

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103868.D
 Acq On : 23 Mar 2018 9:56
 Operator : JU/SJ
 Sample : PB107555BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 13:27:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	139101	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	571514	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	271411	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	507245	20.00	ng	0.00
75) Chrysene-d12	14.17	240	413032	20.00	ng	0.00
86) Perylene-d12	15.71	264	364747	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1000466	109.40	ng	0.01
7) Phenol-d6	6.60	99	1217105	108.78	ng	0.00
23) Nitrobenzene-d5	7.54	82	751981	91.76	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	339033	145.28	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1372733	80.68	ng	0.00
78) Terphenyl-d14	13.10	244	1486275	83.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	150907	33.511	ng	# 90
3) Pyridine	3.66	79	441319	35.630	ng	88
4) n-Nitrosodimethylamine	3.62	42	170135	37.253	ng	# 78
6) Aniline	6.64	93	356732	22.328	ng	96
8) 2-Chlorophenol	6.76	128	411892	42.993	ng	94
9) Benzaldehyde	6.53	77	114860	15.626	ng	94
10) Phenol	6.62	94	493078	41.472	ng	94
11) bis(2-Chloroethyl)ether	6.71	93	387198	39.450	ng	93
12) 1,3-Dichlorobenzene	6.92	146	428569	39.277	ng	99
13) 1,4-Dichlorobenzene	6.99	146	433545	39.541	ng	99
14) 1,2-Dichlorobenzene	7.15	146	402647	39.574	ng	99
15) Benzyl Alcohol	7.11	79	354893	40.937	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	509711	36.513	ng	93
17) 2-Methylphenol	7.22	107	347276	40.705	ng	97
18) Hexachloroethane	7.49	117	156957	40.696	ng	100
19) n-Nitroso-di-n-propylamine	7.38	70	269261	37.551	ng	94
20) 3+4-Methylphenols	7.37	107	418117	38.617	ng	96
22) Acetophenone	7.38	105	544608	37.078	ng	# 94
24) Nitrobenzene	7.56	77	417630	43.406	ng	97
25) Isophorone	7.79	82	780135	41.121	ng	99
26) 2-Nitrophenol	7.87	139	227500	59.364	ng	# 88
27) 2,4-Dimethylphenol	7.90	122	390799	48.083	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	500669	43.581	ng	100
29) 2,4-Dichlorophenol	8.11	162	347134	46.946	ng	100
30) 1,2,4-Trichlorobenzene	8.20	180	348108	40.590	ng	99
31) Naphthalene	8.28	128	1158930	40.143	ng	99
32) Benzoic acid	8.02	122	259648	45.838	ng	95
33) 4-Chloroaniline	8.32	127	122297	10.097	ng	96
34) Hexachlorobutadiene	8.39	225	186757	39.717	ng	98
35) Caprolactam	8.70	113	81014	31.818	ng	# 82
36) 4-Chloro-3-methylphenol	8.80	107	377517	46.312	ng	95
37) 2-Methylnaphthalene	8.97	142	782011	42.714	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	326032	42.106	ng	99
40) Hexachlorocyclopentadiene	9.12	237	362230	90.661	ng	96

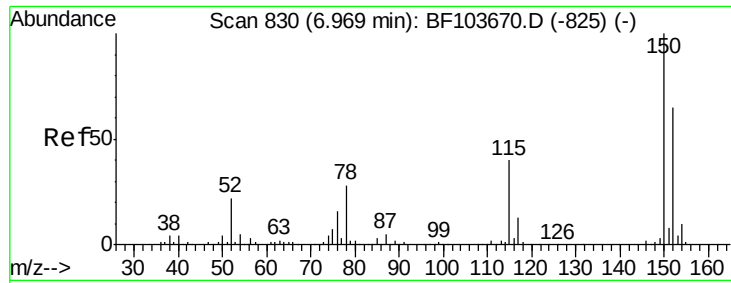
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103868.D
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	241816	48.825	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	260390	46.581	nq	95
45) 1,1'-Biphenyl	9.43	154	914353	40.401	nq	100
46) 2-Chloronaphthalene	9.46	162	739324	41.130	nq	100
47) 2-Nitroaniline	9.56	65	228117	48.438	nq	98
48) Acenaphthylene	9.88	152	1125323	40.371	nq	99
49) Dimethylphthalate	9.73	163	894840	43.214	nq	99
50) 2,6-Dinitrotoluene	9.80	165	203797	50.638	nq	94
51) Acenaphthene	10.05	154	661504	39.968	nq	100
52) 3-Nitroaniline	9.97	138	100674	23.118	nq	97
53) 2,4-Dinitrophenol	10.08	184	200493	118.316	nq	# 18
54) Dibenzofuran	10.23	168	1009884	42.722	nq	99
55) 4-Nitrophenol	10.13	139	367702	95.935	nq	87
56) 2,4-Dinitrotoluene	10.21	165	276270	53.606	nq	# 86
57) Fluorene	10.57	166	794829	43.332	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	213943	54.013	nq	94
59) Diethylphthalate	10.43	149	862892	41.985	nq	98
60) 4-Chlorophenyl-phenylether	10.56	204	367568	43.847	nq	97
61) 4-Nitroaniline	10.59	138	225046	48.651	nq	91
62) Azobenzene	10.72	77	816556	39.078	nq	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	131243	61.889	nq	87
65) n-Nitrosodiphenylamine	10.68	169	718832	41.633	nq	99
66) 4-Bromophenyl-phenylether	11.05	248	232715	44.684	nq	# 89
67) Hexachlorobenzene	11.12	284	253475	42.642	nq	# 87
68) Atrazine	11.20	200	242220	45.351	nq	99
69) Pentachlorophenol	11.32	266	276718	80.973	nq	98
70) Phenanthrene	11.54	178	1156601	41.683	nq	99
71) Anthracene	11.59	178	1202508	42.669	nq	100
72) Carbazole	11.74	167	1134228	41.408	nq	100
73) Di-n-butylphthalate	12.06	149	1391142	42.327	nq	99
74) Fluoranthene	12.73	202	1236753	43.264	nq	99
76) Benzidine	12.84	184	410832	23.322	nq	98
77) Pyrene	12.96	202	1268621	41.823	nq	99
79) Butylbenzylphthalate	13.57	149	623542	46.398	nq	99
80) Benzo(a)anthracene	14.16	228	1124486	43.010	nq	100
81) 3,3'-Dichlorobenzidine	14.11	252	196258	22.442	nq	97
82) Chrysene	14.20	228	1047009	42.010	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	866019	45.108	nq	100
84) Di-n-octyl phthalate	14.75	149	1427650	51.114	nq	# 95
85) Indeno(1,2,3-cd)pyrene	17.30	276	895018	41.122	nq	97
87) Benzo(b)fluoranthene	15.25	252	1033812	44.863	nq	97
88) Benzo(k)fluoranthene	15.29	252	925423	41.777	nq	99
89) Benzo(a)pyrene	15.64	252	902674	43.188	nq	97
90) Dibenzo(a,h)anthracene	17.32	278	743972	41.108	nq	99
91) Benzo(g,h,i)perylene	17.79	276	741409	42.110	nq	96

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

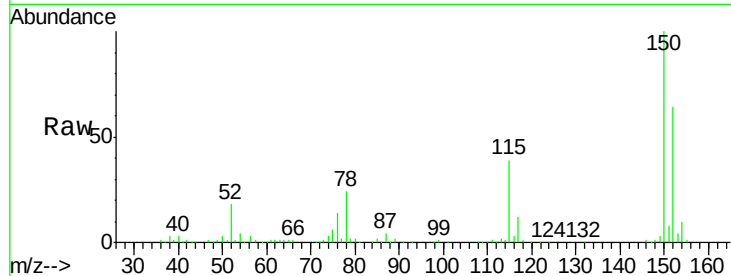


#1

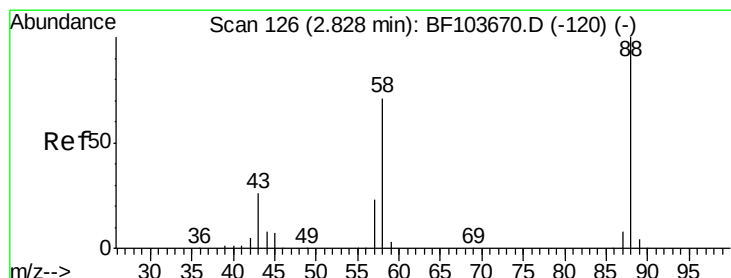
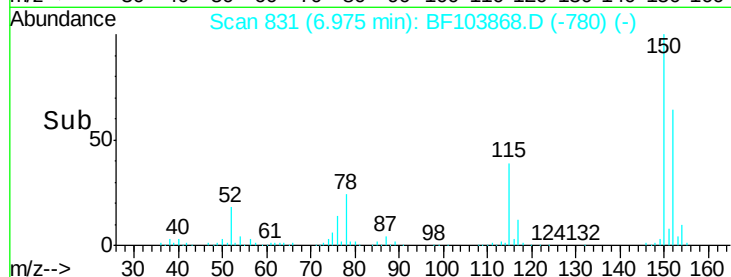
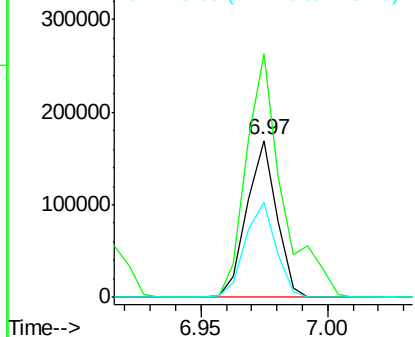
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139101
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 60.6 50.1 75.1



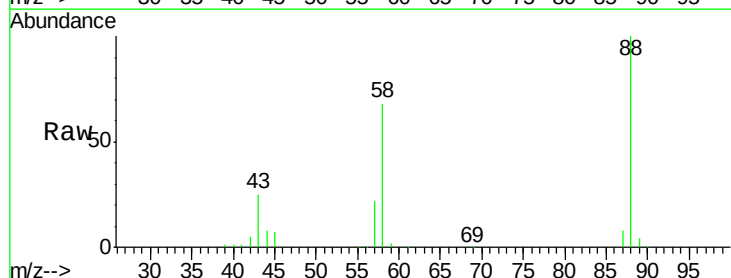
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



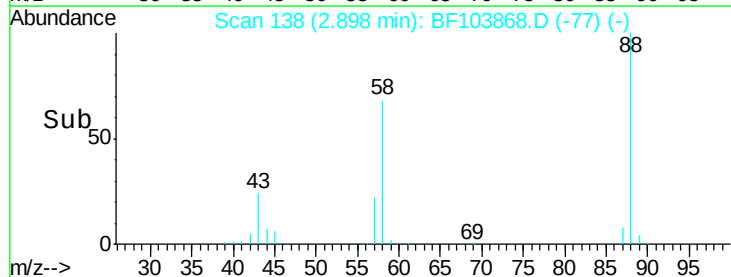
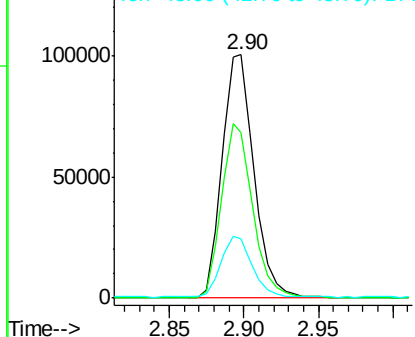
#2

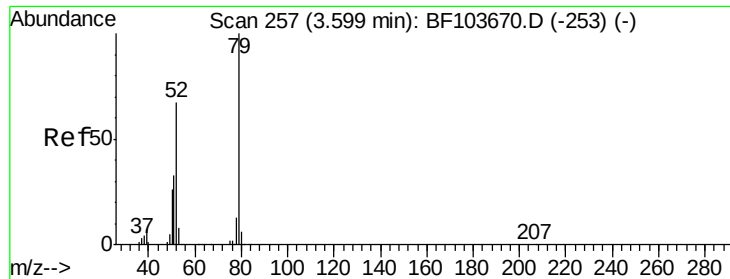
1,4-Dioxane
Concen: 33.511 ng
RT: 2.90 min Scan# 138
Delta R.T. 0.06 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

Tgt Ion: 88 Resp: 150907
Ion Ratio Lower Upper
88 100
58 70.4 62.6 93.8
43 24.1 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: 35.630 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.04 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

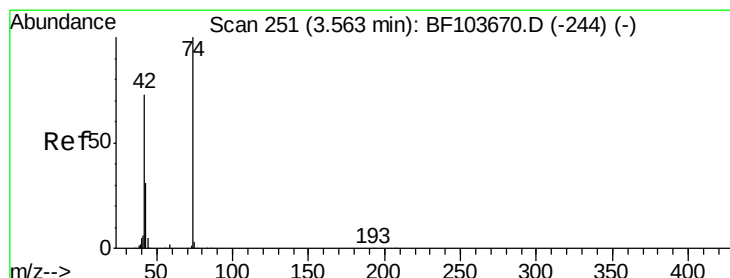
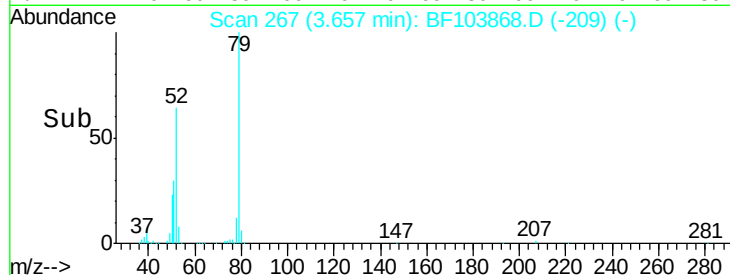
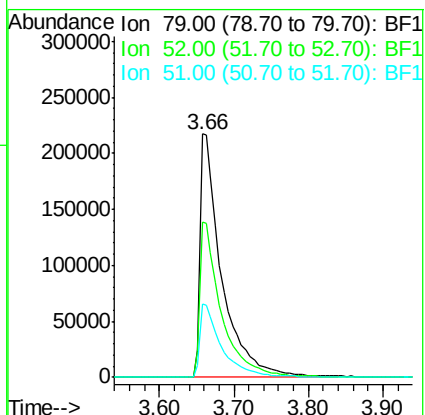
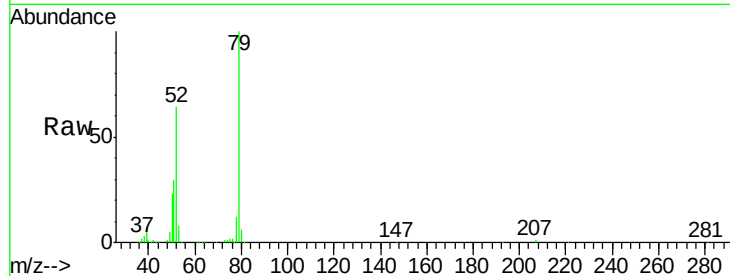
Tot Ion: 79 Resp: 441319

Ion Ratio Lower Upper

79 100

52 63.9 59.8 89.6

51 30.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 37.253 ng

RT: 3.62 min Scan# 261

Delta R.T. 0.04 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

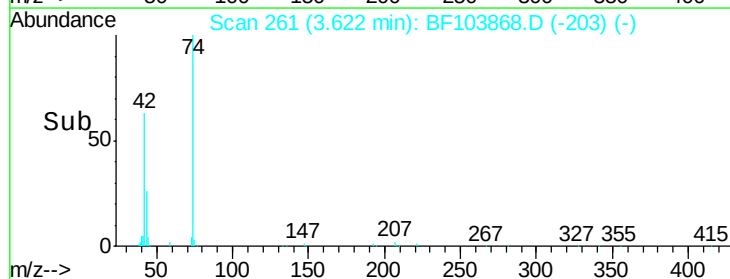
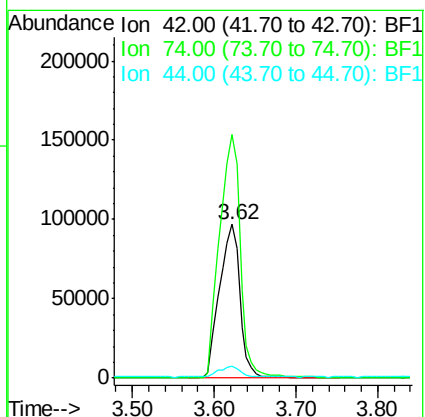
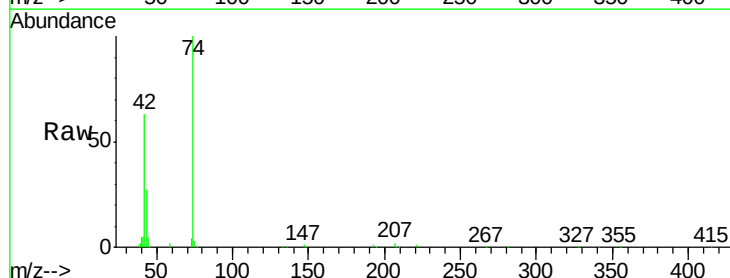
Tgt Ion: 42 Resp: 170135

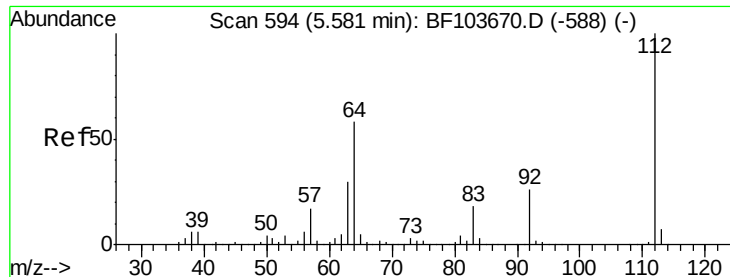
Ion Ratio Lower Upper

42 100

74 158.2 104.9 157.3#

44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 109.396 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :
BNA_F
ClientSampled :

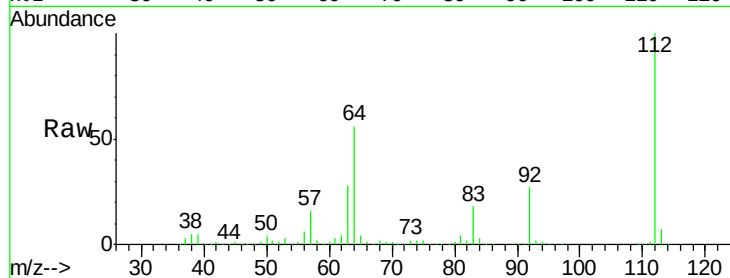
Tot Ion:112 Resp: 1000466

Ion Ratio Lower Upper

112 100

64 56.0 47.9 71.9

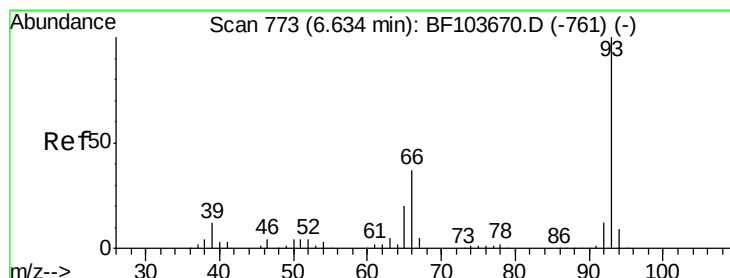
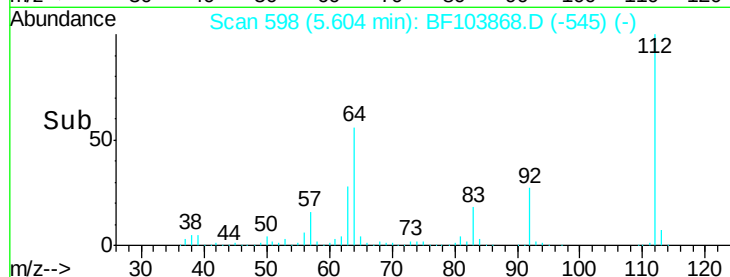
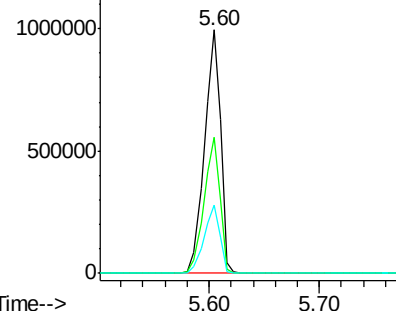
63 28.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.328 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

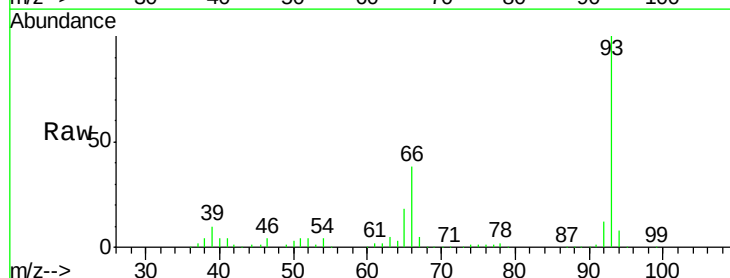
Tgt Ion: 93 Resp: 356732

Ion Ratio Lower Upper

93 100

66 38.2 32.2 48.2

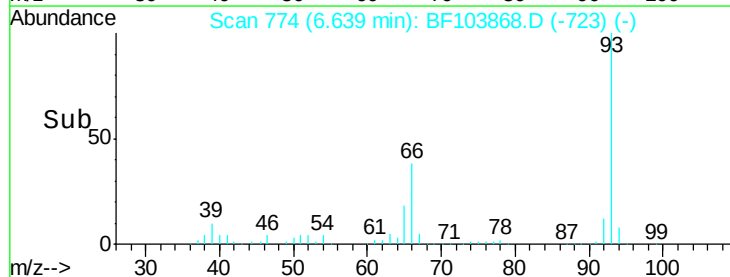
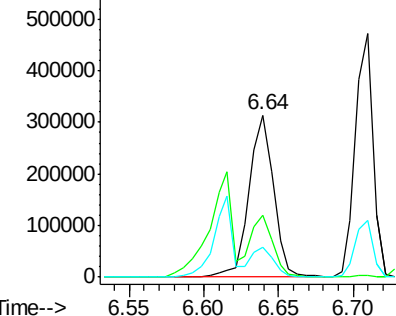
65 18.4 16.4 24.6

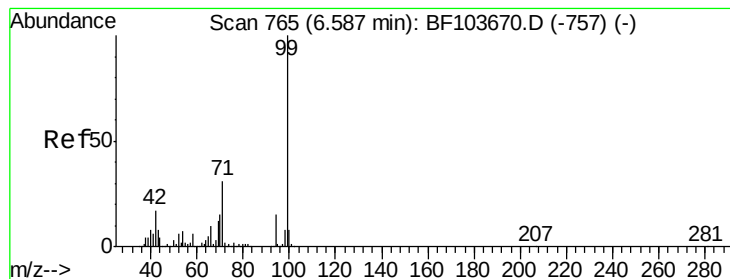


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.779 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

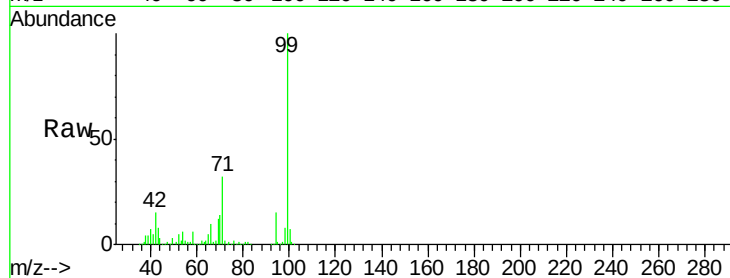
Tot Ion: 99 Resp: 1217105

Ion Ratio Lower Upper

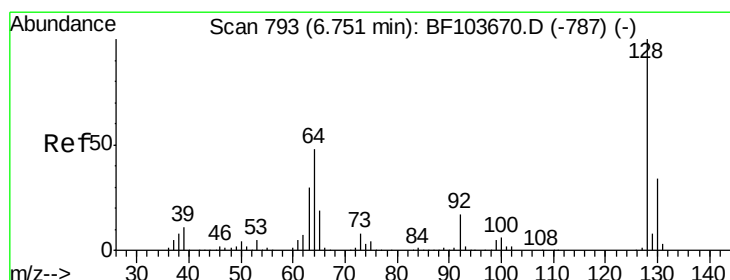
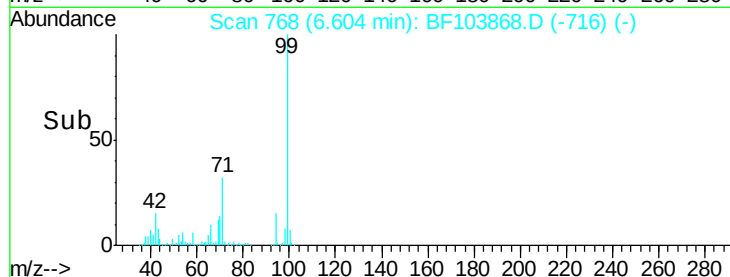
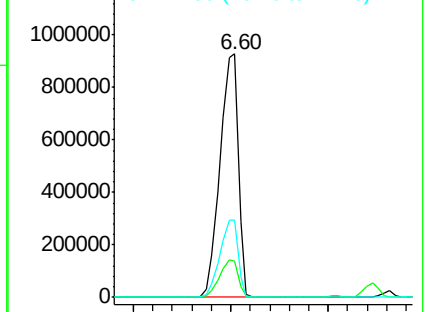
99 100

42 14.9 14.5 21.7

71 31.7 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: 42.993 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

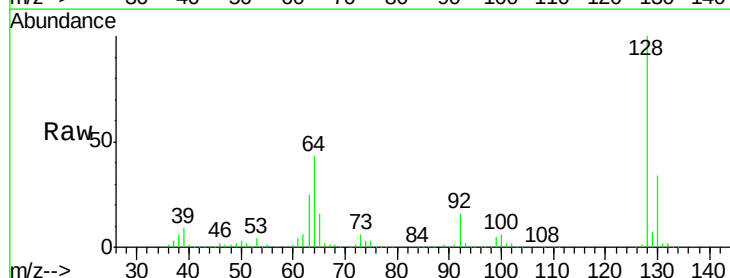
Tgt Ion: 128 Resp: 411892

Ion Ratio Lower Upper

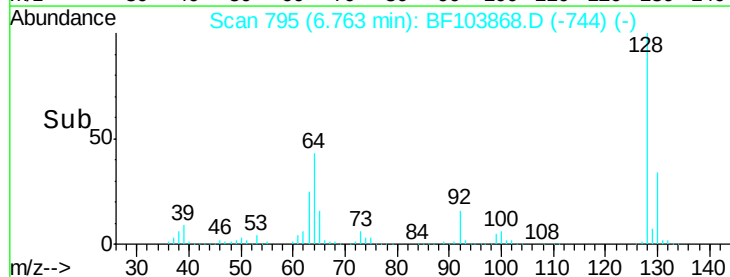
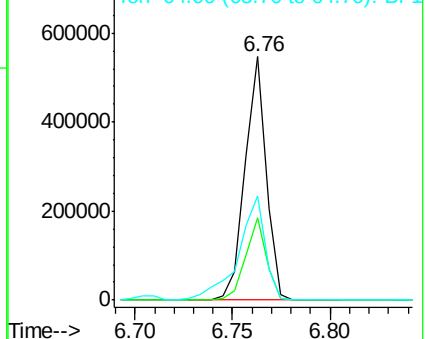
128 100

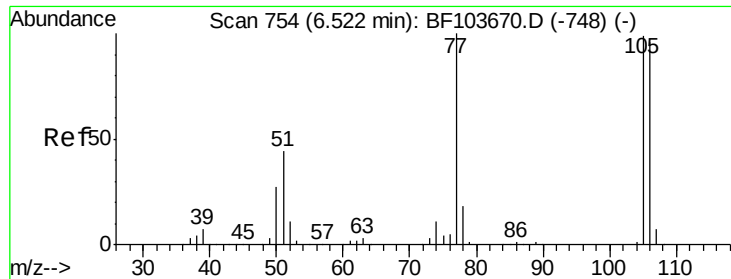
130 33.6 13.0 53.0

64 42.8 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: 15.626 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

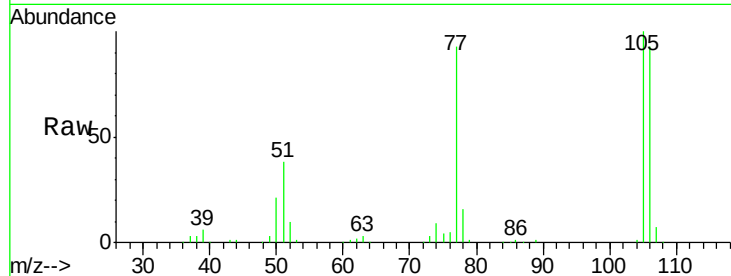
Tot Ion: 77 Resp: 114860

Ion Ratio Lower Upper

77 100

105 107.1 81.1 121.1

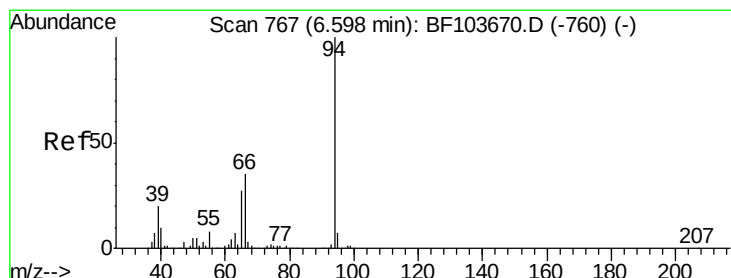
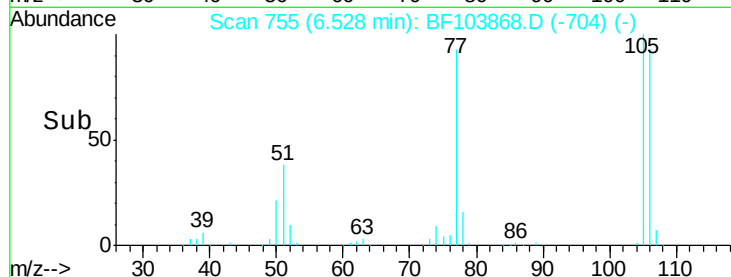
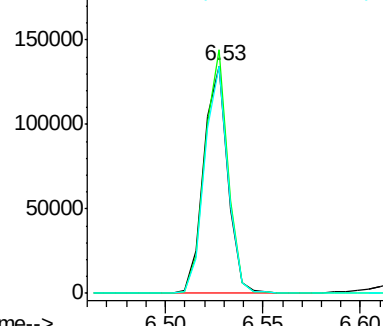
106 99.7 74.5 114.5



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: 41.472 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

