

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111816\
 Data File : BE092567.D
 Acq On : 18 Nov 2016 15:42
 Operator : UM/SJ
 Sample : PB94794BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB94794BL

Quant Time: Nov 18 23:35:20 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 15:43:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9311	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	39634	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	24334	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	50143	5.00	ng	0.00
24) Chrysene-d12	21.72	240	56120	5.00	ng	0.00
31) Perylene-d12	24.08	264	56431	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	17515	11.14	ng	-0.02
5) Phenol-d6	7.31	99	22623	8.61	ng	-0.05
8) Nitrobenzene-d5	9.34	82	9992	3.90	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	4044	7.41	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	24368	4.11	ng	-0.01
26) Terphenyl-d14	20.16	244	31094	4.85	ng	-0.02

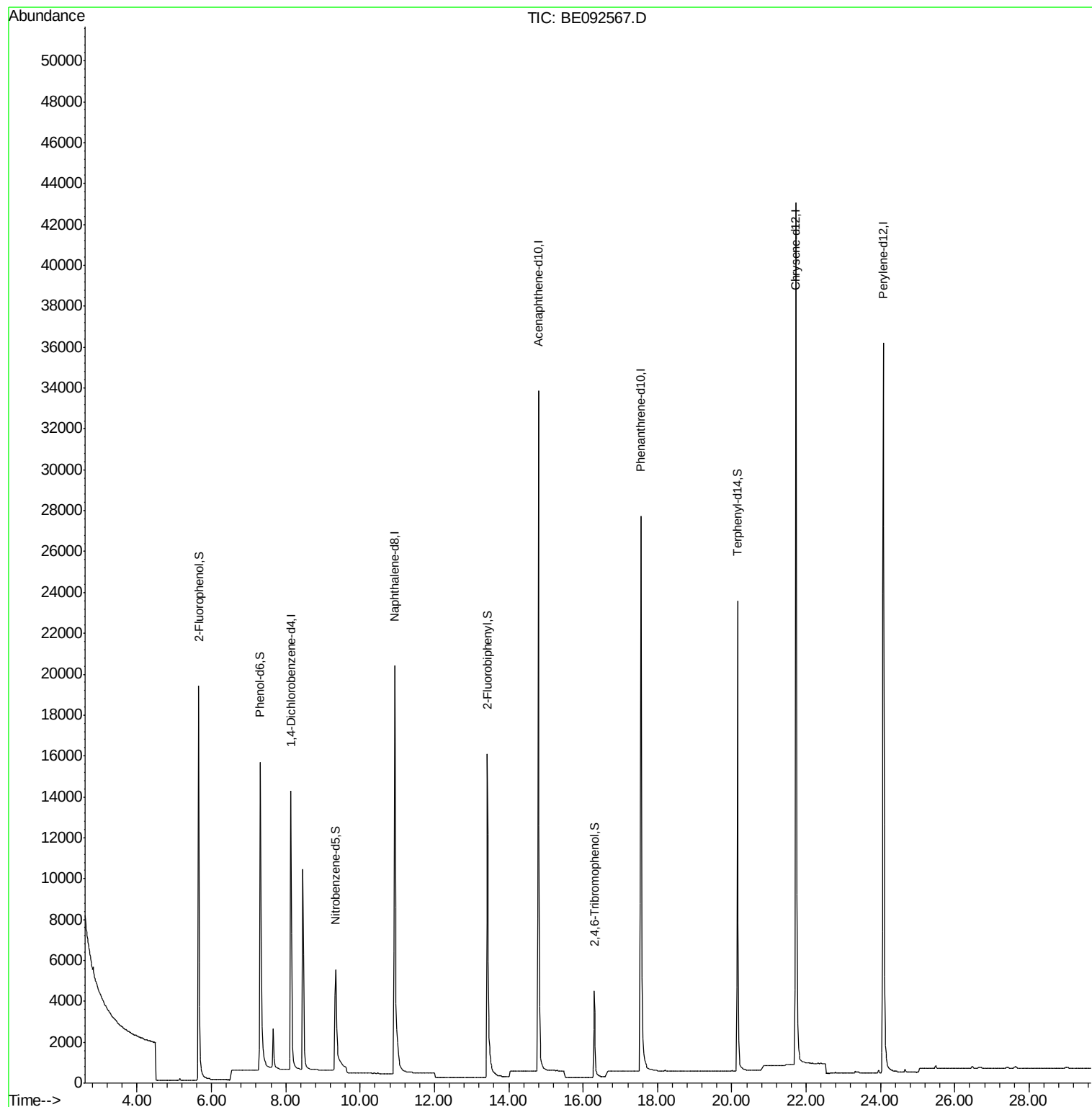
Target Compounds	Qvalue
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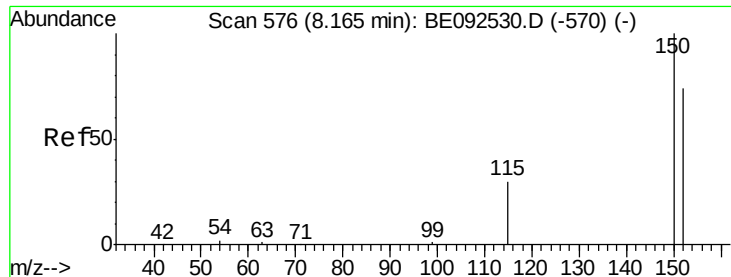
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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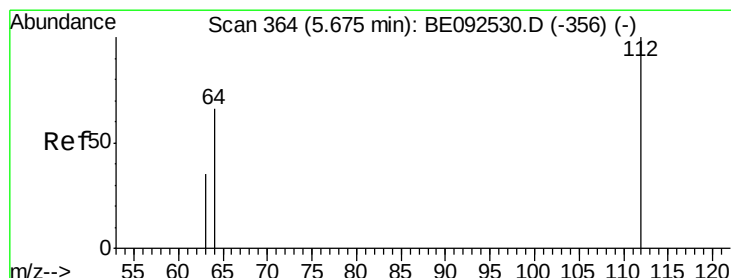
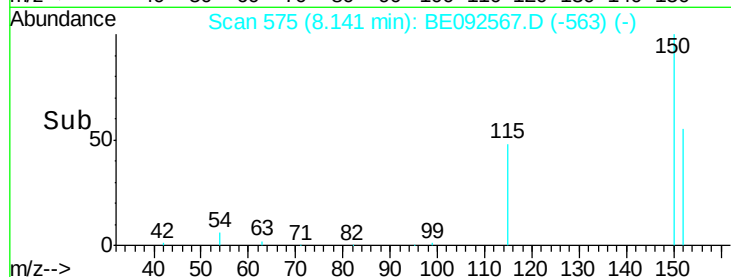
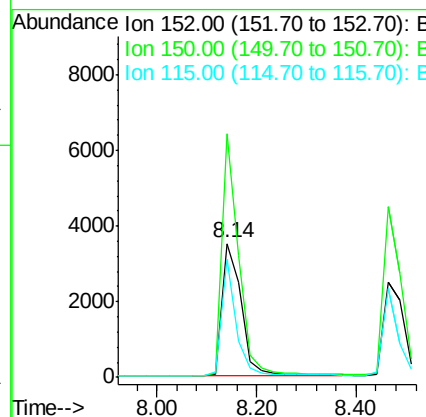
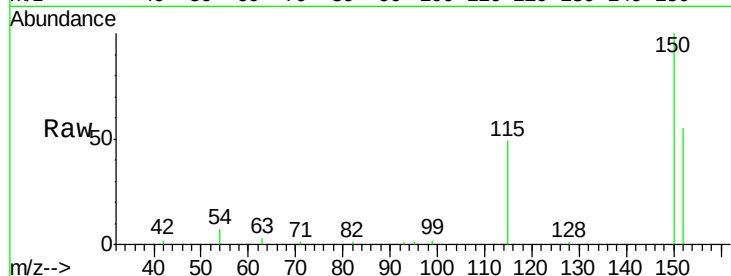




