

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\
 Data File : BE092672.D
 Acq On : 24 Jan 2017 19:10
 Operator : UM/SJ
 Sample : PB96293BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB96293BL

Quant Time: Jan 25 13:14:50 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	8.14	152	8436	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	35290	5.00	ng	0.02
12) Acenaphthene-d10	14.80	164	20851	5.00	ng	0.02
18) Phenanthrene-d10	17.56	188	41988	5.00	ng	0.02
24) Chrysene-d12	21.72	240	57890	5.00	ng	0.00
31) Perylene-d12	24.06	264	60269	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.64	112	14503	7.70	ng	-0.01
5) Phenol-d6	7.31	99	16781	7.27	ng	-0.02
8) Nitrobenzene-d5	9.34	82	7362	3.21	ng	0.00
13) 2,4,6-Tribromophenol	16.33	330	2266	3.75	ng	0.04
14) 2-Fluorobiphenyl	13.42	172	18398	3.59	ng	0.00
26) Terphenyl-d14	20.16	244	27085	3.31	ng	0.00

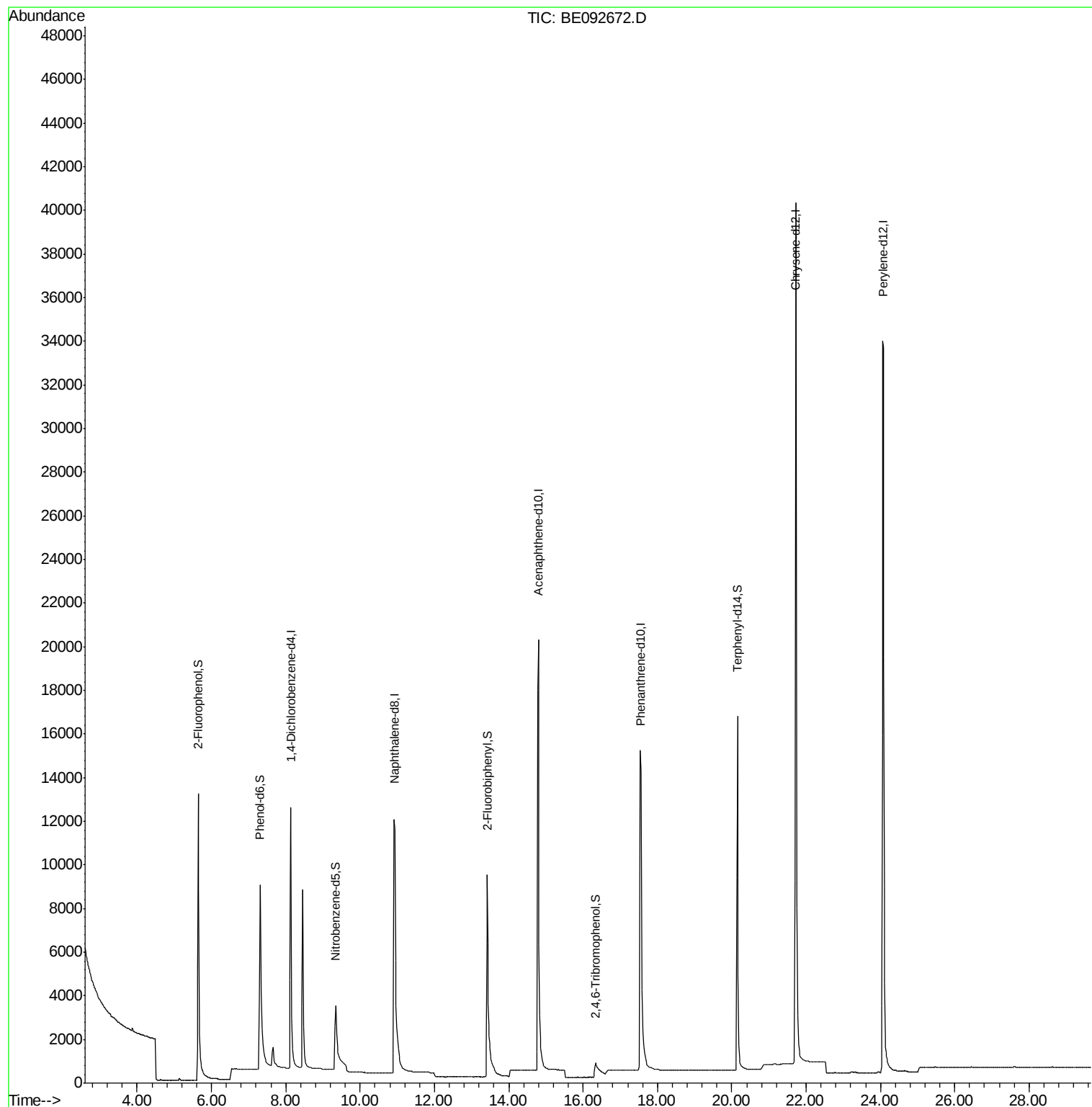
Target Compounds Qvalue

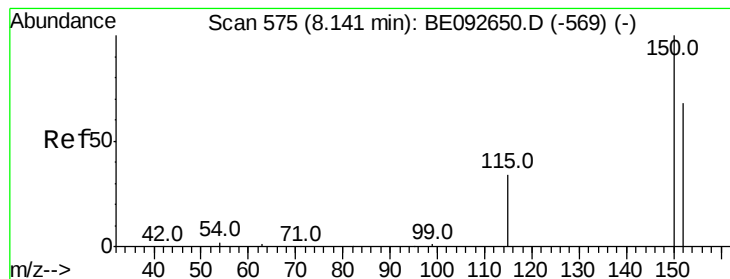
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. 0.00 min

Lab File: BE092672.D

Acq: 24 Jan 2017 19:10

Instrument :

BNA_E

ClientSampleId :

PB96293BL

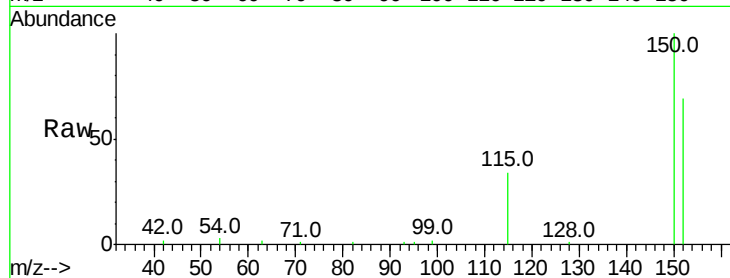
Tot Ion:152 Resp: 8436

Ion Ratio Lower Upper

152 100

150 145.4 106.0 159.0

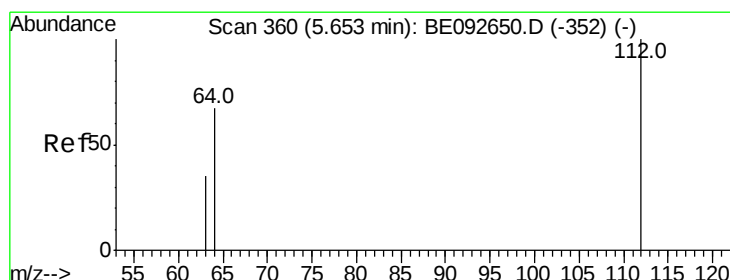
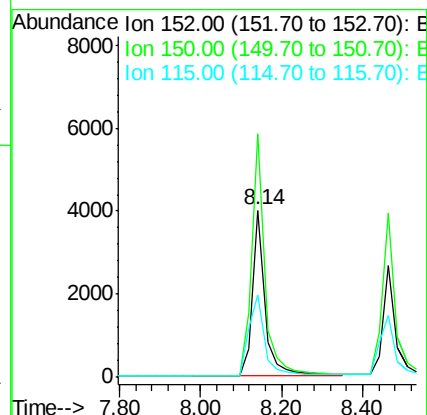
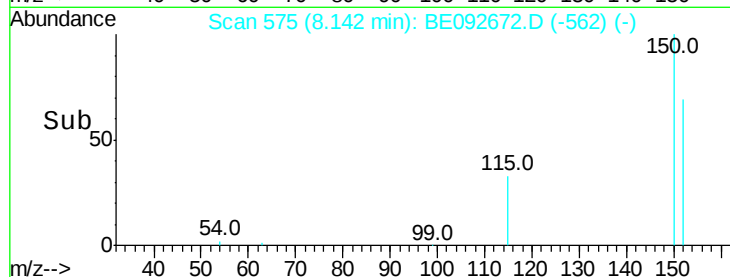
115 49.2 31.2 46.8#



