

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
 Data File : BE092846.D
 Acq On : 28 Mar 2017 21:32
 Operator : SJ/MA
 Sample : PB97858BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB97858BL

Quant Time: Mar 29 06:00:05 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 28 14:58:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	8710	5.00	ng	0.00
7) Naphthalene-d8	10.55	136	36278	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	15833	5.00	ng	0.00
18) Phenanthrene-d10	17.16	188	32505	5.00	ng	0.00
24) Chrysene-d12	21.28	240	33818	5.00	ng	-0.02
31) Perylene-d12	23.71	264	28770	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	19530	9.63	ng	0.00
5) Phenol-d6	6.94	99	26990	9.07	ng	0.00
8) Nitrobenzene-d5	8.93	82	7786	3.74	ng	0.00
13) 2,4,6-Tribromophenol	15.88	330	1857	7.51	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	23438	4.49	ng	-0.01
26) Terphenyl-d14	19.76	244	22466	3.84	ng	0.00

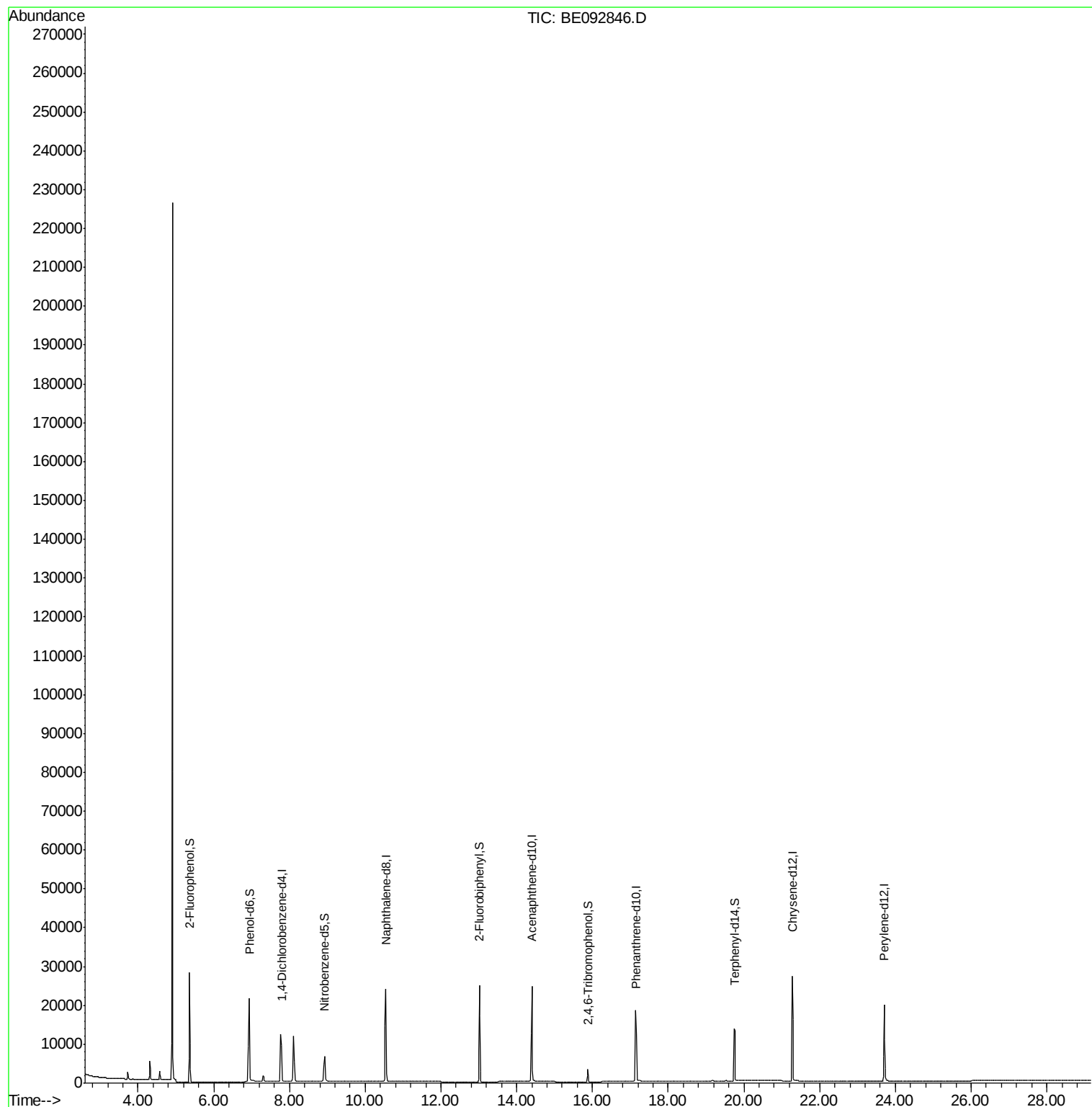
Target Compounds Qvalue

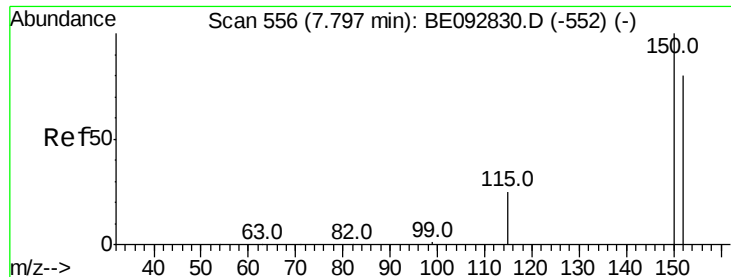
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
Data File : BE092846.D
Acq On : 28 Mar 2017 21:32
Operator : SJ/MA
Sample : PB97858BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB97858BL

Quant Time: Mar 29 06:00:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 28 14:58:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 556

Delta R.T. -0.00 min

Lab File: BE092846.D

Acq: 28 Mar 2017 21:32

Instrument :

BNA_E

ClientSampleId :

PB97858BL

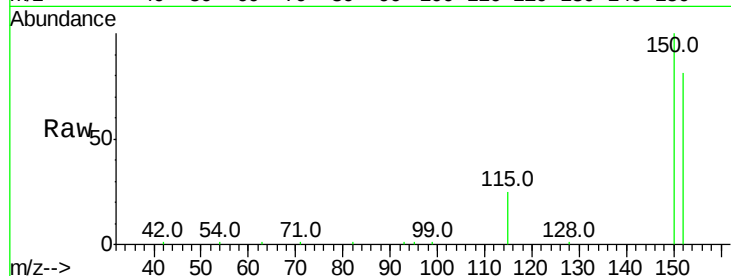
Tot Ion:152 Resp: 8710

Ion Ratio Lower Upper

152 100

150 124.1 106.0 159.0

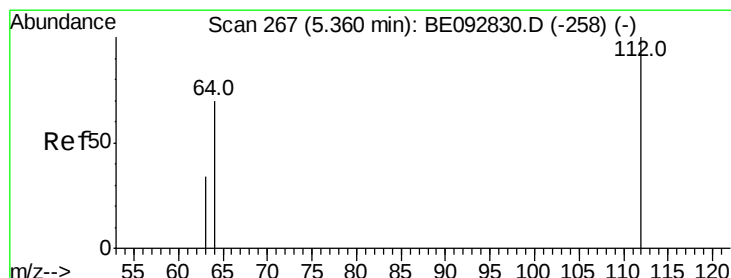
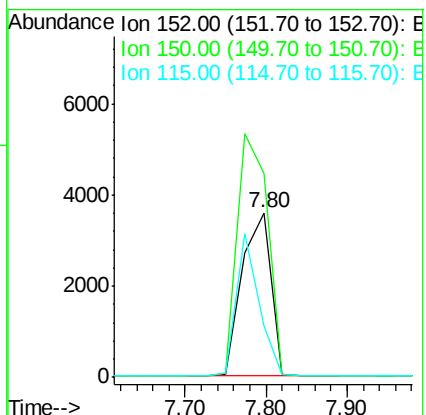
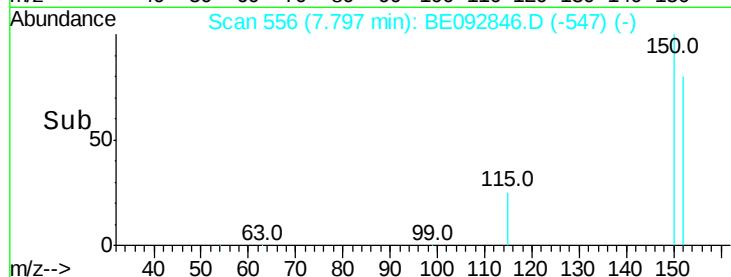
115 31.6 31.2 46.8



