

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080316\
 Data File : BE092151.D
 Acq On : 3 Aug 2016 18:53
 Operator : UM/SJ
 Sample : PB92482BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB92482BL

Quant Time: Aug 04 05:41:43 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-PAH-BE080216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 16:59:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	10710	5.00	ng	0.00
6) Naphthalene-d8	10.99	136	49370	5.00	ng	0.00
10) Acenaphthene-d10	14.85	164	28301	5.00	ng	0.00
16) Phenanthrene-d10	17.58	188	64062	5.00	ng	0.00
22) Chrysene-d12	21.75	240	77859	5.00	ng	0.00
28) Perylene-d12	24.14	264	78014	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	15591	5.67	ng	0.00
5) Phenol-d6	7.34	99	20709	5.65	ng	-0.01
7) Nitrobenzene-d5	9.35	82	11439	2.94	ng	0.00
11) 2,4,6-Tribromophenol	16.33	330	4831	5.26	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	28674	3.20	ng	0.00
24) Terphenyl-d14	20.19	244	40971	3.66	ng	-0.02

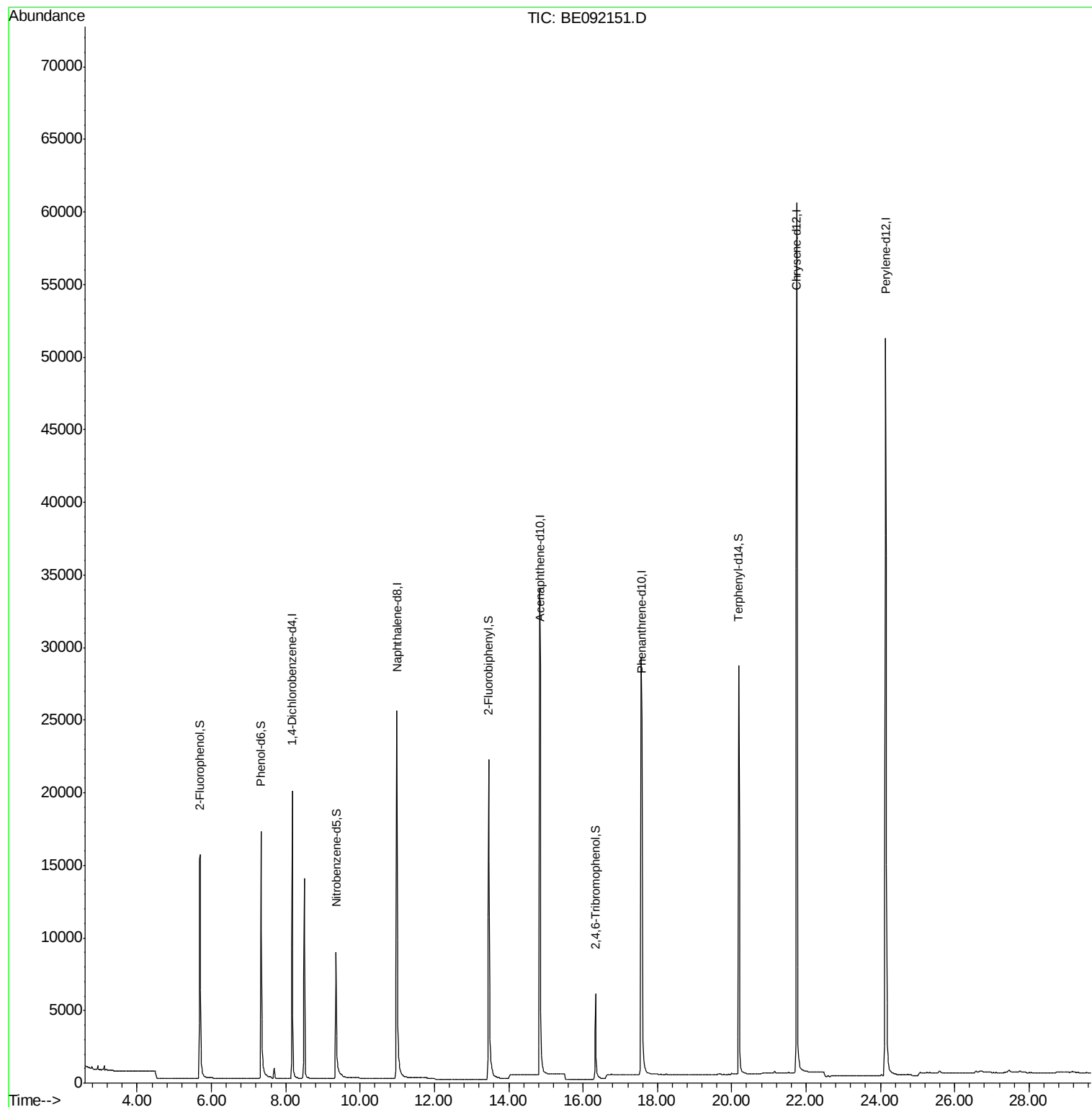
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE092151.D