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: 7.70 ng

RT: 5.64 min Scan# 358

Delta R.T. -0.01 min

Lab File: BE092672.D

Acq: 24 Jan 2017 19:10

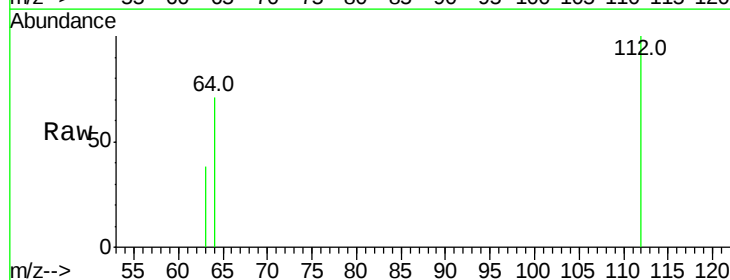
Tgt Ion:112 Resp: 14503

Ion Ratio Lower Upper

112 100

64 68.6 53.5 80.3

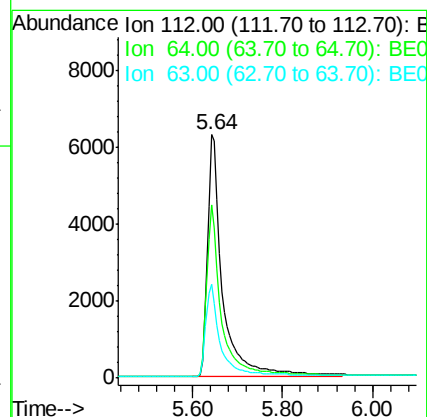
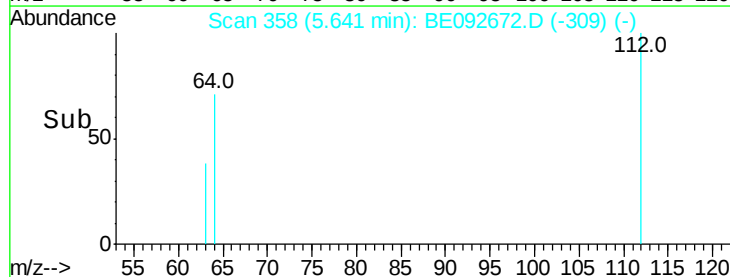
63 36.9 27.9 41.9

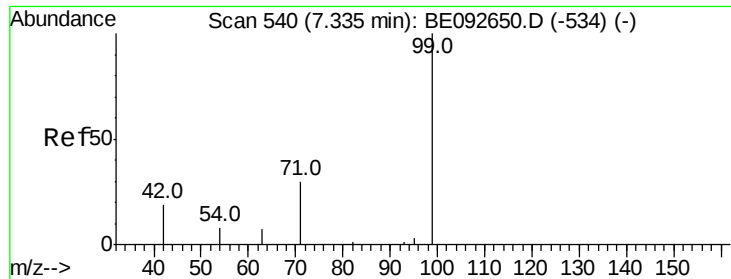


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.27 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092672.D

Acq: 24 Jan 2017 19:10

Instrument :

BNA_E

ClientSampleId :

PB96293BL

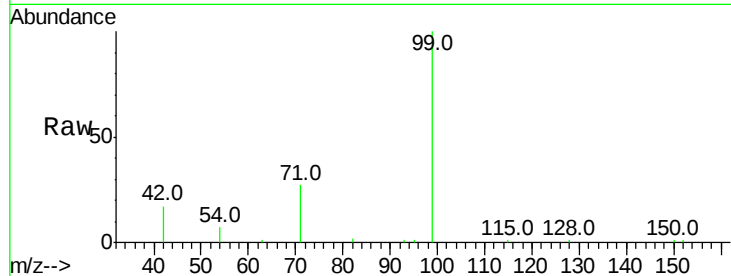
Tot Ion: 99 Resp: 16781

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

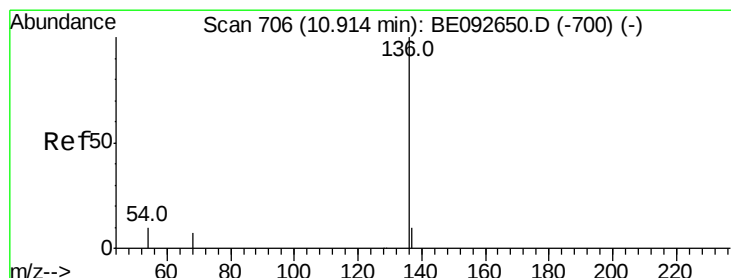
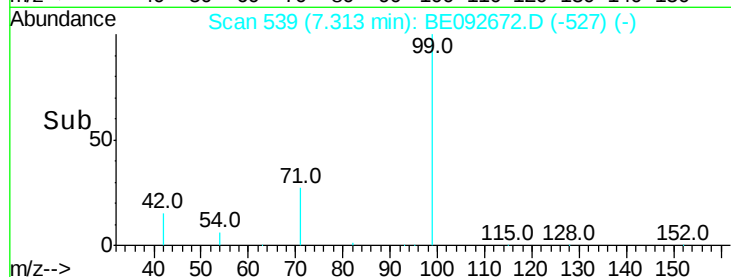
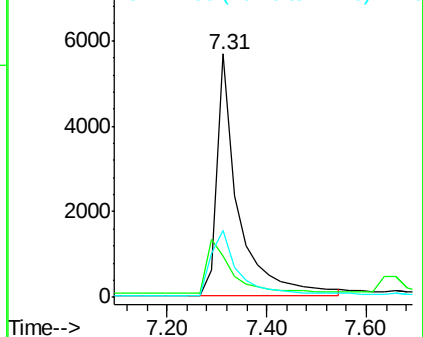
71 34.9 30.6 45.8



