

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110916\
 Data File : BE092522.D
 Acq On : 9 Nov 2016 13:09
 Operator : UM/SJ
 Sample : PB94547BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB94547BL

Quant Time: Nov 09 14:38:27 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE110816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 16:27:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	8538	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	37406	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	23229	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	48424	5.00	ng	0.00
24) Chrysene-d12	21.72	240	56385	5.00	ng	0.00
31) Perylene-d12	24.08	264	53128	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	15935	8.46	ng	0.00
5) Phenol-d6	7.31	99	19800	7.88	ng	-0.02
8) Nitrobenzene-d5	9.34	82	8796	3.58	ng	0.00
13) 2,4,6-Tribromophenol	16.30	330	3932	4.83	ng	0.00
14) 2-Fluorobiphenyl	13.42	172	21219	3.69	ng	-0.01
26) Terphenyl-d14	20.16	244	28165	4.11	ng	-0.02

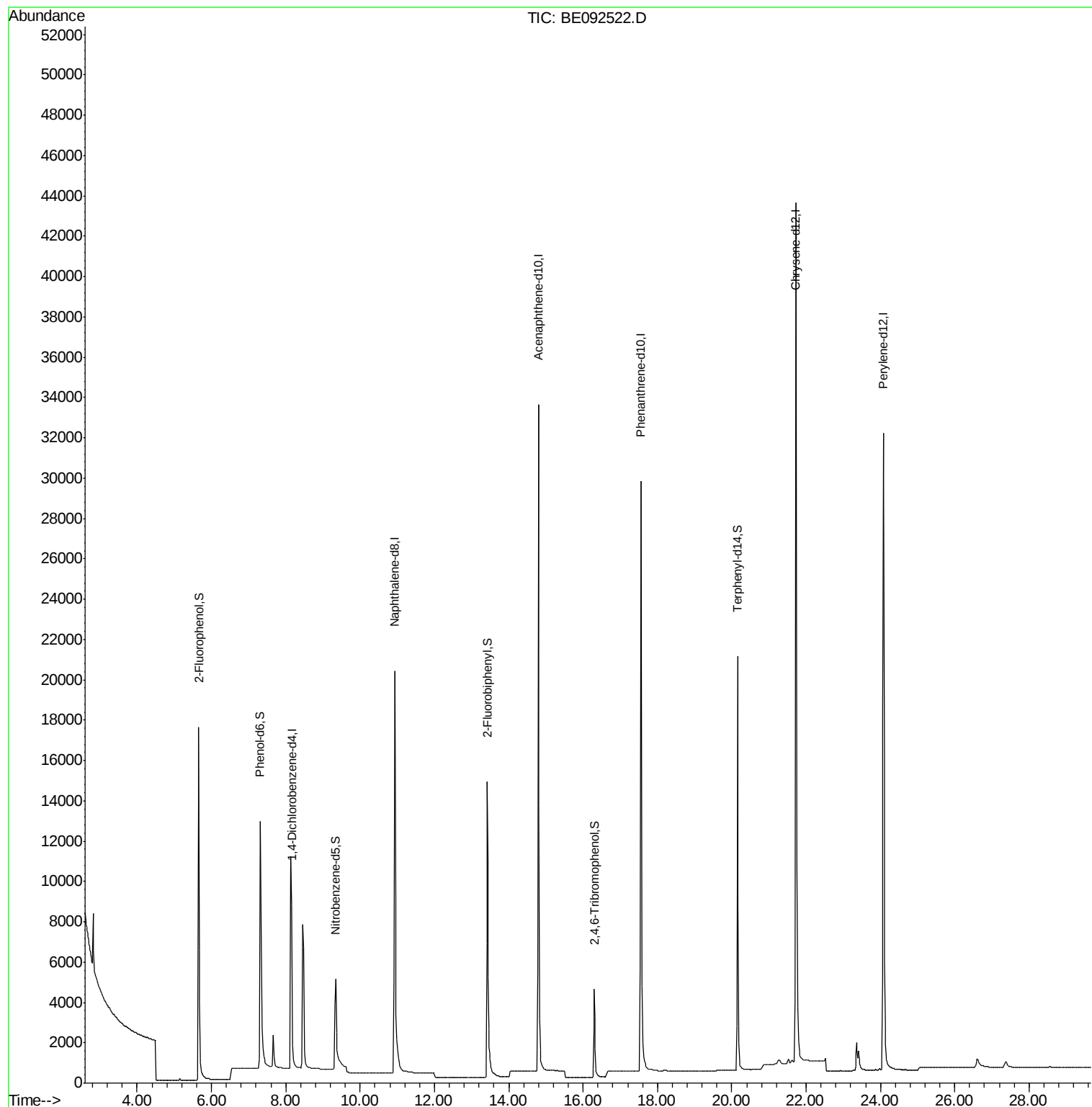
Target Compounds	Qvalue
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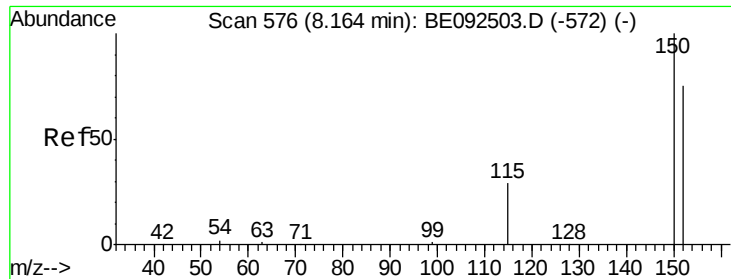
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 08 16:27:22 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE092522.D