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.14 min Scan# 575
 Delta R.T. -0.02 min
 Lab File: BE092567.D
 Acq: 18 Nov 2016 15:42

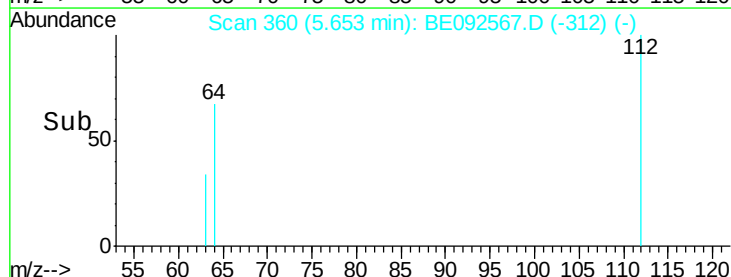
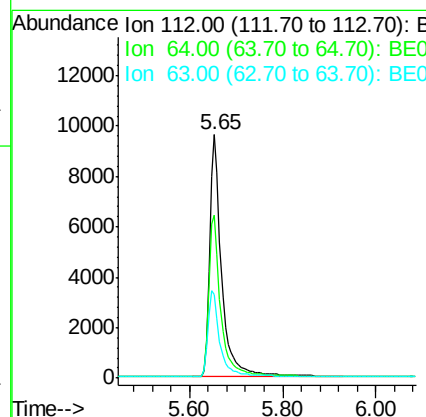
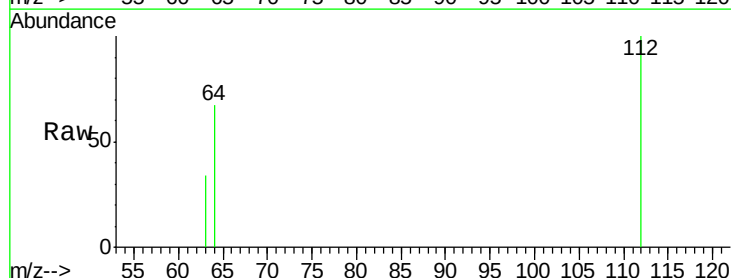
Instrument :
 BNA_E
 ClientSampleId :
 PB94794BL

