

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011617\
 Data File : BE092652.D
 Acq On : 16 Jan 2017 15:10
 Operator : UM/SJ
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 16 15:50:21 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	9340	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	43235	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	27733	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	63271	5.00	ng	0.00
24) Chrysene-d12	21.72	240	63874	5.00	ng	0.00
31) Perylene-d12	24.07	264	71662	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.65	112	3082	2.17	ng	0.00
5) Phenol-d6	7.31	99	4059	1.99	ng	-0.02
8) Nitrobenzene-d5	9.32	82	4294	1.77	ng	-0.02
13) 2,4,6-Tribromophenol	16.28	330	1101	1.76	ng	-0.01
14) 2-Fluorobiphenyl	13.41	172	10903	1.64	ng	-0.01
26) Terphenyl-d14	20.16	244	14476	1.85	ng	0.00

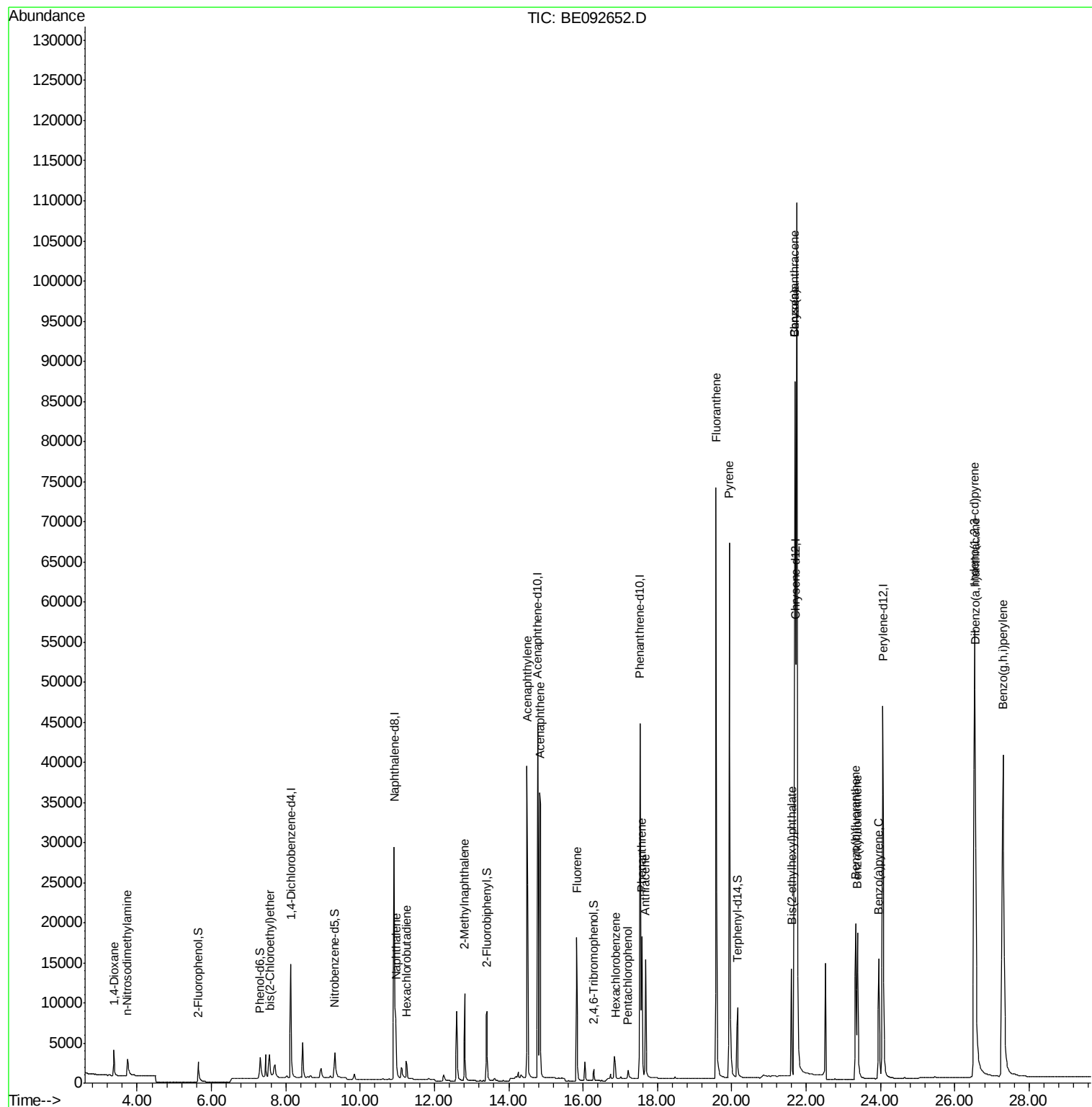
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	2002	1.46	ng	91
3) n-Nitrosodimethylamine	3.73	42	2641	2.31	ng	# 93
6) bis(2-Chloroethyl)ether	7.57	93	4172	1.97	ng	# 28
9) Naphthalene	10.97	128	13853	1.56	ng	95
10) Hexachlorobutadiene	11.24	225	2079	1.54	ng	99
11) 2-Methylnaphthalene	12.81	142	8529	1.51	ng	97
15) Acenaphthylene	14.49	152	61547	1.61	ng	100
16) Acenaphthene	14.85	154	9694	1.54	ng	94
17) Fluorene	15.83	166	12287	1.59	ng	99
19) Hexachlorobenzene	16.87	284	4958	1.83	ng	# 39
20) Pentachlorophenol	17.21	266	1059	2.30	ng	88
21) Phenanthrene	17.58	178	21508	1.35	ng	# 95
22) Anthracene	17.67	178	20860	1.43	ng	99
23) Fluoranthene	19.58	202	97141	1.41	ng	99
25) Pyrene	19.93	202	101056	1.80	ng	100
27) Benzo(a)anthracene	21.70	228	97100	1.69	ng	# 74
28) Chrysene	21.70	228	97100	1.46	ng	# 57
29) Bis(2-ethylhexyl)phthalate	21.61	149	15337	2.47	ng	# 72
30) Indeno(1,2,3-cd)pyrene	26.53	276	125913	2.10	ng	98
32) Benzo(b)fluoranthene	23.34	252	27143	1.65	ng	96
33) Benzo(k)fluoranthene	23.38	252	28231	1.54	ng	94
34) Benzo(a)pyrene	23.95	252	26580	1.67	ng	96
35) Dibenzo(a,h)anthracene	26.55	278	25750	1.70	ng	94
36) Benzo(g,h,i)perylene	27.30	276	106358	1.64	ng	98

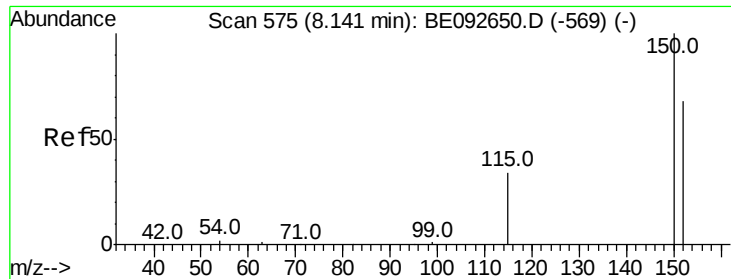
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092652.D

Acq: 16 Jan 2017 15:10

Instrument :

BNA_E

ClientSampleId :

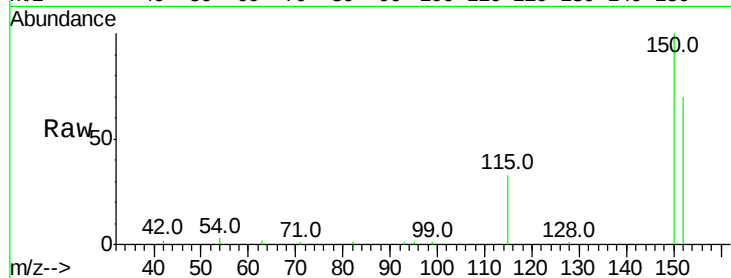
Tot Ion:152 Resp: 9340

Ion Ratio Lower Upper

152 100

150 143.2 106.0 159.0

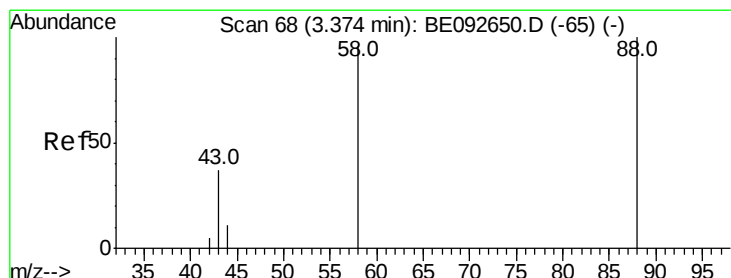
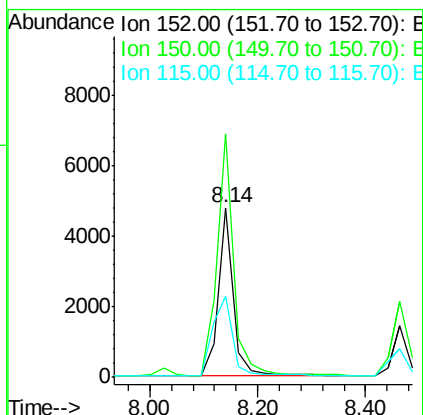
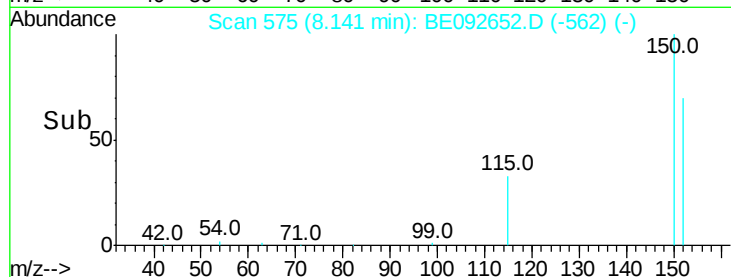
115 47.3 31.2 46.8#



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: 1.46 ng

RT: 3.38 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE092652.D

Acq: 16 Jan 2017 15:10

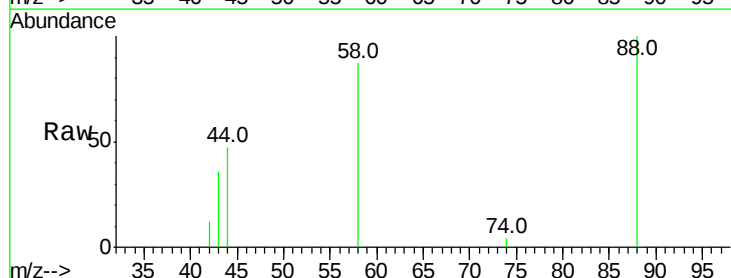
Tgt Ion: 88 Resp: 2002

Ion Ratio Lower Upper

88 100

58 89.0 63.6 95.4

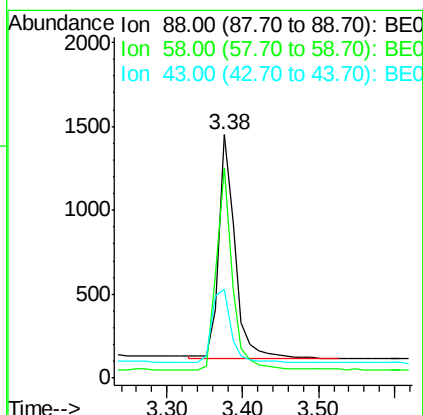
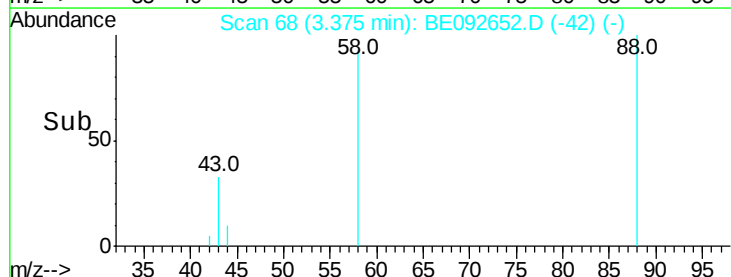
43 38.1 28.0 42.0

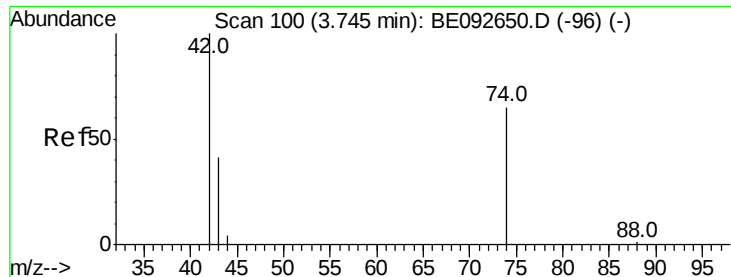


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 2.31 ng

RT: 3.73 min Scan# 99

Delta R.T. -0.01 min

Lab File: BE092652.D

Acq: 16 Jan 2017 15:10

Instrument :