Acq: 9 Nov 2016 13:09

Instrument :

BNA_E

ClientSampleId :

PB94547BL

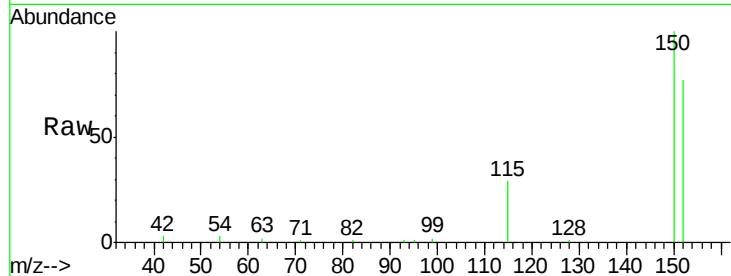
Tot Ion:152 Resp: 8538

Ion Ratio Lower Upper

152 100

150 130.4 106.0 159.0

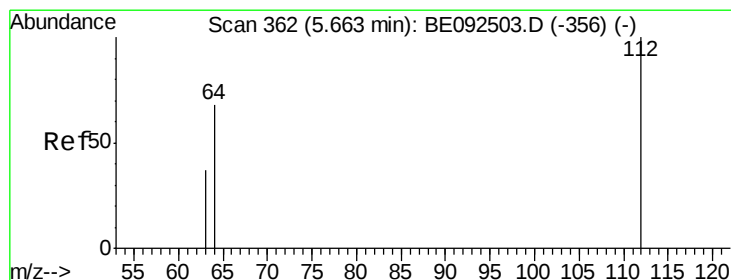
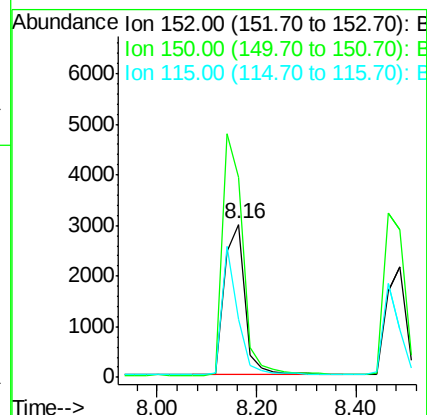
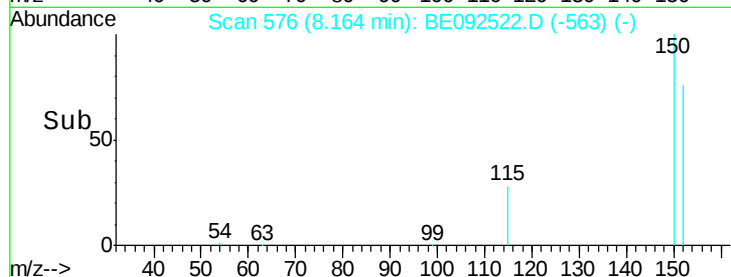
115 38.3 31.2 46.8



