

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011617\
 Data File : BE092650.D
 Acq On : 16 Jan 2017 13:52
 Operator : UM/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 16 15:34:44 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 15:00:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9746	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	45021	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	28854	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	62814	5.00	ng	0.00
24) Chrysene-d12	21.72	240	71501	5.00	ng	0.00
31) Perylene-d12	24.06	264	77425	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	740	0.50	ng	0.00
5) Phenol-d6	7.33	99	878	0.41	ng	0.00
8) Nitrobenzene-d5	9.34	82	969	0.38	ng	0.00
13) 2,4,6-Tribromophenol	16.30	330	232	0.36	ng	0.00
14) 2-Fluorobiphenyl	13.42	172	2634	0.38	ng	0.00
26) Terphenyl-d14	20.16	244	3470	0.40	ng	0.00

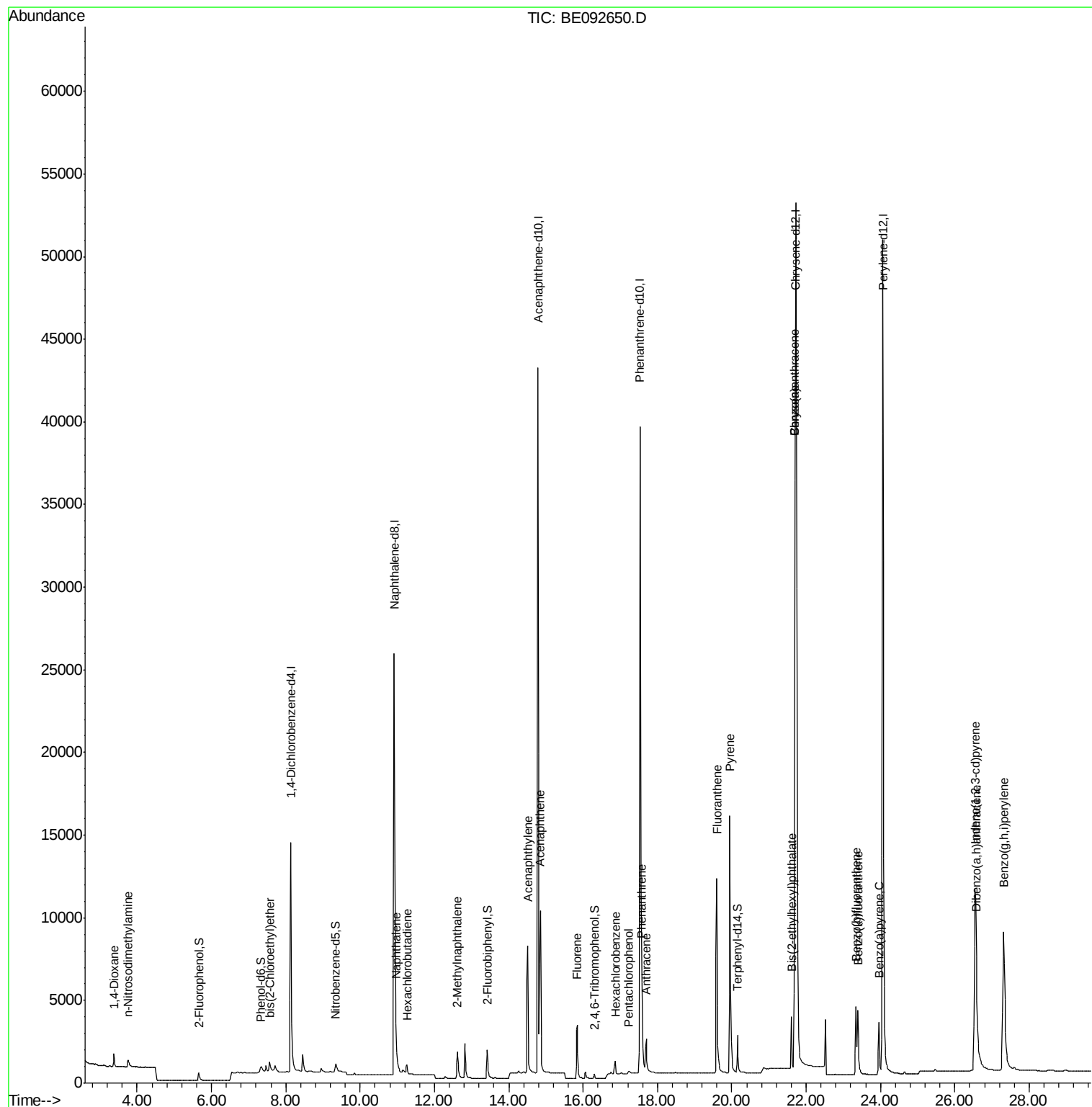
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	636	0.45	ng	92
3) n-Nitrosodimethylamine	3.74	42	615	0.51	ng	# 100
6) bis(2-Chloroethyl)ether	7.57	93	951	0.43	ng	86
9) Naphthalene	10.97	128	3474	0.38	ng	98
10) Hexachlorobutadiene	11.26	225	527	0.38	ng	99
11) 2-Methylnaphthalene	12.61	142	2087	0.35	ng	100
15) Acenaphthylene	14.51	152	14106	0.35	ng	100
16) Acenaphthene	14.85	154	2423	0.37	ng	97
17) Fluorene	15.85	166	2872	0.36	ng	99
19) Hexachlorobenzene	16.87	284	2114	0.79	ng	# 54
20) Pentachlorophenol	17.23	266	236	0.52	ng	93
21) Phenanthrene	17.58	178	5365	0.34	ng	95
22) Anthracene	17.69	178	4565	0.32	ng	99
23) Fluoranthene	19.59	202	22322	0.33	ng	99
25) Pyrene	19.95	202	23520	0.37	ng	100
27) Benzo(a)anthracene	21.70	228	24306	0.38	ng	# 83
28) Chrysene	21.70	228	24306	0.33	ng	# 65
29) Bis(2-ethylhexyl)phthalate	21.61	149	3737	0.54	ng	# 73
30) Indeno(1,2,3-cd)pyrene	26.55	276	29966	0.45	ng	98
32) Benzo(b)fluoranthene	23.35	252	6884	0.39	ng	96
33) Benzo(k)fluoranthene	23.39	252	6462	0.33	ng	99
34) Benzo(a)pyrene	23.96	252	6076	0.35	ng	96
35) Dibenzo(a,h)anthracene	26.58	278	6101	0.37	ng	98
36) Benzo(g,h,i)perylene	27.31	276	26252	0.38	ng	99

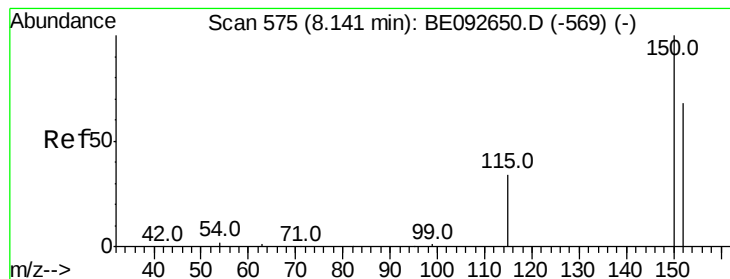
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 16 15:00:30 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: BE092650.D

Acq: 16 Jan 2017 13:52

Instrument :

BNA_E

ClientSampleId :

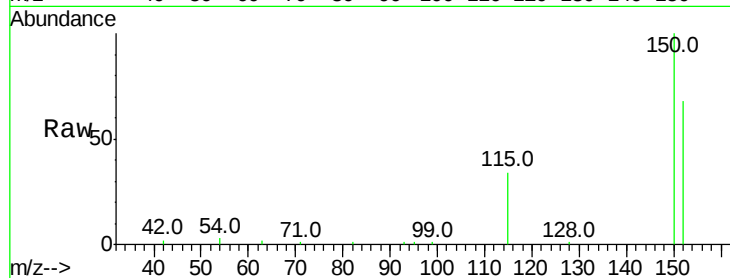
Tot Ion:152 Resp: 9746

Ion Ratio Lower Upper

152 100

150 146.4 106.0 159.0

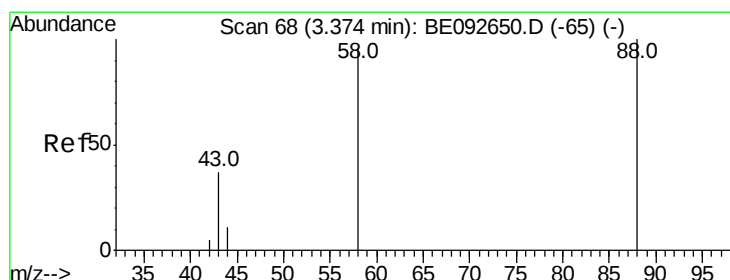
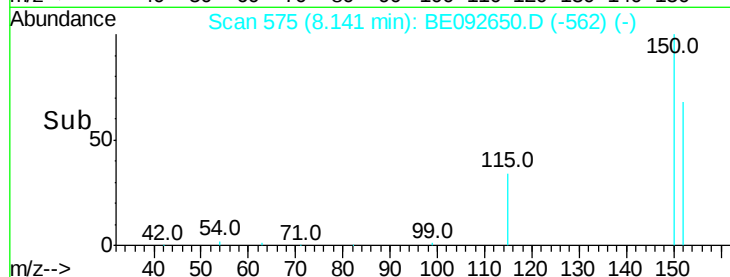
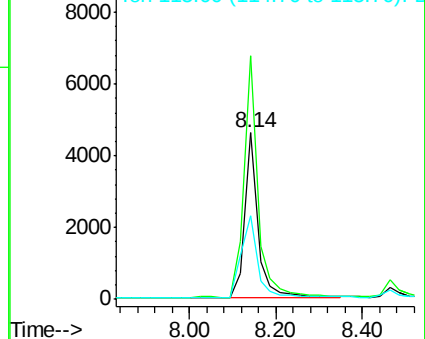
115 50.3 31.2 46.8#



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: 0.45 ng

RT: 3.37 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE092650.D

Acq: 16 Jan 2017 13:52

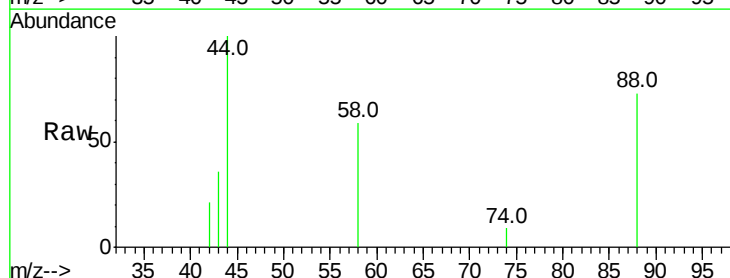
Tgt Ion: 88 Resp: 636

Ion Ratio Lower Upper

88 100

58 71.4 63.6 95.4

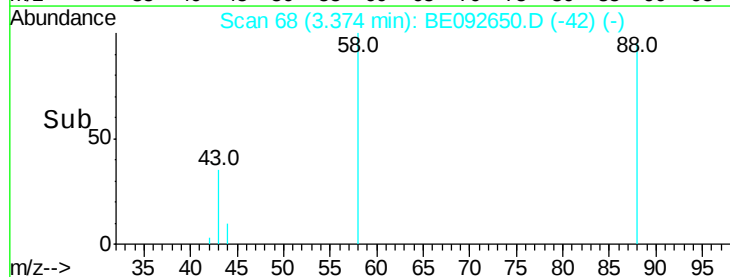
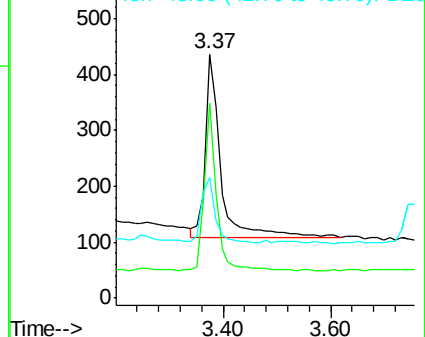
43 31.6 28.0 42.0

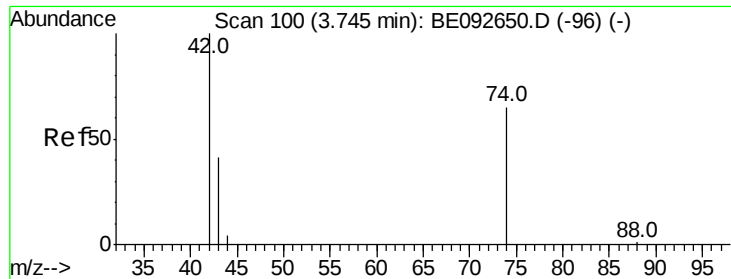


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.51 ng

RT: 3.74 min Scan# 100

Delta R.T. 0.00 min

Lab File: BE092650.D

Acq: 16 Jan 2017 13:52

Instrument :

