

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094146.D
 Acq On : 4 Apr 2017 4:18
 Operator : SJ/MA
 Sample : I2510-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-U4-BASE

Quant Time: Apr 04 07:00:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

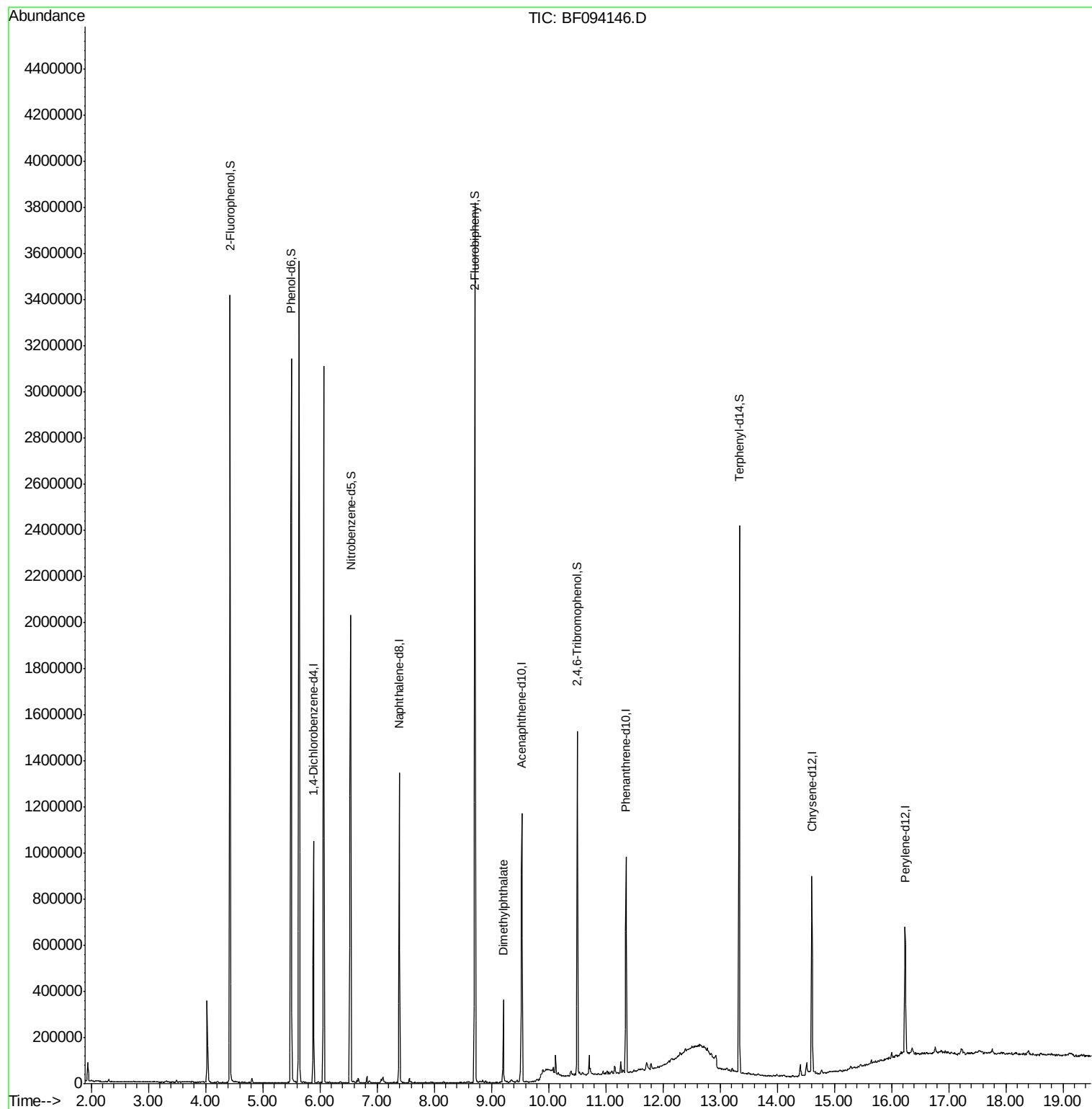
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	163556	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	625201	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	242280	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	355243	20.00	ng	-0.02
75) Chrysene-d12	14.61	240	310268	20.00	ng	-0.02
86) Perylene-d12	16.24	264	224308	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.43	112	1092152	112.78	ng	0.00
7) Phenol-d6	5.50	99	1351475	112.82	ng	-0.01
23) Nitrobenzene-d5	6.54	82	805067	73.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	180392	94.22	ng	-0.01
44) 2-Fluorobiphenyl	8.72	172	1325987	83.48	ng	-0.02
78) Terphenyl-d14	13.34	244	811415	58.62	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.21	163	148186	8.60	ng	Qvalue 98

