

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102073.D
 Acq On : 15 Jan 2018 20:00
 Operator : SJ/JU
 Sample : J1117-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 15 23:44:50 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	6.72	152	193657	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	767716	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	299418	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	424693	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	351807	20.00	ng	-0.01
86) Perylene-d12	15.28	264	338834	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1480038	107.92	ng	0.01
7) Phenol-d6	6.36	99	1720293	105.14	ng	0.00
23) Nitrobenzene-d5	7.29	82	1102762	84.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	270535	103.53	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1457802	76.06	ng	-0.01
78) Terphenyl-d14	12.82	244	1034186	61.03	ng	-0.01

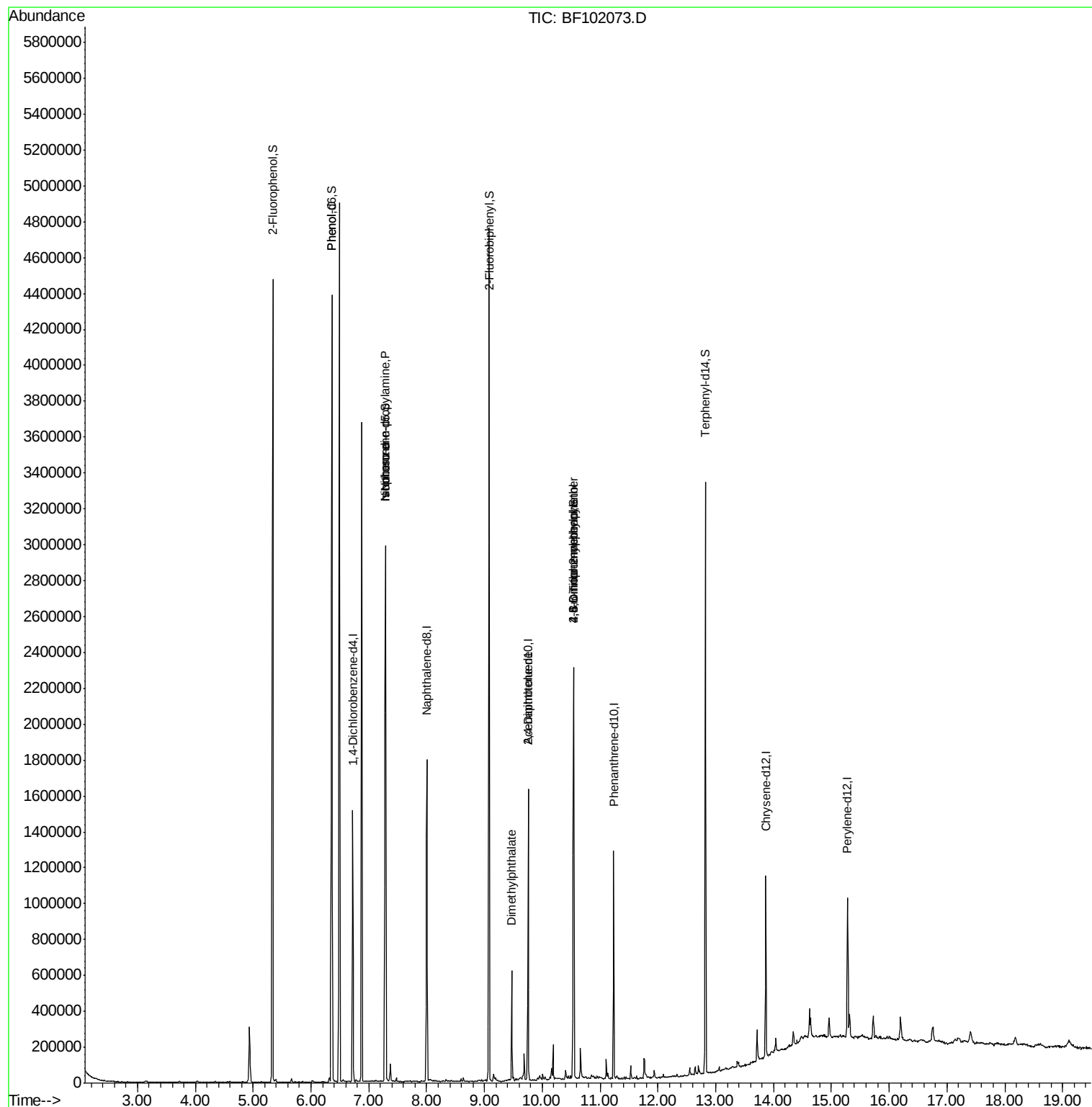
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	50117	2.710	ng	82
19) n-Nitroso-di-n-propylamine	7.29	70	149126	13.907	ng	# 79
25) Isophorone	7.29	82	1100052	42.614	ng	# 64
49) Dimethylphthalate	9.47	163	212815	8.860	ng	98
56) 2,4-Dinitrotoluene	9.76	165	37747	6.277	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.55	198	683	5.923	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	16891	3.766	ng	# 1

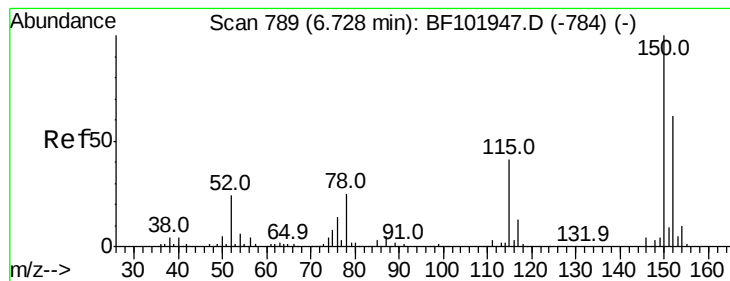
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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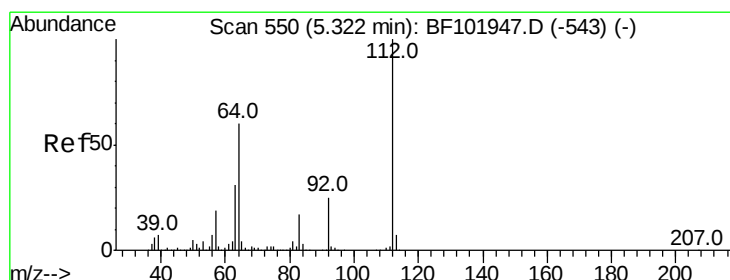
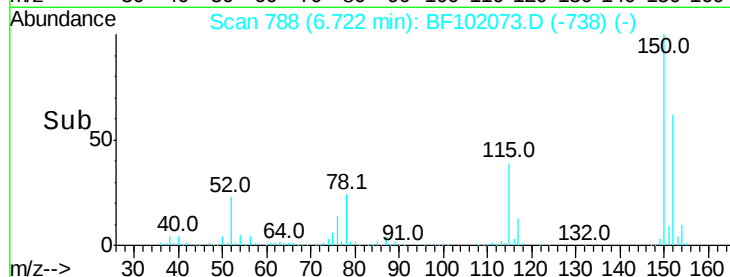
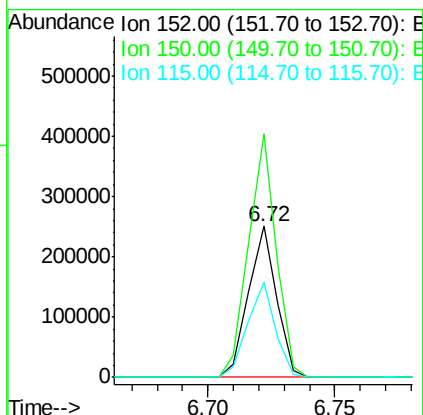
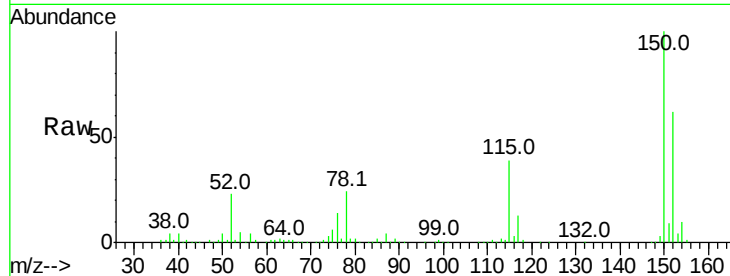


