

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
 Data File : BE092852.D
 Acq On : 29 Mar 2017 1:13
 Operator : SJ/MA
 Sample : I2412-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 29 04:59:03 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	7.77	152	7182	5.00	ng	-0.02
7) Naphthalene-d8	10.54	136	31525	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	14637	5.00	ng	0.00
18) Phenanthrene-d10	17.13	188	33369	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	42473	5.00	ng	-0.02
31) Perylene-d12	23.70	264	37311	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	11337	6.78	ng	0.00
5) Phenol-d6	6.94	99	11218	4.57	ng	0.00
8) Nitrobenzene-d5	8.93	82	7836	4.33	ng	0.00
13) 2,4,6-Tribromophenol	15.88	330	2759	12.07	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	23638	4.90	ng	-0.01
26) Terphenyl-d14	19.76	244	30149	4.11	ng	0.00

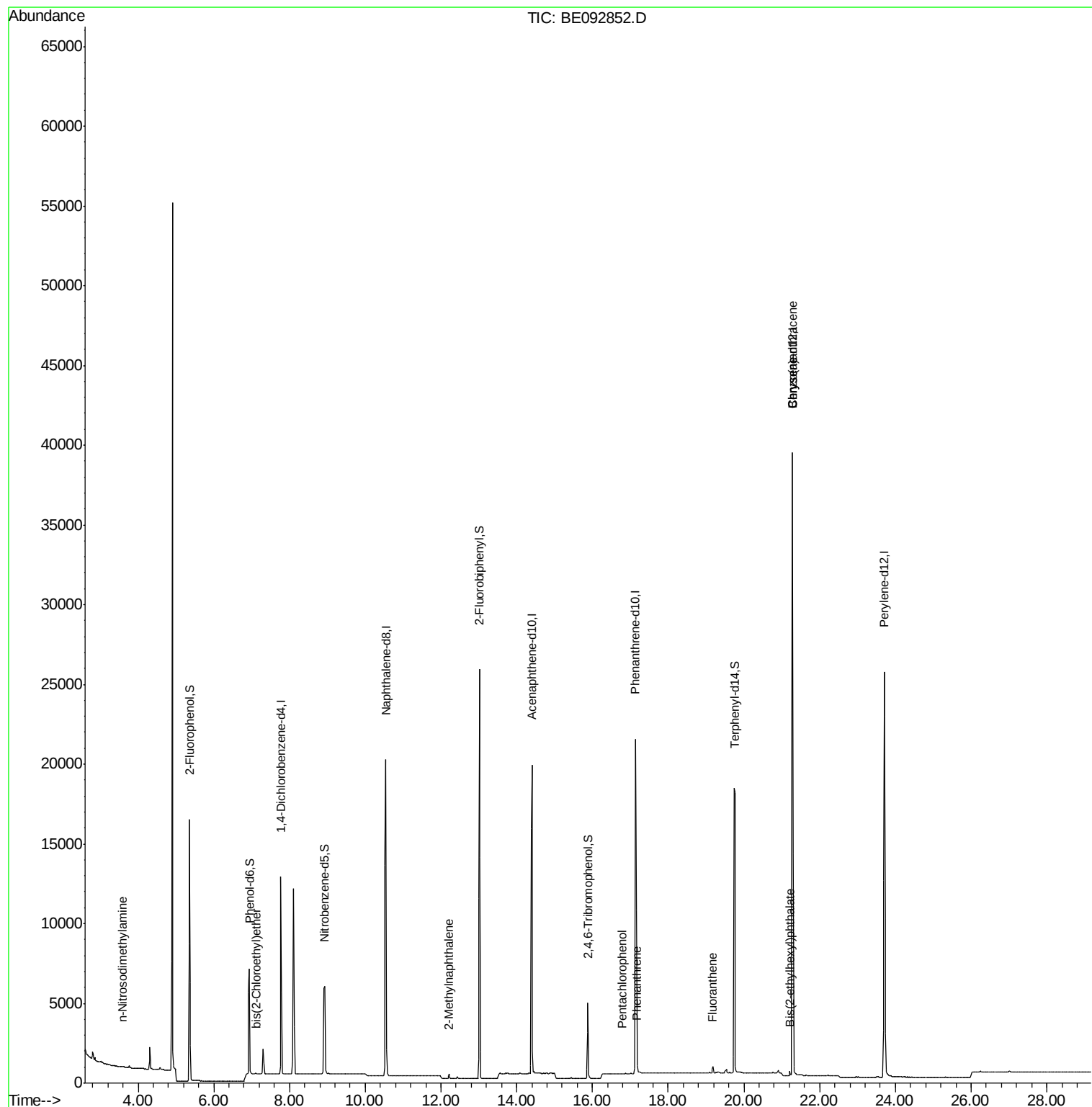
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.59	42	22	0.02	ng	# 6
6) bis(2-Chloroethyl)ether	7.11	93	97	0.04	ng	# 49
11) 2-Methylnaphthalene	12.21	142	216	0.05	ng	# 92
20) Pentachlorophenol	16.79	266	7	0.25	ng	# 72
21) Phenanthrene	17.18	178	368	0.05	ng	# 95
23) Fluoranthene	19.18	202	3345	0.09	ng	# 65
27) Benzo(a)anthracene	21.28	228	241	0.02	ng	# 63
28) Chrysene	21.28	228	246	0.02	ng	# 70
29) Bis(2-ethylhexyl)phthalate	21.21	149	331	0.11	ng	# 79

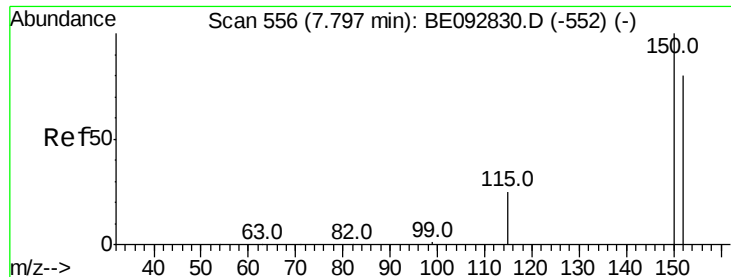
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
Data File : BE092852.D
Acq On : 29 Mar 2017 1:13
Operator : SJ/MA
Sample : I2412-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 29 04:59:03 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: 7.77 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

Instrument :

BNA_E

ClientSampleId :

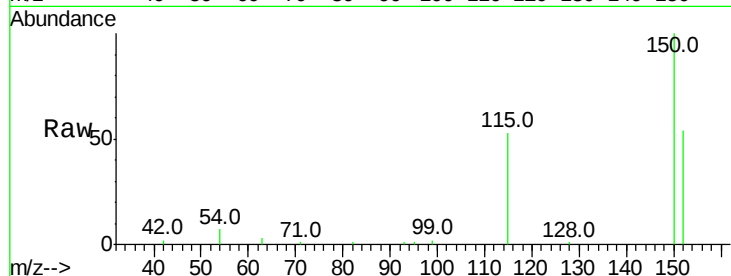
Tot Ion:152 Resp: 7182

Ion Ratio Lower Upper

152 100

150 185.5 106.0 159.0#

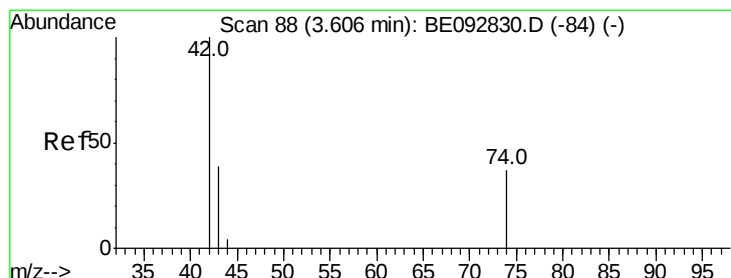
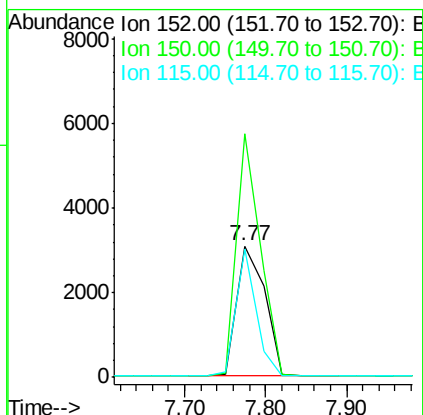
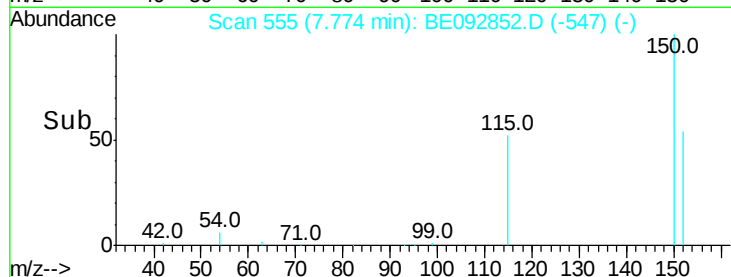
115 98.0 31.2 46.8#



