

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104287.D
 Acq On : 5 Apr 2018 23:12
 Operator : JU/SJ
 Sample : J2227-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Quant Time: Apr 06 02:19:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

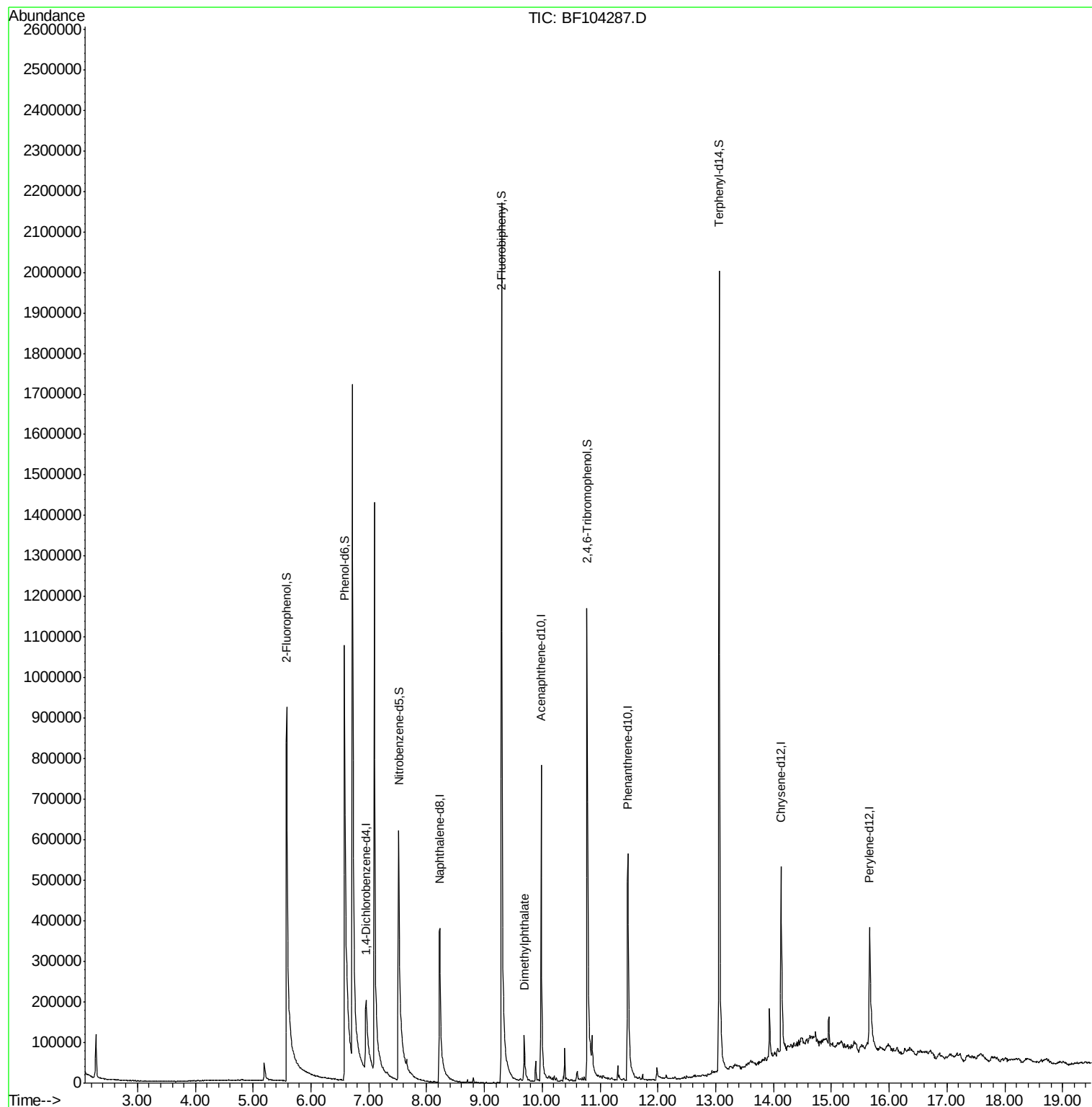
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	101270	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	459334	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	221326	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	406321	20.00	ng	0.00
75) Chrysene-d12	14.13	240	264920	20.00	ng	-0.01
86) Perylene-d12	15.66	264	218487	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	720300	113.43	ng	-0.01
7) Phenol-d6	6.58	99	1041629	133.33	ng	-0.02
23) Nitrobenzene-d5	7.52	82	612787	81.59	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	274990	111.58	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1169837	83.35	ng	0.00
78) Terphenyl-d14	13.06	244	999236	87.09	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.69	163	82397	4.715	ng	Qvalue 99

