

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109269.D
 Acq On : 24 Sep 2018 16:00
 Operator : JU/SJ
 Sample : J5017-08MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 17:07:50 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	109195	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	405376	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	165207	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	236421	20.00	ng	0.01
75) Chrysene-d12	13.87	240	186002	20.00	ng	0.02
86) Perylene-d12	15.28	264	174367	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	616375	92.97	ng	0.00
7) Phenol-d6	6.35	99	798906	94.44	ng	0.00
23) Nitrobenzene-d5	7.27	82	488564	71.15	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	151035	92.74	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	839909	76.68	ng	0.00
78) Terphenyl-d14	12.82	244	503017	66.37	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	75805	24.827	ng	93
3) Pyridine	3.09	79	212390	27.027	ng	92
4) n-Nitrosodimethylamine	3.00	42	110914	33.165	ng	# 97
6) Aniline	6.37	93	293335	27.102	ng	# 5
8) 2-Chlorophenol	6.50	128	241702	32.785	ng	94
9) Benzaldehyde	6.25	77	166118	30.567	ng	99
10) Phenol	6.36	94	306501	31.993	ng	78
11) bis(2-Chloroethyl)ether	6.45	93	241473	32.212	ng	97
12) 1,3-Dichlorobenzene	6.65	146	262743	30.954	ng	99
13) 1,4-Dichlorobenzene	6.73	146	265595	31.058	ng	99
14) 1,2-Dichlorobenzene	6.88	146	249314	31.604	ng	99
15) Benzyl Alcohol	6.85	79	217065	33.522	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	326967	30.749	ng	95
17) 2-Methylphenol	6.97	107	199832	33.499	ng	96
18) Hexachloroethane	7.22	117	90380	29.999	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	170279	30.718	ng	99
20) 3+4-Methylphenols	7.12	107	241606	33.547	ng	# 62
22) Acetophenone	7.12	105	334188	35.657	ng	# 93
24) Nitrobenzene	7.29	77	256082	35.072	ng	97
25) Isophorone	7.53	82	466933	37.760	ng	97
26) 2-Nitrophenol	7.61	139	116144	40.222	ng	96
27) 2,4-Dimethylphenol	7.65	122	212509	39.440	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	285325	34.856	ng	99
29) 2,4-Dichlorophenol	7.85	162	202093	35.698	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	207034	32.729	ng	98
31) Naphthalene	8.02	128	680155	35.905	ng	99
32) Benzoic acid	7.76	122	86850	27.158	ng	98
33) 4-Chloroaniline	8.06	127	225460	27.245	ng	99
34) Hexachlorobutadiene	8.14	225	125076	32.798	ng	98
35) Caprolactam	8.42	113	75818	41.949	ng	89
36) 4-Chloro-3-methylphenol	8.55	107	204019	34.248	ng	98
37) 2-Methylnaphthalene	8.70	142	442544	36.239	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	199539	37.951	ng	98
40) Hexachlorocyclopentadiene	8.86	237	26441	11.530	ng	93

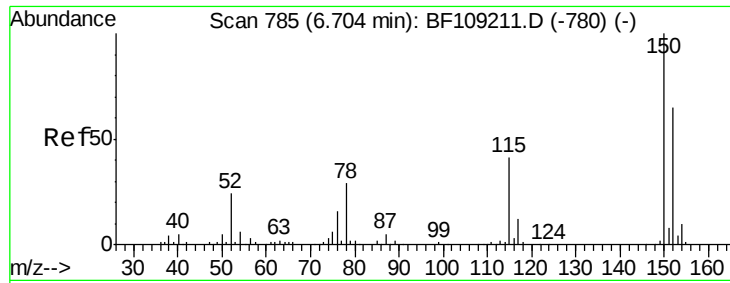
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109269.D
 Acq On : 24 Sep 2018 16:00
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	133541	39.574	nq	98
43) 2,4,5-Trichlorophenol	9.03	196	134374	37.704	nq	# 91
45) 1,1'-Biphenyl	9.17	154	496668	36.898	nq	97
46) 2-Chloronaphthalene	9.19	162	379097	35.254	nq	98
47) 2-Nitroaniline	9.28	65	118053	38.722	nq	91
48) Acenaphthylene	9.60	152	584635	36.039	nq	99
49) Dimethylphthalate	9.47	163	624742	51.992	nq	# 99
50) 2,6-Dinitrotoluene	9.53	165	90544	38.047	nq	92
51) Acenaphthene	9.78	154	332736	33.925	nq	99
52) 3-Nitroaniline	9.69	138	93739	34.013	nq	99
53) 2,4-Dinitrophenol	9.80	184	14733	24.105	nq	# 25
54) Dibenzofuran	9.95	168	470968	32.289	nq	# 95
55) 4-Nitrophenol	9.86	139	145901	70.275	nq	93
56) 2,4-Dinitrotoluene	9.93	165	107552	35.718	nq	# 98
57) Fluorene	10.29	166	357885	34.388	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	91708	32.499	nq	# 98
59) Diethylphthalate	10.17	149	397059	32.631	nq	97
60) 4-Chlorophenyl-phenylether	10.29	204	167527	30.819	nq	98
61) 4-Nitroaniline	10.30	138	85548	31.829	nq	93
62) Azobenzene	10.45	77	375663	29.715	nq	95
64) 4,6-Dinitro-2-methylphenol	10.34	198	14259	19.542	nq	# 1
65) n-Nitrosodiphenylamine	10.40	169	421032	53.901	nq	91
66) 4-Bromophenyl-phenylether	10.77	248	97015	36.953	nq	94
67) Hexachlorobenzene	10.85	284	96280	34.530	nq	95
68) Atrazine	10.93	200	99152	41.273	nq	92
69) Pentachlorophenol	11.04	266	97645	58.511	nq	98
70) Phenanthrene	11.25	178	510958	43.285	nq	97
71) Anthracene	11.30	178	447651	37.389	nq	98
72) Carbazole	11.46	167	382812	32.136	nq	96
73) Di-n-butylphthalate	11.80	149	426607	31.108	nq	# 97
74) Fluoranthene	12.45	202	378773	30.025	nq	96
76) Benzidine	12.56	184	196347	29.278	nq	# 88
77) Pyrene	12.68	202	450605	33.803	nq	97
79) Butylbenzylphthalate	13.29	149	175846	31.006	nq	# 88
80) Benzo(a)anthracene	13.86	228	409556	36.556	nq	# 95
81) 3,3'-Dichlorobenzidine	13.82	252	142336	33.430	nq	# 96
82) Chrysene	13.90	228	399438	35.971	nq	97
83) Bis(2-ethylhexyl)phthalate	13.86	149	234987	32.854	nq	# 96
84) Di-n-octyl phthalate	14.46	149	429813	35.146	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.63	276	315113	35.010	nq	# 91
87) Benzo(b)fluoranthene	14.88	252	352194	36.758	nq	# 90
88) Benzo(k)fluoranthene	14.90	252	310914	34.197	nq	# 88
89) Benzo(a)pyrene	15.22	252	315741	36.571	nq	# 92
90) Dibenzo(a,h)anthracene	16.64	278	263298	37.173	nq	96
91) Benzo(g,h,i)perylene	17.03	276	257715	37.022	nq	# 91

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

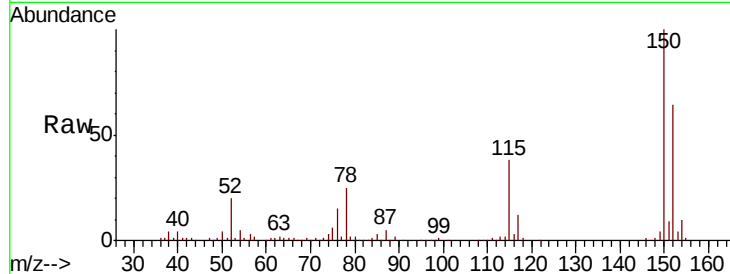


#1

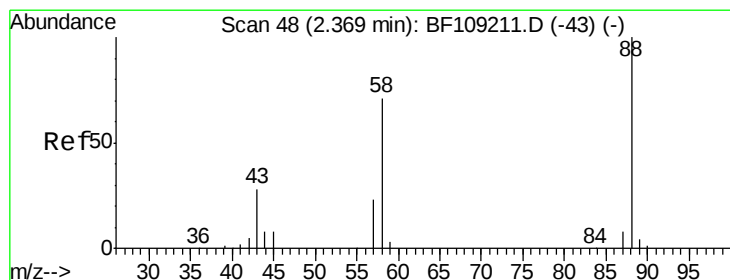
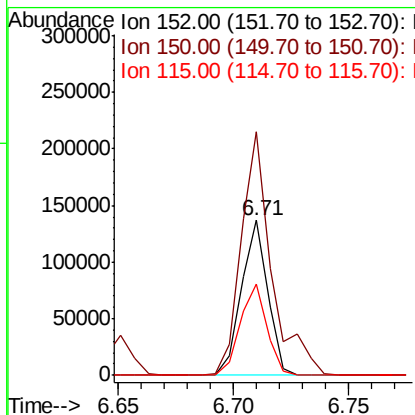
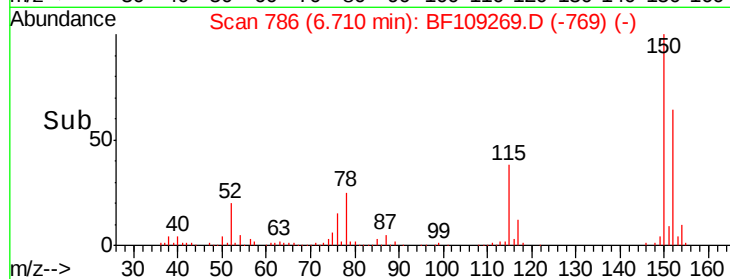
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	59.1	50.1	75.1



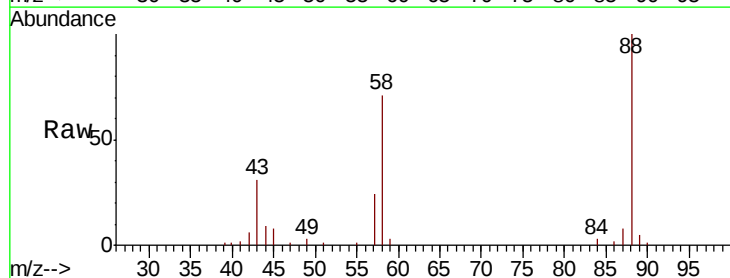
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



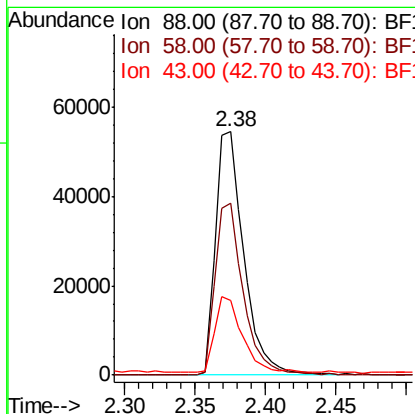
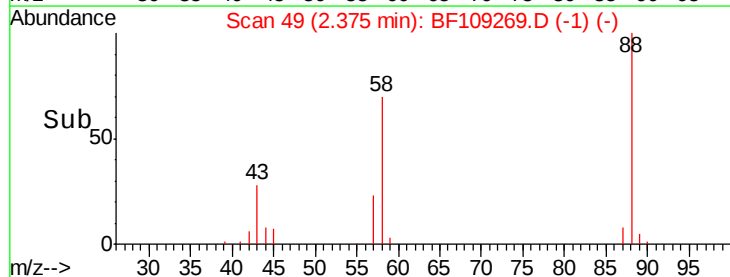
#2

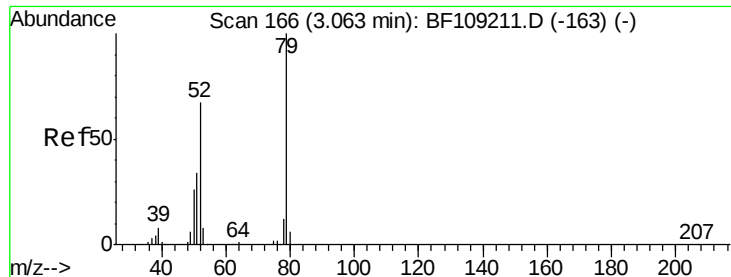
1,4-Dioxane
Concen: 24.827 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	62.6	93.8
43	30.4	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: 27.027 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.02 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampled :

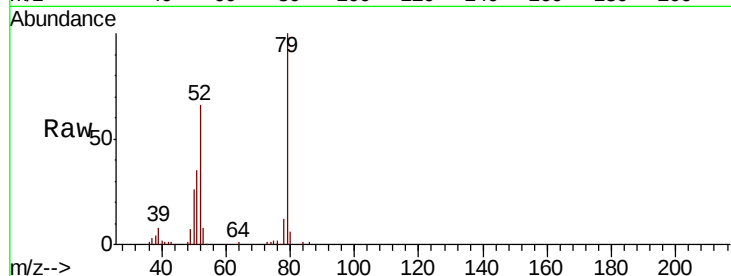
Tot Ion: 79 Resp: 212390

Ion Ratio Lower Upper

79 100

52 66.4 59.8 89.6

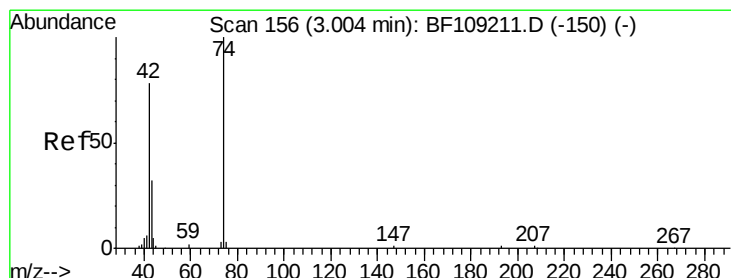
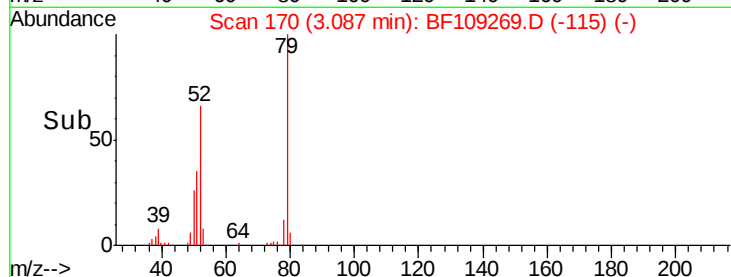
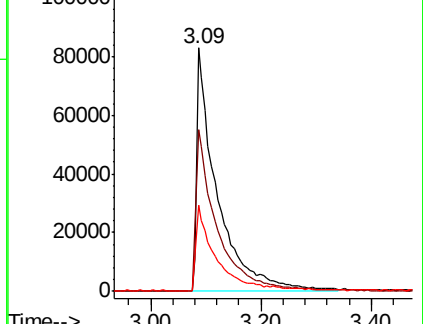
51 35.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.165 ng

RT: 3.00 min Scan# 156

Delta R.T. -0.02 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

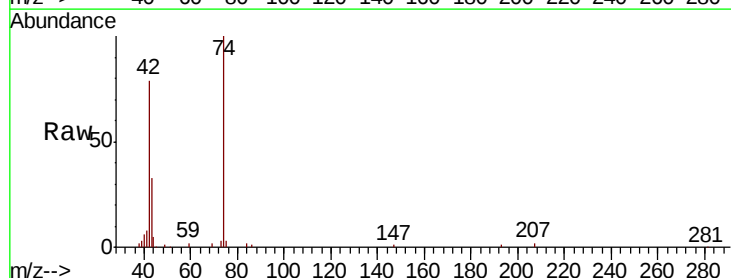
Tgt Ion: 42 Resp: 110914

Ion Ratio Lower Upper

42 100

74 127.3 104.9 157.3

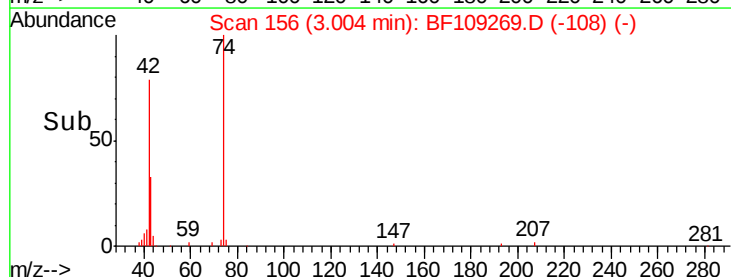
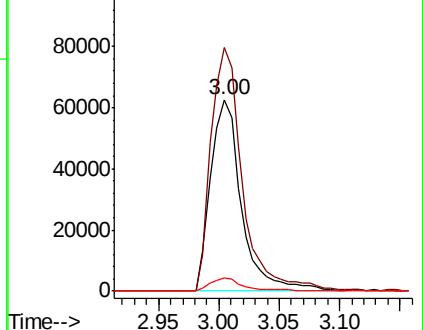
44 6.7 6.9 10.3#

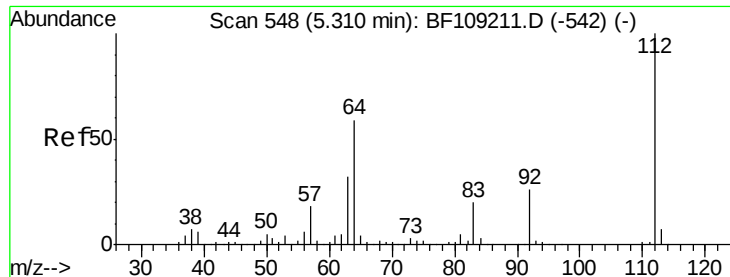


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 92.973 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

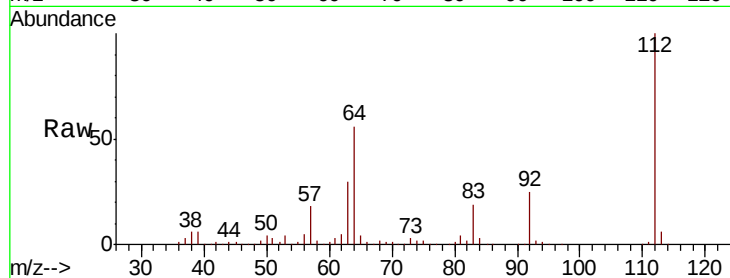
Tot Ion:112 Resp: 616375

Ion Ratio Lower Upper

112 100

64 55.6 47.9 71.9

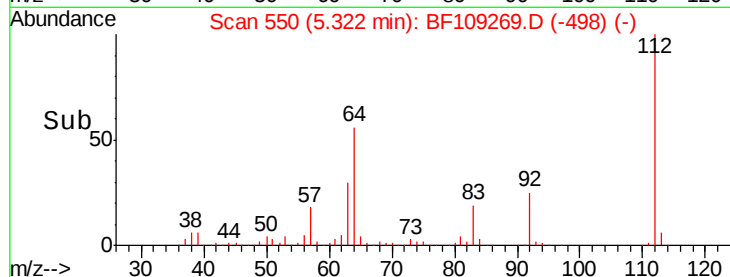
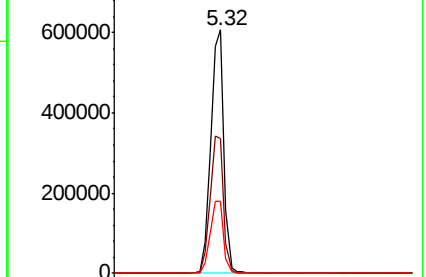
63 29.6 23.7 35.5



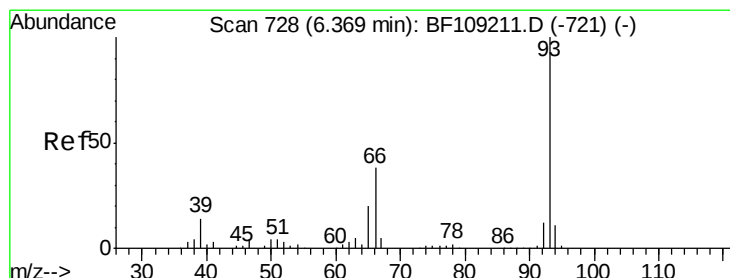
Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



Time-->



#6

Aniline

Concen: 27.102 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

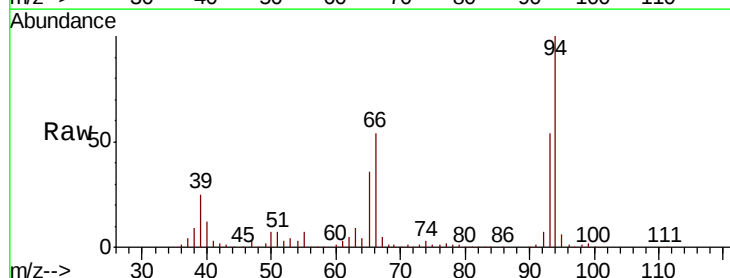
Tgt Ion: 93 Resp: 293335

Ion Ratio Lower Upper

93 100

66 98.4 32.2 48.2#

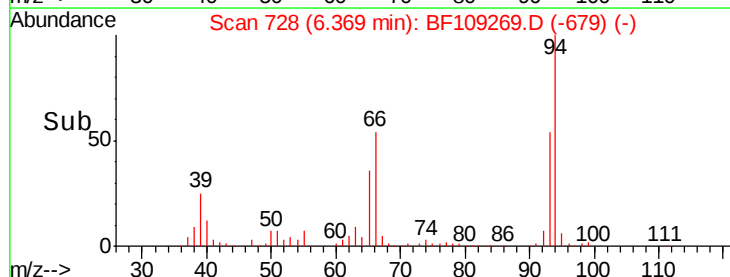
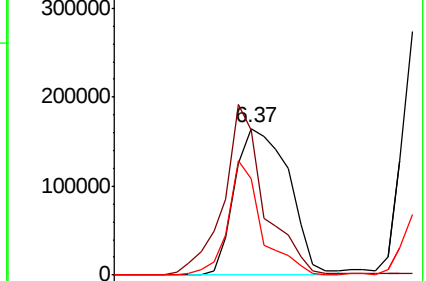
65 65.4 16.4 24.6#



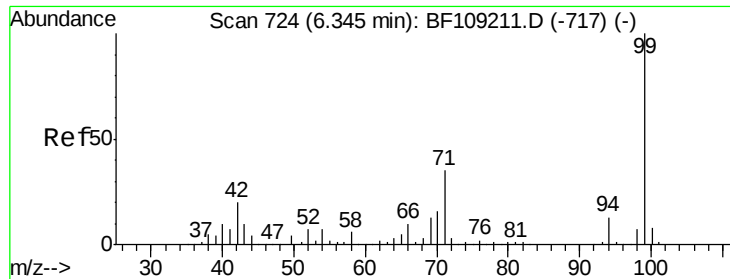
Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



Time-->



#7

Phenol-d6

Concen: 94.437 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

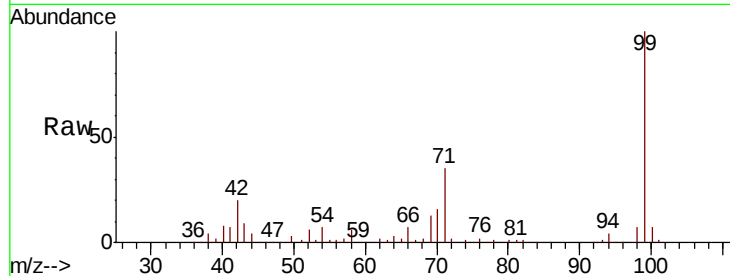
Tot Ion: 99 Resp: 798906

Ion Ratio Lower Upper

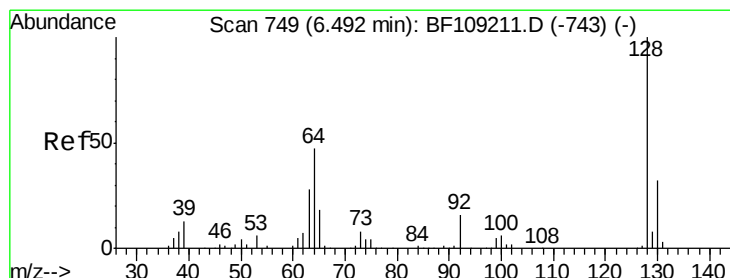
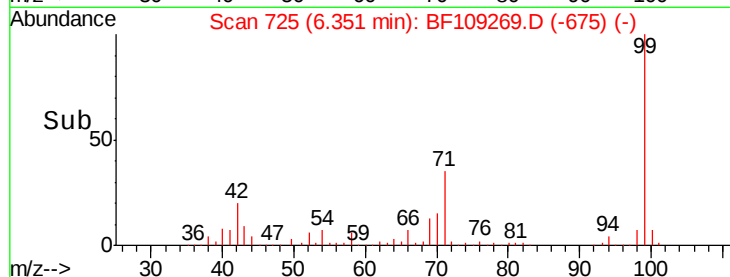
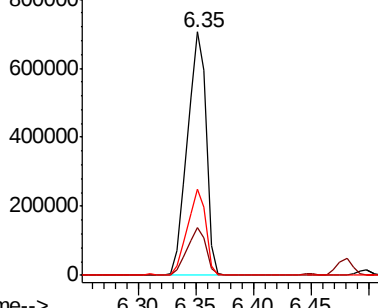
99 100

42 19.7 14.5 21.7

71 35.5 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: 32.785 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

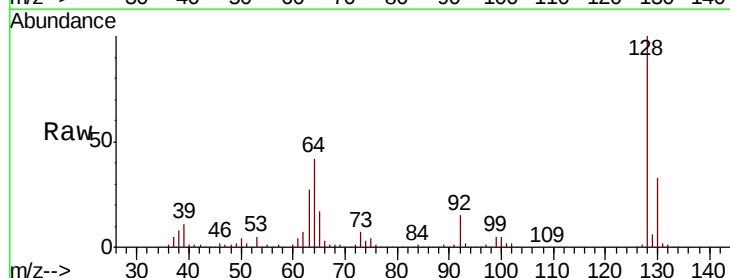
Tgt Ion: 128 Resp: 241702

Ion Ratio Lower Upper

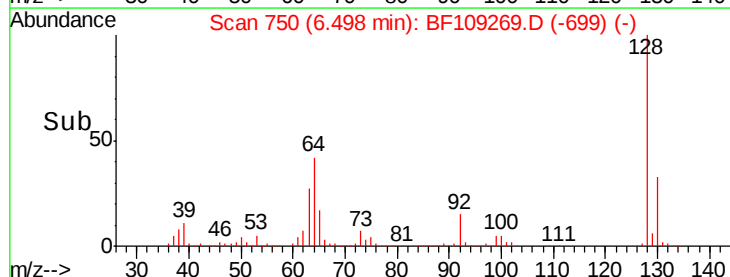
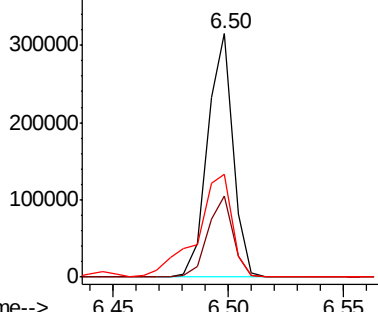
128 100

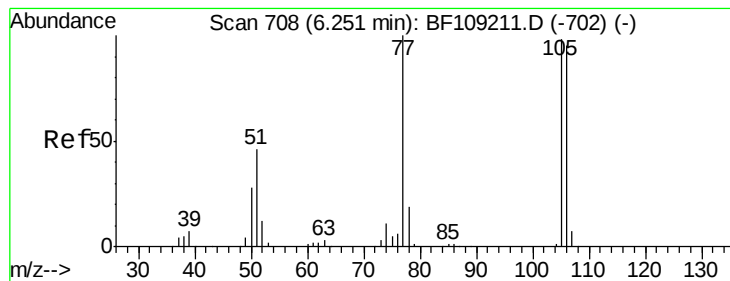
130 33.3 13.0 53.0

64 42.2 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: 30.567 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampled :

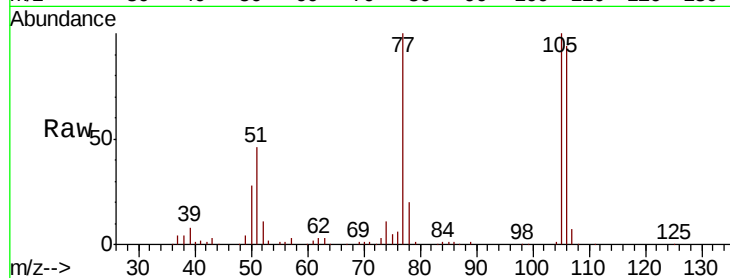
Tot Ion: 77 Resp: 166118

Ion Ratio Lower Upper

77 100

105 99.7 81.1 121.1

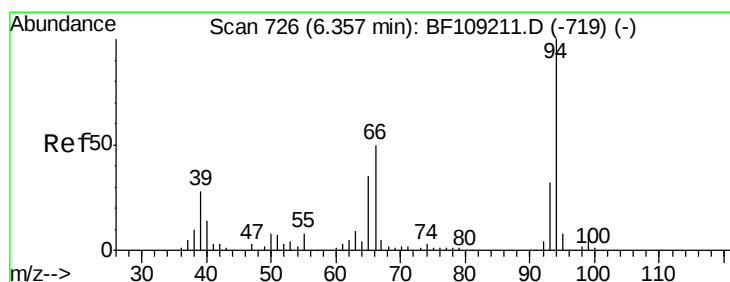
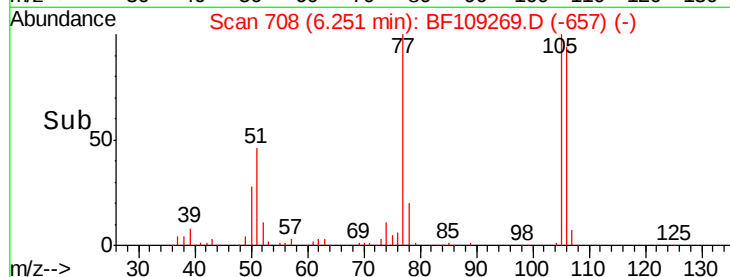
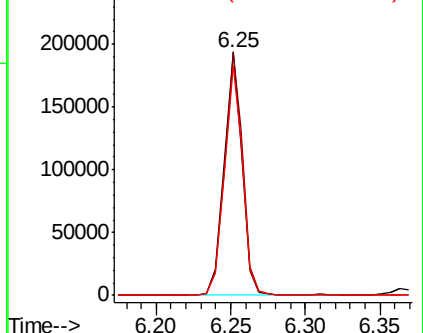
106 94.4 74.5 114.5



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: 31.993 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

