

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102099.D
 Acq On : 16 Jan 2018 10:40
 Operator : SJ/JU
 Sample : J1116-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 23:29:32 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	158483	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	663273	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	303526	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	522138	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	362140	20.00	ng	-0.01
86) Perylene-d12	15.28	264	284367	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1177325	104.90	ng	0.01
7) Phenol-d6	6.36	99	1421333	106.14	ng	0.00
23) Nitrobenzene-d5	7.29	82	899880	79.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	317706	119.94	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1297406	66.78	ng	-0.01
78) Terphenyl-d14	12.83	244	1179541	67.63	ng	0.00

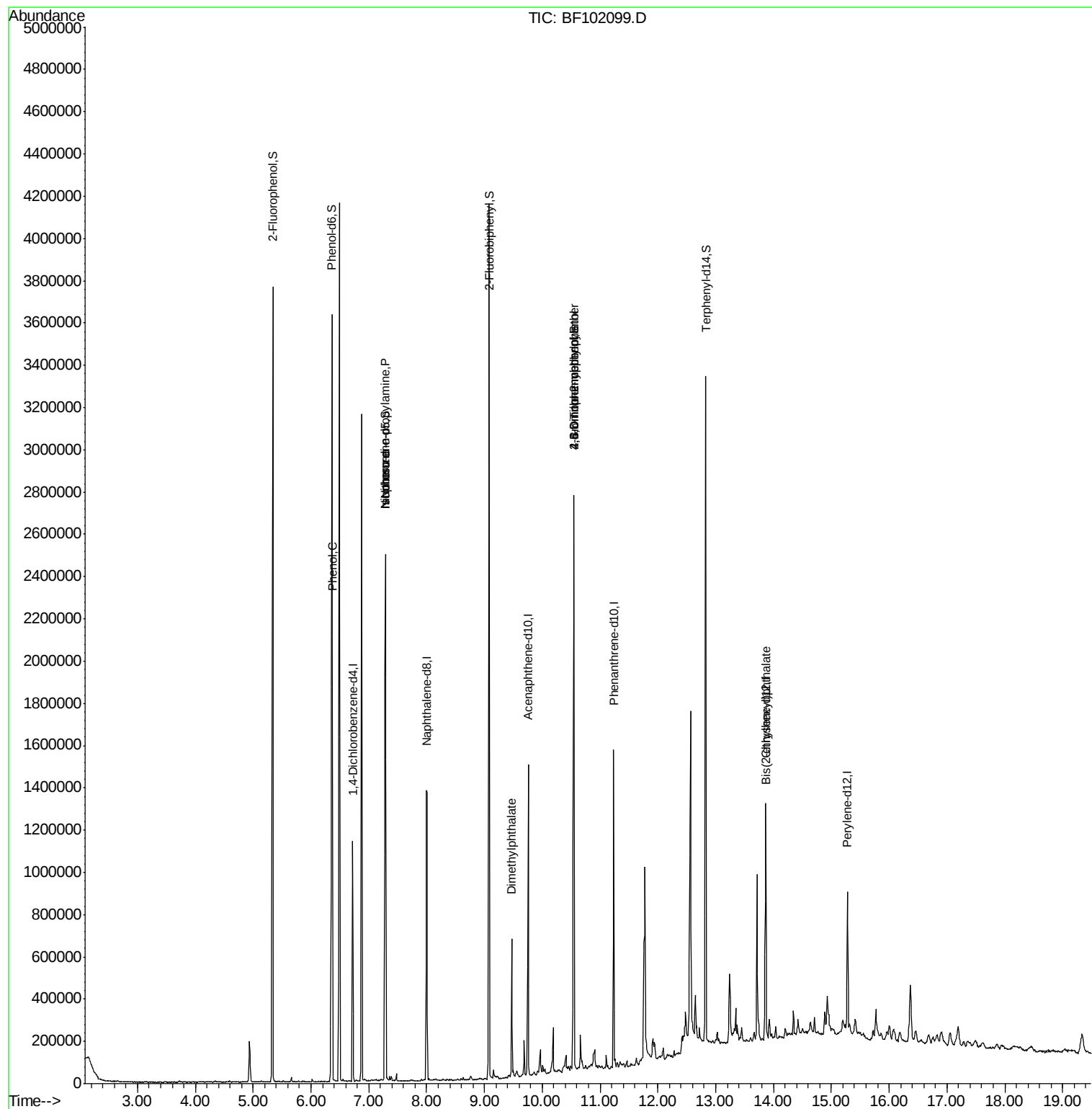
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	46303	3.060	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	123097	14.028	ng	# 79
25) Isophorone	7.29	82	899226	40.320	ng	# 64
49) Dimethylphthalate	9.47	163	238742	9.805	ng	99
64) 4,6-Dinitro-2-methylphenol	10.54	198	708	5.882	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	20224	3.668	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.86	149	97392	5.779	ng	99

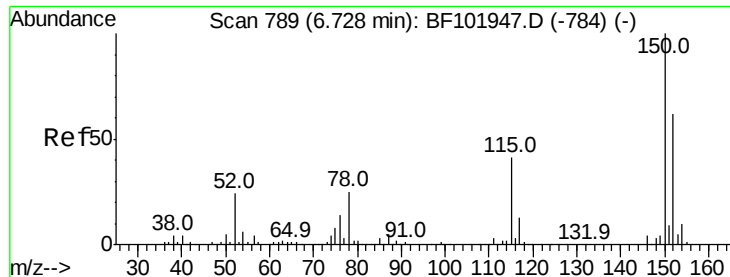
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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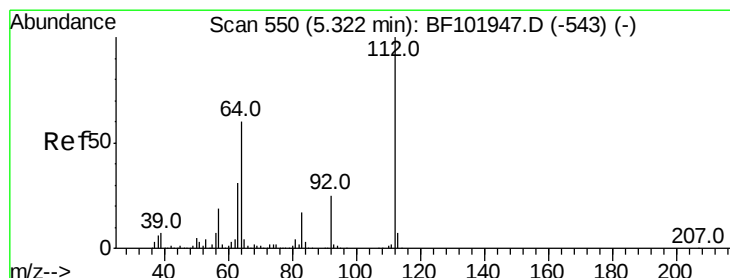
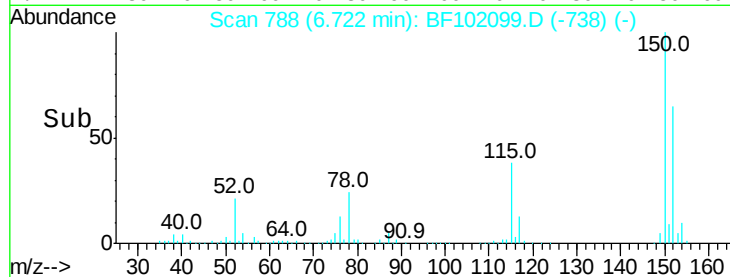
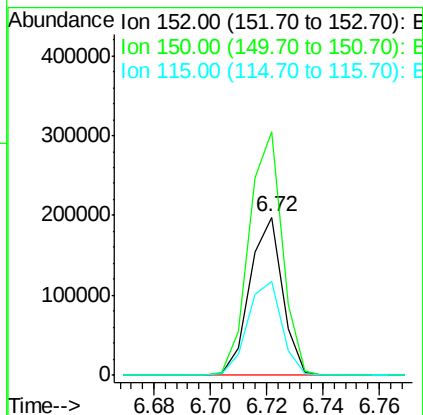
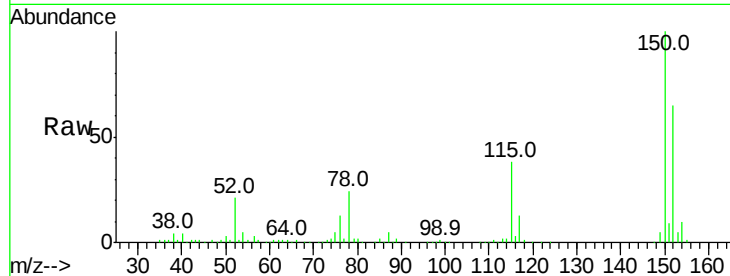


