

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011617\
 Data File : BE092651.D
 Acq On : 16 Jan 2017 14:31
 Operator : UM/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 16 15:35:03 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	8502	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	39278	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	25768	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	55274	5.00	ng	0.00
24) Chrysene-d12	21.72	240	62009	5.00	ng	0.00
31) Perylene-d12	24.06	264	68018	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	1422	1.10	ng	0.00
5) Phenol-d6	7.31	99	1788	0.96	ng	-0.02
8) Nitrobenzene-d5	9.32	82	1961	0.89	ng	-0.02
13) 2,4,6-Tribromophenol	16.28	330	464	0.80	ng	-0.01
14) 2-Fluorobiphenyl	13.41	172	4994	0.81	ng	-0.01
26) Terphenyl-d14	20.16	244	6459	0.85	ng	0.00

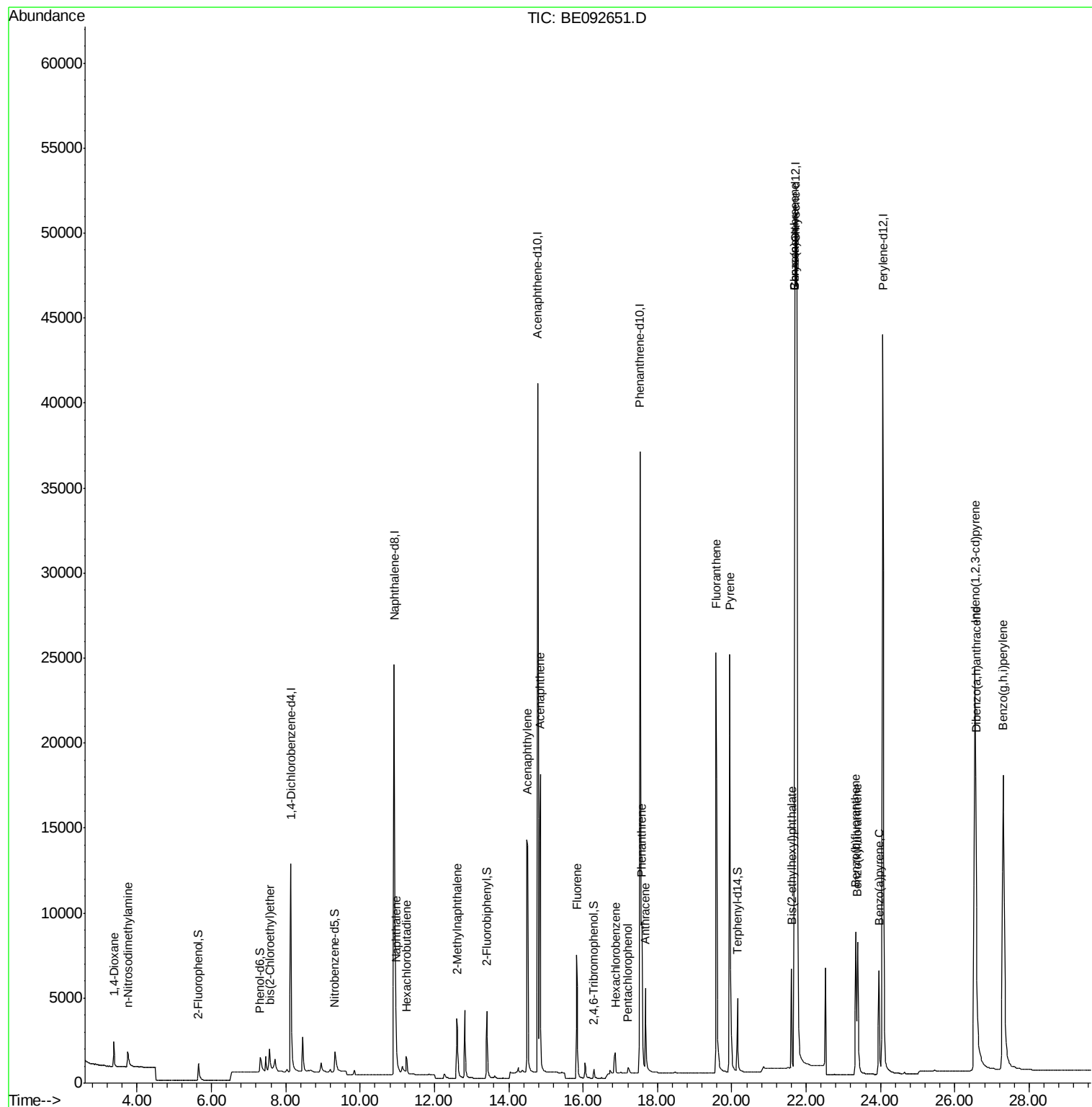
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	1019	0.82	ng	97
3) n-Nitrosodimethylamine	3.75	42	1225	1.18	ng	91
6) bis(2-Chloroethyl)ether	7.57	93	1914	0.99	ng	88
9) Naphthalene	10.97	128	6449	0.80	ng	98
10) Hexachlorobutadiene	11.24	225	987	0.81	ng	99
11) 2-Methylnaphthalene	12.60	142	3958	0.77	ng	99
15) Acenaphthylene	14.49	152	27445	0.77	ng	100
16) Acenaphthene	14.85	154	4432	0.76	ng	94
17) Fluorene	15.83	166	5548	0.77	ng	100
19) Hexachlorobenzene	16.87	284	1902	0.81	ng	# 39
20) Pentachlorophenol	17.21	266	475	1.18	ng	91
21) Phenanthrene	17.58	178	10212	0.73	ng	# 94
22) Anthracene	17.67	178	9146	0.72	ng	99
23) Fluoranthene	19.58	202	43232	0.72	ng	99
25) Pyrene	19.95	202	44563	0.82	ng	100
27) Benzo(a)anthracene	21.70	228	45529	0.82	ng	# 78
28) Chrysene	21.70	228	45529	0.71	ng	# 61
29) Bis(2-ethylhexyl)phthalate	21.61	149	7015	1.16	ng	# 74
30) Indeno(1,2,3-cd)pyrene	26.55	276	58630	1.01	ng	98
32) Benzo(b)fluoranthene	23.34	252	11912	0.76	ng	97
33) Benzo(k)fluoranthene	23.38	252	13828	0.79	ng	95
34) Benzo(a)pyrene	23.96	252	11684	0.77	ng	97
35) Dibenzo(a,h)anthracene	26.56	278	11871	0.83	ng	97
36) Benzo(g,h,i)perylene	27.30	276	50708	0.83	ng	99

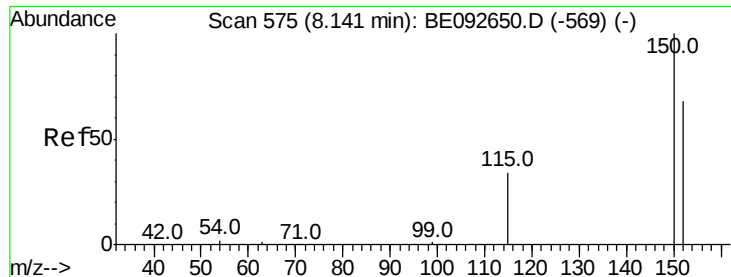
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. 0.00 min

Lab File: BE092651.D

Acq: 16 Jan 2017 14:31

Instrument :

BNA_E

ClientSampleId :

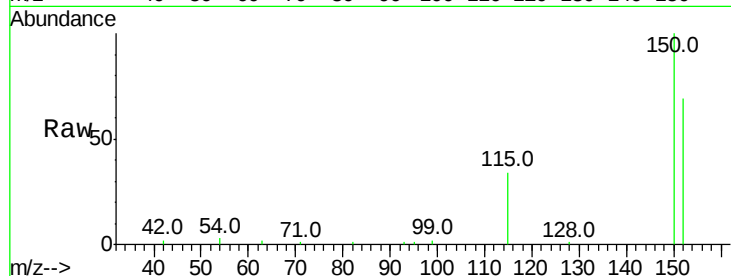
Tot Ion:152 Resp: 8502

Ion Ratio Lower Upper

152 100

150 144.8 106.0 159.0

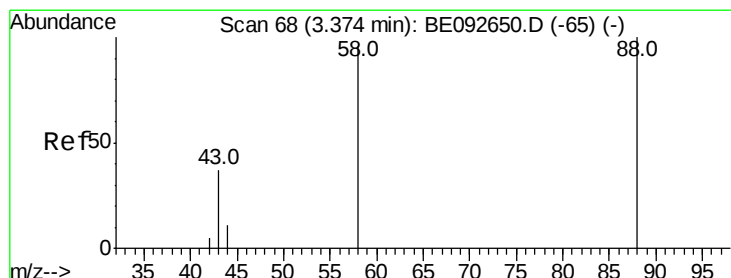
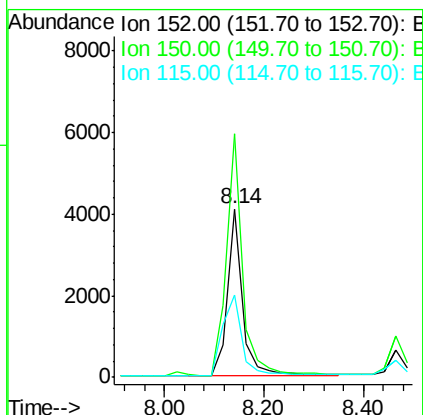
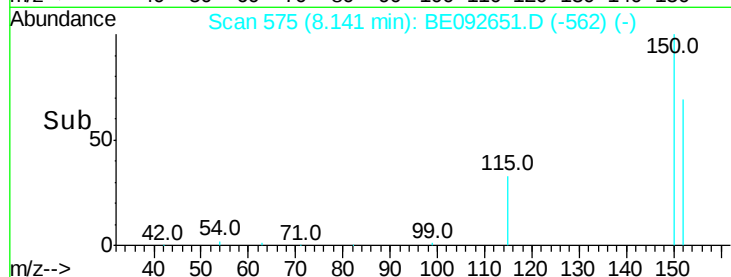
115 49.2 31.2 46.8#



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: 0.82 ng

RT: 3.38 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE092651.D

Acq: 16 Jan 2017 14:31

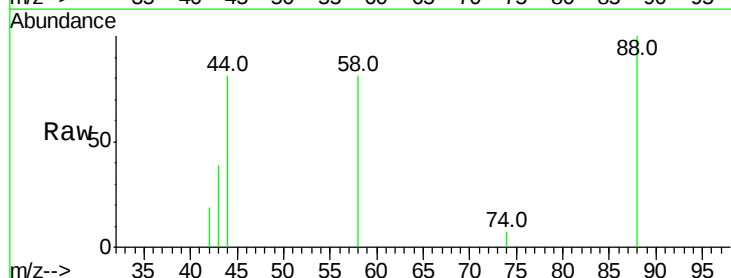
Tgt Ion: 88 Resp: 1019

Ion Ratio Lower Upper

88 100

58 83.5 63.6 95.4

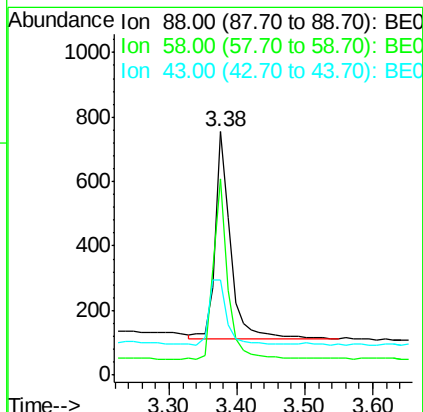
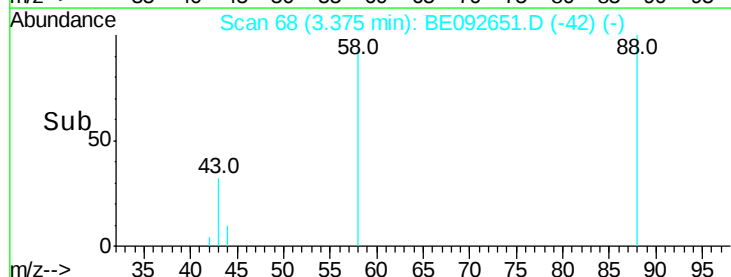
43 34.6 28.0 42.0