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102073.D
Acq: 15 Jan 2018 20:00

Instrument :
BNA_F
ClientSampled :

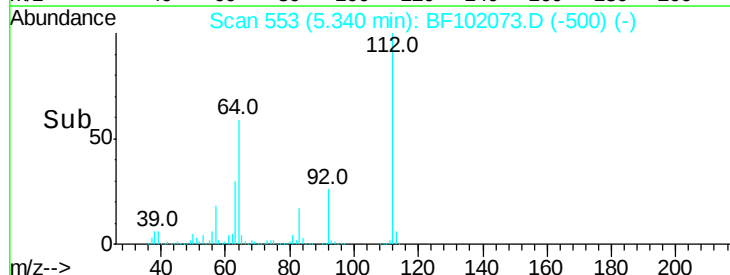
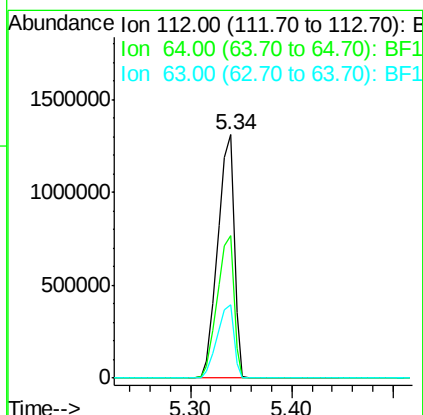
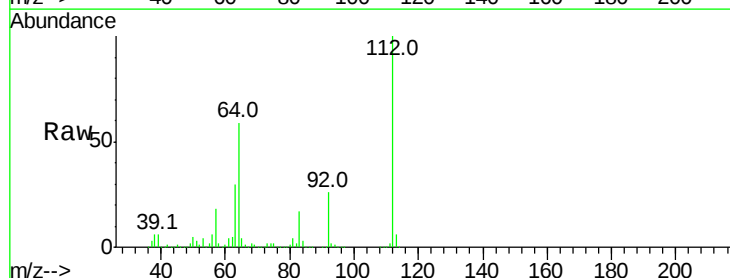
Tot Ion:152 Resp: 193657
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 62.8 50.1 75.1

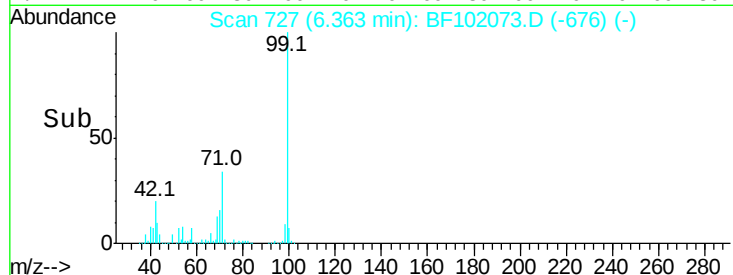
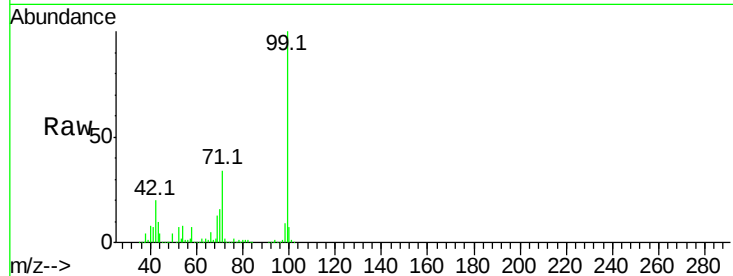


#5

2-Fluorophenol
Concen: 107.919 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102073.D
Acq: 15 Jan 2018 20:00

Tgt Ion:112 Resp: 1480038
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 30.2 23.7 35.5





#7

Phenol-d6

Concen: 105.136 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102073.D

Acq: 15 Jan 2018 20:00

Instrument :

BNA_F

ClientSampleId :

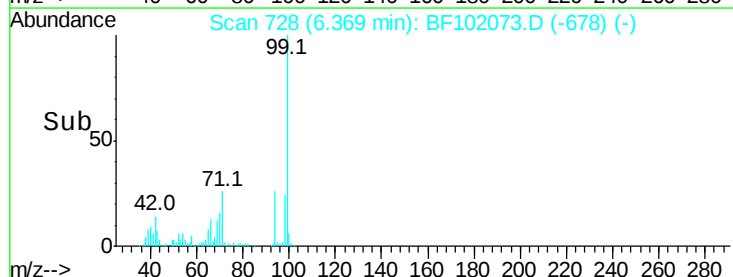
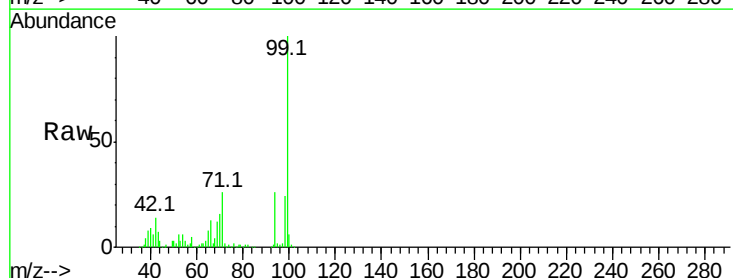
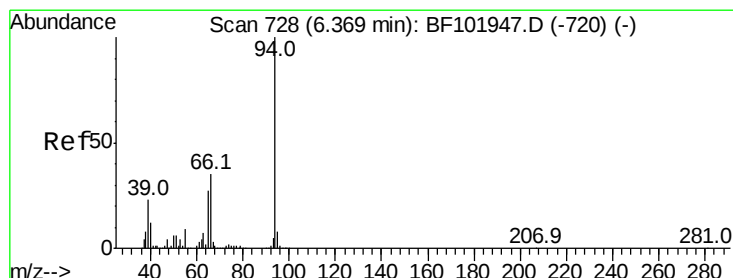
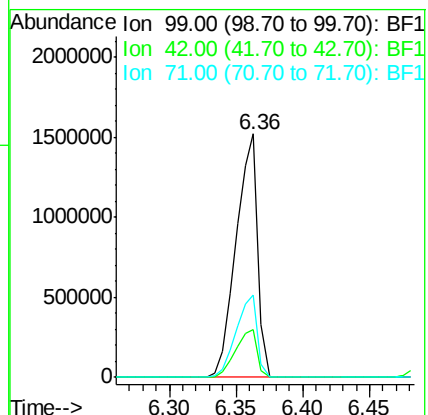
Tot Ion: 99 Resp: 1720293