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Instrument :
BNA_F
ClientSampleId :

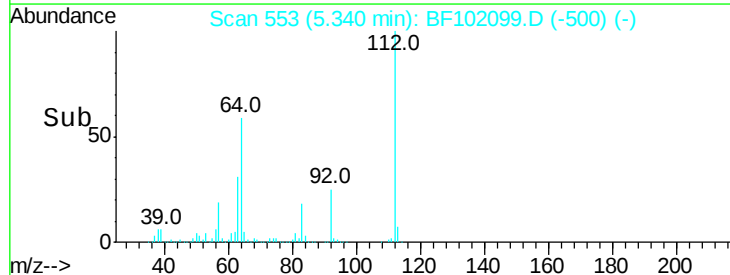
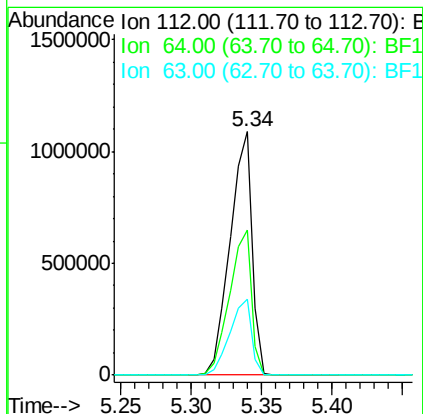
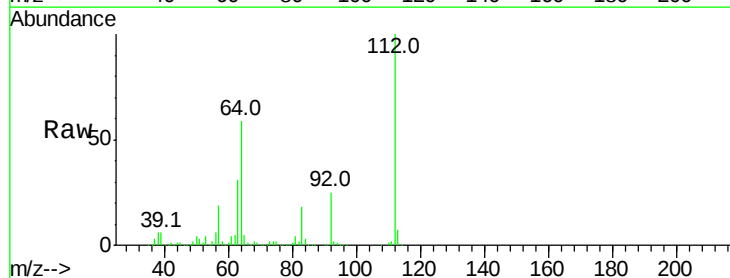
Tot Ion:152 Resp: 158483
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 59.0 50.1 75.1

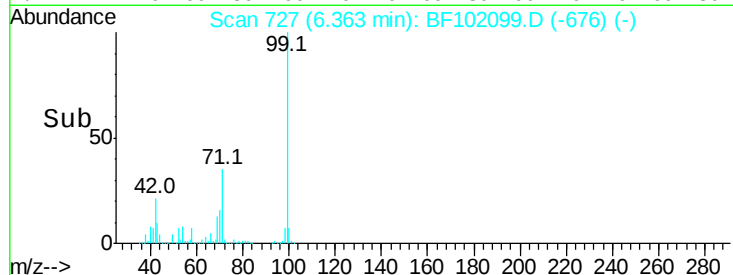
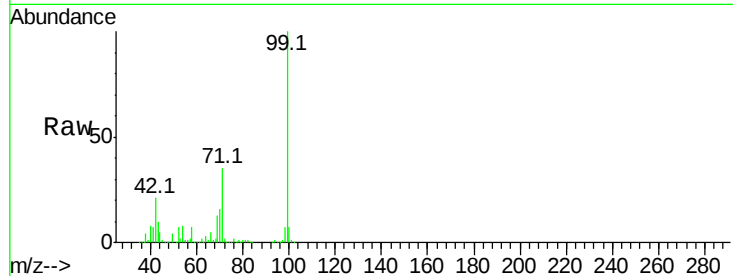
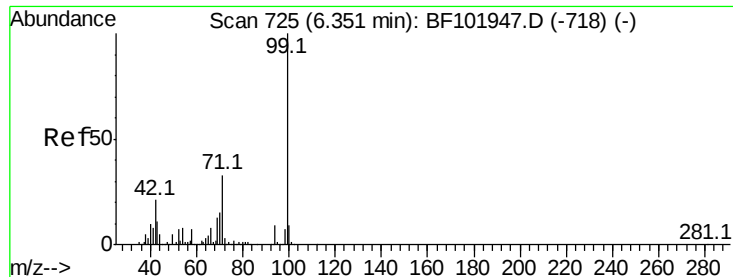


#5

2-Fluorophenol
Concen: 104.900 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Tgt Ion:112 Resp: 1177325
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 31.0 23.7 35.5





#7

Phenol-d6

Concen: 106.144 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102099.D

Acq: 16 Jan 2018 10:40

Instrument :

BNA_F

ClientSampleId :

