

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096013.D
 Acq On : 19 Jun 2017 18:56
 Operator : SJ/MA
 Sample : I3703-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-1

Quant Time: Jun 20 02:46:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

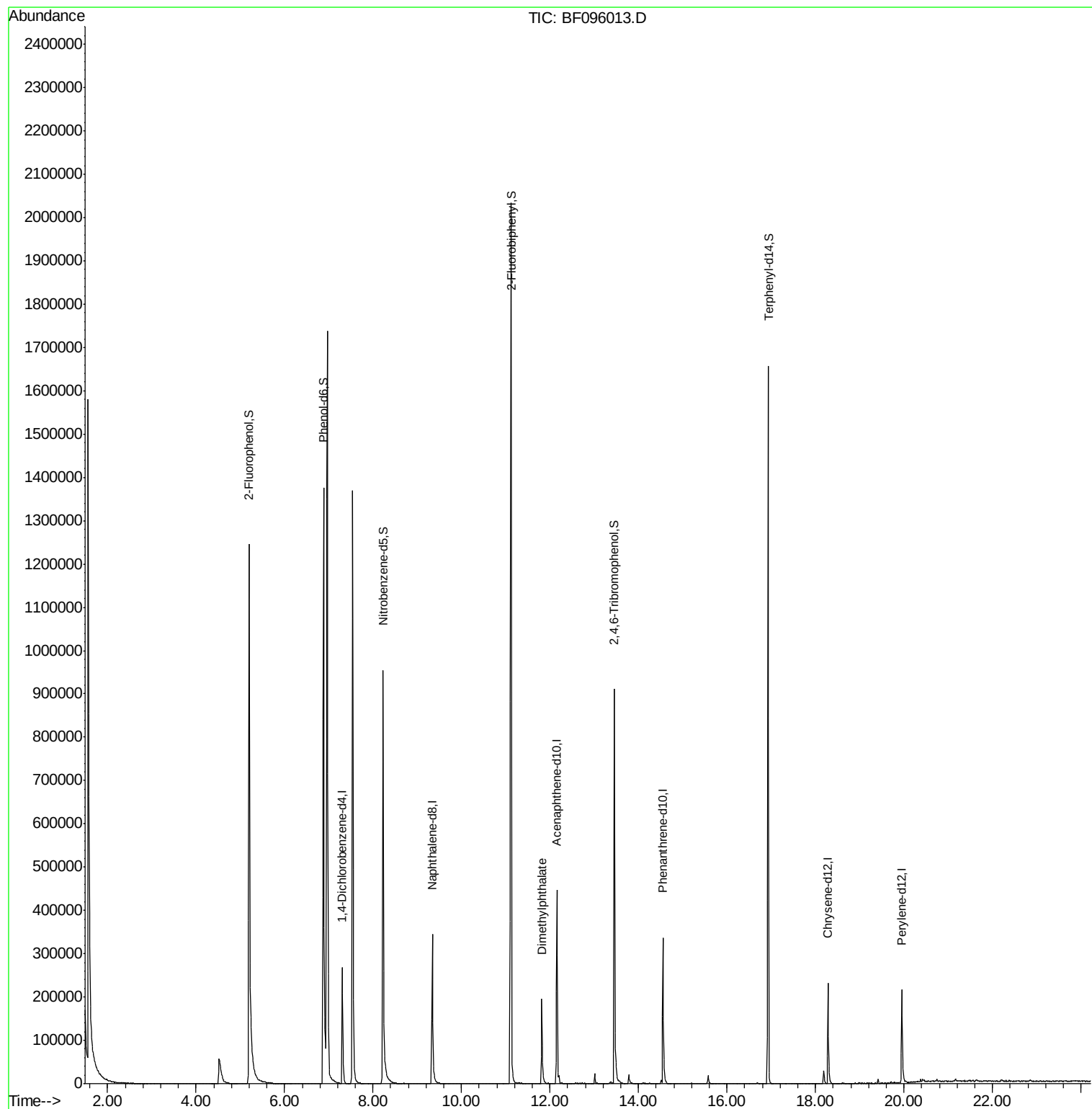
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	72046	20.00	ng	-0.02
21) Naphthalene-d8	9.34	136	306149	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	132728	20.00	ng	-0.02
63) Phenanthrene-d10	14.55	188	222689	20.00	ng	-0.02
75) Chrysene-d12	18.28	240	129618	20.00	ng	-0.02
86) Perylene-d12	19.95	264	125042	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	753054	166.55	ng	-0.02
7) Phenol-d6	6.88	99	915818	169.19	ng	-0.03
23) Nitrobenzene-d5	8.23	82	544428	110.44	ng	-0.02
41) 2,4,6-Tribromophenol	13.46	330	174576	148.66	ng	-0.02
44) 2-Fluorobiphenyl	11.12	172	1026517	107.62	ng	-0.02
78) Terphenyl-d14	16.93	244	654014	125.22	ng	-0.02
Target Compounds						
49) Dimethylphthalate	11.82	163	145644	14.45	ng	Qvalue 97