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 34.0 25.4 38.0



#10

Phenol

Concen: 2.710 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102073.D

Acq: 15 Jan 2018 20:00

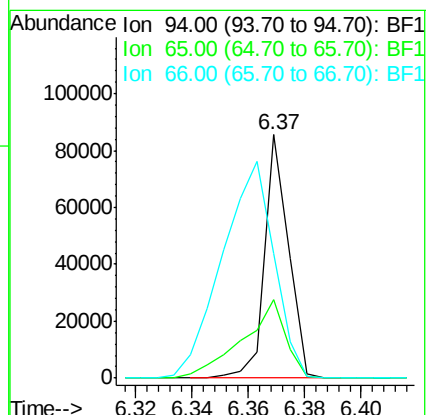
Tgt Ion: 94 Resp: 50117

Ion Ratio Lower Upper

94 100

65 32.2 7.9 47.9

66 51.0 16.2 56.2

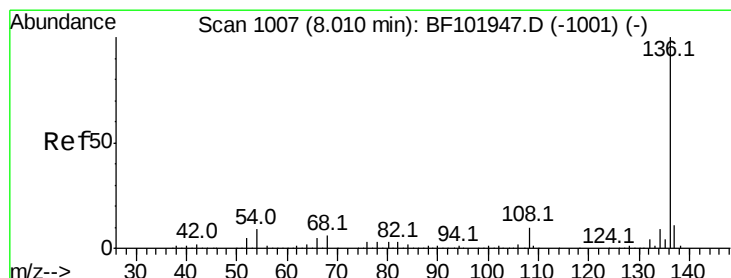
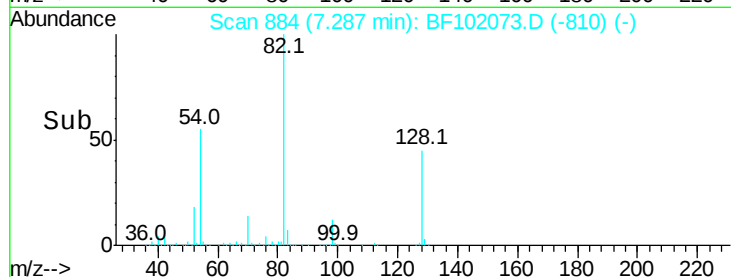
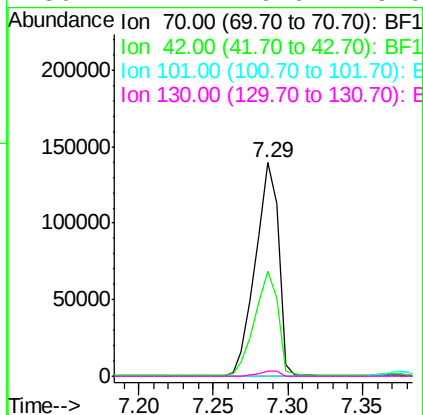
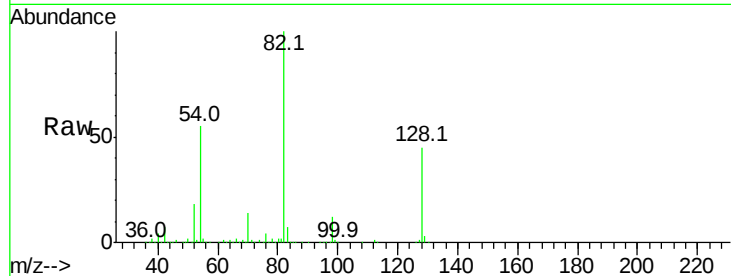




#19
n-Nitroso-di-n-propylamine
Concen: 13.907 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102073.D
Acq: 15 Jan 2018 20:00

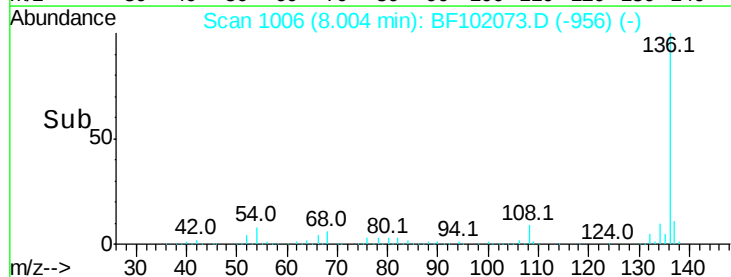
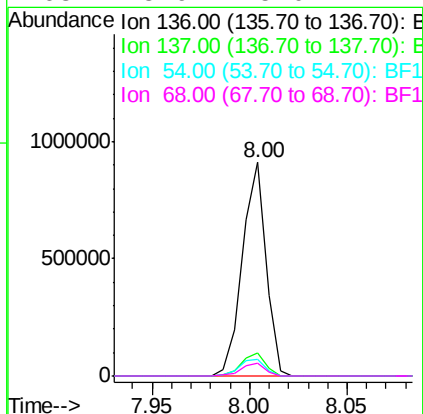
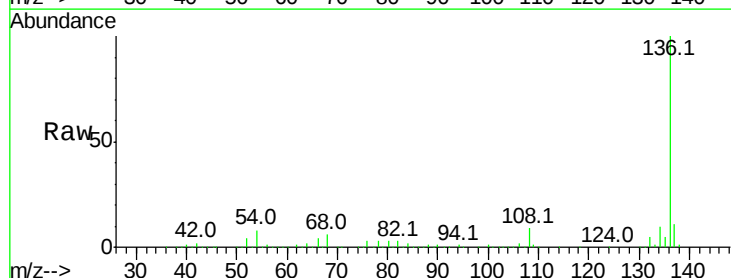
Instrument :
BNA_F
ClientSampleId :

