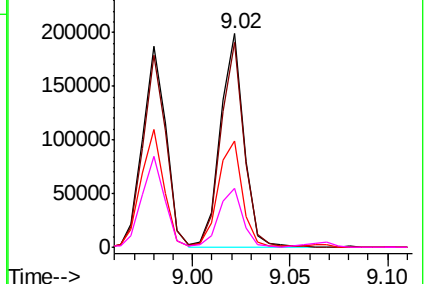
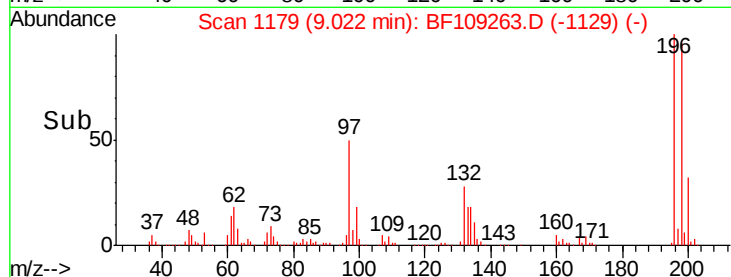
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

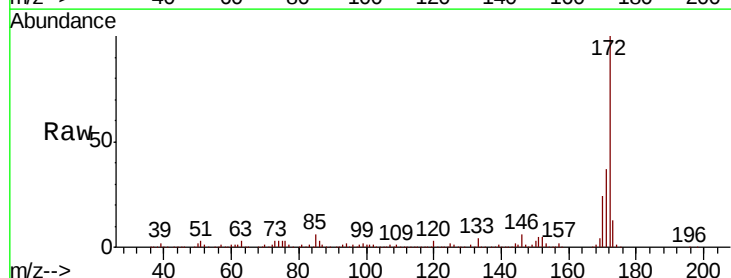
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 54.929 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion	172	Resp	911031
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.7	44.5
170	24.1	19.6	29.4

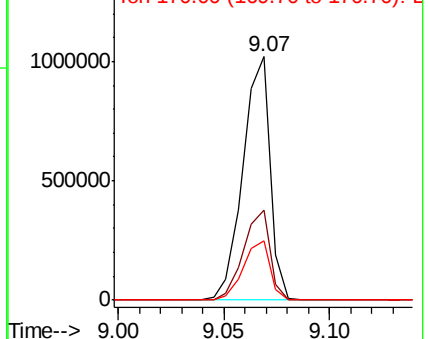
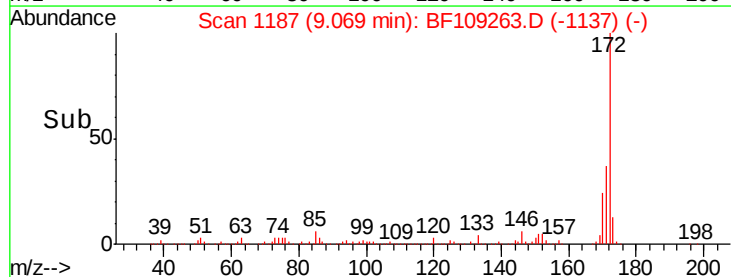


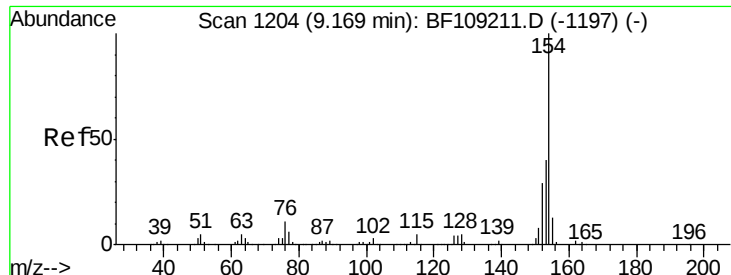
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

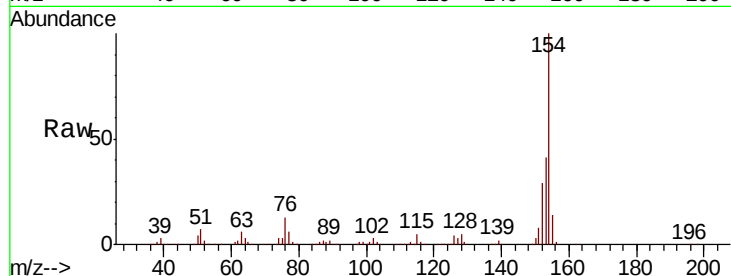




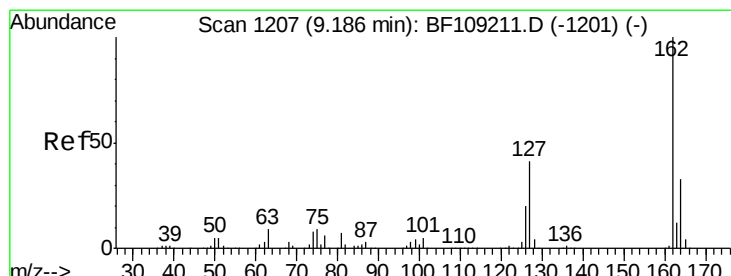
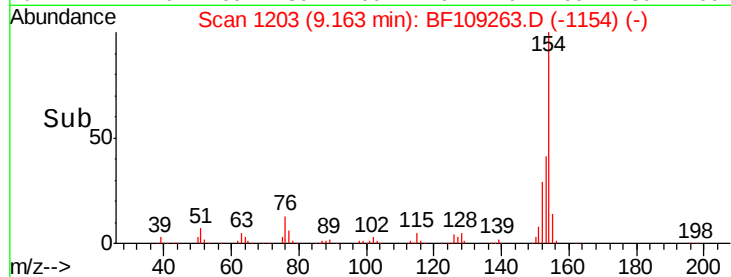
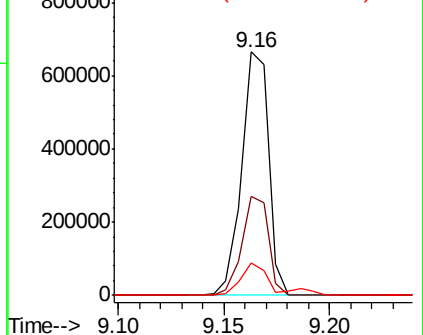
#45
 1,1'-Biphenyl
 Concen: 28.807 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	13.1	0.0	34.0

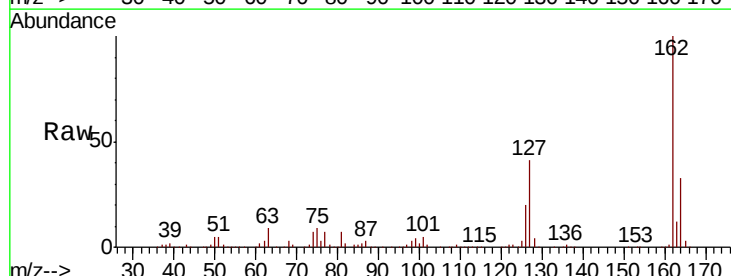


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

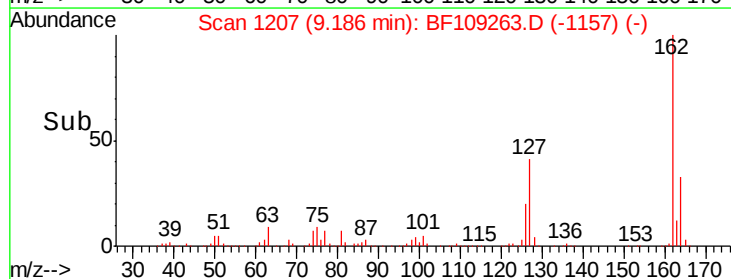
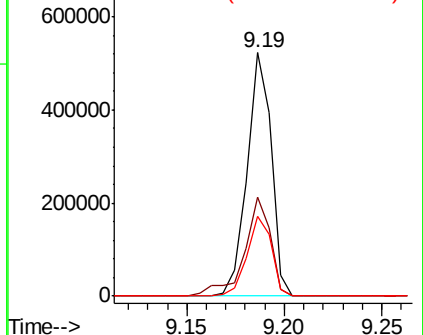


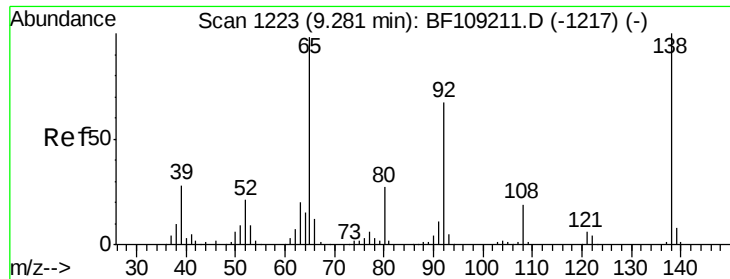
#46
 2-Chloronaphthalene
 Concen: 27.627 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.9	50.9
164	33.0	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

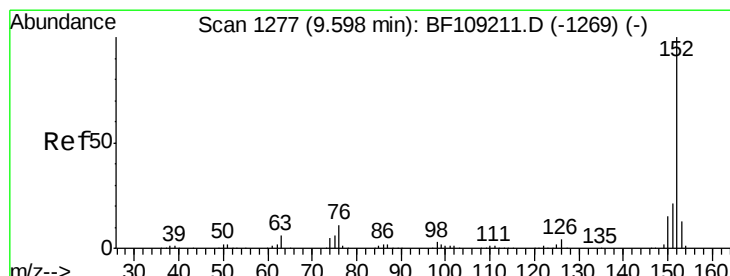
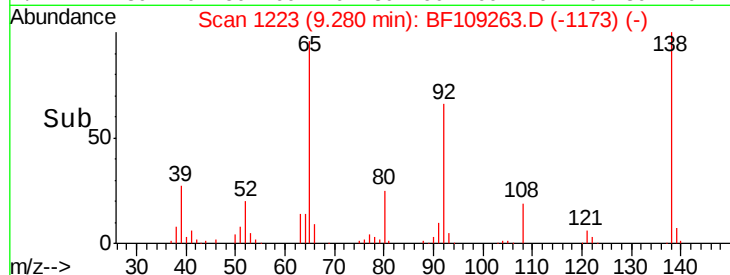
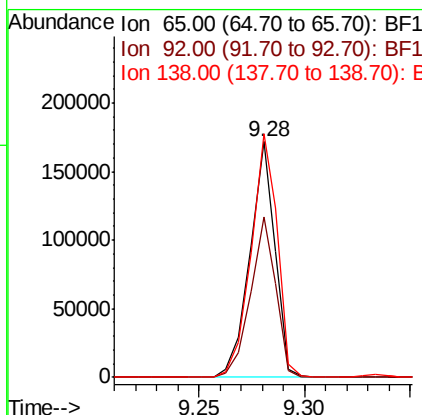
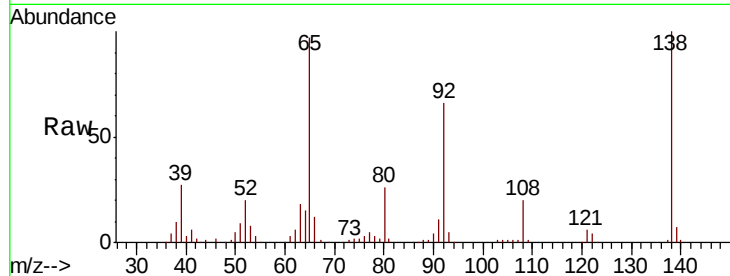




#47
 2-Nitroaniline
 Concen: 30.779 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

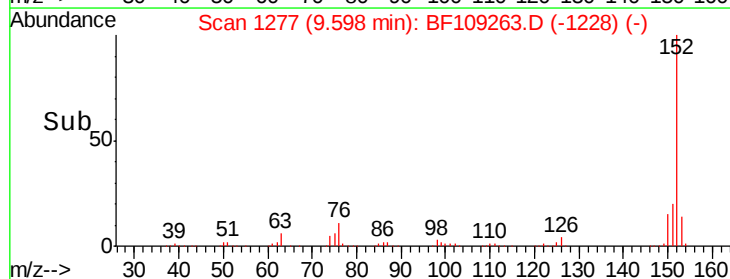
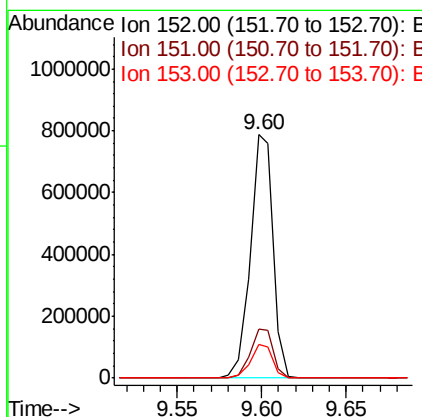
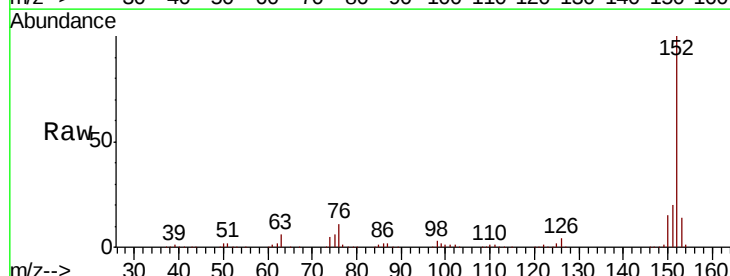
Instrument :
 BNA_F
 ClientSampleId :

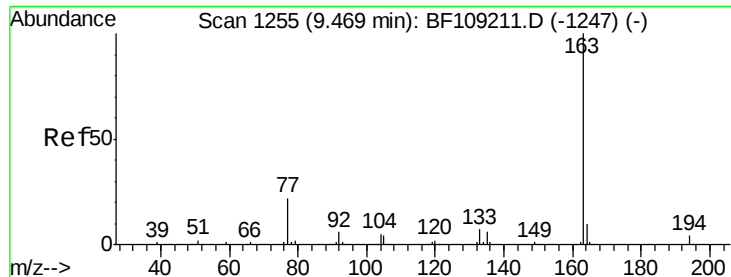
Tot Ion: 65 Resp: 142082
 Ion Ratio Lower Upper
 65 100
 92 68.4 55.8 83.6
 138 103.5 91.2 136.8



#48
 Acenaphthylene
 Concen: 30.127 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion: 152 Resp: 739981
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 13.7 10.7 16.1

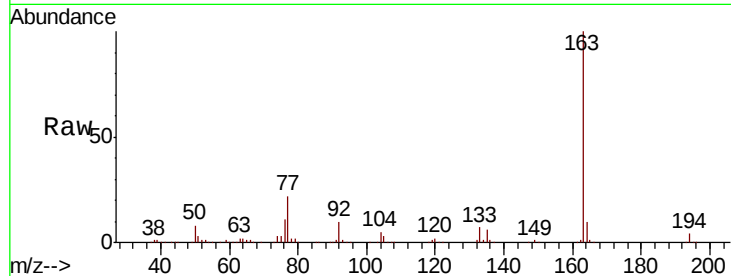




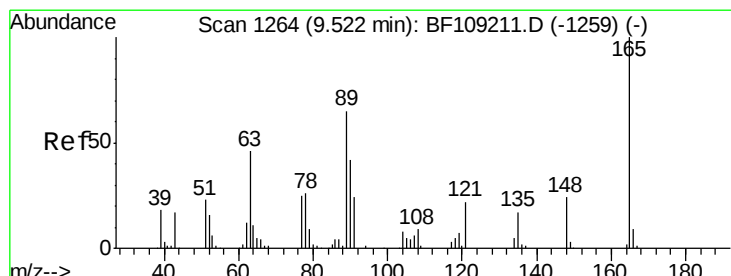
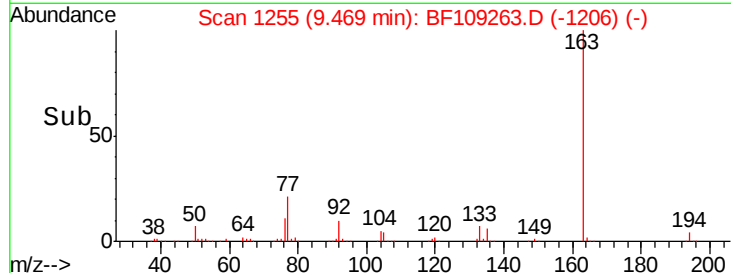
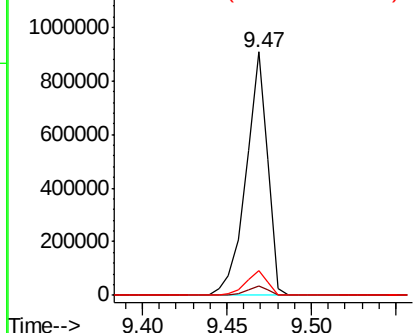
#49
Dimethylphthalate
Concen: 44.552 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.4	8.2	12.2