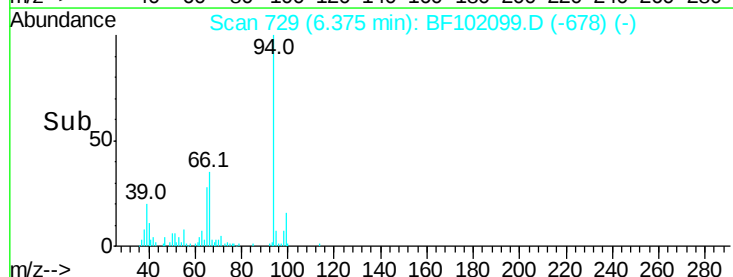
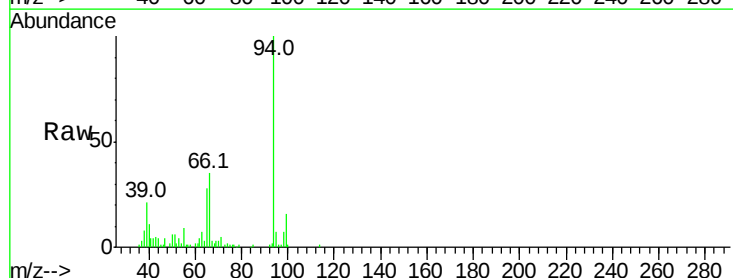
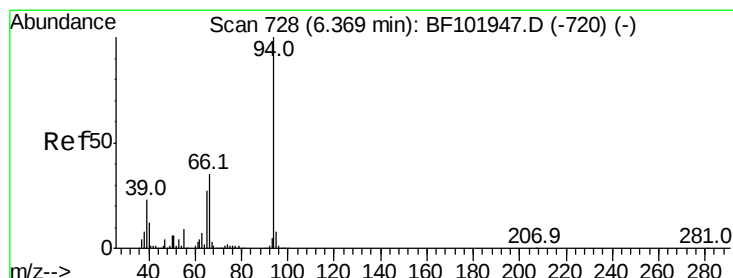
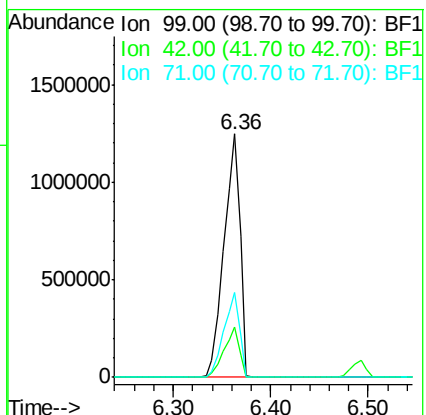
Tot Ion: 99 Resp: 1421333

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

71 35.0 25.4 38.0



#10

Phenol

Concen: 3.060 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102099.D

Acq: 16 Jan 2018 10:40

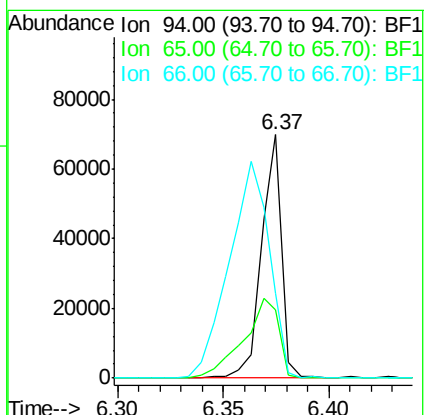
Tgt Ion: 94 Resp: 46303

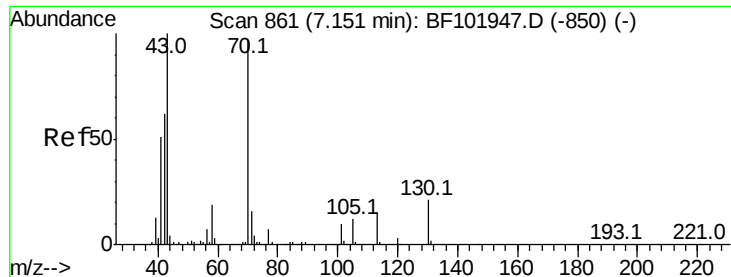
Ion Ratio Lower Upper

94 100

65 27.9 7.9 47.9

66 34.8 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 14.028 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102099.D

Acq: 16 Jan 2018 10:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 123097

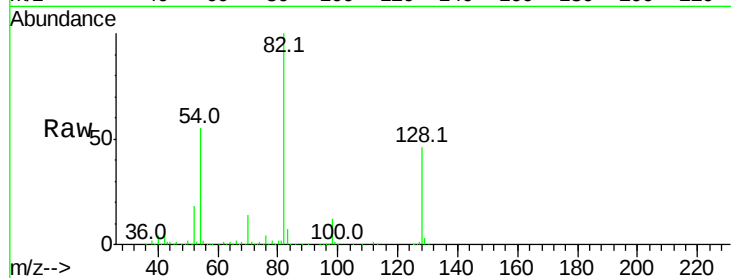
Ion Ratio Lower Upper

70 100

42 48.9 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

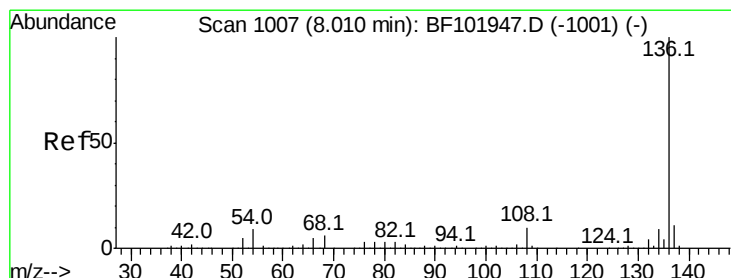
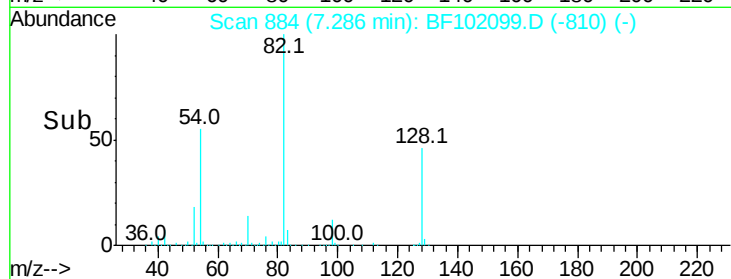
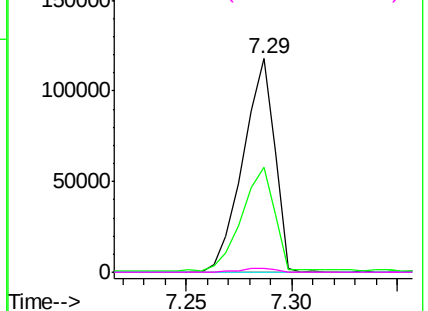


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF102099.D

Acq: 16 Jan 2018 10:40

Tgt Ion: 136 Resp: 663273

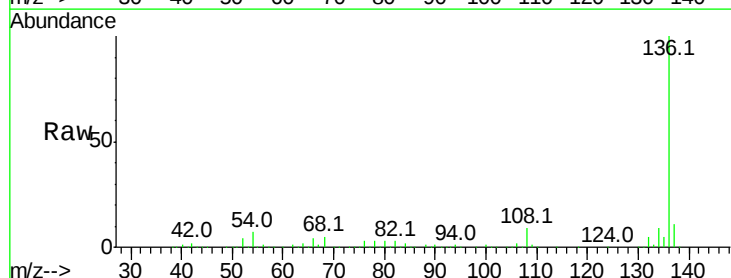
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.2 6.6 9.8

