

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011617\
 Data File : BE092653.D
 Acq On : 16 Jan 2017 15:49
 Operator : UM/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 16 17:45:36 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	9966	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	47089	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	31968	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	73338	5.00	ng	0.00
24) Chrysene-d12	21.72	240	71830	5.00	ng	0.00
31) Perylene-d12	24.06	264	76577	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.64	112	7079	4.67	ng	-0.01
5) Phenol-d6	7.31	99	9268	4.27	ng	-0.02
8) Nitrobenzene-d5	9.29	82	10234	3.88	ng	-0.05
13) 2,4,6-Tribromophenol	16.27	330	2859	3.96	ng	-0.02
14) 2-Fluorobiphenyl	13.40	172	24545	3.21	ng	-0.02
26) Terphenyl-d14	20.14	244	33166	3.77	ng	-0.02

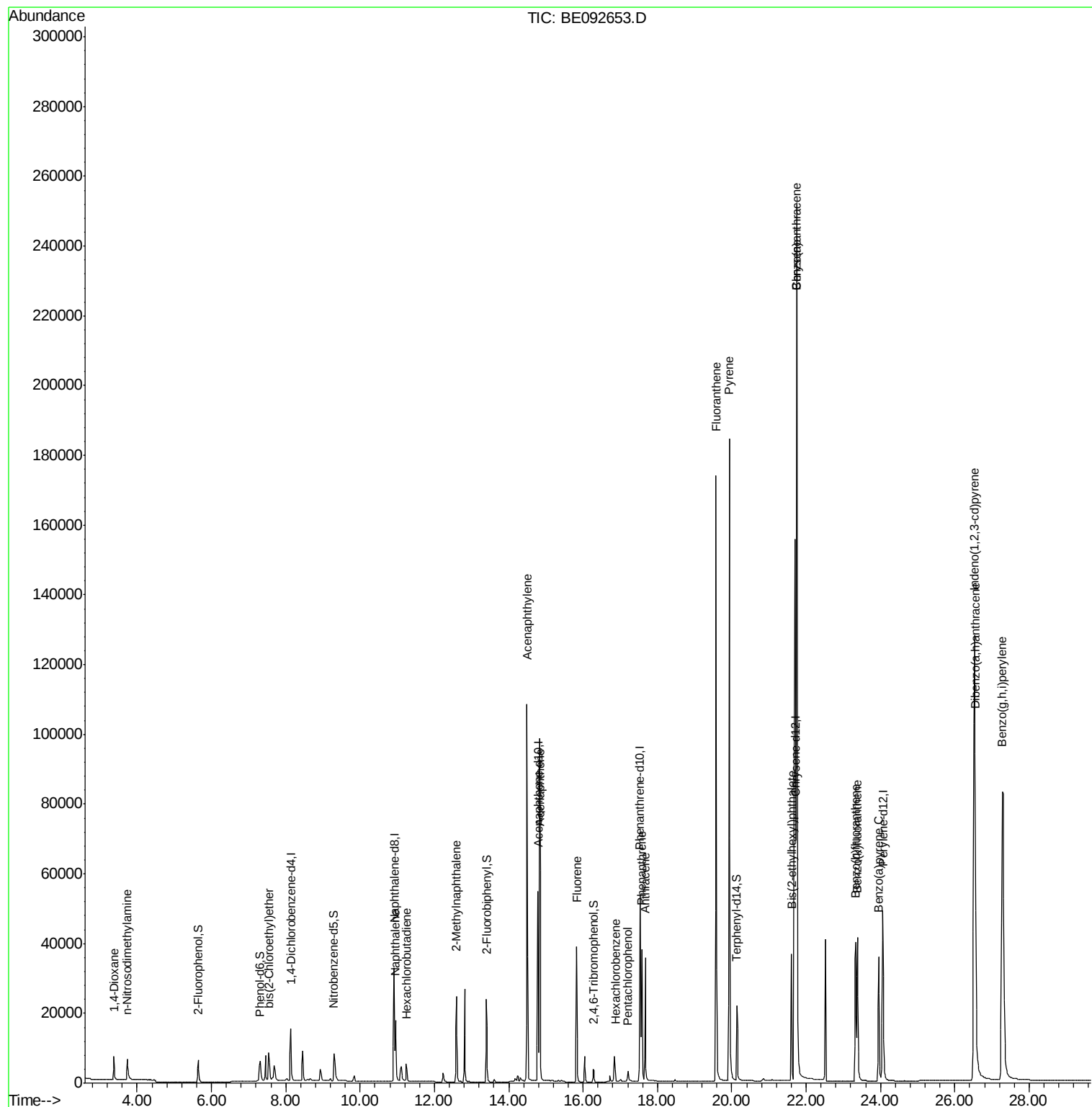
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	4345	2.97	ng	94
3) n-Nitrosodimethylamine	3.73	42	5935	4.86	ng	92
6) bis(2-Chloroethyl)ether	7.54	93	9586	4.25	ng	# 84
9) Naphthalene	10.95	128	30122	3.12	ng	# 96
10) Hexachlorobutadiene	11.24	225	4467	3.05	ng	100
11) 2-Methylnaphthalene	12.59	142	19860	3.23	ng	93
15) Acenaphthylene	14.49	152	143312	3.25	ng	100
16) Acenaphthene	14.85	154	21662	2.98	ng	92
17) Fluorene	15.83	166	28383	3.18	ng	99
19) Hexachlorobenzene	16.87	284	9362	2.99	ng	# 39
20) Pentachlorophenol	17.21	266	2829	5.31	ng	# 86
21) Phenanthrene	17.58	178	48444	2.62	ng	95
22) Anthracene	17.67	178	47898	2.83	ng	99
23) Fluoranthene	19.58	202	218098	2.73	ng	99
25) Pyrene	19.93	202	234359	3.70	ng	100
27) Benzo(a)anthracene	21.75	228	478561	7.42	ng	# 89
28) Chrysene	21.75	228	479860	6.42	ng	# 69
29) Bis(2-ethylhexyl)phthalate	21.61	149	40600	5.81	ng	# 71
30) Indeno(1,2,3-cd)pyrene	26.53	276	271452	4.02	ng	98
32) Benzo(b)fluoranthene	23.34	252	61881	3.51	ng	# 97
33) Benzo(k)fluoranthene	23.38	252	59724	3.04	ng	95
34) Benzo(a)pyrene	23.95	252	58157	3.42	ng	# 95
35) Dibenzo(a,h)anthracene	26.55	278	55866	3.46	ng	96
36) Benzo(g,h,i)perylene	27.28	276	229470	3.32	ng	97

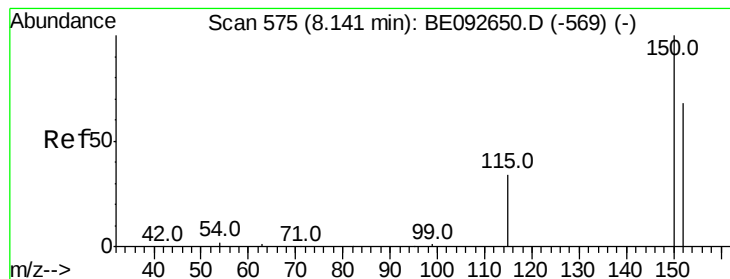
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

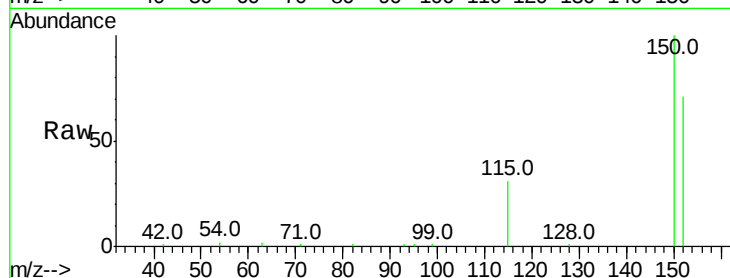
Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

Instrument :

BNA_E

ClientSampled :



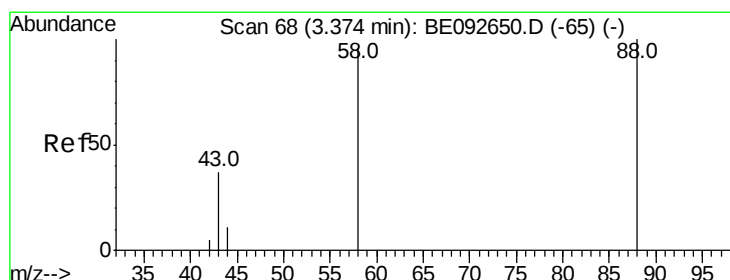
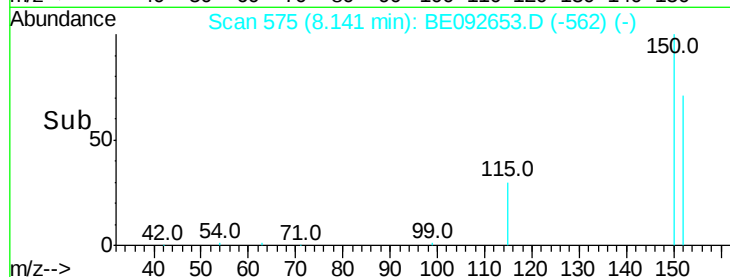
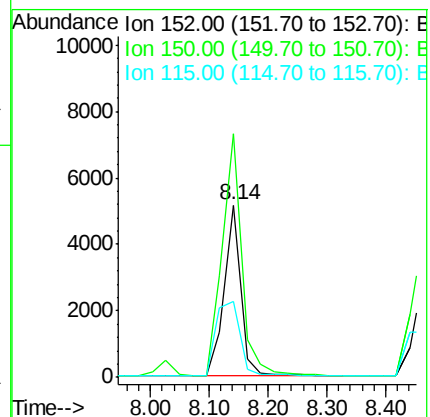
Tot Ion:152 Resp: 9966

Ion Ratio Lower Upper

152 100

150 141.2 106.0 159.0

115 43.8 31.2 46.8



#2

1,4-Dioxane

Concen: 2.97 ng

RT: 3.38 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

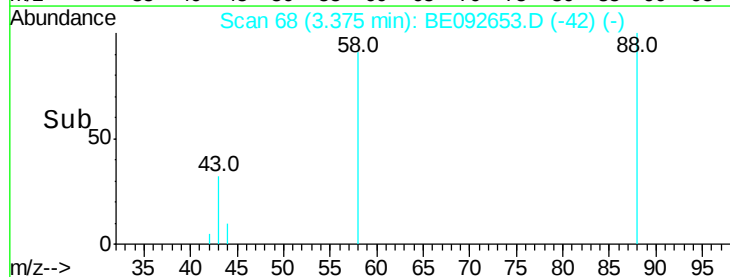
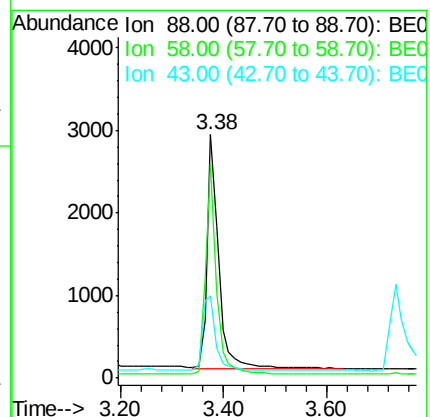
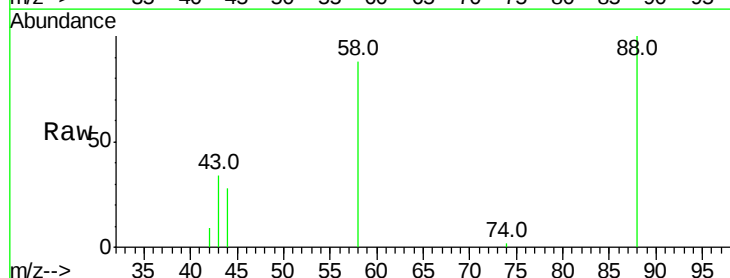
Tgt Ion: 88 Resp: 4345