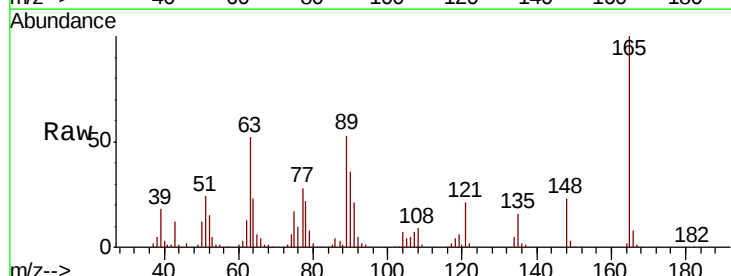


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

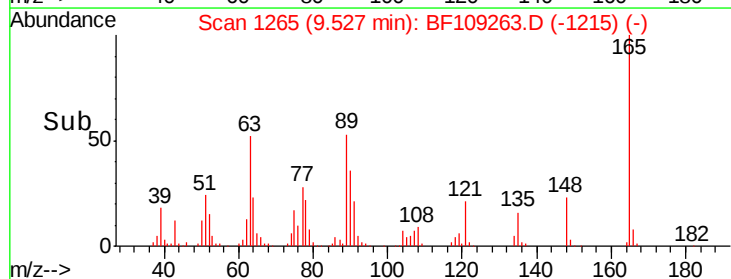
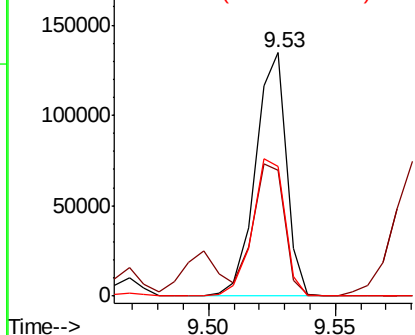


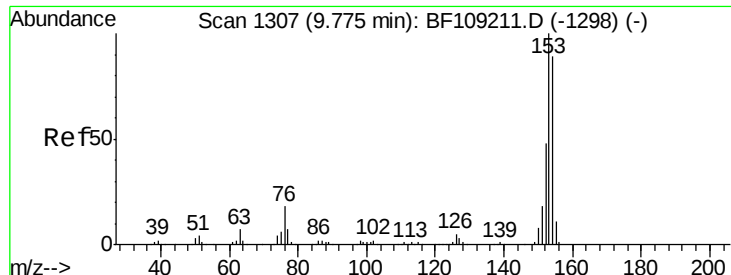
#50
2,6-Dinitrotoluene
Concen: 31.859 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.7	44.7	67.1
89	53.4	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: 29.090 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

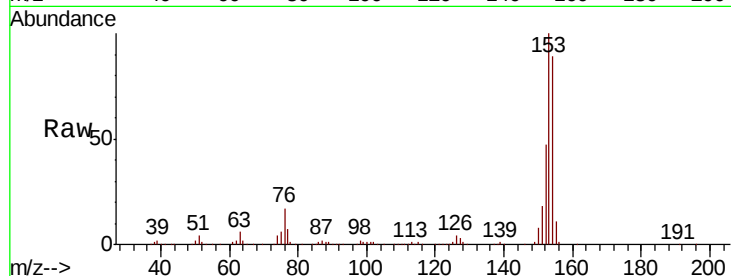
Tot Ion:154 Resp: 431985

Ion Ratio Lower Upper

154 100

153 112.9 91.2 136.8

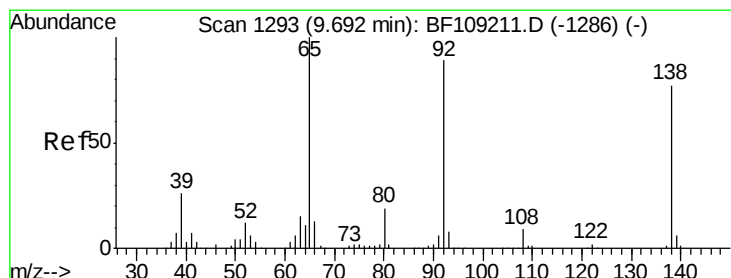
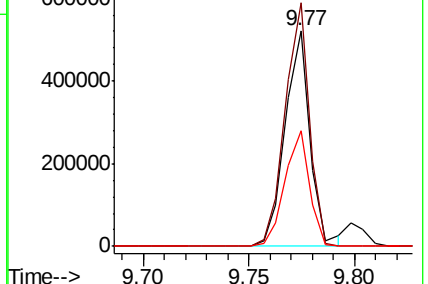
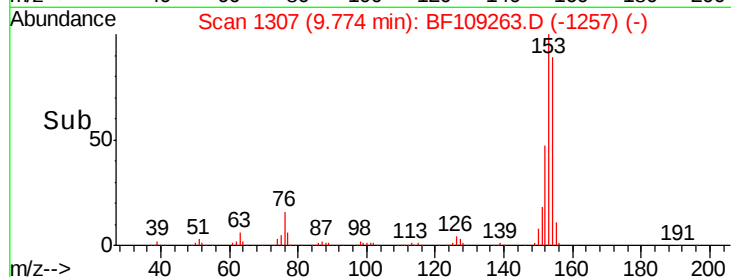
152 53.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.703 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

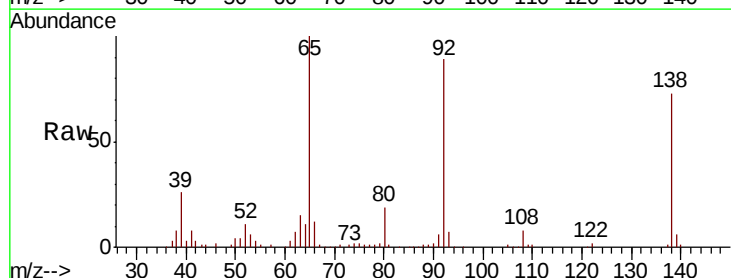
Tgt Ion:138 Resp: 103083

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

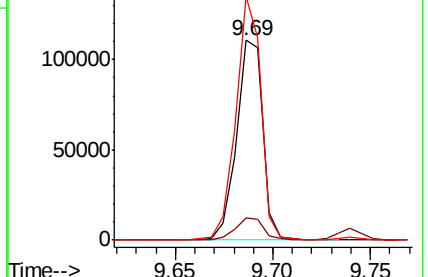
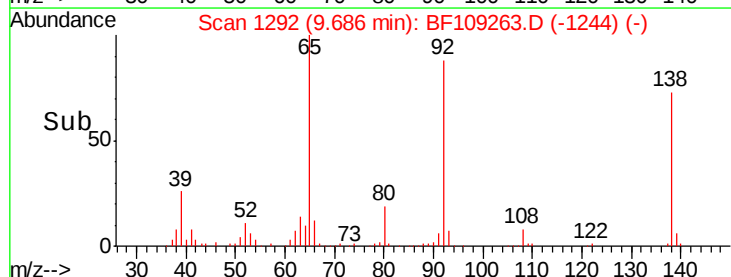
92 121.8 89.4 134.2

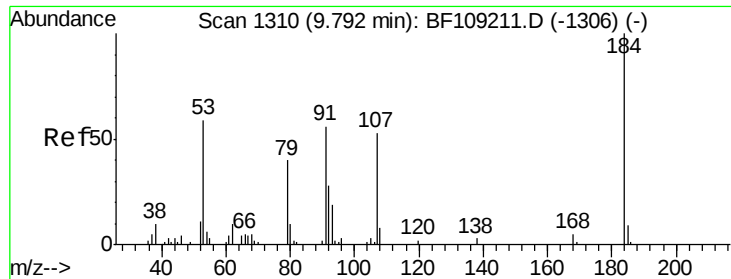


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

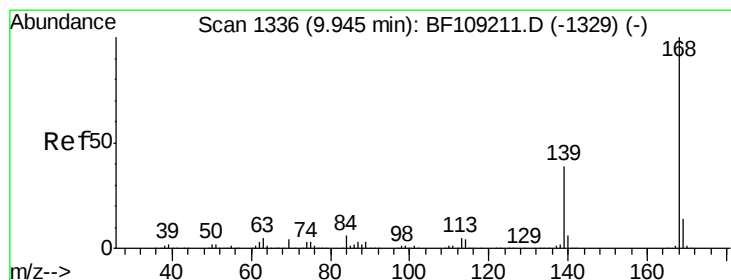
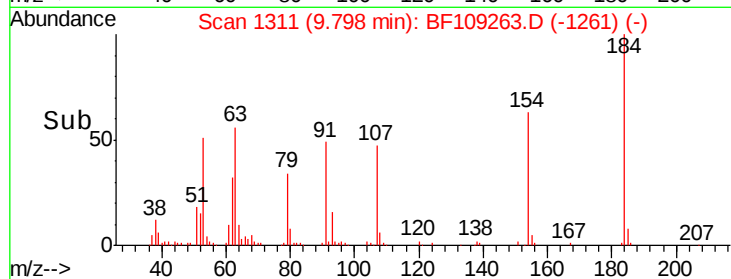
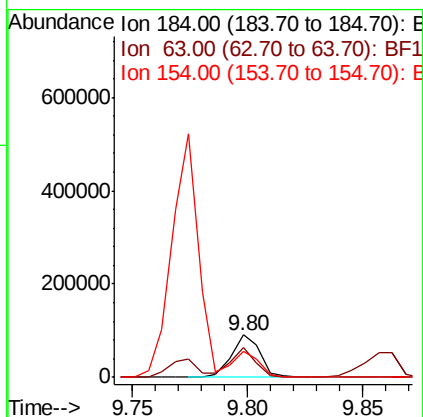
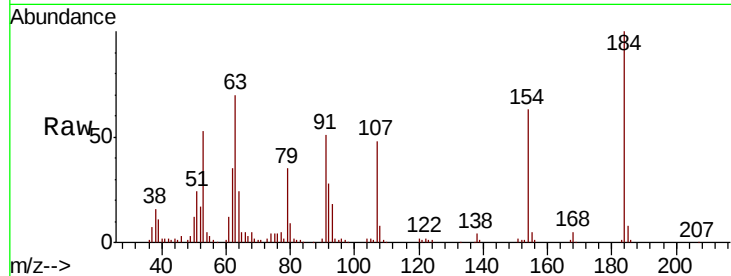




#53
 2,4-Dinitrophenol
 Concen: 63.834 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

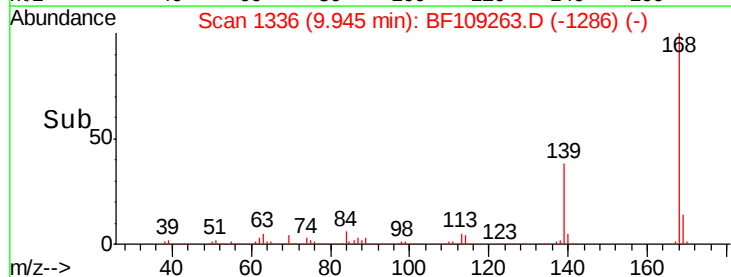
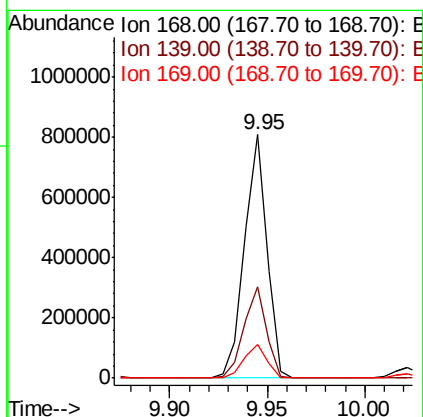
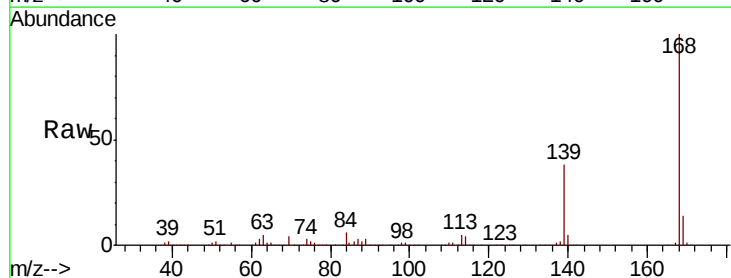
Instrument :
 BNA_F
 ClientSampled :

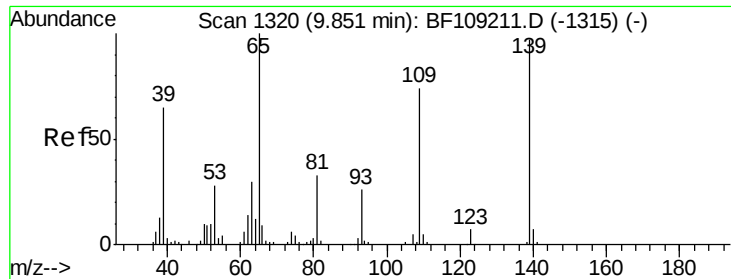
Tot Ion:184 Resp: 79107
 Ion Ratio Lower Upper
 184 100
 63 70.0 54.2 81.2
 154 62.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 29.148 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion:168 Resp: 643720
 Ion Ratio Lower Upper
 168 100
 139 37.8 30.1 45.1
 169 13.9 10.9 16.3

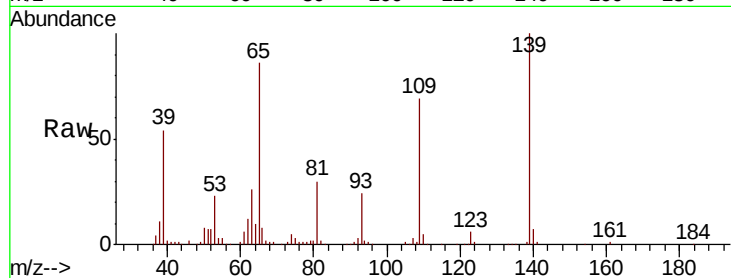




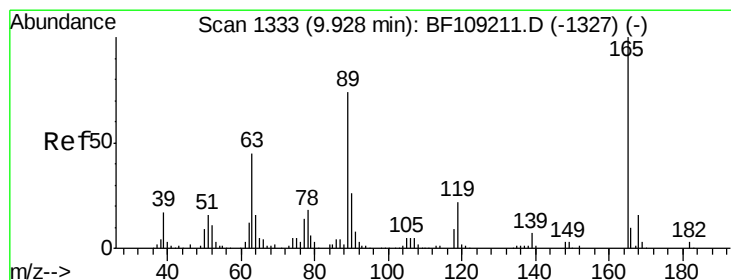
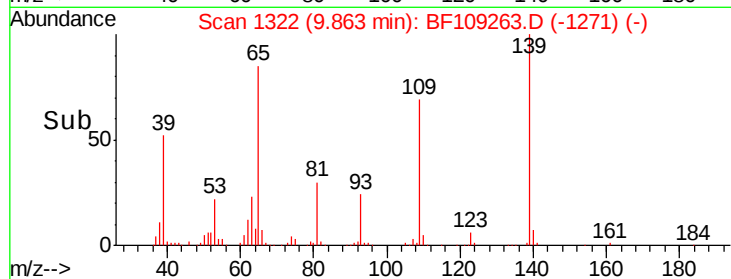
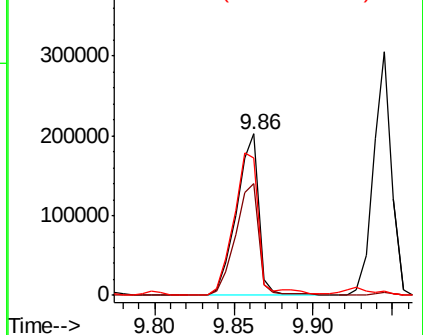
#55
4-Nitrophenol
Concen: 62.585 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 196737
Ion Ratio Lower Upper
139 100
109 69.2 48.4 88.4
65 85.6 72.6 112.6

