

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104014.D
 Acq On : 28 Mar 2018 17:11
 Operator : JU/SJ
 Sample : J2087-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 17:54:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

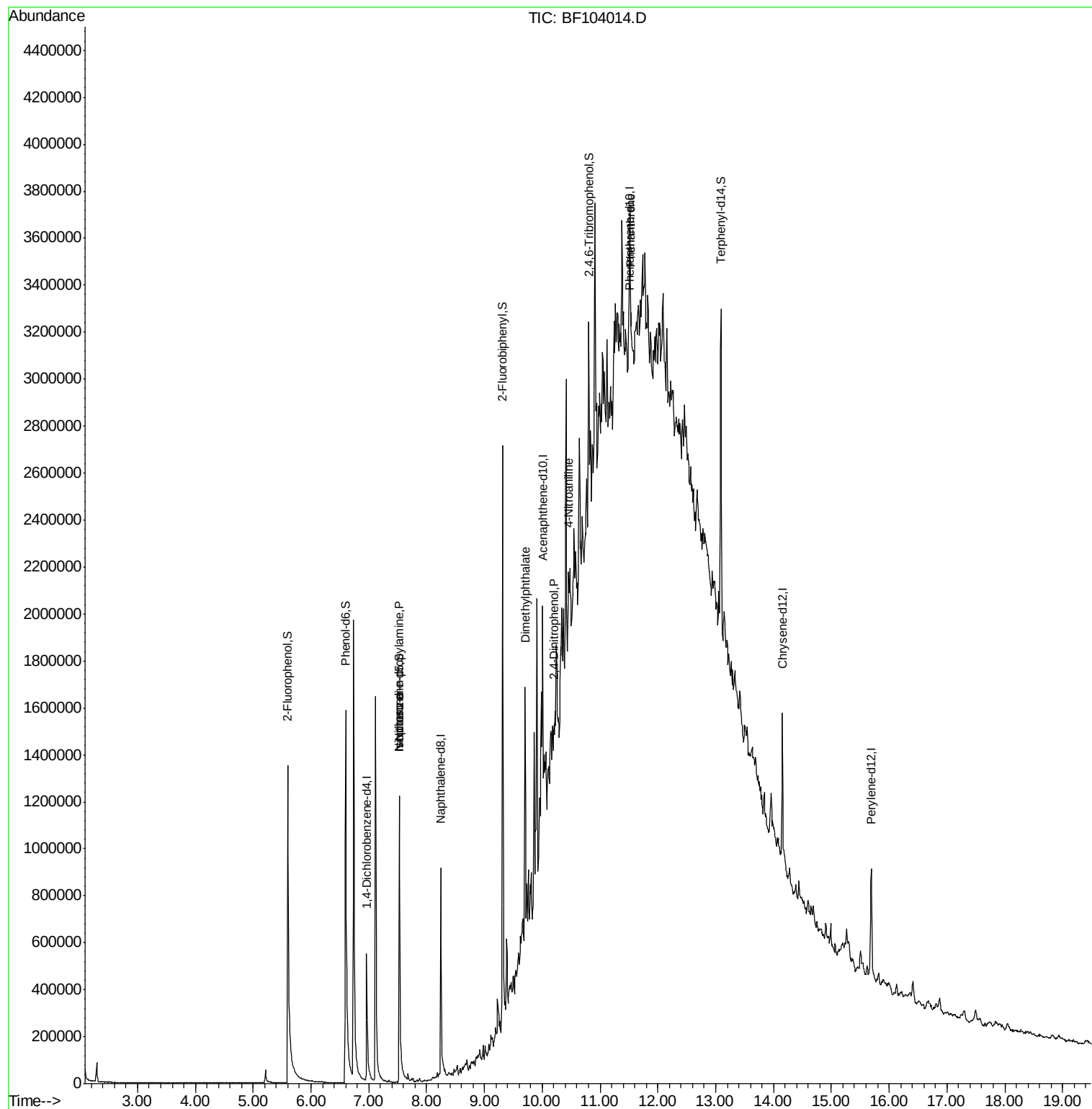
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	135891	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	541404	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	222533	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	282111	20.00	ng	0.01
75) Chrysene-d12	14.15	240	243385	20.00	ng	0.00
86) Perylene-d12	15.69	264	259745	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	797801	93.63	ng	0.00
7) Phenol-d6	6.60	99	1029000	98.15	ng	0.00
23) Nitrobenzene-d5	7.53	82	592619	66.94	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	179934	72.62	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	902521	63.95	ng	0.00
78) Terphenyl-d14	13.09	244	618271	58.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	74073	11.906	ng	# 73
25) Isophorone	7.53	82	592619	36.323	ng	# 64
49) Dimethylphthalate	9.71	163	78423	4.464	ng	# 88
53) 2,4-Dinitrophenol	10.20	184	870	6.063	ng	# 1
61) 4-Nitroaniline	10.46	138	17848	4.390	ng	# 77
70) Phenanthrene	11.53	178	30658	2.007	ng	# 62

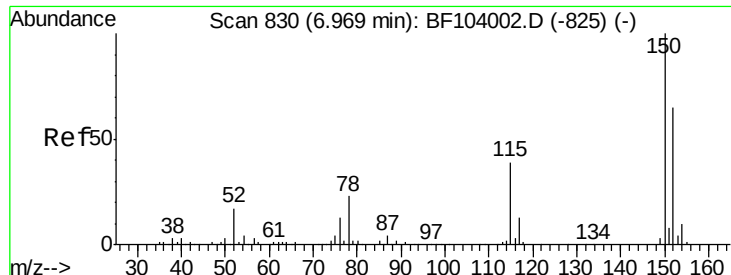
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104014.D
Acq On : 28 Mar 2018 17:11
Operator : JU/SJ
Sample : J2087-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 28 17:54:57 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration



