

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
 Data File : BF102039.D
 Acq On : 12 Jan 2018 00:34
 Operator : SJ/JU
 Sample : J1082-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-07

Quant Time: Jan 12 02:20:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

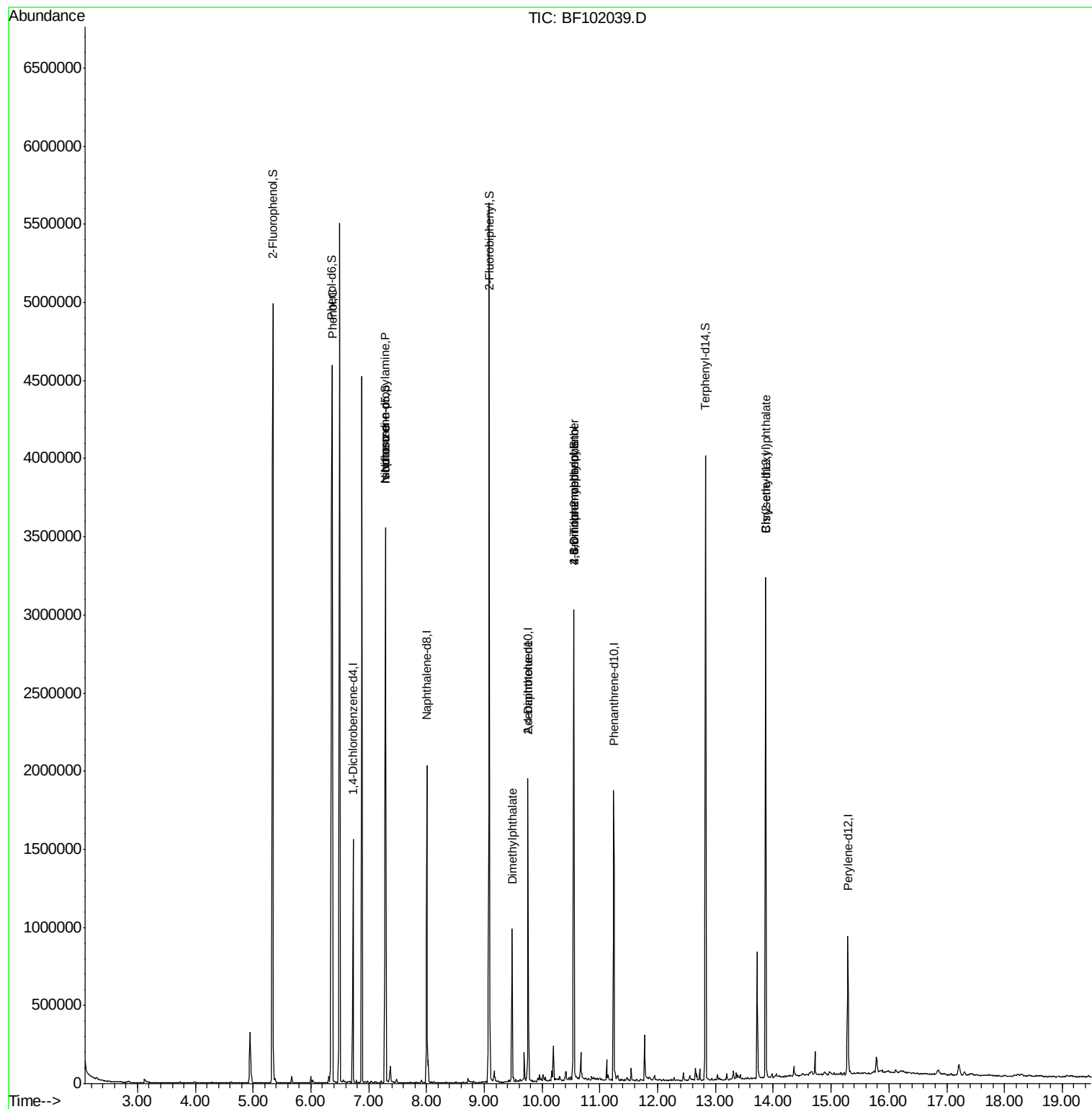
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	223033	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	893006	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	383419	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	606808	20.00	ng	0.00
75) Chrysene-d12	13.87	240	335937	20.00	ng	0.00
86) Perylene-d12	15.29	264	386942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1754797	111.10	ng	0.01
7) Phenol-d6	6.36	99	2089312	110.87	ng	0.00
23) Nitrobenzene-d5	7.29	82	1348984	88.77	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	393380	117.57	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2095247	85.37	ng	0.00
78) Terphenyl-d14	12.83	244	1543419	95.39	ng	0.00
Target Compounds						
10) Phenol	6.37	94	97071	4.558	ng	100
19) n-Nitroso-di-n-propylamine	7.29	70	179400	14.527	ng	# 81
25) Isophorone	7.29	82	1348968	44.925	ng	# 64
49) Dimethylphthalate	9.48	163	346254	11.257	ng	99
56) 2,4-Dinitrotoluene	9.76	165	47731	6.198	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	832	5.885	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	25961	4.051	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.87	149	670661	42.900	ng	99

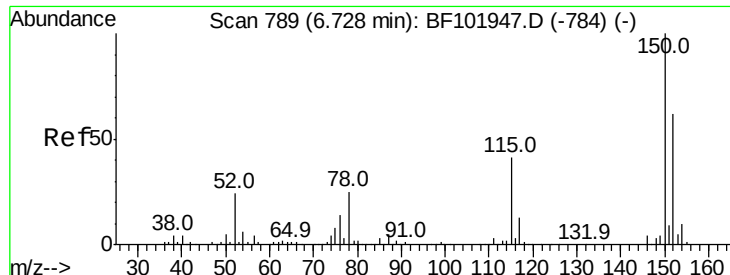
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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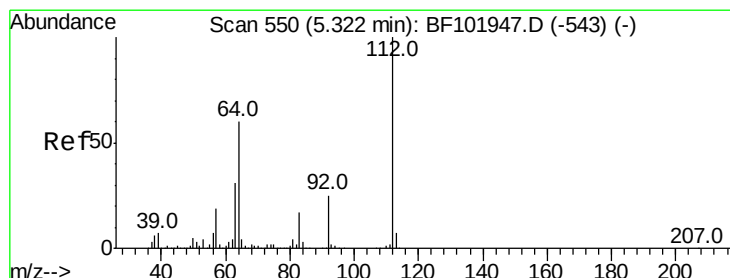
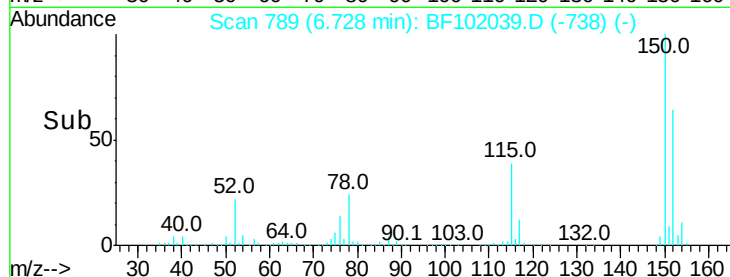
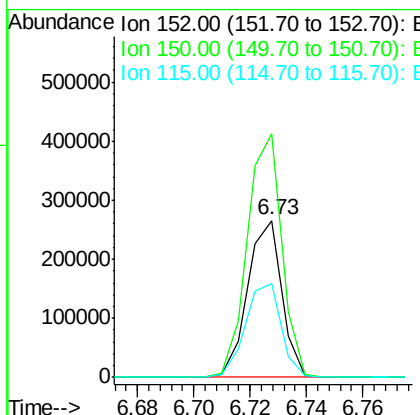
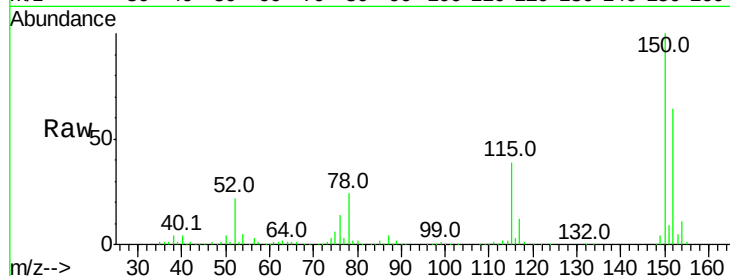


