

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050917\
 Data File : BE092959.D
 Acq On : 9 May 2017 10:56
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 09 17:12:42 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 15:34:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	786	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3302	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1656	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4117	0.40	ng	0.00
26) Chrysene-d12	21.28	240	6555	0.40	ng	0.00
33) Perylene-d12	23.70	264	22092	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	846	0.48	ng	0.00
5) Phenol-d6	6.94	99	1148	0.46	ng	0.00
8) Nitrobenzene-d5	8.90	82	1019	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1920	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	151	0.58	ng	0.01
15) 2-Fluorobiphenyl	13.01	172	2790	0.37	ng	0.00
24) Fluoranthene-d10	19.15	212	4092	0.43	ng	0.00
28) Terphenyl-d14	19.74	244	3115	0.27	ng	0.00

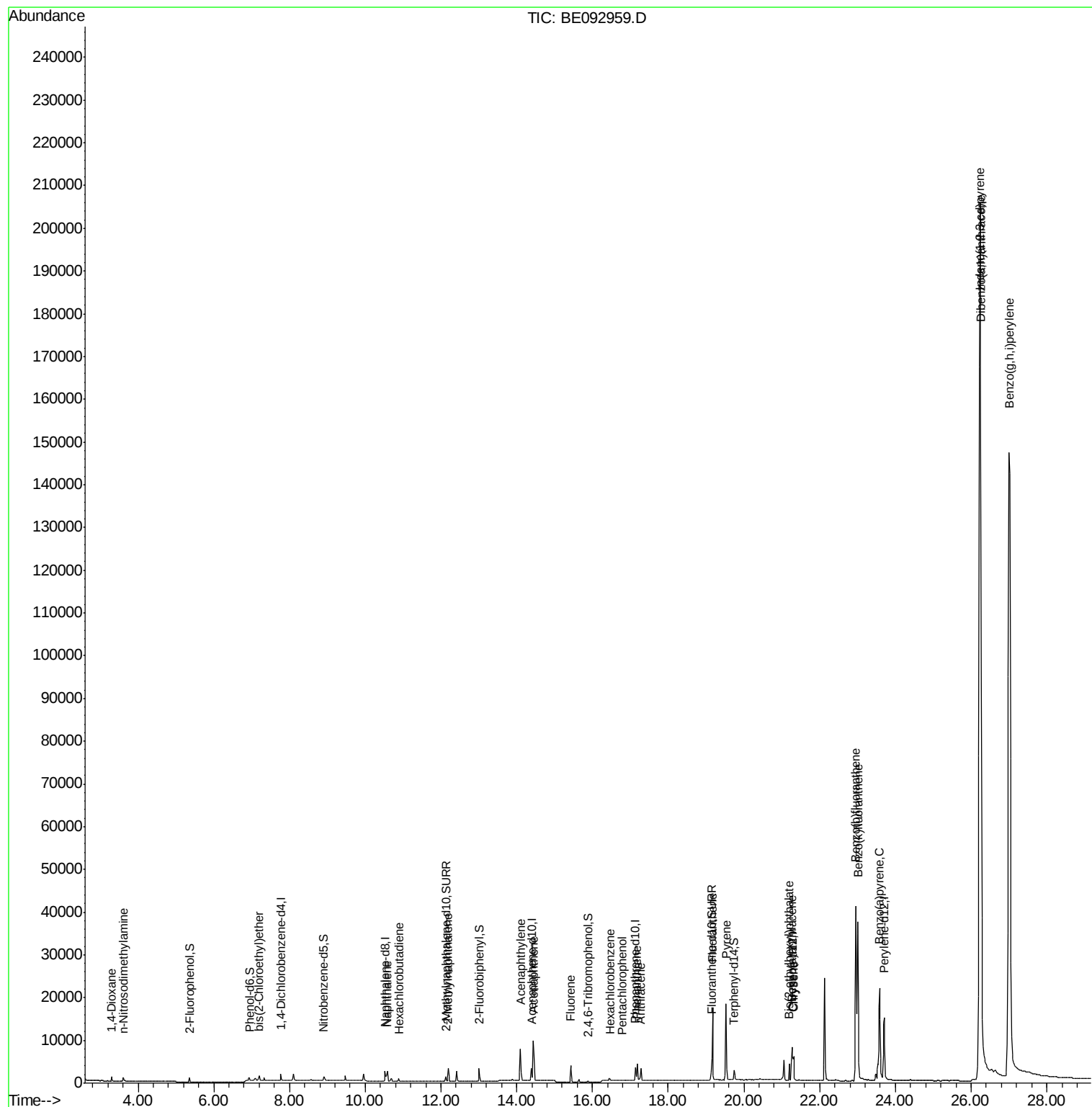
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	568	0.38	ng	99
3) n-Nitrosodimethylamine	3.61	42	526	0.45	ng	# 84
6) bis(2-Chloroethyl)ether	7.20	93	1107	0.38	ng	# 37
9) Naphthalene	10.58	128	3486	0.39	ng	# 88
10) Hexachlorobutadiene	10.89	225	474	0.39	ng	96
12) 2-Methylnaphthalene	12.19	142	2167	0.40	ng	# 93
16) Acenaphthylene	14.10	152	10480	0.40	ng	99
17) Acenaphthene	14.45	154	2019	0.39	ng	95
18) Fluorene	15.42	166	2513	0.39	ng	98
20) Hexachlorobenzene	16.47	284	705	0.40	ng	# 100
21) Pentachlorophenol	16.79	266	297	0.82	ng	# 83
22) Phenanthrene	17.18	178	4923	0.42	ng	97
23) Anthracene	17.27	178	3888	0.44	ng	96
25) Fluoranthene	19.17	202	21582	0.43	ng	# 97
27) Pyrene	19.53	202	22487	0.27	ng	# 99
29) Benzo(a)anthracene	21.27	228	6976	0.45	ng	# 82
30) Chrysene	21.32	228	7550	0.39	ng	# 82
31) Bis(2-ethylhexyl)phthalate	21.20	149	3832	0.91	ng	# 98
32) Indeno(1,2,3-cd)pyrene	26.24	276	429840	6.09	ng	98
34) Benzo(b)fluoranthene	22.95	252	58653	0.81	ng	# 79
35) Benzo(k)fluoranthene	23.01	252	56122	0.78	ng	# 77
36) Benzo(a)pyrene	23.59	252	34233	0.58	ng	# 70
37) Dibenzo(a,h)anthracene	26.25	278	93152	1.40	ng	# 75
38) Benzo(g,h,i)perylene	27.00	276	365574	1.29	ng	# 78

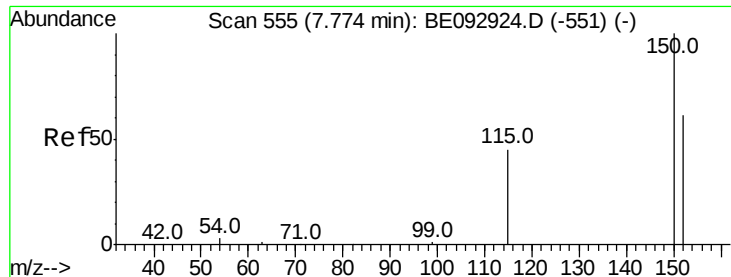
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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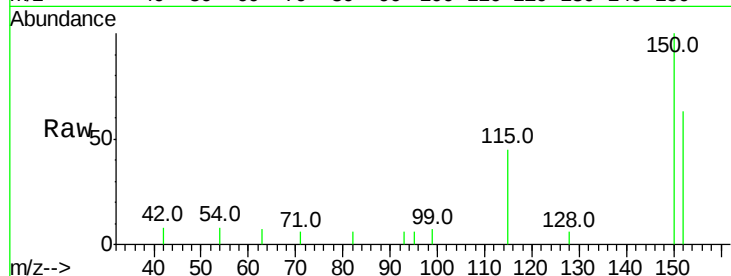


#1

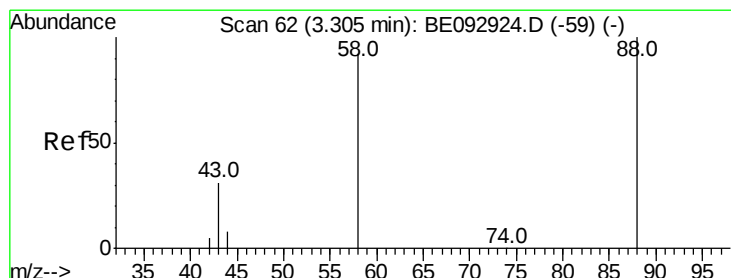
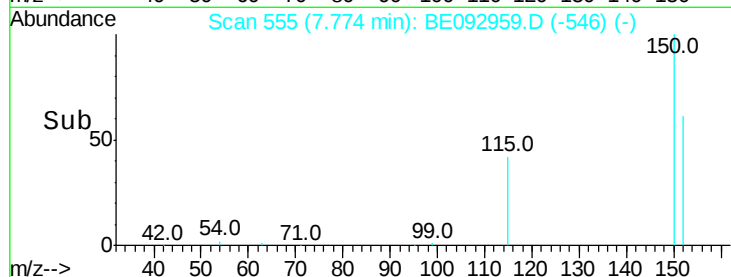
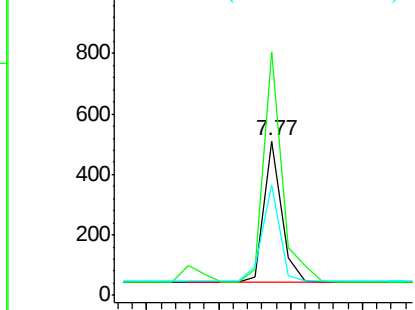
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092959.D
Acq: 9 May 2017 10:56

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 786
Ion Ratio Lower Upper
152 100
150 157.7 129.9 194.9
115 71.6 62.6 93.8



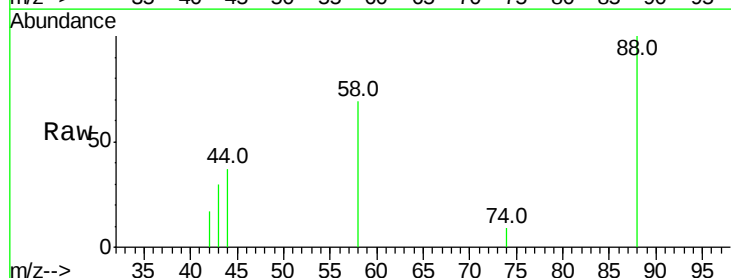
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



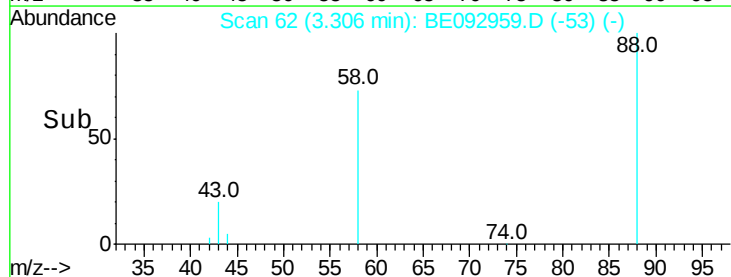
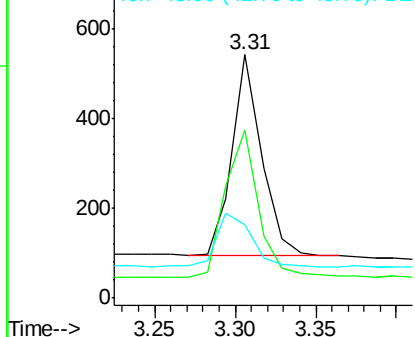
#2

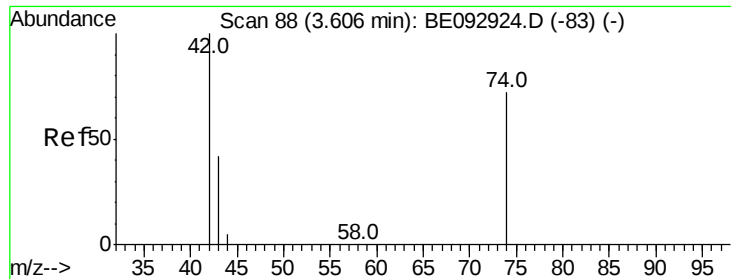
1,4-Dioxane
Concen: 0.38 ng
RT: 3.31 min Scan# 62
Delta R.T. 0.00 min
Lab File: BE092959.D
Acq: 9 May 2017 10:56

Tgt Ion: 88 Resp: 568
Ion Ratio Lower Upper
88 100
58 80.1 64.9 97.3
43 32.6 26.6 40.0



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.45 ng

RT: 3.61 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE092959.D

Acq: 9 May 2017 10:56

Instrument :

BNA_E

ClientSampled :