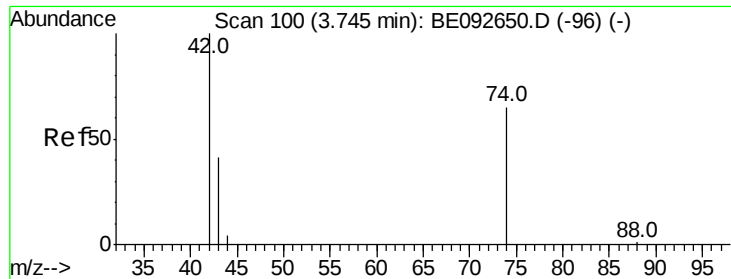


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



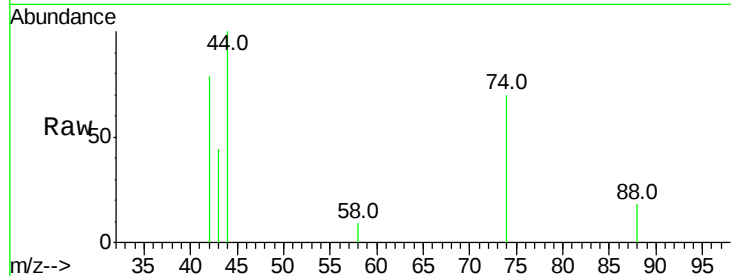


#3

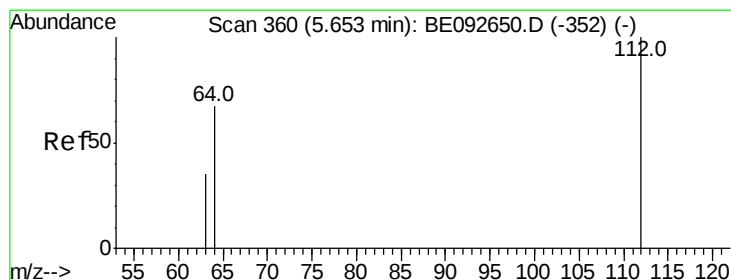
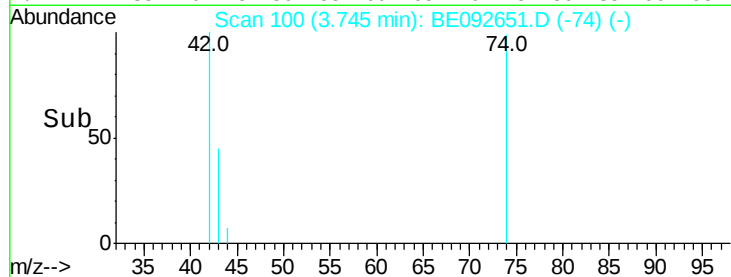
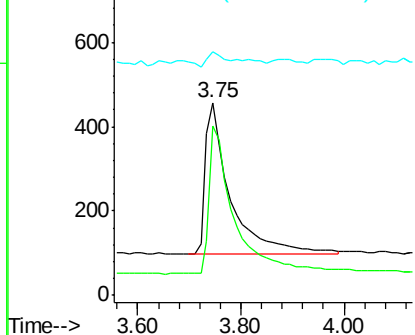
n-Nitrosodimethylamine
Concen: 1.18 ng
RT: 3.75 min Scan# 100
Delta R.T. 0.00 min
Lab File: BE092651.D
Acq: 16 Jan 2017 14:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 1225
Ion Ratio Lower Upper
42 100
74 97.5 86.0 129.0
44 6.5 5.1 7.7



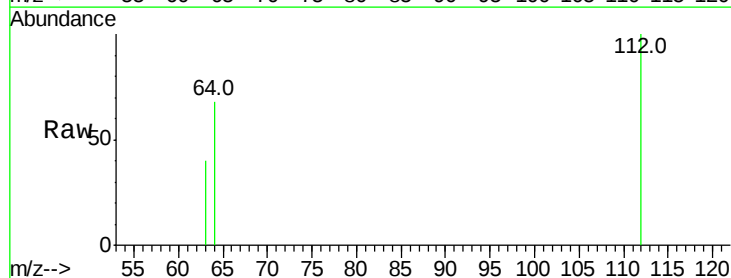
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



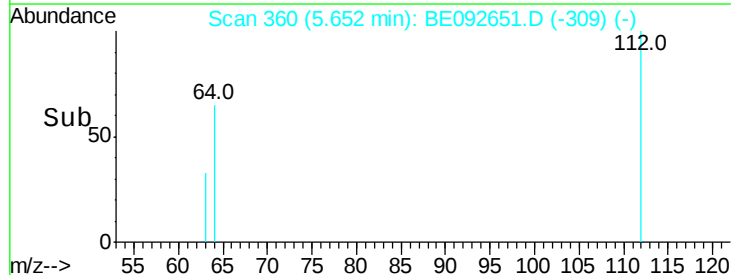
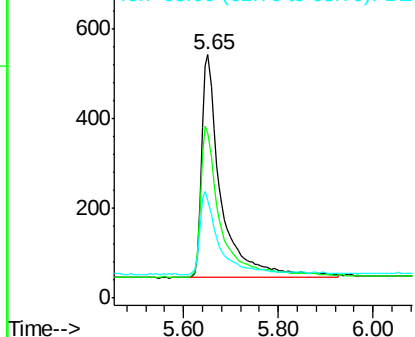
#4

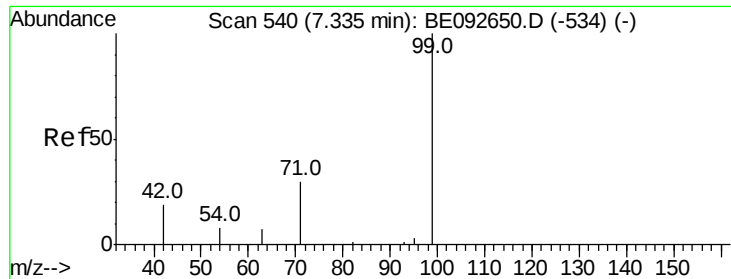
2-Fluorophenol
Concen: 1.10 ng
RT: 5.65 min Scan# 360
Delta R.T. -0.00 min
Lab File: BE092651.D
Acq: 16 Jan 2017 14:31

Tgt Ion: 112 Resp: 1422
Ion Ratio Lower Upper
112 100
64 67.8 53.5 80.3
63 36.7 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: 0.96 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092651.D

Acq: 16 Jan 2017 14:31

Instrument :

BNA_E

ClientSampleId :

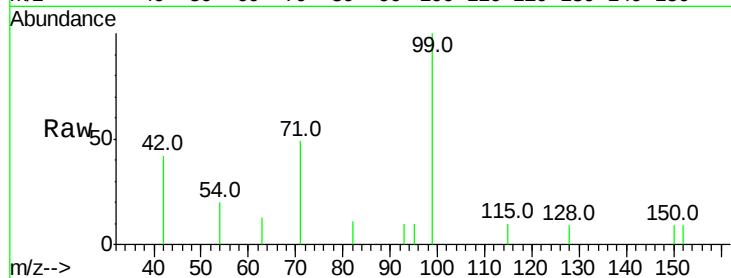
Tot Ion: 99 Resp: 1788

Ion Ratio Lower Upper

99 100

42 25.3 16.0 24.0#

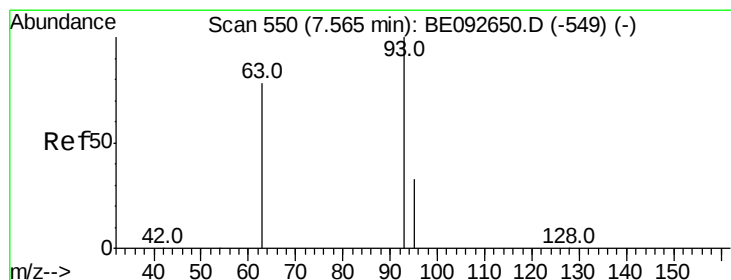
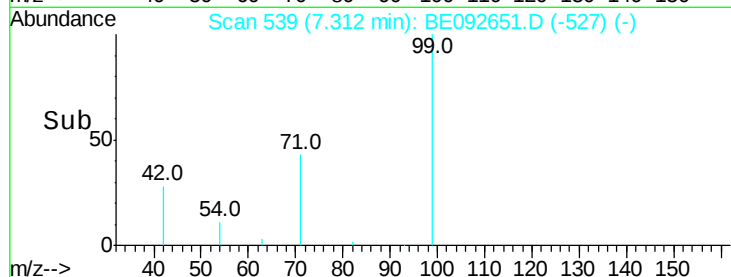
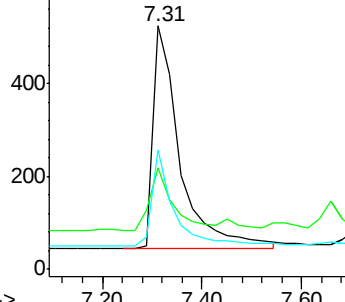
71 36.8 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.99 ng

RT: 7.57 min Scan# 550

Delta R.T. 0.00 min

Lab File: BE092651.D

Acq: 16 Jan 2017 14:31

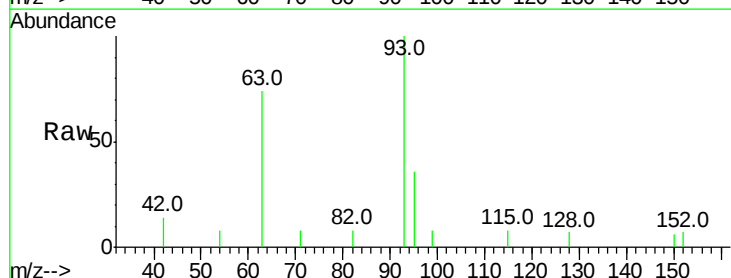
Tgt Ion: 93 Resp: 1914

Ion Ratio Lower Upper

93 100

63 74.6 71.6 107.4

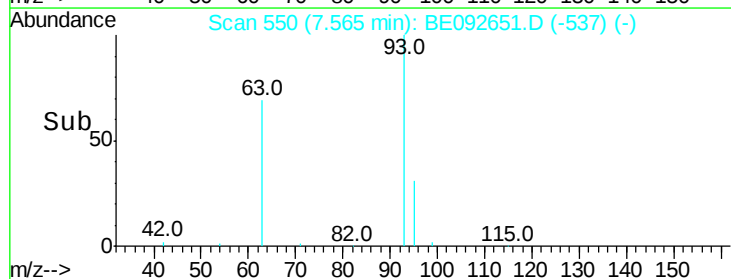
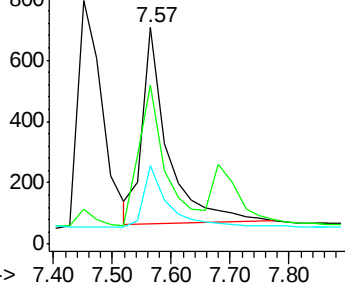
95 31.0 24.0 36.0

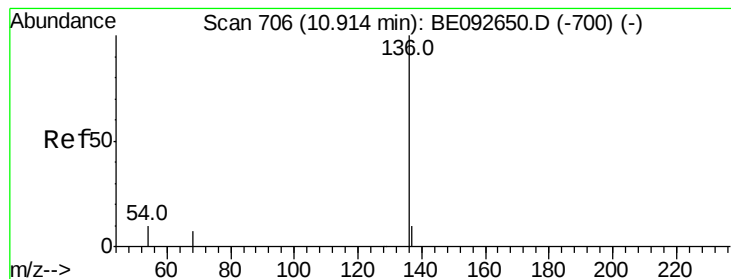


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.91 min Scan# 706

Delta R.T. 0.00 min

Lab File: BE092651.D

Acq: 16 Jan 2017 14:31

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 39278

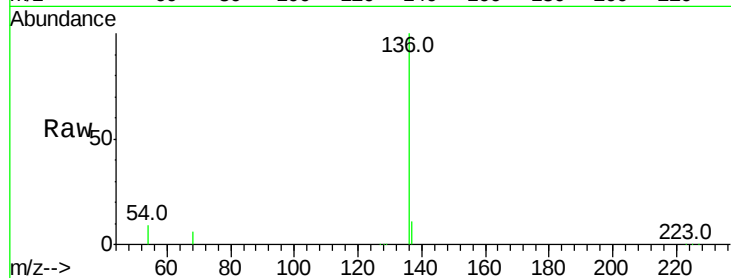
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.4

54 9.1 9.6 14.4#

68 6.5 6.7 10.1#

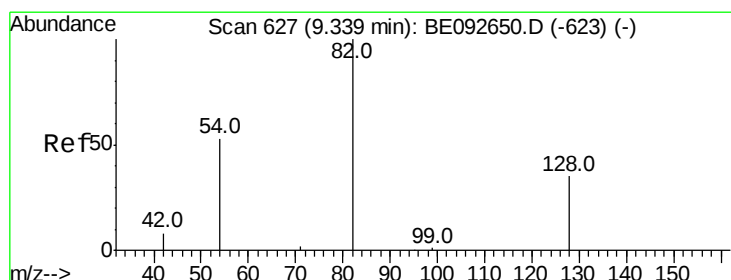
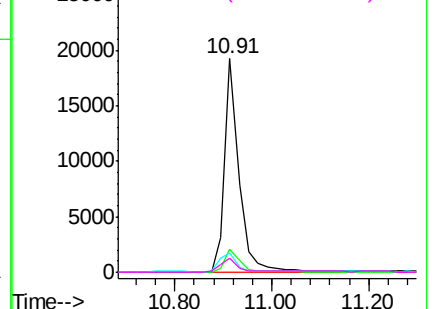
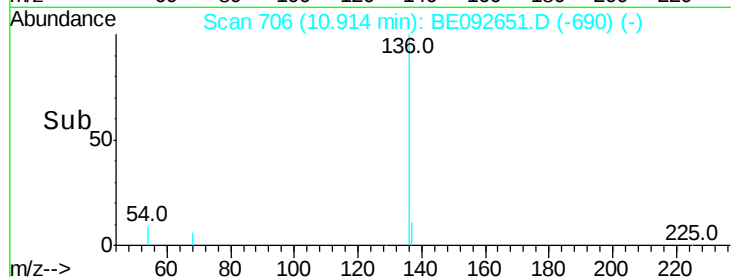


