

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104207.D
 Acq On : 4 Apr 2018 3:38
 Operator : JU/SJ
 Sample : J2182-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 05:13:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

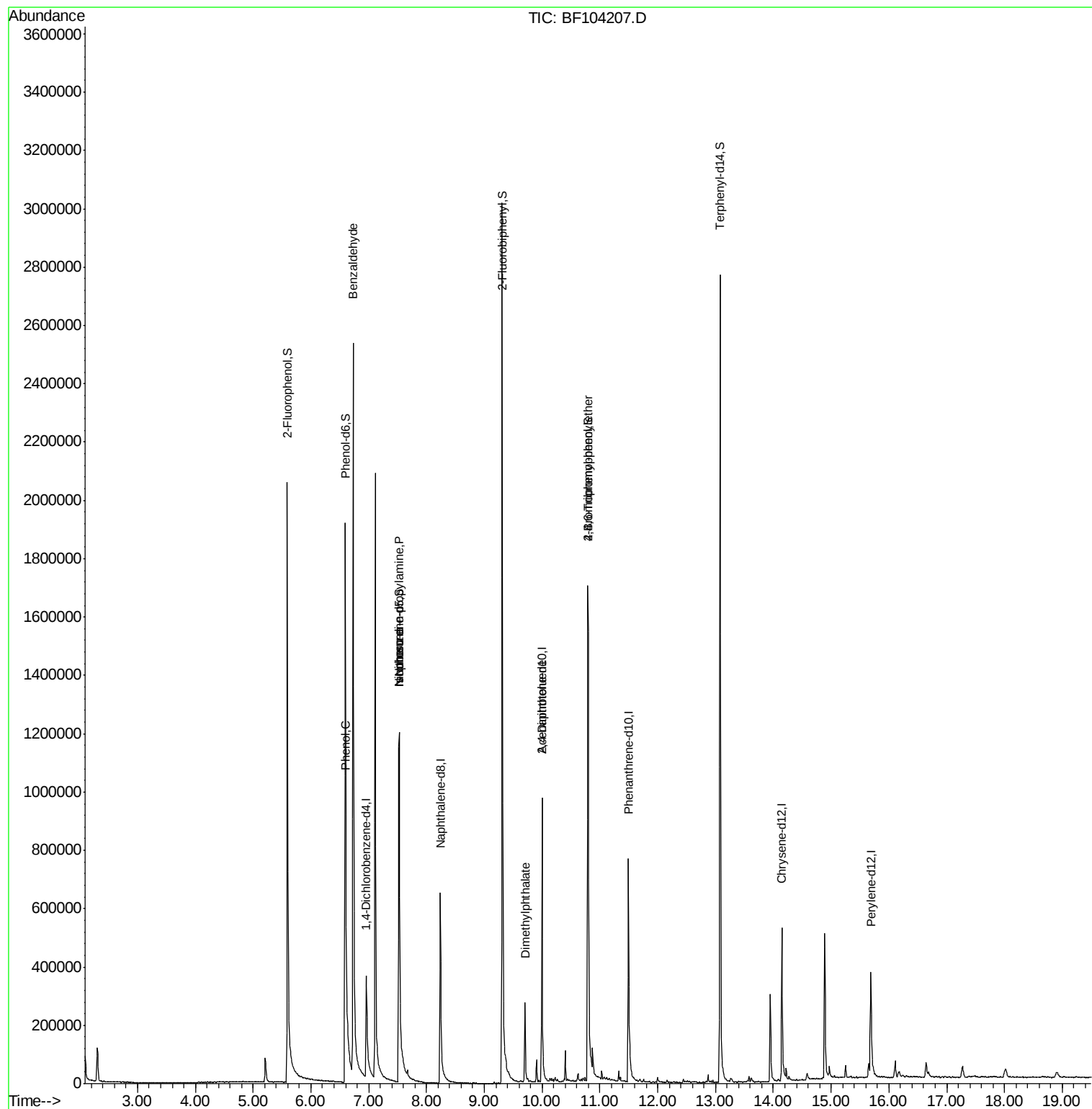
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	113559	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	480460	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	234431	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	420293	20.00	ng	0.00
75) Chrysene-d12	14.15	240	273100	20.00	ng	0.00
86) Perylene-d12	15.69	264	238577	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	953723	133.93	ng	0.00
7) Phenol-d6	6.60	99	1254106	143.15	ng	0.00
23) Nitrobenzene-d5	7.53	82	764487	97.31	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	327621	125.51	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1386065	93.23	ng	0.00
78) Terphenyl-d14	13.08	244	1210410	102.34	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	19153	2.822	ng	84
10) Phenol	6.61	94	28329	2.918	ng	# 47
19) n-Nitroso-di-n-propylamine	7.53	70	89948	17.301	ng	# 72
25) Isophorone	7.53	82	773109	53.397	ng	# 64
49) Dimethylphthalate	9.70	163	155265	8.389	ng	100
56) 2,4-Dinitrotoluene	10.00	165	28610	5.630	ng	# 23
66) 4-Bromophenyl-phenylether	10.79	248	19201	4.270	ng	# 1

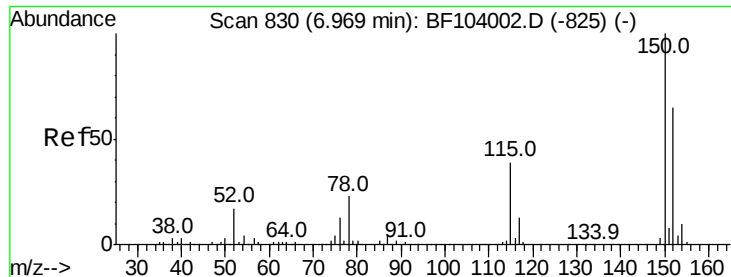
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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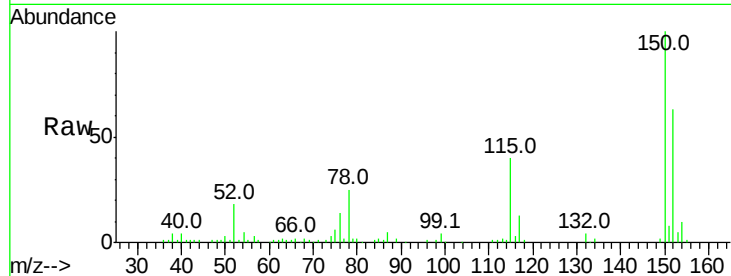