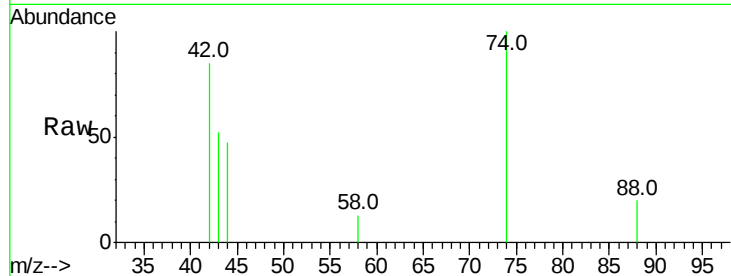
Tot Ion: 42 Resp: 526

Ion Ratio Lower Upper

42 100

74 120.5 106.6 160.0

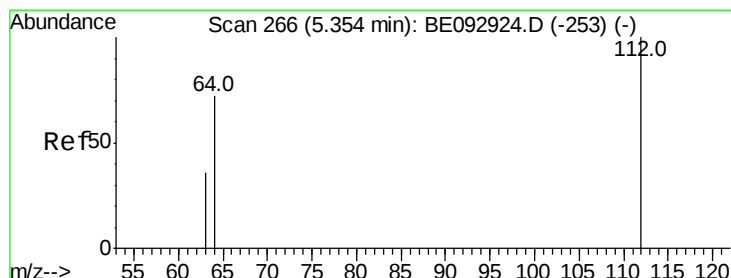
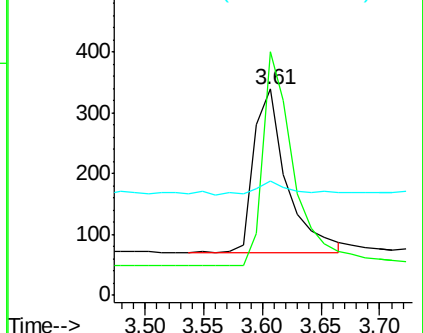
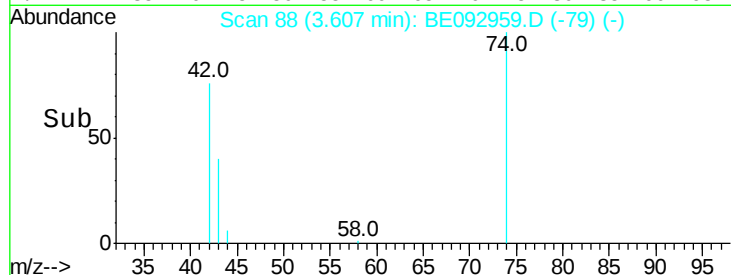
44 9.7 25.7 38.5#



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: 0.48 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE092959.D

Acq: 9 May 2017 10:56

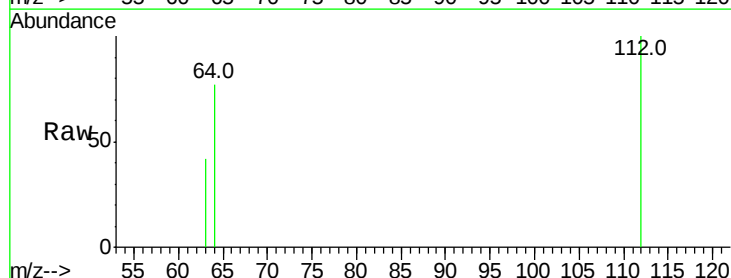
Tgt Ion: 112 Resp: 846

Ion Ratio Lower Upper

112 100

64 70.8 52.6 79.0

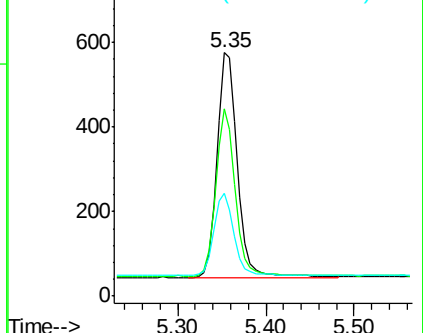
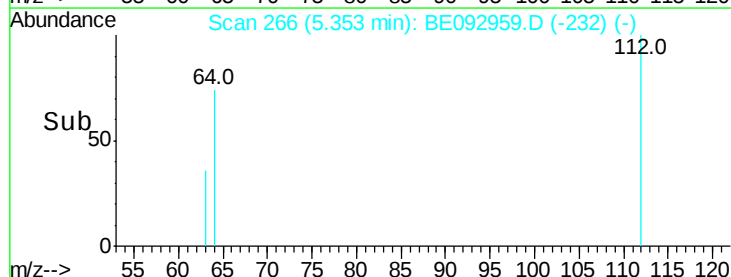
63 35.9 29.0 43.4

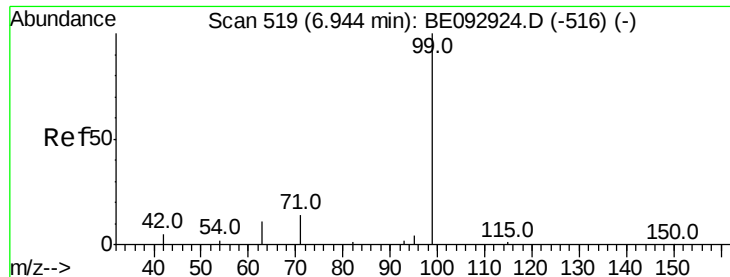


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.46 ng

RT: 6.94 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092959.D

Acq: 9 May 2017 10:56

Instrument :

BNA_E

ClientSampleId :

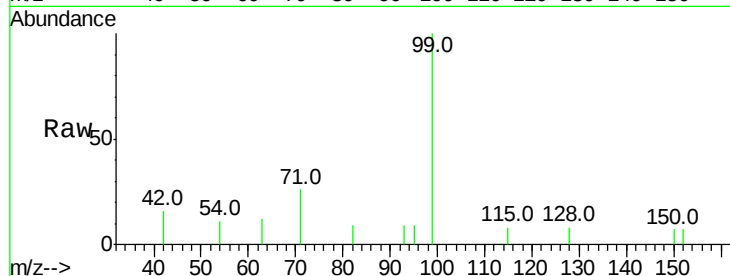
Tot Ion: 99 Resp: 1148

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

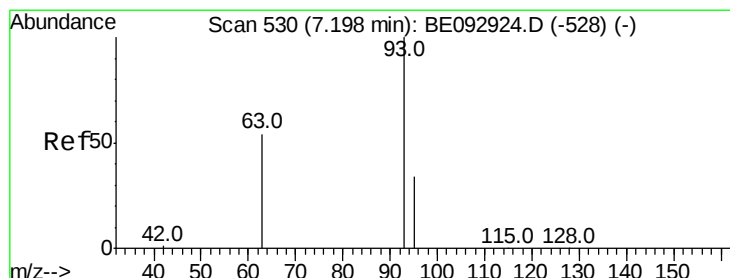
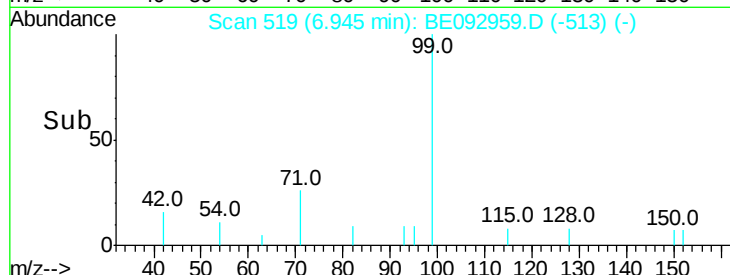
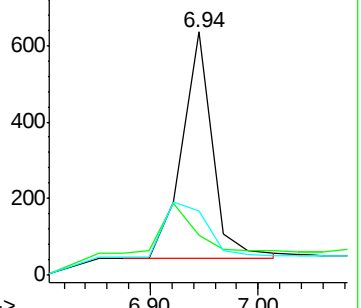
71 0.0 0.0 0.0



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: 0.38 ng

RT: 7.20 min Scan# 530

Delta R.T. 0.00 min

Lab File: BE092959.D

Acq: 9 May 2017 10:56

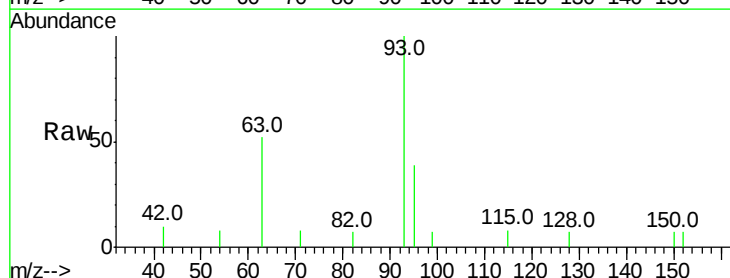
Tgt Ion: 93 Resp: 1107

Ion Ratio Lower Upper

93 100

63 0.0 61.2 91.8#

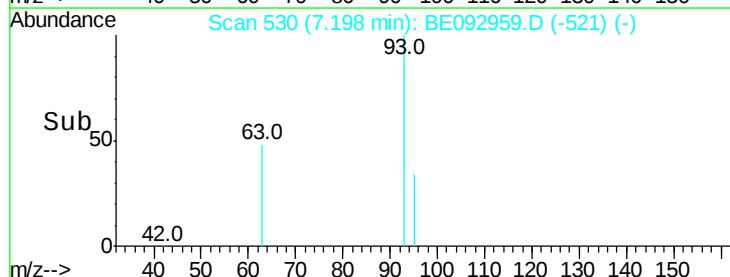
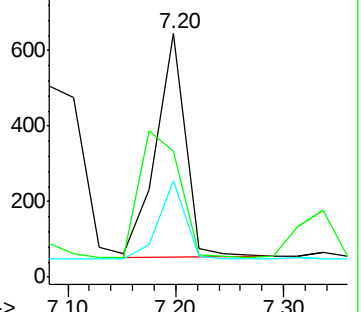
95 32.0 25.5 38.3

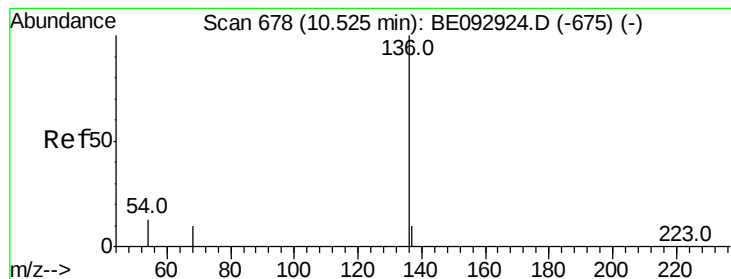


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092959.D

Acq: 9 May 2017 10:56

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3302

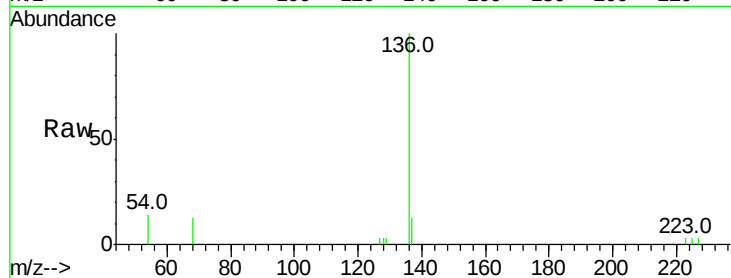
Ion Ratio Lower Upper

136 100

137 12.6 10.4 15.6

54 14.0 12.6 18.8

68 12.5 10.7 16.1

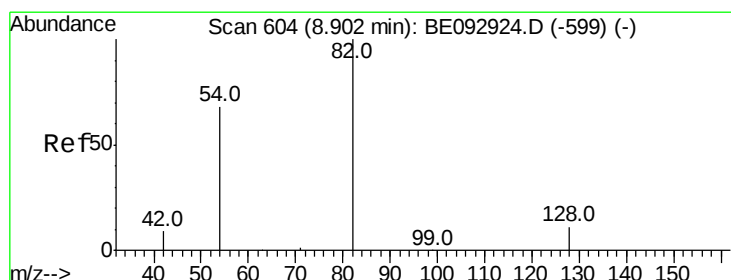
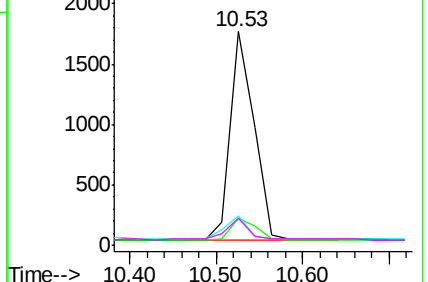
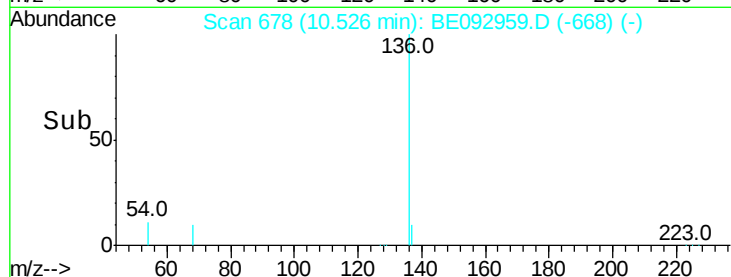


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.46 ng

RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092959.D

Acq: 9 May 2017 10:56

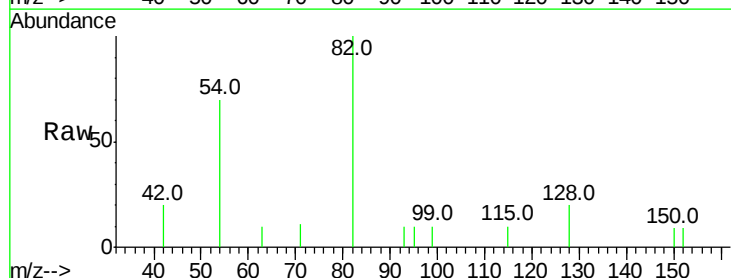
Tgt Ion: 82 Resp: 1019

Ion Ratio Lower Upper

82 100

128 20.1 35.3 52.9#

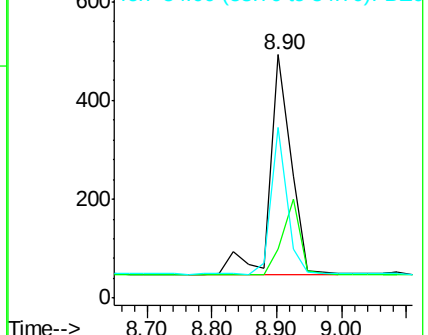
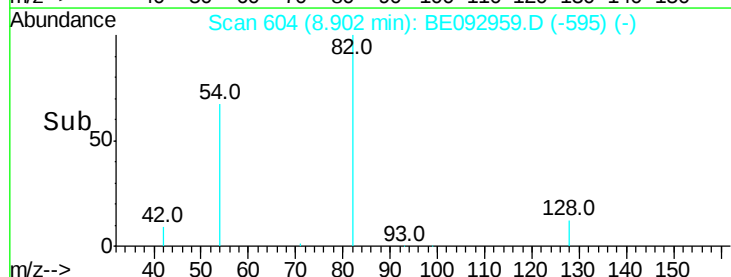
54 70.2 65.1 97.7