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: 9.63 ng

RT: 5.36 min Scan# 268

Delta R.T. 0.00 min

Lab File: BE092846.D

Acq: 28 Mar 2017 21:32

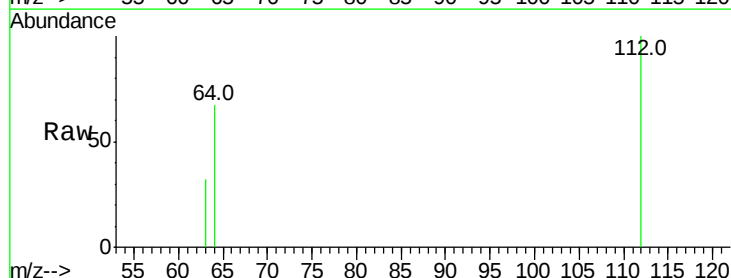
Tgt Ion:112 Resp: 19530

Ion Ratio Lower Upper

112 100

64 69.0 53.5 80.3

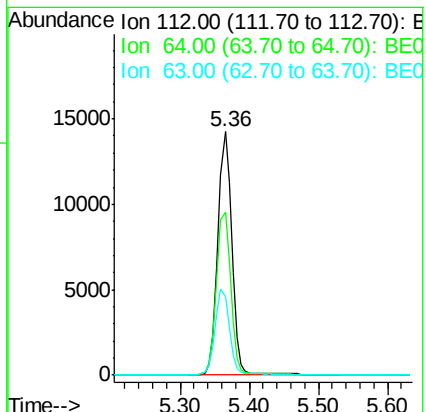
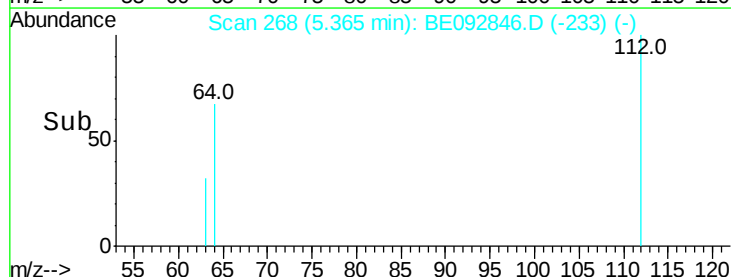
63 35.6 27.9 41.9

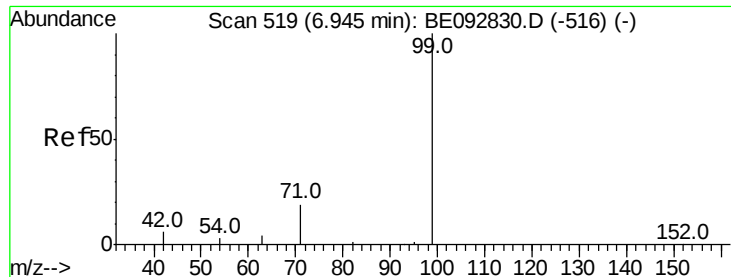


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 9.07 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092846.D

Acq: 28 Mar 2017 21:32

Instrument :

BNA_E

ClientSampleId :

PB97858BL

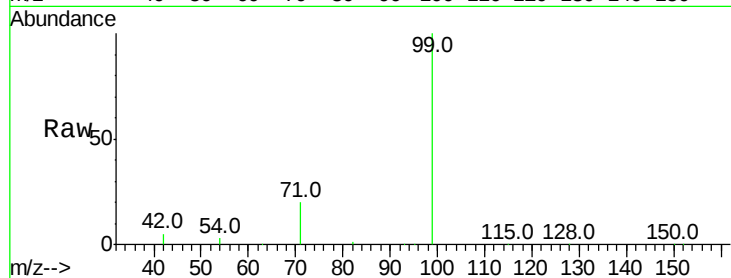
Tot Ion: 99 Resp: 26990

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

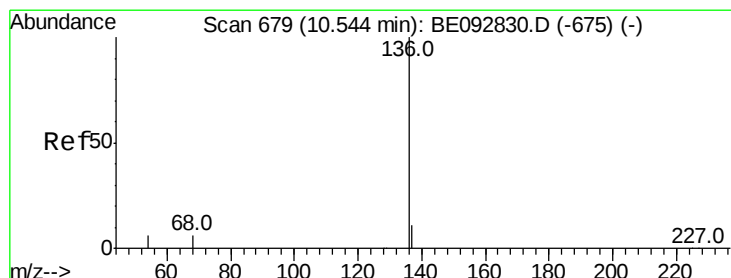
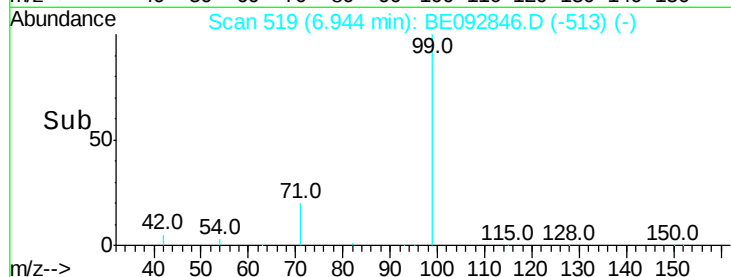
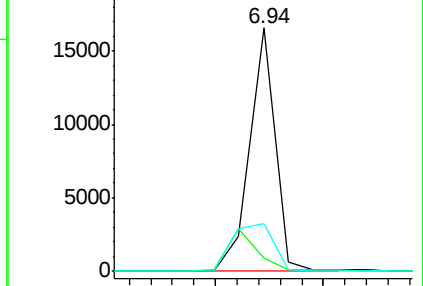
71 31.4 30.6 45.8