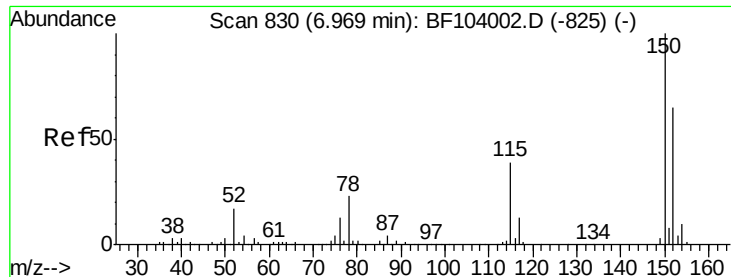
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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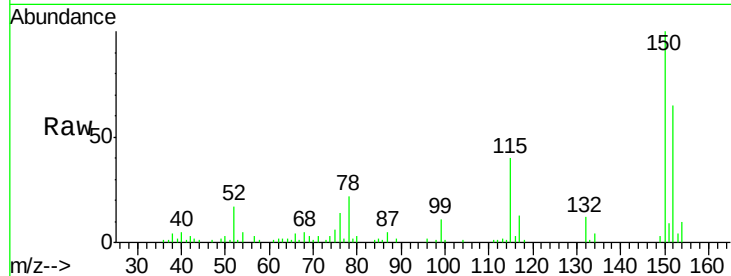


#1

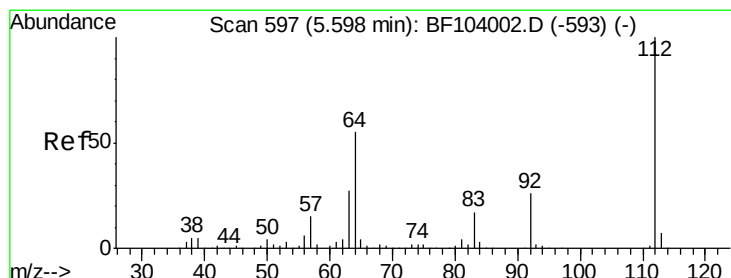
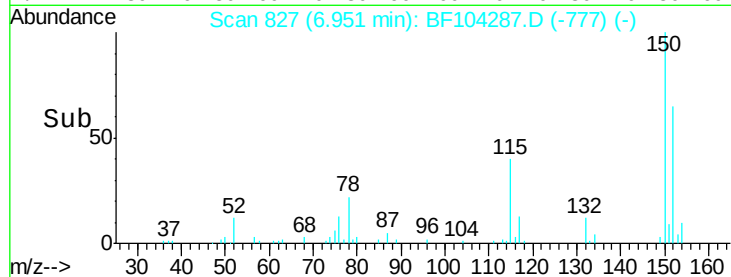
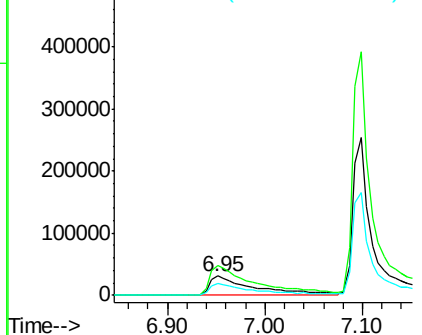
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104287.D
Acq: 5 Apr 2018 23:12

Instrument :
BNA_F
ClientSampled :
SB-3

Tot Ion:152 Resp: 101270
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 61.7 50.1 75.1



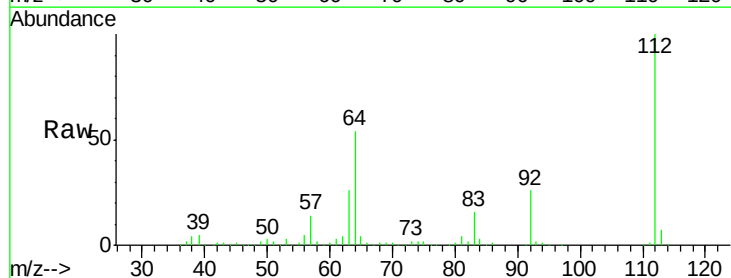
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



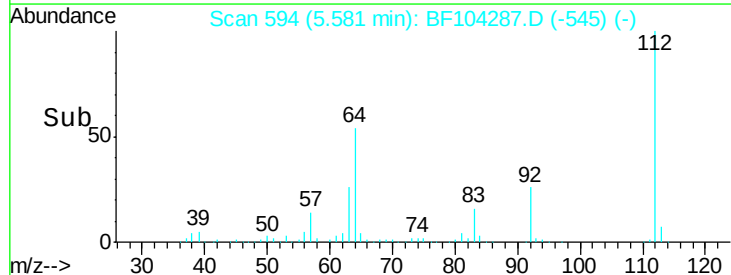
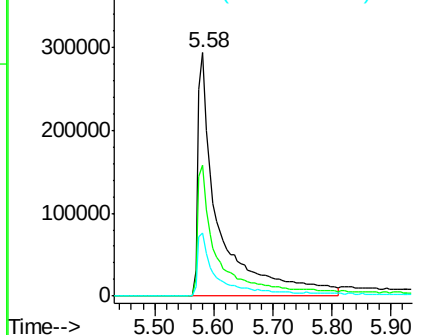
#5

