

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
 Data File : BF103560.D
 Acq On : 9 Mar 2018 16:40
 Operator : SJ/JU
 Sample : J1855-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 17:09:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

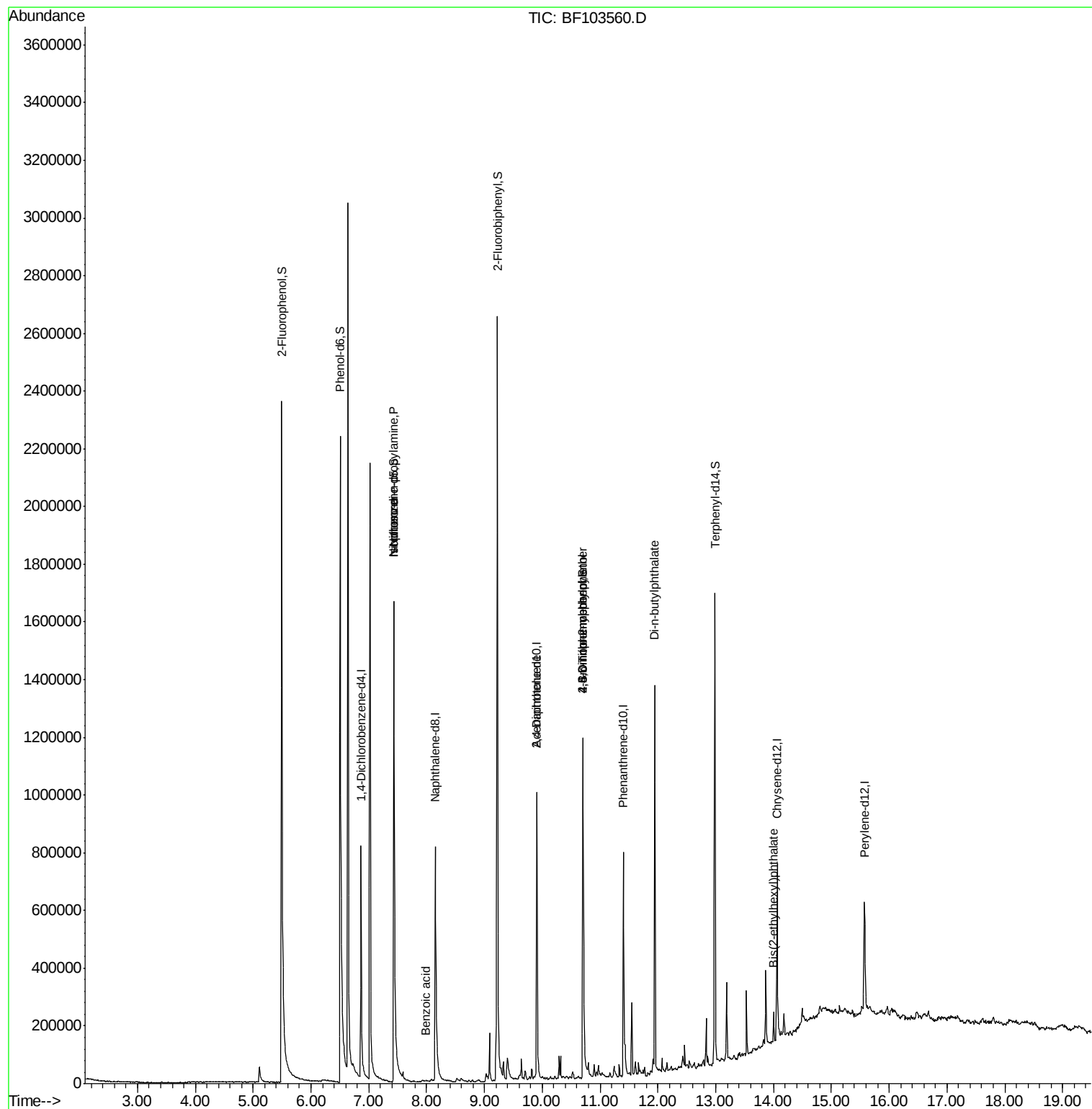
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	144356	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	610875	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	233996	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	330925	20.00	ng	0.00
75) Chrysene-d12	14.06	240	242069	20.00	ng	0.00
86) Perylene-d12	15.57	264	207474	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	955871	100.15	ng	0.00
7) Phenol-d6	6.50	99	1175954	100.69	ng	0.00
23) Nitrobenzene-d5	7.43	82	772673	72.23	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	146266	73.85	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	952774	66.56	ng	0.00
78) Terphenyl-d14	12.99	244	558009	55.41	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1642	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	100786	13.866	ng	# 86
25) Isophorone	7.43	82	778812	36.968	ng	# 64
32) Benzoic acid	8.00	122	225	6.944	ng	# 19
56) 2,4-Dinitrotoluene	9.90	165	29550	5.931	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.71	198	303	5.080	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	10181	2.953	ng	# 1
73) Di-n-butylphthalate	11.95	149	662055	28.450	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	27283	2.028	ng	# 99

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

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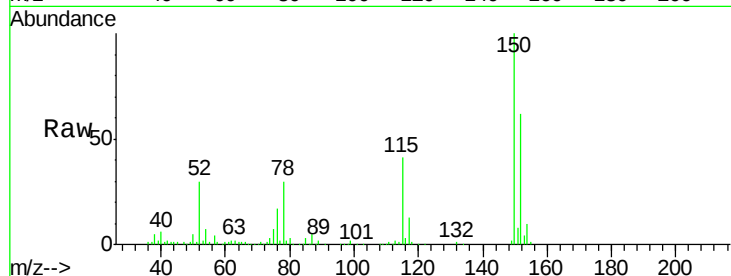


#1

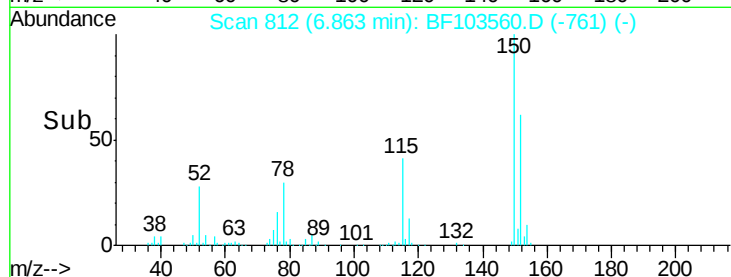
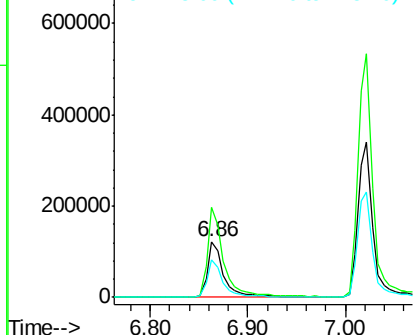
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103560.D
Acq: 9 Mar 2018 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144356
Ion Ratio Lower Upper
152 100
150 162.6 124.6 186.8
115 67.1 50.1 75.1



