

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011617\
 Data File : BE092656.D
 Acq On : 16 Jan 2017 17:42
 Operator : UM/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 16 18:33:43 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 18:23:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10567	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	47413	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	31232	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	70211	5.00	ng	0.00
24) Chrysene-d12	21.72	240	78239	5.00	ng	0.00
31) Perylene-d12	24.07	264	82109	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.66	112	761	0.32	ng	0.00
5) Phenol-d6	7.33	99	916	0.32	ng	0.00
8) Nitrobenzene-d5	9.34	82	1020	0.33	ng	0.00
13) 2,4,6-Tribromophenol	16.29	330	265	0.41	ng	0.00
14) 2-Fluorobiphenyl	13.42	172	2843	0.37	ng	0.00
26) Terphenyl-d14	20.16	244	3728	0.34	ng	0.00

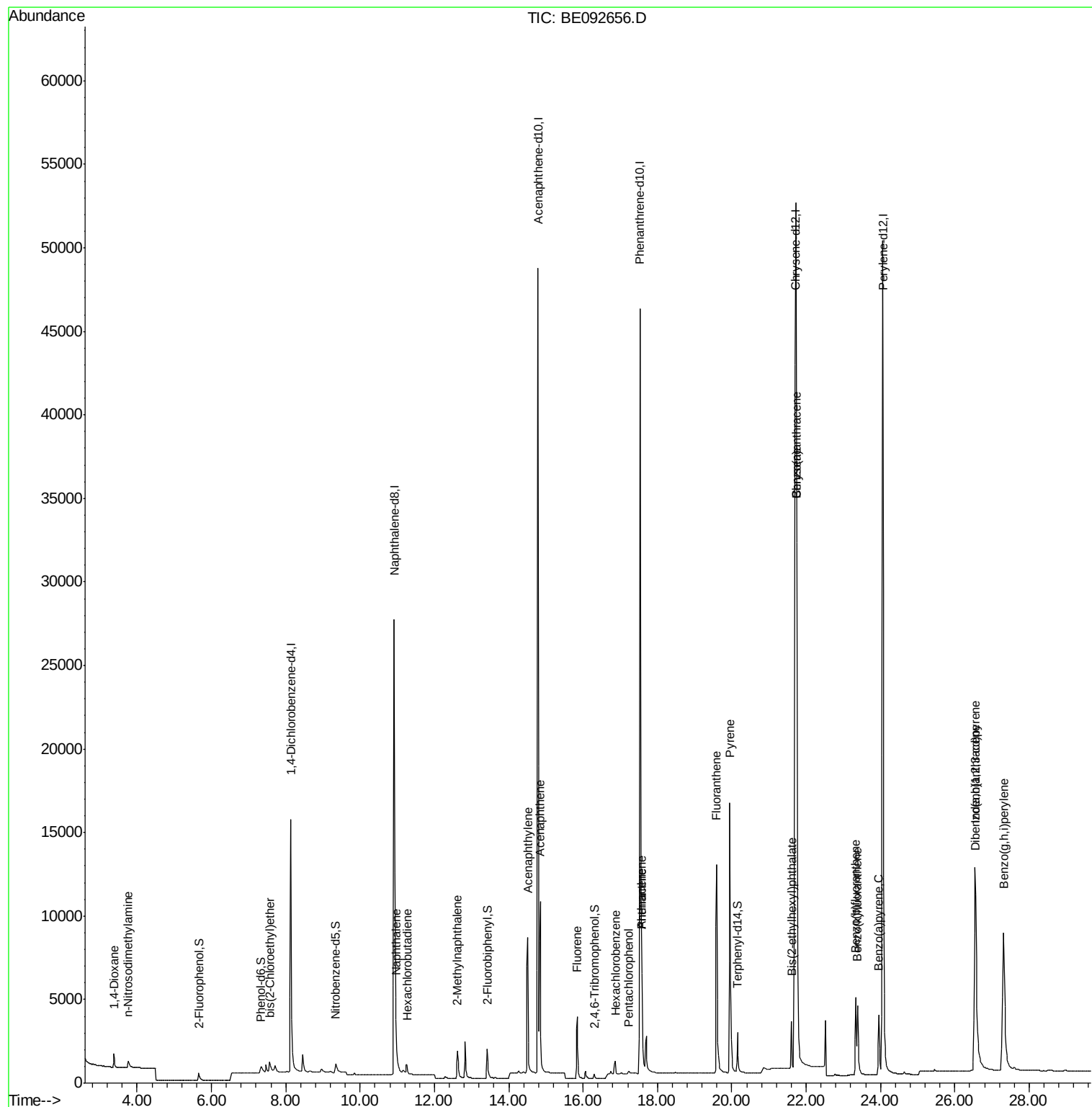
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	661	0.40	ng	94
3) n-Nitrosodimethylamine	3.76	42	604	0.32	ng	# 97
6) bis(2-Chloroethyl)ether	7.57	93	1028	0.33	ng	# 85
9) Naphthalene	10.97	128	3793	0.38	ng	99
10) Hexachlorobutadiene	11.26	225	560	0.38	ng	97
11) 2-Methylnaphthalene	12.61	142	2202	0.36	ng	99
15) Acenaphthylene	14.51	152	15361	0.36	ng	99
16) Acenaphthene	14.85	154	2608	0.38	ng	95
17) Fluorene	15.84	166	3136	0.36	ng	99
19) Hexachlorobenzene	16.87	284	2190	0.88	ng	# 55
20) Pentachlorophenol	17.23	266	217	0.30	ng	94
21) Phenanthrene	17.58	178	6006	0.39	ng	96
22) Anthracene	17.58	178	6006	0.42	ng	98
23) Fluoranthene	19.59	202	24868	0.36	ng	99
25) Pyrene	19.95	202	26121	0.34	ng	100
27) Benzo(a)anthracene	21.75	228	57366	0.74	ng	97
28) Chrysene	21.75	228	57606	0.66	ng	# 77
29) Bis(2-ethylhexyl)phthalate	21.61	149	3357	0.42	ng	# 73
30) Indeno(1,2,3-cd)pyrene	26.55	276	30864	0.33	ng	97
32) Benzo(b)fluoranthene	23.34	252	6530	0.33	ng	99
33) Benzo(k)fluoranthene	23.38	252	7735	0.39	ng	97
34) Benzo(a)pyrene	23.95	252	6518	0.35	ng	100
35) Dibenzo(a,h)anthracene	26.56	278	6203	0.34	ng	# 96
36) Benzo(g,h,i)perylene	27.31	276	26702	0.35	ng	97

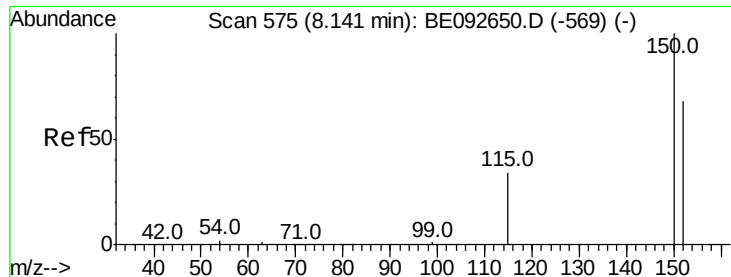
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092656.D

Acq: 16 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

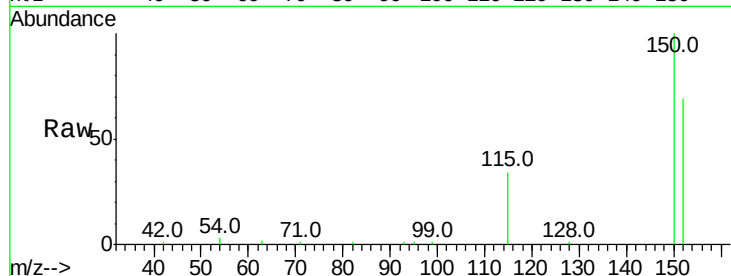
Tot Ion:152 Resp: 10567

Ion Ratio Lower Upper

152 100

150 144.9 106.0 159.0

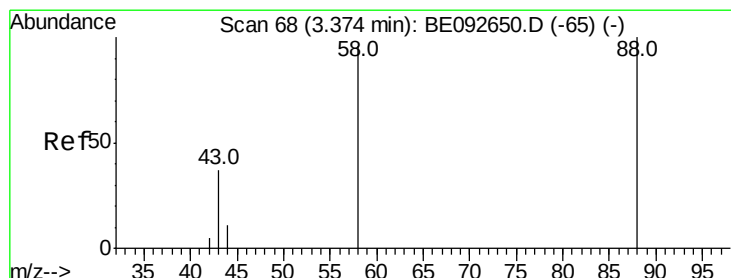
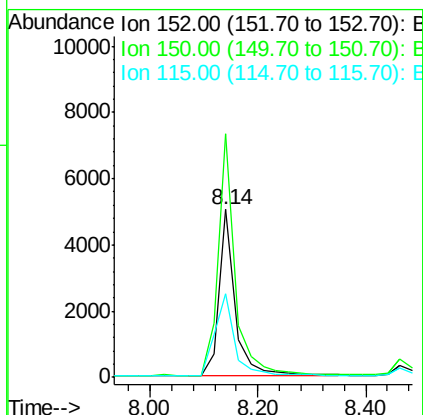
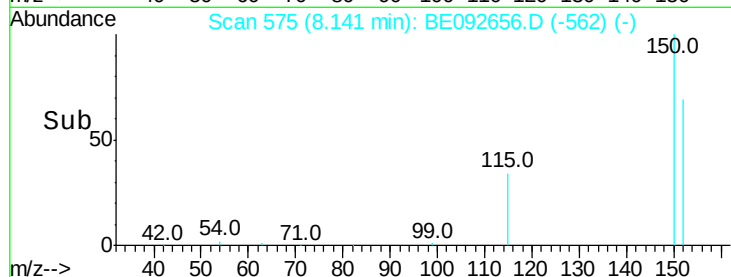
115 49.6 31.2 46.8#



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: 0.40 ng

RT: 3.38 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE092656.D

Acq: 16 Jan 2017 17:42

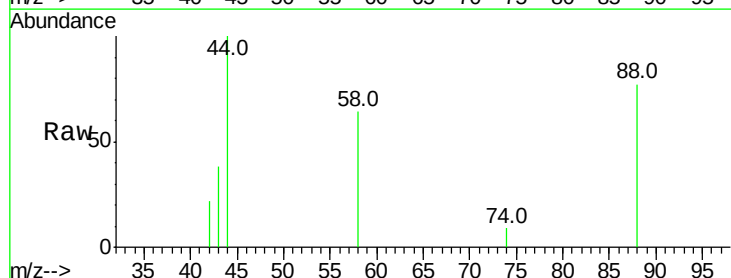
Tgt Ion: 88 Resp: 661

Ion Ratio Lower Upper

88 100

58 72.2 63.6 95.4

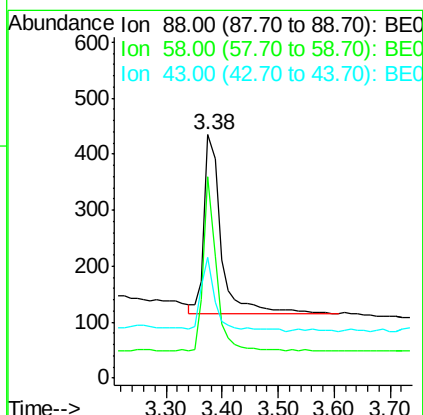
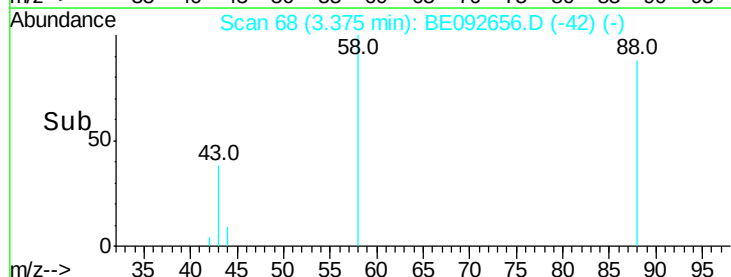
43 35.6 28.0 42.0