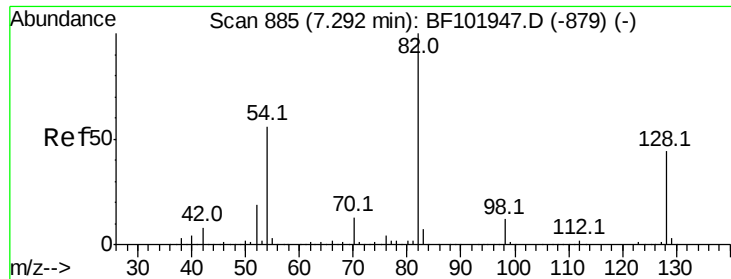
Tot Ion: 70 Resp: 149126
Ion Ratio Lower Upper
70 100
42 48.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102073.D
Acq: 15 Jan 2018 20:00

Tgt Ion: 136 Resp: 767716
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.0 6.6 9.8
68 5.9 5.0 7.4

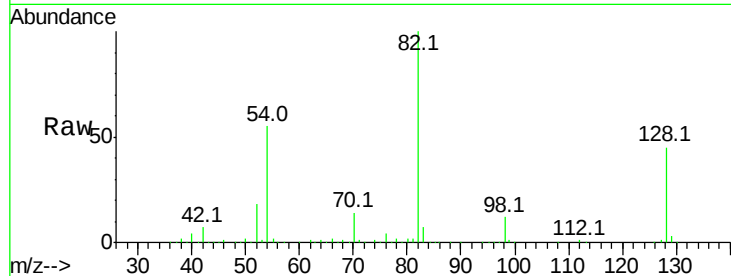




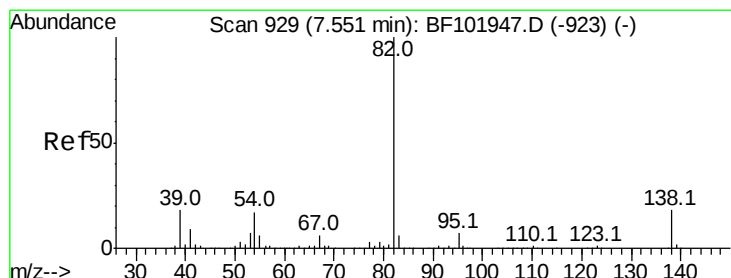
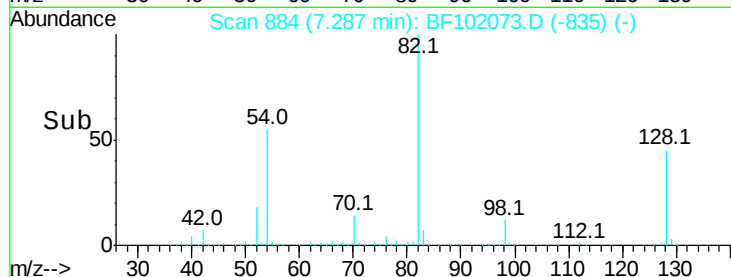
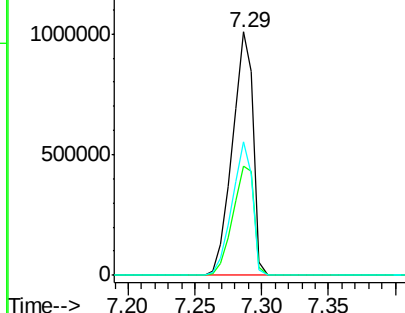
#23
Nitrobenzene-d5
Concen: 84.410 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102073.D
Acq: 15 Jan 2018 20:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1102762
Ion Ratio Lower Upper
82 100
128 44.9 36.1 54.1
54 54.7 41.4 62.2

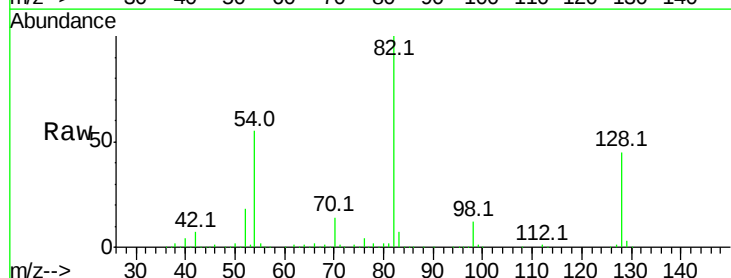


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

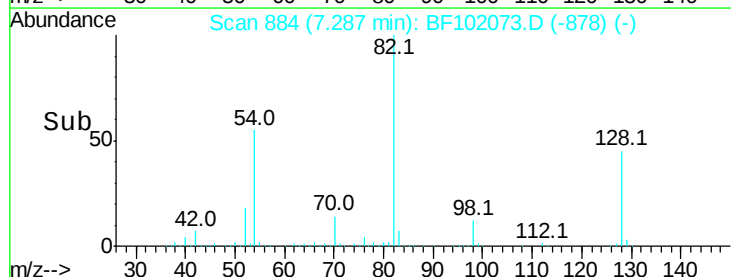
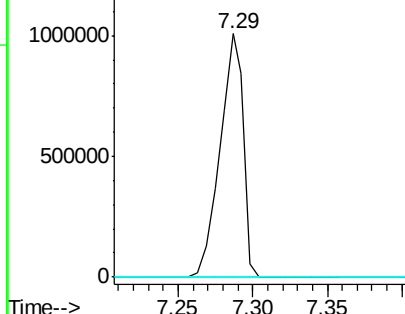


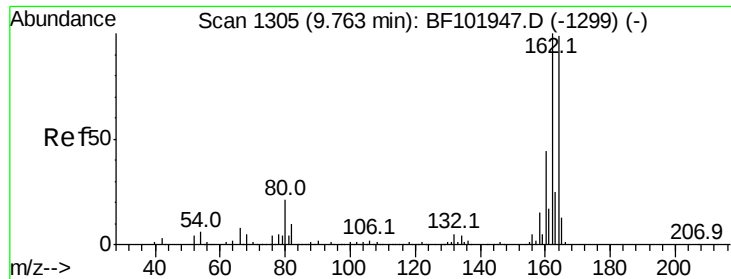
#25
Isophorone
Concen: 42.614 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102073.D
Acq: 15 Jan 2018 20:00

Tgt Ion: 82 Resp: 1100052
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: BF102073.D

Acq: 15 Jan 2018 20:00

Instrument :

BNA_F

ClientSampleId :