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.89 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.02 min

Lab File: BE092651.D

Acq: 16 Jan 2017 14:31

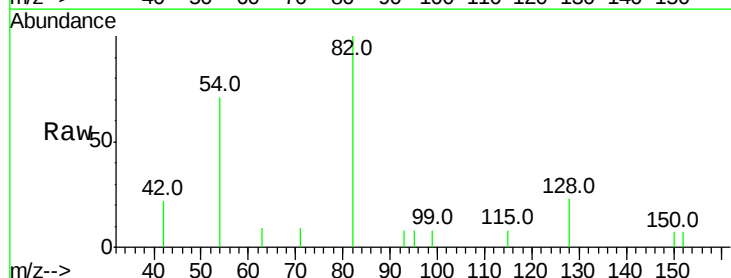
Tgt Ion: 82 Resp: 1961

Ion Ratio Lower Upper

82 100

128 23.5 39.0 58.4#

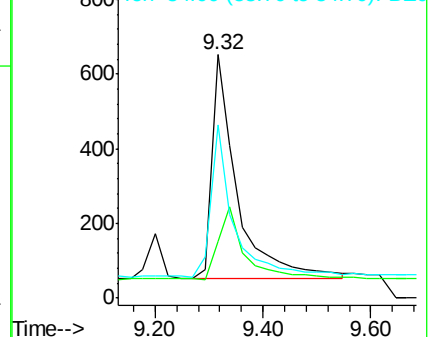
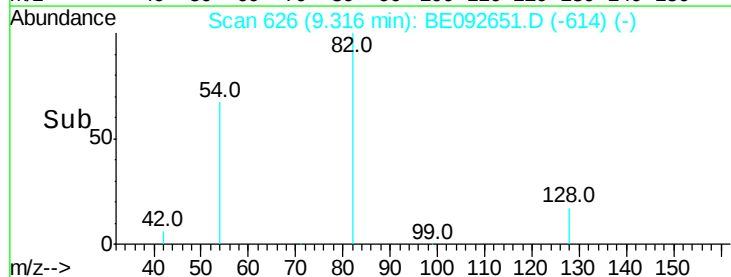
54 71.2 44.8 67.2#



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: 0.80 ng

RT: 10.97 min Scan# 709

Delta R.T. 0.00 min

Lab File: BE092651.D

Acq: 16 Jan 2017 14:31

Instrument :

BNA_E

ClientSampleId :

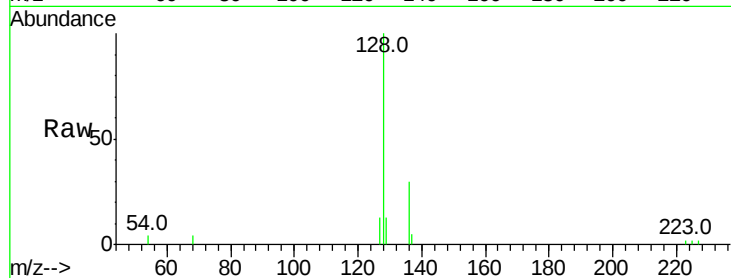
Tot Ion:128 Resp: 6449

Ion Ratio Lower Upper

128 100

129 13.3 11.2 16.8

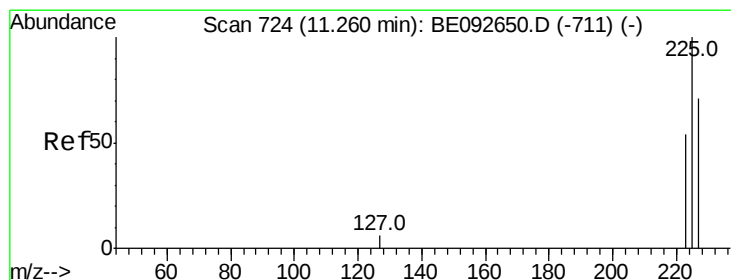
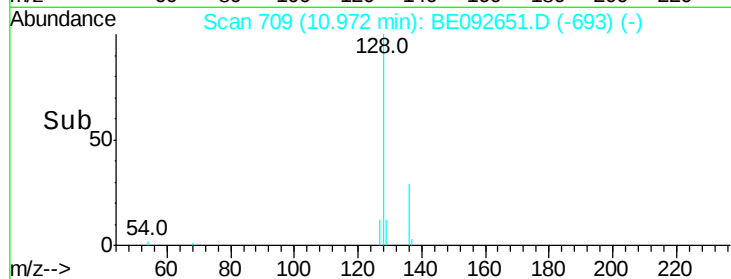
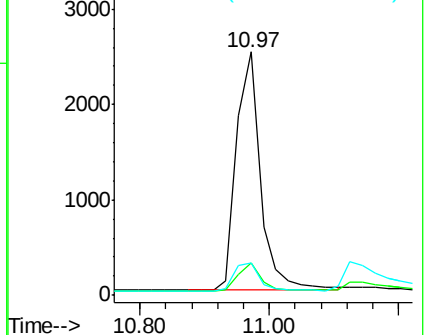
127 13.4 11.6 17.4



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: 0.81 ng

RT: 11.24 min Scan# 723

Delta R.T. -0.02 min

Lab File: BE092651.D

Acq: 16 Jan 2017 14:31

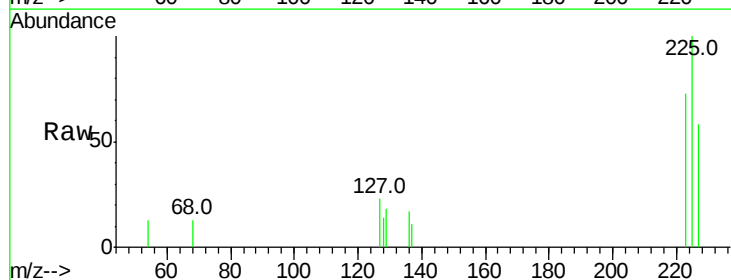
Tgt Ion:225 Resp: 987

Ion Ratio Lower Upper

225 100

223 63.6 50.6 76.0

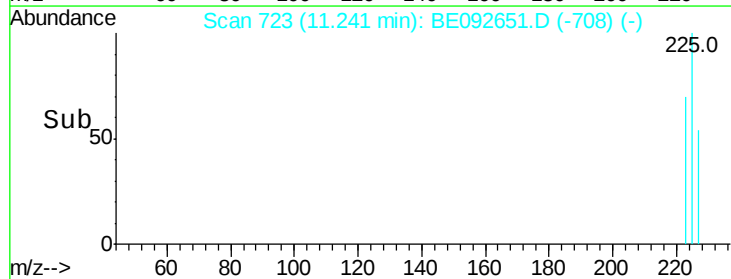
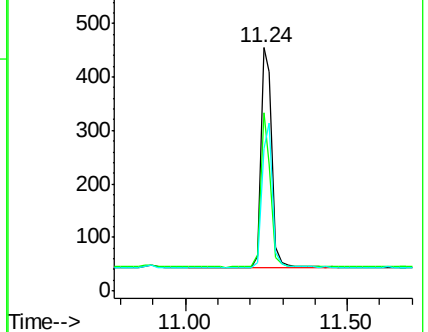
227 63.5 51.4 77.0



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: 0.77 ng

RT: 12.60 min Scan# 812

Delta R.T. -0.01 min

Lab File: BE092651.D

Acq: 16 Jan 2017 14:31

Instrument :

BNA_E

ClientSampled :

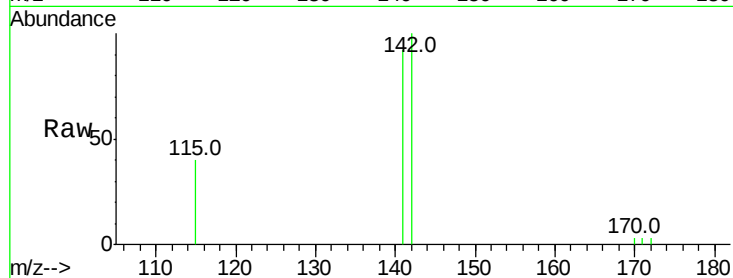
Tot Ion:142 Resp: 3958

Ion Ratio Lower Upper

142 100

141 91.8 73.7 110.5

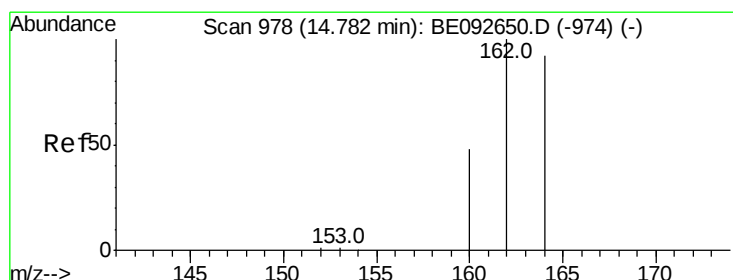
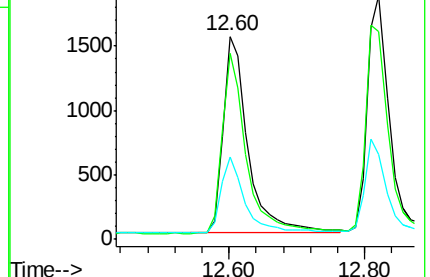
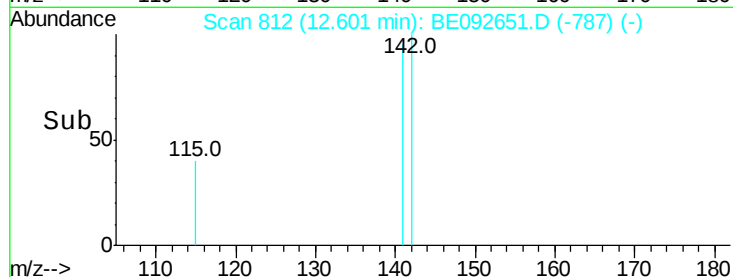
115 40.2 34.0 51.0



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: BE092651.D

Acq: 16 Jan 2017 14:31

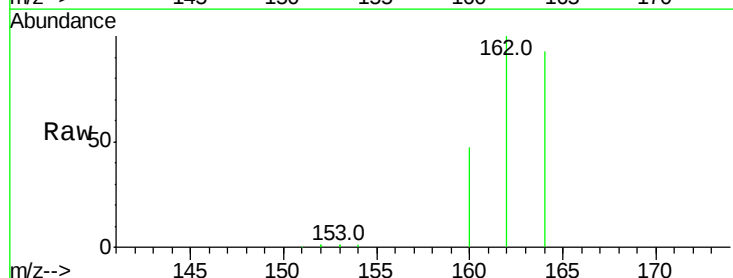
Tgt Ion:164 Resp: 25768

Ion Ratio Lower Upper

164 100

162 107.6 71.4 107.0#

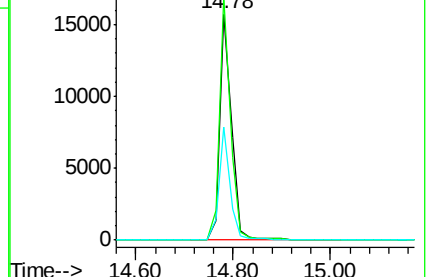
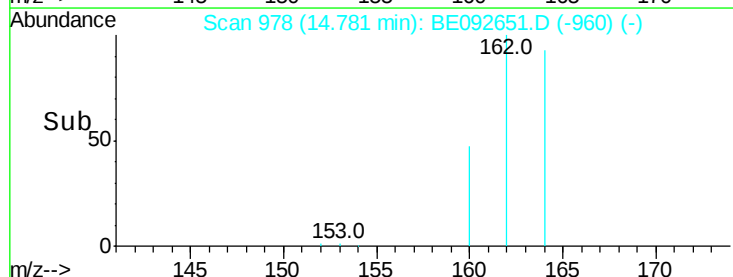
160 50.2 27.4 41.2#

