

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011617\
 Data File : BE092655.D
 Acq On : 16 Jan 2017 17:06
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 16 17:46:13 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	9445	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	47425	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	32907	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	74691	5.00	ng	0.00
24) Chrysene-d12	21.72	240	69915	5.00	ng	0.00
31) Perylene-d12	24.06	264	75937	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.63	112	24400	16.98	ng	-0.02
5) Phenol-d6	7.29	99	33846	16.44	ng	-0.05
8) Nitrobenzene-d5	9.29	82	35863	13.50	ng	-0.05
13) 2,4,6-Tribromophenol	16.27	330	11201	15.06	ng	-0.02
14) 2-Fluorobiphenyl	13.40	172	79003	10.04	ng	-0.02
26) Terphenyl-d14	20.14	244	111701	13.03	ng	-0.02

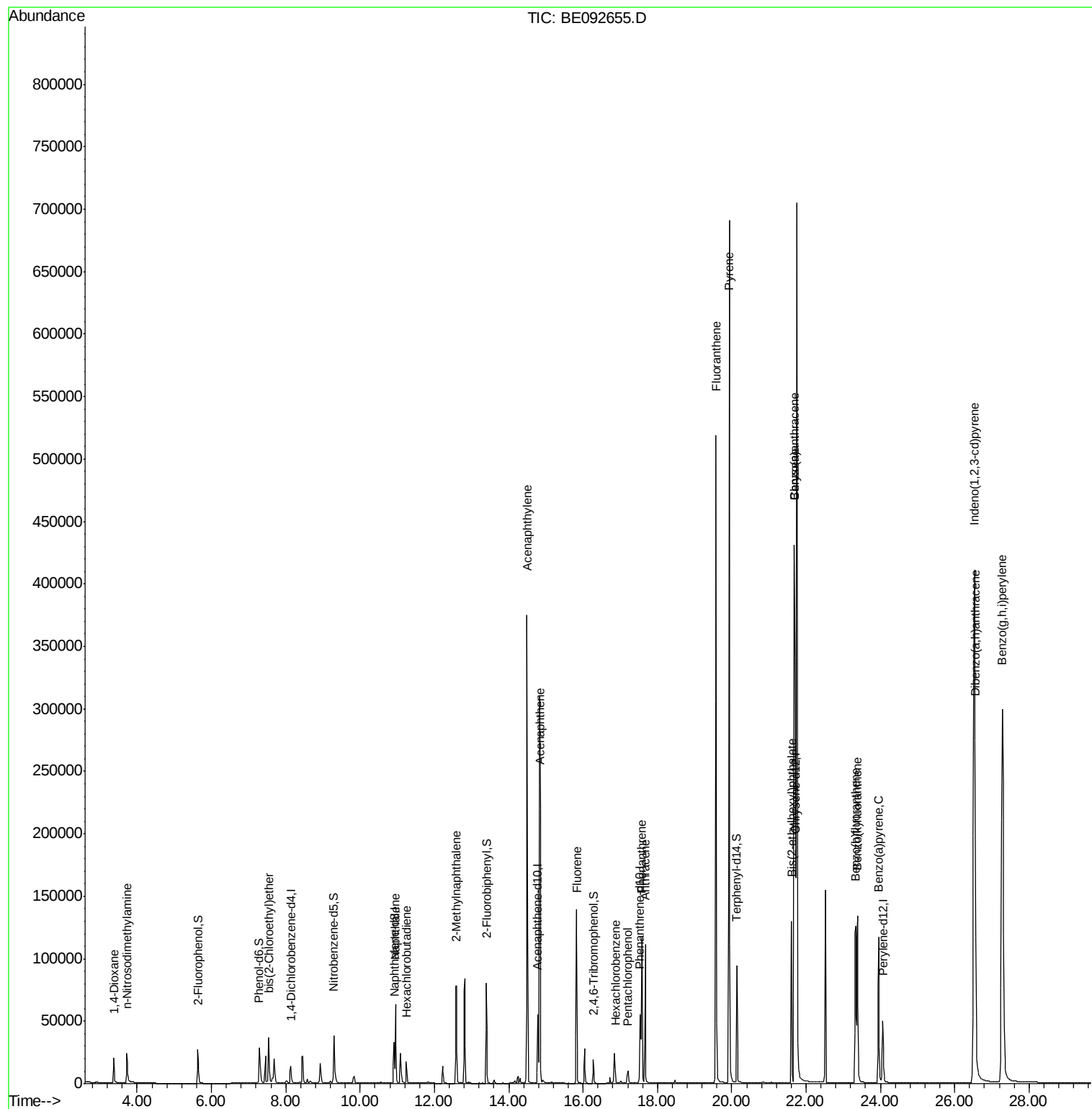
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	12600	9.10	ng	91
3) n-Nitrosodimethylamine	3.72	42	18988	16.40	ng	94
6) bis(2-Chloroethyl)ether	7.54	93	29876	13.97	ng	98
9) Naphthalene	10.95	128	95343	9.79	ng	# 95
10) Hexachlorobutadiene	11.24	225	14006	9.48	ng	99
11) 2-Methylnaphthalene	12.59	142	65915	10.64	ng	# 85
15) Acenaphthylene	14.49	152	486793	10.72	ng	100
16) Acenaphthene	14.85	154	71298	9.53	ng	92
17) Fluorene	15.83	166	93837	10.21	ng	99
19) Hexachlorobenzene	16.87	284	24111	7.56	ng	# 39
20) Pentachlorophenol	17.21	266	10923	20.12	ng	# 89
21) Phenanthrene	17.58	178	152721	8.11	ng	# 95
22) Anthracene	17.67	178	153384	8.91	ng	99
23) Fluoranthene	19.58	202	726682	8.93	ng	98
25) Pyrene	19.93	202	786547	12.77	ng	100
27) Benzo(a)anthracene	21.68	228	762213	12.14	ng	# 77
28) Chrysene	21.68	228	762177	10.47	ng	# 97
29) Bis(2-ethylhexyl)phthalate	21.61	149	141747	20.85	ng	# 70
30) Indeno(1,2,3-cd)pyrene	26.53	276	864347	13.15	ng	98
32) Benzo(b)fluoranthene	23.33	252	205343	11.76	ng	# 97
33) Benzo(k)fluoranthene	23.38	252	182314	9.36	ng	95
34) Benzo(a)pyrene	23.95	252	186747	11.08	ng	# 94
35) Dibenzo(a,h)anthracene	26.55	278	179311	11.20	ng	94
36) Benzo(g,h,i)perylene	27.28	276	729275	10.64	ng	98

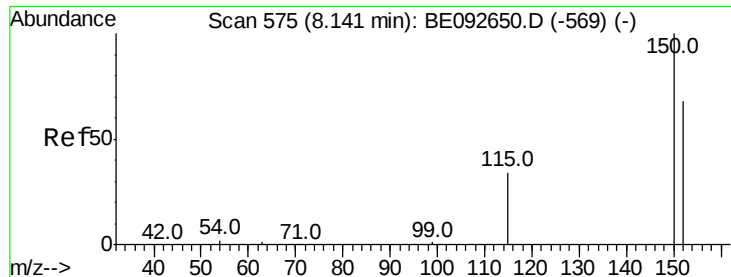
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011617\
Data File : BE092655.D
Acq On : 16 Jan 2017 17:06
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 16 17:46:13 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. 0.00 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

Instrument :

BNA_E

ClientSampleId :

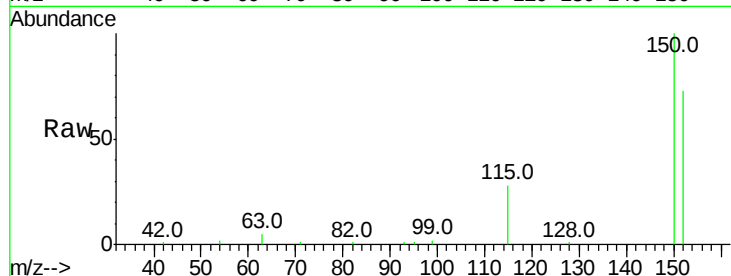
Tot Ion:152 Resp: 9445

Ion Ratio Lower Upper

152 100

150 137.5 106.0 159.0

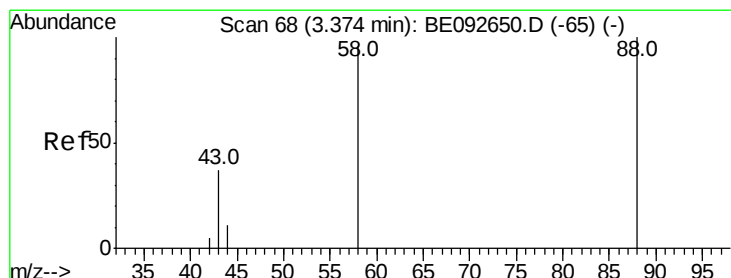
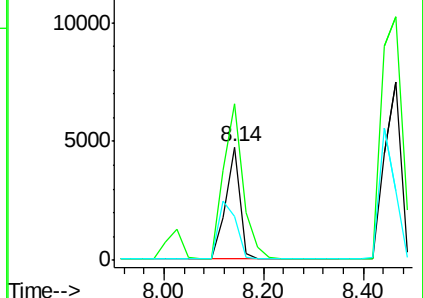
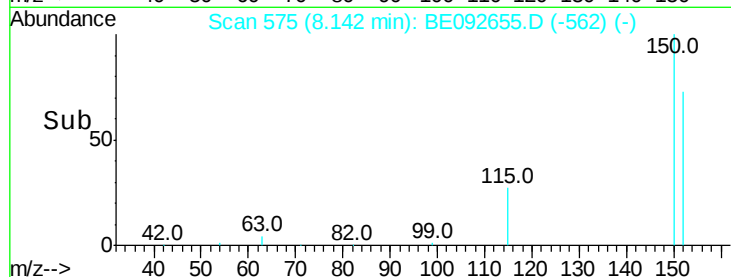
115 38.6 31.2 46.8



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: 9.10 ng

RT: 3.38 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

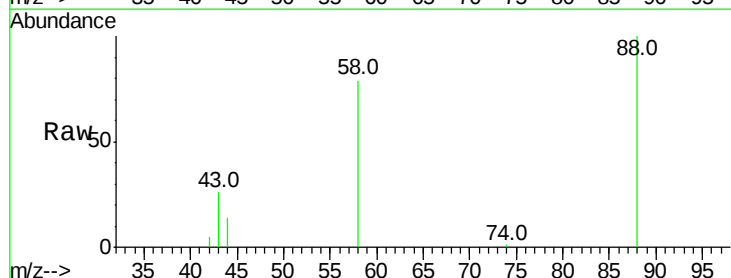
Tgt Ion: 88 Resp: 12600

Ion Ratio Lower Upper

88 100

58 89.1 63.6 95.4

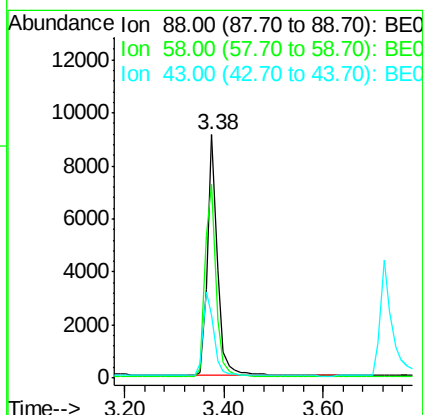
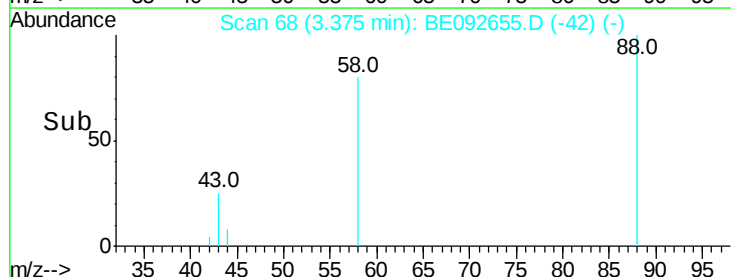
43 38.1 28.0 42.0

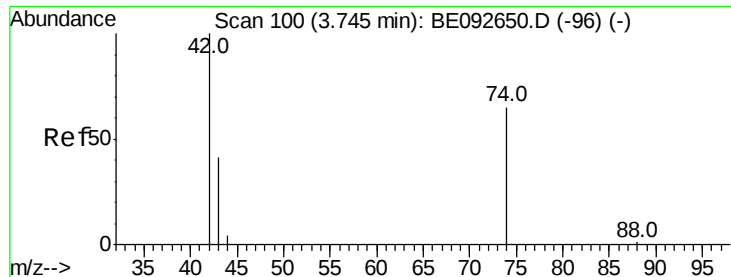


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 16.40 ng

RT: 3.72 min Scan# 98

Delta R.T. -0.02 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

Instrument :