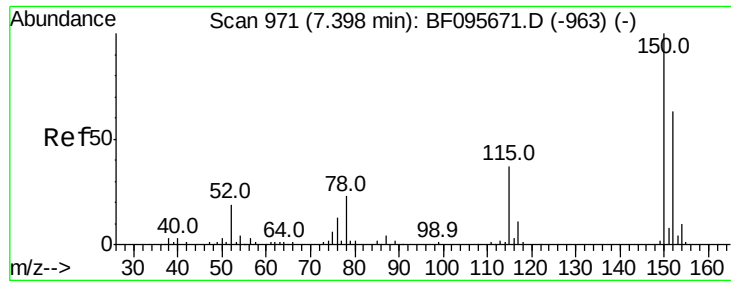
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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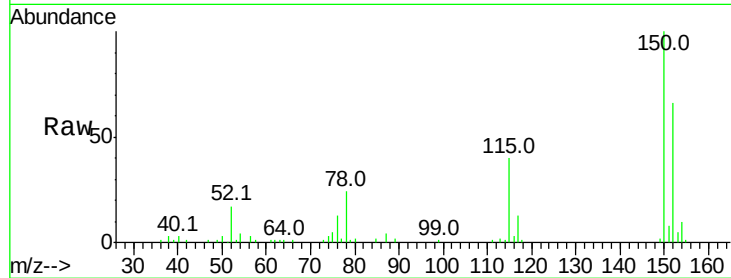


#1

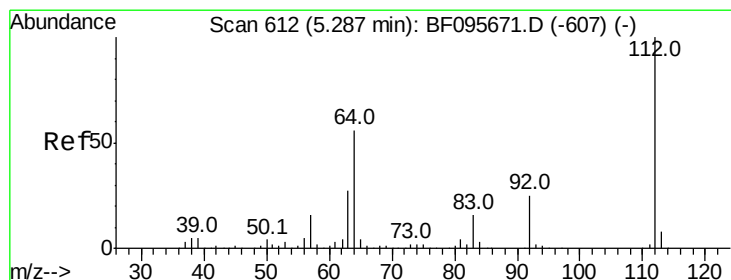
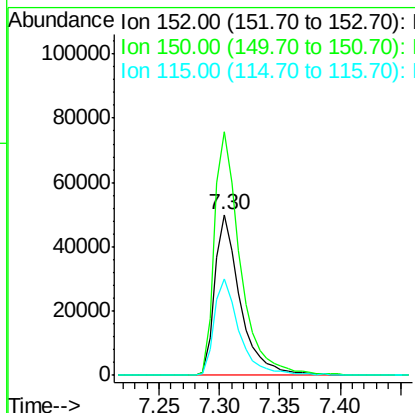
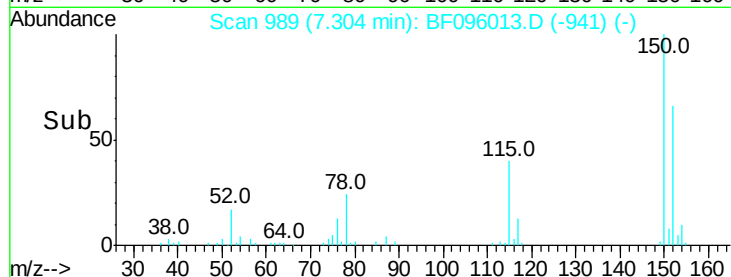
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096013.D
Acq: 19 Jun 2017 18:56

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-1

Tot Ion:152 Resp: 72046
Ion Ratio Lower Upper
152 100
150 151.6 126.2 189.2
115 60.0 52.2 78.2



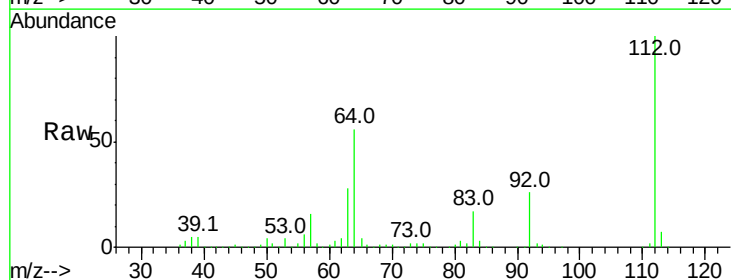
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



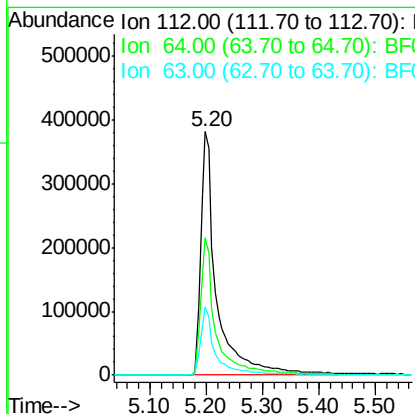
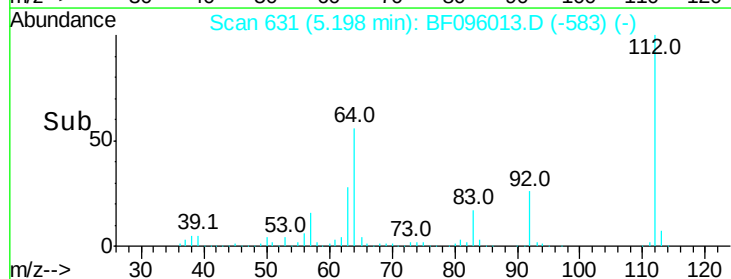
#5