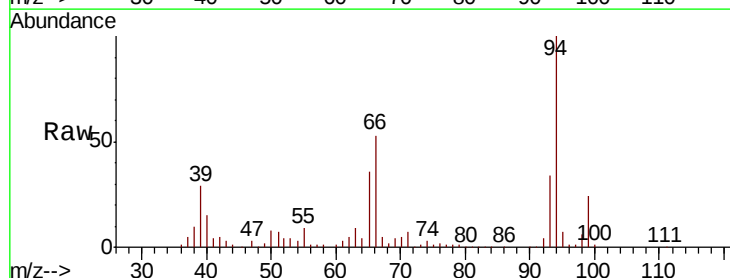
Tgt Ion: 94 Resp: 306501

Ion Ratio Lower Upper

94 100

65 35.5 7.9 47.9

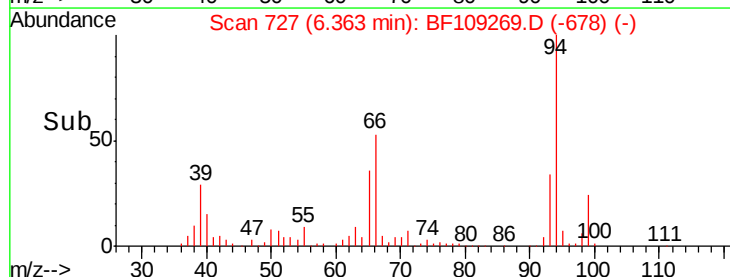
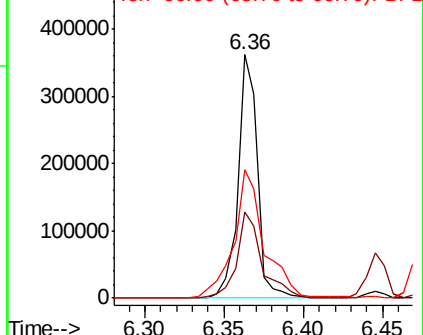
66 53.0 16.2 56.2

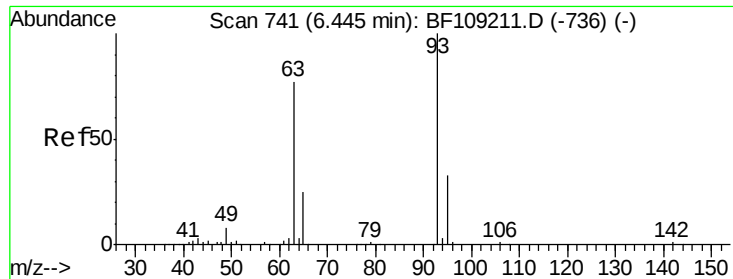


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

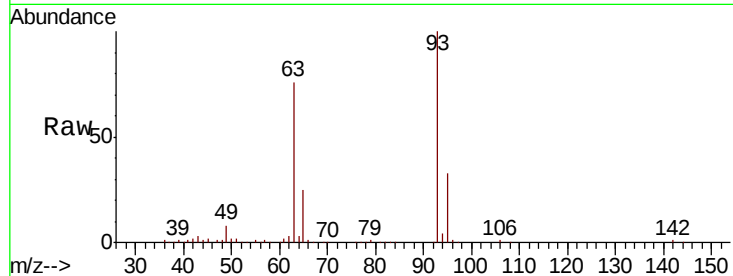




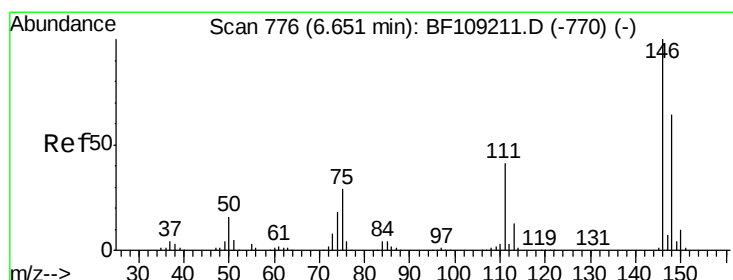
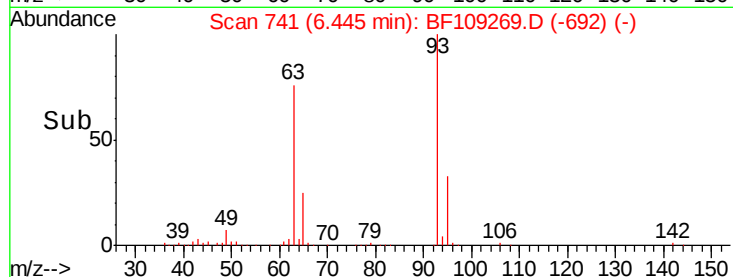
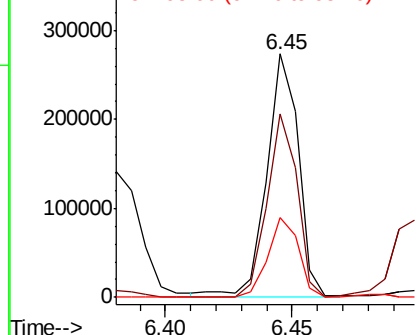
#11
bis(2-Chloroethyl)ether
Concen: 32.212 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 241473
Ion Ratio Lower Upper
93 100
63 75.6 58.6 98.6
95 32.9 11.8 51.8

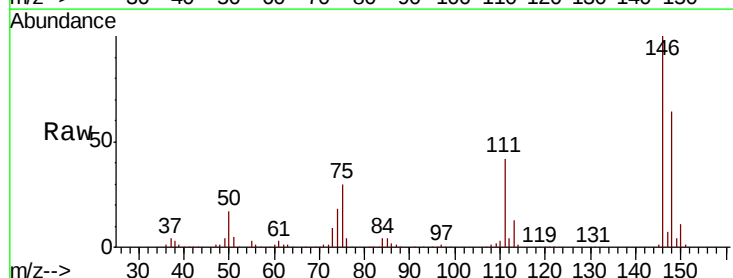


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

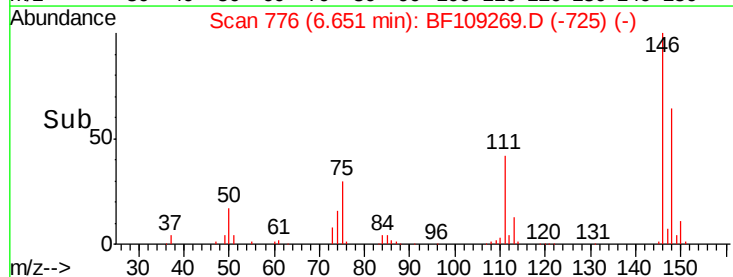
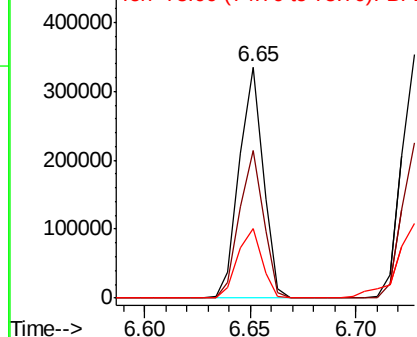


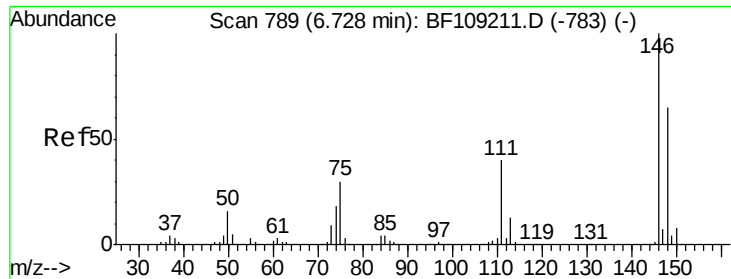
#12
1,3-Dichlorobenzene
Concen: 30.954 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion: 146 Resp: 262743
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 30.3 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

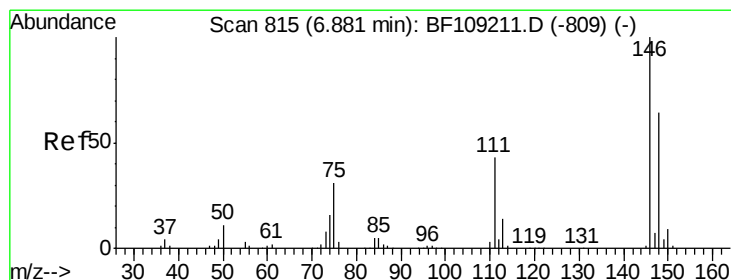
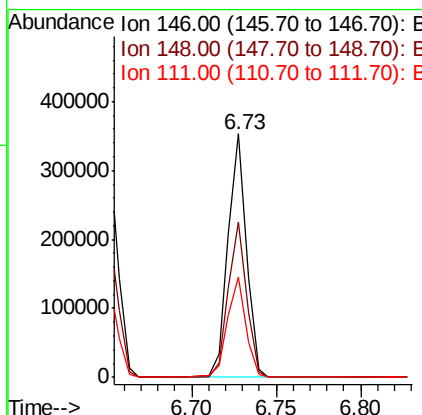
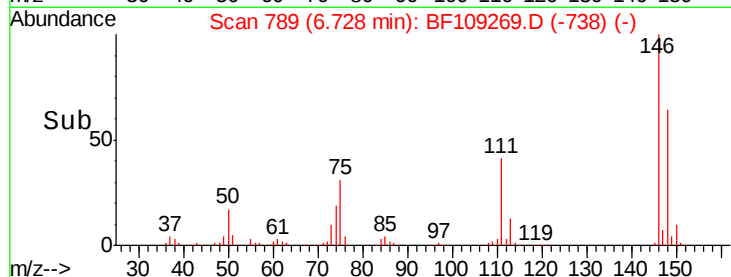
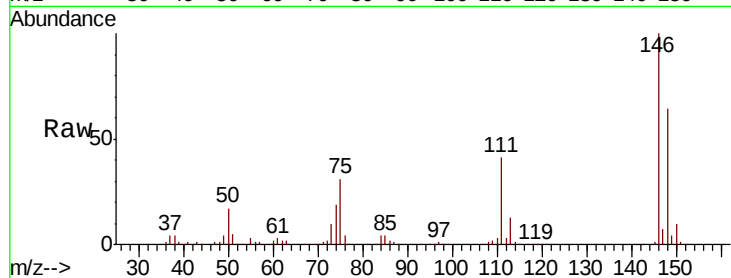




#13
 1,4-Dichlorobenzene
 Concen: 31.058 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

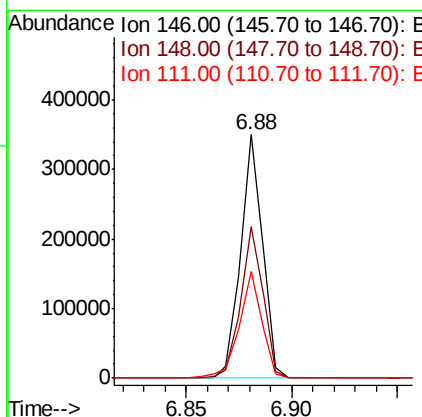
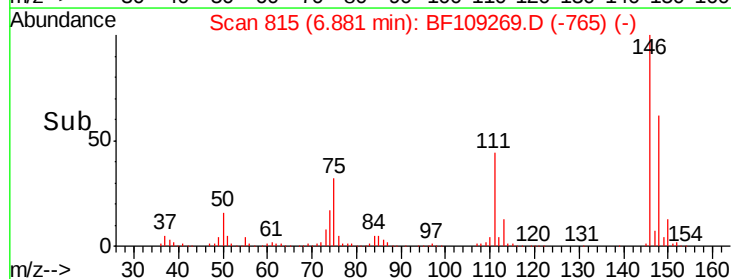
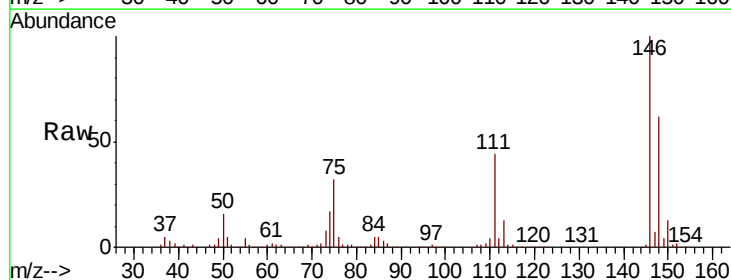
Instrument :
 BNA_F
 ClientSampled :

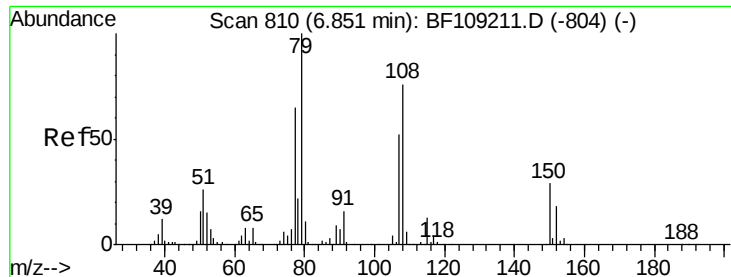
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	40.9	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 31.604 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.6	75.8
111	43.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 33.522 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampled :

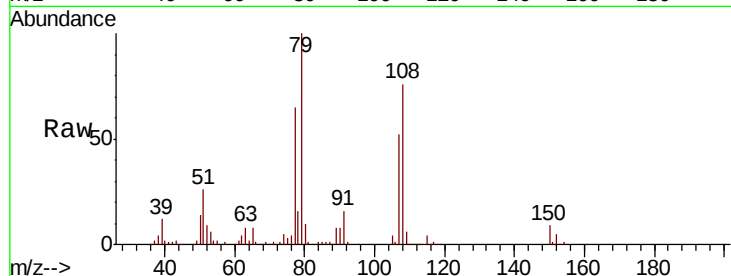
Tot Ion: 79 Resp: 217065

Ion Ratio Lower Upper

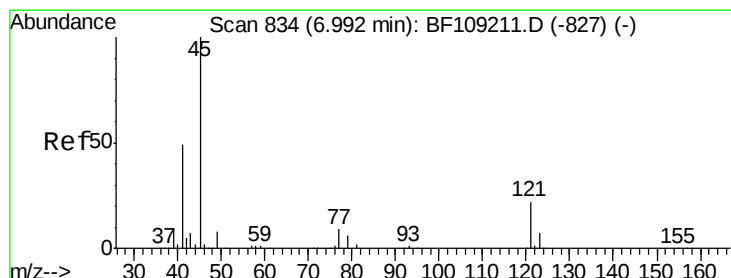
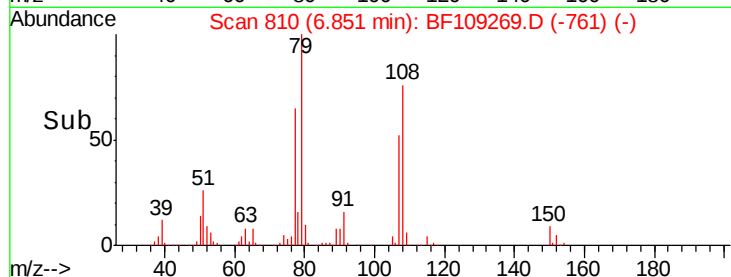
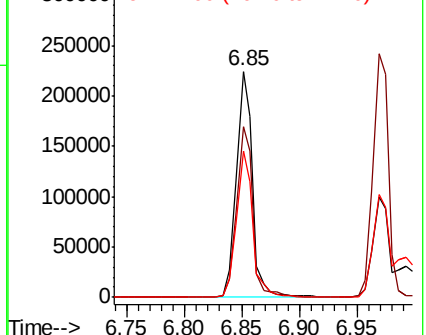
79 100

108 75.7 65.1 97.7

77 65.0 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: 30.749 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

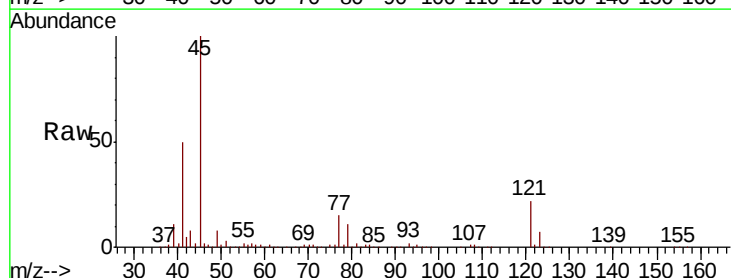
Tgt Ion: 45 Resp: 326967

Ion Ratio Lower Upper

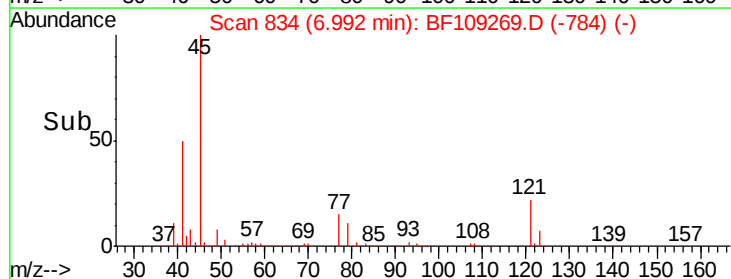
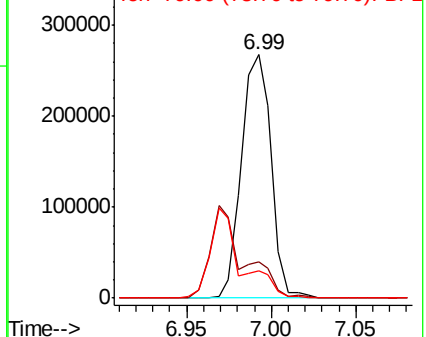
45 100

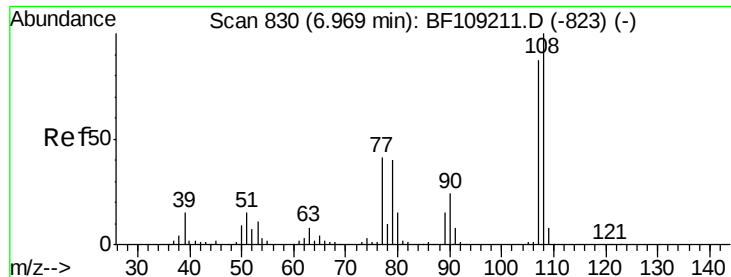
77 15.1 0.0 32.9

79 11.4 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

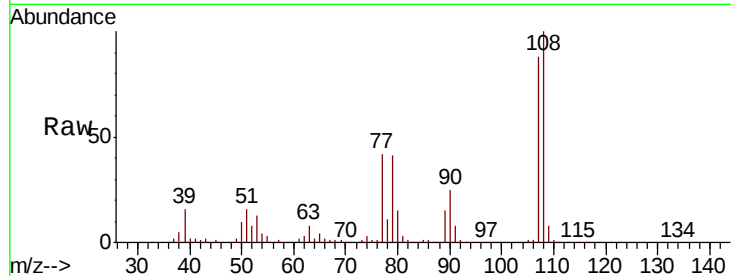




#17
2-Methylphenol
Concen: 33.499 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	199832
Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.7	137.5
77	47.9	33.8	50.8
79	46.8	33.8	50.8



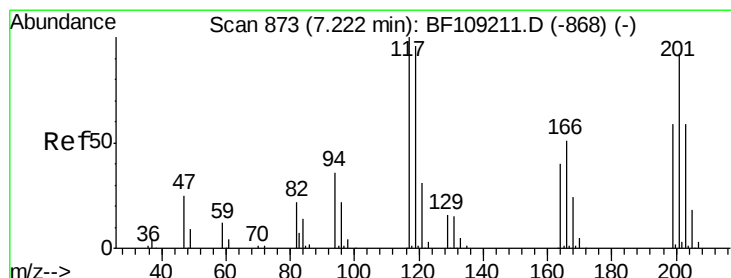
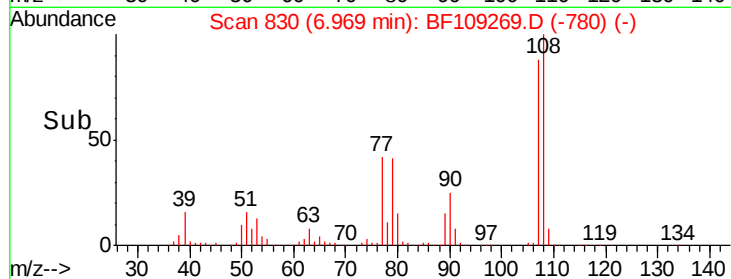
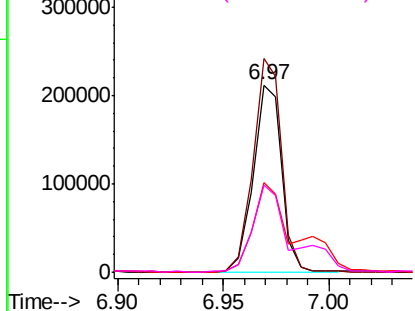
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

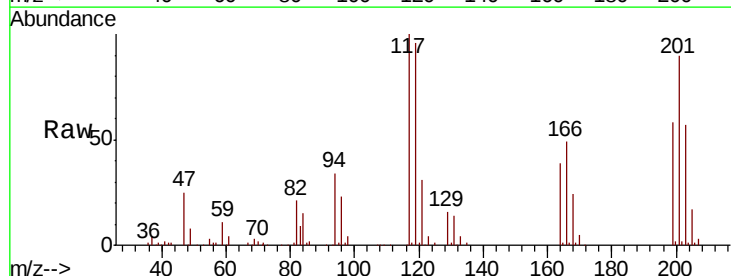
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 29.999 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:	117	Resp:	90380
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	89.7	75.7	113.5

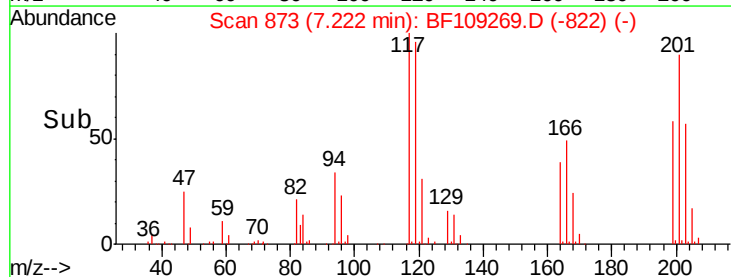
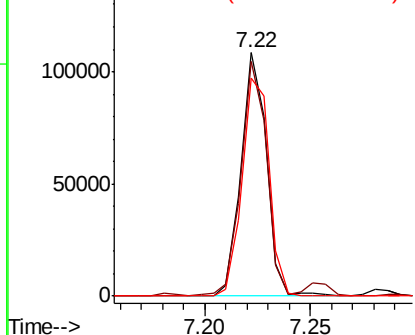


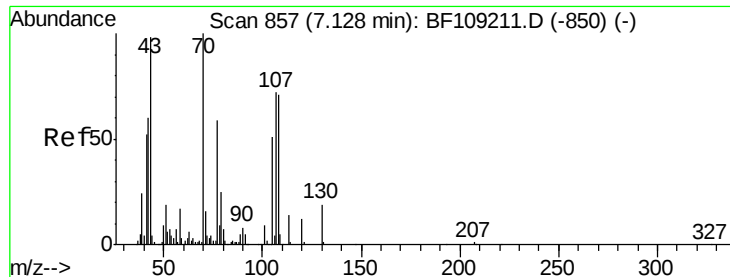
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

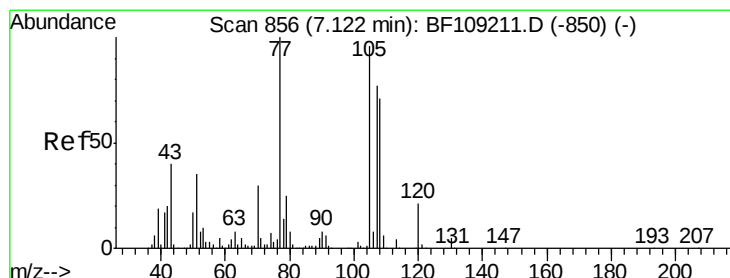
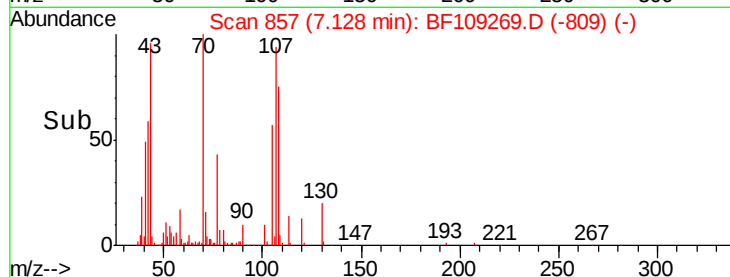
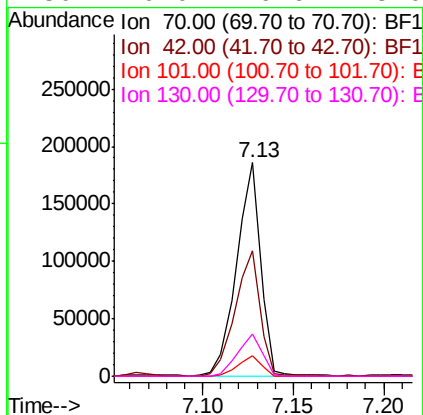
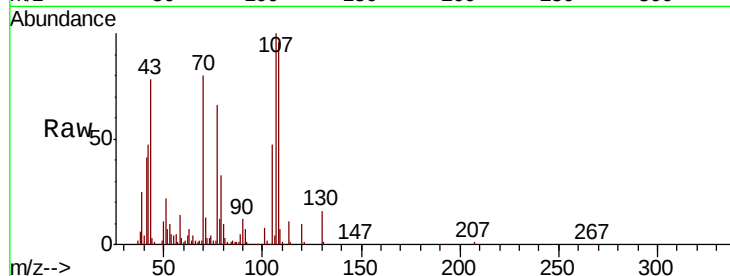




#19
n-Nitroso-di-n-propylamine
Concen: 30.718 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

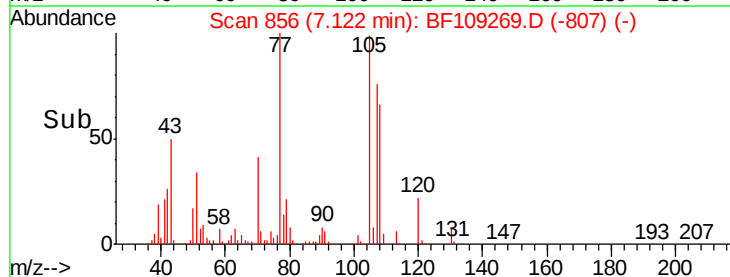
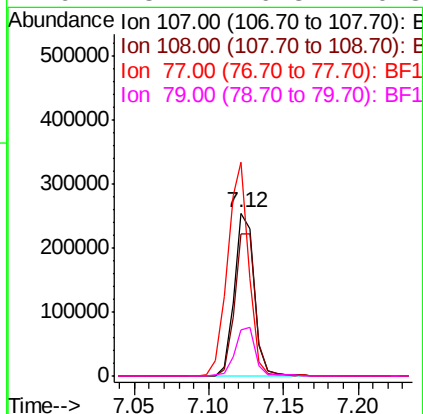
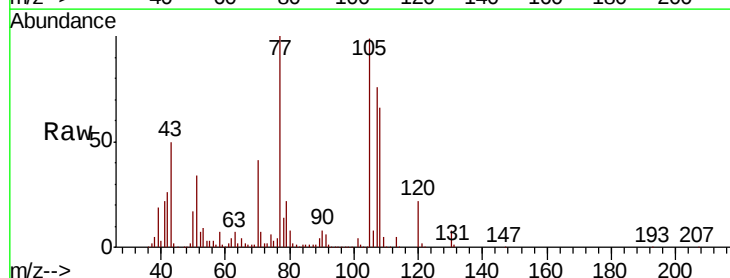
Instrument :
BNA_F
ClientSampleId :

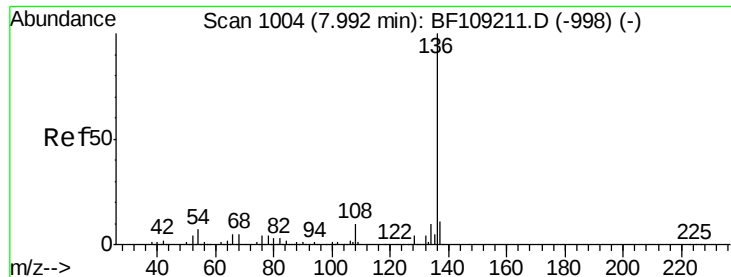
Tot Ion:	70	Resp:	170279
Ion	Ratio	Lower	Upper
70	100		
42	59.0	47.5	71.3
101	9.4	7.4	11.2
130	20.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 33.547 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:	107	Resp:	241606
Ion	Ratio	Lower	Upper
107	100		
108	86.8	68.2	108.2
77	130.9	26.7	66.7#
79	28.7	6.3	46.3

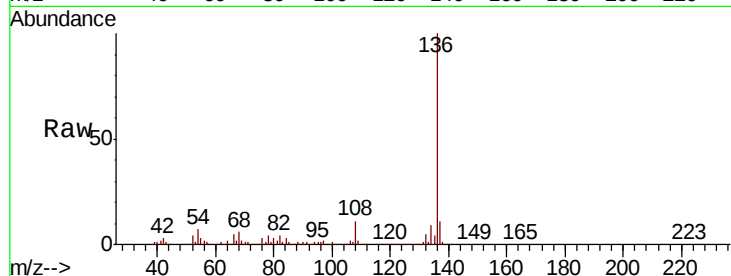




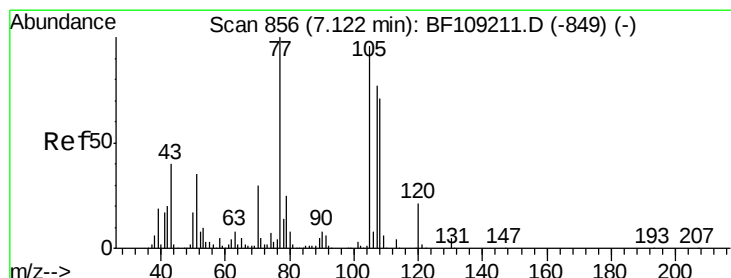
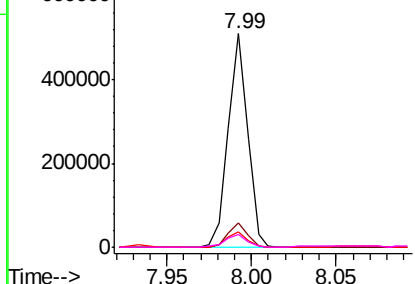
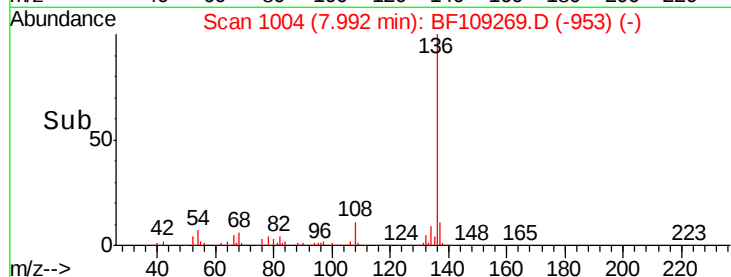
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	405376
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	7.0	6.6 9.8
68	5.9	5.0 7.4