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: 8.46 ng

RT: 5.65 min Scan# 360

Delta R.T. -0.01 min

Lab File: BE092522.D

Acq: 9 Nov 2016 13:09

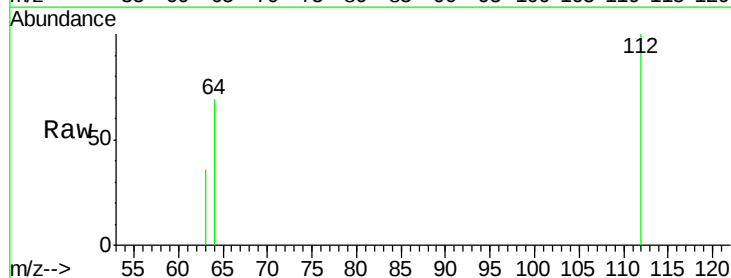
Tgt Ion:112 Resp: 15935

Ion Ratio Lower Upper

112 100

64 67.3 53.5 80.3

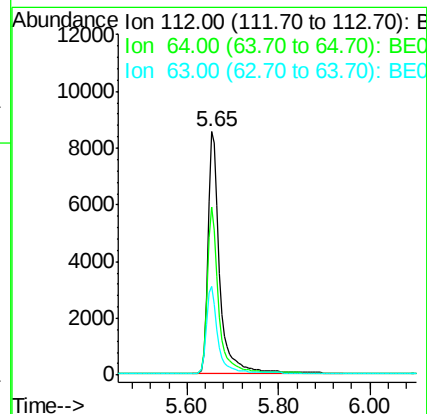
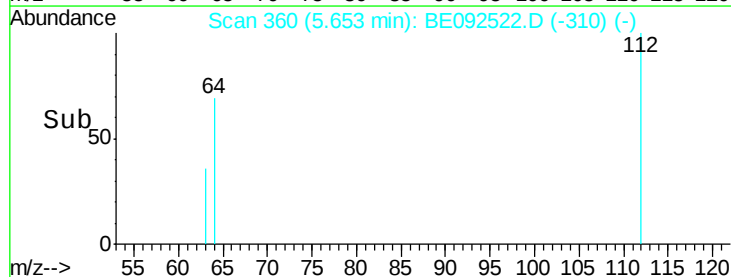
63 35.7 27.9 41.9

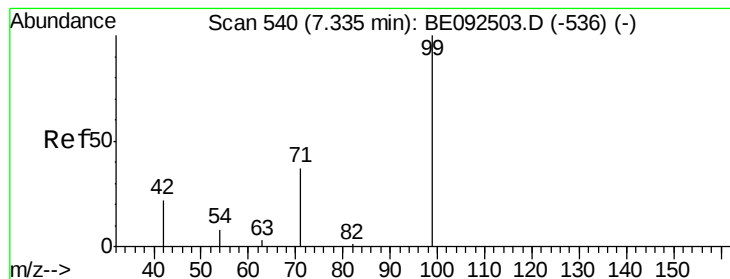


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.88 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092522.D

Acq: 9 Nov 2016 13:09

Instrument :

BNA_E

ClientSampled :

PB94547BL

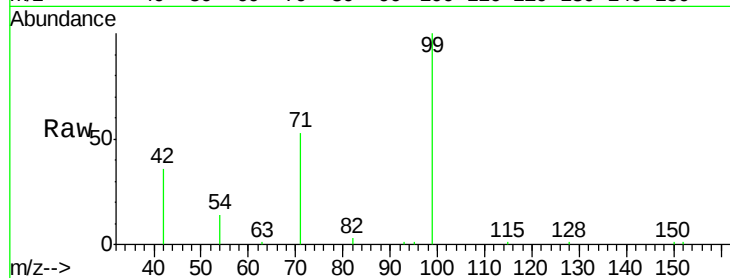
Tot Ion: 99 Resp: 19800

Ion Ratio Lower Upper

99 100

42 24.4 16.0 24.0#

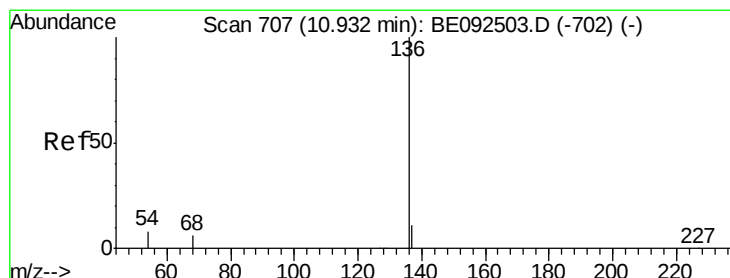
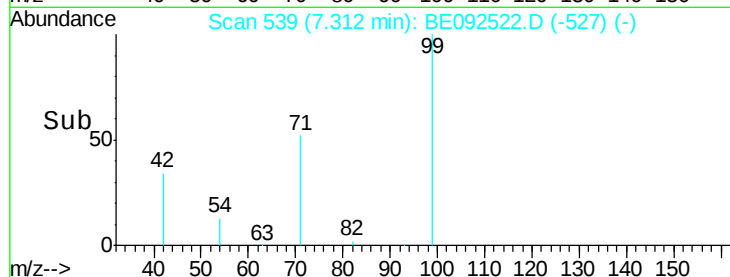
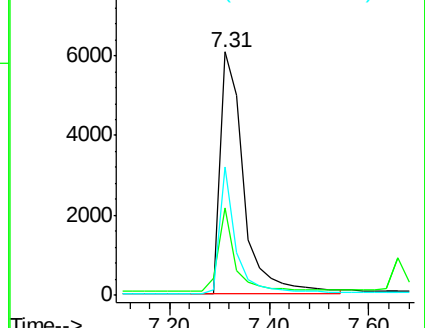
71 36.5 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BE092503.D (-536) (-)

Ion 42.00 (41.70 to 42.70): BE092503.D (-536) (-)

