

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104360.D
 Acq On : 9 Apr 2018 10:01
 Operator : JU/SJ
 Sample : J2275-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 01:11:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	150939	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	620286	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	287544	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	513446	20.00	ng	0.00
75) Chrysene-d12	13.97	240	358109	20.00	ng	0.00
86) Perylene-d12	15.42	264	320836	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	939876	95.21	ng	0.01
7) Phenol-d6	6.43	99	1165831	96.12	ng	0.00
23) Nitrobenzene-d5	7.37	82	708028	74.53	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	288873	96.85	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1128768	62.01	ng	0.00
78) Terphenyl-d14	12.92	244	1062197	67.62	ng	0.00

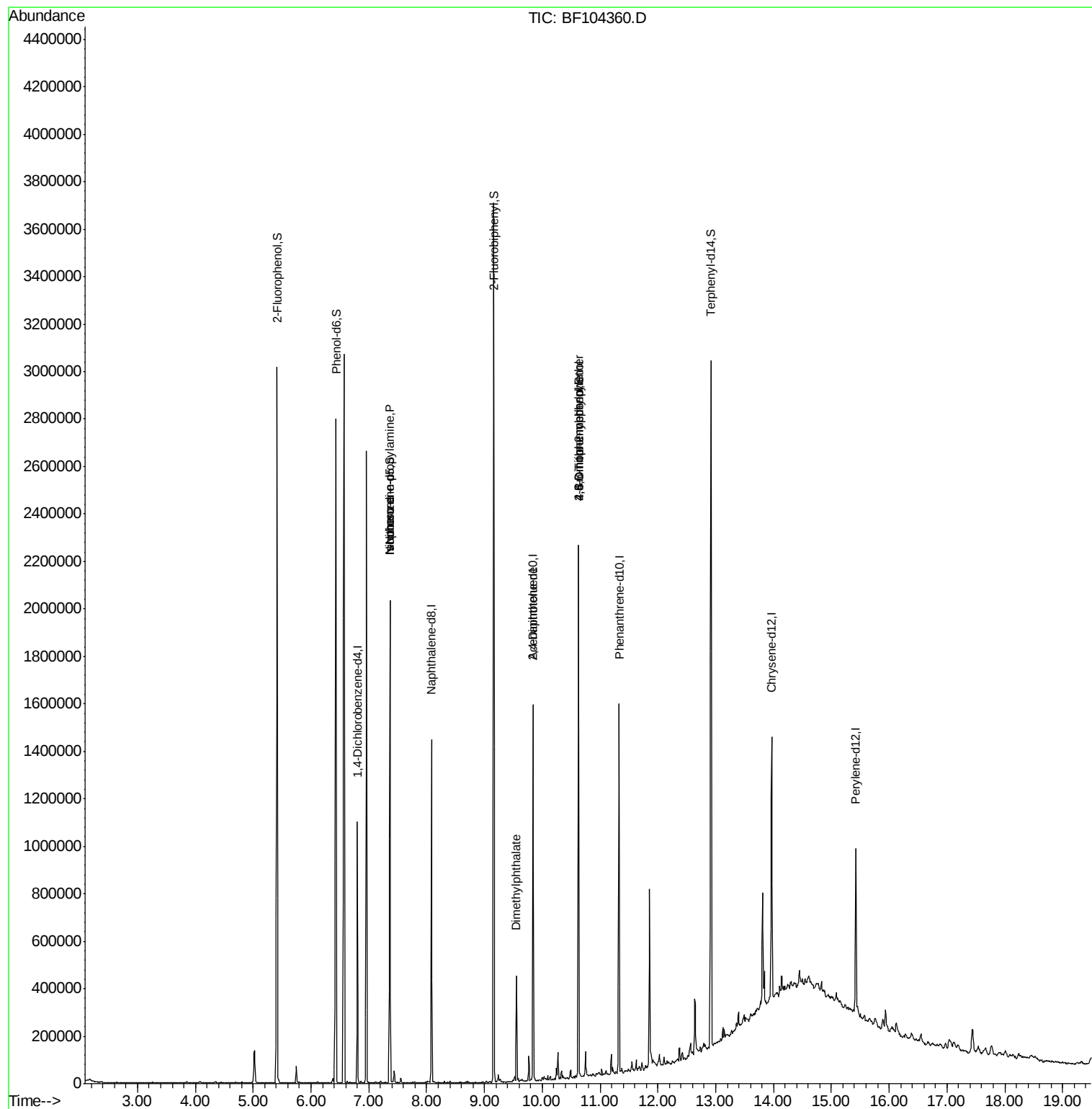
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	1734	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.37	70	92542	11.676	ng	# 72
25) Isophorone	7.37	82	707604	35.226	ng	# 64
49) Dimethylphthalate	9.55	163	170331	7.512	ng	# 99
56) 2,4-Dinitrotoluene	9.84	165	37178	6.755	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	519	7.523	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	17636	3.229	ng	# 1
76) Benzydine	12.92	184	14316	Below Cal		96

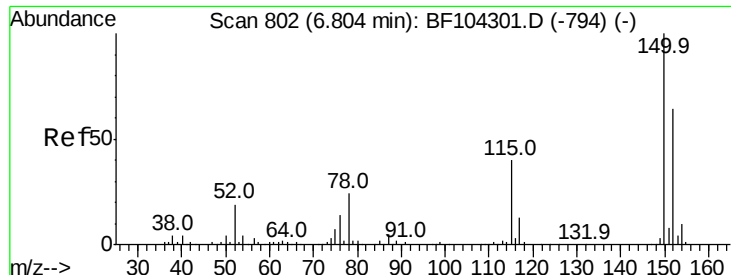
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF104360.D

Acq: 9 Apr 2018 10:01

Instrument :
BNA_F
ClientSampleId :