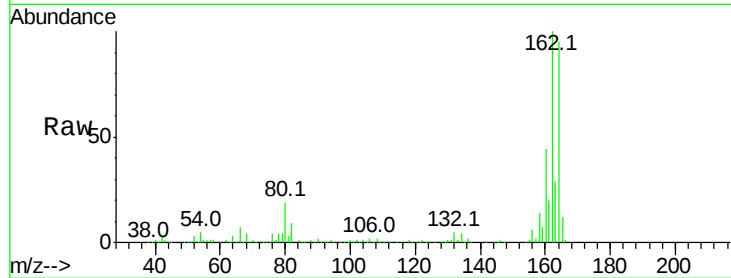
Tot Ion:164 Resp: 299418

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

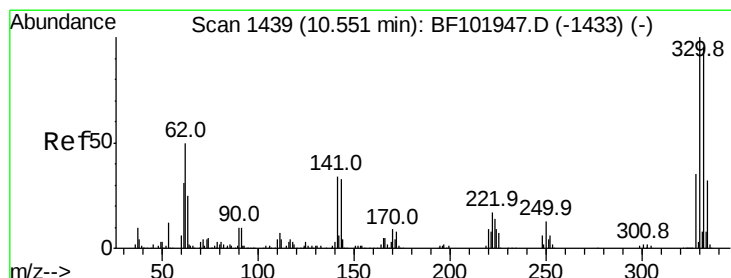
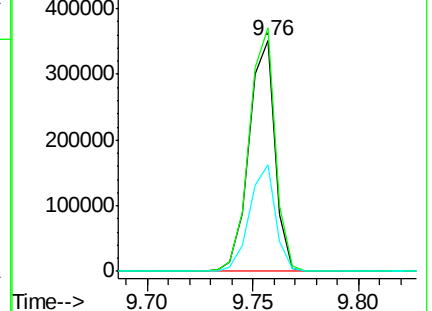
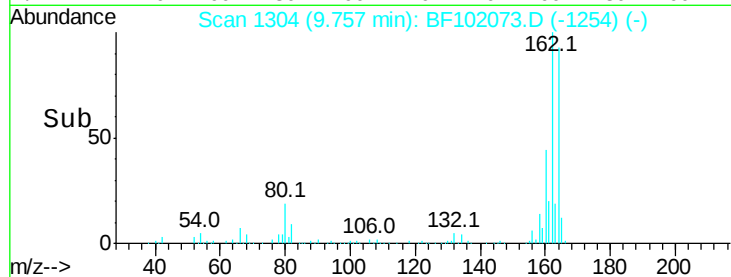
160 46.4 38.3 57.5



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: 103.535 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102073.D

Acq: 15 Jan 2018 20:00

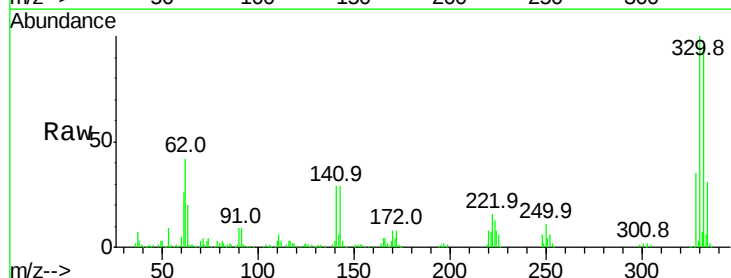
Tgt Ion:330 Resp: 270535

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

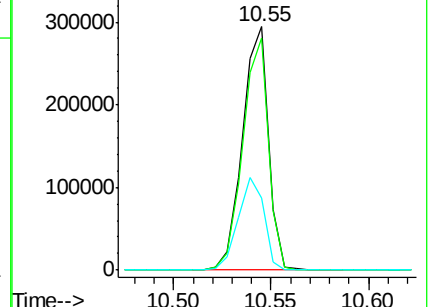
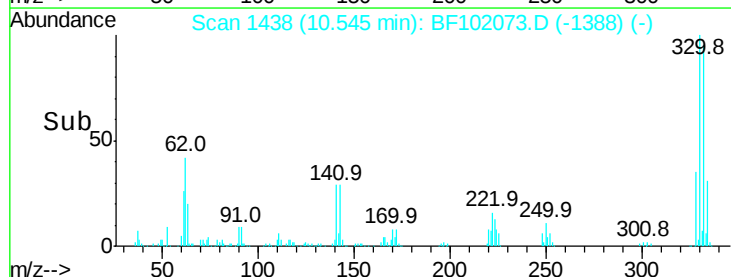
141 38.4 29.9 44.9

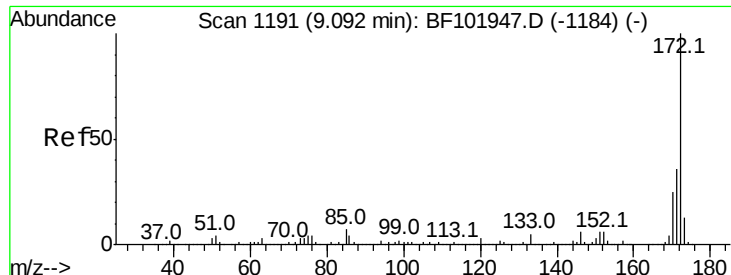


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

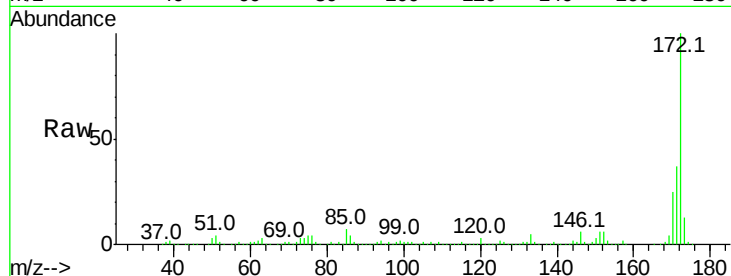




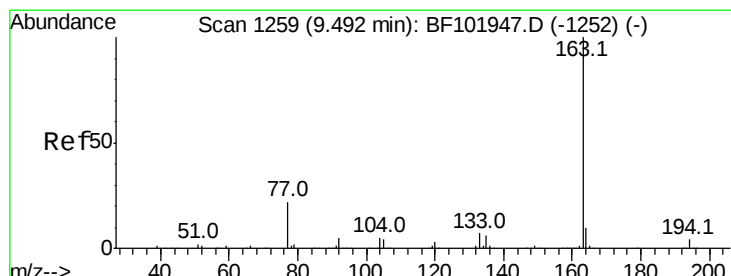
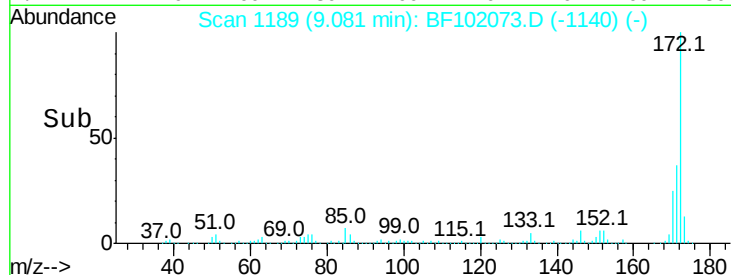
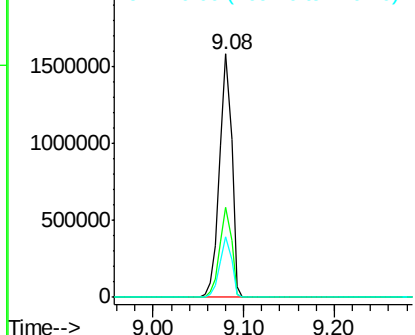
#44
2-Fluorobiphenyl
Concen: 76.064 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102073.D
Acq: 15 Jan 2018 20:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1457802
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.7 19.6 29.4