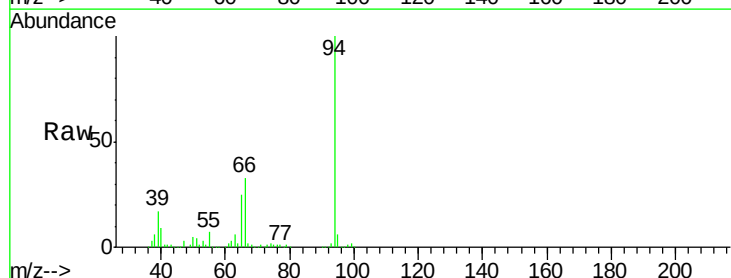
Tgt Ion: 94 Resp: 493078

Ion Ratio Lower Upper

94 100

65 25.1 7.9 47.9

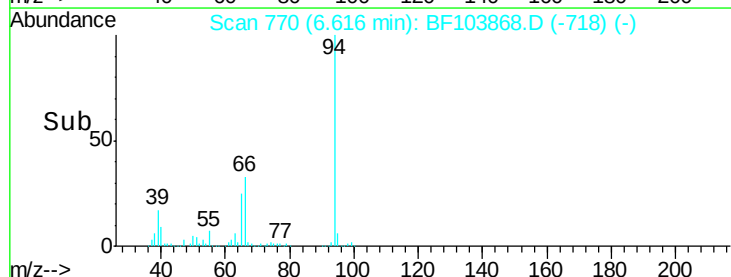
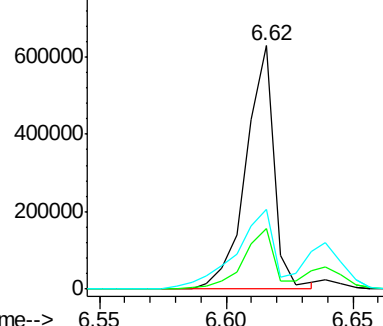
66 32.6 16.2 56.2

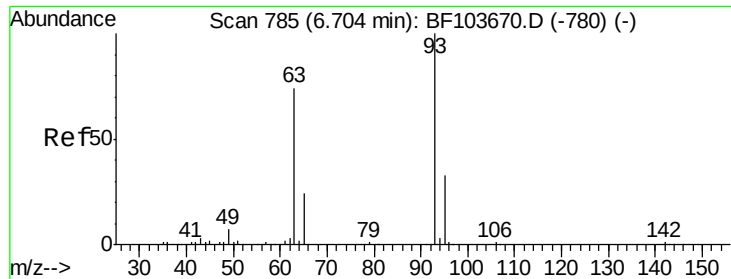


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

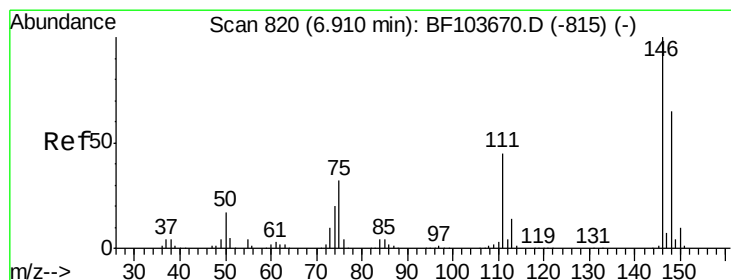
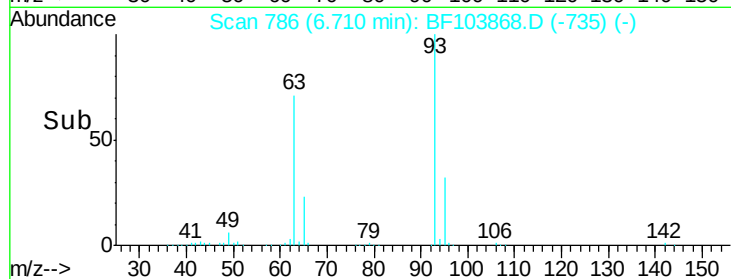
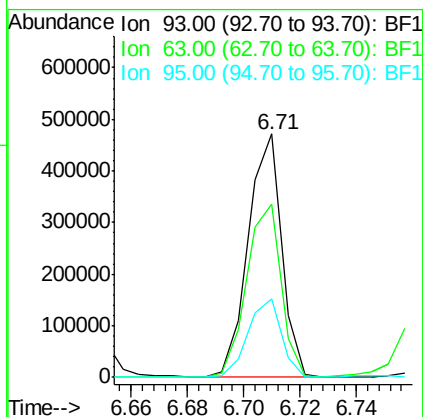
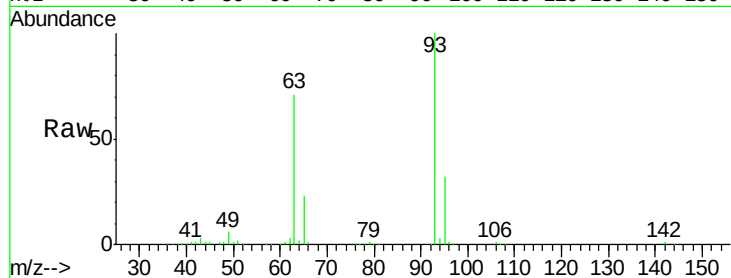




#11
bis(2-Chloroethyl)ether
Concen: 39.450 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

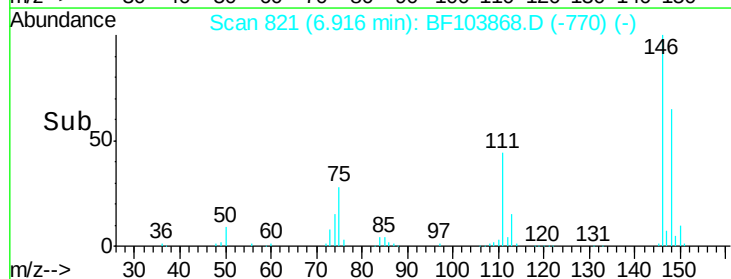
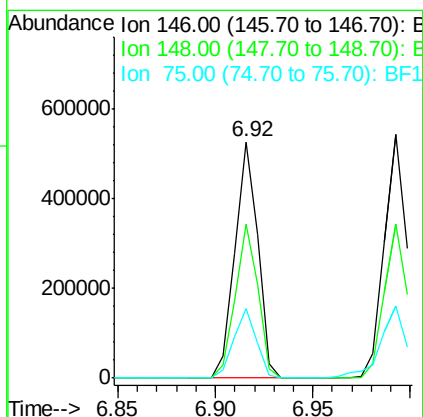
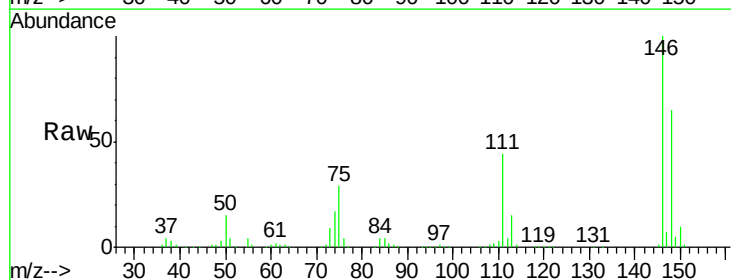
Instrument :
BNA_F
ClientSampleId :

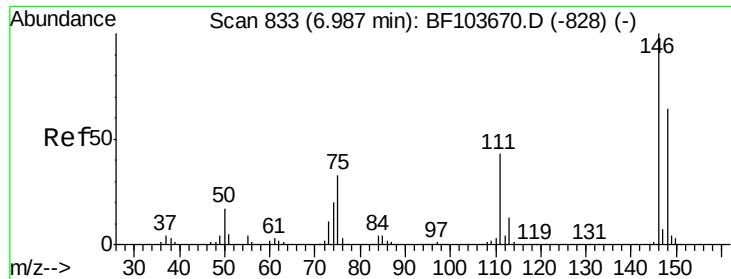
Tot Ion: 93 Resp: 387198
Ion Ratio Lower Upper
93 100
63 71.0 58.6 98.6
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.277 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

Tgt Ion: 146 Resp: 428569
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
75 29.4 24.2 36.4

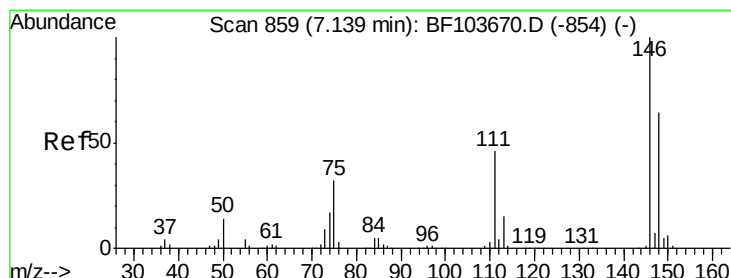
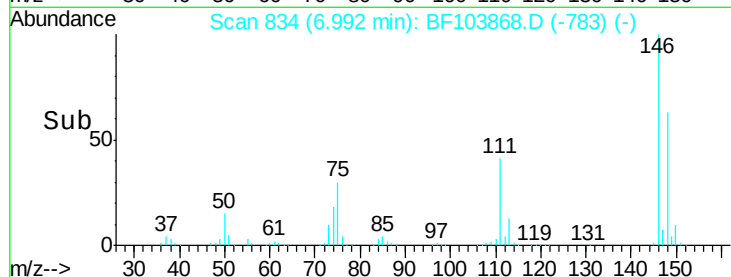
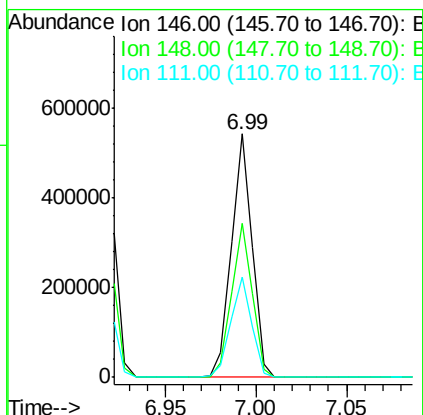
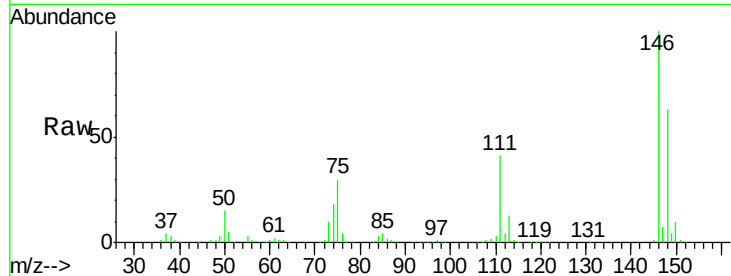




#13
 1,4-Dichlorobenzene
 Concen: 39.541 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF103868.D
 Acq: 23 Mar 2018 9:56

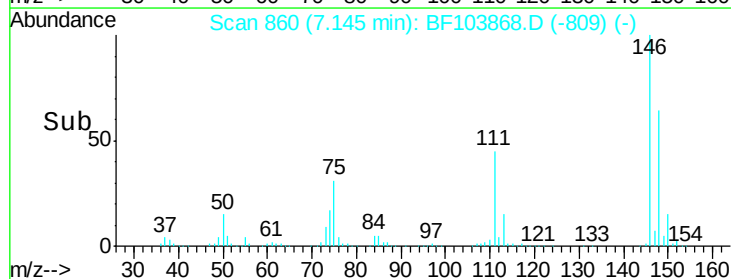
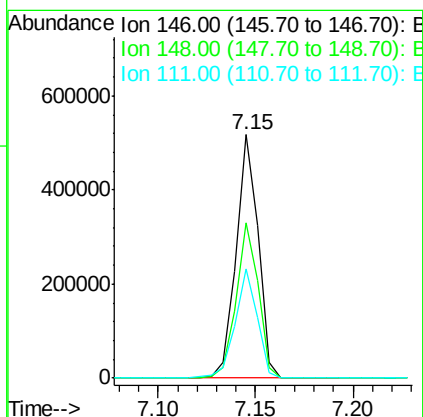
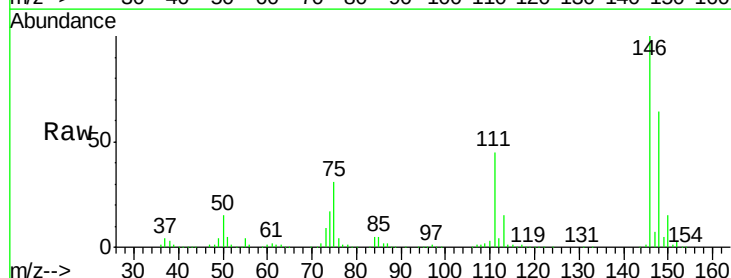
Instrument :
 BNA_F
 ClientSampleId :

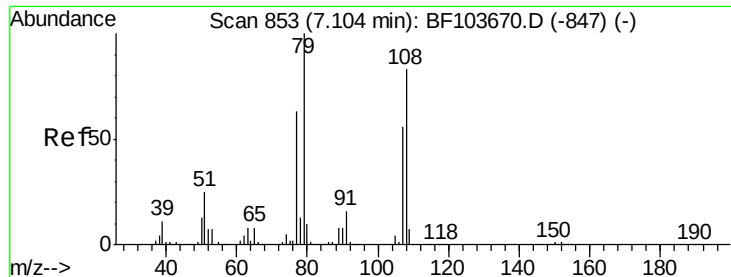
Tot Ion:146 Resp: 433545
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.8 76.2
 111 41.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.574 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF103868.D
 Acq: 23 Mar 2018 9:56

Tgt Ion:146 Resp: 402647
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 44.6 36.0 54.0

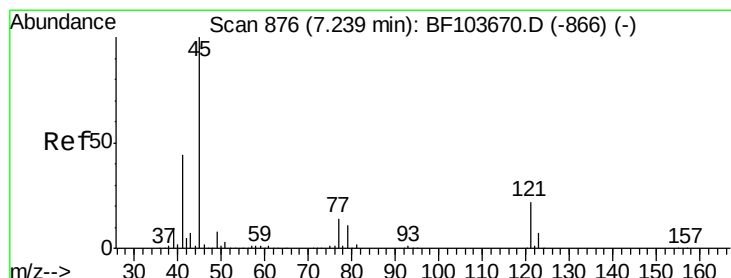
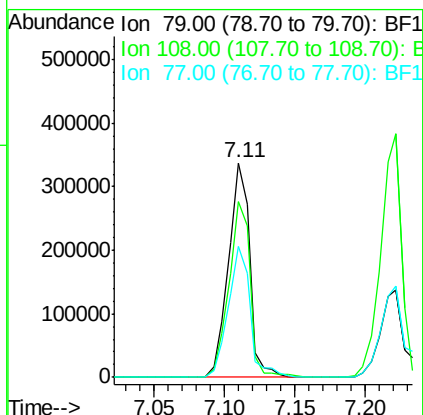
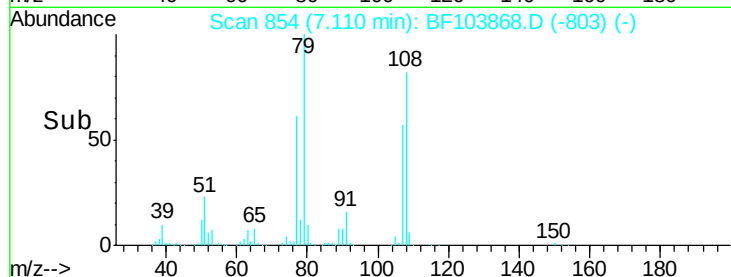
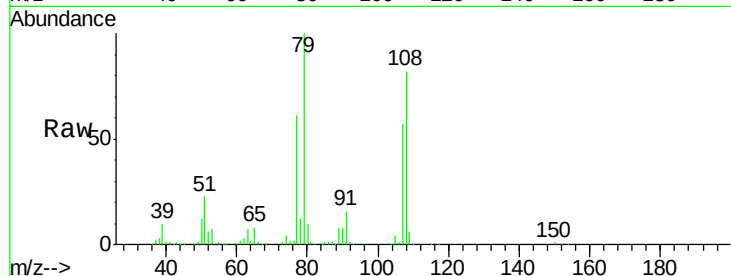




#15
Benzyl Alcohol
Concen: 40.937 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

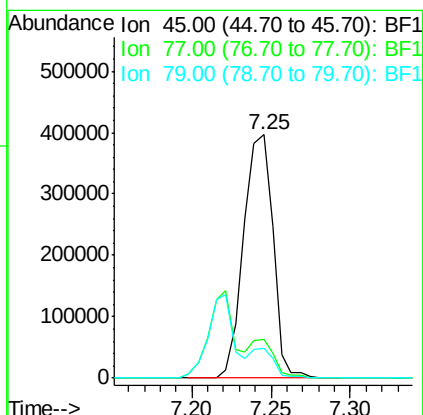
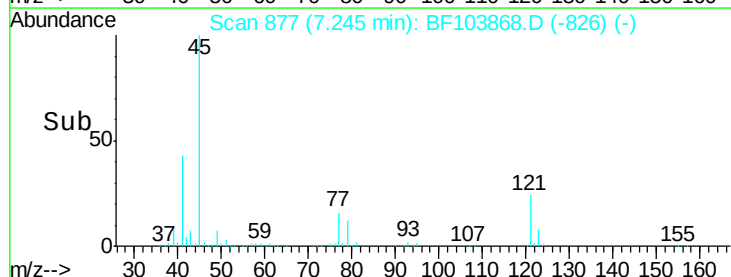
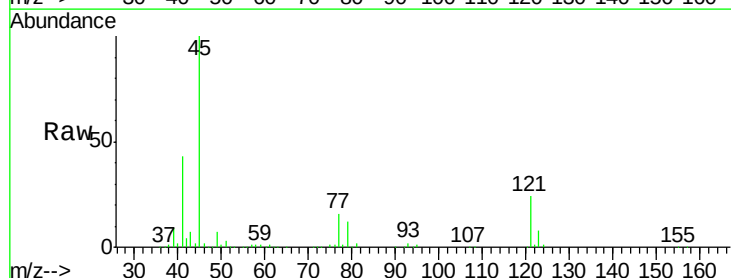
Instrument :
BNA_F
ClientSampled :

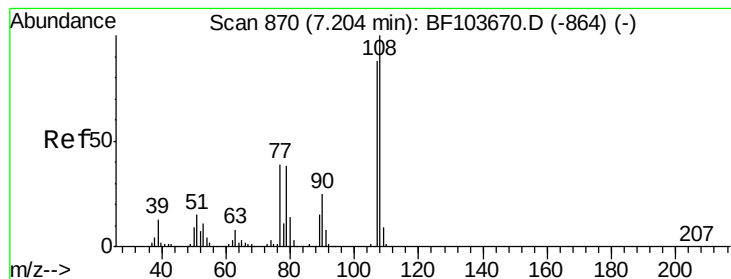
Tot Ion	Ratio	Lower	Upper
79	100		
108	81.7	65.1	97.7
77	61.2	50.6	75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.513 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	32.9
79	12.4	0.0	29.6





#17

2-Methylphenol

Concen: 40.705 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 347276

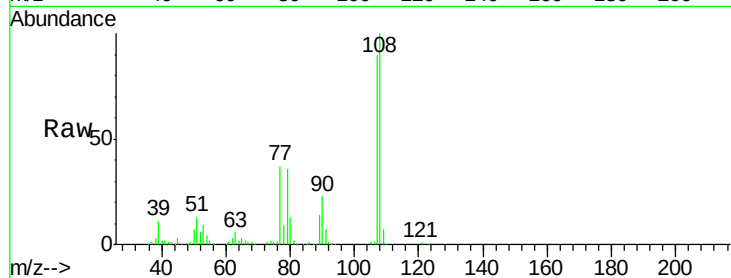
Ion Ratio Lower Upper

107 100

108 111.2 91.7 137.5

77 41.5 33.8 50.8

79 39.7 33.8 50.8

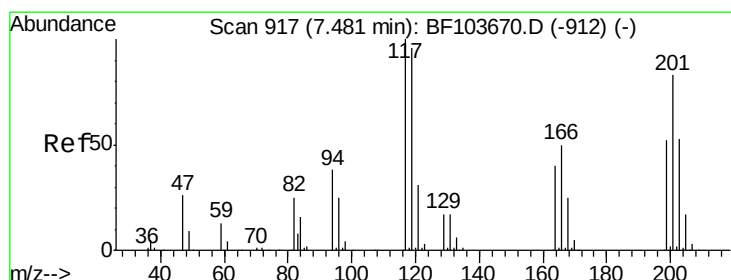
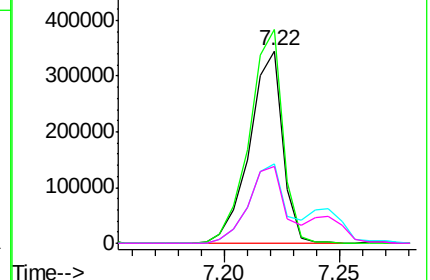
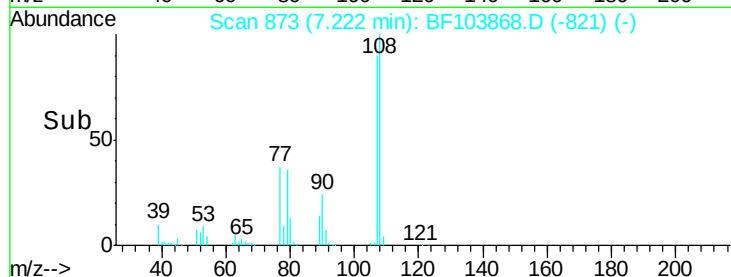


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.696 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

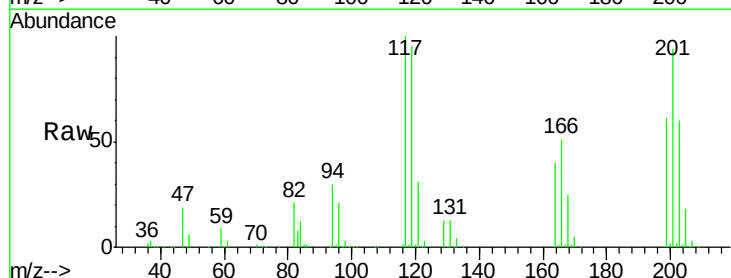
Tgt Ion:117 Resp: 156957

Ion Ratio Lower Upper

117 100

119 95.1 75.8 113.8

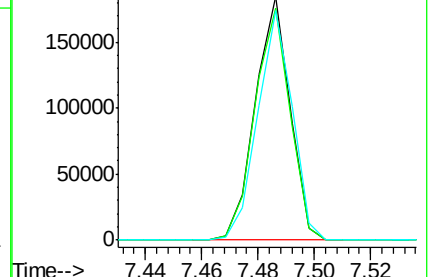
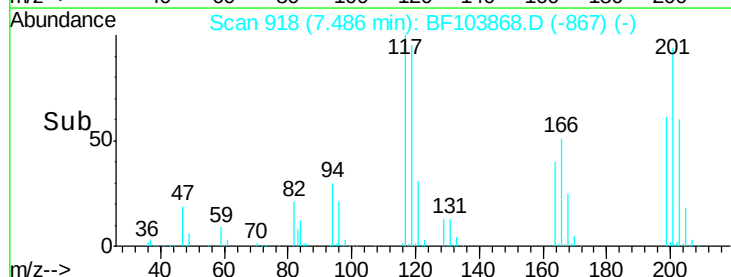
201 94.3 75.7 113.5

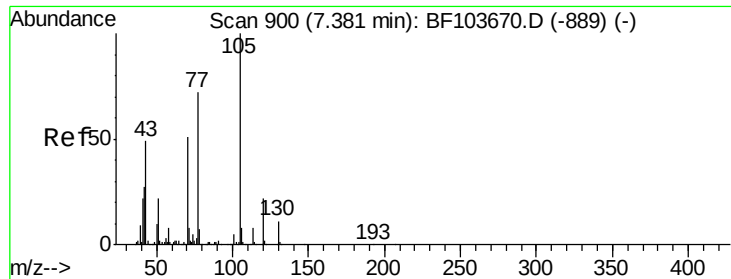


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

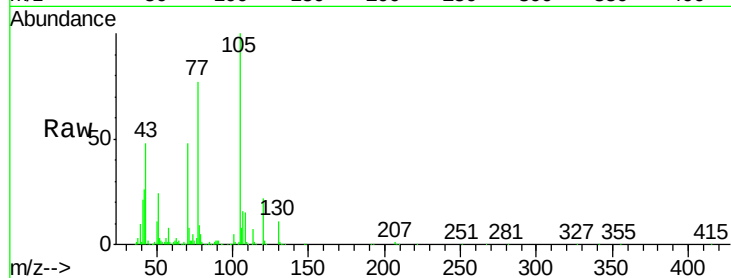




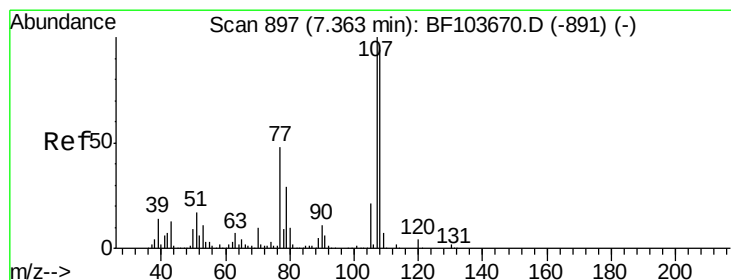
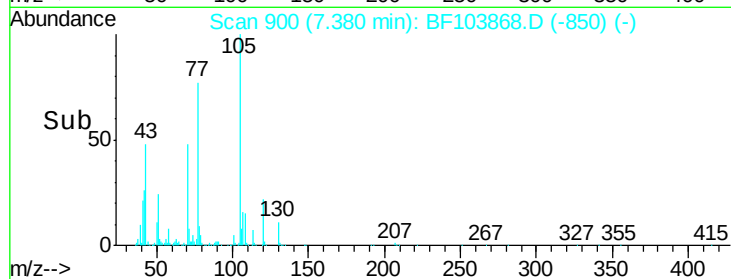
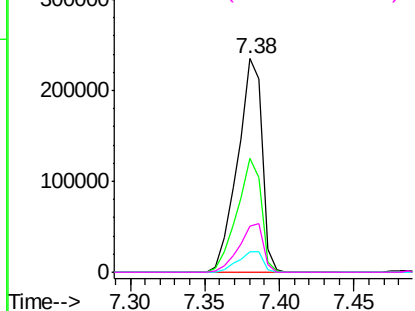
#19
n-Nitroso-di-n-propylamine
Concen: 37.551 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 269261
Ion Ratio Lower Upper
70 100
42 53.2 47.5 71.3
101 9.8 7.4 11.2
130 21.8 16.6 25.0

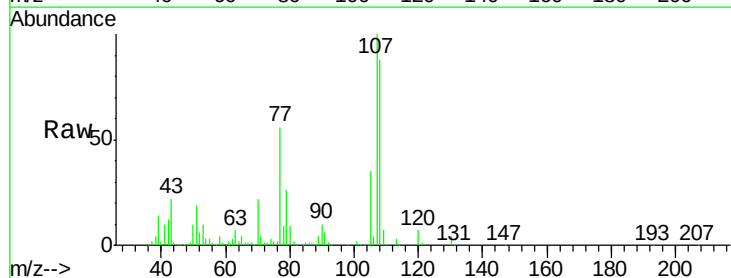


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

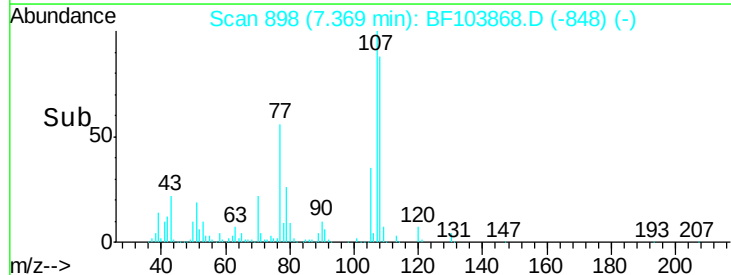
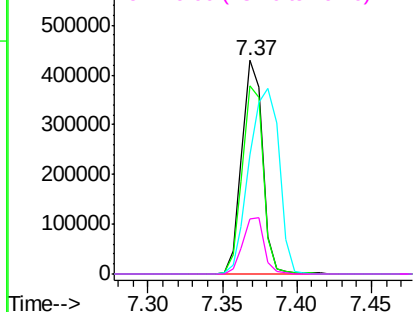


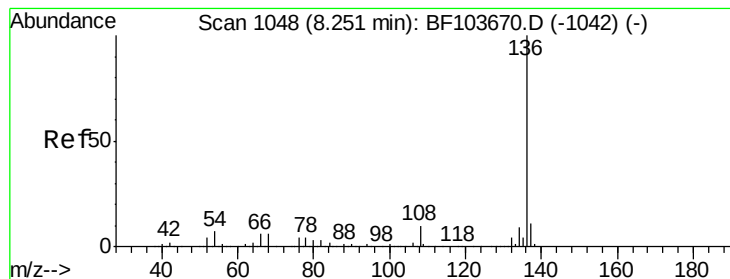
#20
3+4-Methylphenols
Concen: 38.617 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

Tgt Ion: 107 Resp: 418117
Ion Ratio Lower Upper
107 100
108 87.9 68.2 108.2
77 55.9 26.7 66.7
79 26.0 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 571514

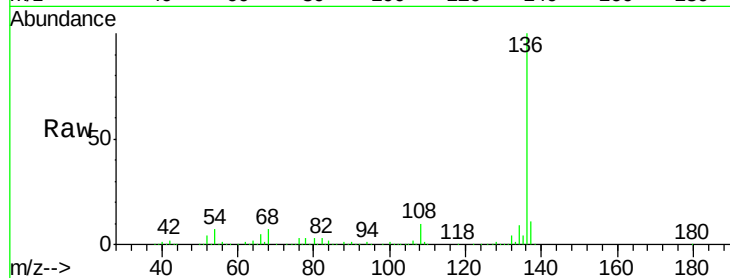
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.3 6.6 9.8