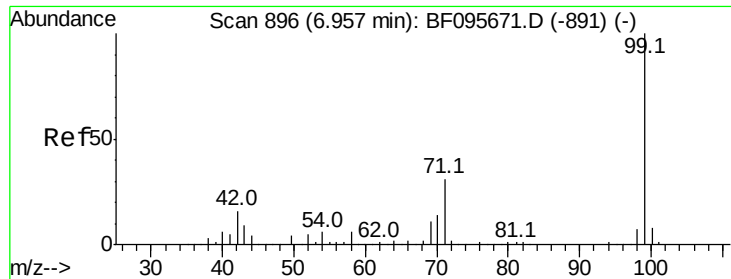
2-Fluorophenol
Concen: 166.55 ng
RT: 5.20 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF096013.D
Acq: 19 Jun 2017 18:56

Tgt Ion:112 Resp: 753054
Ion Ratio Lower Upper
112 100
64 56.3 46.0 69.0
63 28.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 169.19 ng

RT: 6.88 min Scan# 917

Delta R.T. -0.03 min

Lab File: BF096013.D

Acq: 19 Jun 2017 18:56

Instrument :

BNA_F

ClientSampleId :

CLEANSAND-1

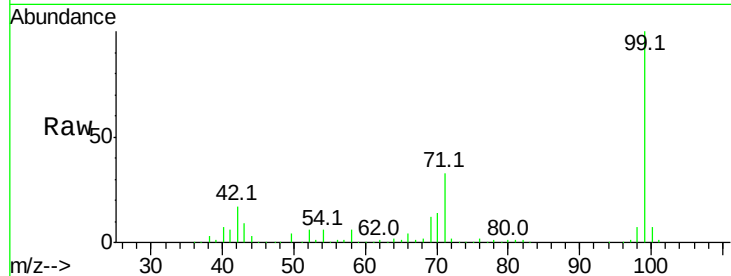
Tot Ion: 99 Resp: 915818

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

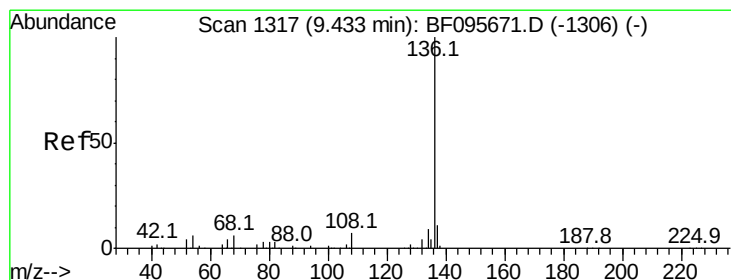
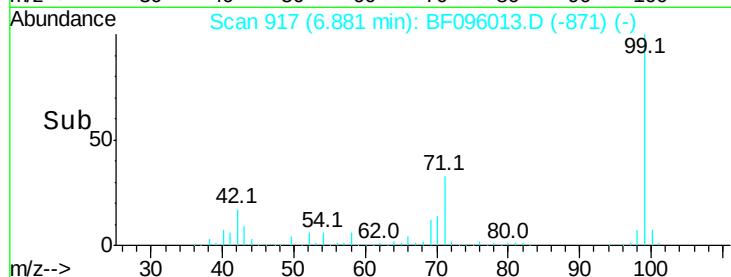
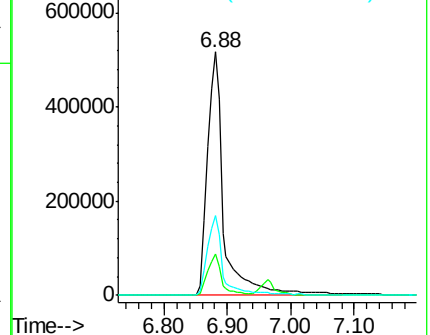
71 32.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.34 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF096013.D

Acq: 19 Jun 2017 18:56

Tgt Ion: 136 Resp: 306149

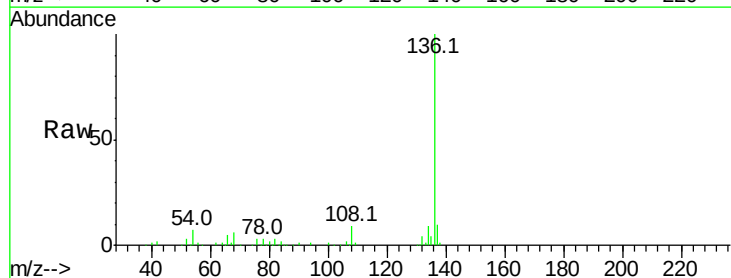
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.5 4.9 7.3