#1

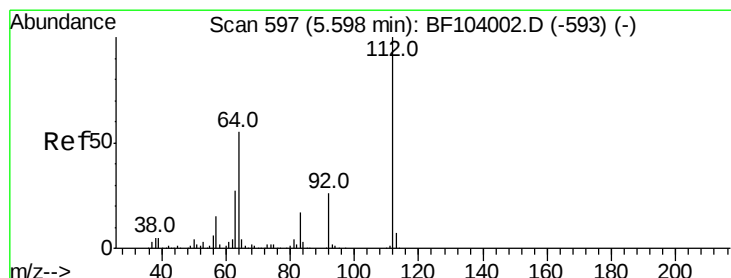
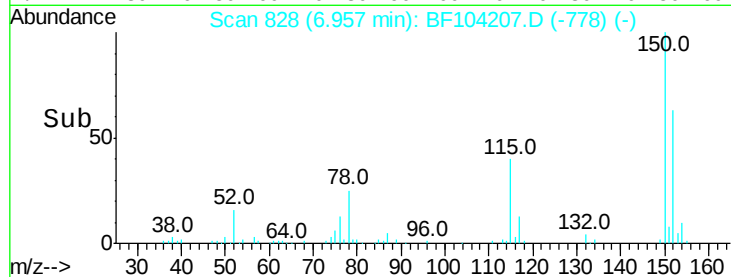
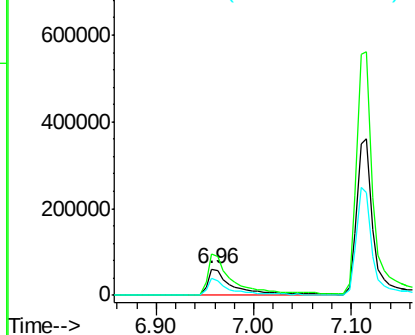
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104207.D
Acq: 4 Apr 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113559
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 63.1 50.1 75.1



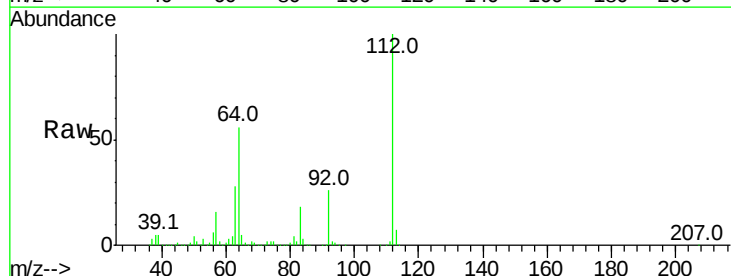
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



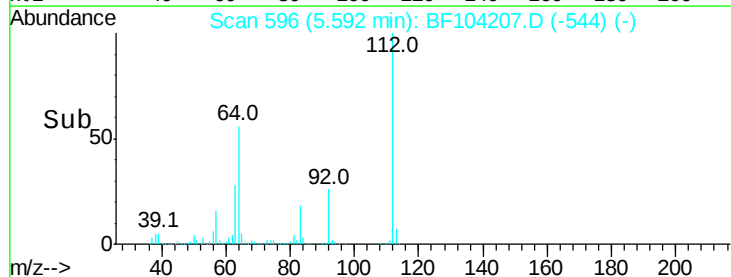
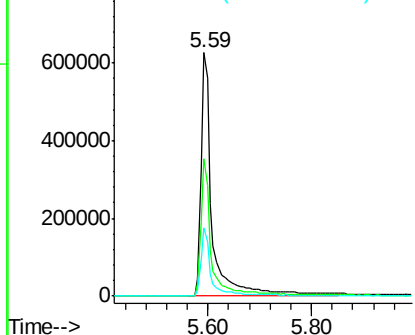
#5

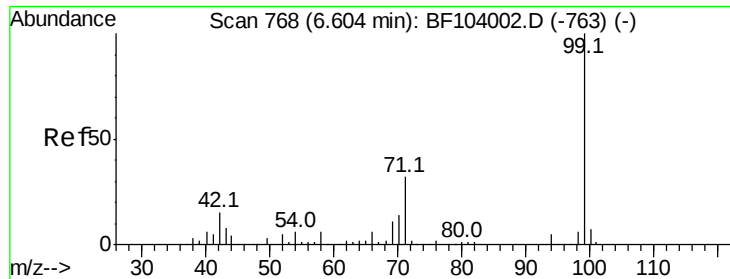
2-Fluorophenol
Concen: 133.935 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104207.D
Acq: 4 Apr 2018 3:38

Tgt Ion:112 Resp: 953723
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 28.1 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: 143.151 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104207.D

Acq: 4 Apr 2018 3:38

Instrument :

BNA_F

ClientSampled :

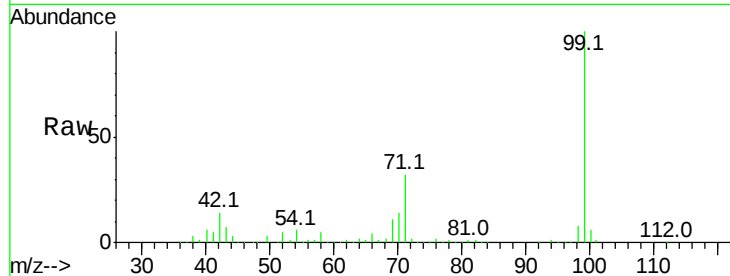
Tot Ion: 99 Resp: 1254106

Ion Ratio Lower Upper

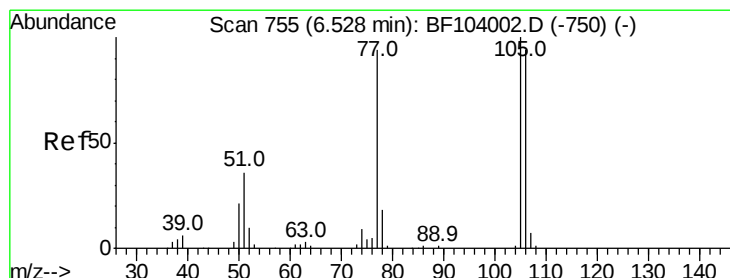
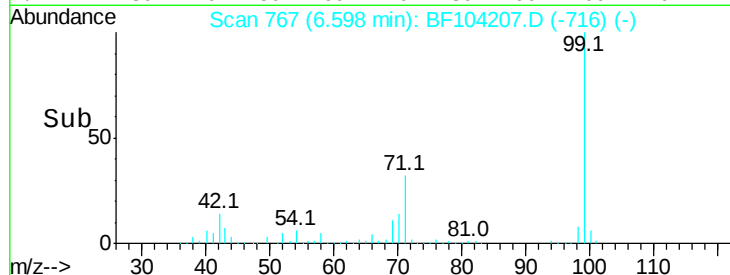
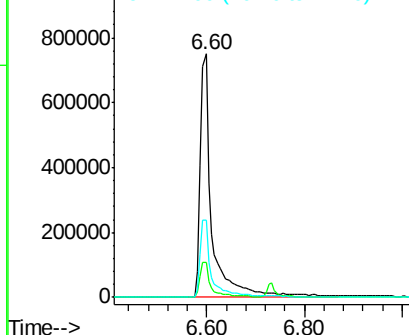
99 100

