

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096041.D
 Acq On : 20 Jun 2017 12:16
 Operator : SJ/MA
 Sample : I3686-03 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-S5-WSW

Quant Time: Jun 20 14:08:56 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

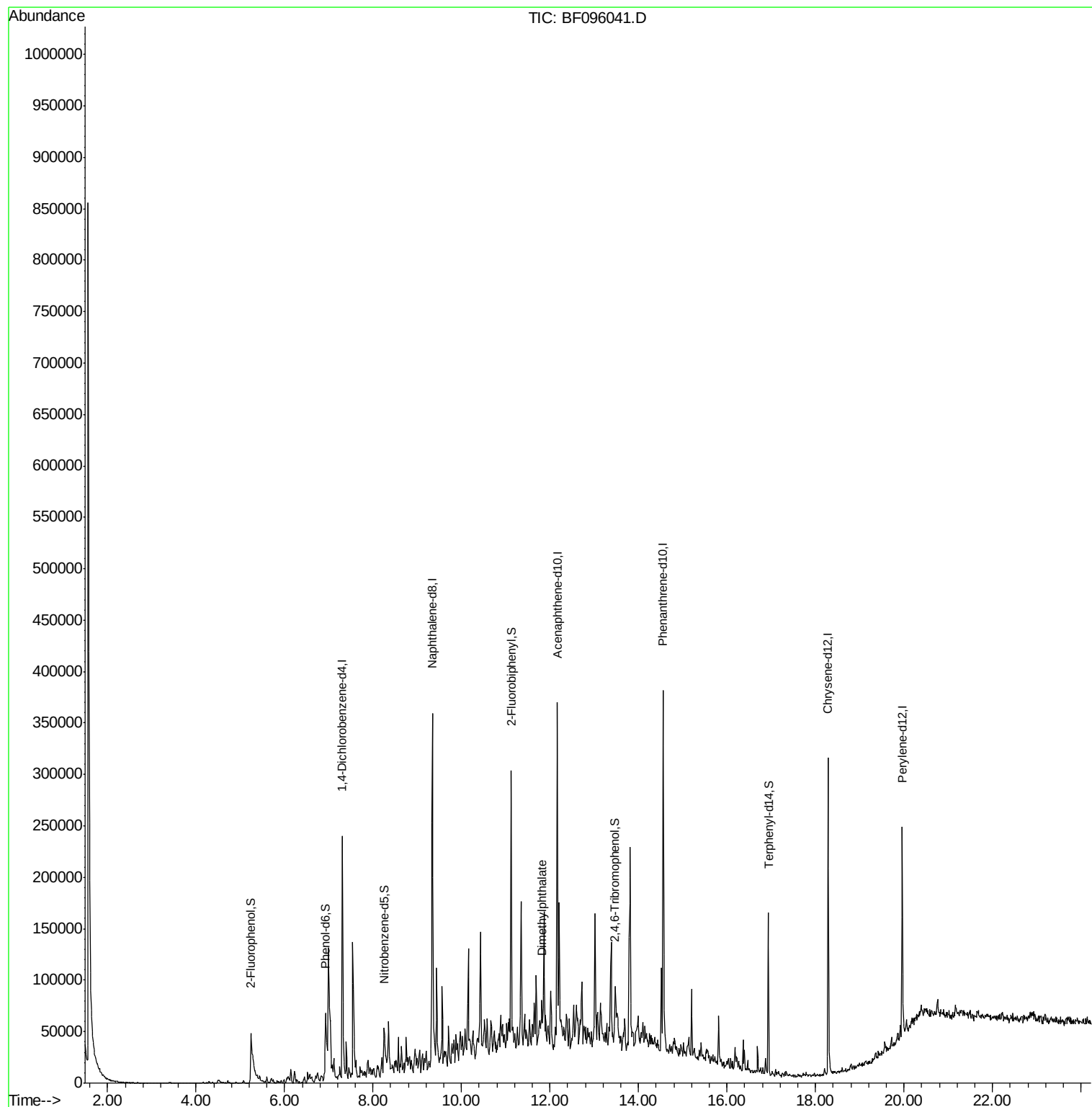
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	59887	20.00	ng	-0.02
21) Naphthalene-d8	9.34	136	235607	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	92327	20.00	ng	-0.02
63) Phenanthrene-d10	14.56	188	153197	20.00	ng	-0.01
75) Chrysene-d12	18.29	240	128902	20.00	ng	-0.01
86) Perylene-d12	19.96	264	93050	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	59454	15.82	ng	0.02
7) Phenol-d6	6.93	99	88245	19.61	ng	0.02
23) Nitrobenzene-d5	8.25	82	41336	10.90	ng	0.00
41) 2,4,6-Tribromophenol	13.47	330	11187	13.69	ng	0.00
44) 2-Fluorobiphenyl	11.12	172	79858	12.04	ng	-0.02
78) Terphenyl-d14	16.93	244	56628	10.90	ng	-0.02
Target Compounds						
49) Dimethylphthalate	11.82	163	14646	2.09	ng	Qvalue 99