68 5.5 4.1 6.1

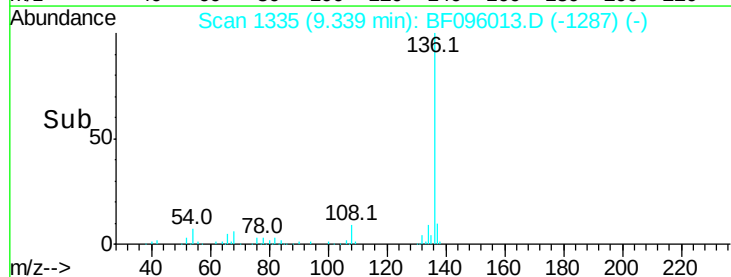
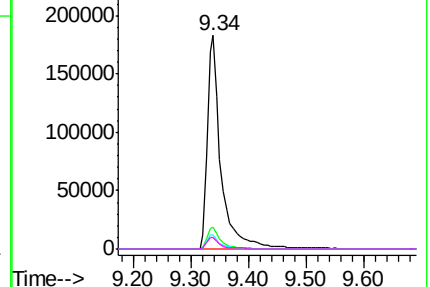


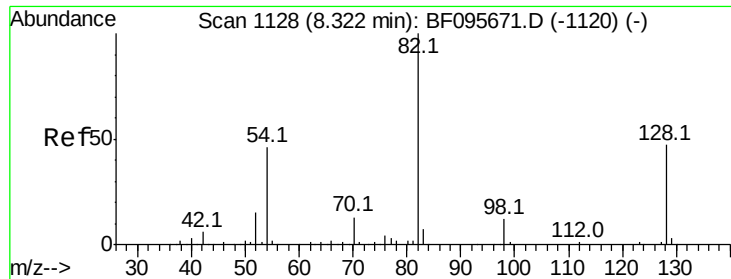
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

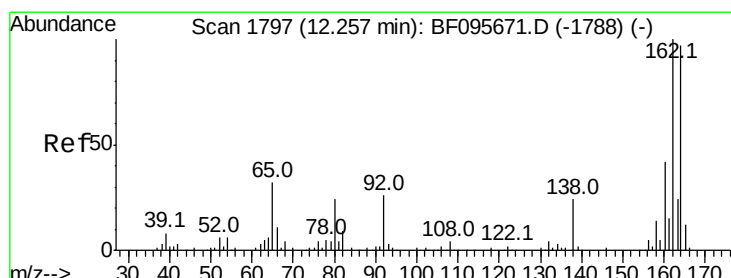
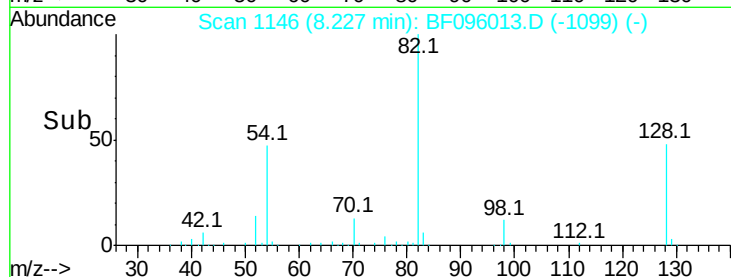
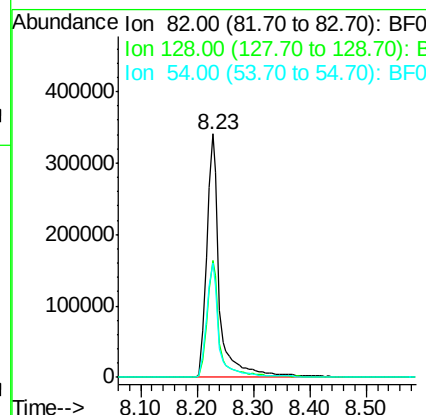
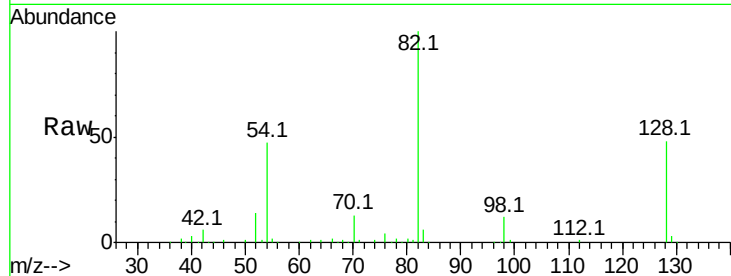




#23
Nitrobenzene-d5
Concen: 110.44 ng
RT: 8.23 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF096013.D
Acq: 19 Jun 2017 18:56