BNA_E

ClientSampleId :

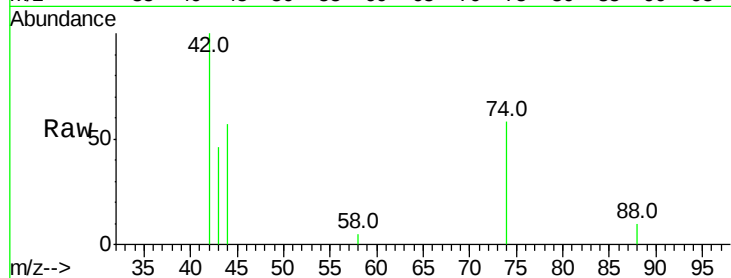
Tot Ion: 42 Resp: 2641

Ion Ratio Lower Upper

42 100

74 100.1 86.0 129.0

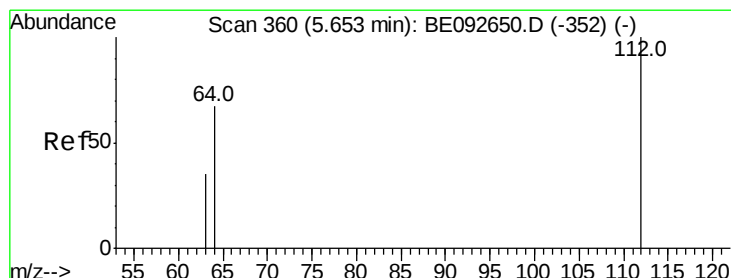
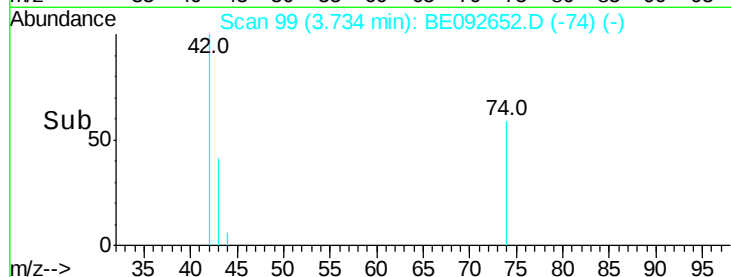
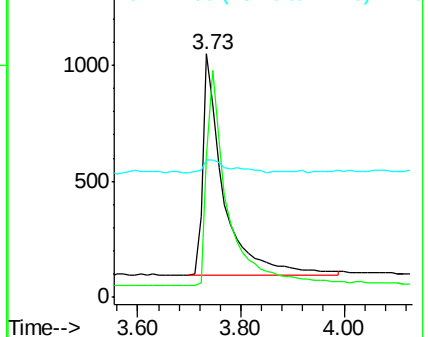
44 8.0 5.1 7.7#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 2.17 ng

RT: 5.65 min Scan# 359

Delta R.T. -0.01 min

Lab File: BE092652.D

Acq: 16 Jan 2017 15:10

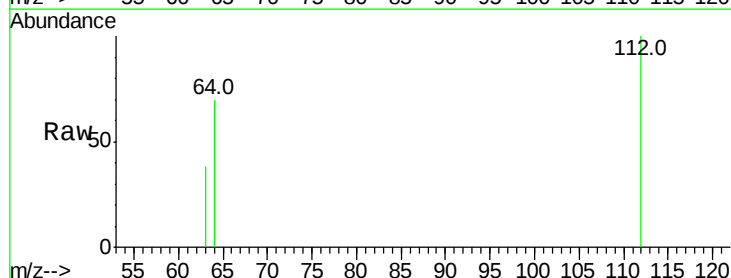
Tgt Ion: 112 Resp: 3082

Ion Ratio Lower Upper

112 100

64 69.3 53.5 80.3

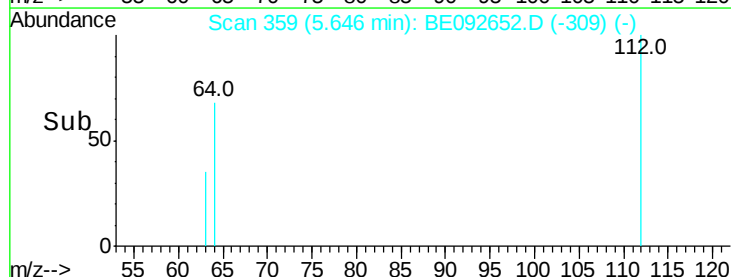
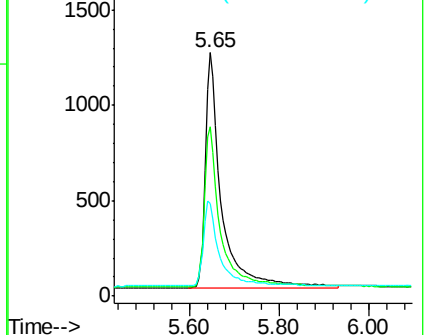
63 36.3 27.9 41.9

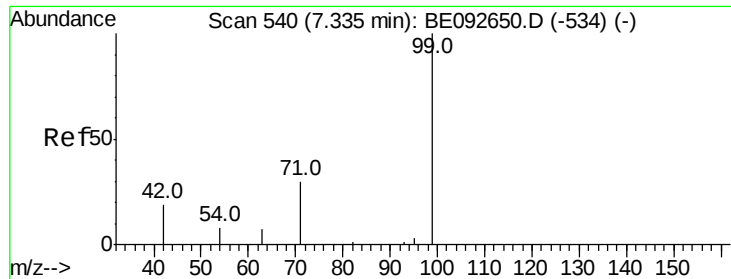


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.99 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092652.D

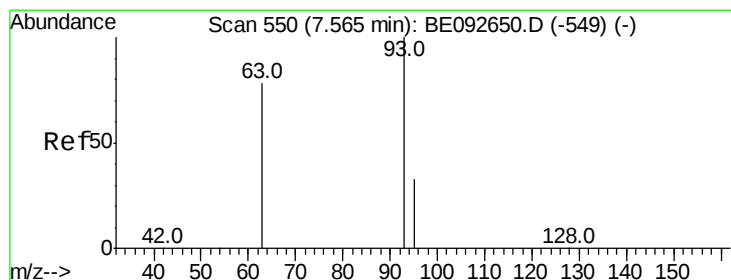
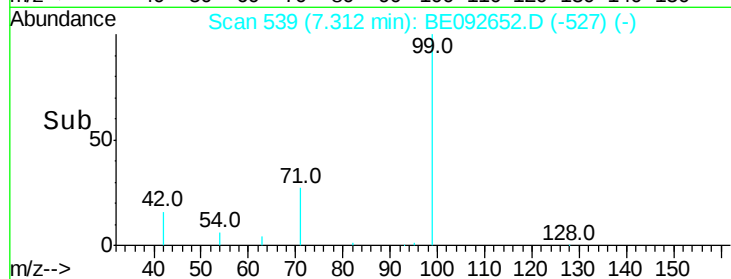
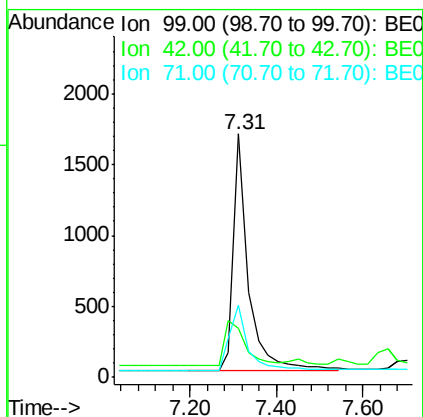
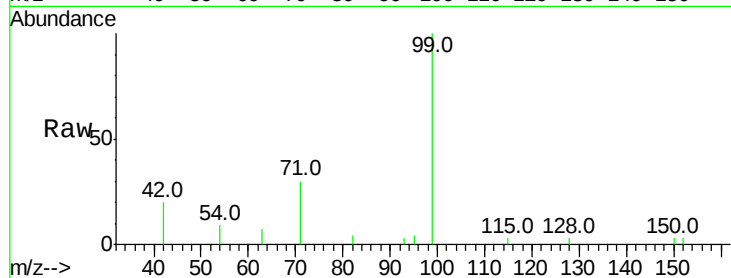
Acq: 16 Jan 2017 15:10

Instrument :

BNA_E

ClientSampled :

Tot Ion:	99	Resp:	4059
Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	33.7	30.6	45.8



#6

bis(2-Chloroethyl)ether

Concen: 1.97 ng

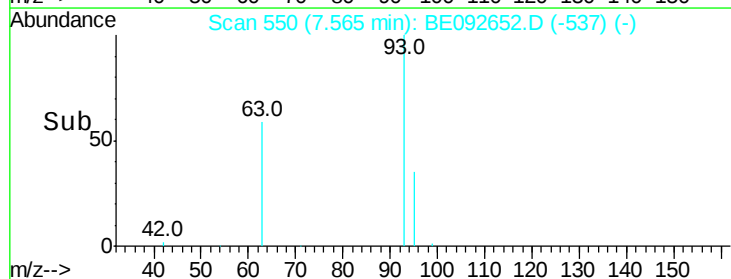
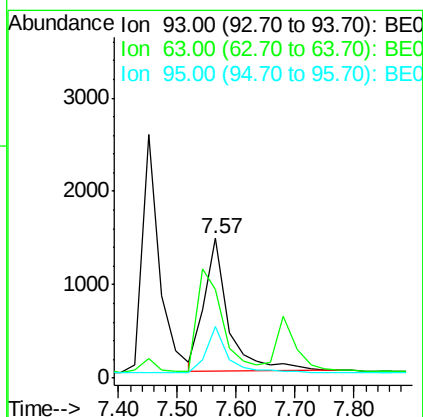
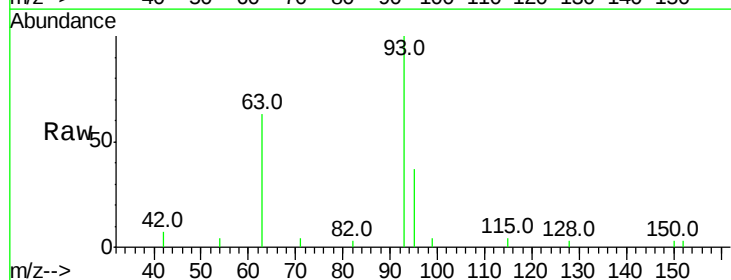
RT: 7.57 min Scan# 550

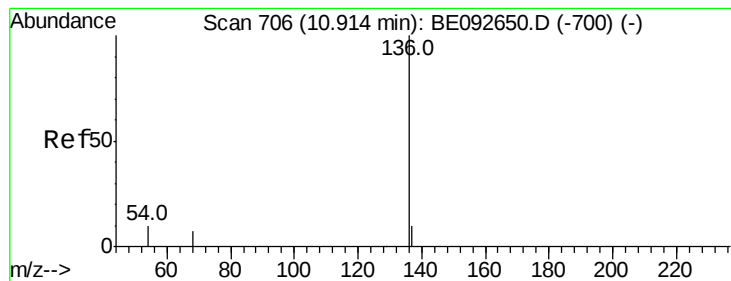
Delta R.T. 0.00 min

Lab File: BE092652.D

Acq: 16 Jan 2017 15:10

Tgt Ion:	93	Resp:	4172
Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	31.1	24.0	36.0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.91 min Scan# 706

Delta R.T. 0.00 min

Lab File: BE092652.D

Acq: 16 Jan 2017 15:10

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 43235

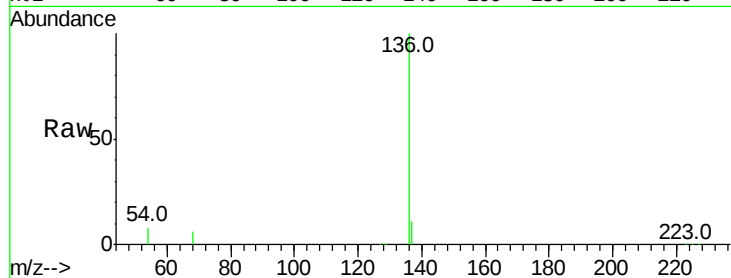
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 7.9 9.6 14.4#

