

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095978.D
 Acq On : 17 Jun 2017 4:25
 Operator : SJ/MA
 Sample : I3695-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-061417

Quant Time: Jun 17 06:05:42 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

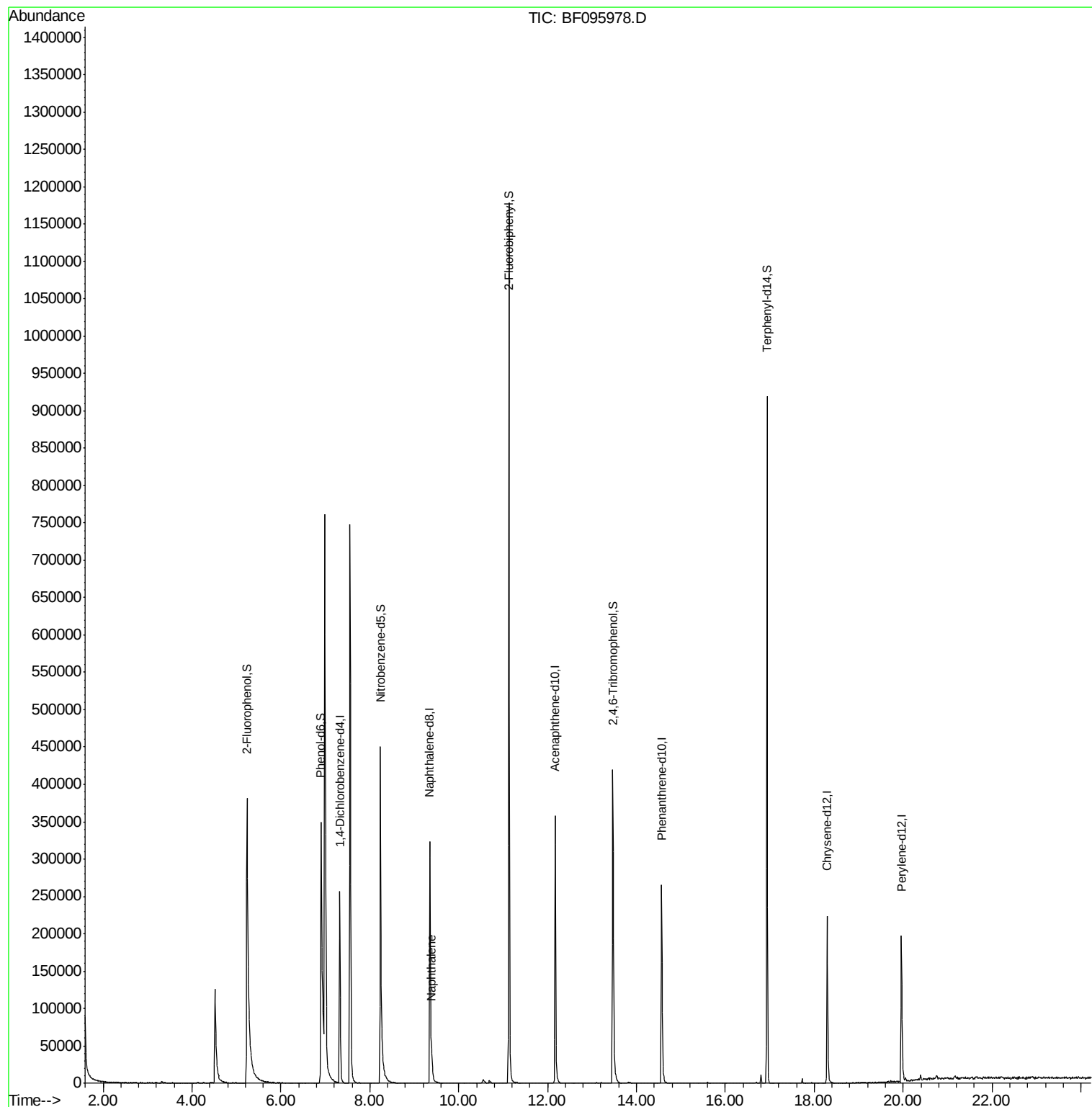
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	62958	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	257914	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	111133	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	171674	20.00	ng	0.00
75) Chrysene-d12	18.29	240	123143	20.00	ng	0.00
86) Perylene-d12	19.96	264	115626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	346572	87.72	ng	0.02
7) Phenol-d6	6.90	99	401022	84.78	ng	-0.01
23) Nitrobenzene-d5	8.24	82	283926	68.37	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	88220	89.72	ng	-0.01
44) 2-Fluorobiphenyl	11.13	172	563599	70.57	ng	0.00
78) Terphenyl-d14	16.94	244	356973	71.94	ng	-0.01
Target Compounds						
31) Naphthalene	9.39	128	33817	2.61	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: 7.32 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF095978.D

