

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109388.D
 Acq On : 27 Sep 2018 15:46
 Operator : JU/SJ
 Sample : J5066-06MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 17:55:27 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	107853	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	410808	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	193140	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	354688	20.00	ng	0.00
75) Chrysene-d12	13.84	240	218448	20.00	ng	0.00
86) Perylene-d12	15.24	264	274079	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	692324	105.73	ng	0.01
7) Phenol-d6	6.35	99	892605	106.83	ng	0.00
23) Nitrobenzene-d5	7.27	82	561044	80.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	220177	115.64	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	980939	76.60	ng	0.00
78) Terphenyl-d14	12.80	244	775056	87.07	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.42	88	95710	31.737	ng	92
3) Pyridine	3.13	79	266185	34.294	ng	89
4) n-Nitrosodimethylamine	3.05	42	125810	38.087	ng	99
6) Aniline	6.37	93	292067	27.321	ng	# 25
8) 2-Chlorophenol	6.50	128	260755	35.809	ng	92
9) Benzaldehyde	6.25	77	157111	29.270	ng	99
10) Phenol	6.37	94	348248	36.803	ng	# 69
11) bis(2-Chloroethyl)ether	6.45	93	250109	33.779	ng	99
12) 1,3-Dichlorobenzene	6.65	146	282901	33.743	ng	99
13) 1,4-Dichlorobenzene	6.73	146	286440	33.913	ng	97
14) 1,2-Dichlorobenzene	6.88	146	271098	34.793	ng	99
15) Benzyl Alcohol	6.85	79	234861	36.721	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	353572	33.665	ng	94
17) 2-Methylphenol	6.97	107	212665	36.094	ng	95
18) Hexachloroethane	7.22	117	104254	35.034	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	188780	34.480	ng	98
20) 3+4-Methylphenols	7.12	107	257036	36.133	ng	# 65
22) Acetophenone	7.12	105	363000	38.219	ng	# 94
24) Nitrobenzene	7.29	77	280839	37.954	ng	97
25) Isophorone	7.53	82	513097	40.944	ng	98
26) 2-Nitrophenol	7.60	139	135410	46.274	ng	95
27) 2,4-Dimethylphenol	7.65	122	231259	42.352	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	317960	38.329	ng	99
29) 2,4-Dichlorophenol	7.85	162	222736	38.825	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	229720	35.835	ng	98
31) Naphthalene	8.01	128	755390	39.349	ng	99
32) Benzoic acid	7.65	122	231259	60.296	ng	# 15
33) 4-Chloroaniline	8.06	127	200708	23.933	ng	99
34) Hexachlorobutadiene	8.13	225	136669	35.365	ng	98
36) 4-Chloro-3-methylphenol	8.55	107	232717	38.549	ng	98
37) 2-Methylnaphthalene	8.70	142	497489	40.200	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	228857	37.232	ng	98
40) Hexachlorocyclopentadiene	8.86	237	143535	53.537	ng	99
42) 2,4,6-Trichlorophenol	8.98	196	155955	39.532	ng	99

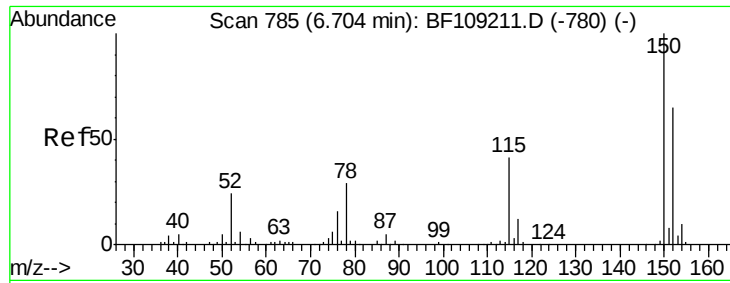
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.02	196	167700	40.250	nq	97
45) 1,1'-Biphenyl	9.16	154	595332	37.832	nq	98
46) 2-Chloronaphthalene	9.19	162	457030	36.355	nq	99
47) 2-Nitroaniline	9.28	65	145040	40.693	nq	95
48) Acenaphthylene	9.60	152	747234	39.401	nq	100
49) Dimethylphthalate	9.47	163	775489	55.204	nq	99
50) 2,6-Dinitrotoluene	9.53	165	118465	42.580	nq	98
51) Acenaphthene	9.77	154	420564	36.679	nq	100
52) 3-Nitroaniline	9.69	138	104515	32.438	nq	97
53) 2,4-Dinitrophenol	9.80	184	31274	36.832	nq	# 21
54) Dibenzofuran	9.95	168	626301	36.728	nq	99
55) 4-Nitrophenol	9.86	139	173744	71.583	nq	96
56) 2,4-Dinitrotoluene	9.93	165	154996	44.030	nq	# 97
57) Fluorene	10.29	166	477504	39.247	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	126341	38.297	nq	91
59) Diethylphthalate	10.17	149	537687	37.798	nq	97
60) 4-Chlorophenyl-phenylether	10.28	204	227286	35.766	nq	93
61) 4-Nitroaniline	10.30	138	118031	37.563	nq	97
62) Azobenzene	10.44	77	524971	35.520	nq	95
64) 4,6-Dinitro-2-methylphenol	10.34	198	33521	26.925	nq	76
65) n-Nitrosodiphenylamine	10.40	169	455911	38.904	nq	96
66) 4-Bromophenyl-phenylether	10.76	248	151750	38.528	nq	94
67) Hexachlorobenzene	10.84	284	155439	37.159	nq	# 84
68) Atrazine	10.93	200	147978	41.058	nq	96
69) Pentachlorophenol	11.03	266	127858	51.069	nq	99
70) Phenanthrene	11.24	178	728874	41.157	nq	98
71) Anthracene	11.29	178	701089	39.031	nq	100
72) Carbazole	11.44	167	611290	34.205	nq	99
73) Di-n-butylphthalate	11.79	149	772650	37.555	nq	99
74) Fluoranthene	12.42	202	660814	34.916	nq	96
76) Benzidine	12.54	184	308243	39.137	nq	98
77) Pyrene	12.65	202	627719	40.095	nq	99
79) Butylbenzylphthalate	13.27	149	259538	38.966	nq	94
80) Benzo(a)anthracene	13.83	228	512770	38.971	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	185201	37.036	nq	# 97
82) Chrysene	13.87	228	494125	37.889	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	325459	38.745	nq	99
84) Di-n-octyl phthalate	14.44	149	607613	42.305	nq	98
85) Indeno(1,2,3-cd)pyrene	16.60	276	561154	53.085	nq	# 93
87) Benzo(b)fluoranthene	14.85	252	571251	37.931	nq	97
88) Benzo(k)fluoranthene	14.87	252	493254	34.515	nq	98
89) Benzo(a)pyrene	15.19	252	537074	39.576	nq	98
90) Dibenzo(a,h)anthracene	16.61	278	463675	41.647	nq	96
91) Benzo(q,h,i)perylene	17.00	276	452047	41.313	nq	# 91

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

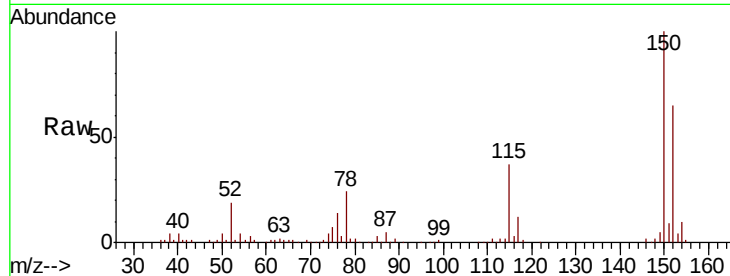


#1

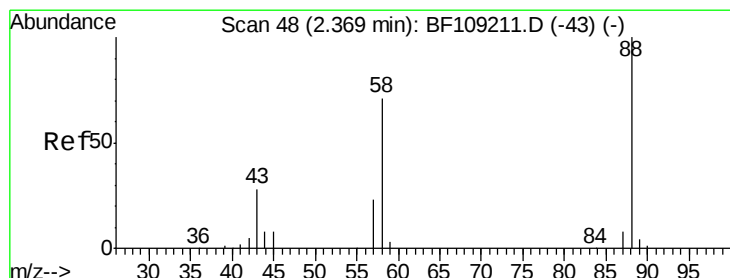
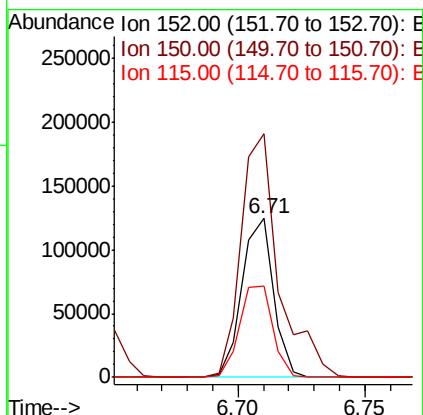
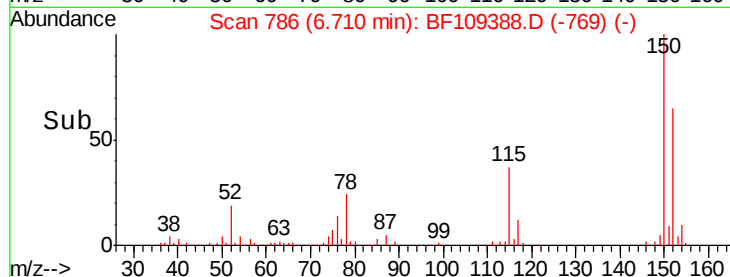
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 107853
Ion Ratio Lower Upper
152 100
150 153.2 124.6 186.8
115 57.3 50.1 75.1



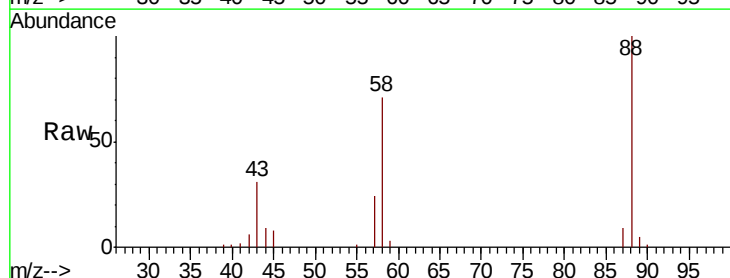
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



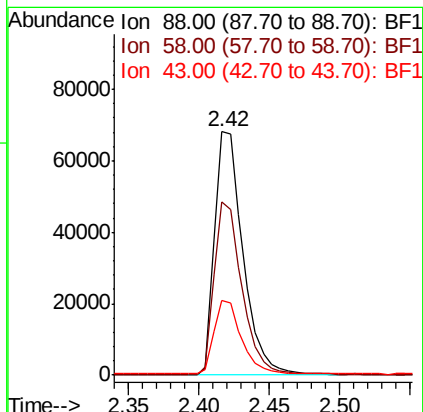
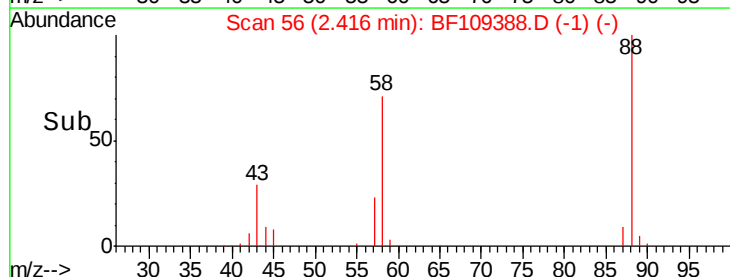
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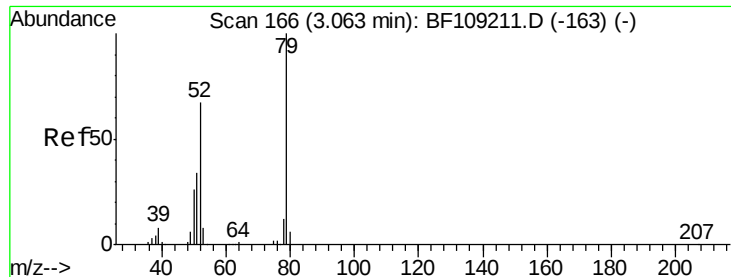
1,4-Dioxane
Concen: 31.737 ng
RT: 2.42 min Scan# 56
Delta R.T. 0.05 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Tgt Ion: 88 Resp: 95710
Ion Ratio Lower Upper
88 100
58 69.8 62.6 93.8
43 28.8 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.294 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.06 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

Instrument :

BNA_F

ClientSampleId :

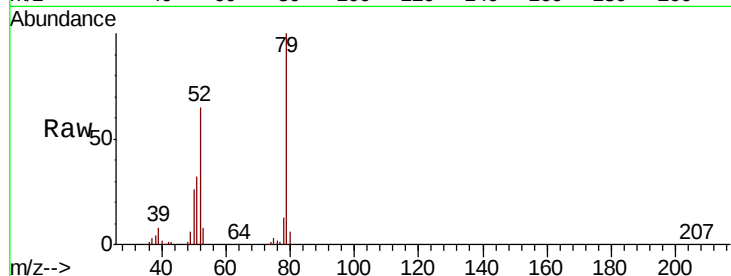
Tot Ion: 79 Resp: 266185

Ion Ratio Lower Upper

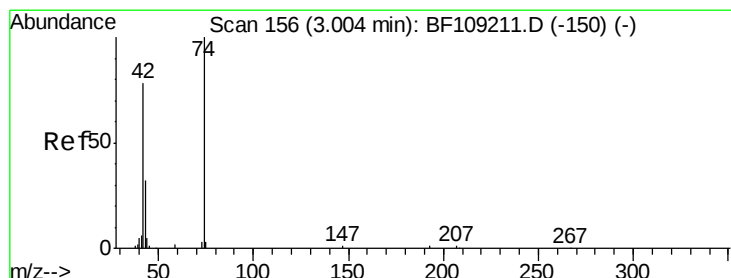
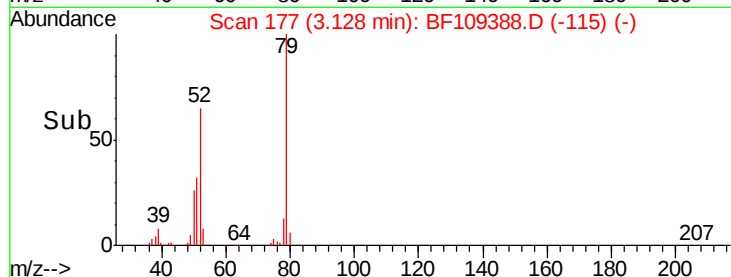
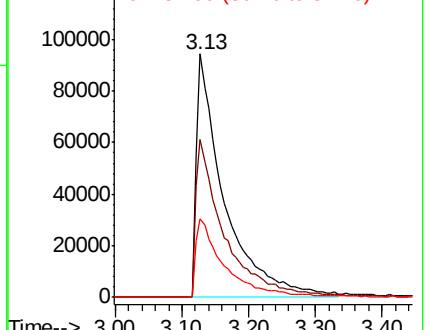
79 100

52 64.8 59.8 89.6

51 32.1 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: 38.087 ng

RT: 3.05 min Scan# 164

Delta R.T. 0.03 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

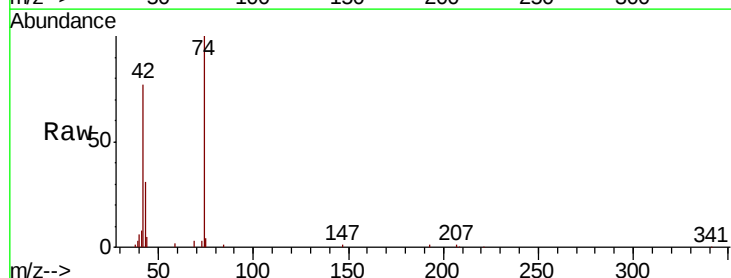
Tgt Ion: 42 Resp: 125810

Ion Ratio Lower Upper

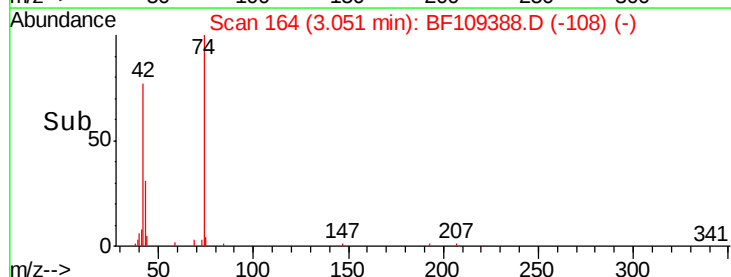
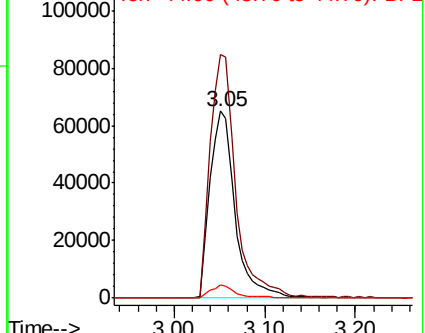
42 100

74 130.4 104.9 157.3

44 6.9 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: 105.728 ng

RT: 5.33 min Scan# 551

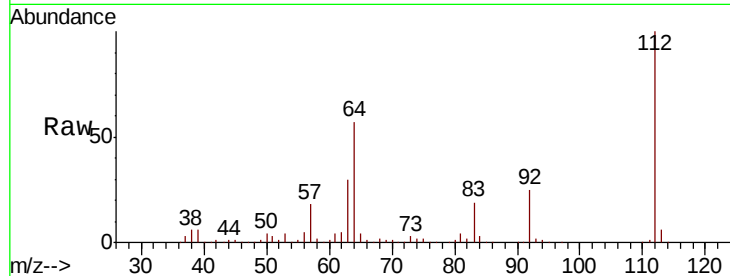
Delta R.T. 0.01 min

Lab File: BF109388.D

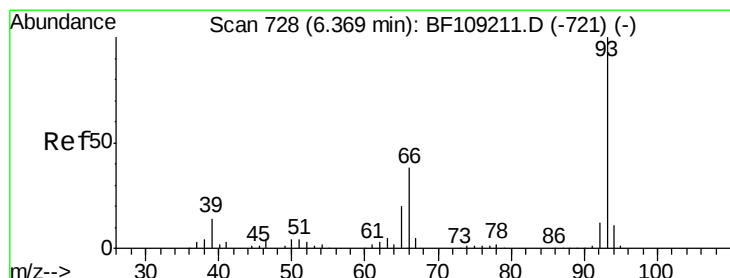
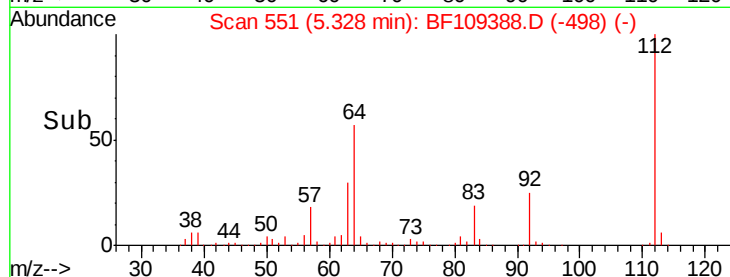
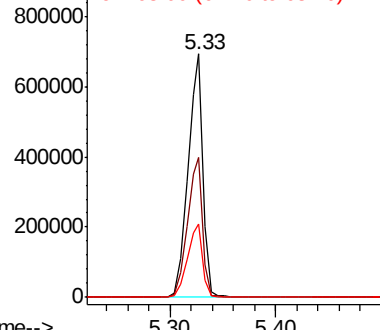
Acq: 27 Sep 2018 15:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	692324
Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	30.2	23.7	35.5



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



#6

Aniline

Concen: 27.321 ng

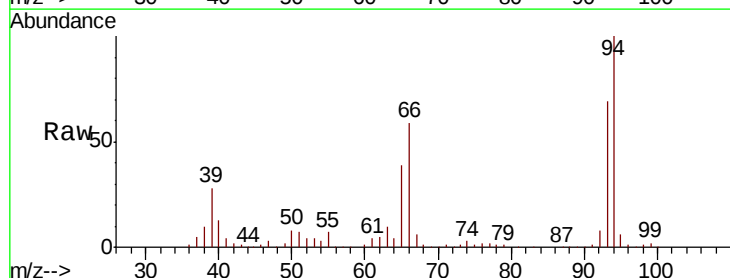
RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

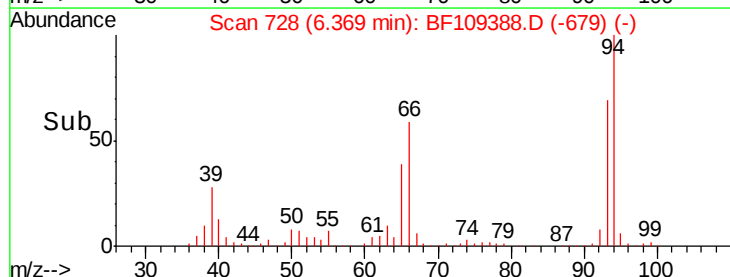
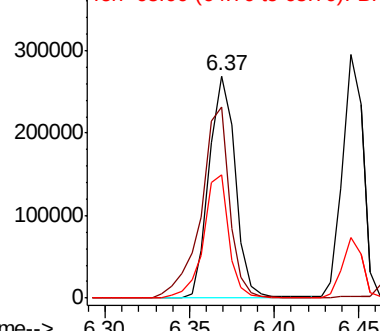
Lab File: BF109388.D

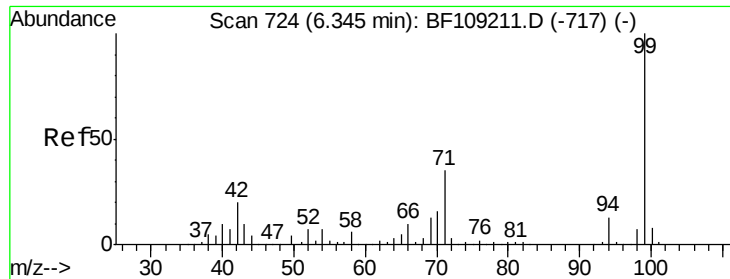
Acq: 27 Sep 2018 15:46

Tgt Ion:	93	Resp:	292067
Ion	Ratio	Lower	Upper
93	100		
66	85.9	32.2	48.2#
65	55.9	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.826 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

Instrument :

BNA_F

ClientSampled :

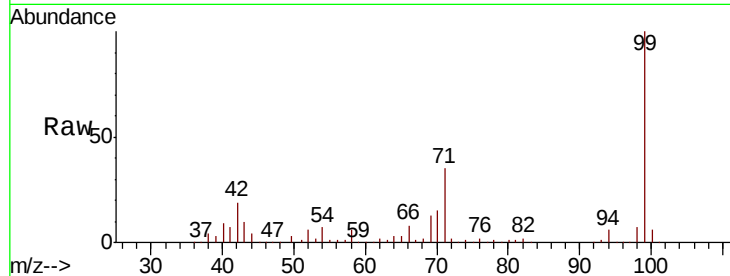
Tot Ion: 99 Resp: 892605

Ion Ratio Lower Upper

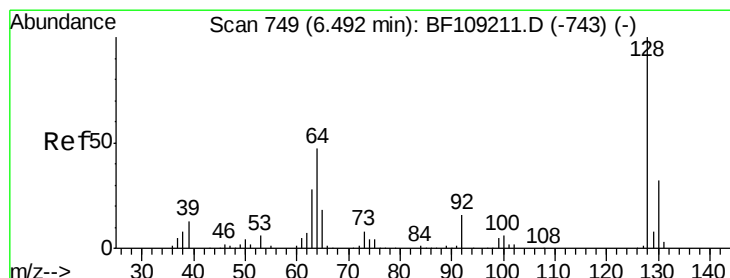
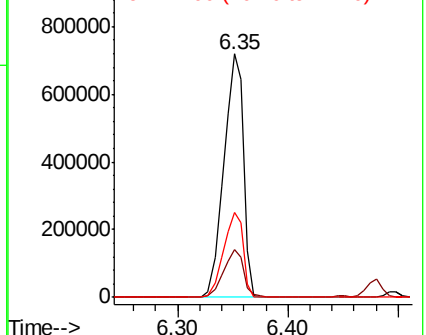
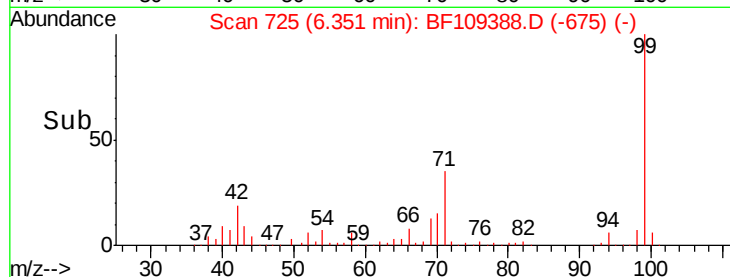
99 100

42 19.5 14.5 21.7

71 34.8 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: 35.809 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

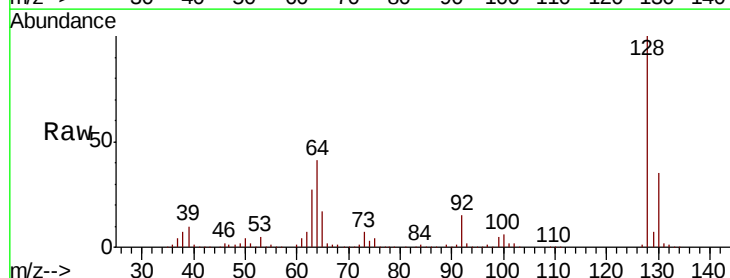
Tgt Ion: 128 Resp: 260755

Ion Ratio Lower Upper

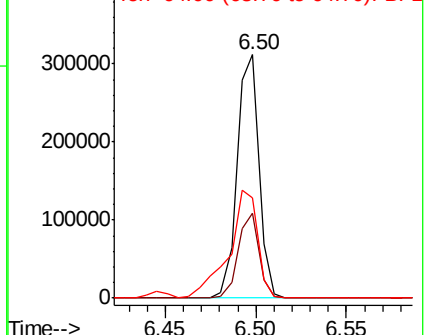
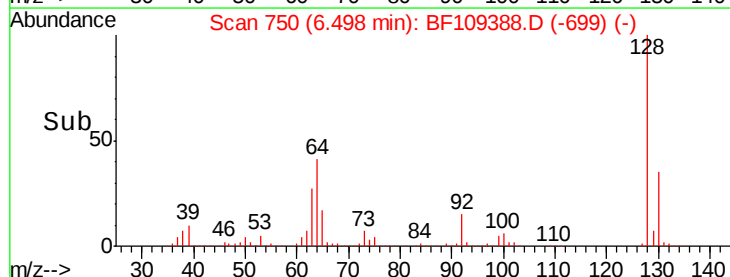
128 100

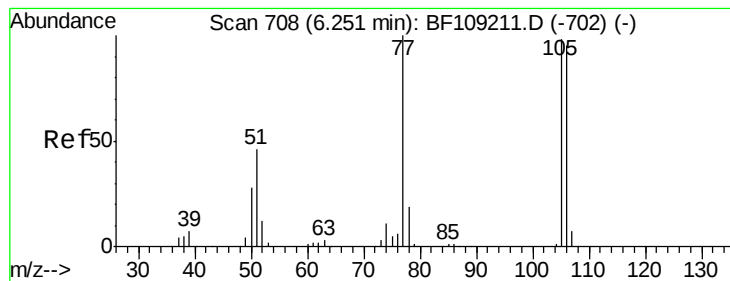
130 34.7 13.0 53.0

64 41.2 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: 29.270 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

Instrument :

BNA_F

ClientSampleId :

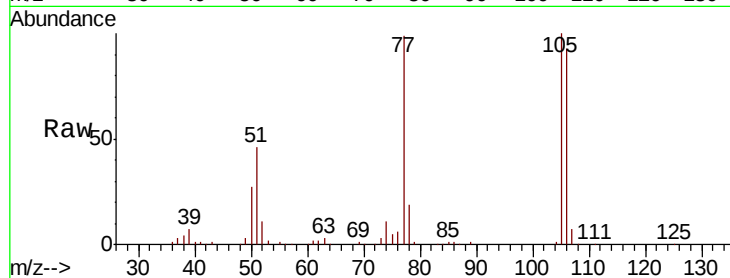
Tot Ion: 77 Resp: 157111

Ion Ratio Lower Upper

77 100

105 100.5 81.1 121.1

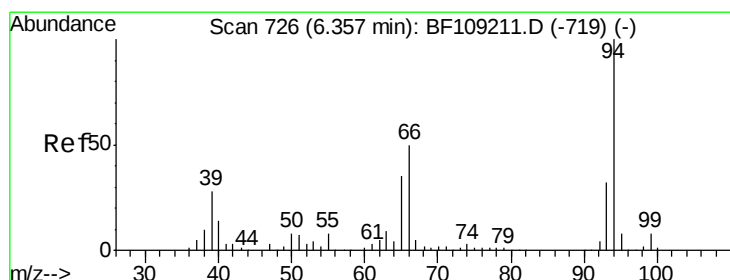
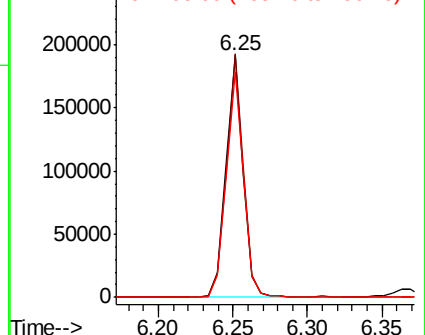
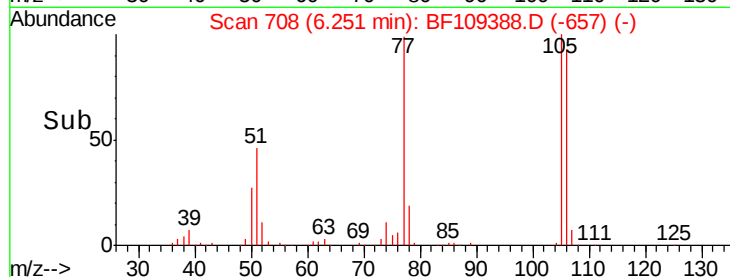
106 93.4 74.5 114.5



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: 36.803 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

