

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108389.D
 Acq On : 22 Aug 2018 18:00
 Operator : JU/SJ
 Sample : J4569-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 22 18:44:01 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 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	169207	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	644973	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	316606	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	585138	20.00	ng	0.00
75) Chrysene-d12	14.19	240	316454	20.00	ng	0.00
86) Perylene-d12	15.75	264	314057	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	946875	101.31	ng	0.00
7) Phenol-d6	6.63	99	1301198	104.77	ng	0.00
23) Nitrobenzene-d5	7.57	82	854263	73.91	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	358696	113.58	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1524907	77.33	ng	0.00
78) Terphenyl-d14	13.13	244	1333758	107.16	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.95	88	111462	23.210	ng	90
3) Pyridine	3.71	79	319699	25.843	ng	85
4) n-Nitrosodimethylamine	3.67	42	199841	28.709	ng	84
6) Aniline	6.67	93	497711	29.462	ng	97
8) 2-Chlorophenol	6.79	128	354935	33.719	ng	96
9) Benzaldehyde	6.55	77	242432	25.177	ng	96
10) Phenol	6.64	94	474703	36.951	ng	91
11) bis(2-Chloroethyl)ether	6.74	93	340092	32.745	ng	96
12) 1,3-Dichlorobenzene	6.94	146	391785	32.190	ng	98
13) 1,4-Dichlorobenzene	7.02	146	396220	32.401	ng	98
14) 1,2-Dichlorobenzene	7.17	146	373798	32.863	ng	99
15) Benzyl Alcohol	7.14	79	334486	31.991	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.27	45	653870	30.560	ng	99
17) 2-Methylphenol	7.24	107	317466	35.169	ng	93
18) Hexachloroethane	7.51	117	143425	32.944	ng	94
19) n-Nitroso-di-n-propylamine	7.41	70	269078	32.038	ng	90
20) 3+4-Methylphenols	7.40	107	387037	33.458	ng	93
22) Acetophenone	7.41	105	515277	34.167	ng	97
24) Nitrobenzene	7.58	77	400413	34.259	ng	94
25) Isophorone	7.82	82	738856	33.538	ng	97
26) 2-Nitrophenol	7.90	139	179663	40.704	ng	95
27) 2,4-Dimethylphenol	7.92	122	336755	34.441	ng	94
28) bis(2-Chloroethoxy)methane	8.02	93	447982	34.833	ng	99
29) 2,4-Dichlorophenol	8.14	162	321586	35.739	ng	97
30) 1,2,4-Trichlorobenzene	8.22	180	340964	34.368	ng	95
31) Naphthalene	8.31	128	1030182	35.121	ng	99
32) Benzoic acid	8.02	122	80532	18.401	ng	88
33) 4-Chloroaniline	8.35	127	365733	28.611	ng	99
34) Hexachlorobutadiene	8.42	225	217738	34.669	ng	99
36) 4-Chloro-3-methylphenol	8.83	107	333737	34.381	ng	98
37) 2-Methylnaphthalene	9.00	142	713650	34.388	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	363284	37.365	ng	98
40) Hexachlorocyclopentadiene	9.15	237	259628	41.342	ng	97
42) 2,4,6-Trichlorophenol	9.28	196	236382	39.179	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	236382	35.591	nq	95
45) 1,1'-Biphenyl	9.47	154	856369	36.686	nq	98
46) 2-Chloronaphthalene	9.50	162	659469	35.744	nq	96
47) 2-Nitroaniline	9.59	65	221484	37.102	nq	92
48) Acenaphthylene	9.91	152	1046347	35.873	nq	99
49) Dimethylphthalate	9.76	163	973008	44.119	nq	99
50) 2,6-Dinitrotoluene	9.83	165	173452	37.591	nq	97
51) Acenaphthene	10.08	154	617005	34.537	nq	98
52) 3-Nitroaniline	10.00	138	154839	30.670	nq	97
53) 2,4-Dinitrophenol	10.11	184	93800	56.573	nq #	22
54) Dibenzofuran	10.25	168	911638	35.222	nq	96
55) 4-Nitrophenol	10.16	139	245919	64.327	nq	87
56) 2,4-Dinitrotoluene	10.24	165	228066	38.399	nq #	98
57) Fluorene	10.60	166	727241	35.494	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.37	232	205710	37.056	nq #	86
59) Diethylphthalate	10.46	149	773647	36.226	nq	97
60) 4-Chlorophenyl-phenylether	10.58	204	376491	35.264	nq	95
61) 4-Nitroaniline	10.62	138	176622	35.386	nq	94
62) Azobenzene	10.75	77	748505	33.938	nq	94
64) 4,6-Dinitro-2-methylphenol	10.65	198	74065	35.309	nq	79
65) n-Nitrosodiphenylamine	10.71	169	653353	37.785	nq	98
66) 4-Bromophenyl-phenylether	11.08	248	240322	37.793	nq #	90
67) Hexachlorobenzene	11.15	284	237376	35.479	nq #	89
68) Atrazine	11.23	200	213978	36.895	nq	95
69) Pentachlorophenol	11.34	266	225087	70.287	nq	97
70) Phenanthrene	11.57	178	999896	36.230	nq	99
71) Anthracene	11.62	178	1022620	36.152	nq	100
72) Carbazole	11.77	167	871443	34.674	nq	99
73) Di-n-butylphthalate	12.09	149	1120832	39.373	nq	99
74) Fluoranthene	12.77	202	960098	31.875	nq	94
76) Benzidine	12.88	184	467332	39.526	nq	98
77) Pyrene	12.99	202	901132	44.978	nq	99
79) Butylbenzylphthalate	13.59	149	378756	47.609	nq	96
80) Benzo(a)anthracene	14.19	228	654587	36.043	nq	98
81) 3,3'-Dichlorobenzidine	14.14	252	205285	31.541	nq #	95
82) Chrysene	14.22	228	587870	35.307	nq	100
83) Bis(2-ethylhexyl)phthalate	14.15	149	496562	46.092	nq	100
84) Di-n-octyl phthalate	14.77	149	715930	43.574	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	655369	45.428	nq #	91
87) Benzo(b)fluoranthene	15.31	252	533910	28.451	nq	97
88) Benzo(k)fluoranthene	15.31	252	533910	30.950	nq #	96
89) Benzo(a)pyrene	15.68	252	571551	34.012	nq	97
90) Dibenzo(a,h)anthracene	17.38	278	552044	39.703	nq #	94
91) Benzo(g,h,i)perylene	17.86	276	525054	38.350	nq #	89

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

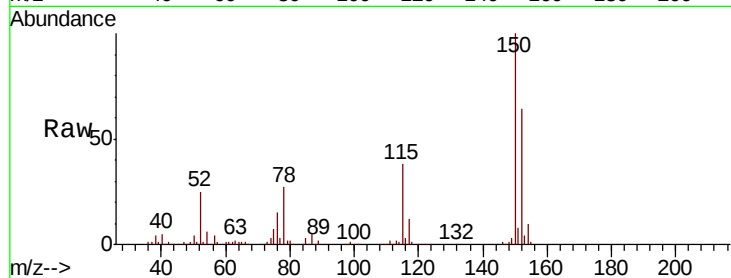


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	59.9	50.1	75.1

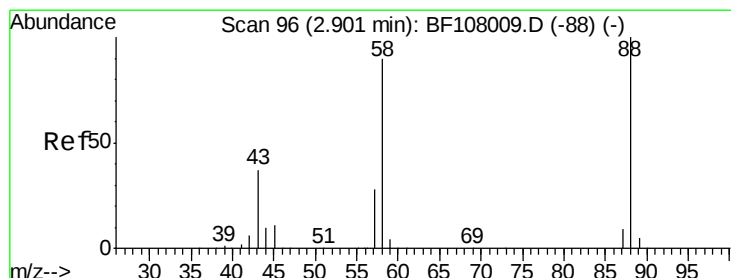
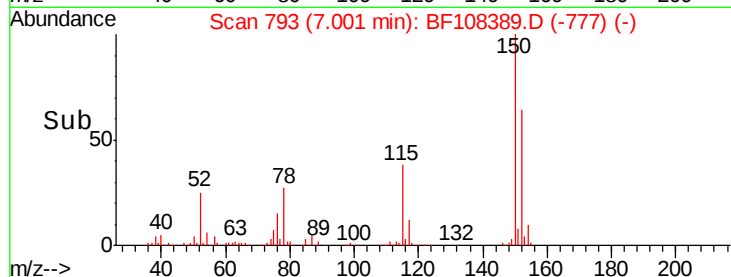
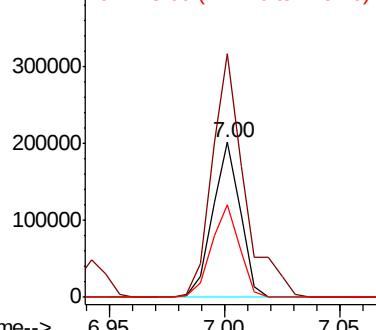


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

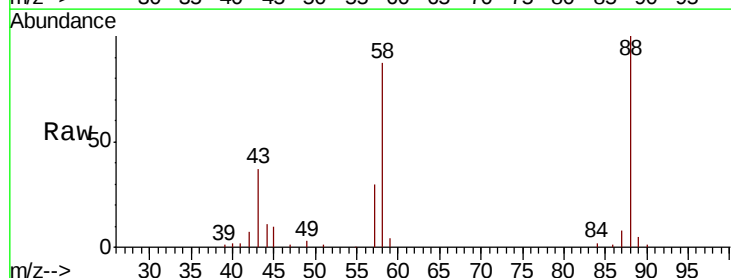
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 23.210 ng
RT: 2.95 min Scan# 104
Delta R.T. 0.08 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.1	62.6	93.8
43	35.1	24.6	37.0

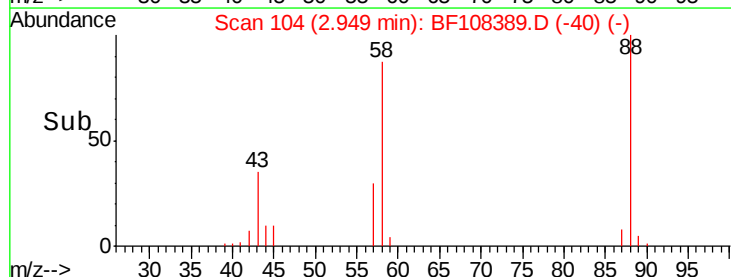
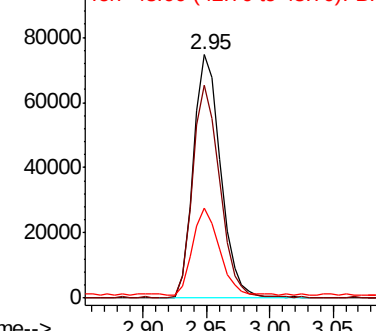


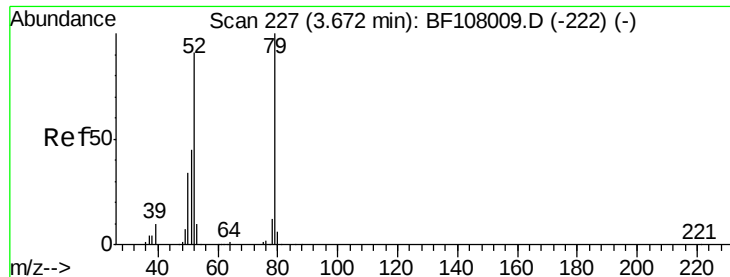
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 25.843 ng

RT: 3.71 min Scan# 234

Delta R.T. 0.05 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

Instrument :

BNA_M

ClientSampled :

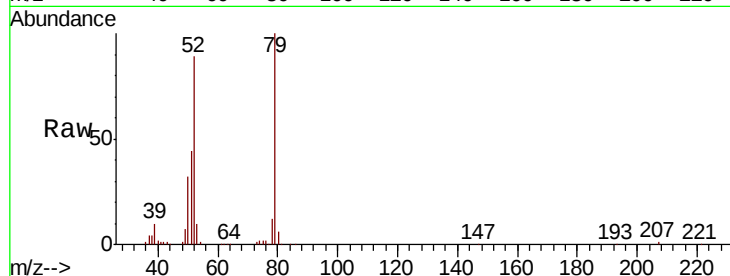
Tot Ion: 79 Resp: 319699

Ion Ratio Lower Upper

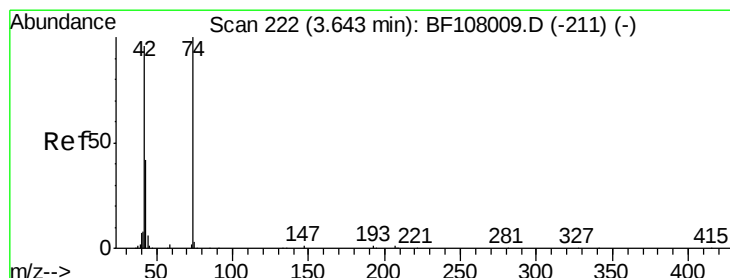
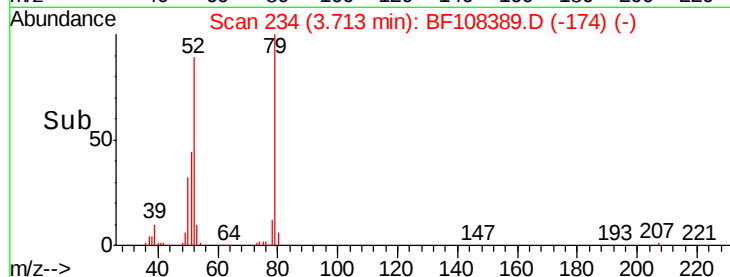
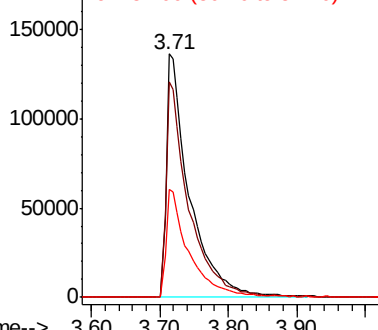
79 100

52 88.7 59.8 89.6

51 44.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 28.709 ng

RT: 3.67 min Scan# 227

Delta R.T. 0.04 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

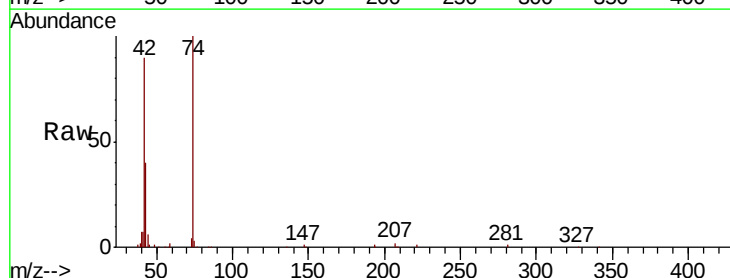
Tgt Ion: 42 Resp: 199841

Ion Ratio Lower Upper

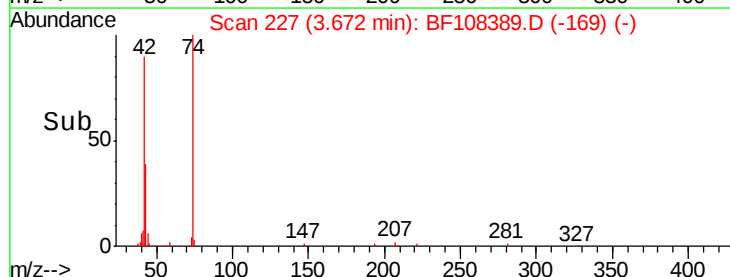
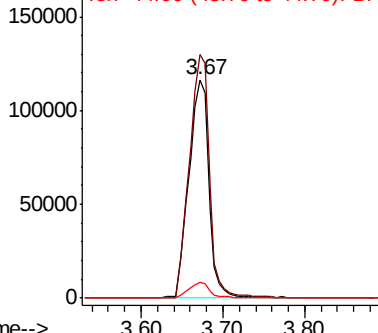
42 100

74 111.6 104.9 157.3

44 7.1 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 101.312 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

Instrument :

BNA_M

ClientSampleId :

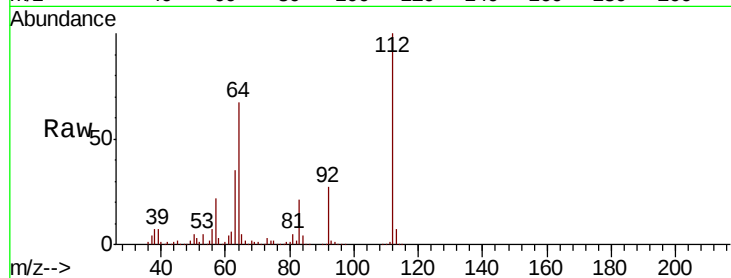
Tot Ion:112 Resp: 946875

Ion Ratio Lower Upper

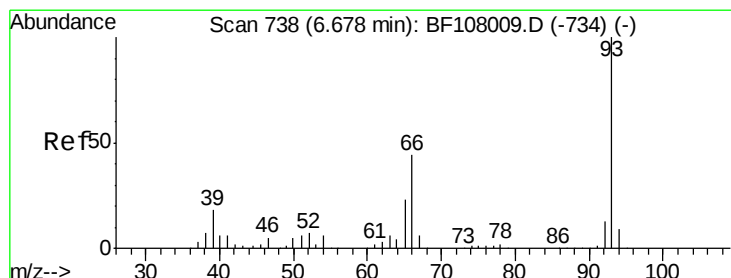
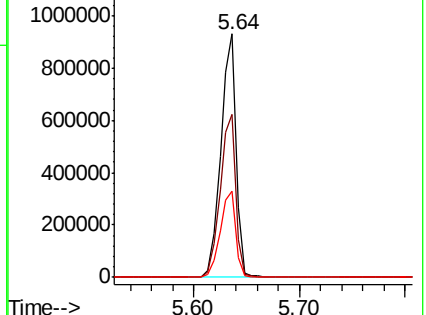
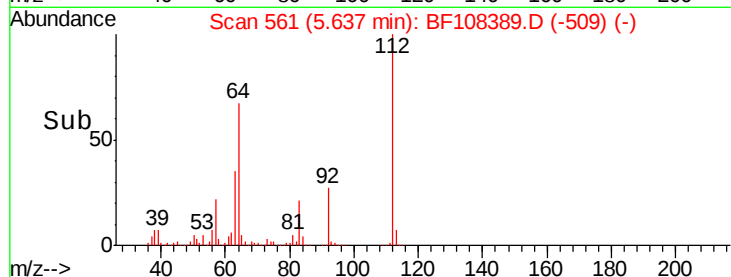
112 100

64 66.9 47.9 71.9

63 35.4 23.7 35.5



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



#6

Aniline

Concen: 29.462 ng

RT: 6.67 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

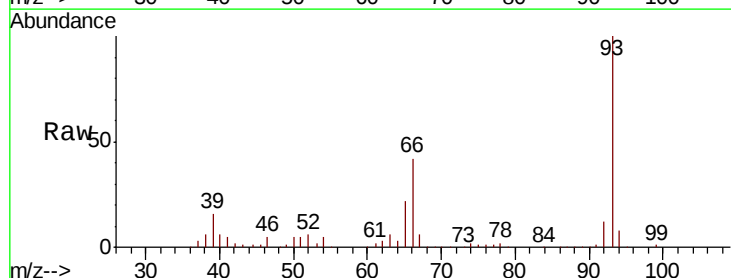
Tgt Ion: 93 Resp: 497711

Ion Ratio Lower Upper

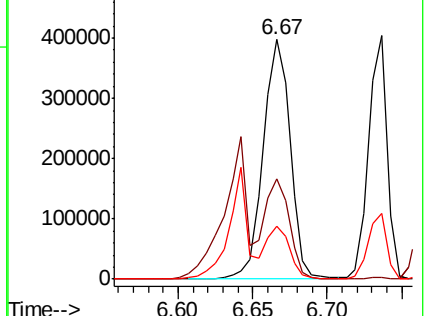
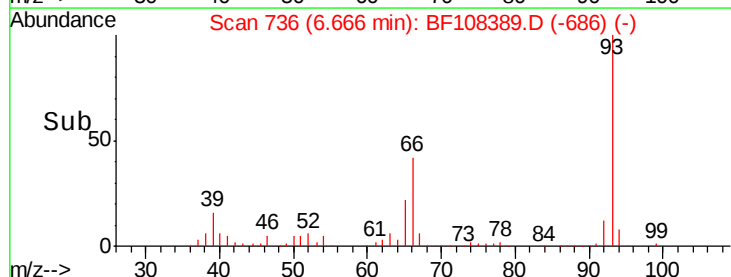
93 100

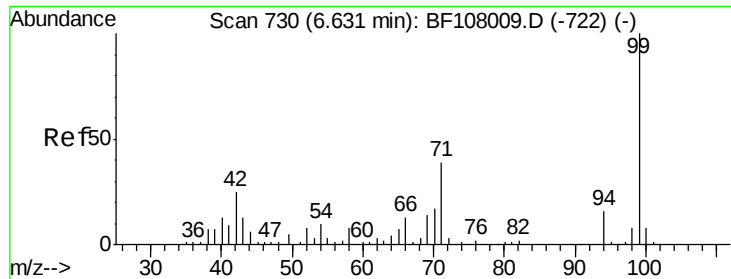
66 41.9 32.2 48.2

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: 104.769 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

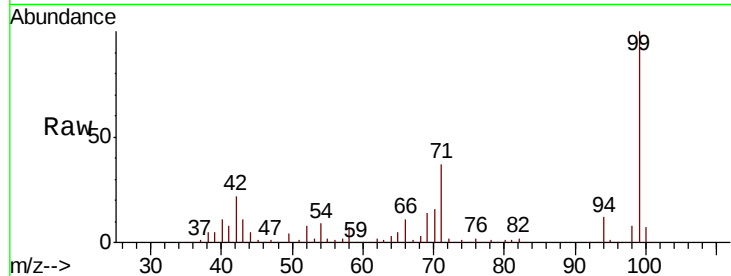
Instrument :

BNA_M

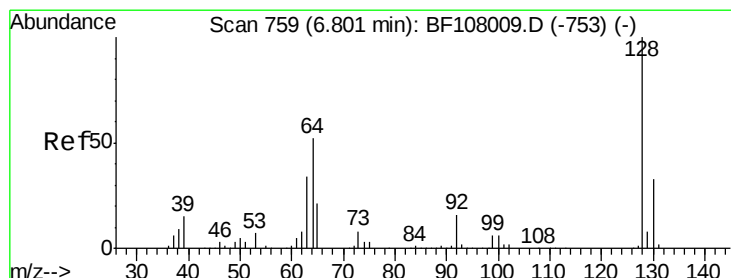
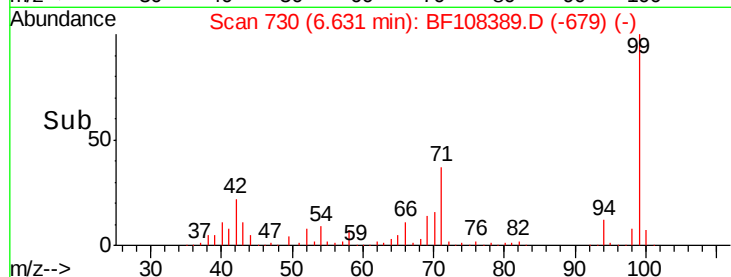
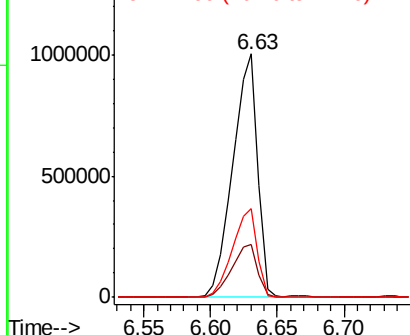
ClientSampled :

Tot Ion: 99 Resp: 1301198

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	36.6	25.4	38.0



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



#8

2-Chlorophenol

Concen: 33.719 ng

RT: 6.79 min Scan# 757

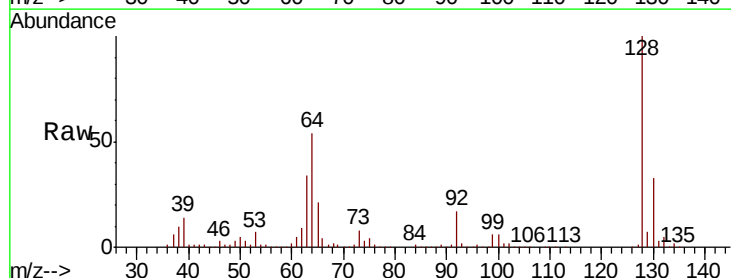
Delta R.T. -0.01 min

Lab File: BF108389.D

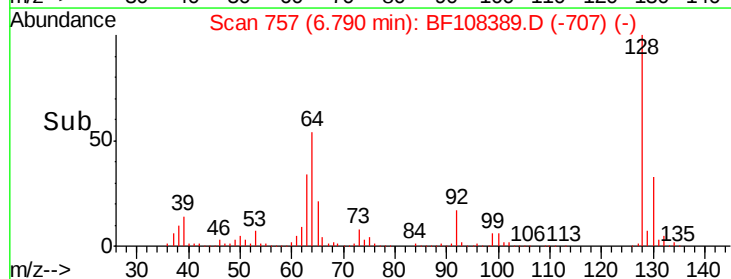
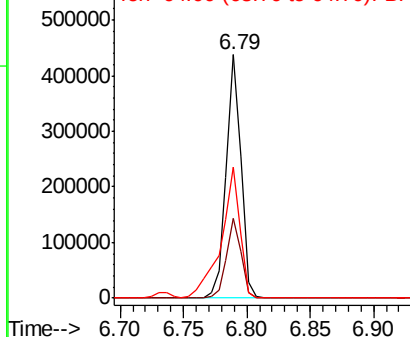
Acq: 22 Aug 2018 18:00

Tgt Ion: 128 Resp: 354935

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.0	53.0
64	53.7	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: 25.177 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

Instrument :

BNA_M

ClientSampled :

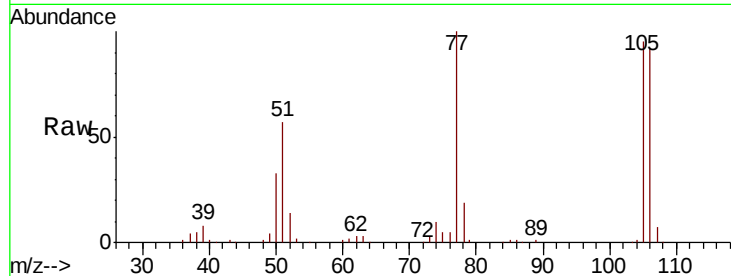
Tot Ion: 77 Resp: 242432

Ion Ratio Lower Upper

77 100

105 95.0 81.1 121.1

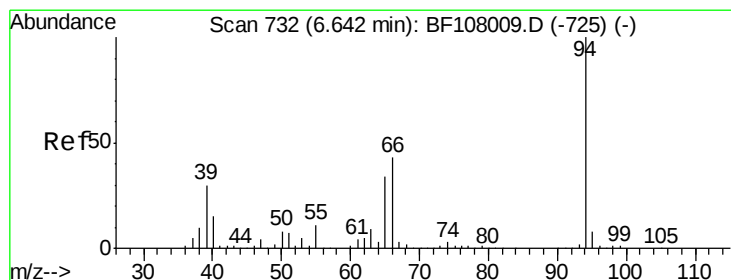
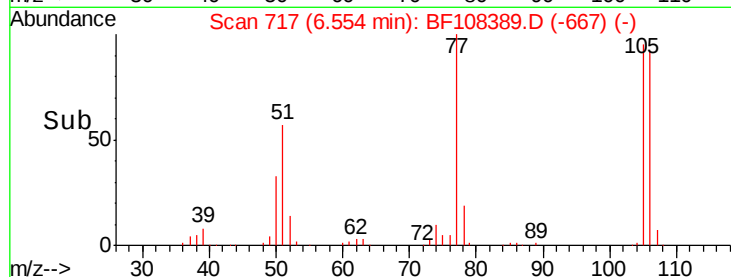
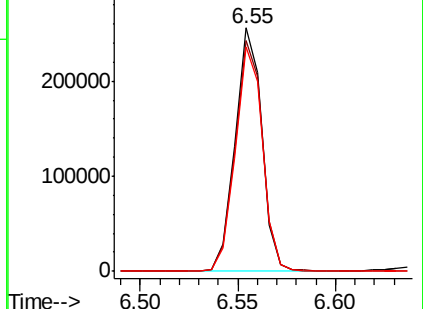
106 92.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.951 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

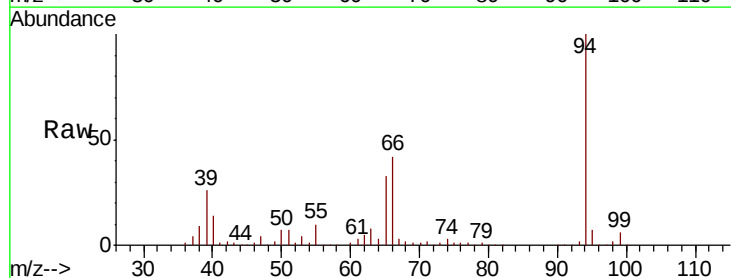
Tgt Ion: 94 Resp: 474703

Ion Ratio Lower Upper

94 100

65 32.5 7.9 47.9

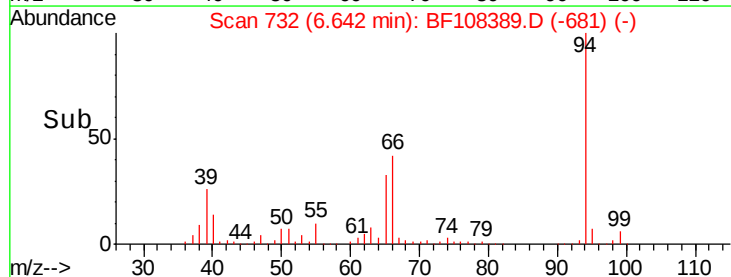
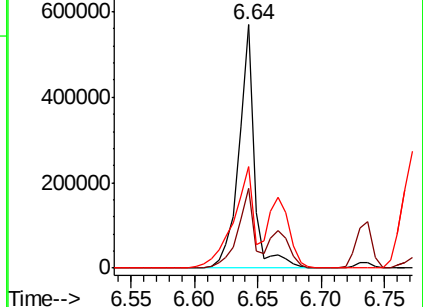
66 41.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

