

Data Path : Z:\HPCHEM1\BNA E\DATA\BE062416\
 Data File : BE091950.D
 Acq On : 24 Jun 2016 17:20
 Operator : UM/SJ
 Sample : PB91612BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB91612BL

Quant Time: Jun 24 19:18:45 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE061416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 15 12:00:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	30943	5.00	ng	0.02
8) Naphthalene-d8	11.02	136	147076	5.00	ng	0.03
15) Acenaphthene-d10	14.86	164	100834	5.00	ng	0.00
24) Phenanthrene-d10	17.61	188	190831	5.00	ng	0.00
31) Chrysene-d12	21.76	240	277488	5.00	ng	0.00
40) Perylene-d12	24.17	264	206526	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	50569	8.36	ng	0.00
5) Phenol-d6	7.37	99	74484	7.51	ng	0.02
9) Nitrobenzene-d5	9.37	82	42307	4.17	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	21878	8.33	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	99865	3.90	ng	0.00
34) Terphenyl-d14	20.22	244	134512	3.96	ng	0.00

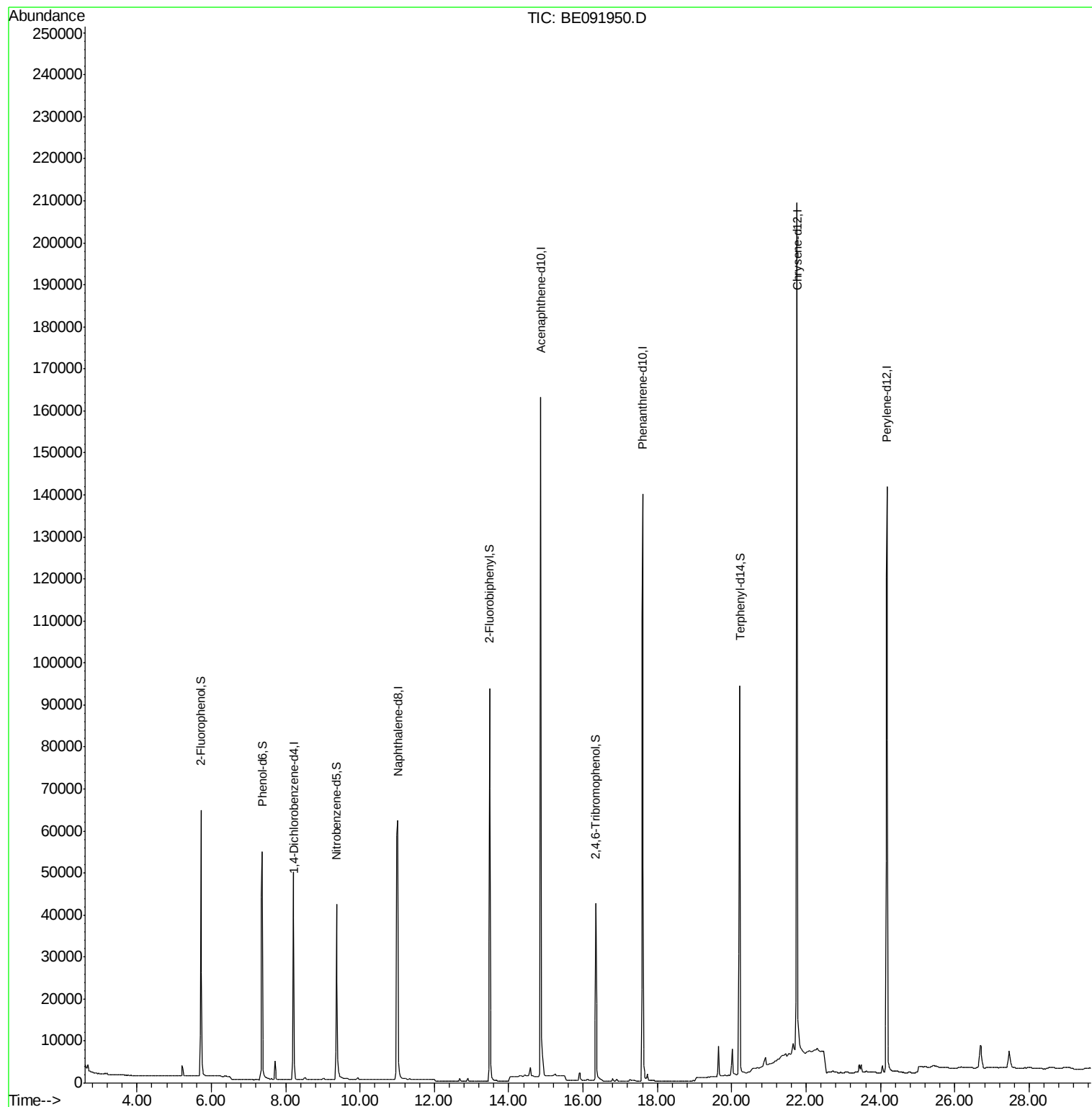
Target Compounds	Qvalue
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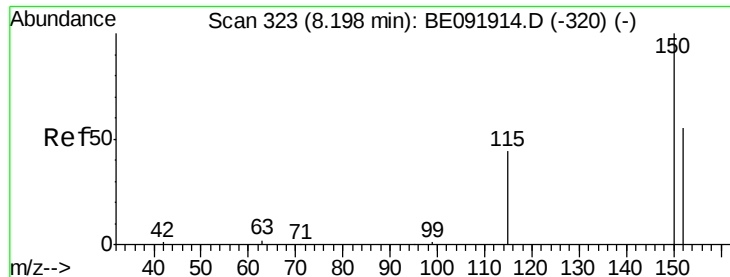
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 15 12:00:38 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.22 min Scan# 324