68 4.7 5.0 7.4#

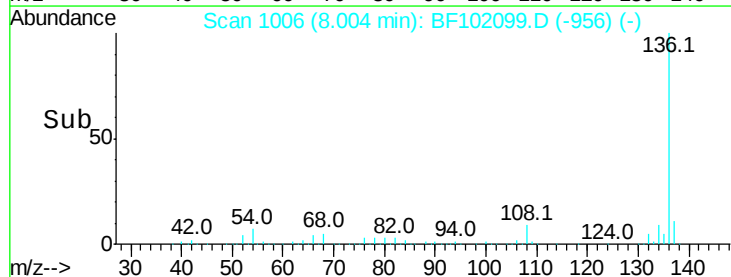
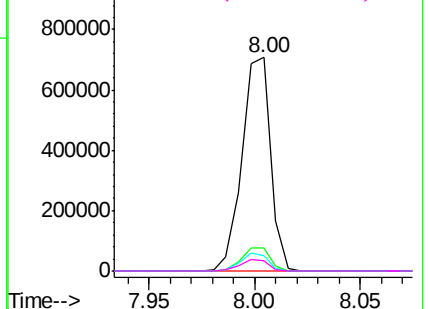


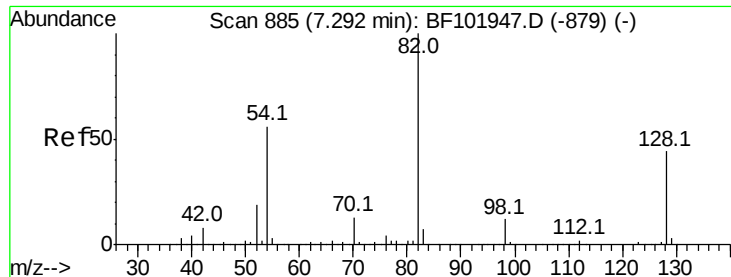
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

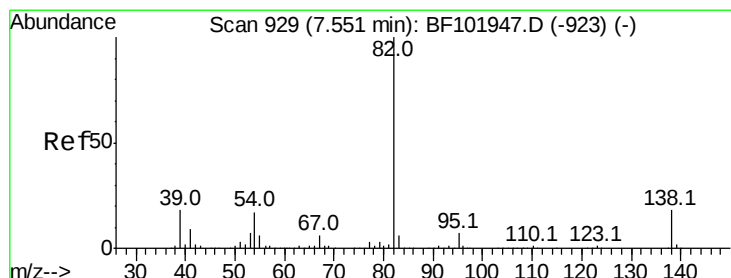
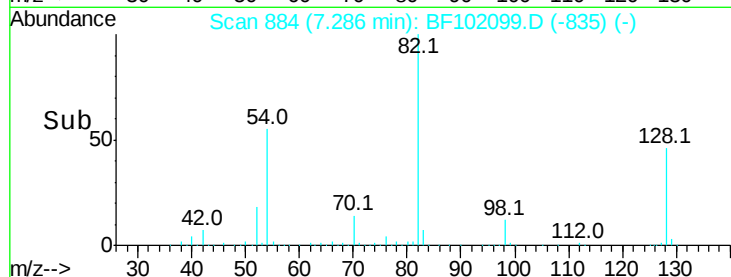
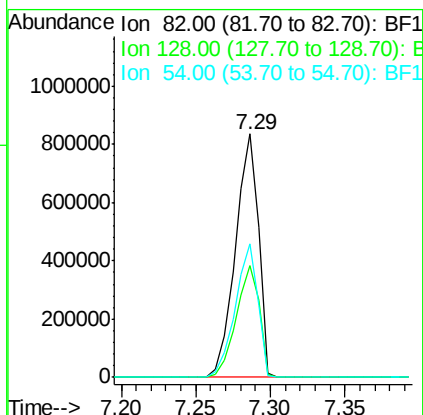
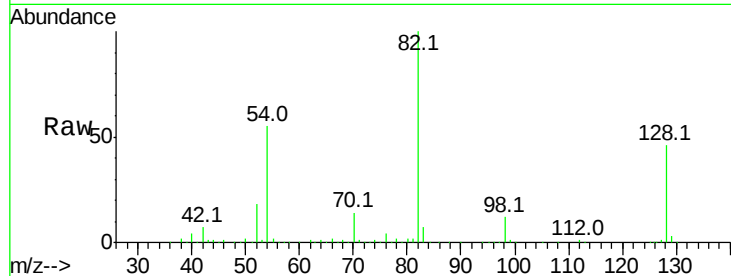




#23
Nitrobenzene-d5
Concen: 79.727 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

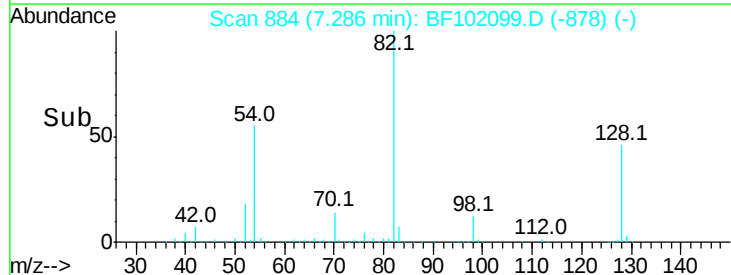
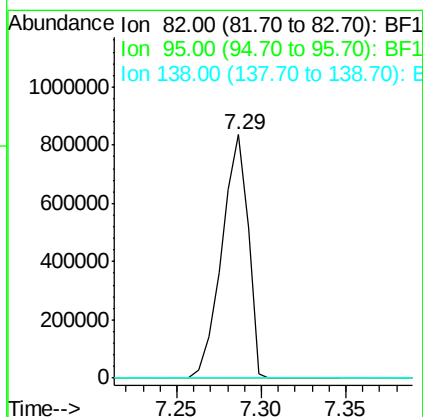
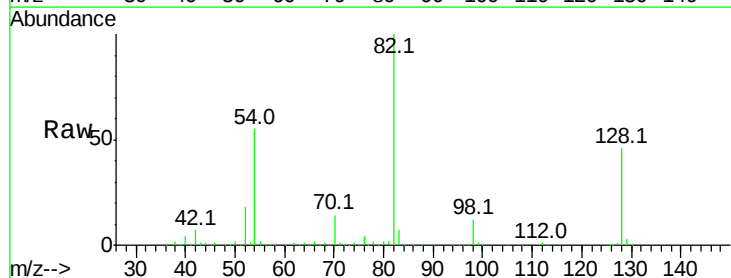
Instrument :
BNA_F
ClientSampleId :

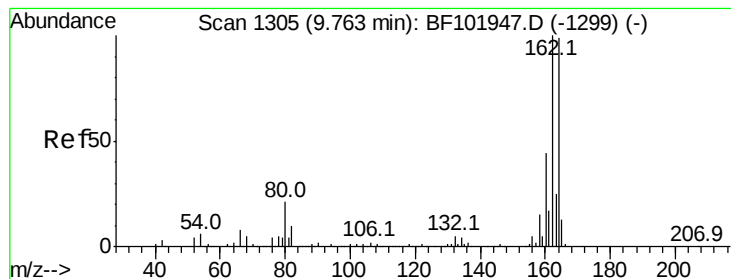
Tot Ion	82	Resp	899880
Ion Ratio	Lower	Upper	
82	100		
128	45.8	36.1	54.1
54	54.7	41.4	62.2