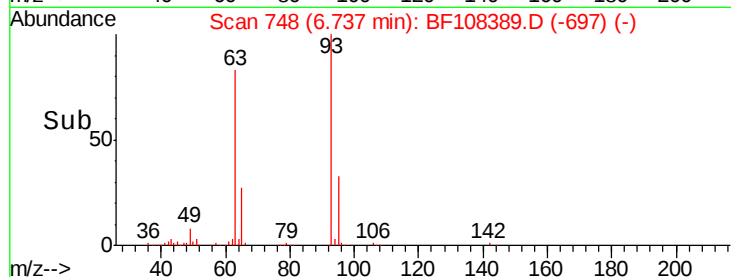
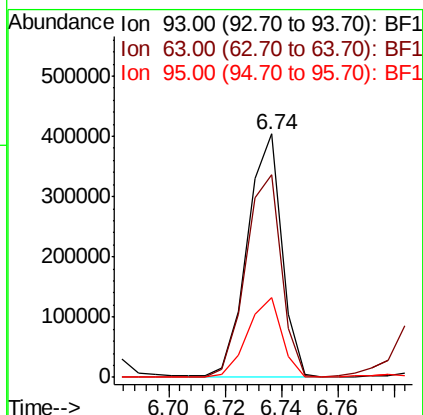
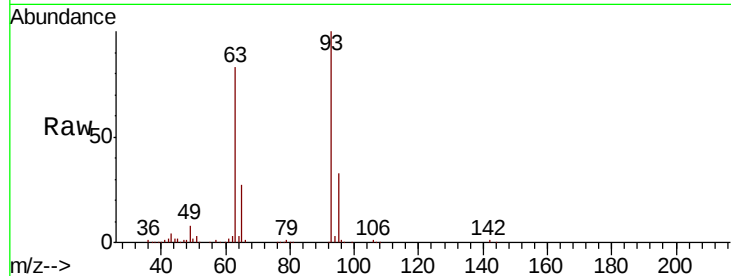




#11
bis(2-Chloroethyl)ether
Concen: 32.745 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

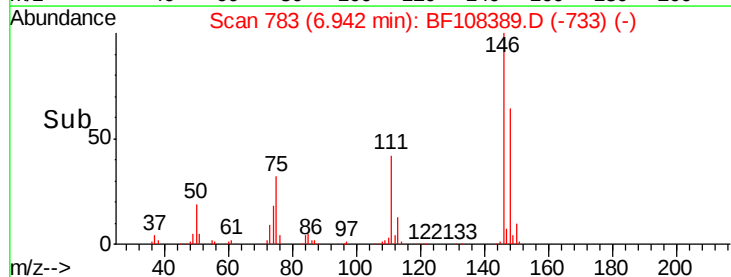
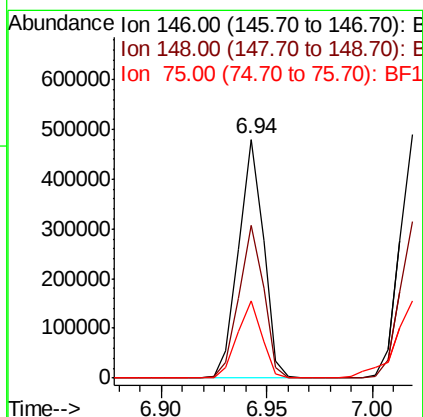
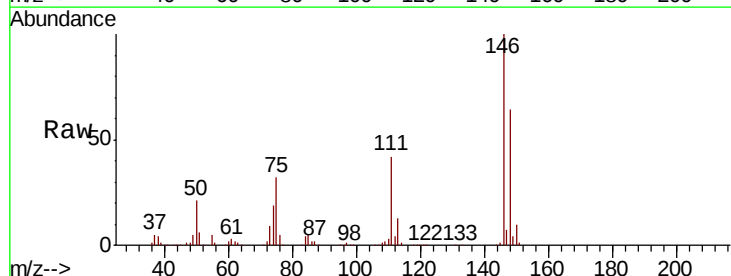
Instrument :
BNA_M
ClientSampled :

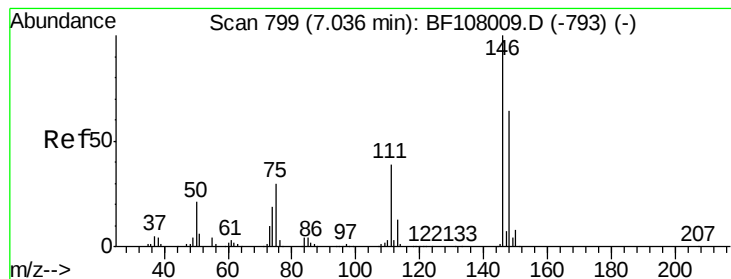
Tot Ion	Ratio	Lower	Upper
93	100		
63	83.3	58.6	98.6
95	32.6	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 32.190 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	32.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 32.401 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

Instrument :

BNA_M

ClientSampleId :

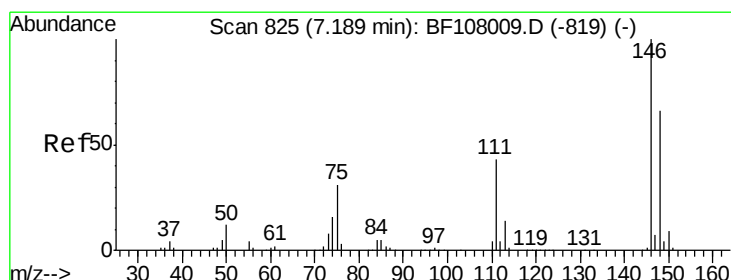
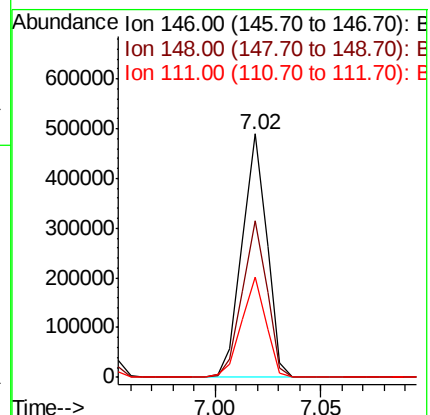
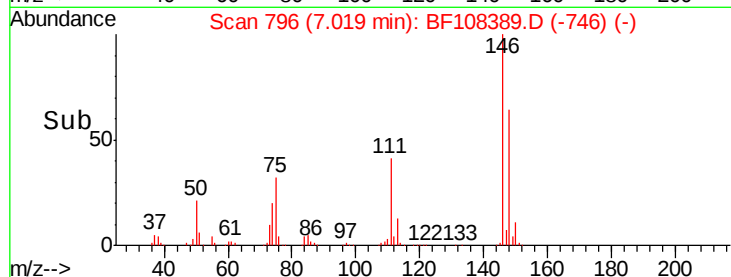
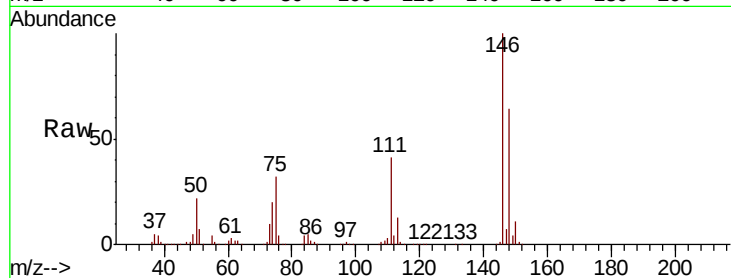
Tot Ion:146 Resp: 396220

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

111 40.9 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 32.863 ng

RT: 7.17 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

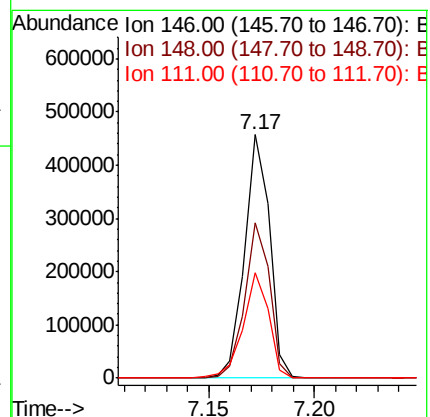
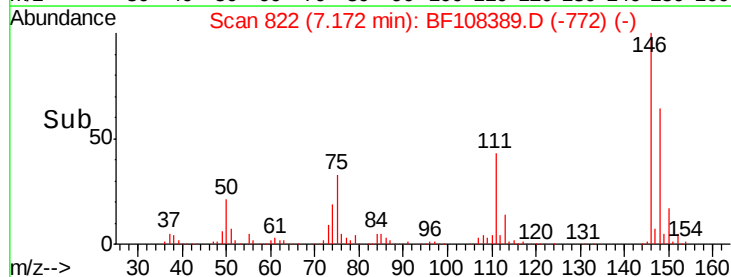
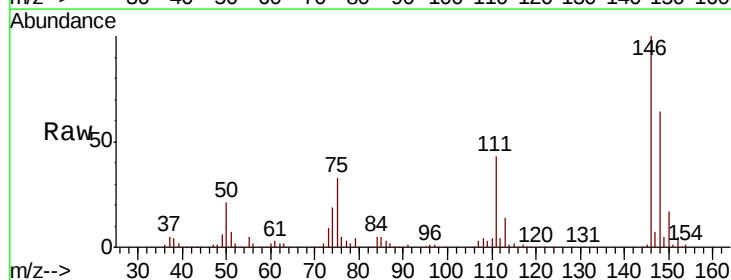
Tgt Ion:146 Resp: 373798

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

111 43.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 31.991 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

Instrument :

BNA_M

ClientSampleId :

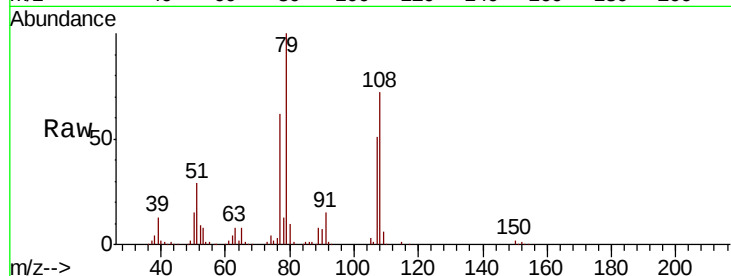
Tot Ion: 79 Resp: 334486

Ion Ratio Lower Upper

79 100

108 71.6 65.1 97.7

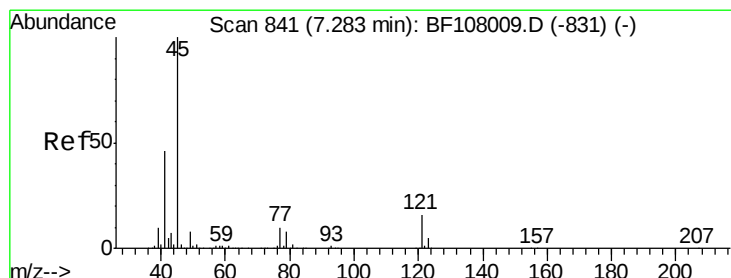
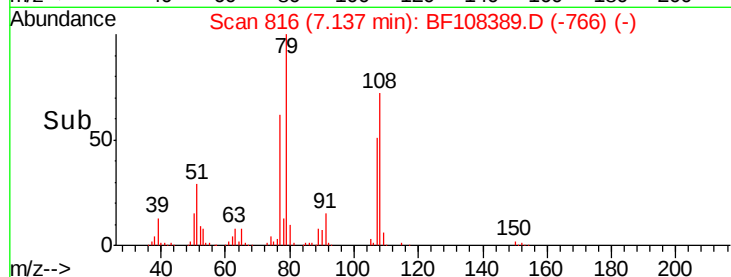
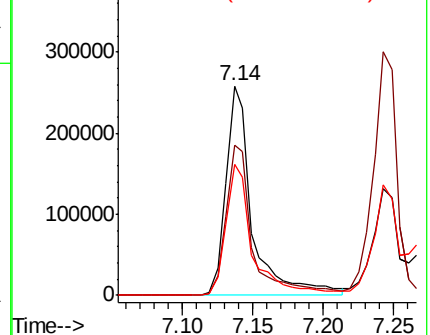
77 62.5 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.560 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

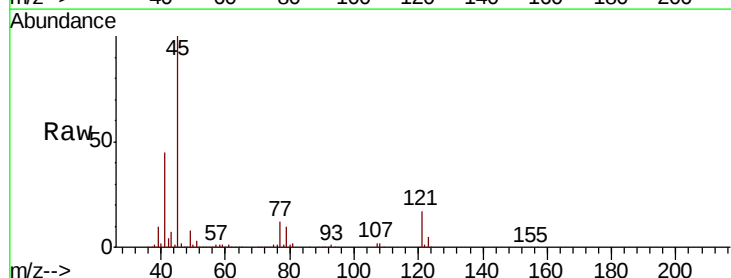
Tgt Ion: 45 Resp: 653870

Ion Ratio Lower Upper

45 100

77 12.4 0.0 32.9

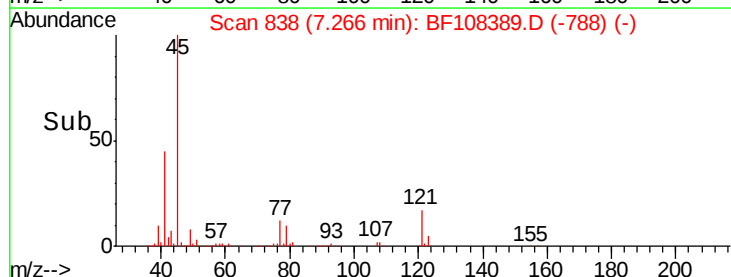
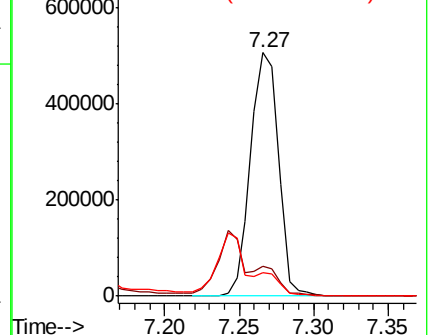
79 9.6 0.0 29.6



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: 35.169 ng

RT: 7.24 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 317466

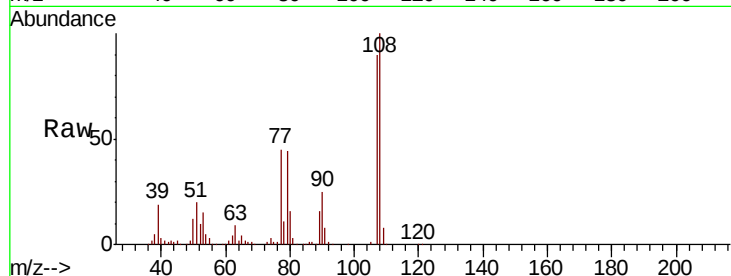
Ion Ratio Lower Upper

107 100

108 110.6 91.7 137.5

77 50.0 33.8 50.8

79 48.2 33.8 50.8

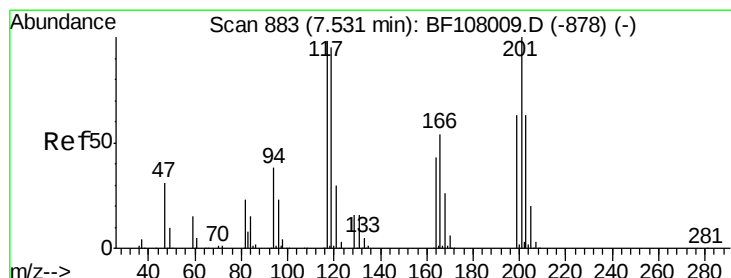
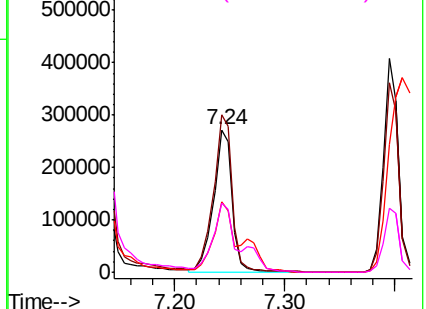
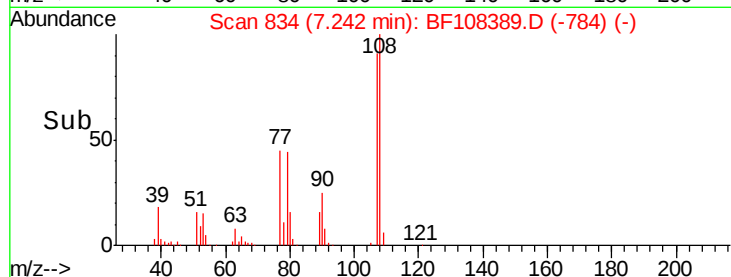


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.944 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

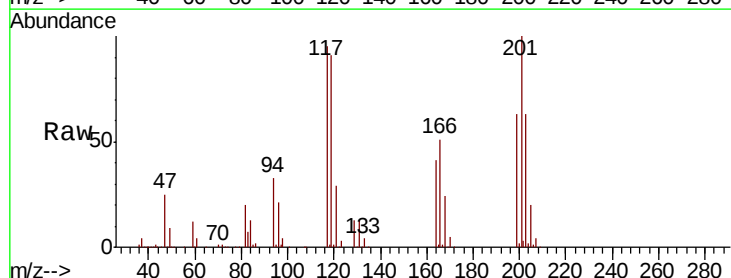
Tgt Ion:117 Resp: 143425

Ion Ratio Lower Upper

117 100

119 95.8 75.8 113.8

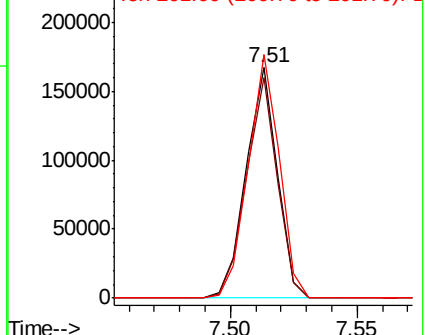
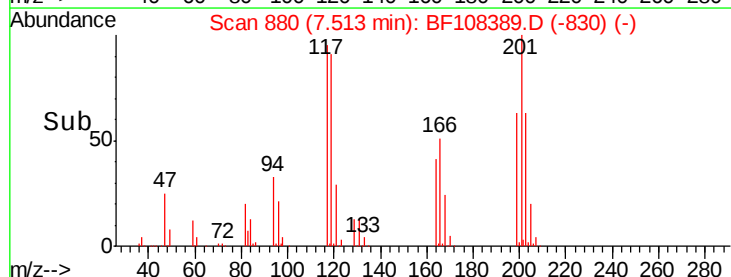
201 105.6 75.7 113.5



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

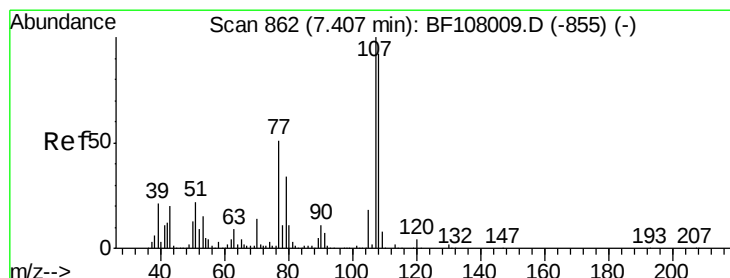
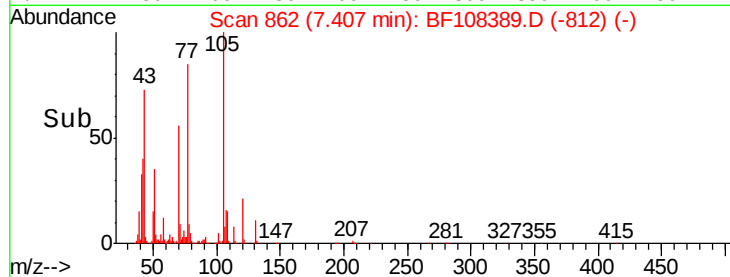
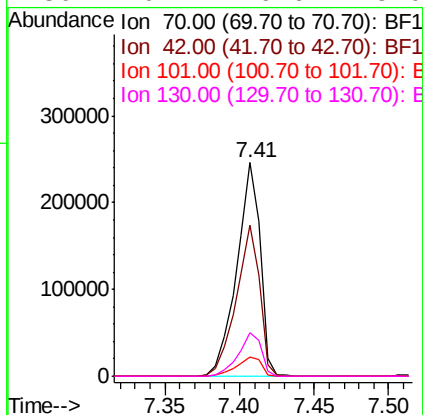
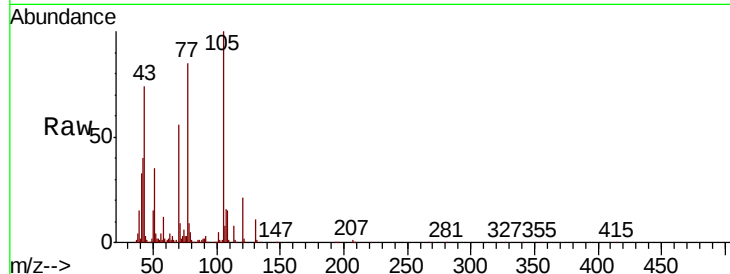




#19
n-Nitroso-di-n-propylamine
Concen: 32.038 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

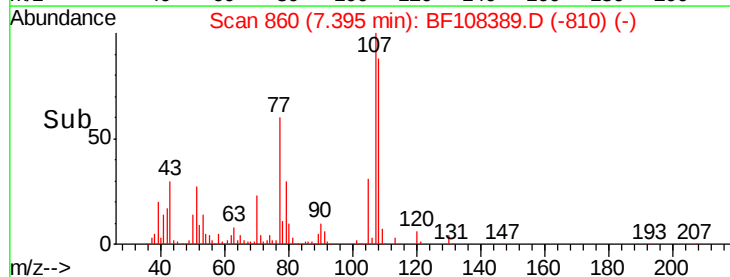
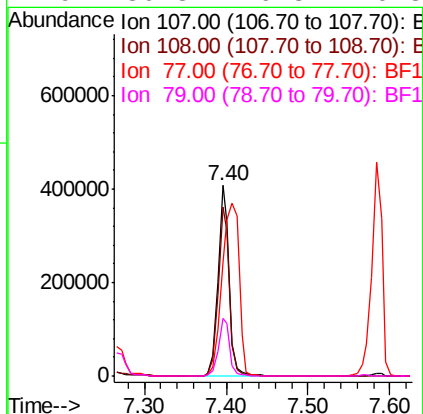
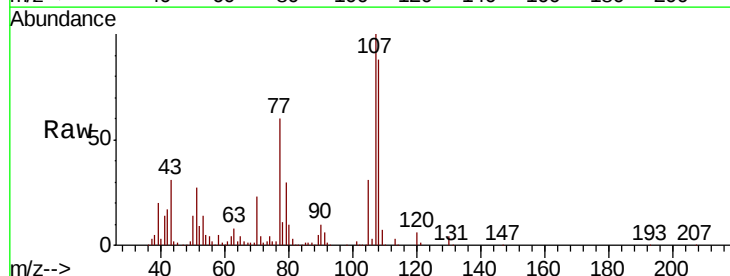
Instrument :
BNA_M
ClientSampleId :

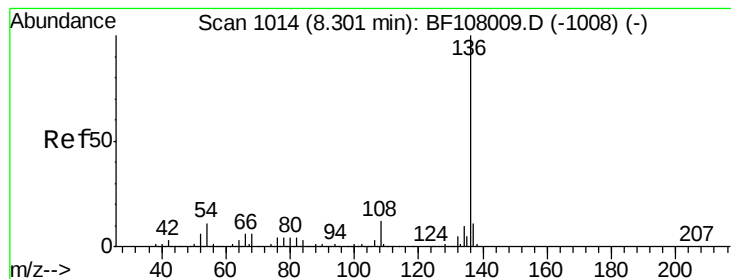
Tot Ion:	70	Resp:	269078
Ion	Ratio	Lower	Upper
70	100		
42	70.7	47.5	71.3
101	9.2	7.4	11.2
130	20.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 33.458 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Tgt Ion:	107	Resp:	387037
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.2	108.2
77	59.8	26.7	66.7
79	30.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108389.D

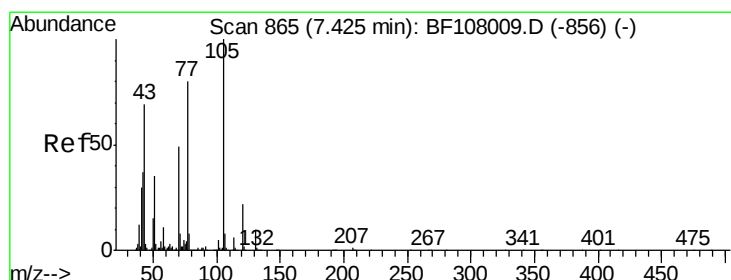
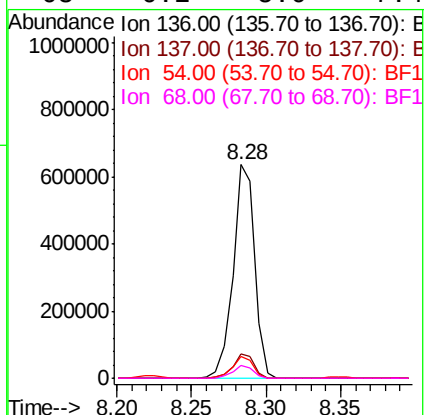
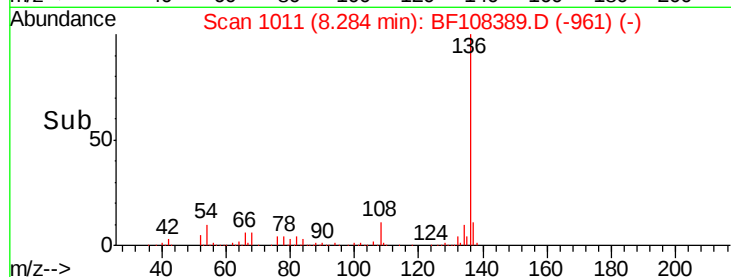
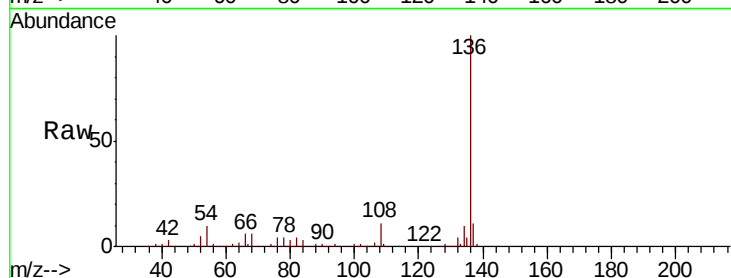
Acq: 22 Aug 2018 18:00

Instrument :

BNA_M

ClientSampled :

Tot Ion:136	Resp:	644973
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	10.0	6.6 9.8#
68	6.2	5.0 7.4



#22

Acetophenone

Concen: 34.167 ng

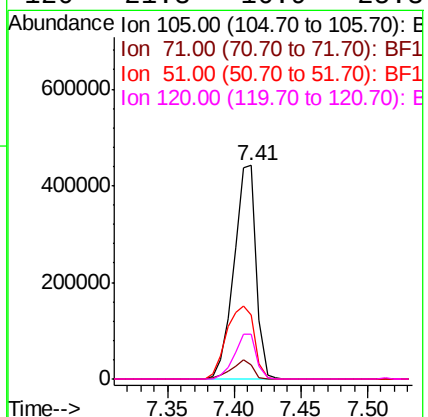
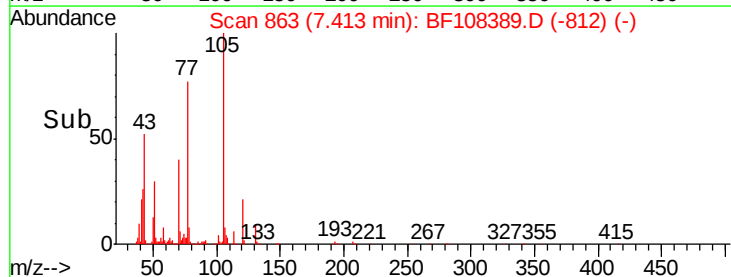
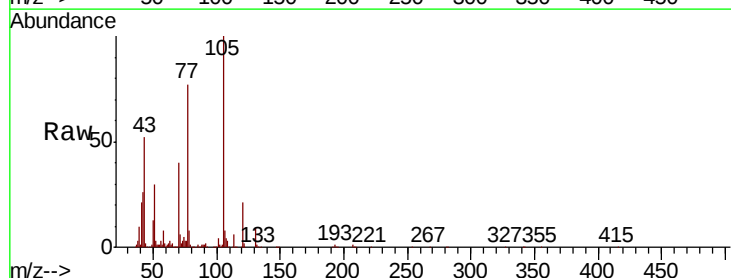
RT: 7.41 min Scan# 863

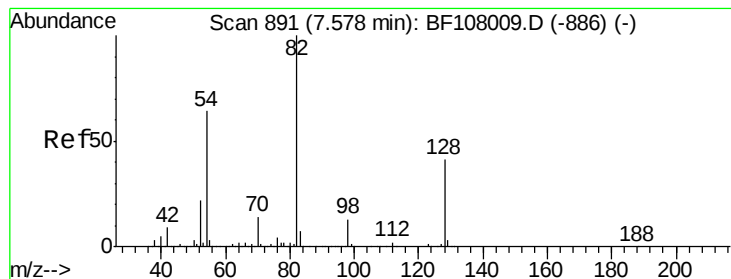
Delta R.T. -0.00 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