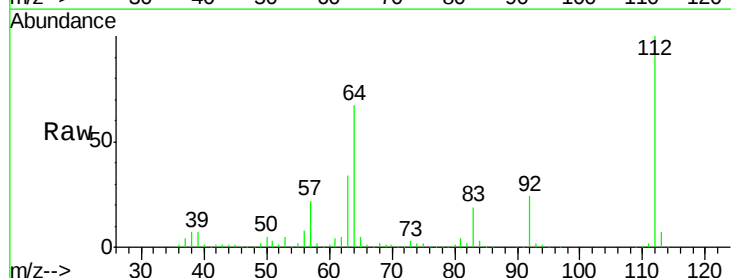
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



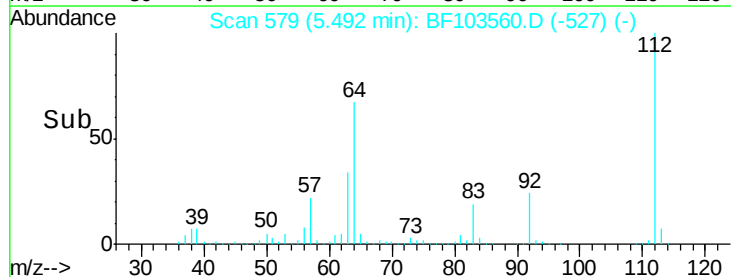
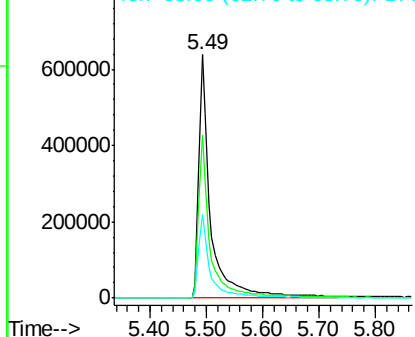
#5

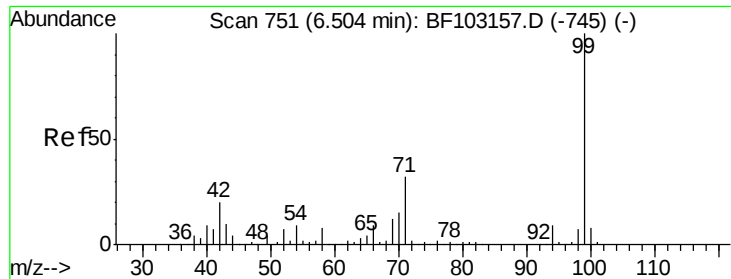
2-Fluorophenol
Concen: 100.147 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103560.D
Acq: 9 Mar 2018 16:40

Tgt Ion:112 Resp: 955871
Ion Ratio Lower Upper
112 100
64 67.1 47.9 71.9
63 34.5 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: 100.687 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103560.D

Acq: 9 Mar 2018 16:40

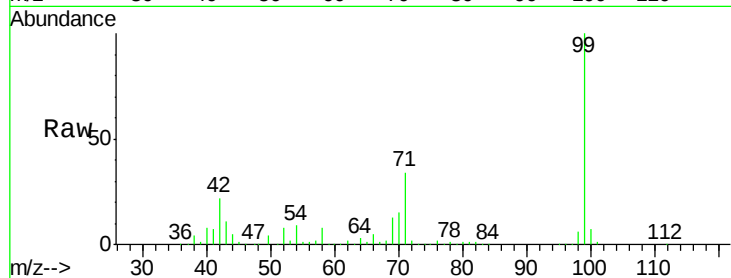
Instrument :

BNA_F

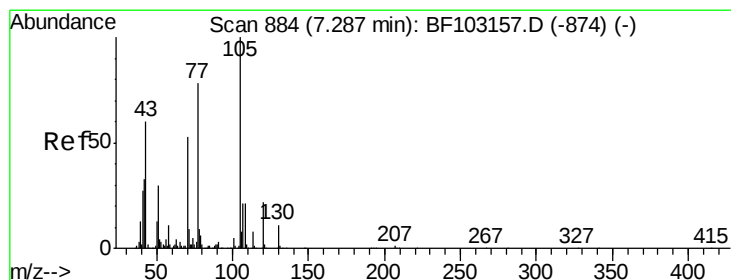
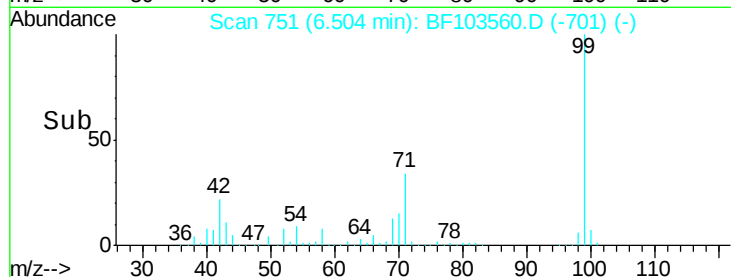
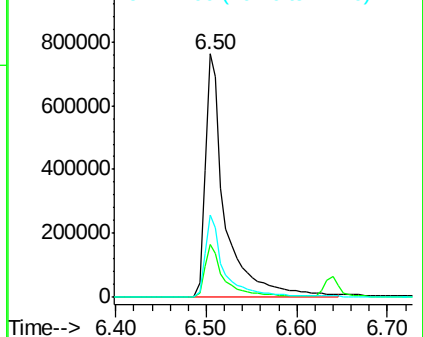
ClientSampled :

Tot Ion: 99 Resp: 1175954

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	33.8	25.4	38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.866 ng

RT: 7.43 min Scan# 909

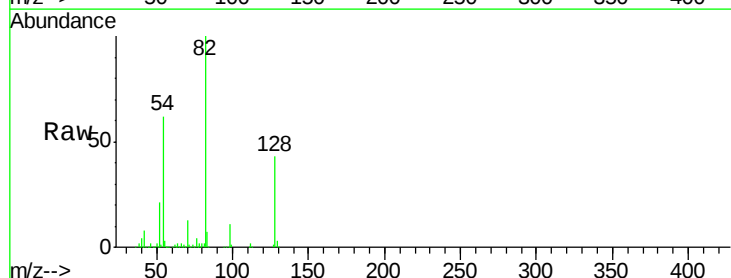
Delta R.T. 0.15 min

Lab File: BF103560.D

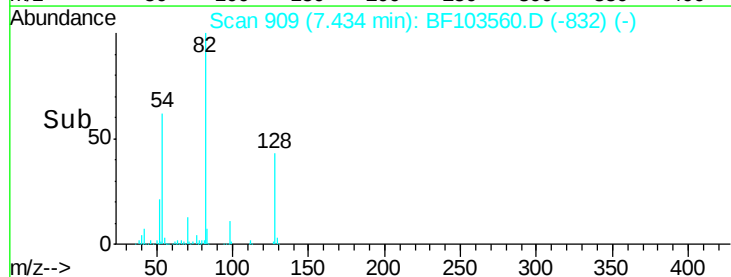
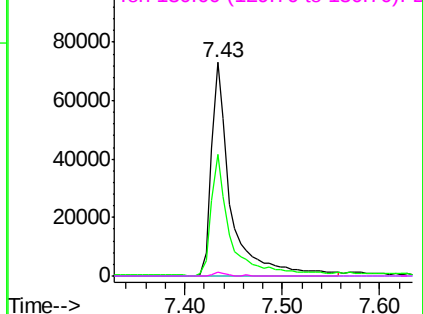
Acq: 9 Mar 2018 16:40

