

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
 Data File : BF093278.D
 Acq On : 1 Mar 2017 7:21
 Operator : SJ/MA
 Sample : I1997-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-W5-BASE

Quant Time: Mar 01 15:39:39 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	126885	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	453246	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	187308	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	298320	20.00	ng	-0.05
75) Chrysene-d12	13.99	240	215696	20.00	ng	-0.03
86) Perylene-d12	15.43	264	130491	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	115297	15.59	ng	-0.03
7) Phenol-d6	6.48	99	143324	15.06	ng	-0.01
23) Nitrobenzene-d5	7.38	82	96496	11.86	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	19437	14.35	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	164903	15.95	ng	-0.05
78) Terphenyl-d14	12.92	244	131296	14.30	ng	-0.05

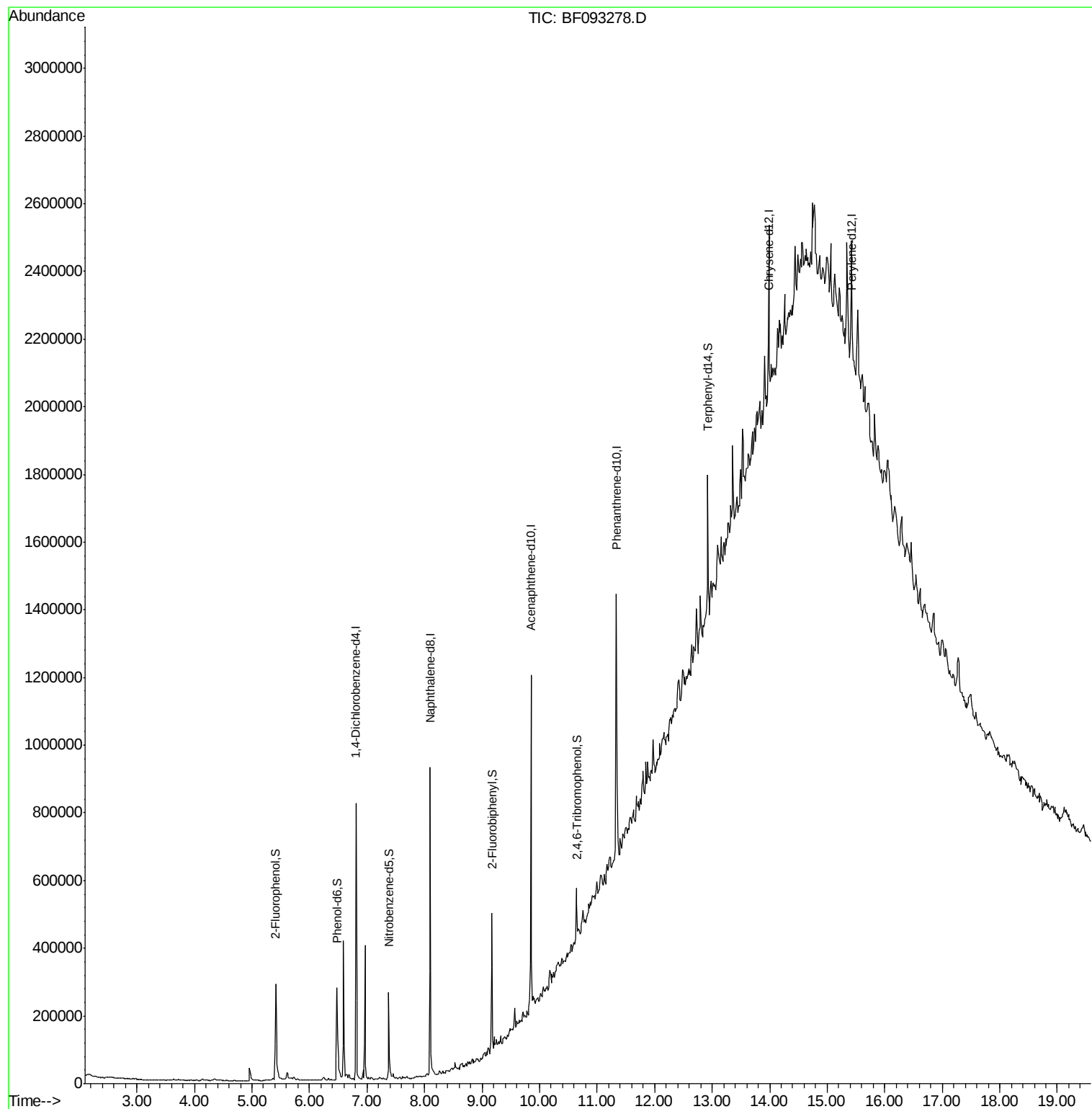
Target Compounds	Qvalue
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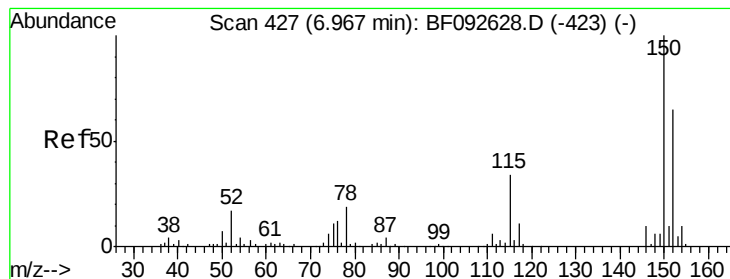
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 17 17:31:55 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF093278.D