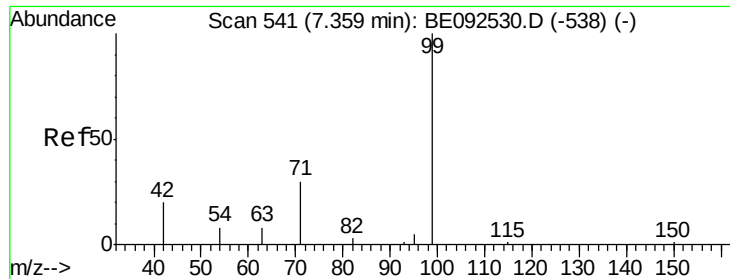
Tgt Ion:152 Resp: 9311
 Ion Ratio Lower Upper
 152 100
 150 182.2 106.0 159.0#
 115 88.5 31.2 46.8#



#4
 2-Fluorophenol
 Concen: 11.14 ng
 RT: 5.65 min Scan# 360
 Delta R.T. -0.02 min
 Lab File: BE092567.D
 Acq: 18 Nov 2016 15:42

Tgt Ion:112 Resp: 17515
 Ion Ratio Lower Upper
 112 100
 64 68.2 53.5 80.3
 63 36.7 27.9 41.9





#5

Phenol-d6

Concen: 8.61 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.05 min

Lab File: BE092567.D

Acq: 18 Nov 2016 15:42

Instrument :

BNA_E

ClientSampled :

PB94794BL

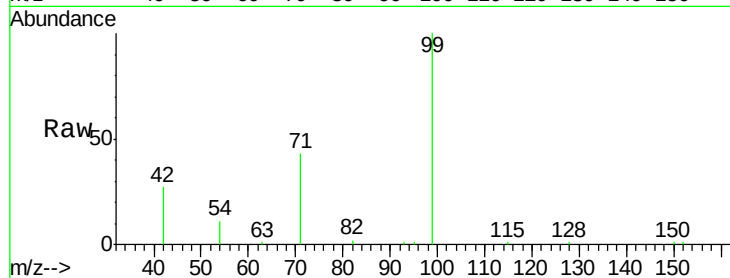
Tgt Ion: 99 Resp: 22623

Ion Ratio Lower Upper

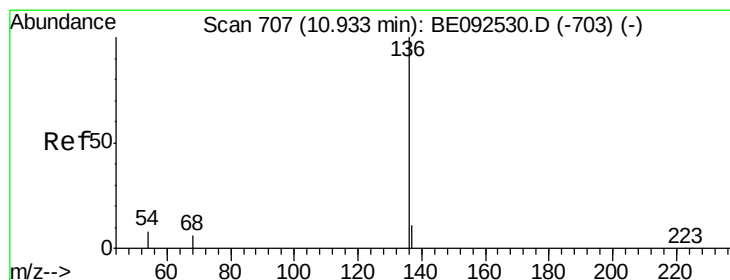
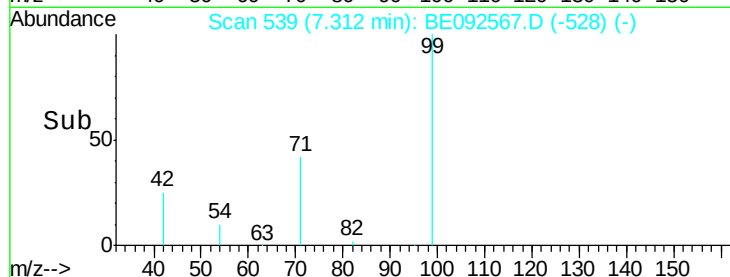
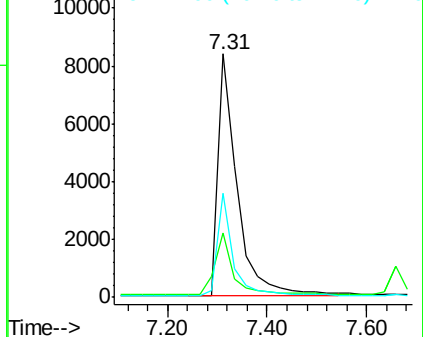
99 100

