

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110816\
 Data File : BE092502.D
 Acq On : 8 Nov 2016 10:54
 Operator : UM/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 08 12:53:41 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE110816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:49:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	8119	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	38922	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	26892	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	62792	5.00	ng	0.00
24) Chrysene-d12	21.72	240	91846	5.00	ng	0.00
31) Perylene-d12	24.09	264	89677	5.00	ng	0.00

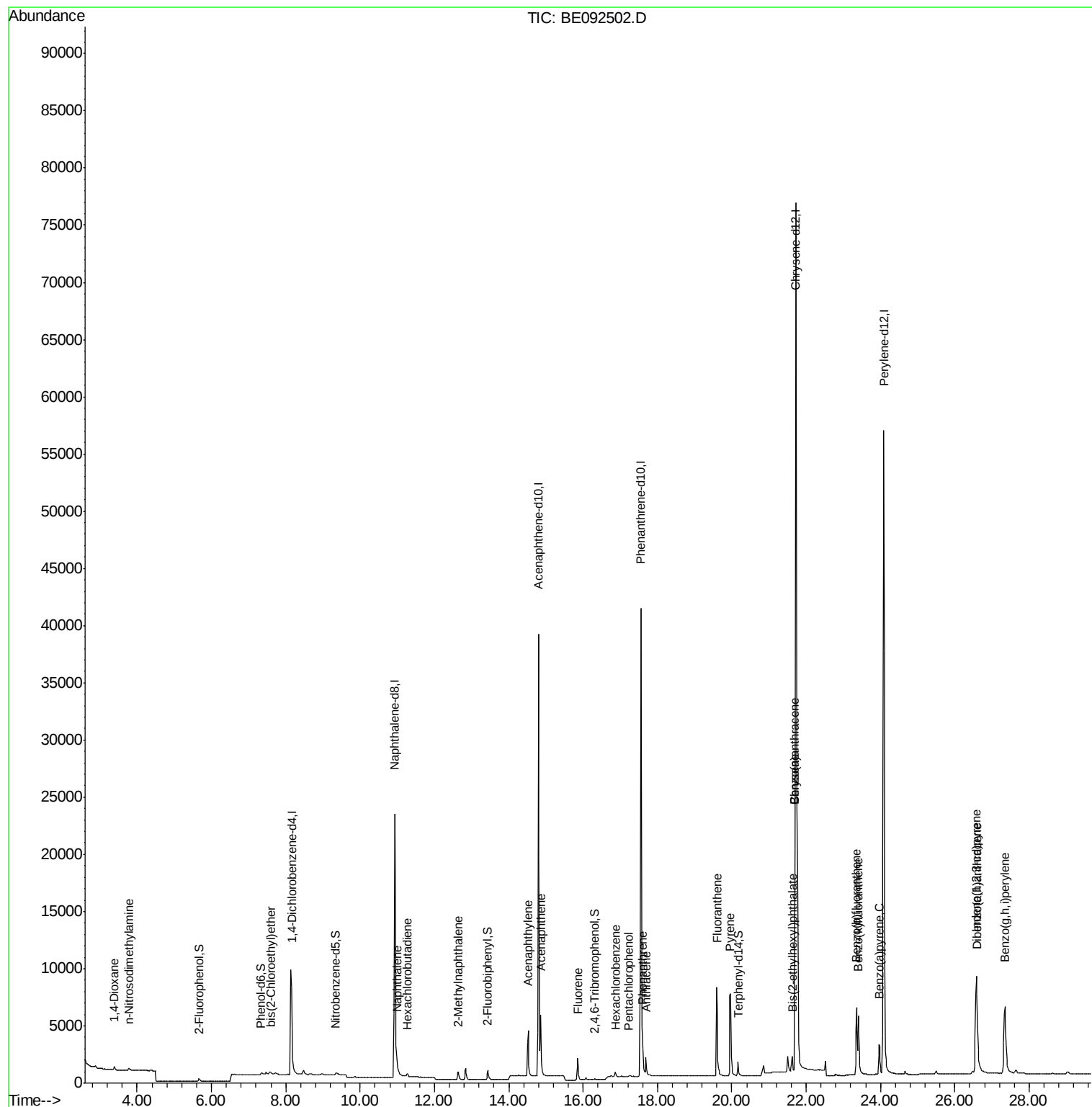
System Monitoring Compounds						
4) 2-Fluorophenol	5.66	112	337	0.27	ng	0.00
5) Phenol-d6	7.34	99	423	0.25	ng	0.00
8) Nitrobenzene-d5	9.34	82	444	0.20	ng	0.00
13) 2,4,6-Tribromophenol	16.31	330	129	0.24	ng	0.00
14) 2-Fluorobiphenyl	13.43	172	1311	0.20	ng	0.00
26) Terphenyl-d14	20.17	244	2101	0.18	ng	0.00

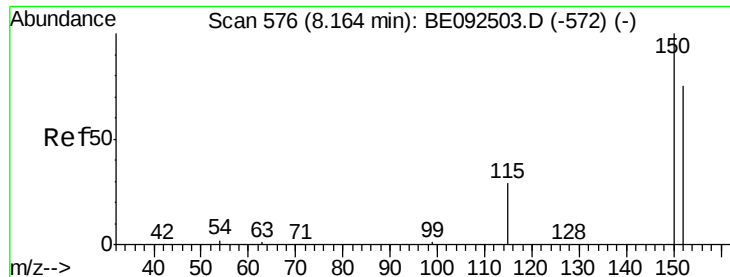
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	350	0.33	ng	# 72
3) n-Nitrosodimethylamine	3.77	42	238	0.24	ng	# 84
6) bis(2-Chloroethyl)ether	7.59	93	477	0.23	ng	# 28
9) Naphthalene	10.99	128	1697	0.20	ng	# 91
10) Hexachlorobutadiene	11.28	225	262	0.20	ng	97
11) 2-Methylnaphthalene	12.64	142	1027	0.19	ng	95
15) Acenaphthylene	14.52	152	7330	0.19	ng	100
16) Acenaphthene	14.87	154	1291	0.21	ng	95
17) Fluorene	15.86	166	1532	0.21	ng	99
19) Hexachlorobenzene	16.89	284	607	0.22	ng	# 39
20) Pentachlorophenol	17.23	266	124	0.25	ng	91
21) Phenanthrene	17.60	178	2643	0.16	ng	96
22) Anthracene	17.70	178	2564	0.18	ng	98
23) Fluoranthene	19.59	202	13401	0.21	ng	99
25) Pyrene	19.95	202	14062	0.18	ng	99
27) Benzo(a)anthracene	21.70	228	41663	0.49	ng	95
28) Chrysene	21.70	228	42046	0.47	ng	# 84
29) Bis(2-ethylhexyl)phthalate	21.63	149	2279	0.32	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.58	276	20945	0.27	ng	100
32) Benzo(b)fluoranthene	23.36	252	8845	0.40	ng	99
33) Benzo(k)fluoranthene	23.40	252	9062	0.41	ng	98
34) Benzo(a)pyrene	23.97	252	4764	0.24	ng	# 92
35) Dibenzo(a,h)anthracene	26.60	278	4243	0.22	ng	# 95
36) Benzo(g,h,i)perylene	27.35	276	17531	0.22	ng	94

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

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 08 12:53:41 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE110816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:49:14 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. 0.00 min

Lab File: BE092502.D

Acq: 8 Nov 2016 10:54

Instrument :

BNA_E

ClientSampleId :

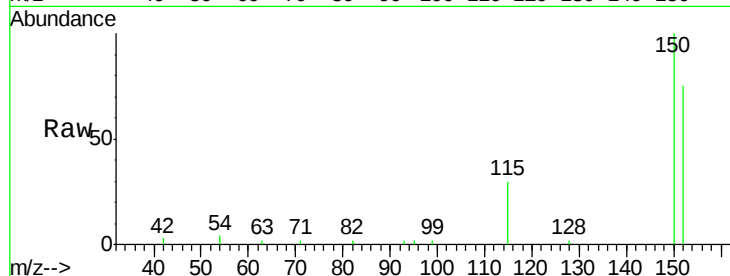
Tot Ion:152 Resp: 8119

Ion Ratio Lower Upper

152 100

150 133.3 106.0 159.0

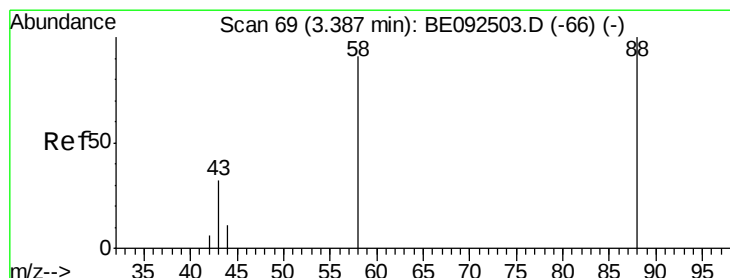
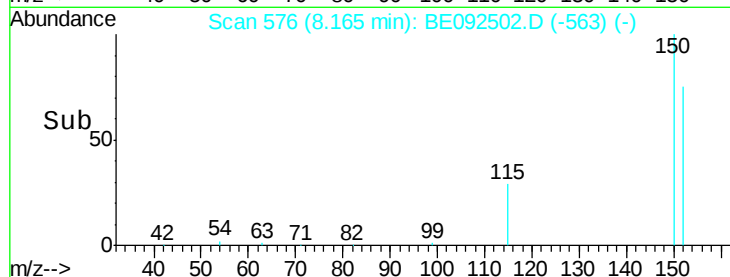
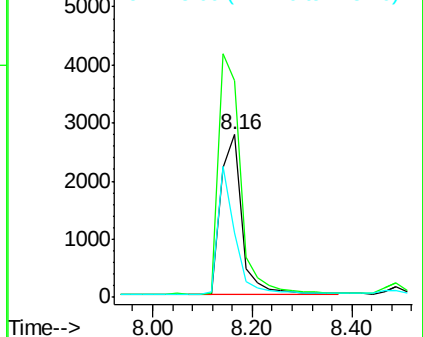
115 39.7 31.2 46.8



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: 0.33 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092502.D

Acq: 8 Nov 2016 10:54

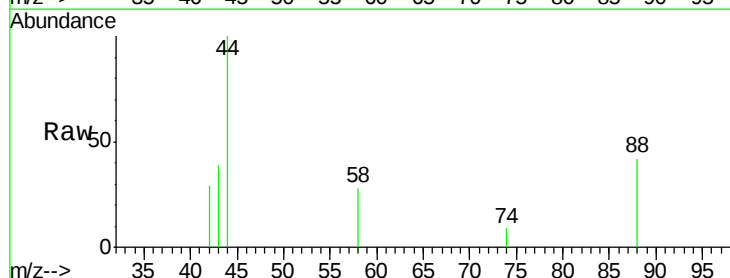
Tgt Ion: 88 Resp: 350

Ion Ratio Lower Upper

88 100

58 54.0 63.6 95.4#

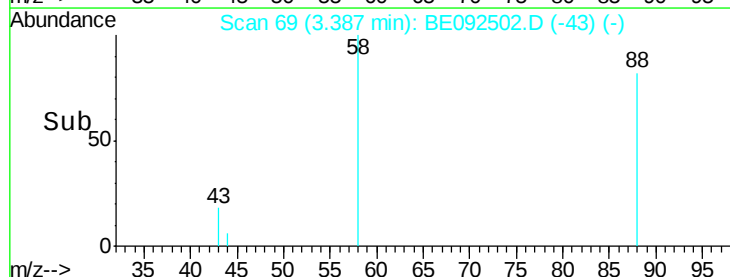
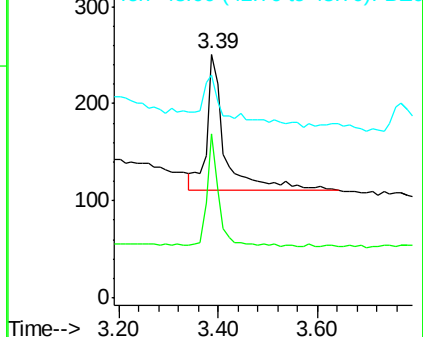
43 49.4 28.0 42.0#