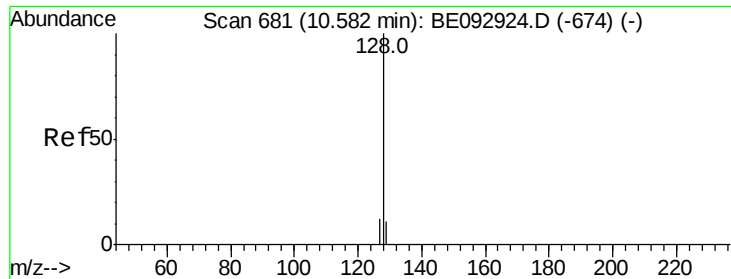


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.39 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE092959.D

Acq: 9 May 2017 10:56

Instrument :

BNA_E

ClientSampled :

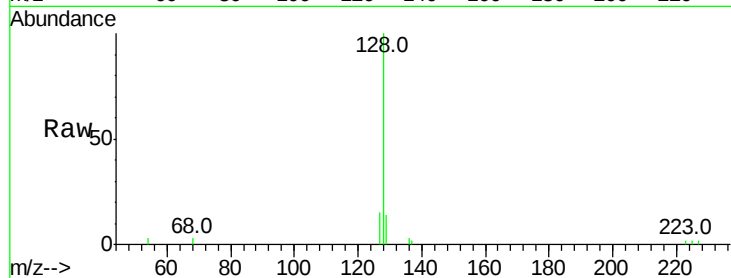
Tot Ion:128 Resp: 3486

Ion Ratio Lower Upper

128 100

129 14.2 15.8 23.8#

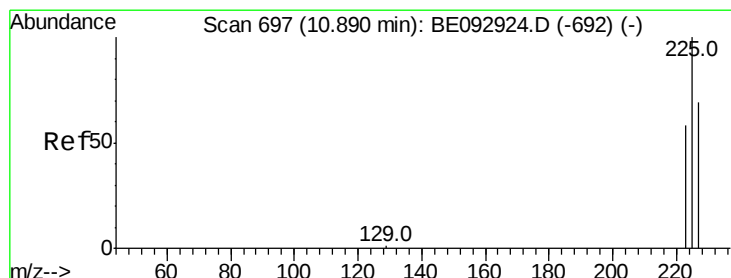
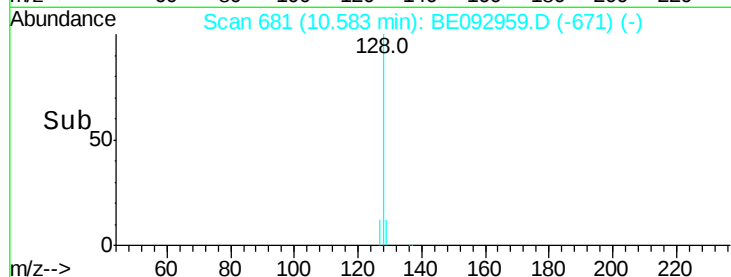
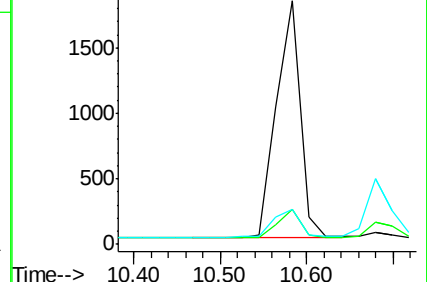
127 14.6 16.0 24.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.39 ng

RT: 10.89 min Scan# 697

Delta R.T. 0.00 min

Lab File: BE092959.D

Acq: 9 May 2017 10:56

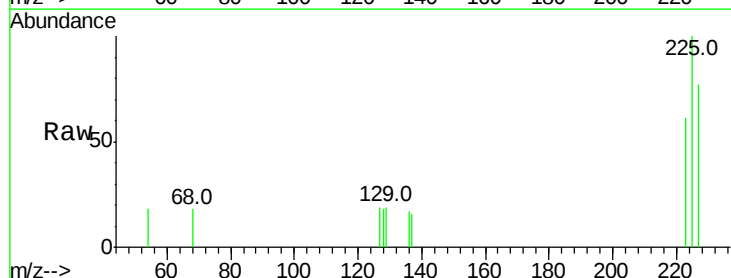
Tgt Ion:225 Resp: 474

Ion Ratio Lower Upper

225 100

223 63.9 55.4 83.2

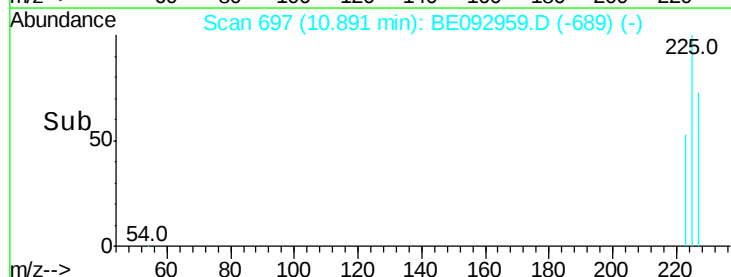
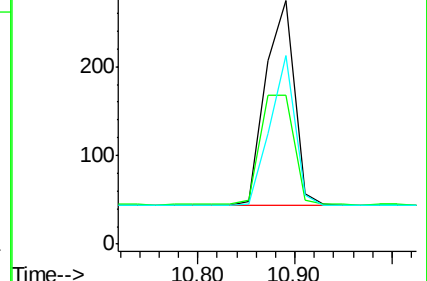
227 63.5 52.2 78.4

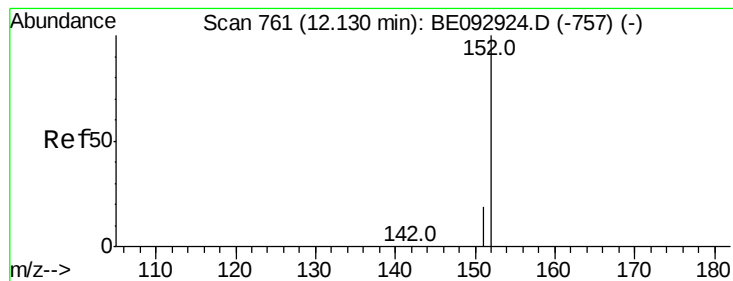


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.39 ng

RT: 12.13 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE092959.D

Acq: 9 May 2017 10:56

Instrument :

BNA_E

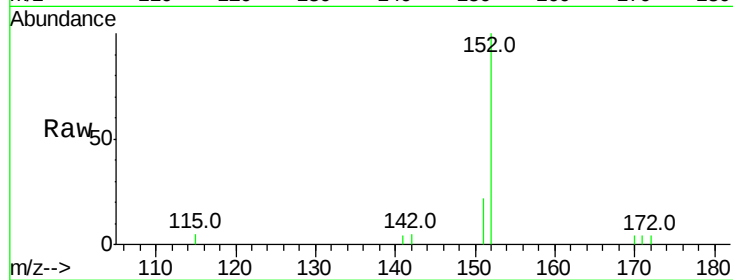
ClientSampleId :

Tot Ion:152 Resp: 1920

Ion Ratio Lower Upper

152 100

151 19.1 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.13

1200

1000

800

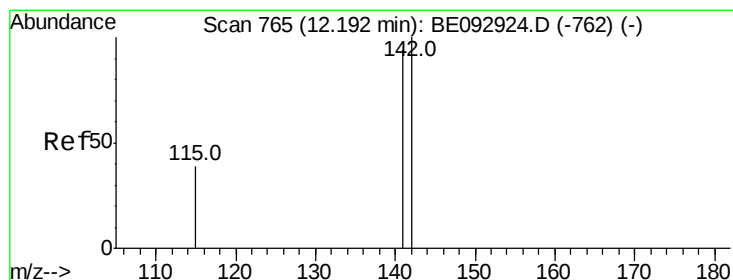
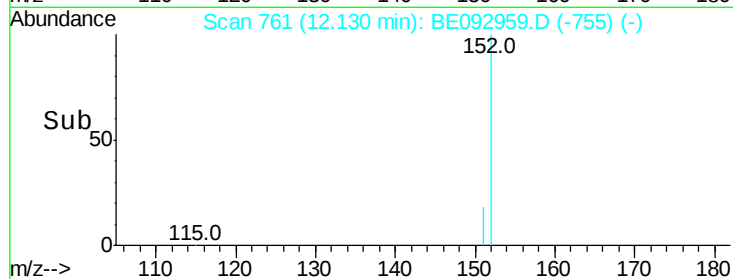
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.40 ng

RT: 12.19 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE092959.D

Acq: 9 May 2017 10:56

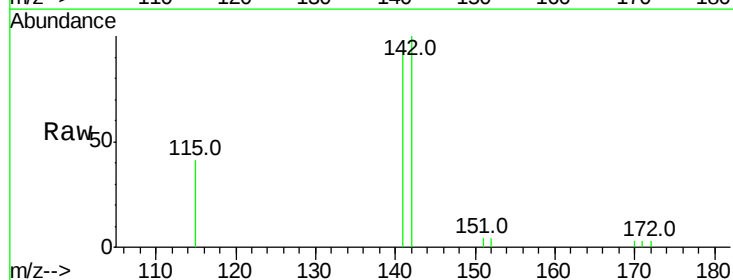
Tgt Ion:142 Resp: 2167

Ion Ratio Lower Upper

142 100

141 93.4 76.0 114.0

115 41.1 41.6 62.4#



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

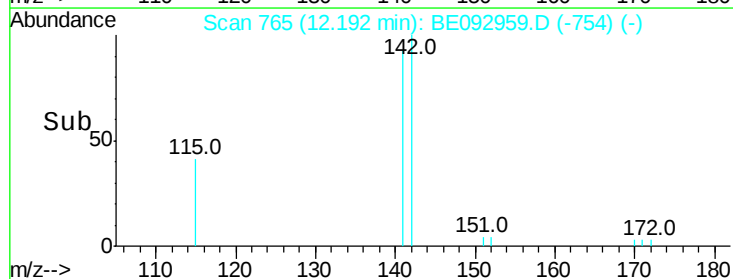
1500

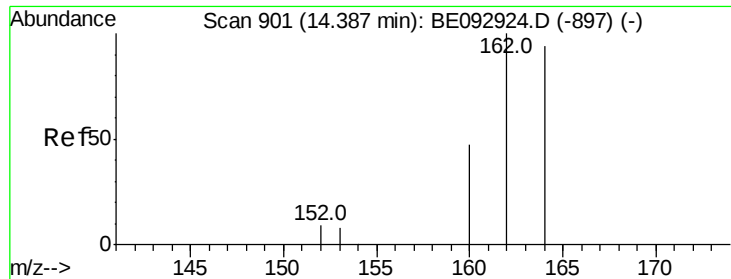
1000

500

0

Time-->

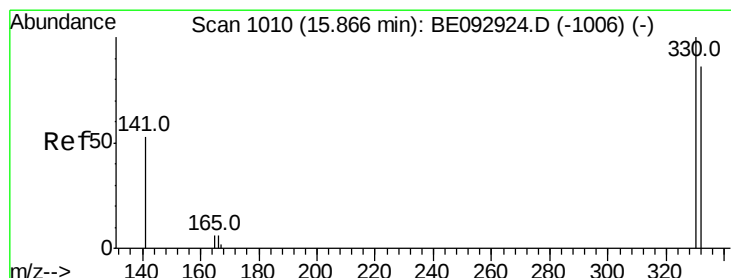
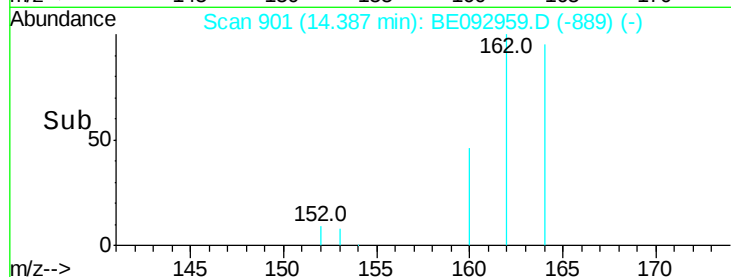
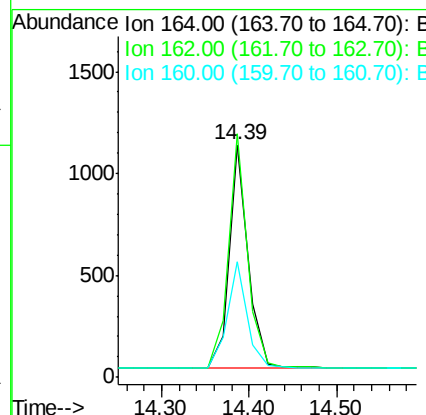
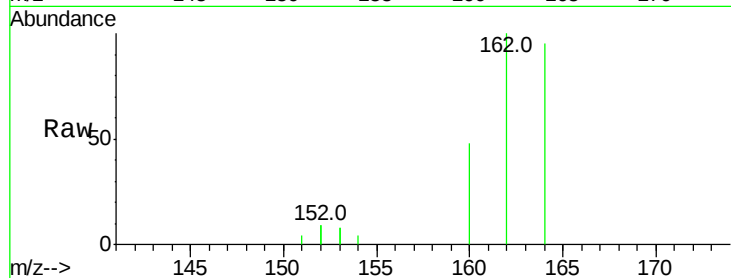




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE092959.D
Acq: 9 May 2017 10:56