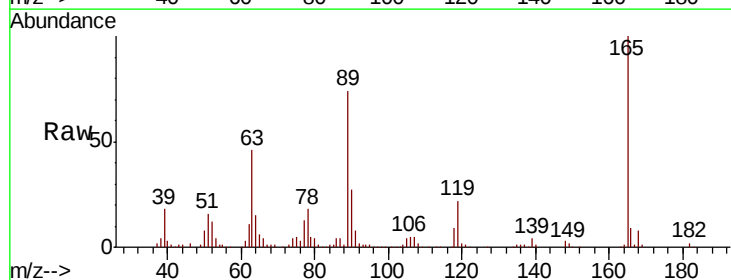


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

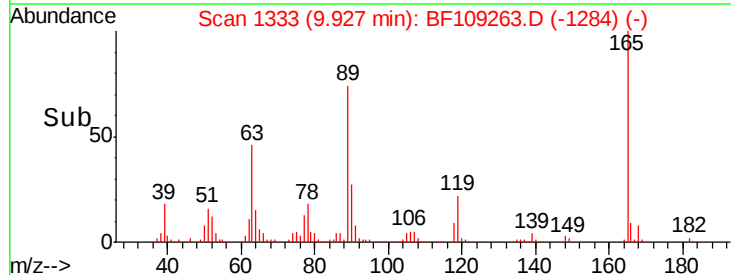
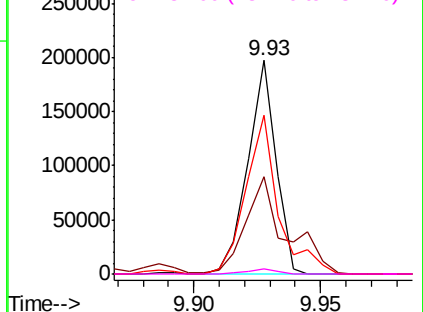


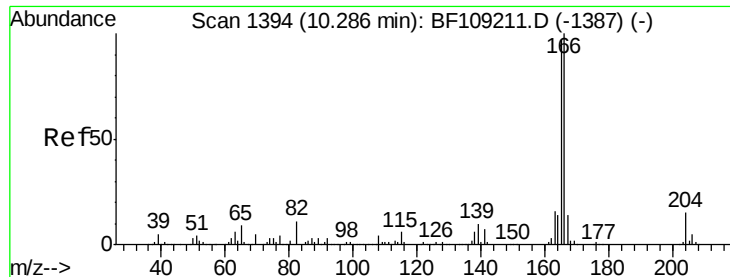
#56
2,4-Dinitrotoluene
Concen: 33.522 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion:165 Resp: 152834
Ion Ratio Lower Upper
165 100
63 45.5 36.4 54.6
89 74.2 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: 30.537 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

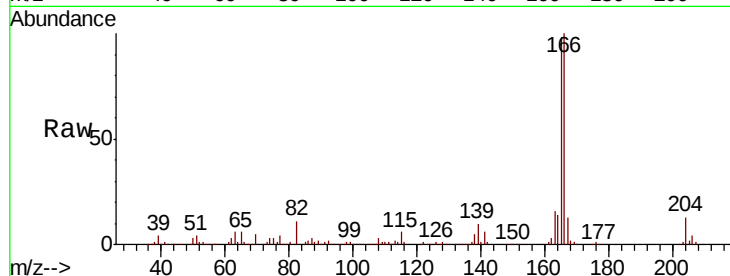
Tot Ion:166 Resp: 481182

Ion Ratio Lower Upper

166 100

165 98.4 79.8 119.8

167 13.3 10.6 16.0

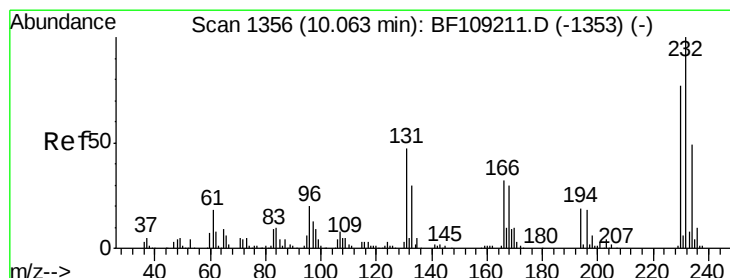
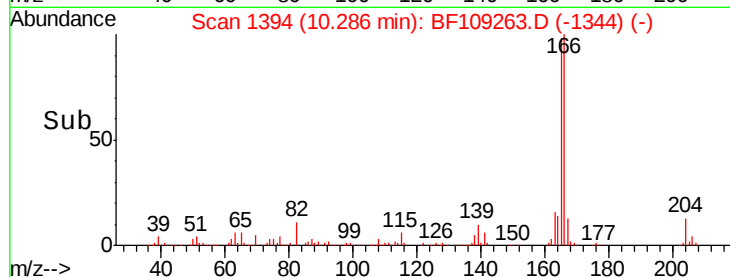
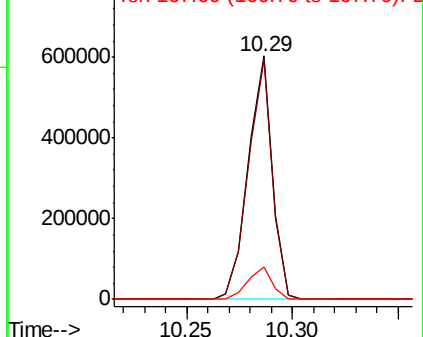


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.909 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Tgt Ion:232 Resp: 140604

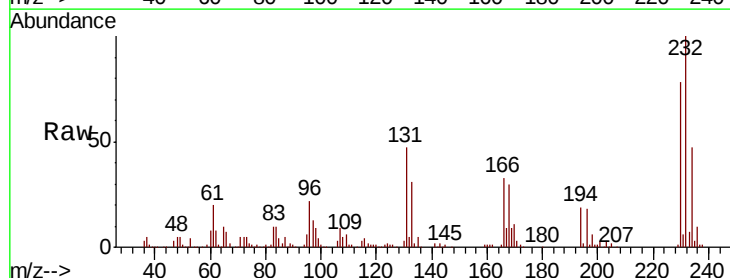
Ion Ratio Lower Upper

232 100

131 45.8 43.8 65.8

130 2.2 2.1 3.1

166 30.8 27.8 41.6



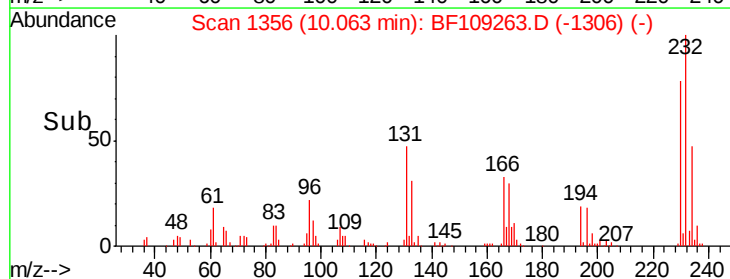
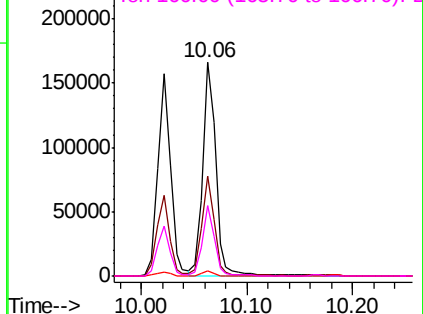
Abundance

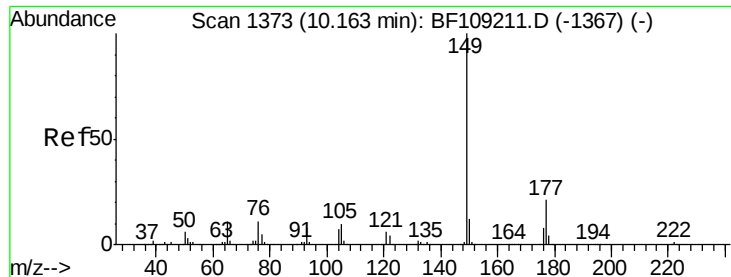
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

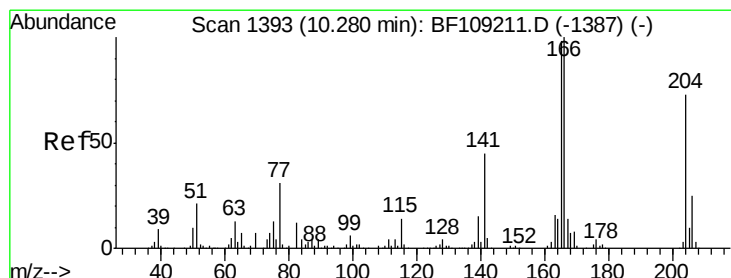
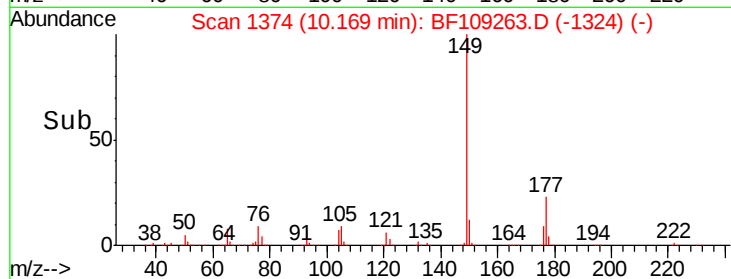
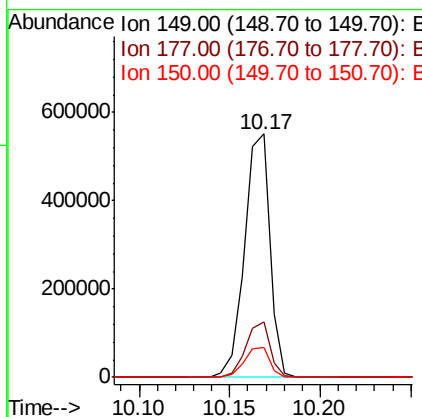
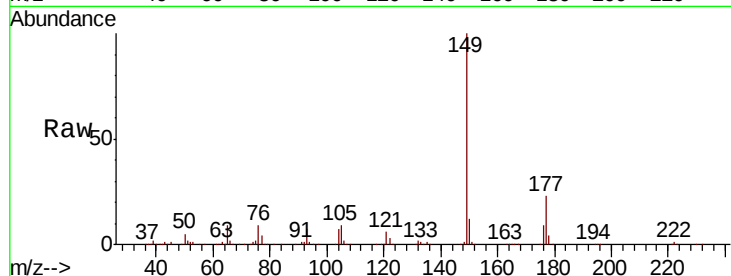




#59
Diethylphthalate
Concen: 29.112 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

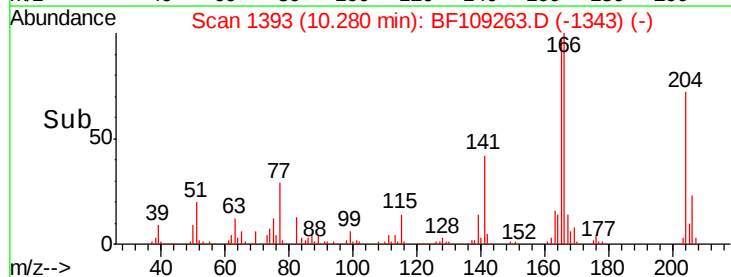
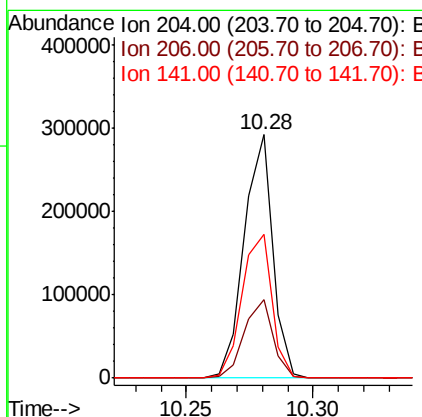
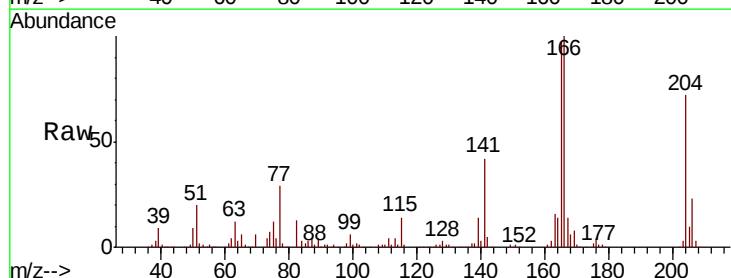
Instrument :
BNA_F
ClientSampleId :

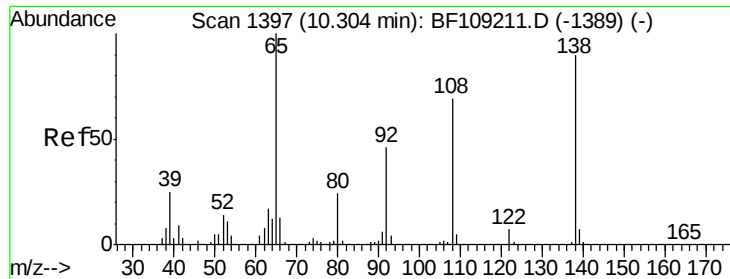
Tot Ion:149 Resp: 536361
Ion Ratio Lower Upper
149 100
177 22.7 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 27.841 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion:204 Resp: 229136
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 58.9 54.6 81.8





#61

4-Nitroaniline

Concen: 31.270 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.02 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

