

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080816\
 Data File : BE092228.D
 Acq On : 8 Aug 2016 22:42
 Operator : UM/SJ
 Sample : H4383-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-1-080416

Quant Time: Aug 09 03:26:03 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-PAH-BE080216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 18:55:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	11553	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	53762	5.00	ng	-0.01
10) Acenaphthene-d10	14.83	164	30355	5.00	ng	-0.02
16) Phenanthrene-d10	17.56	188	73055	5.00	ng	-0.02
22) Chrysene-d12	21.73	240	96224	5.00	ng	-0.02
28) Perylene-d12	24.14	264	95535	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	4878	1.64	ng	0.00
5) Phenol-d6	7.35	99	6835	1.73	ng	0.00
7) Nitrobenzene-d5	9.35	82	4420	1.04	ng	0.00
11) 2,4,6-Tribromophenol	16.33	330	8832	8.96	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	23788	2.47	ng	0.00
24) Terphenyl-d14	20.19	244	60993	4.41	ng	-0.02

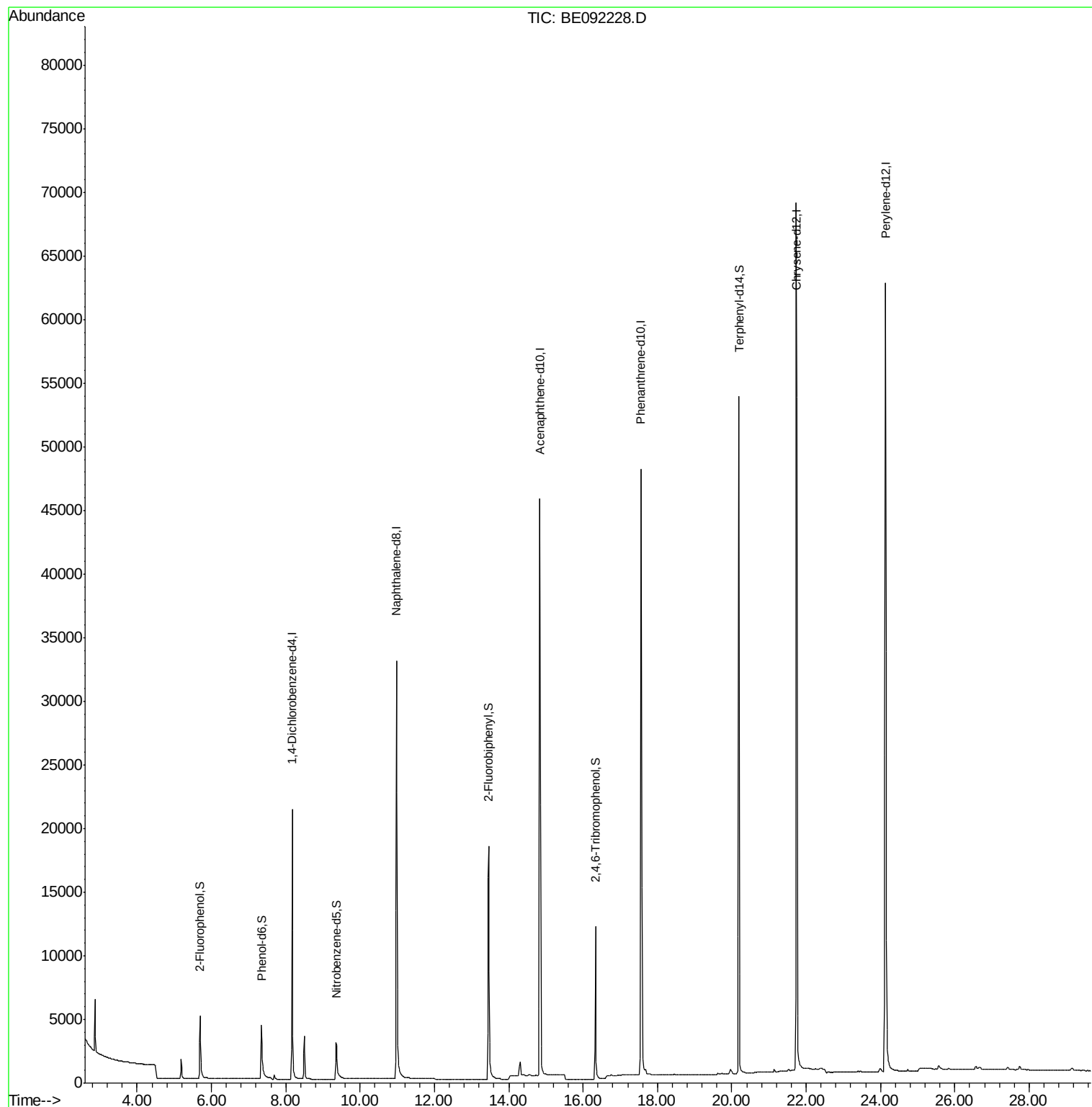
Target Compounds	Qvalue
------------------	--------