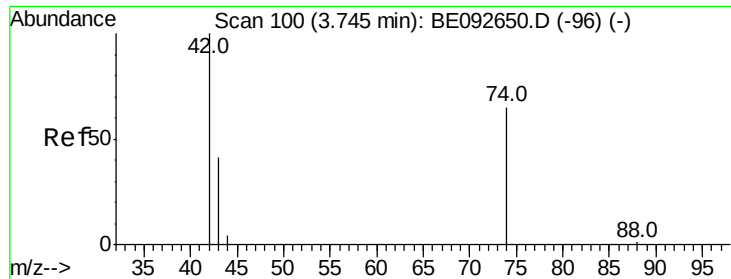


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



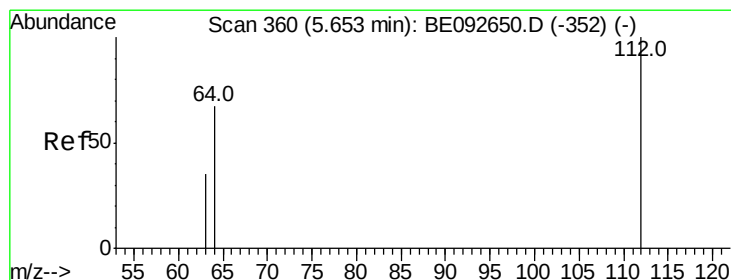
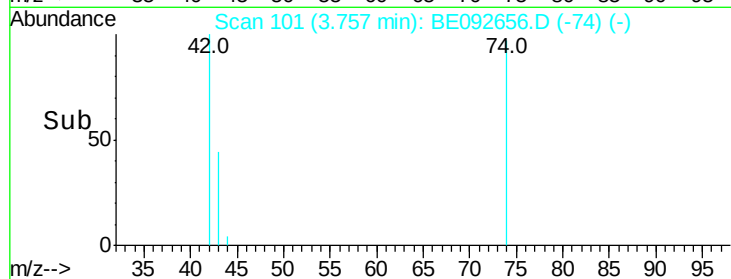
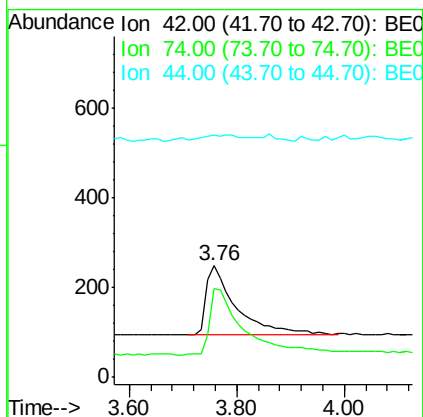
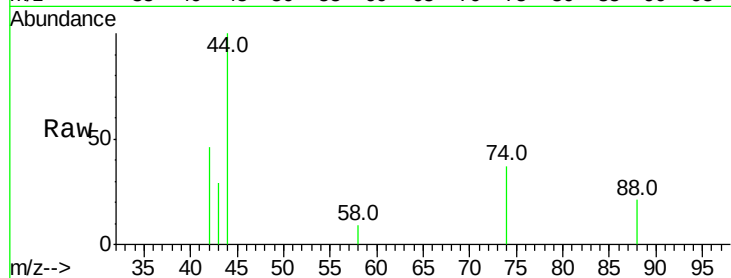


#3

n-Nitrosodimethylamine
Concen: 0.32 ng
RT: 3.76 min Scan# 101
Delta R.T. 0.01 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :

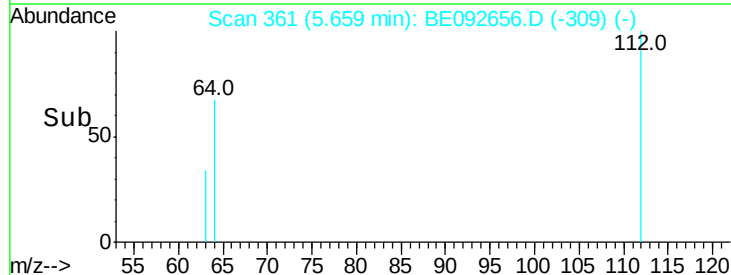
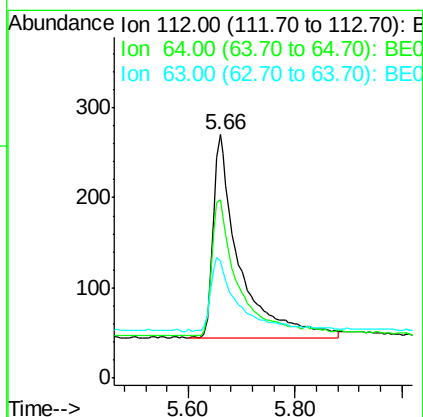
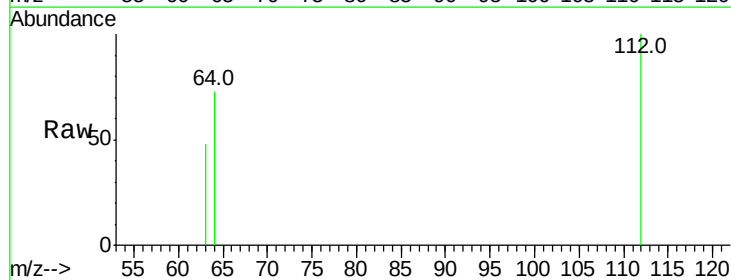
Tot Ion: 42 Resp: 604
Ion Ratio Lower Upper
42 100
74 110.1 86.0 129.0
44 0.0 5.1 7.7#

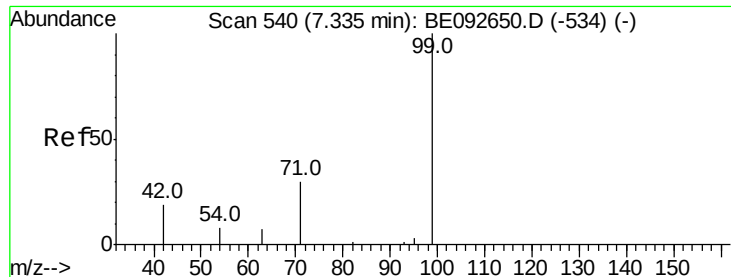


#4

2-Fluorophenol
Concen: 0.32 ng
RT: 5.66 min Scan# 361
Delta R.T. 0.01 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion: 112 Resp: 761
Ion Ratio Lower Upper
112 100
64 66.5 53.5 80.3
63 35.2 27.9 41.9





#5

Phenol-d6

Concen: 0.32 ng

RT: 7.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: BE092656.D

Acq: 16 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

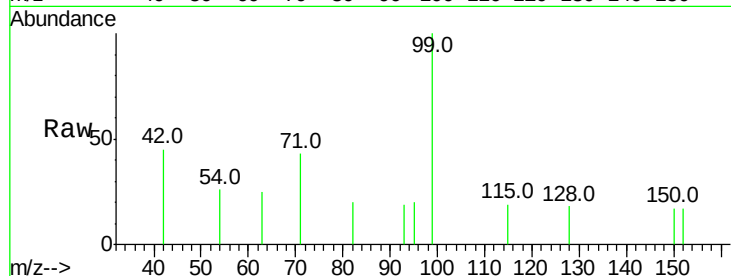
Tot Ion: 99 Resp: 916

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

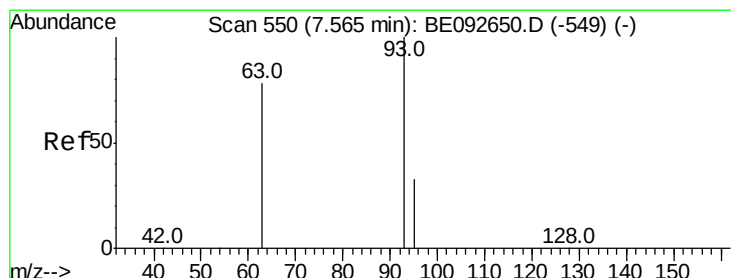
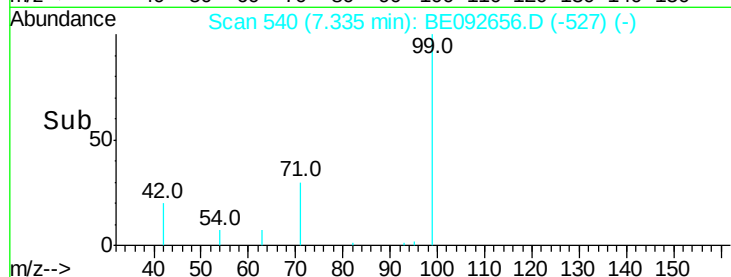
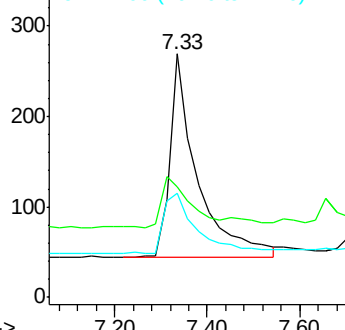
71 38.0 30.6 45.8



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



#6

bis(2-Chloroethyl)ether

Concen: 0.33 ng

RT: 7.57 min Scan# 550

Delta R.T. 0.00 min

Lab File: BE092656.D

Acq: 16 Jan 2017 17:42

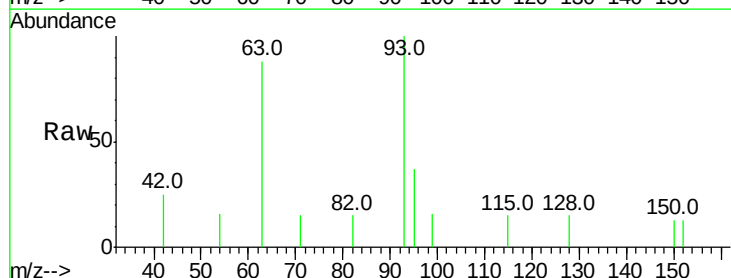
Tgt Ion: 93 Resp: 1028

Ion Ratio Lower Upper

93 100

63 71.4 71.6 107.4#

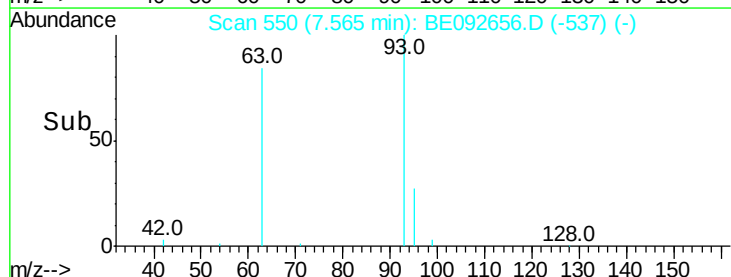
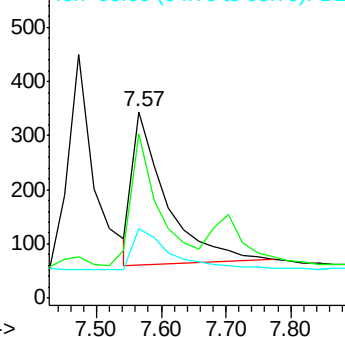
95 30.4 24.0 36.0

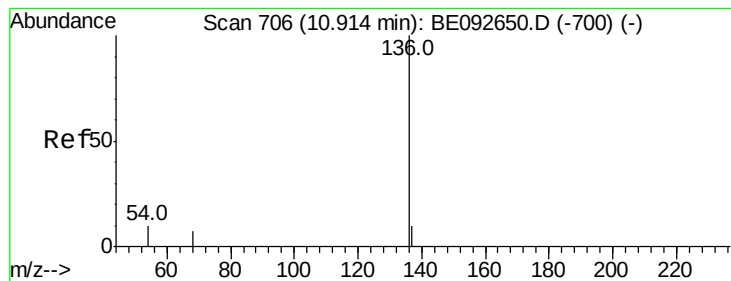


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092656.D

Acq: 16 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 47413

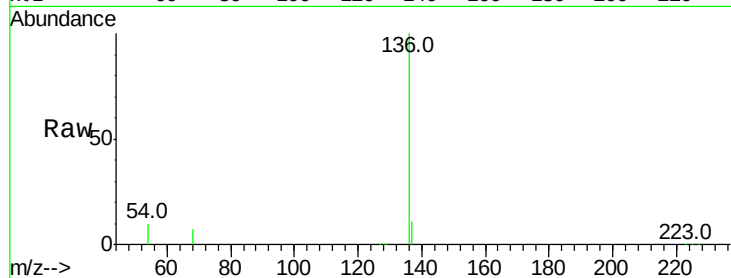
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.4

54 9.7 9.6 14.4

68 6.8 6.7 10.1

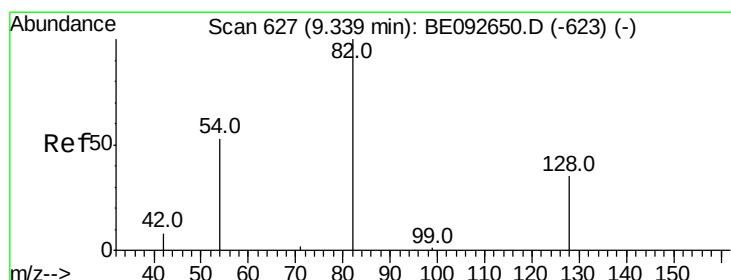
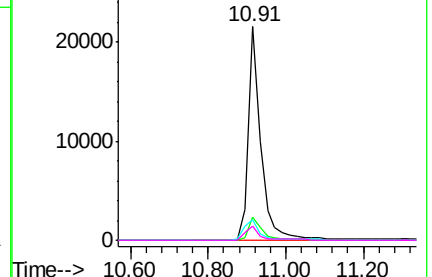
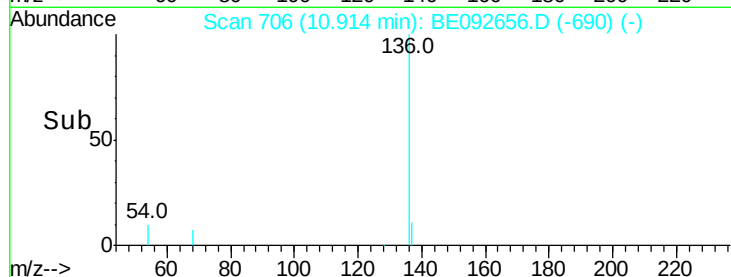