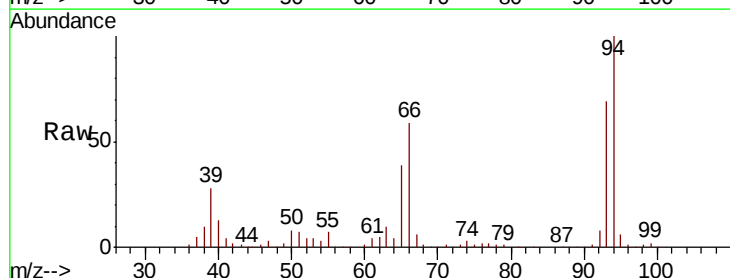
Tgt Ion: 94 Resp: 348248

Ion Ratio Lower Upper

94 100

65 38.5 7.9 47.9

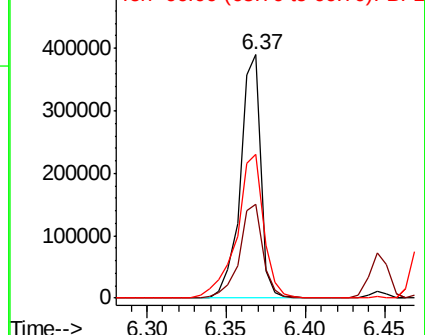
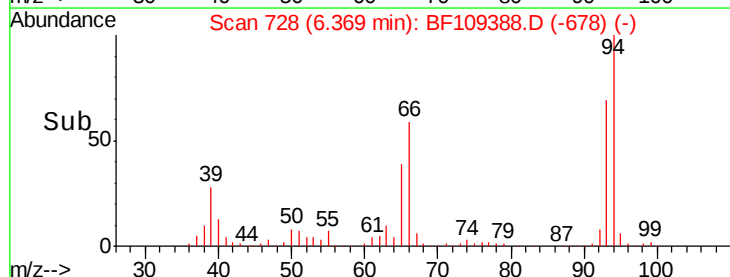
66 59.2 16.2 56.2#

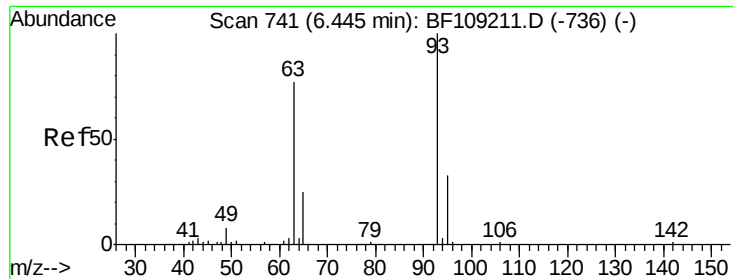


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 33.779 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

Instrument :

BNA_F

ClientSampleId :

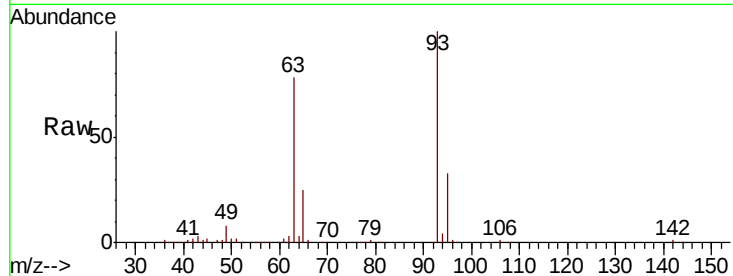
Tot Ion: 93 Resp: 250109

Ion Ratio Lower Upper

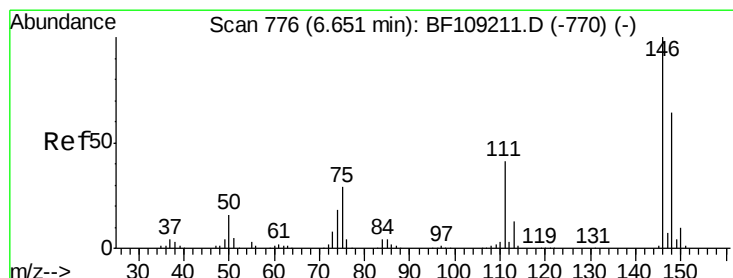
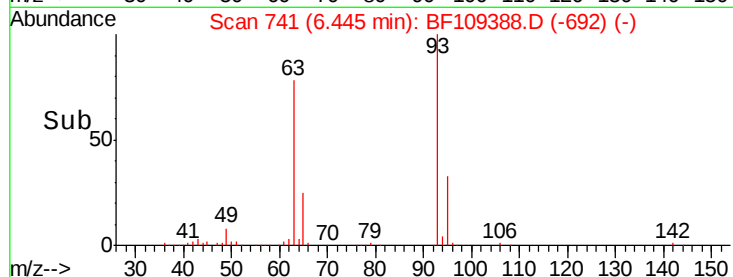
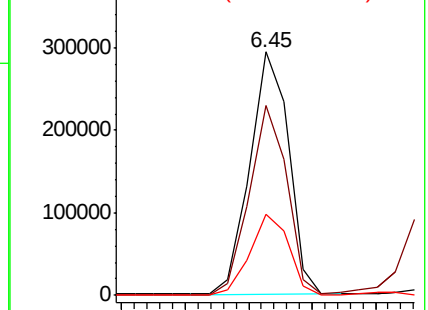
93 100

63 77.9 58.6 98.6

95 33.3 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: 33.743 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

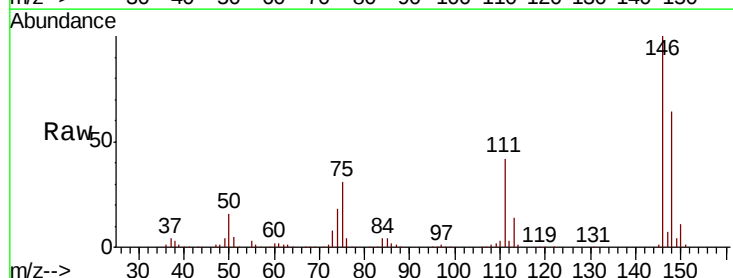
Tgt Ion: 146 Resp: 282901

Ion Ratio Lower Upper

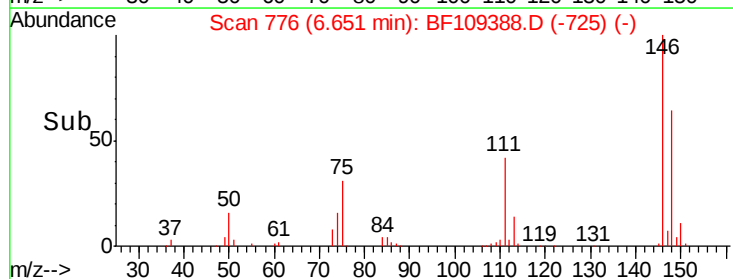
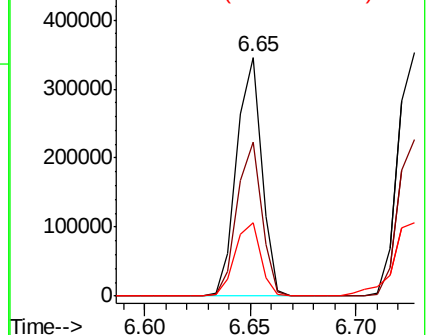
146 100

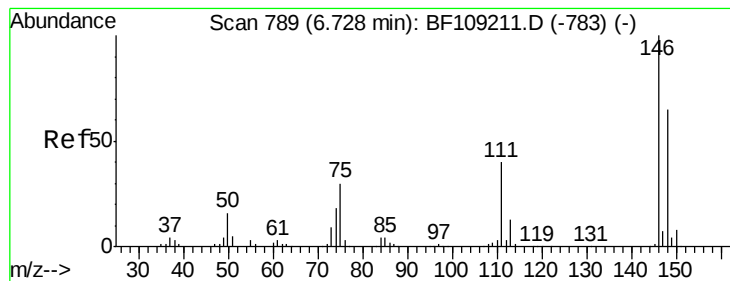
148 64.3 51.8 77.8

75 30.8 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: 33.913 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

Instrument :

BNA_F

ClientSampled :

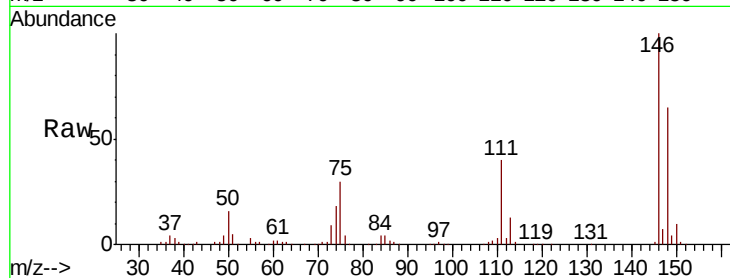
Tot Ion:146 Resp: 286440

Ion Ratio Lower Upper

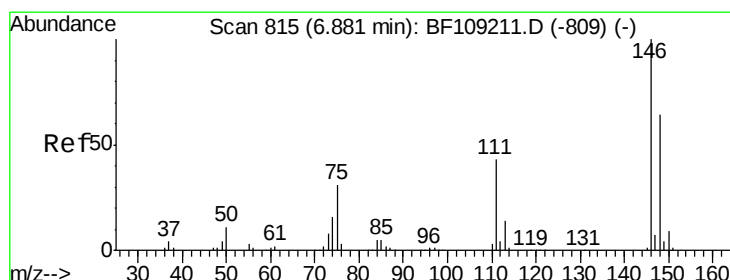
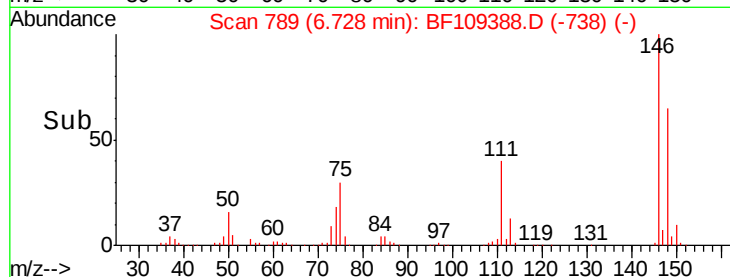
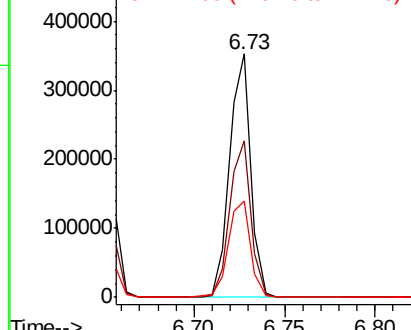
146 100

148 64.5 50.8 76.2

111 39.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.793 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

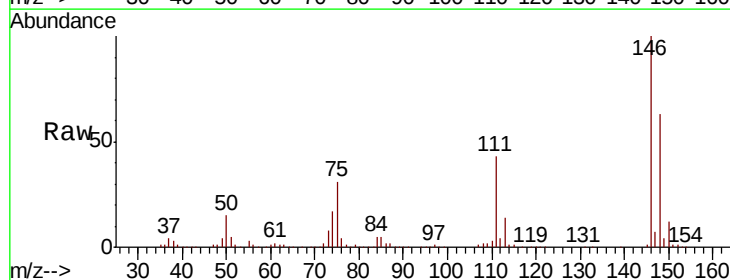
Tgt Ion:146 Resp: 271098

Ion Ratio Lower Upper

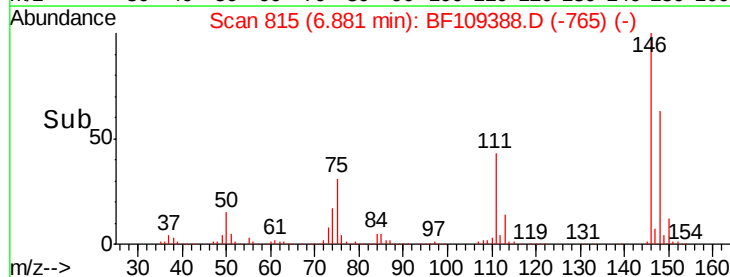
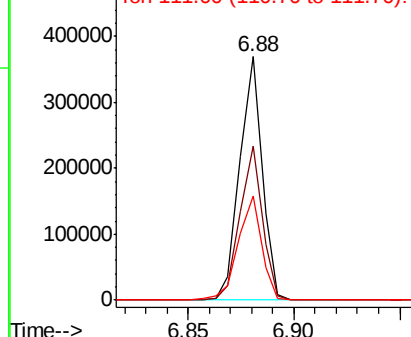
146 100

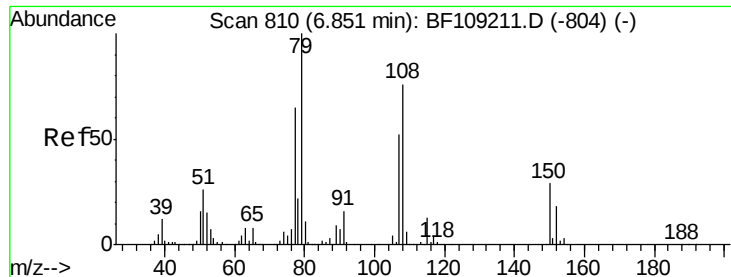
148 63.2 50.6 75.8

111 42.9 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.721 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

Instrument :

BNA_F

ClientSampleId :

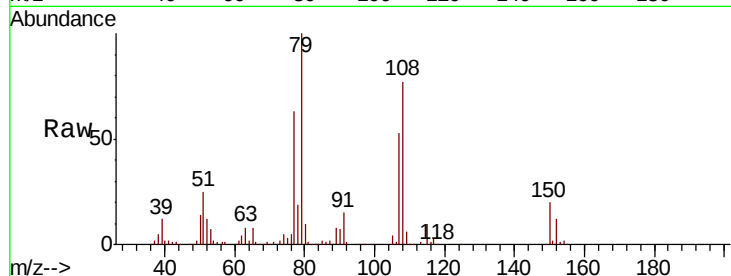
Tot Ion: 79 Resp: 234861

Ion Ratio Lower Upper

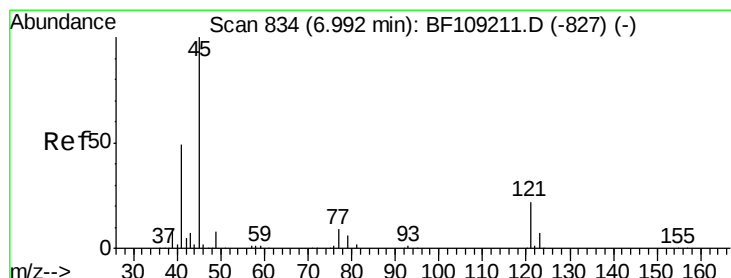
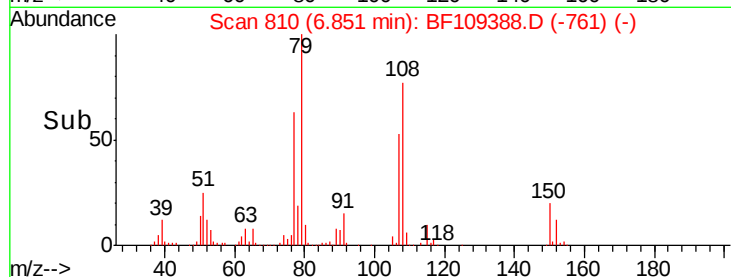
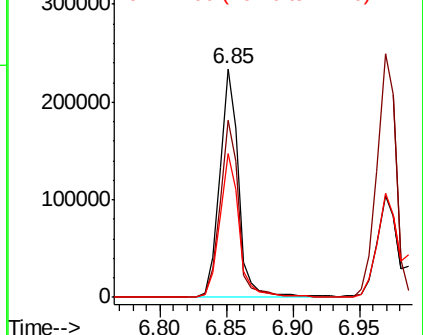
79 100

108 77.4 65.1 97.7

77 63.2 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: 33.665 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

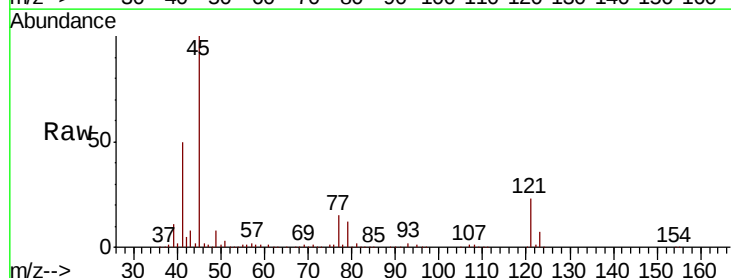
Tgt Ion: 45 Resp: 353572

Ion Ratio Lower Upper

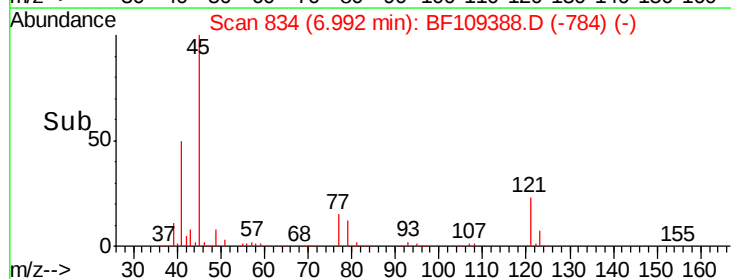
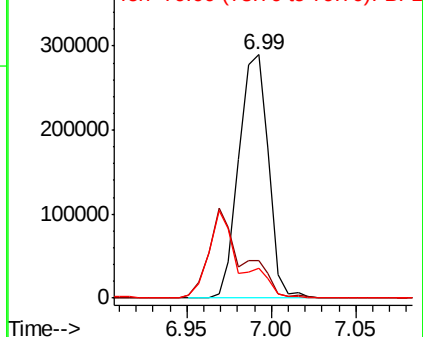
45 100

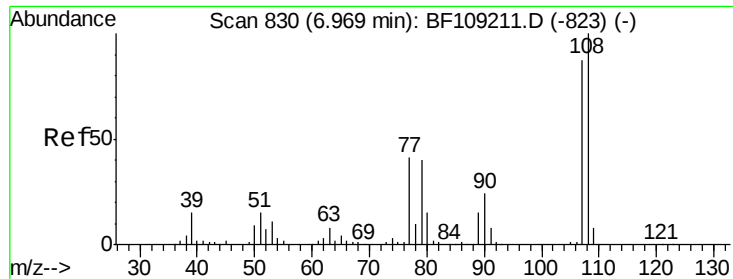
77 15.3 0.0 32.9

79 12.1 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

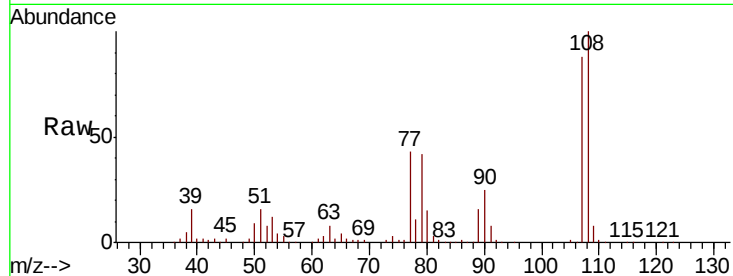




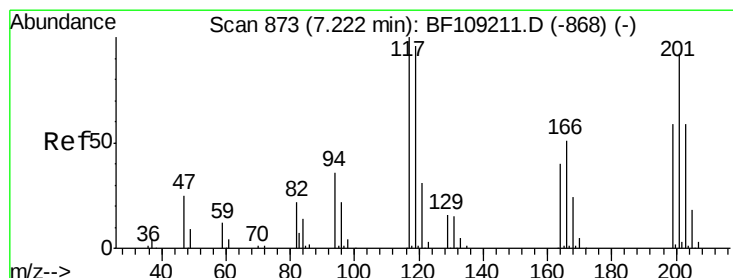
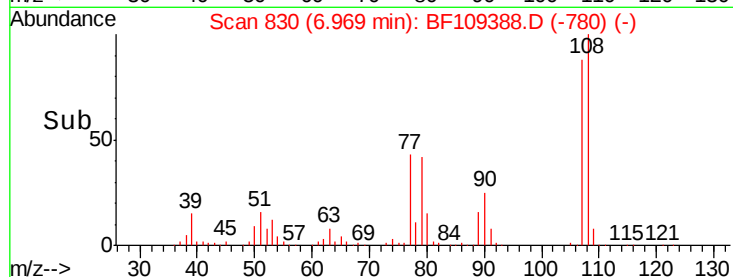
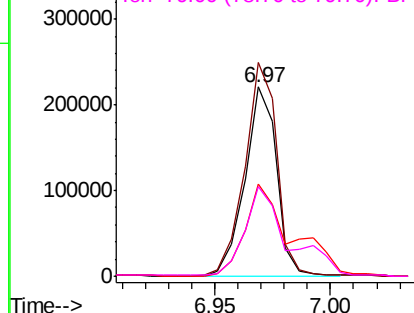
#17
2-Methylphenol
Concen: 36.094 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	212665
Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.7	137.5
77	48.6	33.8	50.8
79	47.4	33.8	50.8

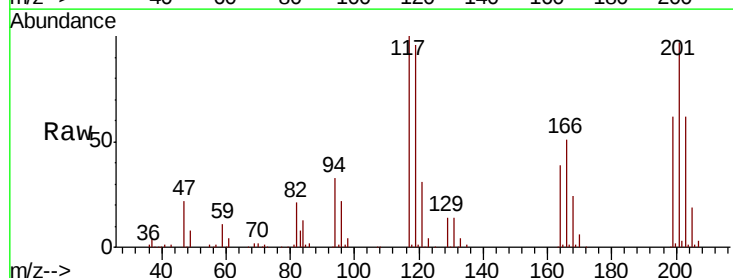


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

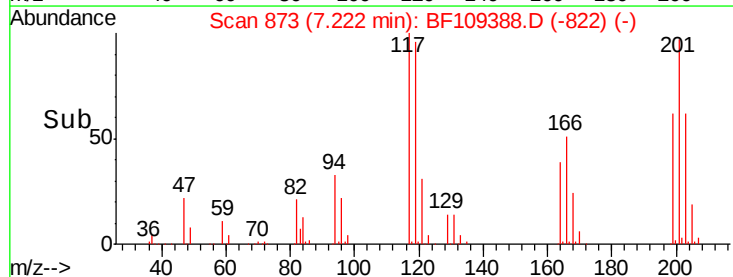
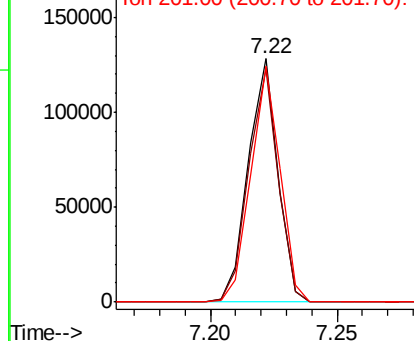


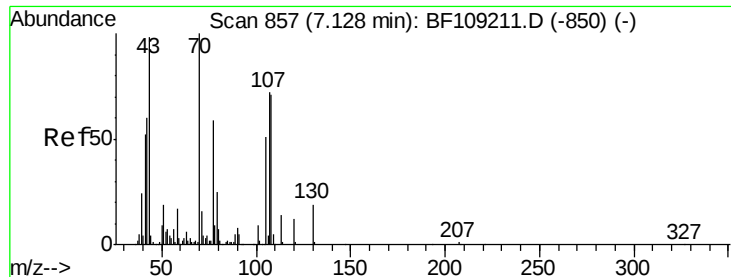
#18
Hexachloroethane
Concen: 35.034 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Tgt Ion:	117	Resp:	104254
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.8
201	97.0	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

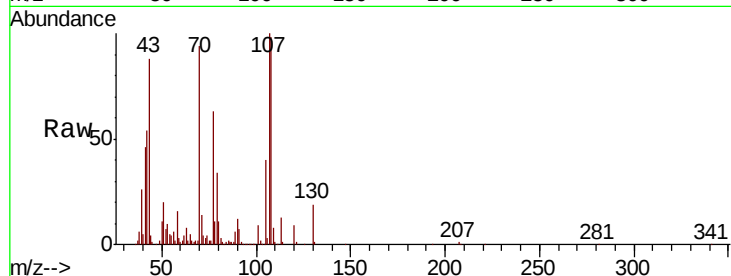




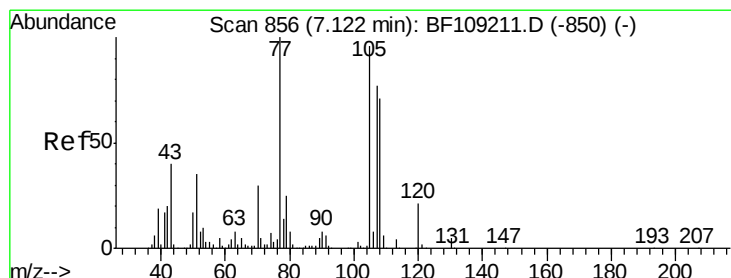
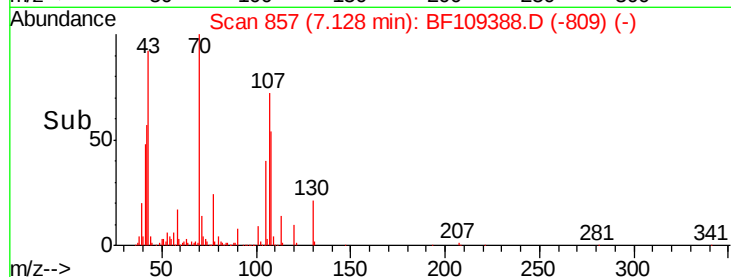
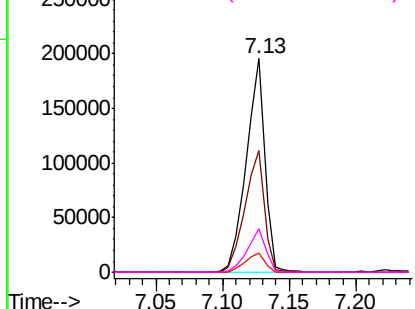
#19
n-Nitroso-di-n-propylamine
Concen: 34.480 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	188780
Ion	Ratio	Lower	Upper
70	100		
42	57.0	47.5	71.3
101	9.1	7.4	11.2
130	20.5	16.6	25.0

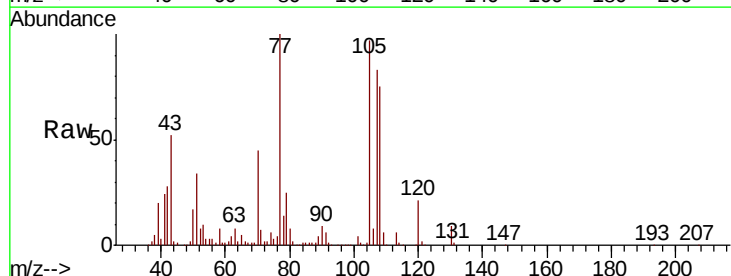


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

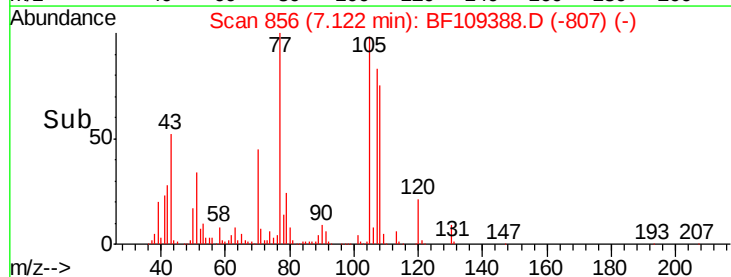
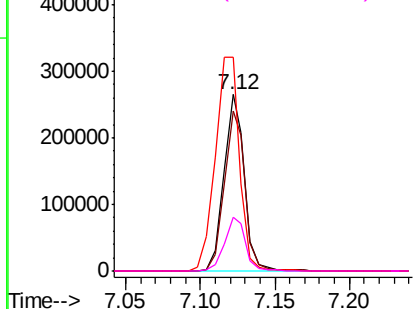


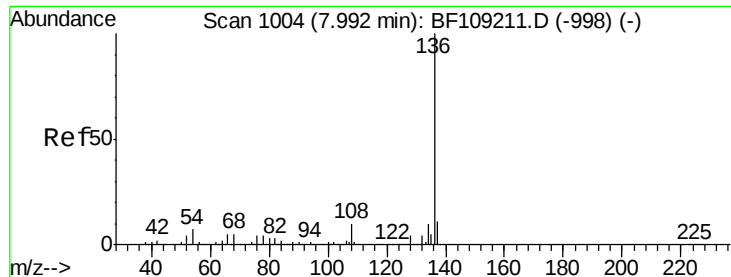
#20
3+4-Methylphenols
Concen: 36.133 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Tgt Ion:	107	Resp:	257036
Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.2	108.2
77	121.0	26.7	66.7#
79	30.3	6.3	46.3



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

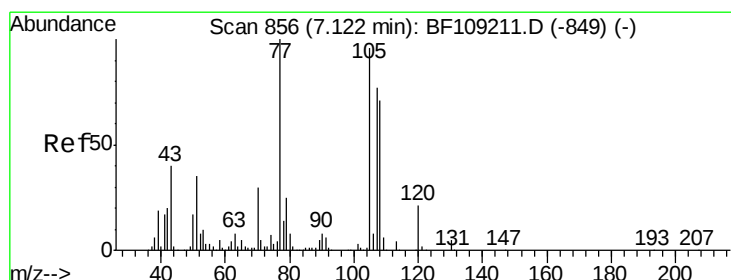
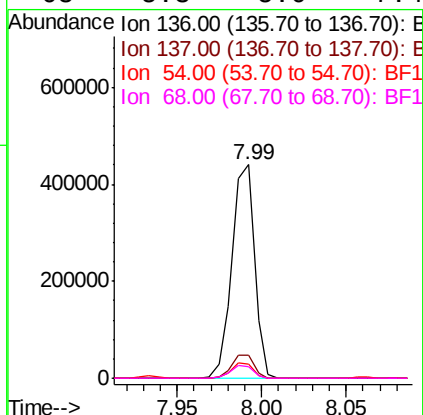
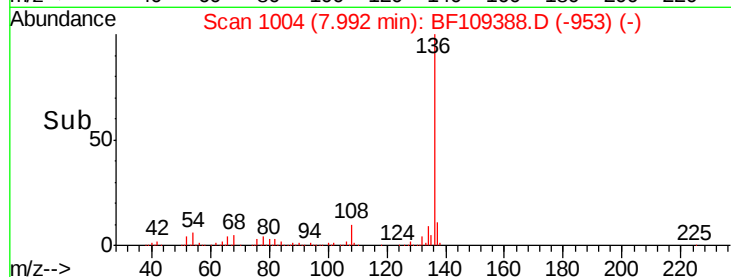
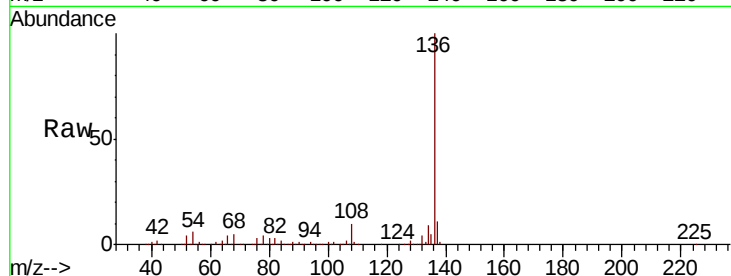