BNA_E

ClientSampled :

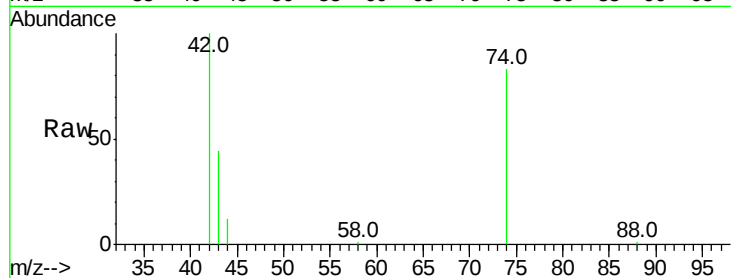
Tot Ion: 42 Resp: 18988

Ion Ratio Lower Upper

42 100

74 100.4 86.0 129.0

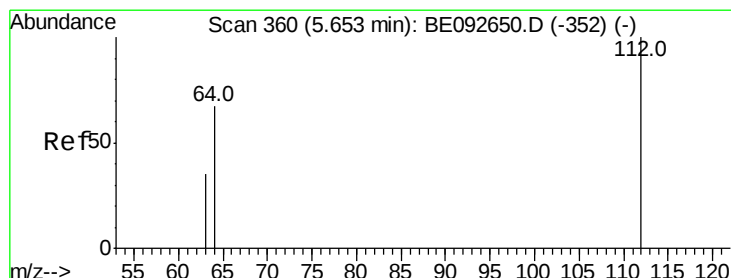
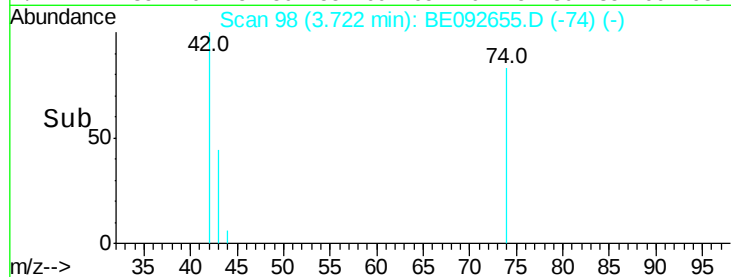
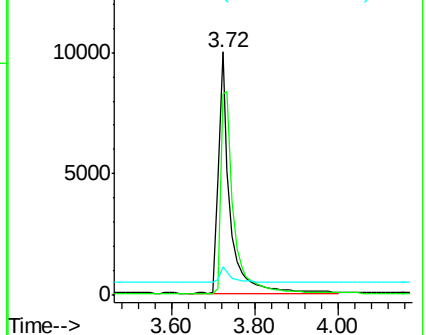
44 6.1 5.1 7.7



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: 16.98 ng

RT: 5.63 min Scan# 357

Delta R.T. -0.02 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

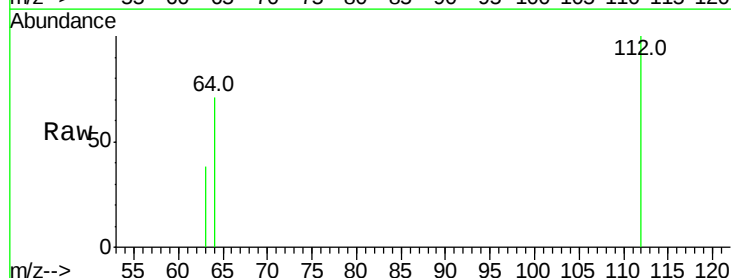
Tgt Ion: 112 Resp: 24400

Ion Ratio Lower Upper

112 100

64 69.0 53.5 80.3

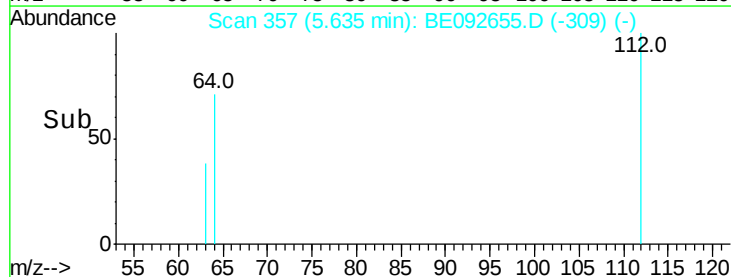
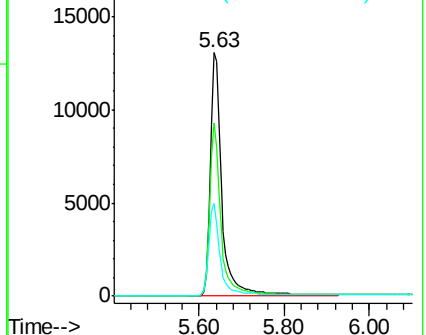
63 37.0 27.9 41.9

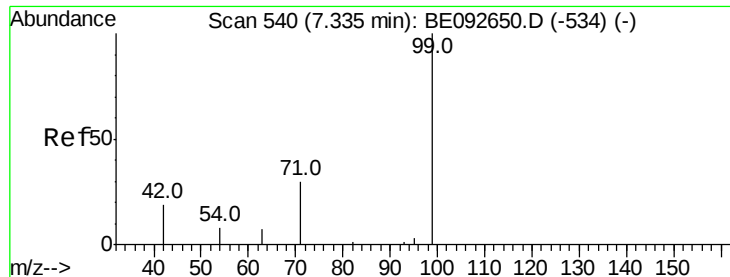


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 16.44 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.05 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

Instrument :

BNA_E

ClientSampled :

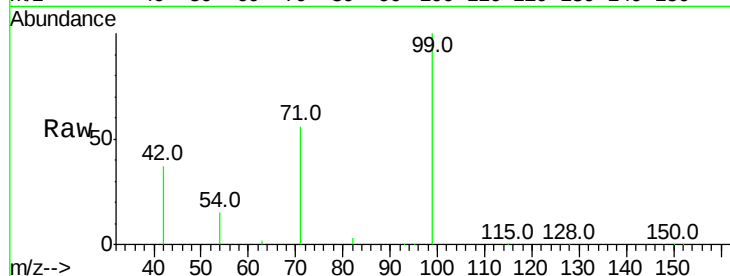
Tot Ion: 99 Resp: 33846

Ion Ratio Lower Upper

99 100

42 27.2 16.0 24.0#

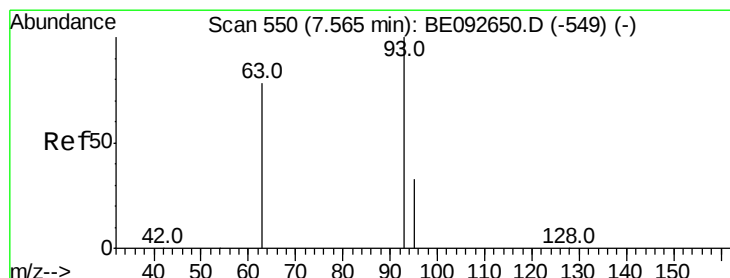
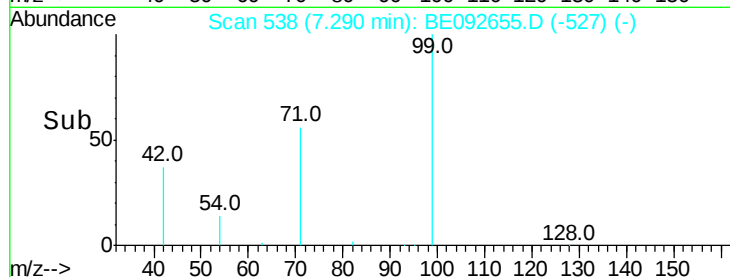
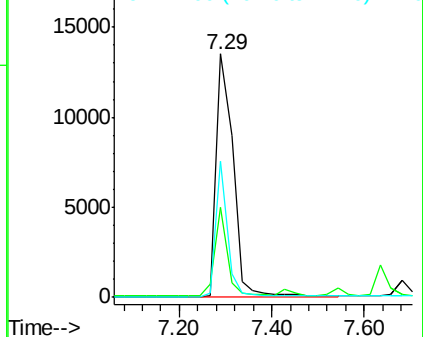
71 38.9 30.6 45.8



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: 13.97 ng

RT: 7.54 min Scan# 549

Delta R.T. -0.02 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

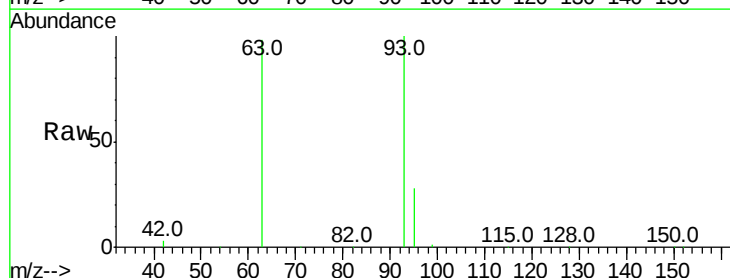
Tgt Ion: 93 Resp: 29876

Ion Ratio Lower Upper

93 100

63 88.4 71.6 107.4

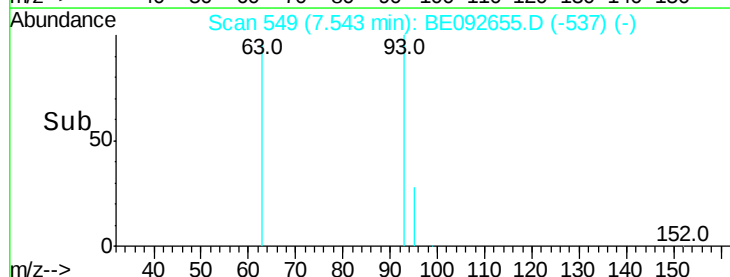
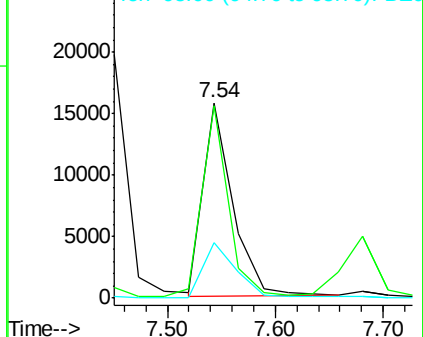
95 32.7 24.0 36.0



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: BE092655.D

Acq: 16 Jan 2017 17:06

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 47425

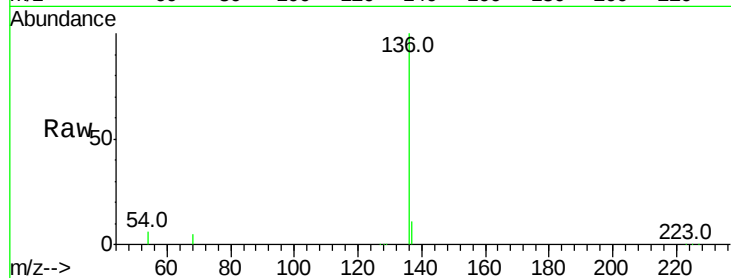
Ion Ratio Lower Upper

136 100

137 11.5 8.2 12.4

54 6.2 9.6 14.4#

68 4.7 6.7 10.1#



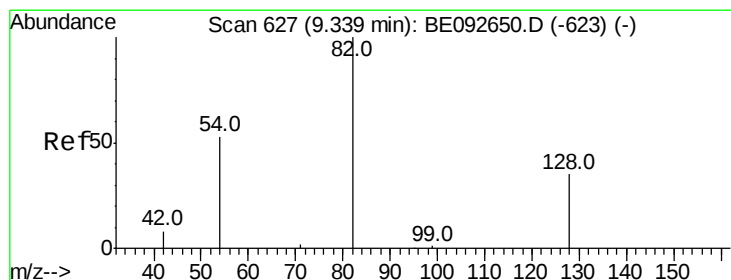
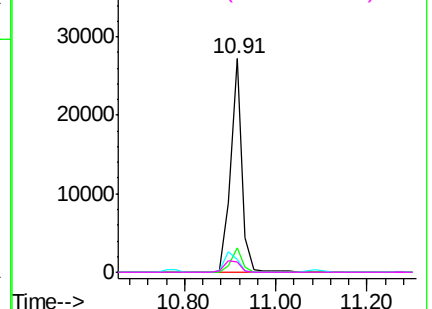
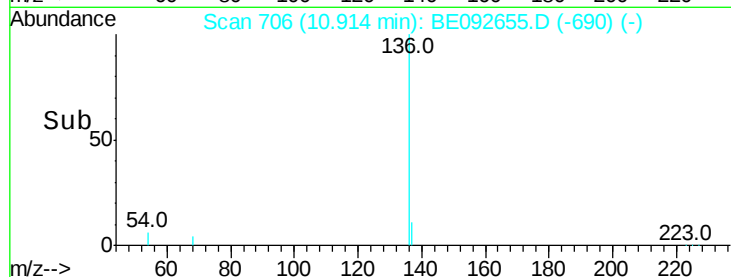
Abundance

