

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051117\
 Data File : BE092994.D
 Acq On : 11 May 2017 13:52
 Operator : SJ/MA
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 11 14:25:07 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 14:19:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	757	0.40	ng	-0.00
7) Naphthalene-d8	10.53	136	3264	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1622	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4640	0.40	ng	0.00
27) Chrysene-d12	21.28	240	4730	0.40	ng	0.00
34) Perylene-d12	23.69	264	3496	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	6631	3.19	ng	0.00
5) Phenol-d6	6.92	99	8922	3.48	ng	-0.02
8) Nitrobenzene-d5	8.88	82	8926	3.54	ng	-0.02
11) 2-Methylnaphthalene-d10	12.12	152	15597	3.42	ng	-0.02
14) 2,4,6-Tribromophenol	15.87	330	1686	3.97	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	21553	3.39	ng	0.00
25) Fluoranthene-d10	19.14	212	36053	2.92	ng	-0.02
29) Terphenyl-d14	19.74	244	29183	3.54	ng	0.00

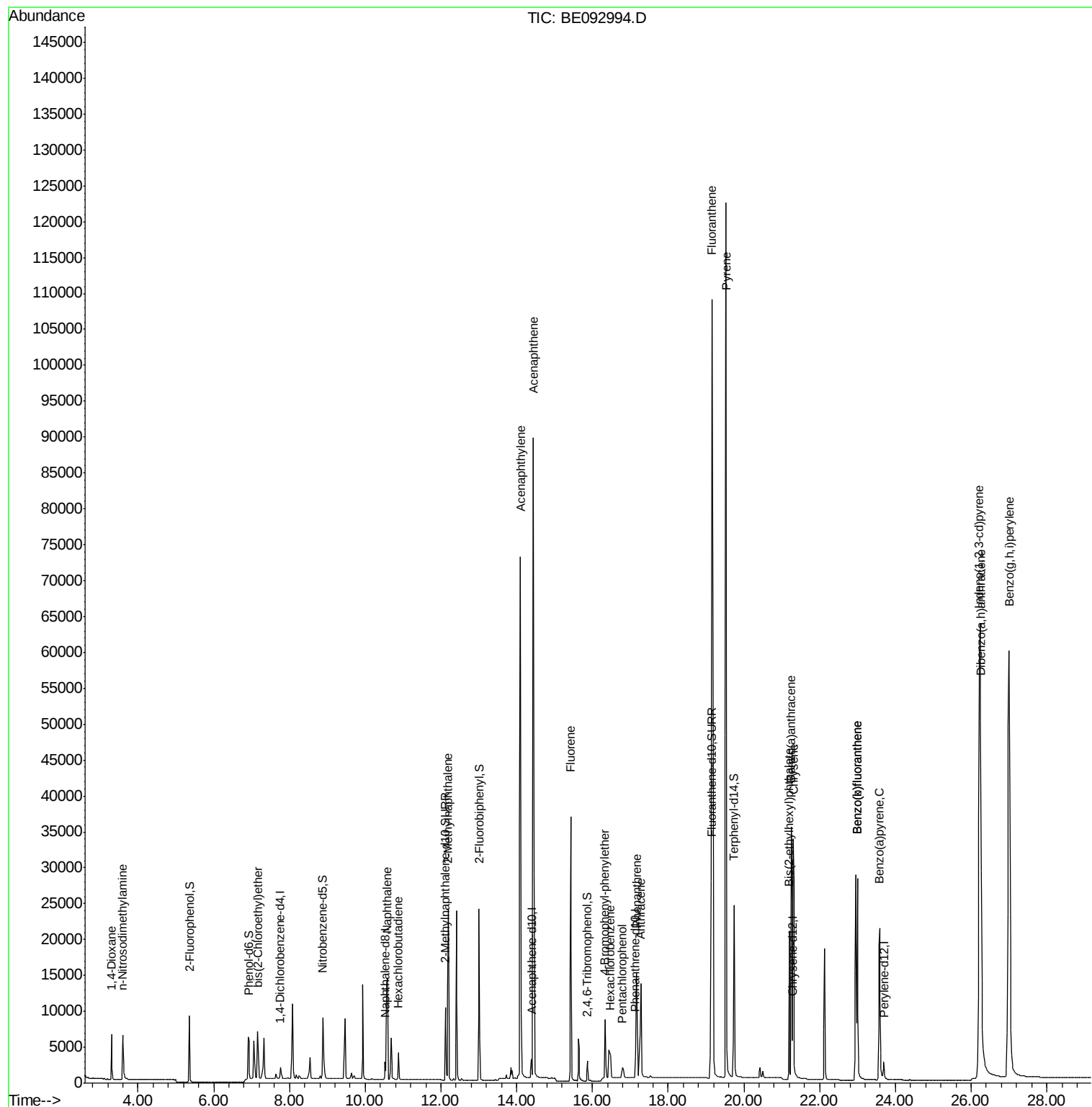
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	4399	2.83	ng	97
3) n-Nitrosodimethylamine	3.60	42	4345	3.35	ng	# 99
6) bis(2-Chloroethyl)ether	7.18	93	8188	3.22	ng	# 99
9) Naphthalene	10.58	128	27070	3.11	ng	95
10) Hexachlorobutadiene	10.87	225	3664	3.07	ng	99
12) 2-Methylnaphthalene	12.19	142	17131	3.41	ng	94
16) Acenaphthylene	14.10	152	104142	3.93	ng	100
17) Acenaphthene	14.44	154	17153	3.47	ng	95
18) Fluorene	15.43	166	21195	3.41	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	4661	3.14	ng	# 3
21) Hexachlorobenzene	16.47	284	5422	2.34	ng	# 100
22) Pentachlorophenol	16.79	266	1883	2.69	ng	# 71
23) Phenanthrene	17.16	178	27646	2.38	ng	95
24) Anthracene	17.28	178	25418	2.56	ng	98
26) Fluoranthene	19.16	202	174962	2.89	ng	# 59
28) Pyrene	19.53	202	177723	2.96	ng	# 95
30) Benzo(a)anthracene	21.25	228	42056	3.71	ng	# 84
31) Chrysene	21.30	228	44235	3.02	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.20	149	18740	3.75	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.22	276	154836	3.37	ng	99
35) Benzo(b)fluoranthene	22.99	252	37681	3.39	ng	94
36) Benzo(k)fluoranthene	22.99	252	40269	3.66	ng	93
37) Benzo(a)pyrene	23.58	252	34757	3.62	ng	# 93
38) Dibenzo(a,h)anthracene	26.25	278	32847	3.79	ng	# 90
39) Benzo(g,h,i)perylene	27.00	276	139171	3.47	ng	95

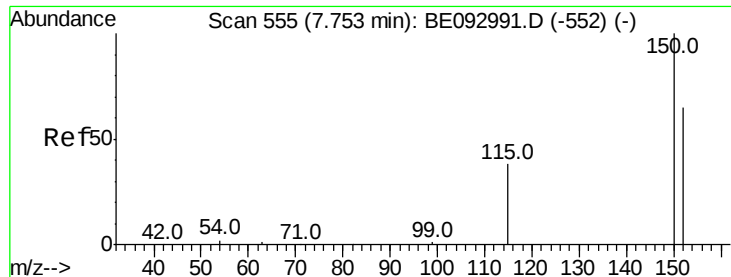
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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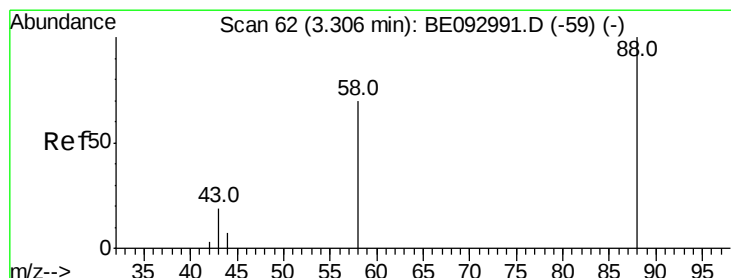
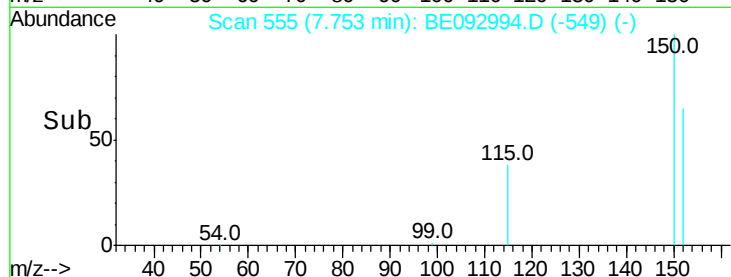
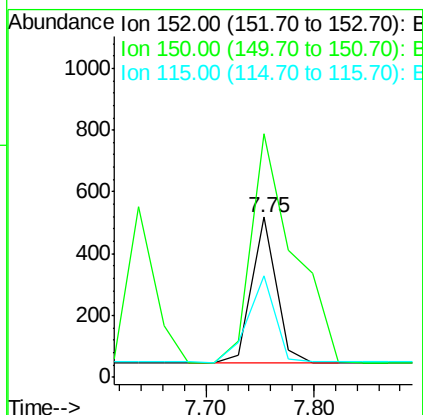
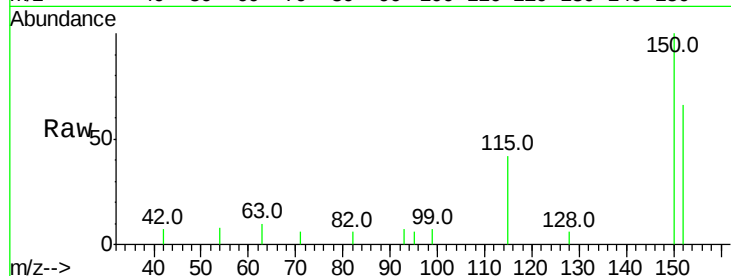


#1

1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. -0.02 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Instrument :
BNA_E
ClientSampled :

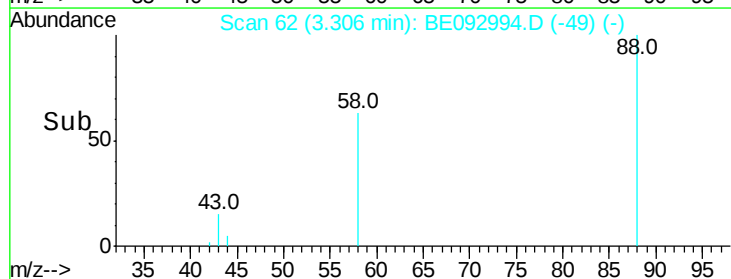
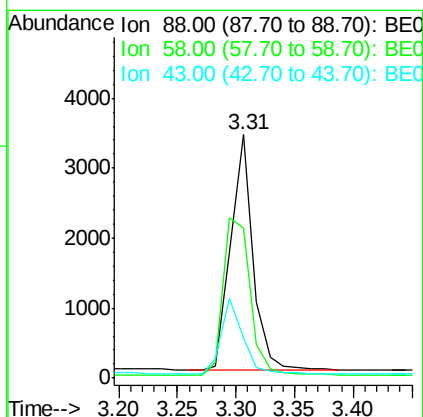
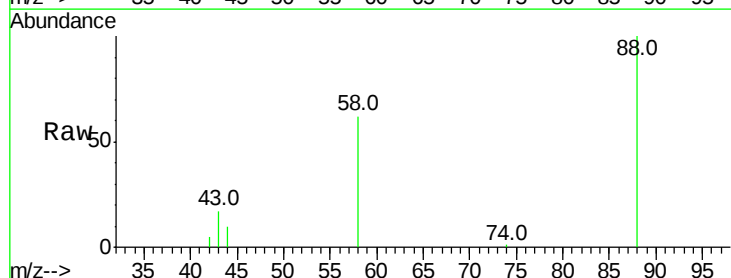
Tot Ion:152 Resp: 757
Ion Ratio Lower Upper
152 100
150 152.1 125.1 187.7
115 63.7 55.7 83.5

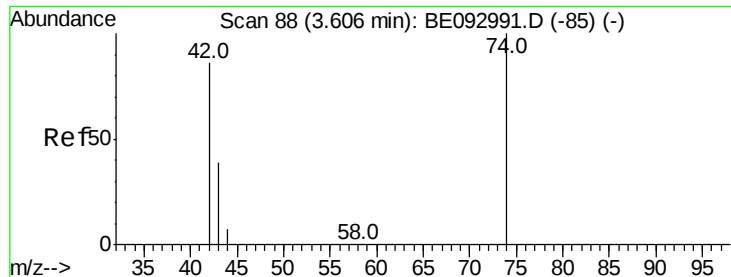


#2

1,4-Dioxane
Concen: 2.83 ng
RT: 3.31 min Scan# 62
Delta R.T. 0.00 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Tgt Ion: 88 Resp: 4399
Ion Ratio Lower Upper
88 100
58 80.7 62.2 93.4
43 30.8 23.2 34.8





#3

n-Nitrosodimethylamine

Concen: 3.35 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Instrument :

BNA_E

ClientSampleId :