Acq: 1 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

E2-W5-BASE

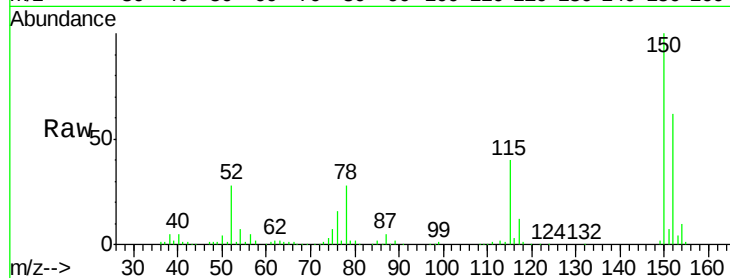
Tgt Ion:152 Resp: 126885

Ion Ratio Lower Upper

152 100

150 160.0 124.9 187.3

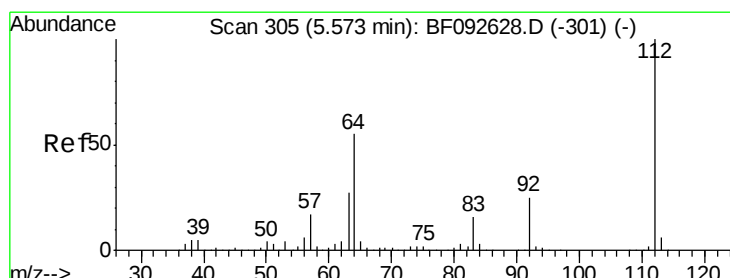
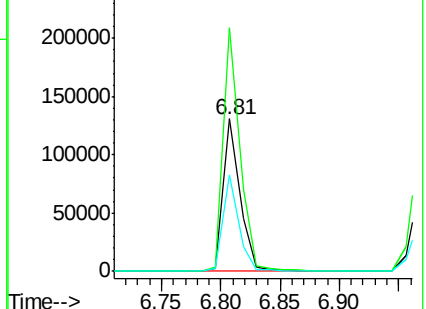
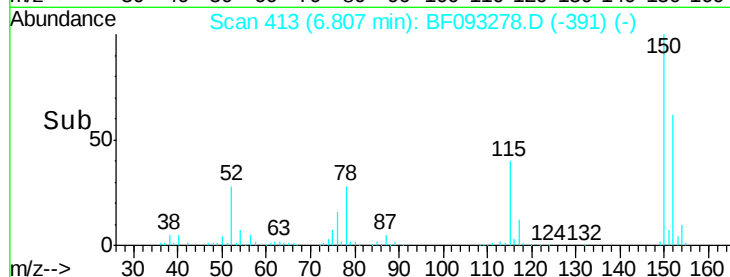
115 63.5 46.0 69.0



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: 15.59 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF093278.D