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



#3

n-Nitrosodimethylamine

Concen: 0.02 ng

RT: 3.59 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

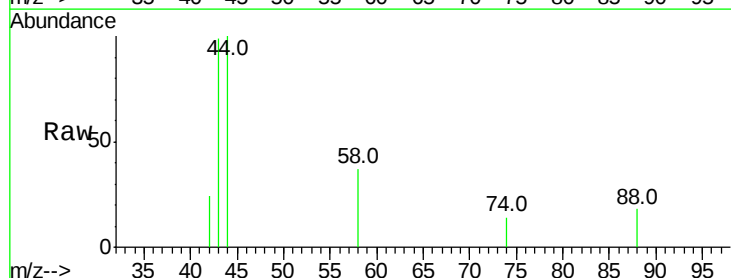
Tgt Ion: 42 Resp: 22

Ion Ratio Lower Upper

42 100

74 4.5 86.0 129.0#

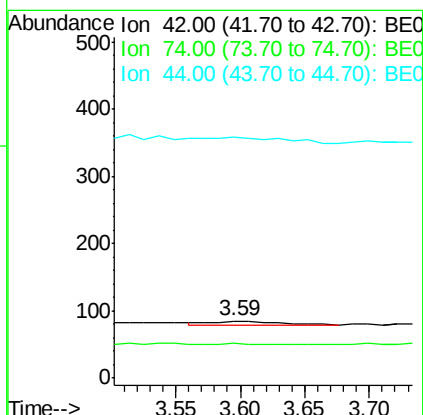
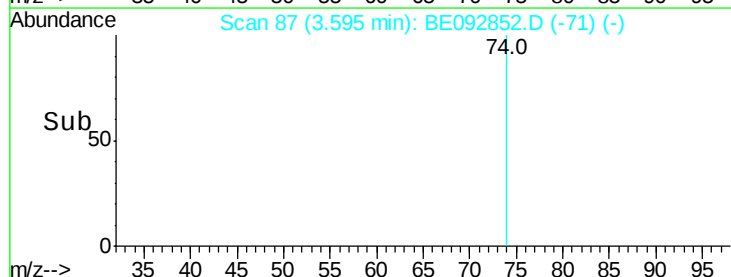
44 0.0 5.1 7.7#

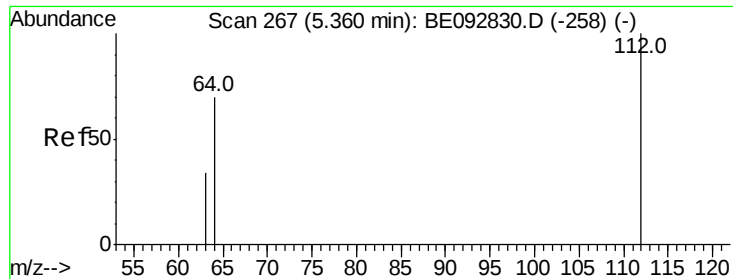


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 6.78 ng

RT: 5.36 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

Instrument :

BNA_E

ClientSampleId :

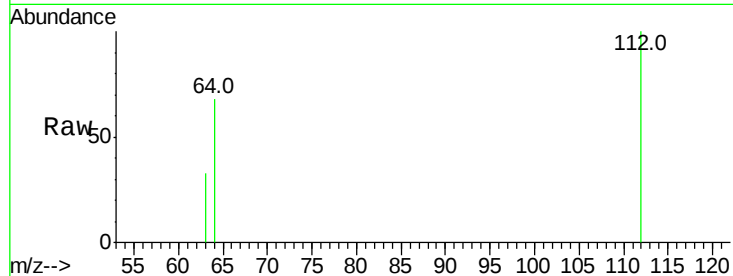
Tot Ion:112 Resp: 11337

Ion Ratio Lower Upper

112 100

64 69.4 53.5 80.3

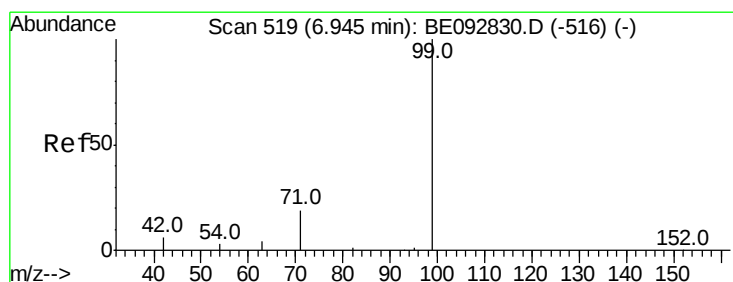
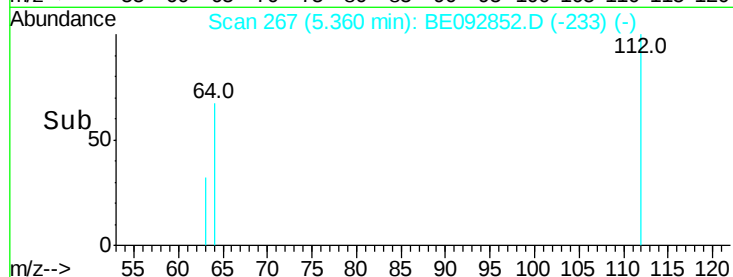
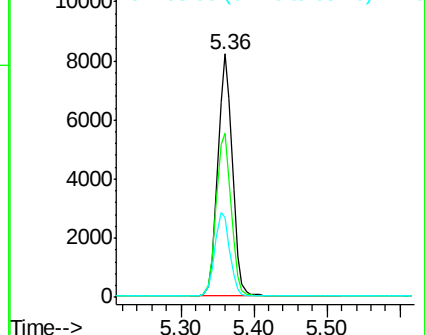
63 35.6 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 4.57 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

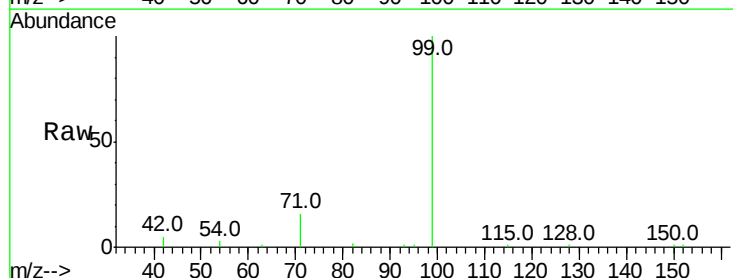
Tgt Ion: 99 Resp: 11218

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

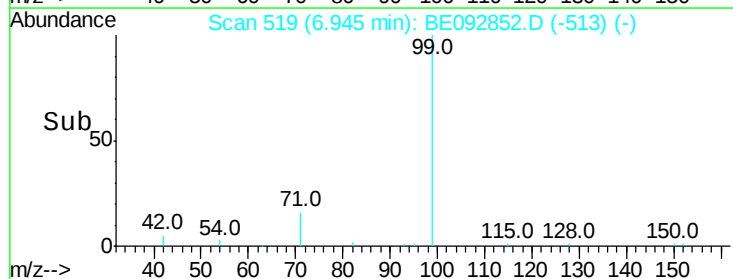
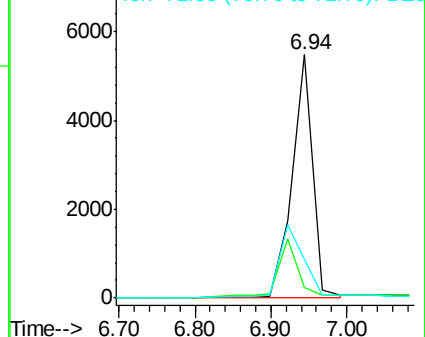
71 0.0 30.6 45.8#

