

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112316\
 Data File : BE092575.D
 Acq On : 23 Nov 2016 12:18
 Operator : UM/SJ
 Sample : PB94794BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB94794BL

Quant Time: Nov 23 16:05:31 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	9330	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	39226	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	24211	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	50713	5.00	ng	0.00
24) Chrysene-d12	21.72	240	59821	5.00	ng	0.00
31) Perylene-d12	24.08	264	58852	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	15897	10.09	ng	-0.02
5) Phenol-d6	7.31	99	20763	7.90	ng	-0.04
8) Nitrobenzene-d5	9.34	82	9086	3.59	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	3440	6.33	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	22622	3.83	ng	-0.01
26) Terphenyl-d14	20.16	244	29315	4.29	ng	-0.02

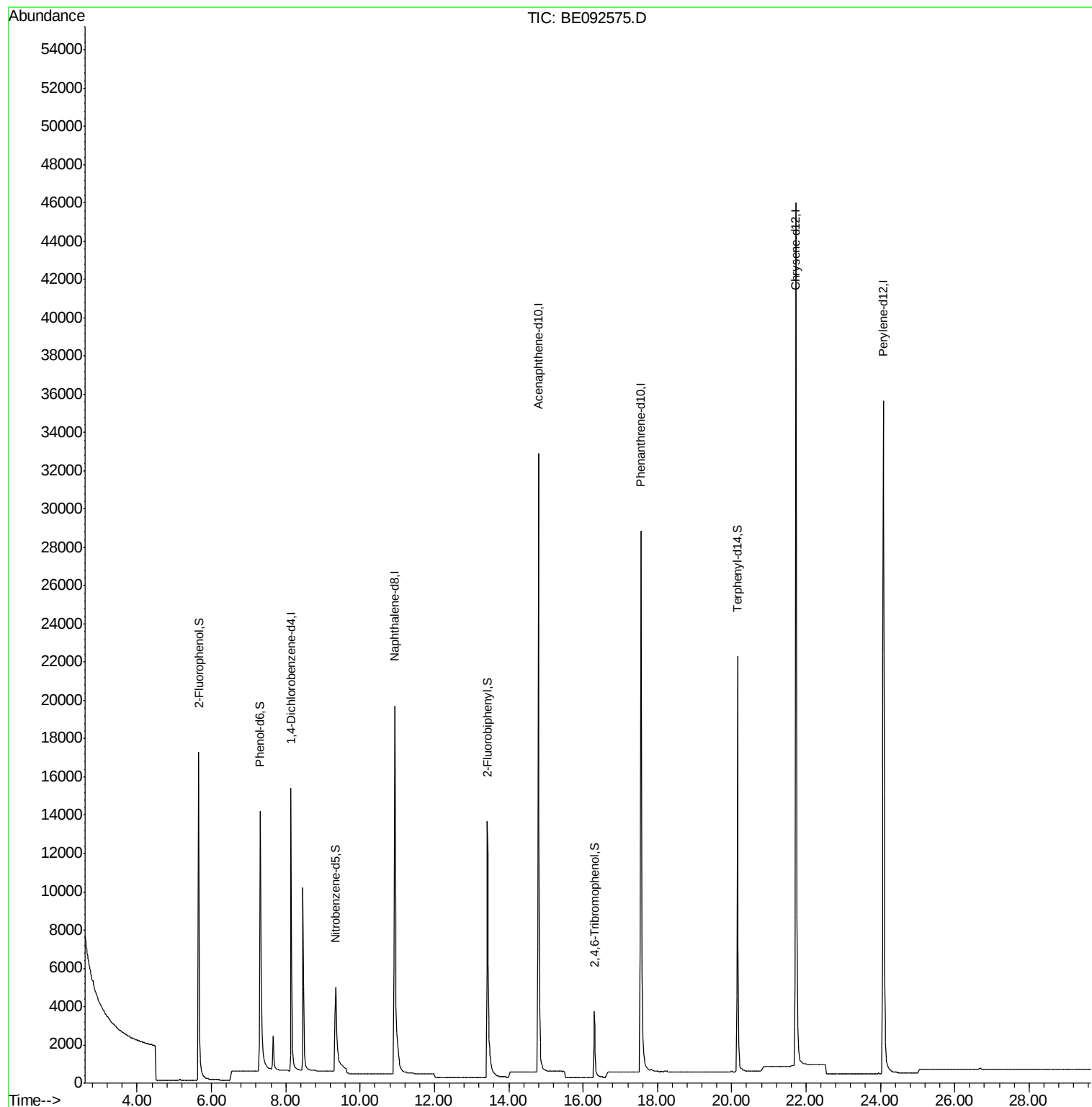
Target Compounds	Qvalue
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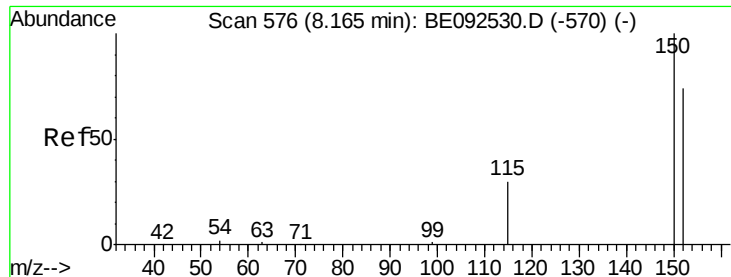
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092575.D