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.33 ng

RT: 9.34 min Scan# 627

Delta R.T. 0.00 min

Lab File: BE092656.D

Acq: 16 Jan 2017 17:42

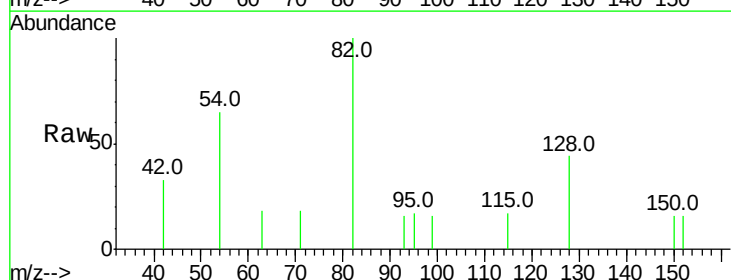
Tgt Ion: 82 Resp: 1020

Ion Ratio Lower Upper

82 100

128 44.3 39.0 58.4

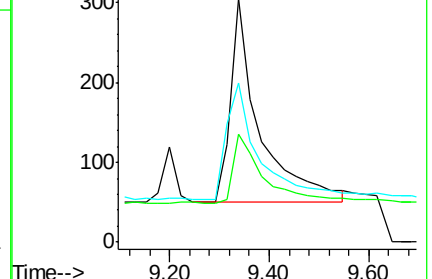
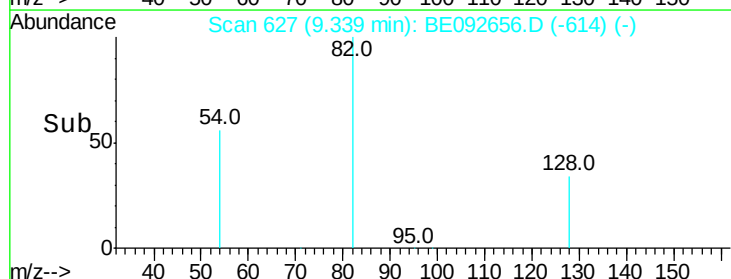
54 65.2 44.8 67.2

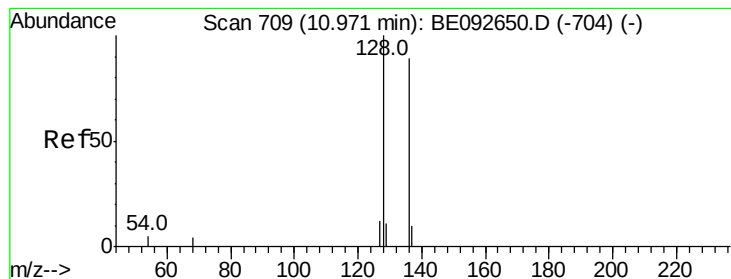


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.38 ng

RT: 10.97 min Scan# 709

Delta R.T. 0.00 min

Lab File: BE092656.D

Acq: 16 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

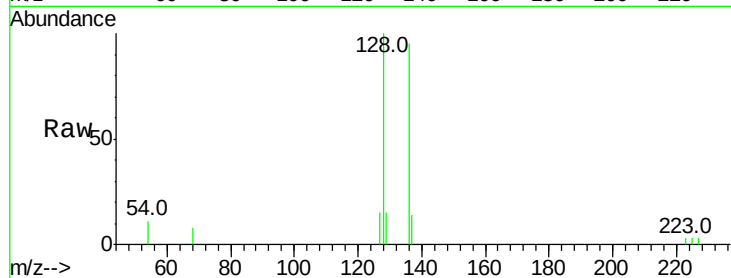
Tot Ion:128 Resp: 3793

Ion Ratio Lower Upper

128 100

129 14.6 11.2 16.8

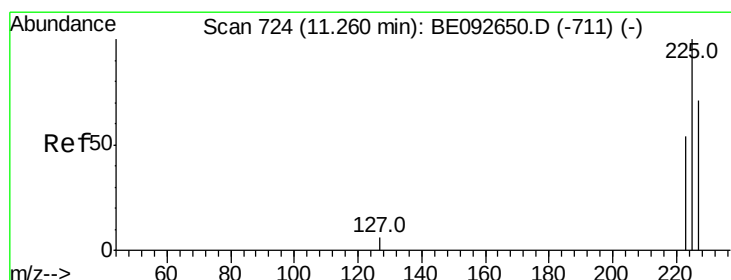
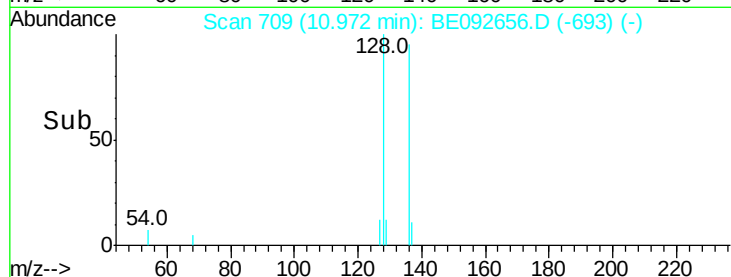
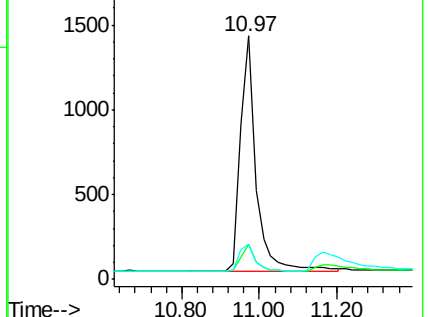
127 14.6 11.6 17.4



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: BE092656.D

Acq: 16 Jan 2017 17:42

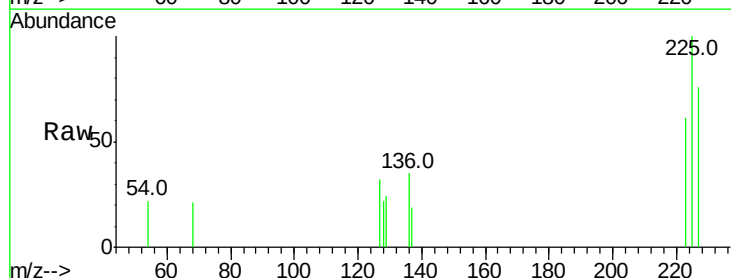
Tgt Ion:225 Resp: 560

Ion Ratio Lower Upper

225 100

223 61.8 50.6 76.0

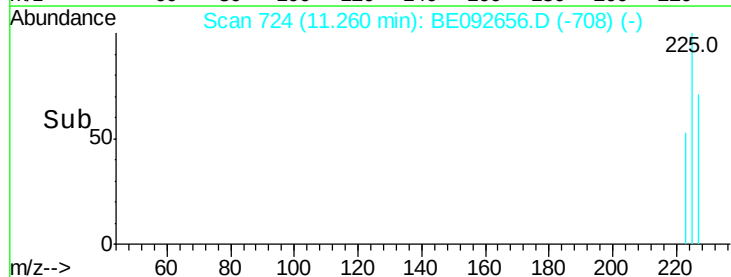
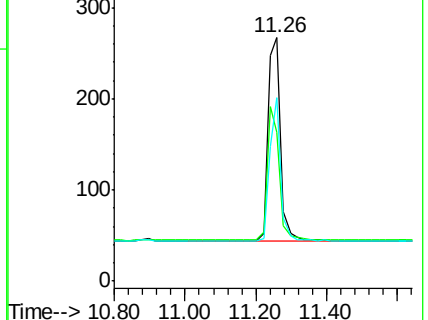
227 61.8 51.4 77.0

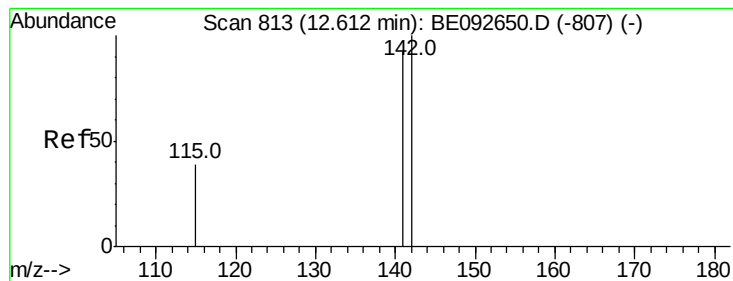


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.36 ng

RT: 12.61 min Scan# 813

Delta R.T. 0.00 min

Lab File: BE092656.D

Acq: 16 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

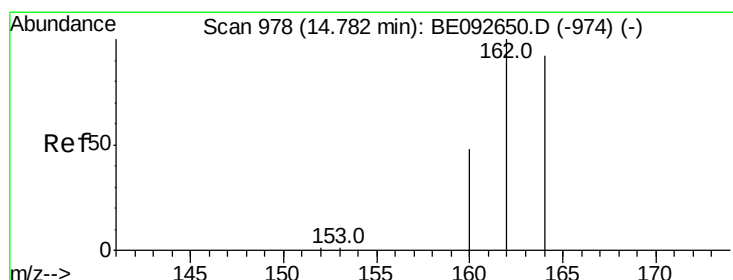
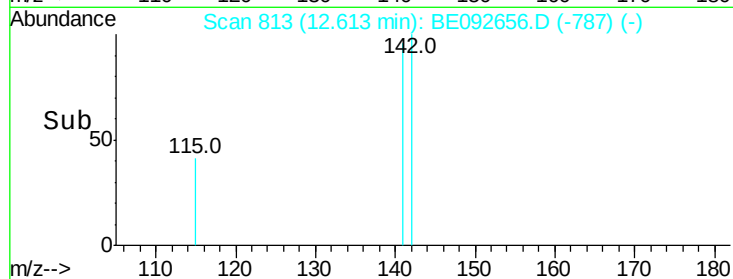
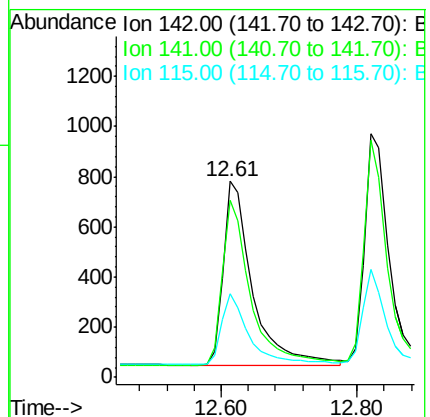
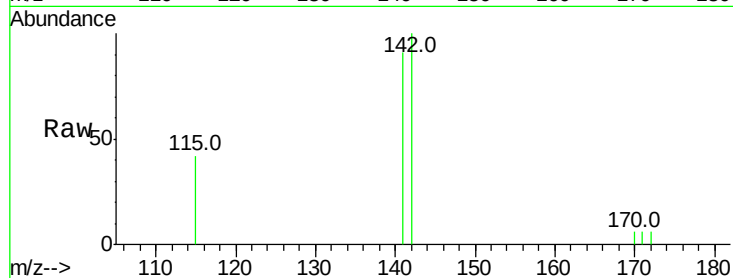
Tot Ion:142 Resp: 2202

Ion Ratio Lower Upper

142 100

141 90.7 73.7 110.5

115 42.4 34.0 51.0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.78 min Scan# 978

Delta R.T. 0.00 min

Lab File: BE092656.D

Acq: 16 Jan 2017 17:42

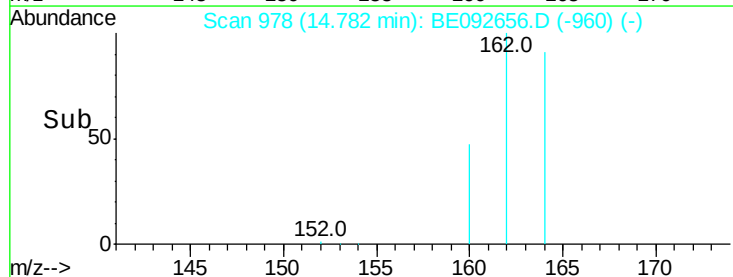
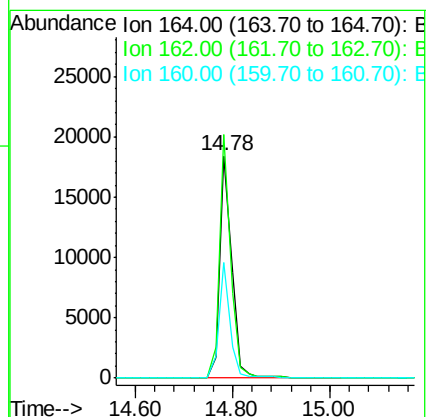
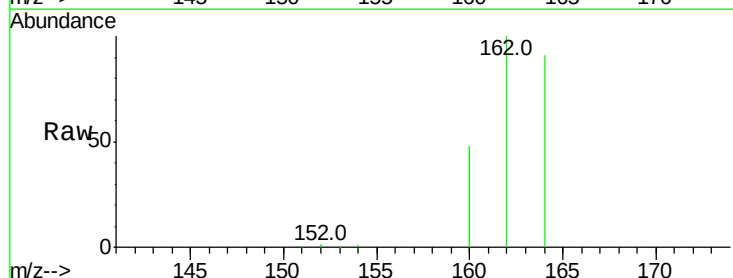
Tgt Ion:164 Resp: 31232