#25
Isophorone
Concen: 40.320 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Tgt Ion	82	Resp	899226
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF102099.D

Acq: 16 Jan 2018 10:40

Instrument :

BNA_F

ClientSampleId :

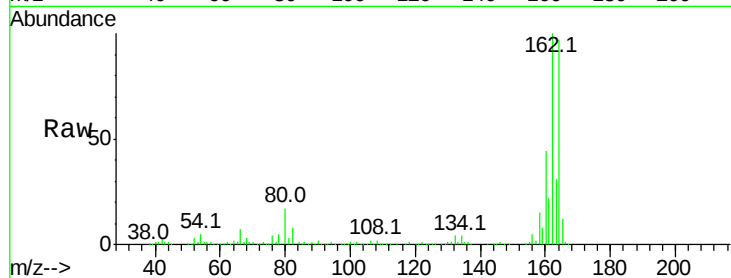
Tot Ion:164 Resp: 303526

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

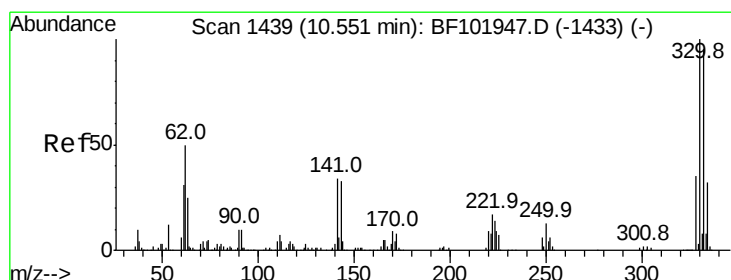
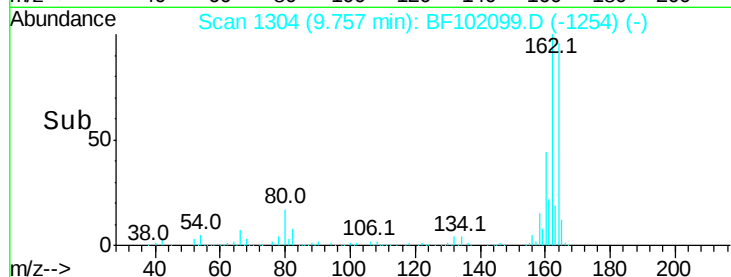
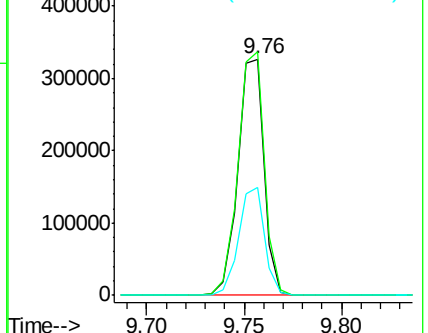
160 45.5 38.3 57.5



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: 119.942 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102099.D

Acq: 16 Jan 2018 10:40

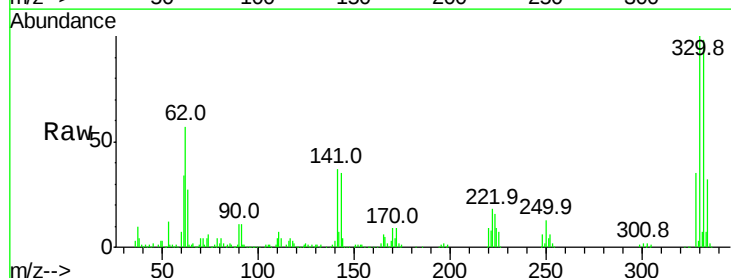
Tgt Ion:330 Resp: 317706

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

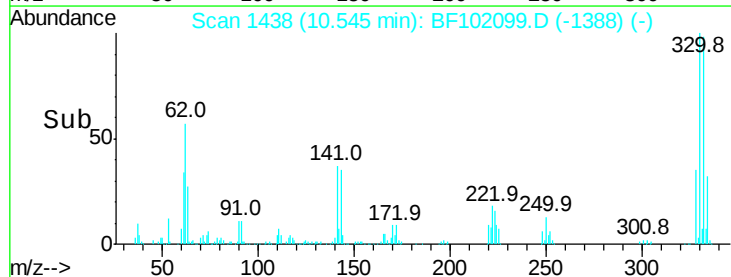
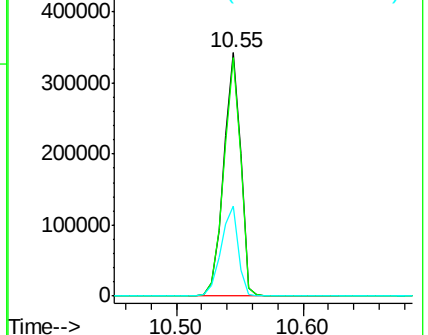
141 38.1 29.9 44.9