68 5.7 6.7 10.1#

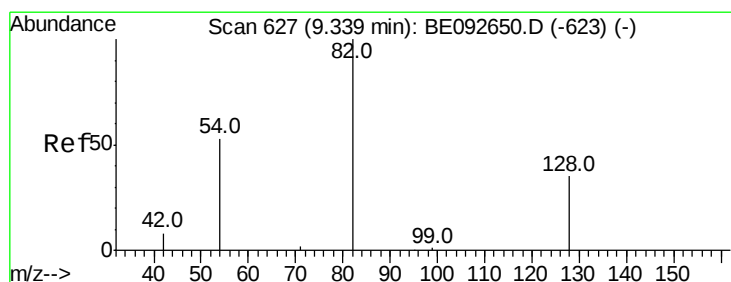
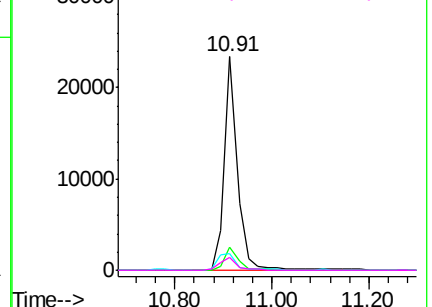
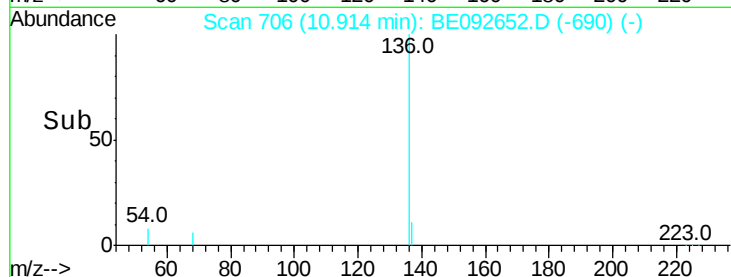


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.77 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.02 min

Lab File: BE092652.D

Acq: 16 Jan 2017 15:10

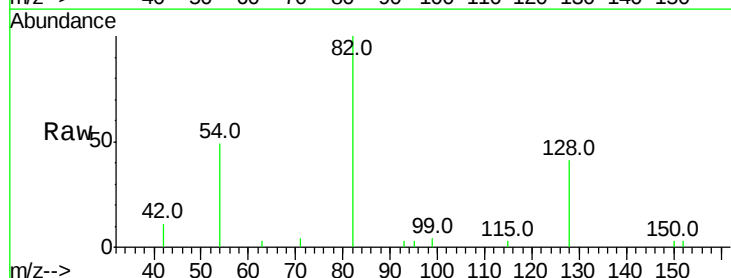
Tgt Ion: 82 Resp: 4294

Ion Ratio Lower Upper

82 100

128 41.0 39.0 58.4

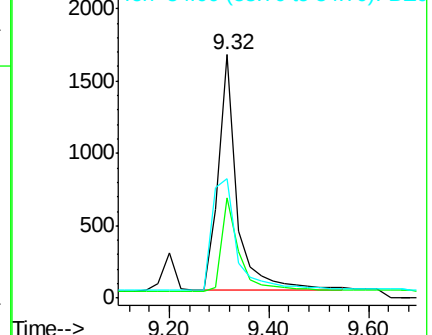
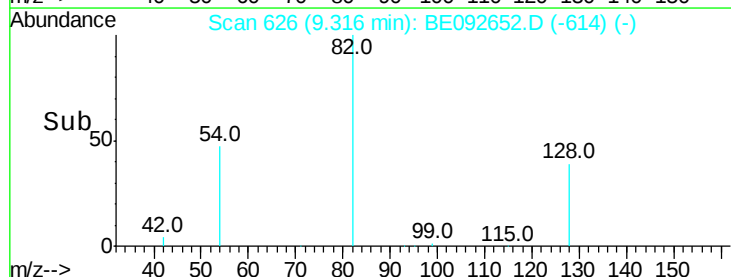
54 49.3 44.8 67.2

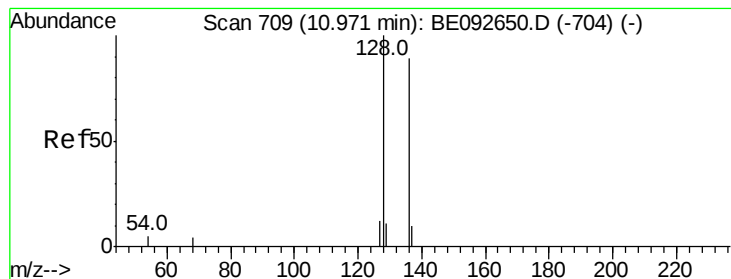


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.56 ng

RT: 10.97 min Scan# 709

Delta R.T. 0.00 min

Lab File: BE092652.D

Acq: 16 Jan 2017 15:10

Instrument :

BNA_E

ClientSampleId :

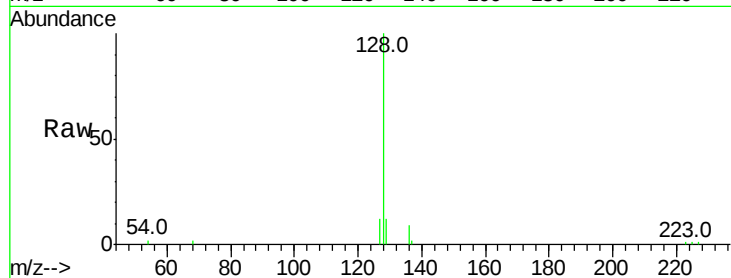
Tot Ion:128 Resp: 13853

Ion Ratio Lower Upper

128 100

129 12.4 11.2 16.8

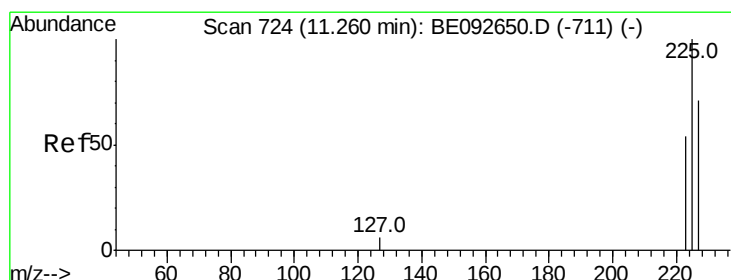
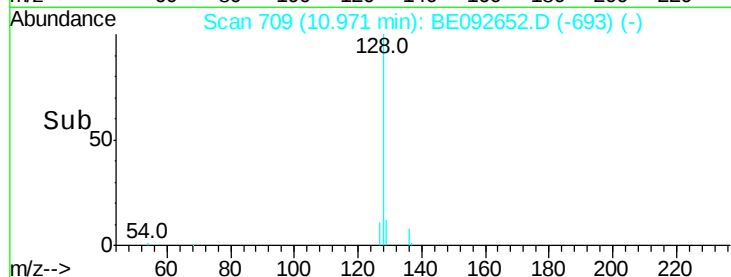
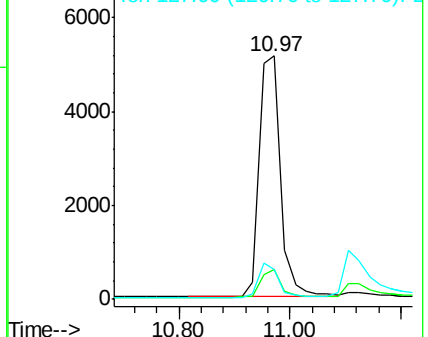
127 12.1 11.6 17.4



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: 1.54 ng

RT: 11.24 min Scan# 723

Delta R.T. -0.02 min

Lab File: BE092652.D

Acq: 16 Jan 2017 15:10

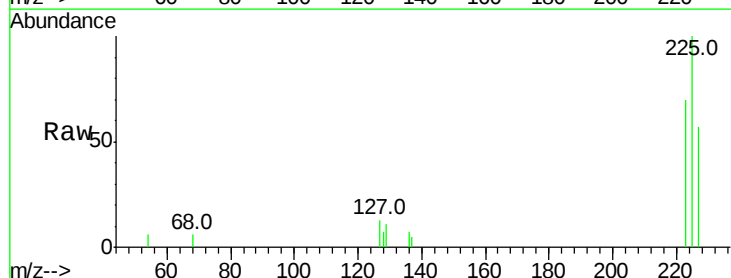
Tgt Ion:225 Resp: 2079

Ion Ratio Lower Upper

225 100

223 61.7 50.6 76.0

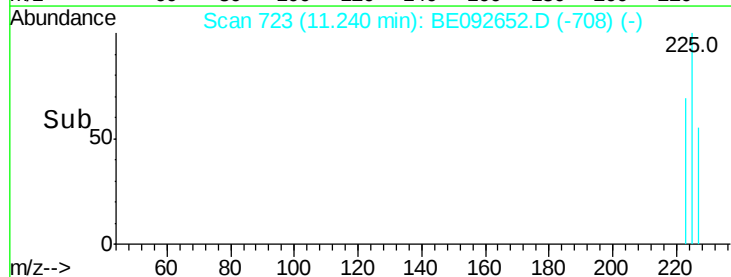
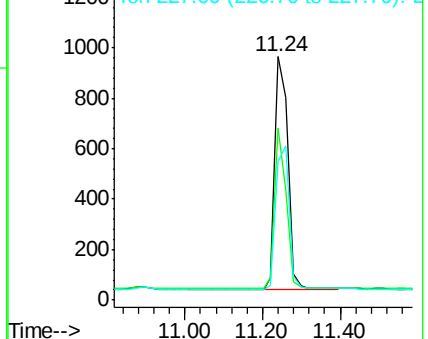
227 64.0 51.4 77.0



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: 1.51 ng

RT: 12.81 min Scan# 830

Delta R.T. 0.20 min

Lab File: BE092652.D

Acq: 16 Jan 2017 15:10

Instrument :

BNA_E

ClientSampleId :

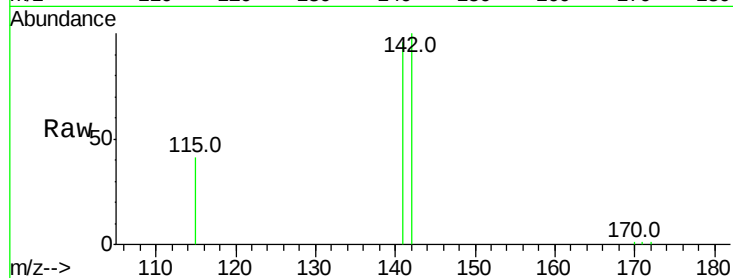
Tot Ion:142 Resp: 8529

Ion Ratio Lower Upper

142 100

141 95.6 73.7 110.5

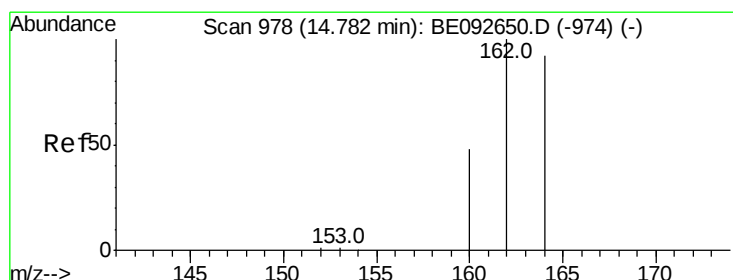
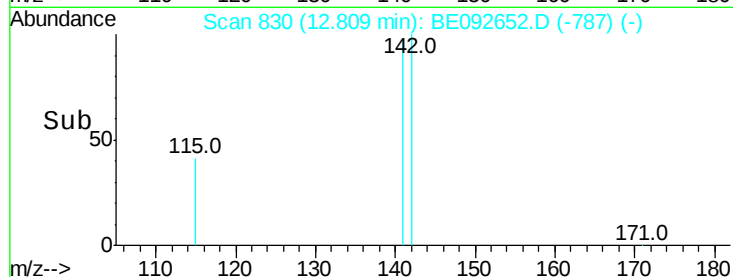
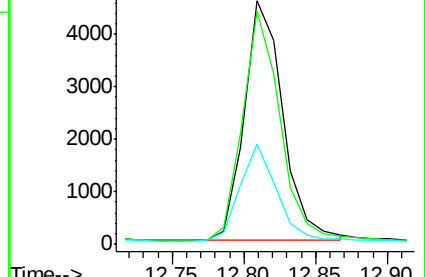
115 41.3 34.0 51.0