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

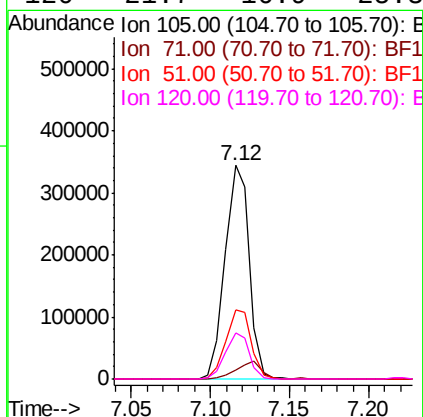
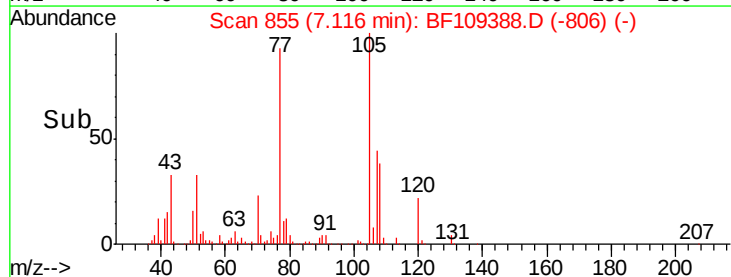
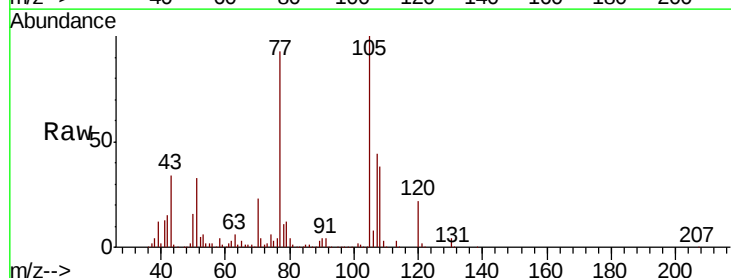
Instrument :
BNA_F
ClientSampleId :

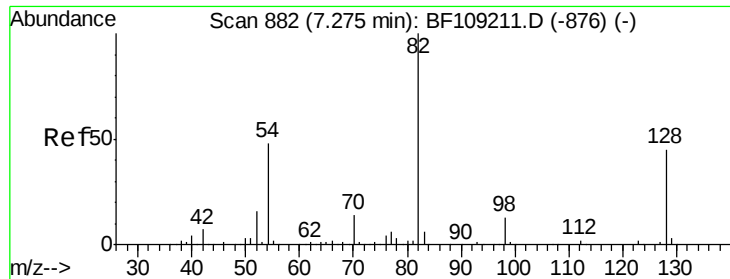
Tot Ion:136	Resp:	410808
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.4	6.6 9.8#
68	5.3	5.0 7.4



#22
Acetophenone
Concen: 38.219 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Tgt Ion:105	Resp:	363000
Ion Ratio	Lower	Upper
105	100	
71	3.9	4.4 6.6#
51	32.6	22.3 33.5
120	21.7	16.9 25.3

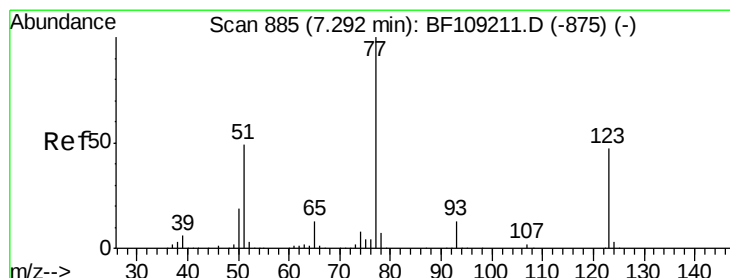
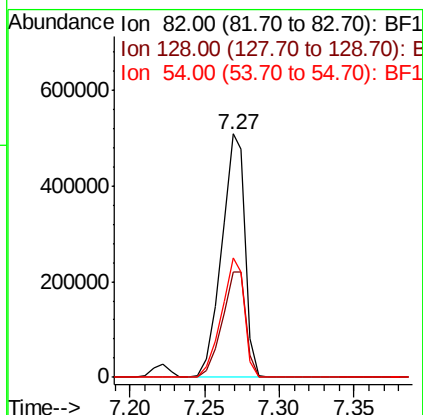
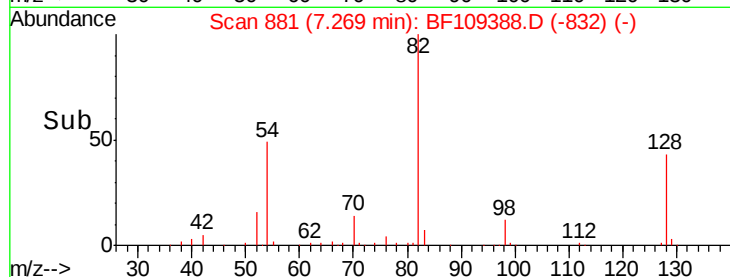
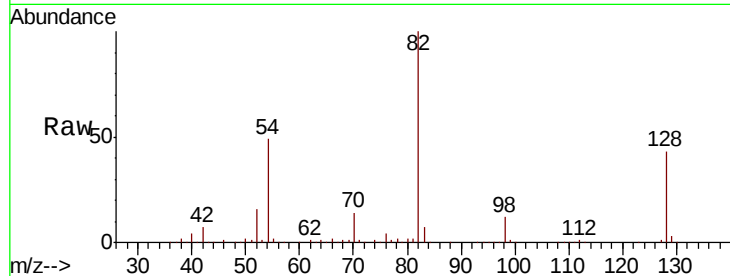




#23
 Nitrobenzene-d5
 Concen: 80.620 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109388.D
 Acq: 27 Sep 2018 15:46

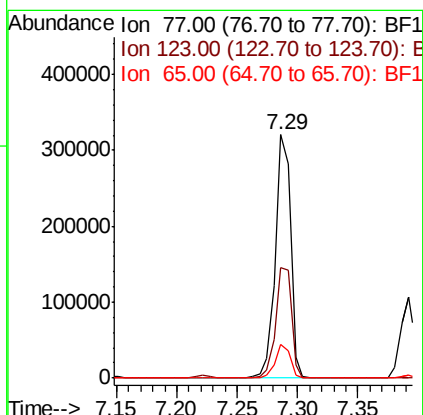
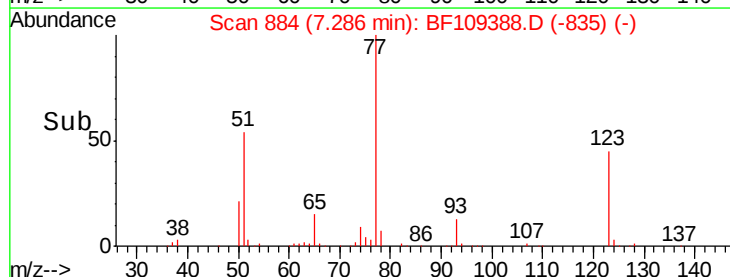
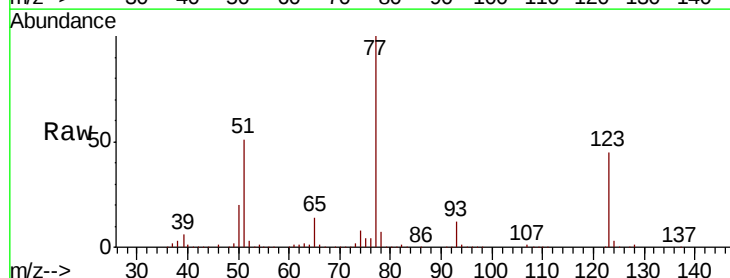
Instrument :
 BNA_F
 ClientSampleId :

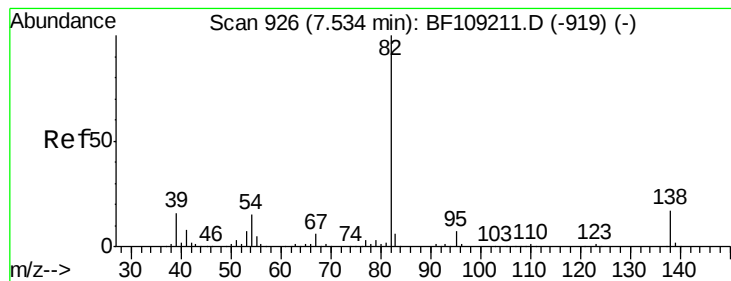
Tot Ion: 82 Resp: 561044
 Ion Ratio Lower Upper
 82 100
 128 43.2 36.1 54.1
 54 48.9 41.4 62.2



#24
 Nitrobenzene
 Concen: 37.954 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF109388.D
 Acq: 27 Sep 2018 15:46

Tgt Ion: 77 Resp: 280839
 Ion Ratio Lower Upper
 77 100
 123 45.3 37.9 56.9
 65 14.0 11.0 16.4





#25

Isophorone

Concen: 40.944 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

Instrument :

BNA_F

ClientSampleId :

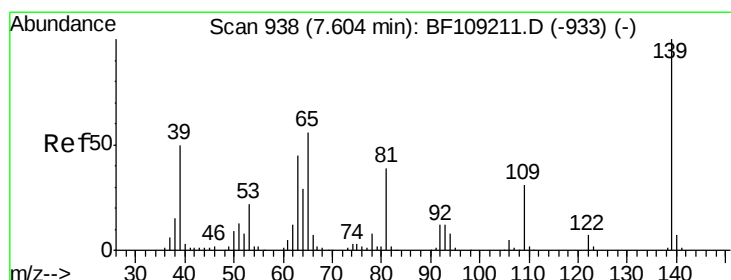
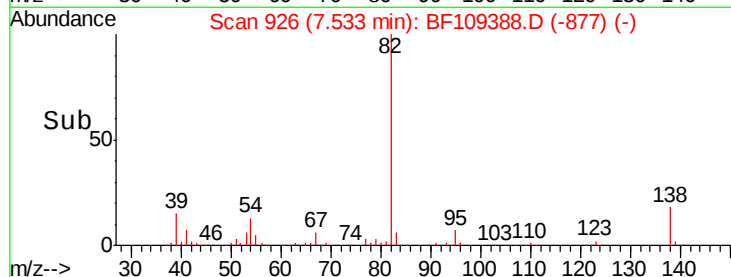
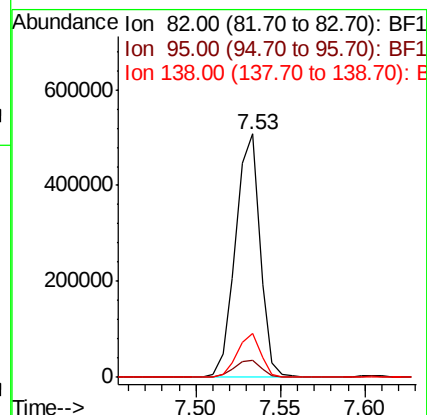
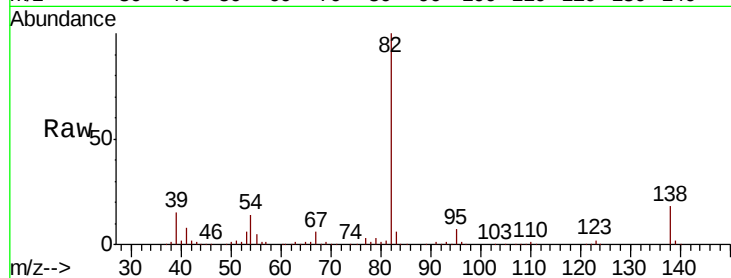
Tot Ion: 82 Resp: 513097

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 46.274 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

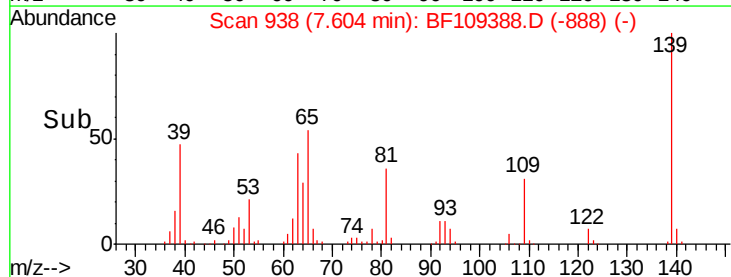
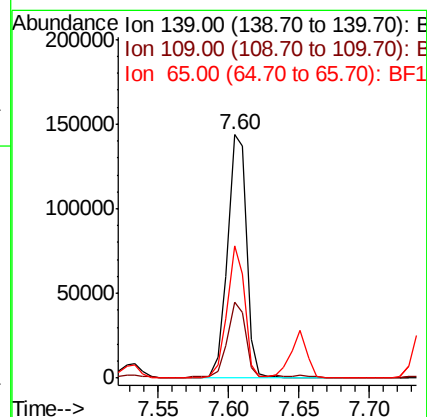
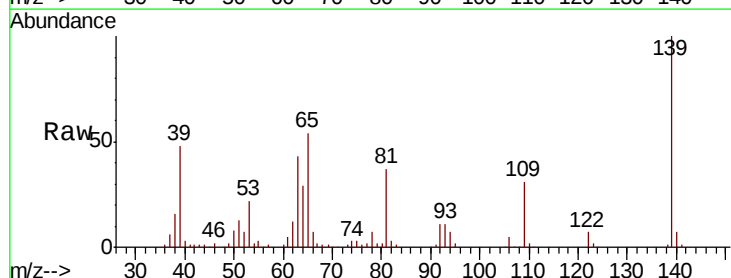
Tgt Ion: 139 Resp: 135410

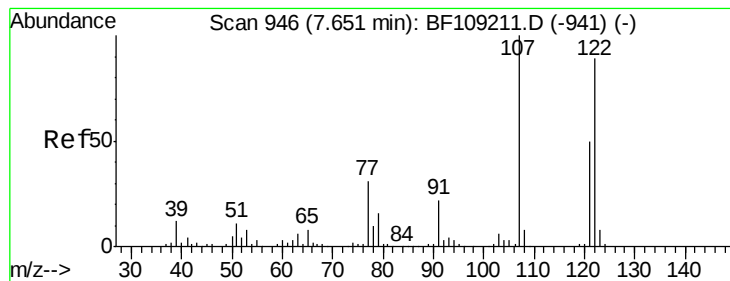
Ion Ratio Lower Upper

139 100

109 31.1 22.7 34.1

65 54.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 42.352 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

Instrument :

BNA_F

ClientSampleId :

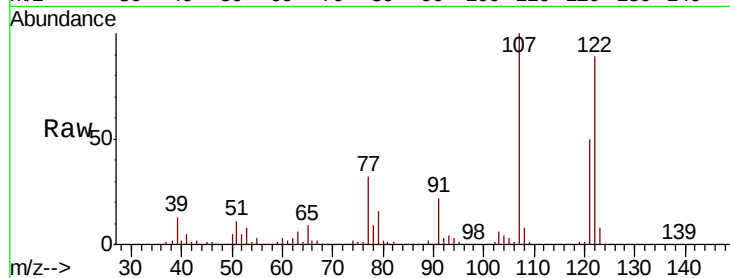
Tot Ion:122 Resp: 231259

Ion Ratio Lower Upper

122 100

107 112.5 91.2 136.8

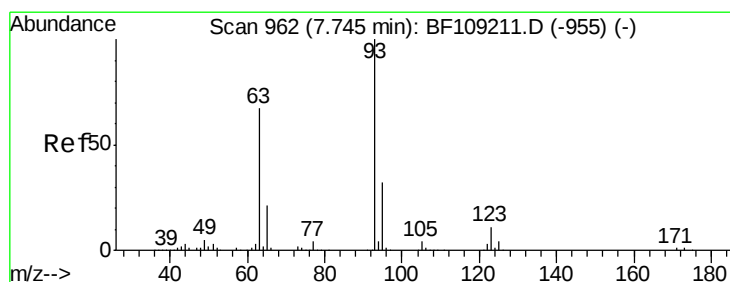
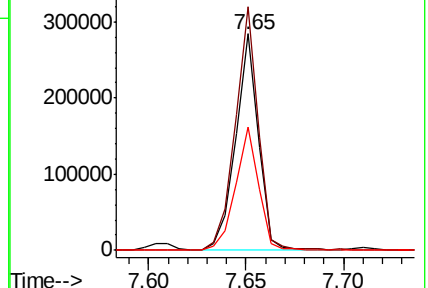
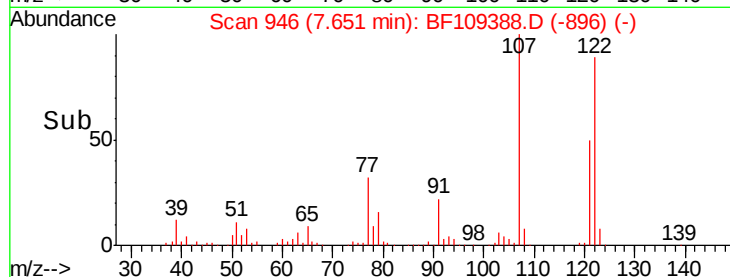
121 56.7 47.2 70.8



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: 38.329 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

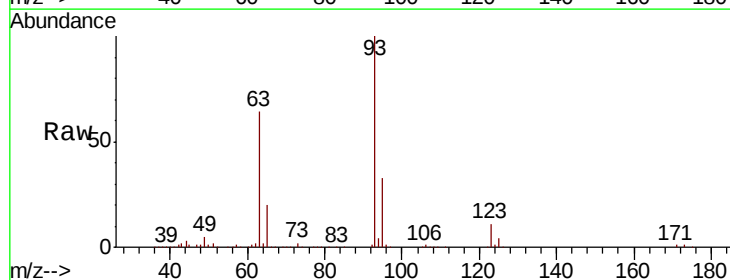
Tgt Ion: 93 Resp: 317960

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

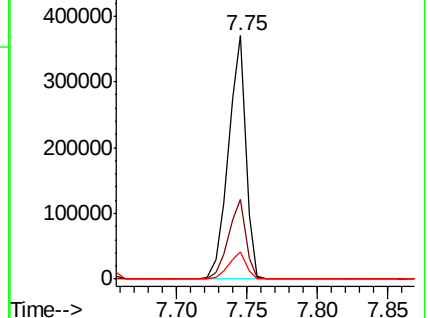
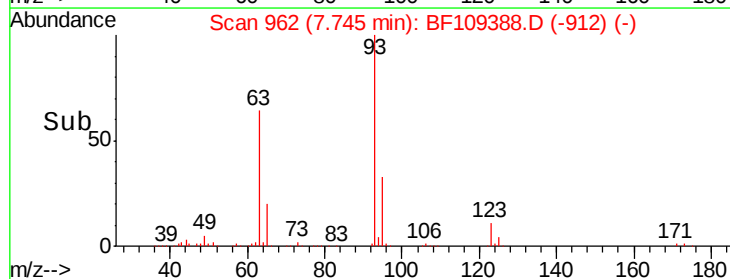
123 11.1 9.8 14.6

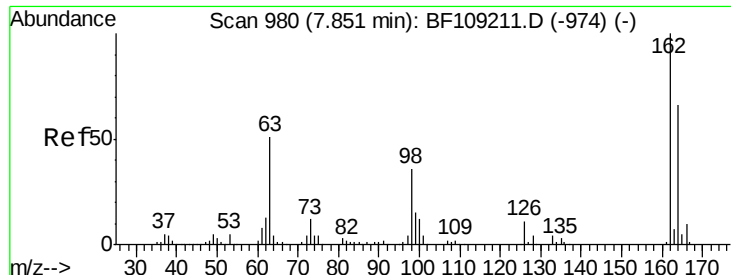


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

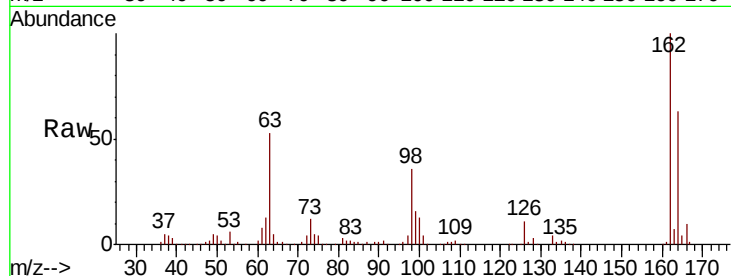




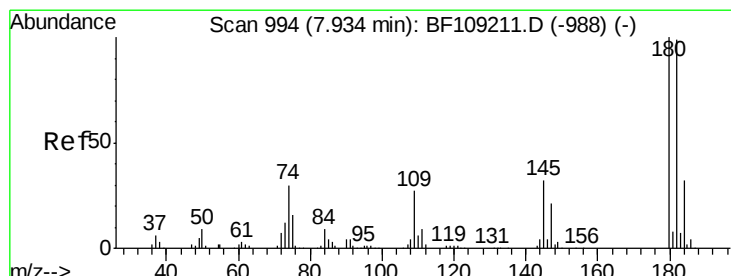
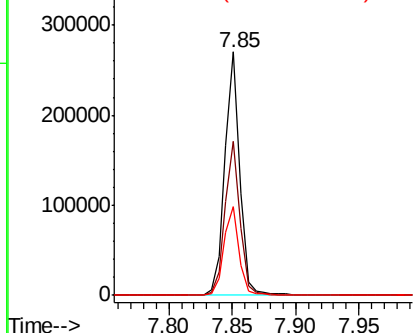
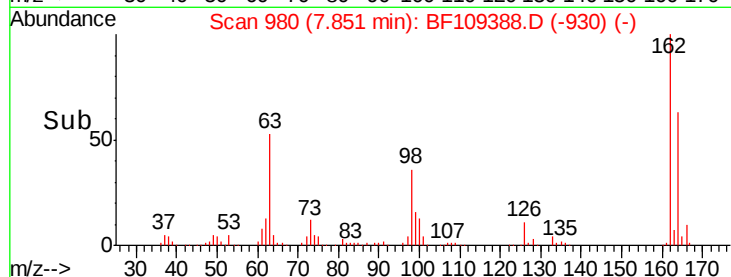
#29
 2,4-Dichlorophenol
 Concen: 38.825 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109388.D
 Acq: 27 Sep 2018 15:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.7	82.7
98	36.3	18.1	58.1

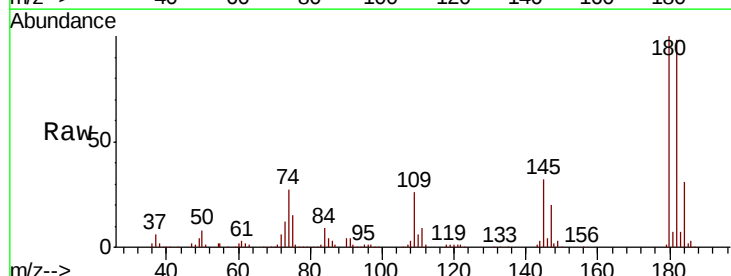


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

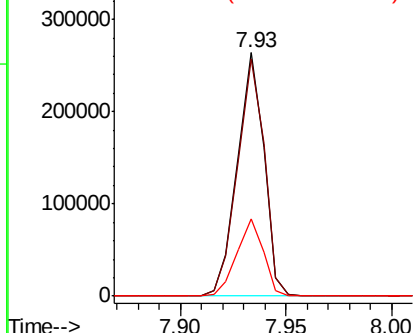
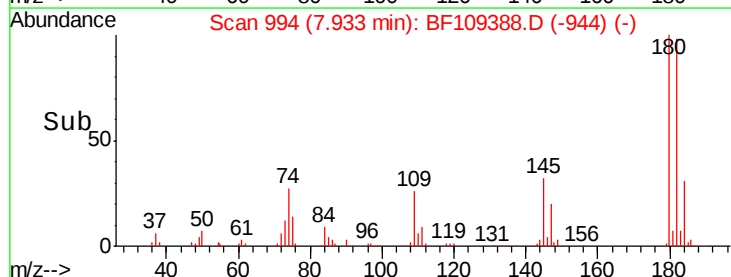


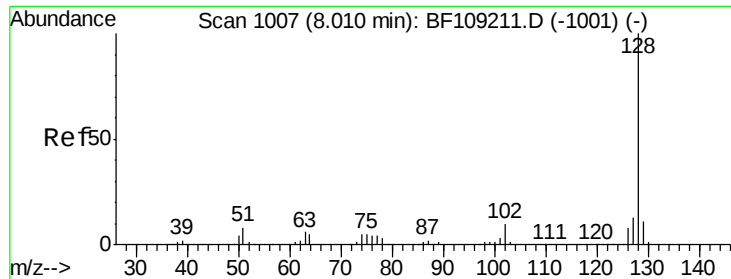
#30
 1,2,4-Trichlorobenzene
 Concen: 35.835 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109388.D
 Acq: 27 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.8	115.2
145	31.9	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

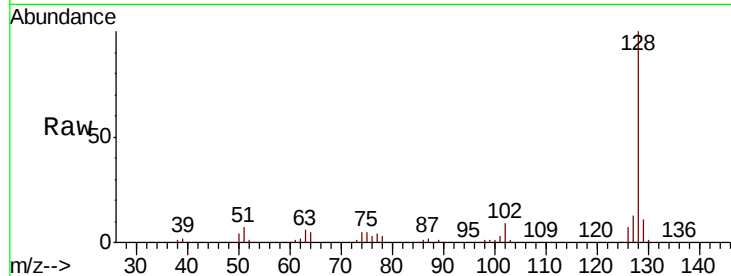




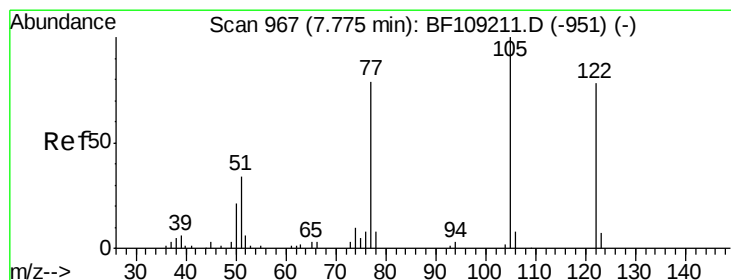
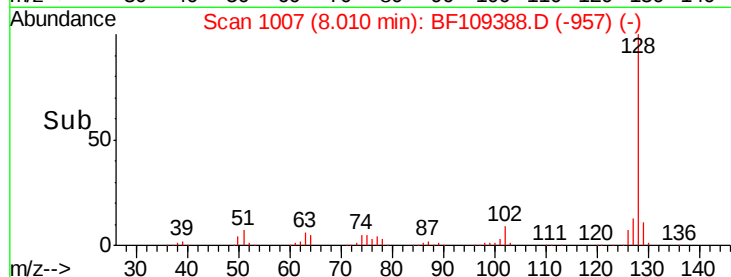
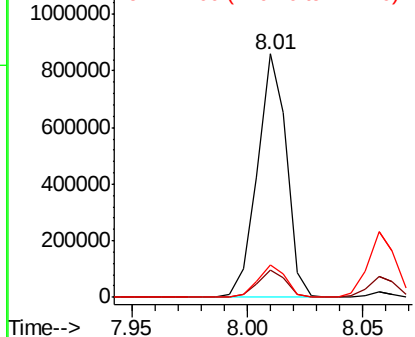
#31
Naphthalene
Concen: 39.349 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 755390
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.1 10.9 16.3

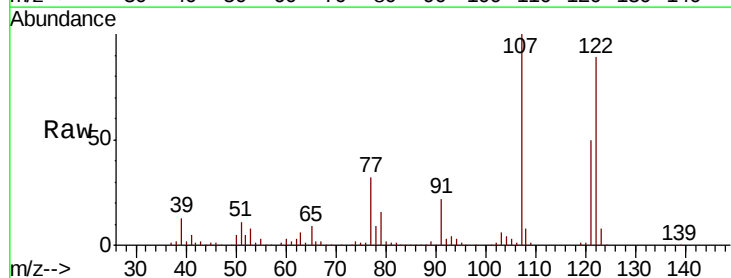


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

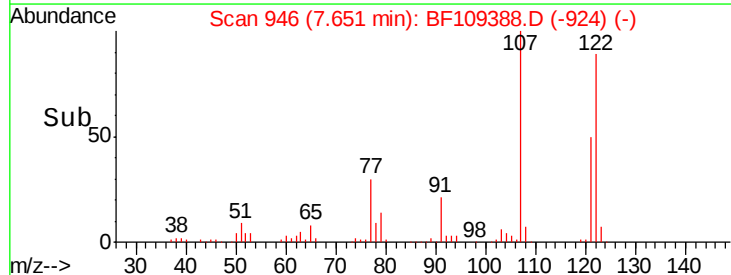
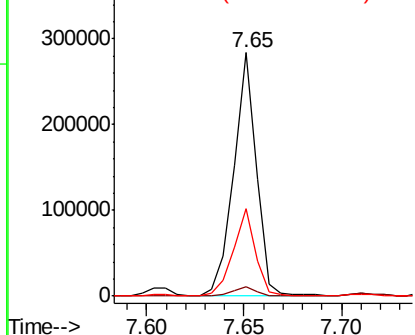


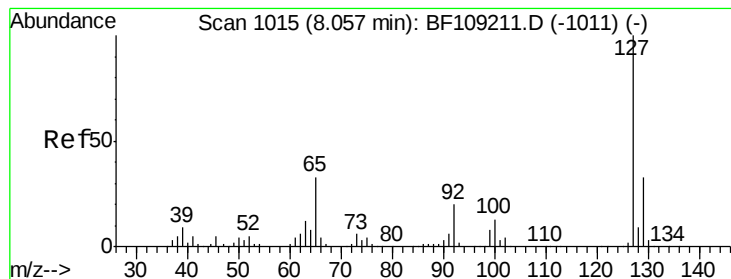
#32
Benzoic acid
Concen: 60.296 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.17 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Tgt Ion:122 Resp: 231259
Ion Ratio Lower Upper
122 100
105 3.7 101.1 141.1#
77 36.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 23.933 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF109388.D