Acq: 1 Mar 2017 7:21

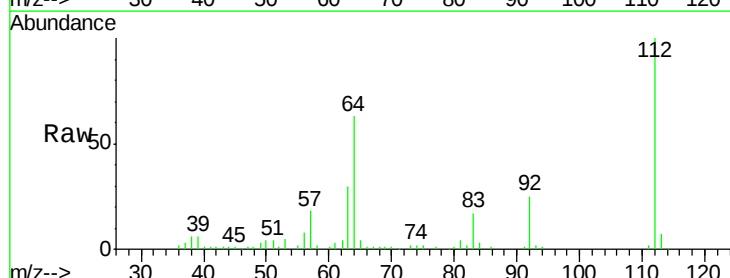
Tgt Ion:112 Resp: 115297

Ion Ratio Lower Upper

112 100

64 62.9 46.1 69.1

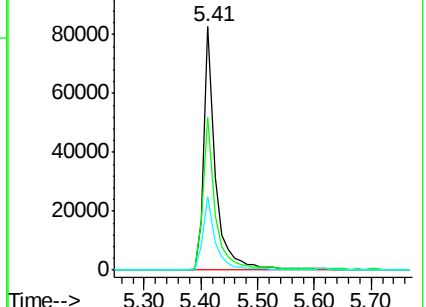
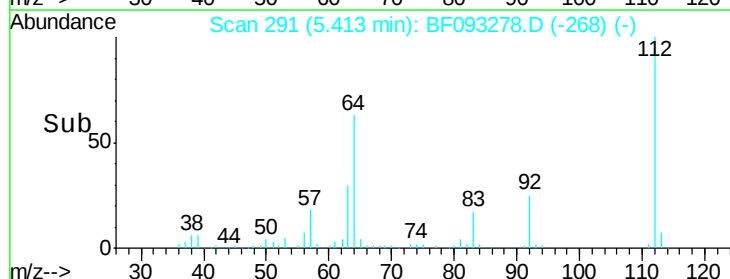
63 30.4 23.8 35.6

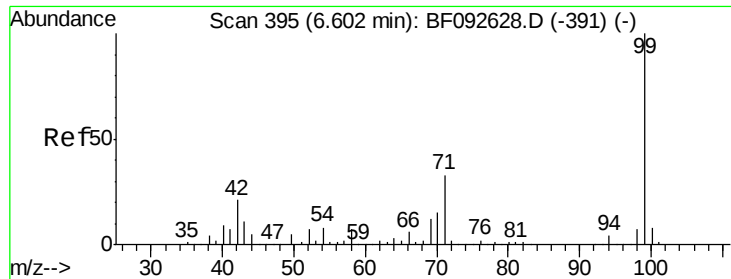


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 15.06 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093278.D

Acq: 1 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

E2-W5-BASE

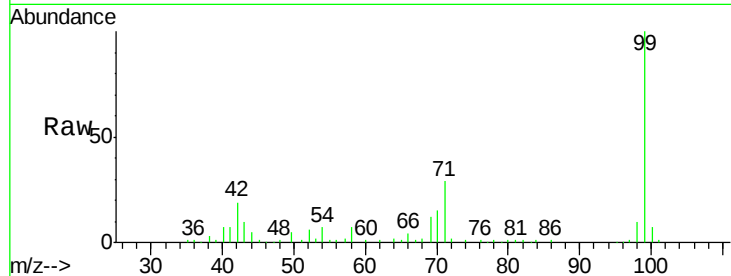
Tgt Ion: 99 Resp: 143324

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

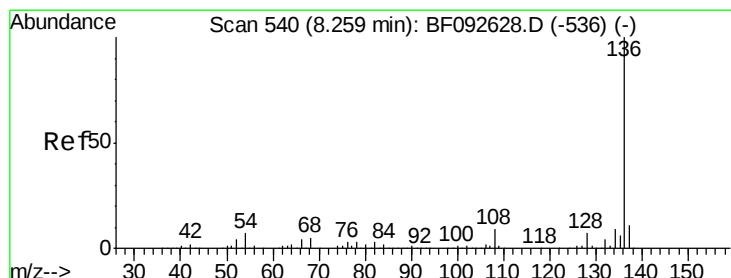
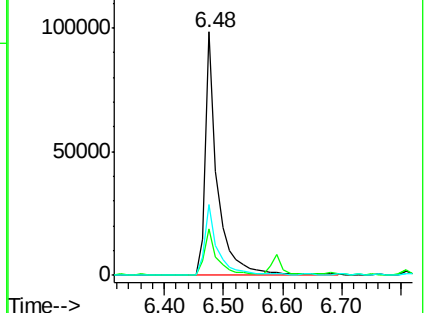
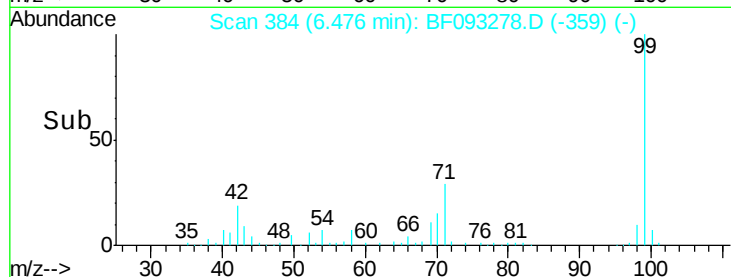
71 28.9 27.5 41.3