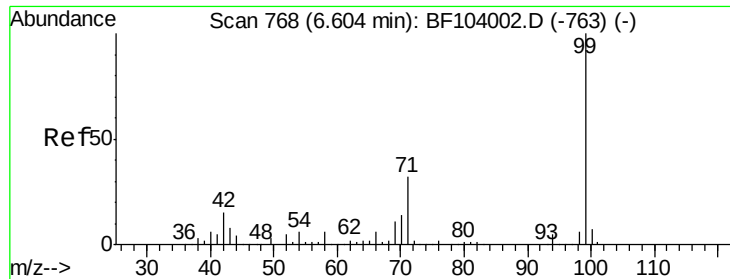
2-Fluorophenol
Concen: 113.429 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF104287.D
Acq: 5 Apr 2018 23:12

Tgt Ion:112 Resp: 720300
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 25.9 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: 133.325 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF104287.D

Acq: 5 Apr 2018 23:12

Instrument :

BNA_F

ClientSampled :

SB-3

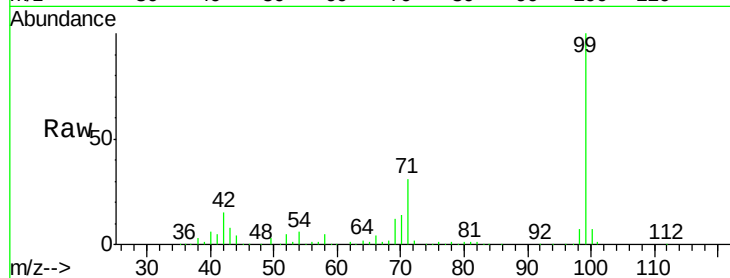
Tot Ion: 99 Resp: 1041629

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

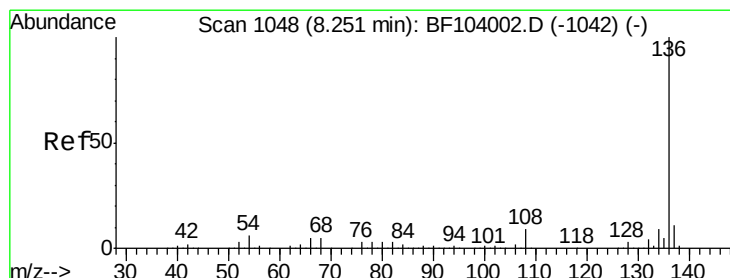
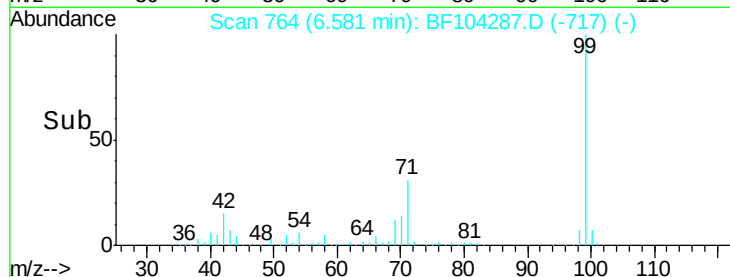
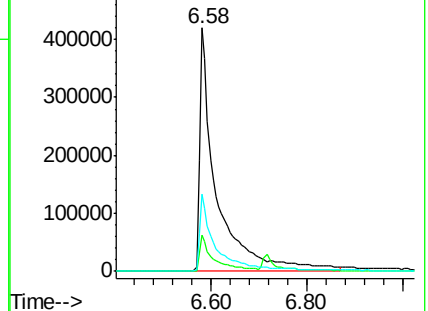
71 31.5 25.4 38.0



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: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF104287.D

Acq: 5 Apr 2018 23:12

Tgt Ion: 136 Resp: 459334

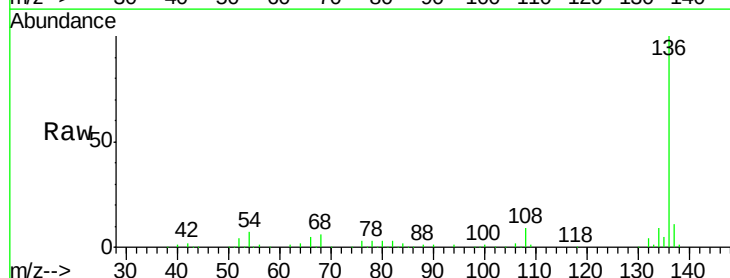
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.8 6.6 9.8

68 6.3 5.0 7.4

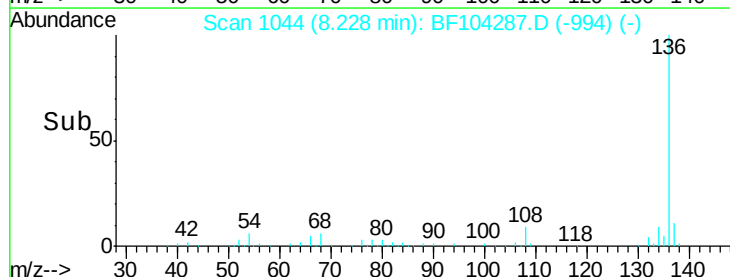
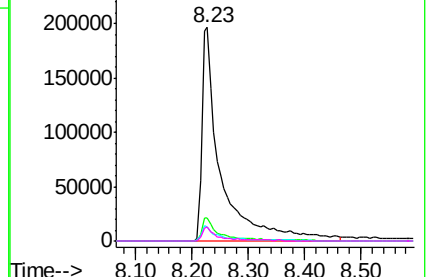