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: 10.55 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE092846.D

Acq: 28 Mar 2017 21:32

Tgt Ion: 136 Resp: 36278

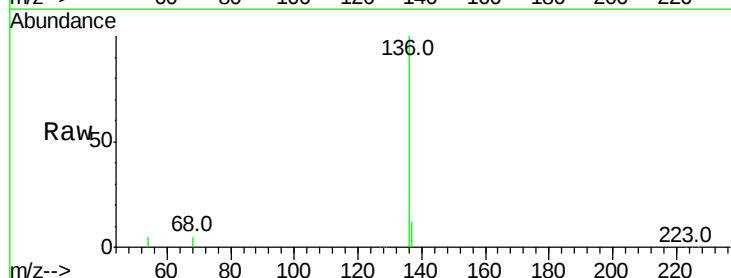
Ion Ratio Lower Upper

136 100

137 11.8 8.2 12.4

54 4.7 9.6 14.4#

68 4.7 6.7 10.1#

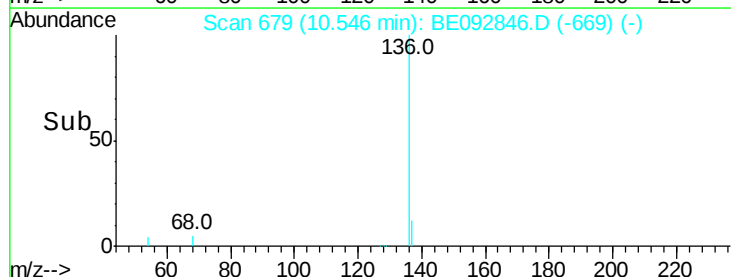
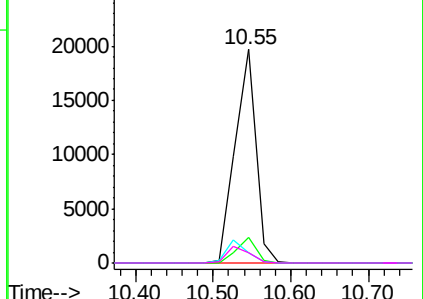


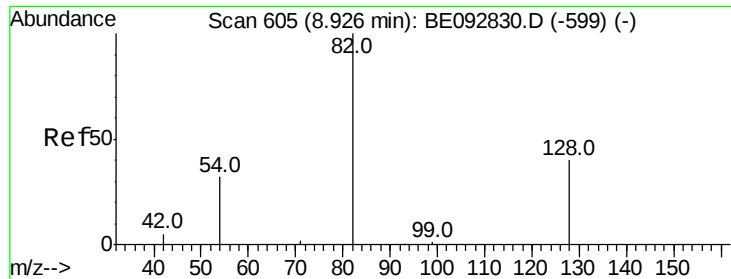
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.74 ng

RT: 8.93 min Scan# 605

Delta R.T. -0.00 min

Lab File: BE092846.D

Acq: 28 Mar 2017 21:32

Instrument :

BNA_E

ClientSampleId :