BNA_E

ClientSampleId :

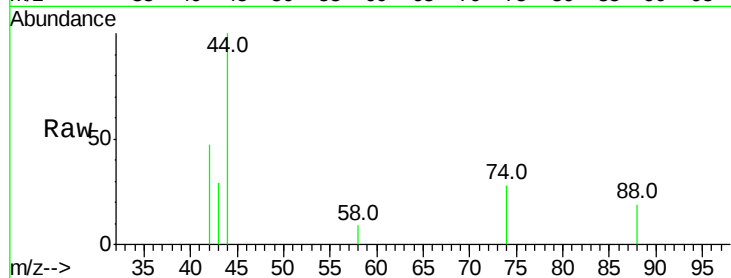
Tot Ion: 42 Resp: 615

Ion Ratio Lower Upper

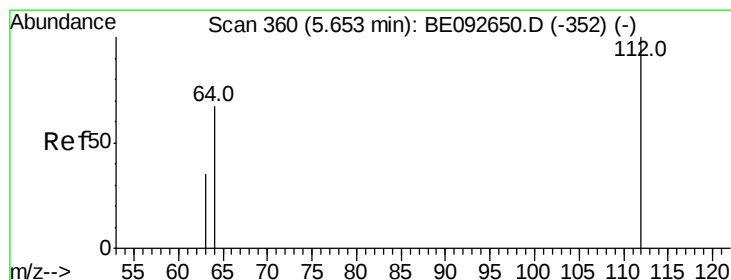
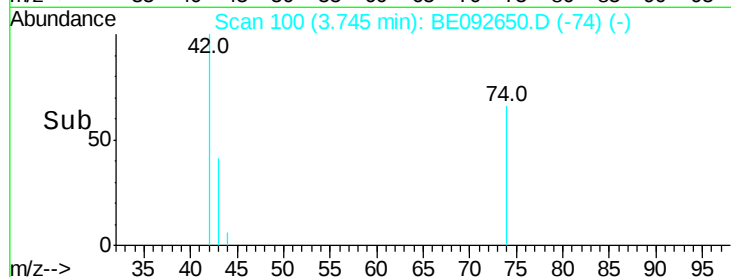
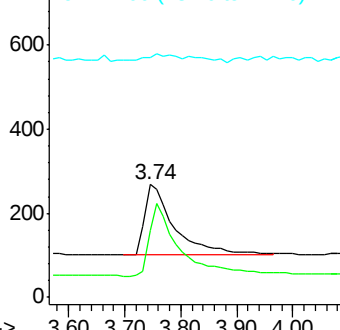
42 100

74 107.6 86.0 129.0

44 8.3 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: 0.50 ng

RT: 5.65 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE092650.D

Acq: 16 Jan 2017 13:52

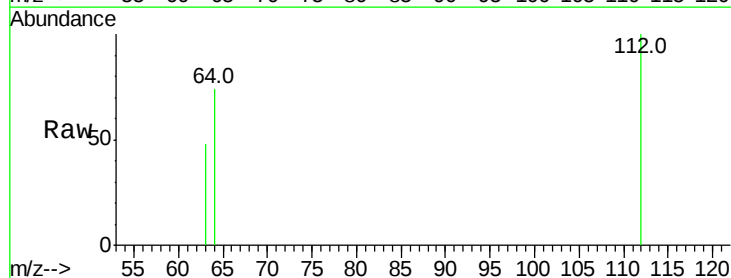
Tgt Ion: 112 Resp: 740

Ion Ratio Lower Upper

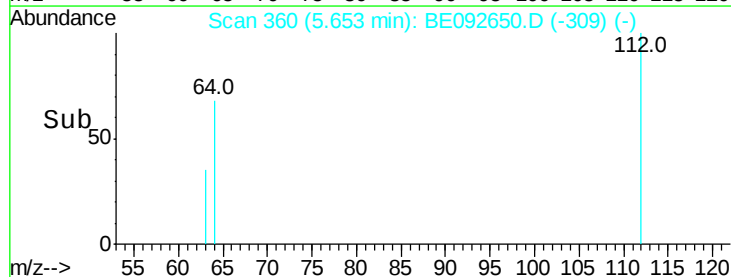
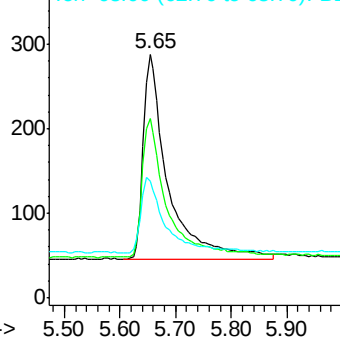
112 100

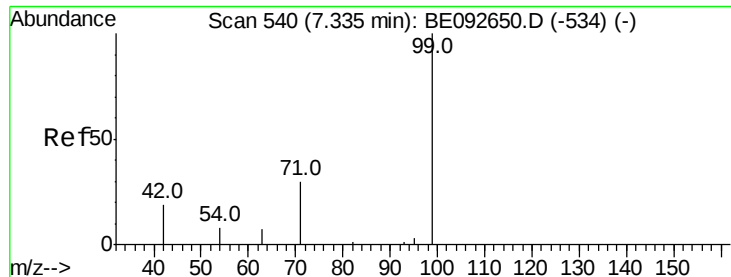
64 65.8 53.5 80.3

63 35.9 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: 0.41 ng

RT: 7.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: BE092650.D

Acq: 16 Jan 2017 13:52

Instrument :

BNA_E

ClientSampleId :

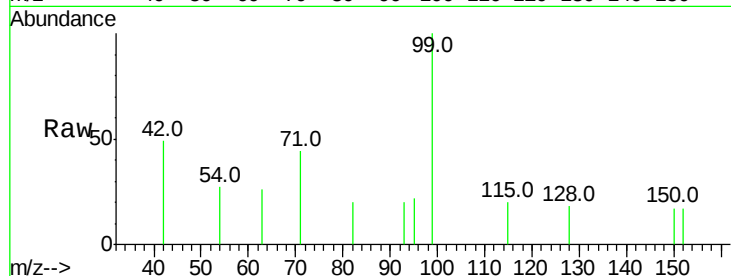
Tot Ion: 99 Resp: 878

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

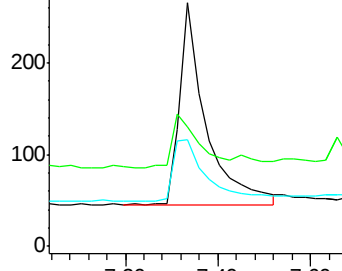
71 38.0 30.6 45.8



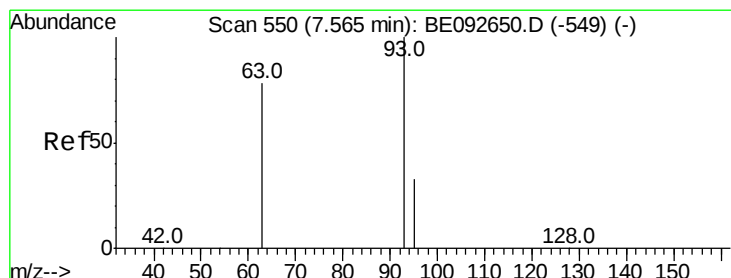
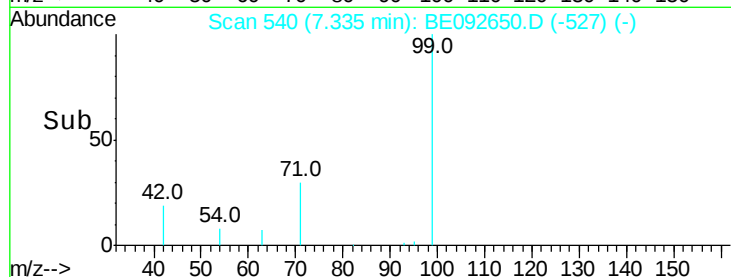
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.43 ng

RT: 7.57 min Scan# 550

Delta R.T. 0.00 min

Lab File: BE092650.D

Acq: 16 Jan 2017 13:52

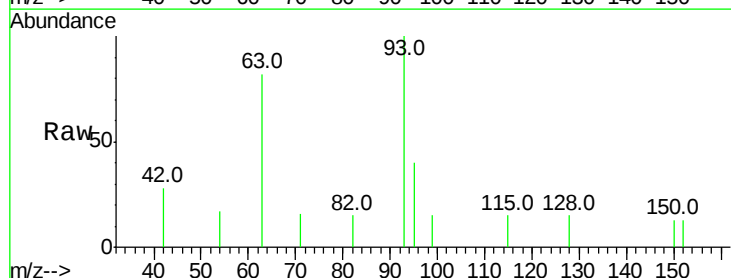
Tgt Ion: 93 Resp: 951

Ion Ratio Lower Upper

93 100

63 73.4 71.6 107.4

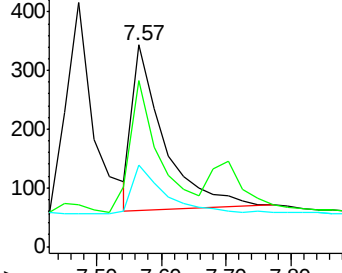
95 32.6 24.0 36.0



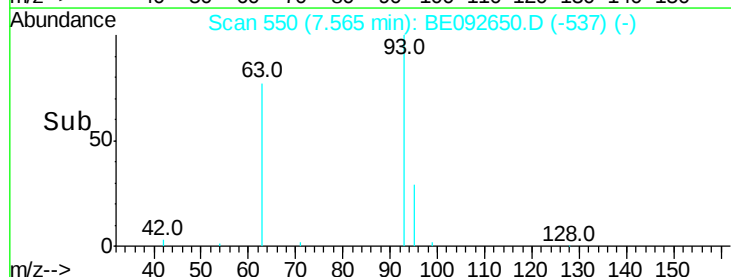
Abundance Ion 93.00 (92.70 to 93.70): BE0

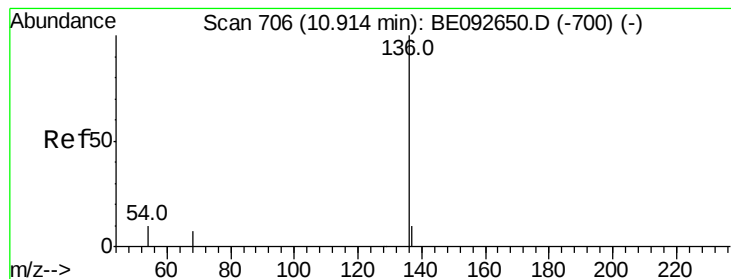
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.91 min Scan# 706

Delta R.T. 0.00 min

Lab File: BE092650.D

Acq: 16 Jan 2017 13:52

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 45021

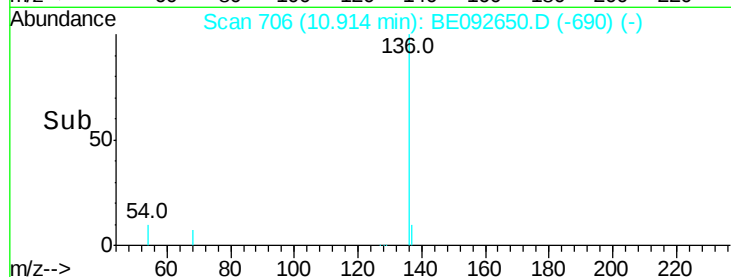
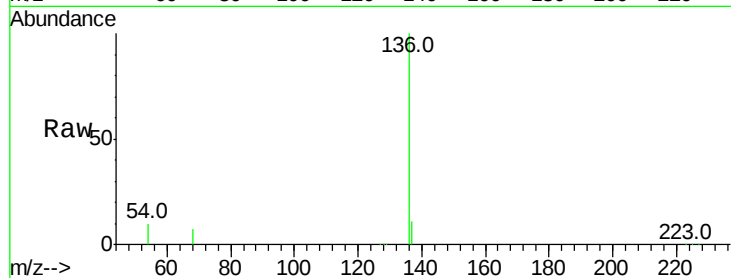
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 10.2 9.6 14.4