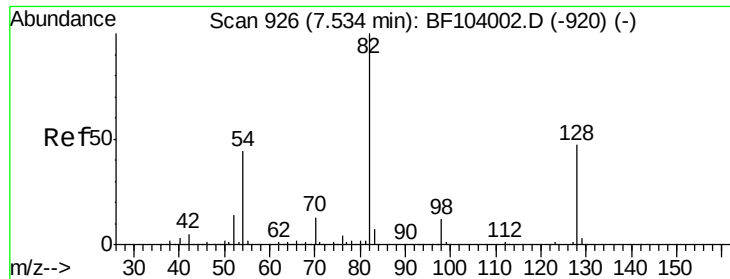
Abundance Ion 136.00 (135.70 to 136.70): E

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

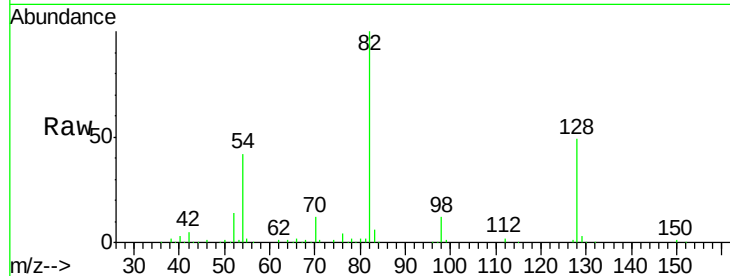




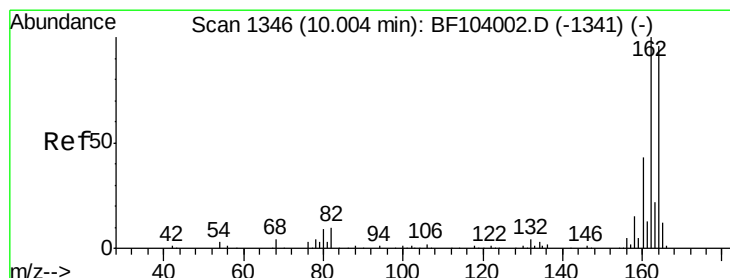
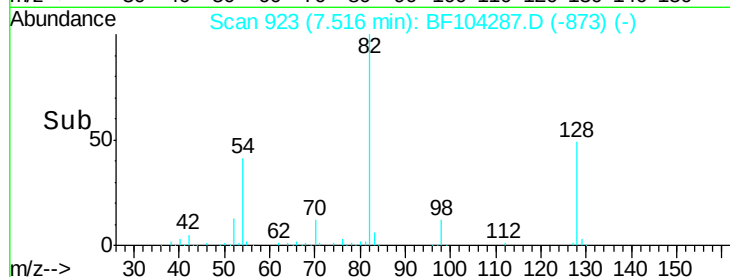
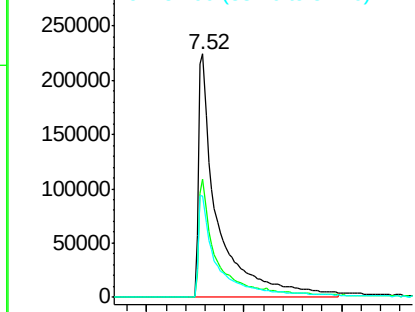
#23
Nitrobenzene-d5
Concen: 81.586 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104287.D
Acq: 5 Apr 2018 23:12

Instrument :
BNA_F
ClientSampleId :
SB-3

Tot Ion: 82 Resp: 612787
Ion Ratio Lower Upper
82 100
128 48.6 36.1 54.1
54 41.6 41.4 62.2