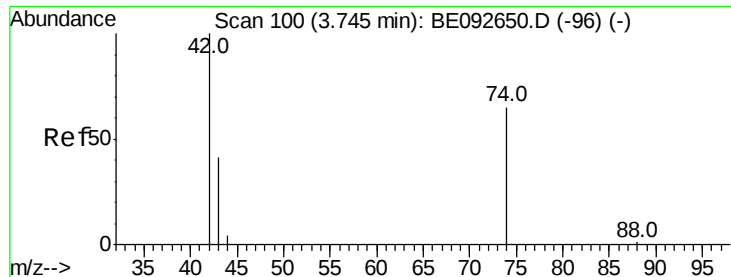
Ion Ratio Lower Upper

88 100

58 86.3 63.6 95.4

43 36.8 28.0 42.0





#3

n-Nitrosodimethylamine

Concen: 4.86 ng

RT: 3.73 min Scan# 99

Delta R.T. -0.01 min

Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

Instrument :

BNA_E

ClientSampleId :

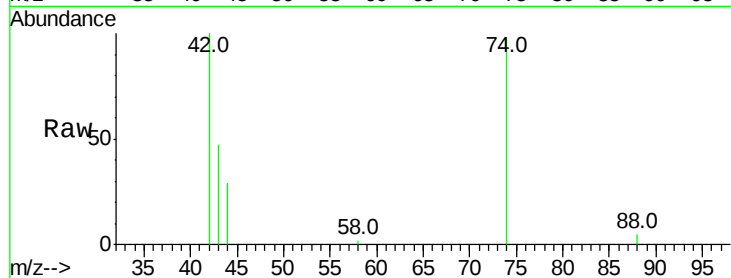
Tot Ion: 42 Resp: 5935

Ion Ratio Lower Upper

42 100

74 98.6 86.0 129.0

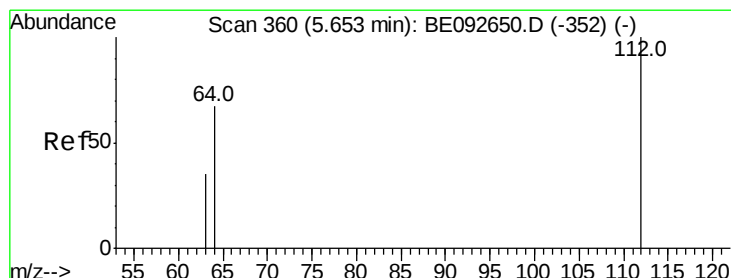
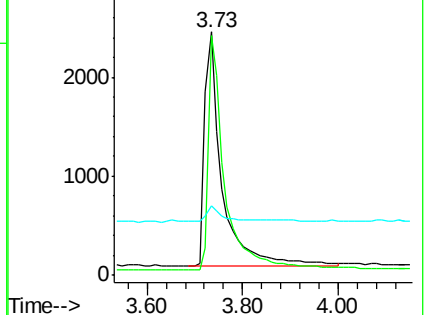
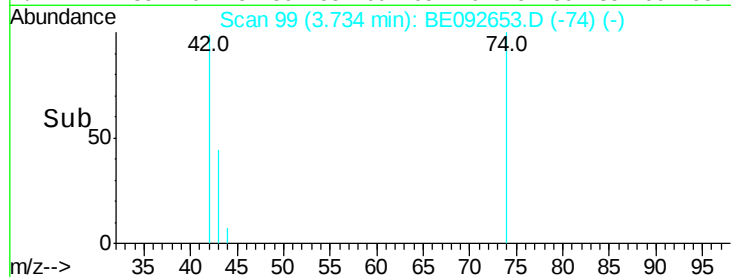
44 6.3 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 4.67 ng

RT: 5.64 min Scan# 358

Delta R.T. -0.01 min

Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

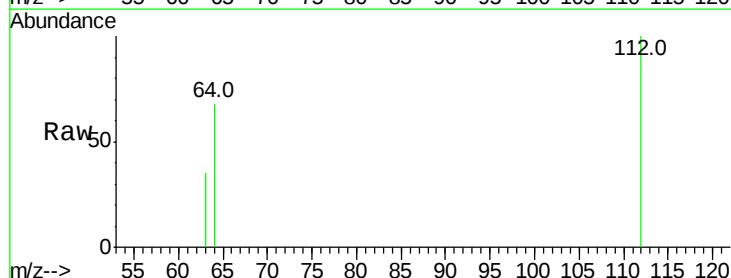
Tgt Ion: 112 Resp: 7079

Ion Ratio Lower Upper

112 100

64 68.9 53.5 80.3

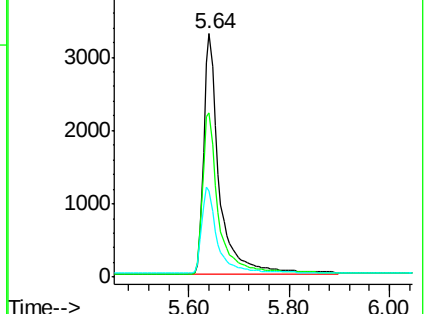
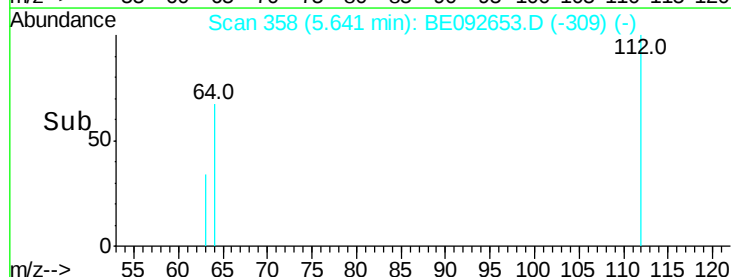
63 36.6 27.9 41.9

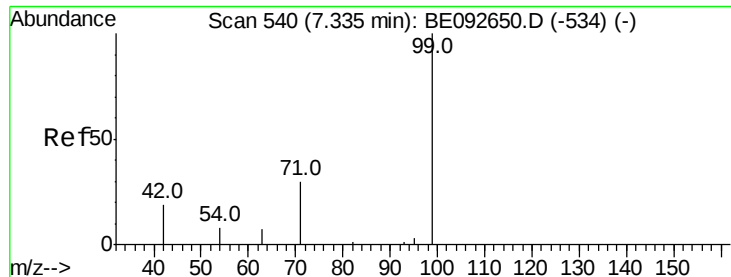


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 4.27 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

Instrument :

BNA_E

ClientSampled :

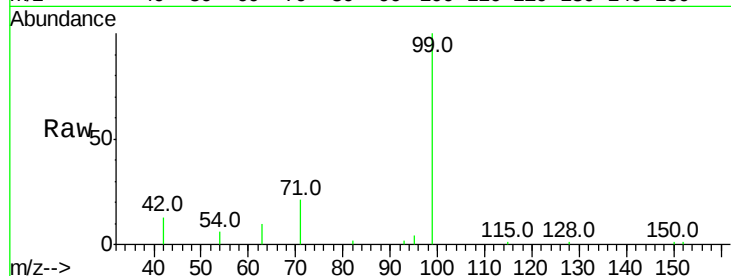
Tot Ion: 99 Resp: 9268

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

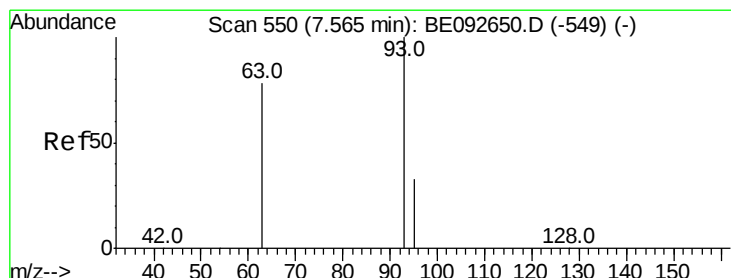
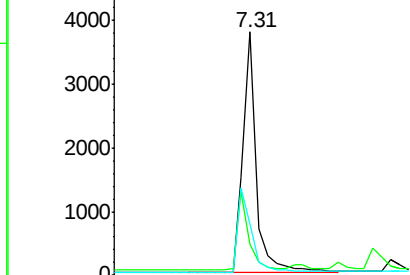
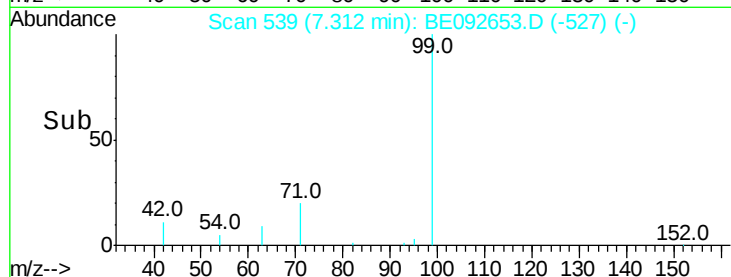
71 0.0 30.6 45.8#



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: 4.25 ng

RT: 7.54 min Scan# 549

Delta R.T. -0.02 min

Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

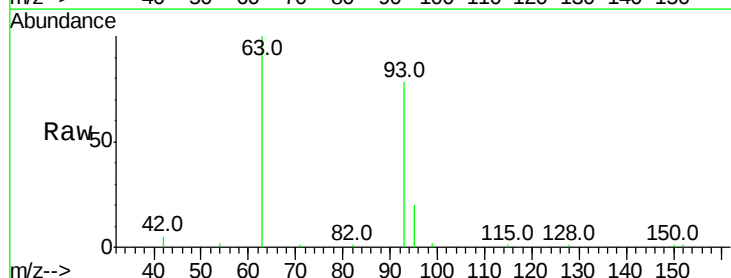
Tgt Ion: 93 Resp: 9586

Ion Ratio Lower Upper

93 100

63 86.4 71.6 107.4

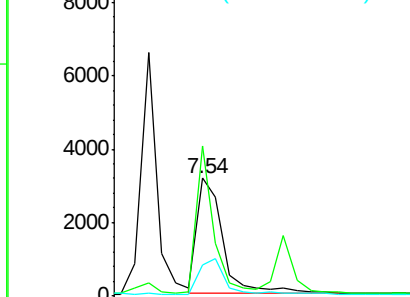
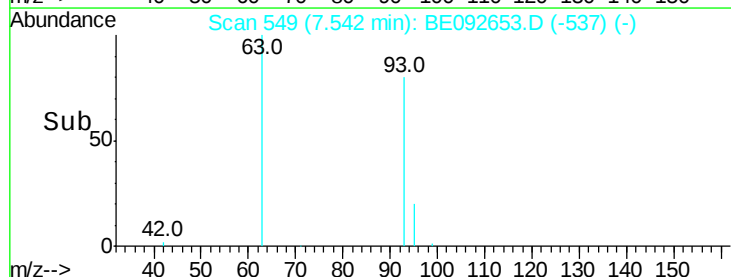
95 0.0 24.0 36.0#

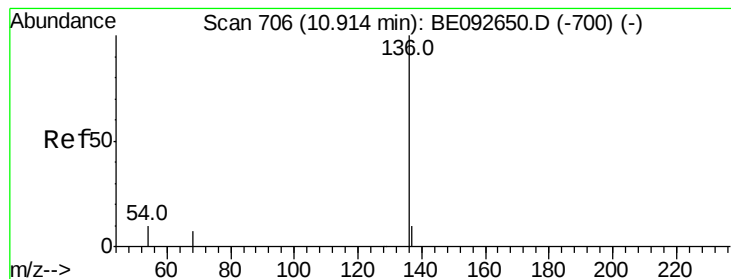


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.91 min Scan# 706

Delta R.T. -0.00 min

Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 47089

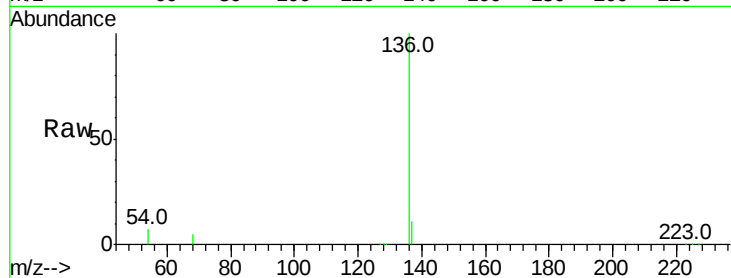
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.4