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: BE092652.D

Acq: 16 Jan 2017 15:10

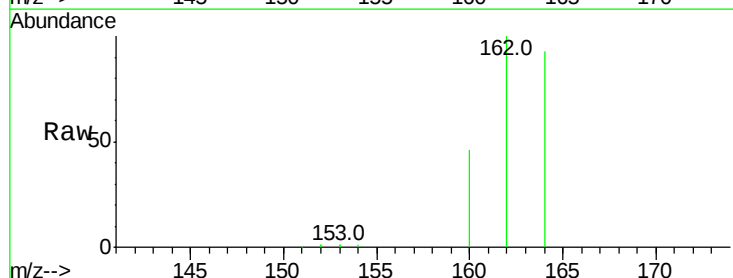
Tgt Ion:164 Resp: 27733

Ion Ratio Lower Upper

164 100

162 108.1 71.4 107.0#

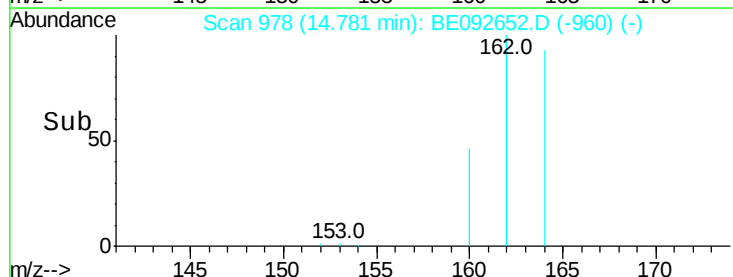
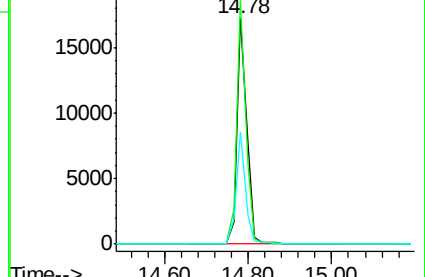
160 49.7 27.4 41.2#

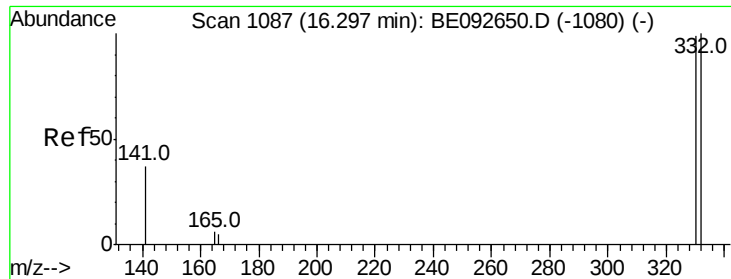


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

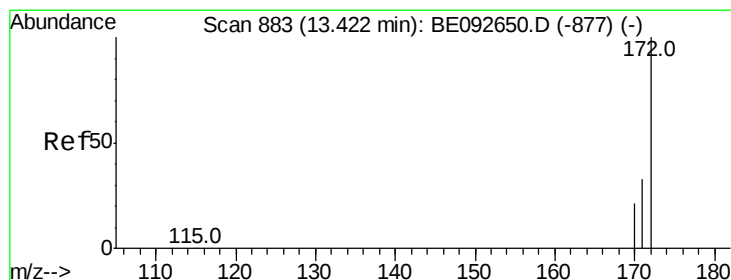
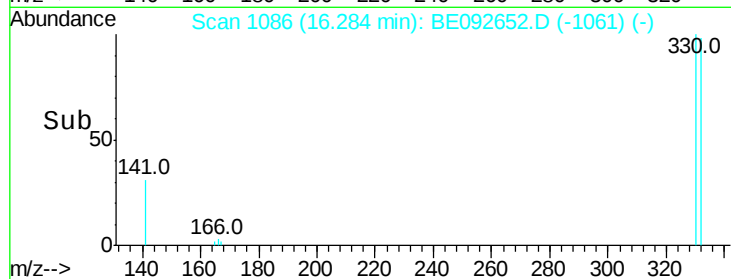
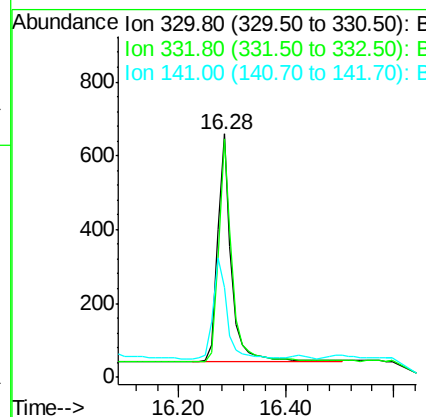
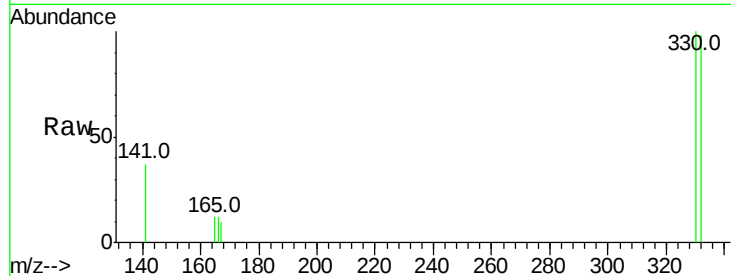




#13
 2,4,6-Tribromophenol
 Concen: 1.76 ng
 RT: 16.28 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BE092652.D
 Acq: 16 Jan 2017 15:10

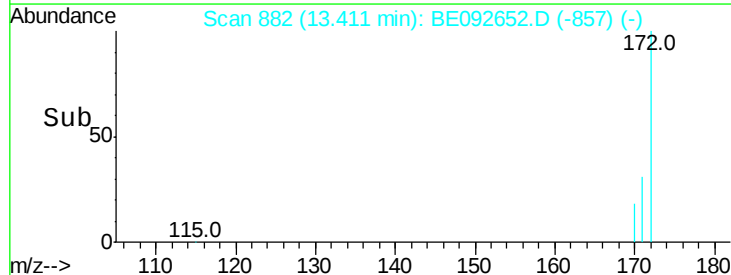
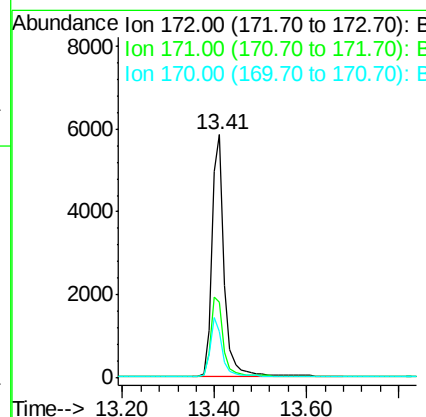
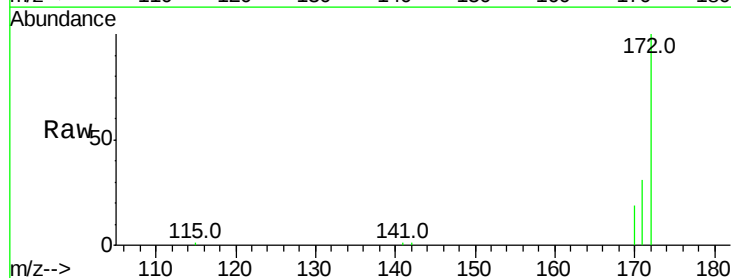
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 1101
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.0
 141 43.6 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 1.64 ng
 RT: 13.41 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BE092652.D
 Acq: 16 Jan 2017 15:10

Tgt Ion:172 Resp: 10903
 Ion Ratio Lower Upper
 172 100
 171 31.0 30.1 45.1
 170 18.9 21.8 32.6#

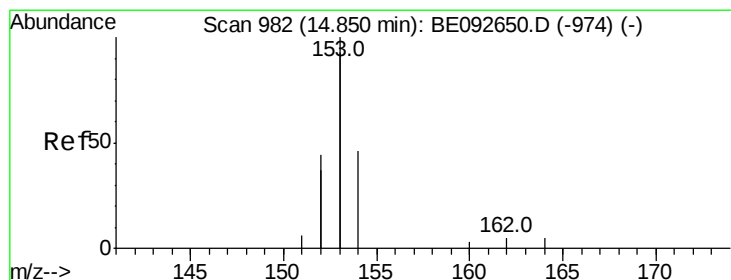
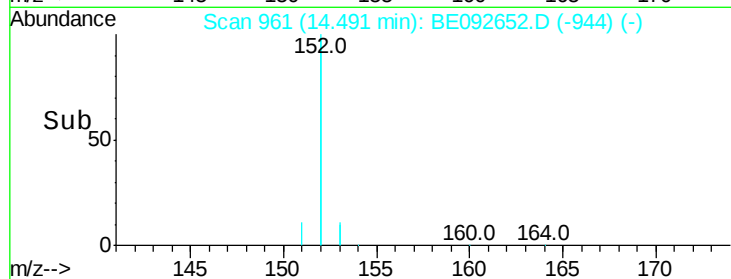
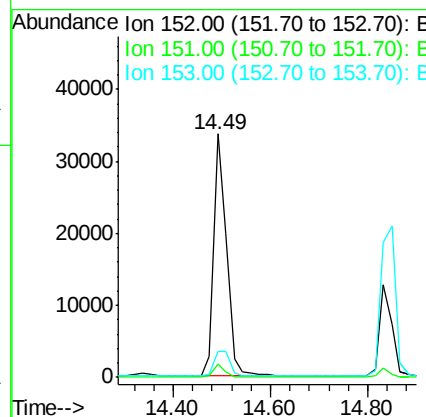
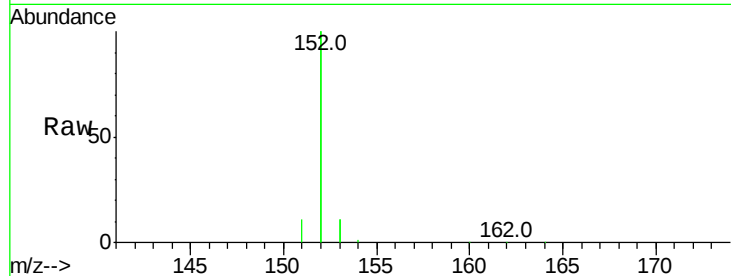




#15
Acenaphthylene
Concen: 1.61 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

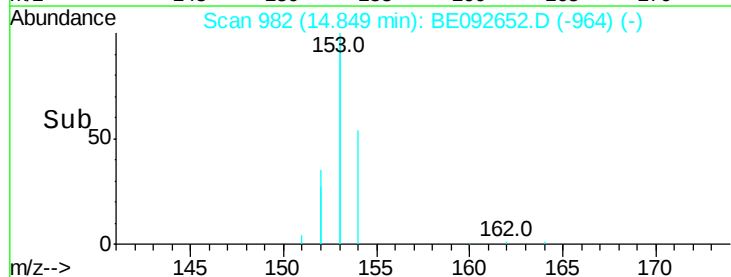
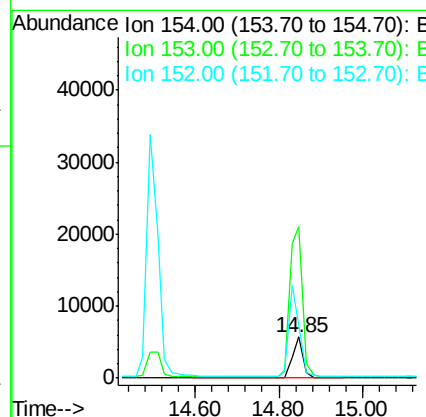
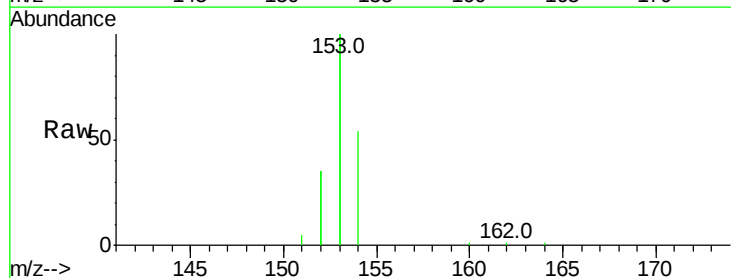
Instrument :
BNA_E
ClientSampleId :

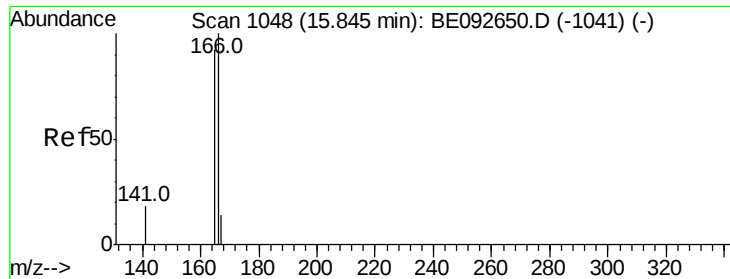
Tot Ion:152 Resp: 61547
Ion Ratio Lower Upper
152 100
151 4.9 3.9 5.9
153 12.9 10.4 15.6



#16
Acenaphthene
Concen: 1.54 ng
RT: 14.85 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion:154 Resp: 9694
Ion Ratio Lower Upper
154 100
153 449.3 350.8 526.2
152 228.5 171.1 256.7