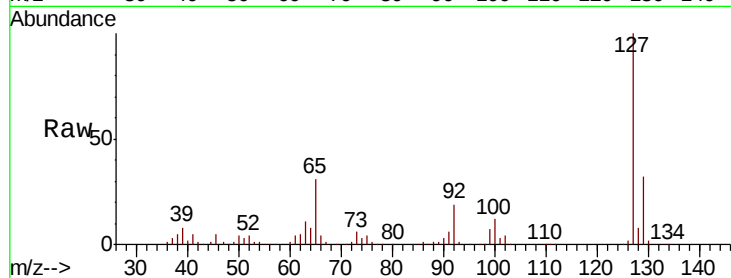
Acq: 27 Sep 2018 15:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	200708
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	30.9	25.0	37.4
92	19.0	15.2	22.8

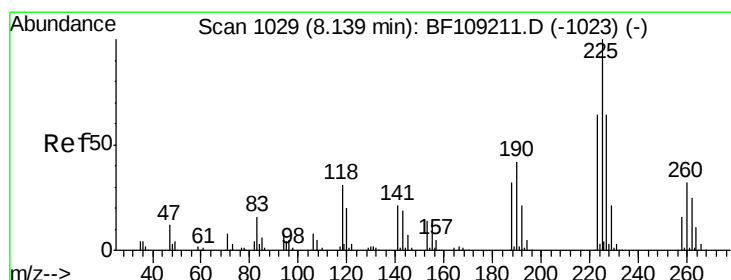
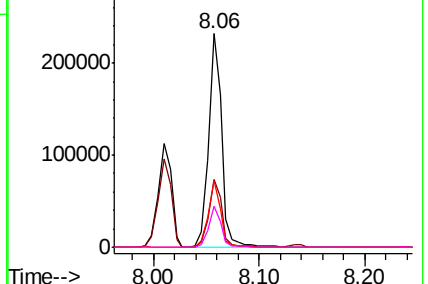
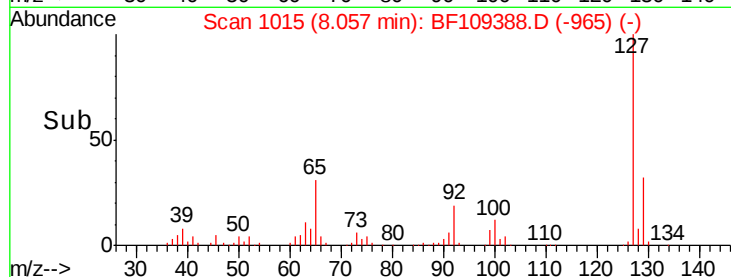


Abundance Ion 127.00 (126.70 to 127.70): E

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: 35.365 ng

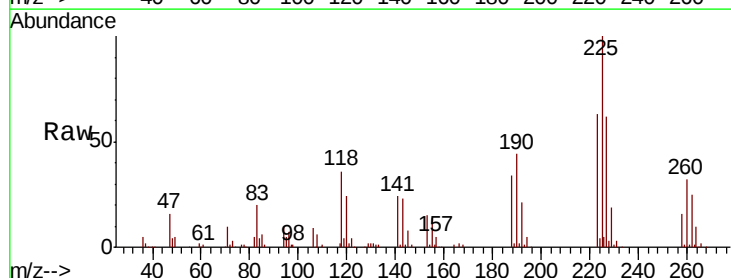
RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

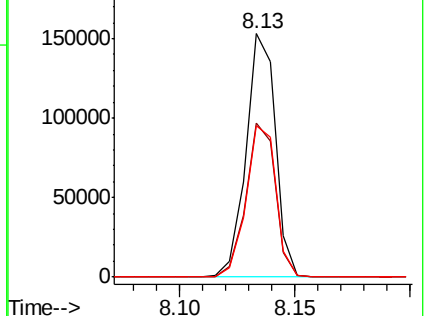
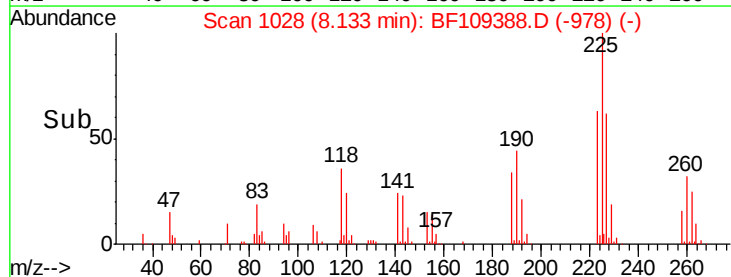
Tgt Ion:	225	Resp:	136669
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	62.0	51.9	77.9

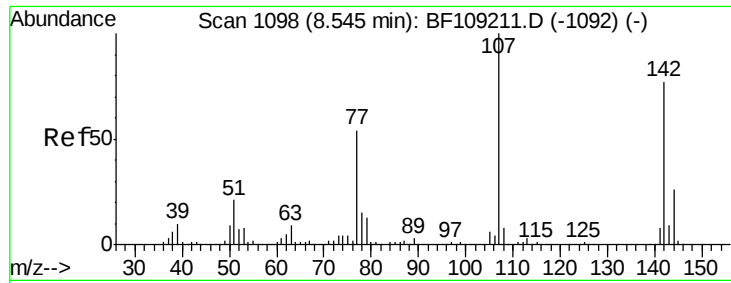


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

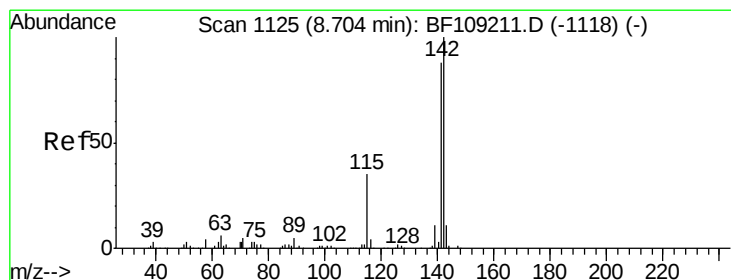
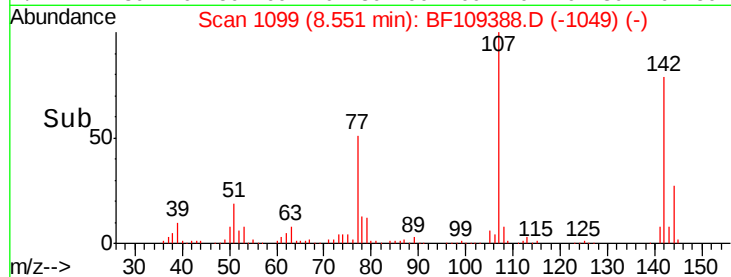
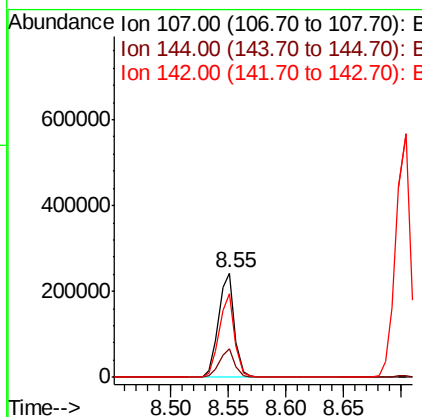
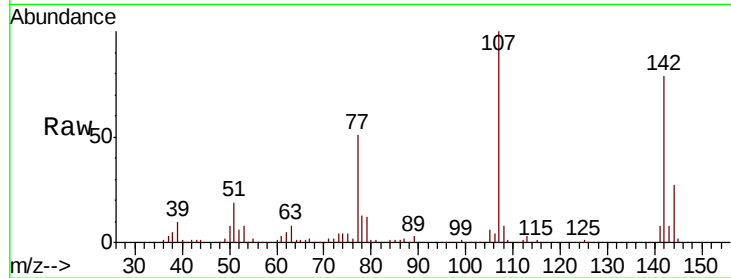




#36
 4-Chloro-3-methylphenol
 Concen: 38.549 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109388.D
 Acq: 27 Sep 2018 15:46

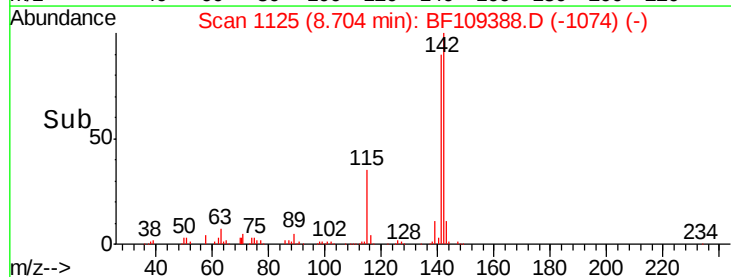
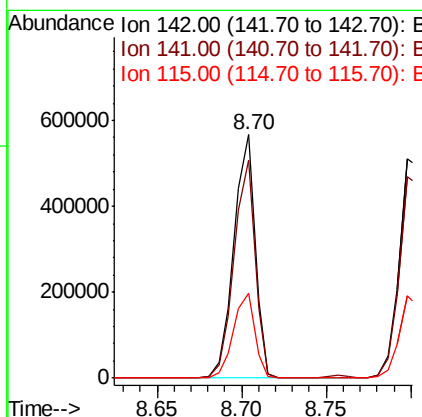
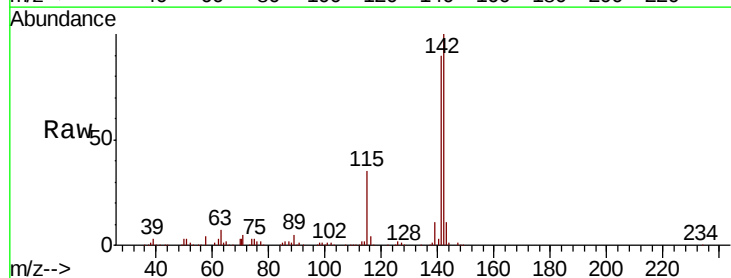
Instrument :
 BNA_F
 ClientSampleId :

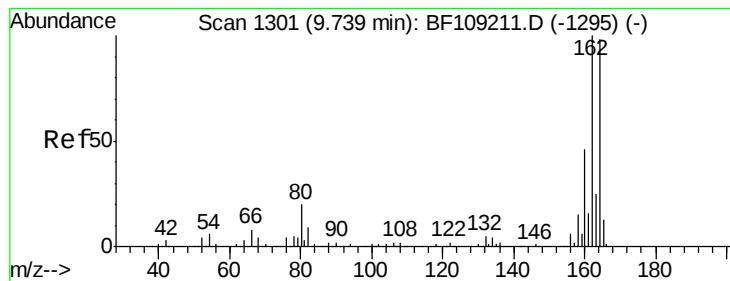
Tot Ion:107 Resp: 232717
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.5 30.7
 142 79.4 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 40.200 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BF109388.D
 Acq: 27 Sep 2018 15:46

Tgt Ion:142 Resp: 497489
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.8 106.2
 115 35.1 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

Instrument :

BNA_F

ClientSampleId :

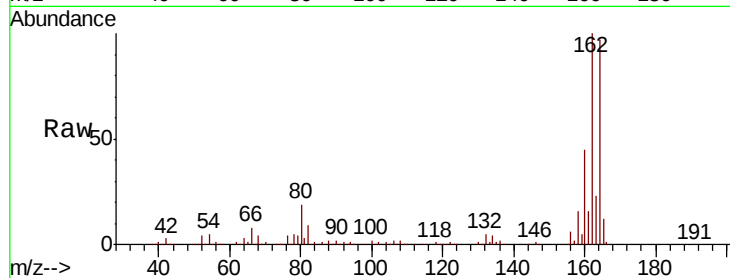
Tot Ion:164 Resp: 193140

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

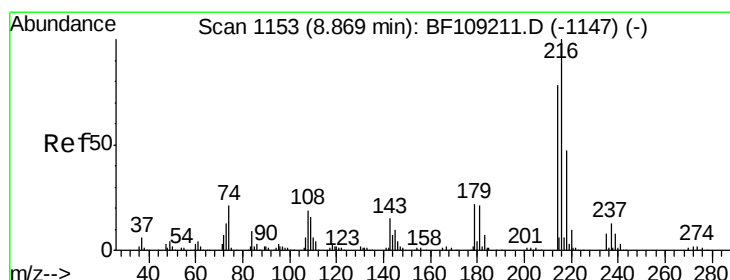
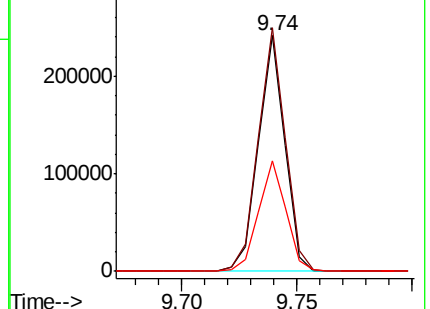
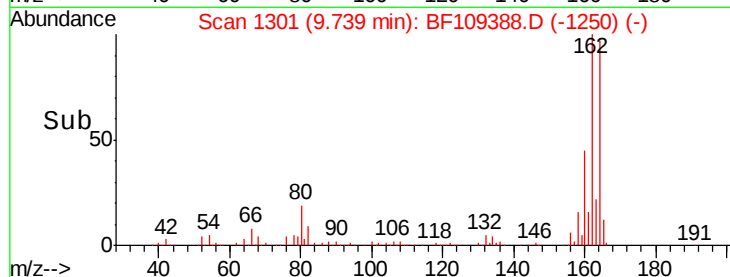
160 47.0 38.3 57.5



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: 37.232 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

Tgt Ion:216 Resp: 228857

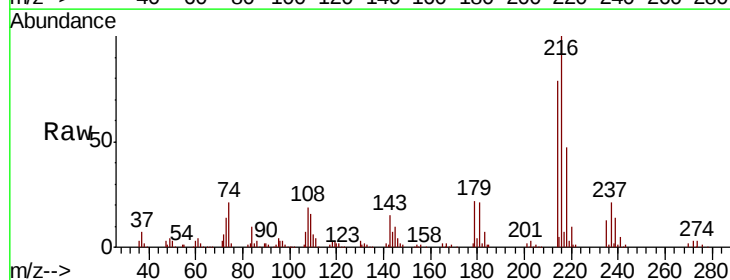
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 20.7 18.1 27.1

108 19.3 17.2 25.8

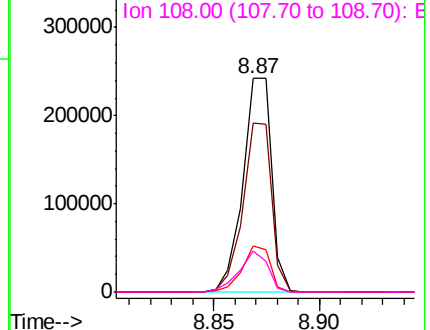
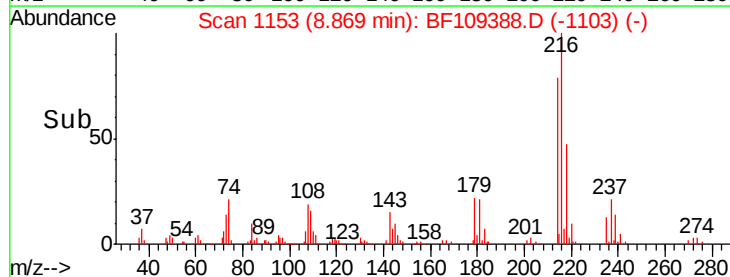


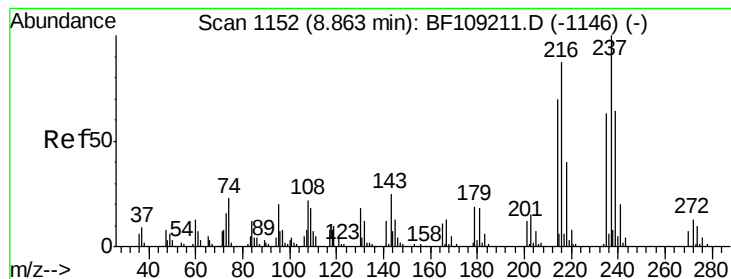
Abundance Ion 216.00 (215.70 to 216.70): E

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: 53.537 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

Instrument :

BNA_F

ClientSampleId :

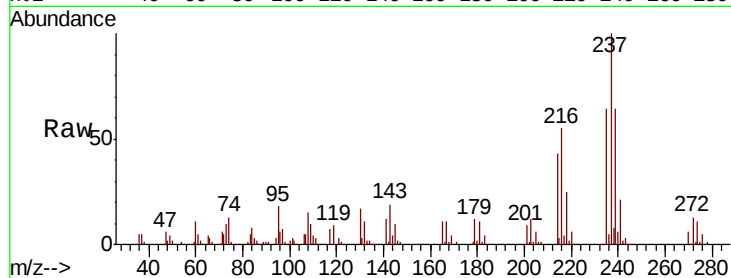
Tot Ion:237 Resp: 143535

Ion Ratio Lower Upper

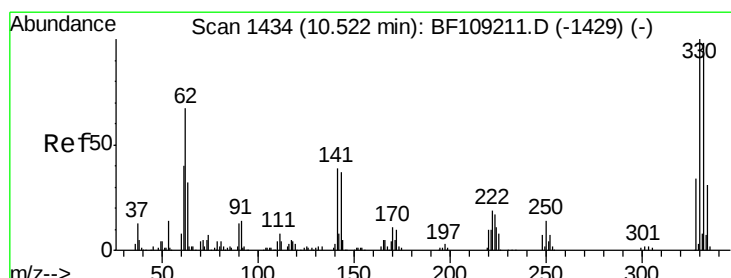
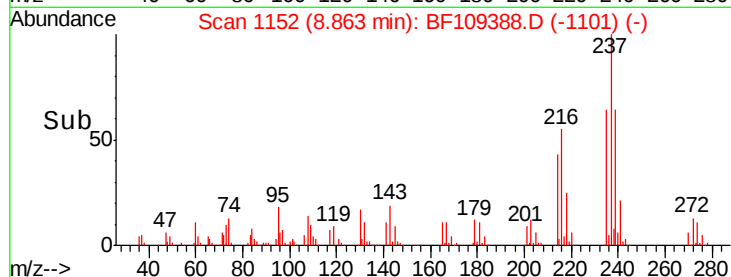
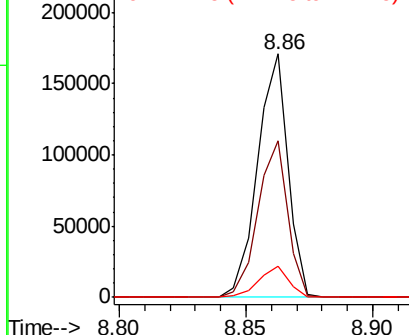
237 100

235 64.2 44.8 84.8

272 12.9 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: 115.642 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

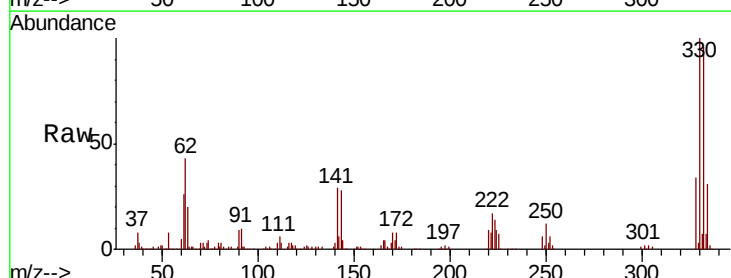
Tgt Ion:330 Resp: 220177

Ion Ratio Lower Upper

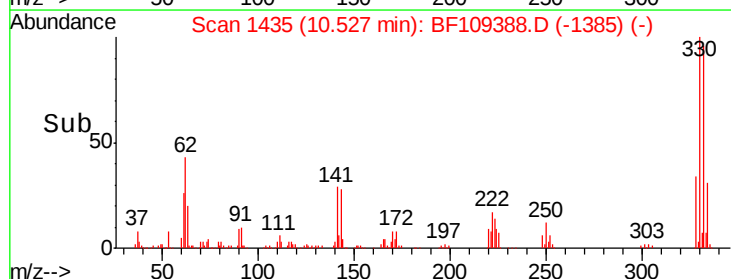
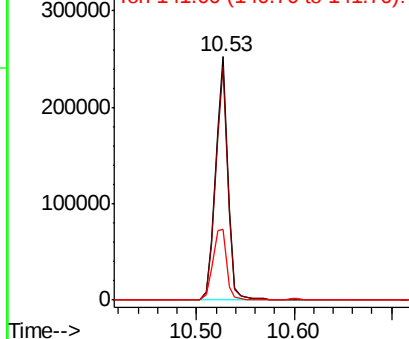
330 100

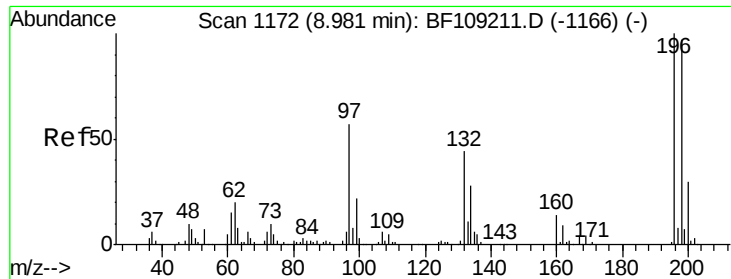
332 95.3 77.0 115.6

141 32.9 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

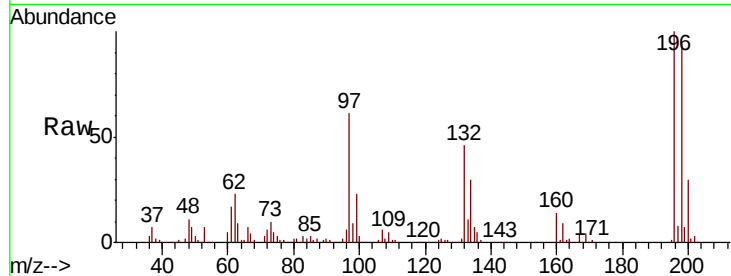




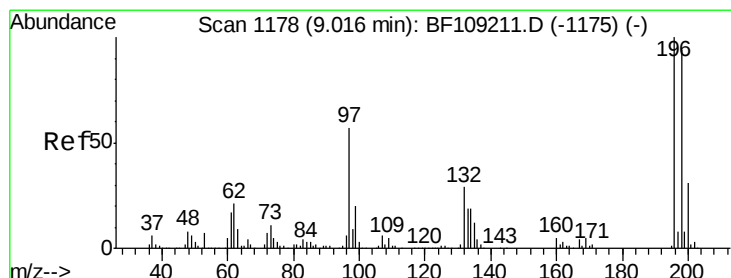
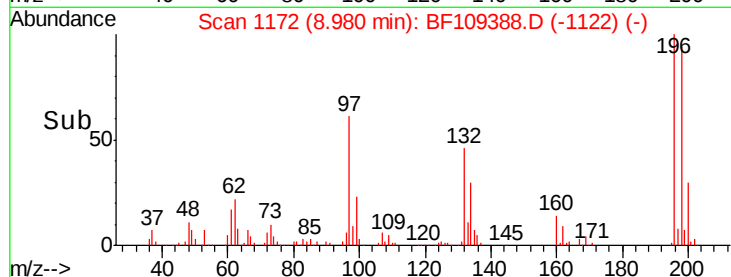
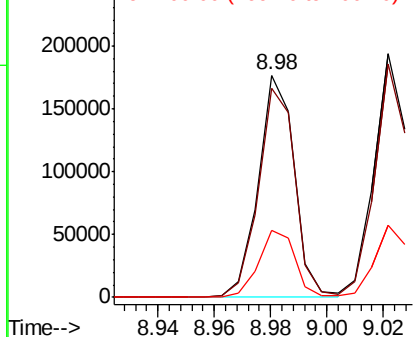
#42
 2,4,6-Trichlorophenol
 Concen: 39.532 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109388.D
 Acq: 27 Sep 2018 15:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	155955
Ion Ratio	Lower	Upper
196	100	
198	94.2	75.7 113.5
200	29.9	24.5 36.7

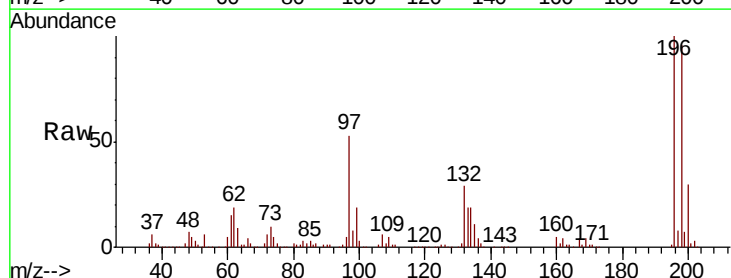


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

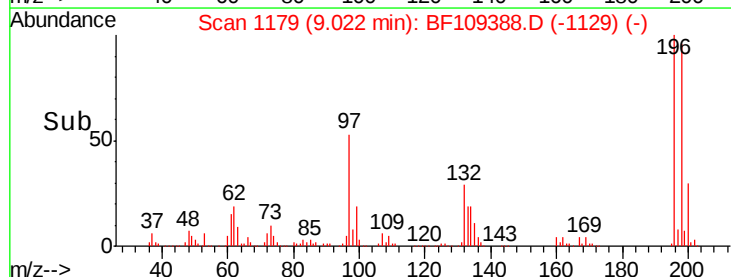
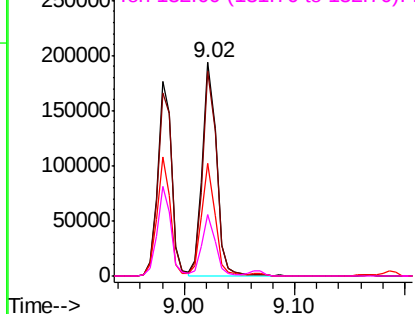


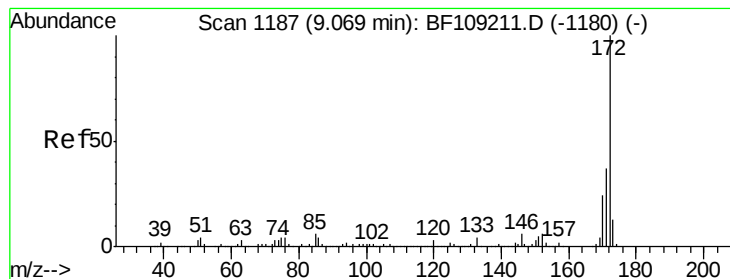
#43
 2,4,5-Trichlorophenol
 Concen: 40.250 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF109388.D
 Acq: 27 Sep 2018 15:46

Tgt Ion:196	Resp:	167700
Ion Ratio	Lower	Upper
196	100	
198	95.9	74.6 112.0
97	52.7	42.9 64.3
132	28.9	26.3 39.5



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





#44

2-Fluorobiphenyl

Concen: 76.600 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

Instrument :

BNA_F

ClientSampled :

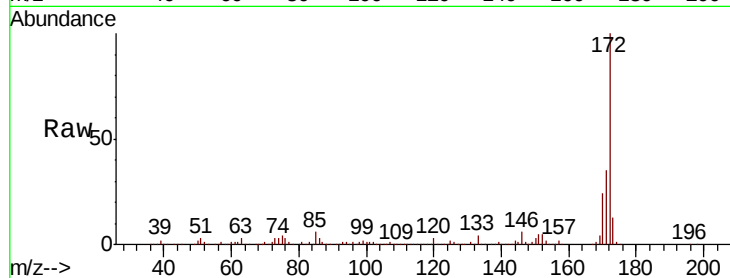
Tot Ion:172 Resp: 980939

Ion Ratio Lower Upper

172 100

171 34.9 29.7 44.5

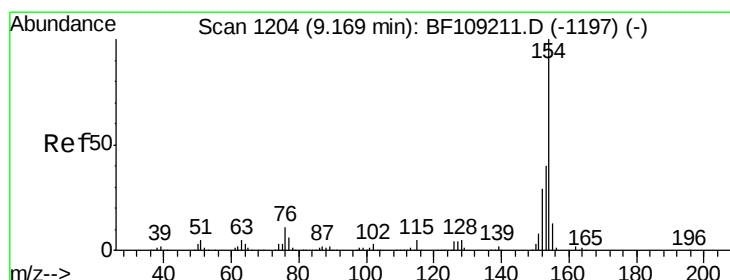
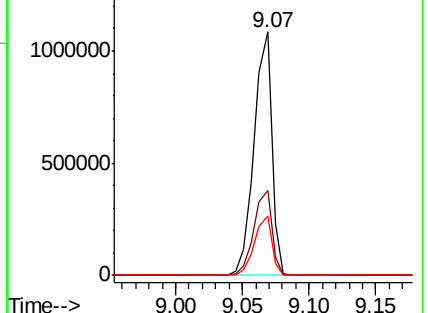
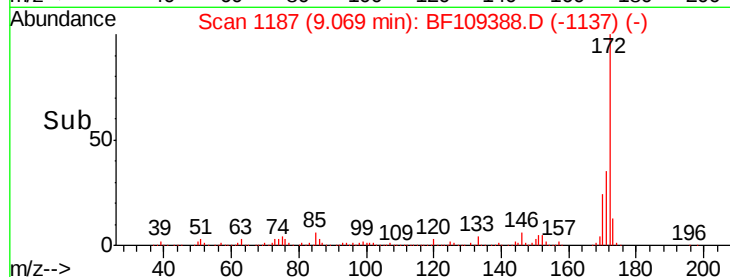
170 24.1 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 37.832 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