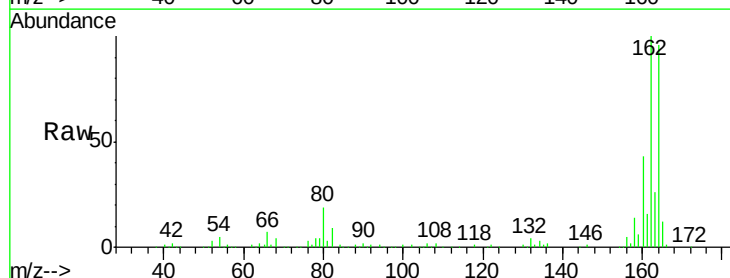


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

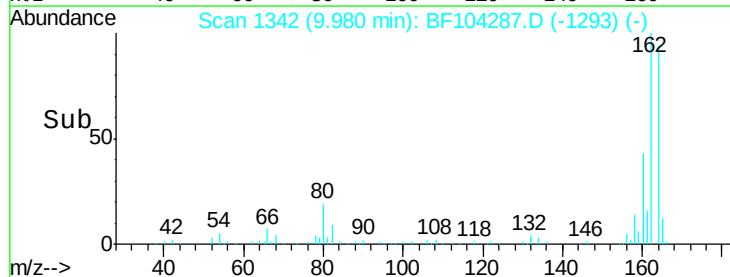
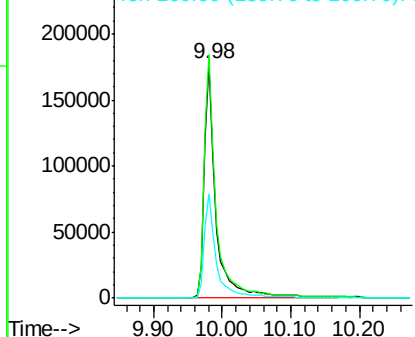


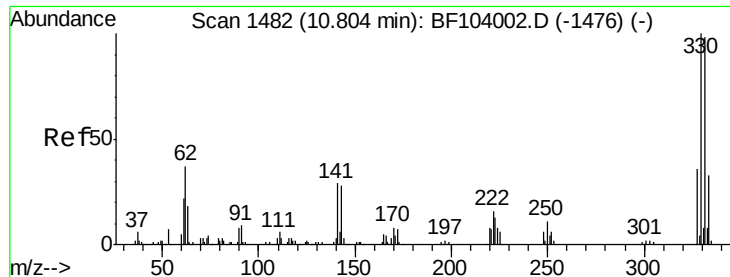
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF104287.D
Acq: 5 Apr 2018 23:12

Tgt Ion:164 Resp: 221326
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 44.7 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

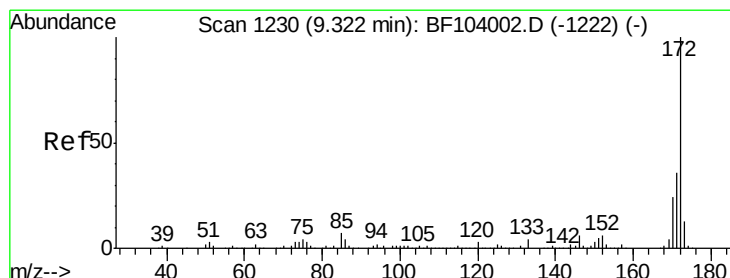
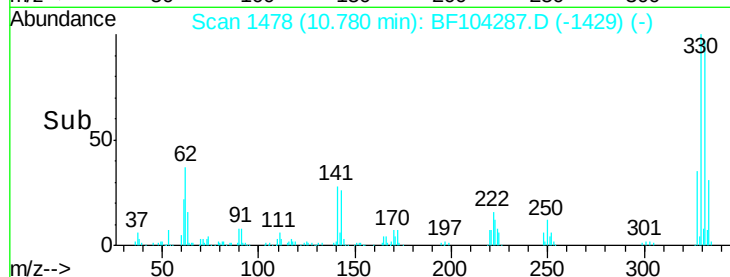
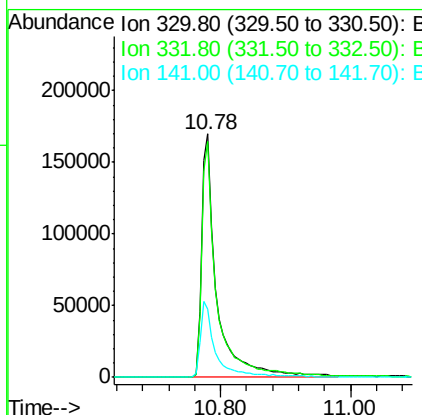
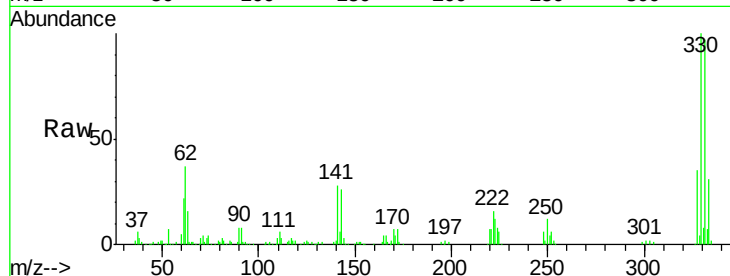




#41
 2,4,6-Tribromophenol
 Concen: 111.582 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF104287.D
 Acq: 5 Apr 2018 23:12

