

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 :
 6-WM-DIP-1-EW@5.5

Quant Time: Apr 04 05:31:06 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

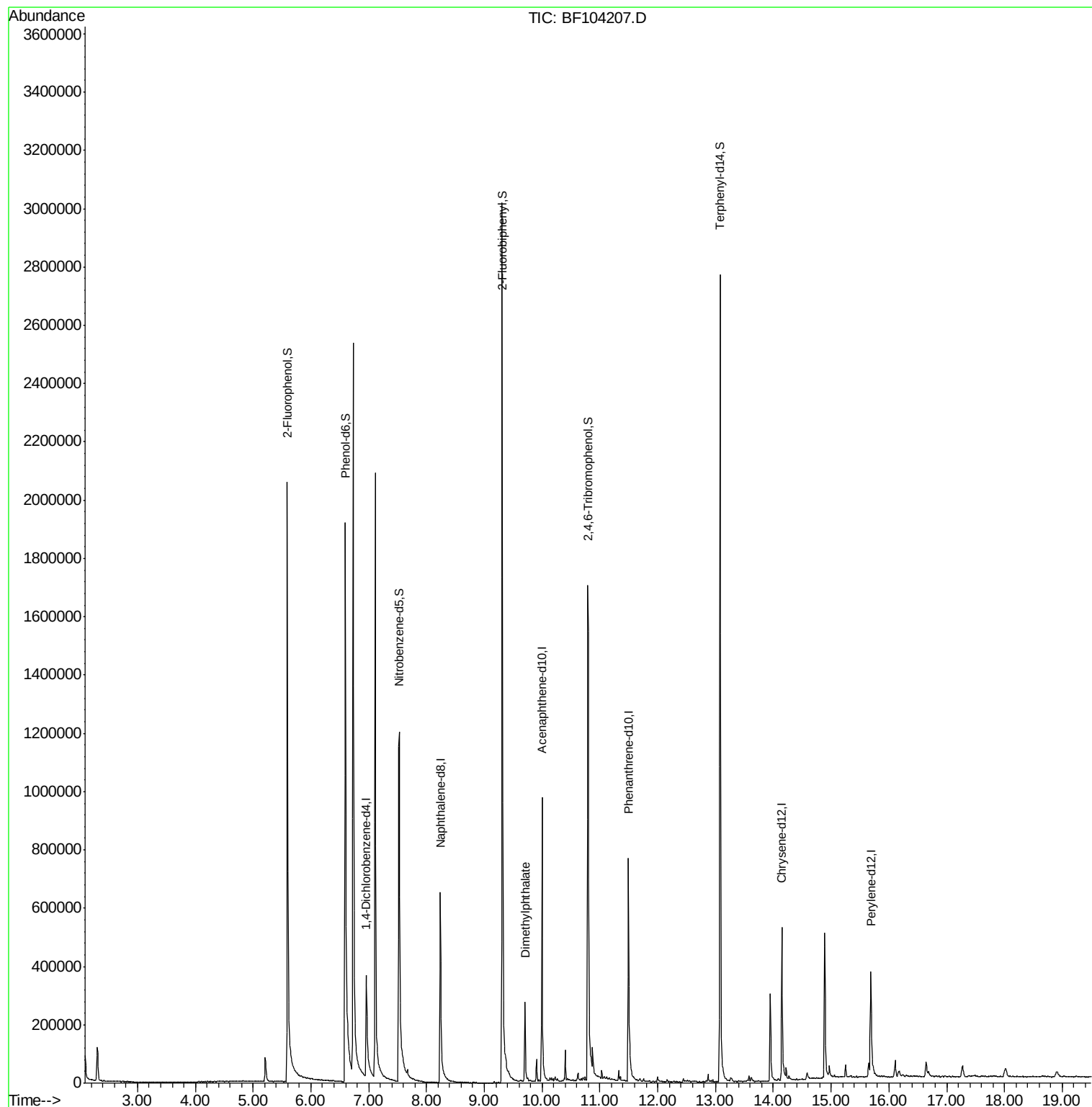
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	113559	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	480460	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	234431	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	420293	20.00	ng	0.00
75) Chrysene-d12	14.15	240	273100	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						
49) Dimethylphthalate	9.70	163	155265	8.389	ng	Qvalue 100

