

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE013117\
 Data File : BE092691.D
 Acq On : 31 Jan 2017 17:42
 Operator : SJ/MA
 Sample : PB96577BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB96577BS

Quant Time: Feb 01 02:21:15 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	11623	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	53799	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	34009	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	72763	5.00	ng	0.00
24) Chrysene-d12	21.72	240	69607	5.00	ng	0.00
31) Perylene-d12	24.06	264	78718	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.64	112	26460	10.20	ng	-0.01
5) Phenol-d6	7.29	99	34334	10.79	ng	-0.04
8) Nitrobenzene-d5	9.29	82	16899	4.84	ng	-0.04
13) 2,4,6-Tribromophenol	16.28	330	9185	9.13	ng	-0.01
14) 2-Fluorobiphenyl	13.40	172	36390	4.35	ng	-0.02
26) Terphenyl-d14	20.14	244	47688	4.85	ng	-0.02

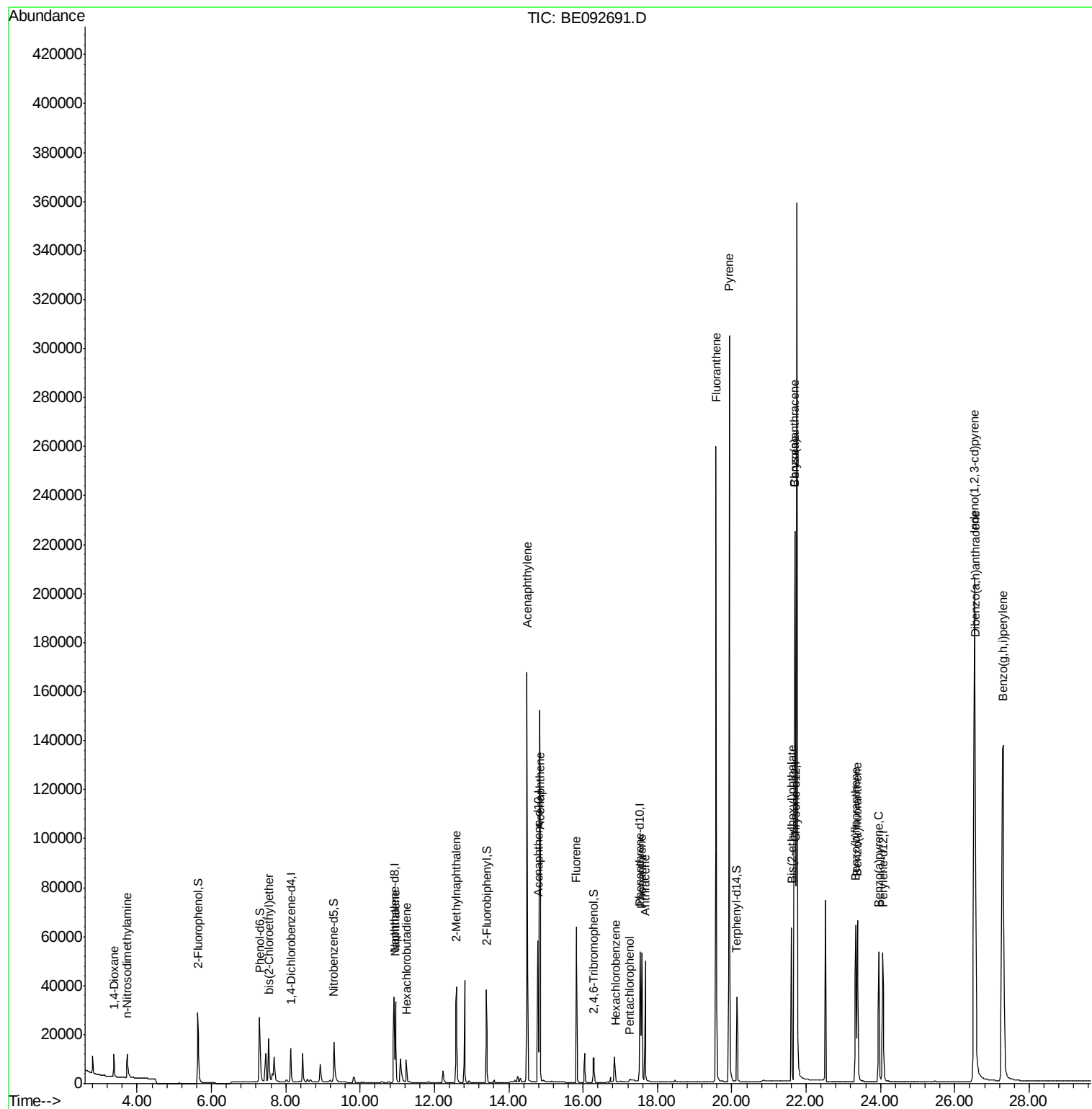
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	5334	3.40	ng	# 73
3) n-Nitrosodimethylamine	3.72	42	9194	4.38	ng	# 95
6) bis(2-Chloroethyl)ether	7.54	93	16458	4.87	ng	92
9) Naphthalene	10.95	128	49208	4.38	ng	# 95
10) Hexachlorobutadiene	11.24	225	7483	4.51	ng	99
11) 2-Methylnaphthalene	12.59	142	32846	4.71	ng	# 89
15) Acenaphthylene	14.49	152	217582	4.64	ng	100
16) Acenaphthene	14.85	154	31815	4.23	ng	90
17) Fluorene	15.82	166	42477	4.50	ng	99
19) Hexachlorobenzene	16.87	284	11263	4.74	ng	# 39
20) Pentachlorophenol	17.26	266	4697	6.28	ng	89
21) Phenanthrene	17.58	178	70308	4.38	ng	# 94
22) Anthracene	17.67	178	69574	4.69	ng	99
23) Fluoranthene	19.58	202	325358	4.57	ng	99
25) Pyrene	19.93	202	342292	4.99	ng	99
27) Benzo(a)anthracene	21.70	228	322731	4.71	ng	# 74
28) Chrysene	21.70	228	322698	4.18	ng	# 57
29) Bis(2-ethylhexyl)phthalate	21.61	149	70164	5.19	ng	# 73
30) Indeno(1,2,3-cd)pyrene	26.53	276	410814	4.93	ng	98
32) Benzo(b)fluoranthene	23.34	252	91289	4.79	ng	# 96
33) Benzo(k)fluoranthene	23.38	252	89931	4.70	ng	94
34) Benzo(a)pyrene	23.95	252	90055	5.04	ng	94
35) Dibenzo(a,h)anthracene	26.55	278	84831	4.85	ng	96
36) Benzo(g,h,i)perylene	27.30	276	349944	4.73	ng	96

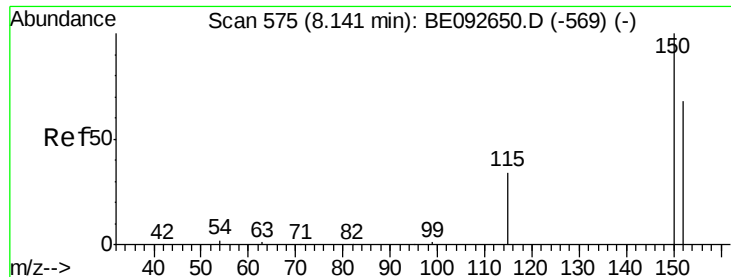
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE013117\
Data File : BE092691.D
Acq On : 31 Jan 2017 17:42
Operator : SJ/MA
Sample : PB96577BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB96577BS

Quant Time: Feb 01 02:21:15 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. 0.00 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

PB96577BS

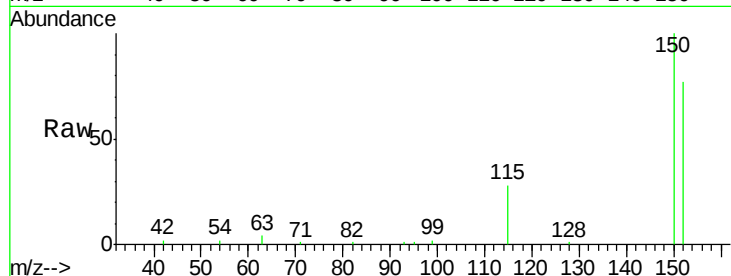
Tgt Ion:152 Resp: 11623

Ion Ratio Lower Upper

152 100

150 130.3 106.0 159.0

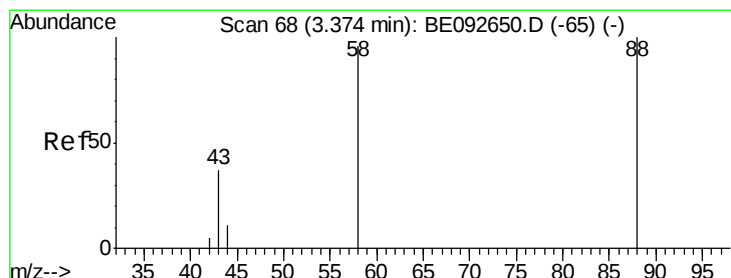
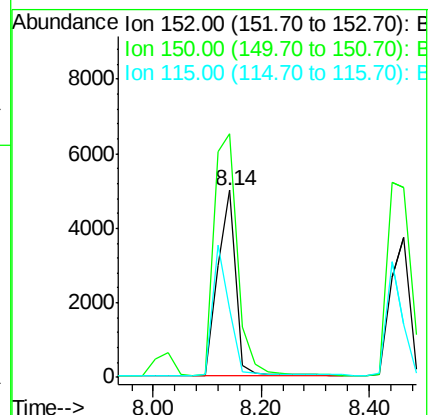
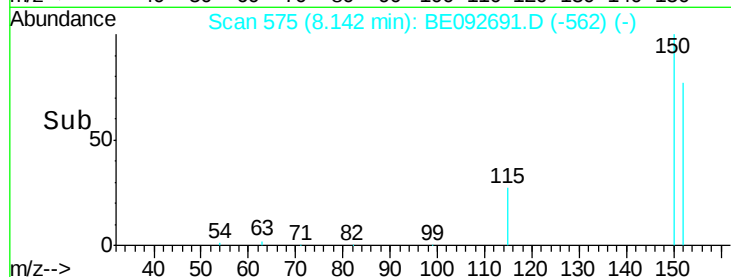
115 36.2 31.2 46.8



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



#2

1,4-Dioxane

Concen: 3.40 ng

RT: 3.37 min Scan# 68

Delta R.T. -0.00 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

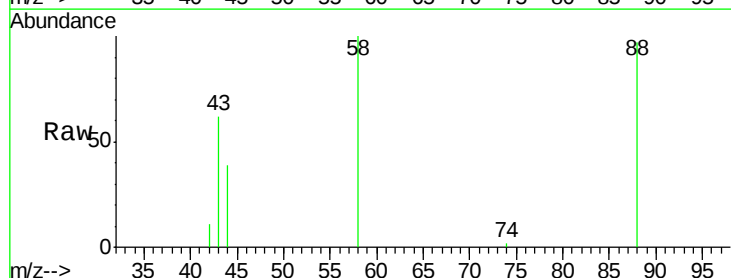
Tgt Ion: 88 Resp: 5334

Ion Ratio Lower Upper

88 100

58 95.1 63.6 95.4

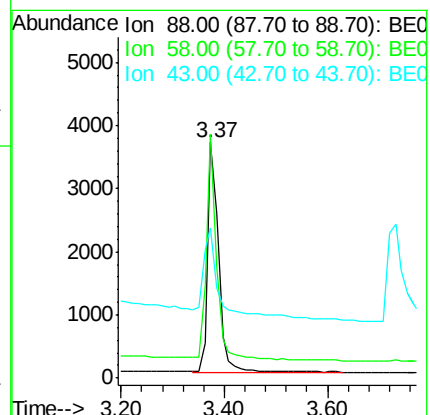
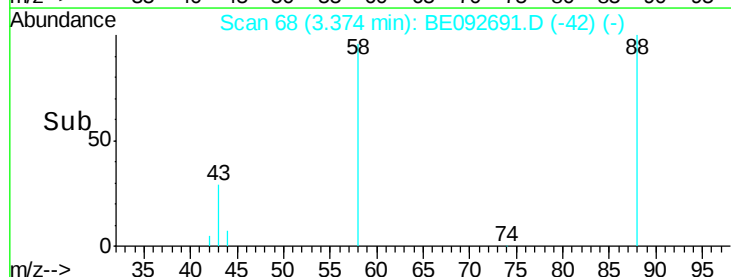
43 62.4 28.0 42.0#

