

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103439.D
 Acq On : 6 Mar 2018 4:50
 Operator : SJ/JU
 Sample : J1761-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:02:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

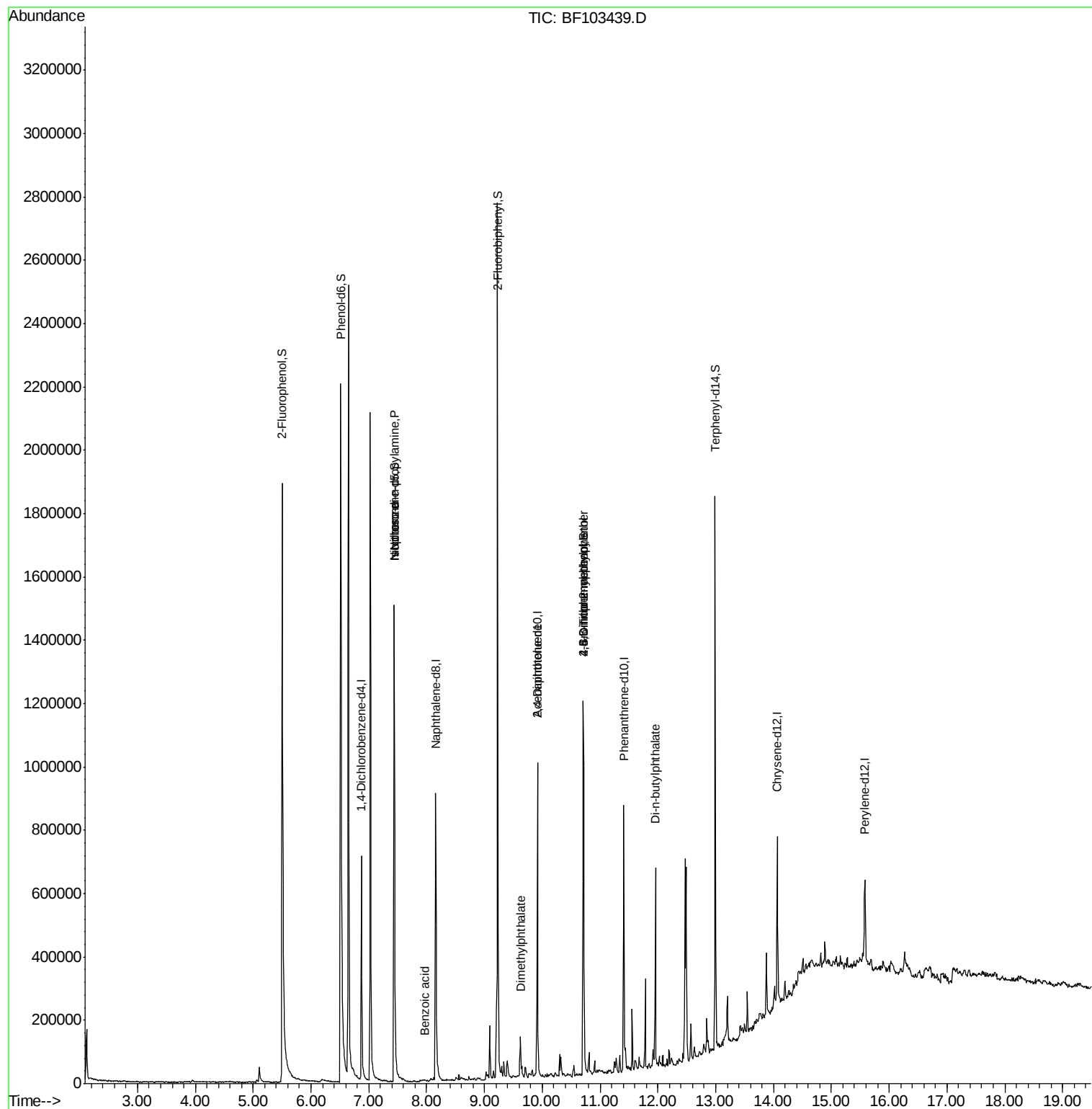
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	125473	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	485561	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	198936	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	300129	20.00	ng	0.00
75) Chrysene-d12	14.07	240	186684	20.00	ng	0.00
86) Perylene-d12	15.58	264	137839	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	815032	98.24	ng	0.00
7) Phenol-d6	6.52	99	1015675	100.05	ng	0.00
23) Nitrobenzene-d5	7.44	82	559969	65.86	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	124065	73.68	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	862193	71.96	ng	0.00
78) Terphenyl-d14	12.99	244	585173	75.35	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	1685	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	73803	11.681	ng	# 1
25) Isophorone	7.44	82	559969	33.440	ng	# 83
32) Benzoic acid	7.98	122	255	6.957	ng	# 64
49) Dimethylphthalate	9.62	163	46309	2.902	ng	# 77
56) 2,4-Dinitrotoluene	9.92	165	25905	6.116	ng	# 100
64) 4,6-Dinitro-2-methylphenol	10.71	198	123	5.006	ng	# 24
66) 4-Bromophenyl-phenylether	10.71	248	8777	2.807	ng	# 1
73) Di-n-butylphthalate	11.96	149	320436	15.183	ng	# 98

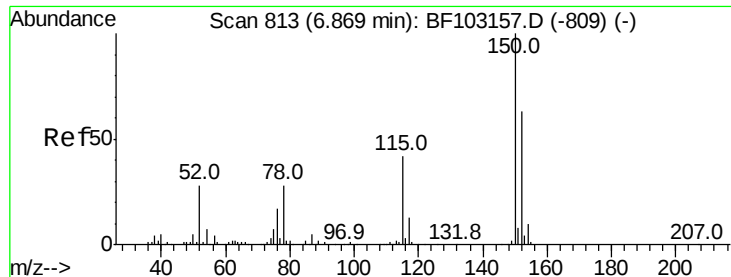
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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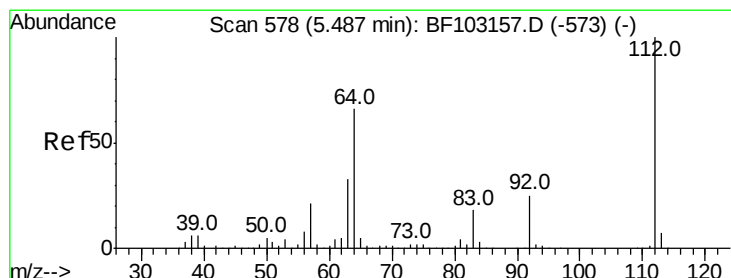
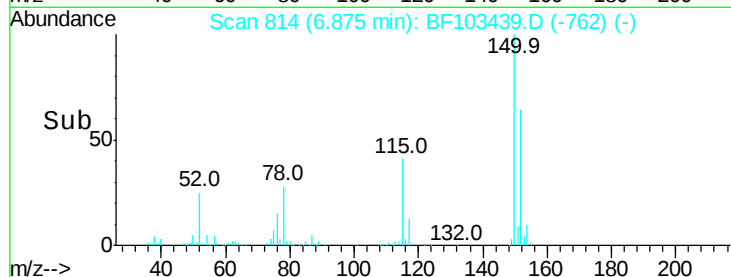
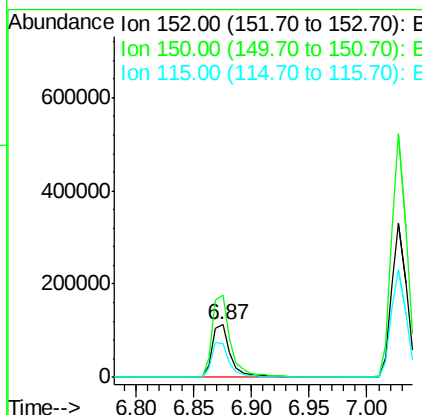
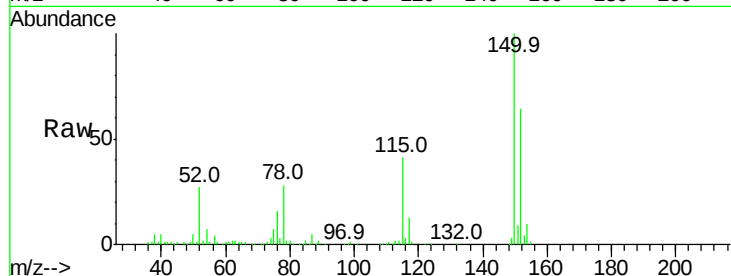