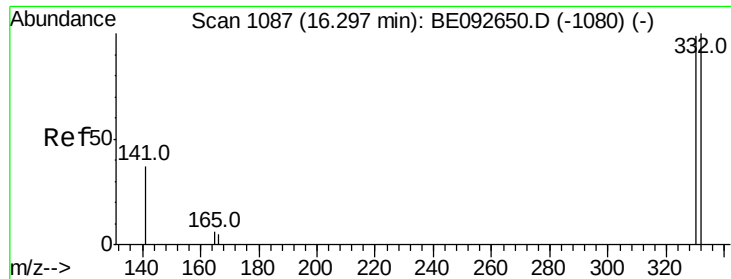
Ion Ratio Lower Upper

164 100

162 109.6 71.4 107.0#

160 52.2 27.4 41.2#

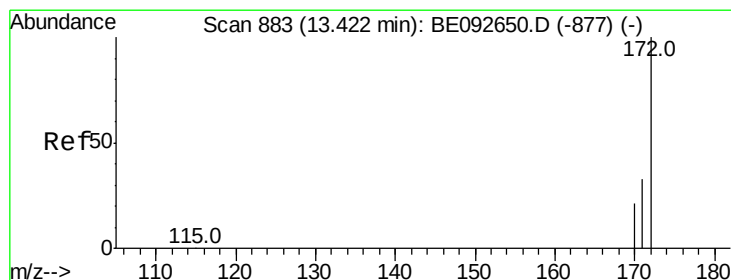
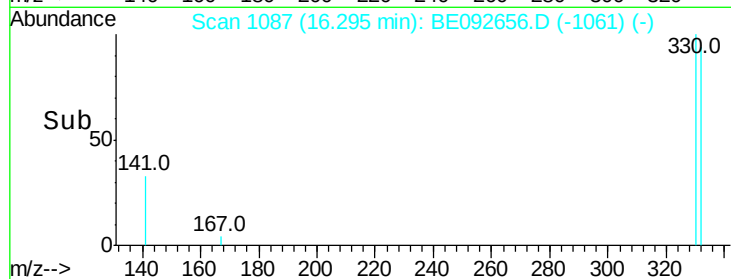
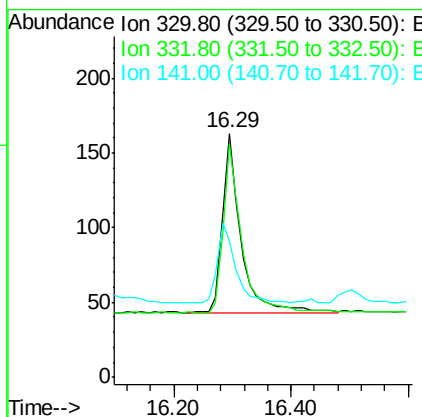
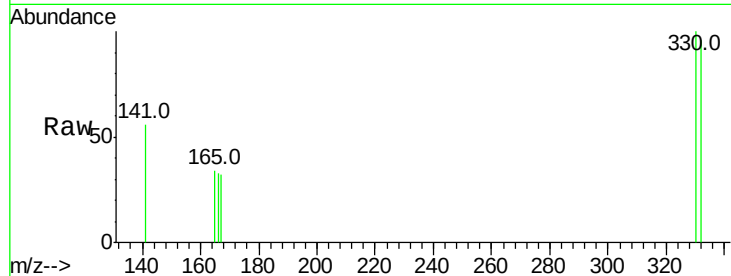




#13
 2,4,6-Tribromophenol
 Concen: 0.41 ng
 RT: 16.29 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BE092656.D
 Acq: 16 Jan 2017 17:42

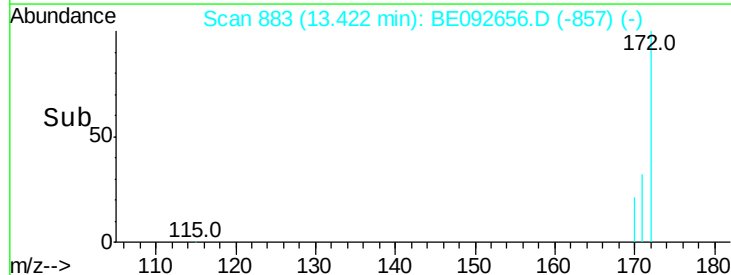
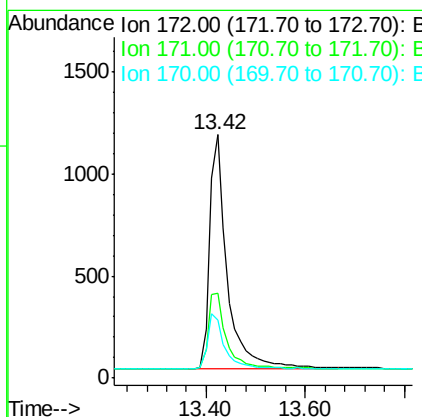
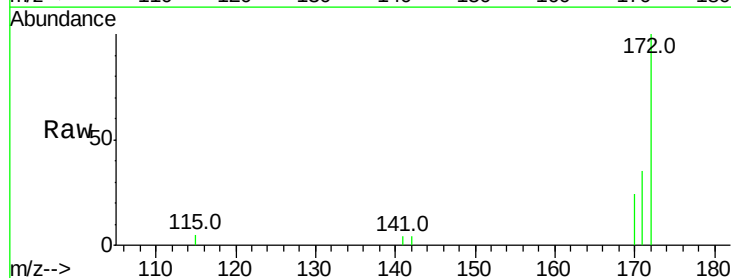
Instrument :
 BNA_E
 ClientSampled :

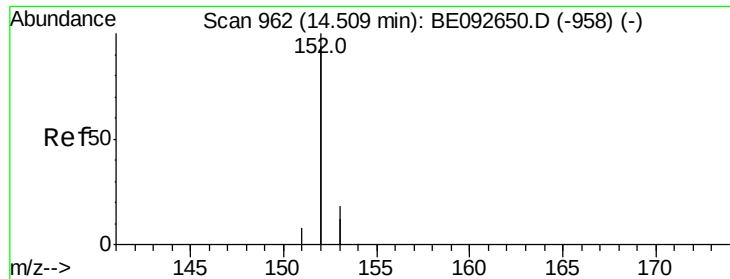
Tot Ion:330 Resp: 265
 Ion Ratio Lower Upper
 330 100
 332 92.5 75.4 113.0
 141 41.5 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.37 ng
 RT: 13.42 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BE092656.D
 Acq: 16 Jan 2017 17:42

Tgt Ion:172 Resp: 2843
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.1 45.1
 170 23.9 21.8 32.6

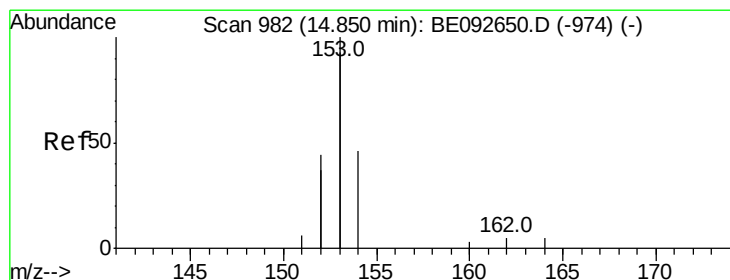
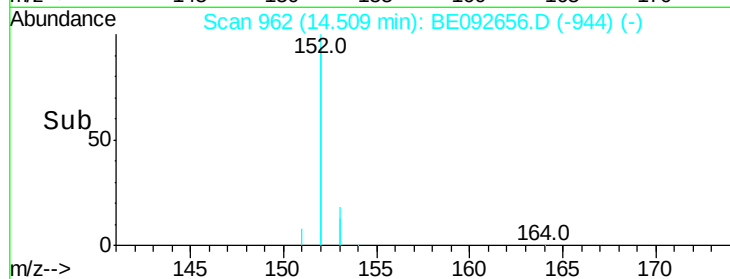
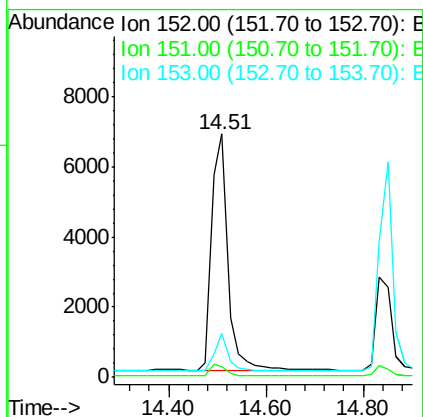
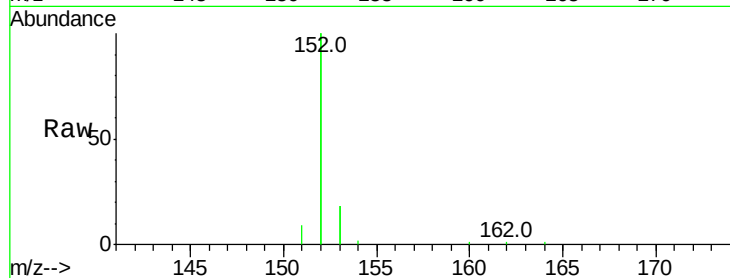




#15
Acenaphthylene
Concen: 0.36 ng
RT: 14.51 min Scan# 962
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

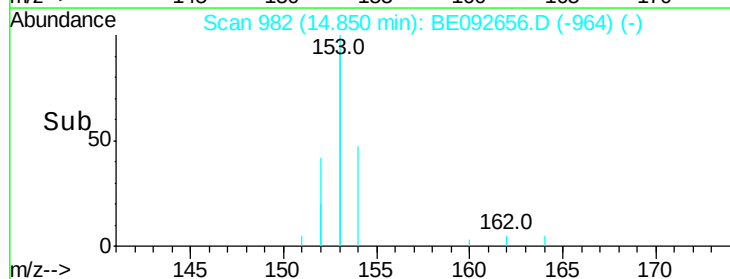
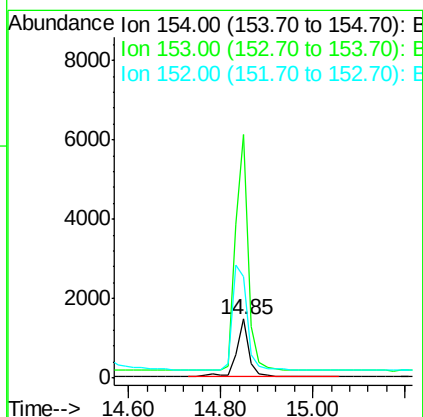
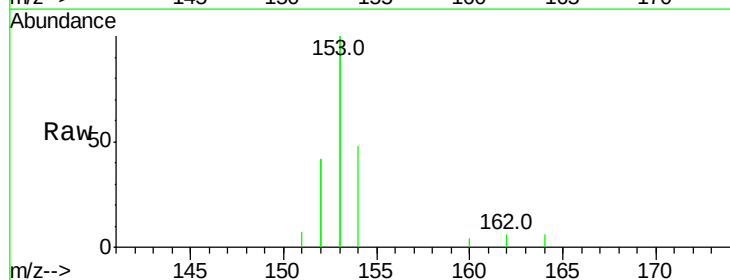
Instrument :
BNA_E
ClientSampleId :

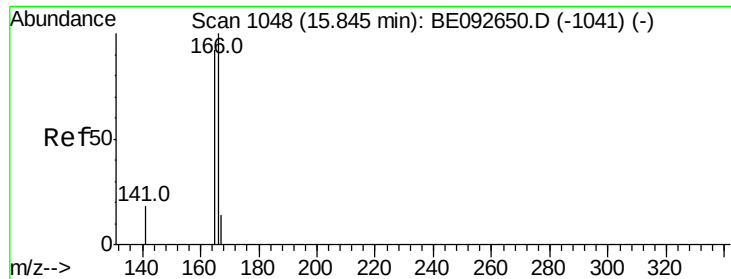
Tot Ion:152 Resp: 15361
Ion Ratio Lower Upper
152 100
151 4.9 3.9 5.9
153 13.3 10.4 15.6



#16
Acenaphthene
Concen: 0.38 ng
RT: 14.85 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion:154 Resp: 2608
Ion Ratio Lower Upper
154 100
153 444.4 350.8 526.2
152 230.6 171.1 256.7

