

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020117\
 Data File : BE092711.D
 Acq On : 1 Feb 2017 12:36
 Operator : SJ/MA
 Sample : PB96613BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB96613BL

Quant Time: Feb 01 17:15:55 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 10:14:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	11364	5.00	ng	-0.02
7) Naphthalene-d8	10.91	136	46530	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	26850	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	55709	5.00	ng	0.00
24) Chrysene-d12	21.72	240	59591	5.00	ng	0.00
31) Perylene-d12	24.06	264	70258	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.63	112	23498	9.26	ng	-0.03
5) Phenol-d6	7.29	99	29670	9.54	ng	-0.04
8) Nitrobenzene-d5	9.29	82	12381	4.10	ng	-0.05
13) 2,4,6-Tribromophenol	16.28	330	5725	7.23	ng	-0.01
14) 2-Fluorobiphenyl	13.41	172	26951	4.08	ng	-0.01
26) Terphenyl-d14	20.14	244	34633	4.11	ng	-0.02

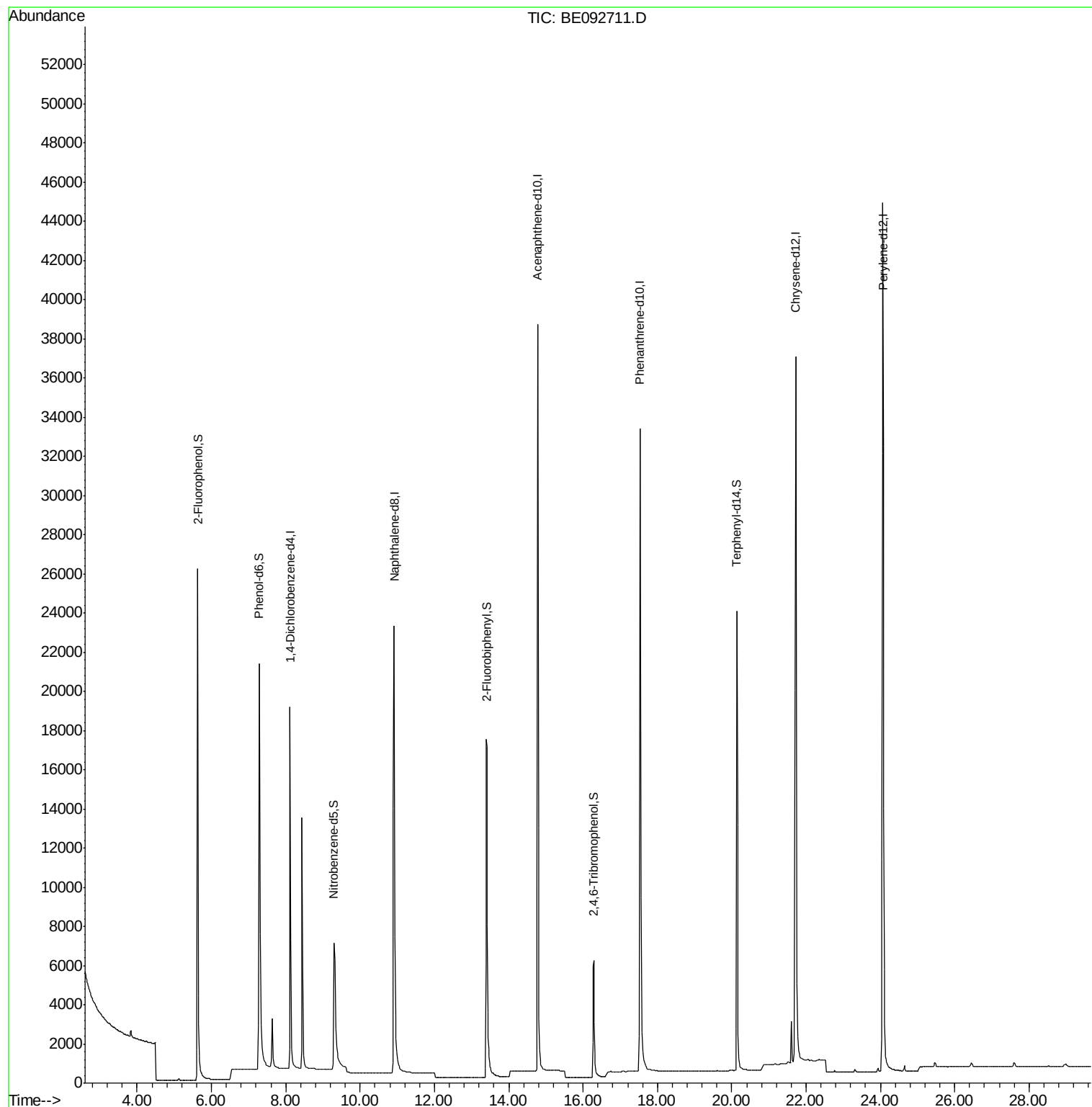
Target Compounds Qvalue

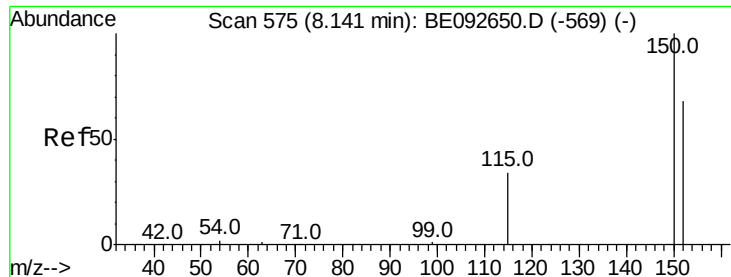
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.12 min Scan# 574

Delta R.T. -0.02 min

Lab File: BE092711.D

Acq: 1 Feb 2017 12:36

Instrument :

BNA_E

ClientSampleId :

PB96613BL

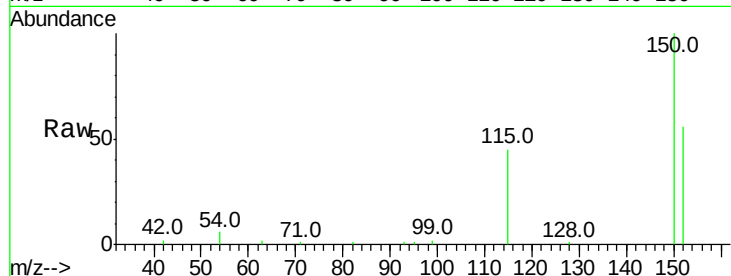
Tot Ion:152 Resp: 11364

Ion Ratio Lower Upper

152 100

150 177.2 106.0 159.0#

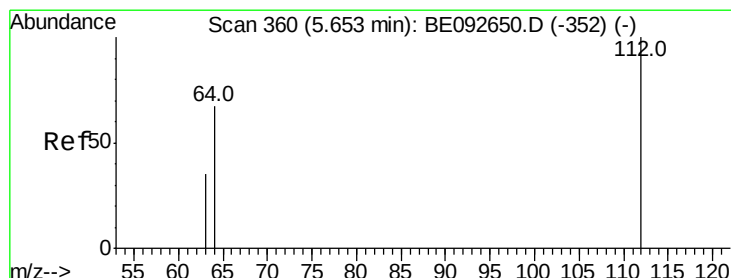
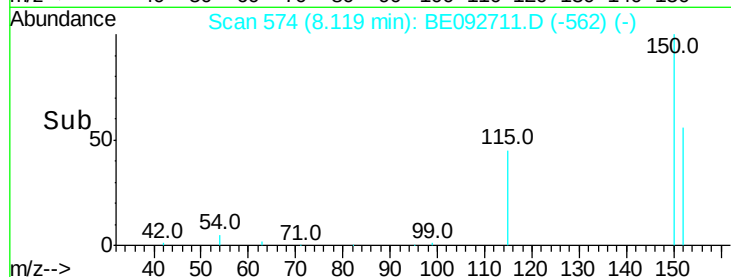
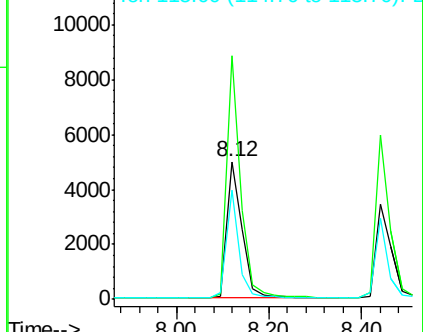
115 79.7 31.2 46.8#