68 7.1 6.7 10.1

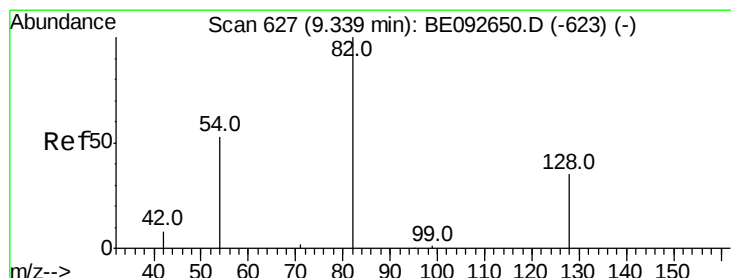
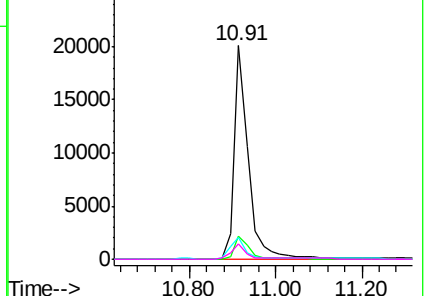


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.38 ng

RT: 9.34 min Scan# 627

Delta R.T. 0.00 min

Lab File: BE092650.D

Acq: 16 Jan 2017 13:52

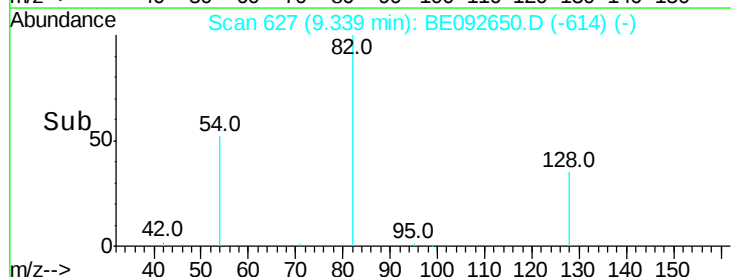
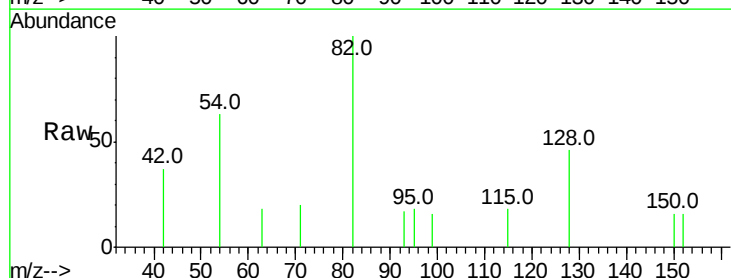
Tgt Ion: 82 Resp: 969

Ion Ratio Lower Upper

82 100

128 45.8 39.0 58.4

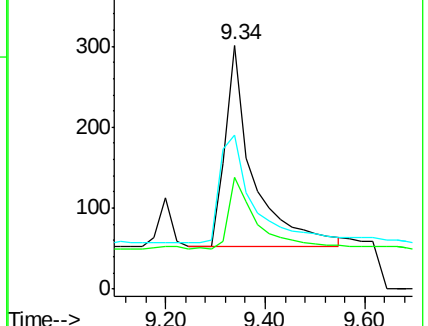
54 63.1 44.8 67.2

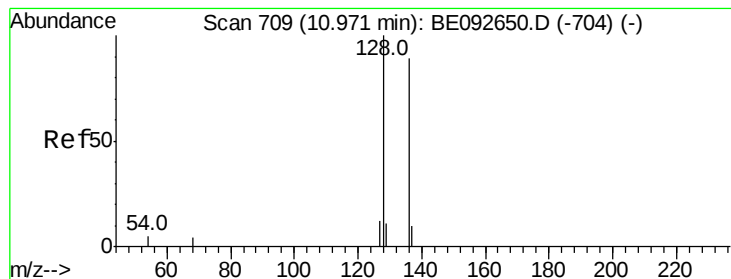


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.38 ng

RT: 10.97 min Scan# 709

Delta R.T. 0.00 min

Lab File: BE092650.D

Acq: 16 Jan 2017 13:52

Instrument :

BNA_E

ClientSampleId :

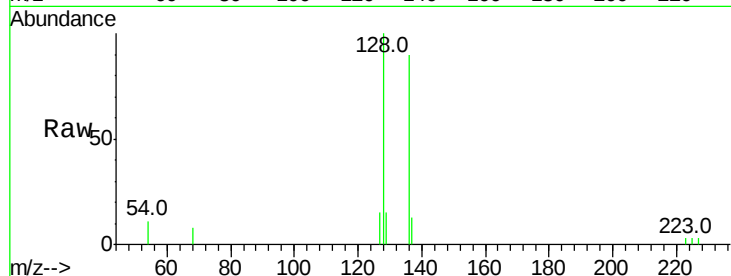
Tot Ion:128 Resp: 3474

Ion Ratio Lower Upper

128 100

129 14.6 11.2 16.8

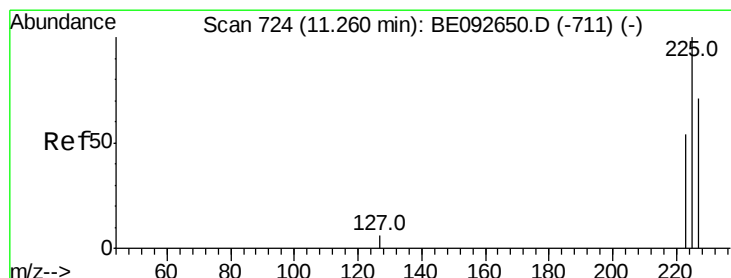
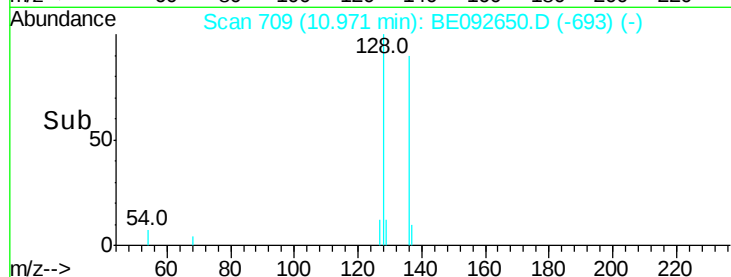
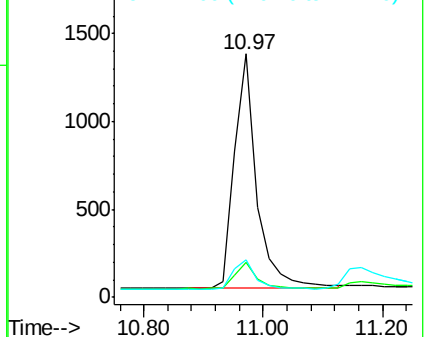
127 15.2 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.38 ng

RT: 11.26 min Scan# 724

Delta R.T. 0.00 min

Lab File: BE092650.D

Acq: 16 Jan 2017 13:52

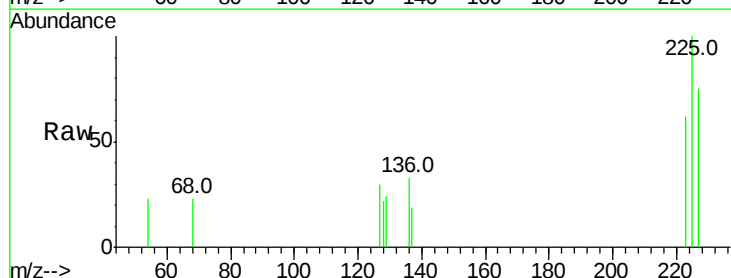
Tgt Ion:225 Resp: 527

Ion Ratio Lower Upper

225 100

223 64.5 50.6 76.0

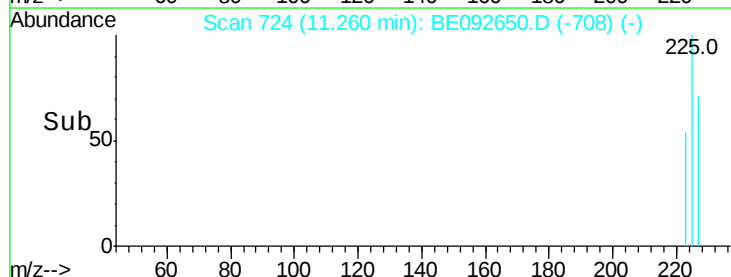
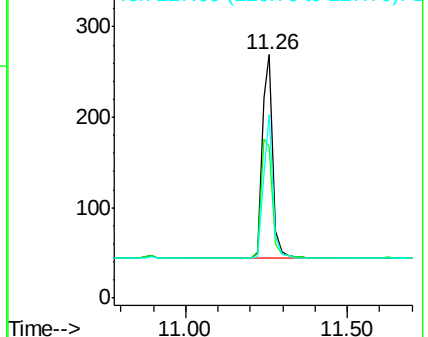
227 63.8 51.4 77.0



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.35 ng

RT: 12.61 min Scan# 813

Delta R.T. 0.00 min

Lab File: BE092650.D

Acq: 16 Jan 2017 13:52

Instrument :

BNA_E

ClientSampleId :

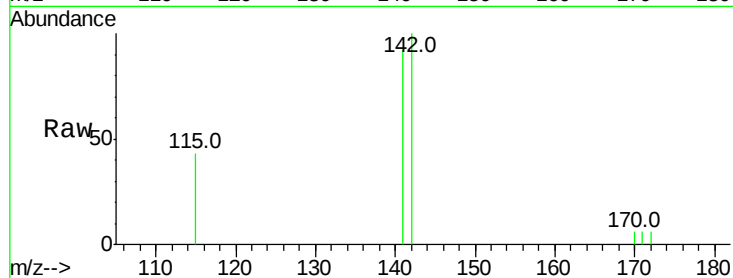
Tot Ion:142 Resp: 2087

Ion Ratio Lower Upper

142 100

141 92.3 73.7 110.5

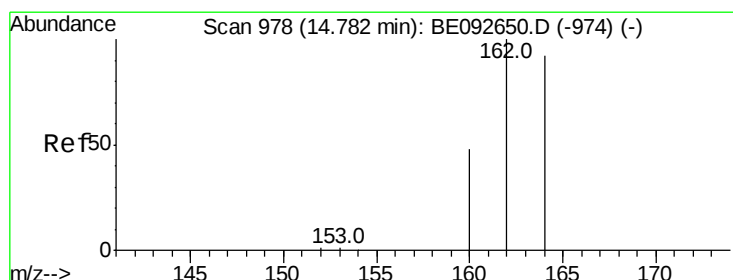
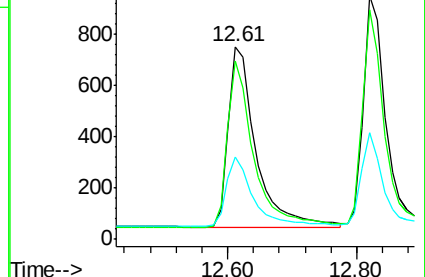
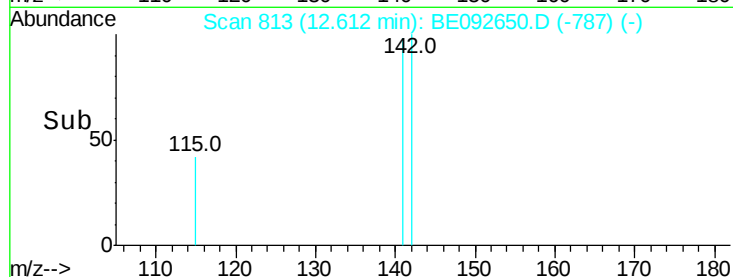
115 43.1 34.0 51.0



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: BE092650.D

Acq: 16 Jan 2017 13:52

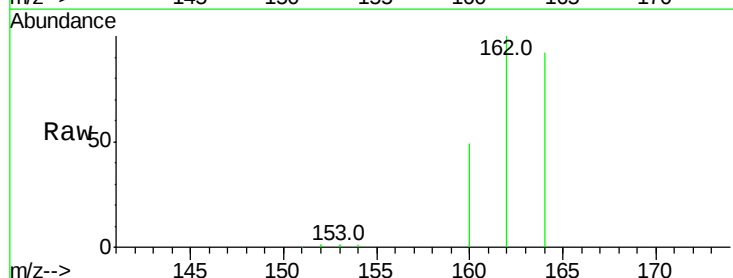
Tgt Ion:164 Resp: 28854

Ion Ratio Lower Upper

164 100

162 109.0 71.4 107.0#

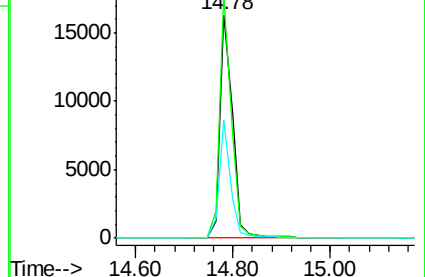
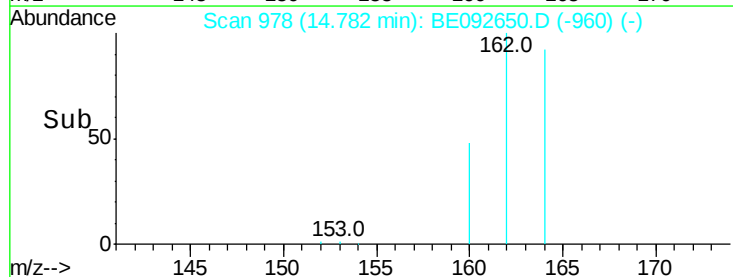
160 52.9 27.4 41.2#