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: 13.50 ng

RT: 9.29 min Scan# 625

Delta R.T. -0.05 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

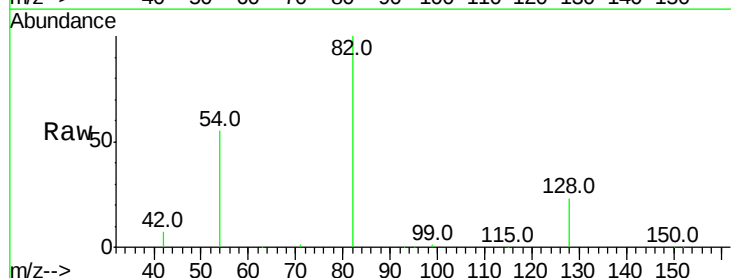
Tgt Ion: 82 Resp: 35863

Ion Ratio Lower Upper

82 100

128 22.7 39.0 58.4#

54 55.3 44.8 67.2

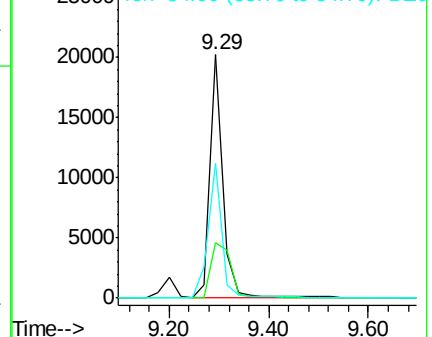
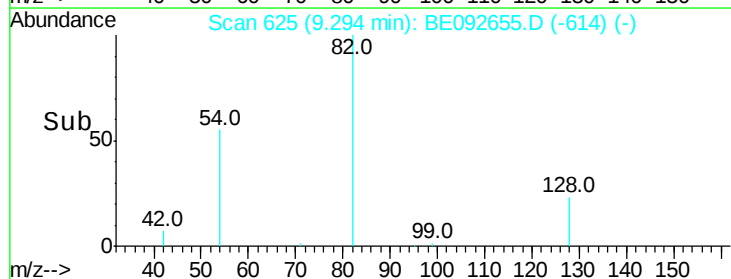


Abundance

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: 9.79 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.02 min

Lab File: BE092655.D

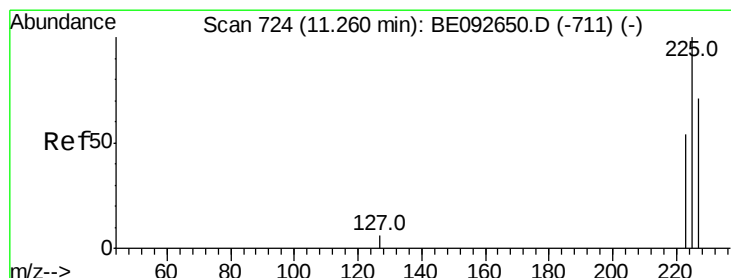
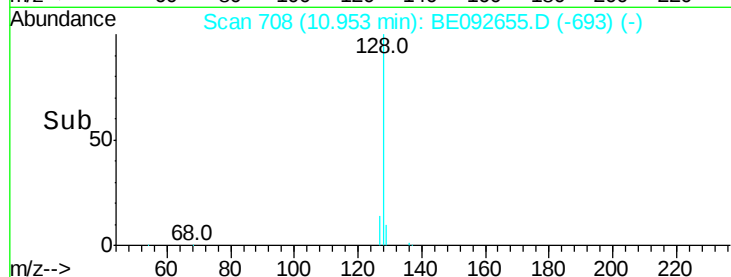
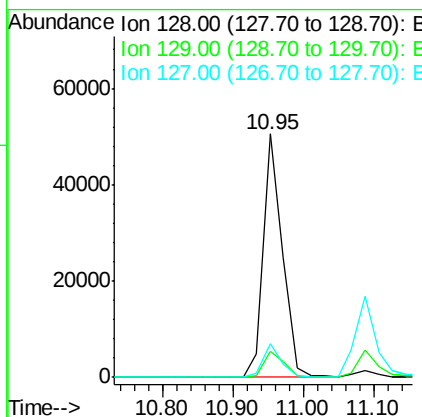
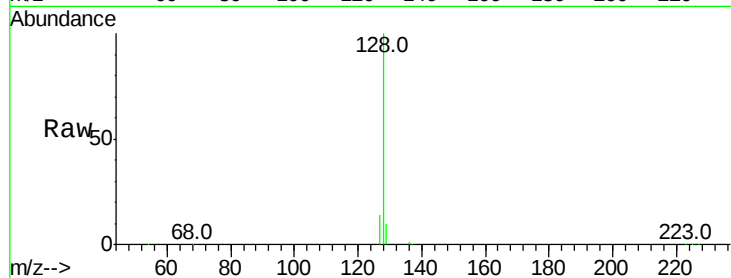
Acq: 16 Jan 2017 17:06

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	128	Resp:	95343
Ion	Ratio	Lower	Upper
128	100		
129	10.5	11.2	16.8#
127	13.9	11.6	17.4



#10

Hexachlorobutadiene

Concen: 9.48 ng

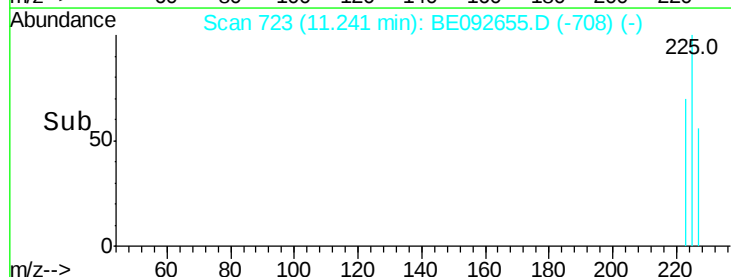
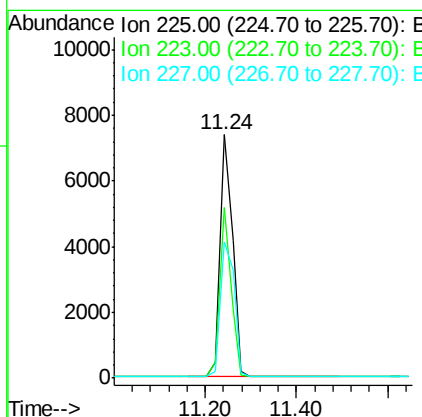
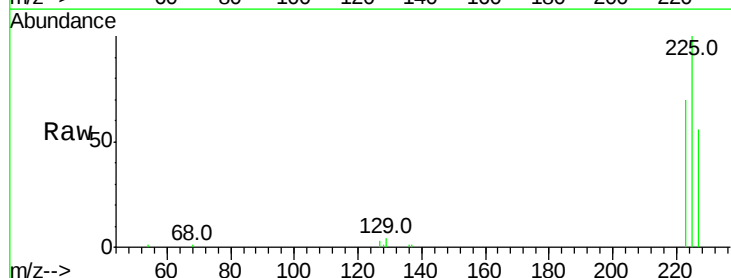
RT: 11.24 min Scan# 723

Delta R.T. -0.02 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

Tgt Ion:	225	Resp:	14006
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	63.4	51.4	77.0





#11

2-Methylnaphthalene

Concen: 10.64 ng

RT: 12.59 min Scan# 811

Delta R.T. -0.02 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

Instrument :

BNA_E

ClientSampled :

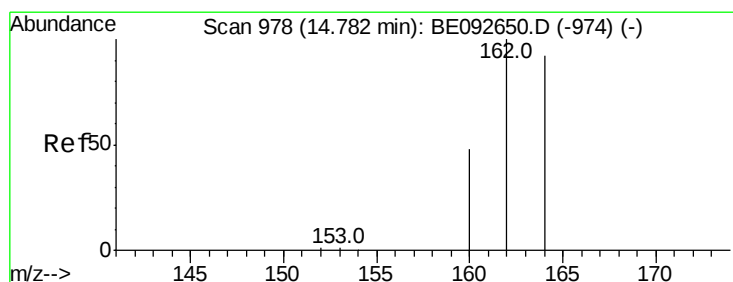
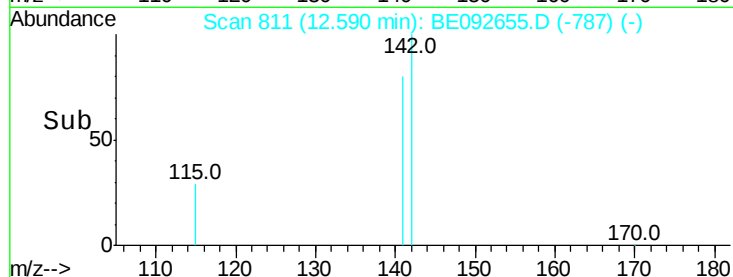
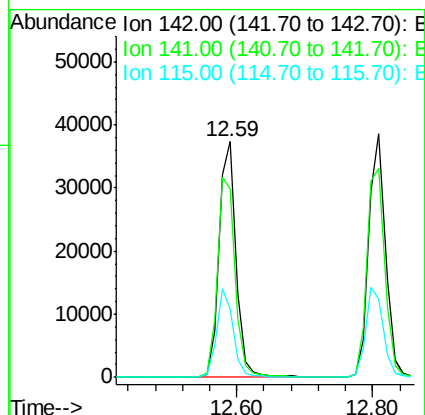
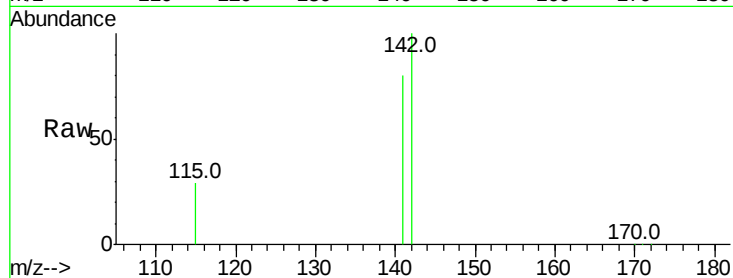
Tot Ion:142 Resp: 65915

Ion Ratio Lower Upper

142 100

141 79.8 73.7 110.5

115 29.0 34.0 51.0#



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.78 min Scan# 977

Delta R.T. -0.00 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

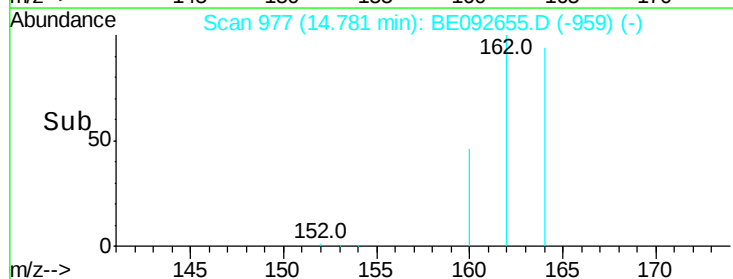
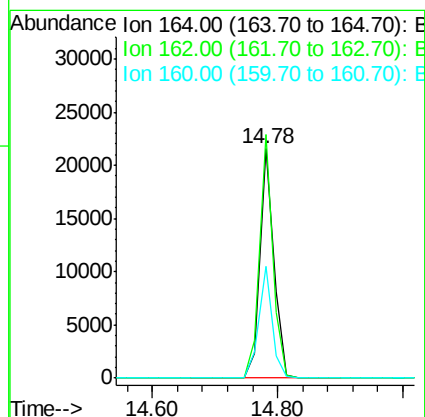
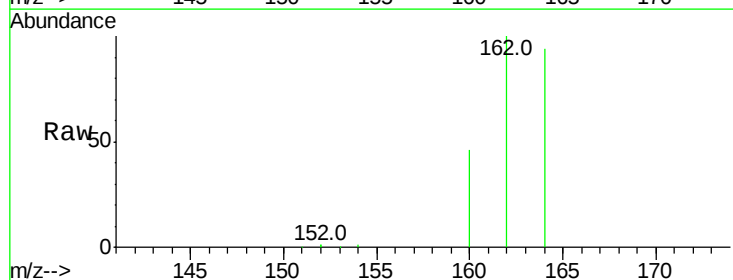
Tgt Ion:164 Resp: 32907