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103439.D
Acq: 6 Mar 2018 4:50

Instrument :
BNA_F
ClientSampleId :

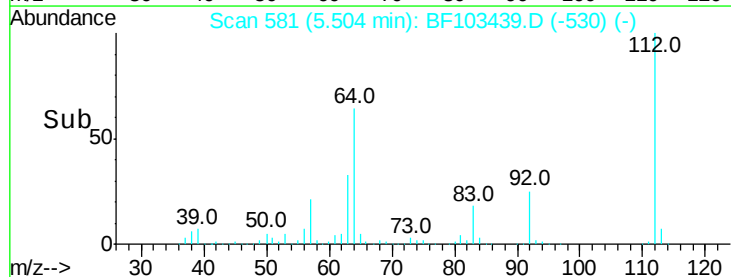
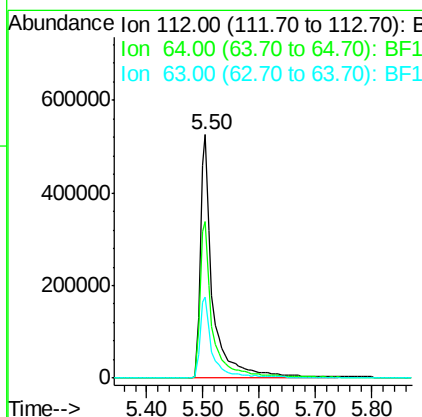
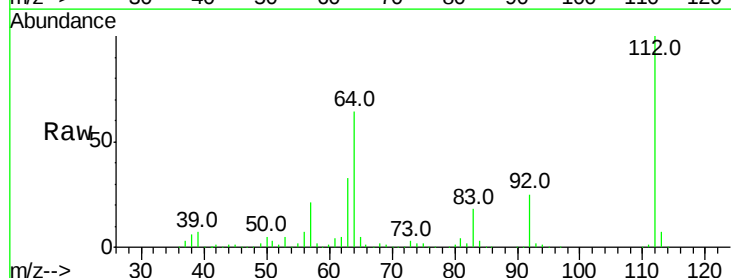
Tot Ion:152 Resp: 125473
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 65.0 50.1 75.1

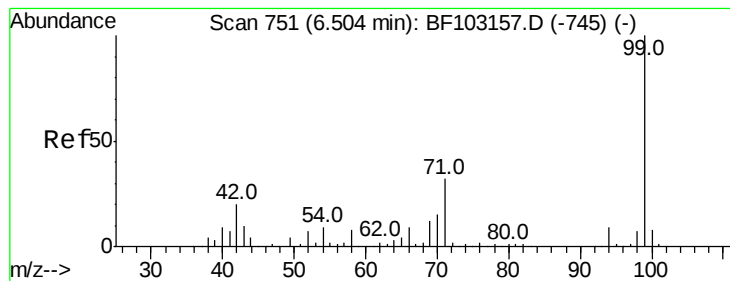


#5

2-Fluorophenol
Concen: 98.242 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103439.D
Acq: 6 Mar 2018 4:50

Tgt Ion:112 Resp: 815032
Ion Ratio Lower Upper
112 100
64 64.3 47.9 71.9
63 33.2 23.7 35.5





#7

Phenol-d6

Concen: 100.051 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103439.D

Acq: 6 Mar 2018 4:50

Instrument :

BNA_F

ClientSampleId :

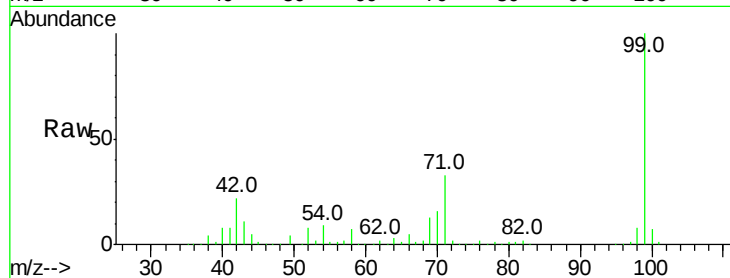
Tot Ion: 99 Resp: 1015675

Ion Ratio Lower Upper

99 100

42 21.7 14.5 21.7

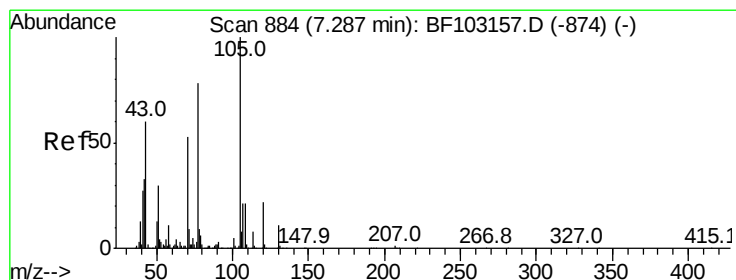
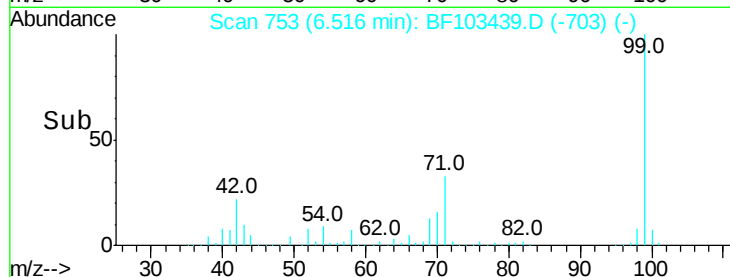
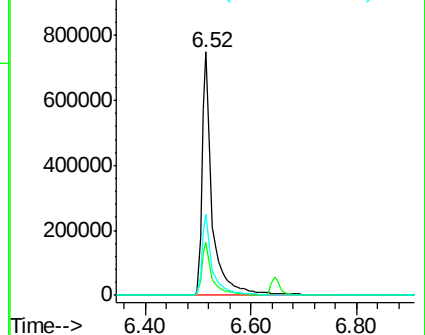
71 33.4 25.4 38.0



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: 11.681 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.16 min