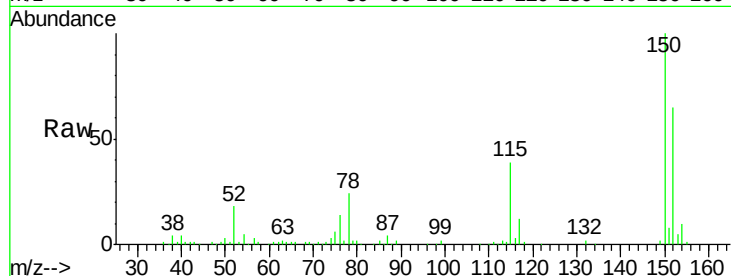


#1

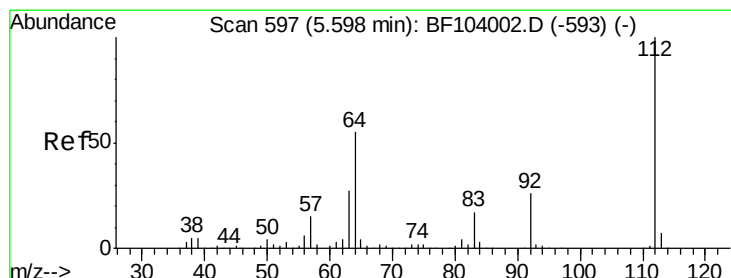
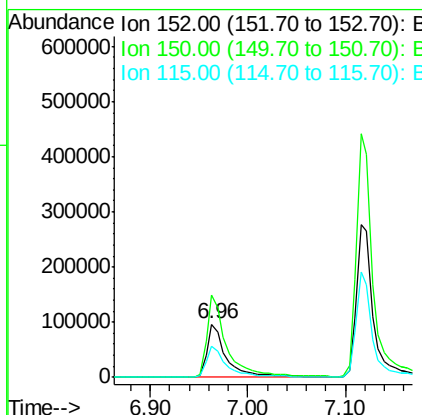
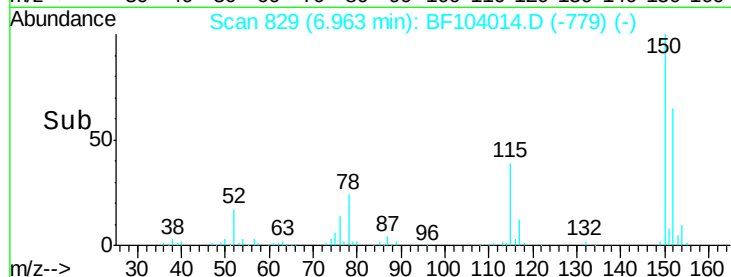
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF104014.D
Acq: 28 Mar 2018 17:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 135891
Ion Ratio Lower Upper
152 100
150 153.2 124.6 186.8
115 59.2 50.1 75.1



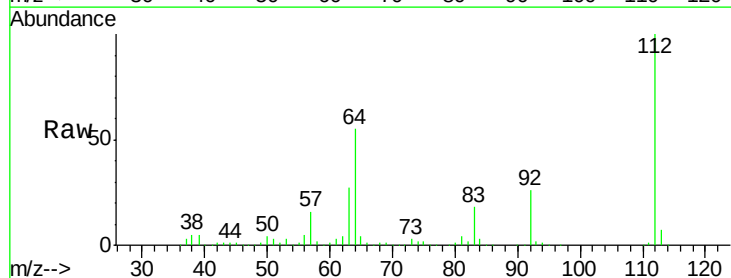
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



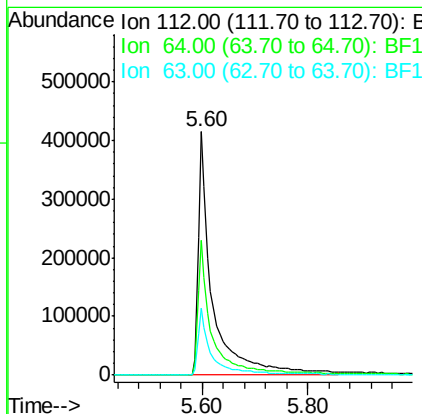
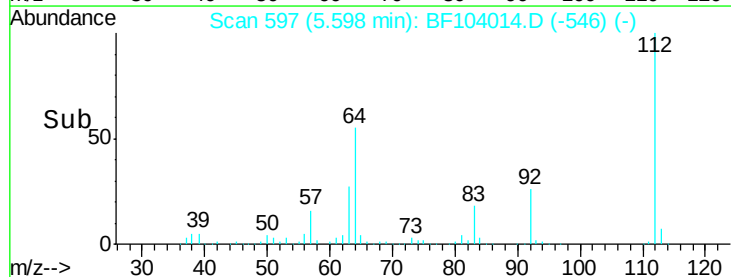
#5

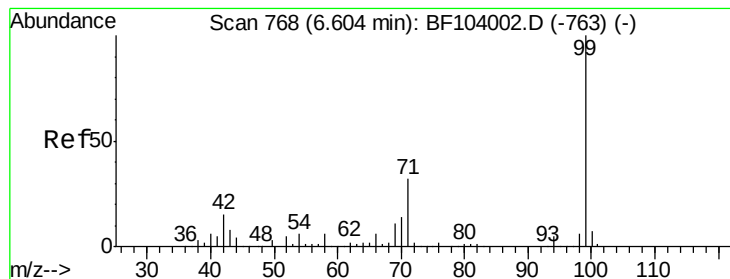
2-Fluorophenol
Concen: 93.626 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104014.D
Acq: 28 Mar 2018 17:11

Tgt Ion:112 Resp: 797801
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 27.4 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: 98.153 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104014.D

Acq: 28 Mar 2018 17:11

Instrument :

BNA_F

ClientSampleId :

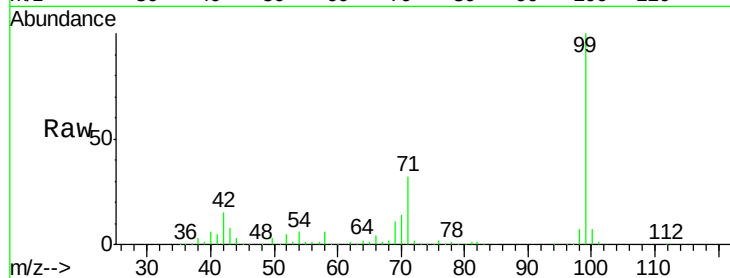
Tot Ion: 99 Resp: 1029000

Ion Ratio Lower Upper

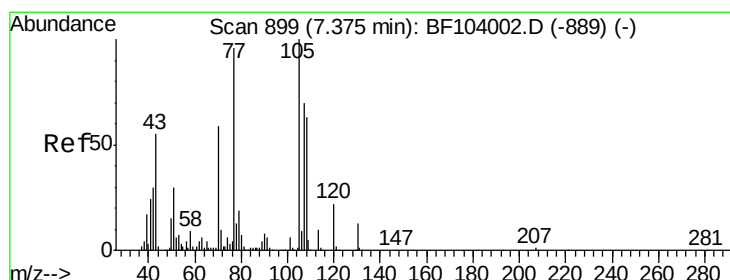
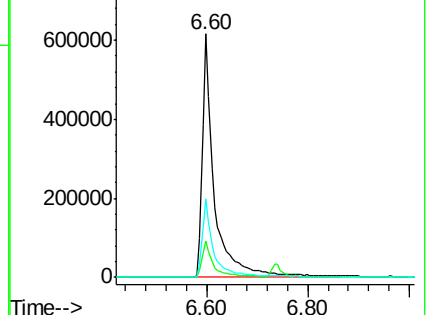
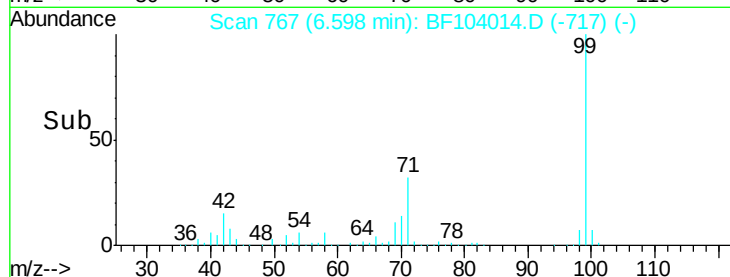
99 100