42 24.1 16.0 24.0#

71 35.0 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. -0.00 min

Lab File: BE092567.D

Acq: 18 Nov 2016 15:42

Tgt Ion: 136 Resp: 39634

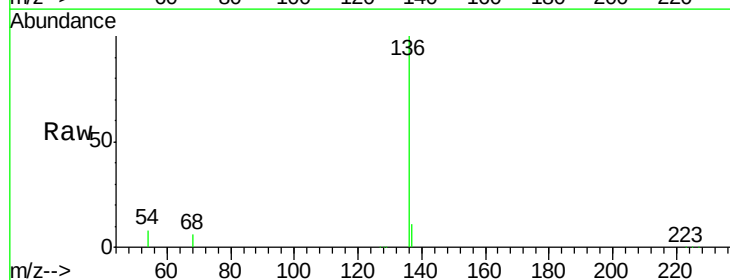
Ion Ratio Lower Upper

136 100

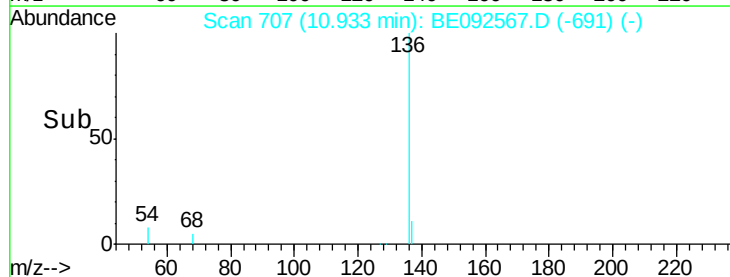
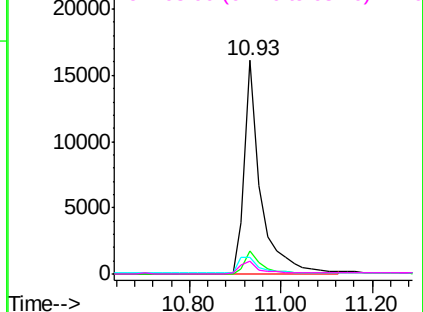
137 11.1 8.2 12.4

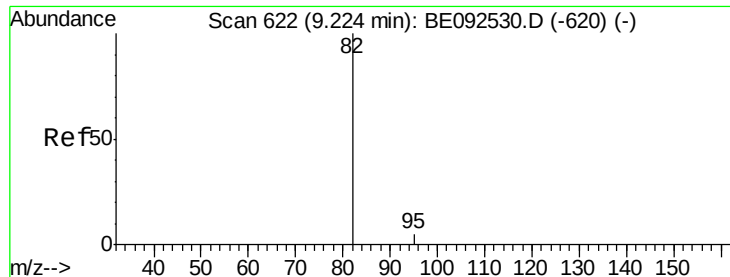
54 8.0 9.6 14.4#

68 5.8 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: 3.90 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092567.D

Acq: 18 Nov 2016 15:42

Instrument :

BNA_E

ClientSampleId :