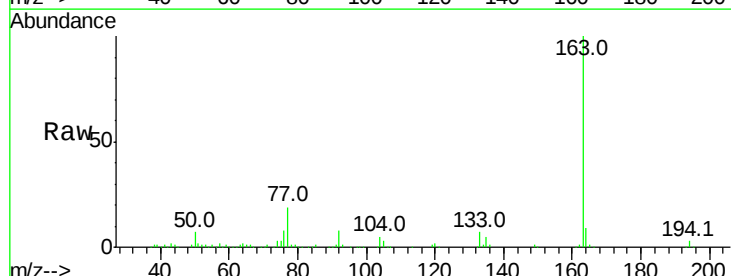


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

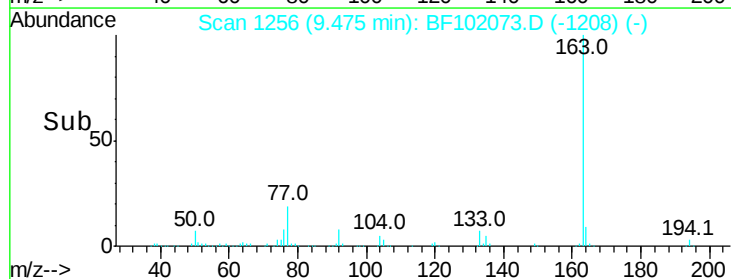
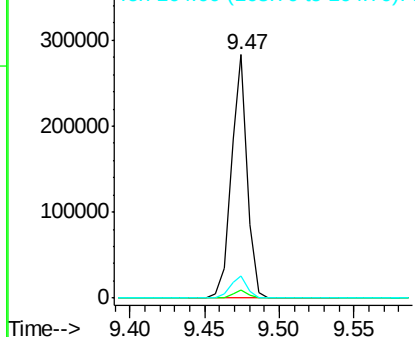


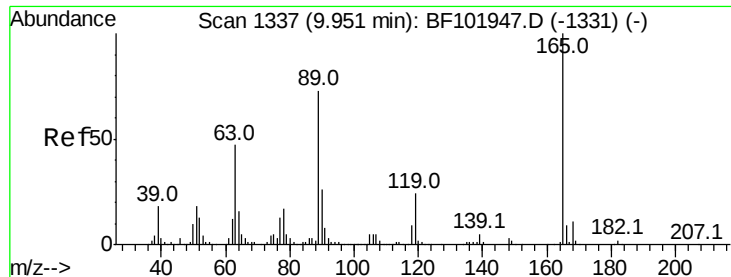
#49
Dimethylphthalate
Concen: 8.860 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102073.D
Acq: 15 Jan 2018 20:00

Tgt Ion:163 Resp: 212815
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.3 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

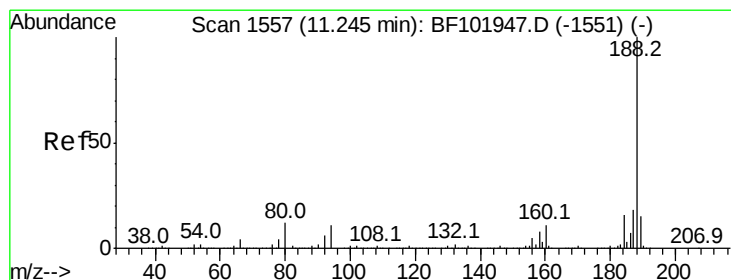
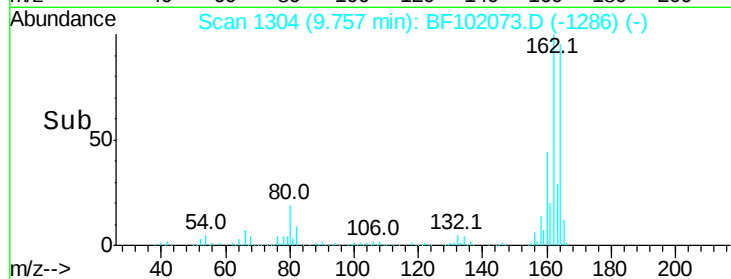
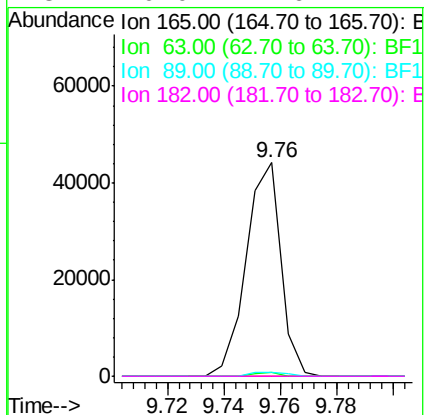
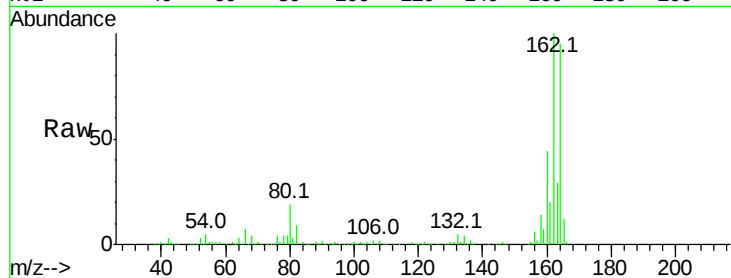




#56
 2,4-Dinitrotoluene
 Concen: 6.277 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF102073.D
 Acq: 15 Jan 2018 20:00

