

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013117\
 Data File : BE092694.D
 Acq On : 31 Jan 2017 19:35
 Operator : SJ/MA
 Sample : PB96580TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB96580TB

Quant Time: Feb 01 02:53:54 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	11453	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	50006	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	30635	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	65274	5.00	ng	0.00
24) Chrysene-d12	21.72	240	71626	5.00	ng	0.00
31) Perylene-d12	24.07	264	76787	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.64	112	24234	9.48	ng	-0.01
5) Phenol-d6	7.31	99	28320	9.04	ng	-0.02
8) Nitrobenzene-d5	9.32	82	12491	3.85	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	4510	5.04	ng	0.00
14) 2-Fluorobiphenyl	13.41	172	30521	4.05	ng	-0.01
26) Terphenyl-d14	20.16	244	41829	4.13	ng	0.00

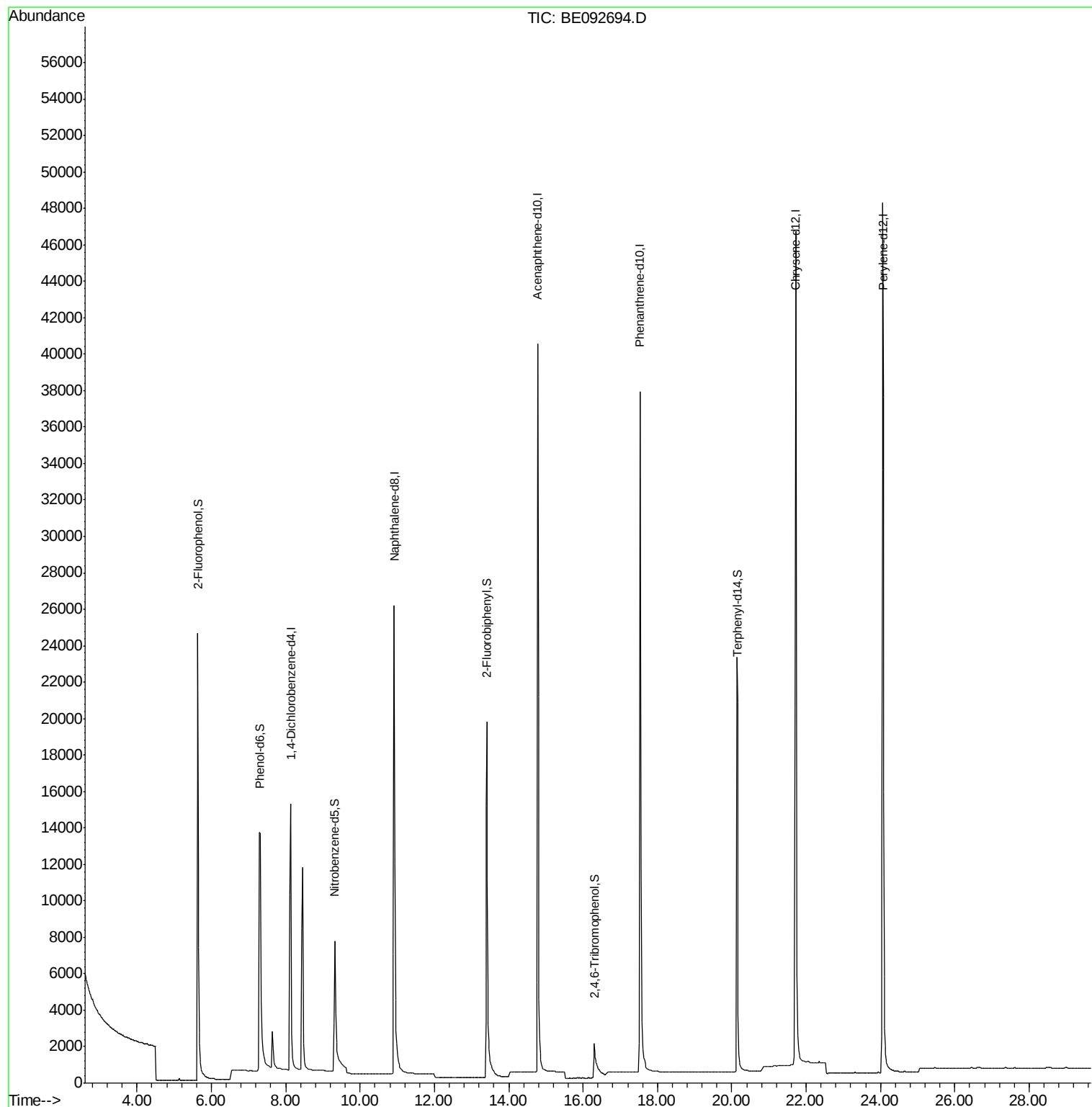
Target Compounds Qvalue

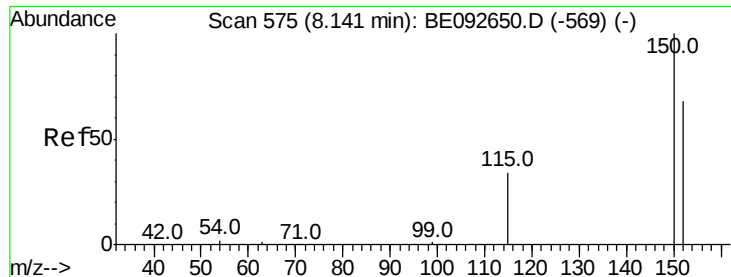
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092694.D