42 15.1 14.5 21.7

71 32.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 11.906 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.15 min

Lab File: BF104014.D

Acq: 28 Mar 2018 17:11

Tgt Ion: 70 Resp: 74073

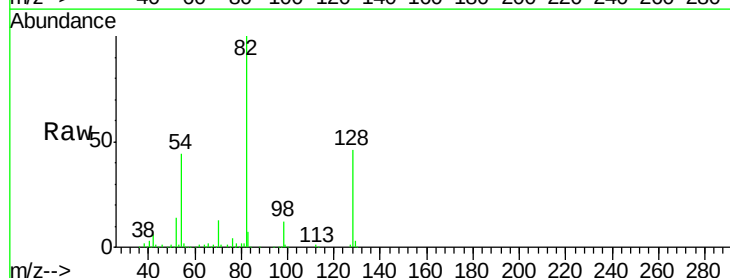
Ion Ratio Lower Upper

70 100

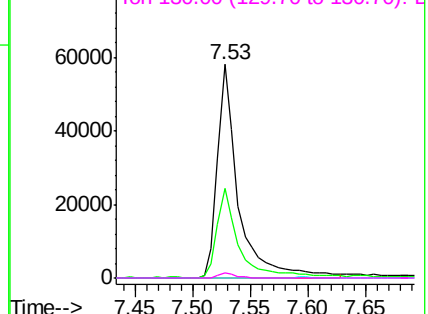
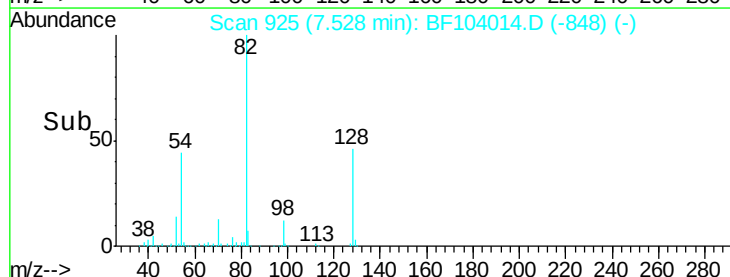
42 41.8 47.5 71.3#

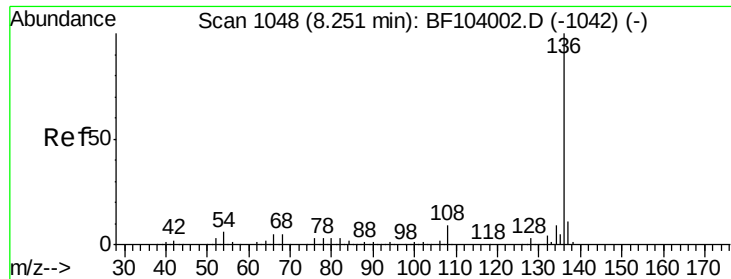
101 0.0 7.4 11.2#

130 2.3 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: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104014.D

Acq: 28 Mar 2018 17:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 541404

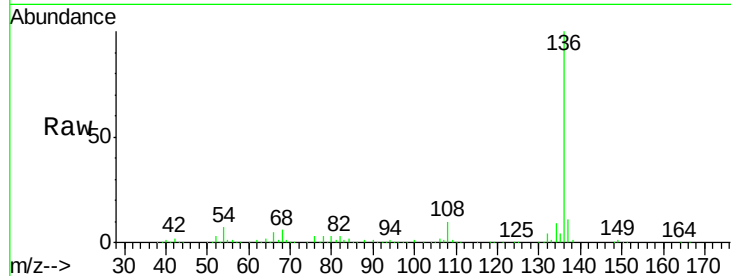
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.7 6.6 9.8

68 5.9 5.0 7.4

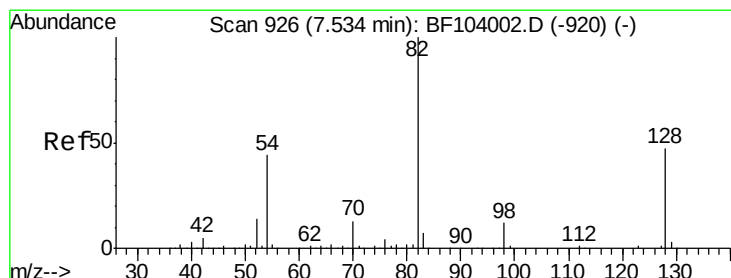
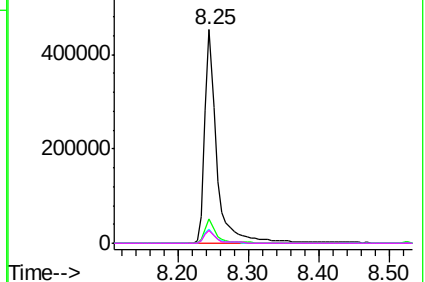
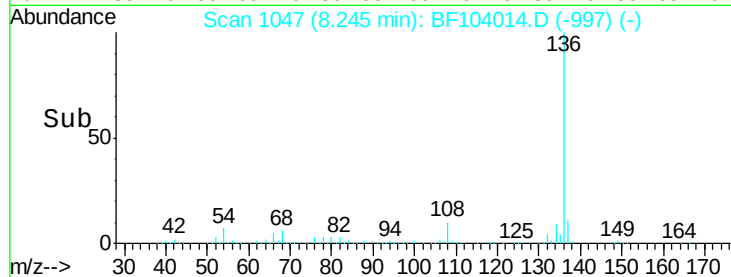


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.941 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF104014.D