Lab File: BF103439.D

Acq: 6 Mar 2018 4:50

Tgt Ion: 70 Resp: 73803

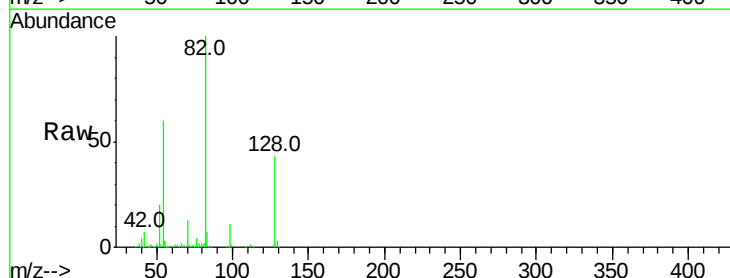
Ion Ratio Lower Upper

70 100

42 53.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

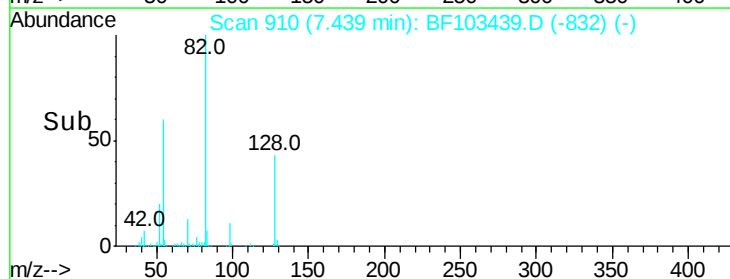
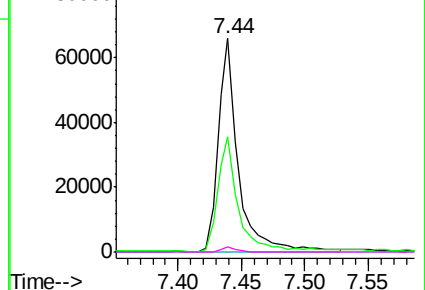


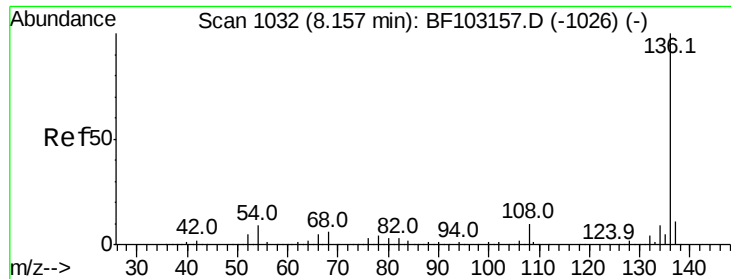
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

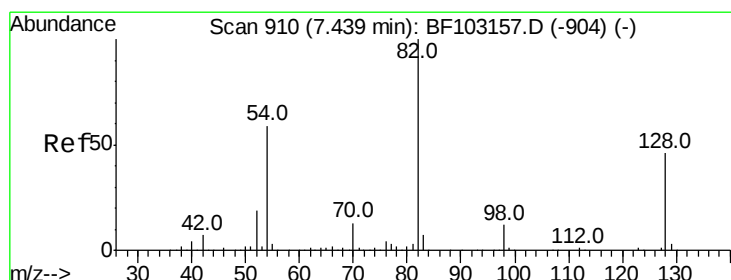
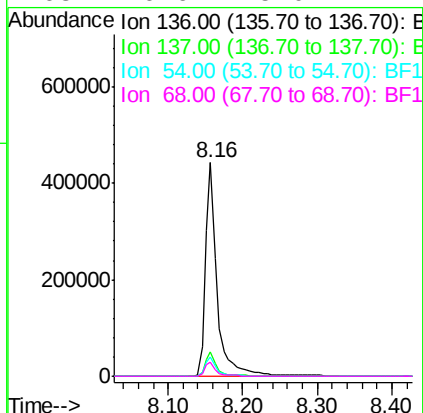
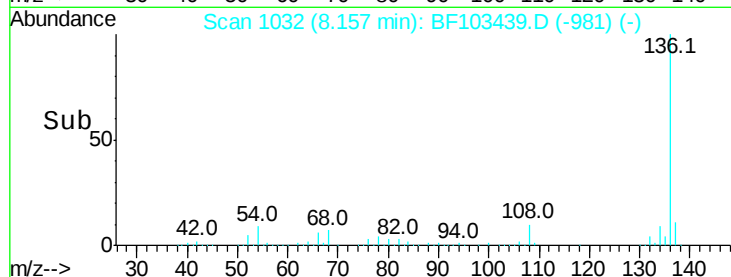
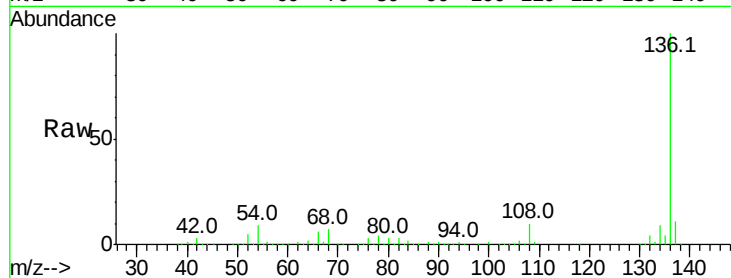




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103439.D
Acq: 6 Mar 2018 4:50

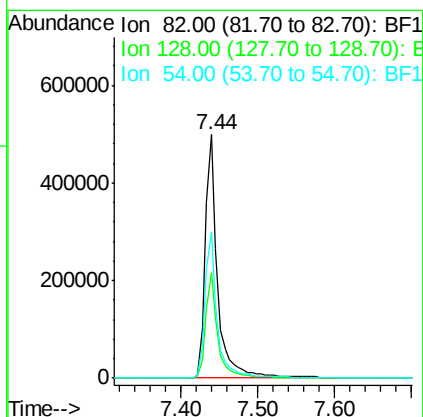
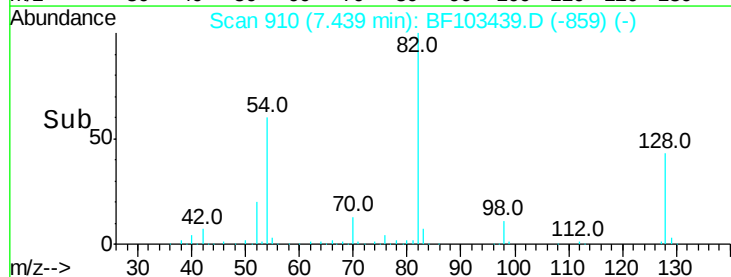
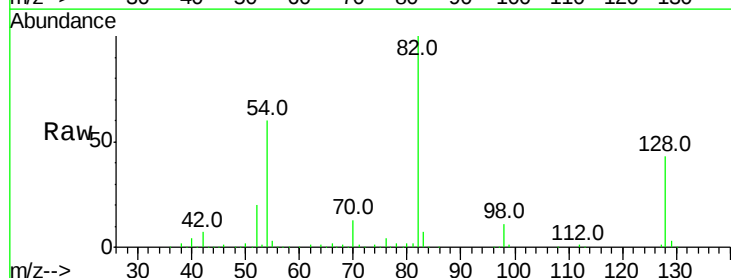
Instrument :
BNA_F
ClientSampleId :