Acq: 17 Jun 2017 4:25

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BNA_F

ClientSampleId :

BU-02-061417

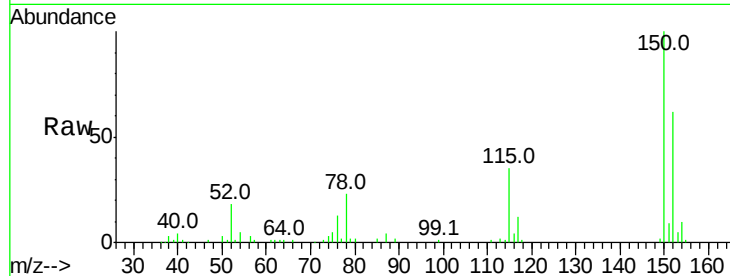
Tot Ion:152 Resp: 62958

Ion Ratio Lower Upper

152 100

150 161.2 126.2 189.2

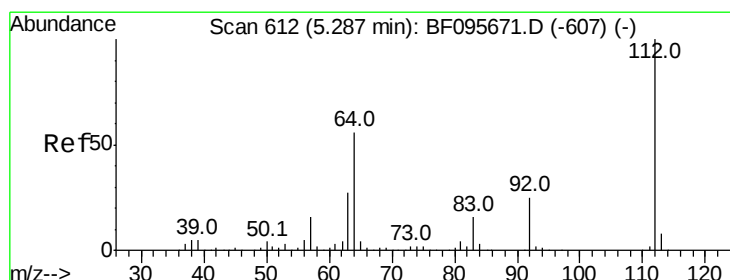
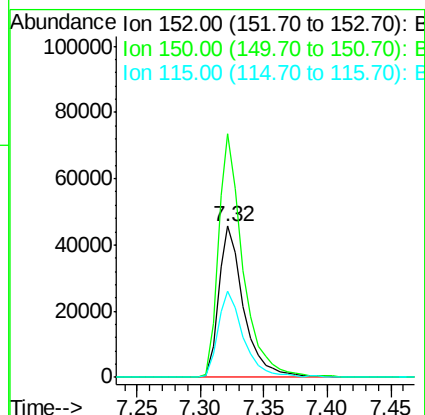
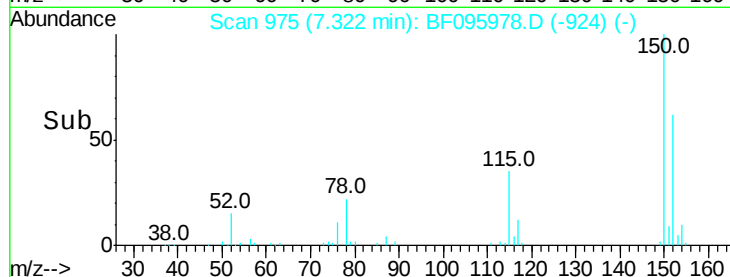
115 56.8 52.2 78.2



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: 87.72 ng

RT: 5.23 min Scan# 620

Delta R.T. 0.02 min

Lab File: BF095978.D

Acq: 17 Jun 2017 4:25

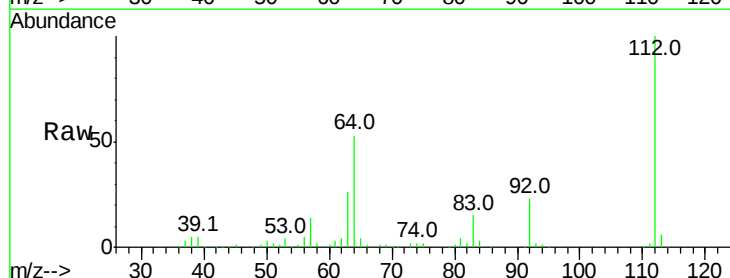
Tgt Ion:112 Resp: 346572

Ion Ratio Lower Upper

112 100

64 53.3 46.0 69.0

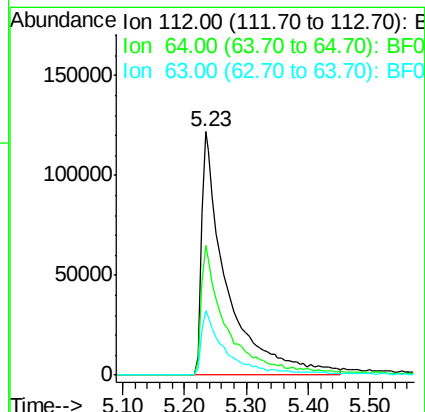
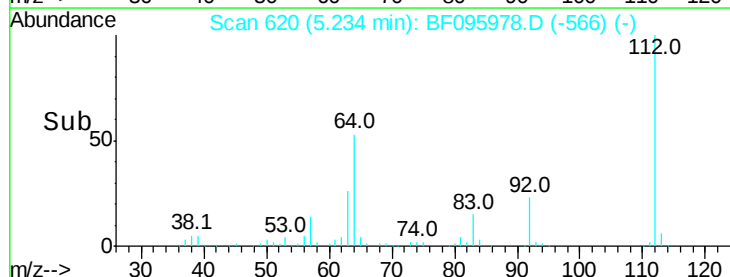
63 26.5 23.4 35.0