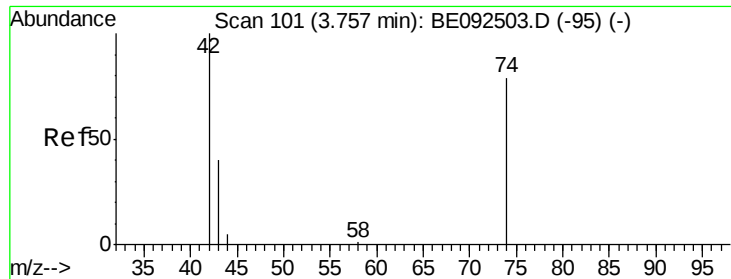


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



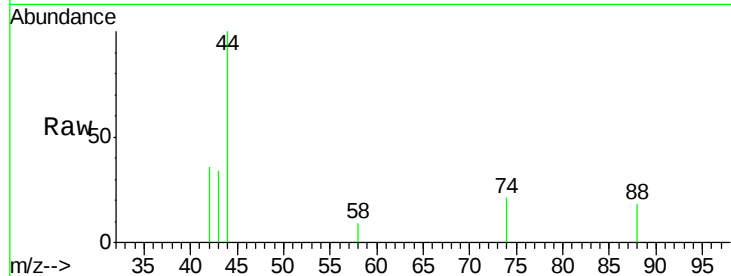


#3

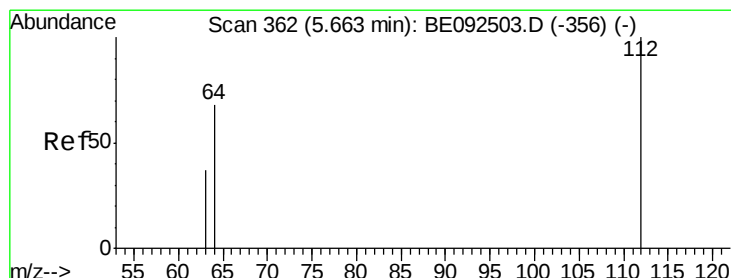
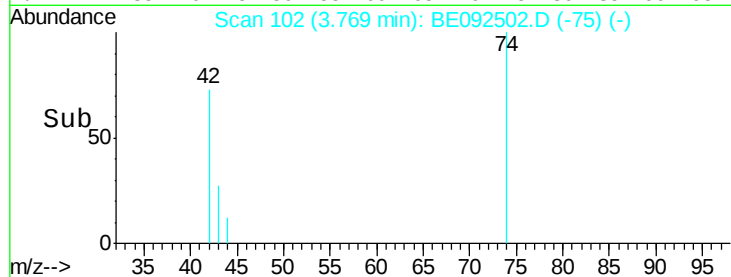
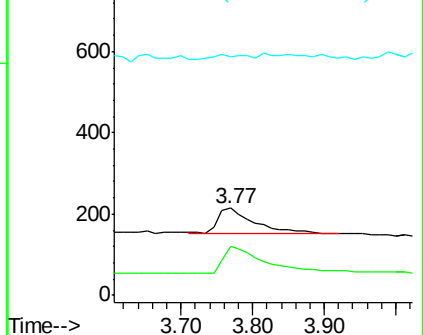
n-Nitrosodimethylamine
 Concen: 0.24 ng
 RT: 3.77 min Scan# 102
 Delta R.T. 0.01 min
 Lab File: BE092502.D
 Acq: 8 Nov 2016 10:54

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 238
 Ion Ratio Lower Upper
 42 100
 74 124.8 86.0 129.0
 44 9.7 5.1 7.7#



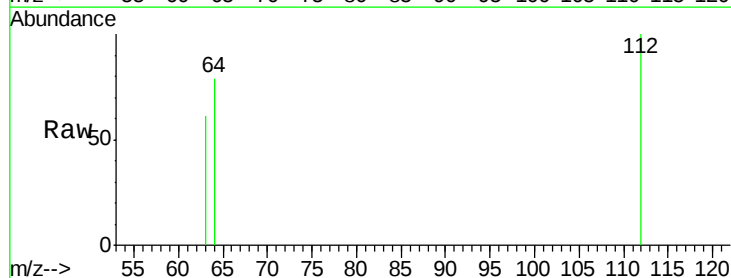
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



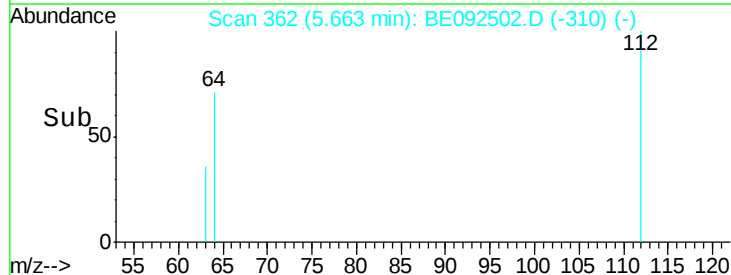
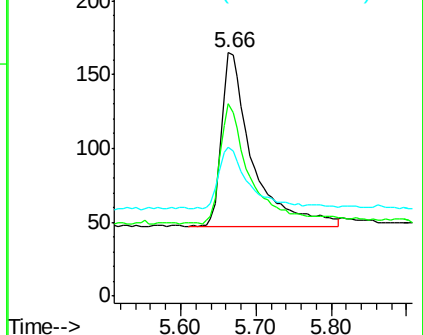
#4

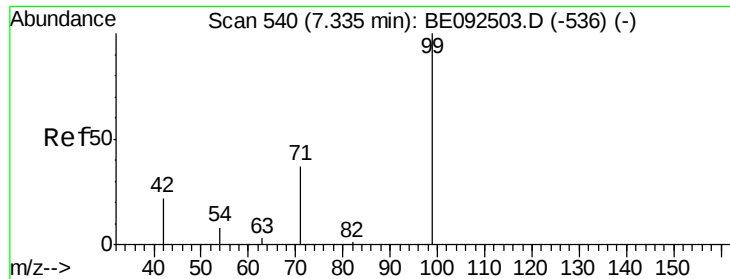
2-Fluorophenol
 Concen: 0.27 ng
 RT: 5.66 min Scan# 362
 Delta R.T. 0.00 min
 Lab File: BE092502.D
 Acq: 8 Nov 2016 10:54

Tgt Ion: 112 Resp: 337
 Ion Ratio Lower Upper
 112 100
 64 65.6 53.5 80.3
 63 34.1 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: 0.25 ng

RT: 7.34 min Scan# 540

Delta R.T. 0.00 min

Lab File: BE092502.D

Acq: 8 Nov 2016 10:54

Instrument :

BNA_E

ClientSampleId :

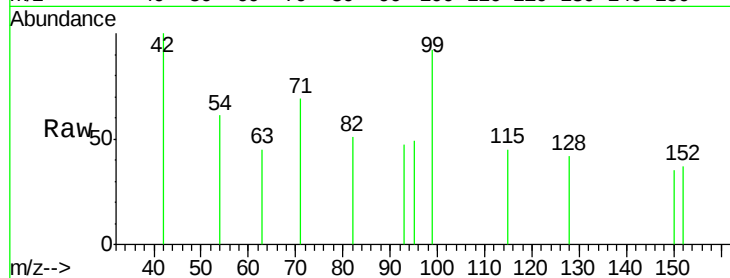
Tot Ion: 99 Resp: 423

Ion Ratio Lower Upper

99 100

42 19.9 16.0 24.0

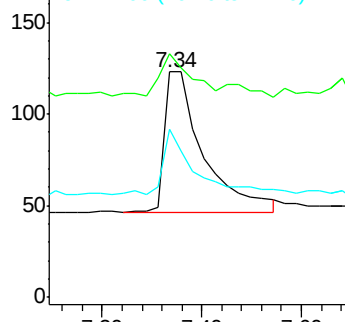
71 36.2 30.6 45.8



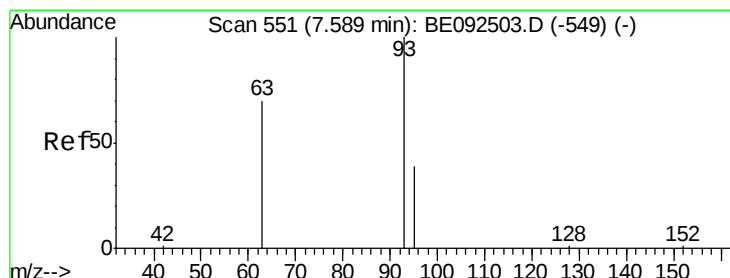
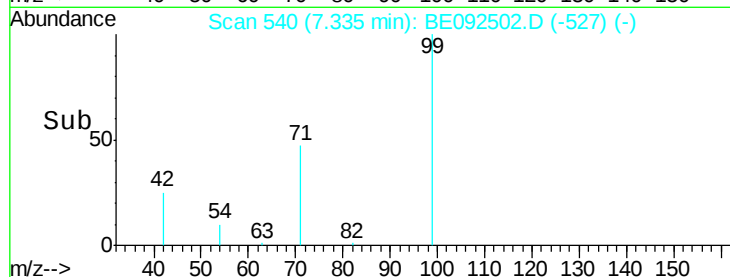
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.23 ng

RT: 7.59 min Scan# 551

Delta R.T. 0.00 min

Lab File: BE092502.D

Acq: 8 Nov 2016 10:54

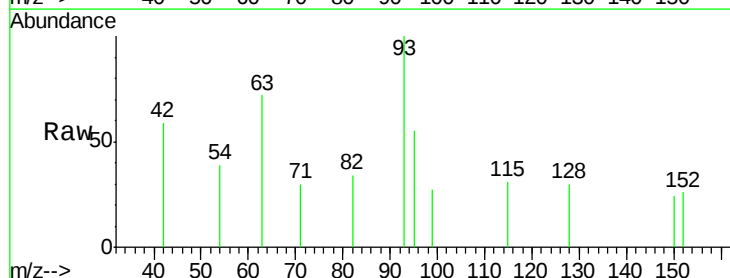
Tgt Ion: 93 Resp: 477

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

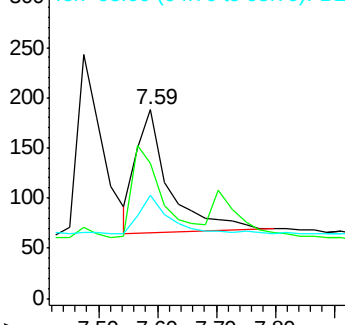
95 30.6 24.0 36.0



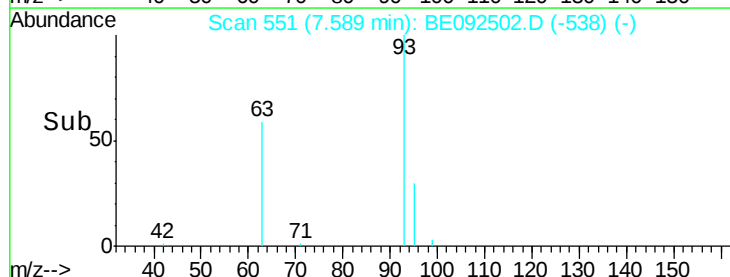
Abundance Ion 93.00 (92.70 to 93.70): BE0

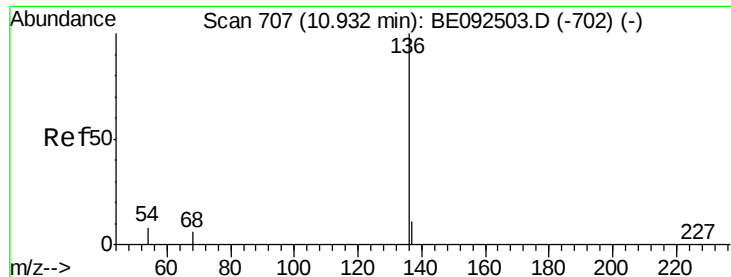
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092502.D

Acq: 8 Nov 2016 10:54

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 38922

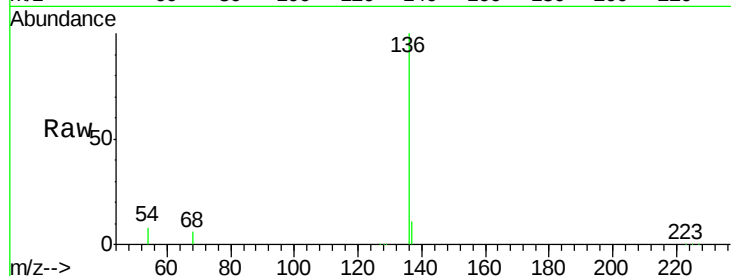
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 8.4 9.6 14.4#

68 6.3 6.7 10.1#

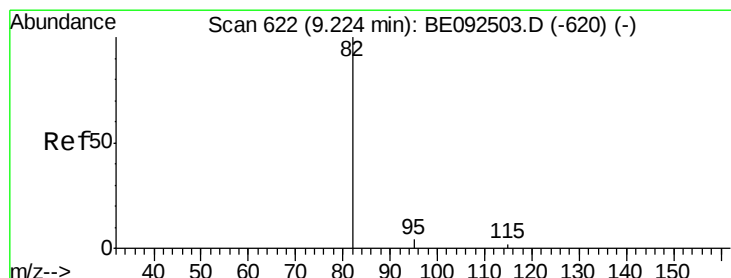
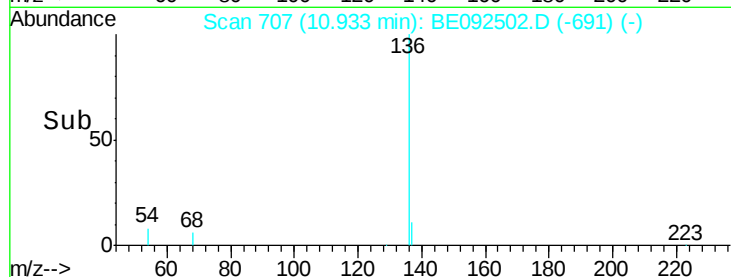
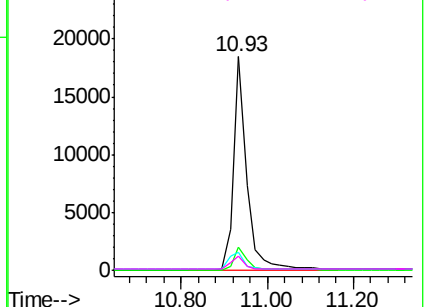