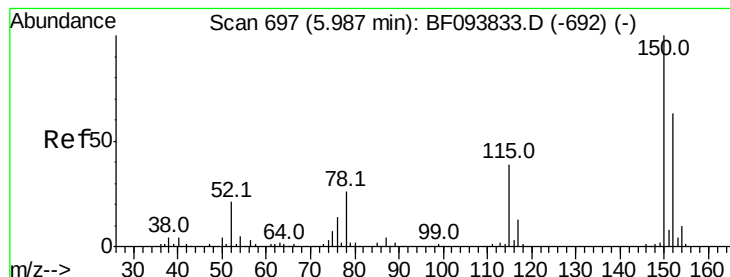
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.89 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF094146.D

Acq: 4 Apr 2017 4:18

Instrument :

BNA_F

ClientSampleId :

E2-U4-BASE

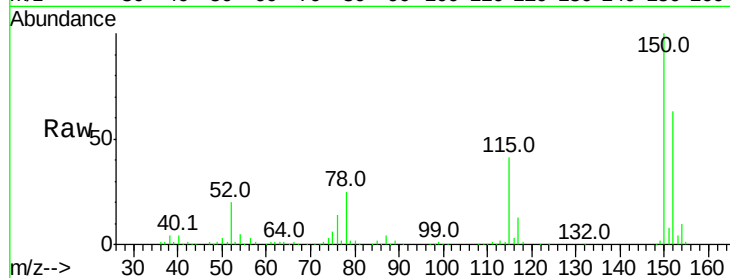
Tot Ion:152 Resp: 163556

Ion Ratio Lower Upper

152 100

150 159.6 126.2 189.2

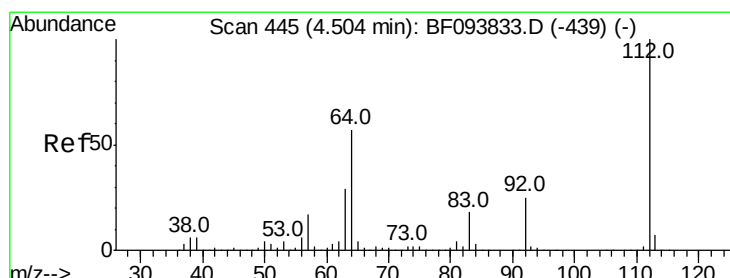
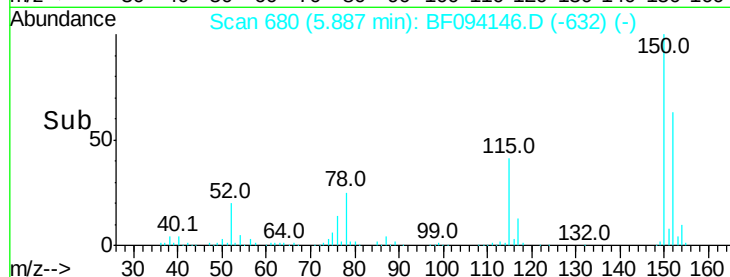
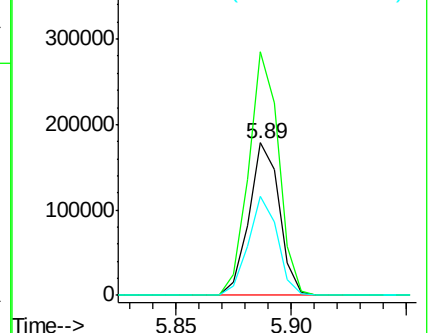
115 64.9 52.2 78.2



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: 112.78 ng

RT: 4.43 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF094146.D

Acq: 4 Apr 2017 4:18

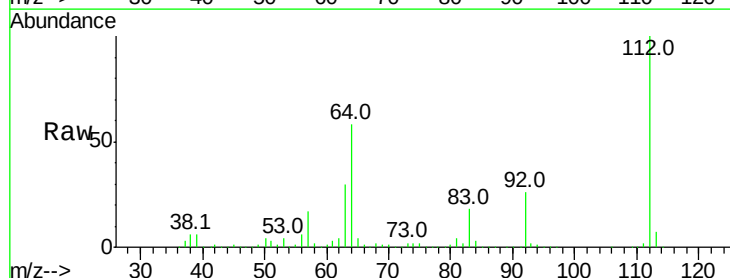
Tgt Ion:112 Resp: 1092152

Ion Ratio Lower Upper

112 100

64 58.5 46.0 69.0

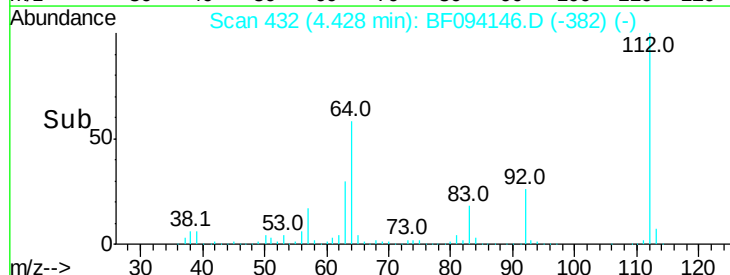
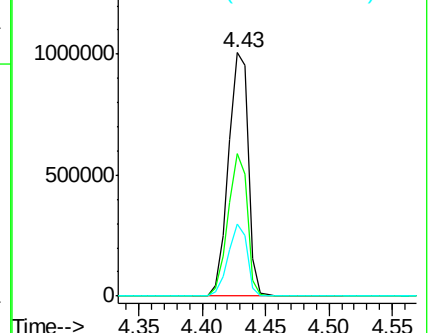
63 29.7 23.4 35.0