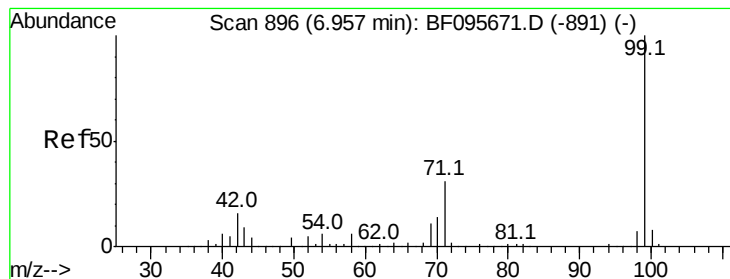


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 84.78 ng

RT: 6.90 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF095978.D

Acq: 17 Jun 2017 4:25

Instrument :

BNA_F

ClientSampleId :

BU-02-061417

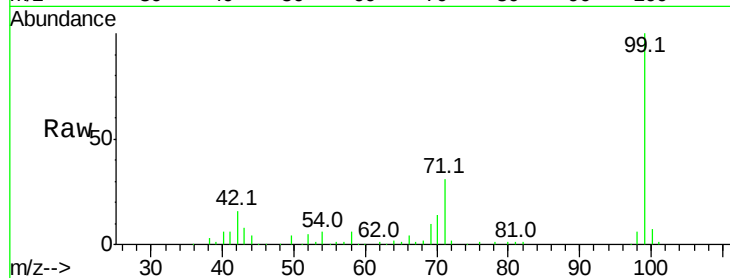
Tot Ion: 99 Resp: 401022

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

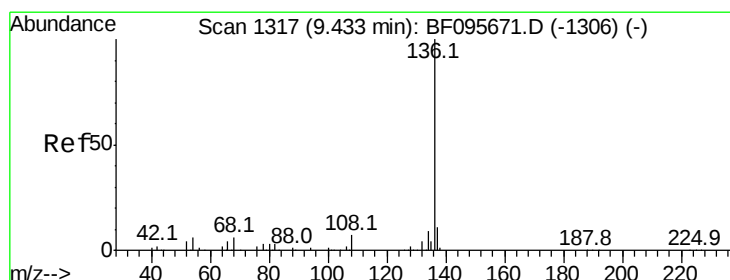
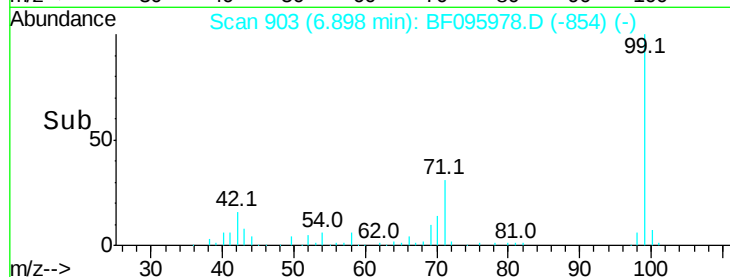
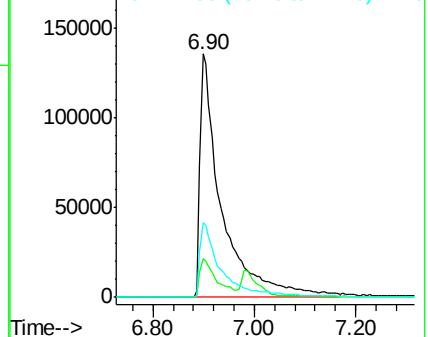
71 30.9 24.5 36.7



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: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095978.D

Acq: 17 Jun 2017 4:25

Tgt Ion: 136 Resp: 257914

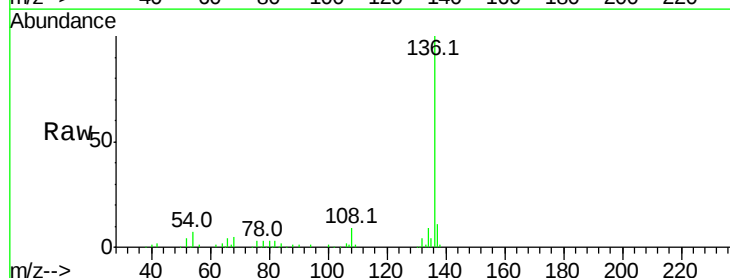
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.3 4.9 7.3#