42 14.4 14.5 21.7#

71 31.8 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



#9

Benzaldehyde

Concen: 2.822 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.21 min

Lab File: BF104207.D

Acq: 4 Apr 2018 3:38

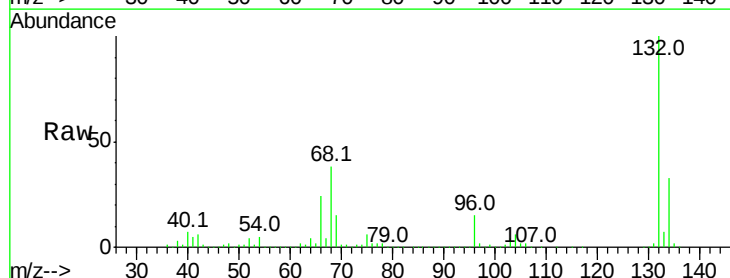
Tgt Ion: 77 Resp: 19153

Ion Ratio Lower Upper

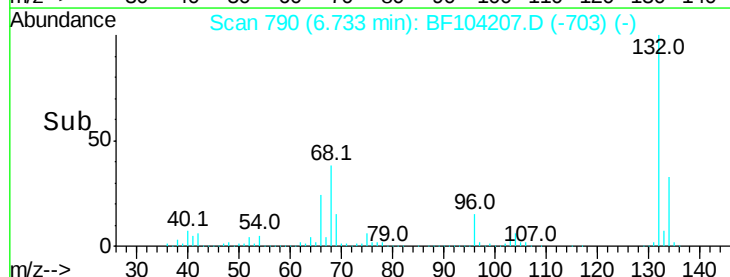
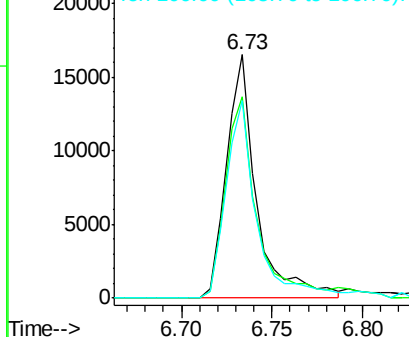
77 100

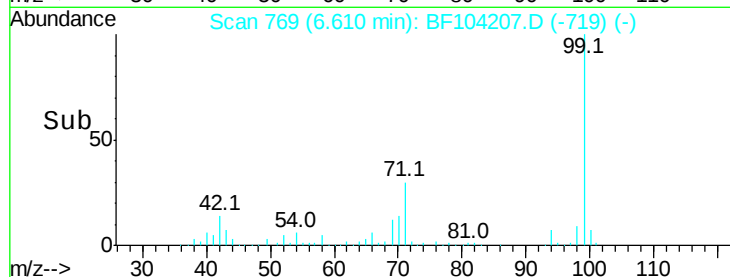
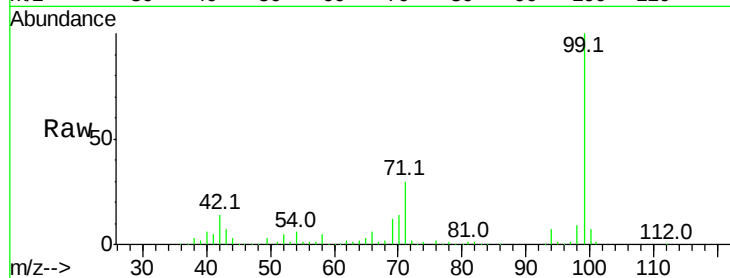
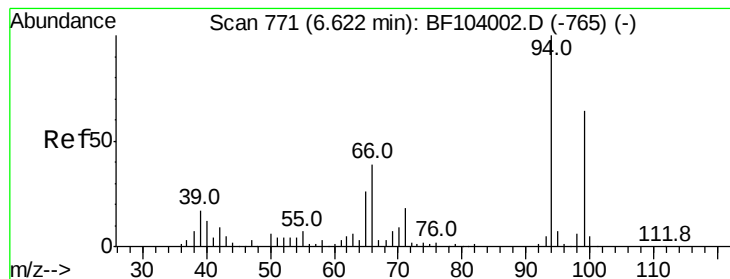
105 82.5 81.1 121.1

106 80.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.918 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF104207.D

Acq: 4 Apr 2018 3:38

Instrument :

BNA_F

ClientSampleId :

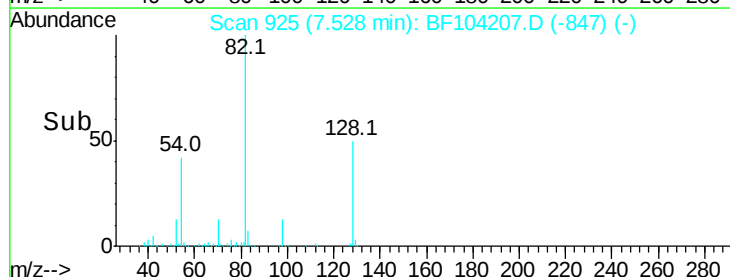
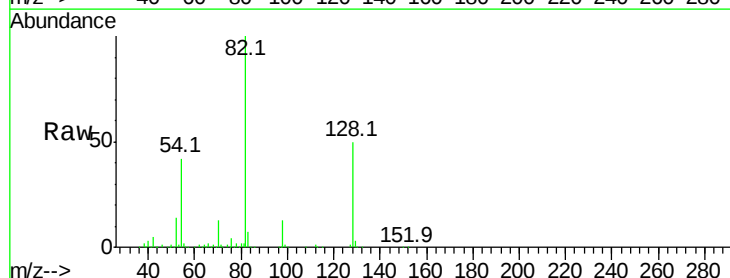
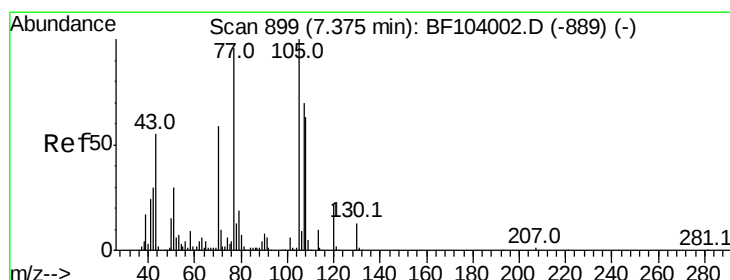
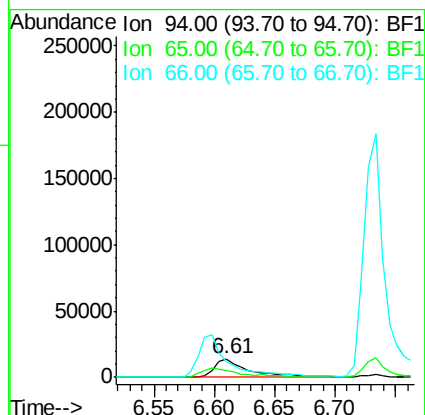
Tot Ion: 94 Resp: 28329