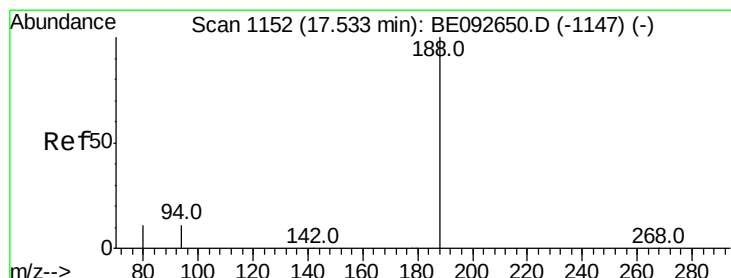
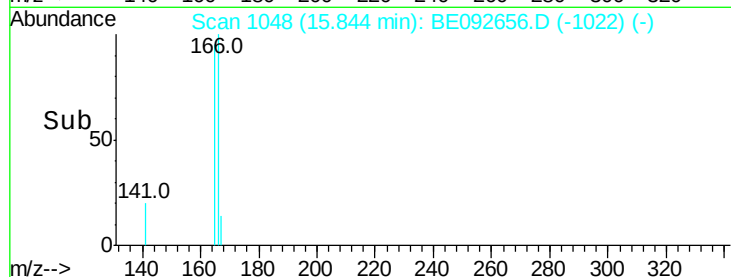
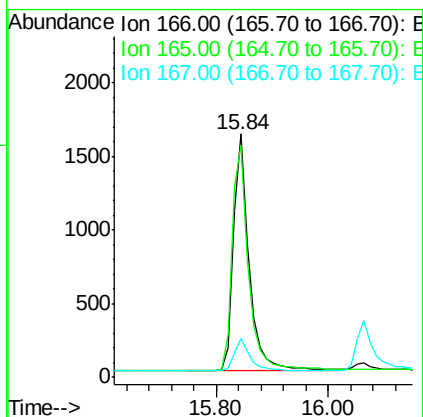
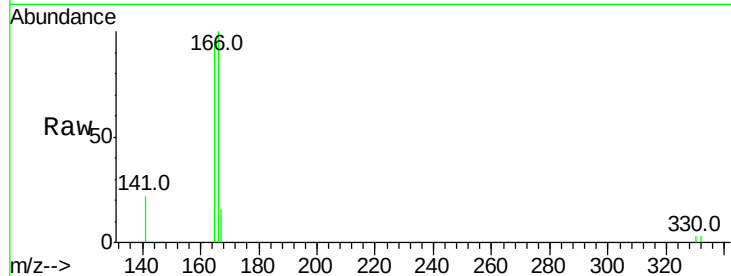




#17
Fluorene
 Concen: 0.36 ng
 RT: 15.84 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BE092656.D
 Acq: 16 Jan 2017 17:42

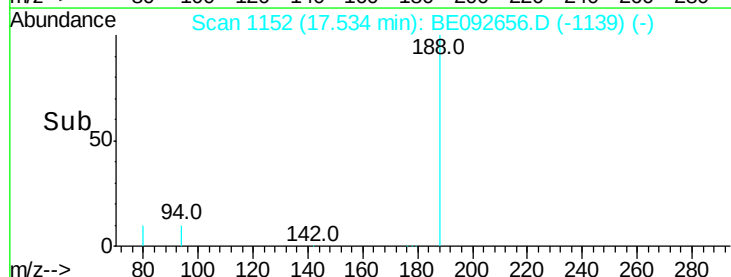
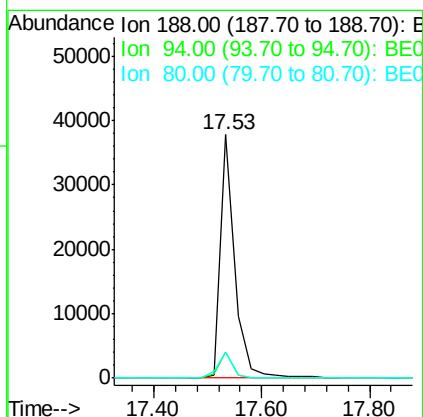
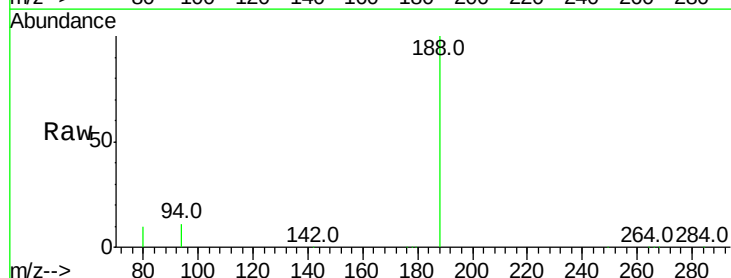
Instrument :
 BNA_E
 ClientSampleId :

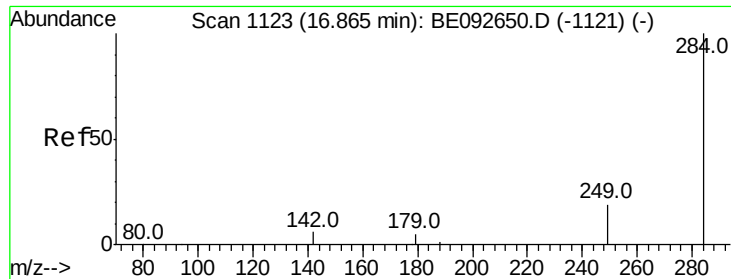
Tot Ion:166 Resp: 3136
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.2 117.4
 167 13.5 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.53 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BE092656.D
 Acq: 16 Jan 2017 17:42

Tgt Ion:188 Resp: 70211
 Ion Ratio Lower Upper
 188 100
 94 10.6 3.2 4.8#
 80 10.5 2.6 3.8#

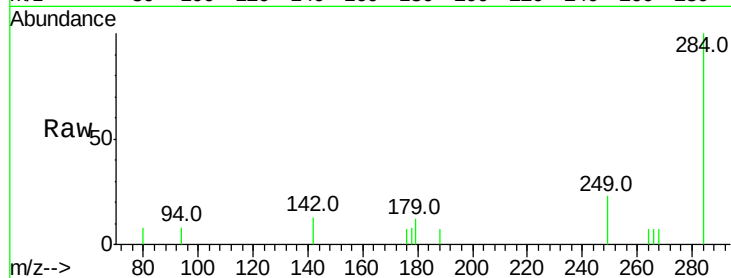




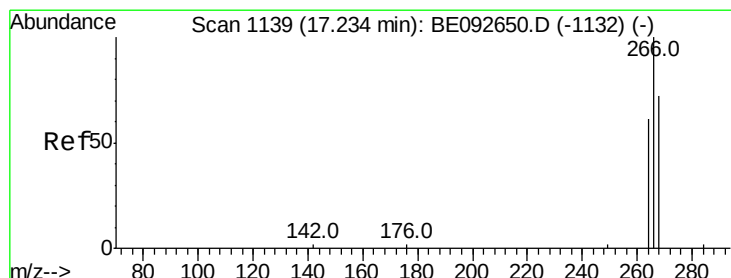
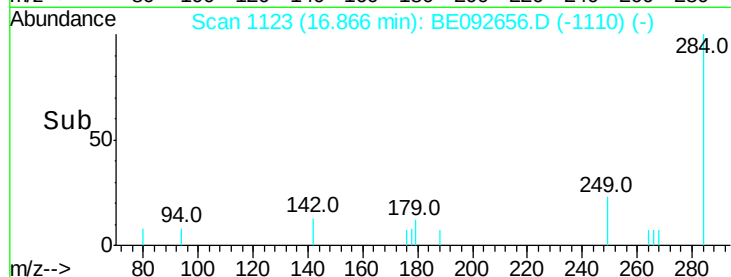
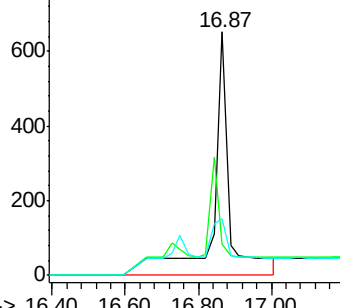
#19
Hexachlorobenzene
Concen: 0.88 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 2190
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 18.8 27.9 41.9#

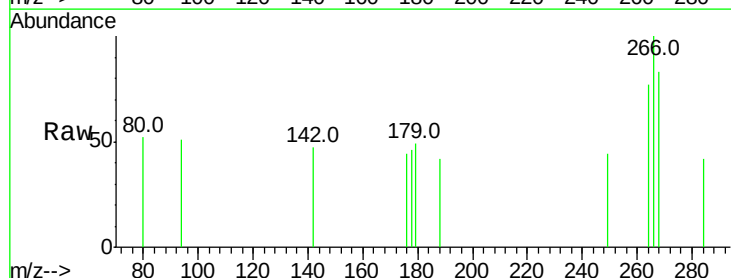


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

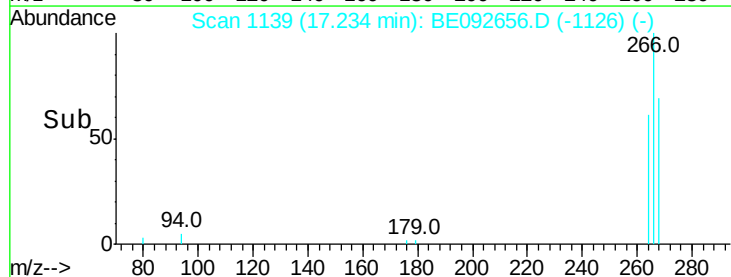
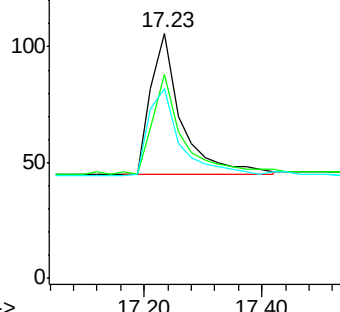


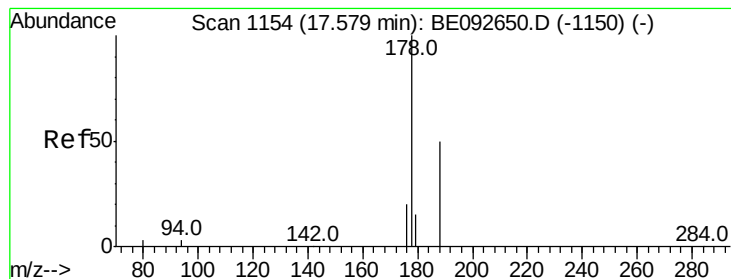
#20
Pentachlorophenol
Concen: 0.30 ng
RT: 17.23 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion:266 Resp: 217
Ion Ratio Lower Upper
266 100
268 83.0 62.5 93.7
264 77.4 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: 0.39 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092656.D

Acq: 16 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

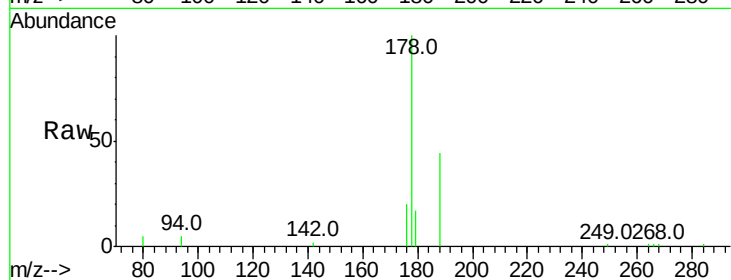
Tot Ion:178 Resp: 6006

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

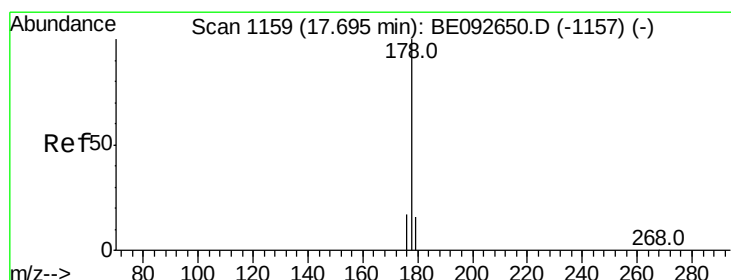
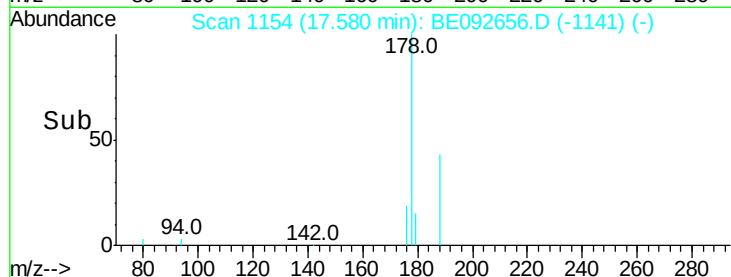
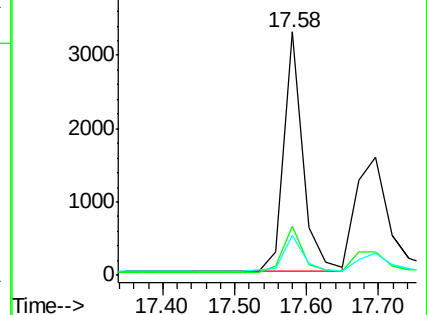
179 16.3 16.0 24.0



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: 0.42 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.11 min