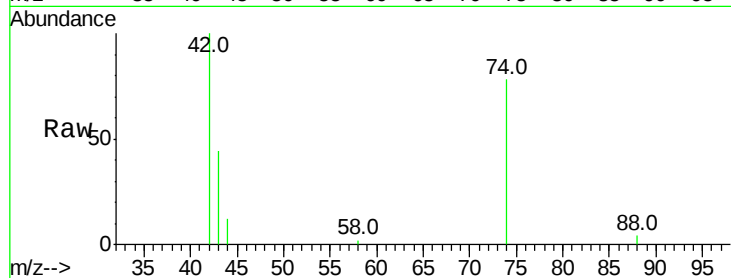
Tot Ion: 42 Resp: 4345

Ion Ratio Lower Upper

42 100

74 123.8 99.1 148.7

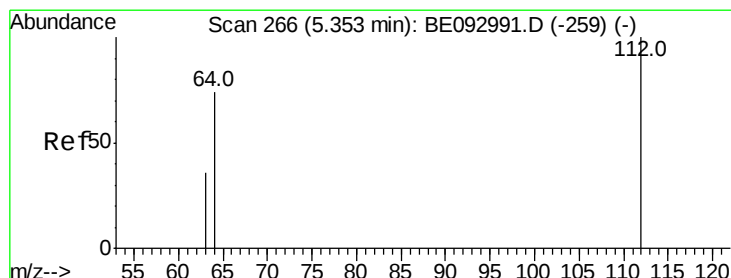
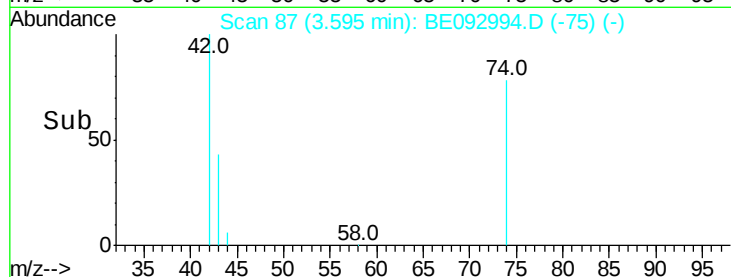
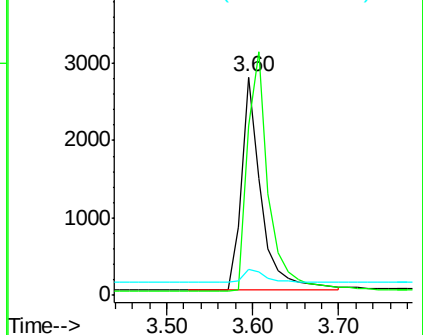
44 6.5 7.4 11.2#



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: 3.19 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.01 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

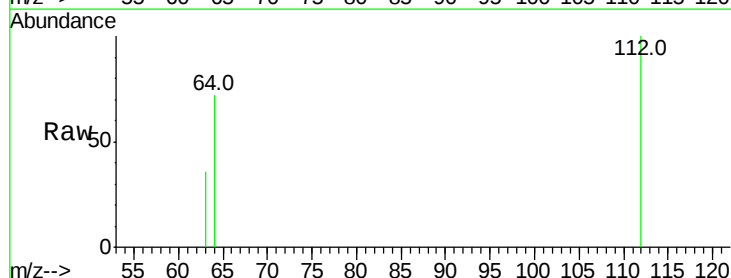
Tgt Ion: 112 Resp: 6631

Ion Ratio Lower Upper

112 100

64 71.6 56.4 84.6

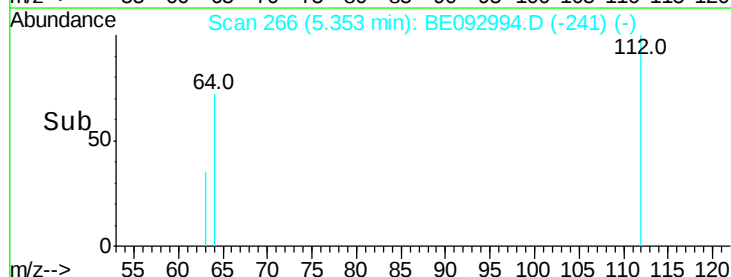
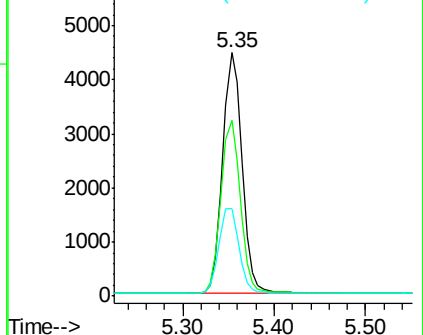
63 36.9 29.3 43.9

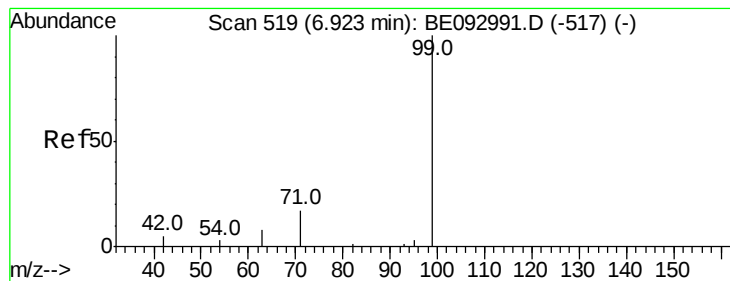


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.48 ng

RT: 6.92 min Scan# 519

Delta R.T. -0.02 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Instrument :

BNA_E

ClientSampled :

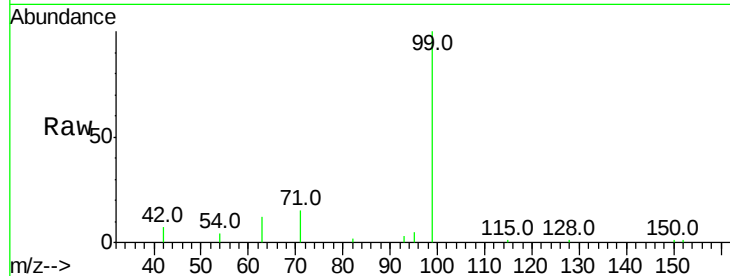
Tot Ion: 99 Resp: 8922

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

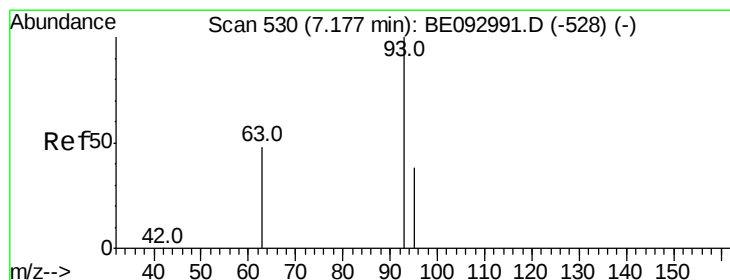
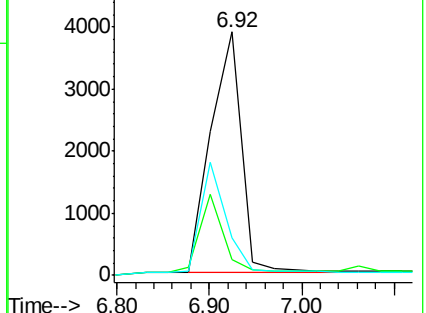
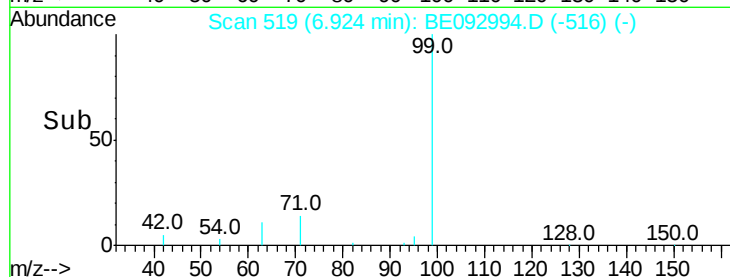
71 0.0 0.0 0.0



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: 3.22 ng

RT: 7.18 min Scan# 530

Delta R.T. -0.02 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

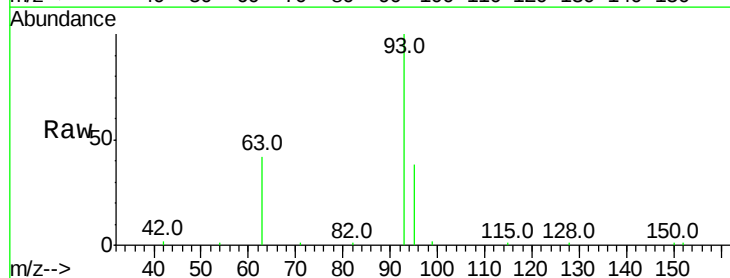
Tgt Ion: 93 Resp: 8188

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

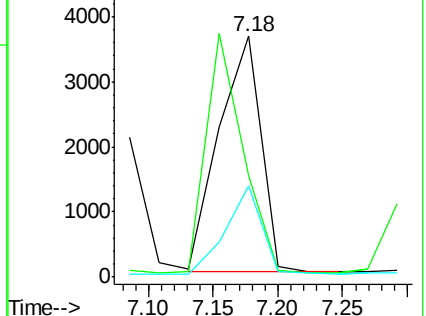
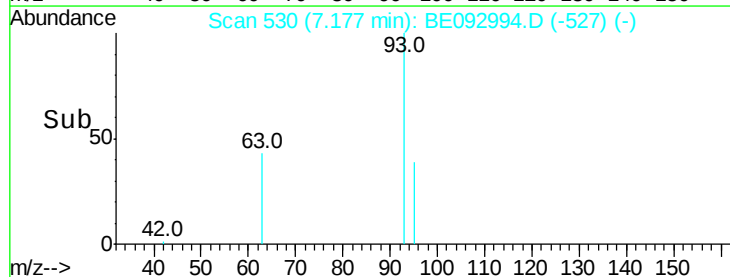
95 32.2 25.4 38.0

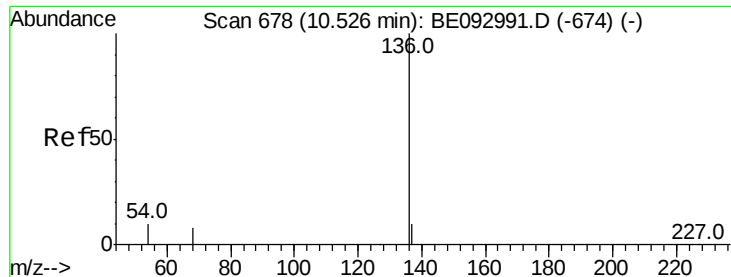


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3264

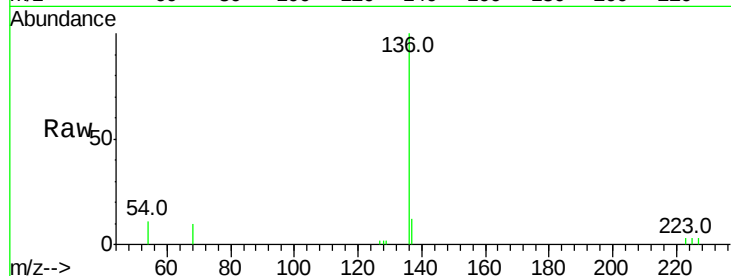
Ion Ratio Lower Upper

136 100

137 12.4 9.8 14.8

54 11.1 10.3 15.5

68 9.8 9.0 13.4

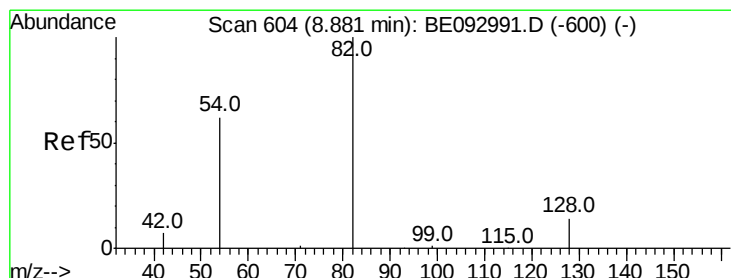
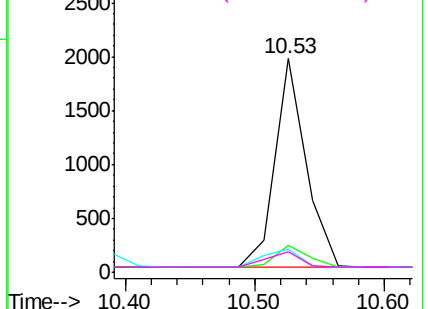
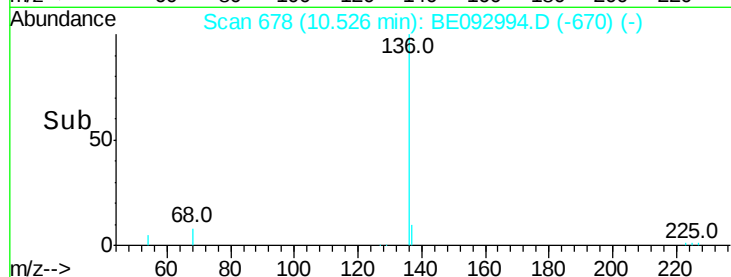


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.54 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

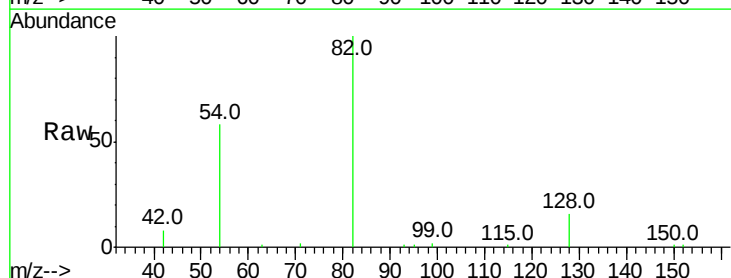
Tgt Ion: 82 Resp: 8926

Ion Ratio Lower Upper

82 100

128 15.6 17.0 25.4#

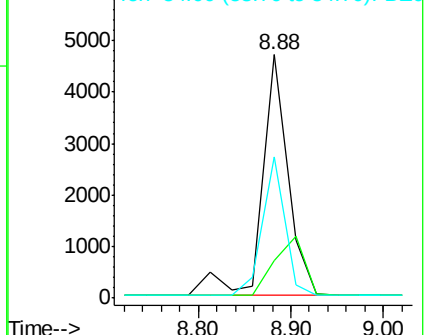
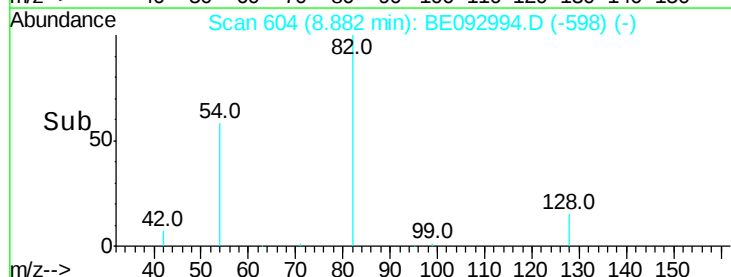
54 58.0 53.8 80.6