Delta R.T. 0.02 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Instrument :

BNA_E

ClientSampleId :

PB91612BL

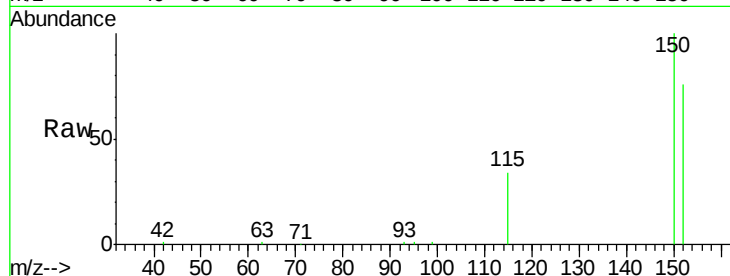
Tot Ion:152 Resp: 30943

Ion Ratio Lower Upper

152 100

150 131.1 123.9 185.9

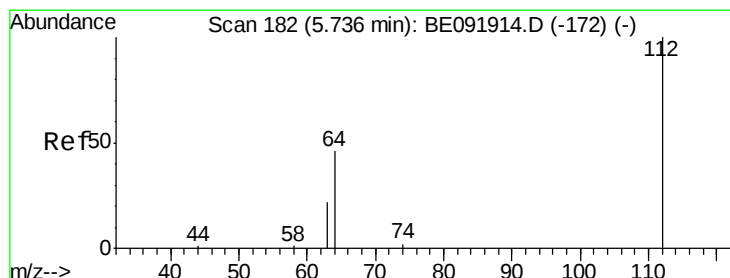
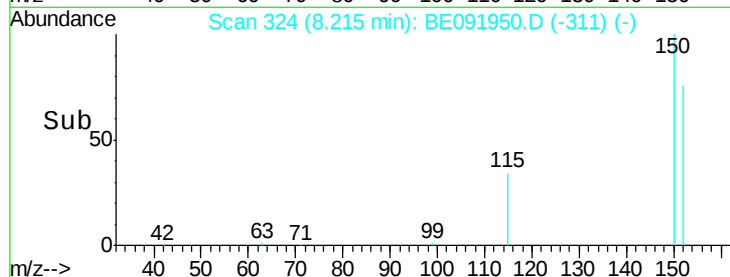
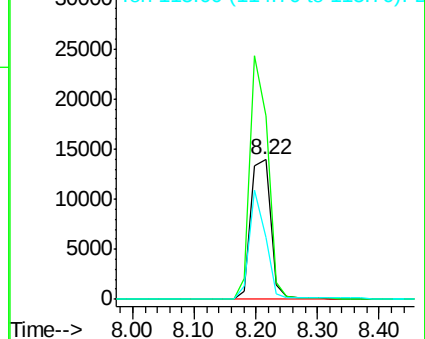
115 44.5 48.3 72.5#



