

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103877.D
 Acq On : 23 Mar 2018 13:54
 Operator : JU/SJ
 Sample : J1997-25RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 14:26:41 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	160358	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	655163	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	299485	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	493011	20.00	ng	0.00
75) Chrysene-d12	14.16	240	331298	20.00	ng	0.00
86) Perylene-d12	15.71	264	323236	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	622737	59.07	ng	0.01
7) Phenol-d6	6.60	99	1197910	92.87	ng	0.00
23) Nitrobenzene-d5	7.54	82	749648	79.79	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	140019	54.38	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1330901	70.89	ng	0.00
78) Terphenyl-d14	13.10	244	1064326	74.57	ng	0.00

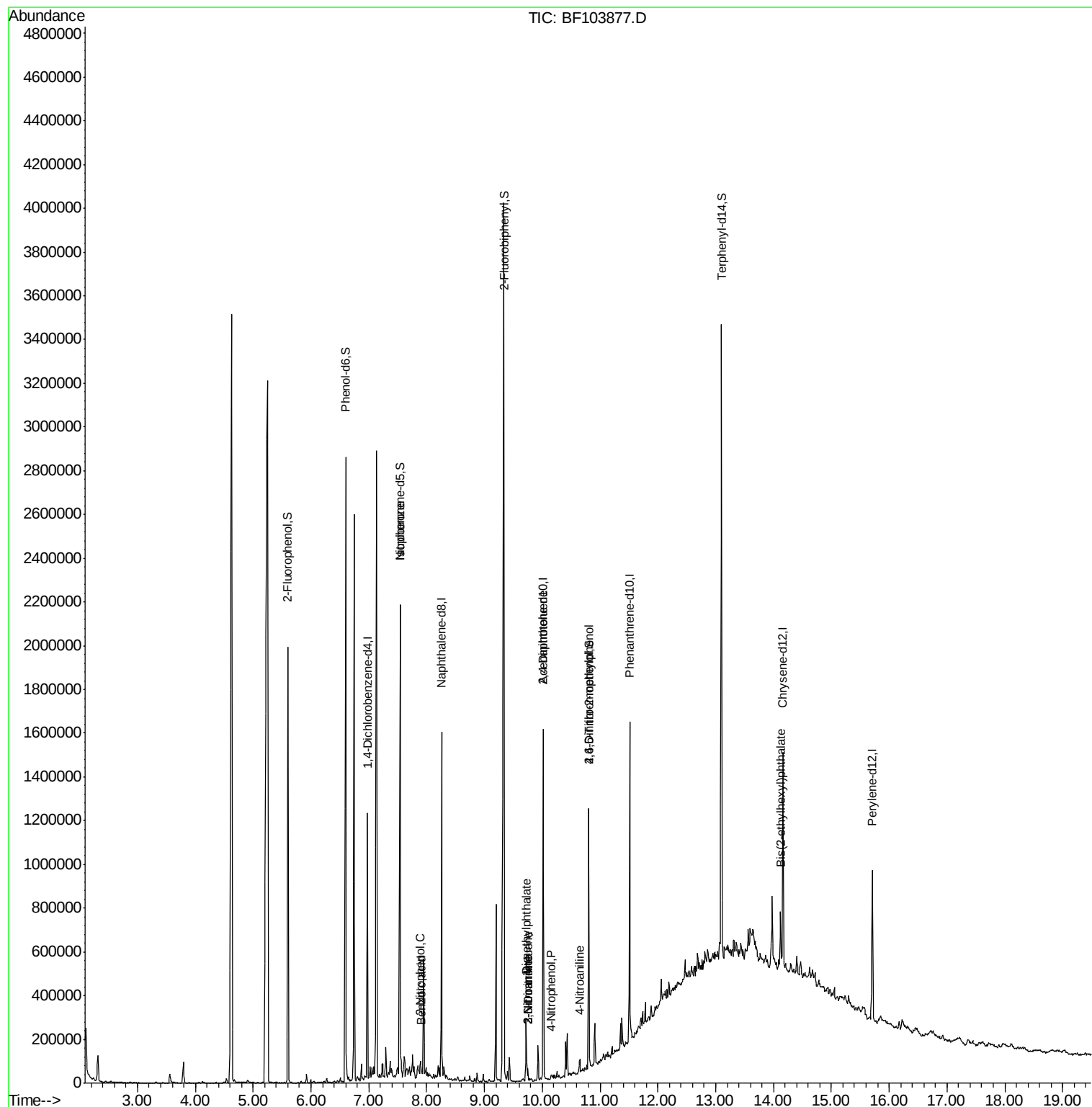
Target Compounds				Qvalue		
25) Isophorone	7.54	82	749395	34.457	ng	# 65
26) 2-Nitrophenol	7.89	139	275	9.499	ng	# 1
32) Benzoic acid	7.91	122	1345	10.068	ng	# 40
47) 2-Nitroaniline	9.75	65	313	6.866	ng	86
49) Dimethylphthalate	9.72	163	118898	5.204	ng	97
50) 2,6-Dinitrotoluene	9.75	165	4872	4.994	ng	# 24
52) 3-Nitroaniline	9.75	138	328	3.871	ng	# 52
55) 4-Nitrophenol	10.15	139	232	5.022	ng	# 1
56) 2,4-Dinitrotoluene	10.02	165	38655	12.223	ng	# 23
61) 4-Nitroaniline	10.65	138	125	3.772	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.80	198	280	8.286	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.12	149	73720	4.787	ng	98

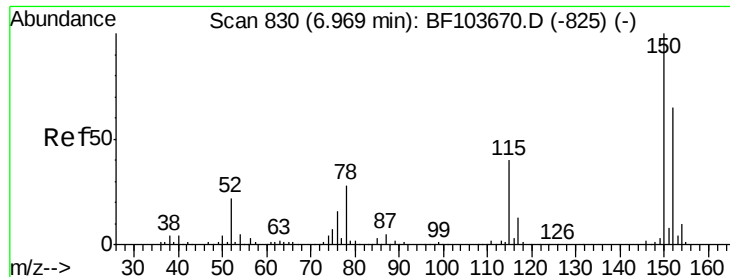
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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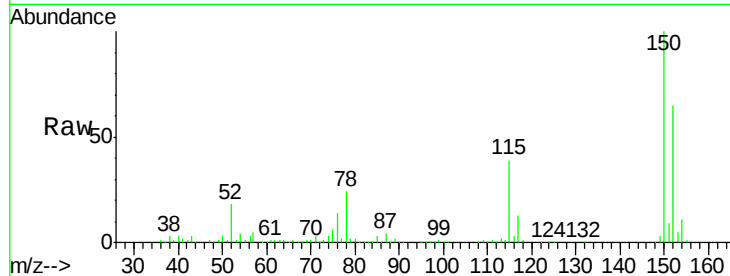


#1

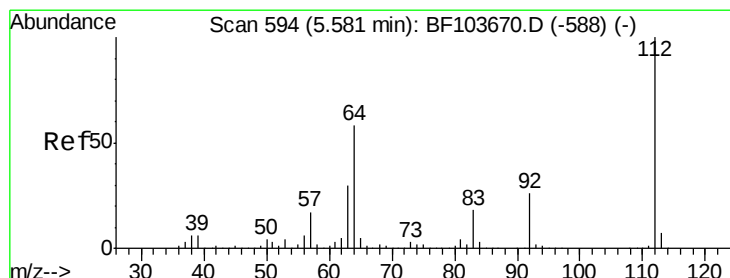
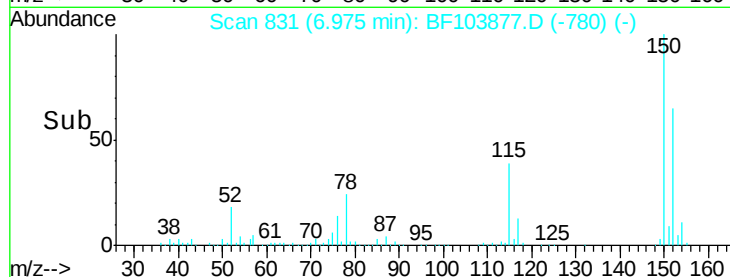
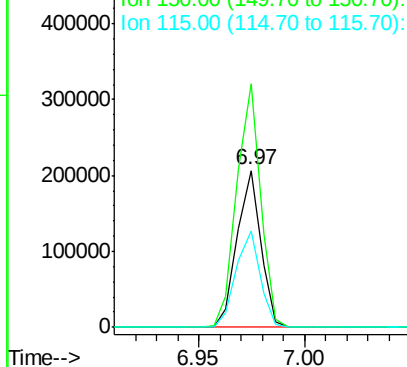
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103877.D
Acq: 23 Mar 2018 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160358
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 61.1 50.1 75.1