Tgt Ion: 70 Resp: 100786

Ion	Ratio	Lower	Upper
70	100		
42	56.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	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

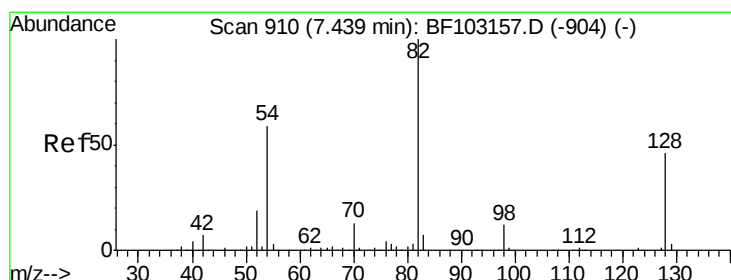
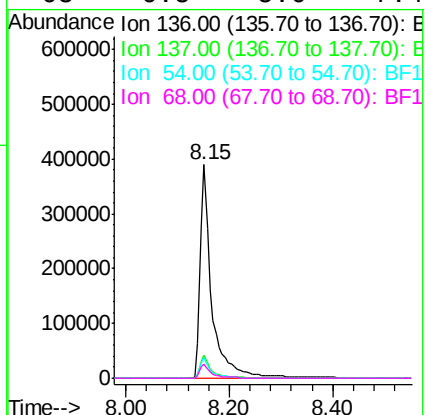
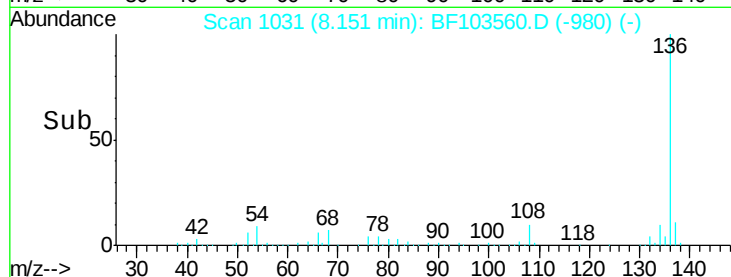
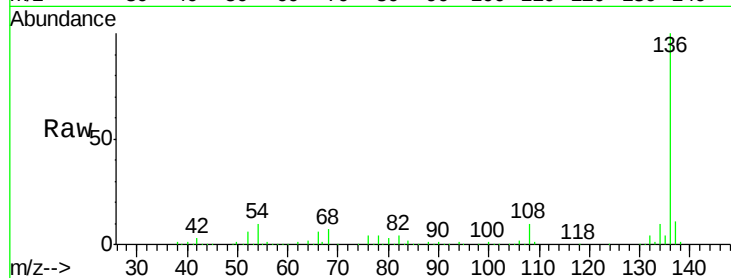




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103560.D
Acq: 9 Mar 2018 16:40

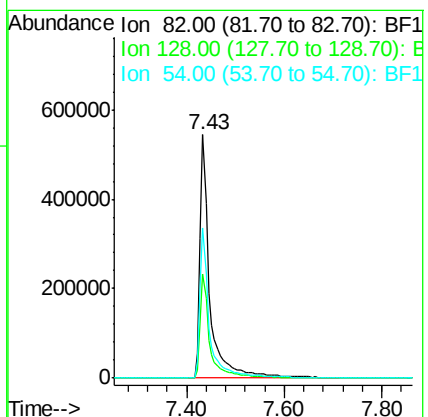
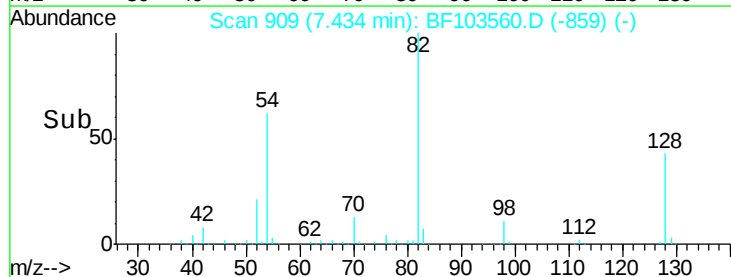
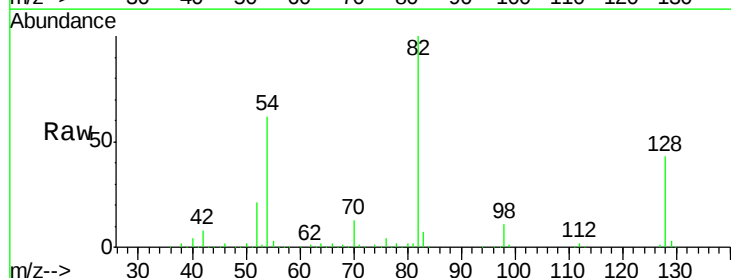
Instrument :
BNA_F
ClientSampled :

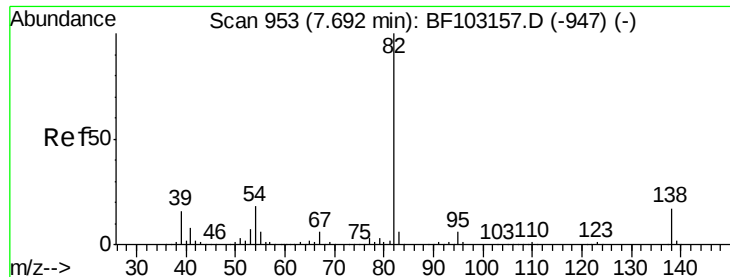
Tot Ion:	136	Resp:	610875
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.5	6.6	9.8
68	6.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 72.234 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103560.D
Acq: 9 Mar 2018 16:40

Tgt Ion:	82	Resp:	772673
Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	61.7	41.4	62.2





#25

Isophorone

Concen: 36.968 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF103560.D

Acq: 9 Mar 2018 16:40

Instrument :

BNA_F

ClientSampleId :