Tgt Ion:105	Resp:	515277
Ion Ratio	Lower	Upper
105	100	
71	6.4	4.4 6.6
51	30.1	22.3 33.5
120	21.3	16.9 25.3





#23

Nitrobenzene-d5

Concen: 73.909 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

Instrument :

BNA_M

ClientSampled :

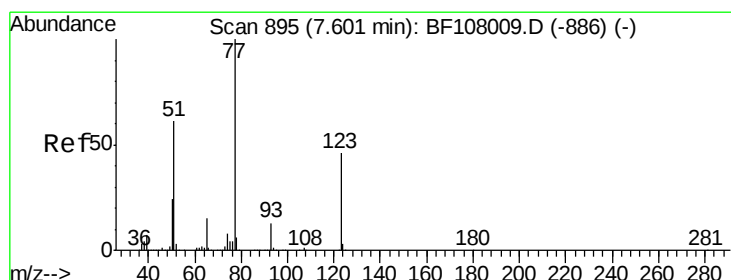
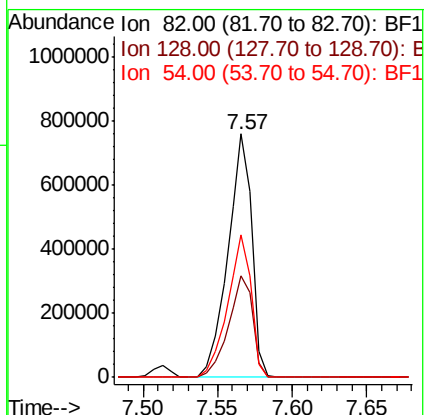
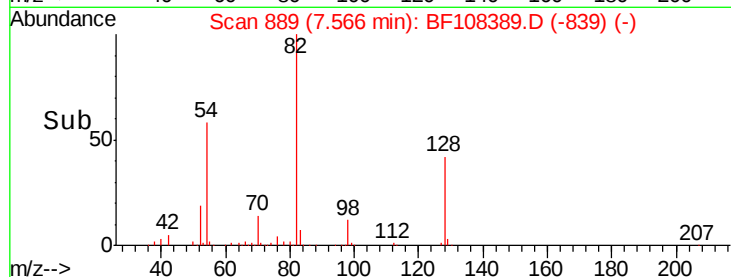
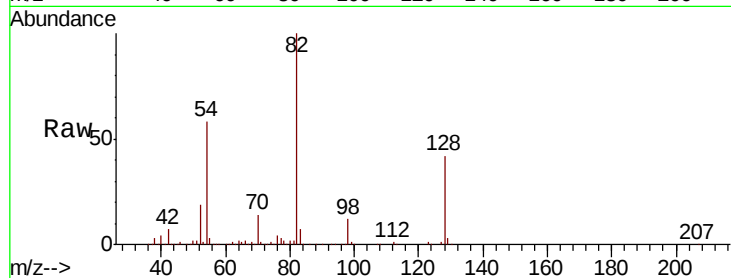
Tot Ion: 82 Resp: 854263

Ion Ratio Lower Upper

82 100

128 41.6 36.1 54.1

54 58.4 41.4 62.2



#24

Nitrobenzene

Concen: 34.259 ng

RT: 7.58 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

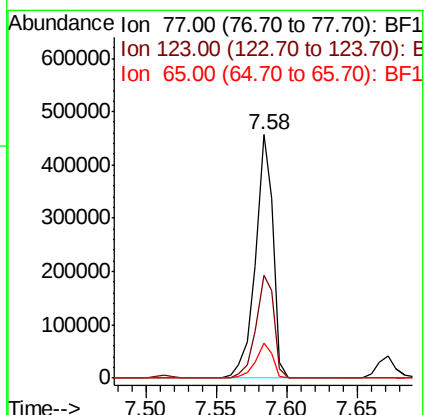
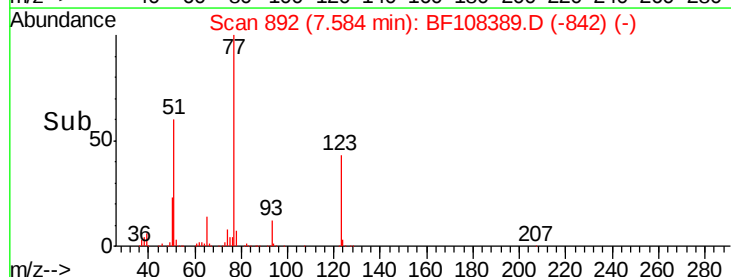
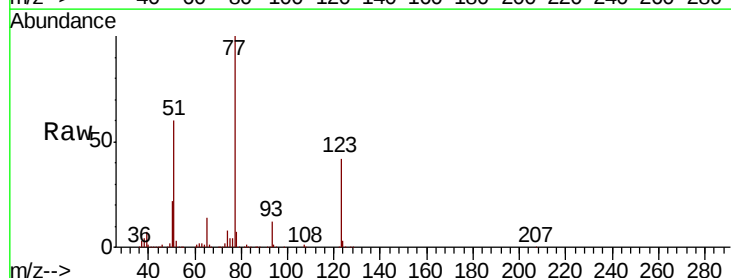
Tgt Ion: 77 Resp: 400413

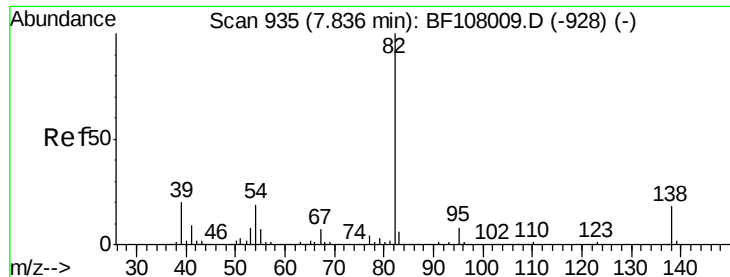
Ion Ratio Lower Upper

77 100

123 42.2 37.9 56.9

65 14.1 11.0 16.4





#25

Isophorone

Concen: 33.538 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

Instrument :

BNA_M

ClientSampleId :

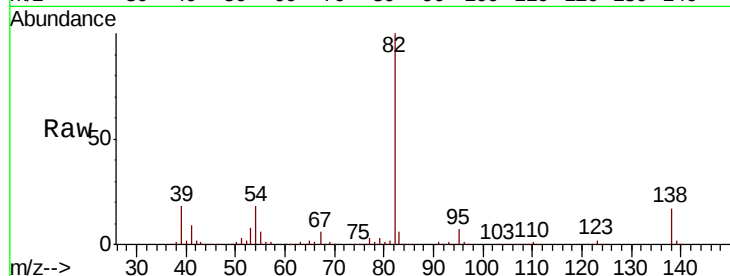
Tot Ion: 82 Resp: 738856

Ion Ratio Lower Upper

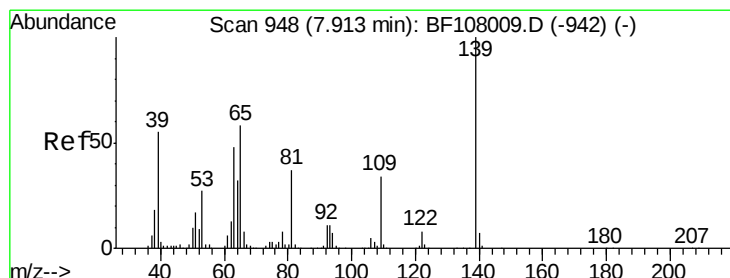
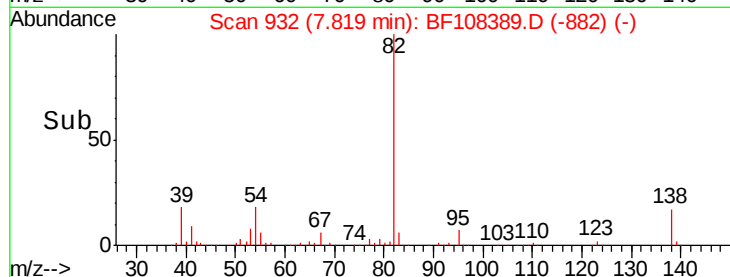
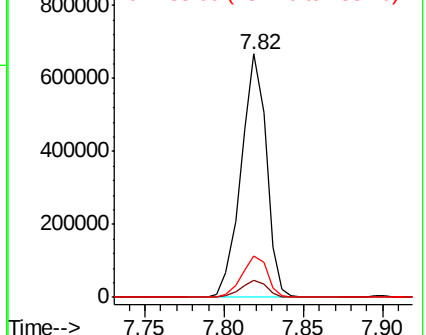
82 100

95 7.2 5.2 7.8

138 17.1 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.704 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

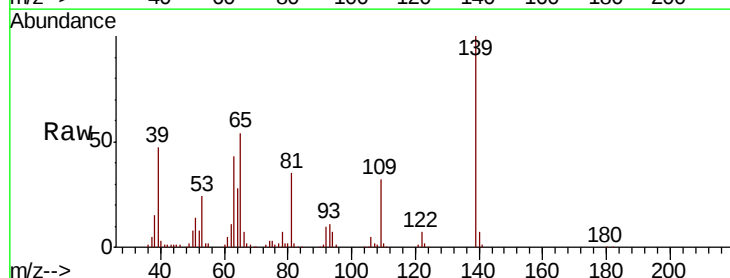
Tgt Ion: 139 Resp: 179663

Ion Ratio Lower Upper

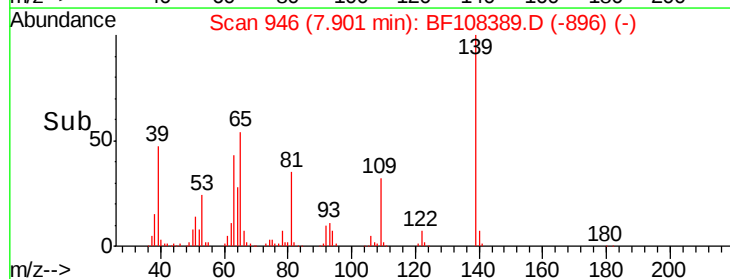
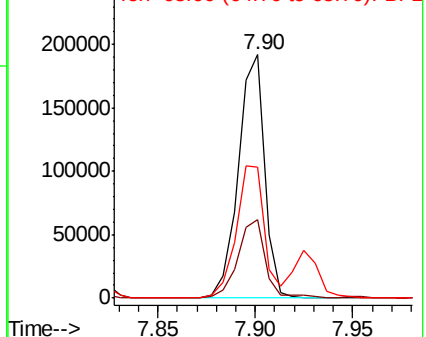
139 100

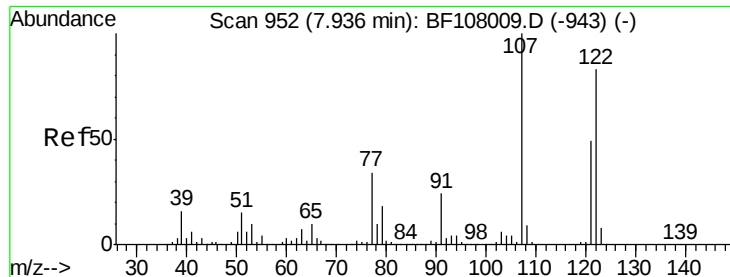
109 32.0 22.7 34.1

65 53.8 40.5 60.7



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

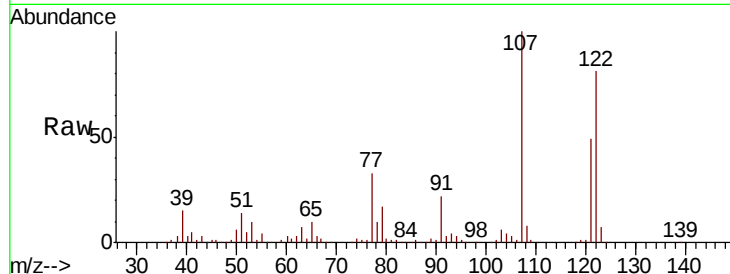




#27
 2,4-Dimethylphenol
 Concen: 34.441 ng
 RT: 7.92 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF108389.D
 Acq: 22 Aug 2018 18:00

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.1	91.2	136.8
121	60.8	47.2	70.8

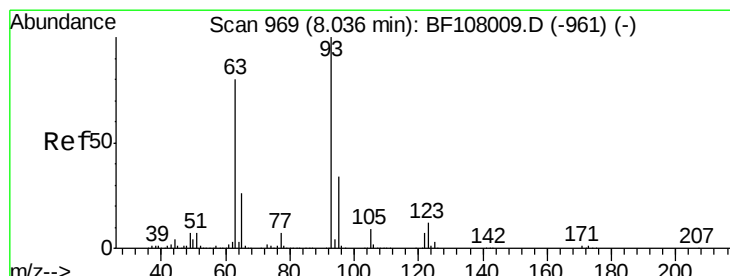
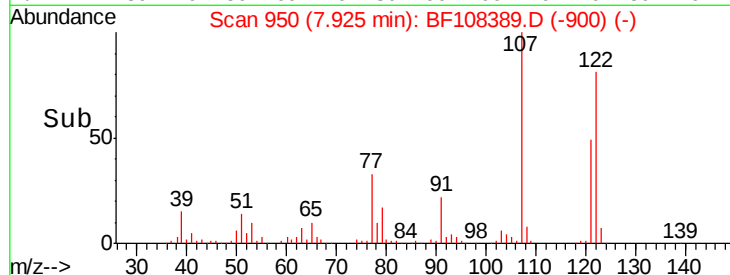
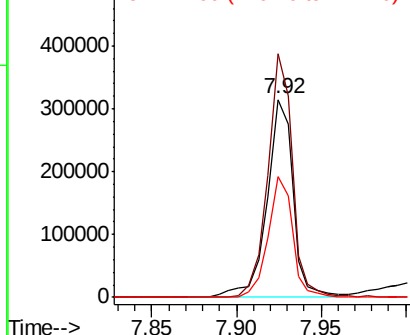


Abundance

Ion 122.00 (121.70 to 122.70): E

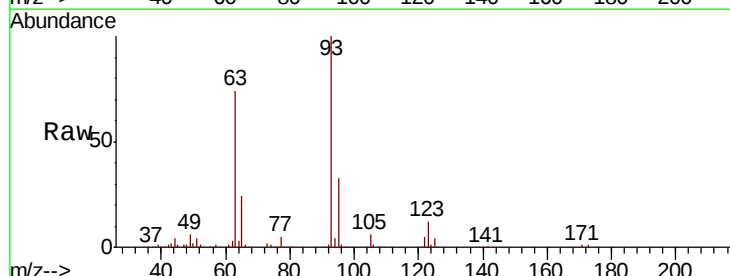
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.833 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF108389.D
 Acq: 22 Aug 2018 18:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	11.5	9.8	14.6

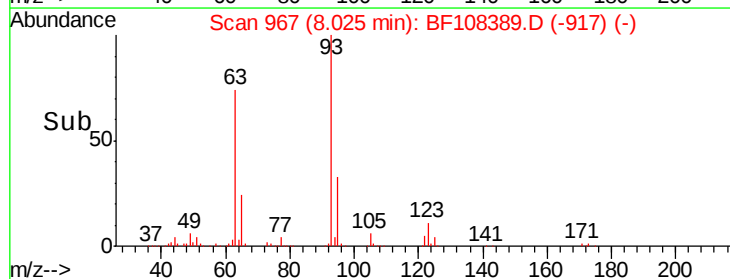
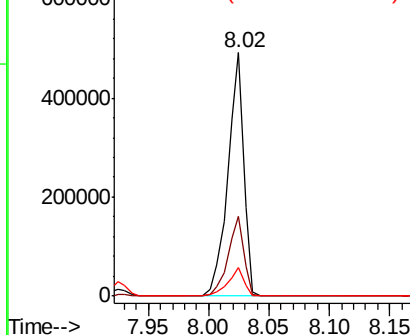


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

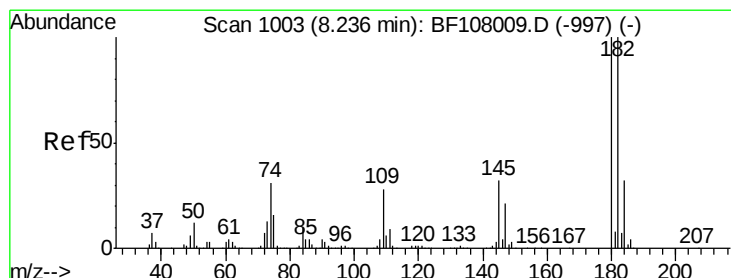
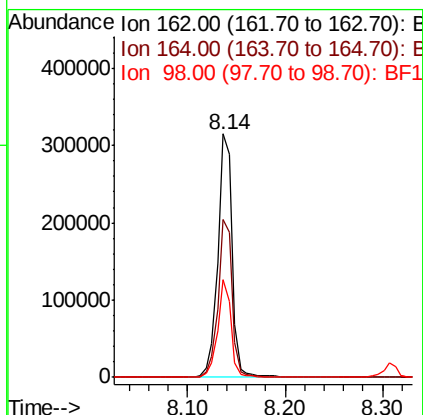
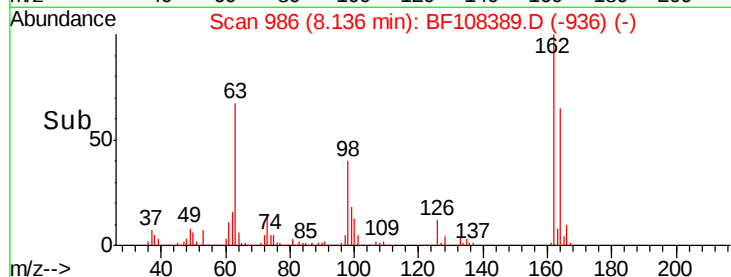
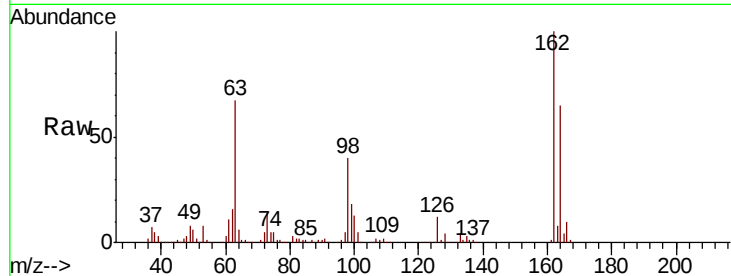




#29
2,4-Dichlorophenol
Concen: 35.739 ng
RT: 8.14 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

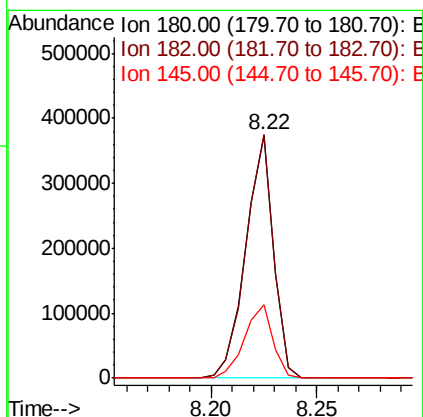
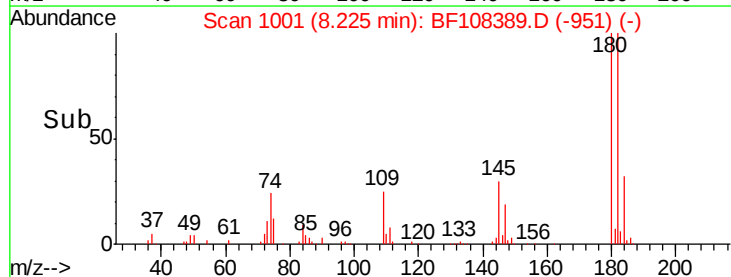
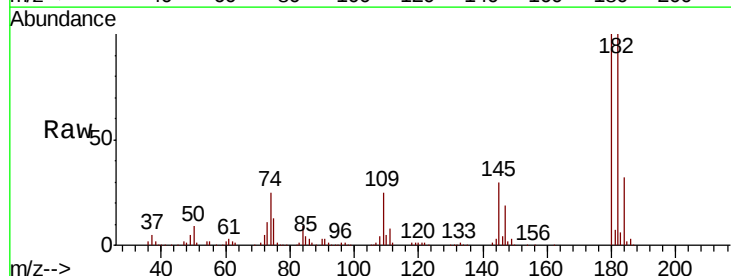
Instrument :
BNA_M
ClientSampleId :

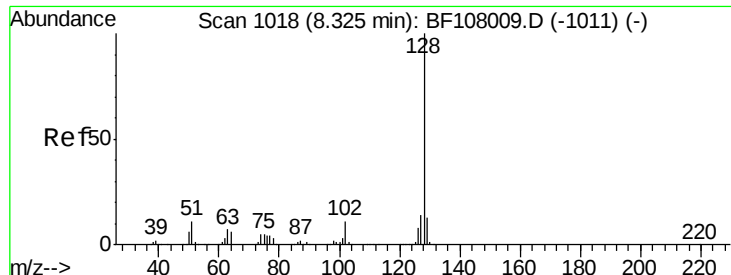
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.7	82.7
98	40.1	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 34.368 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.5	76.8	115.2
145	30.5	26.5	39.7

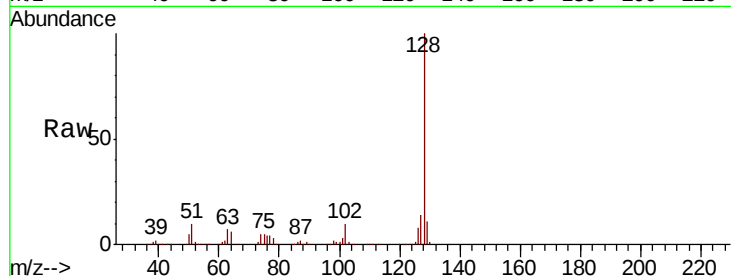




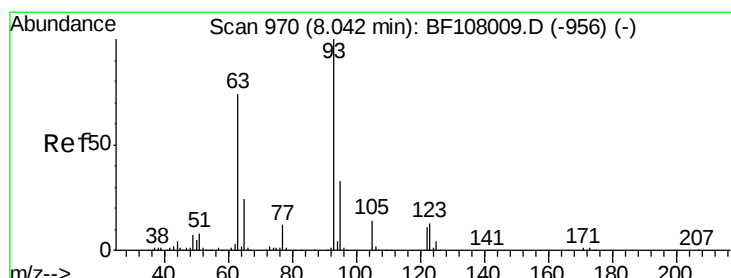
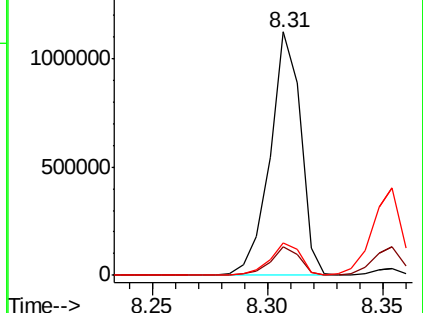
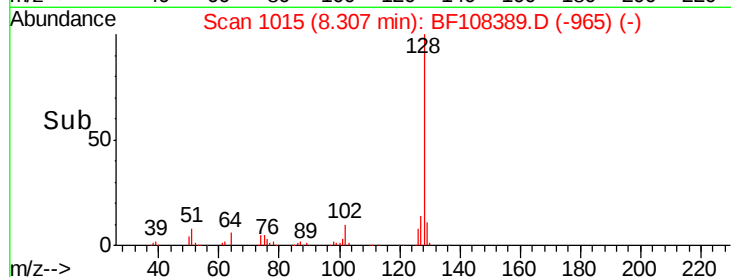
#31
Naphthalene
Concen: 35.121 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 1030182
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.6 10.9 16.3

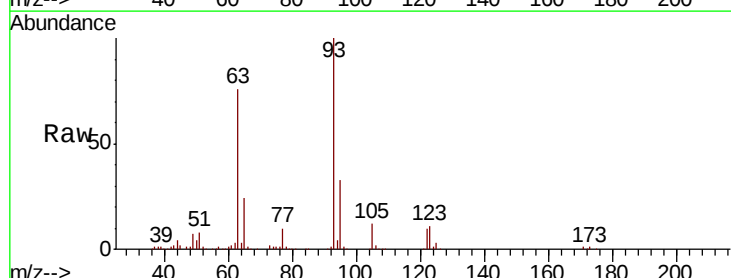


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

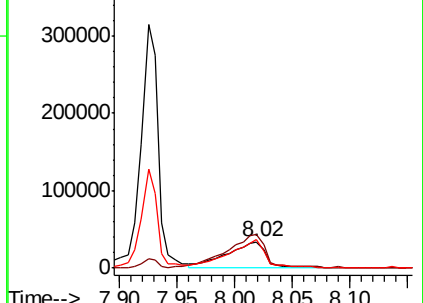
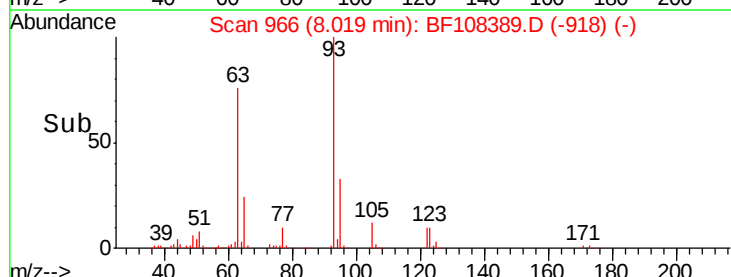


#32
Benzoic acid
Concen: 18.401 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Tgt Ion:122 Resp: 80532
Ion Ratio Lower Upper
122 100
105 129.4 101.1 141.1
77 107.2 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
400000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

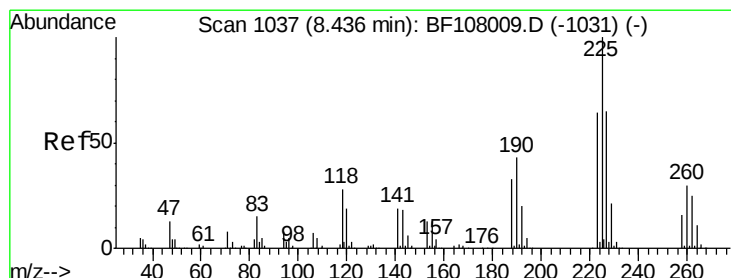
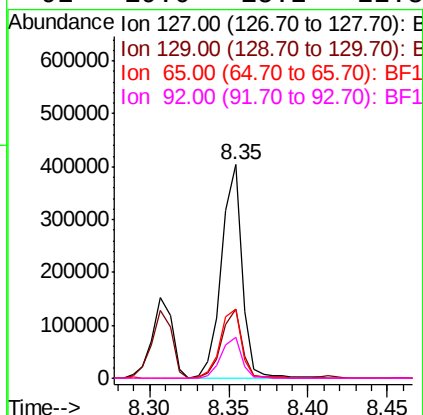
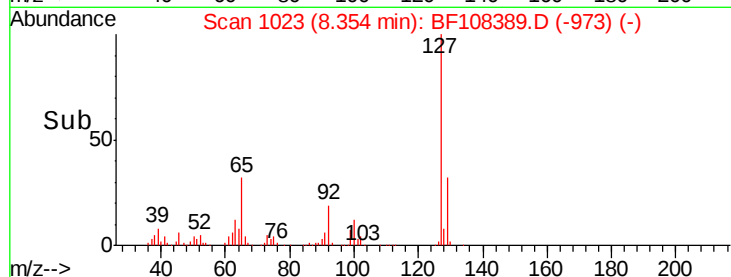
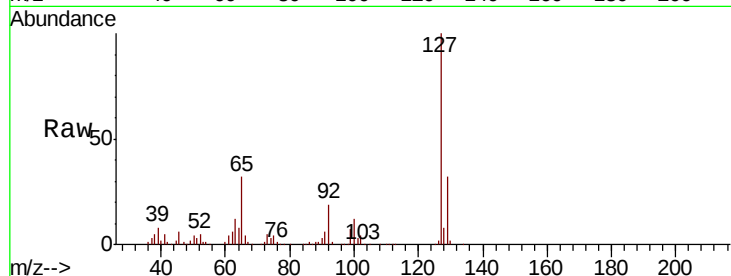




#33
4-Chloroaniline
Concen: 28.611 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

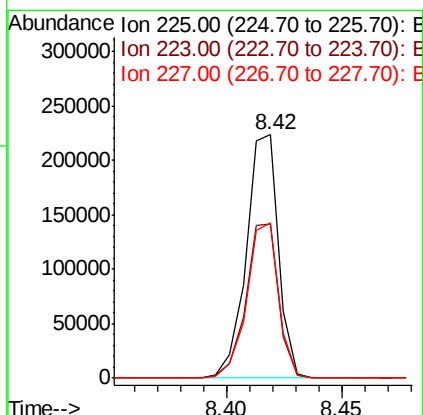
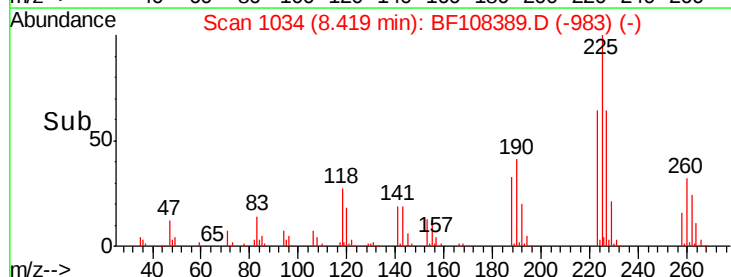
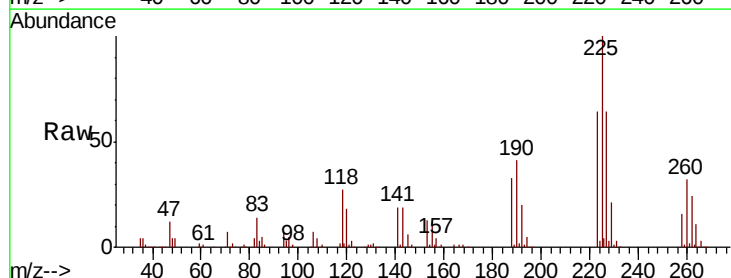
Instrument :
BNA_M
ClientSampleId :