54 7.3 9.6 14.4#

68 5.4 6.7 10.1#

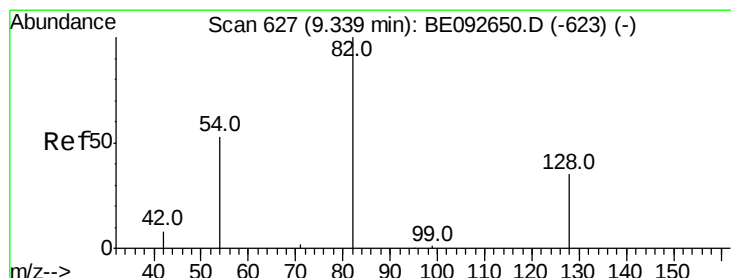
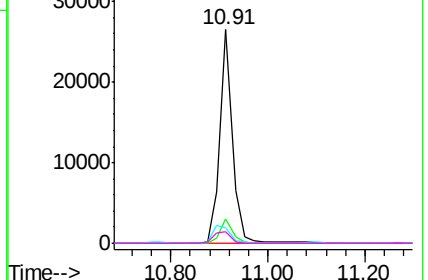
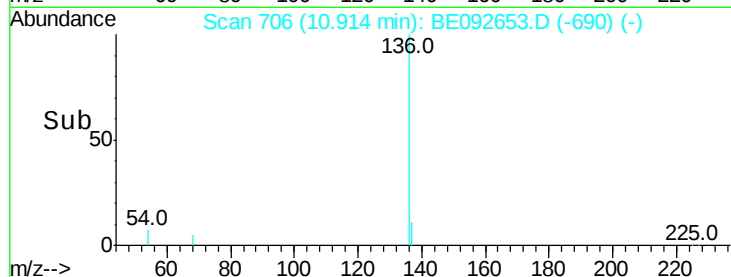


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.88 ng

RT: 9.29 min Scan# 625

Delta R.T. -0.05 min

Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

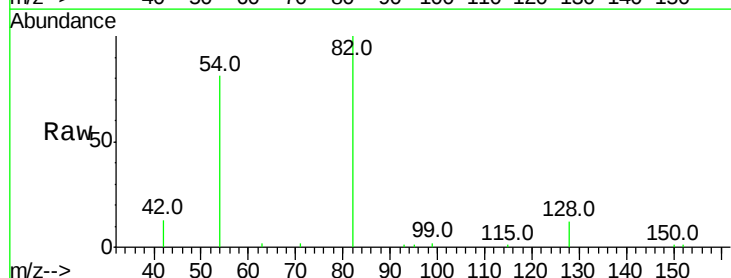
Tgt Ion: 82 Resp: 10234

Ion Ratio Lower Upper

82 100

128 11.6 39.0 58.4#

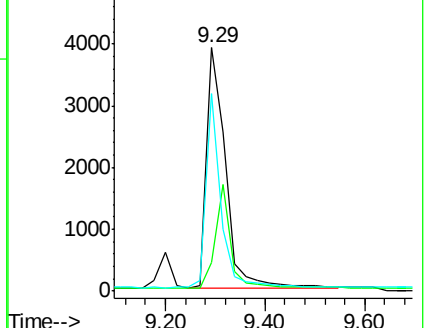
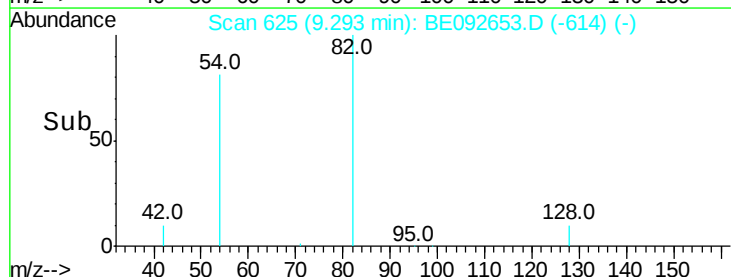
54 81.1 44.8 67.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.12 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.02 min

Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

Instrument :

BNA_E

ClientSampleId :

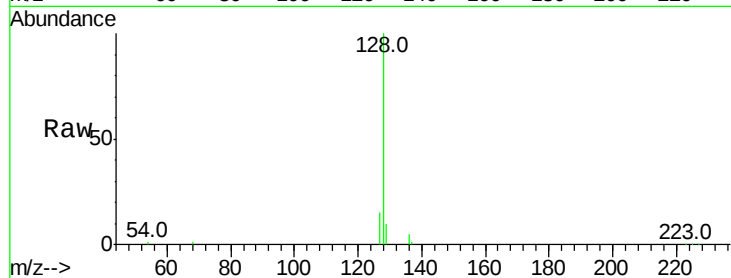
Tot Ion:128 Resp: 30122

Ion Ratio Lower Upper

128 100

129 10.4 11.2 16.8#

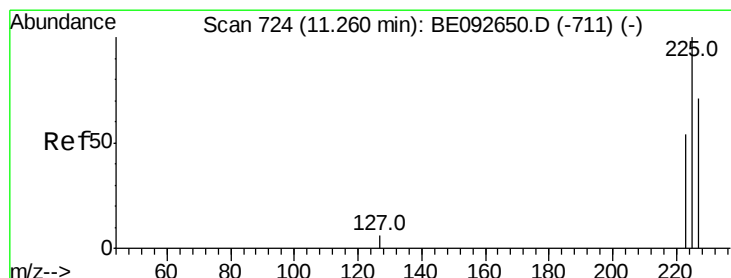
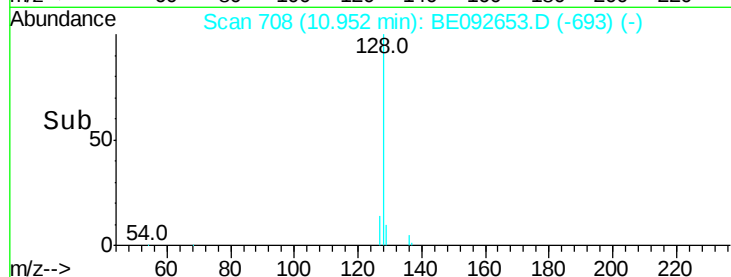
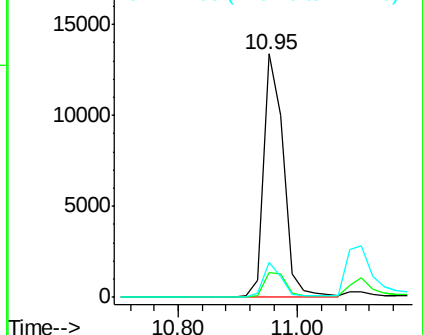
127 14.6 11.6 17.4



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: 3.05 ng

RT: 11.24 min Scan# 723

Delta R.T. -0.02 min

Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

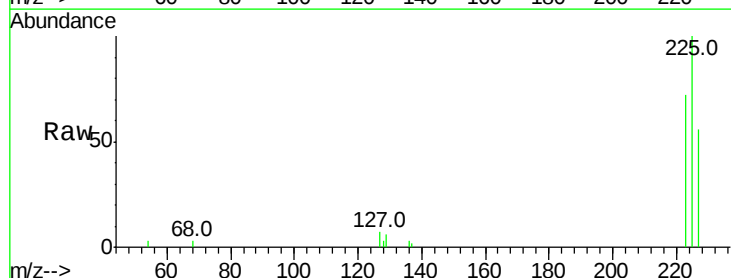
Tgt Ion:225 Resp: 4467

Ion Ratio Lower Upper

225 100

223 63.4 50.6 76.0

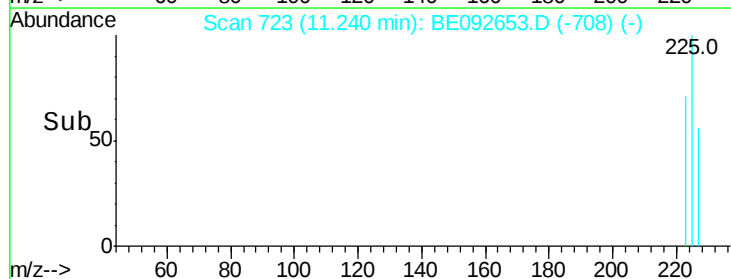
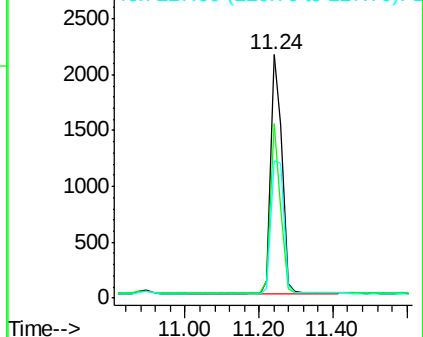
227 64.2 51.4 77.0



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: 3.23 ng

RT: 12.59 min Scan# 811

Delta R.T. -0.02 min

Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

Instrument :

BNA_E

ClientSampleId :

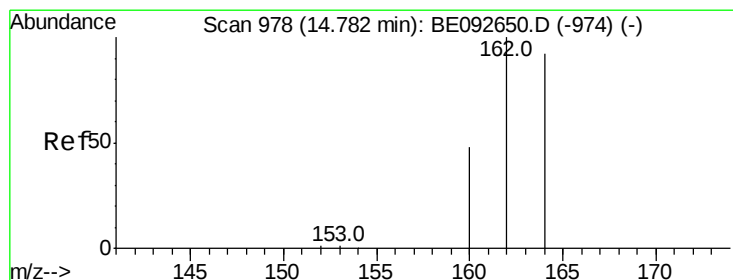
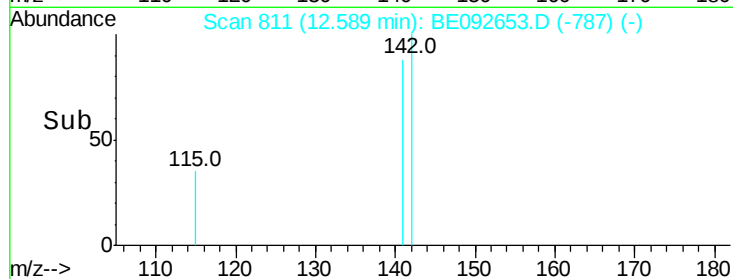
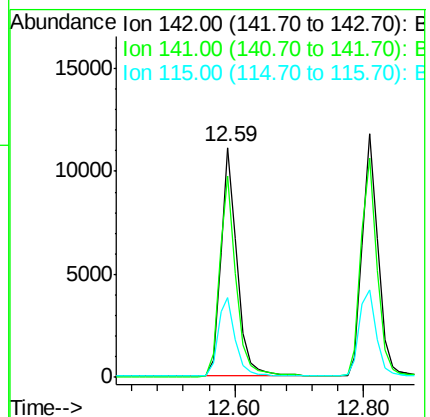
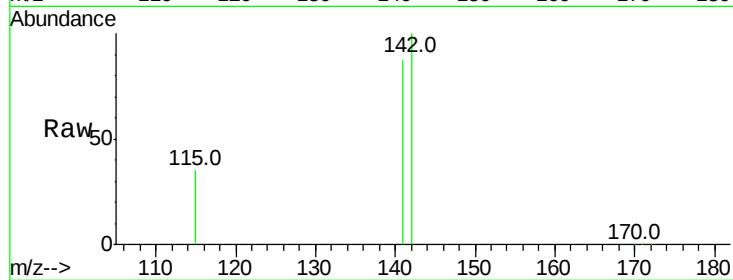
Tot Ion:142 Resp: 19860

Ion Ratio Lower Upper

142 100

141 87.5 73.7 110.5

115 34.6 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: BE092653.D

Acq: 16 Jan 2017 15:49

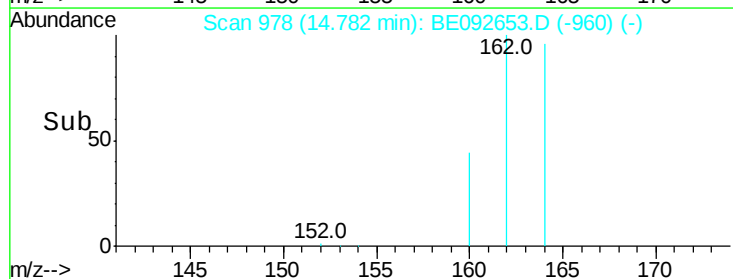
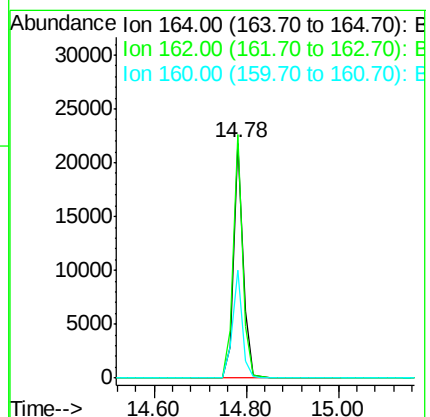
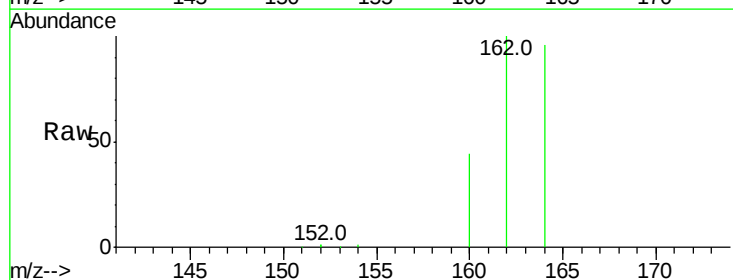
Tgt Ion:164 Resp: 31968