Acq: 28 Mar 2018 17:11

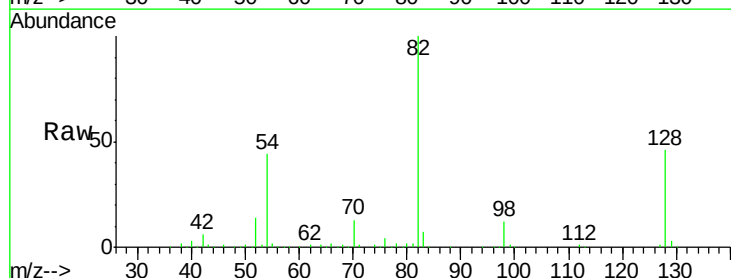
Tgt Ion: 82 Resp: 592619

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

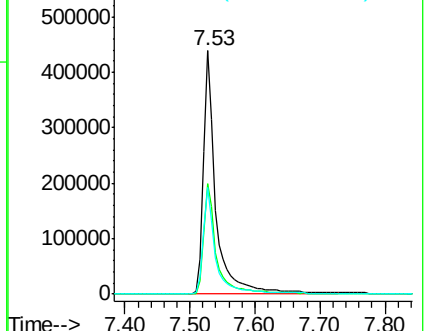
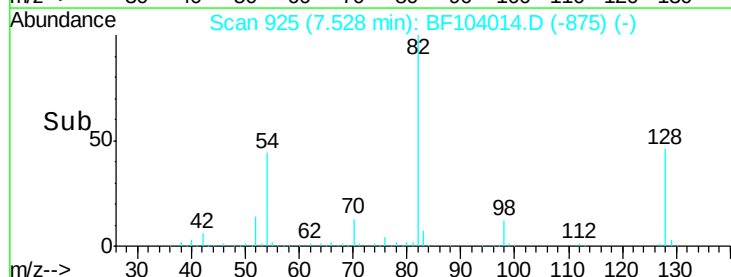
54 43.7 41.4 62.2

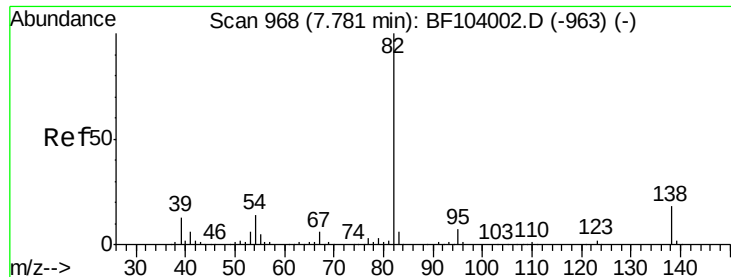


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.323 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.25 min

Lab File: BF104014.D

Acq: 28 Mar 2018 17:11

Instrument :

BNA_F

ClientSampled :

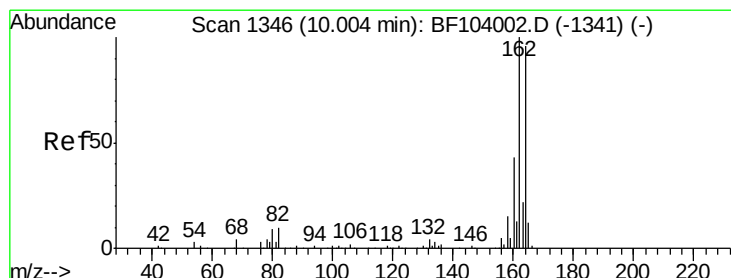
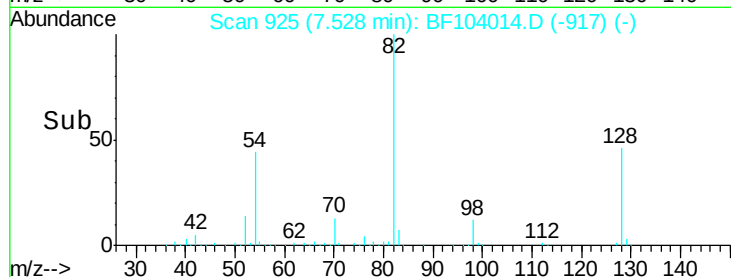
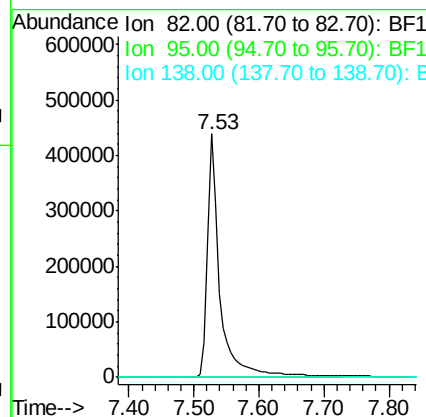
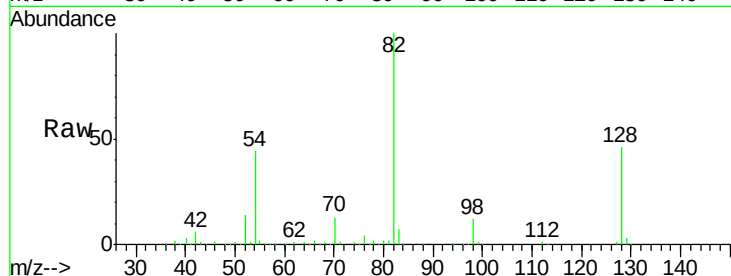
Tot Ion: 82 Resp: 592619

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# 1346

Delta R.T. -0.00 min

Lab File: BF104014.D

Acq: 28 Mar 2018 17:11

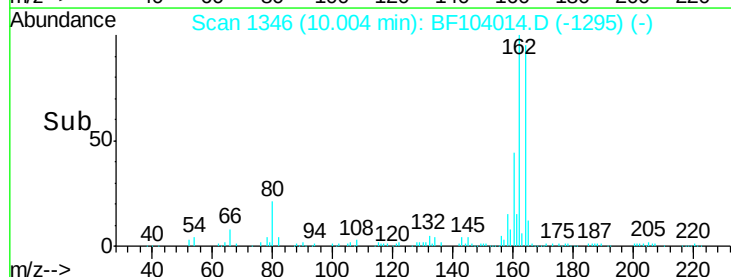
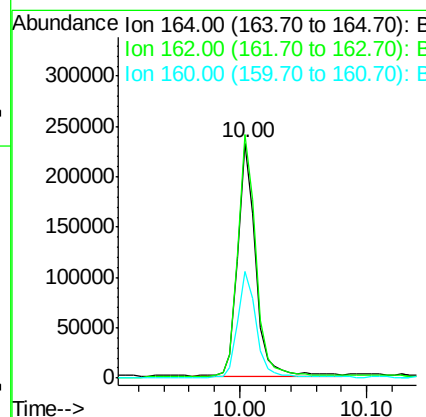
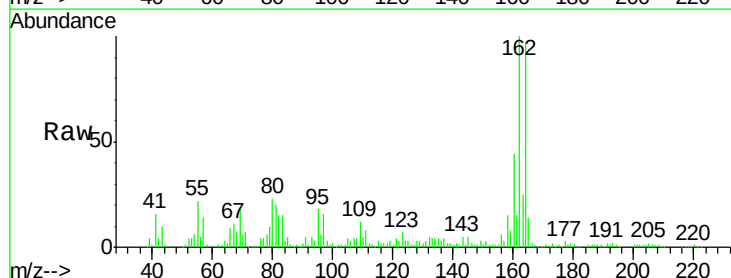
Tgt Ion:164 Resp: 222533