68 5.5 4.1 6.1

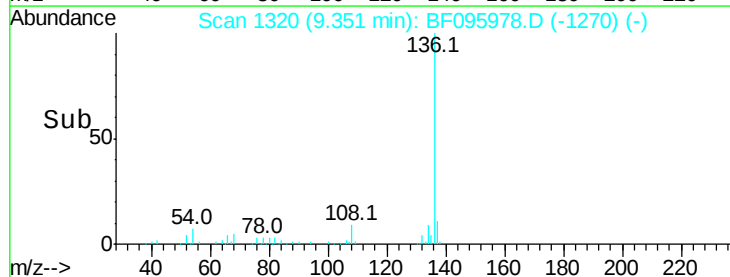
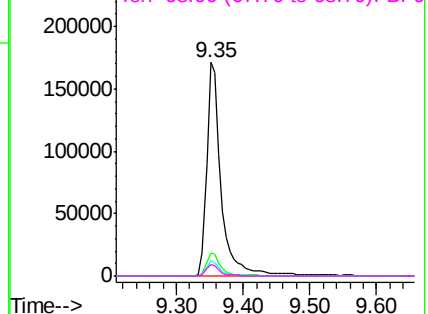


Abundance Ion 136.00 (135.70 to 136.70): E

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

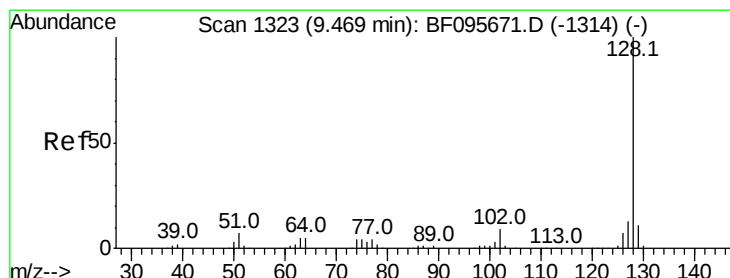
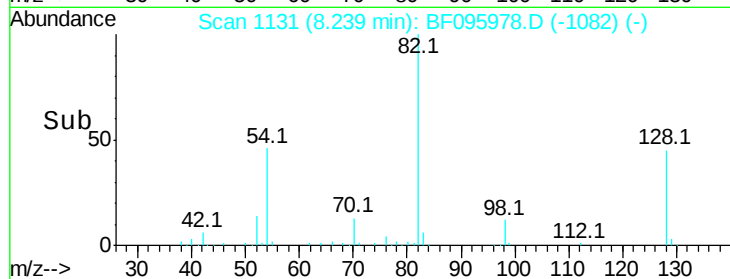
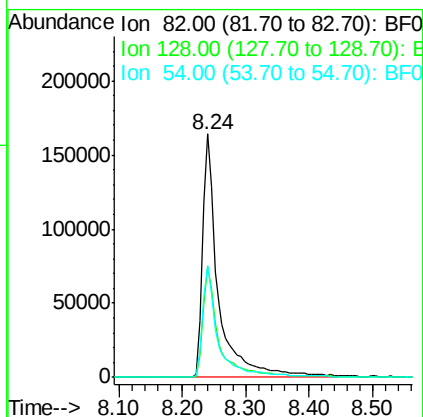
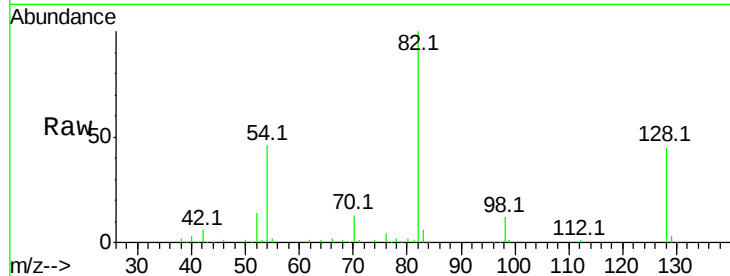




#23
Nitrobenzene-d5
Concen: 68.37 ng
RT: 8.24 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF095978.D
Acq: 17 Jun 2017 4:25