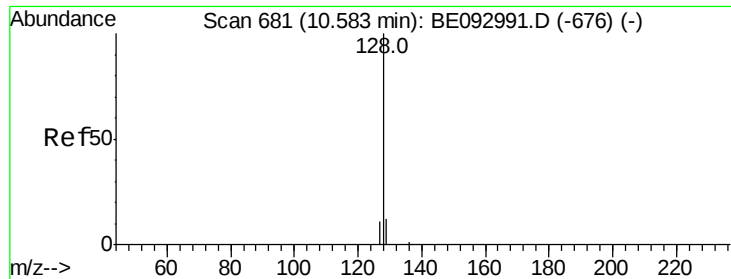


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.11 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Instrument :

BNA_E

ClientSampleId :

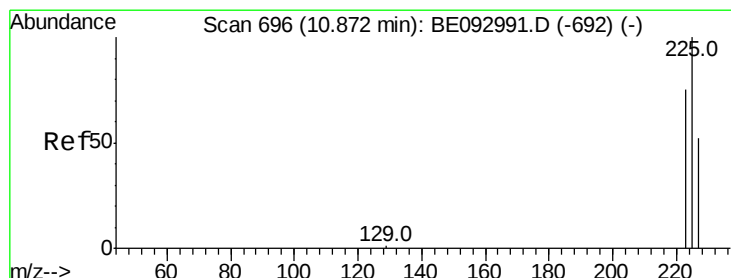
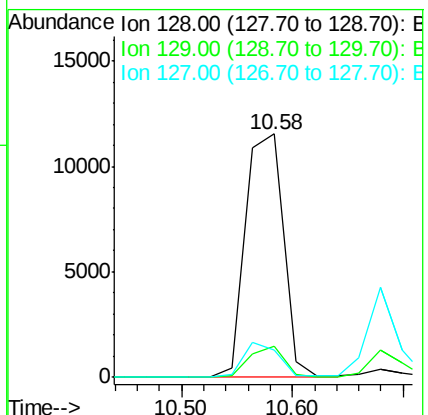
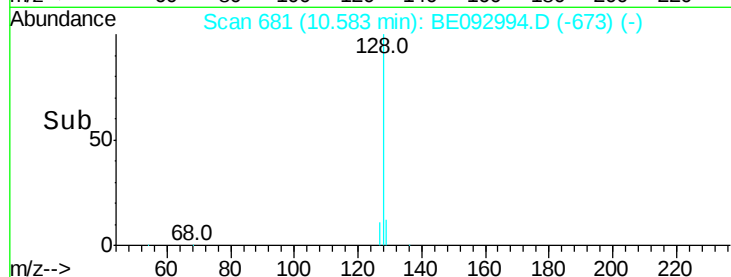
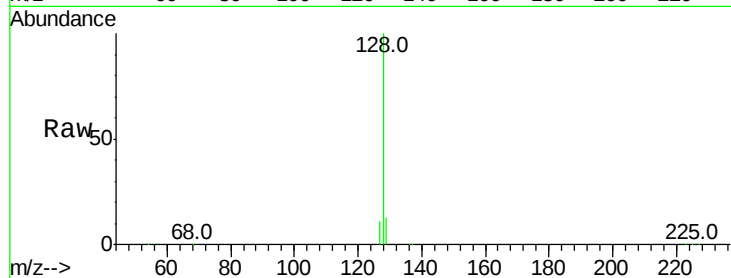
Tot Ion:128 Resp: 27070

Ion Ratio Lower Upper

128 100

129 12.5 11.4 17.0

127 11.3 11.2 16.8



#10

Hexachlorobutadiene

Concen: 3.07 ng

RT: 10.87 min Scan# 696

Delta R.T. -0.02 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

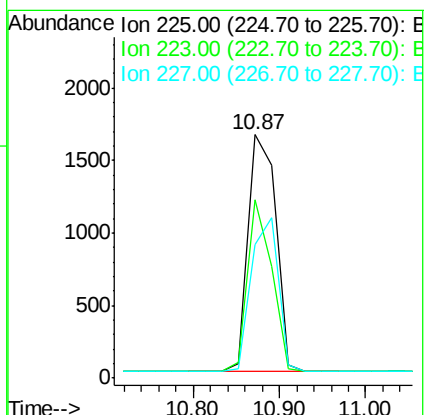
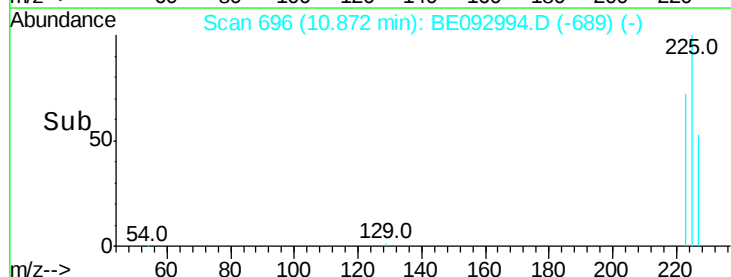
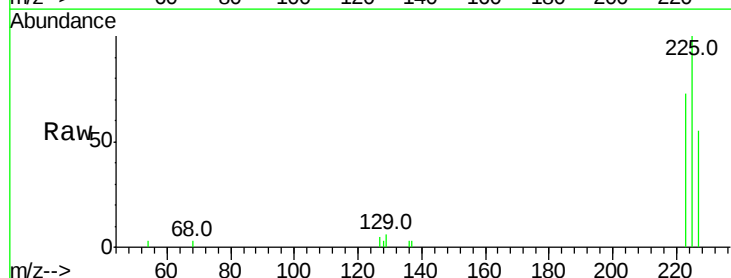
Tgt Ion:225 Resp: 3664

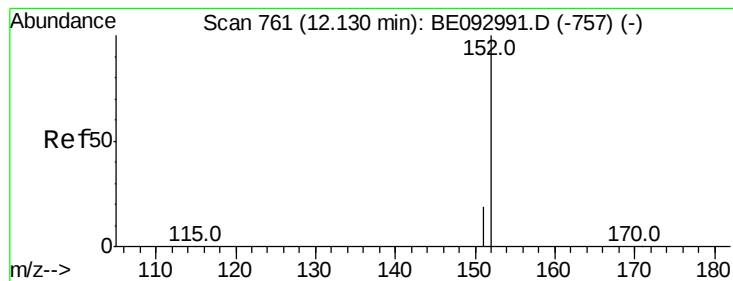
Ion Ratio Lower Upper

225 100

223 62.9 49.7 74.5

227 63.6 50.3 75.5





#11

2-Methylnaphthalene-d10

Concen: 3.42 ng

RT: 12.12 min Scan# 760

Delta R.T. -0.02 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Instrument :

BNA_E

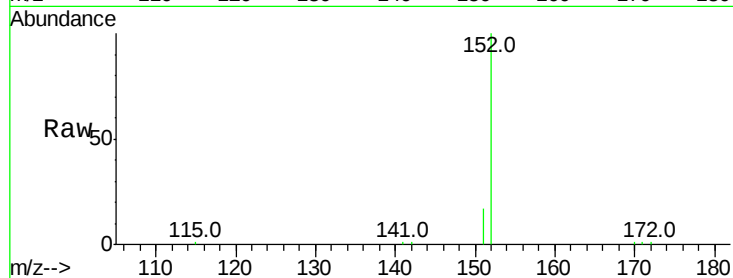
ClientSampleId :

Tot Ion:152 Resp: 15597

Ion Ratio Lower Upper

152 100

151 19.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.12

10000

8000

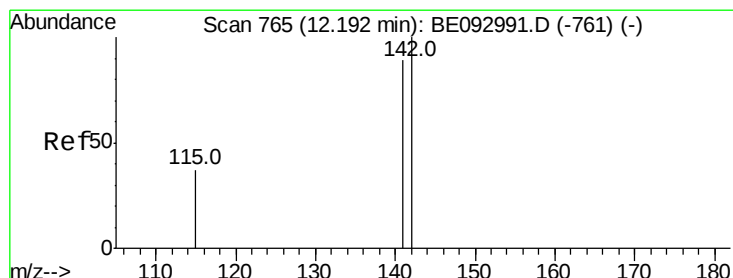
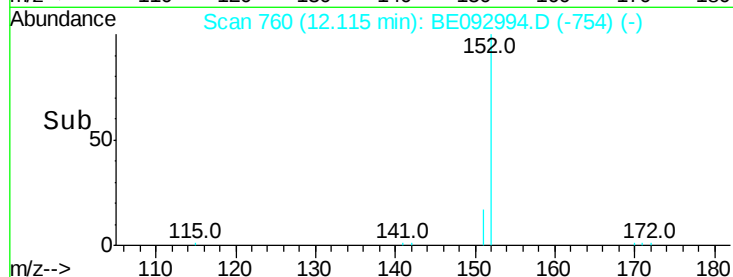
6000

4000

2000

0

Time--> 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 3.41 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

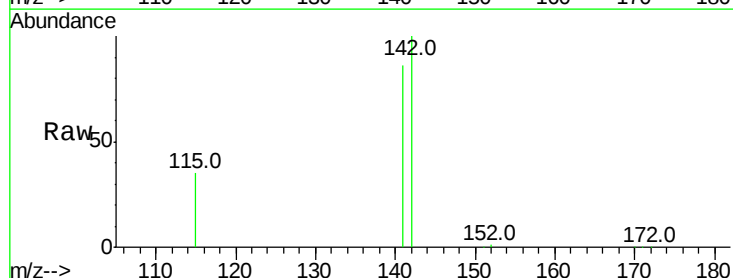
Tgt Ion:142 Resp: 17131

Ion Ratio Lower Upper

142 100

141 86.3 72.6 108.8

115 34.8 32.2 48.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.19

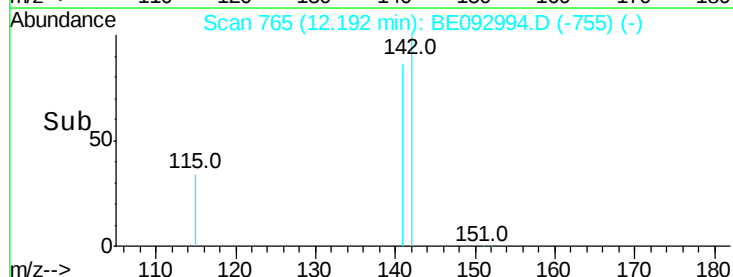
15000

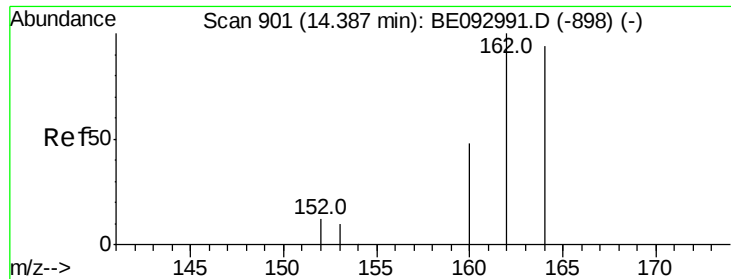
10000

5000

0

Time--> 12.00 12.10 12.20 12.30

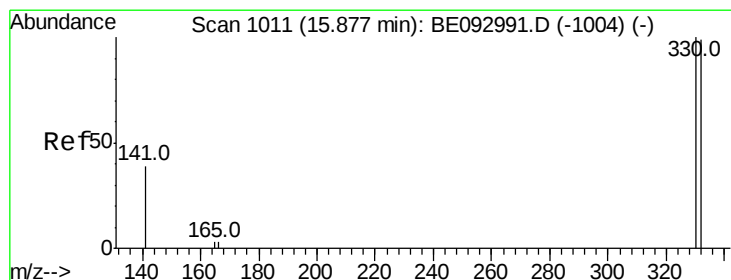
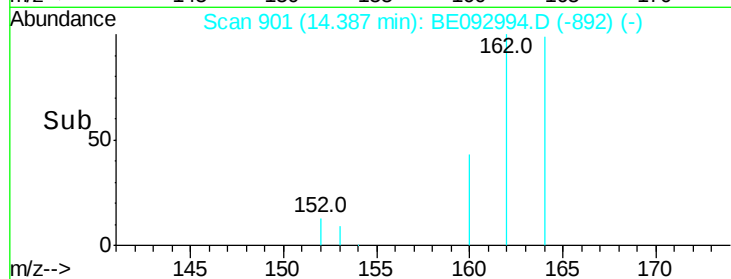
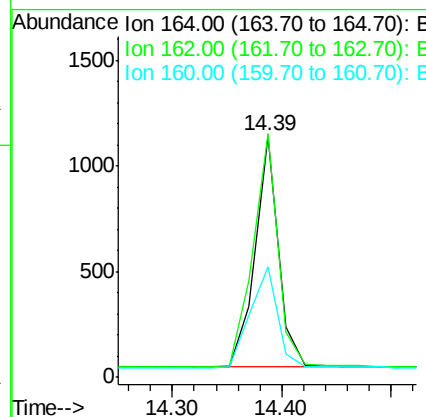
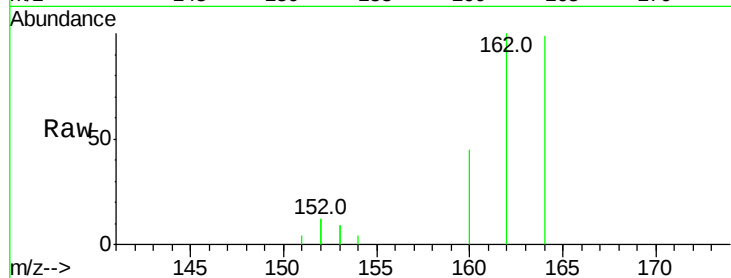