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.20 ng

RT: 9.34 min Scan# 627

Delta R.T. 0.00 min

Lab File: BE092502.D

Acq: 8 Nov 2016 10:54

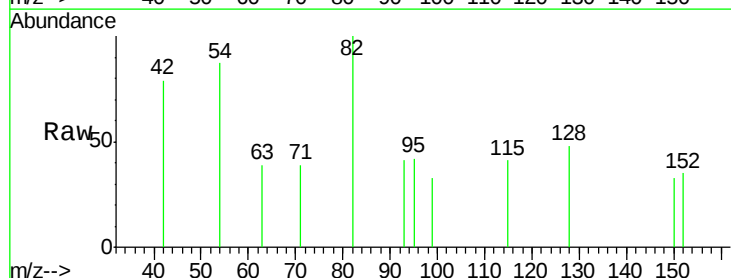
Tgt Ion: 82 Resp: 444

Ion Ratio Lower Upper

82 100

128 47.9 39.0 58.4

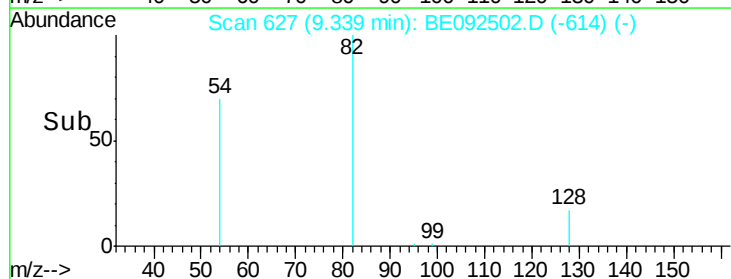
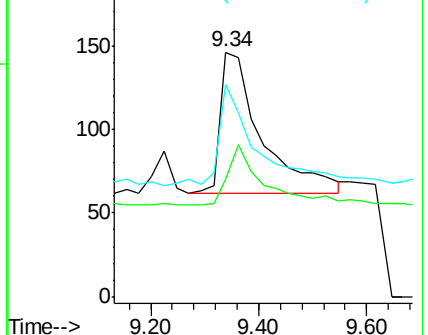
54 87.0 44.8 67.2#

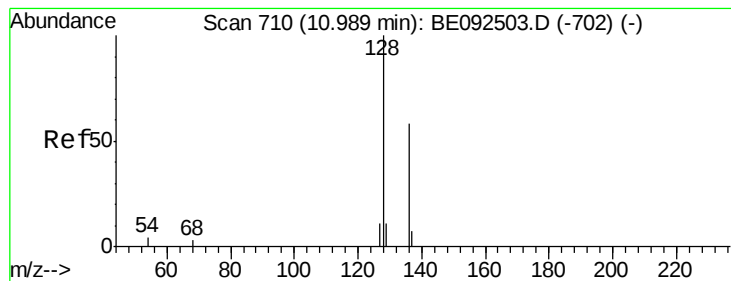


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.20 ng

RT: 10.99 min Scan# 710

Delta R.T. 0.00 min

Lab File: BE092502.D

Acq: 8 Nov 2016 10:54

Instrument :

BNA_E

ClientSampleId :

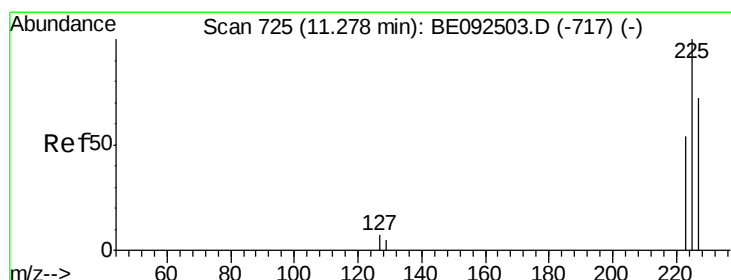
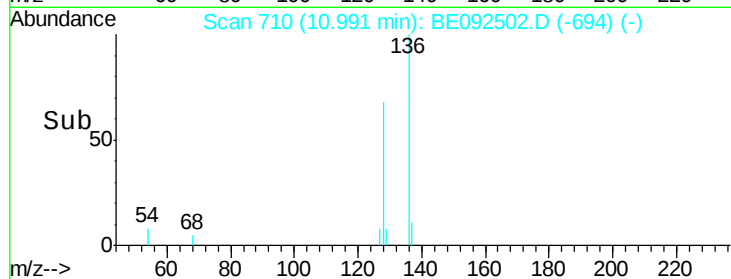
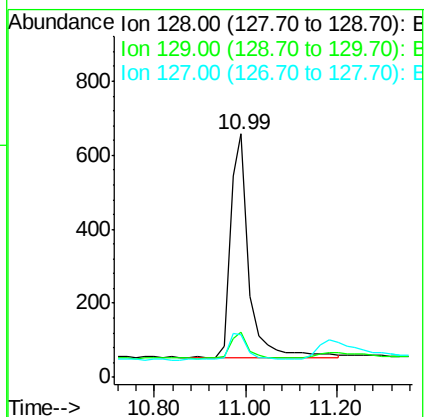
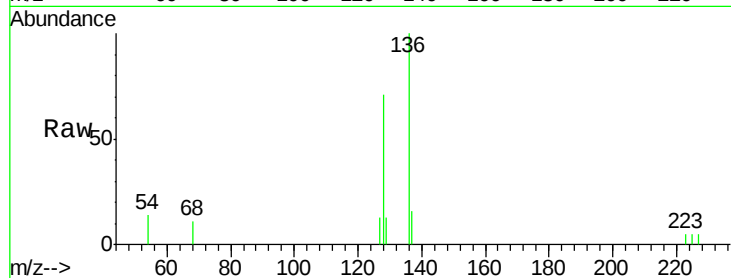
Tot Ion:128 Resp: 1697

Ion Ratio Lower Upper

128 100

129 18.4 11.2 16.8#

127 17.6 11.6 17.4#



#10

Hexachlorobutadiene

Concen: 0.20 ng

RT: 11.28 min Scan# 725

Delta R.T. 0.00 min

Lab File: BE092502.D

Acq: 8 Nov 2016 10:54

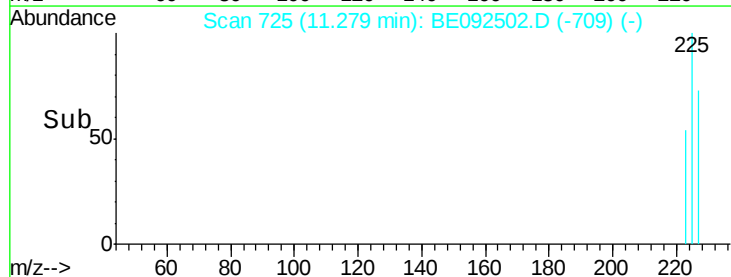
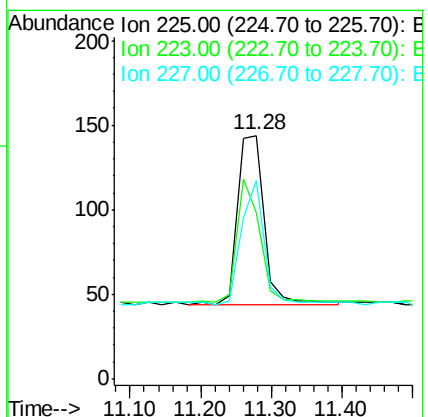
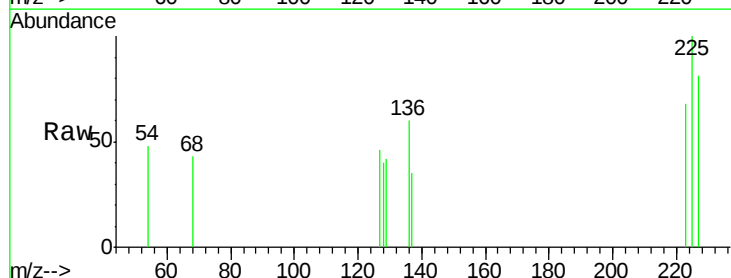
Tgt Ion:225 Resp: 262

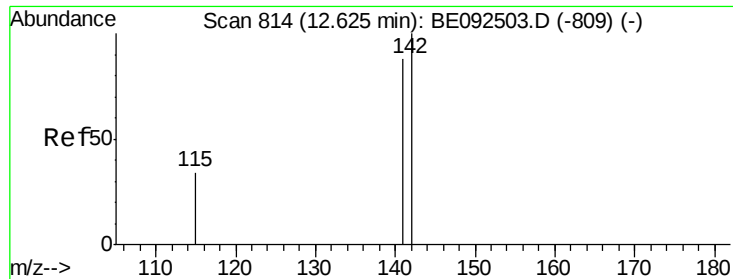
Ion Ratio Lower Upper

225 100

223 65.3 50.6 76.0

227 62.2 51.4 77.0

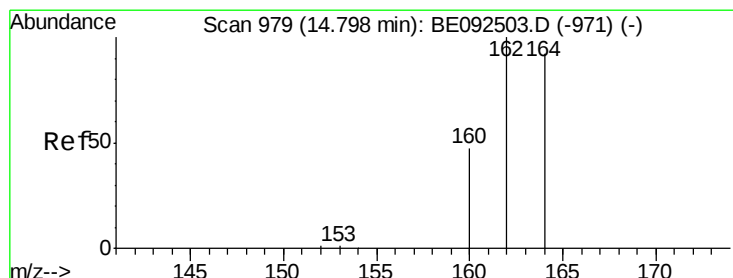
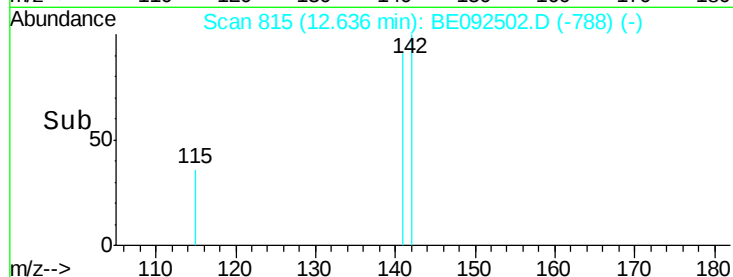
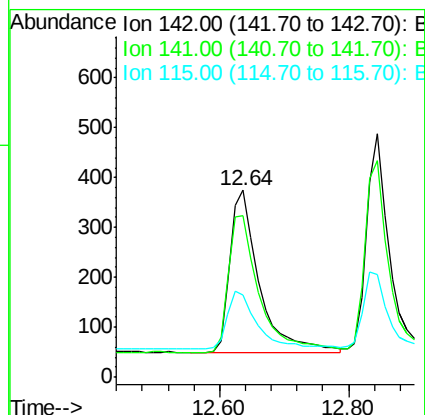
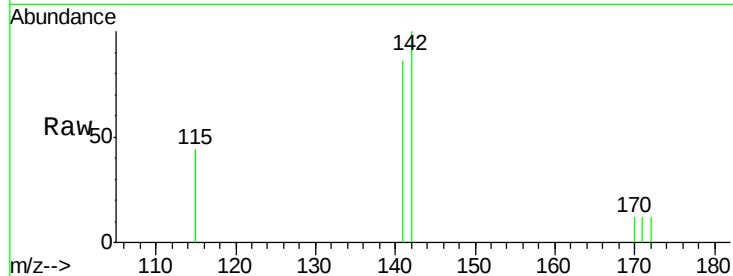




#11
2-Methylnaphthalene
Concen: 0.19 ng
RT: 12.64 min Scan# 815
Delta R.T. 0.01 min
Lab File: BE092502.D
Acq: 8 Nov 2016 10:54

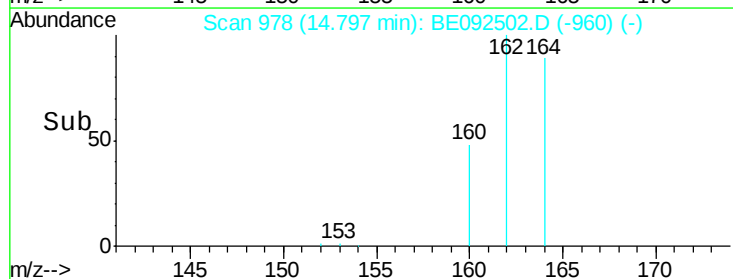
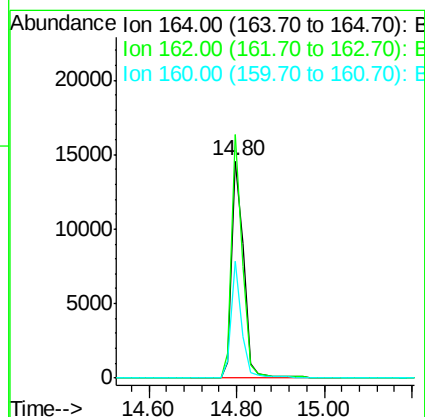
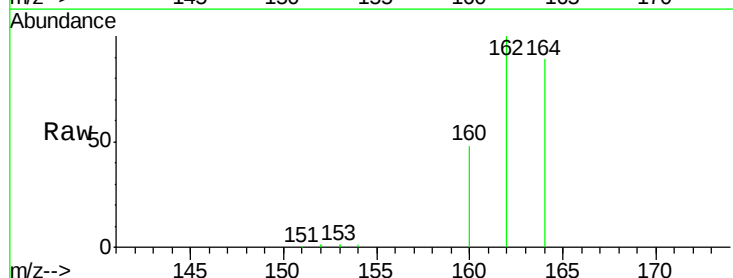
Instrument :
BNA_E
ClientSampleId :