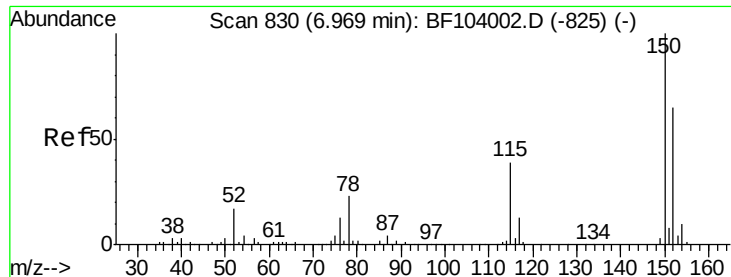
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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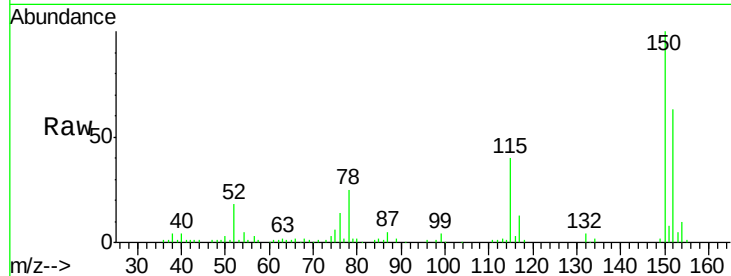


#1

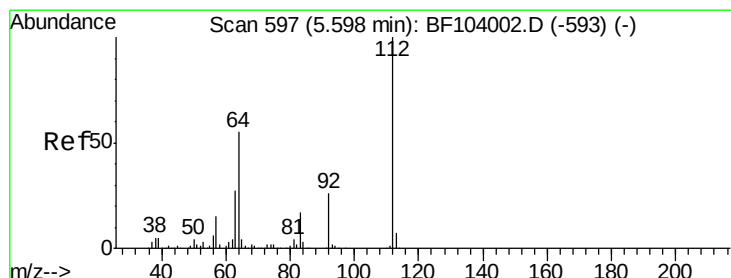
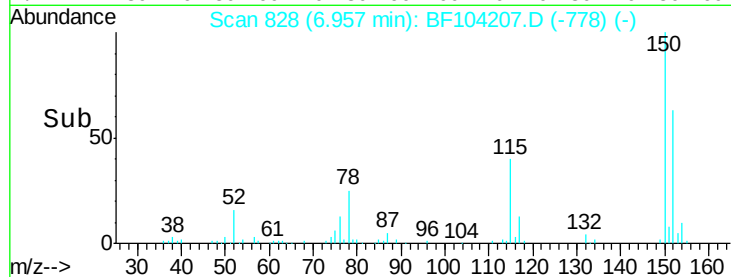
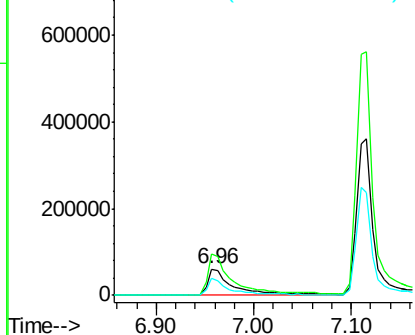
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104207.D
Acq: 4 Apr 2018 3:38

Instrument :
BNA_F
ClientSampleId :
6-WM-DIP-1-EW@5.5

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



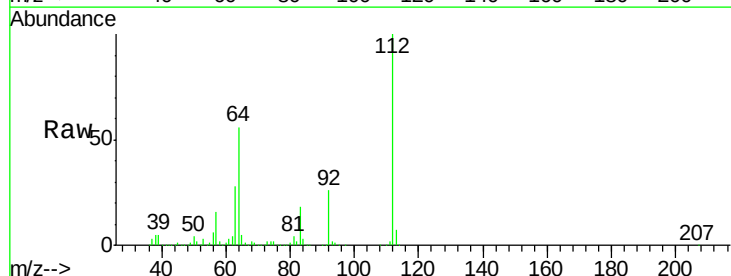
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



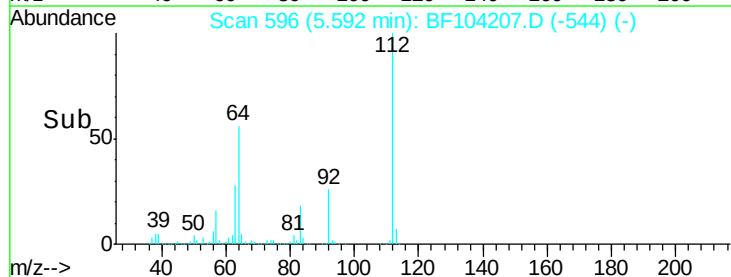
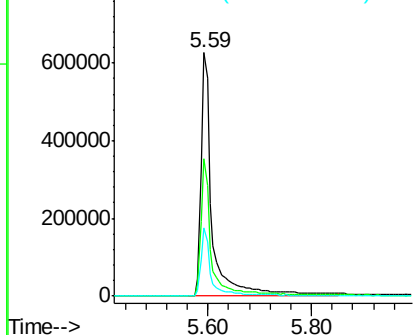
#5