Acq: 3 Aug 2016 18:53

Instrument :

BNA_E

ClientSampleId :

PB92482BL

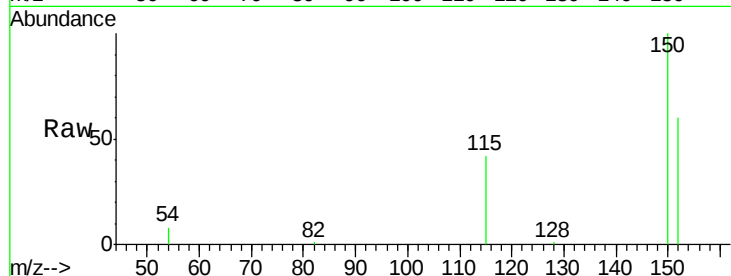
Tgt Ion:152 Resp: 10710

Ion Ratio Lower Upper

152 100

150 167.0 106.0 159.0#

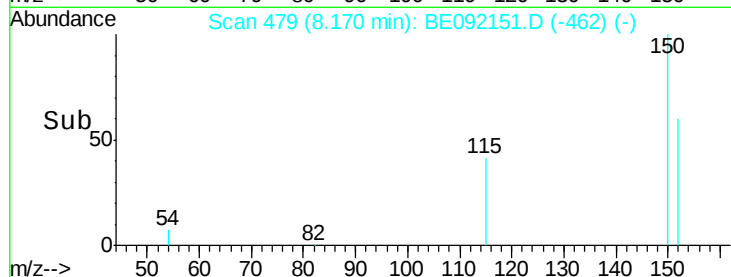
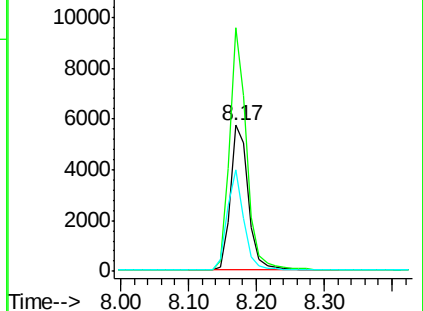
115 69.3 36.9 55.3#



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: 5.67 ng

RT: 5.70 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE092151.D

Acq: 3 Aug 2016 18:53

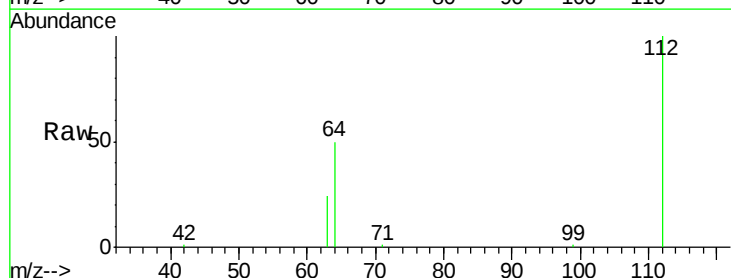
Tgt Ion:112 Resp: 15591

Ion Ratio Lower Upper

112 100

64 66.9 55.9 83.9

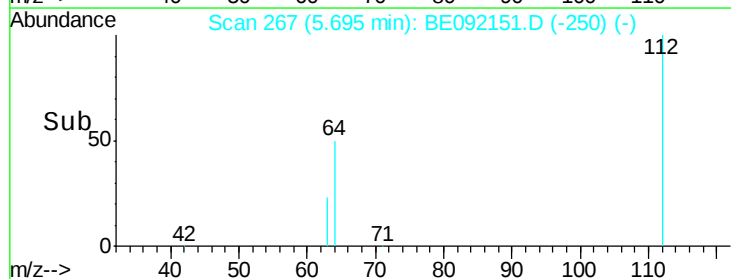
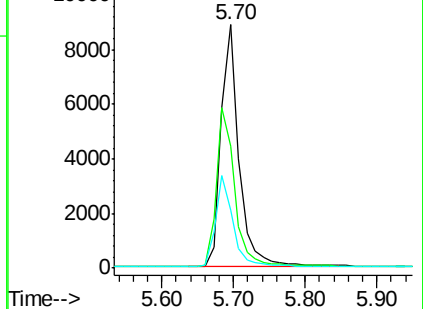
63 36.5 31.1 46.7