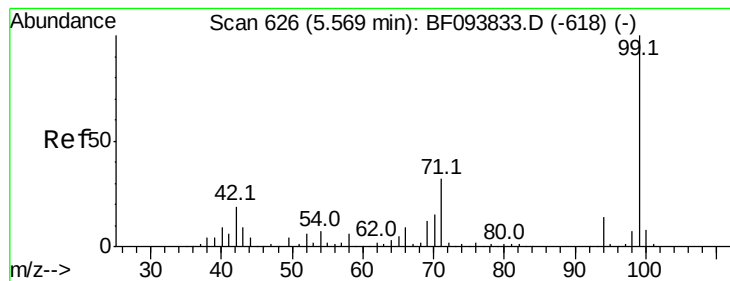


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.82 ng

RT: 5.50 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF094146.D

Acq: 4 Apr 2017 4:18

Instrument :

BNA_F

ClientSampleId :

E2-U4-BASE

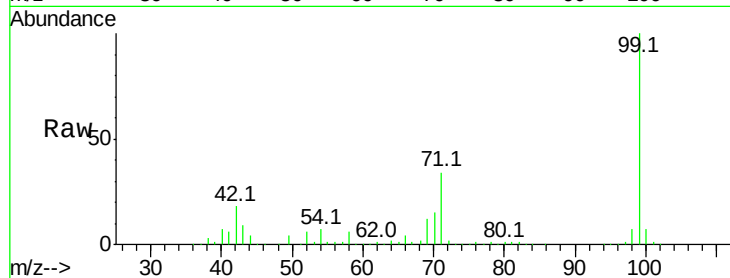
Tot Ion: 99 Resp: 1351475

Ion Ratio Lower Upper

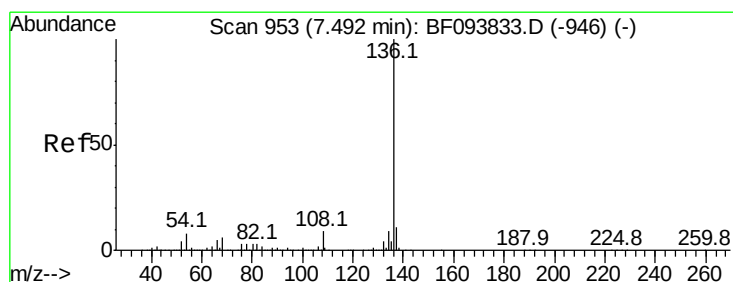
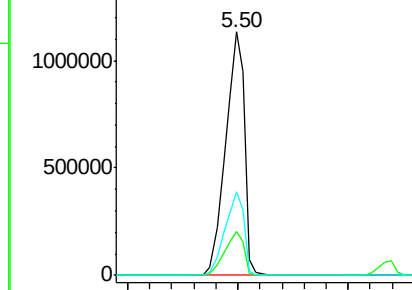
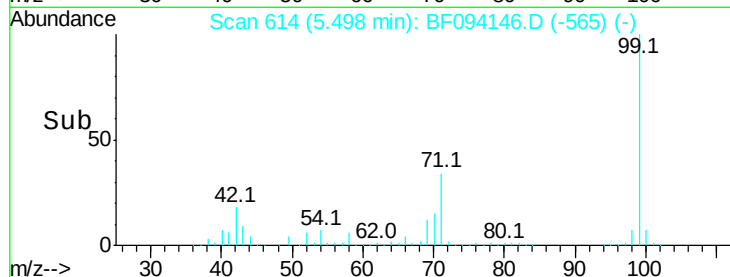
99 100

42 18.3 13.5 20.3

71 34.4 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: 7.39 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF094146.D