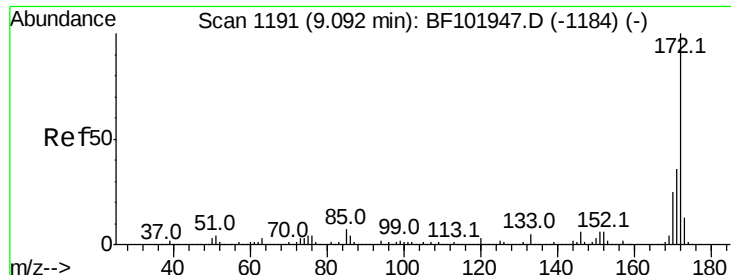


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

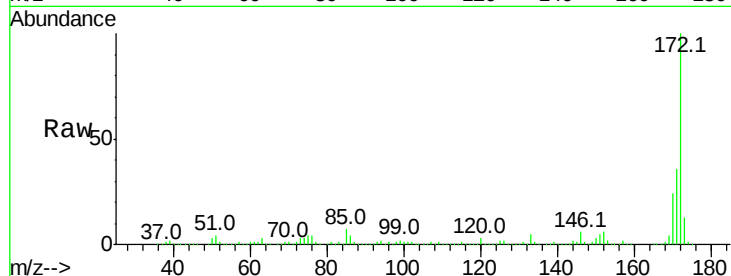




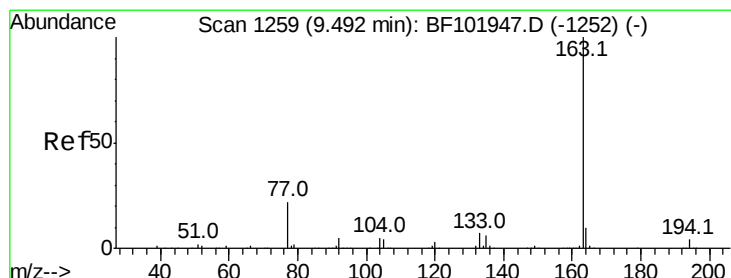
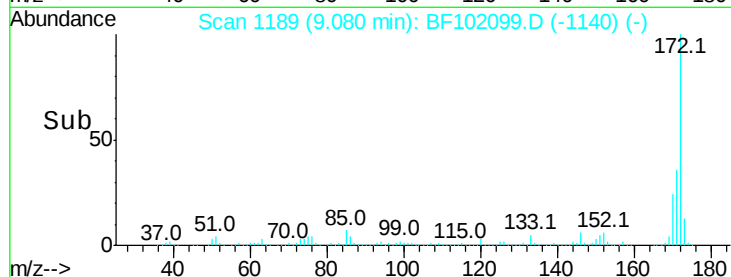
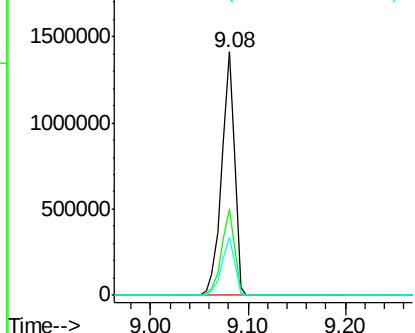
#44
2-Fluorobiphenyl
Concen: 66.778 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1297406
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.7 19.6 29.4

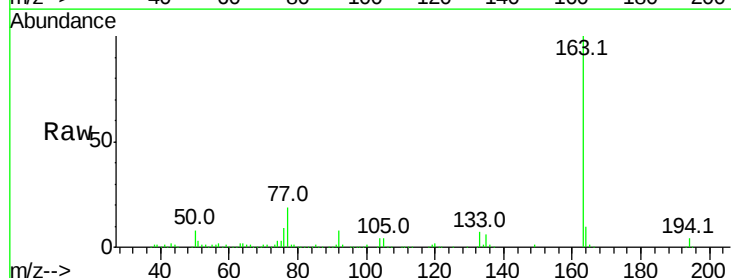


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

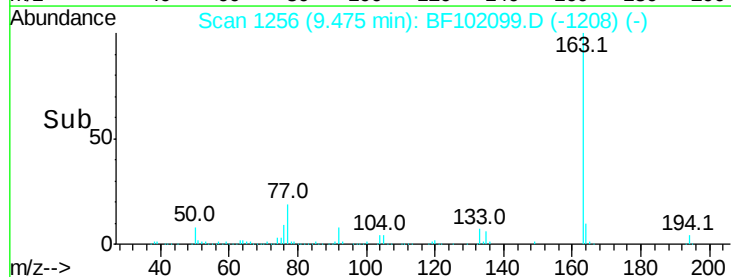
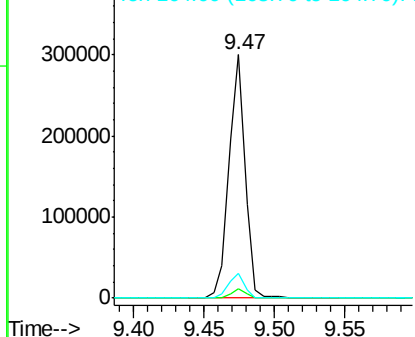


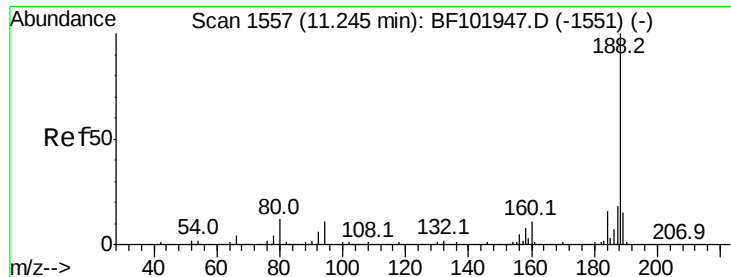
#49
Dimethylphthalate
Concen: 9.805 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Tgt Ion:163 Resp: 238742
Ion Ratio Lower Upper
163 100
194 3.6 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

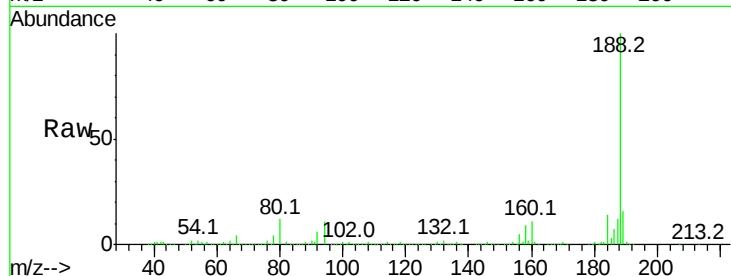




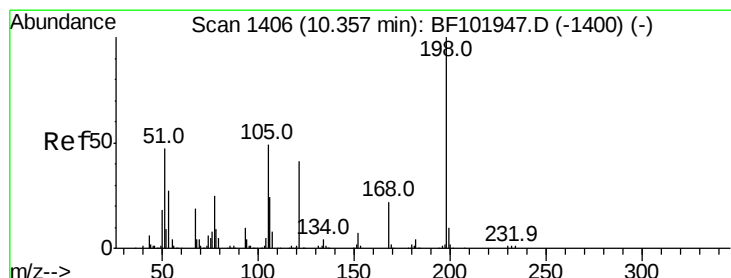
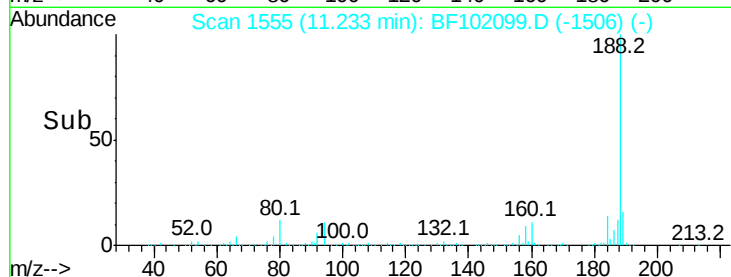
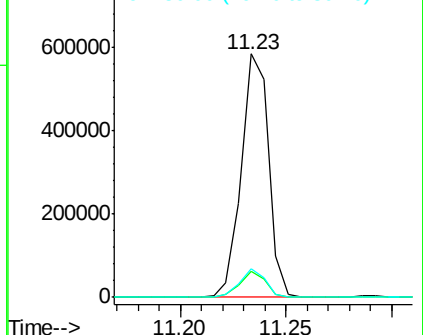
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 522138
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.8 9.2 13.8