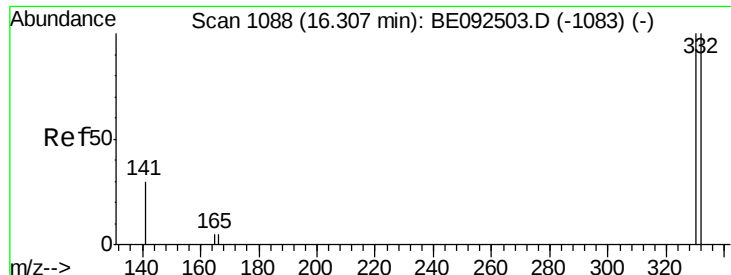
Tot Ion:142 Resp: 1027
Ion Ratio Lower Upper
142 100
141 86.4 73.7 110.5
115 43.9 34.0 51.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 978
Delta R.T. -0.00 min
Lab File: BE092502.D
Acq: 8 Nov 2016 10:54

Tgt Ion:164 Resp: 26892
Ion Ratio Lower Upper
164 100
162 112.2 71.4 107.0#
160 53.7 27.4 41.2#

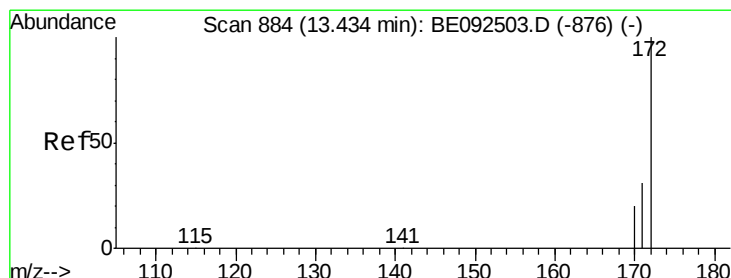
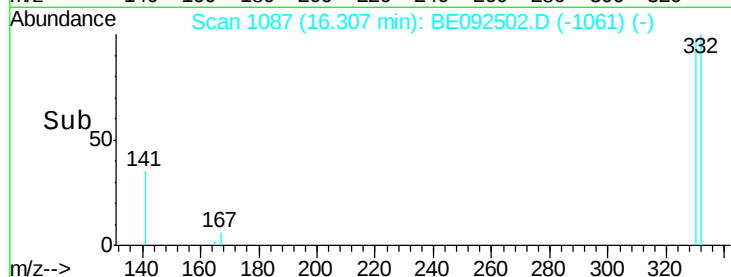
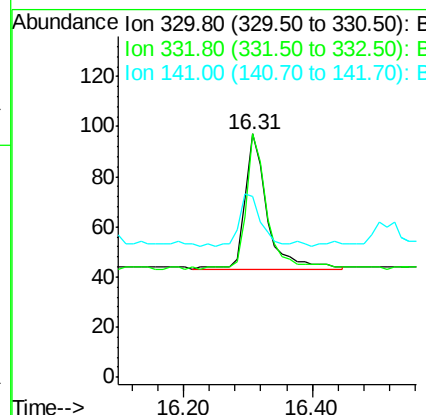
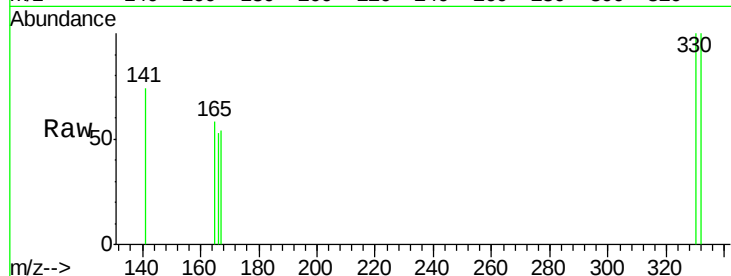




#13
 2,4,6-Tribromophenol
 Concen: 0.24 ng
 RT: 16.31 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BE092502.D
 Acq: 8 Nov 2016 10:54

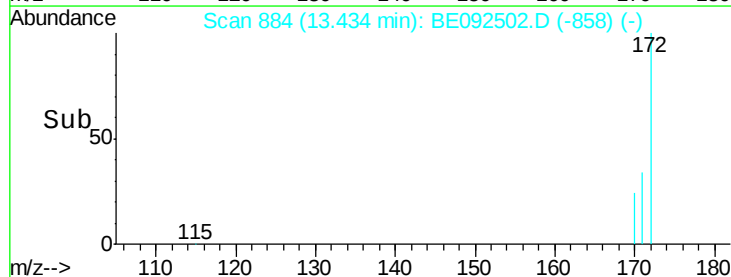
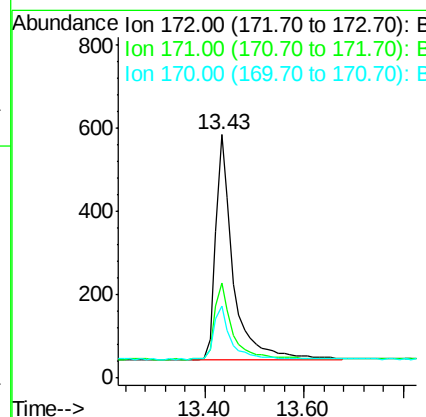
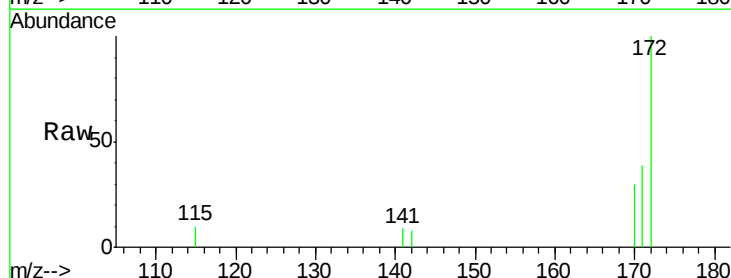
Instrument :
 BNA_E
 ClientSampleId :

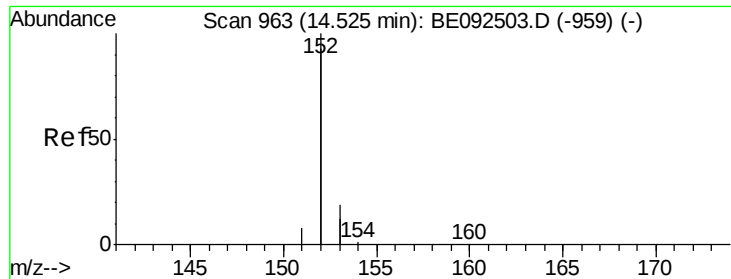
Tot Ion:330 Resp: 129
 Ion Ratio Lower Upper
 330 100
 332 90.7 75.4 113.0
 141 38.0 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.20 ng
 RT: 13.43 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BE092502.D
 Acq: 8 Nov 2016 10:54

Tgt Ion:172 Resp: 1311
 Ion Ratio Lower Upper
 172 100
 171 39.0 30.1 45.1
 170 29.6 21.8 32.6





#15

Acenaphthylene

Concen: 0.19 ng

RT: 14.52 min Scan# 962

Delta R.T. -0.00 min

Lab File: BE092502.D

Acq: 8 Nov 2016 10:54

Instrument :

BNA_E

ClientSampleId :

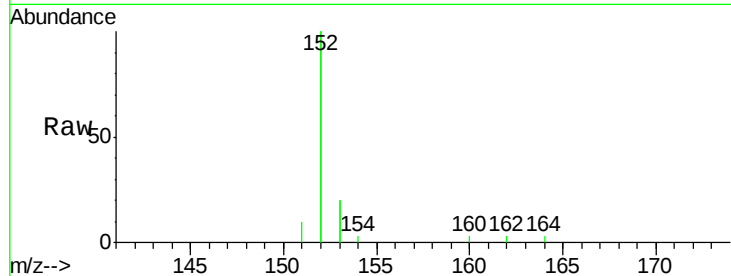
Tot Ion:152 Resp: 7330

Ion Ratio Lower Upper

152 100

151 5.1 3.9 5.9

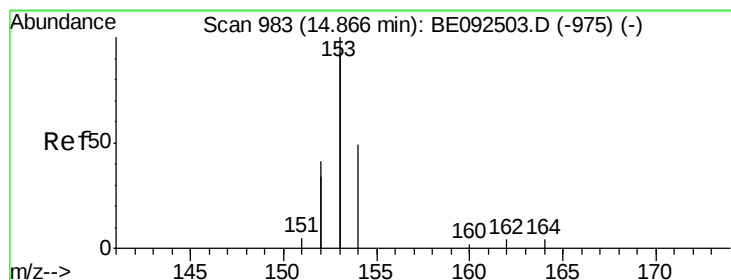
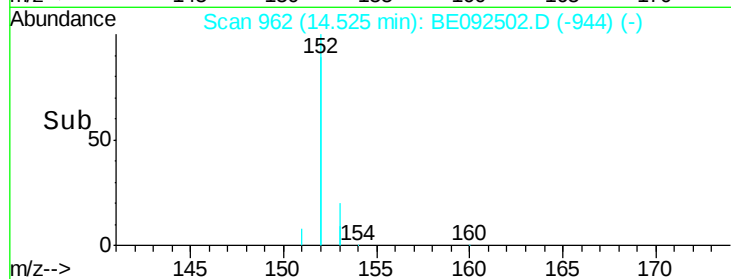
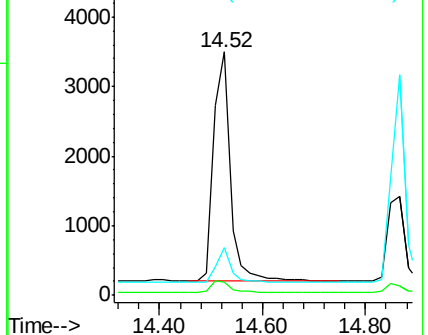
153 13.0 10.4 15.6



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: 0.21 ng

RT: 14.87 min Scan# 982

Delta R.T. -0.00 min

Lab File: BE092502.D

Acq: 8 Nov 2016 10:54

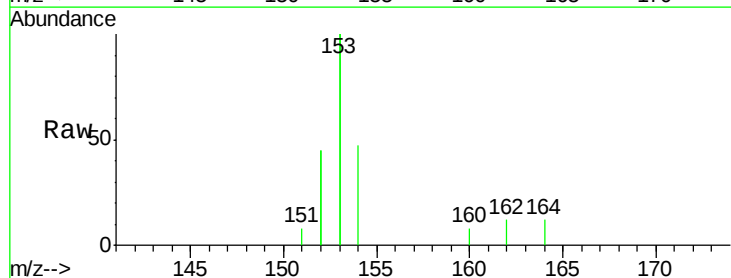
Tgt Ion:154 Resp: 1291

Ion Ratio Lower Upper

154 100

153 418.0 350.8 526.2

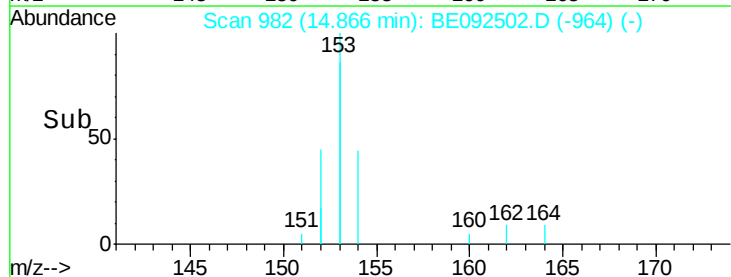
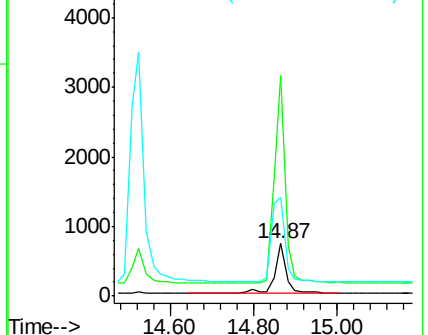
152 214.0 171.1 256.7