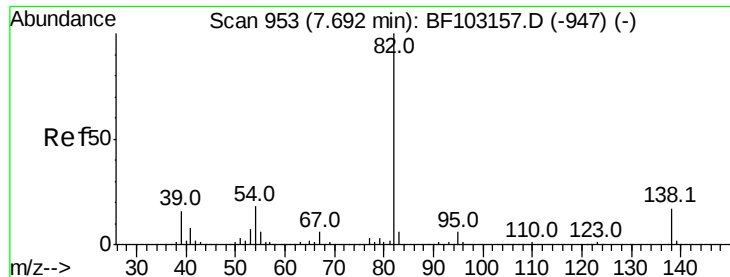
Tot Ion:	136	Resp:	485561
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.1	6.6	9.8
68	6.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 65.860 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103439.D
Acq: 6 Mar 2018 4:50

Tgt Ion:	82	Resp:	559969
Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	60.1	41.4	62.2





#25

Isophorone

Concen: 33.440 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.25 min

Lab File: BF103439.D

Acq: 6 Mar 2018 4:50

Instrument :

BNA_F

ClientSampleId :

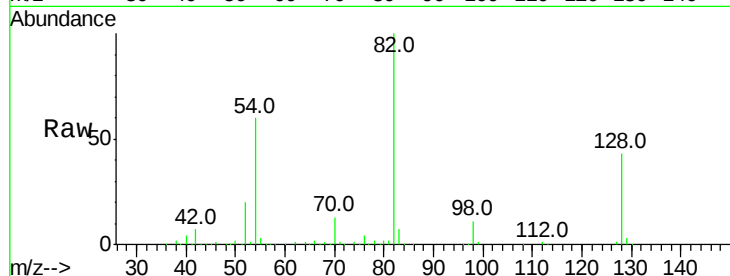
Tot Ion: 82 Resp: 559969

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

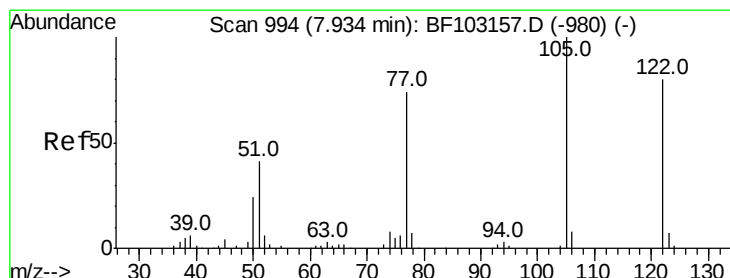
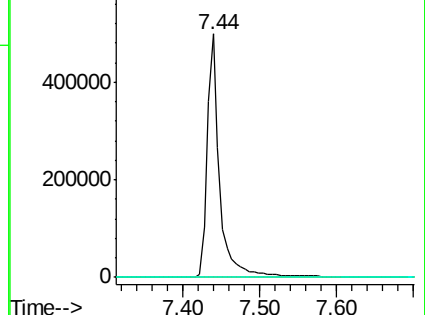
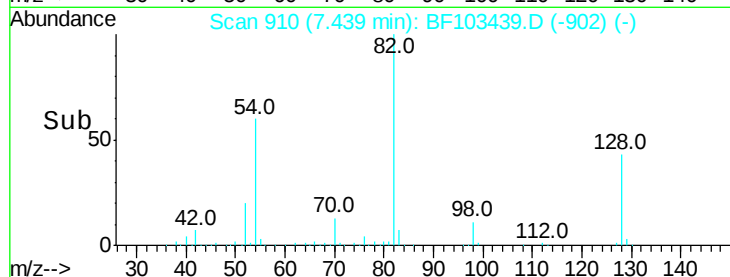
138 0.0 14.9 22.3#



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: 6.957 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.02 min

Lab File: BF103439.D

Acq: 6 Mar 2018 4:50

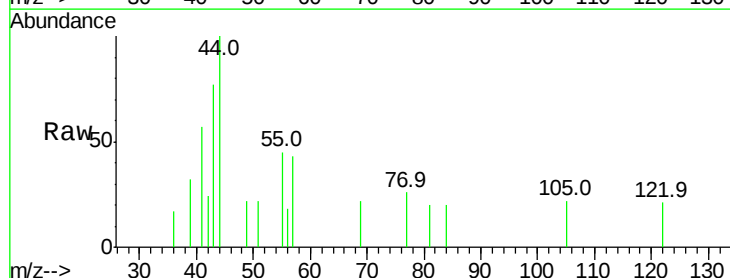
Tgt Ion:122 Resp: 255

Ion Ratio Lower Upper

122 100

105 108.9 101.1 141.1

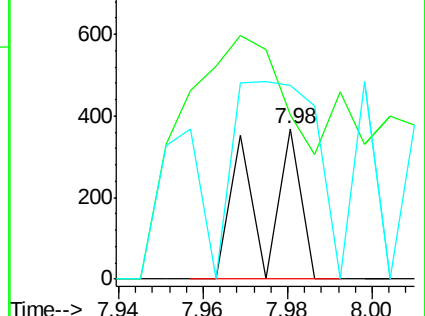
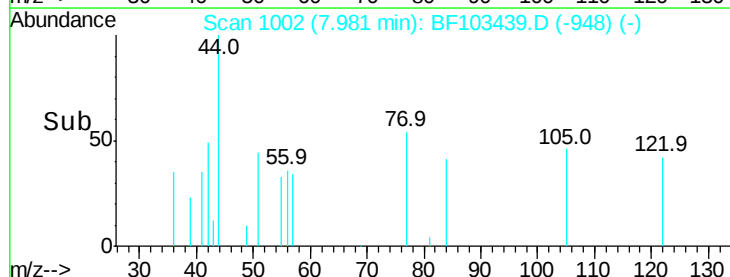
77 128.5 70.7 110.7#