Acq: 4 Apr 2017 4:18

Tgt Ion: 136 Resp: 625201

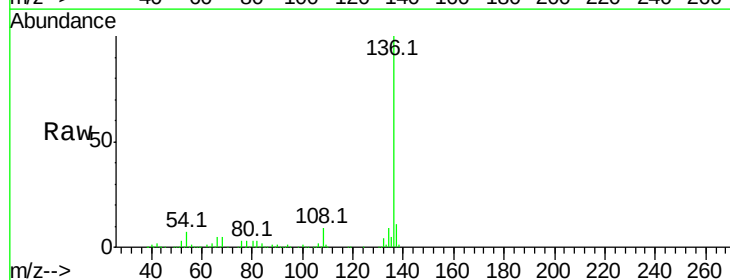
Ion Ratio Lower Upper

136 100

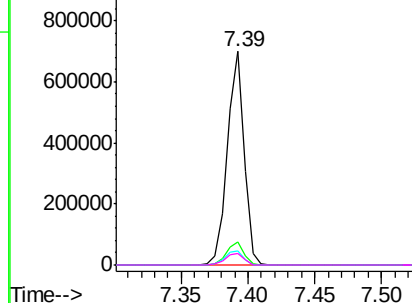
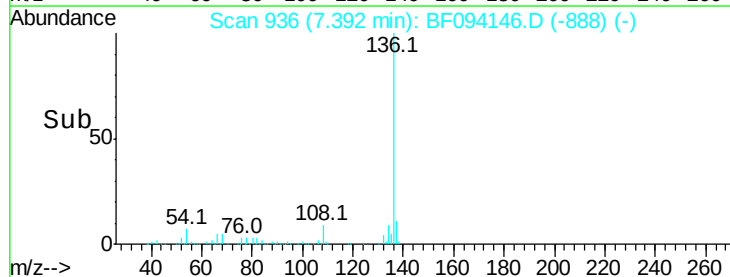
137 10.8 8.5 12.7

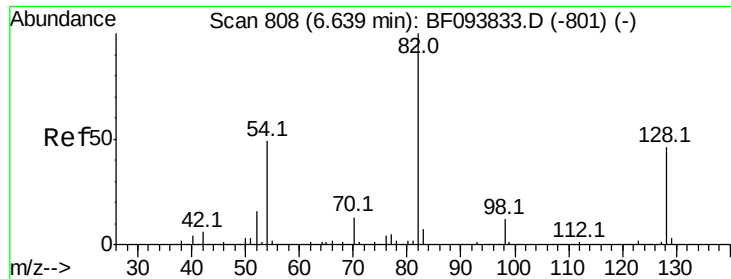
54 6.8 4.9 7.3

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

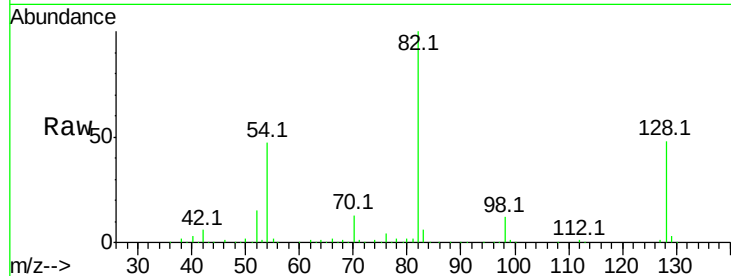




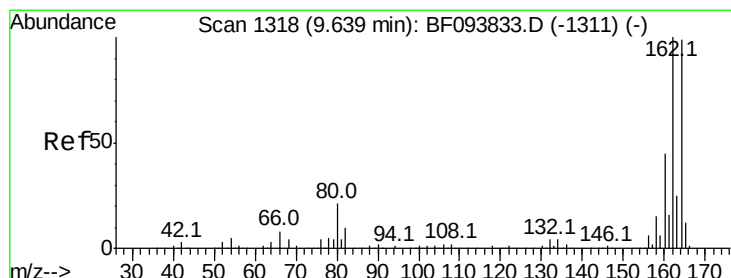
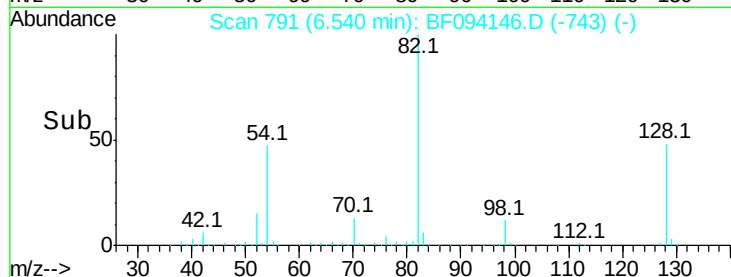
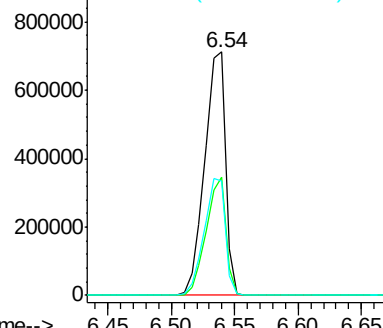
#23
 Nitrobenzene-d5
 Concen: 73.49 ng
 RT: 6.54 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF094146.D
 Acq: 4 Apr 2017 4:18

Instrument :
 BNA_F
 ClientSampleId :
 E2-U4-BASE

Tot Ion: 82 Resp: 805067
 Ion Ratio Lower Upper
 82 100
 128 48.3 34.0 51.0
 54 46.9 42.2 63.2