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: 9.26 ng

RT: 5.63 min Scan# 356

Delta R.T. -0.03 min

Lab File: BE092711.D

Acq: 1 Feb 2017 12:36

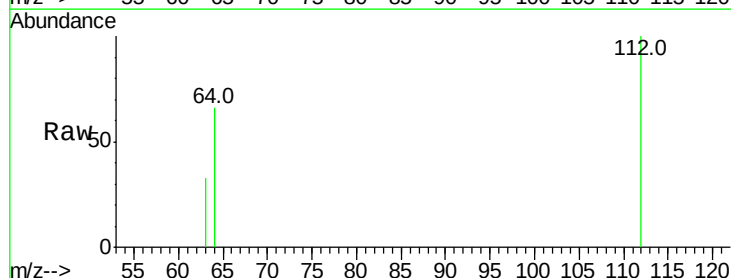
Tgt Ion:112 Resp: 23498

Ion Ratio Lower Upper

112 100

64 68.1 53.5 80.3

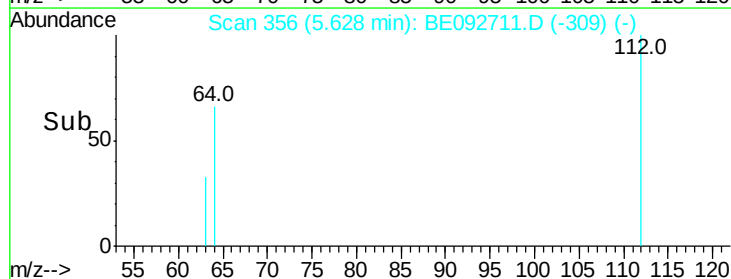
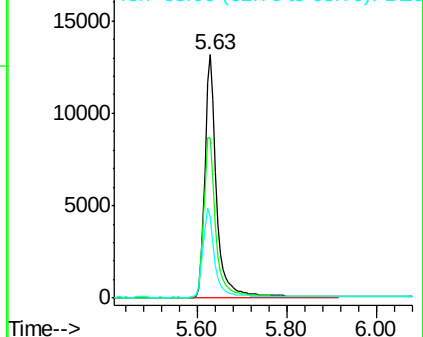
63 36.3 27.9 41.9

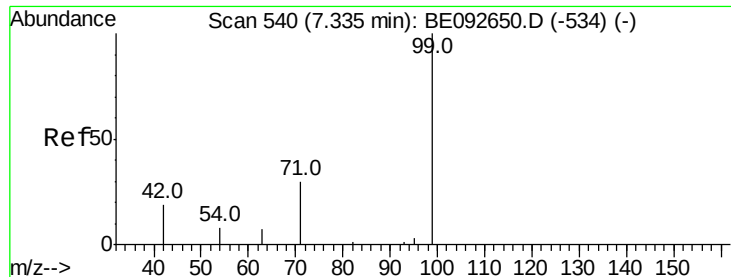


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 9.54 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.04 min

Lab File: BE092711.D

Acq: 1 Feb 2017 12:36

Instrument :

BNA_E

ClientSampleId :

PB96613BL

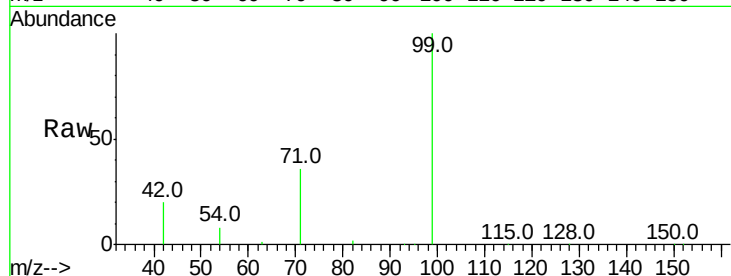
Tot Ion: 99 Resp: 29670

Ion Ratio Lower Upper

99 100

42 22.9 16.0 24.0

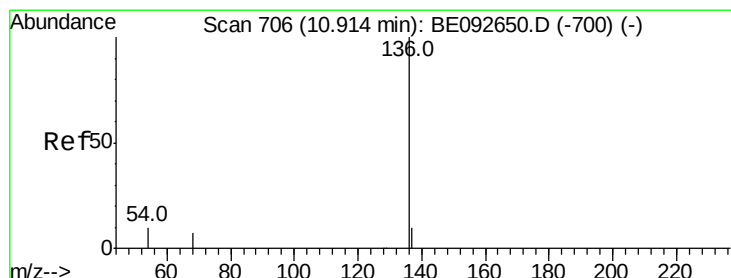
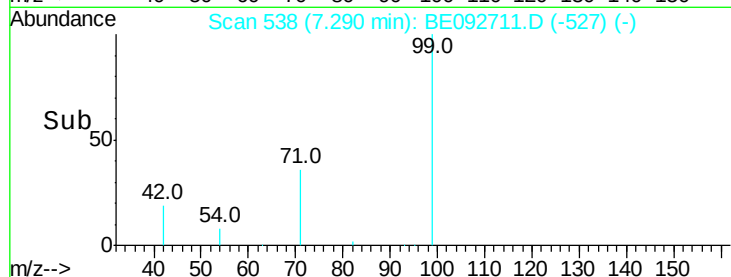
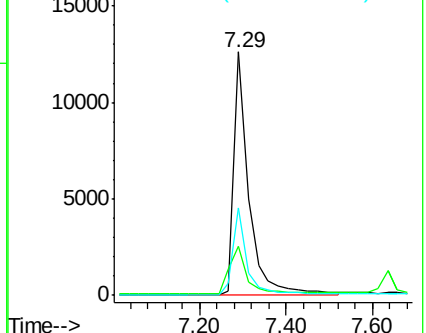
71 33.5 30.6 45.8