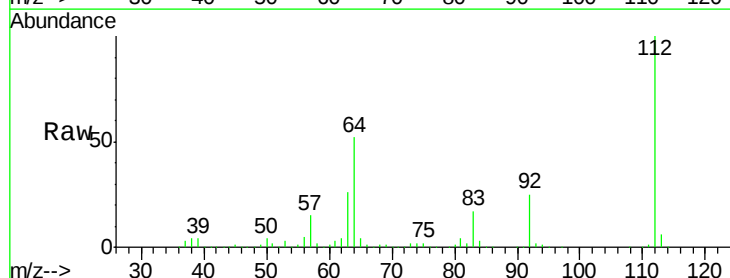
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



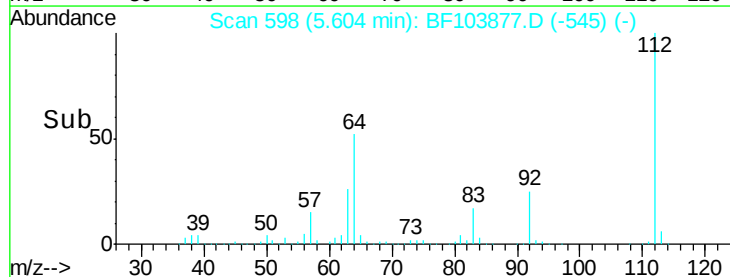
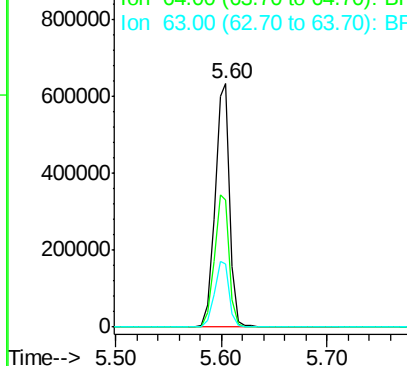
#5

2-Fluorophenol
Concen: 59.067 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103877.D
Acq: 23 Mar 2018 13:54

Tgt Ion:112 Resp: 622737
Ion Ratio Lower Upper
112 100
64 52.0 47.9 71.9
63 25.8 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





#7

Phenol-d6

Concen: 92.871 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103877.D

Acq: 23 Mar 2018 13:54

Instrument :

BNA_F

ClientSampleId :

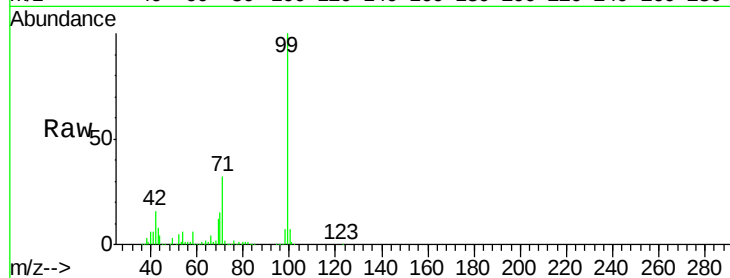
Tot Ion: 99 Resp: 1197910

Ion Ratio Lower Upper

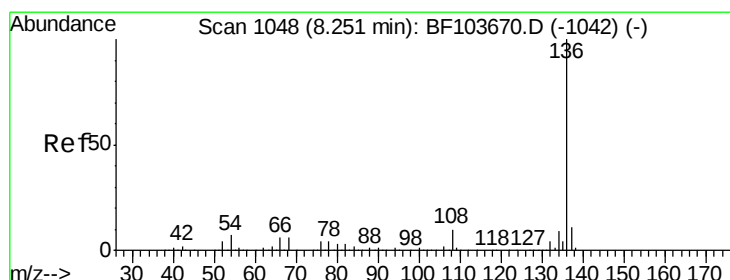
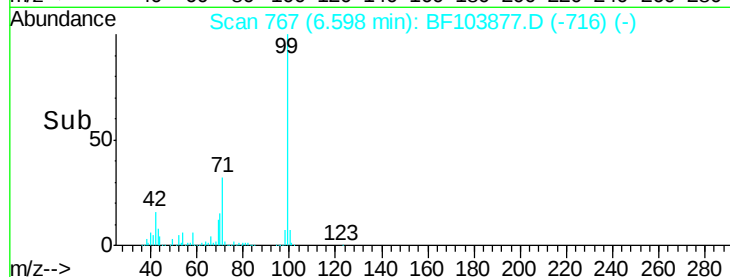
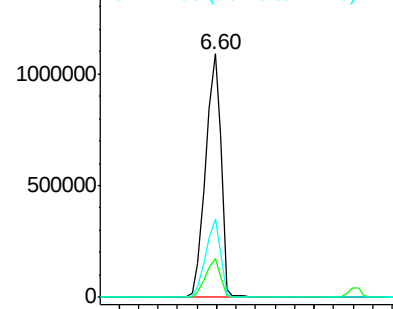
99 100

42 15.7 14.5 21.7

71 32.1 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103877.D

Acq: 23 Mar 2018 13:54

Tgt Ion: 136 Resp: 655163

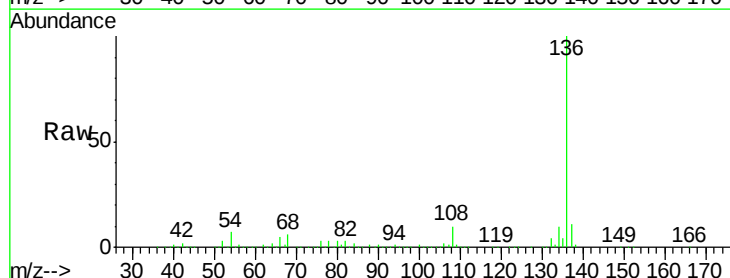
Ion Ratio Lower Upper

136 100

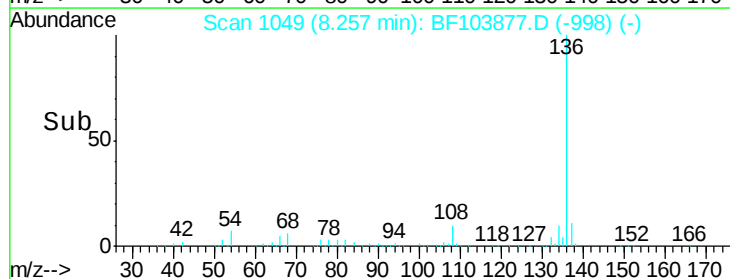
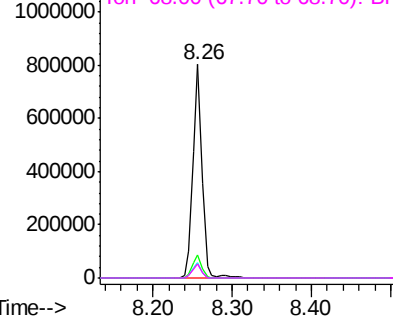
137 11.1 8.9 13.3

