

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108239.D
 Acq On : 17 Aug 2018 13:14
 Operator : JU/SJ
 Sample : PB112148BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 17 14:05:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	185446	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	747038	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	378581	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	735964	20.00	ng	0.00
75) Chrysene-d12	14.22	240	598312	20.00	ng	0.00
86) Perylene-d12	15.79	264	475052	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	1475532	144.05	ng	0.03
7) Phenol-d6	6.64	99	2006092	147.38	ng	0.01
23) Nitrobenzene-d5	7.58	82	1060679	79.23	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	593775	157.24	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1989067	84.35	ng	0.00
78) Terphenyl-d14	13.15	244	2083279	88.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.04	88	199899	37.980	ng	90
3) Pyridine	3.78	79	538279	39.702	ng	85
4) n-Nitrosodimethylamine	3.74	42	296955	38.924	ng	82
6) Aniline	6.68	93	580812	31.370	ng	95
8) 2-Chlorophenol	6.81	128	498069	43.173	ng	96
9) Benzaldehyde	6.57	77	266421	25.245	ng	98
10) Phenol	6.65	94	641657	45.573	ng	86
11) bis(2-Chloroethyl)ether	6.75	93	492499	43.267	ng	91
12) 1,3-Dichlorobenzene	6.96	146	567806	42.567	ng	99
13) 1,4-Dichlorobenzene	7.04	146	569124	42.465	ng	97
14) 1,2-Dichlorobenzene	7.19	146	523021	41.955	ng	96
15) Benzyl Alcohol	7.15	79	412009	35.955	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	957569	40.835	ng	98
17) 2-Methylphenol	7.26	107	428221	43.284	ng	95
18) Hexachloroethane	7.53	117	207035	43.391	ng	91
19) n-Nitroso-di-n-propylamine	7.42	70	377851	41.050	ng	90
20) 3+4-Methylphenols	7.41	107	530771	41.866	ng	# 83
22) Acetophenone	7.42	105	722170	41.343	ng	# 93
24) Nitrobenzene	7.60	77	569645	42.079	ng	98
25) Isophorone	7.84	82	1036964	40.638	ng	97
26) 2-Nitrophenol	7.91	139	247747	48.460	ng	90
27) 2,4-Dimethylphenol	7.94	122	481145	42.485	ng	97
28) bis(2-Chloroethoxy)methane	8.04	93	628292	42.178	ng	99
29) 2,4-Dichlorophenol	8.15	162	460088	44.145	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	482858	42.021	ng	97
31) Naphthalene	8.32	128	1451397	42.721	ng	99
32) Benzoic acid	8.06	122	226194	36.109	ng	91
33) 4-Chloroaniline	8.37	127	382732	25.851	ng	97
34) Hexachlorobutadiene	8.43	225	303310	41.696	ng	99
35) Caprolactam	8.74	113	80483	24.642	ng	# 85
36) 4-Chloro-3-methylphenol	8.85	107	475754	42.315	ng	99
37) 2-Methylnaphthalene	9.01	142	1004806	41.803	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	500135	43.019	ng	98
40) Hexachlorocyclopentadiene	9.17	237	546890	72.829	ng	96

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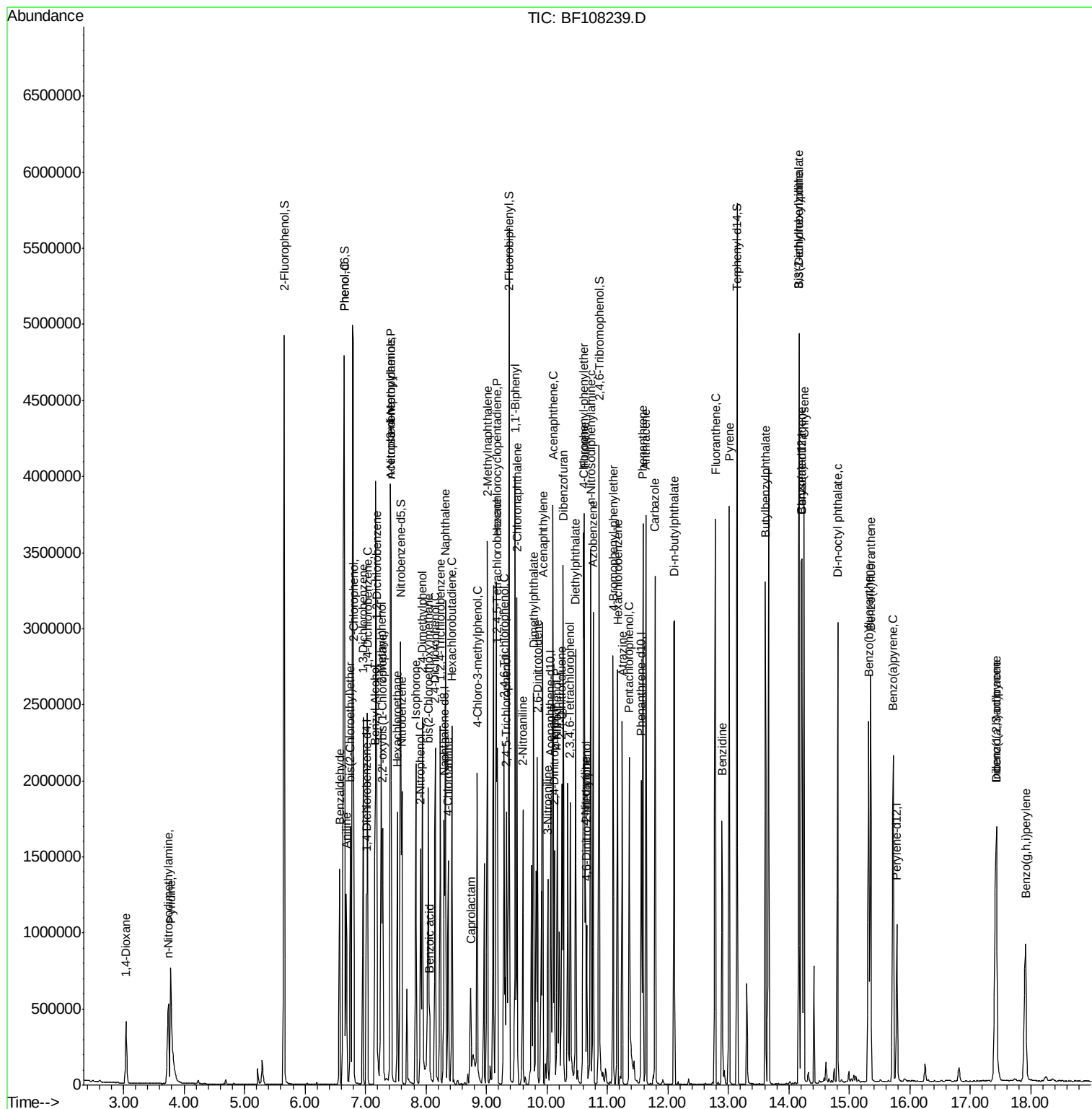
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42) 2,4,6-Trichlorophenol	9.29	196	319199	44.245	ng	98
43) 2,4,5-Trichlorophenol	9.33	196	375235	47.248	ng	97
45) 1,1'-Biphenyl	9.48	154	1212833	43.451	ng	100
46) 2-Chloronaphthalene	9.51	162	944761	42.824	ng	99
47) 2-Nitroaniline	9.60	65	321971	45.106	ng	84
48) Acenaphthylene	9.93	152	1495288	42.873	ng	99
49) Dimethylphthalate	9.78	163	1102472	41.806	ng	# 99
50) 2,6-Dinitrotoluene	9.84	165	246151	44.614	ng	89
51) Acenaphthene	10.10	154	904851	42.358	ng	98
52) 3-Nitroaniline	10.01	138	193461	32.047	ng	93
53) 2,4-Dinitrophenol	10.12	184	176537	85.014	ng	# 22
54) Dibenzofuran	10.27	168	1299613	41.992	ng	96
55) 4-Nitrophenol	10.17	139	351691	76.934	ng	84
56) 2,4-Dinitrotoluene	10.25	165	332314	46.792	ng	# 93
57) Fluorene	10.62	166	1036736	42.316	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	313656	47.252	ng	# 85
59) Diethylphthalate	10.48	149	1054544	41.296	ng	96
60) 4-Chlorophenyl-phenylether	10.60	204	532307	41.697	ng	92
61) 4-Nitroaniline	10.64	138	259102	43.413	ng	93
62) Azobenzene	10.77	77	1078677	40.902	ng	92
64) 4,6-Dinitro-2-methylphenol	10.66	198	121035	44.273	ng	92
65) n-Nitrosodiphenylamine	10.72	169	930591	42.789	ng	96
66) 4-Bromophenyl-phenylether	11.10	248	346227	43.289	ng	# 88
67) Hexachlorobenzene	11.17	284	356624	42.379	ng	# 88
68) Atrazine	11.25	200	315824	43.296	ng	94
69) Pentachlorophenol	11.36	266	358156	88.920	ng	97
70) Phenanthrene	11.59	178	1488919	42.892	ng	99
71) Anthracene	11.64	178	1522374	42.790	ng	98
72) Carbazole	11.79	167	1349287	42.685	ng	99
73) Di-n-butylphthalate	12.11	149	1593780	44.513	ng	99
74) Fluoranthene	12.78	202	1644673	43.413	ng	95
76) Benzidine	12.90	184	681569	30.489	ng	99
77) Pyrene	13.01	202	1638041	43.244	ng	97
79) Butylbenzylphthalate	13.61	149	692563	46.044	ng	95
80) Benzo(a)anthracene	14.21	228	1498772	43.649	ng	98
81) 3,3'-Dichlorobenzidine	14.17	252	380414	30.914	ng	# 95
82) Chrysene	14.25	228	1356151	43.080	ng	98
83) Bis(2-ethylhexyl)phthalate	14.17	149	907477	44.553	ng	# 97
84) Di-n-octyl phthalate	14.81	149	1499530	48.272	ng	96
85) Indeno(1,2,3-cd)pyrene	17.42	276	1047381	38.399	ng	# 91
87) Benzo(b)fluoranthene	15.32	252	1332450	46.940	ng	96
88) Benzo(k)fluoranthene	15.35	252	1180157	45.227	ng	# 96
89) Benzo(a)pyrene	15.72	252	1170233	46.037	ng	98
90) Dibenzo(a,h)anthracene	17.43	278	882605	41.965	ng	# 93
91) Benzo(g,h,i)perylene	17.91	276	852162	41.148	ng	# 90

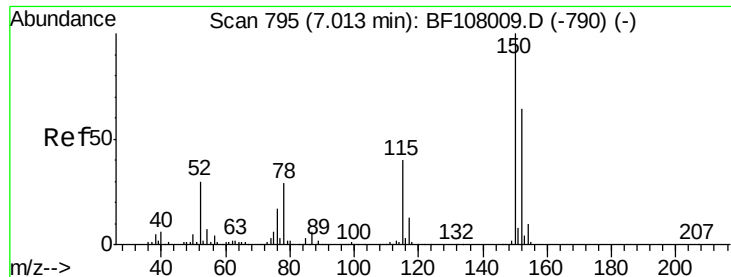
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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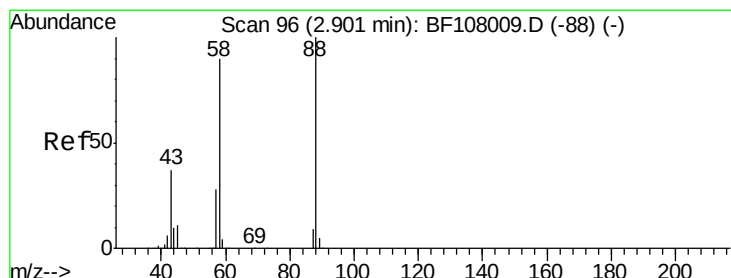
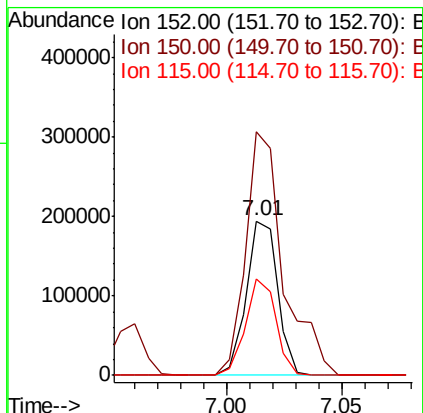
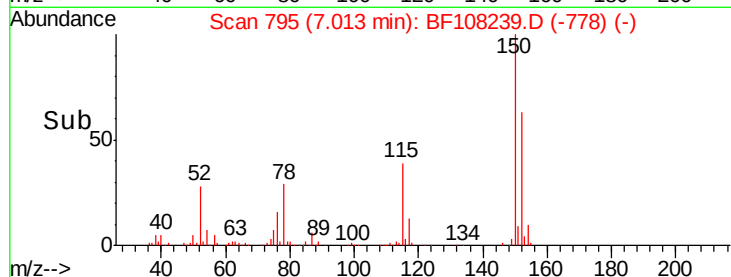
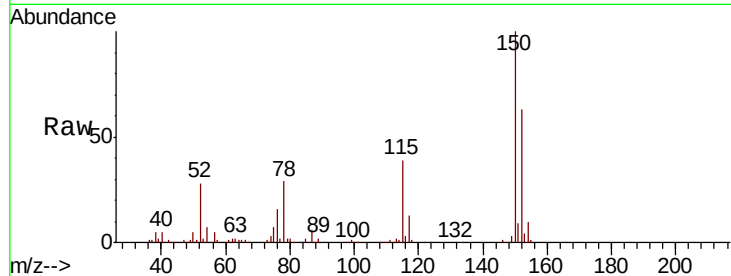


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Instrument :
BNA_F
ClientSampleId :

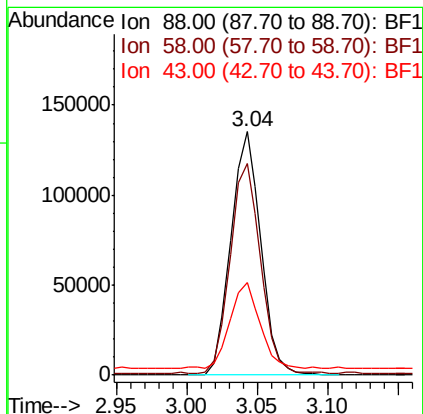
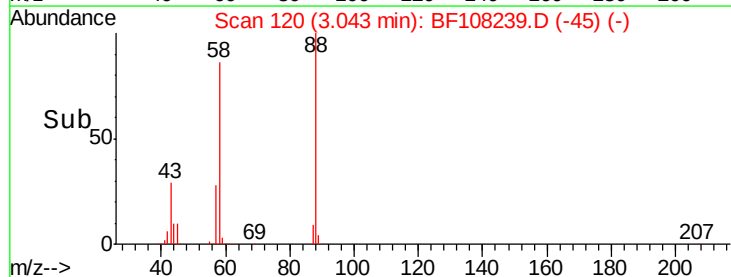
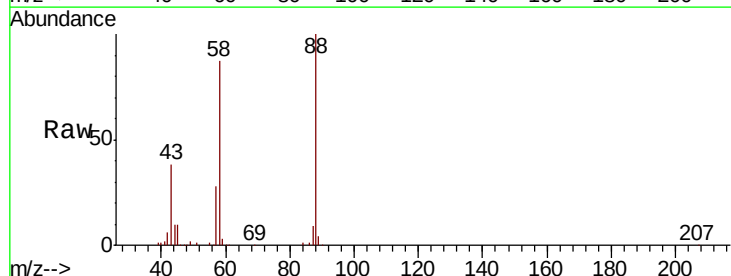
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	62.1	50.1	75.1

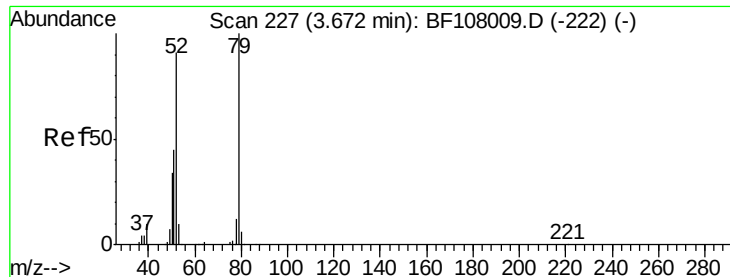


#2

1,4-Dioxane
Concen: 37.980 ng
RT: 3.04 min Scan# 120
Delta R.T. 0.14 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.1	62.6	93.8
43	35.2	24.6	37.0





#3

Pvridine

Concen: 39.702 ng

RT: 3.78 min Scan# 245

Delta R.T. 0.11 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

Instrument :

BNA_F

ClientSampleId :

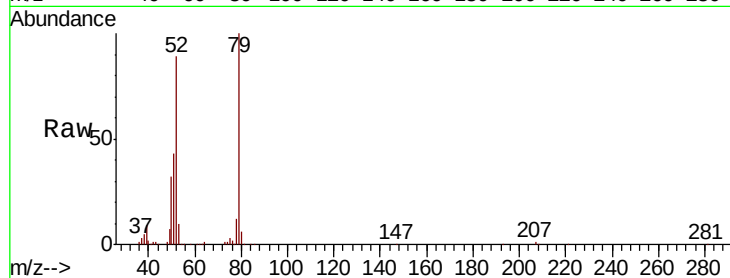
Tot Ion: 79 Resp: 538279

Ion Ratio Lower Upper

79 100

52 88.9 59.8 89.6

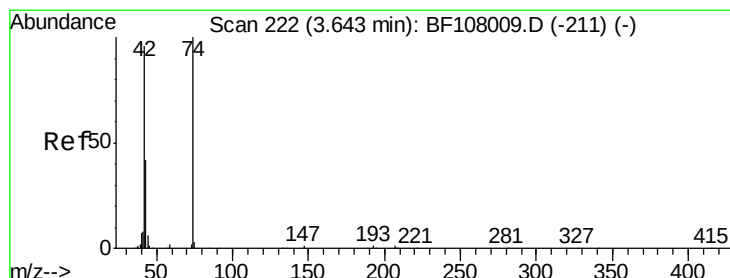
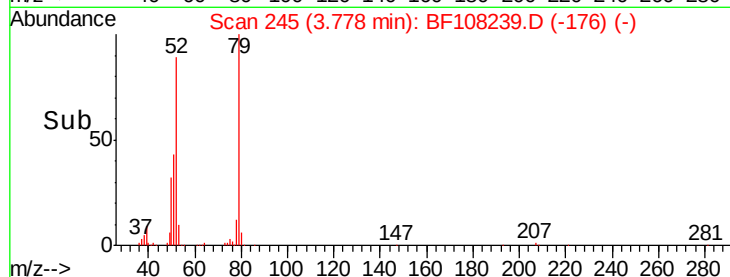
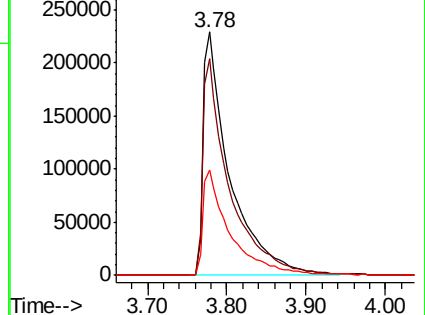
51 43.4 29.8 44.8



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: 38.924 ng

RT: 3.74 min Scan# 239

Delta R.T. 0.10 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

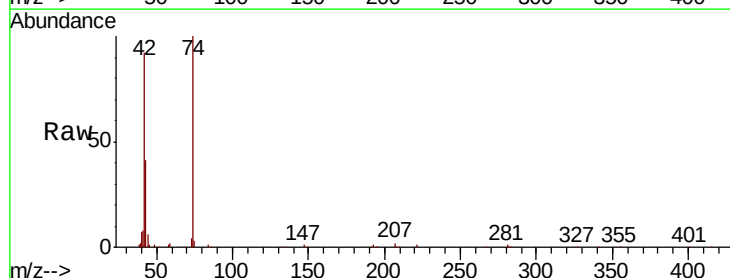
Tgt Ion: 42 Resp: 296955

Ion Ratio Lower Upper

42 100

74 108.4 104.9 157.3

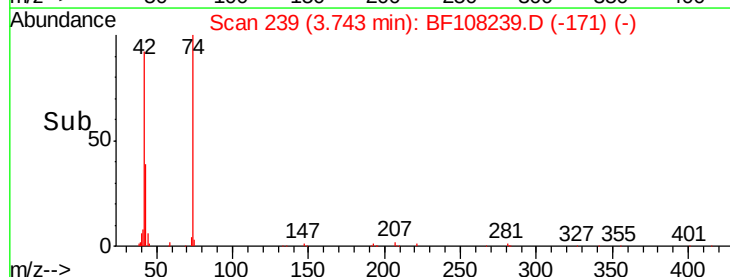
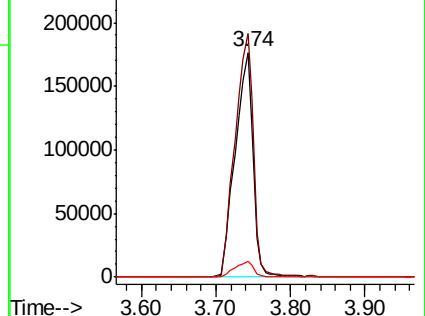
44 7.0 6.9 10.3

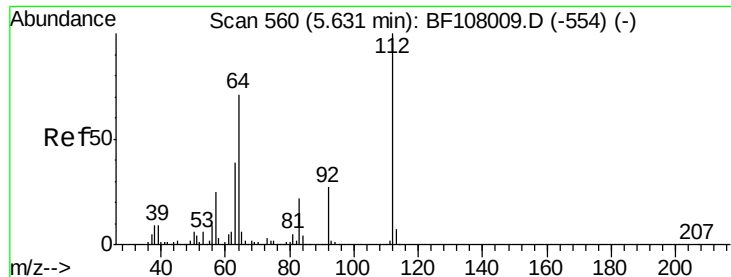


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 144.052 ng

RT: 5.66 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

Instrument :

BNA_F

ClientSampleId :

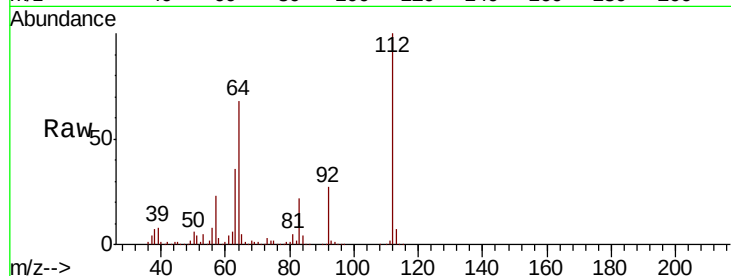
Tot Ion:112 Resp: 1475532

Ion Ratio Lower Upper

112 100

64 68.5 47.9 71.9

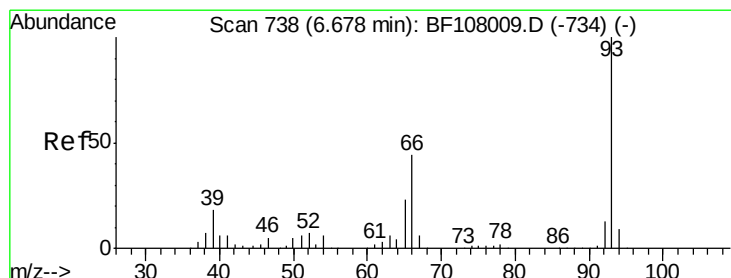
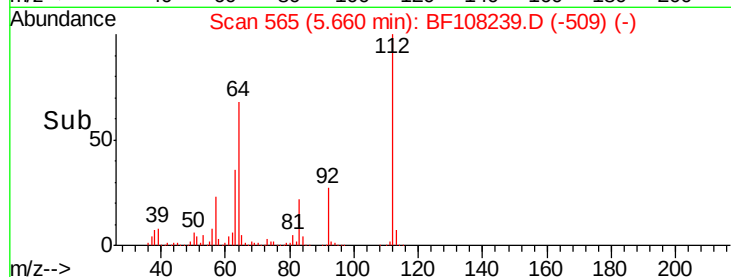
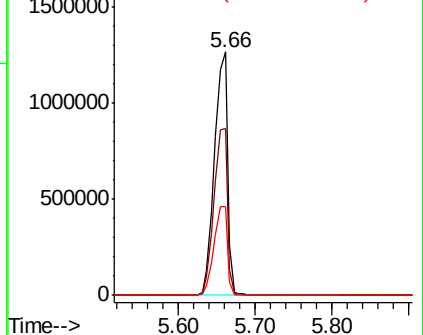
63 36.5 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.370 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

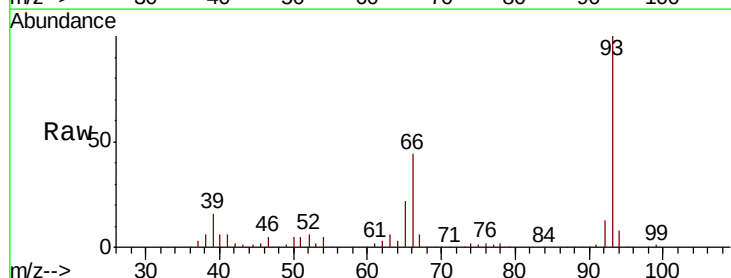
Tgt Ion: 93 Resp: 580812

Ion Ratio Lower Upper

93 100

66 43.9 32.2 48.2

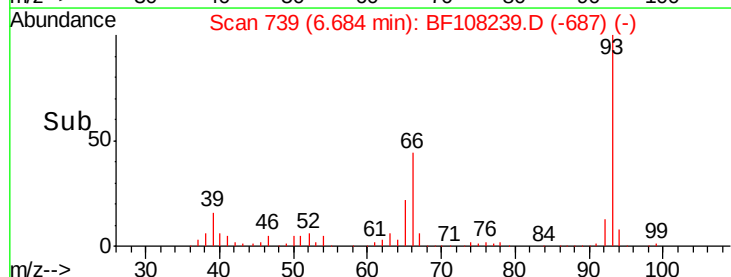
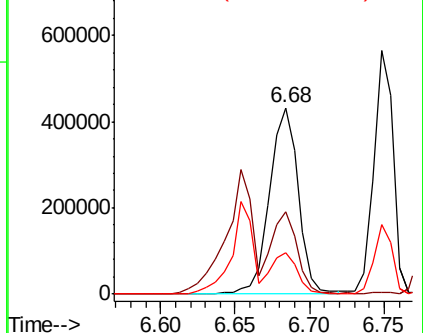
65 22.0 16.4 24.6

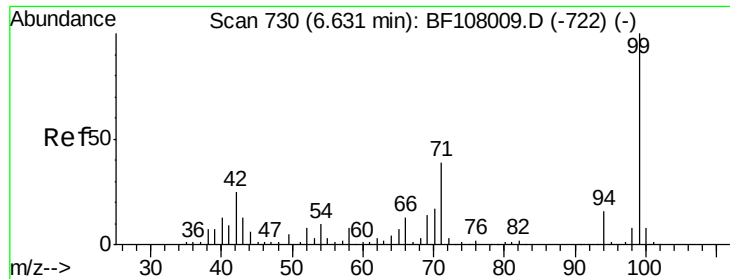


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 147.381 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

Instrument :

BNA_F

ClientSampleId :

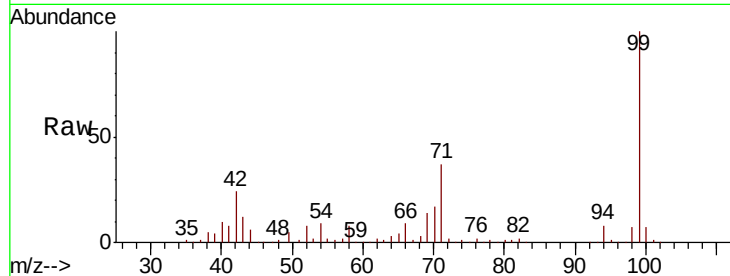
Tot Ion: 99 Resp: 2006092

Ion Ratio Lower Upper

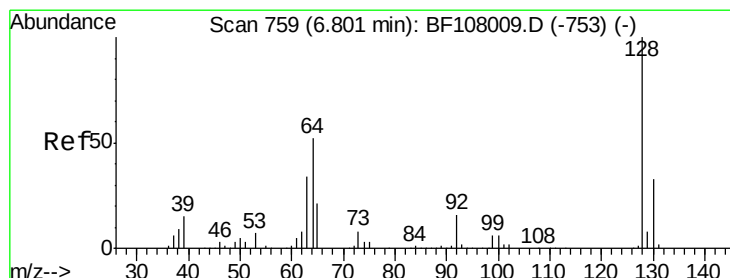
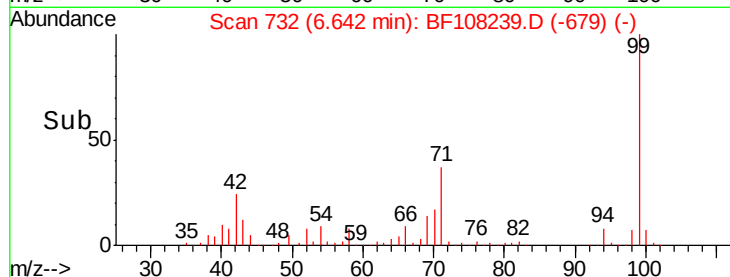
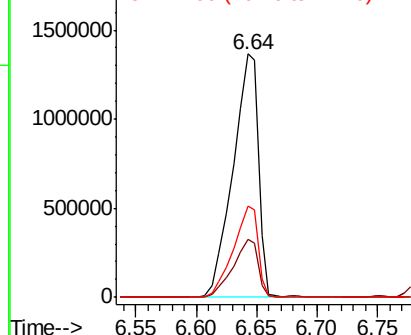
99 100

42 23.7 14.5 21.7#

71 37.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 43.173 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

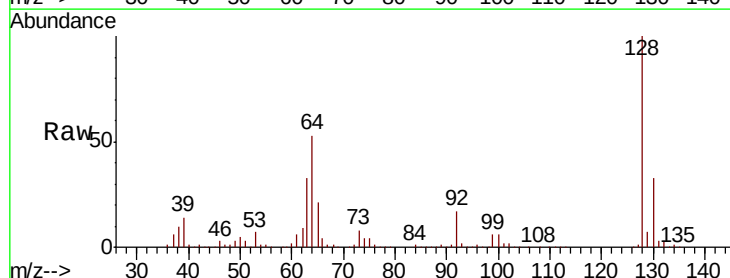
Tgt Ion:128 Resp: 498069

Ion Ratio Lower Upper

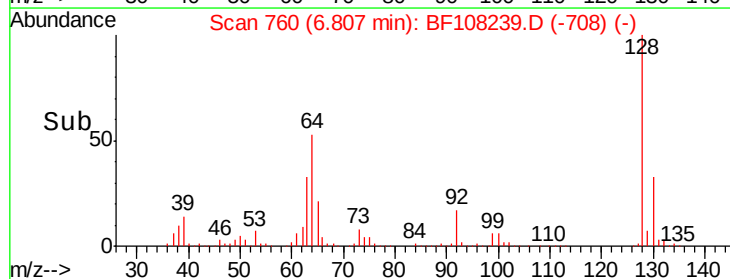
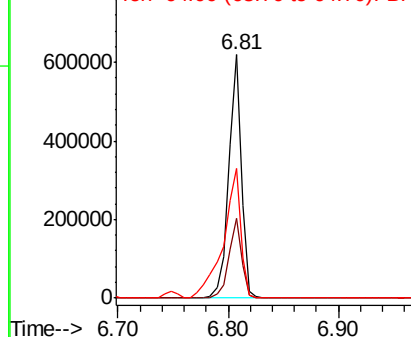
128 100