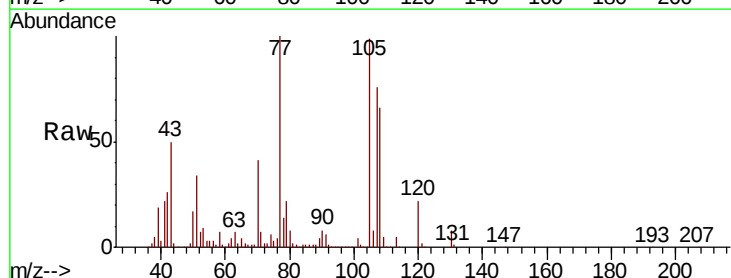


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

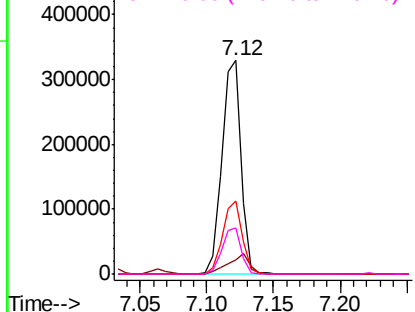
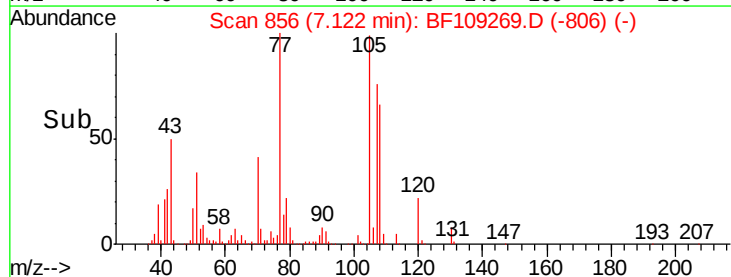


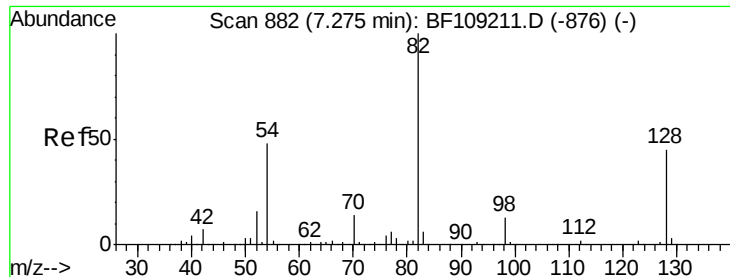
#22
Acetophenone
Concen: 35.657 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:105	Resp:	334188
Ion	Ratio	Lower Upper
105	100	
71	6.9	4.4 6.6#
51	34.3	22.3 33.5#
120	21.9	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
500000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

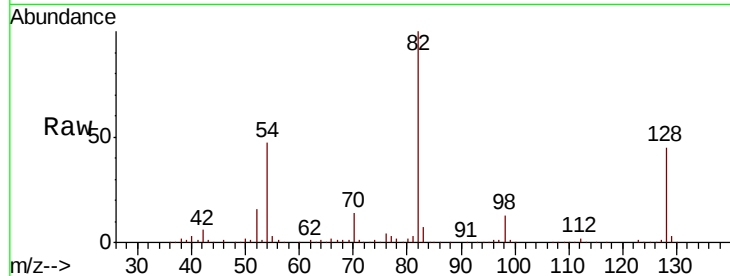




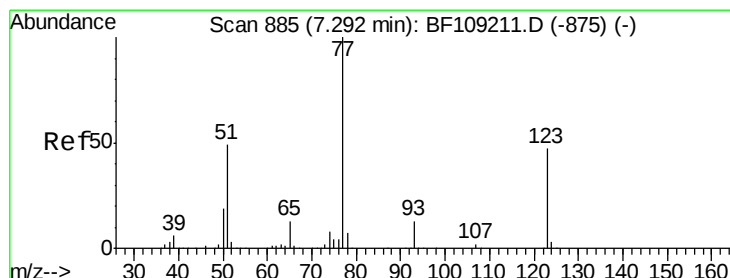
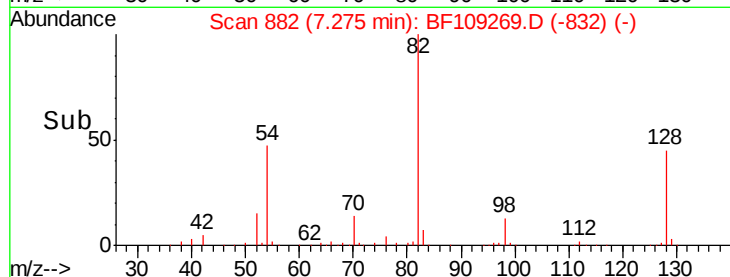
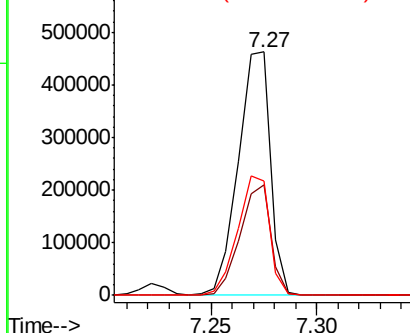
#23
Nitrobenzene-d5
Concen: 71.145 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 488564
Ion Ratio Lower Upper
82 100
128 45.1 36.1 54.1
54 47.0 41.4 62.2

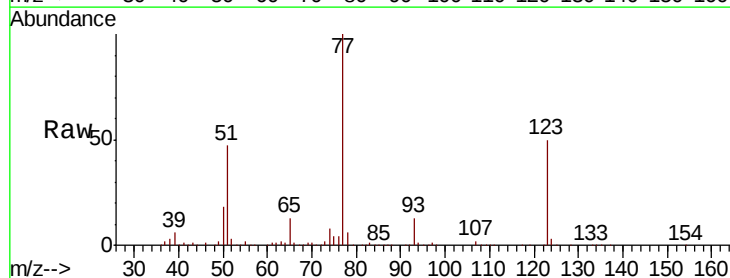


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

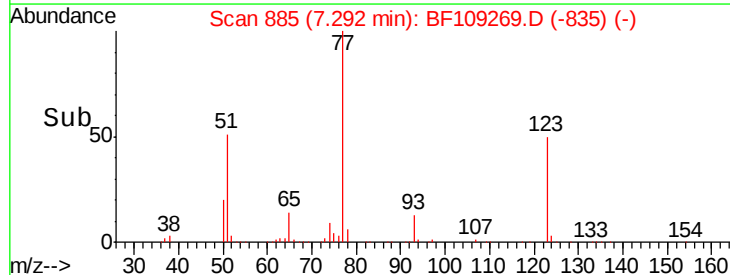
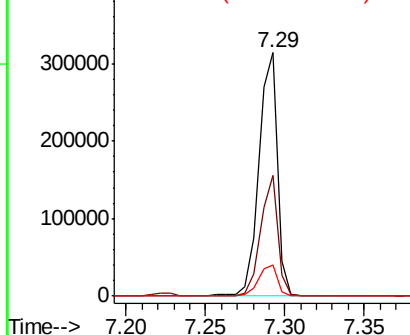


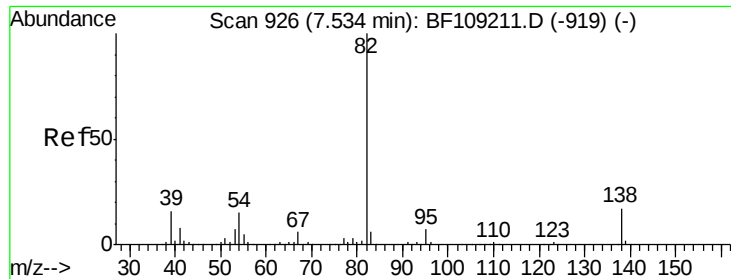
#24
Nitrobenzene
Concen: 35.072 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion: 77 Resp: 256082
Ion Ratio Lower Upper
77 100
123 49.8 37.9 56.9
65 12.7 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

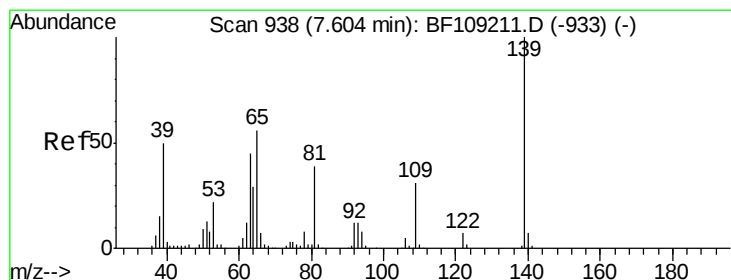
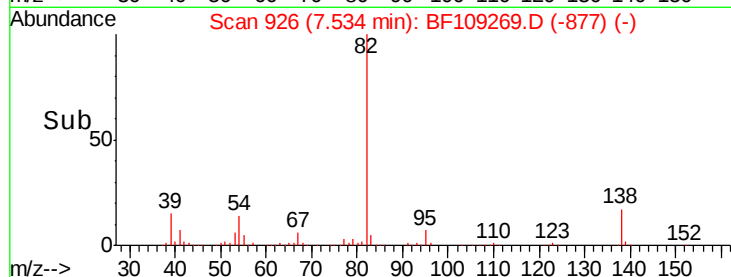
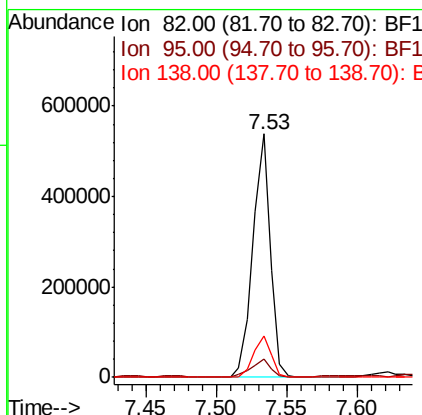
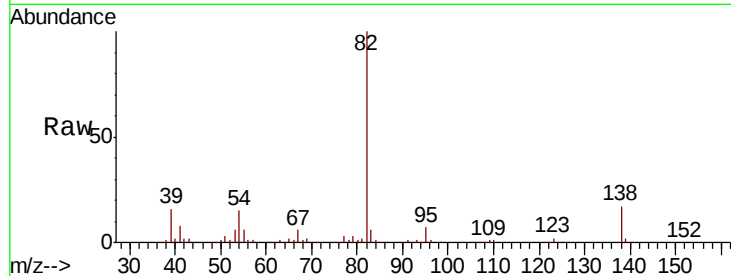




#25
Isophorone
Concen: 37.760 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

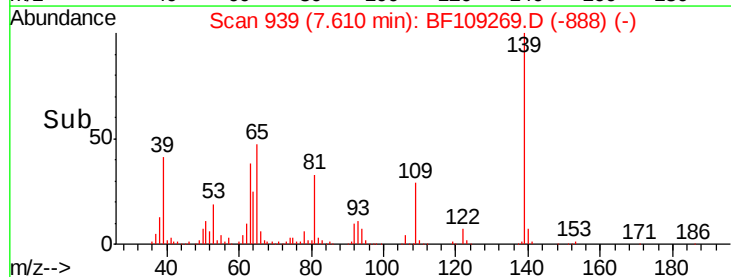
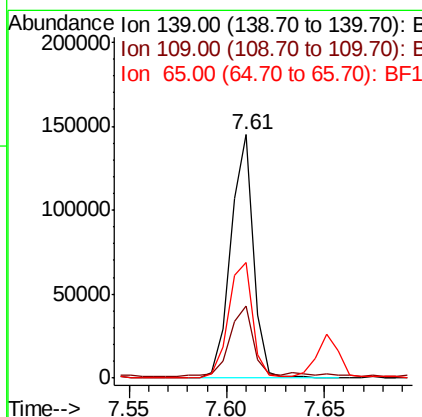
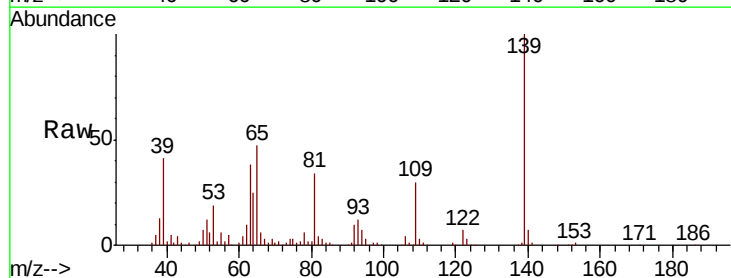
Instrument :
BNA_F
ClientSampleId :

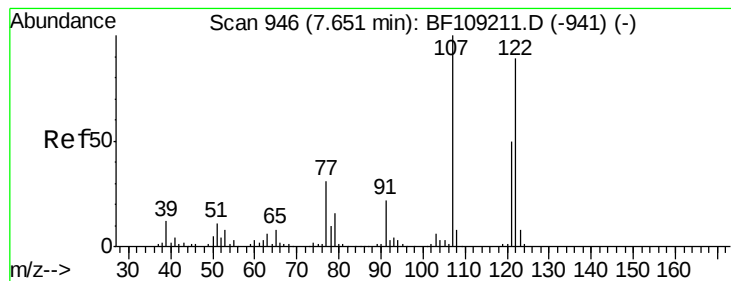
Tot Ion: 82 Resp: 466933
Ion Ratio Lower Upper
82 100
95 7.4 5.2 7.8
138 17.2 14.9 22.3



#26
2-Nitrophenol
Concen: 40.222 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion: 139 Resp: 116144
Ion Ratio Lower Upper
139 100
109 29.7 22.7 34.1
65 47.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.440 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

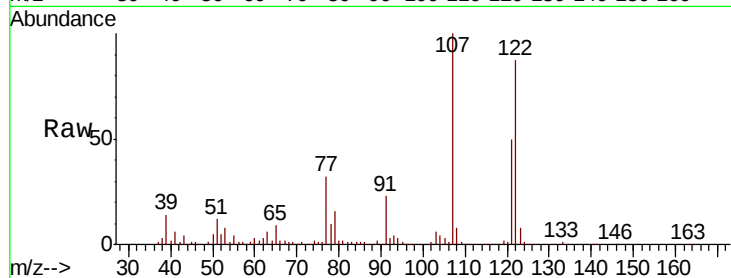
Tot Ion:122 Resp: 212509

Ion Ratio Lower Upper

122 100

107 114.3 91.2 136.8

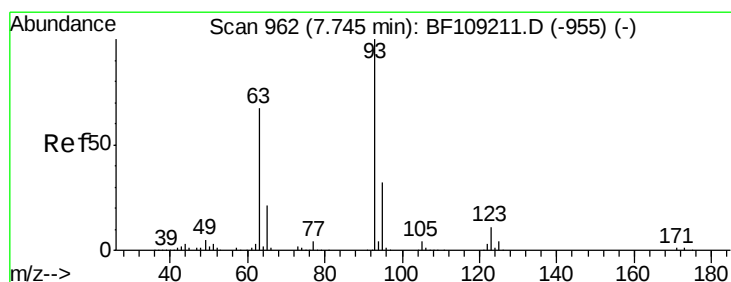
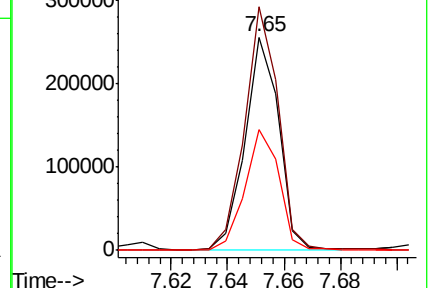
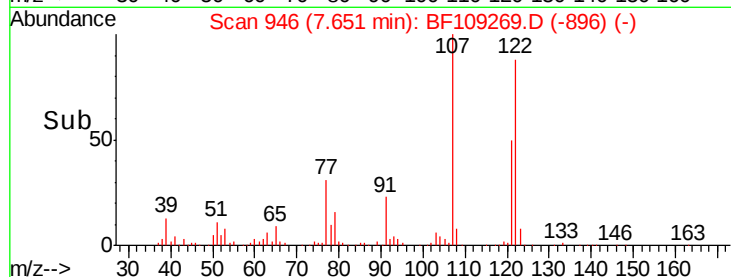
121 56.8 47.2 70.8



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: 34.856 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

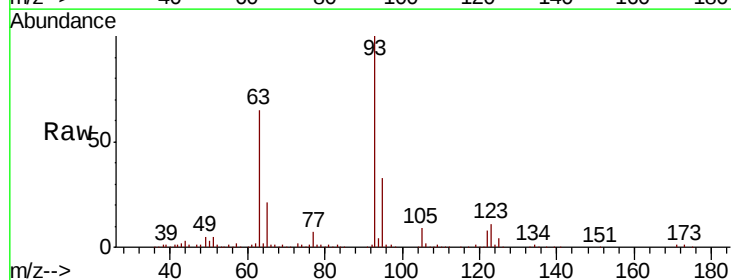
Tgt Ion: 93 Resp: 285325

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

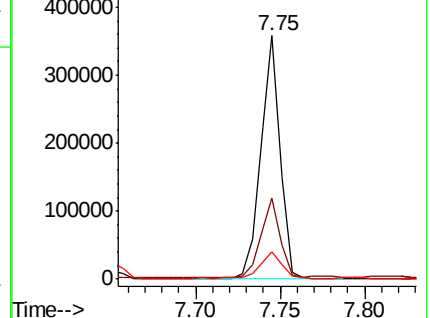
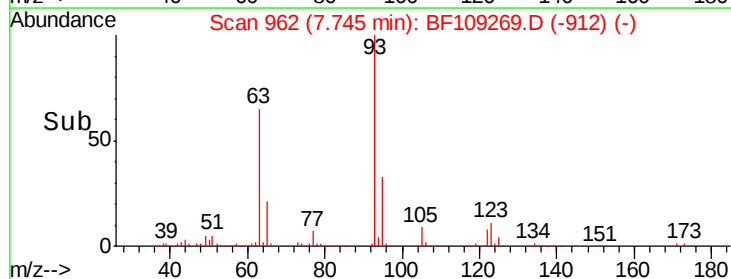
123 11.3 9.8 14.6

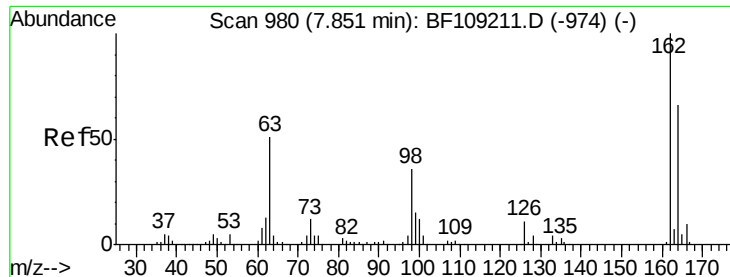


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

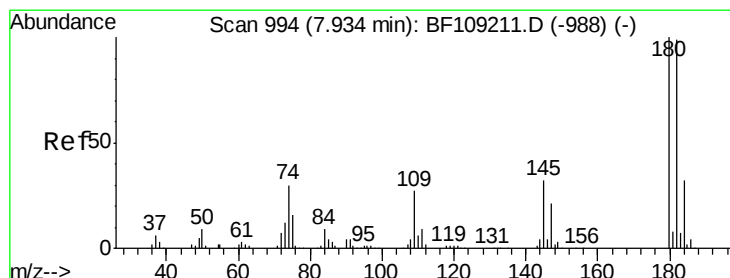
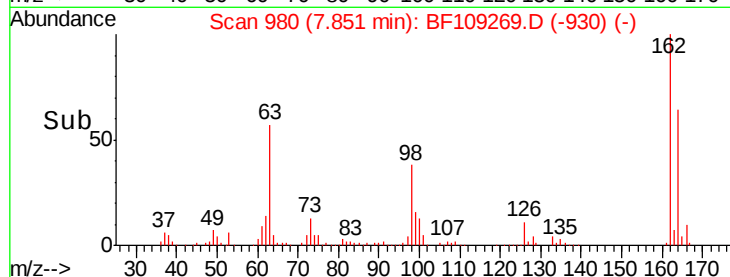
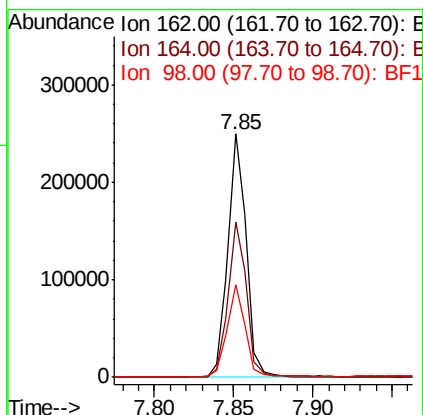
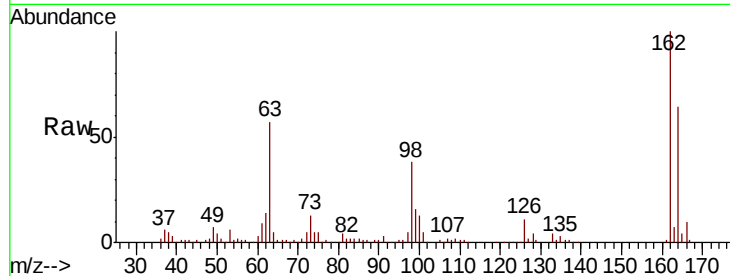




#29
 2,4-Dichlorophenol
 Concen: 35.698 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

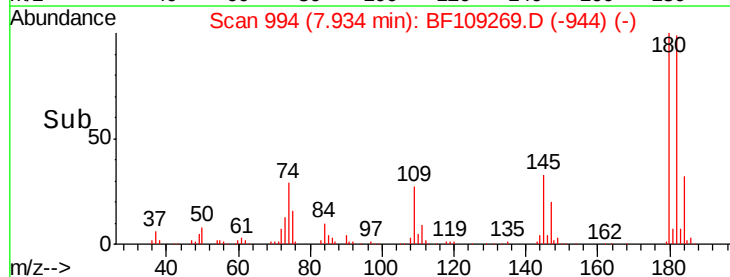
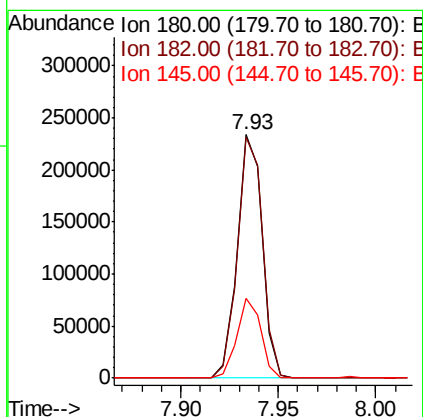
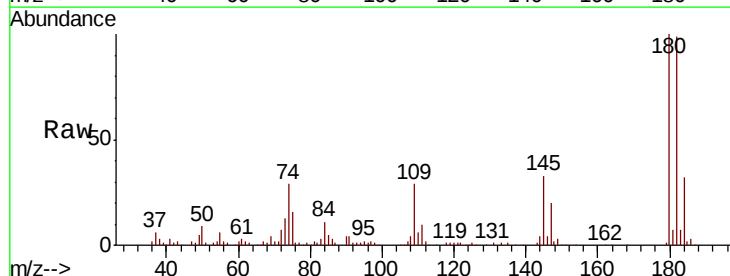
Instrument :
 BNA_F
 ClientSampleId :

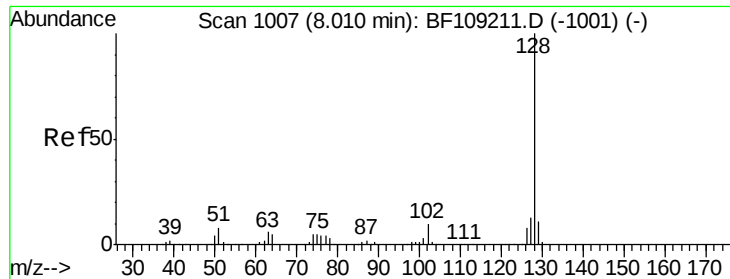
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.7	82.7
98	38.2	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 32.729 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	76.8	115.2
145	32.7	26.5	39.7

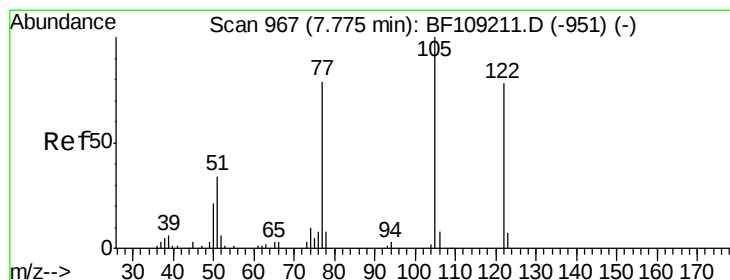
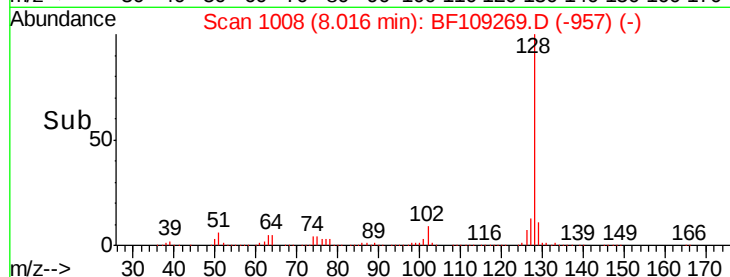
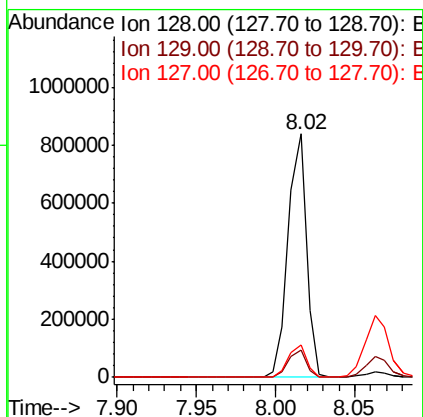
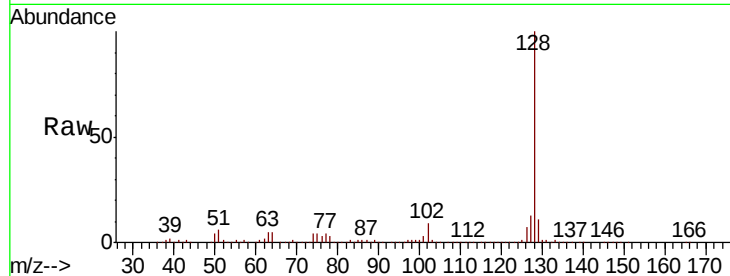




#31
Naphthalene
Concen: 35.905 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

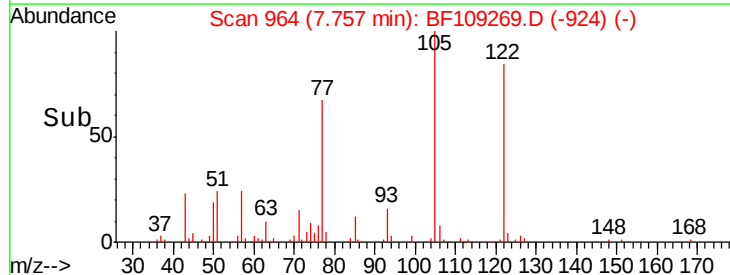
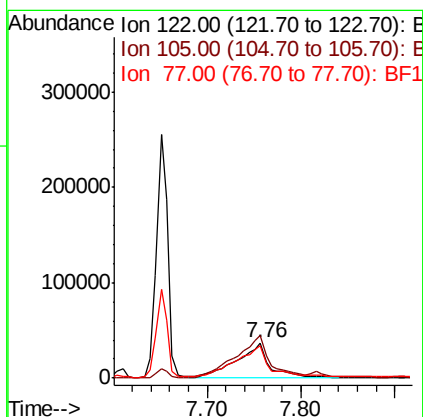
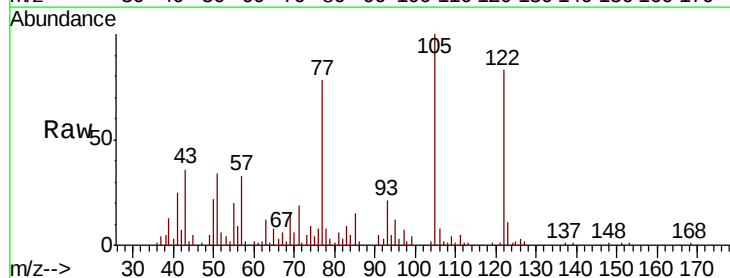
Instrument :
BNA_F
ClientSampleId :

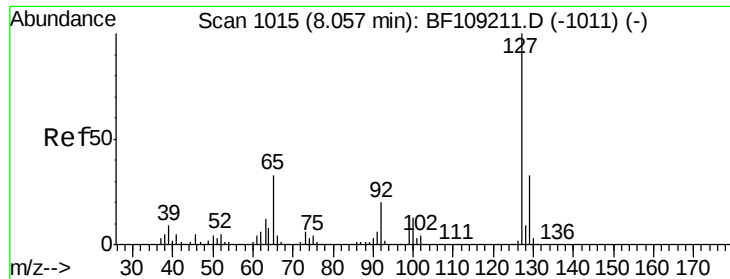
Tot Ion:128 Resp: 680155
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 27.158 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.06 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:122 Resp: 86850
Ion Ratio Lower Upper
122 100
105 120.1 101.1 141.1
77 93.1 70.7 110.7