Acq: 23 Nov 2016 12:18

Instrument :

BNA_E

ClientSampleId :

PB94794BL

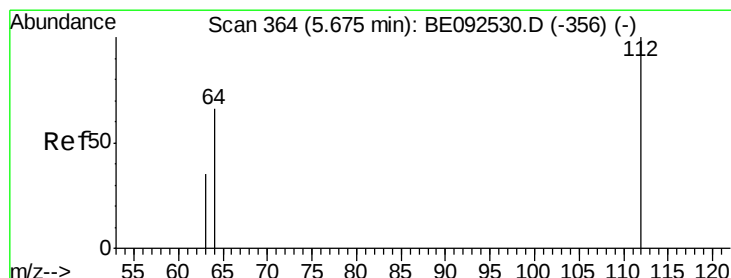
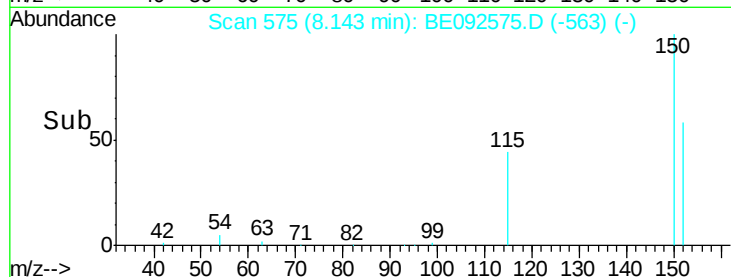
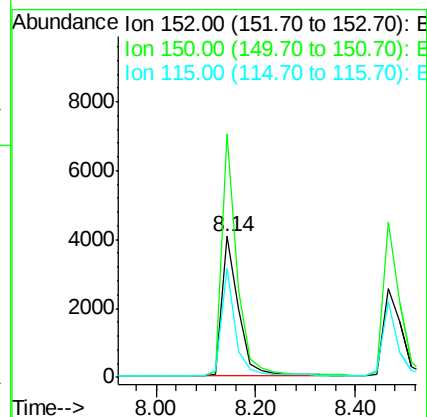
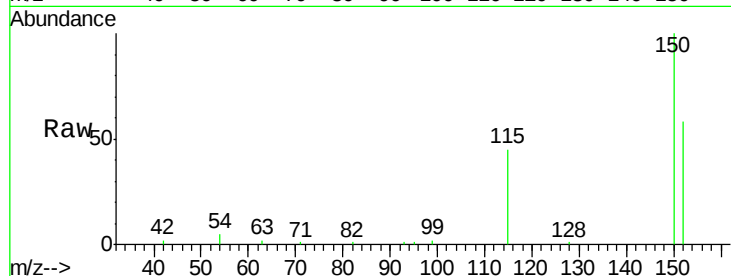
Tgt Ion:152 Resp: 9330