68 6.7 5.0 7.4

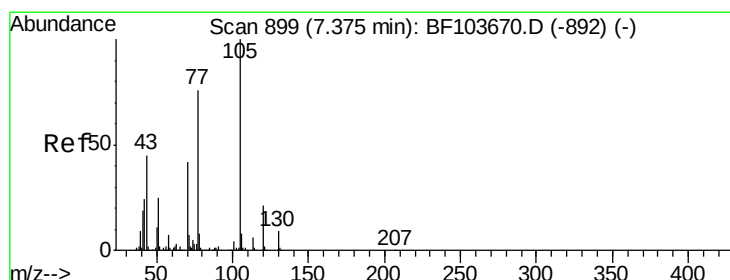
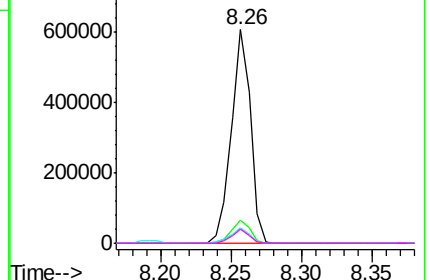
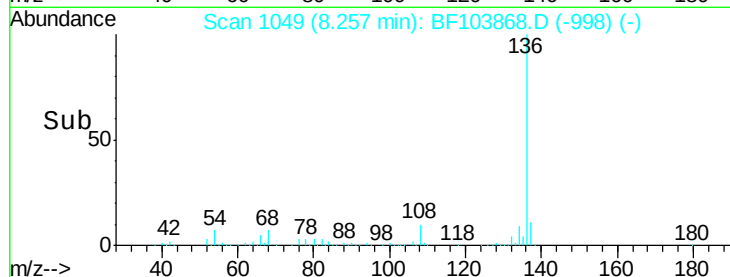


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.078 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Tgt Ion:105 Resp: 544608

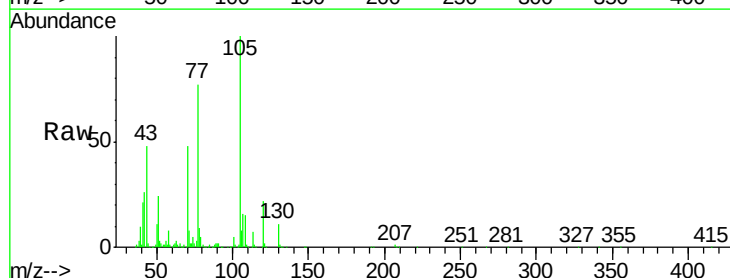
Ion Ratio Lower Upper

105 100

71 8.1 4.4 6.6#

51 23.8 22.3 33.5

120 22.0 16.9 25.3

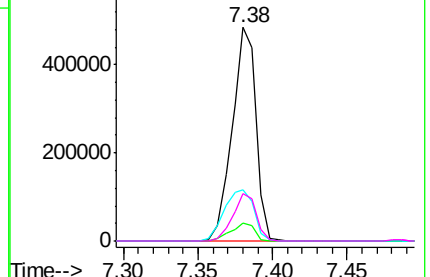
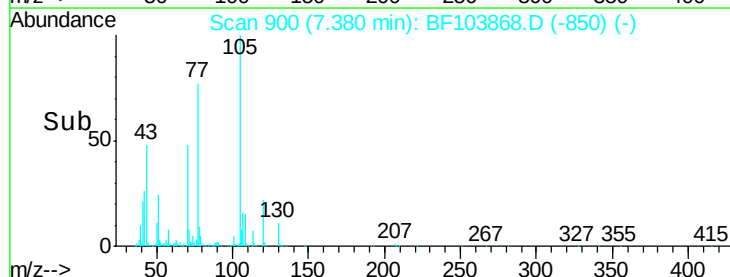


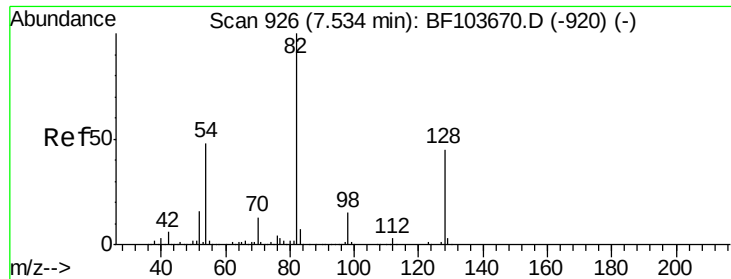
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

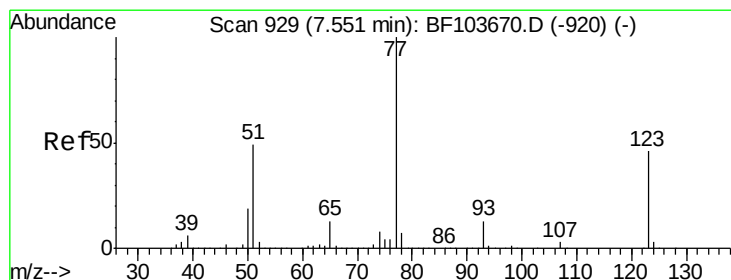
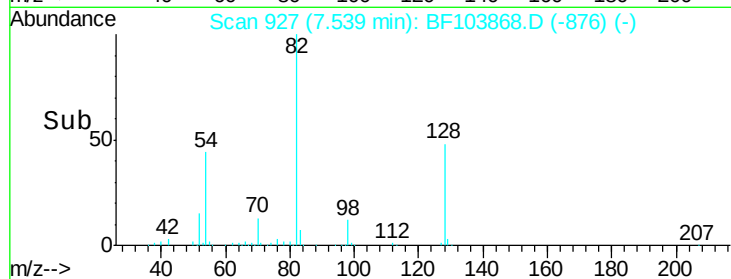
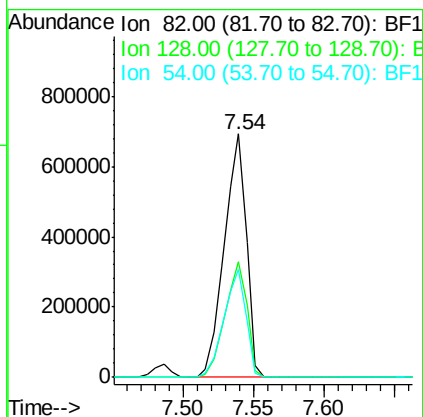
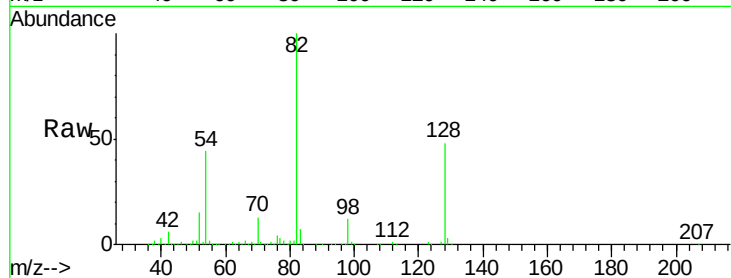




#23
 Nitrobenzene-d5
 Concen: 91.756 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103868.D
 Acq: 23 Mar 2018 9:56

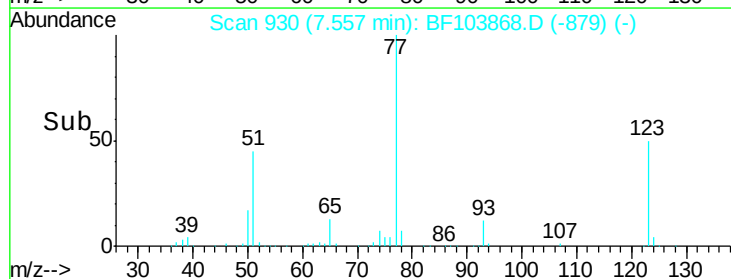
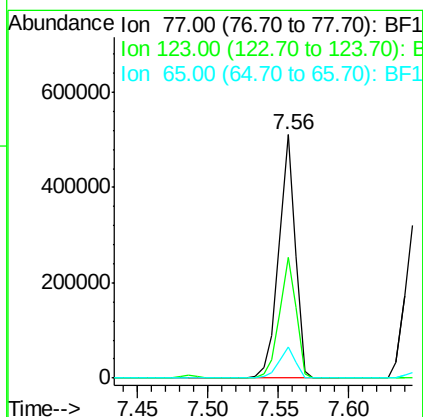
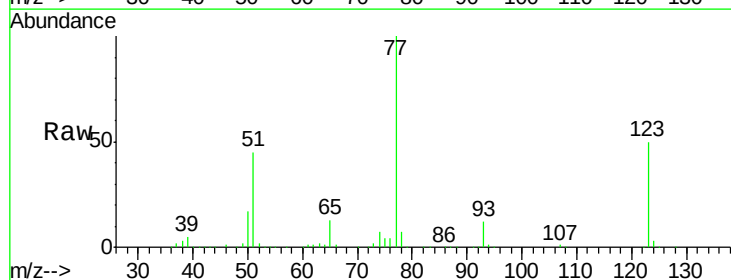
Instrument :
 BNA_F
 ClientSampleId :

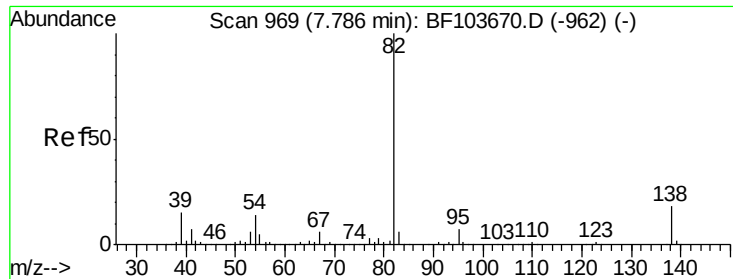
Tot Ion	82	Resp	751981
Ion Ratio	100	Lower	Upper
128	47.6	36.1	54.1
54	44.3	41.4	62.2



#24
 Nitrobenzene
 Concen: 43.406 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF103868.D
 Acq: 23 Mar 2018 9:56

Tgt Ion	77	Resp	417630
Ion Ratio	100	Lower	Upper
123	49.7	37.9	56.9
65	12.7	11.0	16.4





#25

Isophorone

Concen: 41.121 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

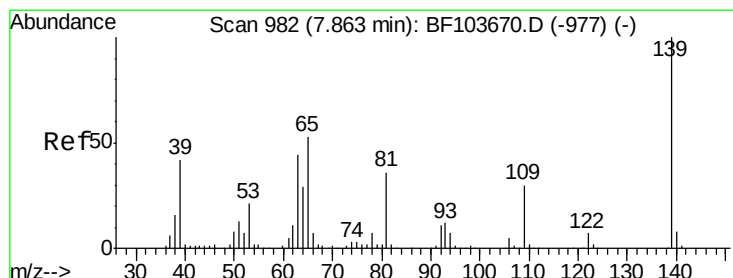
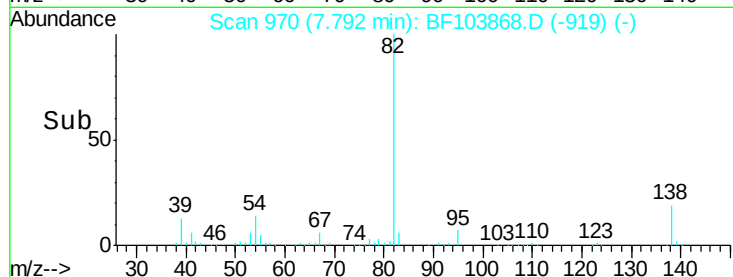
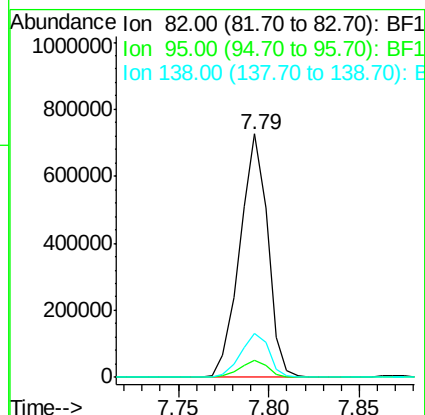
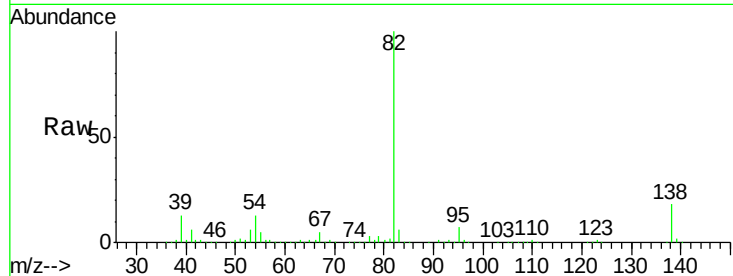
Tot Ion: 82 Resp: 780135

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.3 14.9 22.3



#26

2-Nitrophenol

Concen: 59.364 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

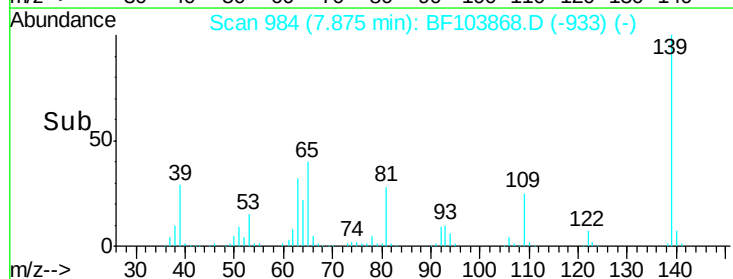
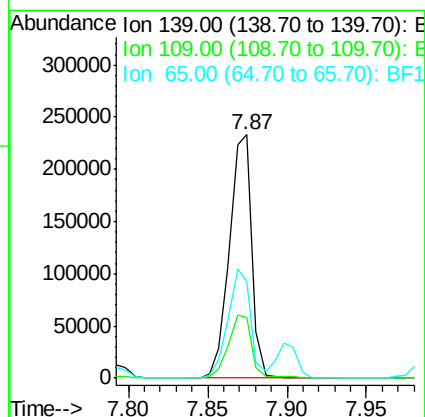
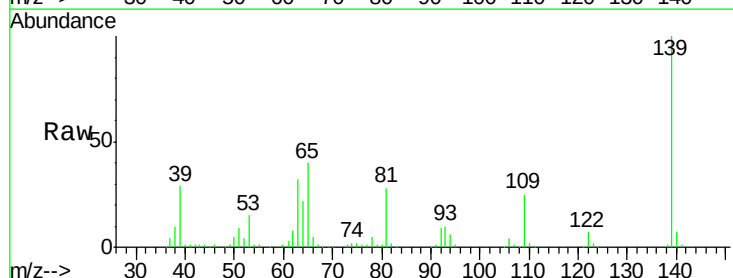
Tgt Ion: 139 Resp: 227500

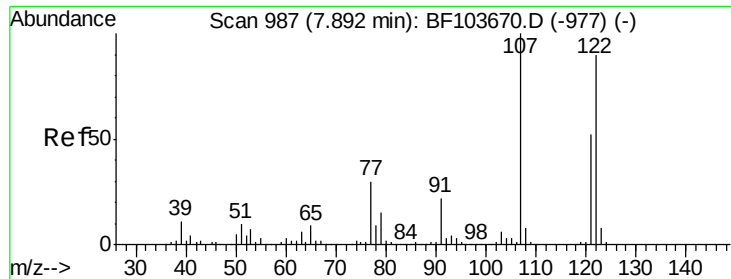
Ion Ratio Lower Upper

139 100

109 25.1 22.7 34.1

65 39.7 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 48.083 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampled :

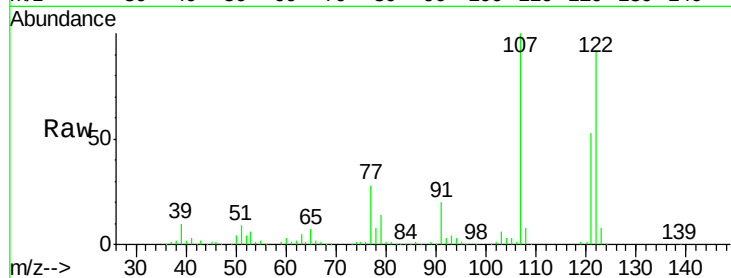
Tot Ion:122 Resp: 390799

Ion Ratio Lower Upper

122 100

107 109.0 91.2 136.8

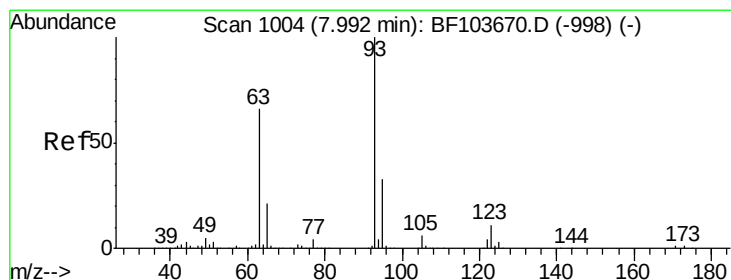
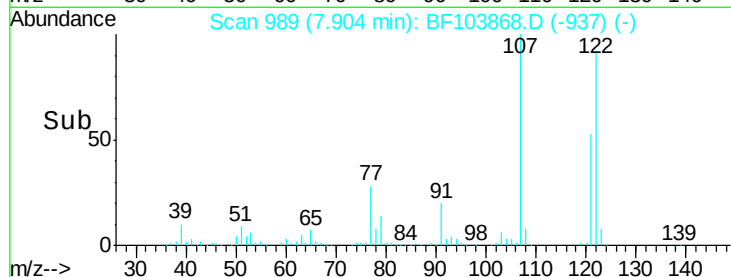
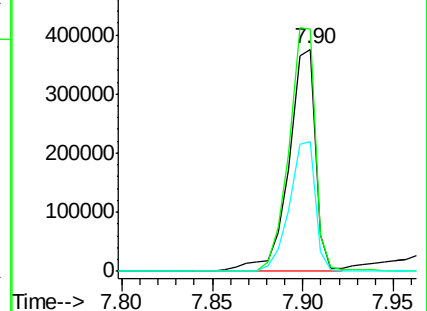
121 58.3 47.2 70.8



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: 43.581 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

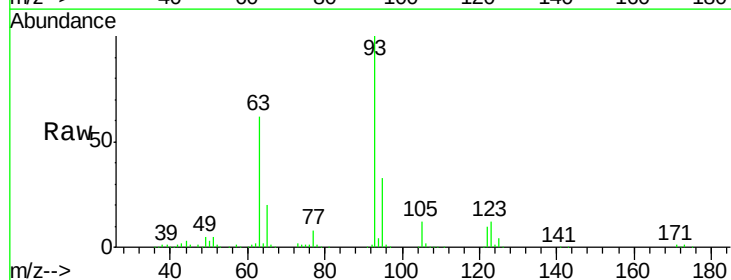
Tgt Ion: 93 Resp: 500669

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

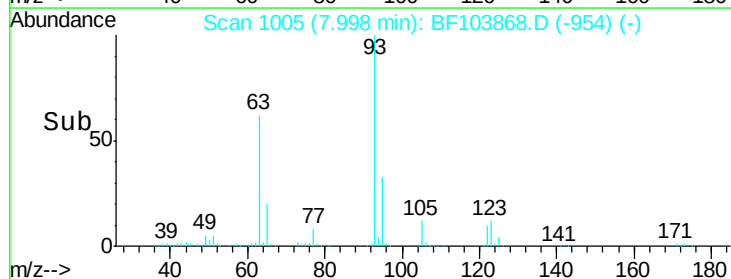
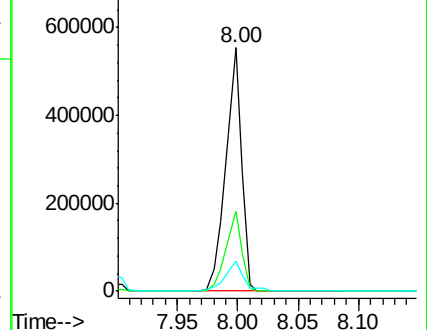
123 12.0 9.8 14.6

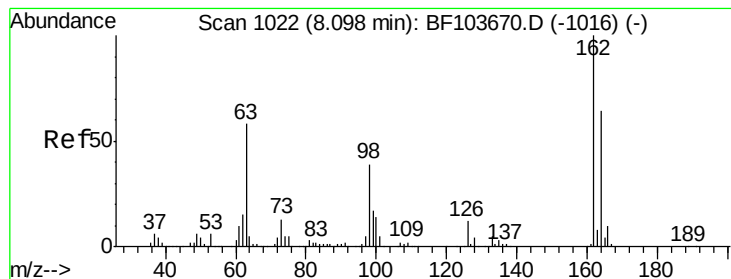


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.946 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

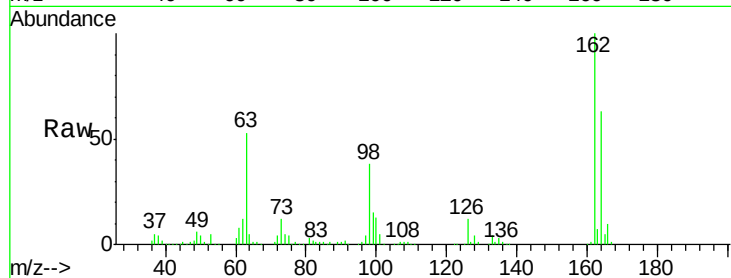
Tot Ion:162 Resp: 347134

Ion Ratio Lower Upper

162 100

164 63.1 42.7 82.7

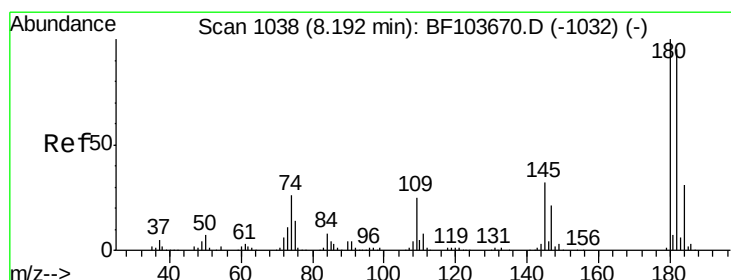
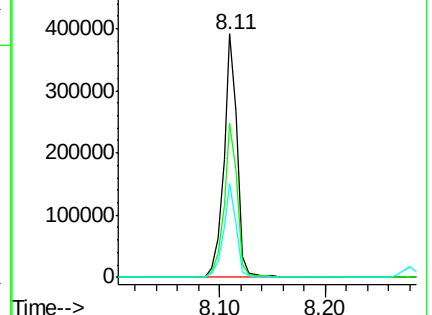
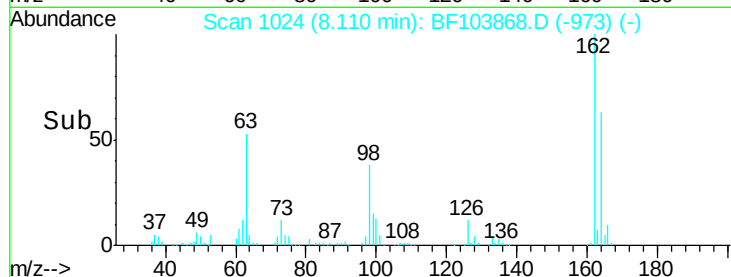
98 38.3 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.590 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

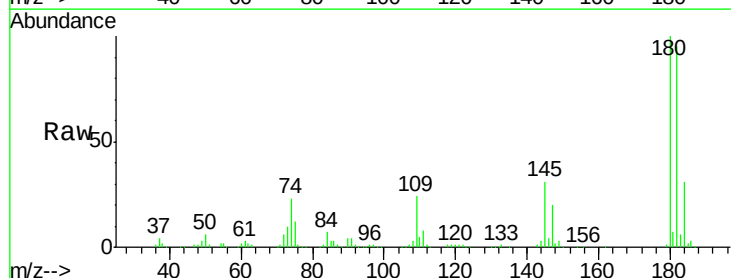
Tgt Ion:180 Resp: 348108

Ion Ratio Lower Upper

180 100

182 95.4 76.8 115.2

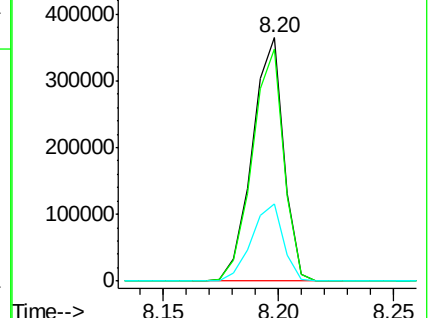
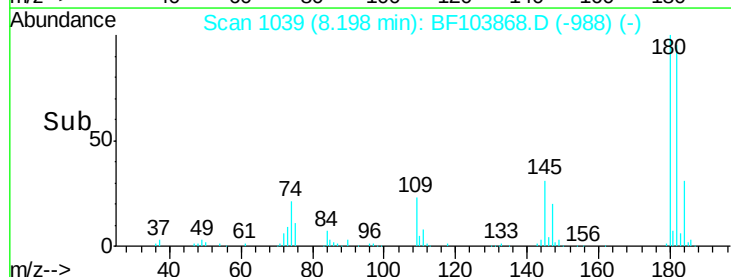
145 31.5 26.5 39.7

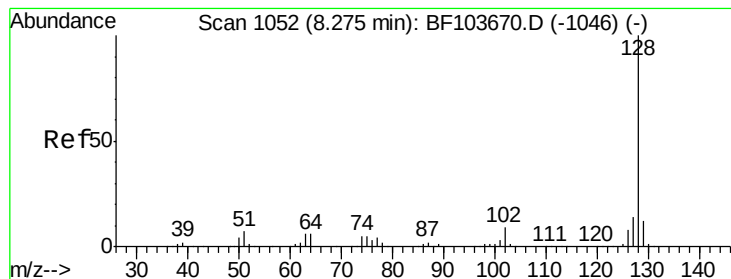


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.143 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

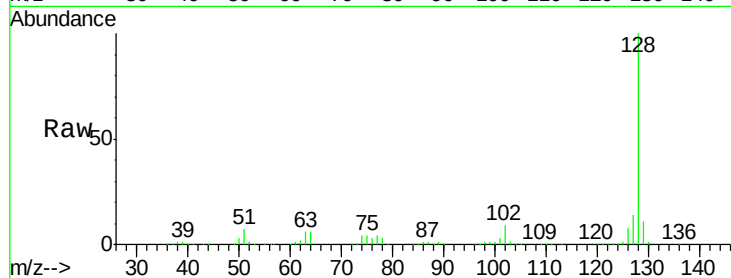
Tot Ion:128 Resp: 1158930

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

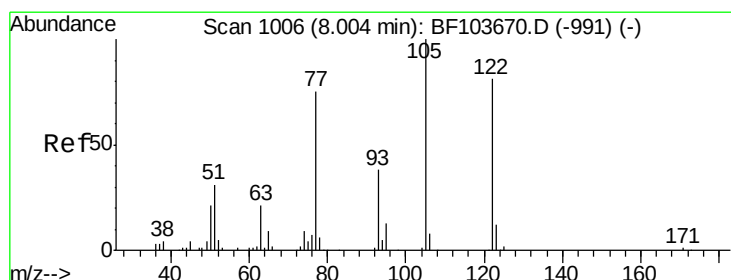
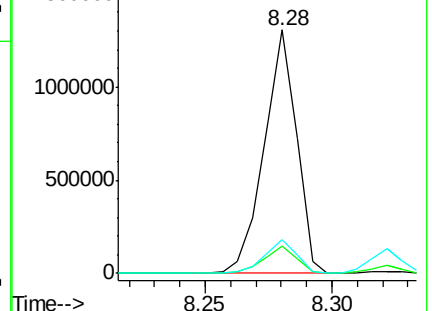
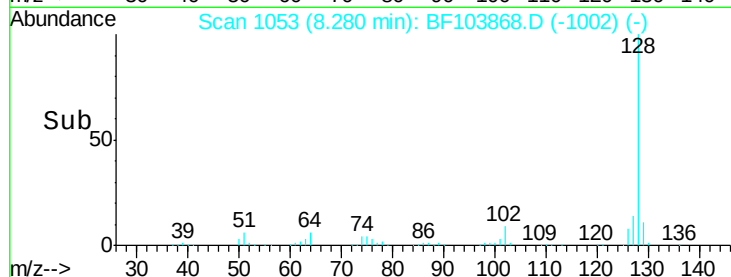
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.838 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

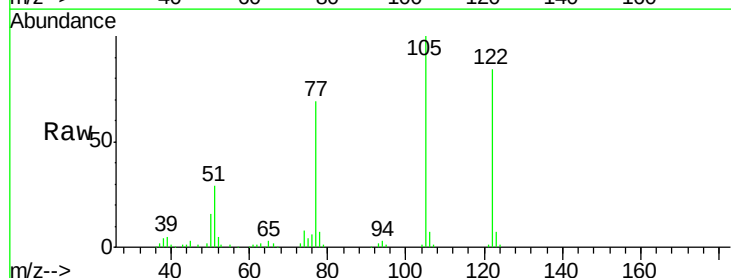
Tgt Ion:122 Resp: 259648

Ion Ratio Lower Upper

122 100

105 119.6 101.1 141.1

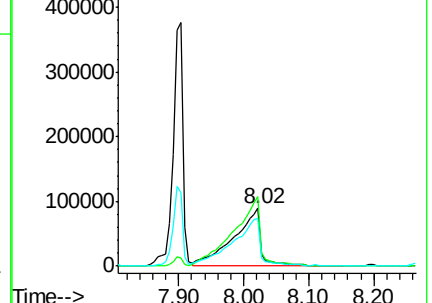
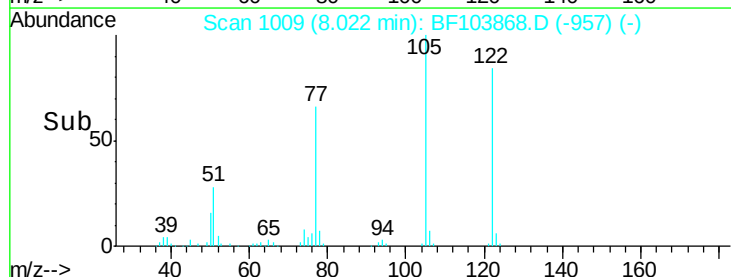
77 82.1 70.7 110.7