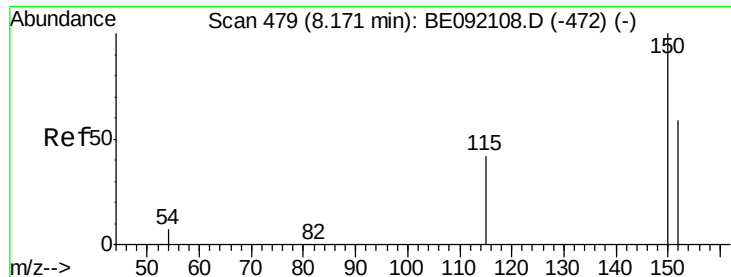
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080816\
Data File : BE092228.D
Acq On : 8 Aug 2016 22:42
Operator : UM/SJ
Sample : H4383-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MW-1-080416

Quant Time: Aug 09 03:26:03 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-PAH-BE080216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 18:55:30 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE092228.D

Acq: 8 Aug 2016 22:42

Instrument :

BNA_E

ClientSampleId :

MW-1-080416

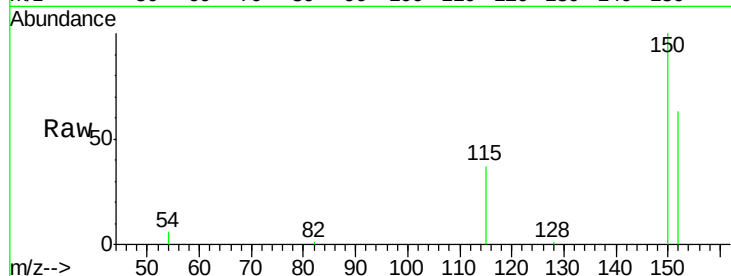
Tgt Ion:152 Resp: 11553

Ion Ratio Lower Upper

152 100

150 158.0 106.0 159.0

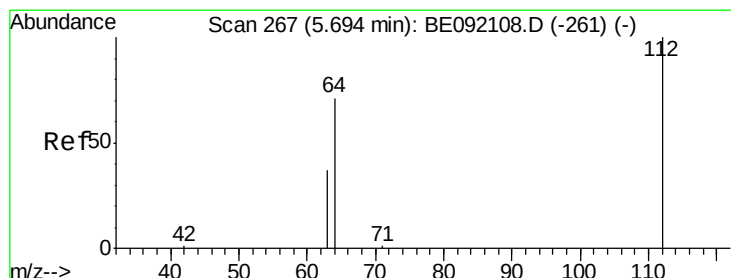
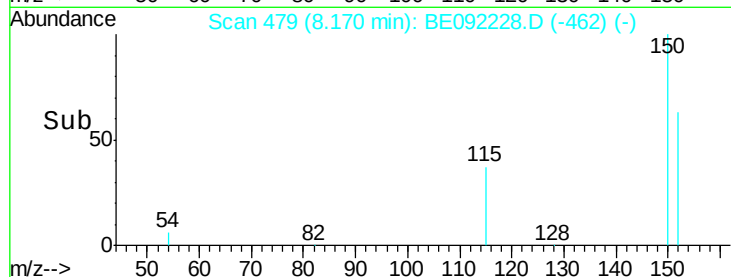
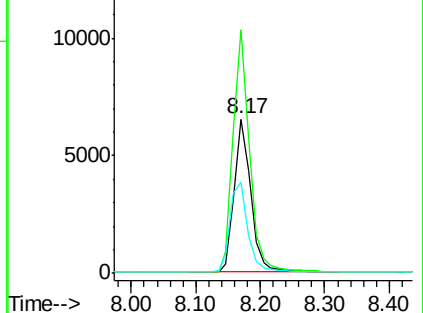
115 59.0 36.9 55.3#