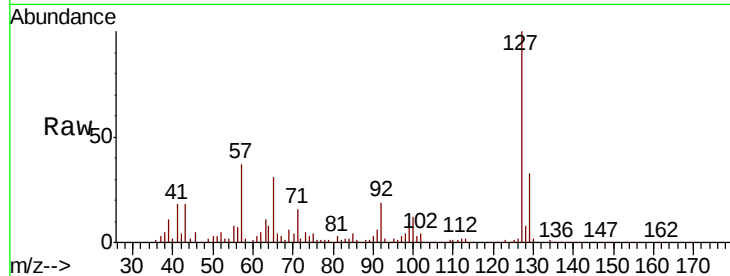




#33
4-Chloroaniline
Concen: 27.245 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	225460
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	31.5	25.0	37.4
92	18.9	15.2	22.8



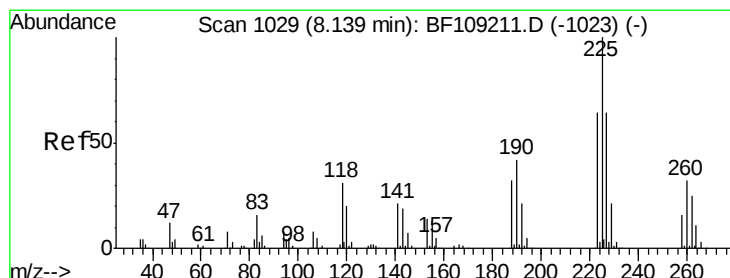
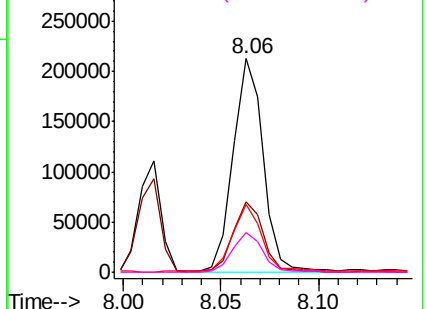
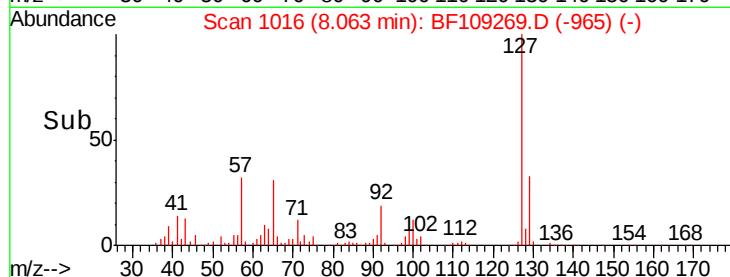
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

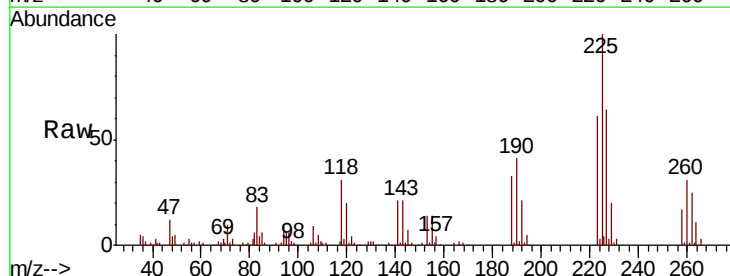
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 32.798 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:	225	Resp:	125076
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.6	76.0
227	63.7	51.9	77.9

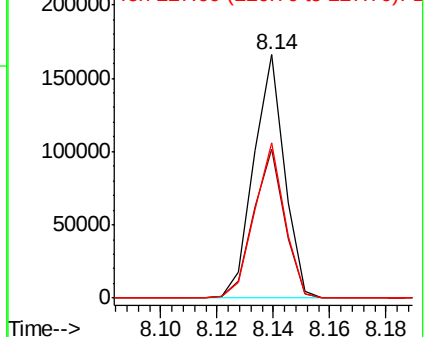
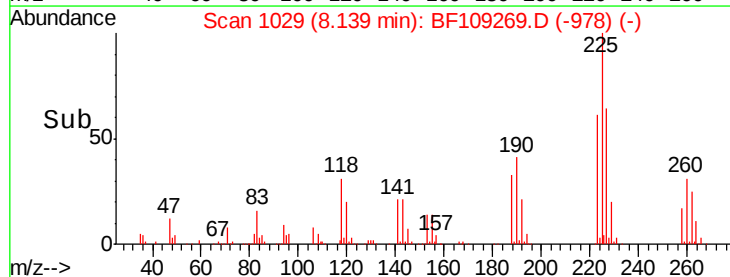


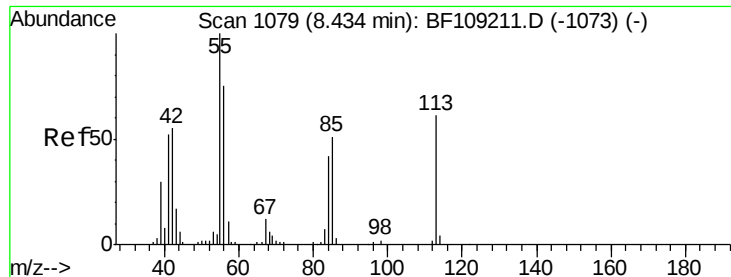
Abundance

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

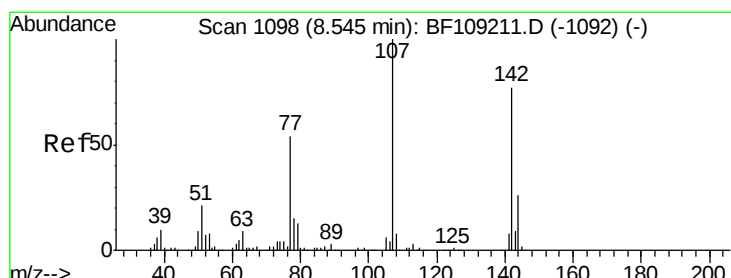
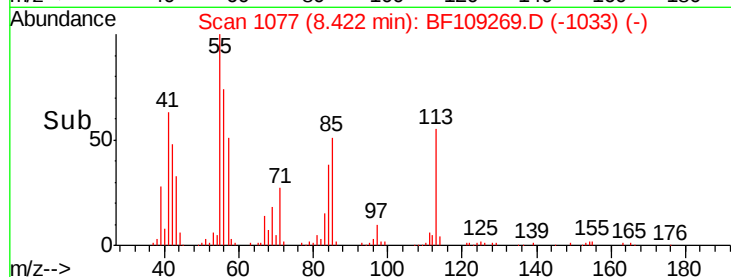
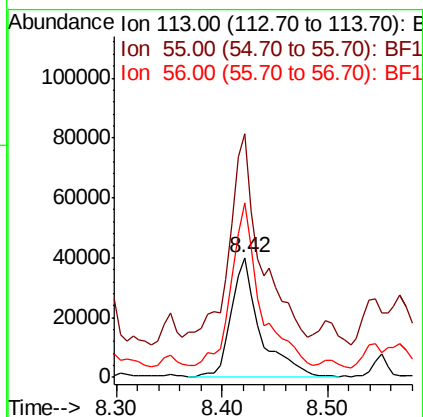
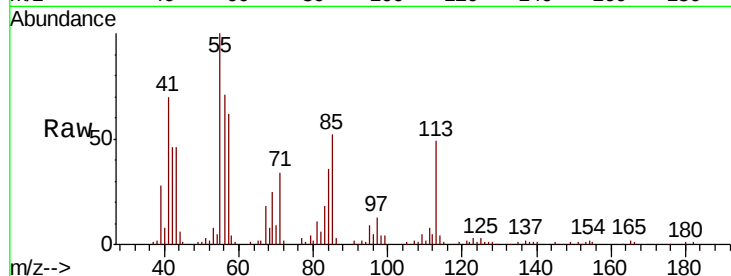




#35
 Caprolactam
 Concen: 41.949 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

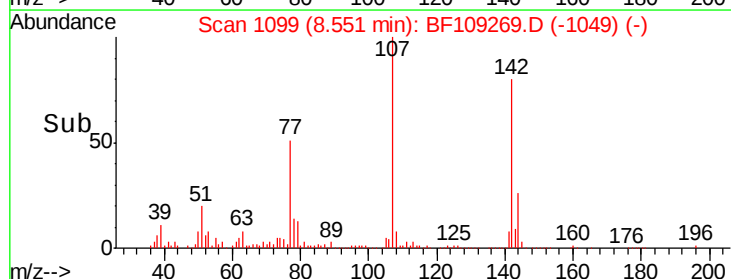
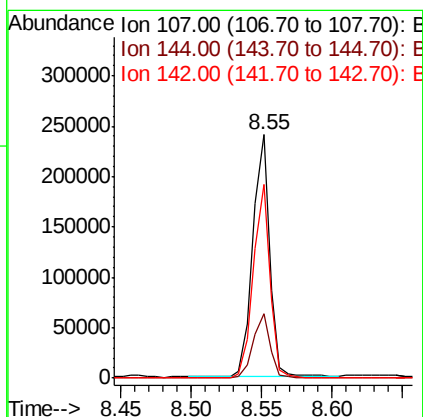
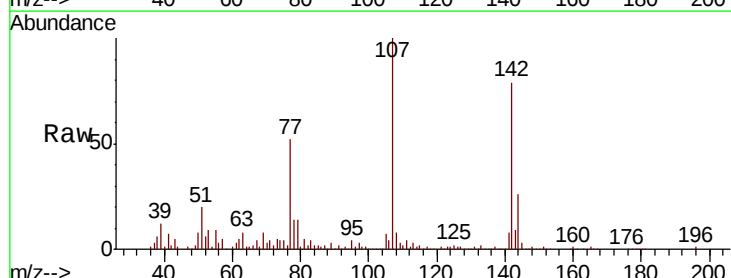
Instrument :
 BNA_F
 ClientSampled :

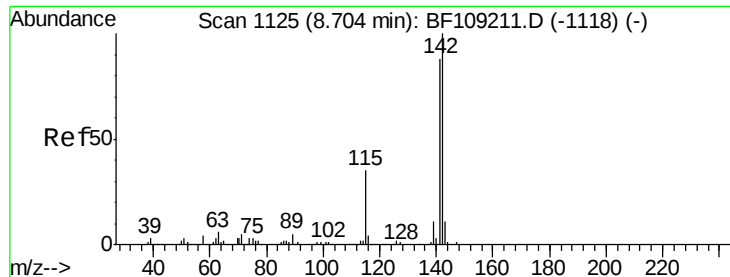
Tot Ion:113 Resp: 75818
 Ion Ratio Lower Upper
 113 100
 55 202.8 163.3 203.3
 56 144.9 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 34.248 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Tgt Ion:107 Resp: 204019
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.5 30.7
 142 79.4 62.0 93.0

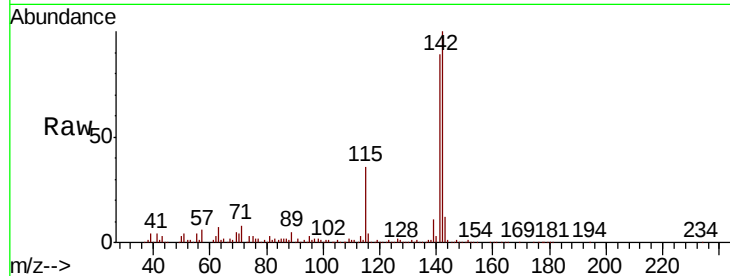




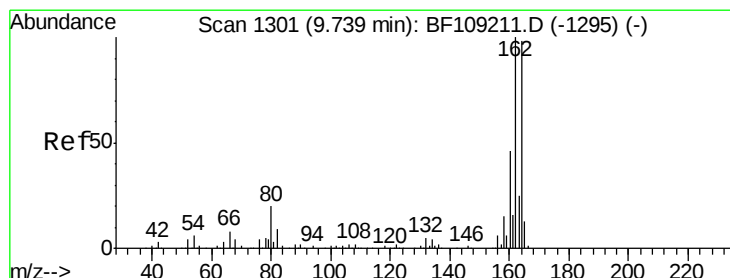
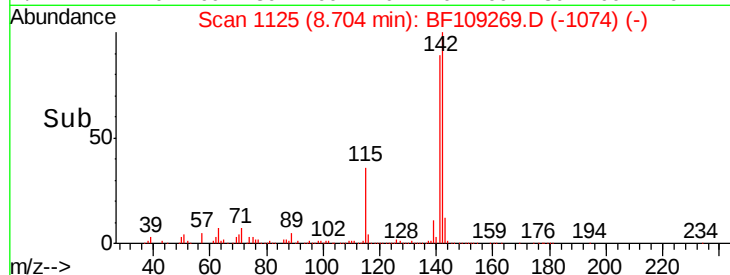
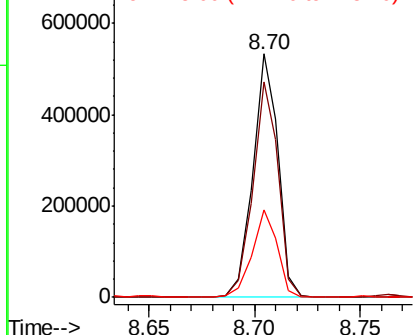
#37
2-Methylnaphthalene
Concen: 36.239 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	36.0	26.1	39.1

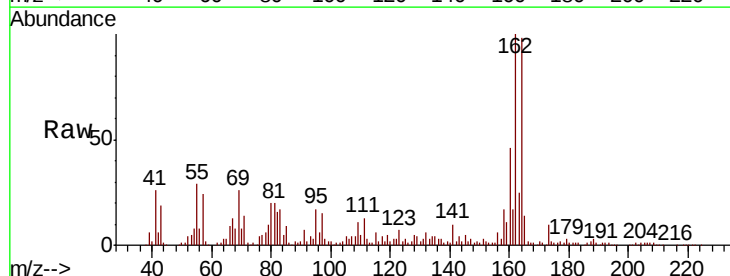


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

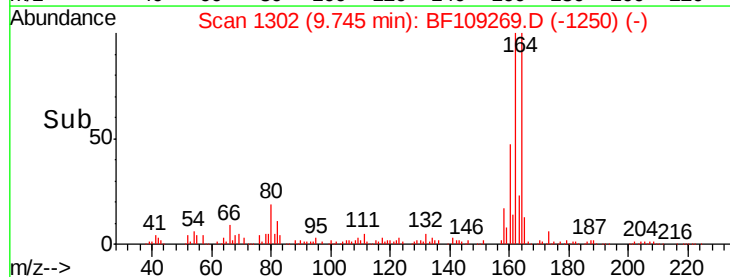
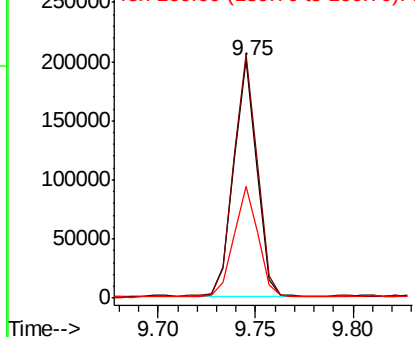


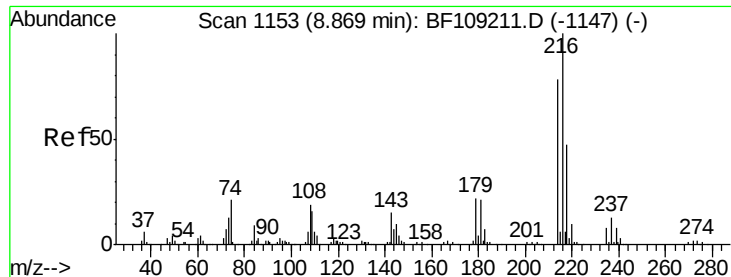
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	46.8	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: 37.951 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 199539

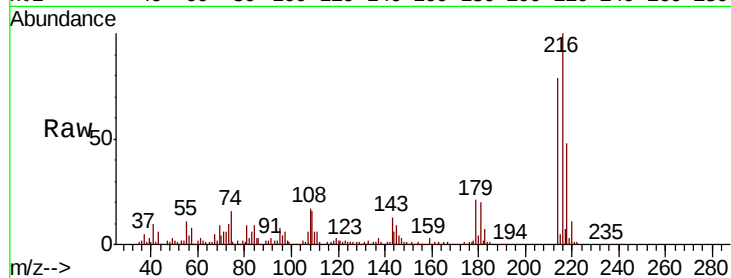
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 21.7 18.1 27.1

108 18.2 17.2 25.8

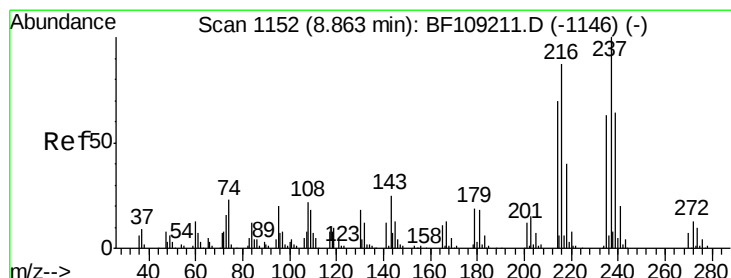
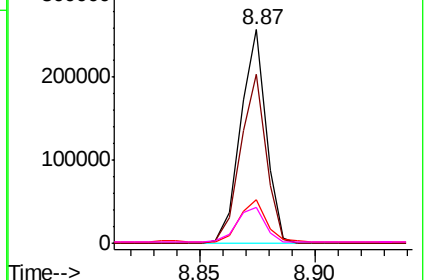
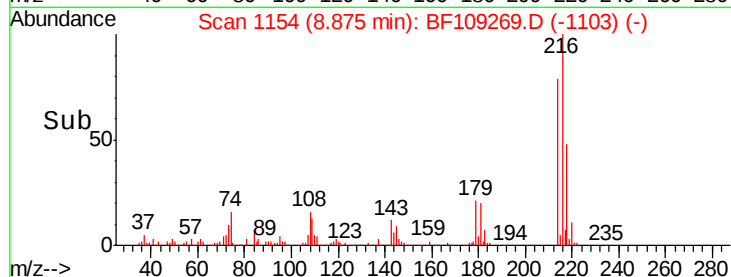


Abundance Ion 216.00 (215.70 to 216.70): E

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: 11.530 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

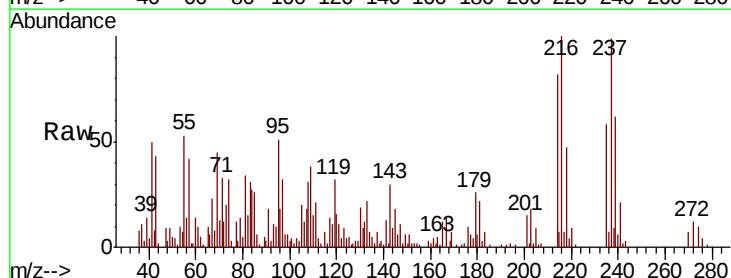
Tgt Ion:237 Resp: 26441

Ion Ratio Lower Upper

237 100

235 58.5 44.8 84.8

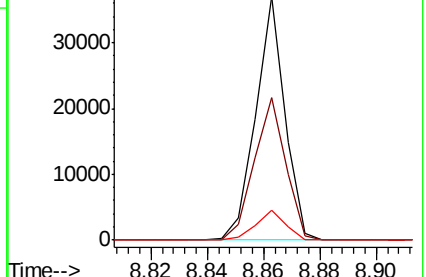
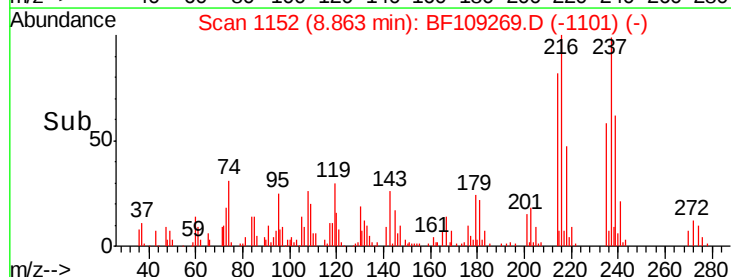
272 12.5 0.0 33.3

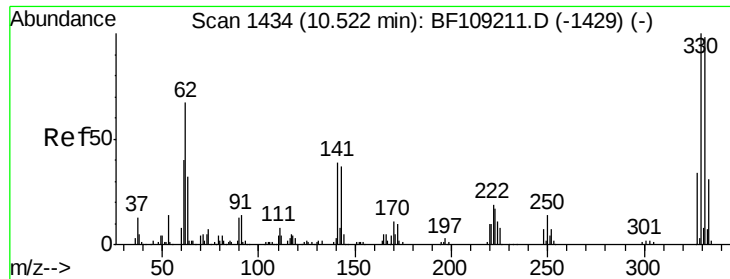


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

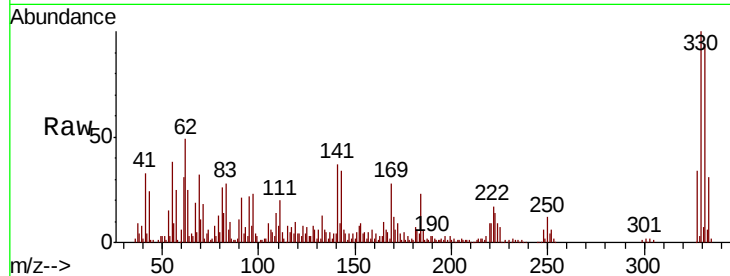




#41
 2,4,6-Tribromophenol
 Concen: 92.739 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	36.5	29.9	44.9

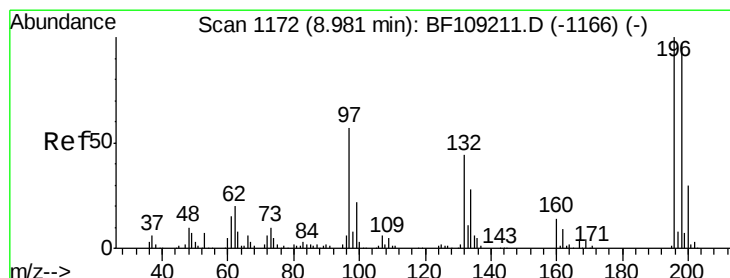
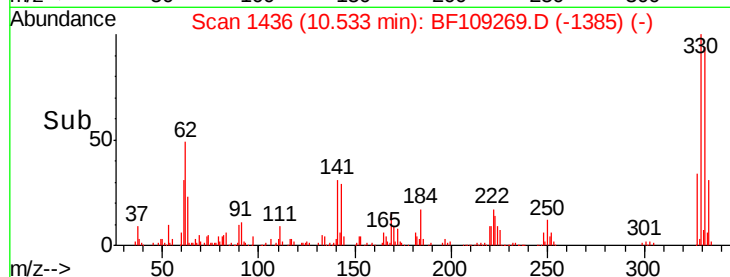
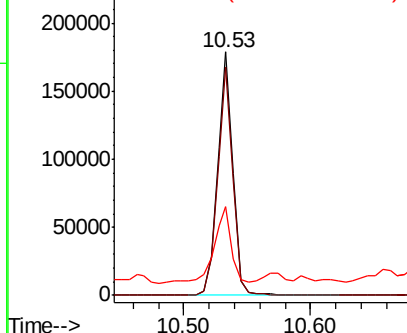


Abundance

Ion 329.80 (329.50 to 330.50): E

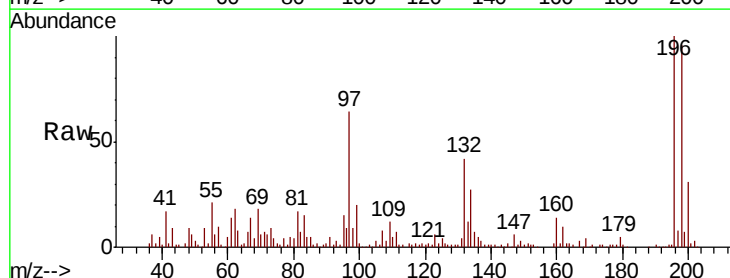
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.574 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.7	113.5
200	31.4	24.5	36.7

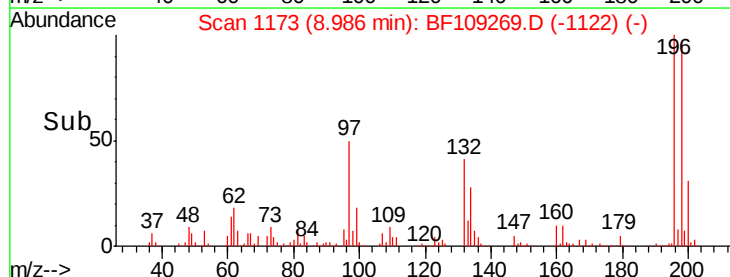
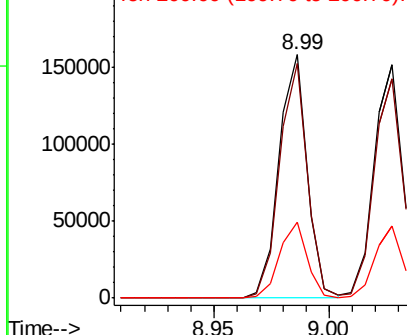


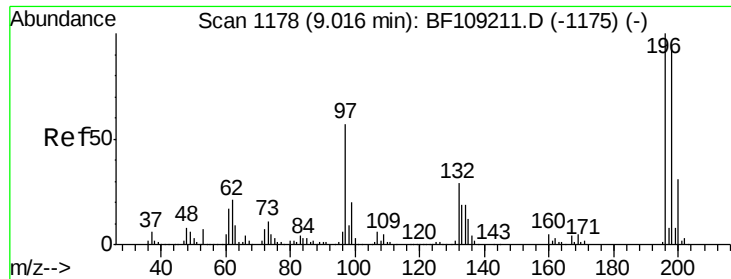
Abundance

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

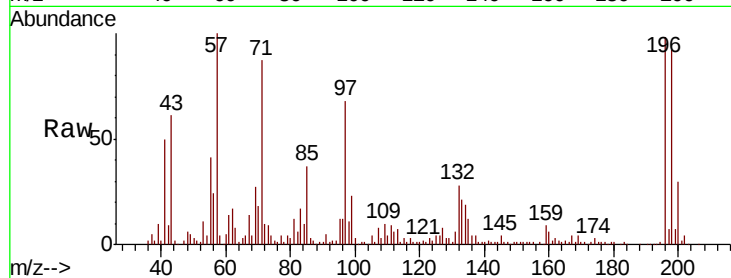




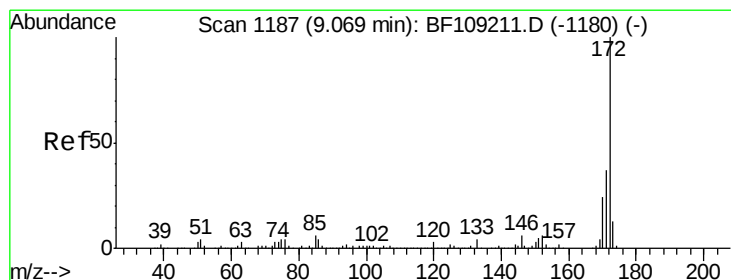
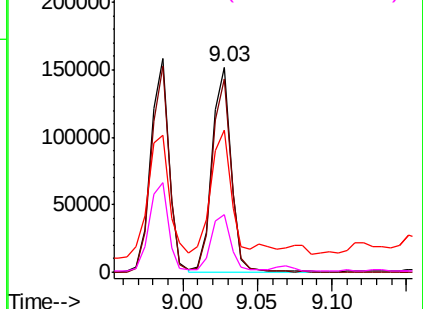
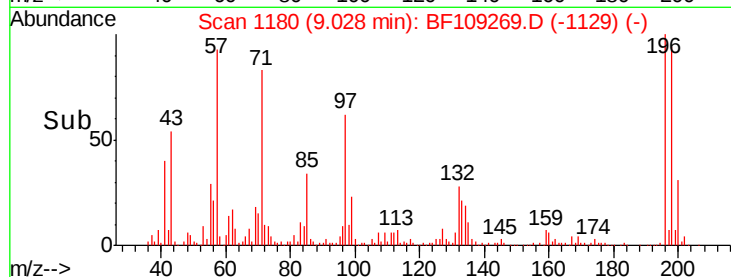
#43
 2,4,5-Trichlorophenol
 Concen: 37.704 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 134374
 Ion Ratio Lower Upper
 196 100
 198 94.0 74.6 112.0
 97 69.6 42.9 64.3#
 132 28.4 26.3 39.5

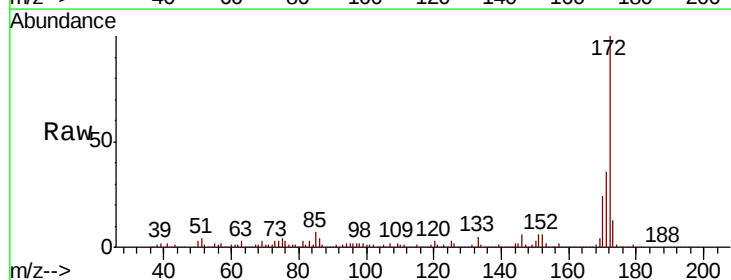


Abundance Ion 196.00 (195.70 to 196.70): E
 250000
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

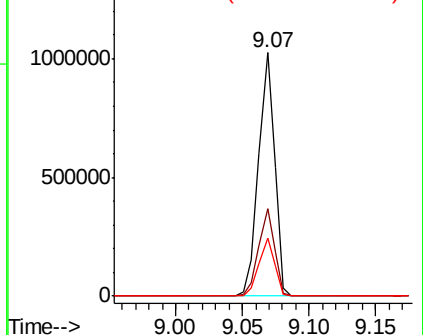
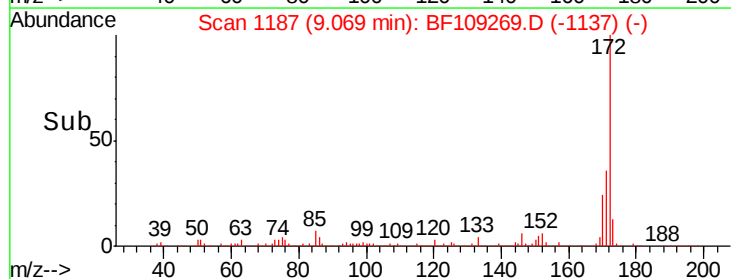


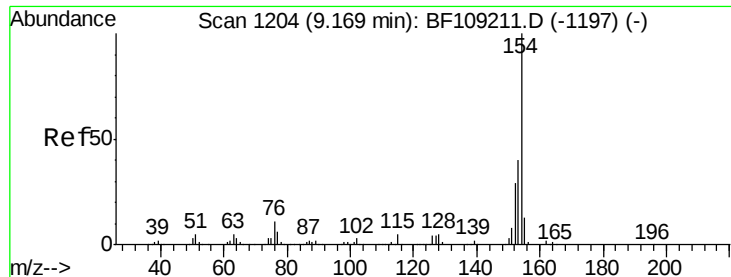
#44
 2-Fluorobiphenyl
 Concen: 76.676 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Tgt Ion:172 Resp: 839909
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.7 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 1000000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