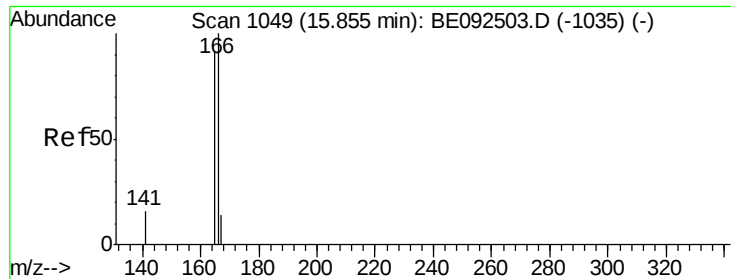


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

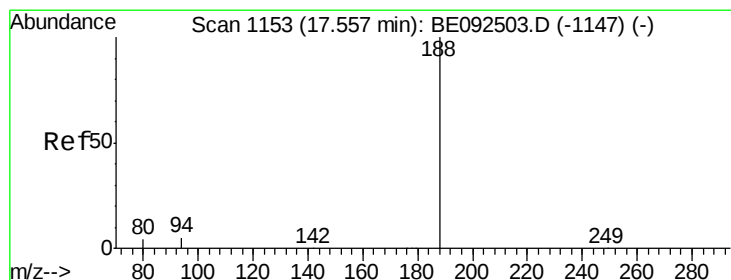
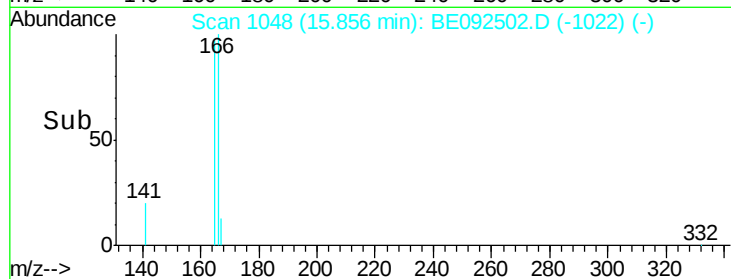
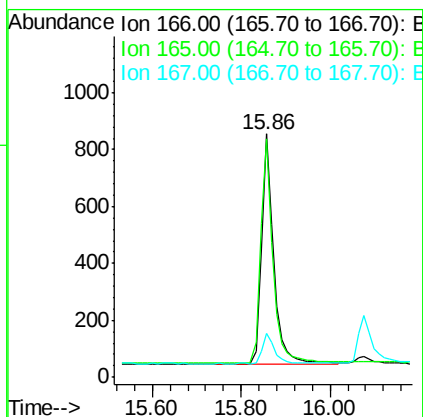
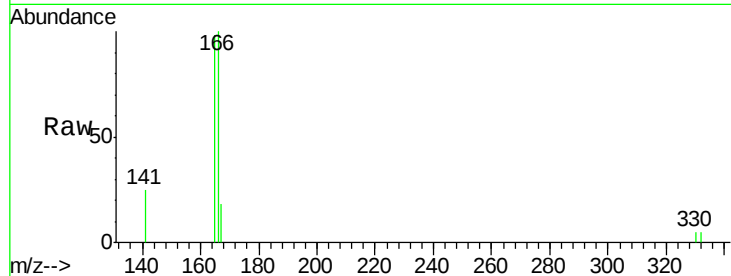




#17
Fluorene
 Concen: 0.21 ng
 RT: 15.86 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BE092502.D
 Acq: 8 Nov 2016 10:54

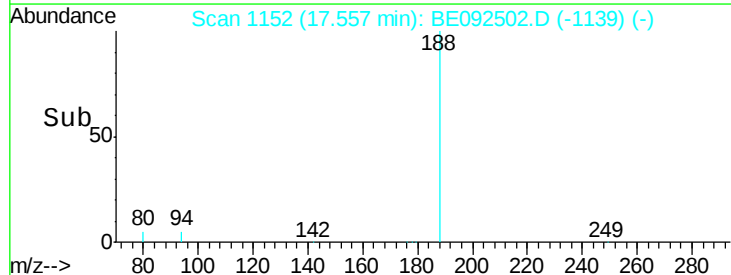
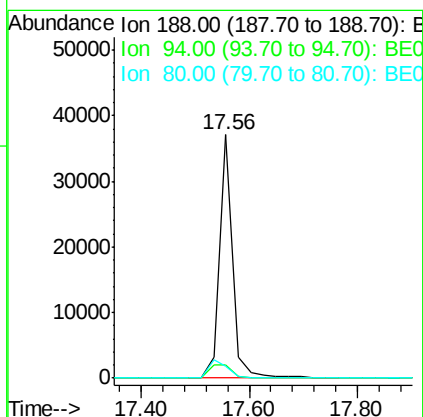
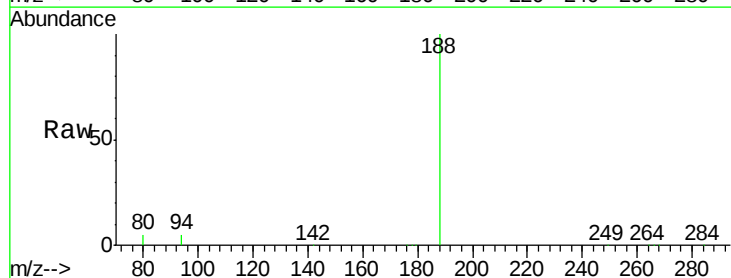
Instrument :
 BNA_E
 ClientSampled :

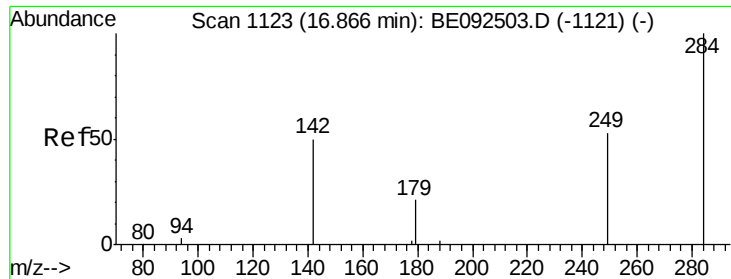
Tot Ion:166 Resp: 1532
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.2 117.4
 167 13.1 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BE092502.D
 Acq: 8 Nov 2016 10:54

Tgt Ion:188 Resp: 62792
 Ion Ratio Lower Upper
 188 100
 94 5.4 3.2 4.8#
 80 4.8 2.6 3.8#

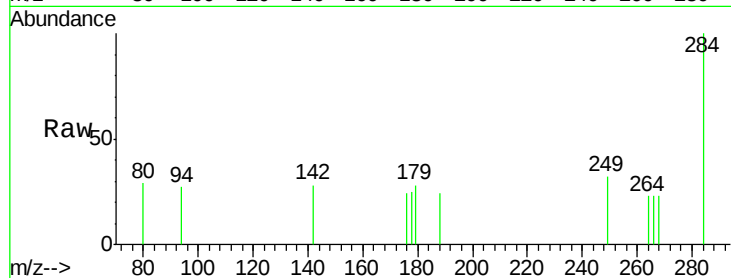




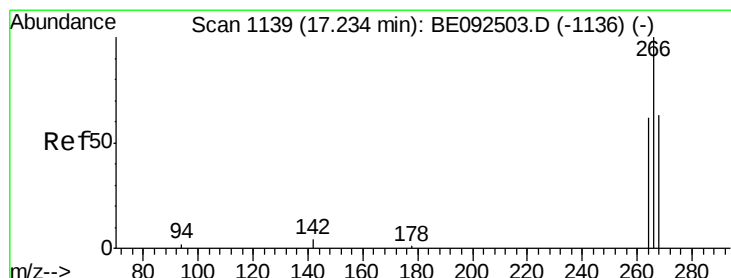
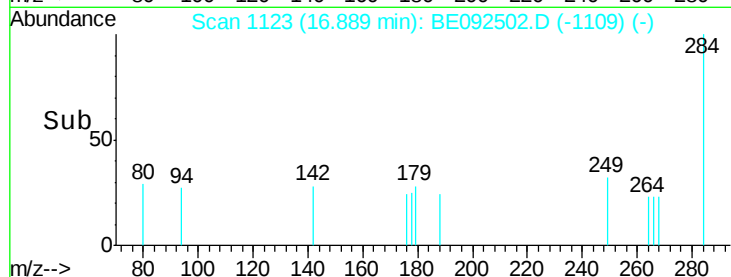
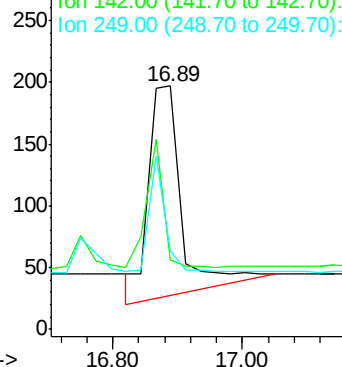
#19
Hexachlorobenzene
Concen: 0.22 ng
RT: 16.89 min Scan# 1123
Delta R.T. 0.02 min
Lab File: BE092502.D
Acq: 8 Nov 2016 10:54

Instrument :
BNA_E
ClientSampled :

Tot Ion:284 Resp: 607
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 0.0 27.9 41.9#

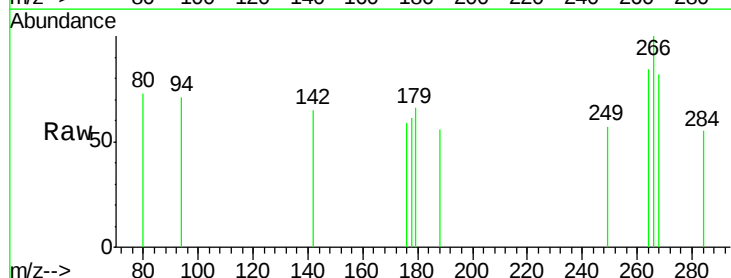


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

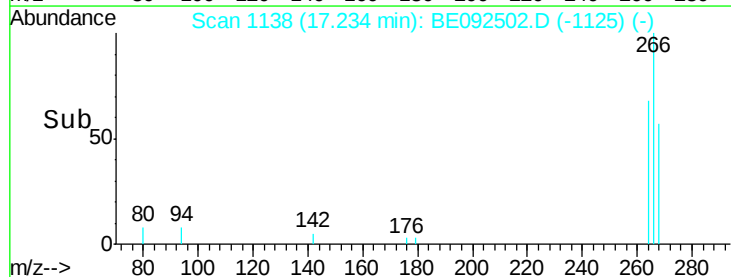
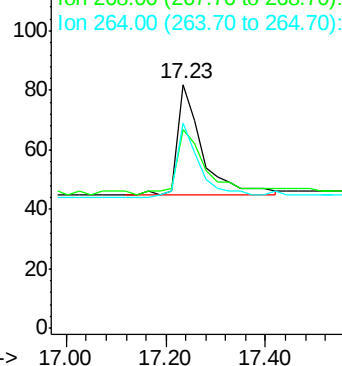


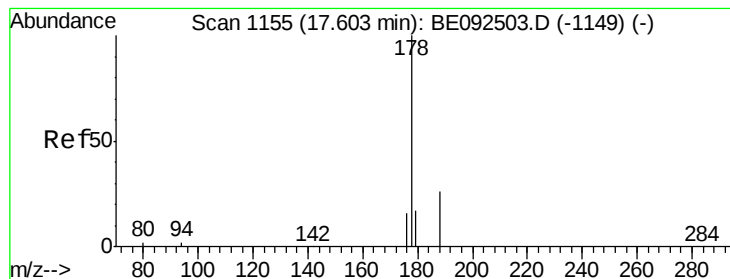
#20
Pentachlorophenol
Concen: 0.25 ng
RT: 17.23 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BE092502.D
Acq: 8 Nov 2016 10:54

Tgt Ion:266 Resp: 124
Ion Ratio Lower Upper
266 100
268 81.7 62.5 93.7
264 84.1 57.2 85.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.16 ng

RT: 17.60 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092502.D

Acq: 8 Nov 2016 10:54

Instrument :

BNA_E

ClientSampled :

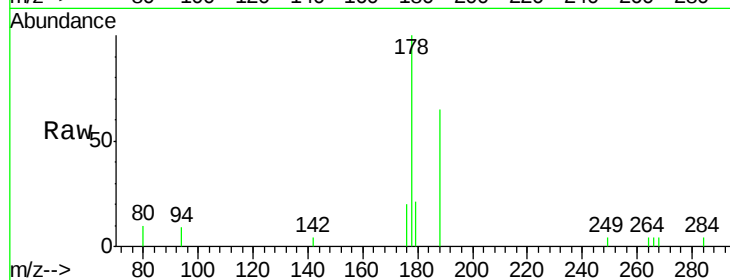
Tot Ion:178 Resp: 2643

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

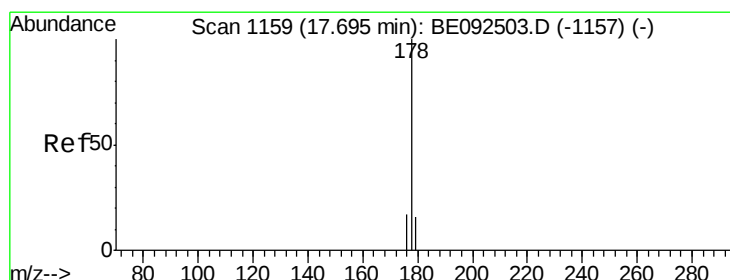
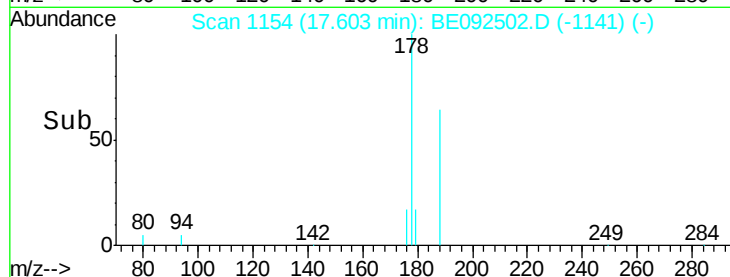
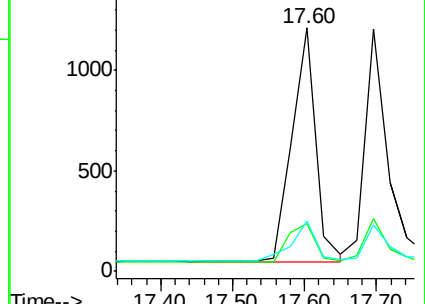
179 17.1 16.0 24.0