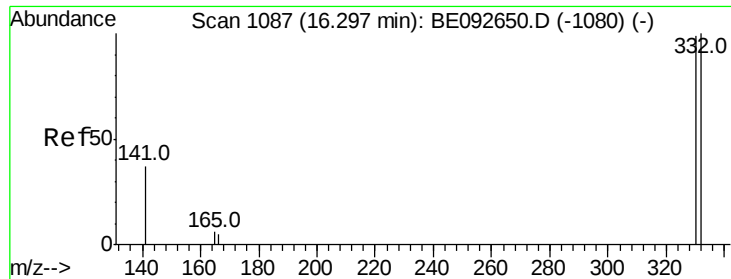
Ion Ratio Lower Upper

164 100

162 103.7 71.4 107.0

160 45.8 27.4 41.2#

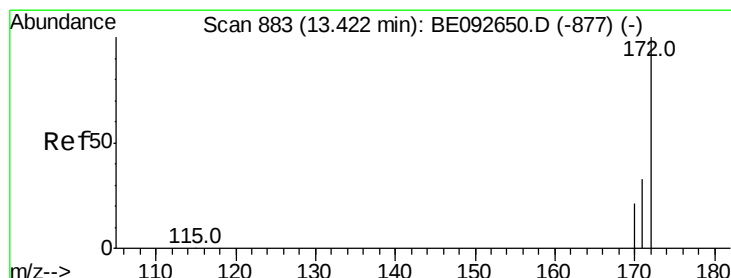
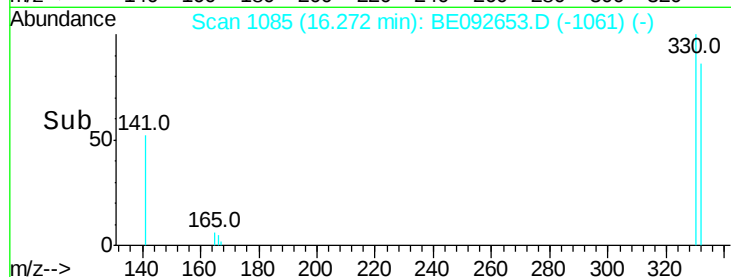
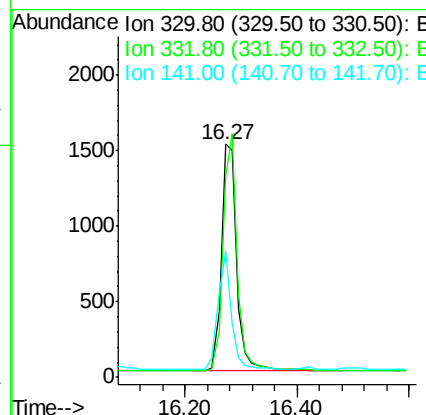
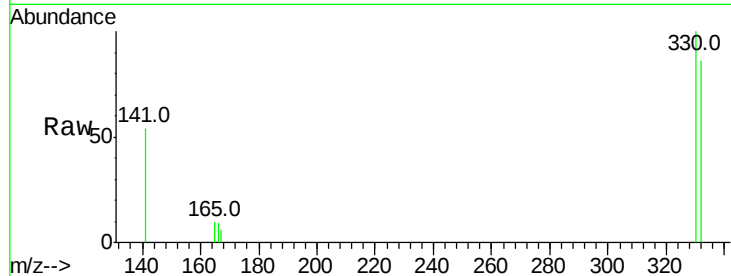




#13
 2,4,6-Tribromophenol
 Concen: 3.96 ng
 RT: 16.27 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BE092653.D
 Acq: 16 Jan 2017 15:49

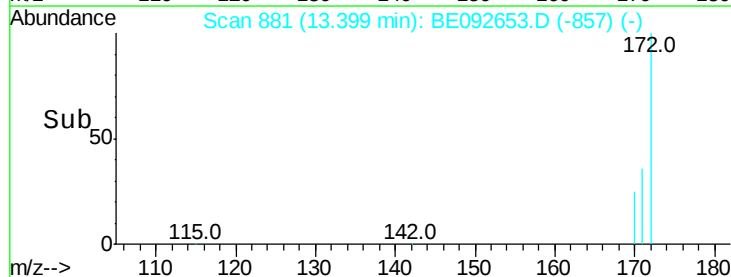
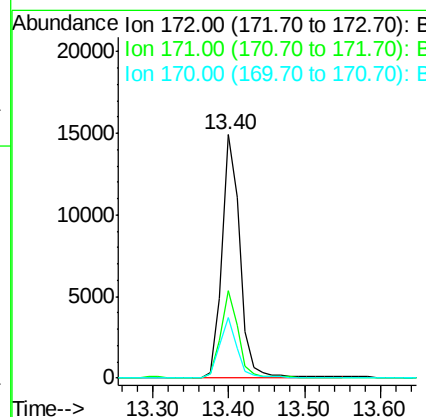
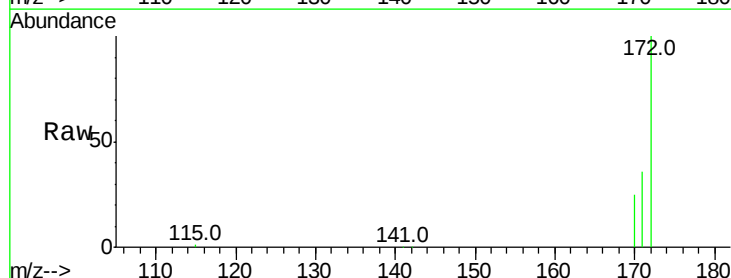
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 2859
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.4 113.0
 141 45.1 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.21 ng
 RT: 13.40 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BE092653.D
 Acq: 16 Jan 2017 15:49

Tgt Ion:172 Resp: 24545
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.1 45.1
 170 24.8 21.8 32.6

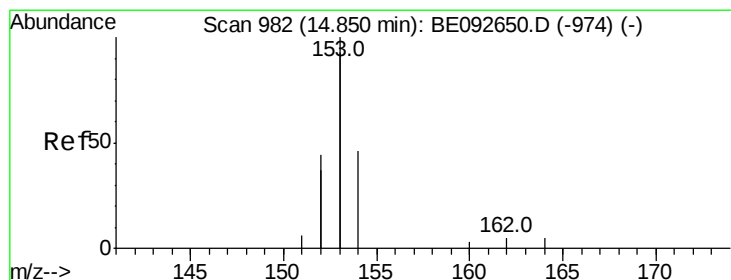
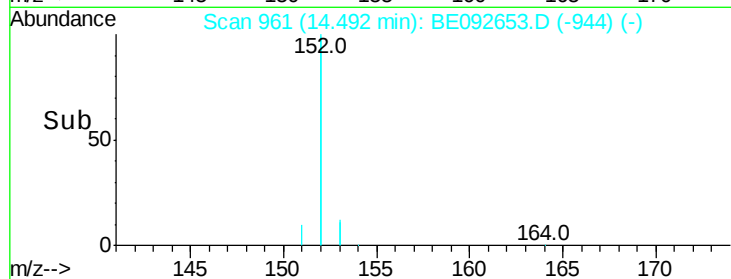
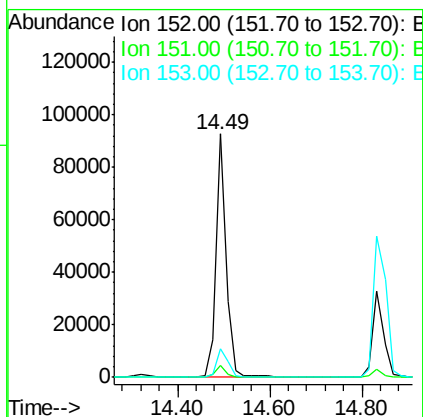
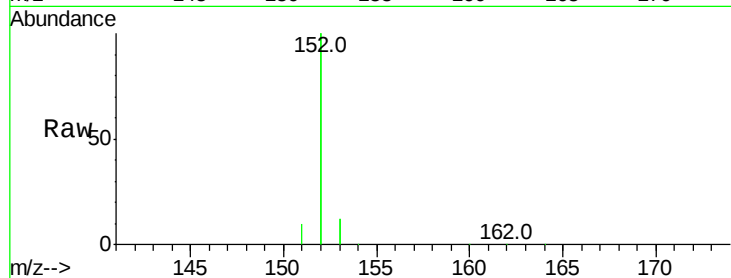




#15
Acenaphthylene
Concen: 3.25 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

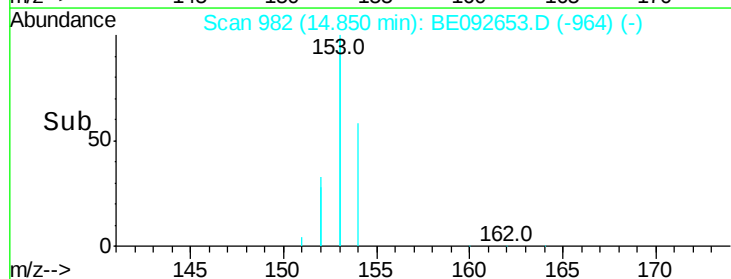
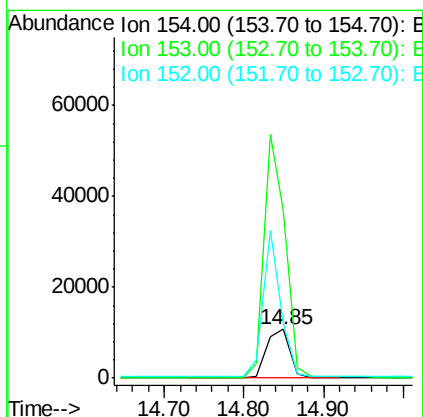
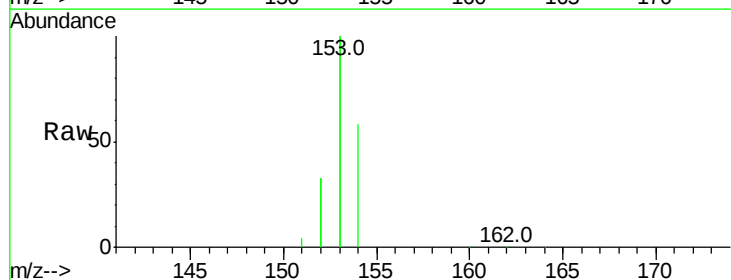
Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 143312
Ion Ratio Lower Upper
152 100
151 4.8 3.9 5.9
153 13.0 10.4 15.6



#16
Acenaphthene
Concen: 2.98 ng
RT: 14.85 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion:154 Resp: 21662
Ion Ratio Lower Upper
154 100
153 454.5 350.8 526.2
152 232.9 171.1 256.7

