

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
 Data File : BE095973.D
 Acq On : 11 Apr 2018 16:34
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 11 17:09:40 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 15:27:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1361	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	5328	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2951	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	6881	0.40	ng	-0.01
27) Chrysene-d12	21.78	240	7707	0.40	ng	0.00
34) Perylene-d12	24.39	264	7100	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.88	112	13440	3.00	ng	0.00
5) Phenol-d6	7.53	99	19071	3.09	ng	0.00
8) Nitrobenzene-d5	9.57	82	20210	3.21	ng	0.00
11) 2-Methylnaphthalene-d10	12.76	152	26913	3.03	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	5026	2.95	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	39900	3.21	ng	0.00
25) Fluoranthene-d10	19.66	212	297396	2.91	ng	0.00
29) Terphenyl-d14	20.22	244	53865	3.29	ng	0.00

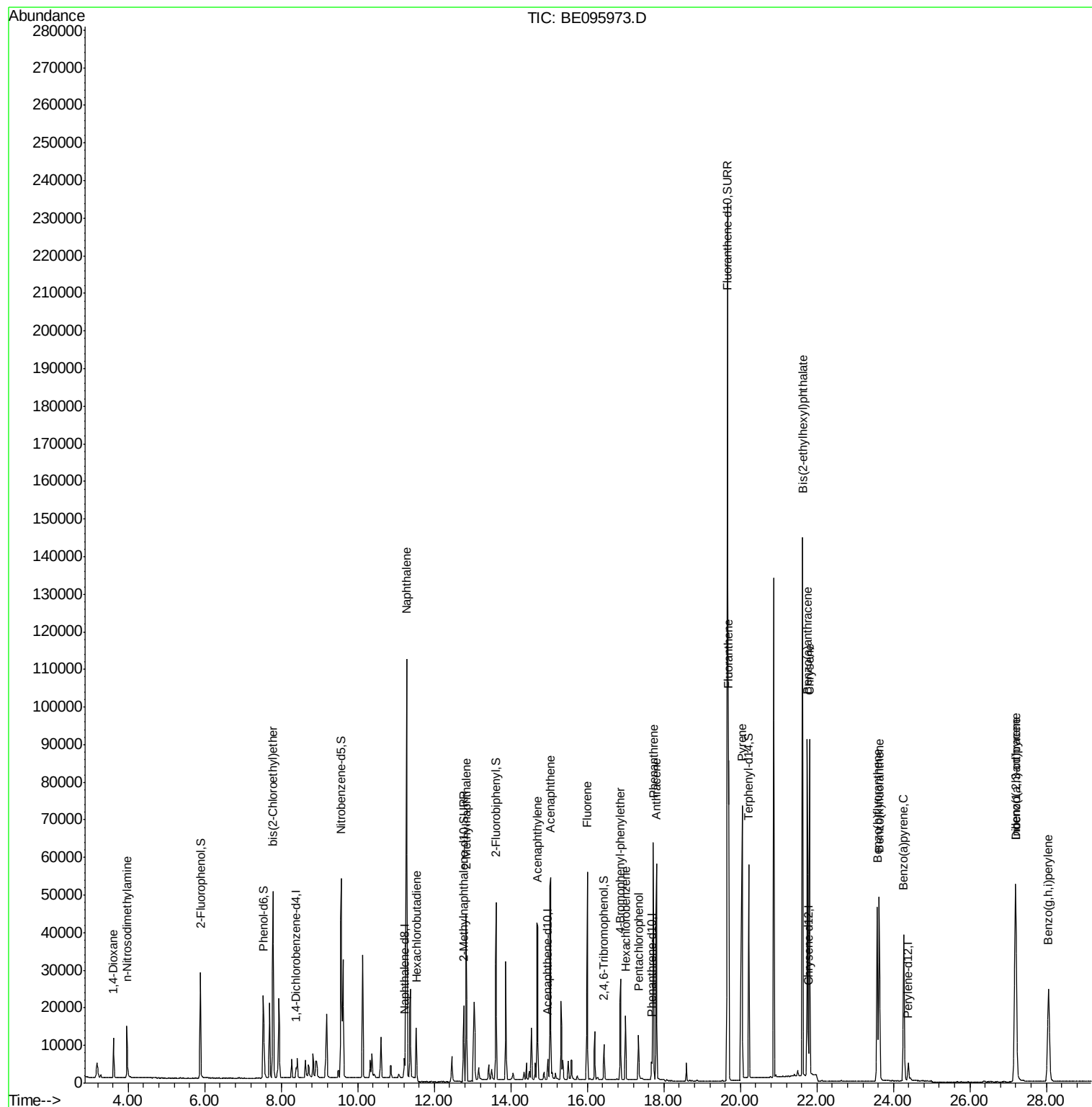
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.61	88	6571	2.949	ng	# 87
3) n-Nitrosodimethylamine	3.97	42	8868	2.711	ng	# 84
6) bis(2-Chloroethyl)ether	7.78	93	16342	3.071	ng	96
9) Naphthalene	11.27	128	173341	2.848	ng	99
10) Hexachlorobutadiene	11.53	225	7677	1.837	ng	96
12) 2-Methylnaphthalene	12.83	142	29536	2.842	ng	95
16) Acenaphthylene	14.70	152	51097	3.028	ng	100
17) Acenaphthene	15.04	154	31018	3.013	ng	99
18) Fluorene	15.99	166	37193	2.747	ng	# 78
20) 4-Bromophenyl-phenylether	16.87	248	13137	3.176	ng	# 83
21) Hexachlorobenzene	17.00	284	12909	3.126	ng	# 82
22) Pentachlorophenol	17.33	266	5857	4.905	ng	# 70
23) Phenanthrene	17.72	178	61259	2.974	ng	99
24) Anthracene	17.81	178	60431	2.934	ng	95
26) Fluoranthene	19.69	202	80417	2.811	ng	98
28) Pyrene	20.05	202	51778	1.649	ng	99
30) Benzo(a)anthracene	21.75	228	77721	2.908	ng	97
31) Chrysene	21.81	228	73312	3.006	ng	99
32) Bis(2-ethylhexyl)phthalate	21.63	149	199429	2.440	ng	100
33) Indeno(1,2,3-cd)pyrene	27.19	276	73225	2.787	ng	95
35) Benzo(b)fluoranthene	23.58	252	68206	2.904	ng	# 87
36) Benzo(k)fluoranthene	23.63	252	70012	2.980	ng	98
37) Benzo(a)pyrene	24.27	252	65404	2.971	ng	# 94
38) Dibenzo(a,h)anthracene	27.20	278	59902	2.864	ng	# 94
39) Benzo(g,h,i)perylene	28.06	276	60569	2.883	ng	# 91