Acq: 31 Jan 2017 19:35

Instrument :

BNA_E

ClientSampleId :

PB96580TB

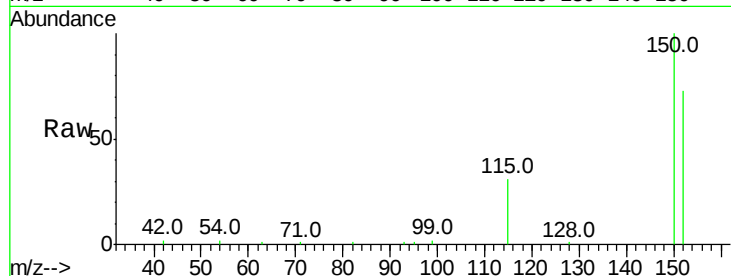
Tot Ion:152 Resp: 11453

Ion Ratio Lower Upper

152 100

150 137.5 106.0 159.0

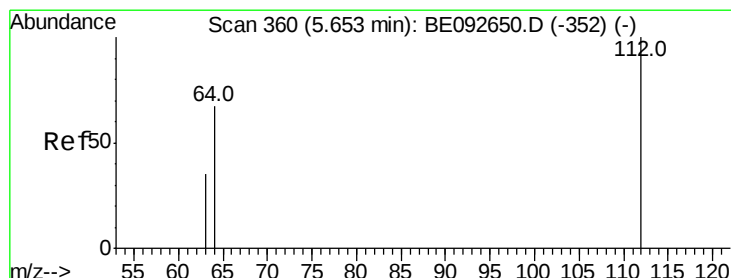
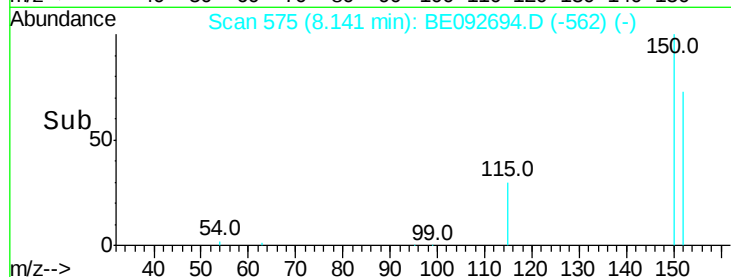
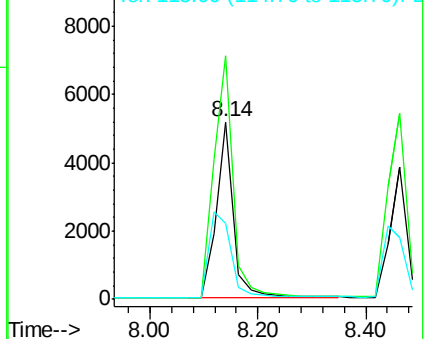
115 42.8 31.2 46.8