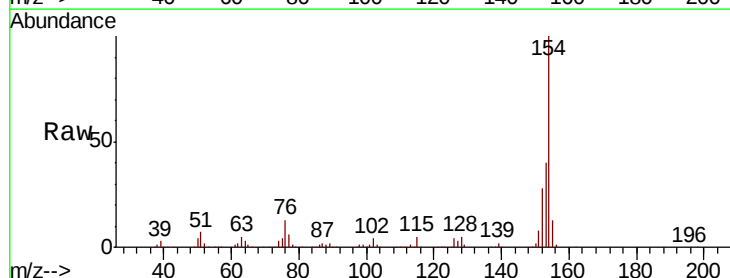
Tgt Ion:154 Resp: 595332

Ion Ratio Lower Upper

154 100

153 40.2 21.3 61.3

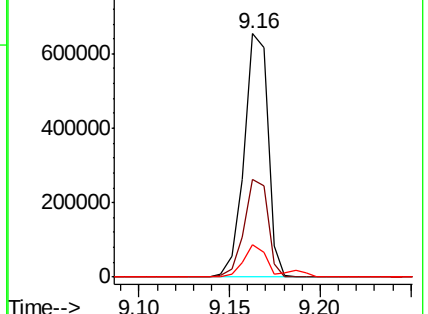
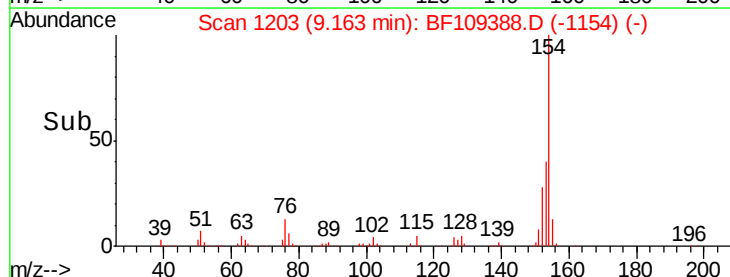
76 13.2 0.0 34.0

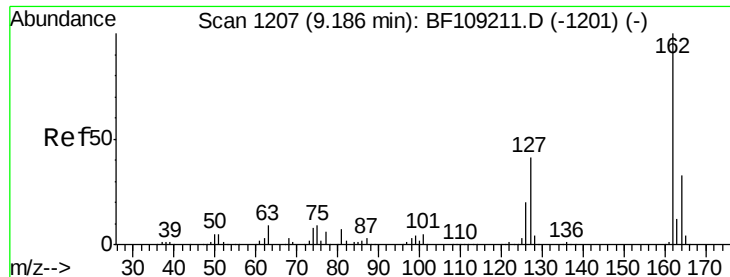


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

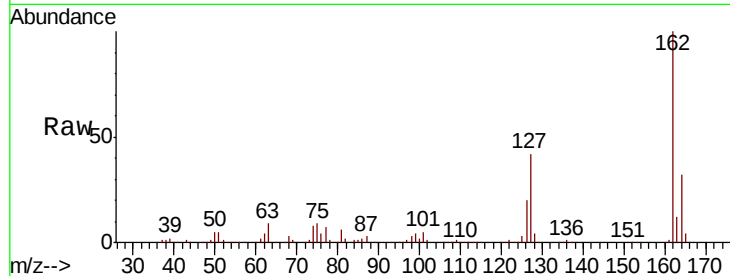




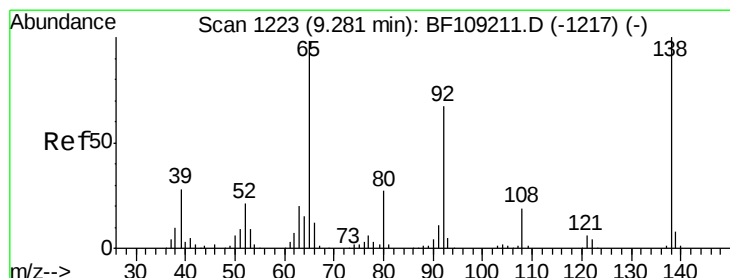
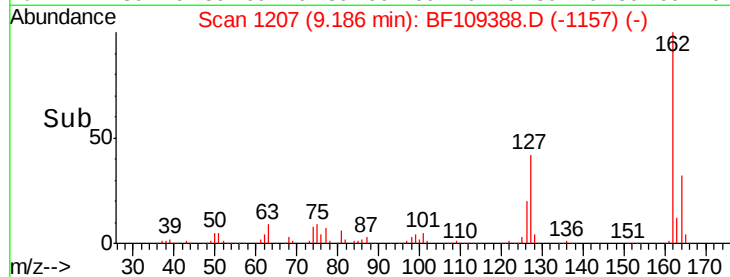
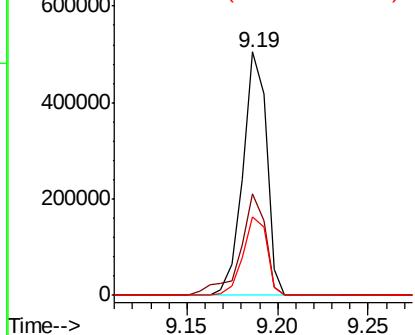
#46
 2-Chloronaphthalene
 Concen: 36.355 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF109388.D
 Acq: 27 Sep 2018 15:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 457030
 Ion Ratio Lower Upper
 162 100
 127 41.9 33.9 50.9
 164 32.0 26.5 39.7

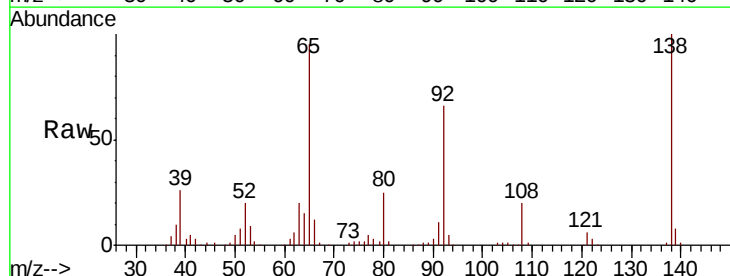


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

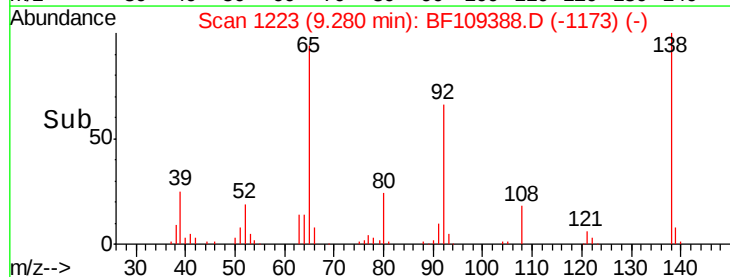
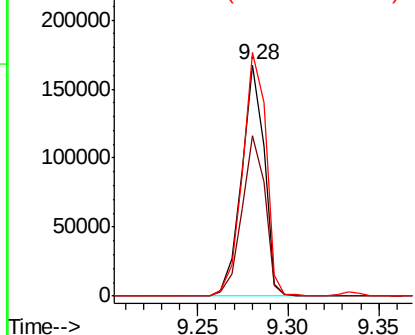


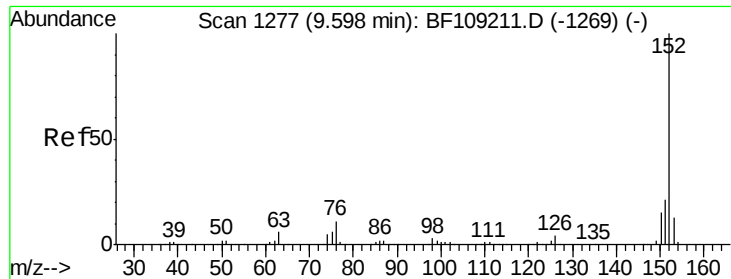
#47
 2-Nitroaniline
 Concen: 40.693 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF109388.D
 Acq: 27 Sep 2018 15:46

Tgt Ion: 65 Resp: 145040
 Ion Ratio Lower Upper
 65 100
 92 69.3 55.8 83.6
 138 105.4 91.2 136.8



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

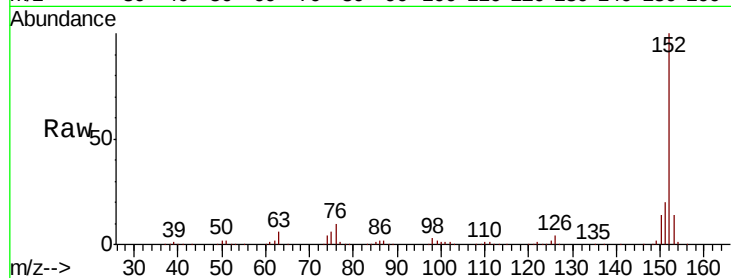




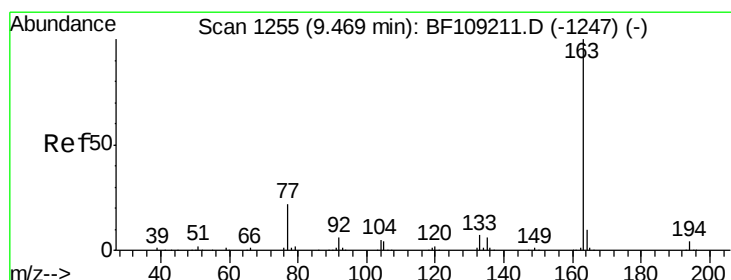
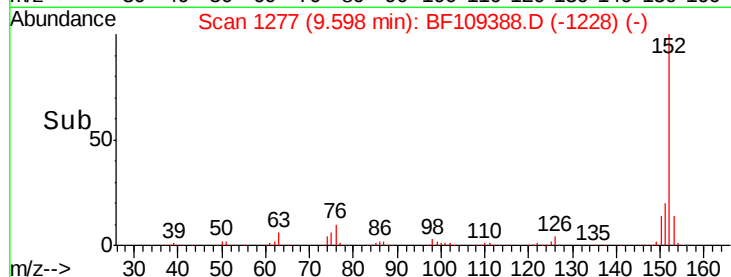
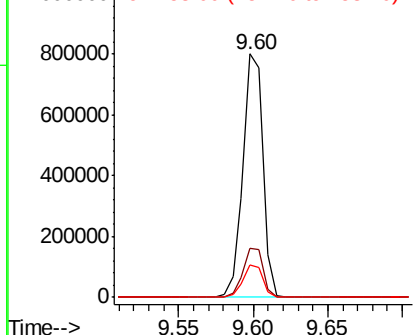
#48
Acenaphthylene
Concen: 39.401 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 747234
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.5 10.7 16.1

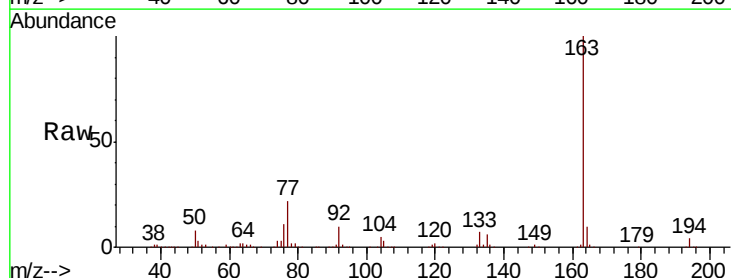


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

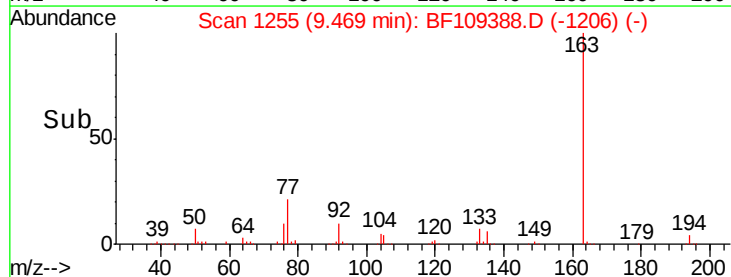
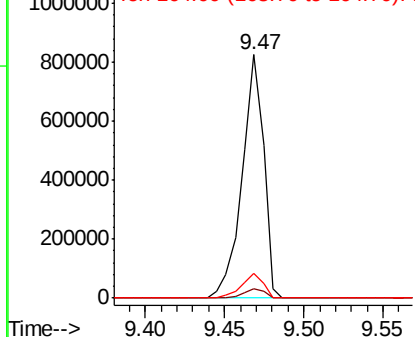


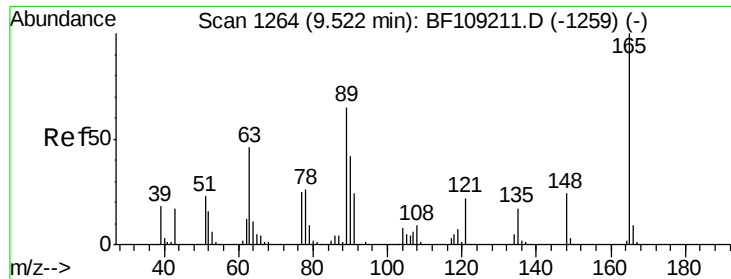
#49
Dimethylphthalate
Concen: 55.204 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Tgt Ion:163 Resp: 775489
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.3 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

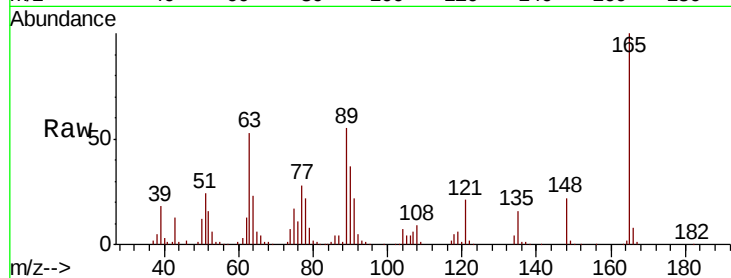




#50
2,6-Dinitrotoluene
Concen: 42.580 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.5	44.7	67.1
89	55.2	44.0	66.0

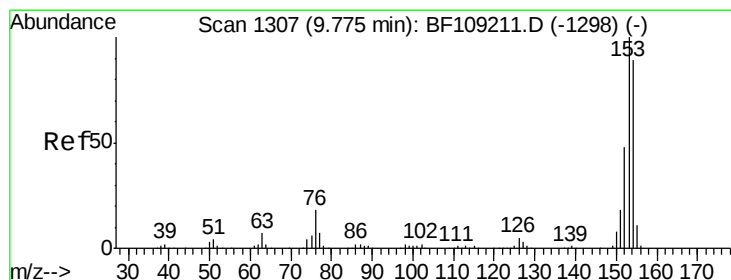
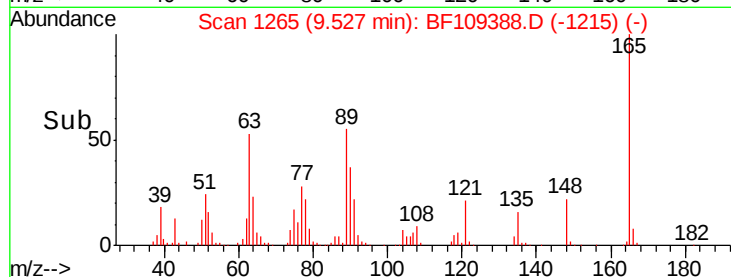
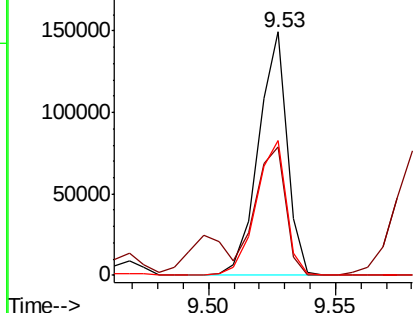


Abundance

Ion 165.00 (164.70 to 165.70): E

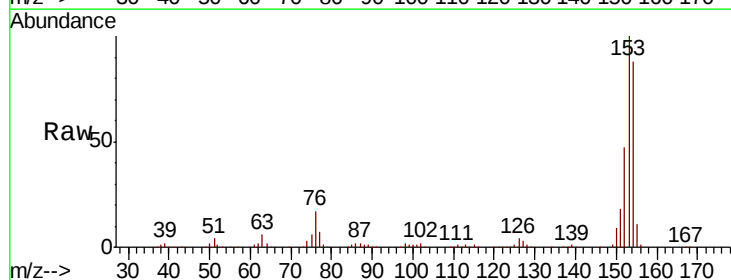
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#51
Acenaphthene
Concen: 36.679 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.2	136.8
152	54.0	43.8	65.8

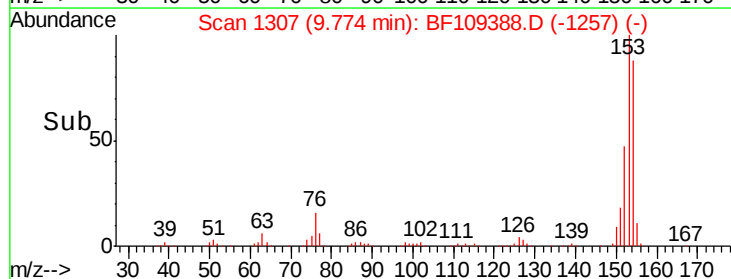
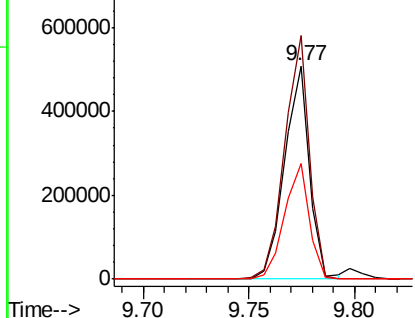


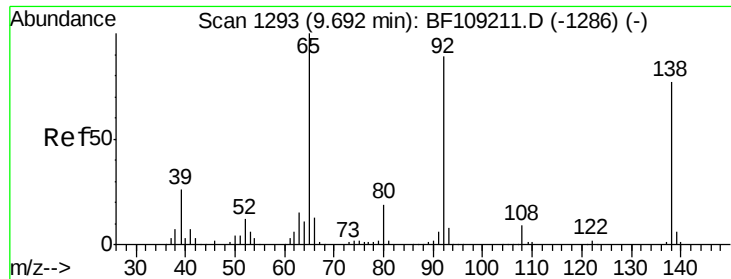
Abundance

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

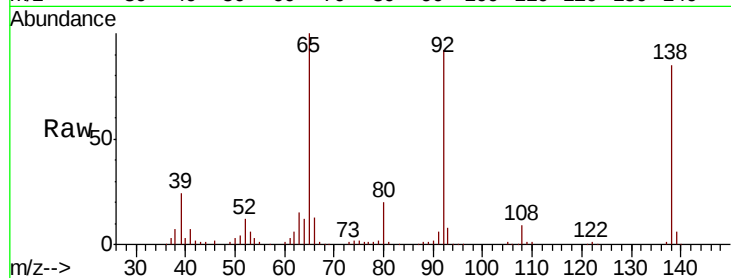




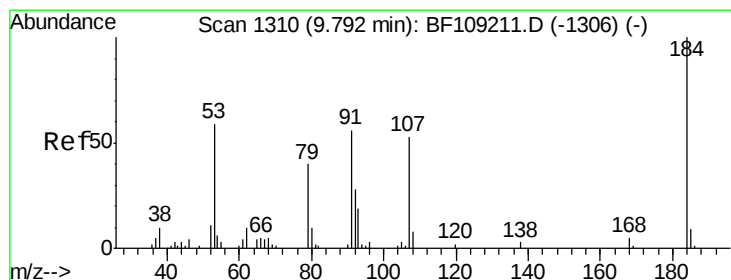
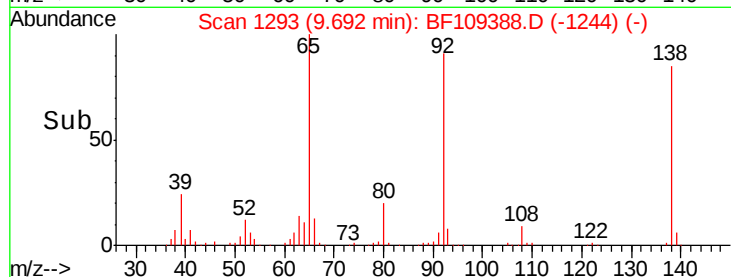
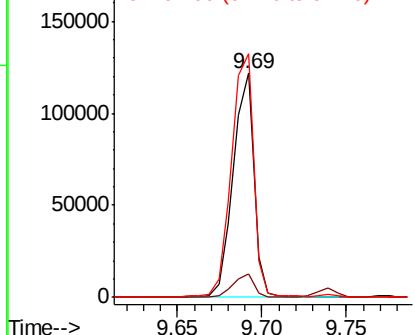
#52
3-Nitroaniline
Concen: 32.438 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 104515
Ion Ratio Lower Upper
138 100
108 10.3 9.4 14.0
92 108.6 89.4 134.2

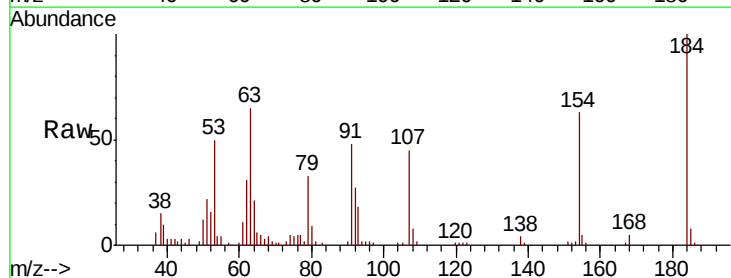


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

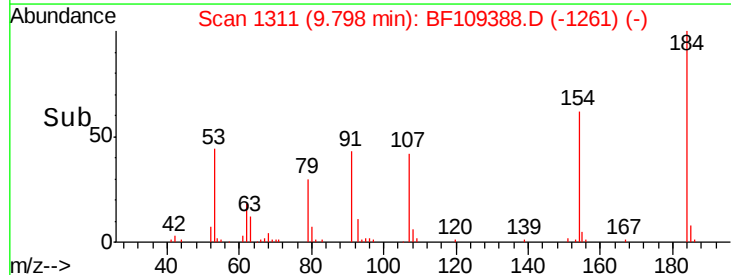
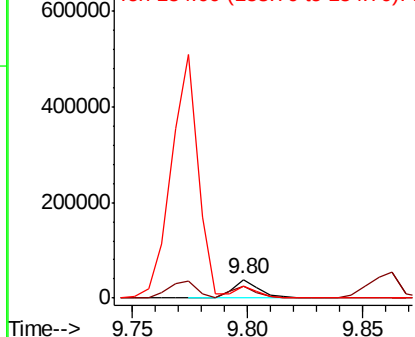


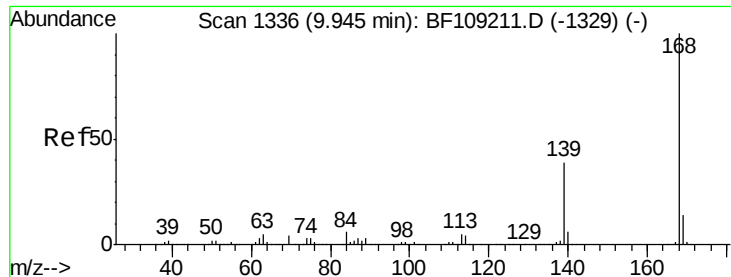
#53
2,4-Dinitrophenol
Concen: 36.832 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Tgt Ion:184 Resp: 31274
Ion Ratio Lower Upper
184 100
63 65.1 54.2 81.2
154 62.8 184.0 276.0#



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

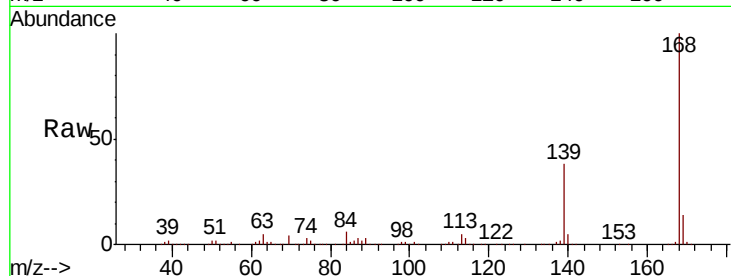




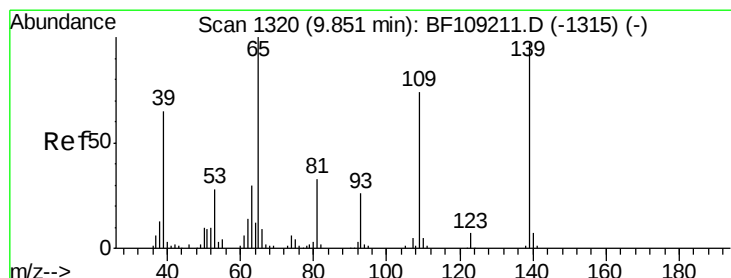
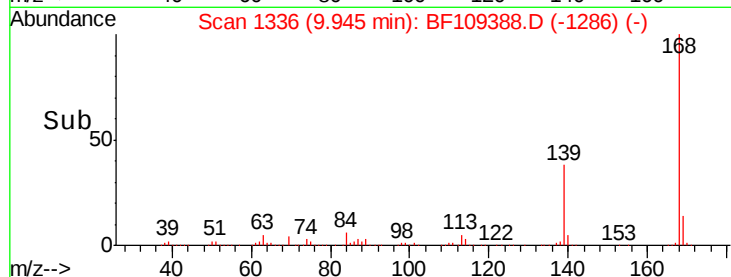
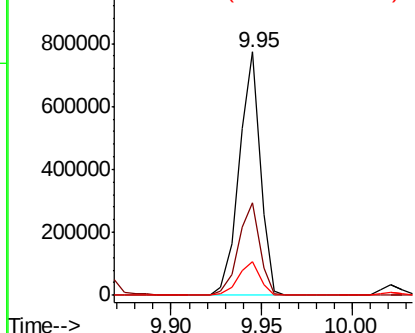
#54
Dibenzenofuran
Concen: 36.728 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 626301
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 14.1 10.9 16.3

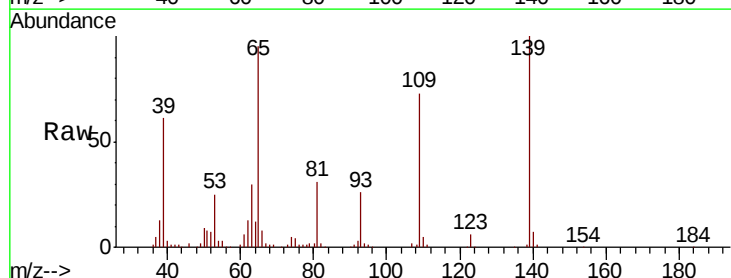


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

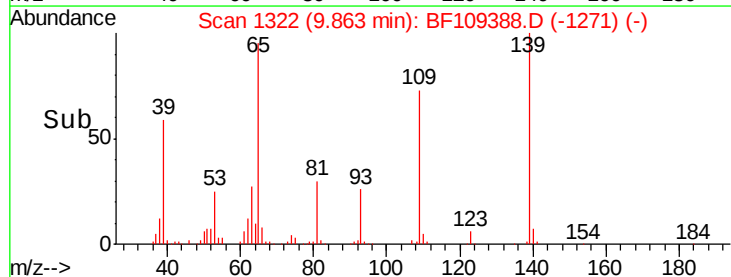
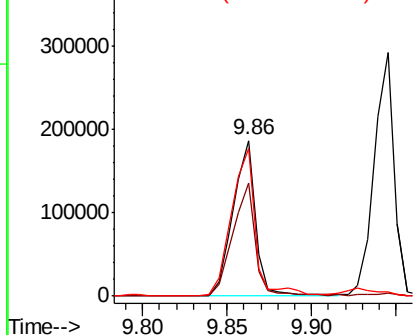


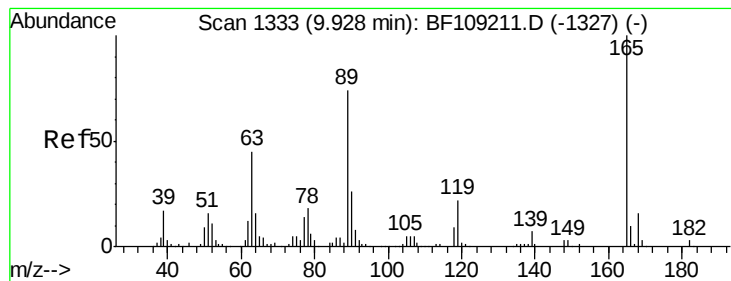
#55
4-Nitrophenol
Concen: 71.583 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Tgt Ion:139 Resp: 173744
Ion Ratio Lower Upper
139 100
109 72.7 48.4 88.4
65 95.2 72.6 112.6



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





#56

2,4-Dinitrotoluene

Concen: 44.030 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 154996

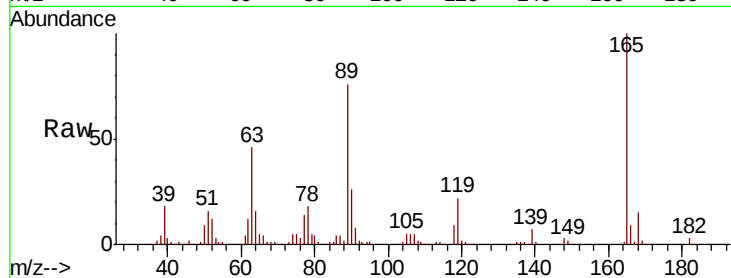
Ion Ratio Lower Upper

165 100

63 46.2 36.4 54.6

89 75.7 57.8 86.6

182 2.6 1.6 2.4#

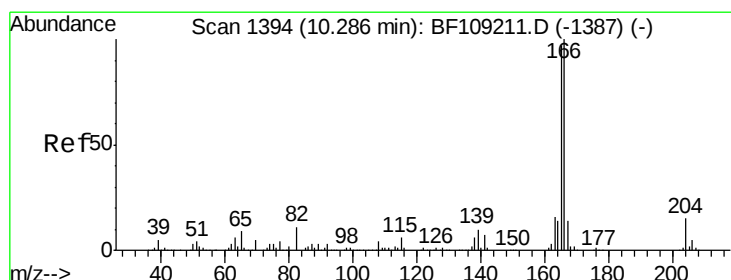
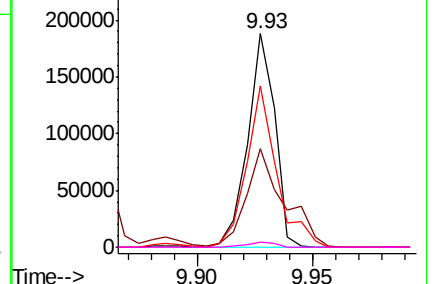
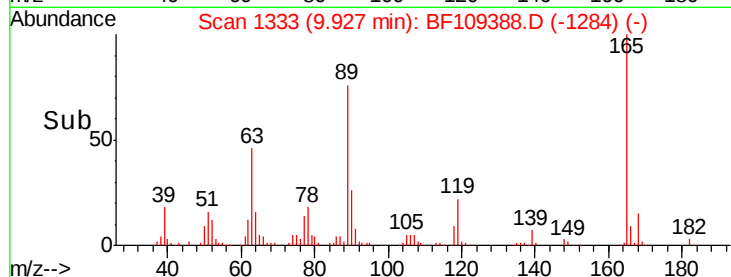


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 39.247 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