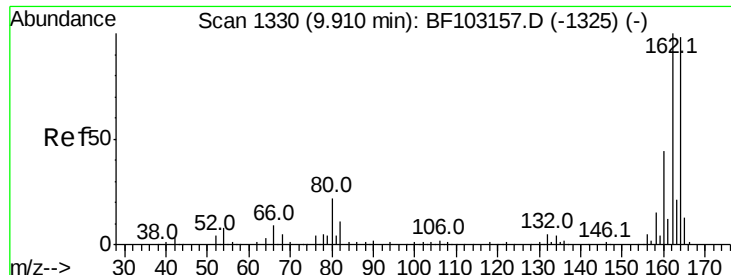


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

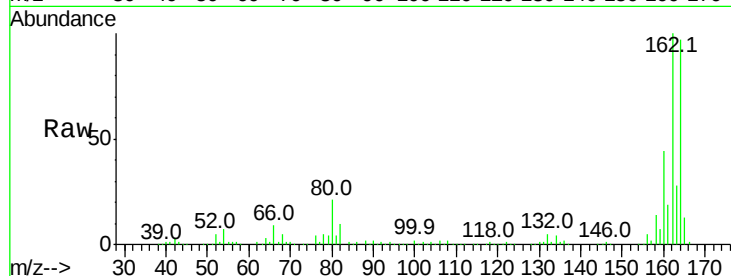




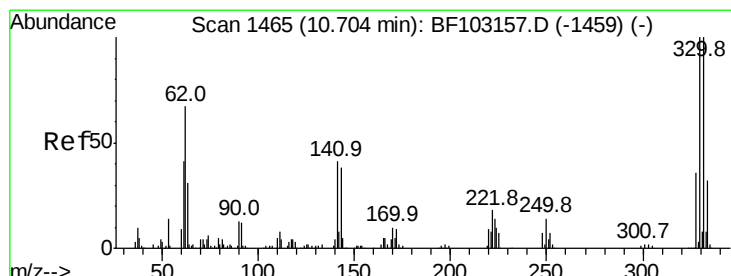
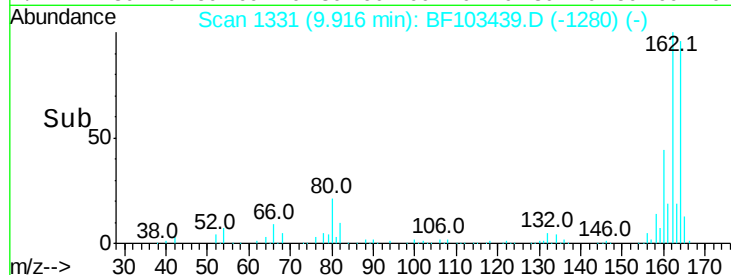
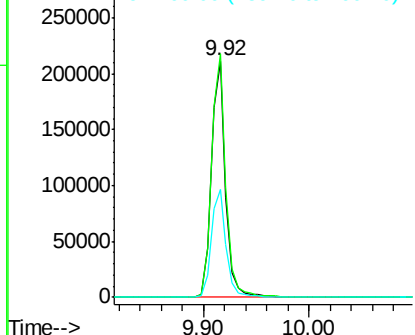
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103439.D
Acq: 6 Mar 2018 4:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 198936
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 45.7 38.3 57.5

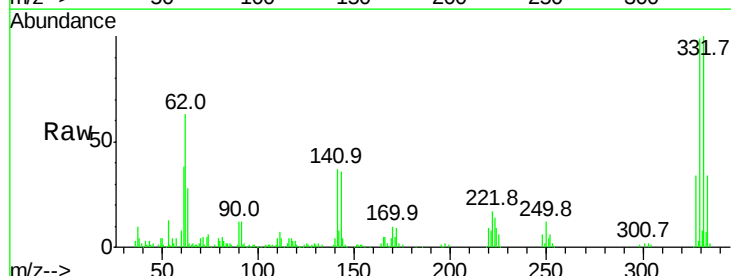


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

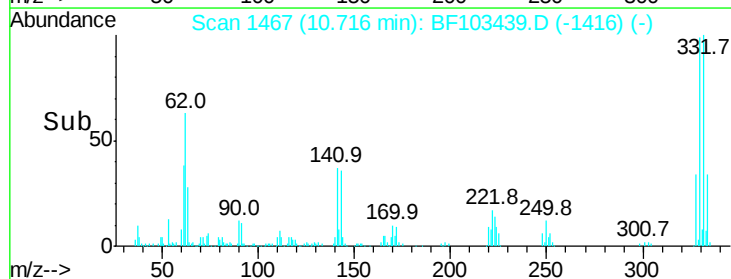
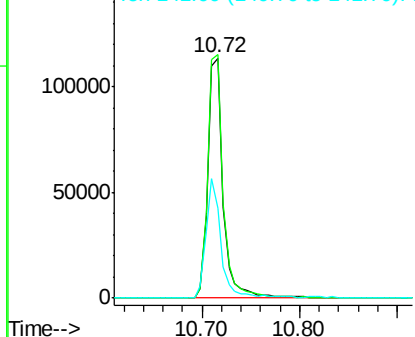


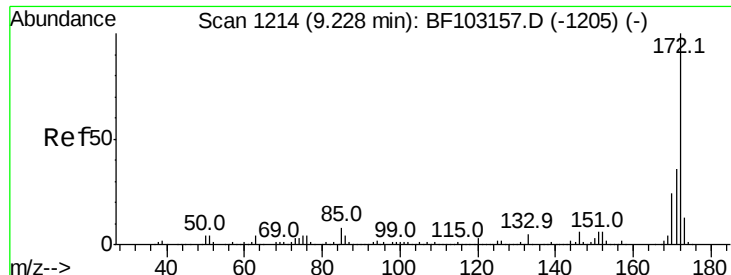
#41
2,4,6-Tribromophenol
Concen: 73.678 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF103439.D
Acq: 6 Mar 2018 4:50

Tgt Ion:330 Resp: 124065
Ion Ratio Lower Upper
330 100
332 102.5 77.0 115.6
141 49.0 29.9 44.9#



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

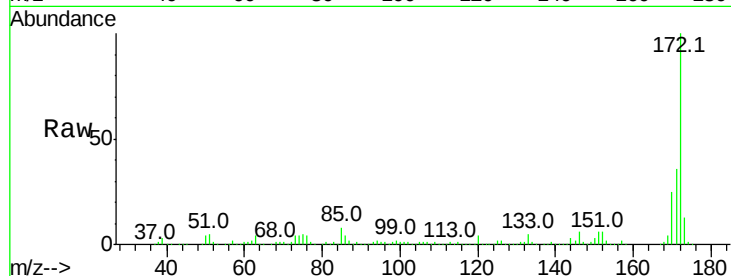




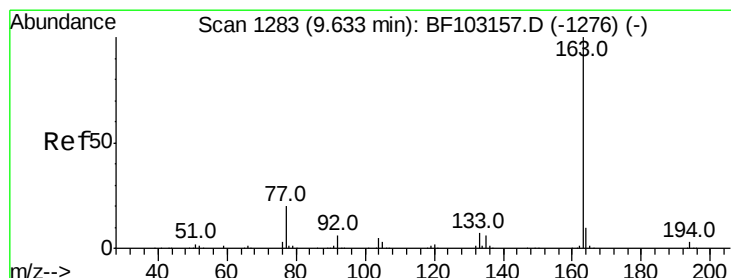
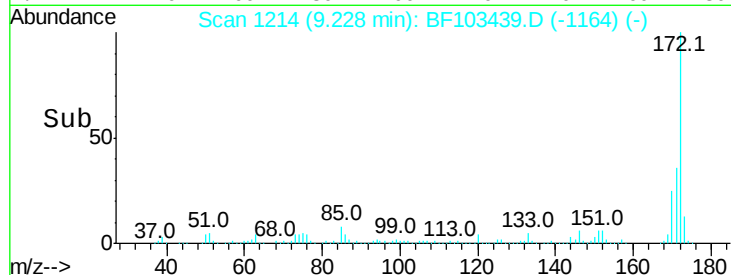
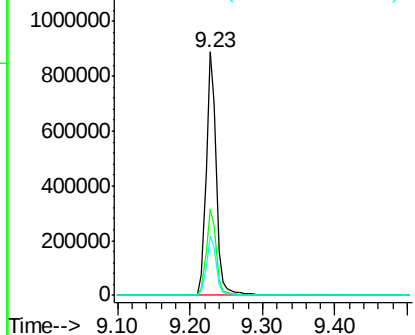
#44
2-Fluorobiphenyl
Concen: 71.956 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103439.D
Acq: 6 Mar 2018 4:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 862193
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 24.6 19.6 29.4