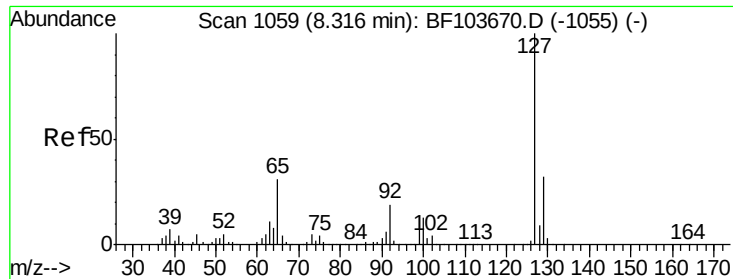


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

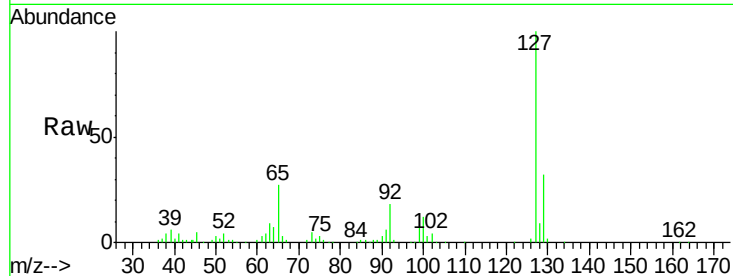




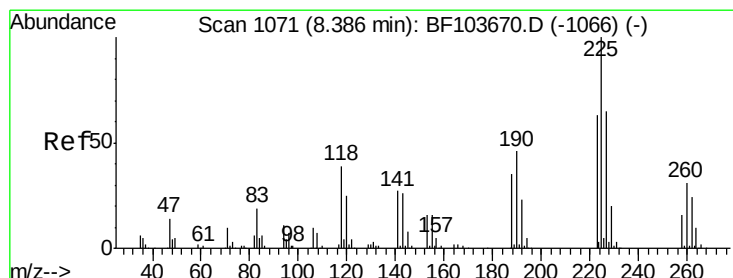
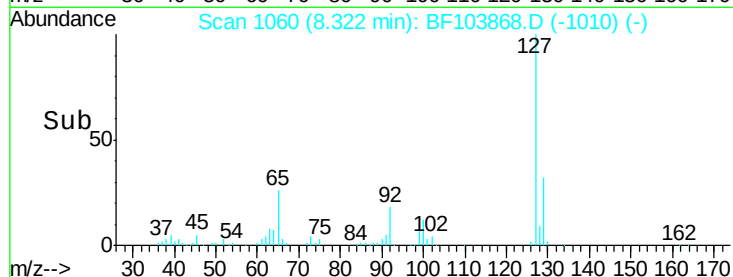
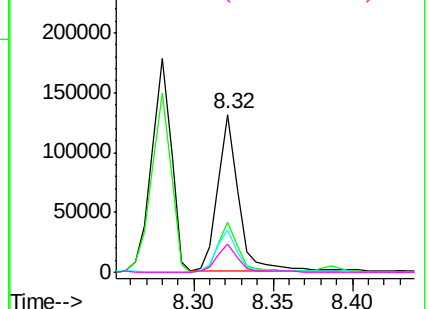
#33
4-Chloroaniline
Concen: 10.097 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	122297
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	26.5	25.0	37.4
92	17.5	15.2	22.8

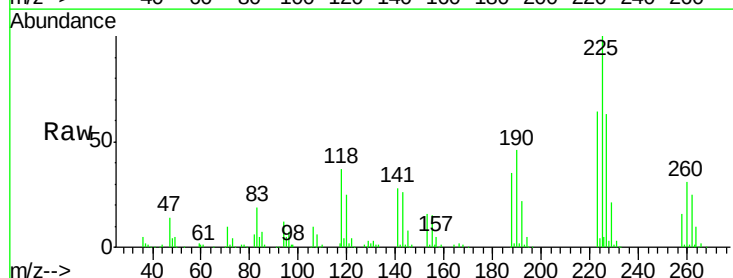


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

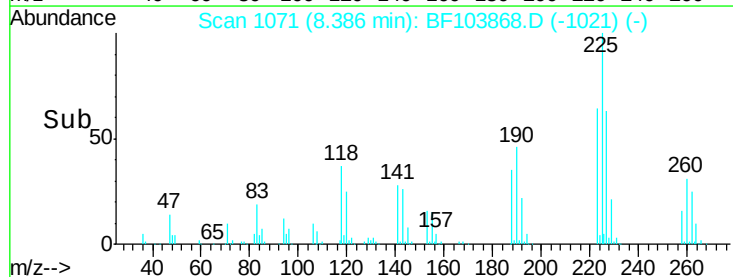
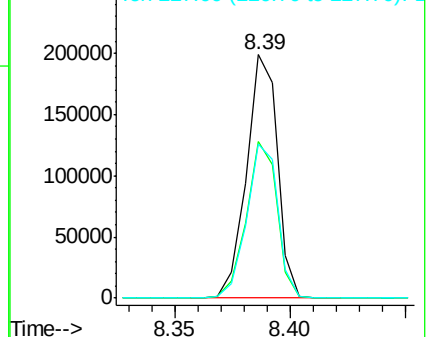


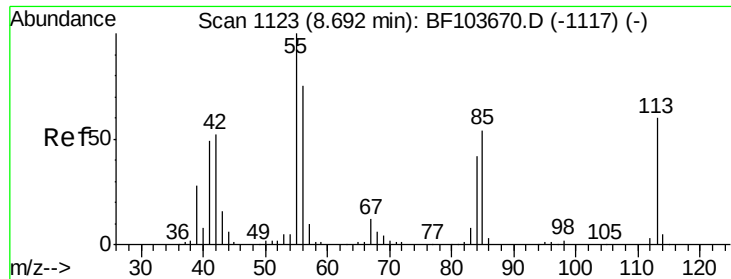
#34
Hexachlorobutadiene
Concen: 39.717 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

Tgt Ion:	225	Resp:	186757
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	63.3	51.9	77.9



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

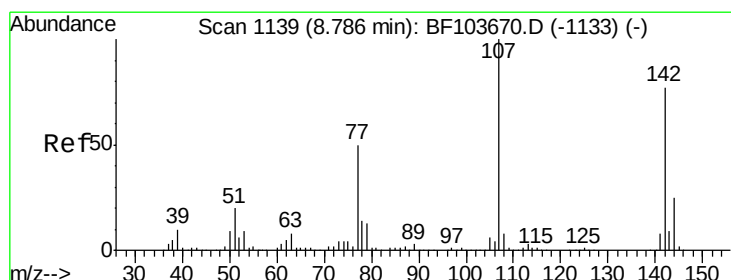
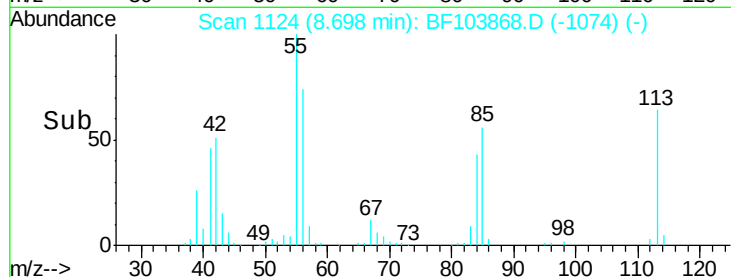
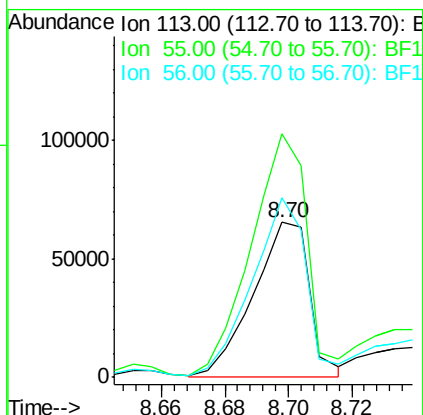
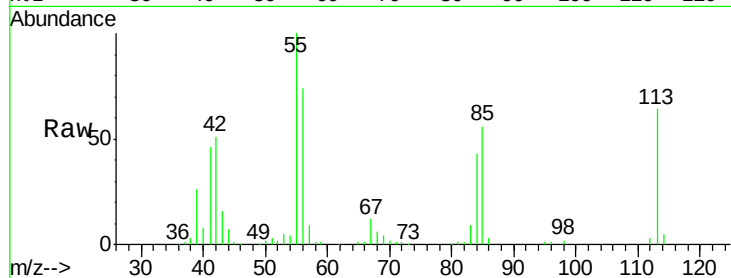




#35
 Caprolactam
 Concen: 31.818 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF103868.D
 Acq: 23 Mar 2018 9:56

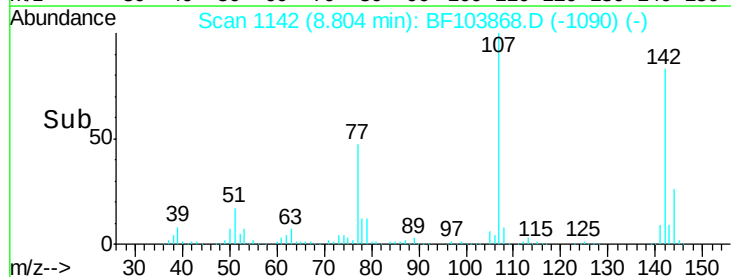
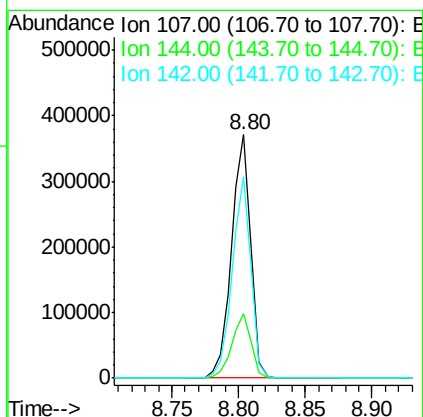
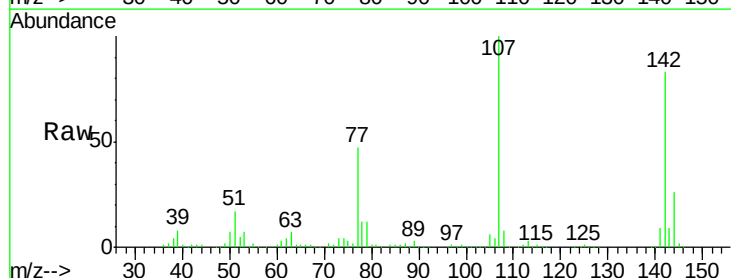
Instrument :
 BNA_F
 ClientSampleId :

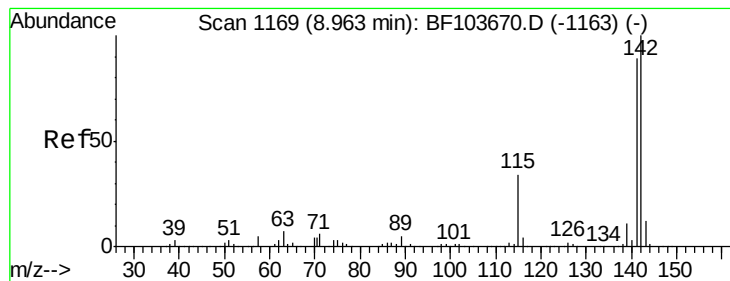
Tot Ion:113 Resp: 81014
 Ion Ratio Lower Upper
 113 100
 55 156.8 163.3 203.3#
 56 116.0 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.312 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF103868.D
 Acq: 23 Mar 2018 9:56

Tgt Ion:107 Resp: 377517
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 82.6 62.0 93.0

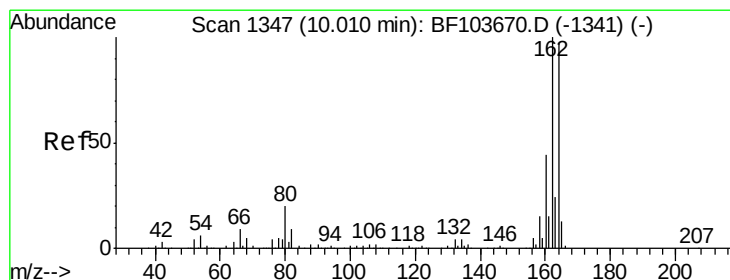
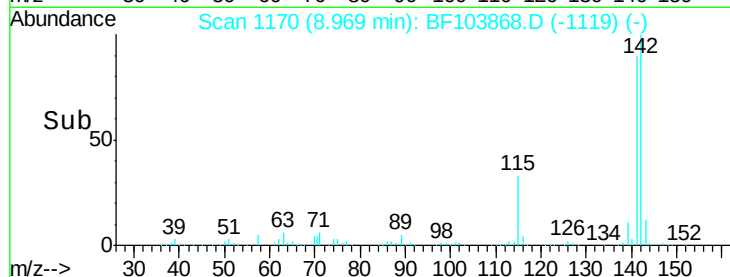
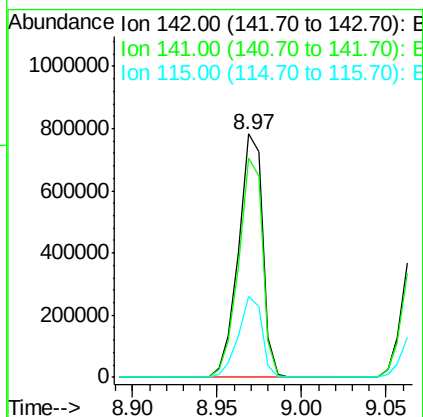
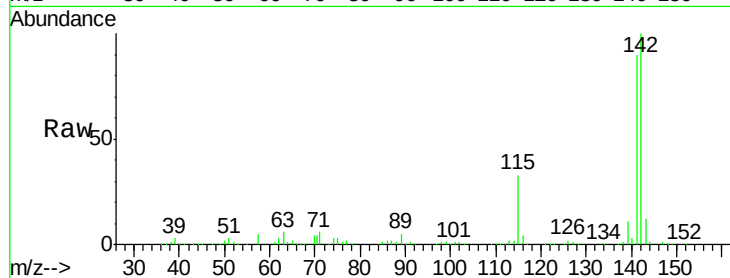




#37
2-Methylnaphthalene
Concen: 42.714 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

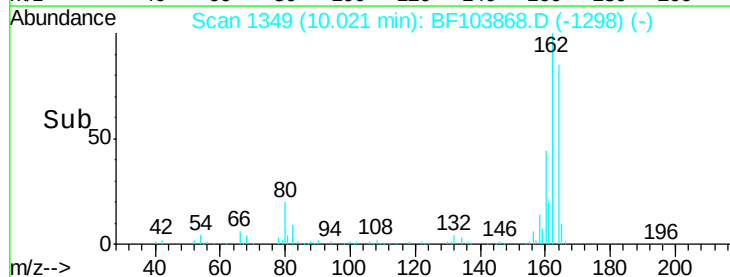
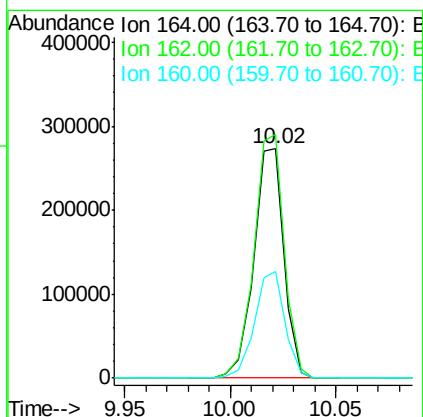
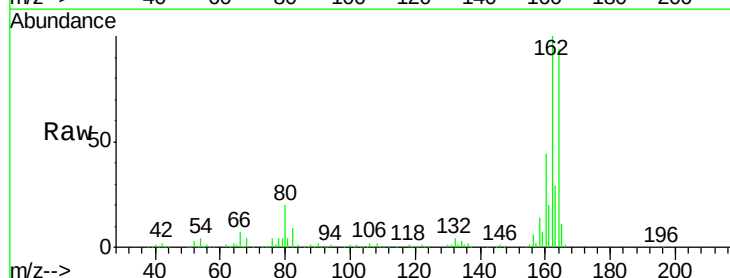
Instrument :
BNA_F
ClientSampleId :

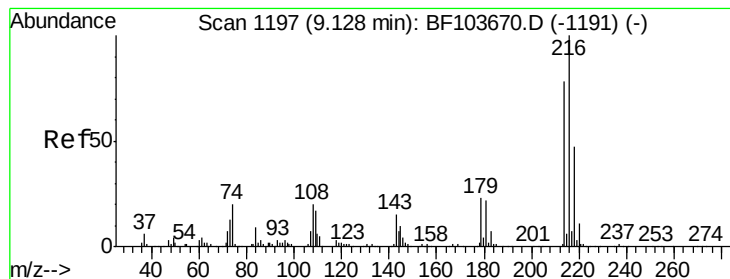
Tot Ion:142 Resp: 782011
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2
115 33.4 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

Tgt Ion:164 Resp: 271411
Ion Ratio Lower Upper
164 100
162 106.3 86.1 129.1
160 46.7 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.106 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 326032

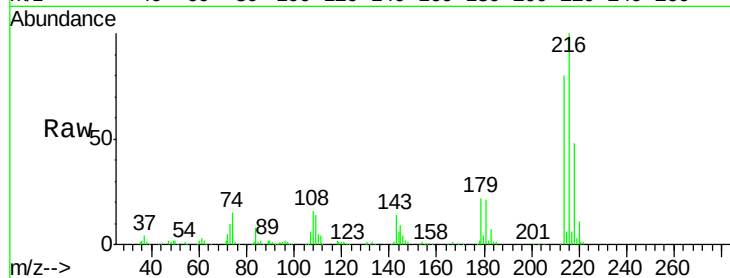
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 22.3 18.1 27.1

108 22.1 17.2 25.8

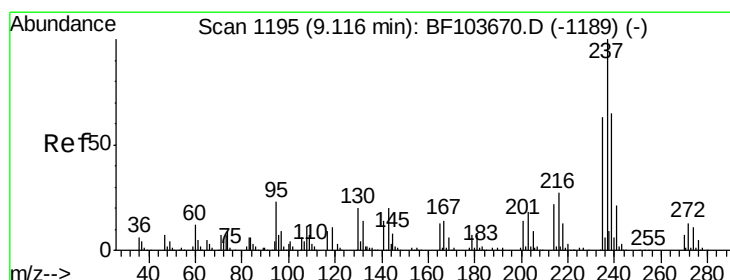
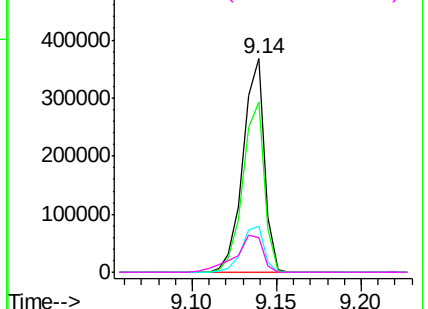
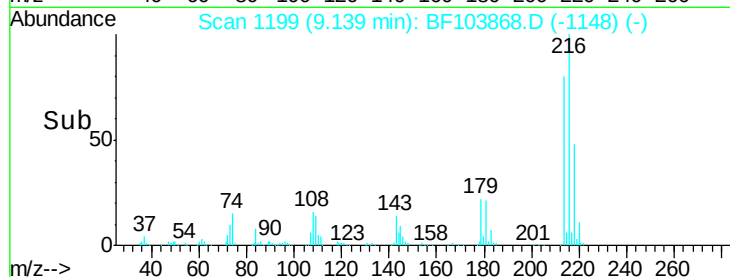


Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.661 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

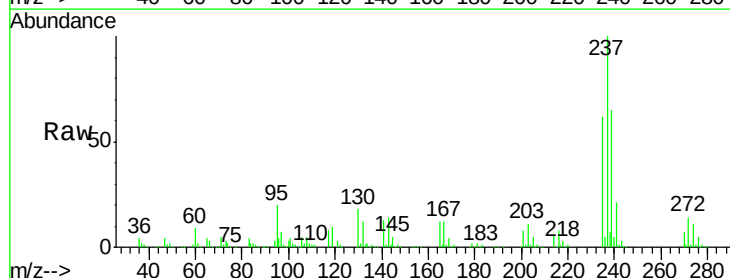
Tgt Ion:237 Resp: 362230

Ion Ratio Lower Upper

237 100

235 61.5 44.8 84.8

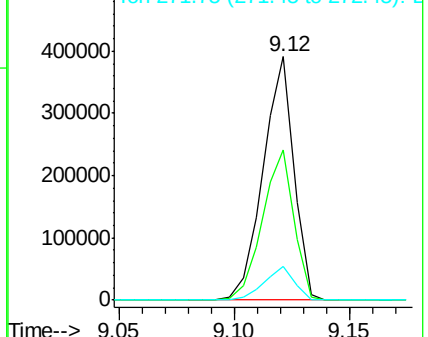
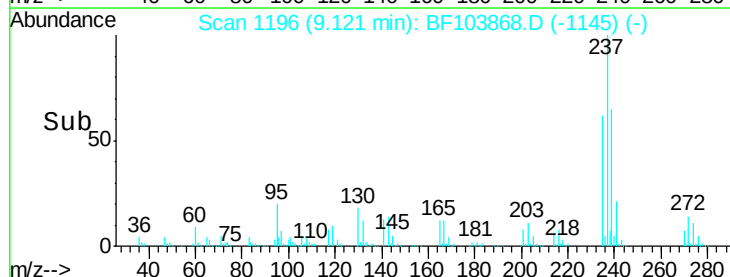
272 13.7 0.0 33.3

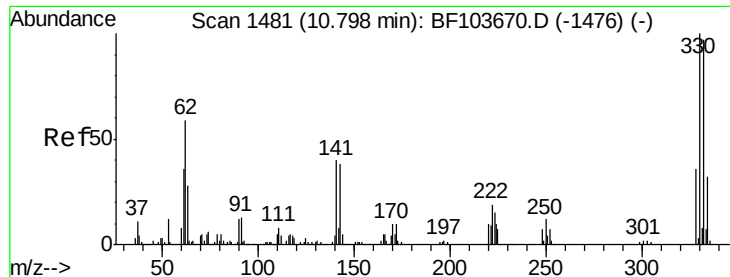


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

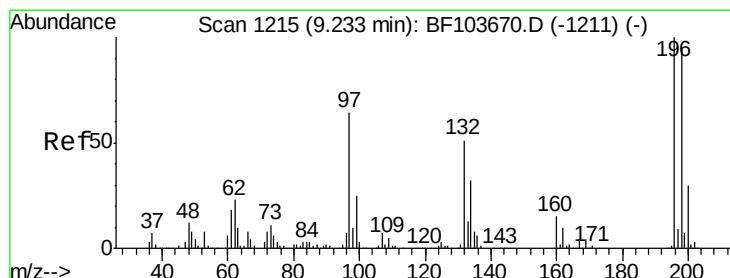
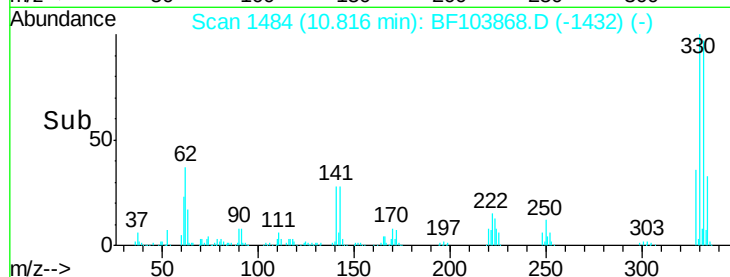
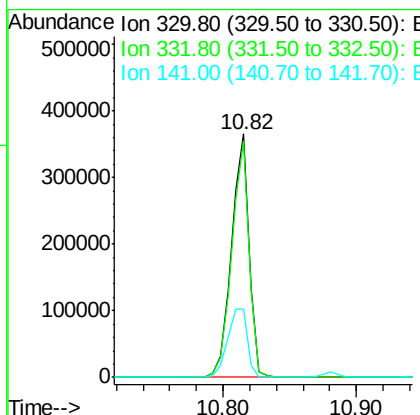
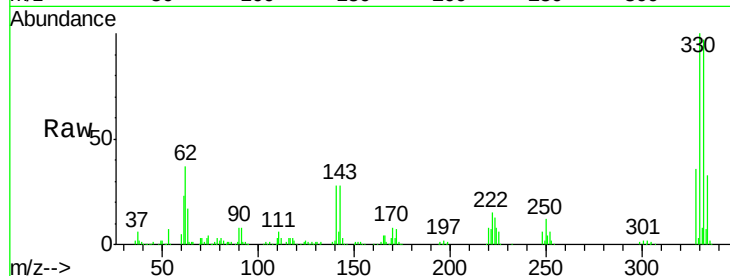




#41
 2,4,6-Tribromophenol
 Concen: 145.283 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103868.D
 Acq: 23 Mar 2018 9:56

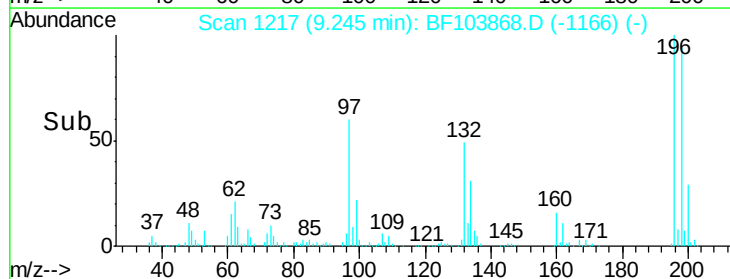
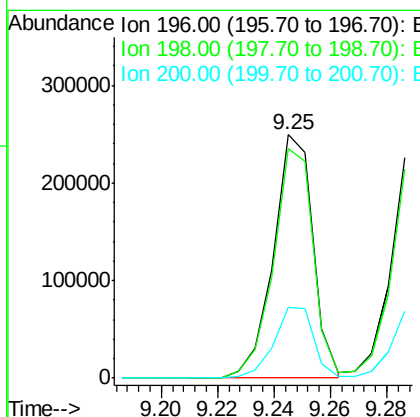
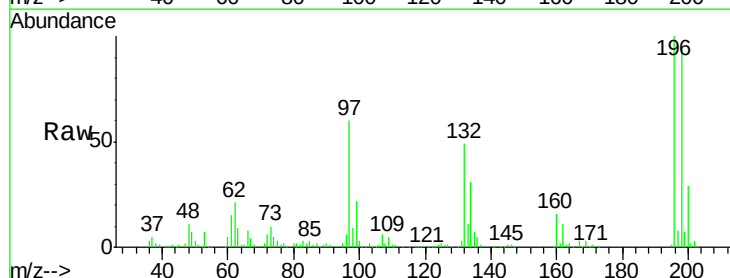
Instrument :
 BNA_F
 ClientSampled :

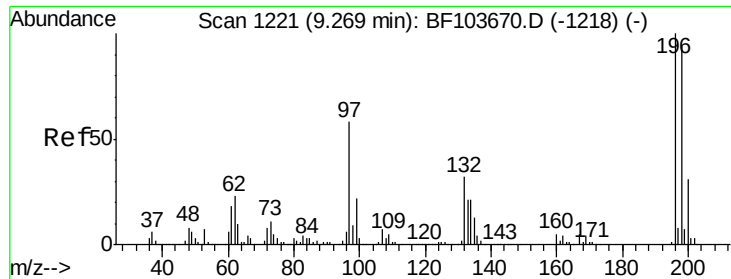
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	31.9	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 48.825 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF103868.D
 Acq: 23 Mar 2018 9:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.7	113.5
200	29.3	24.5	36.7

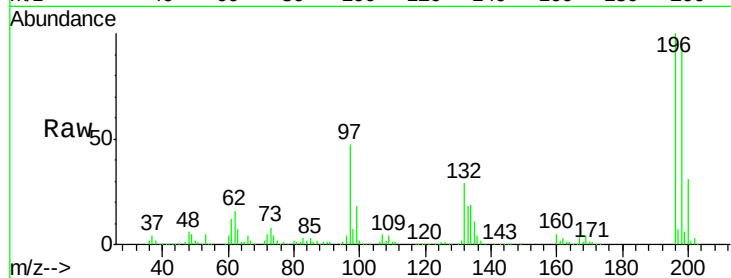




#43
2,4,5-Trichlorophenol
Concen: 46.581 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	196	Resp	260390
Ion Ratio	100	Lower	Upper
196	100	74.6	112.0
198	95.1	42.9	64.3
97	47.0	26.3	39.5
132	28.5		



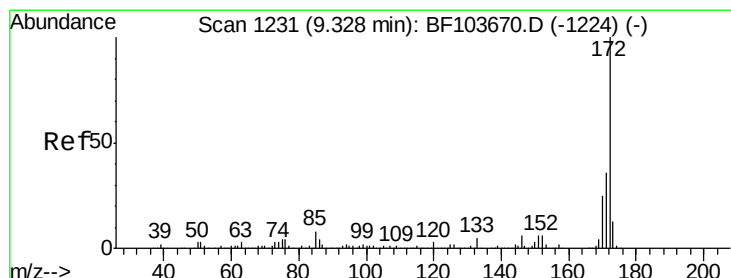
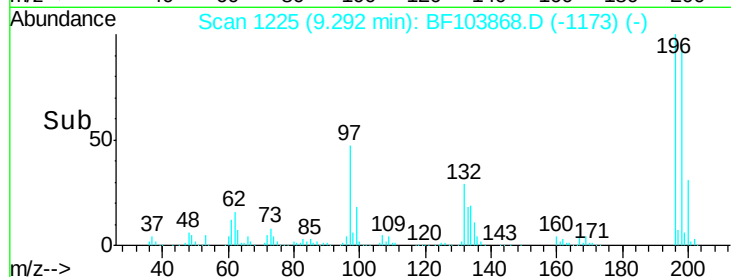
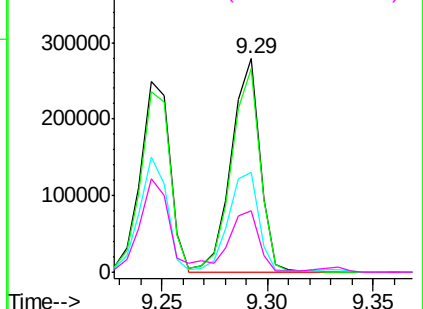
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

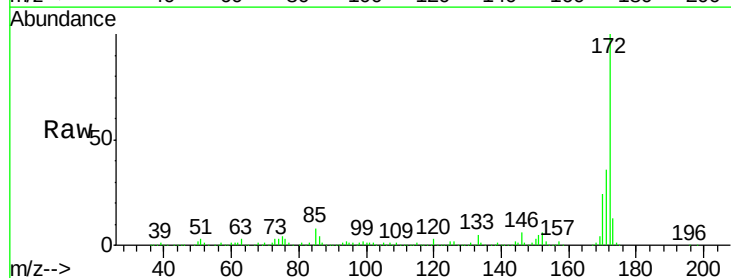
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 80.679 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

Tgt Ion	172	Resp	1372733
Ion Ratio	100	Lower	Upper
172	100	29.7	44.5
171	36.3	19.6	29.4
170	24.3		

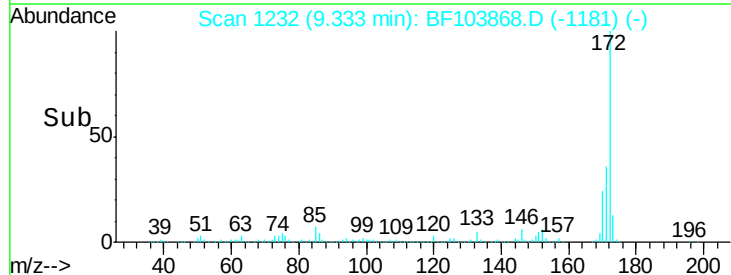
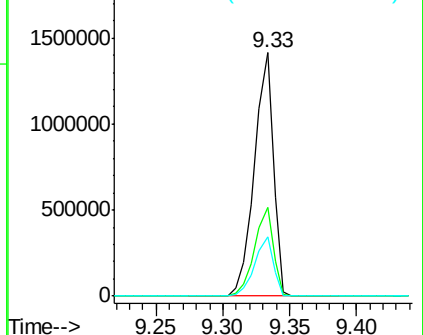