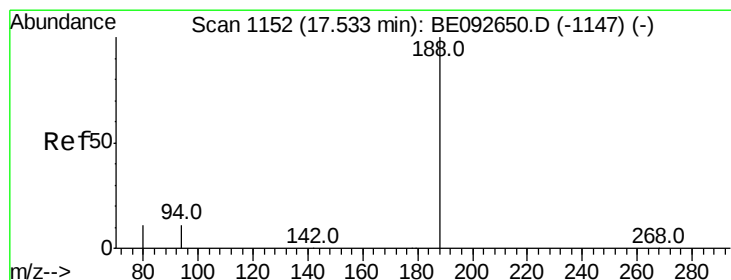
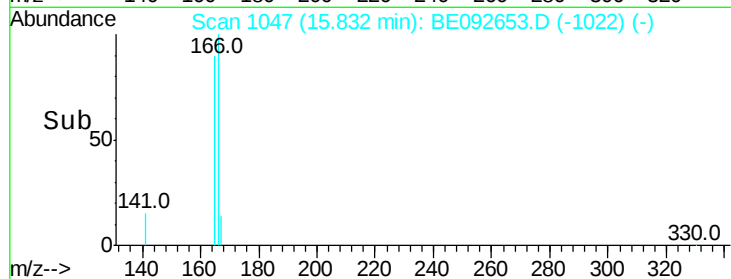
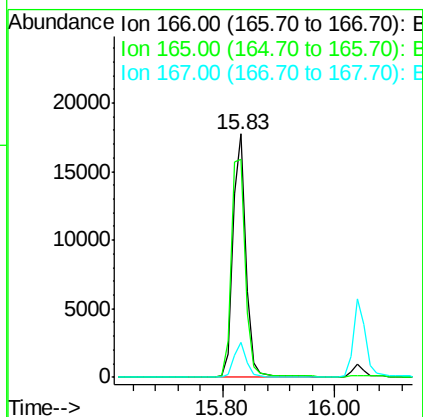
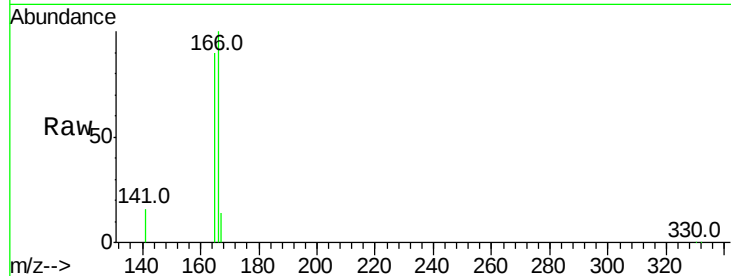




#17
Fluorene
 Concen: 3.18 ng
 RT: 15.83 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BE092653.D
 Acq: 16 Jan 2017 15:49

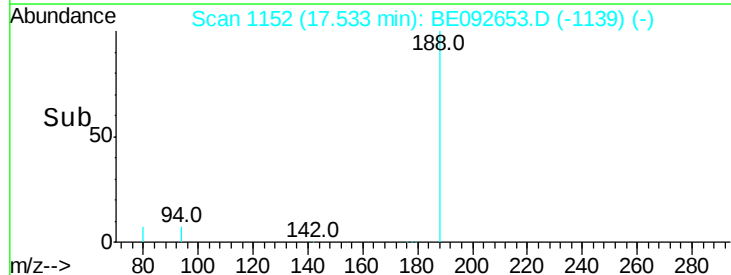
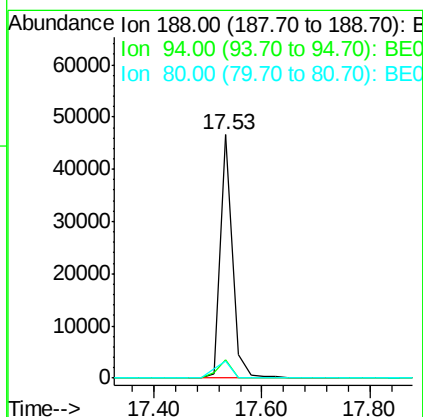
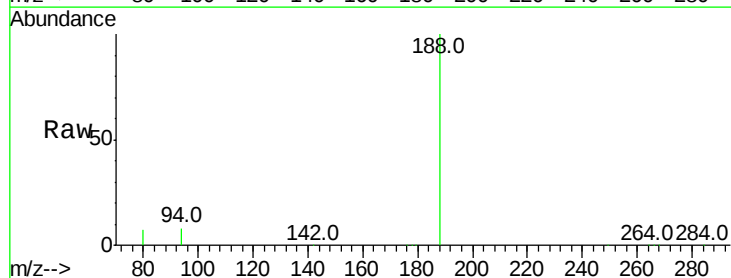
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:166 Resp: 28383
 Ion Ratio Lower Upper
 166 100
 165 99.1 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: BE092653.D
 Acq: 16 Jan 2017 15:49

Tgt Ion:188 Resp: 73338
 Ion Ratio Lower Upper
 188 100
 94 7.6 3.2 4.8#
 80 7.1 2.6 3.8#

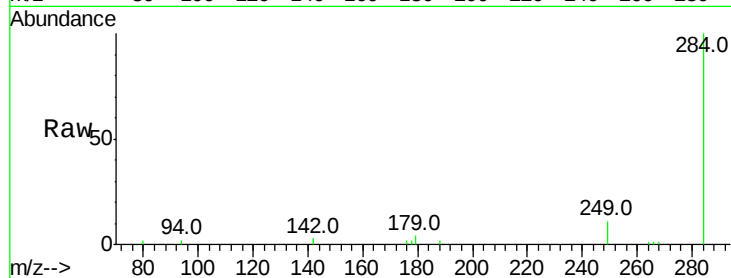




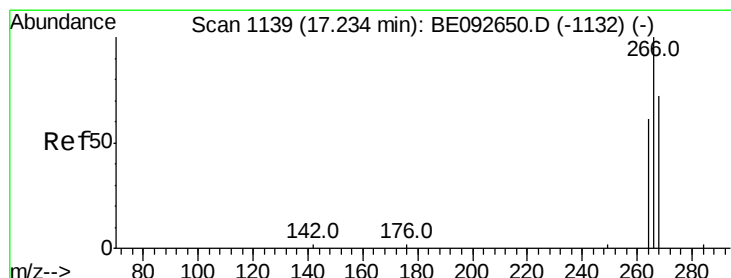
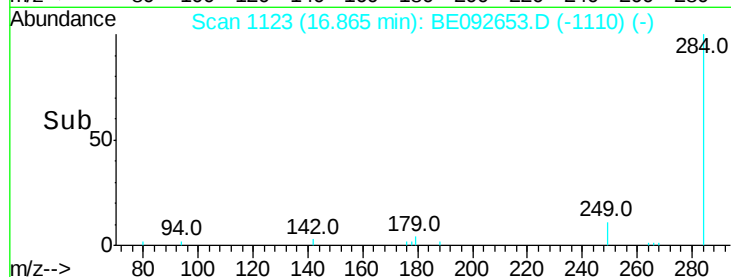
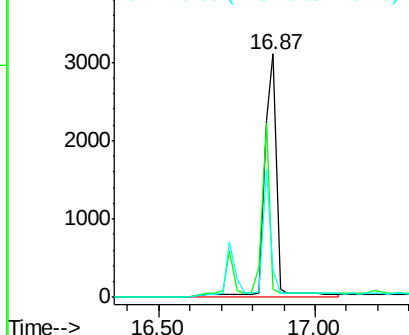
#19
Hexachlorobenzene
Concen: 2.99 ng
RT: 16.87 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 9362
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 0.0 27.9 41.9#

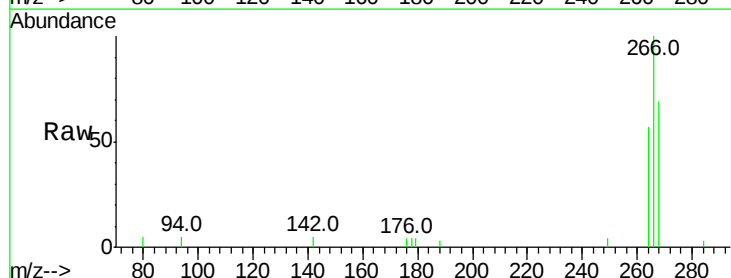


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

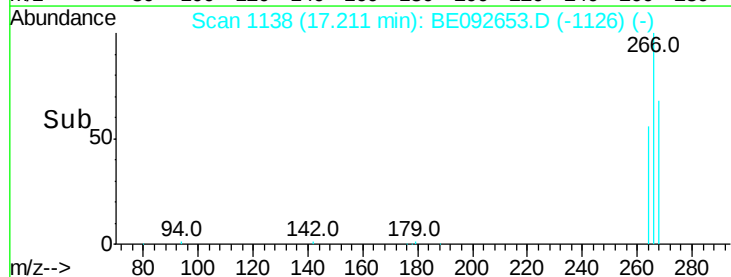
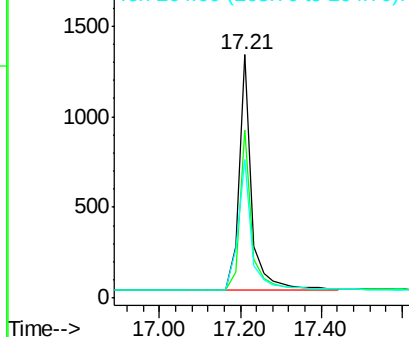


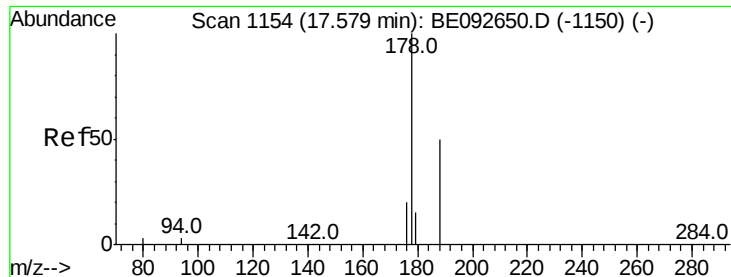
#20
Pentachlorophenol
Concen: 5.31 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion:266 Resp: 2829
Ion Ratio Lower Upper
266 100
268 68.9 62.5 93.7
264 56.9 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: 2.62 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

Instrument :

BNA_E

ClientSampleId :

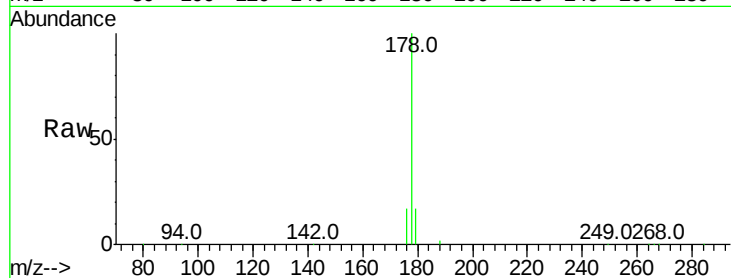
Tot Ion:178 Resp: 48444

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

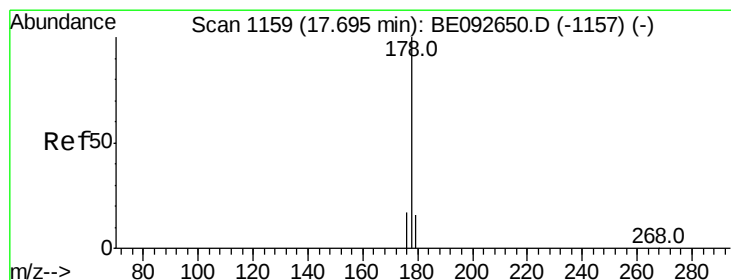
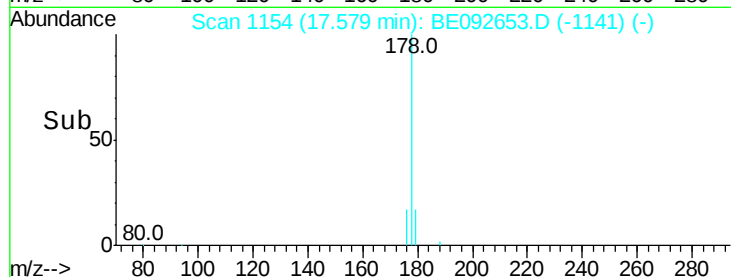
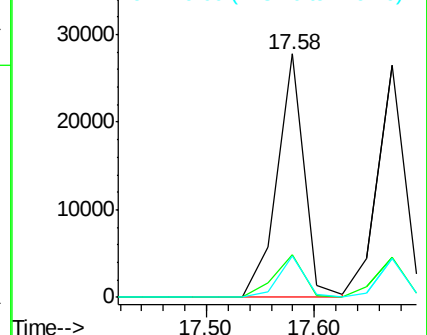
179 16.0 16.0 24.0