Lab File: BE092656.D

Acq: 16 Jan 2017 17:42

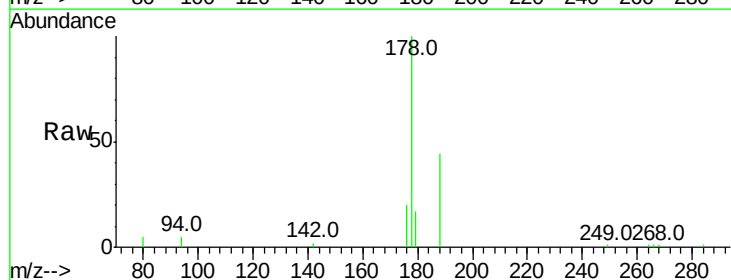
Tgt Ion:178 Resp: 6006

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

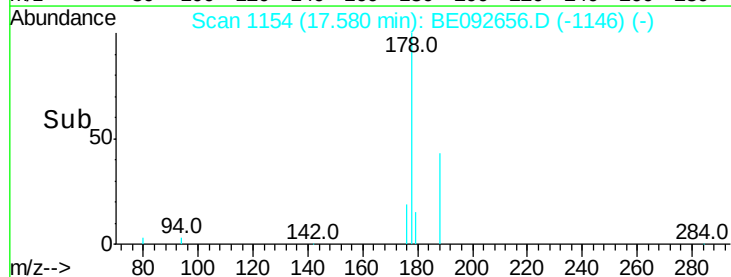
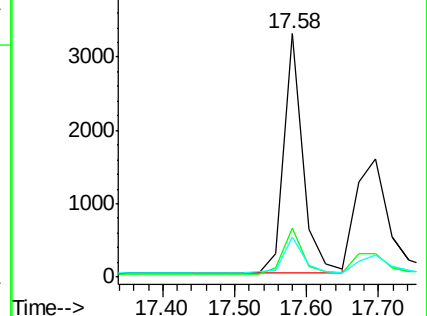
179 16.3 12.2 18.2

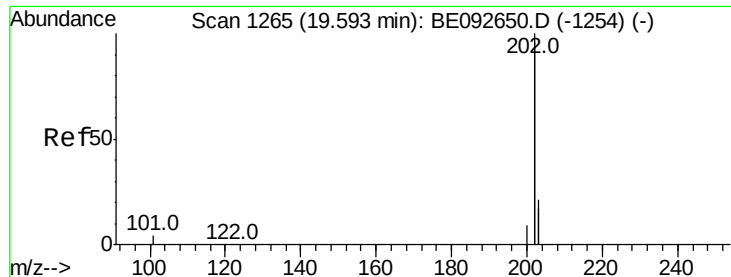


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.36 ng

RT: 19.59 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE092656.D

Acq: 16 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

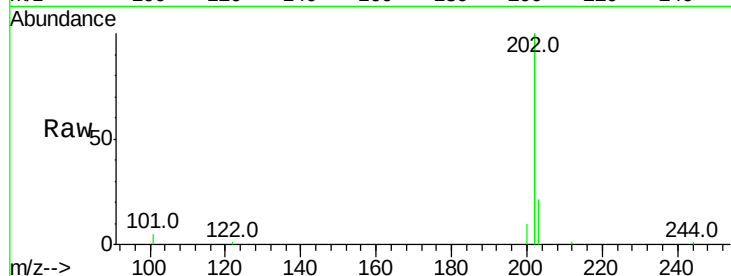
Tot Ion:202 Resp: 24868

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

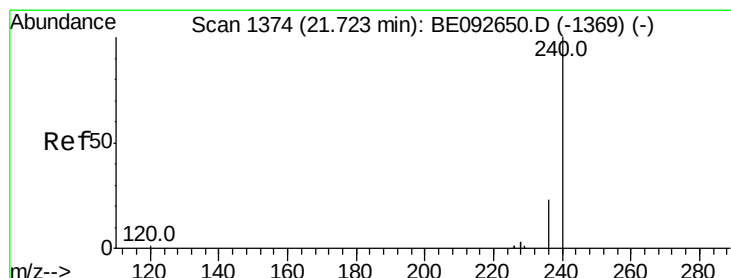
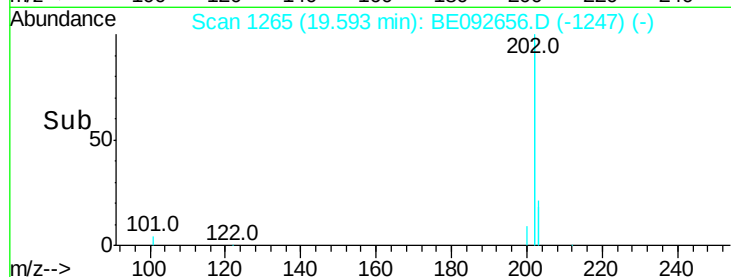
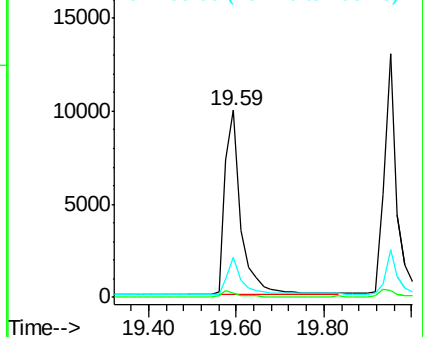
203 17.4 13.7 20.5



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: BE092656.D

Acq: 16 Jan 2017 17:42

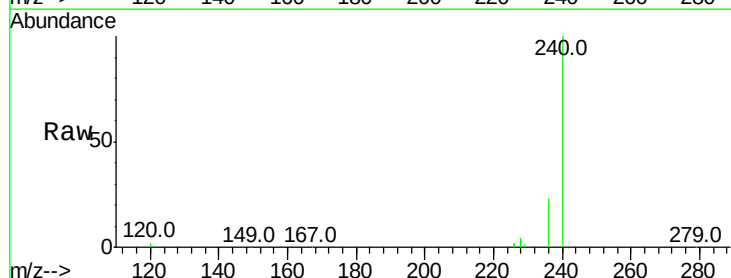
Tgt Ion:240 Resp: 78239

Ion Ratio Lower Upper

240 100

120 1.6 2.6 4.0#

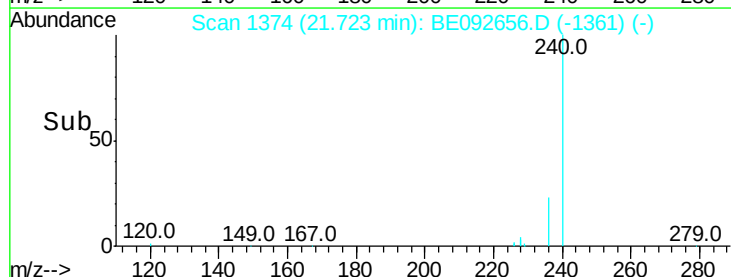
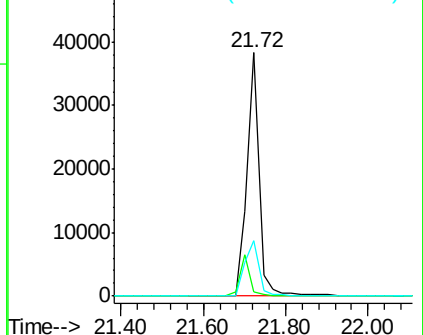
236 22.8 24.6 37.0#

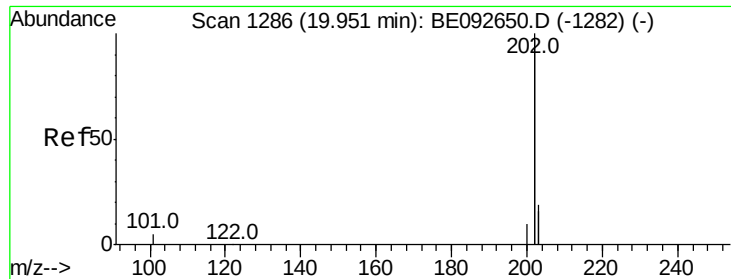


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

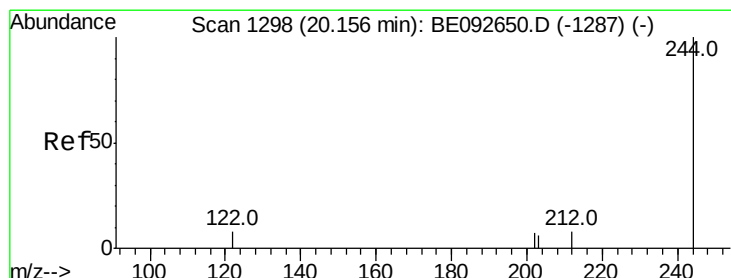
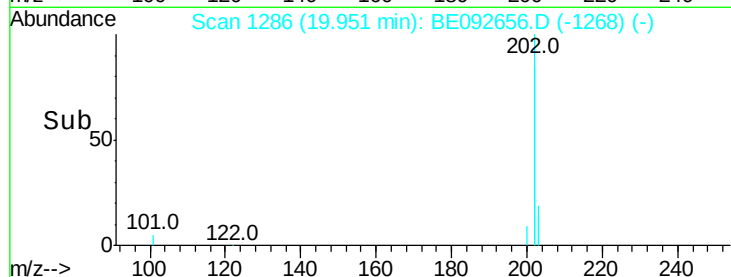
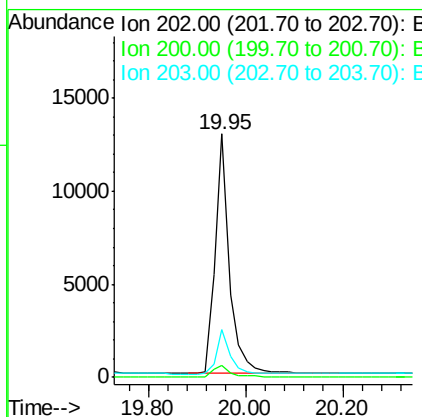
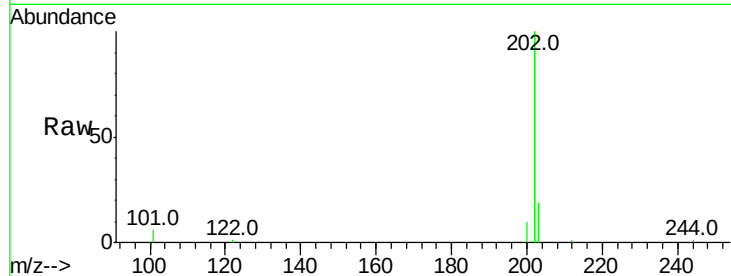




#25
Pvrene
Concen: 0.34 ng
RT: 19.95 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

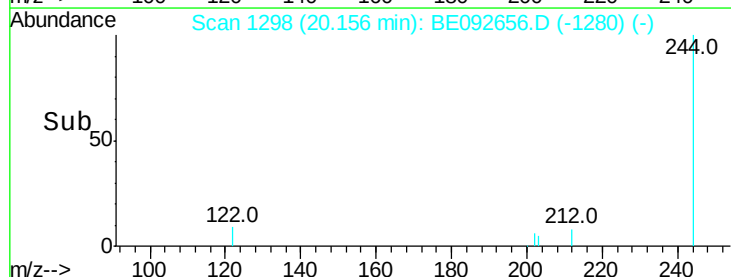
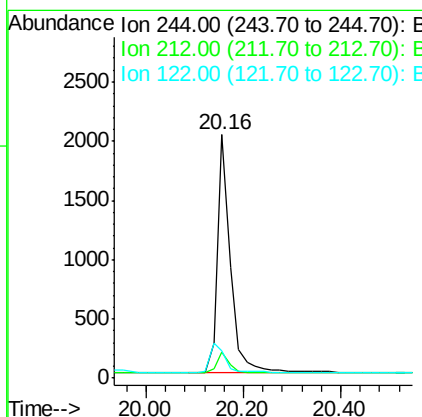
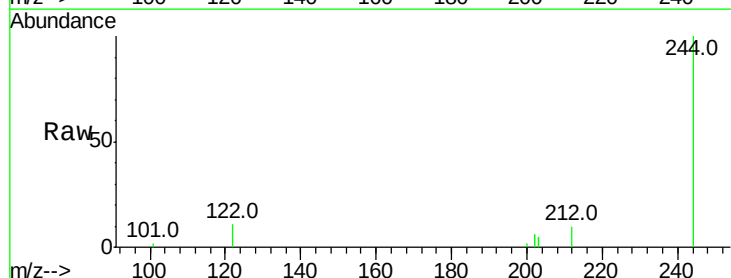
Instrument :
BNA_E
ClientSampleId :

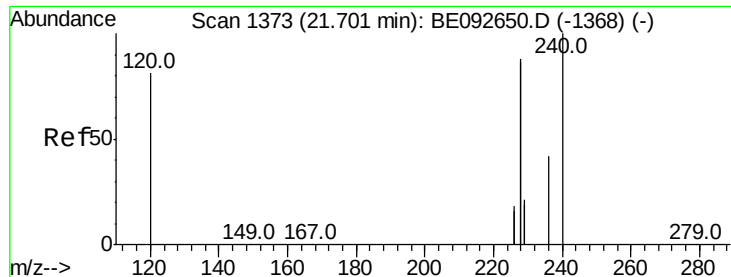
Tot Ion:202 Resp: 26121
Ion Ratio Lower Upper
202 100
200 5.3 4.2 6.4
203 17.4 13.9 20.9