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: 9.48 ng

RT: 5.64 min Scan# 358

Delta R.T. -0.01 min

Lab File: BE092694.D

Acq: 31 Jan 2017 19:35

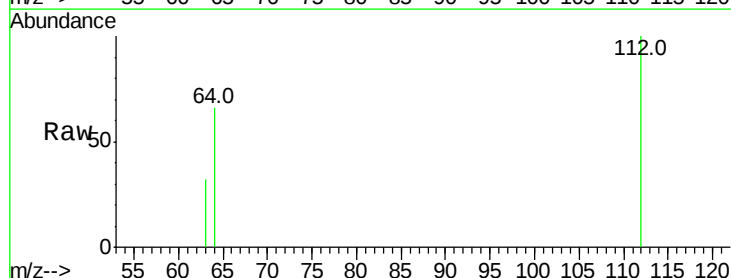
Tgt Ion:112 Resp: 24234

Ion Ratio Lower Upper

112 100

64 68.7 53.5 80.3

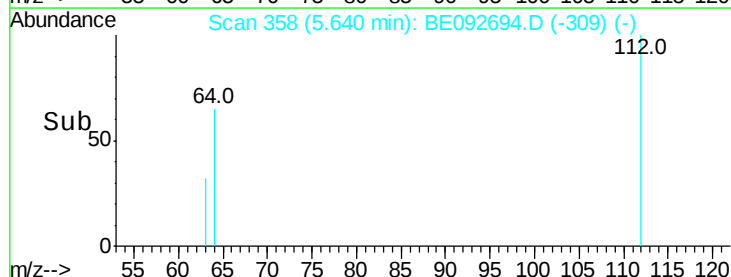
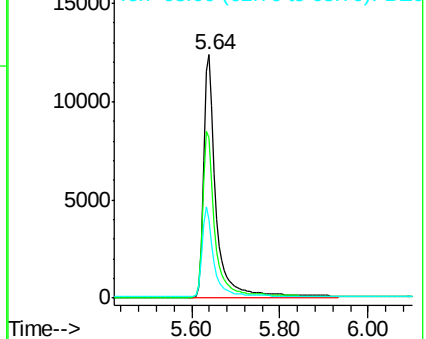
63 36.3 27.9 41.9

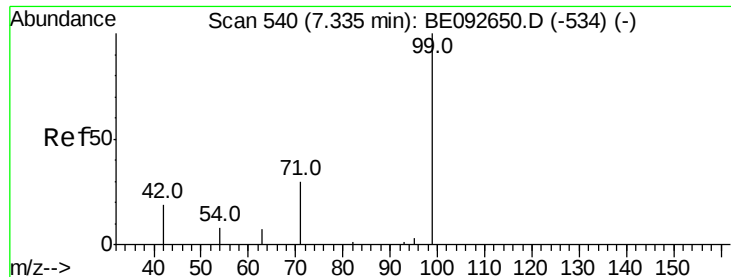


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 9.04 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092694.D

Acq: 31 Jan 2017 19:35

Instrument :

BNA_E

ClientSampleId :

PB96580TB

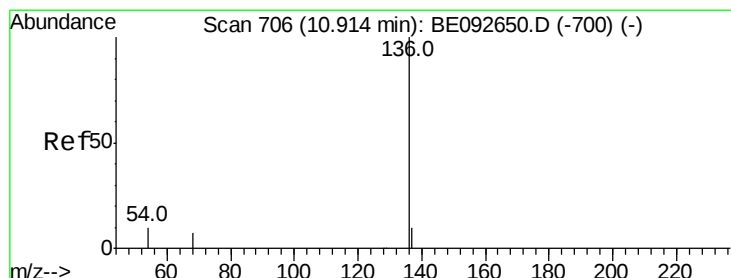
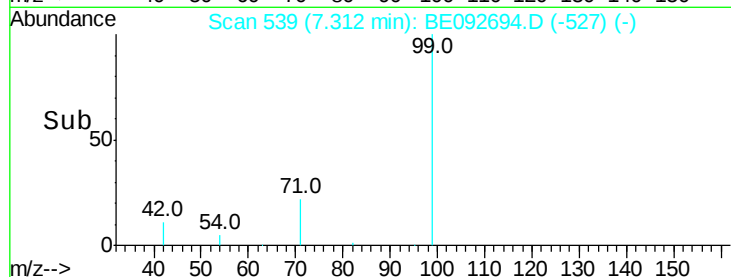
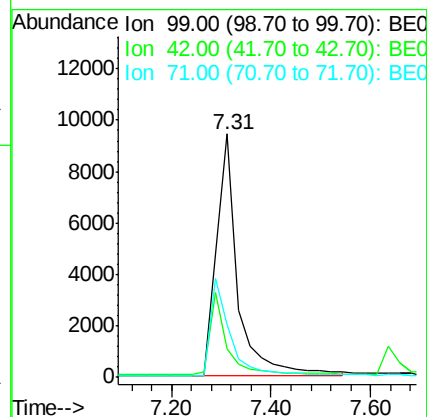
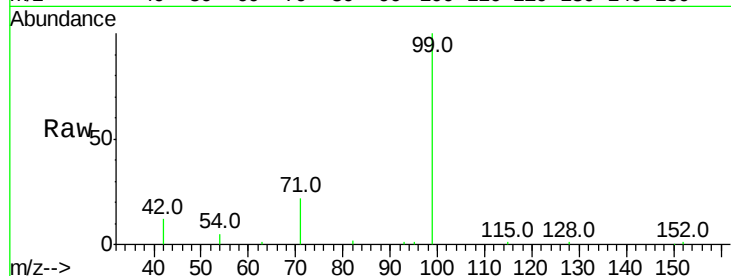
Tot Ion: 99 Resp: 28320