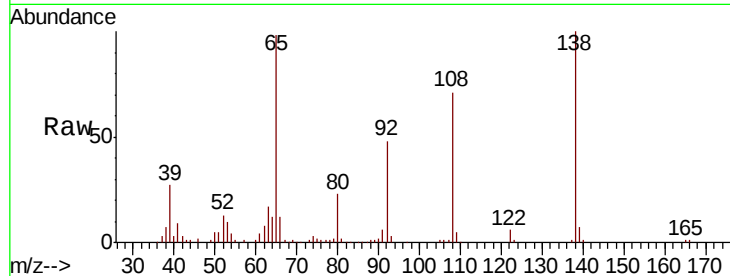
Tot Ion:138 Resp: 127255

Ion Ratio Lower Upper

138 100

92 47.5 30.2 70.2

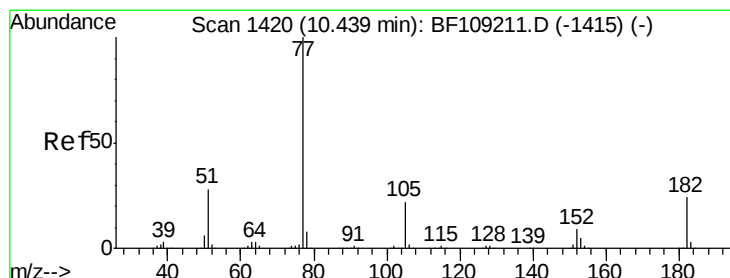
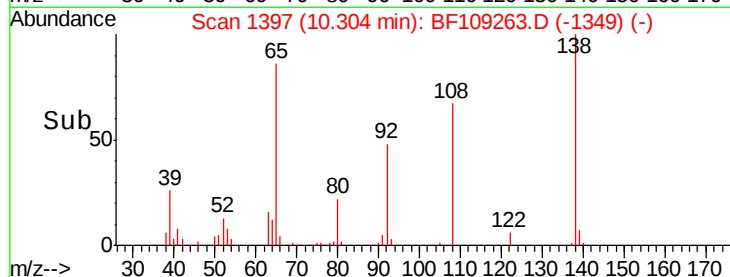
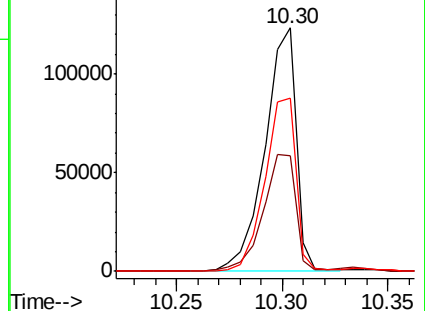
108 71.4 52.5 92.5



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: 27.973 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Tgt Ion: 77 Resp: 535451

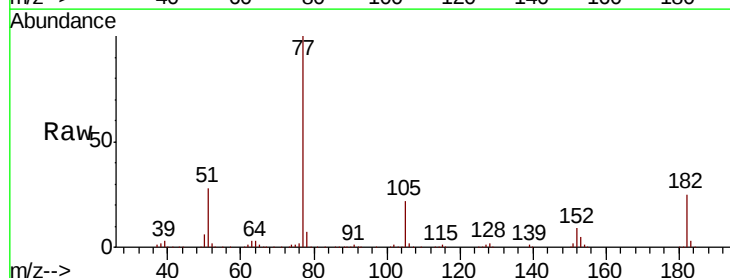
Ion Ratio Lower Upper

77 100

182 25.2 1.7 41.7

105 22.0 3.0 43.0

51 28.1 9.9 49.9

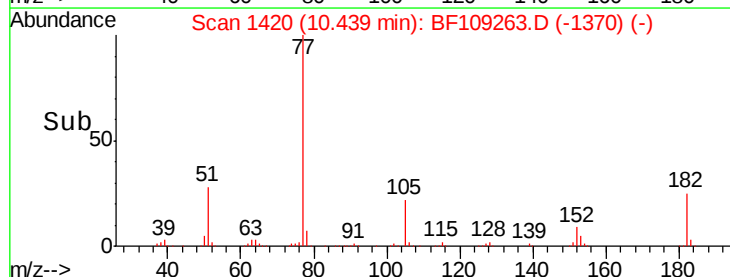
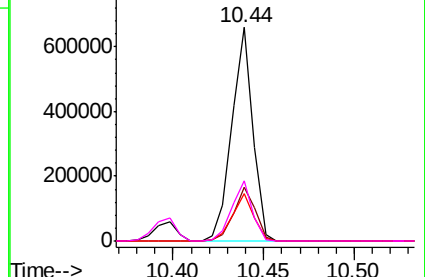


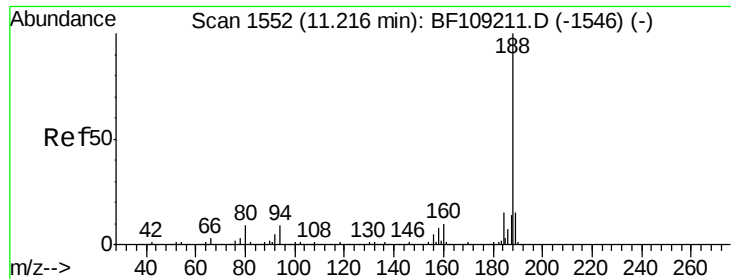
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

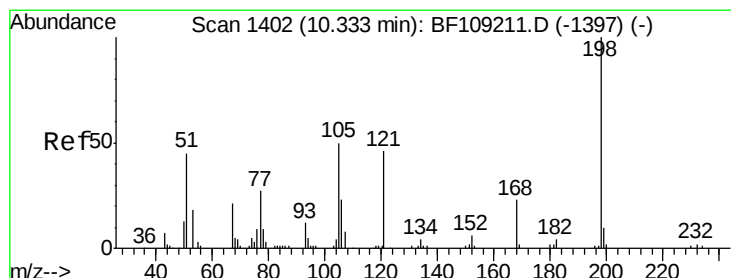
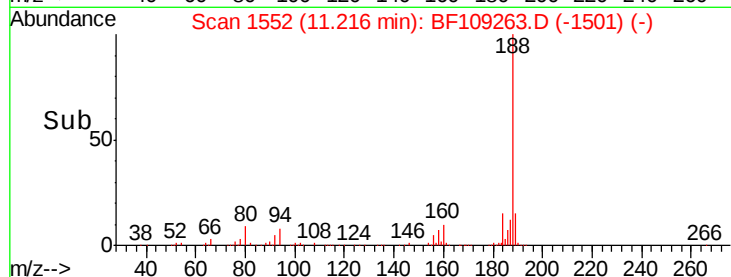
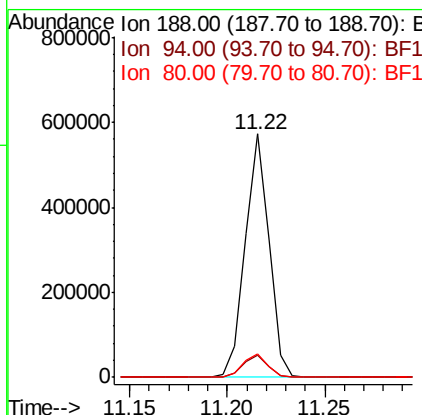
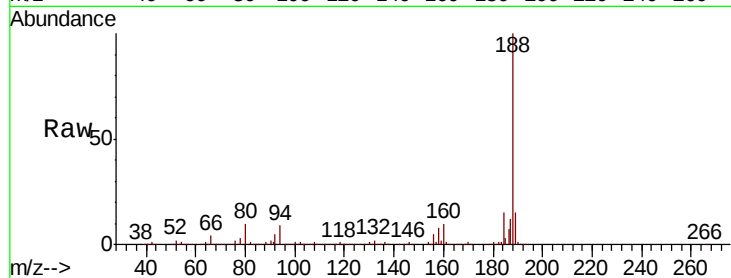




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

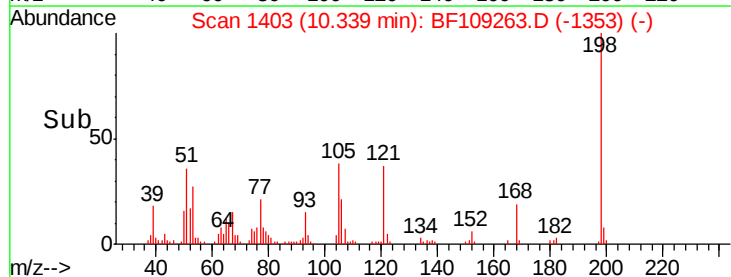
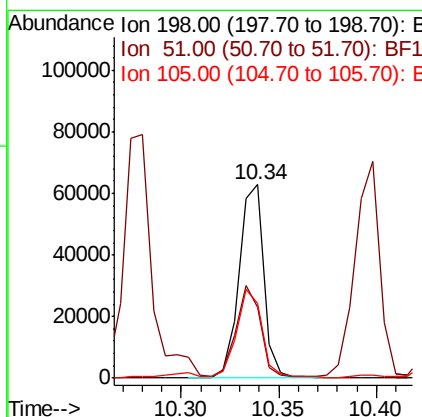
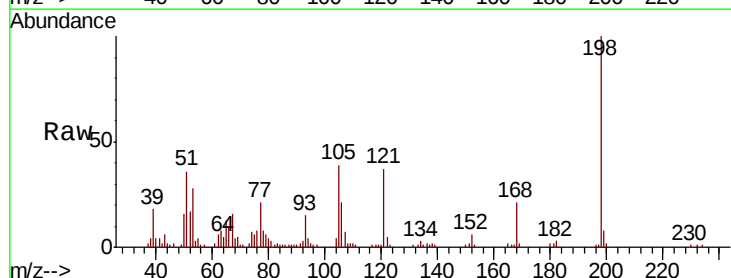
Instrument :
BNA_F
ClientSampleId :

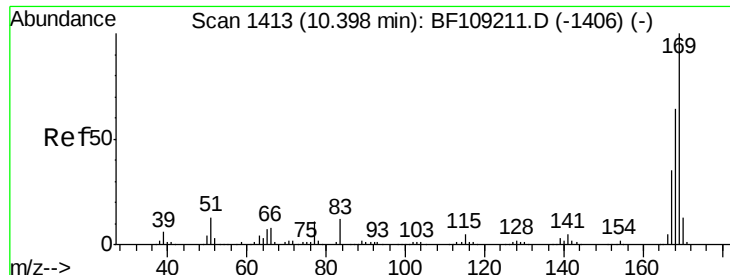
Tot Ion:188 Resp: 485245
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 31.106 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion:198 Resp: 55256
Ion Ratio Lower Upper
198 100
51 36.4 37.7 77.7#
105 38.8 36.3 76.3

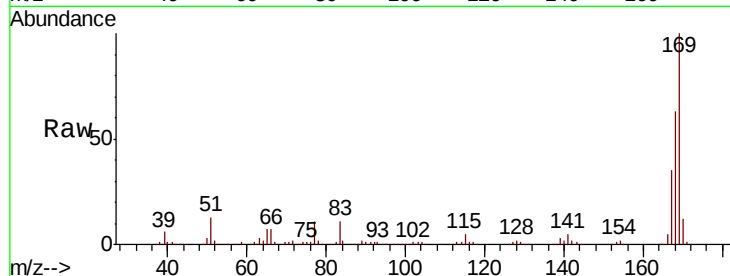




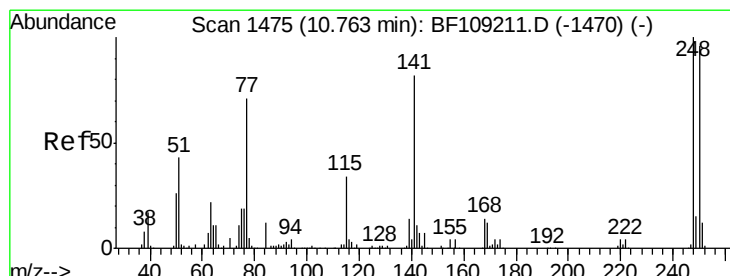
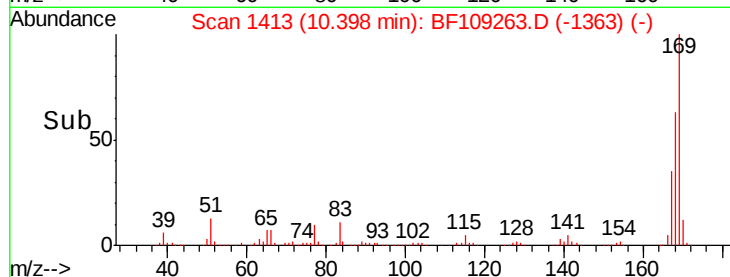
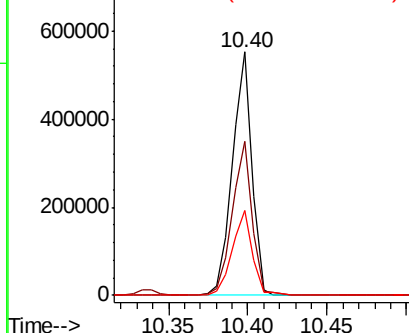
#65
 n-Nitrosodiphenylamine
 Concen: 29.496 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 472881
 Ion Ratio Lower Upper
 169 100
 168 63.5 54.4 81.6
 167 35.0 29.8 44.6

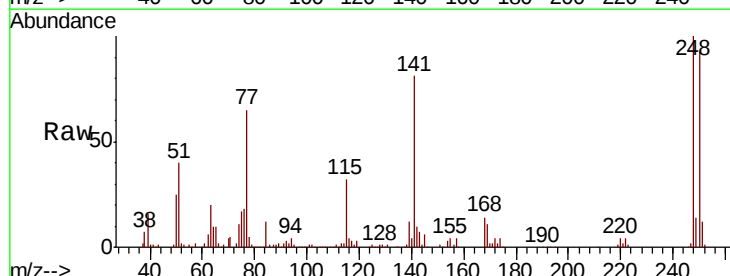


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

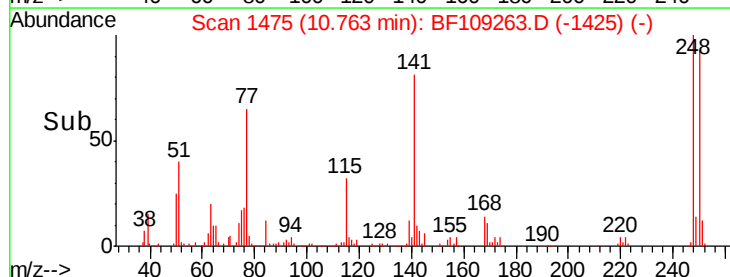
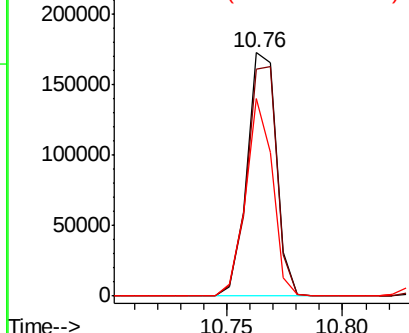


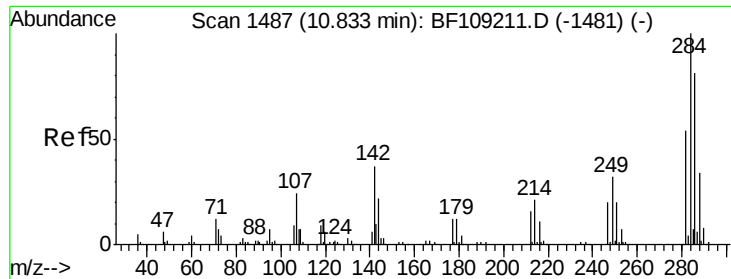
#66
 4-Bromophenyl-phenylether
 Concen: 28.624 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion:248 Resp: 154240
 Ion Ratio Lower Upper
 248 100
 250 93.4 76.9 115.3
 141 81.1 74.4 111.6