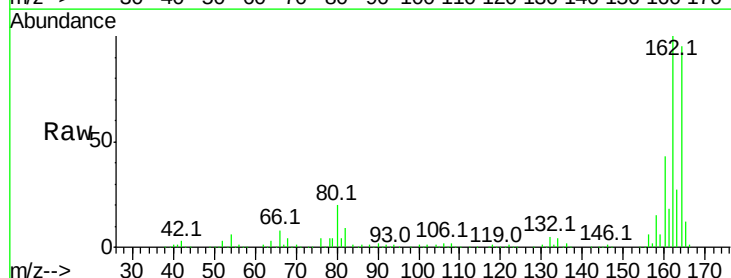


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

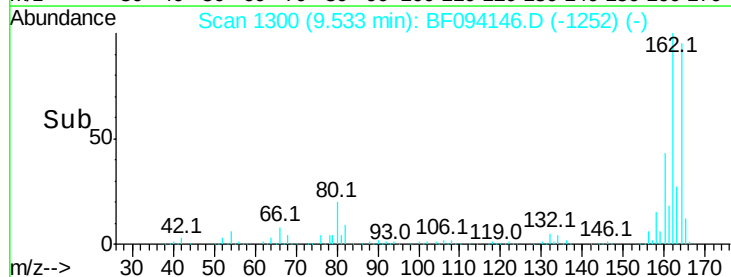
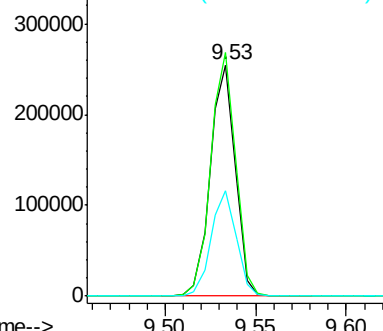


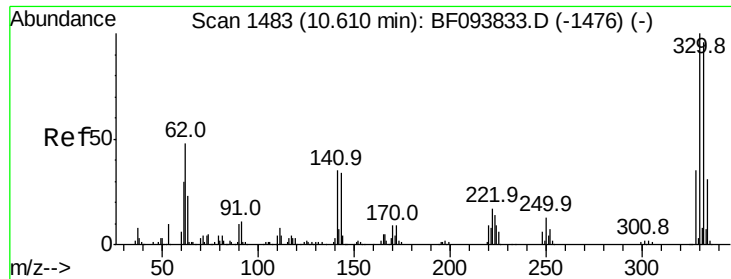
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF094146.D
 Acq: 4 Apr 2017 4:18

Tgt Ion:164 Resp: 242280
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.6 123.8
 160 45.5 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

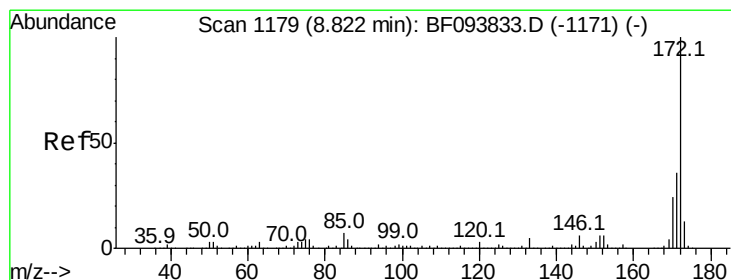
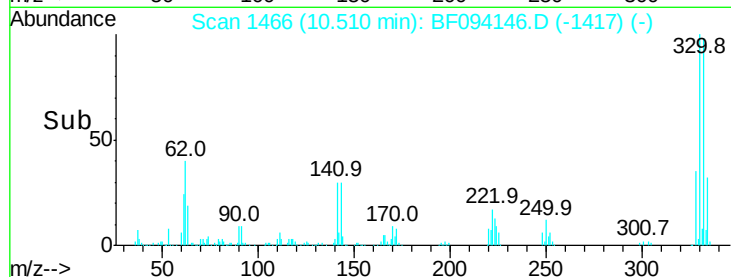
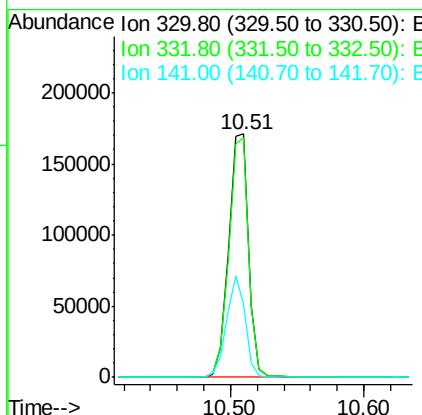
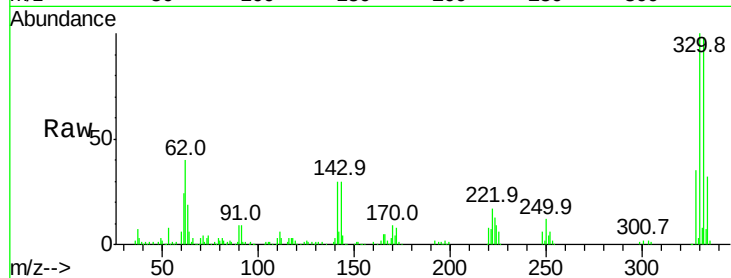




#41
 2,4,6-Tribromophenol
 Concen: 94.22 ng
 RT: 10.51 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF094146.D
 Acq: 4 Apr 2017 4:18