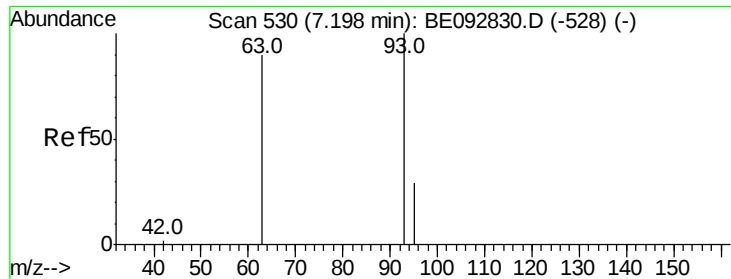


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.04 ng

RT: 7.11 min Scan# 526

Delta R.T. -0.09 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

Instrument :

BNA_E

ClientSampleId :

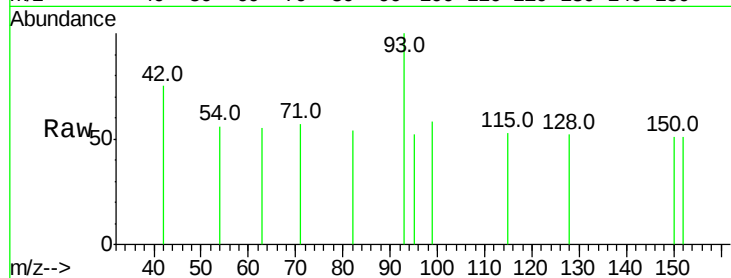
Tot Ion: 93 Resp: 97

Ion Ratio Lower Upper

93 100

63 0.0 16.0 24.0#

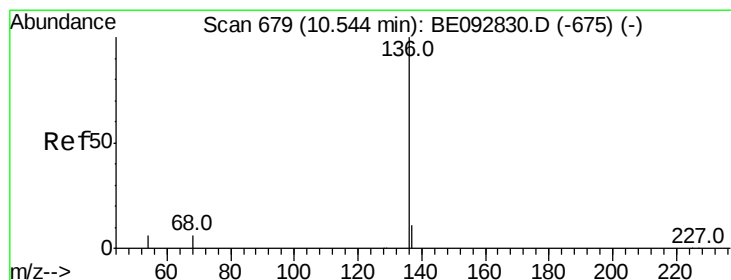
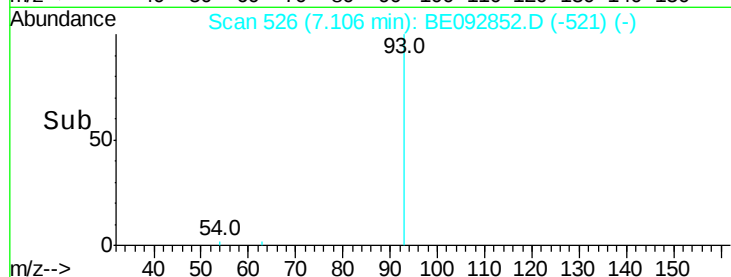
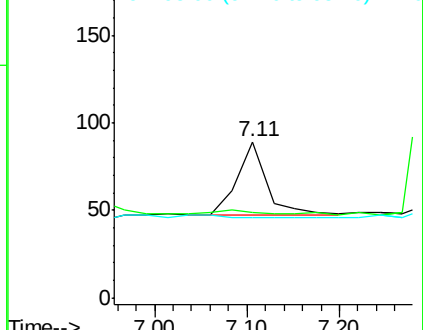
95 0.0 24.0 36.0#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.54 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

Tgt Ion: 136 Resp: 31525

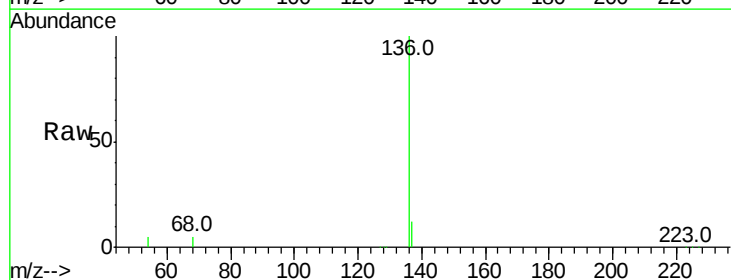
Ion Ratio Lower Upper

136 100

137 11.9 8.2 12.4

54 4.6 9.6 14.4#

68 4.6 6.7 10.1#

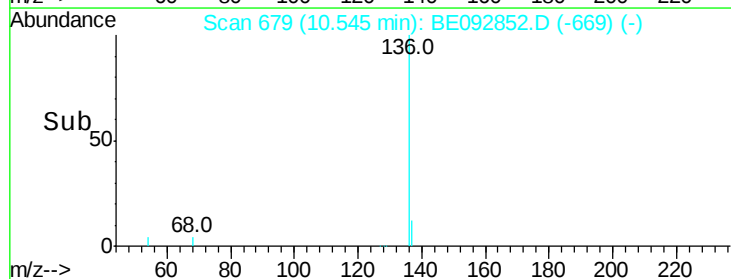
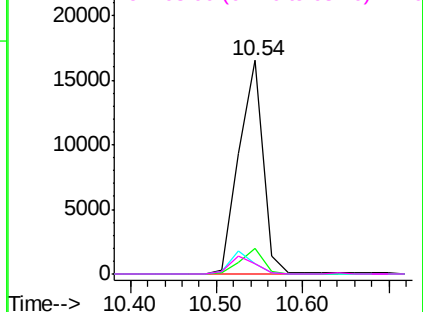


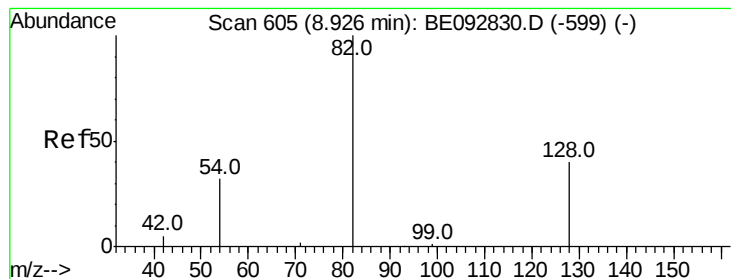
Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.33 ng

RT: 8.93 min Scan# 605

Delta R.T. -0.00 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

Instrument :

BNA_E

ClientSampleId :