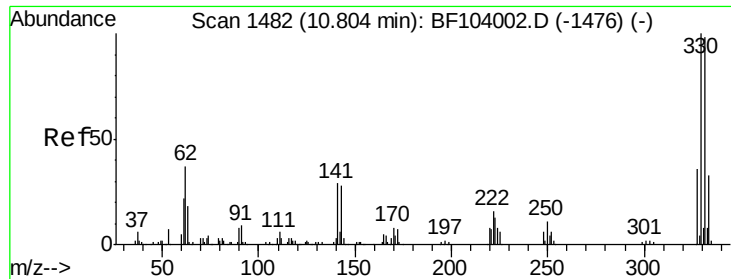
Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

160 45.5 38.3 57.5

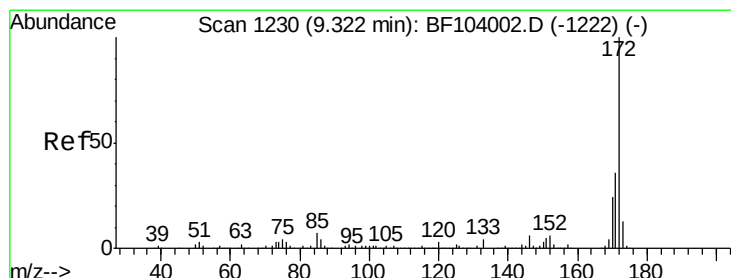
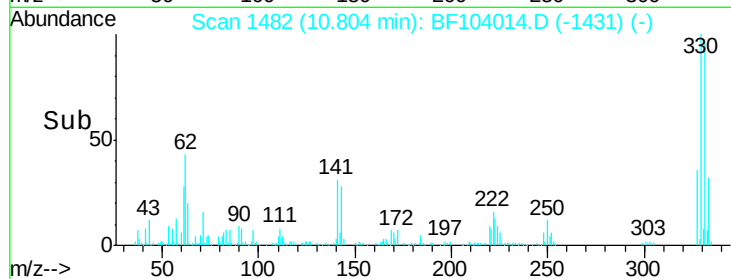
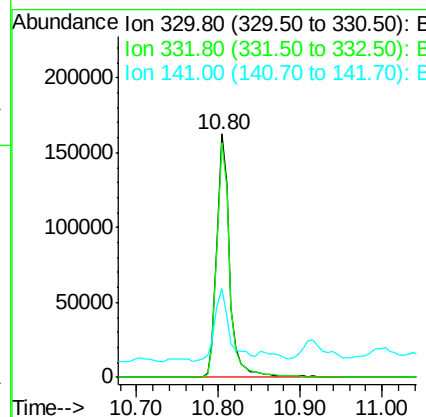
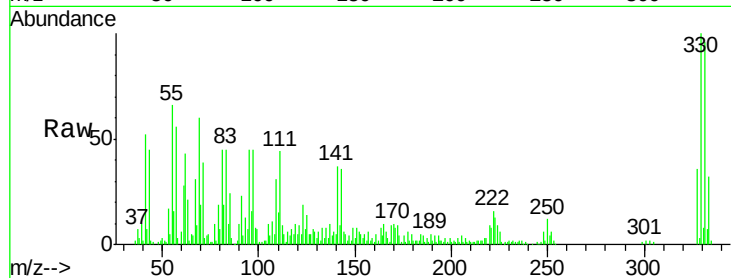




#41
 2,4,6-Tribromophenol
 Concen: 72.615 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF104014.D
 Acq: 28 Mar 2018 17:11

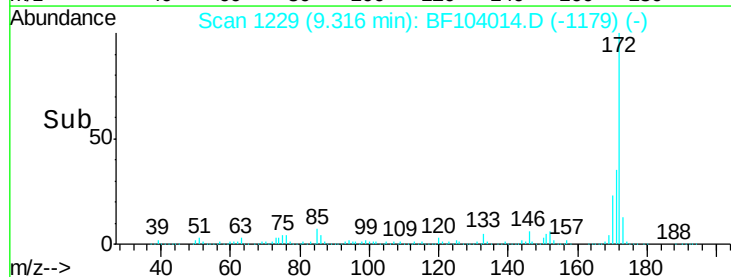
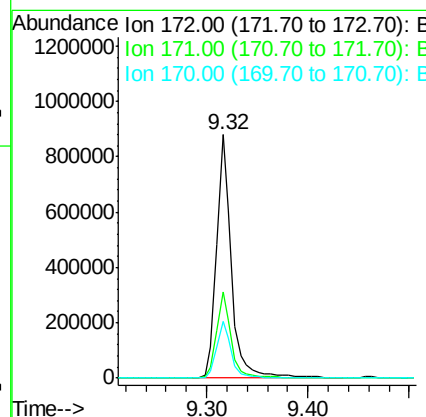
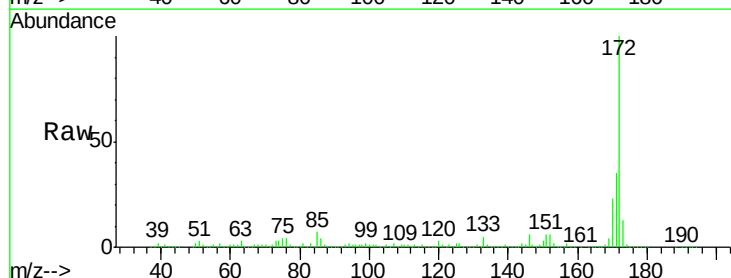
Instrument :
 BNA_F
 ClientSampleId :

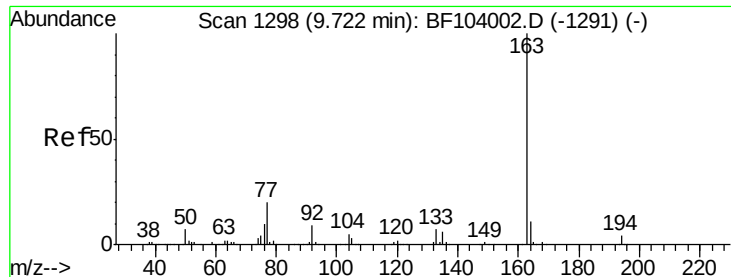
Tot Ion:330 Resp: 179934
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 34.6 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 63.955 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104014.D
 Acq: 28 Mar 2018 17:11