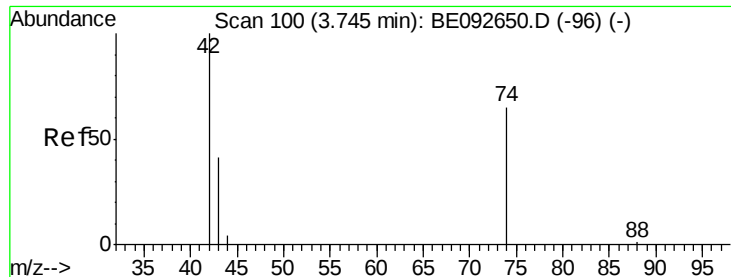


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 4.38 ng

RT: 3.72 min Scan# 98

Delta R.T. -0.02 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

PB96577BS

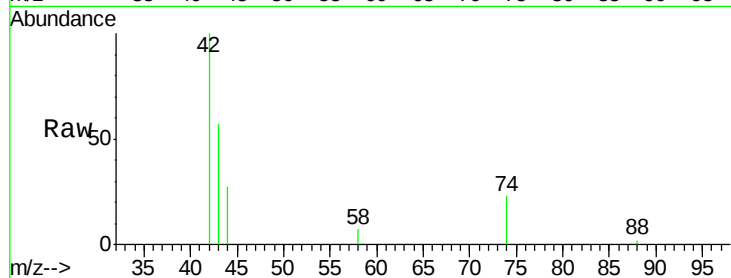
Tgt Ion: 42 Resp: 9194

Ion Ratio Lower Upper

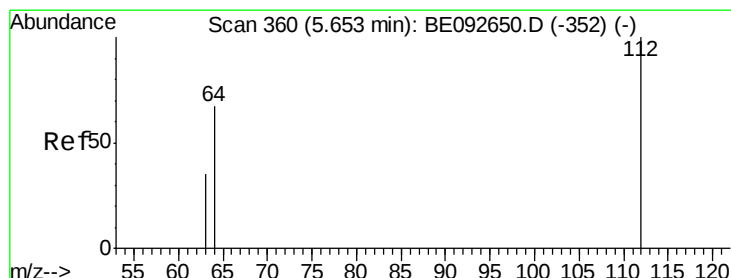
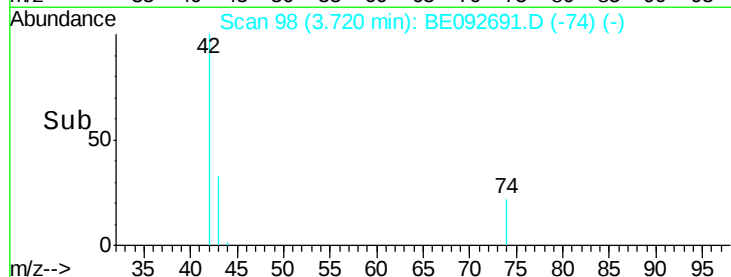
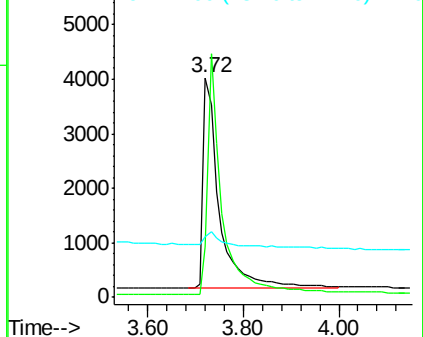
42 100

74 103.0 86.0 129.0

44 13.3 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: 10.20 ng

RT: 5.64 min Scan# 358

Delta R.T. -0.01 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

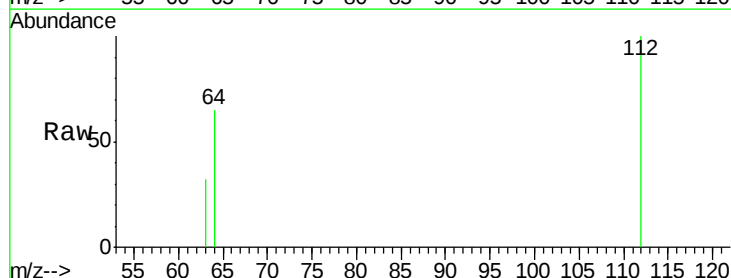
Tgt Ion: 112 Resp: 26460

Ion Ratio Lower Upper

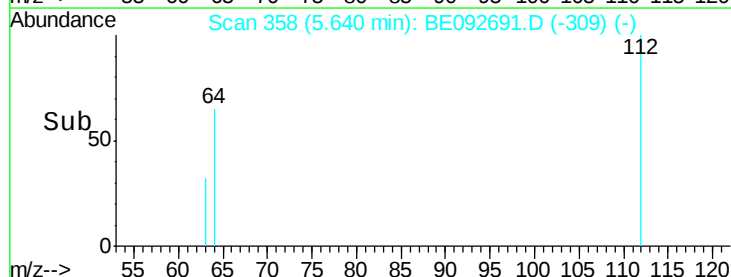
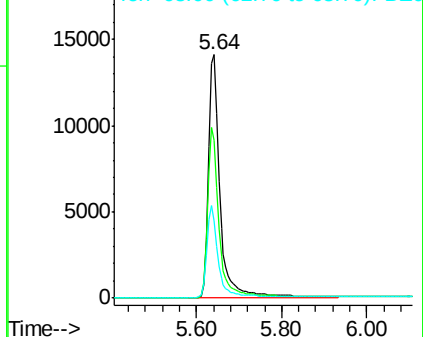
112 100

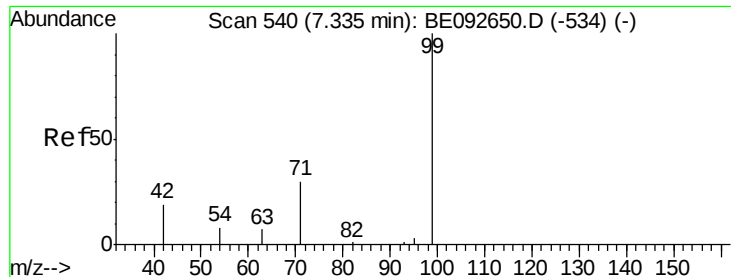
64 68.8 53.5 80.3

63 36.9 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: 10.79 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.04 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

PB96577BS

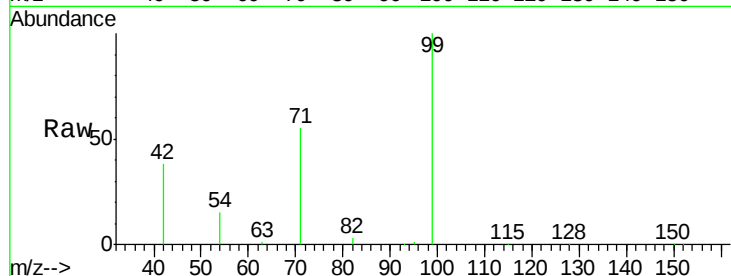
Tgt Ion: 99 Resp: 34334

Ion Ratio Lower Upper

99 100

42 26.1 16.0 24.0#

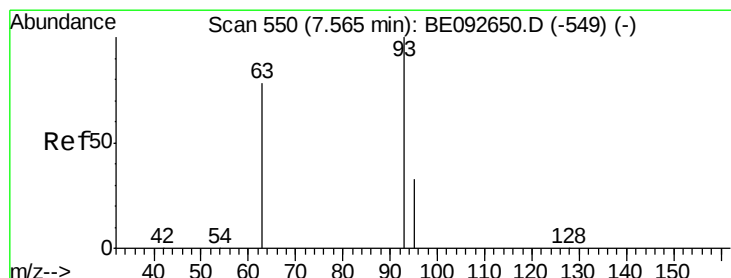
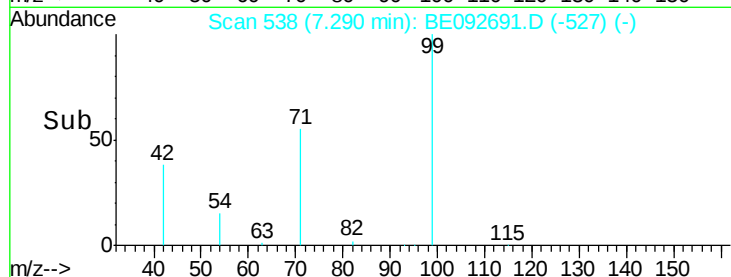
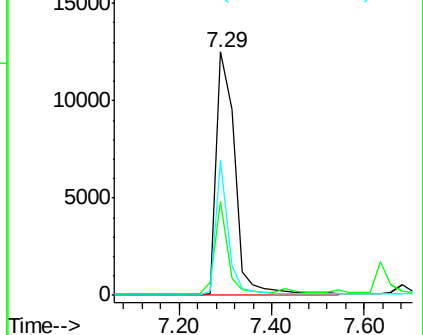
71 37.7 30.6 45.8



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: 4.87 ng

RT: 7.54 min Scan# 549

Delta R.T. -0.02 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

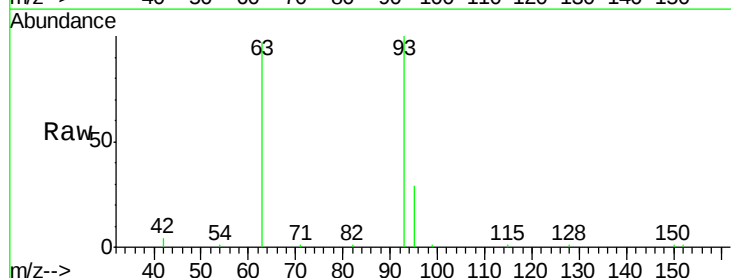
Tgt Ion: 93 Resp: 16458

Ion Ratio Lower Upper

93 100

63 80.6 71.6 107.4

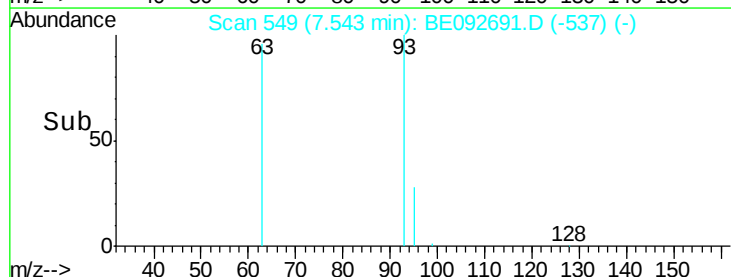
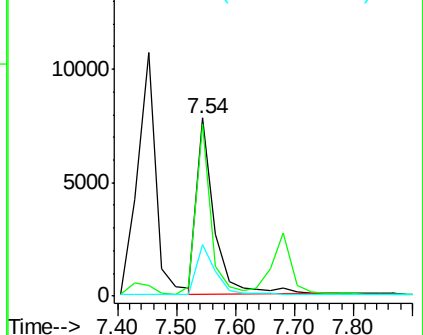
95 31.1 24.0 36.0

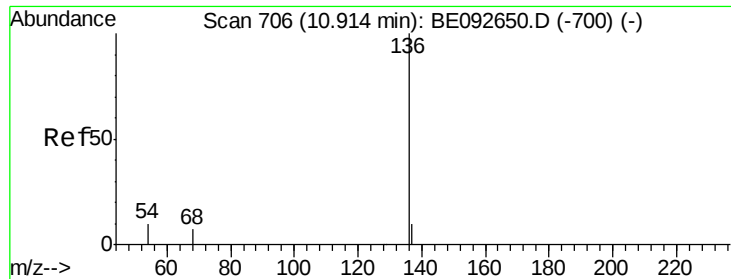


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.91 min Scan# 706

Delta R.T. 0.00 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

PB96577BS

Tgt Ion:136 Resp: 53799

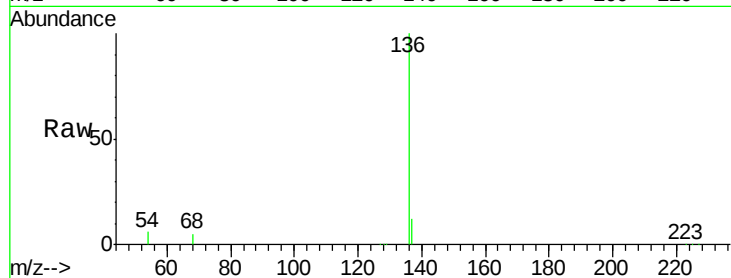
Ion Ratio Lower Upper

136 100

137 11.6 8.2 12.4

54 5.9 9.6 14.4#

68 4.5 6.7 10.1#

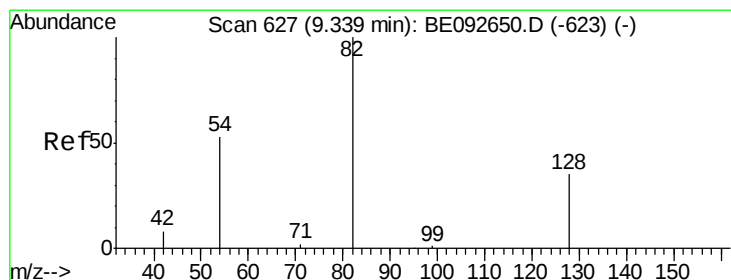
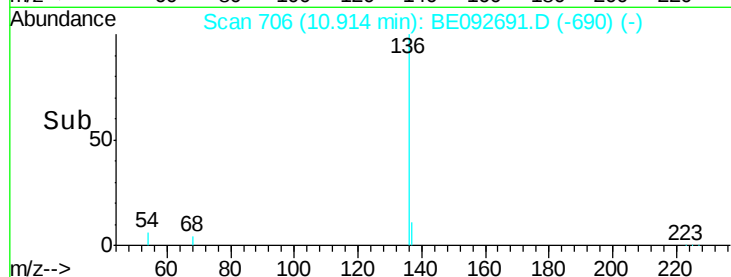
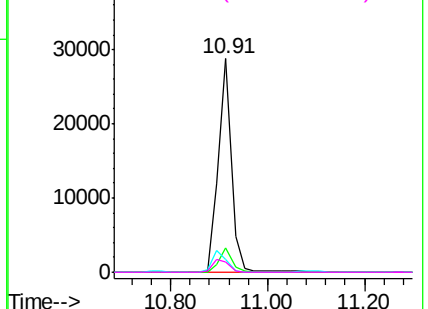