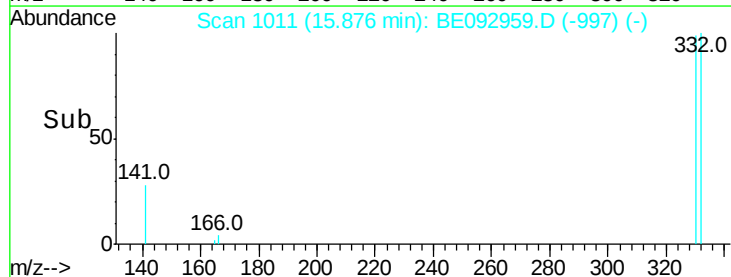
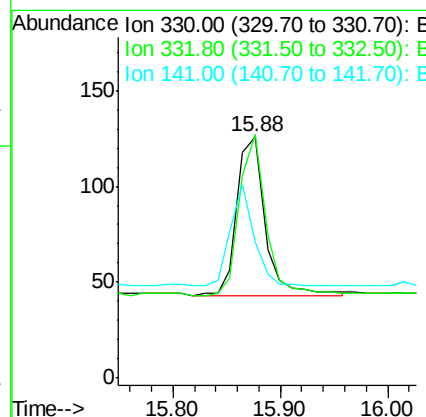
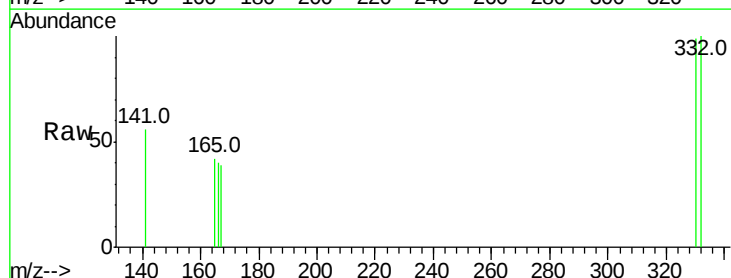
Instrument :
BNA_E
ClientSampleId :

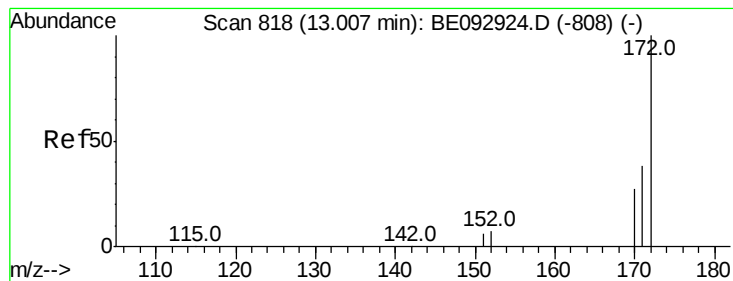
Tot Ion:164 Resp: 1656
Ion Ratio Lower Upper
164 100
162 104.7 86.6 130.0
160 50.0 44.5 66.7



#14
2,4,6-Tribromophenol
Concen: 0.58 ng
RT: 15.88 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BE092959.D
Acq: 9 May 2017 10:56

Tgt Ion:330 Resp: 151
Ion Ratio Lower Upper
330 100
332 95.4 69.1 103.7
141 53.0 54.6 81.8#





#15

2-Fluorobiphenyl

Concen: 0.37 ng

RT: 13.01 min Scan# 818

Delta R.T. 0.00 min

Lab File: BE092959.D

Acq: 9 May 2017 10:56

Instrument :

BNA_E

ClientSampleId :

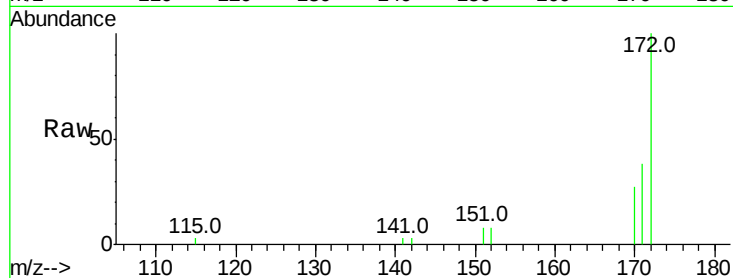
Tot Ion:172 Resp: 2790

Ion Ratio Lower Upper

172 100

171 37.7 35.8 53.6

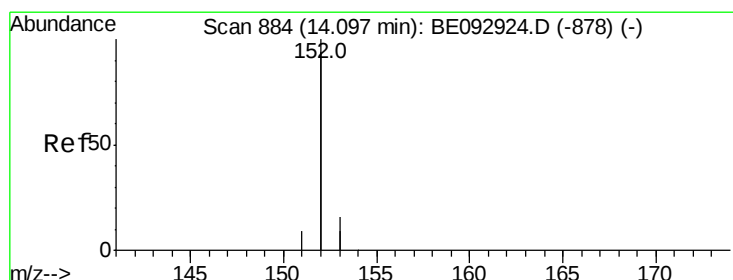
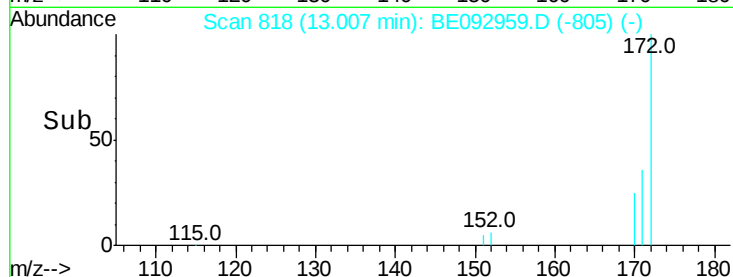
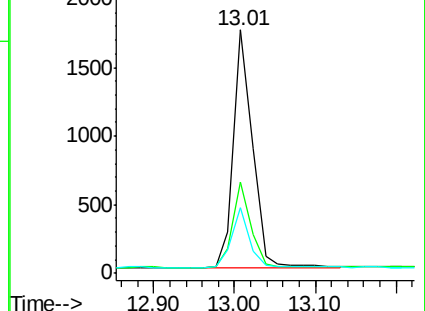
170 27.0 28.5 42.7#



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.40 ng

RT: 14.10 min Scan# 884

Delta R.T. 0.00 min

Lab File: BE092959.D

Acq: 9 May 2017 10:56

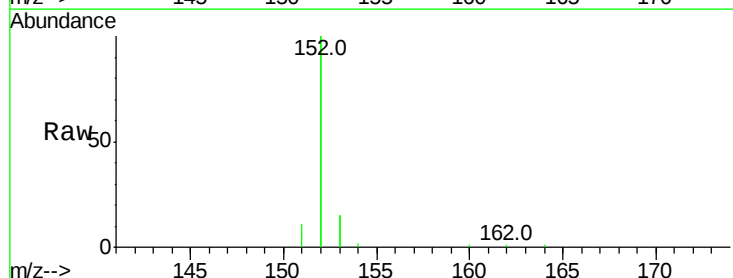
Tgt Ion:152 Resp: 10480

Ion Ratio Lower Upper

152 100

151 5.0 3.8 5.8

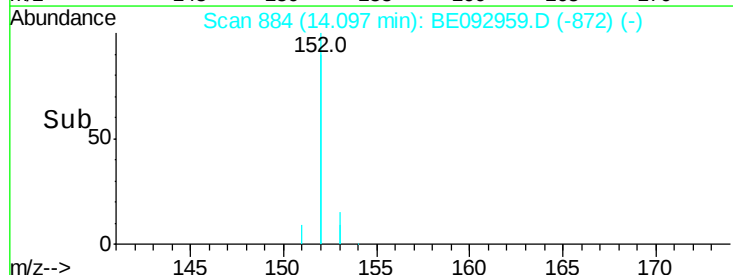
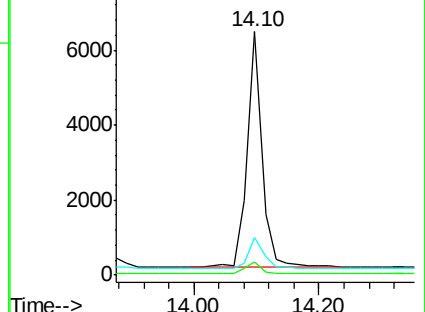
153 12.9 10.0 15.0

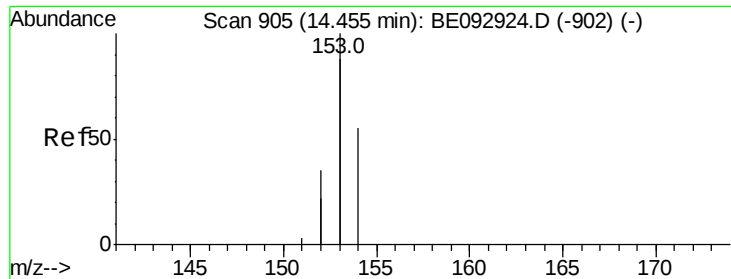


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

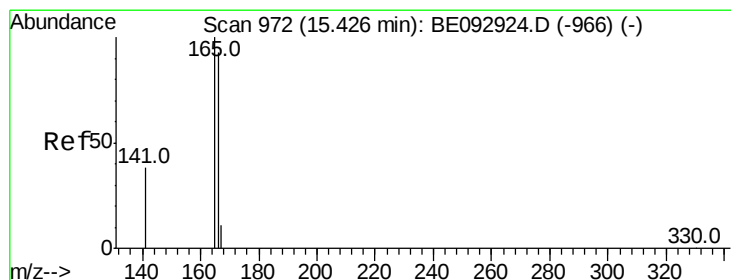
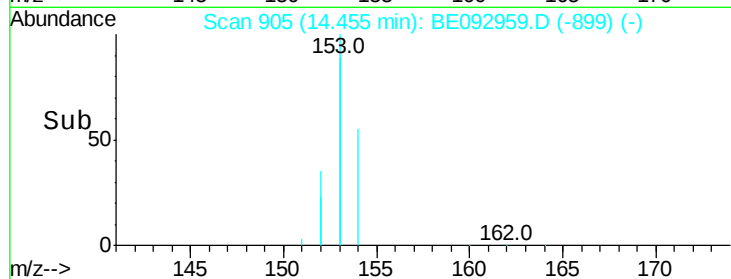
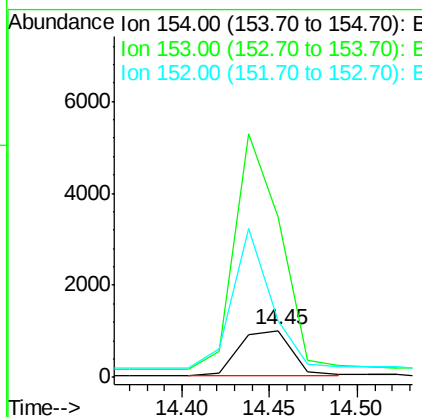
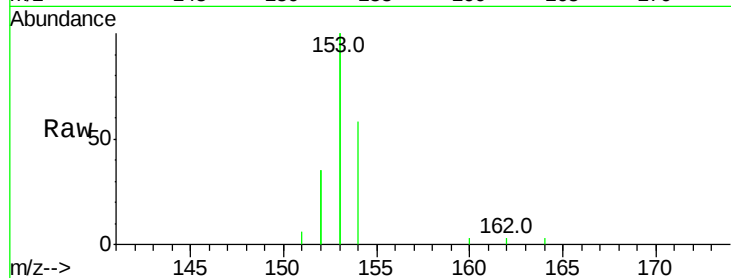




#17
Acenaphthene
Concen: 0.39 ng
RT: 14.45 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE092959.D
Acq: 9 May 2017 10:56

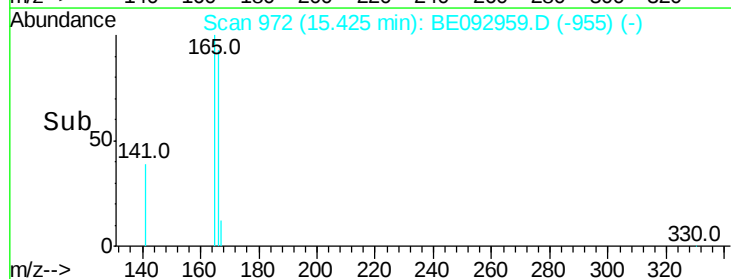
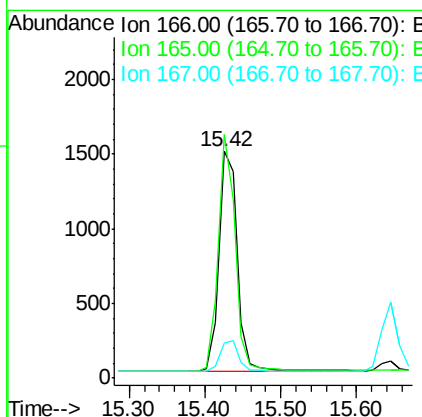
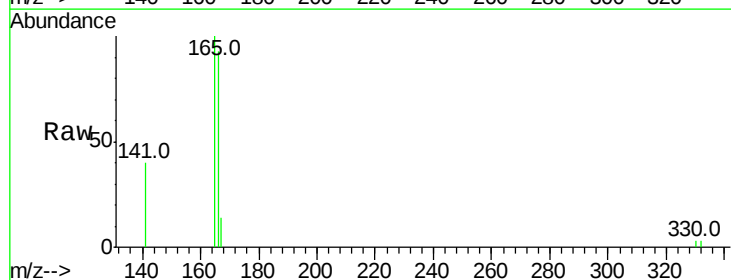
Instrument :
BNA_E
ClientSampleId :

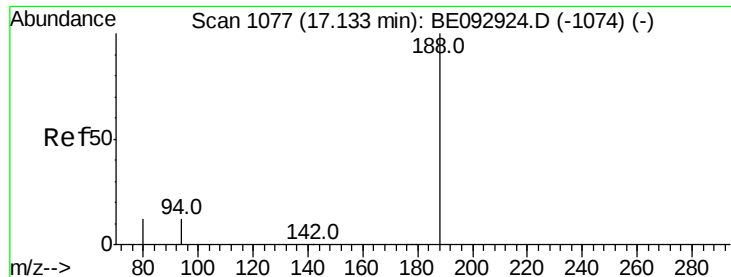
Tot Ion:154 Resp: 2019
Ion Ratio Lower Upper
154 100
153 457.2 355.6 533.4
152 232.9 177.8 266.8