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: 8.36 ng

RT: 5.72 min Scan# 181

Delta R.T. -0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

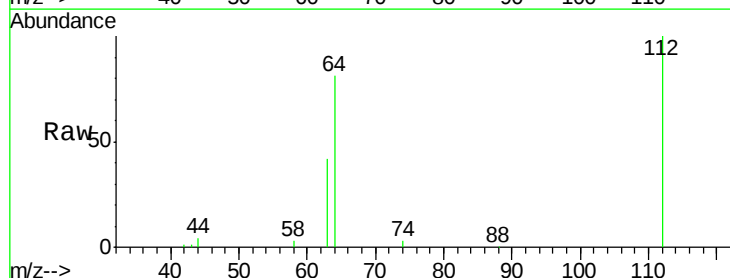
Tgt Ion:112 Resp: 50569

Ion Ratio Lower Upper

112 100

64 69.1 53.7 80.5

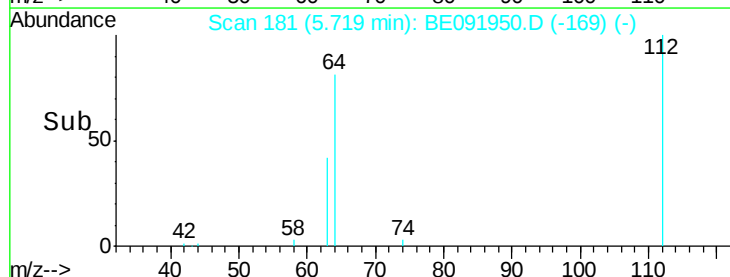
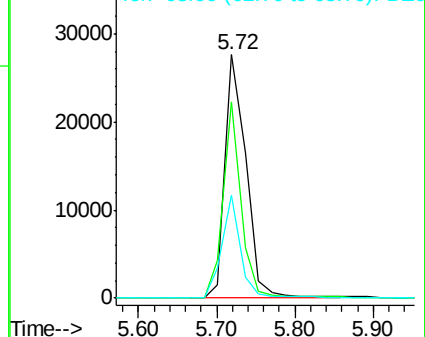
63 36.6 29.5 44.3

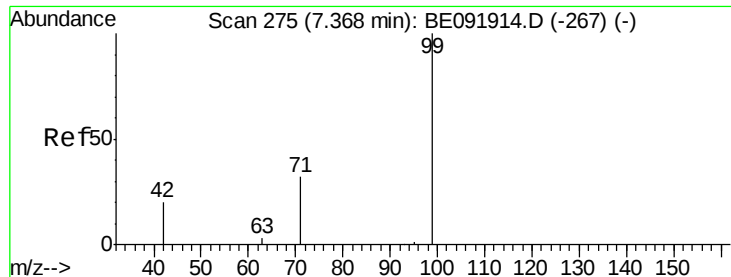


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.51 ng

RT: 7.37 min Scan# 275

Delta R.T. 0.02 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Instrument :

BNA_E

ClientSampleId :

PB91612BL

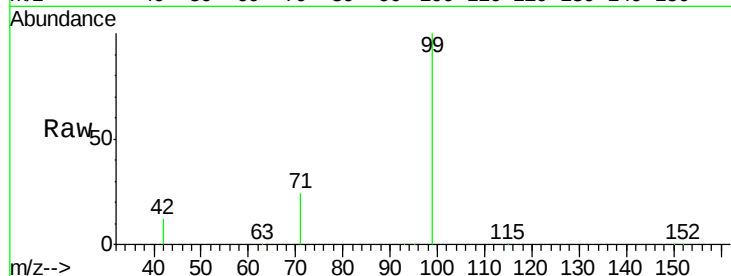
Tot Ion: 99 Resp: 74484

Ion Ratio Lower Upper

99 100

42 25.0 19.6 29.4

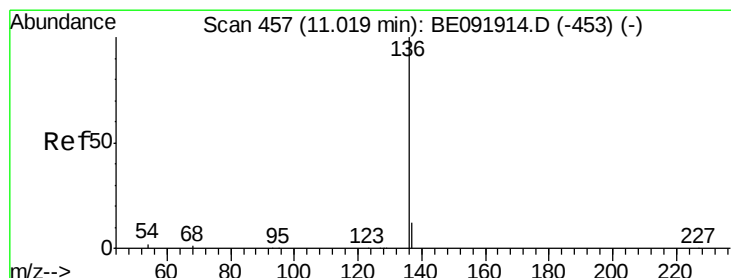
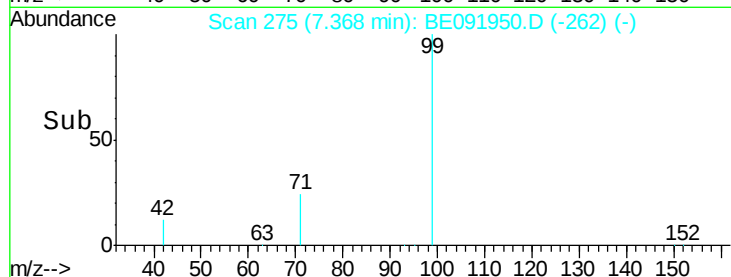
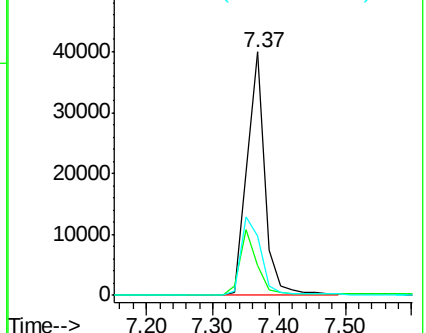
71 35.6 28.1 42.1