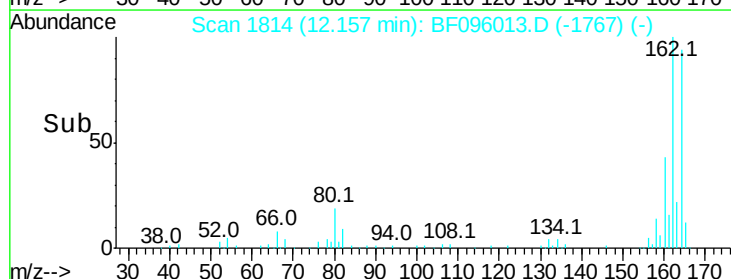
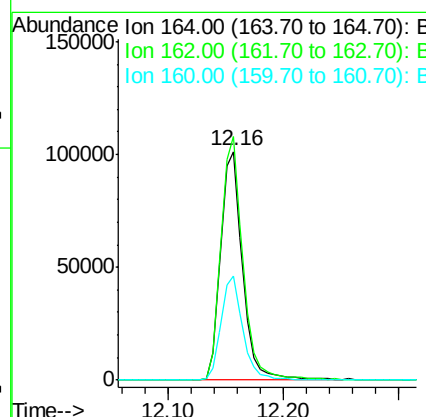
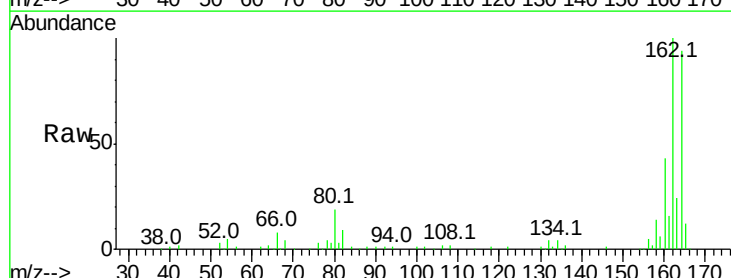
Instrument :
BNA_F
ClientSampleId :
CLEANSAND-1

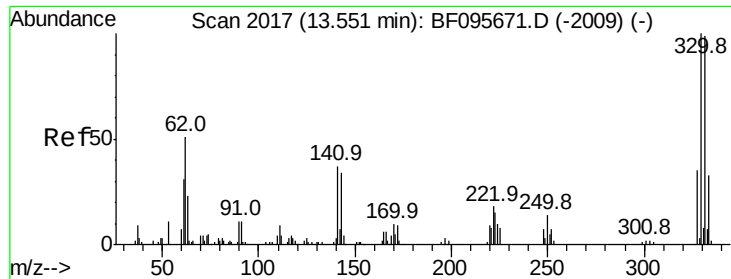
Tot Ion: 82 Resp: 544428
Ion Ratio Lower Upper
82 100
128 48.0 34.0 51.0
54 46.8 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.16 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BF096013.D
Acq: 19 Jun 2017 18:56

Tgt Ion:164 Resp: 132728
Ion Ratio Lower Upper
164 100
162 106.5 82.6 123.8
160 45.6 36.2 54.2

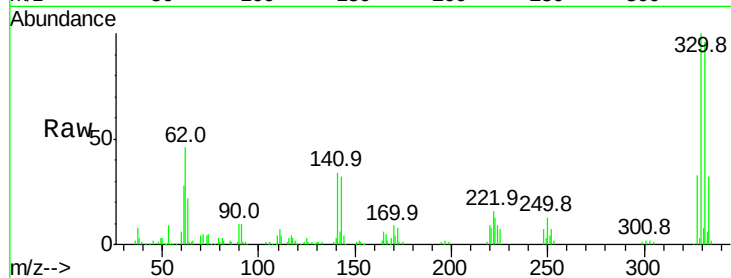




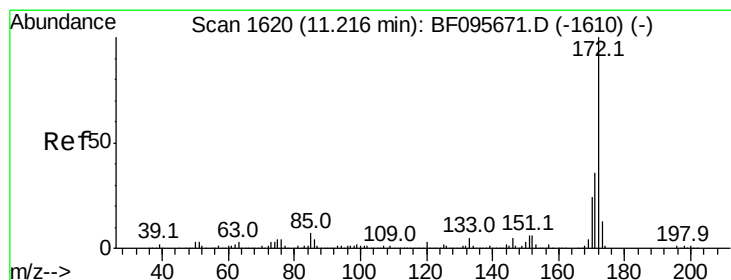
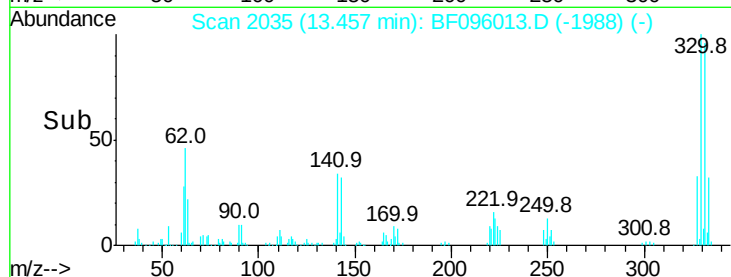
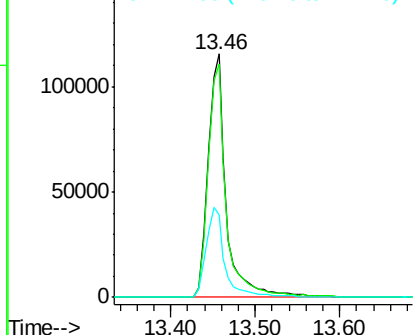
#41
 2,4,6-Tribromophenol
 Concen: 148.66 ng
 RT: 13.46 min Scan# 2035
 Delta R.T. -0.02 min
 Lab File: BF096013.D
 Acq: 19 Jun 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-1