#18
Fluorene
Concen: 0.39 ng
RT: 15.42 min Scan# 972
Delta R.T. -0.00 min
Lab File: BE092959.D
Acq: 9 May 2017 10:56

Tgt Ion:166 Resp: 2513
Ion Ratio Lower Upper
166 100
165 98.5 80.7 121.1
167 14.2 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BE092959.D

Acq: 9 May 2017 10:56

Instrument :

BNA_E

ClientSampleId :

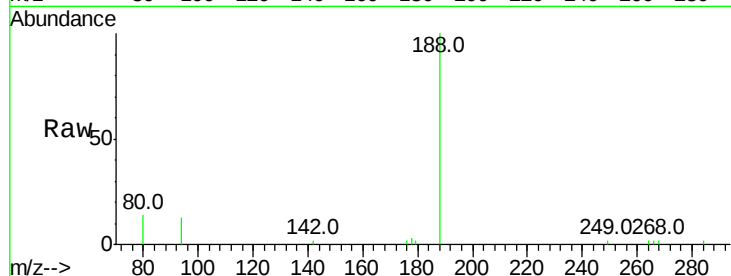
Tot Ion:188 Resp: 4117

Ion Ratio Lower Upper

188 100

94 13.3 10.2 15.4

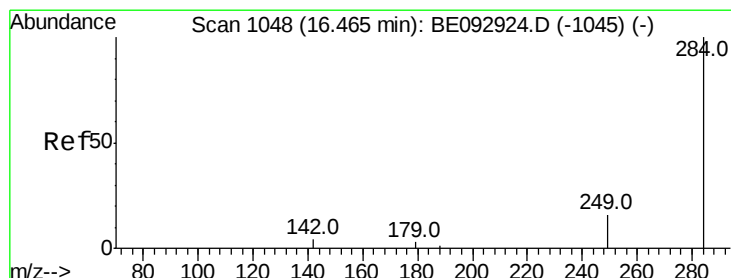
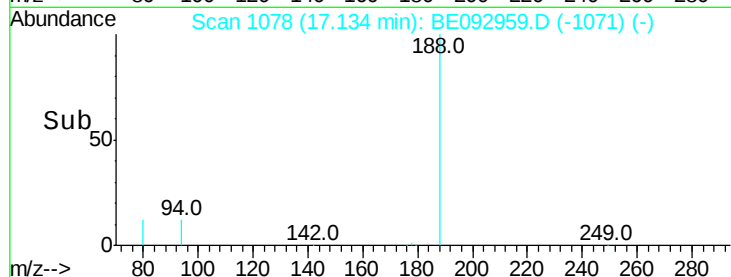
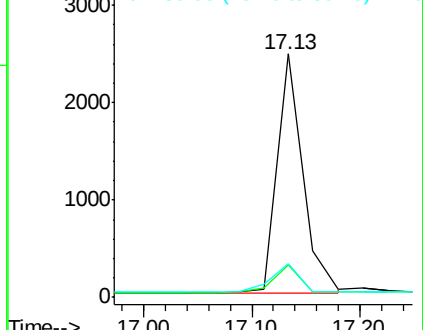
80 13.9 10.6 15.8



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

Hexachlorobenzene

Concen: 0.40 ng

RT: 16.47 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BE092959.D

Acq: 9 May 2017 10:56

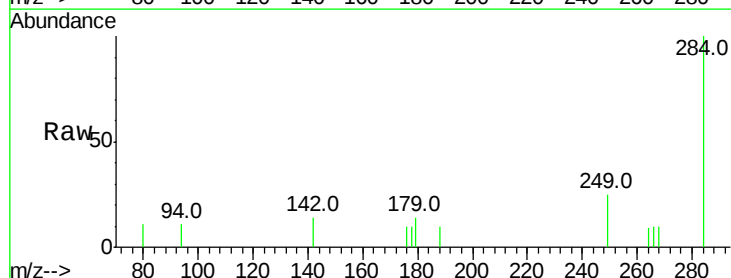
Tgt Ion:284 Resp: 705

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

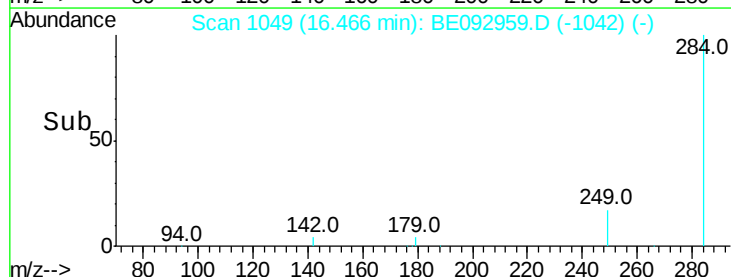
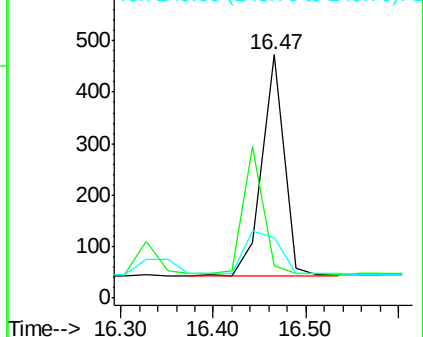
249 0.0 0.0 0.0

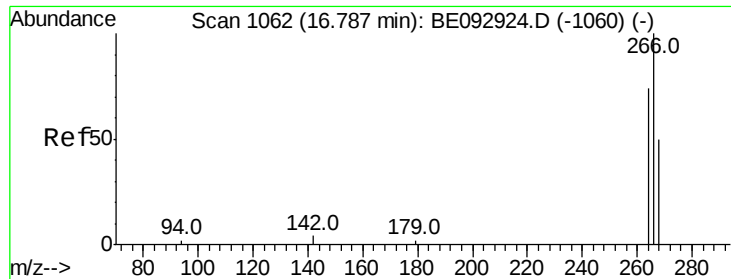


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

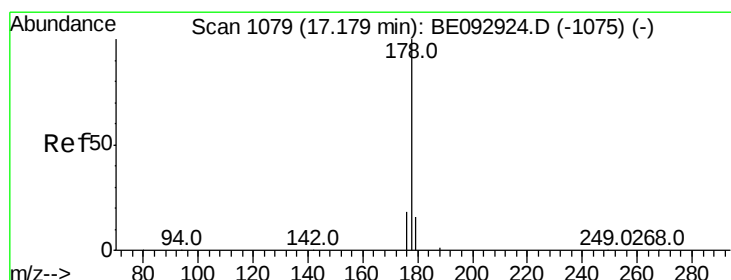
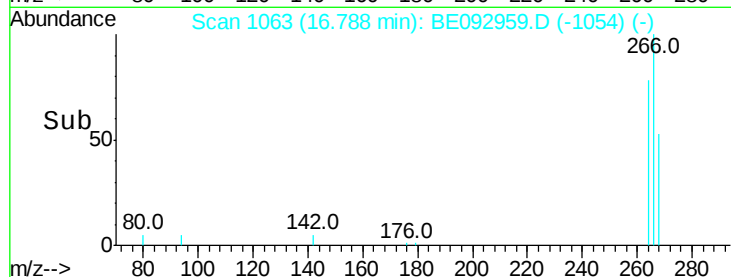
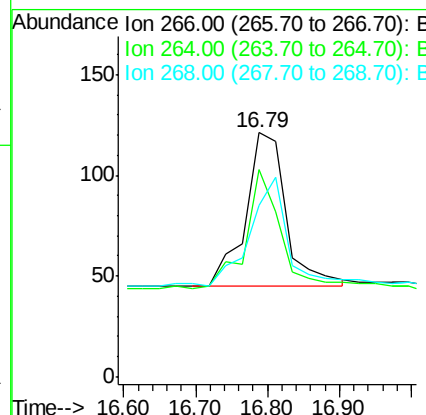
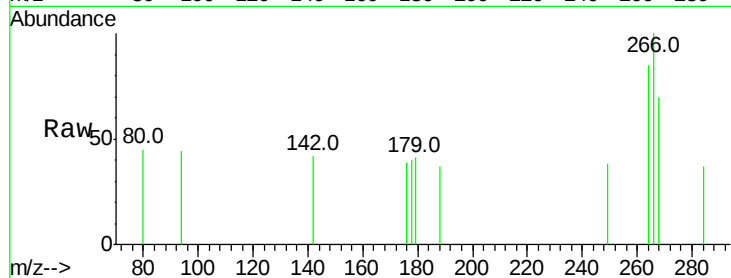




#21
 Pentachlorophenol
 Concen: 0.82 ng
 RT: 16.79 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BE092959.D
 Acq: 9 May 2017 10:56

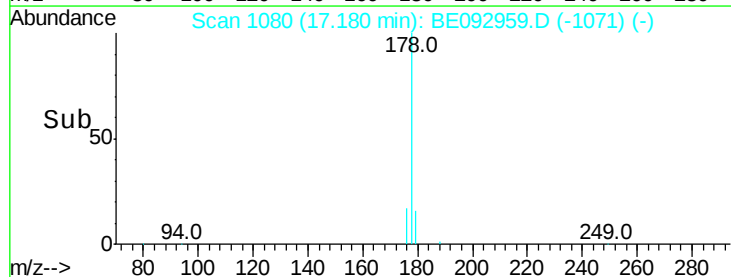
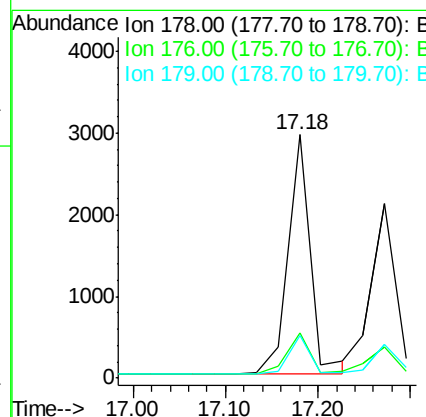
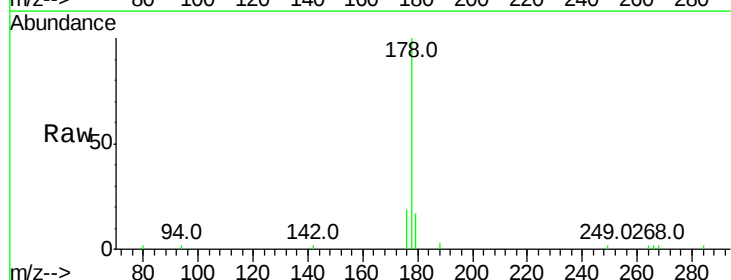
Instrument :
 BNA_E
 ClientSampleId :

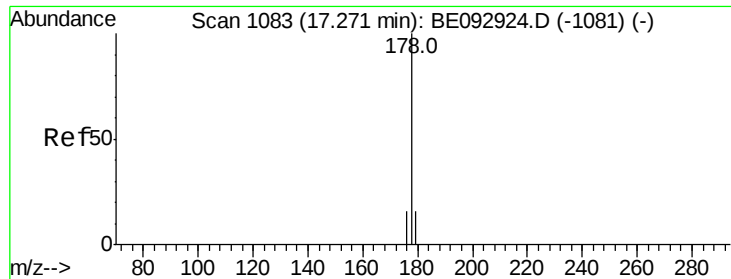
Tot Ion:266 Resp: 297
 Ion Ratio Lower Upper
 266 100
 264 85.1 75.4 113.2
 268 70.2 75.4 113.2#



#22
 Phenanthrene
 Concen: 0.42 ng
 RT: 17.18 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BE092959.D
 Acq: 9 May 2017 10:56

Tgt Ion:178 Resp: 4923
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.2 21.4
 179 15.7 13.6 20.4





#23

Anthracene

Concen: 0.44 ng

RT: 17.27 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BE092959.D

Acq: 9 May 2017 10:56

Instrument :

BNA_E

ClientSampleId :

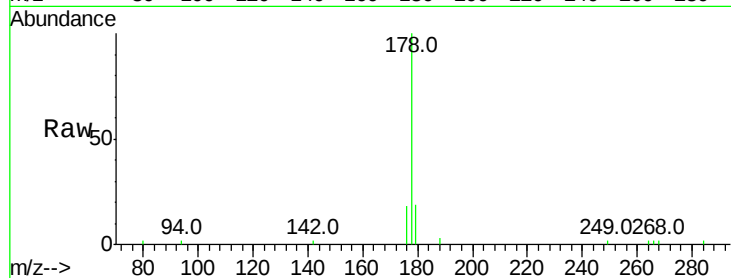
Tot Ion:178 Resp: 3888

Ion Ratio Lower Upper

178 100

176 17.8 14.7 22.1

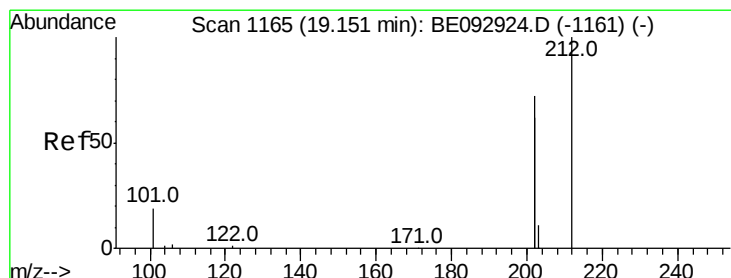
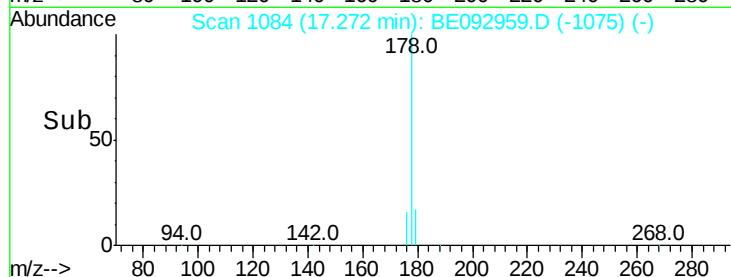
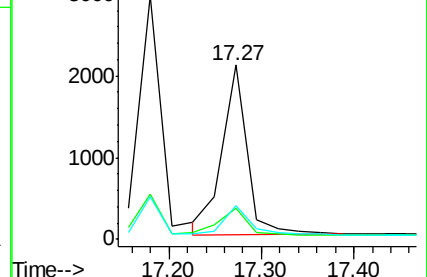
179 19.0 12.8 19.2