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.91 min Scan# 706

Delta R.T. 0.00 min

Lab File: BE092711.D

Acq: 1 Feb 2017 12:36

Tgt Ion: 136 Resp: 46530

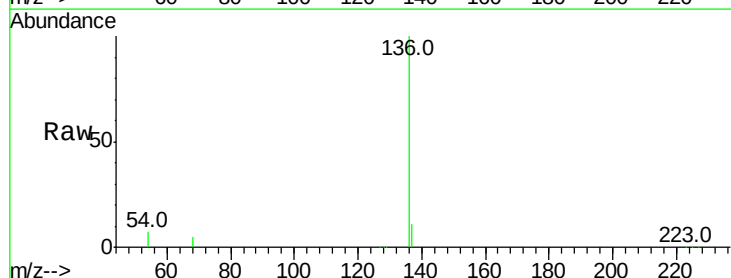
Ion Ratio Lower Upper

136 100

137 11.4 8.2 12.4

54 6.7 9.6 14.4#

68 5.1 6.7 10.1#

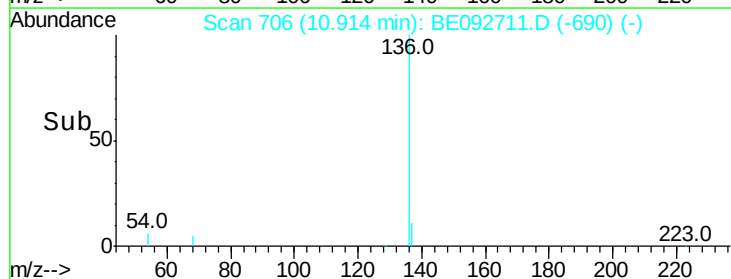
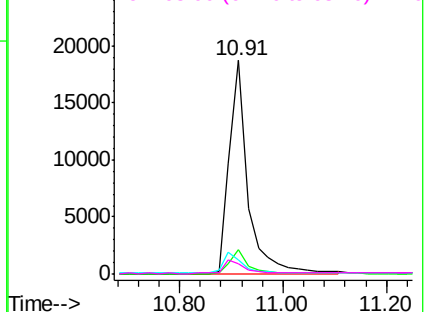


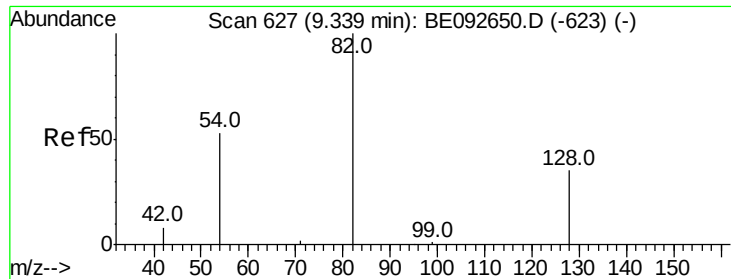
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 4.10 ng

RT: 9.29 min Scan# 625

Delta R.T. -0.05 min

Lab File: BE092711.D

Acq: 1 Feb 2017 12:36

Instrument :

BNA_E

ClientSampleId :

PB96613BL

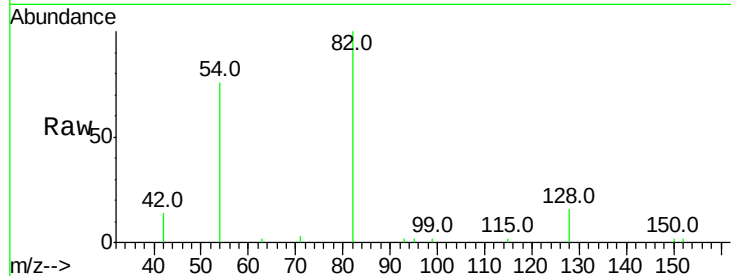
Tot Ion: 82 Resp: 12381

Ion Ratio Lower Upper

82 100

128 15.6 39.0 58.4#

54 76.5 44.8 67.2#

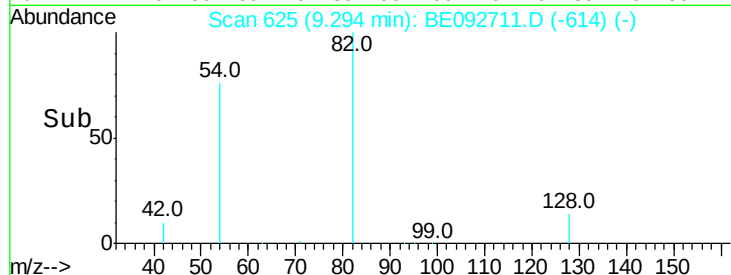


Abundance Ion 82.00 (81.70 to 82.70): BE092650.D (-623) (-)

Ion 128.00 (127.70 to 128.70): BE092650.D (-623) (-)