Ion 71.00 (70.70 to 71.70): BE092503.D (-536) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092522.D

Acq: 9 Nov 2016 13:09

Tgt Ion: 136 Resp: 37406

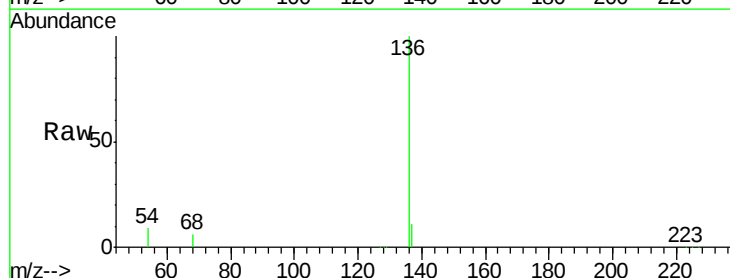
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.4

54 8.6 9.6 14.4#

68 6.3 6.7 10.1#

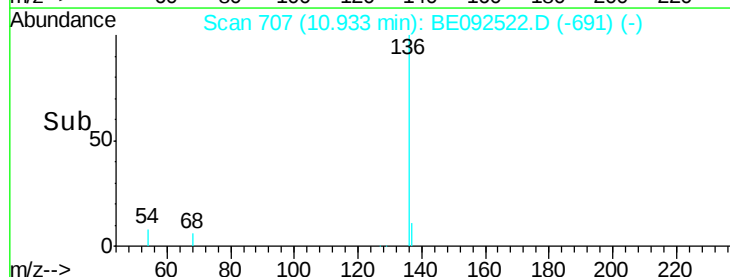
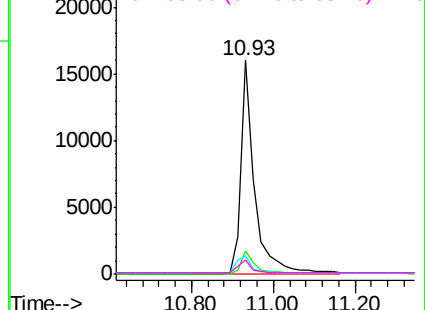


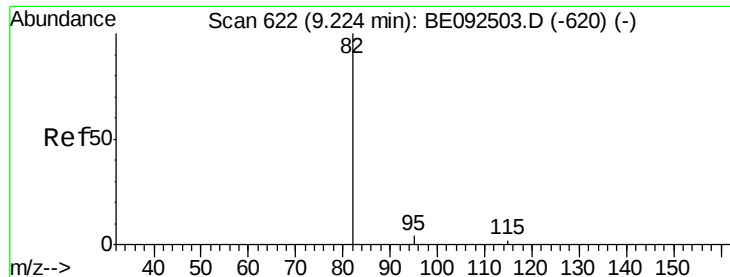
Abundance Ion 136.00 (135.70 to 136.70): BE092503.D (-702) (-)

Ion 137.00 (136.70 to 137.70): BE092503.D (-702) (-)

Ion 54.00 (53.70 to 54.70): BE092503.D (-702) (-)

Ion 68.00 (67.70 to 68.70): BE092503.D (-702) (-)





#8

Nitrobenzene-d5

Concen: 3.58 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.00 min

Lab File: BE092522.D

Acq: 9 Nov 2016 13:09

Instrument :

BNA_E

ClientSampleId :