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

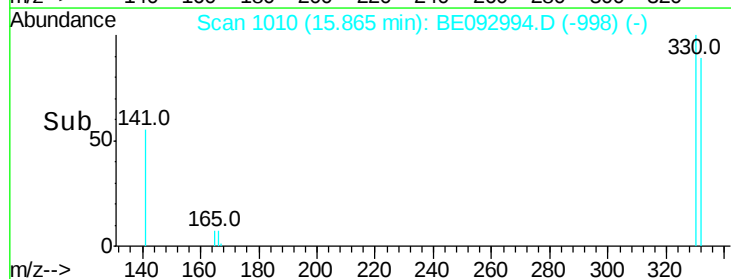
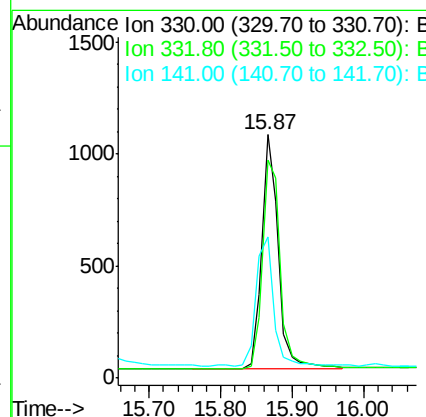
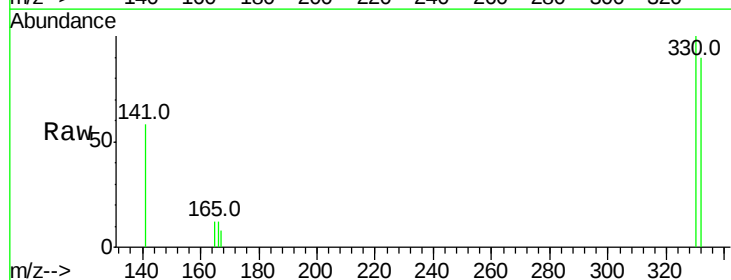
Instrument :
BNA_E
ClientSampleId :

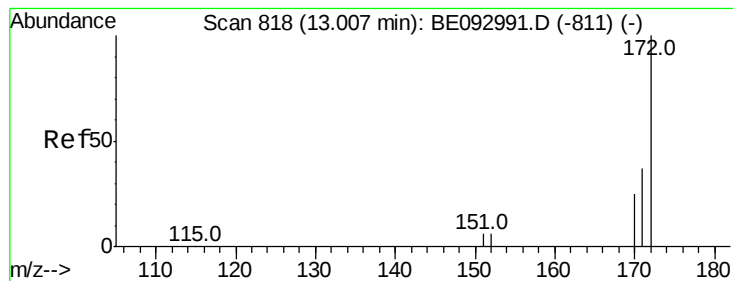
Tot Ion:164 Resp: 1622
Ion Ratio Lower Upper
164 100
162 100.9 84.6 127.0
160 45.5 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 3.97 ng
RT: 15.87 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Tgt Ion:330 Resp: 1686
Ion Ratio Lower Upper
330 100
332 97.8 77.7 116.5
141 58.2 56.2 84.4

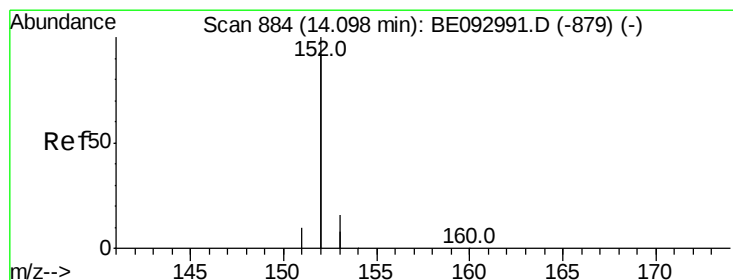
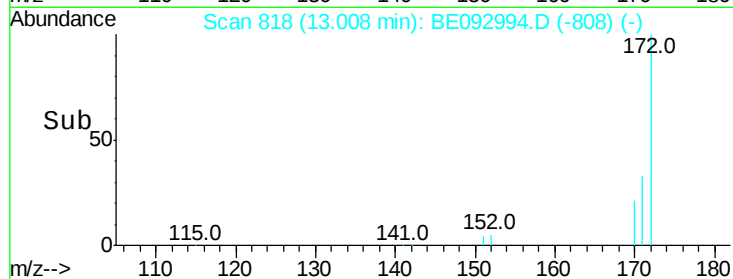
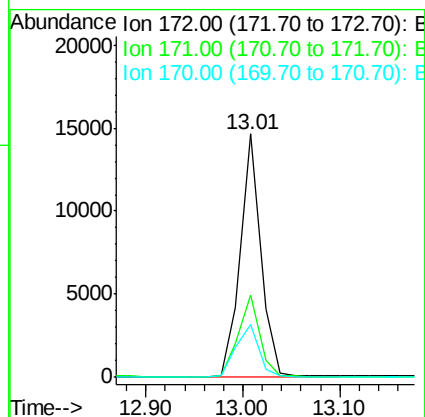
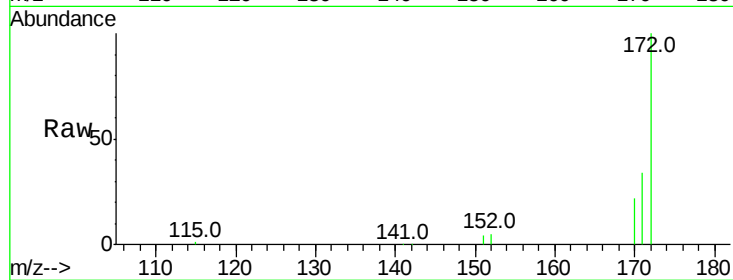




#15
2-Fluorobiphenyl
Concen: 3.39 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

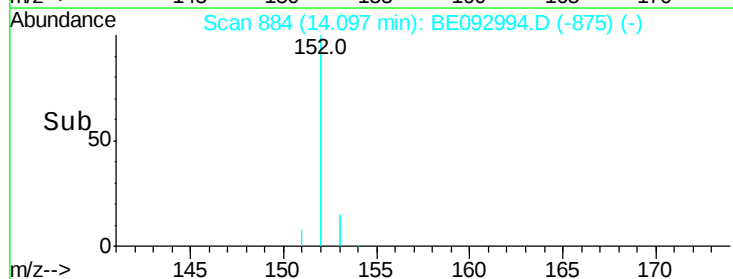
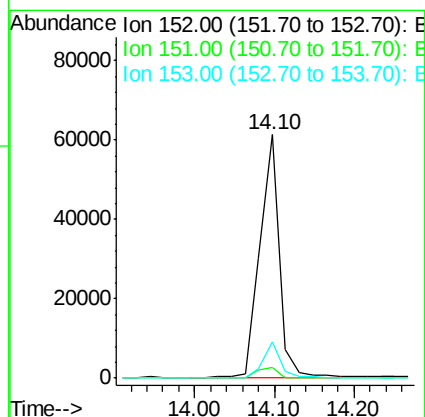
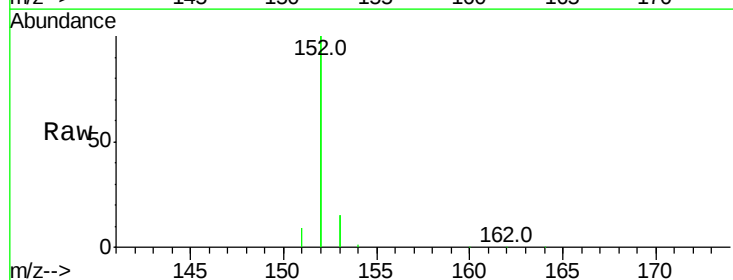
Instrument :
BNA_E
ClientSampleId :

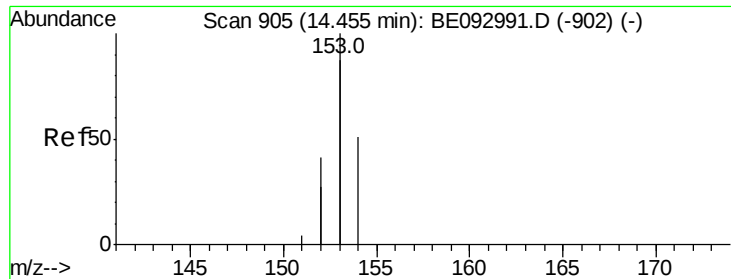
Tot Ion:172 Resp: 21553
Ion Ratio Lower Upper
172 100
171 33.7 29.8 44.6
170 21.7 20.7 31.1



#16
Acenaphthylene
Concen: 3.93 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Tgt Ion:152 Resp: 104142
Ion Ratio Lower Upper
152 100
151 4.9 4.0 6.0
153 13.1 10.3 15.5

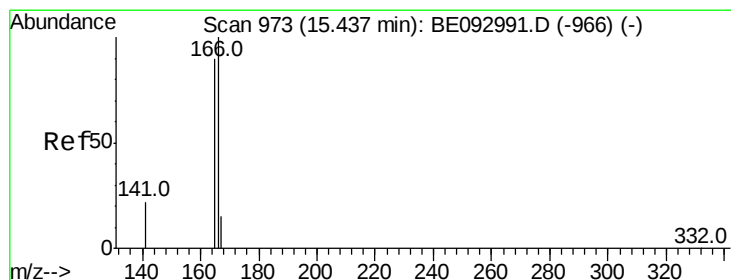
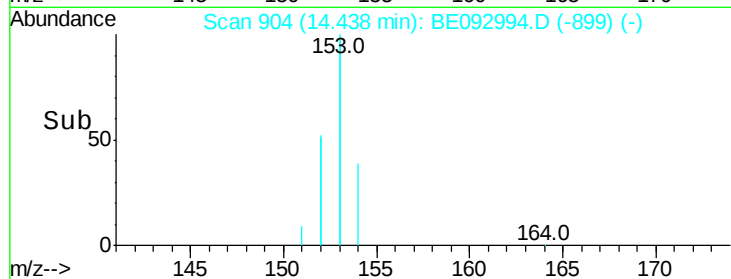
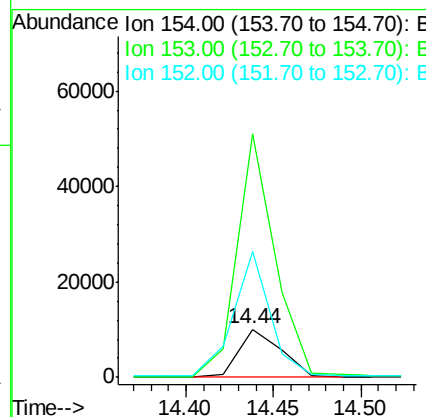
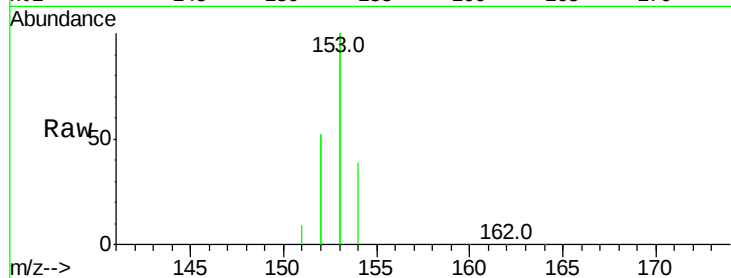




#17
Acenaphthene
Concen: 3.47 ng
RT: 14.44 min Scan# 904
Delta R.T. -0.02 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

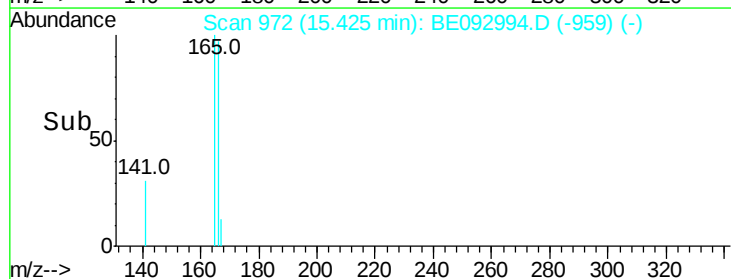
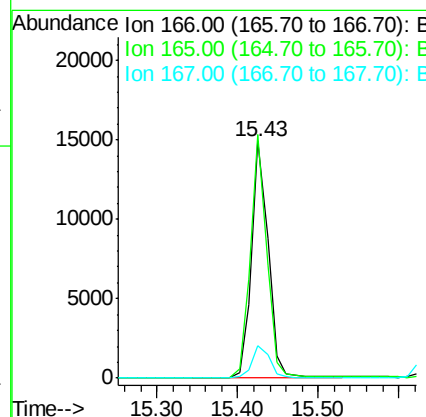
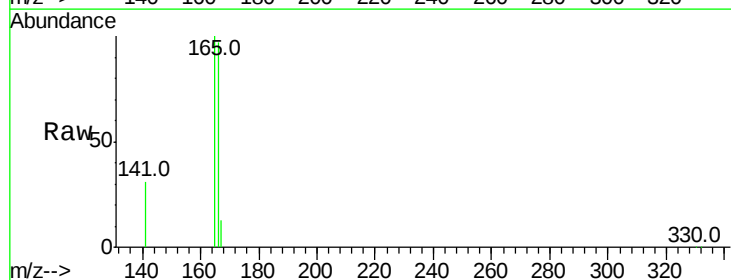
Instrument :
BNA_E
ClientSampleId :

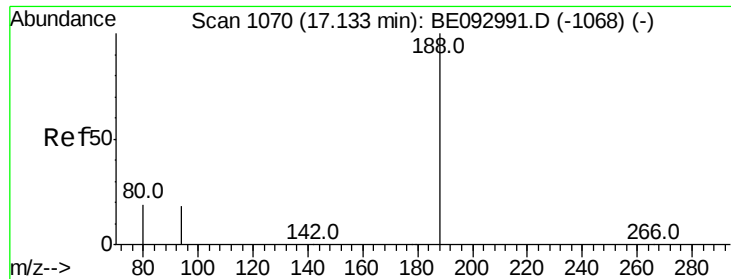
Tot Ion:154 Resp: 17153
Ion Ratio Lower Upper
154 100
153 450.5 367.8 551.6
152 224.0 188.2 282.2



#18
Fluorene
Concen: 3.41 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Tgt Ion:166 Resp: 21195
Ion Ratio Lower Upper
166 100
165 100.5 78.6 117.8
167 14.1 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Instrument :

BNA_E

ClientSampleId :