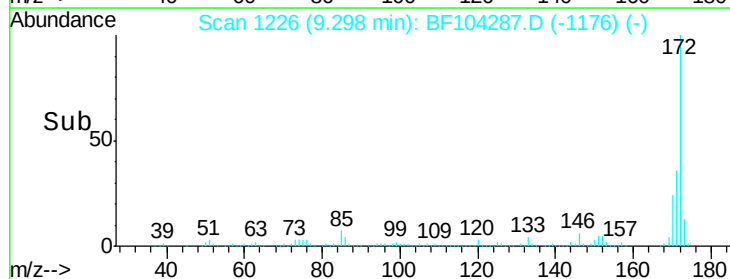
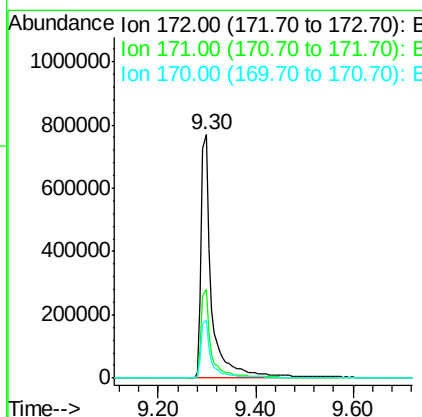
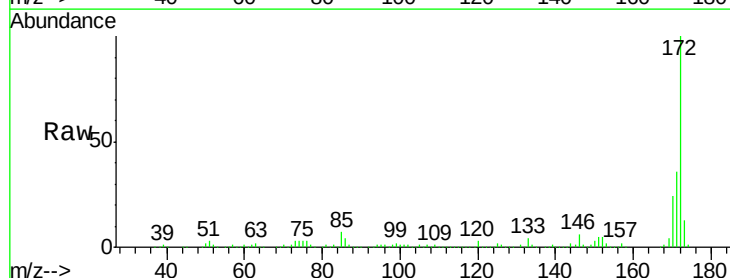
Instrument :
 BNA_F
 ClientSampleId :
 SB-3

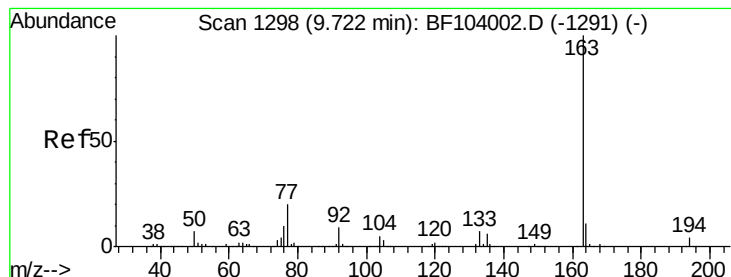
Tot Ion:330 Resp: 274990
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 31.9 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 83.349 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104287.D
 Acq: 5 Apr 2018 23:12

Tgt Ion:172 Resp: 1169837
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.1 19.6 29.4





#49

Dimethylphthalate

Concen: 4.715 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF104287.D

Acq: 5 Apr 2018 23:12

Instrument :

BNA_F

ClientSampleId :

SB-3

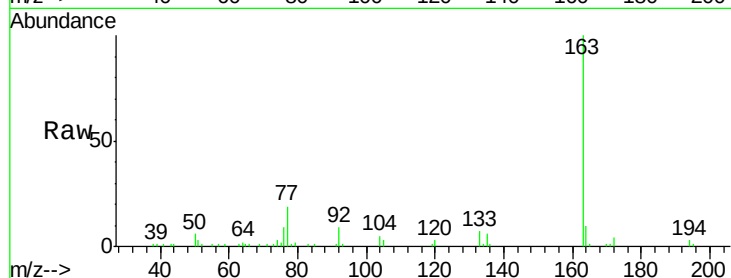
Tot Ion:163 Resp: 82397

Ion Ratio Lower Upper

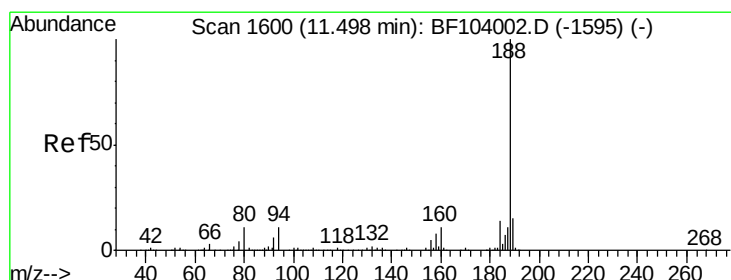
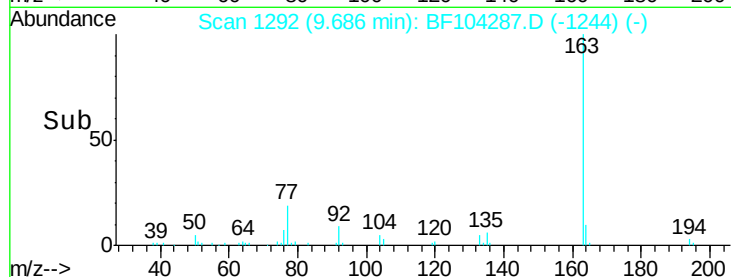
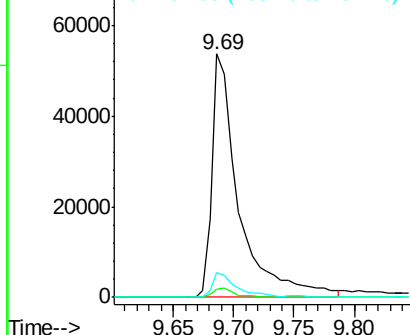
163 100