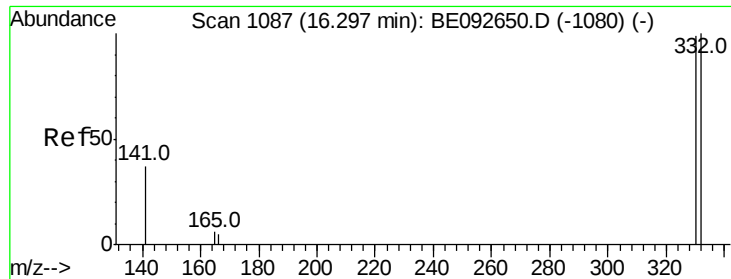
Ion Ratio Lower Upper

164 100

162 106.3 71.4 107.0

160 48.6 27.4 41.2#

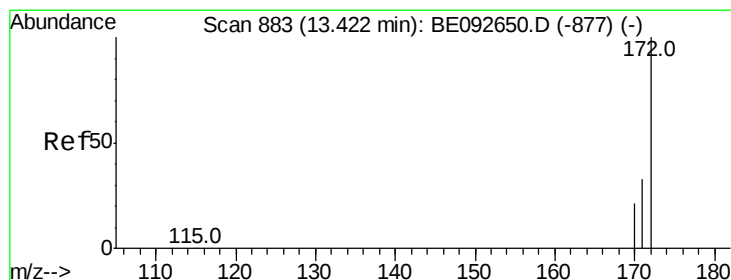
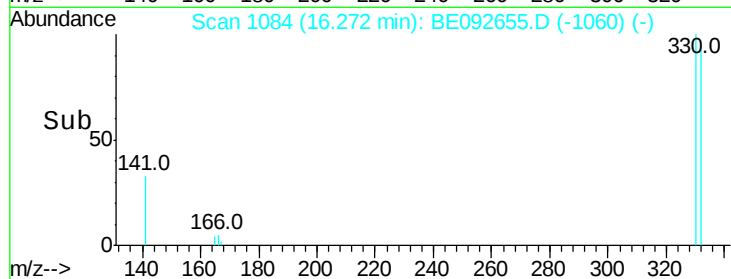
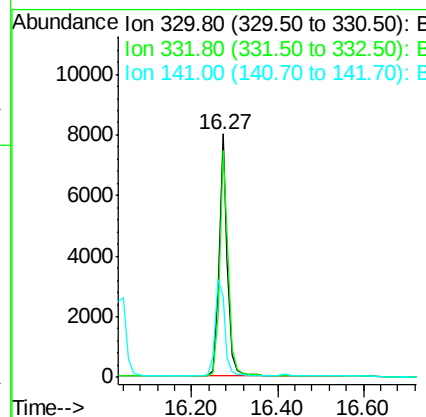
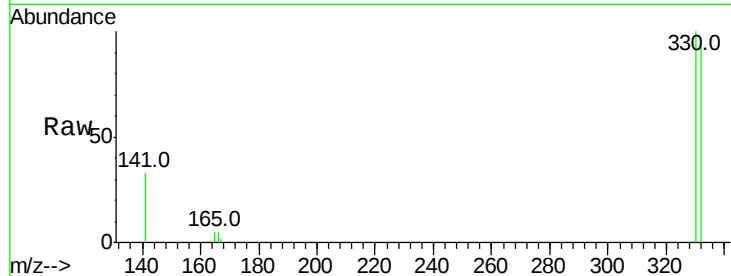




#13
 2,4,6-Tribromophenol
 Concen: 15.06 ng
 RT: 16.27 min Scan# 1084
 Delta R.T. -0.02 min
 Lab File: BE092655.D
 Acq: 16 Jan 2017 17:06

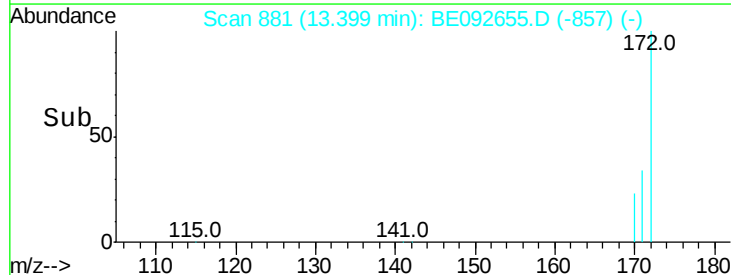
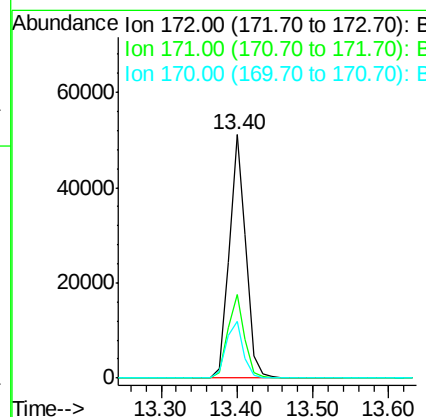
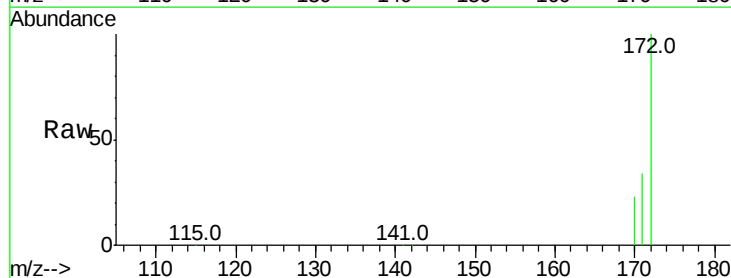
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 11201
 Ion Ratio Lower Upper
 330 100
 332 97.7 75.4 113.0
 141 45.4 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 10.04 ng
 RT: 13.40 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BE092655.D
 Acq: 16 Jan 2017 17:06

Tgt Ion:172 Resp: 79003
 Ion Ratio Lower Upper
 172 100
 171 34.3 30.1 45.1
 170 23.1 21.8 32.6

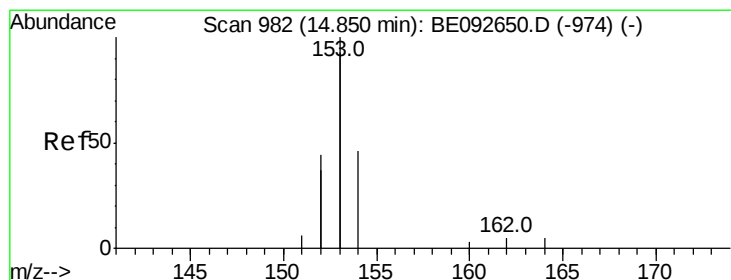
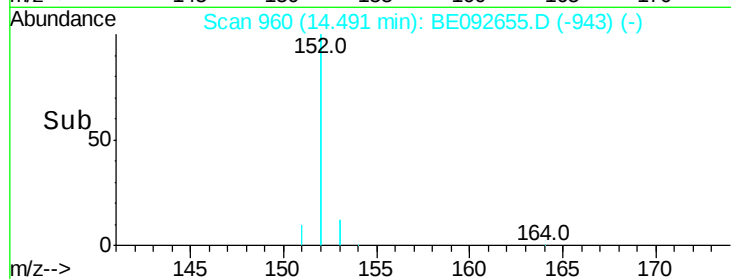
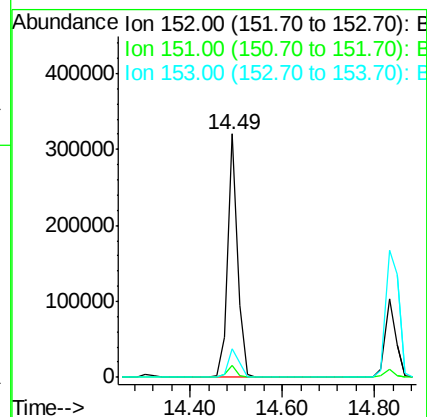
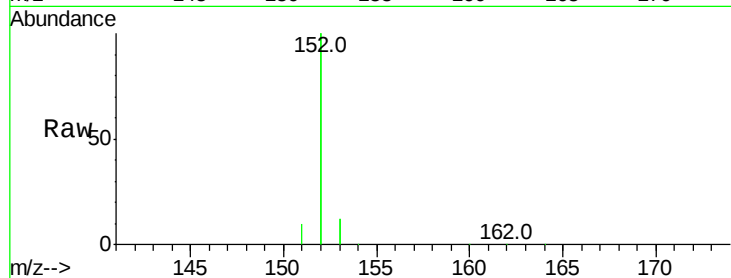




#15
Acenaphthylene
Concen: 10.72 ng
RT: 14.49 min Scan# 960
Delta R.T. -0.02 min
Lab File: BE092655.D
Acq: 16 Jan 2017 17:06

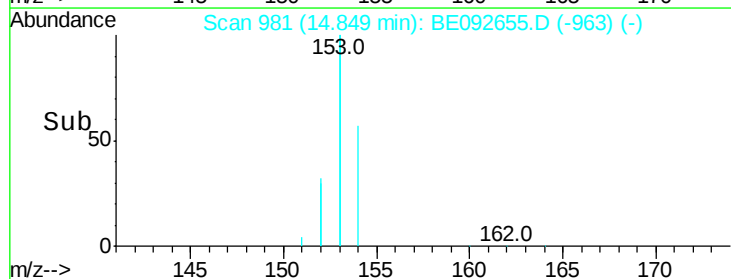
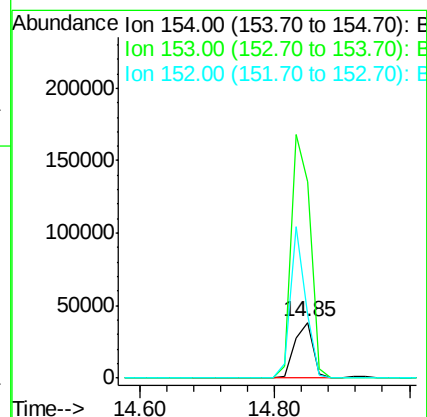
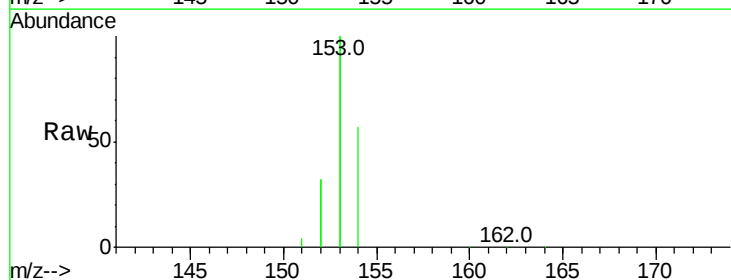
Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 486793
Ion Ratio Lower Upper
152 100
151 4.9 3.9 5.9
153 12.8 10.4 15.6



#16
Acenaphthene
Concen: 9.53 ng
RT: 14.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BE092655.D
Acq: 16 Jan 2017 17:06

Tgt Ion:154 Resp: 71298
Ion Ratio Lower Upper
154 100
153 457.1 350.8 526.2
152 228.7 171.1 256.7

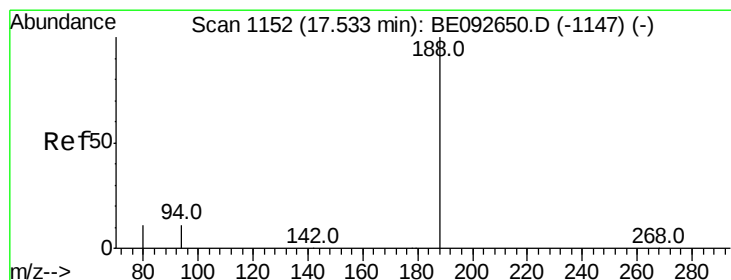
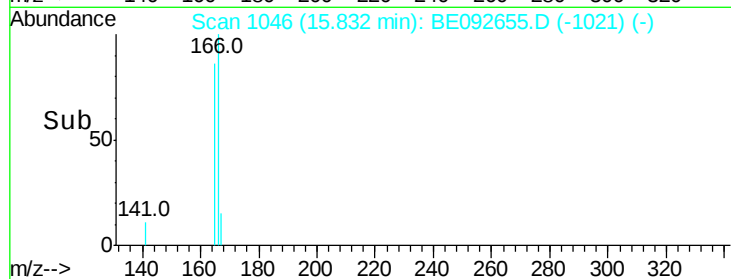
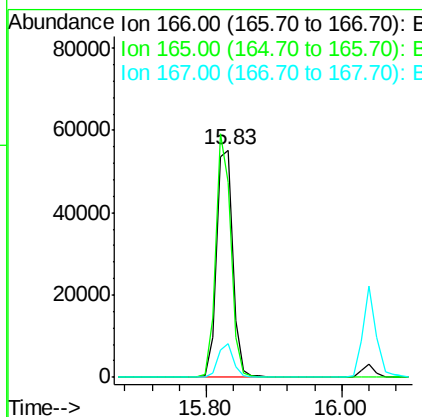
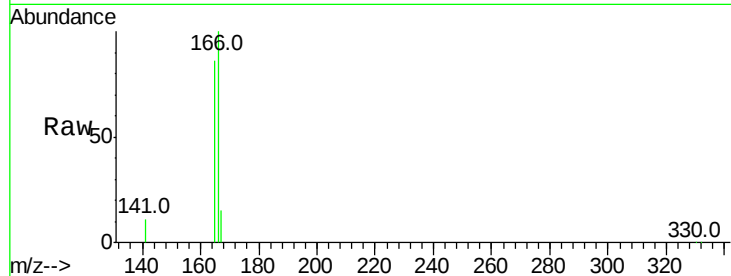