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

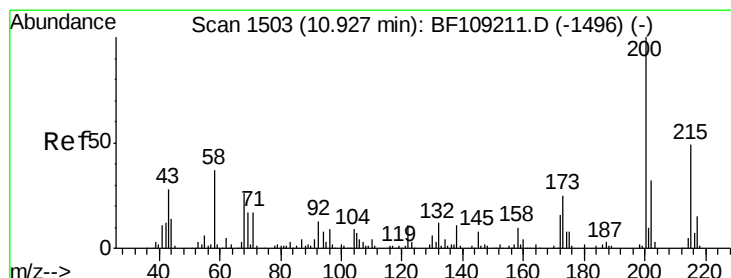
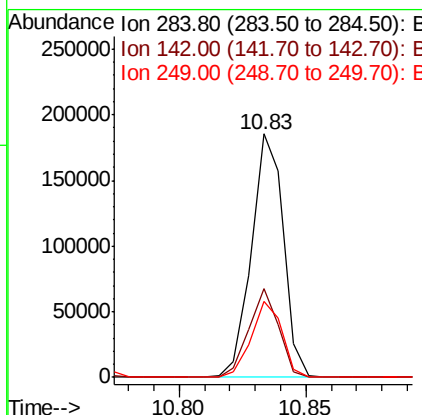
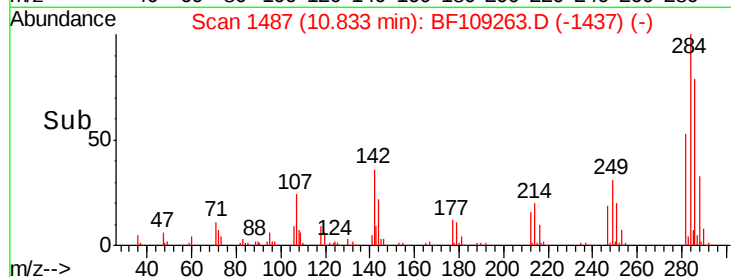
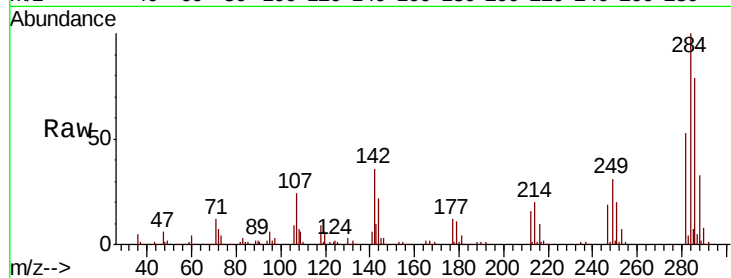




#67
Hexachlorobenzene
Concen: 28.368 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

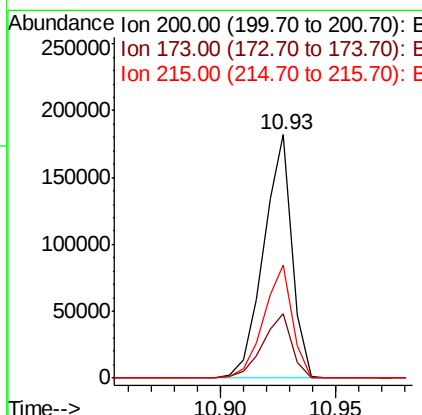
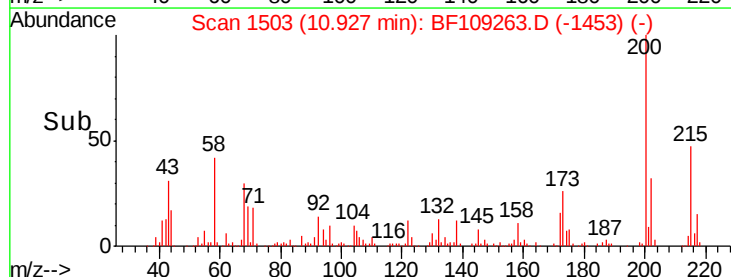
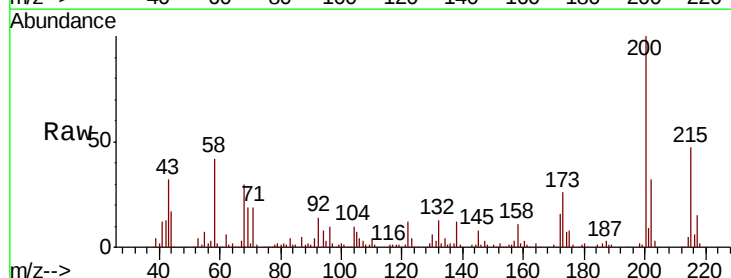
Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 162348
Ion Ratio Lower Upper
284 100
142 36.3 34.6 52.0
249 31.4 24.8 37.2



#68
Atrazine
Concen: 31.474 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion:200 Resp: 155188
Ion Ratio Lower Upper
200 100
173 26.3 8.6 48.6
215 46.6 25.1 65.1

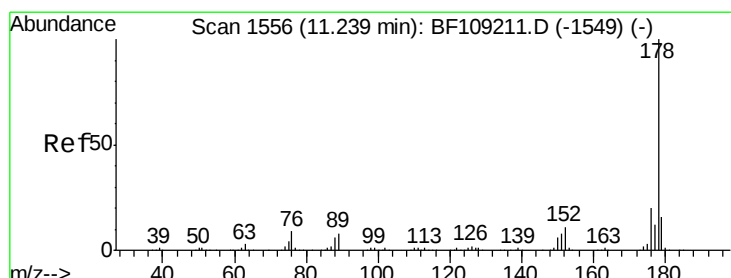
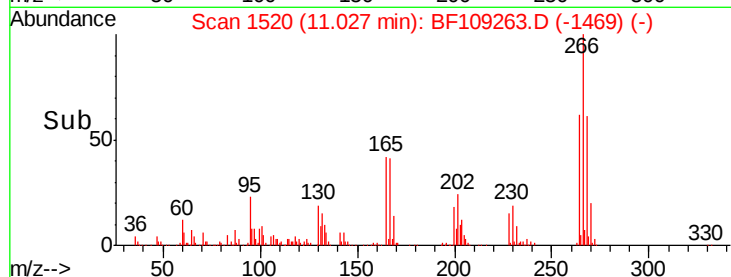
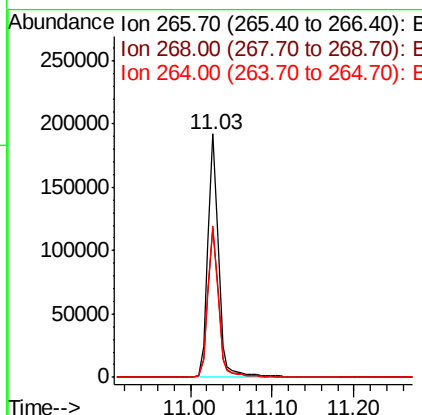
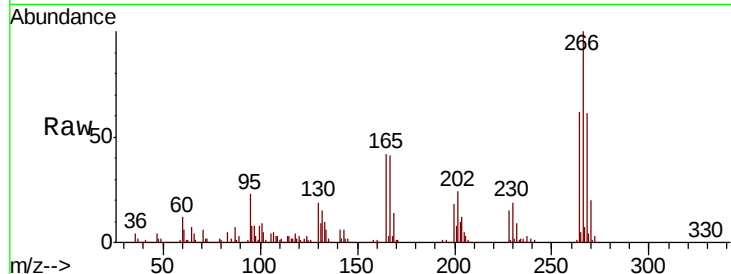




#69
 Pentachlorophenol
 Concen: 51.478 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

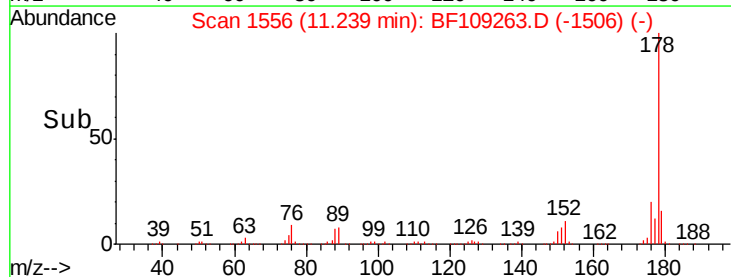
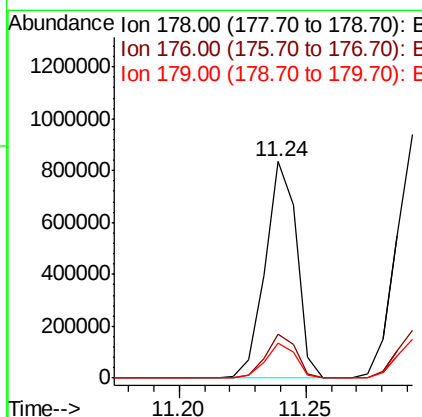
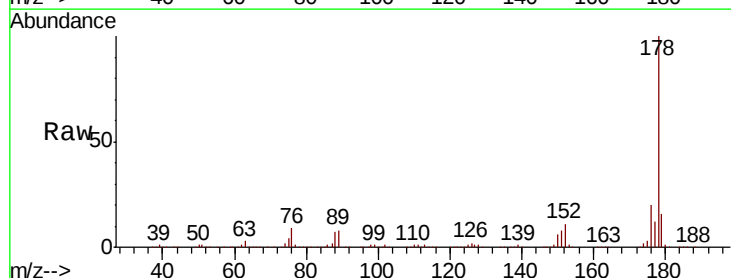
Instrument :
 BNA_F
 ClientSampleId :

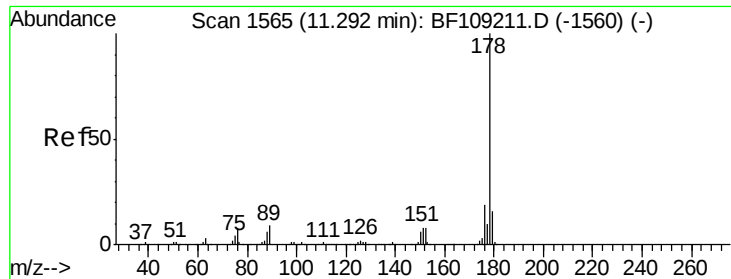
Tot Ion:266 Resp: 176323
 Ion Ratio Lower Upper
 266 100
 268 61.0 51.1 76.7
 264 62.4 49.5 74.3



#70
 Phenanthrene
 Concen: 30.058 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion:178 Resp: 728249
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 16.2 13.0 19.6

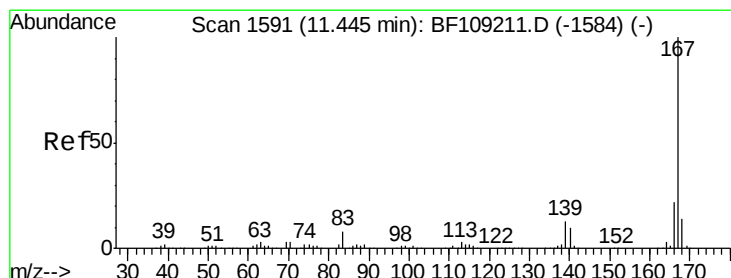
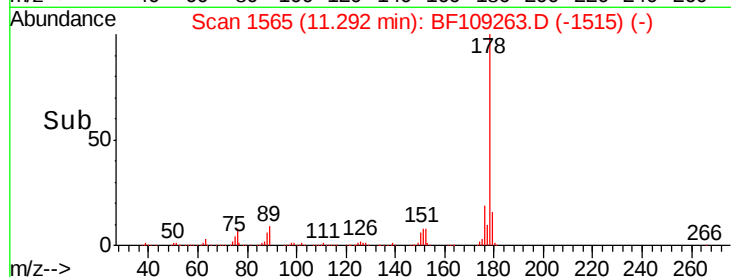
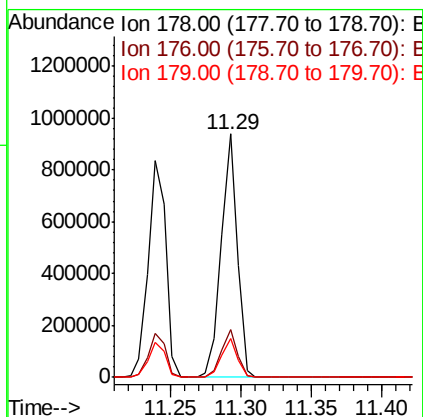
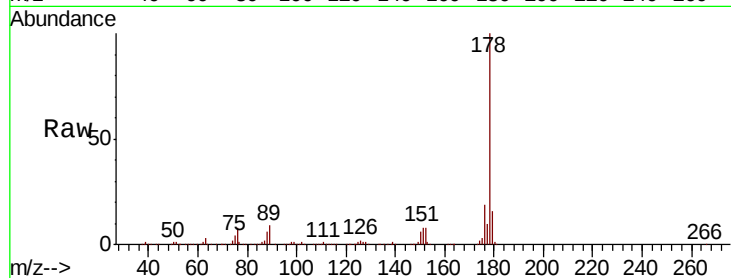




#71
 Anthracene
 Concen: 30.493 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

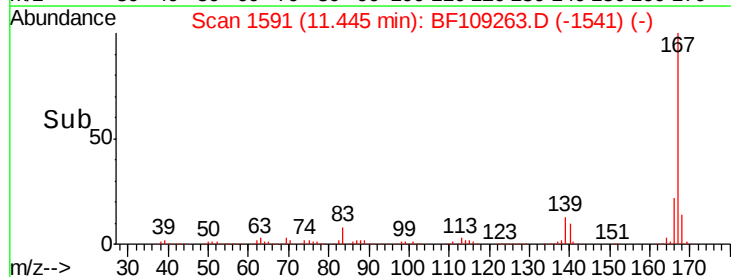
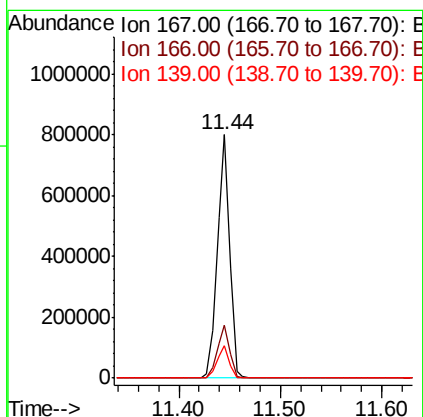
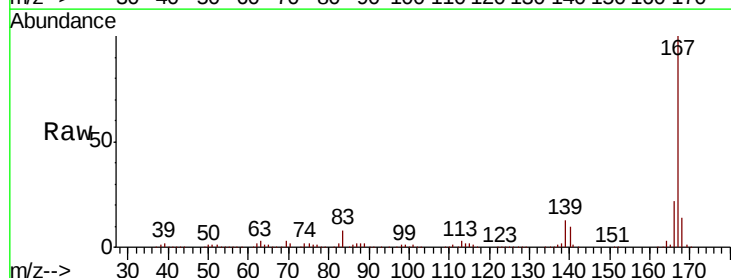
Instrument :
 BNA_F
 ClientSampleId :

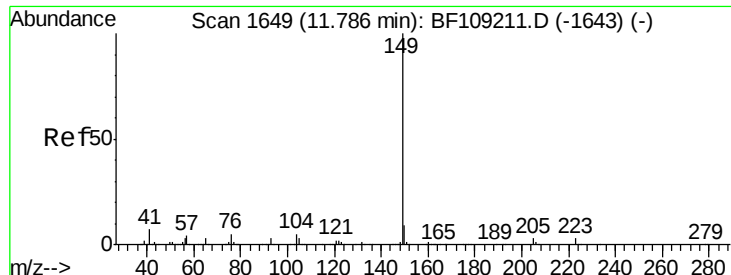
Tot Ion:178 Resp: 749324
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 27.465 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion:167 Resp: 671515
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 29.598 ng

RT: 11.79 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

ClientSampled :