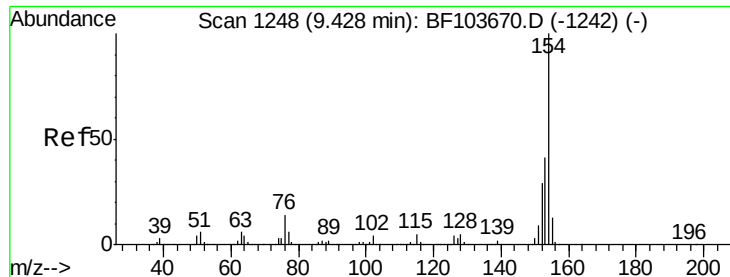
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.401 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

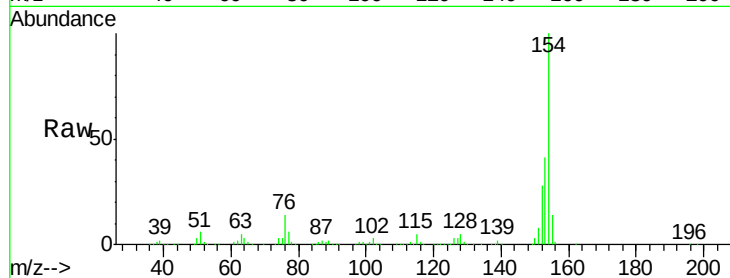
Tot Ion:154 Resp: 914353

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

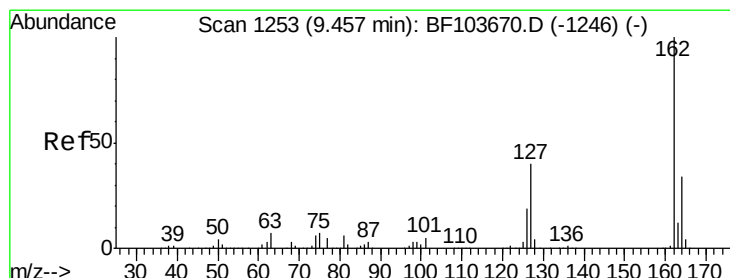
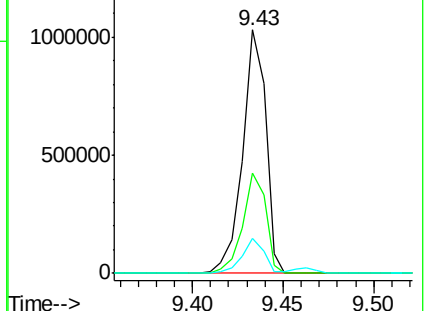
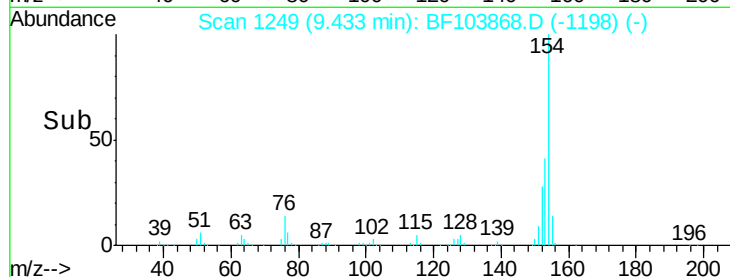
76 14.2 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 41.130 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

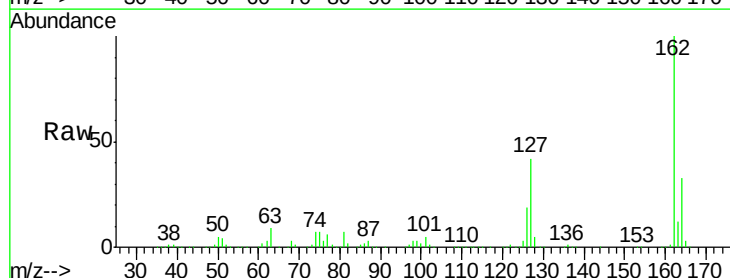
Tgt Ion:162 Resp: 739324

Ion Ratio Lower Upper

162 100

127 41.9 33.9 50.9

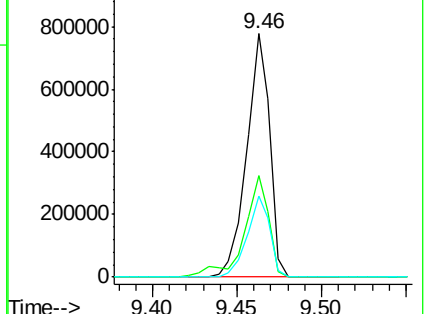
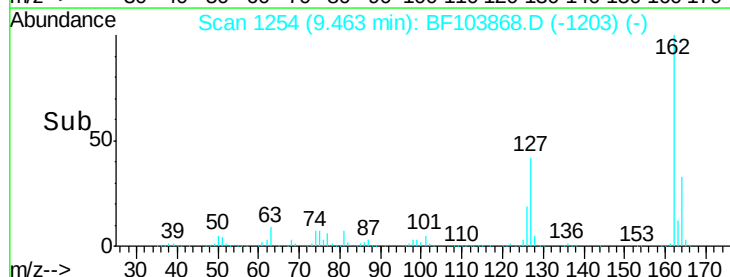
164 33.1 26.5 39.7

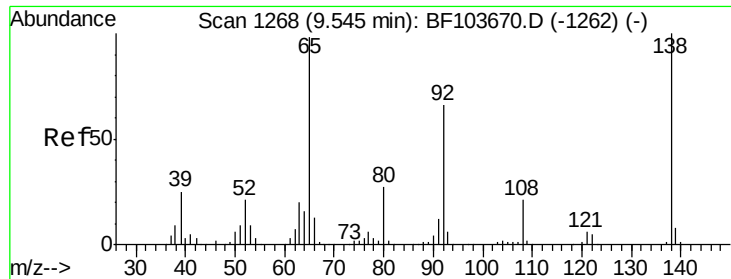


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

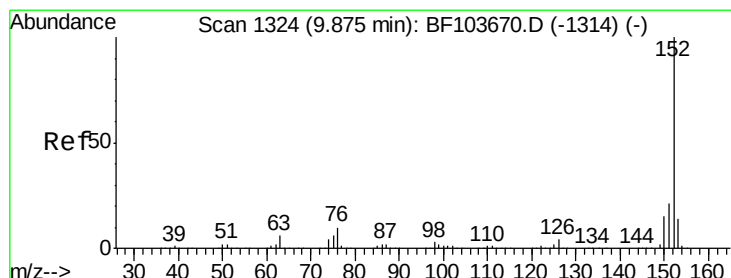
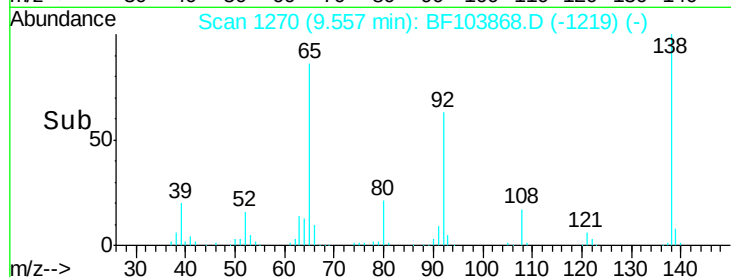
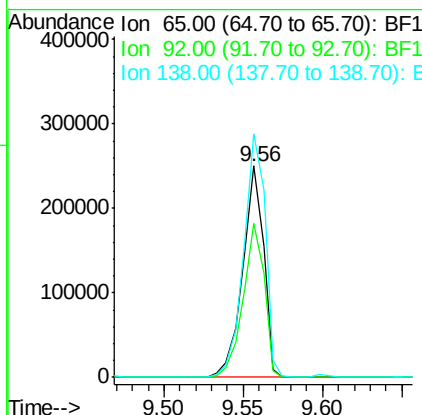
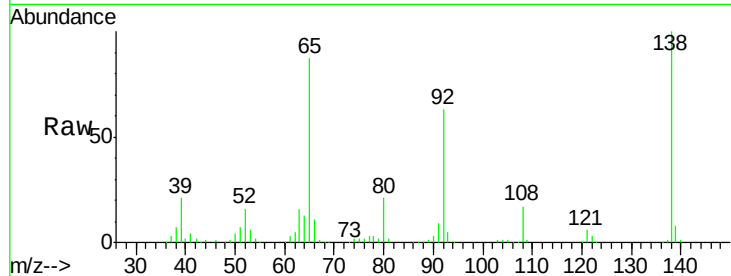




#47
 2-Nitroaniline
 Concen: 48.438 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF103868.D
 Acq: 23 Mar 2018 9:56

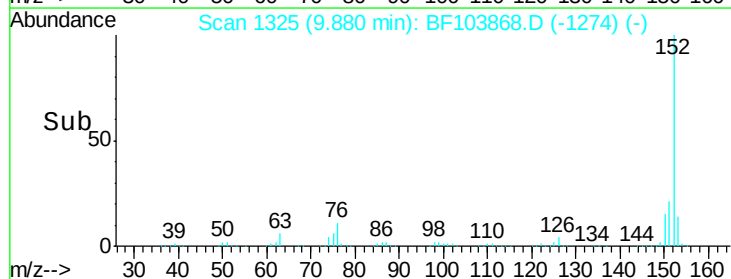
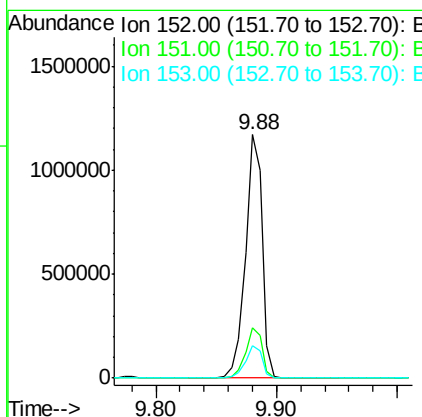
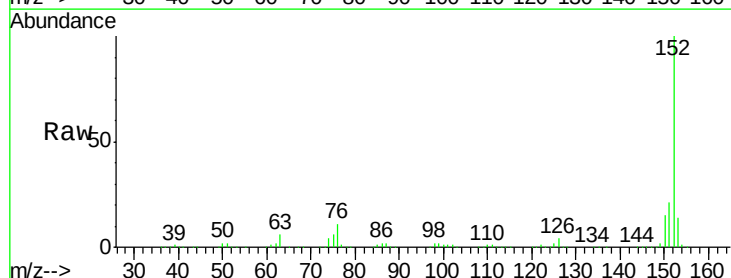
Instrument :
 BNA_F
 ClientSampleId :

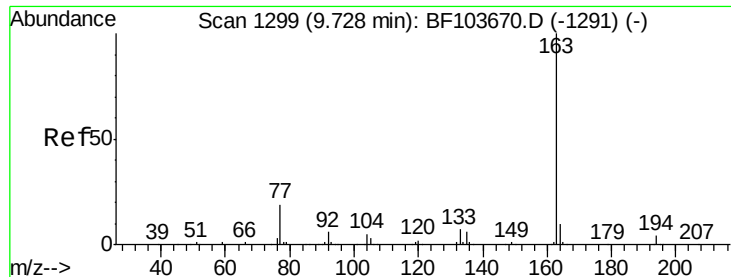
Tot Ion	Ratio	Lower	Upper
65	100		
92	72.8	55.8	83.6
138	115.3	91.2	136.8



#48
 Acenaphthylene
 Concen: 40.371 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF103868.D
 Acq: 23 Mar 2018 9:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.6	10.7	16.1

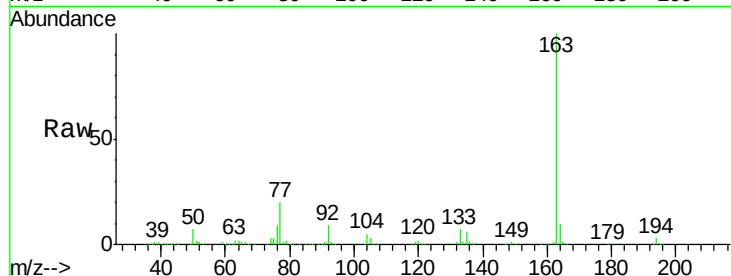




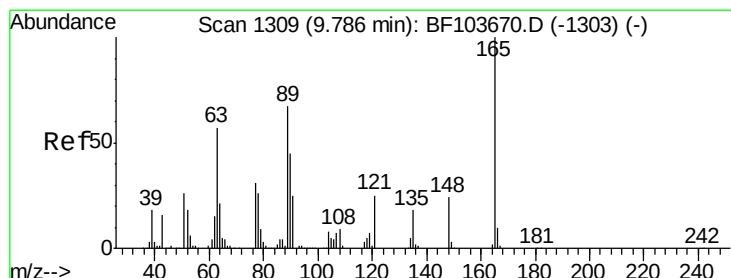
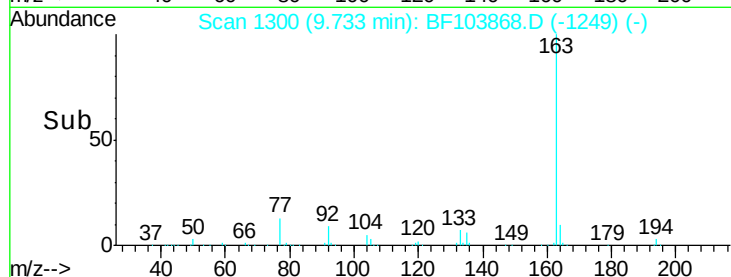
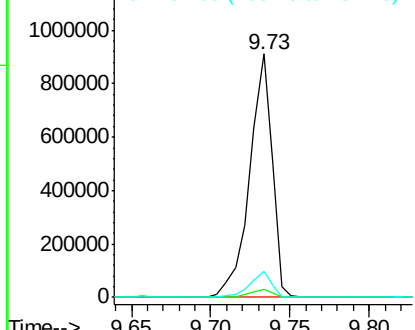
#49
Dimethylphthalate
Concen: 43.214 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 894840
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 8.2 12.2

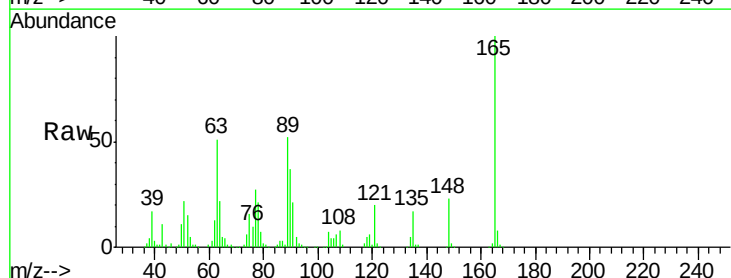


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

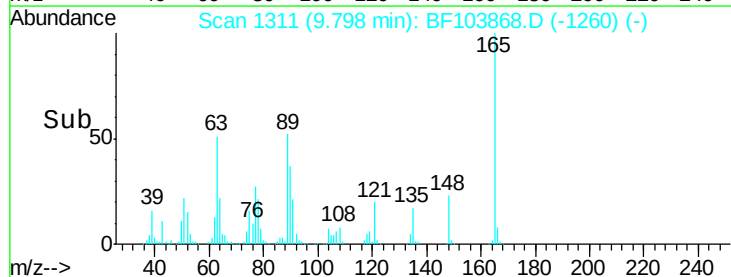
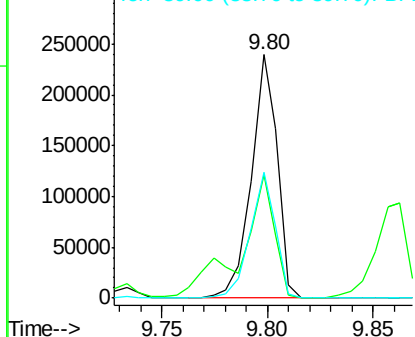


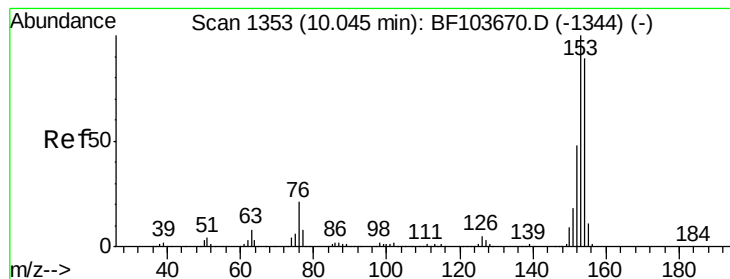
#50
2,6-Dinitrotoluene
Concen: 50.638 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

Tgt Ion:165 Resp: 203797
Ion Ratio Lower Upper
165 100
63 50.5 44.7 67.1
89 51.8 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: 39.968 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

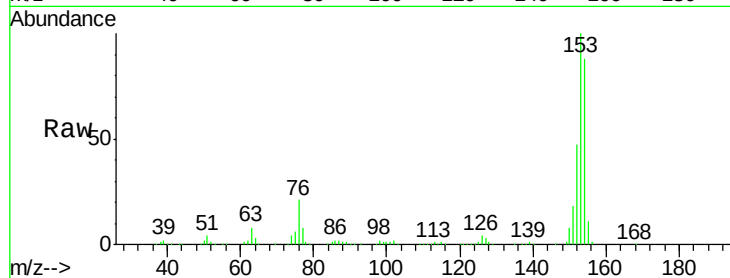
Tot Ion:154 Resp: 661504

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

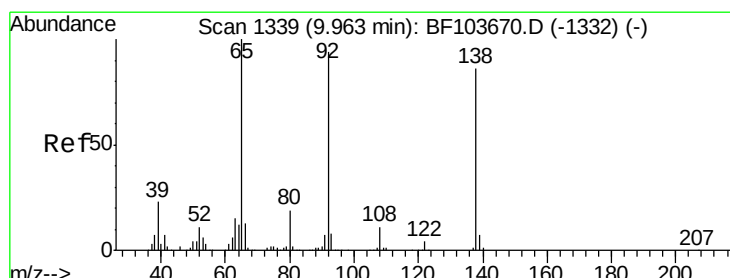
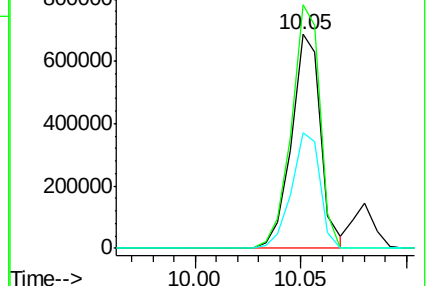
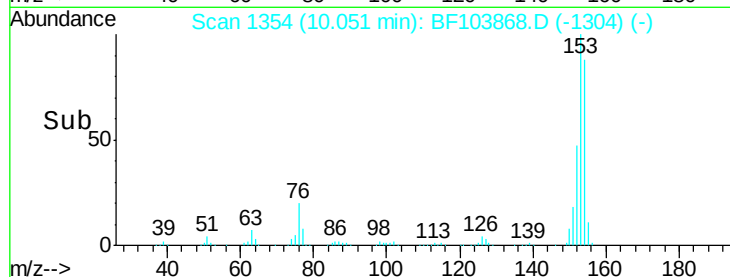
152 54.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.118 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

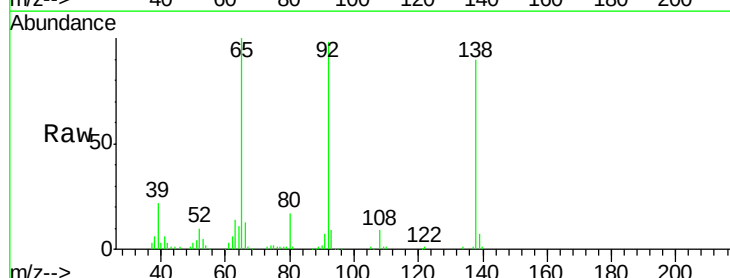
Tgt Ion:138 Resp: 100674

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

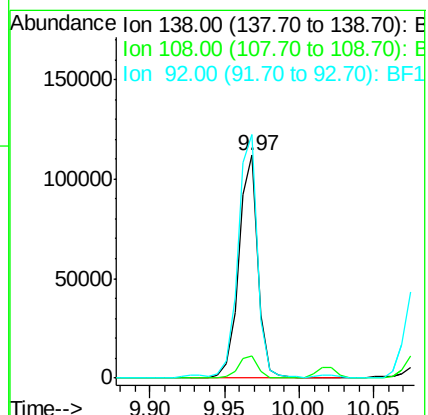
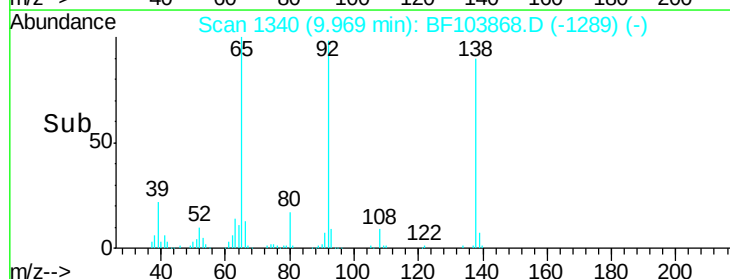
92 109.2 89.4 134.2

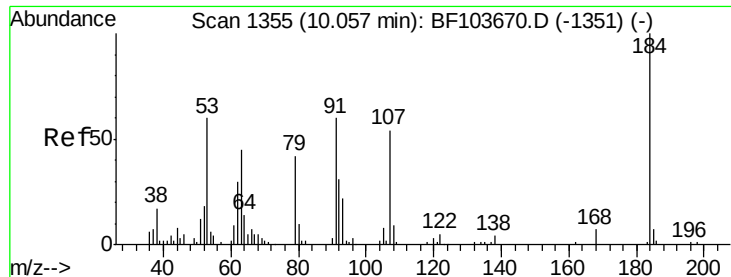


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#53

2,4-Dinitrophenol

Concen: 118.316 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

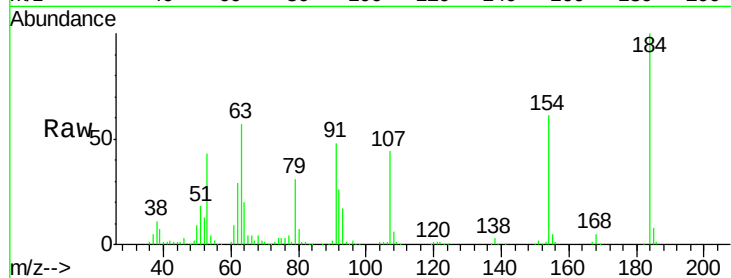
Tot Ion:184 Resp: 200493

Ion Ratio Lower Upper

184 100

63 57.4 54.2 81.2

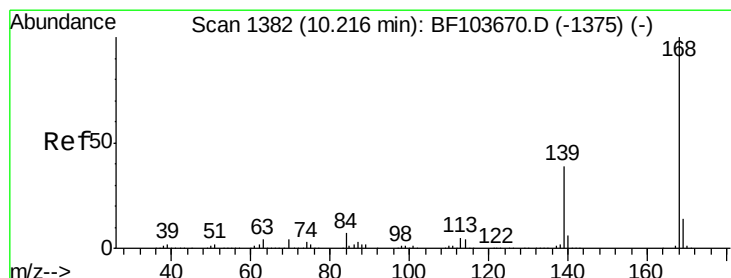
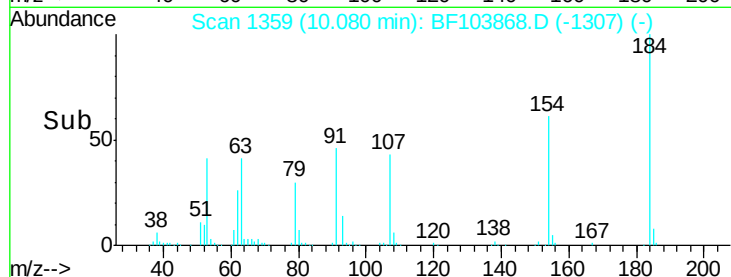
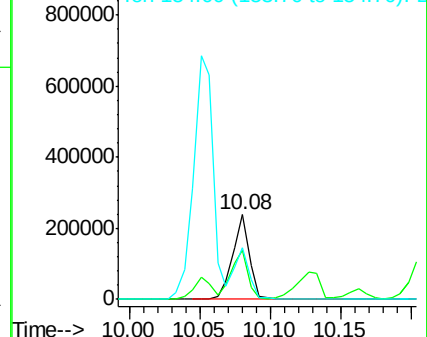
154 61.3 184.0 276.0#



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

Dibenzofuran

Concen: 42.722 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

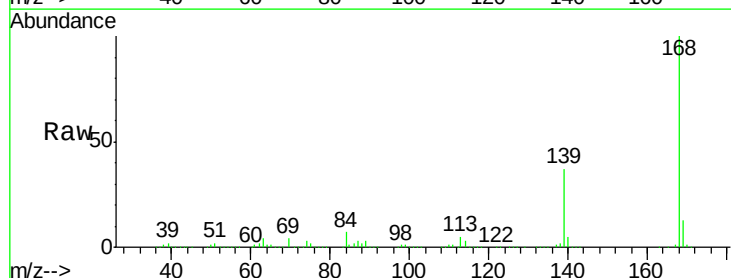
Tgt Ion:168 Resp: 1009884

Ion Ratio Lower Upper

168 100

139 37.1 30.1 45.1

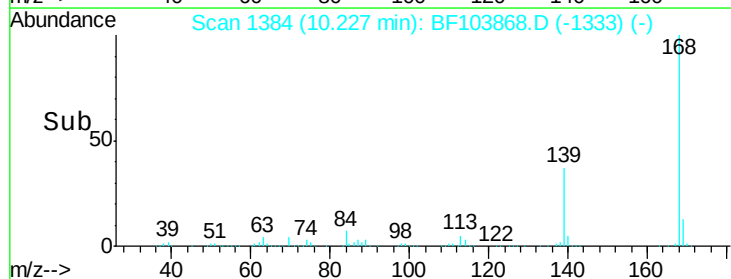
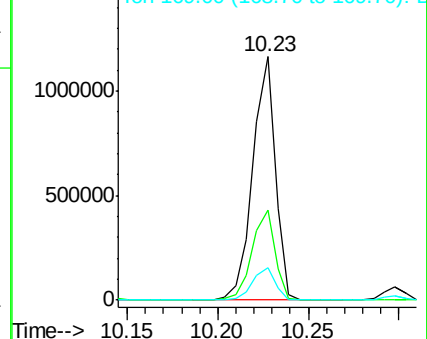
169 13.4 10.9 16.3

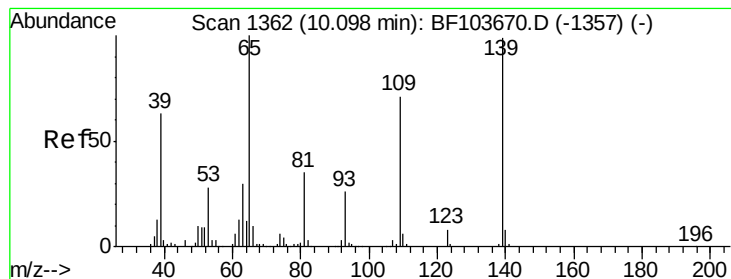


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 95.935 ng

RT: 10.13 min Scan# 1368

Delta R.T. 0.01 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

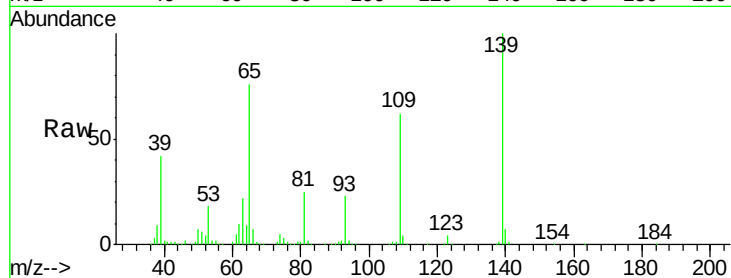
Tot Ion:139 Resp: 367702

Ion Ratio Lower Upper

139 100

109 61.9 48.4 88.4

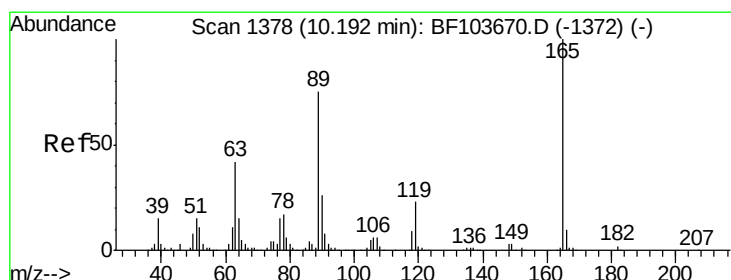
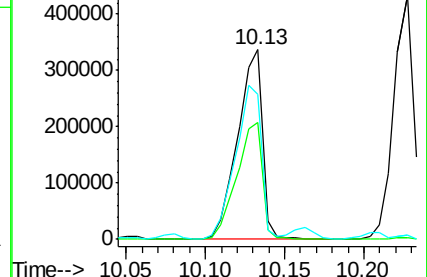
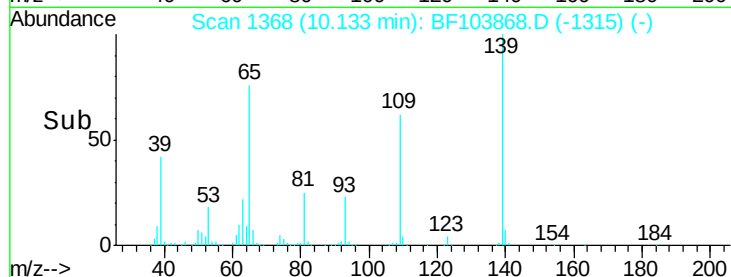
65 76.1 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 53.606 ng

RT: 10.21 min Scan# 1381

Delta R.T. 0.01 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Tgt Ion:165 Resp: 276270