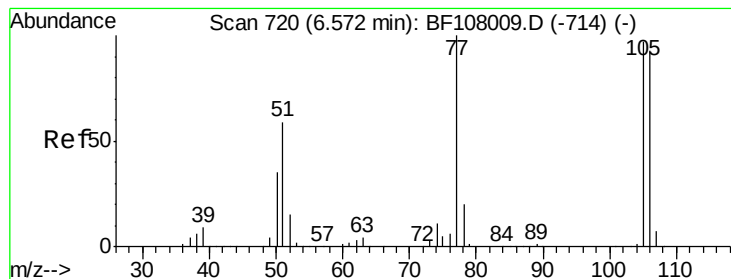
130 32.8 13.0 53.0

64 53.4 29.4 69.4



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





#9

Benzaldehyde

Concen: 25.245 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108239.D

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Instrument :

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ClientSampleId :

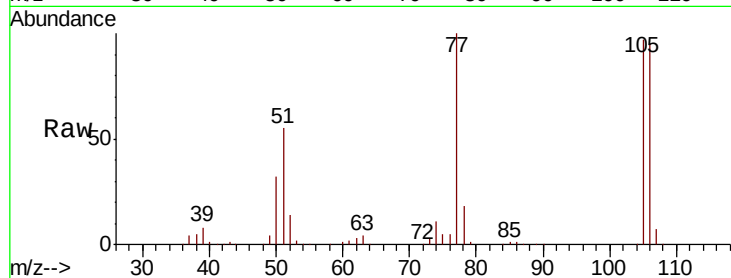
Tot Ion: 77 Resp: 266421

Ion Ratio Lower Upper

77 100

105 97.4 81.1 121.1

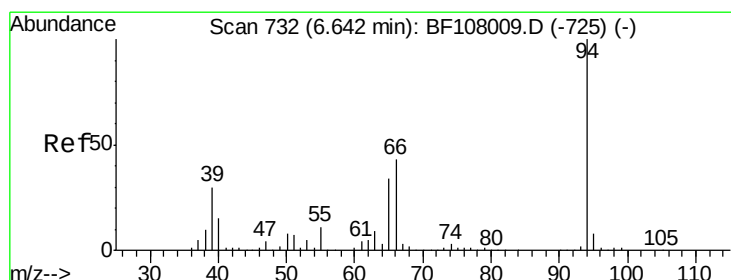
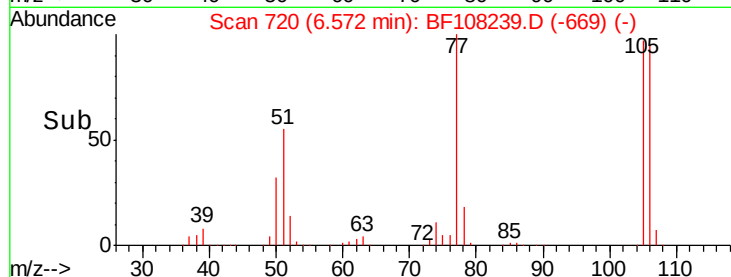
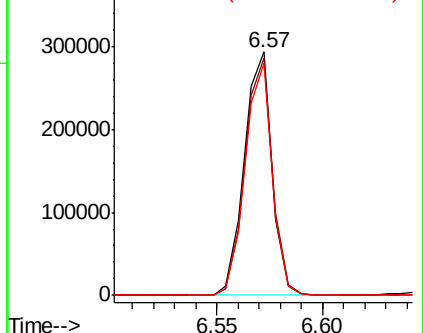
106 95.2 74.5 114.5



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: 45.573 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

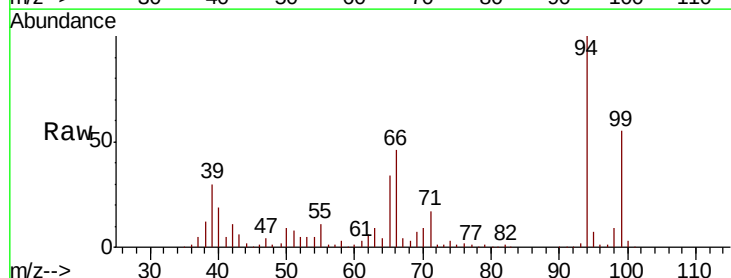
Tgt Ion: 94 Resp: 641657

Ion Ratio Lower Upper

94 100

65 33.9 7.9 47.9

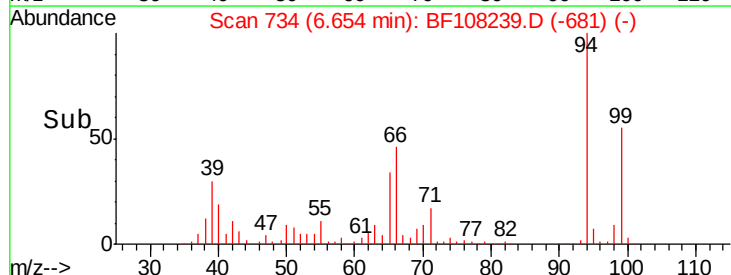
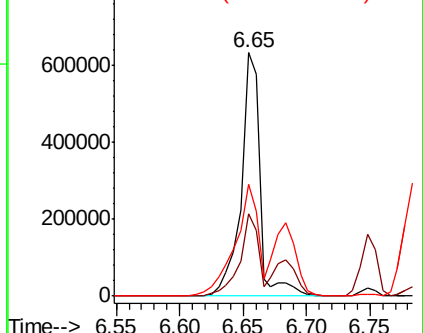
66 45.8 16.2 56.2

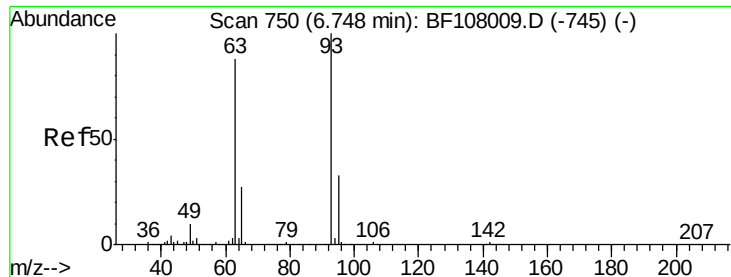


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

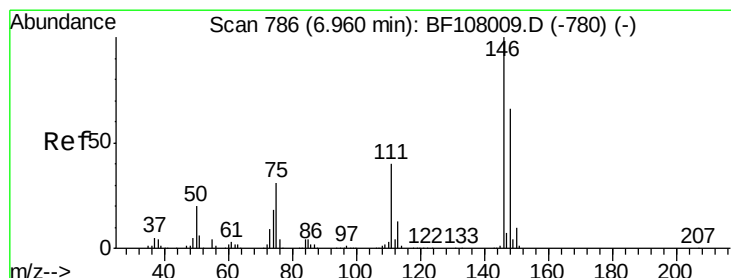
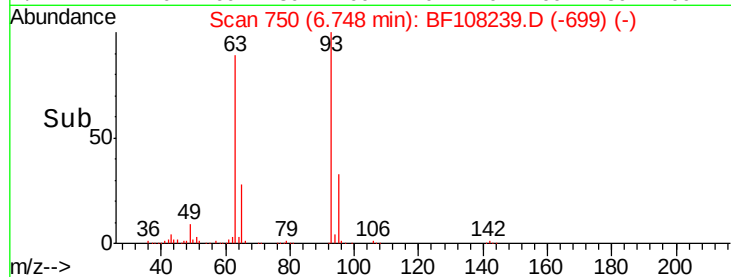
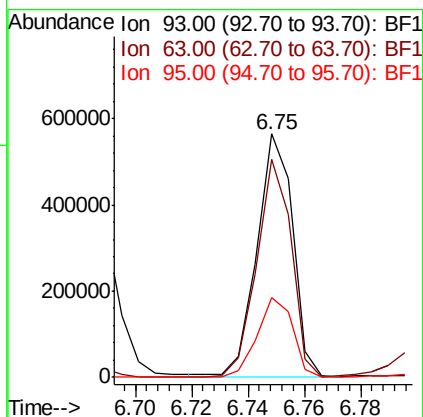
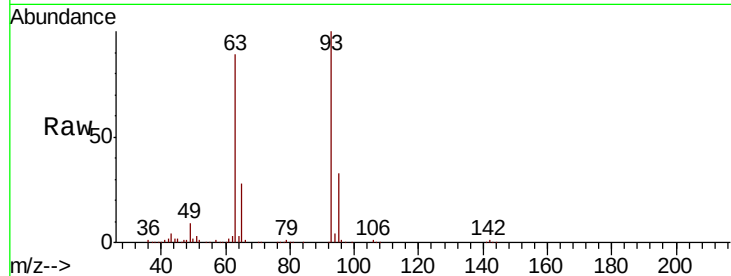




#11
 bis(2-Chloroethyl)ether
 Concen: 43.267 ng
 RT: 6.75 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

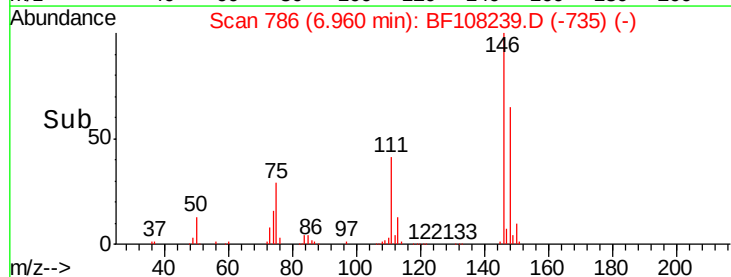
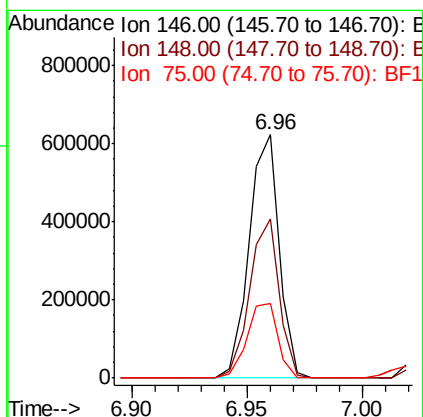
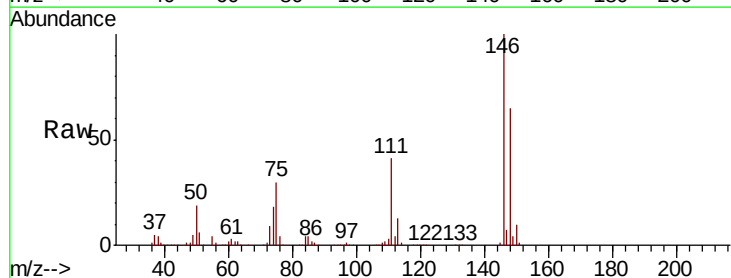
Instrument :
 BNA_F
 ClientSampleId :

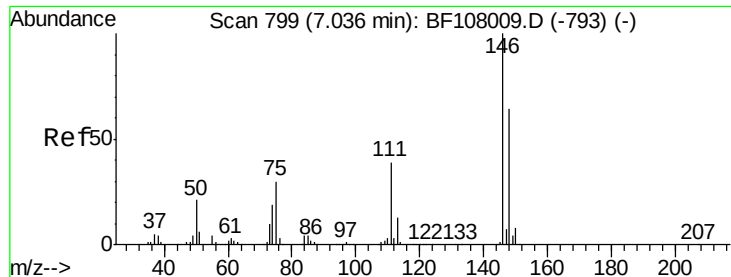
Tot Ion	Ratio	Lower	Upper
93	100		
63	89.4	58.6	98.6
95	32.7	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 42.567 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
75	30.4	24.2	36.4

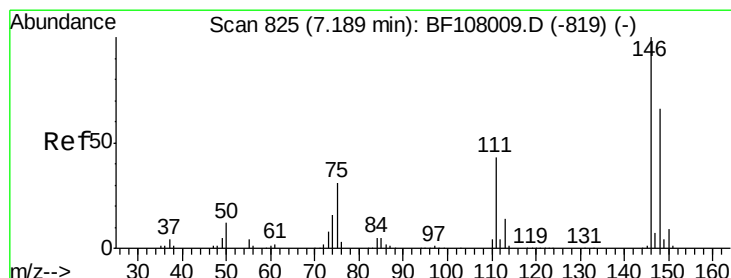
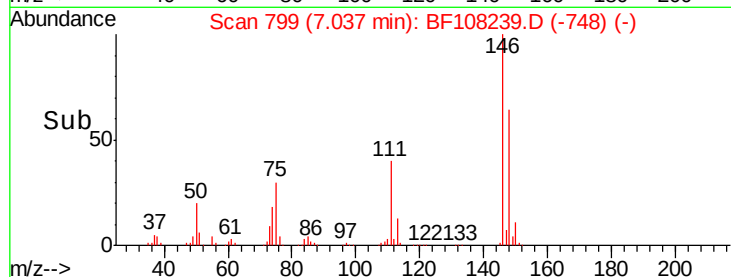
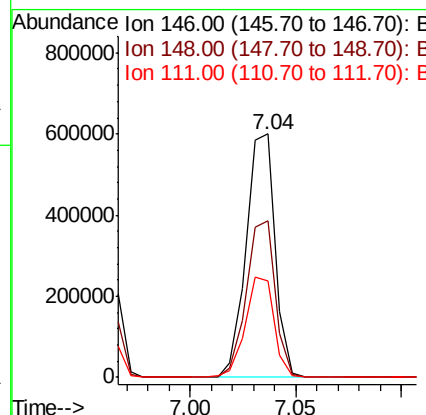
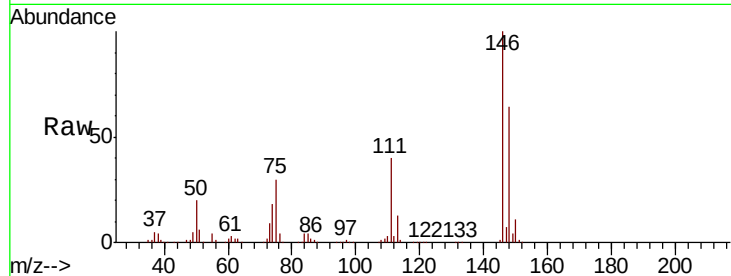




#13
 1,4-Dichlorobenzene
 Concen: 42.465 ng
 RT: 7.04 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

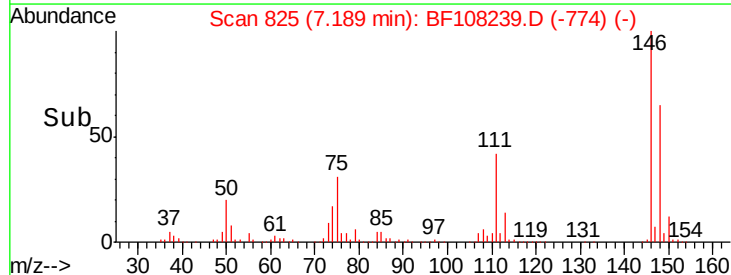
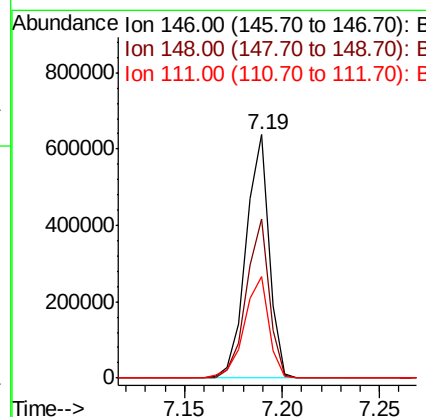
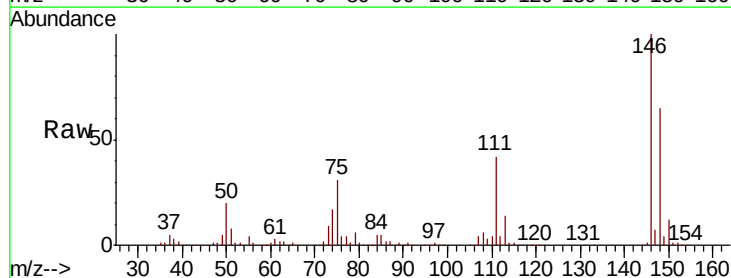
Instrument :
 BNA_F
 ClientSampleId :

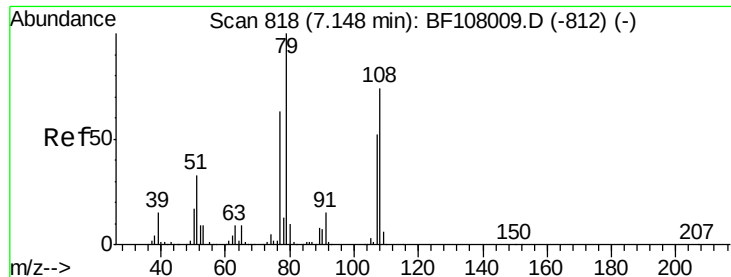
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	39.7	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.955 ng
 RT: 7.19 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.6	75.8
111	41.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 35.955 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

Instrument :

BNA_F

ClientSampled :

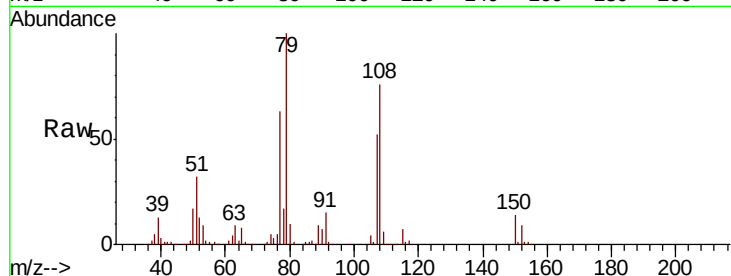
Tot Ion: 79 Resp: 412009

Ion Ratio Lower Upper

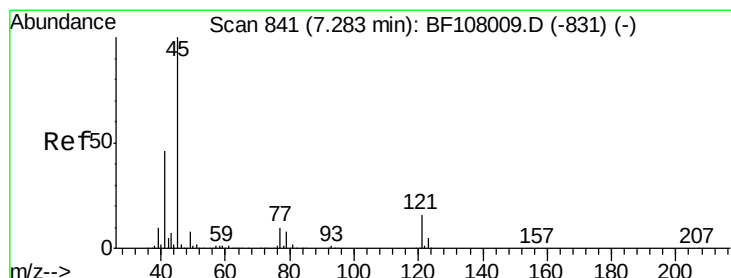
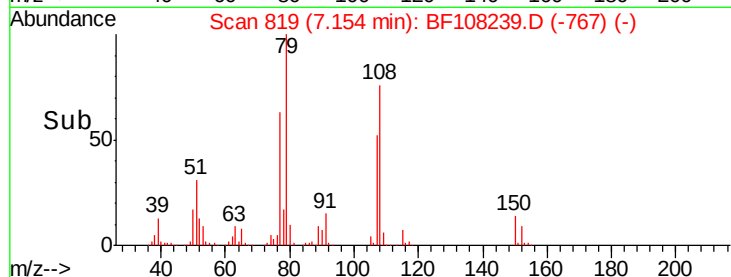
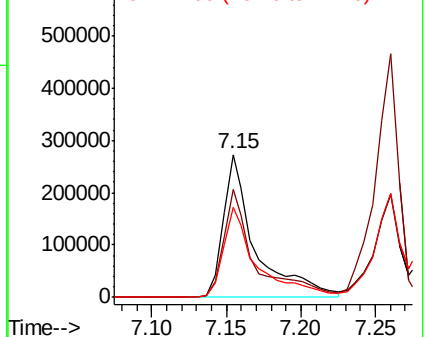
79 100

108 75.8 65.1 97.7

77 63.0 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.835 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

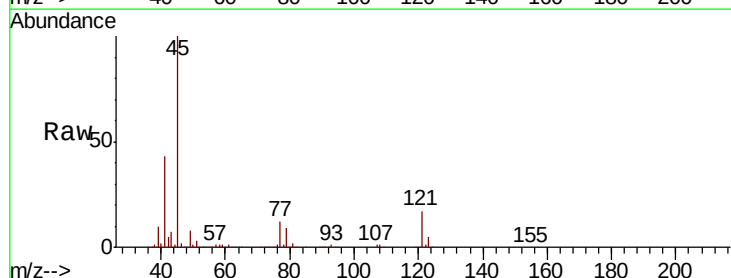
Tgt Ion: 45 Resp: 957569

Ion Ratio Lower Upper

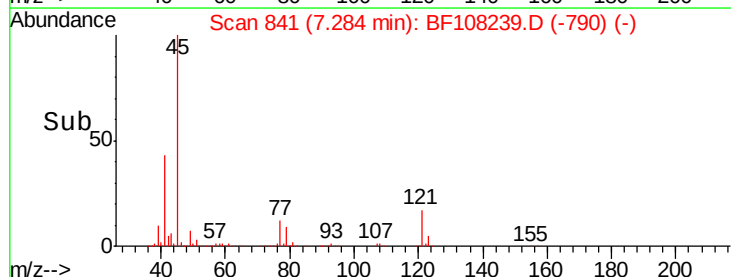
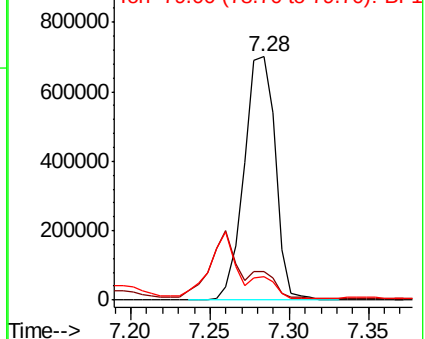
45 100

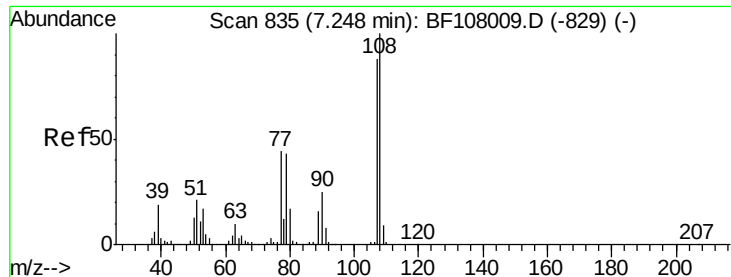
77 11.5 0.0 32.9

79 9.4 0.0 29.6



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

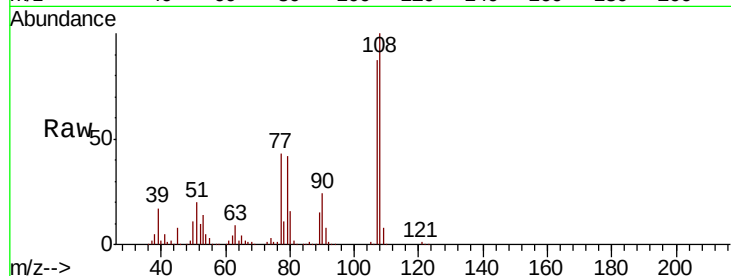




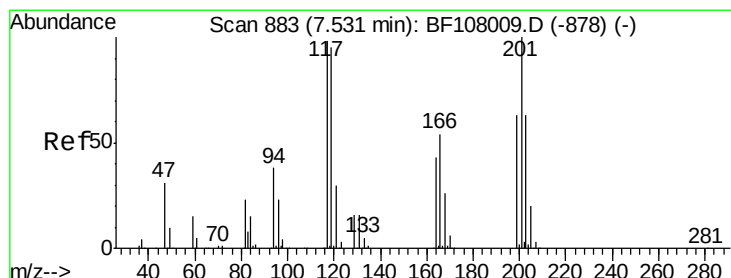
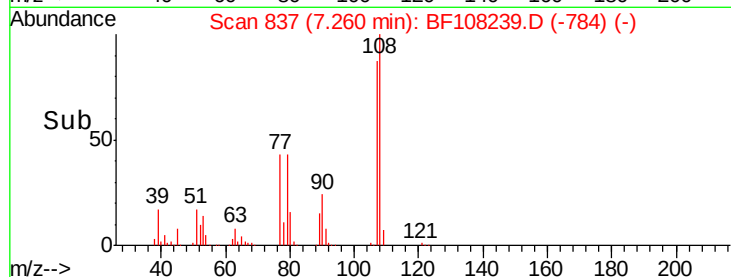
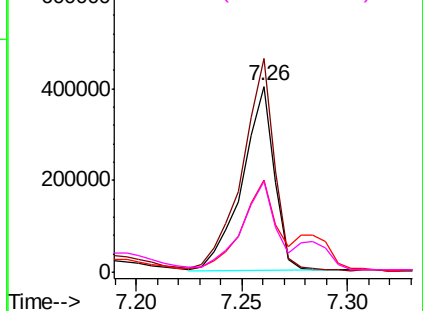
#17
2-Methylphenol
Concen: 43.284 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 428221
Ion Ratio Lower Upper
107 100
108 114.8 91.7 137.5
77 49.3 33.8 50.8
79 48.6 33.8 50.8

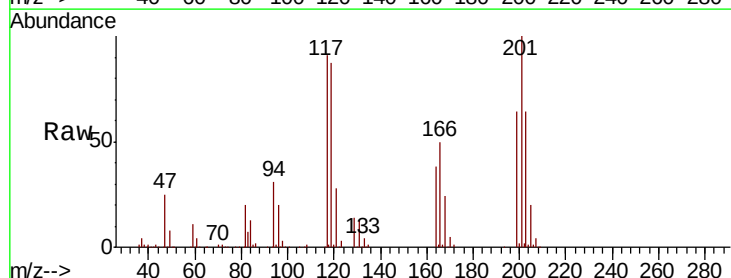


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

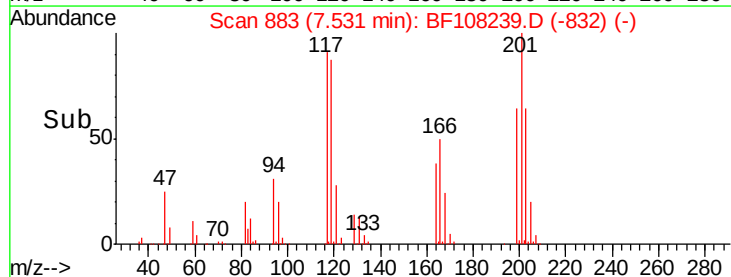
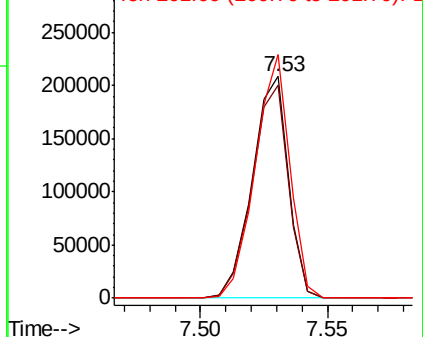


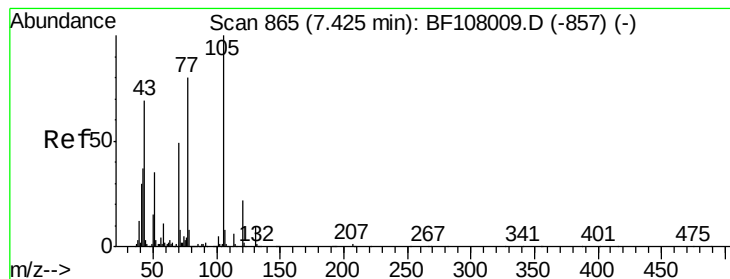
#18
Hexachloroethane
Concen: 43.391 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Tgt Ion:117 Resp: 207035
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
201 110.1 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: 41.050 ng

RT: 7.42 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 377851

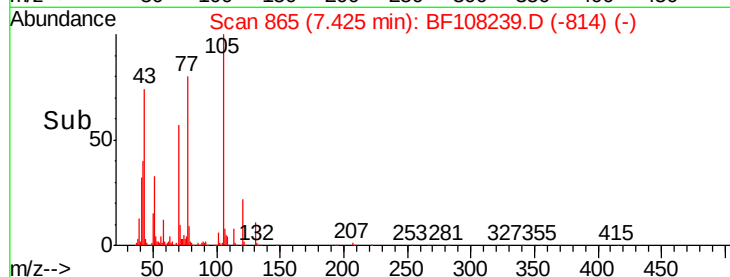
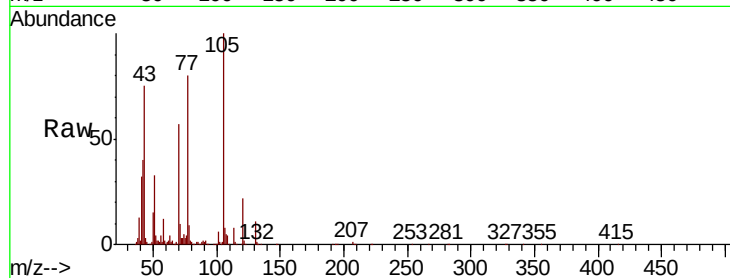
Ion Ratio Lower Upper

70 100

42 70.1 47.5 71.3

101 9.7 7.4 11.2

130 20.1 16.6 25.0

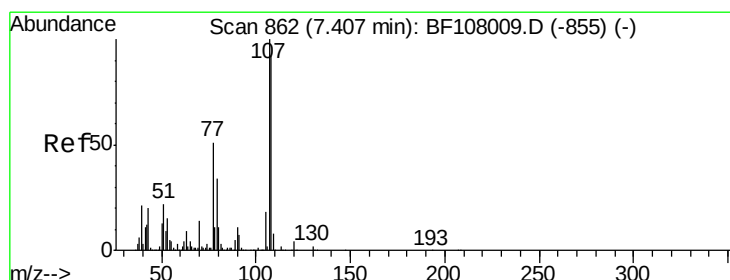
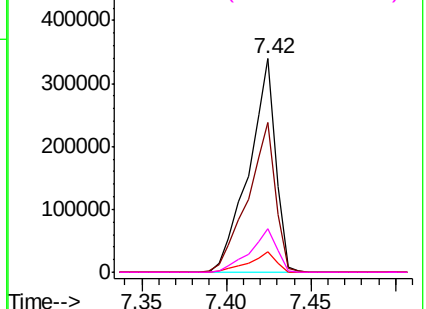


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 41.866 ng

RT: 7.41 min Scan# 863

Delta R.T. 0.01 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

Tgt Ion: 107 Resp: 530771

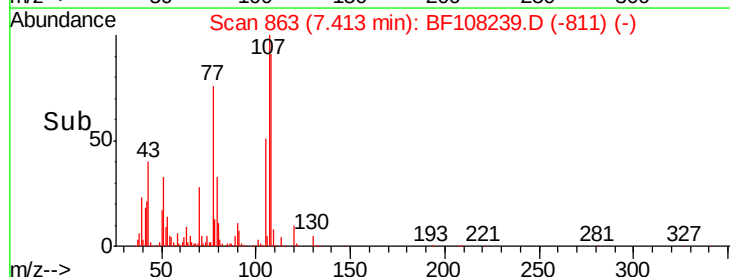
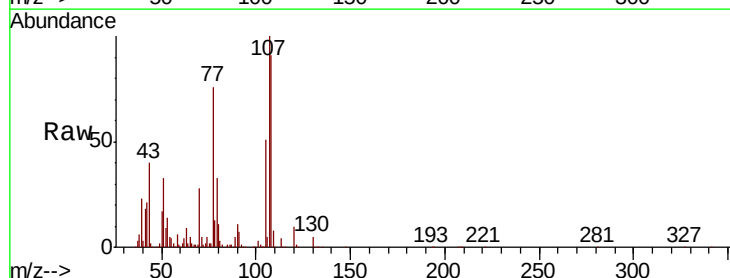
Ion Ratio Lower Upper