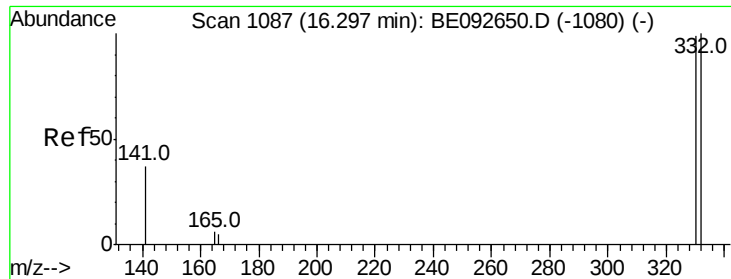


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

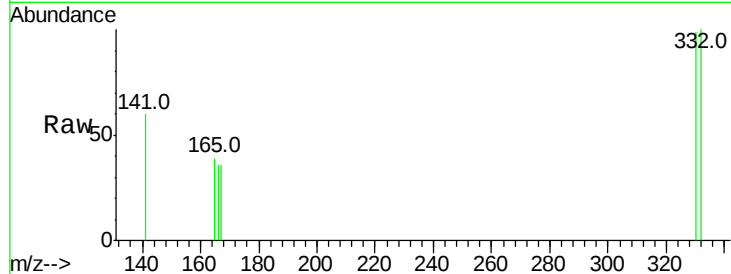




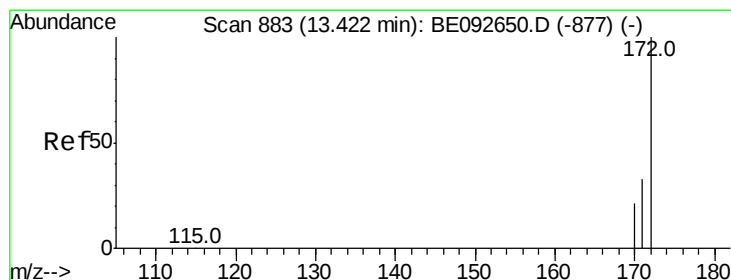
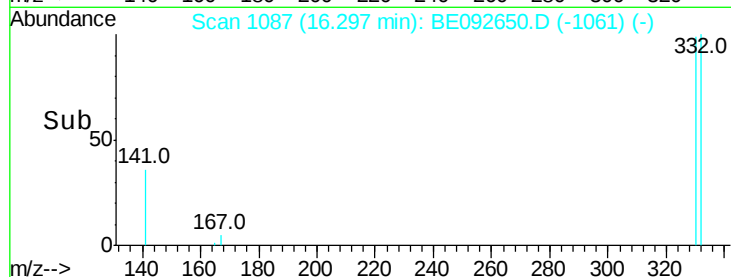
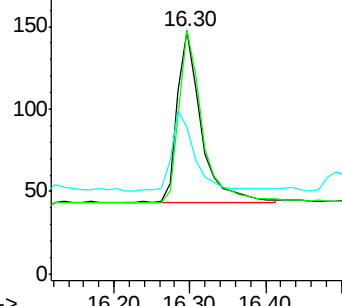
#13
 2,4,6-Tribromophenol
 Concen: 0.36 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BE092650.D
 Acq: 16 Jan 2017 13:52

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 232
 Ion Ratio Lower Upper
 330 100
 332 100.9 75.4 113.0
 141 47.4 31.0 46.6#

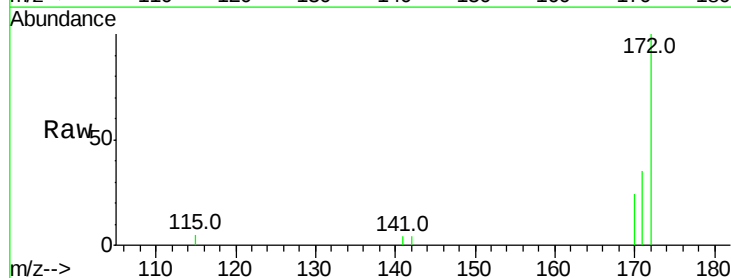


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

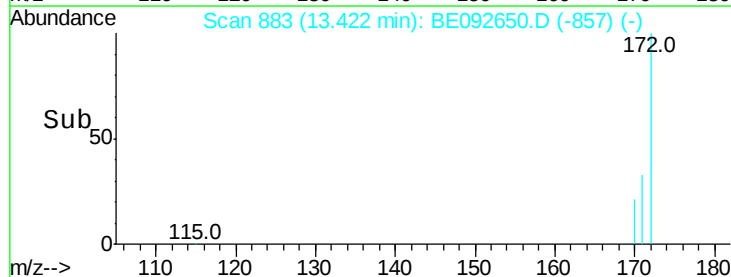
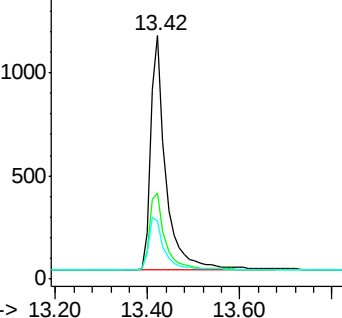


#14
 2-Fluorobiphenyl
 Concen: 0.38 ng
 RT: 13.42 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BE092650.D
 Acq: 16 Jan 2017 13:52

Tgt Ion:172 Resp: 2634
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.1 45.1
 170 23.8 21.8 32.6



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





#15

Acenaphthylene

Concen: 0.35 ng

RT: 14.51 min Scan# 962

Delta R.T. 0.00 min

Lab File: BE092650.D

Acq: 16 Jan 2017 13:52

Instrument :

BNA_E

ClientSampleId :

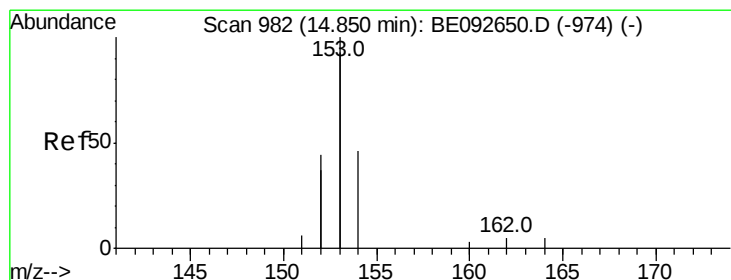
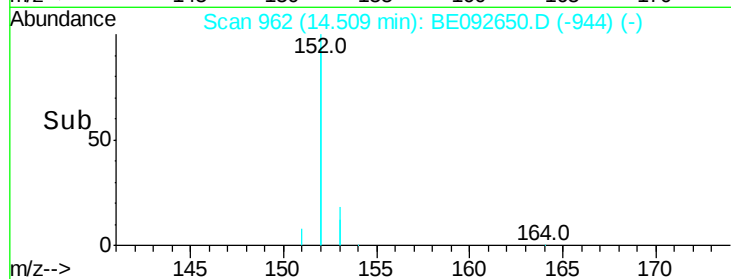
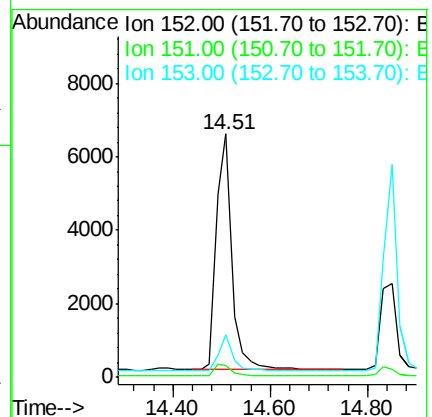
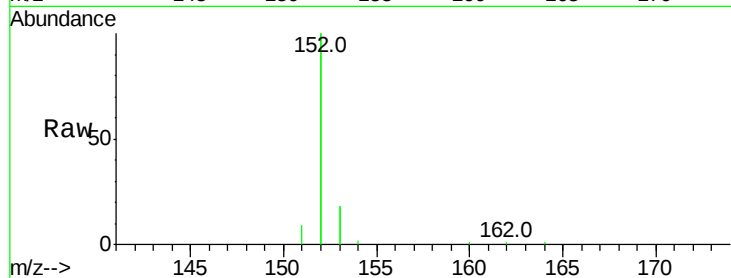
Tot Ion:152 Resp: 14106

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.2 10.4 15.6



#16

Acenaphthene

Concen: 0.37 ng

RT: 14.85 min Scan# 982

Delta R.T. 0.00 min

Lab File: BE092650.D

Acq: 16 Jan 2017 13:52

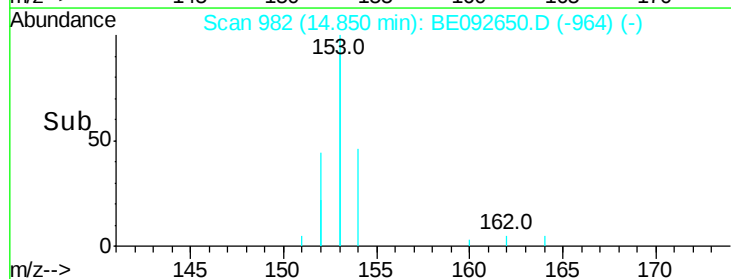
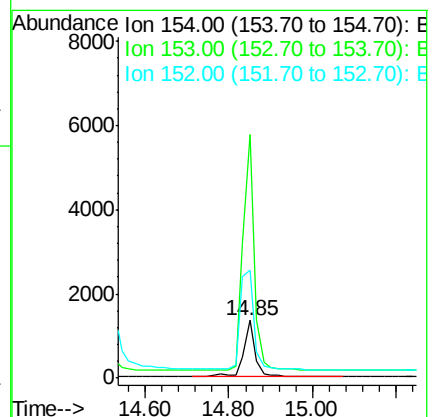
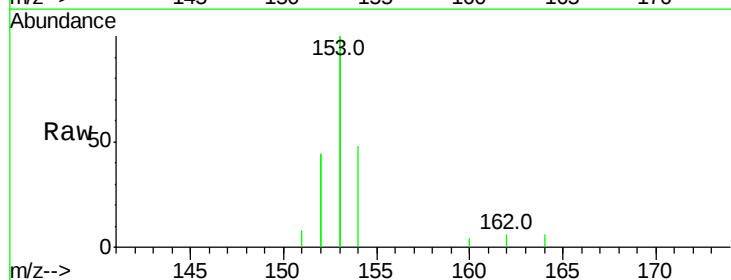
Tgt Ion:154 Resp: 2423

Ion Ratio Lower Upper

154 100

153 436.6 350.8 526.2

152 227.7 171.1 256.7

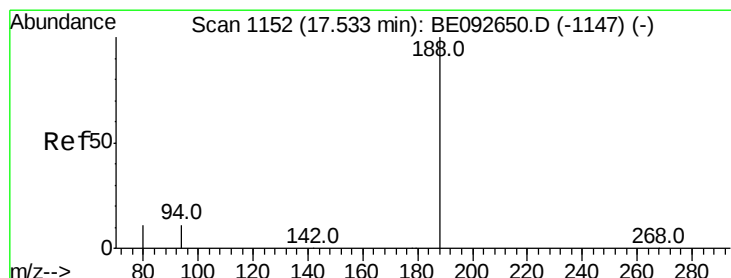
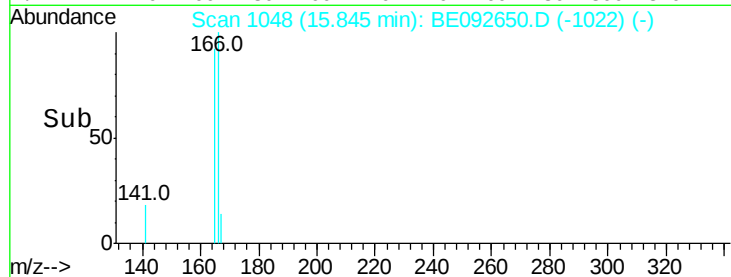
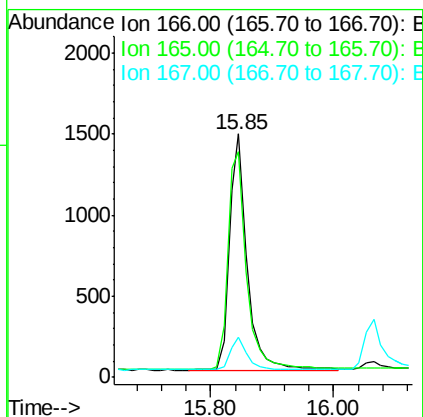
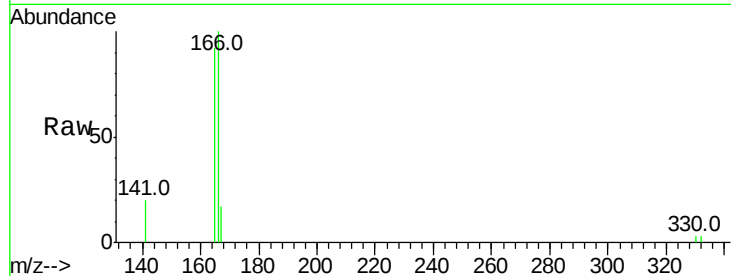