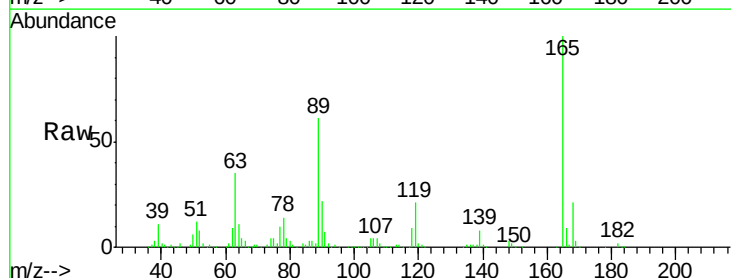
Ion Ratio Lower Upper

165 100

63 34.9 36.4 54.6#

89 61.1 57.8 86.6

182 2.3 1.6 2.4

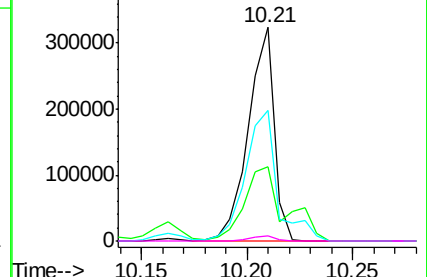
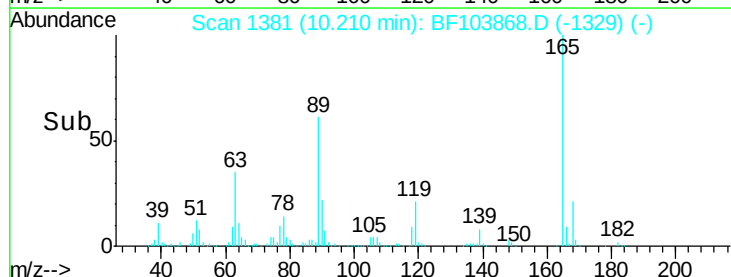


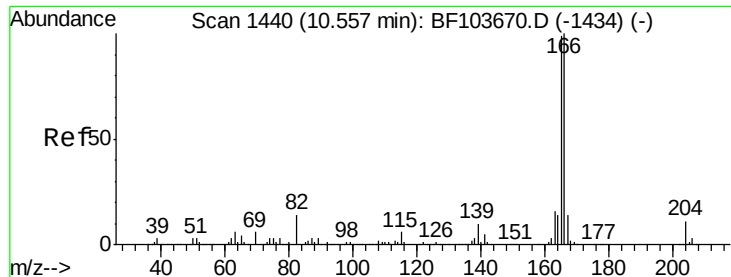
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

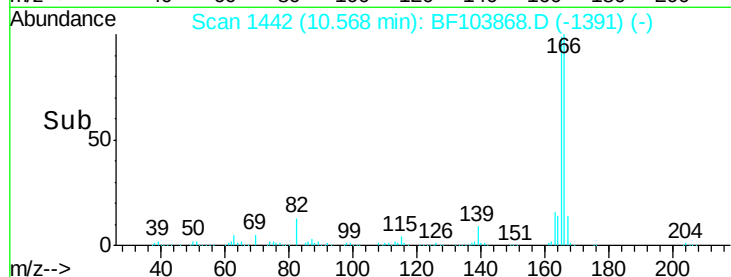
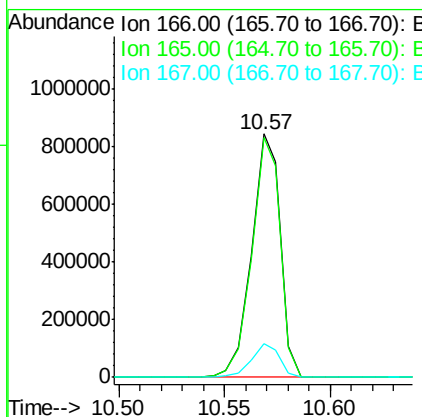
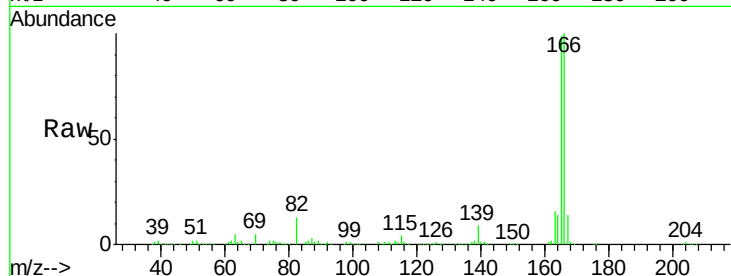




#57
 Fluorene
 Concen: 43.332 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF103868.D
 Acq: 23 Mar 2018 9:56

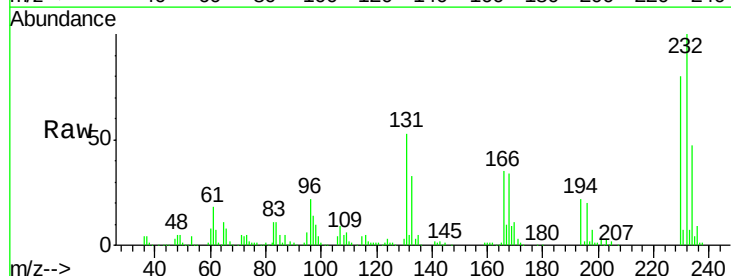
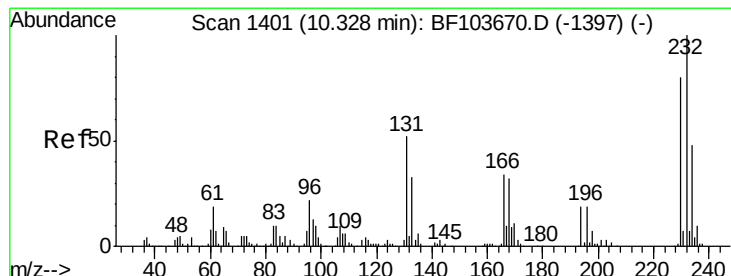
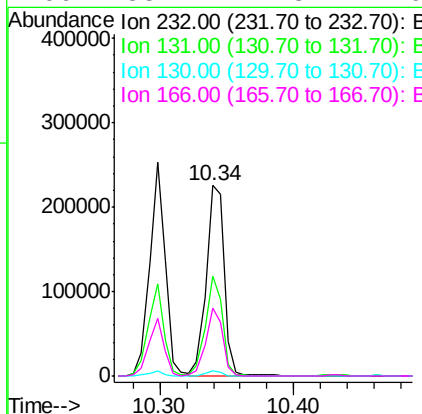
Instrument :
 BNA_F
 ClientSampleId :

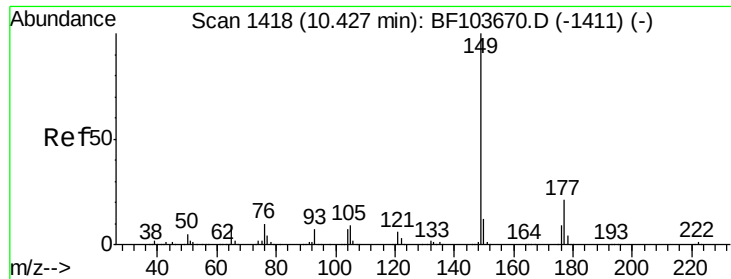
Tot Ion:166 Resp: 794829
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.013 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF103868.D
 Acq: 23 Mar 2018 9:56

Tgt Ion:232 Resp: 213943
 Ion Ratio Lower Upper
 232 100
 131 48.7 43.8 65.8
 130 2.3 2.1 3.1
 166 33.2 27.8 41.6

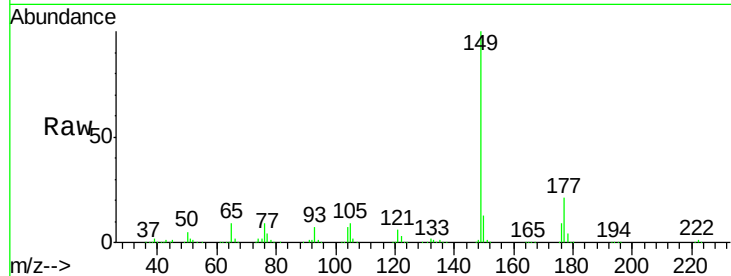




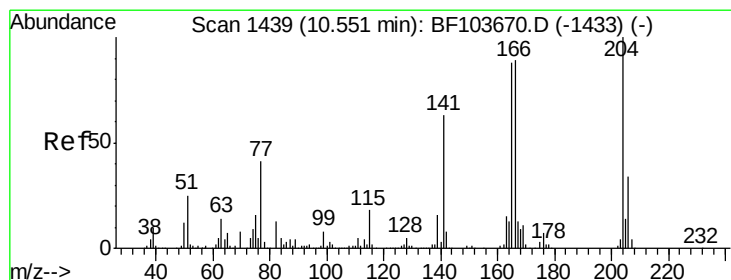
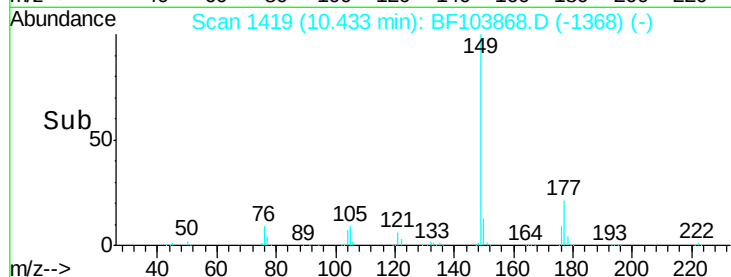
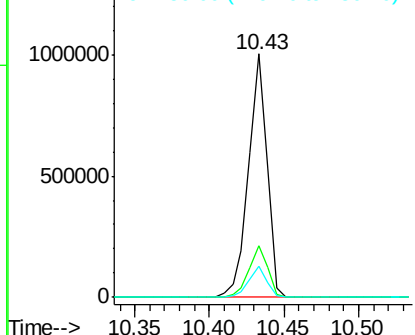
#59
Diethylphthalate
Concen: 41.985 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 862892
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.8 10.1 15.1

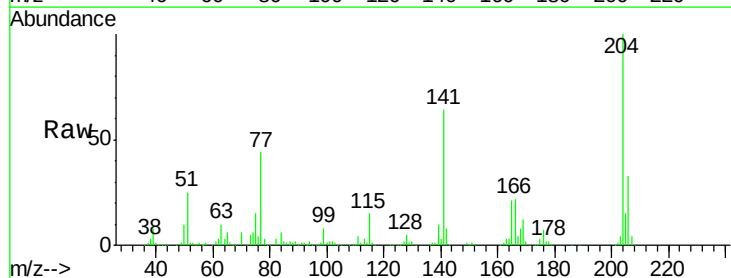


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

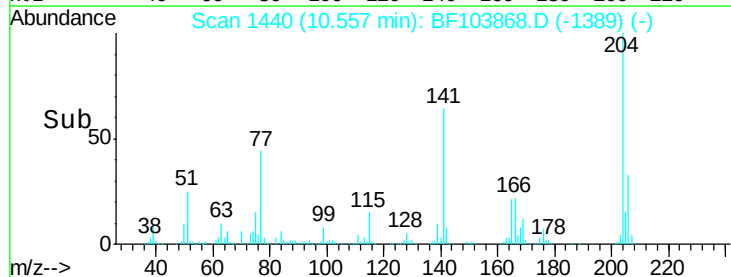
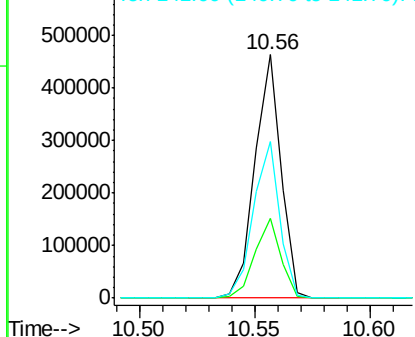


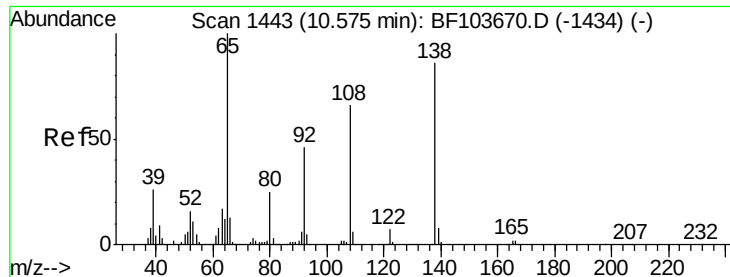
#60
4-Chlorophenyl-phenylether
Concen: 43.847 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

Tgt Ion:204 Resp: 367568
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 64.2 54.6 81.8



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

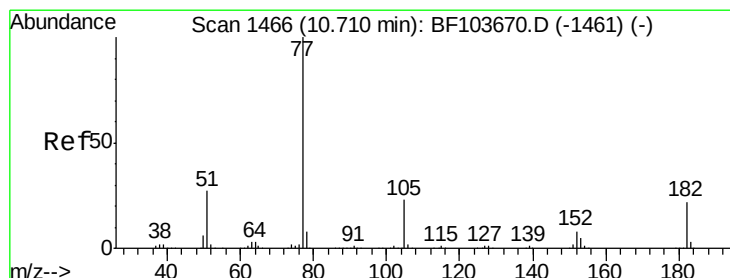
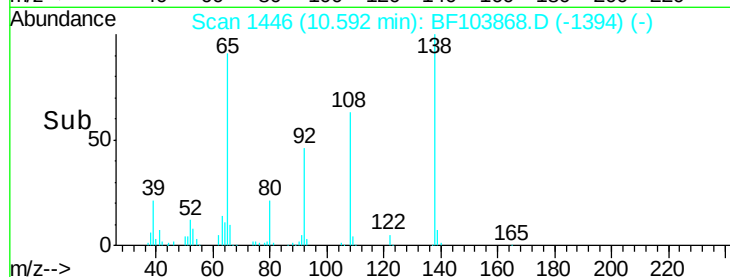
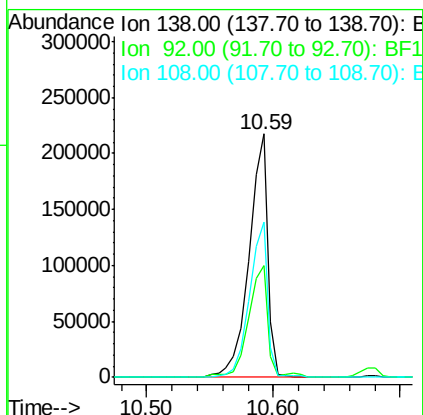
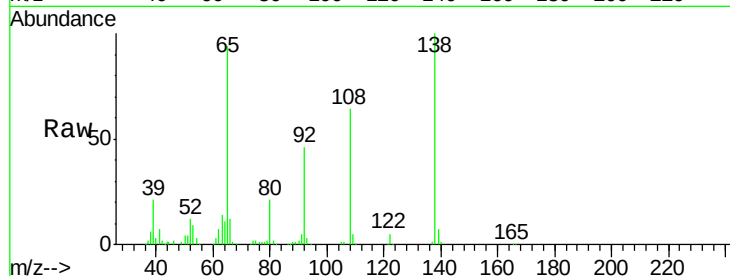




#61
4-Nitroaniline
Concen: 48.651 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

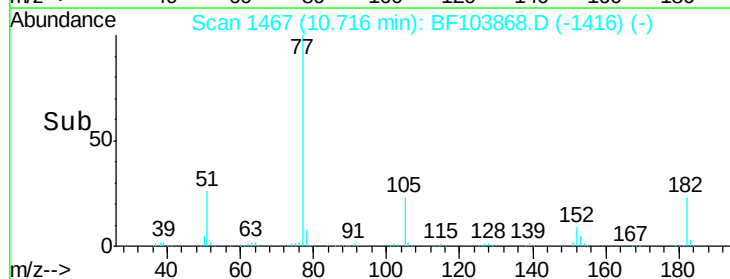
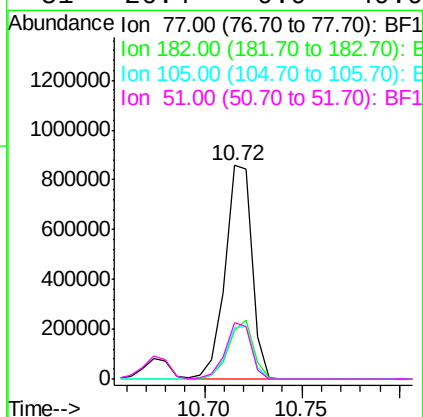
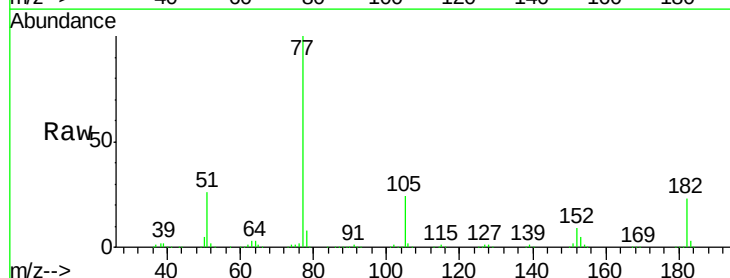
Instrument :
BNA_F
ClientSampled :

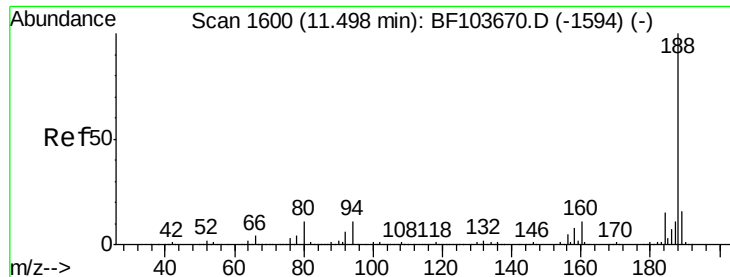
Tot Ion:138 Resp: 225046
Ion Ratio Lower Upper
138 100
92 45.9 30.2 70.2
108 63.9 52.5 92.5



#62
Azobenzene
Concen: 39.078 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

Tgt Ion: 77 Resp: 816556
Ion Ratio Lower Upper
77 100
182 22.8 1.7 41.7
105 23.8 3.0 43.0
51 26.4 9.9 49.9

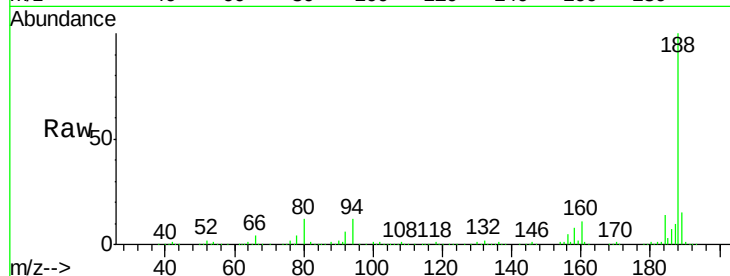




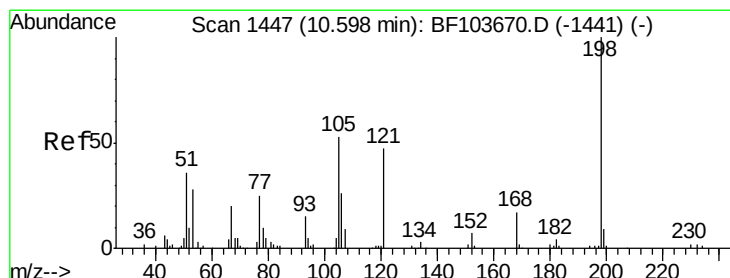
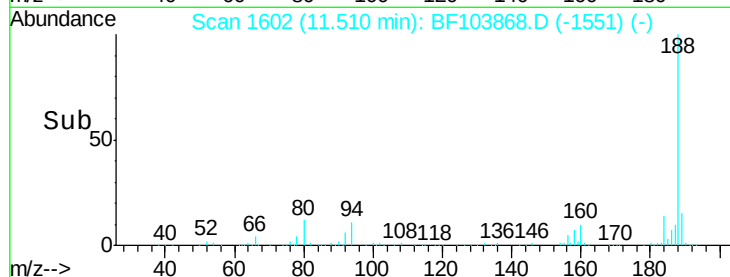
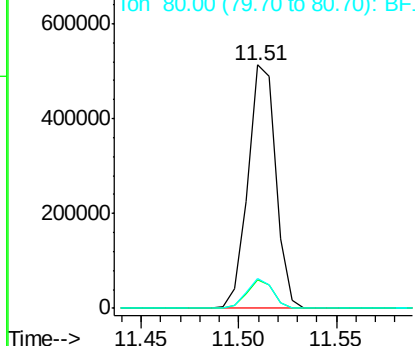
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103868.D
 Acq: 23 Mar 2018 9:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 507245
 Ion Ratio Lower Upper
 188 100
 94 11.7 8.5 12.7
 80 12.3 9.2 13.8

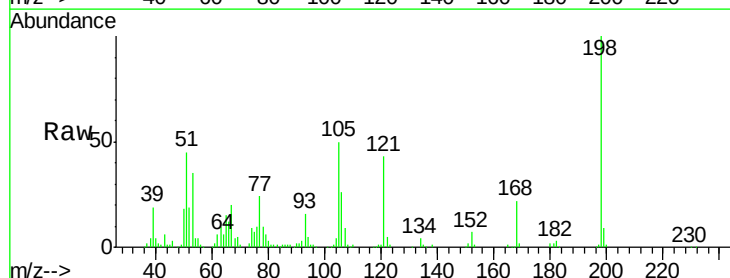


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

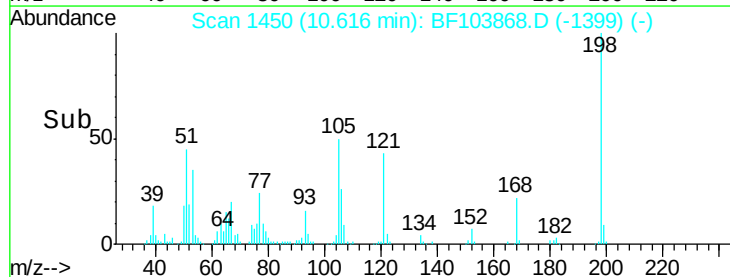
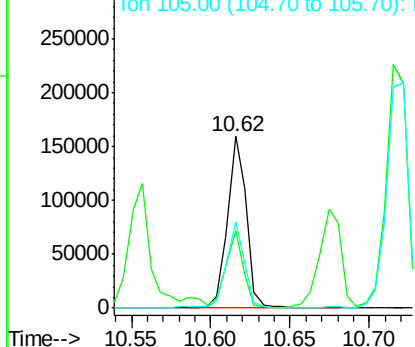


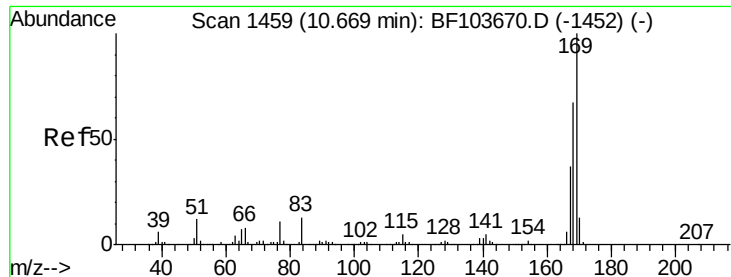
#64
 4,6-Dinitro-2-methylphenol
 Concen: 61.889 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF103868.D
 Acq: 23 Mar 2018 9:56

Tgt Ion:198 Resp: 131243
 Ion Ratio Lower Upper
 198 100
 51 45.2 37.7 77.7
 105 50.0 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 41.633 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

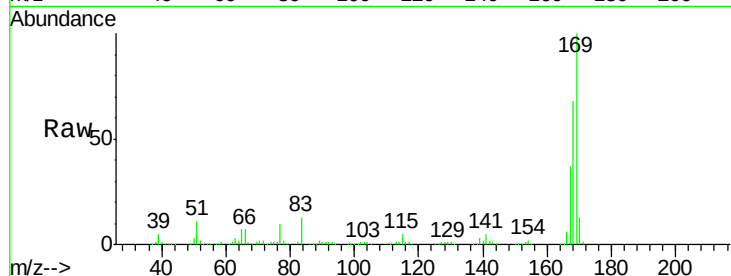
Tot Ion:169 Resp: 718832

Ion Ratio Lower Upper

169 100

168 67.6 54.4 81.6

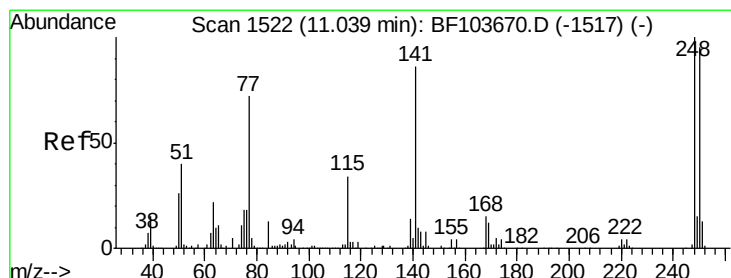
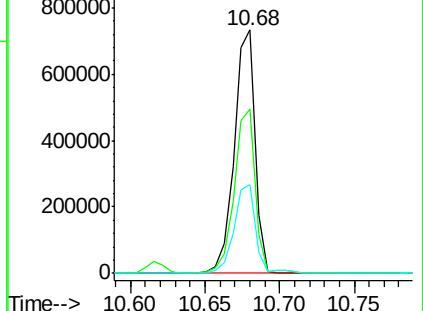
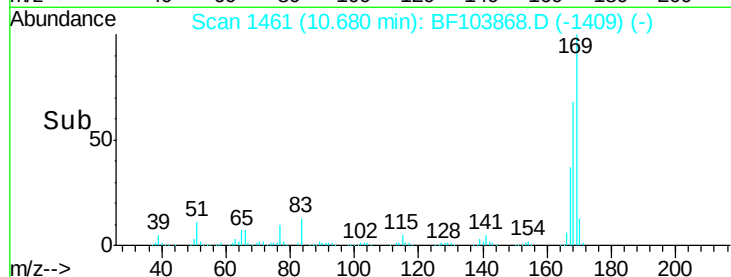
167 36.7 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.684 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

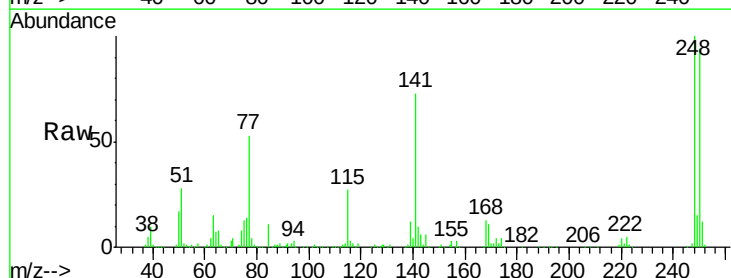
Tgt Ion:248 Resp: 232715

Ion Ratio Lower Upper

248 100

250 94.4 76.9 115.3

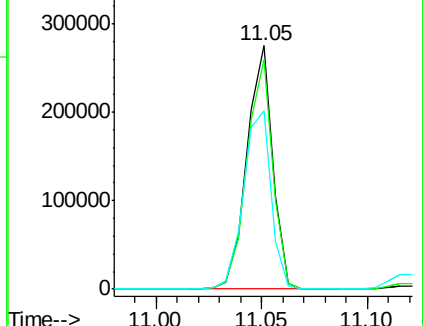
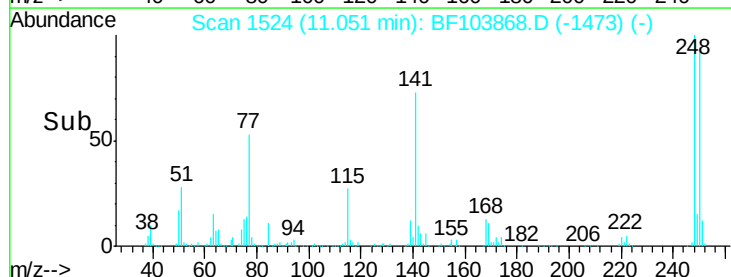
141 73.1 74.4 111.6#

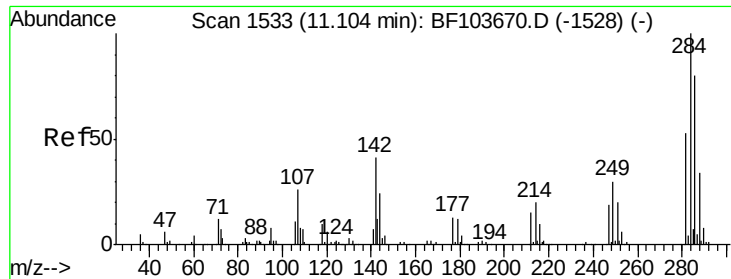


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

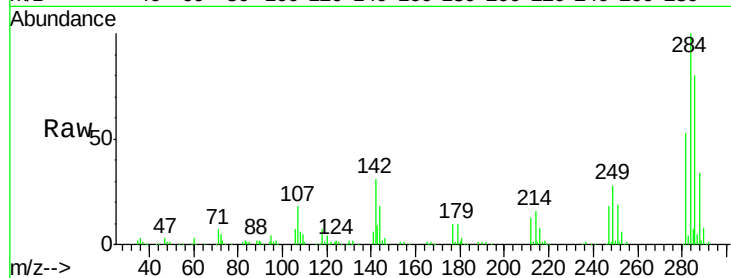




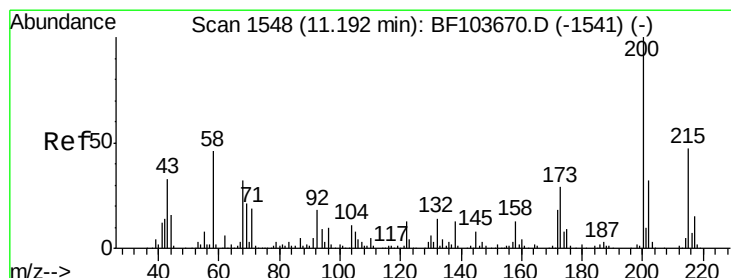
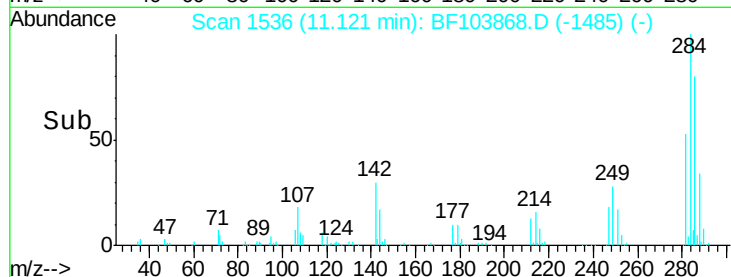
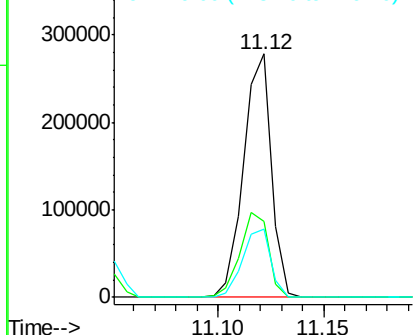
#67
Hexachlorobenzene
Concen: 42.642 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 253475
Ion Ratio Lower Upper
284 100
142 31.1 34.6 52.0#
249 28.2 24.8 37.2