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: 0.18 ng

RT: 17.70 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BE092502.D

Acq: 8 Nov 2016 10:54

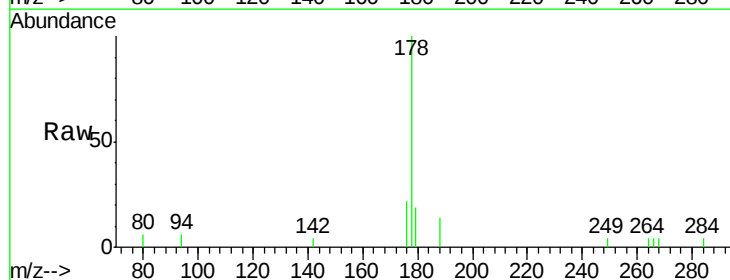
Tgt Ion:178 Resp: 2564

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

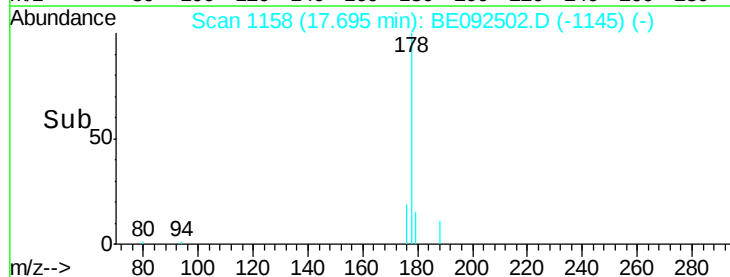
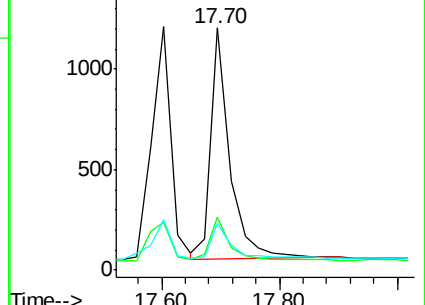
179 17.0 12.2 18.2

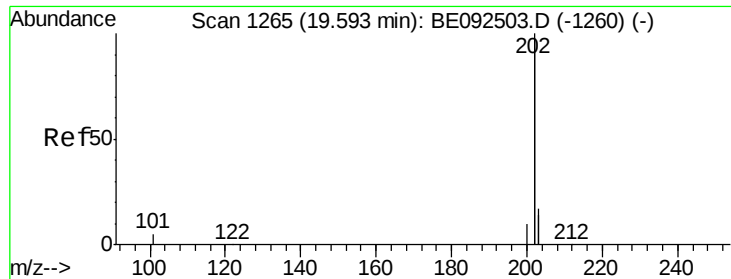


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.21 ng

RT: 19.59 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE092502.D

Acq: 8 Nov 2016 10:54

Instrument :

BNA_E

ClientSampleId :

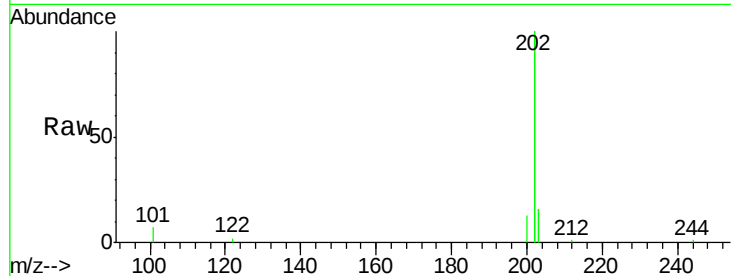
Tot Ion:202 Resp: 13401

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

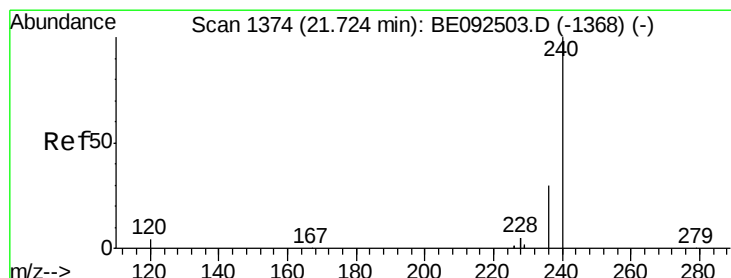
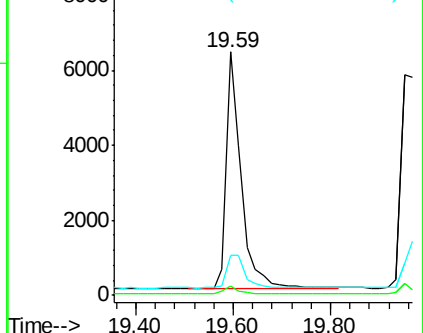
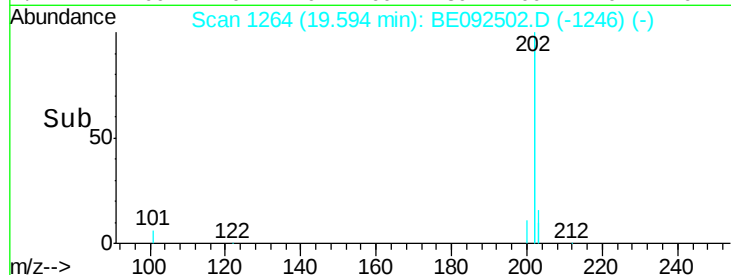
203 17.8 13.7 20.5



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# 1373

Delta R.T. 0.00 min

Lab File: BE092502.D

Acq: 8 Nov 2016 10:54

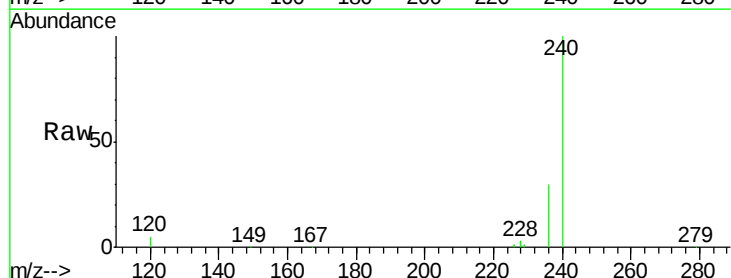
Tgt Ion:240 Resp: 91846

Ion Ratio Lower Upper

240 100

120 4.6 2.6 4.0#

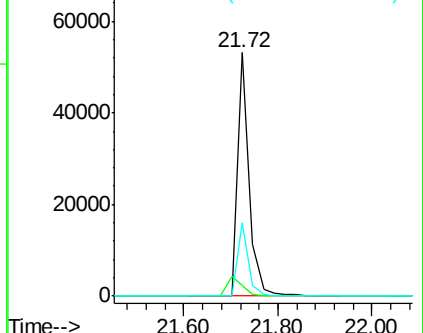
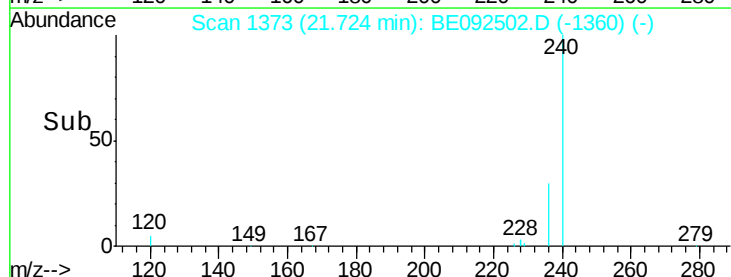
236 30.1 24.6 37.0

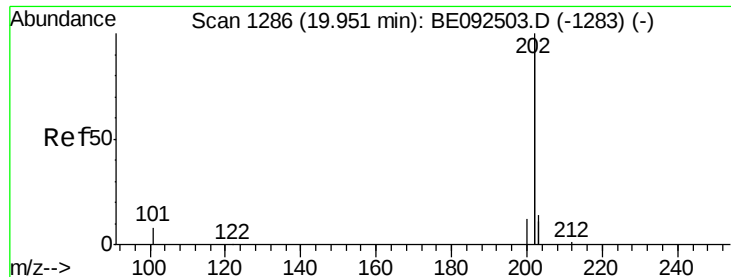


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

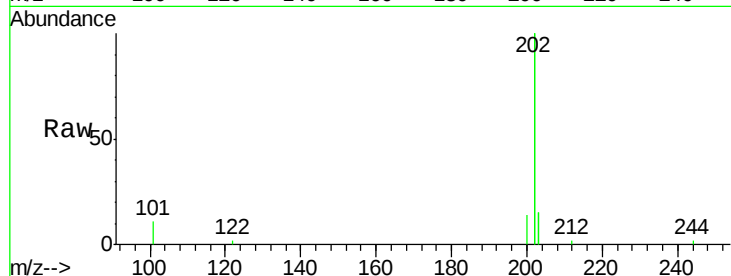




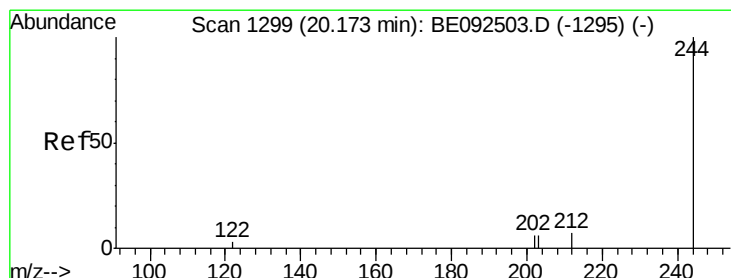
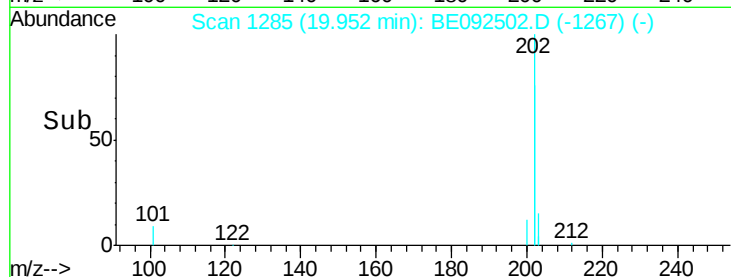
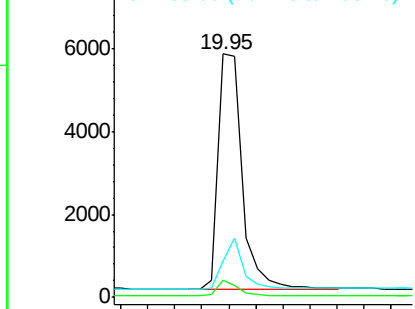
#25
Pvrene
Concen: 0.18 ng
RT: 19.95 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BE092502.D
Acq: 8 Nov 2016 10:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 14062
Ion Ratio Lower Upper
202 100
200 5.3 4.2 6.4
203 17.8 13.9 20.9

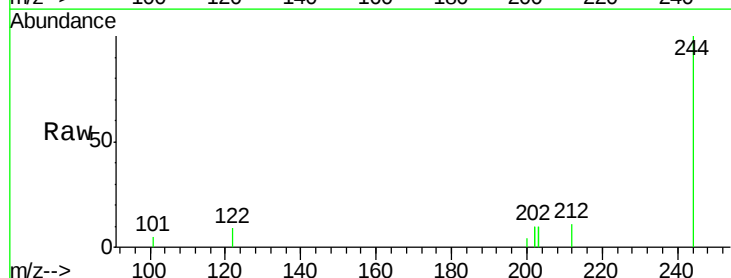


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

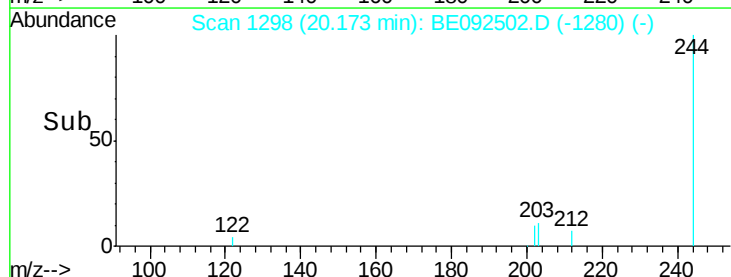
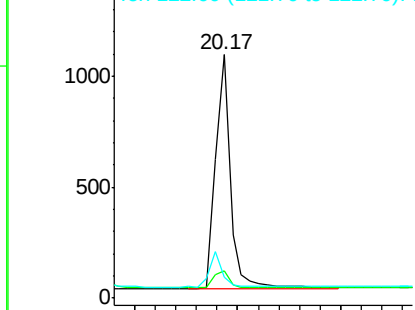


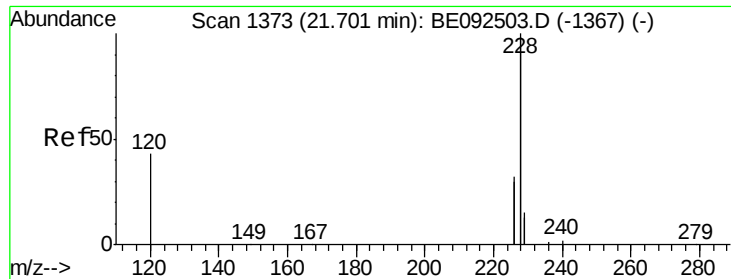
#26
Terphenyl-d14
Concen: 0.18 ng
RT: 20.17 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BE092502.D
Acq: 8 Nov 2016 10:54