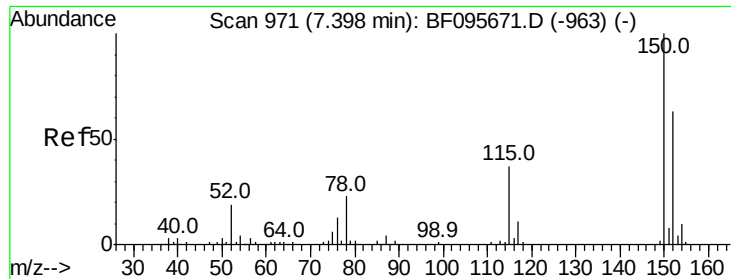
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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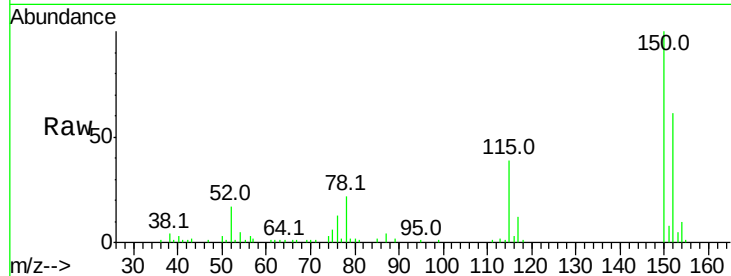


#1

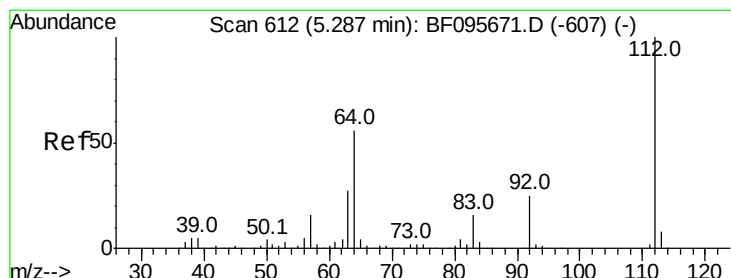
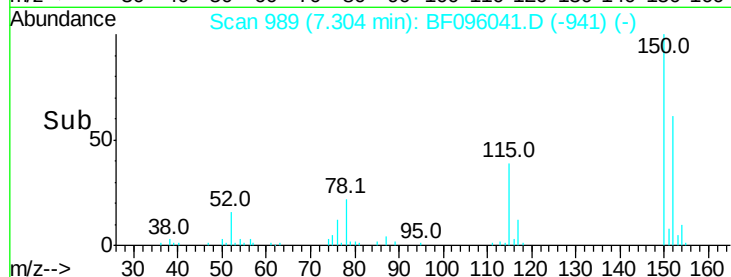
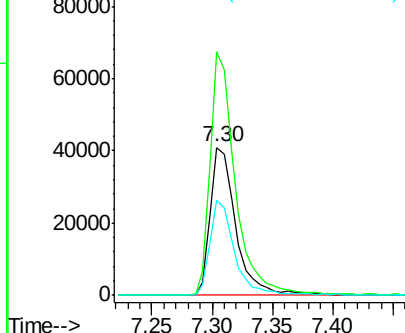
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096041.D
Acq: 20 Jun 2017 12:16

Instrument :
BNA_F
ClientSampleId :
E2-S5-WSW

Tot Ion:152 Resp: 59887
Ion Ratio Lower Upper
152 100
150 164.5 126.2 189.2
115 64.0 52.2 78.2



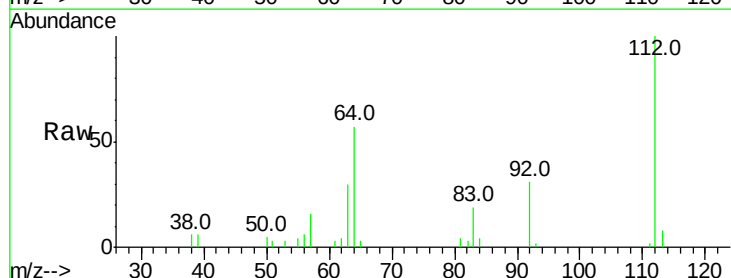
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



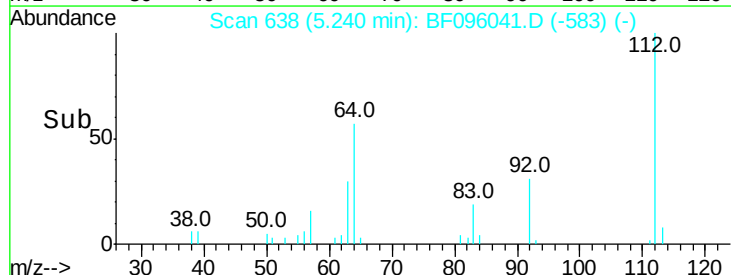
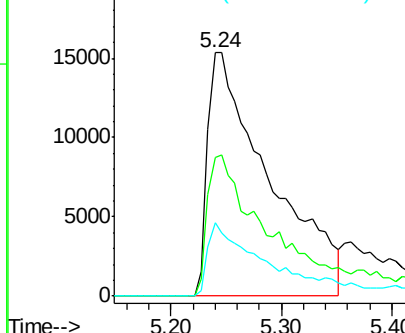
#5