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF102039.D
Acq: 12 Jan 2018 00:34

Instrument :
BNA_F
ClientSampled :
EP-07

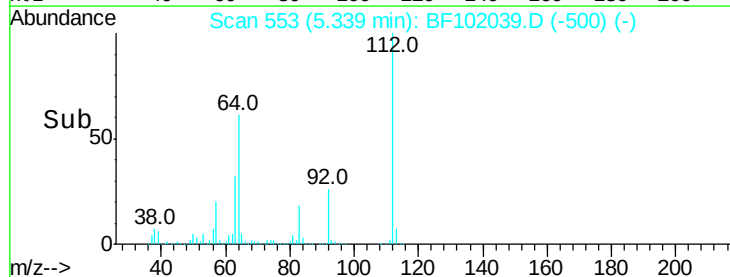
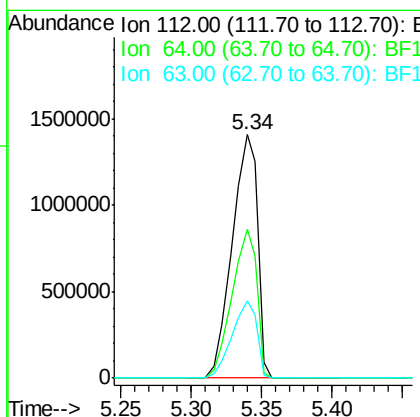
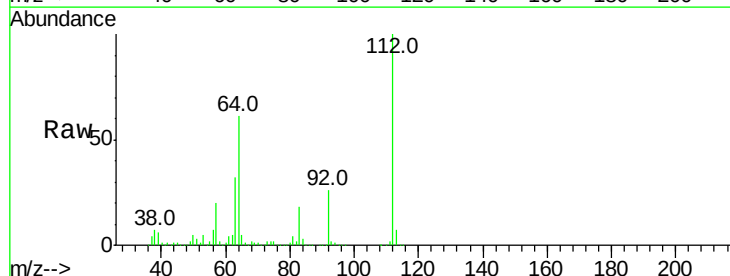
Tot Ion:152 Resp: 223033
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 60.2 50.1 75.1

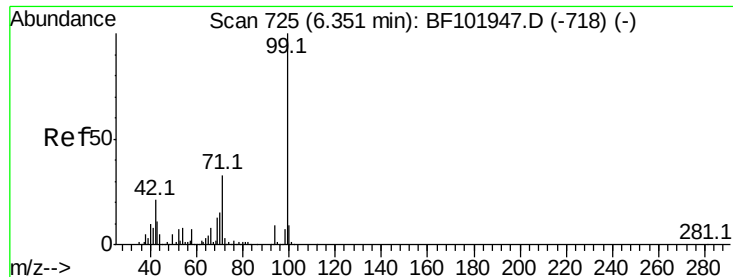


#5

2-Fluorophenol
Concen: 111.101 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102039.D
Acq: 12 Jan 2018 00:34

Tgt Ion:112 Resp: 1754797
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 31.9 23.7 35.5





#7

Phenol-d6

Concen: 110.871 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102039.D

Acq: 12 Jan 2018 00:34

Instrument :

BNA_F

ClientSampleId :

EP-07

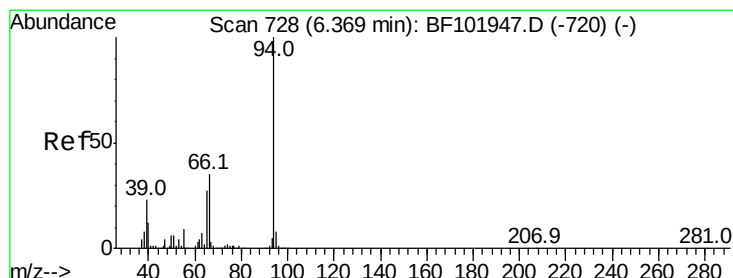
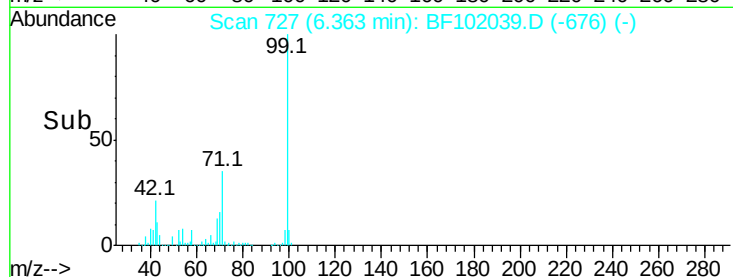
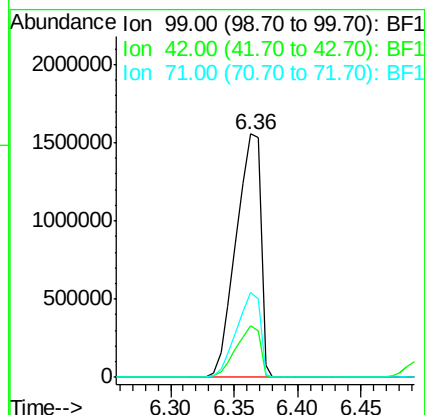
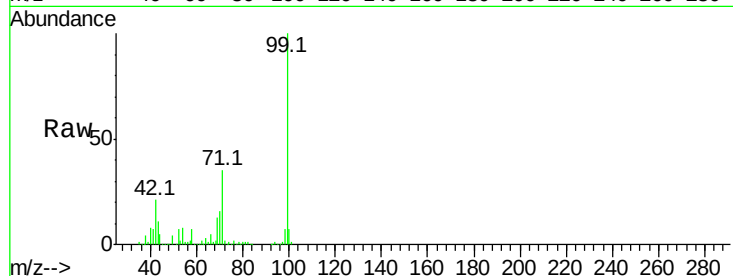
Tot Ion: 99 Resp: 2089312