107 100

108 91.5 68.2 108.2

77 76.2 26.7 66.7#

79 32.9 6.3 46.3

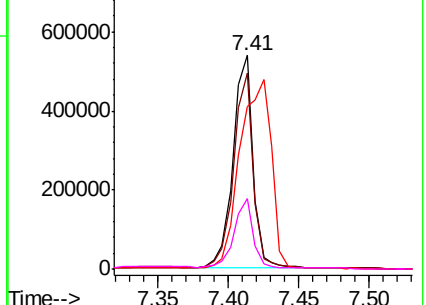


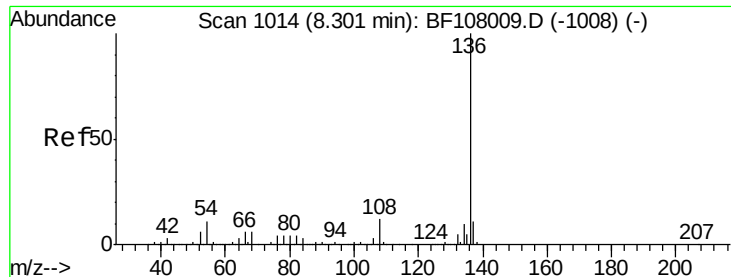
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

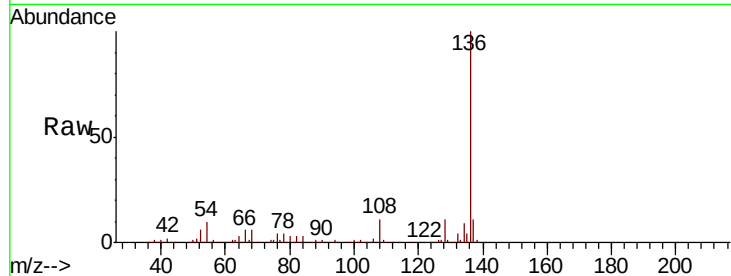




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	747038
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 9.8	6.6	9.8
68 5.8	5.0	7.4



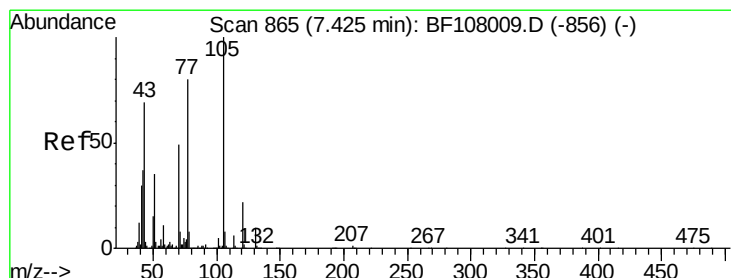
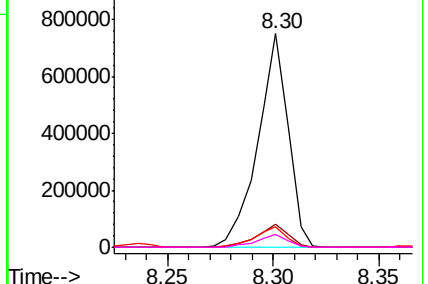
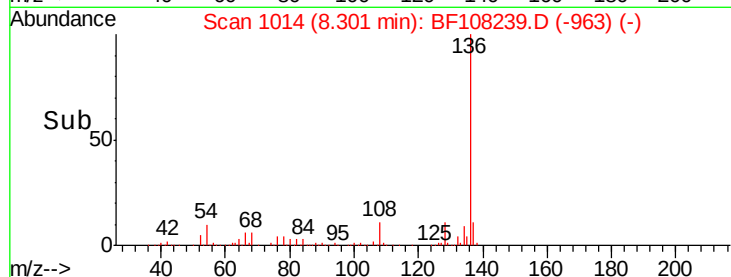
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

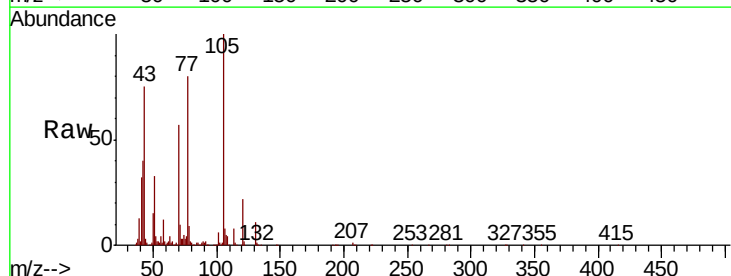
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.343 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Tgt	Ion:105	Resp:	722170
Ion	Ratio	Lower	Upper
105	100		
71	9.6	4.4	6.6#
51	33.2	22.3	33.5
120	21.7	16.9	25.3



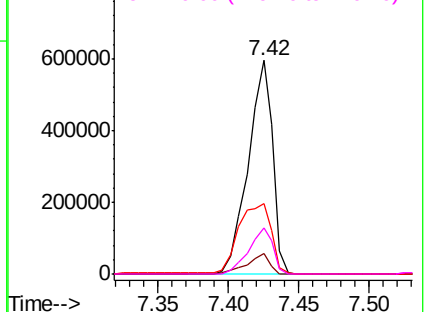
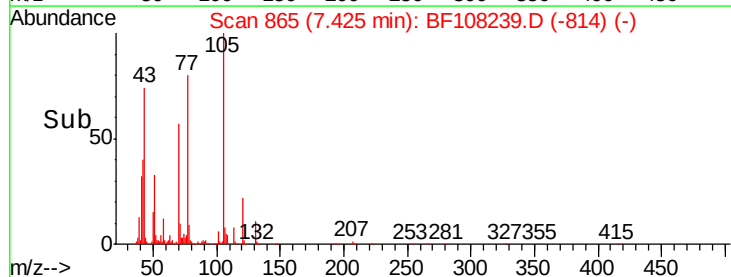
Abundance

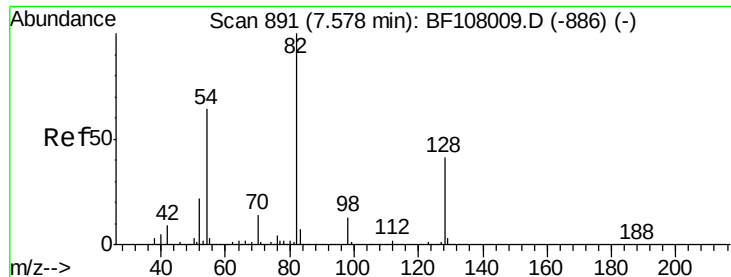
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

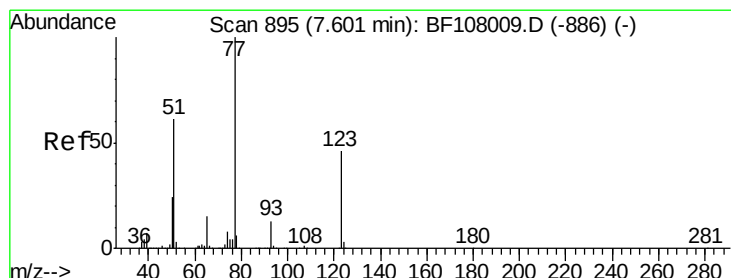
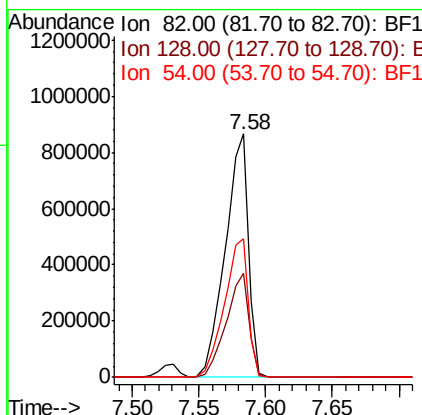
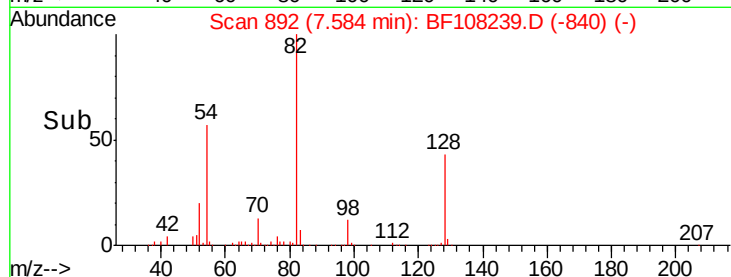
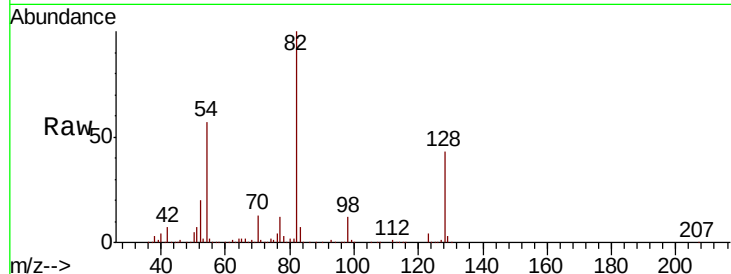




#23
 Nitrobenzene-d5
 Concen: 79.229 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

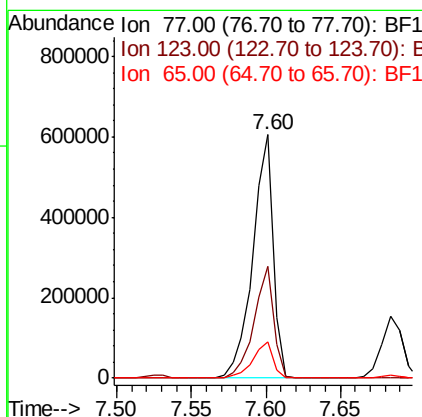
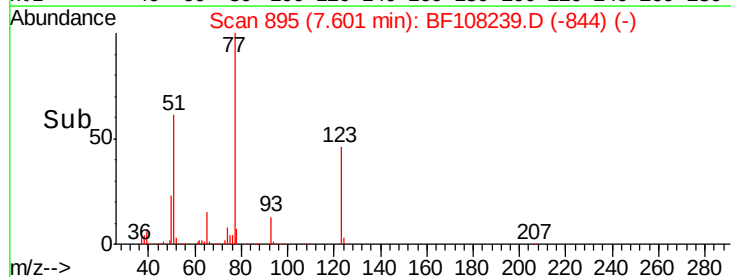
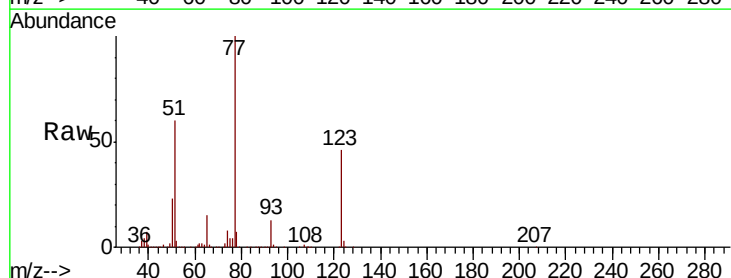
Instrument :
 BNA_F
 ClientSampled :

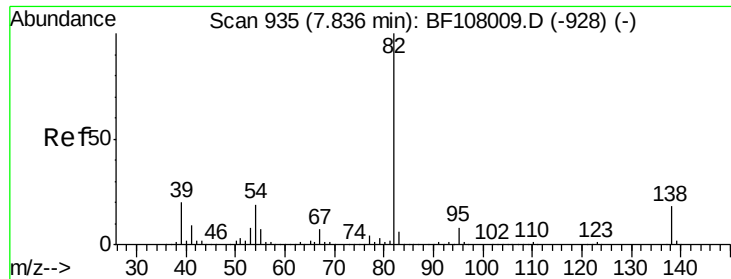
Tot Ion: 82 Resp: 1060679
 Ion Ratio Lower Upper
 82 100
 128 42.7 36.1 54.1
 54 57.0 41.4 62.2



#24
 Nitrobenzene
 Concen: 42.079 ng
 RT: 7.60 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

Tgt Ion: 77 Resp: 569645
 Ion Ratio Lower Upper
 77 100
 123 46.1 37.9 56.9
 65 14.7 11.0 16.4

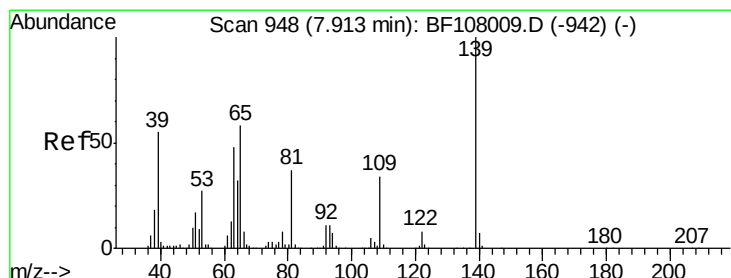
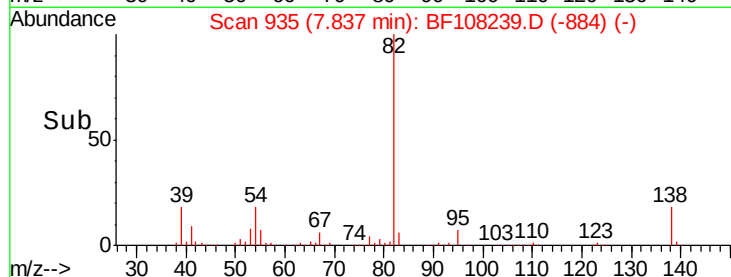
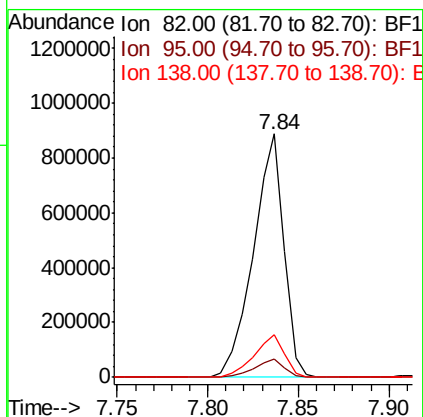
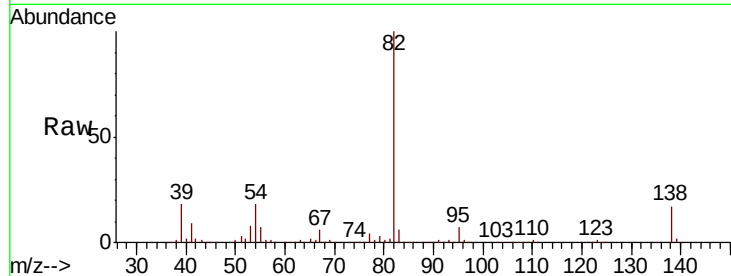




#25
Isophorone
Concen: 40.638 ng
RT: 7.84 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

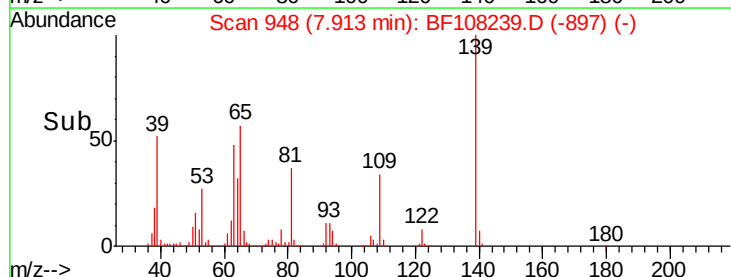
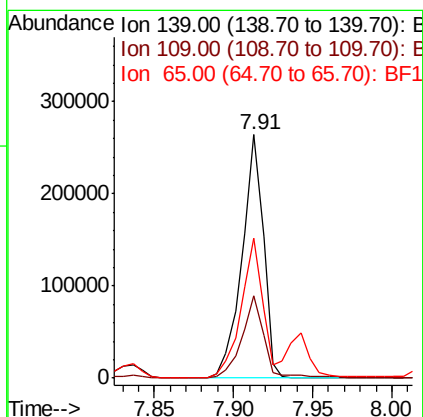
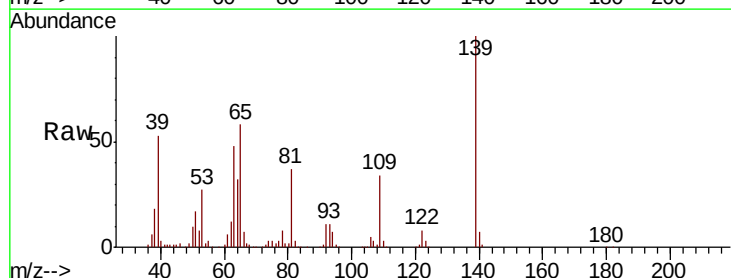
Instrument :
BNA_F
ClientSampled :

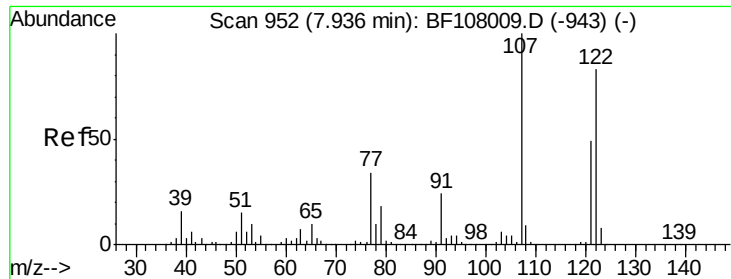
Tot Ion: 82 Resp: 1036964
Ion Ratio Lower Upper
82 100
95 7.3 5.2 7.8
138 17.3 14.9 22.3



#26
2-Nitrophenol
Concen: 48.460 ng
RT: 7.91 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Tgt Ion: 139 Resp: 247747
Ion Ratio Lower Upper
139 100
109 34.0 22.7 34.1
65 57.5 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 42.485 ng

RT: 7.94 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

Instrument :

BNA_F

ClientSampleId :

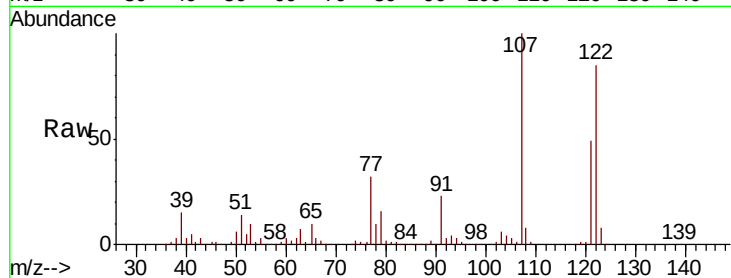
Tot Ion:122 Resp: 481145

Ion Ratio Lower Upper

122 100

107 117.4 91.2 136.8

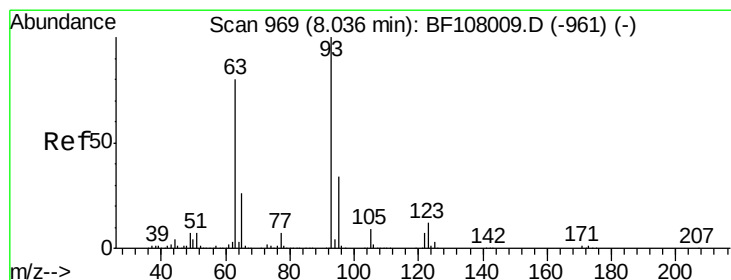
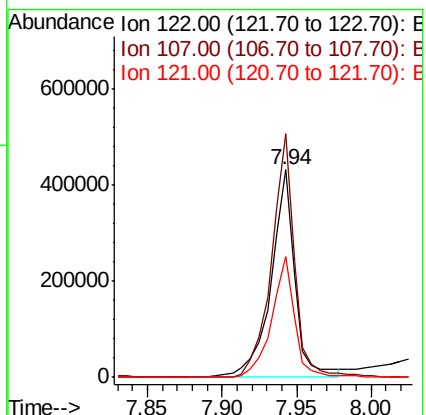
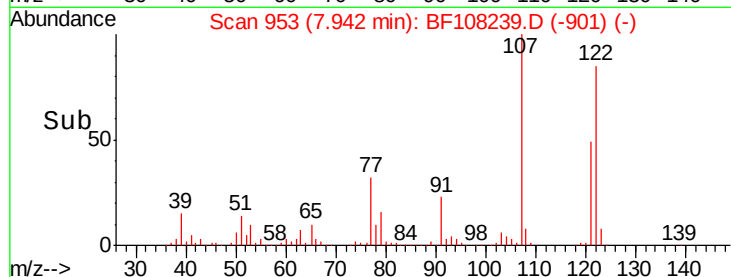
121 58.0 47.2 70.8



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: 42.178 ng

RT: 8.04 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

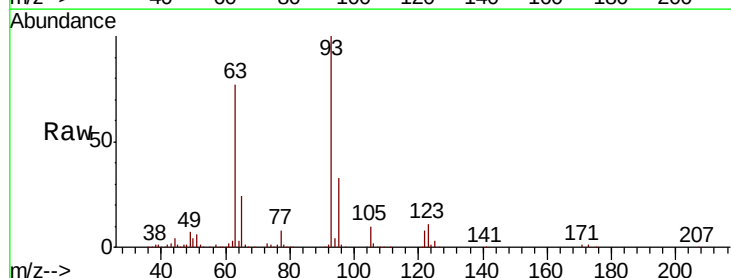
Tgt Ion: 93 Resp: 628292

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

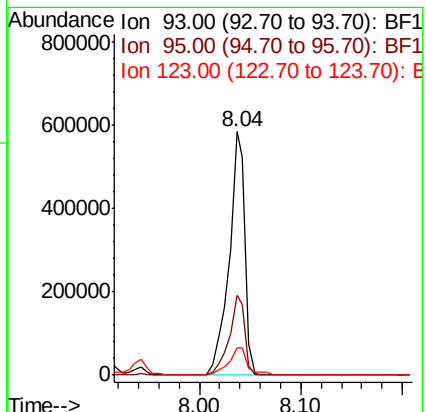
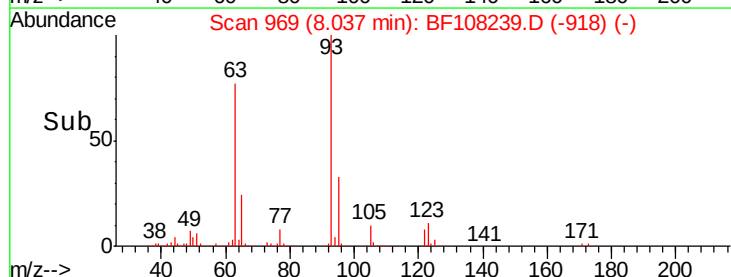
123 11.4 9.8 14.6

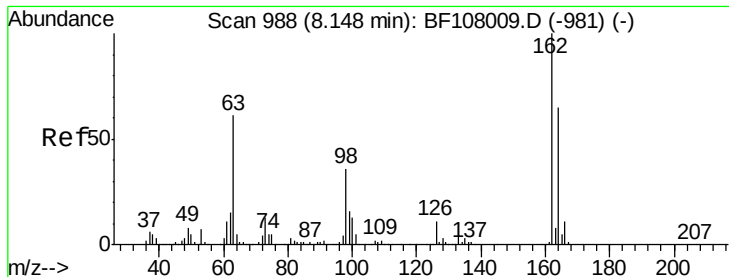


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

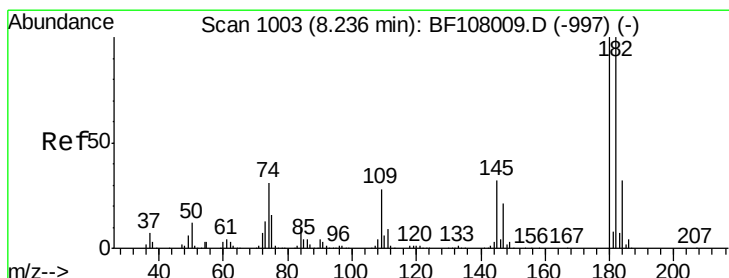
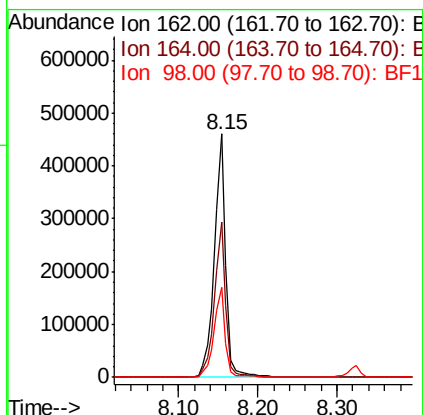
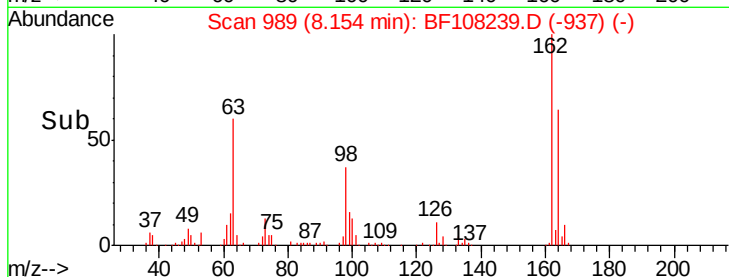
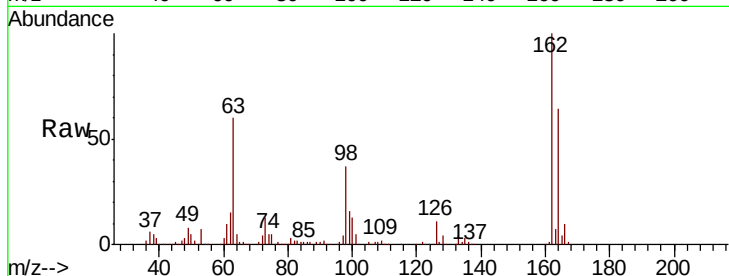




#29
2,4-Dichlorophenol
Concen: 44.145 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

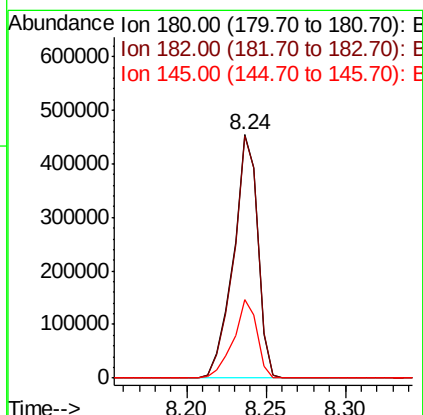
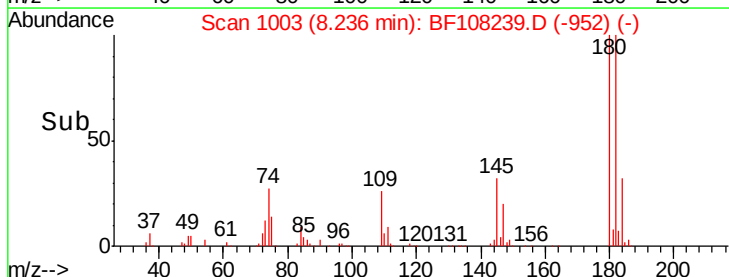
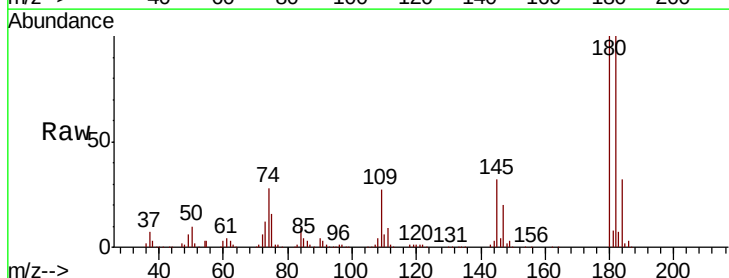
Instrument :
BNA_F
ClientSampleId :

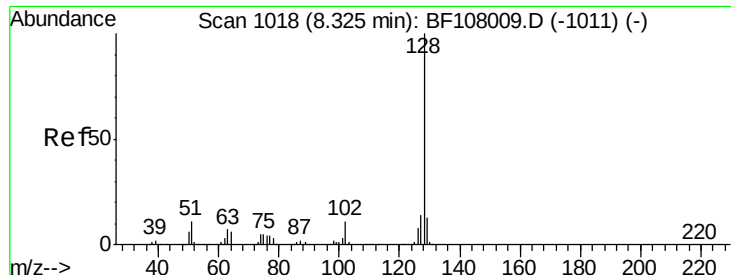
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.7	82.7
98	36.8	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 42.021 ng
RT: 8.24 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.6	76.8	115.2
145	32.0	26.5	39.7

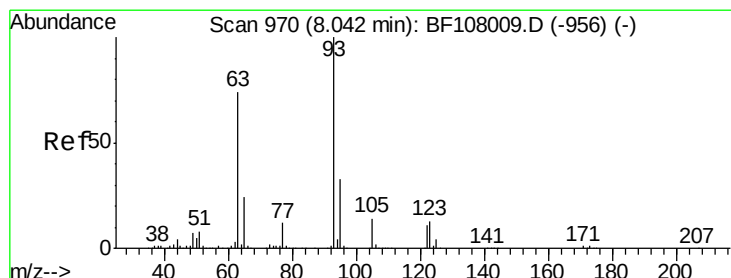
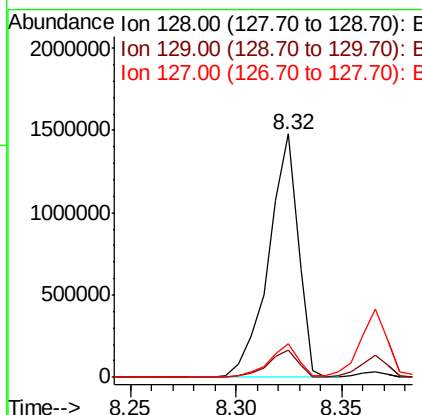
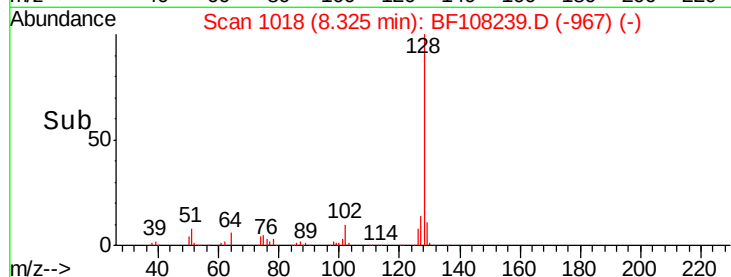
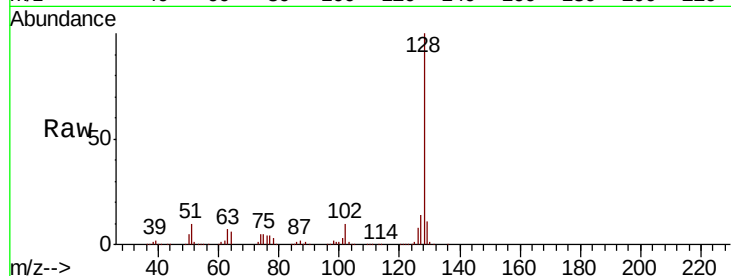




#31
Naphthalene
Concen: 42.721 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