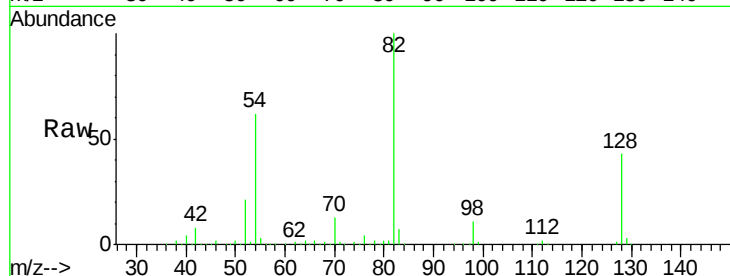
Tot Ion: 82 Resp: 778812

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

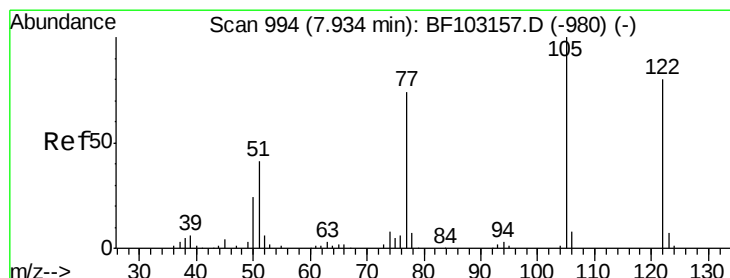
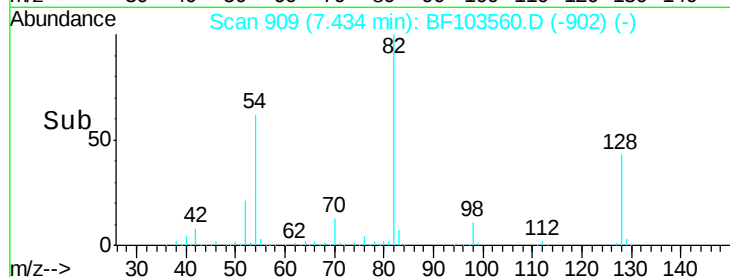
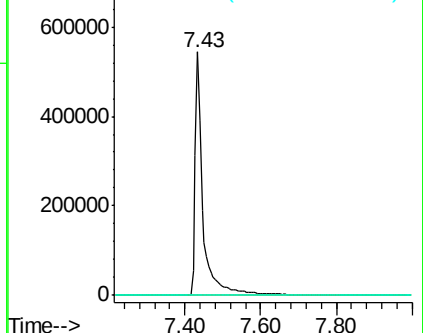
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 6.944 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.03 min

Lab File: BF103560.D

Acq: 9 Mar 2018 16:40

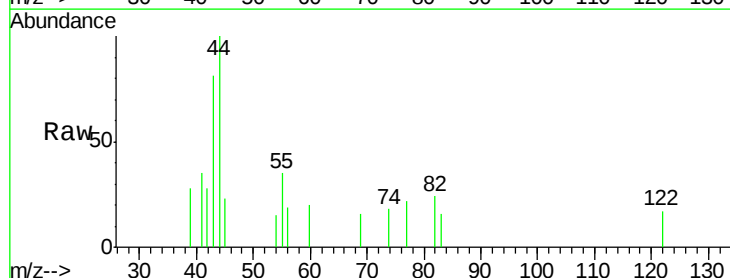
Tgt Ion: 122 Resp: 225

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

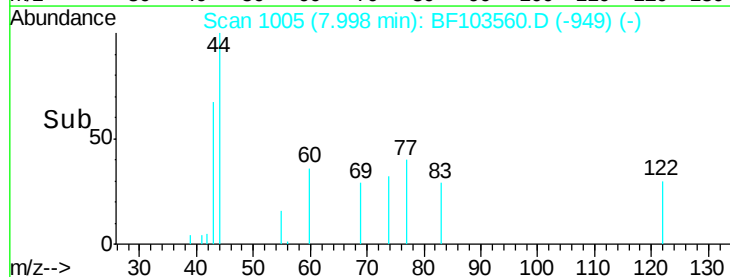
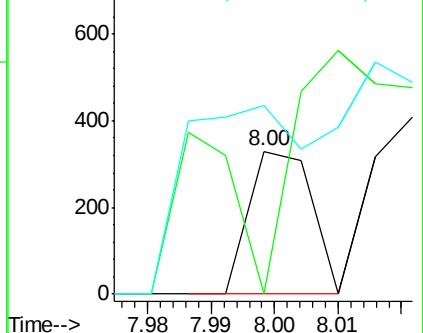
77 132.2 70.7 110.7#

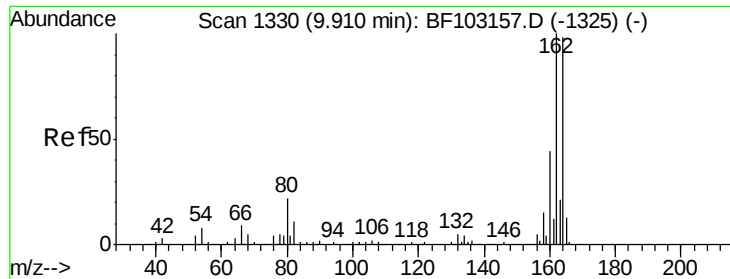


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

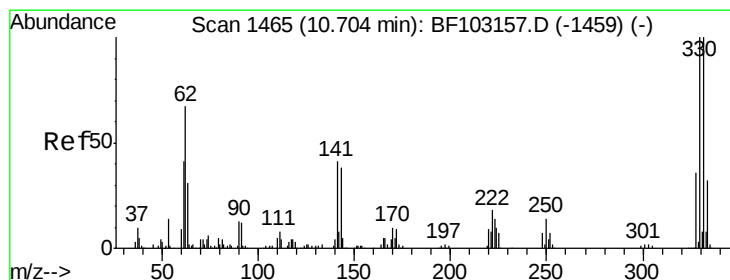
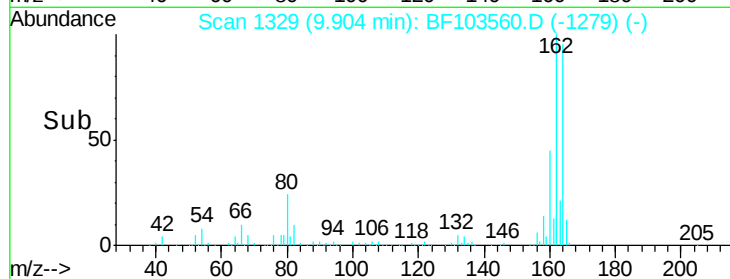
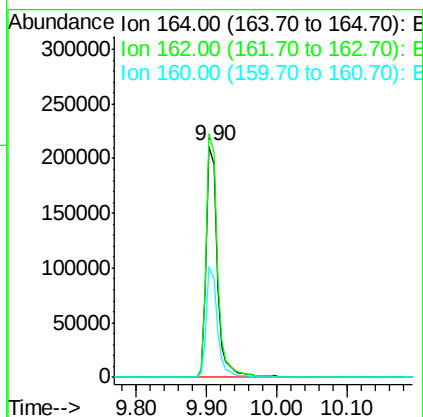
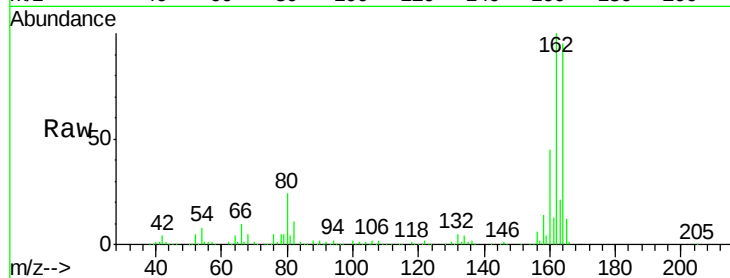




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF103560.D
 Acq: 9 Mar 2018 16:40