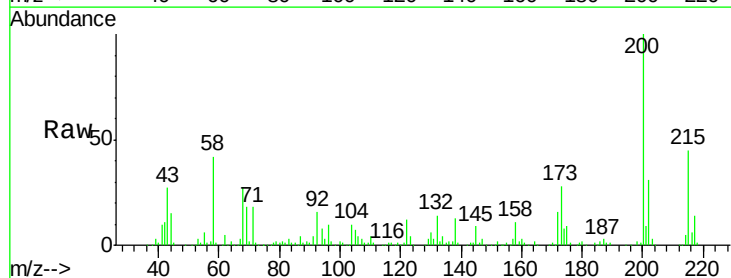


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

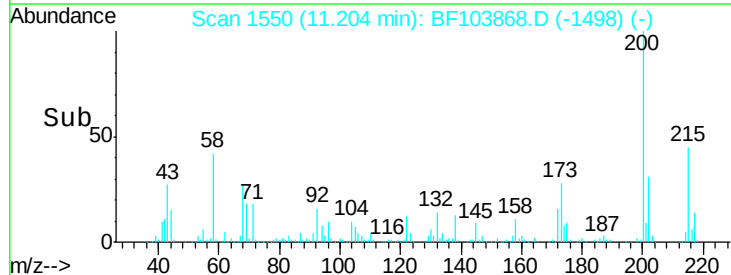
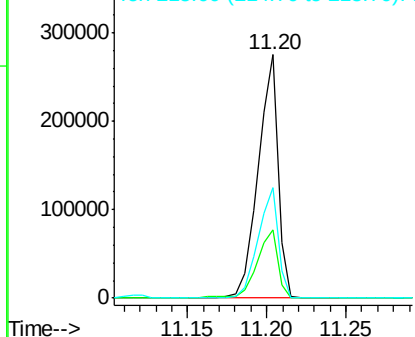


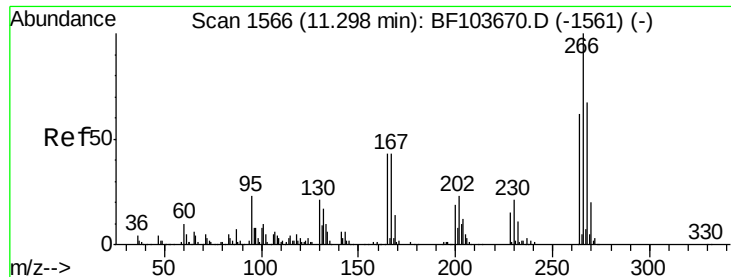
#68
Atrazine
Concen: 45.351 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

Tgt Ion:200 Resp: 242220
Ion Ratio Lower Upper
200 100
173 27.9 8.6 48.6
215 45.3 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: 80.973 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.01 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampled :

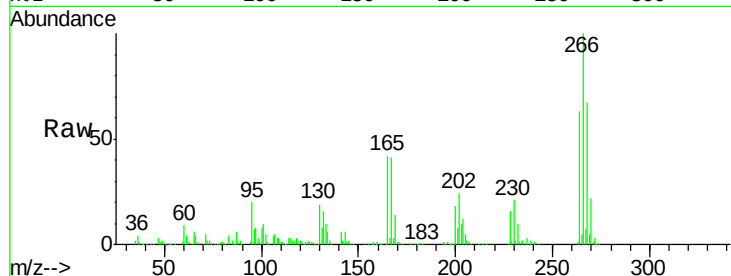
Tot Ion:266 Resp: 276718

Ion Ratio Lower Upper

266 100

268 66.8 51.1 76.7

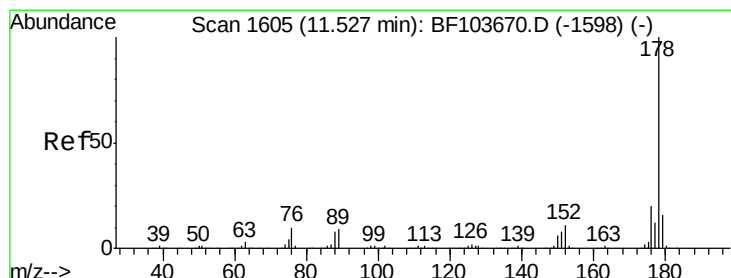
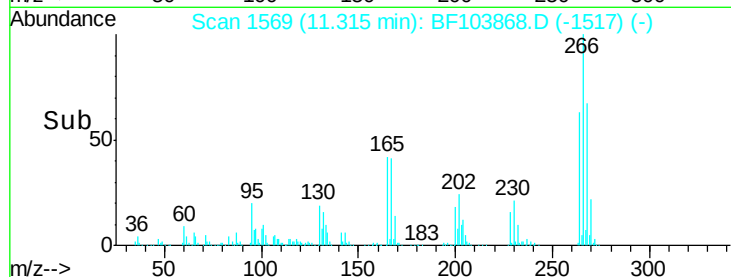
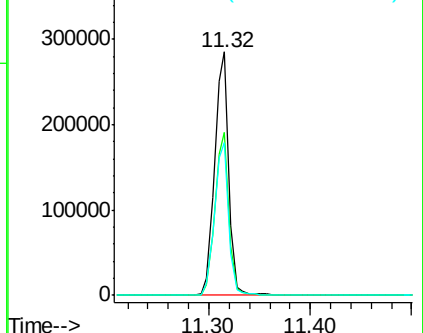
264 62.8 49.5 74.3



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: 41.683 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

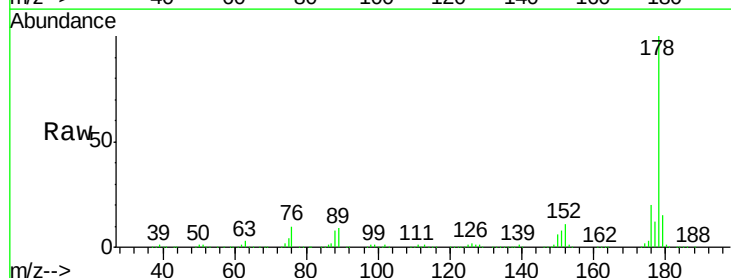
Tgt Ion:178 Resp: 1156601

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

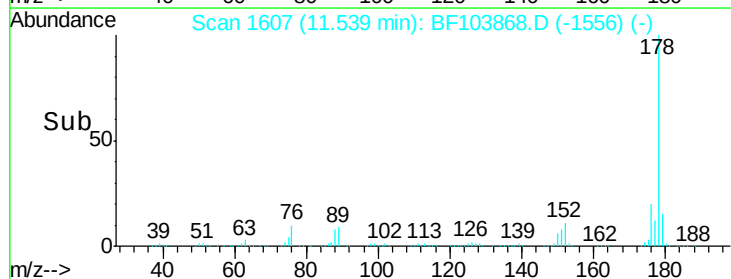
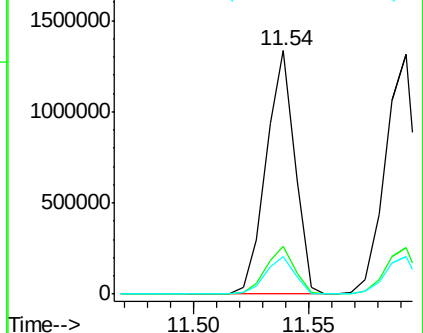
179 15.5 13.0 19.6

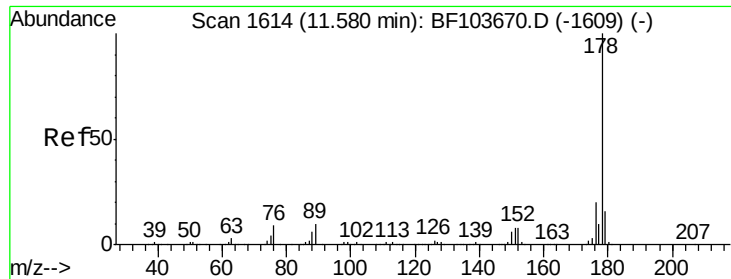


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

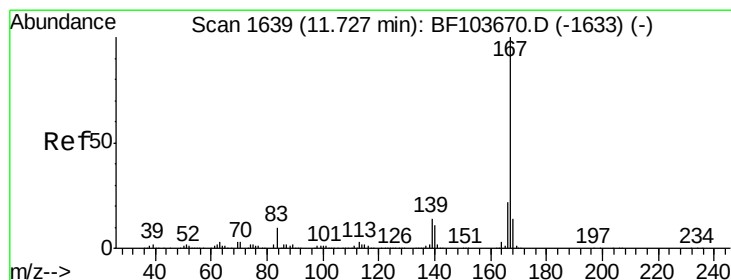
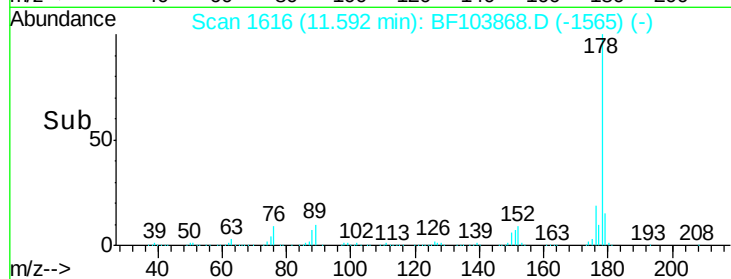
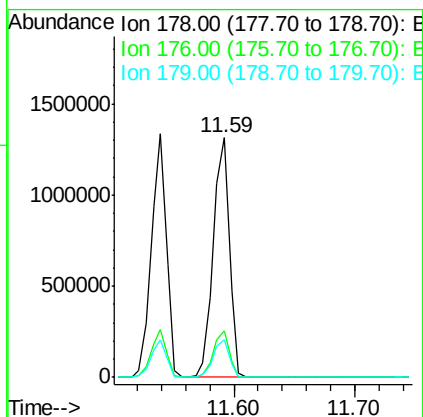
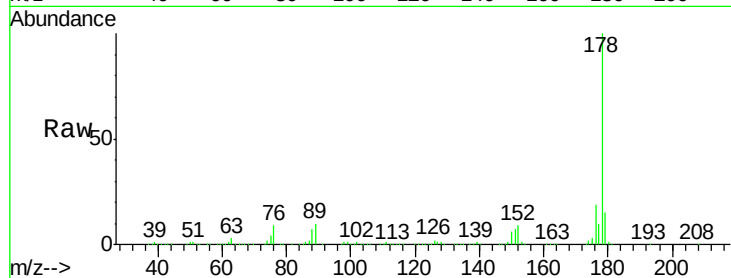




#71
 Anthracene
 Concen: 42.669 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BF103868.D
 Acq: 23 Mar 2018 9:56

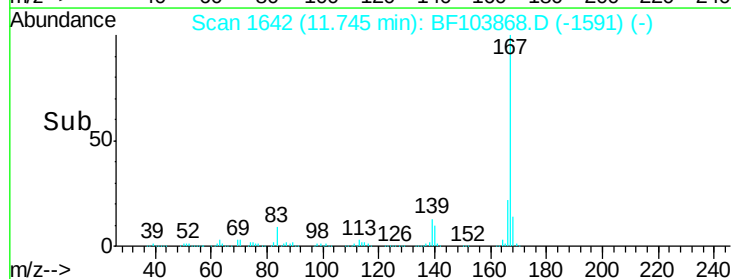
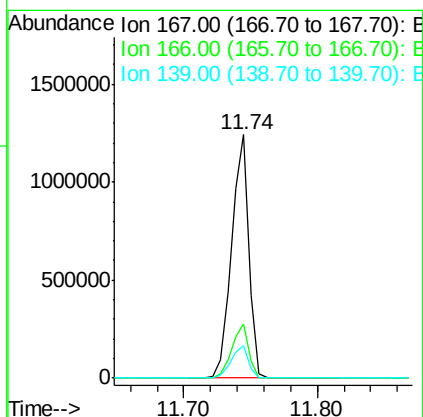
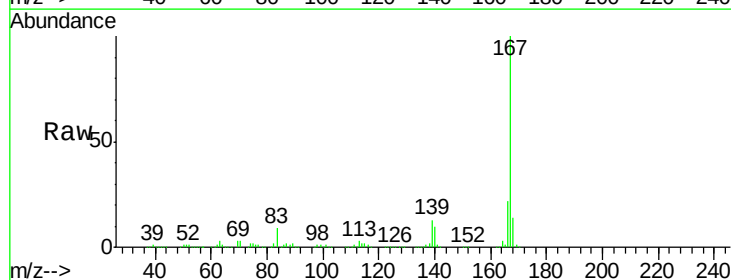
Instrument :
 BNA_F
 ClientSampleId :

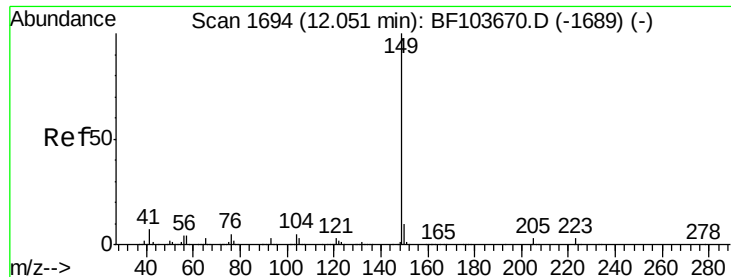
Tot Ion:178 Resp: 1202508
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 41.408 ng
 RT: 11.74 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF103868.D
 Acq: 23 Mar 2018 9:56

Tgt Ion:167 Resp: 1134228
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.327 ng

RT: 12.06 min Scan# 1696

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

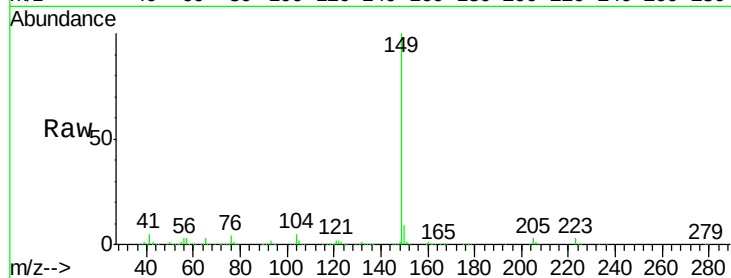
Tot Ion:149 Resp: 1391142

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

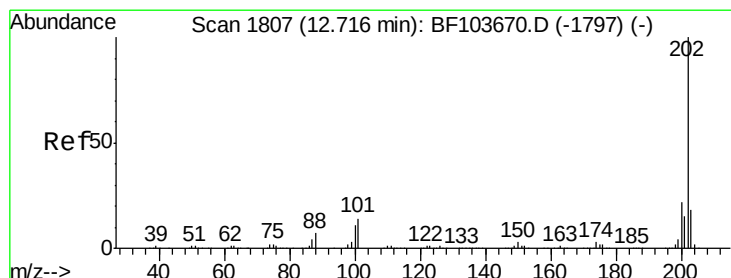
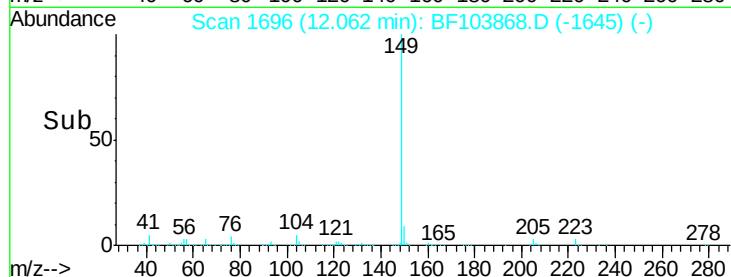
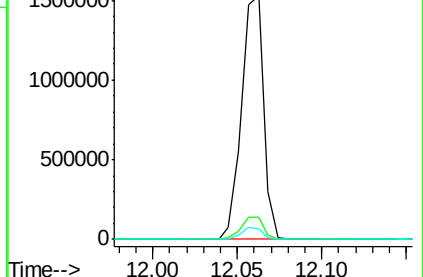
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.264 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

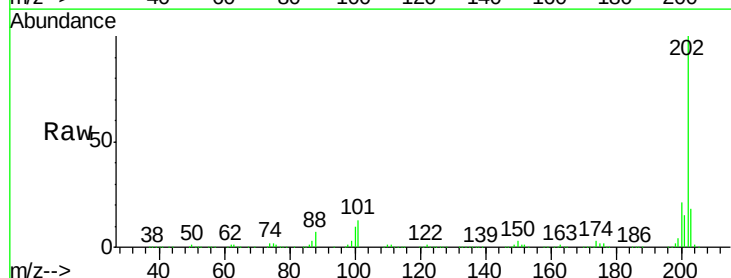
Tgt Ion:202 Resp: 1236753

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

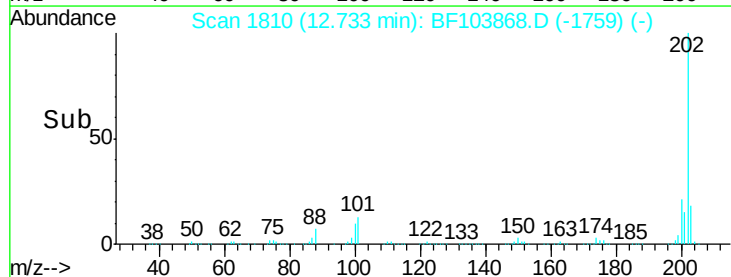
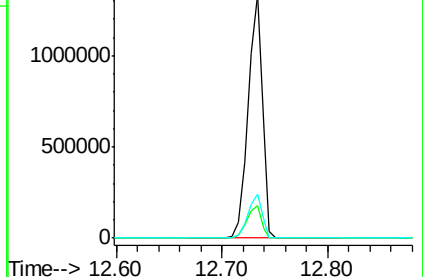
203 18.1 0.0 38.1

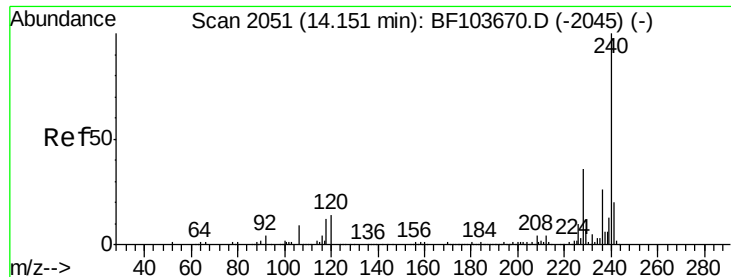


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.17 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

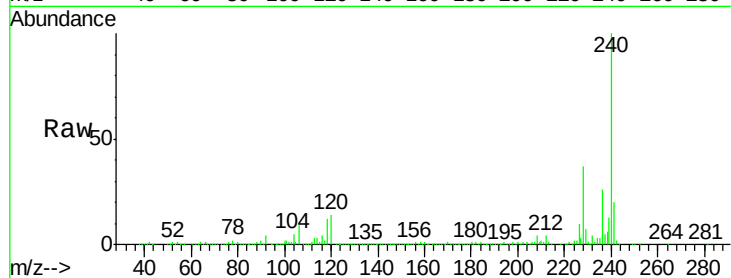
Tot Ion:240 Resp: 413032

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

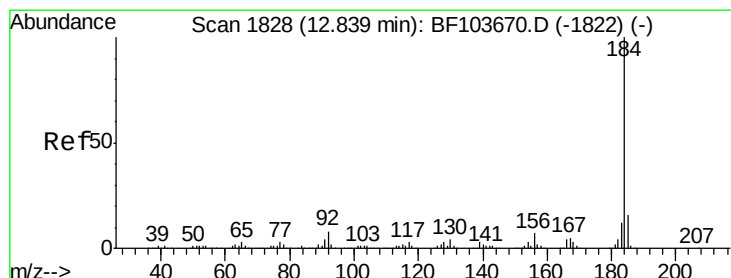
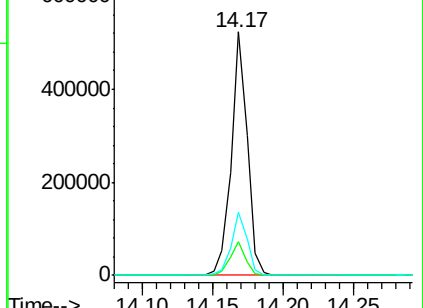
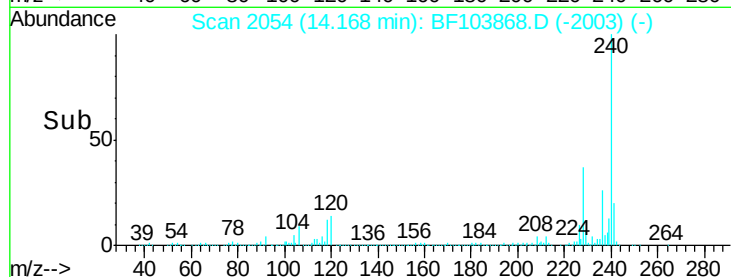
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.322 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

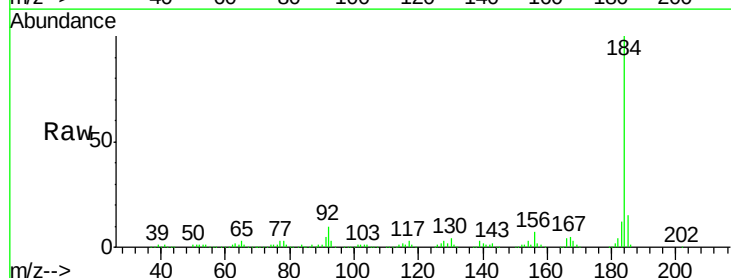
Tgt Ion:184 Resp: 410832

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

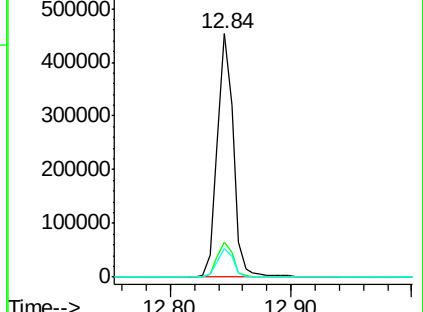
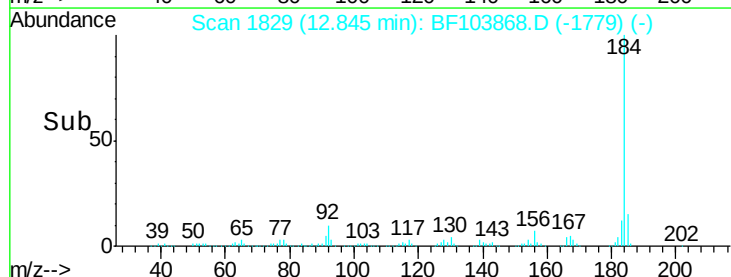
183 11.7 9.3 13.9

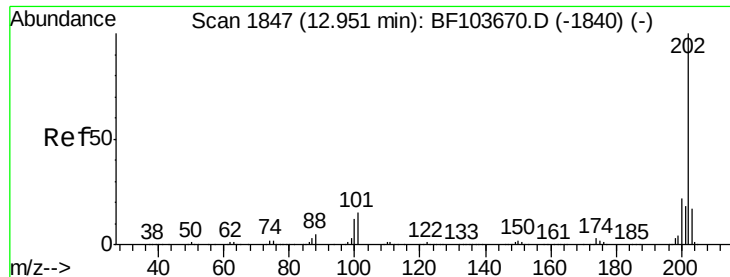


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

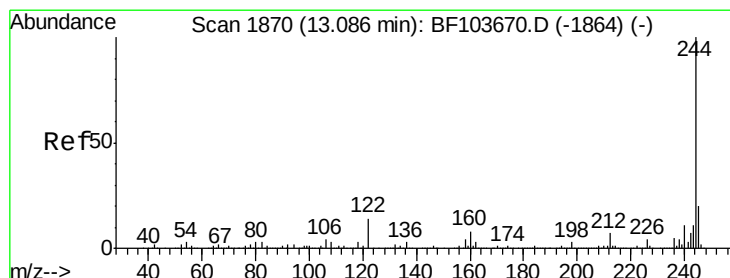
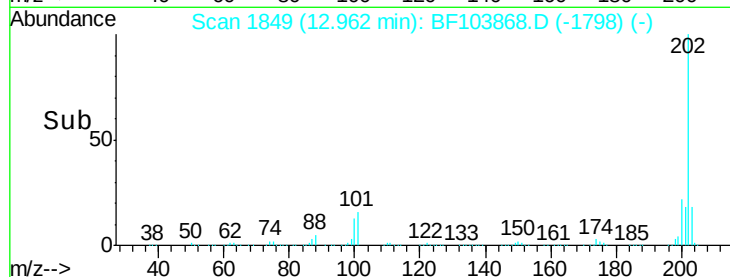
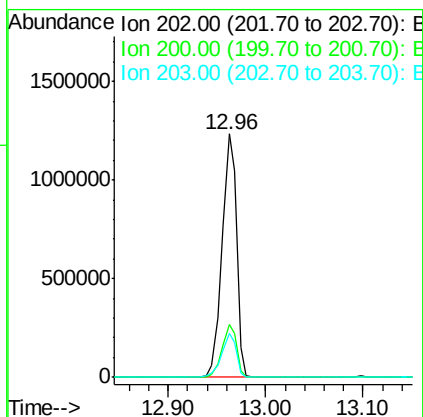
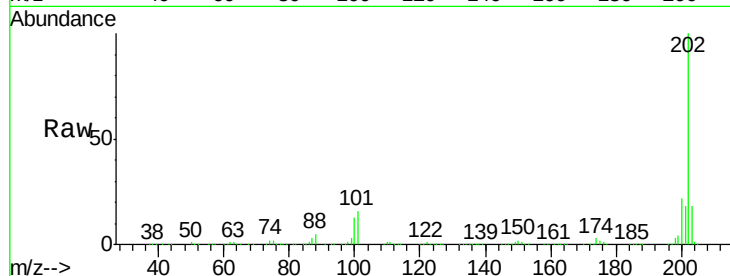




#77
Pvrene
Concen: 41.823 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

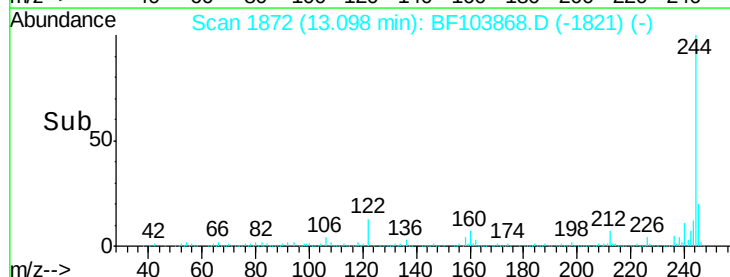
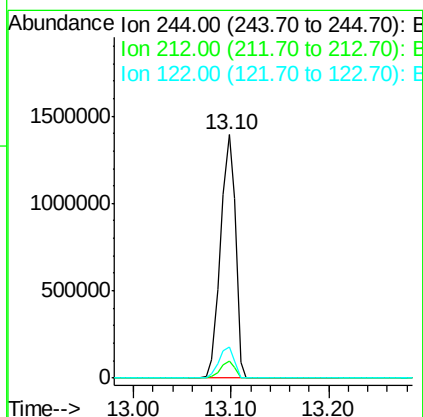
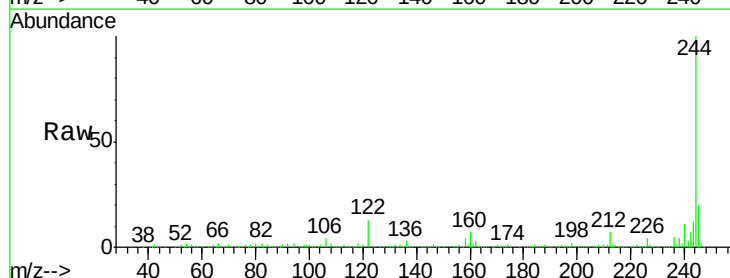
Instrument :
BNA_F
ClientSampleId :

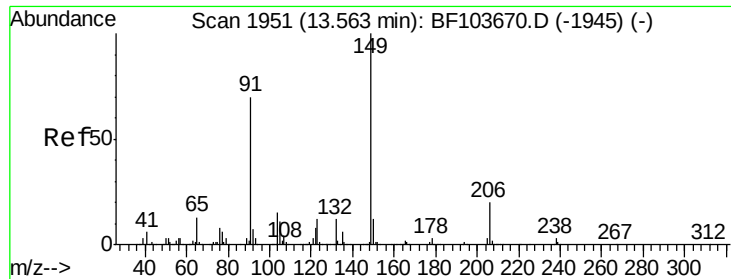
Tot Ion:202 Resp: 1268621
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 18.1 14.3 21.5



#78
Terphenyl-d14
Concen: 83.525 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

Tgt Ion:244 Resp: 1486275
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 12.8 11.0 16.4

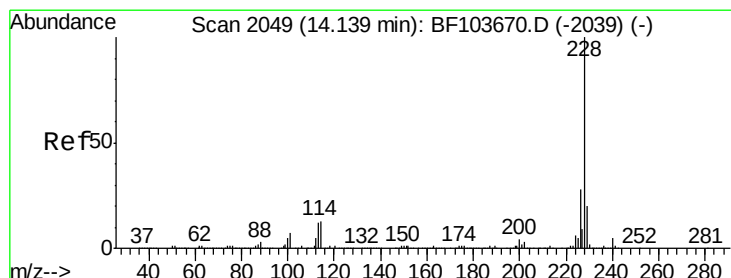
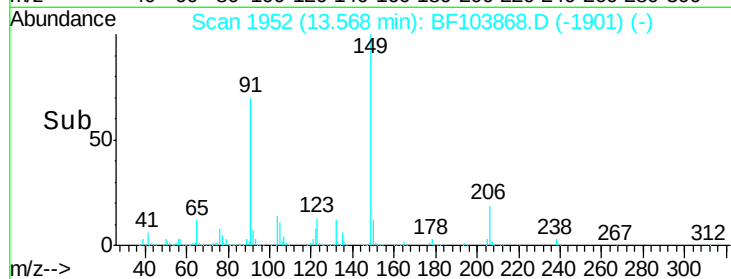
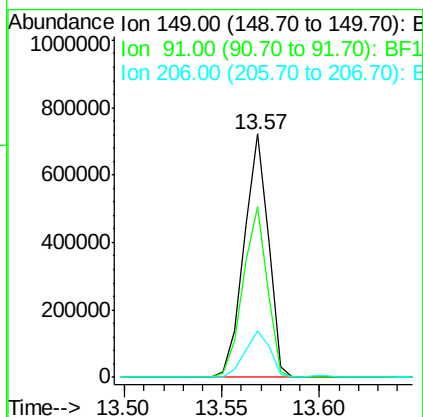
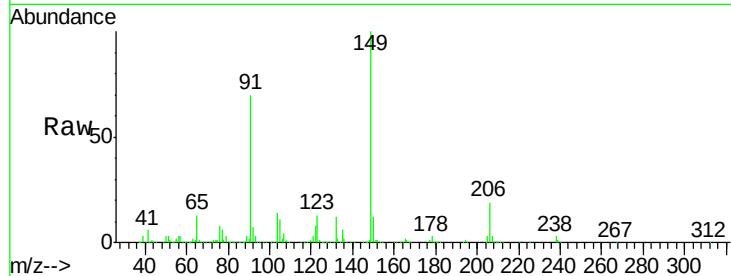