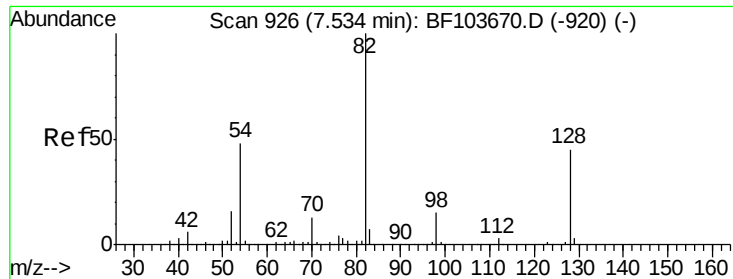
54 7.0 6.6 9.8

68 6.4 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

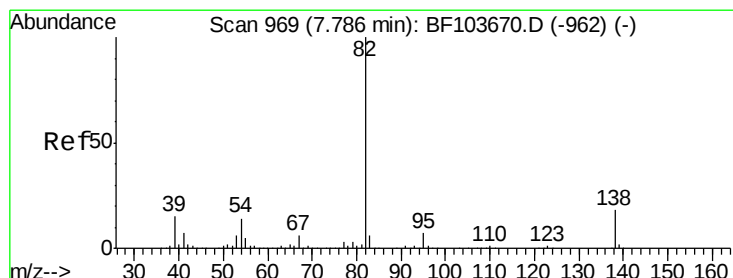
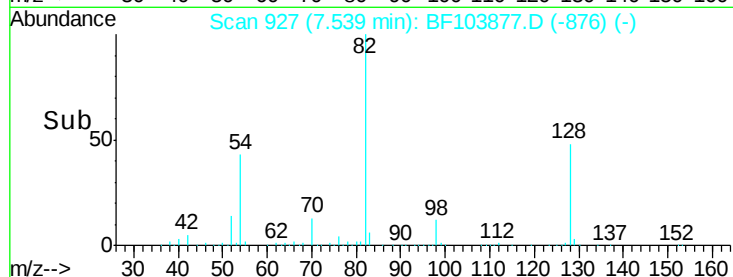
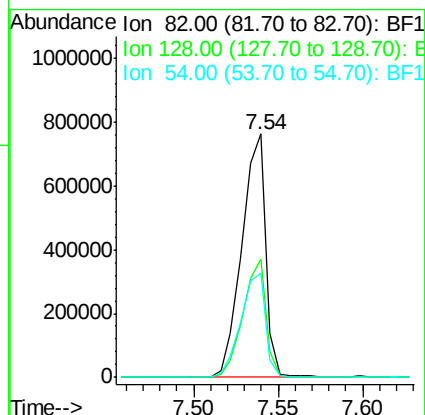
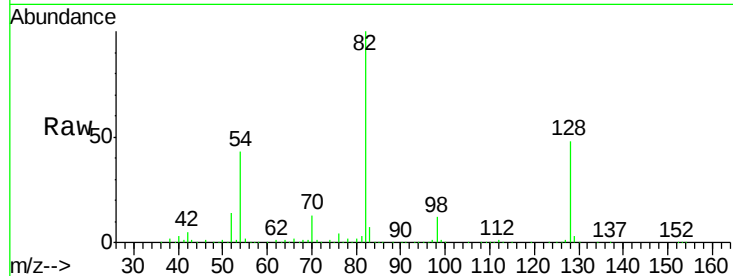




#23
 Nitrobenzene-d5
 Concen: 79.793 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103877.D
 Acq: 23 Mar 2018 13:54

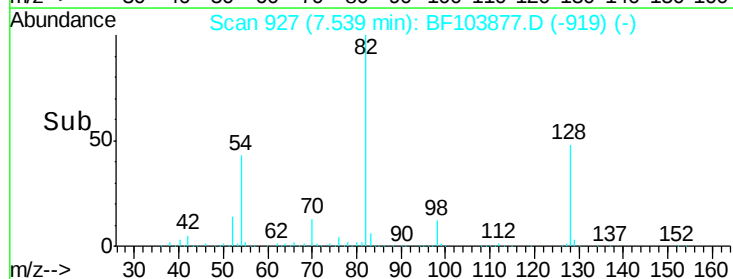
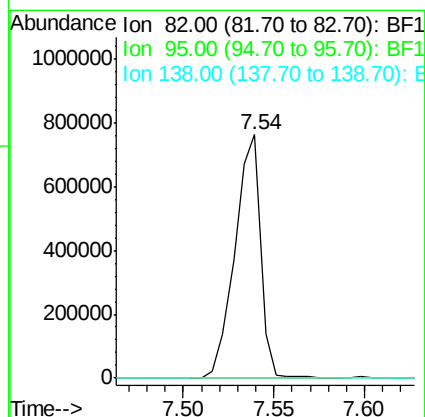
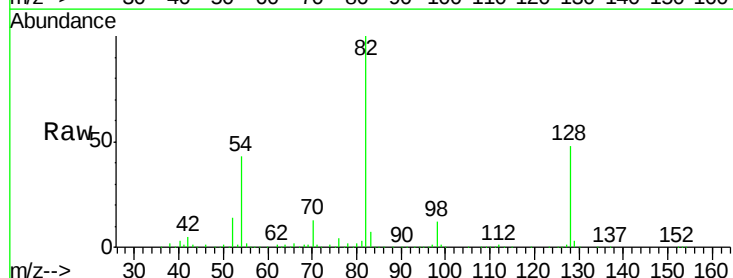
Instrument :
 BNA_F
 ClientSampleId :

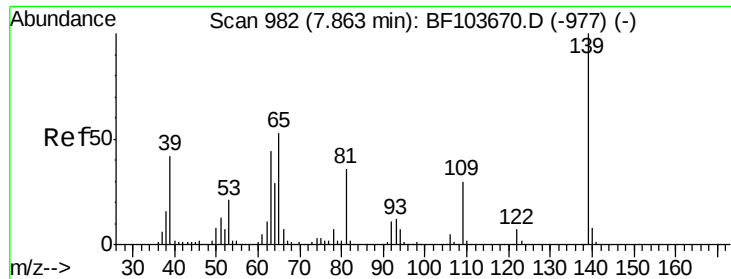
Tot Ion	82	Resp	749648
Ion Ratio	100	Lower	Upper
128	48.3	36.1	54.1
54	42.9	41.4	62.2



#25
 Isophorone
 Concen: 34.457 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.25 min
 Lab File: BF103877.D
 Acq: 23 Mar 2018 13:54

Tgt Ion	82	Resp	749395
Ion Ratio	100	Lower	Upper
95	0.4	5.2	7.8#
138	0.0	14.9	22.3#

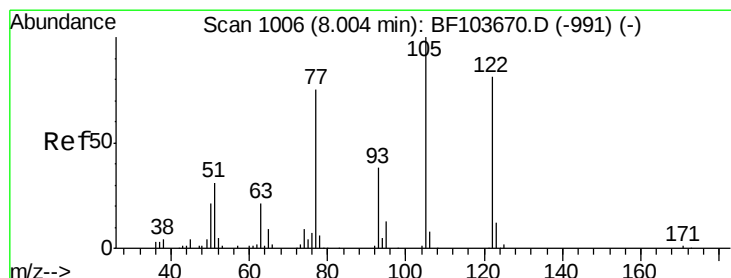
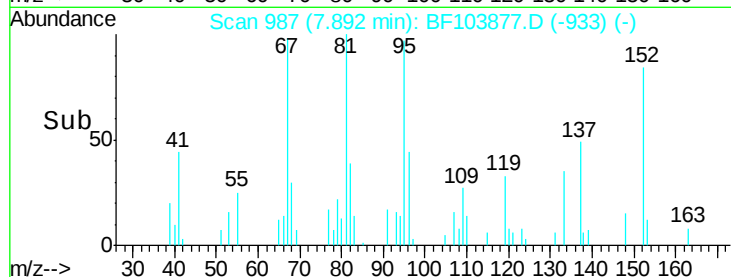
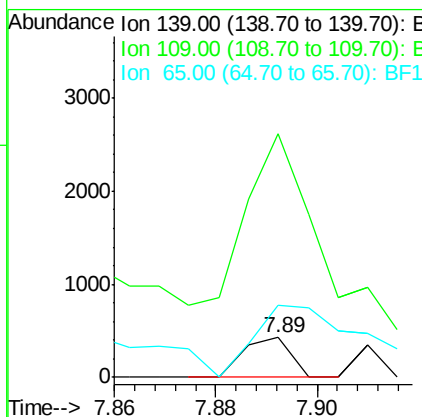
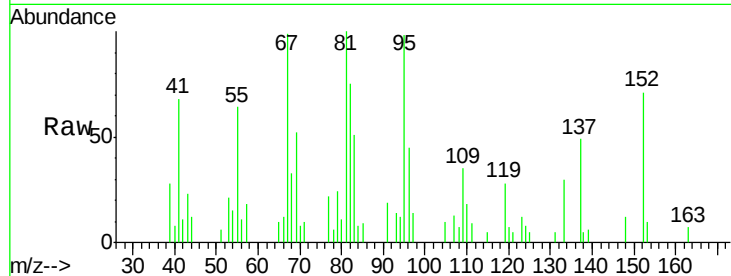




#26
2-Nitrophenol
Concen: 9.499 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.02 min
Lab File: BF103877.D
Acq: 23 Mar 2018 13:54

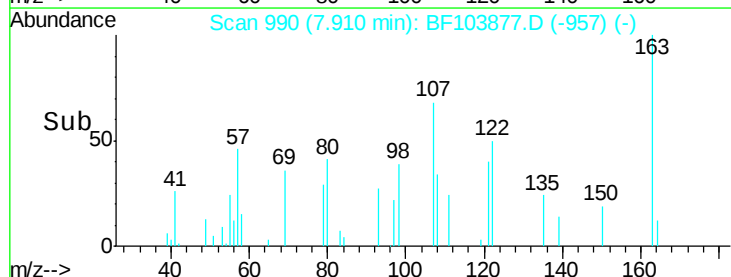
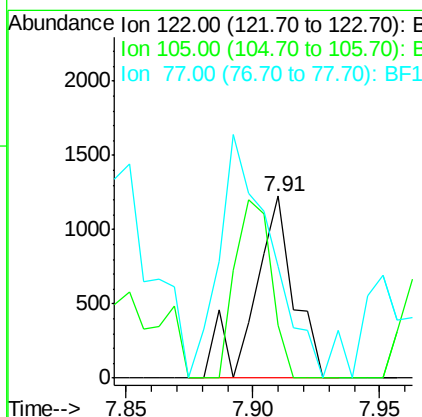
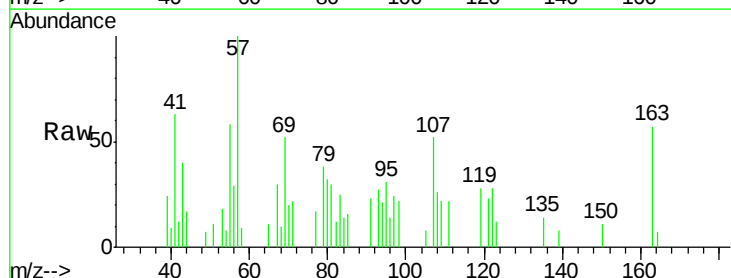
Instrument :
BNA_F
ClientSampleId :