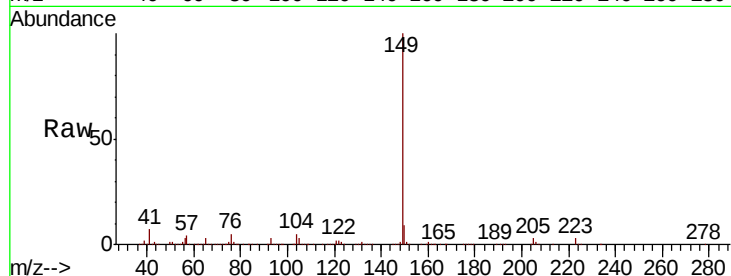
Tot Ion:149 Resp: 833092

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

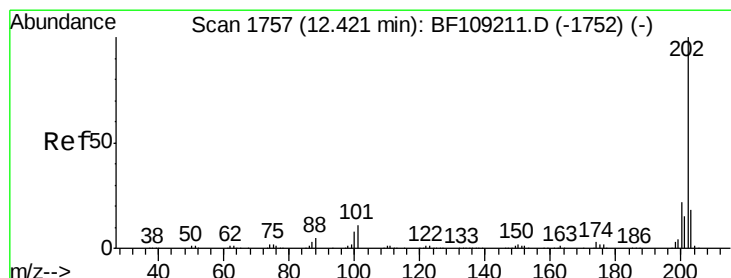
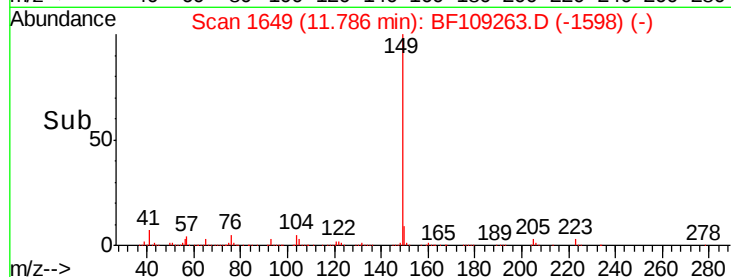
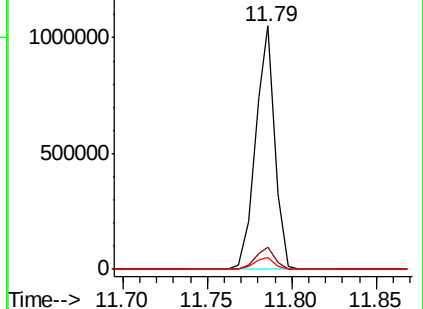
104 4.7 3.8 5.8



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: 28.059 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

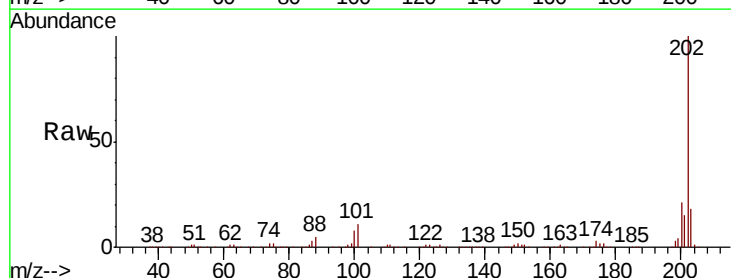
Tgt Ion:202 Resp: 726511

Ion Ratio Lower Upper

202 100

101 11.1 0.0 34.1

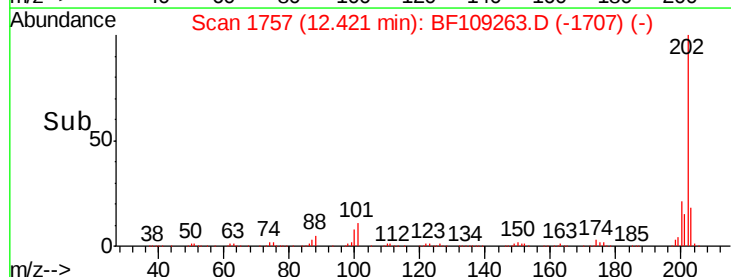
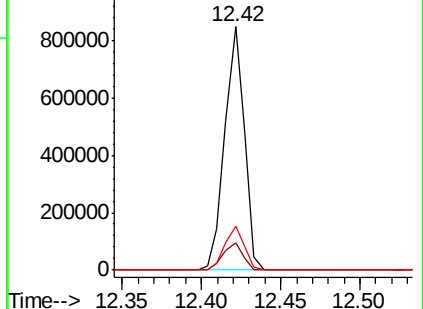
203 17.8 0.0 38.1

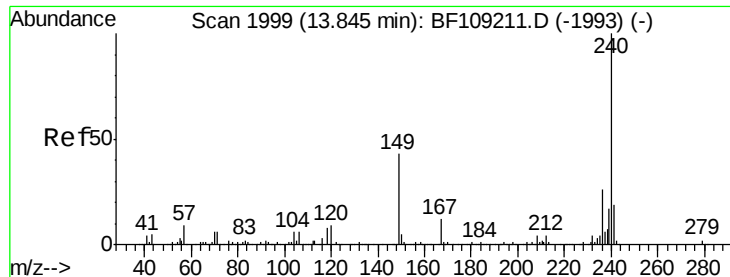


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

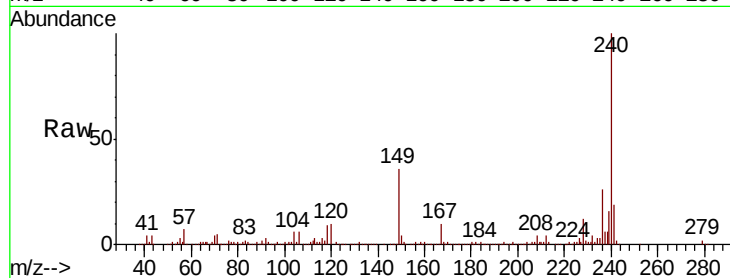
Tot Ion:240 Resp: 294481

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

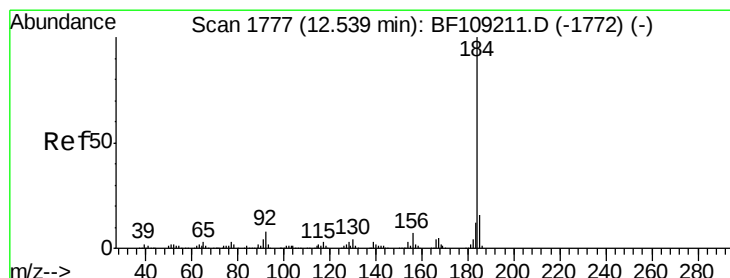
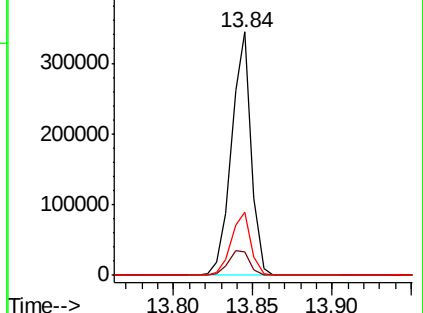
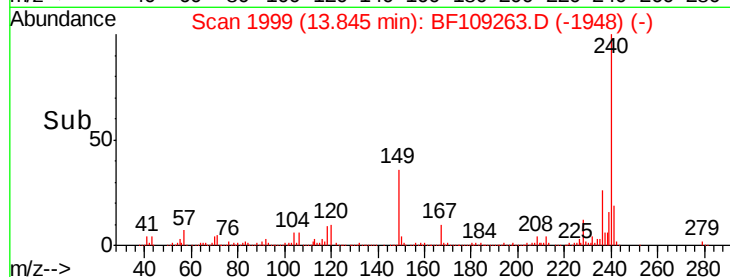
236 25.8 20.7 31.1



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: 32.363 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

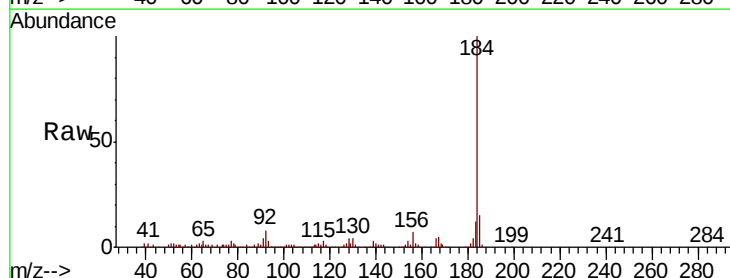
Tgt Ion:184 Resp: 343613

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

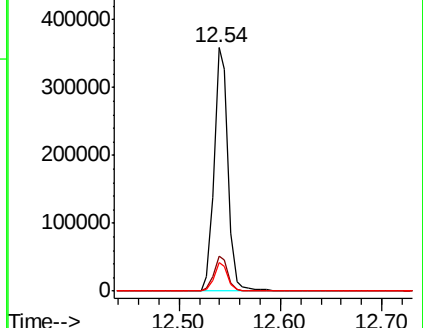
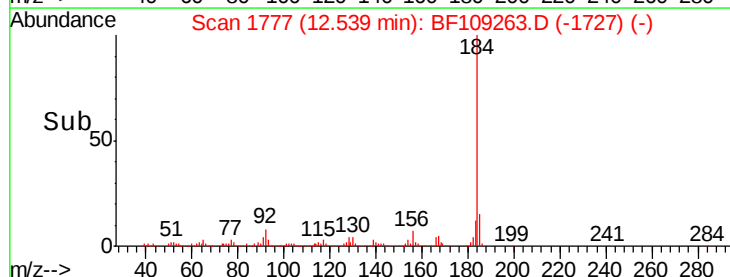
183 11.9 9.3 13.9

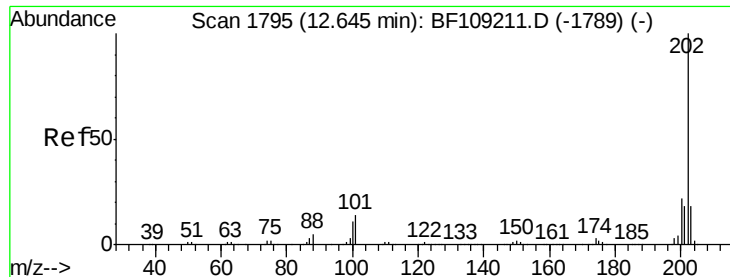


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

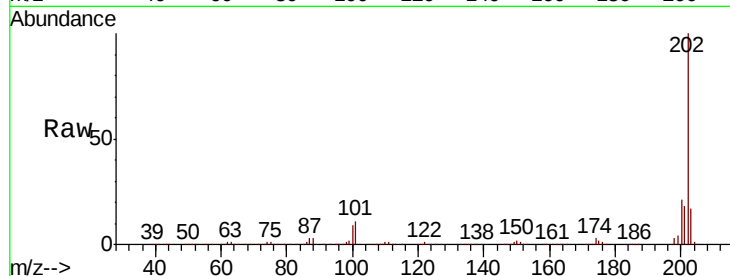




#77
Pvrene
Concen: 33.296 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.3	14.3	21.5

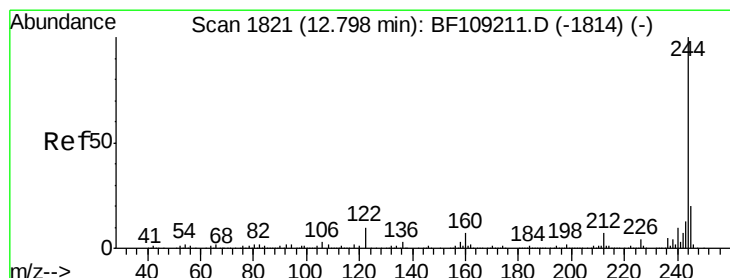
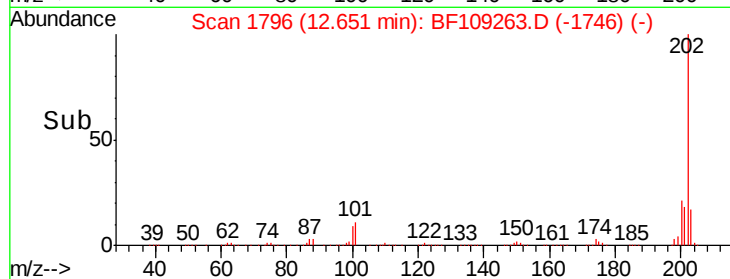
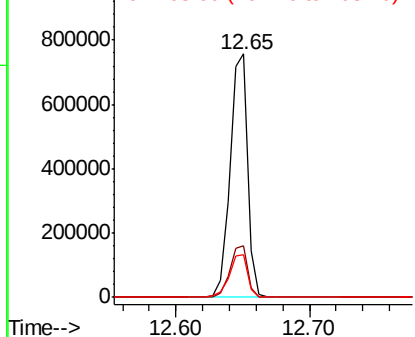


Abundance

Ion 202.00 (201.70 to 202.70): E

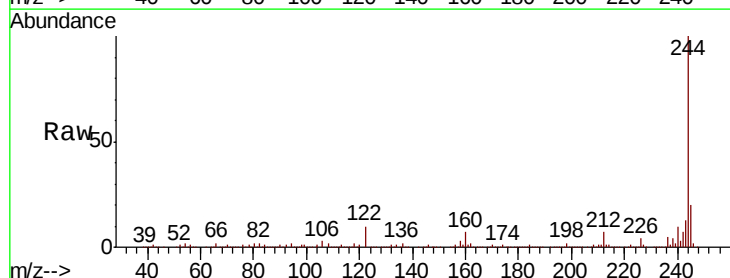
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 73.098 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.2	11.0	16.4

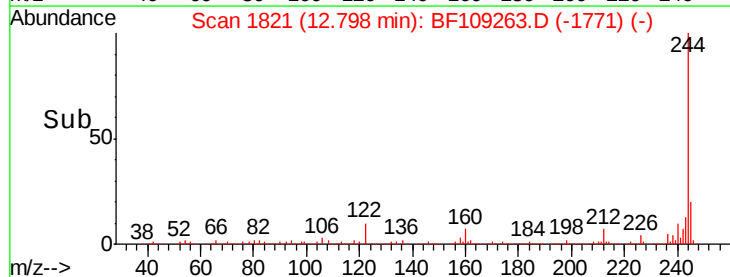
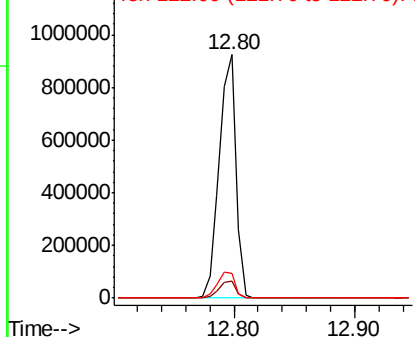


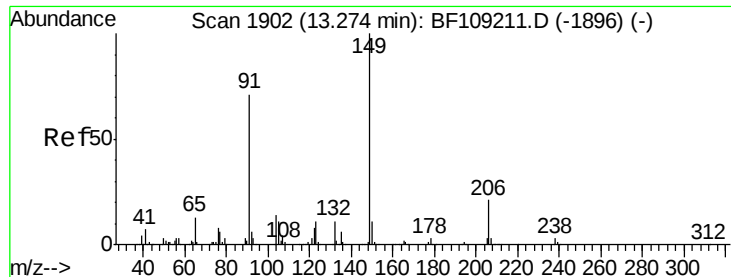
Abundance

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

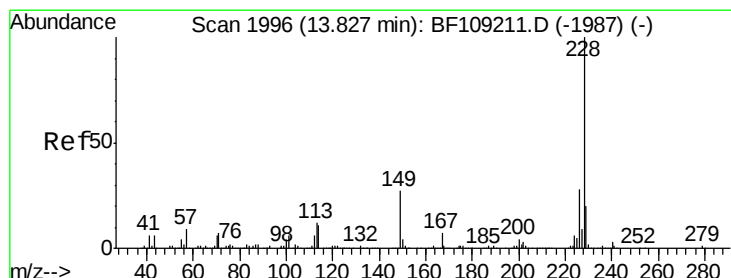
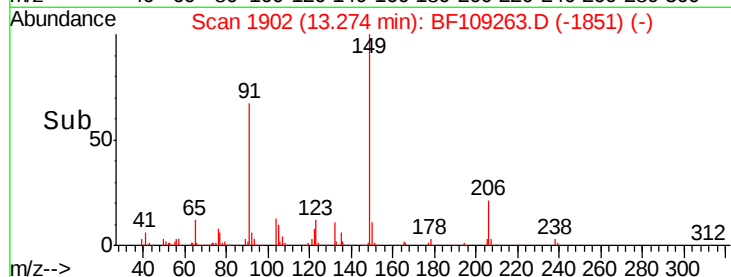
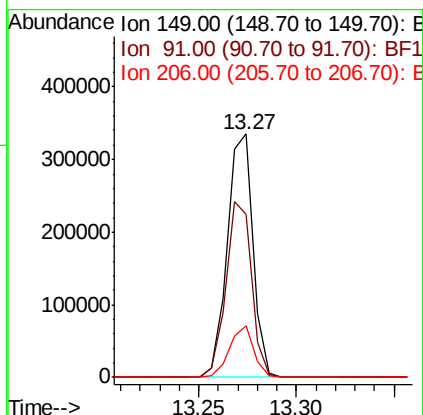
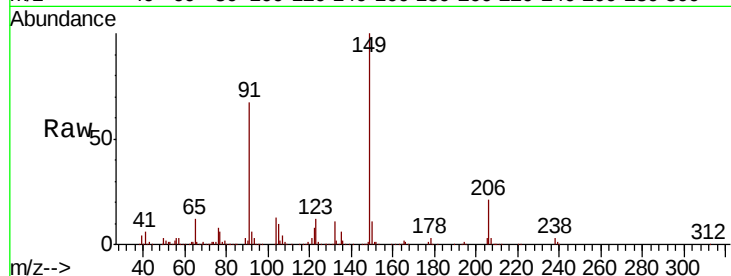