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



#4

2-Fluorophenol

Concen: 1.64 ng

RT: 5.70 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE092228.D

Acq: 8 Aug 2016 22:42

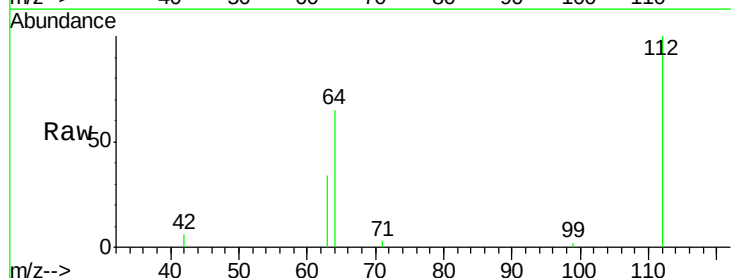
Tgt Ion:112 Resp: 4878

Ion Ratio Lower Upper

112 100

64 67.0 55.9 83.9

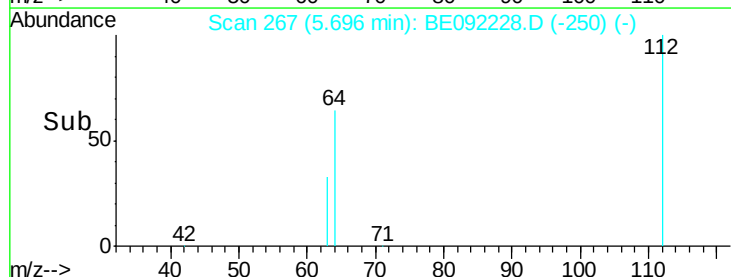
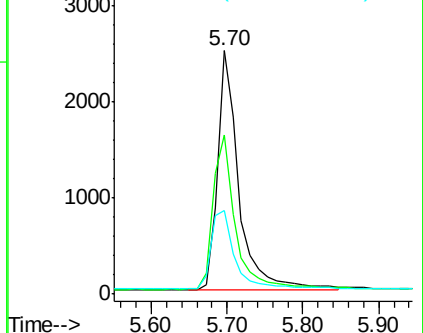
63 36.5 31.1 46.7

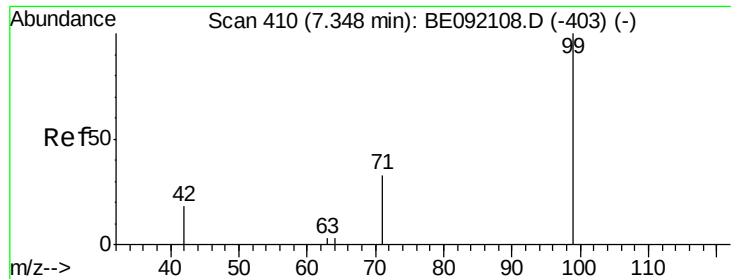


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.73 ng

RT: 7.35 min Scan# 410

Delta R.T. 0.00 min

Lab File: BE092228.D

Acq: 8 Aug 2016 22:42

Instrument :

BNA_E

ClientSampleId :

MW-1-080416

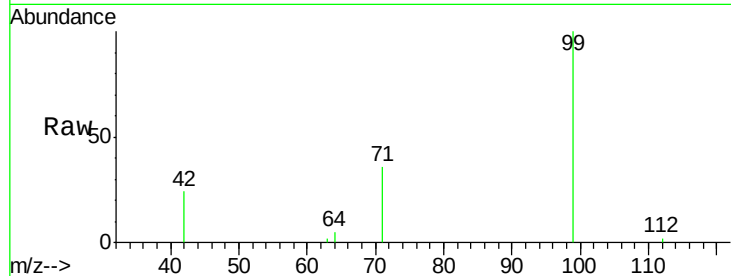
Tgt Ion: 99 Resp: 6835

Ion Ratio Lower Upper

99 100

42 25.4 22.4 33.6

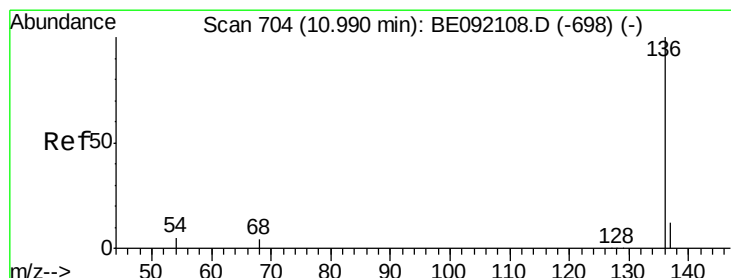
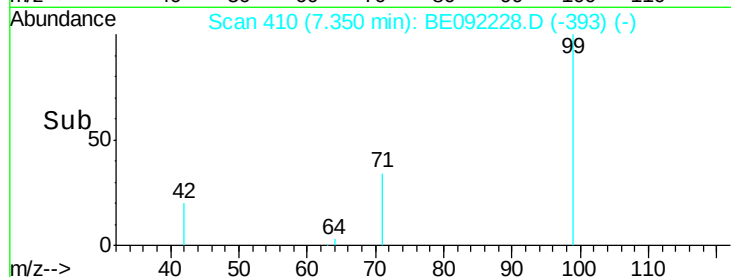
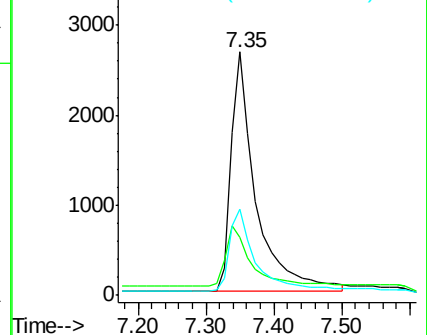
71 35.2 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BE092108.D (-403) (-)