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: 10.93 min Scan# 707

Delta R.T. 0.02 min

Lab File: BE092672.D

Acq: 24 Jan 2017 19:10

Tgt Ion: 136 Resp: 35290

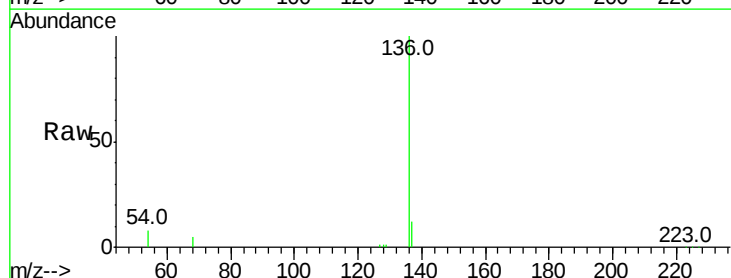
Ion Ratio Lower Upper

136 100

137 11.9 8.2 12.4

54 7.6 9.6 14.4#

68 5.4 6.7 10.1#

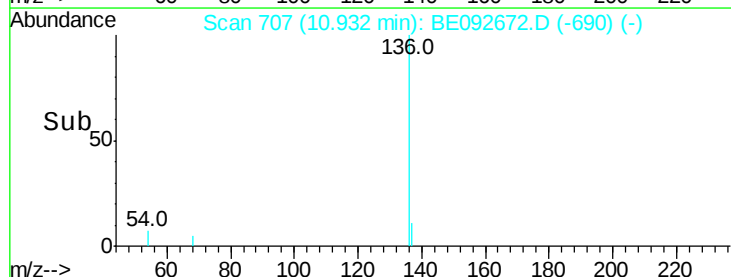
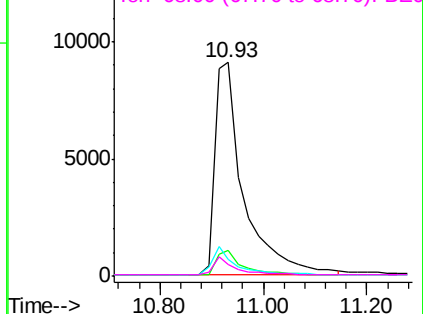


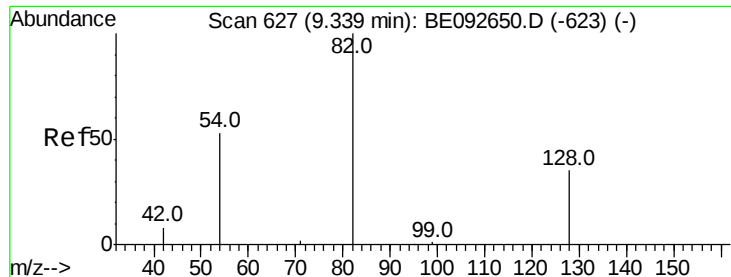
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.21 ng

RT: 9.34 min Scan# 627

Delta R.T. 0.00 min

Lab File: BE092672.D

Acq: 24 Jan 2017 19:10

Instrument :

BNA_E

ClientSampleId :