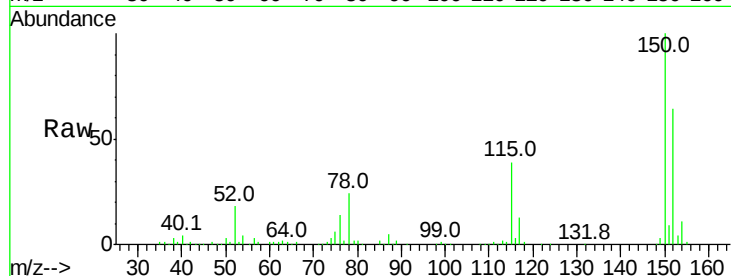
Tot Ion:152 Resp: 150939

Ion Ratio Lower Upper

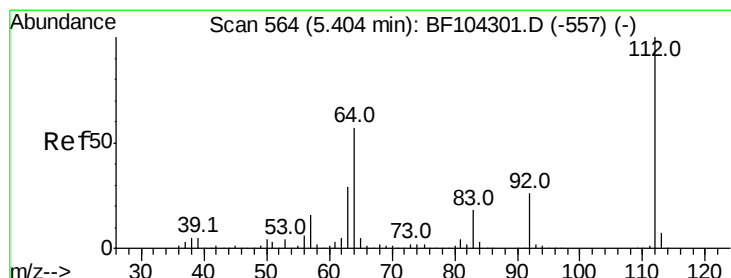
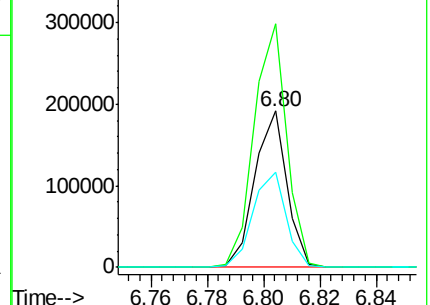
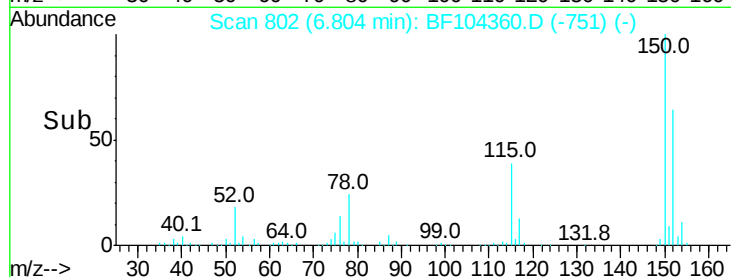
152 100

150 155.7 124.6 186.8

115 61.1 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: 95.212 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF104360.D

Acq: 9 Apr 2018 10:01

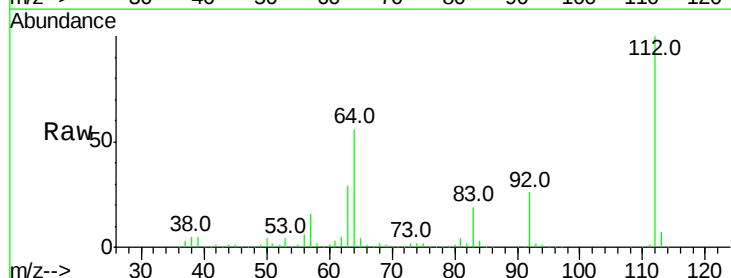
Tgt Ion:112 Resp: 939876

Ion Ratio Lower Upper

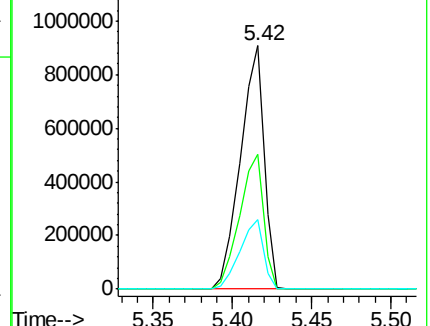
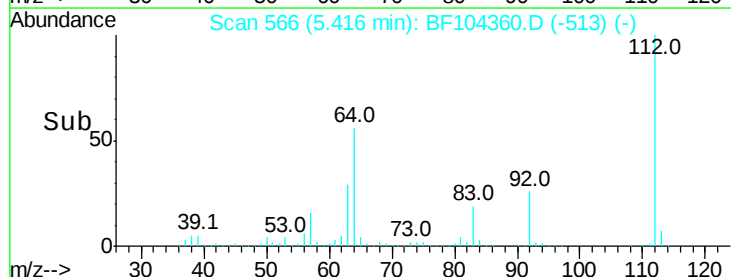
112 100

64 55.6 47.9 71.9

63 28.6 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: 96.121 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104360.D

Acq: 9 Apr 2018 10:01

Instrument :

BNA_F

ClientSampled :

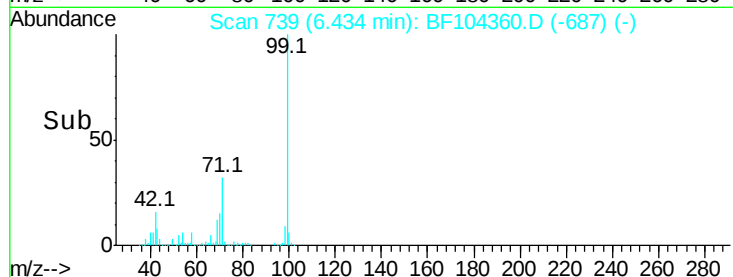
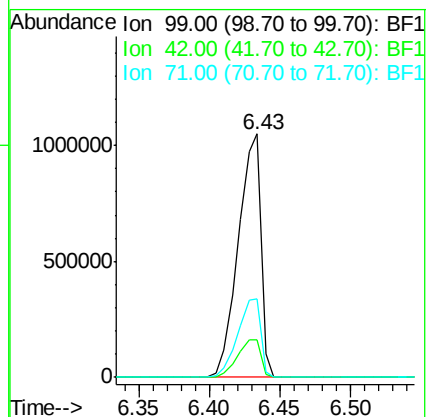
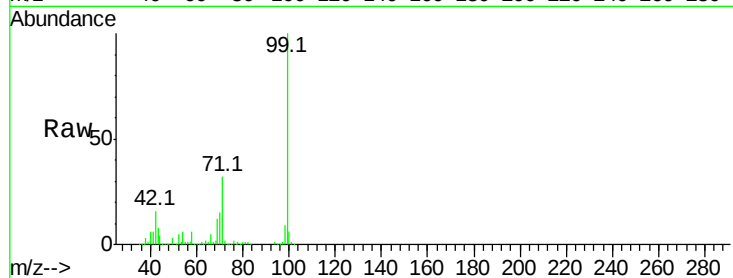
Tot Ion: 99 Resp: 1165831