PB94547BL

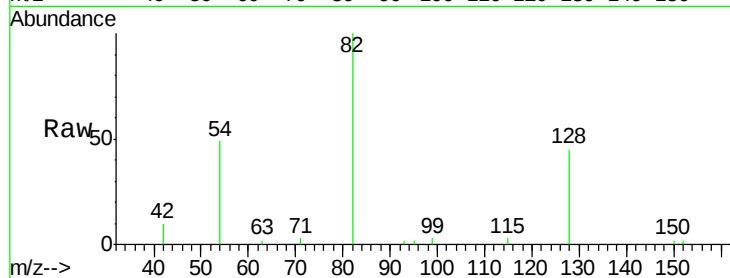
Tot Ion: 82 Resp: 8796

Ion Ratio Lower Upper

82 100

128 45.3 39.0 58.4

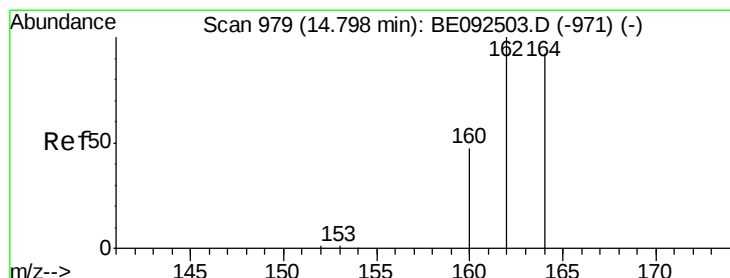
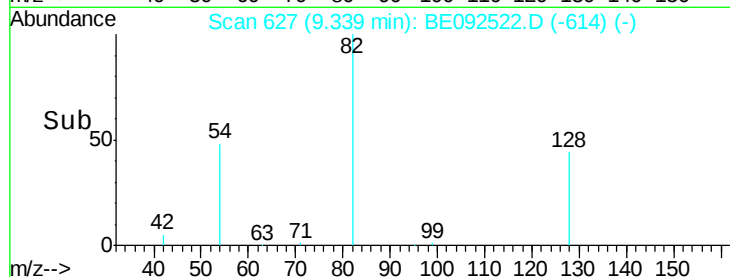
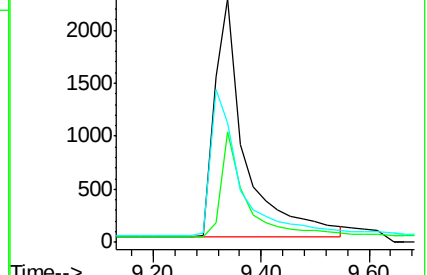
54 49.3 44.8 67.2



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092522.D

Acq: 9 Nov 2016 13:09

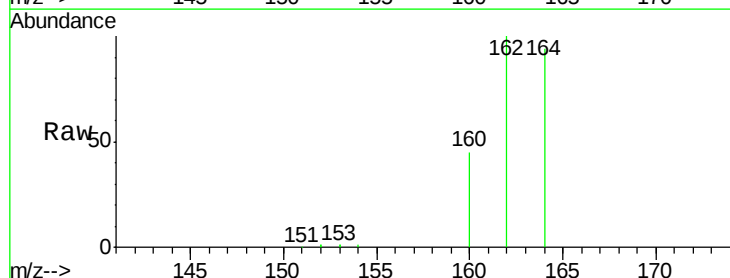
Tgt Ion: 164 Resp: 23229

Ion Ratio Lower Upper

164 100

162 106.8 71.4 107.0

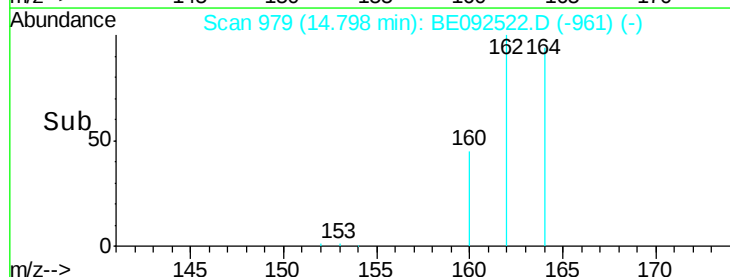
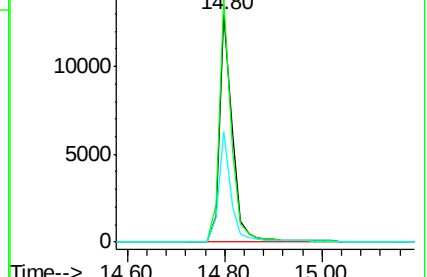
160 48.5 27.4 41.2#