Ion Ratio Lower Upper

152 100

150 172.9 106.0 159.0#

115 77.3 31.2 46.8#



#4

2-Fluorophenol

Concen: 10.09 ng

RT: 5.65 min Scan# 360

Delta R.T. -0.02 min

Lab File: BE092575.D

Acq: 23 Nov 2016 12:18

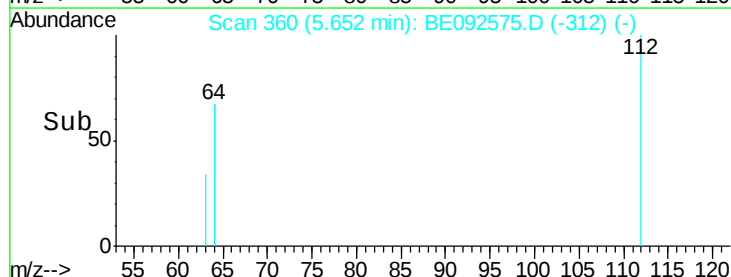
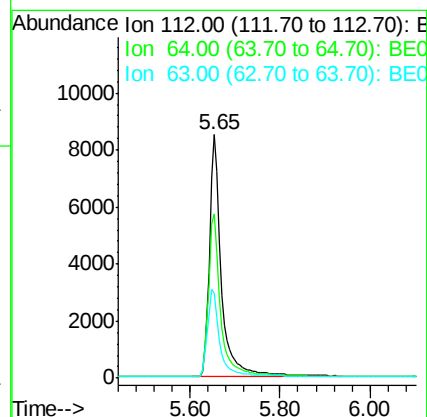
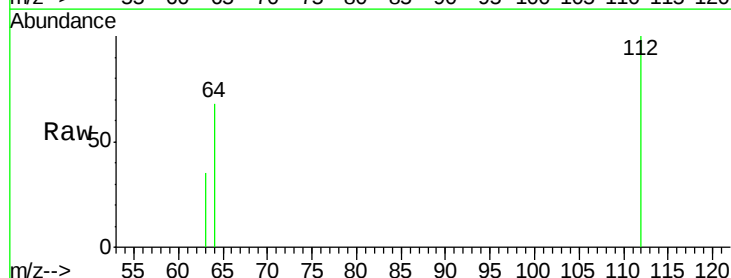
Tgt Ion:112 Resp: 15897

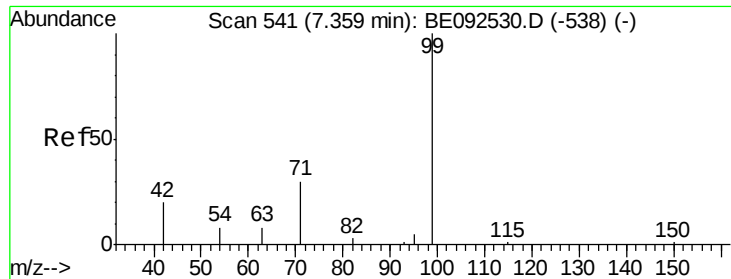
Ion Ratio Lower Upper

112 100

64 68.7 53.5 80.3

63 36.9 27.9 41.9





#5

Phenol-d6

Concen: 7.90 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.04 min

Lab File: BE092575.D

Acq: 23 Nov 2016 12:18

Instrument :

BNA_E

ClientSampled :

PB94794BL

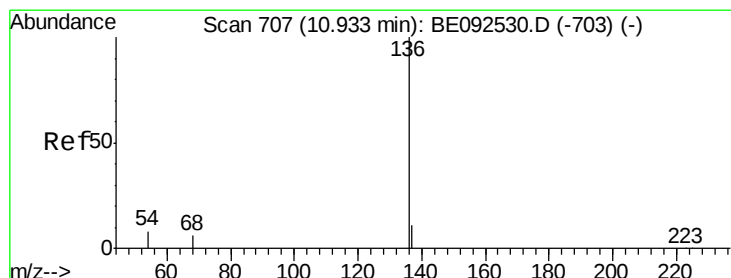
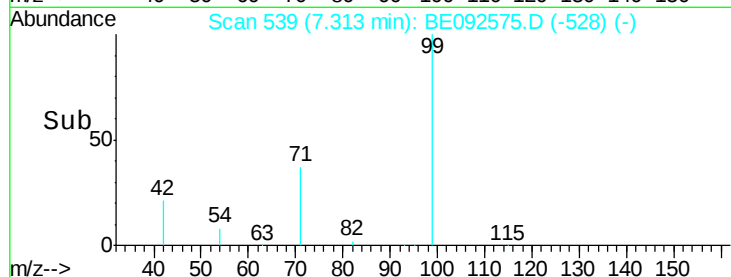
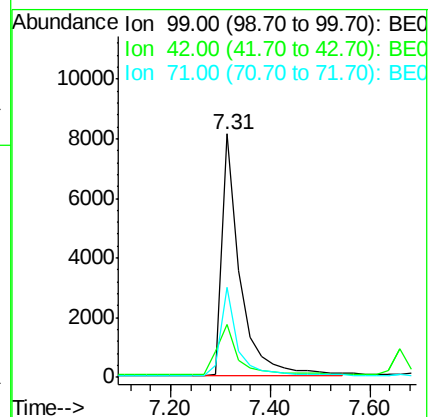
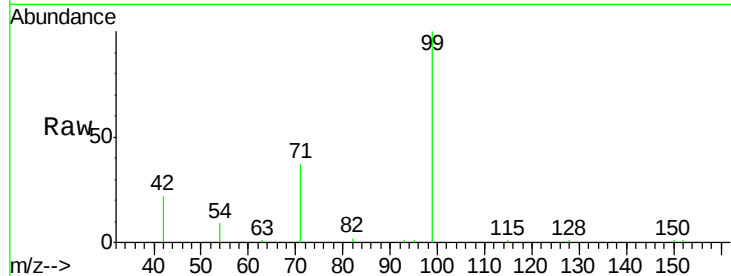
Tgt Ion: 99 Resp: 20763