#17
Fluorene
 Concen: 0.36 ng
 RT: 15.85 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BE092650.D
 Acq: 16 Jan 2017 13:52

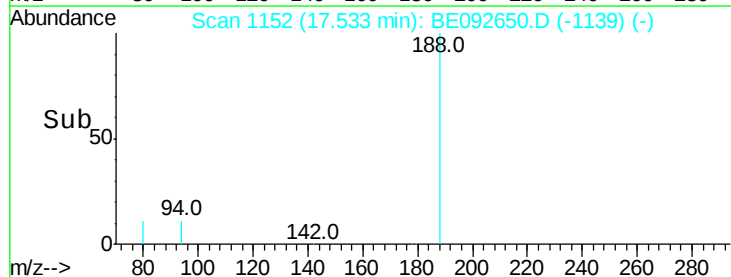
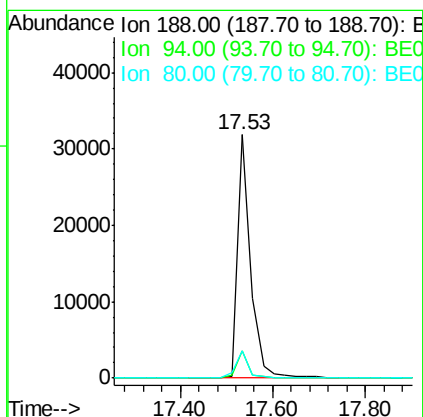
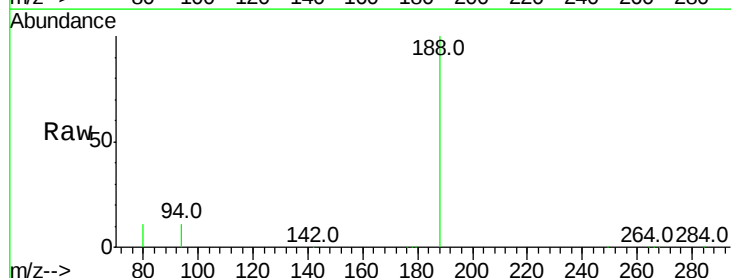
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:166 Resp: 2872
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.2 117.4
 167 13.7 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: BE092650.D
 Acq: 16 Jan 2017 13:52

Tgt Ion:188 Resp: 62814
 Ion Ratio Lower Upper
 188 100
 94 11.4 3.2 4.8#
 80 11.5 2.6 3.8#

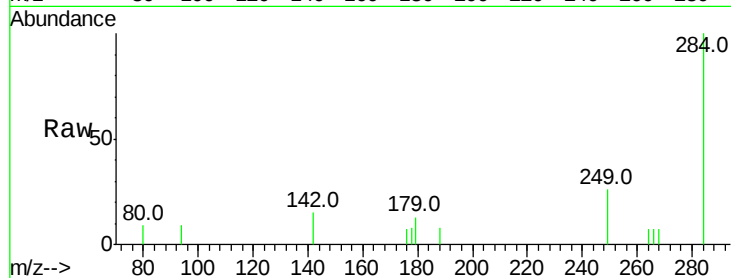




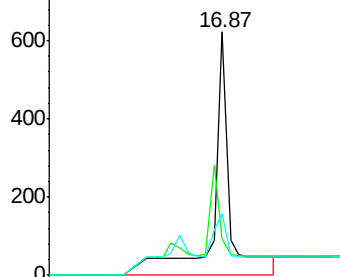
#19
Hexachlorobenzene
Concen: 0.79 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Instrument :
BNA_E
ClientSampleId :

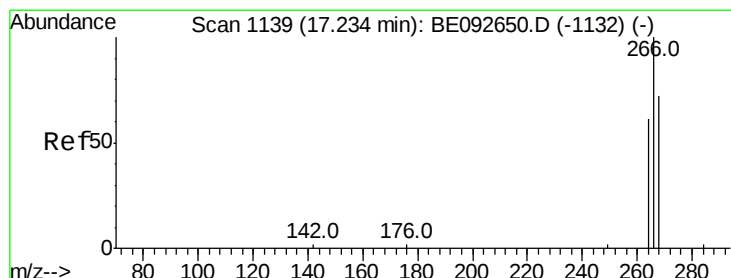
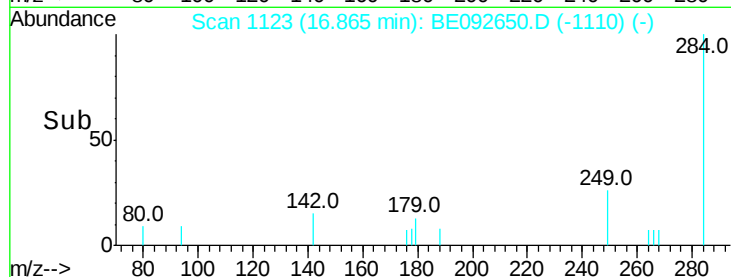
Tot Ion:284 Resp: 2114
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 17.3 27.9 41.9#



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

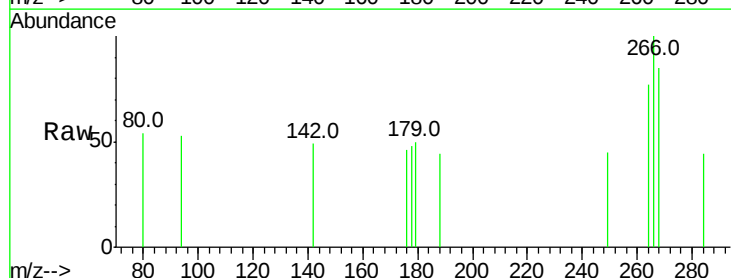


Time--> 16.40 16.60 16.80 17.00

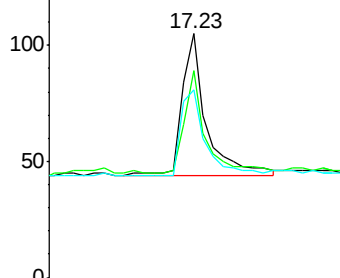


#20
Pentachlorophenol
Concen: 0.52 ng
RT: 17.23 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

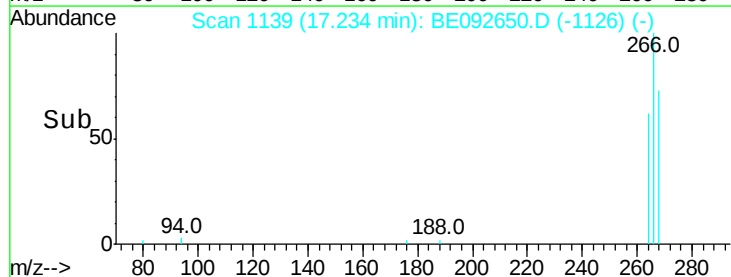
Tgt Ion:266 Resp: 236
Ion Ratio Lower Upper
266 100
268 84.8 62.5 93.7
264 77.1 57.2 85.8

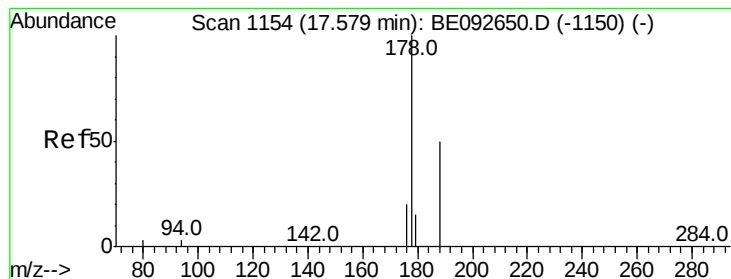


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



Time--> 17.00 17.20 17.40





#21

Phenanthrene

Concen: 0.34 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092650.D

Acq: 16 Jan 2017 13:52

Instrument :

BNA_E

ClientSampleId :

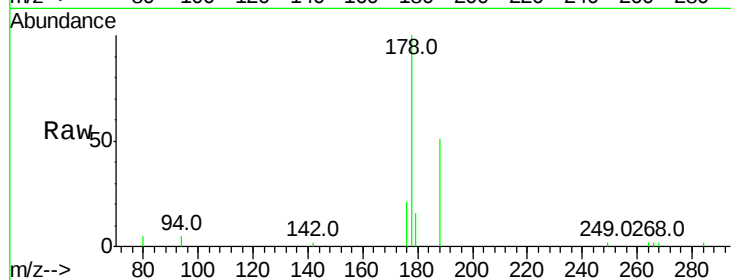
Tot Ion:178 Resp: 5365

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

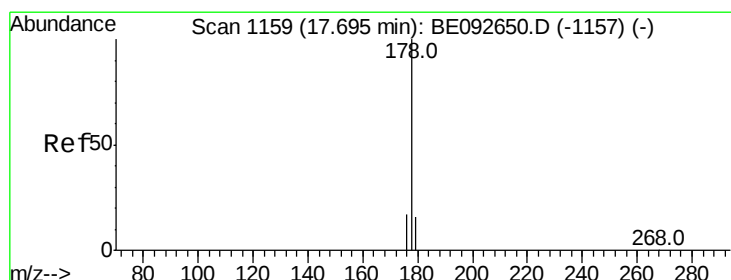
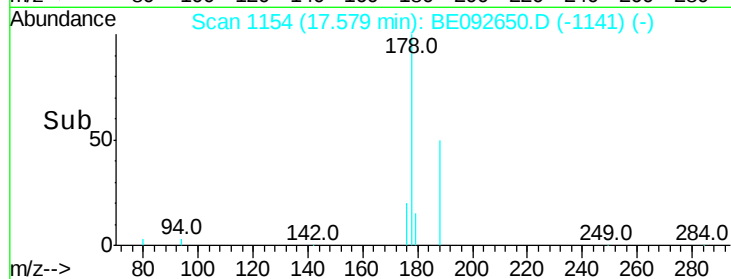
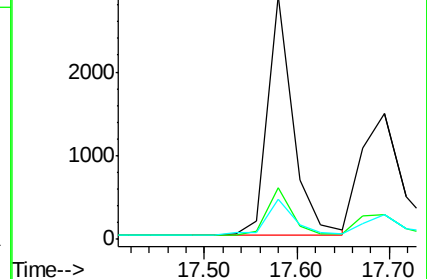
179 16.1 16.0 24.0



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: 0.32 ng

RT: 17.69 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE092650.D

Acq: 16 Jan 2017 13:52

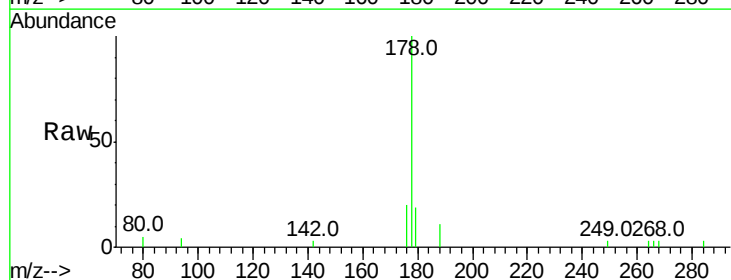
Tgt Ion:178 Resp: 4565

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

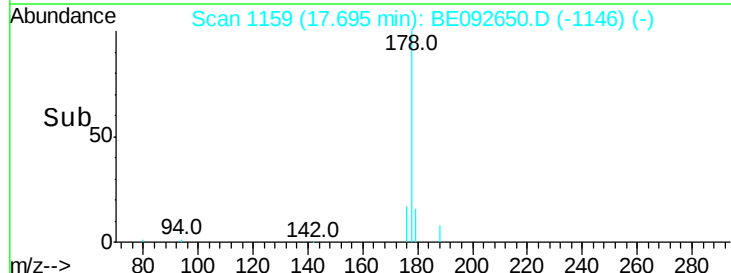
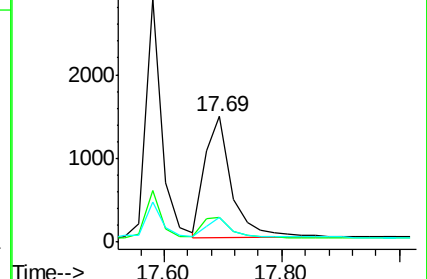
179 15.8 12.2 18.2