Ion 42.00 (41.70 to 42.70): BE092108.D (-403) (-)

Ion 71.00 (70.70 to 71.70): BE092108.D (-403) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.98 min Scan# 703

Delta R.T. -0.01 min

Lab File: BE092228.D

Acq: 8 Aug 2016 22:42

Tgt Ion: 136 Resp: 53762

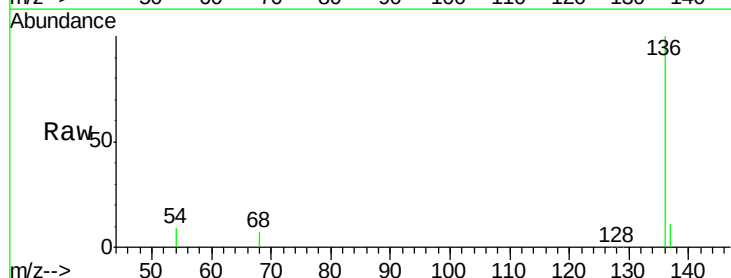
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 9.3 2.7 4.1#

68 6.6 2.2 3.4#

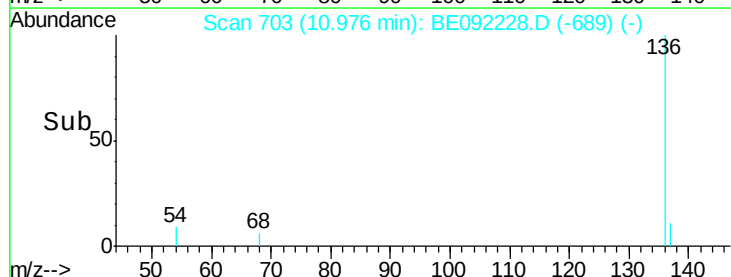
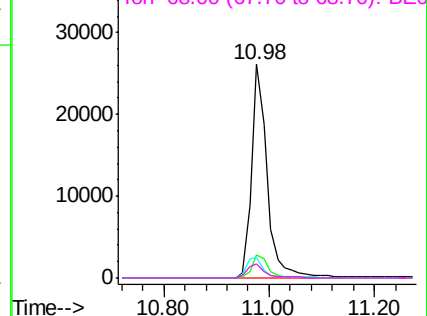


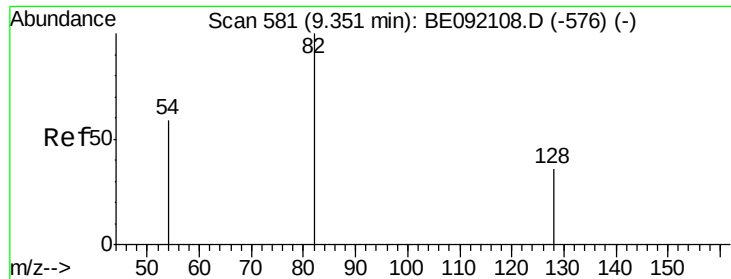
Abundance Ion 136.00 (135.70 to 136.70): BE092108.D (-698) (-)

Ion 137.00 (136.70 to 137.70): BE092108.D (-698) (-)

Ion 54.00 (53.70 to 54.70): BE092108.D (-698) (-)

Ion 68.00 (67.70 to 68.70): BE092108.D (-698) (-)





#7

Nitrobenzene-d5

Concen: 1.04 ng

RT: 9.35 min Scan# 581

Delta R.T. -0.00 min

Lab File: BE092228.D

Acq: 8 Aug 2016 22:42

Instrument :

BNA_E

ClientSampleId :