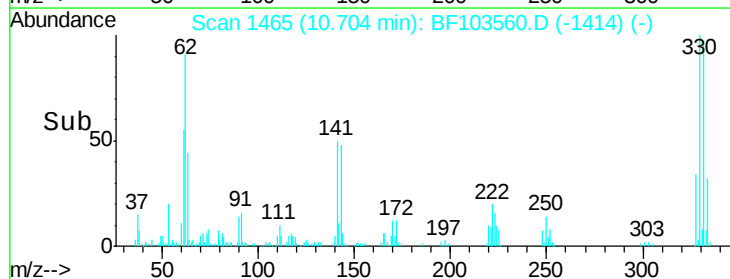
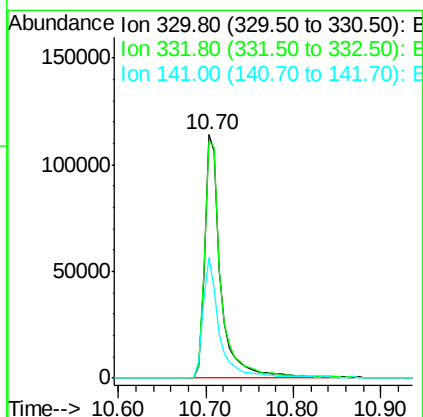
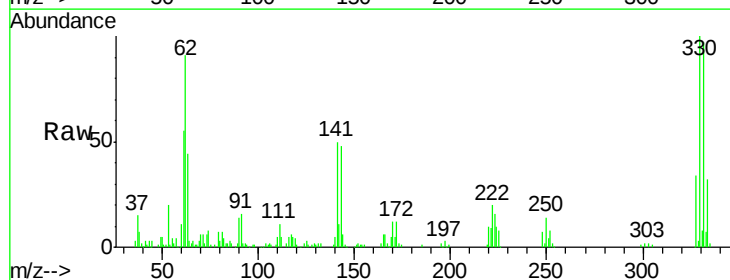
Instrument :
 BNA_F
 ClientSampleID :

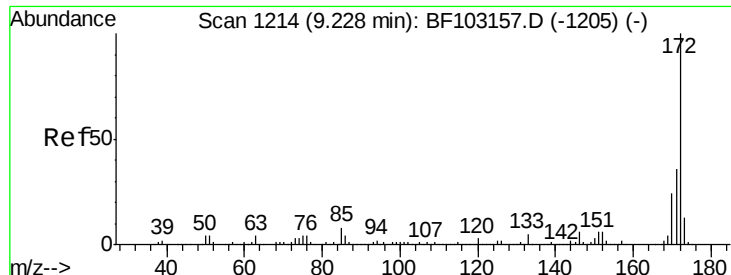
Tot Ion:164 Resp: 233996
 Ion Ratio Lower Upper
 164 100
 162 105.3 86.1 129.1
 160 47.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 73.848 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103560.D
 Acq: 9 Mar 2018 16:40

Tgt Ion:330 Resp: 146266
 Ion Ratio Lower Upper
 330 100
 332 101.5 77.0 115.6
 141 51.0 29.9 44.9#

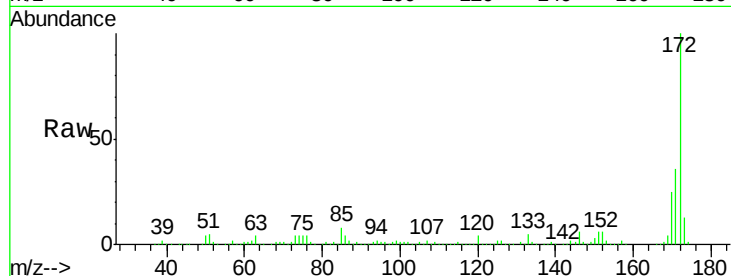




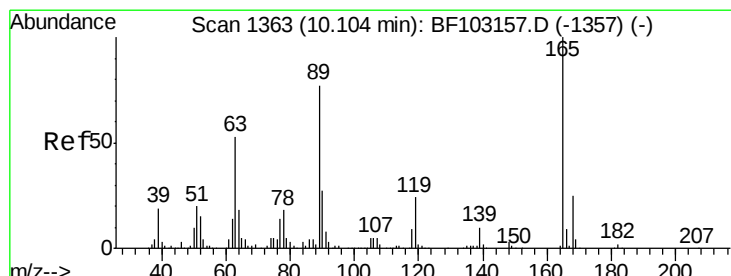
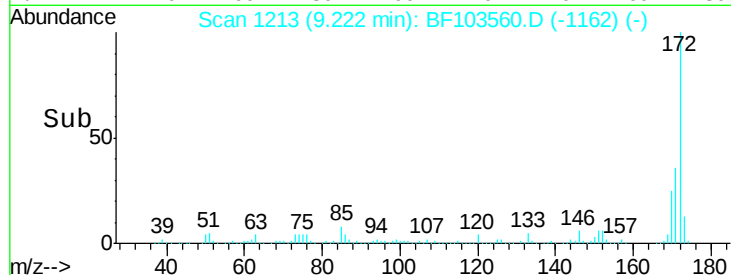
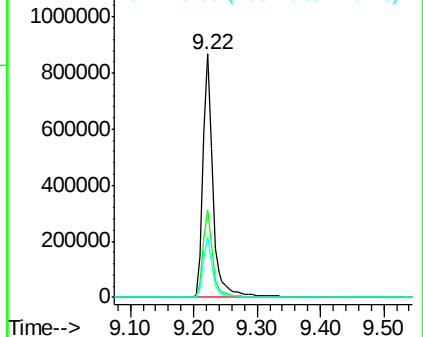
#44
 2-Fluorobiphenyl
 Concen: 66.558 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103560.D
 Acq: 9 Mar 2018 16:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 952774
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.7 19.6 29.4



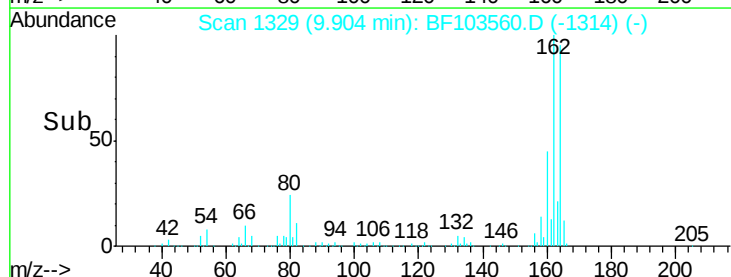
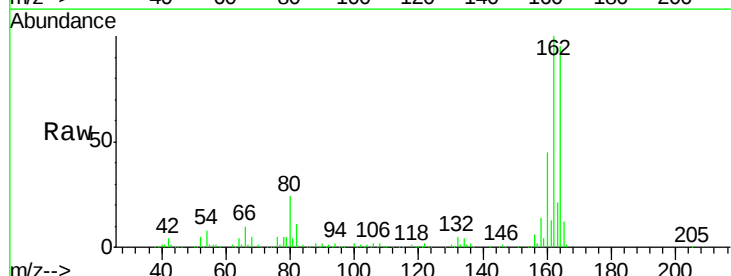
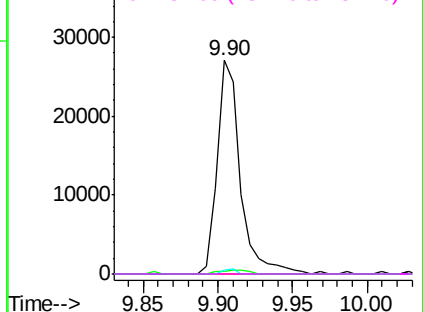
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