PB97858BL

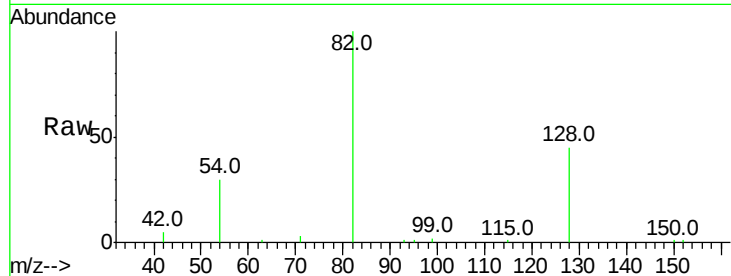
Tot Ion: 82 Resp: 7786

Ion Ratio Lower Upper

82 100

128 44.6 39.0 58.4

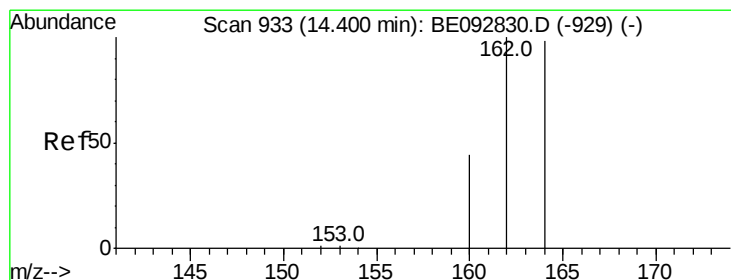
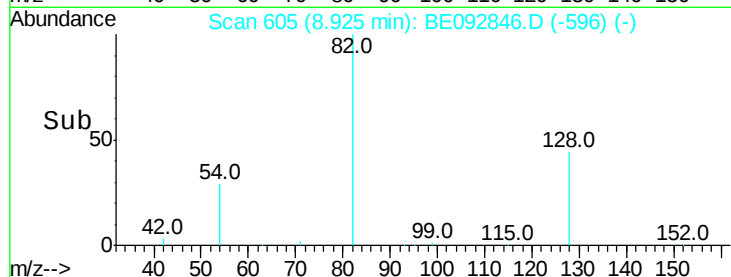
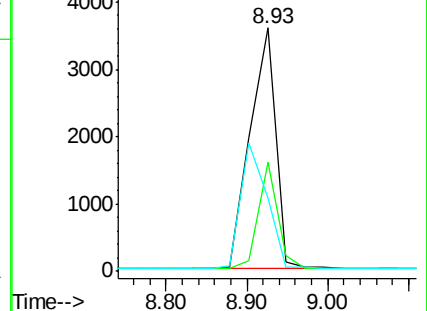
54 30.2 44.8 67.2#



Abundance Ion 82.00 (81.70 to 82.70): BE092830.D (-599) (-)

Ion 128.00 (127.70 to 128.70): BE092830.D (-599) (-)

Ion 54.00 (53.70 to 54.70): BE092830.D (-599) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 933

Delta R.T. -0.00 min

Lab File: BE092846.D

Acq: 28 Mar 2017 21:32

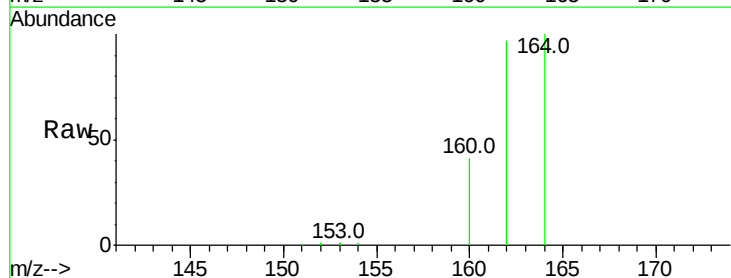
Tgt Ion: 164 Resp: 15833

Ion Ratio Lower Upper

164 100

162 96.9 71.4 107.0

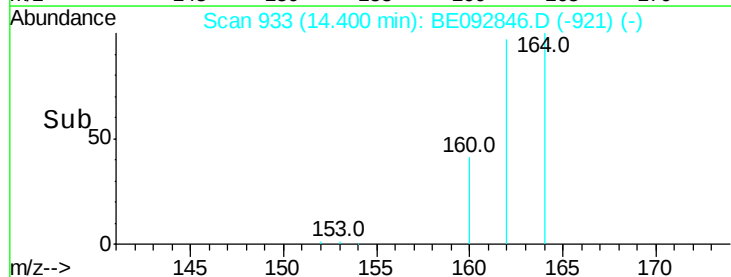
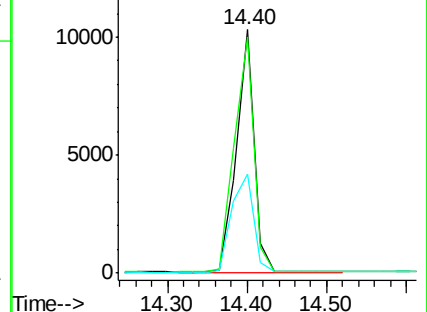
160 40.9 27.4 41.2

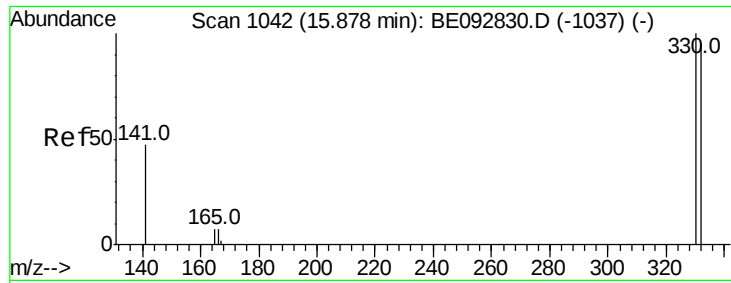


Abundance Ion 164.00 (163.70 to 164.70): BE092830.D (-929) (-)

Ion 162.00 (161.70 to 162.70): BE092830.D (-929) (-)

Ion 160.00 (159.70 to 160.70): BE092830.D (-929) (-)