Ion Ratio Lower Upper

94 100

65 35.9 7.9 47.9

66 84.7 16.2 56.2#



#19

n-Nitroso-di-n-propylamine

Concen: 17.301 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.16 min

Lab File: BF104207.D

Acq: 4 Apr 2018 3:38

Tgt Ion: 70 Resp: 89948

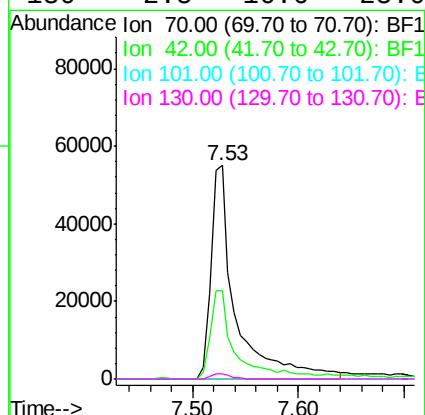
Ion Ratio Lower Upper

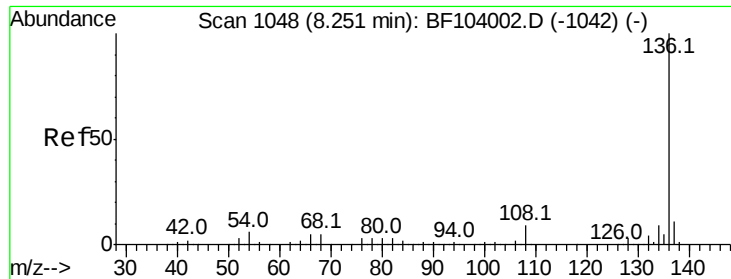
70 100

42 41.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

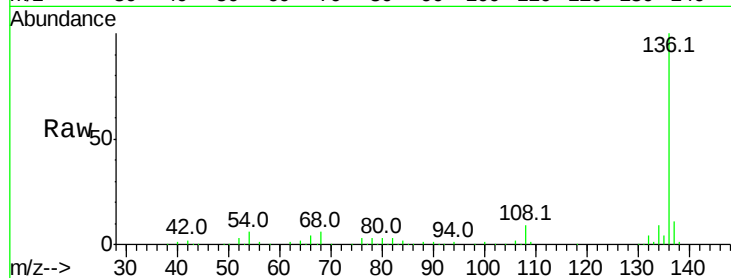




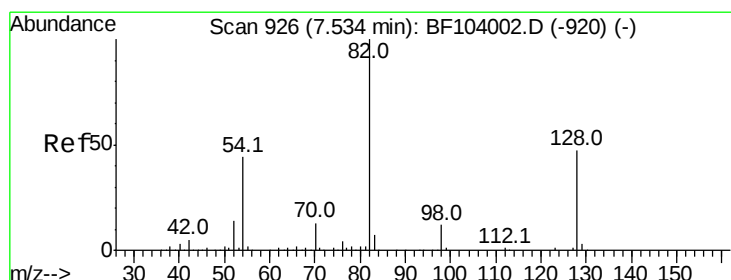
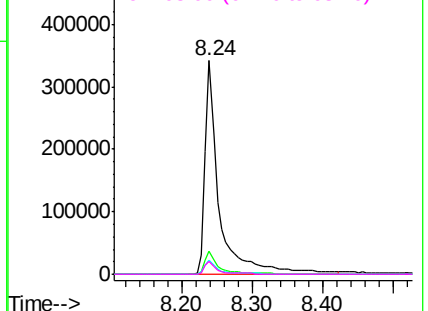
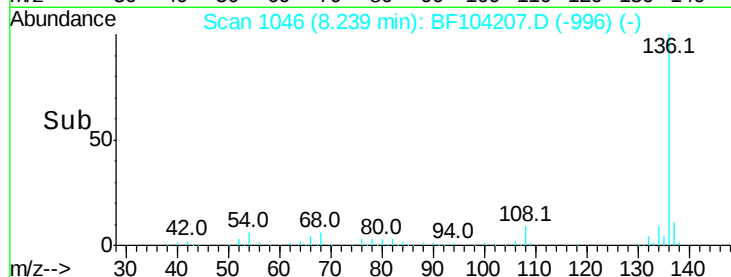
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104207.D
Acq: 4 Apr 2018 3:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	480460
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.4	6.6	9.8#
68	6.1	5.0	7.4

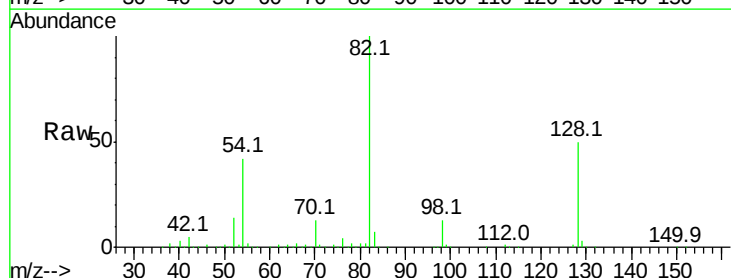


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

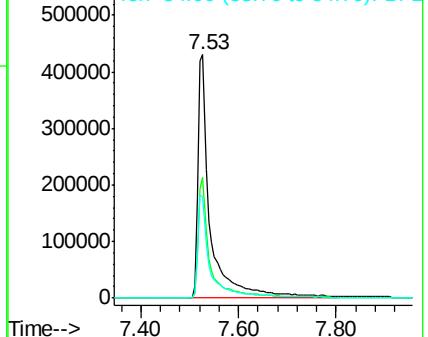
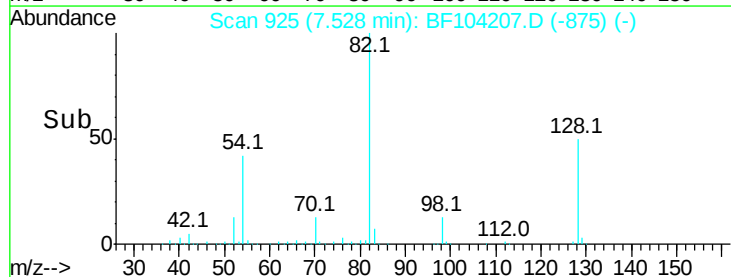


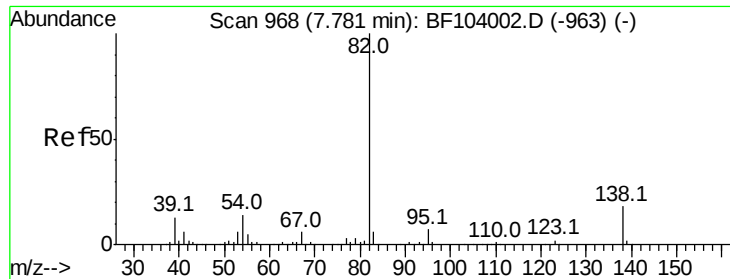
#23
Nitrobenzene-d5
Concen: 97.308 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104207.D
Acq: 4 Apr 2018 3:38

Tgt Ion:	82	Resp:	764487
Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.1	54.1
54	41.9	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: 53.397 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.25 min

Lab File: BF104207.D

Acq: 4 Apr 2018 3:38

Instrument :

BNA_F

ClientSampled :