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.84 ng

RT: 9.29 min Scan# 625

Delta R.T. -0.04 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

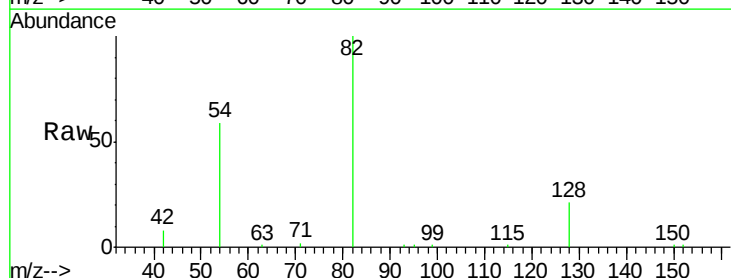
Tgt Ion: 82 Resp: 16899

Ion Ratio Lower Upper

82 100

128 21.3 39.0 58.4#

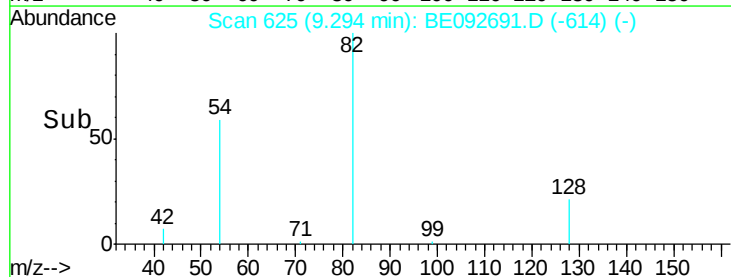
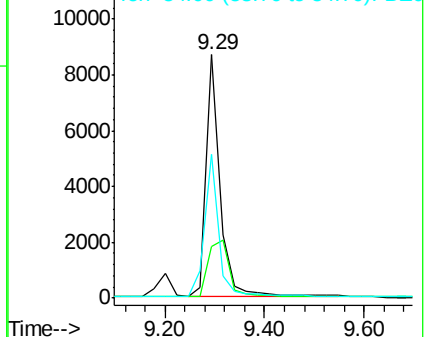
54 59.2 44.8 67.2

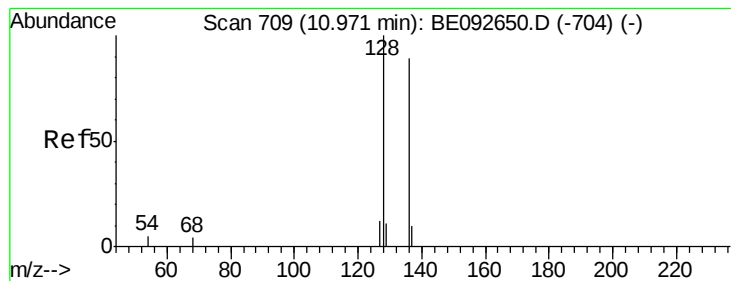


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 4.38 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.02 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

PB96577BS

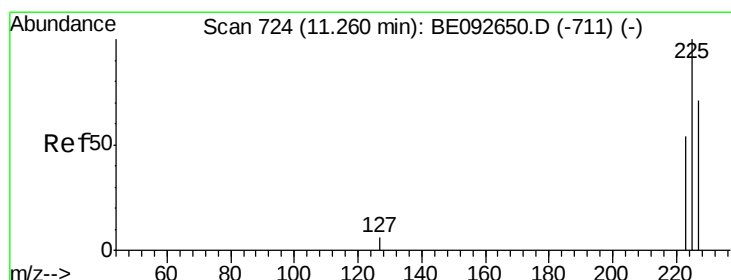
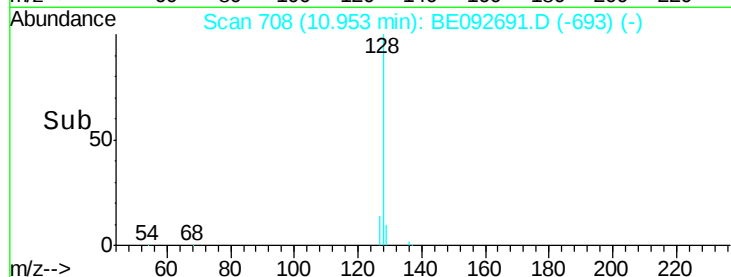
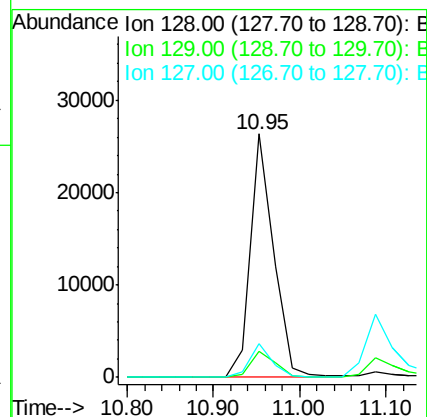
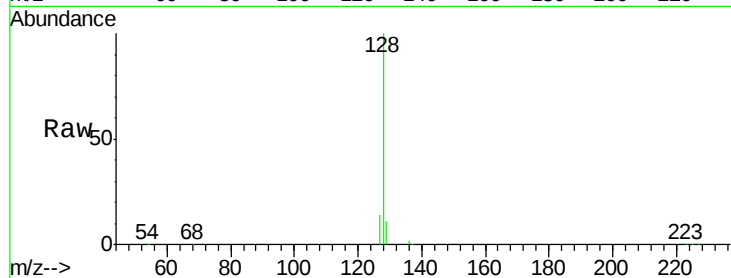
Tgt Ion:128 Resp: 49208

Ion Ratio Lower Upper

128 100

129 10.6 11.2 16.8#

127 13.7 11.6 17.4



#10

Hexachlorobutadiene

Concen: 4.51 ng

RT: 11.24 min Scan# 723

Delta R.T. -0.02 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

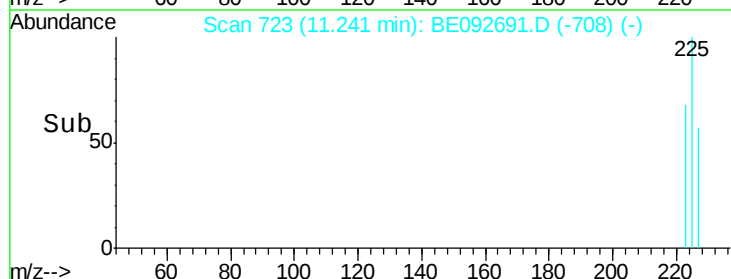
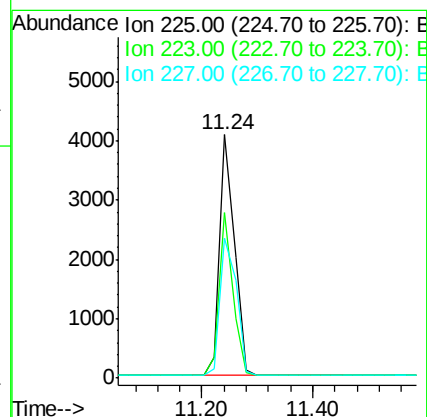
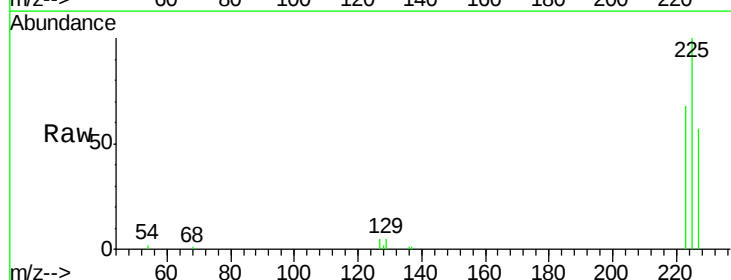
Tgt Ion:225 Resp: 7483

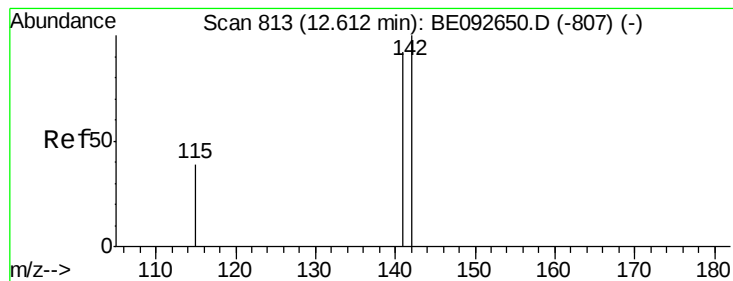
Ion Ratio Lower Upper

225 100

223 62.5 50.6 76.0

227 63.6 51.4 77.0





#11

2-Methylnaphthalene

Concen: 4.71 ng

RT: 12.59 min Scan# 811

Delta R.T. -0.02 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

PB96577BS

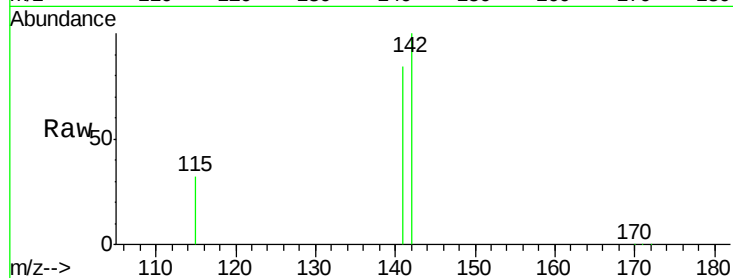
Tgt Ion:142 Resp: 32846

Ion Ratio Lower Upper

142 100

141 84.2 73.7 110.5

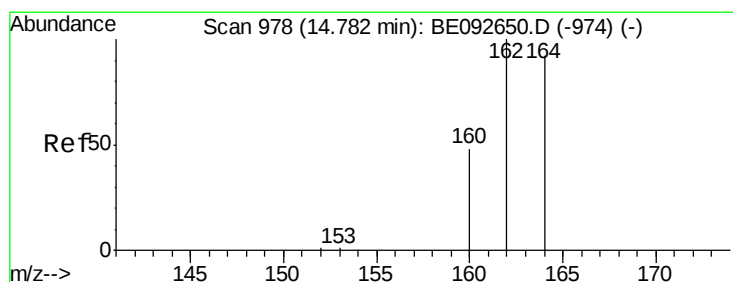
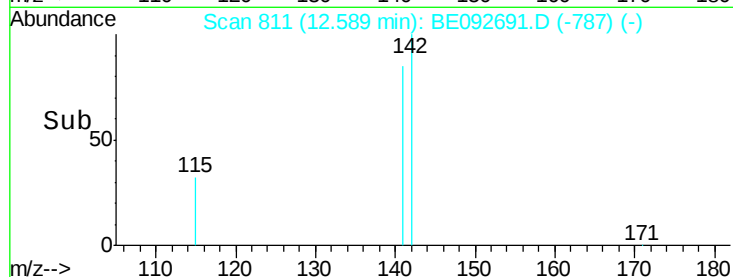
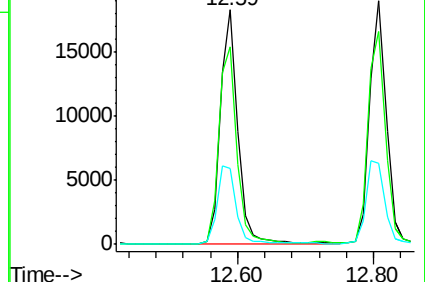
115 32.1 34.0 51.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.78 min Scan# 978

Delta R.T. -0.00 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

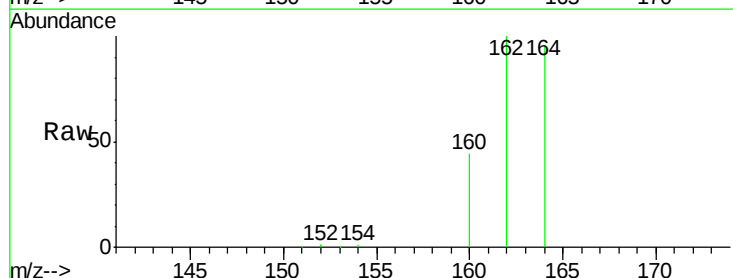
Tgt Ion:164 Resp: 34009

Ion Ratio Lower Upper

164 100

162 104.1 71.4 107.0

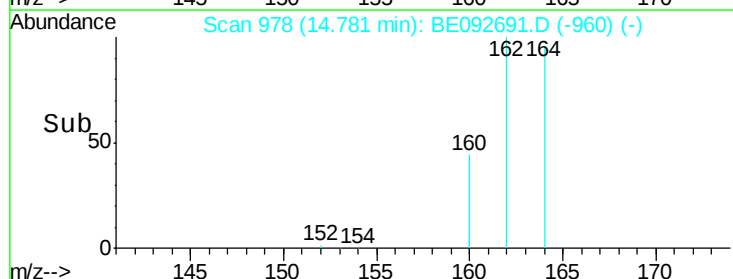
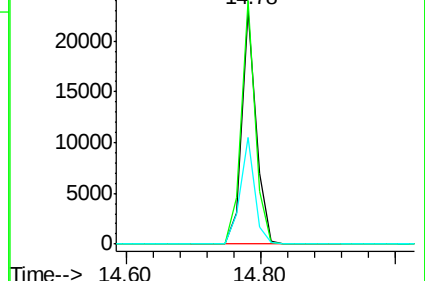
160 45.7 27.4 41.2#