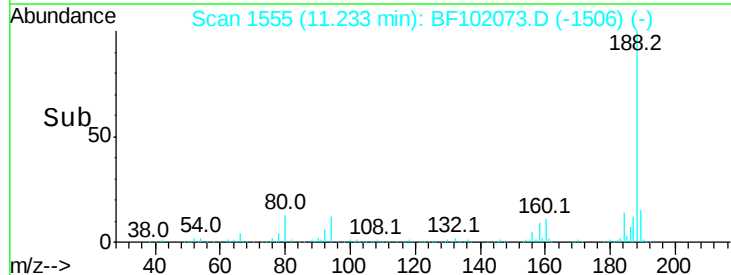
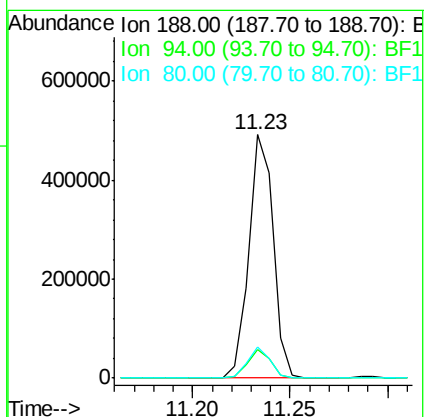
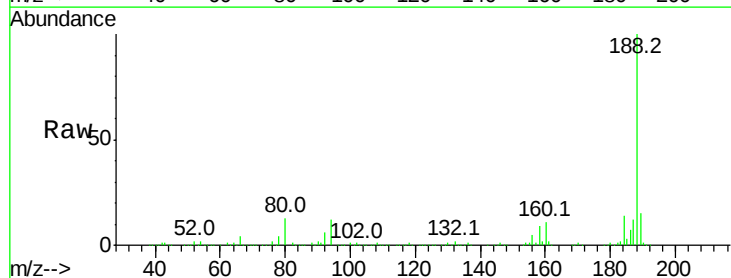
Instrument :
 BNA_F
 ClientSampleId :

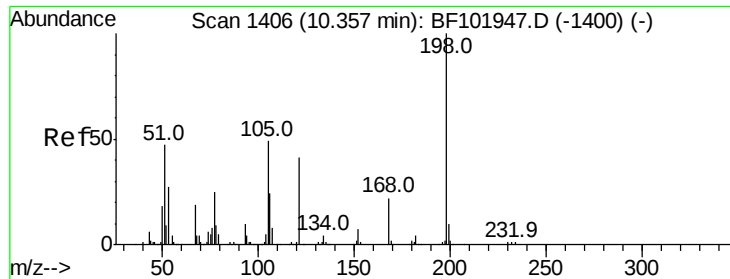
Tot Ion:	165	Resp:	37747
Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102073.D
 Acq: 15 Jan 2018 20:00

Tgt Ion:	188	Resp:	424693
Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.6	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 5.923 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.19 min

Lab File: BF102073.D

Acq: 15 Jan 2018 20:00

Instrument :

BNA_F

ClientSampleId :

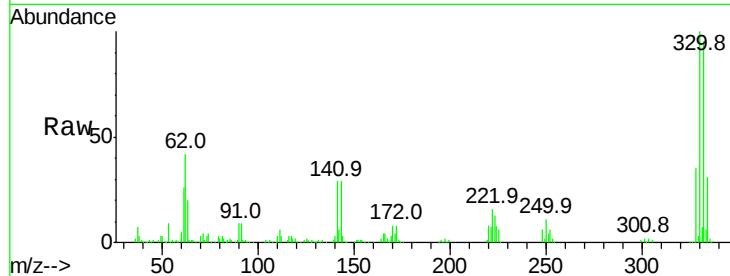
Tot Ion:198 Resp: 683

Ion Ratio Lower Upper

198 100

51 156.6 37.7 77.7#

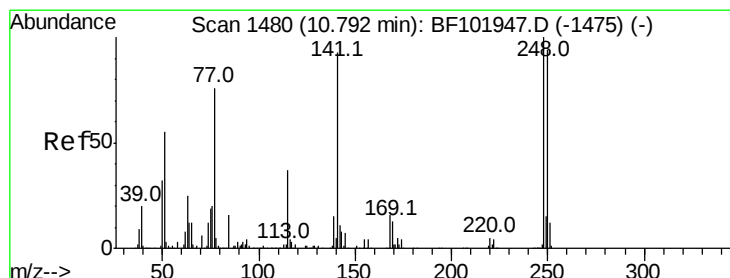
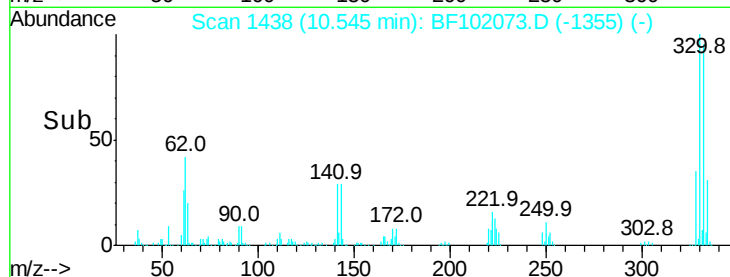
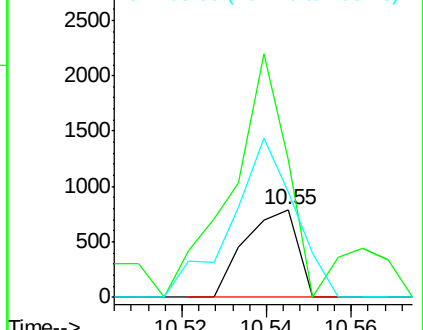
105 119.7 36.3 76.3#



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: 3.766 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.25 min

Lab File: BF102073.D

Acq: 15 Jan 2018 20:00

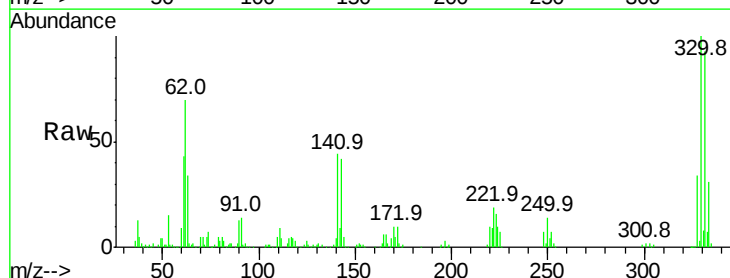
Tgt Ion:248 Resp: 16891

Ion Ratio Lower Upper

248 100

250 204.0 76.9 115.3#

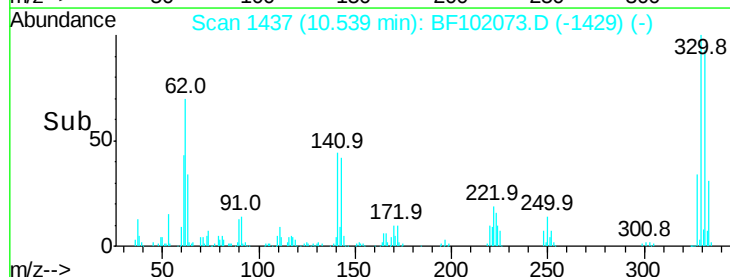
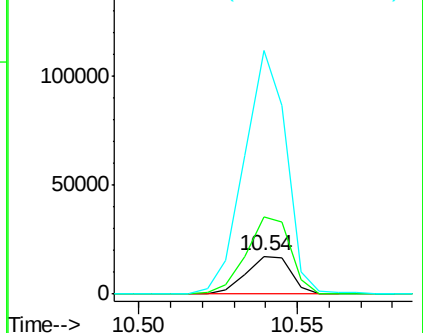
141 648.6 74.4 111.6#