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: 8.10 min Scan# 526

Delta R.T. -0.05 min

Lab File: BF093278.D

Acq: 1 Mar 2017 7:21

Tgt Ion: 136 Resp: 453246

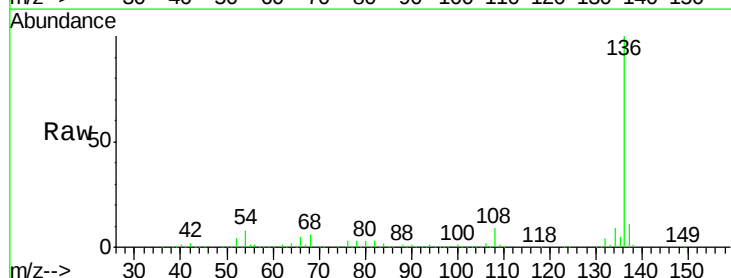
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 8.0 4.5 6.7#

68 6.0 3.6 5.4#

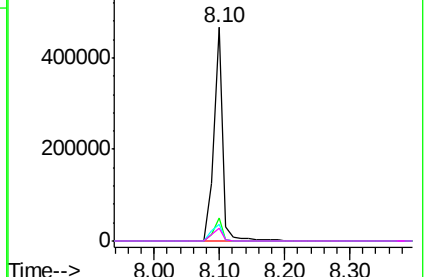
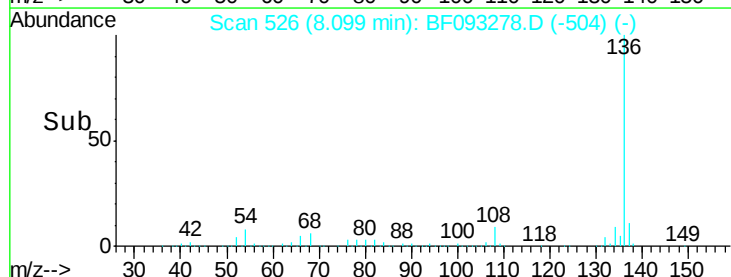


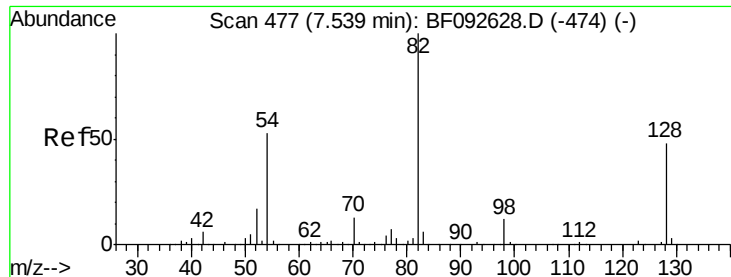
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

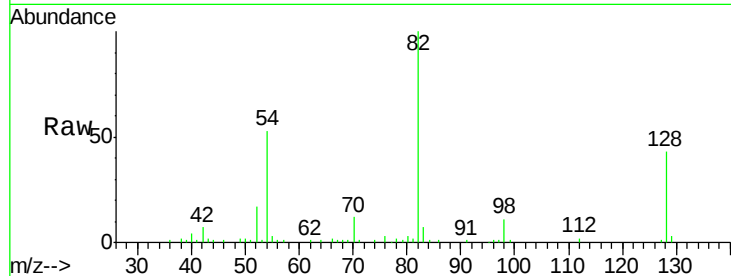




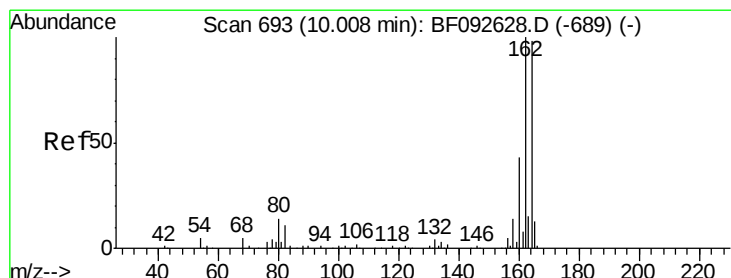
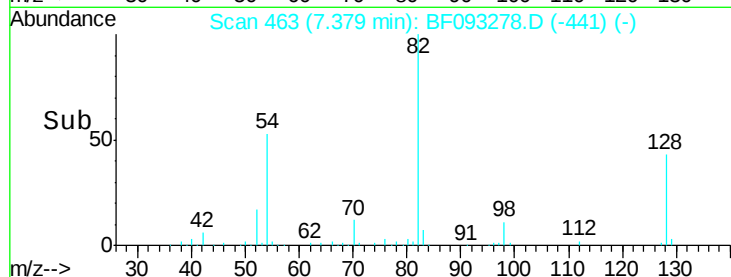
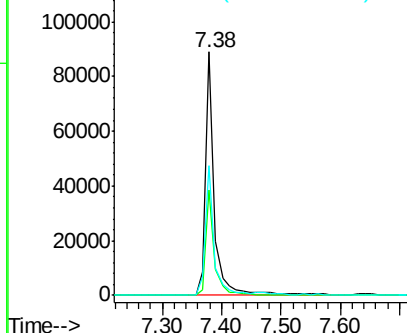
#23
 Nitrobenzene-d5
 Concen: 11.86 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.05 min
 Lab File: BF093278.D
 Acq: 1 Mar 2017 7:21