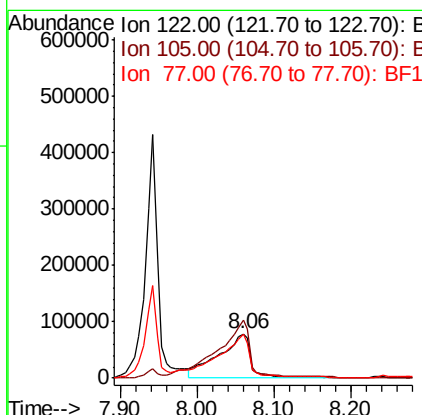
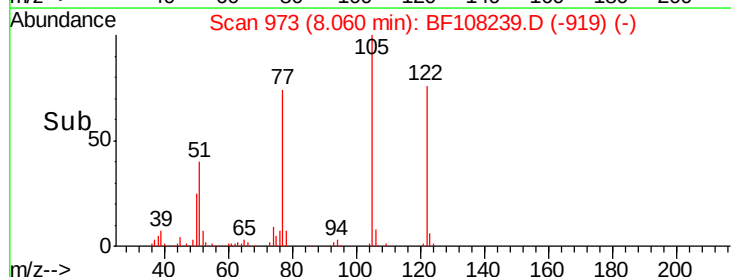
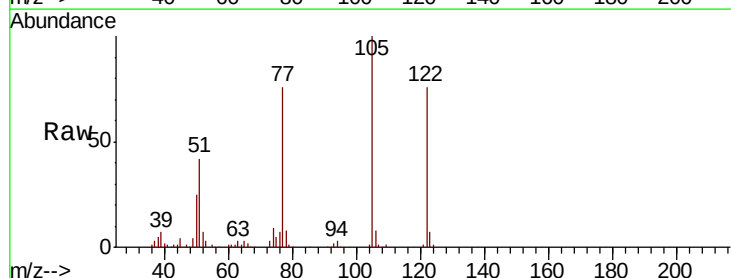
Instrument :
BNA_F
ClientSampleId :

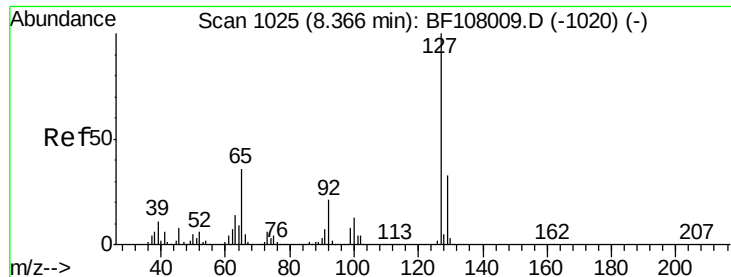
Tot Ion:128 Resp: 1451397
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 36.109 ng
RT: 8.06 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Tgt Ion:122 Resp: 226194
Ion Ratio Lower Upper
122 100
105 130.9 101.1 141.1
77 99.4 70.7 110.7

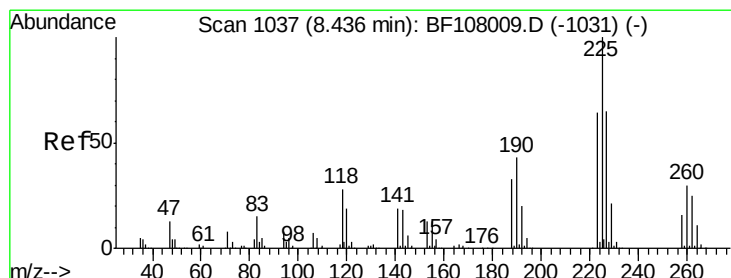
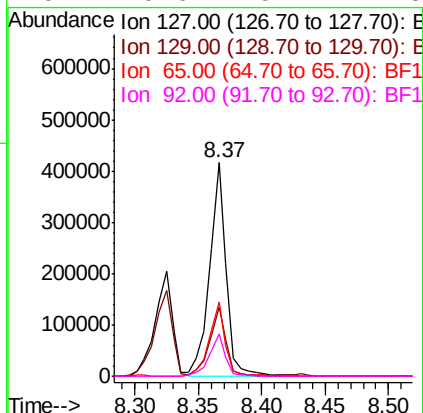
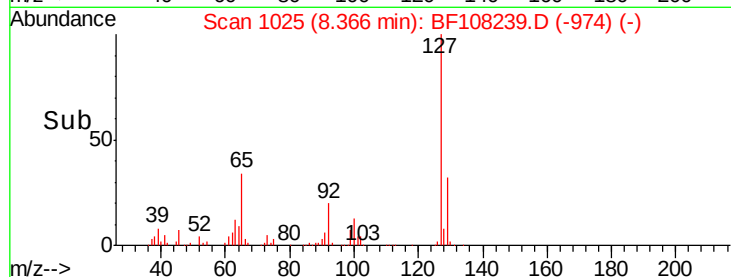
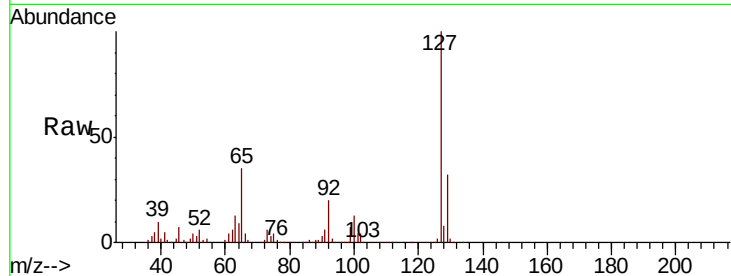




#33
4-Chloroaniline
Concen: 25.851 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

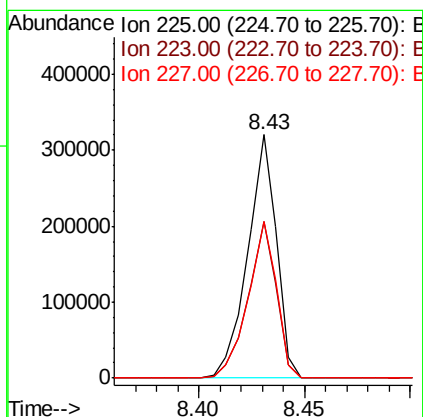
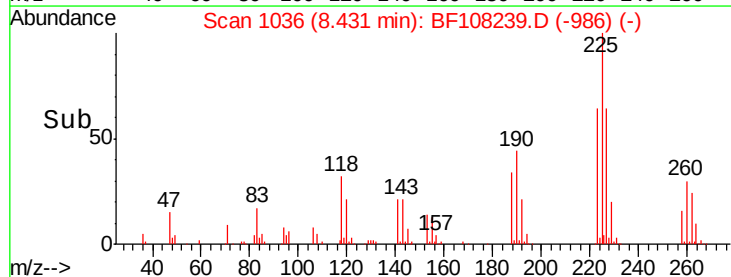
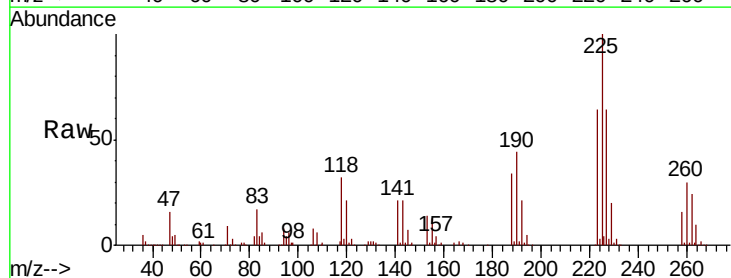
Instrument :
BNA_F
ClientSampleId :

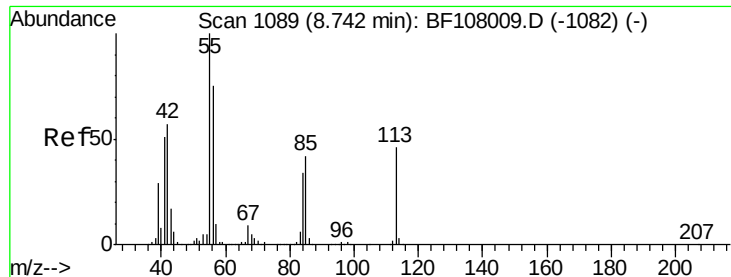
Tot Ion:	127	Resp:	382732
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	34.7	25.0	37.4
92	19.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.696 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Tgt Ion:	225	Resp:	303310
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	64.4	51.9	77.9

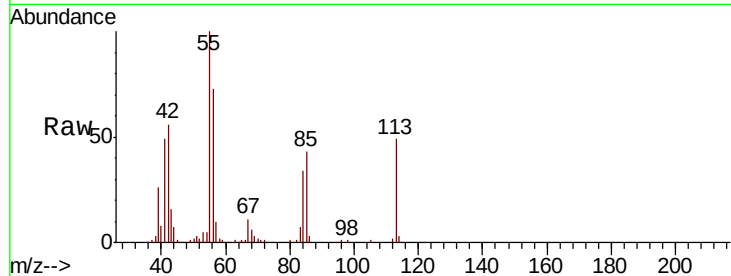




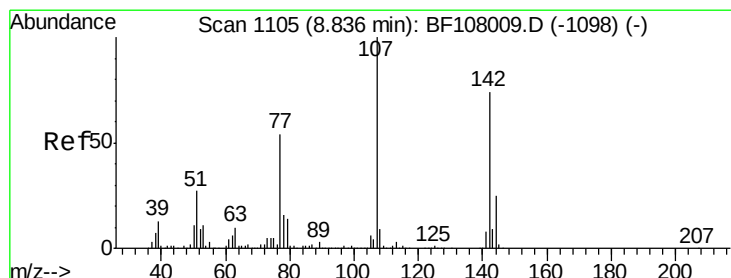
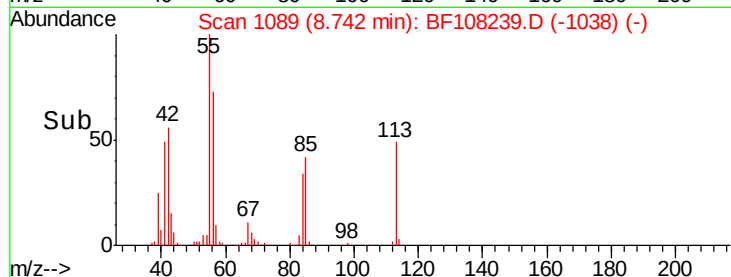
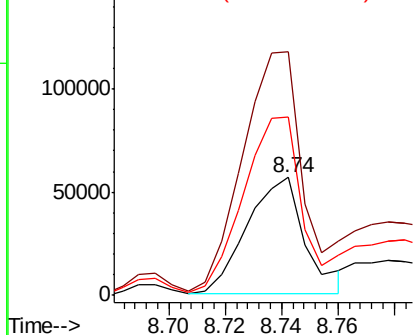
#35
 Caprolactam
 Concen: 24.642 ng
 RT: 8.74 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 80483
 Ion Ratio Lower Upper
 113 100
 55 206.1 163.3 203.3#
 56 151.1 115.7 155.7

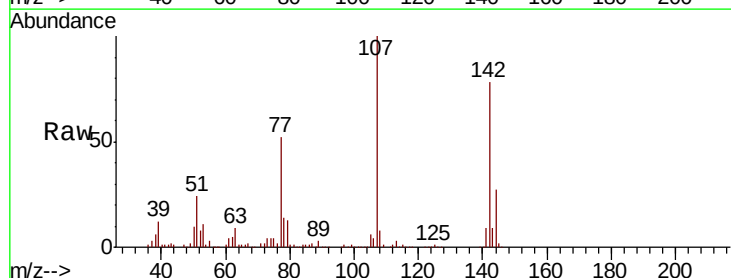


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

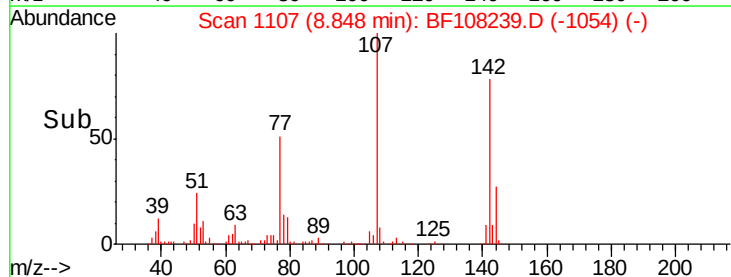
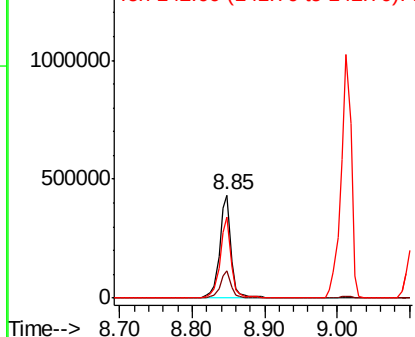


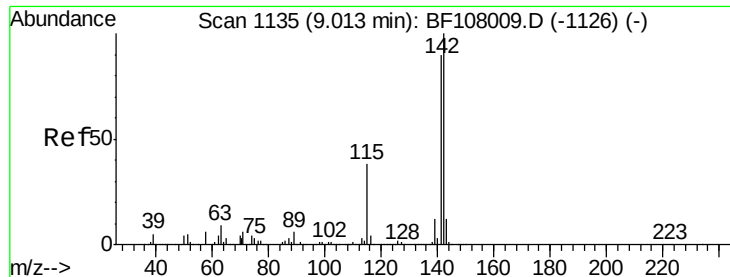
#36
 4-Chloro-3-methylphenol
 Concen: 42.315 ng
 RT: 8.85 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

Tgt Ion:107 Resp: 475754
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.5 30.7
 142 78.5 62.0 93.0



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

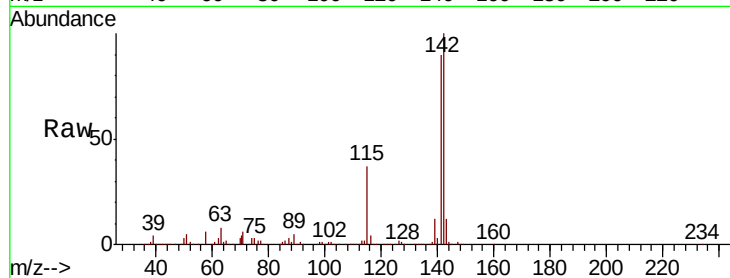




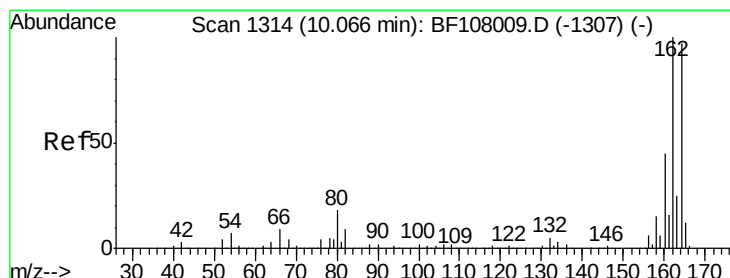
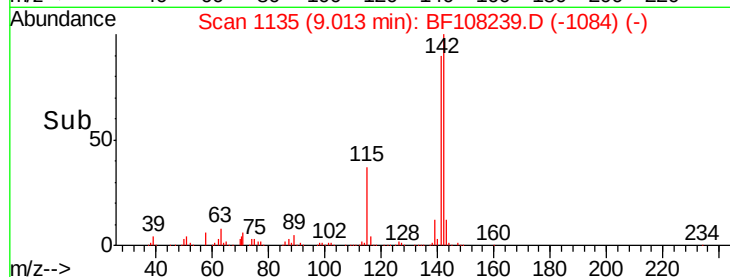
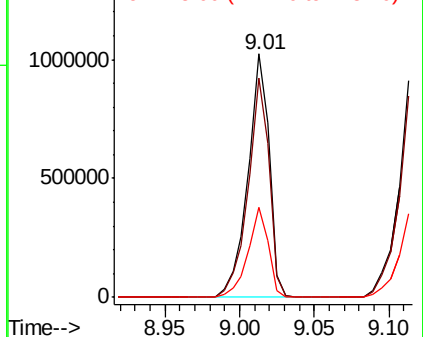
#37
2-Methylnaphthalene
Concen: 41.803 ng
RT: 9.01 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1004806
Ion Ratio Lower Upper
142 100
141 90.0 70.8 106.2
115 37.0 26.1 39.1

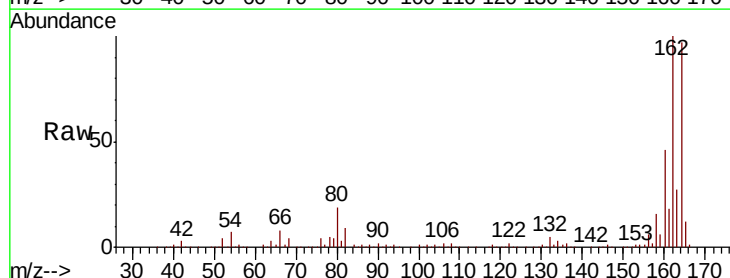


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

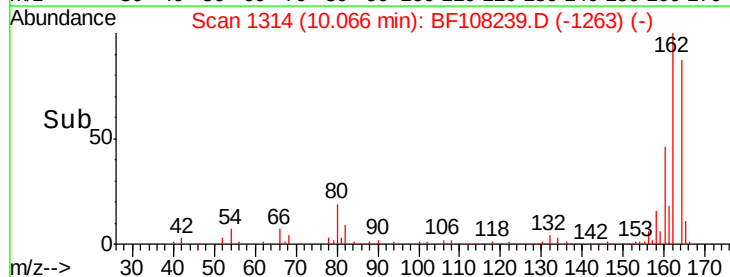
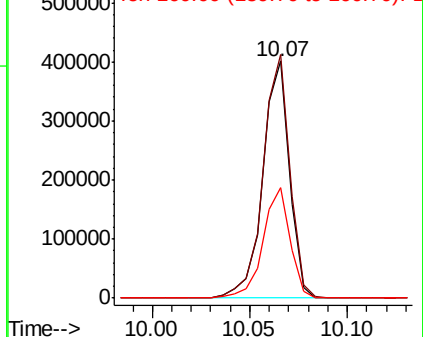


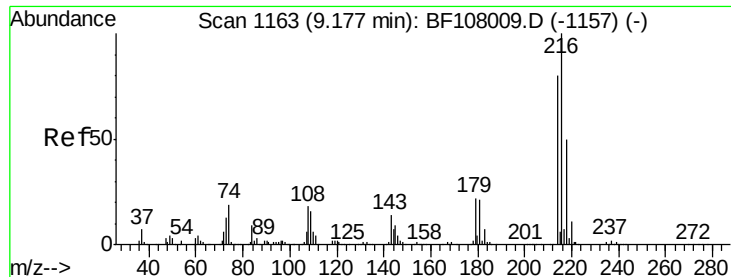
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Tgt Ion:164 Resp: 378581
Ion Ratio Lower Upper
164 100
162 102.7 86.1 129.1
160 46.8 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.019 ng

RT: 9.18 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 500135

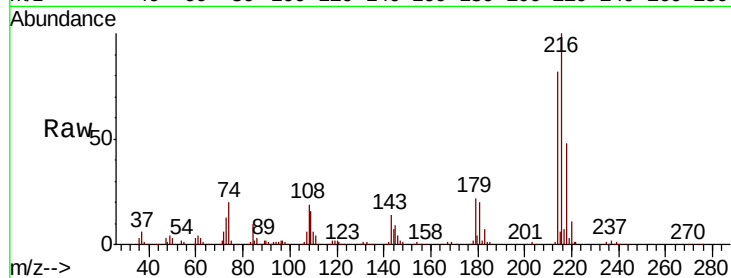
Ion Ratio Lower Upper

216 100

214 80.6 63.0 94.4

179 20.7 18.1 27.1

108 20.7 17.2 25.8

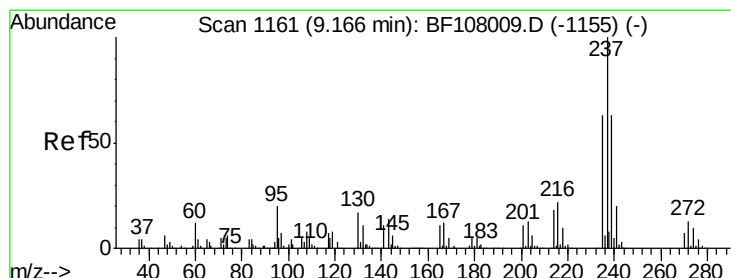
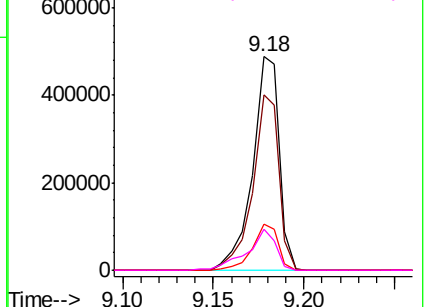
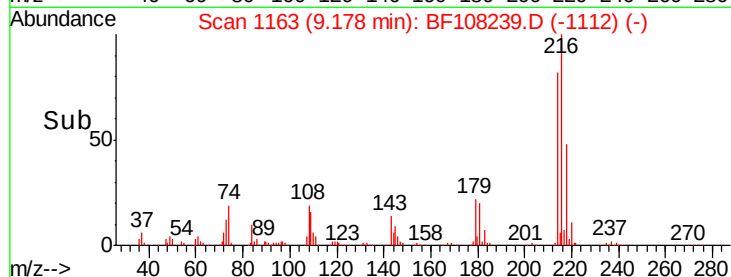


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 72.829 ng

RT: 9.17 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

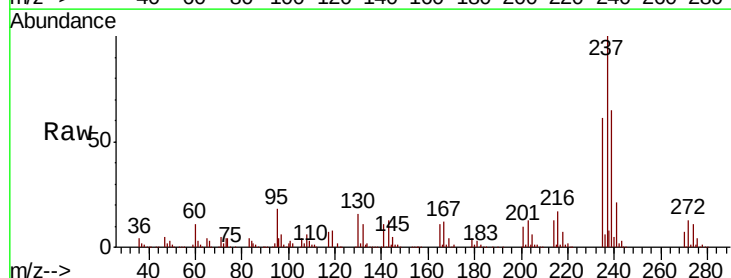
Tgt Ion:237 Resp: 546890

Ion Ratio Lower Upper

237 100

235 61.2 44.8 84.8

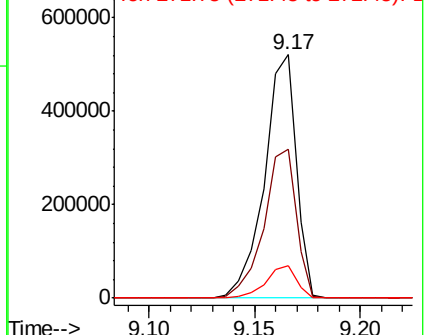
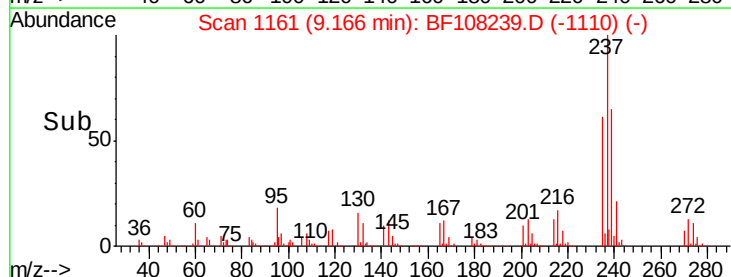
272 13.4 0.0 33.3

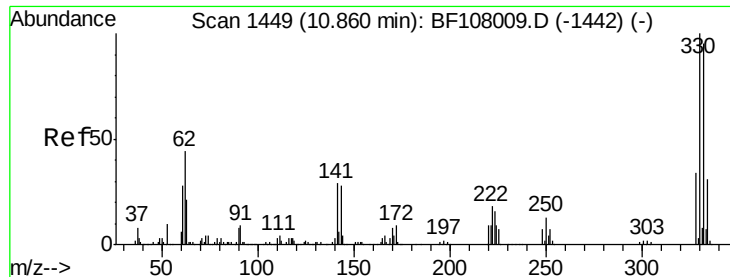


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 157.239 ng

RT: 10.87 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

Instrument :

BNA_F

ClientSampleId :

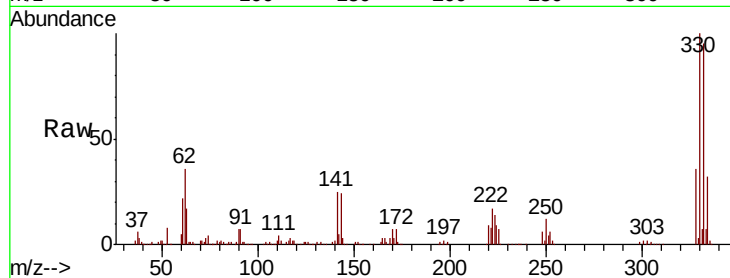
Tot Ion:330 Resp: 593775

Ion Ratio Lower Upper

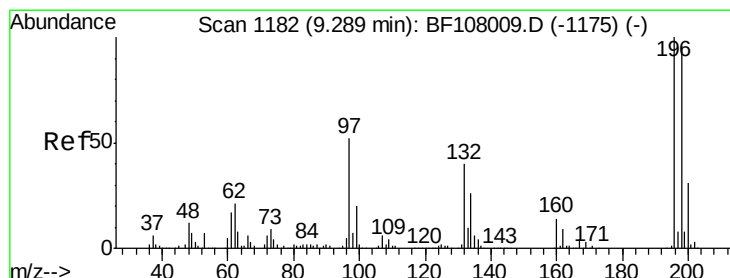
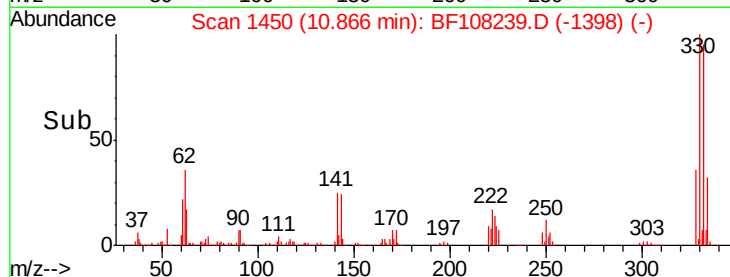
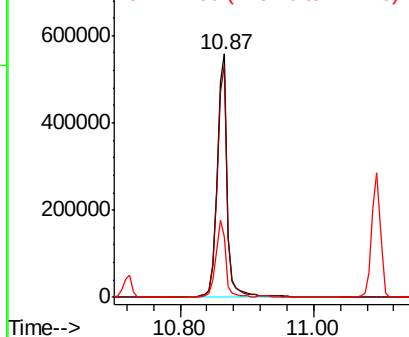
330 100

332 95.5 77.0 115.6

141 31.7 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: 44.245 ng

RT: 9.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

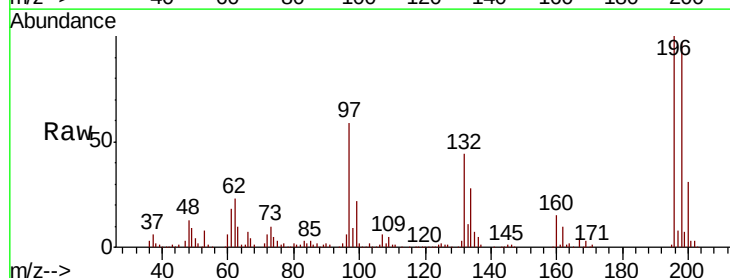
Tgt Ion:196 Resp: 319199

Ion Ratio Lower Upper

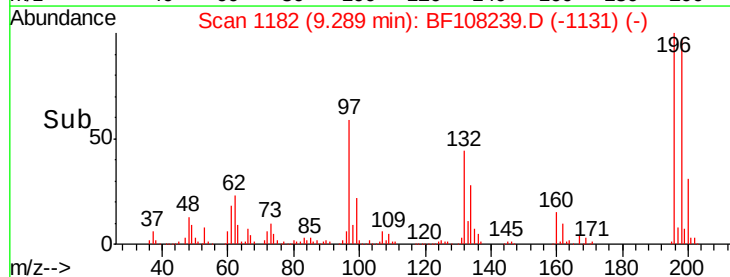
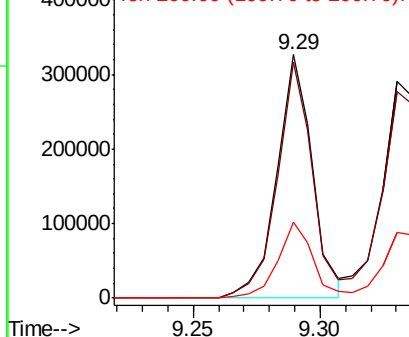
196 100

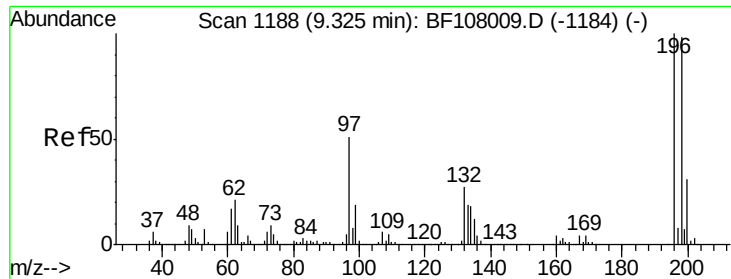
198 96.9 75.7 113.5

200 31.0 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

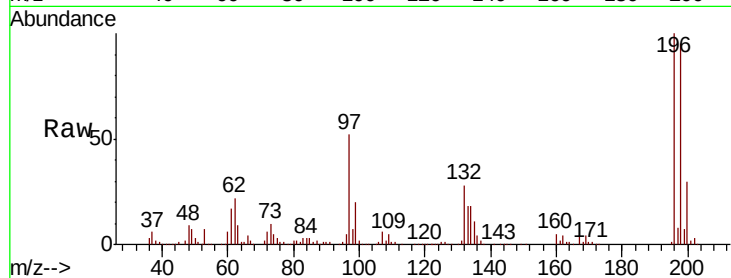




#43
 2,4,5-Trichlorophenol
 Concen: 47.248 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.6	112.0
97	51.7	42.9	64.3
132	27.8	26.3	39.5



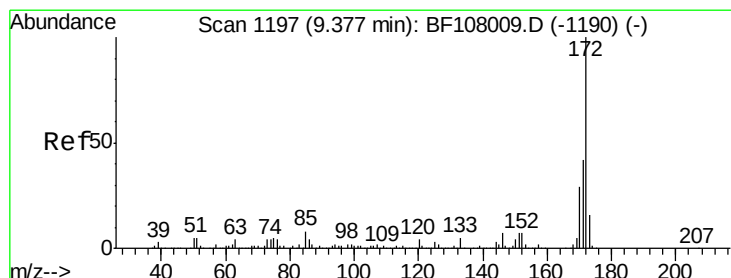
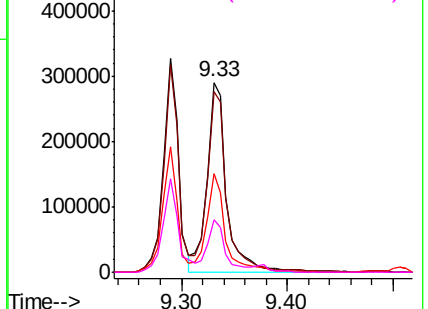
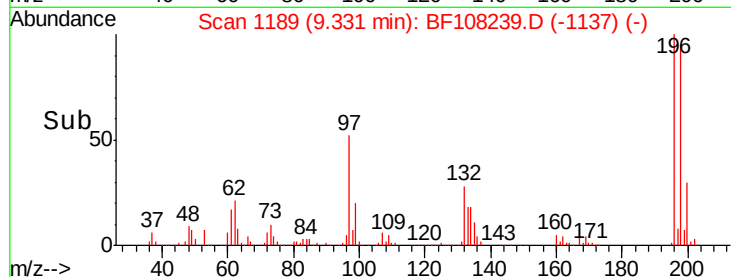
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