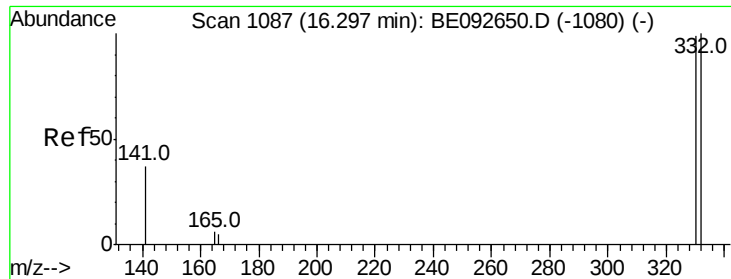


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

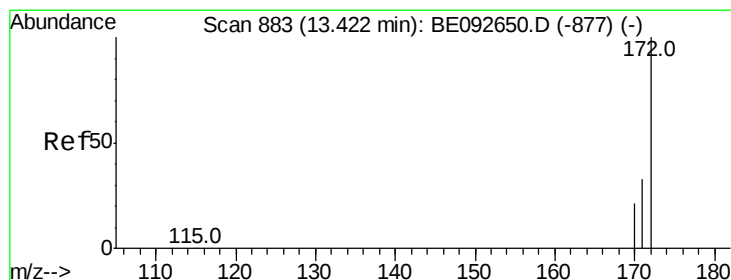
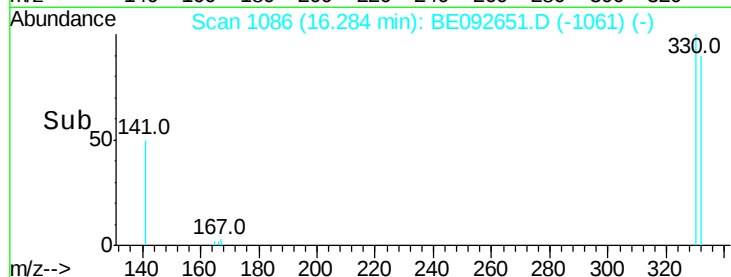
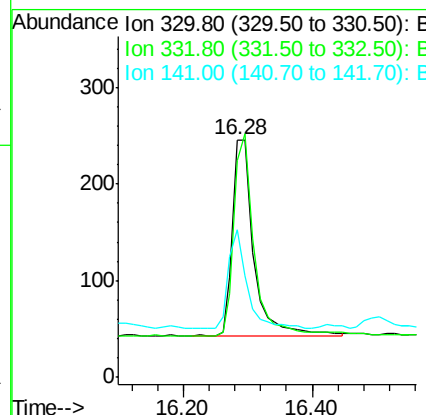
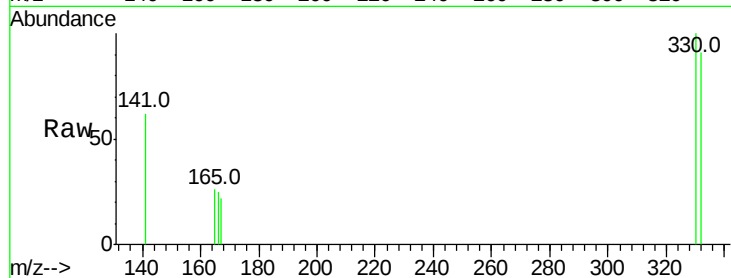




#13
 2,4,6-Tribromophenol
 Concen: 0.80 ng
 RT: 16.28 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BE092651.D
 Acq: 16 Jan 2017 14:31

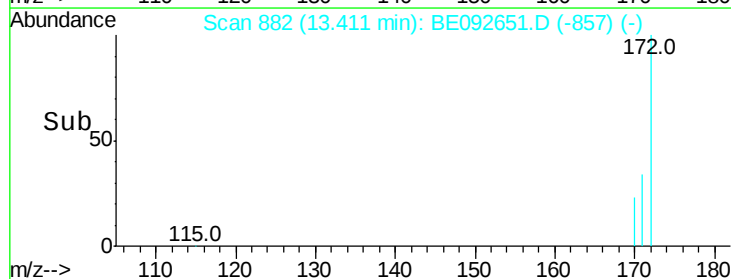
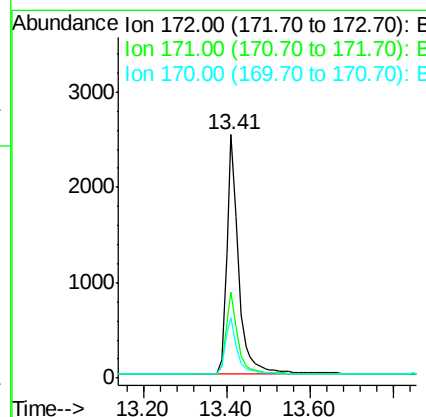
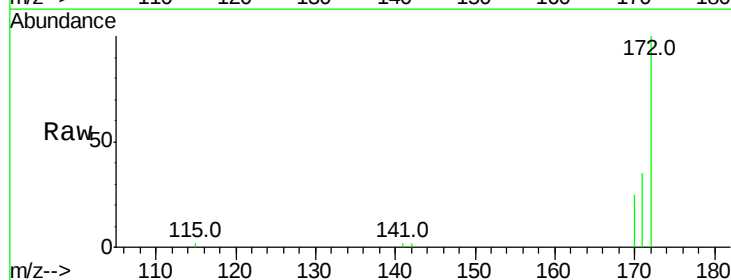
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 464
 Ion Ratio Lower Upper
 330 100
 332 98.3 75.4 113.0
 141 45.3 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.81 ng
 RT: 13.41 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BE092651.D
 Acq: 16 Jan 2017 14:31

Tgt Ion:172 Resp: 4994
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.1 45.1
 170 24.7 21.8 32.6

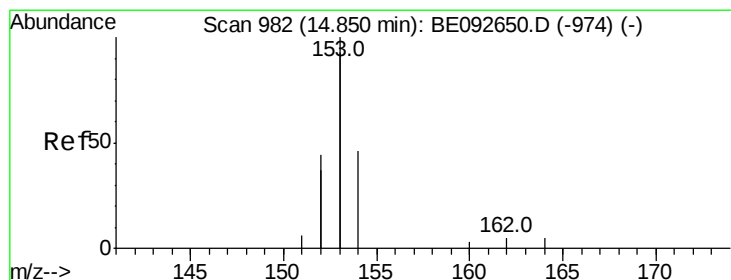
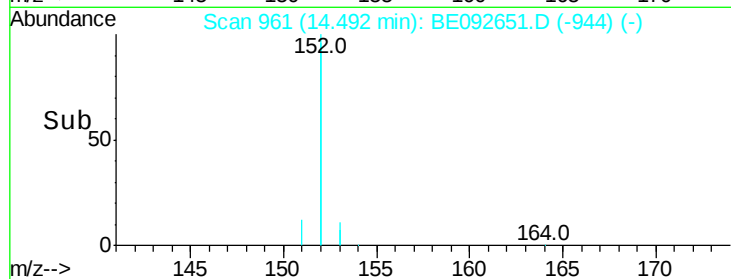
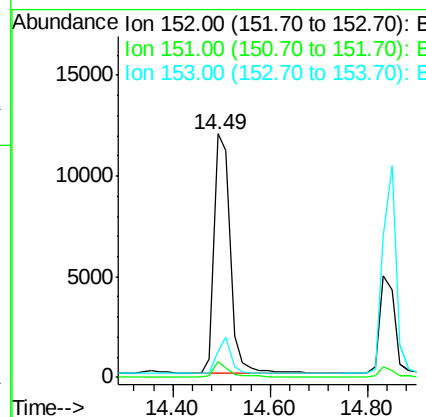
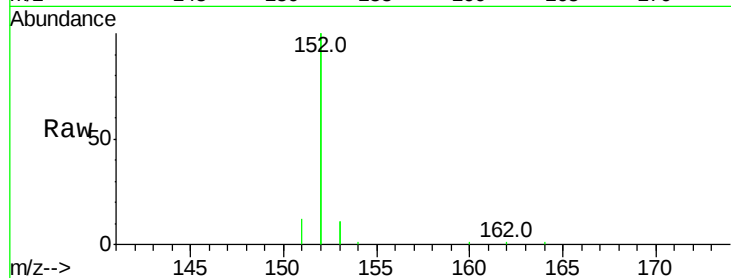




#15
Acenaphthylene
Concen: 0.77 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092651.D
Acq: 16 Jan 2017 14:31

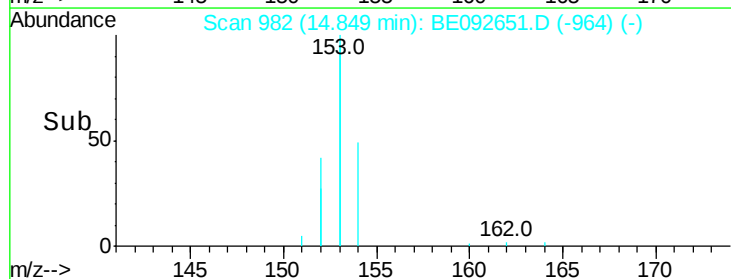
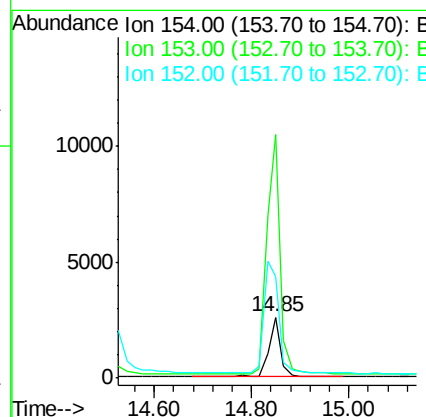
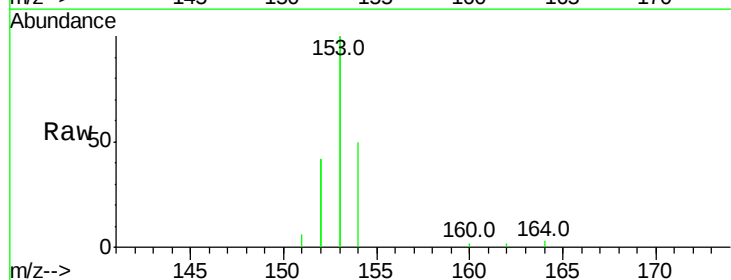
Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 27445
Ion Ratio Lower Upper
152 100
151 5.0 3.9 5.9
153 13.1 10.4 15.6



#16
Acenaphthene
Concen: 0.76 ng
RT: 14.85 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE092651.D
Acq: 16 Jan 2017 14:31

Tgt Ion:154 Resp: 4432
Ion Ratio Lower Upper
154 100
153 447.1 350.8 526.2
152 231.6 171.1 256.7

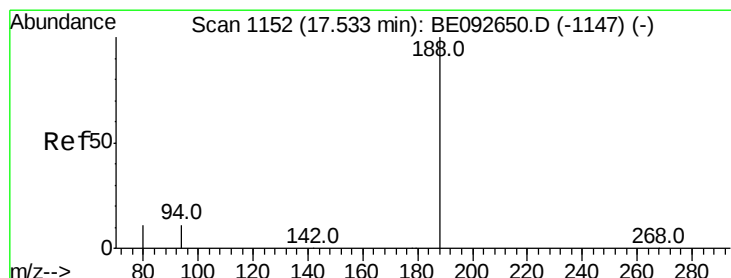
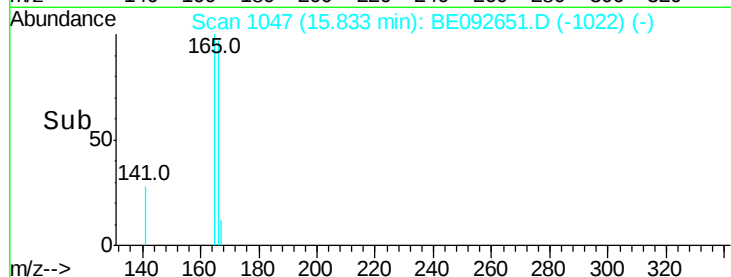
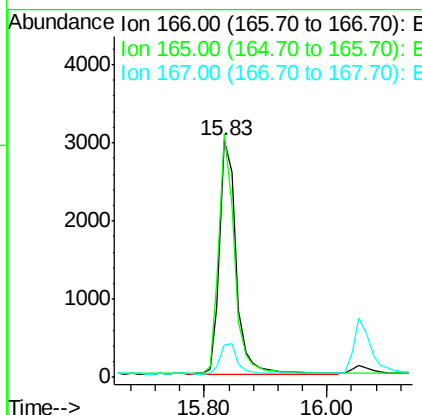
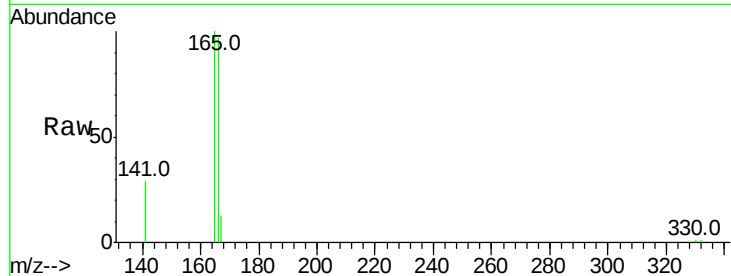