#17
Fluorene
 Concen: 10.21 ng
 RT: 15.83 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BE092655.D
 Acq: 16 Jan 2017 17:06

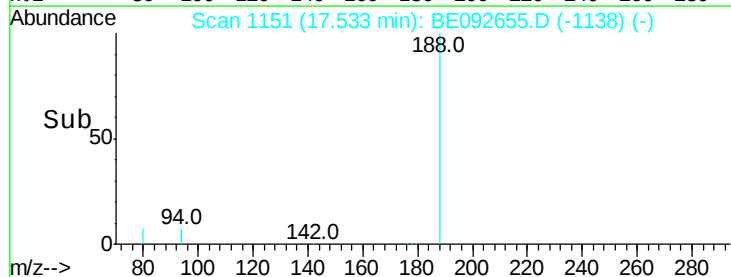
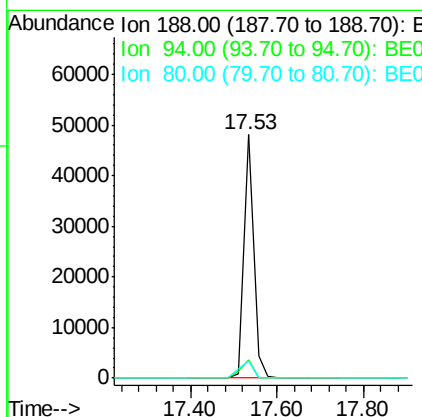
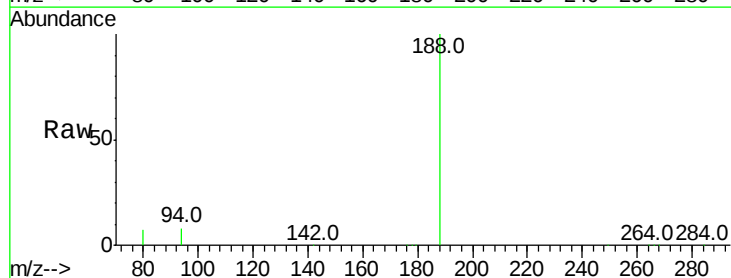
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:166 Resp: 93837
 Ion Ratio Lower Upper
 166 100
 165 98.4 78.2 117.4
 167 13.5 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.53 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BE092655.D
 Acq: 16 Jan 2017 17:06

Tgt Ion:188 Resp: 74691
 Ion Ratio Lower Upper
 188 100
 94 7.6 3.2 4.8#
 80 7.0 2.6 3.8#





#19

Hexachlorobenzene

Concen: 7.56 ng

RT: 16.87 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

Instrument :

BNA_E

ClientSampleId :

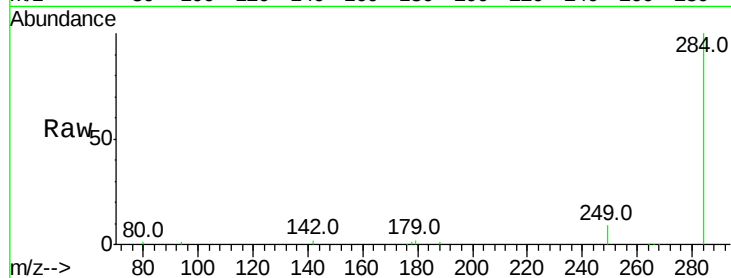
Tot Ion:284 Resp: 24111

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

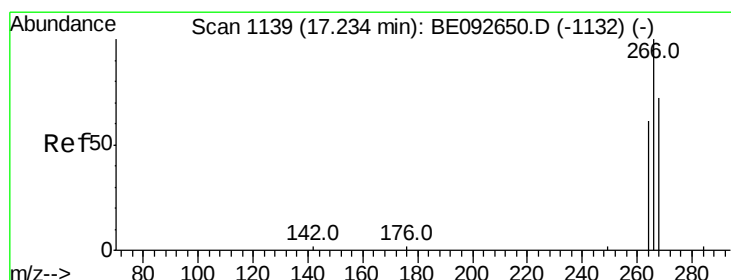
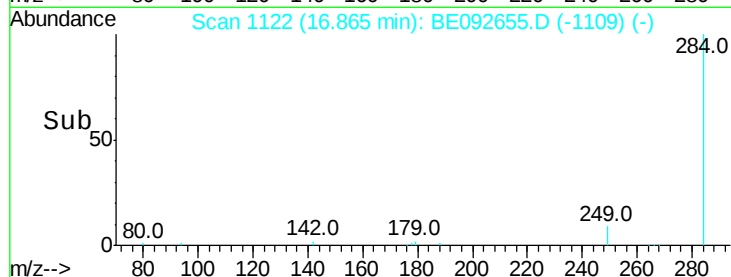
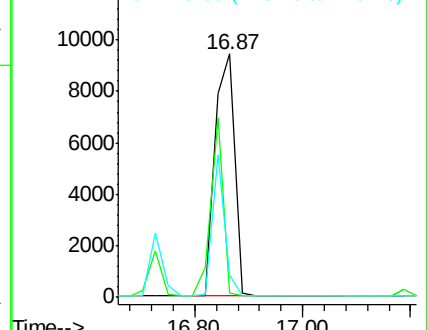
249 0.0 27.9 41.9#



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: 20.12 ng

RT: 17.21 min Scan# 1137

Delta R.T. -0.02 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

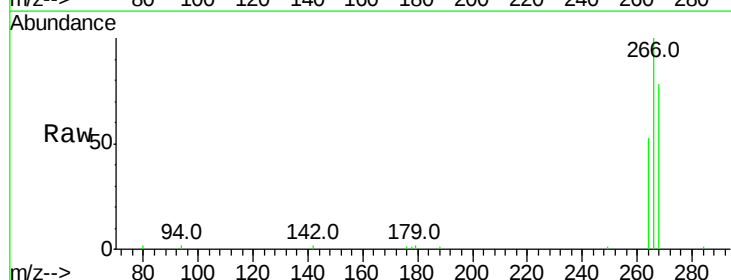
Tgt Ion:266 Resp: 10923

Ion Ratio Lower Upper

266 100

268 77.6 62.5 93.7

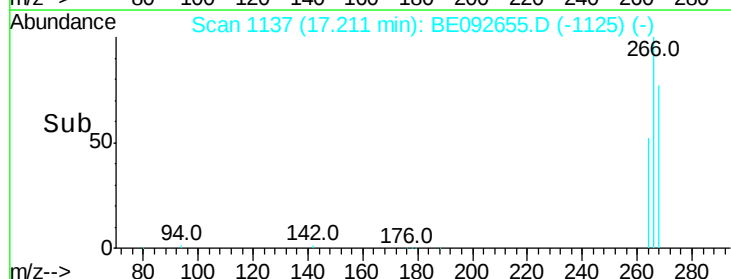
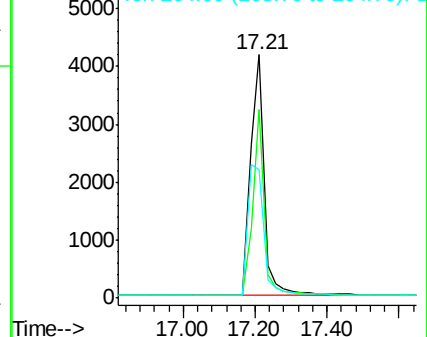
264 52.8 57.2 85.8#

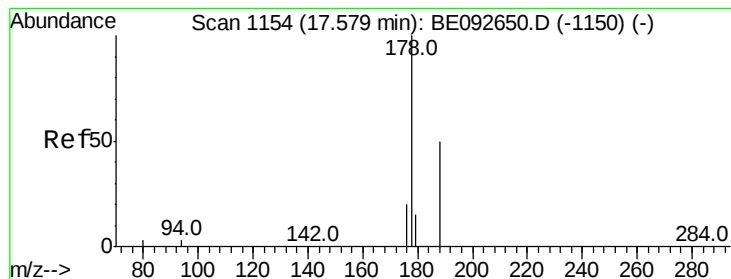


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 8.11 ng

RT: 17.58 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

Instrument :

BNA_E

ClientSampled :

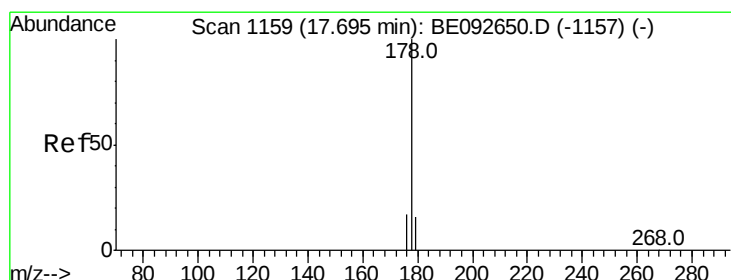
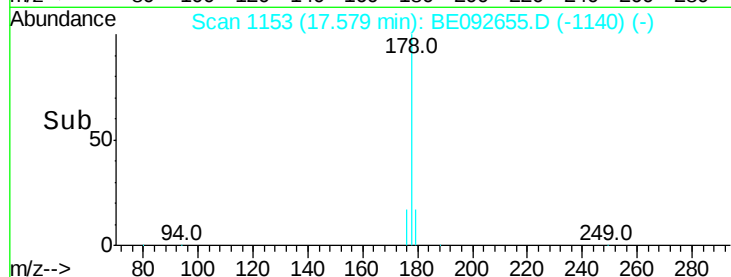
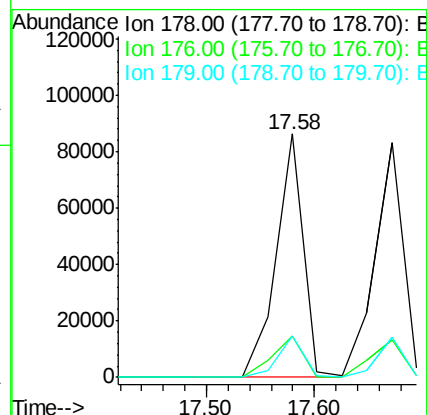
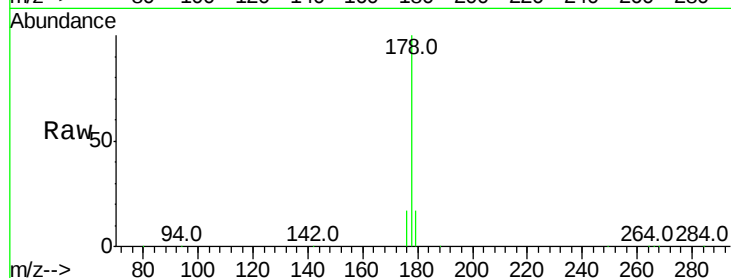
Tot Ion:178 Resp: 152721

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

179 15.9 16.0 24.0#



#22

Anthracene

Concen: 8.91 ng

RT: 17.67 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

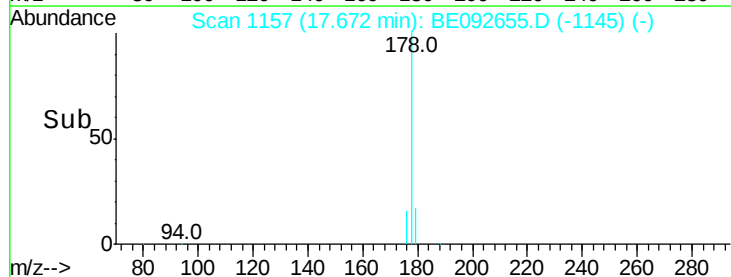
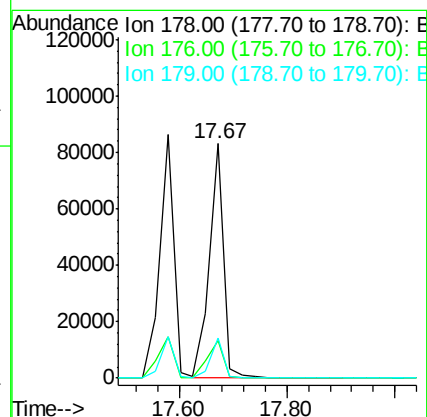
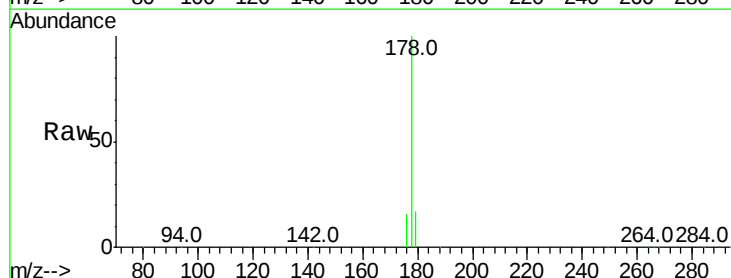
Tgt Ion:178 Resp: 153384