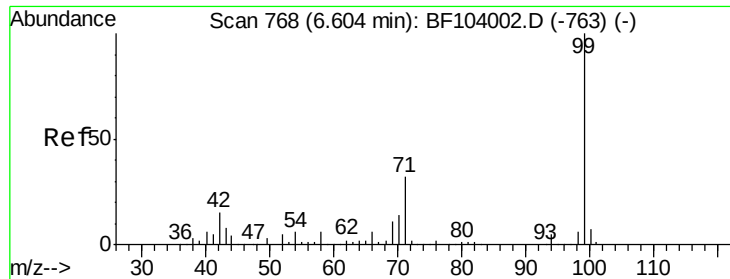
2-Fluorophenol
Concen: 133.935 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104207.D
Acq: 4 Apr 2018 3:38

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

ClientSampleId :

6-WM-DIP-1-EW@5.5

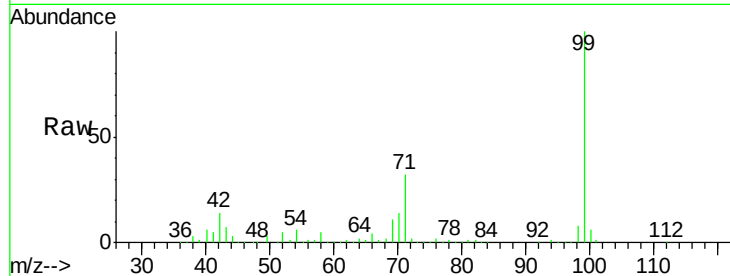
Tot Ion: 99 Resp: 1254106

Ion Ratio Lower Upper

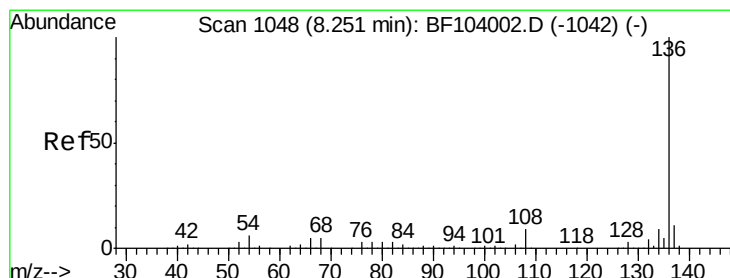
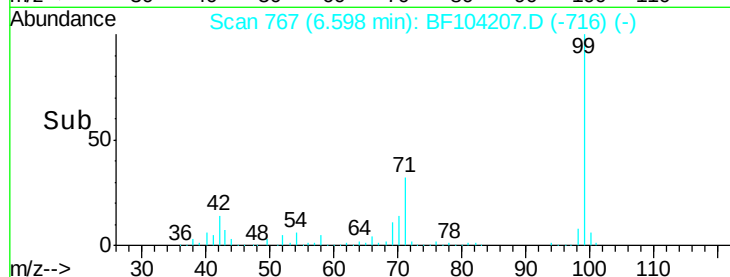
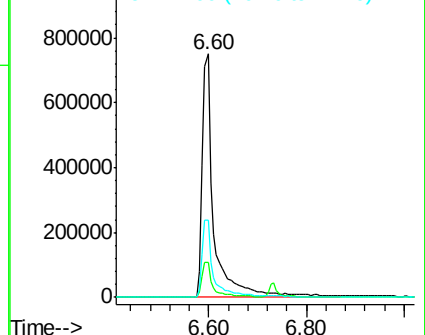
99 100

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



#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

Tgt Ion: 136 Resp: 480460

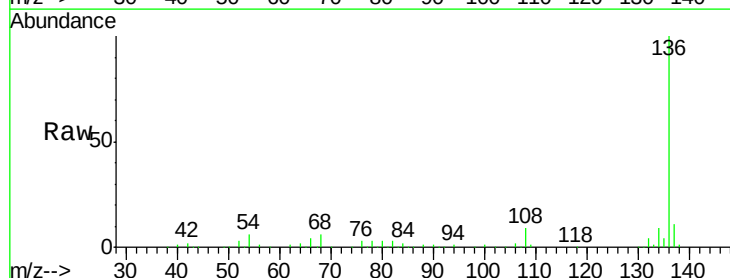
Ion Ratio Lower Upper

136 100

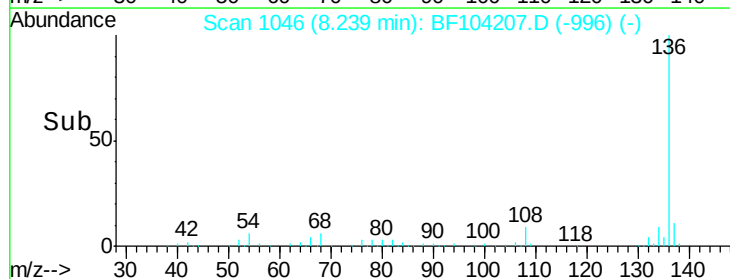
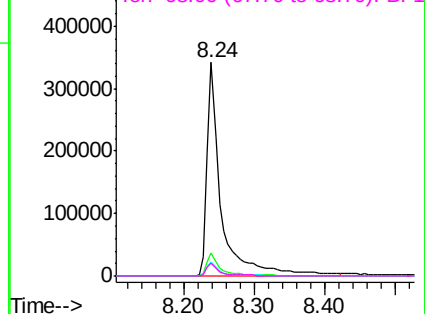
137 11.0 8.9 13.3