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: 5.65 ng

RT: 7.34 min Scan# 409

Delta R.T. -0.01 min

Lab File: BE092151.D

Acq: 3 Aug 2016 18:53

Instrument :

BNA_E

ClientSampleId :

PB92482BL

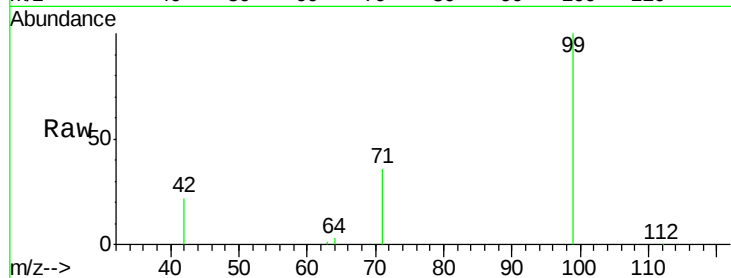
Tgt Ion: 99 Resp: 20709

Ion Ratio Lower Upper

99 100

42 25.6 22.4 33.6

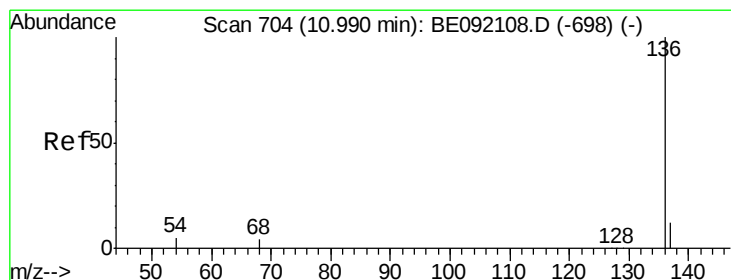
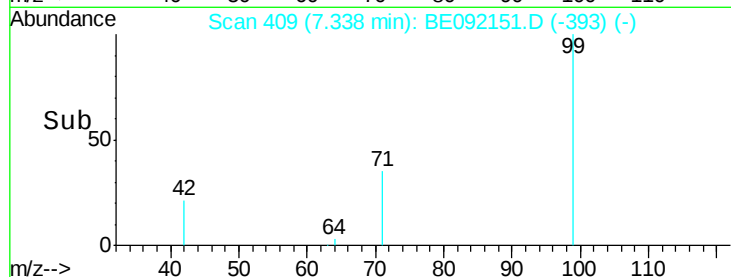
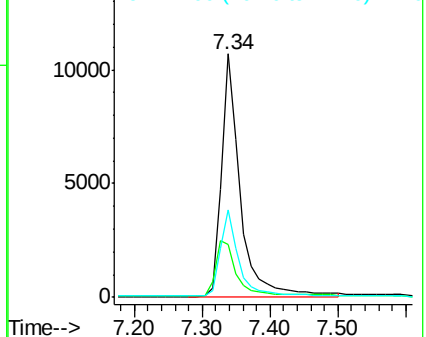
71 35.4 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 704

Delta R.T. -0.00 min

Lab File: BE092151.D

Acq: 3 Aug 2016 18:53

Tgt Ion: 136 Resp: 49370

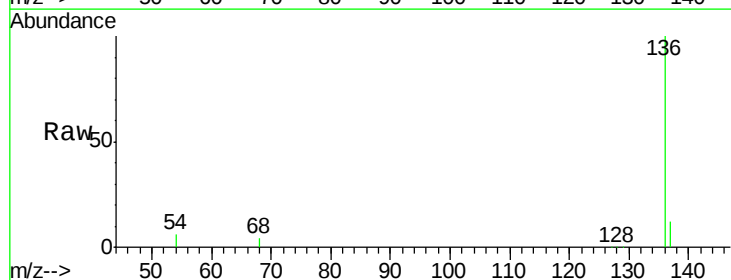
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 5.7 2.7 4.1#