PB96293BL

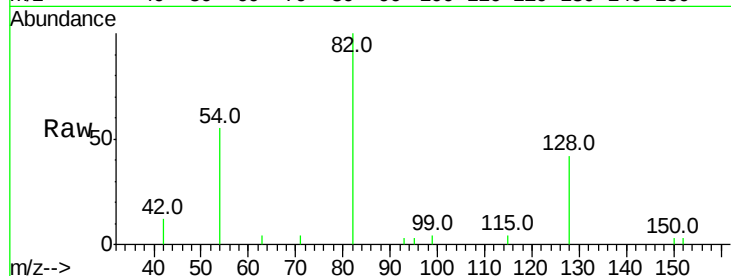
Tot Ion: 82 Resp: 7362

Ion Ratio Lower Upper

82 100

128 42.2 39.0 58.4

54 55.2 44.8 67.2

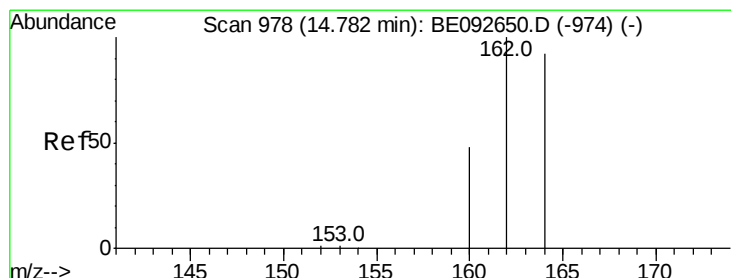
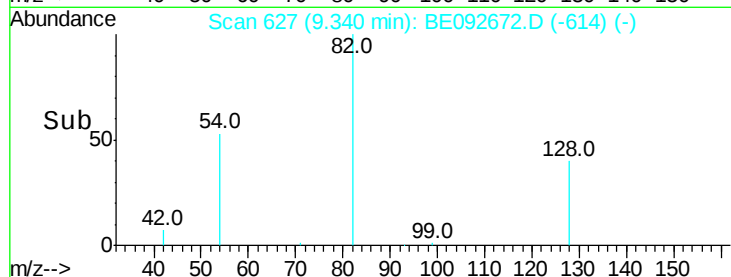


Abundance Ion 82.00 (81.70 to 82.70): BE092650.D (-623) (-)

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

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

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.02 min

Lab File: BE092672.D

Acq: 24 Jan 2017 19:10

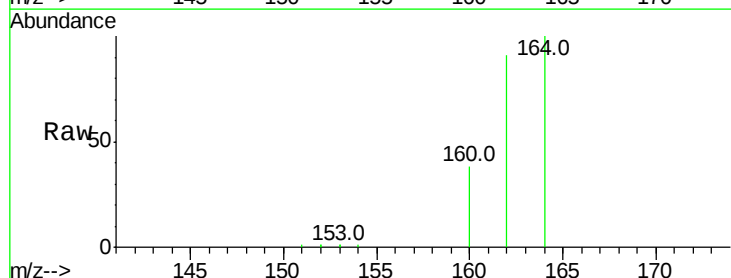
Tgt Ion: 164 Resp: 20851

Ion Ratio Lower Upper

164 100

162 90.7 71.4 107.0

160 37.5 27.4 41.2

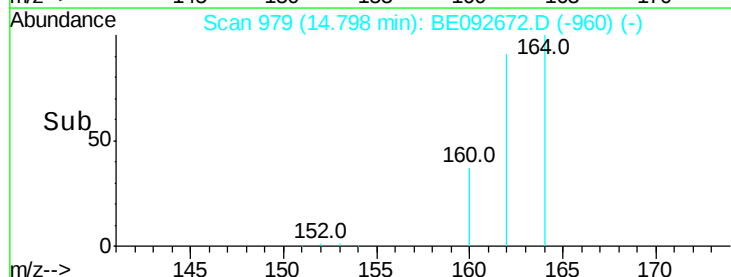


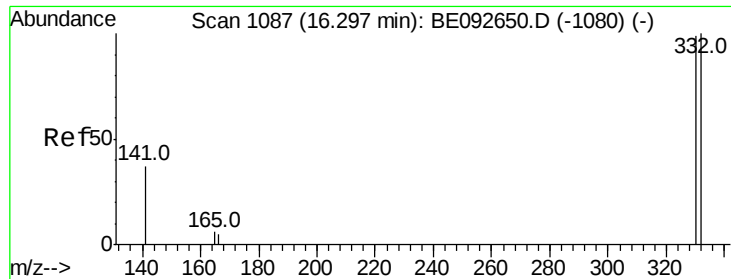
Abundance Ion 164.00 (163.70 to 164.70): BE092650.D (-974) (-)