Abundance Ion 99.00 (98.70 to 99.70): BE091914.D (-267) (-)

Ion 42.00 (41.70 to 42.70): BE091914.D (-267) (-)

Ion 71.00 (70.70 to 71.70): BE091914.D (-267) (-)



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 11.02 min Scan# 457

Delta R.T. 0.03 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Tgt Ion: 136 Resp: 147076

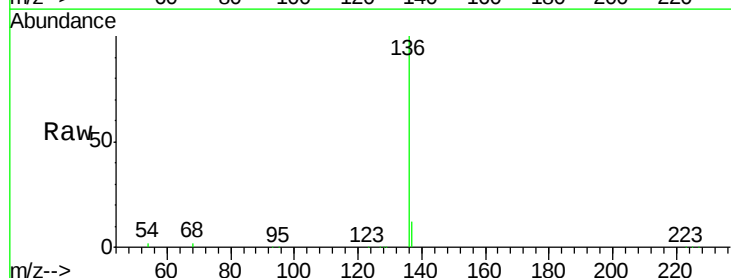
Ion Ratio Lower Upper

136 100

137 12.2 8.3 12.5

54 1.8 8.2 12.4#

68 1.5 5.9 8.9#

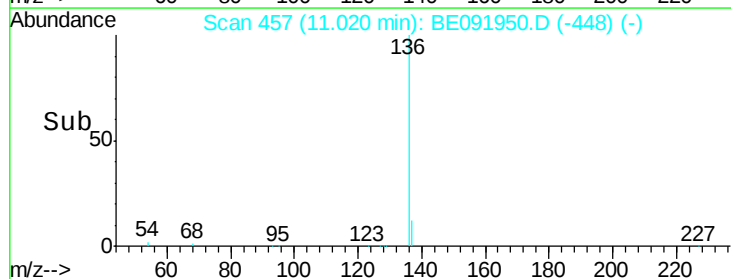
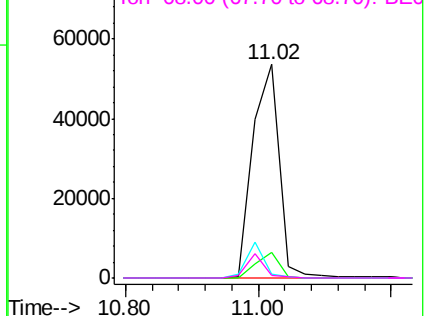


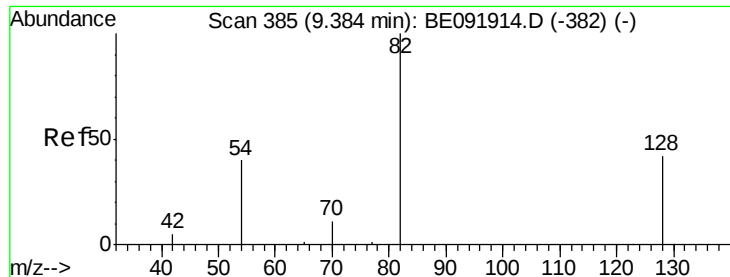
Abundance Ion 136.00 (135.70 to 136.70): BE091914.D (-453) (-)

Ion 137.00 (136.70 to 137.70): BE091914.D (-453) (-)

Ion 54.00 (53.70 to 54.70): BE091914.D (-453) (-)

Ion 68.00 (67.70 to 68.70): BE091914.D (-453) (-)





#9

Nitrobenzene-d5

Concen: 4.17 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Instrument :

BNA_E

ClientSampleId :