68 4.3 2.2 3.4#

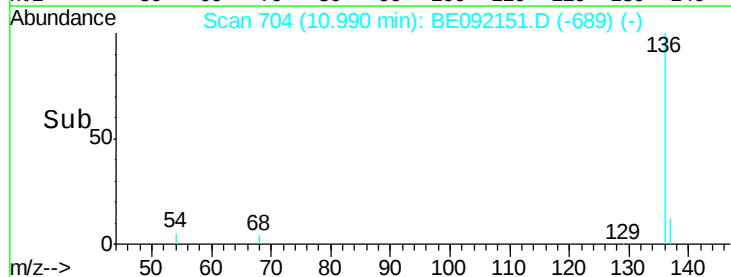
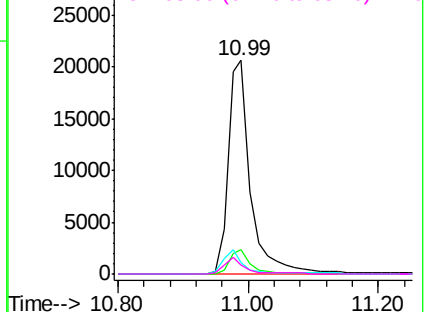


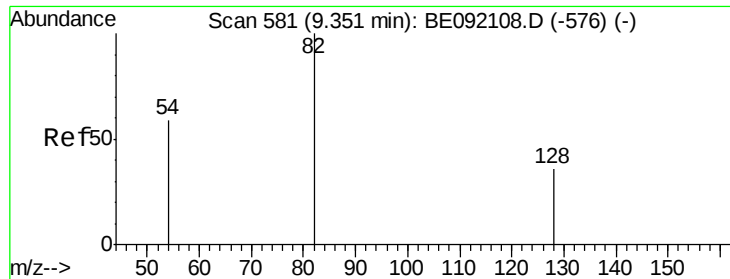
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 2.94 ng

RT: 9.35 min Scan# 581

Delta R.T. -0.00 min

Lab File: BE092151.D

Acq: 3 Aug 2016 18:53

Instrument :

BNA_E

ClientSampleId :

PB92482BL

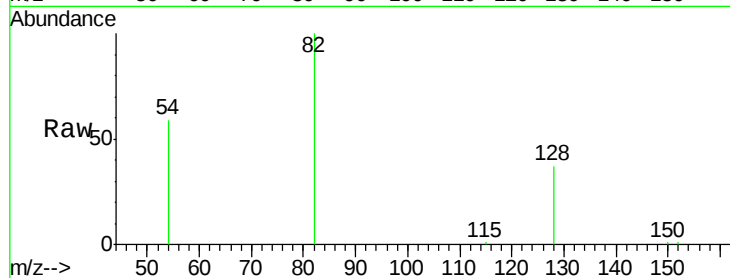
Tgt Ion: 82 Resp: 11439

Ion Ratio Lower Upper

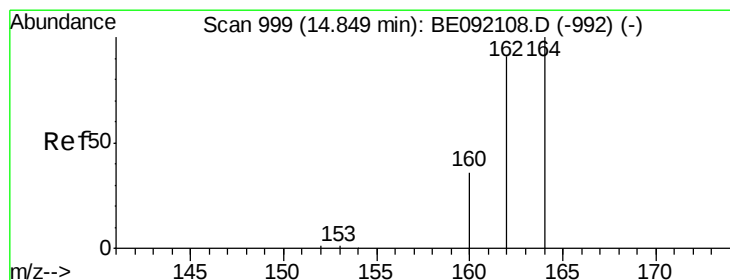
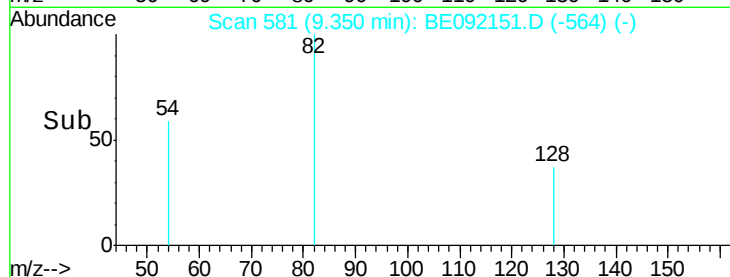
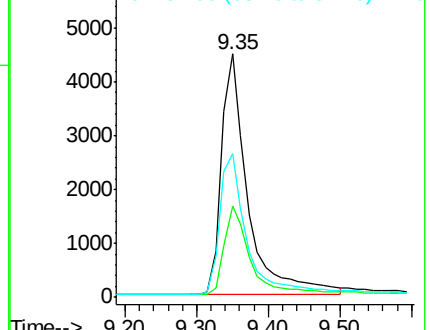
82 100