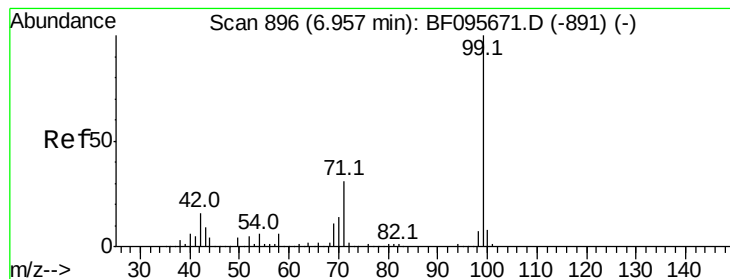
2-Fluorophenol
Concen: 15.82 ng
RT: 5.24 min Scan# 638
Delta R.T. 0.02 min
Lab File: BF096041.D
Acq: 20 Jun 2017 12:16

Tgt Ion:112 Resp: 59454
Ion Ratio Lower Upper
112 100
64 56.8 46.0 69.0
63 29.9 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: 19.61 ng

RT: 6.93 min Scan# 925

Delta R.T. 0.02 min

Lab File: BF096041.D

Acq: 20 Jun 2017 12:16

Instrument :

BNA_F

ClientSampleId :

E2-S5-WSW

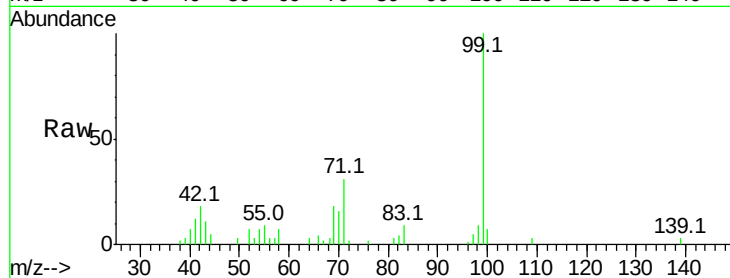
Tot Ion: 99 Resp: 88245

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

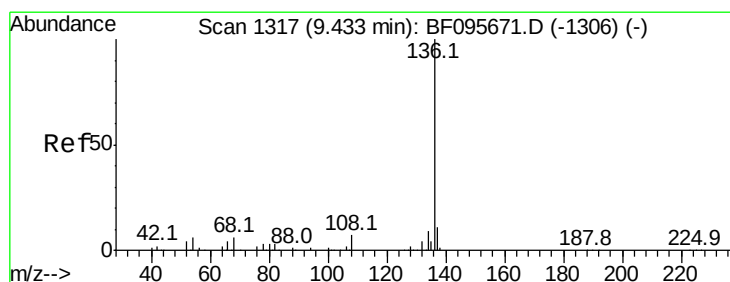
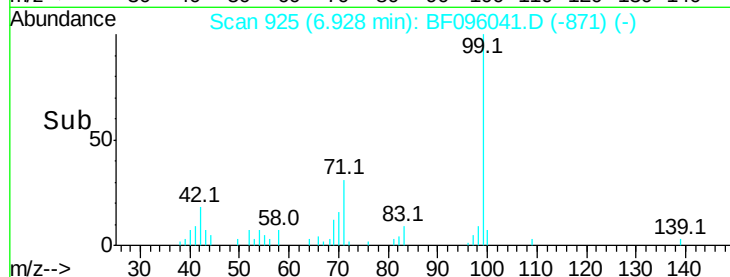
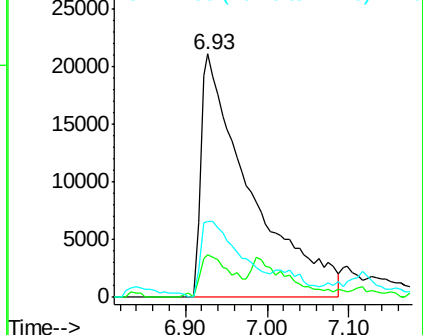
71 30.9 24.5 36.7



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: BF096041.D

Acq: 20 Jun 2017 12:16

Tgt Ion: 136 Resp: 235607

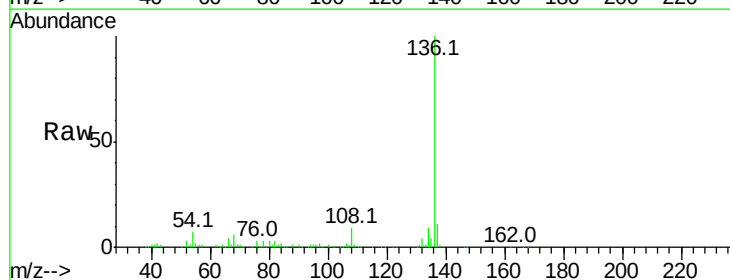
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.0 4.9 7.3