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



#24

Fluoranthene-d10

Concen: 0.43 ng

RT: 19.15 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BE092959.D

Acq: 9 May 2017 10:56

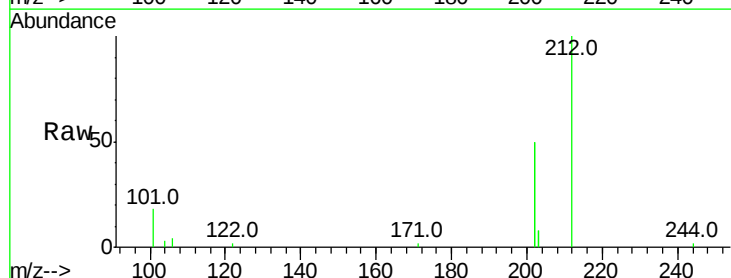
Tgt Ion:212 Resp: 4092

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

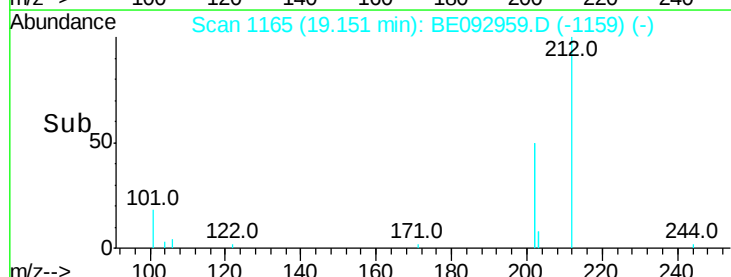
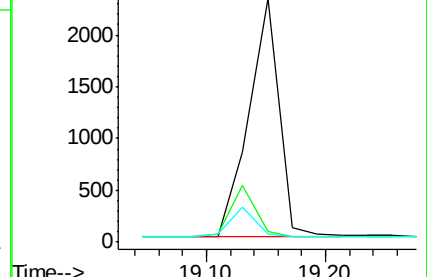
104 0.0 0.0 0.0

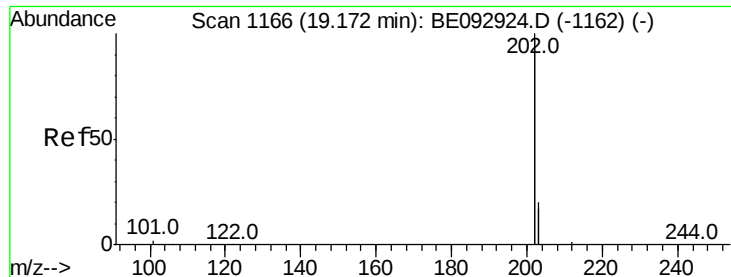


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.43 ng

RT: 19.17 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BE092959.D

Acq: 9 May 2017 10:56

Instrument :

BNA_E

ClientSampleId :

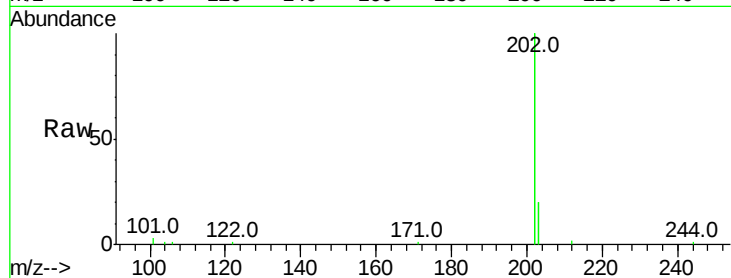
Tot Ion:202 Resp: 21582

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

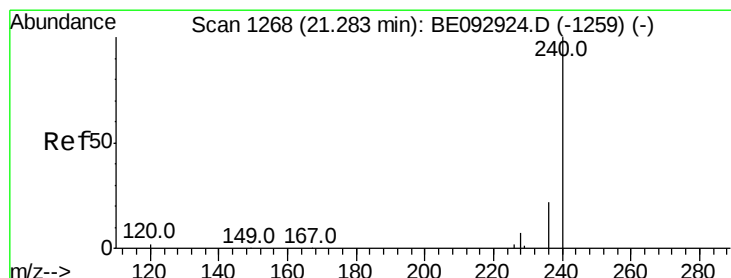
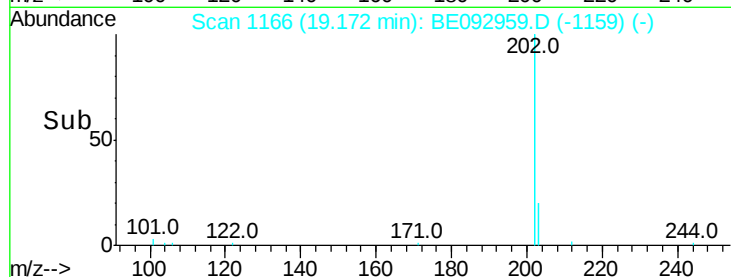
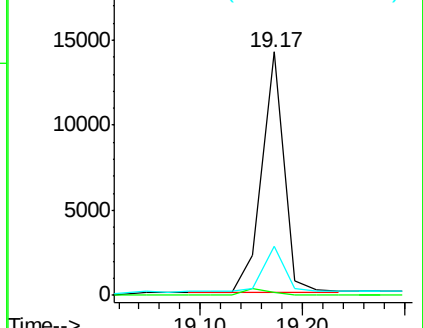
203 17.8 15.3 22.9



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



#26

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BE092959.D

Acq: 9 May 2017 10:56

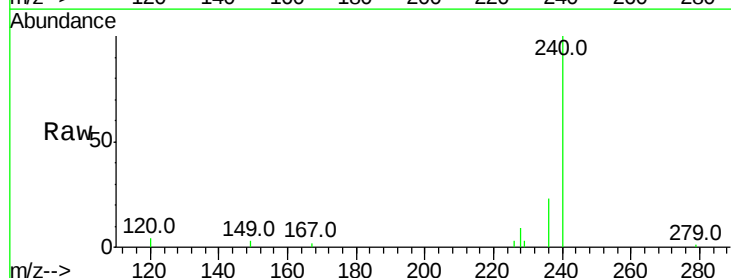
Tgt Ion:240 Resp: 6555

Ion Ratio Lower Upper

240 100

120 3.7 4.6 6.8#

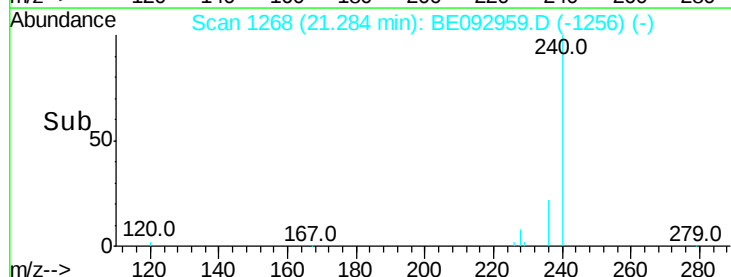
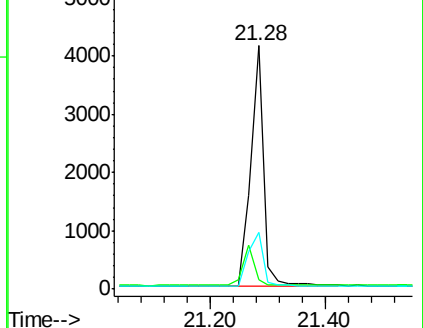
236 23.2 19.8 29.8

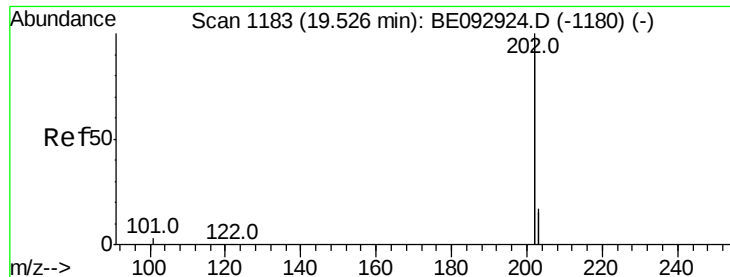


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

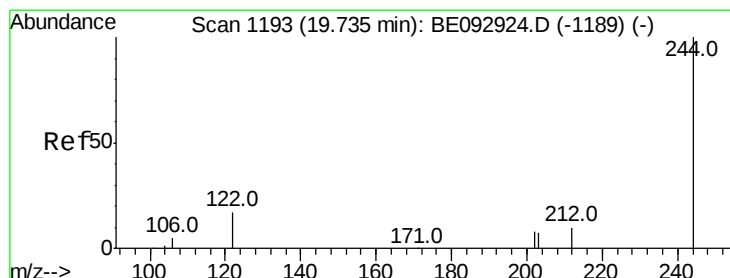
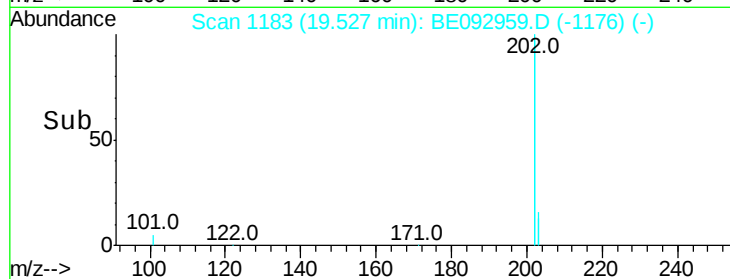
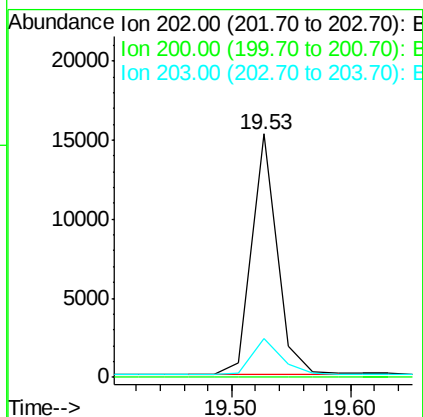
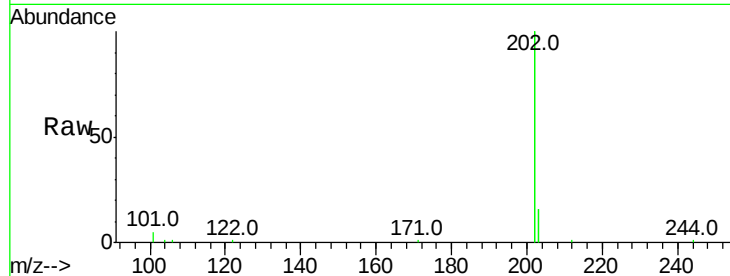




#27
Pvrene
Concen: 0.27 ng
RT: 19.53 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE092959.D
Acq: 9 May 2017 10:56

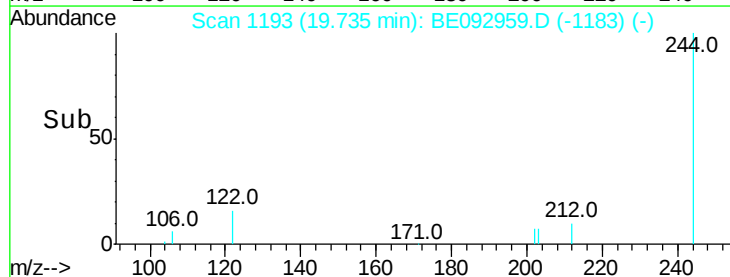
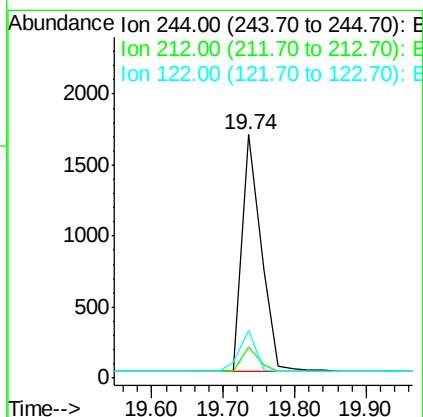
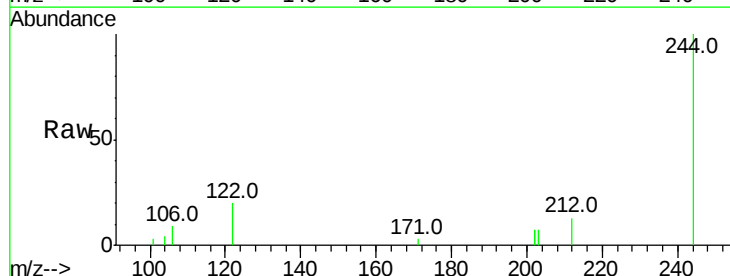
Instrument :
BNA_E
ClientSampleId :