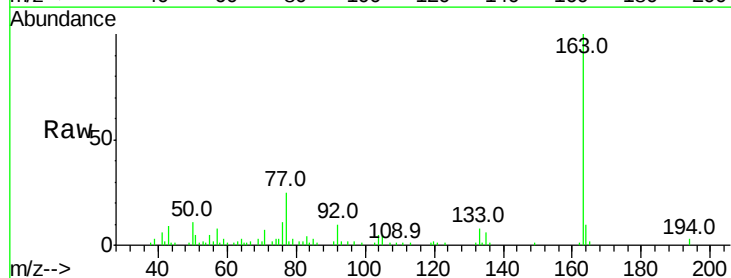


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

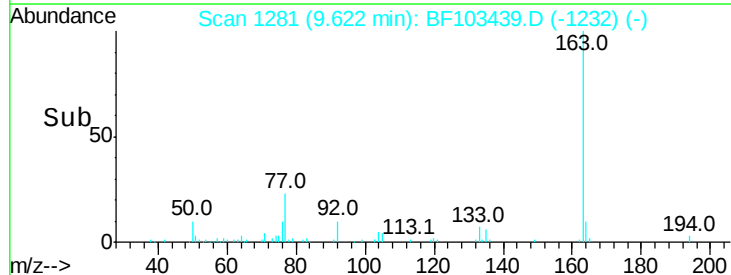
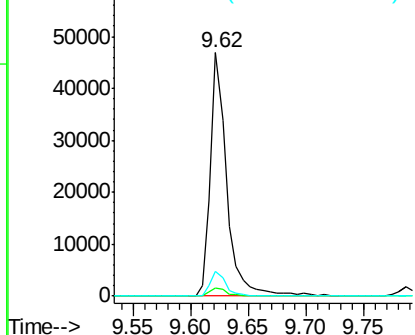


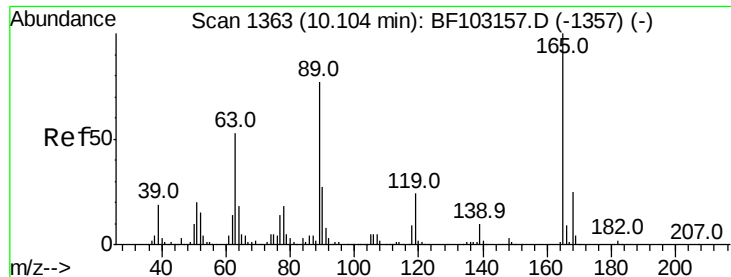
#49
Dimethylphthalate
Concen: 2.902 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103439.D
Acq: 6 Mar 2018 4:50

Tgt Ion:163 Resp: 46309
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.4 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

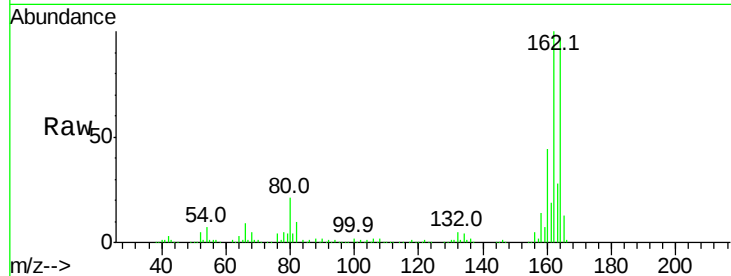




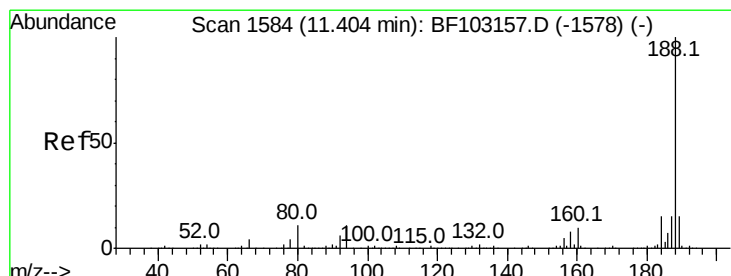
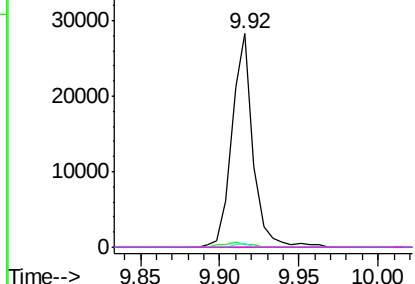
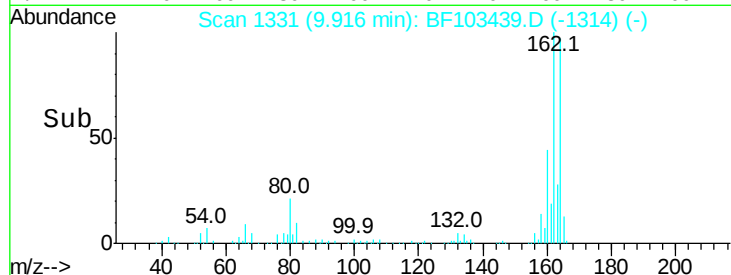
#56
 2,4-Dinitrotoluene
 Concen: 6.116 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.20 min
 Lab File: BF103439.D
 Acq: 6 Mar 2018 4:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 25905
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.9 57.8 86.6#
 182 0.0 1.6 2.4#

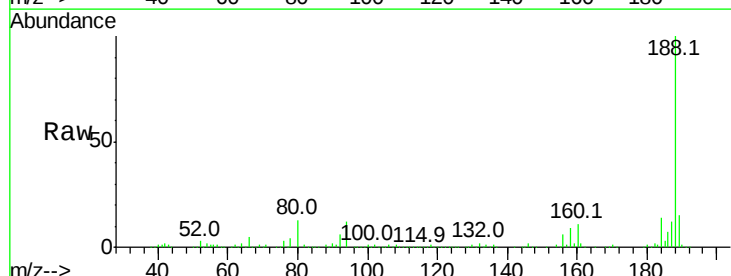


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

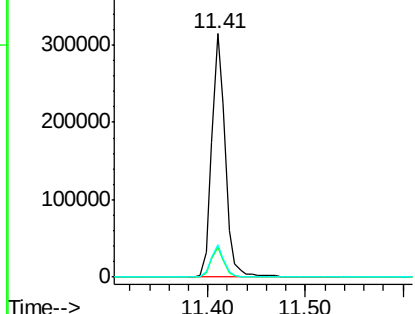
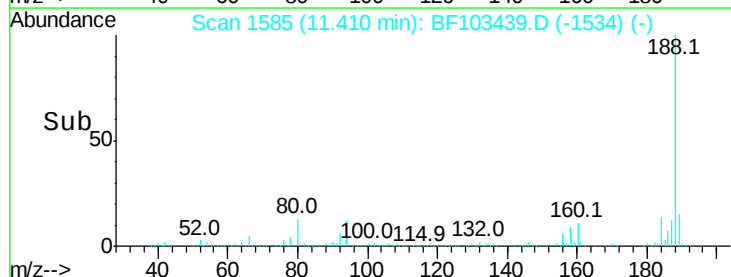


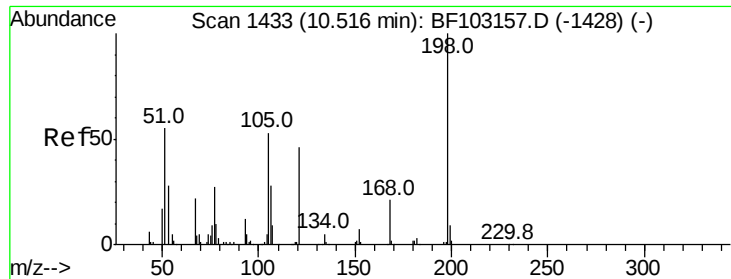
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF103439.D
 Acq: 6 Mar 2018 4:50