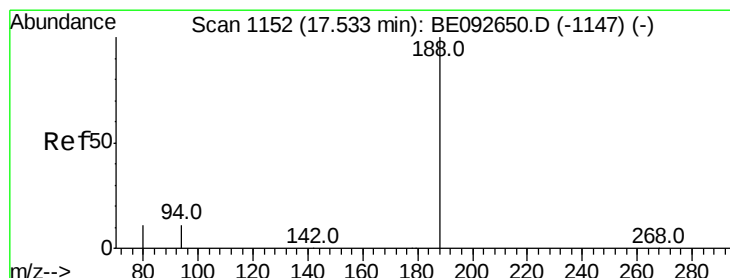
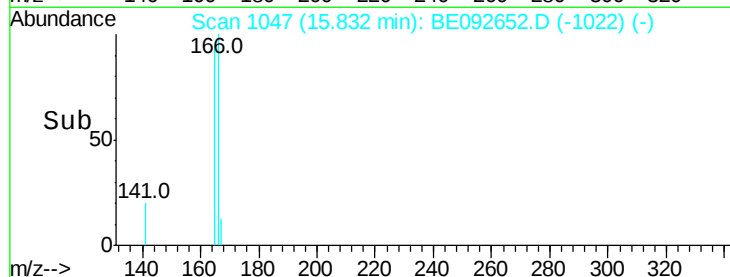
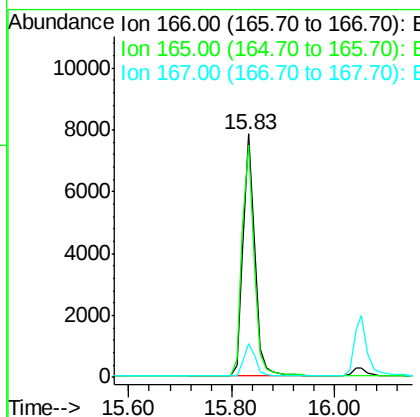
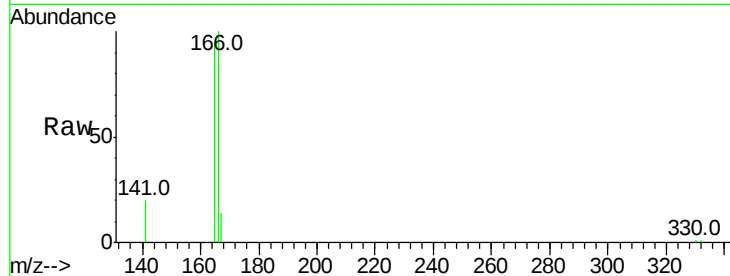


#17
Fluorene
 Concen: 1.59 ng
 RT: 15.83 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BE092652.D
 Acq: 16 Jan 2017 15:10

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:166 Resp: 12287

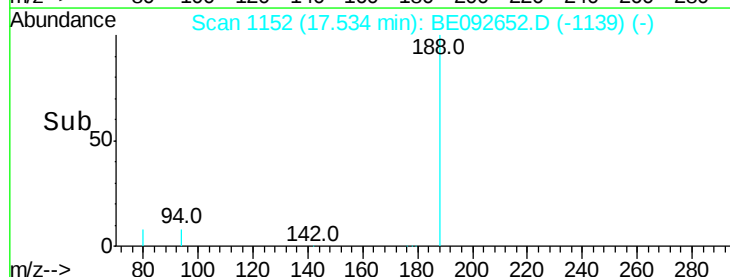
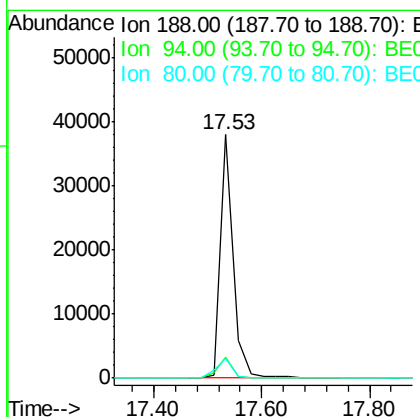
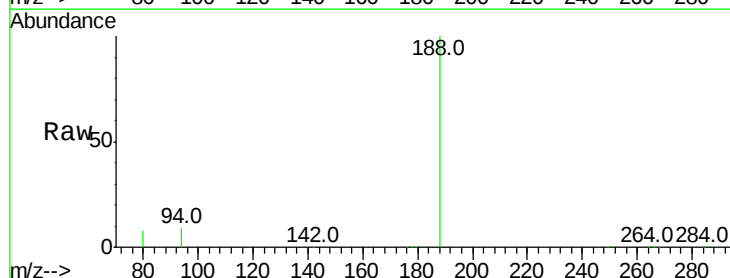
Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.2	117.4
167	13.5	11.0	16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.53 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BE092652.D
 Acq: 16 Jan 2017 15:10

Tgt Ion:188 Resp: 63271

Ion	Ratio	Lower	Upper
188	100		
94	8.6	3.2	4.8#
80	8.1	2.6	3.8#





#19

Hexachlorobenzene

Concen: 1.83 ng

RT: 16.87 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE092652.D

Acq: 16 Jan 2017 15:10

Instrument :

BNA_E

ClientSampleId :

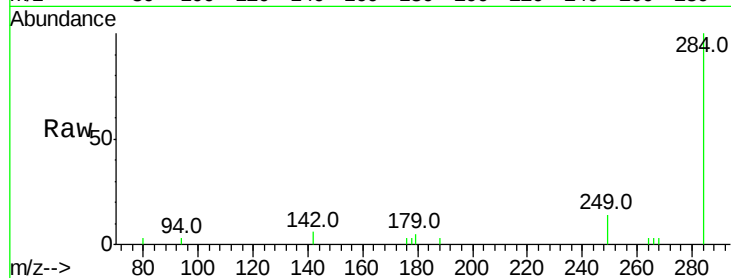
Tot Ion:284 Resp: 4958

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

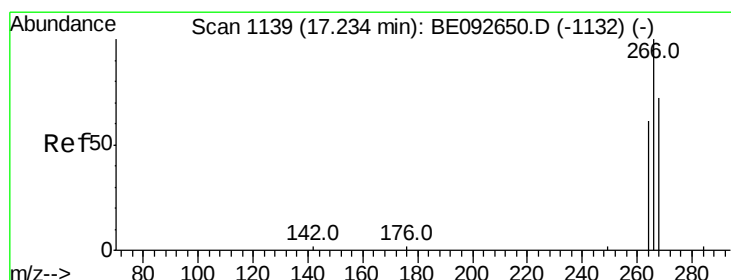
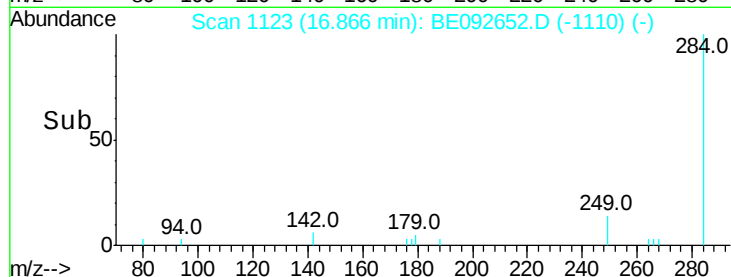
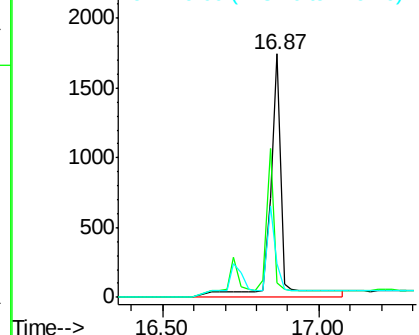
249 0.0 27.9 41.9#



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: 2.30 ng

RT: 17.21 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BE092652.D

Acq: 16 Jan 2017 15:10

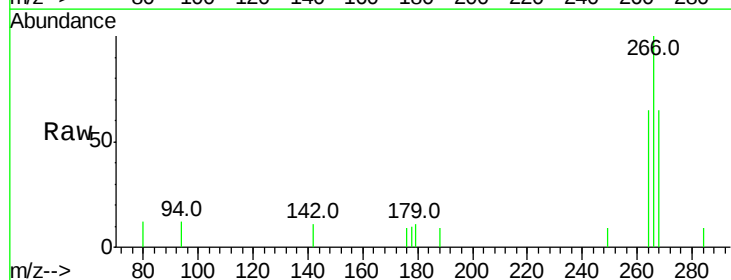
Tgt Ion:266 Resp: 1059

Ion Ratio Lower Upper

266 100

268 64.8 62.5 93.7

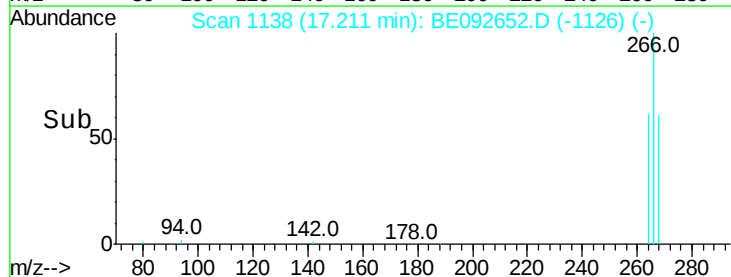
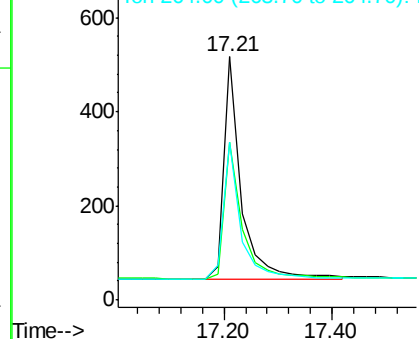
264 64.8 57.2 85.8

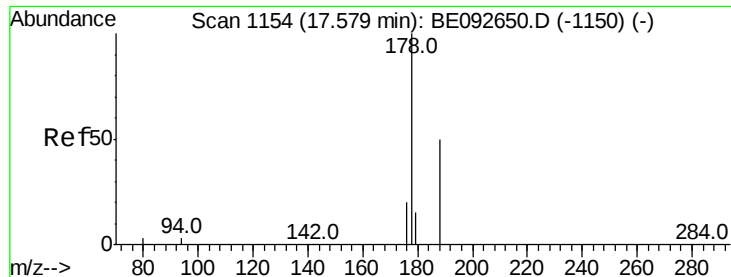


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 1.35 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092652.D

Acq: 16 Jan 2017 15:10

Instrument :

BNA_E

ClientSampleId :

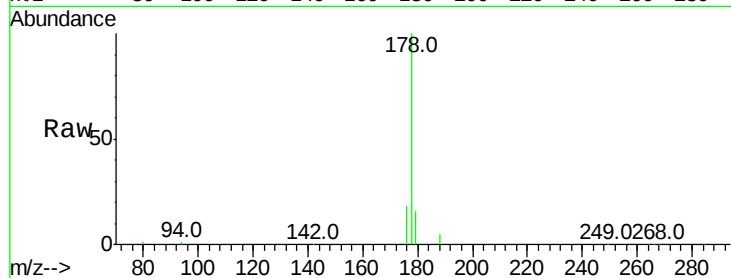
Tot Ion:178 Resp: 21508

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

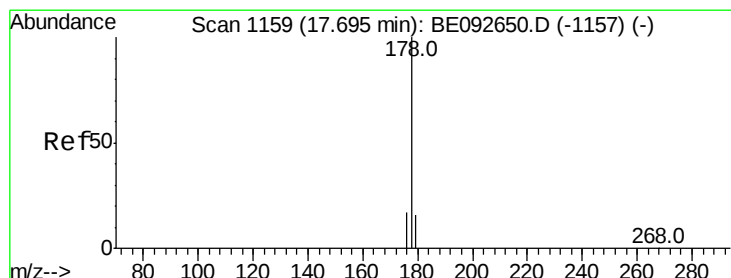
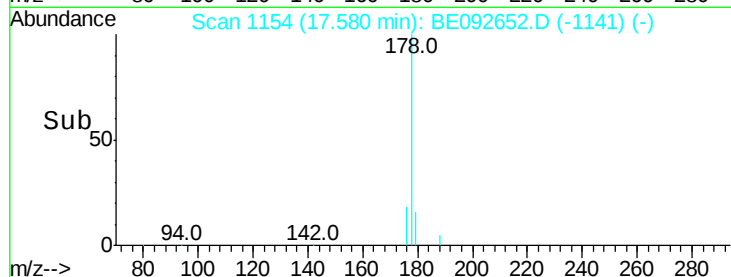
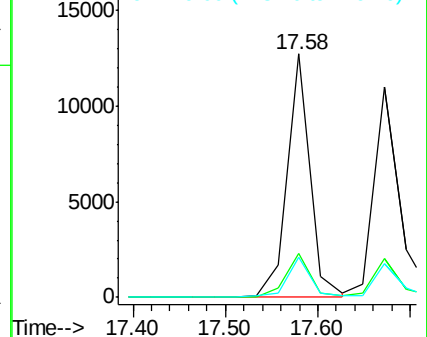
179 15.9 16.0 24.0#