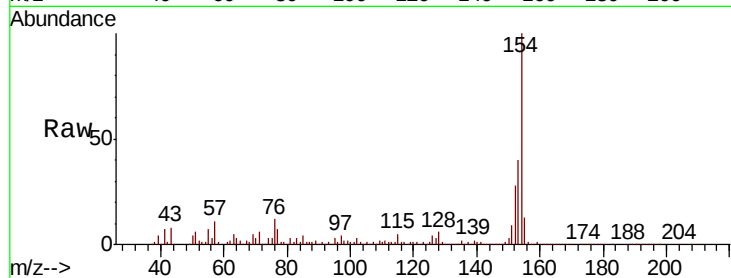




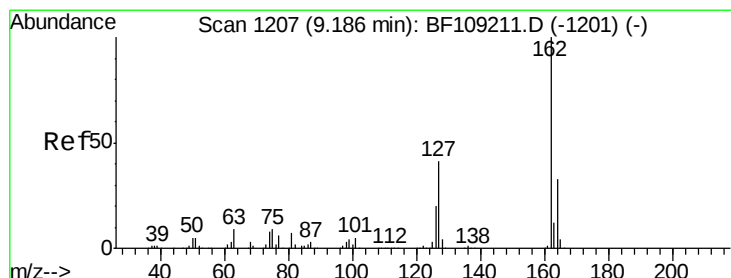
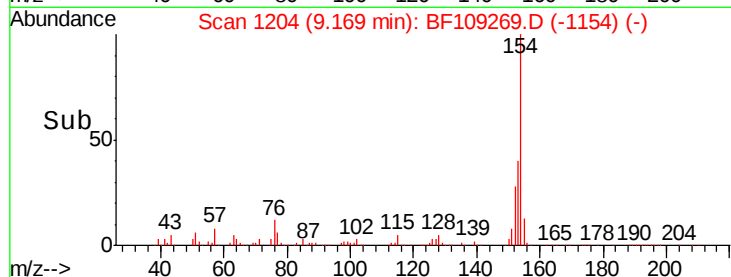
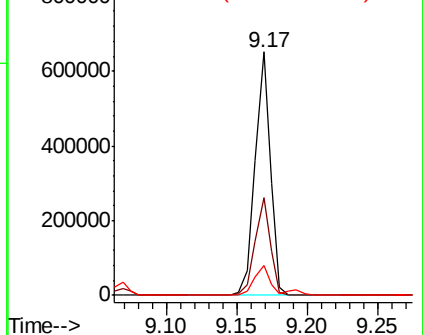
#45
 1,1'-Biphenyl
 Concen: 36.898 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.3	61.3
76	12.3	0.0	34.0

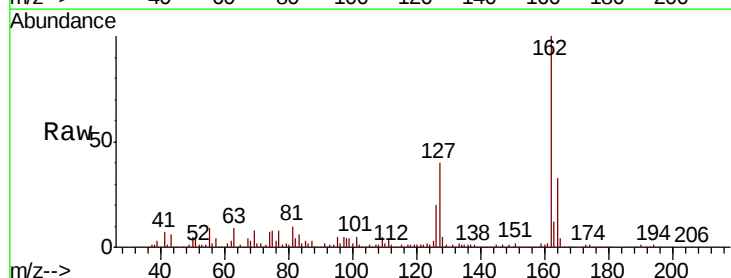


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

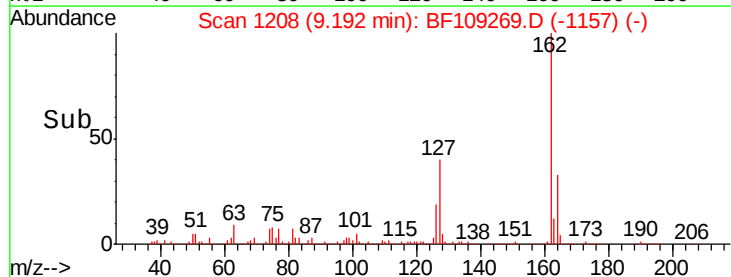
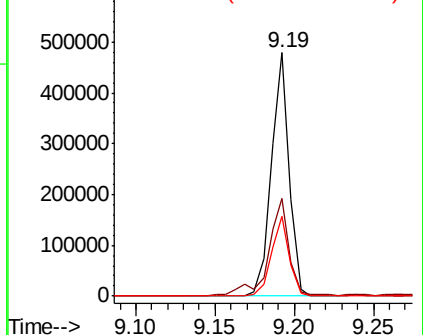


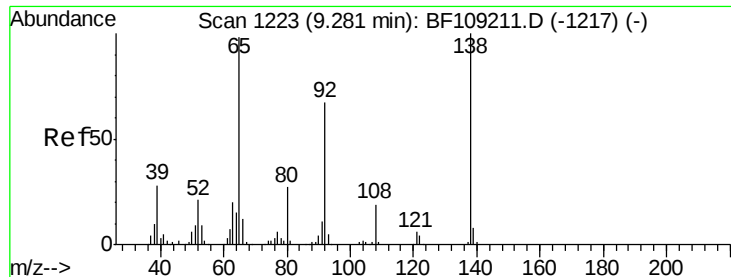
#46
 2-Chloronaphthalene
 Concen: 35.254 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.9	50.9
164	32.9	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: 38.722 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

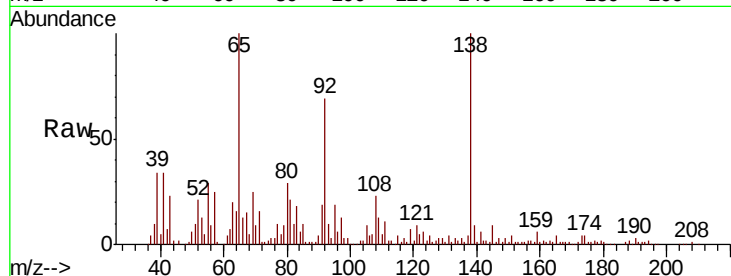
Tot Ion: 65 Resp: 118053

Ion Ratio Lower Upper

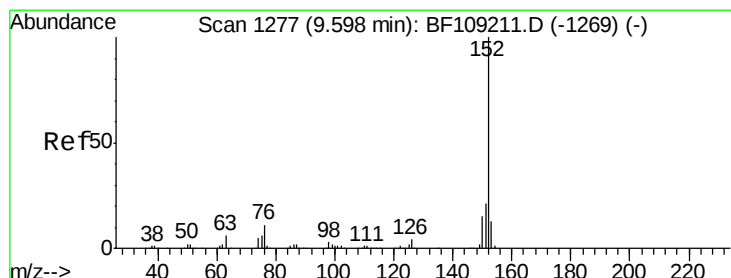
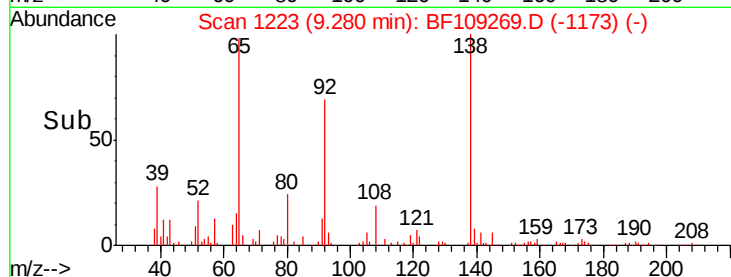
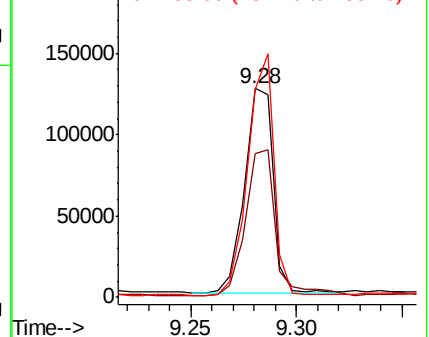
65 100

92 69.0 55.8 83.6

138 99.7 91.2 136.8



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



#48

Acenaphthylene

Concen: 36.039 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

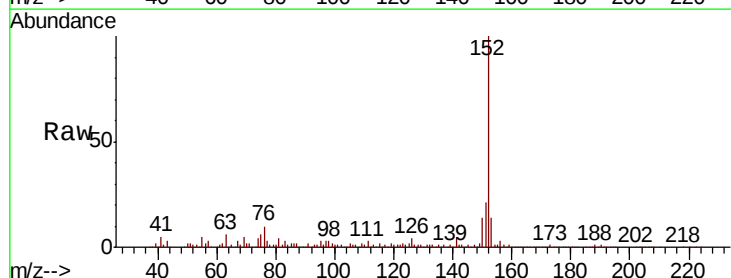
Tgt Ion: 152 Resp: 584635

Ion Ratio Lower Upper

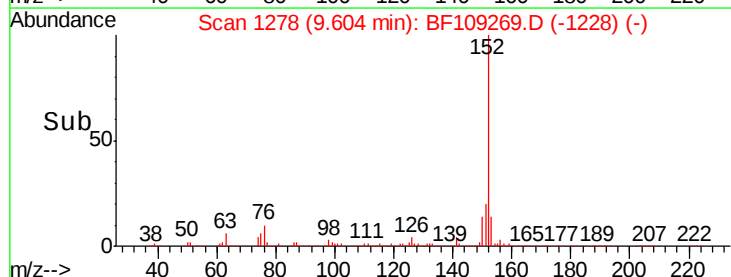
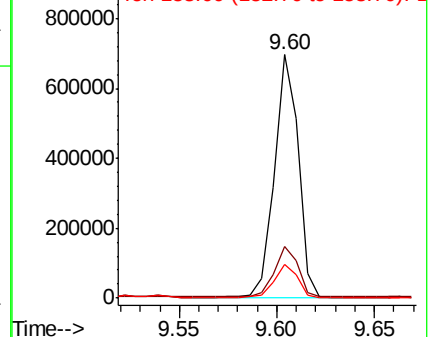
152 100

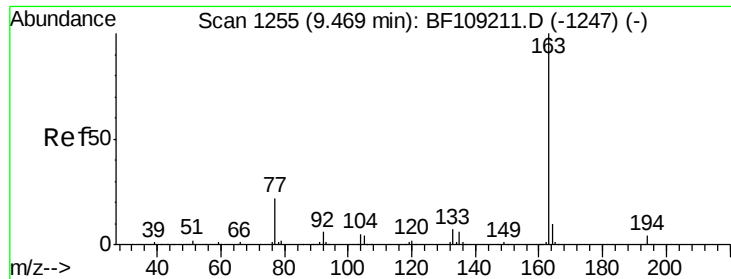
151 20.9 16.3 24.5

153 14.1 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

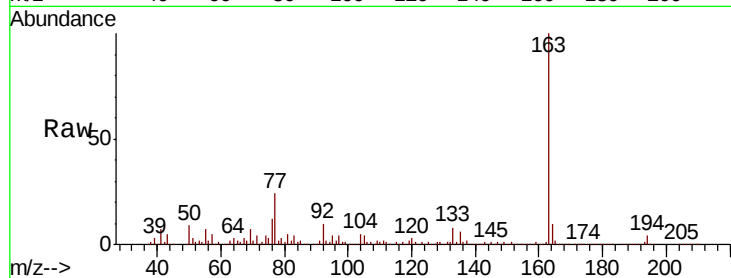




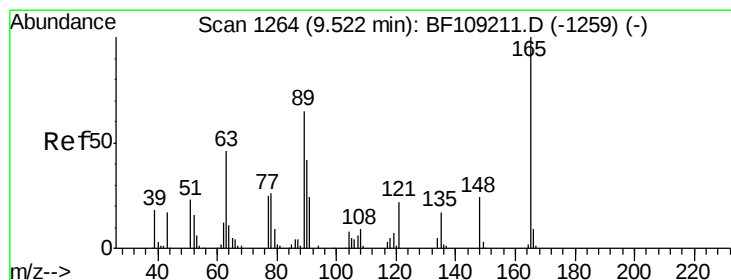
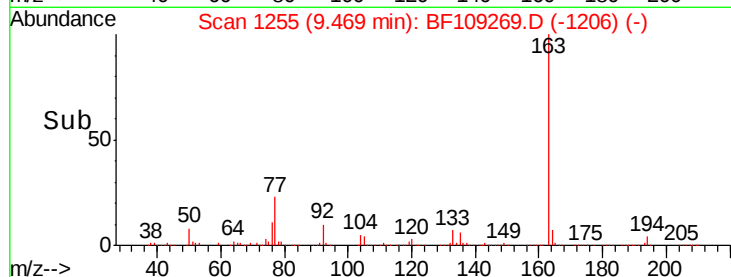
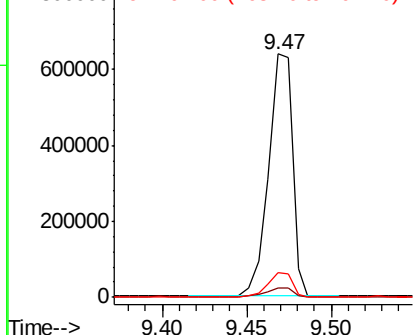
#49
Dimethylphthalate
Concen: 51.992 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 624742
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.4 8.2 12.2

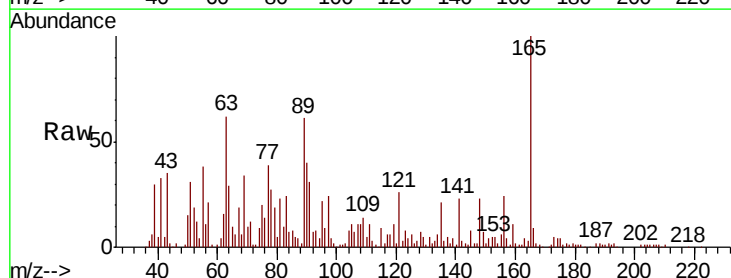


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

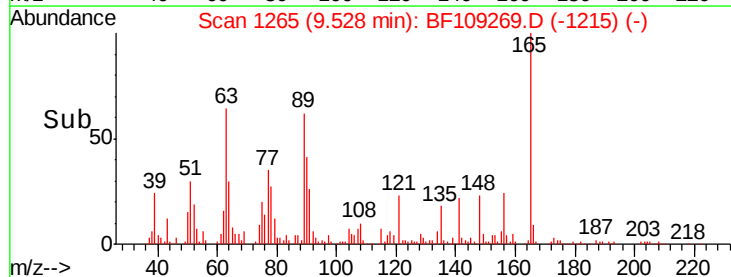
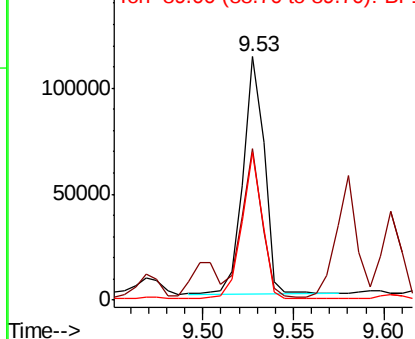


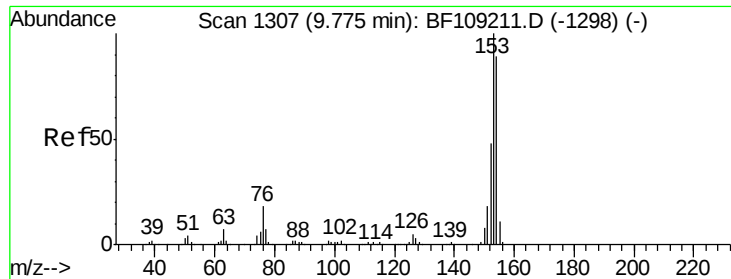
#50
2,6-Dinitrotoluene
Concen: 38.047 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:165 Resp: 90544
Ion Ratio Lower Upper
165 100
63 62.0 44.7 67.1
89 60.6 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: 33.925 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

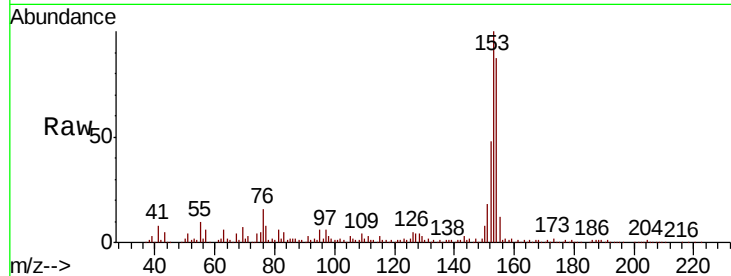
Tot Ion:154 Resp: 332736

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

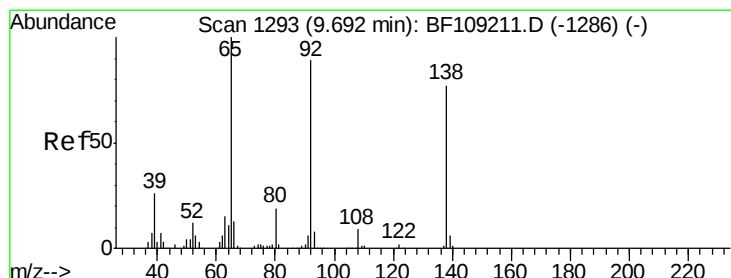
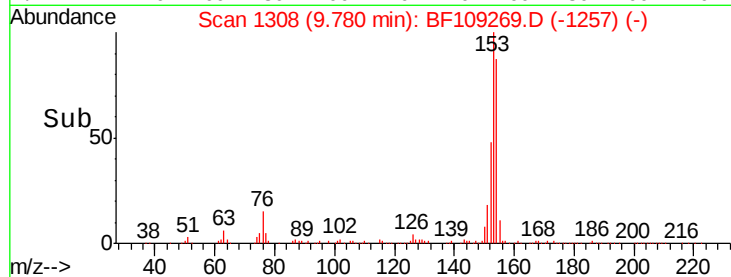
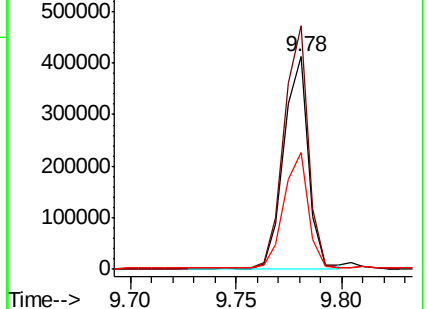
152 55.2 43.8 65.8



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: 34.013 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

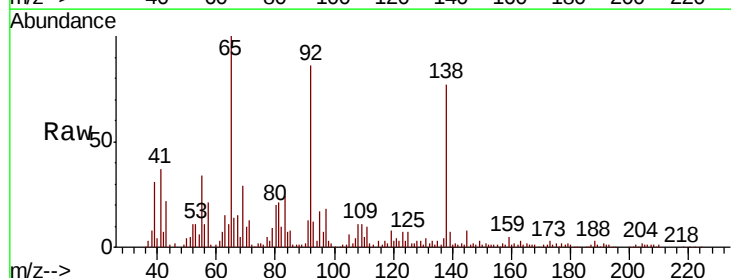
Tgt Ion:138 Resp: 93739

Ion Ratio Lower Upper

138 100

108 13.9 9.4 14.0

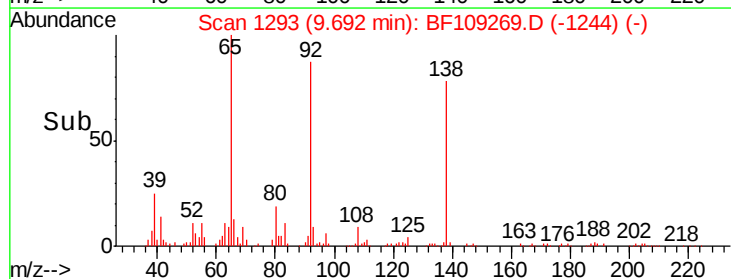
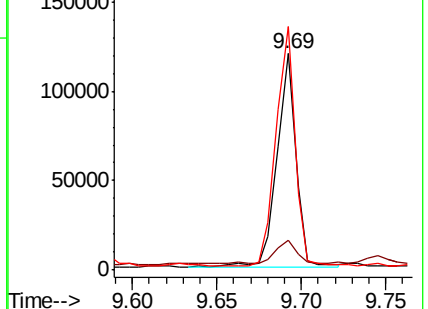
92 112.5 89.4 134.2

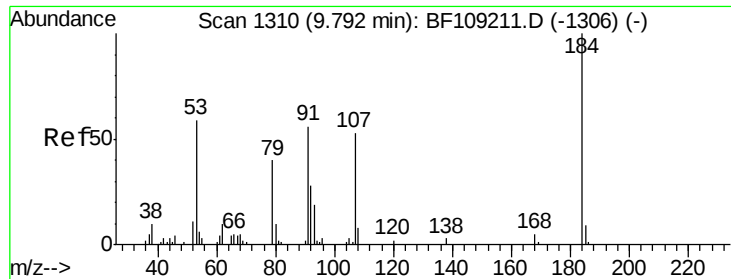


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

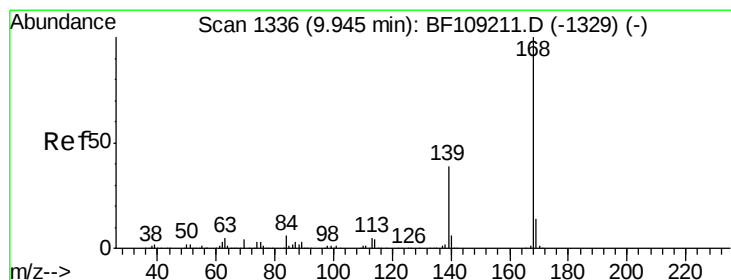
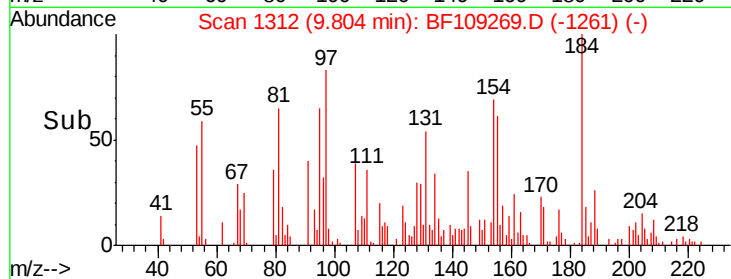
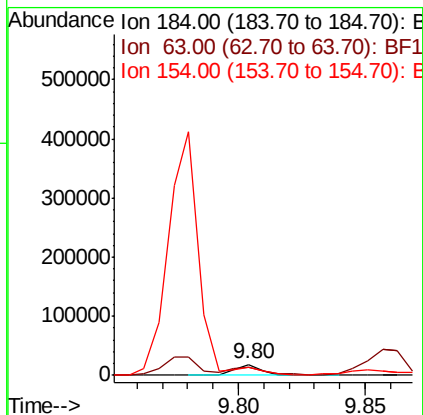
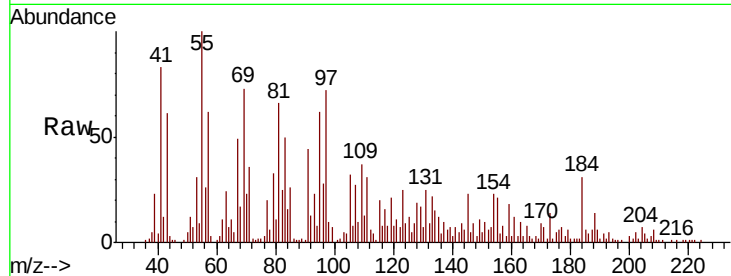




#53
2,4-Dinitrophenol
Concen: 24.105 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

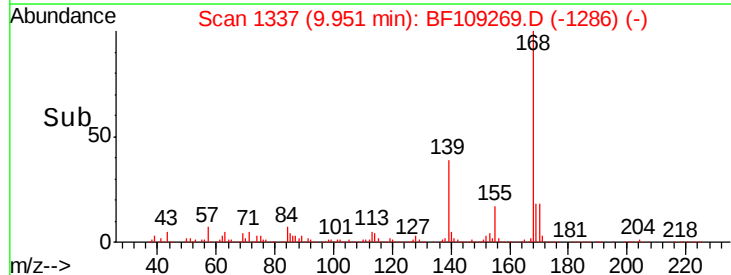
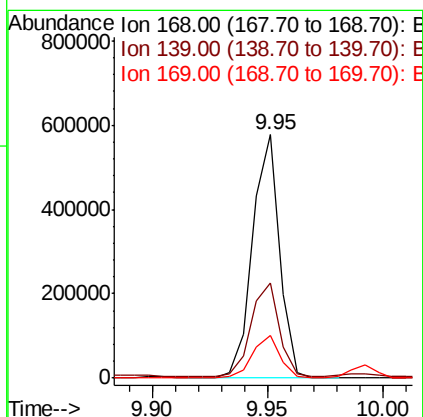
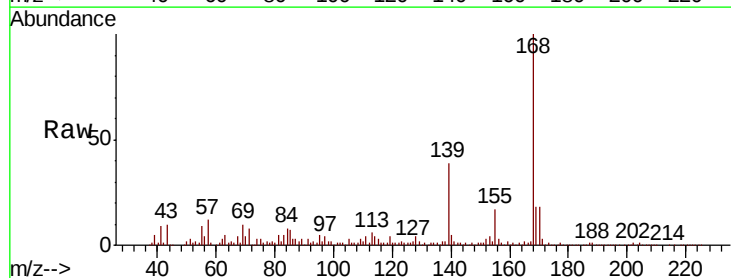
Instrument :
BNA_F
ClientSampleId :

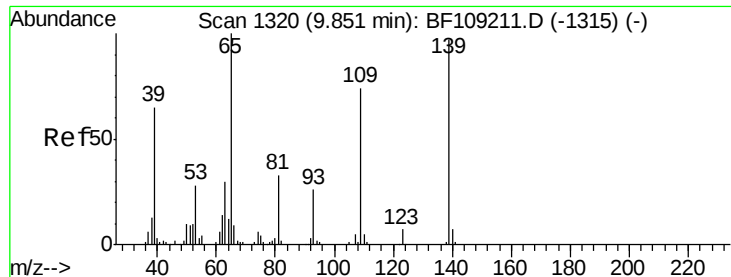
Tot Ion:184 Resp: 14733
Ion Ratio Lower Upper
184 100
63 77.6 54.2 81.2
154 74.7 184.0 276.0#



#54
Dibenzofuran
Concen: 32.289 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:168 Resp: 470968
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 17.6 10.9 16.3#

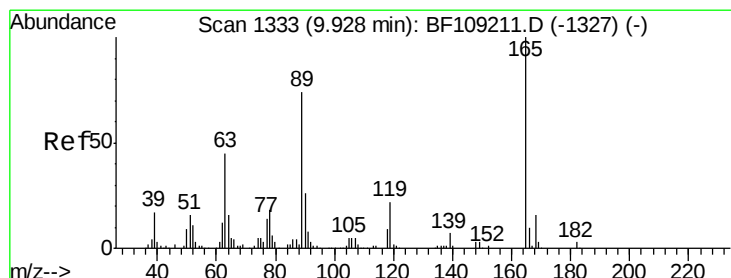
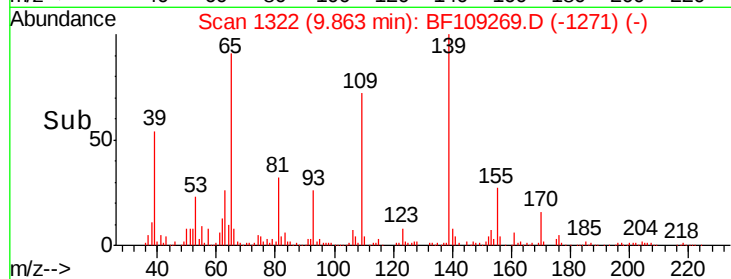
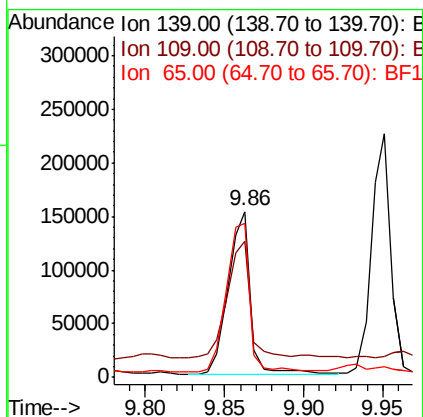
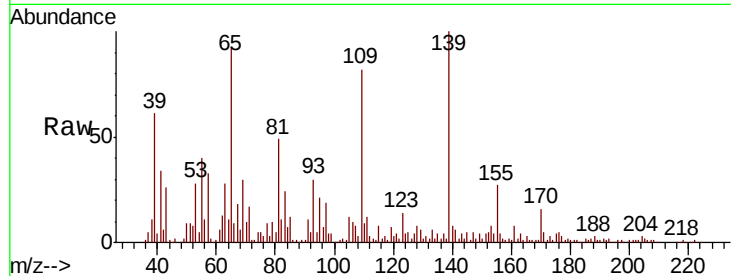




#55
4-Nitrophenol
Concen: 70.275 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

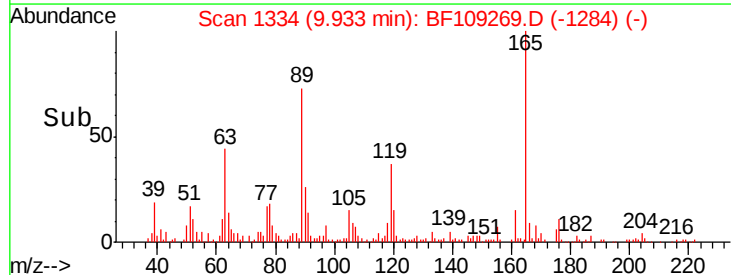
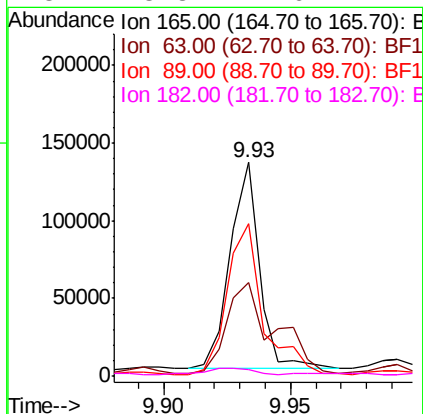
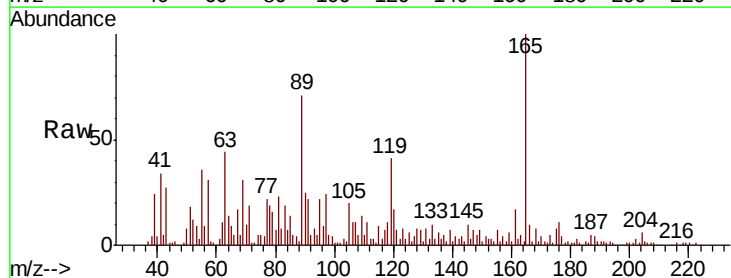
Instrument :
BNA_F
ClientSampleId :