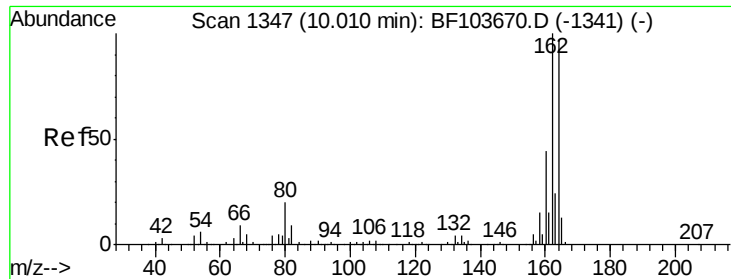
Tot Ion:139 Resp: 275
Ion Ratio Lower Upper
139 100
109 611.4 22.7 34.1#
65 179.7 40.5 60.7#



#32
Benzoic acid
Concen: 10.068 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.11 min
Lab File: BF103877.D
Acq: 23 Mar 2018 13:54

Tgt Ion:122 Resp: 1345
Ion Ratio Lower Upper
122 100
105 28.9 101.1 141.1#
77 61.8 70.7 110.7#

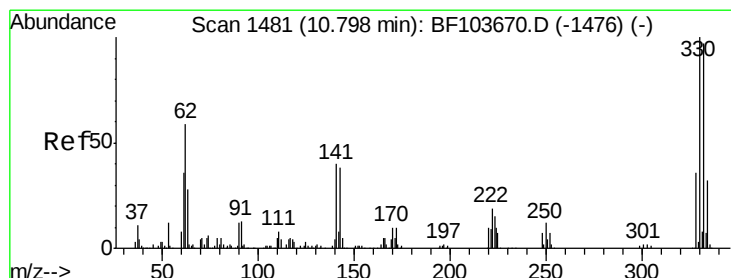
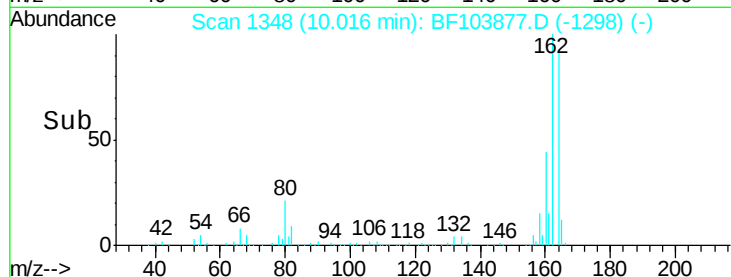
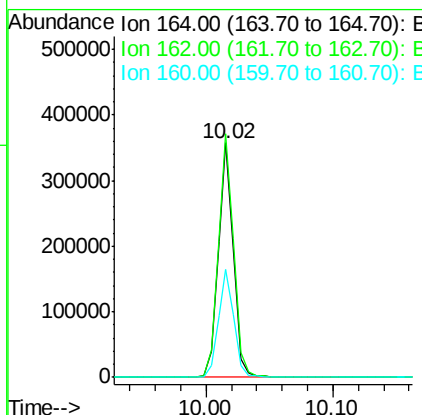
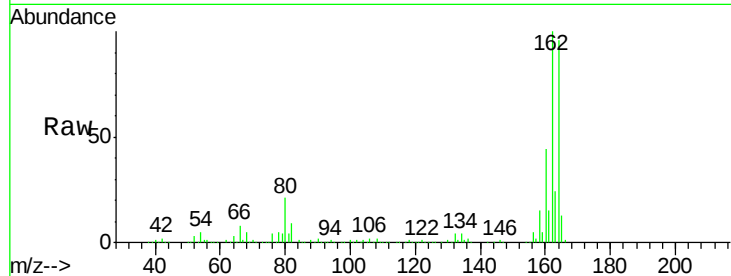




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103877.D
 Acq: 23 Mar 2018 13:54

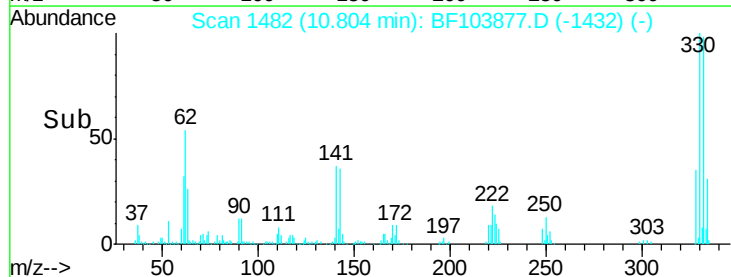
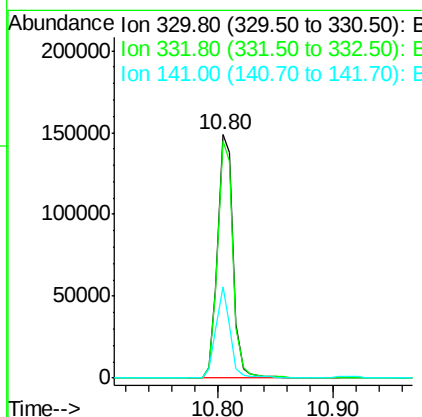
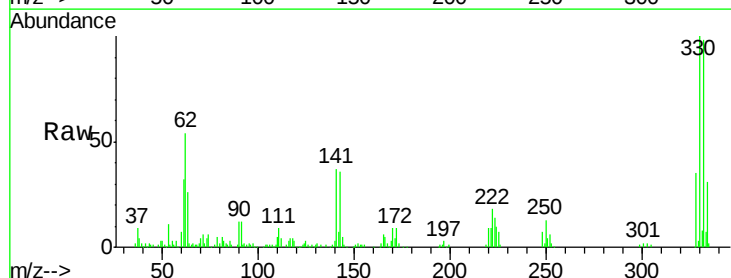
Instrument :
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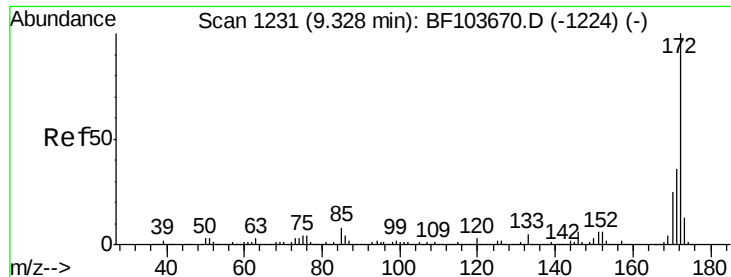
Tot Ion:164 Resp: 299485
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 45.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 54.377 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103877.D
 Acq: 23 Mar 2018 13:54

Tgt Ion:330 Resp: 140019
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 34.5 29.9 44.9

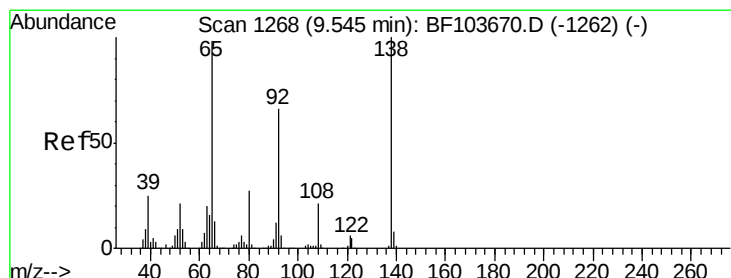
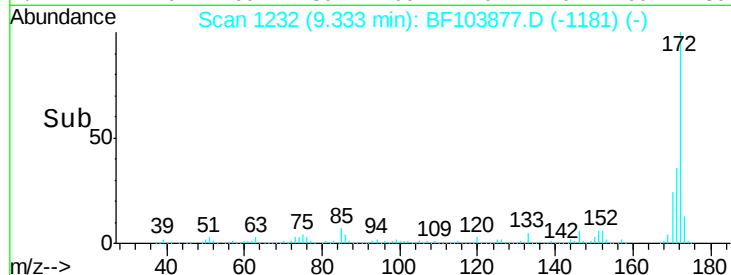
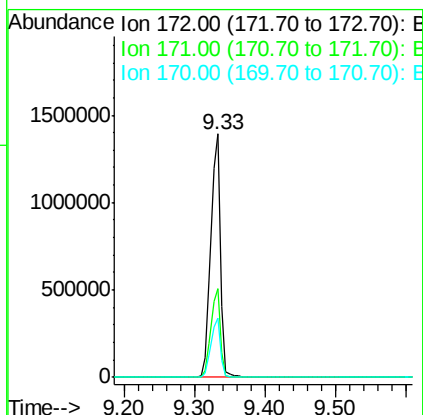
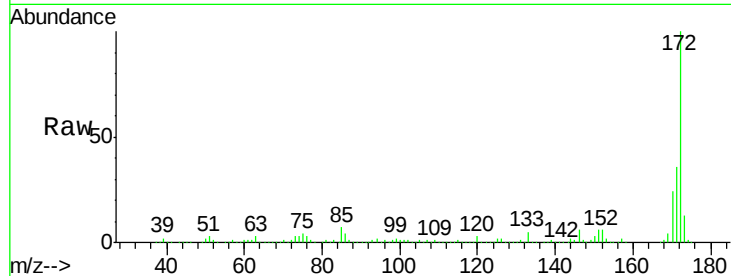