PB91612BL

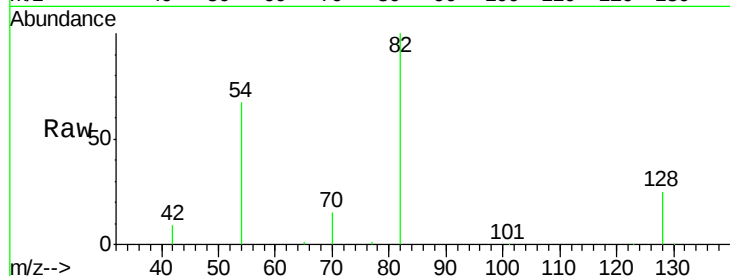
Tot Ion: 82 Resp: 42307

Ion Ratio Lower Upper

82 100

128 24.9 39.5 59.3#

54 67.4 30.3 45.5#

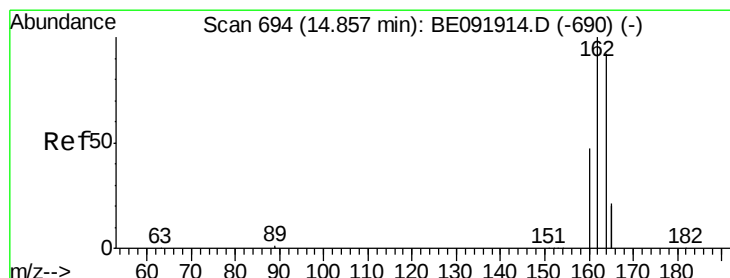
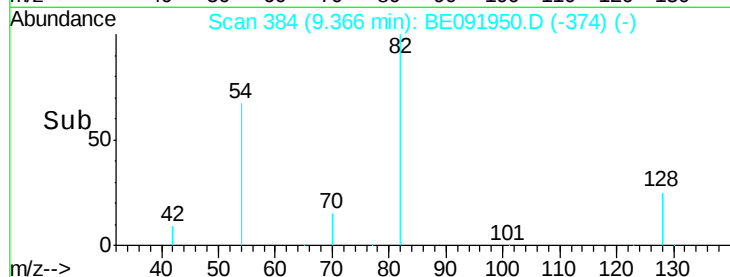


Abundance Ion 82.00 (81.70 to 82.70): BE091914.D (-382) (-)

Ion 128.00 (127.70 to 128.70): BE091914.D (-382) (-)

Ion 54.00 (53.70 to 54.70): BE091914.D (-382) (-)

Time-->



#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

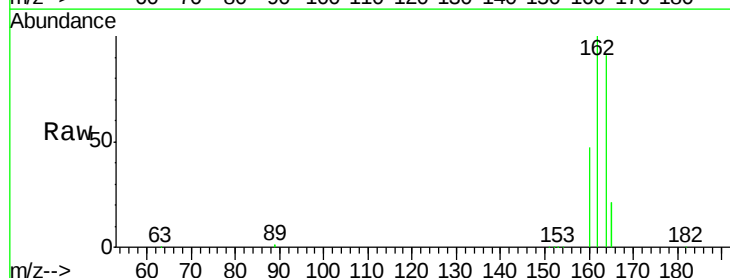
Tgt Ion:164 Resp: 100834

Ion Ratio Lower Upper

164 100

162 109.9 71.8 107.8#

160 51.2 28.0 42.0#

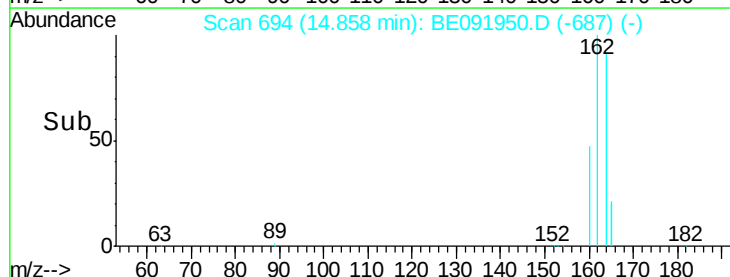


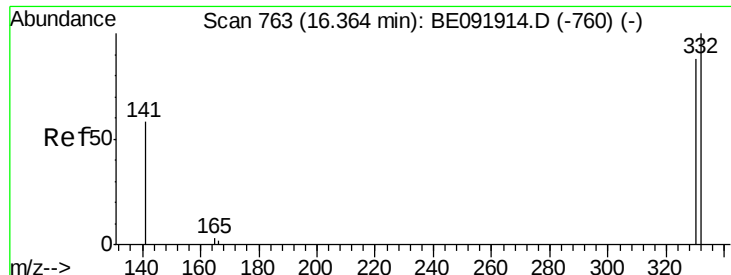
Abundance Ion 164.00 (163.70 to 164.70): BE091914.D (-690) (-)

Ion 162.00 (161.70 to 162.70): BE091914.D (-690) (-)

Ion 160.00 (159.70 to 160.70): BE091914.D (-690) (-)