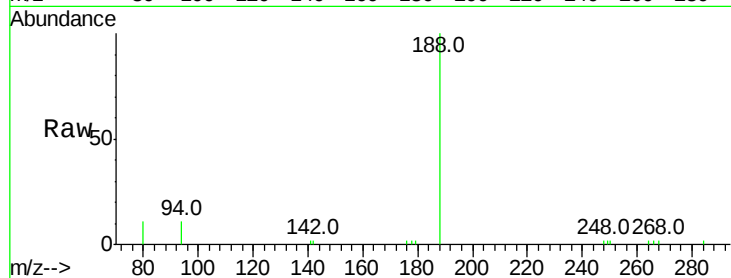
Tot Ion:188 Resp: 4640

Ion Ratio Lower Upper

188 100

94 11.1 11.3 16.9#

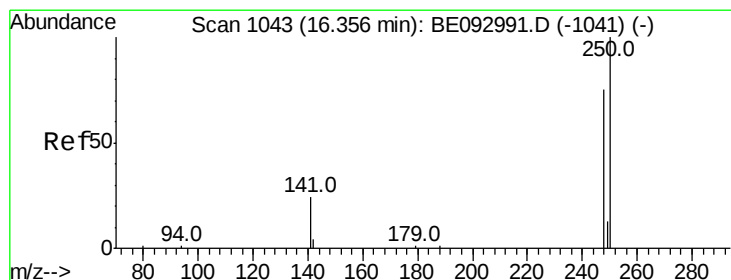
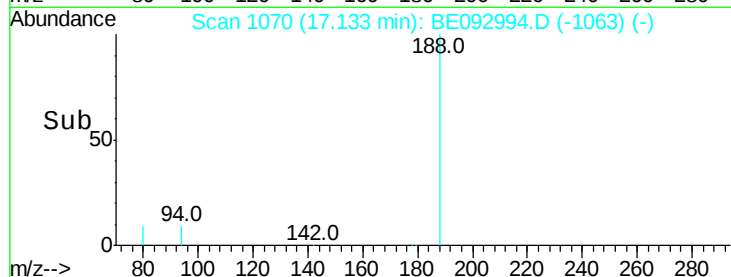
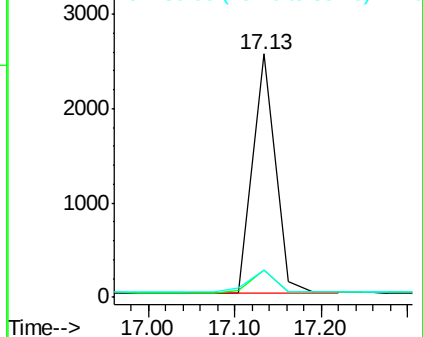
80 11.0 11.7 17.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 3.14 ng

RT: 16.33 min Scan# 1042

Delta R.T. -0.03 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

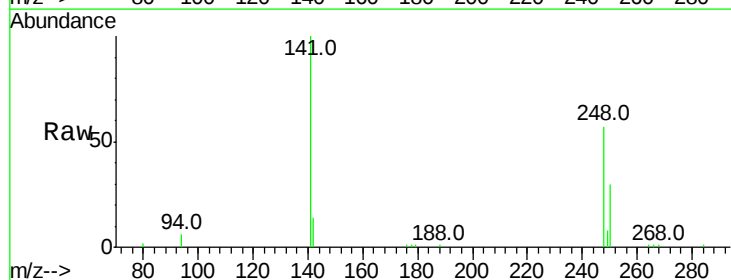
Tgt Ion:248 Resp: 4661

Ion Ratio Lower Upper

248 100

250 52.2 100.0 150.0#

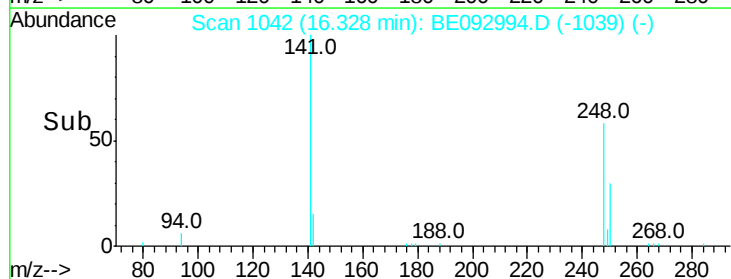
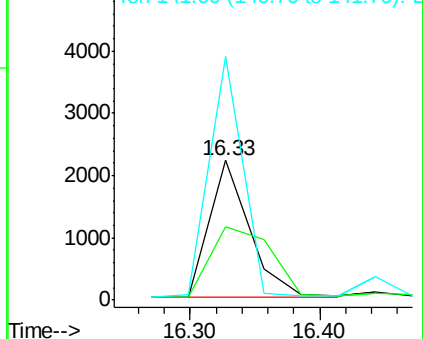
141 174.5 40.0 60.0#

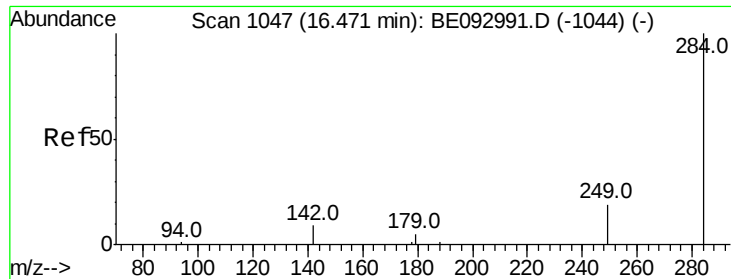


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

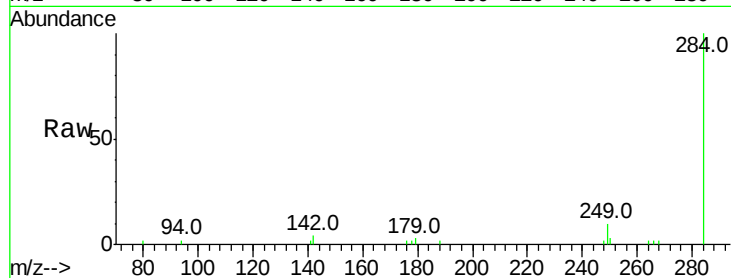




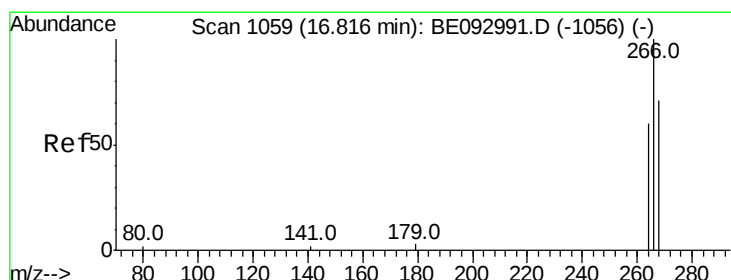
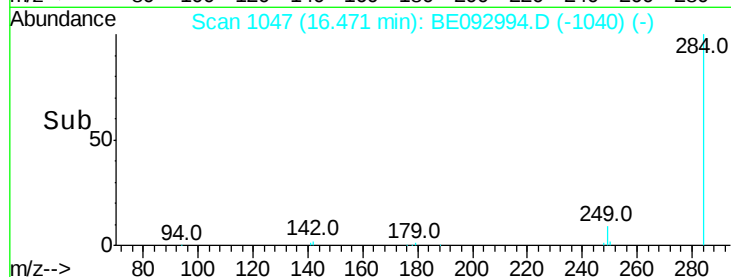
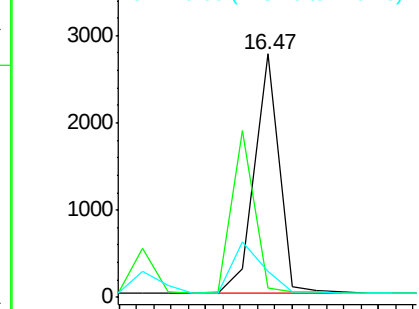
#21
Hexachlorobenzene
Concen: 2.34 ng
RT: 16.47 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 5422
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

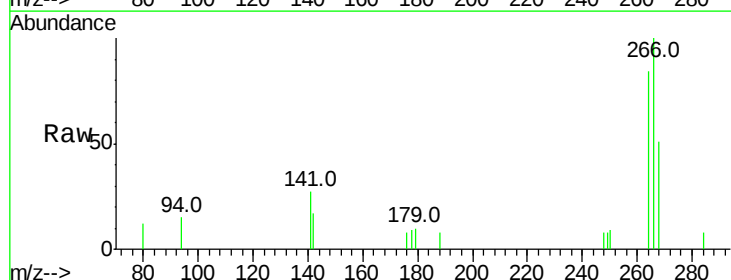


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

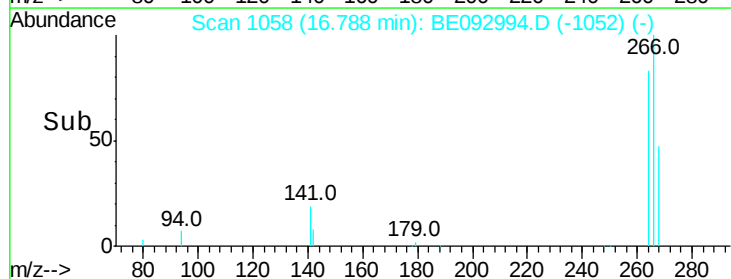
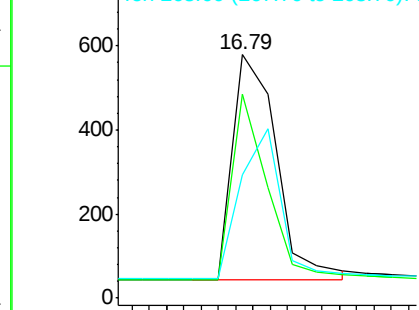


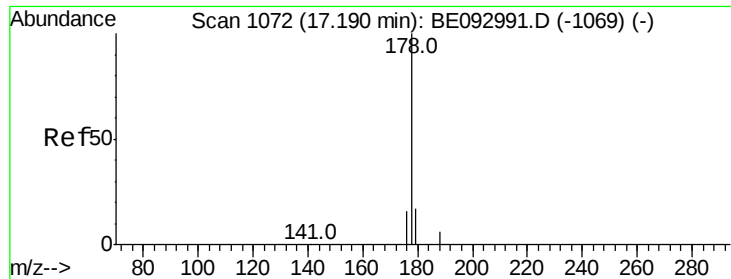
#22
Pentachlorophenol
Concen: 2.69 ng
RT: 16.79 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Tgt Ion:266 Resp: 1883
Ion Ratio Lower Upper
266 100
264 83.9 58.2 87.2
268 50.9 71.9 107.9#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E

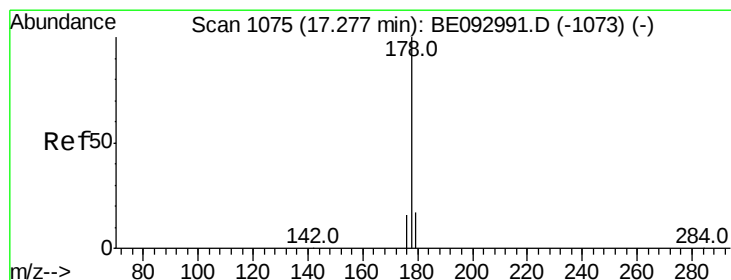
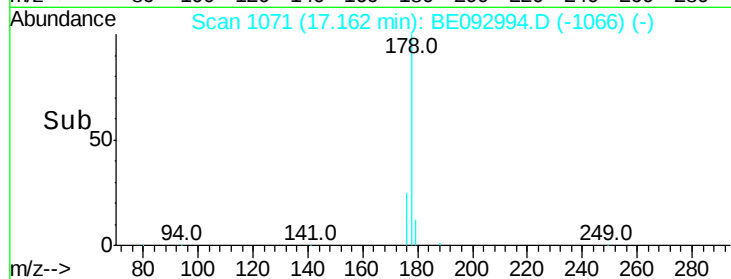
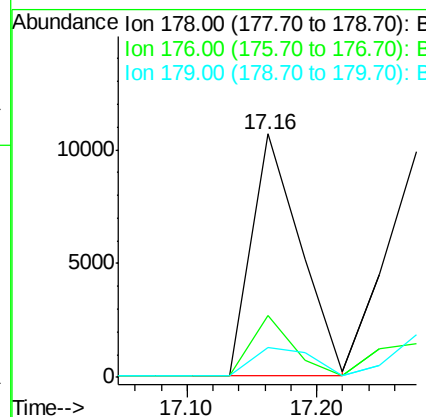
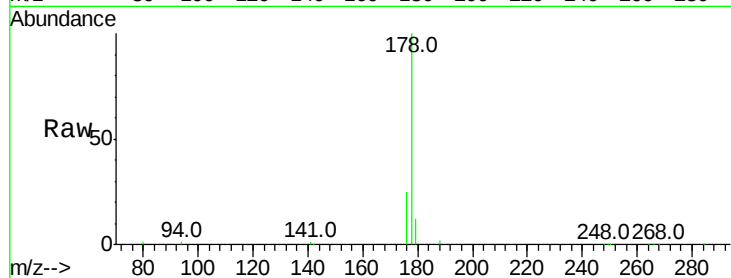




#23
Phenanthrene
Concen: 2.38 ng
RT: 17.16 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

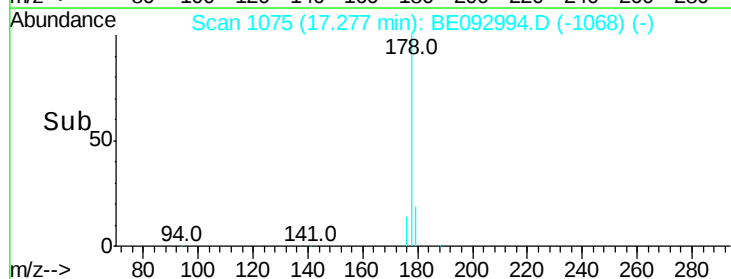
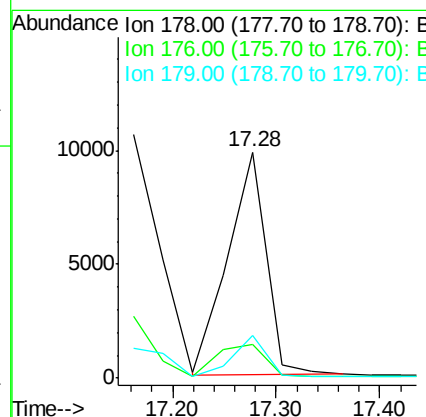
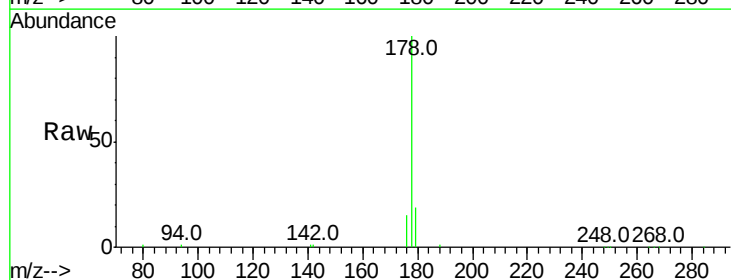
Instrument :
BNA_E
ClientSampleId :