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

71 32.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.676 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104360.D

Acq: 9 Apr 2018 10:01

Tgt Ion: 70 Resp: 92542

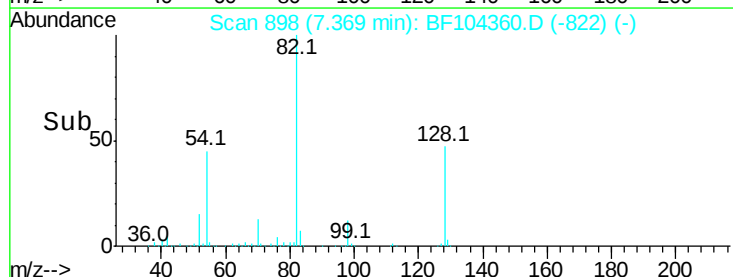
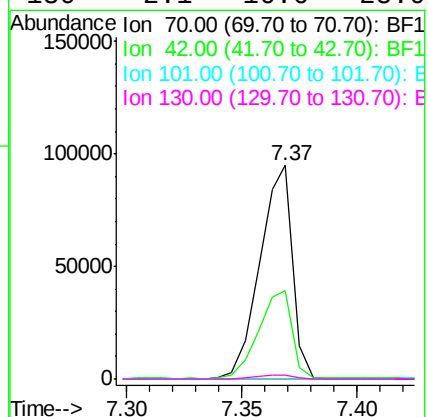
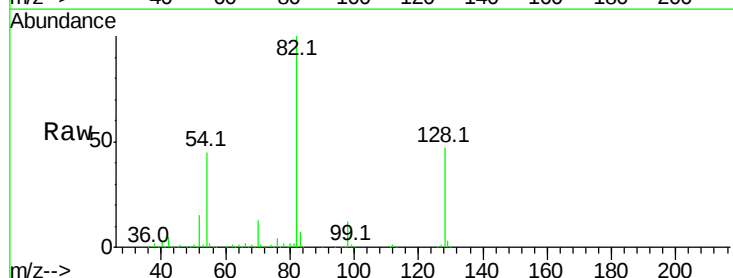
Ion Ratio Lower Upper

70 100

42 41.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF104360.D

Acq: 9 Apr 2018 10:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 620286

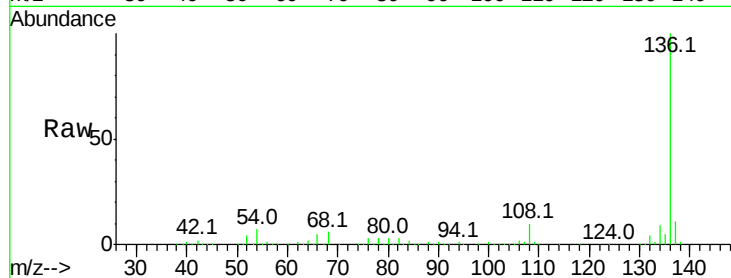
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.9 6.6 9.8

68 5.9 5.0 7.4

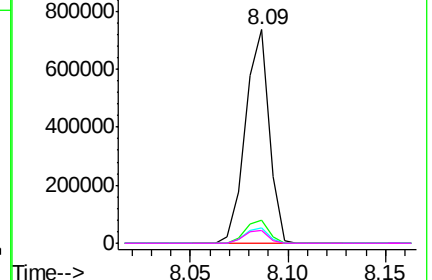
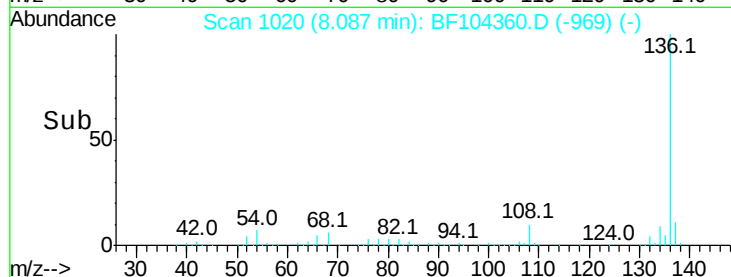


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 74.535 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF104360.D

Acq: 9 Apr 2018 10:01

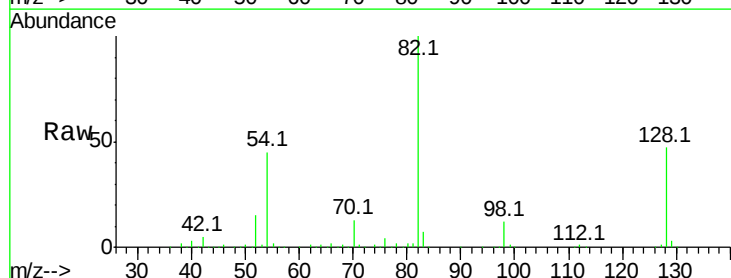
Tgt Ion: 82 Resp: 708028

Ion Ratio Lower Upper

82 100

128 47.4 36.1 54.1

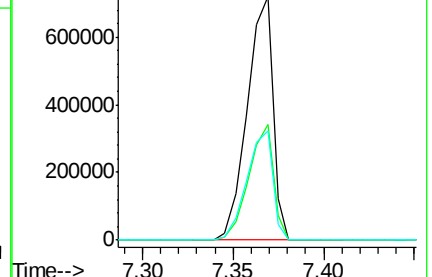
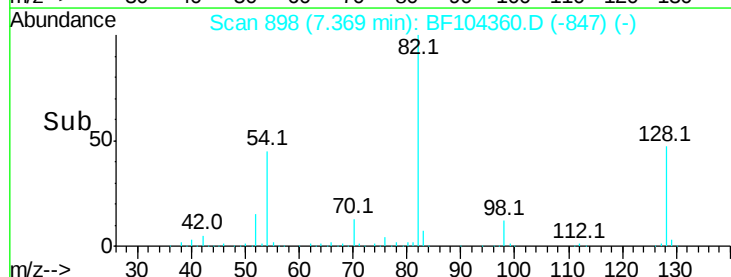
54 44.8 41.4 62.2