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: 2.83 ng

RT: 17.67 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

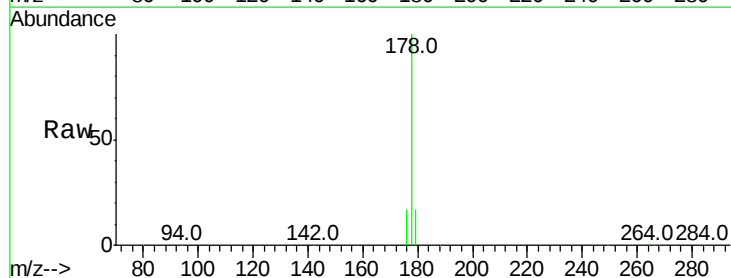
Tgt Ion:178 Resp: 47898

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

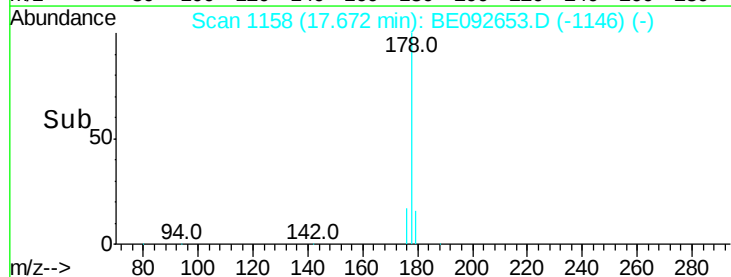
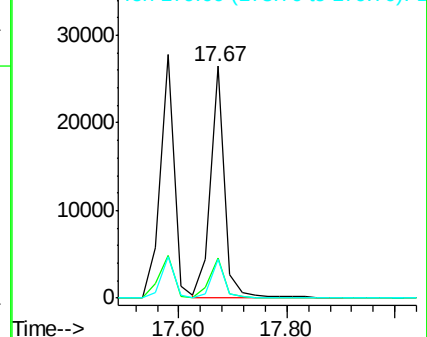
179 15.9 12.2 18.2

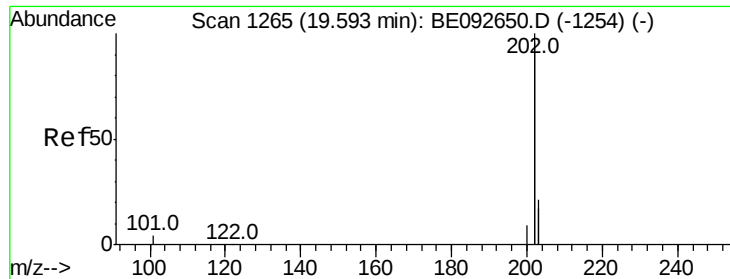


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 2.73 ng

RT: 19.58 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

Instrument :

BNA_E

ClientSampleId :

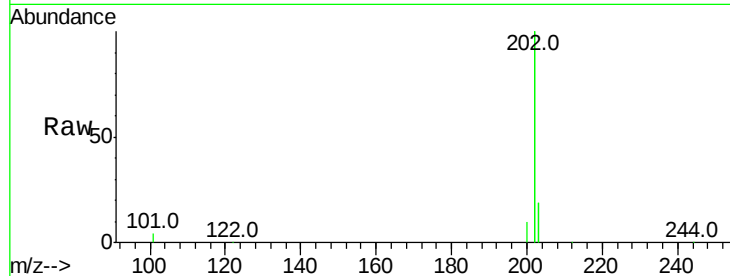
Tot Ion:202 Resp: 218098

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

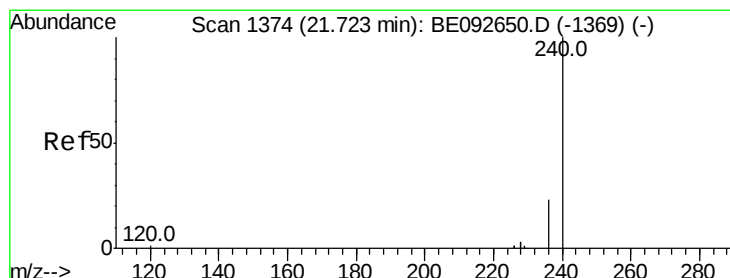
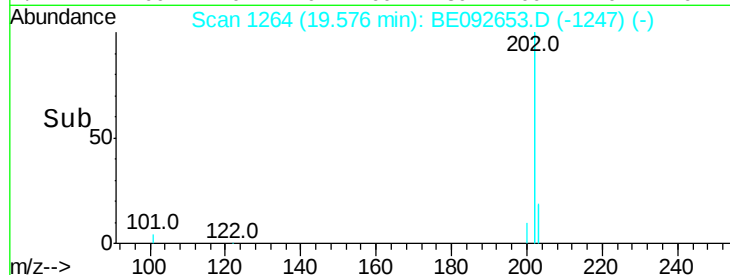
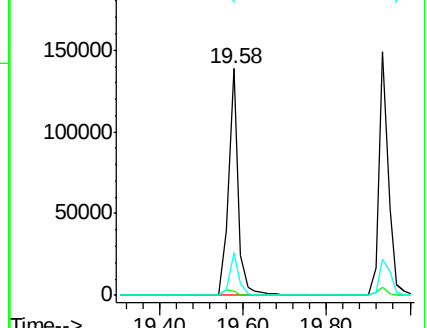
203 17.7 13.7 20.5



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: BE092653.D

Acq: 16 Jan 2017 15:49

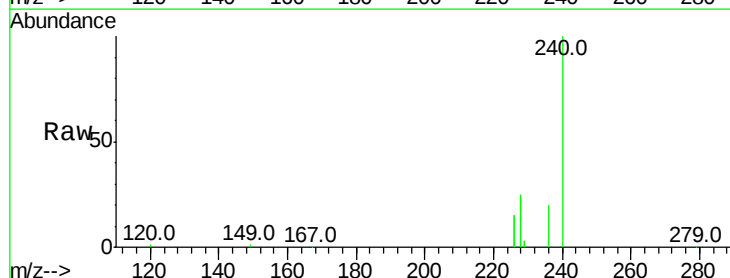
Tgt Ion:240 Resp: 71830

Ion Ratio Lower Upper

240 100

120 1.0 2.6 4.0#

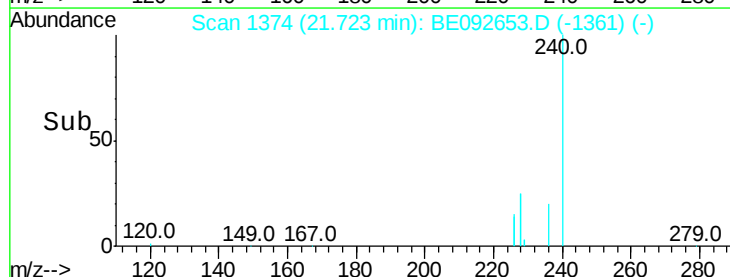
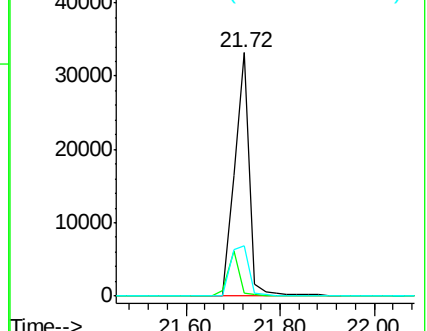
236 20.5 24.6 37.0#

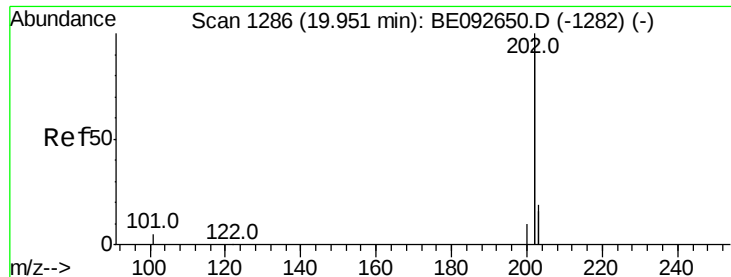


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 3.70 ng

RT: 19.93 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

Instrument :

BNA_E

ClientSampleId :

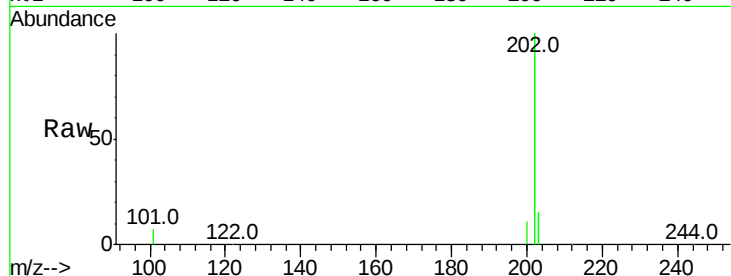
Tot Ion:202 Resp: 234359

Ion Ratio Lower Upper

202 100

200 5.4 4.2 6.4

203 17.4 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

19.93

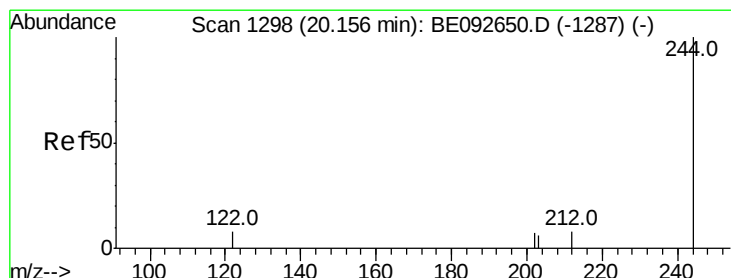
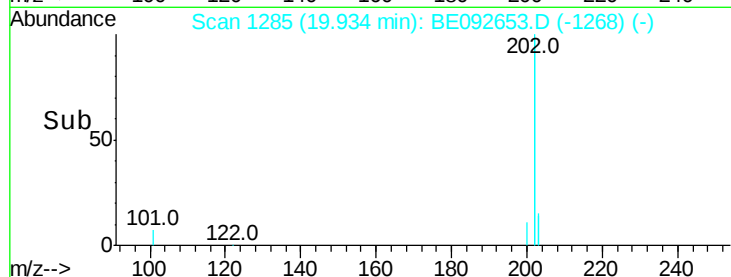
150000