68 5.8 4.1 6.1

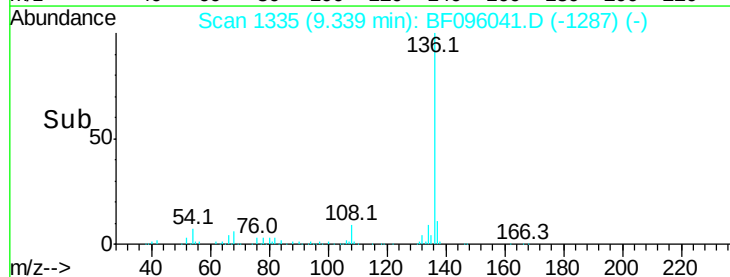
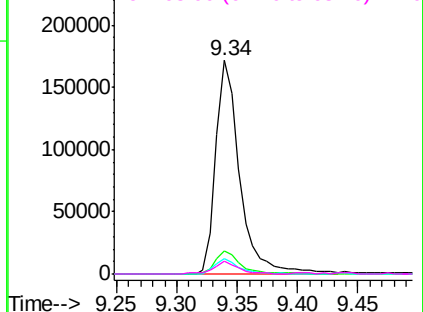


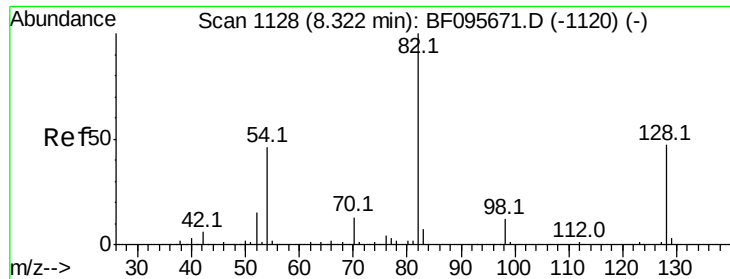
Abundance Ion 136.00 (135.70 to 136.70): E

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

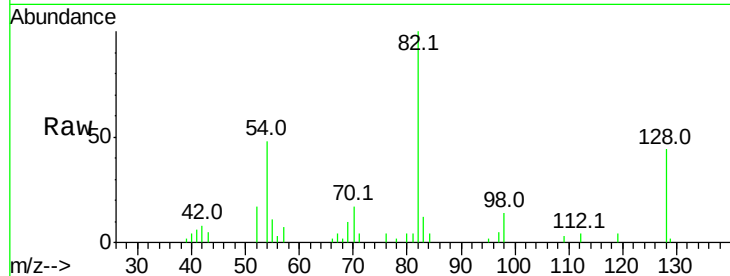




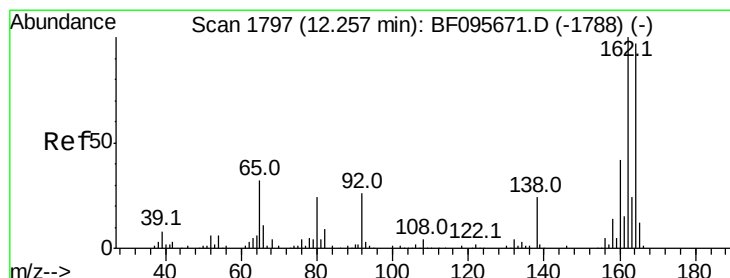
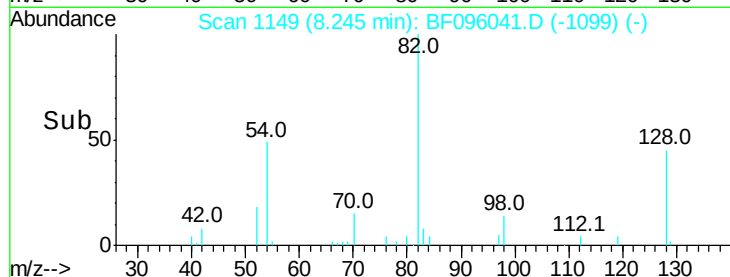
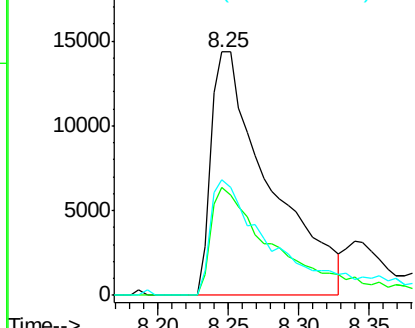
#23
 Nitrobenzene-d5
 Concen: 10.90 ng
 RT: 8.25 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF096041.D
 Acq: 20 Jun 2017 12:16