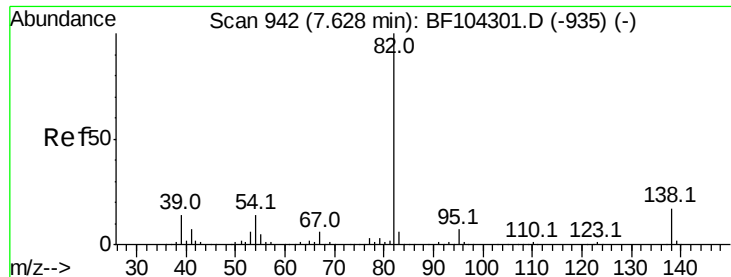


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 35.226 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104360.D

Acq: 9 Apr 2018 10:01

Instrument :

BNA_F

ClientSampleId :

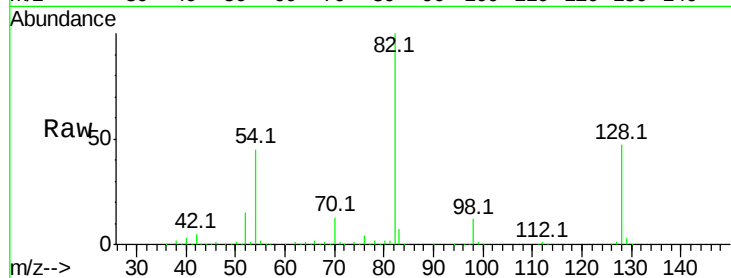
Tot Ion: 82 Resp: 707604

Ion Ratio Lower Upper

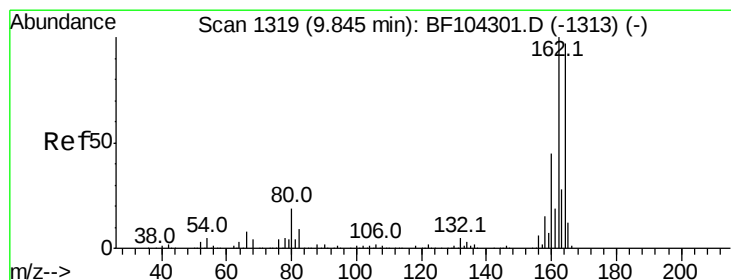
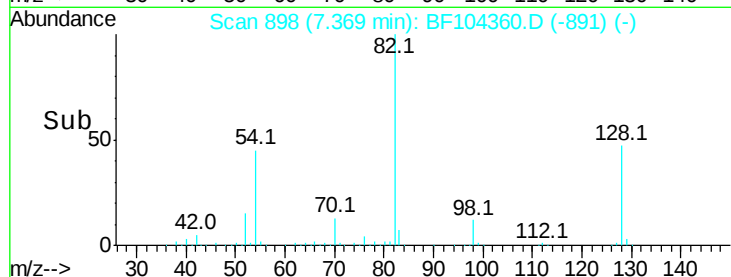
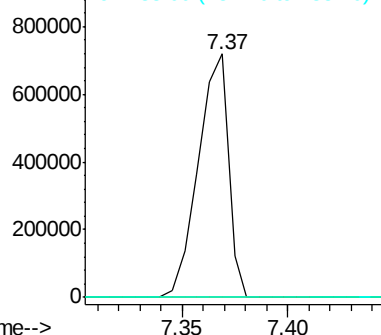
82 100

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: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104360.D

Acq: 9 Apr 2018 10:01

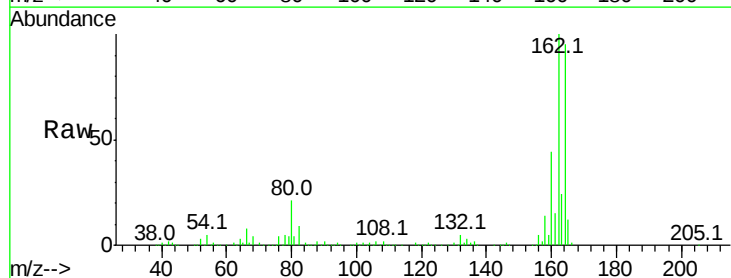
Tgt Ion:164 Resp: 287544

Ion Ratio Lower Upper

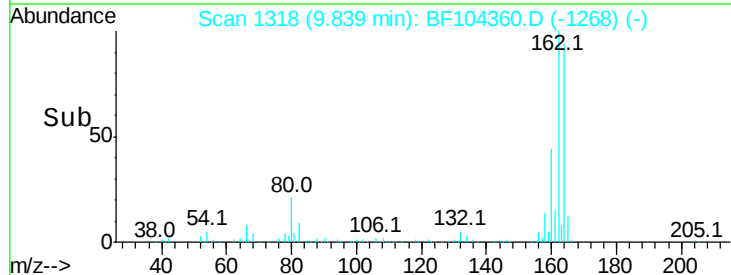
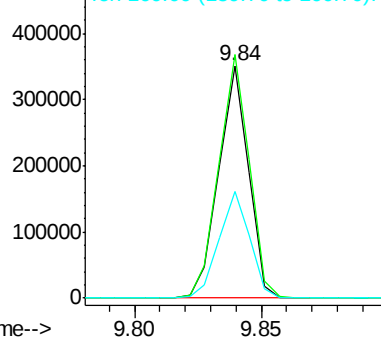
164 100