Tgt Ion:172 Resp: 902521
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 23.1 19.6 29.4





#49

Dimethylphthalate

Concen: 4.464 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF104014.D

Acq: 28 Mar 2018 17:11

Instrument :

BNA_F

ClientSampleId :

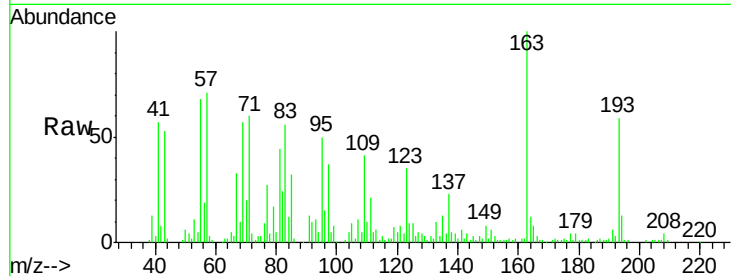
Tot Ion:163 Resp: 78423

Ion Ratio Lower Upper

163 100

194 13.5 2.7 4.1#

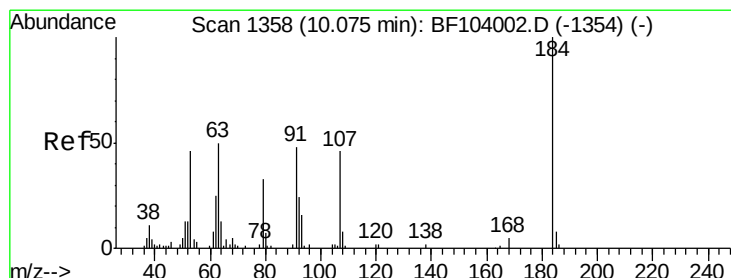
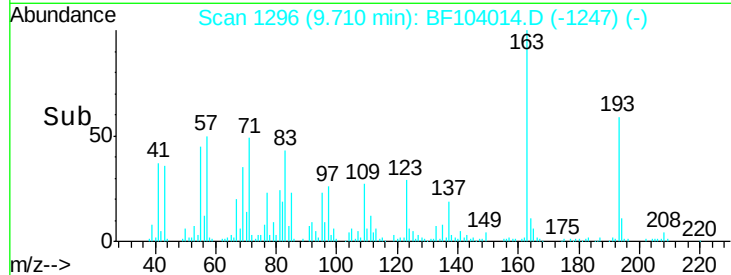
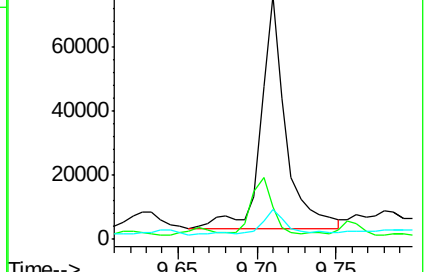
164 12.2 8.2 12.2



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



#53

2,4-Dinitrophenol

Concen: 6.063 ng

RT: 10.20 min Scan# 1379

Delta R.T. 0.12 min

Lab File: BF104014.D

Acq: 28 Mar 2018 17:11

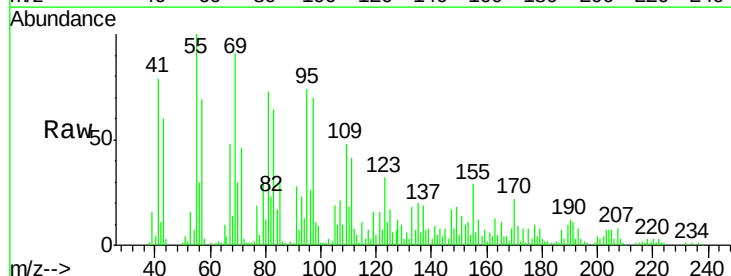
Tgt Ion:184 Resp: 870

Ion Ratio Lower Upper

184 100

63 228.7 54.2 81.2#

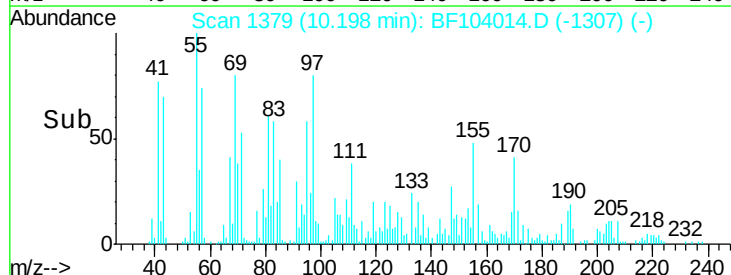
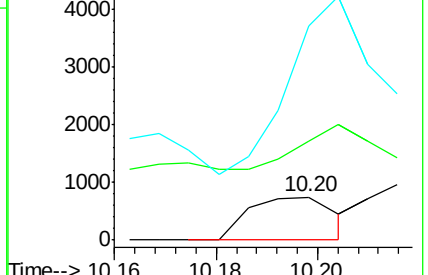
154 495.3 184.0 276.0#