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

71 35.0 25.4 38.0



#10

Phenol

Concen: 4.558 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102039.D

Acq: 12 Jan 2018 00:34

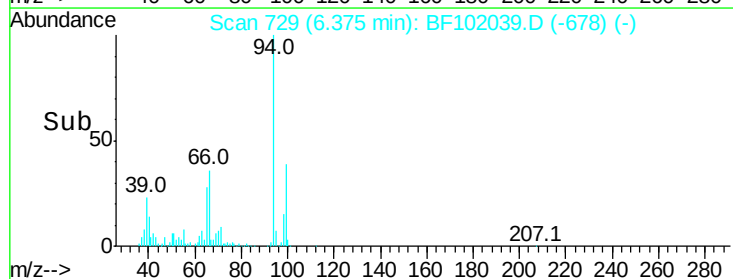
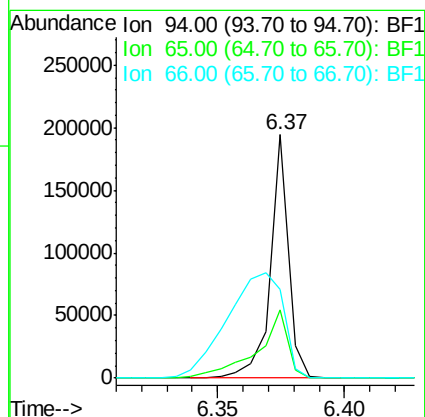
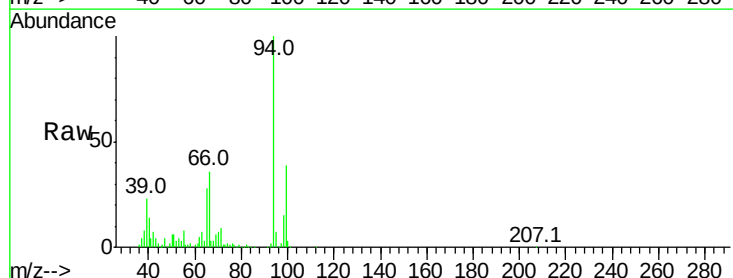
Tgt Ion: 94 Resp: 97071

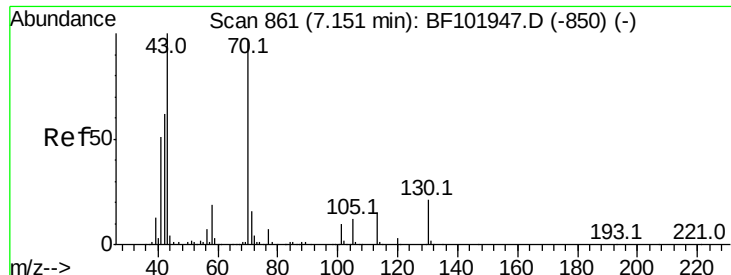
Ion Ratio Lower Upper

94 100

65 27.9 7.9 47.9

66 36.4 16.2 56.2

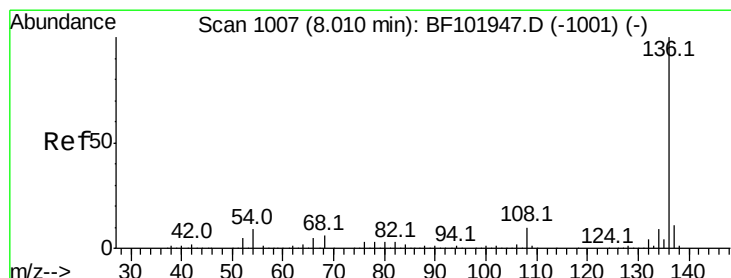
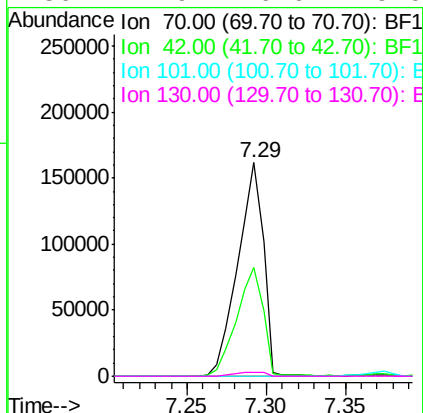
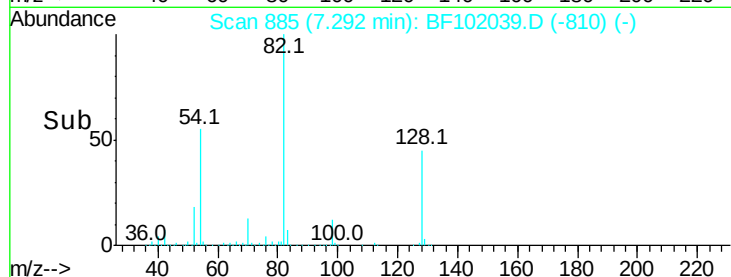
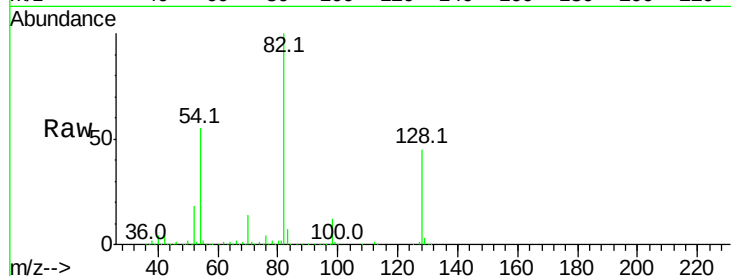




#19
n-Nitroso-di-n-propylamine
Concen: 14.527 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF102039.D
Acq: 12 Jan 2018 00:34

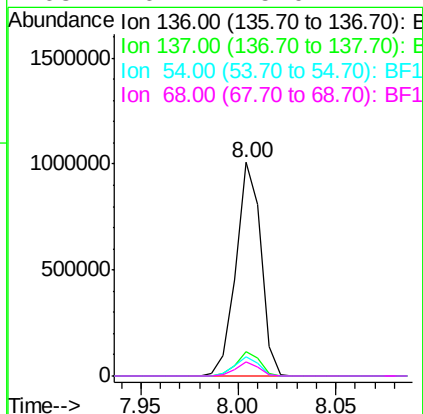
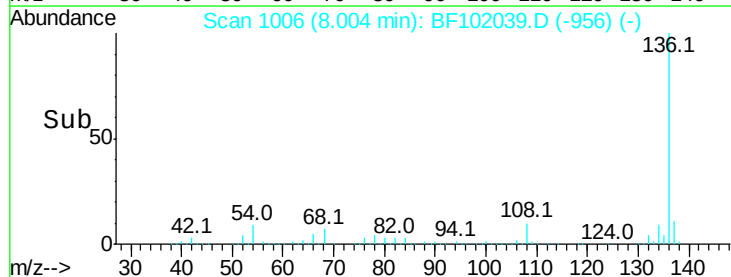
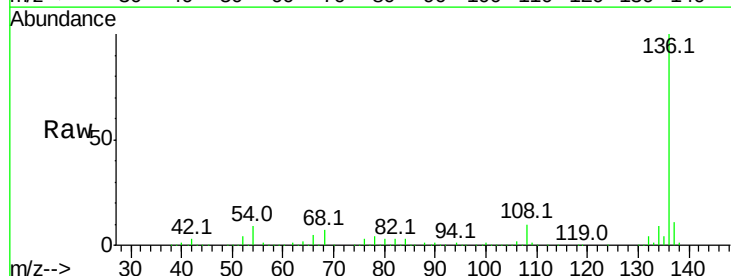
Instrument :
BNA_F
ClientSampleId :
EP-07