Ion 54.00 (53.70 to 54.70): BE092650.D (-623) (-)

Time-->

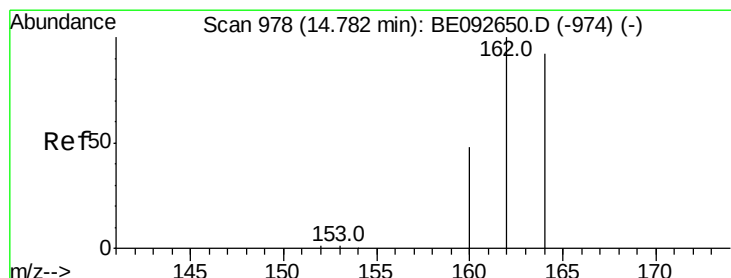


Abundance Ion 82.00 (81.70 to 82.70): BE092711.D (-614) (-)

Ion 128.00 (127.70 to 128.70): BE092711.D (-614) (-)

Ion 54.00 (53.70 to 54.70): BE092711.D (-614) (-)

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.78 min Scan# 978

Delta R.T. -0.00 min

Lab File: BE092711.D

Acq: 1 Feb 2017 12:36

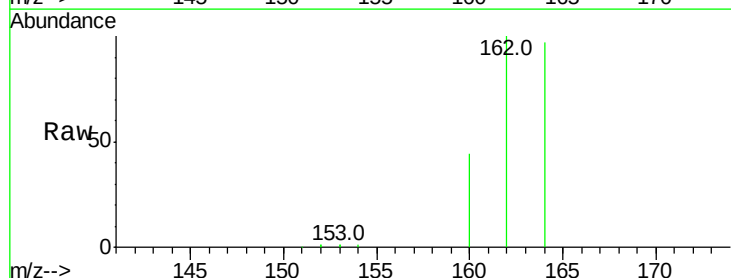
Tgt Ion: 164 Resp: 26850

Ion Ratio Lower Upper

164 100

162 103.0 71.4 107.0

160 45.1 27.4 41.2#

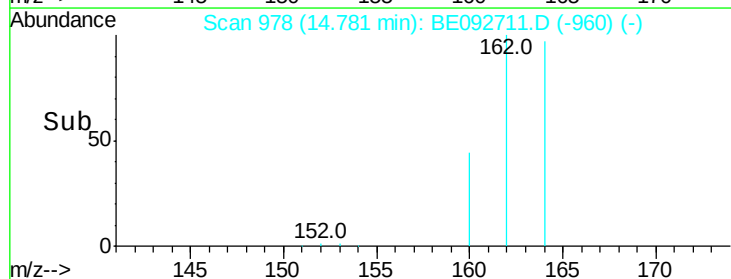


Abundance Ion 164.00 (163.70 to 164.70): BE092650.D (-974) (-)

Ion 162.00 (161.70 to 162.70): BE092650.D (-974) (-)

Ion 160.00 (159.70 to 160.70): BE092650.D (-974) (-)

Time-->

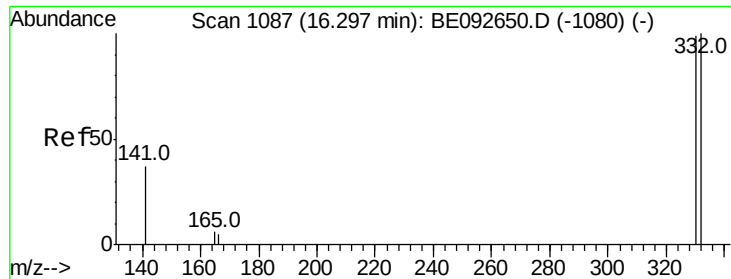


Abundance Ion 164.00 (163.70 to 164.70): BE092711.D (-960) (-)

Ion 162.00 (161.70 to 162.70): BE092711.D (-960) (-)

Ion 160.00 (159.70 to 160.70): BE092711.D (-960) (-)