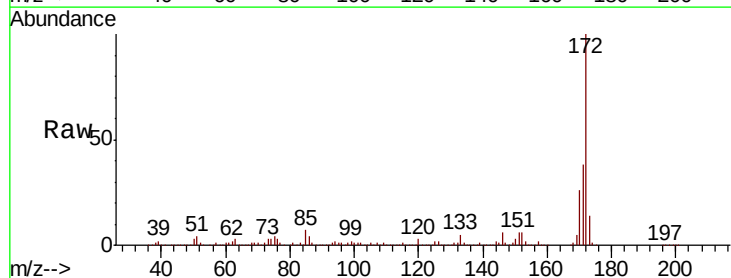
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.351 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	25.7	19.6	29.4

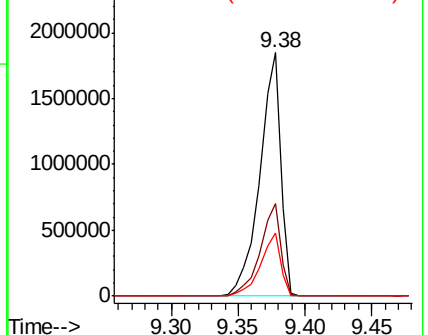
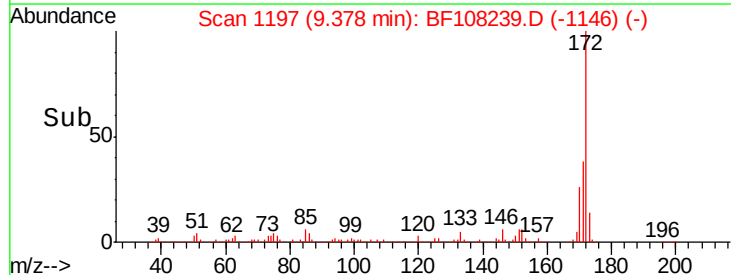


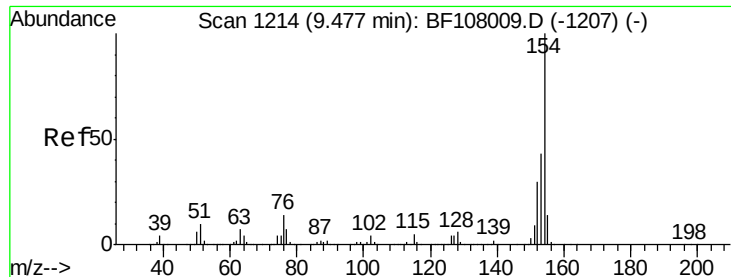
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

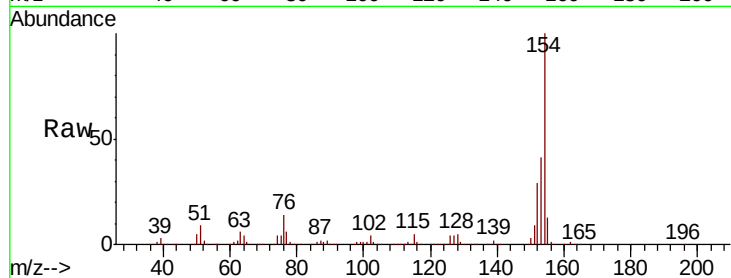




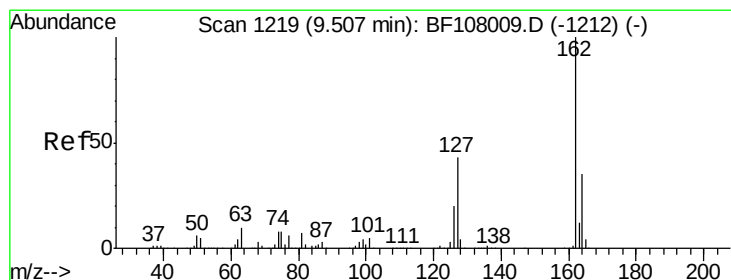
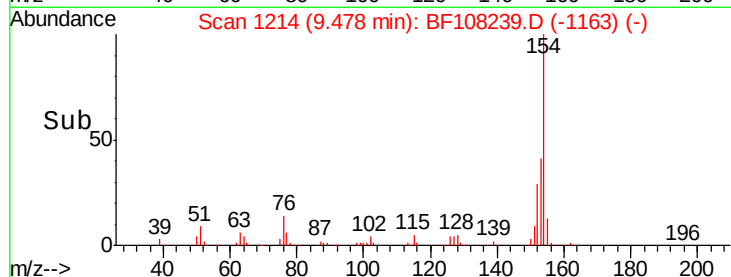
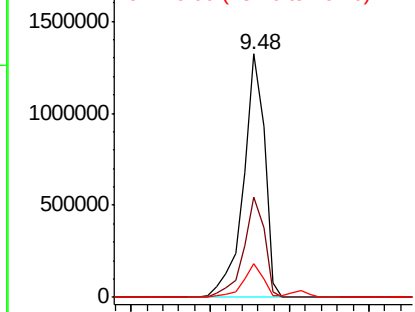
#45
 1,1'-Biphenyl
 Concen: 43.451 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1212833
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.3 61.3
 76 13.7 0.0 34.0

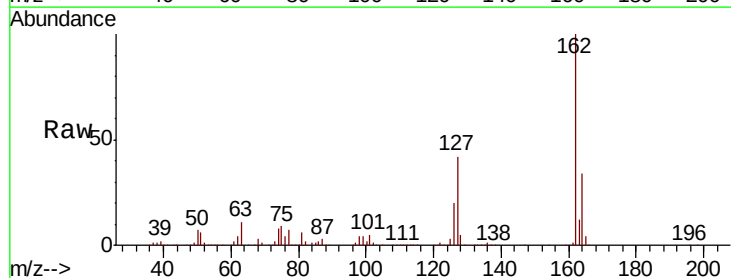


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

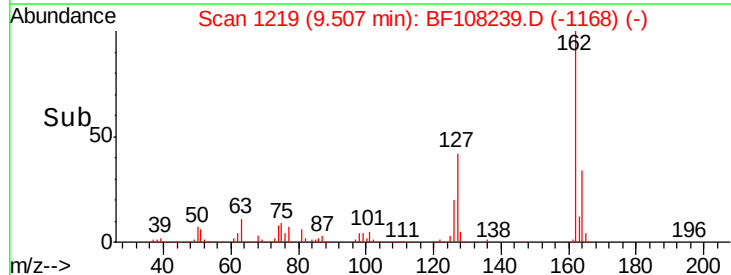
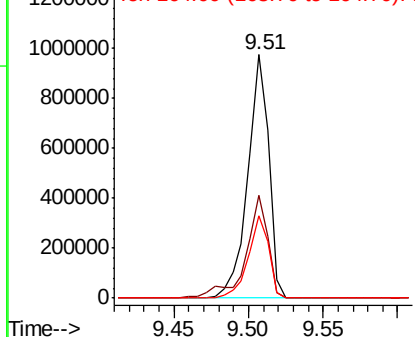


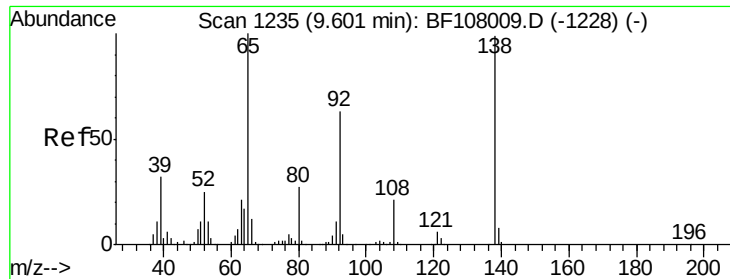
#46
 2-Chloronaphthalene
 Concen: 42.824 ng
 RT: 9.51 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

Tgt Ion:162 Resp: 944761
 Ion Ratio Lower Upper
 162 100
 127 42.1 33.9 50.9
 164 34.0 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

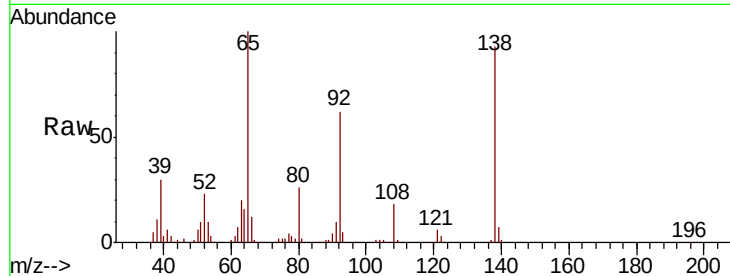




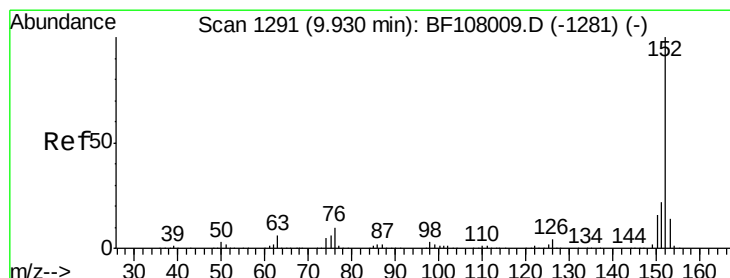
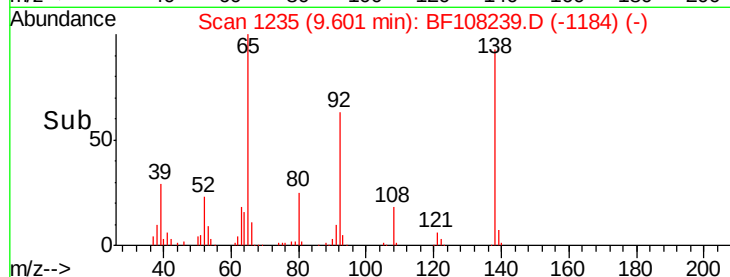
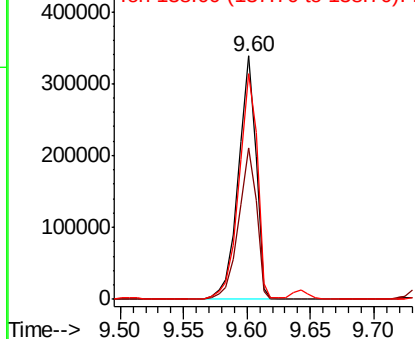
#47
2-Nitroaniline
Concen: 45.106 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 321971
Ion Ratio Lower Upper
65 100
92 62.3 55.8 83.6
138 92.9 91.2 136.8

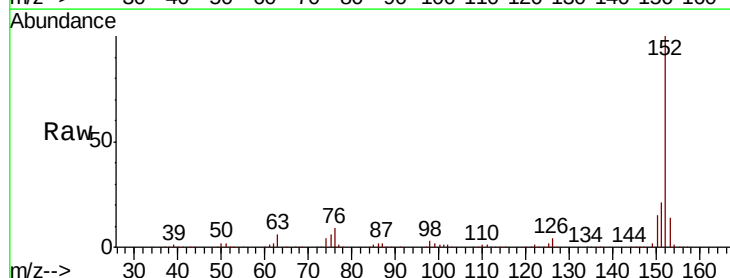


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

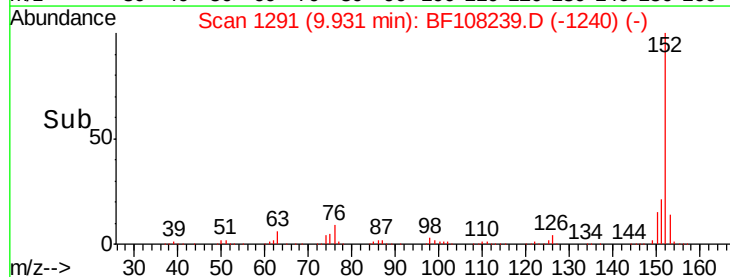
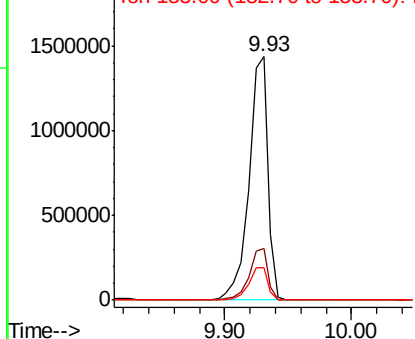


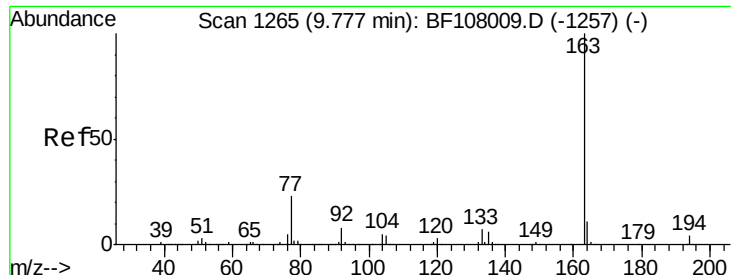
#48
Acenaphthylene
Concen: 42.873 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Tgt Ion: 152 Resp: 1495288
Ion Ratio Lower Upper
152 100
151 21.0 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

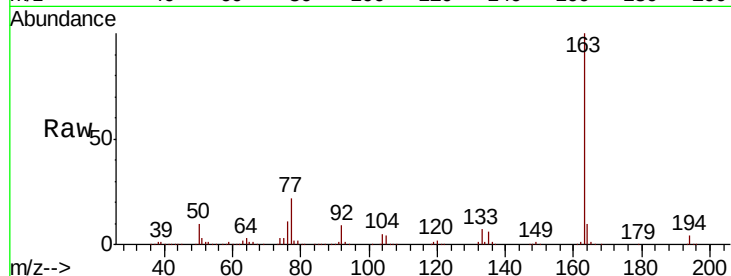




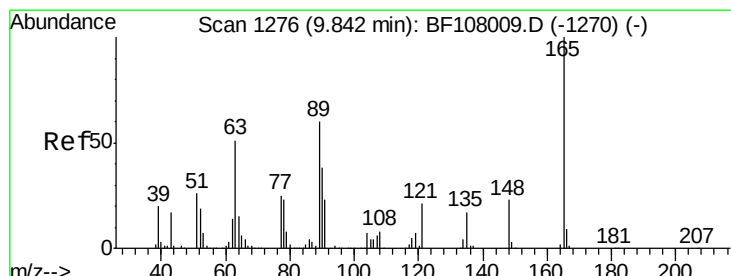
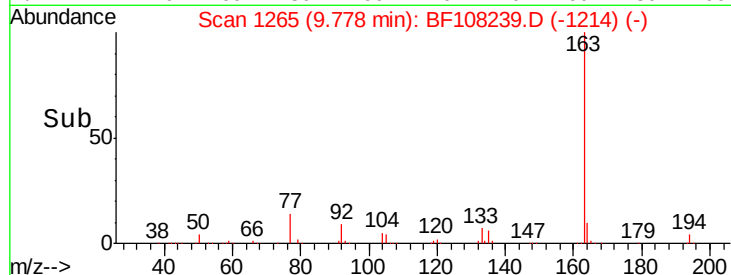
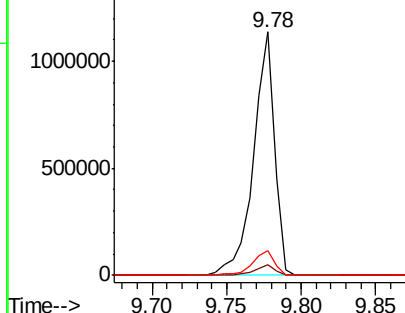
#49
Dimethylphthalate
Concen: 41.806 ng
RT: 9.78 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1102472
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.2 8.2 12.2

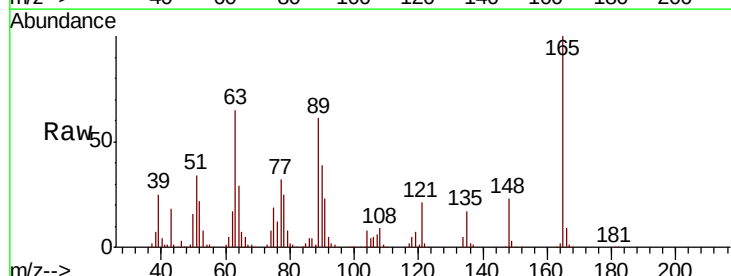


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

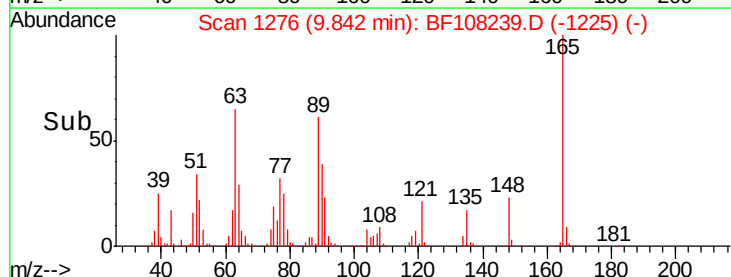
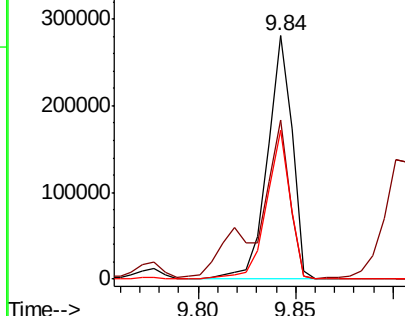


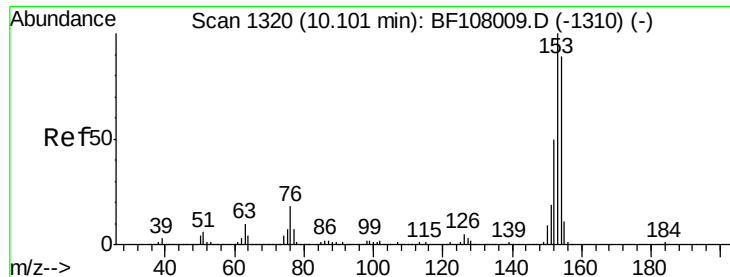
#50
2,6-Dinitrotoluene
Concen: 44.614 ng
RT: 9.84 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Tgt Ion:165 Resp: 246151
Ion Ratio Lower Upper
165 100
63 65.2 44.7 67.1
89 61.2 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: 42.358 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

Instrument :

BNA_F

ClientSampleId :

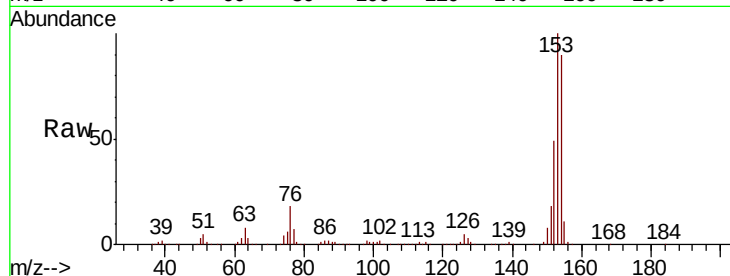
Tot Ion:154 Resp: 904851

Ion Ratio Lower Upper

154 100

153 110.8 91.2 136.8

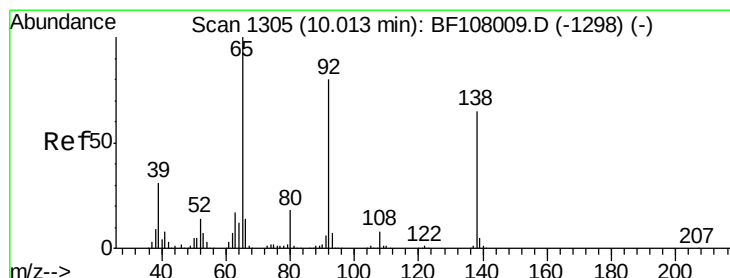
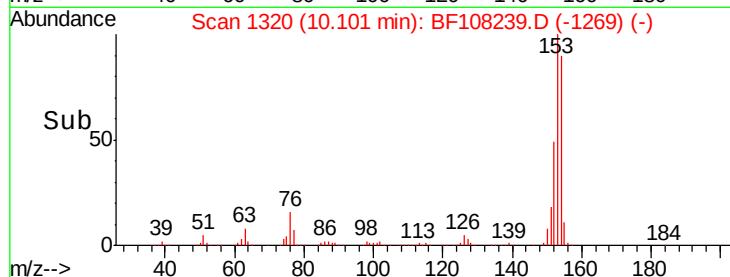
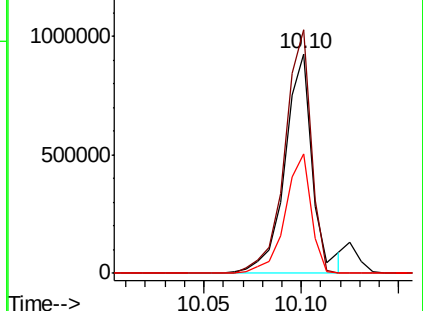
152 54.1 43.8 65.8



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: 32.047 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

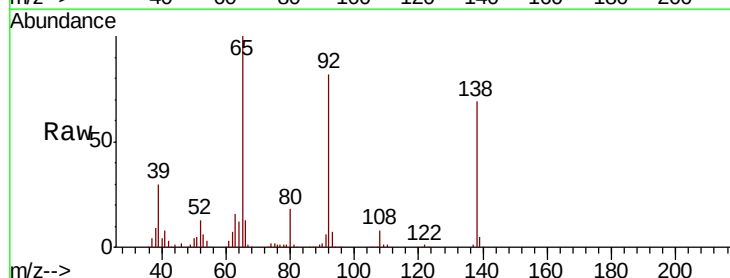
Tgt Ion:138 Resp: 193461

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

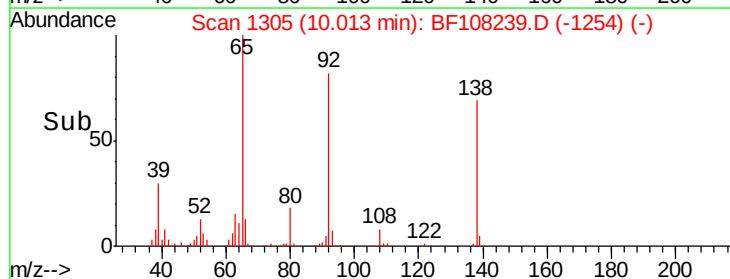
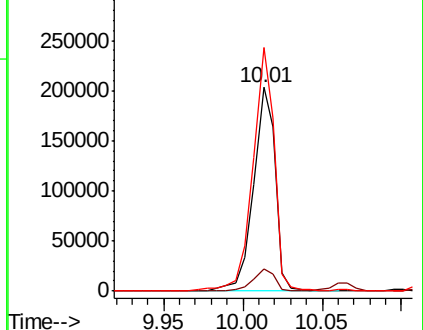
92 119.6 89.4 134.2

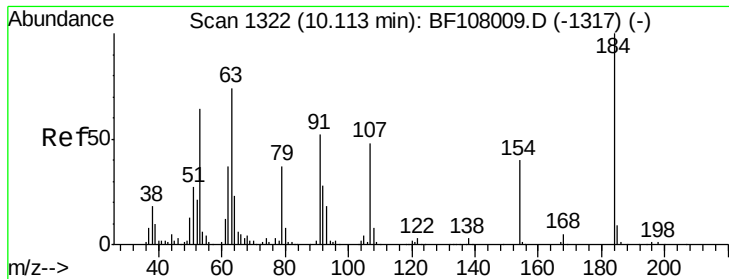


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

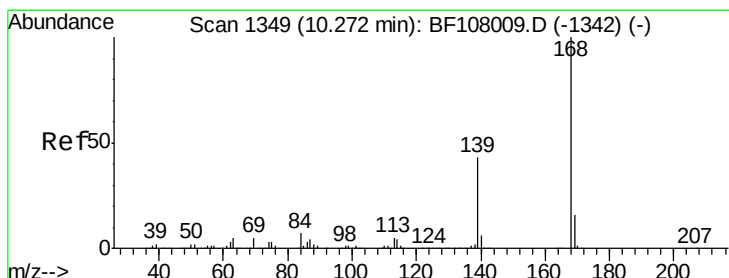
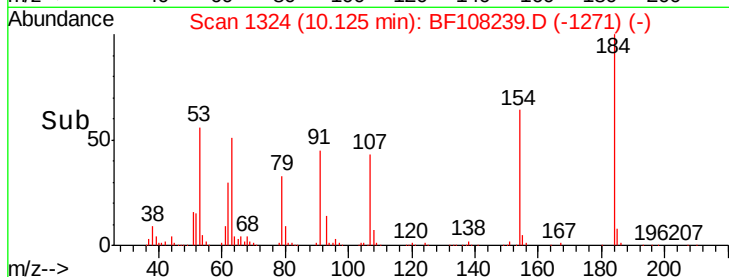
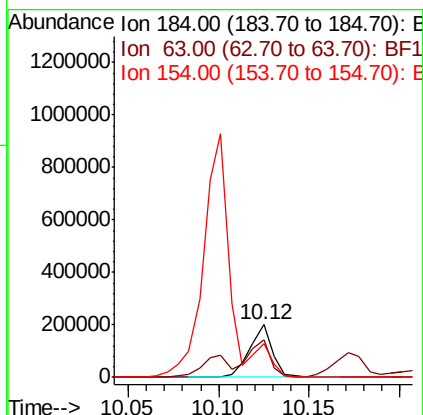
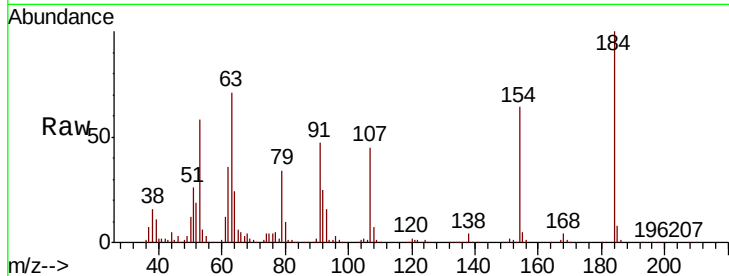




#53
2,4-Dinitrophenol
Concen: 85.014 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

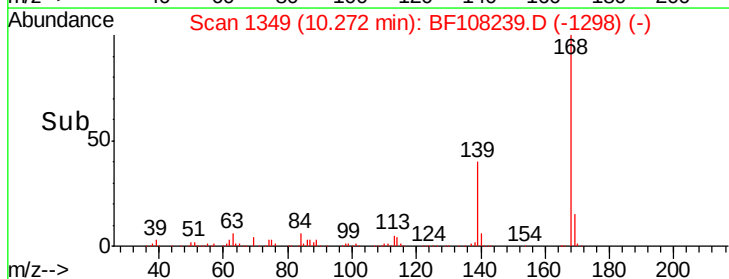
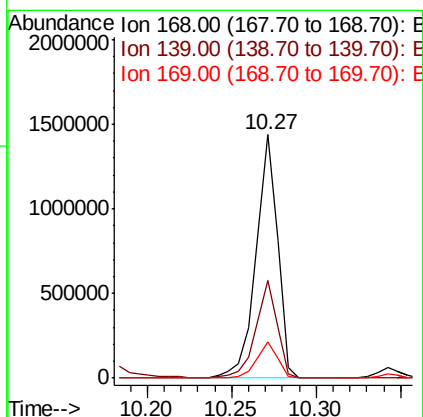
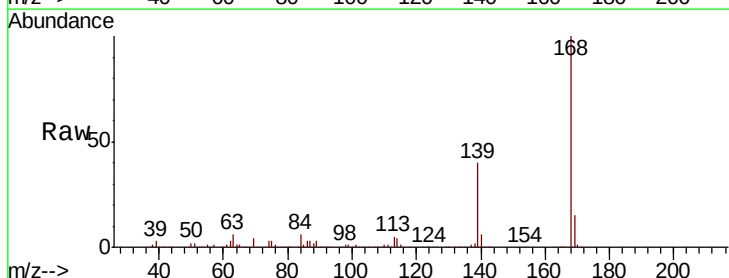
Instrument :
BNA_F
ClientSampleId :

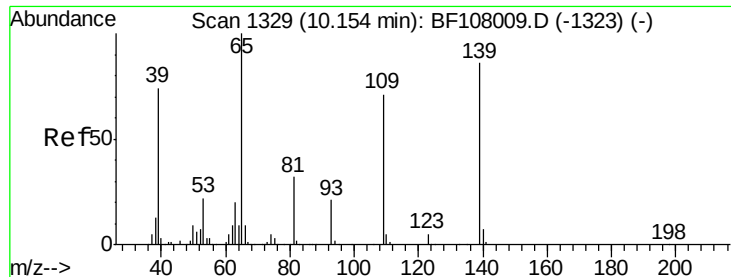
Tot Ion:184 Resp: 176537
Ion Ratio Lower Upper
184 100
63 71.1 54.2 81.2
154 64.4 184.0 276.0#



#54
Dibenzofuran
Concen: 41.992 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Tgt Ion:168 Resp: 1299613
Ion Ratio Lower Upper
168 100
139 40.1 30.1 45.1
169 14.8 10.9 16.3

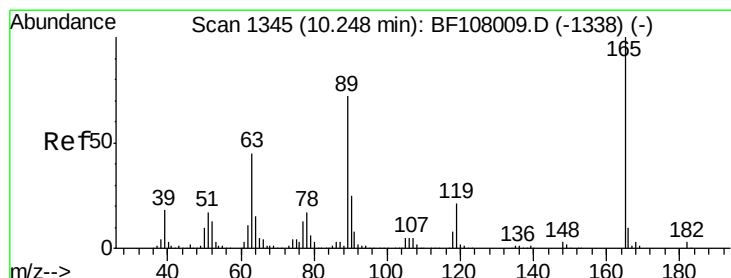
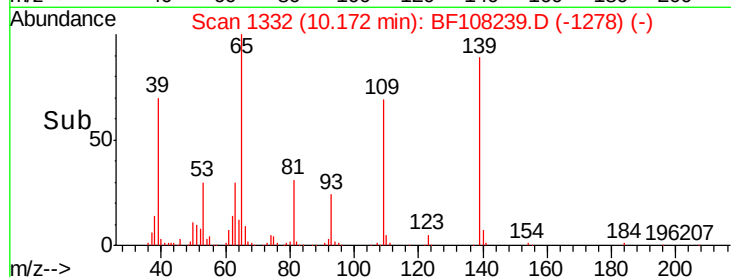
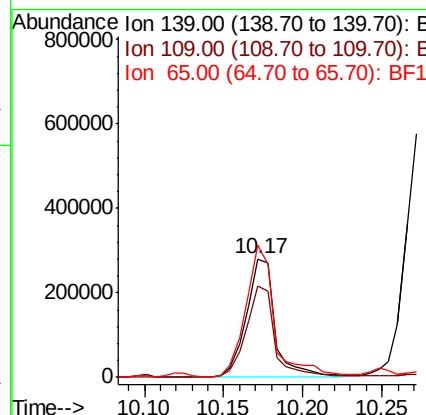
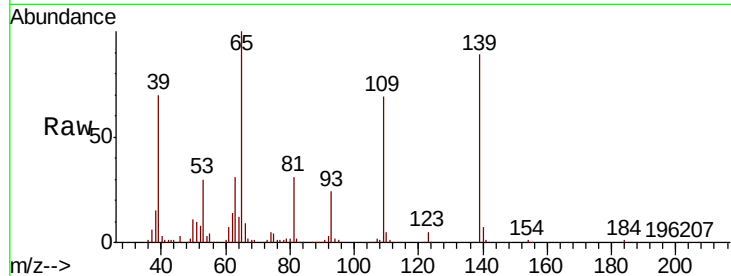




#55
4-Nitrophenol
Concen: 76.934 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