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: 1.43 ng

RT: 17.67 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE092652.D

Acq: 16 Jan 2017 15:10

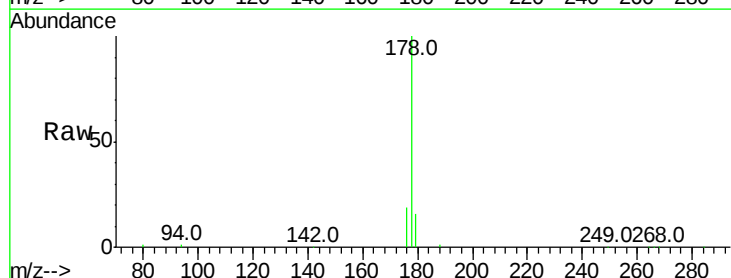
Tgt Ion:178 Resp: 20860

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

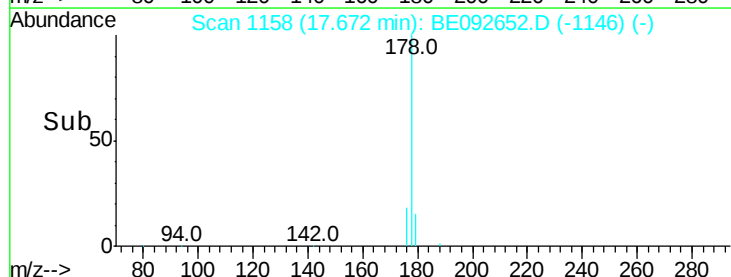
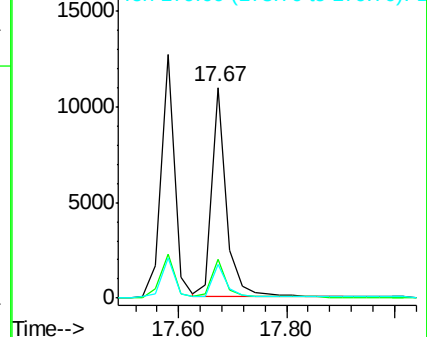
179 15.7 12.2 18.2

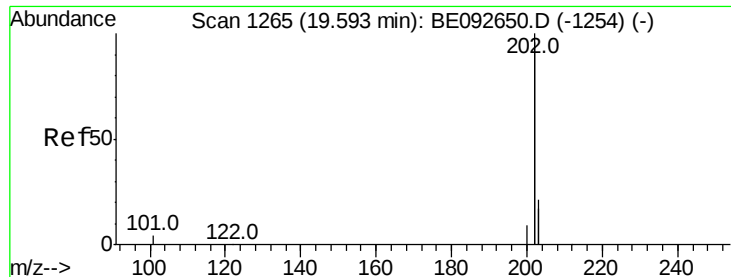


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 1.41 ng

RT: 19.58 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE092652.D

Acq: 16 Jan 2017 15:10

Instrument :

BNA_E

ClientSampleId :

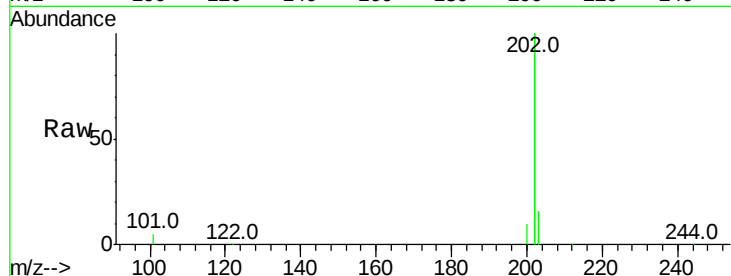
Tot Ion:202 Resp: 97141

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

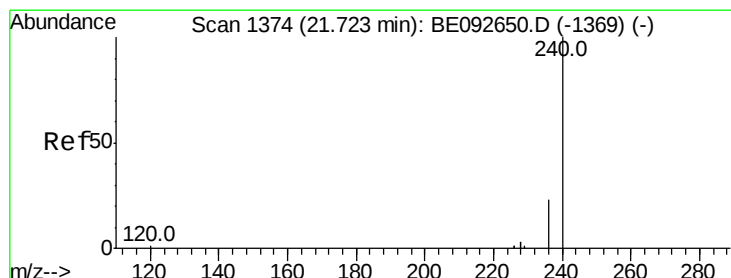
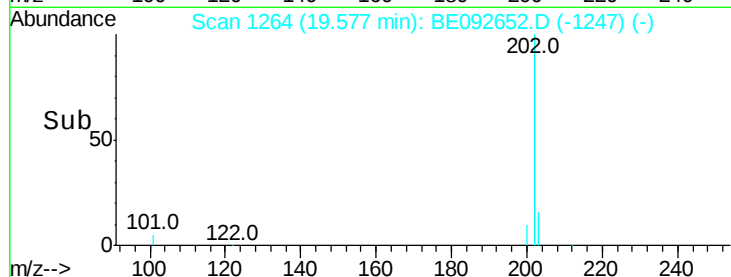
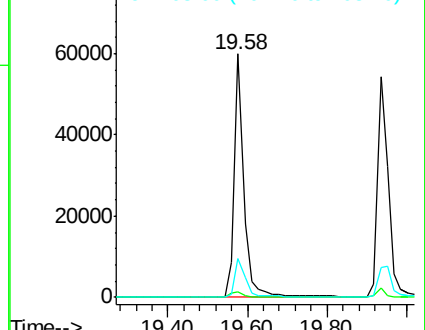
203 17.4 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092652.D

Acq: 16 Jan 2017 15:10

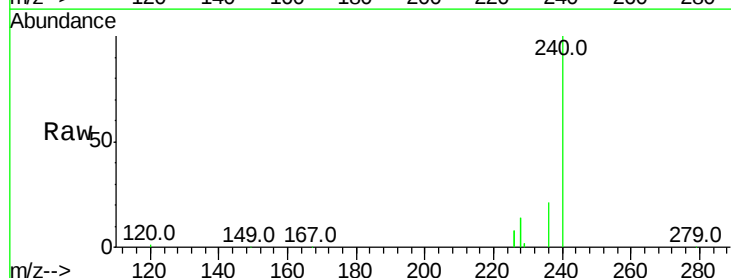
Tgt Ion:240 Resp: 63874

Ion Ratio Lower Upper

240 100

120 1.1 2.6 4.0#

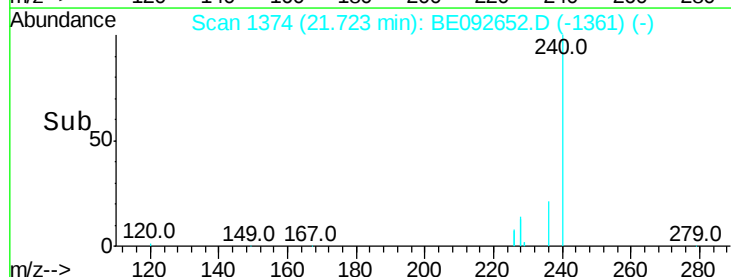
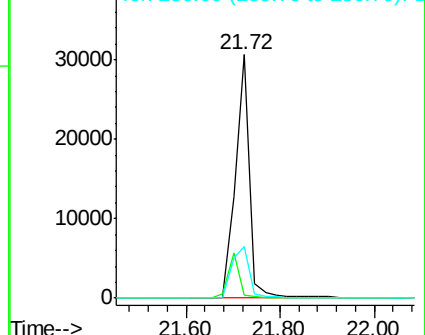
236 21.1 24.6 37.0#

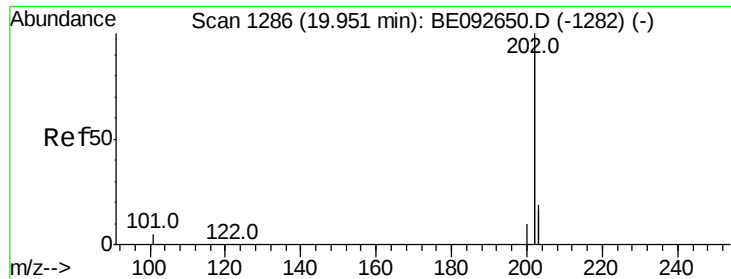


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

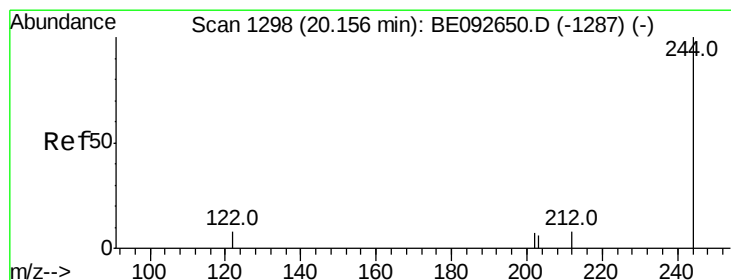
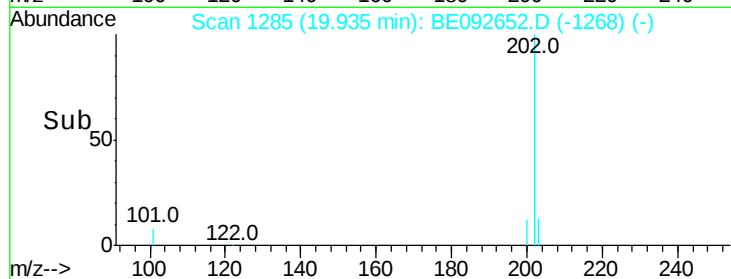
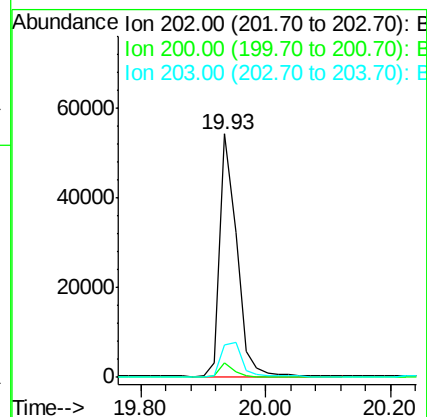
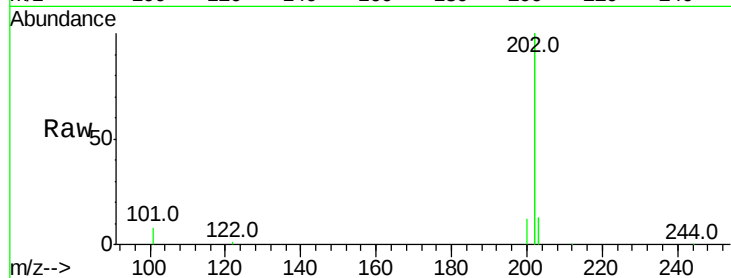




#25
Pvrene
Concen: 1.80 ng
RT: 19.93 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

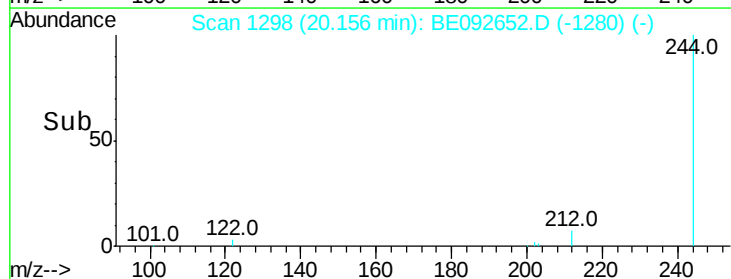
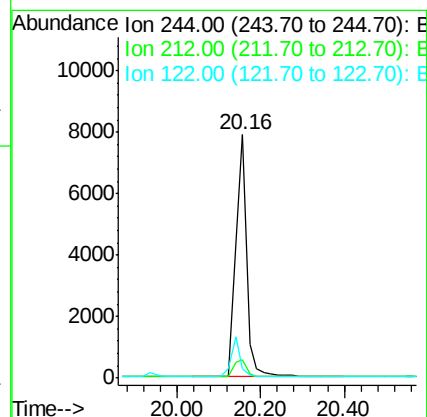
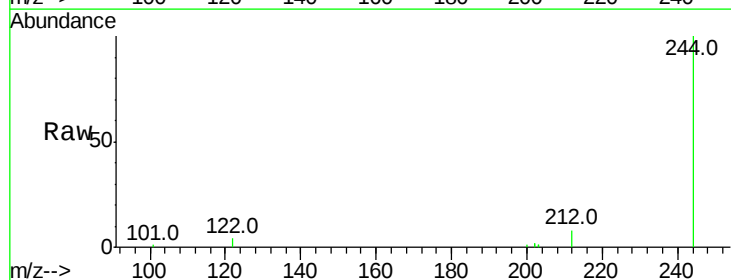
Instrument :
BNA_E
ClientSampleId :