Ion Ratio Lower Upper

99 100

42 23.8 16.0 24.0

71 34.1 30.6 45.8



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092575.D

Acq: 23 Nov 2016 12:18

Tgt Ion: 136 Resp: 39226

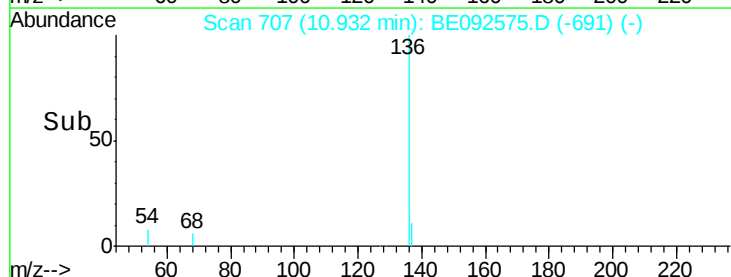
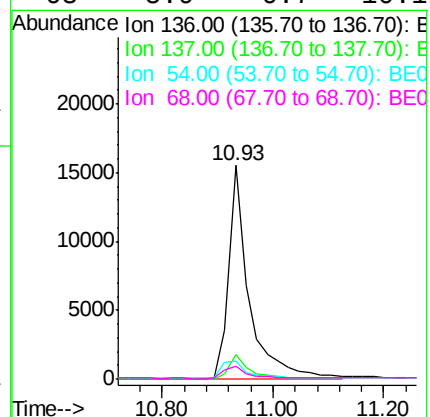
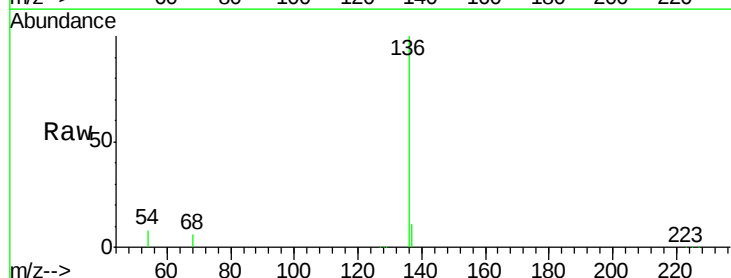
Ion Ratio Lower Upper

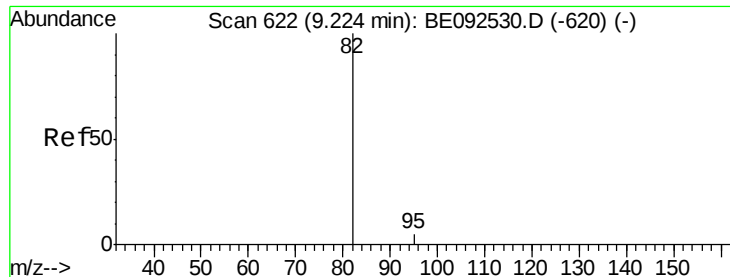
136 100

137 11.1 8.2 12.4

54 8.3 9.6 14.4#

68 5.9 6.7 10.1#





#8

Nitrobenzene-d5

Concen: 3.59 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092575.D

Acq: 23 Nov 2016 12:18

Instrument :

BNA_E

ClientSampleId :