Time-->

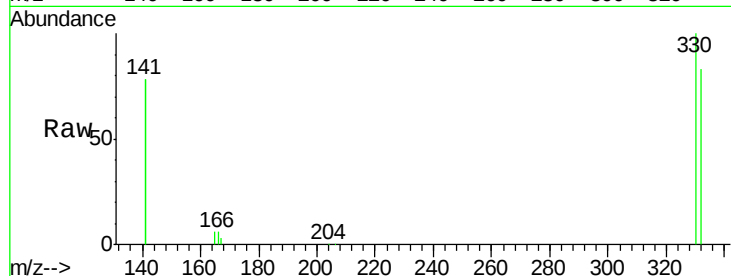




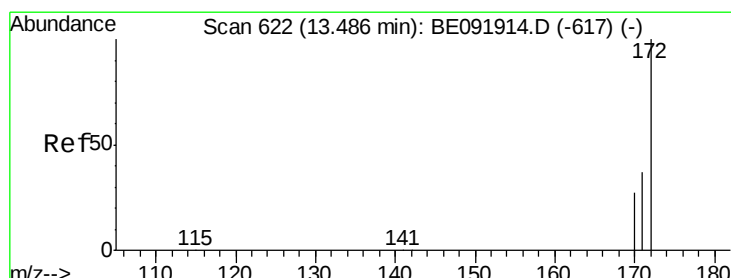
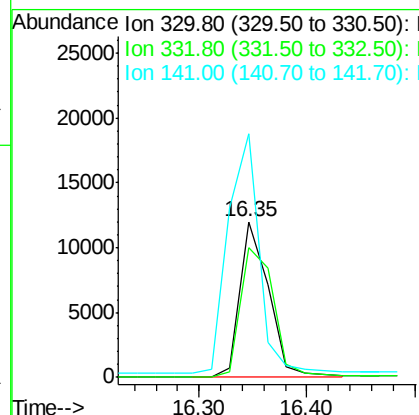
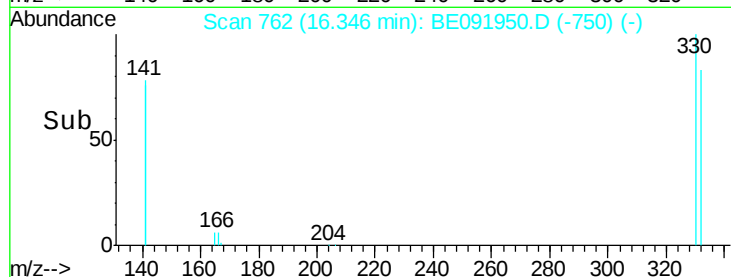
#16
 2,4,6-Tribromophenol
 Concen: 8.33 ng
 RT: 16.35 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE091950.D
 Acq: 24 Jun 2016 17:20

Instrument :
 BNA_E
 ClientSampleId :
 PB91612BL

Tot Ion:330 Resp: 21878
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 166.6 138.4 207.6

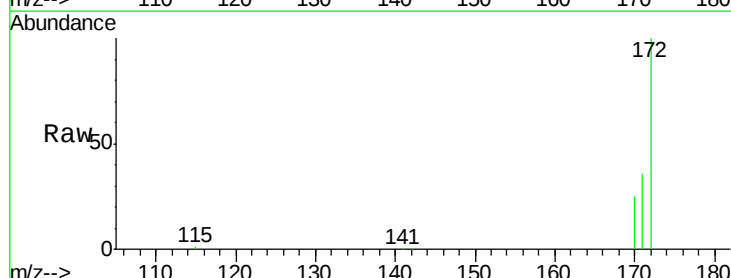


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

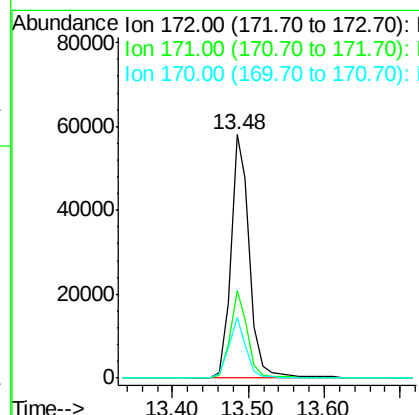
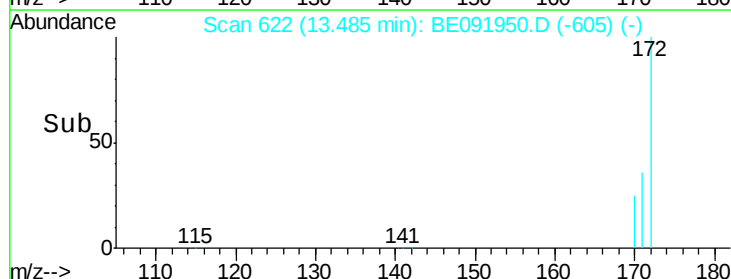


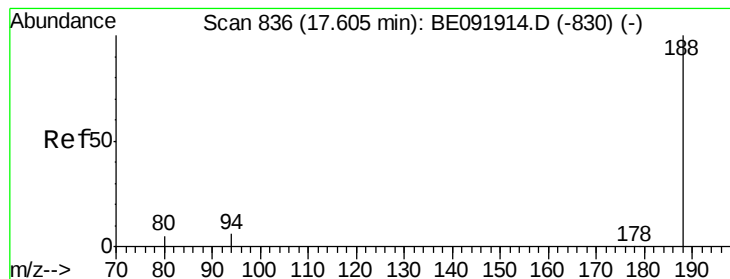
#17
 2-Fluorobiphenyl
 Concen: 3.90 ng
 RT: 13.48 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BE091950.D
 Acq: 24 Jun 2016 17:20