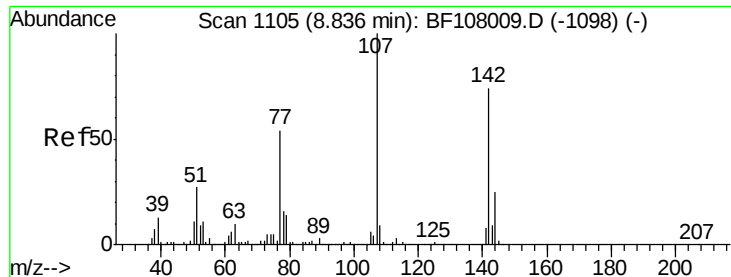
Tot Ion:	127	Resp:	365733
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	32.1	25.0	37.4
92	19.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 34.669 ng
RT: 8.42 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Tgt Ion:	225	Resp:	217738
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	63.8	51.9	77.9

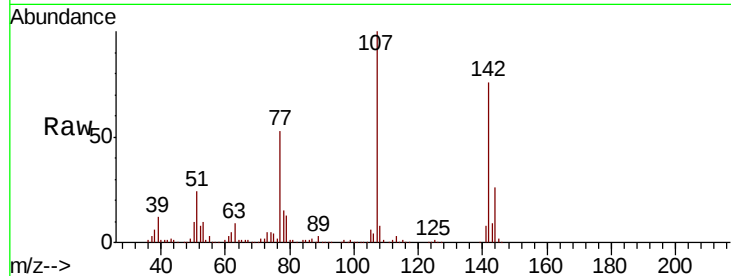




#36
 4-Chloro-3-methylphenol
 Concen: 34.381 ng
 RT: 8.83 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF108389.D
 Acq: 22 Aug 2018 18:00

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.5	30.7
142	75.9	62.0	93.0

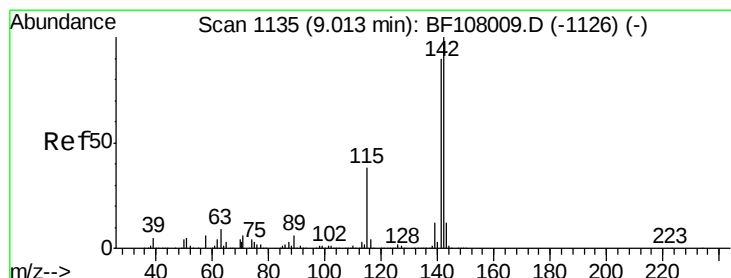
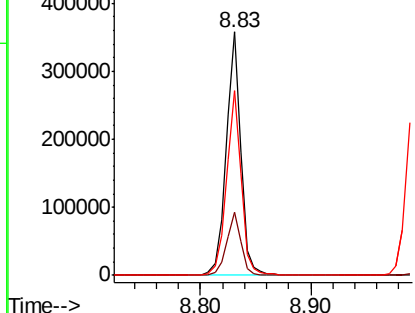
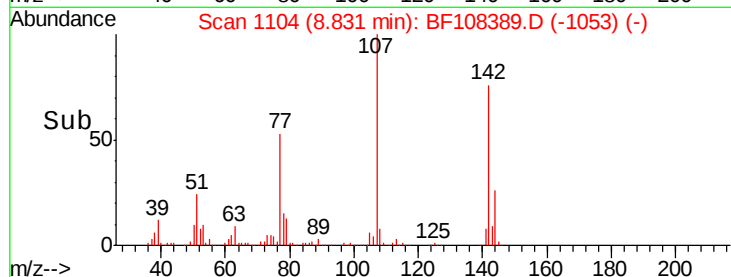


Abundance

Ion 107.00 (106.70 to 107.70): E

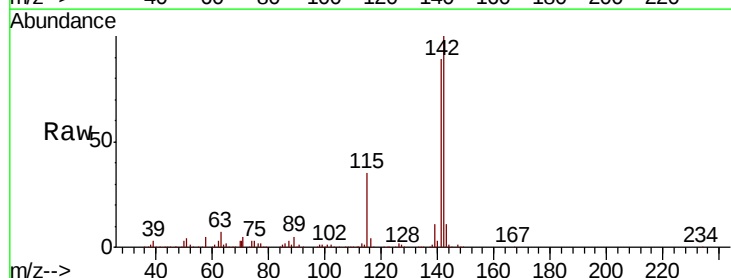
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 34.388 ng
 RT: 9.00 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF108389.D
 Acq: 22 Aug 2018 18:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	35.0	26.1	39.1

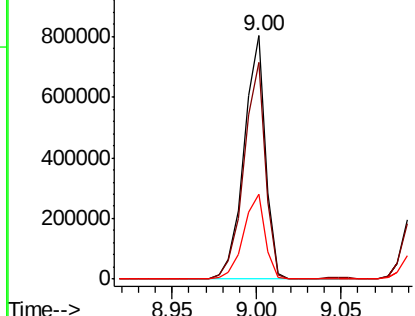
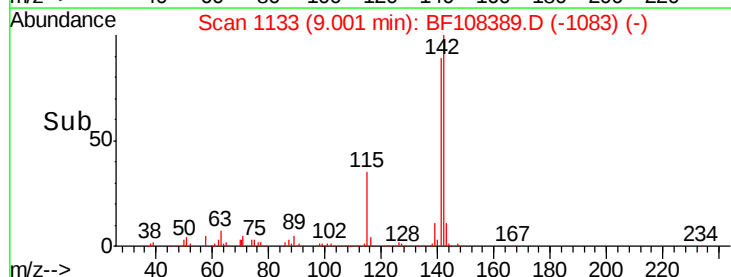


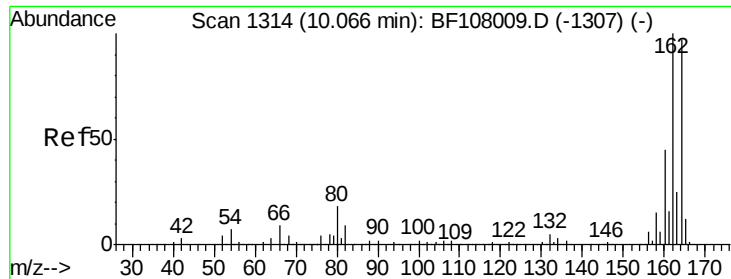
Abundance

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

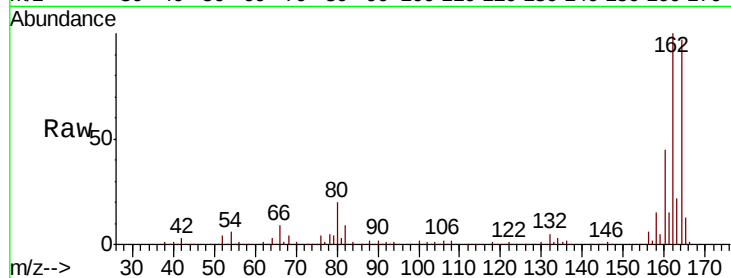




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108389.D
 Acq: 22 Aug 2018 18:00

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	46.6	38.3	57.5

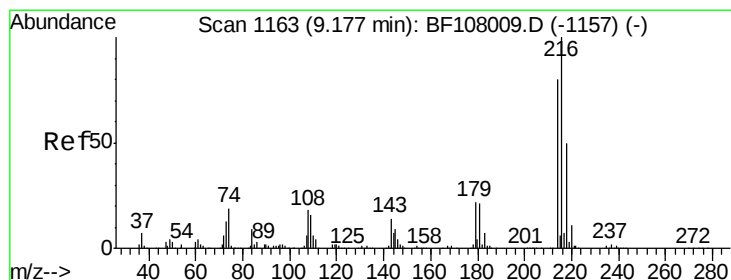
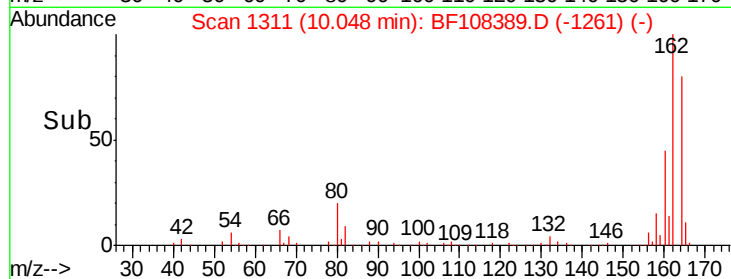
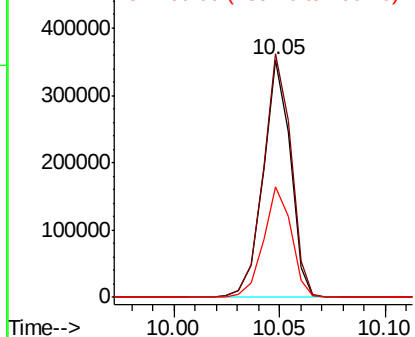


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.365 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108389.D
 Acq: 22 Aug 2018 18:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	20.5	18.1	27.1
108	18.5	17.2	25.8

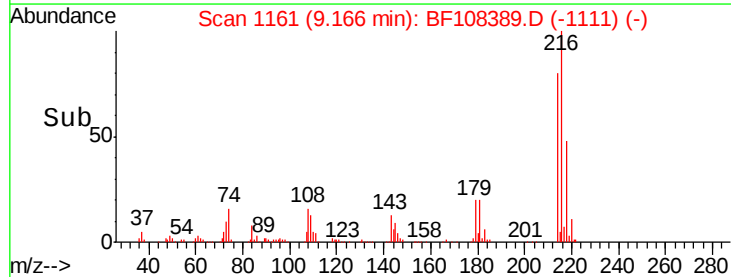
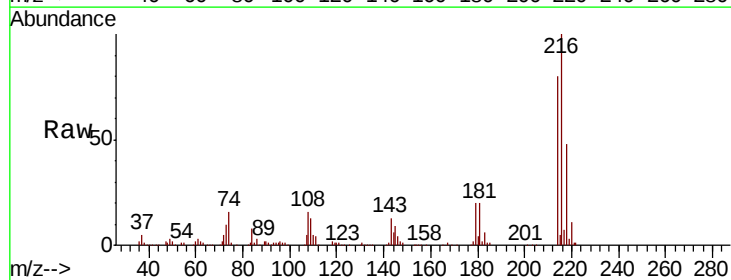
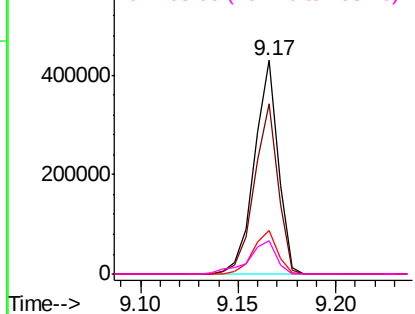
Abundance

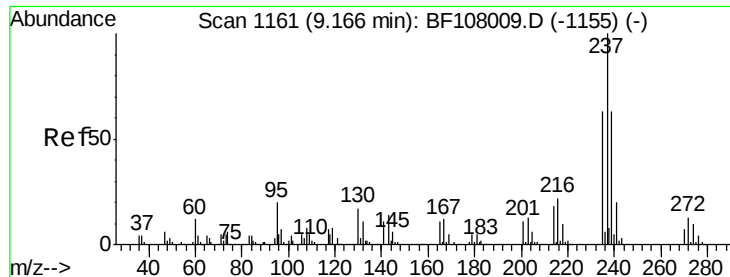
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

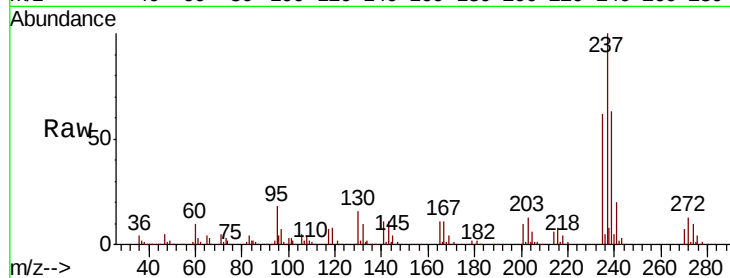




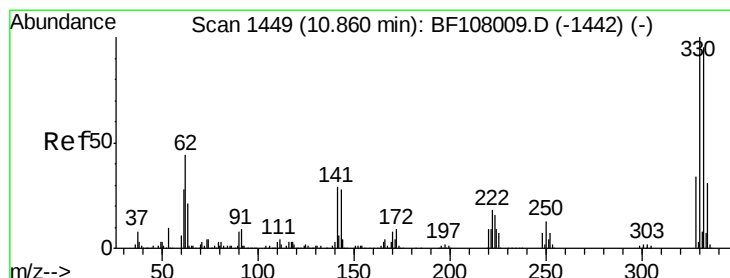
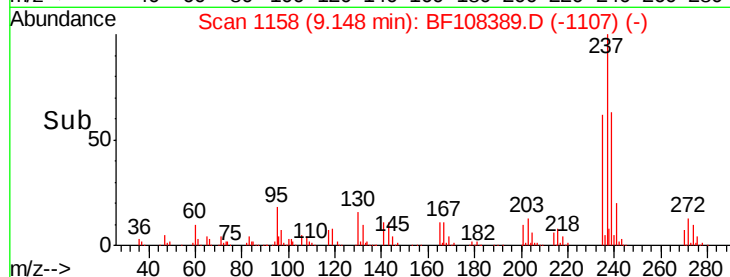
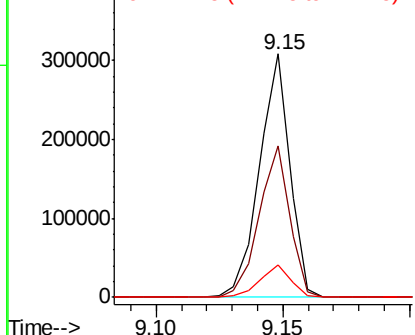
#40
Hexachlorocyclopentadiene
Concen: 41.342 ng
RT: 9.15 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:237 Resp: 259628
Ion Ratio Lower Upper
237 100
235 62.1 44.8 84.8
272 13.2 0.0 33.3

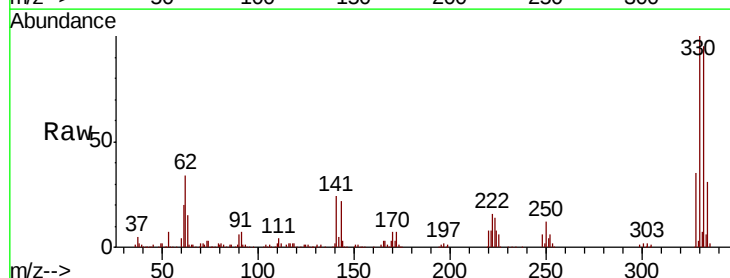


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

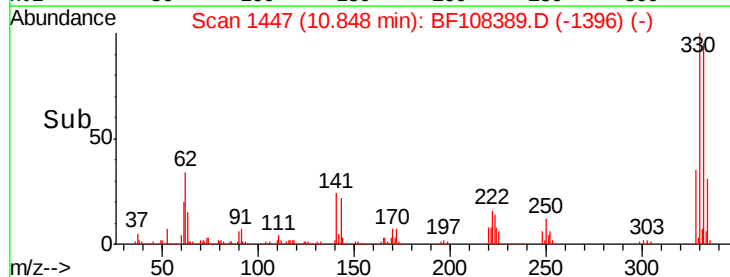
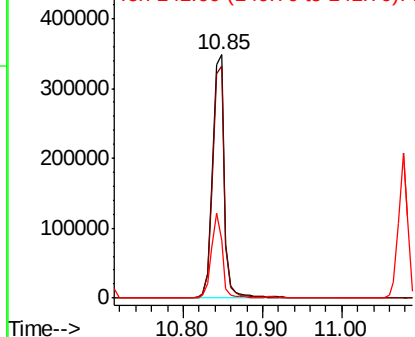


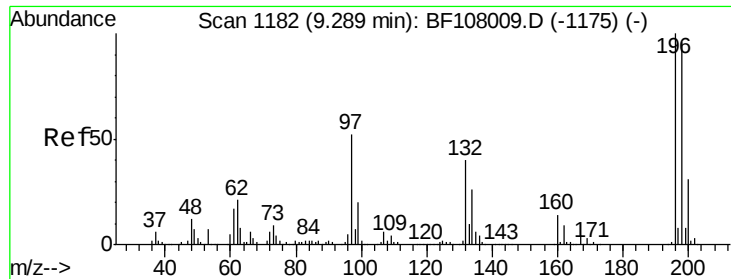
#41
2,4,6-Tribromophenol
Concen: 113.581 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Tgt Ion:330 Resp: 358696
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 32.0 29.9 44.9



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

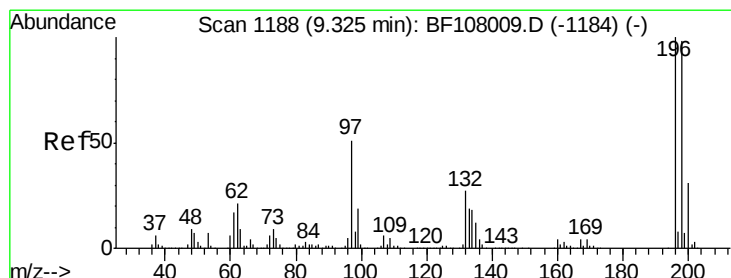
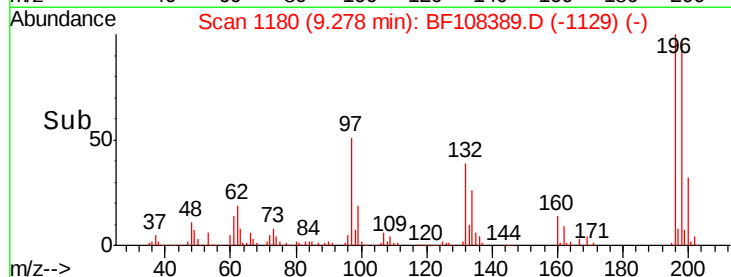
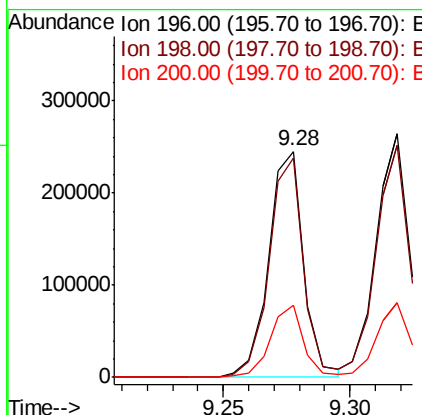
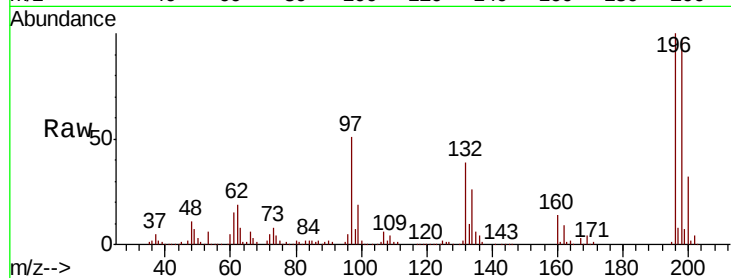




#42
 2,4,6-Trichlorophenol
 Concen: 39.179 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108389.D
 Acq: 22 Aug 2018 18:00

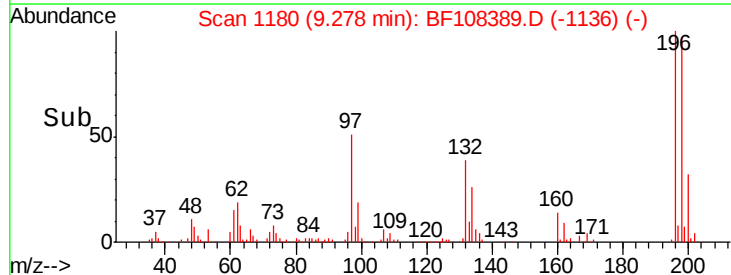
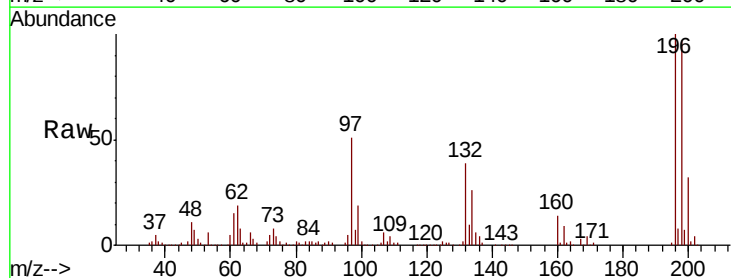
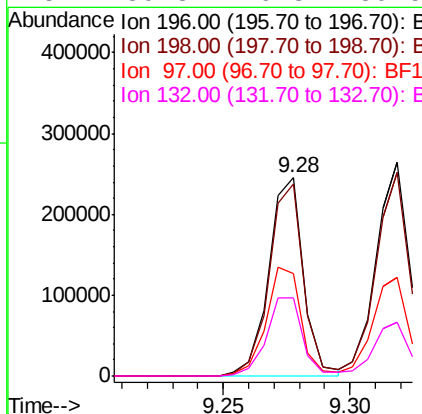
Instrument :
 BNA_M
 ClientSampleId :

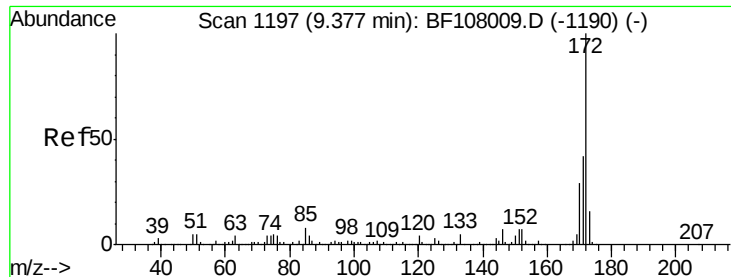
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	75.7	113.5
200	32.0	24.5	36.7



#43
 2,4,5-Trichlorophenol
 Concen: 35.591 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF108389.D
 Acq: 22 Aug 2018 18:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	74.6	112.0
97	51.4	42.9	64.3
132	39.3	26.3	39.5



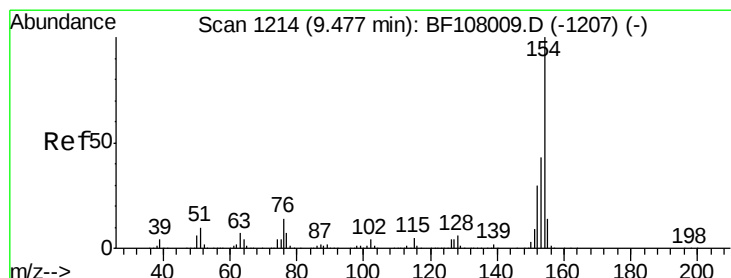
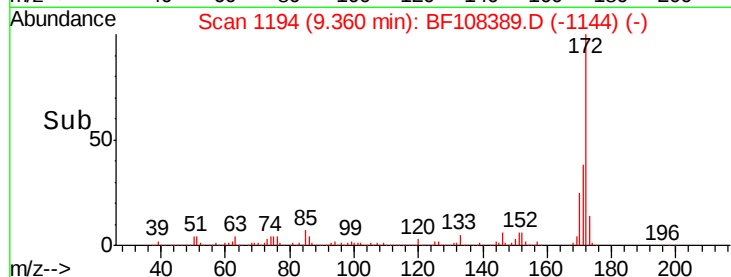
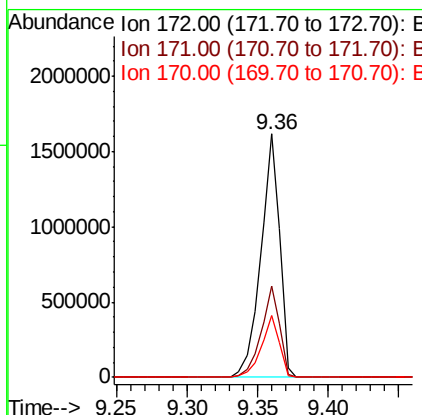
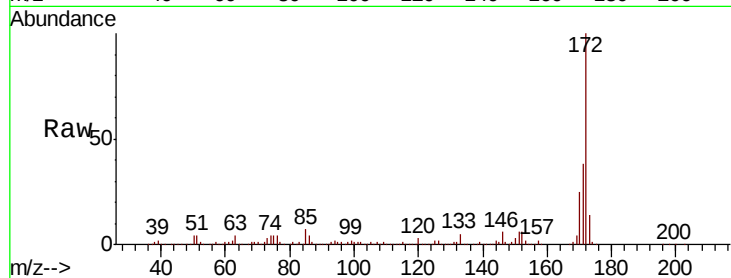


#44
 2-Fluorobiphenyl
 Concen: 77.326 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108389.D
 Acq: 22 Aug 2018 18:00

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 1524907

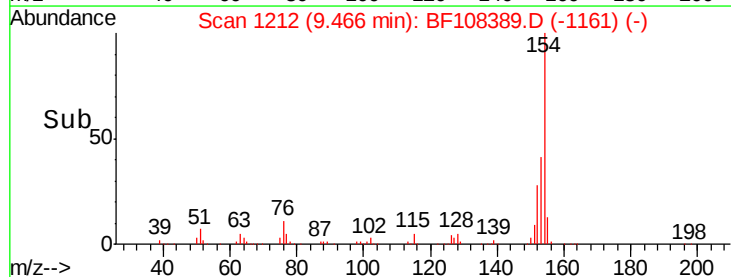
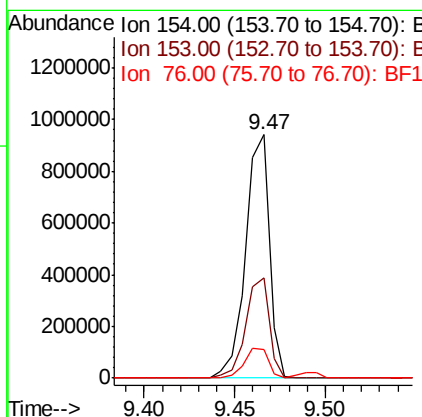
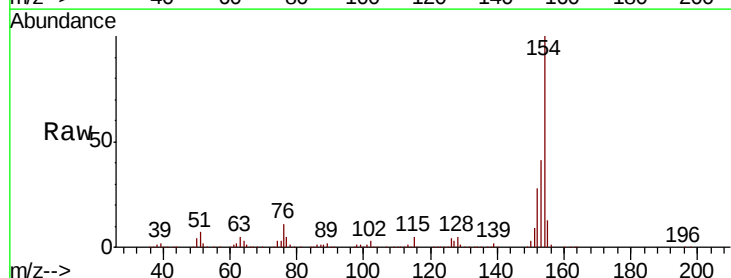
Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.5	19.6	29.4

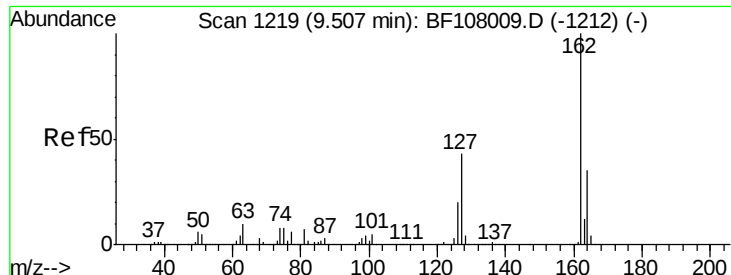


#45
 1,1'-Biphenyl
 Concen: 36.686 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF108389.D
 Acq: 22 Aug 2018 18:00

Tgt Ion:154 Resp: 856369

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	11.5	0.0	34.0

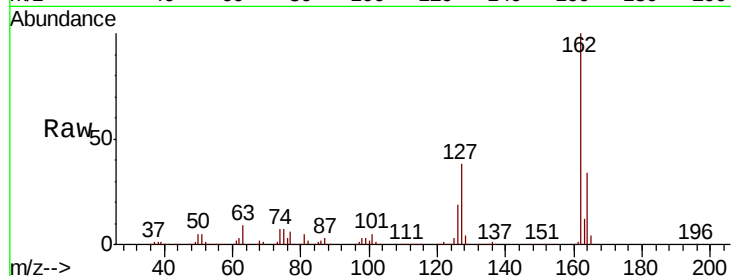




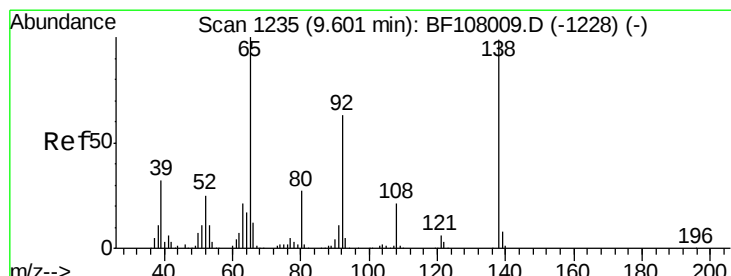
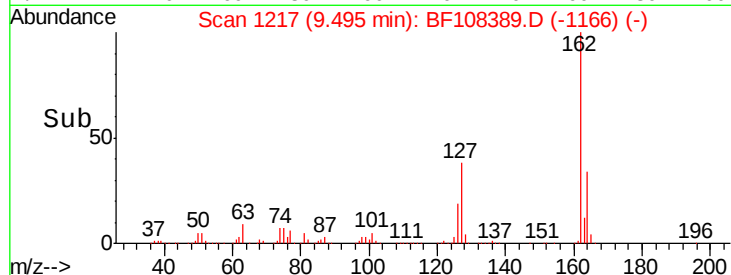
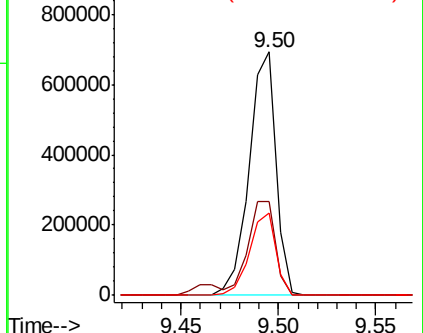
#46
2-Chloronaphthalene
Concen: 35.744 ng
RT: 9.50 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	33.9	50.9
164	33.7	26.5	39.7