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

71 0.0 30.6 45.8#



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.91 min Scan# 706

Delta R.T. 0.00 min

Lab File: BE092694.D

Acq: 31 Jan 2017 19:35

Tgt Ion: 136 Resp: 50006

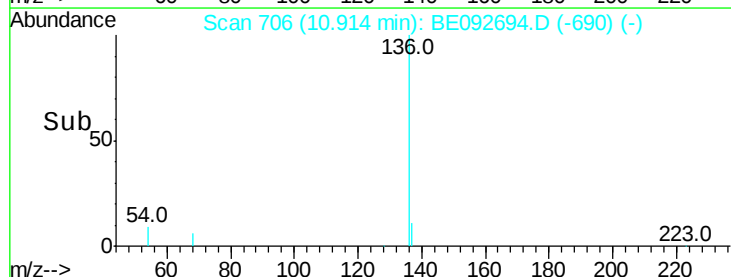
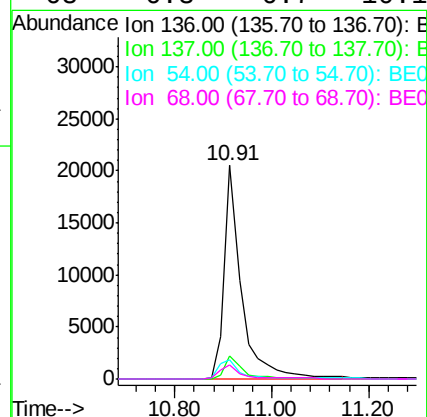
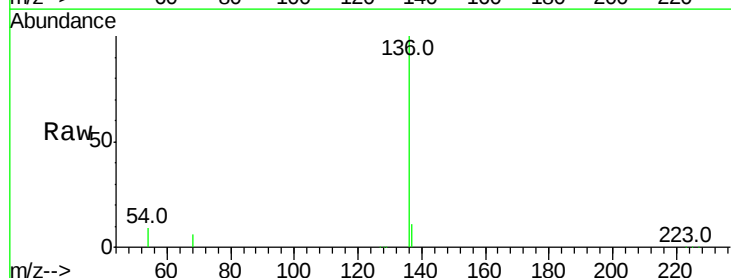
Ion Ratio Lower Upper

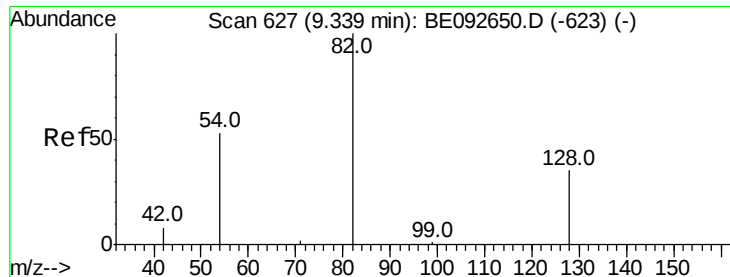
136 100

137 10.9 8.2 12.4

54 8.9 9.6 14.4#

68 6.3 6.7 10.1#





#8

Nitrobenzene-d5

Concen: 3.85 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.02 min

Lab File: BE092694.D

Acq: 31 Jan 2017 19:35

Instrument :

BNA_E

ClientSampleId :

PB96580TB

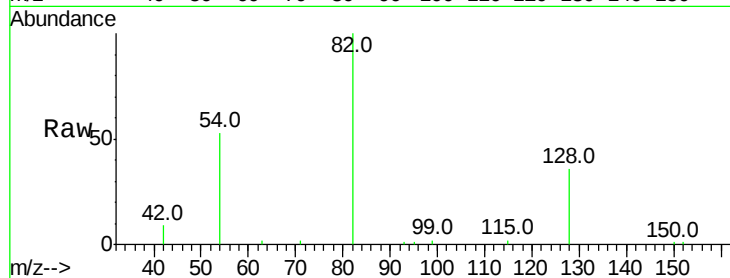
Tot Ion: 82 Resp: 12491

Ion Ratio Lower Upper

82 100

128 36.3 39.0 58.4#

54 53.5 44.8 67.2

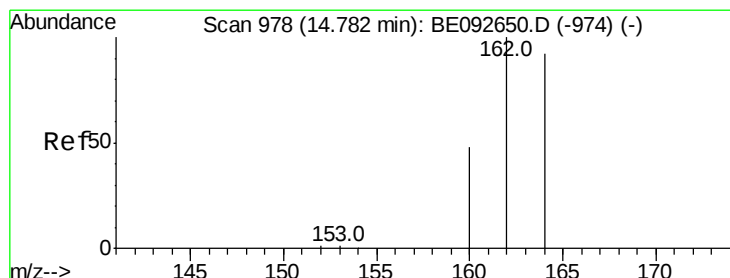
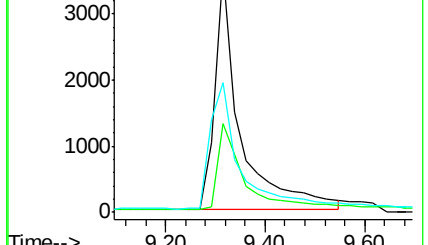
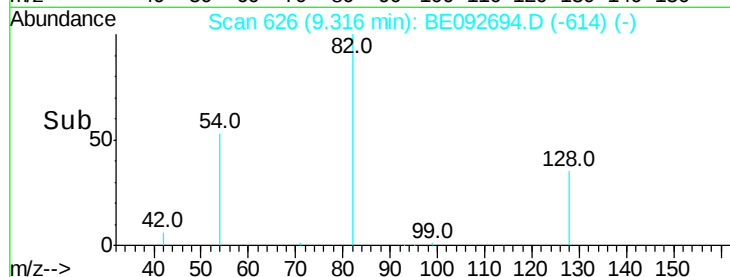