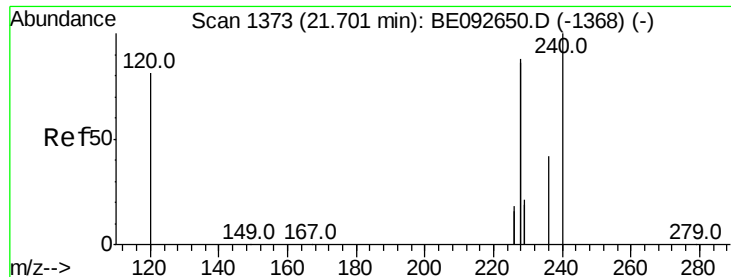
Tot Ion:202 Resp: 101056
Ion Ratio Lower Upper
202 100
200 5.3 4.2 6.4
203 17.3 13.9 20.9



#26
Terphenyl-d14
Concen: 1.85 ng
RT: 20.16 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion:244 Resp: 14476
Ion Ratio Lower Upper
244 100
212 7.7 6.7 10.1
122 3.6 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 1.69 ng

RT: 21.70 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE092652.D

Acq: 16 Jan 2017 15:10

Instrument :

BNA_E

ClientSampled :

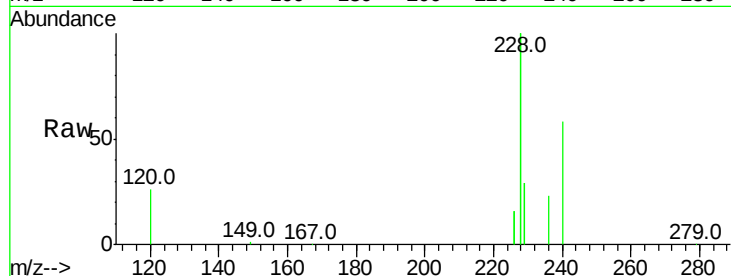
Tot Ion:228 Resp: 97100

Ion Ratio Lower Upper

228 100

226 16.3 23.6 35.4#

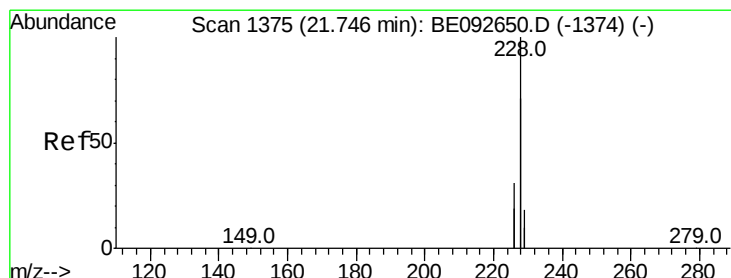
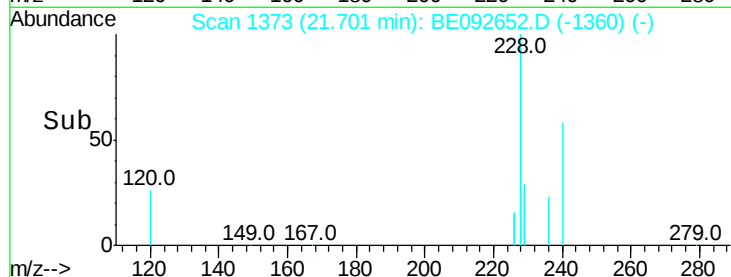
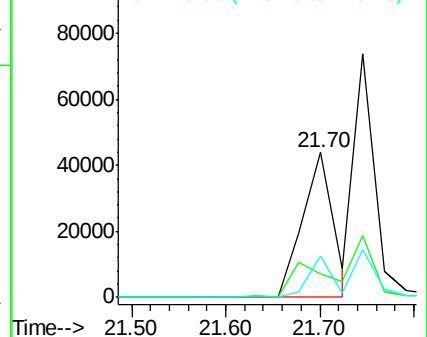
229 28.7 13.3 19.9#



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: 1.46 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.05 min

Lab File: BE092652.D

Acq: 16 Jan 2017 15:10

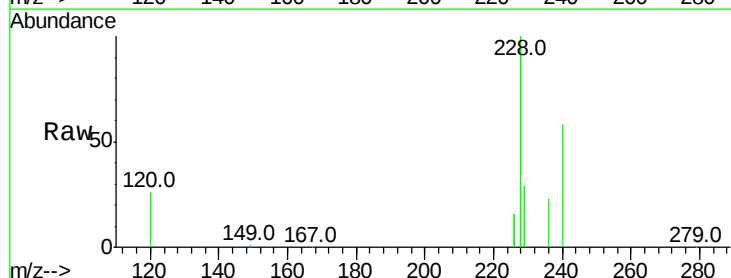
Tgt Ion:228 Resp: 97100

Ion Ratio Lower Upper

228 100

226 16.3 36.3 54.5#

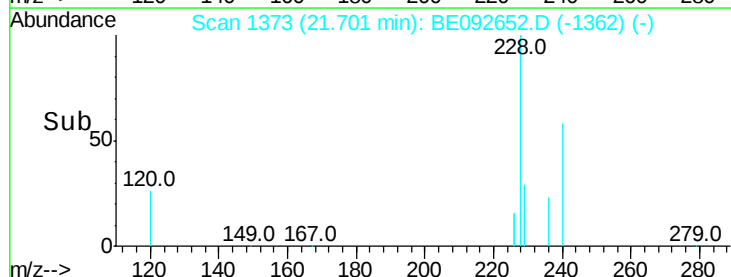
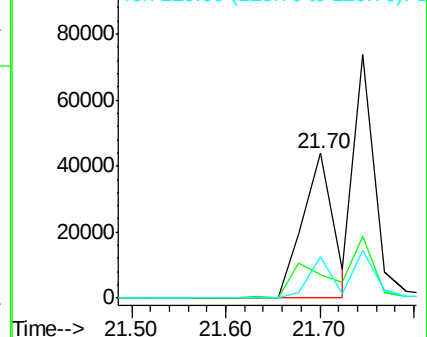
229 28.7 10.6 16.0#

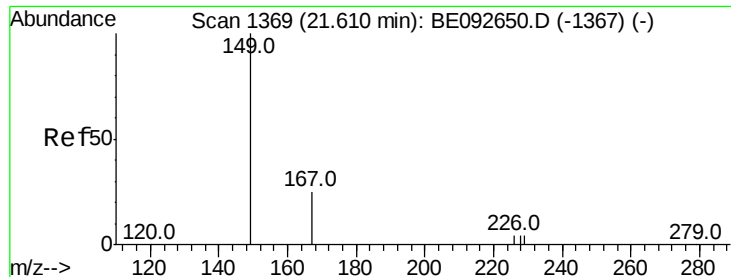


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 2.47 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092652.D

Acq: 16 Jan 2017 15:10

Instrument :

BNA_E

ClientSampleId :

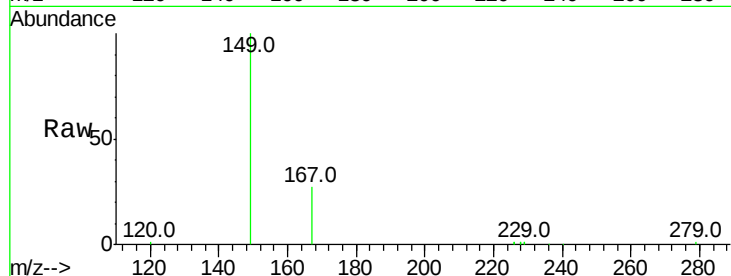
Tot Ion:149 Resp: 15337

Ion Ratio Lower Upper

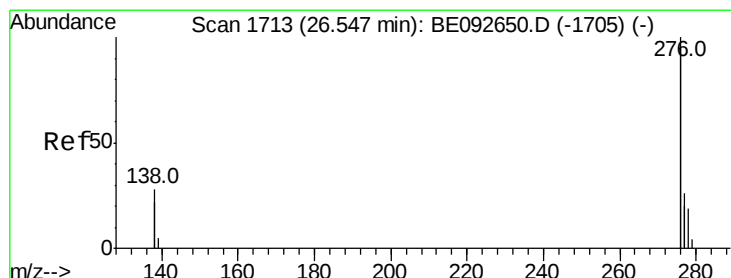
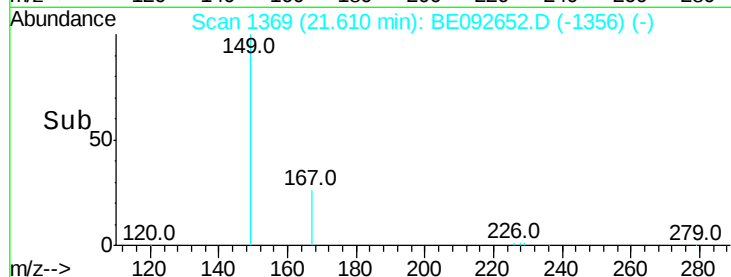
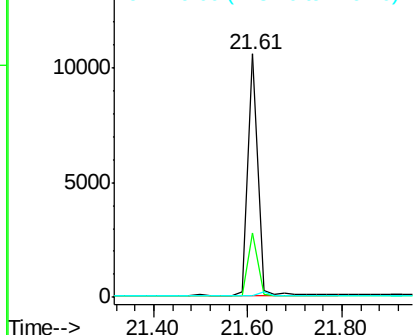
149 100

167 25.6 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: 2.10 ng

RT: 26.53 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BE092652.D

Acq: 16 Jan 2017 15:10

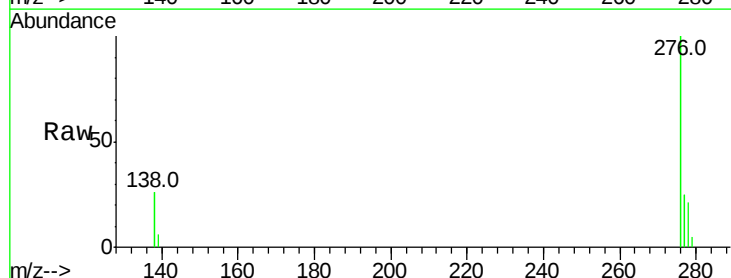
Tgt Ion:276 Resp: 125913

Ion Ratio Lower Upper

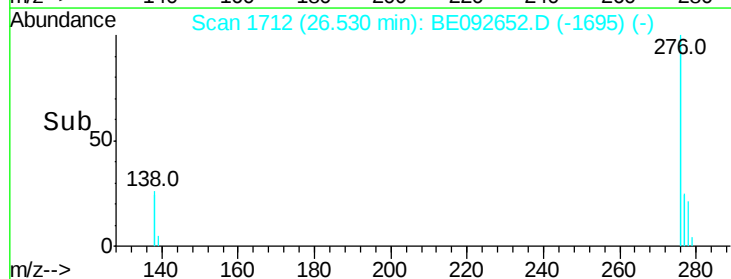
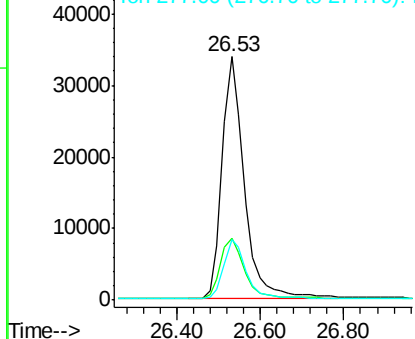
276 100

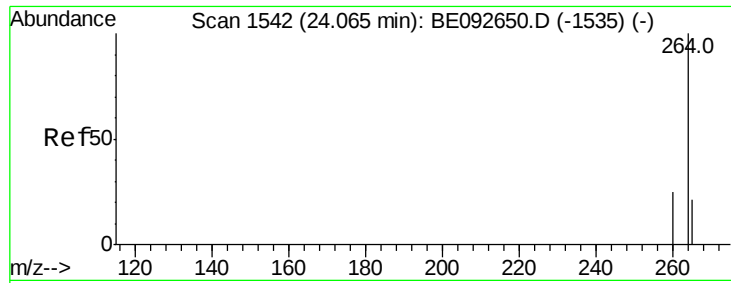
138 27.3 20.3 30.5

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

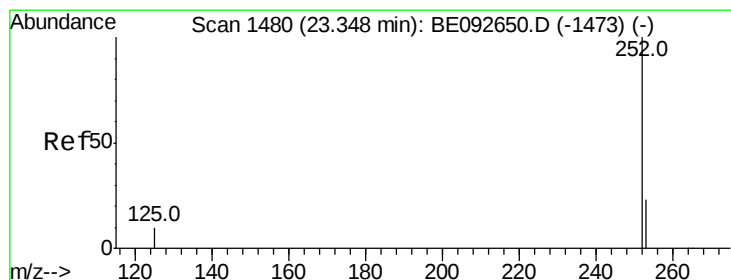
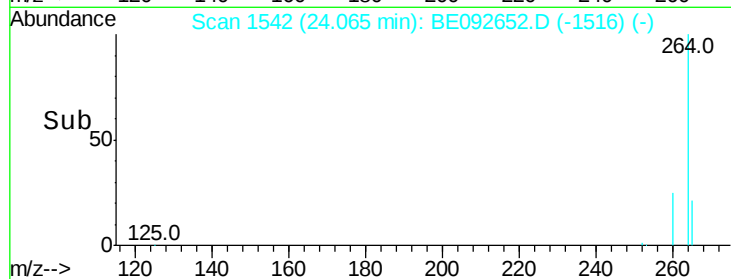
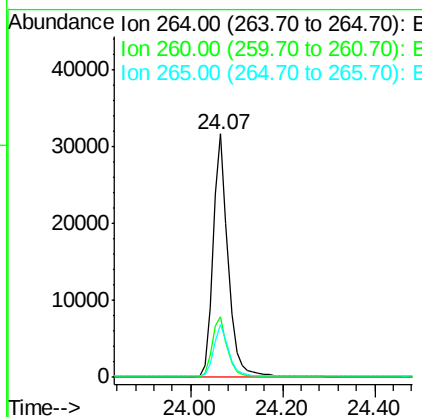
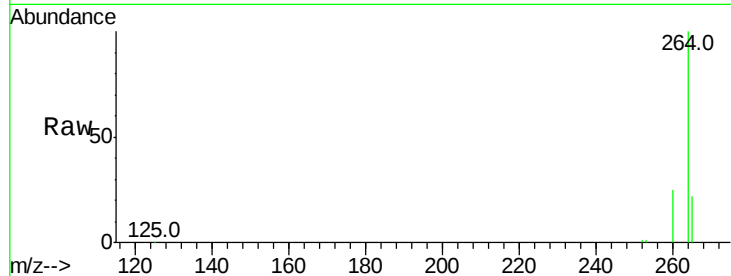