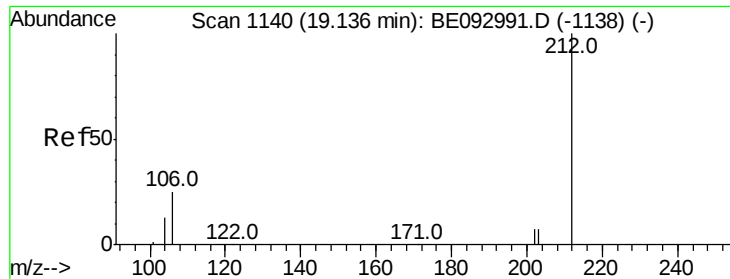
Tot Ion:178 Resp: 27646
Ion Ratio Lower Upper
178 100
176 21.4 15.0 22.4
179 14.5 12.7 19.1



#24
Anthracene
Concen: 2.56 ng
RT: 17.28 min Scan# 1075
Delta R.T. 0.01 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Tgt Ion:178 Resp: 25418
Ion Ratio Lower Upper
178 100
176 18.1 14.6 22.0
179 16.2 12.0 18.0

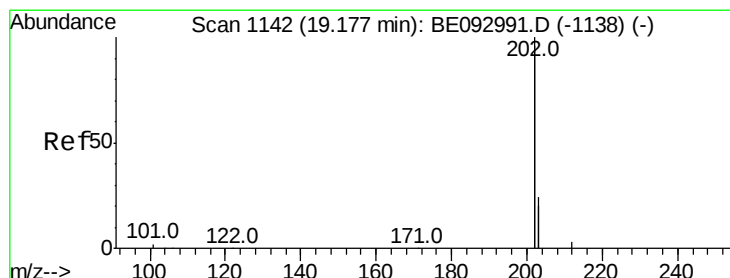
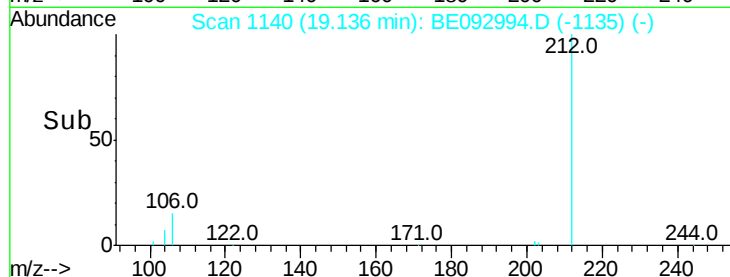
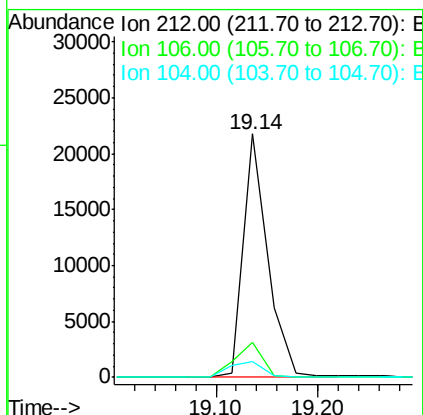
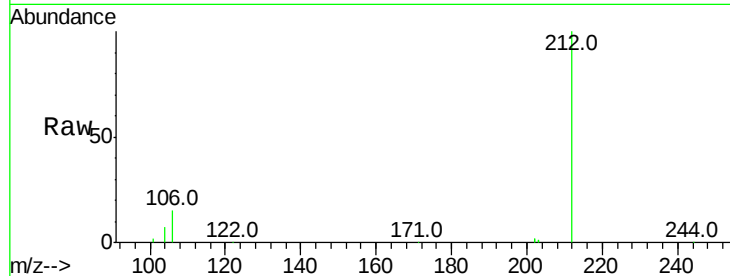




#25
 Fluoranthene-d10
 Concen: 2.92 ng
 RT: 19.14 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BE092994.D
 Acq: 11 May 2017 13:52

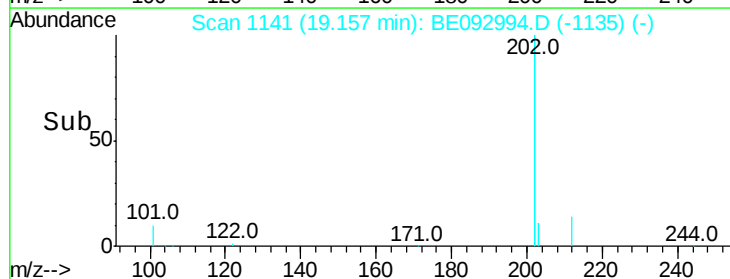
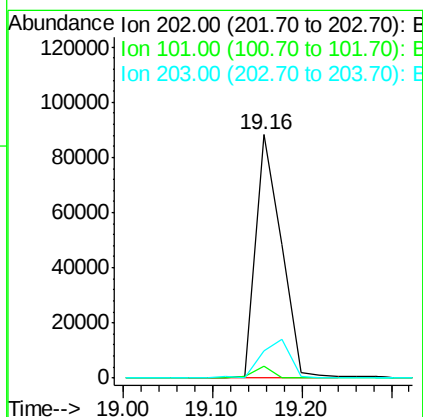
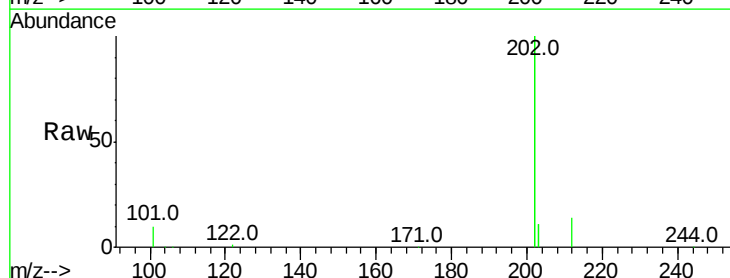
Instrument :
 BNA_E
 ClientSampleId :

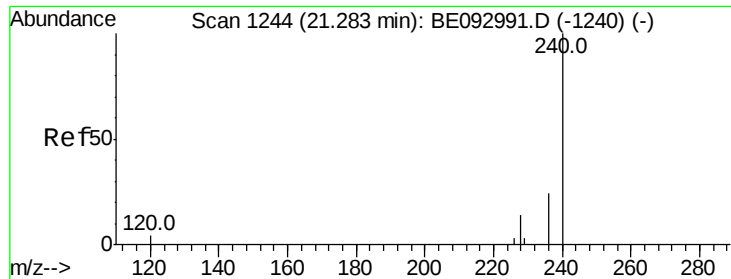
Tot Ion:212 Resp: 36053
 Ion Ratio Lower Upper
 212 100
 106 16.3 0.0 0.0#
 104 8.8 0.0 0.0#



#26
 Fluoranthene
 Concen: 2.89 ng
 RT: 19.16 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BE092994.D
 Acq: 11 May 2017 13:52

Tgt Ion:202 Resp: 174962
 Ion Ratio Lower Upper
 202 100
 101 3.7 0.0 0.0#
 203 0.0 14.4 21.6#

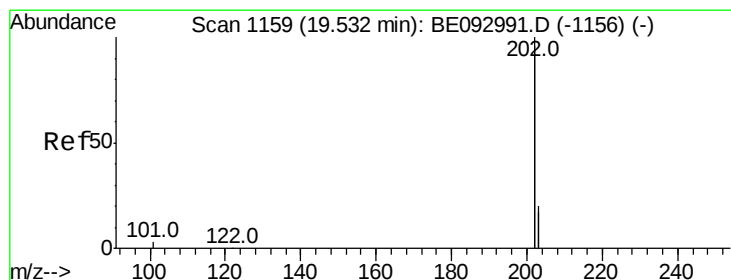
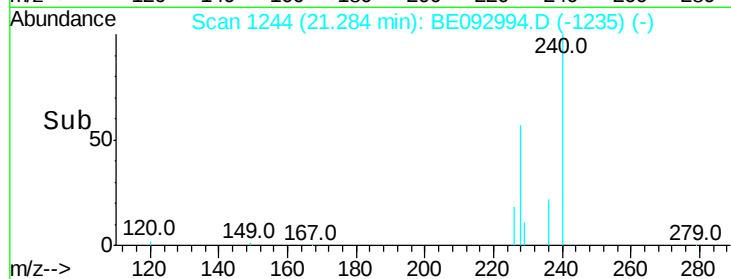
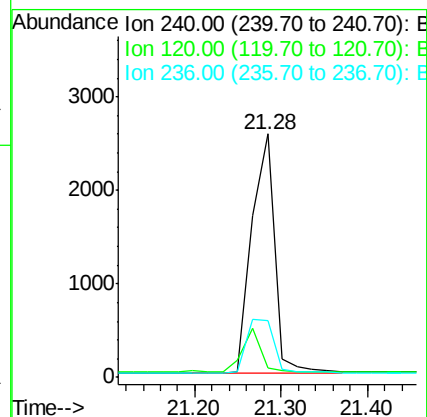
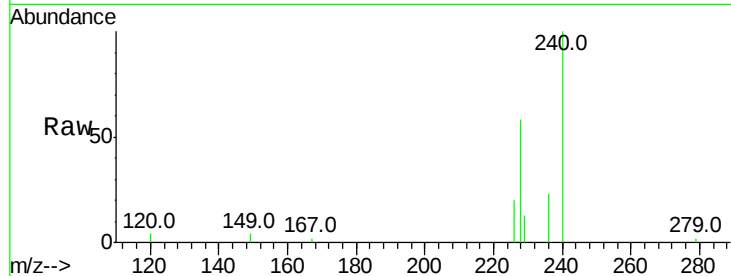




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

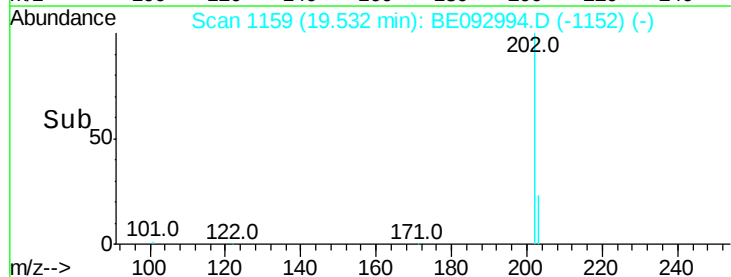
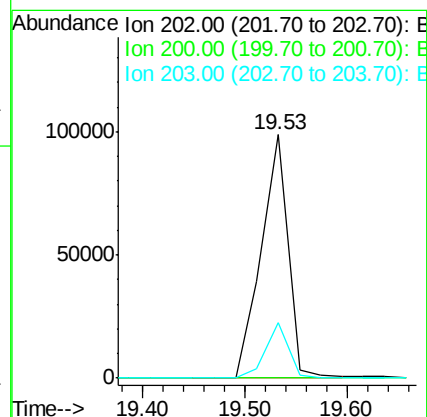
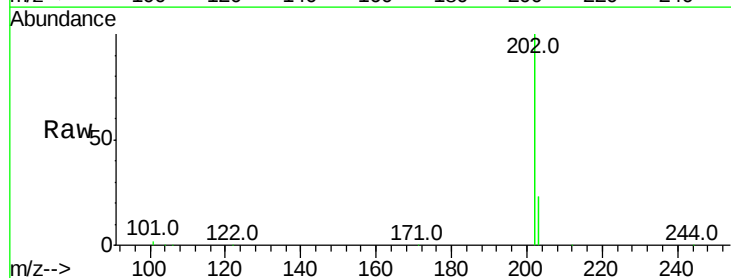
Instrument :
BNA_E
ClientSampleId :

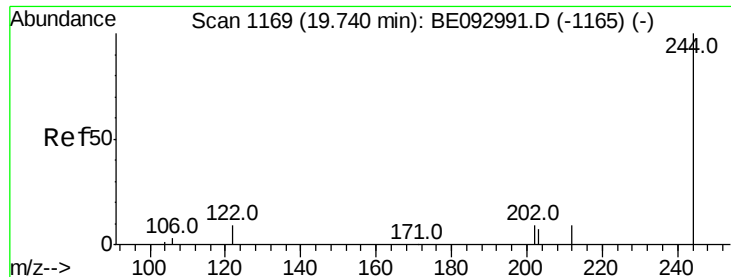
Tot Ion:240 Resp: 4730
Ion Ratio Lower Upper
240 100
120 3.8 4.6 7.0#
236 23.2 20.8 31.2



#28
Pyrene
Concen: 2.96 ng
RT: 19.53 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Tgt Ion:202 Resp: 177723
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 19.2 13.7 20.5





#29

Terphenyl-d14

Concen: 3.54 ng

RT: 19.74 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Instrument :

BNA_E

ClientSampleId :