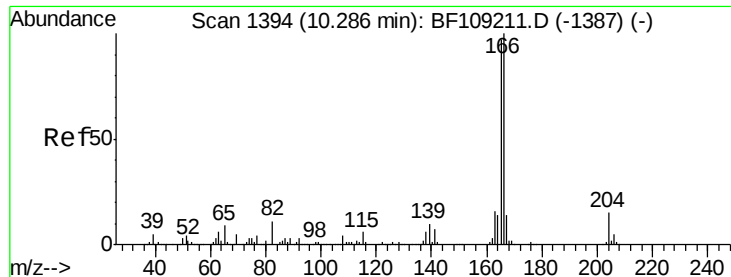
Tot Ion:139 Resp: 145901
Ion Ratio Lower Upper
139 100
109 82.1 48.4 88.4
65 92.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 35.718 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:165 Resp: 107552
Ion Ratio Lower Upper
165 100
63 44.0 36.4 54.6
89 71.2 57.8 86.6
182 3.3 1.6 2.4#





#57

Fluorene

Concen: 34.388 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampled :

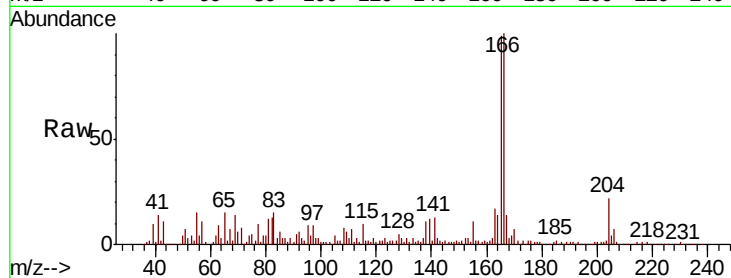
Tot Ion:166 Resp: 357885

Ion Ratio Lower Upper

166 100

165 98.8 79.8 119.8

167 14.3 10.6 16.0

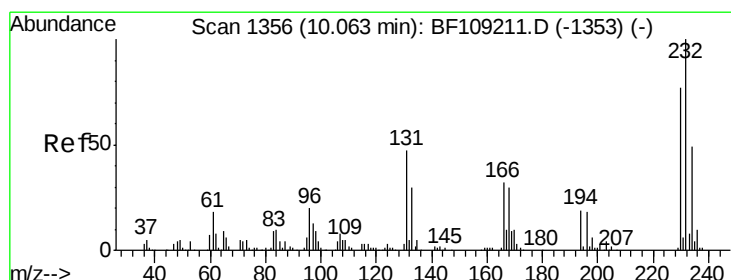
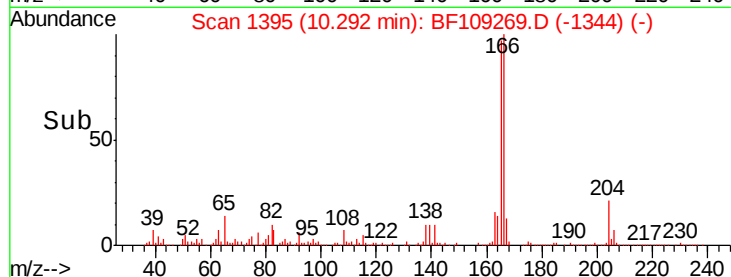
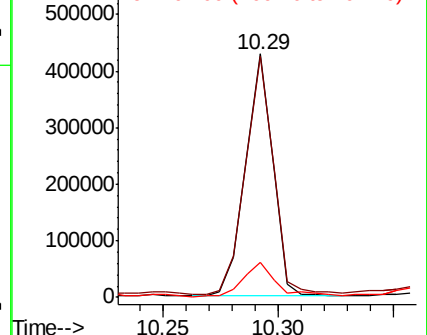


Abundance

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: 32.499 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Tgt Ion:232 Resp: 91708

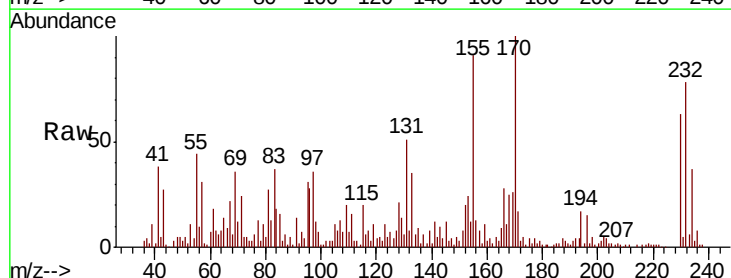
Ion Ratio Lower Upper

232 100

131 54.4 43.8 65.8

130 7.6 2.1 3.1#

166 32.6 27.8 41.6



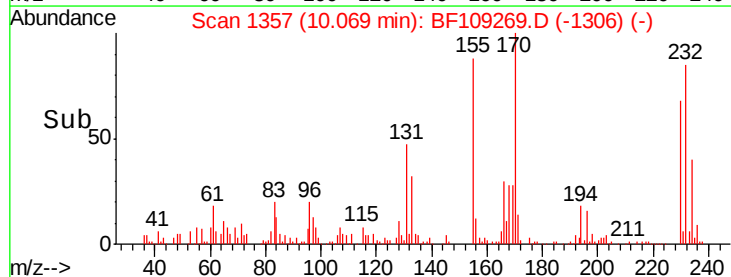
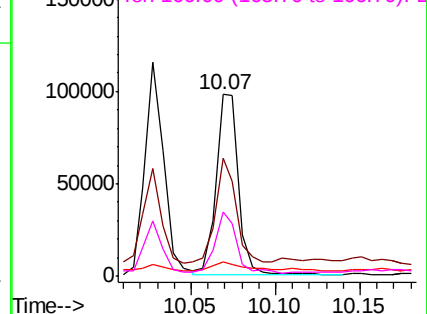
Abundance

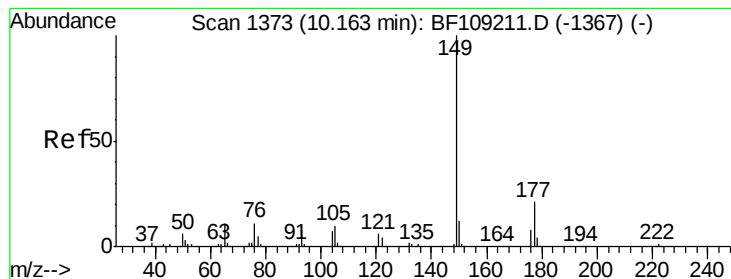
Ion 232.00 (231.70 to 232.70): E

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: 32.631 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

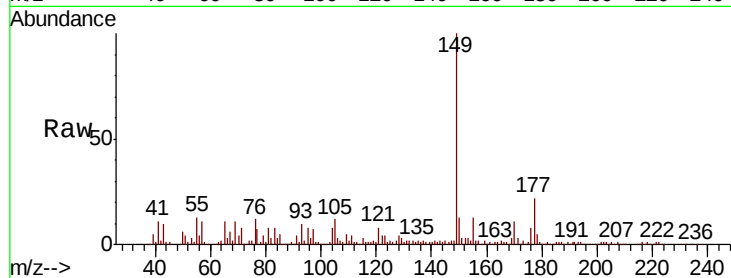
Tot Ion:149 Resp: 397059

Ion Ratio Lower Upper

149 100

177 21.8 16.1 24.1

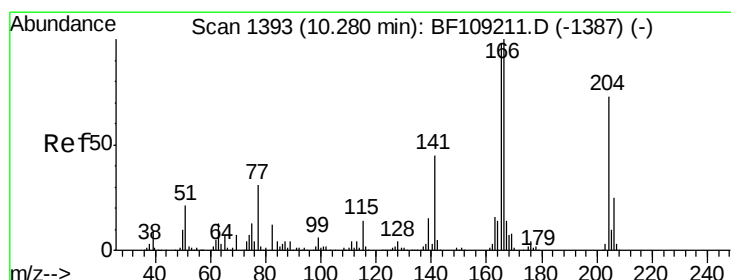
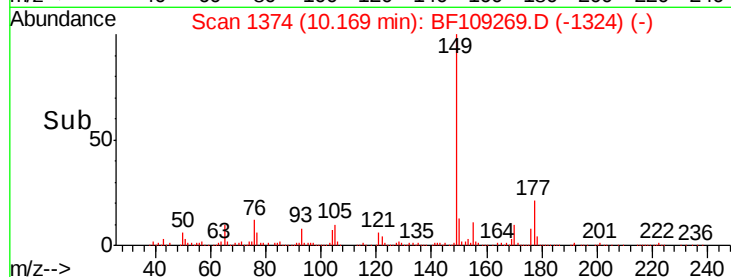
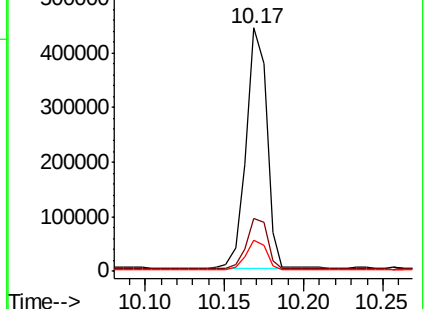
150 12.9 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 30.819 ng

RT: 10.29 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

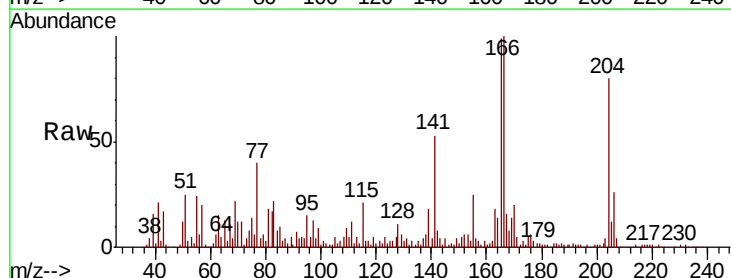
Tgt Ion:204 Resp: 167527

Ion Ratio Lower Upper

204 100

206 32.5 26.5 39.7

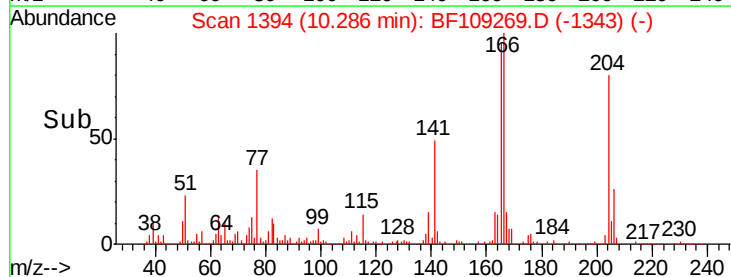
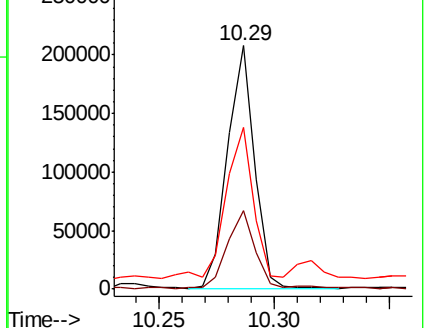
141 66.2 54.6 81.8

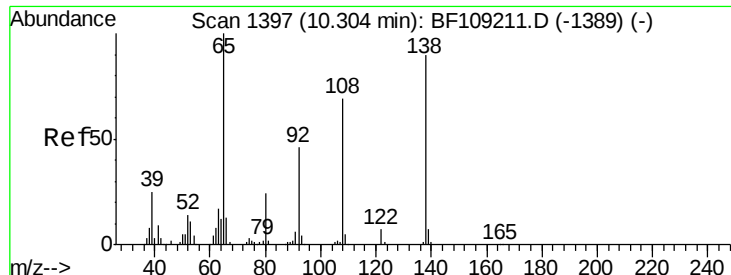


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

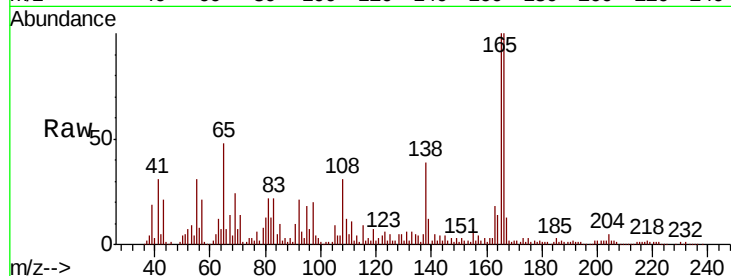




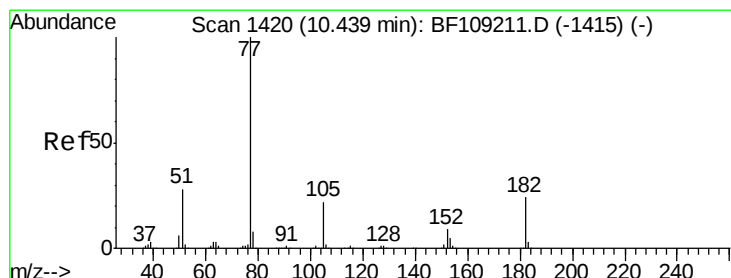
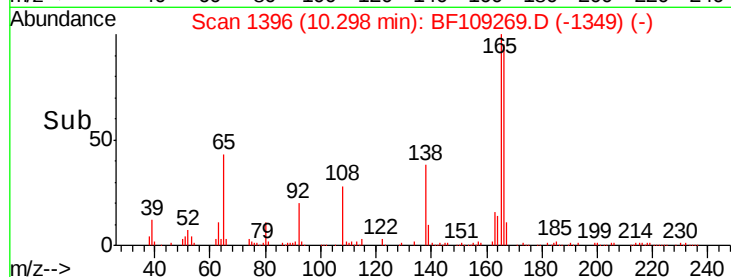
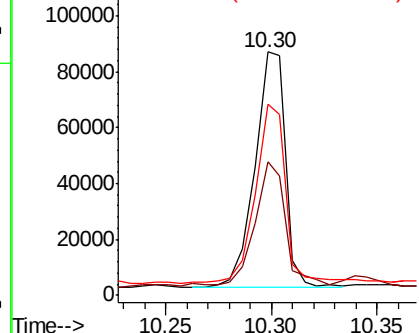
#61
4-Nitroaniline
Concen: 31.829 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 85548
Ion Ratio Lower Upper
138 100
92 54.7 30.2 70.2
108 78.5 52.5 92.5

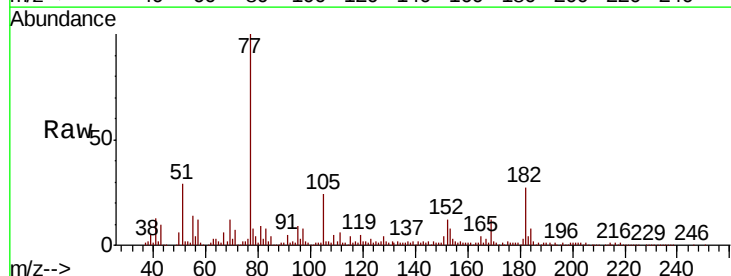


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

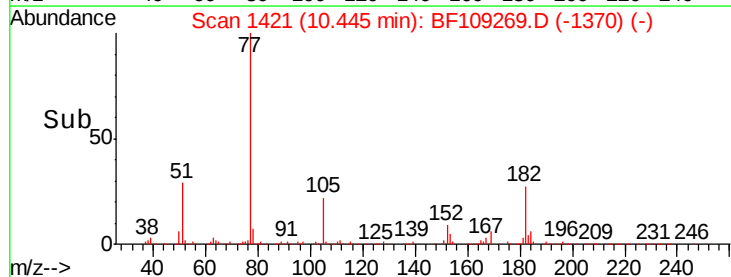
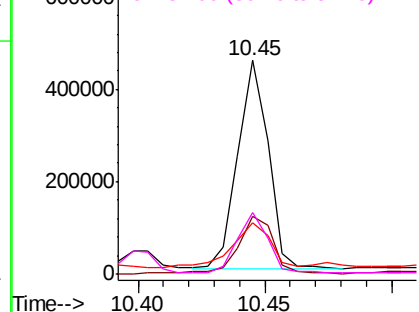


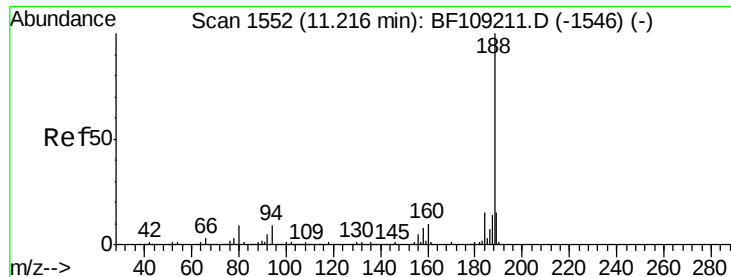
#62
Azobenzene
Concen: 29.715 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion: 77 Resp: 375663
Ion Ratio Lower Upper
77 100
182 26.7 1.7 41.7
105 24.1 3.0 43.0
51 28.7 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

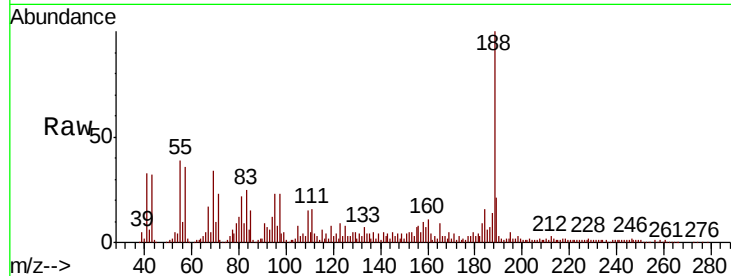




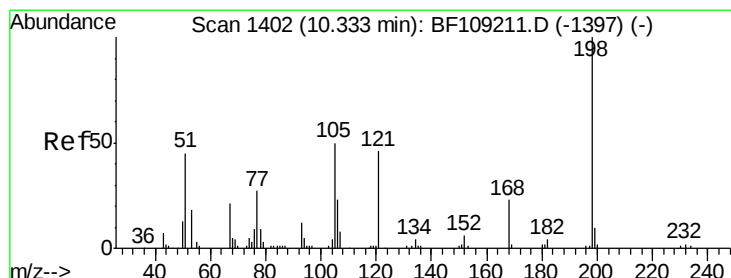
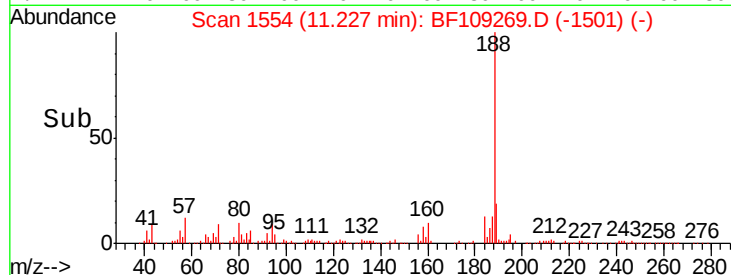
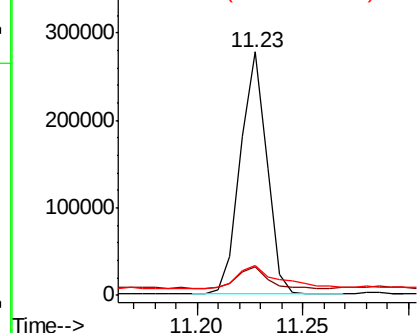
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 236421
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.4 9.2 13.8

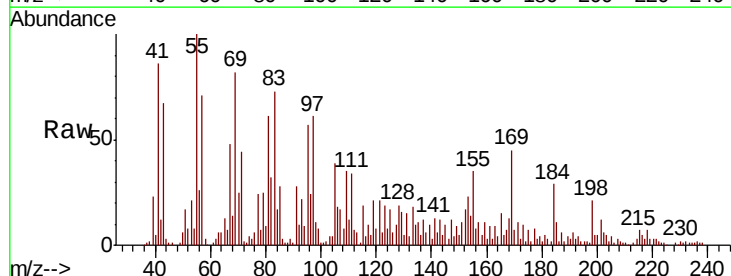


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

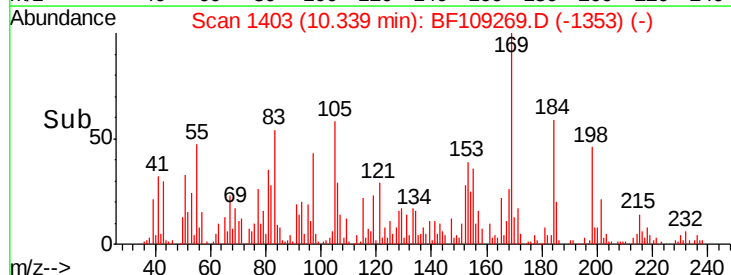
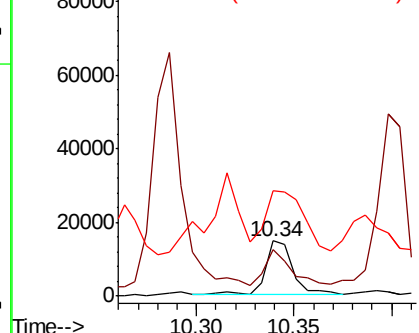


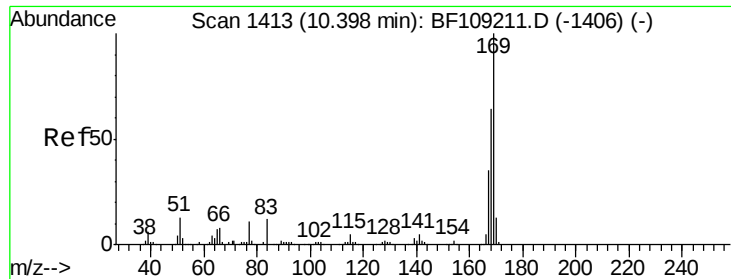
#64
4,6-Dinitro-2-methylphenol
Concen: 19.542 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:198 Resp: 14259
Ion Ratio Lower Upper
198 100
51 83.3 37.7 77.7#
105 190.8 36.3 76.3#



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

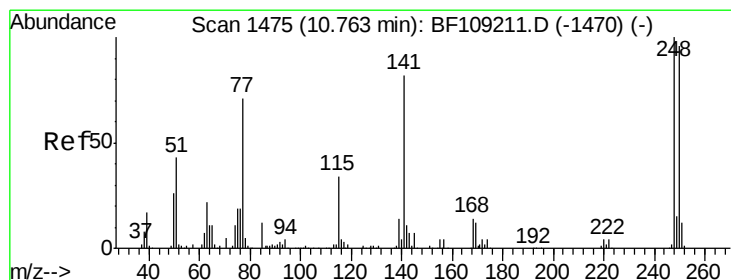
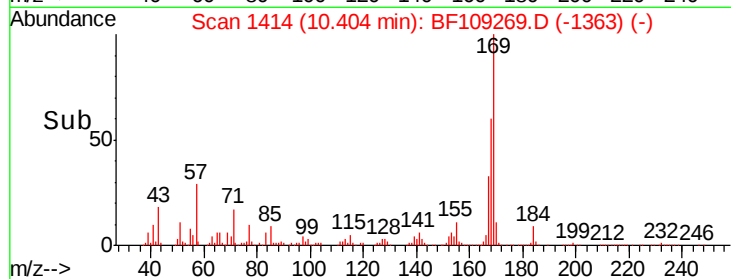
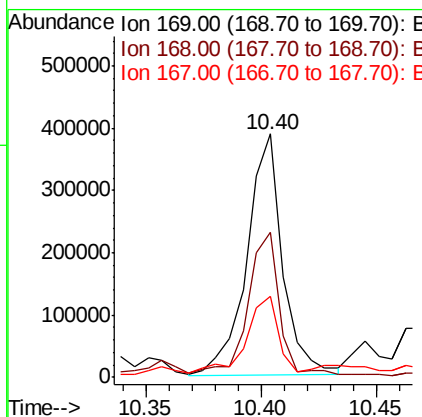
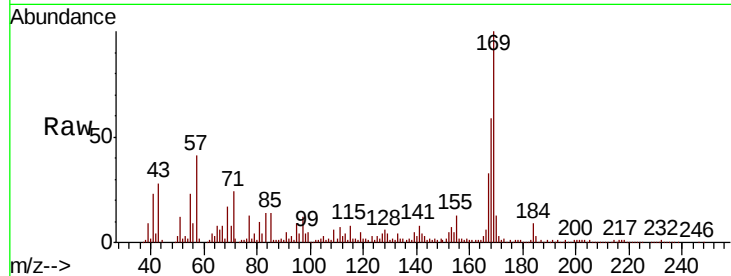




#65
 n-Nitrosodiphenylamine
 Concen: 53.901 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

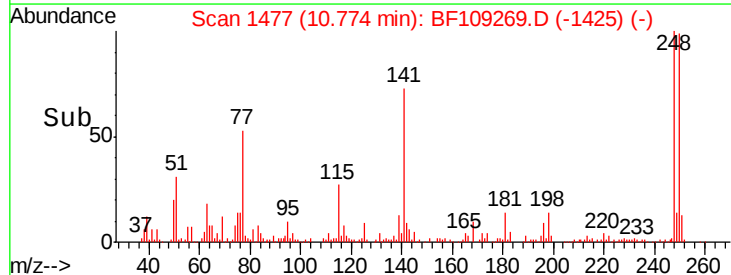
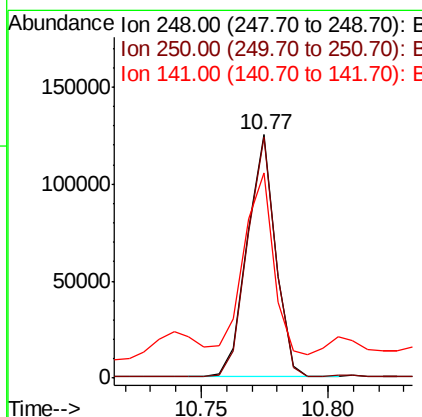
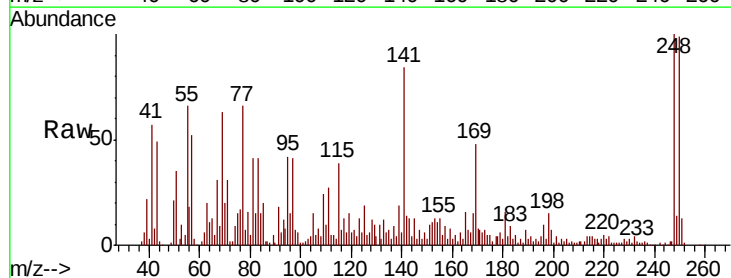
Instrument :
 BNA_F
 ClientSampled :

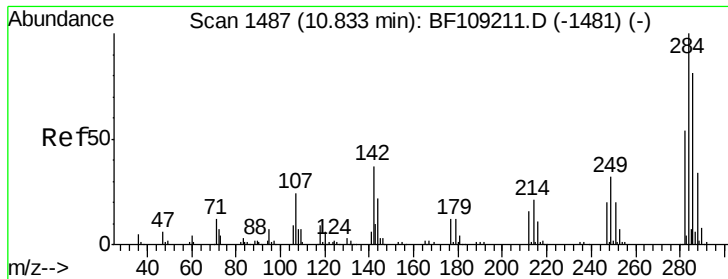
Tot Ion:169 Resp: 421032
 Ion Ratio Lower Upper
 169 100
 168 59.4 54.4 81.6
 167 33.4 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 36.953 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. 0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Tgt Ion:248 Resp: 97015
 Ion Ratio Lower Upper
 248 100
 250 99.3 76.9 115.3
 141 84.3 74.4 111.6

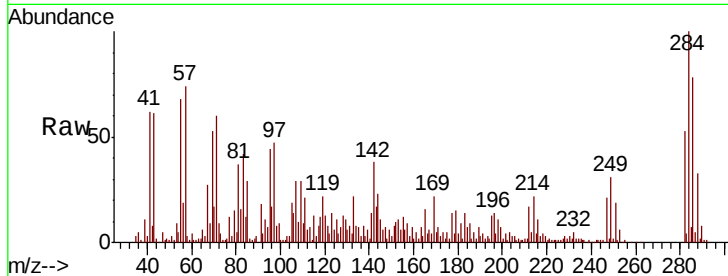




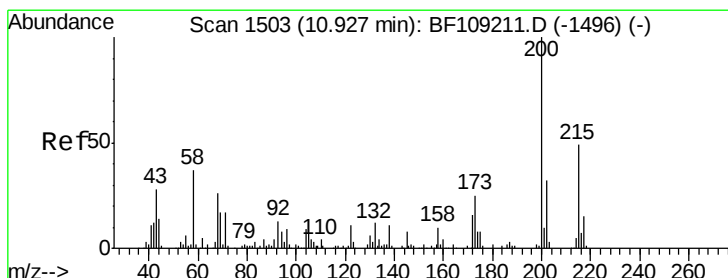
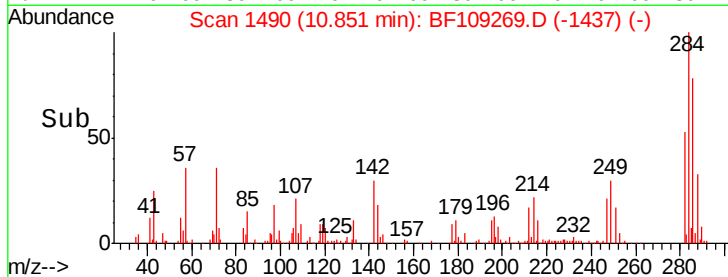
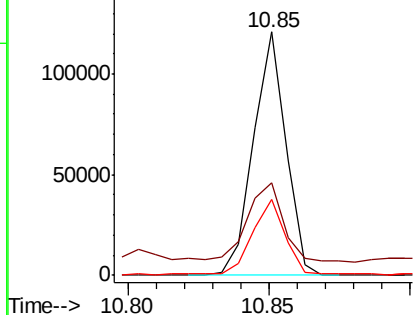
#67
Hexachlorobenzene
Concen: 34.530 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 96280
Ion Ratio Lower Upper
284 100
142 38.3 34.6 52.0
249 31.1 24.8 37.2