#17
Fluorene
 Concen: 0.77 ng
 RT: 15.83 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BE092651.D
 Acq: 16 Jan 2017 14:31

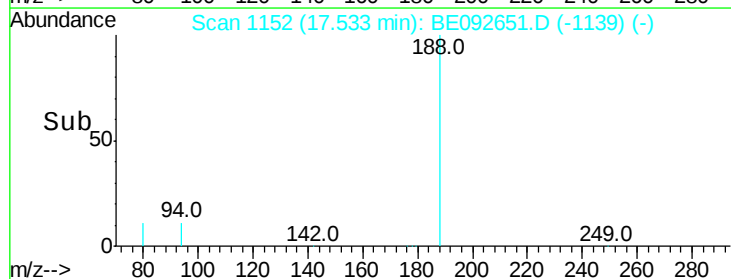
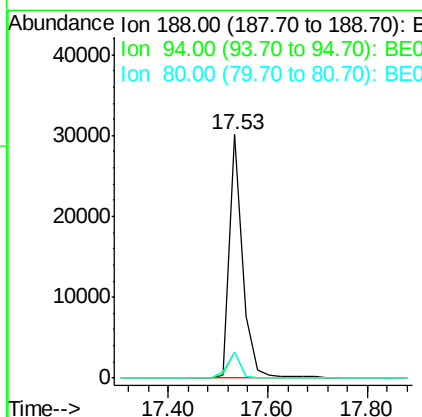
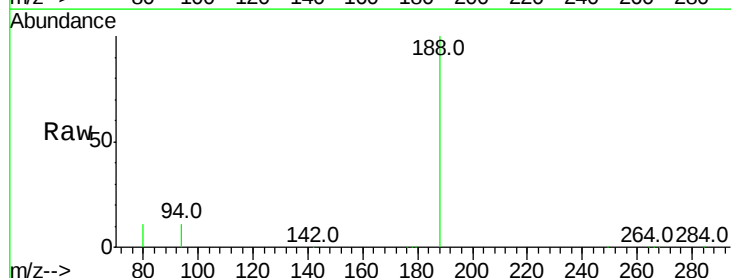
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:166 Resp: 5548
 Ion Ratio Lower Upper
 166 100
 165 97.5 78.2 117.4
 167 13.5 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: BE092651.D
 Acq: 16 Jan 2017 14:31

Tgt Ion:188 Resp: 55274
 Ion Ratio Lower Upper
 188 100
 94 10.9 3.2 4.8#
 80 10.7 2.6 3.8#

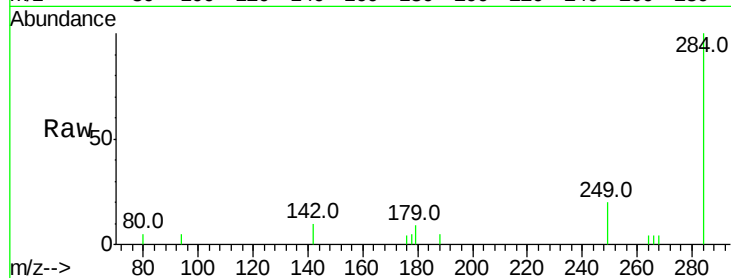




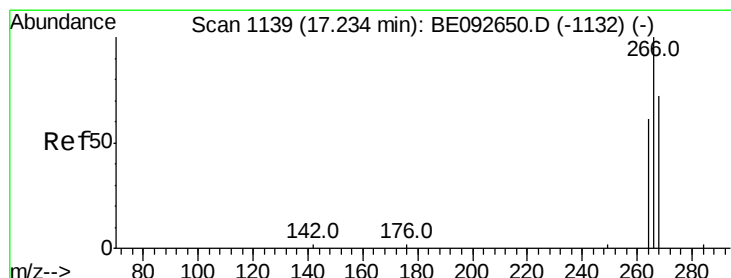
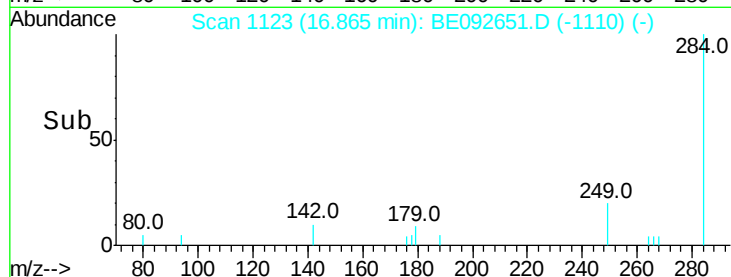
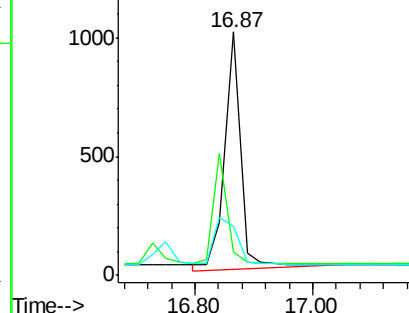
#19
Hexachlorobenzene
Concen: 0.81 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092651.D
Acq: 16 Jan 2017 14:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 1902
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 0.0 27.9 41.9#

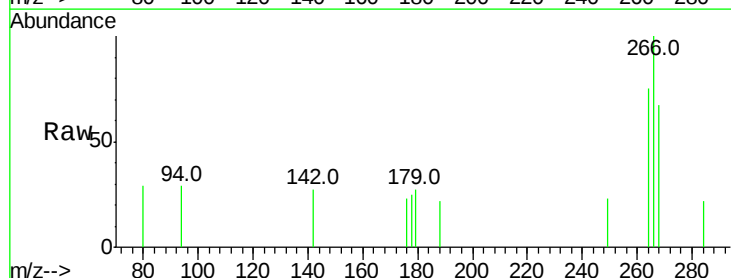


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

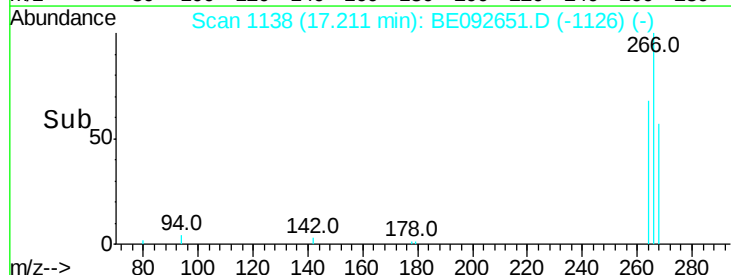
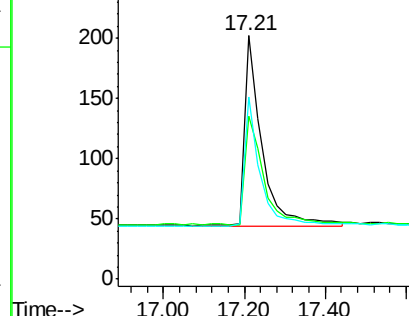


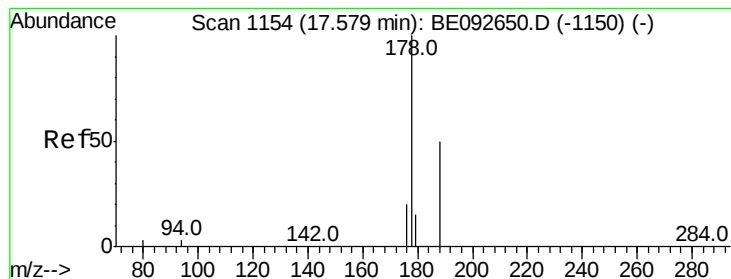
#20
Pentachlorophenol
Concen: 1.18 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092651.D
Acq: 16 Jan 2017 14:31

Tgt Ion:266 Resp: 475
Ion Ratio Lower Upper
266 100
268 66.8 62.5 93.7
264 74.8 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: 0.73 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092651.D

Acq: 16 Jan 2017 14:31

Instrument :

BNA_E

ClientSampleId :

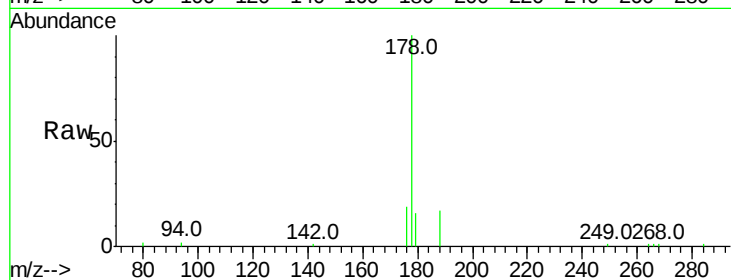
Tot Ion:178 Resp: 10212

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

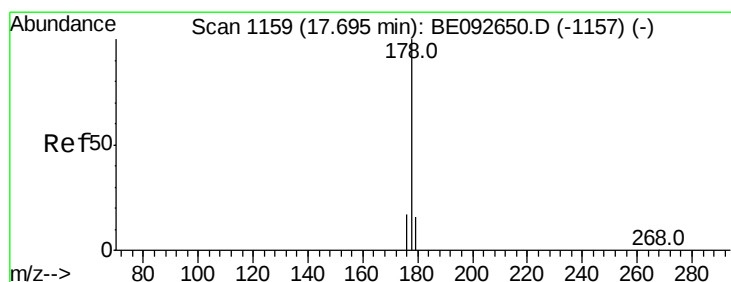
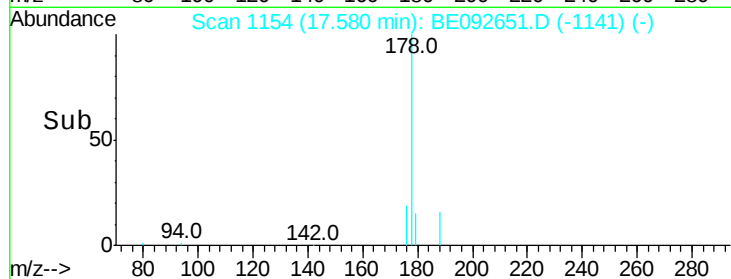
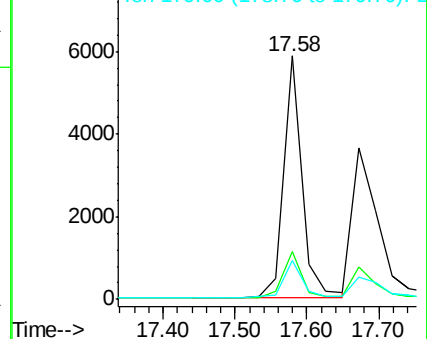
179 15.7 16.0 24.0#



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: 0.72 ng

RT: 17.67 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE092651.D

Acq: 16 Jan 2017 14:31

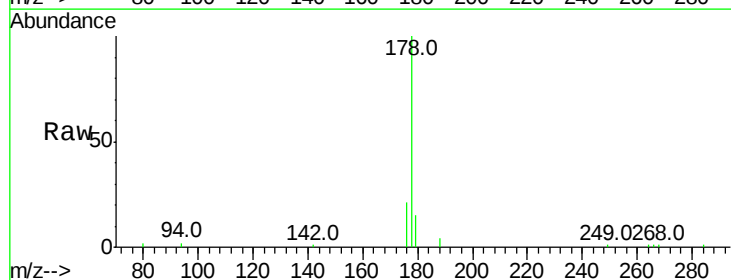
Tgt Ion:178 Resp: 9146

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

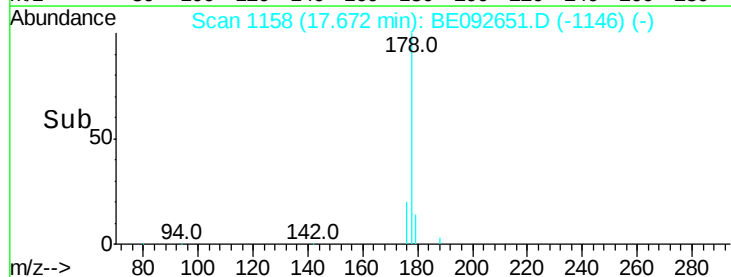
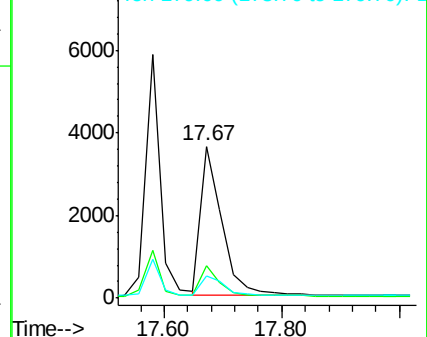
179 15.5 12.2 18.2