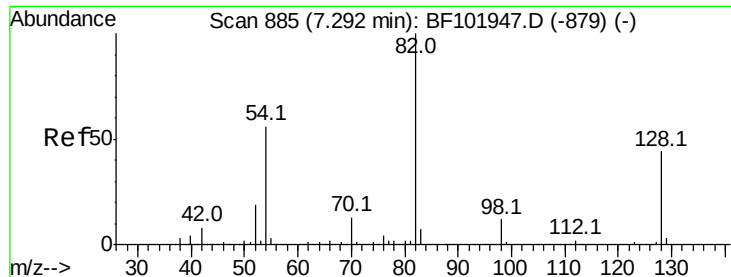
Tot Ion: 70 Resp: 179400
Ion Ratio Lower Upper
70 100
42 51.2 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102039.D
Acq: 12 Jan 2018 00:34

Tgt Ion: 136 Resp: 893006
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.9 6.6 9.8
68 6.7 5.0 7.4



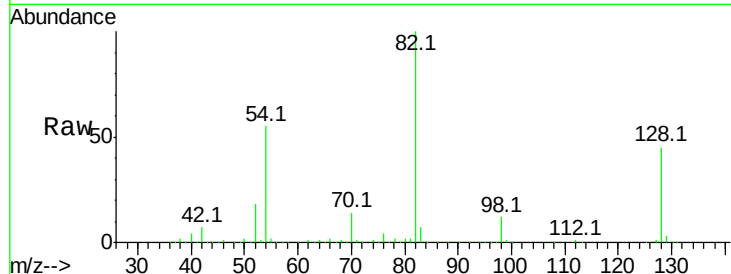


#23
 Nitrobenzene-d5
 Concen: 88.770 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF102039.D
 Acq: 12 Jan 2018 00:34

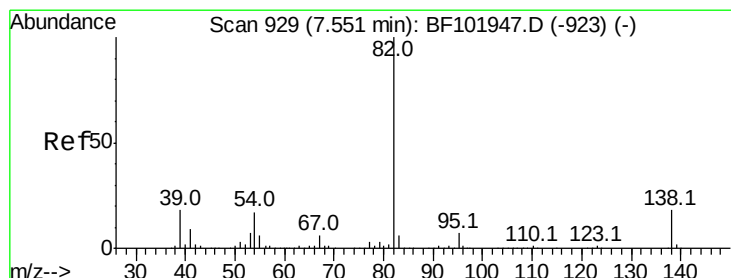
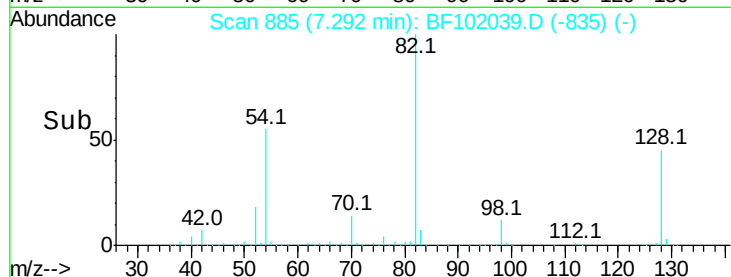
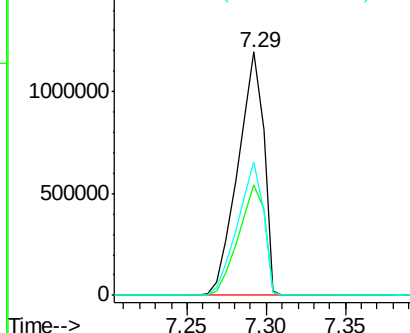
Instrument :
 BNA_F
 ClientSampleID :
 EP-07

Tot Ion: 82 Resp: 1348984

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	55.1	41.4	62.2



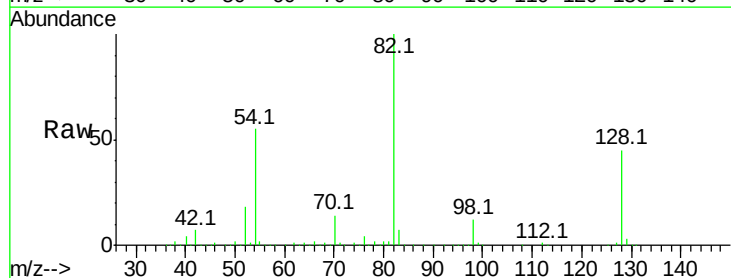
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



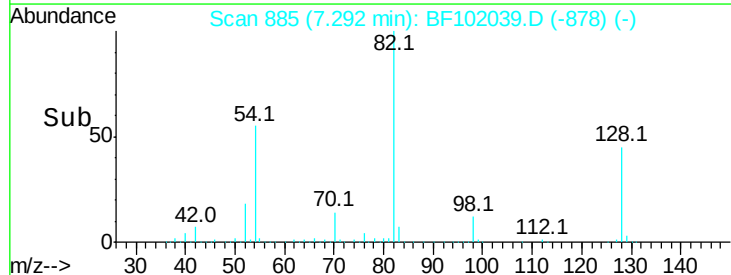
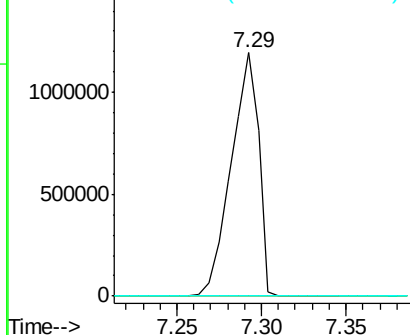
#25
 Isophorone
 Concen: 44.925 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.26 min
 Lab File: BF102039.D
 Acq: 12 Jan 2018 00:34