Abundance Ion 82.00 (81.70 to 82.70): BE092650.D (-623) (-)

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

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

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.78 min Scan# 978

Delta R.T. -0.00 min

Lab File: BE092694.D

Acq: 31 Jan 2017 19:35

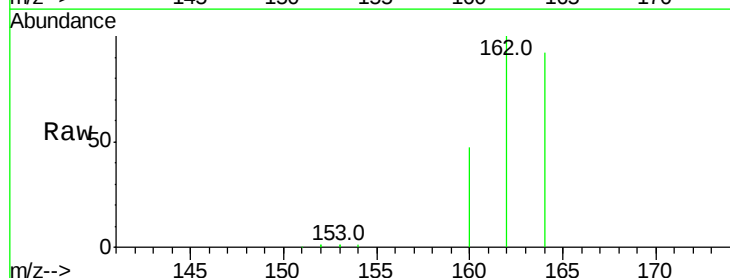
Tgt Ion: 164 Resp: 30635

Ion Ratio Lower Upper

164 100

162 108.8 71.4 107.0#

160 51.2 27.4 41.2#

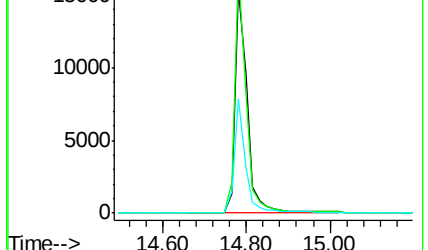
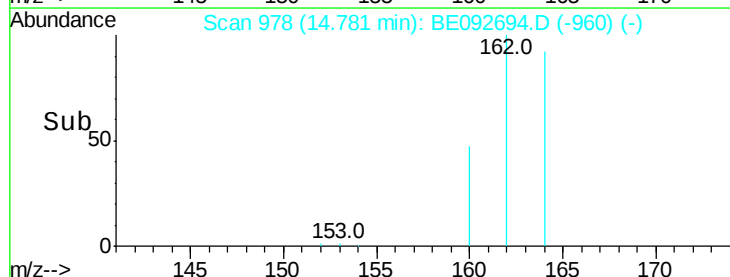


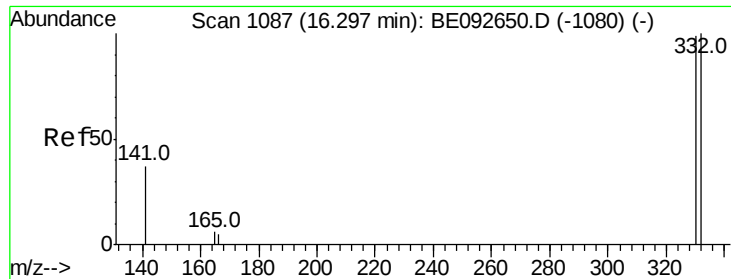
Abundance Ion 164.00 (163.70 to 164.70): BE092650.D (-974) (-)