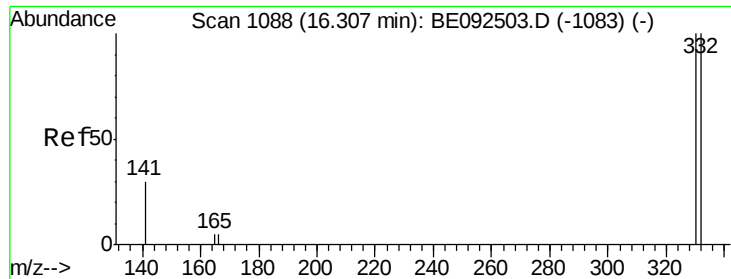


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

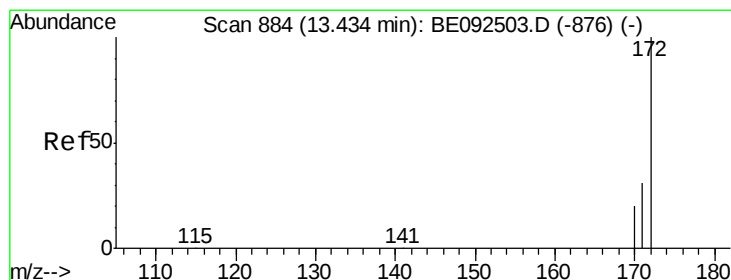
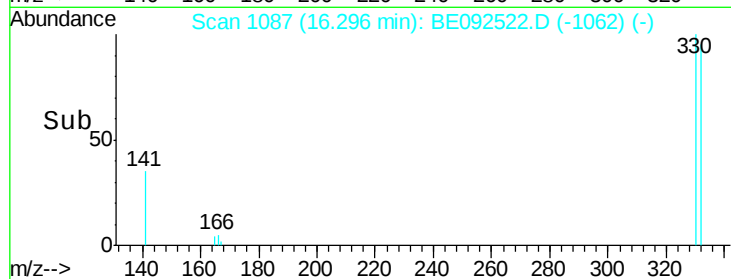
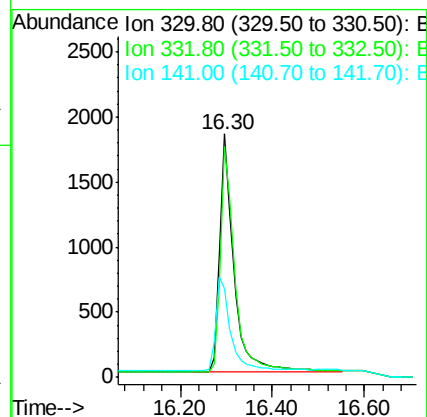
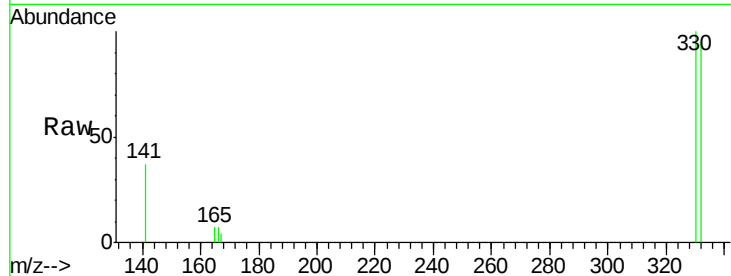




#13
 2,4,6-Tribromophenol
 Concen: 4.83 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092522.D
 Acq: 9 Nov 2016 13:09

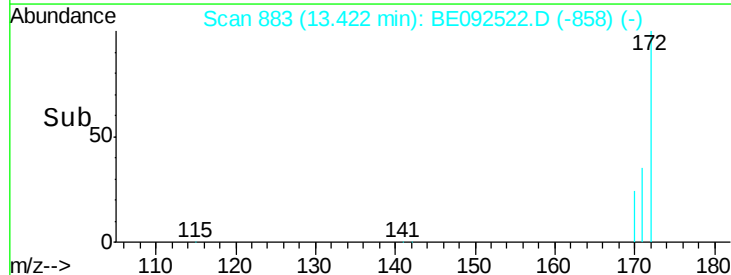
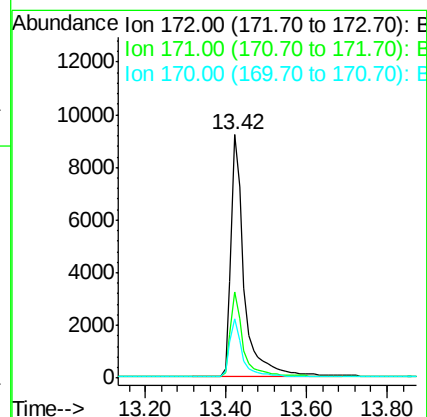
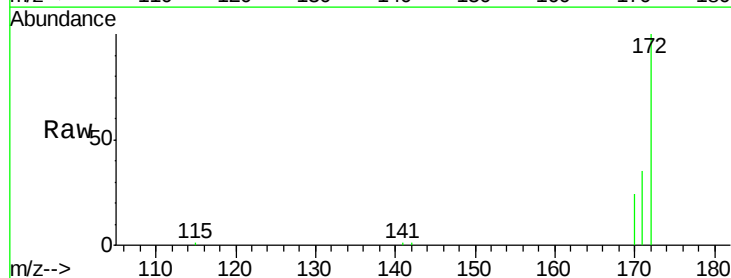
Instrument :
 BNA_E
 ClientSampleId :
 PB94547BL

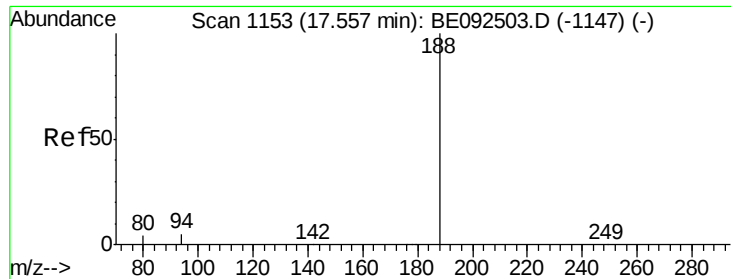
Tot Ion:330 Resp: 3932
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.4 113.0
 141 42.1 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.69 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092522.D
 Acq: 9 Nov 2016 13:09

Tgt Ion:172 Resp: 21219
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.1 45.1
 170 24.3 21.8 32.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE092522.D