#44
2-Fluorobiphenyl
Concen: 70.888 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103877.D
Acq: 23 Mar 2018 13:54

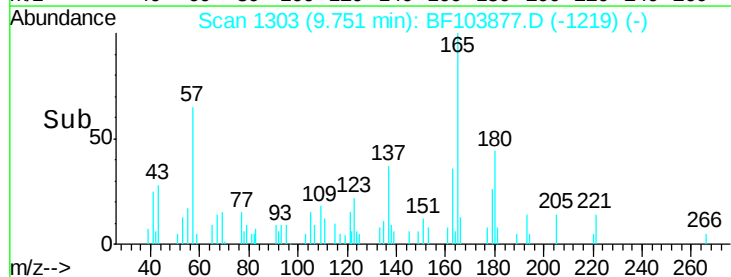
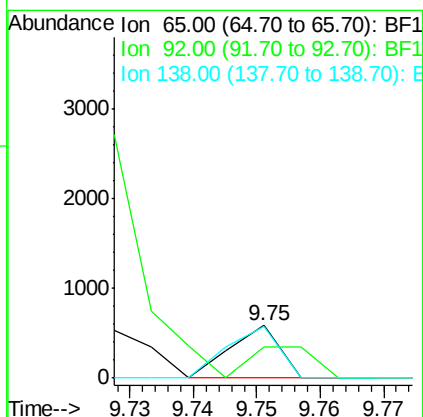
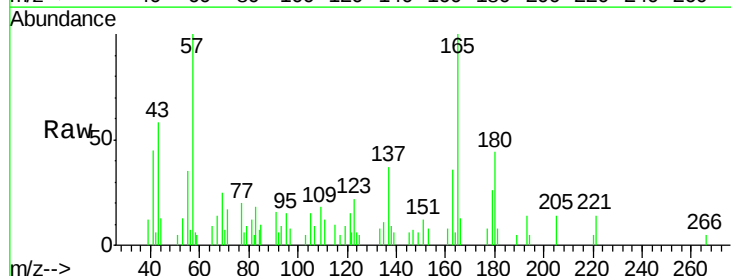
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BNA_F
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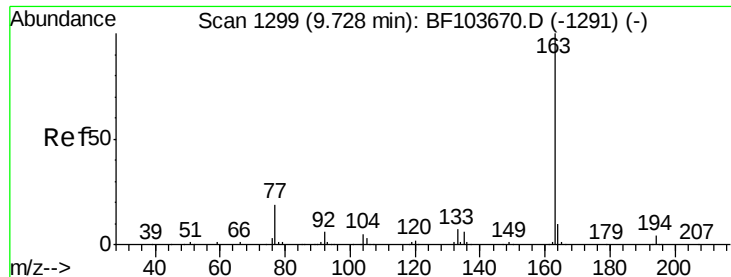
Tot Ion:172 Resp: 1330901
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.3 19.6 29.4



#47
2-Nitroaniline
Concen: 6.866 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.19 min
Lab File: BF103877.D
Acq: 23 Mar 2018 13:54

Tgt Ion: 65 Resp: 313
Ion Ratio Lower Upper
65 100
92 58.4 55.8 83.6
138 99.0 91.2 136.8

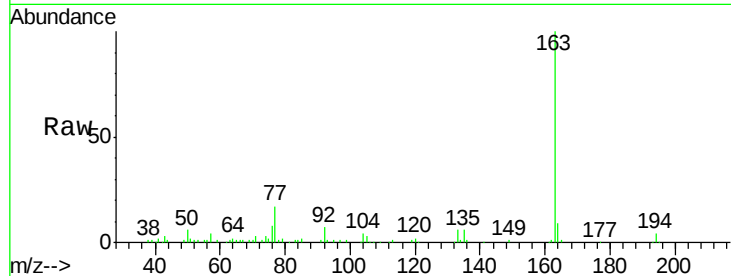




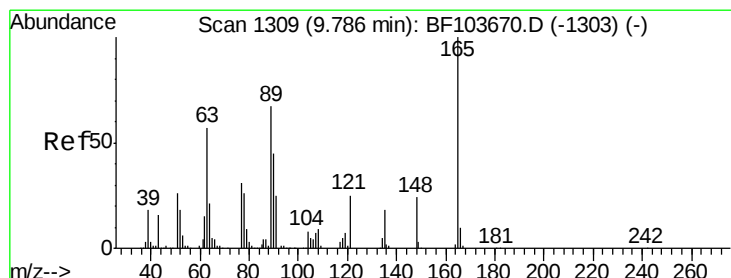
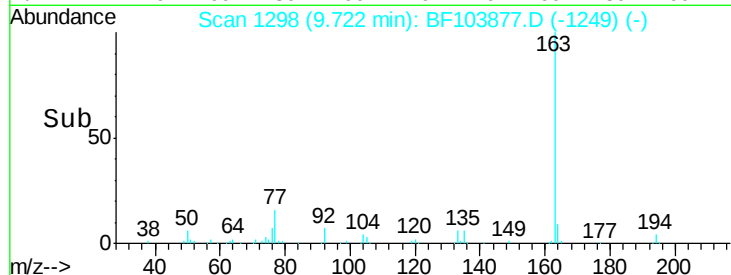
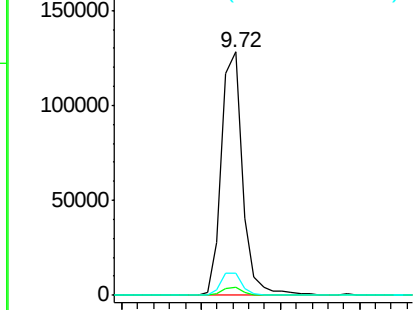
#49
Dimethylphthalate
Concen: 5.204 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF103877.D
Acq: 23 Mar 2018 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 118898
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 8.9 8.2 12.2

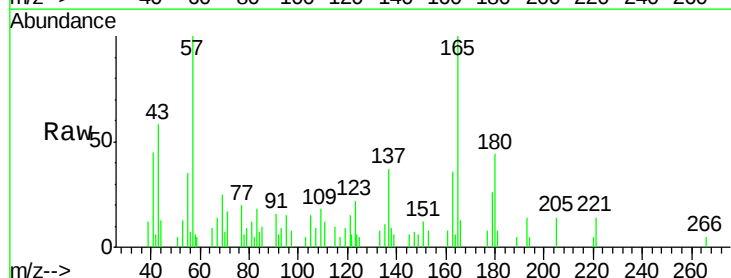


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

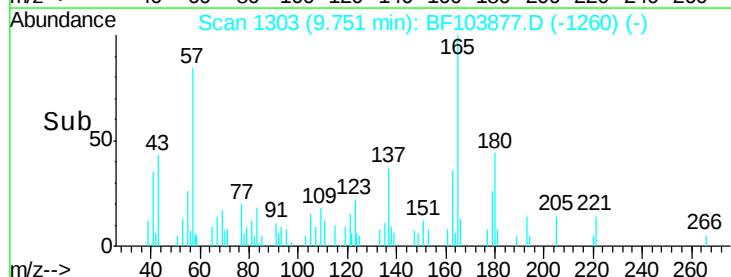
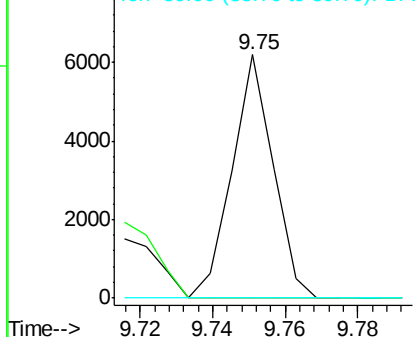