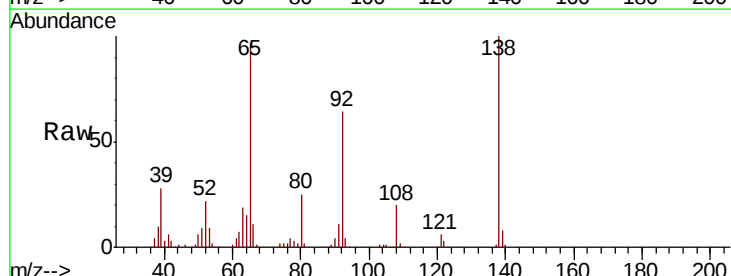


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

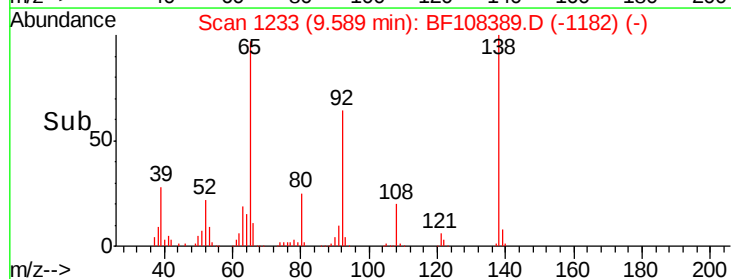
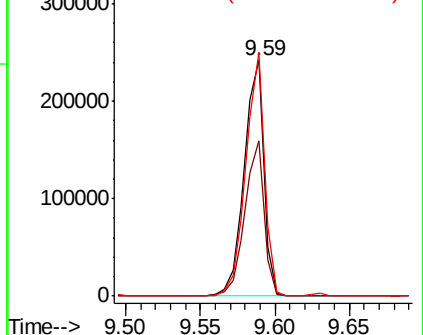


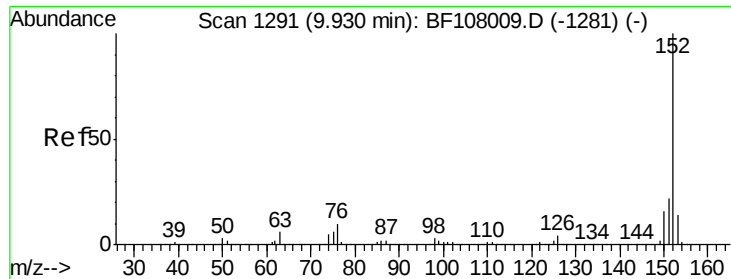
#47
2-Nitroaniline
Concen: 37.102 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	55.8	83.6
138	103.2	91.2	136.8



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





#48

Acenaphthylene

Concen: 35.873 ng

RT: 9.91 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

Instrument :

BNA_M

ClientSampleId :

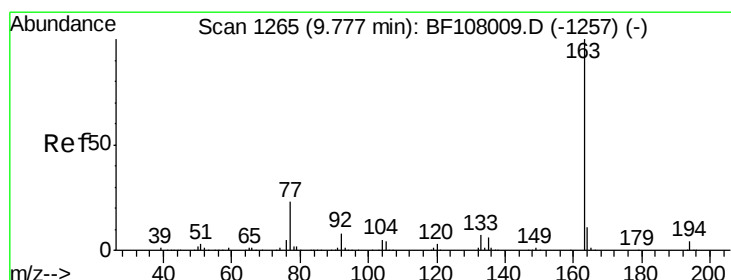
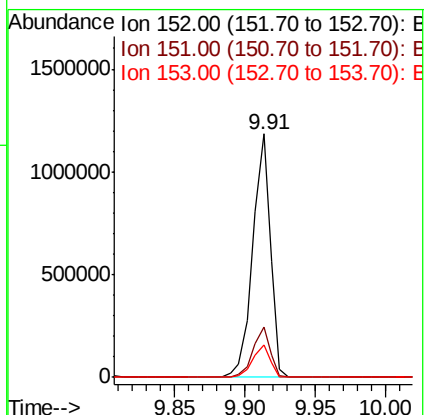
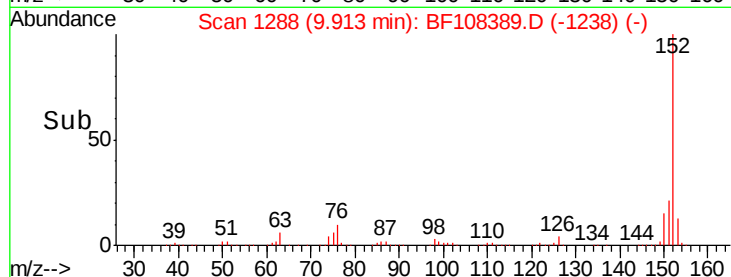
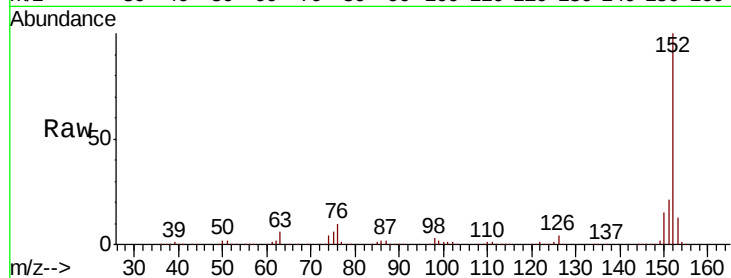
Tot Ion:152 Resp: 1046347

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

153 13.3 10.7 16.1



#49

Dimethylphthalate

Concen: 44.119 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

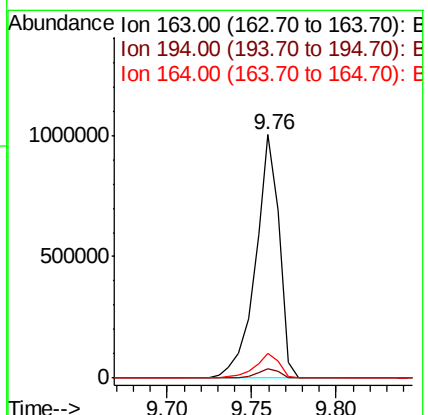
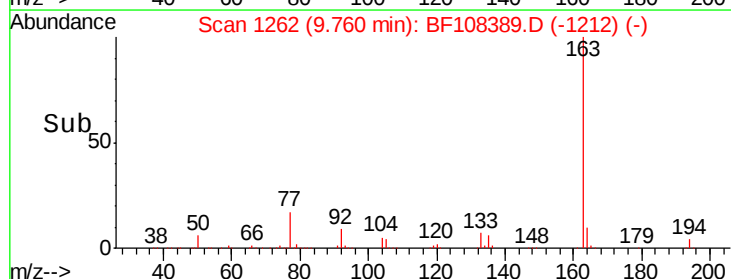
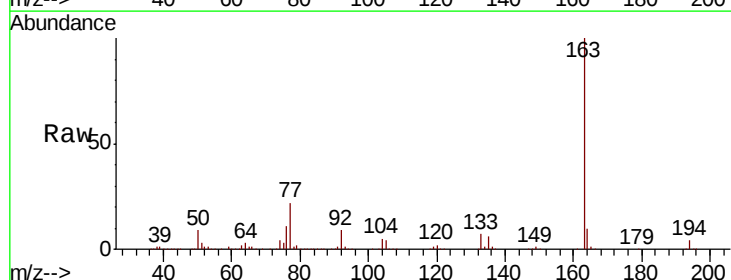
Tgt Ion:163 Resp: 973008

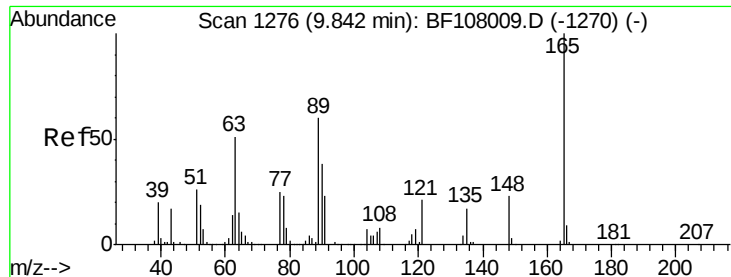
Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

164 10.3 8.2 12.2

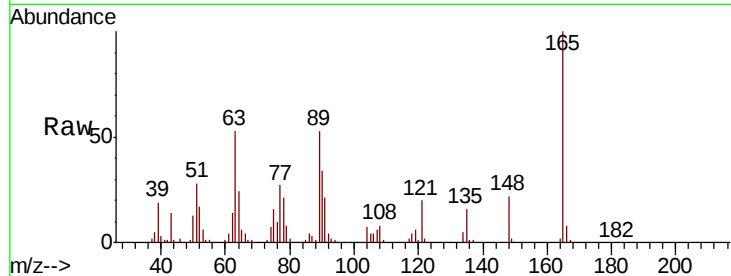




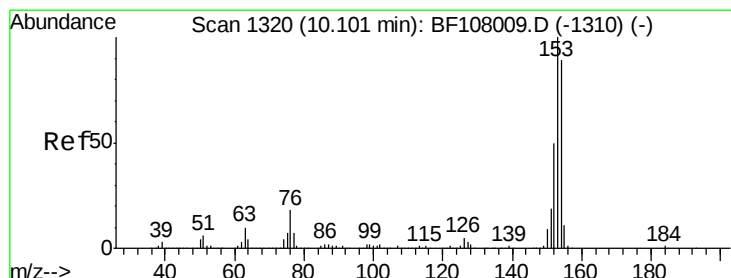
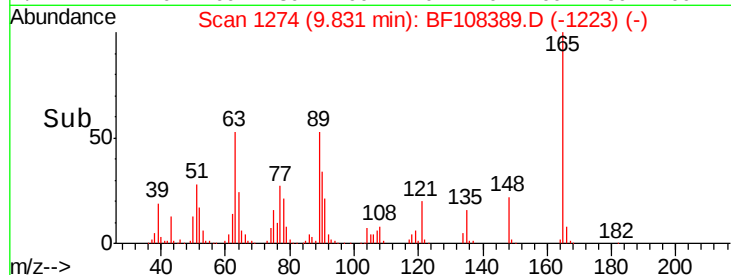
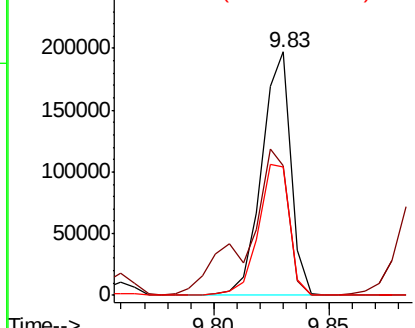
#50
2,6-Dinitrotoluene
Concen: 37.591 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Instrument :
BNA_M
ClientSampled :

Tot Ion:165 Resp: 173452
Ion Ratio Lower Upper
165 100
63 53.3 44.7 67.1
89 52.5 44.0 66.0

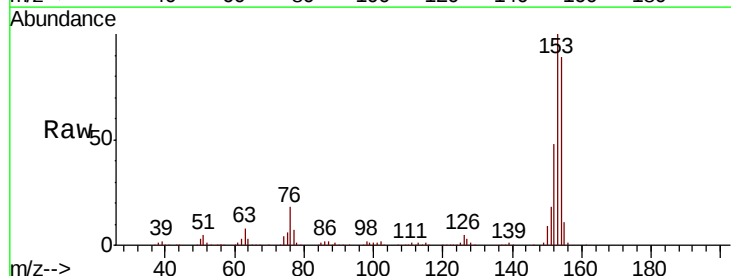


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

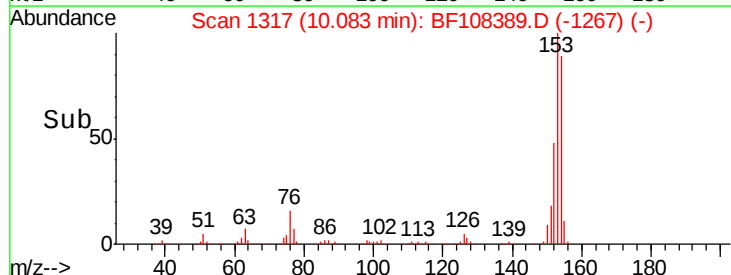
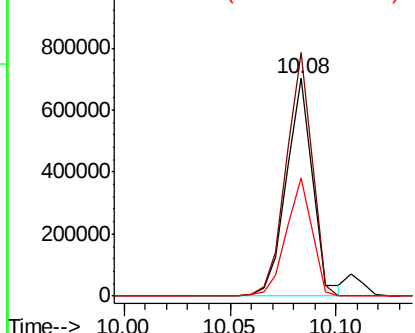


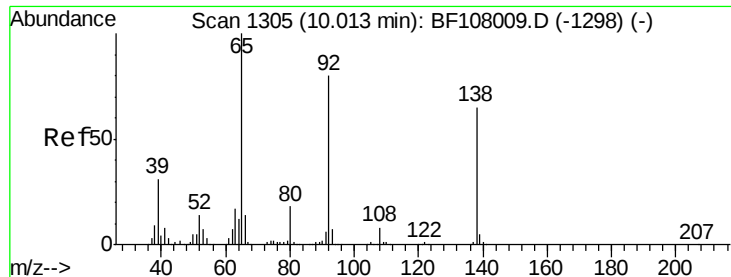
#51
Acenaphthene
Concen: 34.537 ng
RT: 10.08 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Tgt Ion:154 Resp: 617005
Ion Ratio Lower Upper
154 100
153 111.8 91.2 136.8
152 54.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

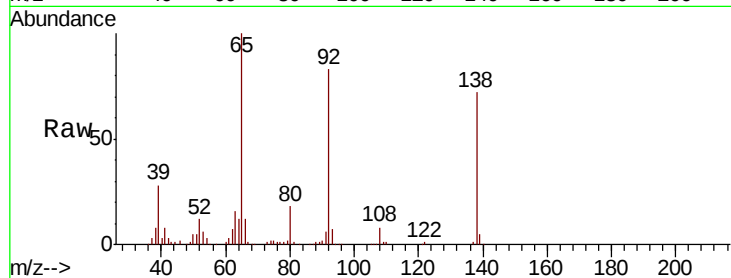




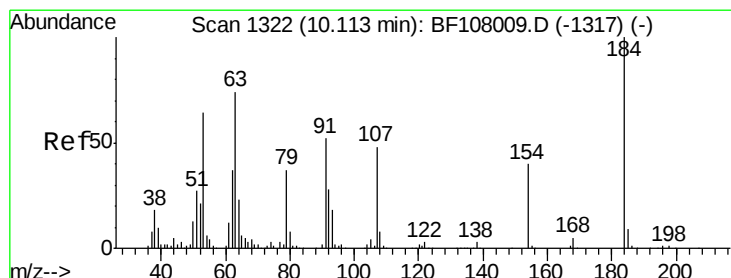
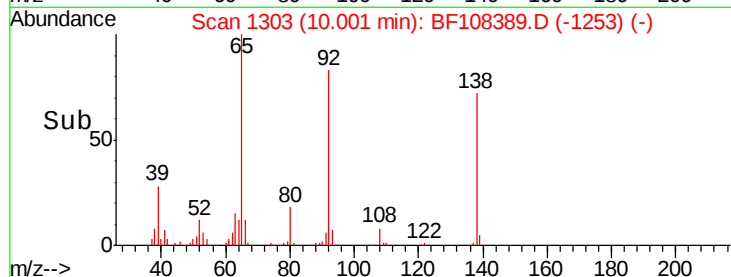
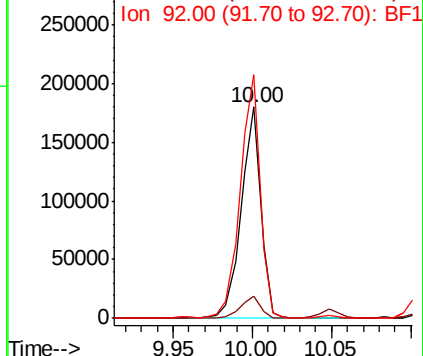
#52
3-Nitroaniline
Concen: 30.670 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Instrument :
BNA_M
ClientSampled :

Tot Ion:138 Resp: 154839
Ion Ratio Lower Upper
138 100
108 10.8 9.4 14.0
92 115.3 89.4 134.2

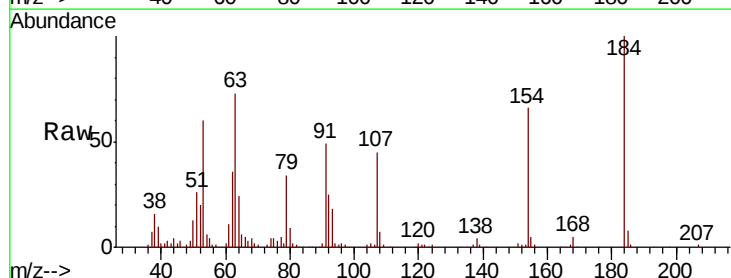


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

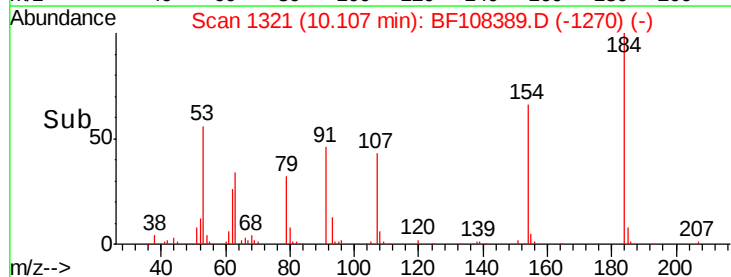
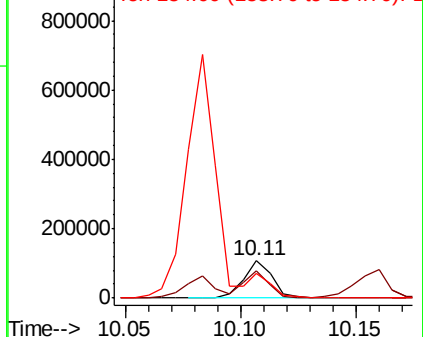


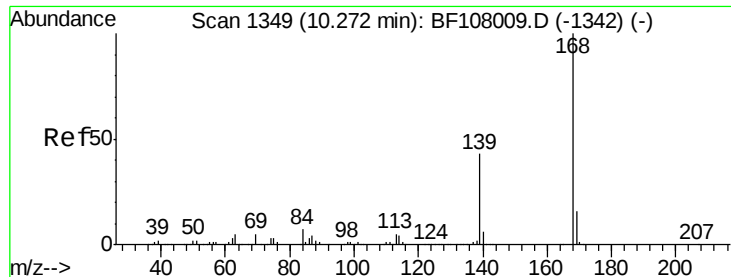
#53
2,4-Dinitrophenol
Concen: 56.573 ng
RT: 10.11 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Tgt Ion:184 Resp: 93800
Ion Ratio Lower Upper
184 100
63 73.1 54.2 81.2
154 66.3 184.0 276.0#



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

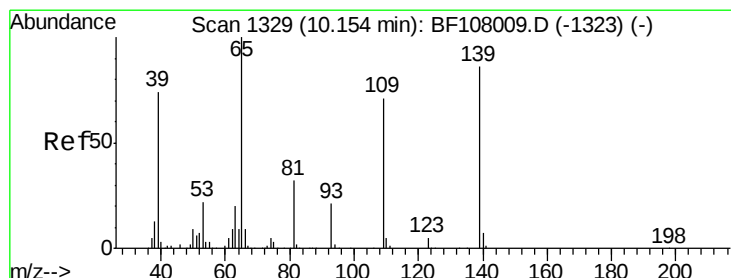
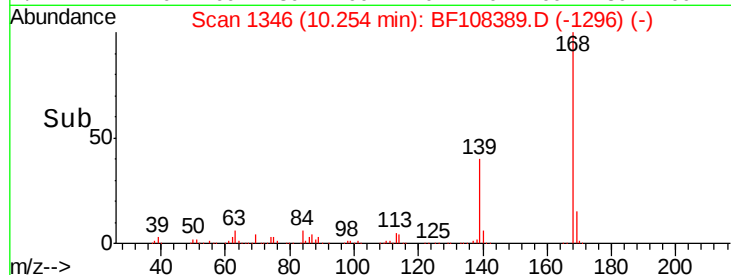
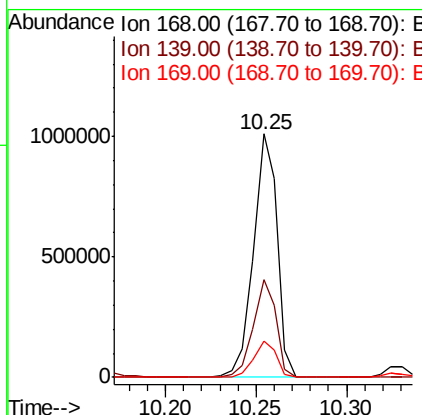
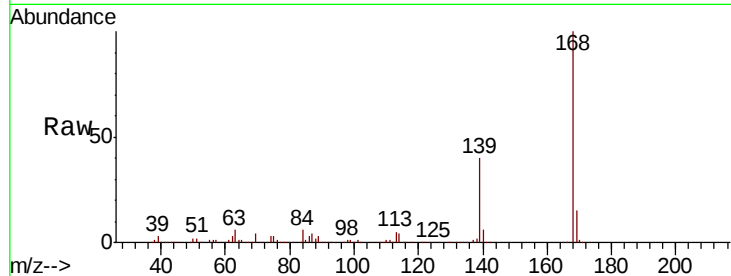




#54
Dibenzenofuran
Concen: 35.222 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

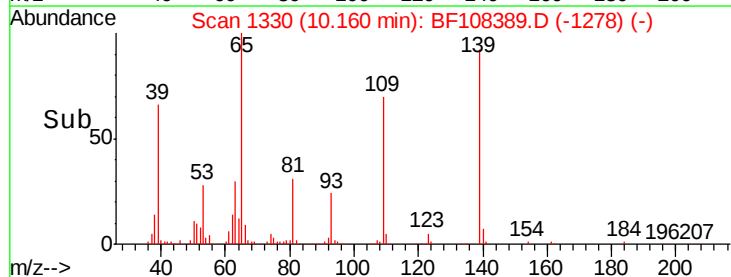
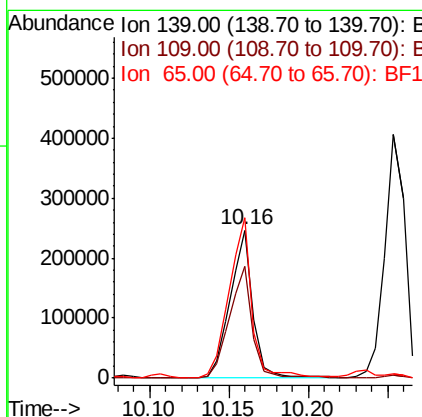
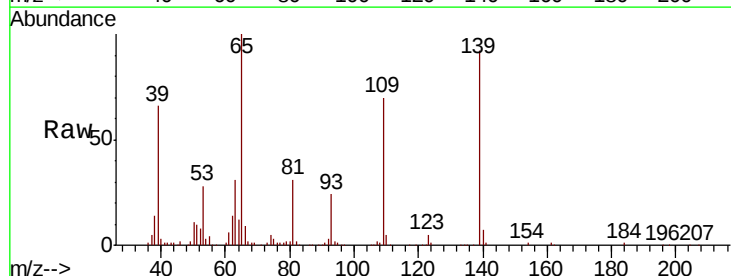
Instrument :
BNA_M
ClientSampled :

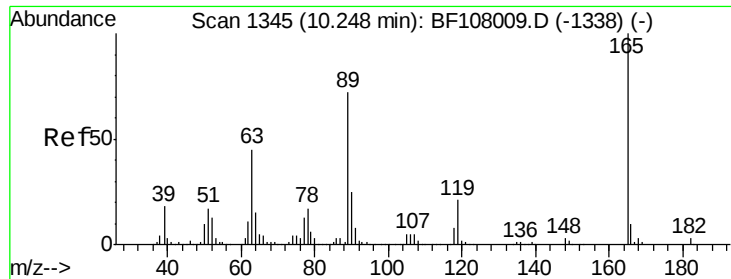
Tot Ion:168 Resp: 911638
Ion Ratio Lower Upper
168 100
139 40.2 30.1 45.1
169 14.8 10.9 16.3



#55
4-Nitrophenol
Concen: 64.327 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Tgt Ion:139 Resp: 245919
Ion Ratio Lower Upper
139 100
109 75.7 48.4 88.4
65 108.3 72.6 112.6

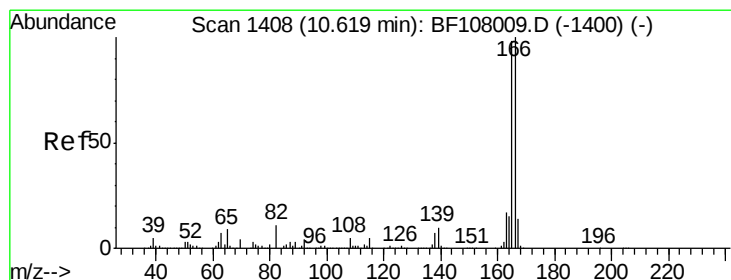
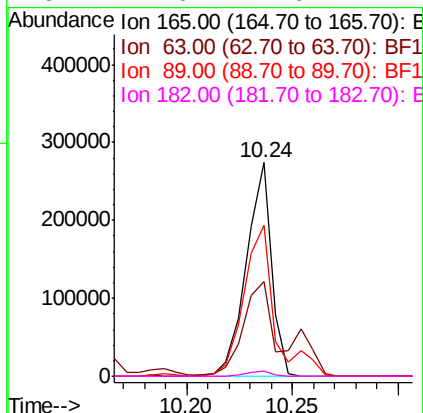
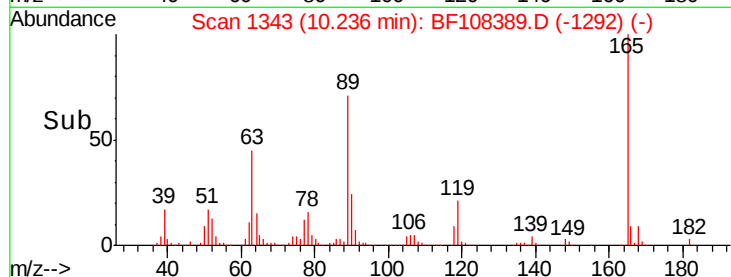
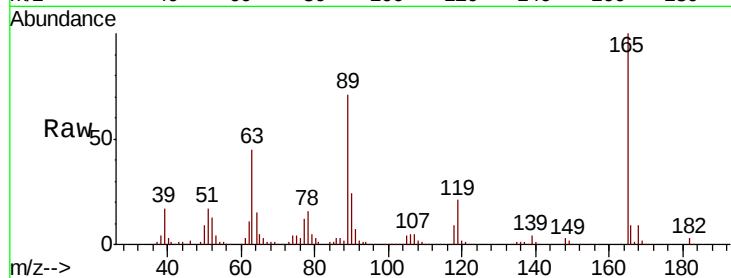




#56
2,4-Dinitrotoluene
Concen: 38.399 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

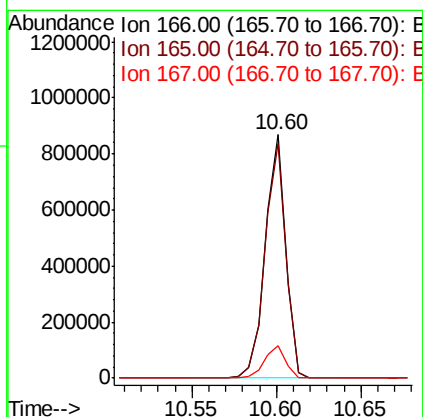
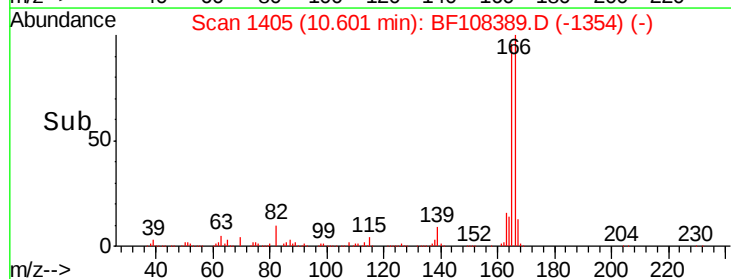
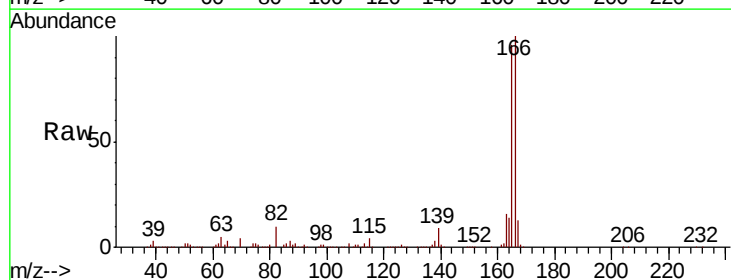
Instrument :
BNA_M
ClientSampleId :

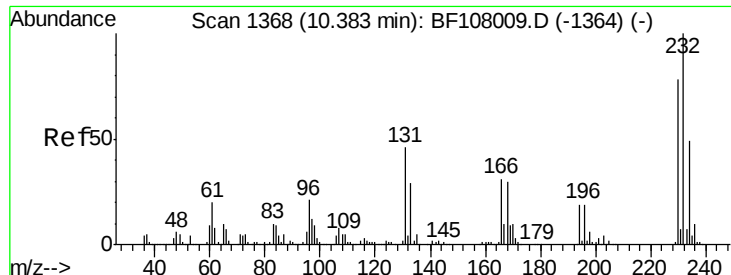
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.5	36.4	54.6
89	70.6	57.8	86.6
182	2.6	1.6	2.4