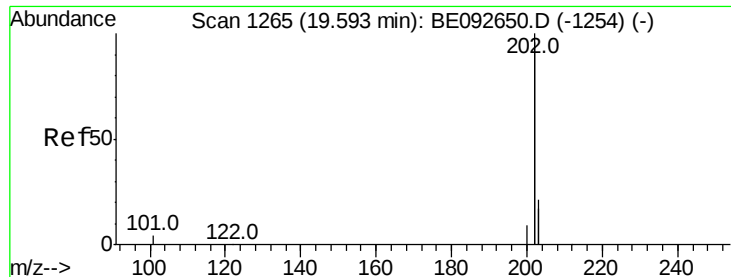
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

179 15.9 12.2 18.2





#23

Fluoranthene

Concen: 8.93 ng

RT: 19.58 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

Instrument :

BNA_E

ClientSampleId :

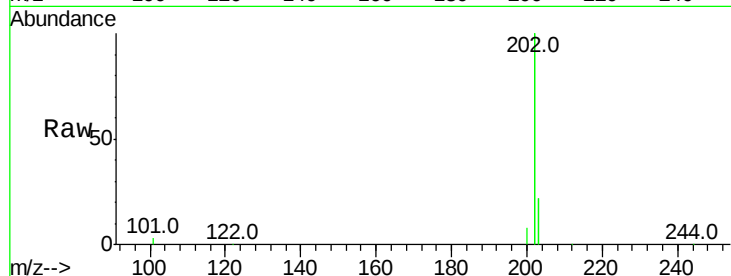
Tot Ion:202 Resp: 726682

Ion Ratio Lower Upper

202 100

101 3.0 2.2 3.4

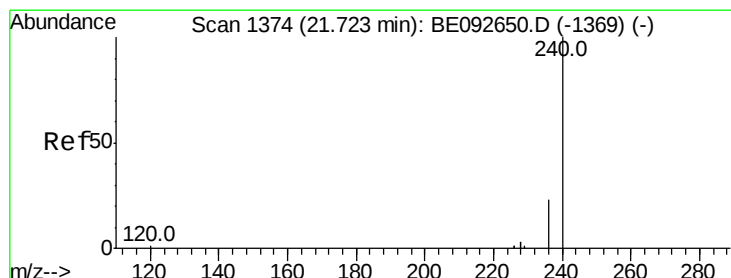
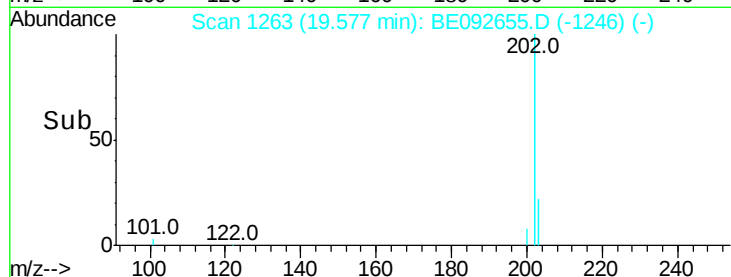
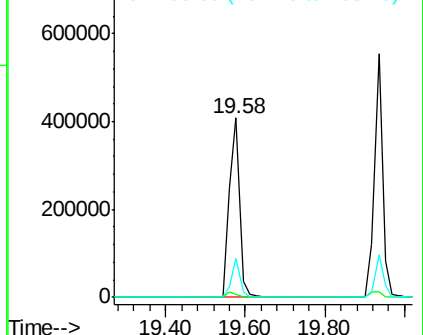
203 17.8 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

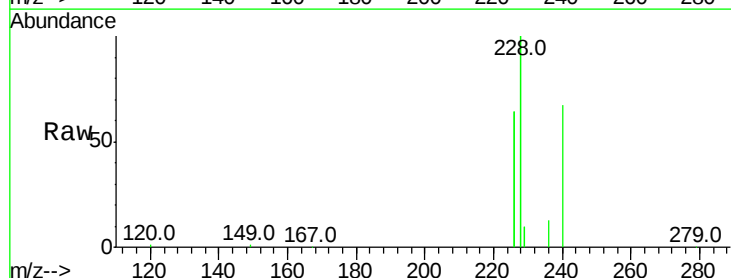
Tgt Ion:240 Resp: 69915

Ion Ratio Lower Upper

240 100

120 1.0 2.6 4.0#

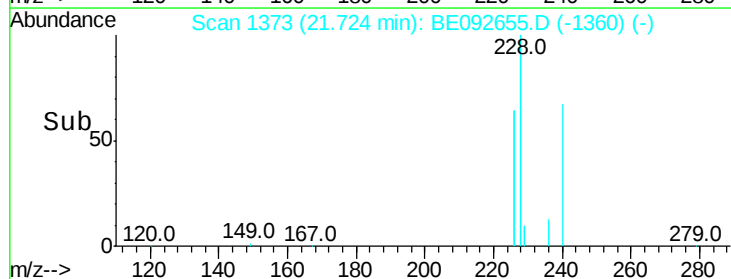
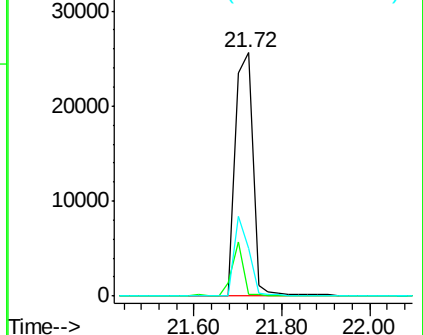
236 19.7 24.6 37.0#

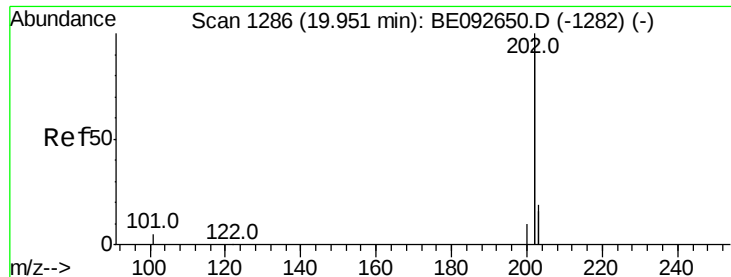


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 12.77 ng

RT: 19.93 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

Instrument :

BNA_E

ClientSampleId :

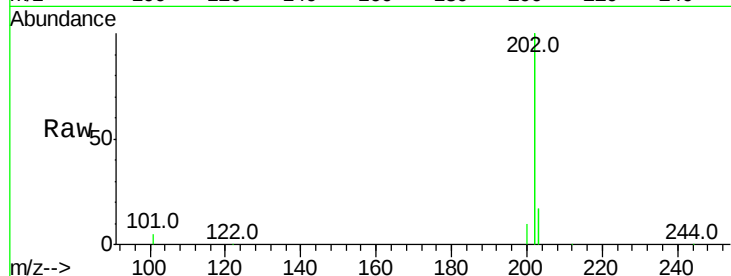
Tot Ion:202 Resp: 786547

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

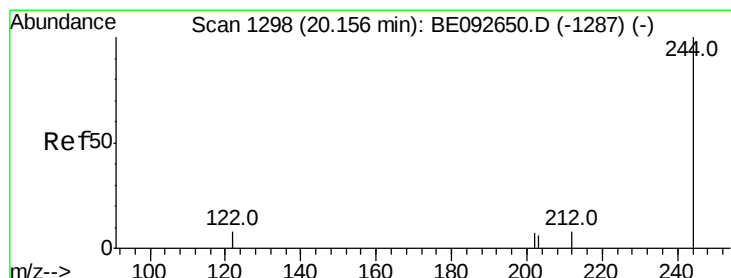
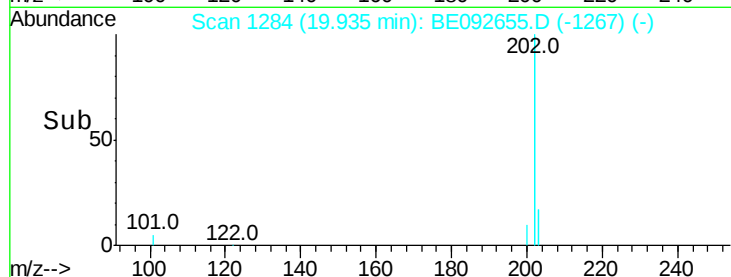
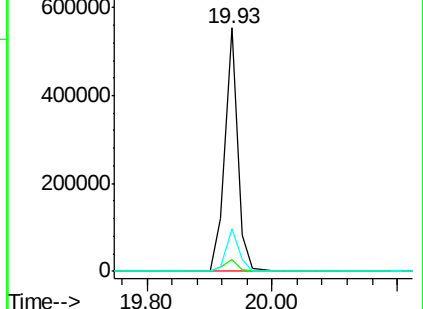
203 17.7 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Terphenyl-d14

Concen: 13.03 ng

RT: 20.14 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

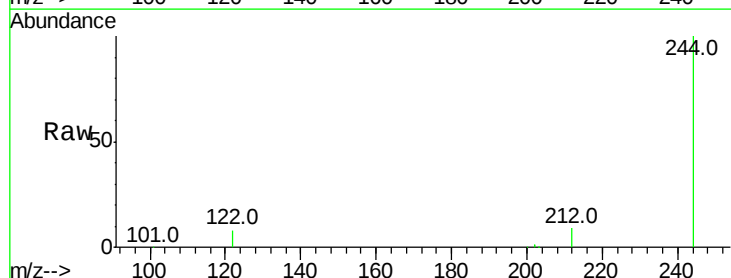
Tgt Ion:244 Resp: 111701

Ion Ratio Lower Upper

244 100

212 9.1 6.7 10.1

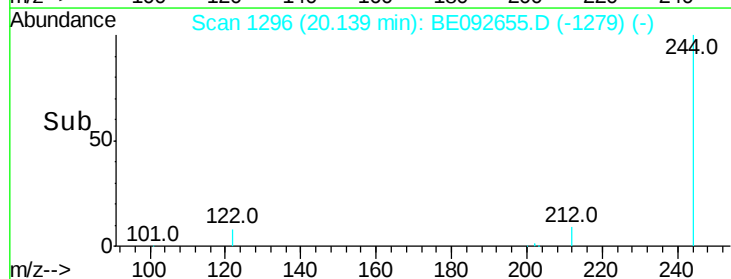
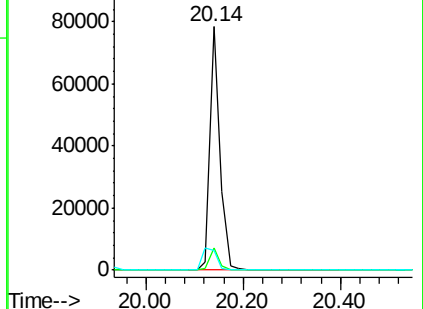
122 8.1 3.6 5.4#

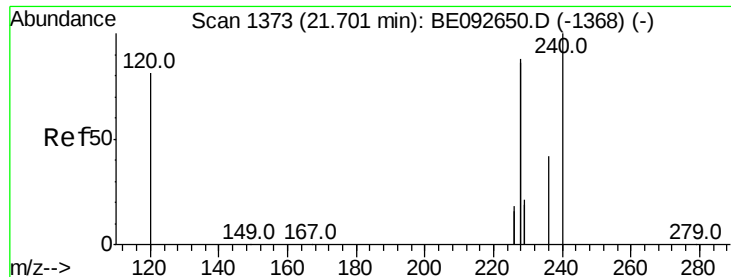


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 12.14 ng

RT: 21.68 min Scan# 1371

Delta R.T. -0.02 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

Instrument :

BNA_E

ClientSampleId :