Tot Ion:330 Resp: 174576
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 37.8 31.4 47.2

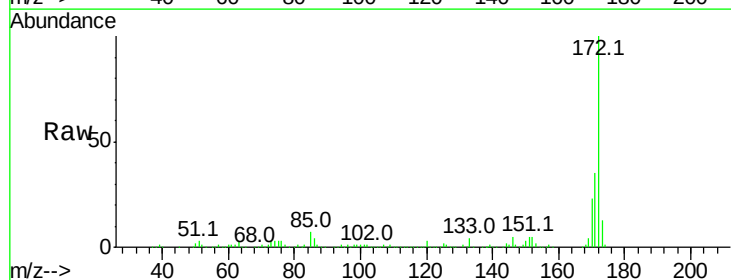


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

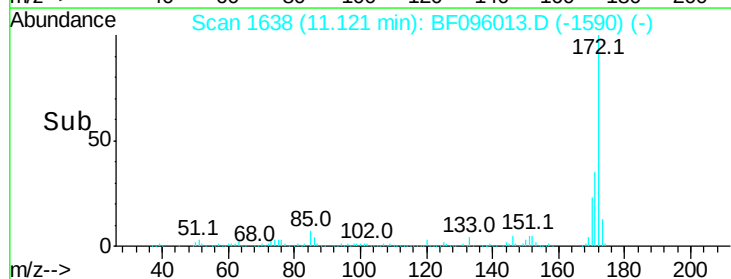
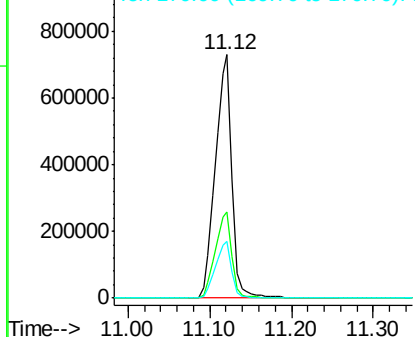


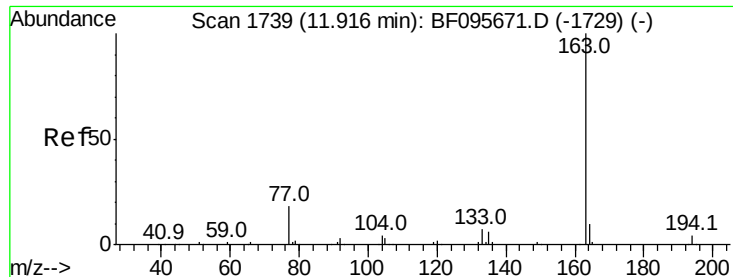
#44
 2-Fluorobiphenyl
 Concen: 107.62 ng
 RT: 11.12 min Scan# 1638
 Delta R.T. -0.02 min
 Lab File: BF096013.D
 Acq: 19 Jun 2017 18:56

Tgt Ion:172 Resp: 1026517
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.5 19.8 29.8



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: 14.45 ng

RT: 11.82 min Scan# 1756

Delta R.T. -0.04 min

Lab File: BF096013.D

Acq: 19 Jun 2017 18:56

Instrument :

BNA_F

ClientSampleId :