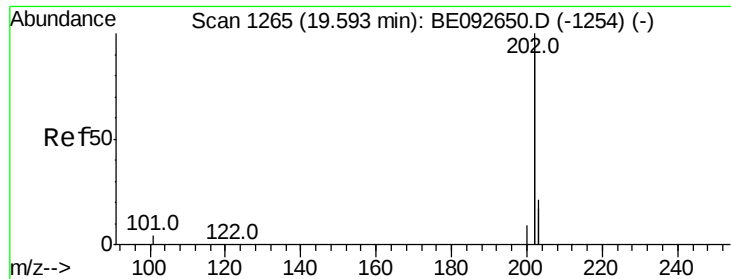


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

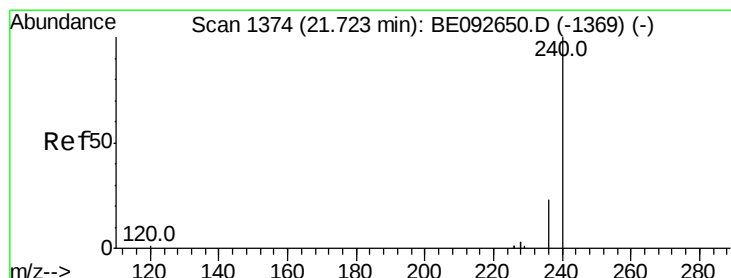
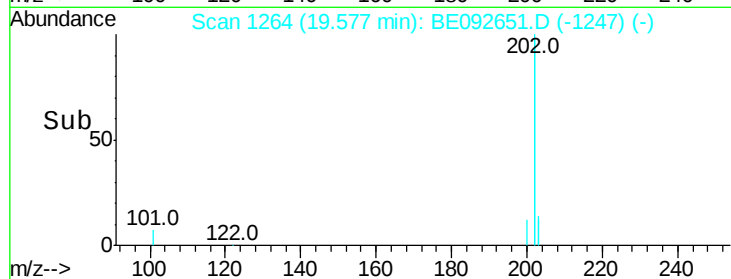
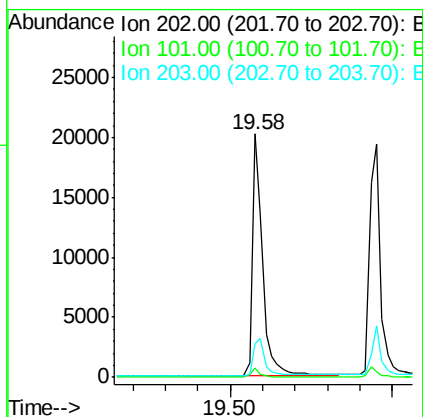
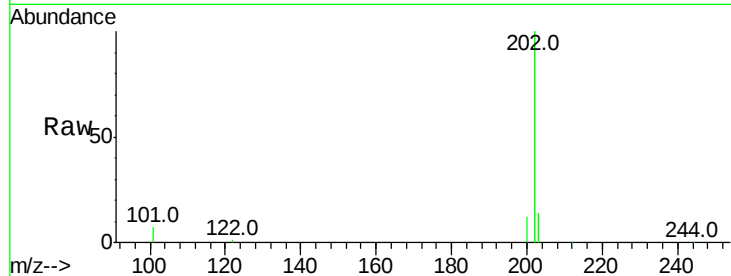




#23
 Fluoranthene
 Concen: 0.72 ng
 RT: 19.58 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BE092651.D
 Acq: 16 Jan 2017 14:31

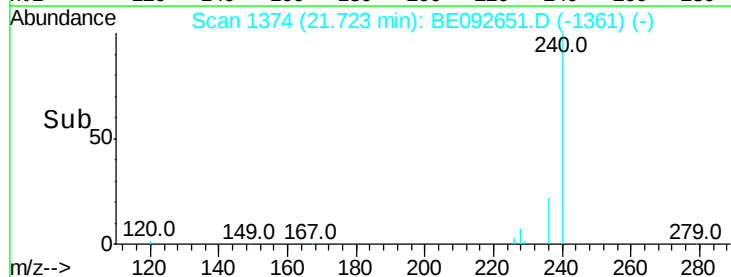
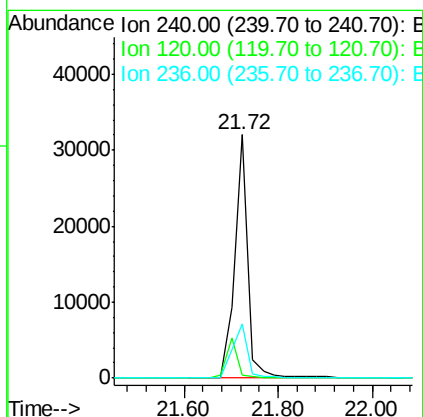
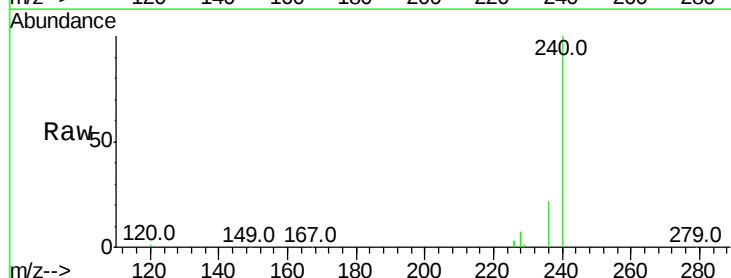
Instrument :
 BNA_E
 ClientSampleId :

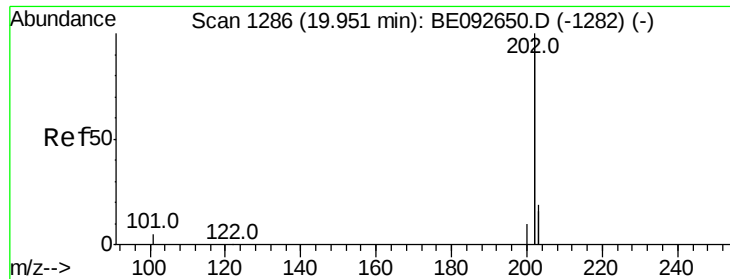
Tot Ion:202 Resp: 43232
 Ion Ratio Lower Upper
 202 100
 101 2.9 2.2 3.4
 203 17.5 13.7 20.5



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.72 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BE092651.D
 Acq: 16 Jan 2017 14:31

Tgt Ion:240 Resp: 62009
 Ion Ratio Lower Upper
 240 100
 120 1.4 2.6 4.0#
 236 22.1 24.6 37.0#

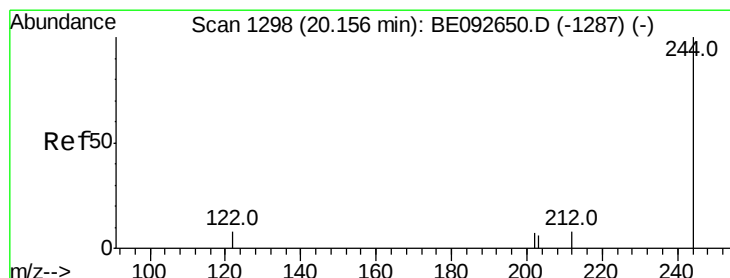
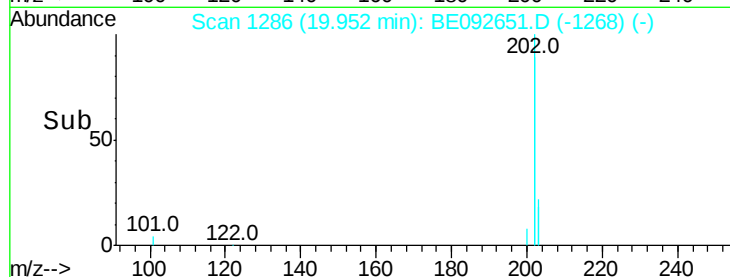
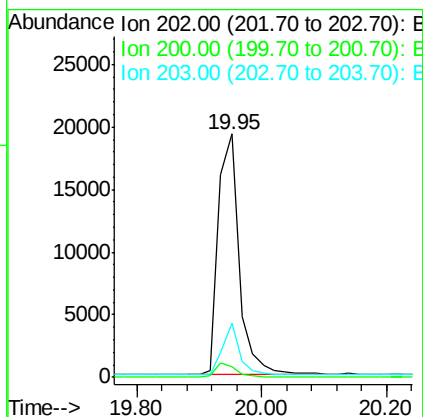
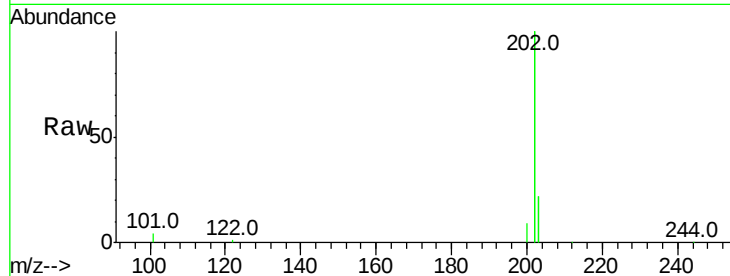




#25
Pvrene
Concen: 0.82 ng
RT: 19.95 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE092651.D
Acq: 16 Jan 2017 14:31

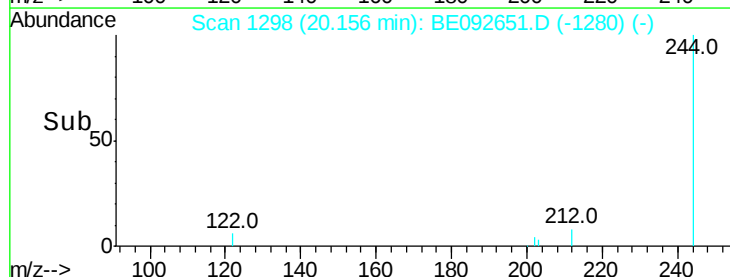
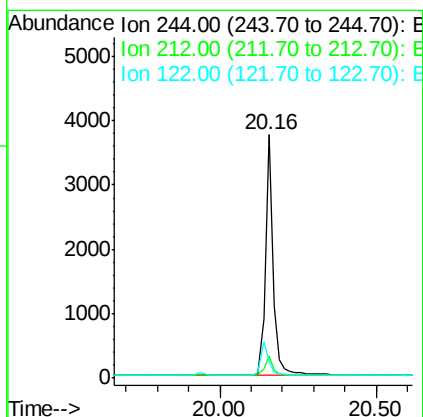
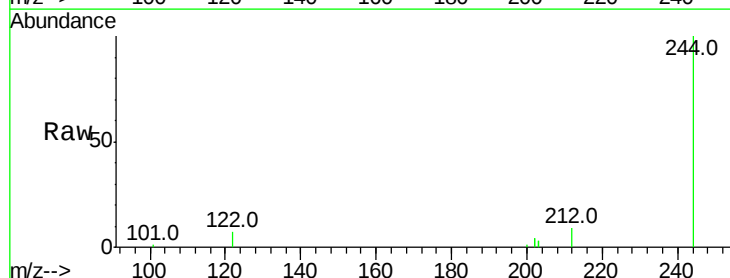
Instrument :
BNA_E
ClientSampleId :

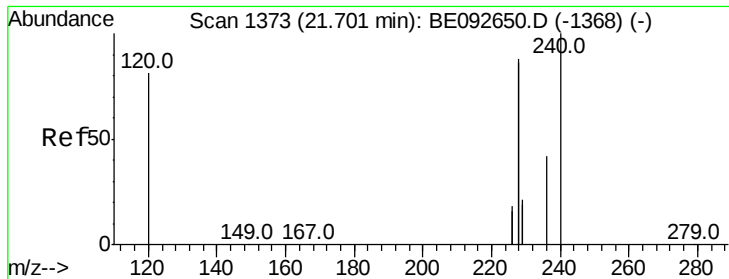
Tot Ion:202 Resp: 44563
Ion Ratio Lower Upper
202 100
200 5.4 4.2 6.4
203 17.5 13.9 20.9



#26
Terphenyl-d14
Concen: 0.85 ng
RT: 20.16 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BE092651.D
Acq: 16 Jan 2017 14:31

Tgt Ion:244 Resp: 6459
Ion Ratio Lower Upper
244 100
212 9.1 6.7 10.1
122 7.0 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.82 ng