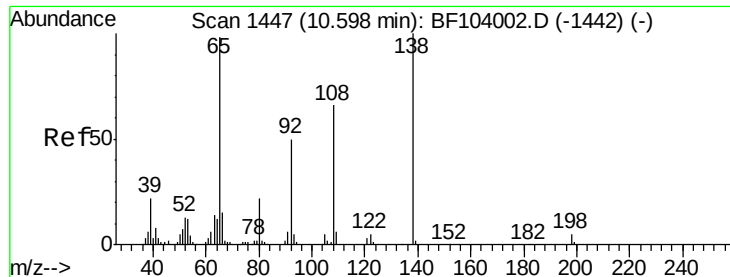


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

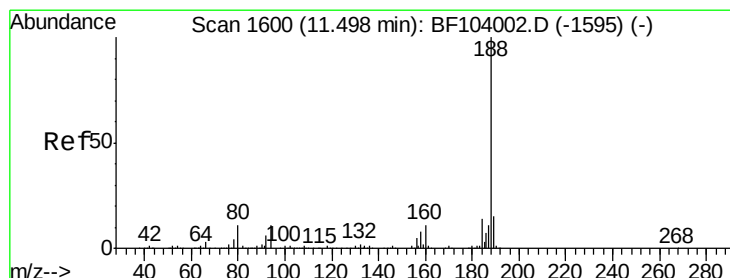
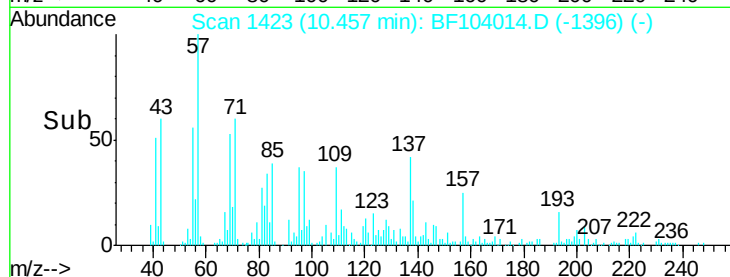
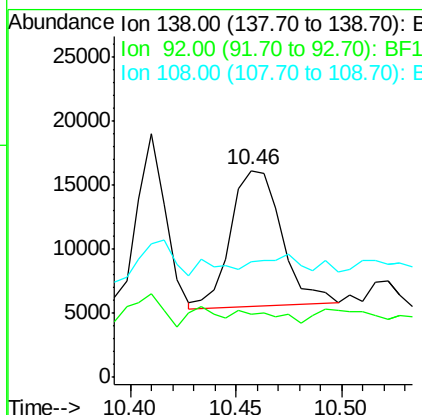
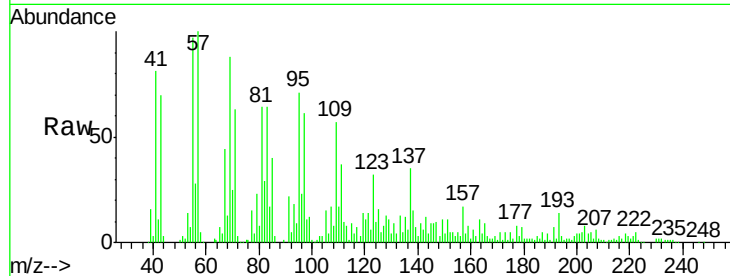




#61
4-Nitroaniline
Concen: 4.390 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.14 min
Lab File: BF104014.D
Acq: 28 Mar 2018 17:11

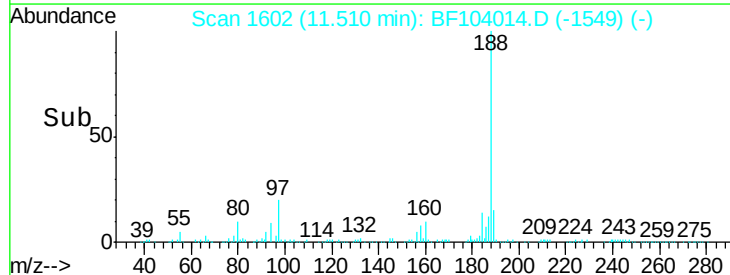
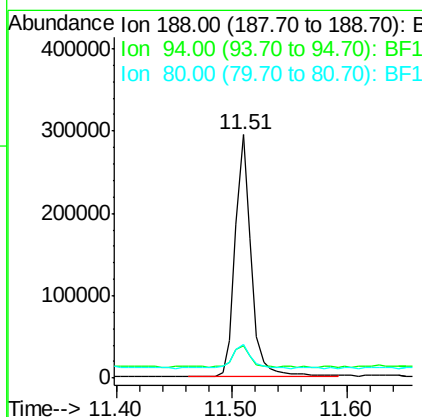
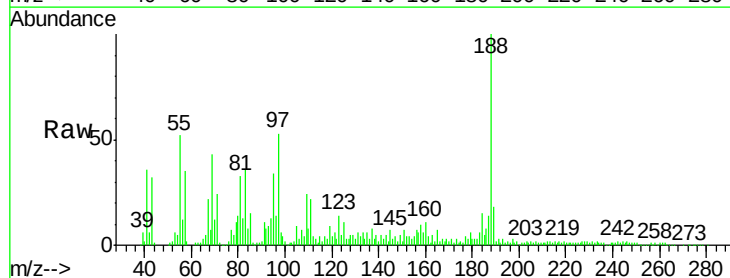
Instrument :
BNA_F
ClientSampleId :

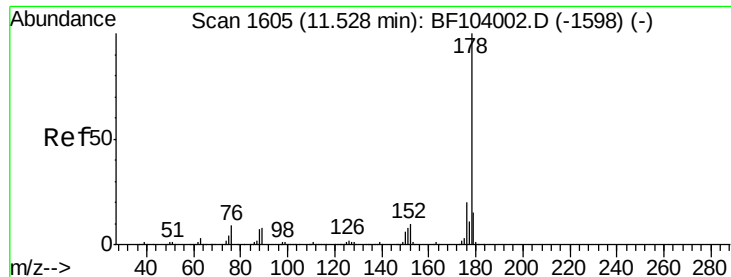
Tot Ion:138 Resp: 17848
Ion Ratio Lower Upper
138 100
92 30.8 30.2 70.2
108 55.9 52.5 92.5



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BF104014.D
Acq: 28 Mar 2018 17:11

Tgt Ion:188 Resp: 282111
Ion Ratio Lower Upper
188 100
94 13.1 8.5 12.7#
80 13.9 9.2 13.8#





#70

Phenanthrene

Concen: 2.007 ng

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: BF104014.D

Acq: 28 Mar 2018 17:11

Instrument :

BNA_F

ClientSampled :

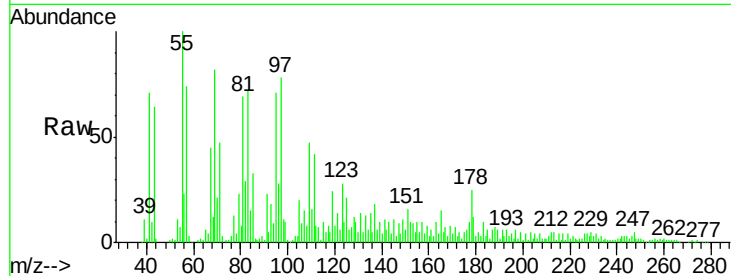
Tot Ion:178 Resp: 30658

Ion Ratio Lower Upper

178 100

176 24.3 15.8 23.8#

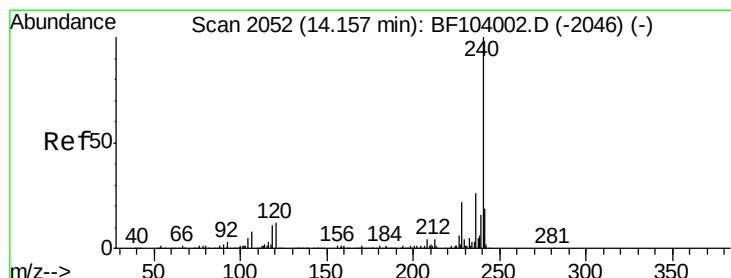
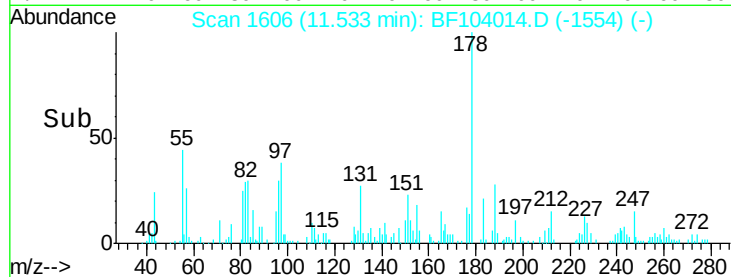
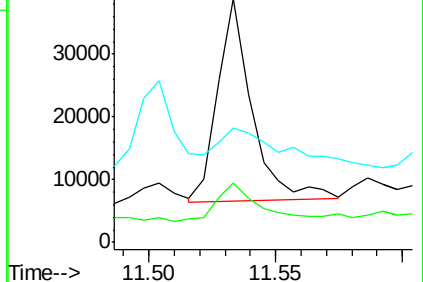
179 47.0 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104014.D