#79
Butylbenzylphthalate
Concen: 46.398 ng
RT: 13.57 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

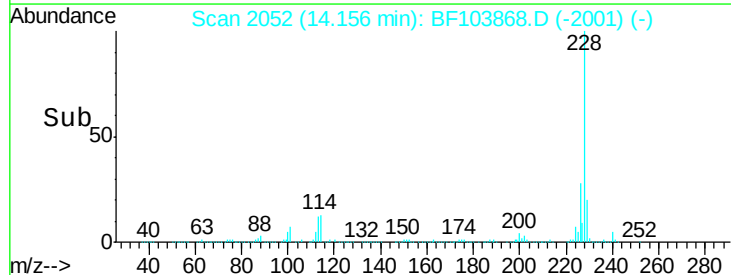
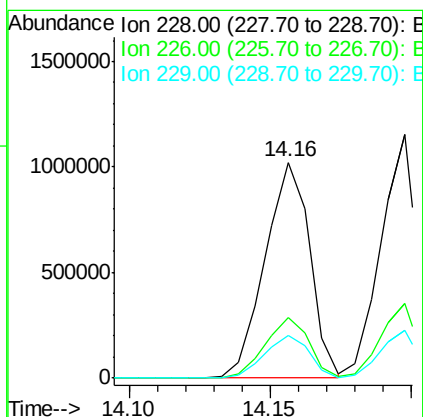
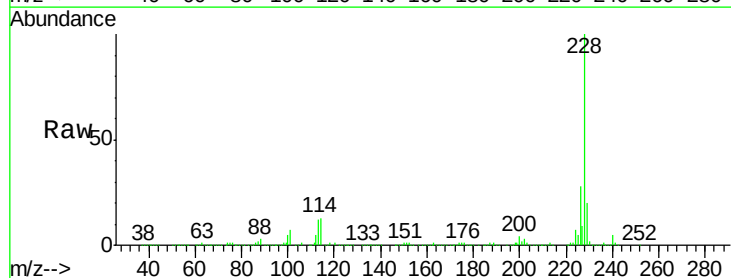
Instrument :
BNA_F
ClientSampled :

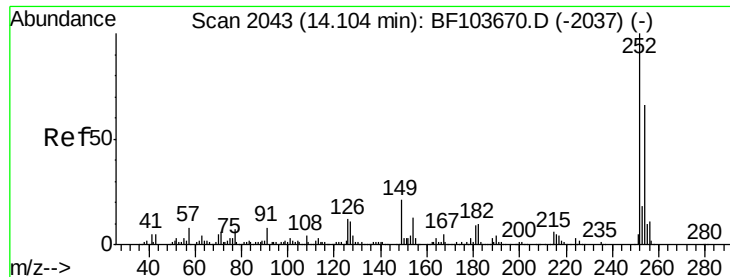
Tot Ion:149 Resp: 623542
Ion Ratio Lower Upper
149 100
91 70.3 56.8 85.2
206 19.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 43.010 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF103868.D
Acq: 23 Mar 2018 9:56

Tgt Ion:228 Resp: 1124486
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.8 15.8 23.6

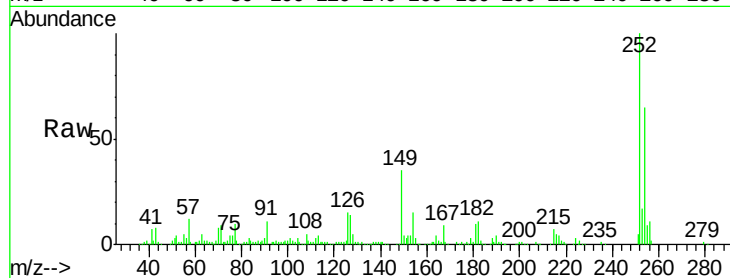




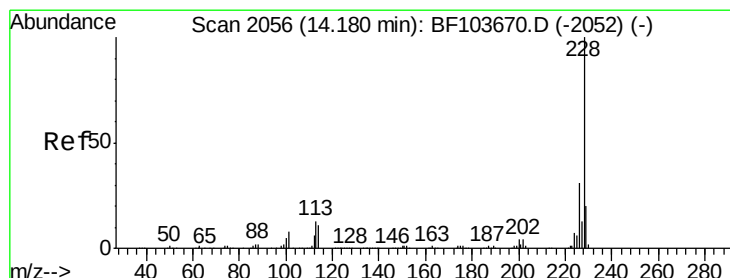
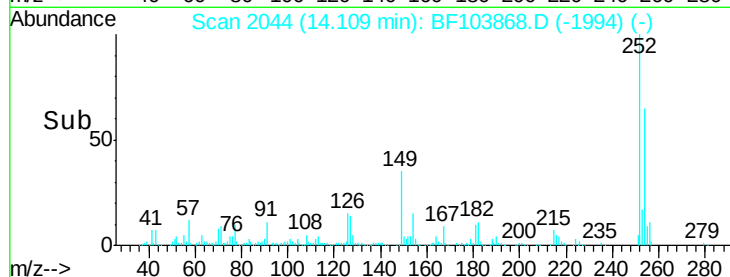
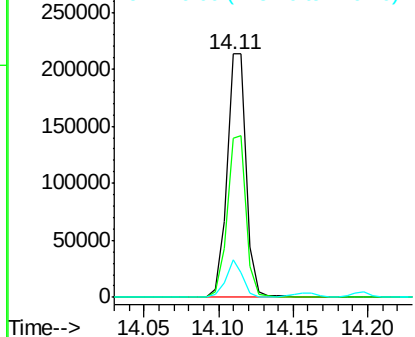
#81
 3,3'-Dichlorobenzidine
 Concen: 22.442 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF103868.D
 Acq: 23 Mar 2018 9:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	15.2	11.3	16.9

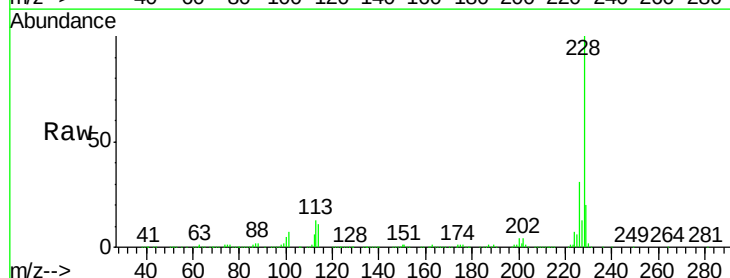


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

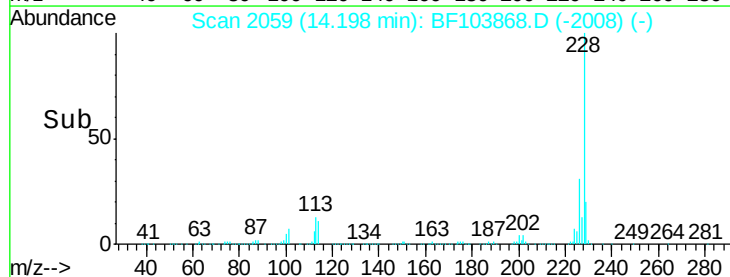
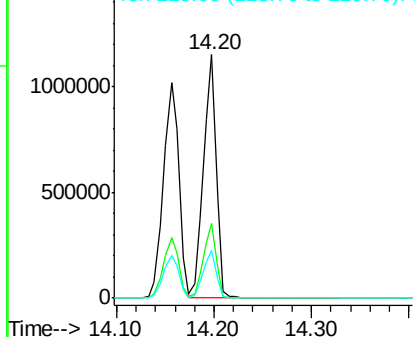


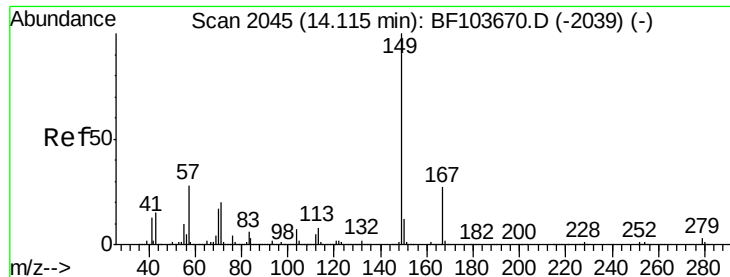
#82
 Chrysene
 Concen: 42.010 ng
 RT: 14.20 min Scan# 2059
 Delta R.T. -0.00 min
 Lab File: BF103868.D
 Acq: 23 Mar 2018 9:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.8	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.108 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

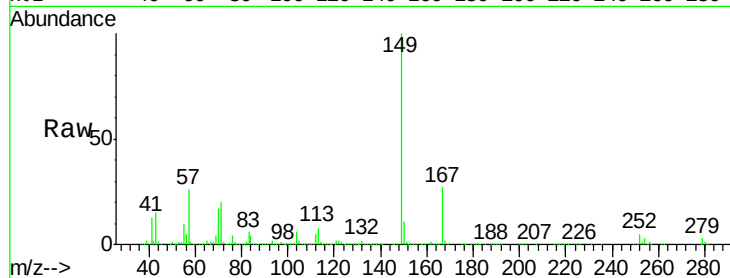
Tot Ion:149 Resp: 866019

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

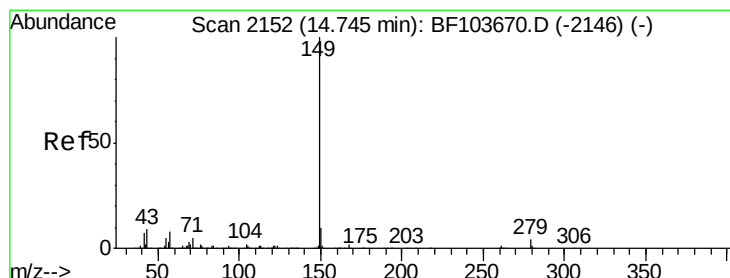
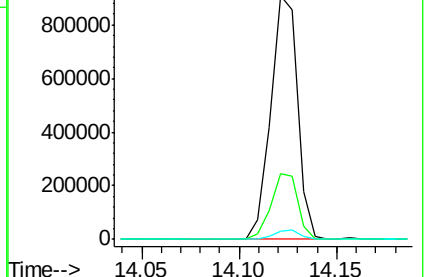
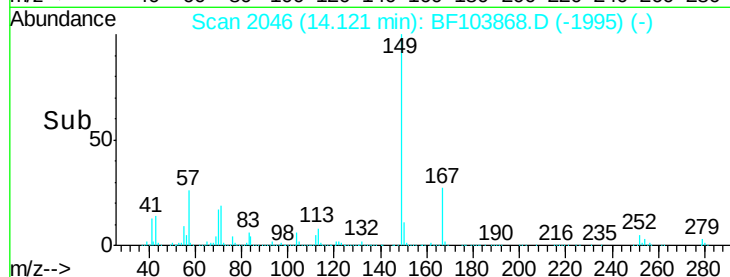
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.114 ng

RT: 14.75 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

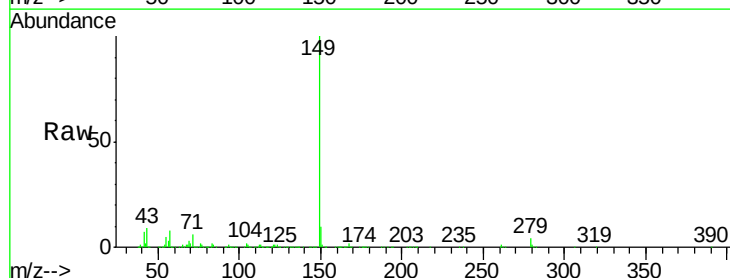
Tgt Ion:149 Resp: 1427650

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

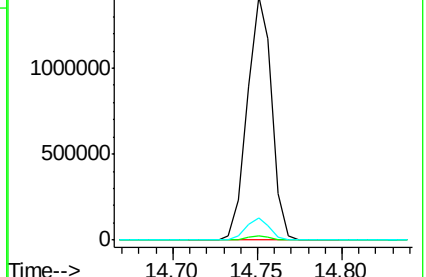
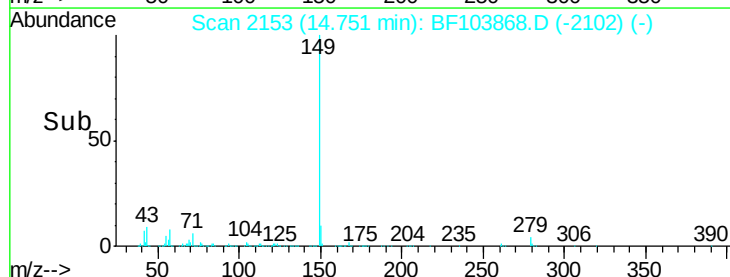
43 8.4 8.4 12.6#

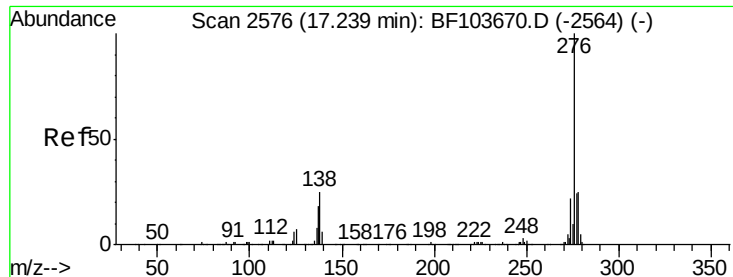


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

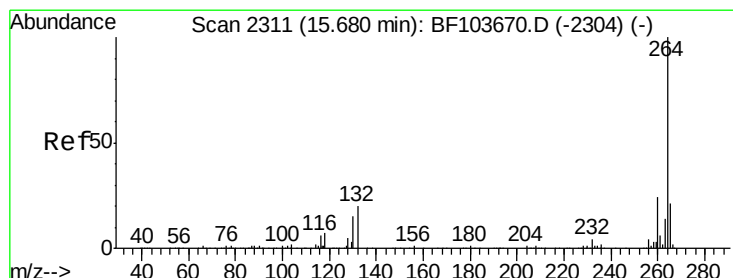
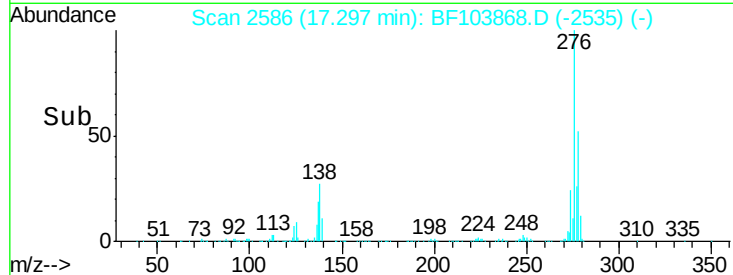
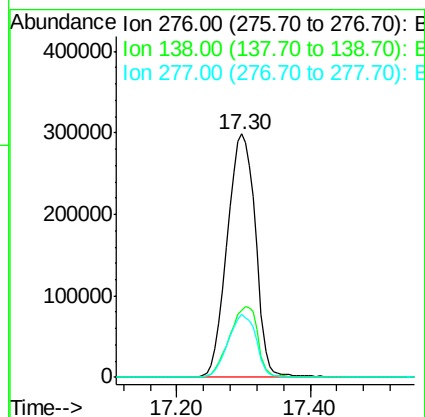
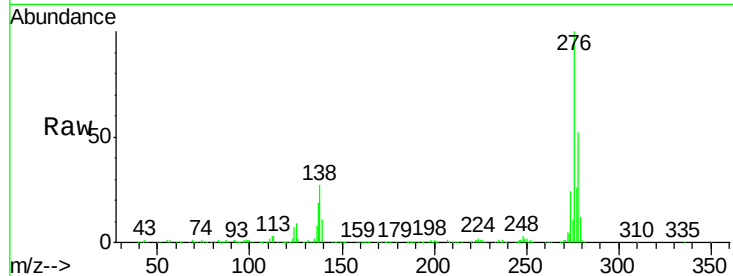




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.122 ng
 RT: 17.30 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: BF103868.D
 Acq: 23 Mar 2018 9:56

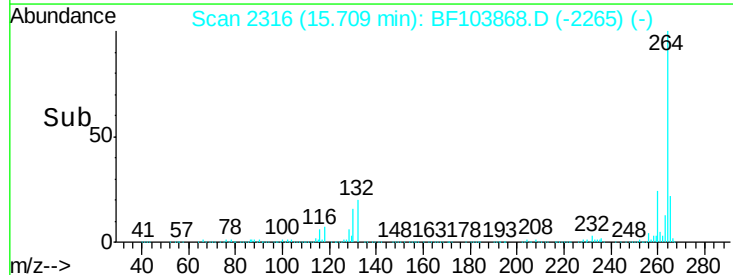
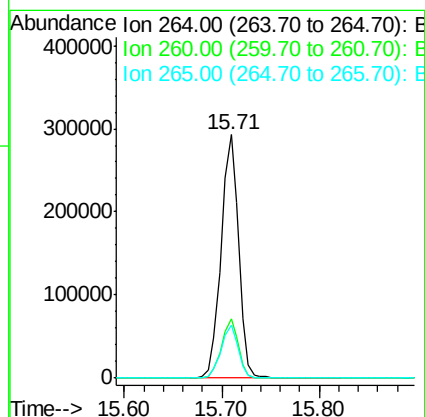
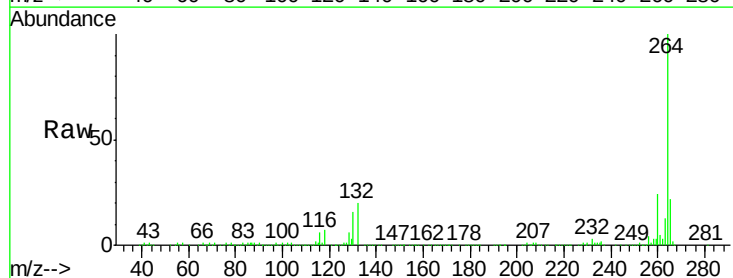
Instrument :
 BNA_F
 ClientSampleId :

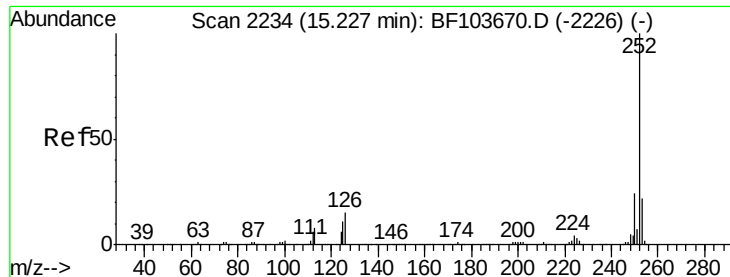
Tot Ion:276 Resp: 895018
 Ion Ratio Lower Upper
 276 100
 138 29.2 25.0 37.6
 277 25.6 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2316
 Delta R.T. -0.00 min
 Lab File: BF103868.D
 Acq: 23 Mar 2018 9:56

Tgt Ion:264 Resp: 364747
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.8 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 44.863 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

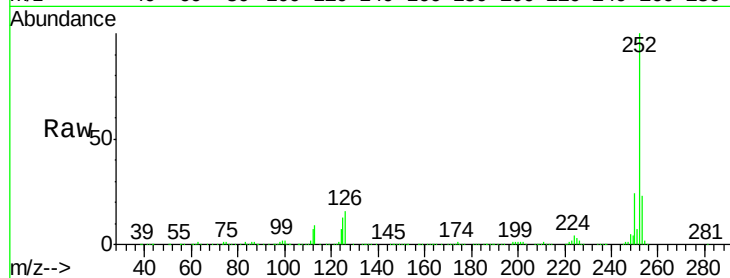
Tot Ion:252 Resp: 1033812

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

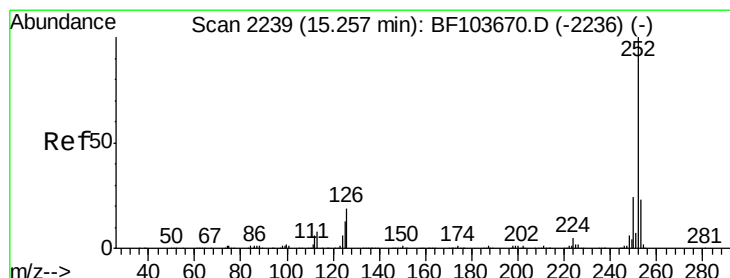
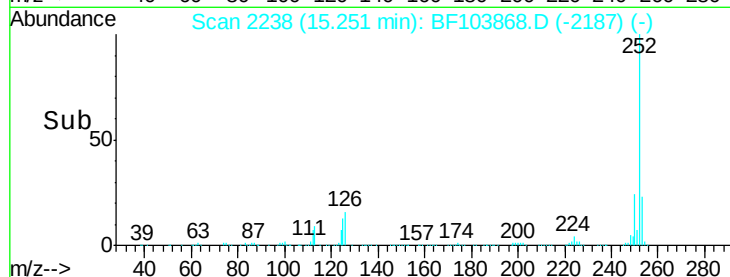
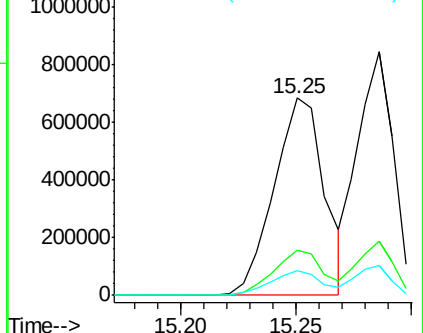
125 12.8 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.777 ng

RT: 15.29 min Scan# 2244

Delta R.T. 0.01 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

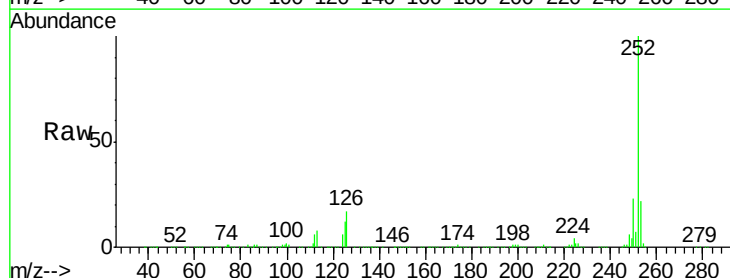
Tgt Ion:252 Resp: 925423

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

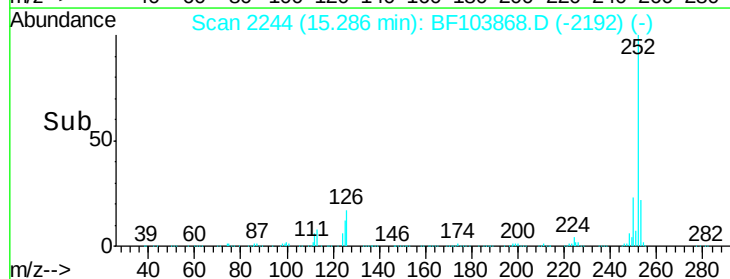
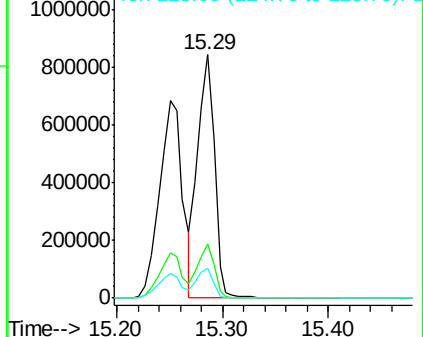
125 12.3 10.2 15.2

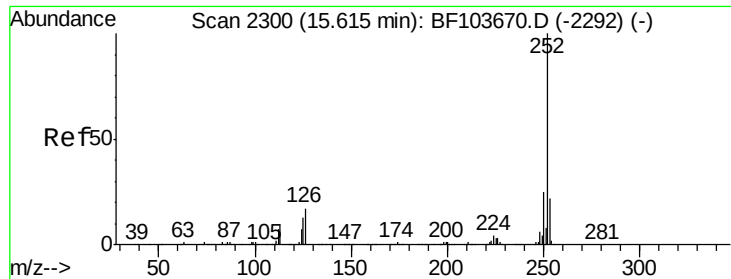


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.188 ng

RT: 15.64 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

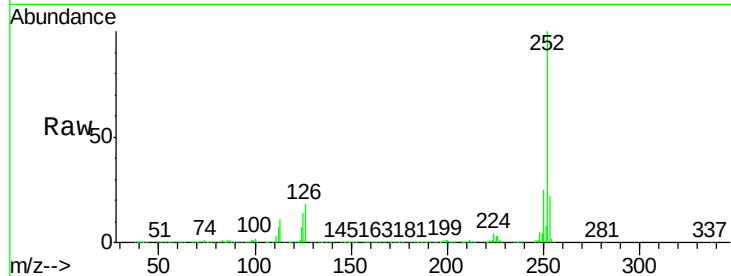
Tot Ion:252 Resp: 902674

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

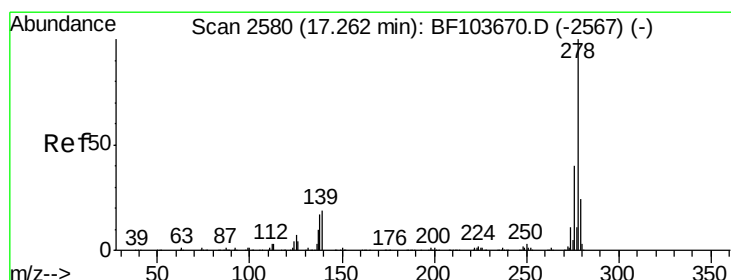
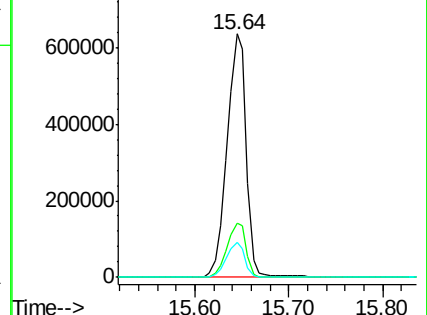
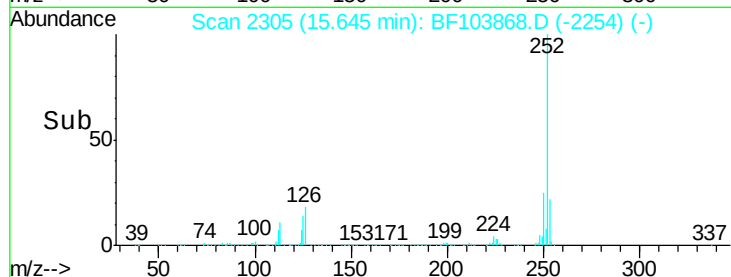
125 14.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.108 ng

RT: 17.32 min Scan# 2589

Delta R.T. -0.00 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

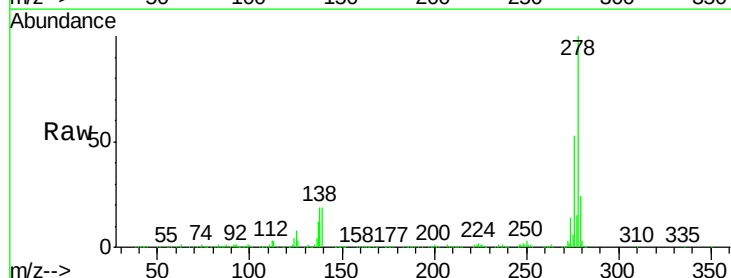
Tgt Ion:278 Resp: 743972

Ion Ratio Lower Upper

278 100

139 19.3 15.9 23.9

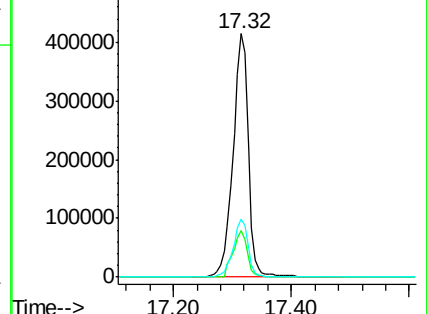
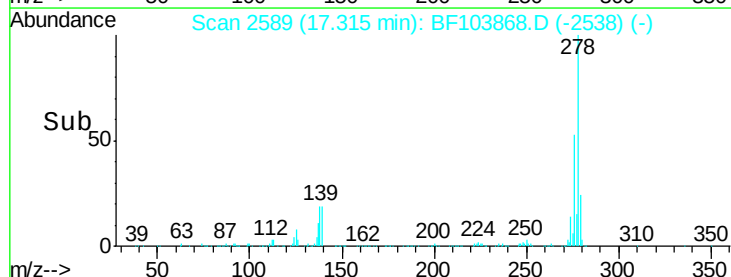
279 23.8 19.0 28.4

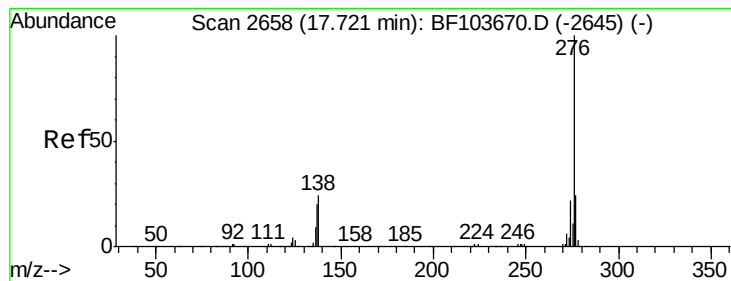


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.110 ng

RT: 17.79 min Scan# 2669

Delta R.T. 0.01 min

Lab File: BF103868.D

Acq: 23 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

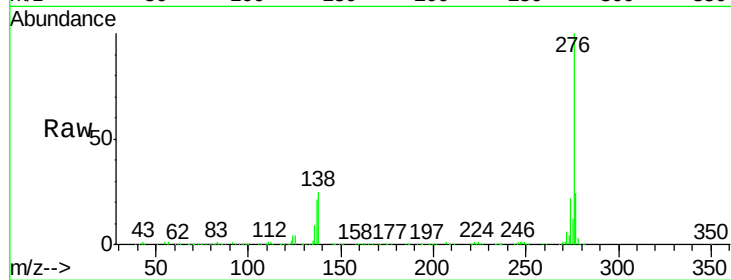
Tot Ion: 276 Resp: 741409

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 24.8 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