#26
Terphenyl-d14
Concen: 0.34 ng
RT: 20.16 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion:244 Resp: 3728
Ion Ratio Lower Upper
244 100
212 10.4 6.7 10.1#
122 10.9 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.74 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.05 min

Lab File: BE092656.D

Acq: 16 Jan 2017 17:42

Instrument :

BNA_E

ClientSampled :

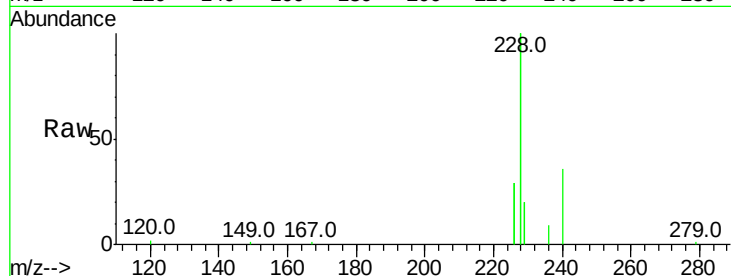
Tot Ion:228 Resp: 57366

Ion Ratio Lower Upper

228 100

226 28.8 23.6 35.4

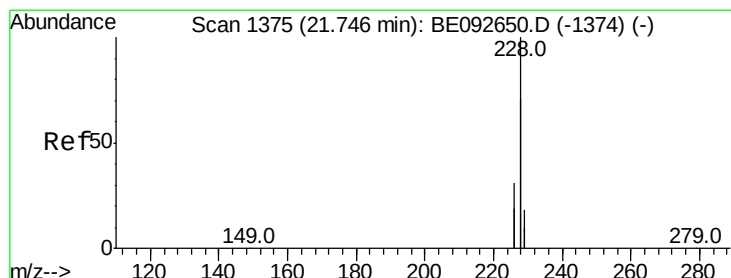
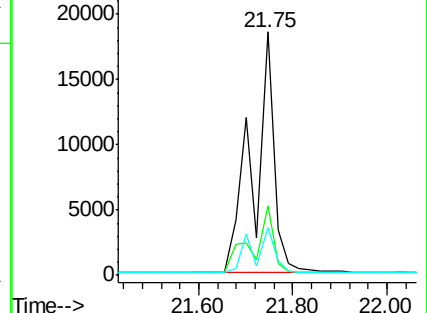
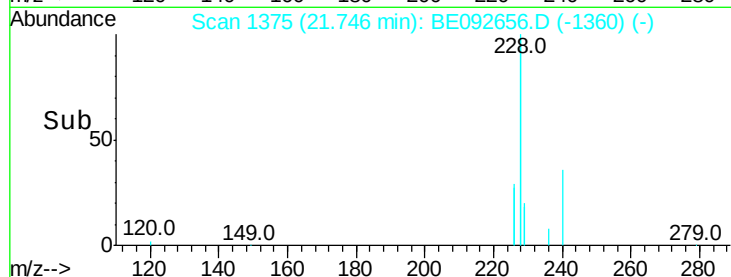
229 19.7 13.3 19.9



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: 0.66 ng

RT: 21.75 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE092656.D

Acq: 16 Jan 2017 17:42

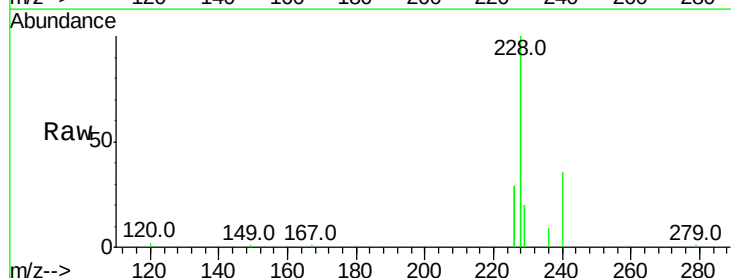
Tgt Ion:228 Resp: 57606

Ion Ratio Lower Upper

228 100

226 28.8 36.3 54.5#

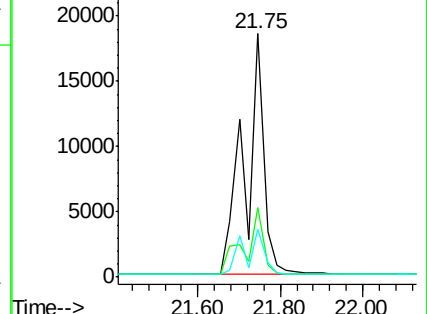
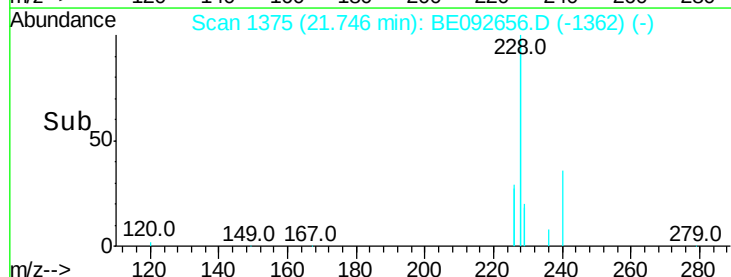
229 19.7 10.6 16.0#

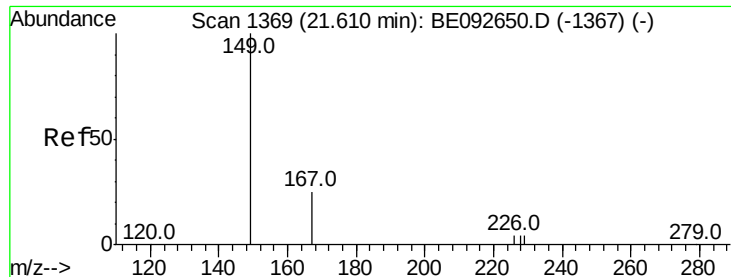


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.42 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BE092656.D

Acq: 16 Jan 2017 17:42

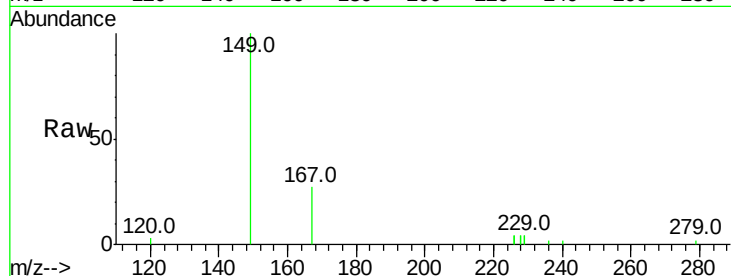
Instrument :

BNA_E

ClientSampleId :

Tot Ion:149 Resp: 3357

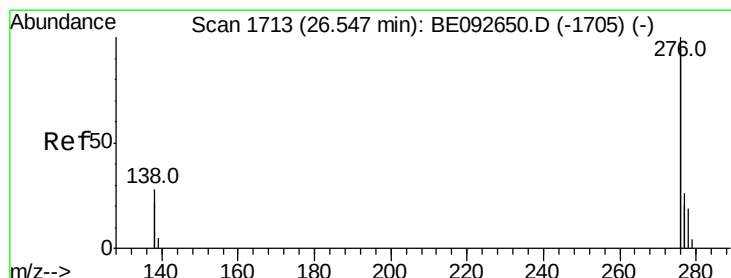
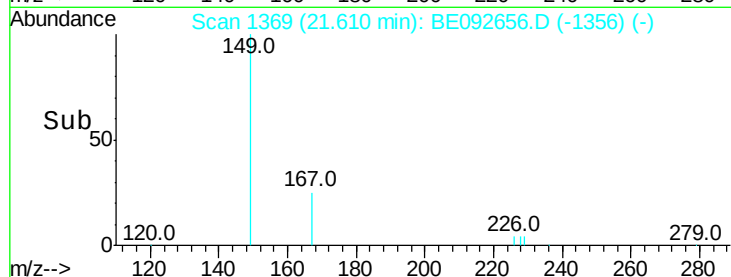
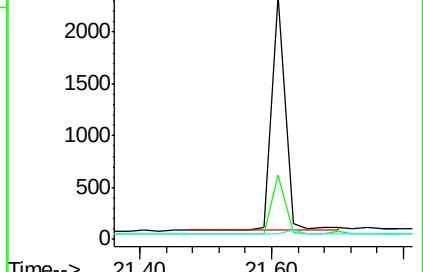
Ion	Ratio	Lower	Upper
149	100		
167	24.6	16.0	24.0#
279	0.0	16.0	24.0#



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: 0.33 ng

RT: 26.55 min Scan# 1713

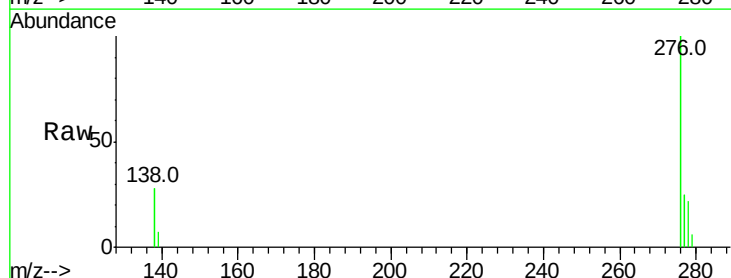
Delta R.T. 0.00 min

Lab File: BE092656.D

Acq: 16 Jan 2017 17:42

Tgt Ion:276 Resp: 30864

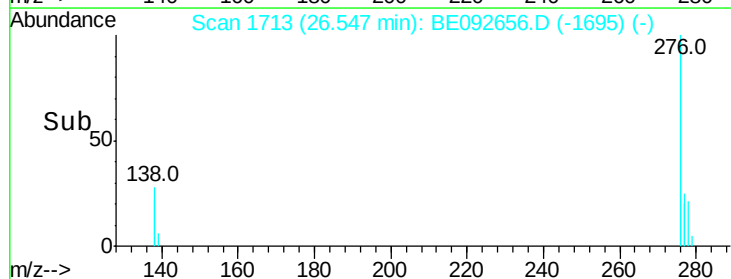
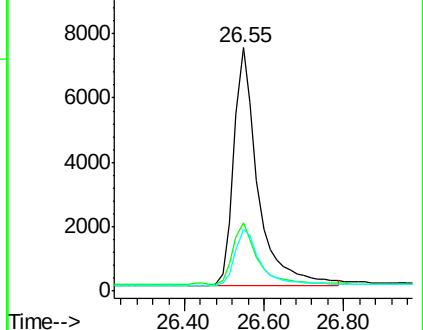
Ion	Ratio	Lower	Upper
276	100		
138	27.8	20.3	30.5
277	24.5	19.7	29.5

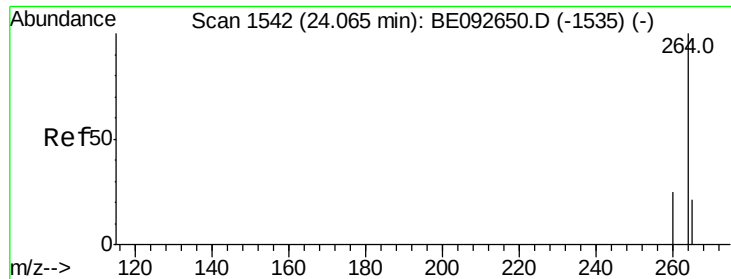


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

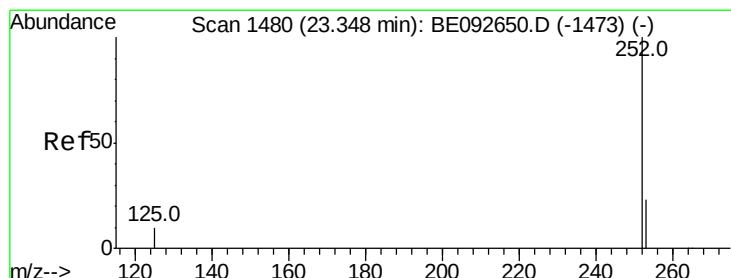
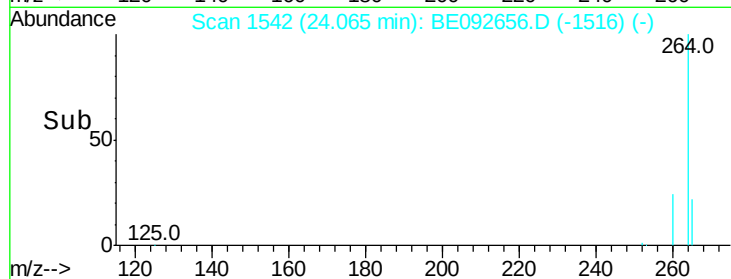
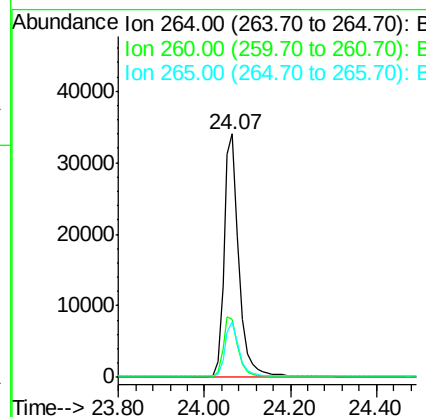
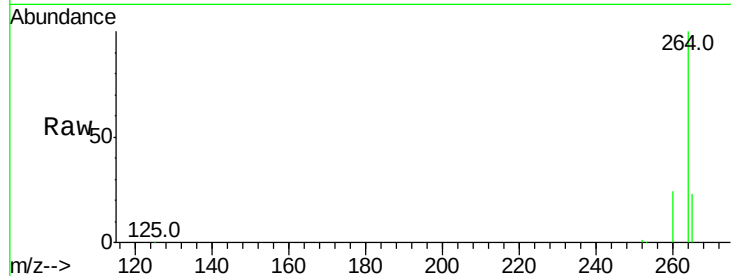