MW-1-080416

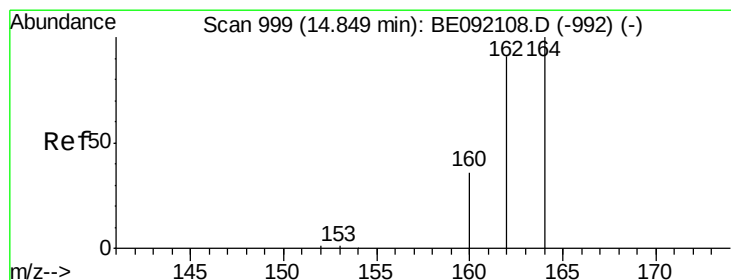
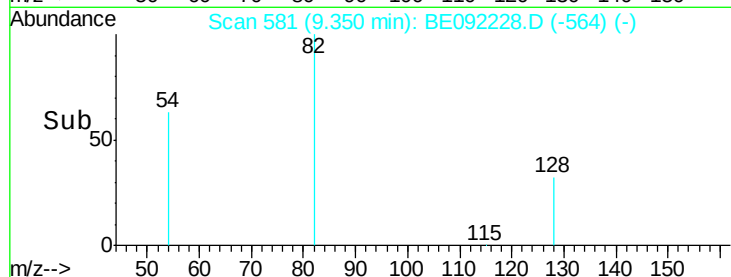
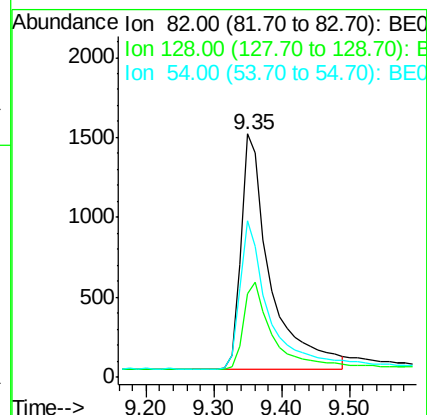
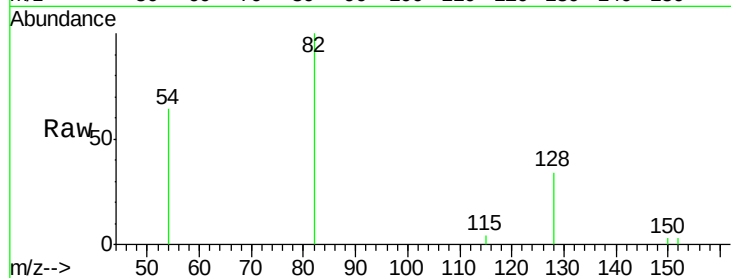
Tgt Ion: 82 Resp: 4420

Ion Ratio Lower Upper

82 100

128 34.3 33.0 49.4

54 64.2 42.6 63.8#



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 998

Delta R.T. -0.02 min

Lab File: BE092228.D

Acq: 8 Aug 2016 22:42

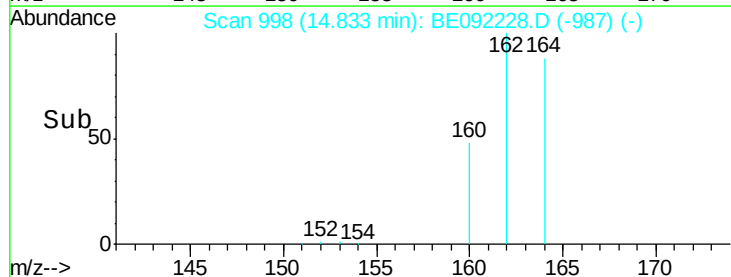
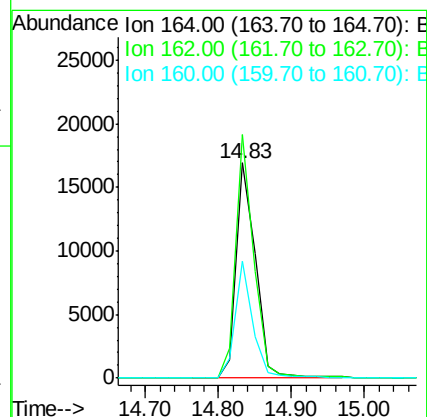
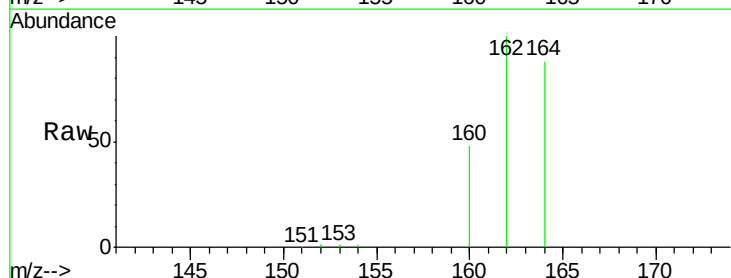
Tgt Ion: 164 Resp: 30355