PB94794BL

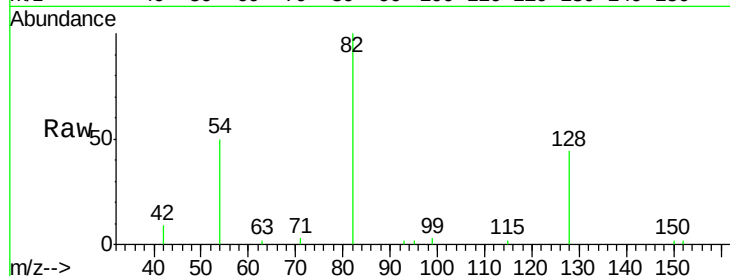
Tgt Ion: 82 Resp: 9992

Ion Ratio Lower Upper

82 100

128 44.4 39.0 58.4

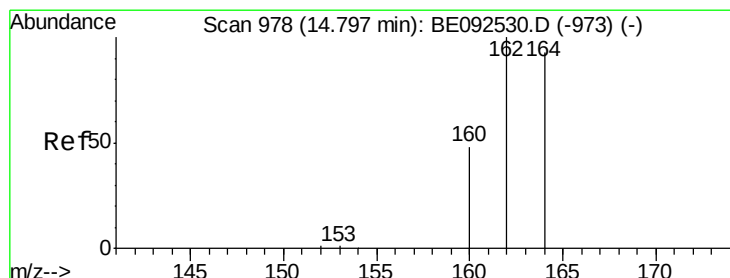
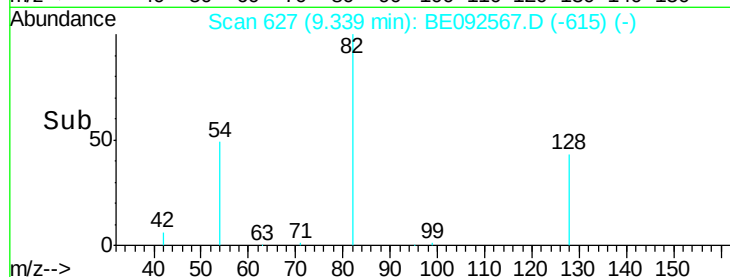
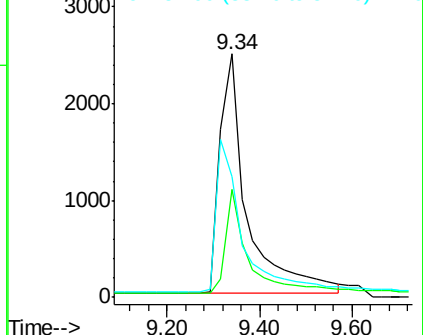
54 49.9 44.8 67.2



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: BE092567.D

Acq: 18 Nov 2016 15:42

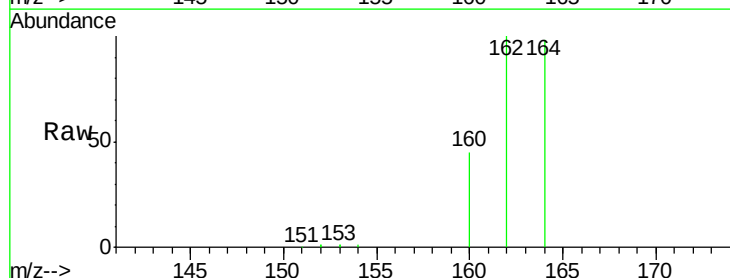
Tgt Ion: 164 Resp: 24334

Ion Ratio Lower Upper

164 100

162 102.2 71.4 107.0

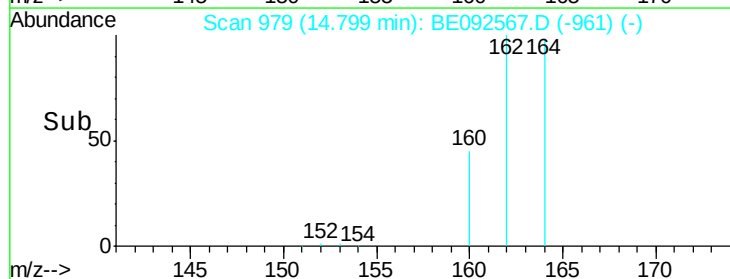
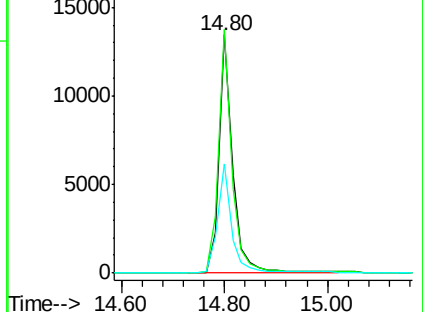
160 45.8 27.4 41.2