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

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

Time-->

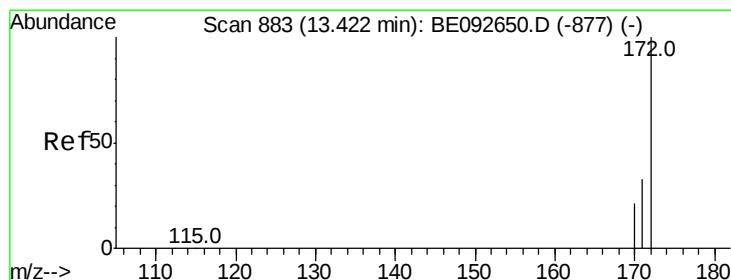
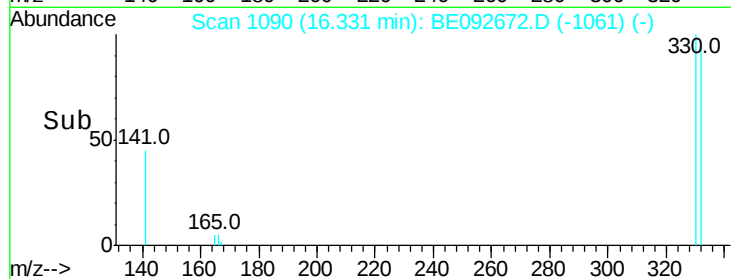
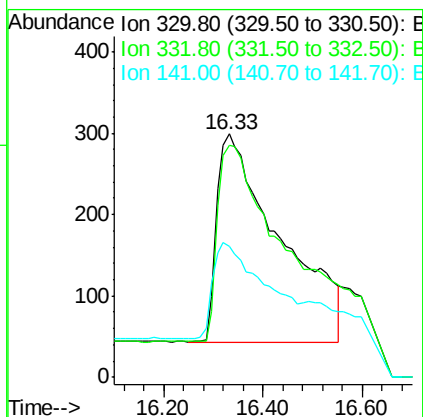
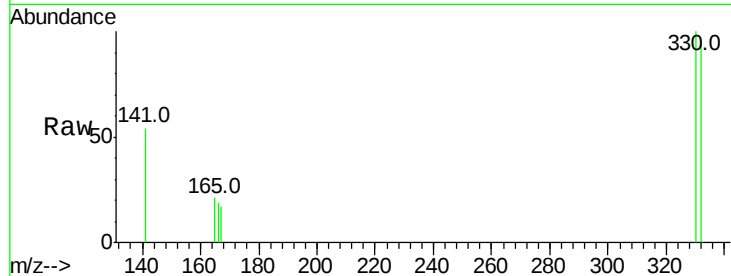




#13
 2,4,6-Tribromophenol
 Concen: 3.75 ng
 RT: 16.33 min Scan# 1090
 Delta R.T. 0.04 min
 Lab File: BE092672.D
 Acq: 24 Jan 2017 19:10

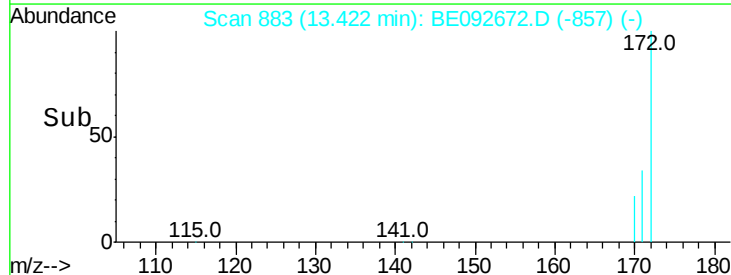
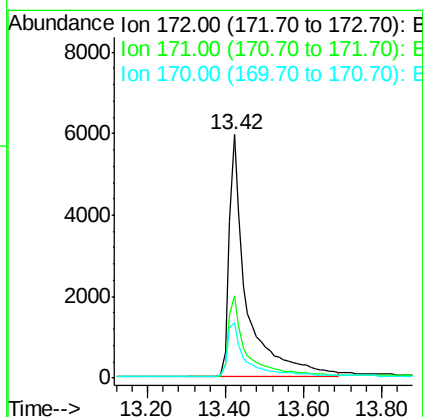
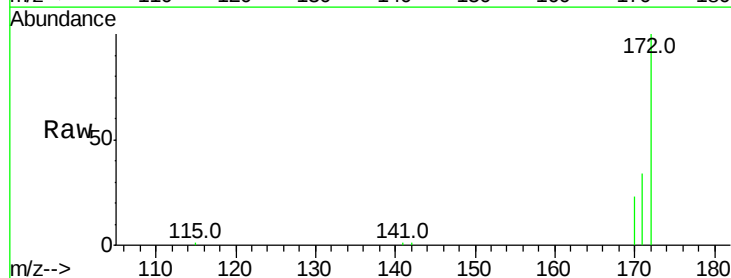
Instrument :
 BNA_E
 ClientSampleId :
 PB96293BL

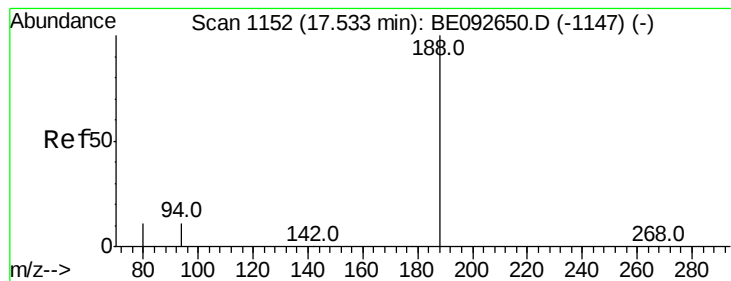
Tot Ion:330 Resp: 2266
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.4 113.0
 141 40.1 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.59 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BE092672.D
 Acq: 24 Jan 2017 19:10