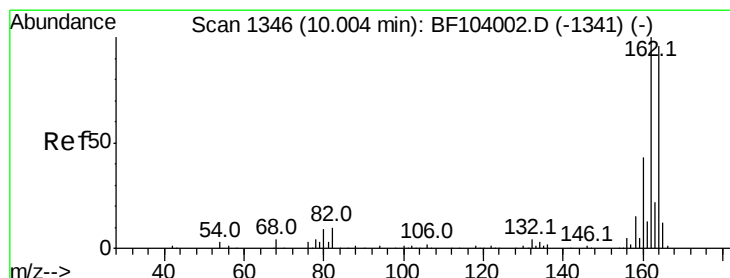
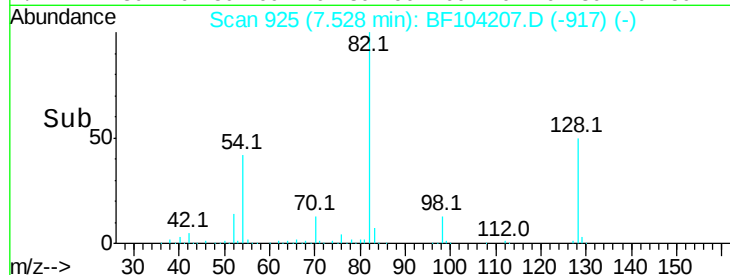
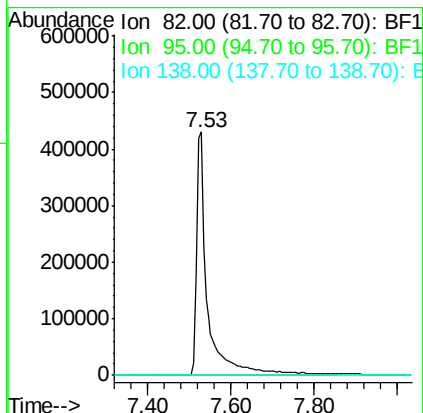
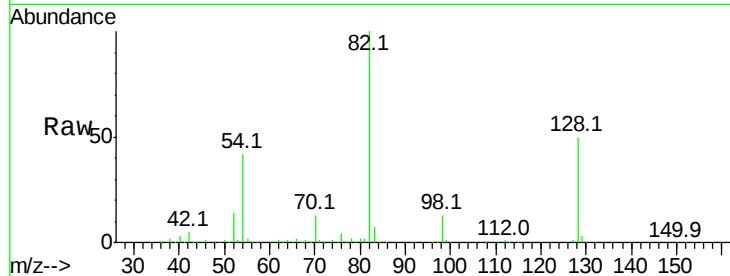
Tot Ion: 82 Resp: 773109

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: 10.00 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF104207.D

Acq: 4 Apr 2018 3:38

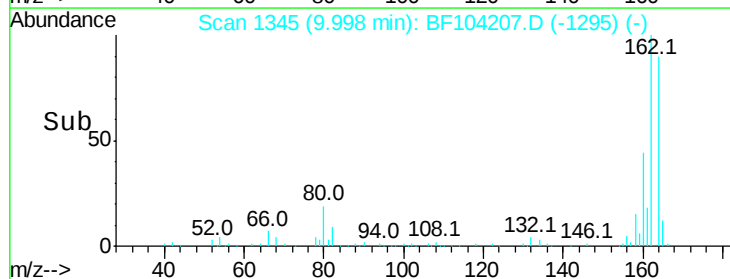
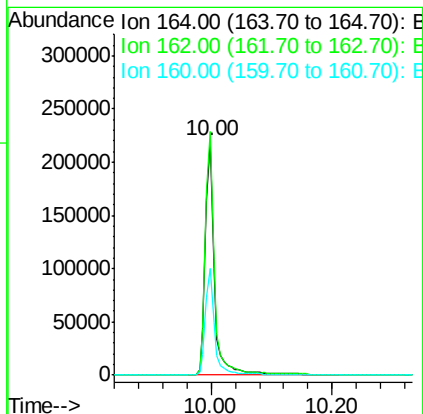
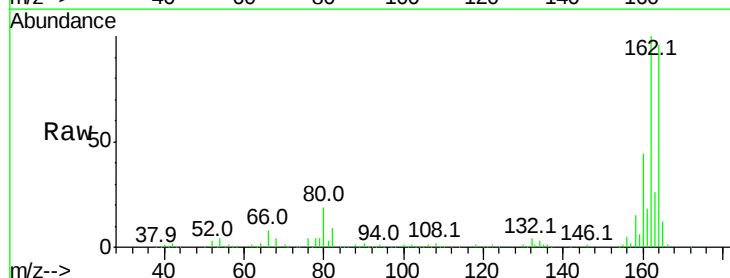
Tgt Ion:164 Resp: 234431

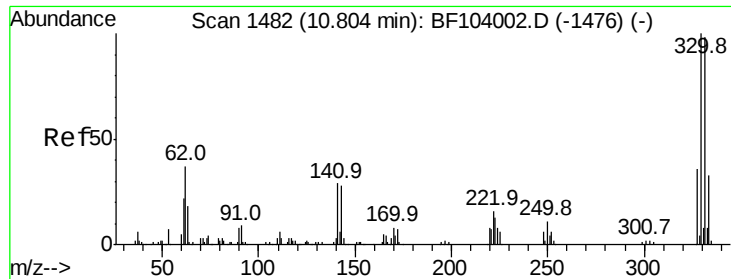
Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

160 45.9 38.3 57.5

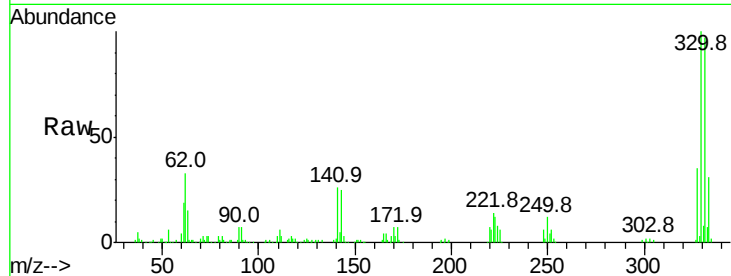




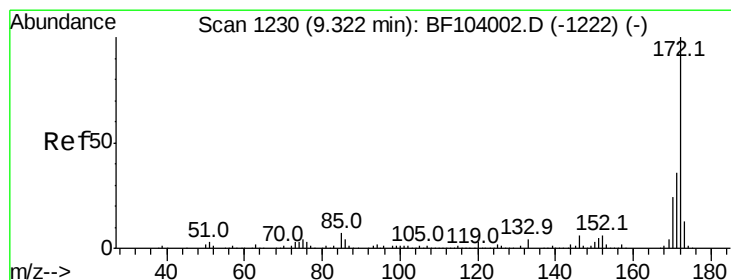
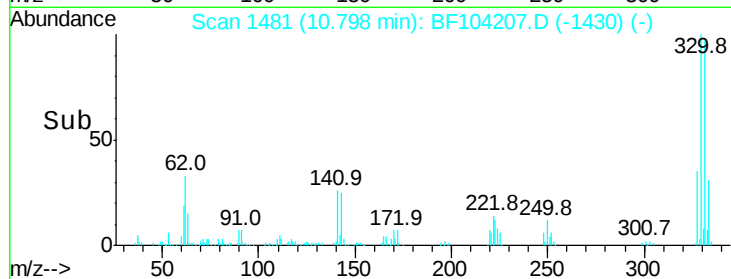
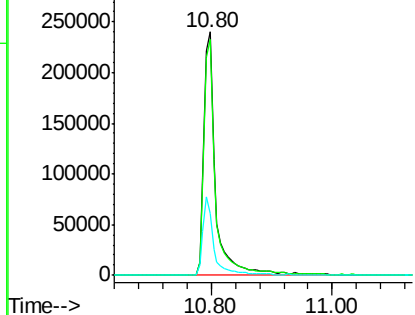
#41
 2,4,6-Tribromophenol
 Concen: 125.506 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104207.D
 Acq: 4 Apr 2018 3:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 327621
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 31.0 29.9 44.9