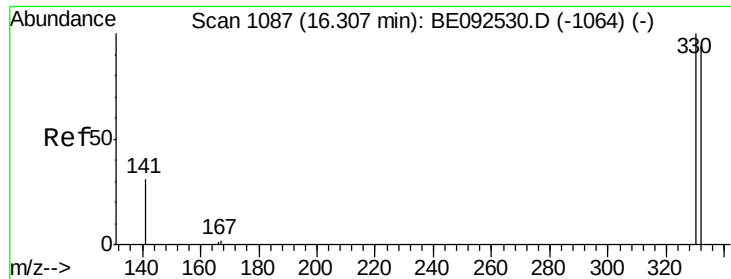


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

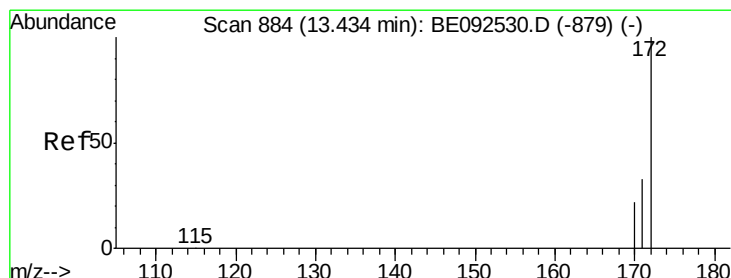
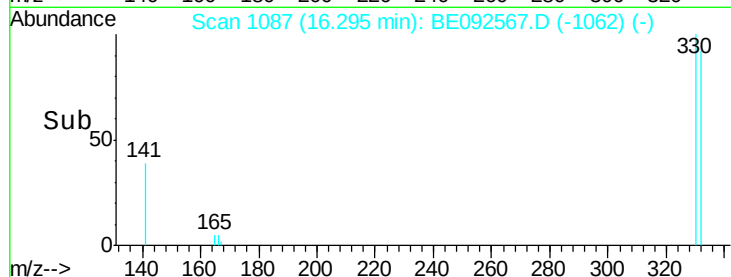
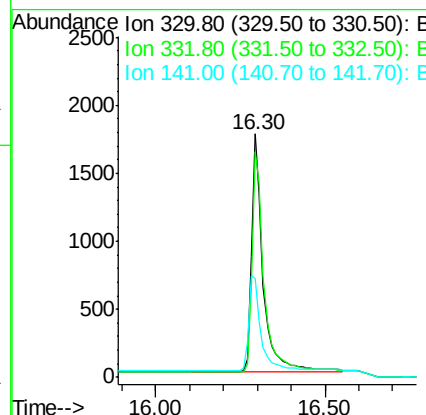
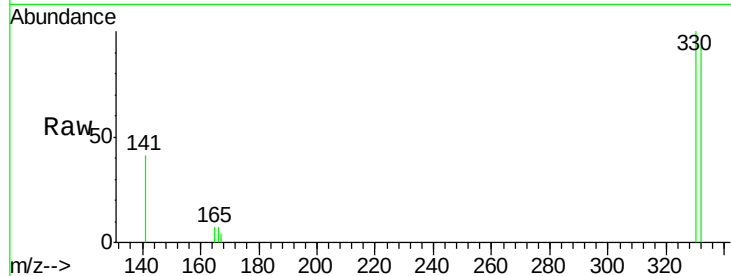




#13
 2,4,6-Tribromophenol
 Concen: 7.41 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092567.D
 Acq: 18 Nov 2016 15:42

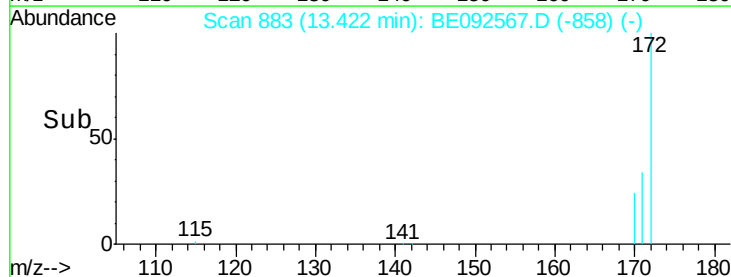
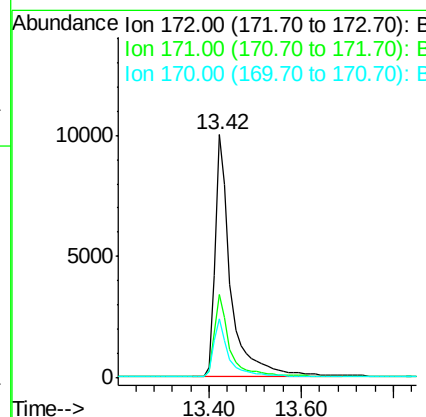
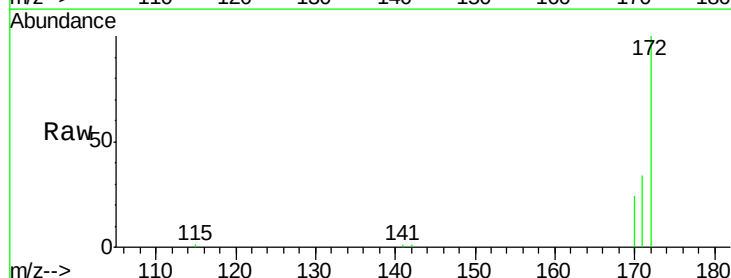
Instrument :
 BNA_E
 ClientSampleId :
 PB94794BL