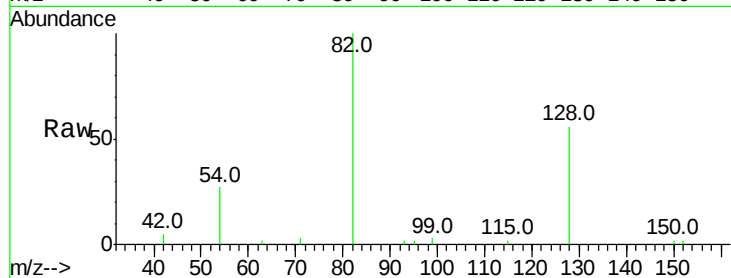
Tot Ion: 82 Resp: 7836

Ion Ratio Lower Upper

82 100

128 56.3 39.0 58.4

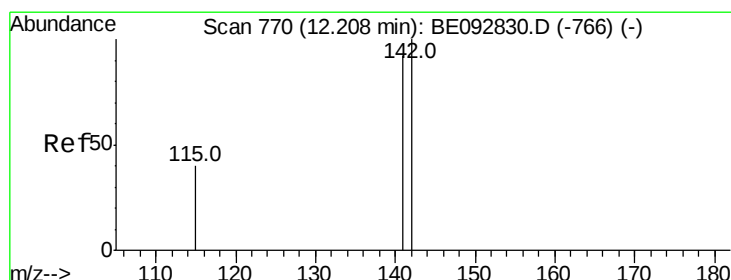
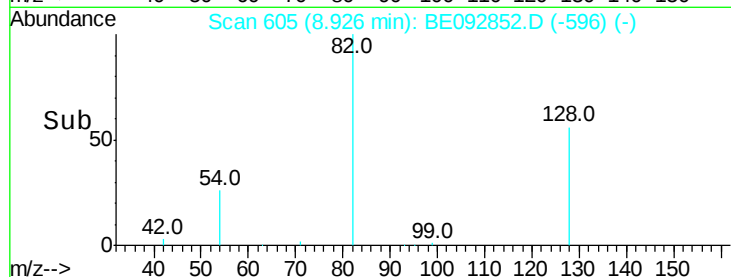
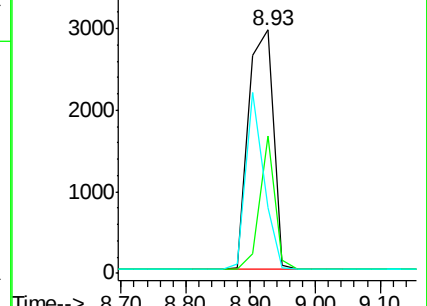
54 27.2 44.8 67.2#



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



#11

2-Methylnaphthalene

Concen: 0.05 ng

RT: 12.21 min Scan# 770

Delta R.T. 0.00 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

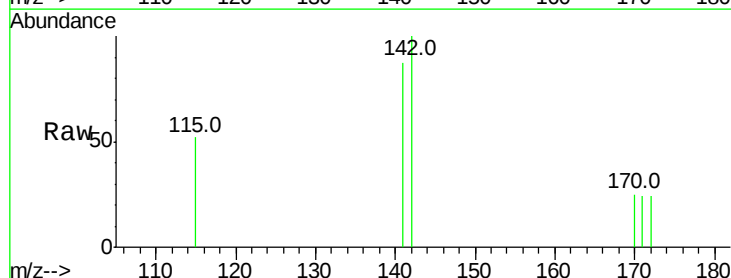
Tgt Ion: 142 Resp: 216

Ion Ratio Lower Upper

142 100

141 87.4 73.7 110.5

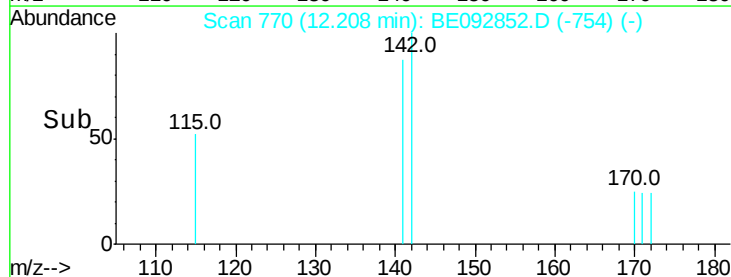
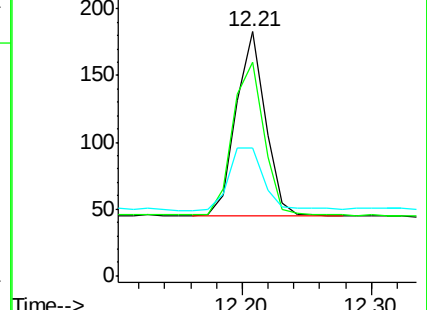
115 52.5 34.0 51.0#

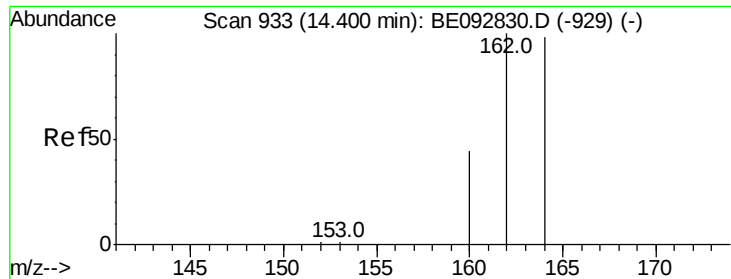


Abundance Ion 142.00 (141.70 to 142.70): BE0

Ion 141.00 (140.70 to 141.70): BE0

Ion 115.00 (114.70 to 115.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 933

Delta R.T. 0.00 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

Instrument :

BNA_E

ClientSampleId :

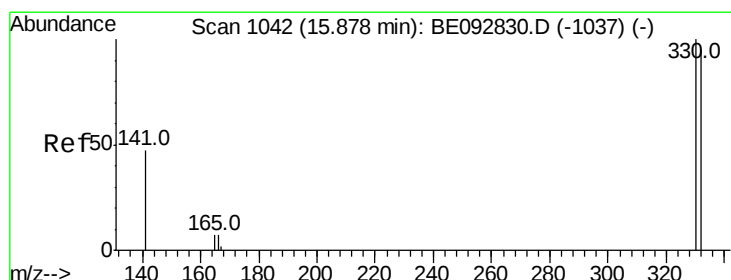
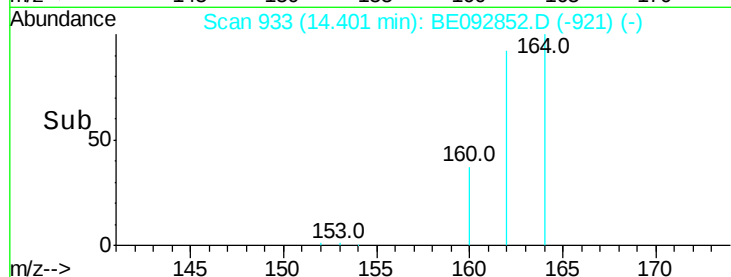
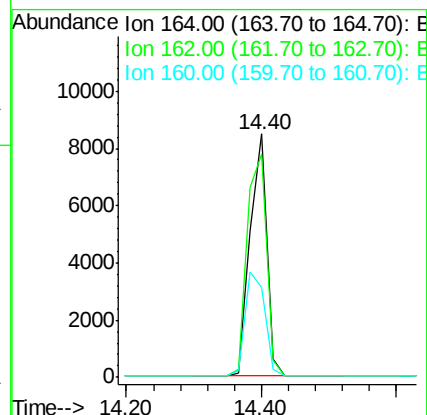
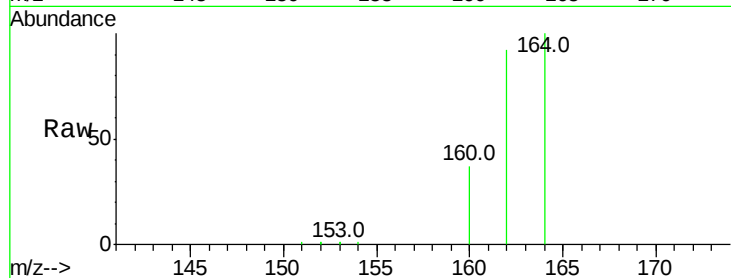
Tot Ion:164 Resp: 14637