CLEANSAND-1

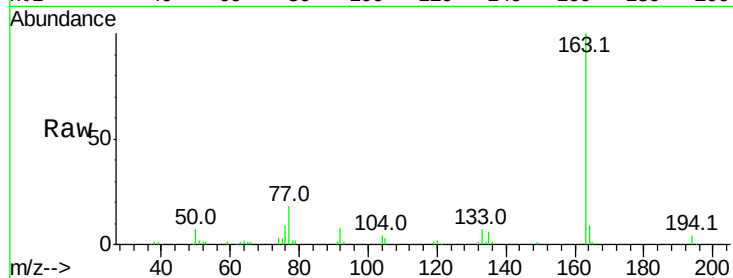
Tot Ion:163 Resp: 145644

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

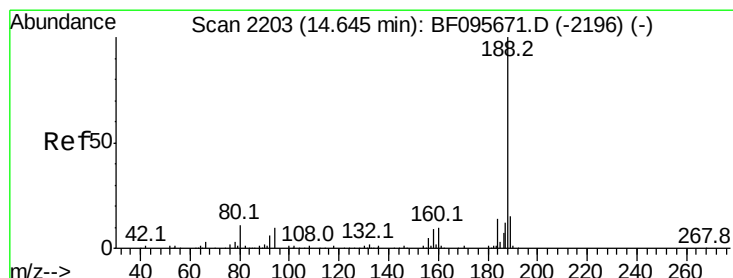
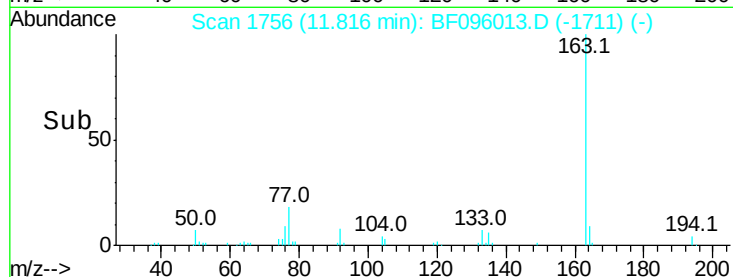
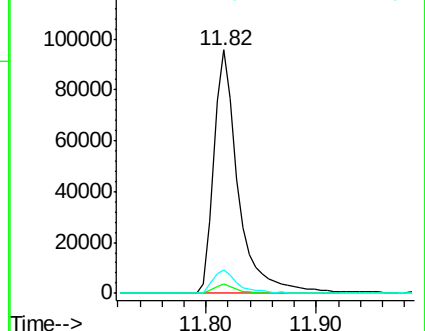
164 9.4 8.4 12.6



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: 20.00 ng

RT: 14.55 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BF096013.D

Acq: 19 Jun 2017 18:56

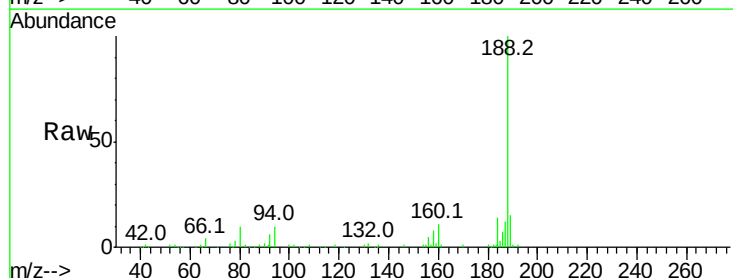
Tgt Ion:188 Resp: 222689

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

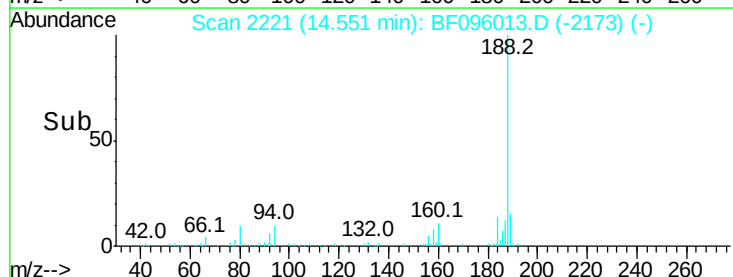
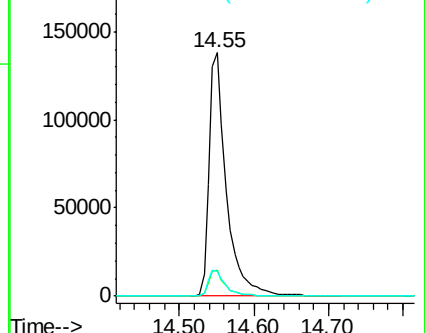
80 10.3 10.2 15.2

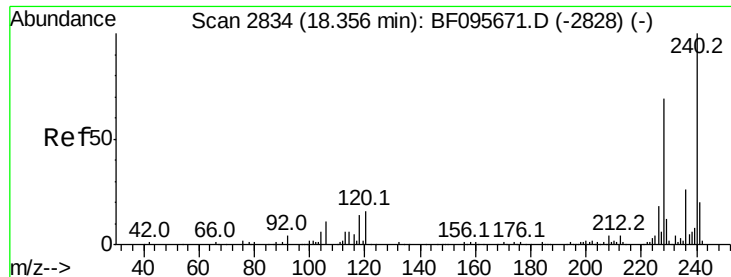


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.28 min Scan# 2855

Delta R.T. -0.02 min

Lab File: BF096013.D

Acq: 19 Jun 2017 18:56

Instrument :

BNA_F

ClientSampleId :