RT: 21.70 min Scan# 1373

Delta R.T. 0.00 min

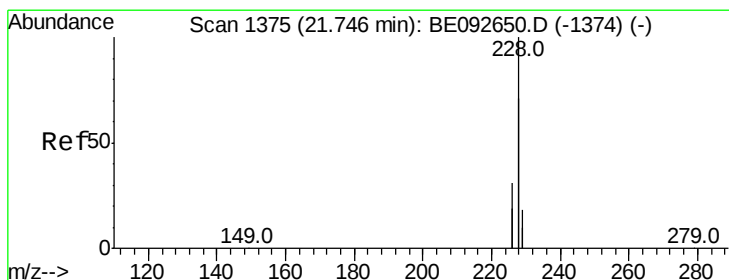
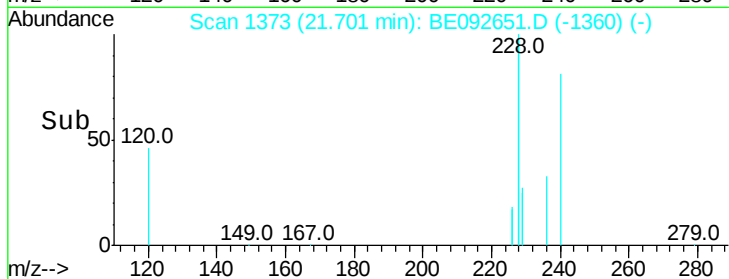
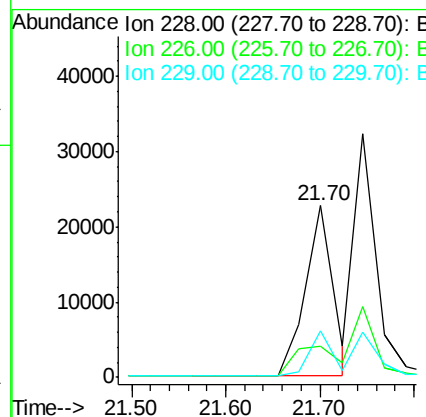
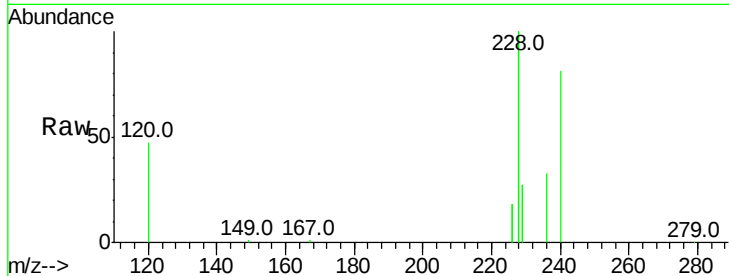
Lab File: BE092651.D

Acq: 16 Jan 2017 14:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:228 Resp: 45529

Ion	Ratio	Lower	Upper
228	100		
226	18.4	23.6	35.4#
229	26.8	13.3	19.9#



#28

Chrysene

Concen: 0.71 ng

RT: 21.70 min Scan# 1373

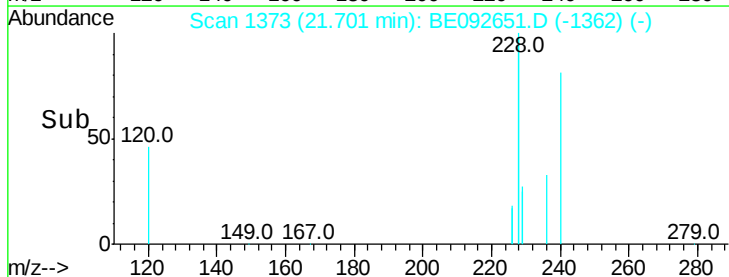
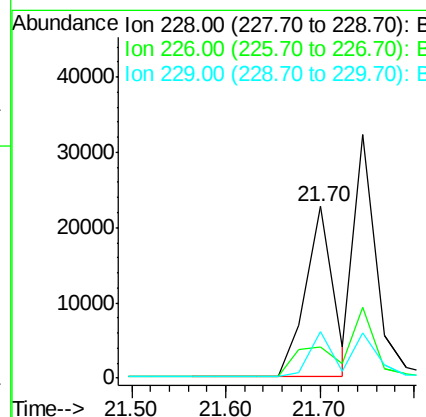
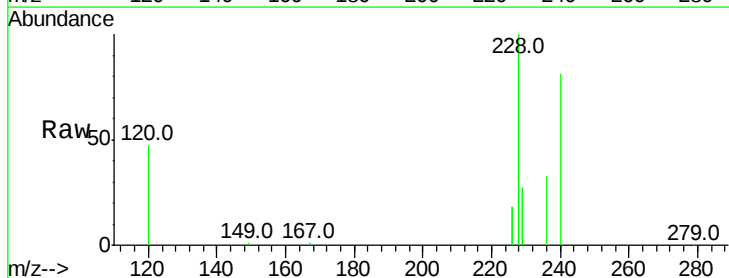
Delta R.T. -0.05 min

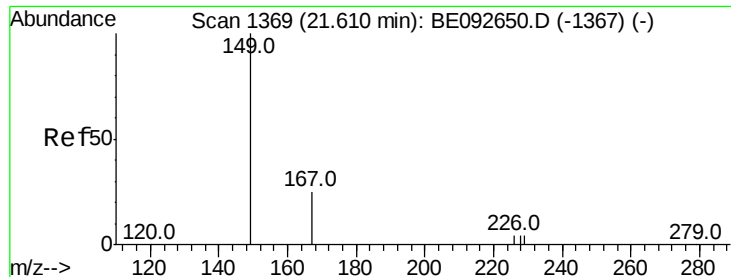
Lab File: BE092651.D

Acq: 16 Jan 2017 14:31

Tgt Ion:228 Resp: 45529

Ion	Ratio	Lower	Upper
228	100		
226	18.4	36.3	54.5#
229	26.8	10.6	16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 1.16 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092651.D

Acq: 16 Jan 2017 14:31

Instrument :

BNA_E

ClientSampleId :

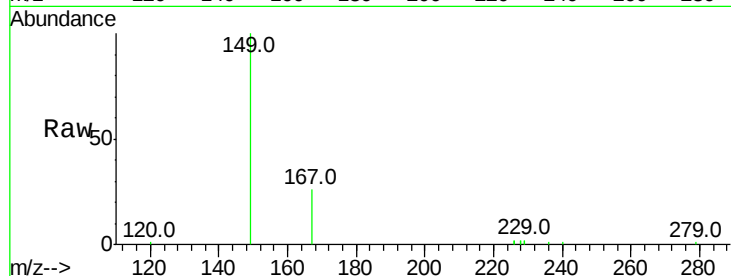
Tot Ion:149 Resp: 7015

Ion	Ratio	Lower	Upper
149	100		
167	24.3	16.0	24.0#
279	0.0	16.0	24.0#

149 100

167 24.3 16.0 24.0#

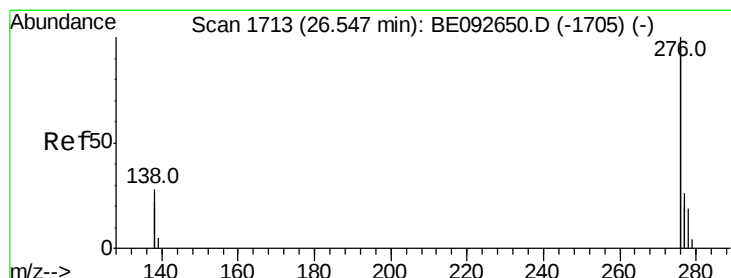
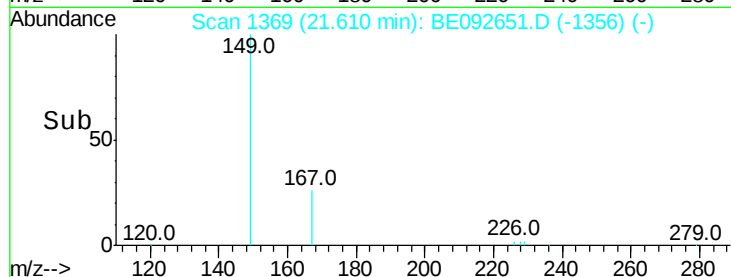
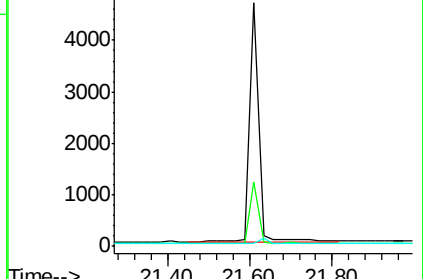
279 0.0 16.0 24.0#



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: 1.01 ng

RT: 26.55 min Scan# 1713

Delta R.T. 0.00 min

Lab File: BE092651.D

Acq: 16 Jan 2017 14:31

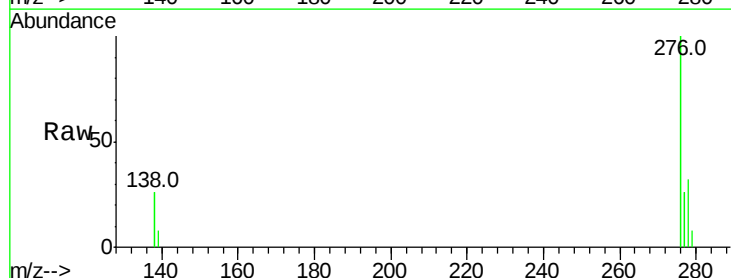
Tgt Ion:276 Resp: 58630

Ion	Ratio	Lower	Upper
276	100		
138	27.3	20.3	30.5
277	24.4	19.7	29.5

276 100

138 27.3 20.3 30.5

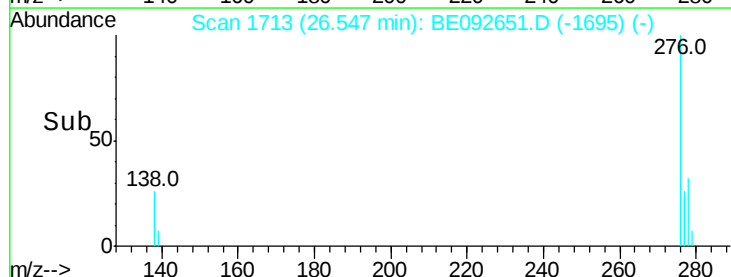
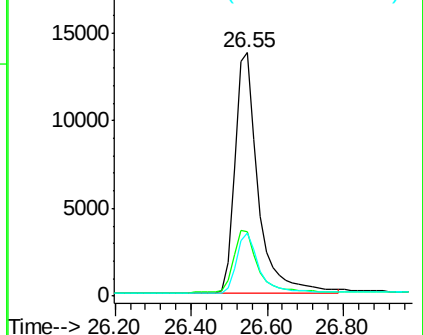
277 24.4 19.7 29.5

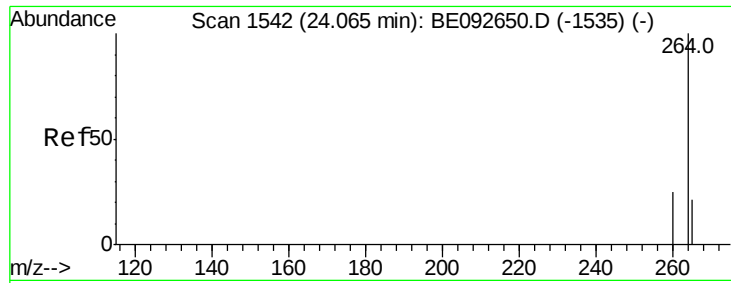


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



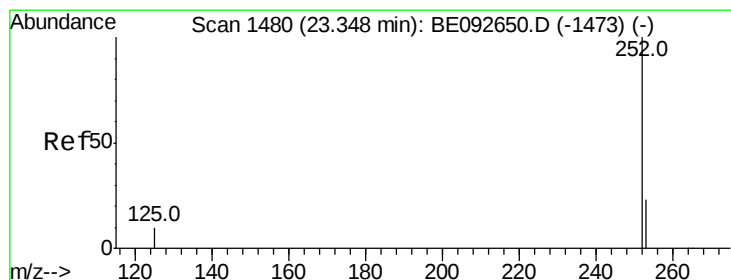
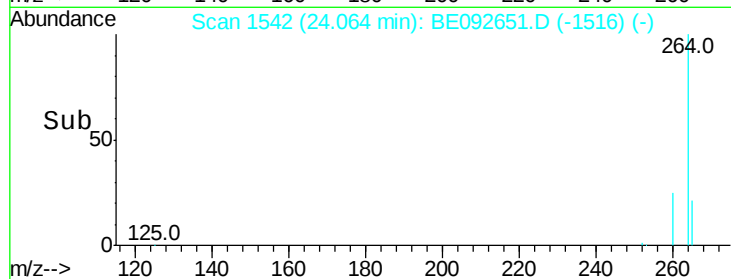
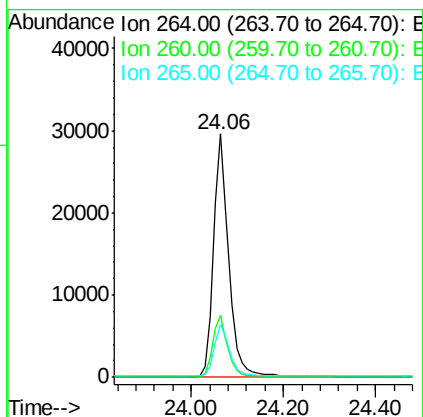
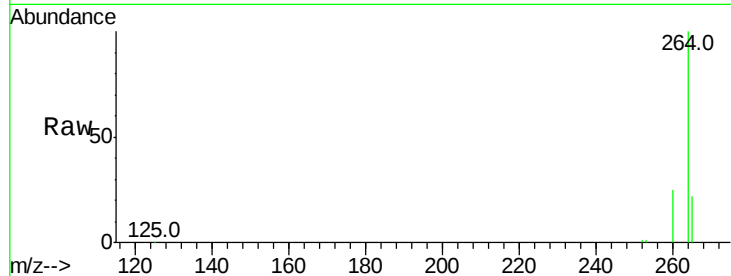