Acq: 28 Mar 2018 17:11

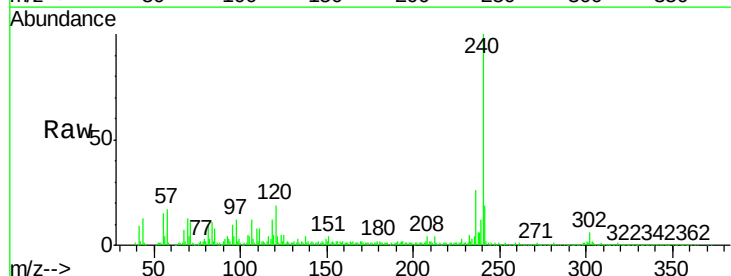
Tgt Ion:240 Resp: 243385

Ion Ratio Lower Upper

240 100

120 19.1 9.5 14.3#

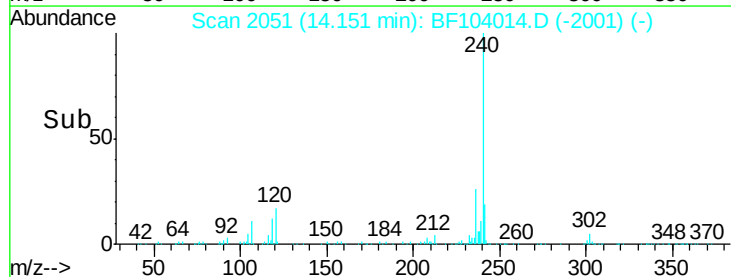
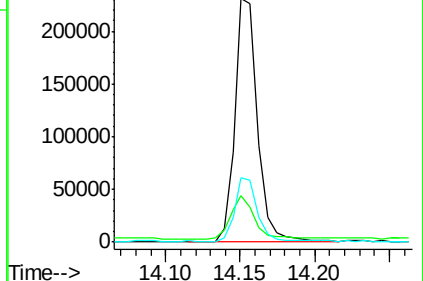
236 26.5 20.7 31.1

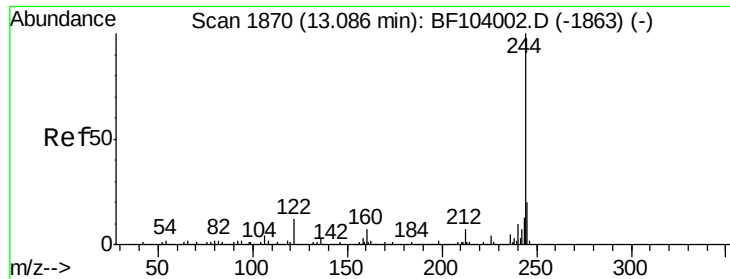


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 58.654 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF104014.D

Acq: 28 Mar 2018 17:11

Instrument :

BNA_F

ClientSampleId :

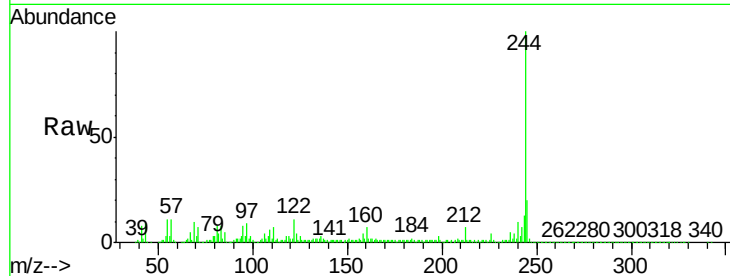
Tot Ion:244 Resp: 618271

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 11.2 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

800000

600000

400000

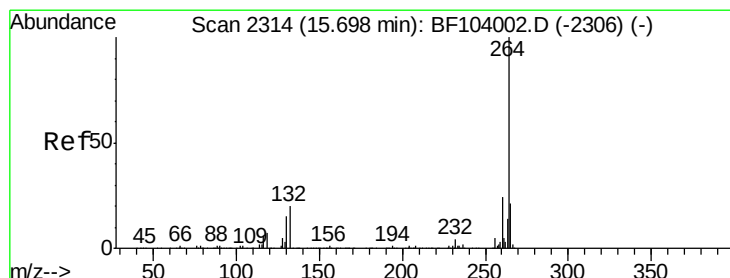
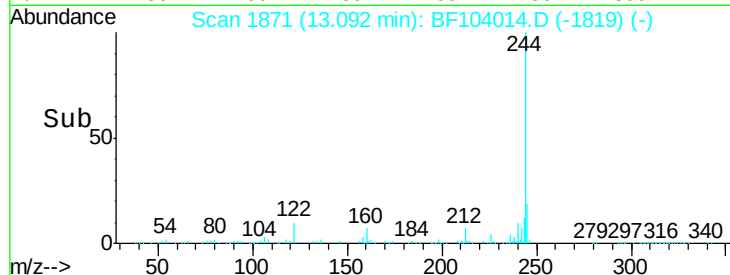
200000

0

13.09

13.00 13.10 13.20

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BF104014.D

Acq: 28 Mar 2018 17:11

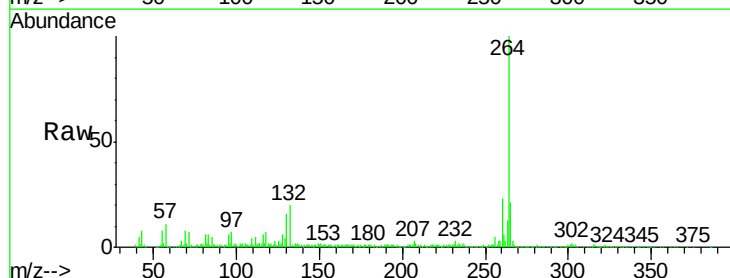
Tgt Ion:264 Resp: 259745

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 20.9 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

200000

150000

100000

50000

0

15.69

15.60 15.80

Time-->