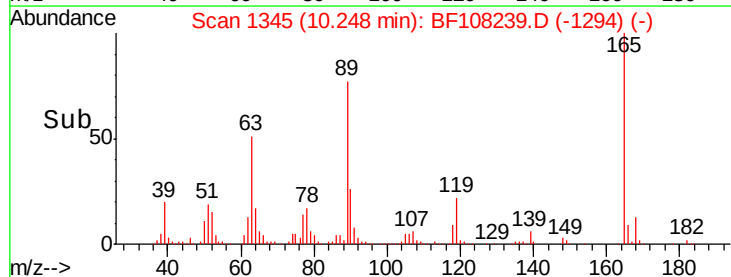
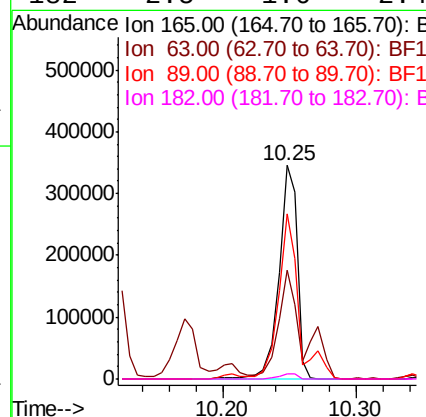
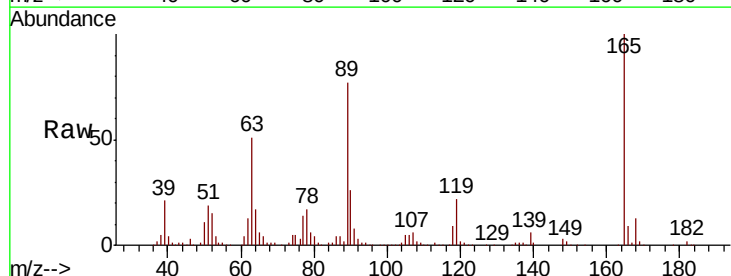
Instrument :
BNA_F
ClientSampleId :

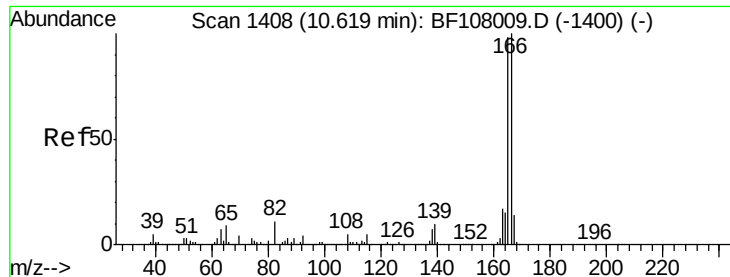
Tot Ion	Ratio	Lower	Upper
139	100		
109	77.0	48.4	88.4
65	112.0	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 46.792 ng
RT: 10.25 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.1	36.4	54.6
89	77.1	57.8	86.6
182	2.5	1.6	2.4#

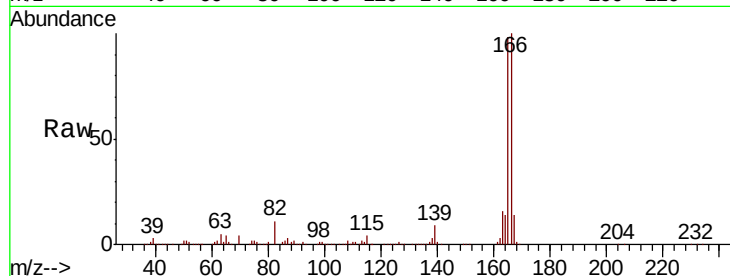




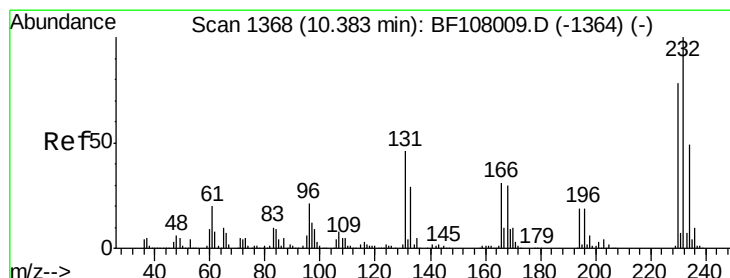
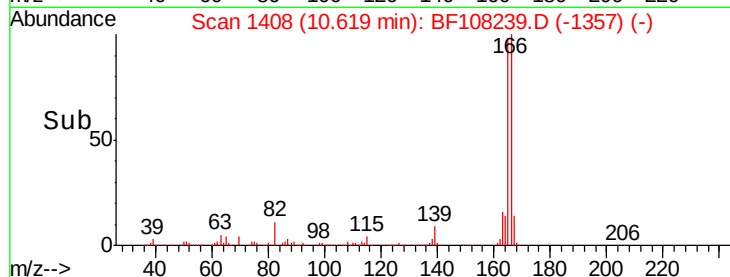
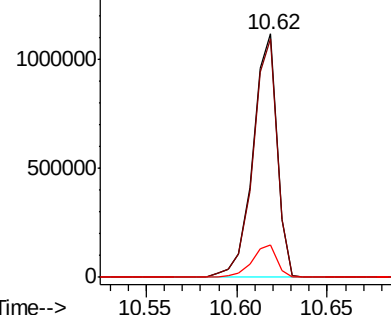
#57
 Fluorene
 Concen: 42.316 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 1036736
 Ion Ratio Lower Upper
 166 100
 165 97.9 79.8 119.8
 167 13.5 10.6 16.0

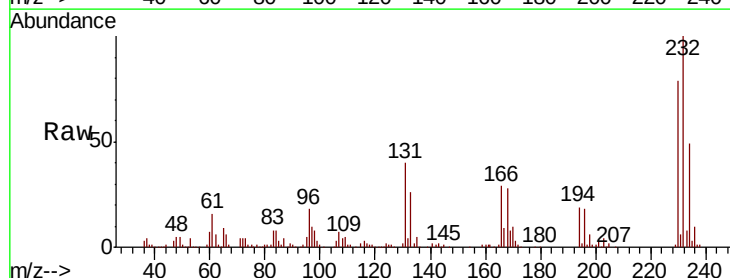


Abundance Ion 166.00 (165.70 to 166.70): E
 1500000 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

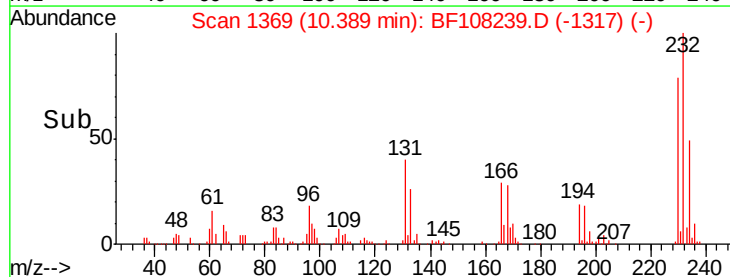
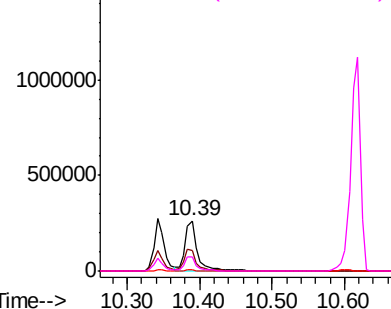


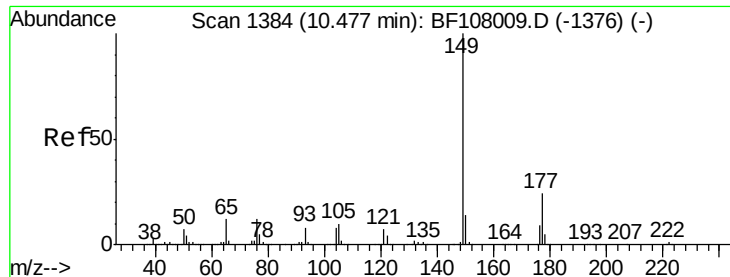
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.252 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

Tgt Ion:232 Resp: 313656
 Ion Ratio Lower Upper
 232 100
 131 42.2 43.8 65.8#
 130 2.1 2.1 3.1
 166 27.3 27.8 41.6#



Abundance Ion 232.00 (231.70 to 232.70): E
 1500000 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

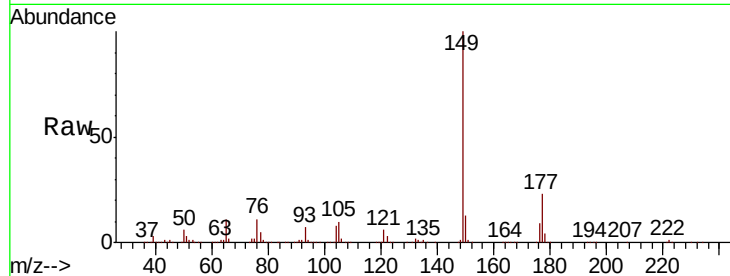




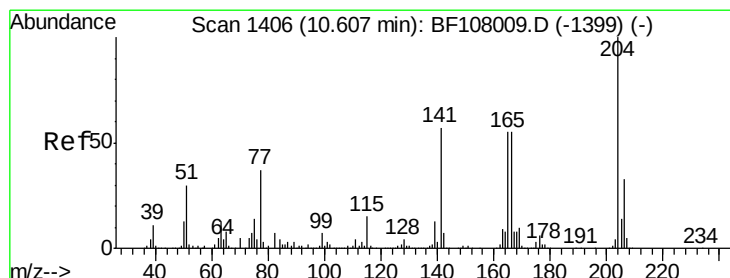
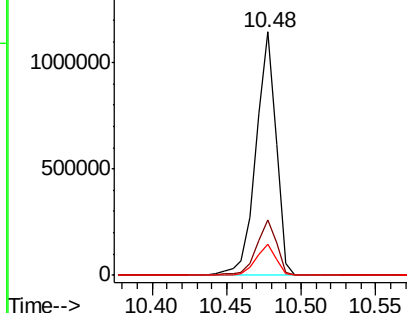
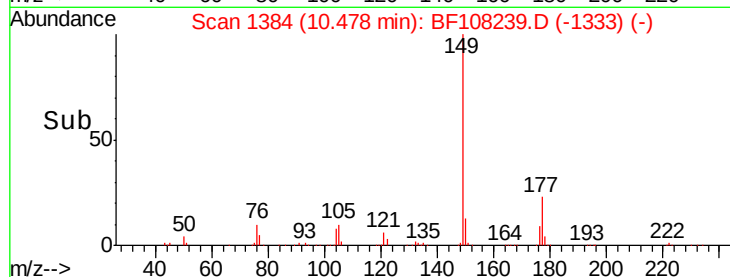
#59
Diethylphthalate
Concen: 41.296 ng
RT: 10.48 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1054544
Ion Ratio Lower Upper
149 100
177 22.9 16.1 24.1
150 12.9 10.1 15.1

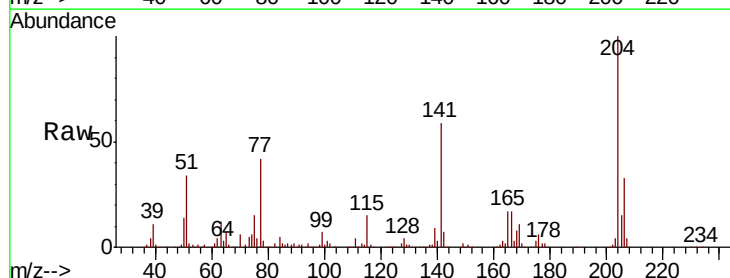


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

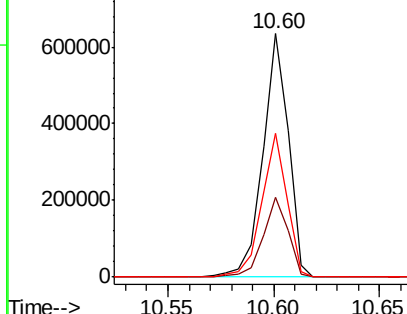
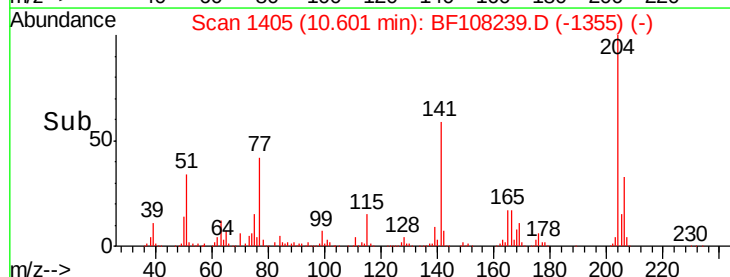


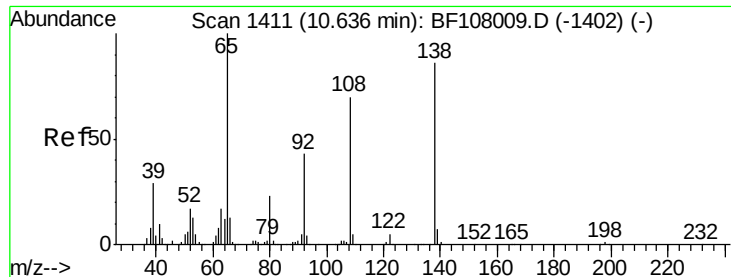
#60
4-Chlorophenyl-phenylether
Concen: 41.697 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Tgt Ion:204 Resp: 532307
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 59.3 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

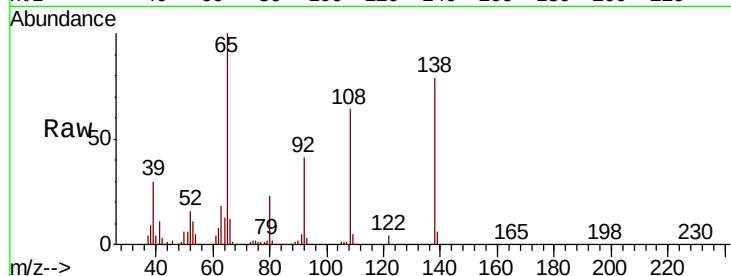




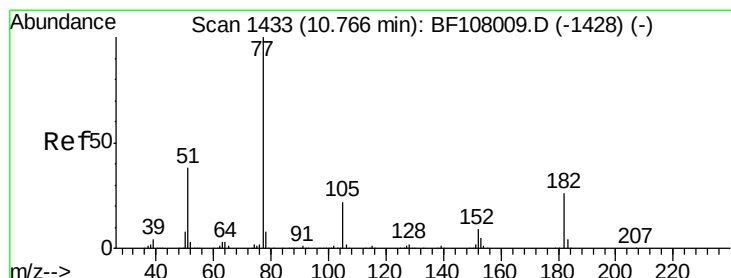
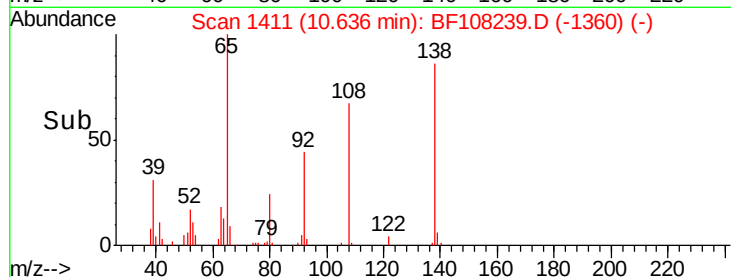
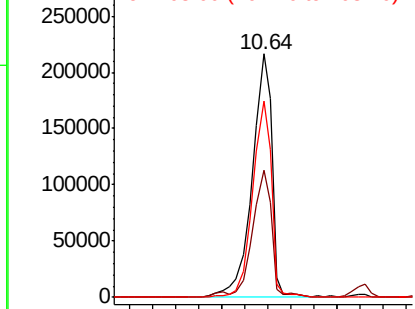
#61
4-Nitroaniline
Concen: 43.413 ng
RT: 10.64 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 259102
Ion Ratio Lower Upper
138 100
92 52.1 30.2 70.2
108 80.7 52.5 92.5

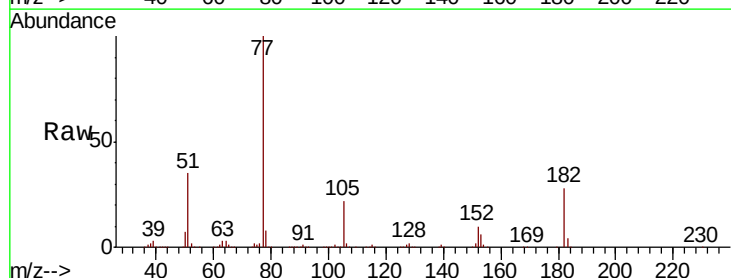


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

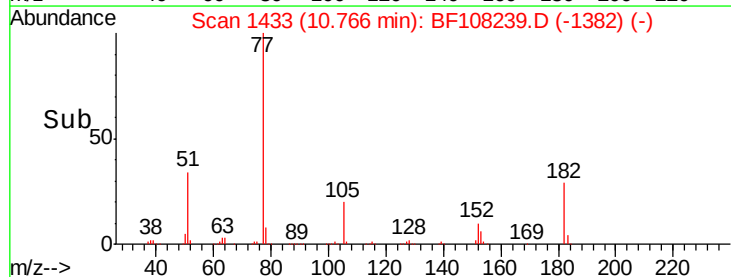
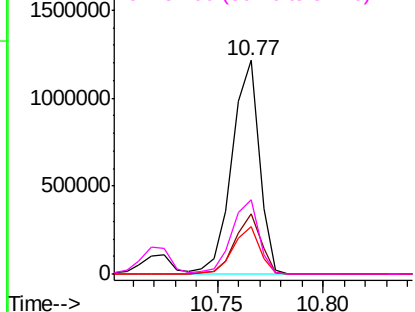


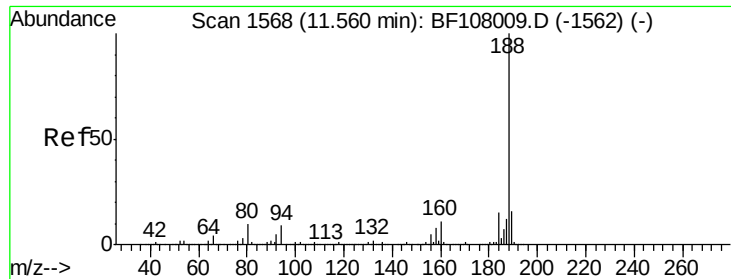
#62
Azobenzene
Concen: 40.902 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Tgt Ion: 77 Resp: 1078677
Ion Ratio Lower Upper
77 100
182 28.3 1.7 41.7
105 22.1 3.0 43.0
51 34.5 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.56 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

Instrument :

BNA_F

ClientSampled :

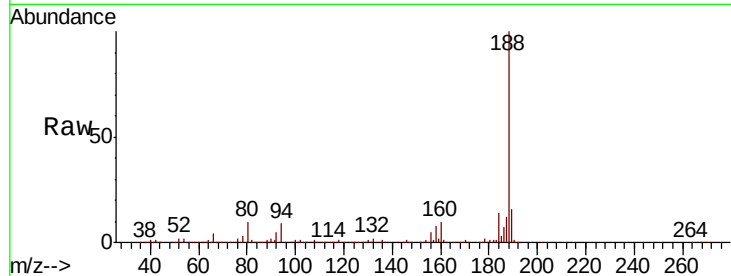
Tot Ion:188 Resp: 735964

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

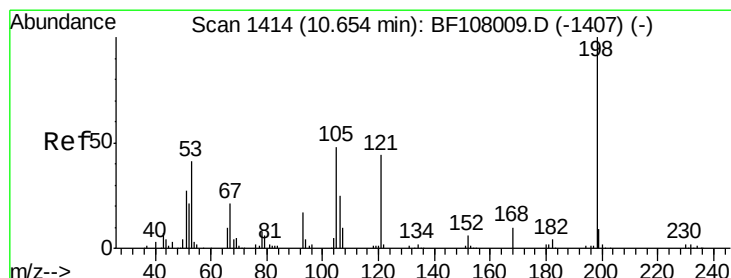
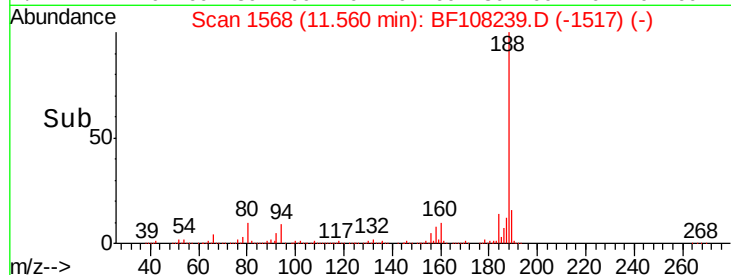
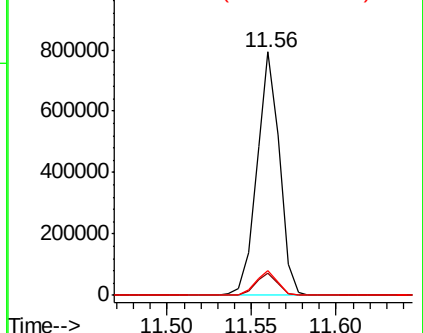
80 10.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 44.273 ng

RT: 10.66 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

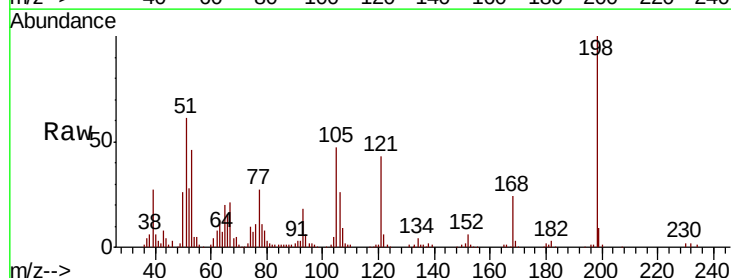
Tgt Ion:198 Resp: 121035

Ion Ratio Lower Upper

198 100

51 60.7 37.7 77.7

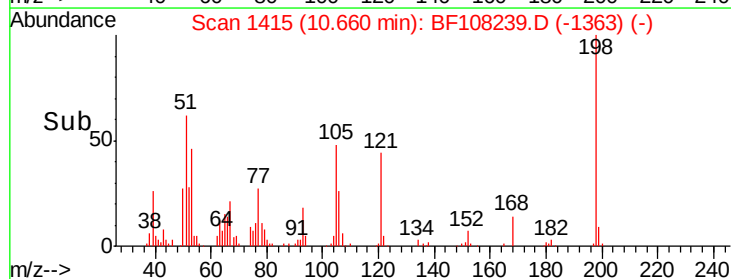
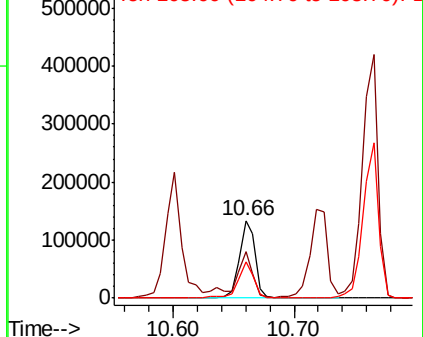
105 47.2 36.3 76.3

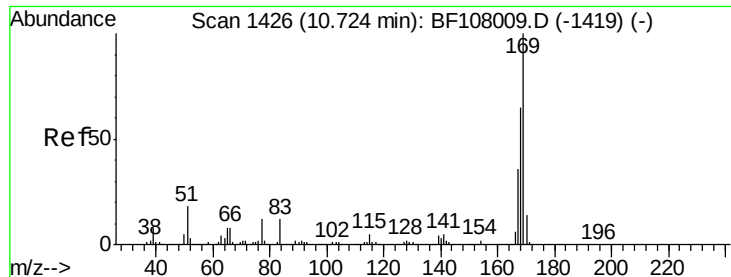


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

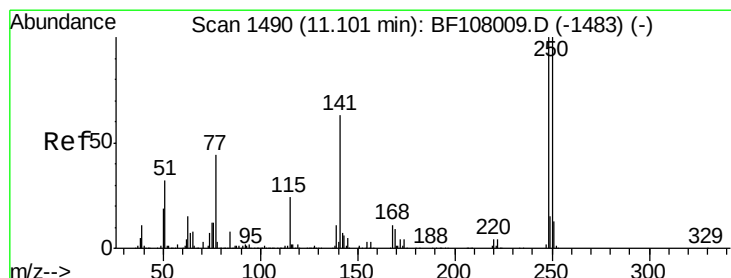
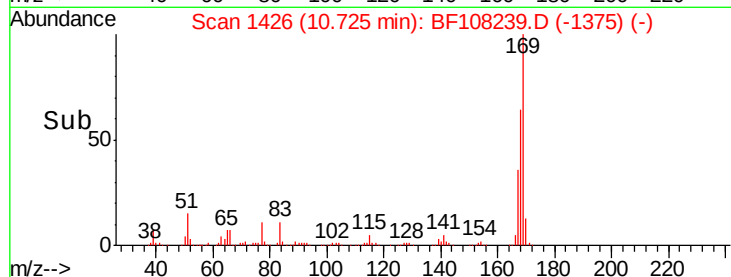
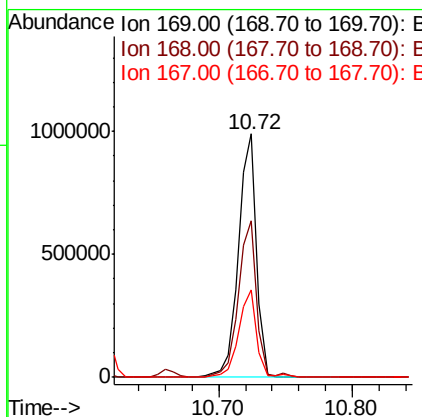
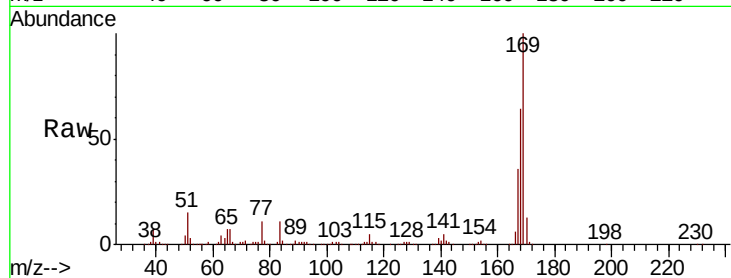




#65
n-Nitrosodiphenylamine
Concen: 42.789 ng
RT: 10.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

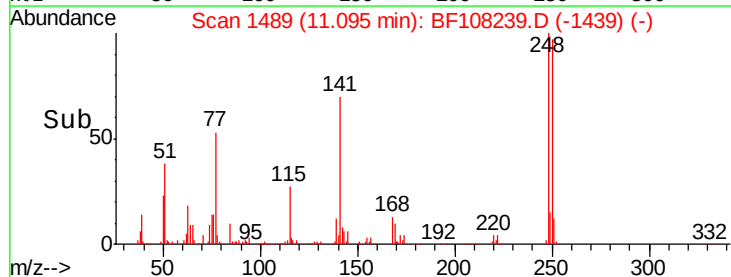
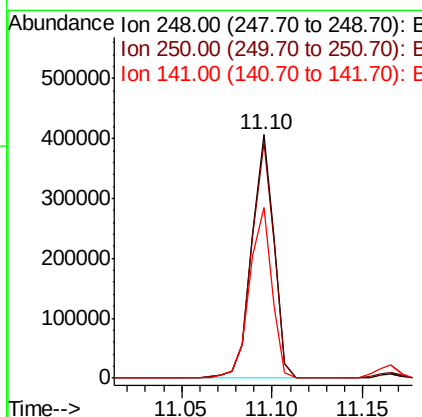
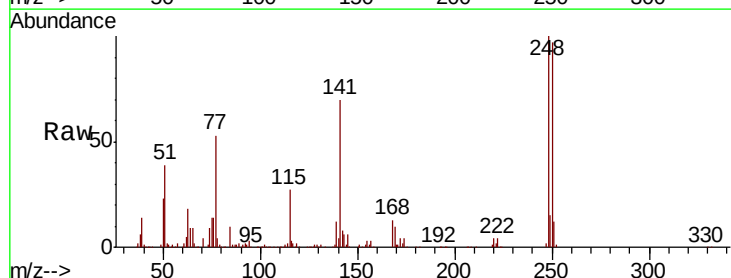
Instrument :
BNA_F
ClientSampled :

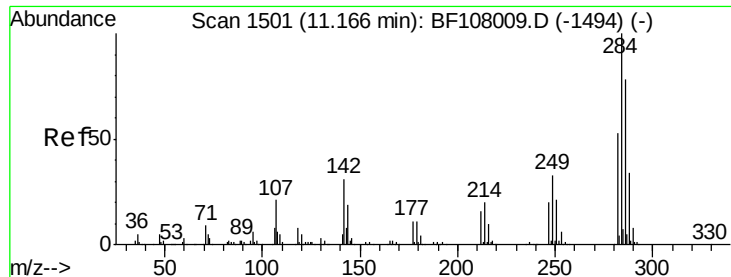
Tot Ion	Ratio	Lower	Upper
169	100		
168	64.5	54.4	81.6
167	36.0	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 43.289 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.9	115.3
141	69.9	74.4	111.6





#67

Hexachlorobenzene

Concen: 42.379 ng

RT: 11.17 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

Instrument :

BNA_F

ClientSampleId :

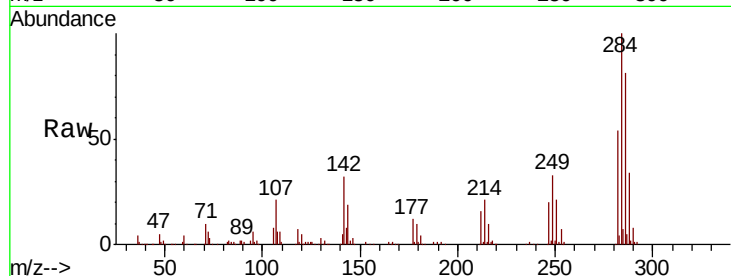
Tot Ion:284 Resp: 356624

Ion Ratio Lower Upper

284 100

142 31.7 34.6 52.0#

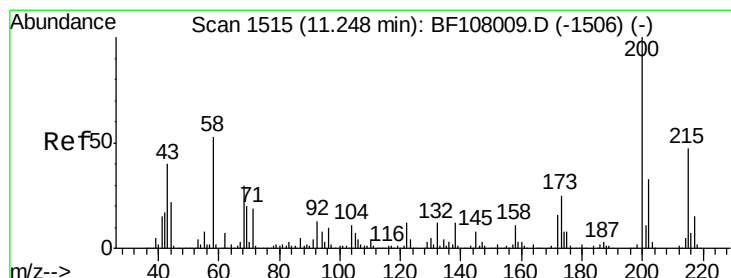
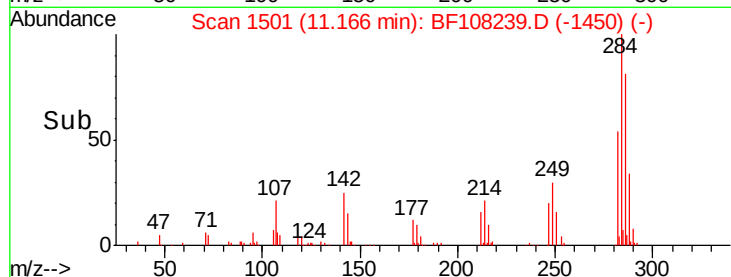
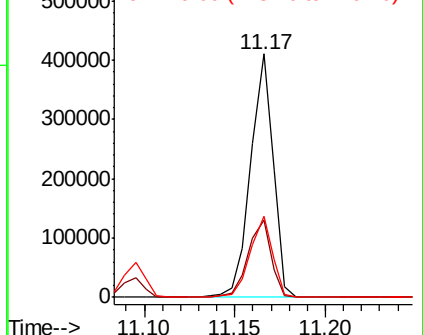
249 33.1 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.296 ng