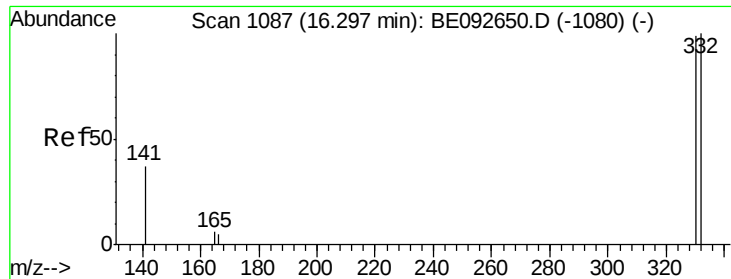


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

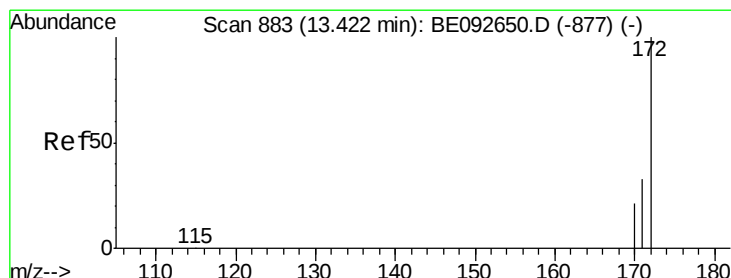
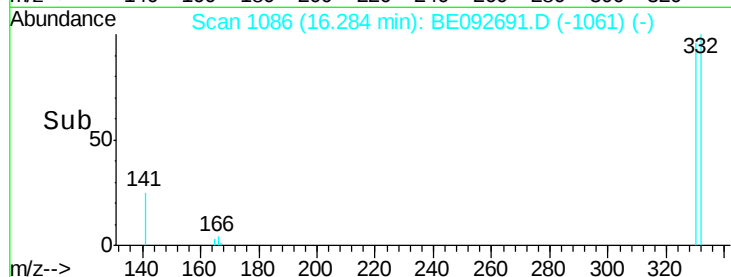
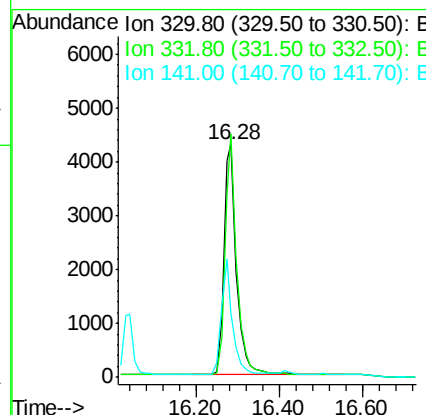
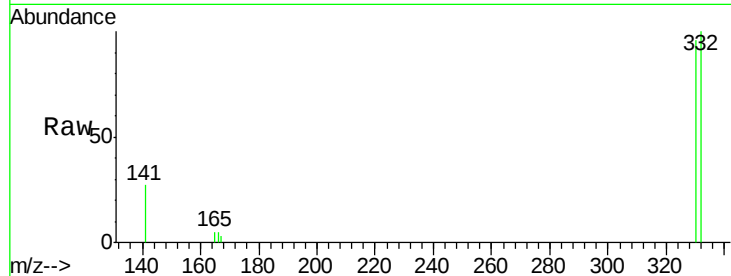




#13
 2,4,6-Tribromophenol
 Concen: 9.13 ng
 RT: 16.28 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BE092691.D
 Acq: 31 Jan 2017 17:42

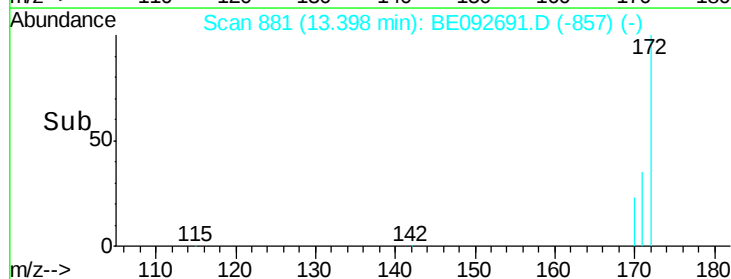
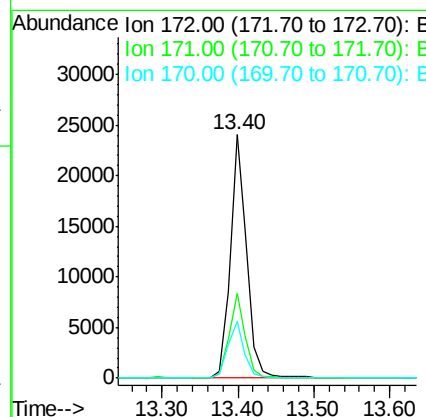
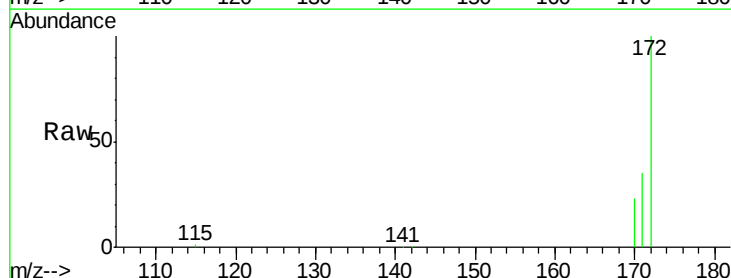
Instrument :
 BNA_E
 ClientSampleId :
 PB96577BS

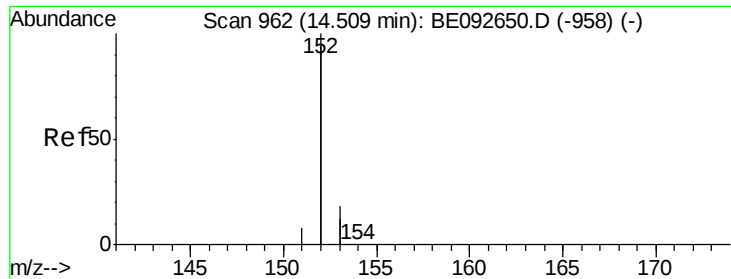
Tgt Ion:330 Resp: 9185
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.4 113.0
 141 43.3 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.35 ng
 RT: 13.40 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BE092691.D
 Acq: 31 Jan 2017 17:42

Tgt Ion:172 Resp: 36390
 Ion Ratio Lower Upper
 172 100
 171 34.9 30.1 45.1
 170 23.5 21.8 32.6





#15

Acenaphthylene

Concen: 4.64 ng

RT: 14.49 min Scan# 961

Delta R.T. -0.02 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

PB96577BS

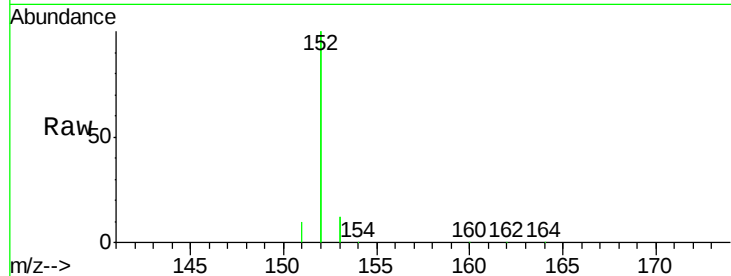
Tgt Ion:152 Resp: 217582

Ion Ratio Lower Upper

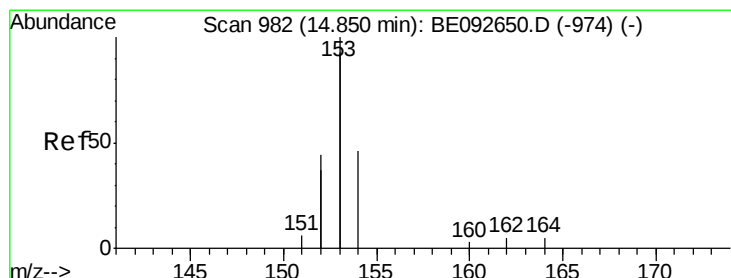
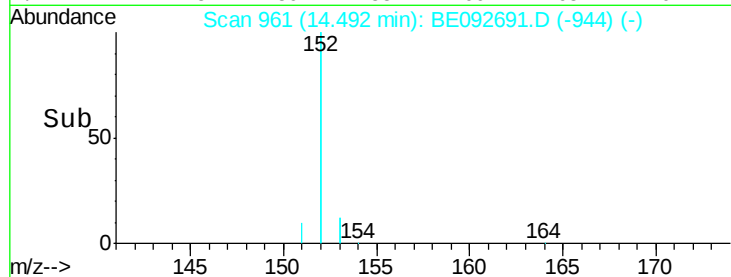
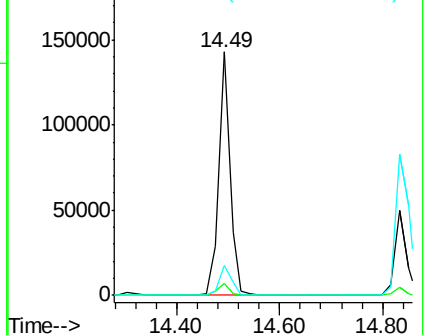
152 100

151 4.9 3.9 5.9

153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 4.23 ng

RT: 14.85 min Scan# 982

Delta R.T. -0.00 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

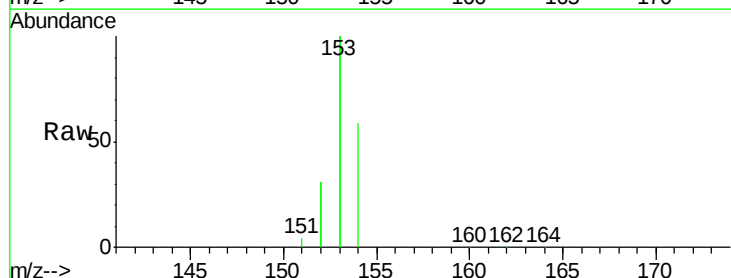
Tgt Ion:154 Resp: 31815

Ion Ratio Lower Upper

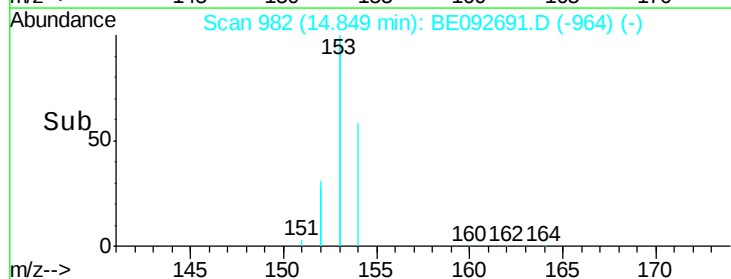
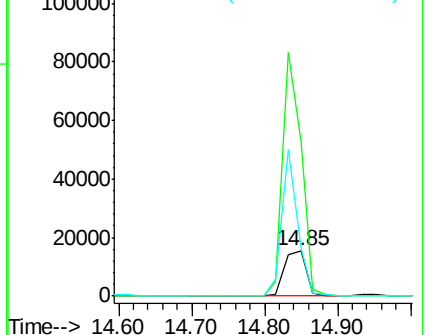
154 100

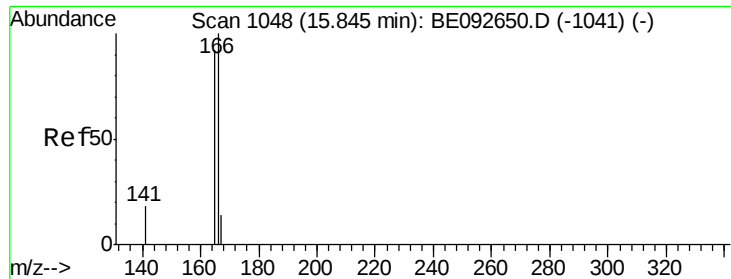
153 460.3 350.8 526.2

152 233.6 171.1 256.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 4.50 ng