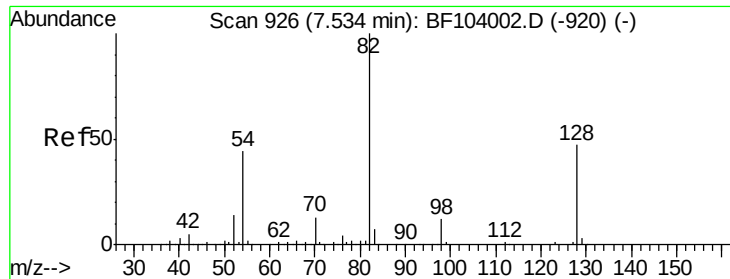
54 6.4 6.6 9.8#

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

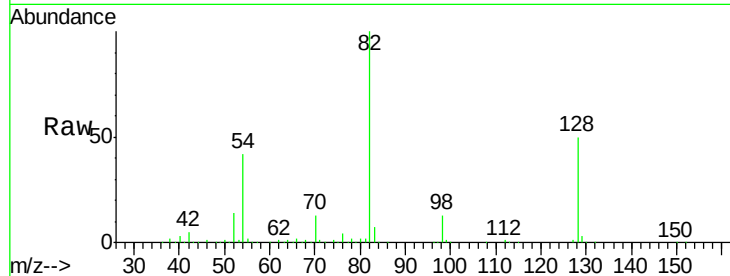




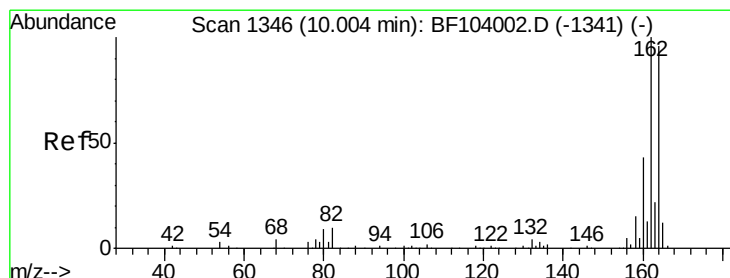
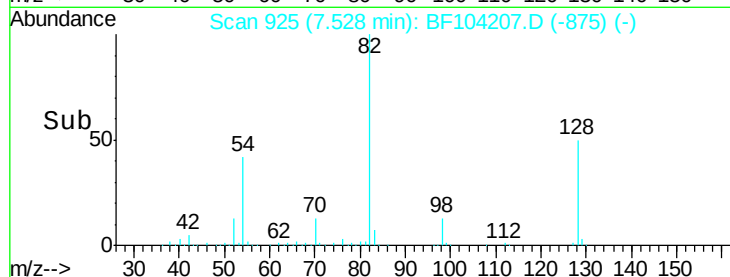
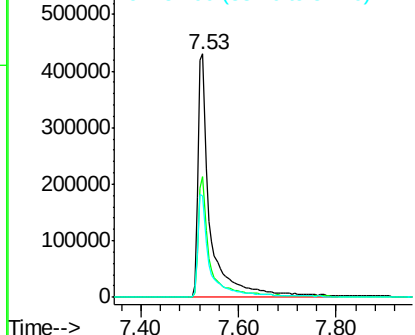
#23
Nitrobenzene-d5
Concen: 97.308 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104207.D
Acq: 4 Apr 2018 3:38

Instrument :
BNA_F
ClientSampleId :
6-WM-DIP-1-EW@5.5

Tot Ion	82	Resp	764487
Ion Ratio	Lower	Upper	
82	100		
128	49.5	36.1	54.1
54	41.9	41.4	62.2