128 37.3 33.0 49.4

54 59.2 42.6 63.8



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.85 min Scan# 999

Delta R.T. 0.00 min

Lab File: BE092151.D

Acq: 3 Aug 2016 18:53

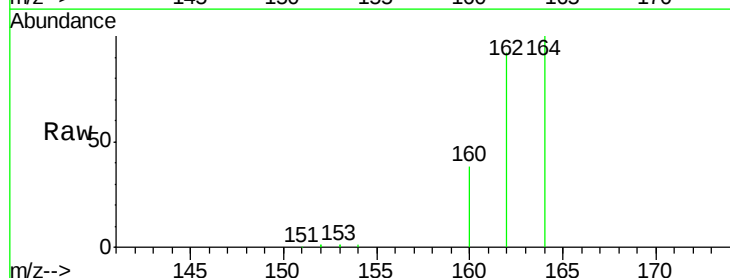
Tgt Ion: 164 Resp: 28301

Ion Ratio Lower Upper

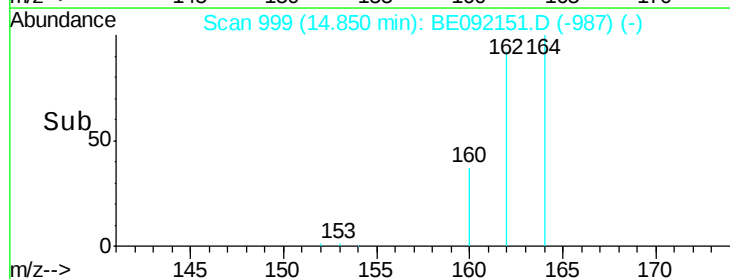
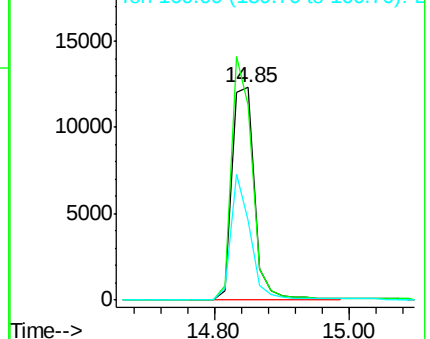
164 100

162 91.8 69.5 104.3

160 37.5 27.6 41.4



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

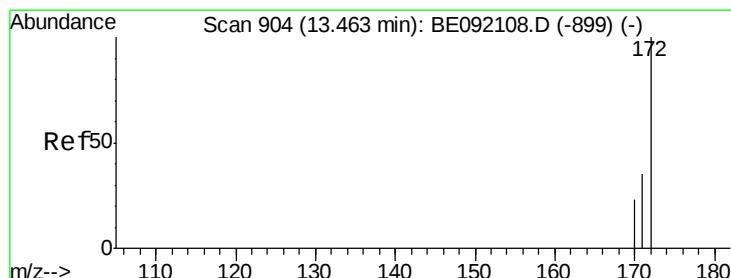
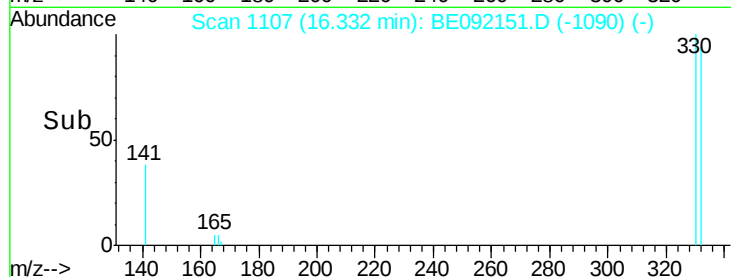
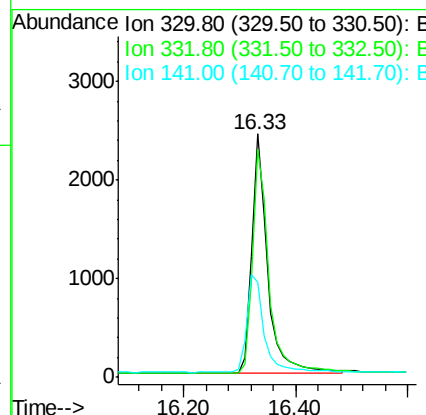
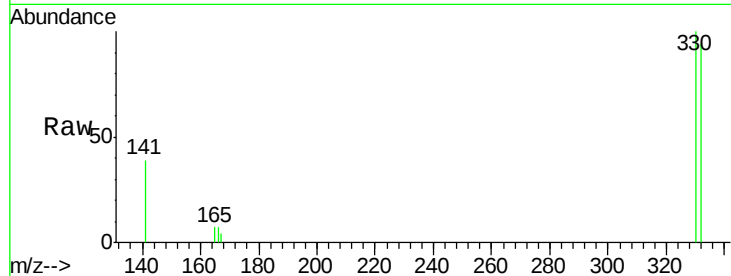