194 3.4 2.7 4.1

164 9.9 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: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF104287.D

Acq: 5 Apr 2018 23:12

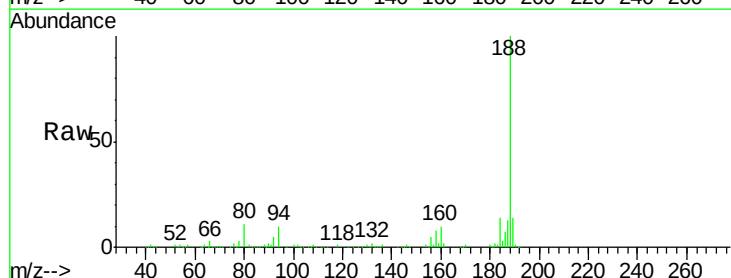
Tgt Ion:188 Resp: 406321

Ion Ratio Lower Upper

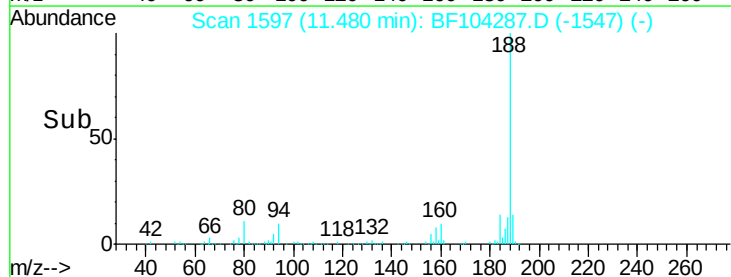
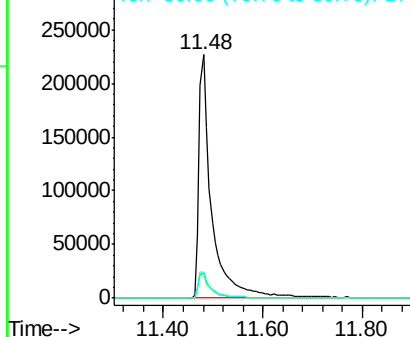
188 100

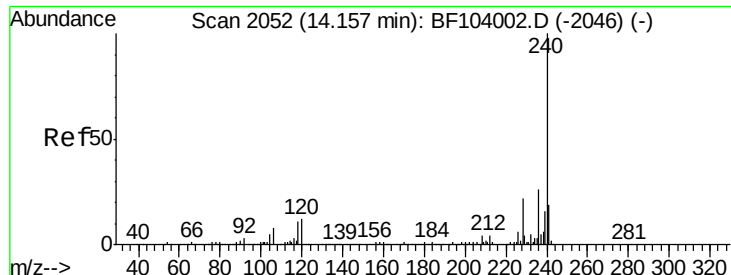
94 10.0 8.5 12.7

80 10.5 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: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF104287.D

Acq: 5 Apr 2018 23:12

Instrument :

BNA_F

ClientSampleId :

SB-3

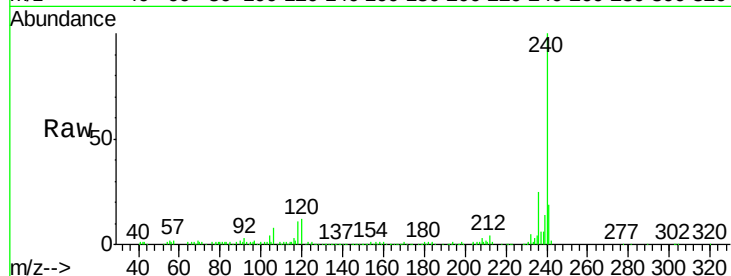
Tot Ion:240 Resp: 264920

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

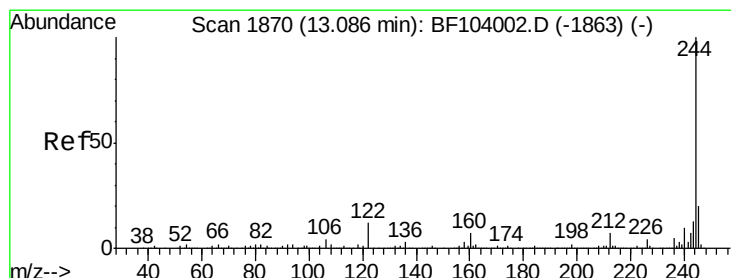
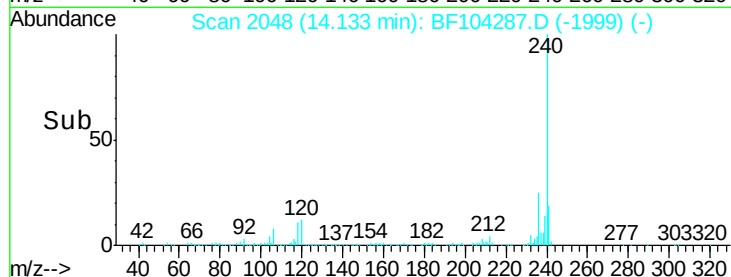
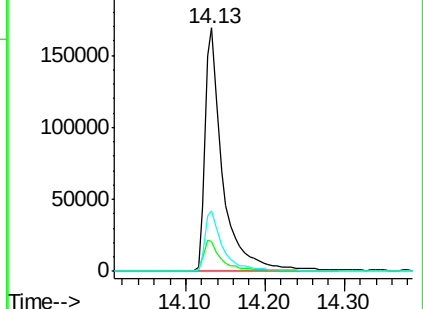
236 25.0 20.7 31.1