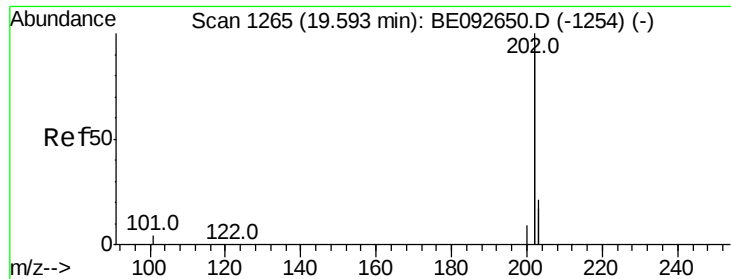


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.33 ng

RT: 19.59 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE092650.D

Acq: 16 Jan 2017 13:52

Instrument :

BNA_E

ClientSampleId :

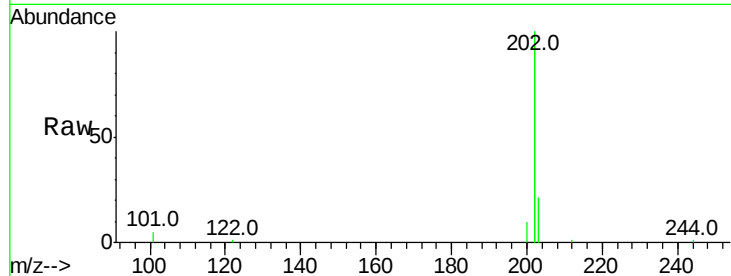
Tot Ion:202 Resp: 22322

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

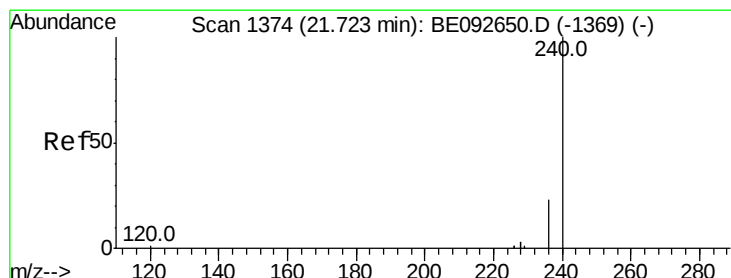
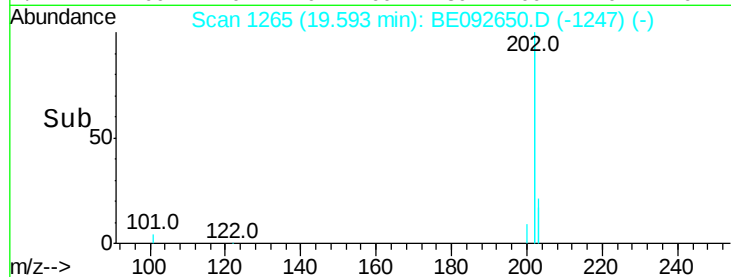
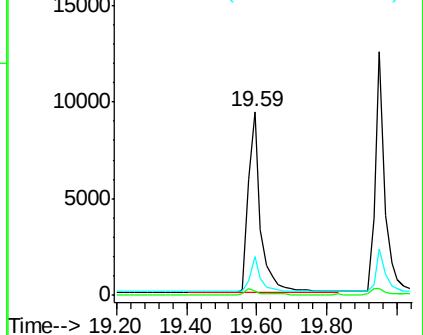
203 17.4 13.7 20.5



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: BE092650.D

Acq: 16 Jan 2017 13:52

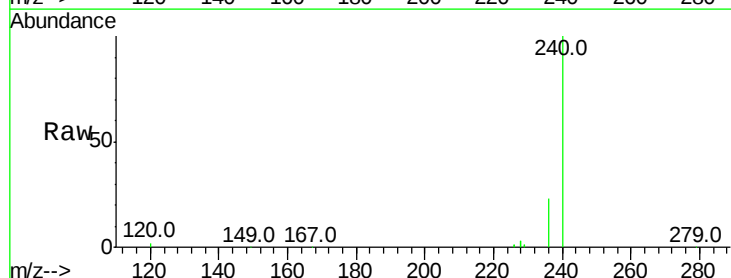
Tgt Ion:240 Resp: 71501

Ion Ratio Lower Upper

240 100

120 1.6 2.6 4.0#

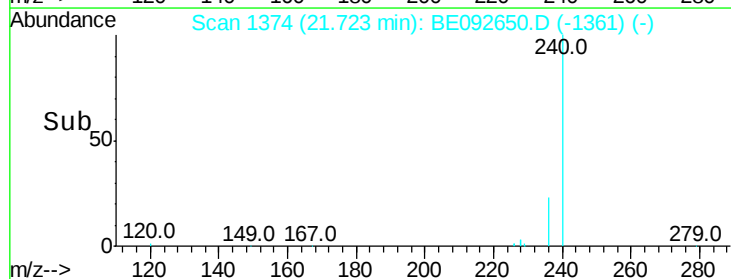
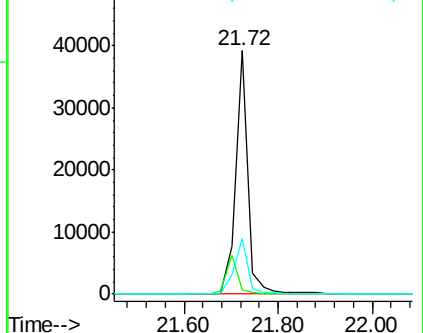
236 23.0 24.6 37.0#

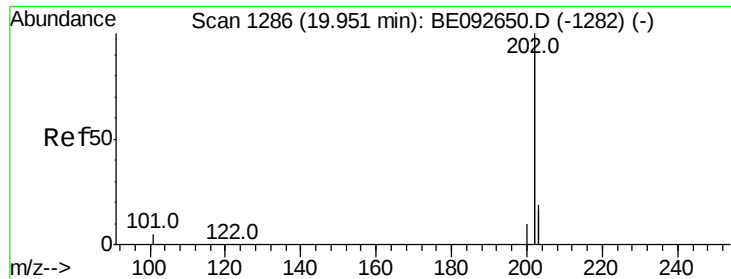


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

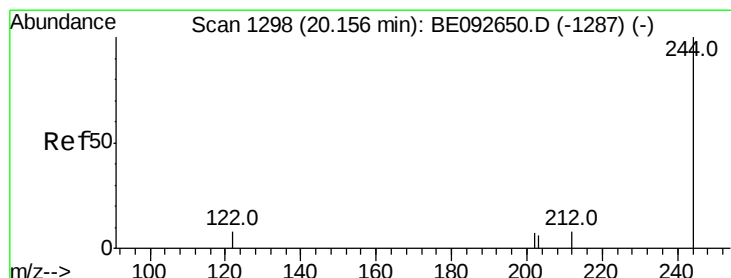
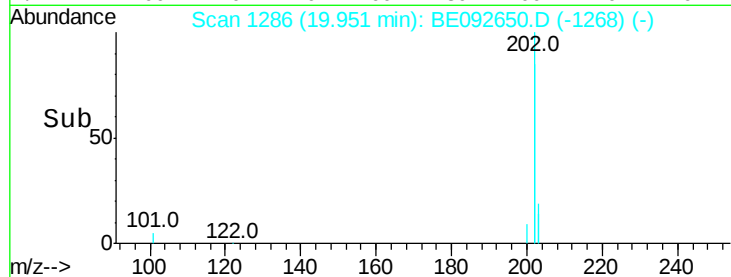
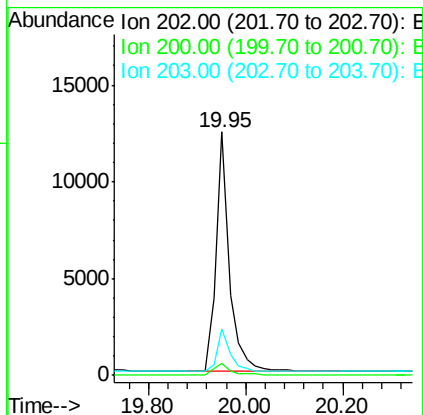
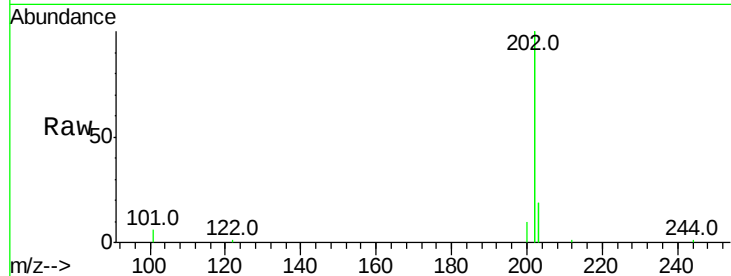




#25
Pvrene
Concen: 0.37 ng
RT: 19.95 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

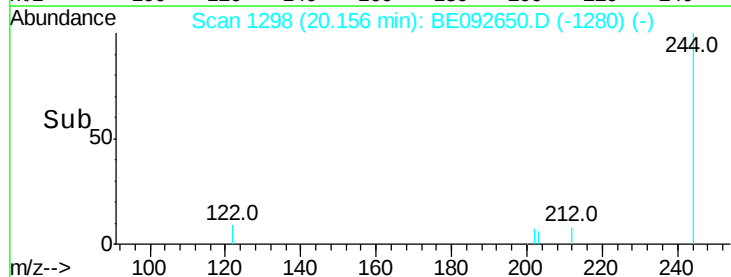
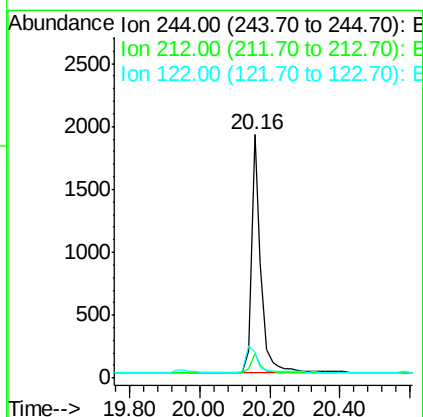
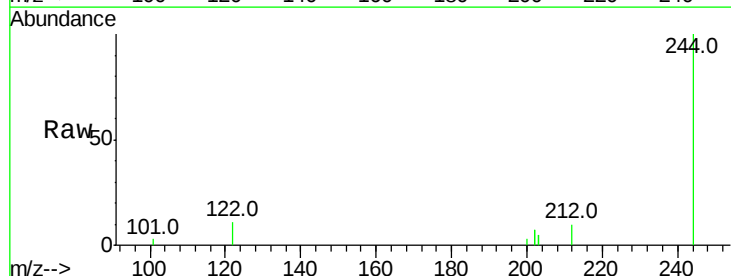
Instrument :
BNA_E
ClientSampleId :

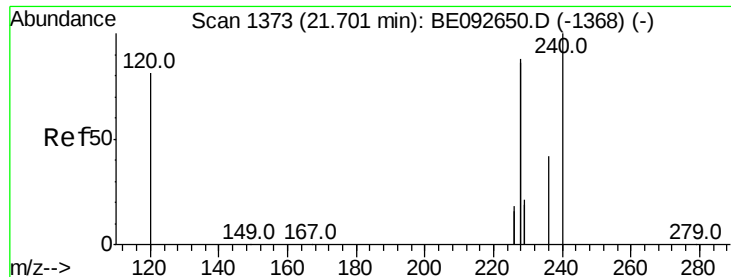
Tot Ion:202 Resp: 23520
Ion Ratio Lower Upper
202 100
200 5.2 4.2 6.4
203 17.6 13.9 20.9



#26
Terphenyl-d14
Concen: 0.40 ng
RT: 20.16 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion:244 Resp: 3470
Ion Ratio Lower Upper
244 100
212 10.4 6.7 10.1#
122 10.8 3.6 5.4#