#11
2,4,6-Tribromophenol
Concen: 5.26 ng
RT: 16.33 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BE092151.D
Acq: 3 Aug 2016 18:53

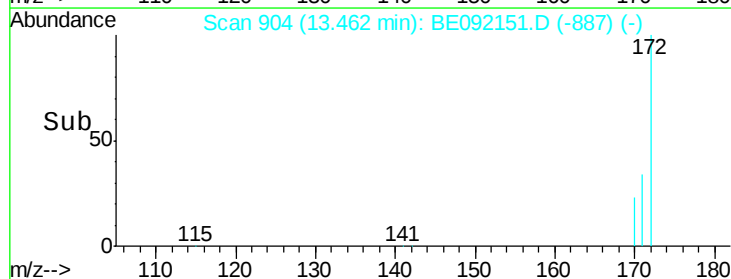
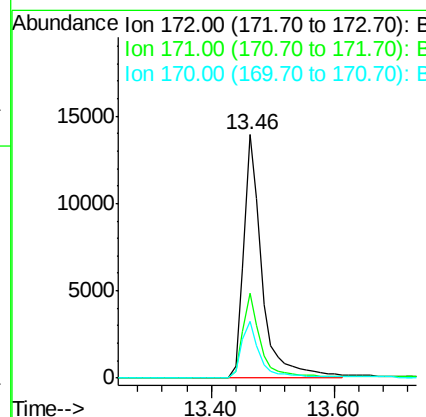
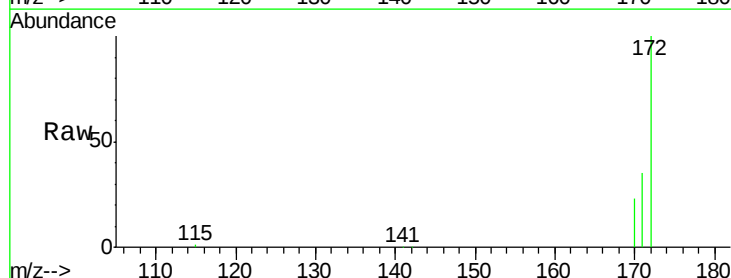
Instrument :
BNA_E
ClientSampleId :
PB92482BL

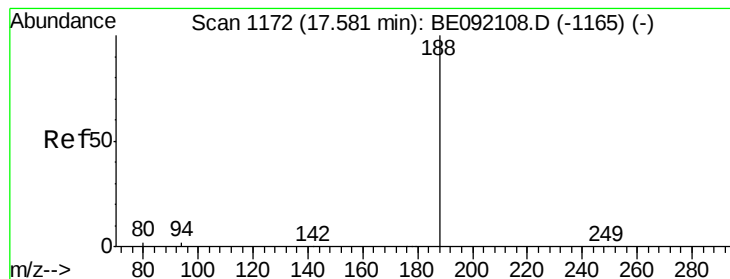
Tgt Ion: 330 Resp: 4831
Ion Ratio Lower Upper
330 100
332 97.0 74.2 111.4
141 44.8 139.8 209.8#



#12
2-Fluorobiphenyl
Concen: 3.20 ng
RT: 13.46 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE092151.D
Acq: 3 Aug 2016 18:53

Tgt Ion: 172 Resp: 28674
Ion Ratio Lower Upper
172 100
171 34.6 30.3 45.5
170 23.5 21.6 32.4





#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BE092151.D

Acq: 3 Aug 2016 18:53

Instrument :

BNA_E

ClientSampleId :