#57
Fluorene
Concen: 35.494 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.4	79.8	119.8
167	13.3	10.6	16.0

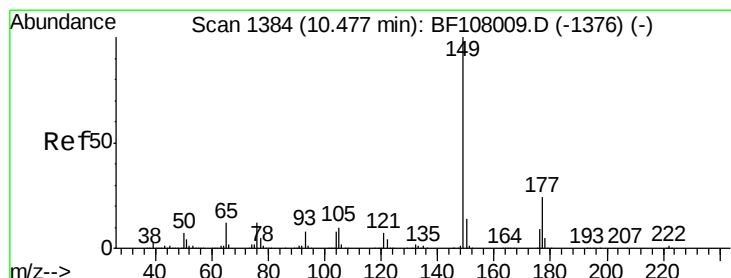
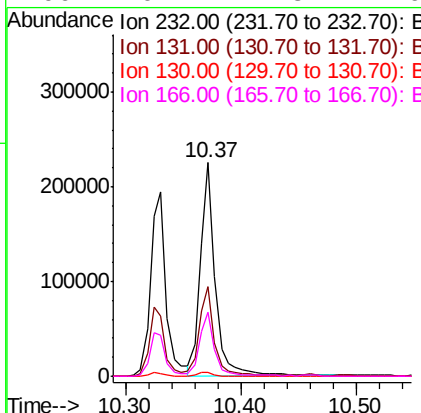
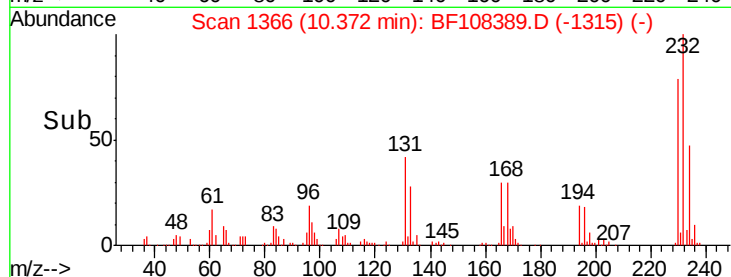
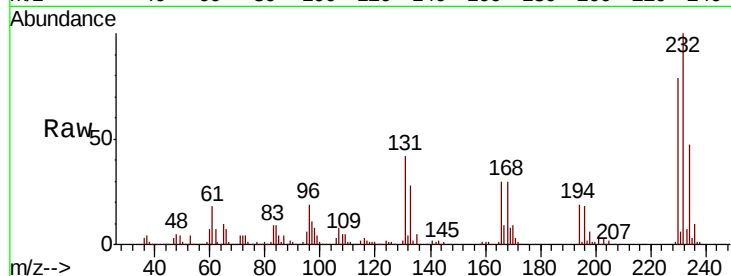




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.056 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108389.D
 Acq: 22 Aug 2018 18:00

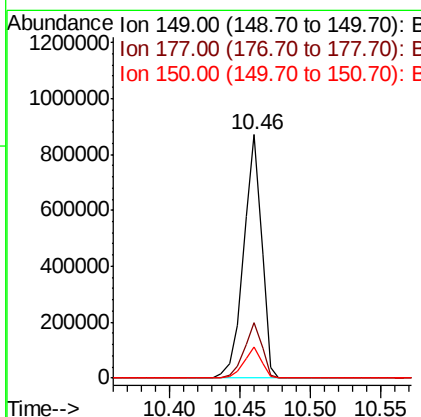
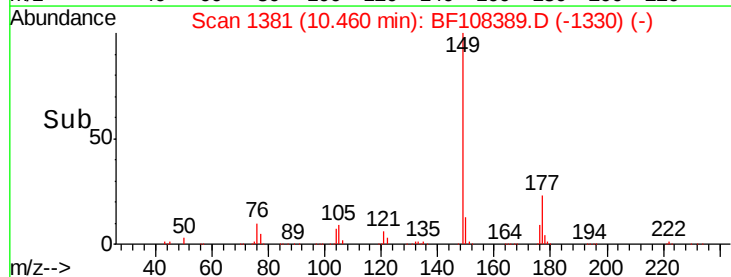
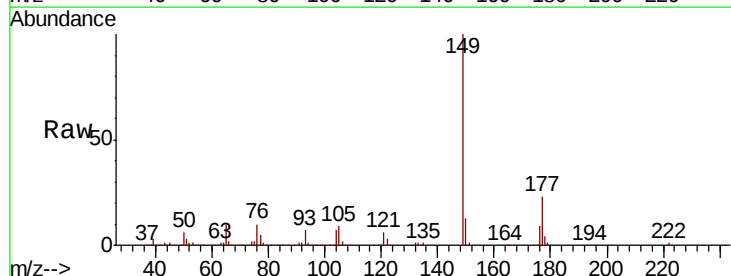
Instrument :
 BNA_M
 ClientSampleId :

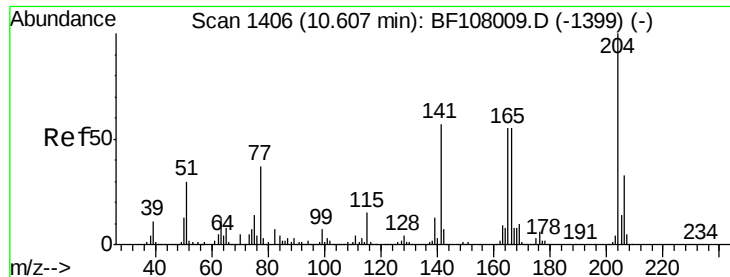
Tot Ion:	232	Resp:	205710
Ion	Ratio	Lower	Upper
232	100		
131	42.0	43.8	65.8#
130	2.1	2.1	3.1#
166	29.7	27.8	41.6



#59
 Diethylphthalate
 Concen: 36.226 ng
 RT: 10.46 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BF108389.D
 Acq: 22 Aug 2018 18:00

Tgt Ion:	149	Resp:	773647
Ion	Ratio	Lower	Upper
149	100		
177	22.5	16.1	24.1
150	12.6	10.1	15.1

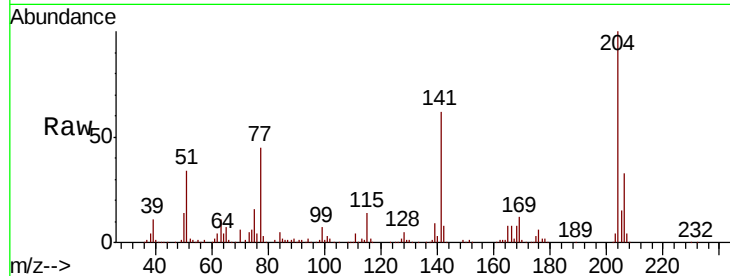




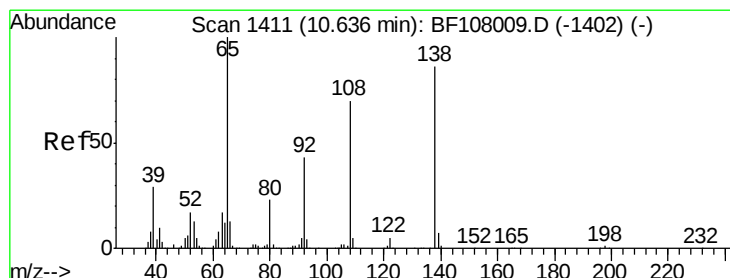
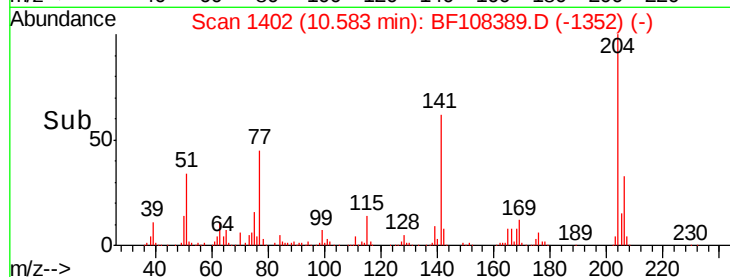
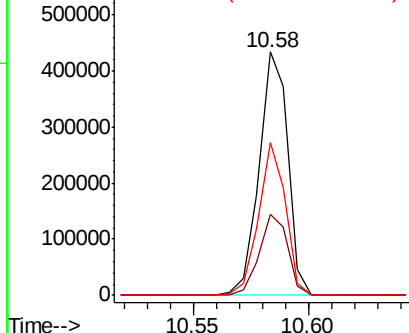
#60
 4-Chlorophenyl-phenylether
 Concen: 35.264 ng
 RT: 10.58 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF108389.D
 Acq: 22 Aug 2018 18:00

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:	204	Resp:	376491
Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	62.5	54.6	81.8

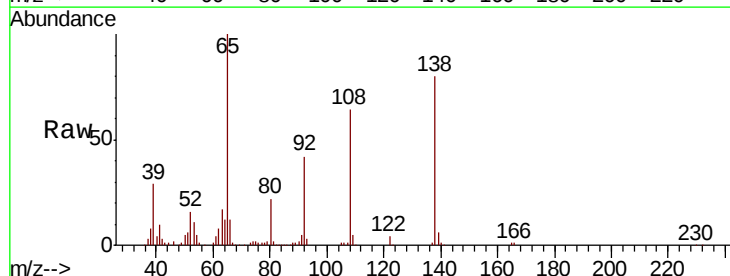


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

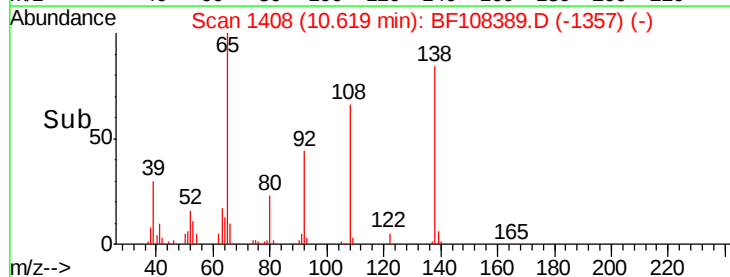
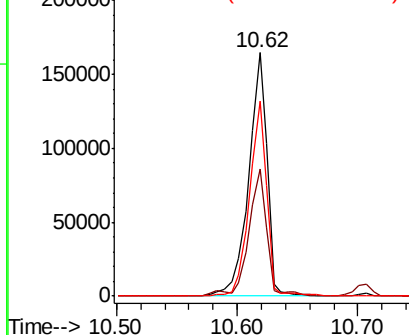


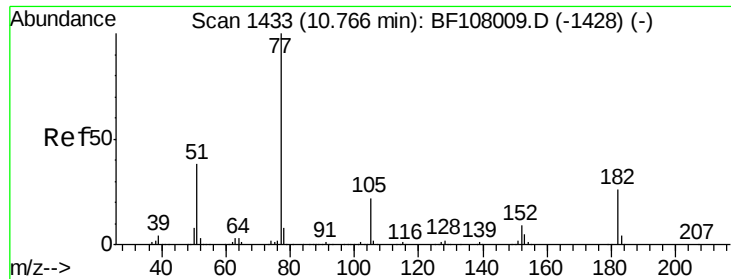
#61
 4-Nitroaniline
 Concen: 35.386 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. -0.00 min
 Lab File: BF108389.D
 Acq: 22 Aug 2018 18:00

Tgt Ion:	138	Resp:	176622
Ion	Ratio	Lower	Upper
138	100		
92	52.3	30.2	70.2
108	79.9	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

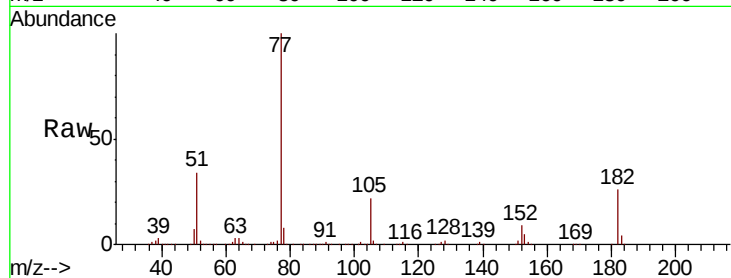




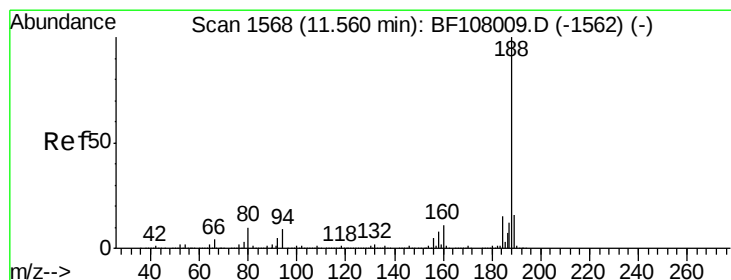
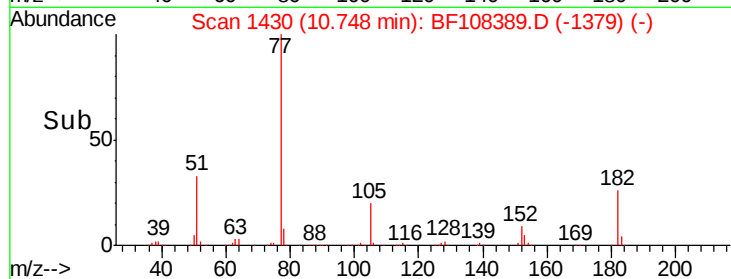
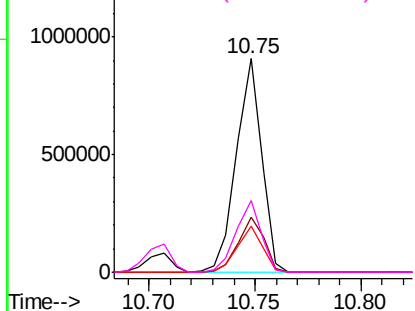
#62
Azobenzene
Concen: 33.938 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Instrument :
BNA_M
ClientSampled :

Tot Ion:	77	Resp:	748505
Ion	Ratio	Lower	Upper
77	100		
182	25.9	1.7	41.7
105	21.5	3.0	43.0
51	33.6	9.9	49.9

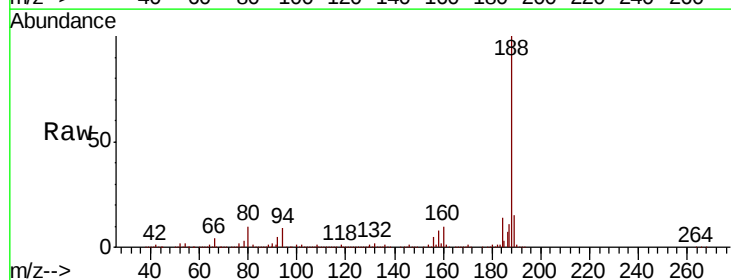


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

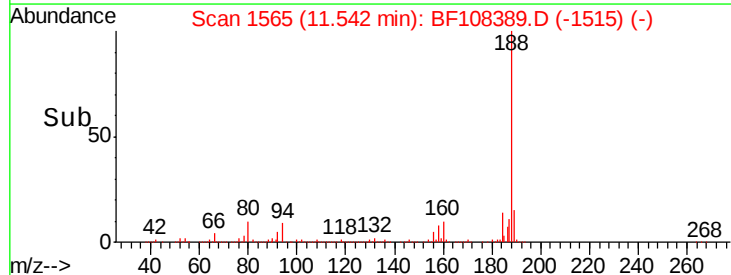
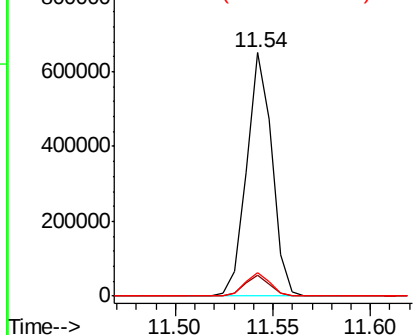


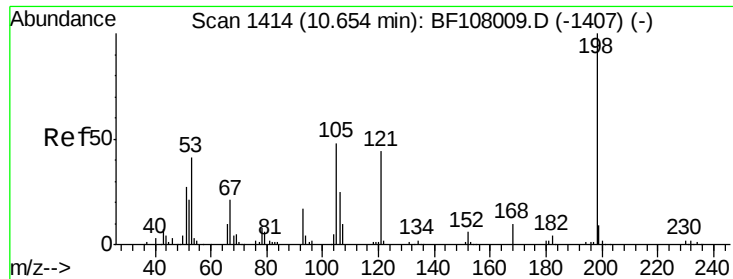
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Tgt Ion:	188	Resp:	585138
Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.8	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

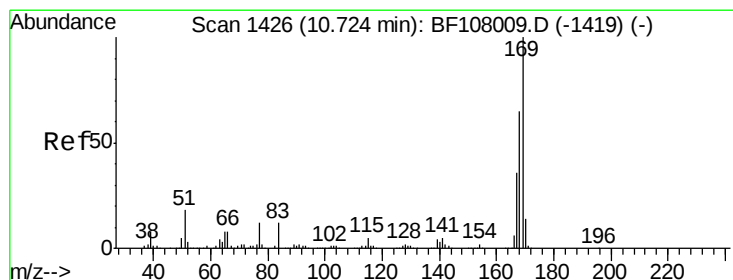
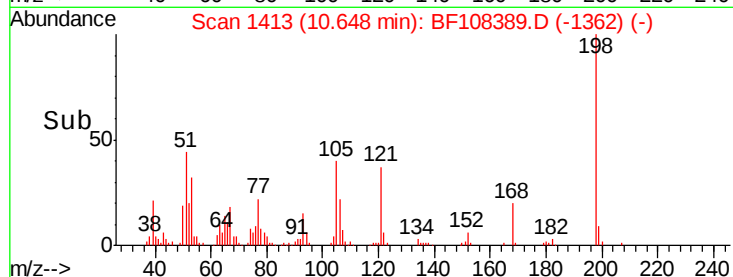
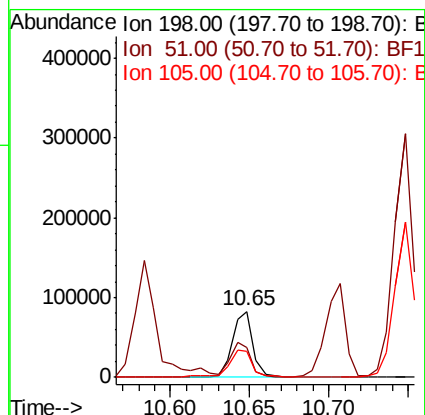
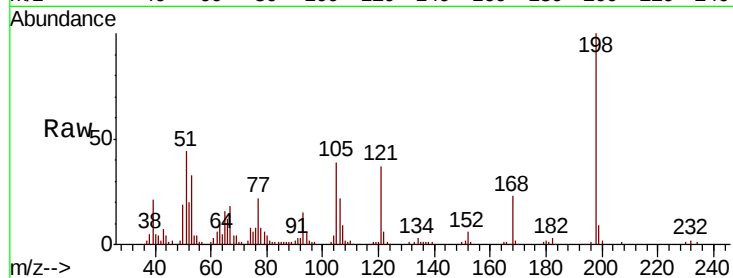




#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.309 ng
 RT: 10.65 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF108389.D
 Acq: 22 Aug 2018 18:00

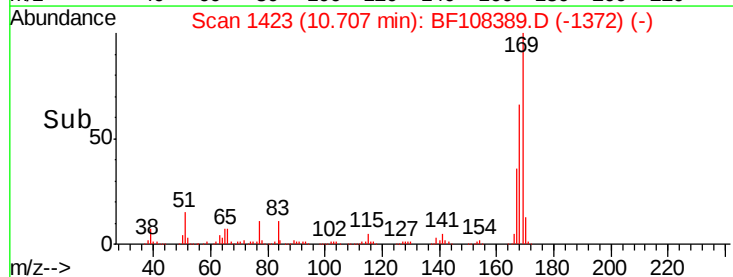
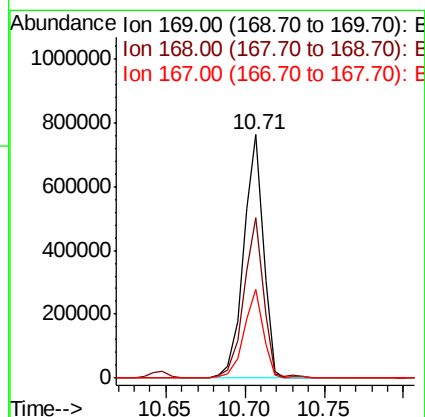
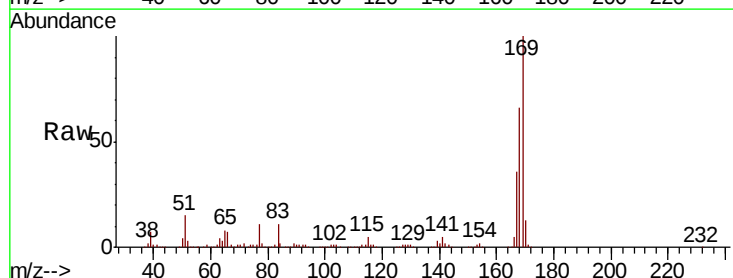
Instrument :
 BNA_M
 ClientSampleId :

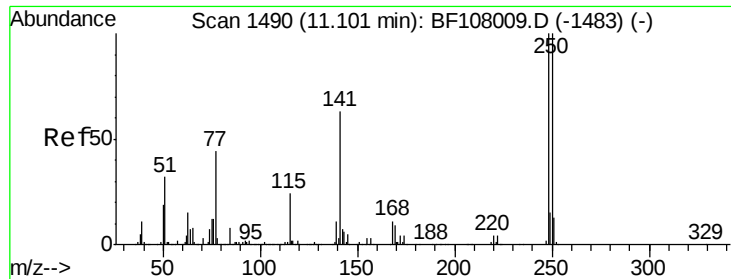
Tot Ion	198	Resp	74065
Ion Ratio	100		
Lower			
Upper			
51	44.4	37.7	77.7
105	39.4	36.3	76.3



#65
 n-Nitrosodiphenylamine
 Concen: 37.785 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF108389.D
 Acq: 22 Aug 2018 18:00

Tgt Ion	169	Resp	653353
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
168	65.9	54.4	81.6
167	36.2	29.8	44.6

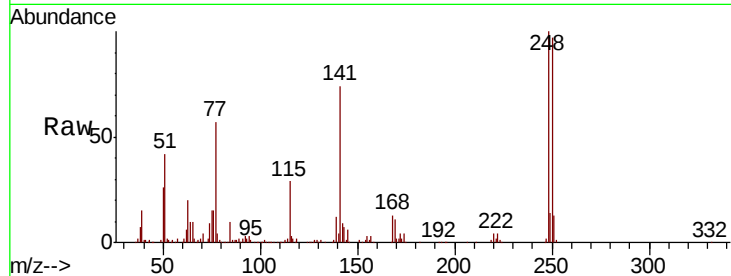




#66
4-Bromophenyl-phenylether
Concen: 37.793 ng
RT: 11.08 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.9	115.3
141	74.3	74.4	111.6#

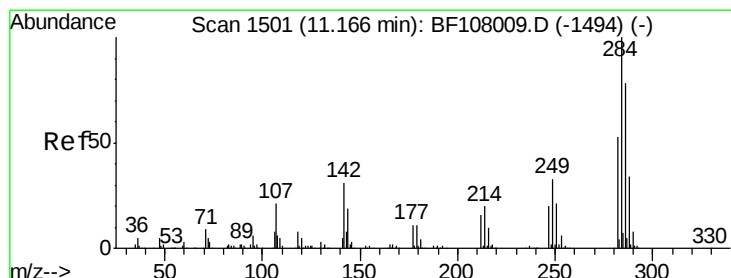
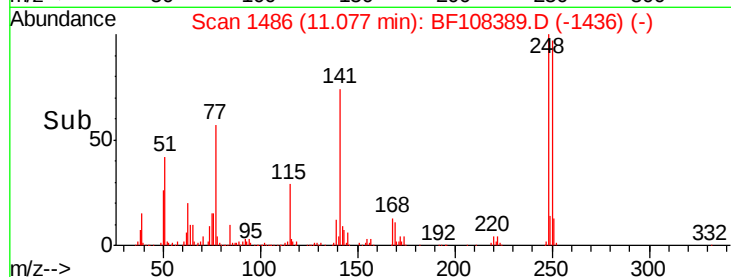
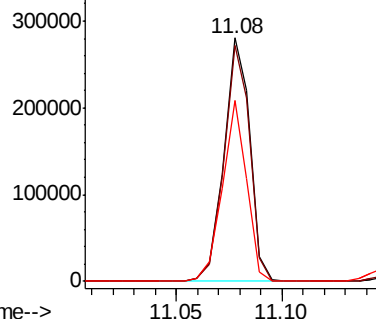


Abundance

Ion 248.00 (247.70 to 248.70): E

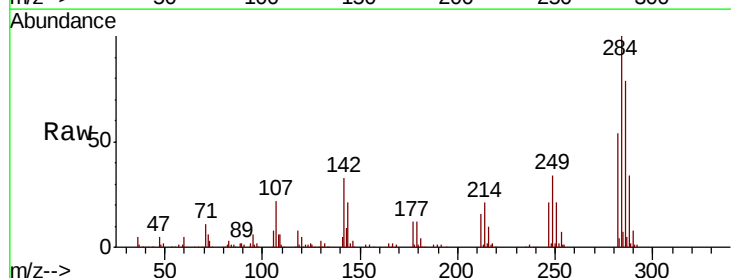
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67
Hexachlorobenzene
Concen: 35.479 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	34.6	52.0#
249	33.8	24.8	37.2

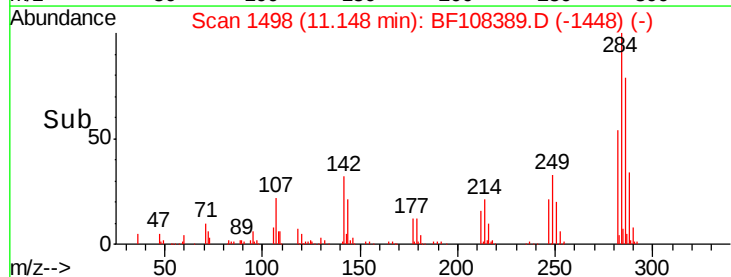
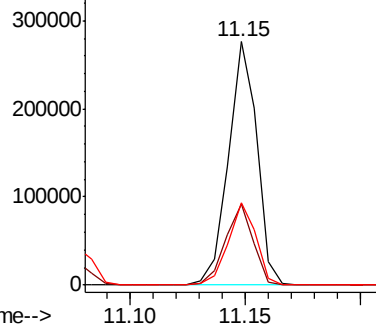


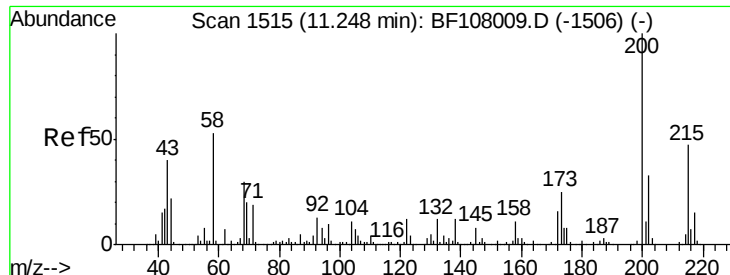
Abundance

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

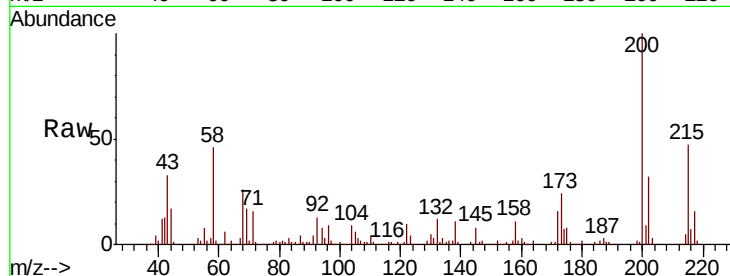




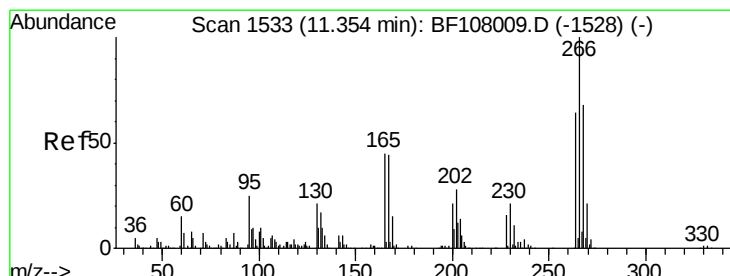
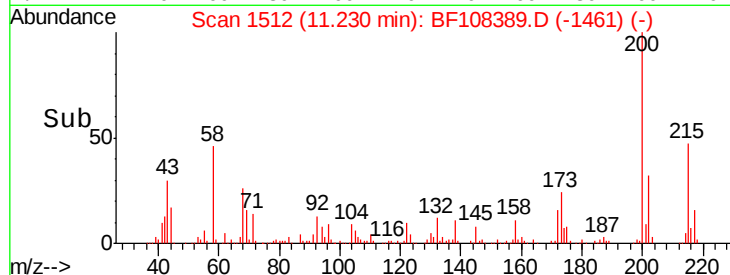
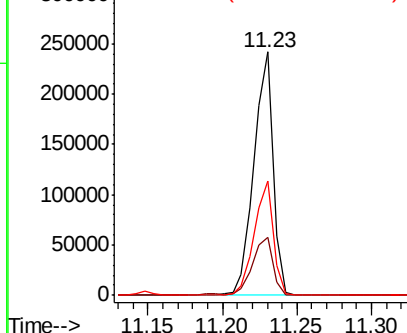
#68
Atrazine
Concen: 36.895 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:200 Resp: 213978
Ion Ratio Lower Upper
200 100
173 23.9 8.6 48.6
215 46.9 25.1 65.1