Tgt Ion:188 Resp: 300129
 Ion Ratio Lower Upper
 188 100
 94 12.4 8.5 12.7
 80 13.2 9.2 13.8



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

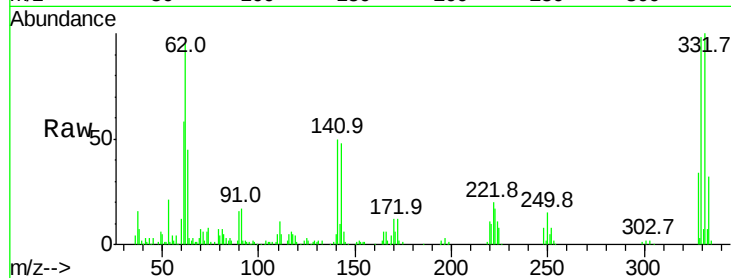




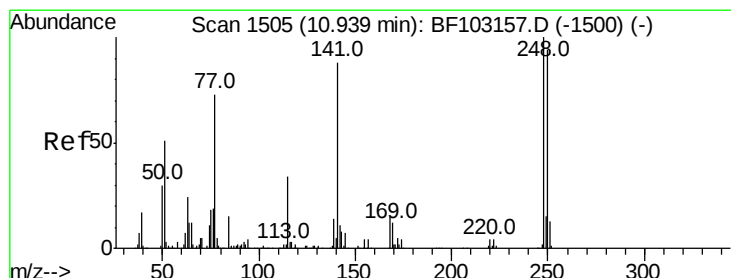
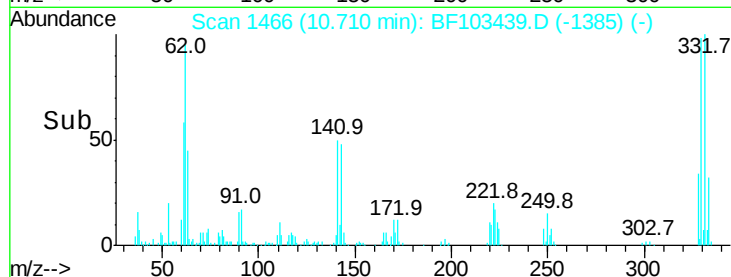
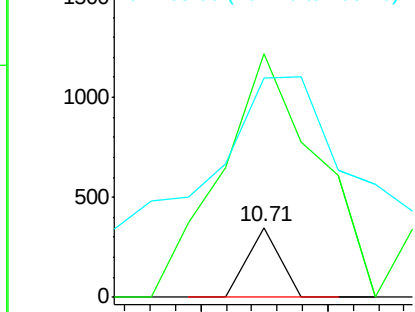
#64
4,6-Dinitro-2-methylphenol
Concen: 5.006 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.18 min
Lab File: BF103439.D
Acq: 6 Mar 2018 4:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 123
Ion Ratio Lower Upper
198 100
51 347.7 37.7 77.7#
105 313.4 36.3 76.3#

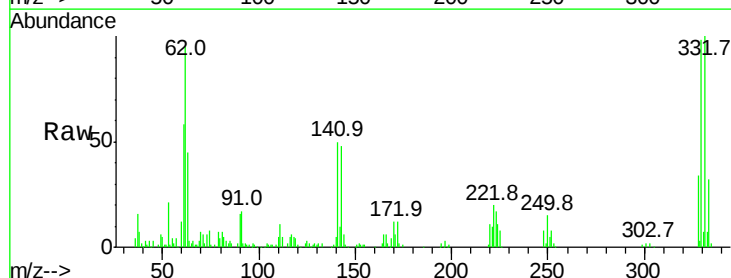


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

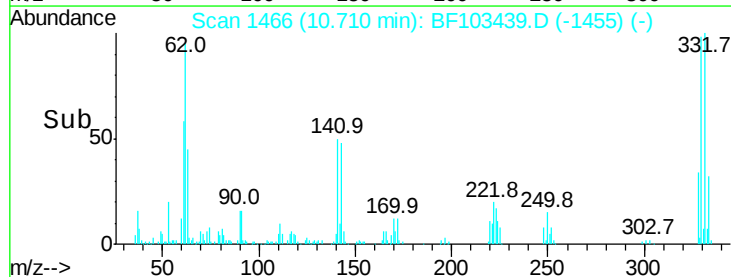
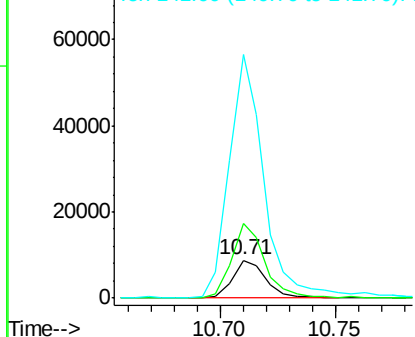


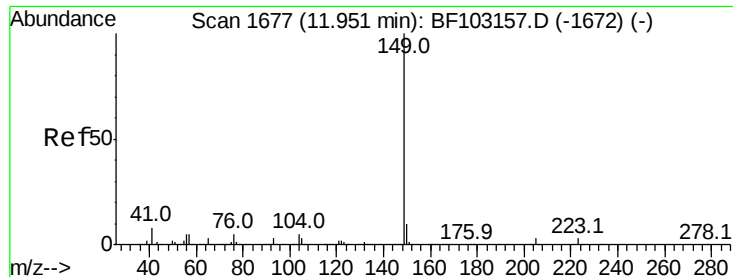
#66
4-Bromophenyl-phenylether
Concen: 2.807 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103439.D
Acq: 6 Mar 2018 4:50

Tgt Ion:248 Resp: 8777
Ion Ratio Lower Upper
248 100
250 197.2 76.9 115.3#
141 645.0 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: 15.183 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BF103439.D

Acq: 6 Mar 2018 4:50

Instrument :

BNA_F

ClientSampleId :