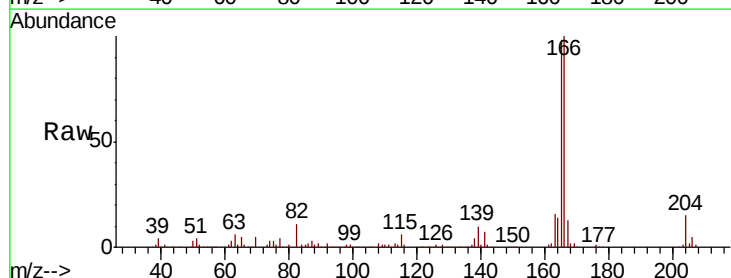
Tgt Ion:166 Resp: 477504

Ion Ratio Lower Upper

166 100

165 98.4 79.8 119.8

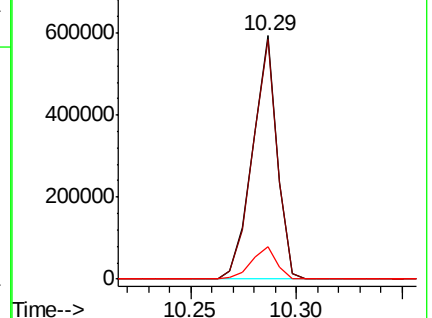
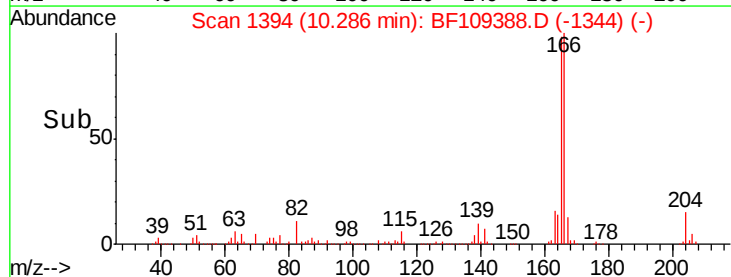
167 13.4 10.6 16.0

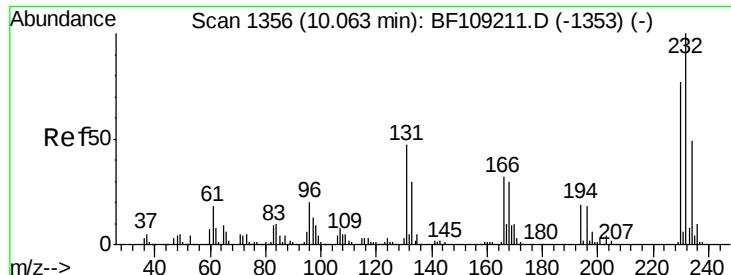


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

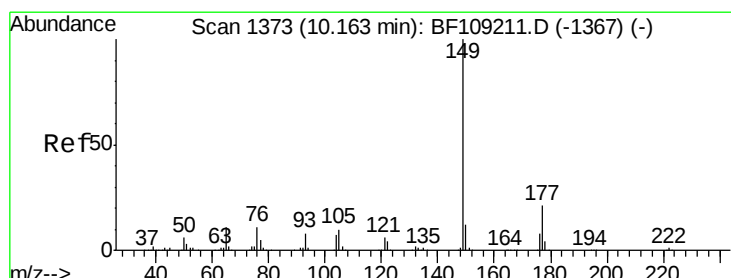
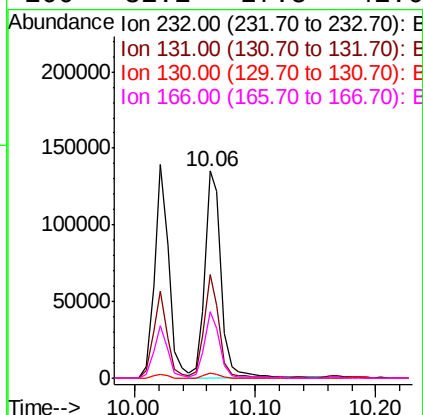
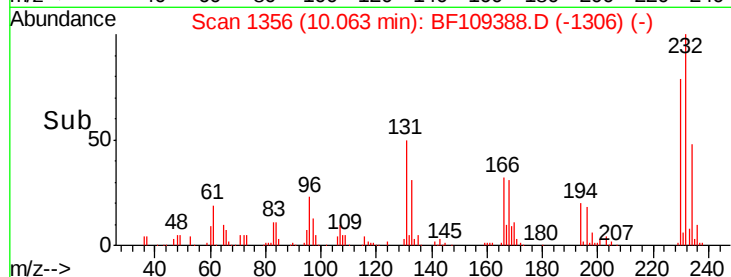
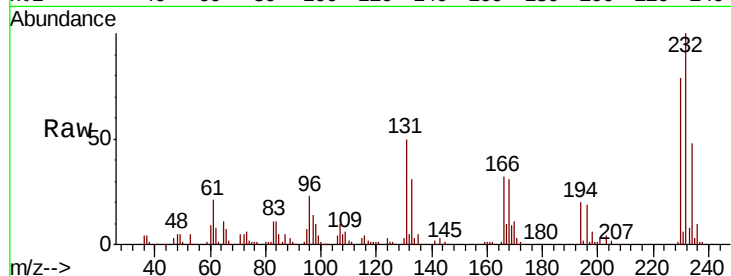




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.297 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF109388.D
 Acq: 27 Sep 2018 15:46

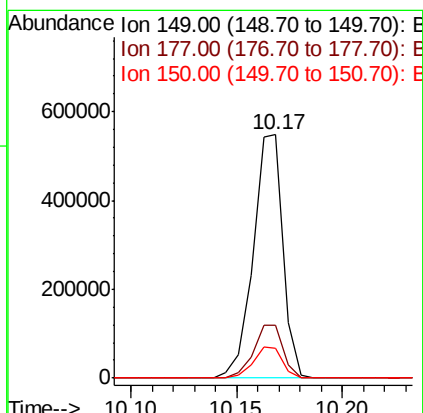
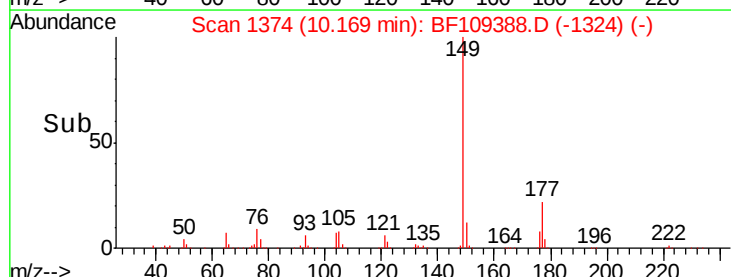
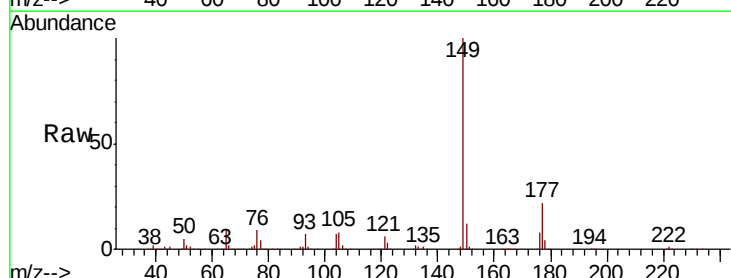
Instrument :
 BNA_F
 ClientSampleId :

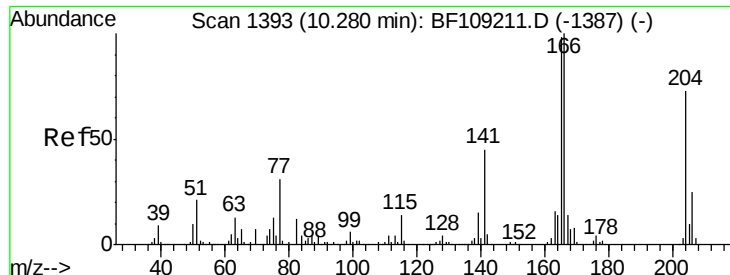
Tot Ion:	232	Resp:	126341
Ion	Ratio	Lower	Upper
232	100		
131	46.5	43.8	65.8
130	2.3	2.1	3.1
166	31.1	27.8	41.6



#59
 Diethylphthalate
 Concen: 37.798 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF109388.D
 Acq: 27 Sep 2018 15:46

Tgt Ion:	149	Resp:	537687
Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.1	24.1
150	12.3	10.1	15.1

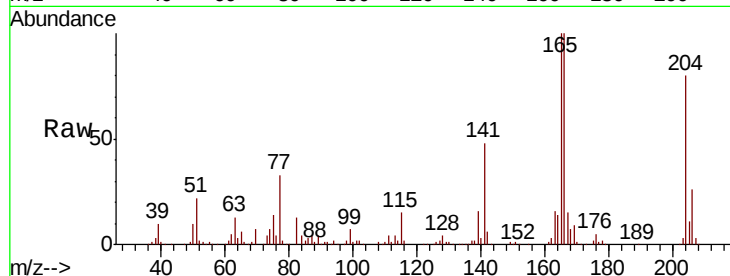




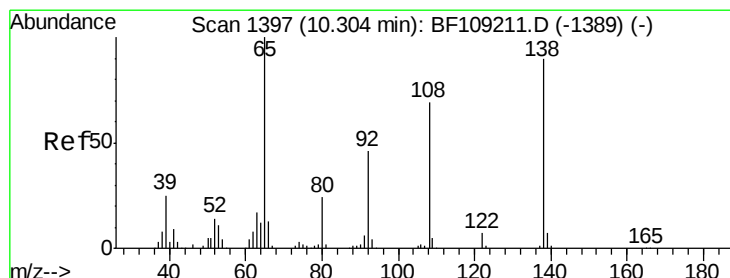
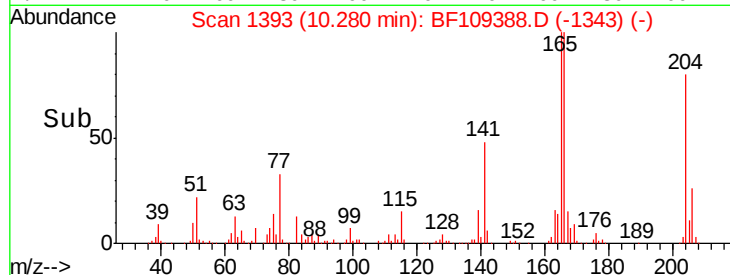
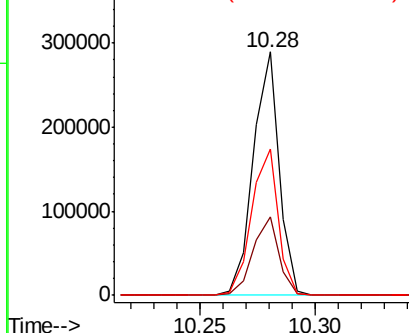
#60
 4-Chlorophenyl-phenylether
 Concen: 35.766 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109388.D
 Acq: 27 Sep 2018 15:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	60.3	54.6	81.8

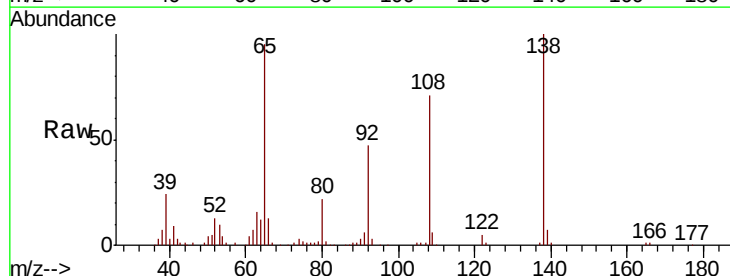


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

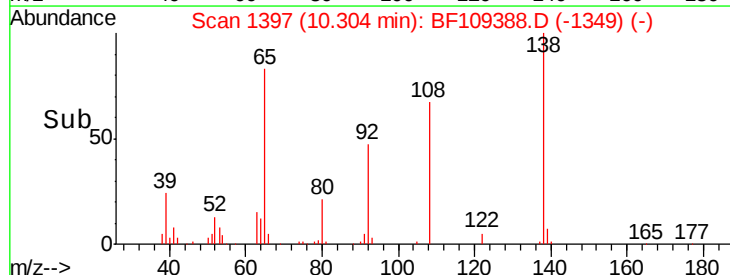
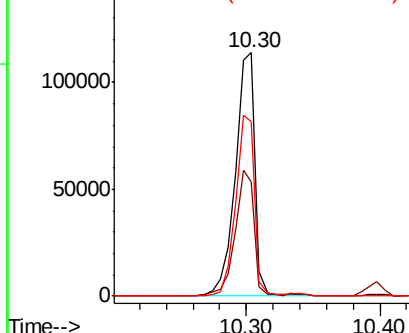


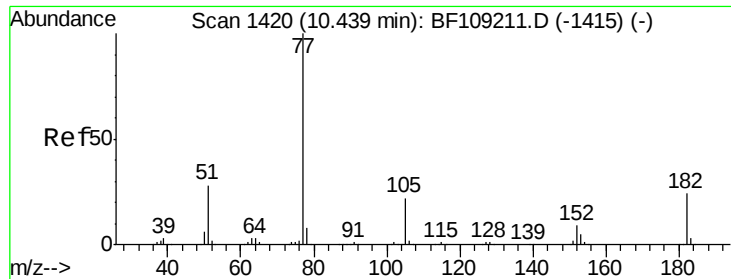
#61
 4-Nitroaniline
 Concen: 37.563 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.02 min
 Lab File: BF109388.D
 Acq: 27 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.0	30.2	70.2
108	71.5	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

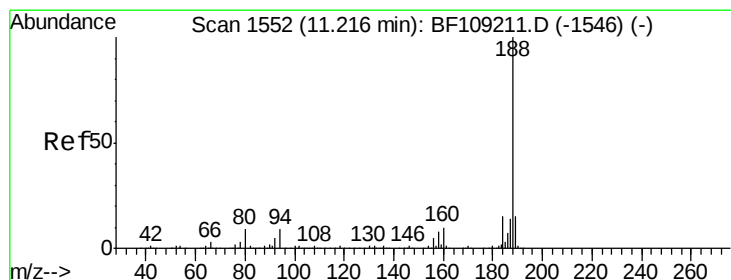
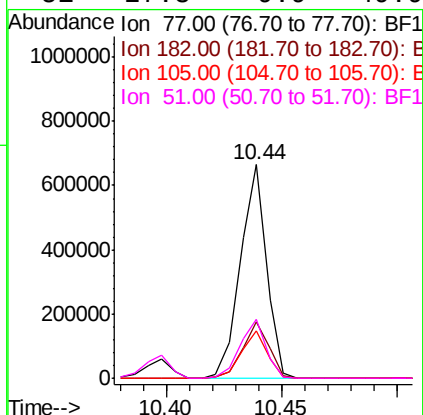
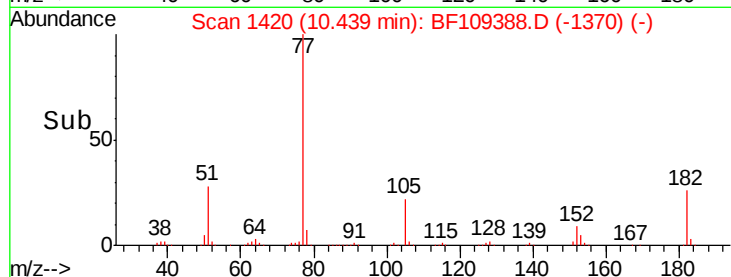
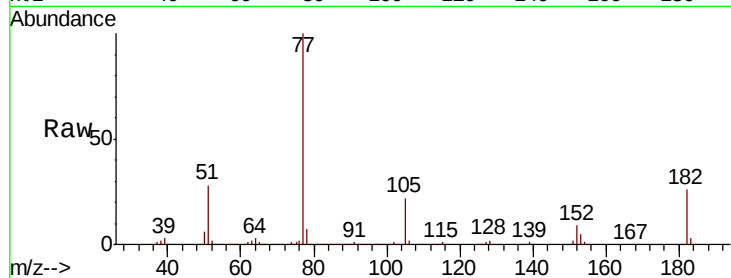




#62
Azobenzene
Concen: 35.520 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

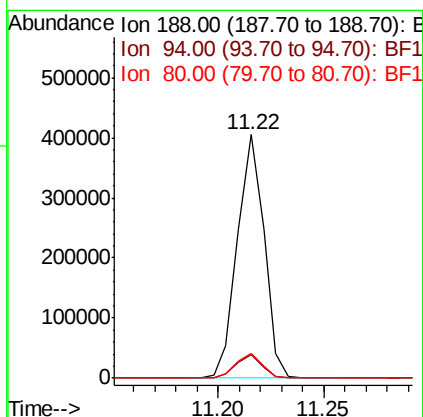
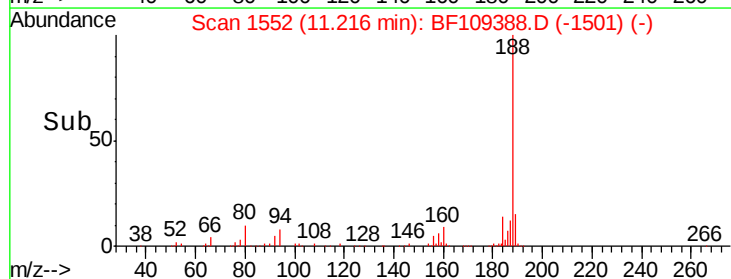
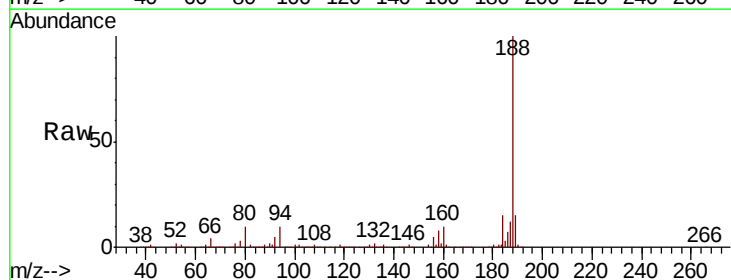
Instrument :
BNA_F
ClientSampled :

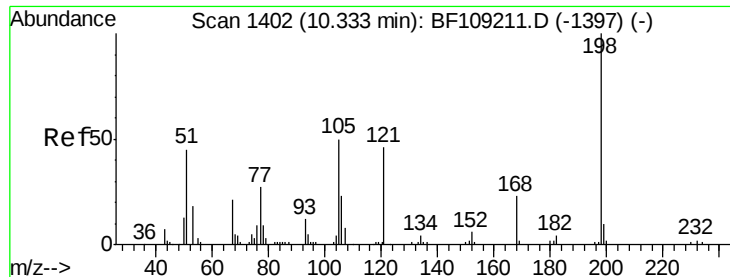
Tot Ion:	77	Resp:	524971
Ion	Ratio	Lower	Upper
77	100		
182	26.2	1.7	41.7
105	22.0	3.0	43.0
51	27.8	9.9	49.9



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Tgt Ion:	188	Resp:	354688
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.0	9.2	13.8

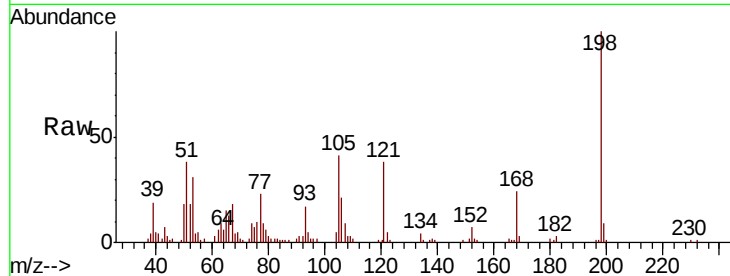




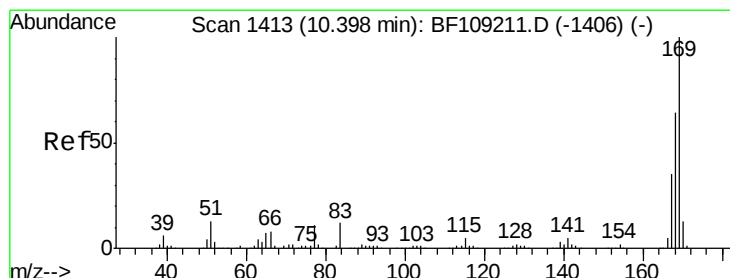
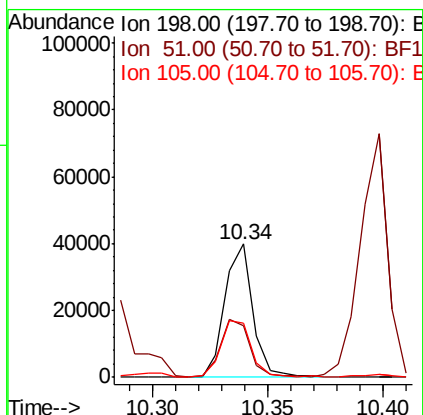
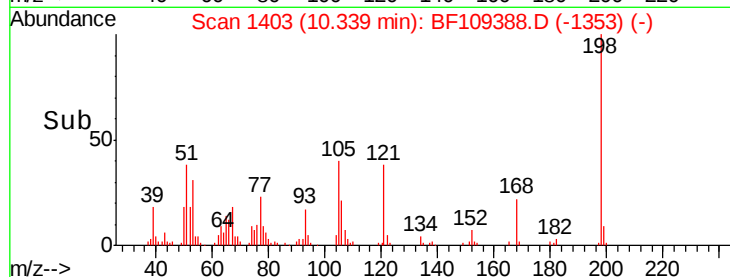
#64
 4,6-Dinitro-2-methylphenol
 Concen: 26.925 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF109388.D
 Acq: 27 Sep 2018 15:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 33521
 Ion Ratio Lower Upper
 198 100
 51 38.3 37.7 77.7
 105 40.8 36.3 76.3

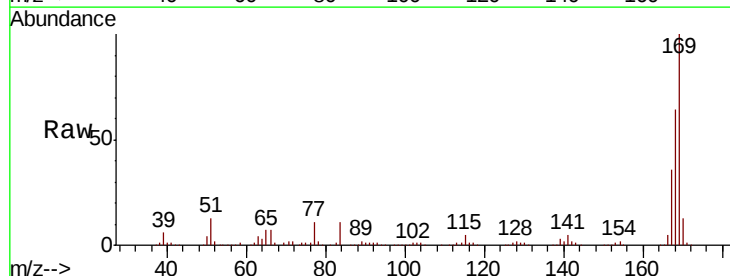


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

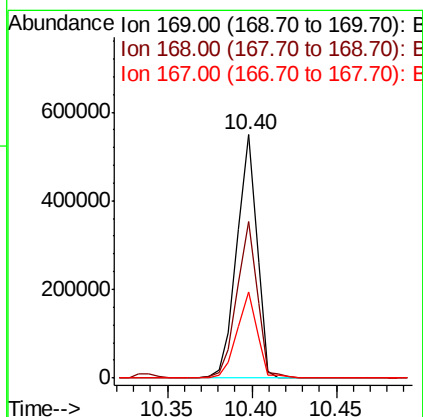
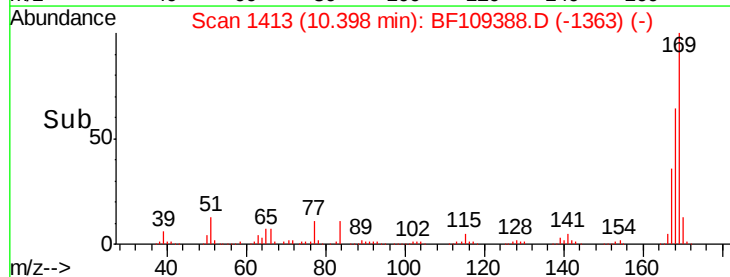


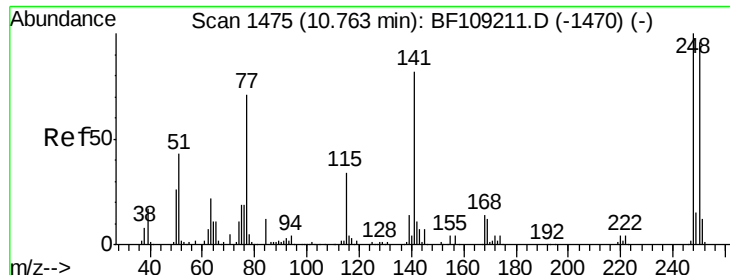
#65
 n-Nitrosodiphenylamine
 Concen: 38.904 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109388.D
 Acq: 27 Sep 2018 15:46

Tgt Ion:169 Resp: 455911
 Ion Ratio Lower Upper
 169 100
 168 64.2 54.4 81.6
 167 35.5 29.8 44.6



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

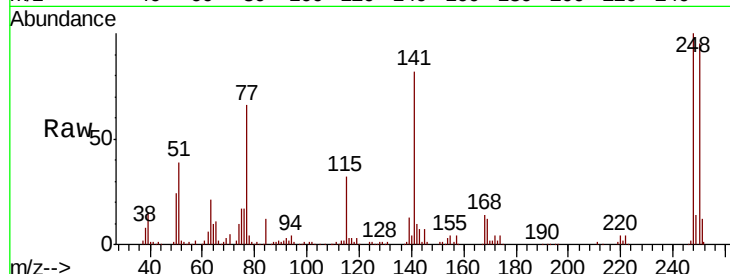




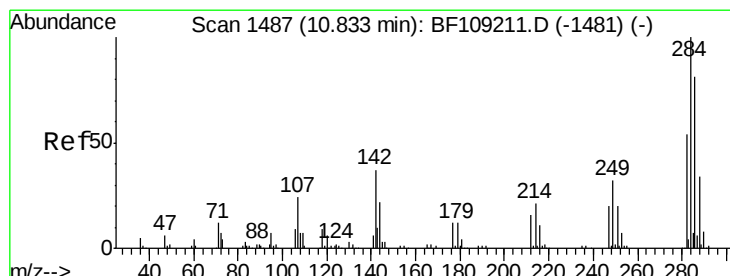
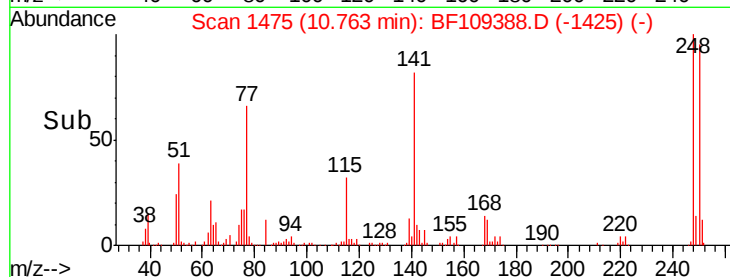
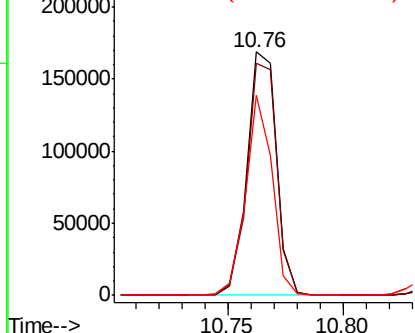
#66
4-Bromophenyl-phenylether
Concen: 38.528 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 151750
Ion Ratio Lower Upper
248 100
250 95.5 76.9 115.3
141 82.0 74.4 111.6

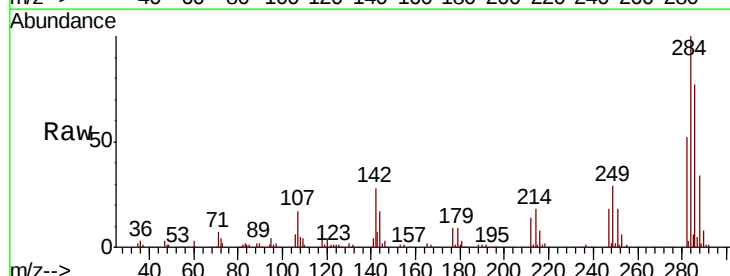


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

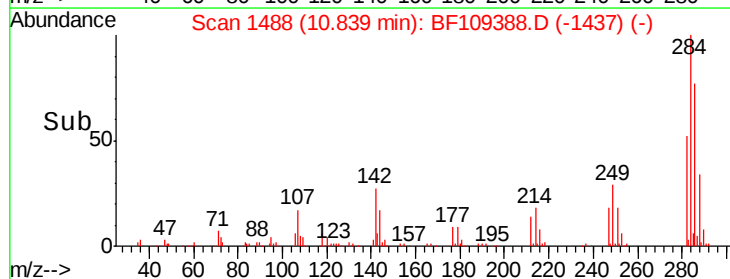
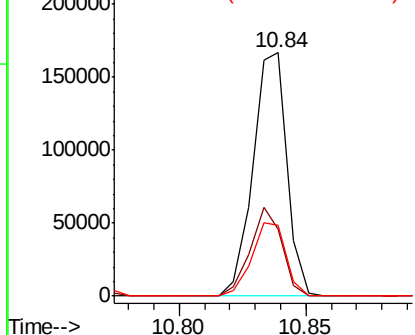


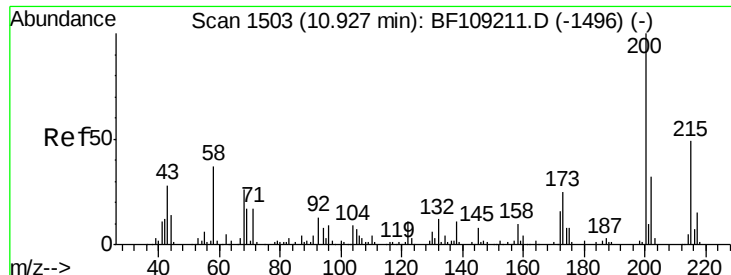
#67
Hexachlorobenzene
Concen: 37.159 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Tgt Ion:284 Resp: 155439
Ion Ratio Lower Upper
284 100
142 27.6 34.6 52.0#
249 29.0 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