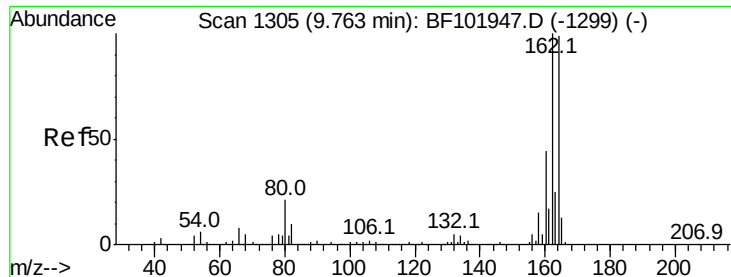
Tgt Ion: 82 Resp: 1348968

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

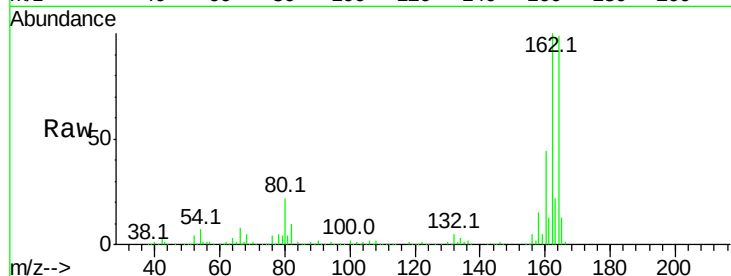




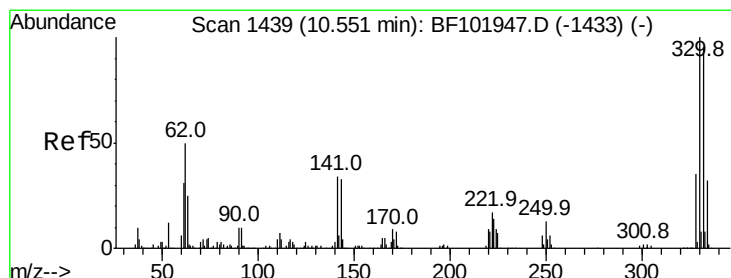
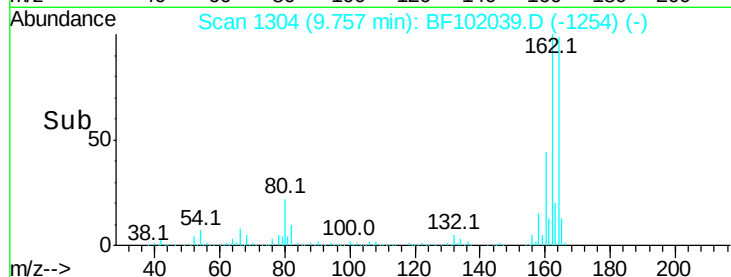
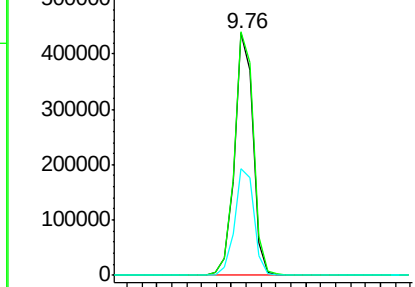
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF102039.D
 Acq: 12 Jan 2018 00:34

Instrument :
 BNA_F
 ClientSampleId :
 EP-07

Tot Ion:164 Resp: 383419
 Ion Ratio Lower Upper
 164 100
 162 100.6 86.1 129.1
 160 44.3 38.3 57.5

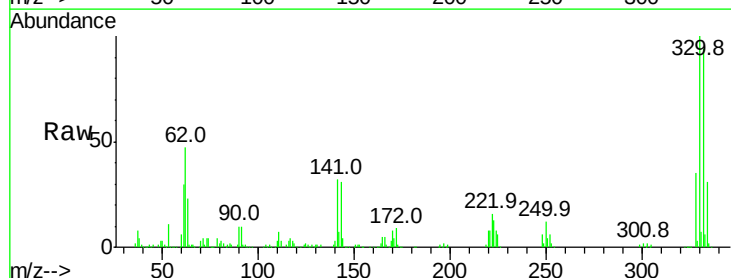


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

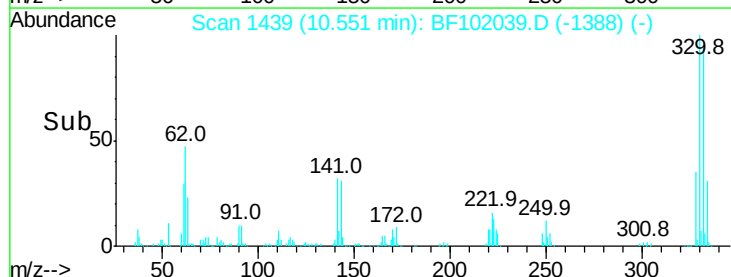
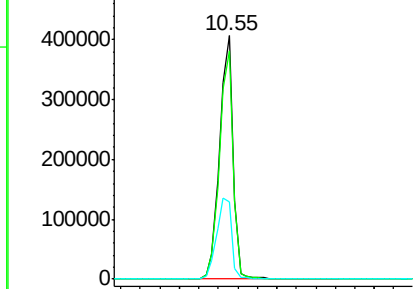


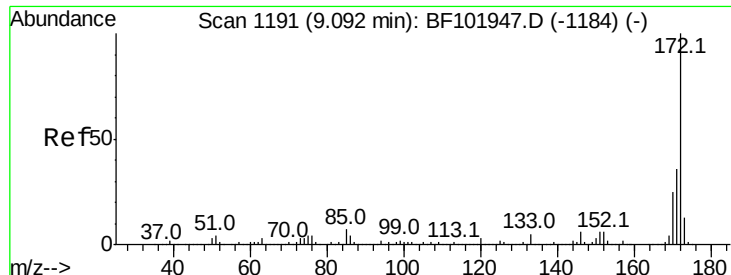
#41
 2,4,6-Tribromophenol
 Concen: 117.566 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF102039.D
 Acq: 12 Jan 2018 00:34

Tgt Ion:330 Resp: 393380
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 37.0 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



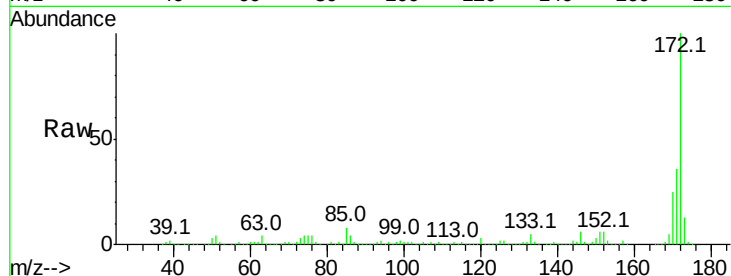


#44
 2-Fluorobiphenyl
 Concen: 85.373 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102039.D
 Acq: 12 Jan 2018 00:34

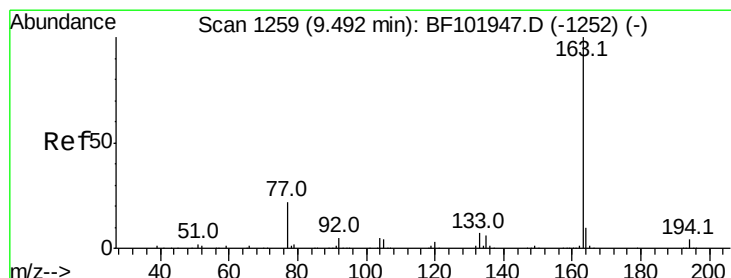
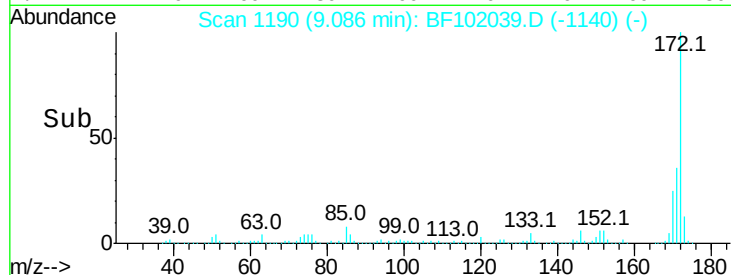
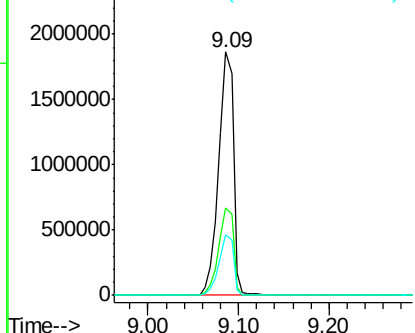
Instrument :
 BNA_F
 ClientSampleId :
 EP-07