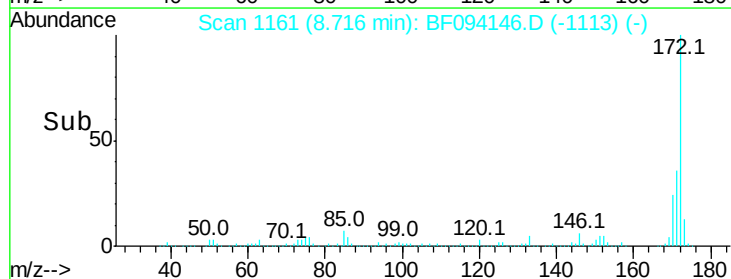
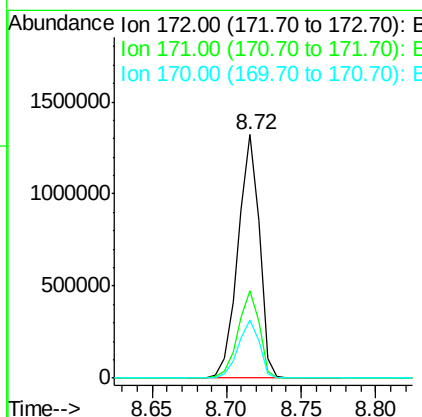
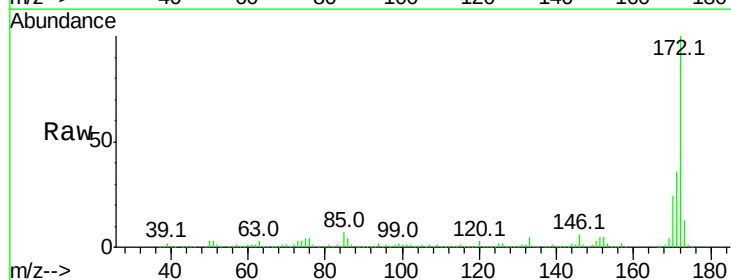
Instrument :
 BNA_F
 ClientSampleId :
 E2-U4-BASE

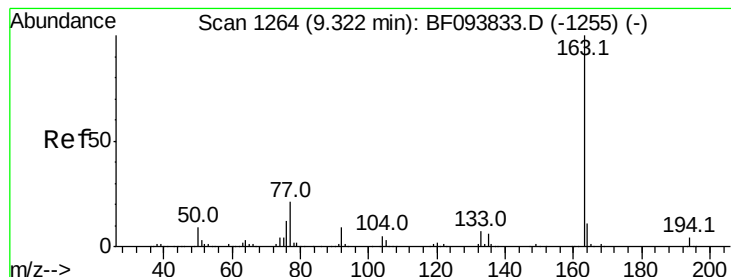
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	115.0
141	39.4	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 83.48 ng
 RT: 8.72 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF094146.D
 Acq: 4 Apr 2017 4:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.7	19.8	29.8





#49

Dimethylphthalate

Concen: 8.60 ng

RT: 9.21 min Scan# 1245

Delta R.T. -0.04 min

Lab File: BF094146.D

Acq: 4 Apr 2017 4:18

Instrument :

BNA_F

ClientSampleId :

E2-U4-BASE

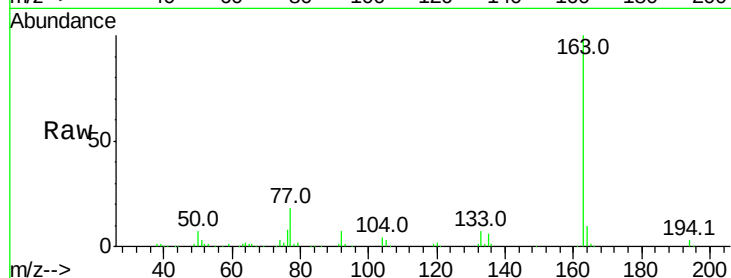
Tot Ion:163 Resp: 148186

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

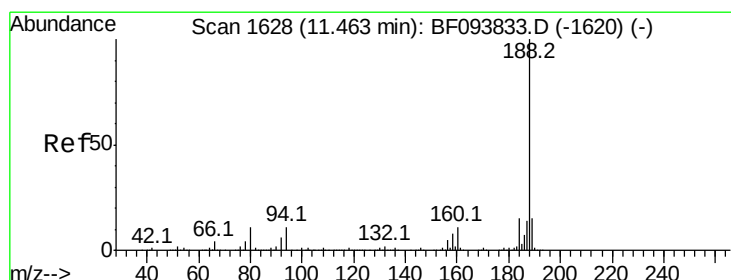
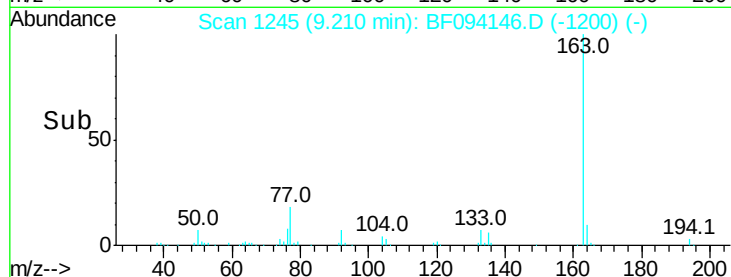
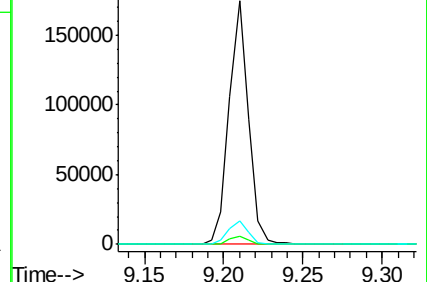
164 9.6 8.4 12.6