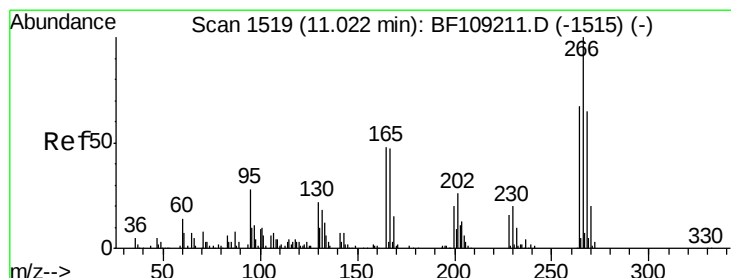
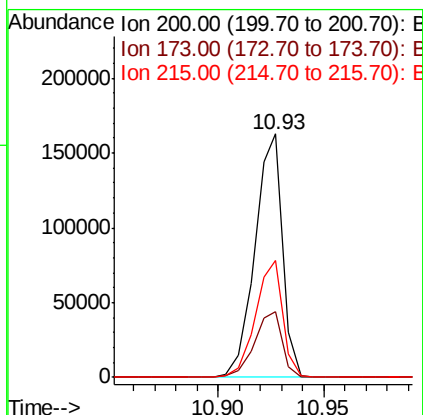
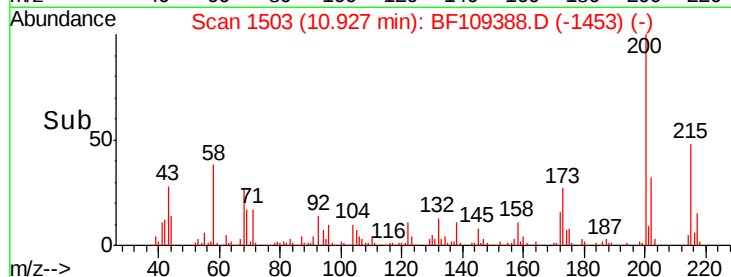
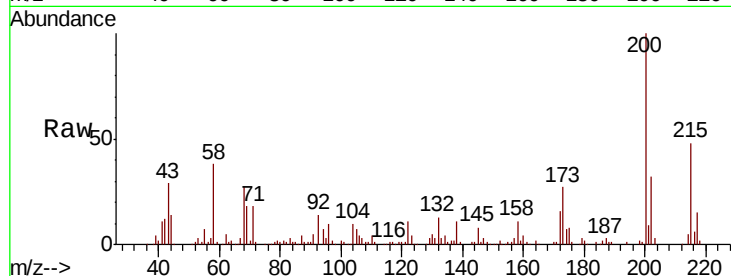




#68
Atrazine
Concen: 41.058 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

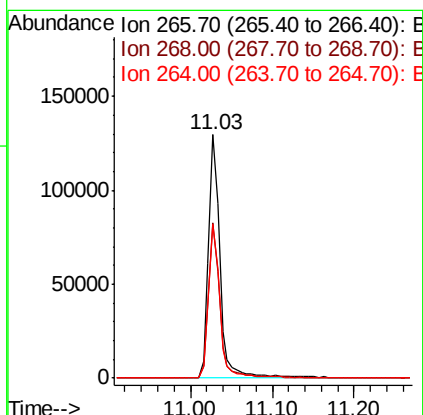
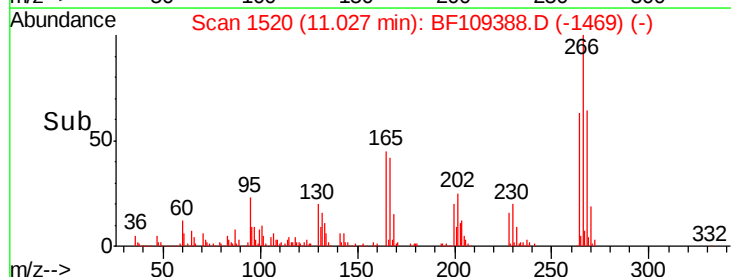
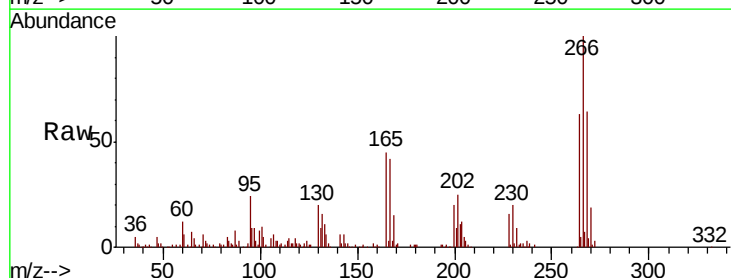
Instrument :
BNA_F
ClientSampleId :

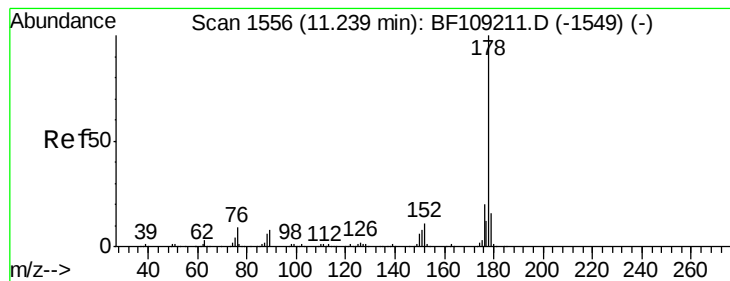
Tot Ion:200 Resp: 147978
Ion Ratio Lower Upper
200 100
173 26.9 8.6 48.6
215 47.8 25.1 65.1



#69
Pentachlorophenol
Concen: 51.069 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Tgt Ion:266 Resp: 127858
Ion Ratio Lower Upper
266 100
268 63.8 51.1 76.7
264 63.3 49.5 74.3





#70

Phenanthrene

Concen: 41.157 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

Instrument :

BNA_F

ClientSampleId :

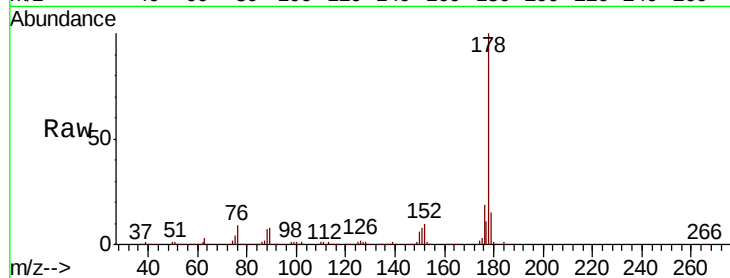
Tot Ion:178 Resp: 728874

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

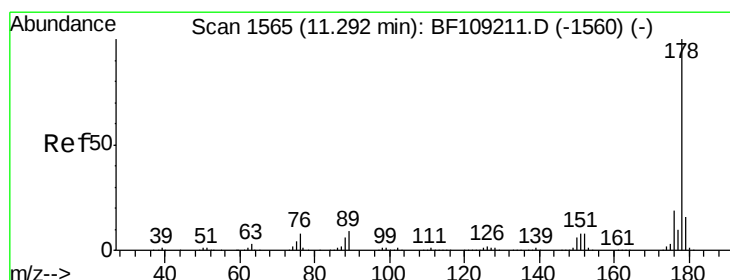
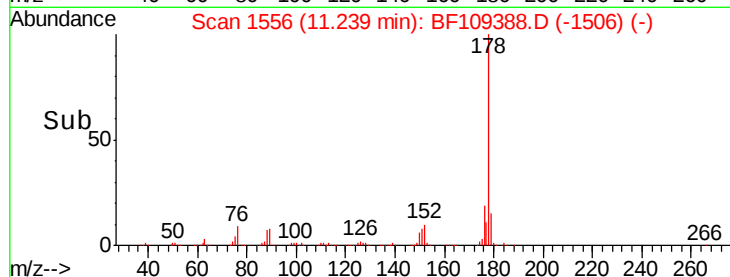
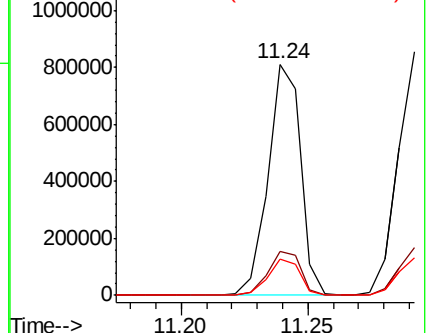
179 15.4 13.0 19.6



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: 39.031 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

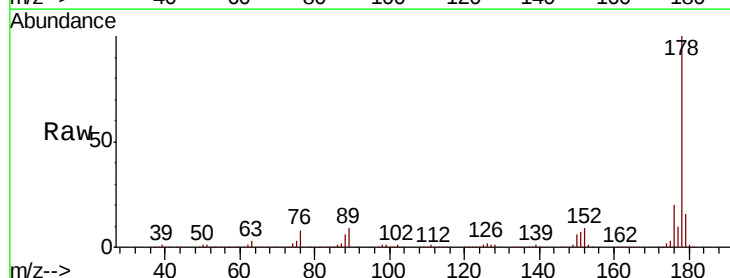
Tgt Ion:178 Resp: 701089

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

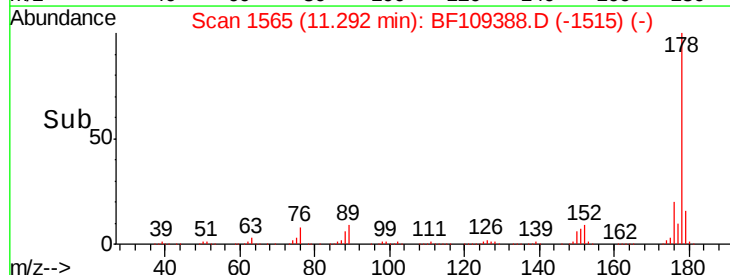
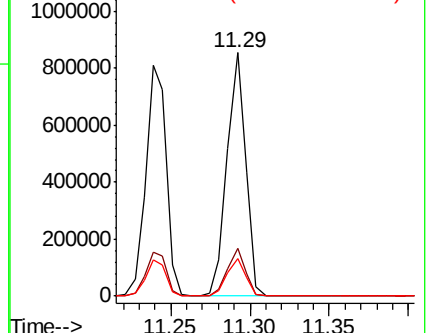
179 15.7 12.6 19.0

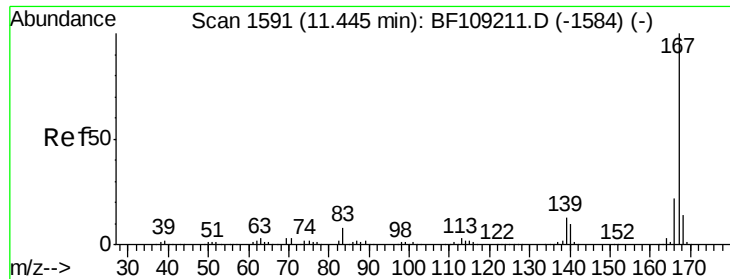


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 34.205 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

Instrument :

BNA_F

ClientSampleId :

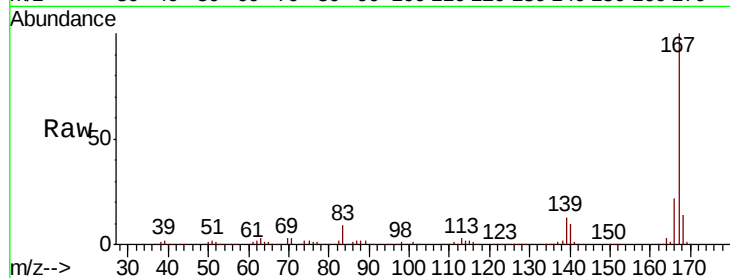
Tot Ion:167 Resp: 611290

Ion Ratio Lower Upper

167 100

166 21.6 17.6 26.4

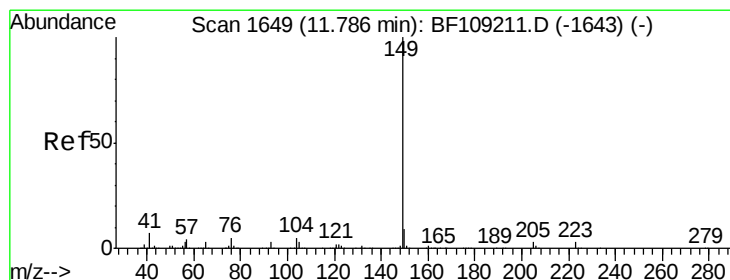
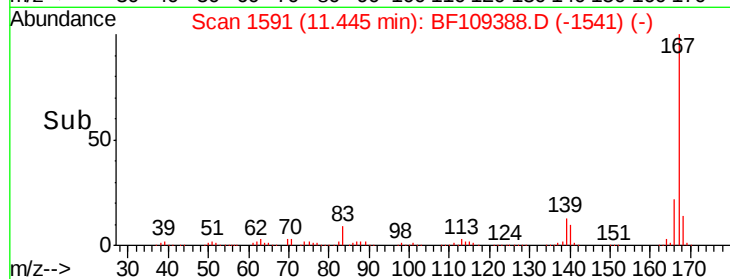
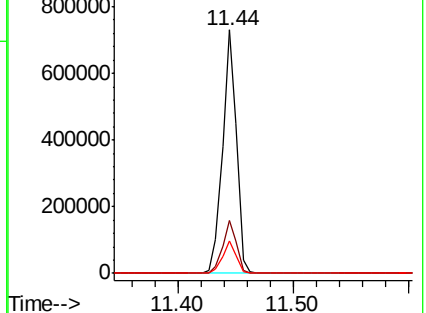
139 13.3 10.9 16.3



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: 37.555 ng

RT: 11.79 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

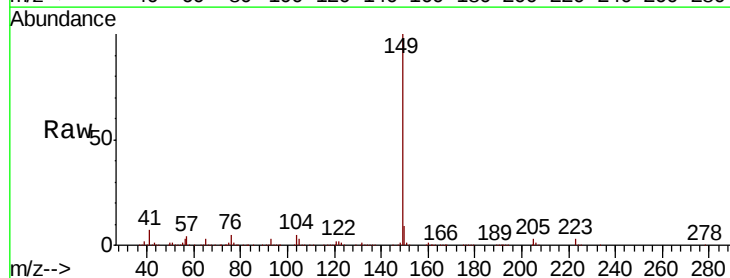
Tgt Ion:149 Resp: 772650

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

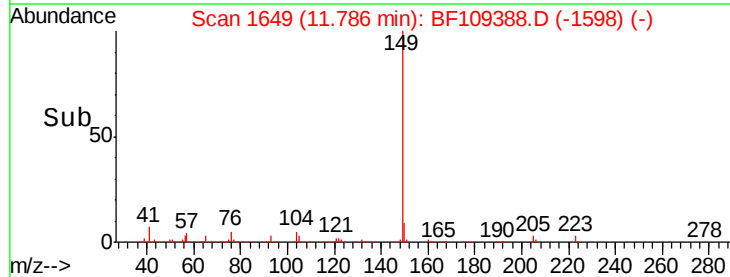
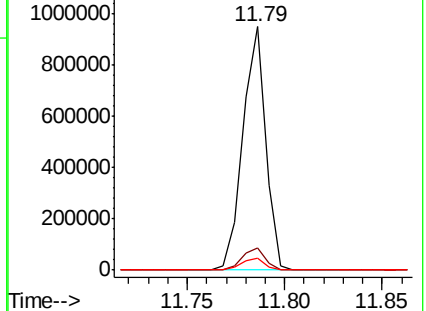
104 4.8 3.8 5.8

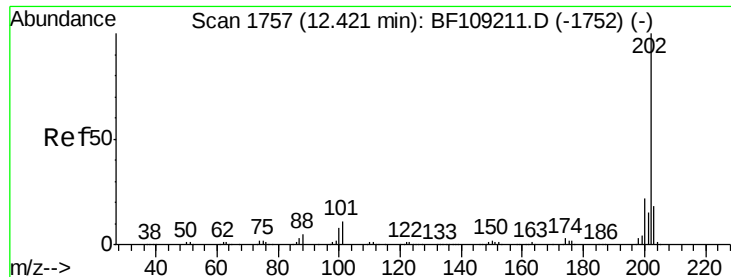


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 34.916 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

Instrument :

BNA_F

ClientSampleId :

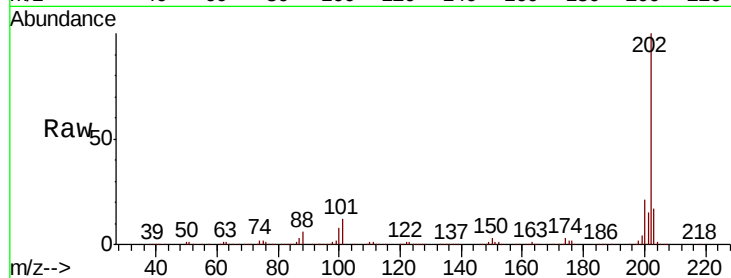
Tot Ion:202 Resp: 660814

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.1

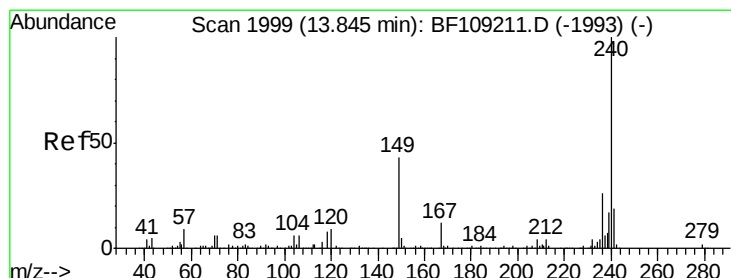
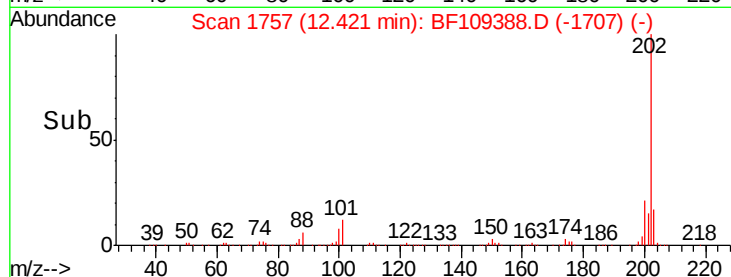
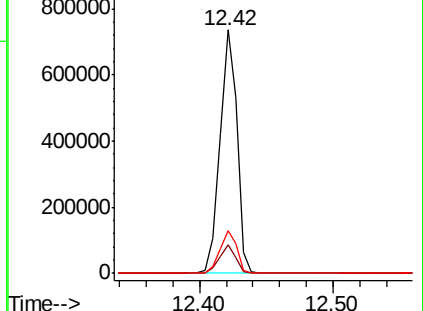
203 17.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

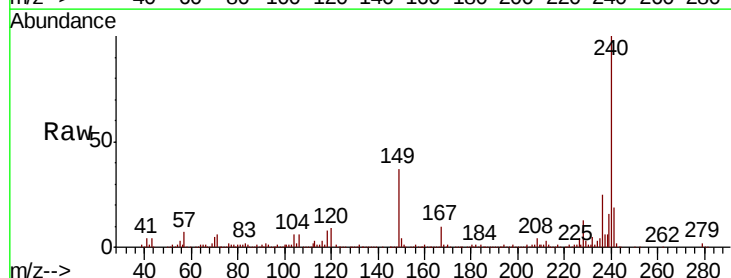
Tgt Ion:240 Resp: 218448

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

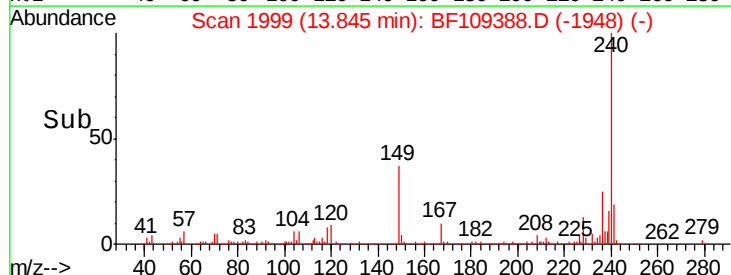
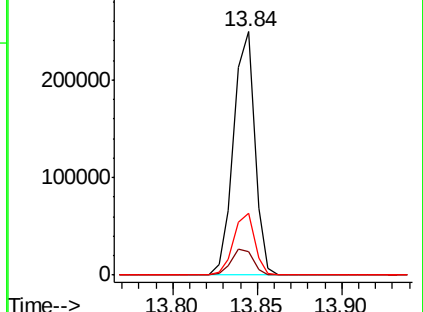
236 25.3 20.7 31.1

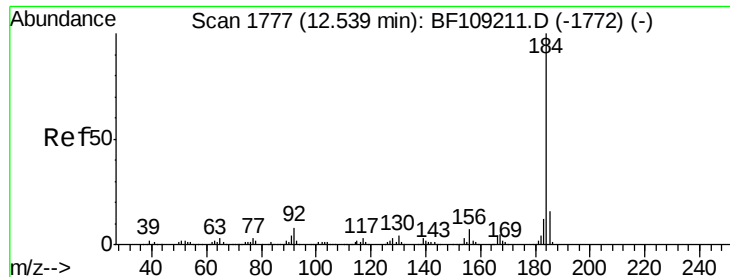


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

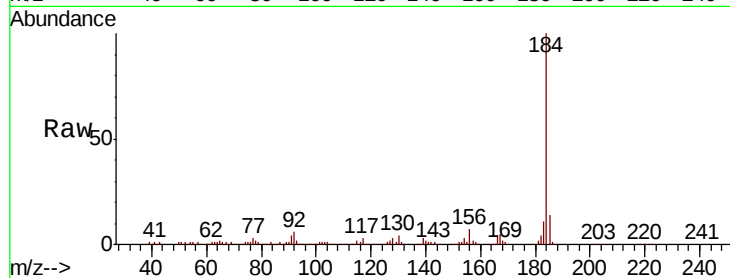




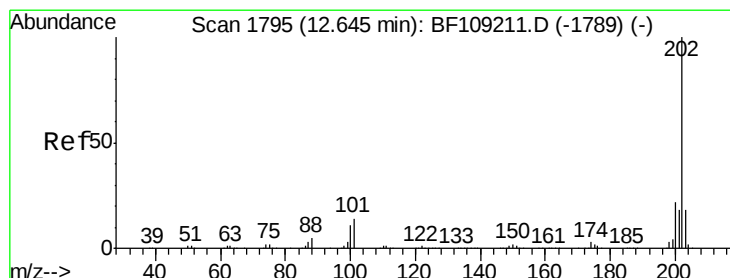
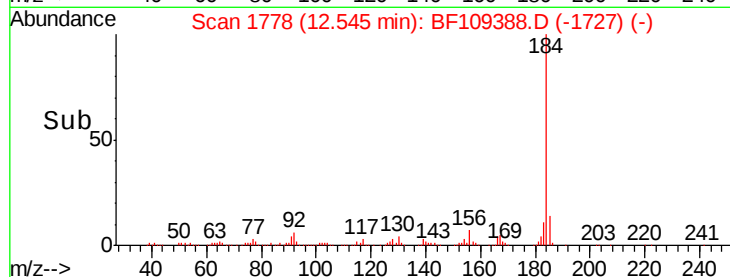
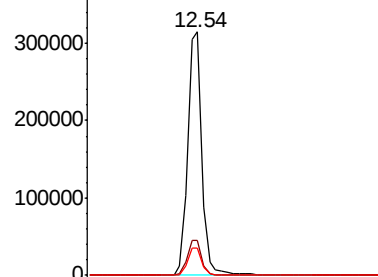
#76
Benzidine
Concen: 39.137 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 308243
Ion Ratio Lower Upper
184 100
185 14.2 12.6 18.8
183 11.4 9.3 13.9

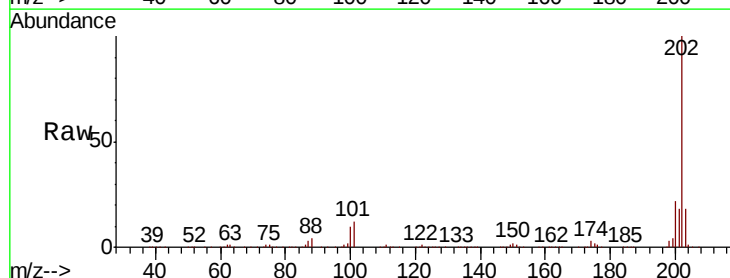


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

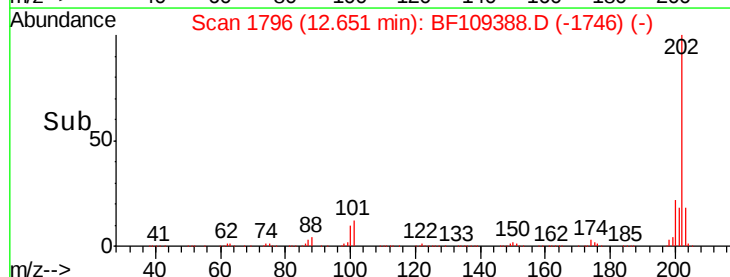
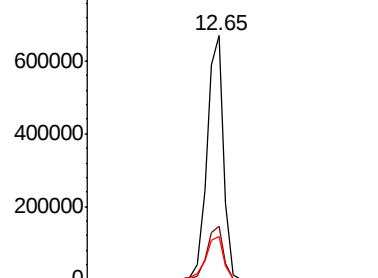


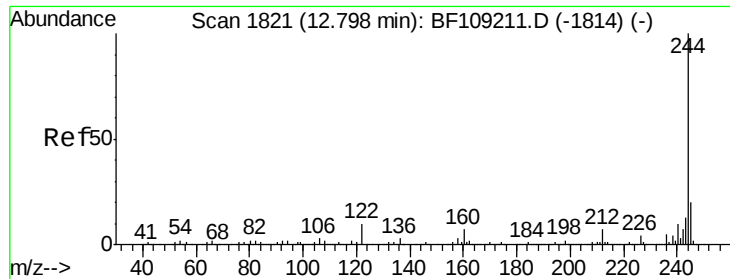
#77
Pyrene
Concen: 40.095 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Tgt Ion:202 Resp: 627719
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.6 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

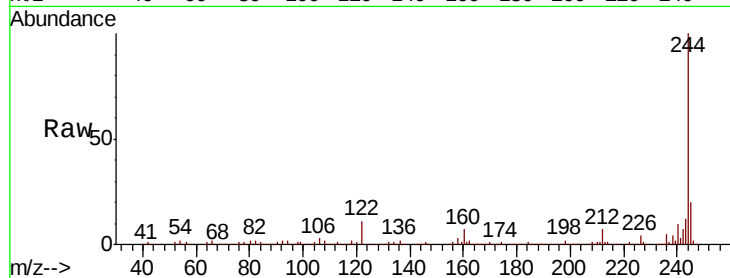




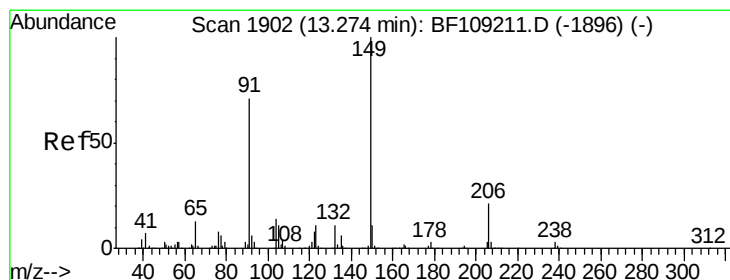
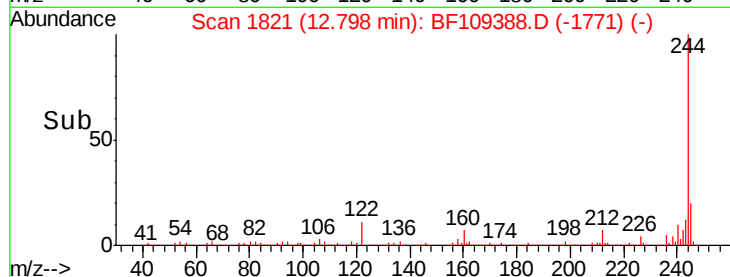
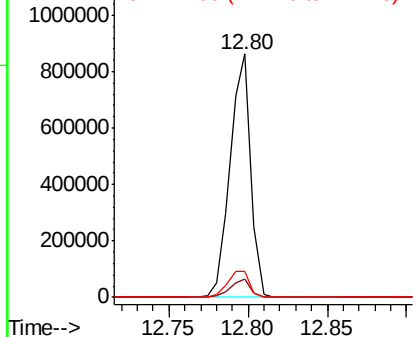
#78
 Terphenyl-d14
 Concen: 87.074 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109388.D
 Acq: 27 Sep 2018 15:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 775056
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 10.8 11.0 16.4#

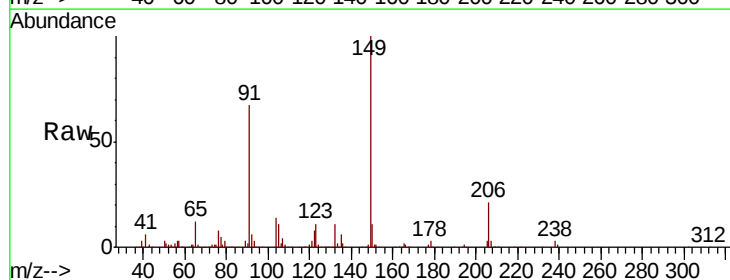


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

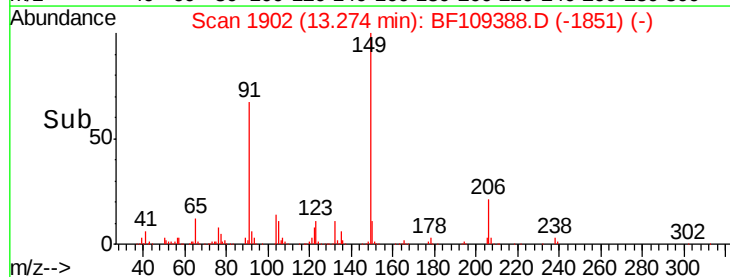
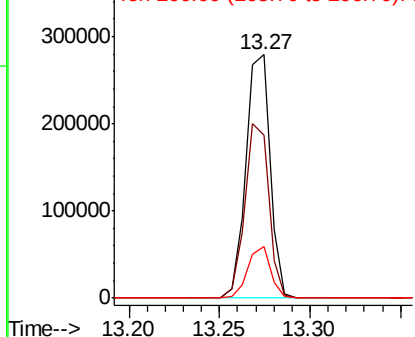


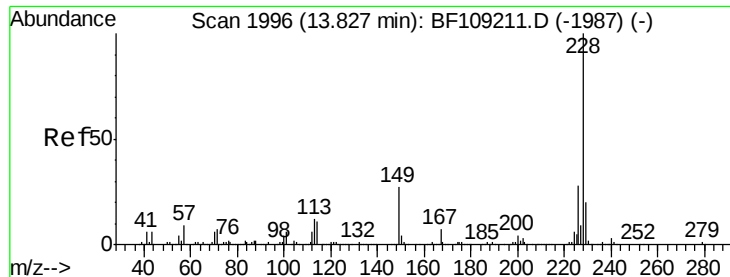
#79
 Butylbenzylphthalate
 Concen: 38.966 ng
 RT: 13.27 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BF109388.D
 Acq: 27 Sep 2018 15:46