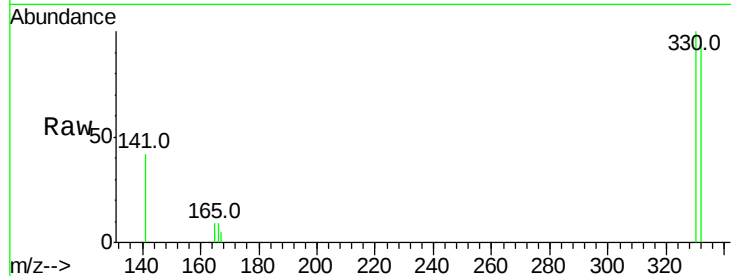




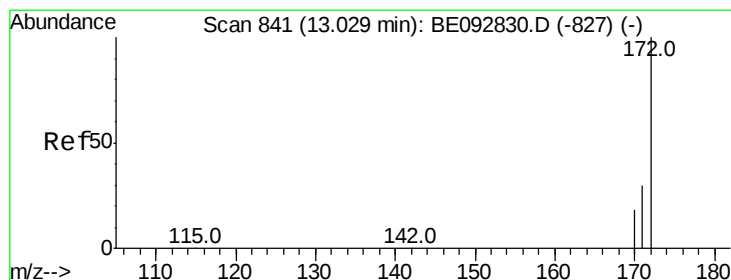
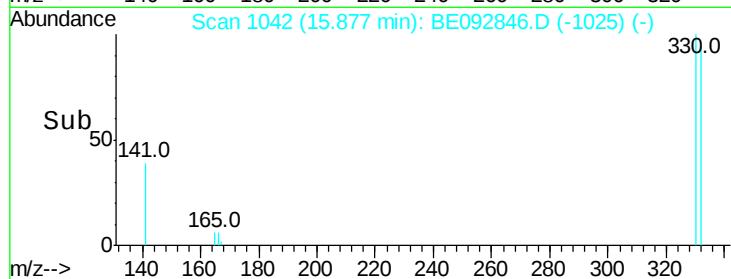
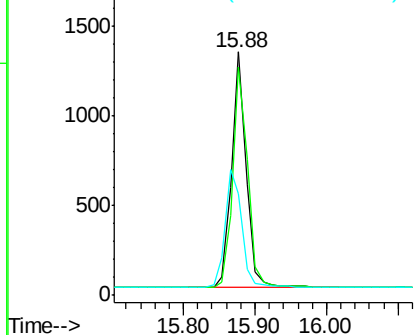
#13
 2,4,6-Tribromophenol
 Concen: 7.51 ng
 RT: 15.88 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BE092846.D
 Acq: 28 Mar 2017 21:32

Instrument :
 BNA_E
 ClientSampleId :
 PB97858BL

Tot Ion:330 Resp: 1857
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.4 113.0
 141 56.3 31.0 46.6#

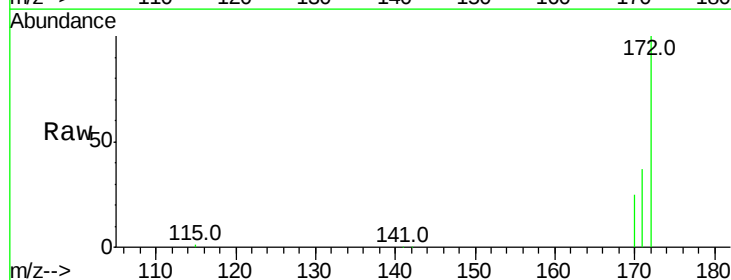


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

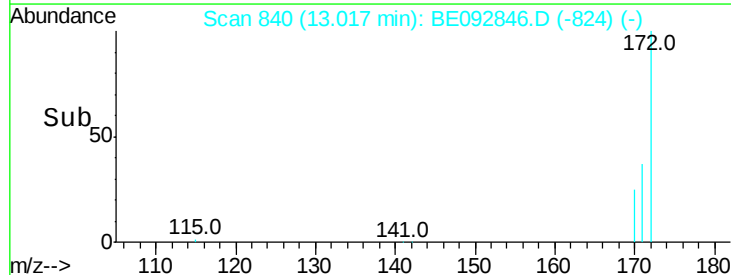
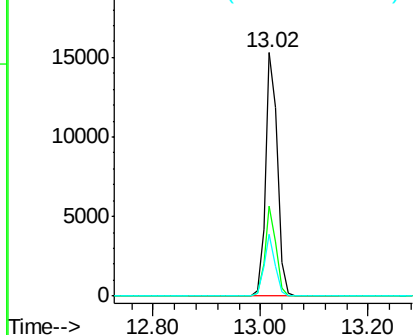