Instrument :
 BNA_F
 ClientSampleId :
 E2-S5-WSW

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.0	51.0
54	47.6	42.2	63.2

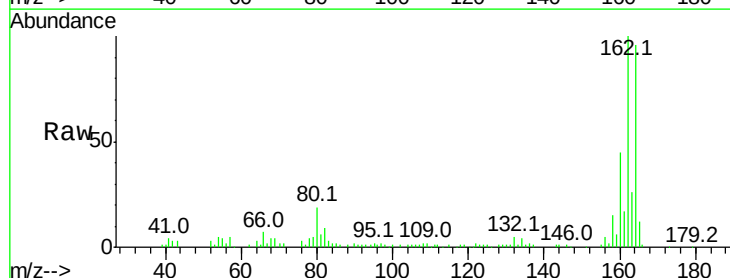


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

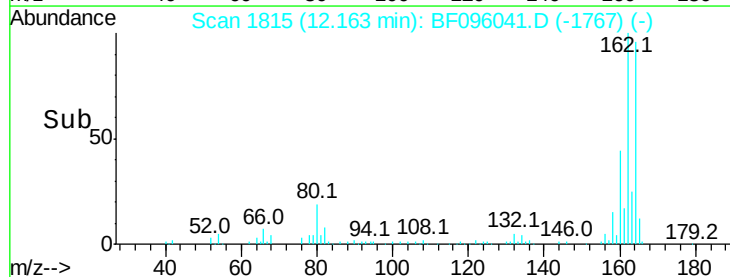
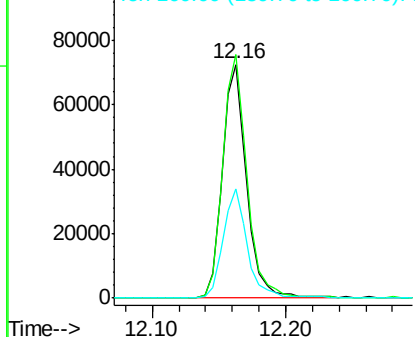


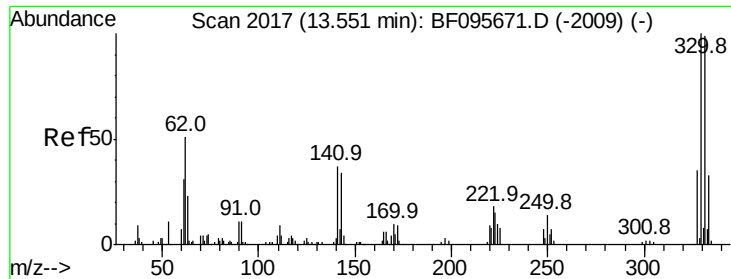
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.16 min Scan# 1815
 Delta R.T. -0.02 min
 Lab File: BF096041.D
 Acq: 20 Jun 2017 12:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	46.8	36.2	54.2



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

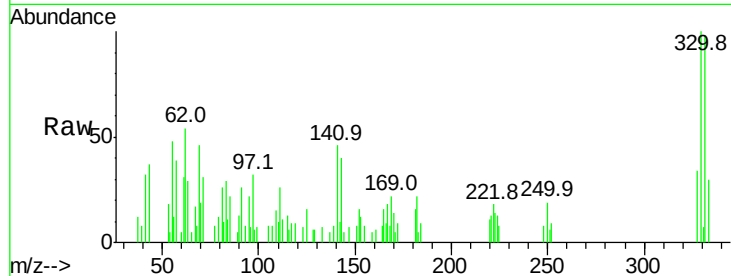




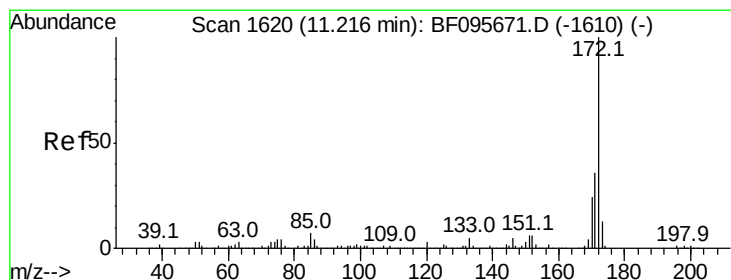
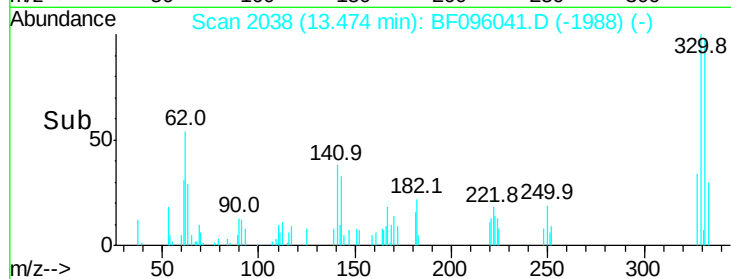
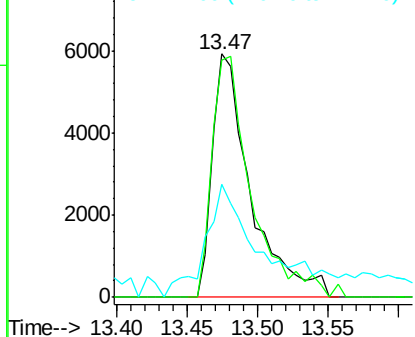
#41
 2,4,6-Tribromophenol
 Concen: 13.69 ng
 RT: 13.47 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF096041.D
 Acq: 20 Jun 2017 12:16

Instrument :
 BNA_F
 ClientSampleId :
 E2-S5-WSW

Tot Ion:330 Resp: 11187
 Ion Ratio Lower Upper
 330 100
 332 101.6 76.6 115.0
 141 69.5 31.4 47.2#