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.07 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

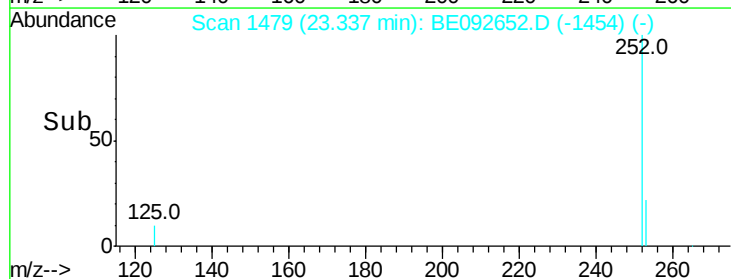
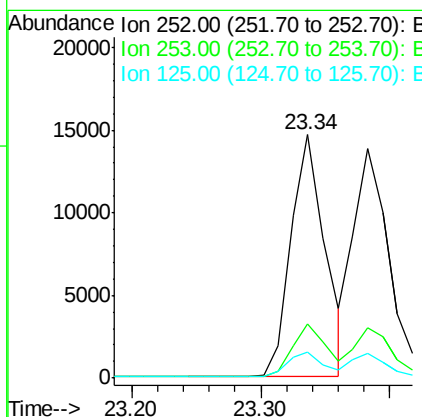
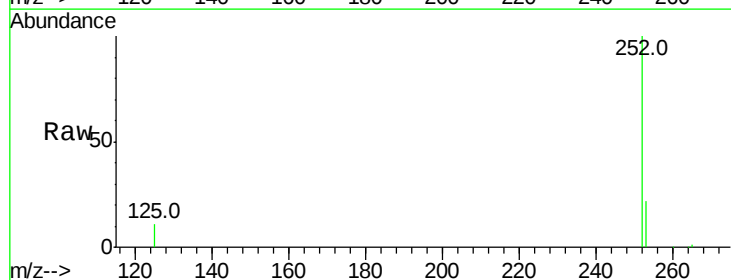
Instrument :
BNA_E
ClientSampleId :

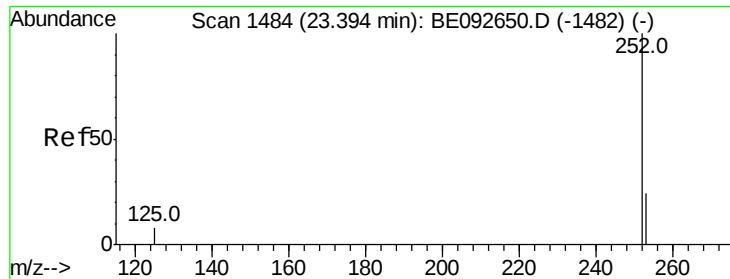
Tot Ion:264 Resp: 71662
Ion Ratio Lower Upper
264 100
260 24.8 20.1 30.1
265 21.9 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 1.65 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion:252 Resp: 27143
Ion Ratio Lower Upper
252 100
253 22.4 18.7 28.1
125 10.6 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 1.54 ng

RT: 23.38 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE092652.D

Acq: 16 Jan 2017 15:10

Instrument :

BNA_E

ClientSampleId :

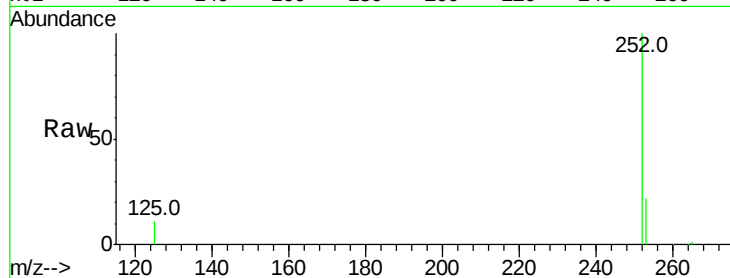
Tot Ion:252 Resp: 28231

Ion Ratio Lower Upper

252 100

253 21.9 20.3 30.5

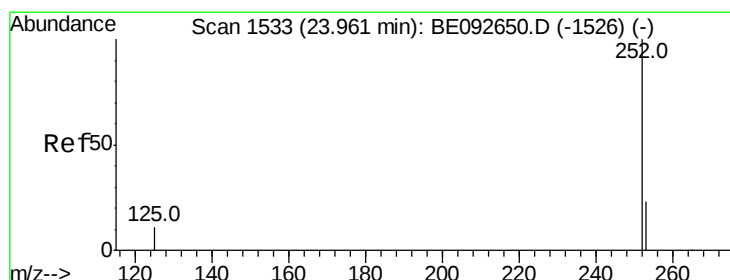
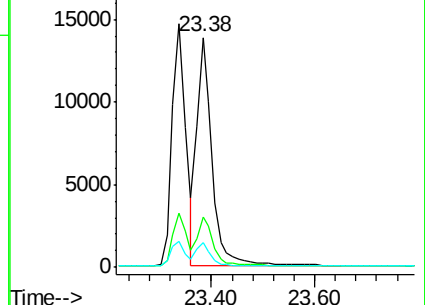
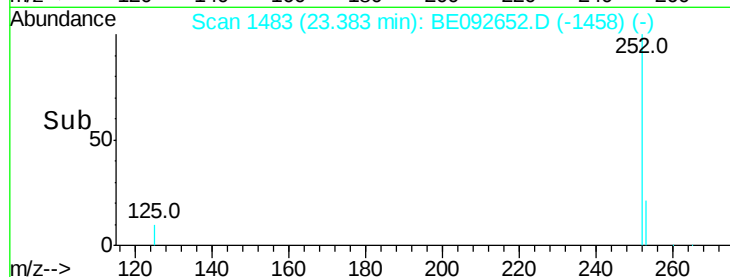
125 10.7 9.6 14.4



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: 1.67 ng

RT: 23.95 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BE092652.D

Acq: 16 Jan 2017 15:10

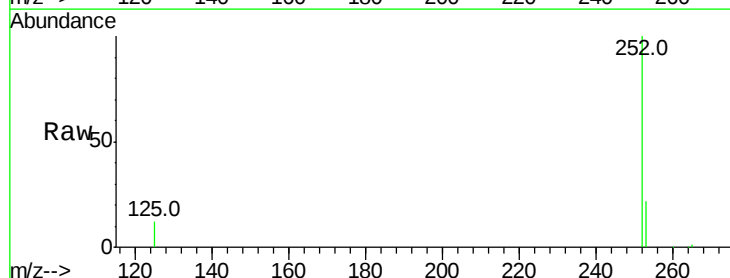
Tgt Ion:252 Resp: 26580

Ion Ratio Lower Upper

252 100

253 22.2 19.0 28.6

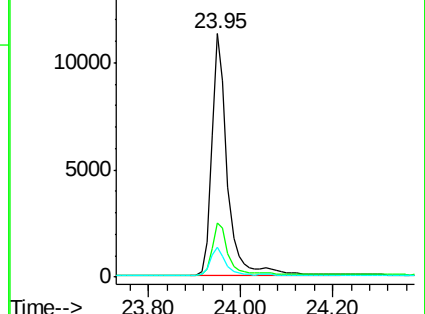
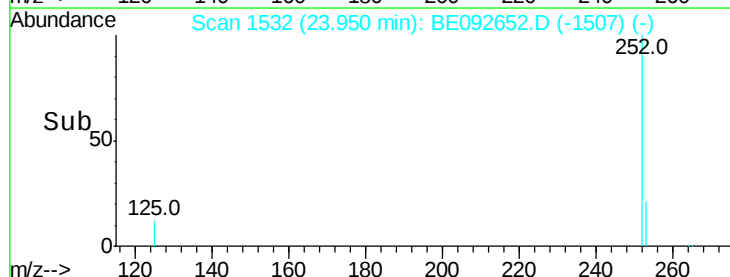
125 12.3 11.8 17.8

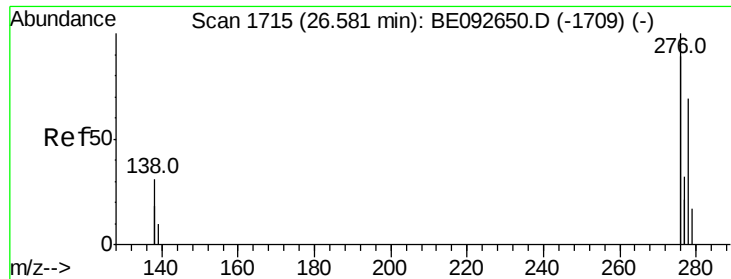


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



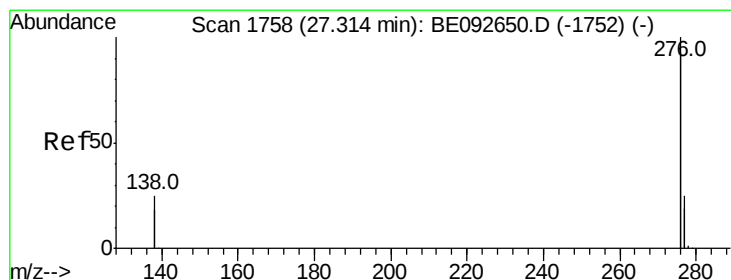
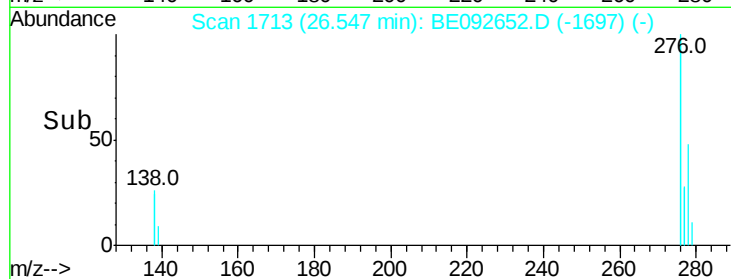
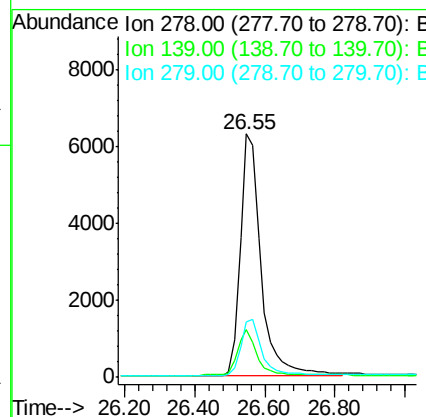
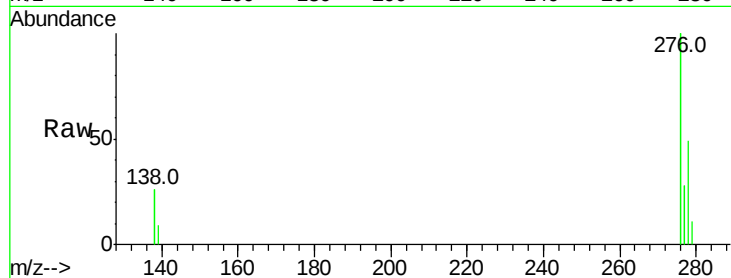


#35
Dibenzo(a,h)anthracene
Concen: 1.70 ng
RT: 26.55 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 25750

Ion	Ratio	Lower	Upper
278	100		
139	19.5	13.8	20.8
279	23.0	21.4	32.2



#36
Benzo(g,h,i)perylene
Concen: 1.64 ng
RT: 27.30 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion:276 Resp: 106358

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.8	29.8
138	22.7	19.8	29.6