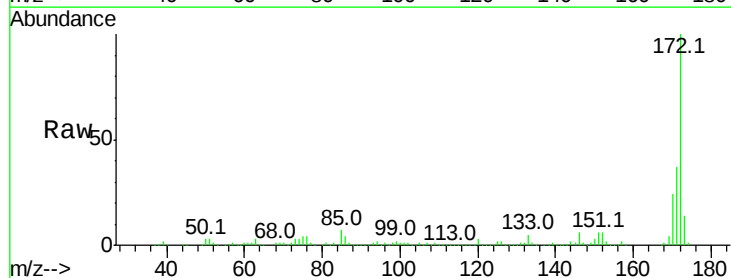


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

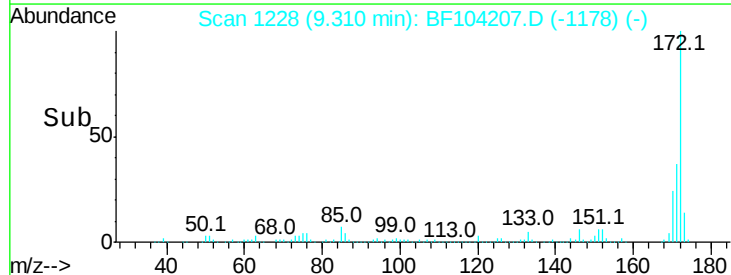
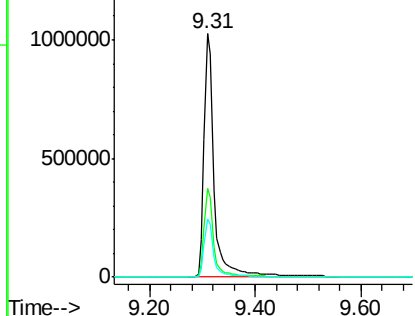


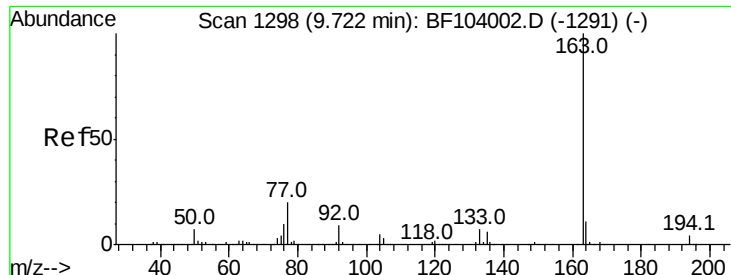
#44
 2-Fluorobiphenyl
 Concen: 93.235 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104207.D
 Acq: 4 Apr 2018 3:38

Tgt Ion:172 Resp: 1386065
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 23.6 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

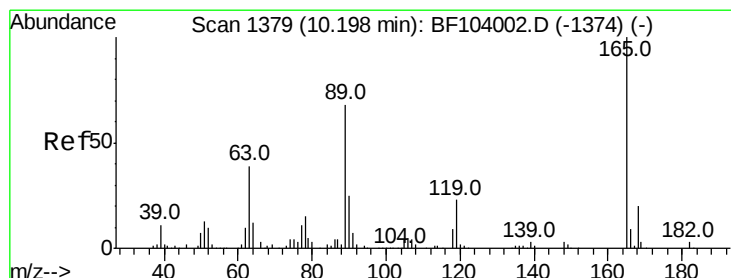
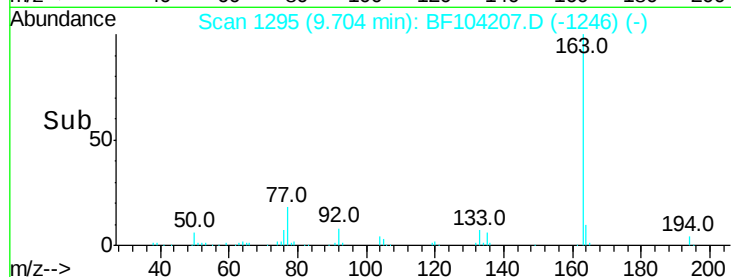
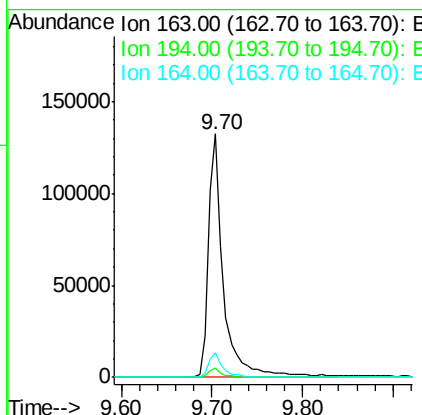
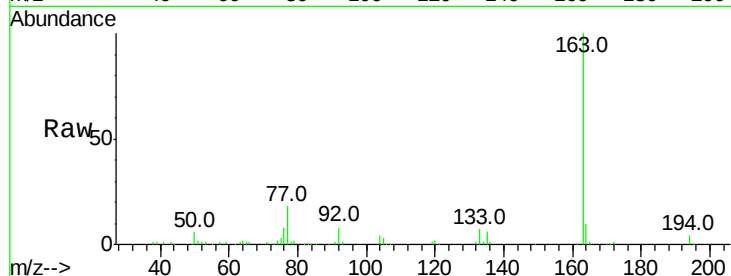




#49
Dimethylphthalate
Concen: 8.389 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104207.D
Acq: 4 Apr 2018 3:38