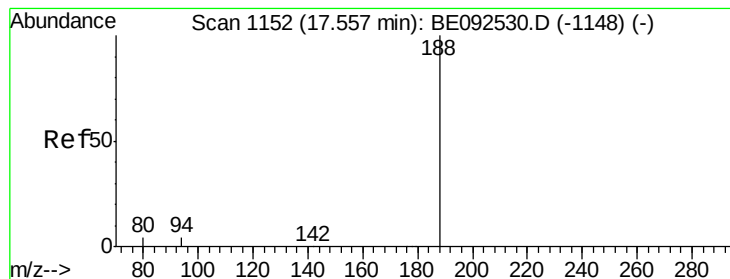
Tgt Ion: 330 Resp: 4044
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.0
 141 43.8 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.11 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092567.D
 Acq: 18 Nov 2016 15:42

Tgt Ion: 172 Resp: 24368
 Ion Ratio Lower Upper
 172 100
 171 34.5 30.1 45.1
 170 24.2 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: BE092567.D

Acq: 18 Nov 2016 15:42

Instrument :

BNA_E

ClientSampleId :

PB94794BL

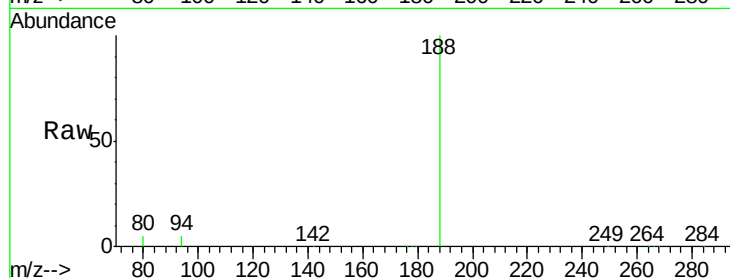
Tgt Ion:188 Resp: 50143

Ion Ratio Lower Upper

188 100

94 5.4 3.2 4.8#

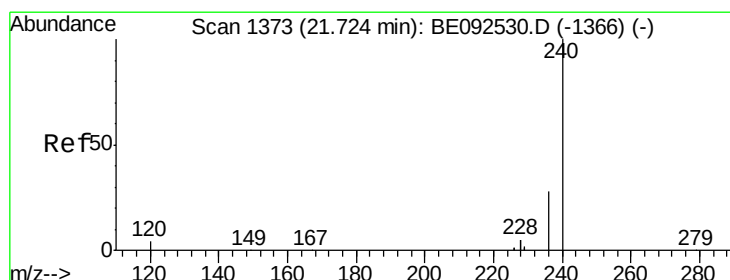
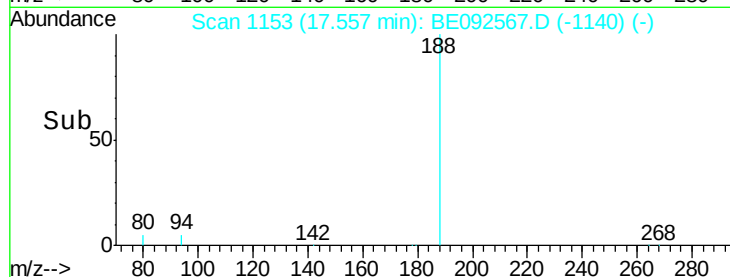
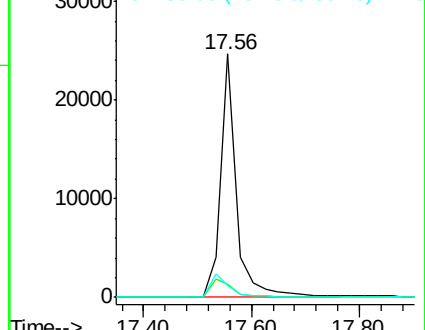
80 4.9 2.6 3.8#