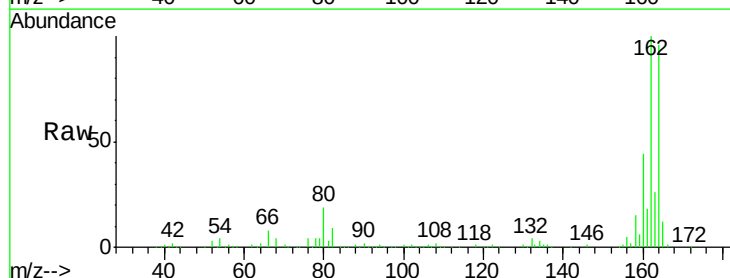


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

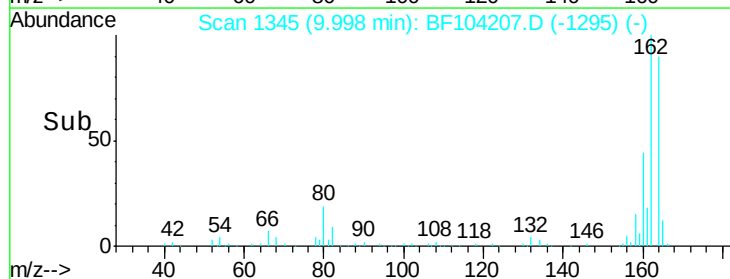
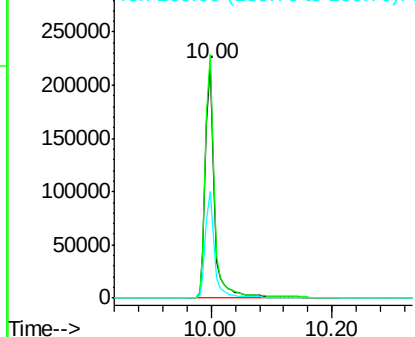


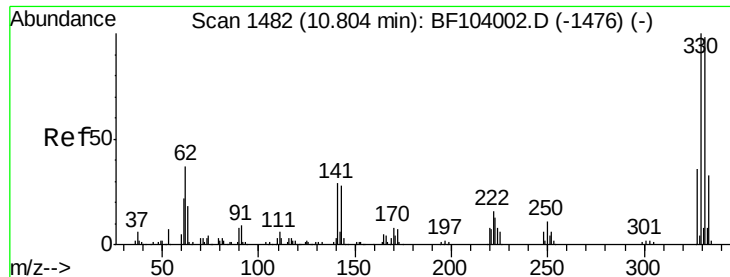
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF104207.D
Acq: 4 Apr 2018 3:38

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



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

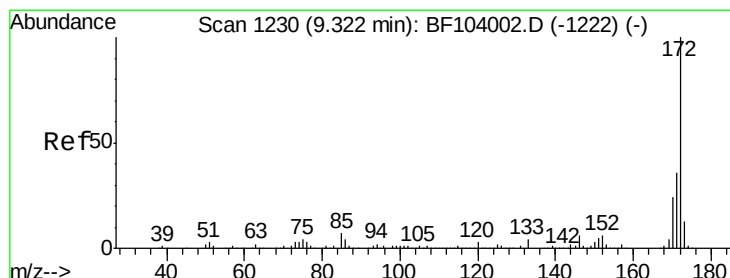
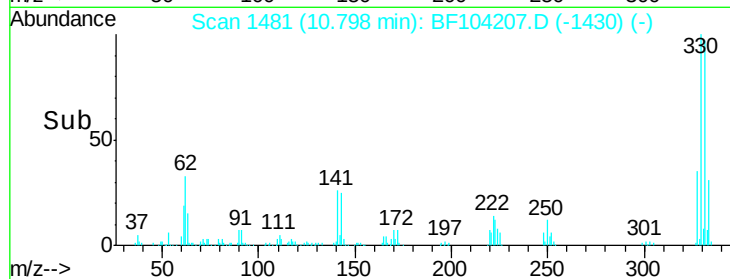
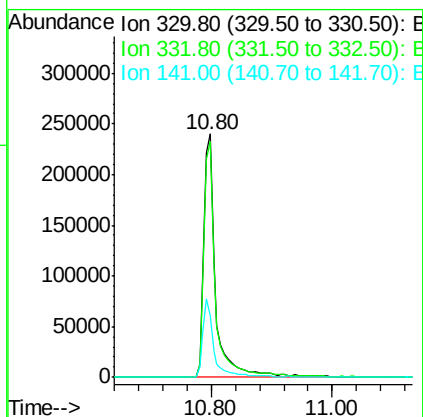
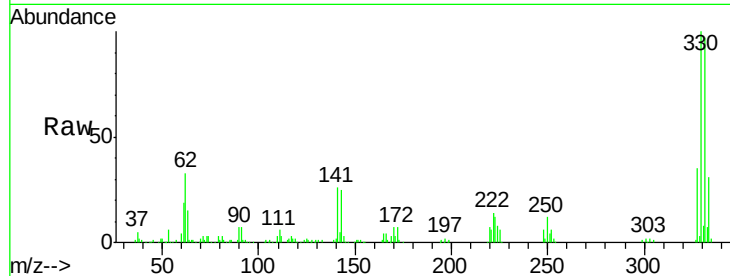




#41
 2,4,6-Tribromophenol
 Concen: 125.506 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104207.D
 Acq: 4 Apr 2018 3:38