RT: 11.25 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

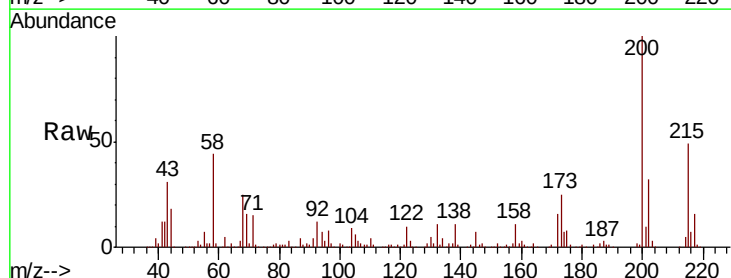
Tgt Ion:200 Resp: 315824

Ion Ratio Lower Upper

200 100

173 25.2 8.6 48.6

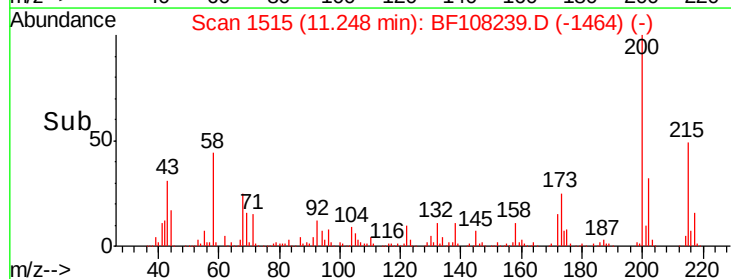
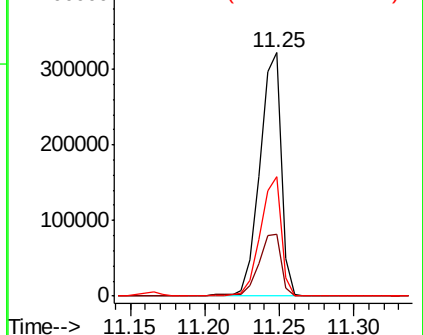
215 48.8 25.1 65.1

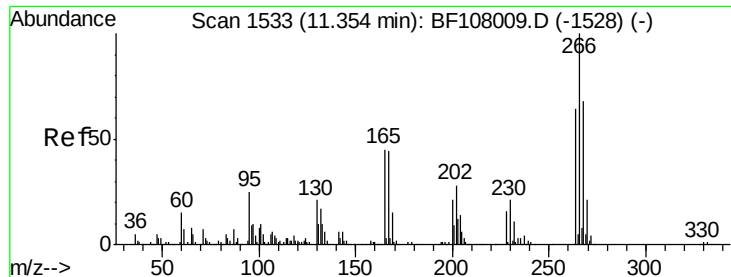


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

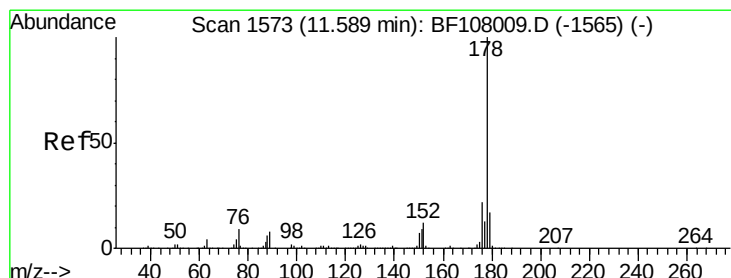
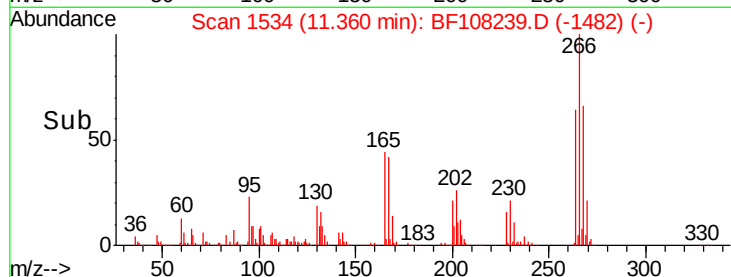
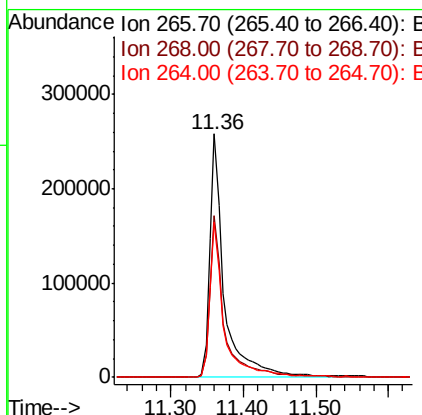
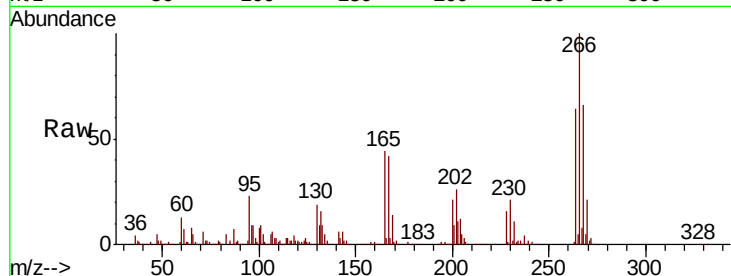




#69
 Pentachlorophenol
 Concen: 88.920 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

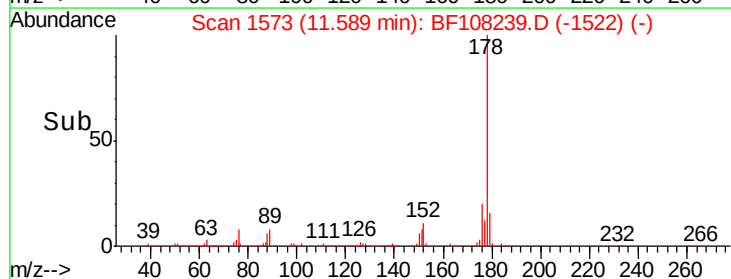
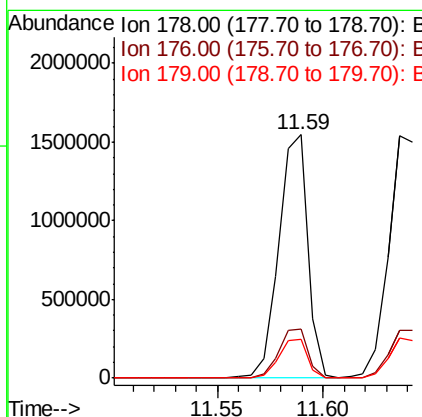
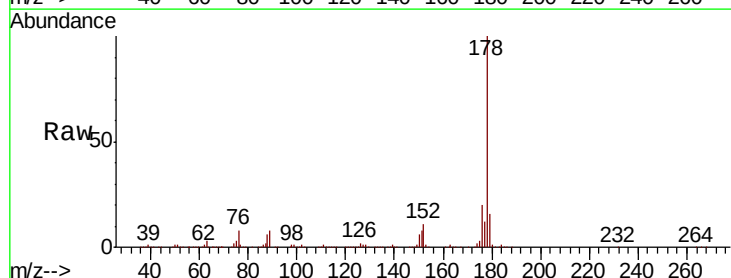
Instrument :
 BNA_F
 ClientSampleId :

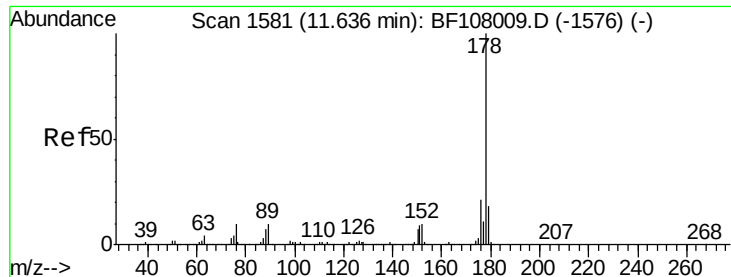
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.3	51.1	76.7
264	63.7	49.5	74.3



#70
 Phenanthrene
 Concen: 42.892 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	16.1	13.0	19.6

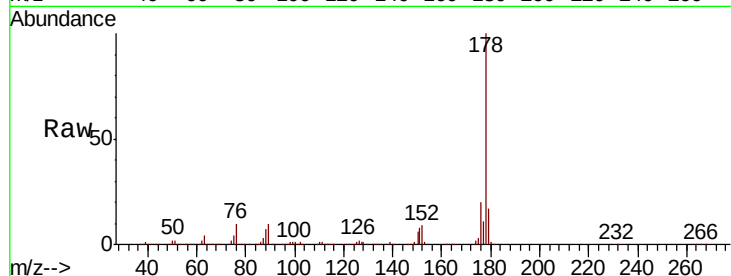




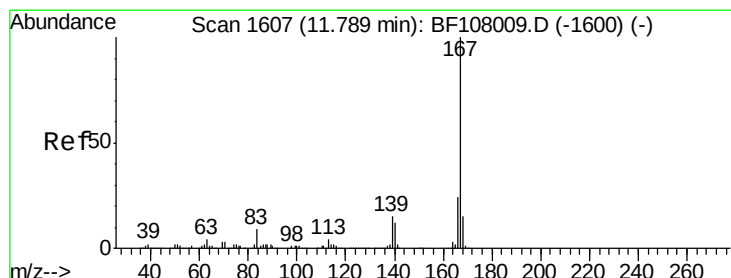
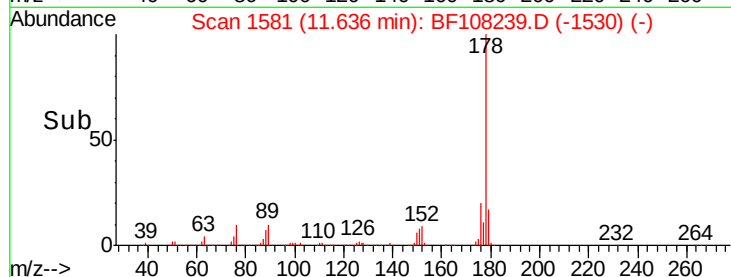
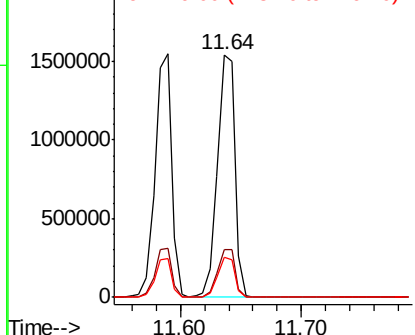
#71
 Anthracene
 Concen: 42.790 ng
 RT: 11.64 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1522374
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 16.7 12.6 19.0

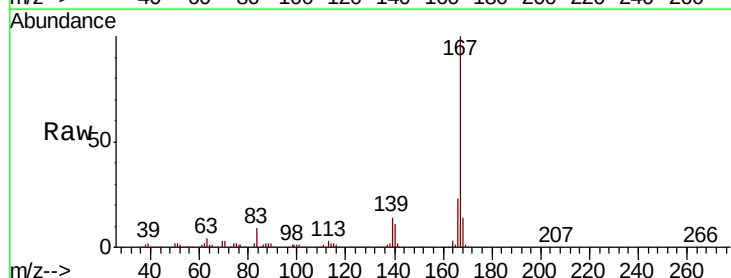


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

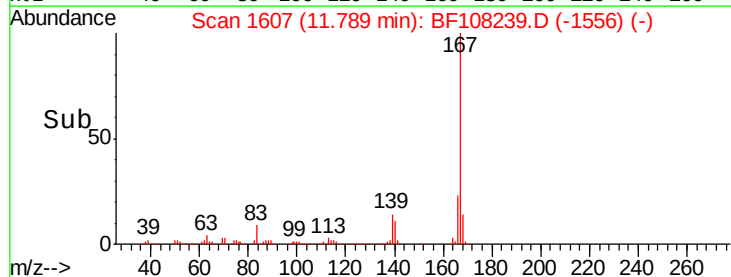
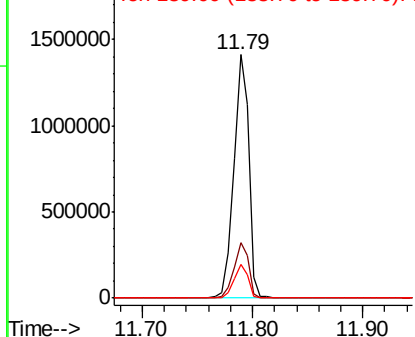


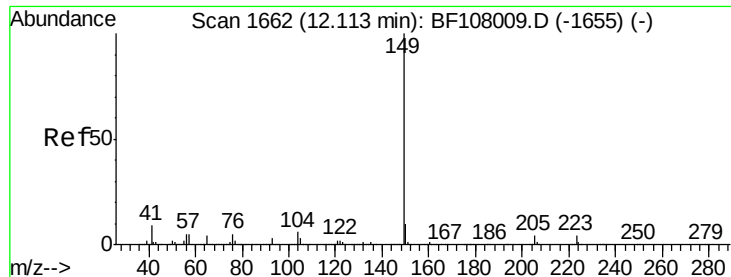
#72
 Carbazole
 Concen: 42.685 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

Tgt Ion:167 Resp: 1349287
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.6 26.4
 139 13.7 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: 44.513 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

Instrument :

BNA_F

ClientSampleId :

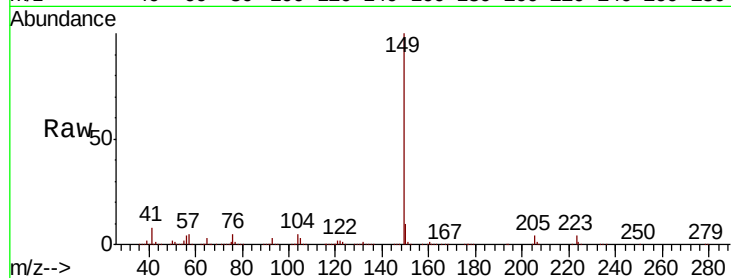
Tot Ion:149 Resp: 1593780

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

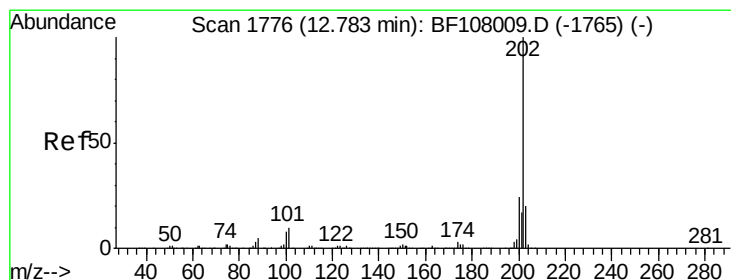
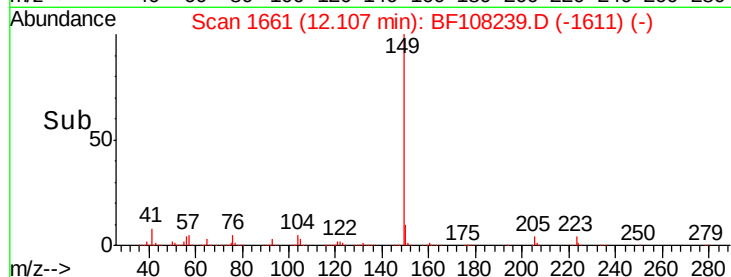
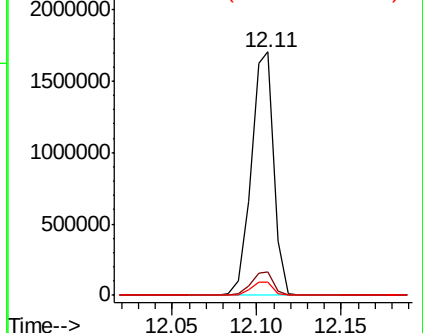
104 5.2 3.8 5.8



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: 43.413 ng

RT: 12.78 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

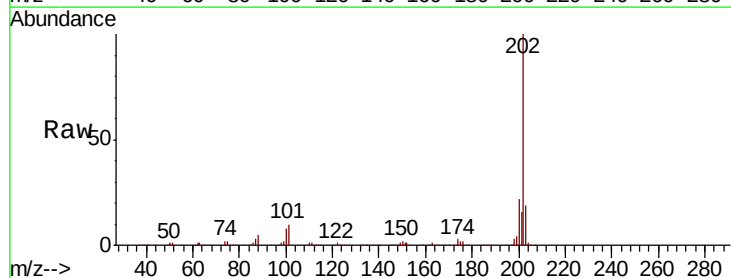
Tgt Ion:202 Resp: 1644673

Ion Ratio Lower Upper

202 100

101 9.9 0.0 34.1

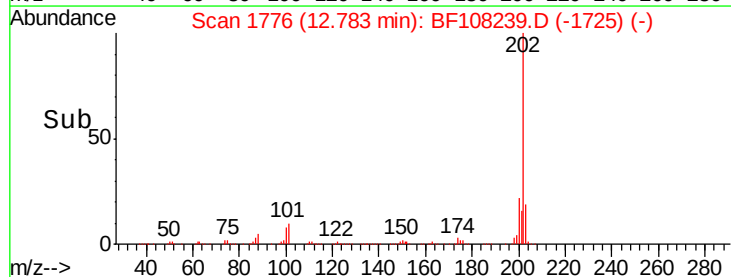
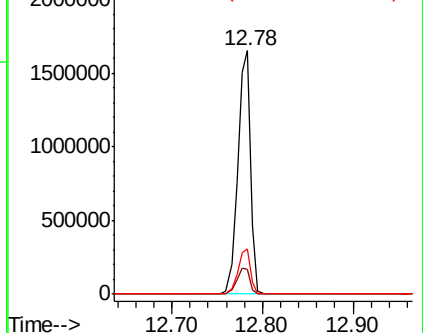
203 18.6 0.0 38.1

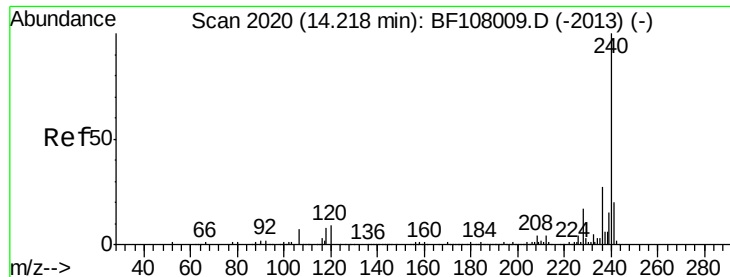


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

Instrument :

BNA_F

ClientSampled :

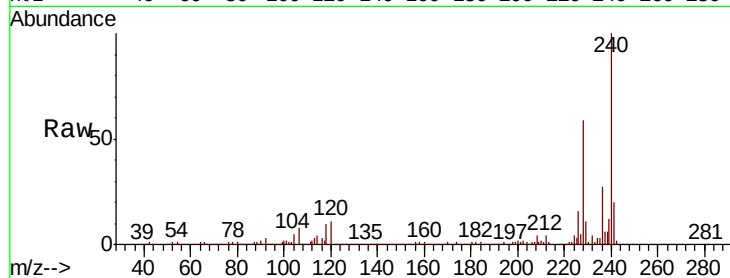
Tot Ion:240 Resp: 598312

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

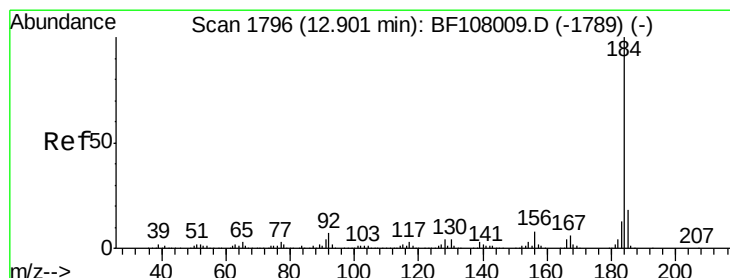
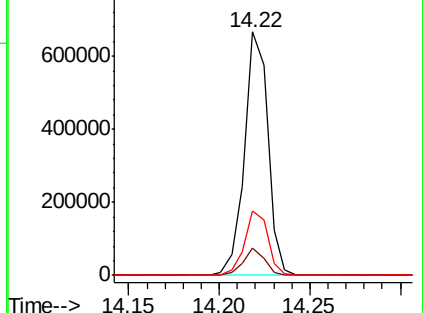
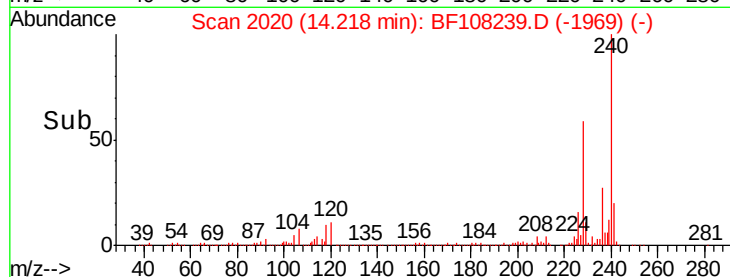
236 26.5 20.7 31.1



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: 30.489 ng

RT: 12.90 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

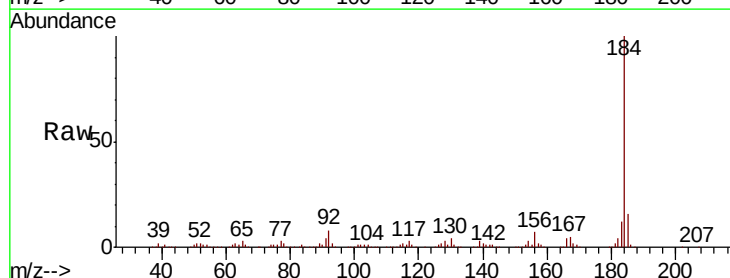
Tgt Ion:184 Resp: 681569

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

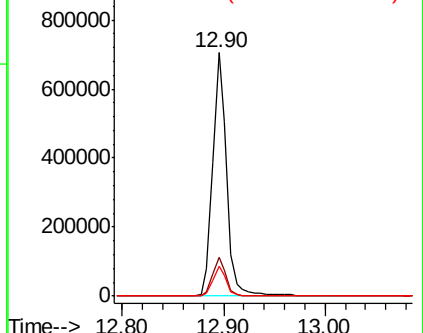
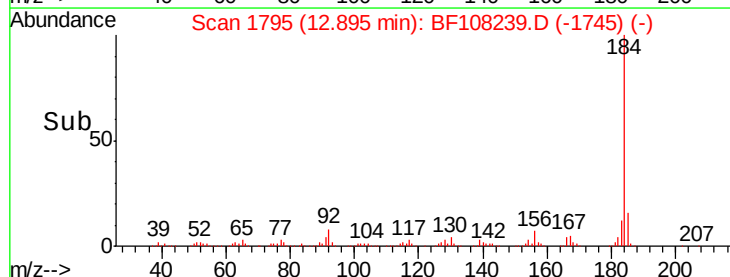
183 12.4 9.3 13.9

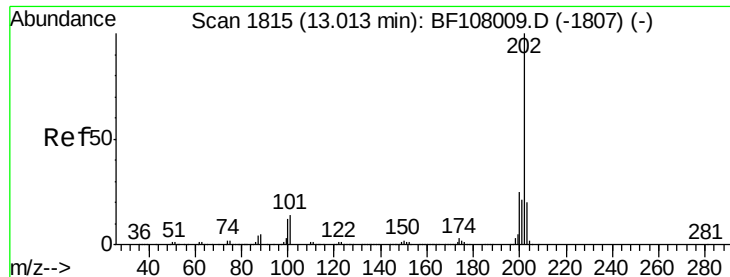


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



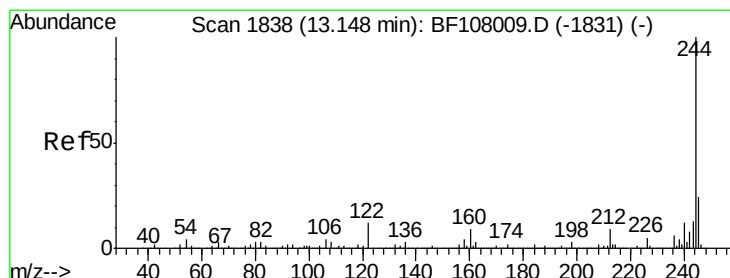
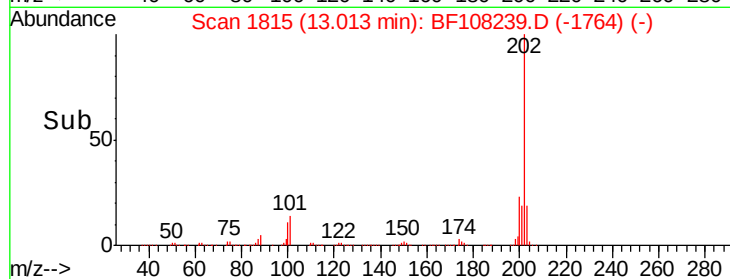
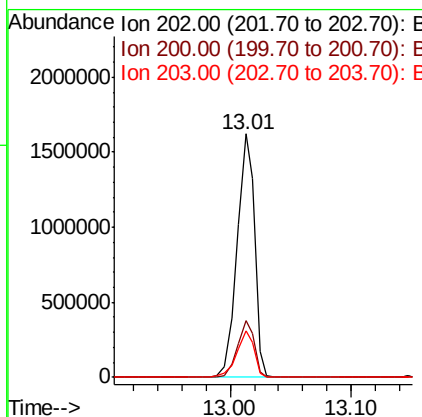
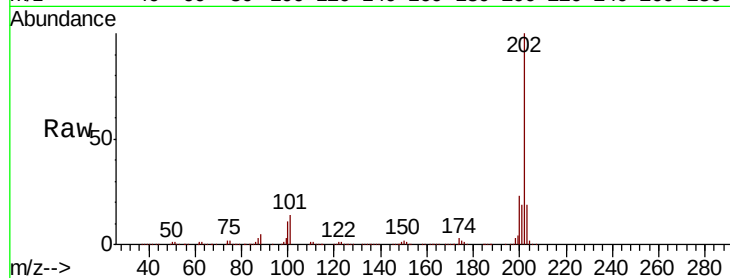


#77
 Pvrene
 Concen: 43.244 ng
 RT: 13.01 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1638041

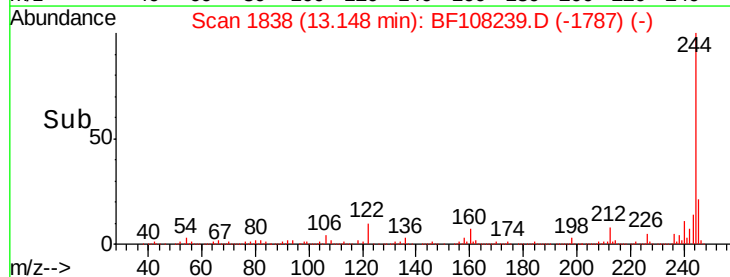
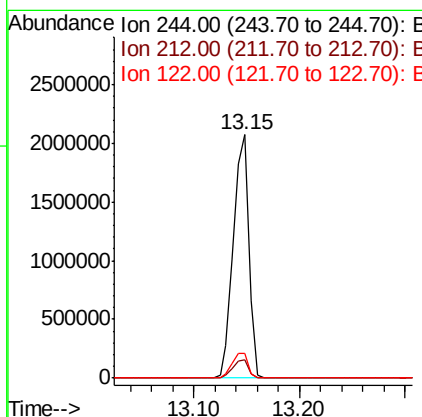
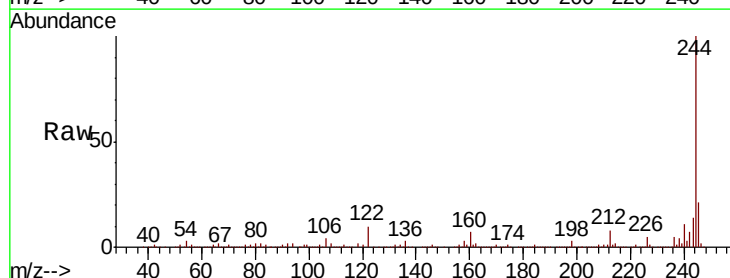
Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.4	26.2
203	18.9	14.3	21.5

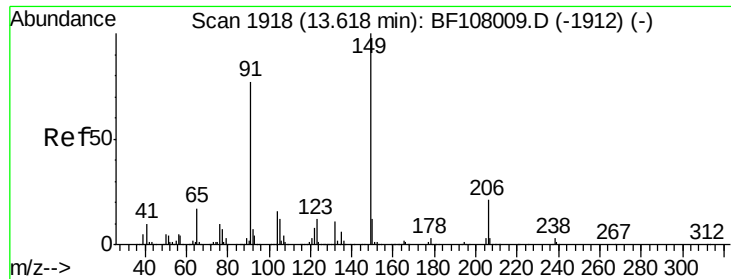


#78
 Terphenyl-d14
 Concen: 88.530 ng
 RT: 13.15 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

Tgt Ion:244 Resp: 2083279

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	10.1	11.0	16.4#

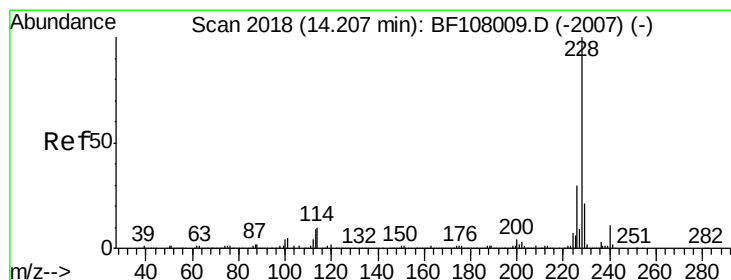
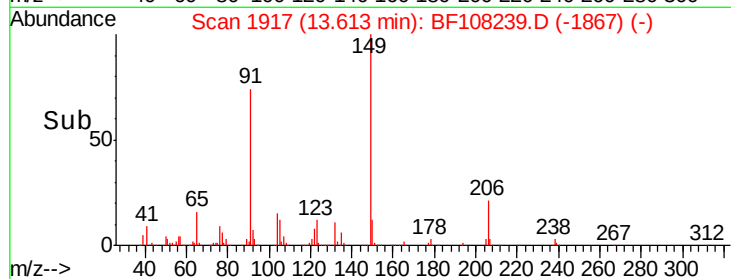
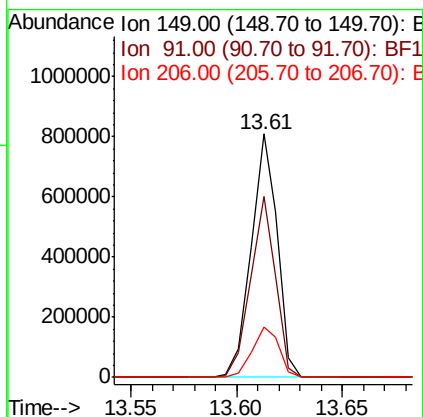
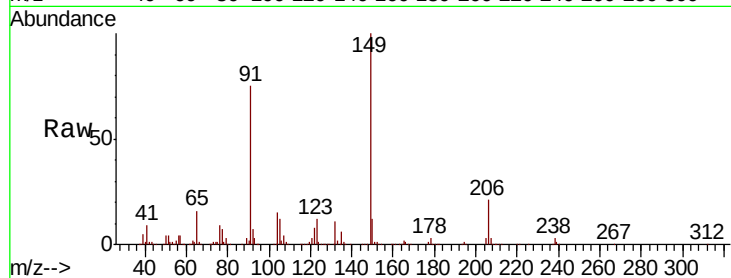