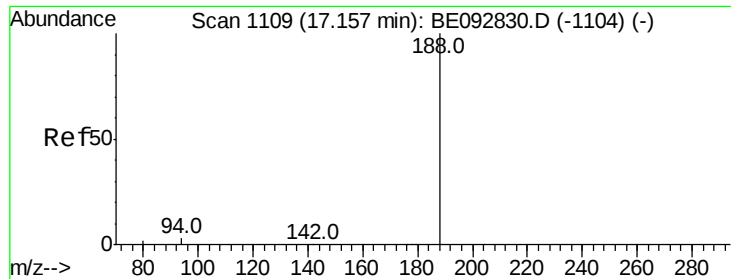
#14
 2-Fluorobiphenyl
 Concen: 4.49 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092846.D
 Acq: 28 Mar 2017 21:32

Tgt Ion:172 Resp: 23438
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.1 45.1
 170 25.5 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.16 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE092846.D

Acq: 28 Mar 2017 21:32

Instrument :

BNA_E

ClientSampleId :

PB97858BL

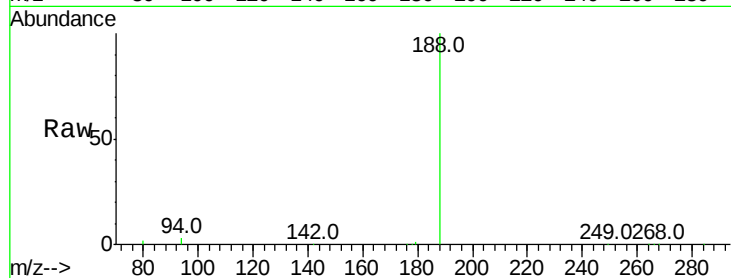
Tot Ion:188 Resp: 32505

Ion Ratio Lower Upper

188 100

94 2.6 3.2 4.8#

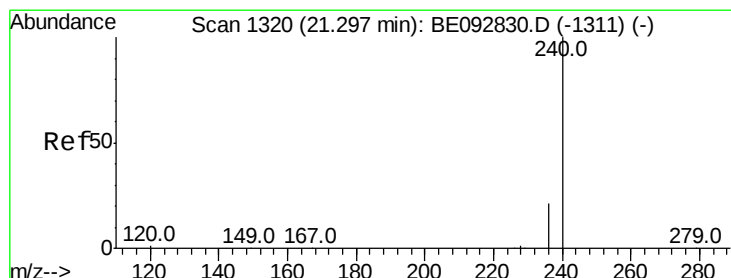
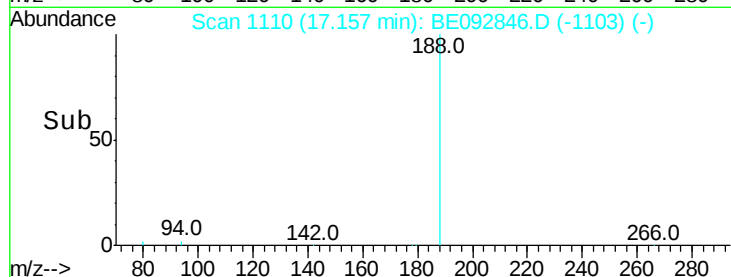
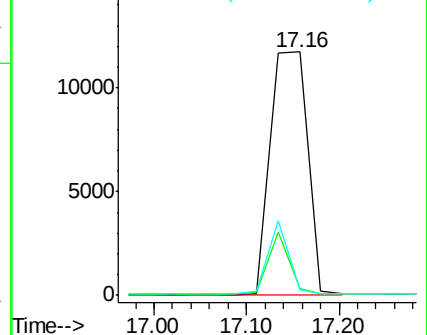
80 2.0 2.6 3.8#



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: 21.28 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BE092846.D