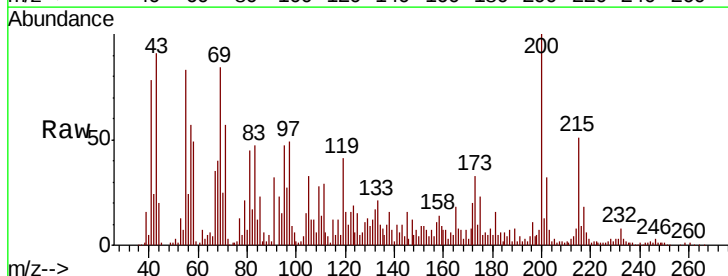


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

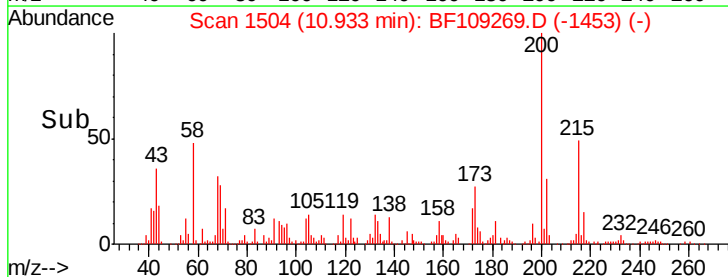
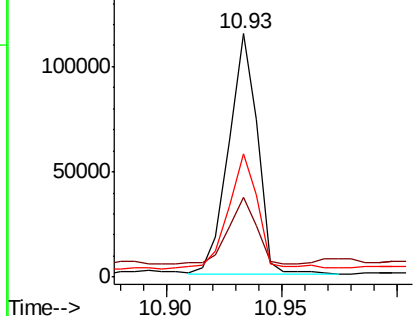


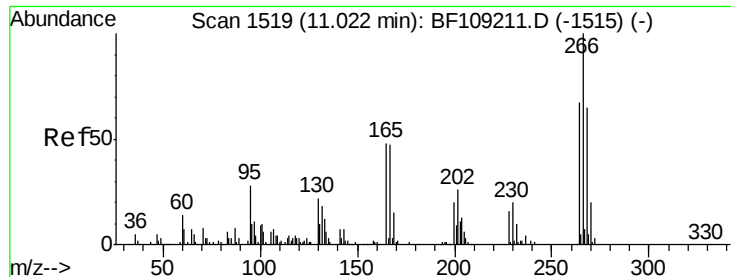
#68
Atrazine
Concen: 41.273 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:200 Resp: 99152
Ion Ratio Lower Upper
200 100
173 32.9 8.6 48.6
215 50.7 25.1 65.1



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

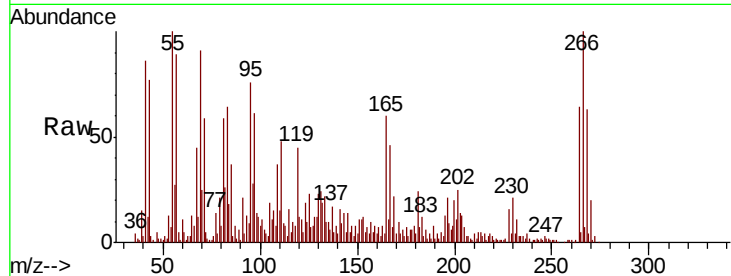




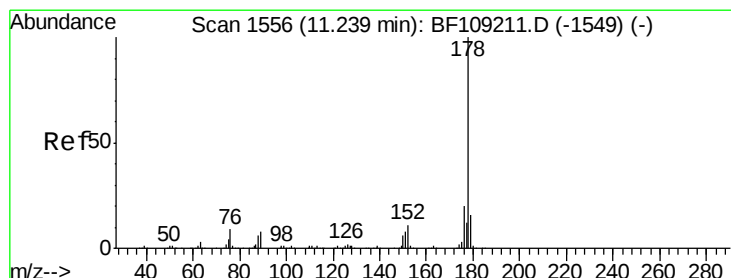
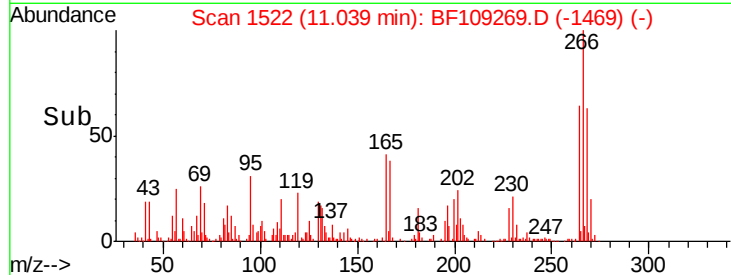
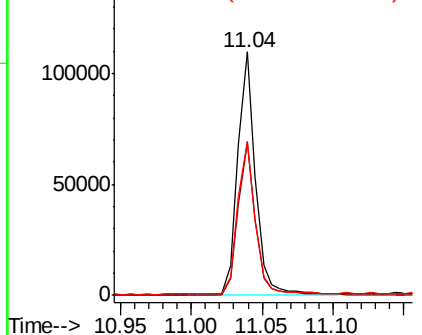
#69
 Pentachlorophenol
 Concen: 58.511 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 97645
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 63.5 49.5 74.3

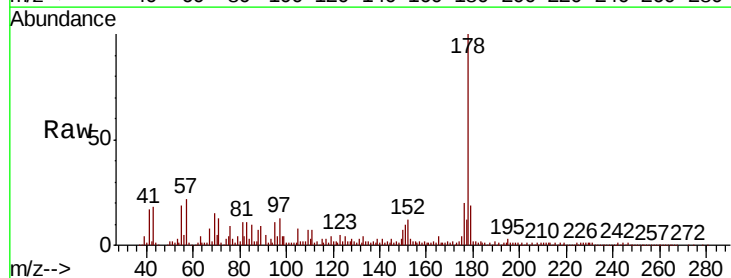


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

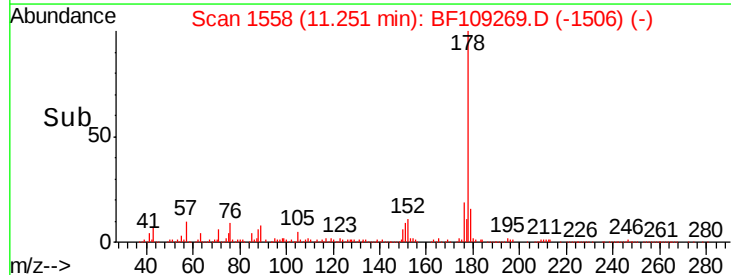
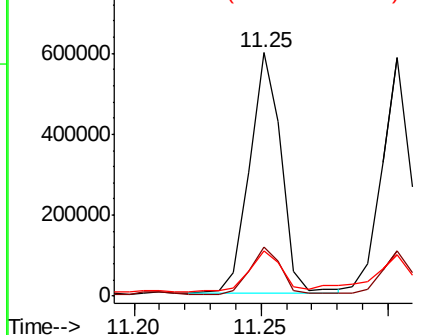


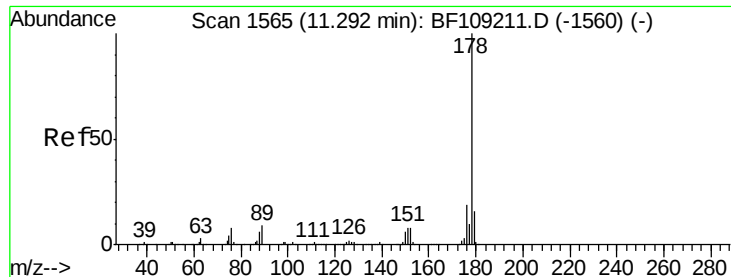
#70
 Phenanthrene
 Concen: 43.285 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Tgt Ion:178 Resp: 510958
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 18.6 13.0 19.6



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

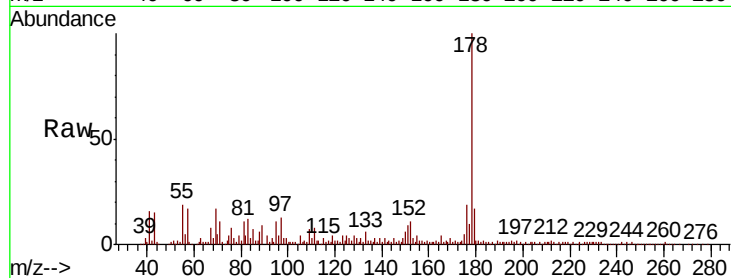




#71
 Anthracene
 Concen: 37.389 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	17.2	12.6	19.0

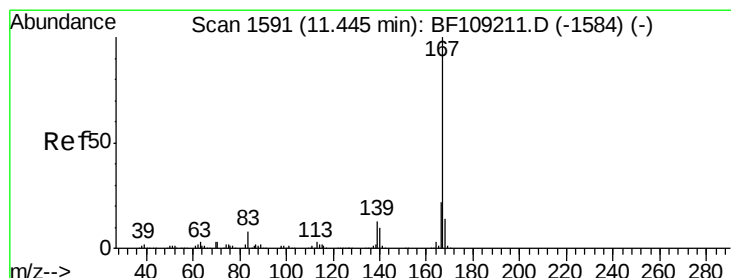
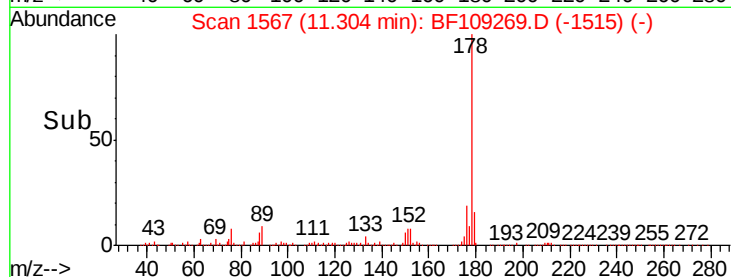
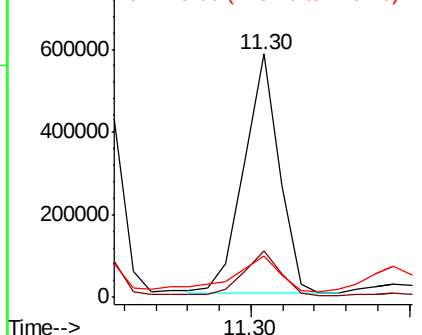


Abundance

Ion 178.00 (177.70 to 178.70): E

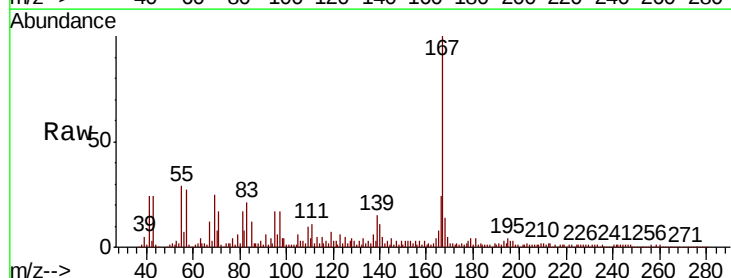
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 32.136 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.7	17.6	26.4
139	15.0	10.9	16.3

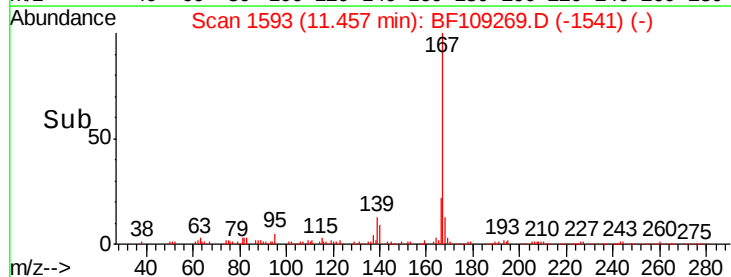
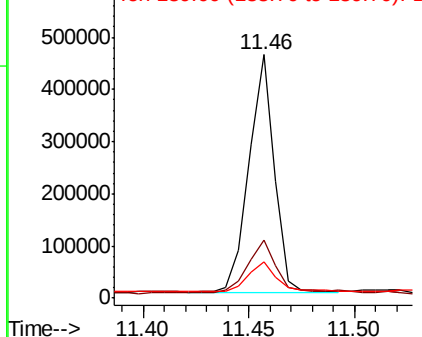


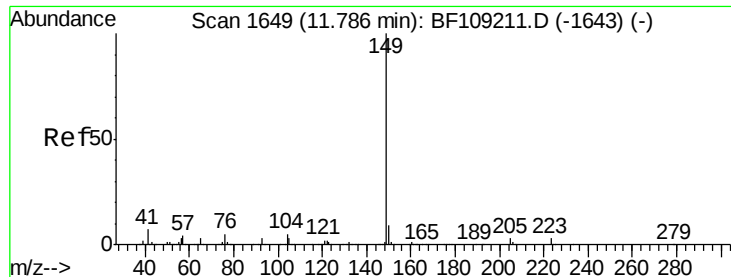
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 31.108 ng

RT: 11.80 min Scan# 1651

Delta R.T. 0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

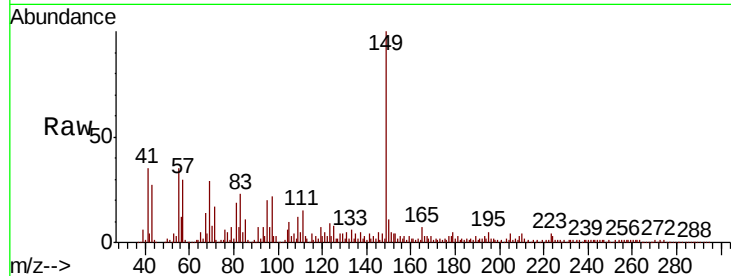
Tot Ion:149 Resp: 426607

Ion Ratio Lower Upper

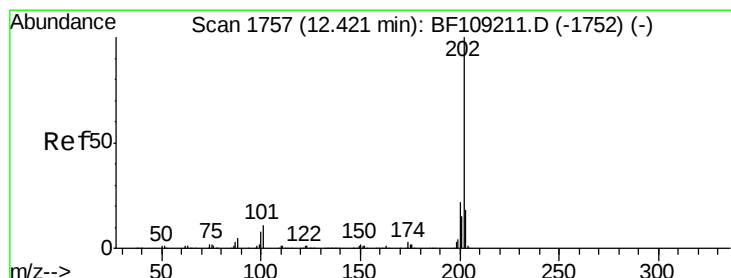
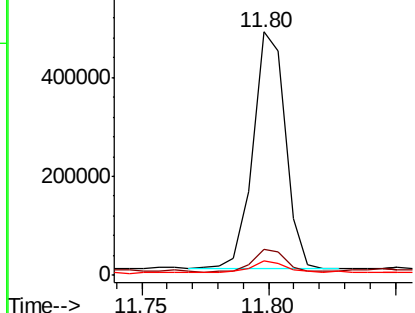
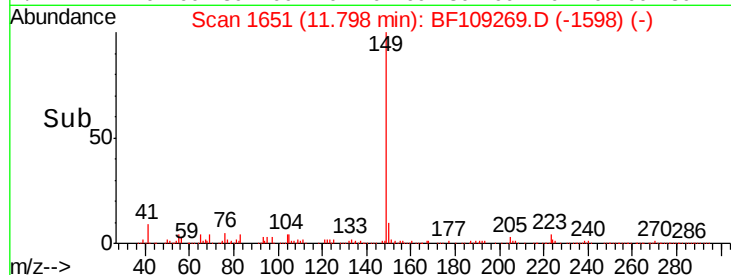
149 100

150 10.6 7.8 11.6

104 5.9 3.8 5.8#



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



#74

Fluoranthene

Concen: 30.025 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.02 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

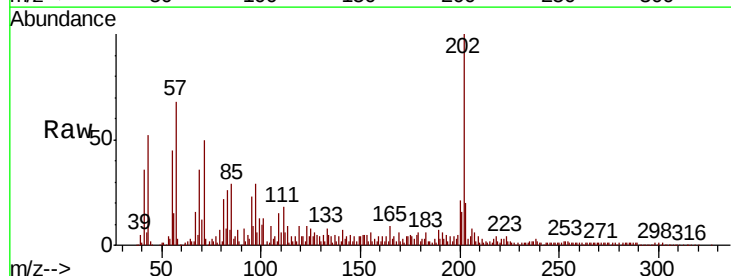
Tgt Ion:202 Resp: 378773

Ion Ratio Lower Upper

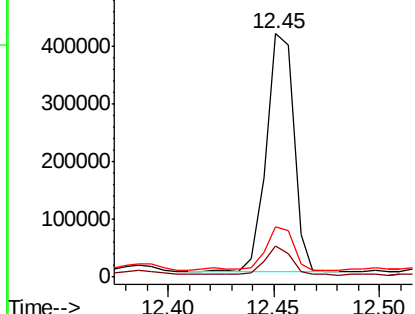
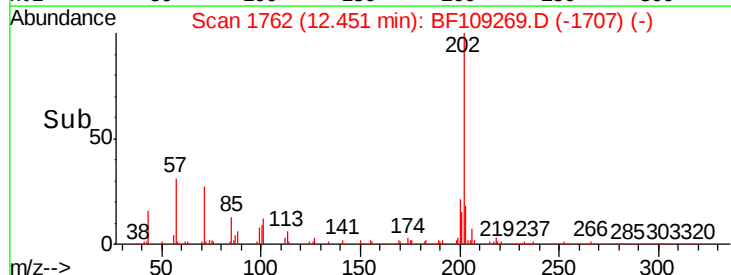
202 100

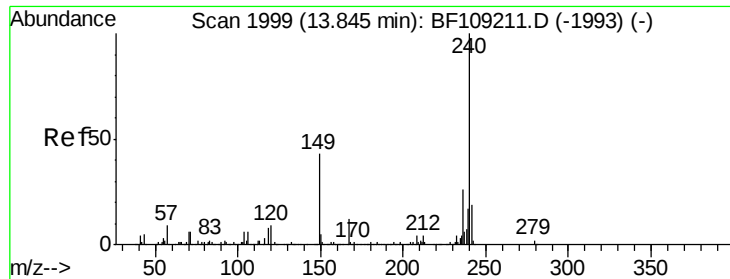
101 13.0 0.0 34.1

203 20.5 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: 13.87 min Scan# 2003

Delta R.T. 0.02 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

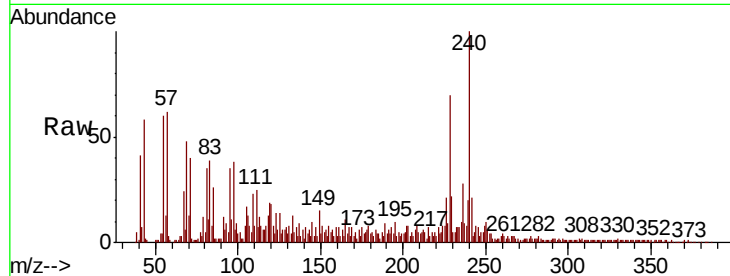
Tot Ion:240 Resp: 186002

Ion Ratio Lower Upper

240 100

120 18.2 9.5 14.3#

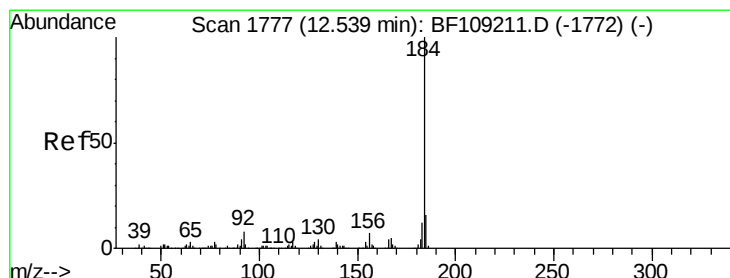
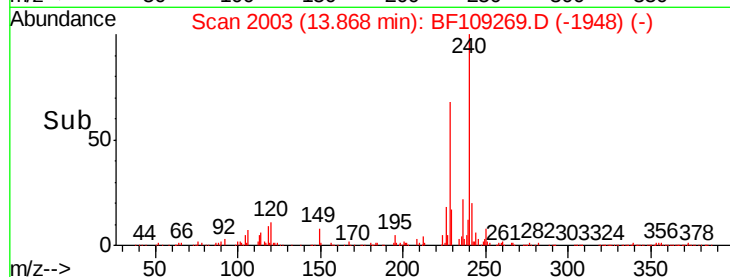
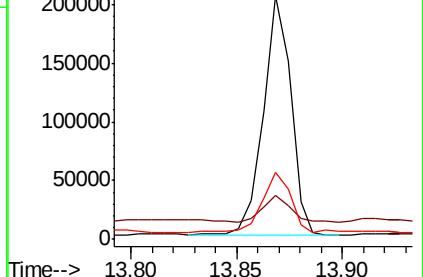
236 27.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.278 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.02 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

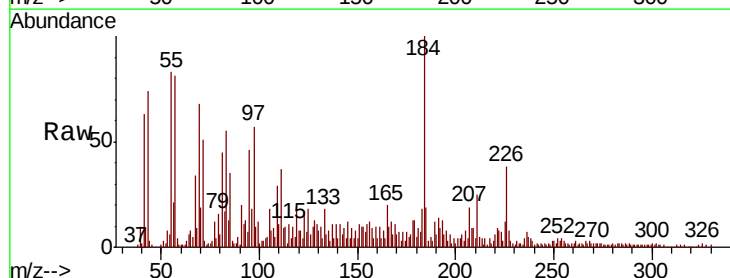
Tgt Ion:184 Resp: 196347

Ion Ratio Lower Upper

184 100

185 19.0 12.6 18.8#

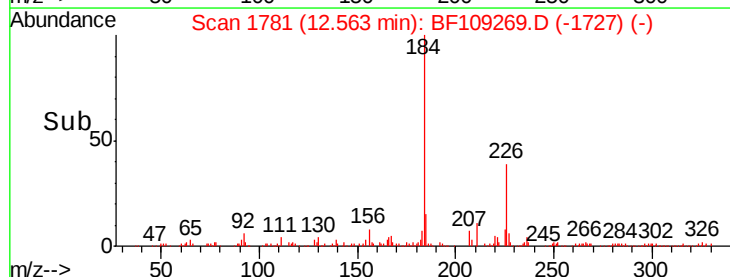
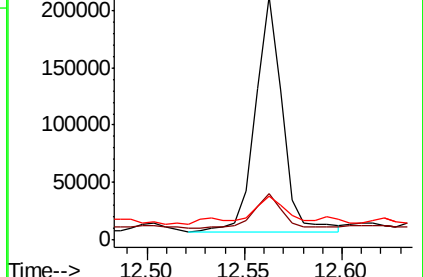
183 18.1 9.3 13.9#

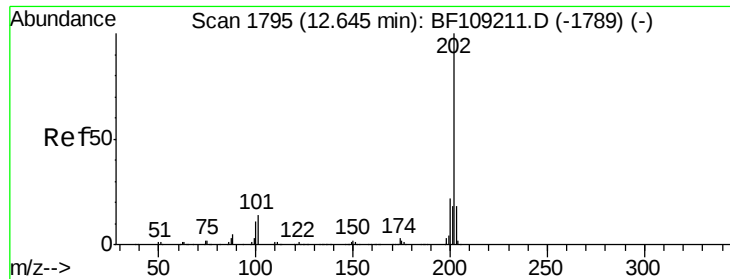


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

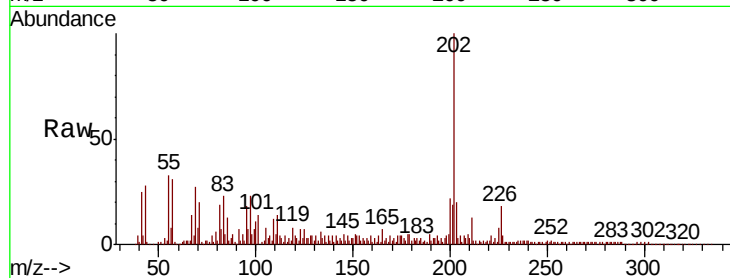




#77
Pvrene
Concen: 33.803 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.02 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	20.5	14.3	21.5

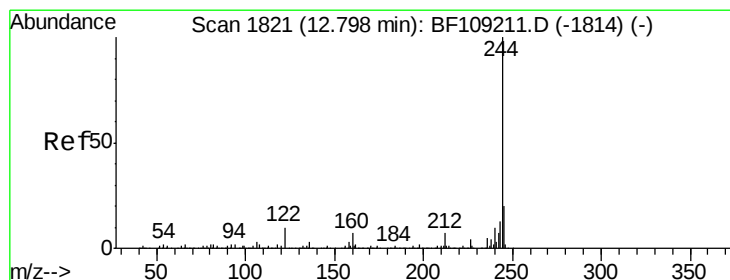
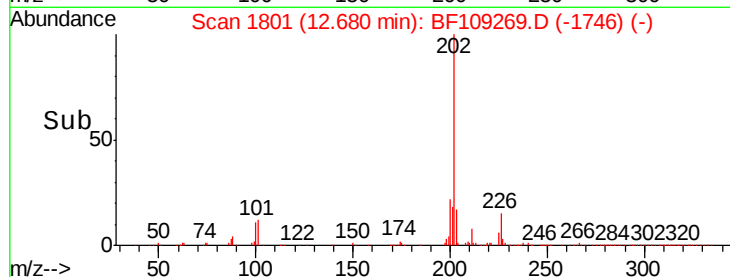
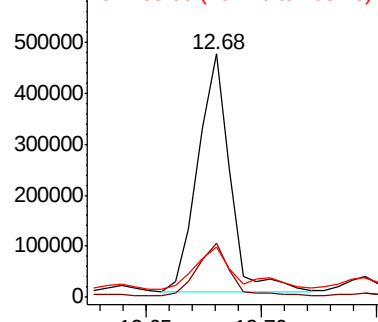


Abundance

Ion 202.00 (201.70 to 202.70): E

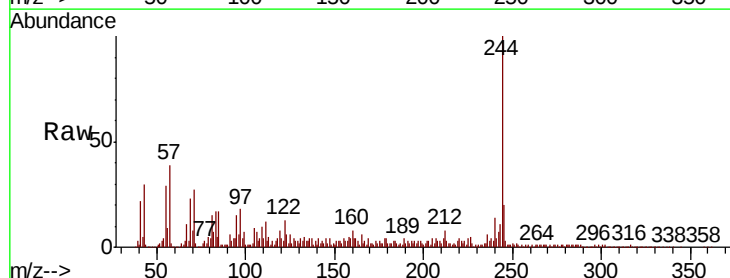
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 66.370 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.02 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	12.9	11.0	16.4

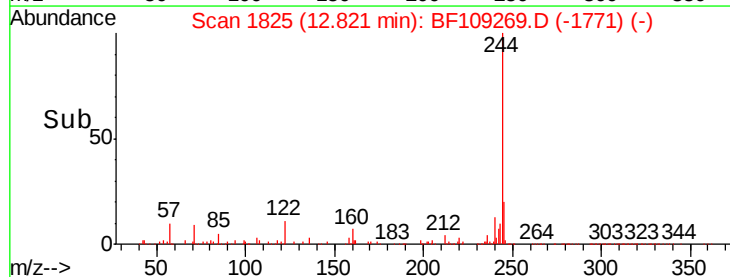
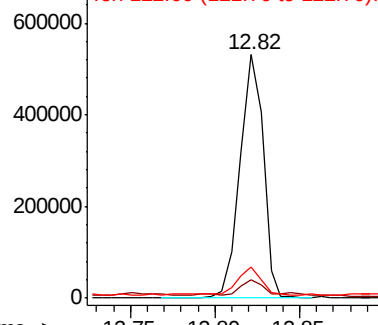


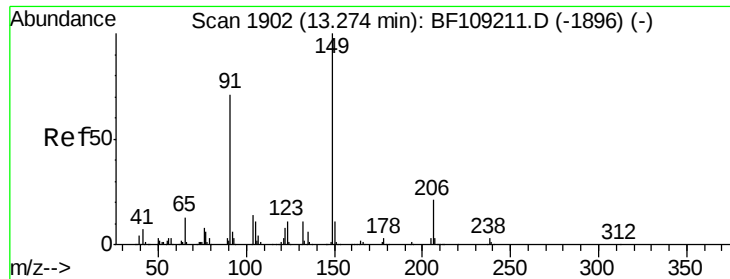
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

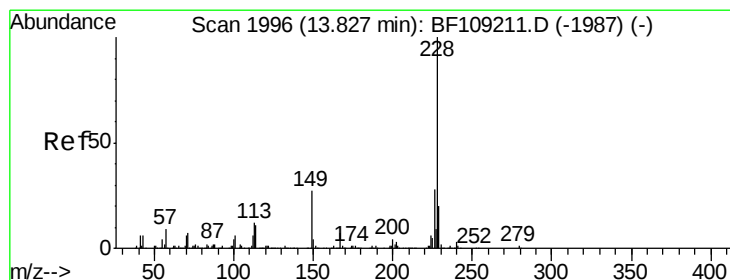
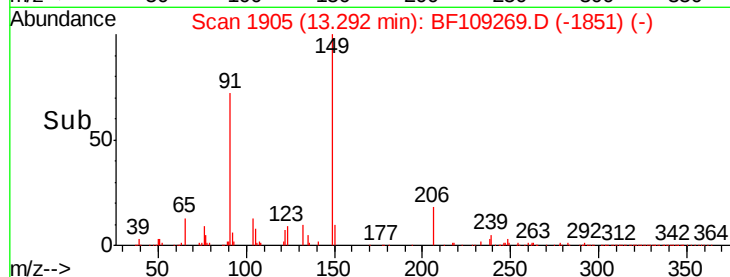
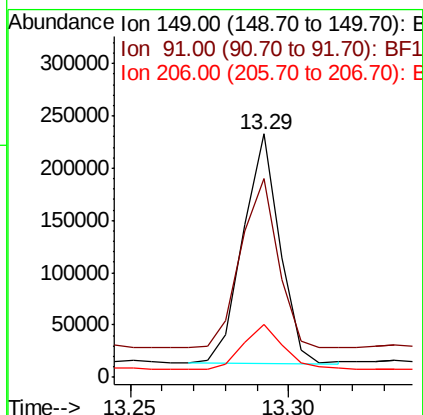
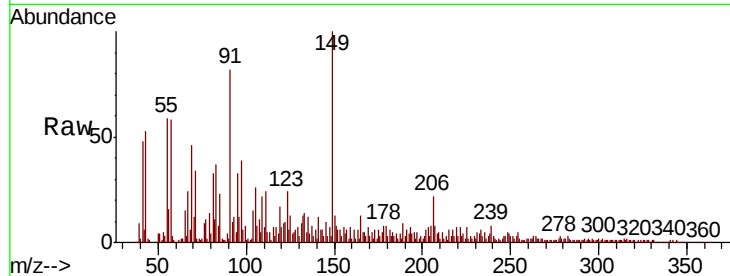