Acq: 9 Nov 2016 13:09

Instrument :

BNA_E

ClientSampleId :

PB94547BL

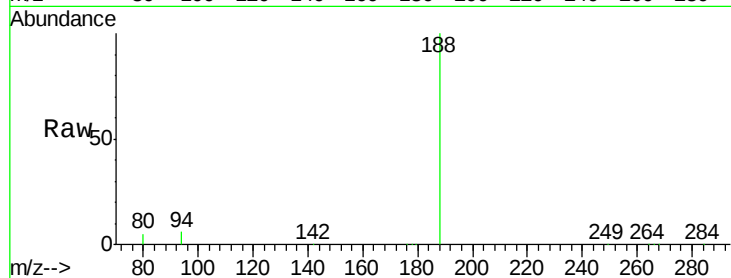
Tot Ion:188 Resp: 48424

Ion Ratio Lower Upper

188 100

94 6.0 3.2 4.8#

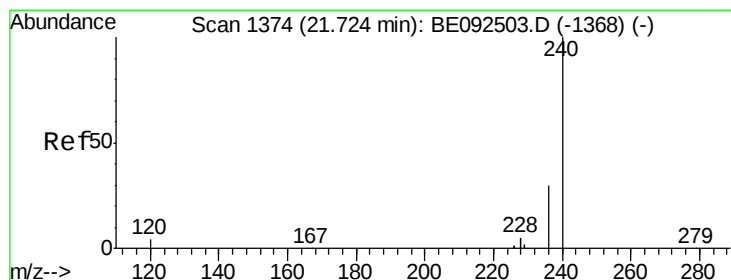
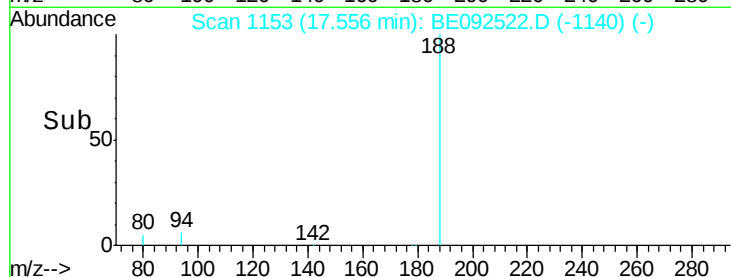
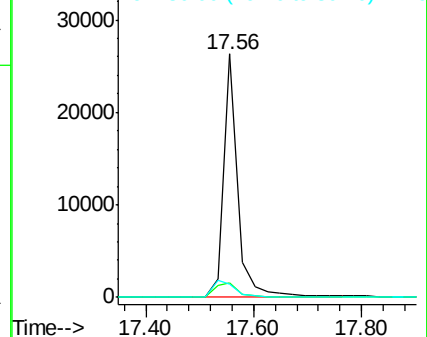
80 5.4 2.6 3.8#



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092522.D

Acq: 9 Nov 2016 13:09

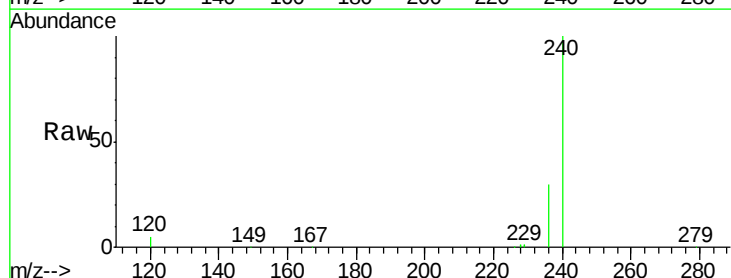
Tgt Ion:240 Resp: 56385

Ion Ratio Lower Upper

240 100

120 4.9 2.6 4.0#

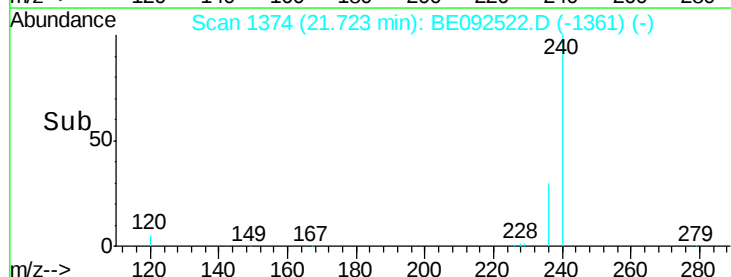
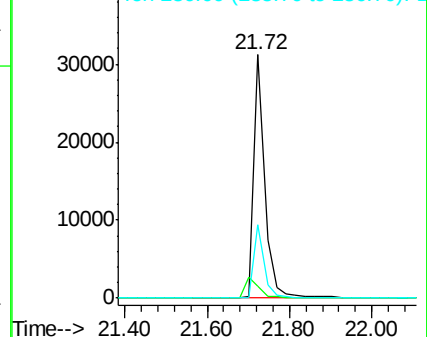
236 30.1 24.6 37.0