100000

50000

0

Time--> 19.80 20.00



#26

Terphenyl-d14

Concen: 3.77 ng

RT: 20.14 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

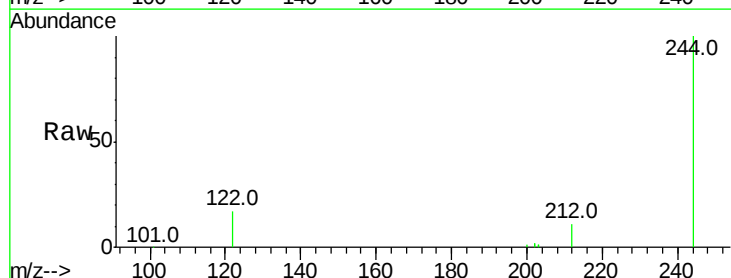
Tgt Ion:244 Resp: 33166

Ion Ratio Lower Upper

244 100

212 10.6 6.7 10.1#

122 17.1 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

20.14

20000

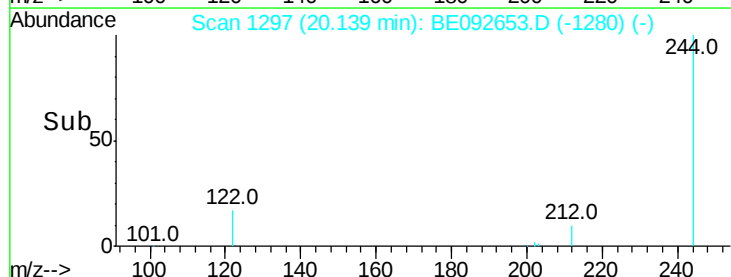
15000

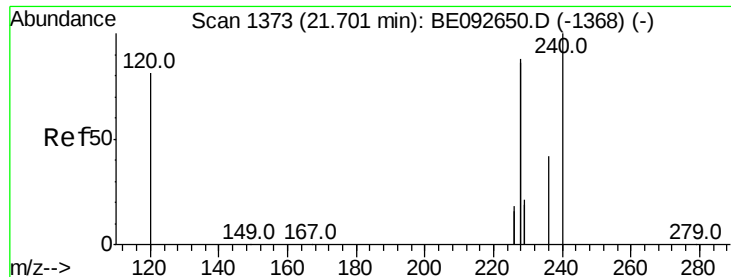
10000

5000

0

Time--> 20.00 20.20 20.40

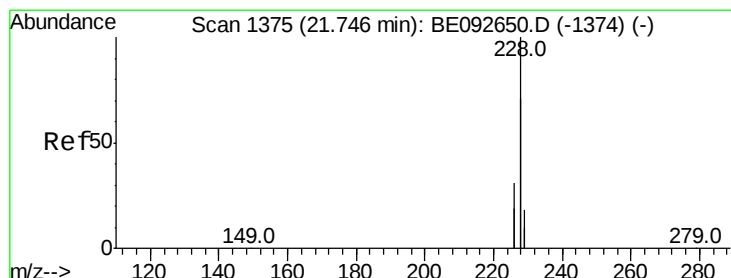
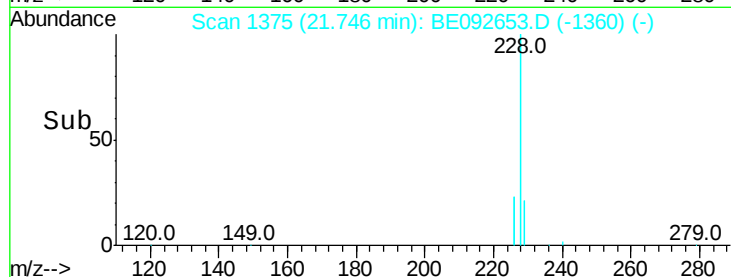
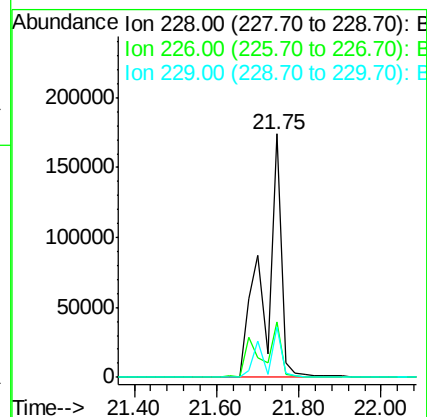
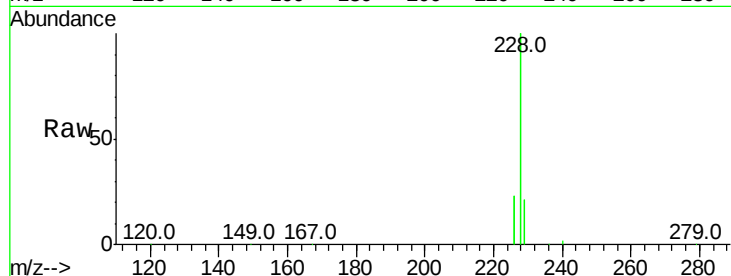




#27
Benzo(a)anthracene
Concen: 7.42 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.05 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

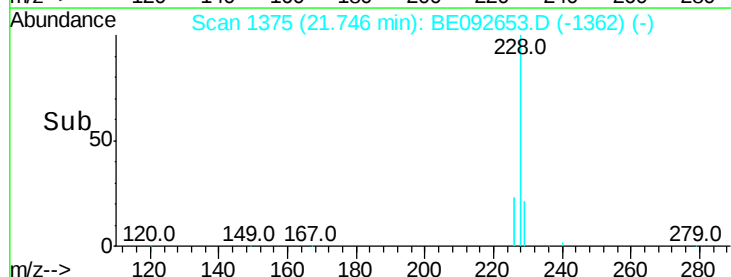
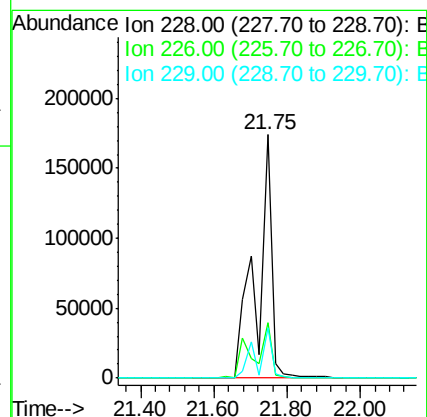
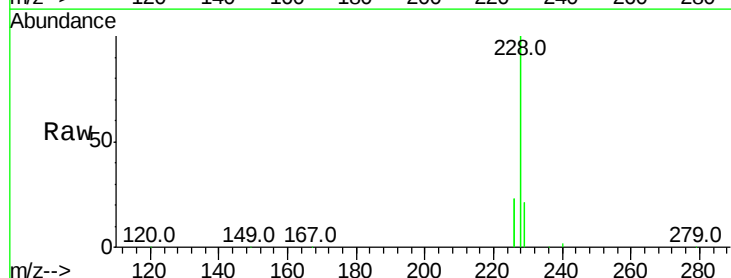
Instrument :
BNA_E
ClientSampleId :

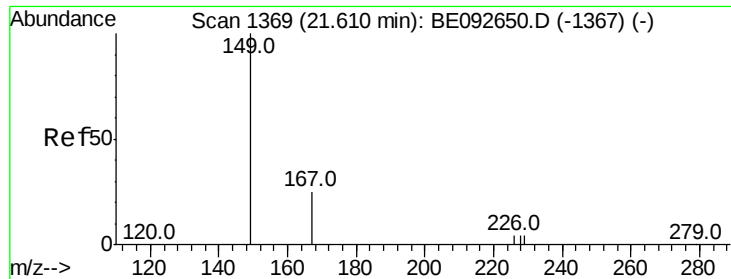
Tot Ion:228 Resp: 478561
Ion Ratio Lower Upper
228 100
226 22.9 23.6 35.4#
229 20.7 13.3 19.9#



#28
Chrysene
Concen: 6.42 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion:228 Resp: 479860
Ion Ratio Lower Upper
228 100
226 22.9 36.3 54.5#
229 20.7 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 5.81 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

Instrument :

BNA_E

ClientSampleId :

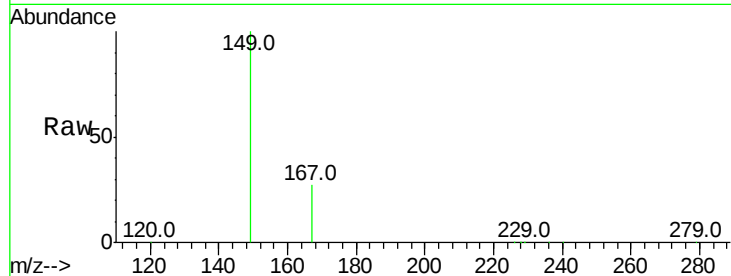
Tot Ion:149 Resp: 40600

Ion Ratio Lower Upper

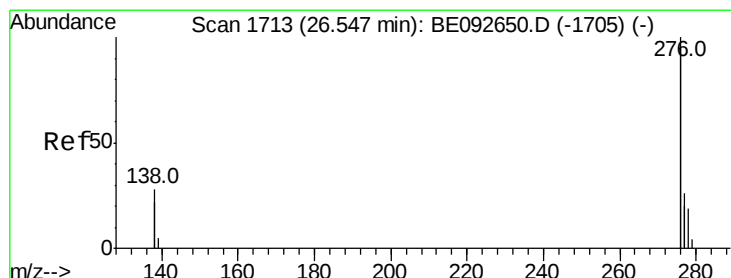
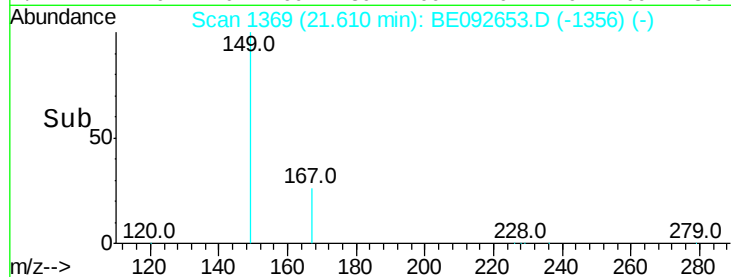
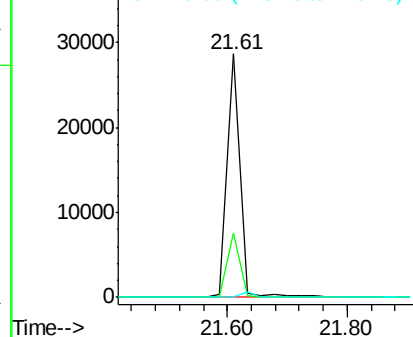
149 100

167 26.3 16.0 24.0#

279 0.0 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#30

Indeno(1,2,3-cd)pyrene

Concen: 4.02 ng

RT: 26.53 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

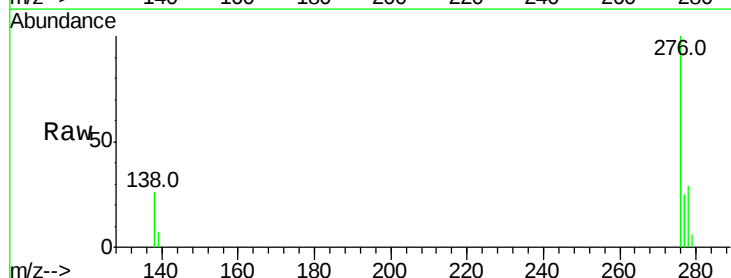
Tgt Ion:276 Resp: 271452

Ion Ratio Lower Upper

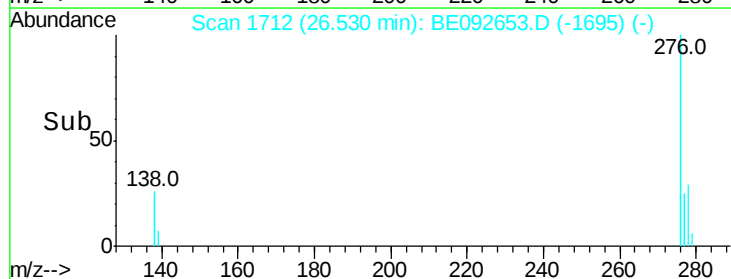
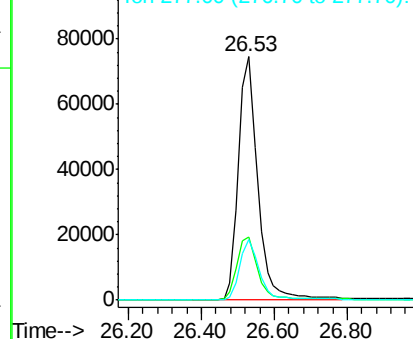
276 100

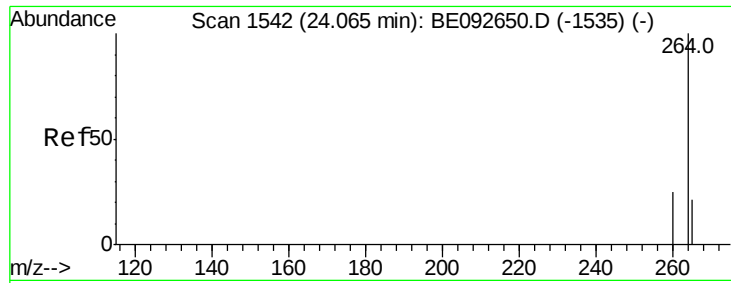
138 27.5 20.3 30.5

277 24.7 19.7 29.5



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

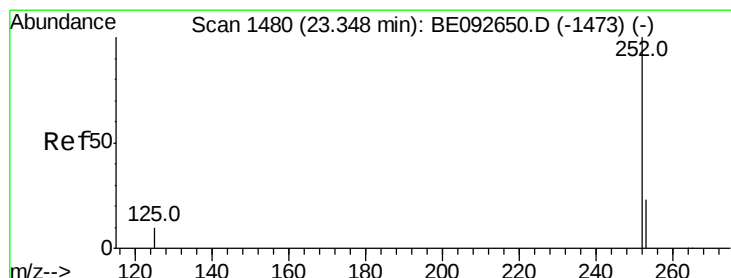
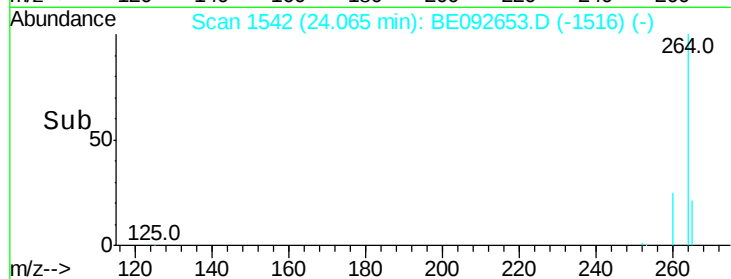
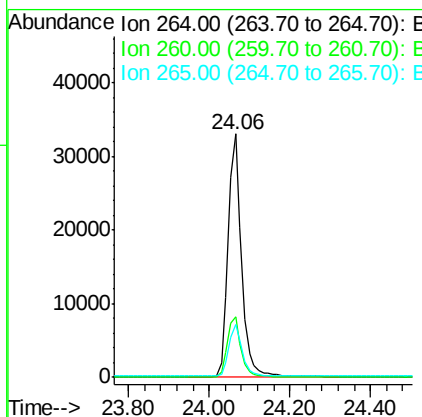
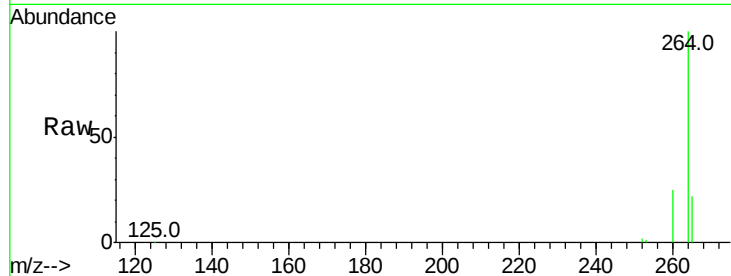