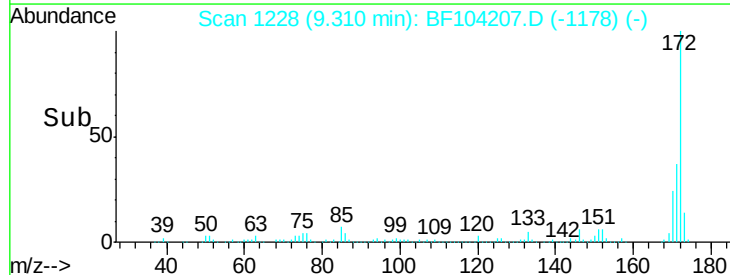
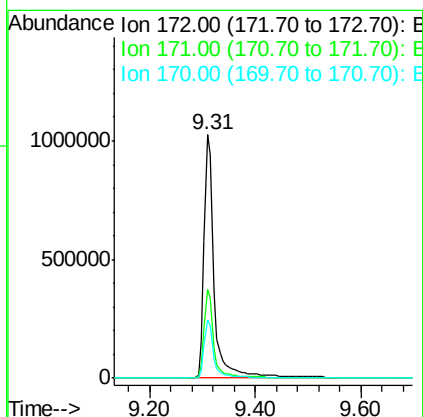
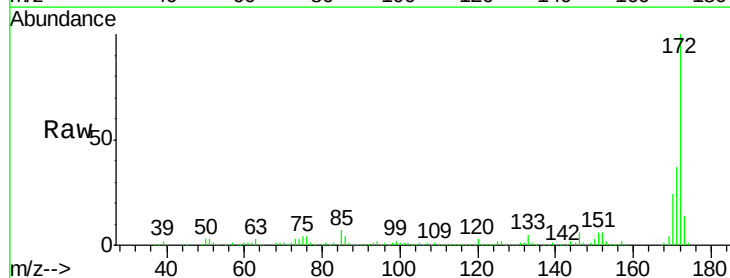
Instrument :
 BNA_F
 ClientSampleId :
 6-WM-DIP-1-EW@5.5

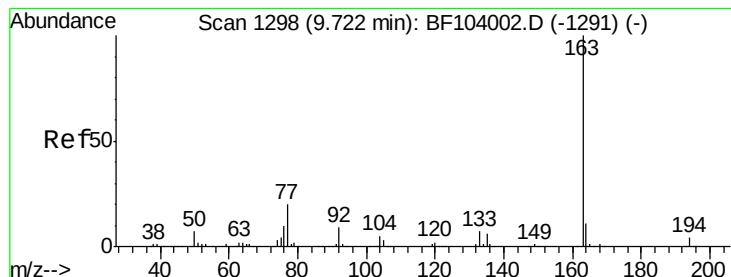
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	31.0	29.9	44.9



#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	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.6	19.6	29.4





#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 :

6-WM-DIP-1-EW@5.5

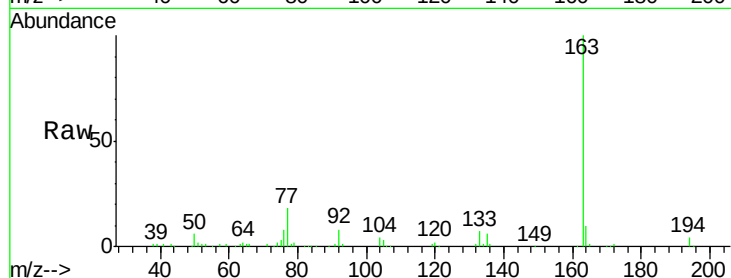
Tot Ion:163 Resp: 155265

Ion Ratio Lower Upper

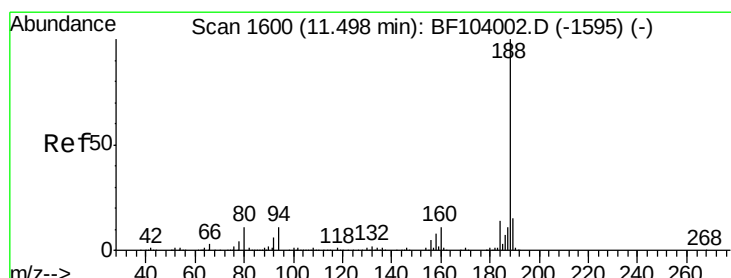
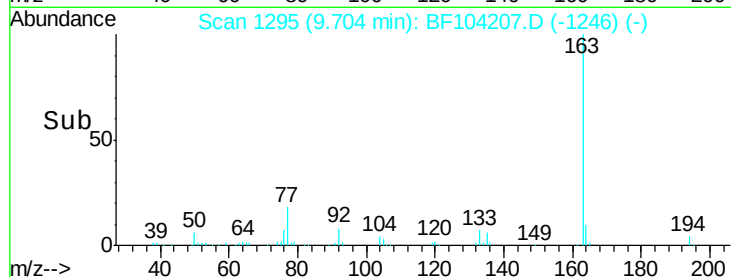
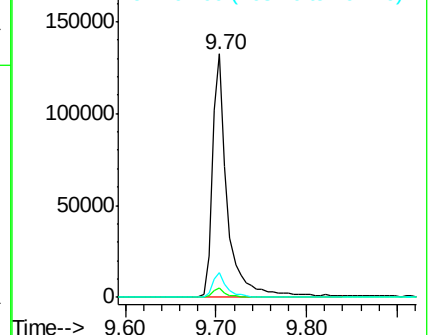
163 100