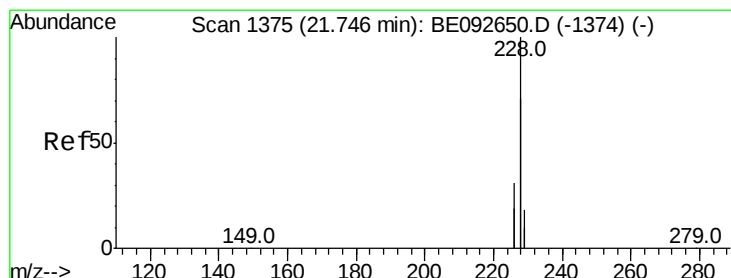
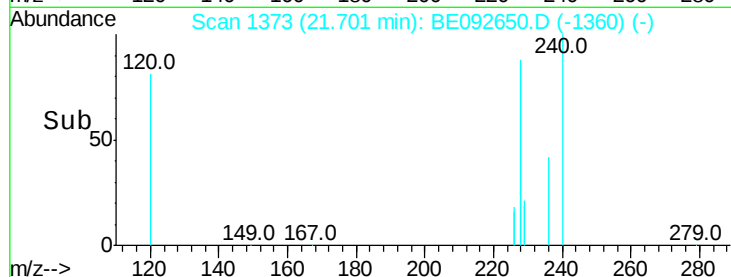
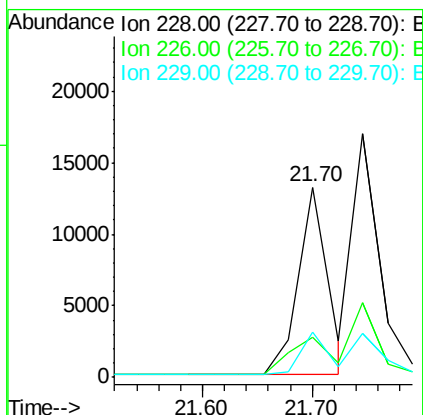
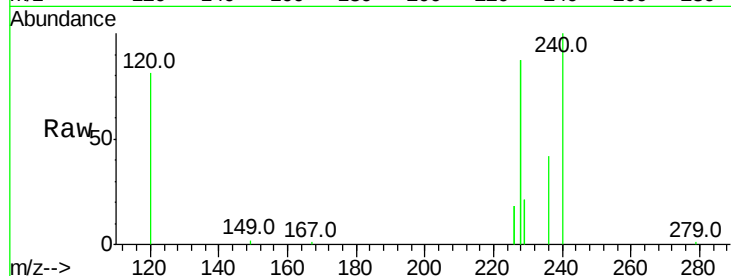




#27
Benzo(a)anthracene
Concen: 0.38 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

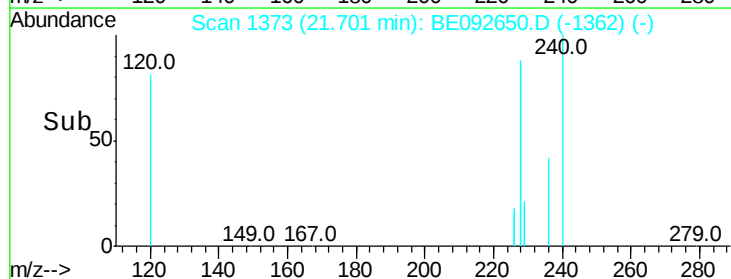
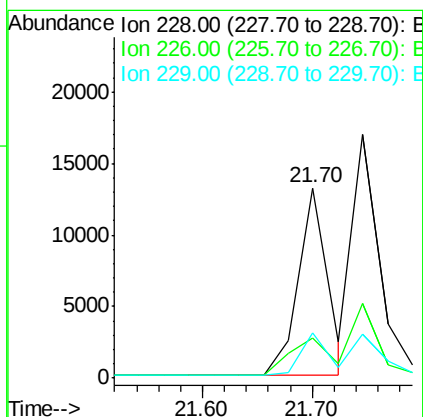
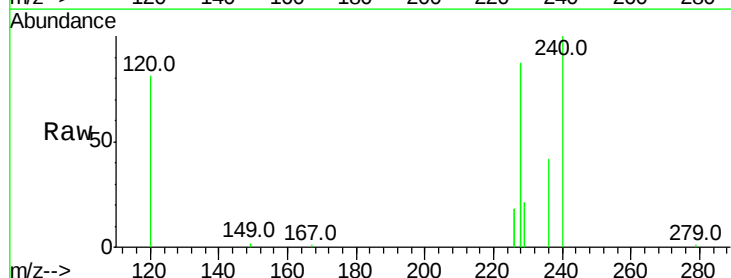
Instrument :
BNA_E
ClientSampled :

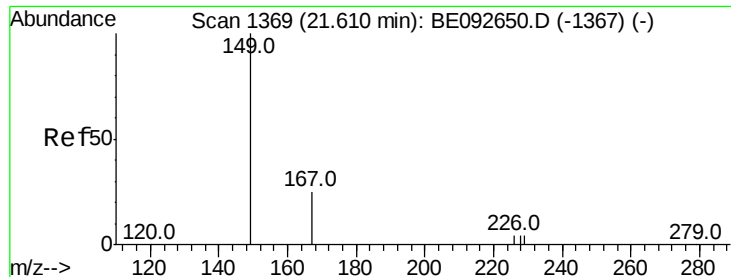
Tot Ion:228 Resp: 24306
Ion Ratio Lower Upper
228 100
226 20.8 23.6 35.4#
229 24.1 13.3 19.9#



#28
Chrysene
Concen: 0.33 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion:228 Resp: 24306
Ion Ratio Lower Upper
228 100
226 20.8 36.3 54.5#
229 24.1 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.54 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092650.D

Acq: 16 Jan 2017 13:52

Instrument :

BNA_E

ClientSampleId :

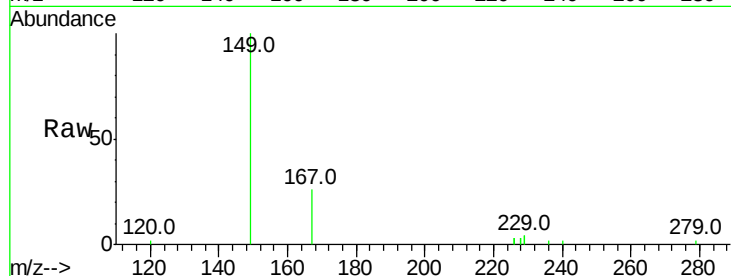
Tot Ion:149 Resp: 3737

Ion Ratio Lower Upper

149 100

167 24.6 16.0 24.0#

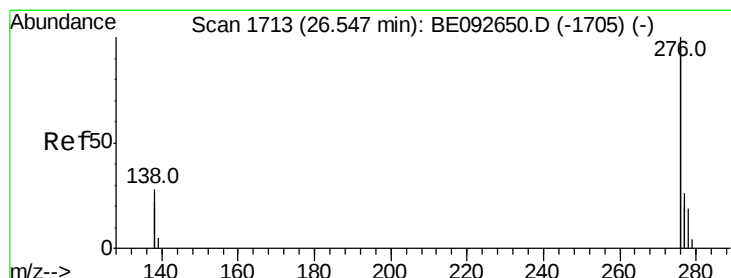
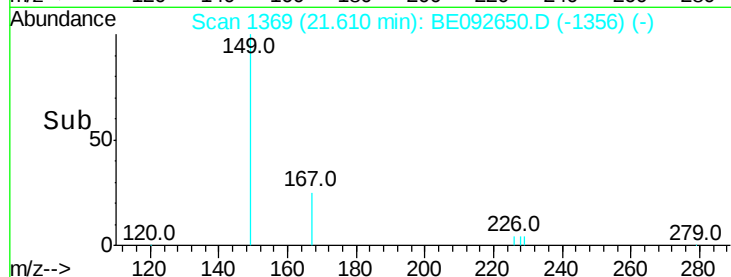
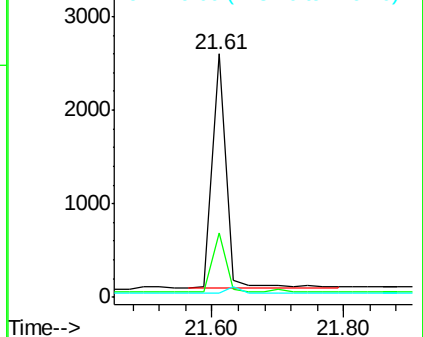
279 0.0 16.0 24.0#



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: 0.45 ng

RT: 26.55 min Scan# 1713

Delta R.T. 0.00 min

Lab File: BE092650.D

Acq: 16 Jan 2017 13:52

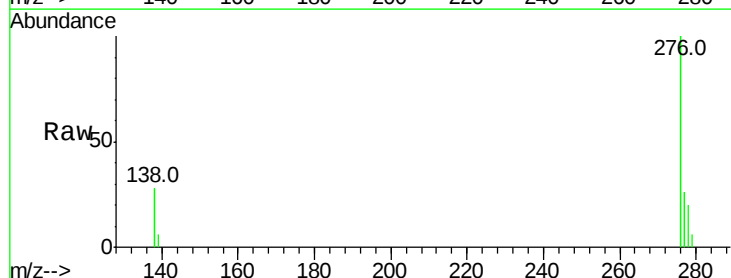
Tgt Ion:276 Resp: 29966

Ion Ratio Lower Upper

276 100

138 27.6 20.3 30.5

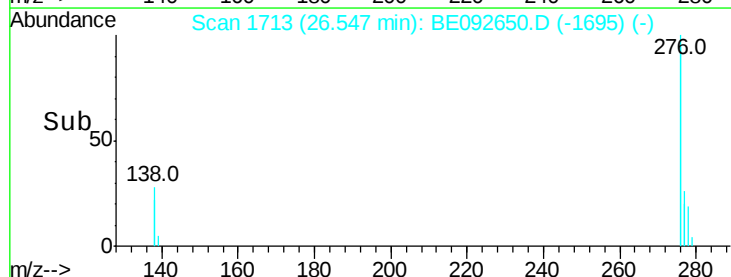
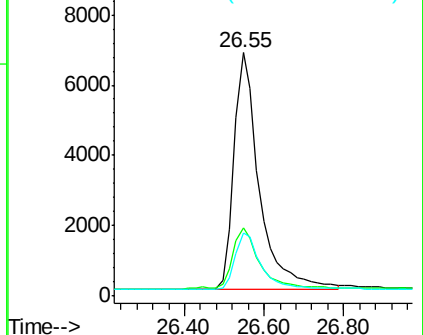
277 24.6 19.7 29.5

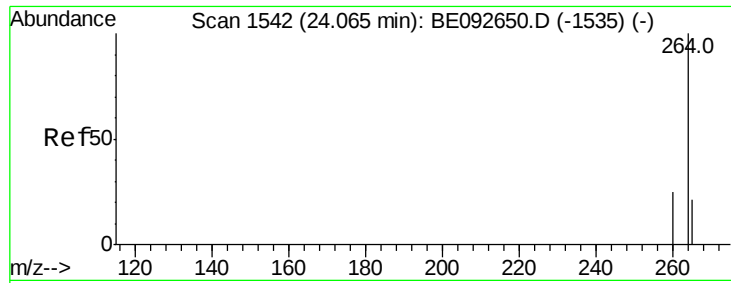


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



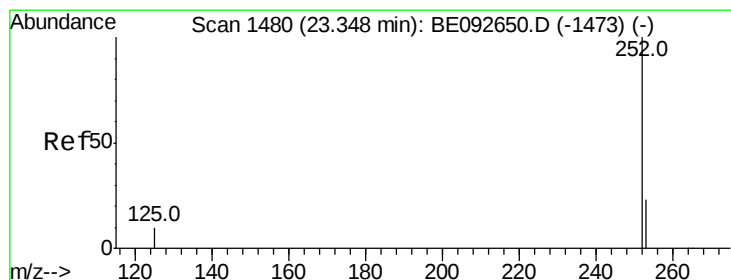
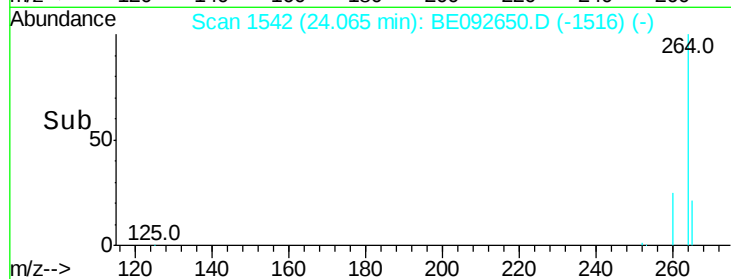
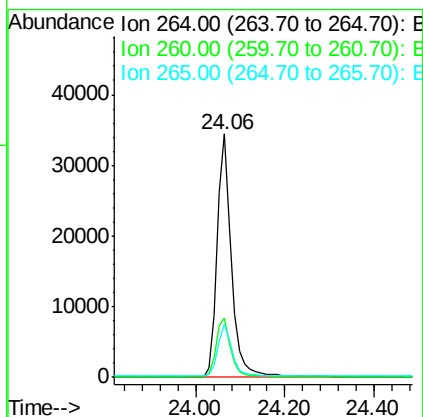
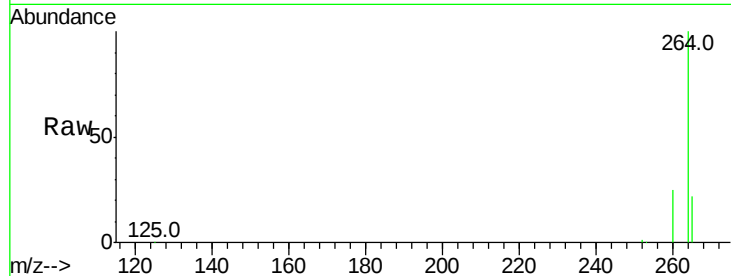