162 104.7 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

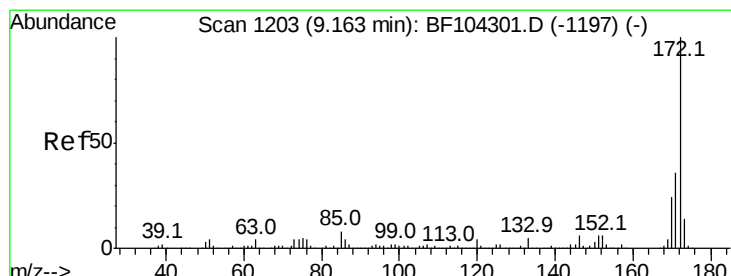
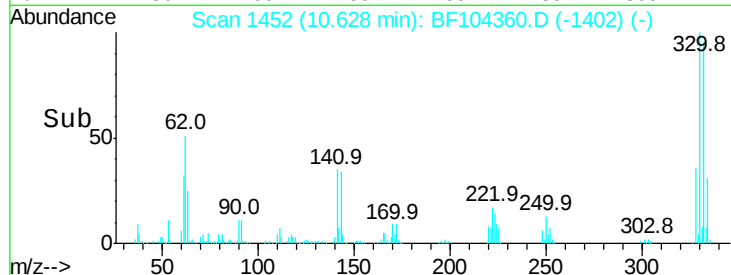
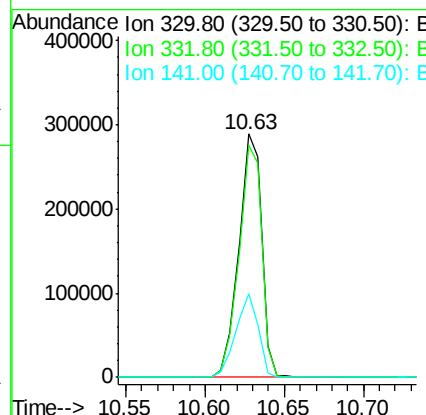
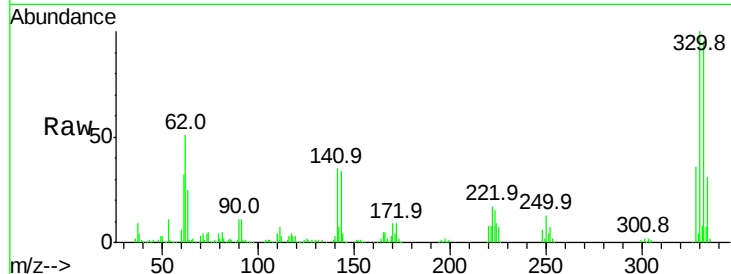




#41
 2,4,6-Tribromophenol
 Concen: 96.847 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104360.D
 Acq: 9 Apr 2018 10:01

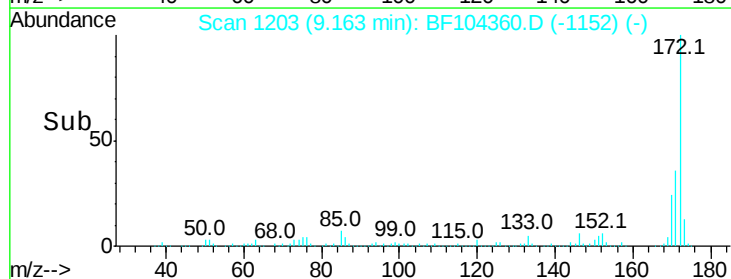
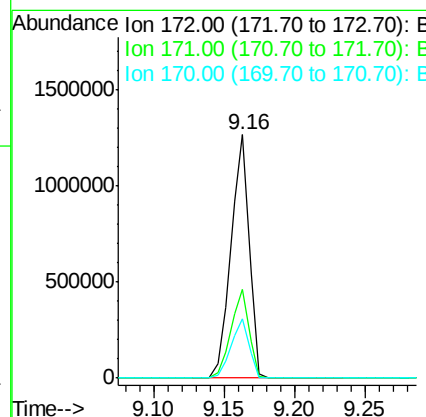
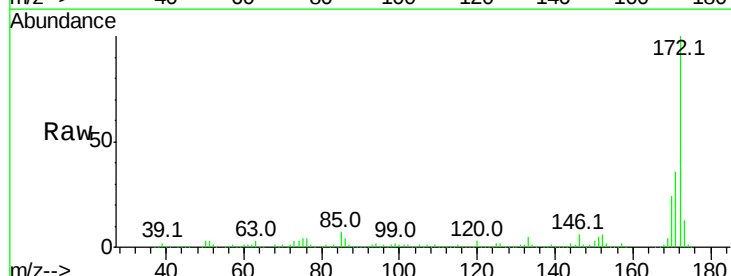
Instrument :
 BNA_F
 ClientSampleId :

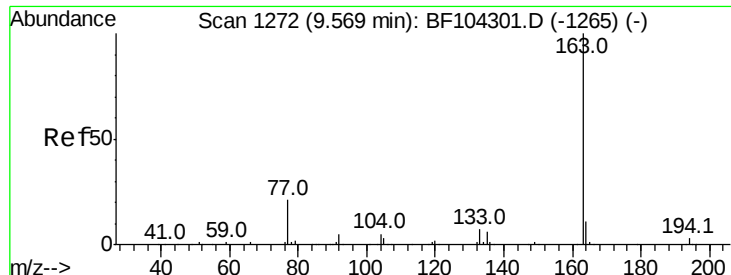
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	33.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 62.014 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104360.D
 Acq: 9 Apr 2018 10:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	19.6	29.4