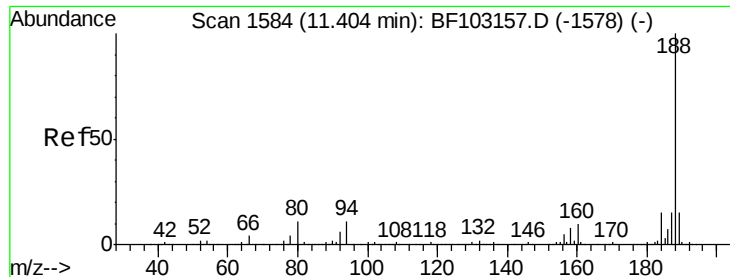


#56
 2,4-Dinitrotoluene
 Concen: 5.931 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF103560.D
 Acq: 9 Mar 2018 16:40

Tgt Ion:165 Resp: 29550
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.4 54.6#
 89 1.7 57.8 86.6#
 182 0.0 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF103560.D

Acq: 9 Mar 2018 16:40

Instrument :

BNA_F

ClientSampleId :

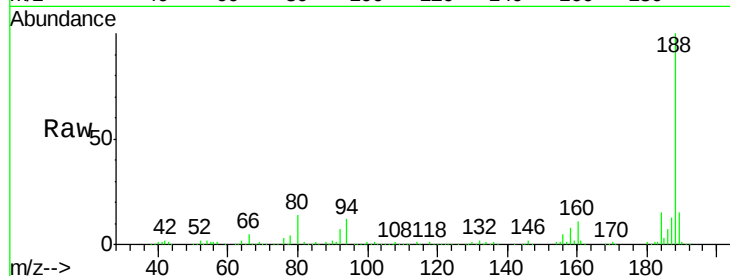
Tot Ion:188 Resp: 330925

Ion Ratio Lower Upper

188 100

94 12.4 8.5 12.7

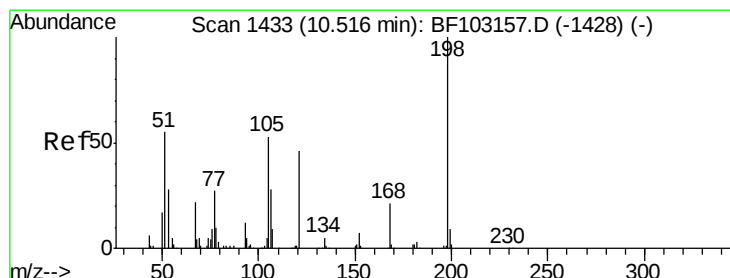
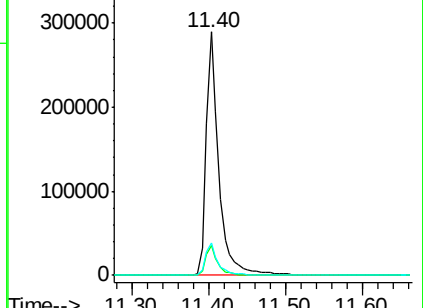
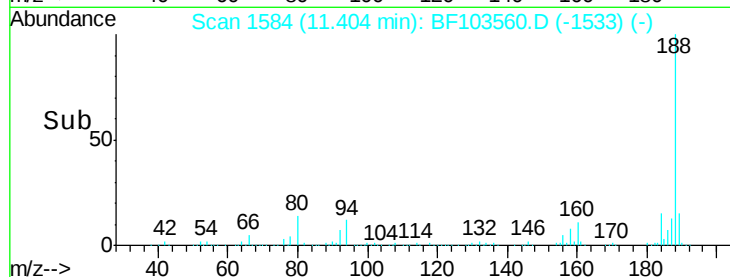
80 13.5 9.2 13.8



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: 5.080 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.18 min

Lab File: BF103560.D

Acq: 9 Mar 2018 16:40

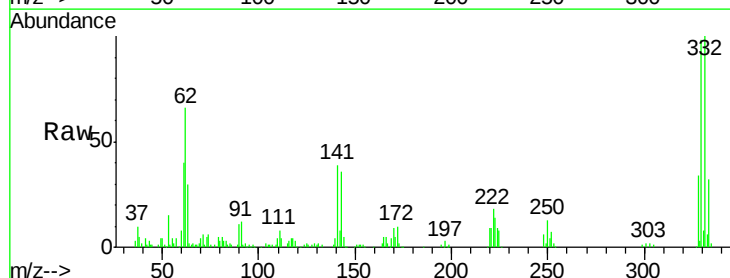
Tgt Ion:198 Resp: 303

Ion Ratio Lower Upper

198 100

51 183.2 37.7 77.7#

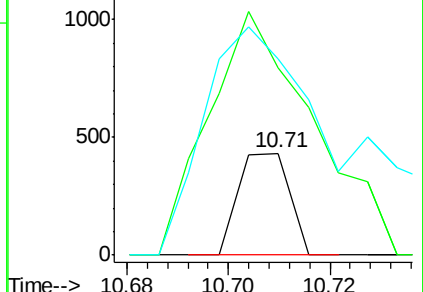
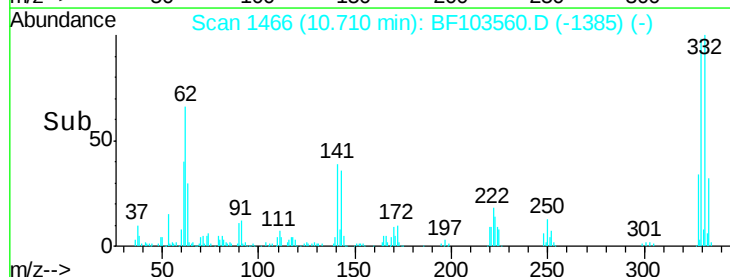
105 192.2 36.3 76.3#