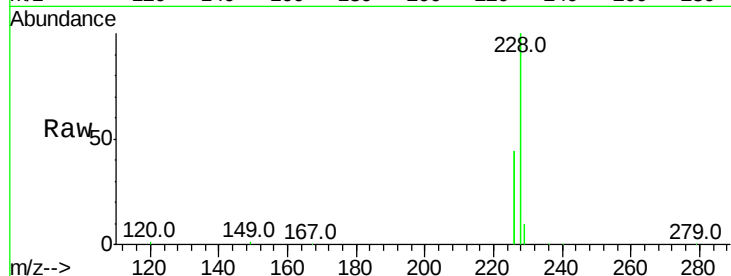
Tot Ion:228 Resp: 762213

Ion Ratio Lower Upper

228 100

226 44.4 23.6 35.4#

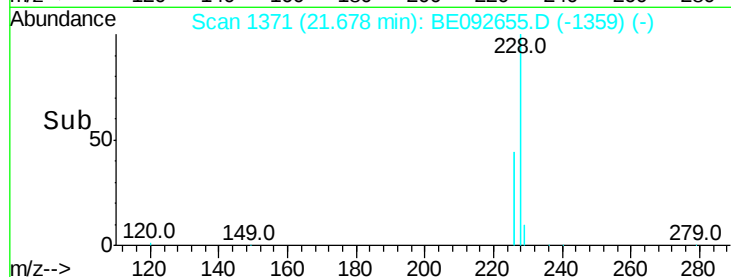
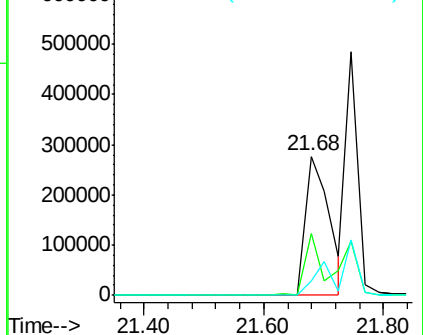
229 10.5 13.3 19.9#



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: 10.47 ng

RT: 21.68 min Scan# 1371

Delta R.T. -0.07 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

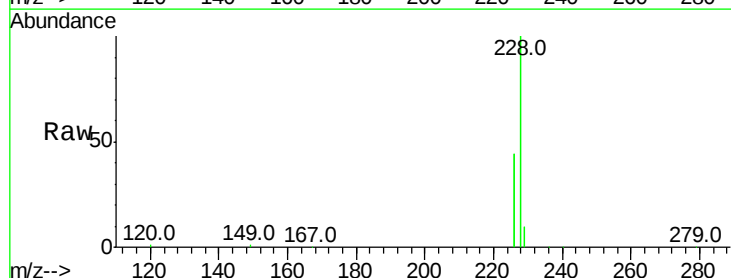
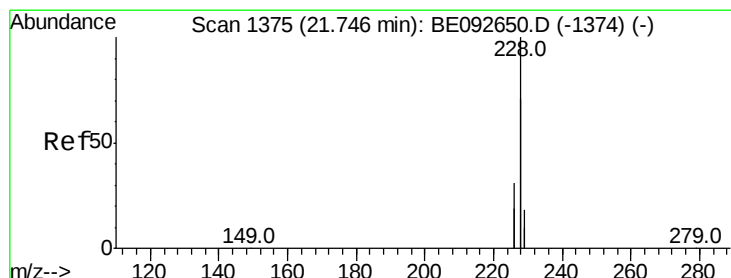
Tgt Ion:228 Resp: 762177

Ion Ratio Lower Upper

228 100

226 44.4 36.3 54.5

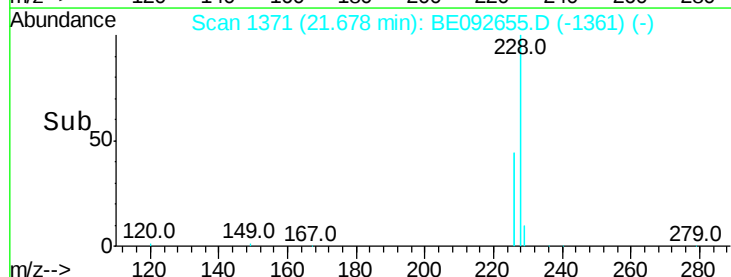
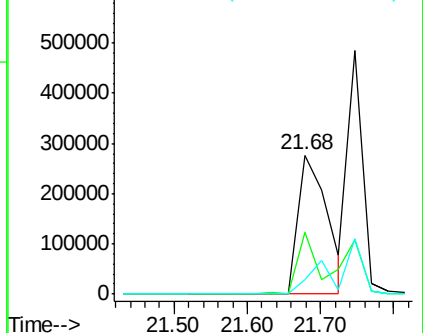
229 10.5 10.6 16.0#

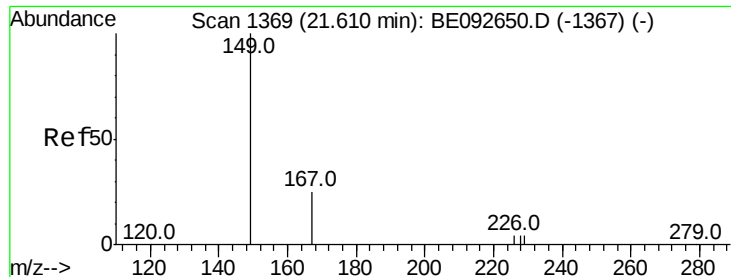


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 20.85 ng

RT: 21.61 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

Instrument :

BNA_E

ClientSampleId :

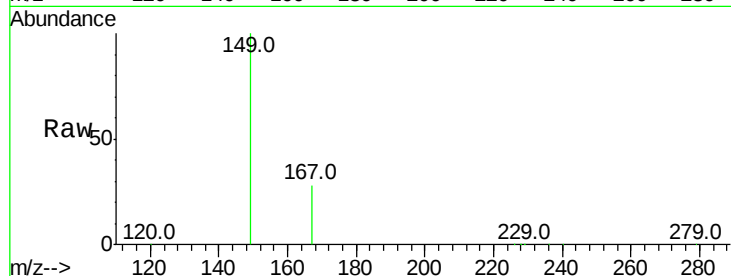
Tot Ion:149 Resp: 141747

Ion Ratio Lower Upper

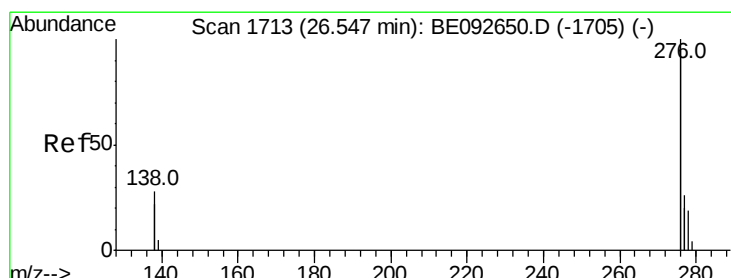
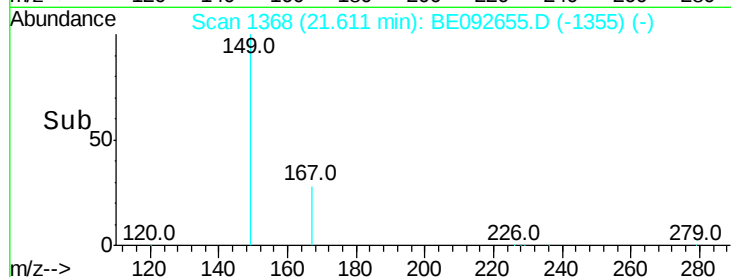
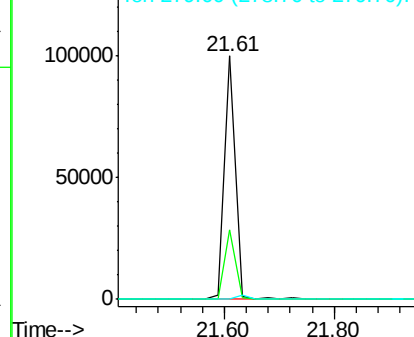
149 100

167 27.9 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: 13.15 ng

RT: 26.53 min Scan# 1711

Delta R.T. -0.02 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

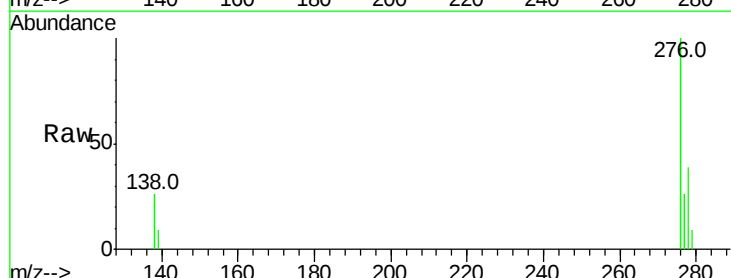
Tgt Ion:276 Resp: 864347

Ion Ratio Lower Upper

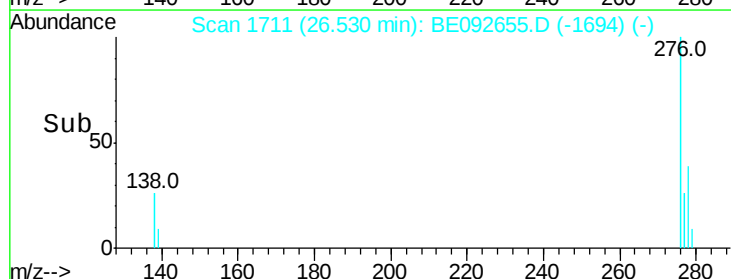
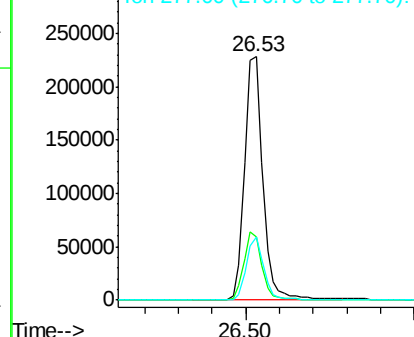
276 100

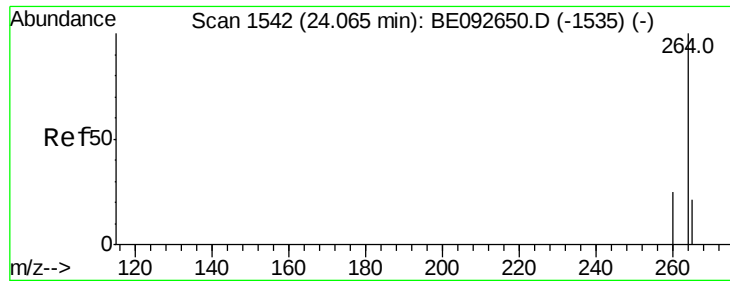
138 27.7 20.3 30.5

277 24.8 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



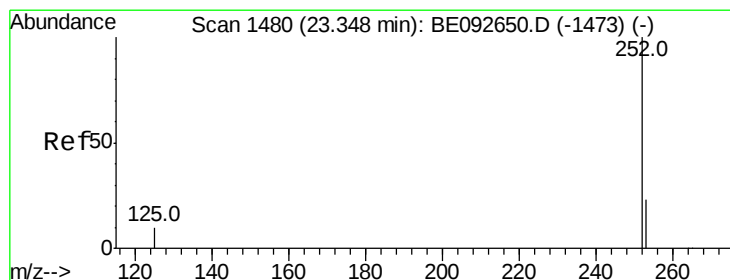
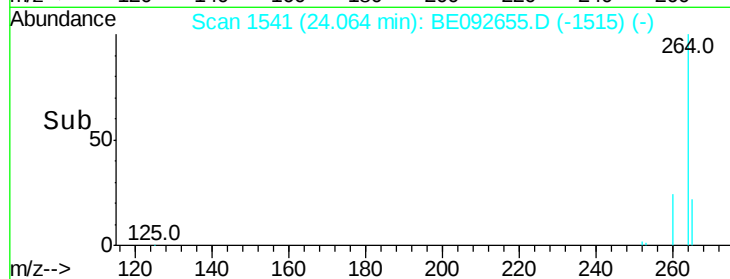
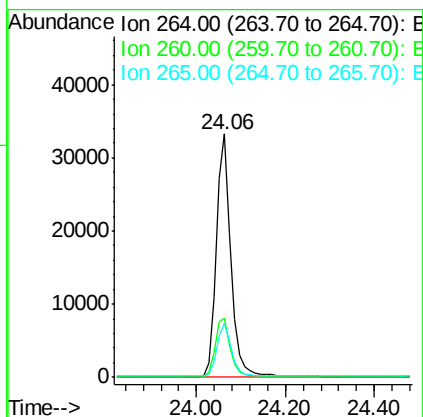
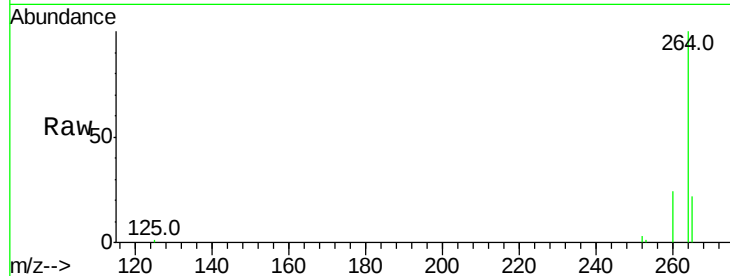