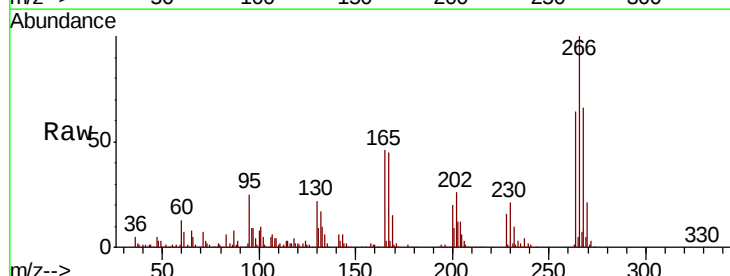


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

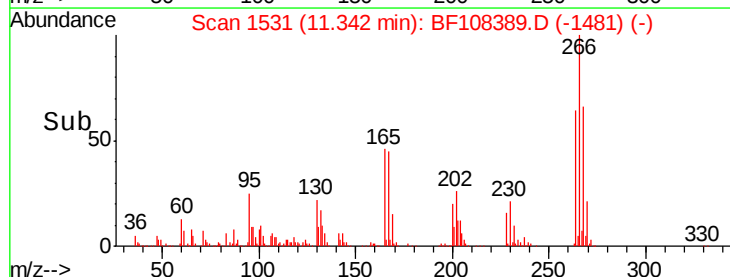
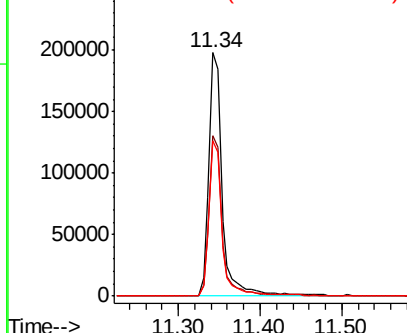


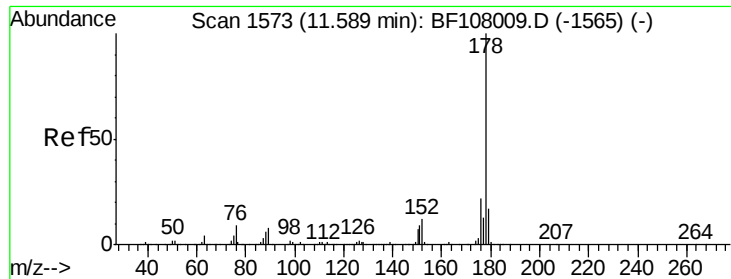
#69
Pentachlorophenol
Concen: 70.287 ng
RT: 11.34 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Tgt Ion:266 Resp: 225087
Ion Ratio Lower Upper
266 100
268 65.9 51.1 76.7
264 63.9 49.5 74.3



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

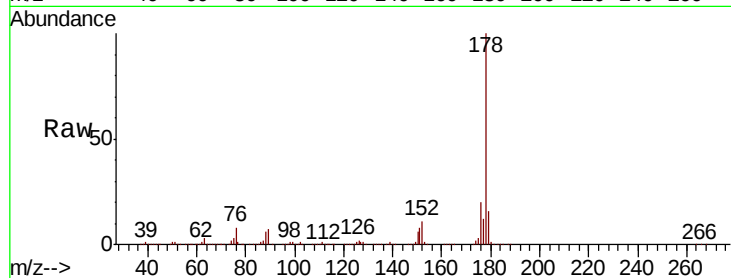




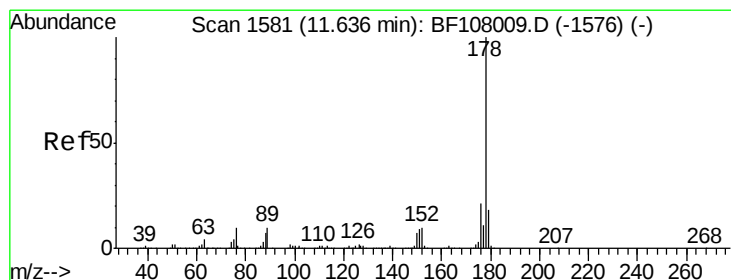
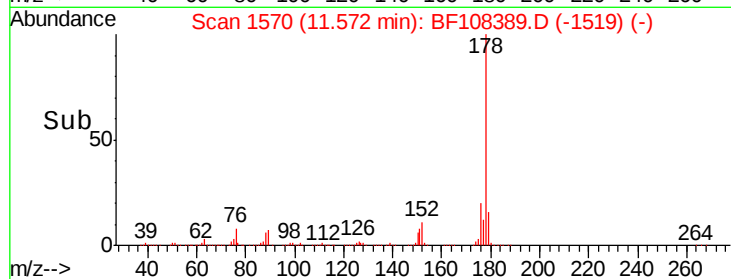
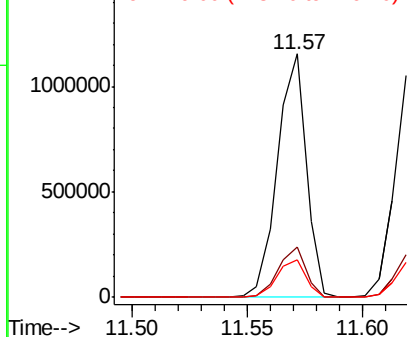
#70
Phenanthrene
Concen: 36.230 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 999896
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.8
179 15.6 13.0 19.6

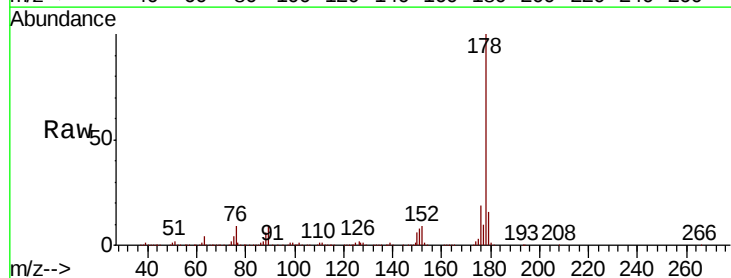


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

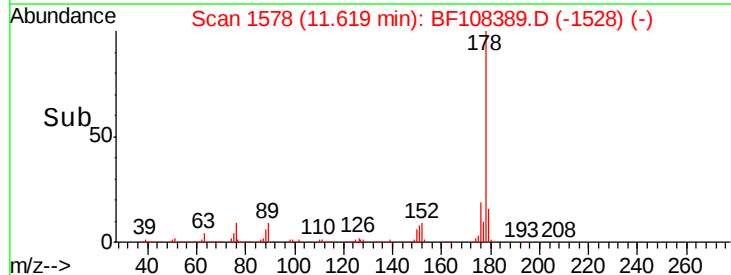
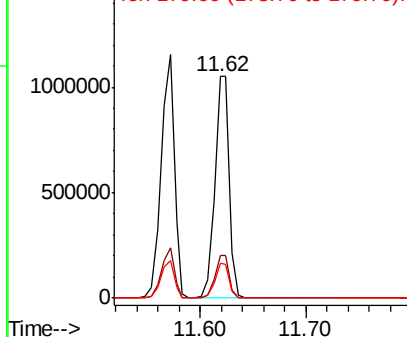


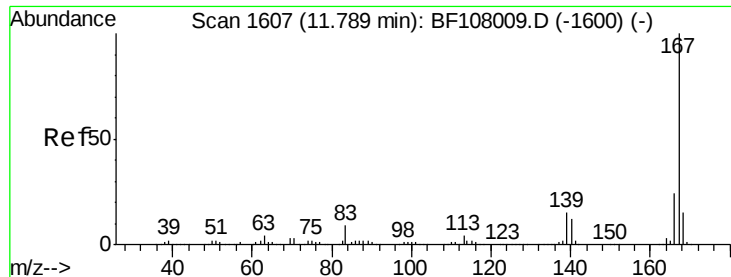
#71
Anthracene
Concen: 36.152 ng
RT: 11.62 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Tgt Ion:178 Resp: 1022620
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 16.0 12.6 19.0



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





#72

Carbazole

Concen: 34.674 ng

RT: 11.77 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

Instrument :

BNA_M

ClientSampleId :

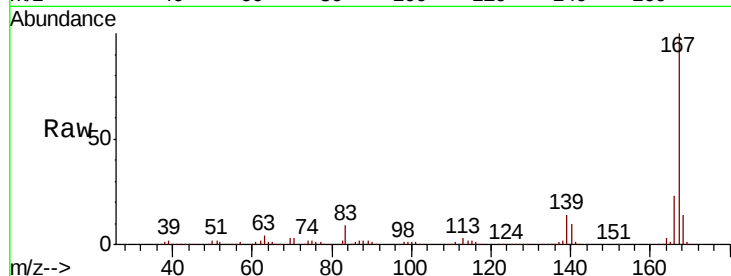
Tot Ion:167 Resp: 871443

Ion Ratio Lower Upper

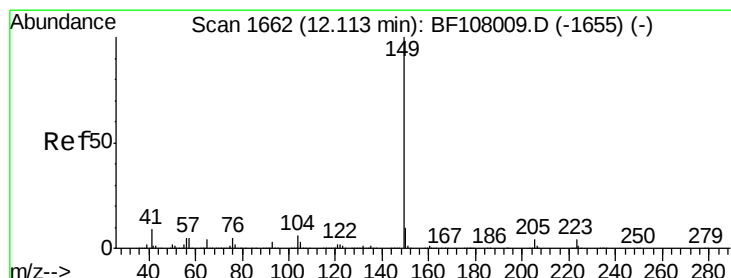
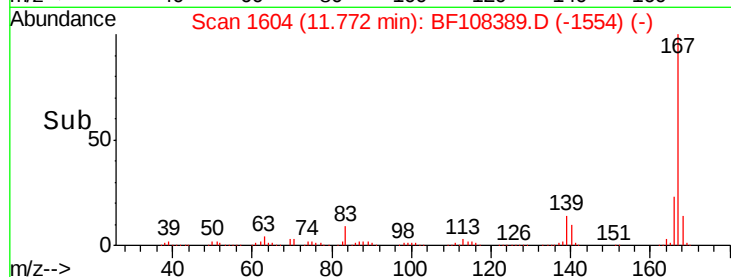
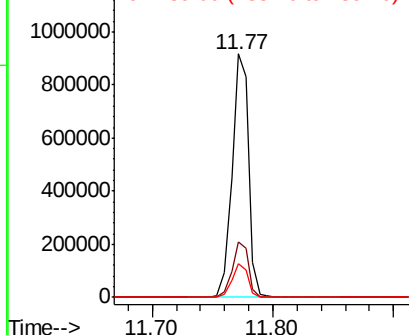
167 100

166 22.7 17.6 26.4

139 13.6 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: 39.373 ng

RT: 12.09 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

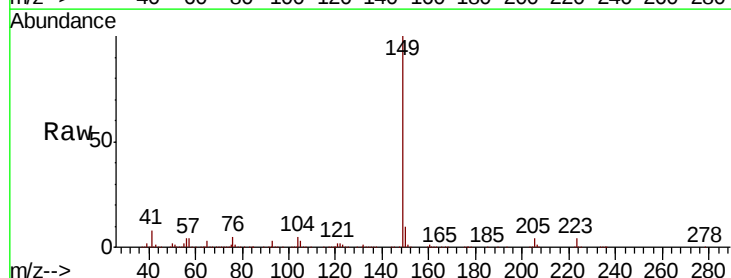
Tgt Ion:149 Resp: 1120832

Ion Ratio Lower Upper

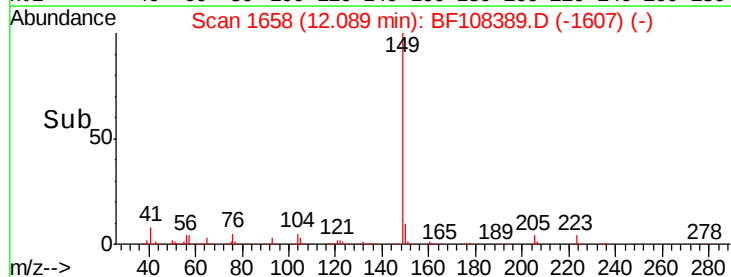
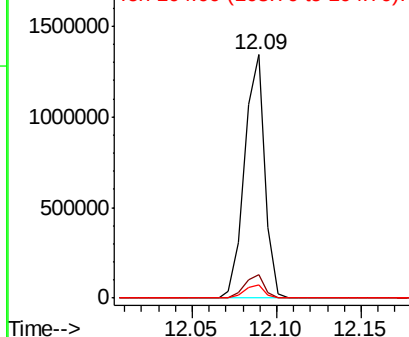
149 100

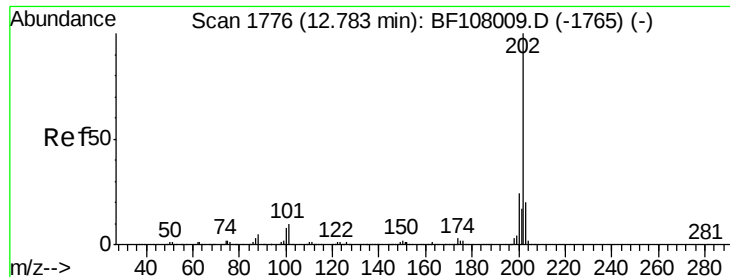
150 9.5 7.8 11.6

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: 31.875 ng

RT: 12.77 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

Instrument :

BNA_M

ClientSampled :

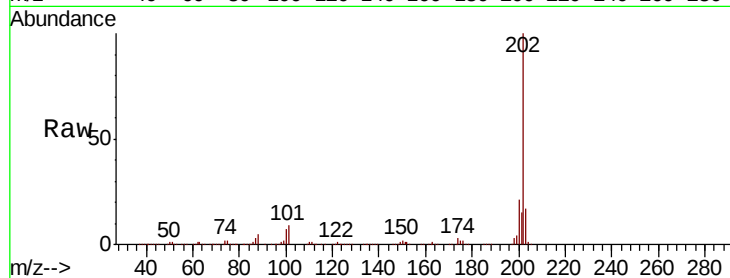
Tot Ion:202 Resp: 960098

Ion Ratio Lower Upper

202 100

101 9.1 0.0 34.1

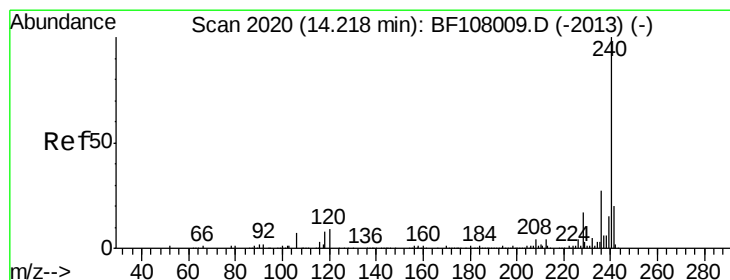
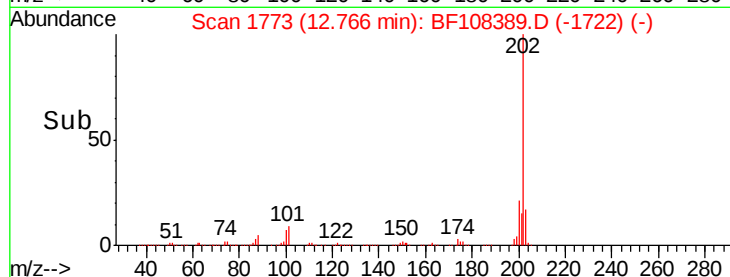
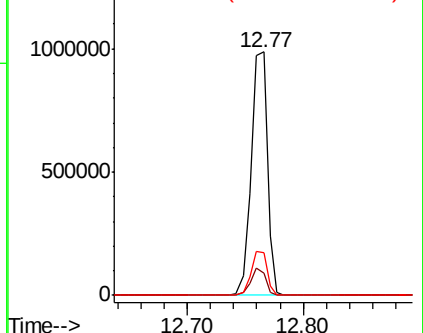
203 17.4 0.0 38.1



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: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

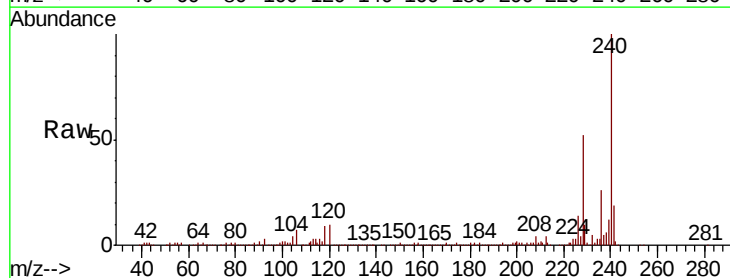
Tgt Ion:240 Resp: 316454

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

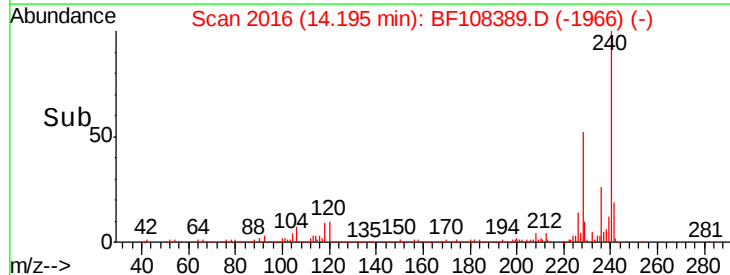
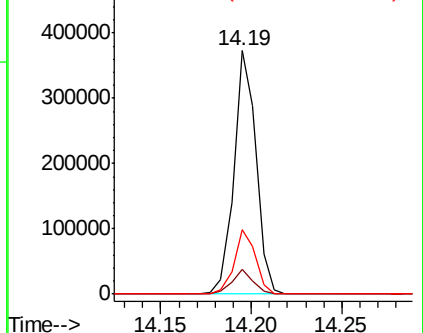
236 26.3 20.7 31.1

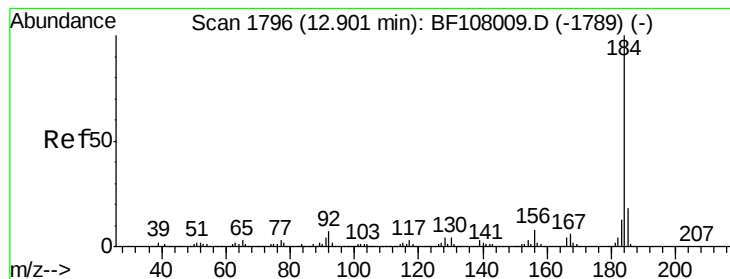


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 39.526 ng

RT: 12.88 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

Instrument :

BNA_M

ClientSampleId :

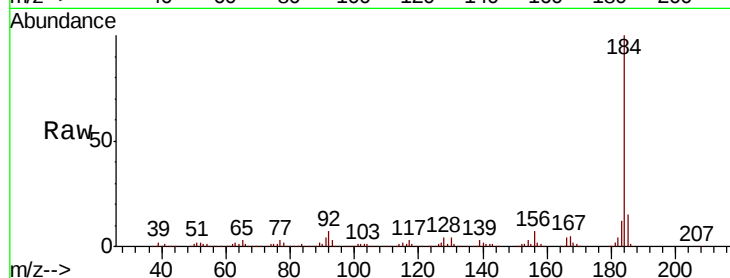
Tot Ion:184 Resp: 467332

Ion Ratio Lower Upper

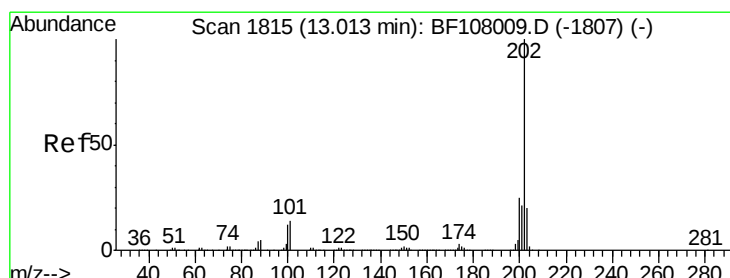
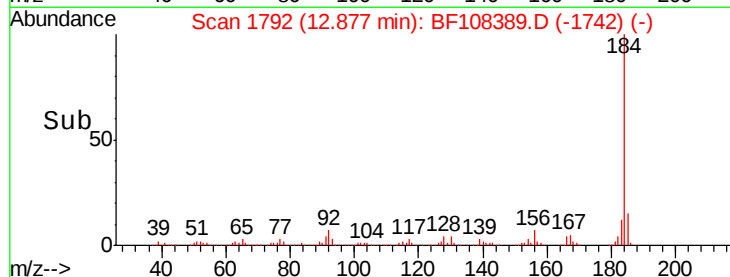
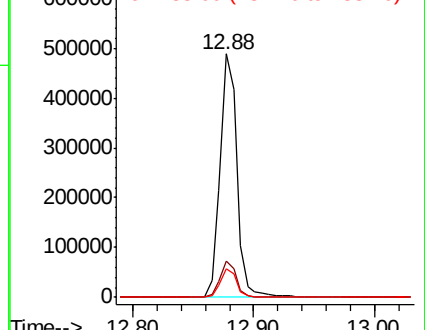
184 100

185 14.7 12.6 18.8

183 11.9 9.3 13.9



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



#77

Pyrene

Concen: 44.978 ng

RT: 12.99 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

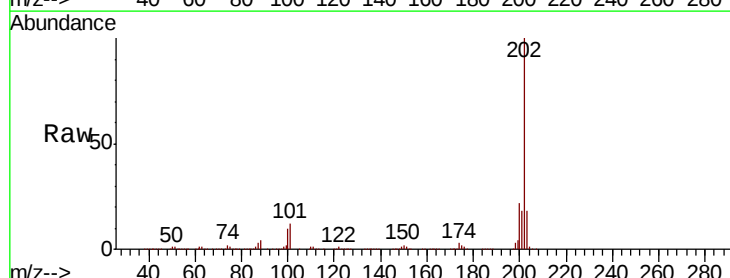
Tgt Ion:202 Resp: 901132

Ion Ratio Lower Upper

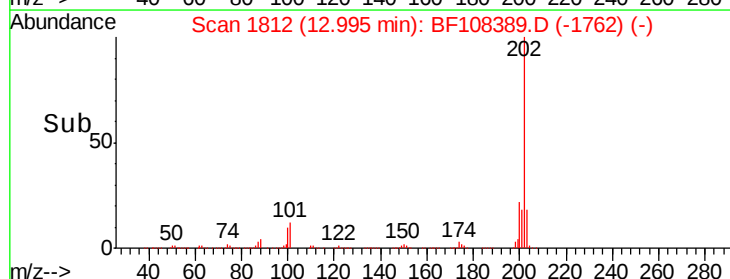
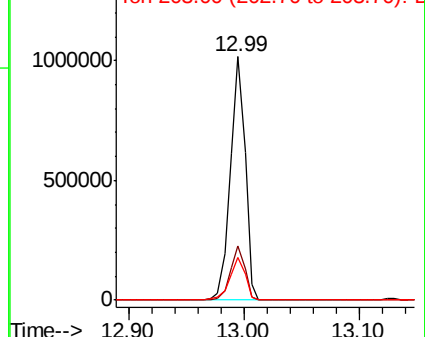
202 100

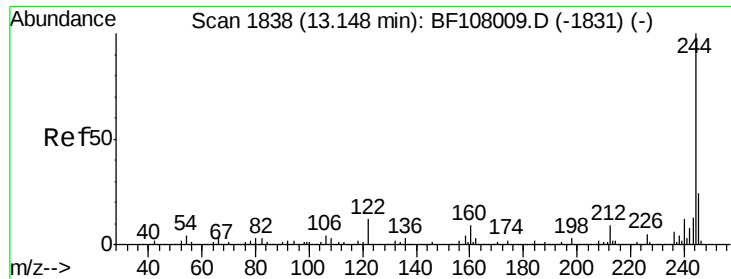
200 22.1 17.4 26.2

203 17.8 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



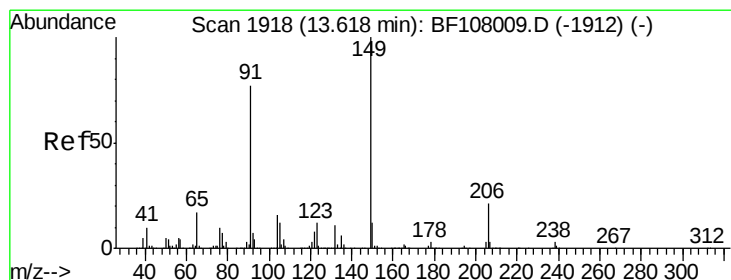
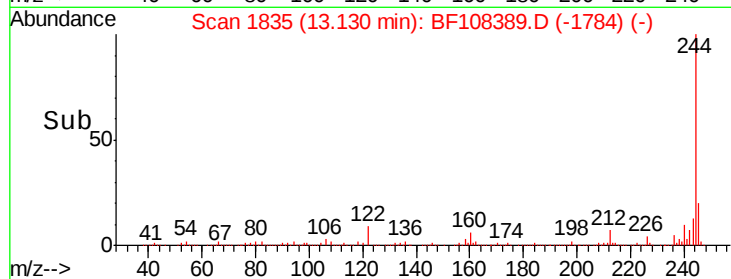
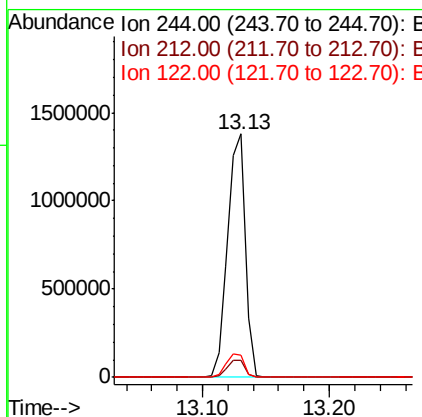
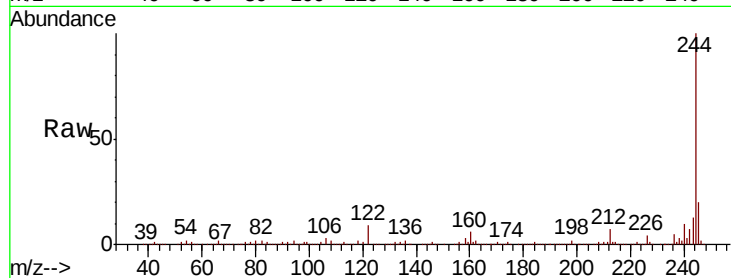


#78
 Terphenyl-d14
 Concen: 107.162 ng
 RT: 13.13 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: BF108389.D
 Acq: 22 Aug 2018 18:00

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 1333758

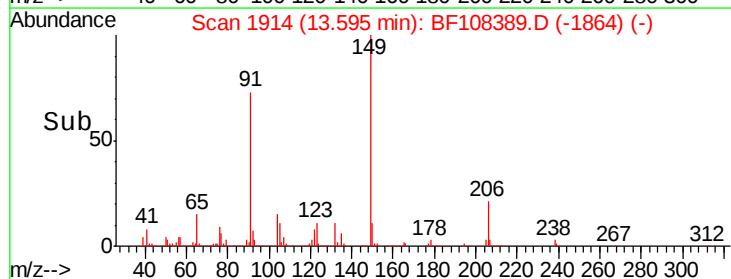
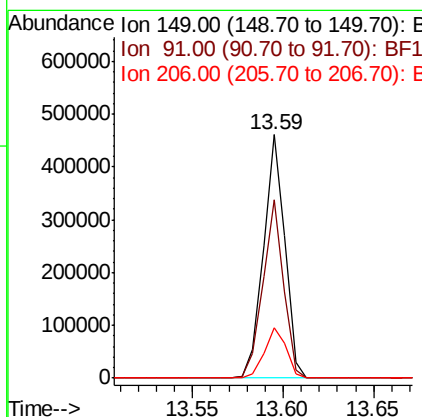
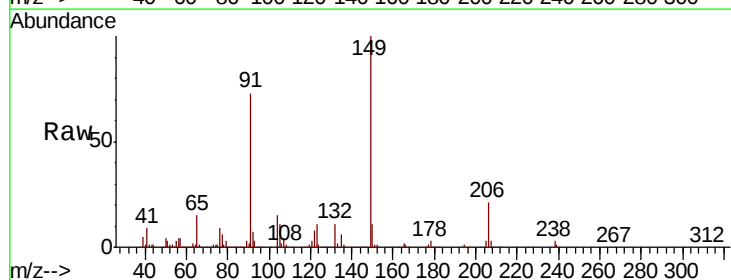
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	8.9	11.0	16.4

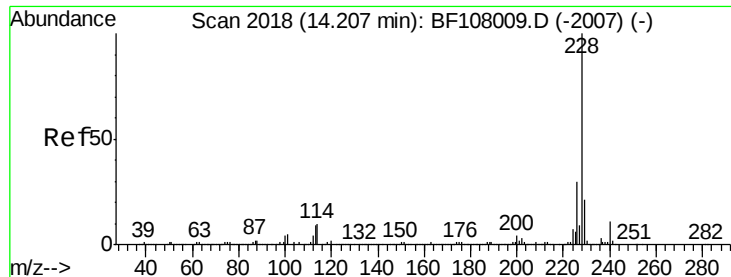


#79
 Butylbenzylphthalate
 Concen: 47.609 ng
 RT: 13.59 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BF108389.D
 Acq: 22 Aug 2018 18:00

Tgt Ion:149 Resp: 378756

Ion	Ratio	Lower	Upper
149	100		
91	73.5	56.8	85.2
206	20.9	14.1	21.1





#80

Benzo(a)anthracene

Concen: 36.043 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

Instrument :

BNA_M

ClientSampled :