#79
Butylbenzylphthalate
Concen: 31.006 ng
RT: 13.29 min Scan# 1905
Delta R.T. 0.02 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

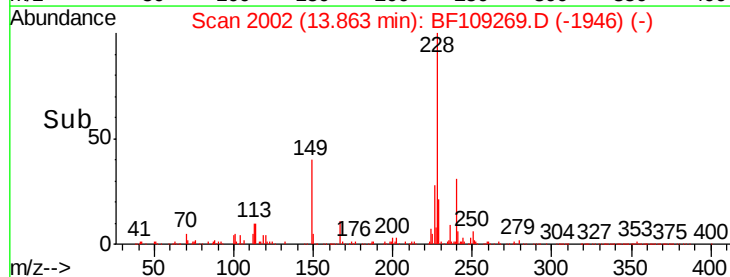
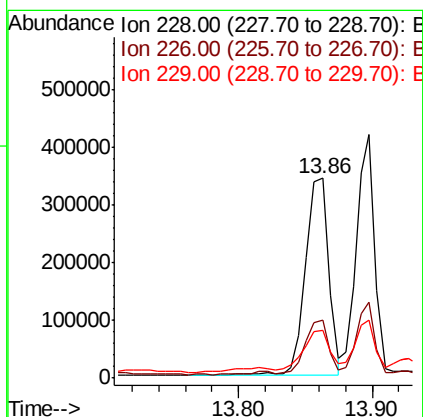
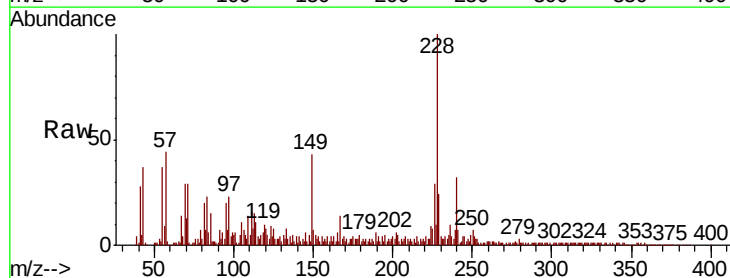
Instrument :
BNA_F
ClientSampleId :

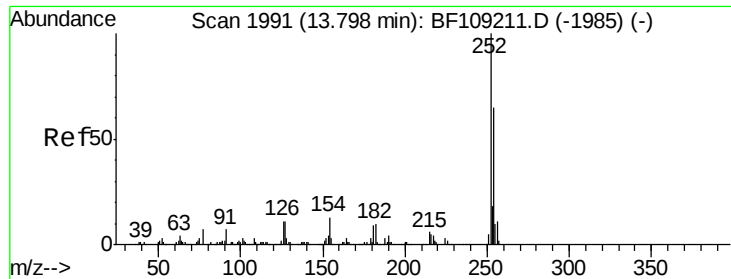
Tot Ion:149 Resp: 175846
Ion Ratio Lower Upper
149 100
91 81.6 56.8 85.2
206 21.8 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 36.556 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.03 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:228 Resp: 409556
Ion Ratio Lower Upper
228 100
226 29.3 22.6 33.8
229 24.0 15.8 23.6#

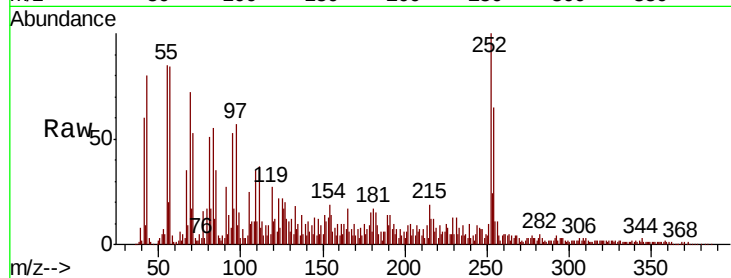




#81
 3,3'-Dichlorobenzidine
 Concen: 33.430 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.4	75.6
126	17.2	11.3	16.9

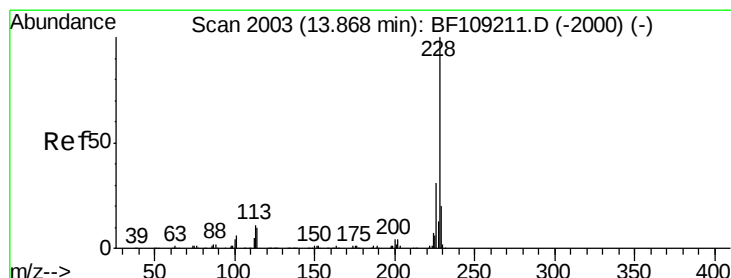
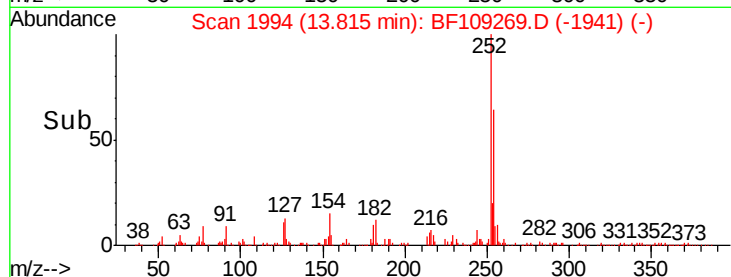
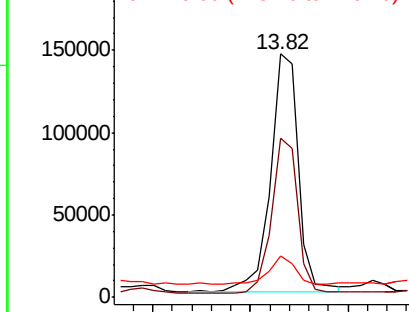


Abundance

Ion 252.00 (251.70 to 252.70): E

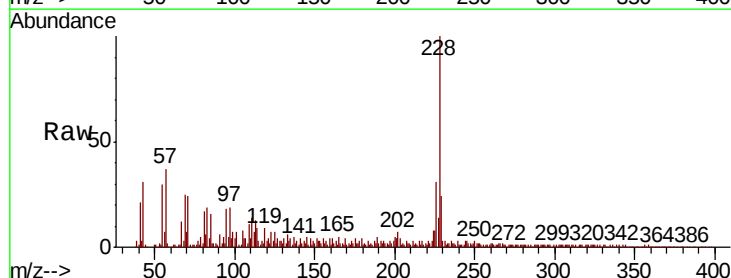
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 35.971 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.02 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	23.8	16.2	24.4

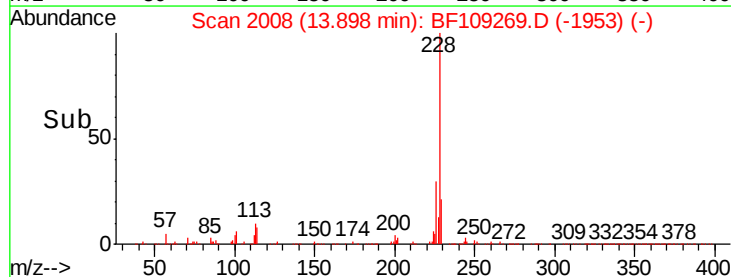
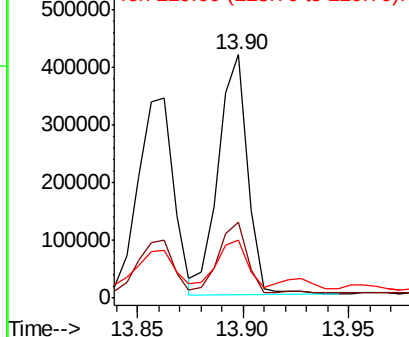


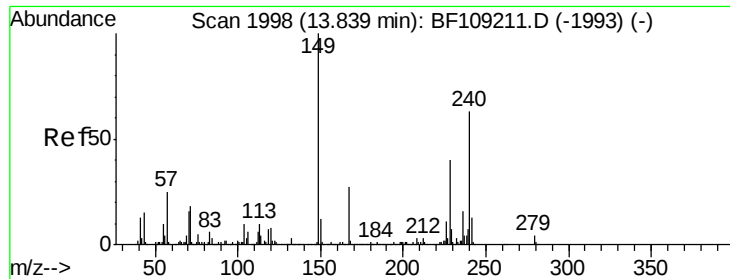
Abundance

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

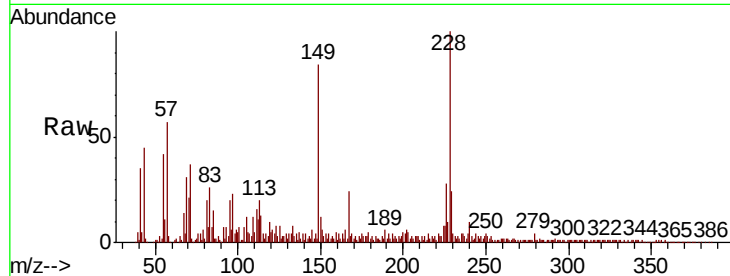




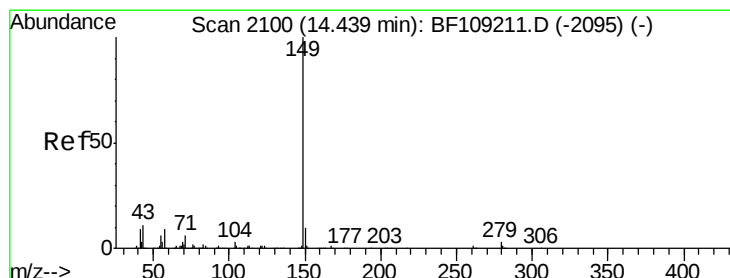
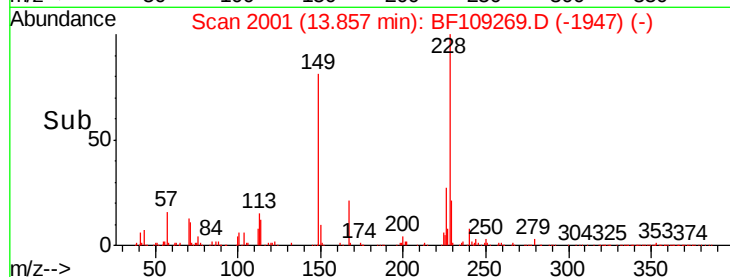
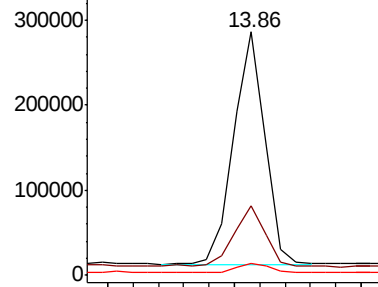
#83
Bis(2-ethylhexyl)phthalate
Concen: 32.854 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.02 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 234987
Ion Ratio Lower Upper
149 100
167 28.4 21.3 31.9
279 5.0 3.0 4.4#

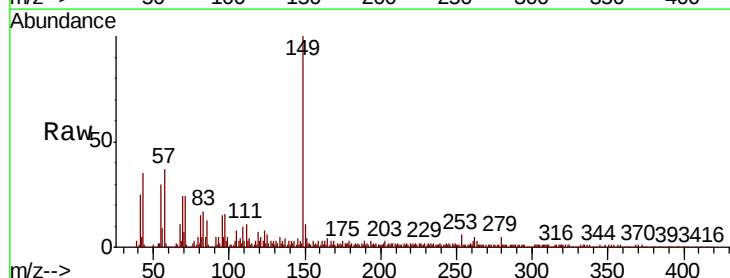


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

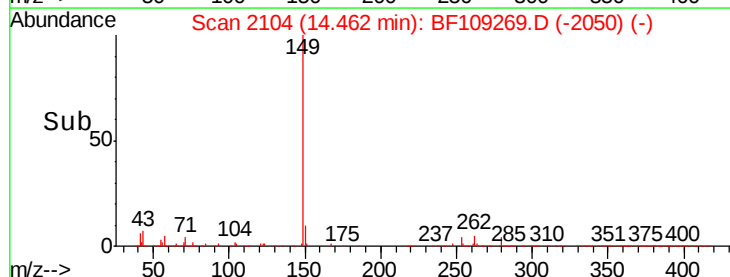
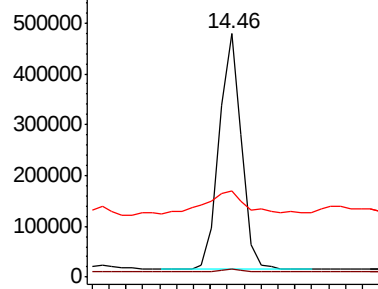


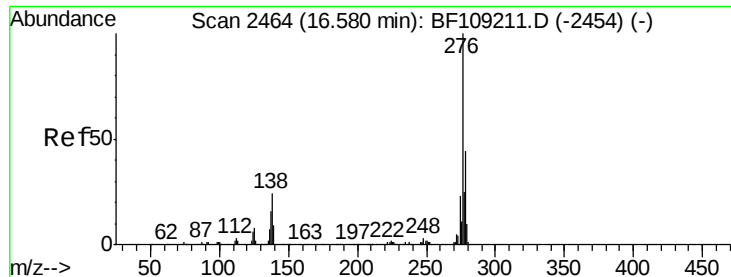
#84
Di-n-octyl phthalate
Concen: 35.146 ng
RT: 14.46 min Scan# 2104
Delta R.T. 0.02 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:149 Resp: 429813
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 15.9 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: 35.010 ng

RT: 16.63 min Scan# 2473

Delta R.T. 0.04 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

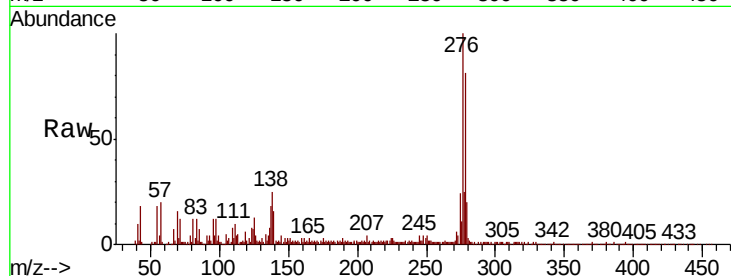
Tot Ion:276 Resp: 315113

Ion Ratio Lower Upper

276 100

138 22.7 25.0 37.6#

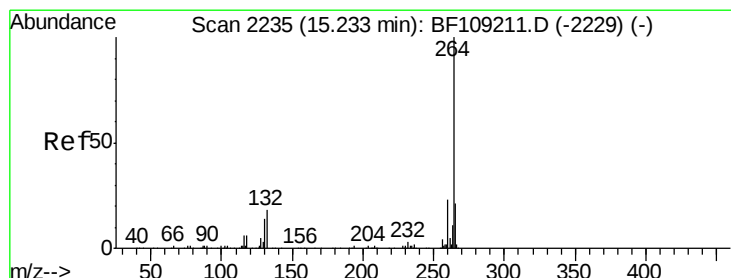
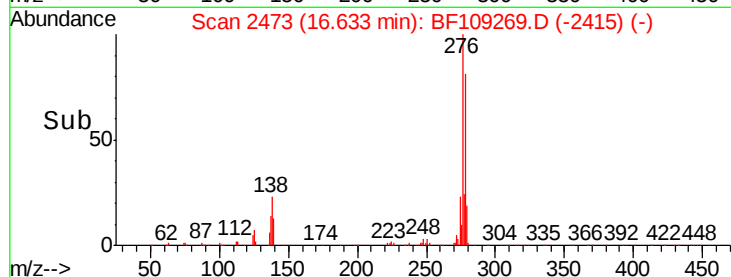
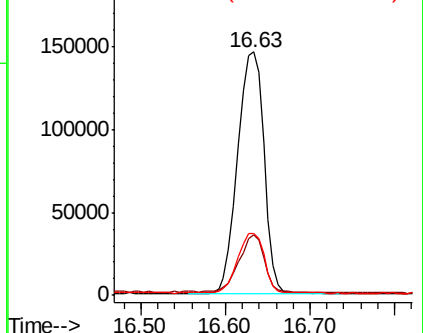
277 24.7 20.1 30.1



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: 15.28 min Scan# 2243

Delta R.T. 0.04 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

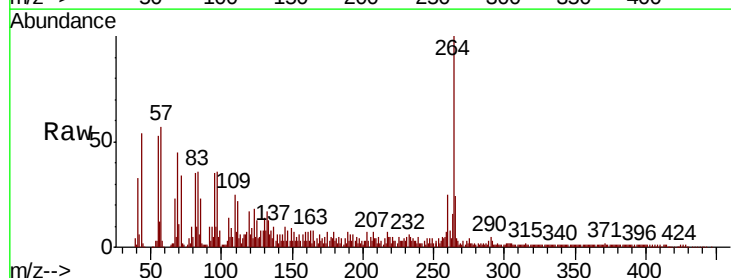
Tgt Ion:264 Resp: 174367

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

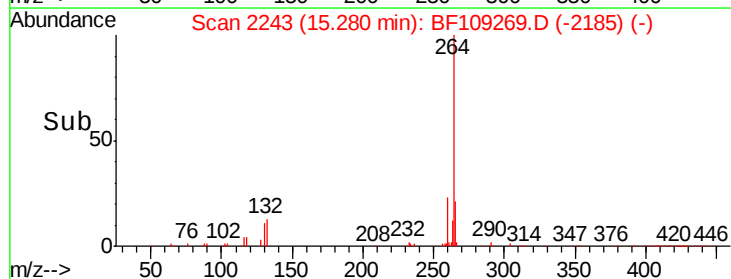
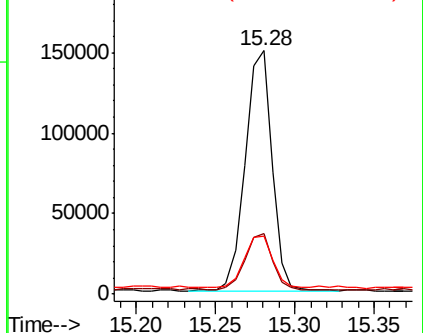
265 24.0 17.5 26.3

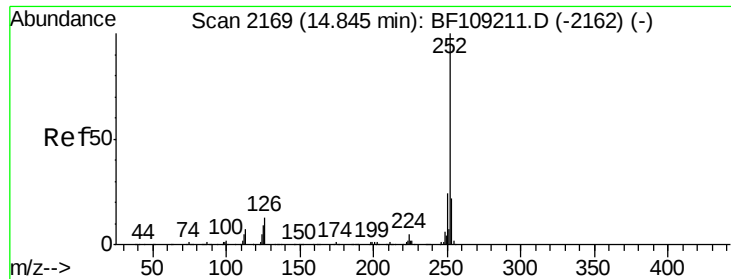


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.758 ng

RT: 14.88 min Scan# 2175

Delta R.T. 0.03 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

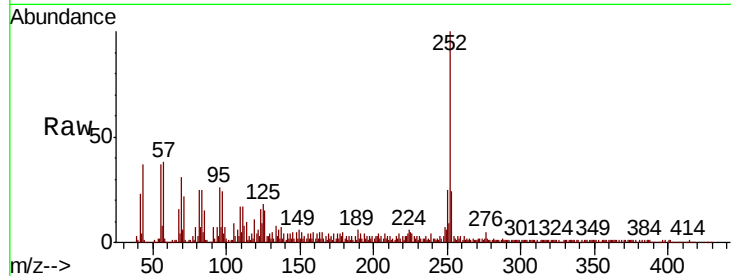
Tot Ion:252 Resp: 352194

Ion Ratio Lower Upper

252 100

253 24.5 17.0 25.6

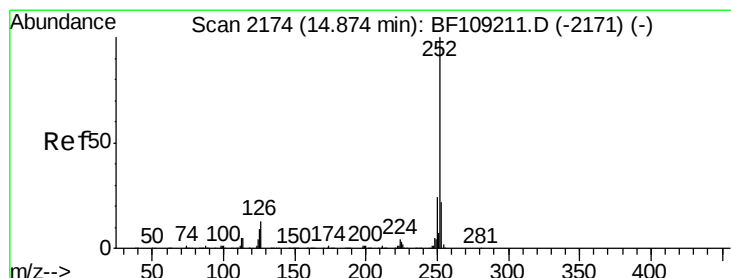
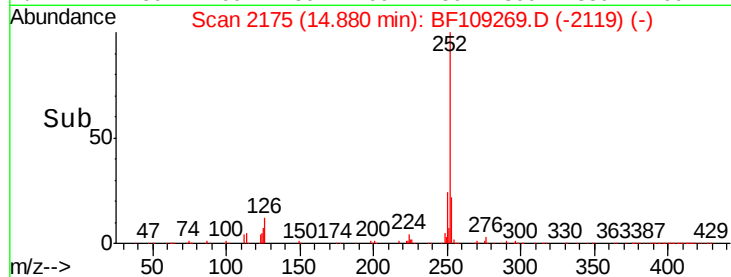
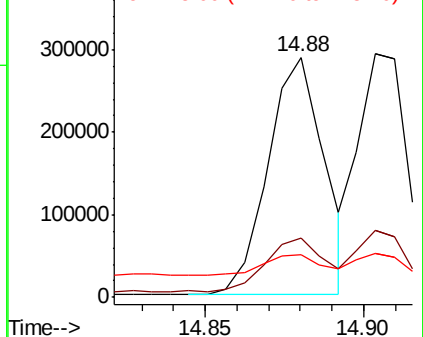
125 17.8 9.0 13.6#



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: 34.197 ng

RT: 14.90 min Scan# 2179

Delta R.T. 0.02 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

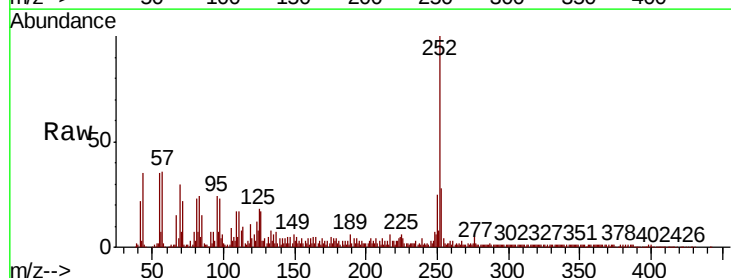
Tgt Ion:252 Resp: 310914

Ion Ratio Lower Upper

252 100

253 27.5 17.9 26.9#

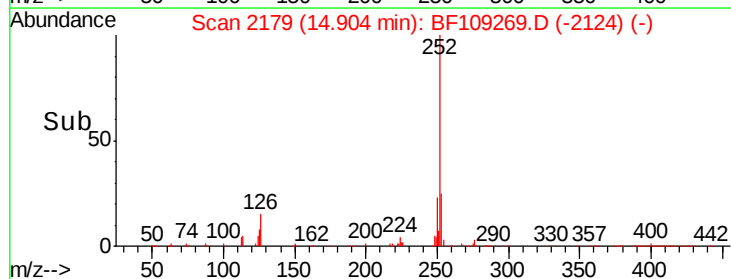
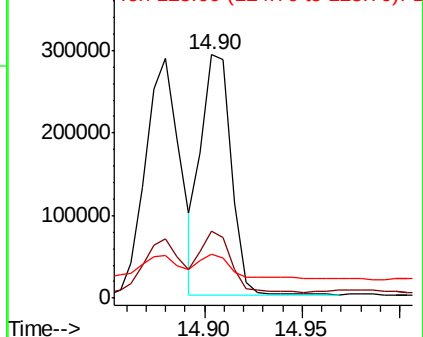
125 18.3 10.2 15.2#

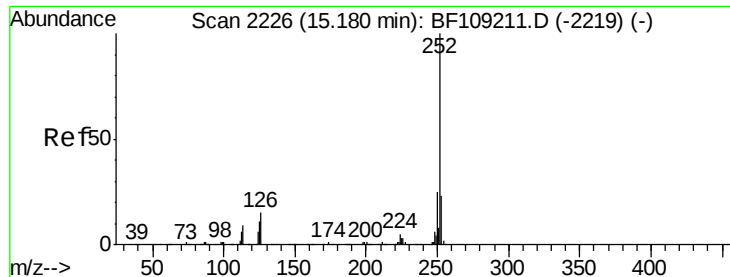


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

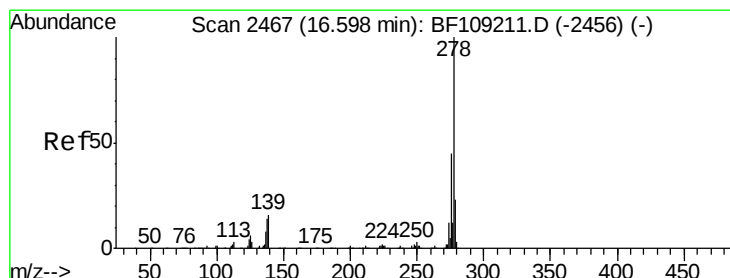
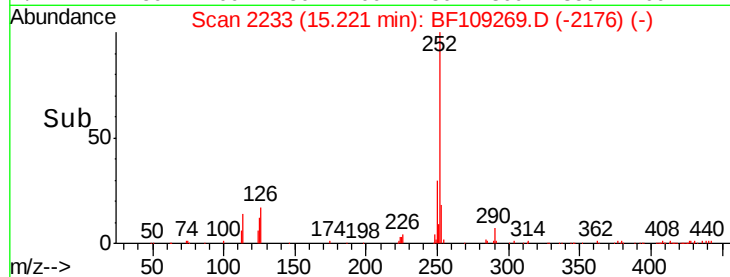
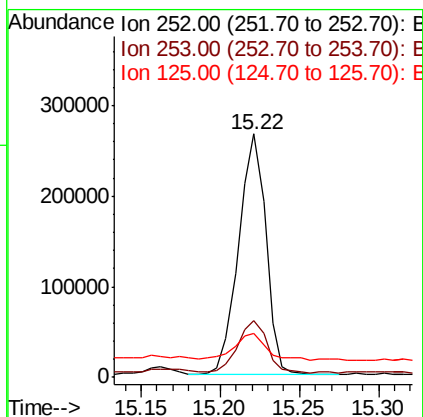
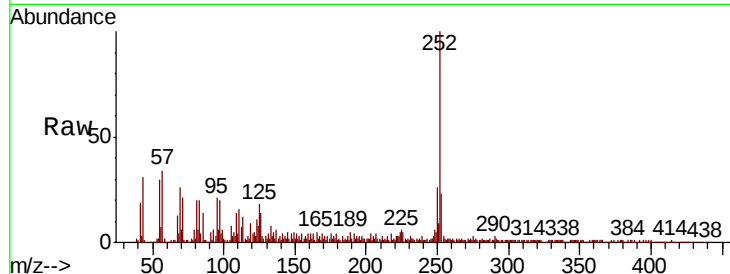




#89
Benzo(a)pyrene
Concen: 36.571 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.04 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

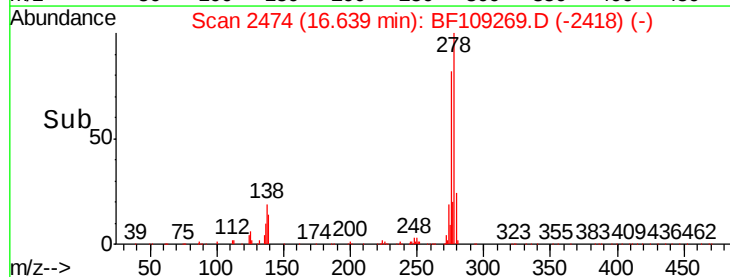
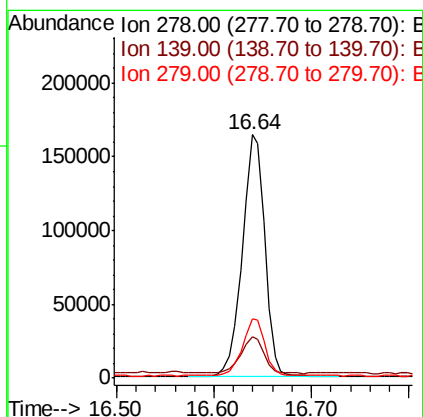
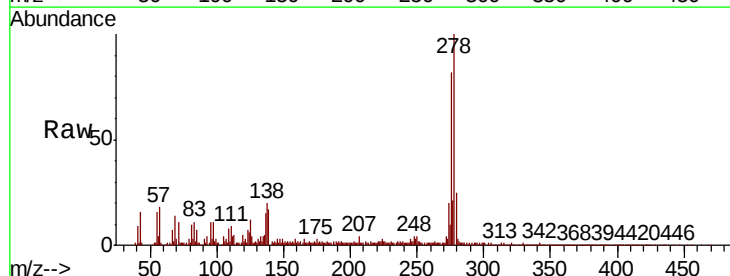
Instrument :
BNA_F
ClientSampleId :

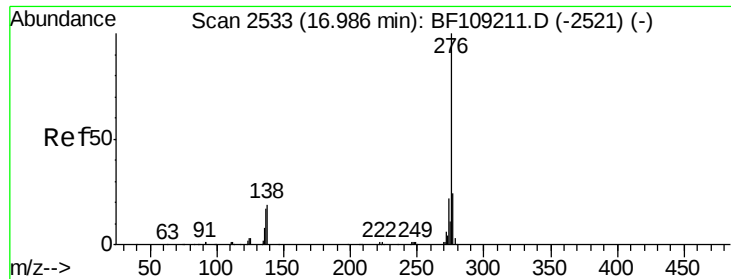
Tot Ion:252 Resp: 315741
Ion Ratio Lower Upper
252 100
253 23.4 17.1 25.7
125 17.9 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 37.173 ng
RT: 16.64 min Scan# 2474
Delta R.T. 0.03 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:278 Resp: 263298
Ion Ratio Lower Upper
278 100
139 17.0 15.9 23.9
279 24.5 19.0 28.4

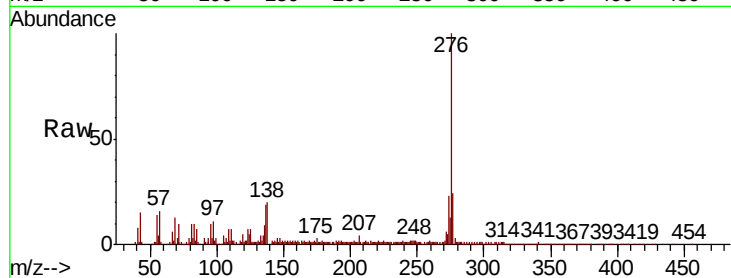




#91
 Benzo(a,h,i)perylene
 Concen: 37.022 ng
 RT: 17.03 min Scan# 2541
 Delta R.T. 0.04 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	20.1	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