Tot Ion:172 Resp: 2095247

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.7	19.6	29.4



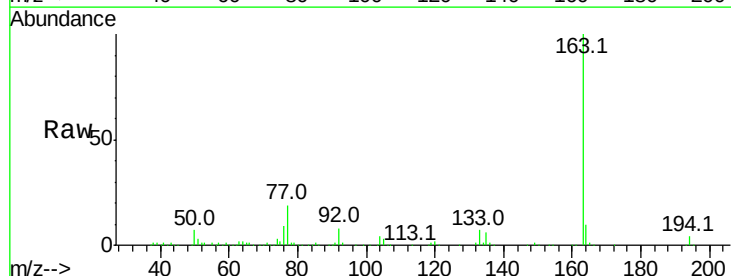
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



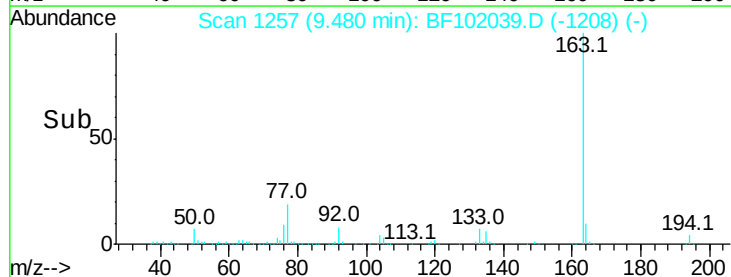
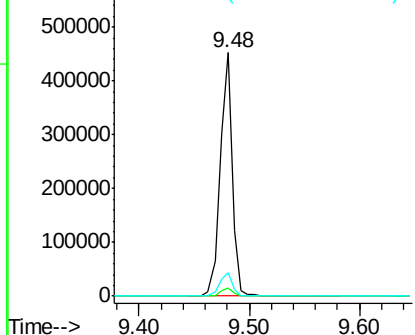
#49
 Dimethylphthalate
 Concen: 11.257 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF102039.D
 Acq: 12 Jan 2018 00:34

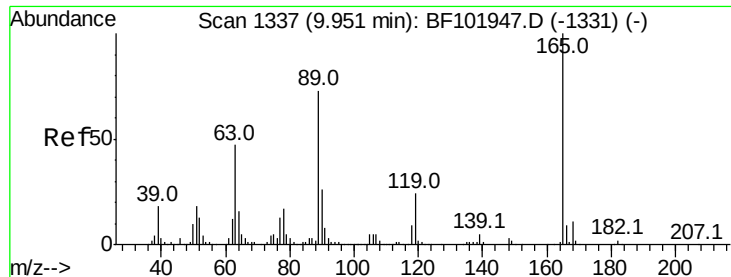
Tgt Ion:163 Resp: 346254

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.9	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

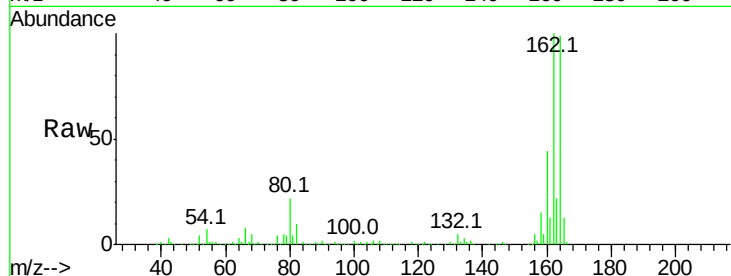




#56
 2,4-Dinitrotoluene
 Concen: 6.198 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF102039.D
 Acq: 12 Jan 2018 00:34

Instrument :
 BNA_F
 ClientSampleId :
 EP-07

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

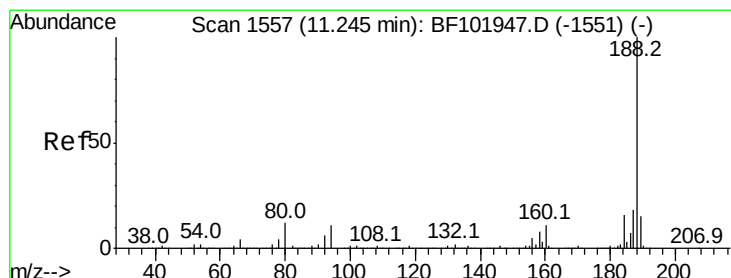
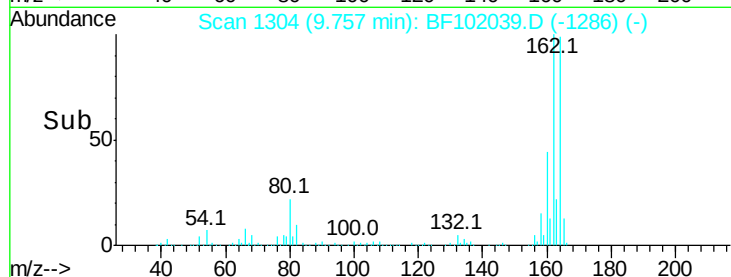
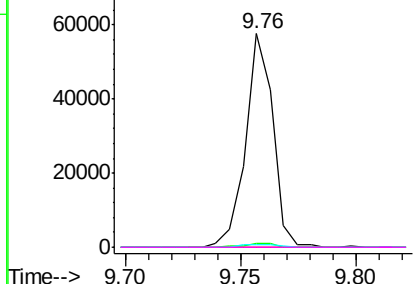


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

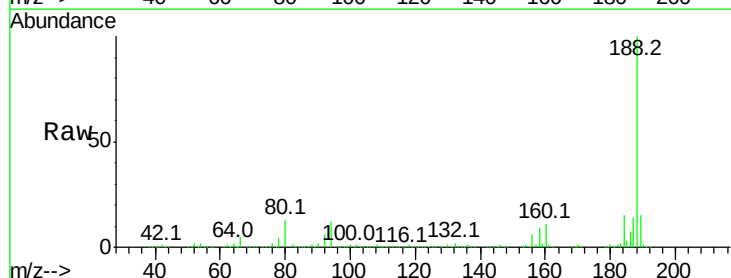
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF102039.D
 Acq: 12 Jan 2018 00:34

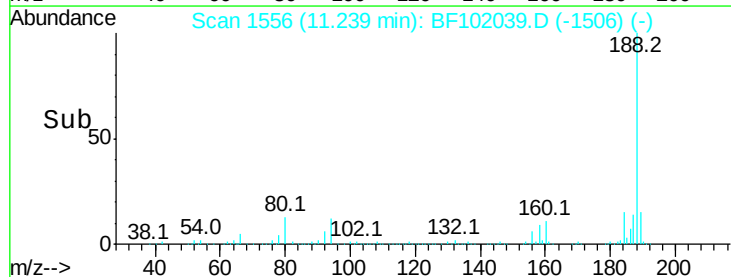
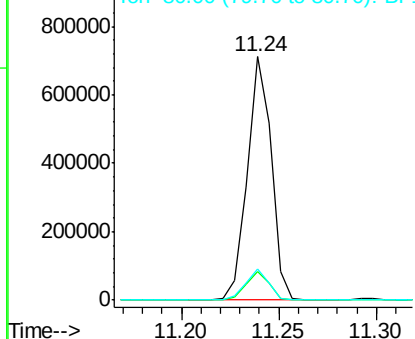
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.0	8.5	12.7
80	12.6	9.2	13.8