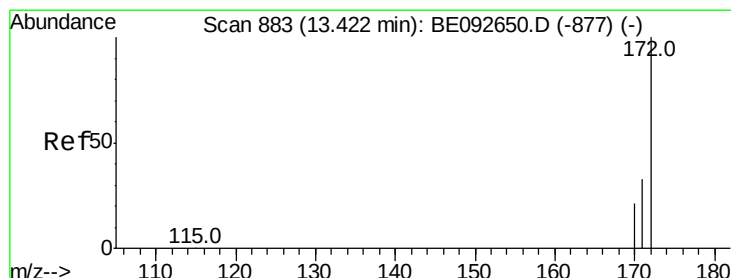
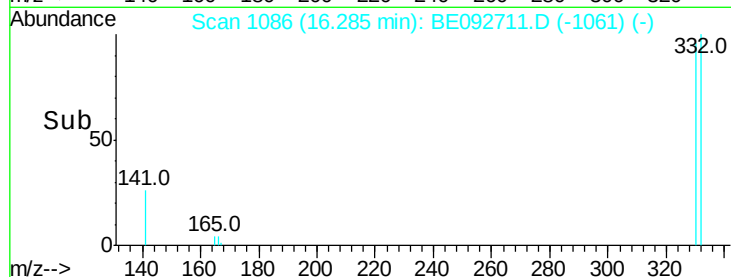
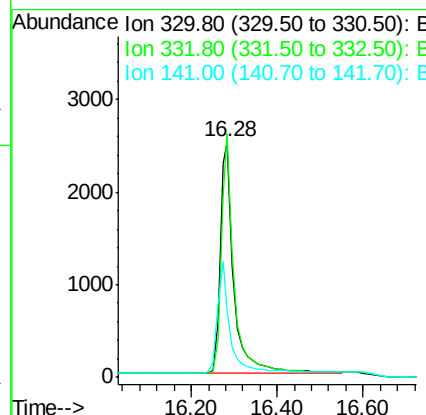
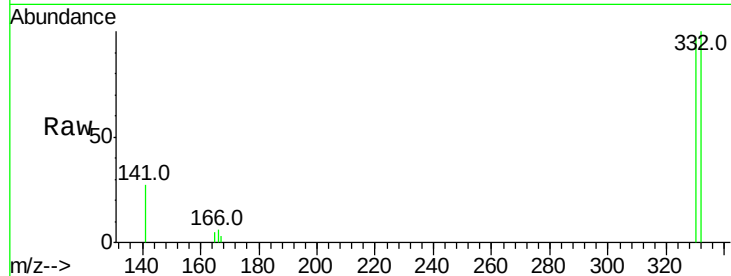
Time-->



#13
 2,4,6-Tribromophenol
 Concen: 7.23 ng
 RT: 16.28 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BE092711.D
 Acq: 1 Feb 2017 12:36

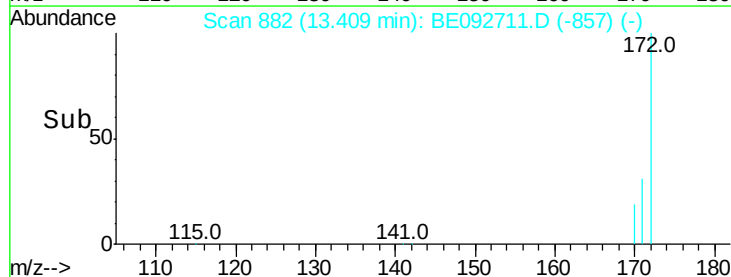
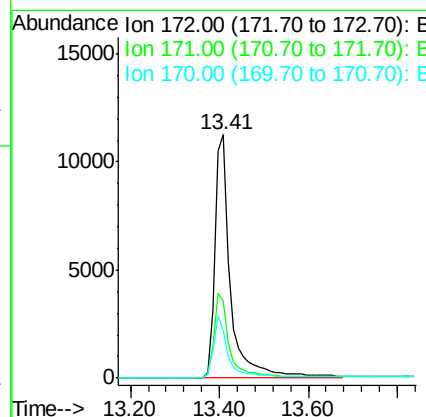
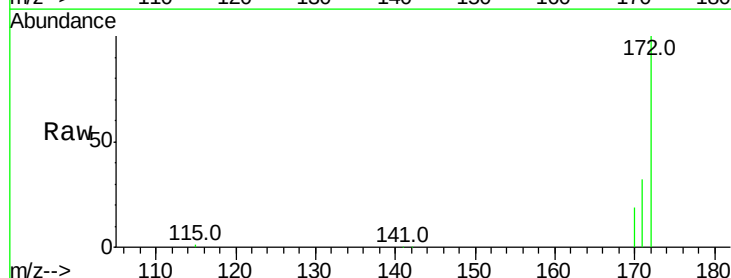
Instrument :
 BNA_E
 ClientSampleId :
 PB96613BL

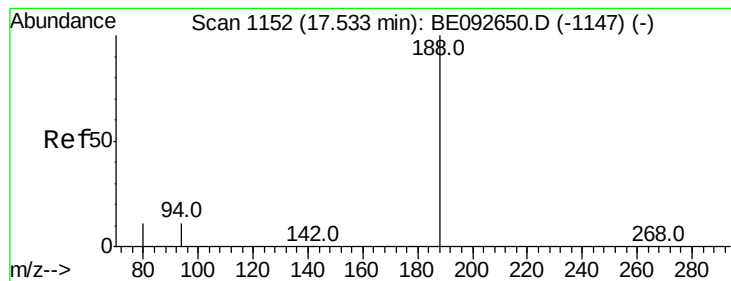
Tot Ion:330 Resp: 5725
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.4 113.0
 141 43.7 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.08 ng
 RT: 13.41 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BE092711.D
 Acq: 1 Feb 2017 12:36