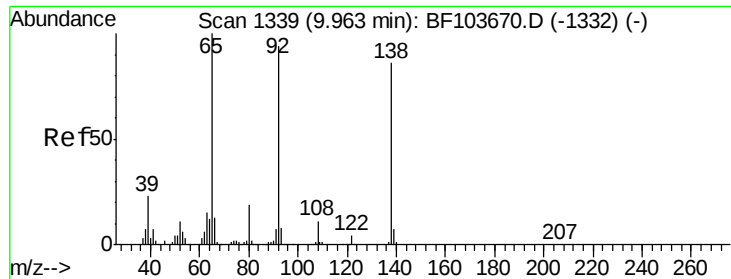
#50
2,6-Dinitrotoluene
Concen: 4.994 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.05 min
Lab File: BF103877.D
Acq: 23 Mar 2018 13:54

Tgt Ion:165 Resp: 4872
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 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

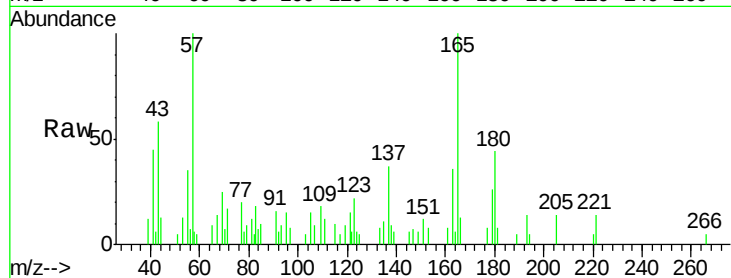




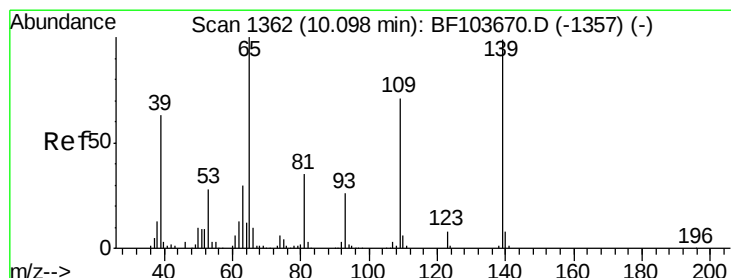
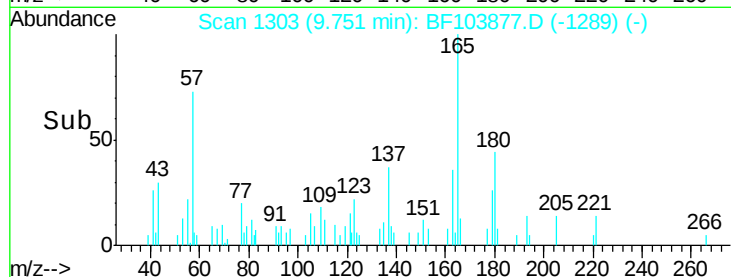
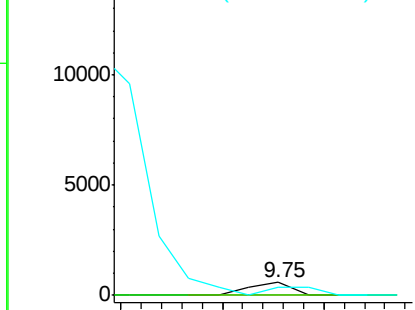
#52
3-Nitroaniline
Concen: 3.871 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.22 min
Lab File: BF103877.D
Acq: 23 Mar 2018 13:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 328
Ion Ratio Lower Upper
138 100
108 0.0 9.4 14.0#
92 59.0 89.4 134.2#

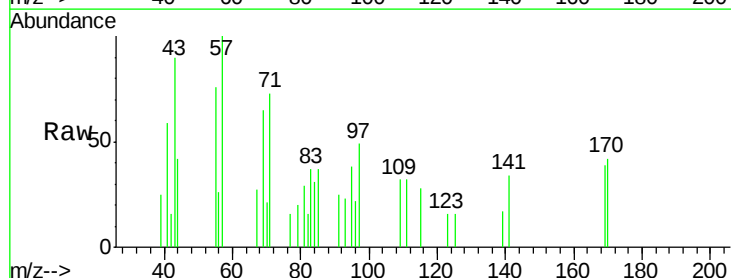


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

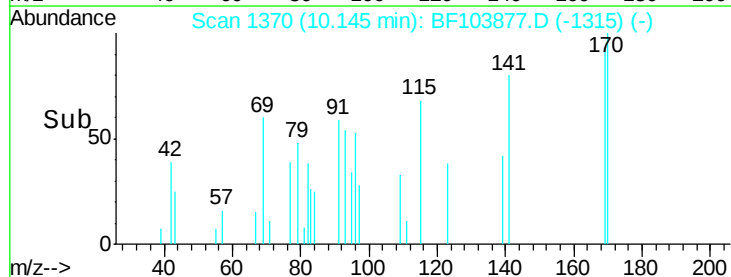
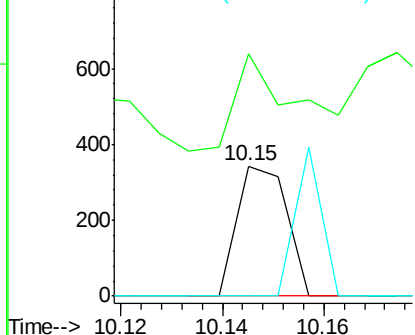


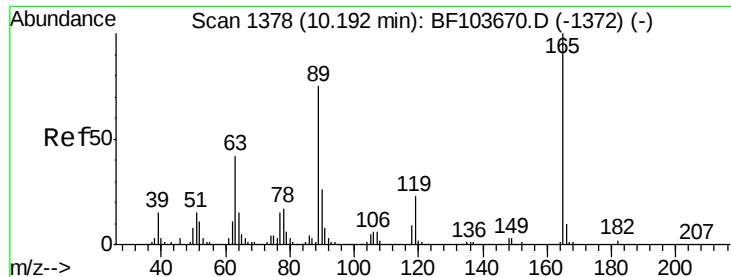
#55
4-Nitrophenol
Concen: 5.022 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.02 min
Lab File: BF103877.D
Acq: 23 Mar 2018 13:54

Tgt Ion:139 Resp: 232
Ion Ratio Lower Upper
139 100
109 186.0 48.4 88.4#
65 0.0 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

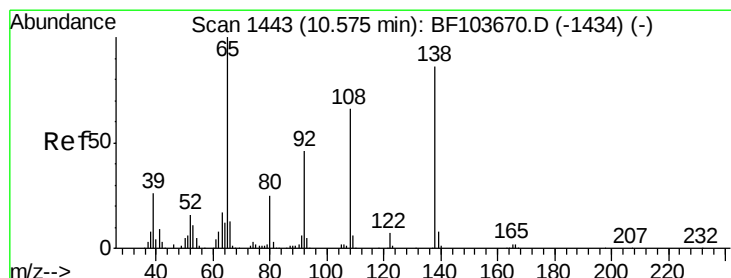
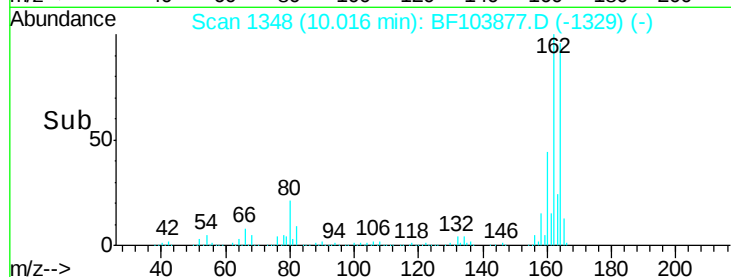
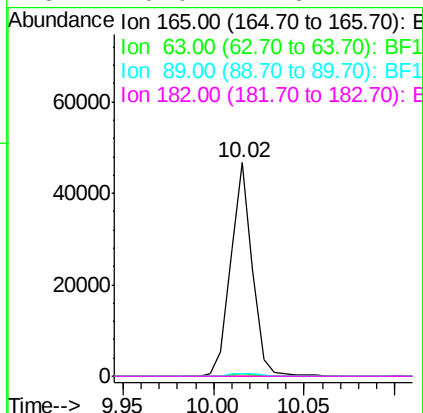
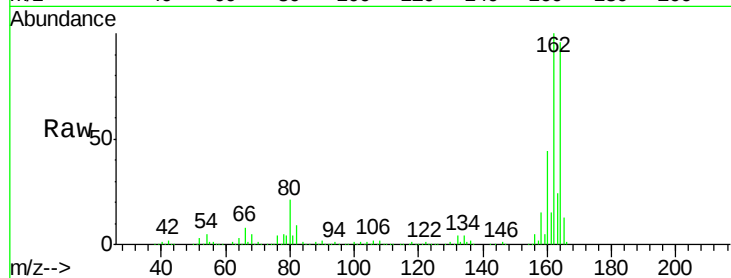