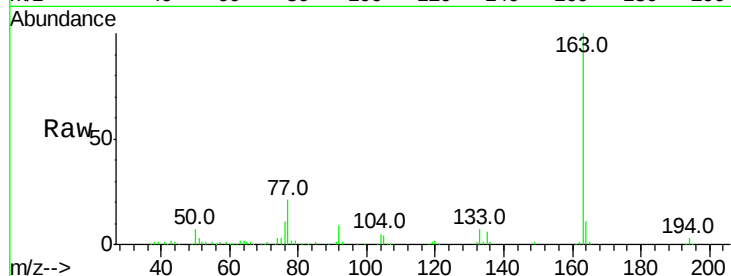




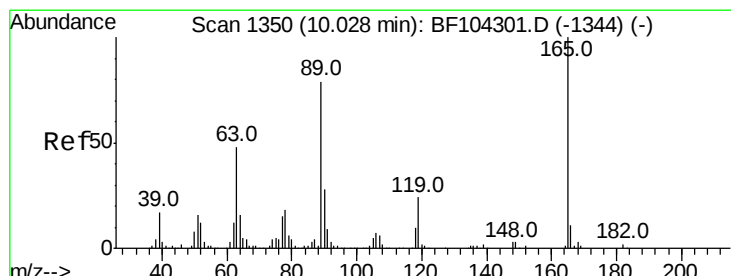
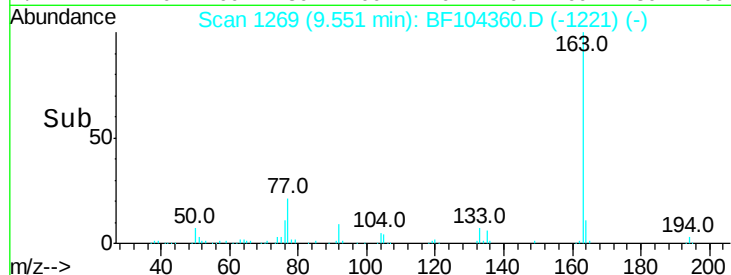
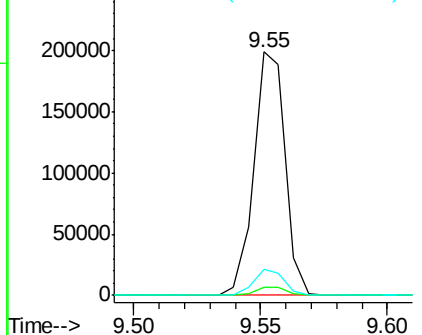
#49
Dimethylphthalate
Concen: 7.512 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104360.D
Acq: 9 Apr 2018 10:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 170331
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.5 8.2 12.2

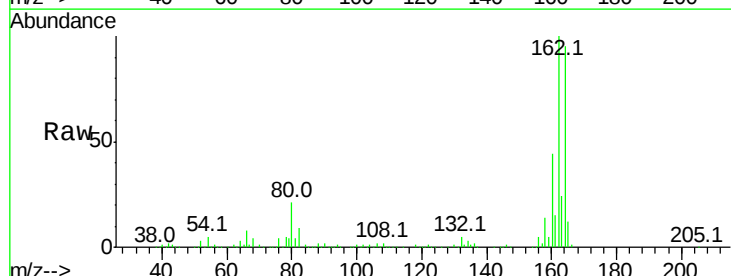


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

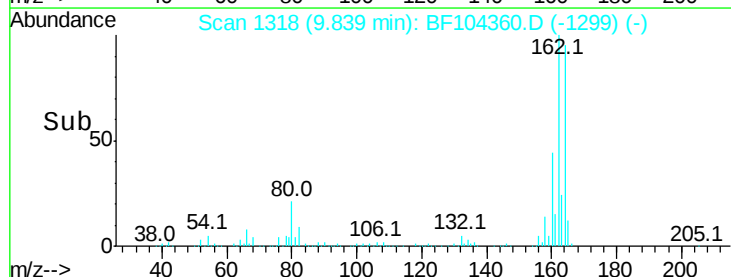
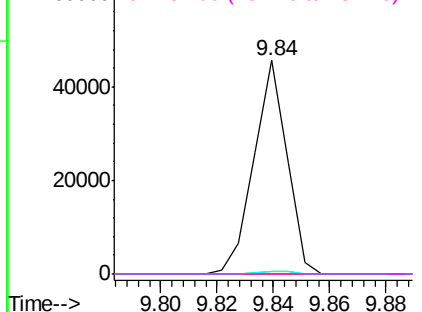


#56
2,4-Dinitrotoluene
Concen: 6.755 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.19 min
Lab File: BF104360.D
Acq: 9 Apr 2018 10:01

Tgt Ion:165 Resp: 37178
Ion Ratio Lower Upper
165 100
63 1.1 36.4 54.6#
89 1.2 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

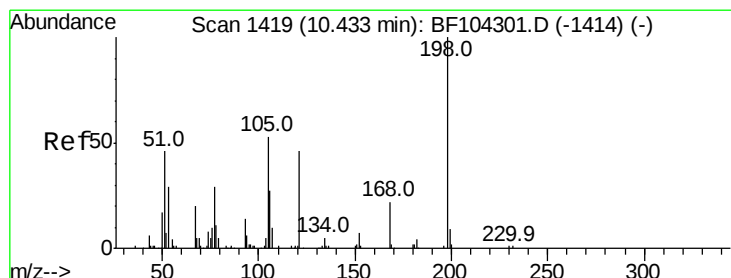
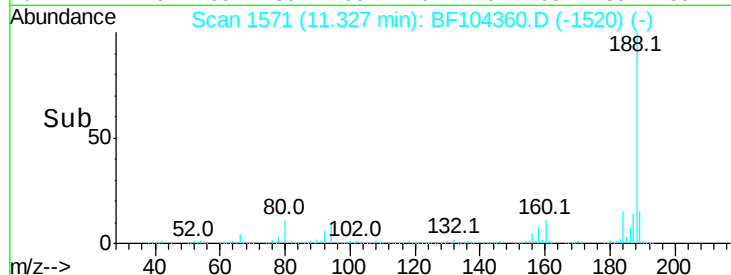
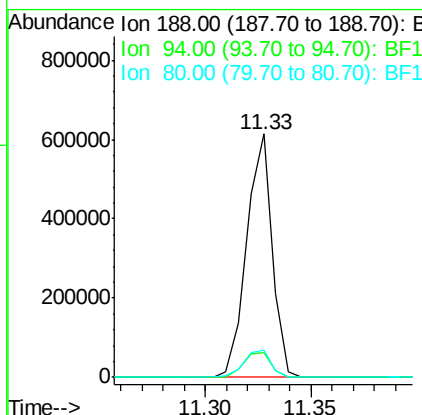
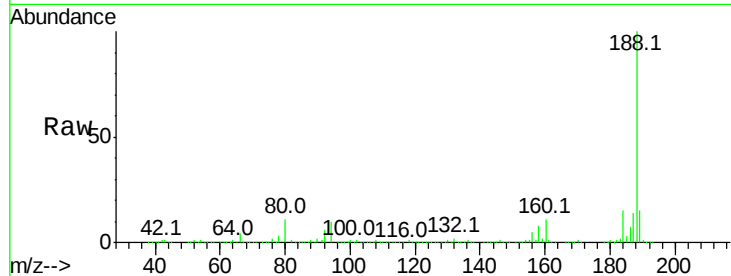