CLEANSAND-1

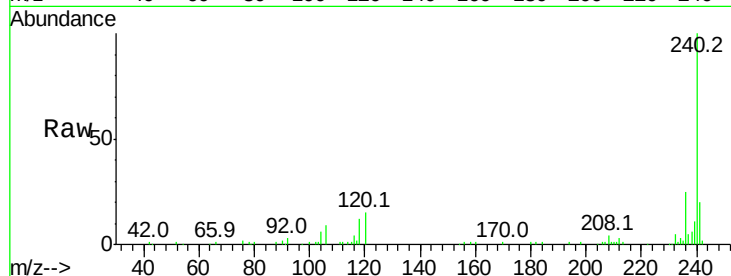
Tot Ion:240 Resp: 129618

Ion Ratio Lower Upper

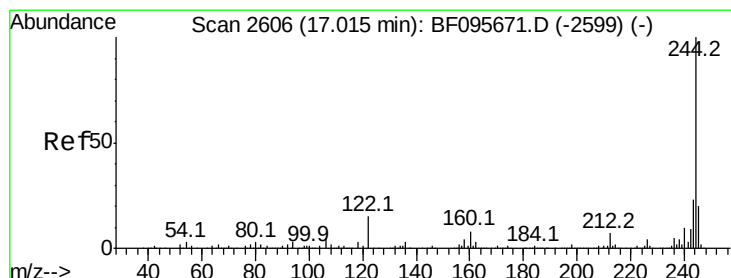
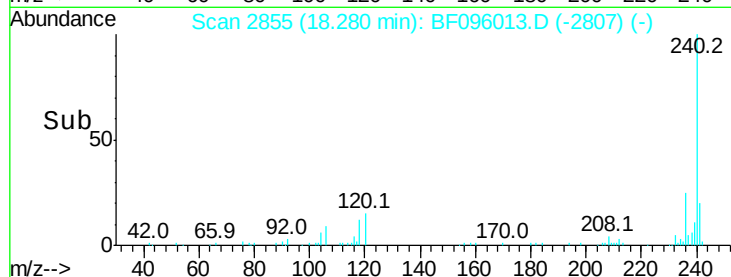
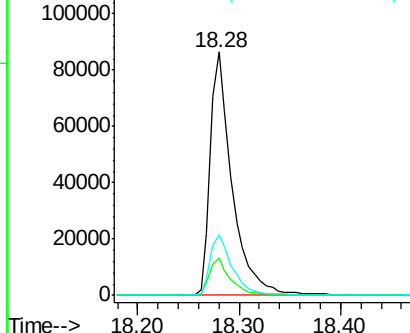
240 100

120 15.2 5.8 8.8#

236 25.0 20.5 30.7



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: 125.22 ng

RT: 16.93 min Scan# 2626

Delta R.T. -0.02 min

Lab File: BF096013.D

Acq: 19 Jun 2017 18:56

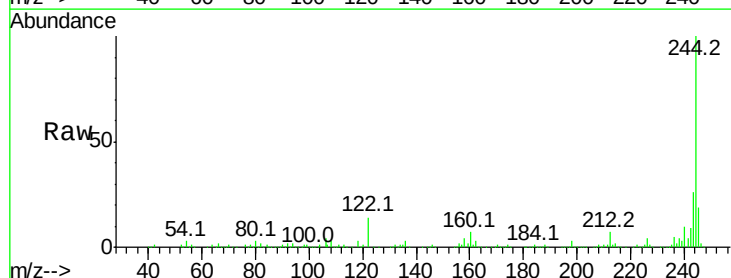
Tgt Ion:244 Resp: 654014

Ion Ratio Lower Upper

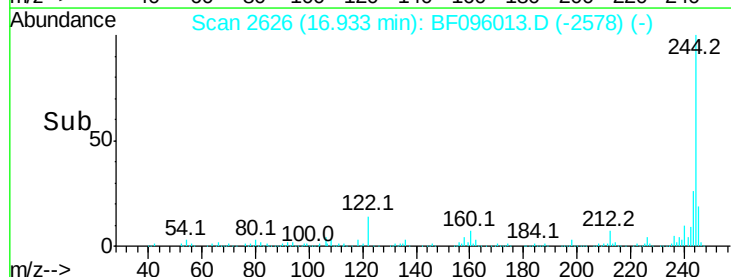
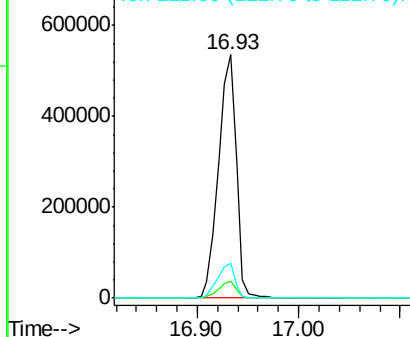
244 100

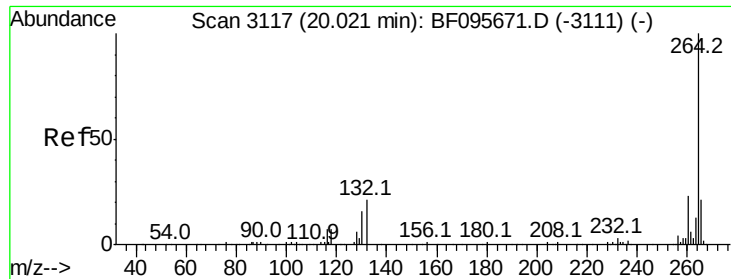
212 7.1 6.0 9.0

122 14.4 10.3 15.5



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: 20.00 ng
 RT: 19.95 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BF096013.D
 Acq: 19 Jun 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-1

Tot Ion: 264 Resp: 125042
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 22.1 17.2 25.8