Tgt Ion:149 Resp: 259538
 Ion Ratio Lower Upper
 149 100
 91 66.7 56.8 85.2
 206 20.9 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 38.971 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

Instrument :

BNA_F

ClientSampleId :

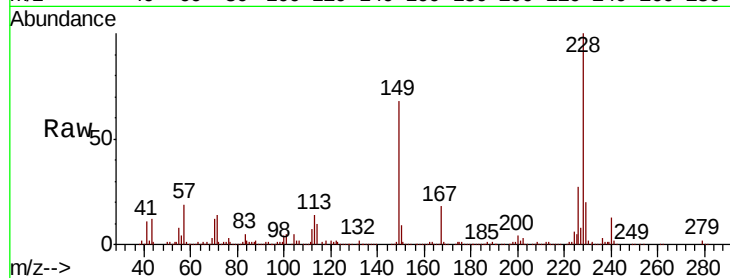
Tot Ion:228 Resp: 512770

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

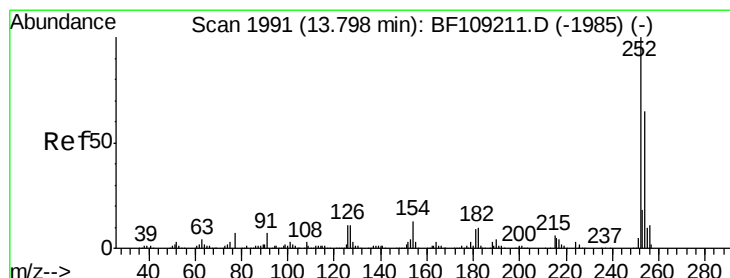
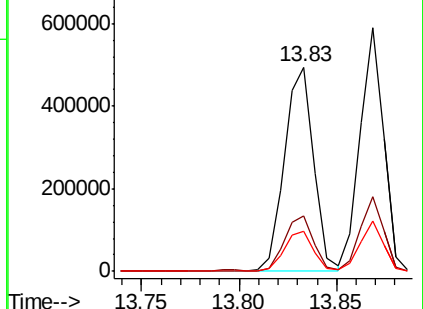
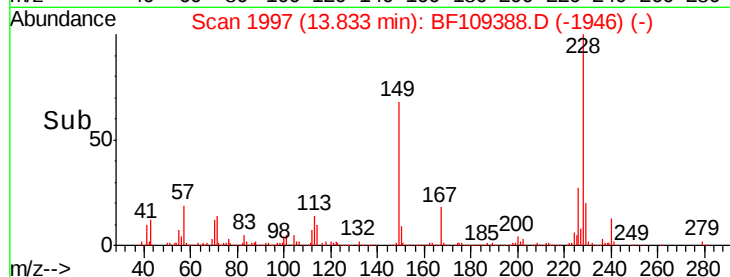
229 19.6 15.8 23.6



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



#81

3,3'-Dichlorobenzidine

Concen: 37.036 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

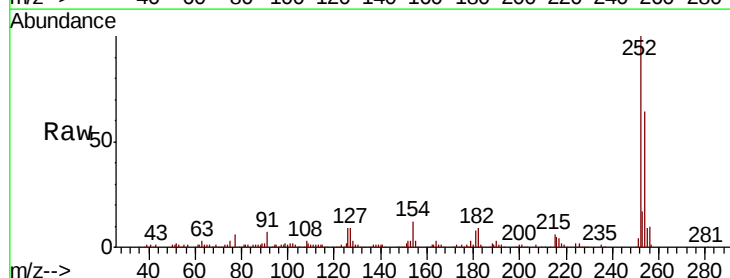
Tgt Ion:252 Resp: 185201

Ion Ratio Lower Upper

252 100

254 64.2 50.4 75.6

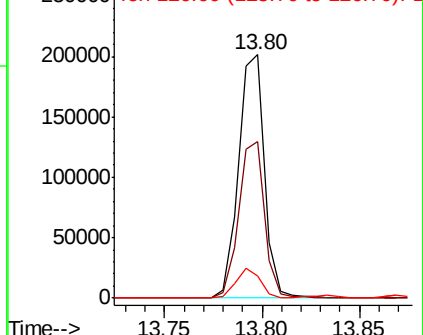
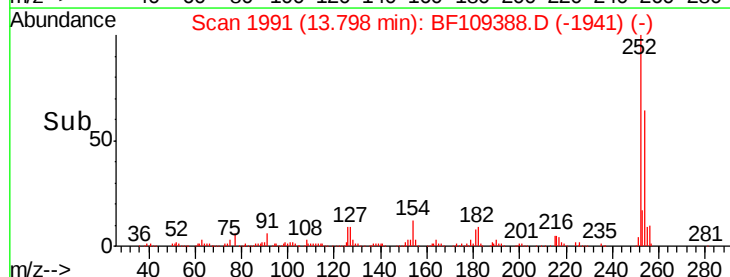
126 9.3 11.3 16.9#

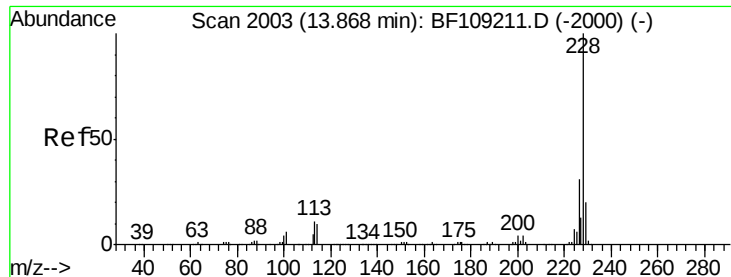


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

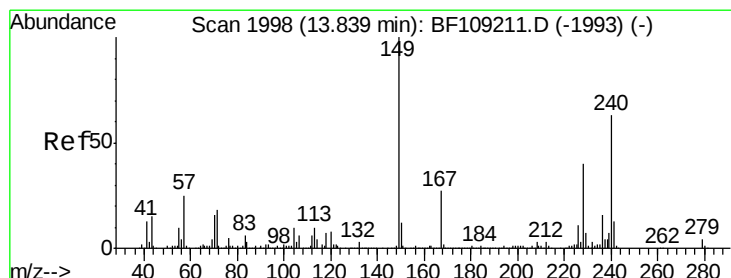
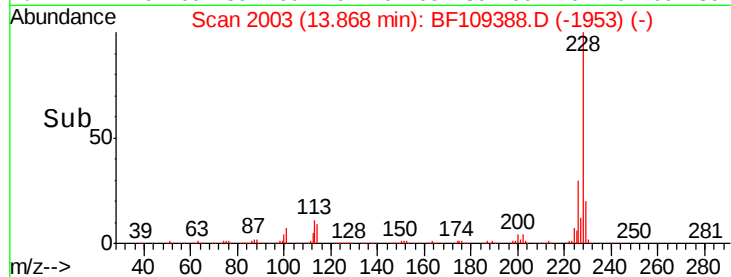
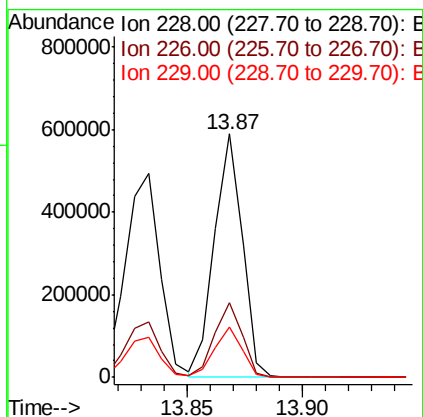
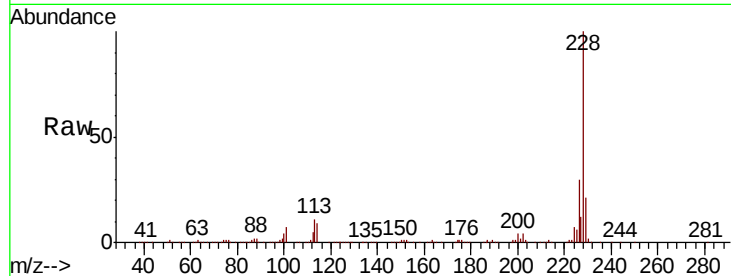




#82
 Chrysene
 Concen: 37.889 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109388.D
 Acq: 27 Sep 2018 15:46

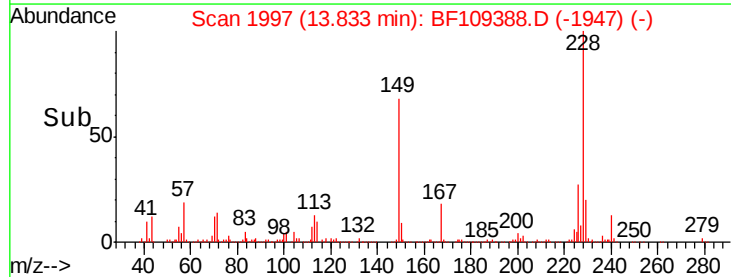
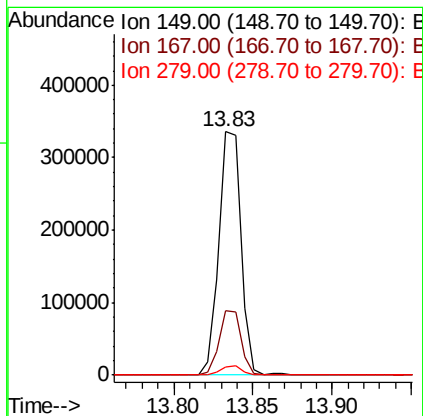
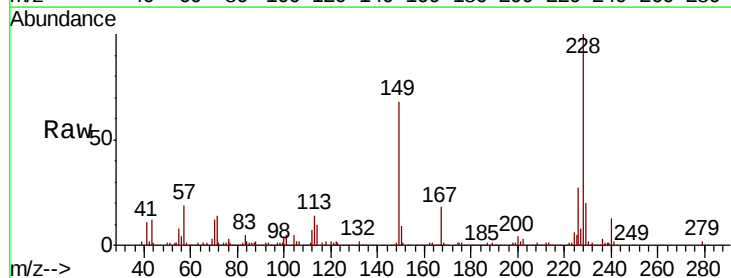
Instrument :
 BNA_F
 ClientSampleId :

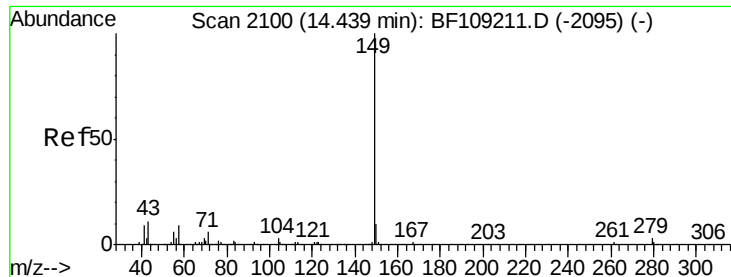
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.6	16.2	24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.745 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF109388.D
 Acq: 27 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.4	3.0	4.4

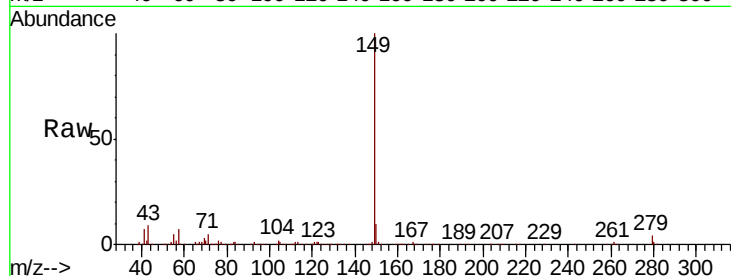




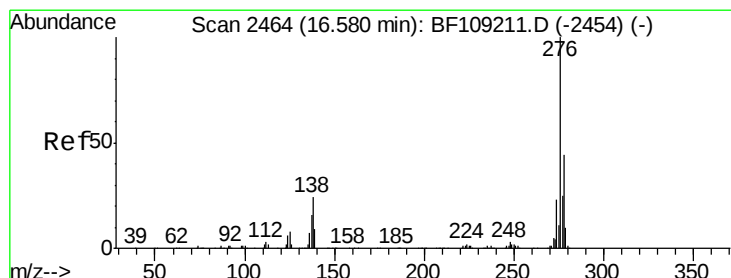
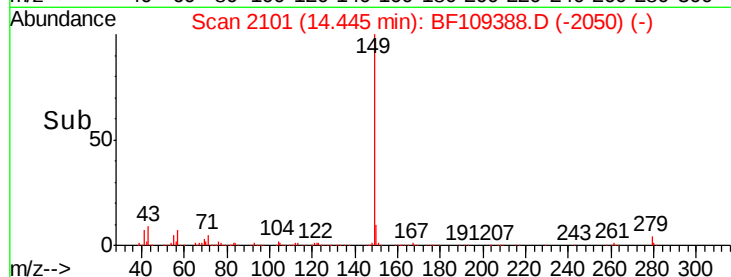
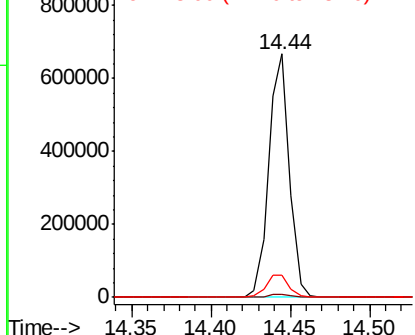
#84
Di-n-octyl phthalate
Concen: 42.305 ng
RT: 14.44 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 607613
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.5 8.4 12.6

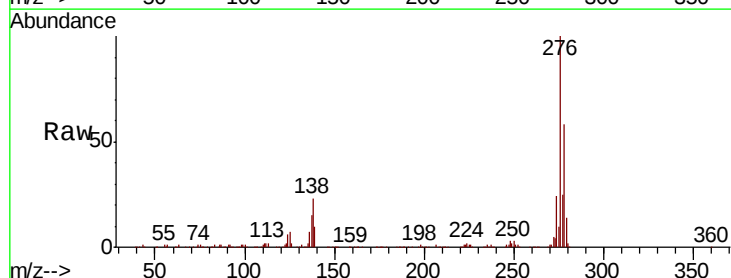


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

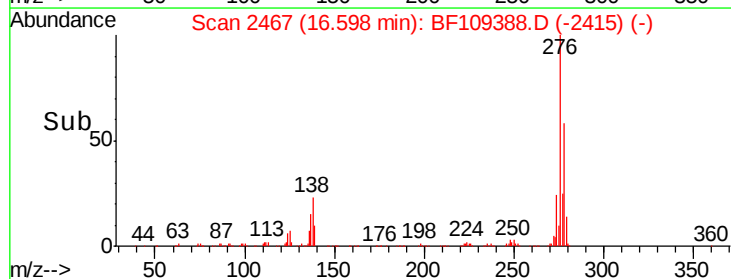
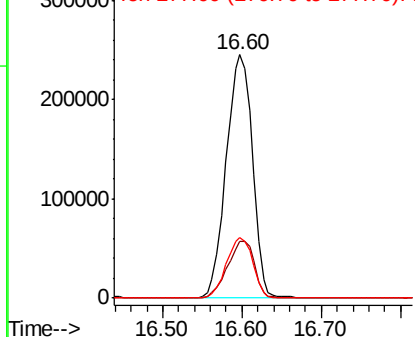


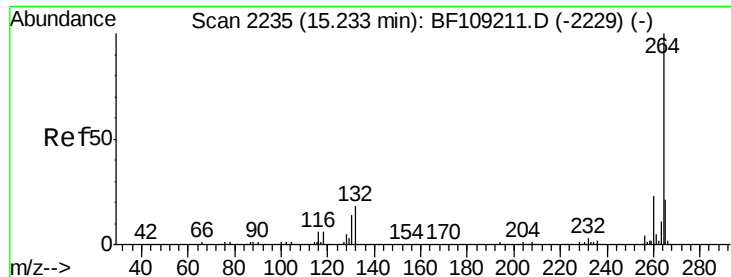
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.085 ng
RT: 16.60 min Scan# 2467
Delta R.T. 0.01 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Tgt Ion:276 Resp: 561154
Ion Ratio Lower Upper
276 100
138 24.1 25.0 37.6#
277 25.2 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

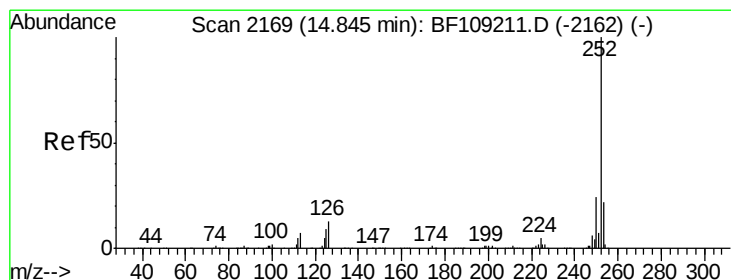
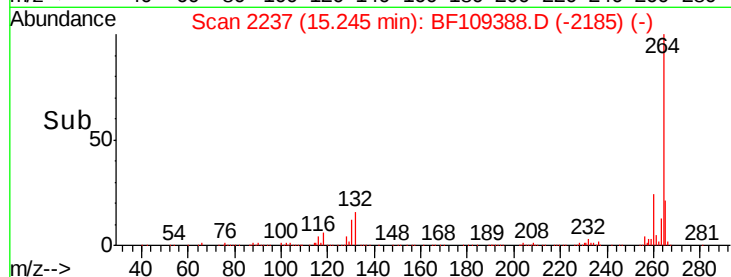
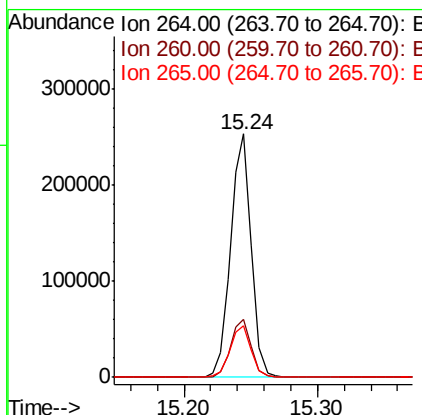
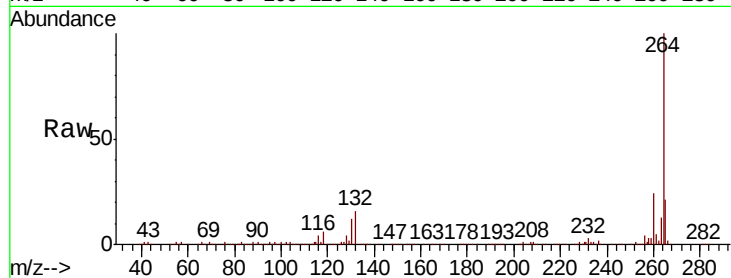




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

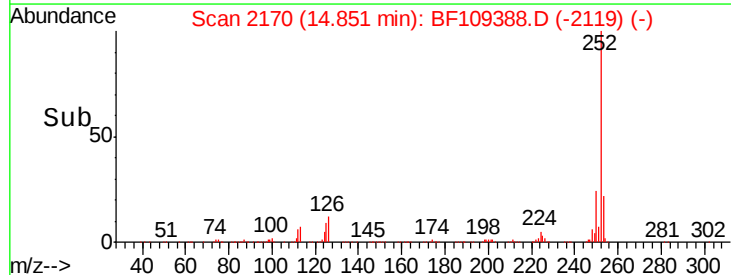
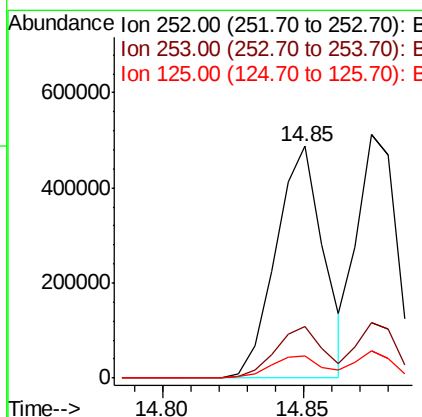
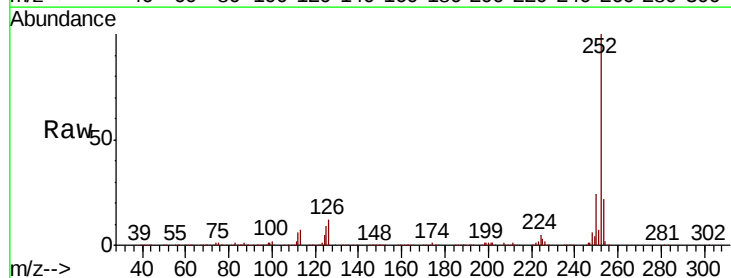
Instrument :
BNA_F
ClientSampleId :

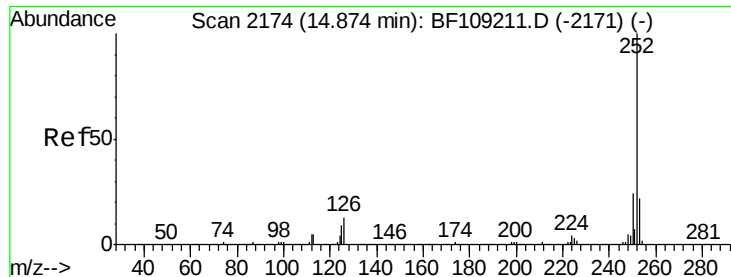
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.1	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 37.931 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	9.4	9.0	13.6

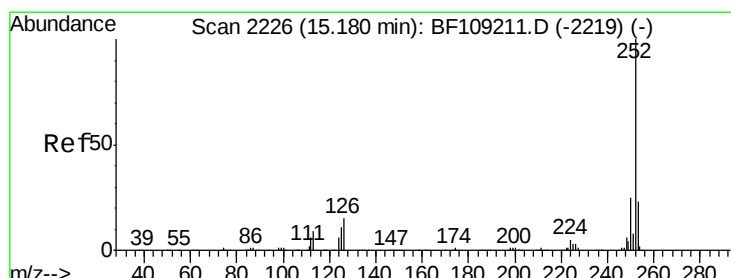
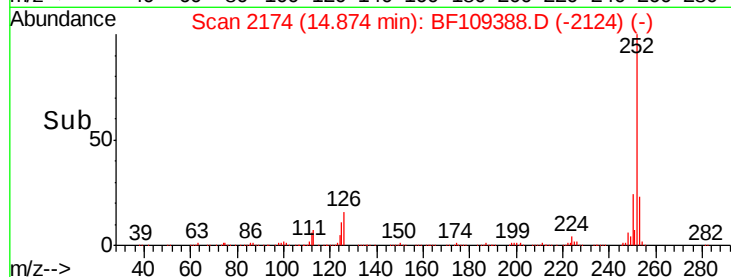
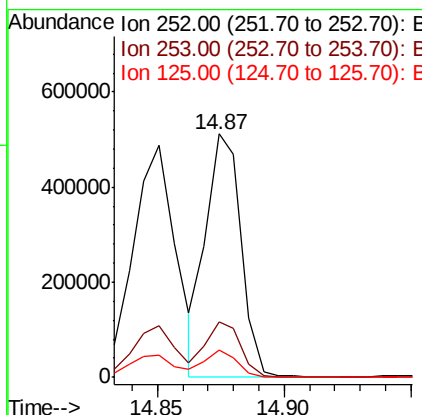
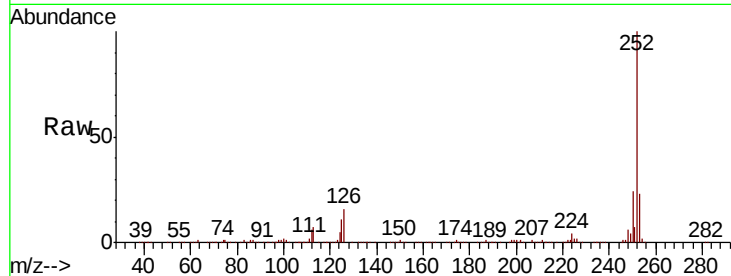




#88
Benzo(k)fluoranthene
Concen: 34.515 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

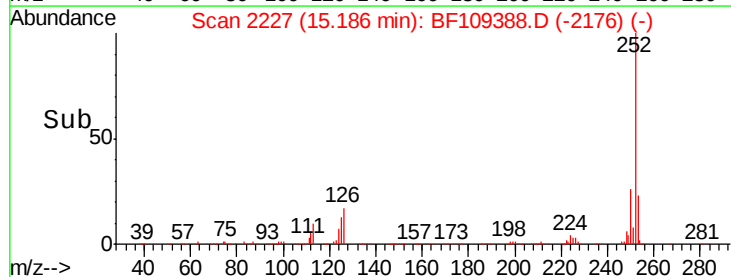
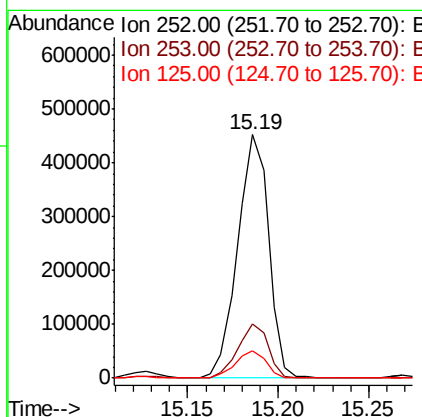
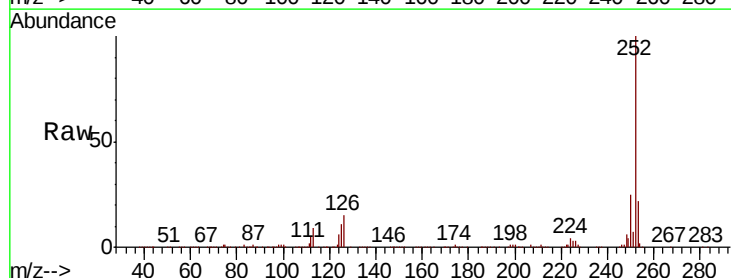
Instrument :
BNA_F
ClientSampleId :

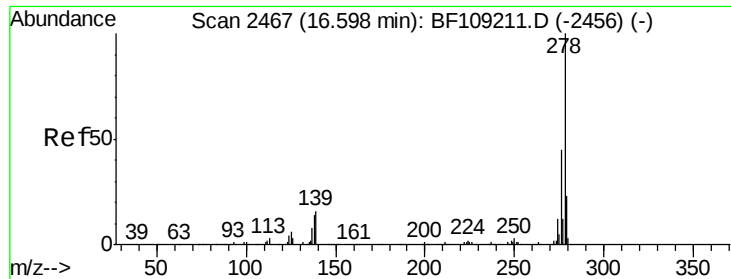
Tot Ion:252 Resp: 493254
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 11.0 10.2 15.2



#89
Benzo(a)pyrene
Concen: 39.576 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BF109388.D
Acq: 27 Sep 2018 15:46

Tgt Ion:252 Resp: 537074
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 11.1 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 41.647 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

Instrument :

BNA_F

ClientSampleId :

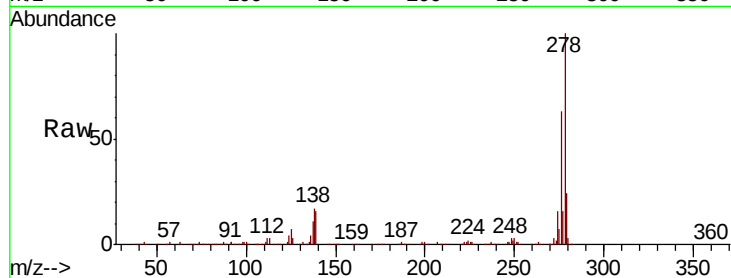
Tot Ion:278 Resp: 463675

Ion Ratio Lower Upper

278 100

139 16.3 15.9 23.9

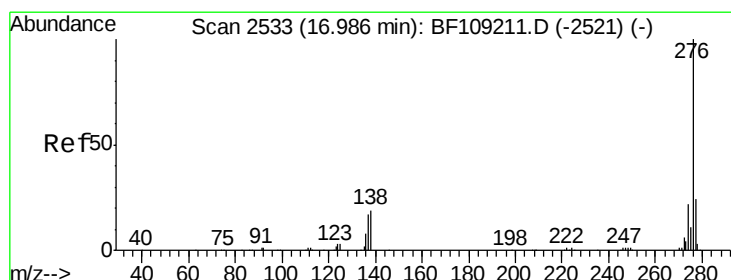
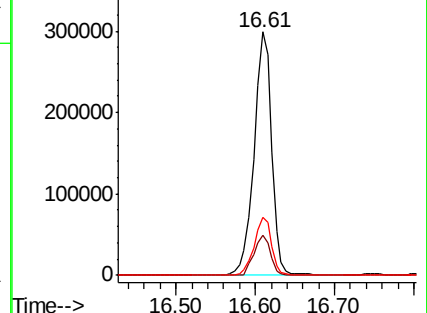
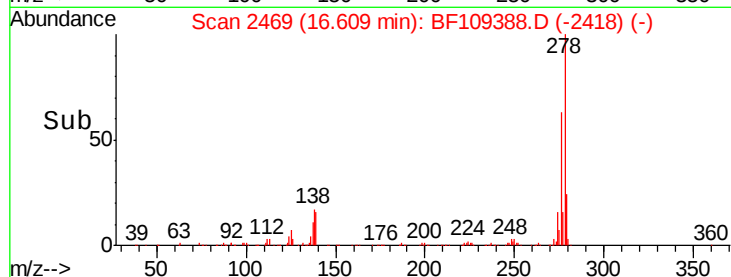
279 24.0 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 41.313 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.01 min

Lab File: BF109388.D

Acq: 27 Sep 2018 15:46

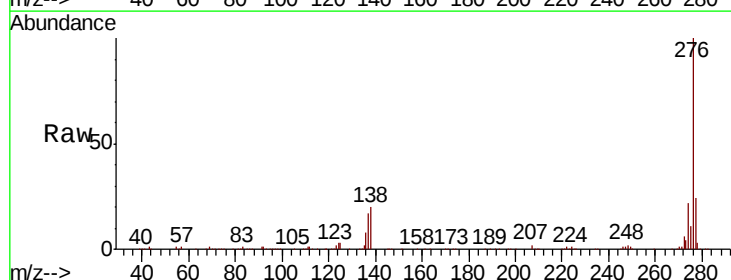
Tgt Ion:276 Resp: 452047

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 19.6 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