Instrument :
 BNA_F
 ClientSampleId :
 E2-W5-BASE

Tgt Ion: 82 Resp: 96496
 Ion Ratio Lower Upper
 82 100
 128 43.2 34.6 52.0
 54 53.4 39.5 59.3

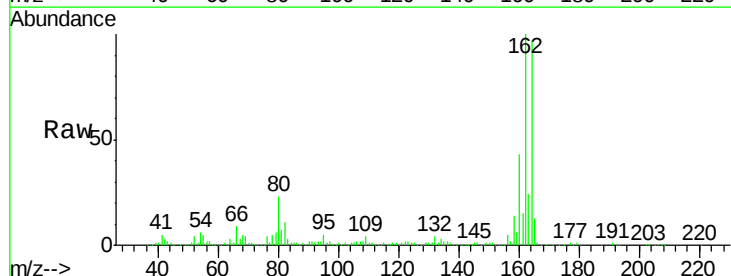


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

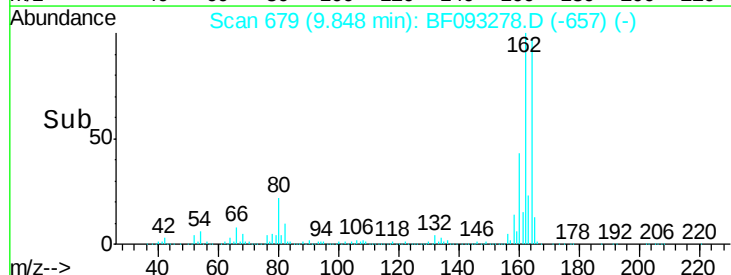
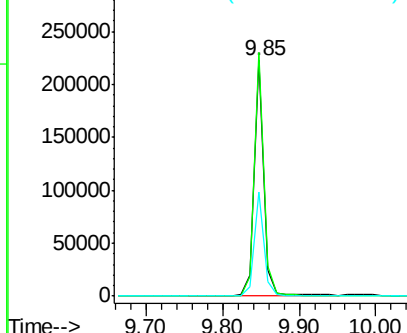


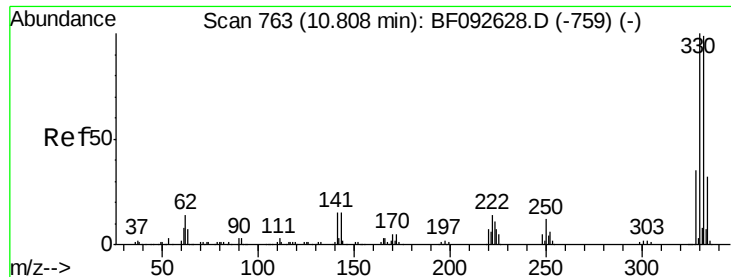
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF093278.D
 Acq: 1 Mar 2017 7:21

Tgt Ion: 164 Resp: 187308
 Ion Ratio Lower Upper
 164 100
 162 103.5 80.2 120.2
 160 44.2 36.9 55.3