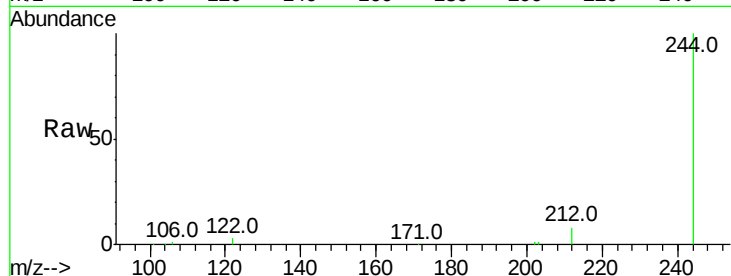
Tot Ion:244 Resp: 29183

Ion Ratio Lower Upper

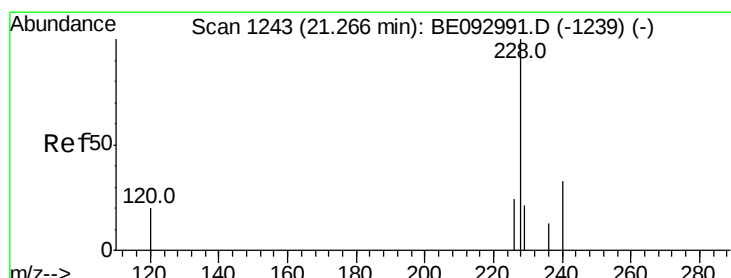
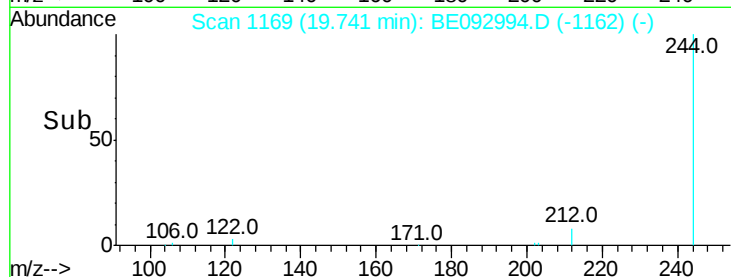
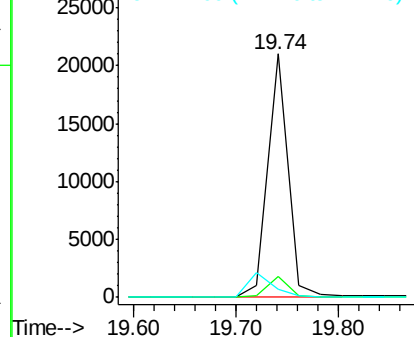
244 100

212 8.5 10.6 16.0#

122 3.5 15.4 23.0#



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



#30

Benzo(a)anthracene

Concen: 3.71 ng

RT: 21.25 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

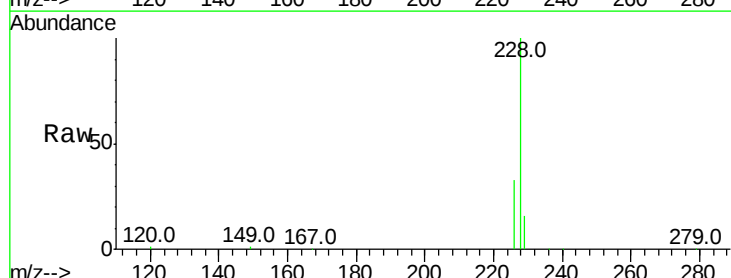
Tgt Ion:228 Resp: 42056

Ion Ratio Lower Upper

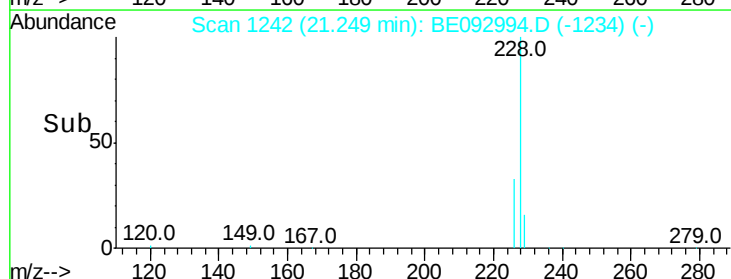
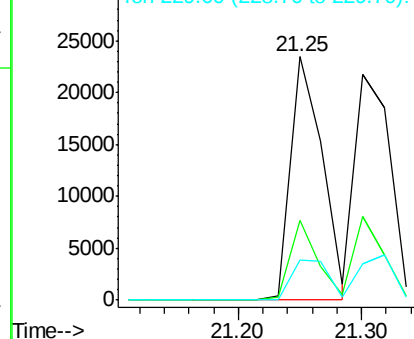
228 100

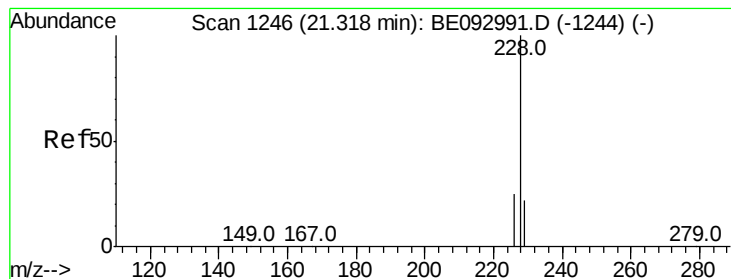
226 33.0 19.7 29.5#

229 16.2 19.2 28.8#



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





#31

Chrysene

Concen: 3.02 ng

RT: 21.30 min Scan# 1245

Delta R.T. -0.02 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Instrument :

BNA_E

ClientSampleId :

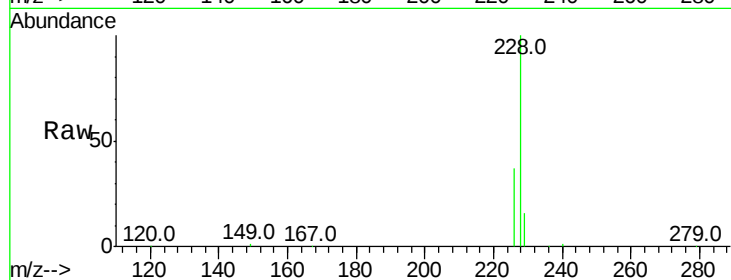
Tot Ion:228 Resp: 44235

Ion Ratio Lower Upper

228 100

226 36.7 21.5 32.3#

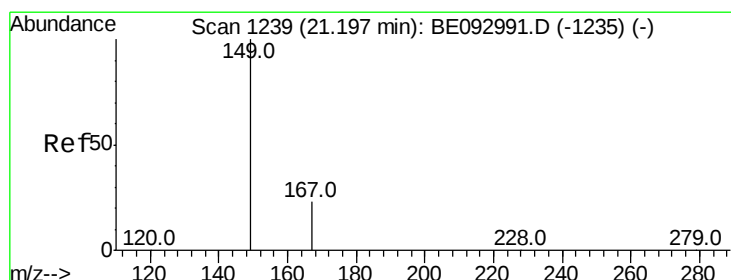
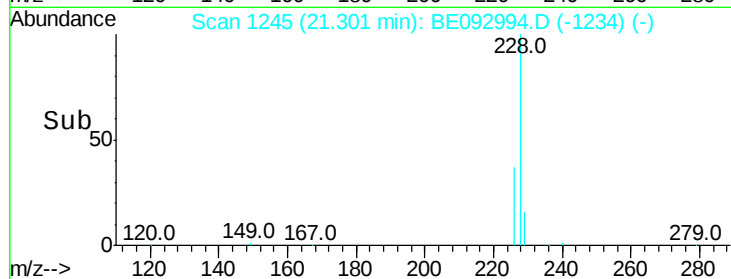
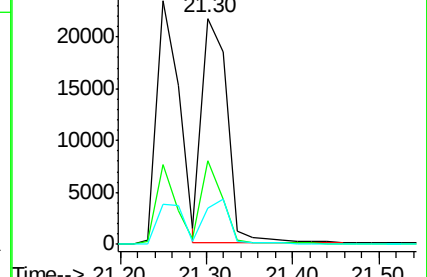
229 16.2 18.6 28.0#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 3.75 ng

RT: 21.20 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

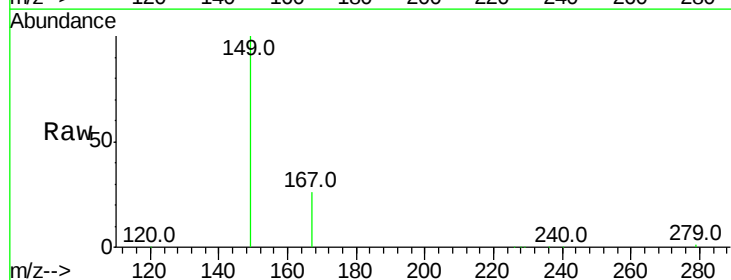
Tgt Ion:149 Resp: 18740

Ion Ratio Lower Upper

149 100

167 25.8 20.1 30.1

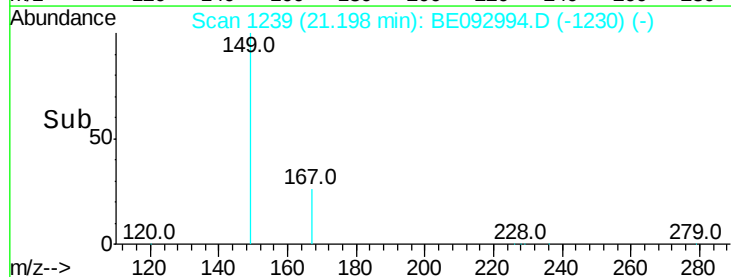
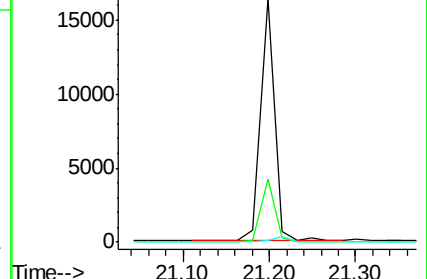
279 2.2 2.2 3.4#

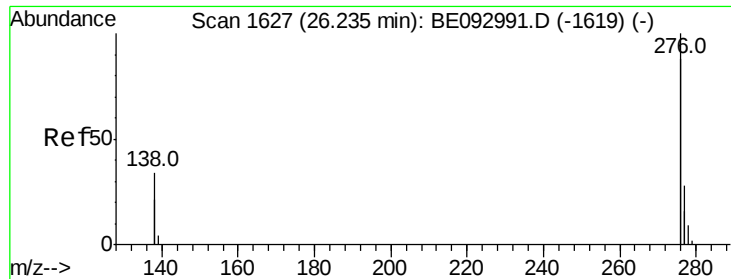


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 3.37 ng

RT: 26.22 min Scan# 1626

Delta R.T. -0.02 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Instrument :

BNA_E

ClientSampleId :

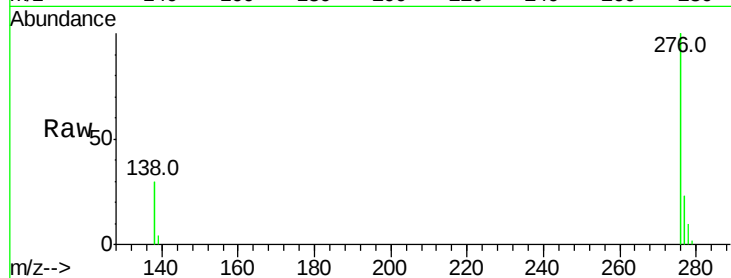
Tot Ion:276 Resp: 154836

Ion Ratio Lower Upper

276 100

138 33.1 27.4 41.2

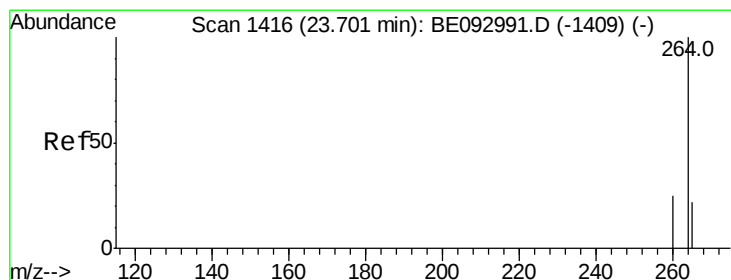
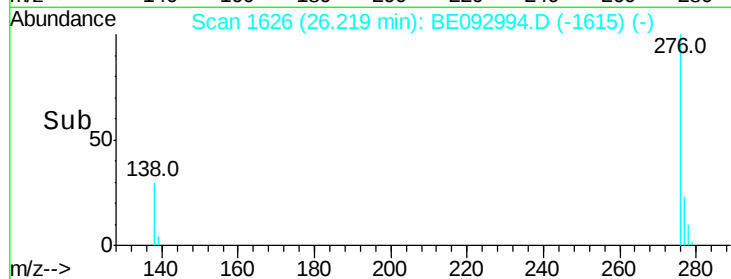
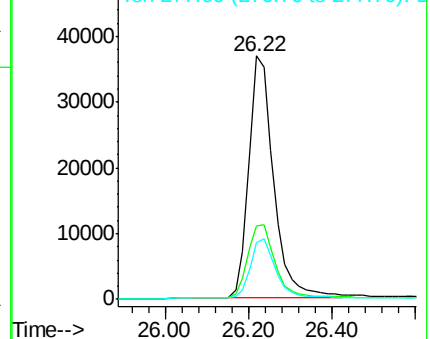
277 24.9 20.1 30.1



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



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.69 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

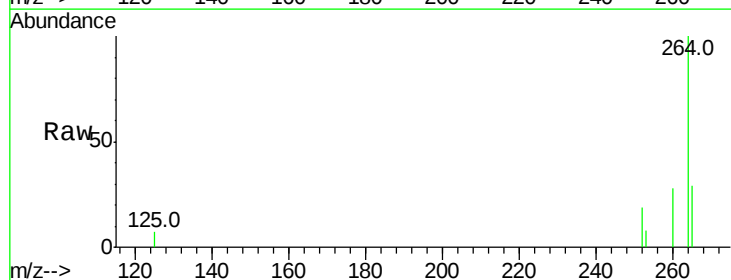
Tgt Ion:264 Resp: 3496

Ion Ratio Lower Upper

264 100

260 27.6 21.0 31.4

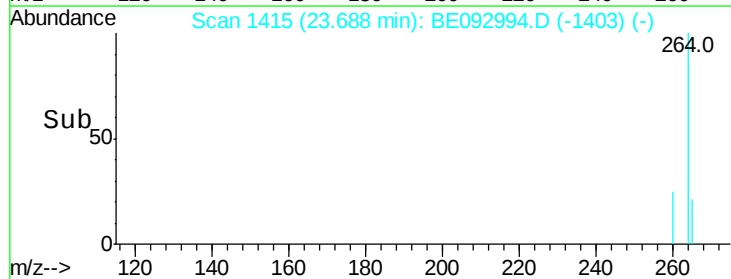
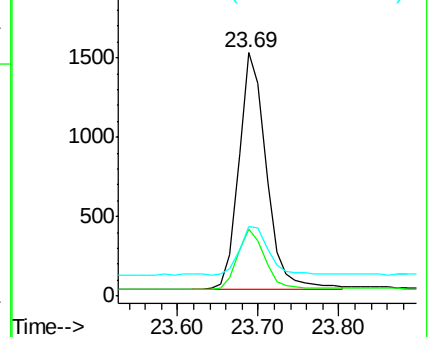
265 28.8 24.6 36.8