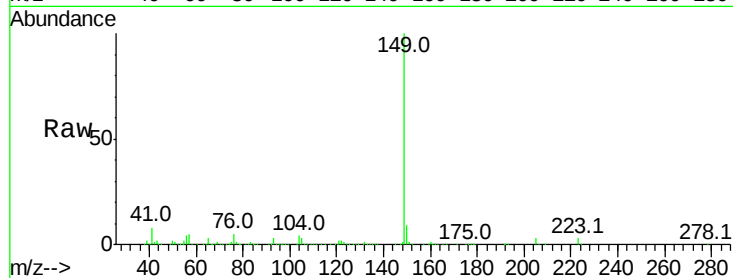
Tot Ion:149 Resp: 320436

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

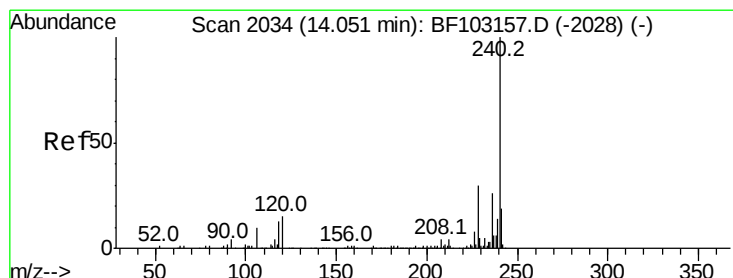
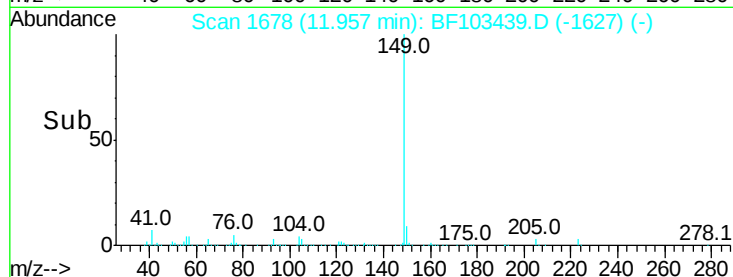
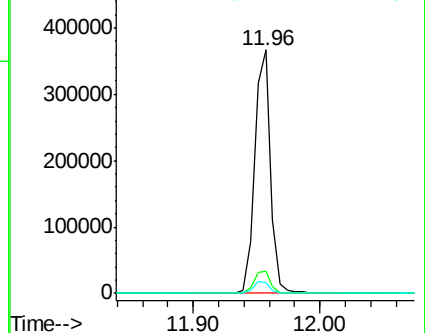
104 4.4 3.8 5.8



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: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF103439.D

Acq: 6 Mar 2018 4:50

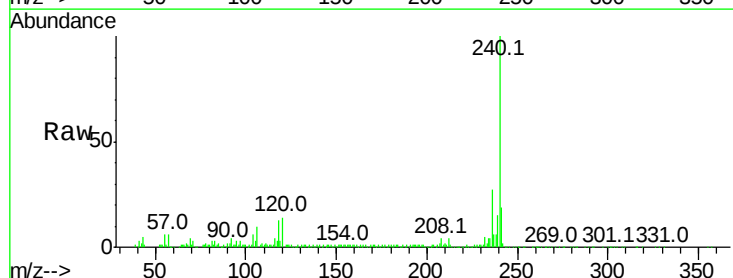
Tgt Ion:240 Resp: 186684

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

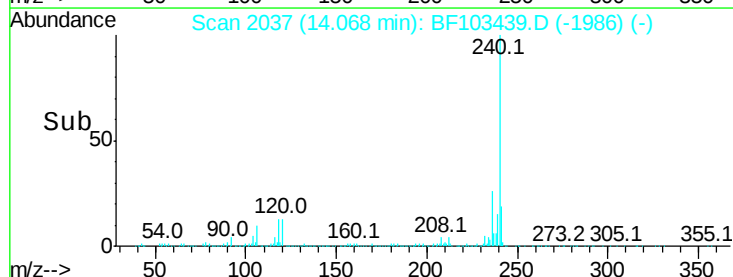
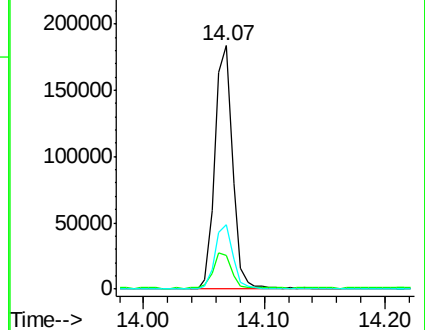
236 26.6 20.7 31.1

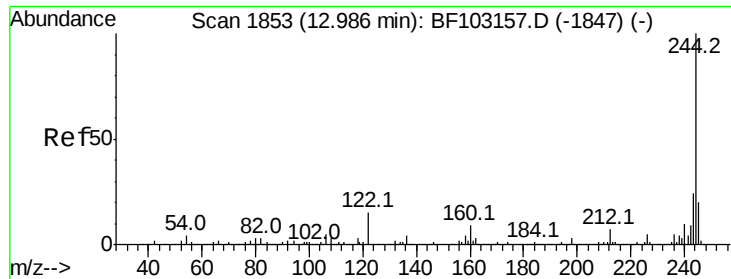


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.351 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103439.D

Acq: 6 Mar 2018 4:50

Instrument :

BNA_F

ClientSampleId :

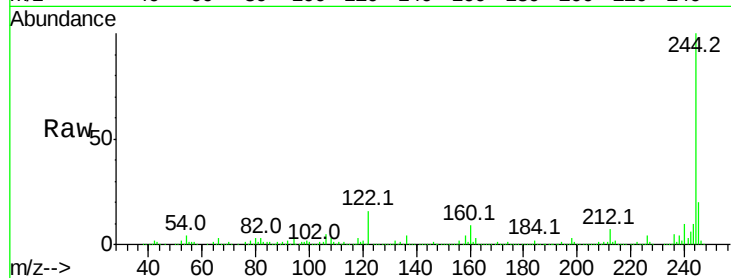
Tot Ion:244 Resp: 585173

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

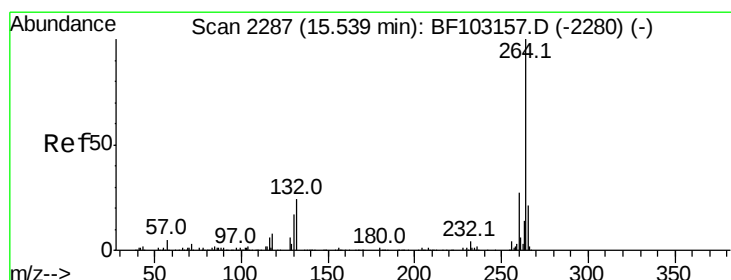
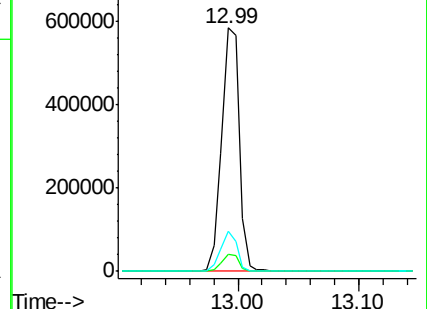
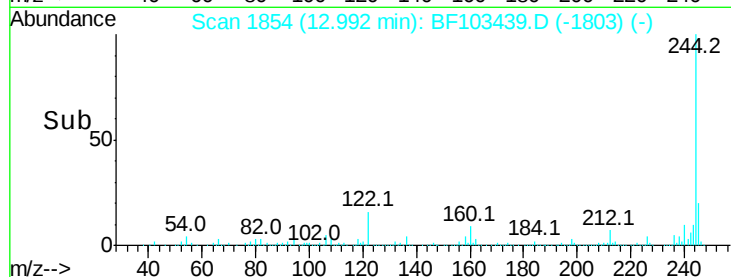
122 16.3 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.01 min

Lab File: BF103439.D

Acq: 6 Mar 2018 4:50

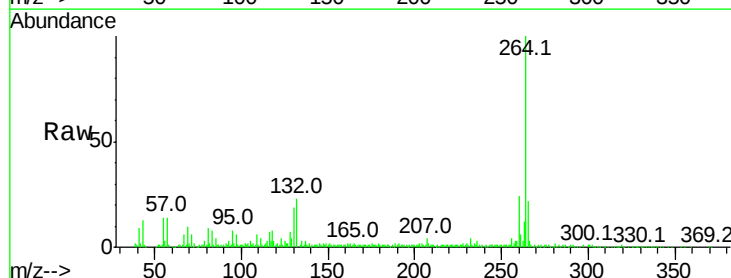
Tgt Ion:264 Resp: 137839

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.6 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