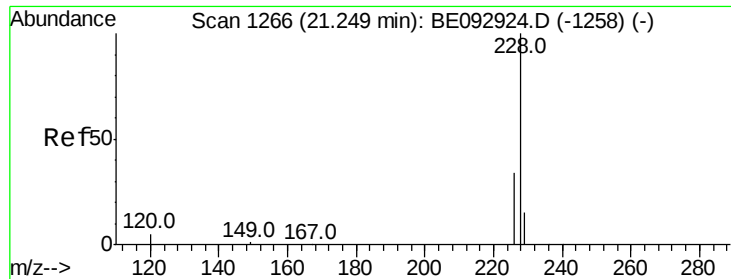
Tot Ion:202 Resp: 22487
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 16.5 13.5 20.3



#28
Terphenyl-d14
Concen: 0.27 ng
RT: 19.74 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE092959.D
Acq: 9 May 2017 10:56

Tgt Ion:244 Resp: 3115
Ion Ratio Lower Upper
244 100
212 12.7 18.4 27.6#
122 19.8 23.3 34.9#





#29

Benzo(a)anthracene

Concen: 0.45 ng

RT: 21.27 min Scan# 1267

Delta R.T. 0.02 min

Lab File: BE092959.D

Acq: 9 May 2017 10:56

Instrument :

BNA_E

ClientSampleId :

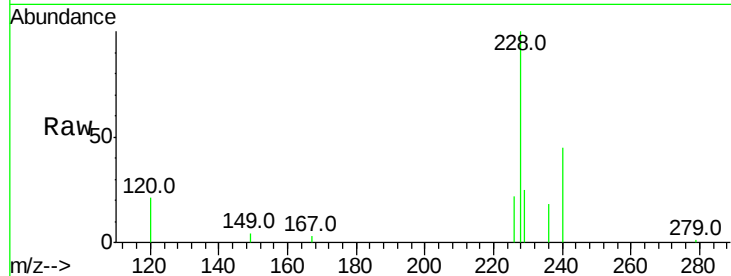
Tot Ion:228 Resp: 6976

Ion Ratio Lower Upper

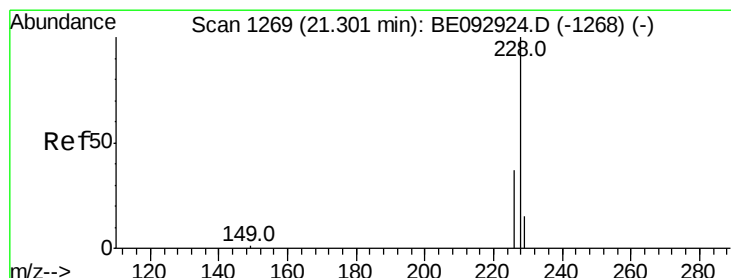
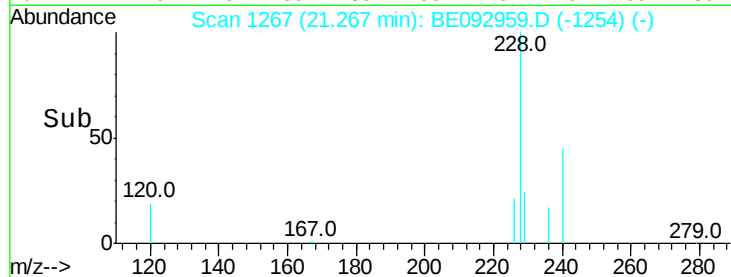
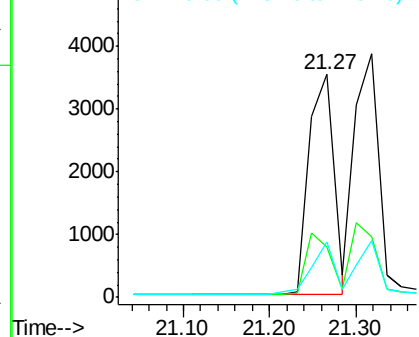
228 100

226 22.5 32.0 48.0#

229 24.8 21.4 32.0



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



#30

Chrysene

Concen: 0.39 ng

RT: 21.32 min Scan# 1270

Delta R.T. 0.02 min

Lab File: BE092959.D

Acq: 9 May 2017 10:56

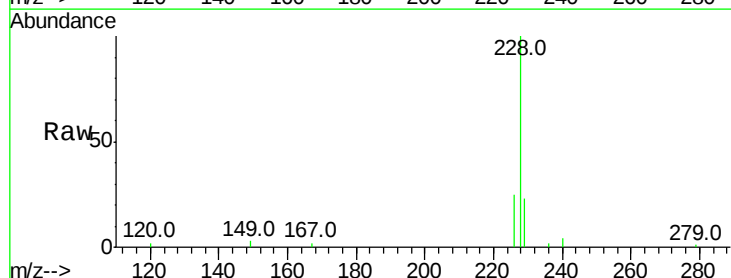
Tgt Ion:228 Resp: 7550

Ion Ratio Lower Upper

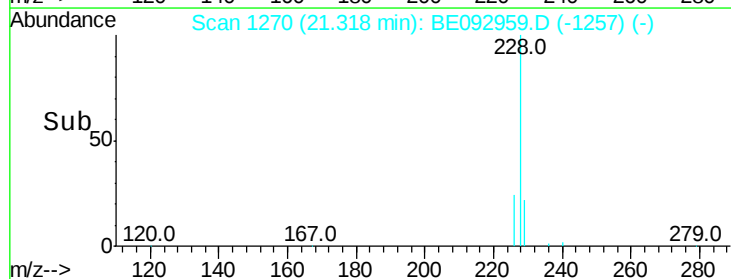
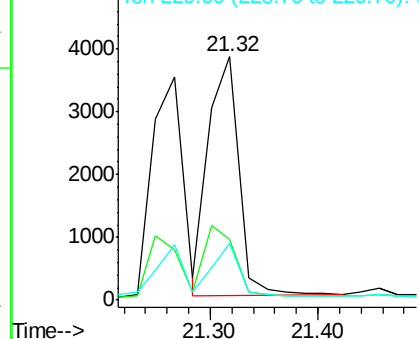
228 100

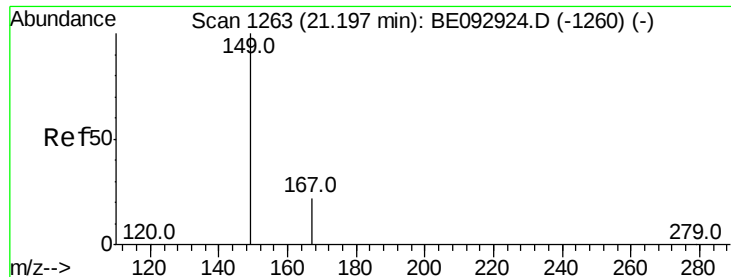
226 24.7 34.2 51.2#

229 23.4 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

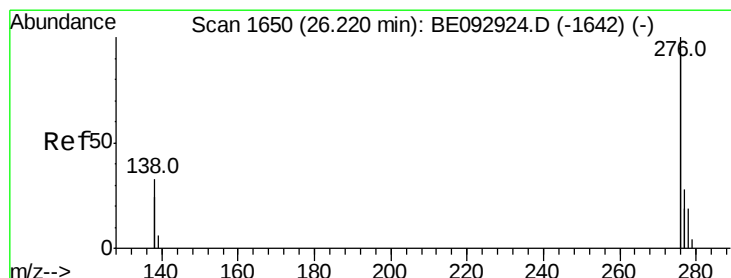
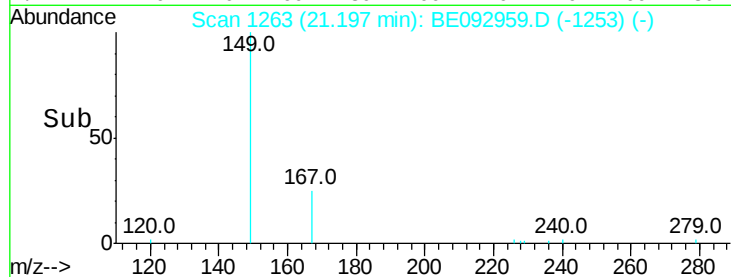
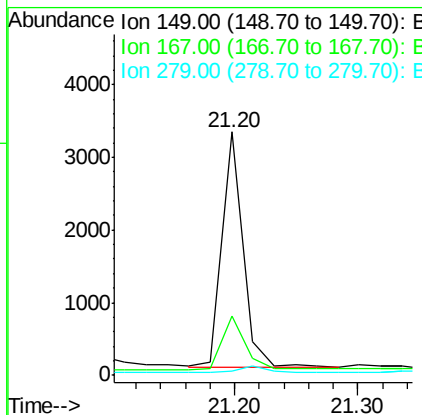
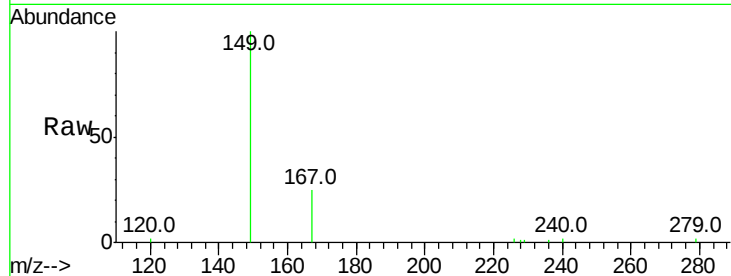




#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.91 ng
 RT: 21.20 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BE092959.D
 Acq: 9 May 2017 10:56

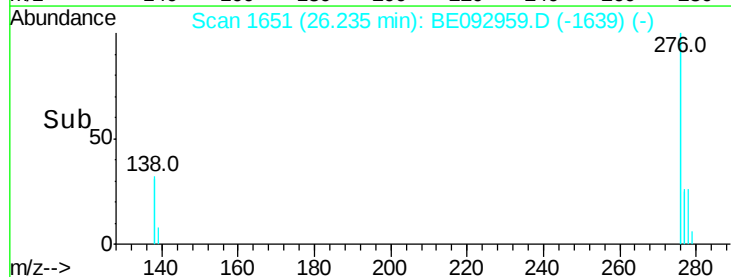
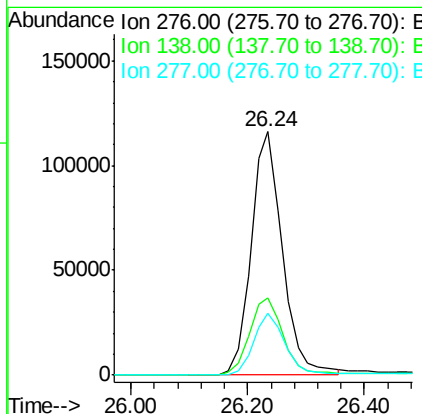
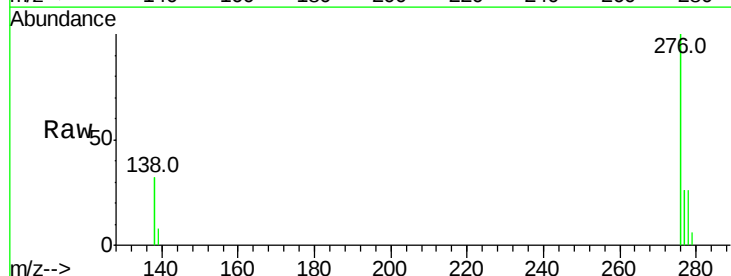
Instrument :
 BNA_E
 ClientSampleId :

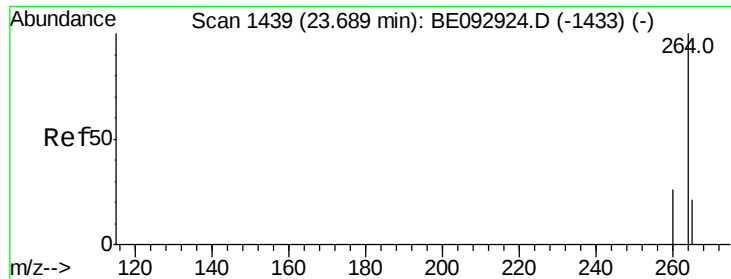
Tot Ion:149 Resp: 3832
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.9 31.3
 279 2.3 0.0 0.0#



#32
 Indeno(1,2,3-cd)pyrene
 Concen: 6.09 ng
 RT: 26.24 min Scan# 1651
 Delta R.T. 0.02 min
 Lab File: BE092959.D
 Acq: 9 May 2017 10:56

Tgt Ion:276 Resp: 429840
 Ion Ratio Lower Upper
 276 100
 138 33.7 25.8 38.6
 277 25.3 20.2 30.4

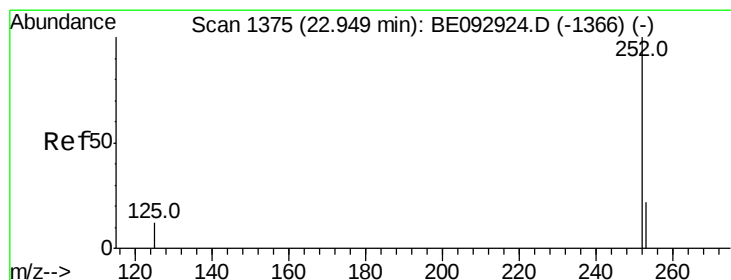
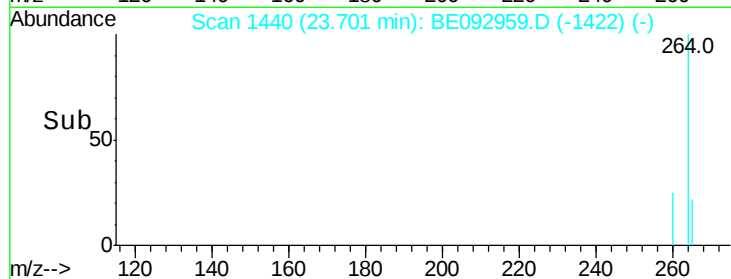
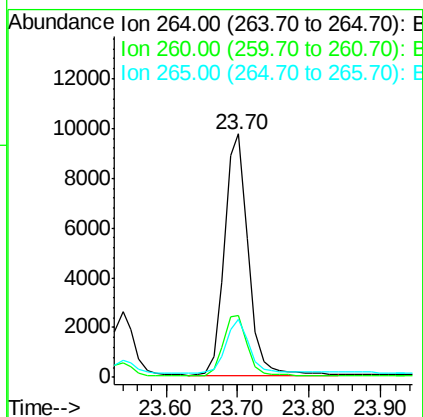
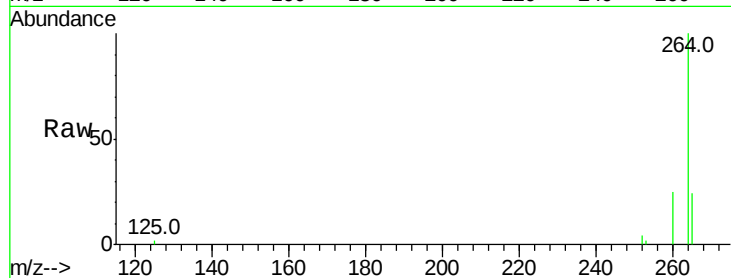