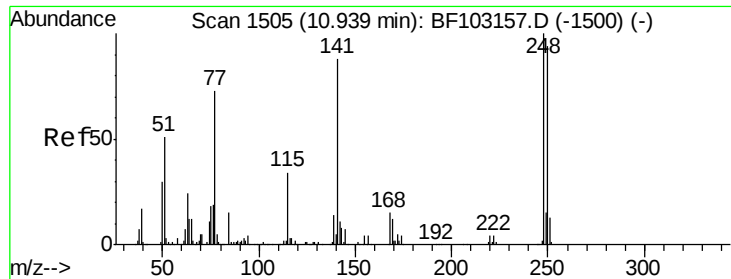


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

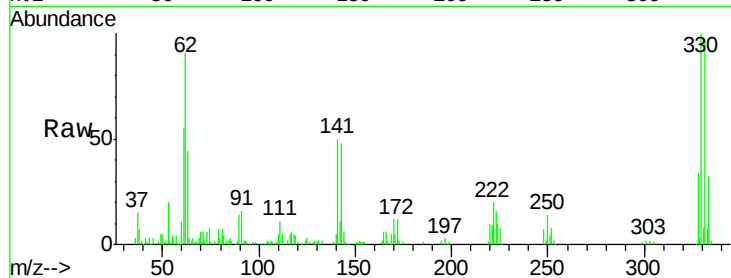




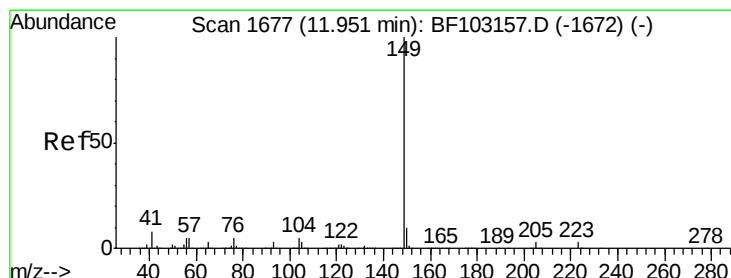
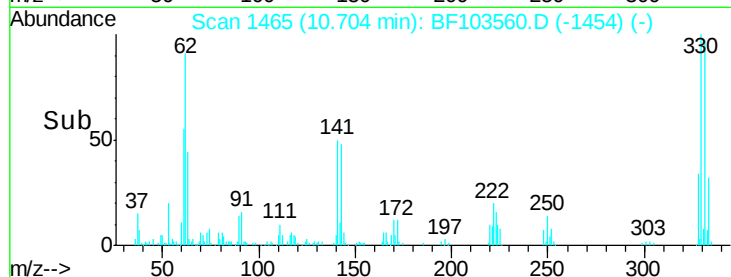
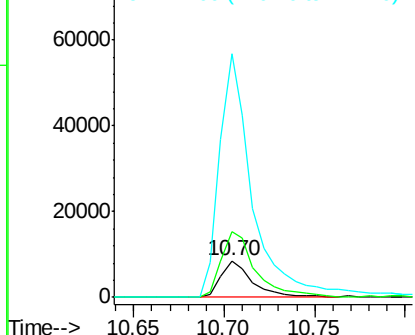
#66
4-Bromophenyl-phenylether
Concen: 2.953 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103560.D
Acq: 9 Mar 2018 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10181
Ion Ratio Lower Upper
248 100
250 140.9 76.9 115.3#
141 517.4 74.4 111.6#

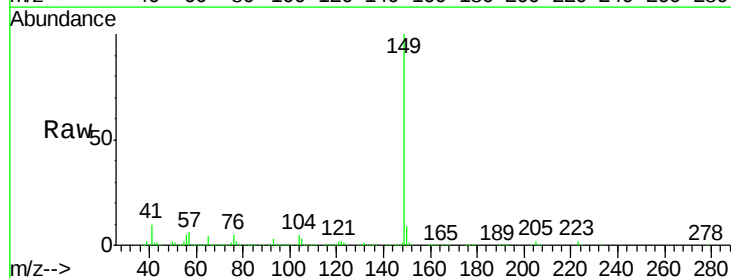


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

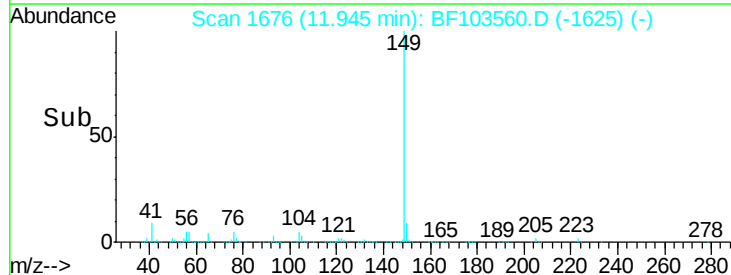
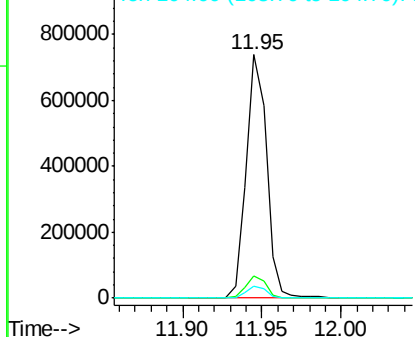


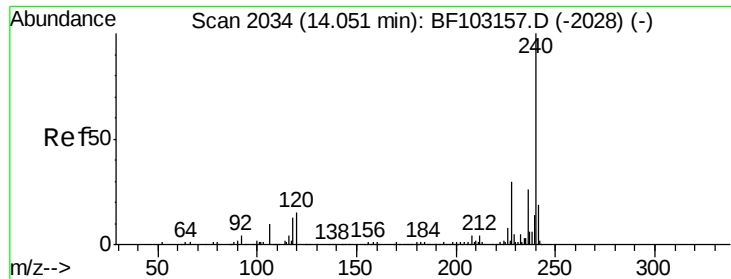
#73
Di-n-butylphthalate
Concen: 28.450 ng
RT: 11.95 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BF103560.D
Acq: 9 Mar 2018 16:40

Tgt Ion:149 Resp: 662055
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 5.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF103560.D

Acq: 9 Mar 2018 16:40

Instrument :

BNA_F

ClientSampled :

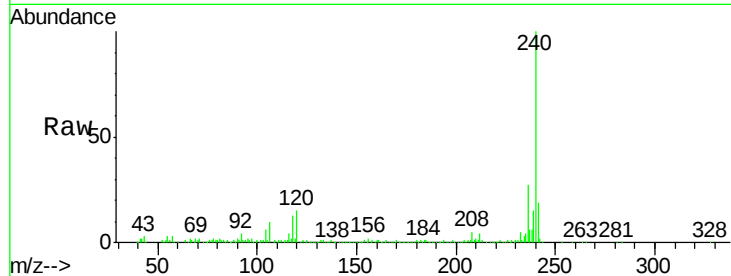
Tot Ion:240 Resp: 242069

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

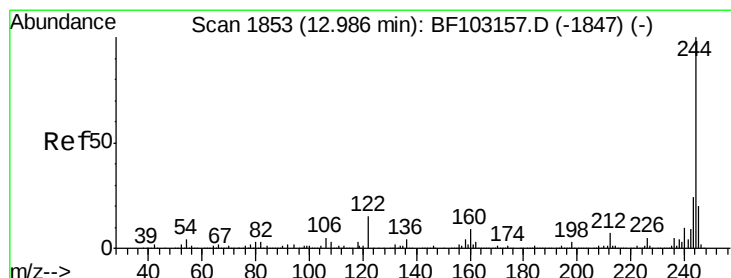
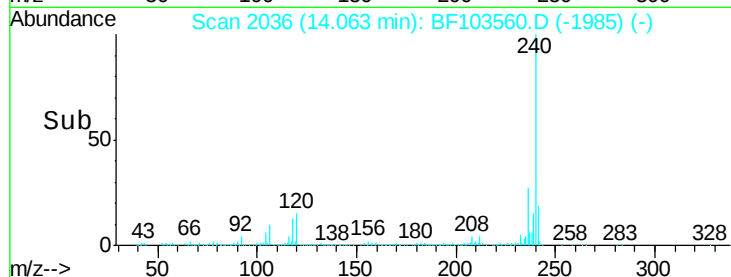
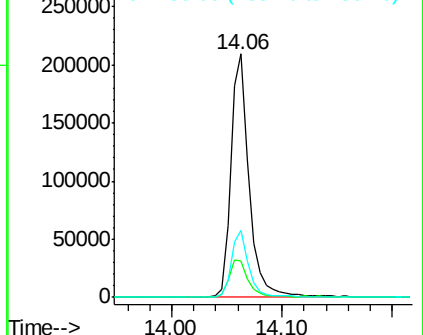
236 27.4 20.7 31.1