PB92482BL

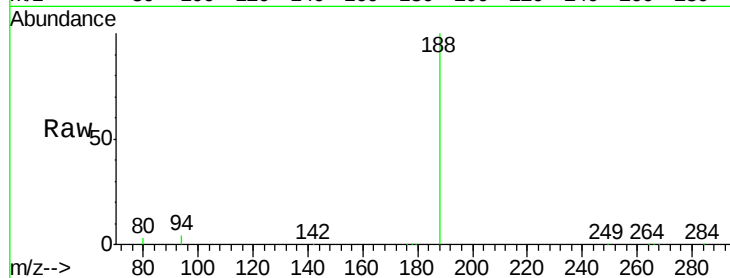
Tgt Ion:188 Resp: 64062

Ion Ratio Lower Upper

188 100

94 3.6 3.9 5.9#

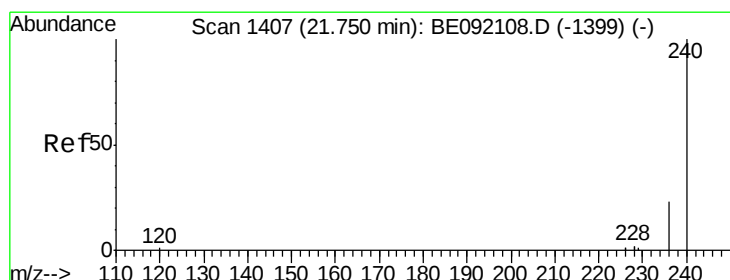
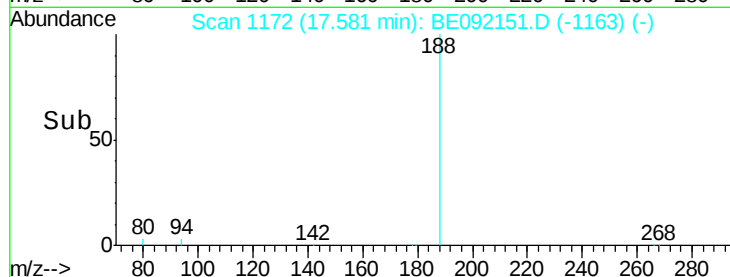
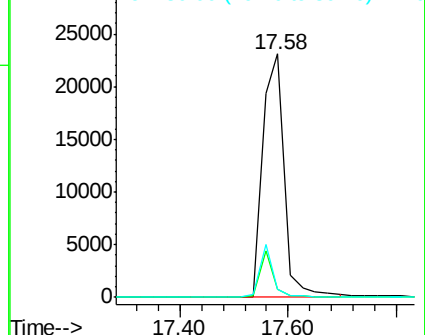
80 3.2 3.4 5.0#



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: 21.75 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BE092151.D

Acq: 3 Aug 2016 18:53

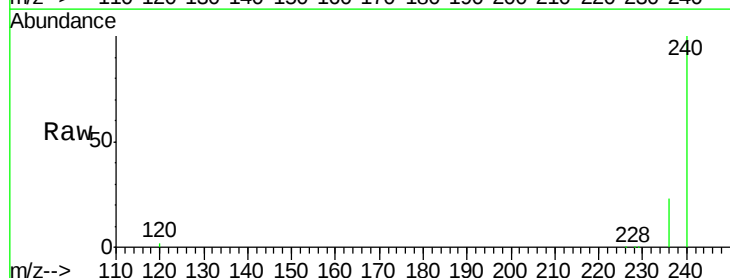
Tgt Ion:240 Resp: 77859

Ion Ratio Lower Upper

240 100

120 2.0 0.6 1.0#

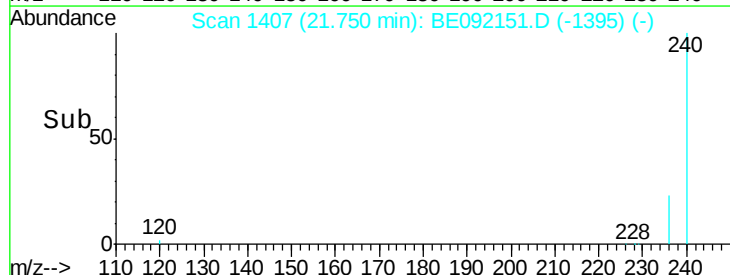
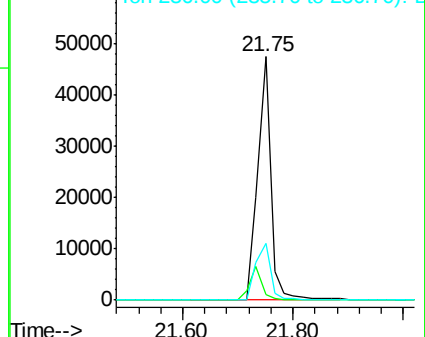
236 23.4 18.2 27.4