Ion Ratio Lower Upper

164 100

162 91.6 71.4 107.0

160 37.2 27.4 41.2



#13

2,4,6-Tribromophenol

Concen: 12.07 ng

RT: 15.88 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

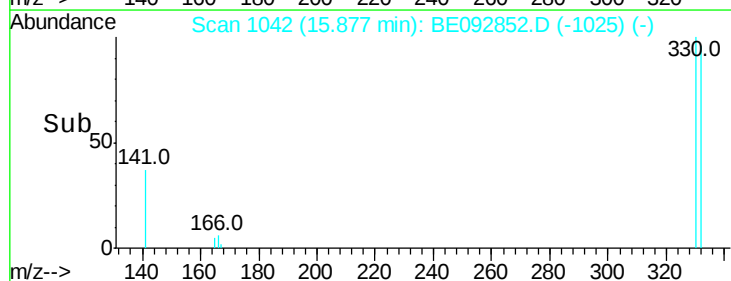
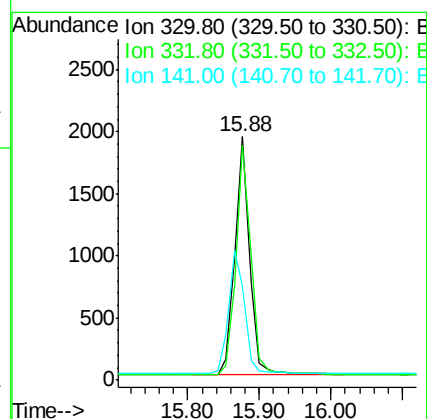
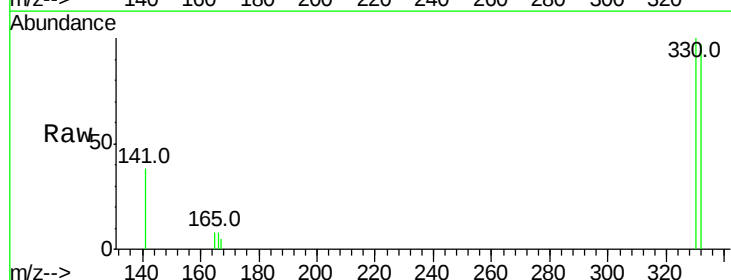
Tgt Ion:330 Resp: 2759

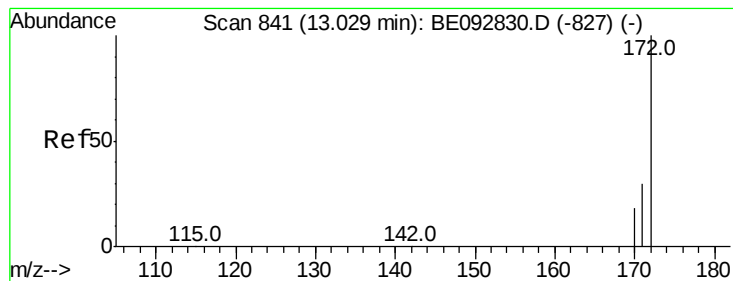
Ion Ratio Lower Upper

330 100

332 97.4 75.4 113.0

141 57.2 31.0 46.6#

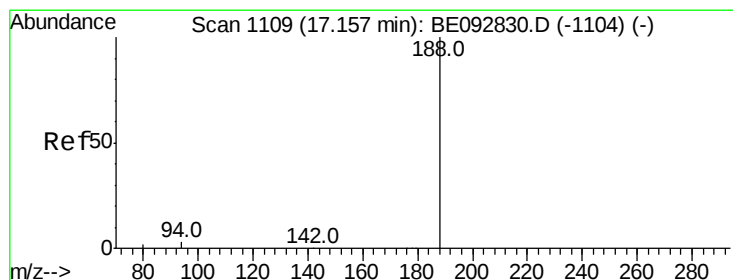
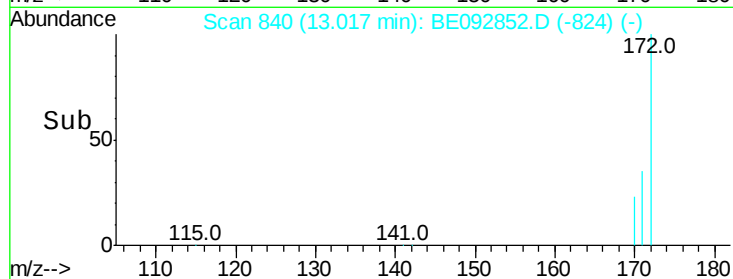
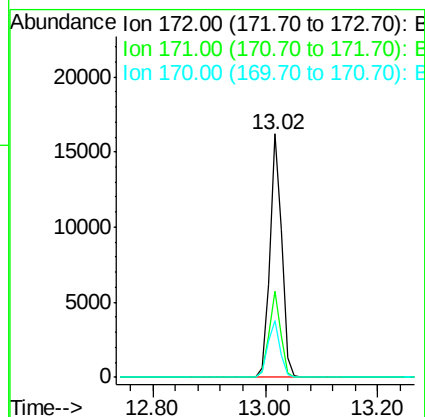
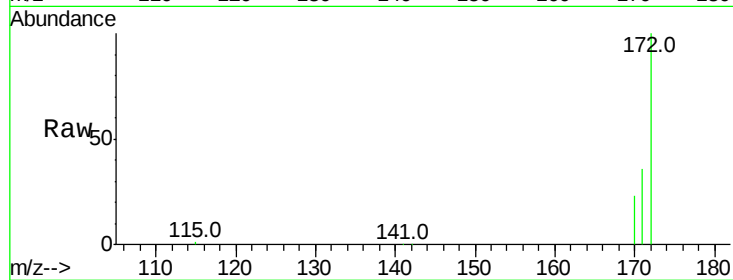




#14
 2-Fluorobiphenyl
 Concen: 4.90 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092852.D
 Acq: 29 Mar 2017 1:13

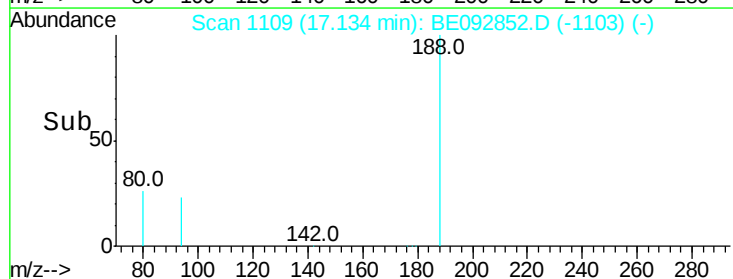
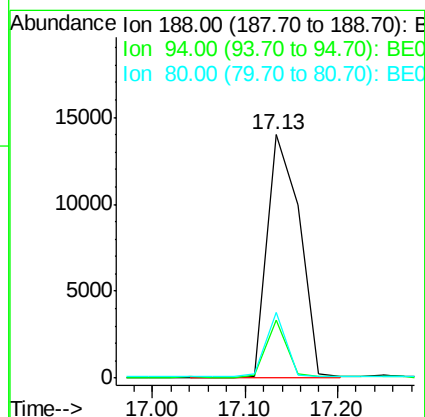
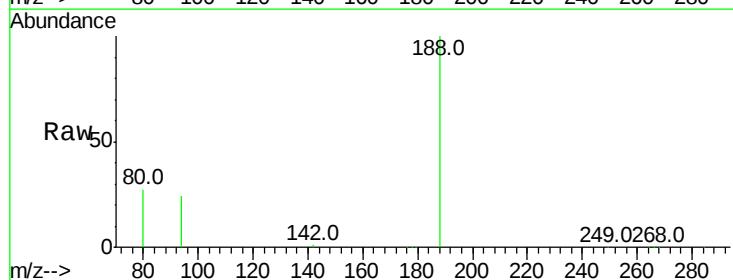
Instrument :
 BNA_E
 ClientSampleId :

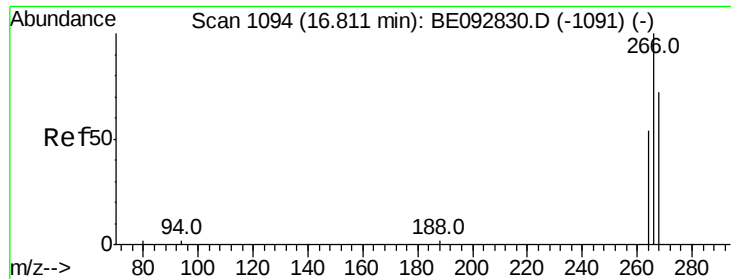
Tot Ion:172 Resp: 23638
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.1 45.1
 170 23.4 21.8 32.6



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.13 min Scan# 1109
 Delta R.T. -0.02 min
 Lab File: BE092852.D
 Acq: 29 Mar 2017 1:13

Tgt Ion:188 Resp: 33369
 Ion Ratio Lower Upper
 188 100
 94 23.6 3.2 4.8#
 80 26.9 2.6 3.8#