#79
Butylbenzylphthalate
Concen: 33.891 ng
RT: 13.27 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

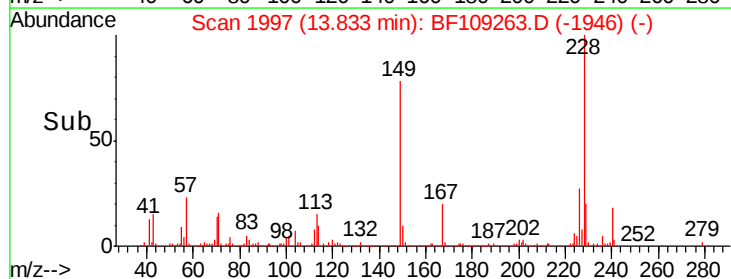
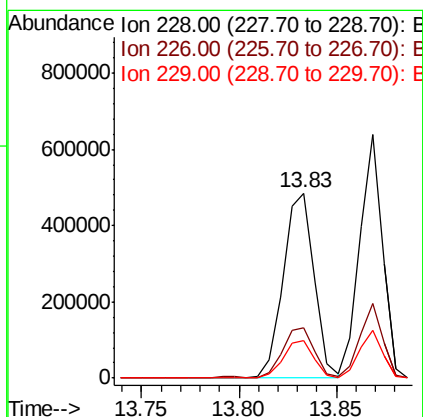
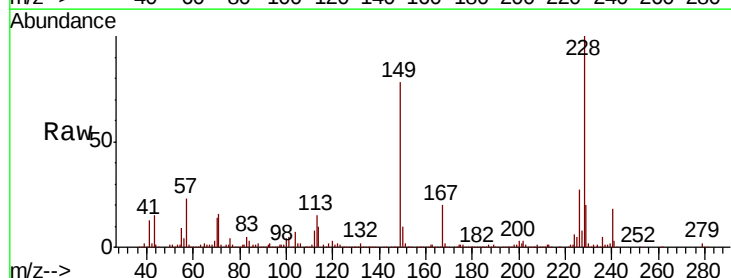
Instrument :
BNA_F
ClientSampleId :

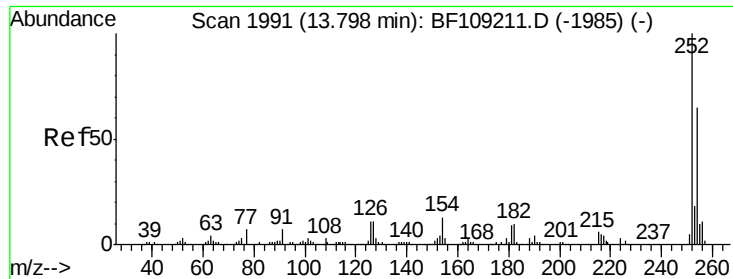
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.0	56.8	85.2
206	21.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 29.941 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	20.2	15.8	23.6

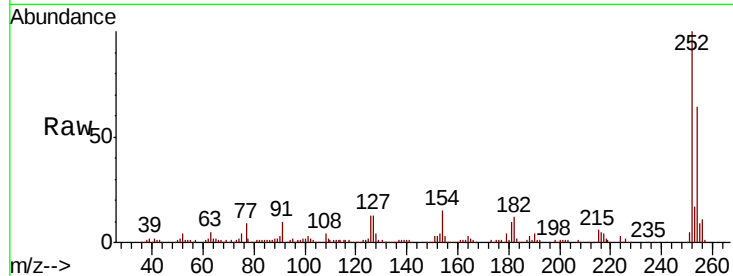




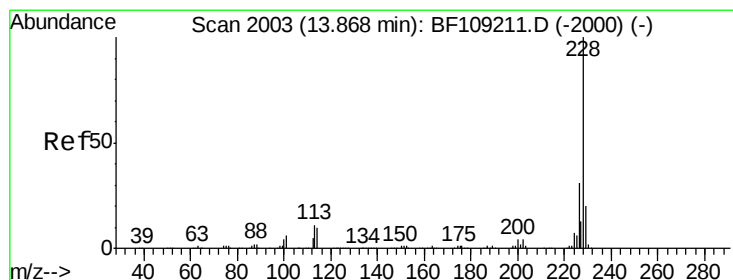
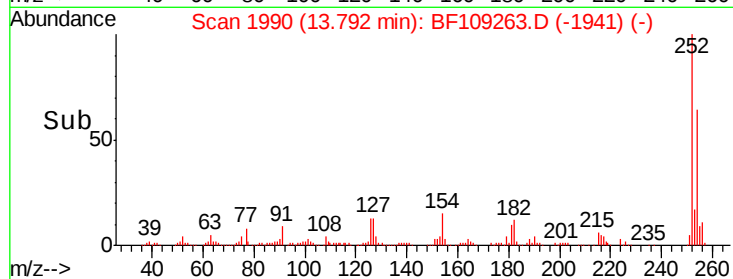
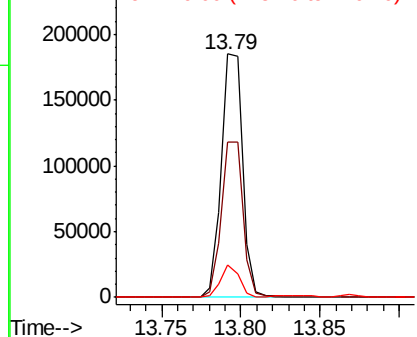
#81
 3,3'-Dichlorobenzidine
 Concen: 25.610 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 172634
 Ion Ratio Lower Upper
 252 100
 254 63.6 50.4 75.6
 126 13.5 11.3 16.9

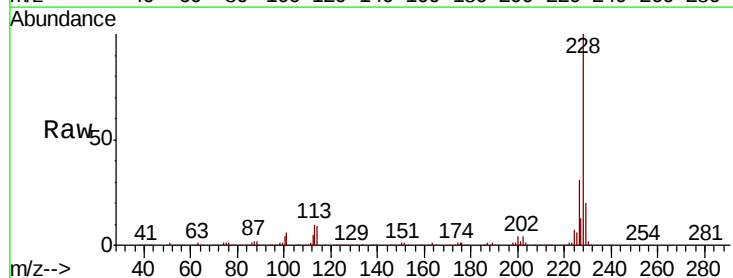


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

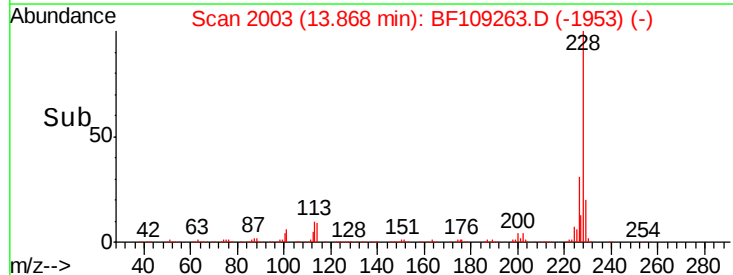
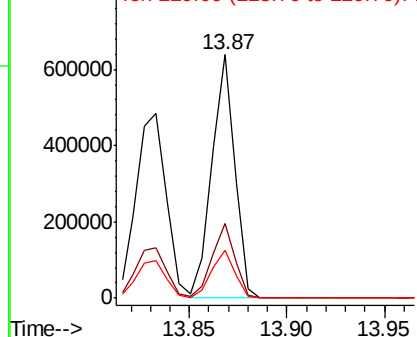


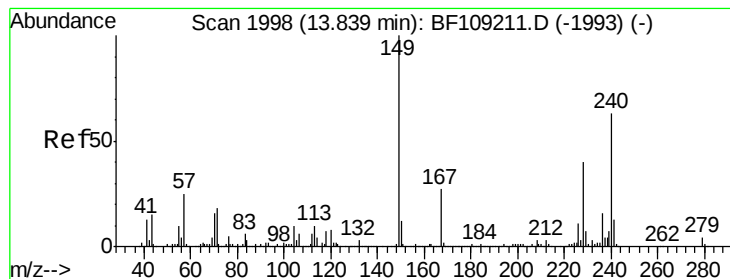
#82
 Chrysene
 Concen: 29.511 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion:228 Resp: 518818
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 19.9 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: 32.723 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

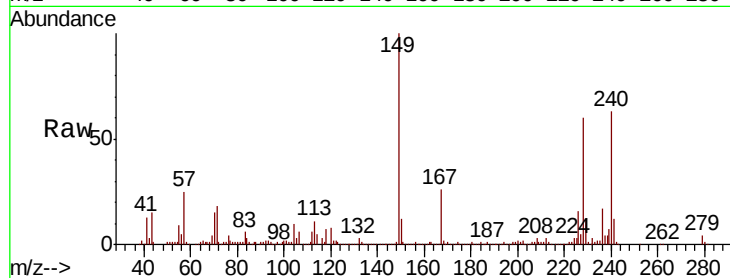
Tot Ion:149 Resp: 370553

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

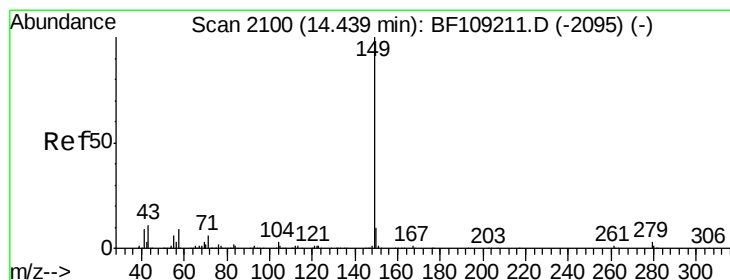
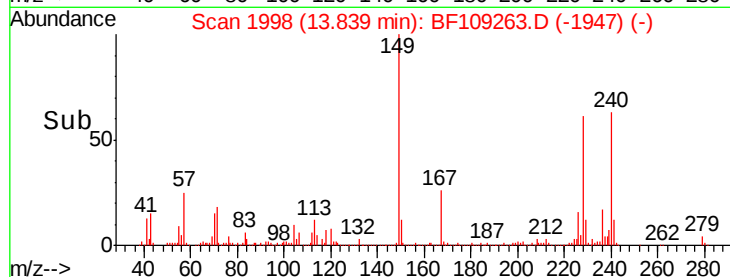
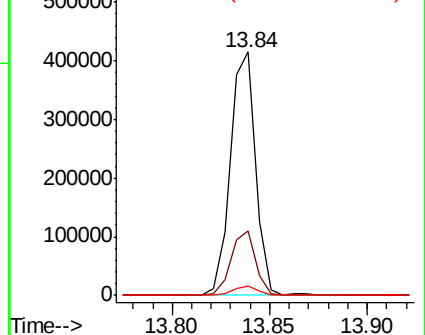
279 4.1 3.0 4.4



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: 32.048 ng

RT: 14.44 min Scan# 2101

Delta R.T. -0.00 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

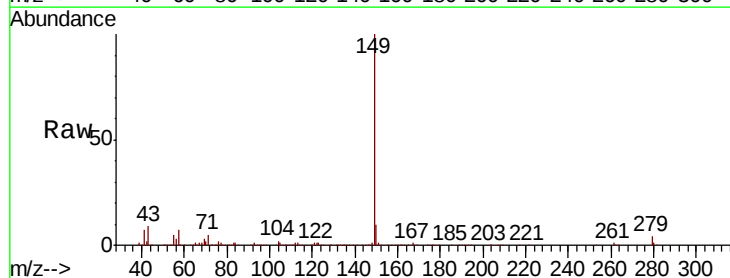
Tgt Ion:149 Resp: 620507

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

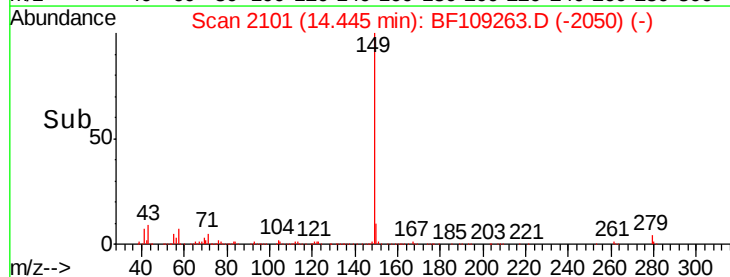
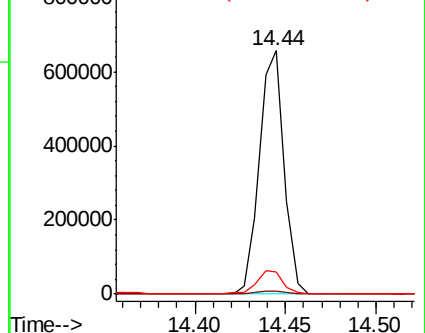
43 9.6 8.4 12.6

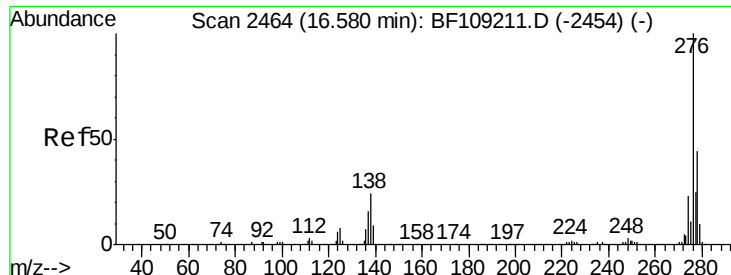


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

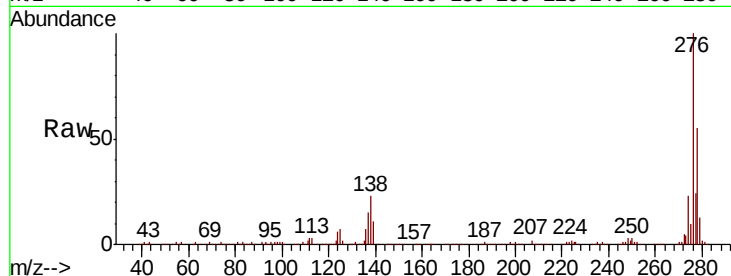




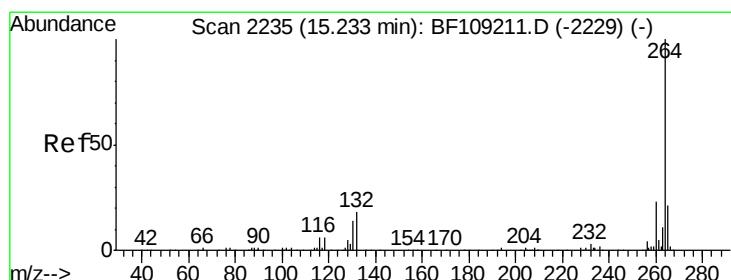
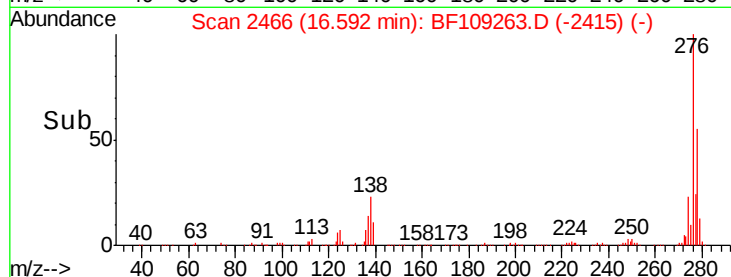
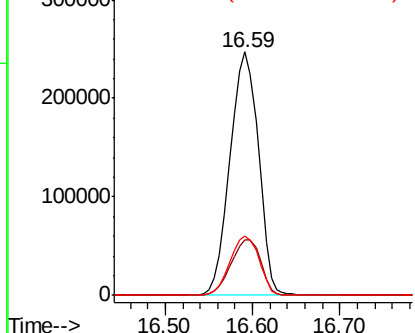
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.375 ng
 RT: 16.59 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	25.0	37.6#
277	24.8	20.1	30.1