RT: 15.82 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

PB96577BS

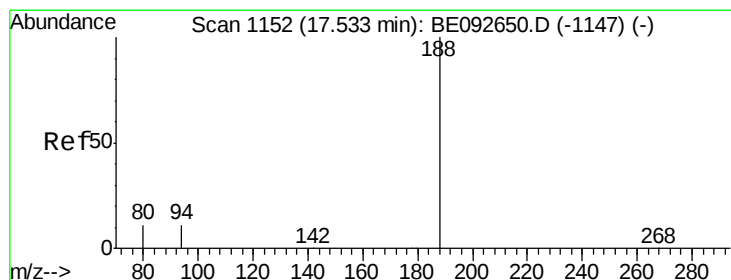
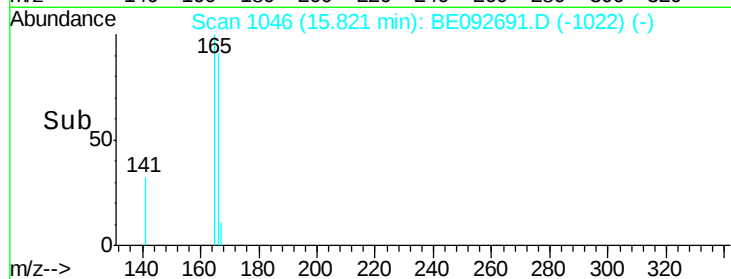
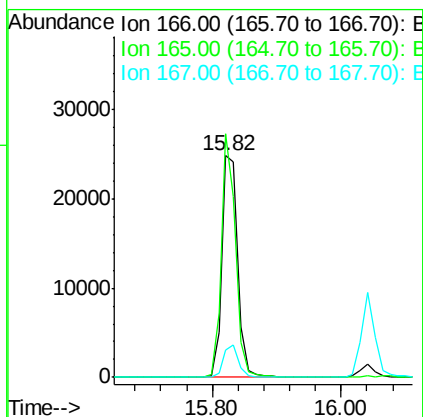
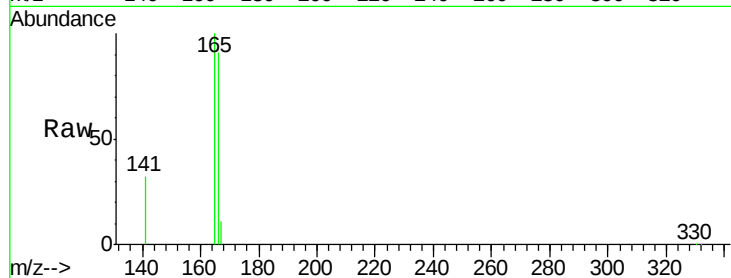
Tgt Ion:166 Resp: 42477

Ion Ratio Lower Upper

166 100

165 98.5 78.2 117.4

167 13.4 11.0 16.4



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.53 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

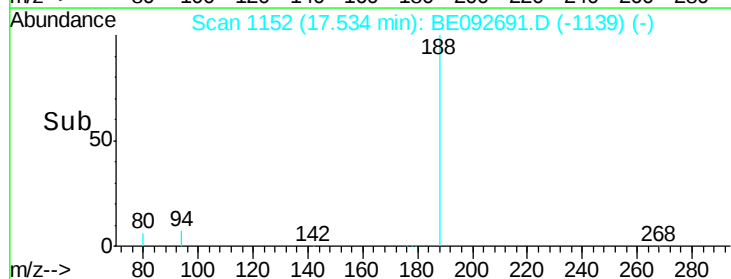
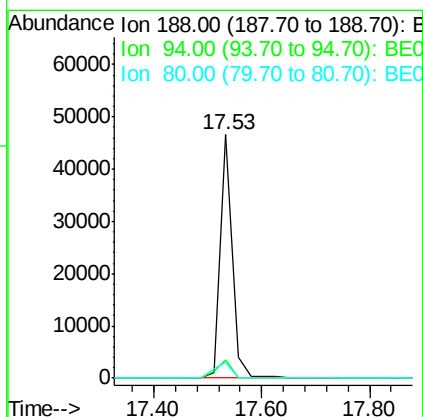
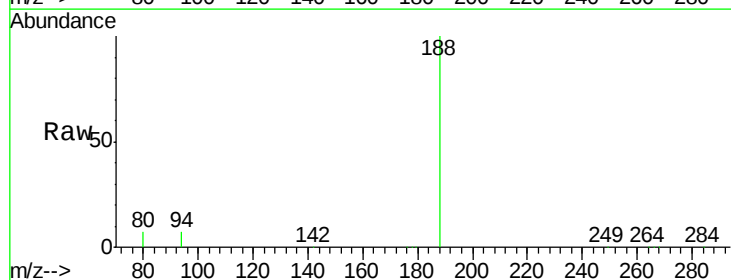
Tgt Ion:188 Resp: 72763

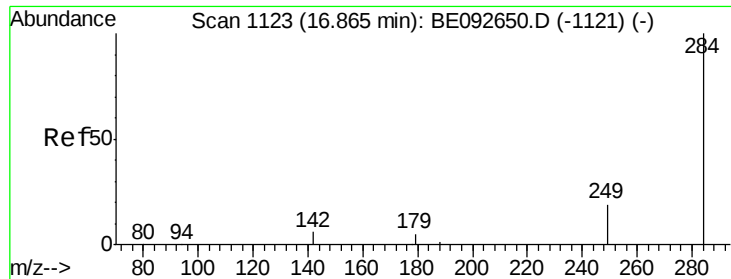
Ion Ratio Lower Upper

188 100

94 7.3 3.2 4.8#

80 6.6 2.6 3.8#

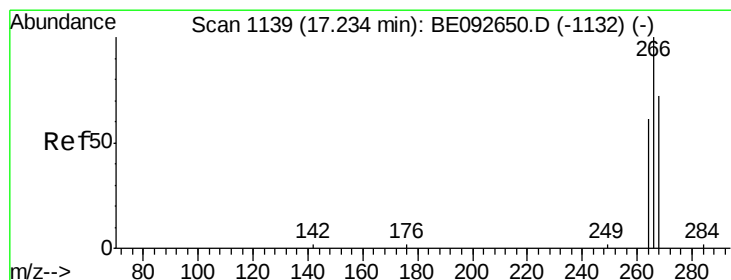
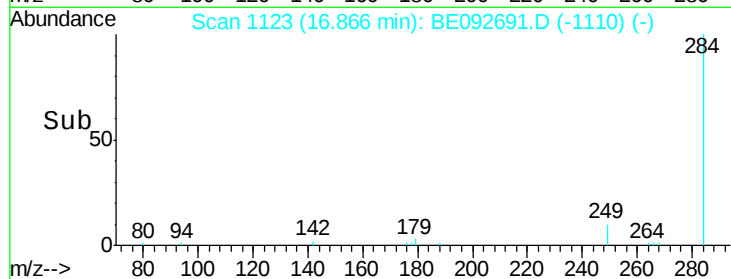
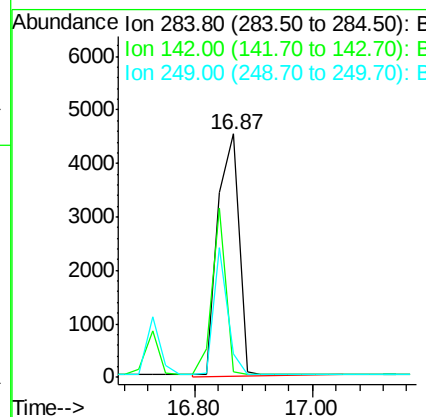
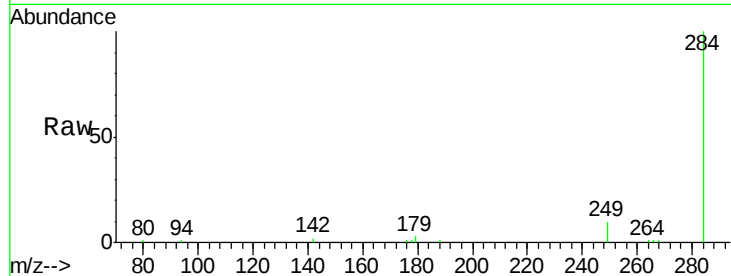




#19
Hexachlorobenzene
Concen: 4.74 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

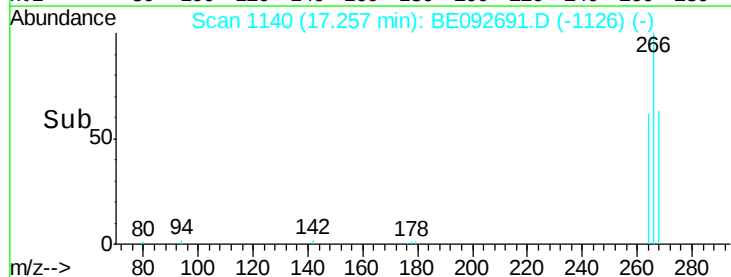
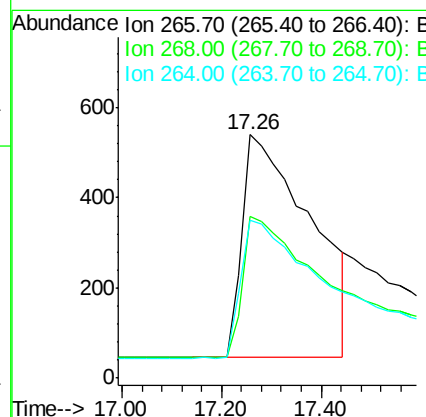
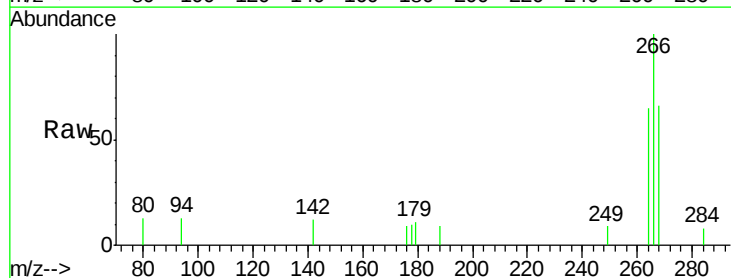
Instrument :
BNA_E
ClientSampleId :
PB96577BS

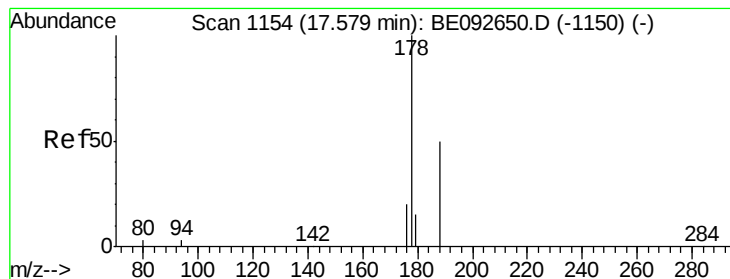
Tgt Ion: 284 Resp: 11263
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 0.0 27.9 41.9#



#20
Pentachlorophenol
Concen: 6.28 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Tgt Ion: 266 Resp: 4697
Ion Ratio Lower Upper
266 100
268 66.3 62.5 93.7
264 64.8 57.2 85.8





#21

Phenanthrene

Concen: 4.38 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

PB96577BS

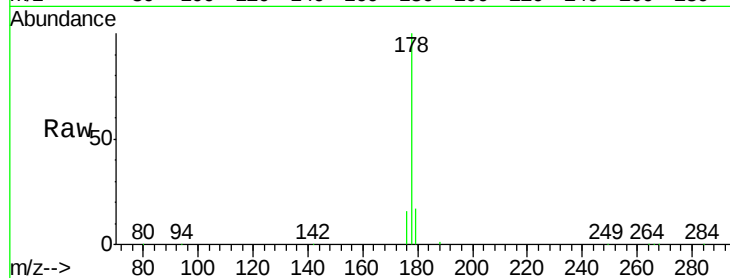
Tgt Ion:178 Resp: 70308

Ion Ratio Lower Upper

178 100

176 18.6 15.8 23.8

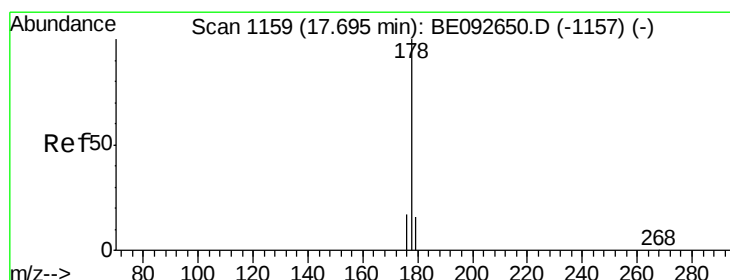
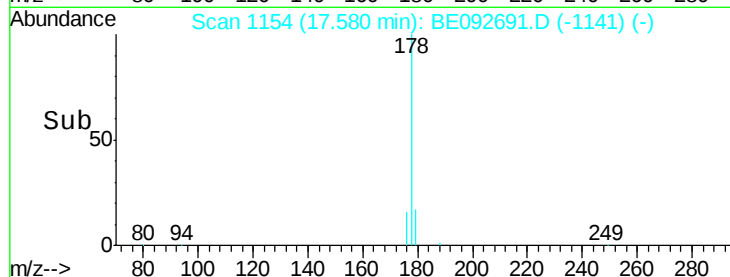
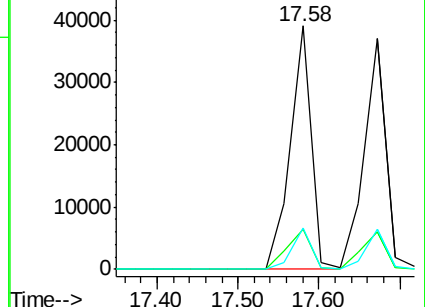
179 16.0 16.0 24.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 4.69 ng