#56
 2,4-Dinitrotoluene
 Concen: 12.223 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF103877.D
 Acq: 23 Mar 2018 13:54

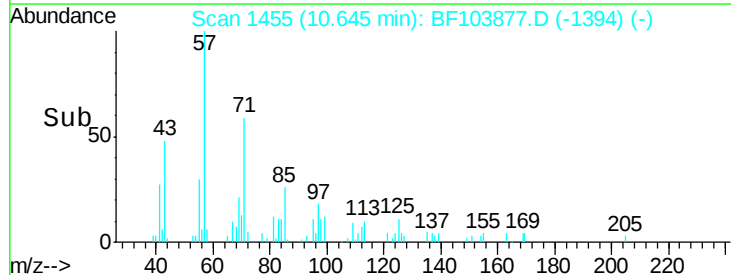
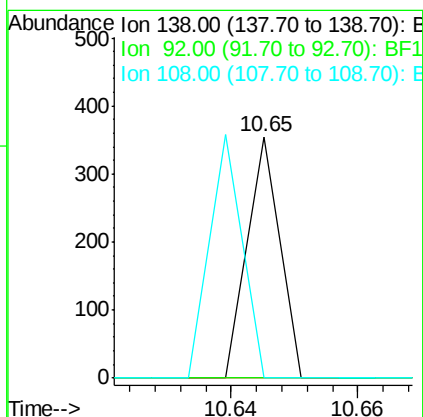
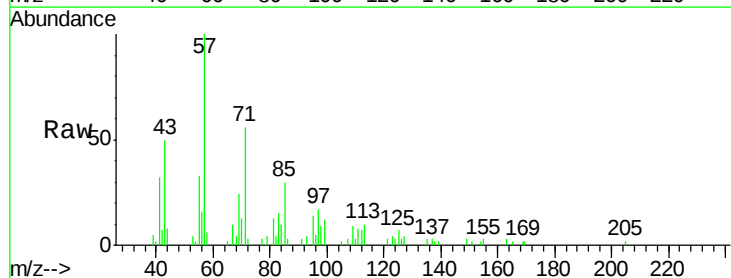
Instrument :
 BNA_F
 ClientSampleId :

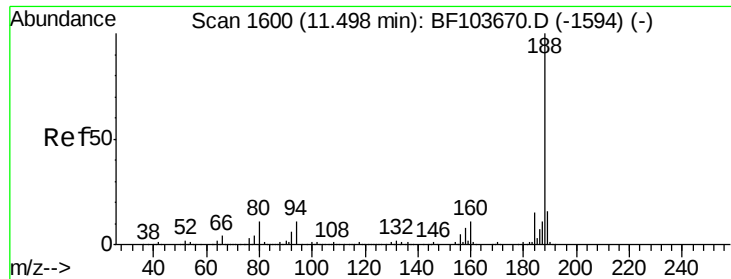
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#61
 4-Nitroaniline
 Concen: 3.772 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.06 min
 Lab File: BF103877.D
 Acq: 23 Mar 2018 13:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	0.0	30.2	70.2#
108	0.0	52.5	92.5#

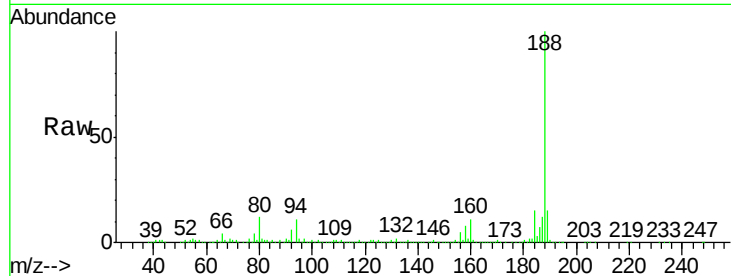




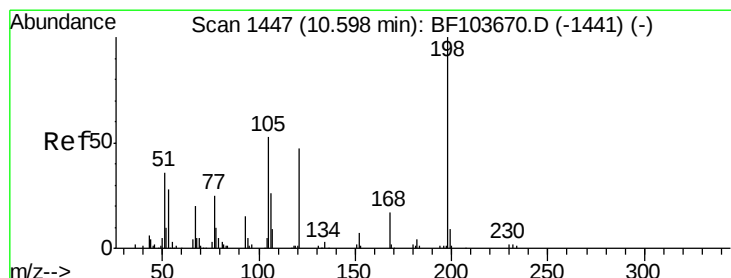
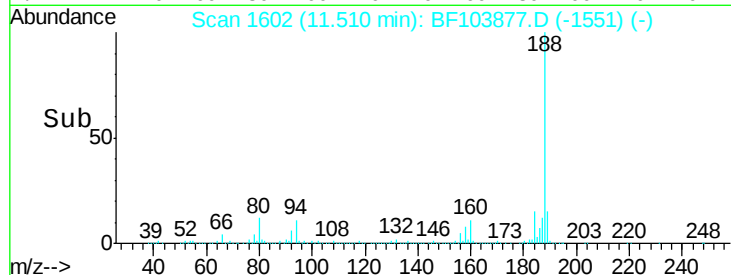
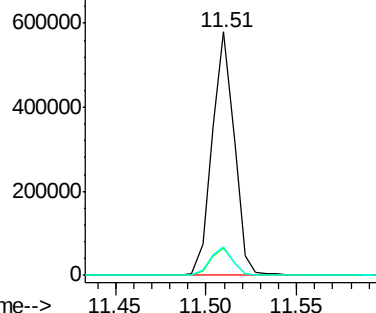
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103877.D
 Acq: 23 Mar 2018 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 493011
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 11.8 9.2 13.8

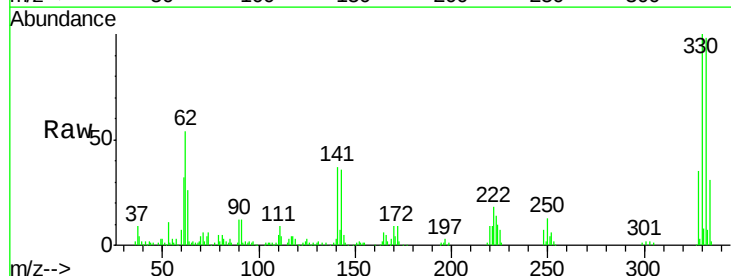


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

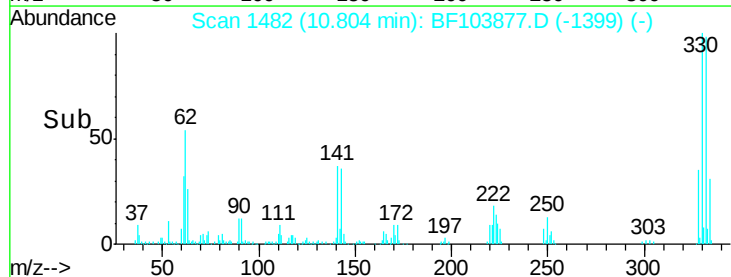
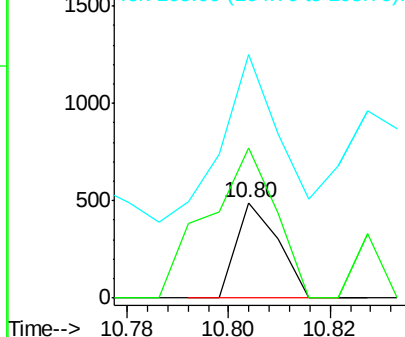


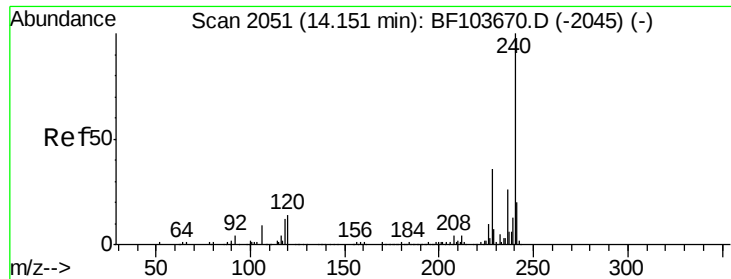
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.286 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.19 min
 Lab File: BF103877.D
 Acq: 23 Mar 2018 13:54

Tgt Ion:198 Resp: 280
 Ion Ratio Lower Upper
 198 100
 51 157.6 37.7 77.7#
 105 255.3 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF103877.D

Acq: 23 Mar 2018 13:54

Instrument :

BNA_F

ClientSampleId :