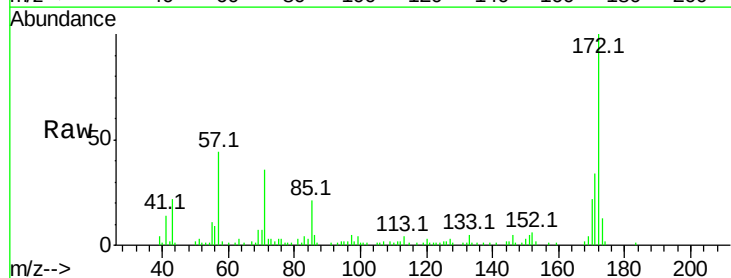


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

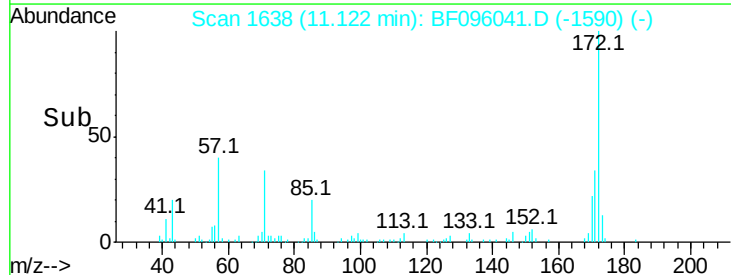
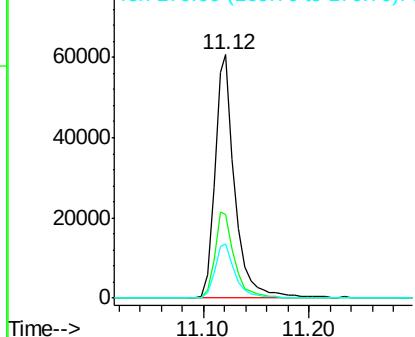


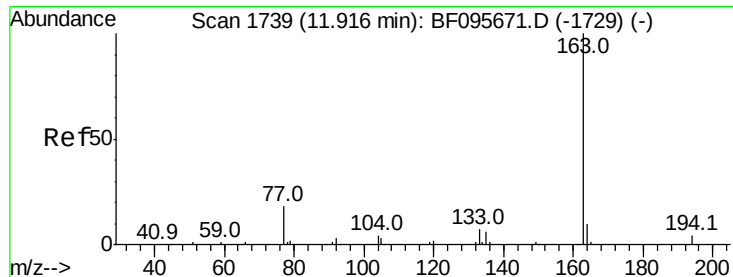
#44
 2-Fluorobiphenyl
 Concen: 12.04 ng
 RT: 11.12 min Scan# 1638
 Delta R.T. -0.02 min
 Lab File: BF096041.D
 Acq: 20 Jun 2017 12:16

Tgt Ion:172 Resp: 79858
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.6 44.4
 170 22.4 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: 2.09 ng

RT: 11.82 min Scan# 1757

Delta R.T. -0.03 min

Lab File: BF096041.D

Acq: 20 Jun 2017 12:16

Instrument :

BNA_F

ClientSampleId :

E2-S5-WSW

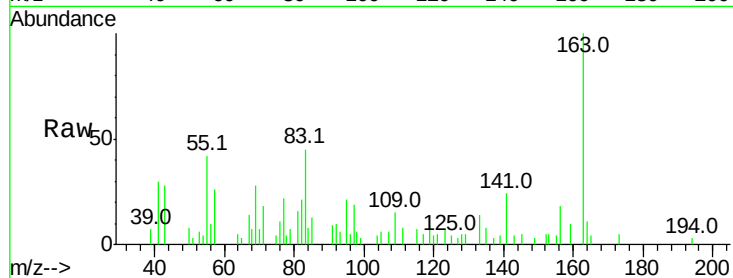
Tot Ion:163 Resp: 14646

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

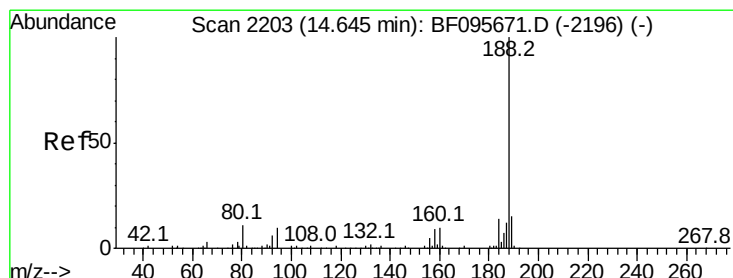
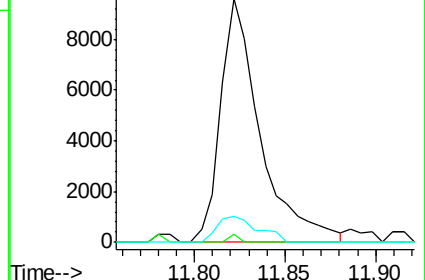
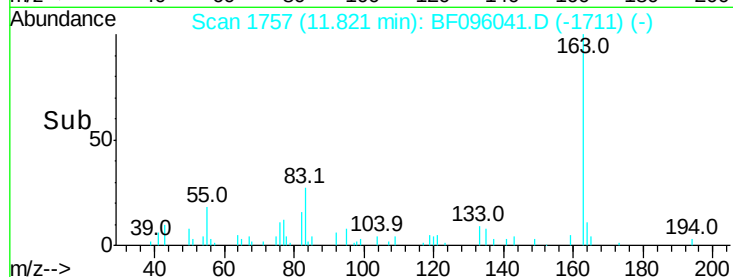
164 10.9 8.4 12.6