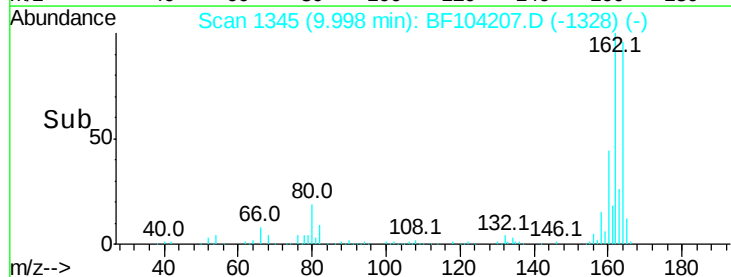
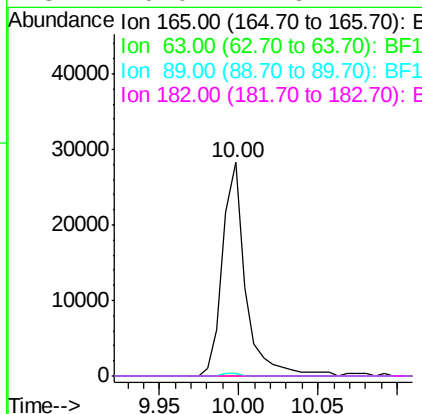
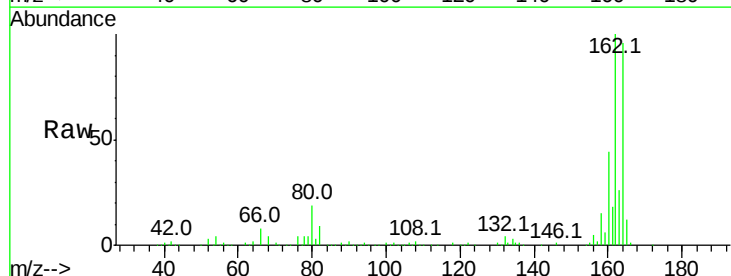
Instrument :
BNA_F
ClientSampleId :

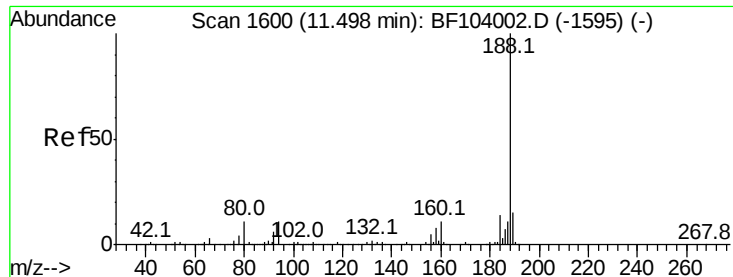
Tot Ion:163 Resp: 155265
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.630 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.20 min
Lab File: BF104207.D
Acq: 4 Apr 2018 3:38

Tgt Ion:165 Resp: 28610
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.5 57.8 86.6#
182 0.0 1.6 2.4#

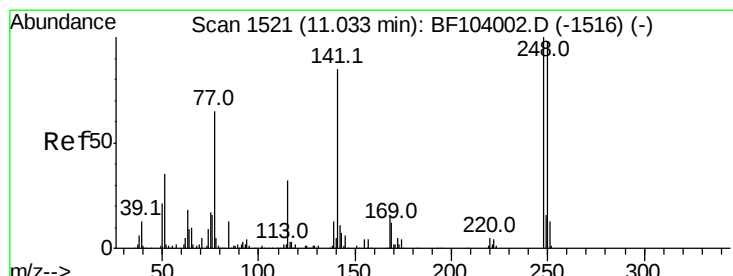
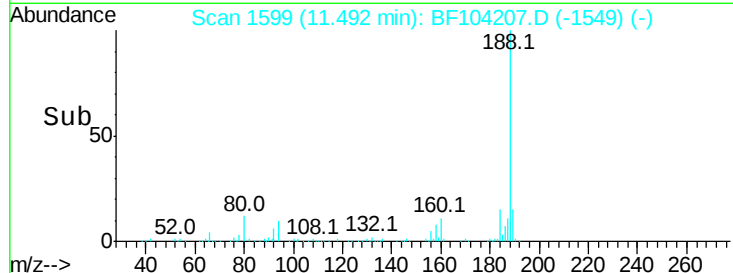
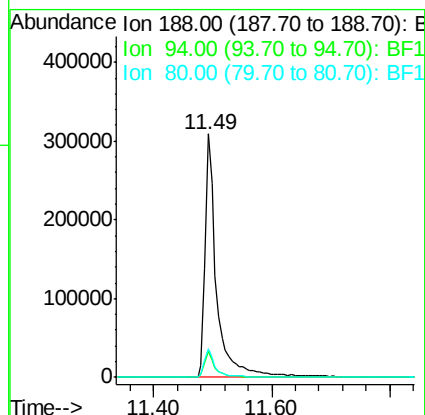
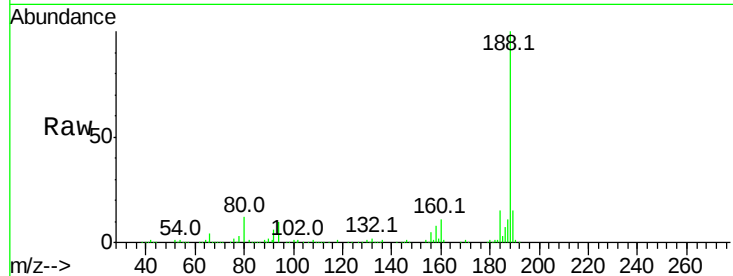




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104207.D
Acq: 4 Apr 2018 3:38

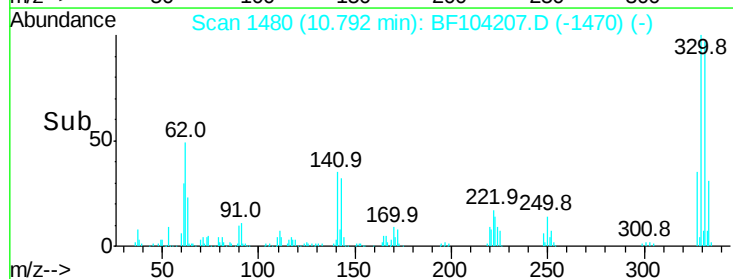
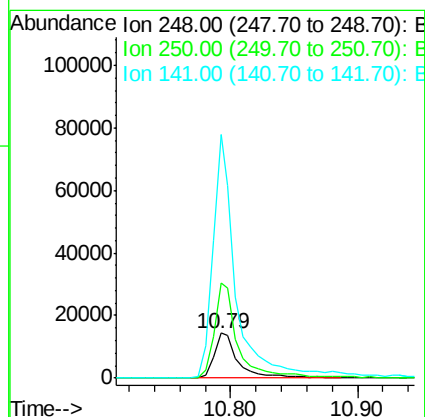
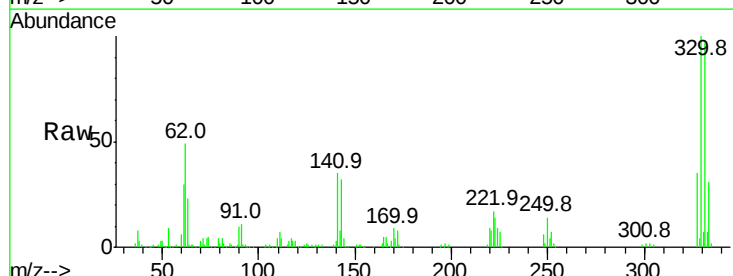
Instrument :
BNA_F
ClientSampleId :