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

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

Time-->

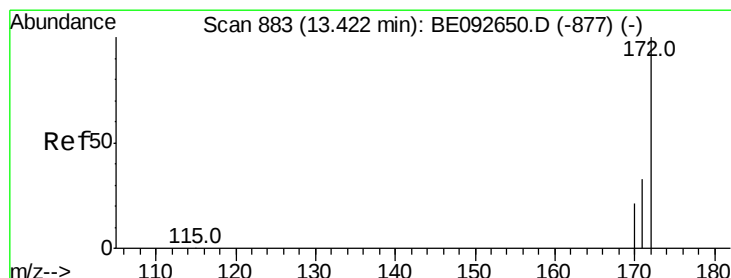
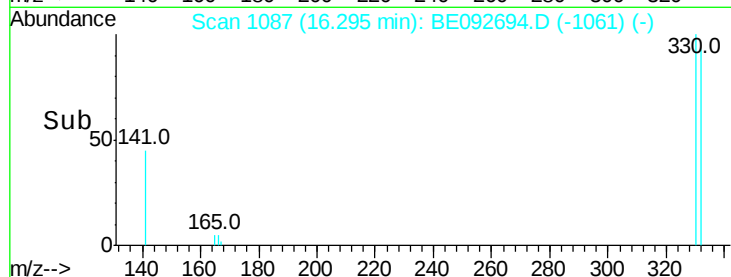
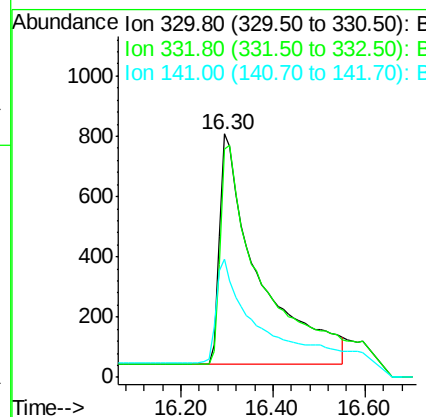
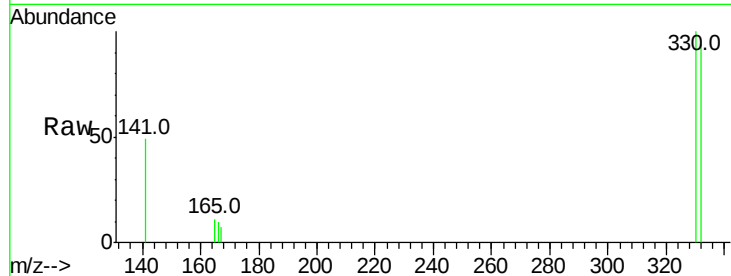




#13
 2,4,6-Tribromophenol
 Concen: 5.04 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BE092694.D
 Acq: 31 Jan 2017 19:35

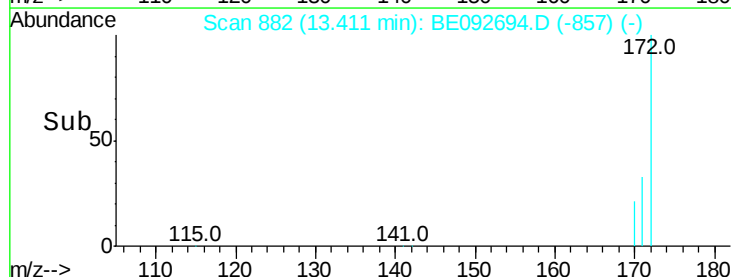
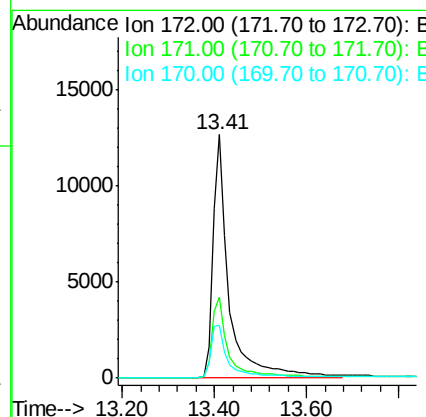
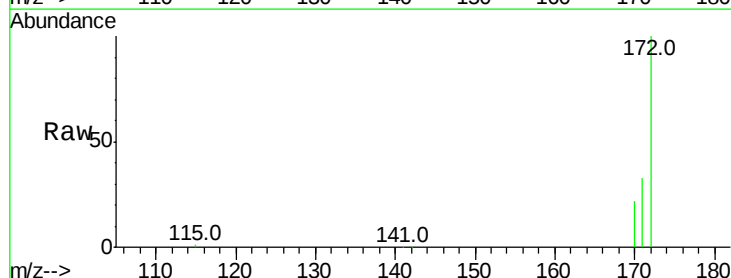
Instrument :
 BNA_E
 ClientSampleId :
 PB96580TB

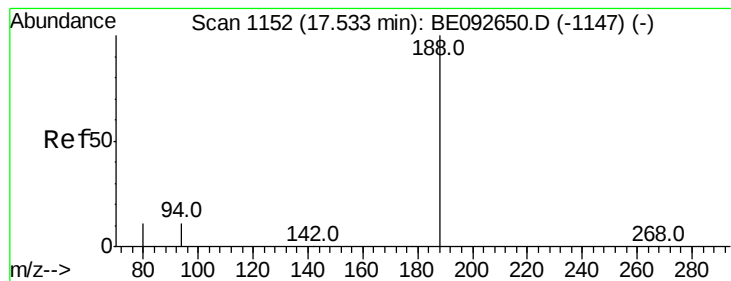
Tot Ion:330 Resp: 4510
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.4 113.0
 141 45.5 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.05 ng
 RT: 13.41 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BE092694.D
 Acq: 31 Jan 2017 19:35