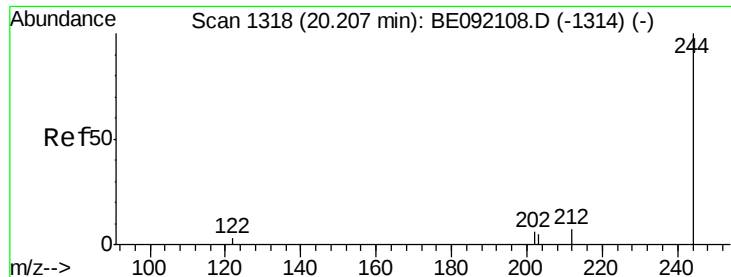


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#24

Terphenyl-d14

Concen: 3.66 ng

RT: 20.19 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BE092151.D

Acq: 3 Aug 2016 18:53

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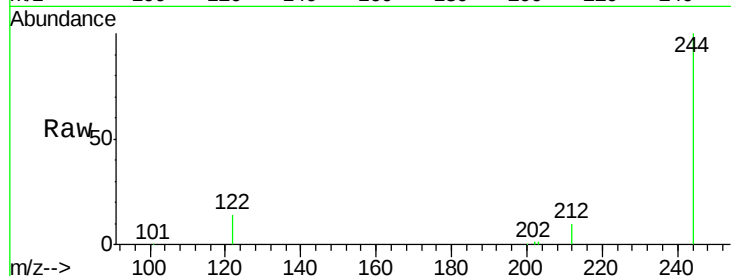
Tgt Ion:244 Resp: 40971

Ion Ratio Lower Upper

244 100

212 9.8 9.1 13.7

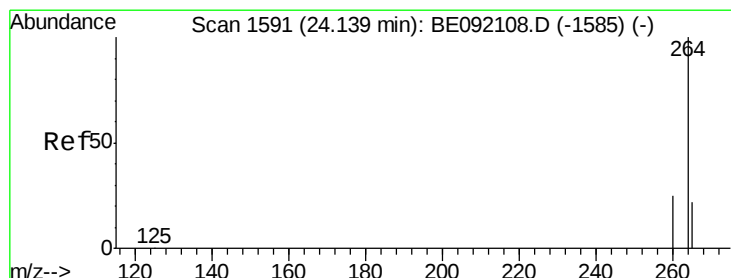
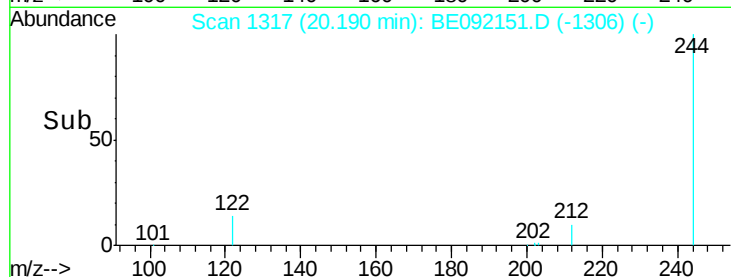
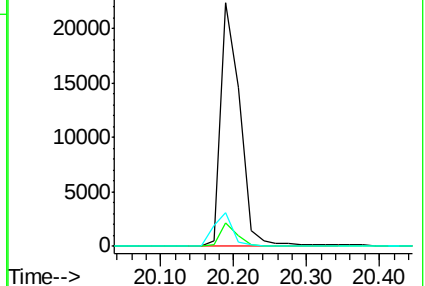
122 14.1 11.0 16.4



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



#28

Perylene-d12

Concen: 5.00 ng

RT: 24.14 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BE092151.D

Acq: 3 Aug 2016 18:53

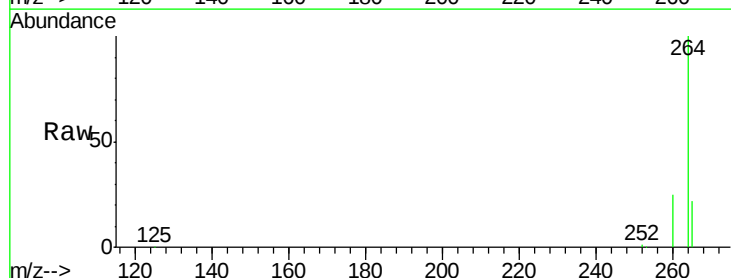
Tgt Ion:264 Resp: 78014

Ion Ratio Lower Upper

264 100

260 25.1 20.8 31.2

265 22.3 16.6 25.0



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