194 3.6 2.7 4.1

164 10.2 8.2 12.2



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: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF104207.D

Acq: 4 Apr 2018 3:38

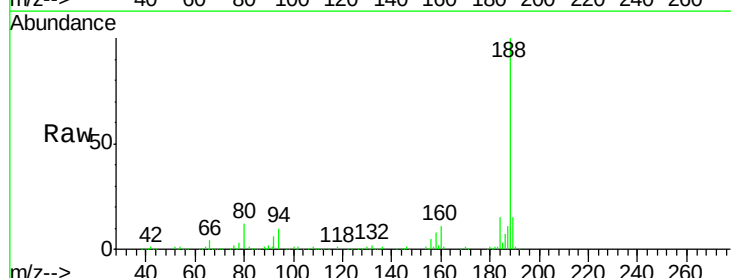
Tgt Ion:188 Resp: 420293

Ion Ratio Lower Upper

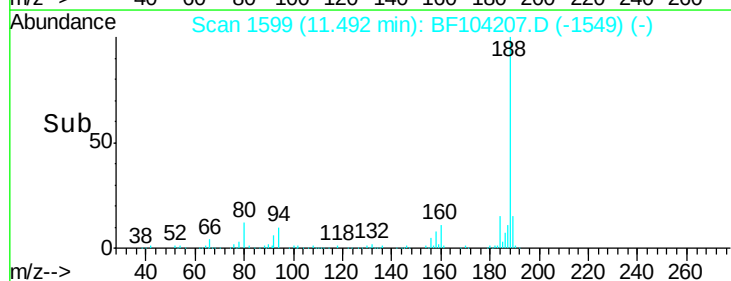
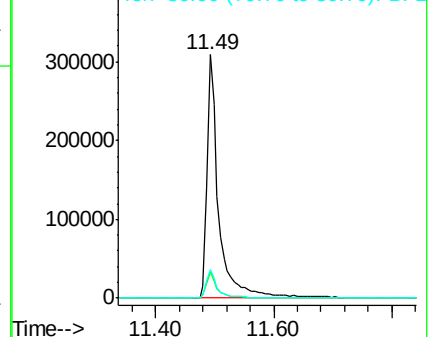
188 100

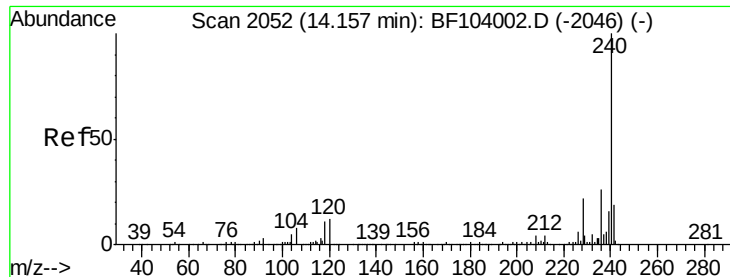
94 10.5 8.5 12.7

80 11.6 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





#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 :

6-WM-DIP-1-EW@5.5

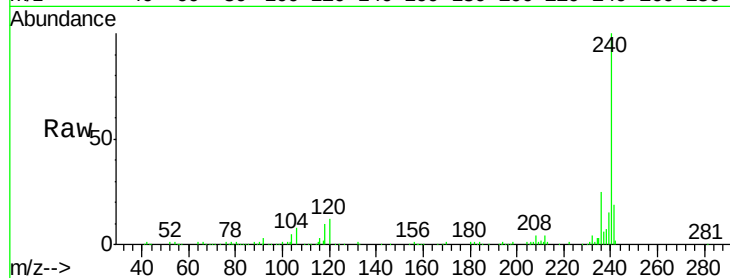
Tot Ion:240 Resp: 273100

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

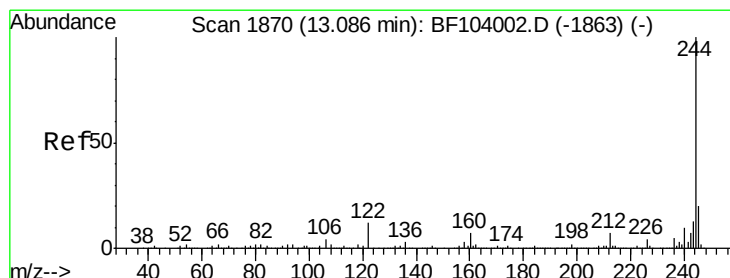
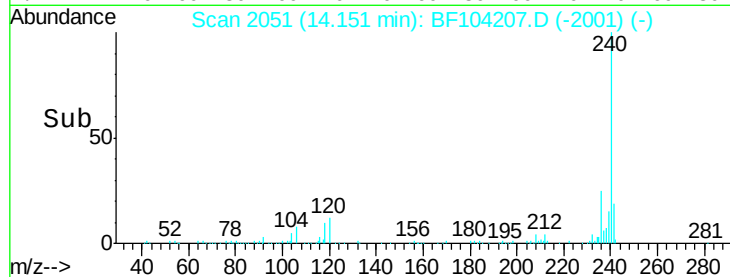
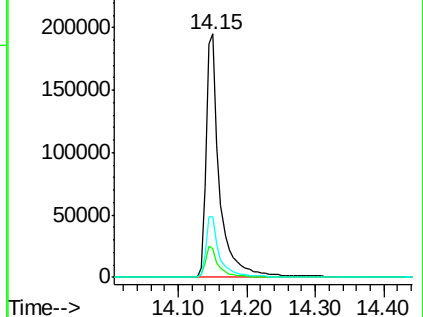
236 24.7 20.7 31.1