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: 11.36 min Scan# 1610

Delta R.T. -0.02 min

Lab File: BF094146.D

Acq: 4 Apr 2017 4:18

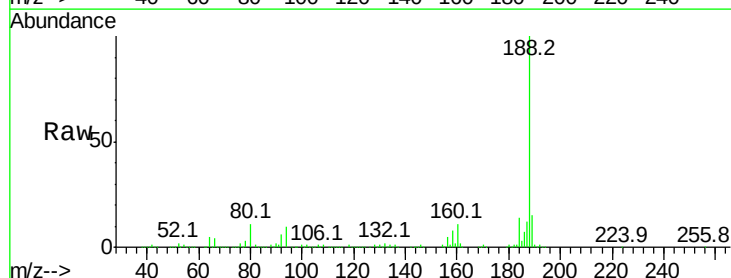
Tgt Ion:188 Resp: 355243

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

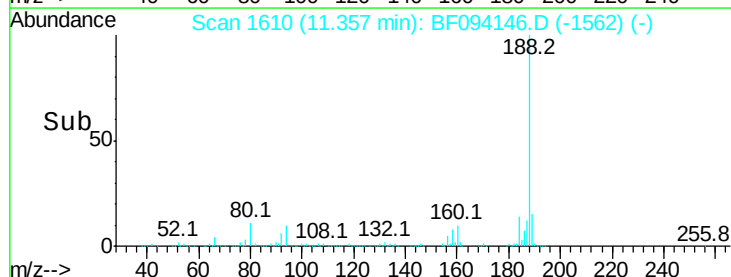
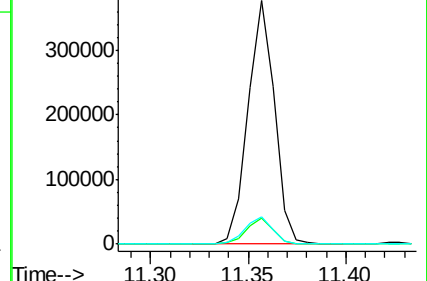
80 11.5 10.2 15.2

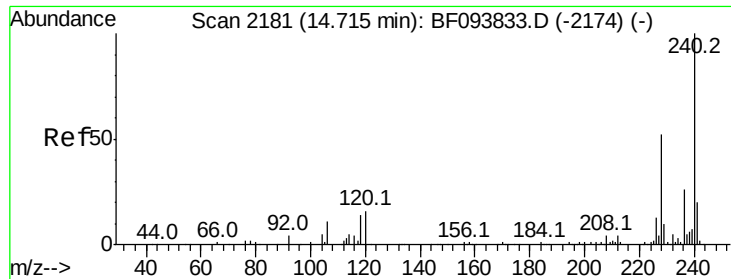


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

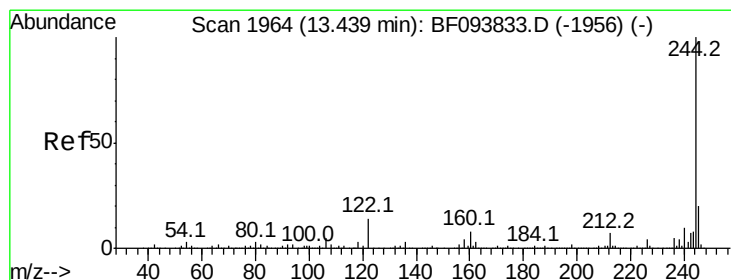
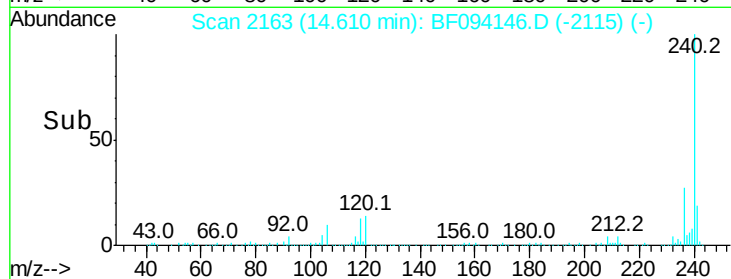
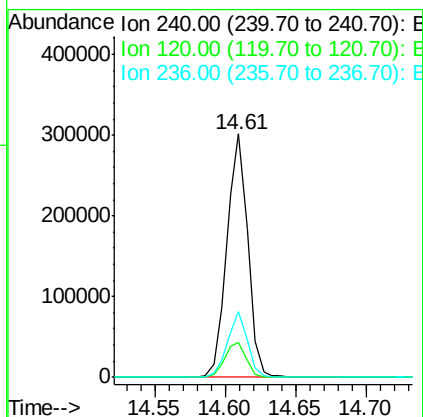
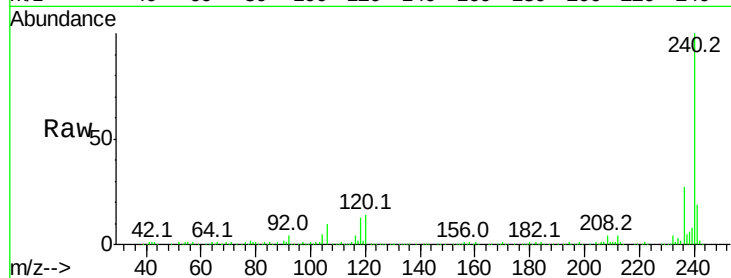