Tgt Ion:172 Resp: 30521
 Ion Ratio Lower Upper
 172 100
 171 33.2 30.1 45.1
 170 21.6 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: BE092694.D

Acq: 31 Jan 2017 19:35

Instrument :

BNA_E

ClientSampleId :

PB96580TB

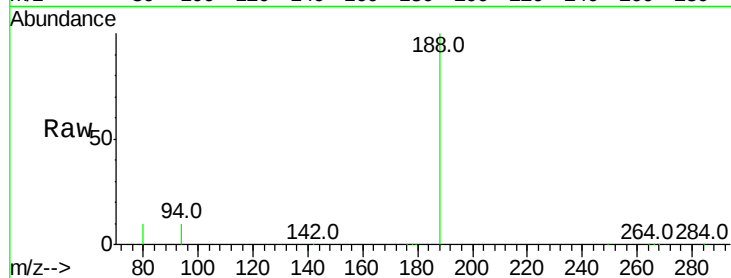
Tot Ion:188 Resp: 65274

Ion Ratio Lower Upper

188 100

94 10.3 3.2 4.8#

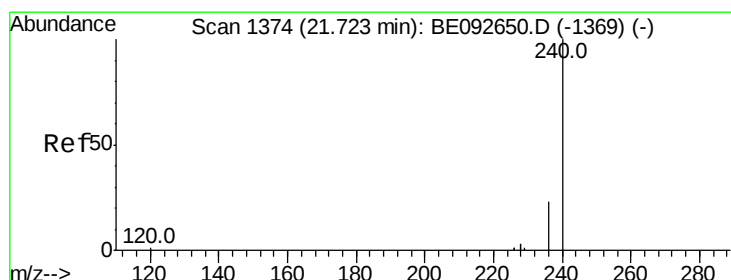
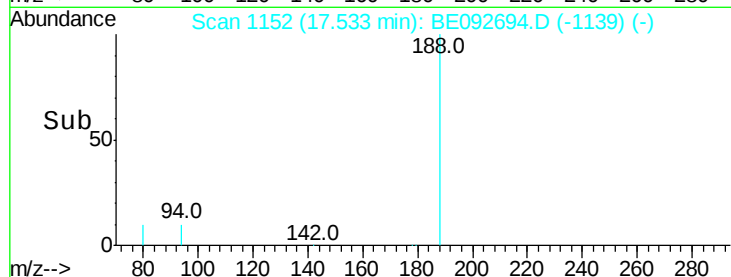
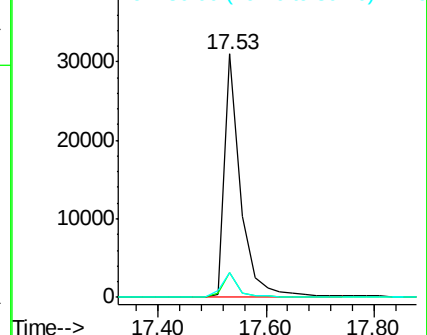
80 10.2 2.6 3.8#



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: BE092694.D

Acq: 31 Jan 2017 19:35

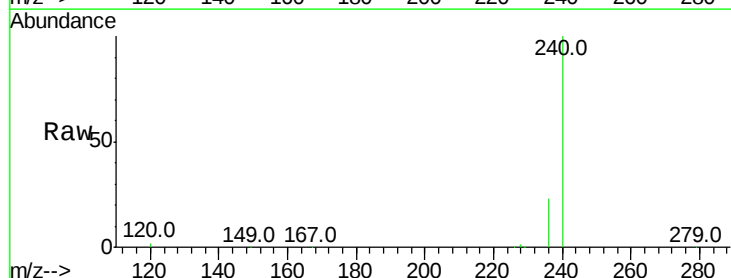
Tgt Ion:240 Resp: 71626

Ion Ratio Lower Upper

240 100

120 1.9 2.6 4.0#

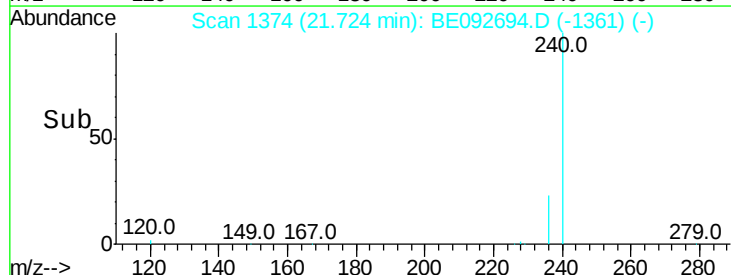
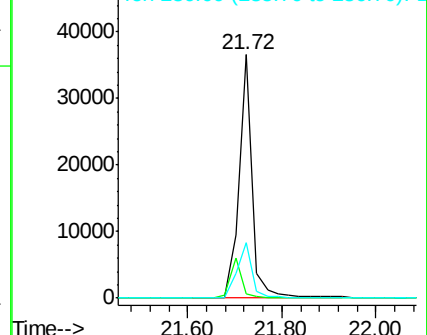
236 22.8 24.6 37.0#