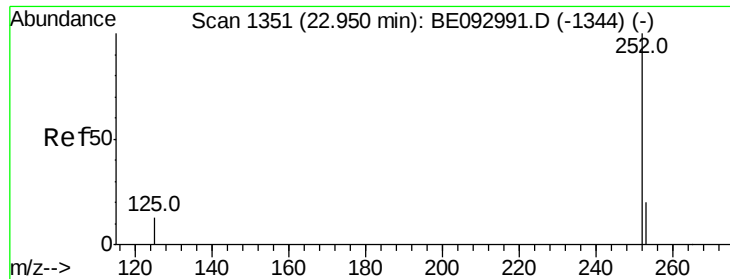


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.39 ng

RT: 22.99 min Scan# 1355

Delta R.T. 0.05 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Instrument :

BNA_E

ClientSampleId :

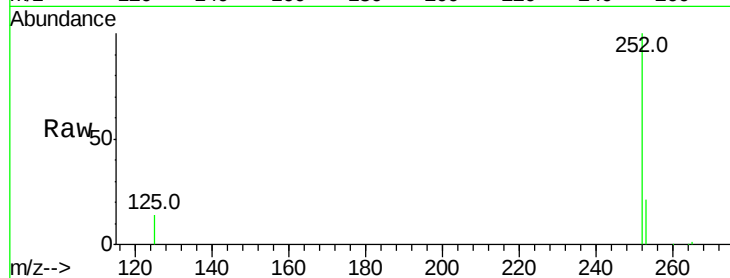
Tot Ion:252 Resp: 37681

Ion Ratio Lower Upper

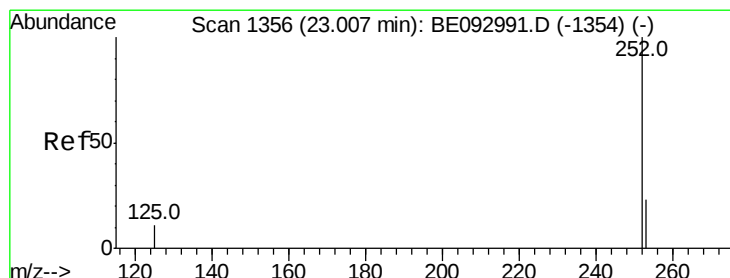
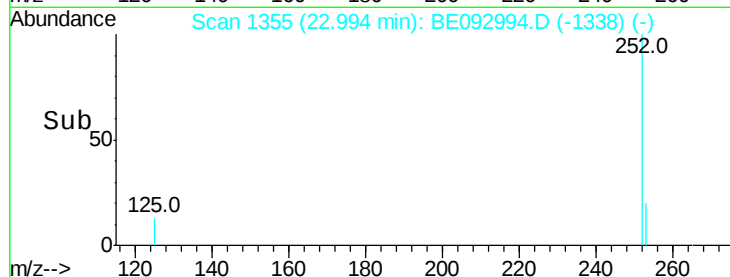
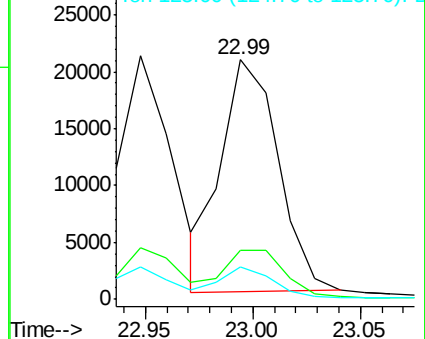
252 100

253 20.6 18.5 27.7

125 13.7 13.4 20.0



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



#36

Benzo(k)fluoranthene

Concen: 3.66 ng

RT: 22.99 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

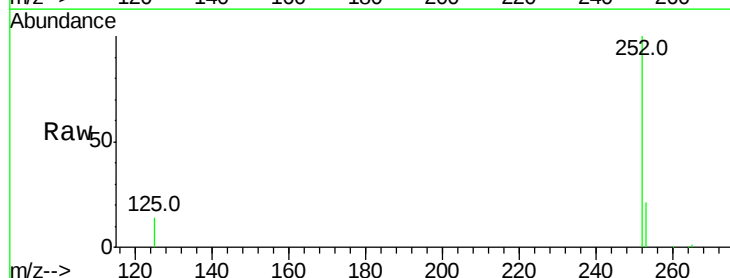
Tgt Ion:252 Resp: 40269

Ion Ratio Lower Upper

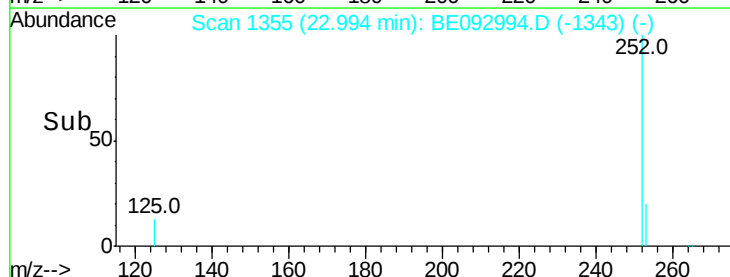
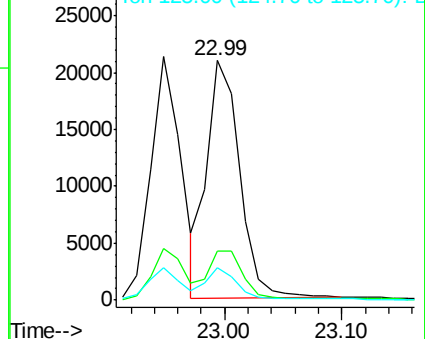
252 100

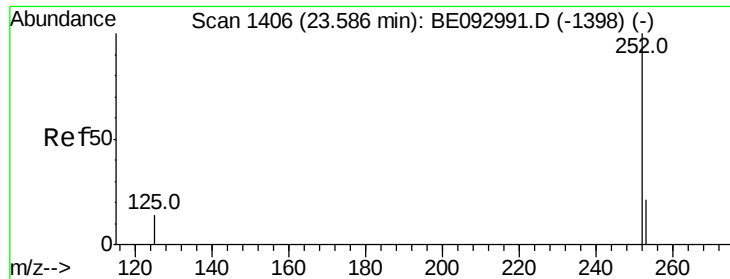
253 20.6 20.3 30.5

125 13.7 12.2 18.4



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

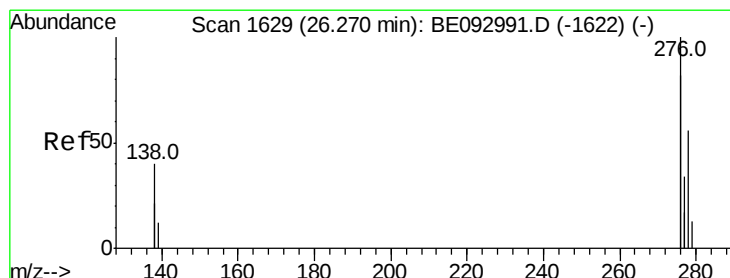
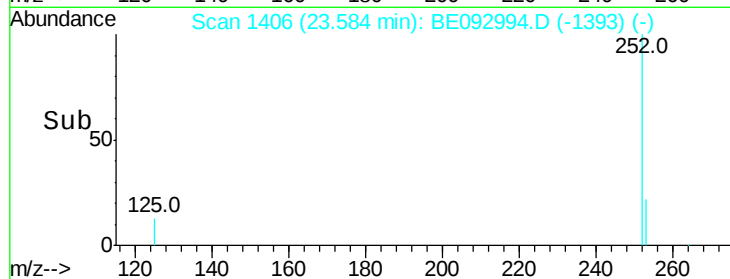
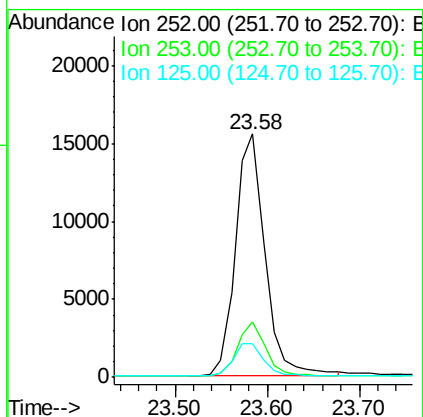
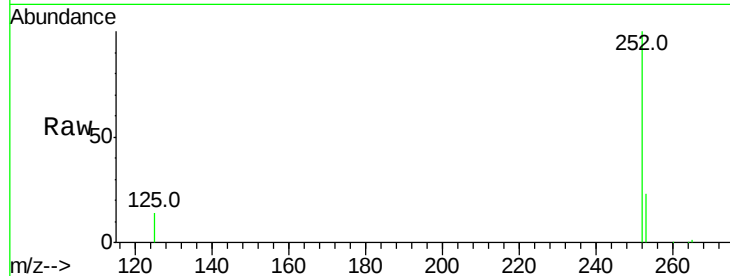




#37
Benzo(a)pyrene
Concen: 3.62 ng
RT: 23.58 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

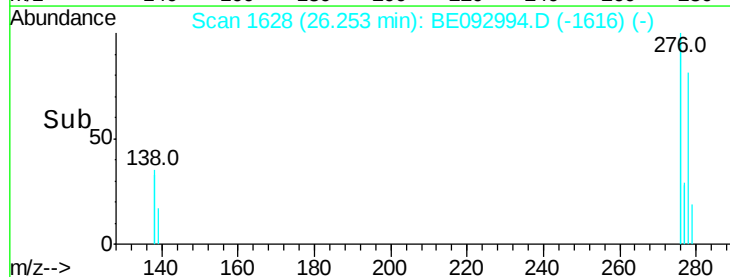
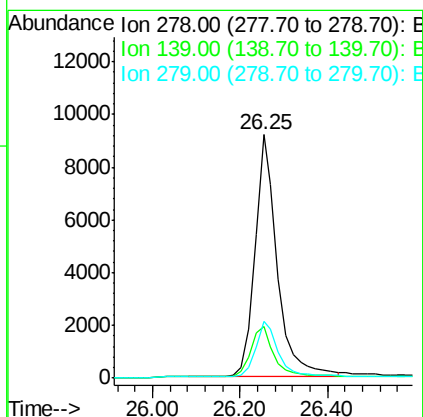
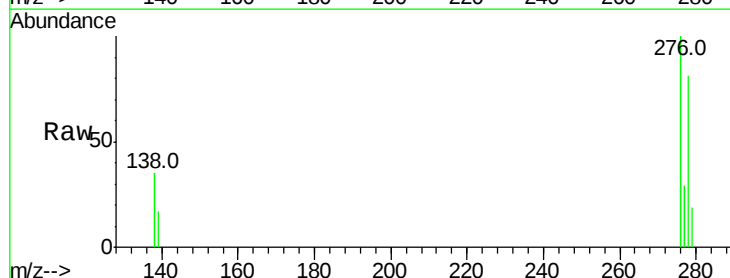
Instrument :
BNA_E
ClientSampleId :

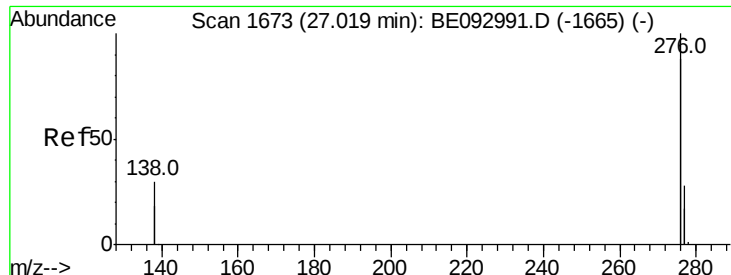
Tot Ion:252 Resp: 34757
Ion Ratio Lower Upper
252 100
253 22.6 19.9 29.9
125 13.8 14.6 21.8#



#38
Dibenzo(a,h)anthracene
Concen: 3.79 ng
RT: 26.25 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Tgt Ion:278 Resp: 32847
Ion Ratio Lower Upper
278 100
139 21.2 21.4 32.0#
279 23.3 22.2 33.2





#39

Benzo(a,h,i)perylene

Concen: 3.47 ng

RT: 27.00 min Scan# 1672

Delta R.T. 0.00 min

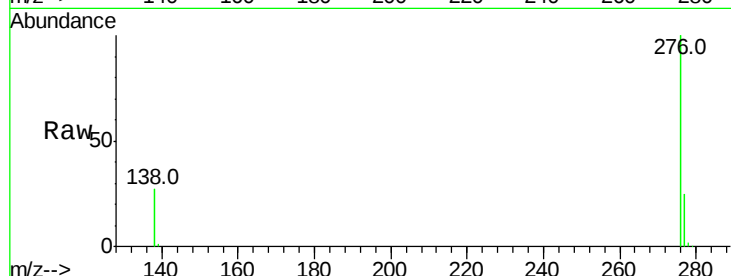
Lab File: BE092994.D

Acq: 11 May 2017 13:52

Instrument :

BNA_E

ClientSampleId :



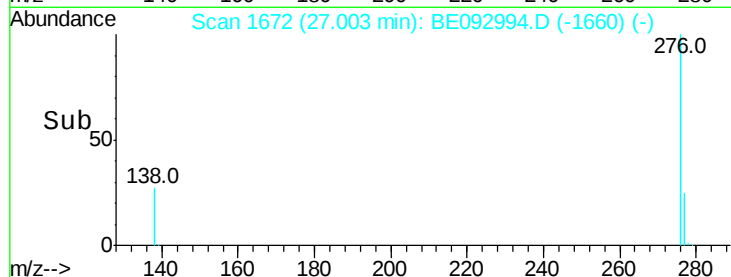
Tot Ion: 276 Resp: 139171

Ion Ratio Lower Upper

276 100

277 24.5 21.2 31.8

138 27.4 24.5 36.7



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