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.07 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

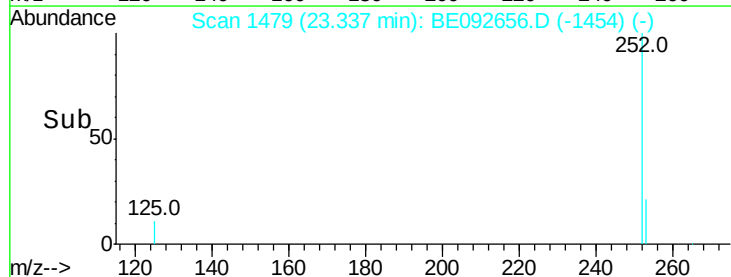
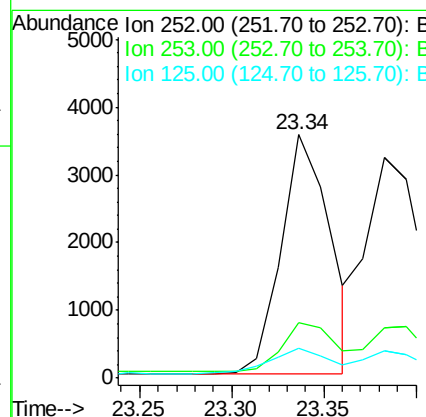
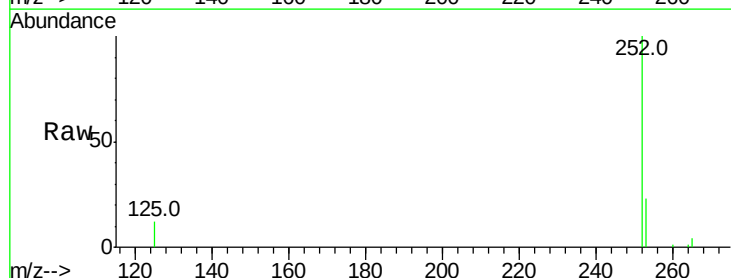
Instrument :
BNA_E
ClientSampleId :

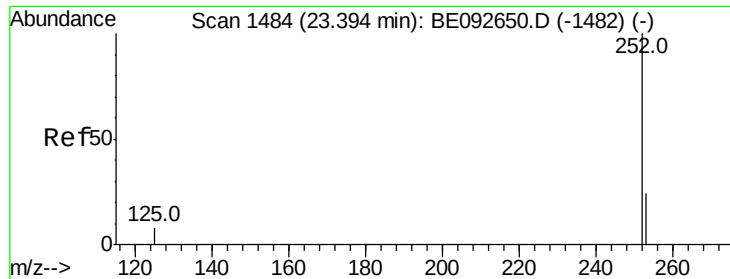
Tot Ion:264 Resp: 82109
Ion Ratio Lower Upper
264 100
260 24.0 20.1 30.1
265 22.6 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.33 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion:252 Resp: 6530
Ion Ratio Lower Upper
252 100
253 23.0 18.7 28.1
125 12.5 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.39 ng

RT: 23.38 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE092656.D

Acq: 16 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

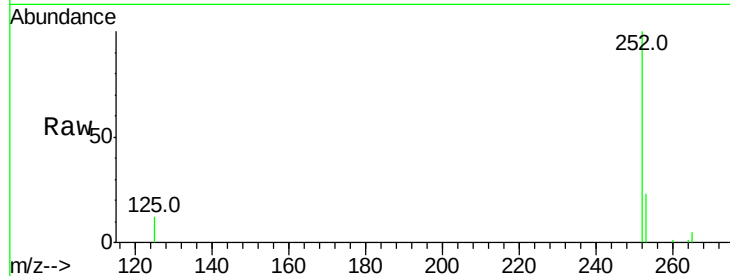
Tot Ion:252 Resp: 7735

Ion Ratio Lower Upper

252 100

253 23.2 20.3 30.5

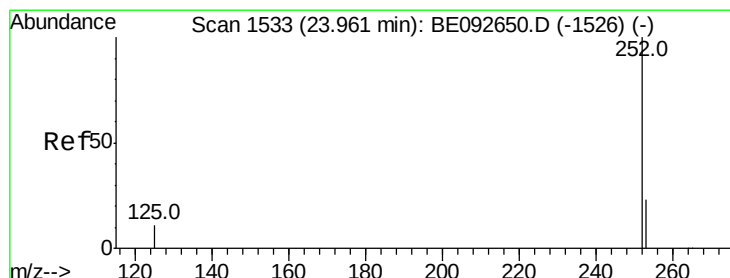
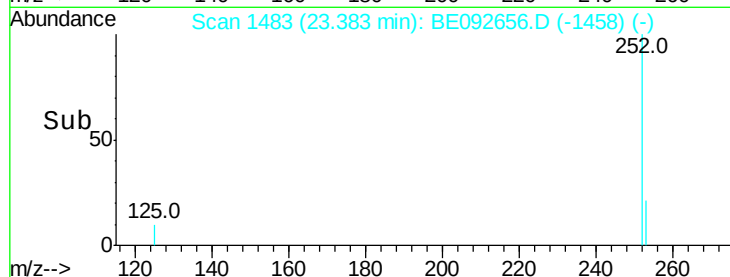
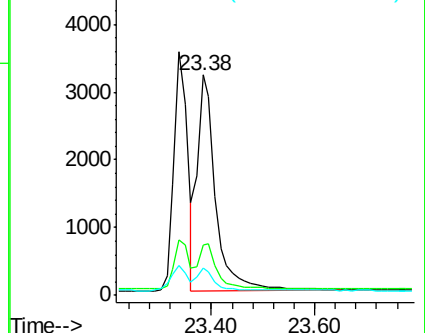
125 12.4 9.6 14.4



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: 0.35 ng

RT: 23.95 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BE092656.D

Acq: 16 Jan 2017 17:42

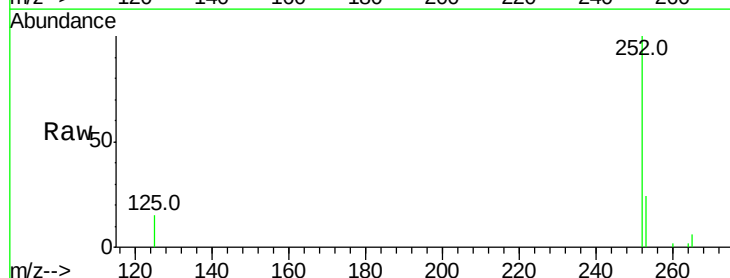
Tgt Ion:252 Resp: 6518

Ion Ratio Lower Upper

252 100

253 23.7 19.0 28.6

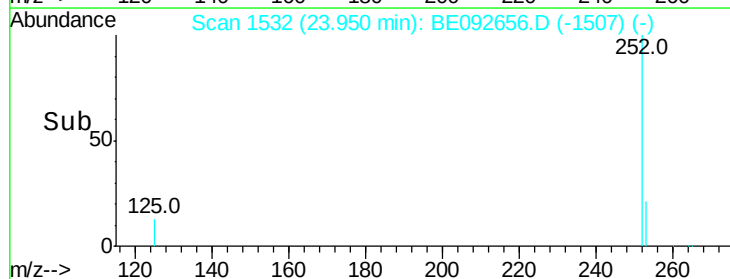
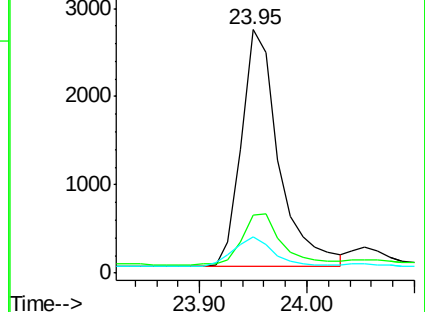
125 14.8 11.8 17.8

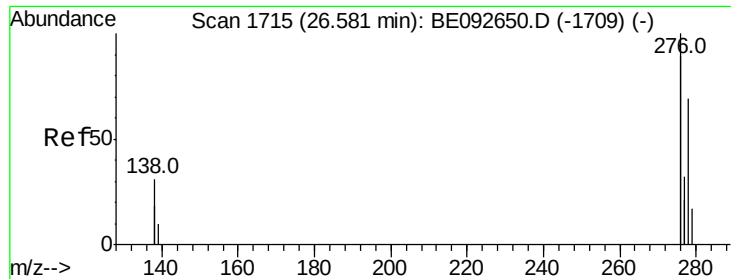


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.34 ng

RT: 26.56 min Scan# 1714

Delta R.T. -0.02 min

Lab File: BE092656.D

Acq: 16 Jan 2017 17:42

Instrument :

BNA_E

ClientSampleId :

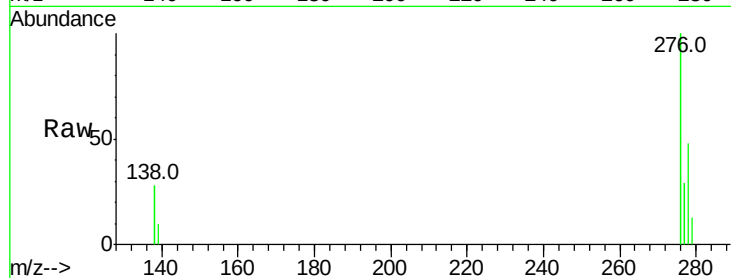
Tot Ion:278 Resp: 6203

Ion Ratio Lower Upper

278 100

139 20.8 13.8 20.8#

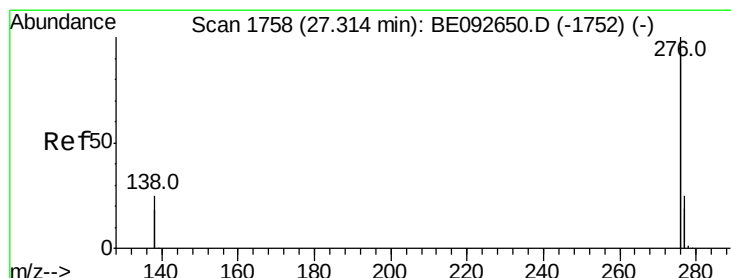
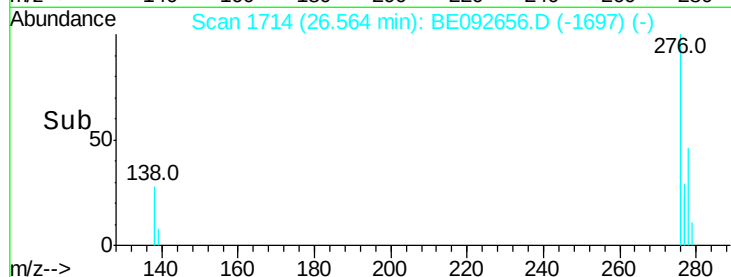
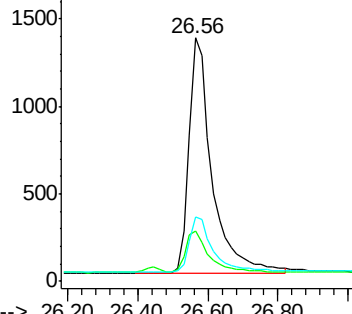
279 26.3 21.4 32.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#36

Benzo(g,h,i)perylene

Concen: 0.35 ng

RT: 27.31 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BE092656.D

Acq: 16 Jan 2017 17:42

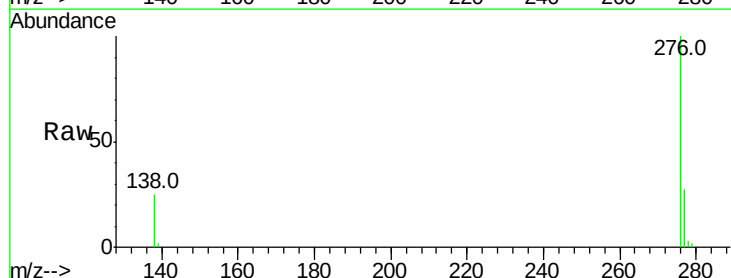
Tgt Ion:276 Resp: 26702

Ion Ratio Lower Upper

276 100

277 27.3 19.8 29.8

138 24.6 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