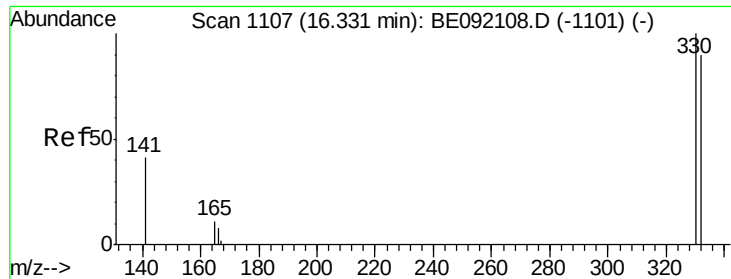
Ion Ratio Lower Upper

164 100

162 113.0 69.5 104.3#

160 54.5 27.6 41.4#

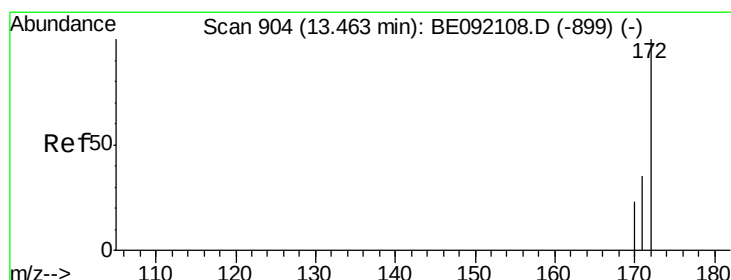
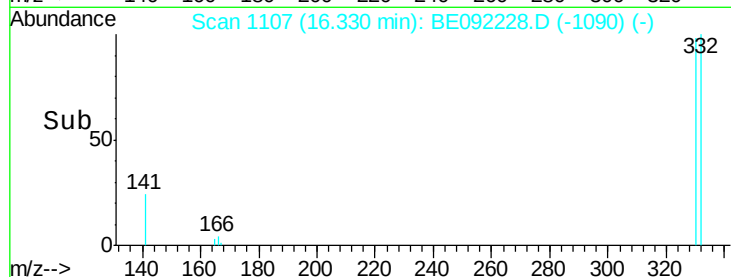
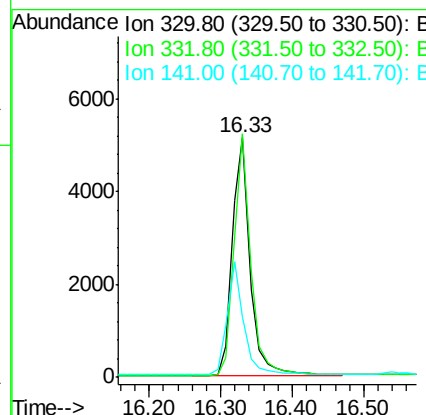
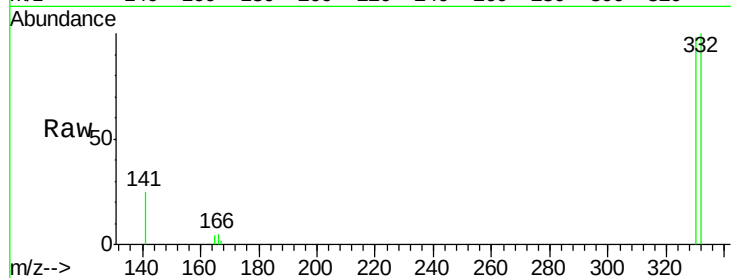




#11
2,4,6-Tribromophenol
Concen: 8.96 ng
RT: 16.33 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE092228.D
Acq: 8 Aug 2016 22:42

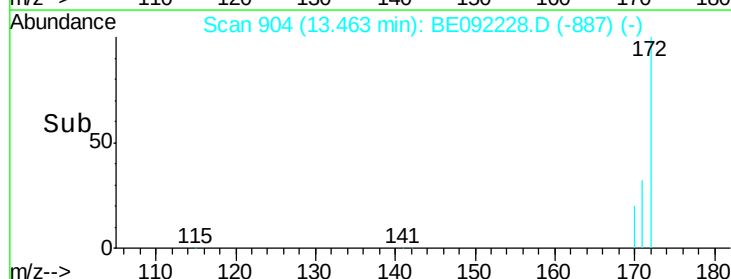
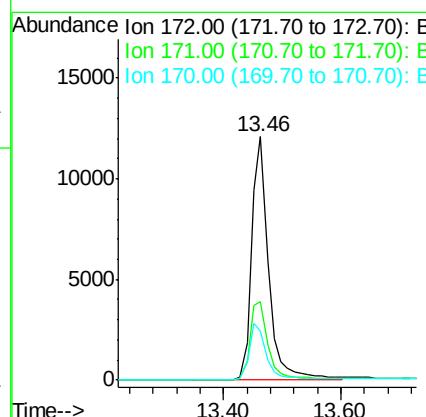
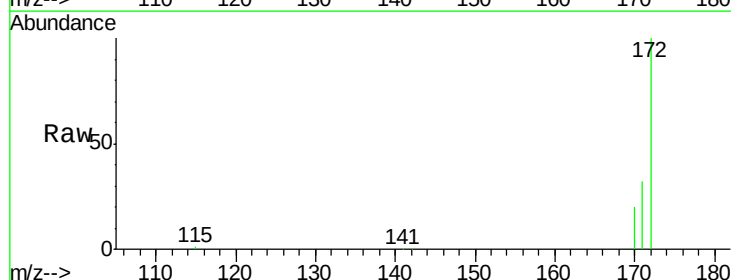
Instrument :
BNA_E
ClientSampleId :
MW-1-080416