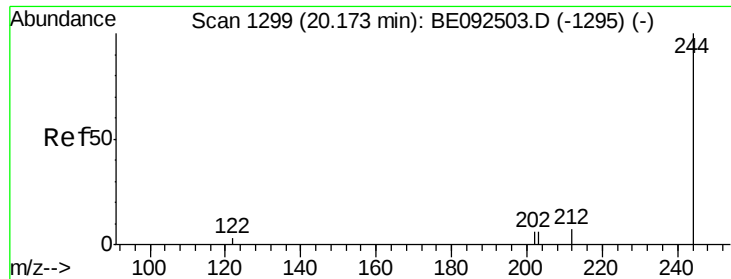


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Terphenyl-d14

Concen: 4.11 ng

RT: 20.16 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BE092522.D

Acq: 9 Nov 2016 13:09

Instrument :

BNA_E

ClientSampleId :

PB94547BL

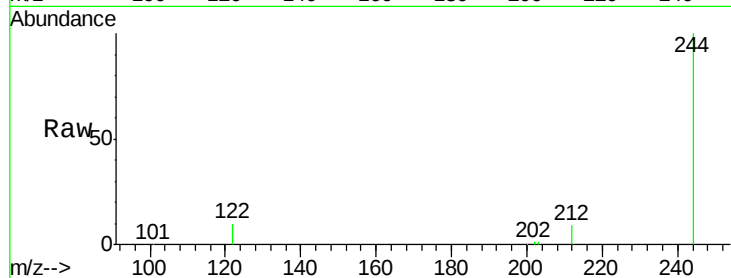
Tot Ion:244 Resp: 28165

Ion Ratio Lower Upper

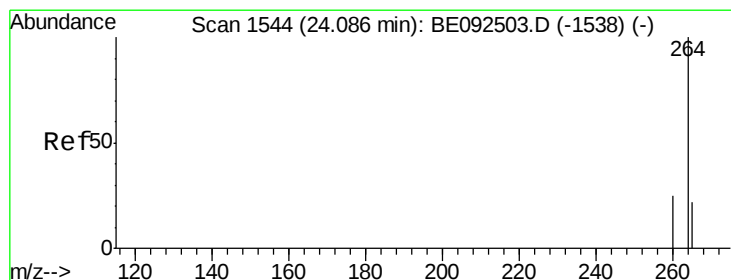
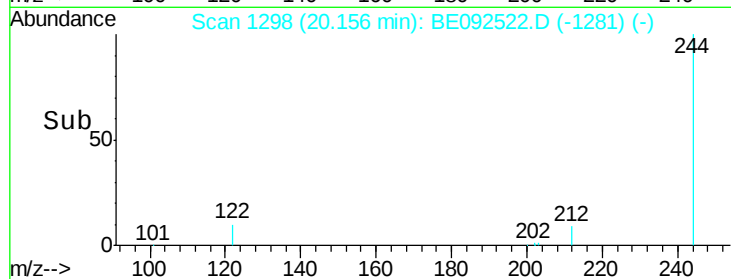
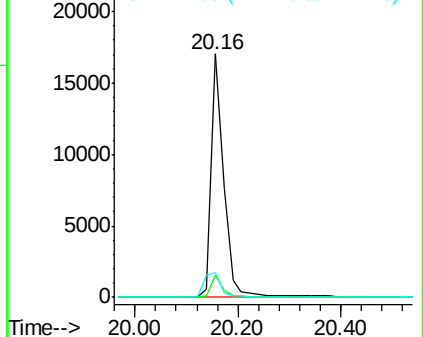
244 100

212 9.3 6.7 10.1

122 10.1 3.6 5.4#



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



#31

Perylene-d12

Concen: 5.00 ng

RT: 24.08 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BE092522.D

Acq: 9 Nov 2016 13:09

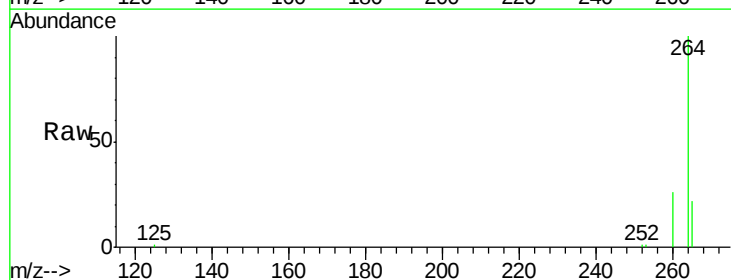
Tgt Ion:264 Resp: 53128

Ion Ratio Lower Upper

264 100

260 26.2 20.1 30.1

265 21.5 17.9 26.9



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