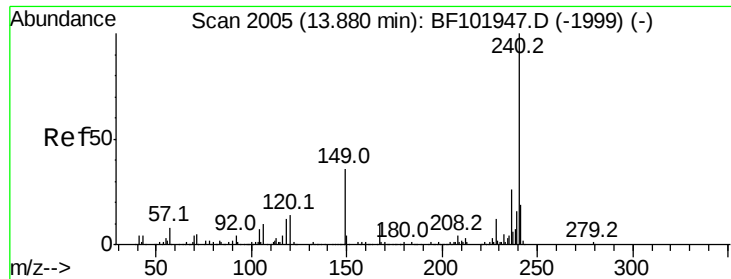


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2003

Delta R.T. -0.01 min

Lab File: BF102073.D

Acq: 15 Jan 2018 20:00

Instrument :

BNA_F

ClientSampled :

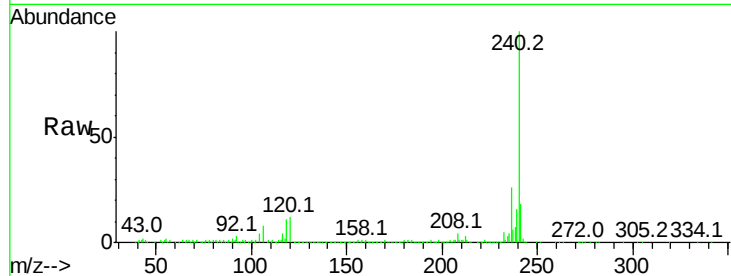
Tot Ion:240 Resp: 351807

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

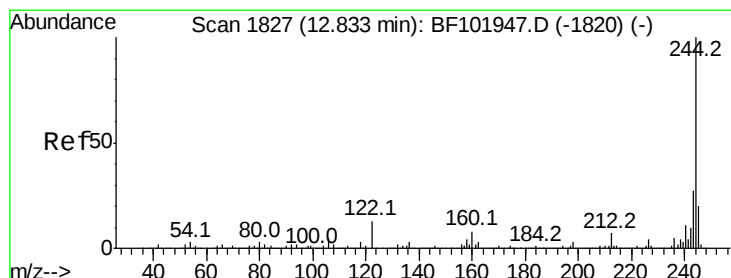
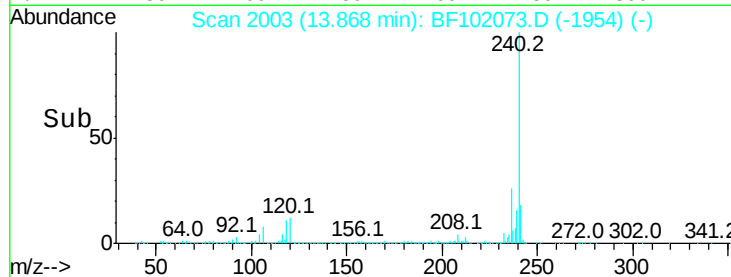
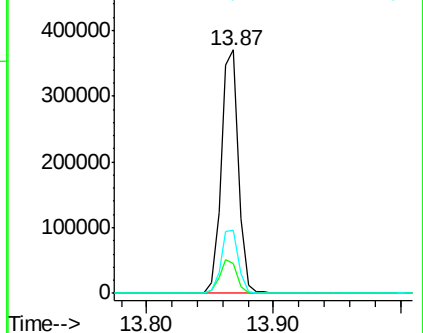
236 25.9 20.7 31.1



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: 61.035 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102073.D

Acq: 15 Jan 2018 20:00

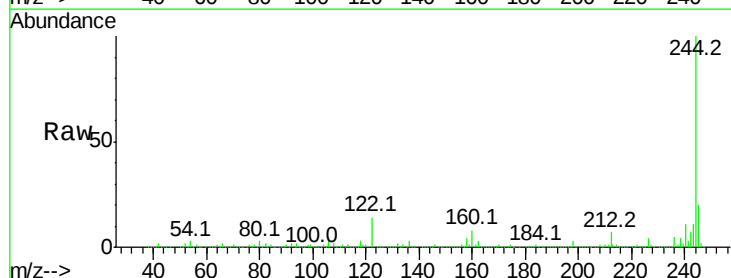
Tgt Ion:244 Resp: 1034186

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

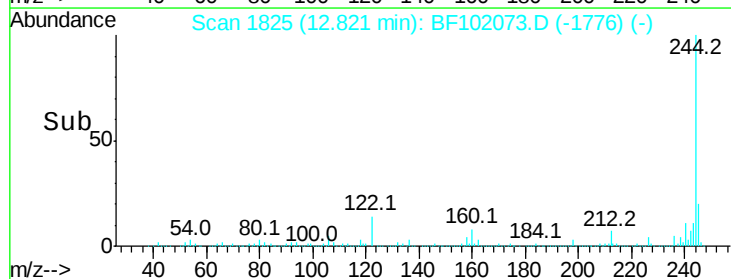
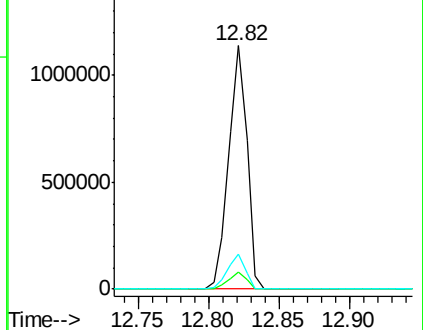
122 14.2 11.0 16.4

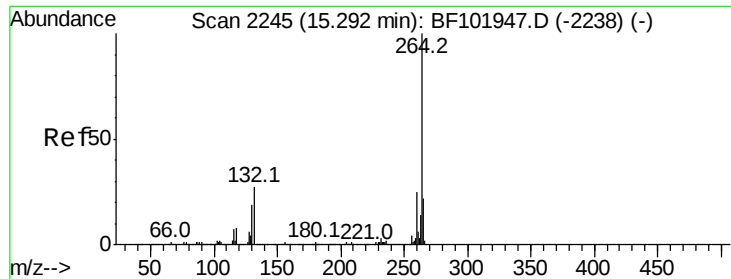


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

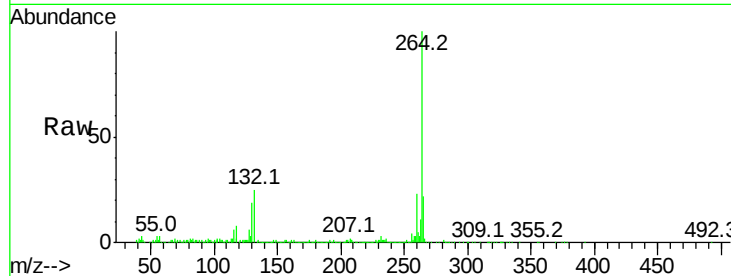




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102073.D
Acq: 15 Jan 2018 20:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	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