Tgt Ion:172 Resp: 26951
 Ion Ratio Lower Upper
 172 100
 171 31.6 30.1 45.1
 170 19.5 21.8 32.6#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.53 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE092711.D

Acq: 1 Feb 2017 12:36

Instrument :

BNA_E

ClientSampled :

PB96613BL

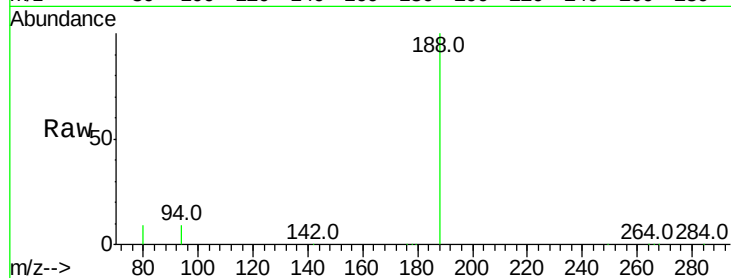
Tot Ion:188 Resp: 55709

Ion Ratio Lower Upper

188 100

94 9.4 3.2 4.8#

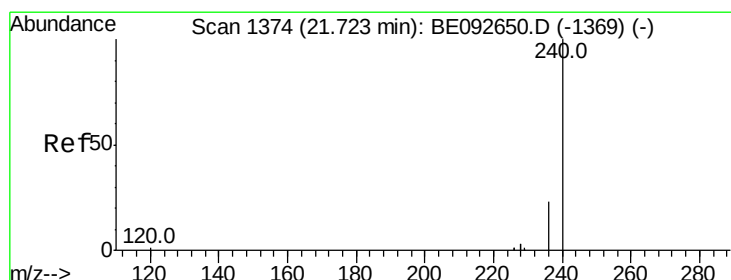
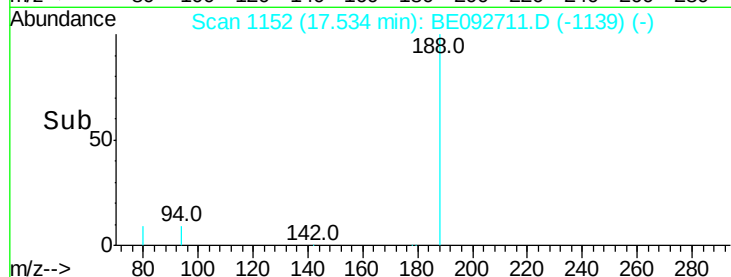
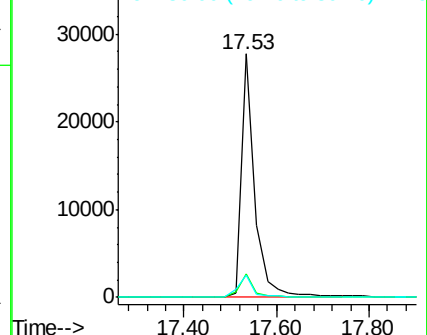
80 9.1 2.6 3.8#



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: BE092711.D

Acq: 1 Feb 2017 12:36

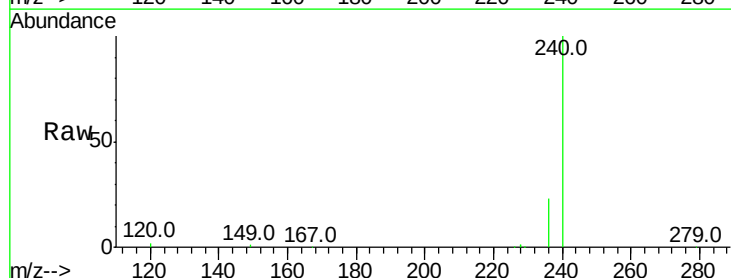
Tgt Ion:240 Resp: 59591

Ion Ratio Lower Upper

240 100

120 2.0 2.6 4.0#

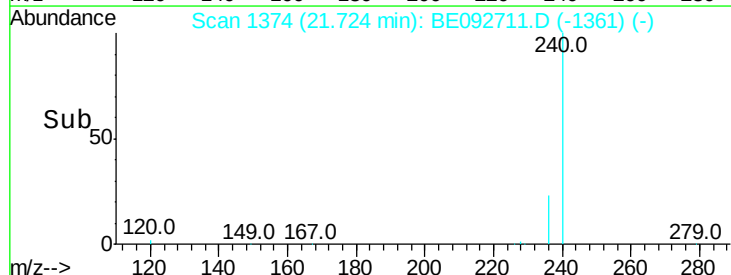
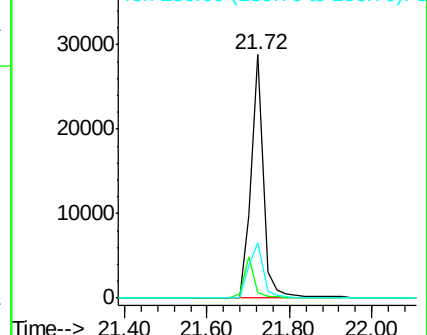
236 22.8 24.6 37.0#