RT: 17.67 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

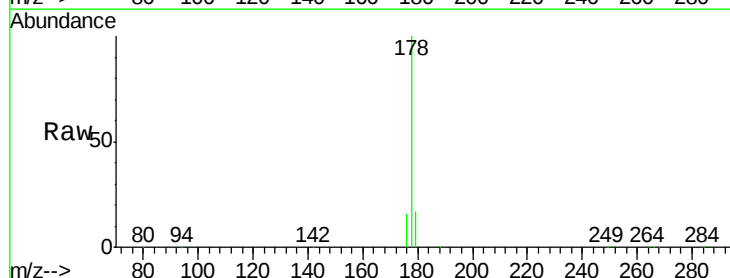
Tgt Ion:178 Resp: 69574

Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.4

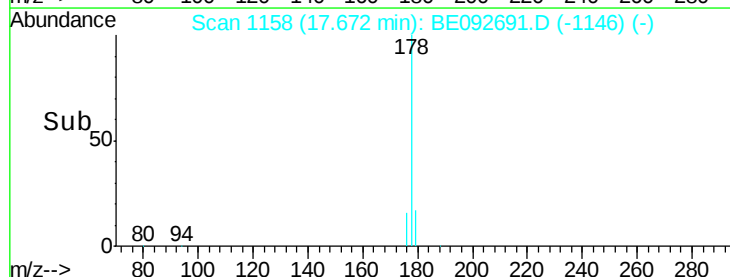
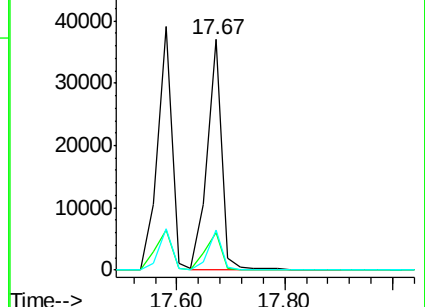
179 15.9 12.2 18.2

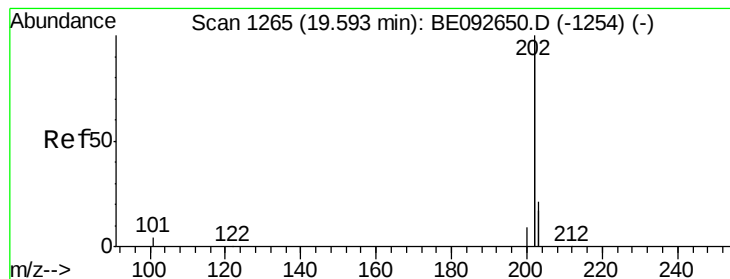


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 4.57 ng

RT: 19.58 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

PB96577BS

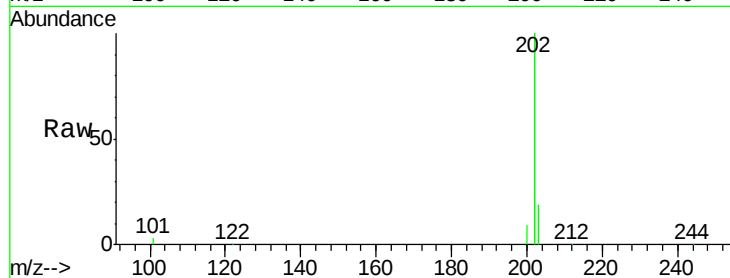
Tgt Ion: 202 Resp: 325358

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

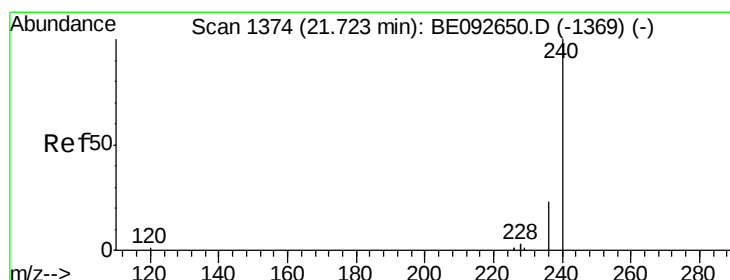
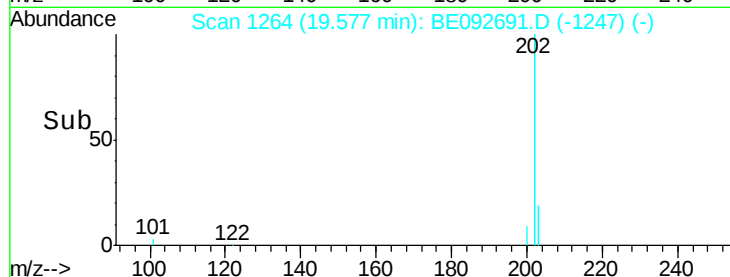
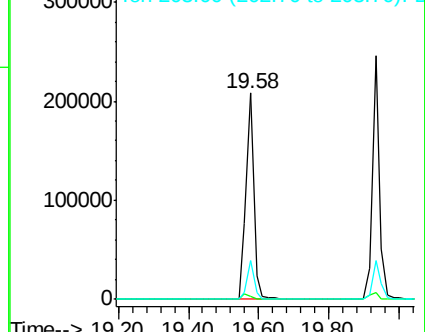
203 17.4 13.7 20.5



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: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

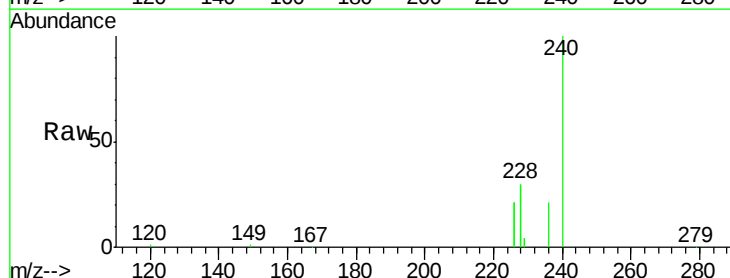
Tgt Ion: 240 Resp: 69607

Ion Ratio Lower Upper

240 100

120 0.8 2.6 4.0#

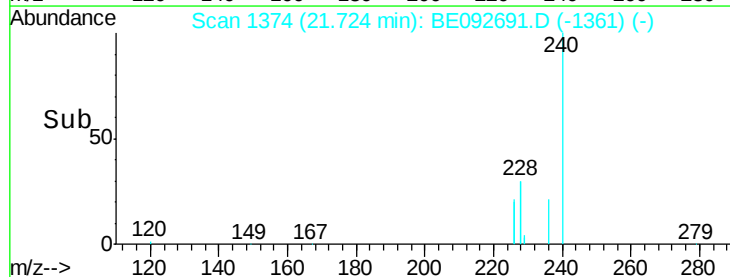
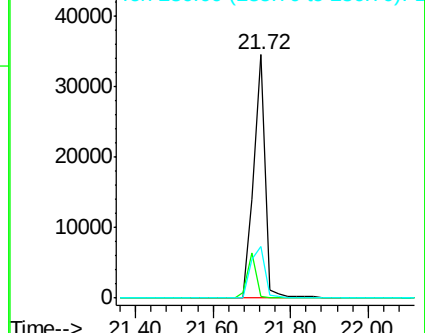
236 21.0 24.6 37.0#

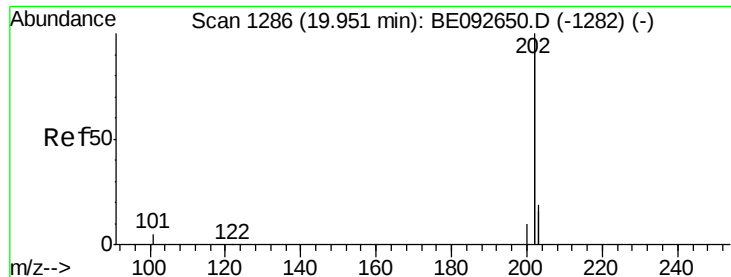


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 4.99 ng

RT: 19.93 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

PB96577BS

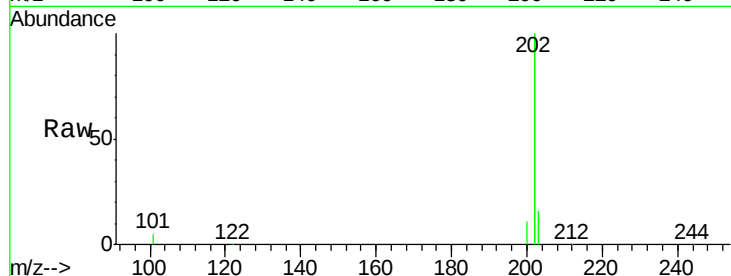
Tgt Ion: 202 Resp: 342292

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

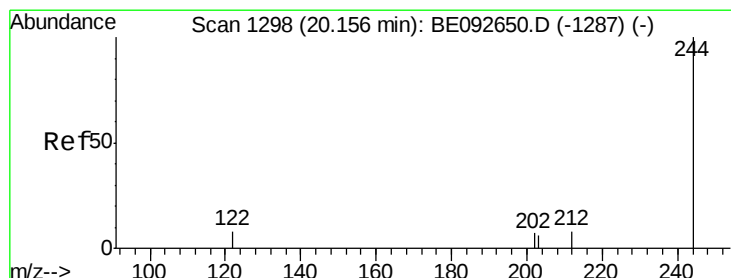
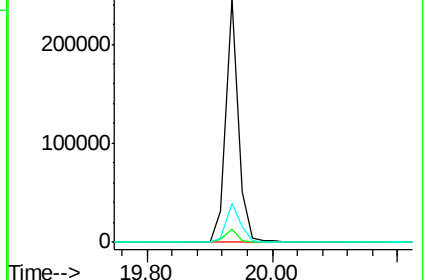
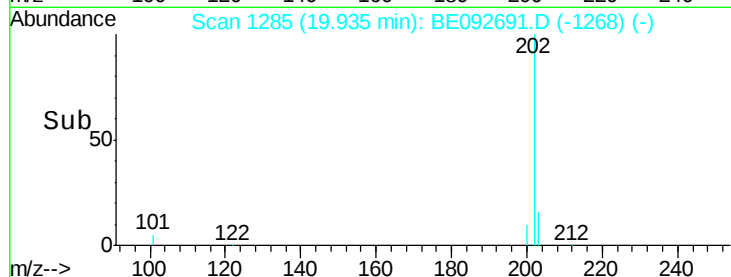
203 18.0 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Terphenyl-d14

Concen: 4.85 ng

RT: 20.14 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

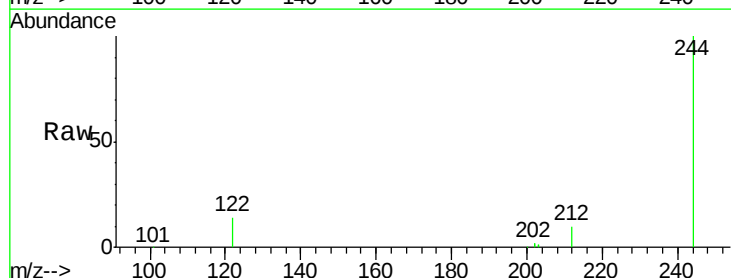
Tgt Ion: 244 Resp: 47688

Ion Ratio Lower Upper

244 100

212 9.8 6.7 10.1

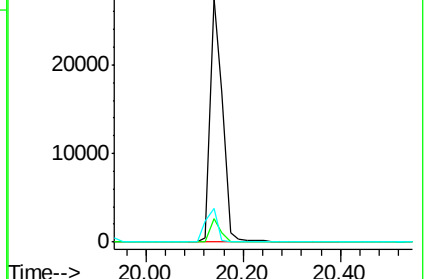
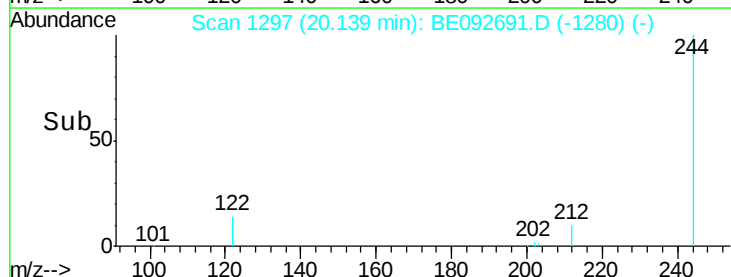
122 13.7 3.6 5.4#