Tgt Ion:172 Resp: 99865
 Ion Ratio Lower Upper
 172 100
 171 36.1 24.3 36.5
 170 24.9 14.9 22.3#



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.61 min Scan# 836

Delta R.T. -0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Instrument :

BNA_E

ClientSampleId :

PB91612BL

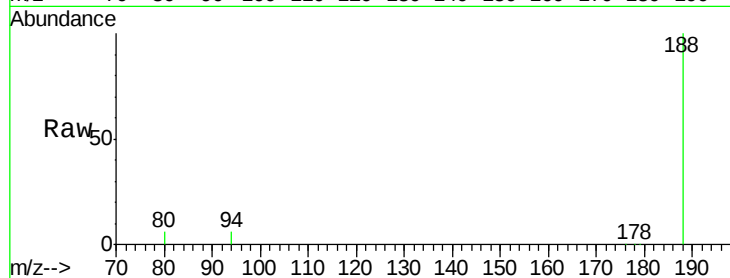
Tot Ion:188 Resp: 190831

Ion Ratio Lower Upper

188 100

94 6.4 4.1 6.1#

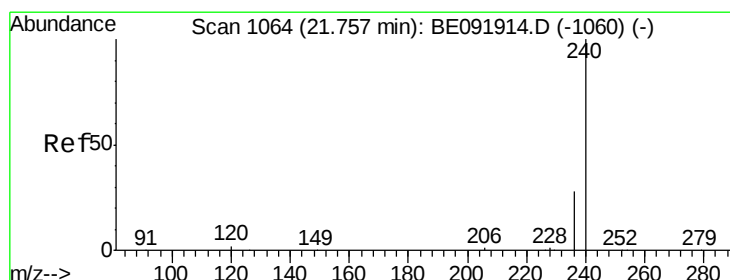
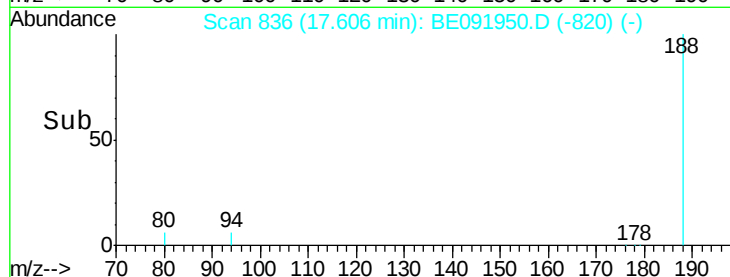
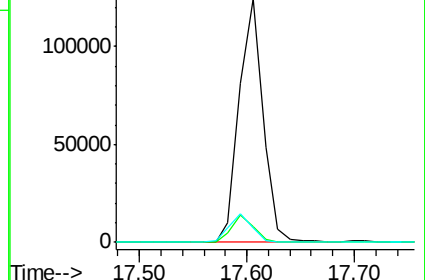
80 5.9 3.4 5.2#



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



#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

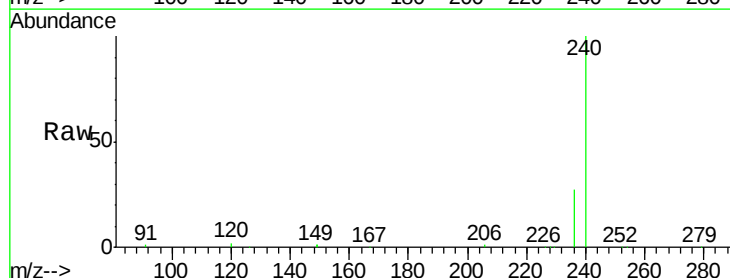
Tgt Ion:240 Resp: 277488

Ion Ratio Lower Upper

240 100

120 1.6 1.2 1.8

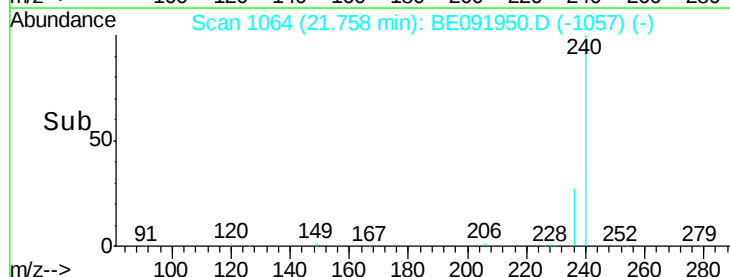
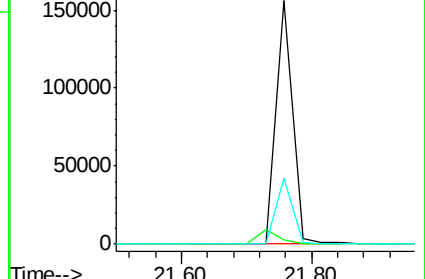
236 27.2 19.8 29.8