Tgt Ion:172 Resp: 18398
 Ion Ratio Lower Upper
 172 100
 171 34.1 30.1 45.1
 170 23.0 21.8 32.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1153

Delta R.T. 0.02 min

Lab File: BE092672.D

Acq: 24 Jan 2017 19:10

Instrument :

BNA_E

ClientSampleId :

PB96293BL

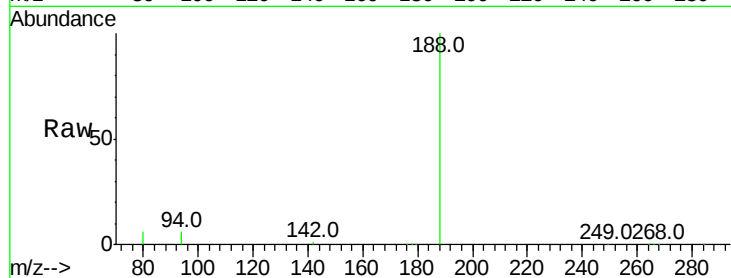
Tot Ion:188 Resp: 41988

Ion Ratio Lower Upper

188 100

94 5.7 3.2 4.8#

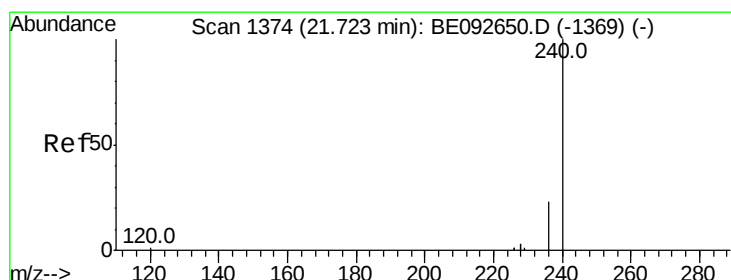
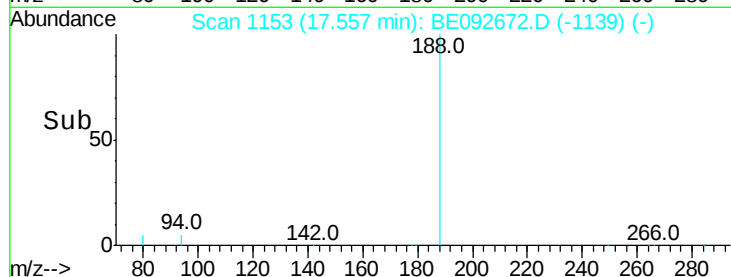
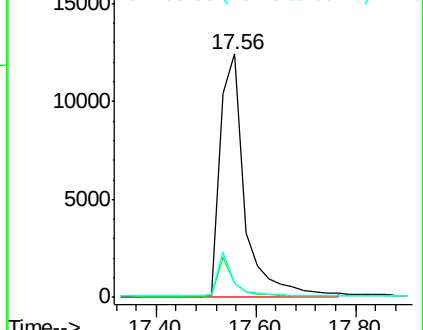
80 5.8 2.6 3.8#



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: BE092672.D

Acq: 24 Jan 2017 19:10

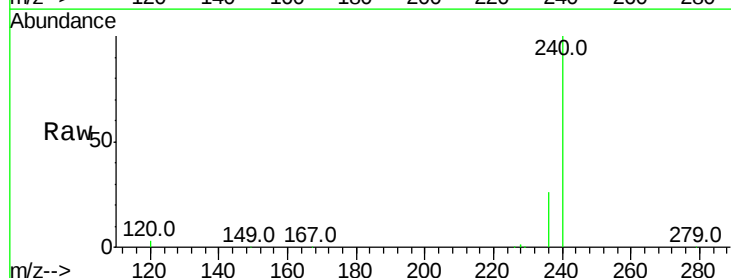
Tgt Ion:240 Resp: 57890

Ion Ratio Lower Upper

240 100

120 3.2 2.6 4.0

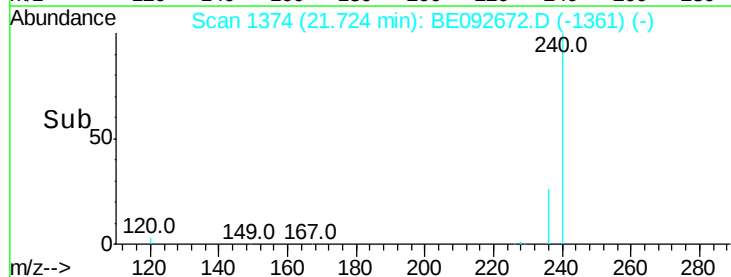
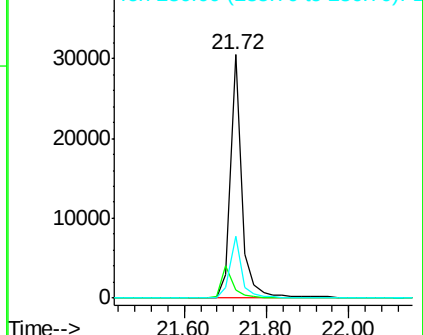
236 25.6 24.6 37.0