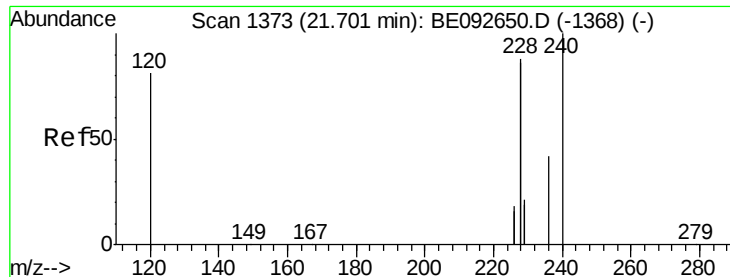


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

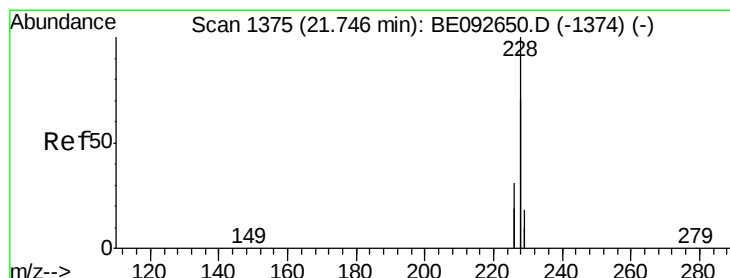
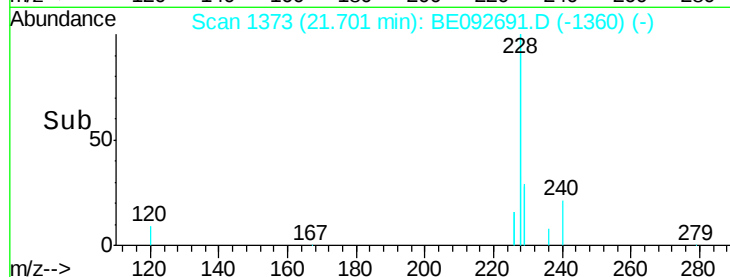
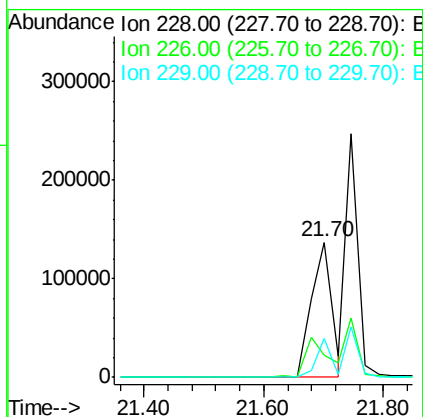
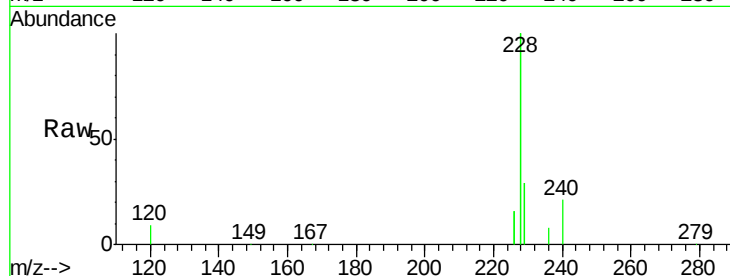




#27
Benzo(a)anthracene
Concen: 4.71 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

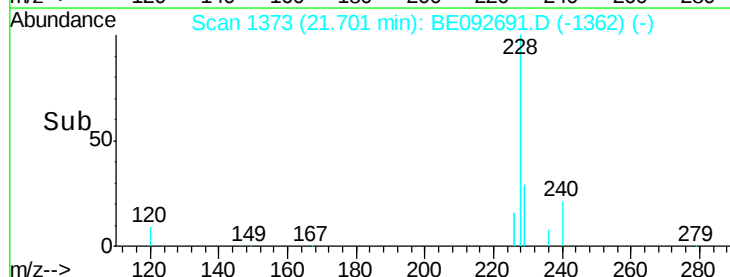
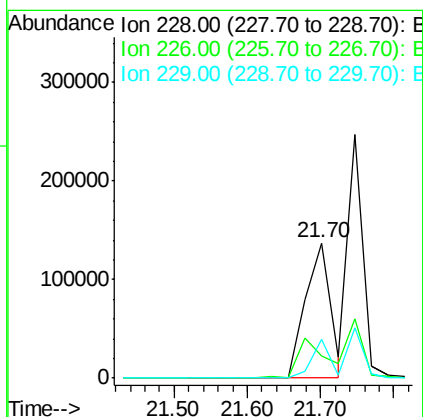
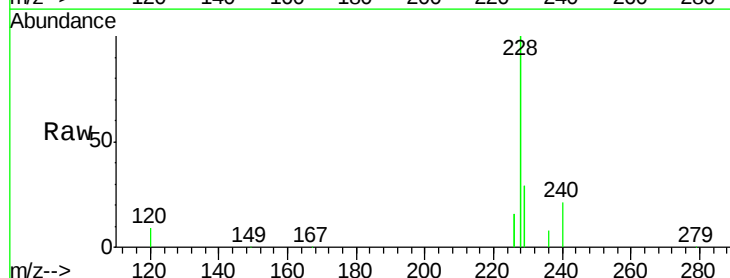
Instrument :
BNA_E
ClientSampleId :
PB96577BS

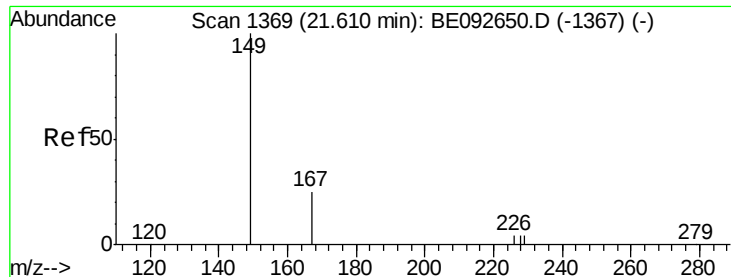
Tgt Ion:228 Resp: 322731
Ion Ratio Lower Upper
228 100
226 16.1 23.6 35.4#
229 28.7 13.3 19.9#



#28
Chrysene
Concen: 4.18 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.04 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Tgt Ion:228 Resp: 322698
Ion Ratio Lower Upper
228 100
226 16.1 36.3 54.5#
229 28.7 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 5.19 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

PB96577BS

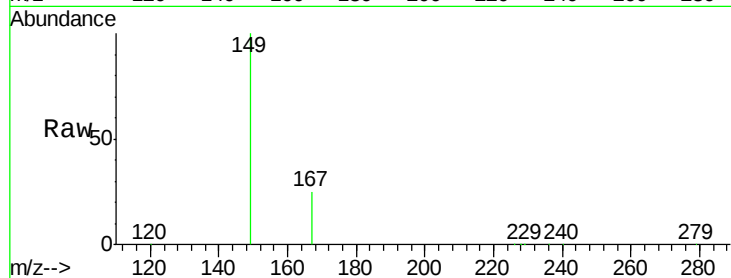
Tgt Ion:149 Resp: 70164

Ion Ratio Lower Upper

149 100

167 25.2 16.0 24.0#

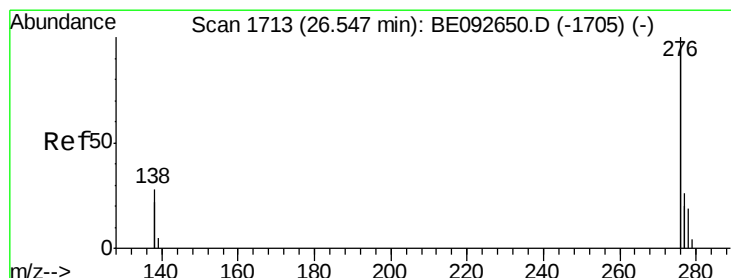
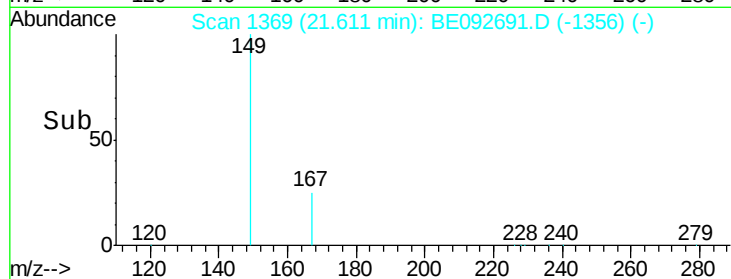
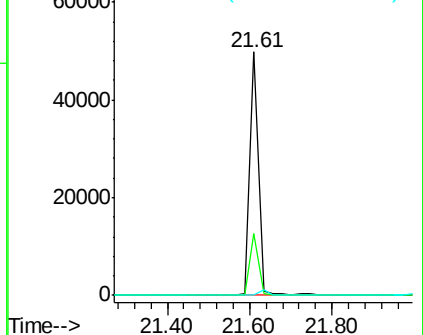
279 0.0 16.0 24.0#



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



#30

Indeno(1,2,3-cd)pyrene

Concen: 4.93 ng

RT: 26.53 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

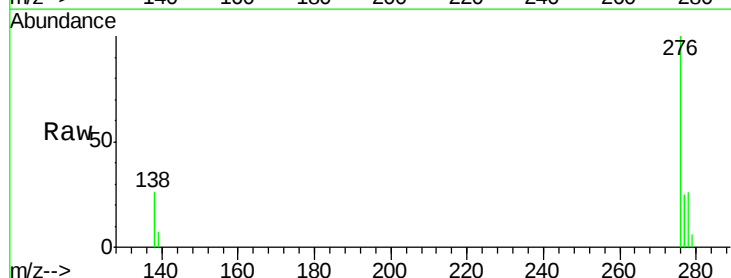
Tgt Ion:276 Resp: 410814

Ion Ratio Lower Upper

276 100

138 27.5 20.3 30.5

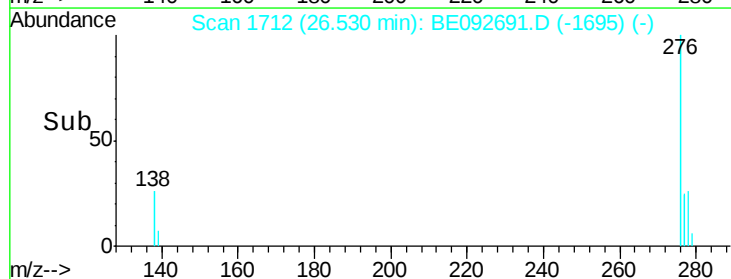
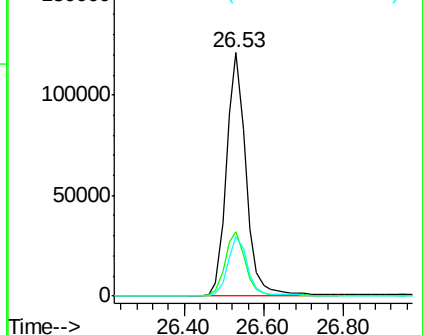
277 24.8 19.7 29.5

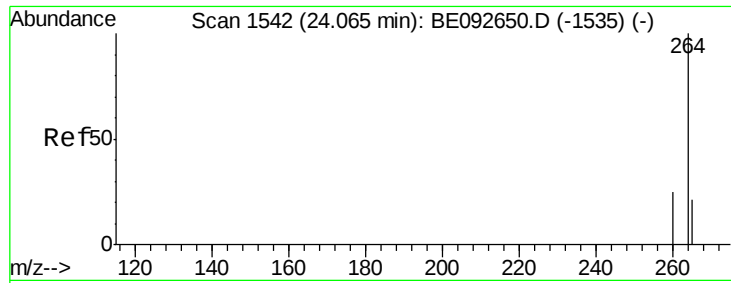


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

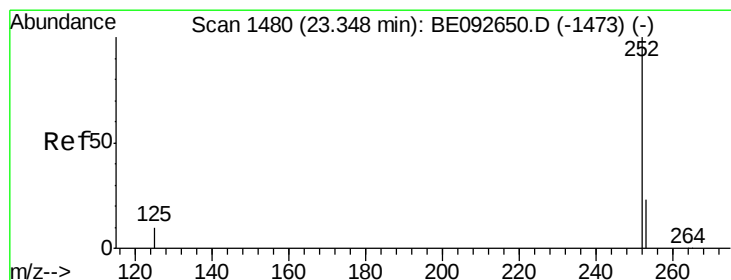
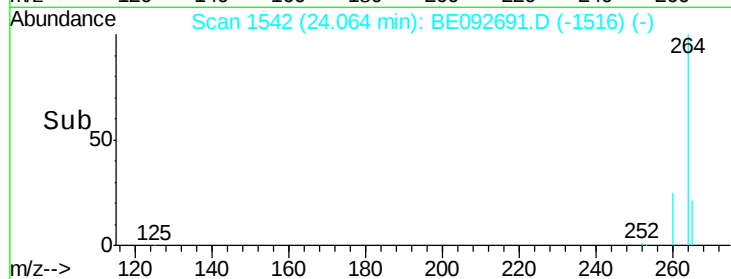
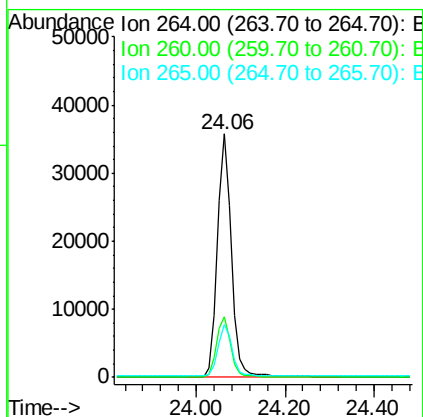
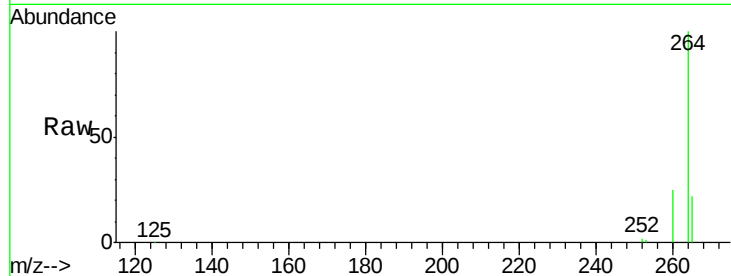