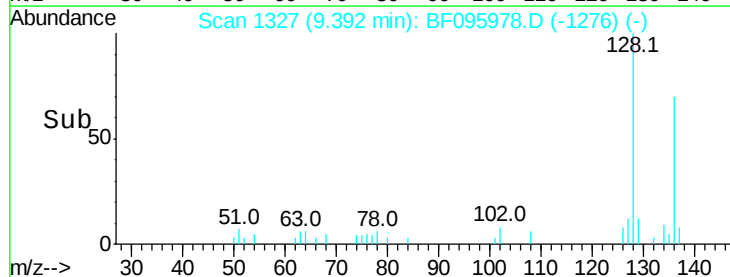
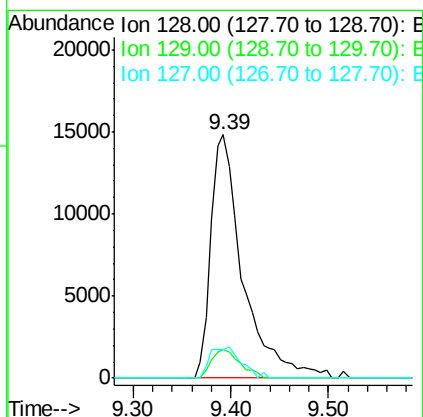
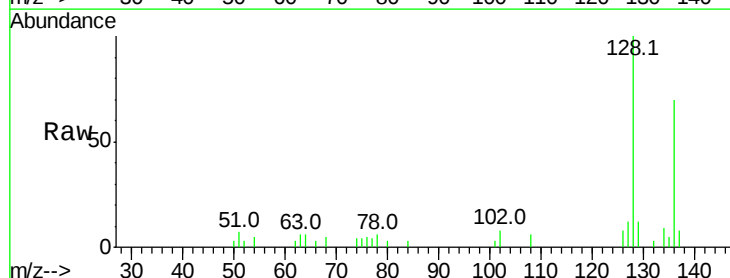
Instrument :
BNA_F
ClientSampleId :
BU-02-061417

Tot Ion: 82 Resp: 283926
Ion Ratio Lower Upper
82 100
128 45.2 34.0 51.0
54 45.9 42.2 63.2



#31
Naphthalene
Concen: 2.61 ng
RT: 9.39 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF095978.D
Acq: 17 Jun 2017 4:25

Tgt Ion:128 Resp: 33817
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 11.7 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.17 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF095978.D

Acq: 17 Jun 2017 4:25

Instrument :

BNA_F

ClientSampleId :

BU-02-061417

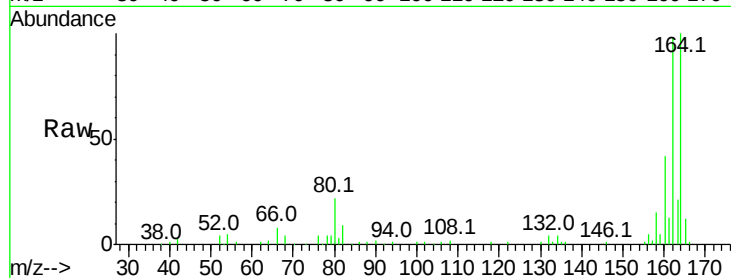
Tot Ion:164 Resp: 111133

Ion Ratio Lower Upper

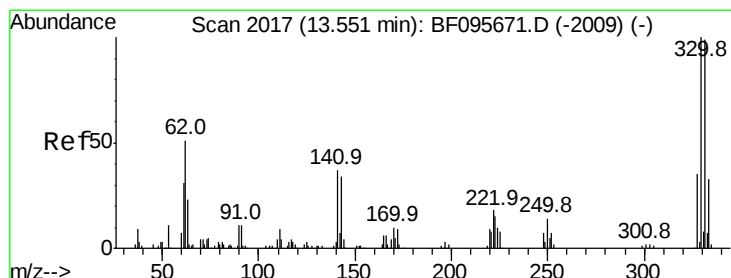
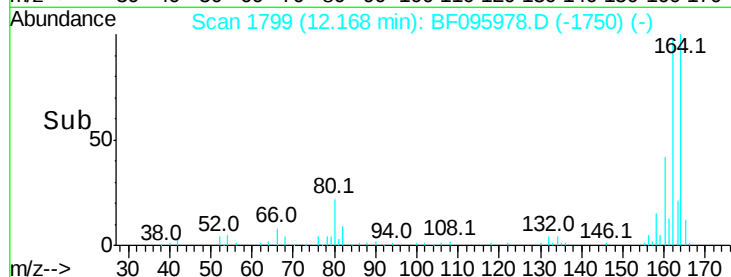
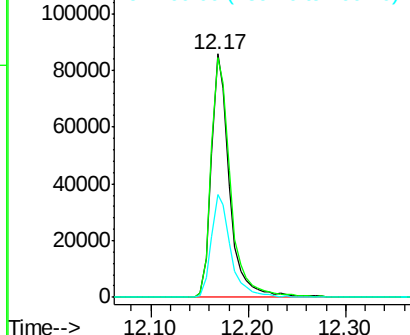
164 100