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

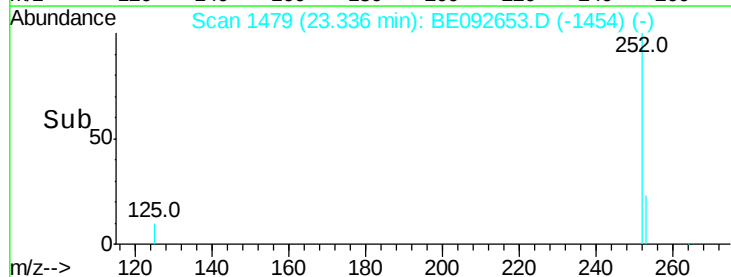
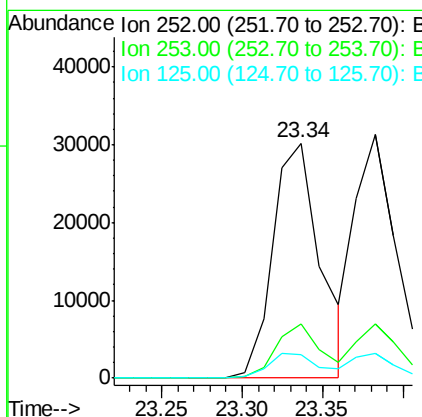
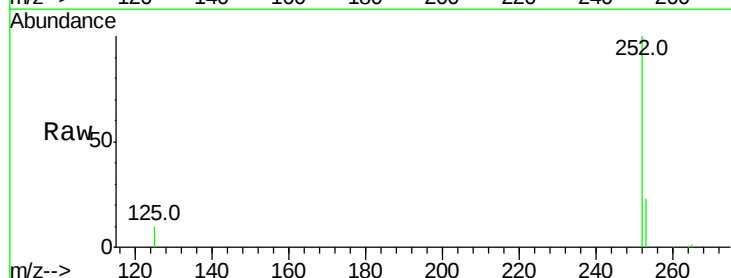
Instrument :
BNA_E
ClientSampleId :

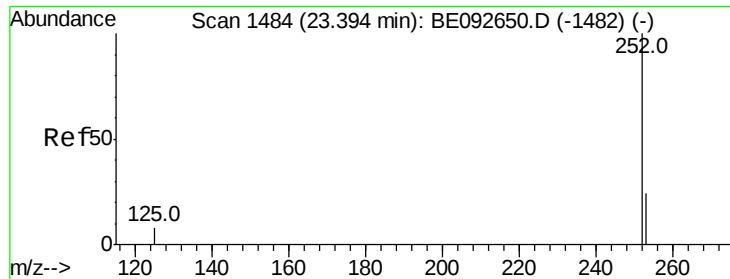
Tot Ion:264 Resp: 76577
Ion Ratio Lower Upper
264 100
260 24.9 20.1 30.1
265 21.9 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 3.51 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion:252 Resp: 61881
Ion Ratio Lower Upper
252 100
253 23.1 18.7 28.1
125 10.0 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 3.04 ng

RT: 23.38 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

Instrument :

BNA_E

ClientSampleId :

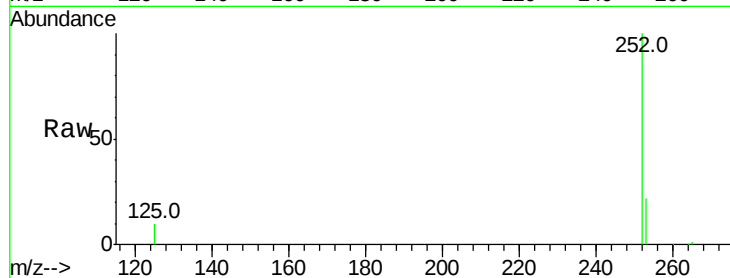
Tot Ion:252 Resp: 59724

Ion Ratio Lower Upper

252 100

253 22.5 20.3 30.5

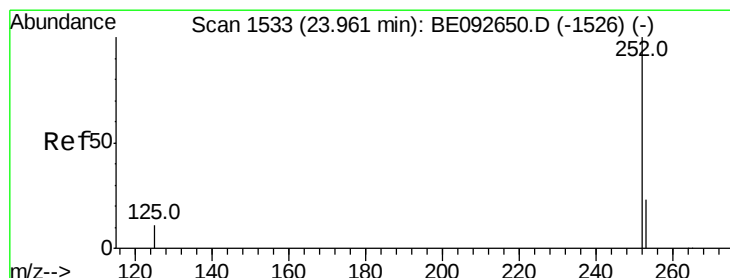
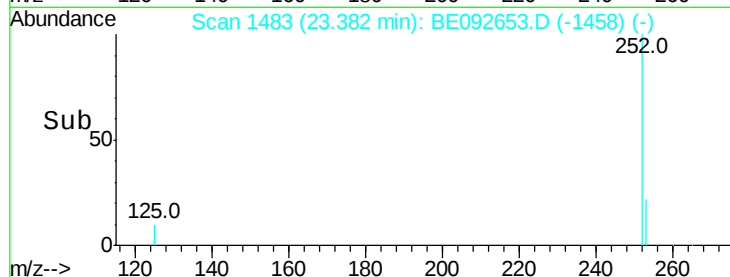
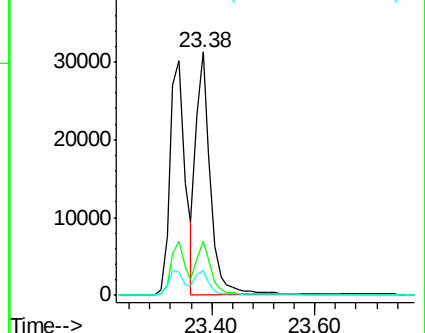
125 10.2 9.6 14.4



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: 3.42 ng

RT: 23.95 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

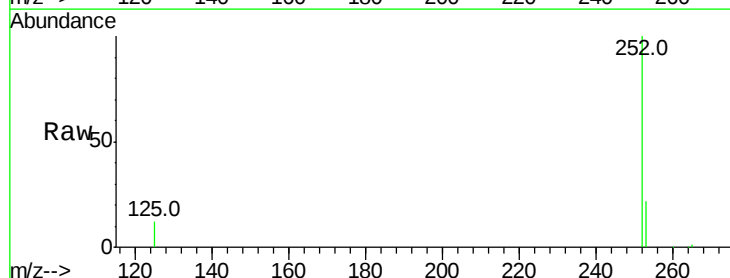
Tgt Ion:252 Resp: 58157

Ion Ratio Lower Upper

252 100

253 21.9 19.0 28.6

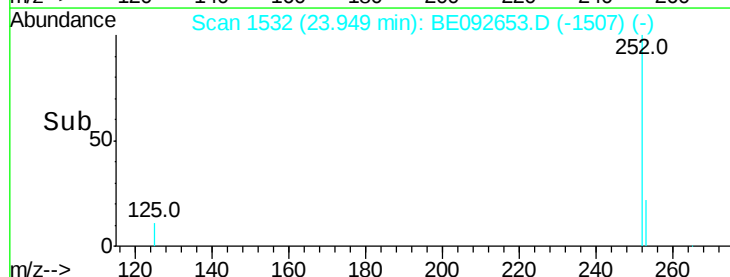
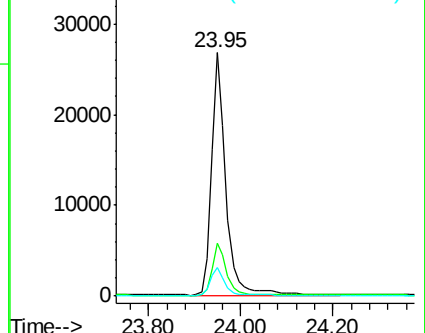
125 11.7 11.8 17.8#

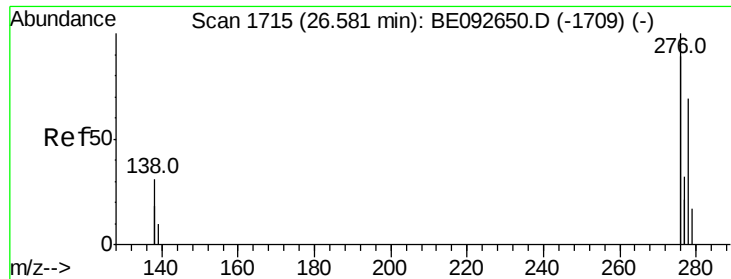


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 3.46 ng

RT: 26.55 min Scan# 1713

Delta R.T. -0.03 min

Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

Instrument :

BNA_E

ClientSampleId :

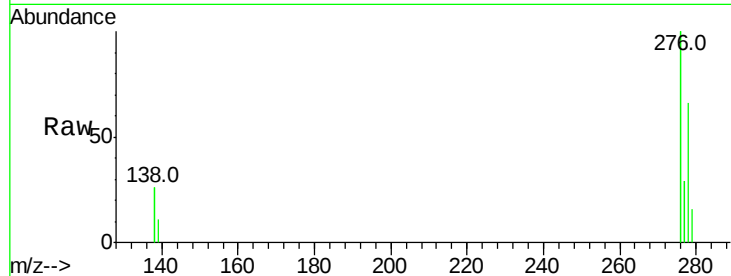
Tot Ion:278 Resp: 55866

Ion Ratio Lower Upper

278 100

139 16.9 13.8 20.8

279 23.8 21.4 32.2



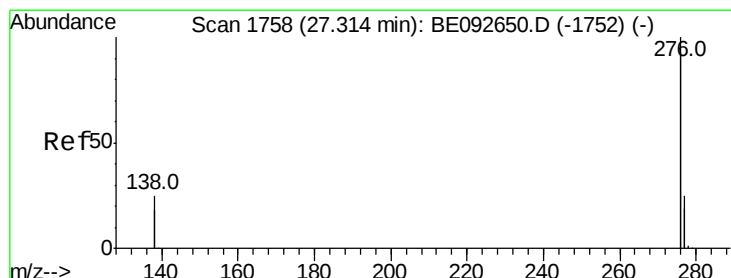
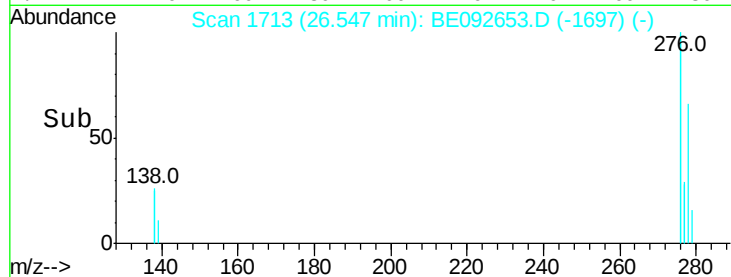
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

26.55

Time-->



#36

Benzo(g,h,i)perylene

Concen: 3.32 ng

RT: 27.28 min Scan# 1756

Delta R.T. -0.03 min

Lab File: BE092653.D

Acq: 16 Jan 2017 15:49

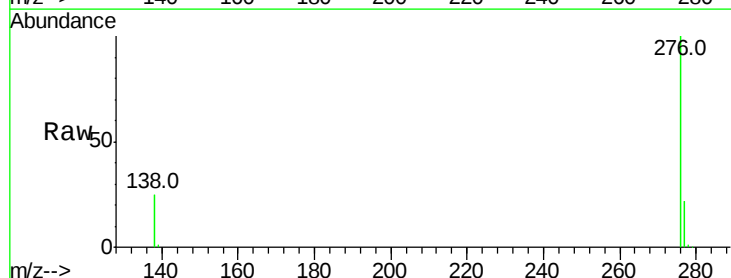
Tgt Ion:276 Resp: 229470

Ion Ratio Lower Upper

276 100

277 21.8 19.8 29.8

138 25.1 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

27.28

Time-->