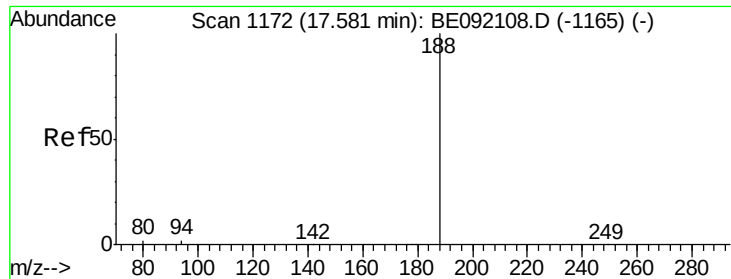
Tgt Ion:330 Resp: 8832
Ion Ratio Lower Upper
330 100
332 96.3 74.2 111.4
141 44.3 139.8 209.8#



#12
2-Fluorobiphenyl
Concen: 2.47 ng
RT: 13.46 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE092228.D
Acq: 8 Aug 2016 22:42

Tgt Ion:172 Resp: 23788
Ion Ratio Lower Upper
172 100
171 32.1 30.3 45.5
170 20.3 21.6 32.4#

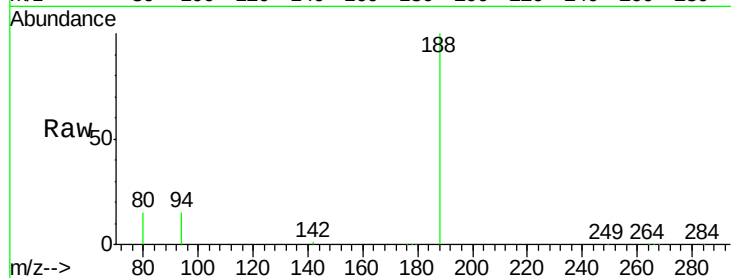




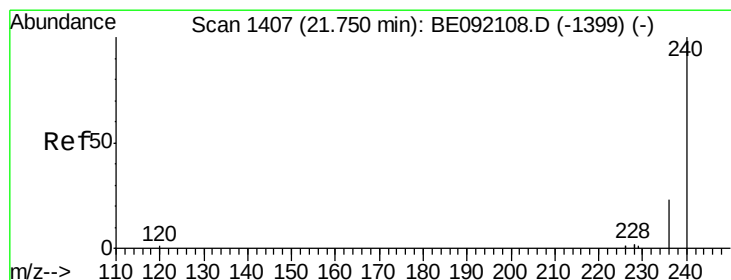
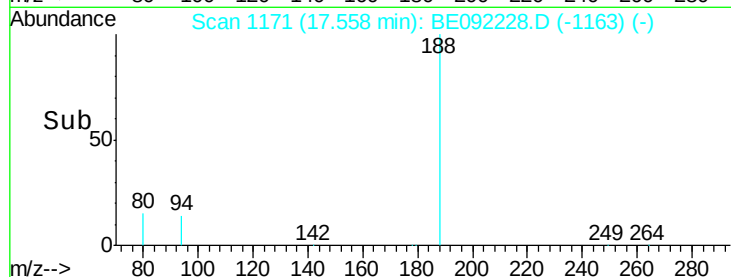
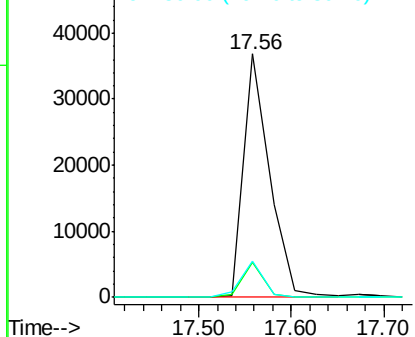
#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BE092228.D
Acq: 8 Aug 2016 22:42

Instrument :
BNA_E
ClientSampleId :
MW-1-080416

Tgt Ion:188 Resp: 73055
Ion Ratio Lower Upper
188 100
94 14.5 3.9 5.9#
80 14.8 3.4 5.0#

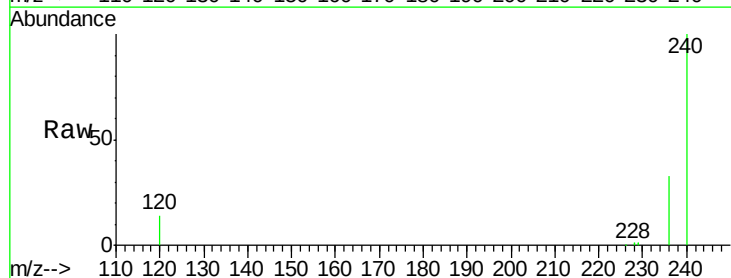


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

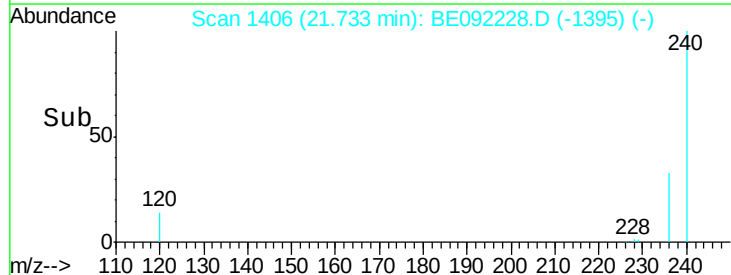
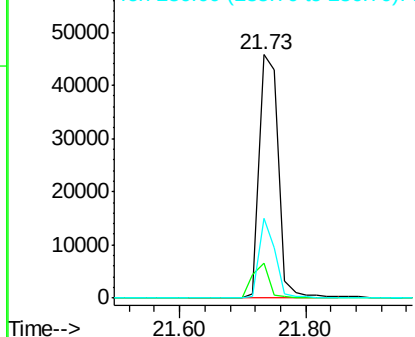