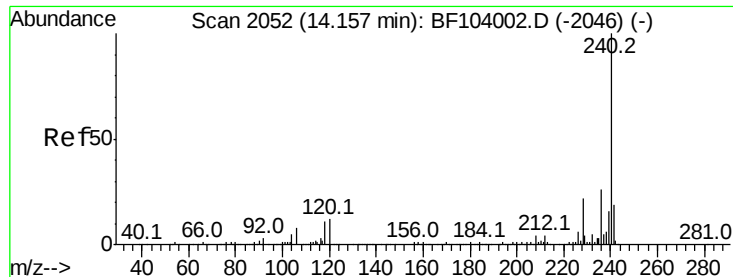
Tot Ion:188 Resp: 420293
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.270 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF104207.D
Acq: 4 Apr 2018 3:38

Tgt Ion:248 Resp: 19201
Ion Ratio Lower Upper
248 100
250 213.4 76.9 115.3#
141 545.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104207.D

Acq: 4 Apr 2018 3:38

Instrument :

BNA_F

ClientSampleId :

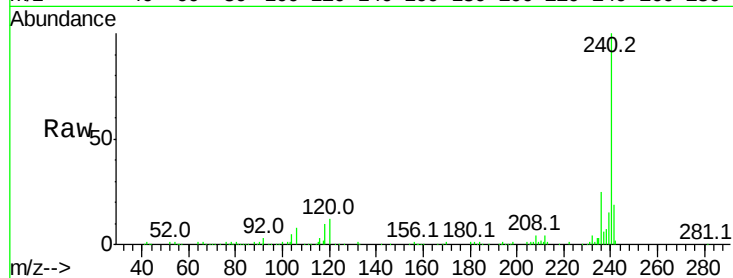
Tot Ion:240 Resp: 273100

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

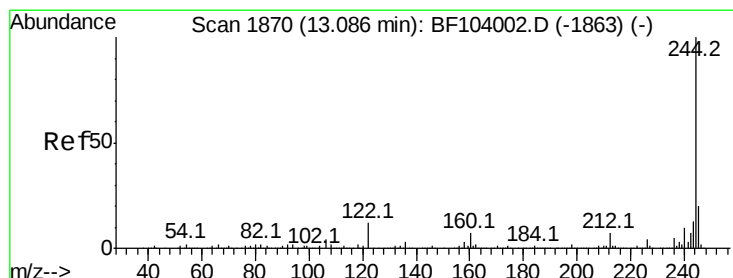
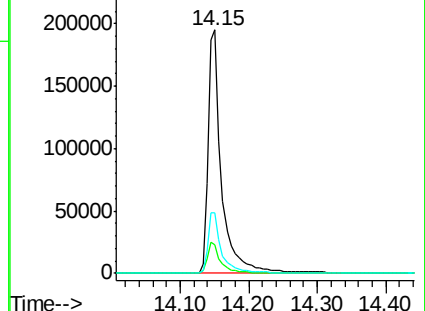
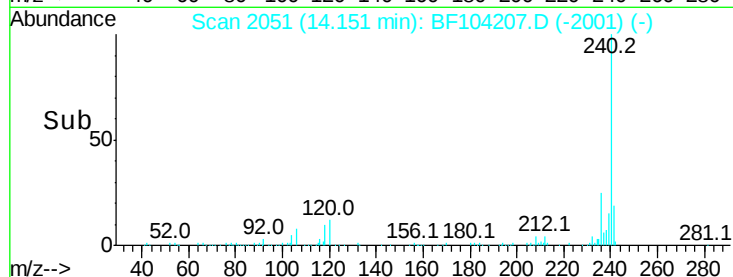
236 24.7 20.7 31.1



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: 102.335 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104207.D

Acq: 4 Apr 2018 3:38

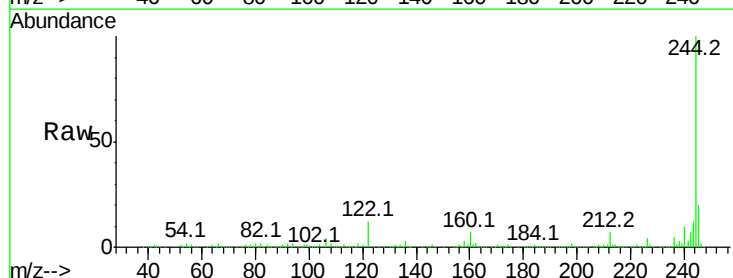
Tgt Ion:244 Resp: 1210410

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

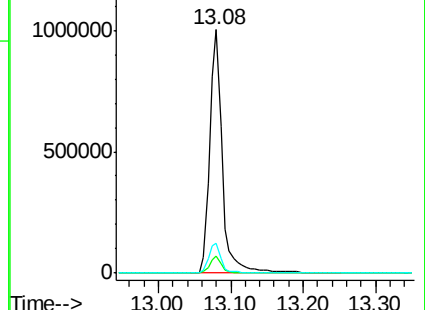
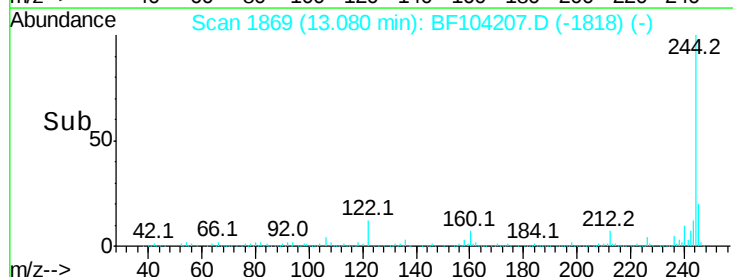
122 12.5 11.0 16.4

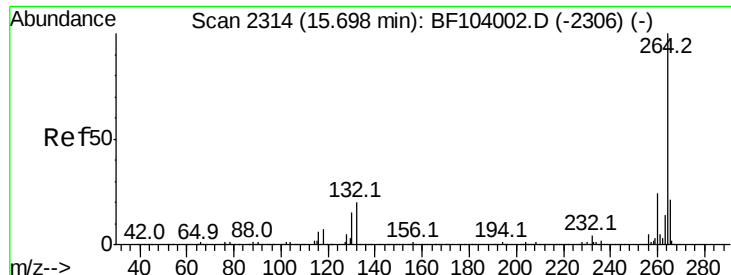


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

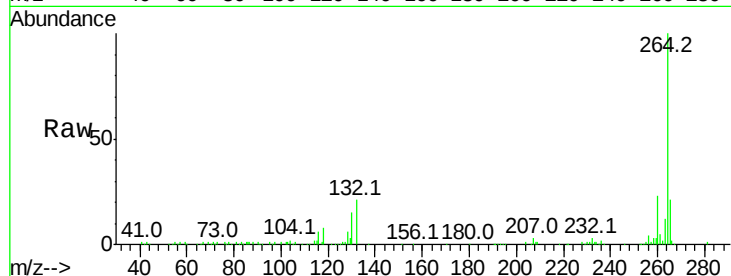




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BF104207.D
 Acq: 4 Apr 2018 3:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	20.7	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