Tgt Ion:244 Resp: 2101
Ion Ratio Lower Upper
244 100
212 11.1 6.7 10.1#
122 8.8 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

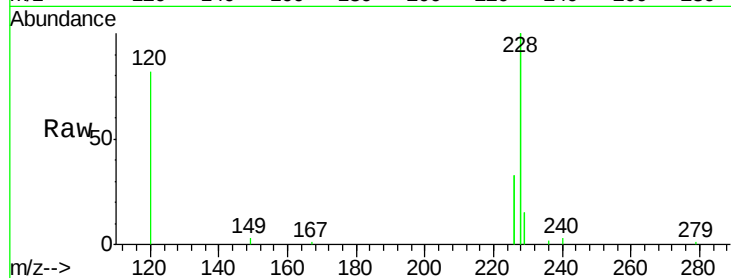




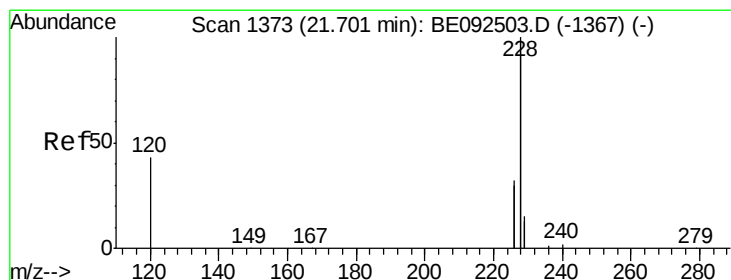
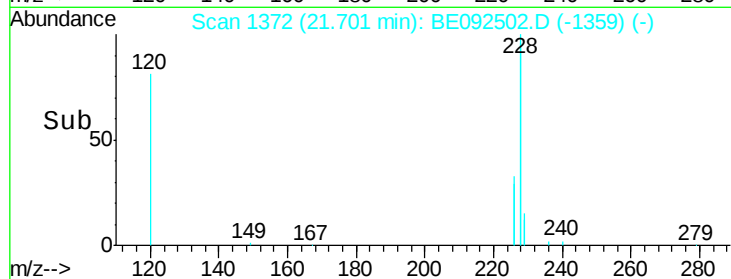
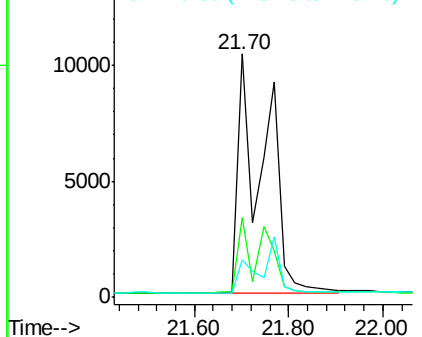
#27
Benzo(a)anthracene
Concen: 0.49 ng
RT: 21.70 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BE092502.D
Acq: 8 Nov 2016 10:54

Instrument :
BNA_E
ClientSampled :

Tot Ion:228 Resp: 41663
Ion Ratio Lower Upper
228 100
226 32.7 23.6 35.4
229 15.3 13.3 19.9

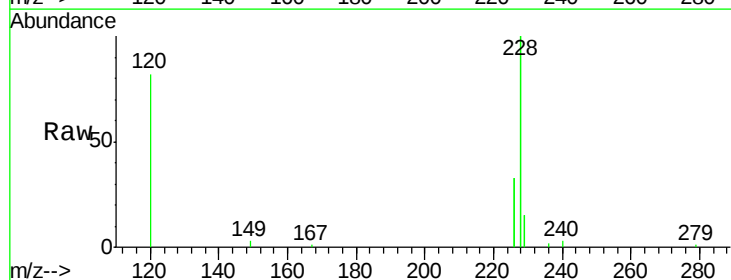


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

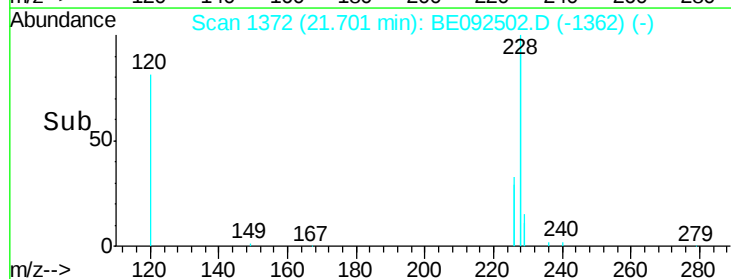
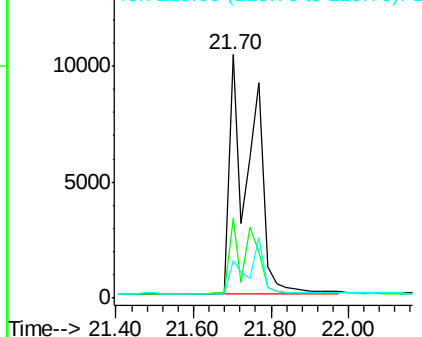


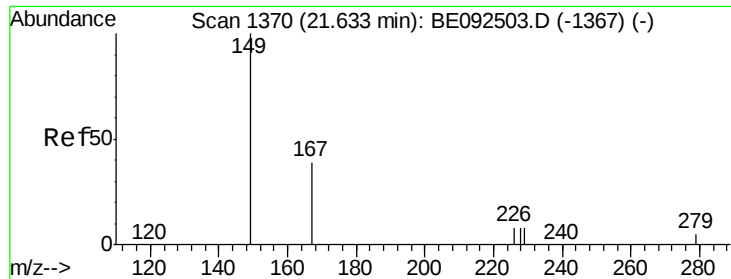
#28
Chrysene
Concen: 0.47 ng
RT: 21.70 min Scan# 1372
Delta R.T. -0.07 min
Lab File: BE092502.D
Acq: 8 Nov 2016 10:54

Tgt Ion:228 Resp: 42046
Ion Ratio Lower Upper
228 100
226 32.7 36.3 54.5#
229 15.3 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: 0.32 ng

RT: 21.63 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092502.D

Acq: 8 Nov 2016 10:54

Instrument :

BNA_E

ClientSampleId :

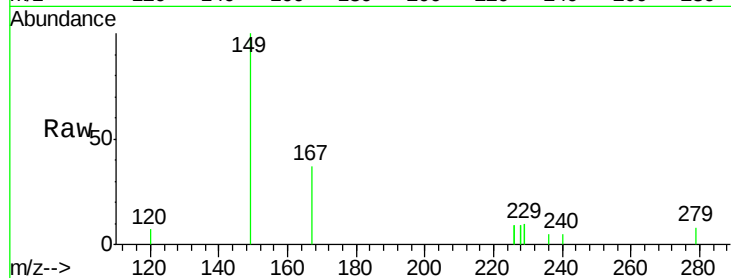
Tot Ion:149 Resp: 2279

Ion Ratio Lower Upper

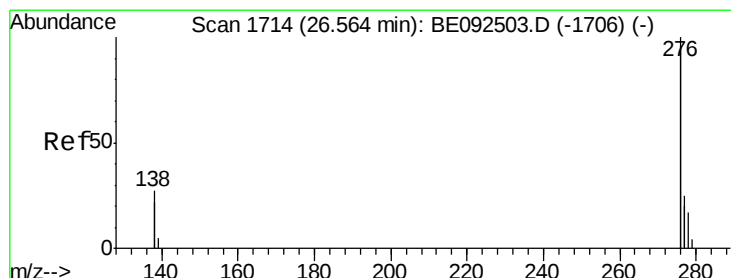
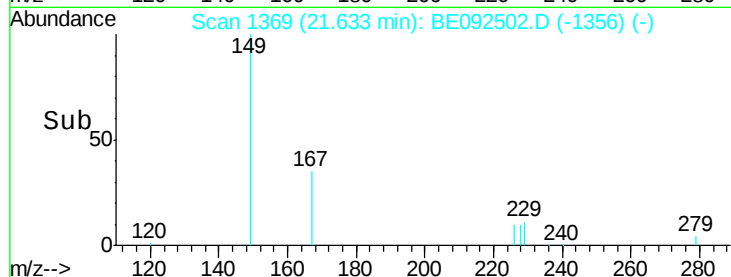
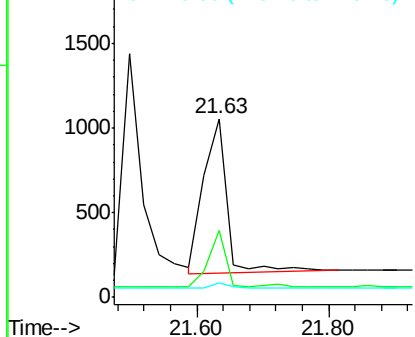
149 100

167 26.9 16.0 24.0#

279 3.6 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: 0.27 ng

RT: 26.58 min Scan# 1714

Delta R.T. 0.02 min

Lab File: BE092502.D

Acq: 8 Nov 2016 10:54

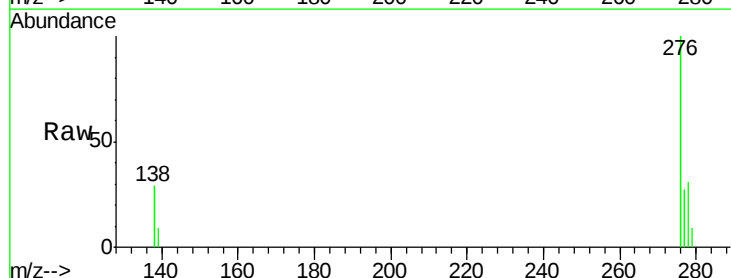
Tgt Ion:276 Resp: 20945

Ion Ratio Lower Upper

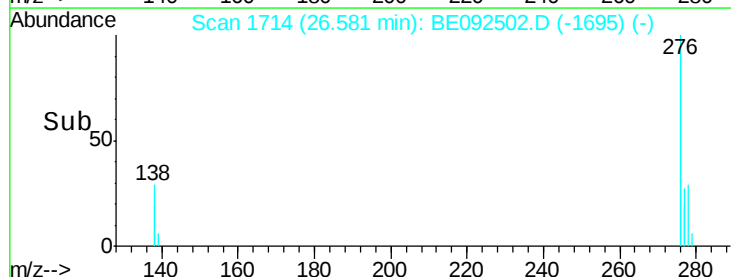
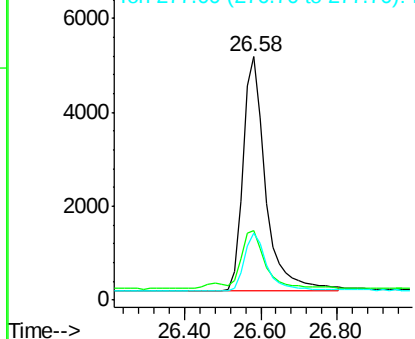
276 100

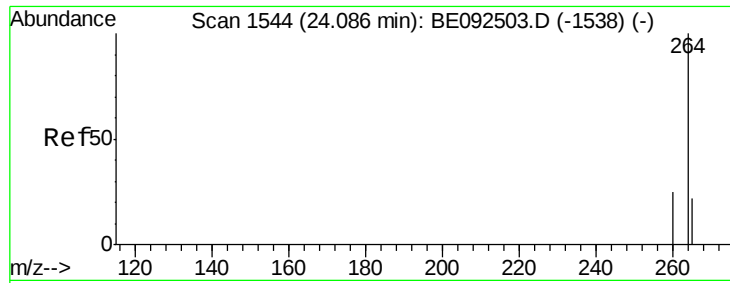
138 25.1 20.3 30.5

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

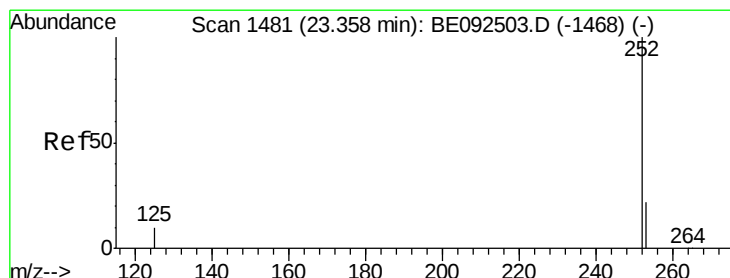
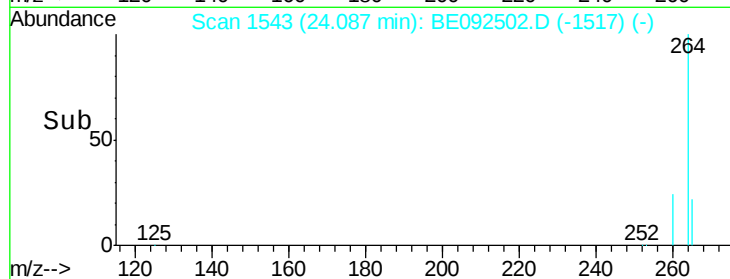
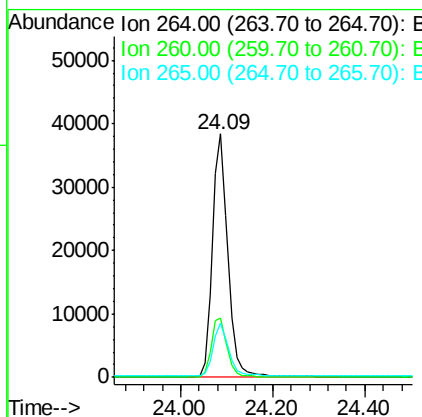
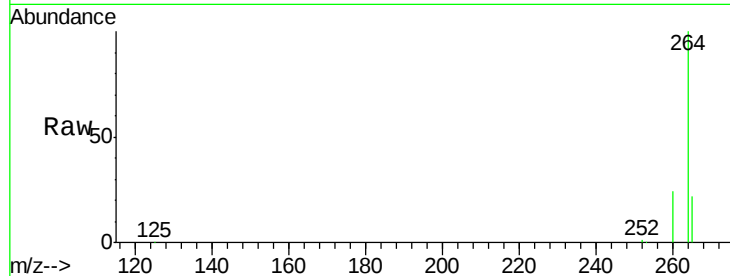