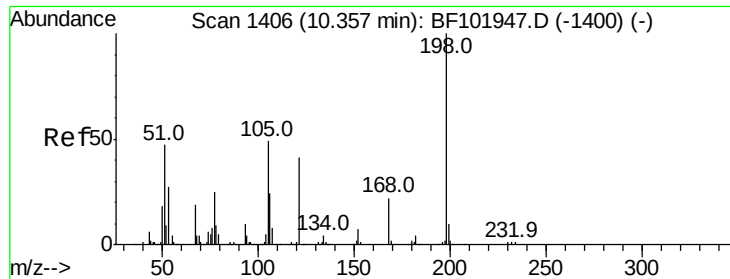


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

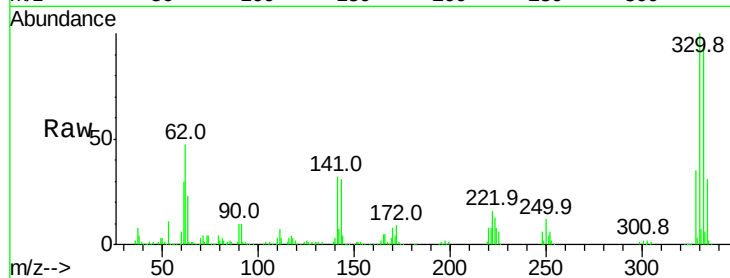




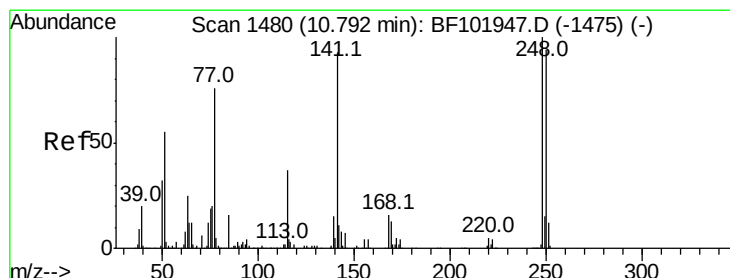
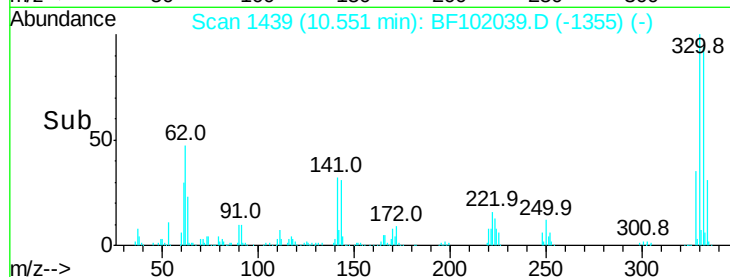
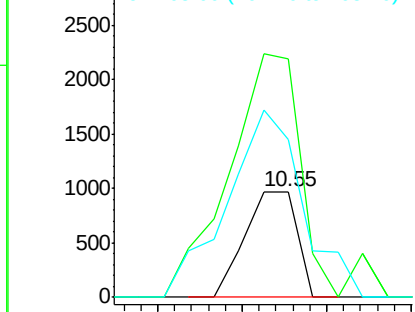
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.885 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.19 min
 Lab File: BF102039.D
 Acq: 12 Jan 2018 00:34

Instrument :
 BNA_F
 ClientSampled :
 EP-07

Tot Ion:198 Resp: 832
 Ion Ratio Lower Upper
 198 100
 51 226.3 37.7 77.7#
 105 150.1 36.3 76.3#

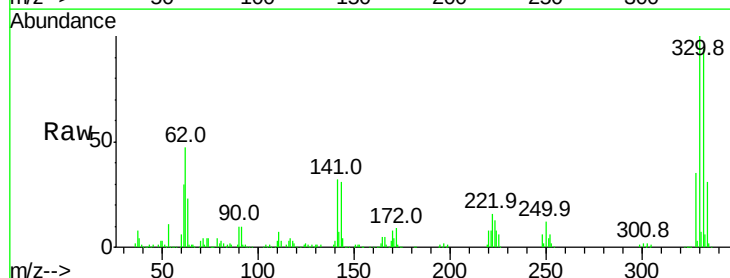


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

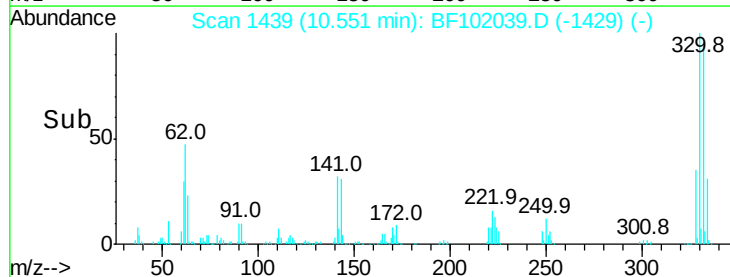
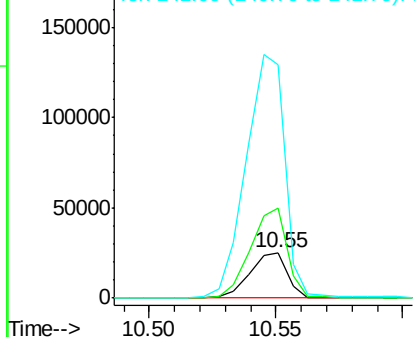


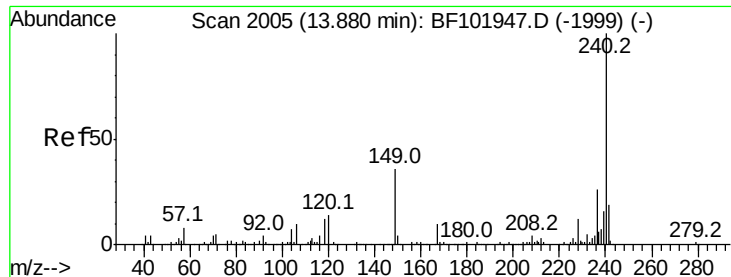
#66
 4-Bromophenyl-phenylether
 Concen: 4.051 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF102039.D
 Acq: 12 Jan 2018 00:34

Tgt Ion:248 Resp: 25961
 Ion Ratio Lower Upper
 248 100
 250 196.7 76.9 115.3#
 141 510.3 74.4 111.6#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102039.D

Acq: 12 Jan 2018 00:34

Instrument :

BNA_F

ClientSampleId :