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: 55.413 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103560.D

Acq: 9 Mar 2018 16:40

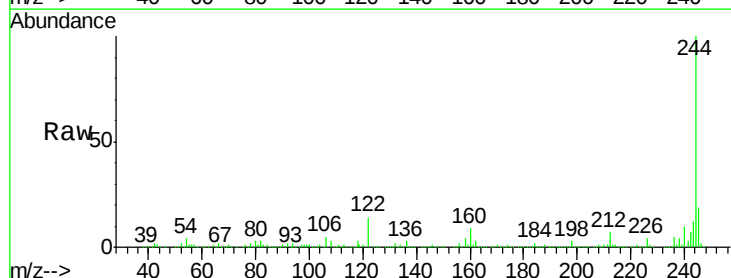
Tgt Ion:244 Resp: 558009

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

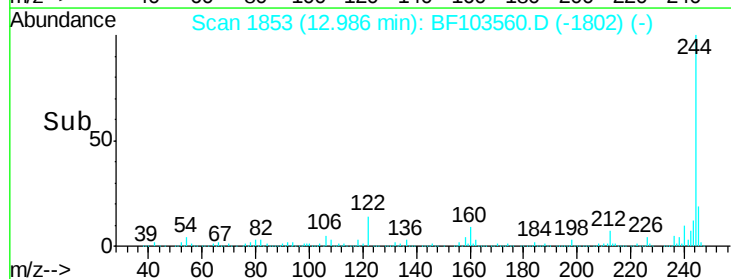
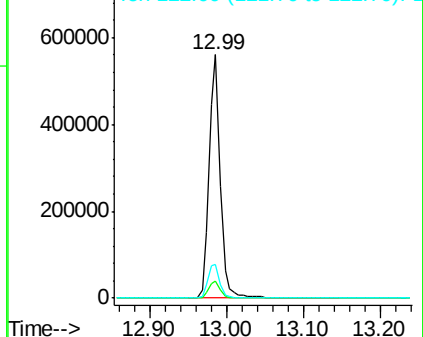
122 13.8 11.0 16.4

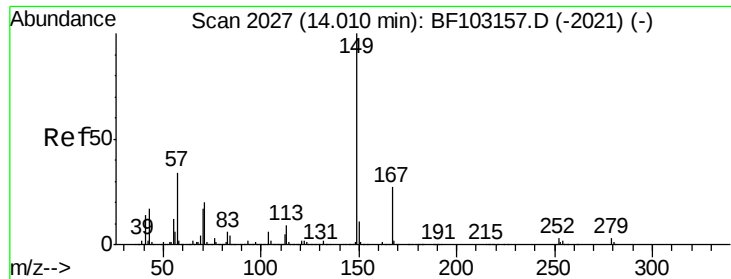


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.028 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF103560.D

Acq: 9 Mar 2018 16:40

Instrument :

BNA_F

ClientSampleId :

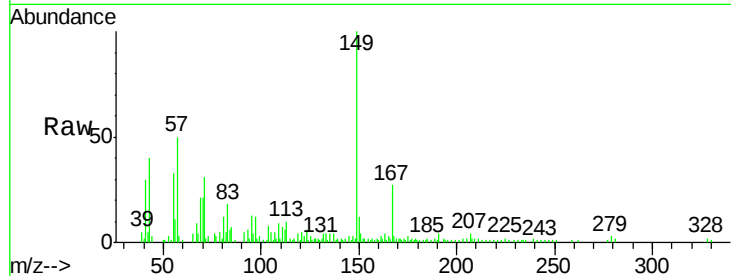
Tot Ion:149 Resp: 27283

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

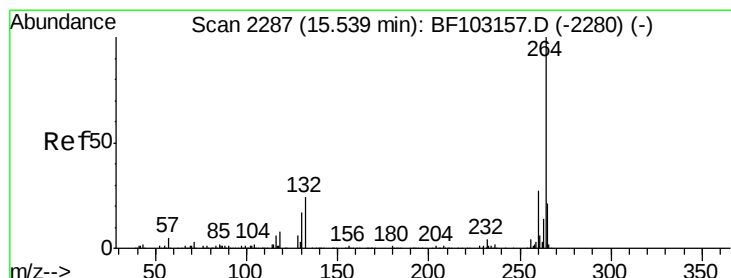
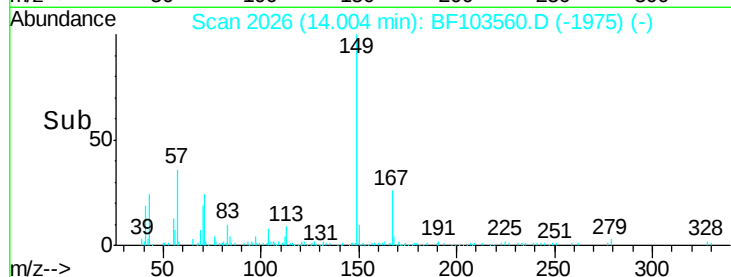
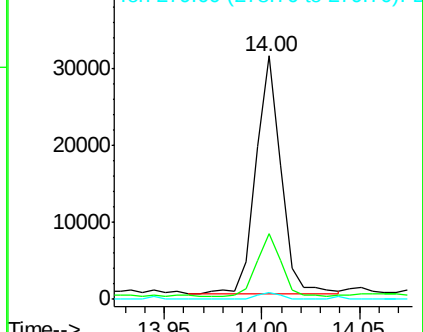
279 2.8 3.0 4.4#



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: 15.57 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BF103560.D

Acq: 9 Mar 2018 16:40

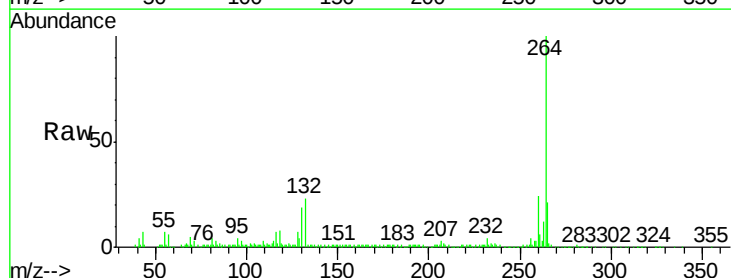
Tgt Ion:264 Resp: 207474

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.5 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