#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 77425

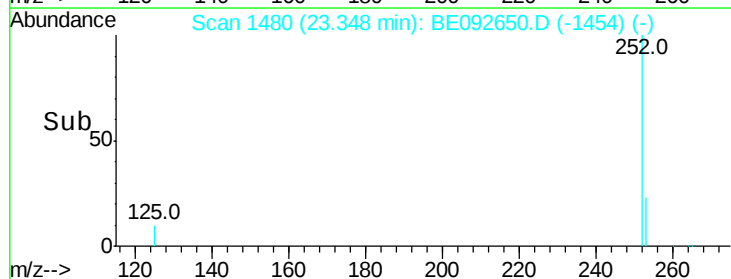
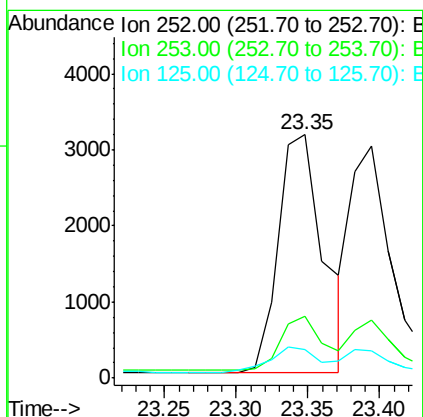
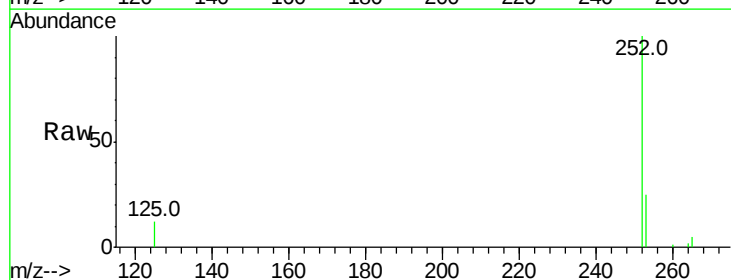
Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	21.9	17.9	26.9

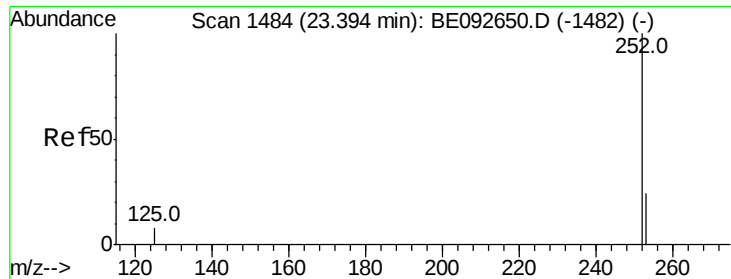


#32
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 23.35 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion:252 Resp: 6884

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.7	28.1
125	11.8	10.5	15.7

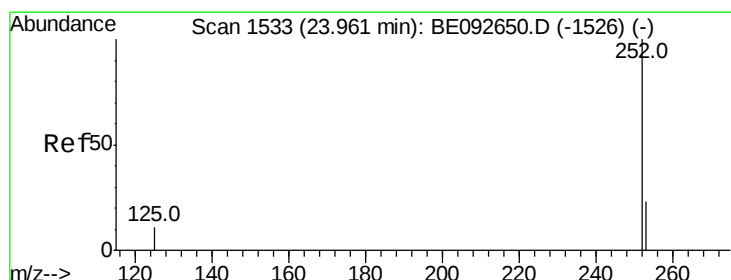
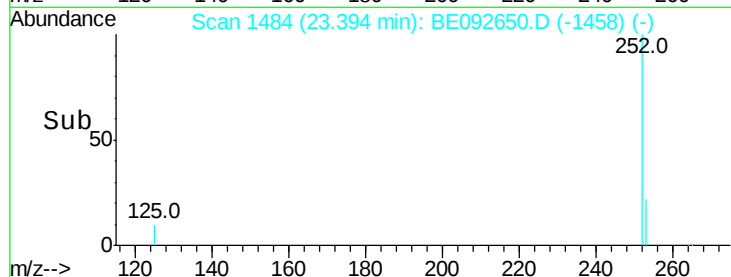
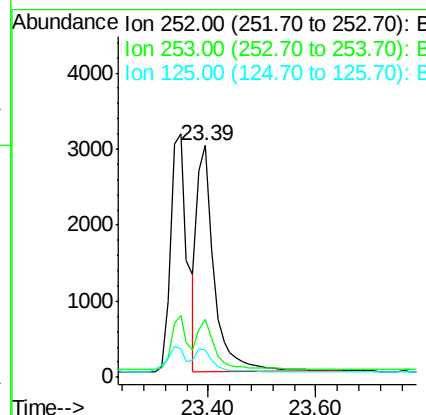
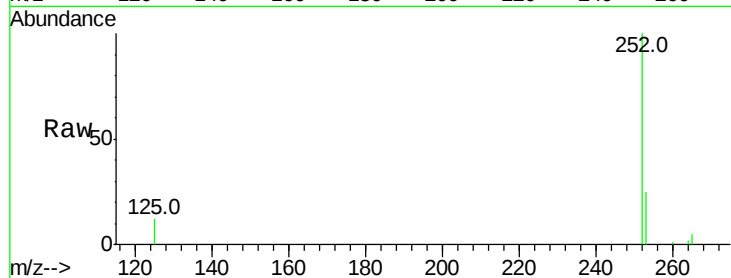




#33
Benzo(k)fluoranthene
Concen: 0.33 ng
RT: 23.39 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

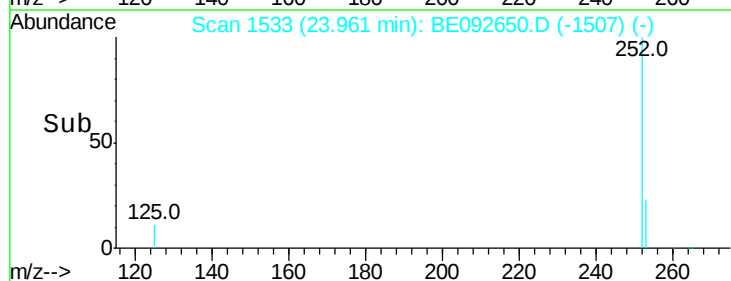
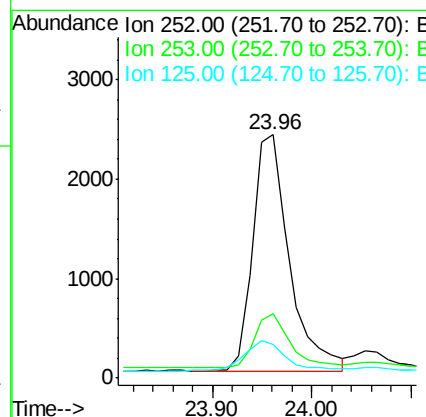
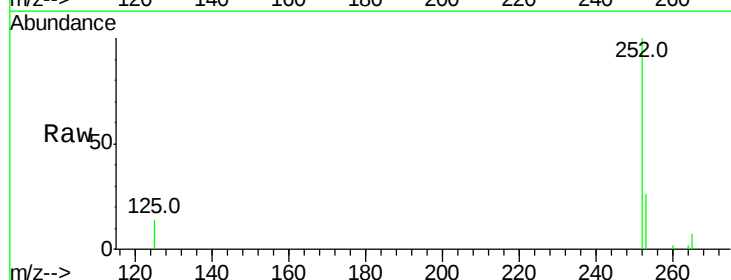
Instrument :
BNA_E
ClientSampleId :

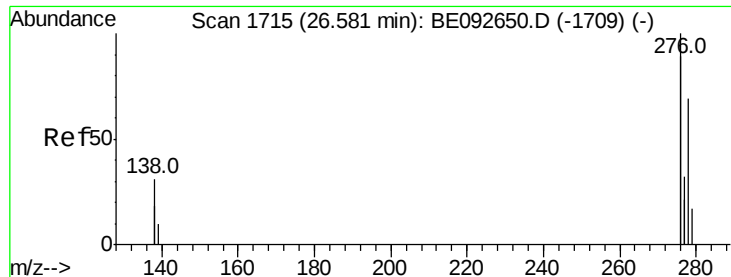
Tot Ion:252 Resp: 6462
Ion Ratio Lower Upper
252 100
253 25.0 20.3 30.5
125 11.8 9.6 14.4



#34
Benzo(a)pyrene
Concen: 0.35 ng
RT: 23.96 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion:252 Resp: 6076
Ion Ratio Lower Upper
252 100
253 26.4 19.0 28.6
125 13.6 11.8 17.8





#35

Dibenzo(a,h)anthracene

Concen: 0.37 ng

RT: 26.58 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BE092650.D

Acq: 16 Jan 2017 13:52

Instrument :

BNA_E

ClientSampleId :

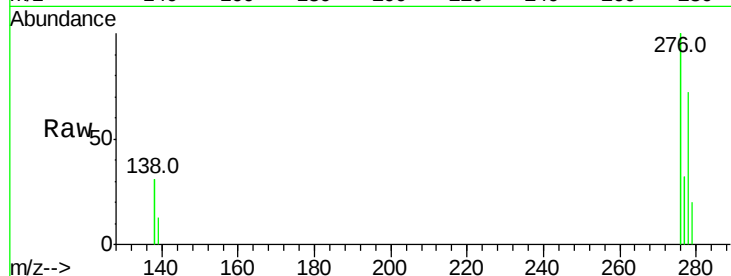
Tot Ion:278 Resp: 6101

Ion Ratio Lower Upper

278 100

139 18.7 13.8 20.8

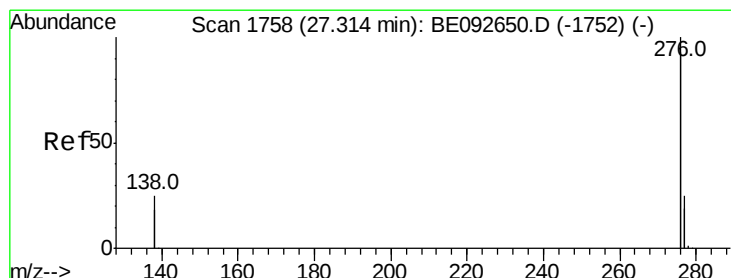
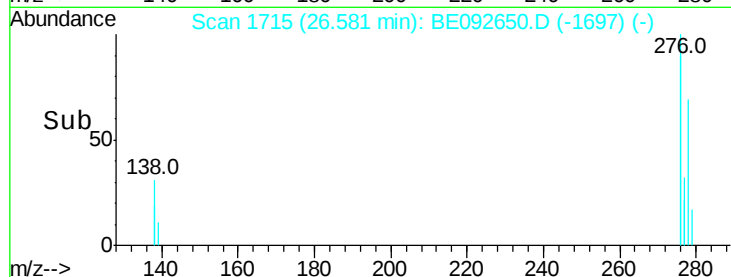
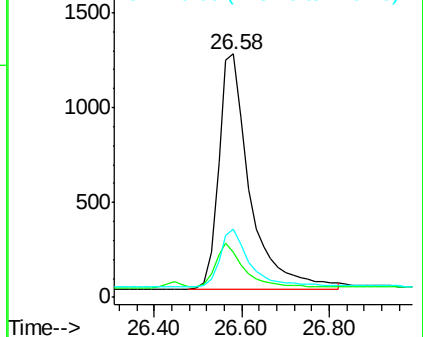
279 27.8 21.4 32.2



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: 0.38 ng

RT: 27.31 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BE092650.D

Acq: 16 Jan 2017 13:52

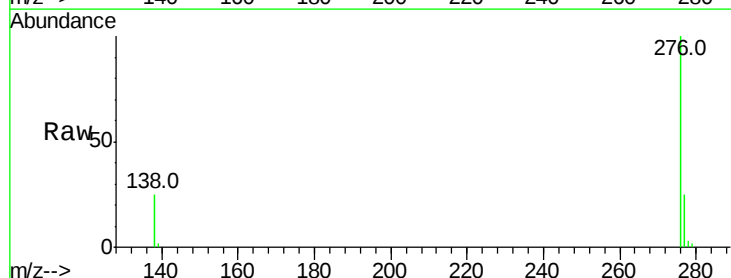
Tgt Ion:276 Resp: 26252

Ion Ratio Lower Upper

276 100

277 25.4 19.8 29.8

138 24.8 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