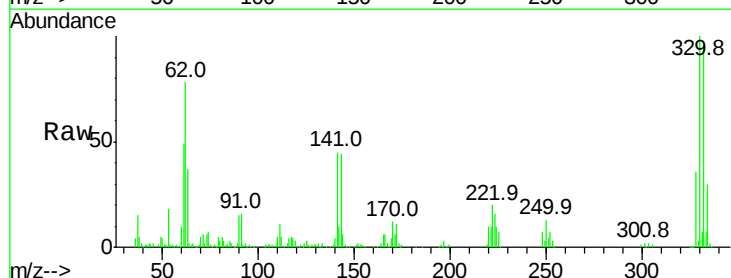


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

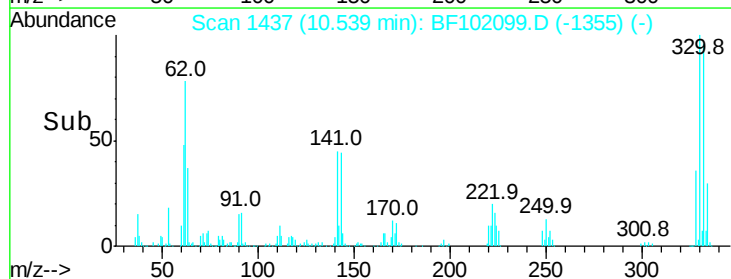
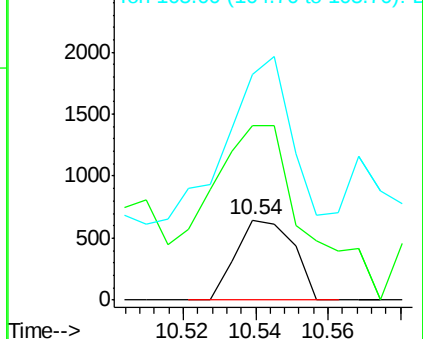


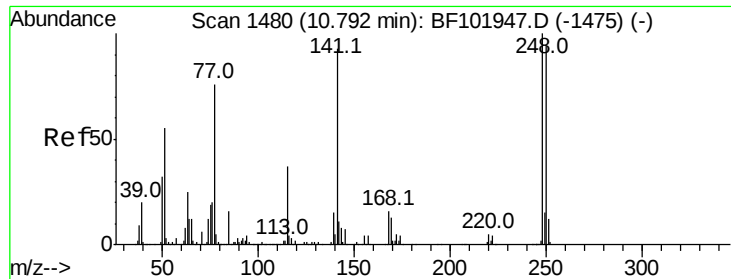
#64
4,6-Dinitro-2-methylphenol
Concen: 5.882 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Tgt Ion:198 Resp: 708
Ion Ratio Lower Upper
198 100
51 217.5 37.7 77.7#
105 281.9 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

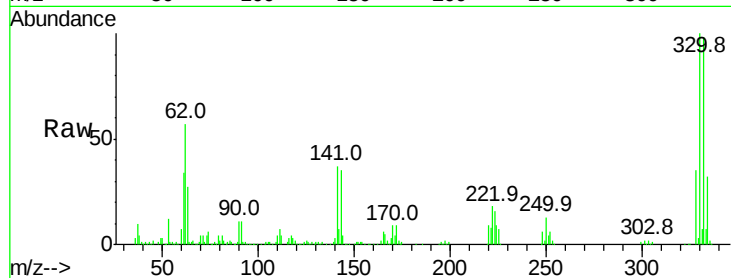




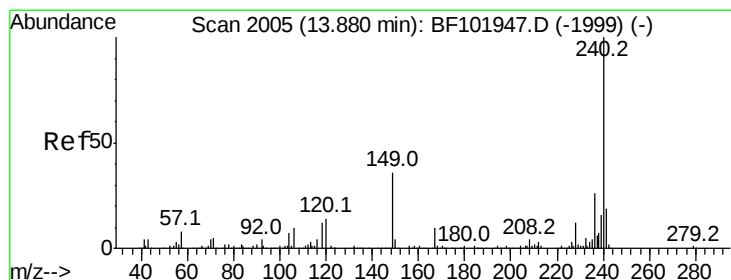
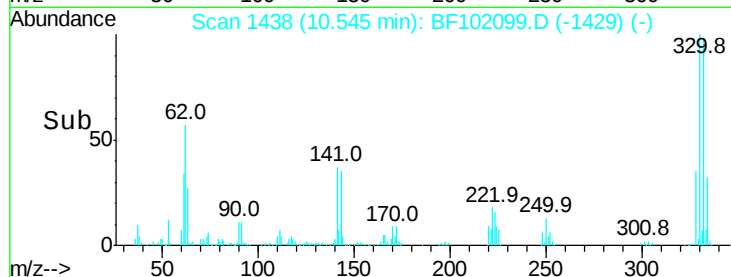
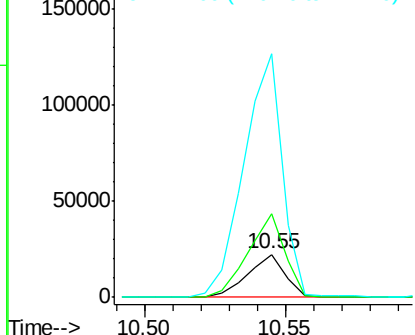
#66
4-Bromophenyl-phenylether
Concen: 3.668 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 20224
Ion Ratio Lower Upper
248 100
250 194.5 76.9 115.3#
141 569.7 74.4 111.6#

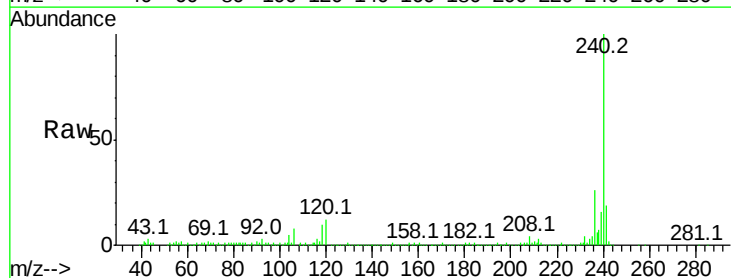


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

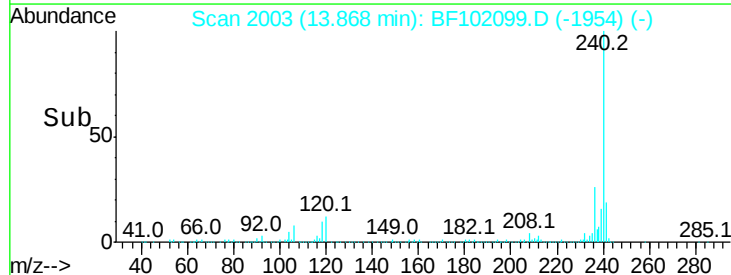
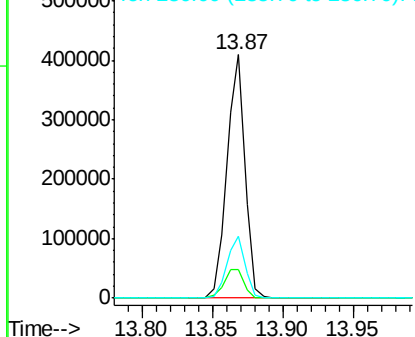