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: BE092567.D

Acq: 18 Nov 2016 15:42

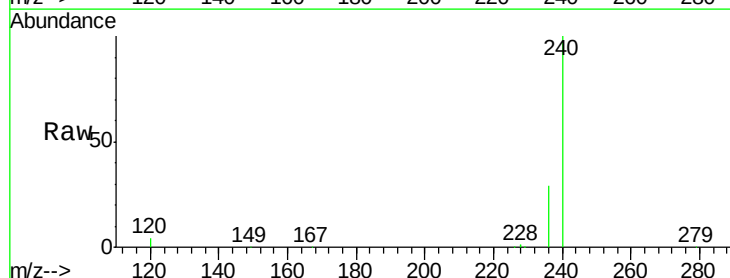
Tgt Ion:240 Resp: 56120

Ion Ratio Lower Upper

240 100

120 4.3 2.6 4.0#

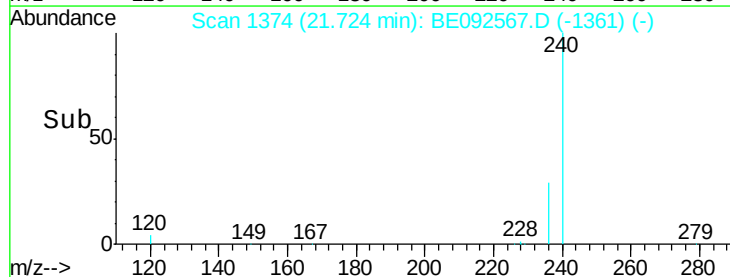
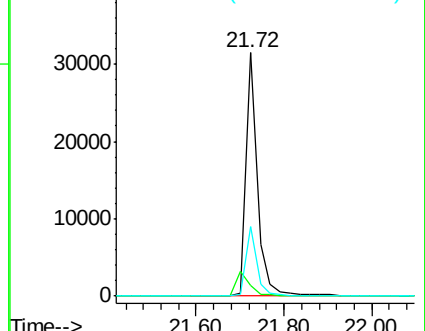
236 28.7 24.6 37.0

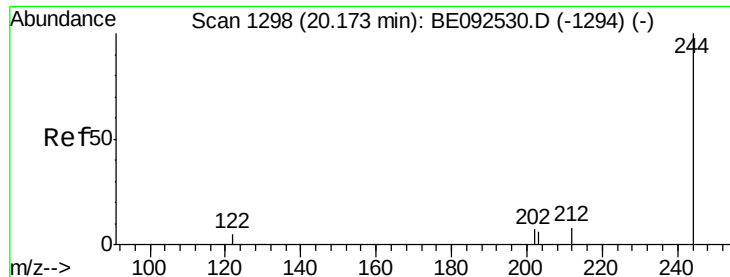


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

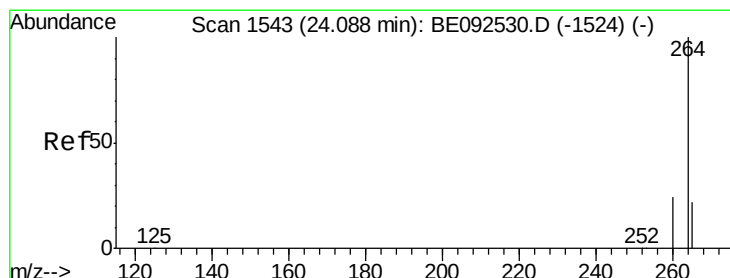
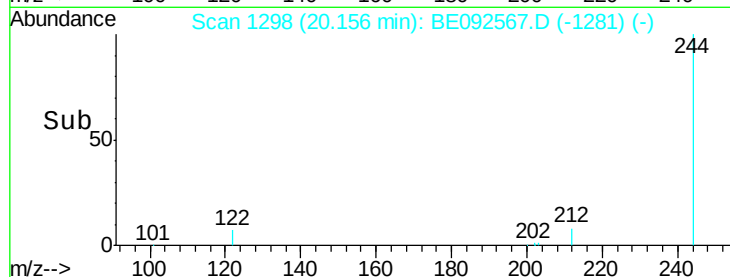
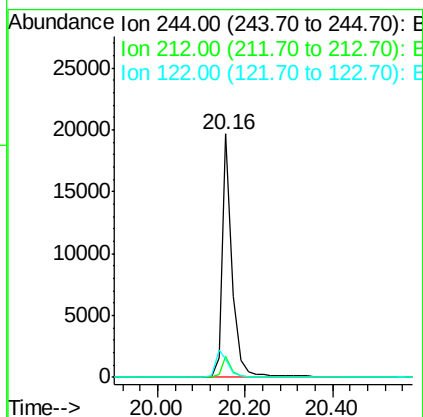
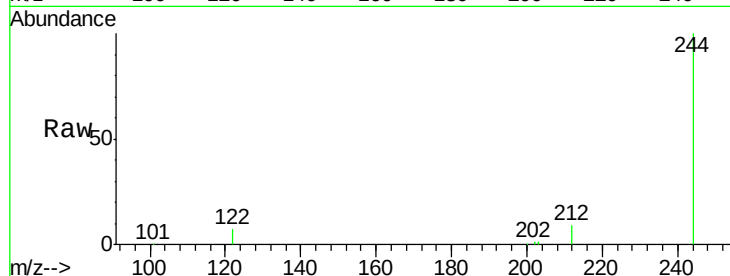




#26
 Terphenyl-d14
 Concen: 4.85 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BE092567.D
 Acq: 18 Nov 2016 15:42

Instrument :
 BNA_E
 ClientSampled :
 PB94794BL

Tgt Ion: 244 Resp: 31094
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.7 10.1
 122 7.3 3.6 5.4#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.08 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BE092567.D
 Acq: 18 Nov 2016 15:42

Tgt Ion: 264 Resp: 56431
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.1 30.1
 265 21.4 17.9 26.9