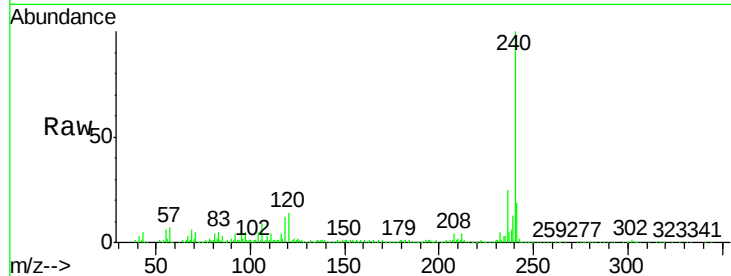
Tot Ion:240 Resp: 331298

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

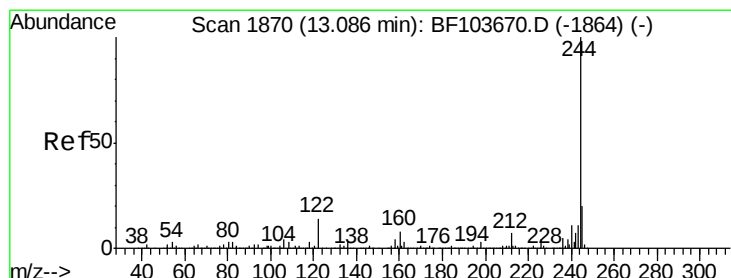
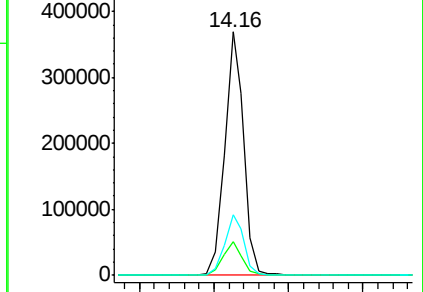
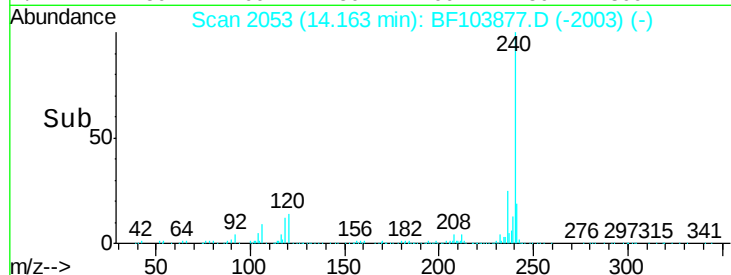
236 25.0 20.7 31.1



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



#78

Terphenyl-d14

Concen: 74.569 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF103877.D

Acq: 23 Mar 2018 13:54

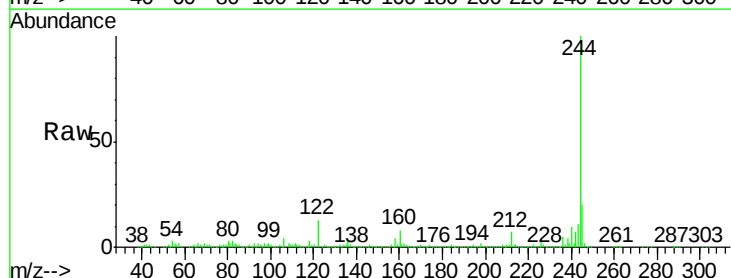
Tgt Ion:244 Resp: 1064326

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

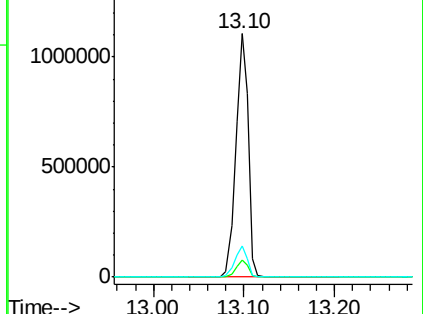
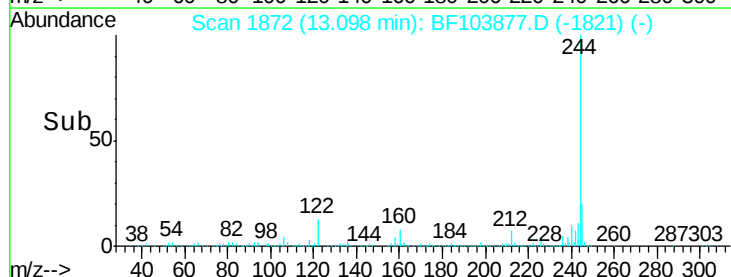
122 12.9 11.0 16.4

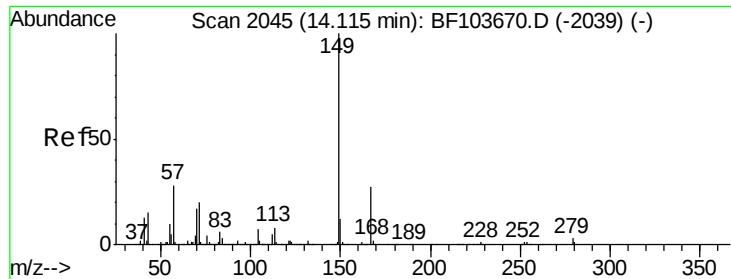


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

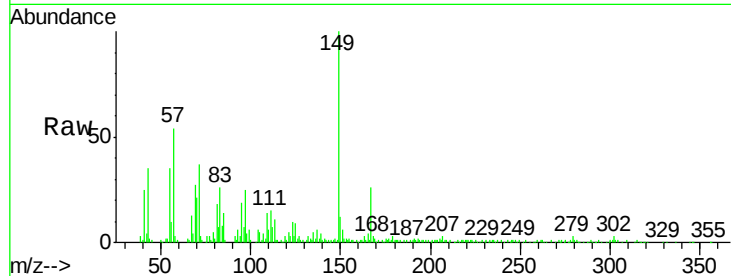




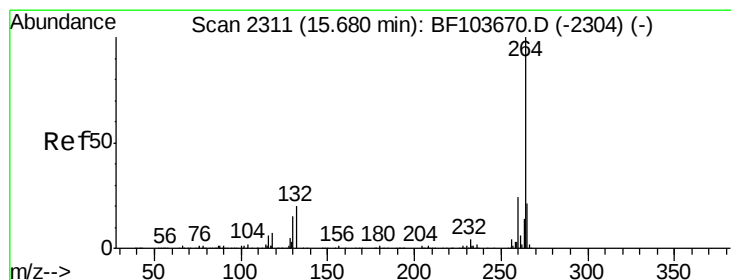
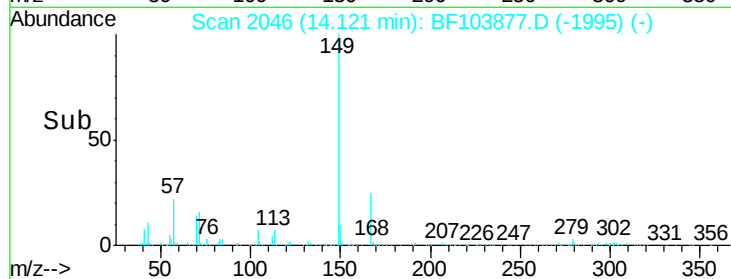
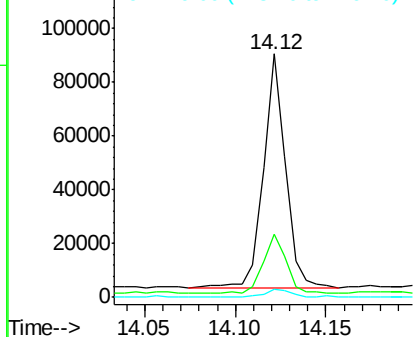
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.787 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: BF103877.D
 Acq: 23 Mar 2018 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 73720
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.3 31.9
 279 3.1 3.0 4.4

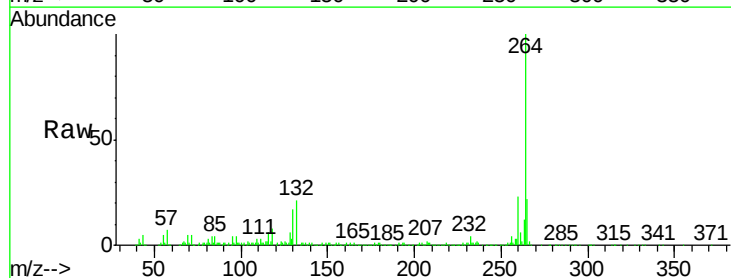


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2316
 Delta R.T. -0.00 min
 Lab File: BF103877.D
 Acq: 23 Mar 2018 13:54

Tgt Ion:264 Resp: 323236
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