#33
Pervlene-d12
Concen: 0.40 ng
RT: 23.70 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BE092959.D
Acq: 9 May 2017 10:56

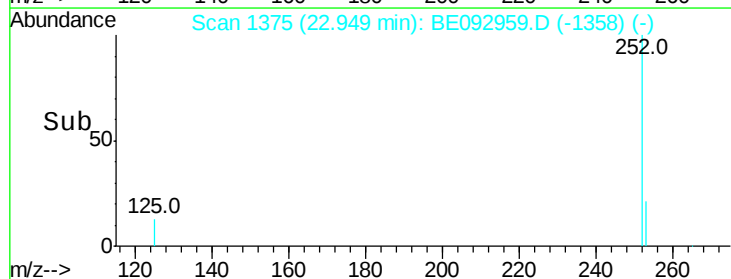
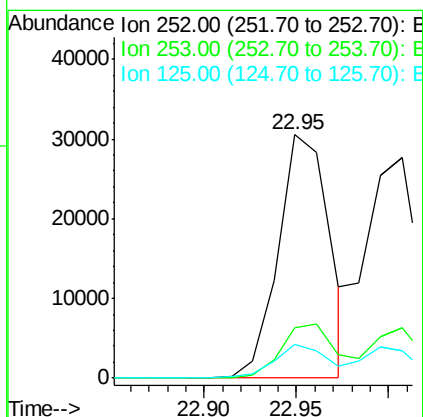
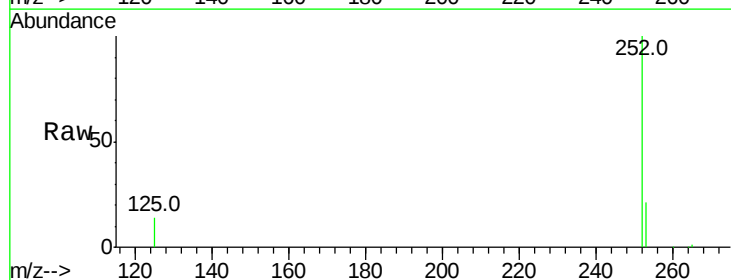
Instrument :
BNA_E
ClientSampleId :

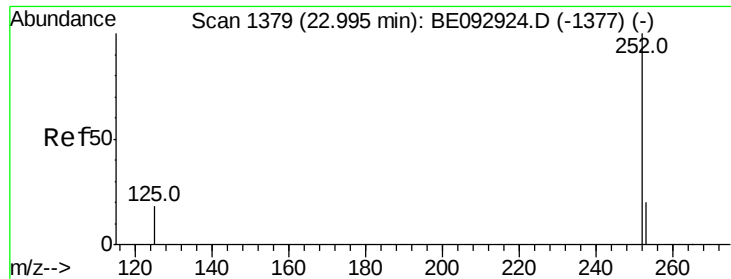
Tot Ion:264 Resp: 22092
Ion Ratio Lower Upper
264 100
260 25.2 23.5 35.3
265 23.8 27.2 40.8#



#34
Benzo(b)fluoranthene
Concen: 0.81 ng
RT: 22.95 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092959.D
Acq: 9 May 2017 10:56

Tgt Ion:252 Resp: 58653
Ion Ratio Lower Upper
252 100
253 20.8 24.7 37.1#
125 13.8 20.3 30.5#

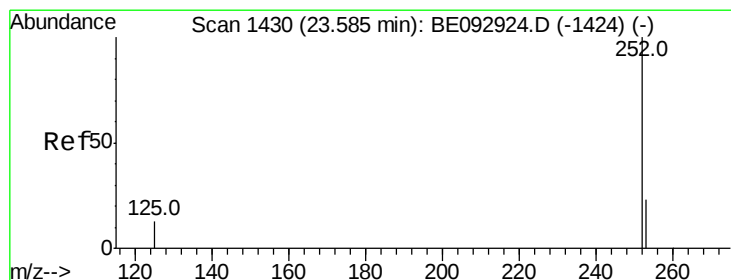
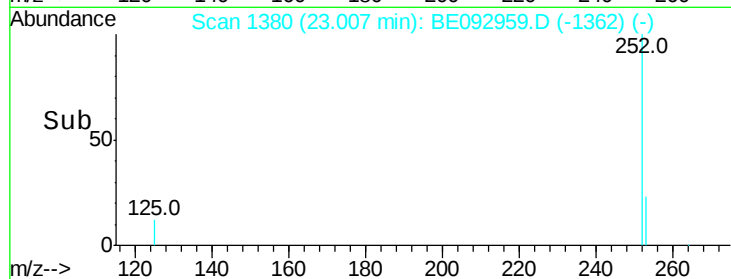
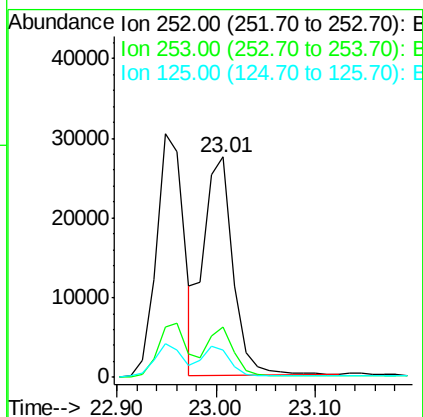
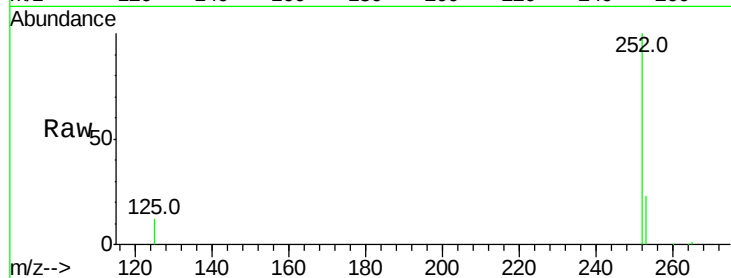




#35
Benzo(k)fluoranthene
Concen: 0.78 ng
RT: 23.01 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BE092959.D
Acq: 9 May 2017 10:56

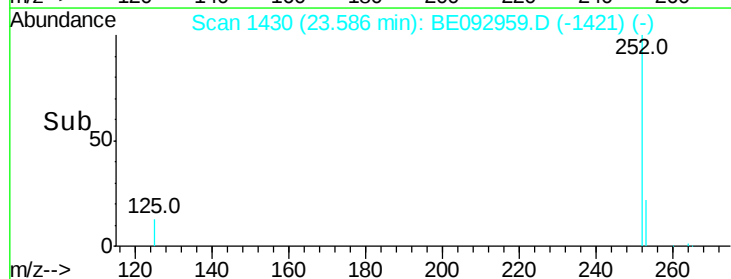
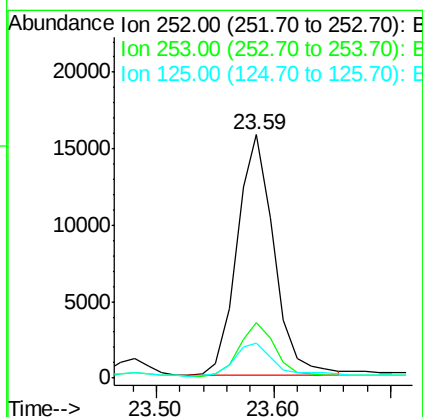
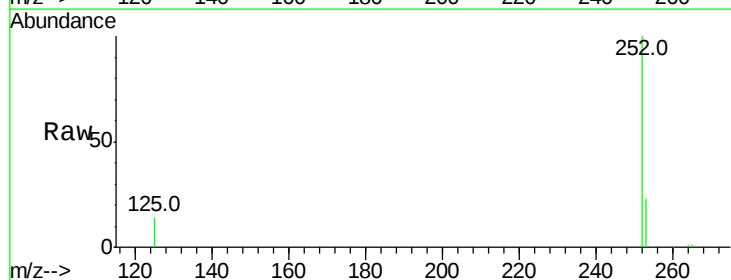
Instrument :
BNA_E
ClientSampleId :

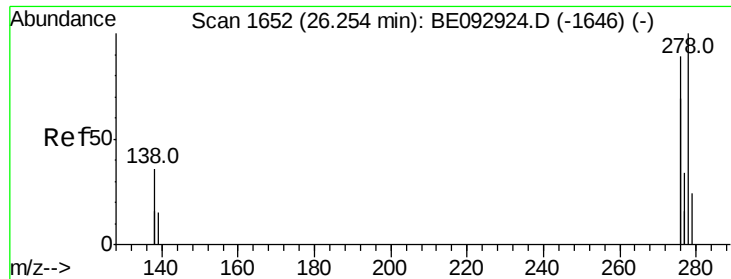
Tot Ion:252 Resp: 56122
Ion Ratio Lower Upper
252 100
253 23.1 25.8 38.8#
125 12.3 22.9 34.3#



#36
Benzo(a)pyrene
Concen: 0.58 ng
RT: 23.59 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BE092959.D
Acq: 9 May 2017 10:56

Tgt Ion:252 Resp: 34233
Ion Ratio Lower Upper
252 100
253 22.6 31.3 46.9#
125 14.4 26.4 39.6#

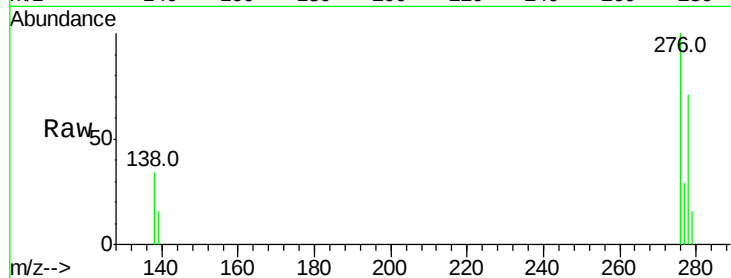




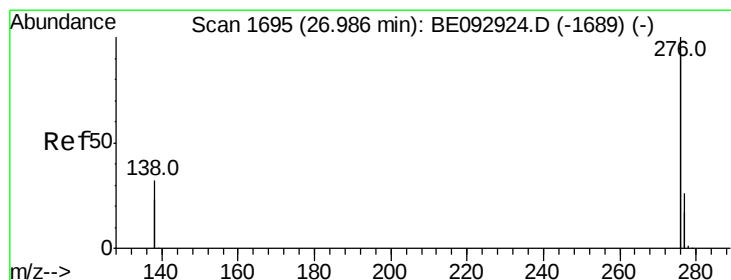
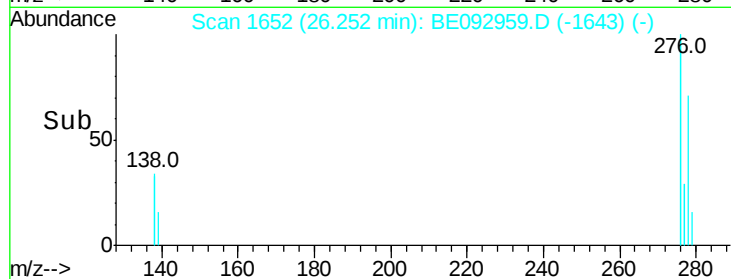
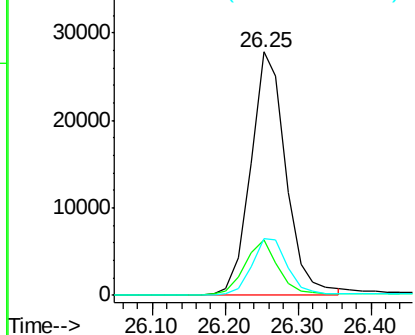
#37
Dibenzo(a,h)anthracene
Concen: 1.40 ng
RT: 26.25 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE092959.D
Acq: 9 May 2017 10:56

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 93152
Ion Ratio Lower Upper
278 100
139 22.5 27.4 41.2#
279 23.1 33.3 49.9#

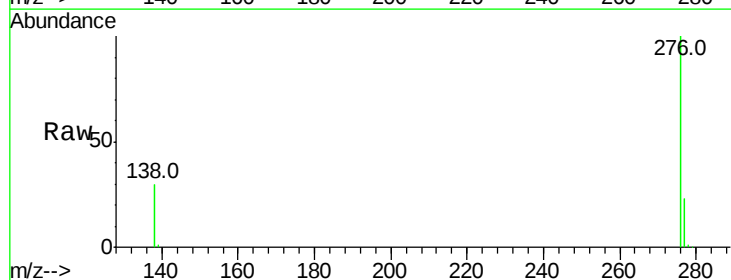


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#38
Benzo(g,h,i)perylene
Concen: 1.29 ng
RT: 27.00 min Scan# 1696
Delta R.T. 0.02 min
Lab File: BE092959.D
Acq: 9 May 2017 10:56

Tgt Ion:276 Resp: 365574
Ion Ratio Lower Upper
276 100
277 23.1 29.9 44.9#
138 29.8 34.6 51.8#



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