#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE092651.D
Acq: 16 Jan 2017 14:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 68018

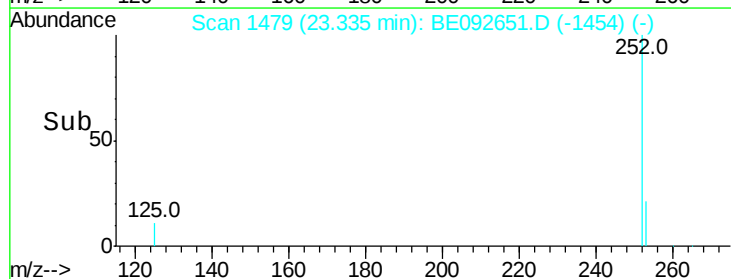
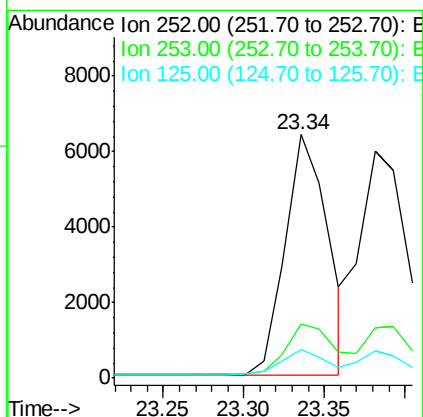
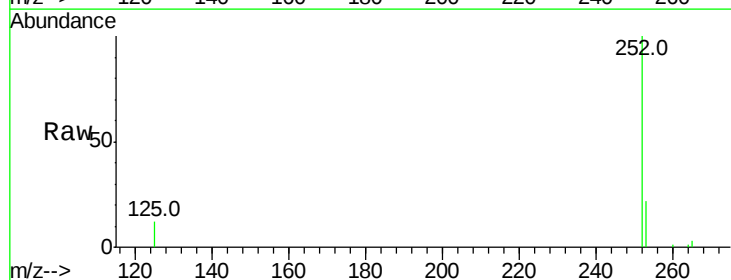
Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.1	30.1
265	21.6	17.9	26.9

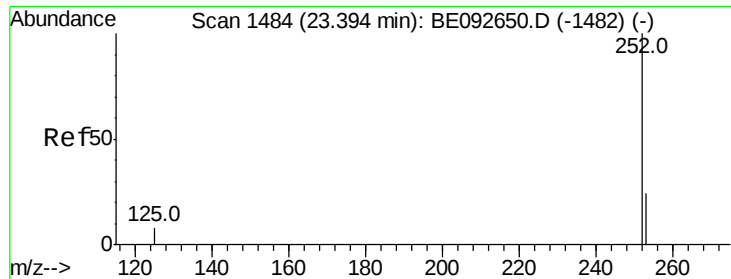


#32
Benzo(b)fluoranthene
Concen: 0.76 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092651.D
Acq: 16 Jan 2017 14:31

Tgt Ion:252 Resp: 11912

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.7	28.1
125	11.6	10.5	15.7





#33

Benzo(k)fluoranthene

Concen: 0.79 ng

RT: 23.38 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE092651.D

Acq: 16 Jan 2017 14:31

Instrument :

BNA_E

ClientSampleId :

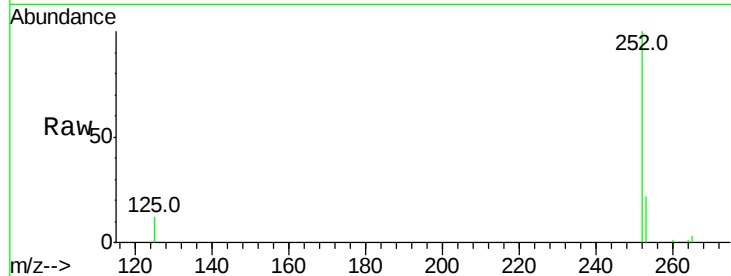
Tot Ion:252 Resp: 13828

Ion Ratio Lower Upper

252 100

253 22.0 20.3 30.5

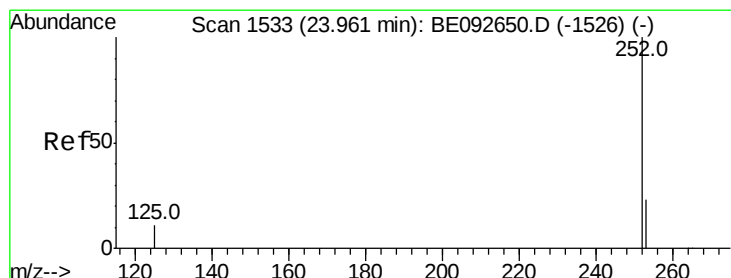
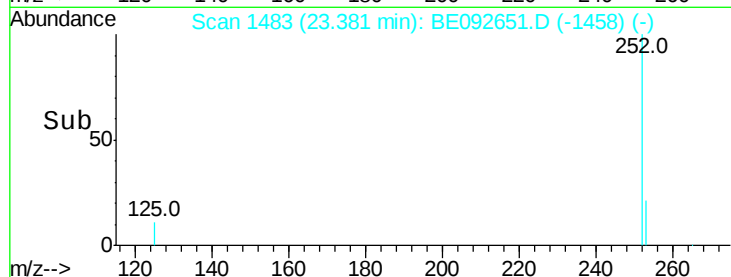
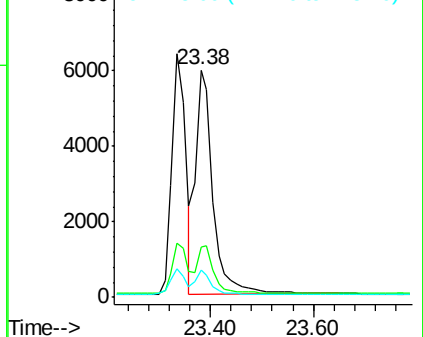
125 11.9 9.6 14.4



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: 0.77 ng

RT: 23.96 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BE092651.D

Acq: 16 Jan 2017 14:31

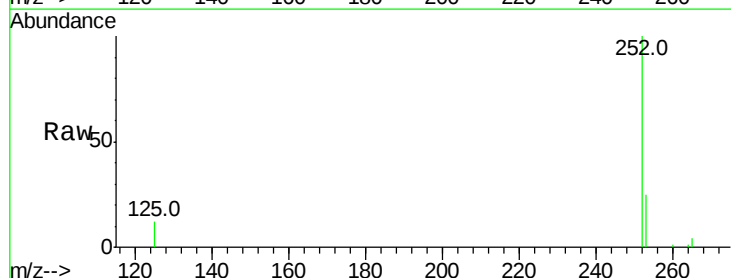
Tgt Ion:252 Resp: 11684

Ion Ratio Lower Upper

252 100

253 24.6 19.0 28.6

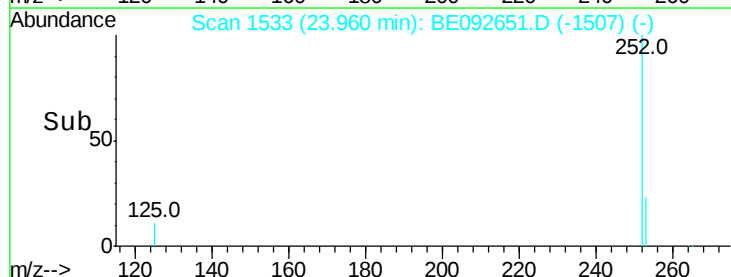
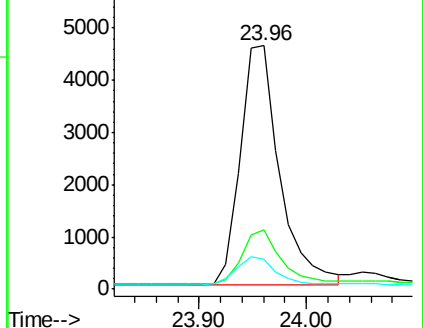
125 12.1 11.8 17.8

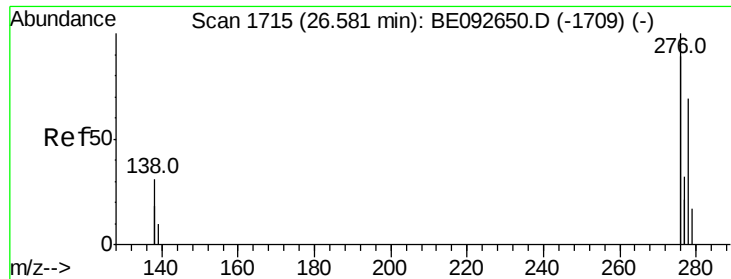


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.83 ng

RT: 26.56 min Scan# 1714

Delta R.T. -0.02 min

Lab File: BE092651.D

Acq: 16 Jan 2017 14:31

Instrument :

BNA_E

ClientSampleId :

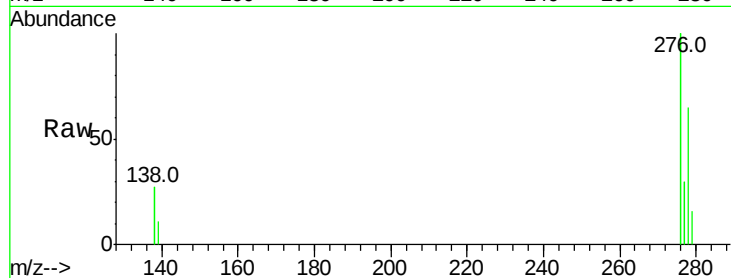
Tot Ion:278 Resp: 11871

Ion Ratio Lower Upper

278 100

139 17.3 13.8 20.8

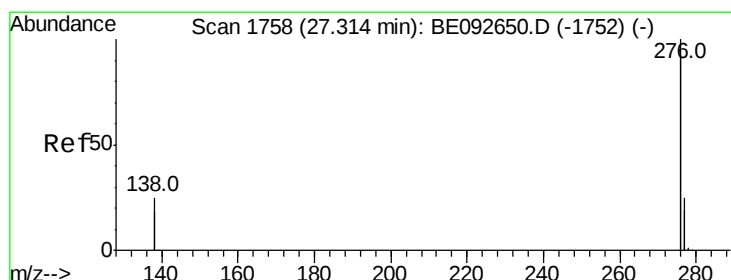
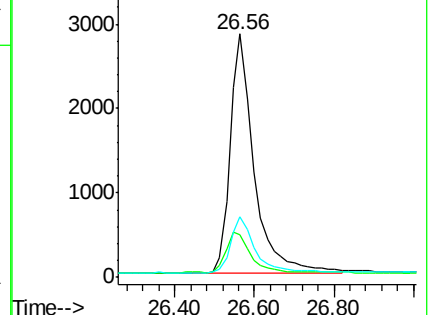
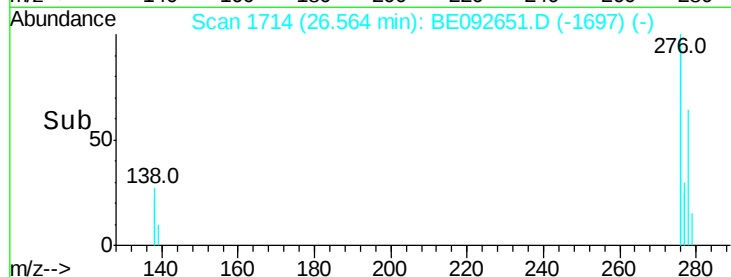
279 24.7 21.4 32.2



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: 0.83 ng

RT: 27.30 min Scan# 1757

Delta R.T. -0.02 min

Lab File: BE092651.D

Acq: 16 Jan 2017 14:31

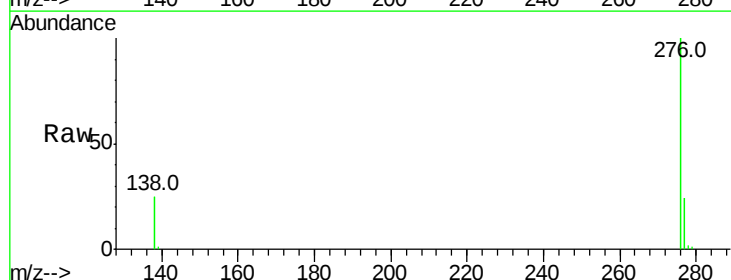
Tgt Ion:276 Resp: 50708

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.8

138 24.5 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