PB94794BL

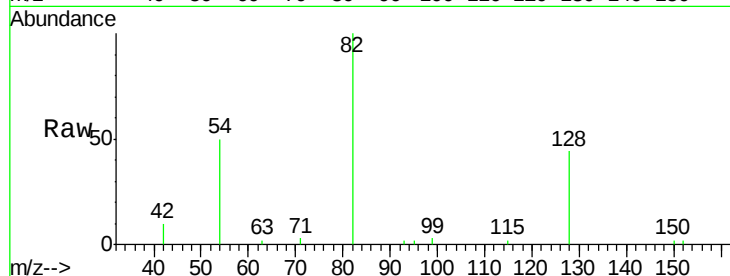
Tgt Ion: 82 Resp: 9086

Ion Ratio Lower Upper

82 100

128 43.8 39.0 58.4

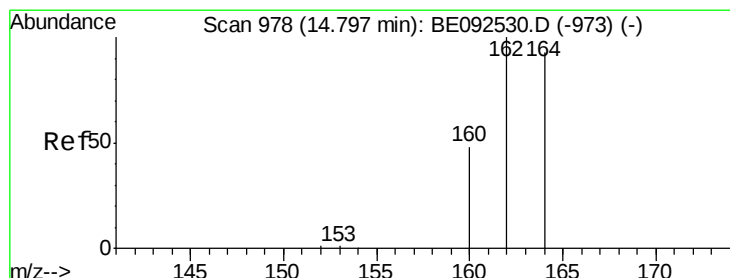
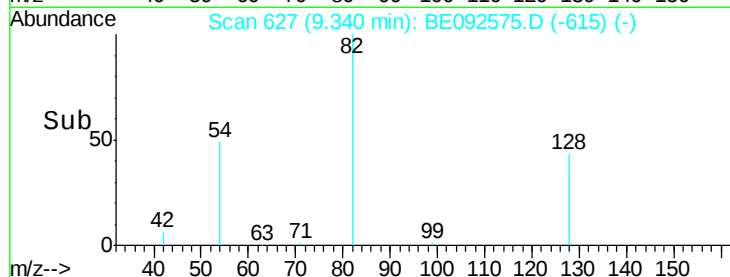
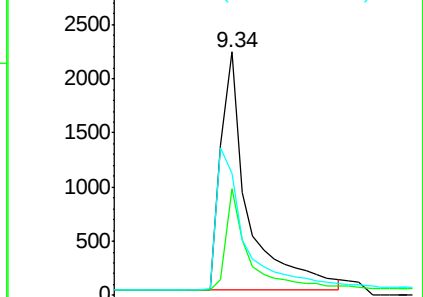
54 50.4 44.8 67.2



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: BE092575.D

Acq: 23 Nov 2016 12:18

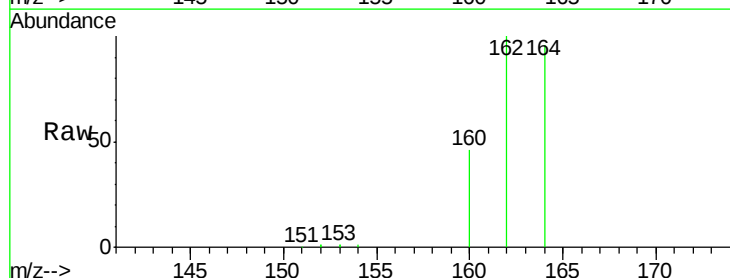
Tgt Ion: 164 Resp: 24211

Ion Ratio Lower Upper

164 100

162 103.7 71.4 107.0

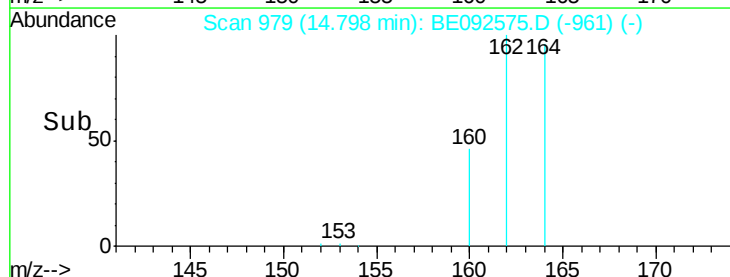
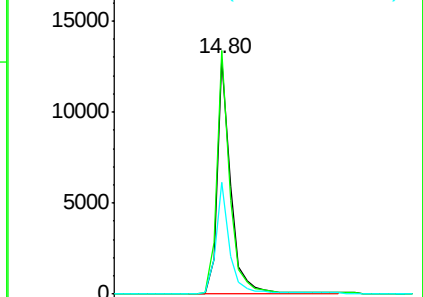
160 47.6 27.4 41.2#