162 98.4 82.6 123.8

160 42.4 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: 89.72 ng

RT: 13.47 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF095978.D

Acq: 17 Jun 2017 4:25

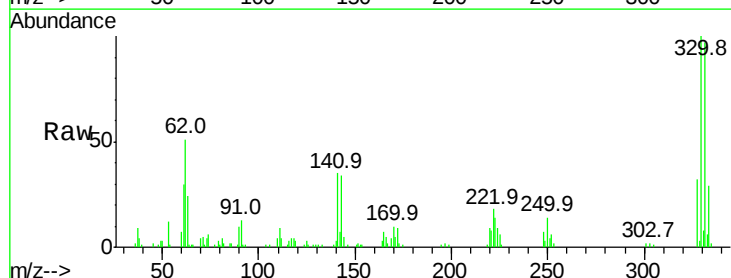
Tgt Ion:330 Resp: 88220

Ion Ratio Lower Upper

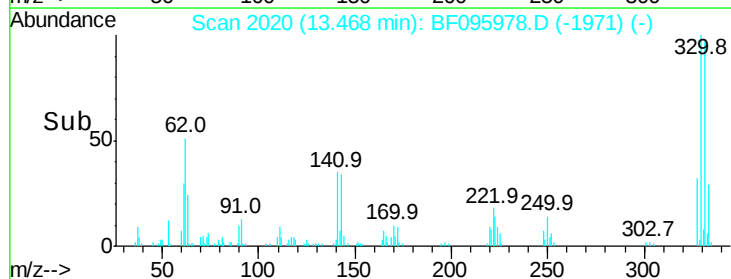
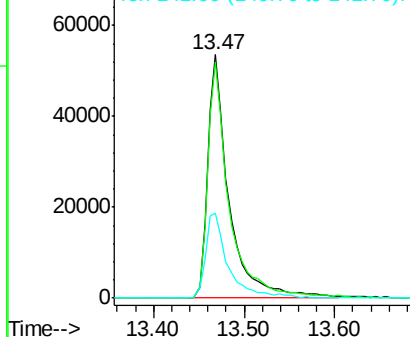
330 100

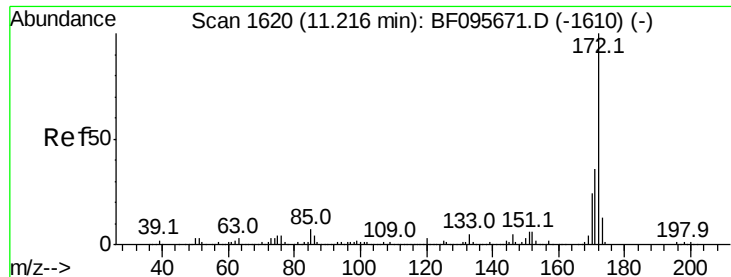
332 97.6 76.6 115.0

141 37.2 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

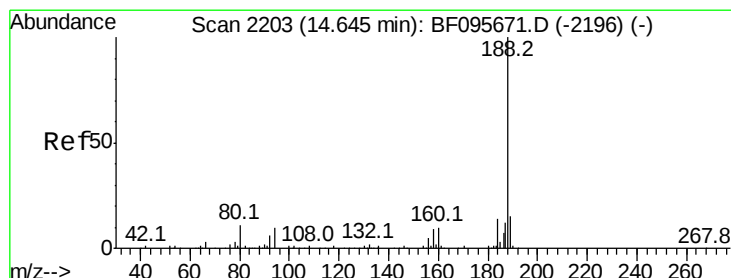
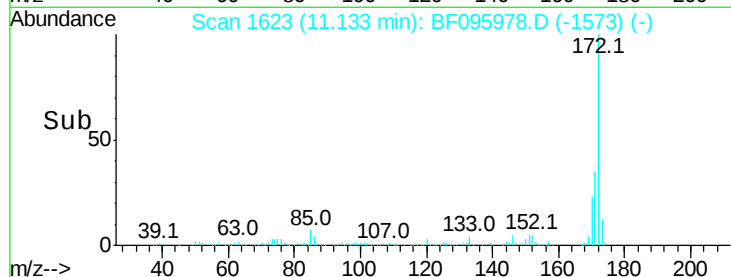
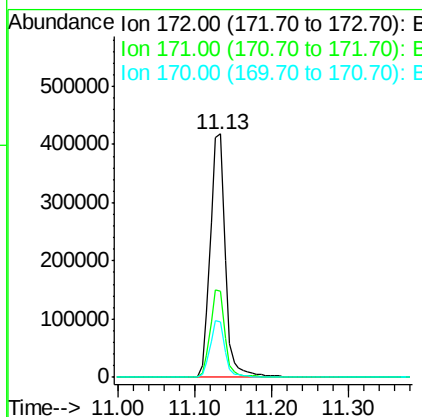
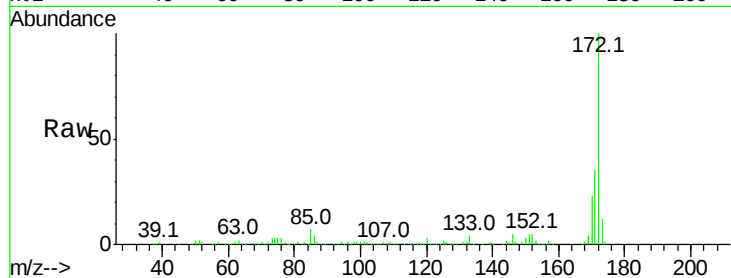