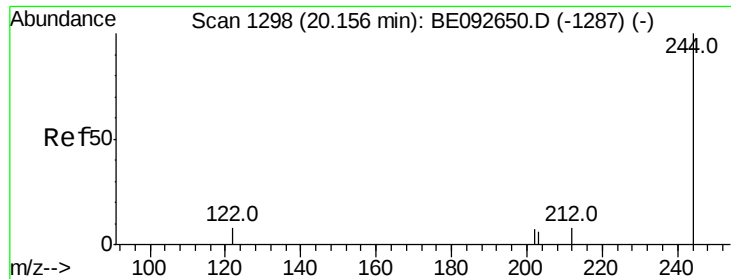


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



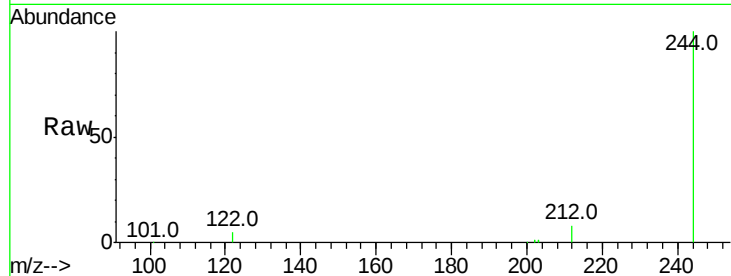


#26
 Terphenyl-d14
 Concen: 3.31 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BE092672.D
 Acq: 24 Jan 2017 19:10

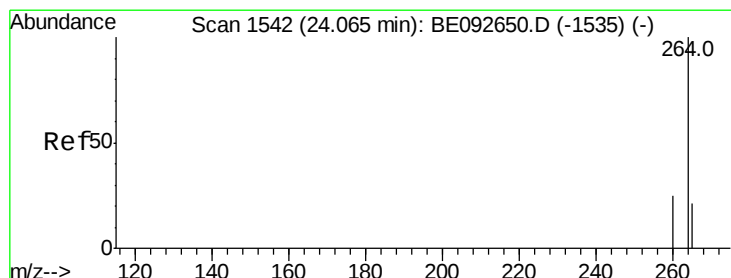
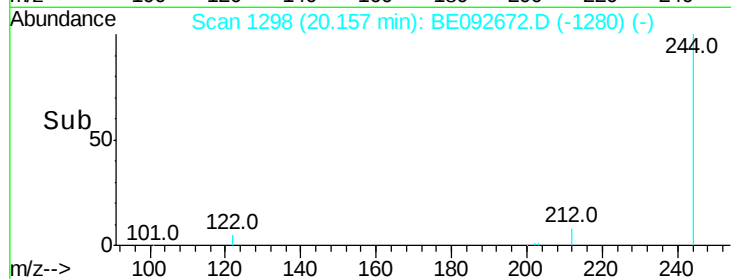
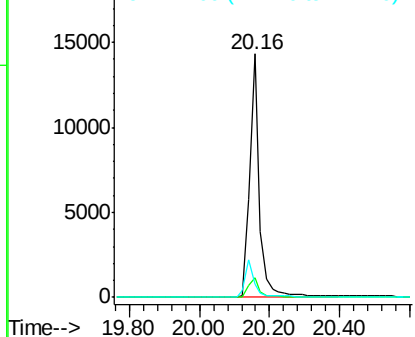
Instrument :
 BNA_E
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 PB96293BL

Tot Ion:244 Resp: 27085

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.7	10.1
122	5.2	3.6	5.4



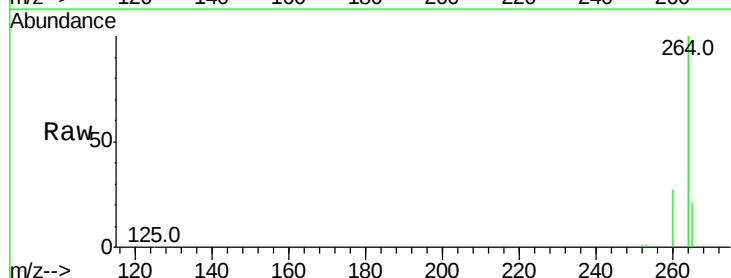
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.06 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BE092672.D
 Acq: 24 Jan 2017 19:10

Tgt Ion:264 Resp: 60269

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.1	30.1
265	21.0	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