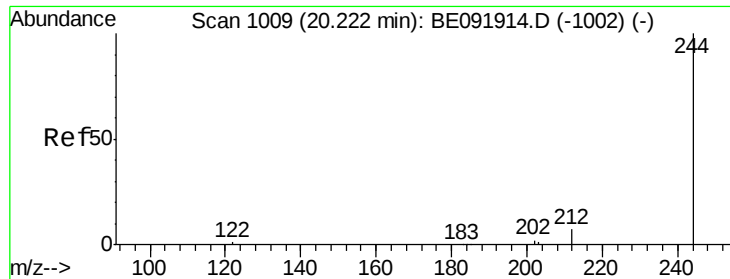


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#34

Terphenyl-d14

Concen: 3.96 ng

RT: 20.22 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

Instrument :

BNA_E

ClientSampleId :

PB91612BL

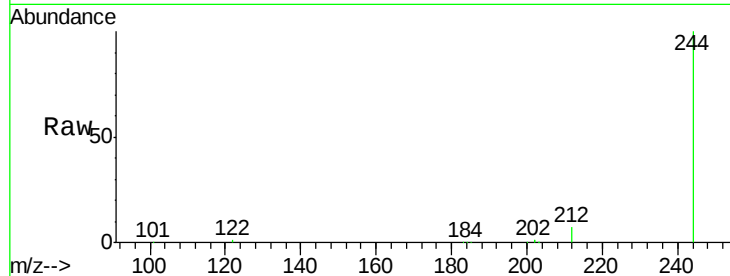
Tot Ion:244 Resp: 134512

Ion Ratio Lower Upper

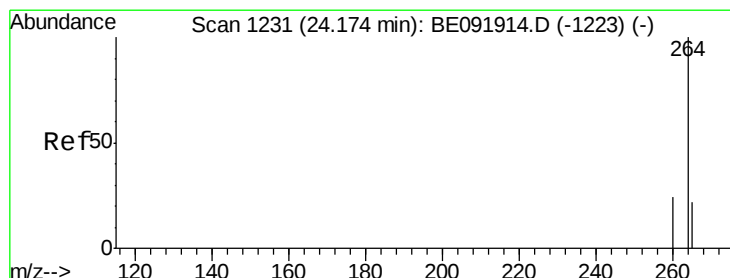
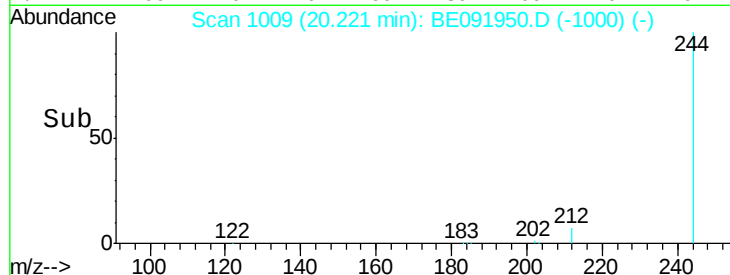
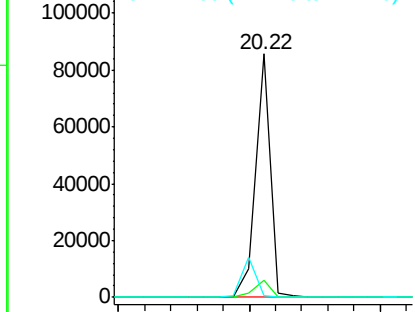
244 100

212 7.0 6.5 9.7

122 0.5 2.9 4.3#



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



#40

Perylene-d12

Concen: 5.00 ng

RT: 24.17 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BE091950.D

Acq: 24 Jun 2016 17:20

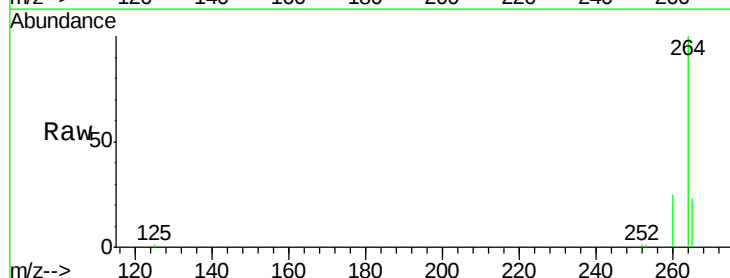
Tgt Ion:264 Resp: 206526

Ion Ratio Lower Upper

264 100

260 24.9 20.3 30.5

265 22.6 17.6 26.4



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