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: 14.56 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BF096041.D

Acq: 20 Jun 2017 12:16

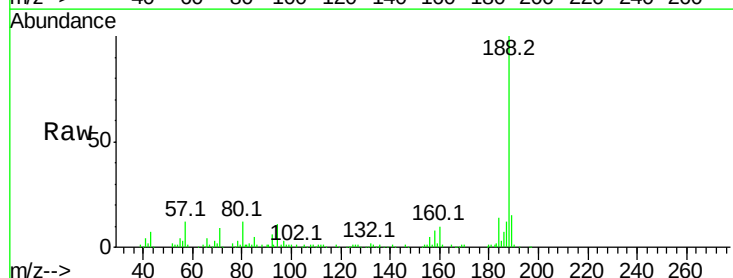
Tgt Ion:188 Resp: 153197

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

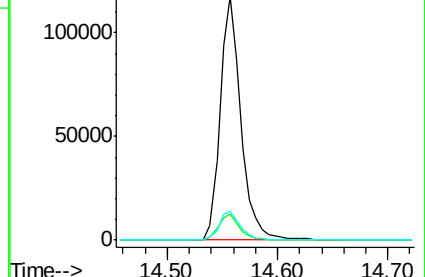
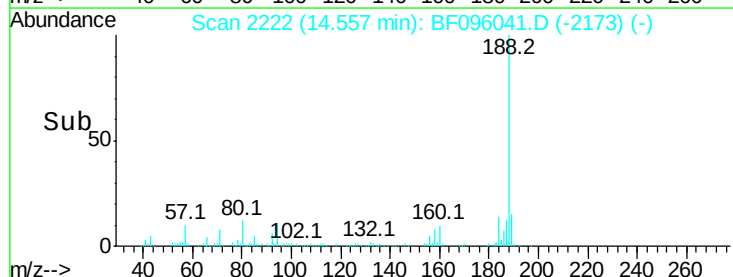
80 11.9 10.2 15.2

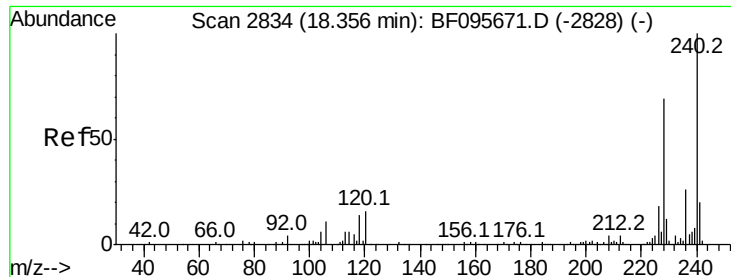


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.29 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BF096041.D

Acq: 20 Jun 2017 12:16

Instrument :

BNA_F

ClientSampleId :

E2-S5-WSW

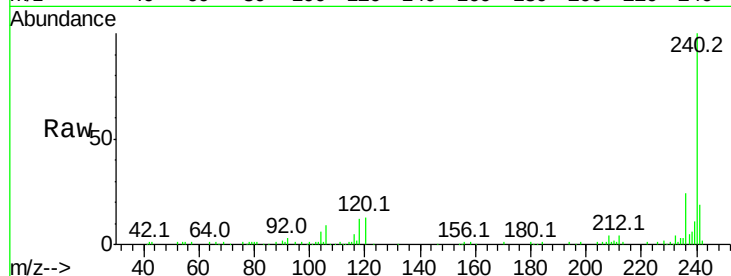
Tot Ion:240 Resp: 128902

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

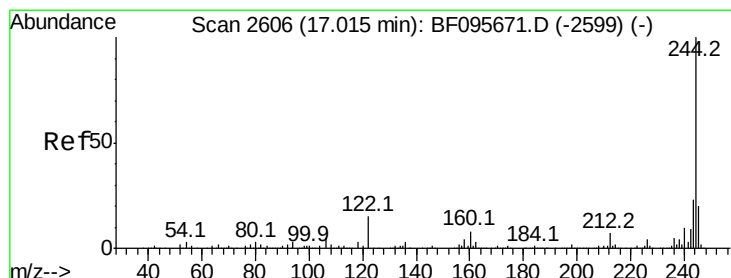
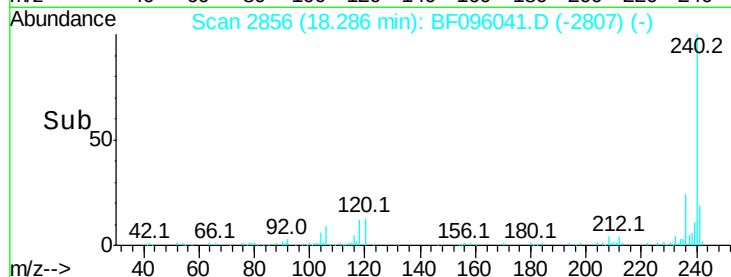
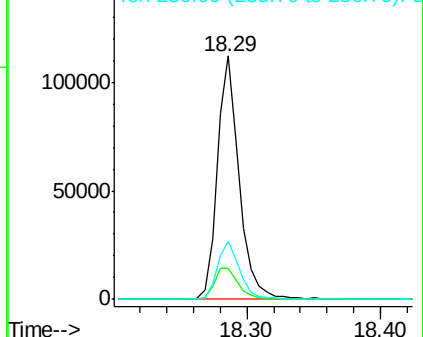
236 24.1 20.5 30.7