#44
2-Fluorobiphenyl
Concen: 70.57 ng
RT: 11.13 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF095978.D
Acq: 17 Jun 2017 4:25

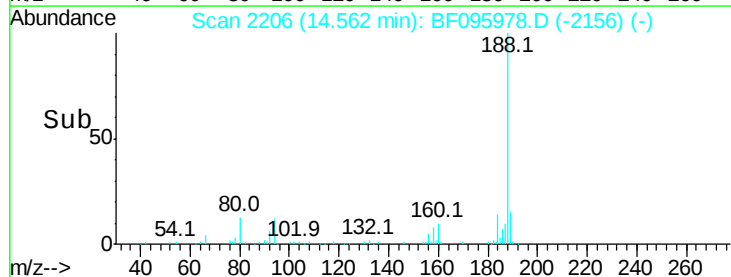
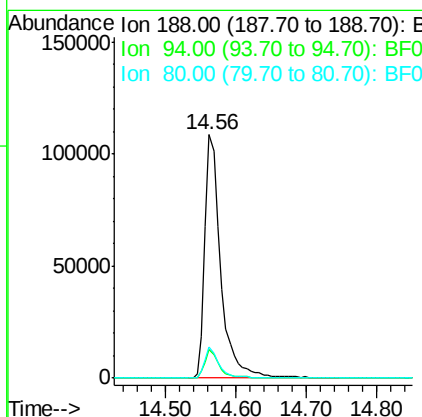
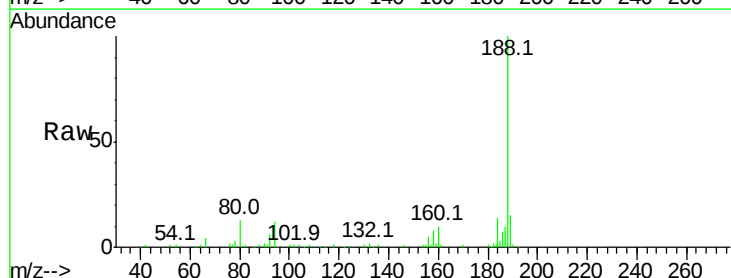
Instrument :
BNA_F
ClientSampleId :
BU-02-061417

Tot Ion:172 Resp: 563599
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 22.8 19.8 29.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095978.D
Acq: 17 Jun 2017 4:25

Tgt Ion:188 Resp: 171674
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 12.7 10.2 15.2

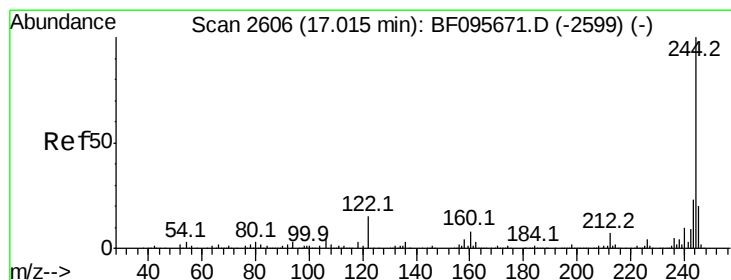
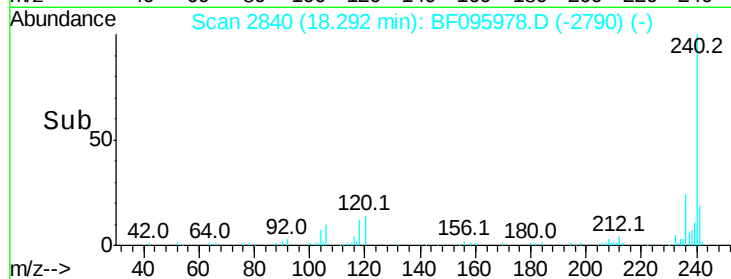
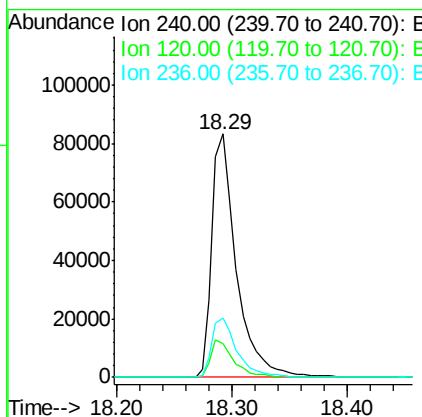
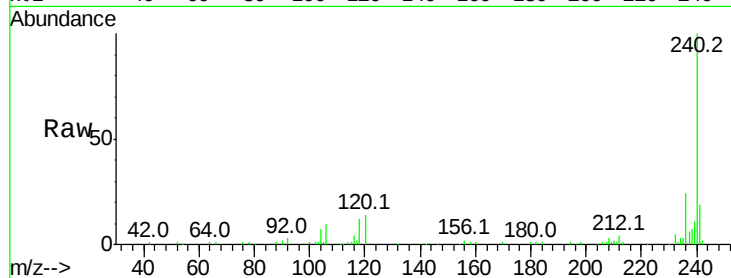