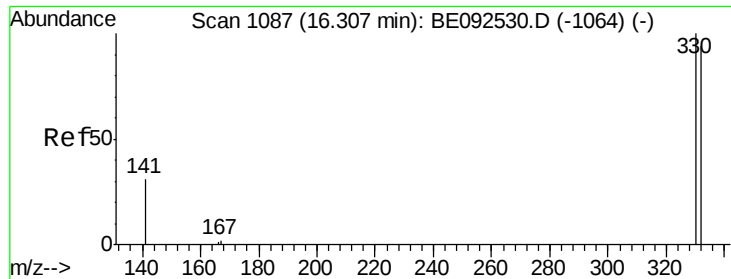


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

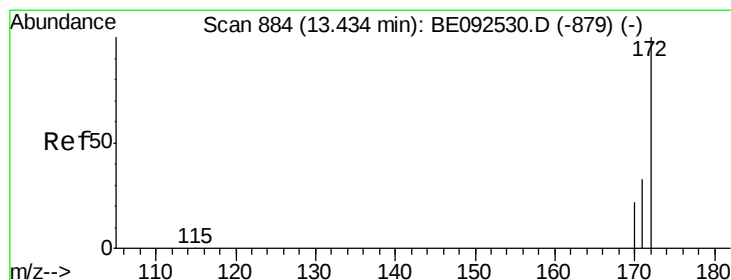
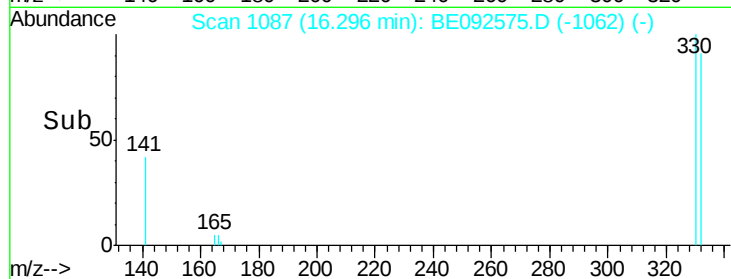
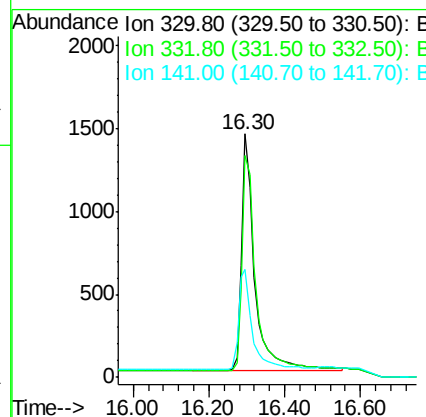
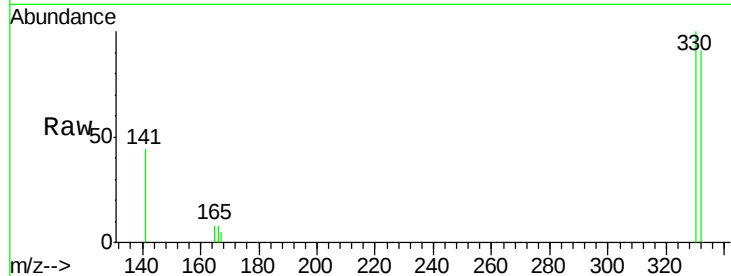




#13
 2,4,6-Tribromophenol
 Concen: 6.33 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092575.D
 Acq: 23 Nov 2016 12:18

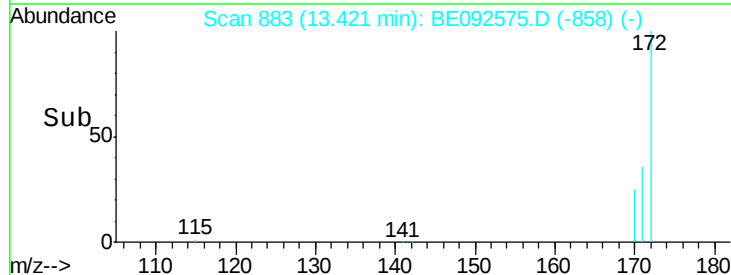
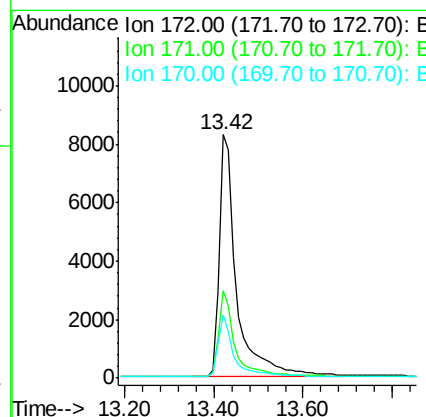
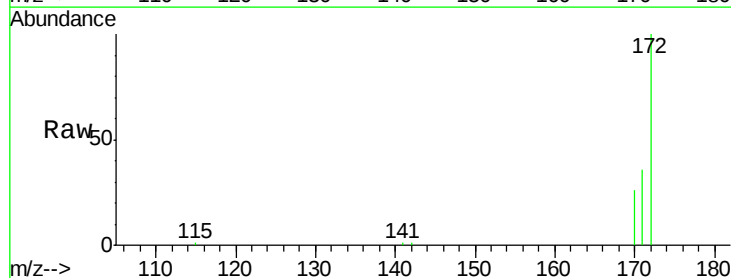
Instrument :
 BNA_E
 ClientSampleId :
 PB94794BL