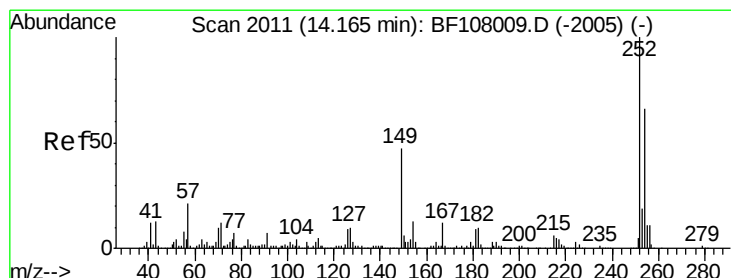
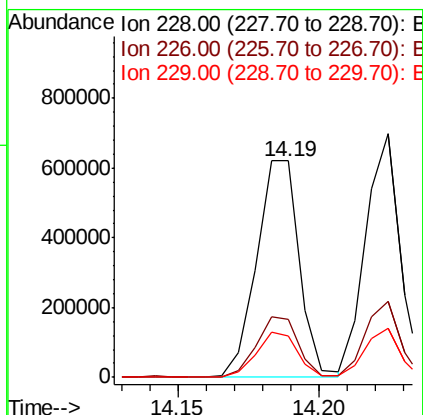
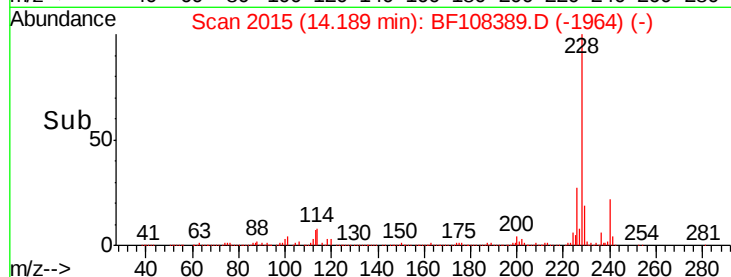
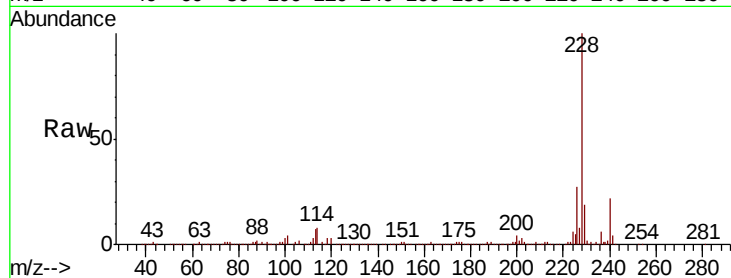
Tot Ion:228 Resp: 654587

Ion Ratio Lower Upper

228 100

226 26.9 22.6 33.8

229 18.9 15.8 23.6



#81

3,3'-Dichlorobenzidine

Concen: 31.541 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

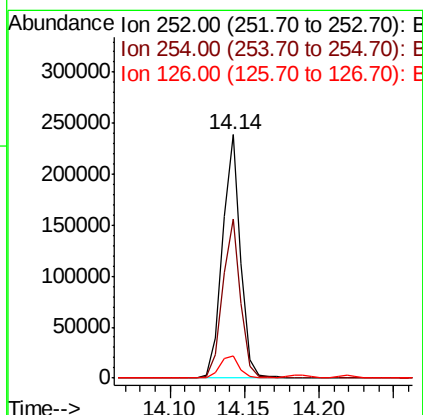
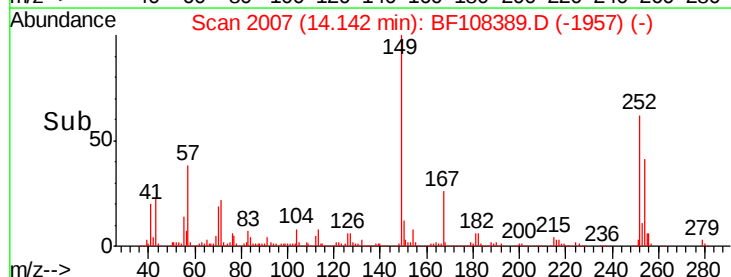
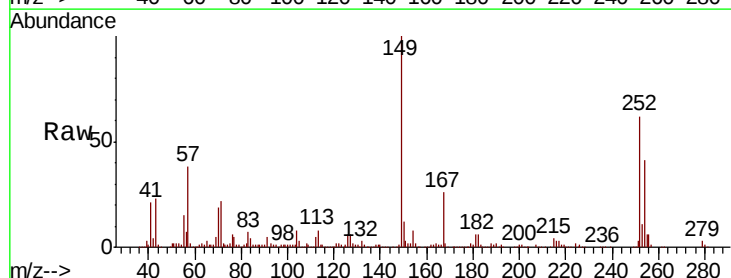
Tgt Ion:252 Resp: 205285

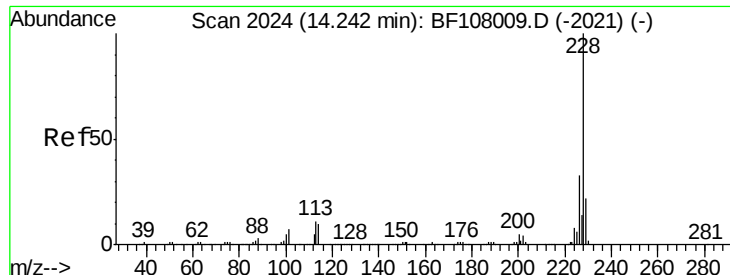
Ion Ratio Lower Upper

252 100

254 65.4 50.4 75.6

126 9.1 11.3 16.9#

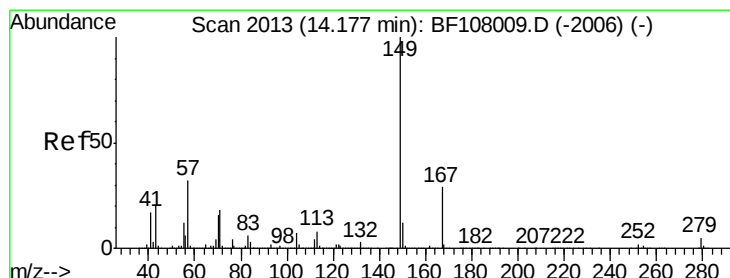
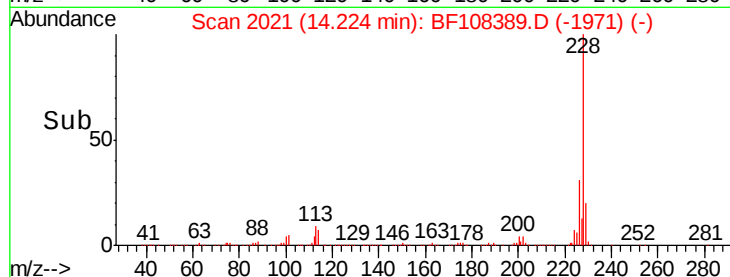
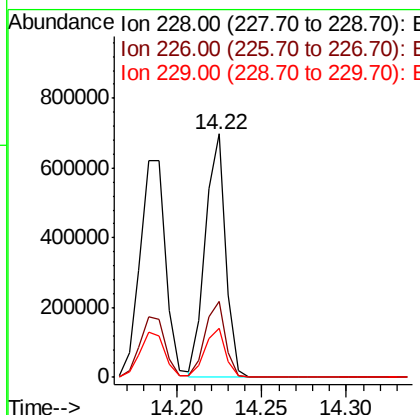
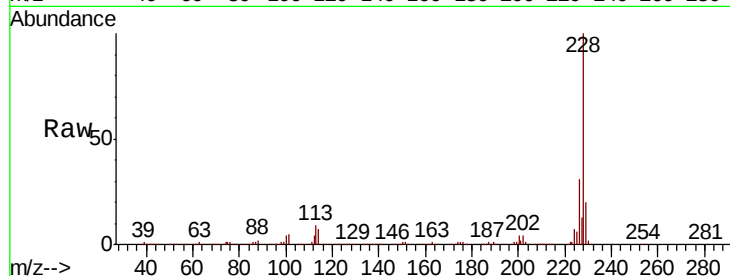




#82
 Chrysene
 Concen: 35.307 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108389.D
 Acq: 22 Aug 2018 18:00

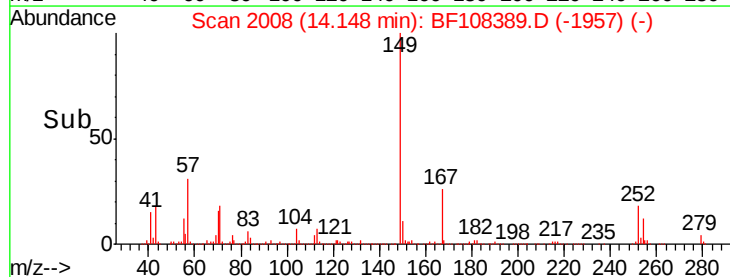
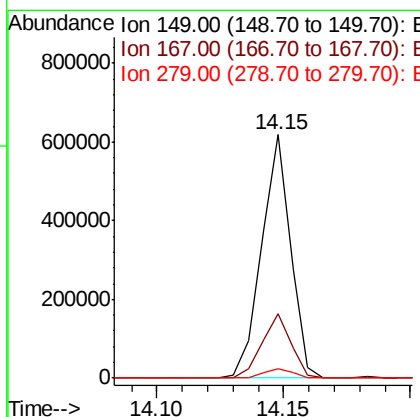
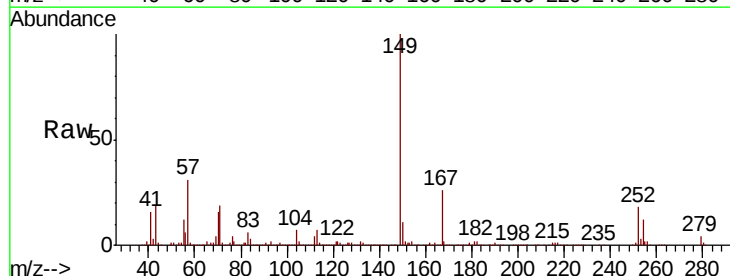
Instrument :
 BNA_M
 ClientSampleId :

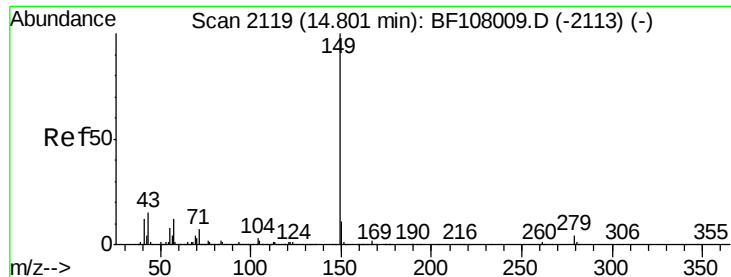
Tot Ion:228 Resp: 587870
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 20.2 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.092 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF108389.D
 Acq: 22 Aug 2018 18:00

Tgt Ion:149 Resp: 496562
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 4.0 3.0 4.4

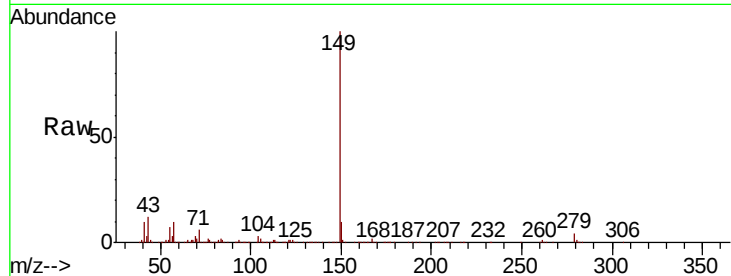




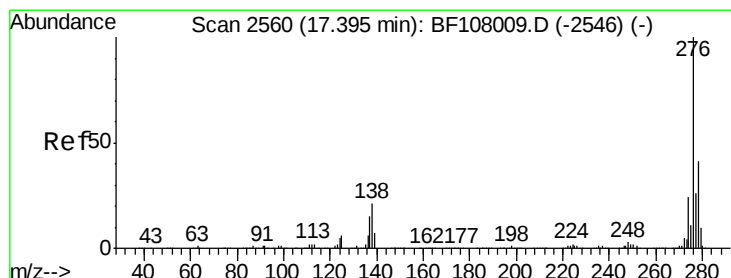
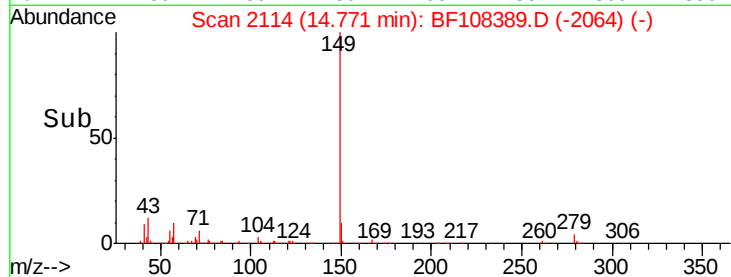
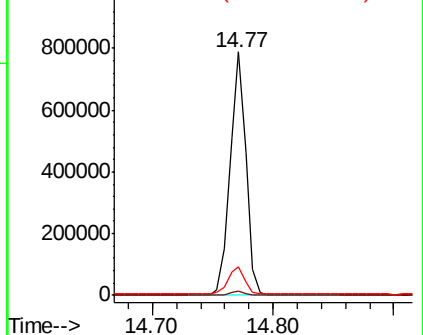
#84
Di-n-octyl phthalate
Concen: 43.574 ng
RT: 14.77 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 715930
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.7 8.4 12.6

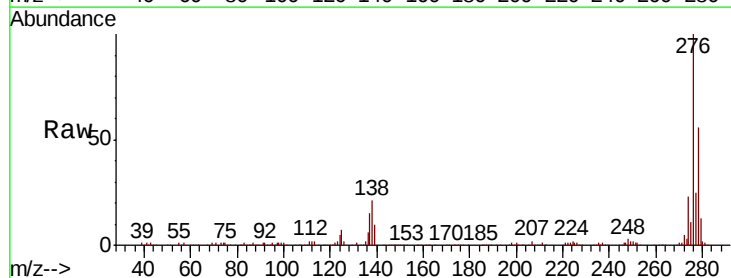


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

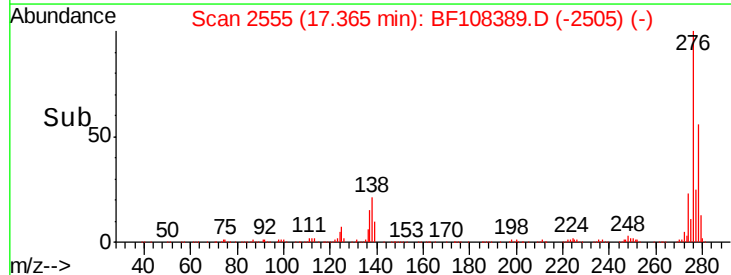
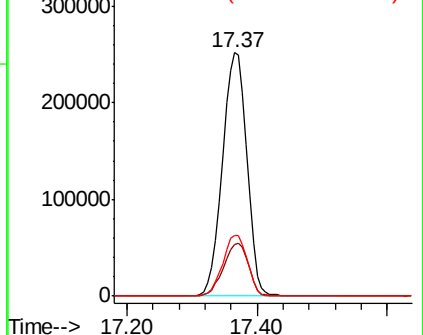


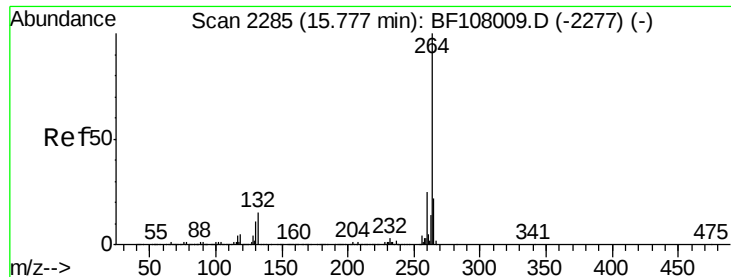
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.428 ng
RT: 17.37 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Tgt Ion:276 Resp: 655369
Ion Ratio Lower Upper
276 100
138 22.1 25.0 37.6#
277 25.1 20.1 30.1



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





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

Instrument :

BNA_M

ClientSampleId :

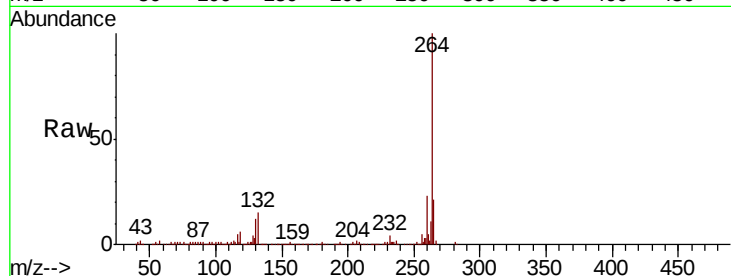
Tot Ion:264 Resp: 314057

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

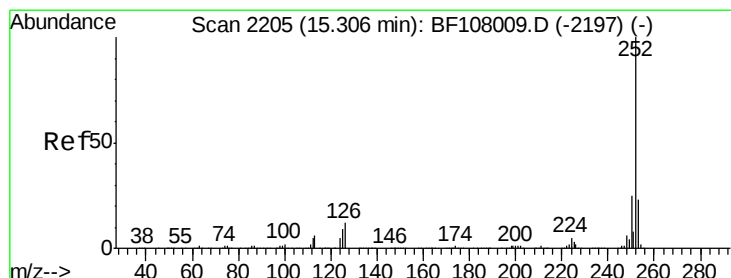
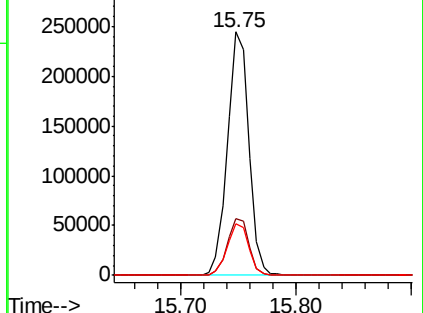
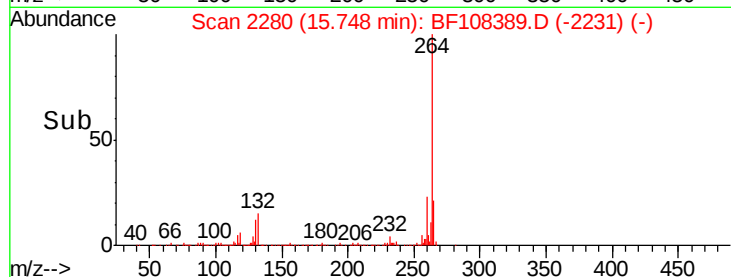
265 21.0 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 28.451 ng

RT: 15.31 min Scan# 2206

Delta R.T. 0.02 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

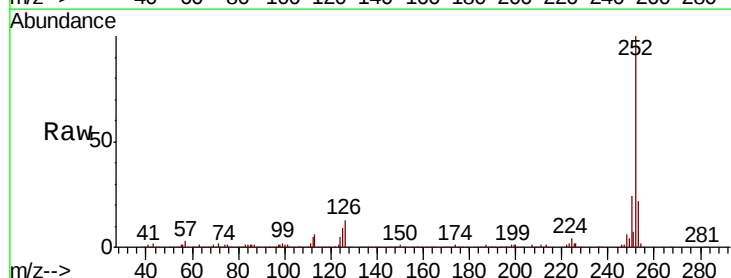
Tgt Ion:252 Resp: 533910

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

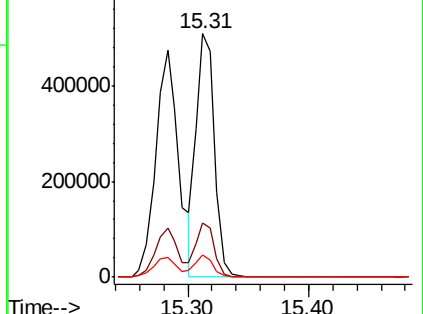
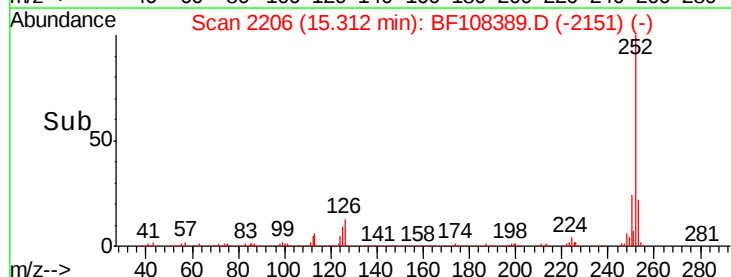
125 9.1 9.0 13.6

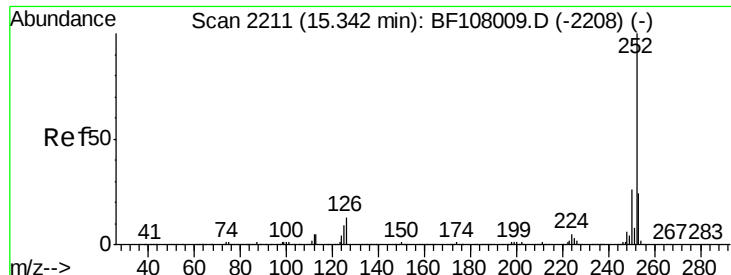


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

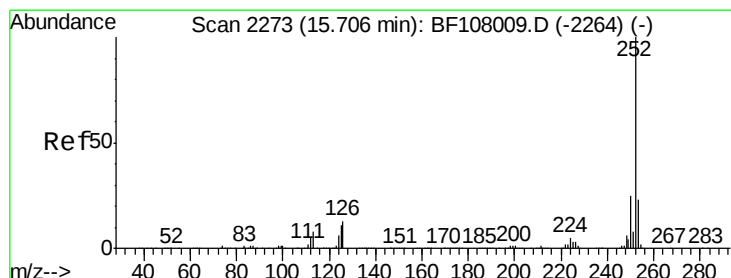
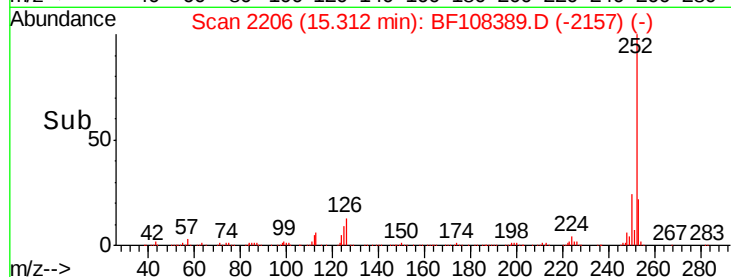
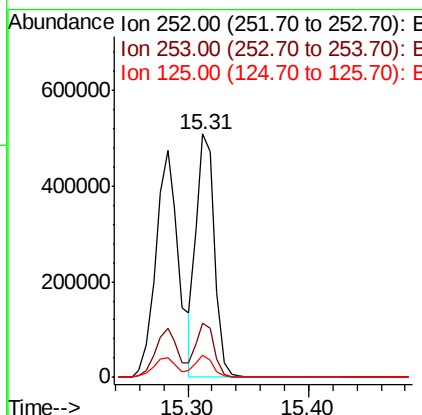
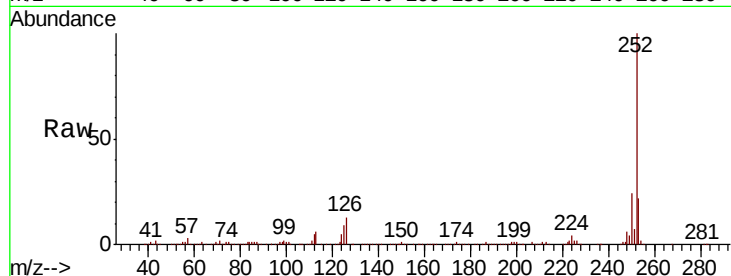




#88
Benzo(k)fluoranthene
Concen: 30.950 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

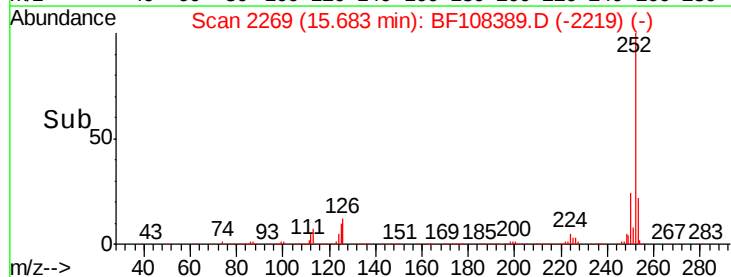
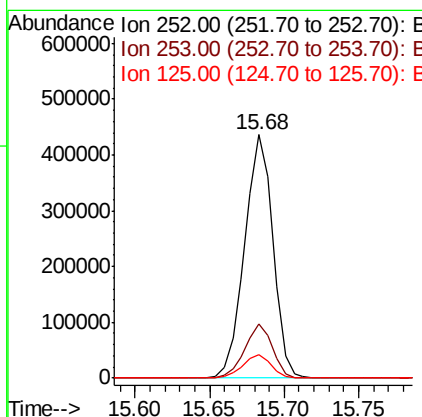
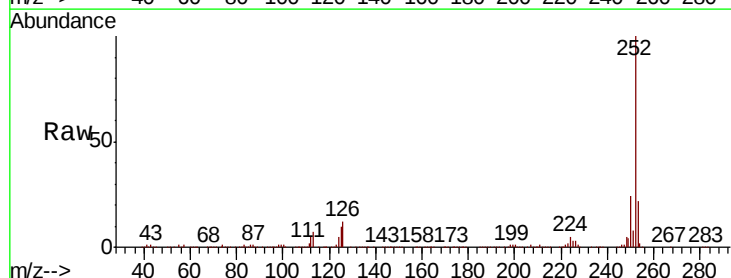
Instrument :
BNA_M
ClientSampleId :

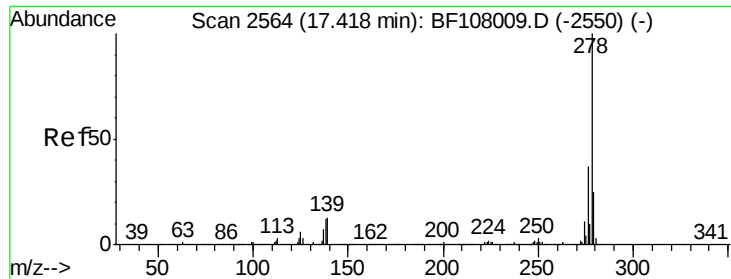
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	9.1	10.2	15.2#



#89
Benzo(a)pyrene
Concen: 34.012 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108389.D
Acq: 22 Aug 2018 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	9.8	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 39.703 ng

RT: 17.38 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

Instrument :

BNA_M

ClientSampleId :

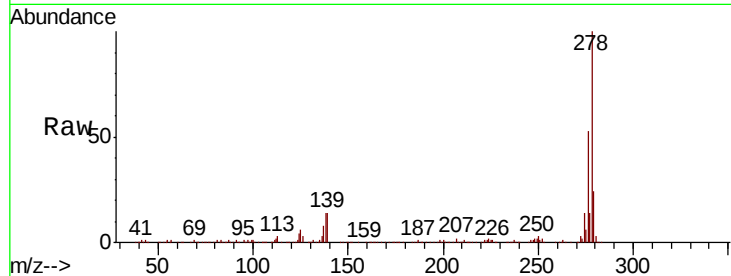
Tot Ion:278 Resp: 552044

Ion Ratio Lower Upper

278 100

139 13.7 15.9 23.9#

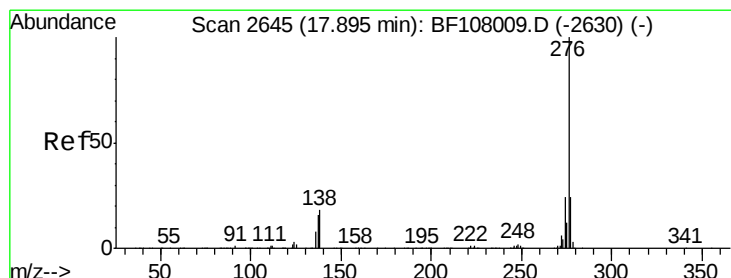
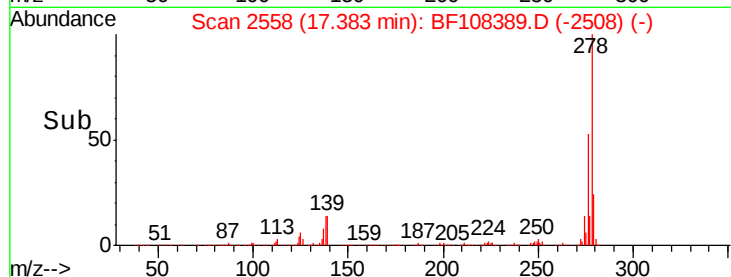
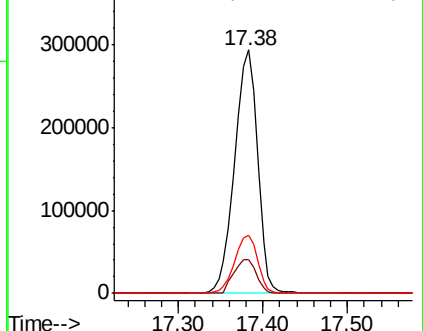
279 23.6 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 38.350 ng

RT: 17.86 min Scan# 2639

Delta R.T. -0.01 min

Lab File: BF108389.D

Acq: 22 Aug 2018 18:00

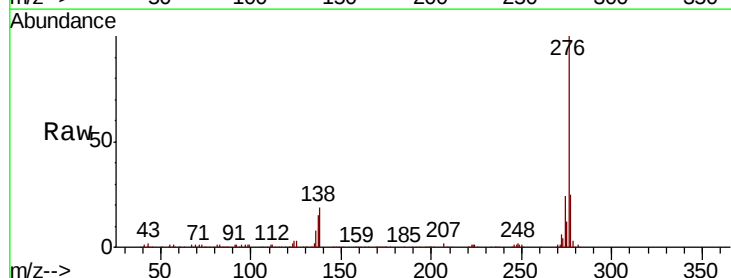
Tgt Ion:276 Resp: 525054

Ion Ratio Lower Upper

276 100

277 24.6 17.9 26.9

138 19.1 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