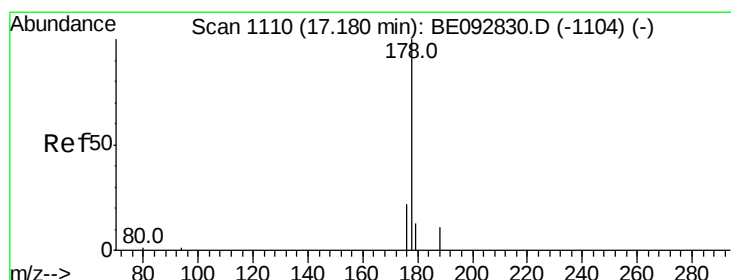
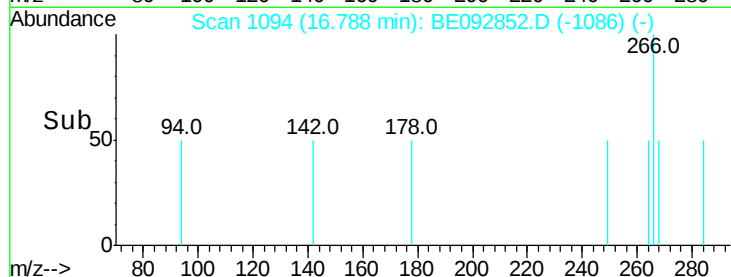
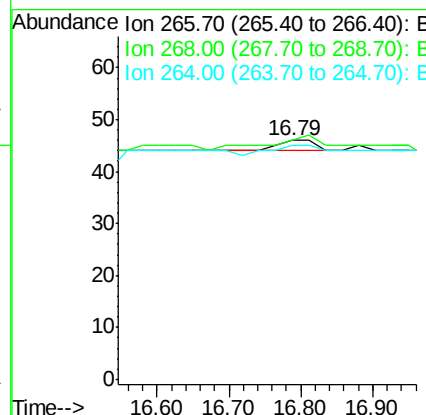
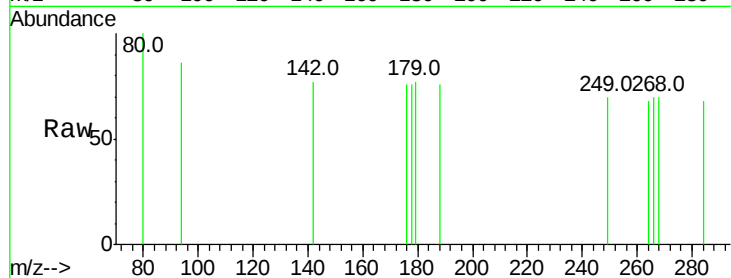




#20
 Pentachlorophenol
 Concen: 0.25 ng
 RT: 16.79 min Scan# 1094
 Delta R.T. -0.02 min
 Lab File: BE092852.D
 Acq: 29 Mar 2017 1:13

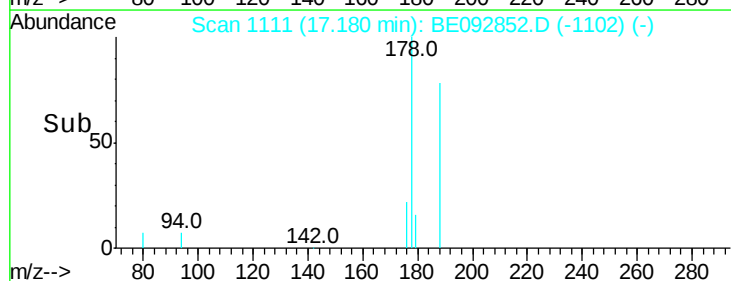
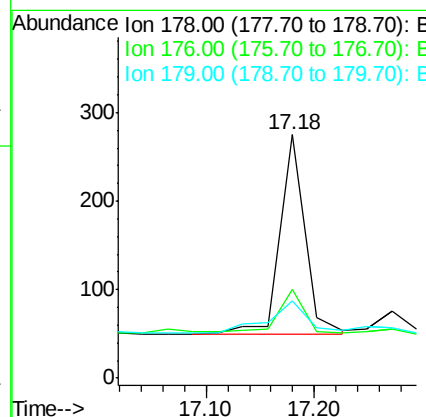
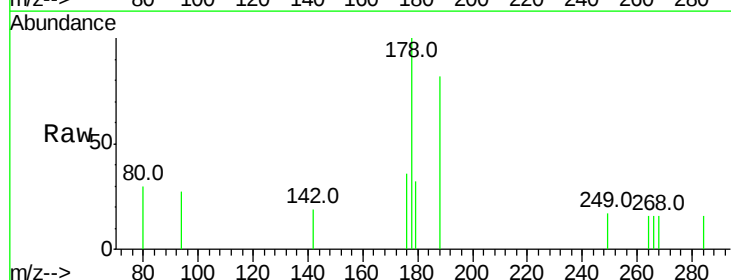
Instrument :
 BNA_E
 ClientSampleId :

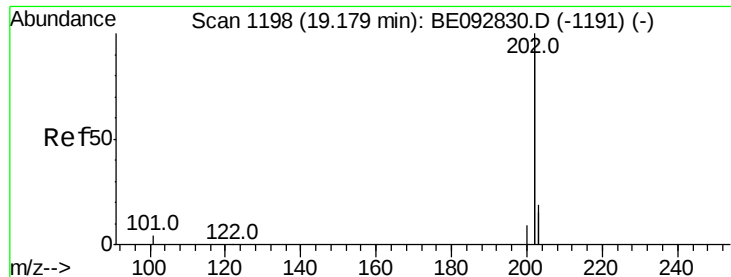
Tot Ion:266 Resp: 7
 Ion Ratio Lower Upper
 266 100
 268 100.0 62.5 93.7#
 264 97.8 57.2 85.8#



#21
 Phenanthrene
 Concen: 0.05 ng
 RT: 17.18 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BE092852.D
 Acq: 29 Mar 2017 1:13

Tgt Ion:178 Resp: 368
 Ion Ratio Lower Upper
 178 100
 176 21.7 15.8 23.8
 179 22.8 16.0 24.0





#23

Fluoranthene

Concen: 0.09 ng

RT: 19.18 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

Instrument :

BNA_E

ClientSampleId :

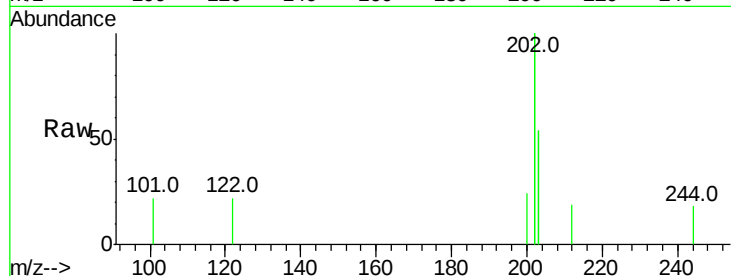
Tot Ion:202 Resp: 3345

Ion Ratio Lower Upper

202 100

101 0.0 2.2 3.4#

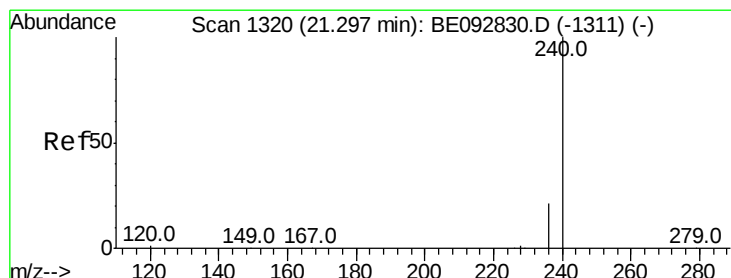
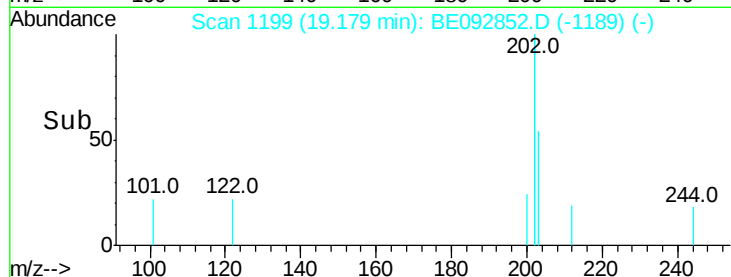
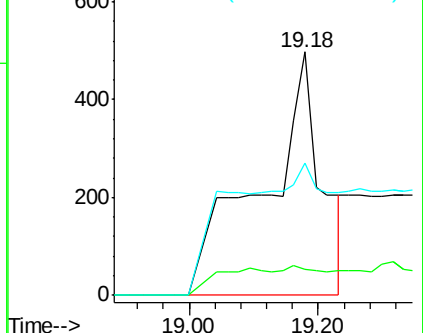
203 0.0 13.7 20.5#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