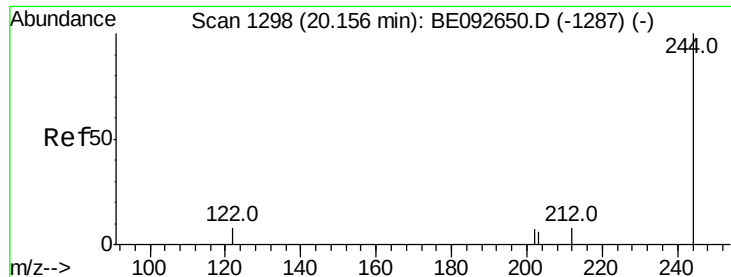


Abundance Ion 240.00 (239.70 to 240.70): E

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: 20.14 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BE092711.D

Acq: 1 Feb 2017 12:36

Instrument :

BNA_E

ClientSampleId :

PB96613BL

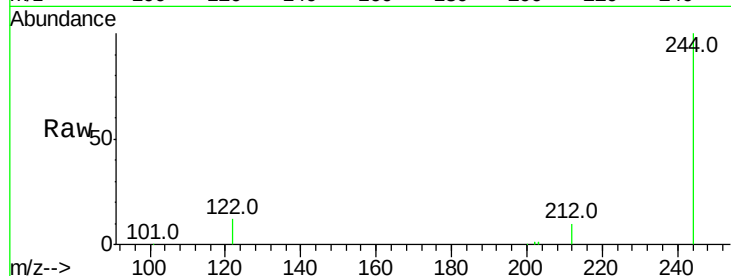
Tot Ion:244 Resp: 34633

Ion Ratio Lower Upper

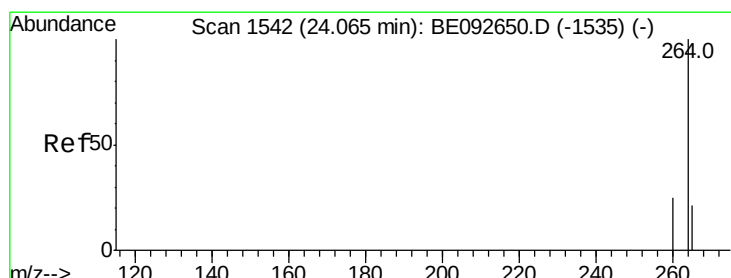
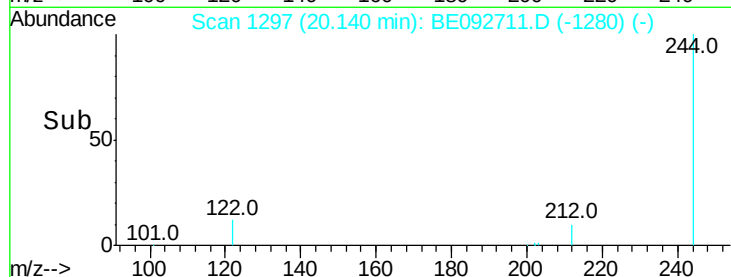
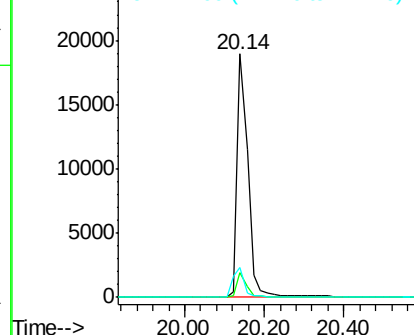
244 100

212 9.9 6.7 10.1

122 12.3 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: 24.06 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE092711.D

Acq: 1 Feb 2017 12:36

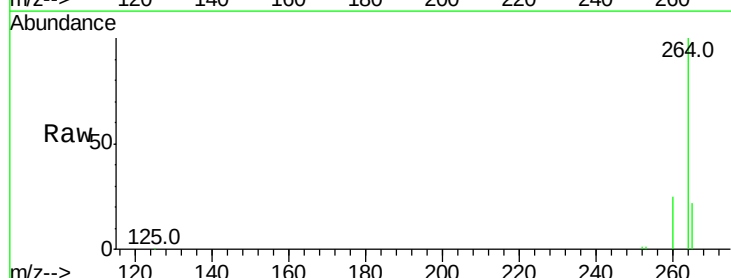
Tgt Ion:264 Resp: 70258

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

265 21.9 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