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

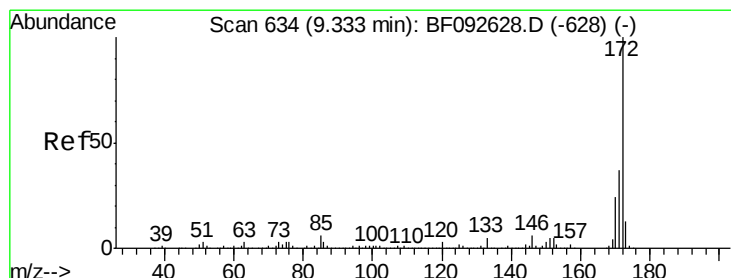
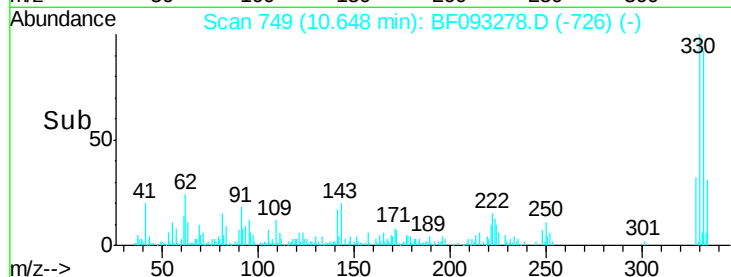
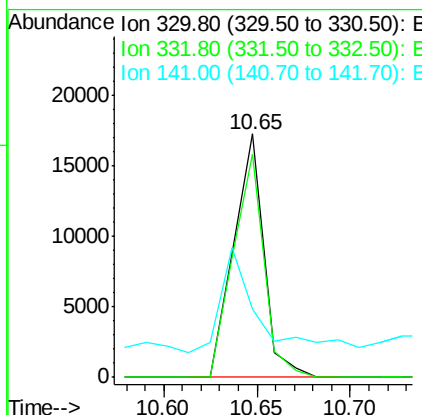
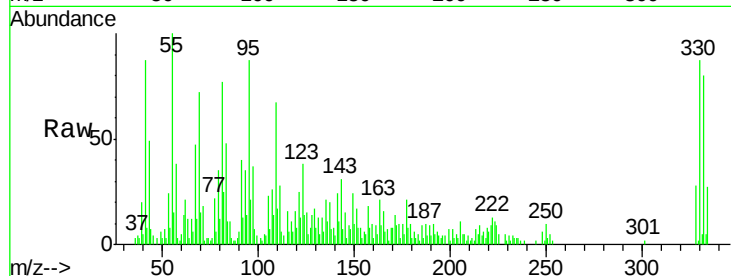




#41
 2,4,6-Tribromophenol
 Concen: 14.35 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093278.D
 Acq: 1 Mar 2017 7:21

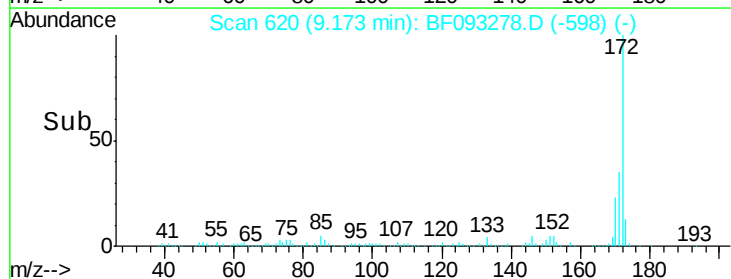
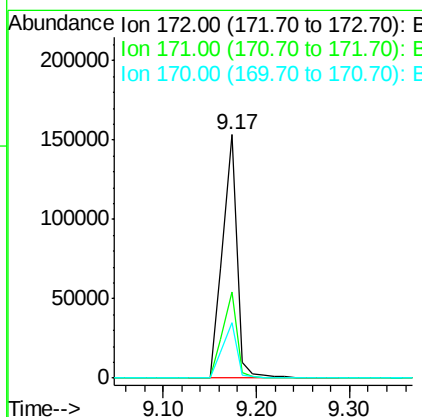
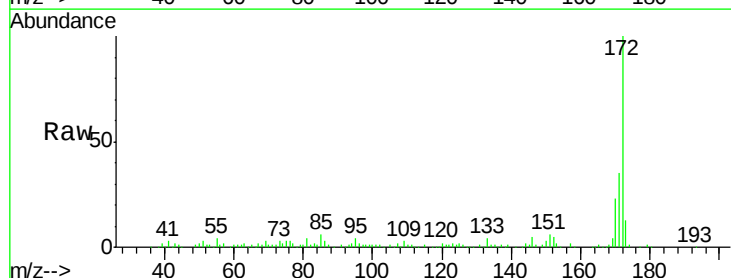
Instrument :
 BNA_F
 ClientSampleId :
 E2-W5-BASE

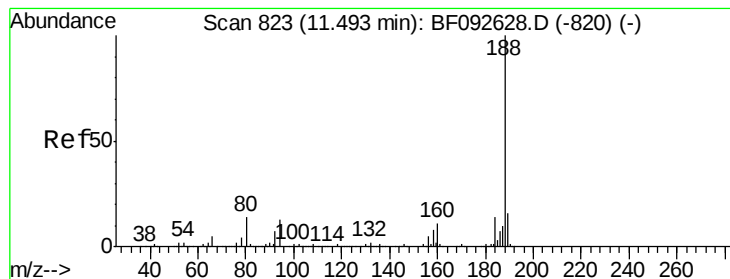
Tgt Ion:330 Resp: 19437
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.4 116.2
 141 54.2 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 15.95 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093278.D
 Acq: 1 Mar 2017 7:21

Tgt Ion:172 Resp: 164903
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.4 44.0
 170 22.8 20.2 30.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF093278.D