Acq: 28 Mar 2017 21:32

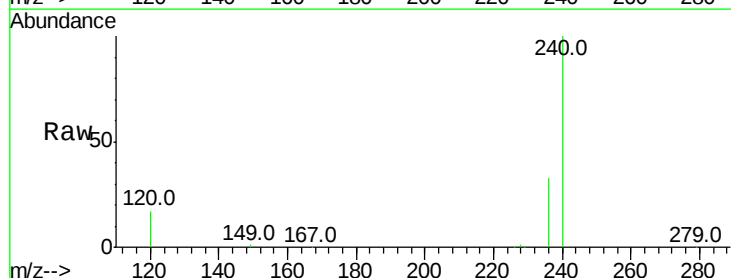
Tgt Ion:240 Resp: 33818

Ion Ratio Lower Upper

240 100

120 17.0 2.6 4.0#

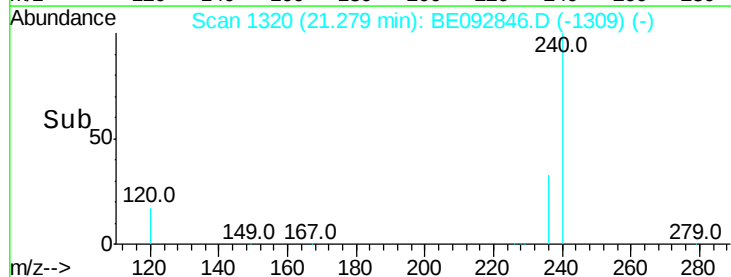
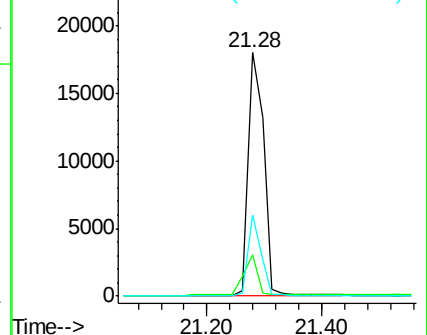
236 33.3 24.6 37.0

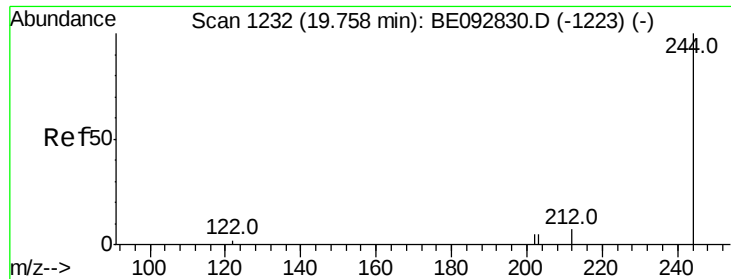


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

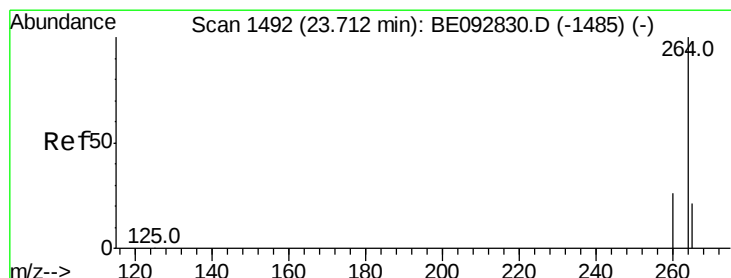
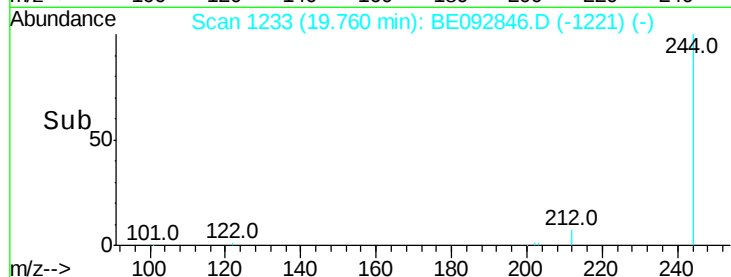
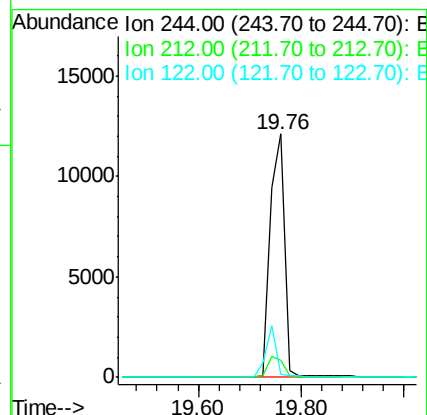
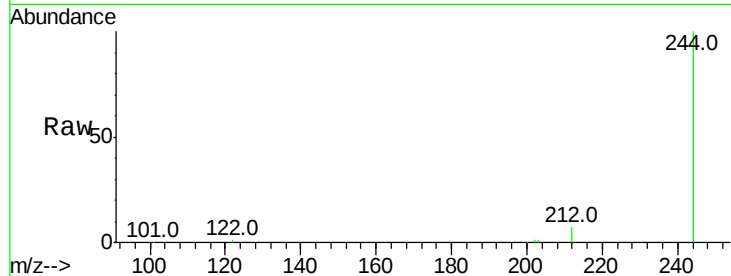




#26
 Terphenyl-d14
 Concen: 3.84 ng
 RT: 19.76 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BE092846.D
 Acq: 28 Mar 2017 21:32

Instrument :
 BNA_E
 ClientSampleId :
 PB97858BL

Tot Ion:244 Resp: 22466
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.7 10.1
 122 1.2 3.6 5.4#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.71 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BE092846.D
 Acq: 28 Mar 2017 21:32

Tgt Ion:264 Resp: 28770
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.1 30.1
 265 23.4 17.9 26.9