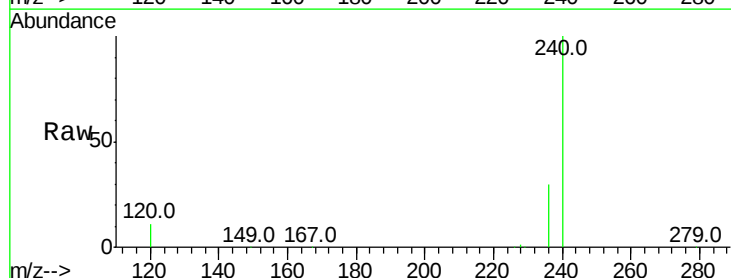
Tgt Ion:240 Resp: 42473

Ion Ratio Lower Upper

240 100

120 10.6 2.6 4.0#

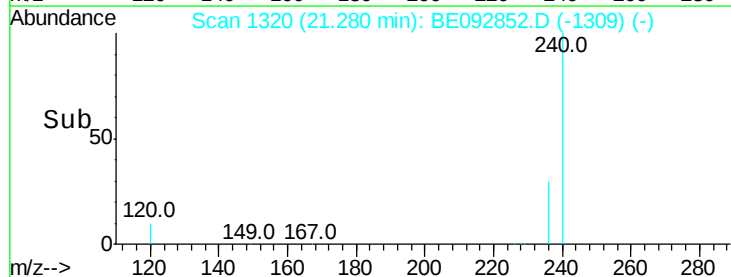
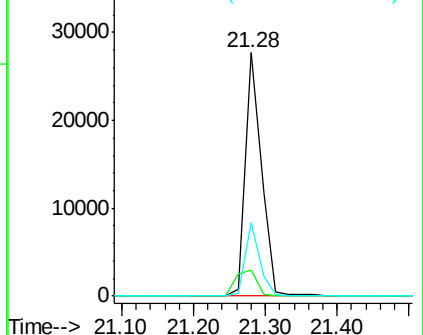
236 30.2 24.6 37.0

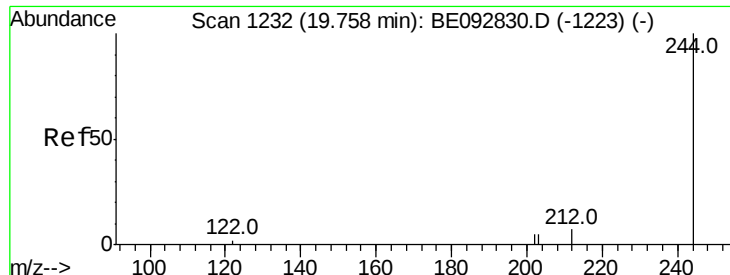


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Terphenyl-d14

Concen: 4.11 ng

RT: 19.76 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

Instrument :

BNA_E

ClientSampleId :

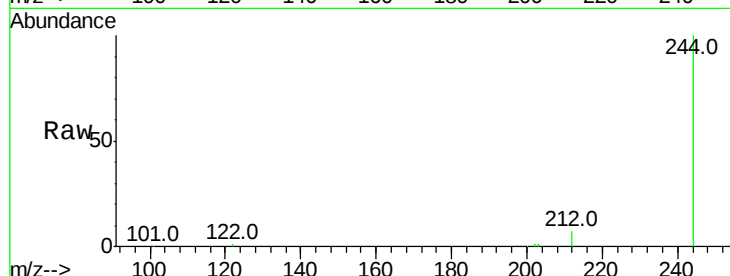
Tot Ion:244 Resp: 30149

Ion Ratio Lower Upper

244 100

212 6.9 6.7 10.1

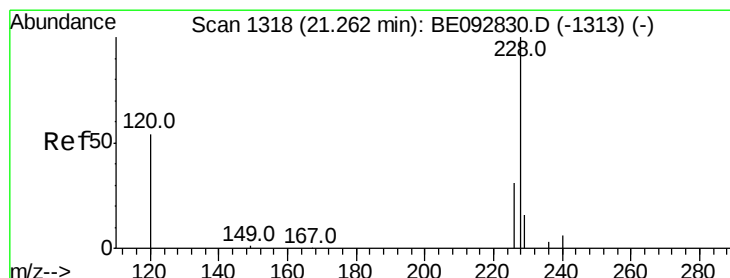
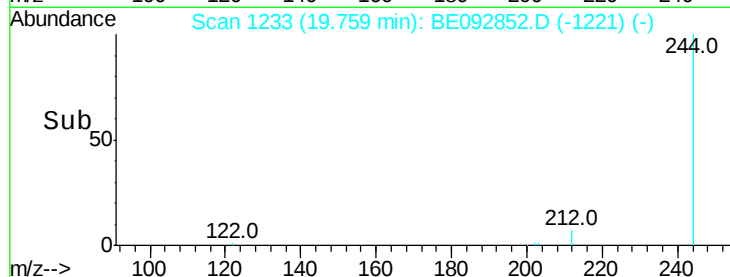
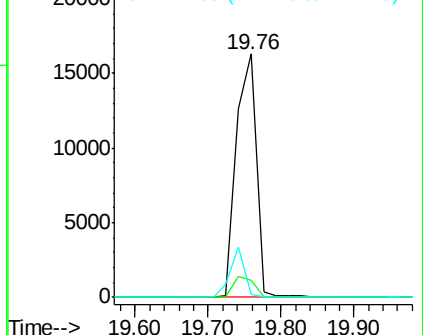
122 1.1 3.6 5.4#



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



#27

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.28 min Scan# 1320

Delta R.T. 0.02 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

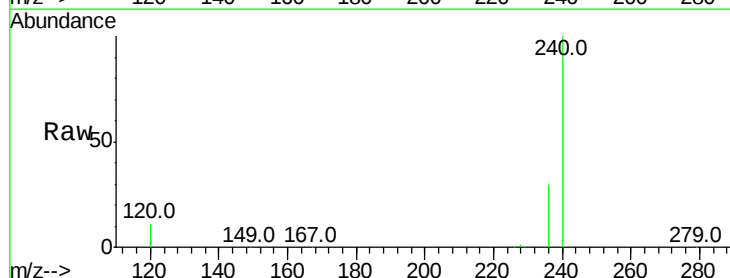
Tgt Ion:228 Resp: 241

Ion Ratio Lower Upper

228 100

226 37.2 23.6 35.4#

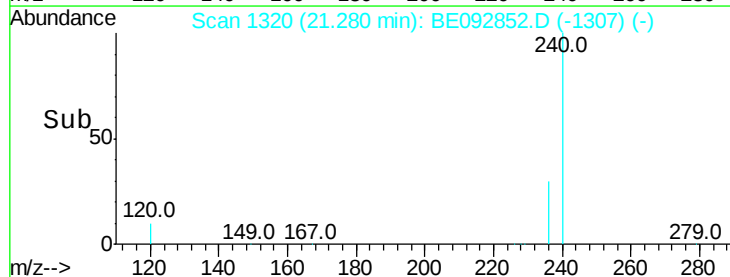
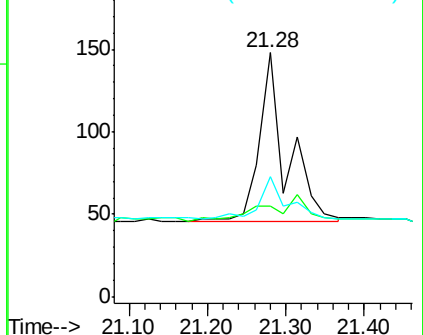
229 49.3 13.3 19.9#