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104360.D
Acq: 9 Apr 2018 10:01

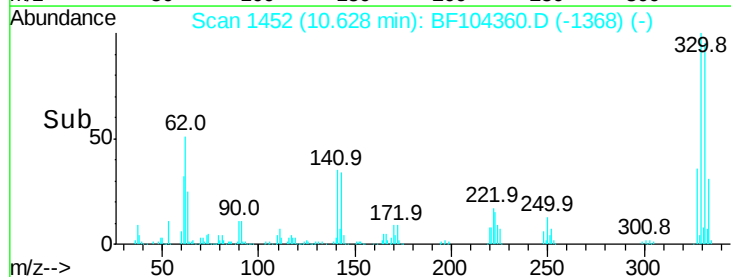
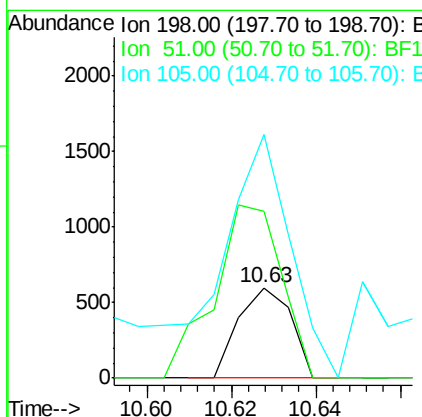
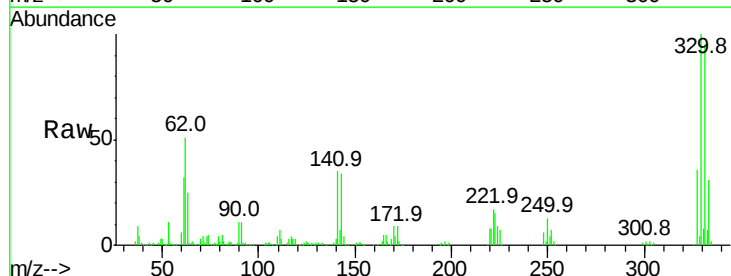
Instrument :
BNA_F
ClientSampleId :

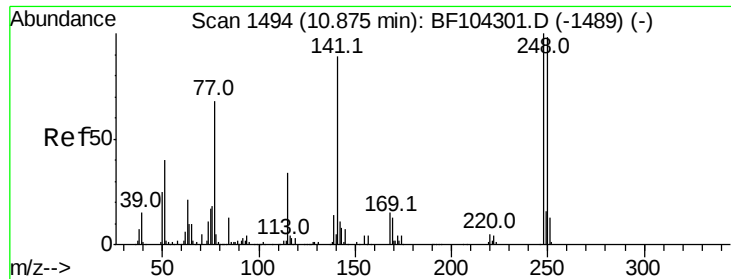
Tot Ion:188 Resp: 513446
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.523 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF104360.D
Acq: 9 Apr 2018 10:01

Tgt Ion:198 Resp: 519
Ion Ratio Lower Upper
198 100
51 184.5 37.7 77.7#
105 268.8 36.3 76.3#

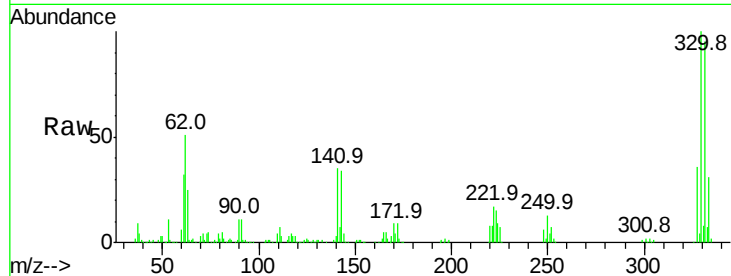




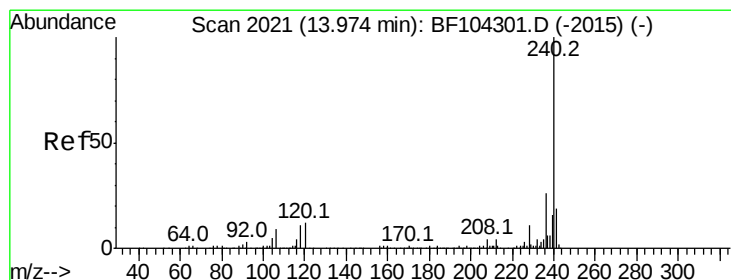
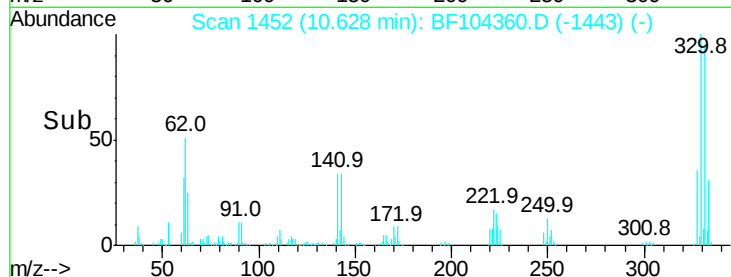
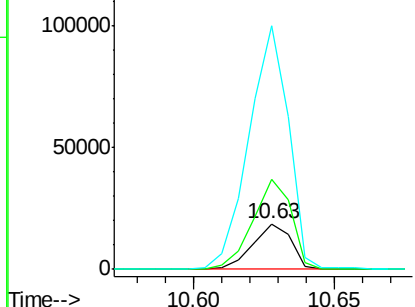
#66
 4-Bromophenyl-phenylether
 Concen: 3.229 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF104360.D
 Acq: 9 Apr 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 17636
 Ion Ratio Lower Upper
 248 100
 250 198.8 76.9 115.3#
 141 536.6 74.4 111.6#