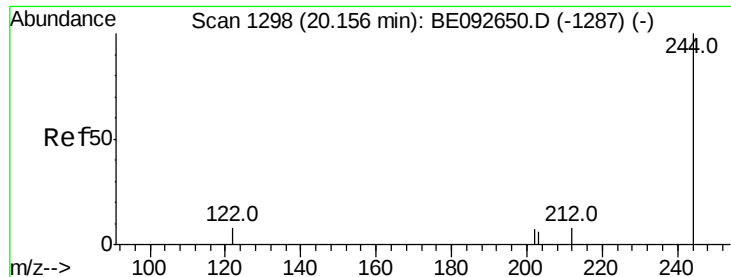


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Terphenyl-d14

Concen: 4.13 ng

RT: 20.16 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BE092694.D

Acq: 31 Jan 2017 19:35

Instrument :

BNA_E

ClientSampleId :

PB96580TB

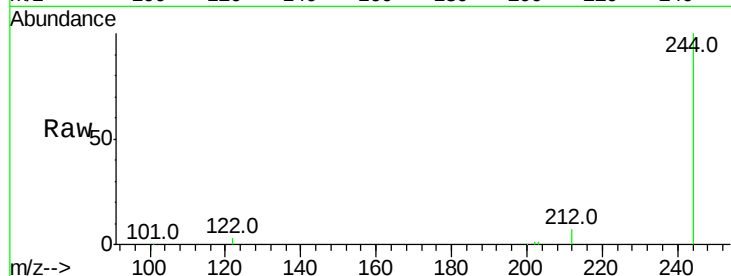
Tot Ion:244 Resp: 41829

Ion Ratio Lower Upper

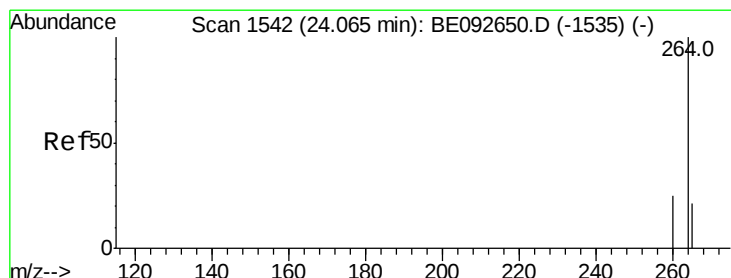
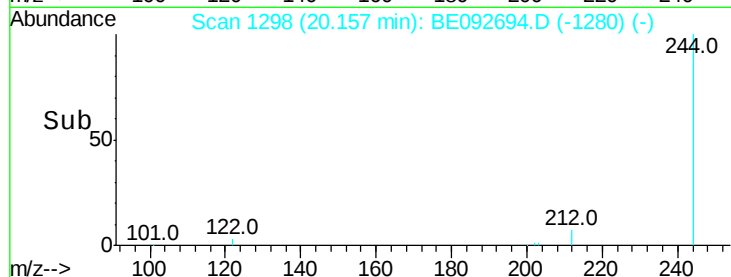
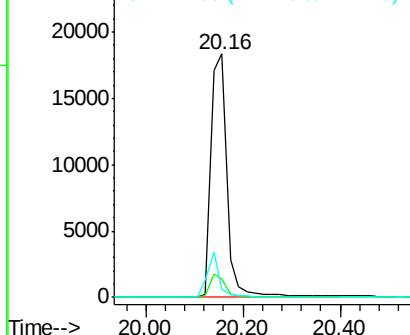
244 100

212 7.3 6.7 10.1

122 3.2 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: 24.07 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BE092694.D

Acq: 31 Jan 2017 19:35

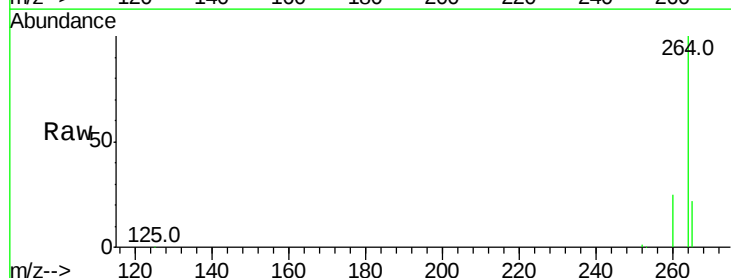
Tgt Ion:264 Resp: 76787

Ion Ratio Lower Upper

264 100

260 25.4 20.1 30.1

265 21.6 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