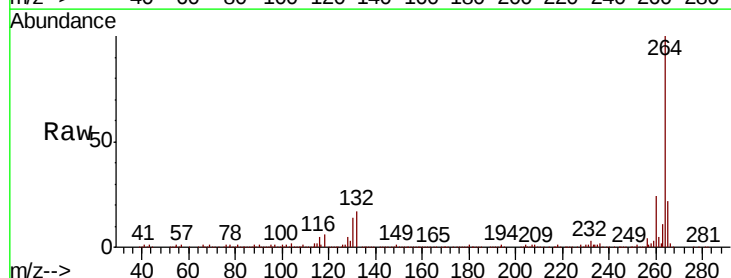


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

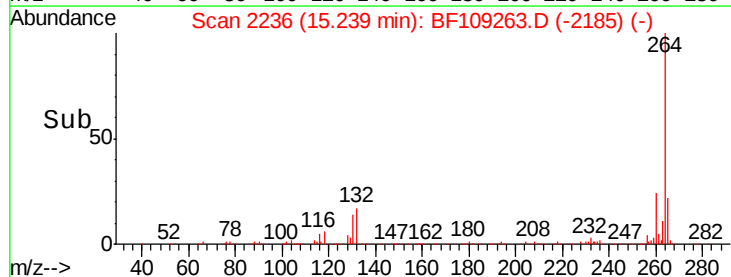
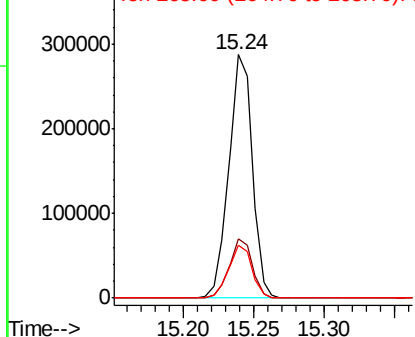


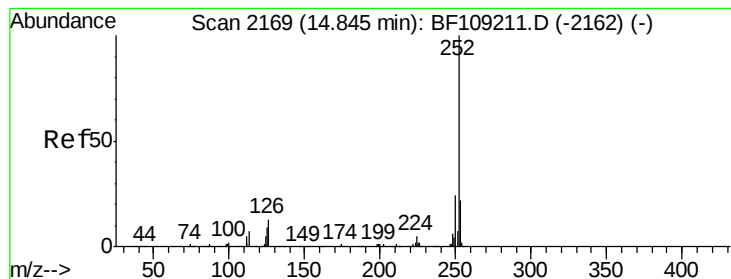
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	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: 28.345 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

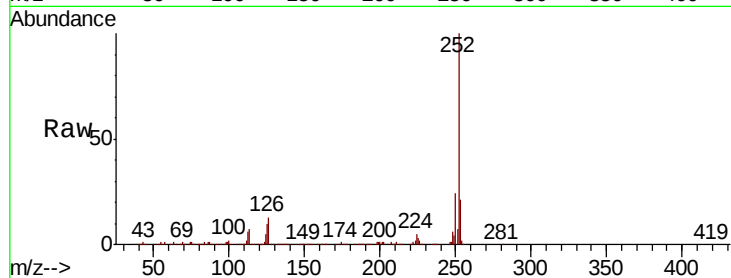
Tot Ion:252 Resp: 518686

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

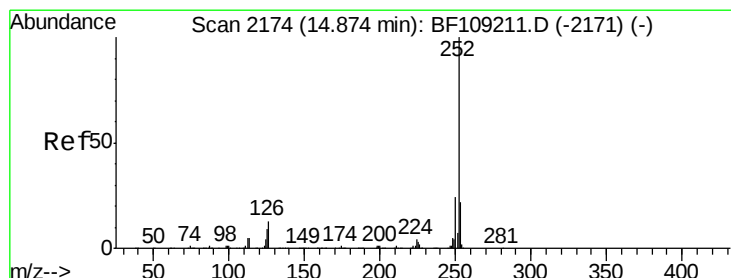
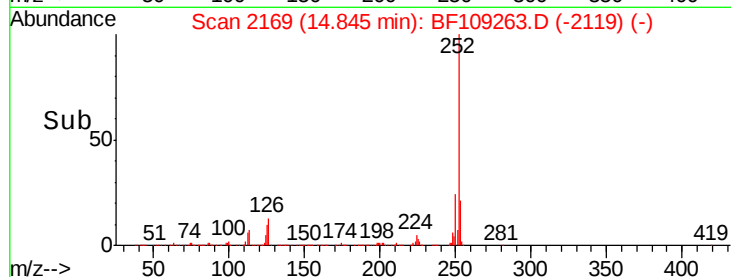
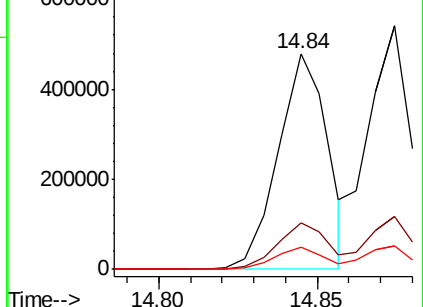
125 10.0 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 28.803 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

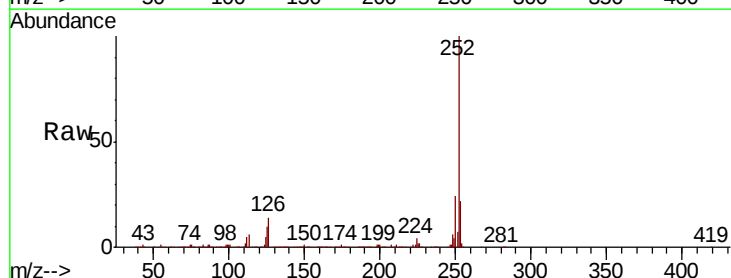
Tgt Ion:252 Resp: 500151

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

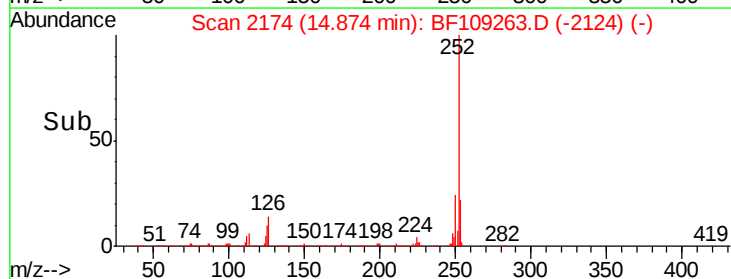
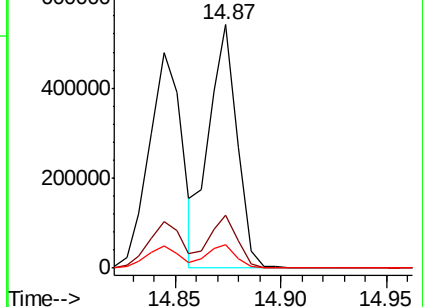
125 9.6 10.2 15.2#

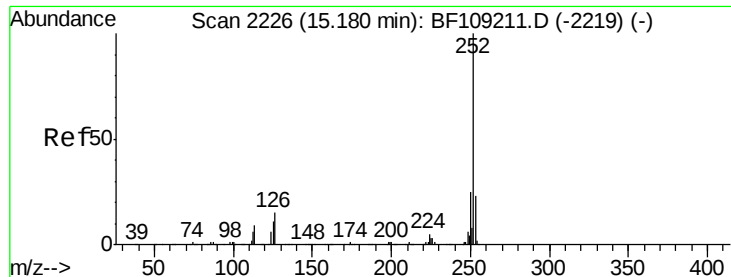


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 30.432 ng

RT: 15.19 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

ClientSampled :

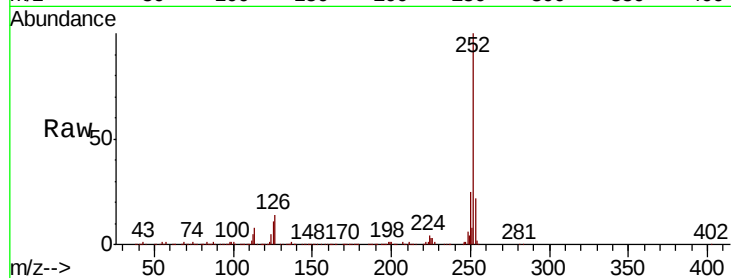
Tot Ion:252 Resp: 501795

Ion Ratio Lower Upper

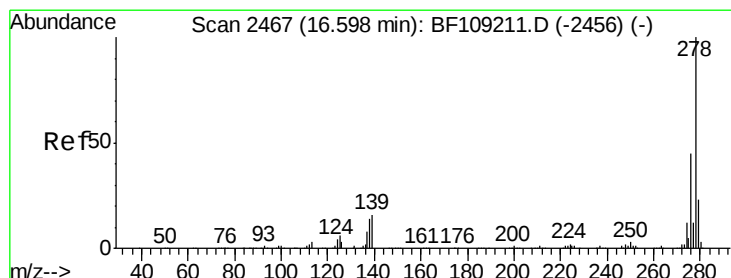
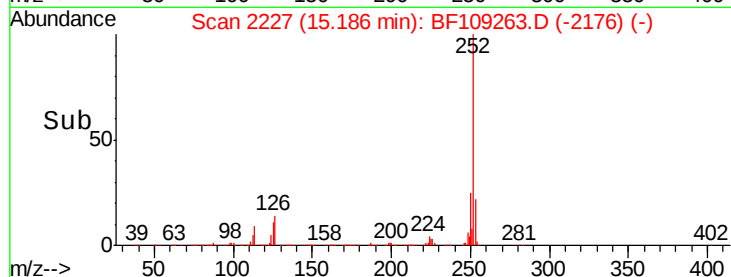
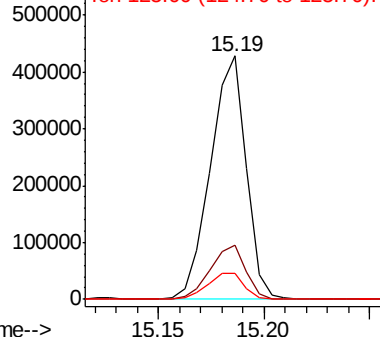
252 100

253 22.0 17.1 25.7

125 10.6 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 33.351 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

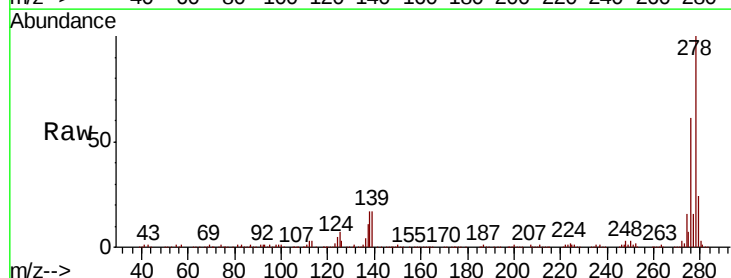
Tgt Ion:278 Resp: 451152

Ion Ratio Lower Upper

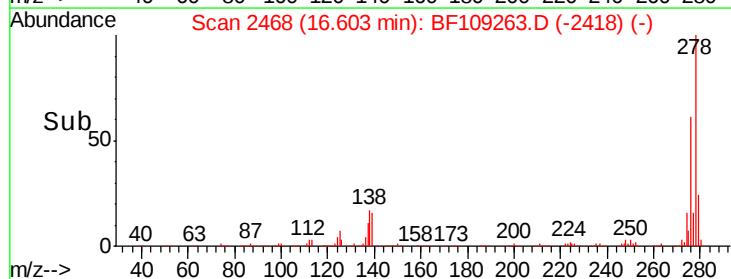
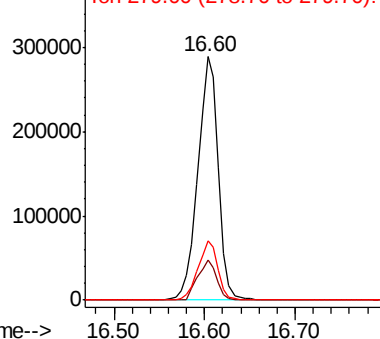
278 100

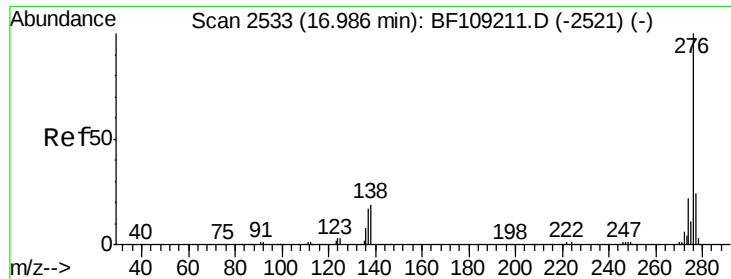
139 16.6 15.9 23.9

279 24.2 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 32.170 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.00 min

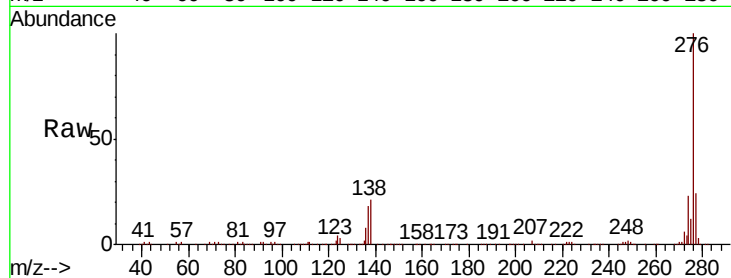
Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :



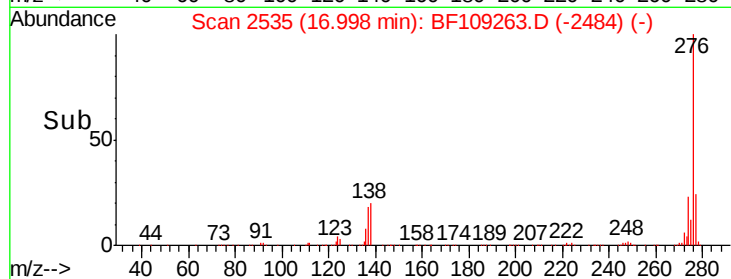
Tot Ion: 276 Resp: 427699

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 20.5 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

300000

250000

200000

150000

100000

50000

0

17.00

16.90

17.10

Time-->