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.09 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BE092502.D
Acq: 8 Nov 2016 10:54

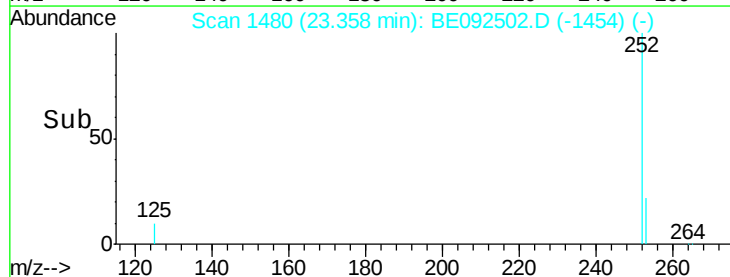
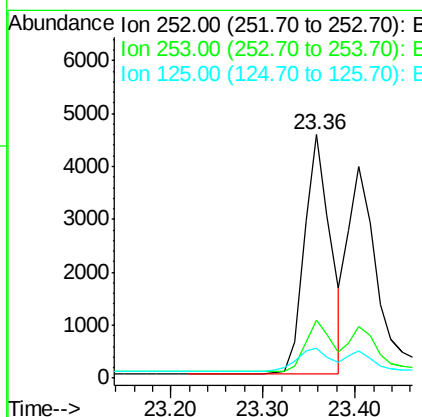
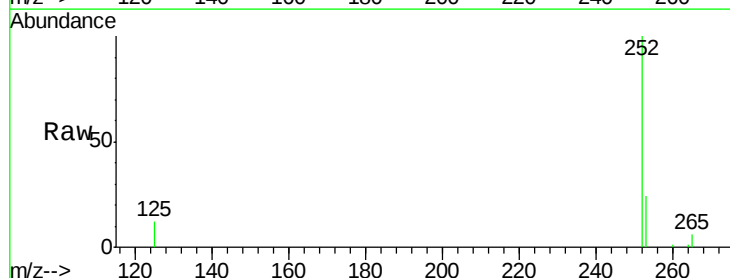
Instrument :
BNA_E
ClientSampleId :

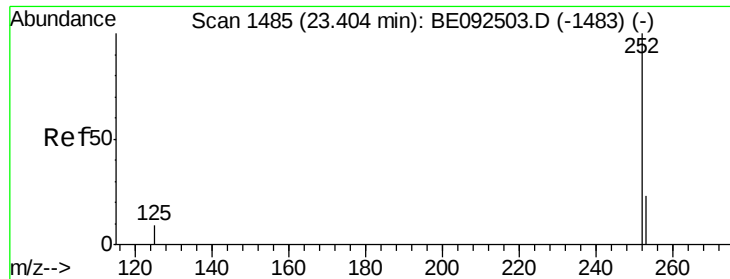
Tot Ion:264 Resp: 89677
Ion Ratio Lower Upper
264 100
260 24.5 20.1 30.1
265 22.5 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.40 ng
RT: 23.36 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE092502.D
Acq: 8 Nov 2016 10:54

Tgt Ion:252 Resp: 8845
Ion Ratio Lower Upper
252 100
253 23.9 18.7 28.1
125 12.4 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.41 ng

RT: 23.40 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE092502.D

Acq: 8 Nov 2016 10:54

Instrument :

BNA_E

ClientSampleId :

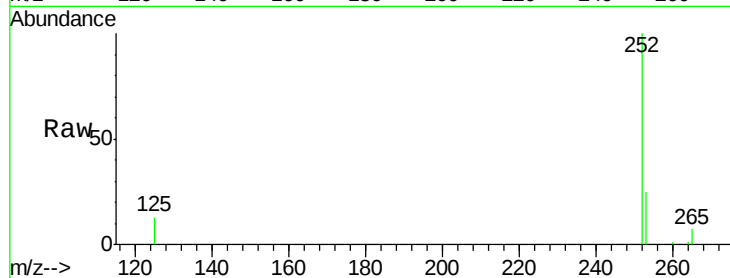
Tot Ion:252 Resp: 9062

Ion Ratio Lower Upper

252 100

253 24.5 20.3 30.5

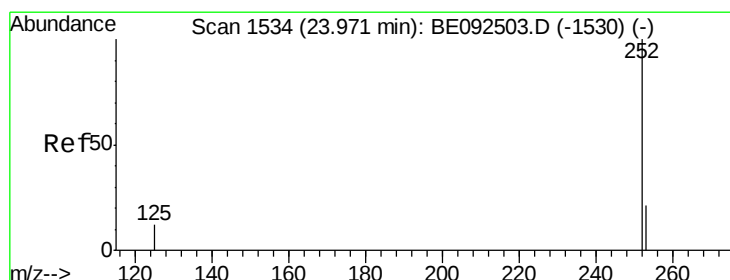
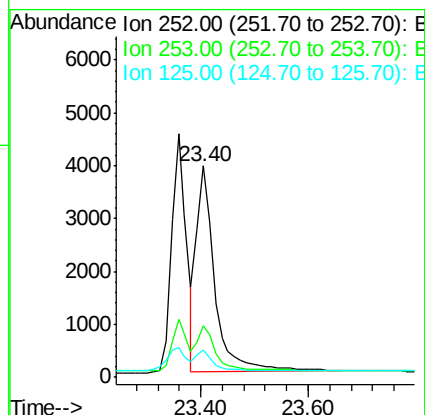
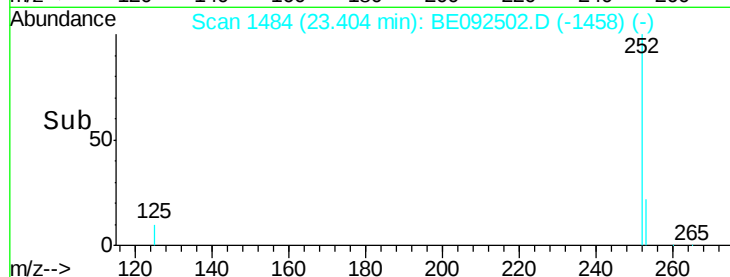
125 12.7 9.6 14.4



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: 0.24 ng

RT: 23.97 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BE092502.D

Acq: 8 Nov 2016 10:54

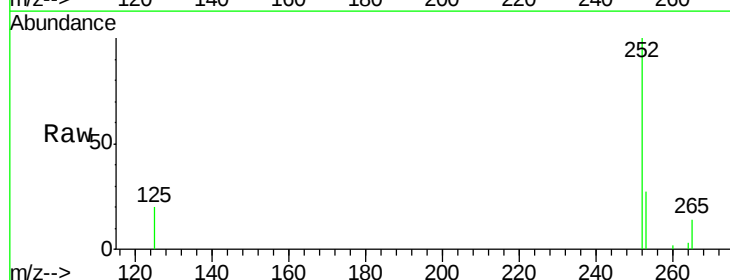
Tgt Ion:252 Resp: 4764

Ion Ratio Lower Upper

252 100

253 26.8 19.0 28.6

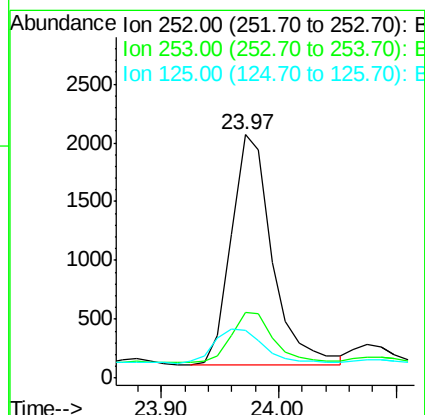
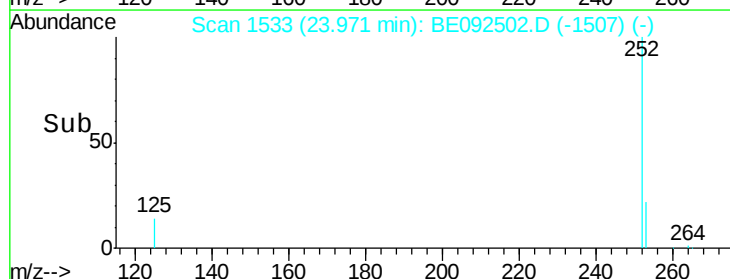
125 19.6 11.8 17.8#

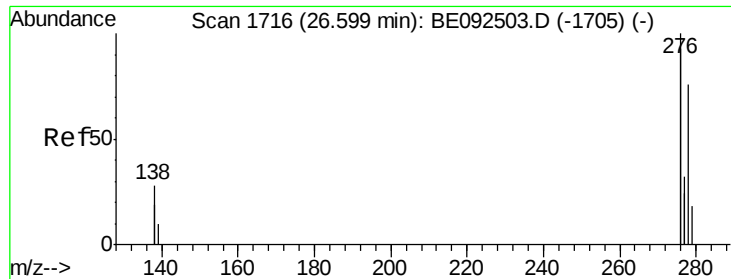


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

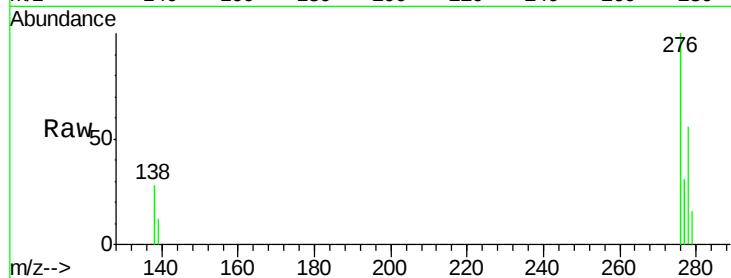




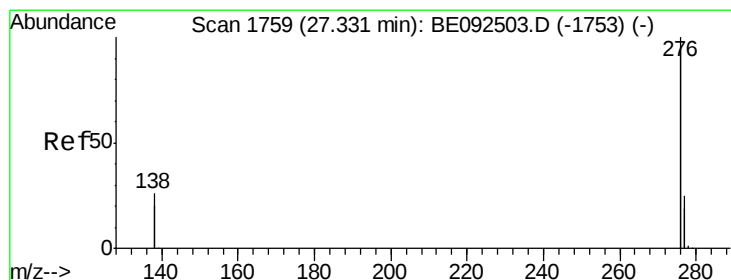
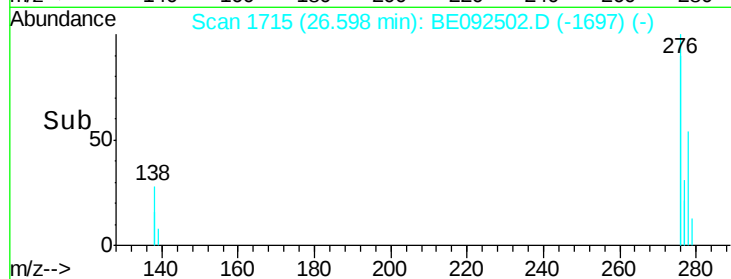
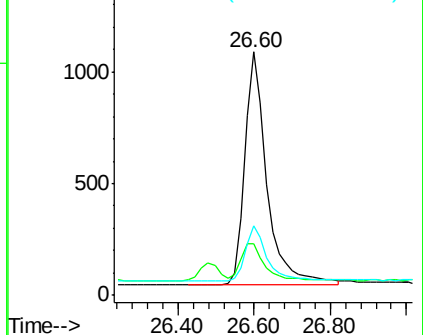
#35
Dibenzo(a,h)anthracene
Concen: 0.22 ng
RT: 26.60 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BE092502.D
Acq: 8 Nov 2016 10:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 4243
Ion Ratio Lower Upper
278 100
139 20.9 13.8 20.8#
279 28.3 21.4 32.2

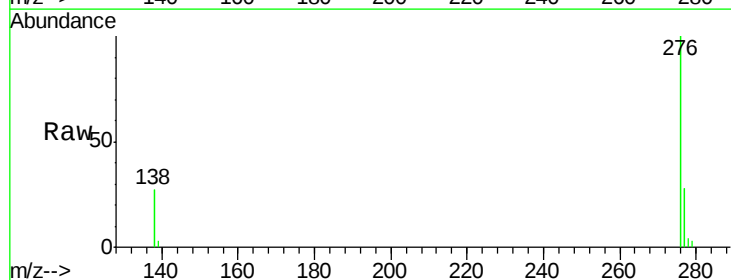


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#36
Benzo(g,h,i)perylene
Concen: 0.22 ng
RT: 27.35 min Scan# 1759
Delta R.T. 0.02 min
Lab File: BE092502.D
Acq: 8 Nov 2016 10:54

Tgt Ion:276 Resp: 17531
Ion Ratio Lower Upper
276 100
277 28.2 19.8 29.8
138 26.8 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