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.02 min
 Lab File: BF094146.D
 Acq: 4 Apr 2017 4:18

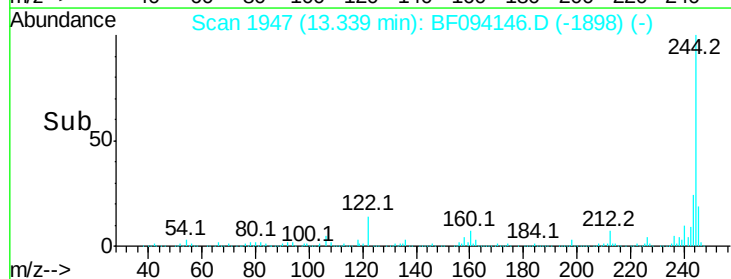
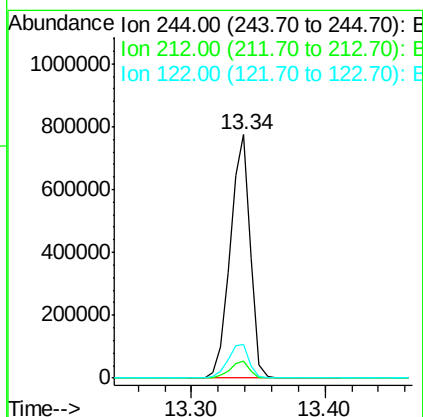
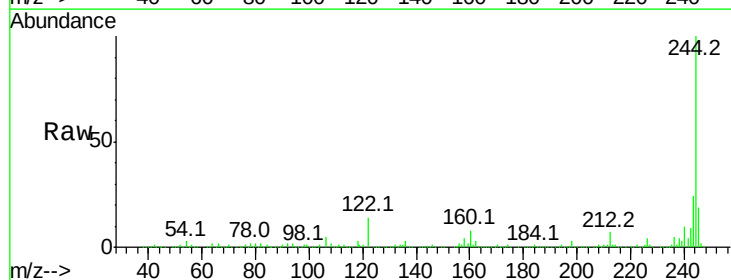
Instrument :
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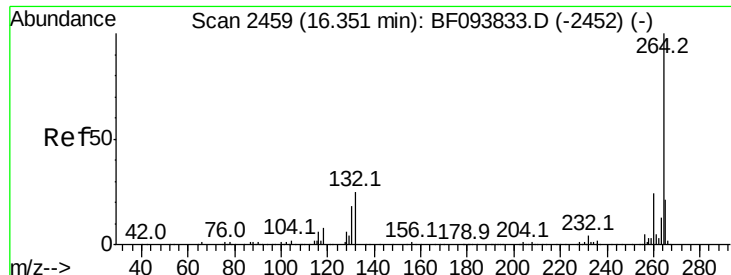
Tot Ion:240 Resp: 310268
 Ion Ratio Lower Upper
 240 100
 120 14.4 5.8 8.8#
 236 26.7 20.5 30.7



#78
 Terphenyl-d14
 Concen: 58.62 ng
 RT: 13.34 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BF094146.D
 Acq: 4 Apr 2017 4:18

Tgt Ion:244 Resp: 811415
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.8 10.3 15.5

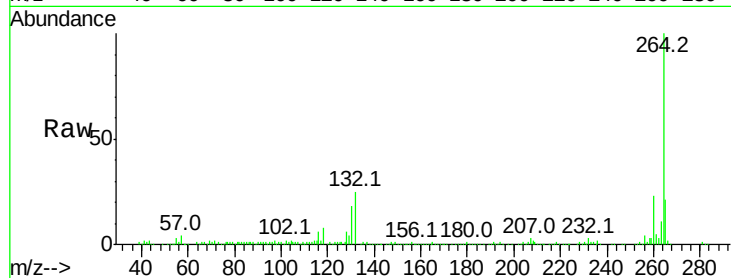




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BF094146.D
Acq: 4 Apr 2017 4:18

Instrument :
BNA_F
ClientSampleId :
E2-U4-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	20.8	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