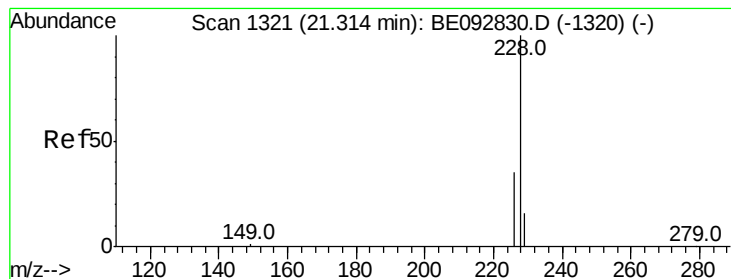


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#28

Chrysene

Concen: 0.02 ng

RT: 21.28 min Scan# 1320

Delta R.T. -0.03 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

Instrument :

BNA_E

ClientSampleId :

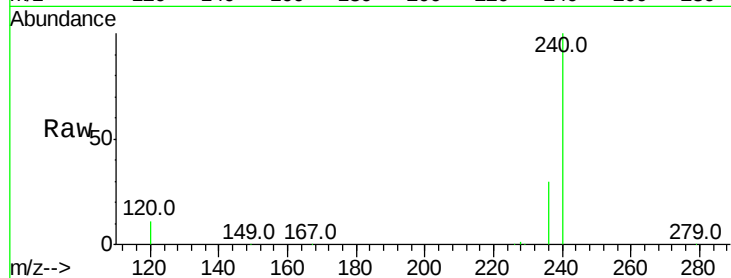
Tot Ion:228 Resp: 246

Ion Ratio Lower Upper

228 100

226 37.2 36.3 54.5

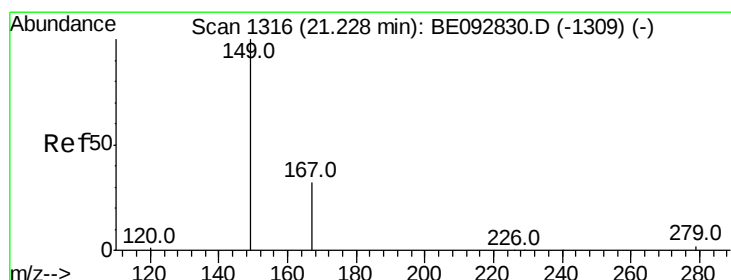
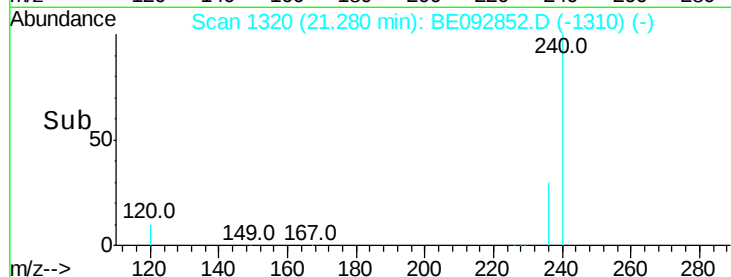
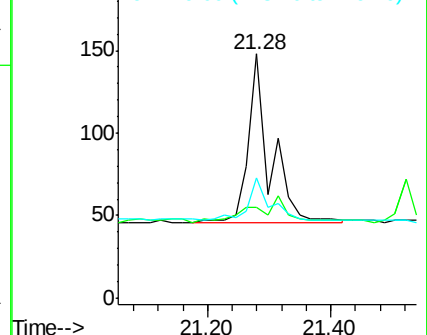
229 49.3 10.6 16.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.11 ng

RT: 21.21 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

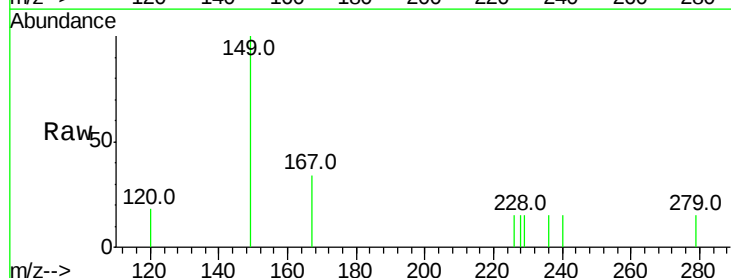
Tgt Ion:149 Resp: 331

Ion Ratio Lower Upper

149 100

167 21.8 16.0 24.0

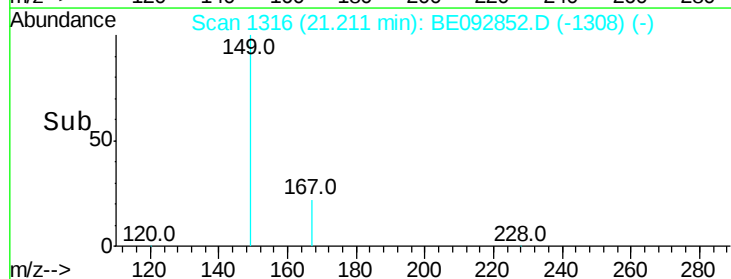
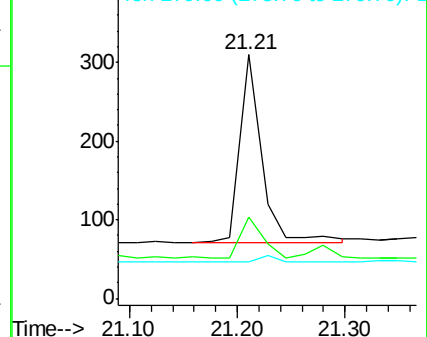
279 2.1 16.0 24.0#

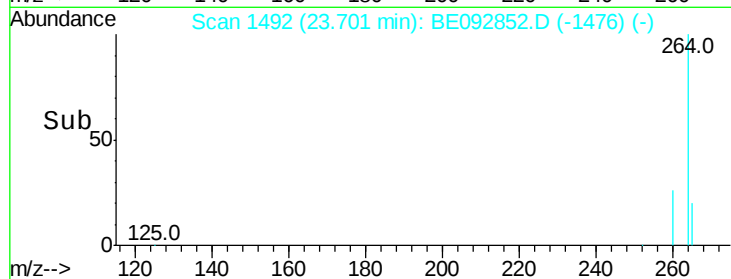
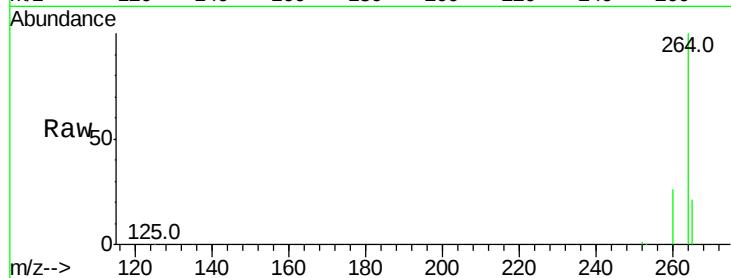
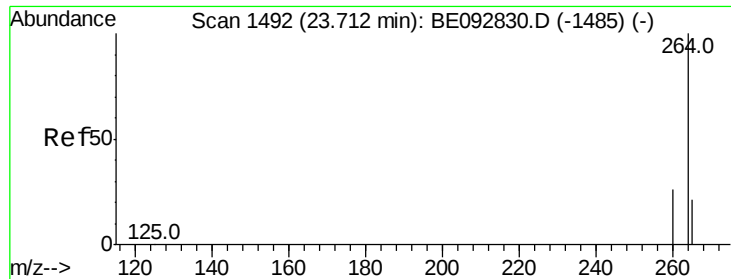


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Pervlene-d12

Concen: 5.00 ng

RT: 23.70 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 37311

Ion Ratio Lower Upper

264 100

260 26.1 20.1 30.1

265 20.7 17.9 26.9