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.29 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF095978.D
 Acq: 17 Jun 2017 4:25

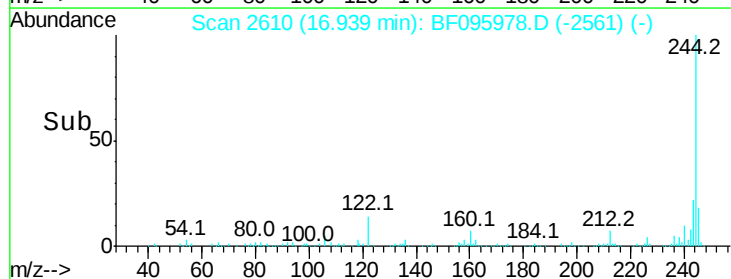
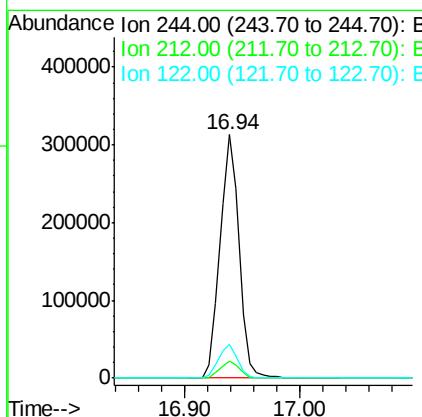
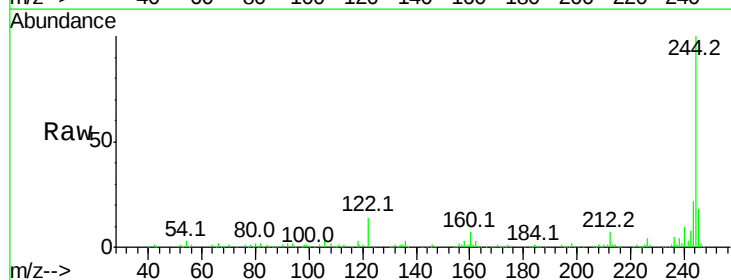
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-061417

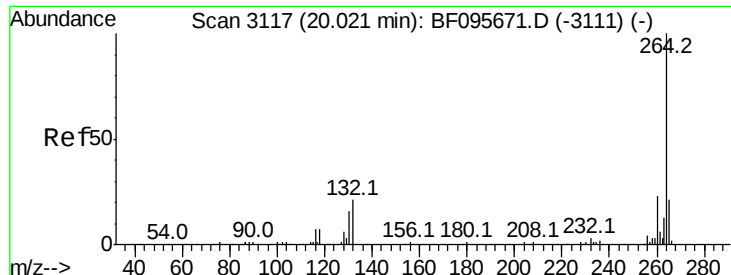
Tot Ion:240 Resp: 123143
 Ion Ratio Lower Upper
 240 100
 120 13.9 5.8 8.8#
 236 24.1 20.5 30.7



#78
 Terphenyl-d14
 Concen: 71.94 ng
 RT: 16.94 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BF095978.D
 Acq: 17 Jun 2017 4:25

Tgt Ion:244 Resp: 356973
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.8 10.3 15.5

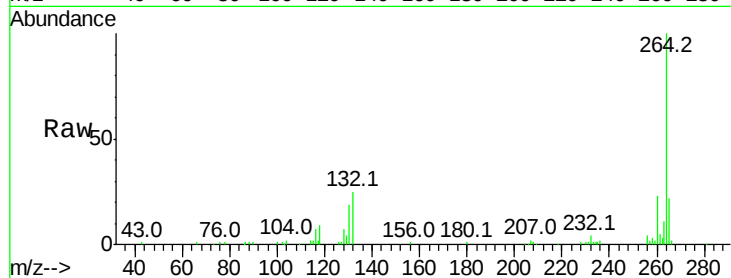




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095978.D
 Acq: 17 Jun 2017 4:25

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-061417

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	22.4	17.2	25.8



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