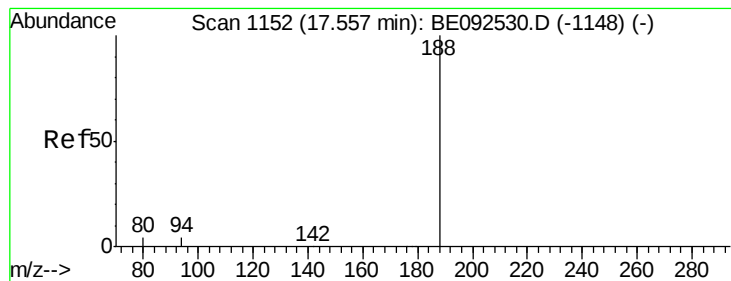
Tgt Ion: 330 Resp: 3440
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.4 113.0
 141 44.3 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.83 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092575.D
 Acq: 23 Nov 2016 12:18

Tgt Ion: 172 Resp: 22622
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.1 45.1
 170 25.7 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: BE092575.D

Acq: 23 Nov 2016 12:18

Instrument :

BNA_E

ClientSampleId :

PB94794BL

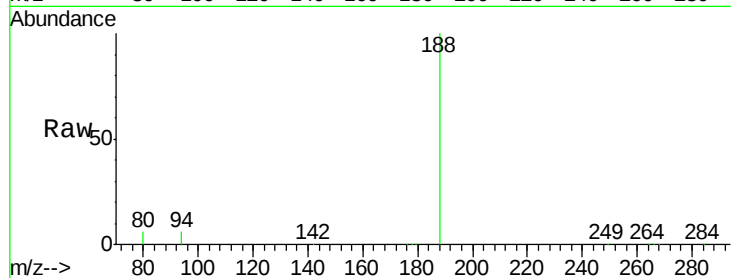
Tgt Ion:188 Resp: 50713

Ion Ratio Lower Upper

188 100

94 6.1 3.2 4.8#

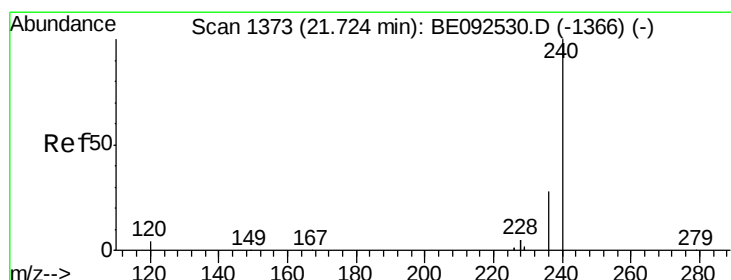
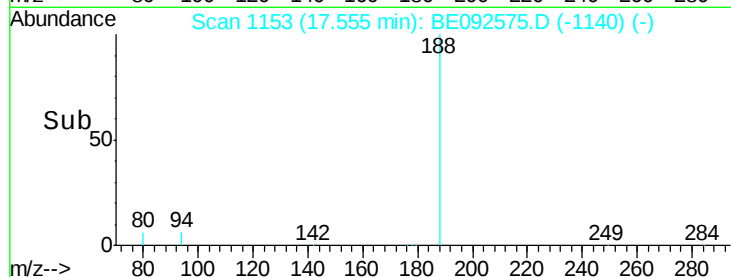
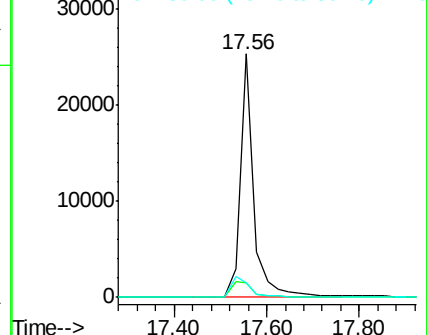
80 5.8 2.6 3.8#