#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.06 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BE092691.D
 Acq: 31 Jan 2017 17:42

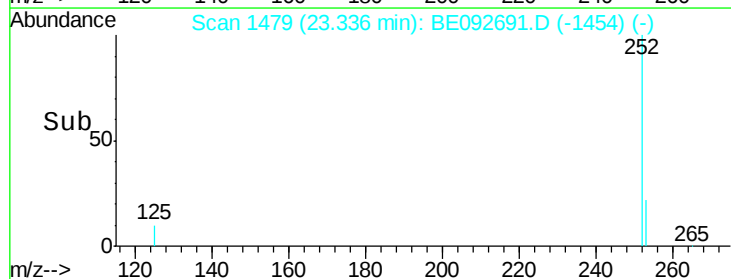
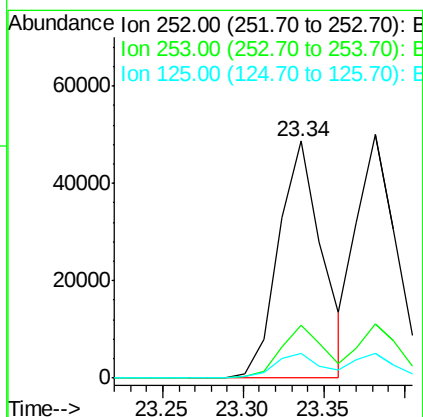
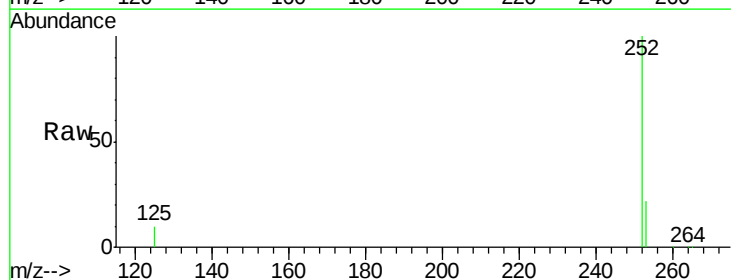
Instrument :
 BNA_E
 ClientSampleId :
 PB96577BS

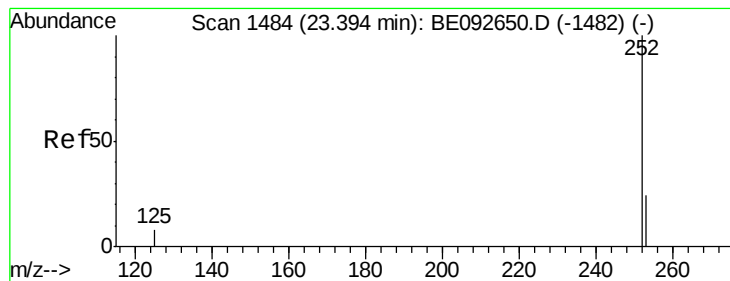
Tgt Ion: 264 Resp: 78718
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.1 30.1
 265 21.9 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 4.79 ng
 RT: 23.34 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BE092691.D
 Acq: 31 Jan 2017 17:42

Tgt Ion: 252 Resp: 91289
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.7 28.1
 125 10.3 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 4.70 ng

RT: 23.38 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

PB96577BS

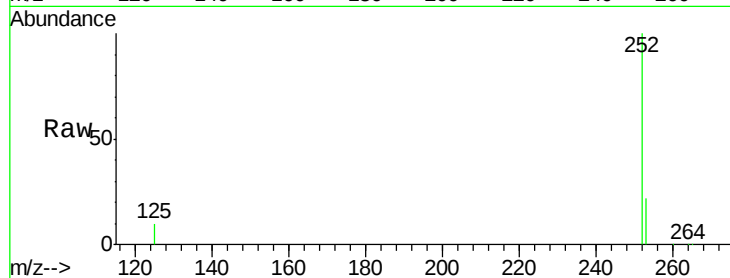
Tgt Ion:252 Resp: 89931

Ion Ratio Lower Upper

252 100

253 22.1 20.3 30.5

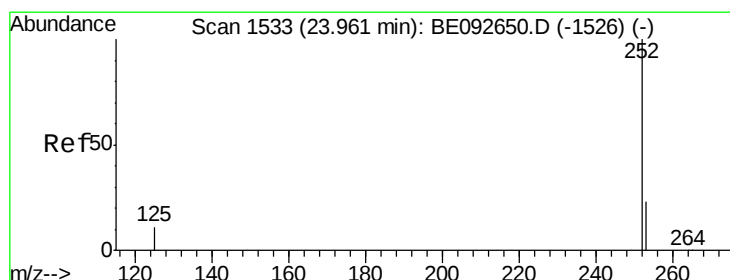
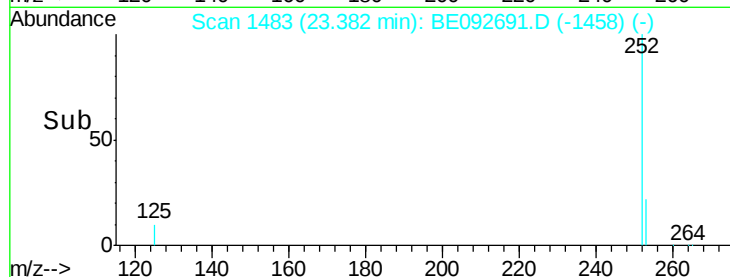
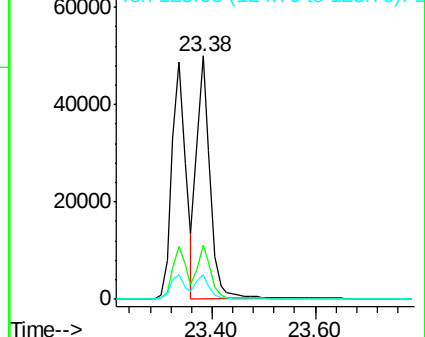
125 10.2 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(a)pyrene

Concen: 5.04 ng

RT: 23.95 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

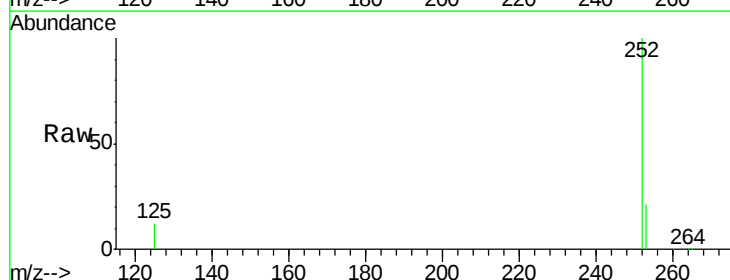
Tgt Ion:252 Resp: 90055

Ion Ratio Lower Upper

252 100

253 21.1 19.0 28.6

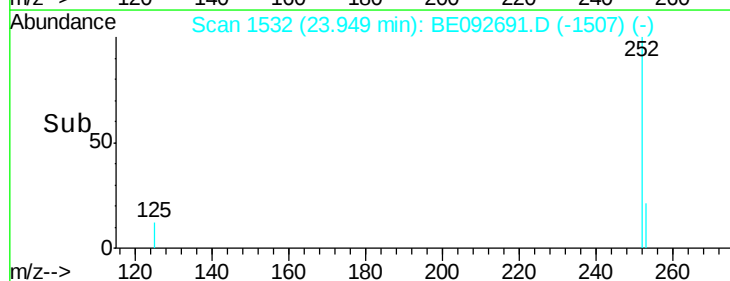
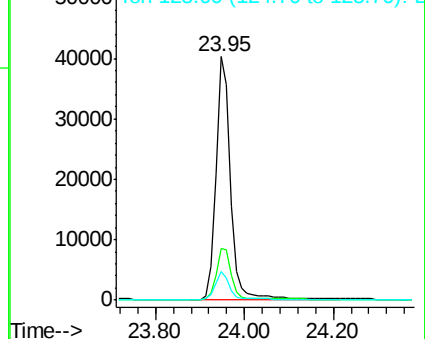
125 12.0 11.8 17.8

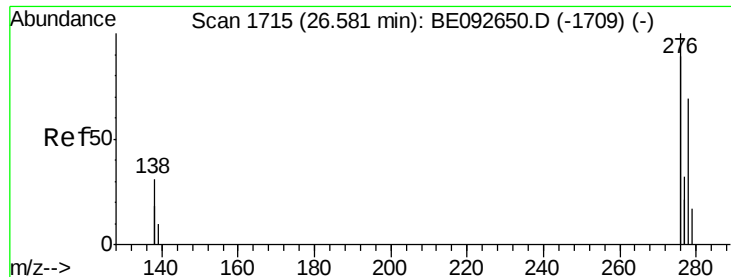


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 4.85 ng

RT: 26.55 min Scan# 1713

Delta R.T. -0.03 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

PB96577BS

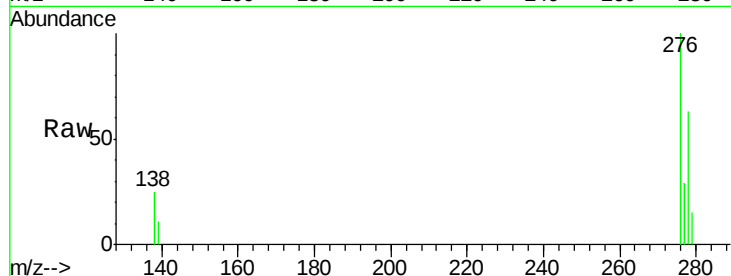
Tgt Ion: 278 Resp: 84831

Ion Ratio Lower Upper

278 100

139 16.8 13.8 20.8

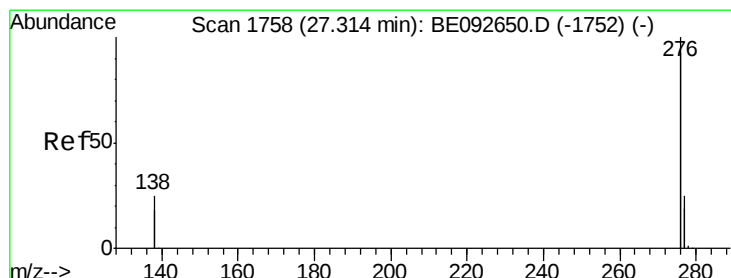
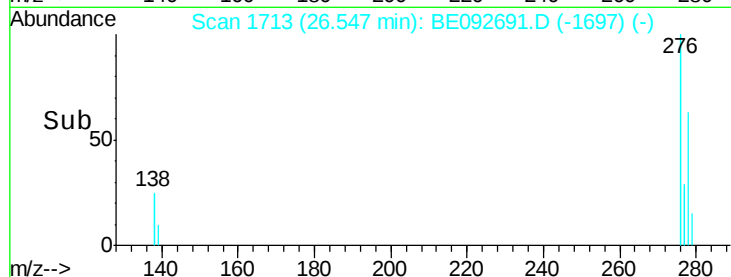
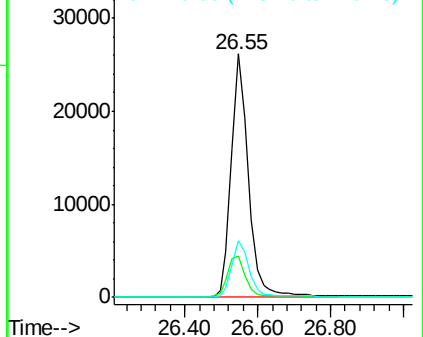
279 23.4 21.4 32.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#36

Benzo(g,h,i)perylene

Concen: 4.73 ng

RT: 27.30 min Scan# 1757

Delta R.T. -0.02 min

Lab File: BE092691.D

Acq: 31 Jan 2017 17:42

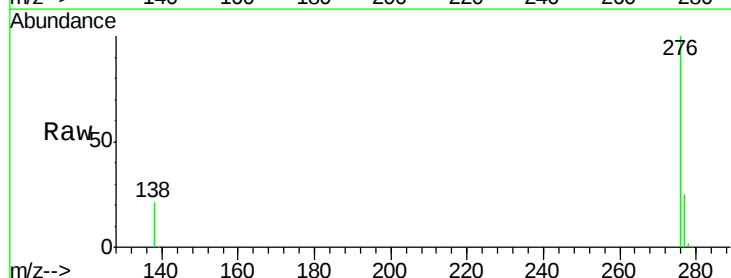
Tgt Ion: 276 Resp: 349944

Ion Ratio Lower Upper

276 100

277 24.8 19.8 29.8

138 21.1 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