Acq: 1 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

E2-W5-BASE

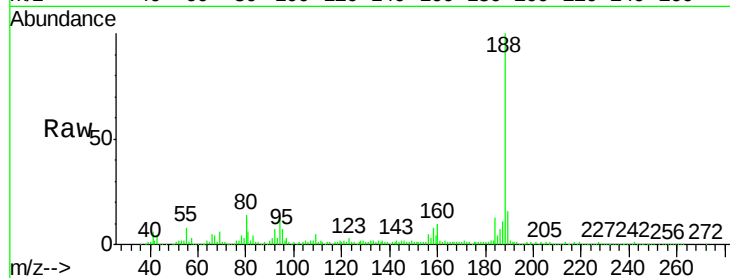
Tgt Ion:188 Resp: 298320

Ion Ratio Lower Upper

188 100

94 12.9 10.0 15.0

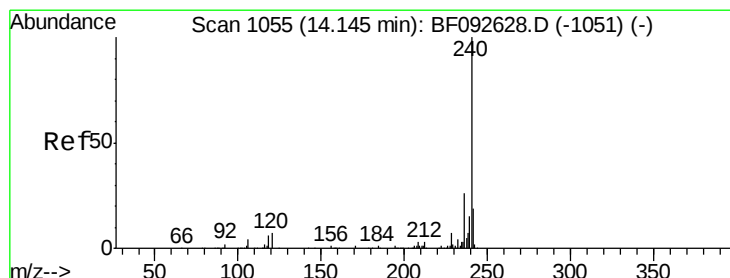
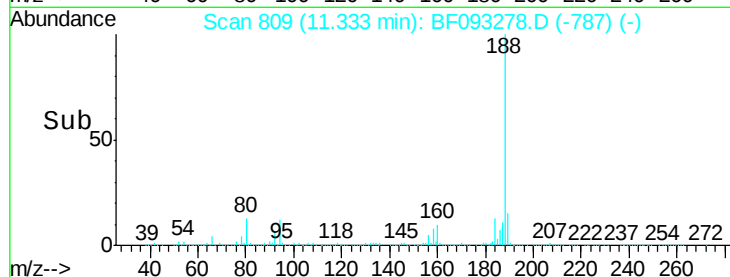
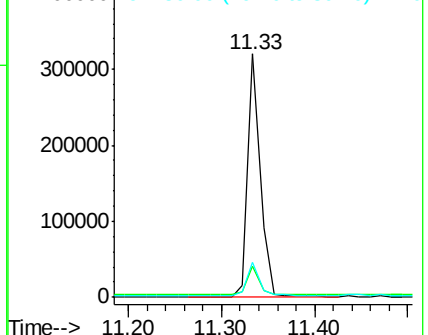
80 14.1 11.2 16.8



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: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093278.D

Acq: 1 Mar 2017 7:21

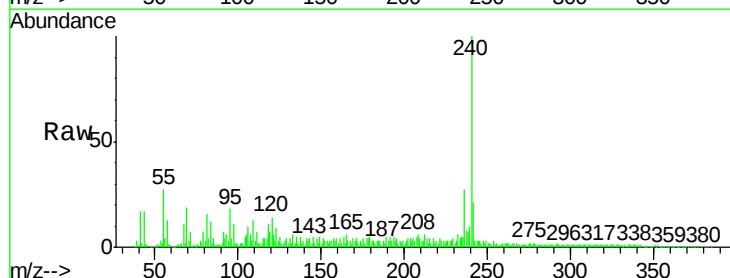
Tgt Ion:240 Resp: 215696

Ion Ratio Lower Upper

240 100

120 14.1 12.9 19.3

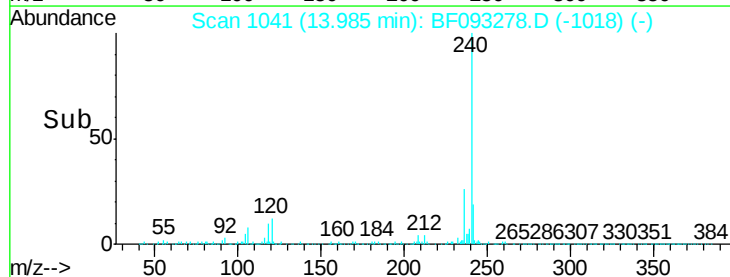
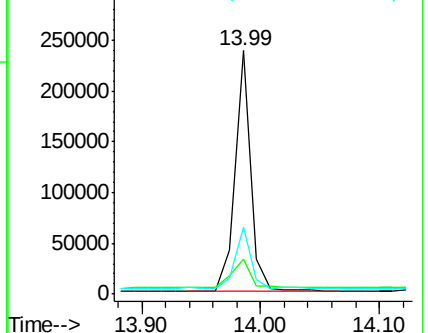
236 27.4 20.9 31.3