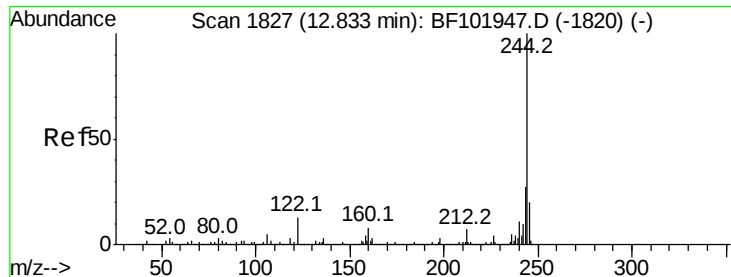
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Tgt Ion:240 Resp: 362140
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 25.6 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: 67.627 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF102099.D

Acq: 16 Jan 2018 10:40

Instrument :

BNA_F

ClientSampleId :

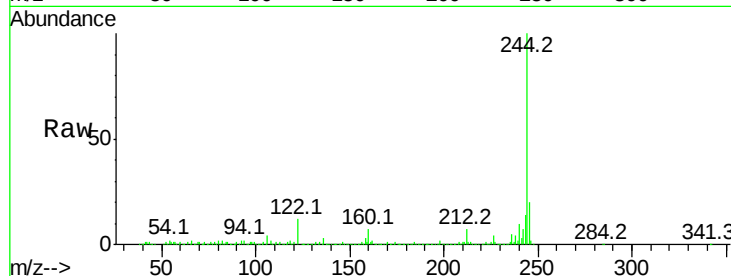
Tot Ion:244 Resp: 1179541

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

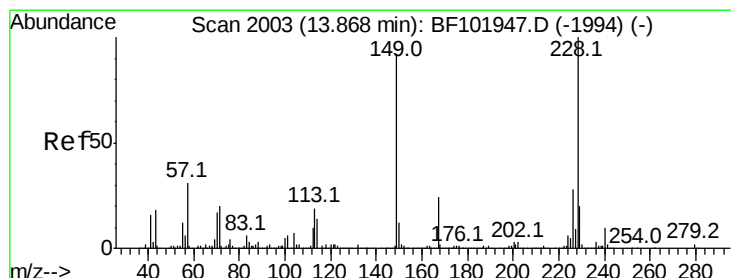
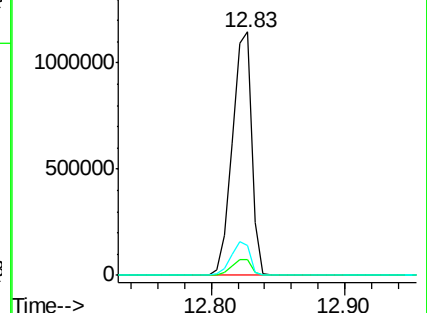
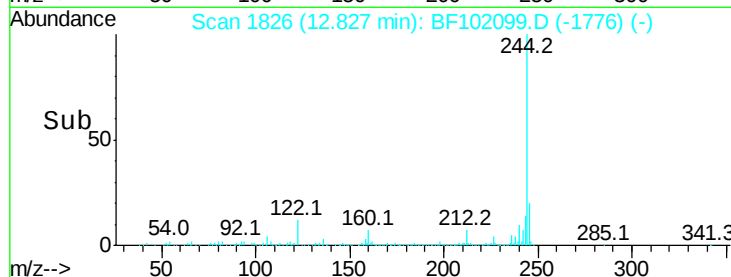
122 12.1 11.0 16.4



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: 5.779 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF102099.D

Acq: 16 Jan 2018 10:40

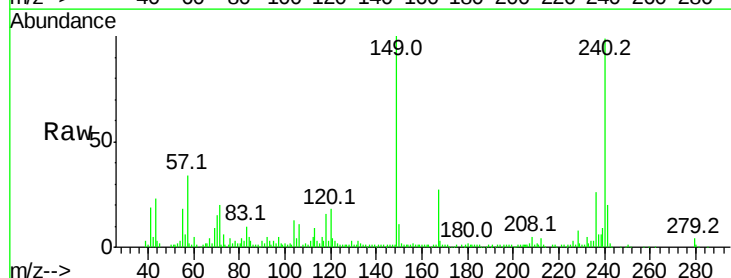
Tgt Ion:149 Resp: 97392

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

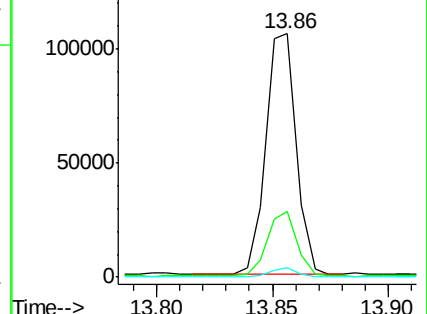
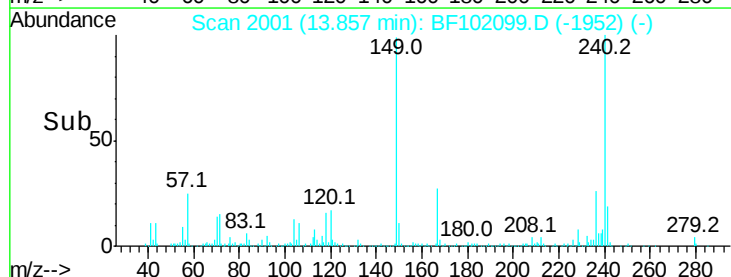
279 3.6 3.0 4.4

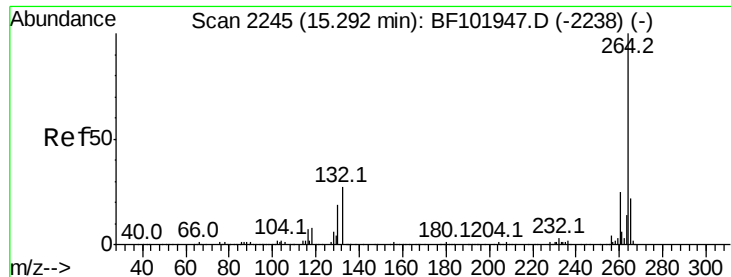


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

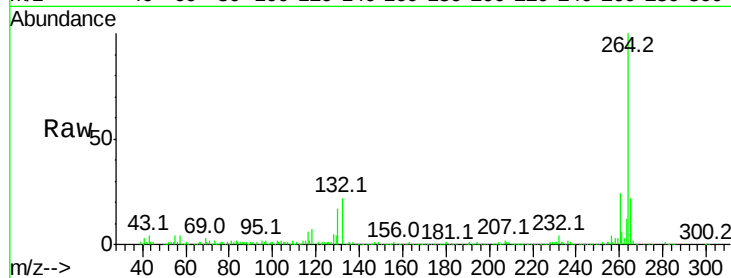




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102099.D
 Acq: 16 Jan 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	284367
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.2	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