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

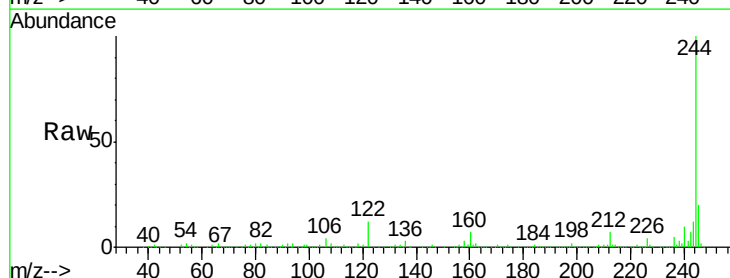
Tgt Ion:244 Resp: 1210410

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

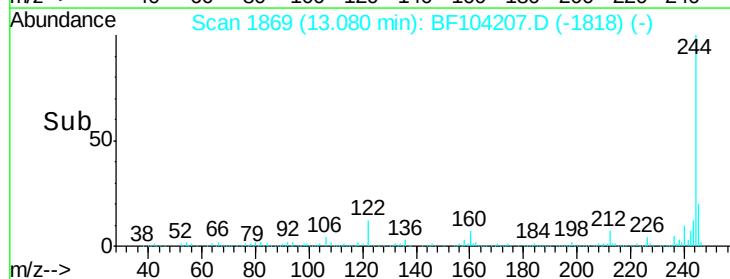
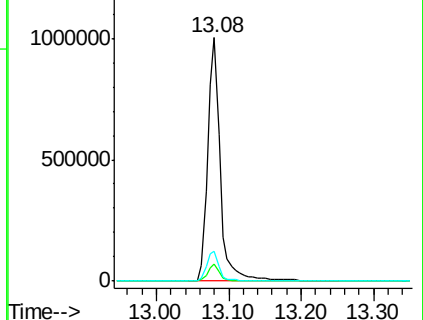
122 12.5 11.0 16.4

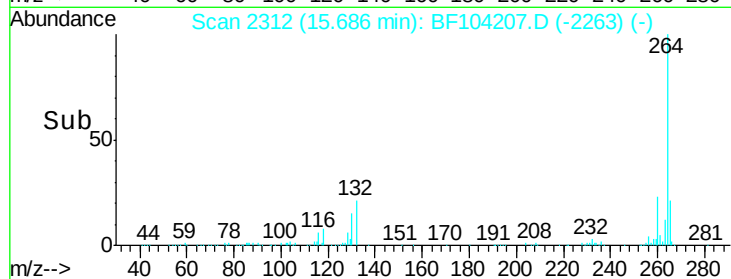
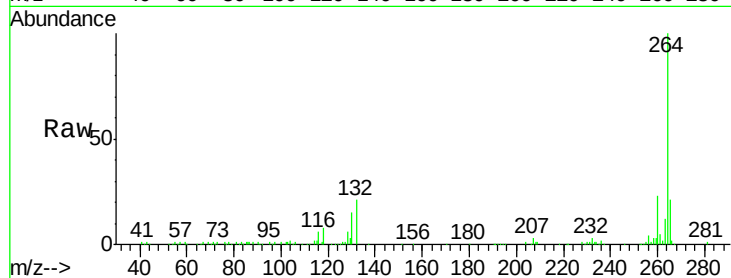
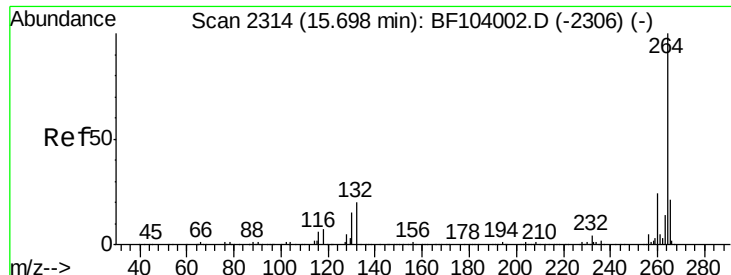


Abundance Ion 244.00 (243.70 to 244.70): E

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 :
 6-WM-DIP-1-EW@5.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	20.7	17.5	26.3