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: 10.90 ng

RT: 16.93 min Scan# 2626

Delta R.T. -0.02 min

Lab File: BF096041.D

Acq: 20 Jun 2017 12:16

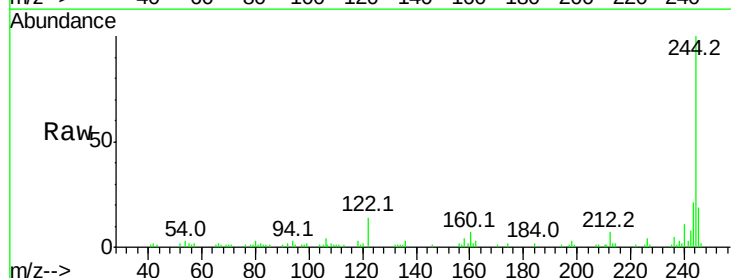
Tgt Ion:244 Resp: 56628

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

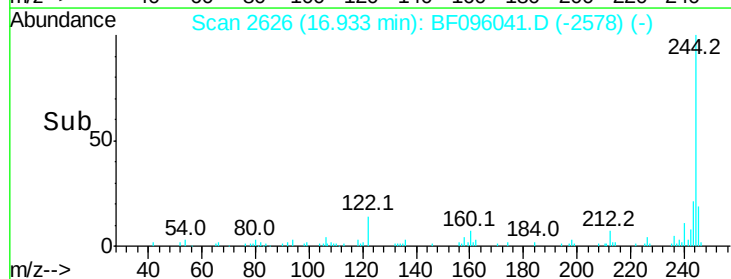
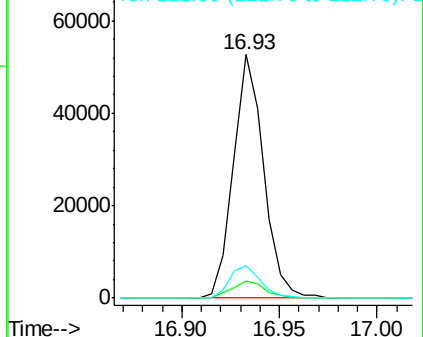
122 13.5 10.3 15.5

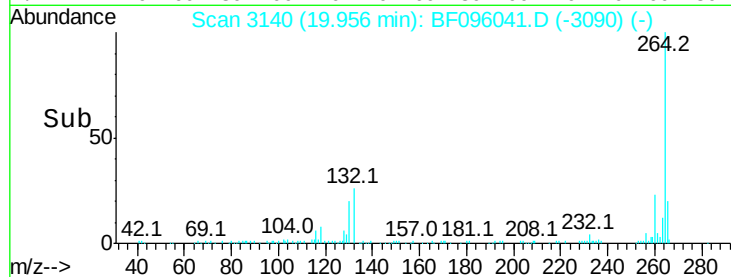
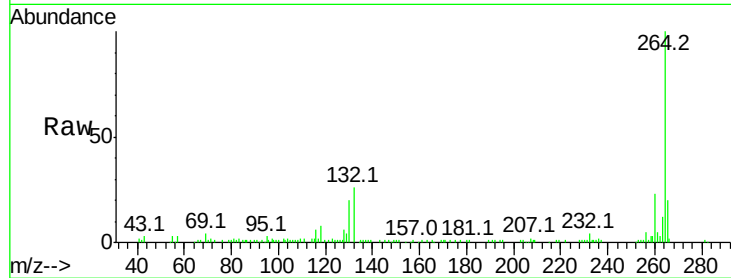
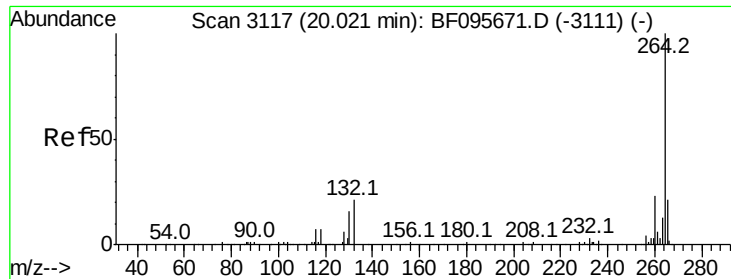


Abundance Ion 244.00 (243.70 to 244.70): E

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: 19.96 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BF096041.D

Acq: 20 Jun 2017 12:16

Instrument :

BNA_F

ClientSampleId :

E2-S5-WSW

Tot Ion:264 Resp: 93050

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 20.1 17.2 25.8