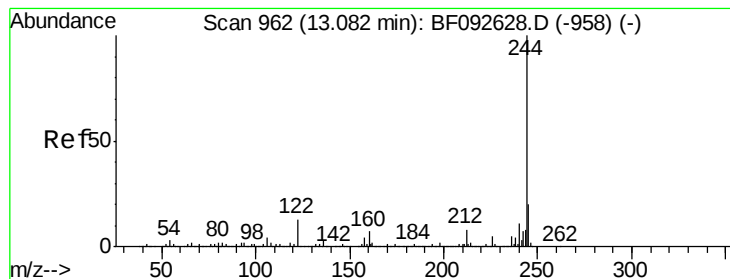


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 14.30 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF093278.D

Acq: 1 Mar 2017 7:21

Instrument :

BNA_F

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E2-W5-BASE

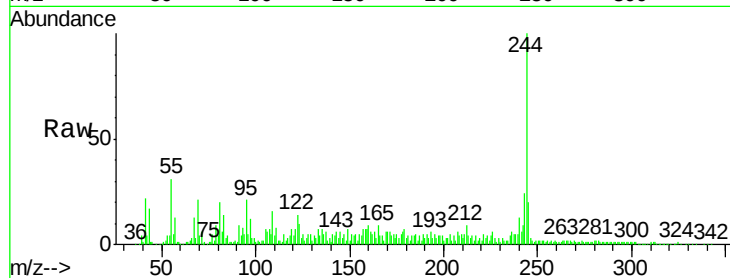
Tgt Ion:244 Resp: 131296

Ion Ratio Lower Upper

244 100

212 9.1 6.2 9.2

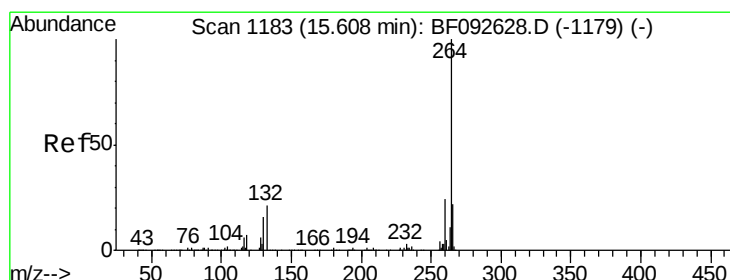
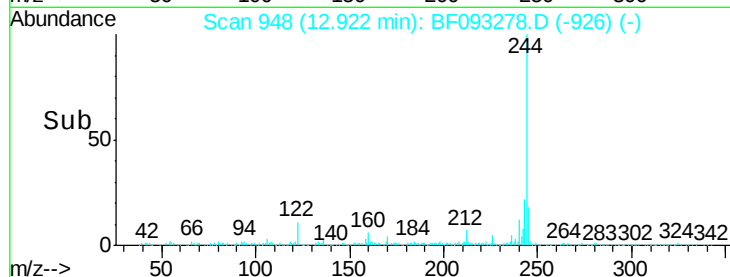
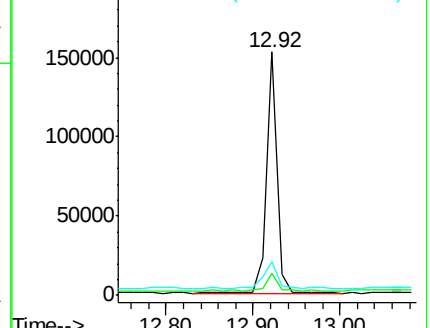
122 14.0 11.4 17.2



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

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093278.D

Acq: 1 Mar 2017 7:21

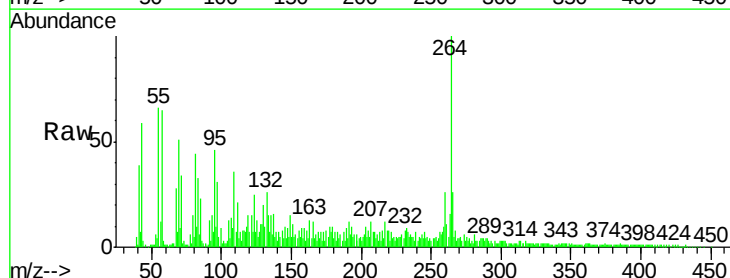
Tgt Ion:264 Resp: 130491

Ion Ratio Lower Upper

264 100

260 26.2 19.2 28.8

265 26.5 17.4 26.0#



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