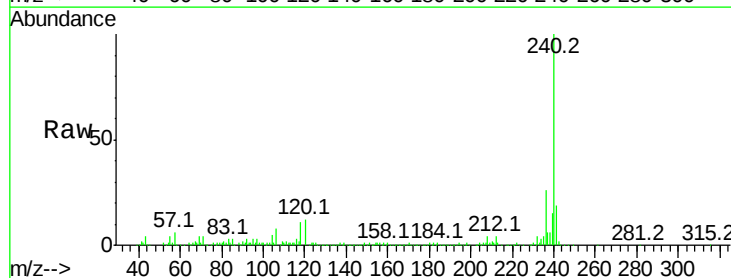


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

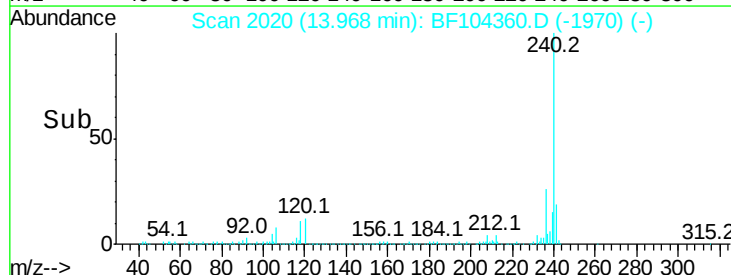
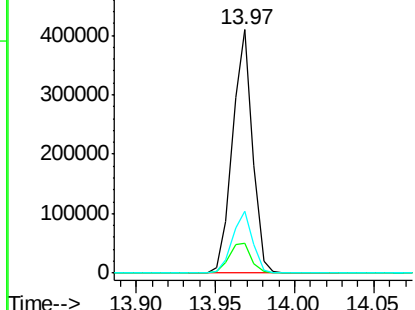


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF104360.D
 Acq: 9 Apr 2018 10:01

Tgt Ion:240 Resp: 358109
 Ion Ratio Lower Upper
 240 100
 120 12.3 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: 67.623 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104360.D

Acq: 9 Apr 2018 10:01

Instrument :

BNA_F

ClientSampleId :

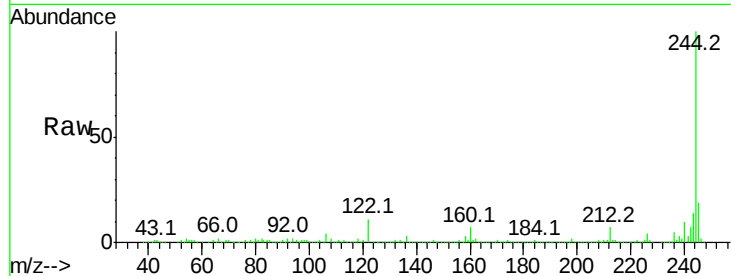
Tot Ion:244 Resp: 1062197

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

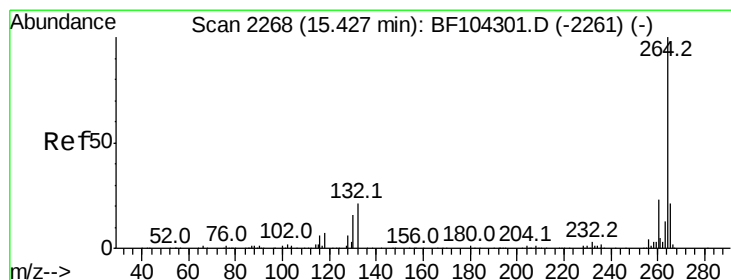
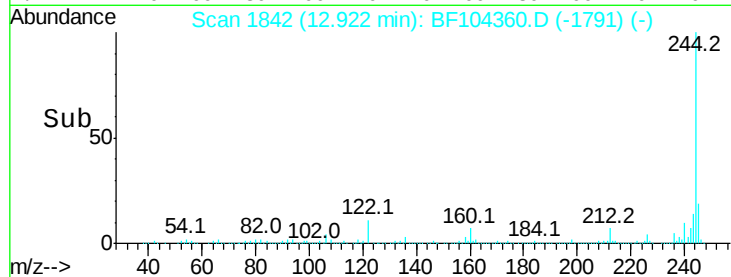
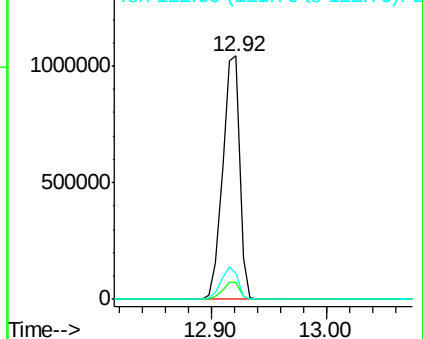
122 10.9 11.0 16.4#



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: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF104360.D

Acq: 9 Apr 2018 10:01

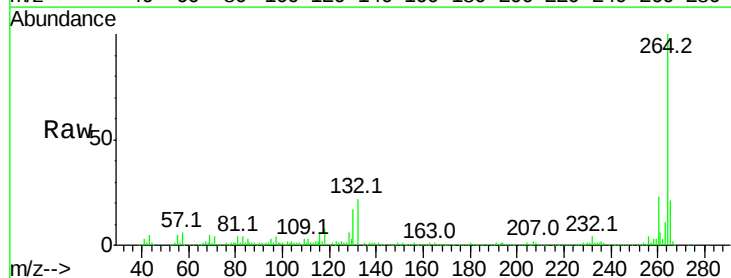
Tgt Ion:264 Resp: 320836

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.2 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