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: BE092575.D

Acq: 23 Nov 2016 12:18

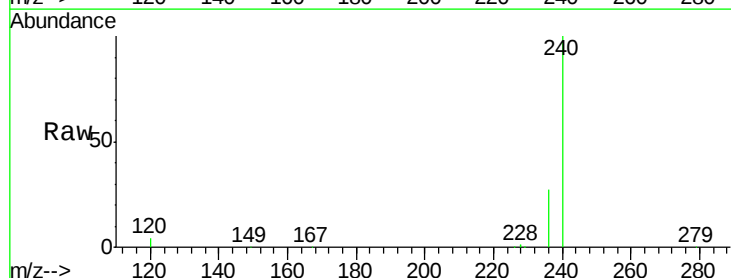
Tgt Ion:240 Resp: 59821

Ion Ratio Lower Upper

240 100

120 3.6 2.6 4.0

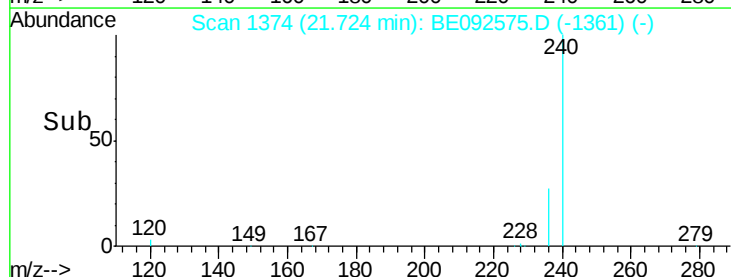
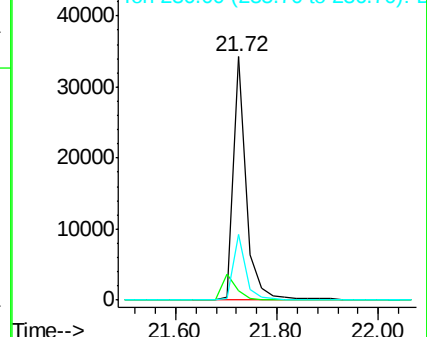
236 27.2 24.6 37.0

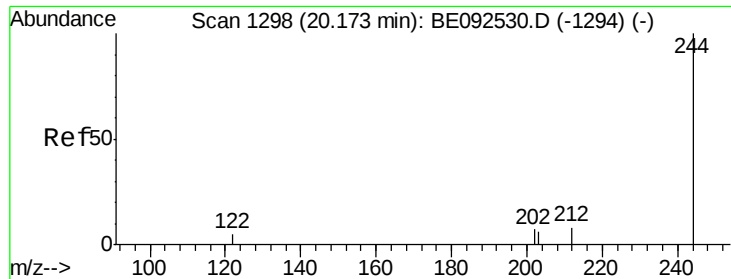


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

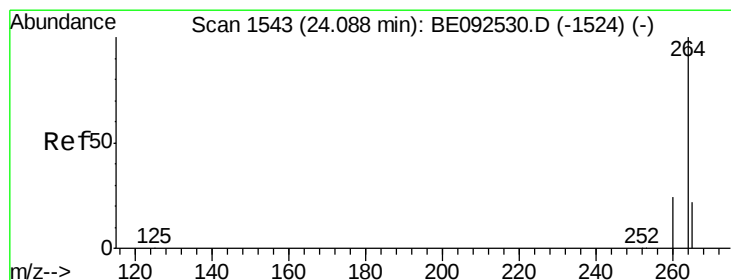
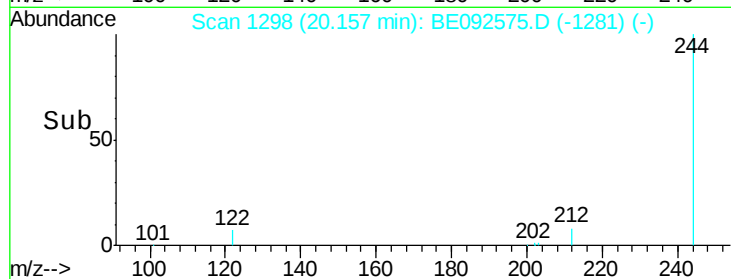
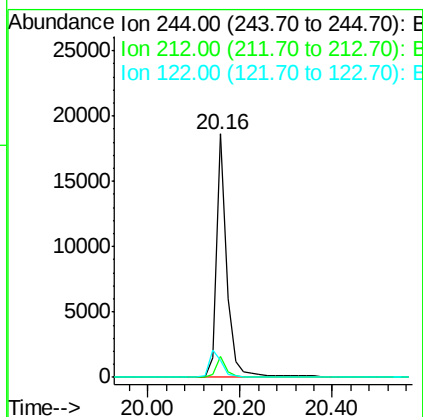
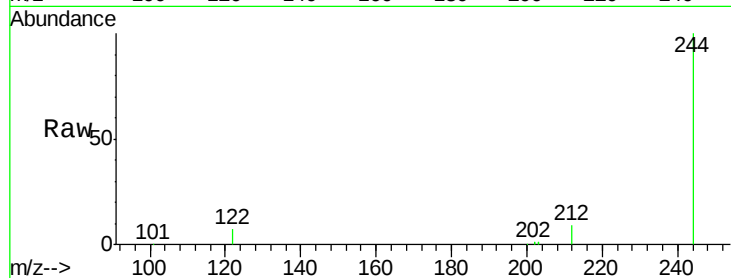




#26
 Terphenyl-d14
 Concen: 4.29 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BE092575.D
 Acq: 23 Nov 2016 12:18

Instrument :
 BNA_E
 ClientSampleId :
 PB94794BL

Tgt Ion: 244 Resp: 29315
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.7 10.1
 122 6.9 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: BE092575.D
 Acq: 23 Nov 2016 12:18

Tgt Ion: 264 Resp: 58852
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.1 30.1
 265 21.4 17.9 26.9