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: 87.090 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104287.D

Acq: 5 Apr 2018 23:12

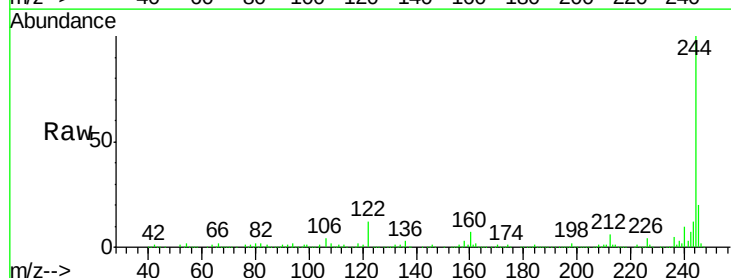
Tgt Ion:244 Resp: 999236

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

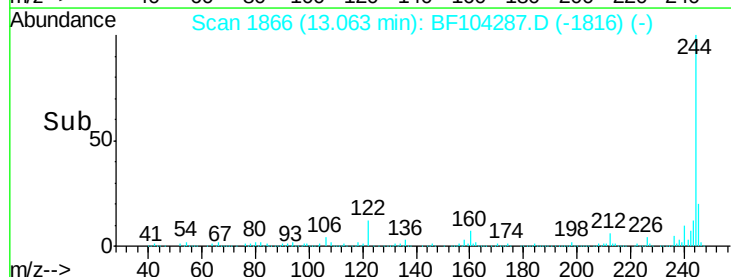
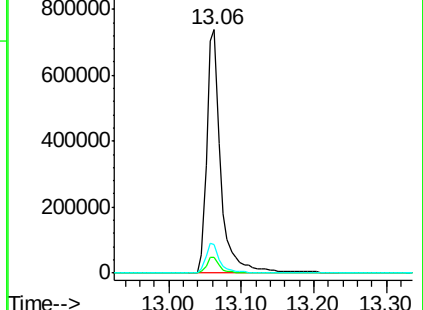
122 11.5 11.0 16.4

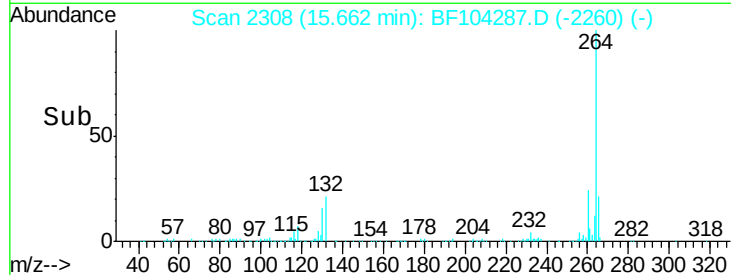
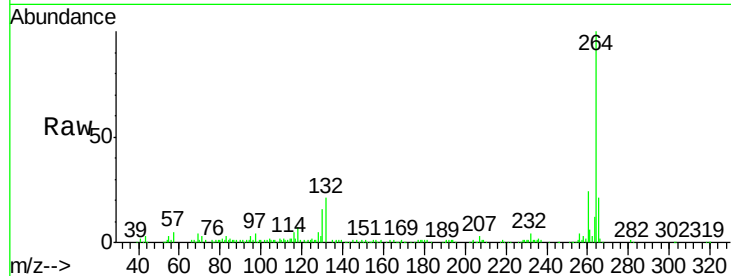
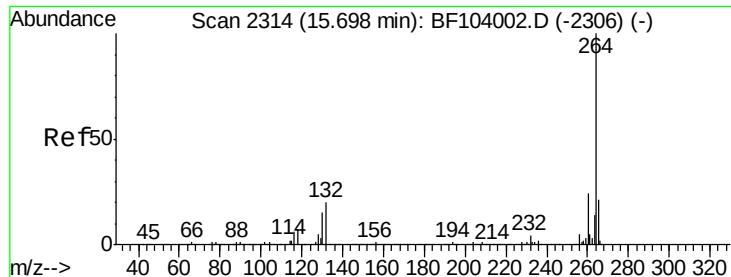


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.66 min Scan# 2308
 Delta R.T. -0.02 min
 Lab File: BF104287.D
 Acq: 5 Apr 2018 23:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Tot Ion:264	Resp:	218487
Ion Ratio	Lower	Upper
264	100	
260	23.7	19.2 28.8
265	20.9	17.5 26.3