#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BE092655.D
Acq: 16 Jan 2017 17:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 75937

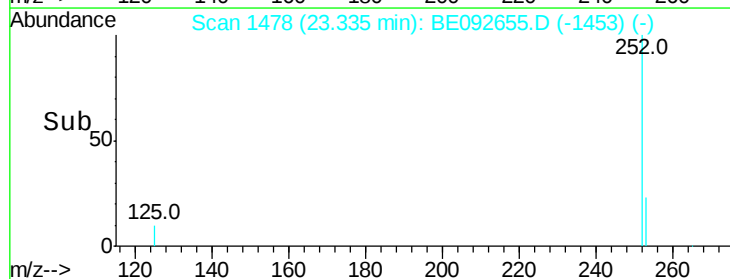
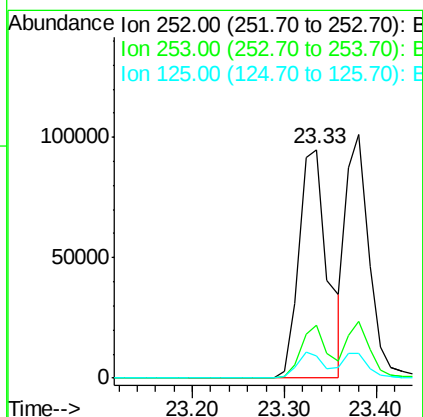
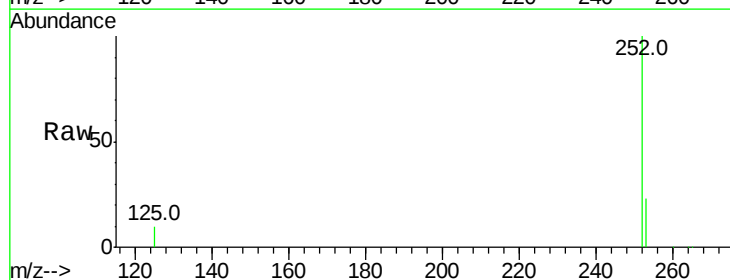
Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.1	30.1
265	22.3	17.9	26.9

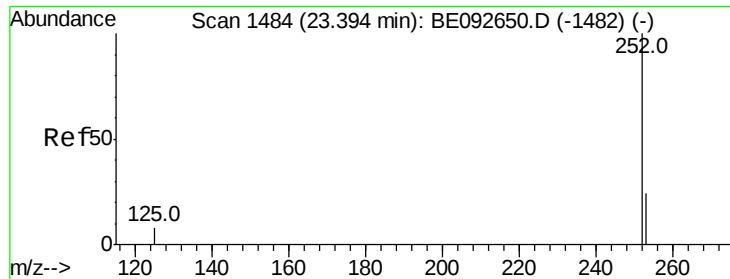


#32
Benzo(b)fluoranthene
Concen: 11.76 ng
RT: 23.33 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BE092655.D
Acq: 16 Jan 2017 17:06

Tgt Ion:252 Resp: 205343

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	9.8	10.5	15.7#





#33

Benzo(k)fluoranthene

Concen: 9.36 ng

RT: 23.38 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

Instrument :

BNA_E

ClientSampleId :

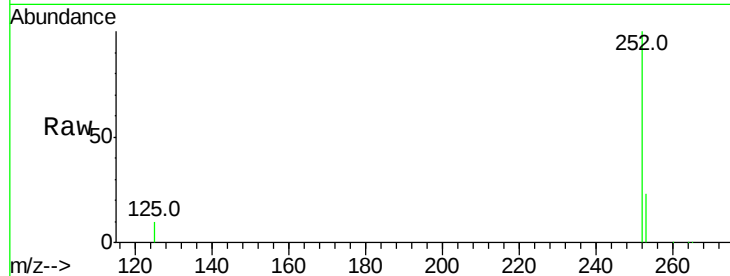
Tot Ion:252 Resp: 182314

Ion Ratio Lower Upper

252 100

253 23.1 20.3 30.5

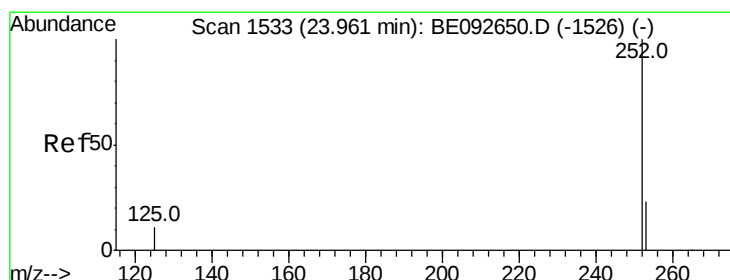
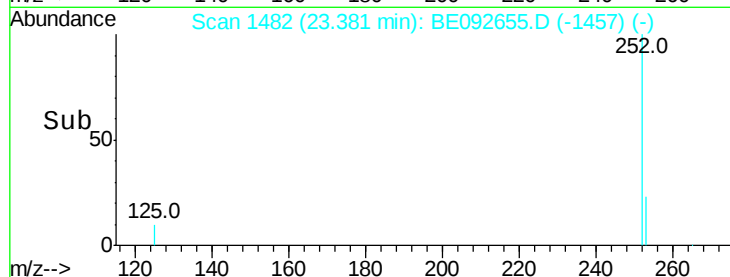
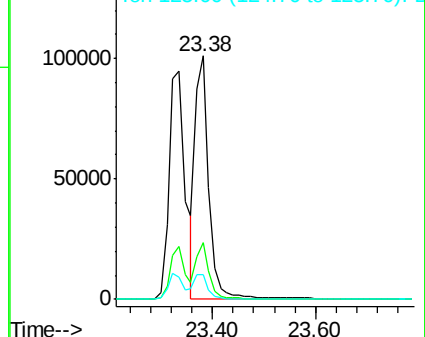
125 9.9 9.6 14.4



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: 11.08 ng

RT: 23.95 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

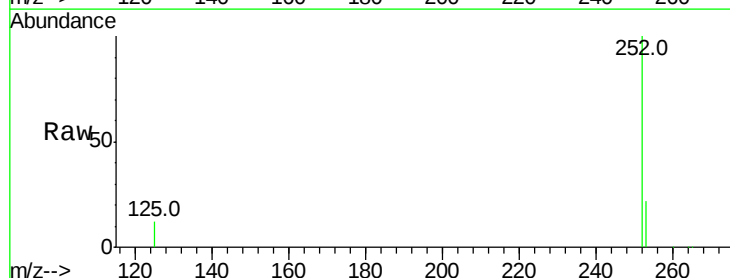
Tgt Ion:252 Resp: 186747

Ion Ratio Lower Upper

252 100

253 21.7 19.0 28.6

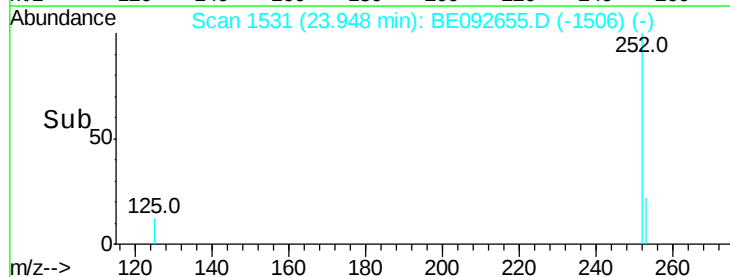
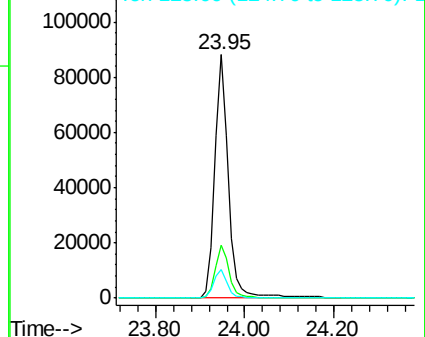
125 11.6 11.8 17.8#

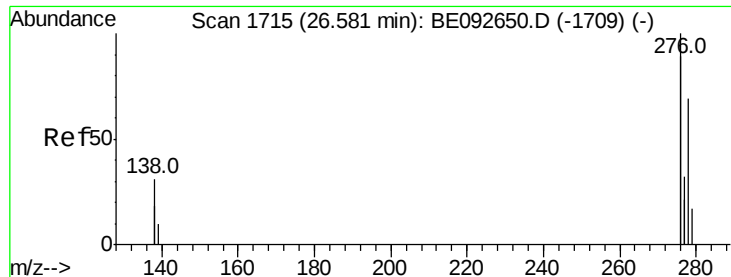


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 11.20 ng

RT: 26.55 min Scan# 1712

Delta R.T. -0.03 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

Instrument :

BNA_E

ClientSampleId :

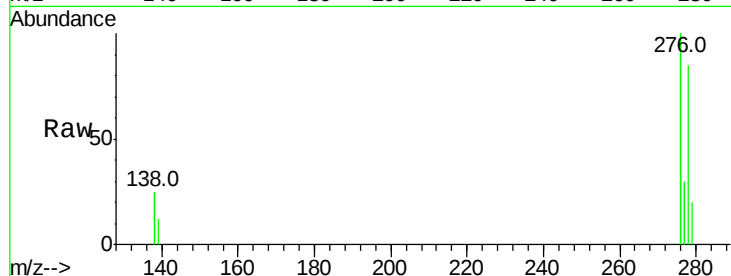
Tot Ion:278 Resp: 179311

Ion Ratio Lower Upper

278 100

139 14.5 13.8 20.8

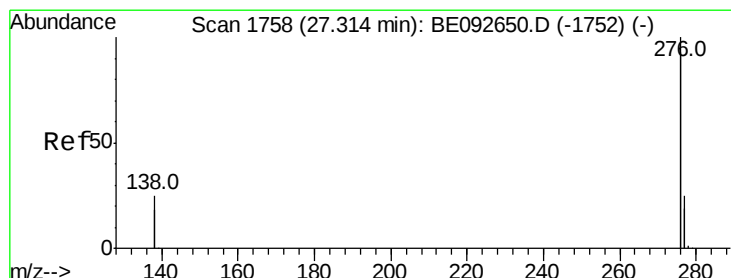
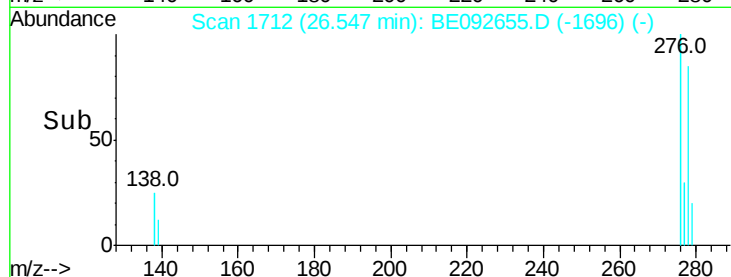
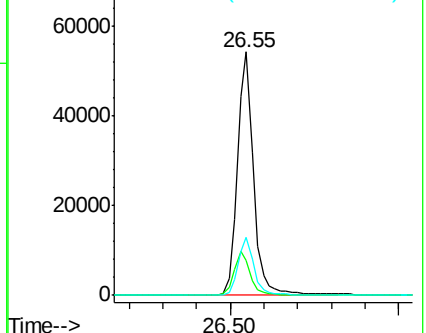
279 23.6 21.4 32.2



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: 10.64 ng

RT: 27.28 min Scan# 1755

Delta R.T. -0.03 min

Lab File: BE092655.D

Acq: 16 Jan 2017 17:06

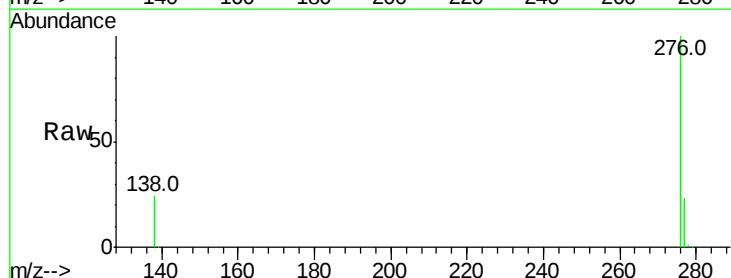
Tgt Ion:276 Resp: 729275

Ion Ratio Lower Upper

276 100

277 23.2 19.8 29.8

138 24.4 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