#79
Butylbenzylphthalate
Concen: 46.044 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

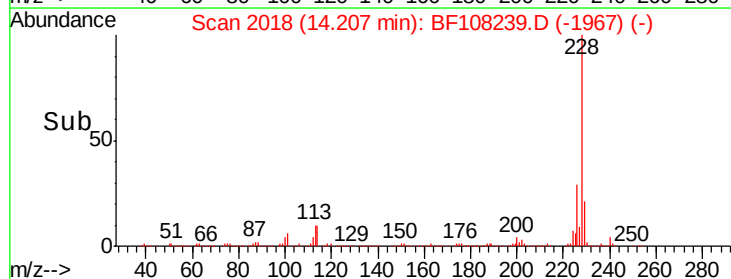
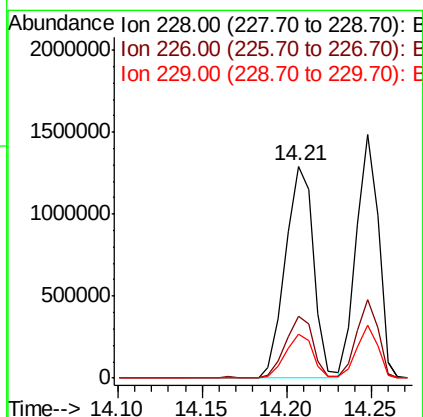
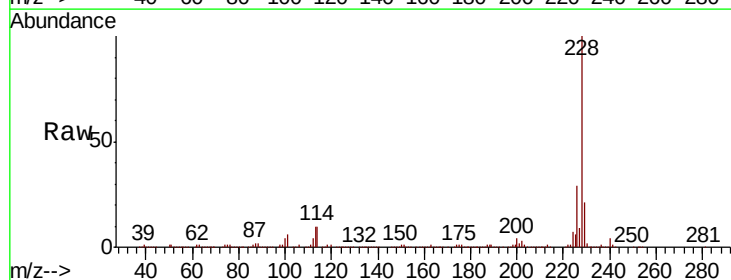
Instrument :
BNA_F
ClientSampleId :

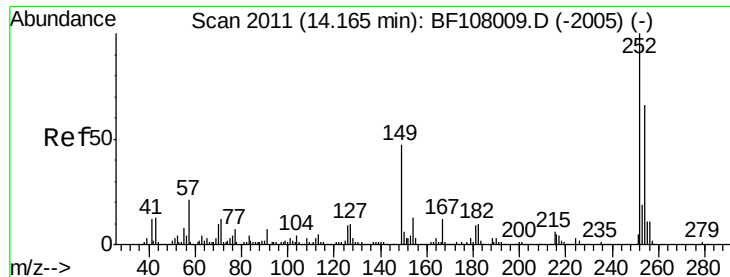
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.5	56.8	85.2
206	20.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 43.649 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	21.0	15.8	23.6

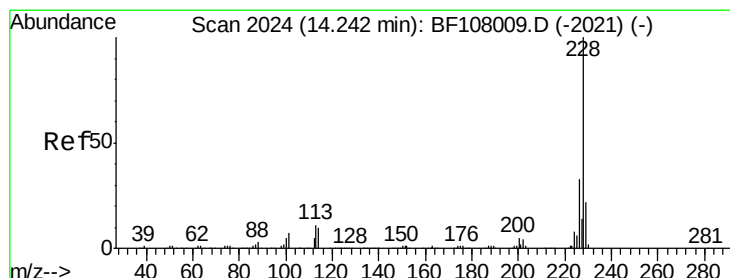
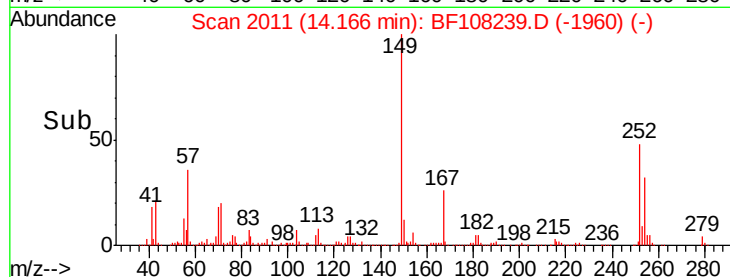
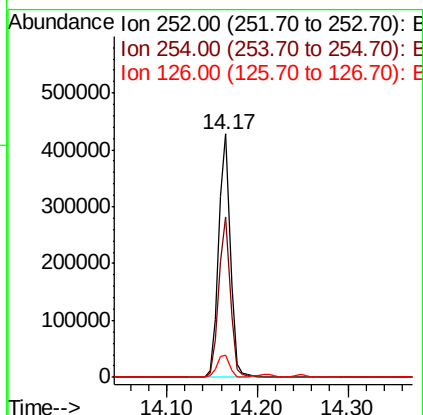
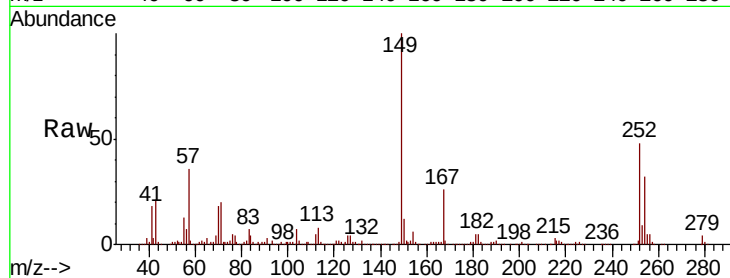




#81
 3,3'-Dichlorobenzidine
 Concen: 30.914 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

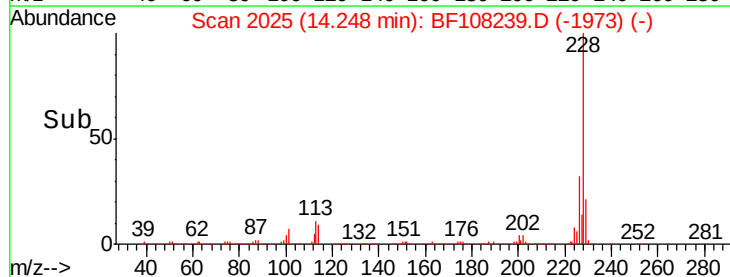
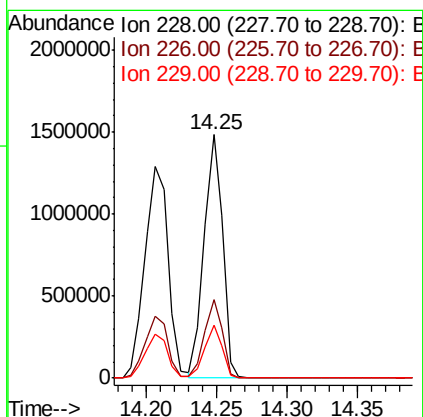
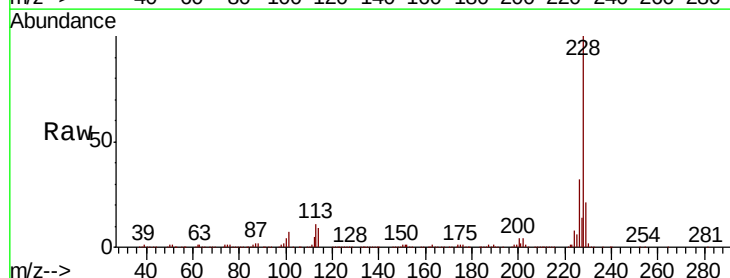
Instrument :
 BNA_F
 ClientSampleId :

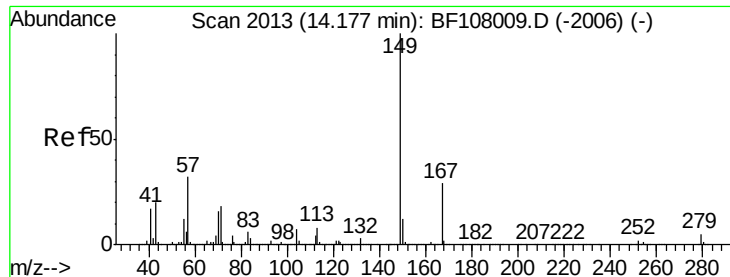
Tot Ion:252 Resp: 380414
 Ion Ratio Lower Upper
 252 100
 254 65.9 50.4 75.6
 126 9.3 11.3 16.9#



#82
 Chrysene
 Concen: 43.080 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

Tgt Ion:228 Resp: 1356151
 Ion Ratio Lower Upper
 228 100
 226 32.4 25.0 37.6
 229 21.5 16.2 24.4

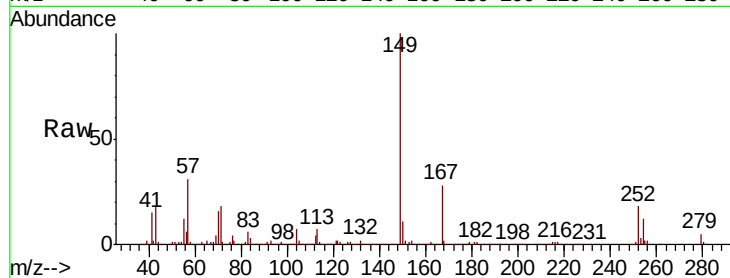




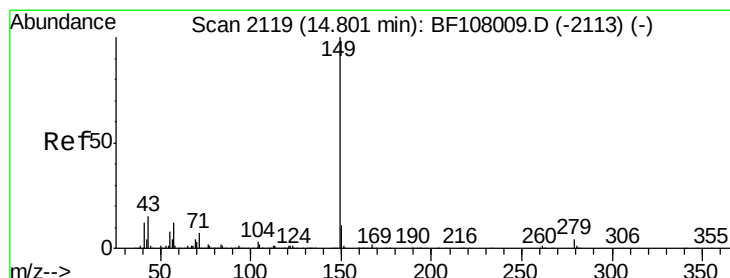
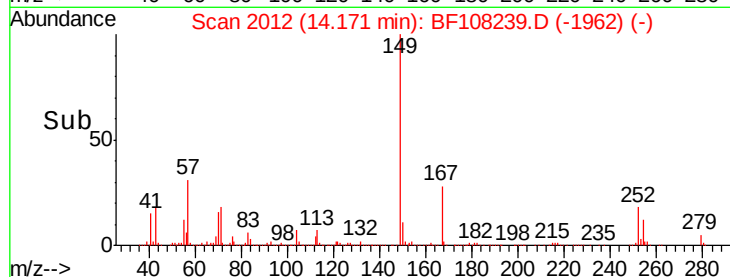
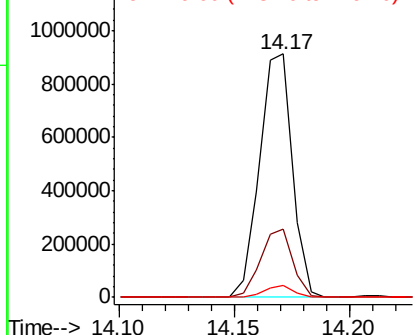
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.553 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 907477
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.3 31.9
 279 4.7 3.0 4.4#

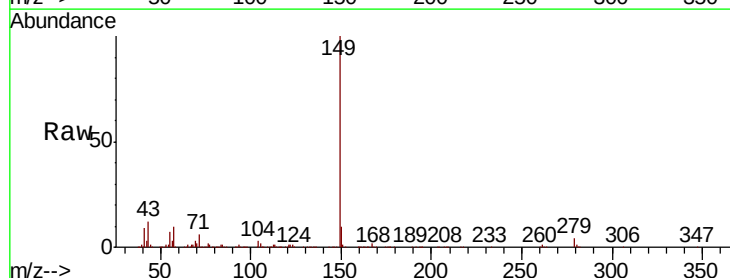


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

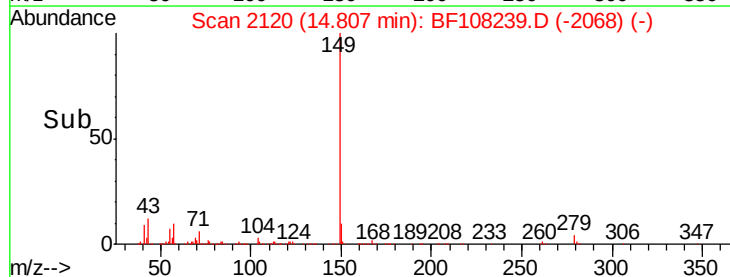
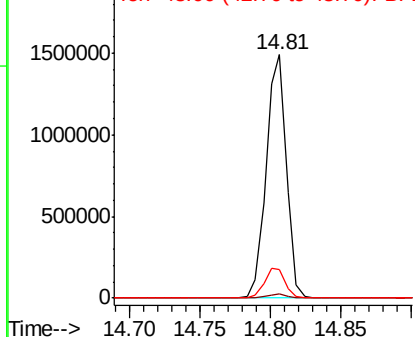


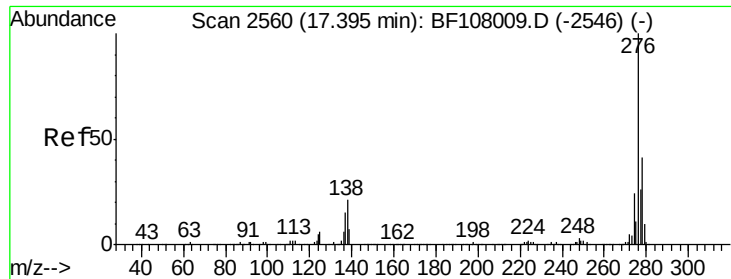
#84
 Di-n-octyl phthalate
 Concen: 48.272 ng
 RT: 14.81 min Scan# 2120
 Delta R.T. 0.01 min
 Lab File: BF108239.D
 Acq: 17 Aug 2018 13:14

Tgt Ion:149 Resp: 1499530
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.4 8.4 12.6



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.399 ng

RT: 17.42 min Scan# 2564

Delta R.T. 0.02 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

Instrument :

BNA_F

ClientSampleId :

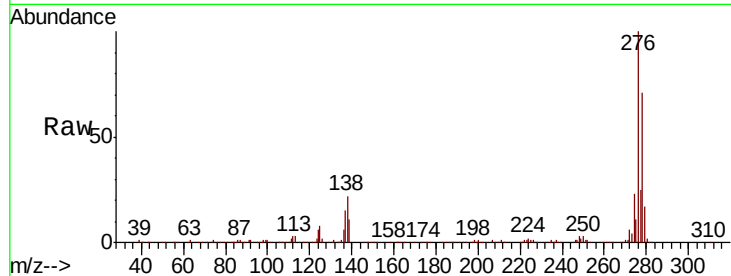
Tot Ion:276 Resp: 1047381

Ion Ratio Lower Upper

276 100

138 22.9 25.0 37.6#

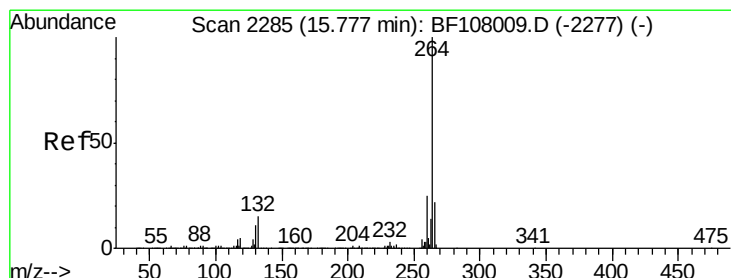
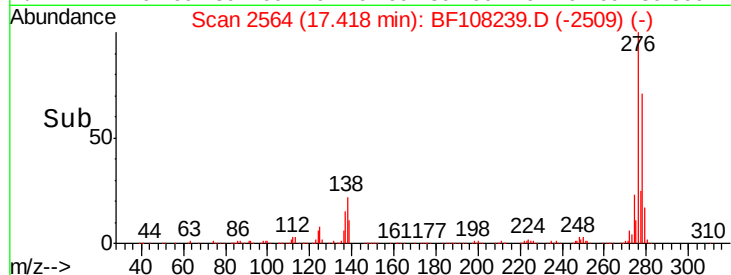
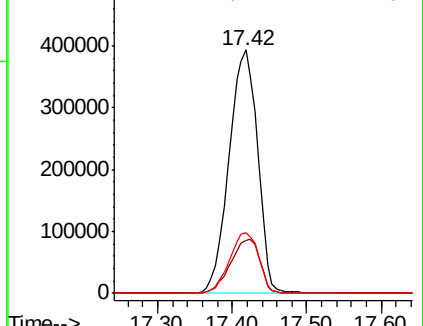
277 25.5 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.79 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

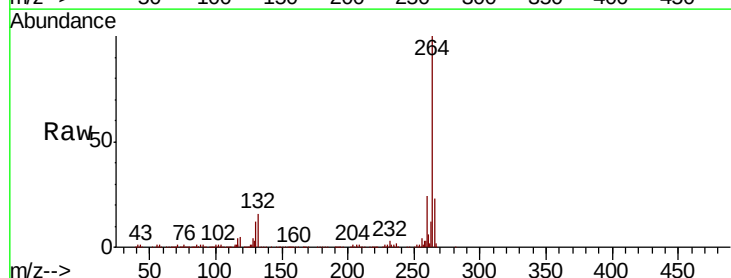
Tgt Ion:264 Resp: 475052

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

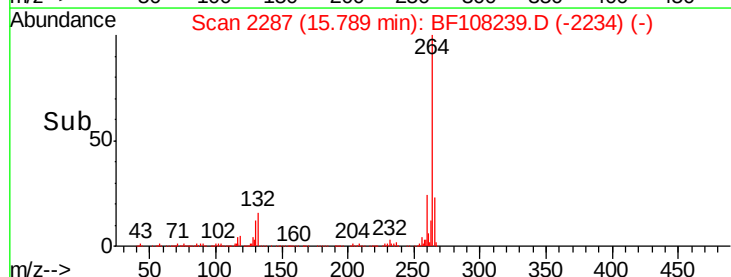
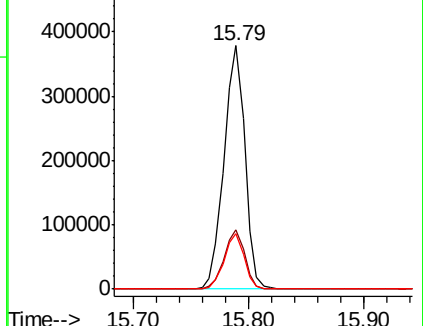
265 22.6 17.5 26.3

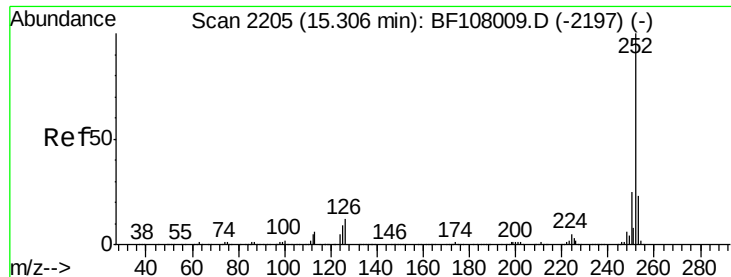


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

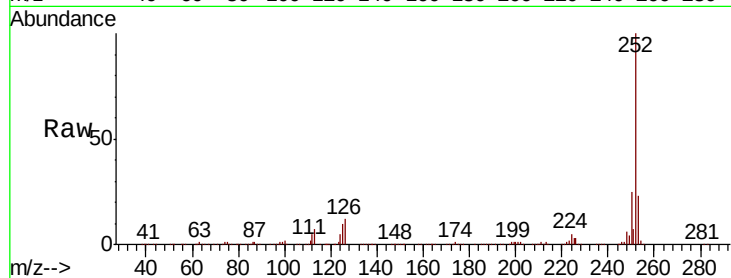




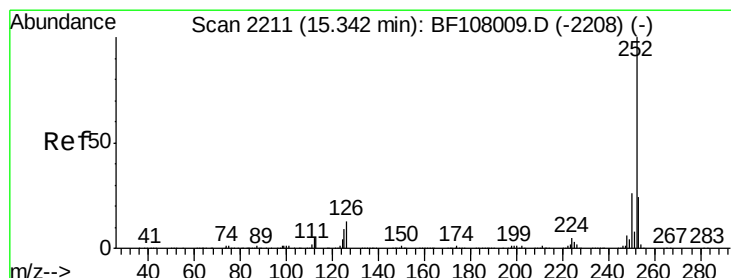
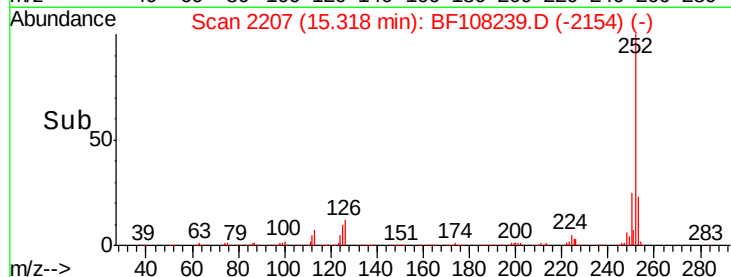
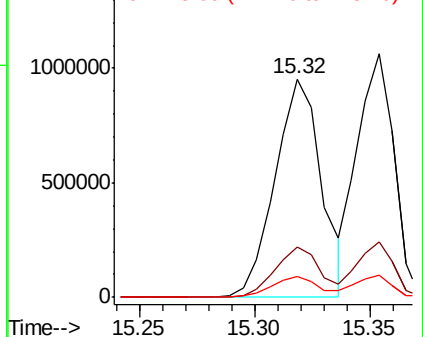
#87
Benzo(b)fluoranthene
Concen: 46.940 ng
RT: 15.32 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1332450
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 9.6 9.0 13.6

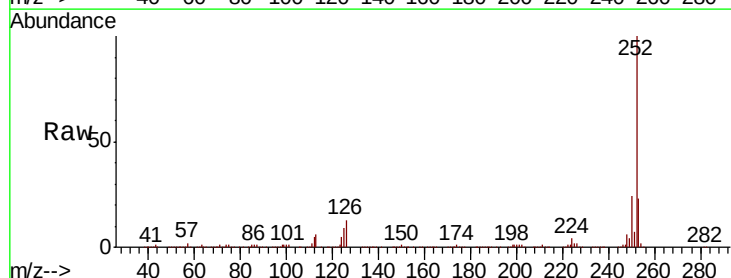


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

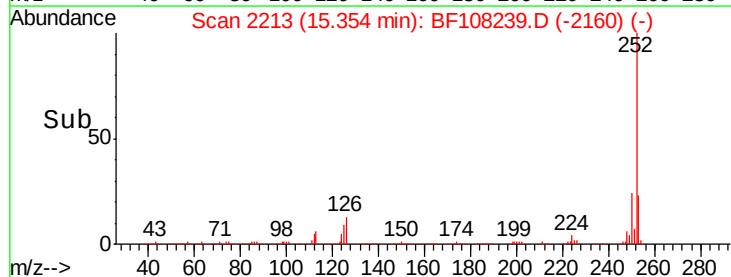
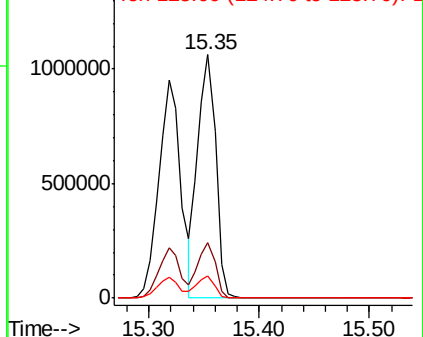


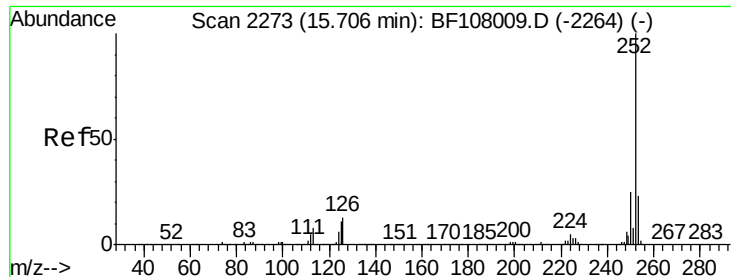
#88
Benzo(k)fluoranthene
Concen: 45.227 ng
RT: 15.35 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Tgt Ion:252 Resp: 1180157
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 9.1 10.2 15.2#



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

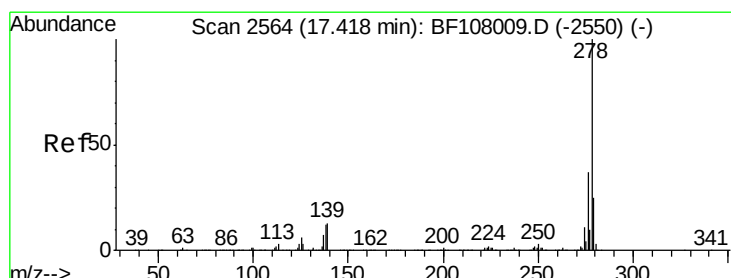
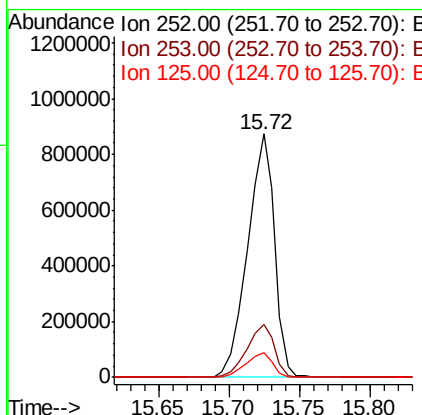
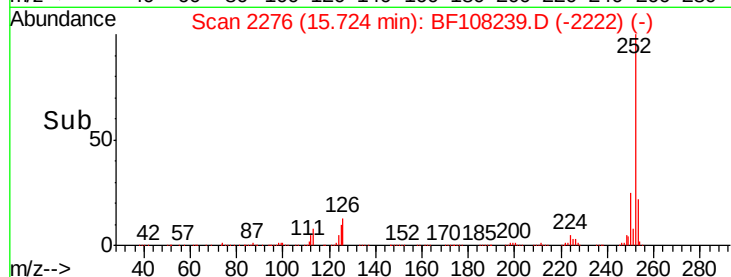
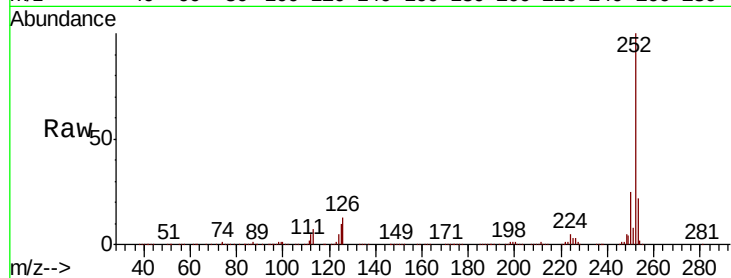




#89
Benzo(a)pyrene
Concen: 46.037 ng
RT: 15.72 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

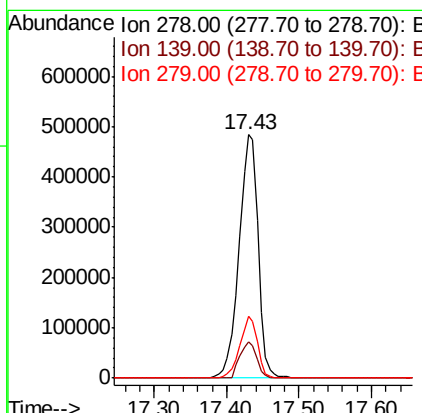
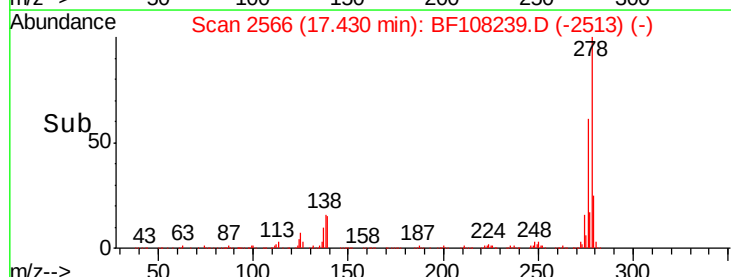
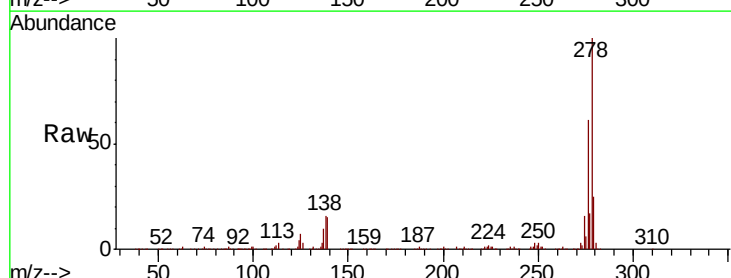
Instrument :
BNA_F
ClientSampled :

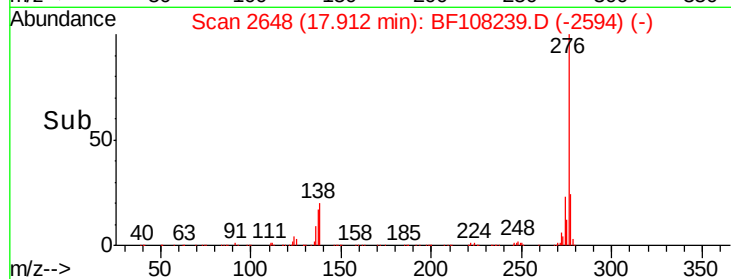
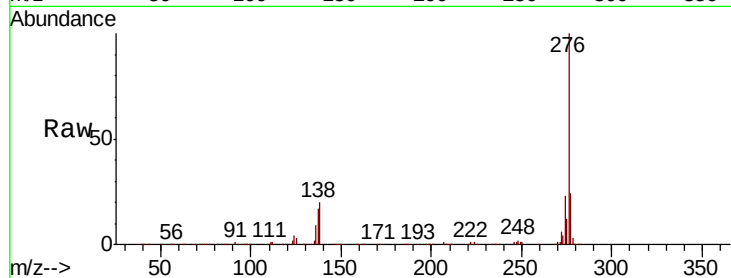
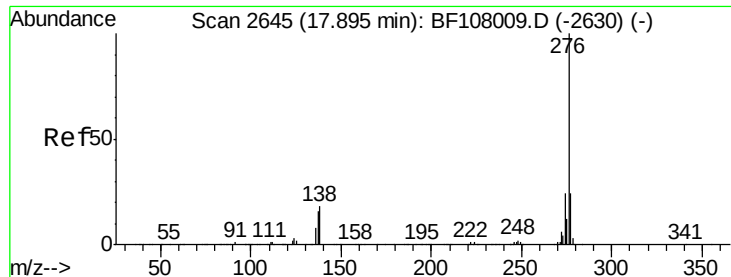
Tot Ion:252 Resp: 1170233
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 10.3 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 41.965 ng
RT: 17.43 min Scan# 2566
Delta R.T. 0.01 min
Lab File: BF108239.D
Acq: 17 Aug 2018 13:14

Tgt Ion:278 Resp: 882605
Ion Ratio Lower Upper
278 100
139 15.0 15.9 23.9#
279 25.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 41.148 ng

RT: 17.91 min Scan# 2648

Delta R.T. 0.02 min

Lab File: BF108239.D

Acq: 17 Aug 2018 13:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 852162

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 19.8 21.8 32.8#