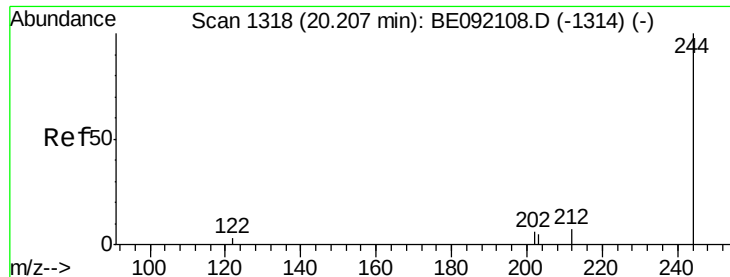
#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.73 min Scan# 1406
Delta R.T. -0.02 min
Lab File: BE092228.D
Acq: 8 Aug 2016 22:42

Tgt Ion:240 Resp: 96224
Ion Ratio Lower Upper
240 100
120 14.3 0.6 1.0#
236 32.7 18.2 27.4#



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

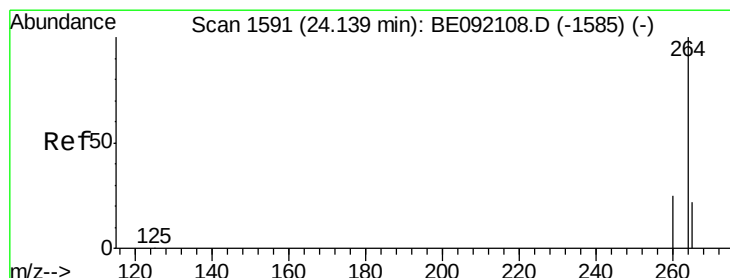
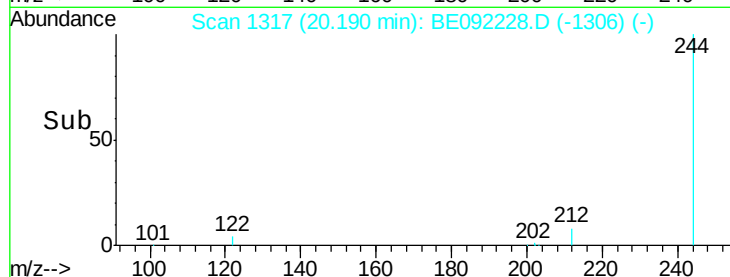
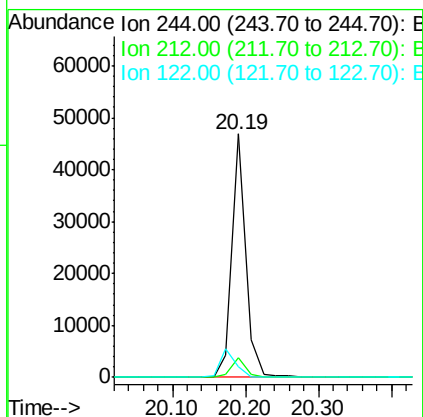
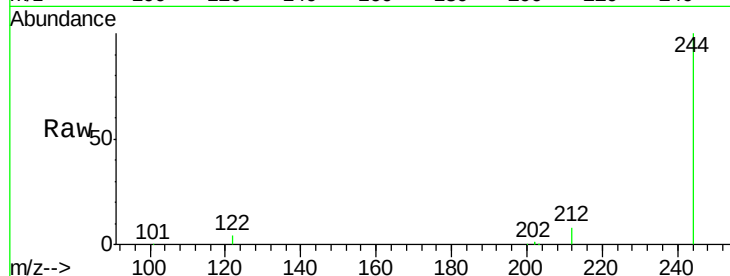




#24
 Terphenyl-d14
 Concen: 4.41 ng
 RT: 20.19 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BE092228.D
 Acq: 8 Aug 2016 22:42

Instrument :
 BNA_E
 ClientSampleId :
 MW-1-080416

Tgt Ion: 244 Resp: 60993
 Ion Ratio Lower Upper
 244 100
 212 8.2 9.1 13.7#
 122 4.5 11.0 16.4#



#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.14 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BE092228.D
 Acq: 8 Aug 2016 22:42

Tgt Ion: 264 Resp: 95535
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.8 31.2
 265 22.7 16.6 25.0