EP-07

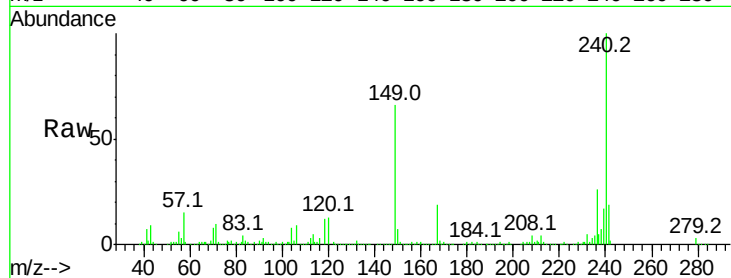
Tot Ion:240 Resp: 335937

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

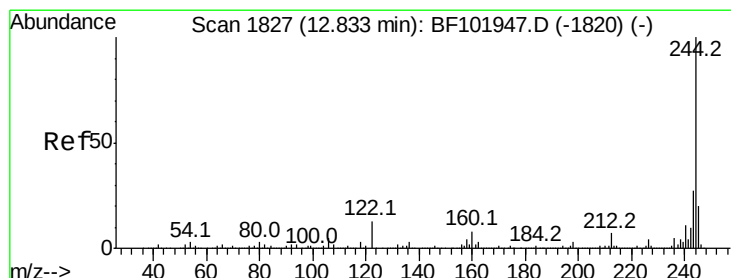
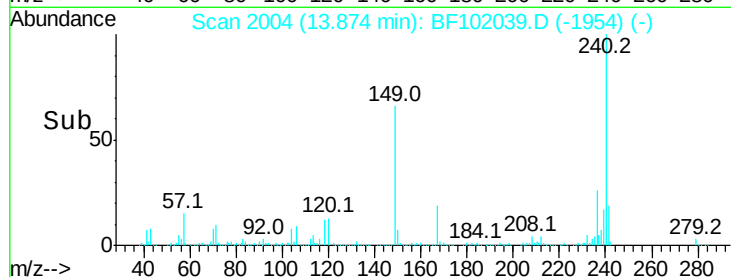
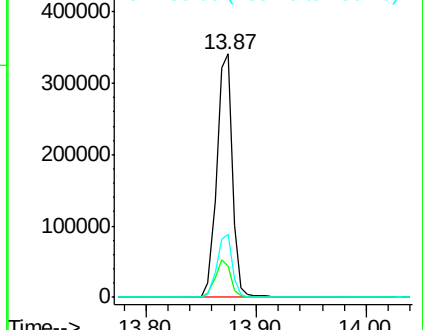
236 26.1 20.7 31.1



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: 95.391 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF102039.D

Acq: 12 Jan 2018 00:34

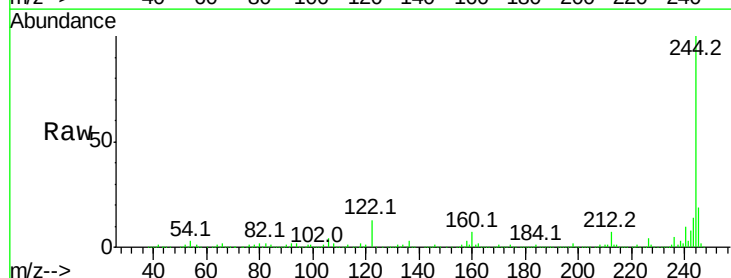
Tgt Ion:244 Resp: 1543419

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

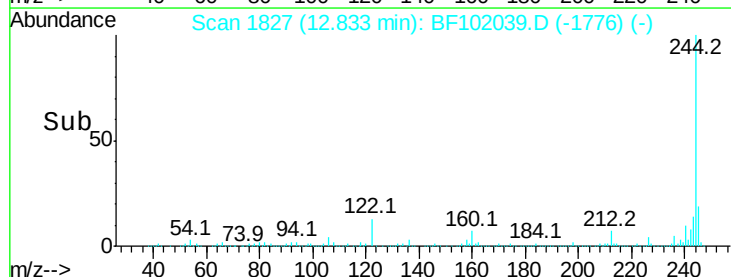
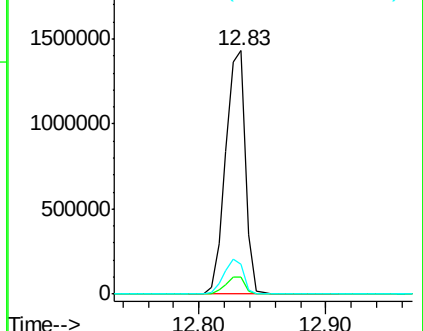
122 12.5 11.0 16.4

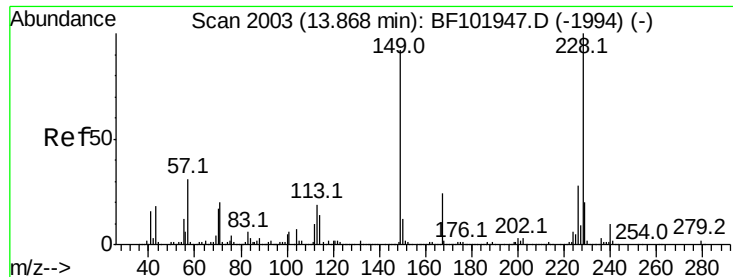


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

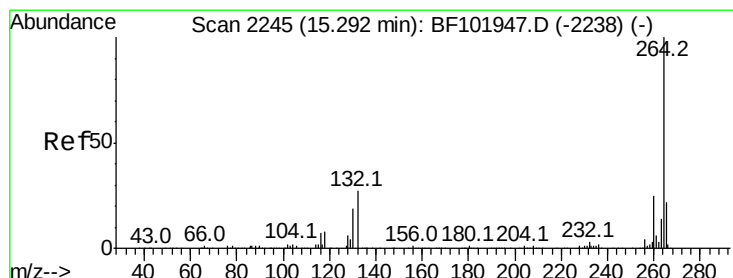
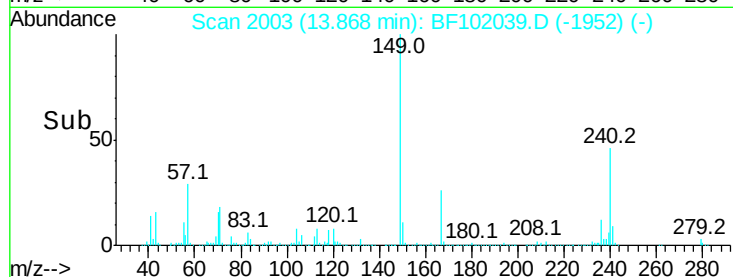
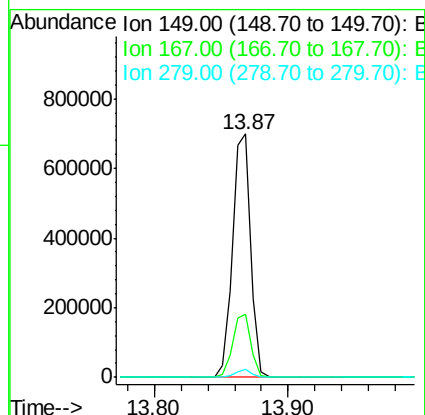
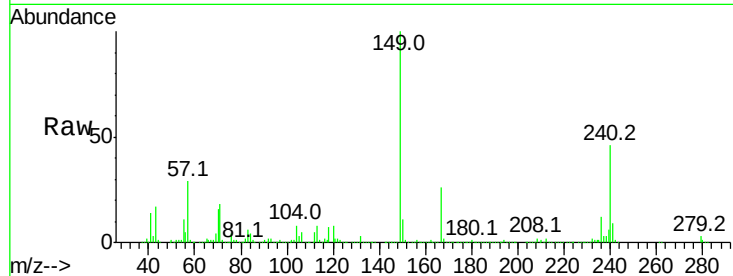




#83
Bis(2-ethylhexyl)phthalate
Concen: 42.900 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF102039.D
Acq: 12 Jan 2018 00:34

Instrument :
BNA_F
ClientSampleId :
EP-07

Tot Ion:149 Resp: 670661
Ion Ratio Lower Upper
149 100
167 26.1 21.3 31.9
279 3.1 3.0 4.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BF102039.D
Acq: 12 Jan 2018 00:34

Tgt Ion:264 Resp: 386942
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.5 17.5 26.3