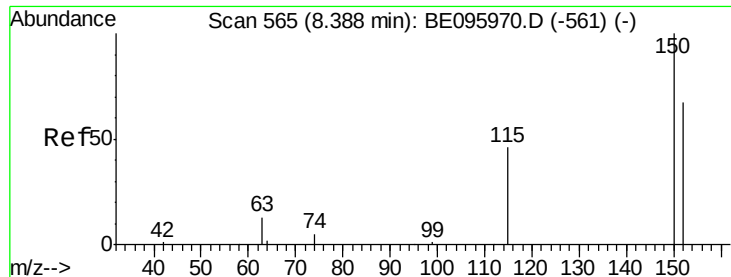
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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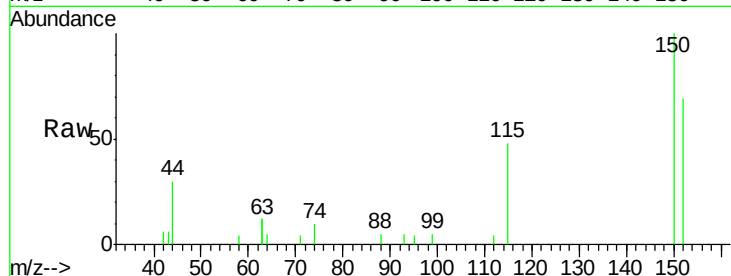


#1

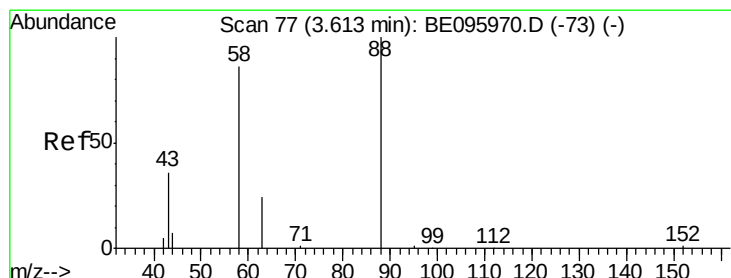
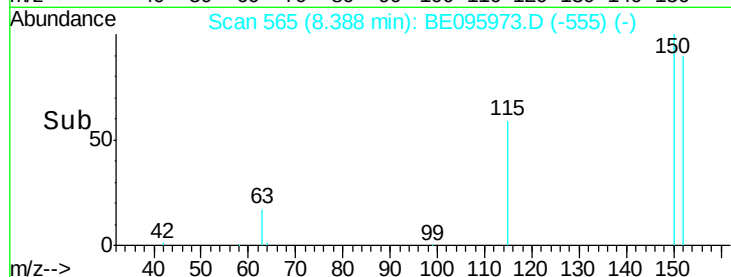
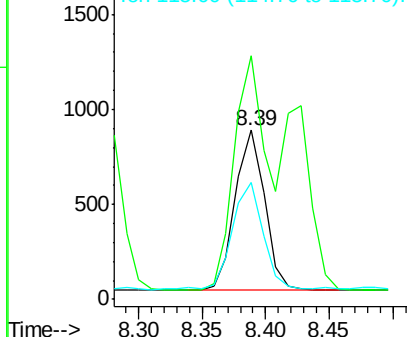
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.39 min Scan# 565
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1361
Ion Ratio Lower Upper
152 100
150 144.2 117.2 175.8
115 69.2 57.0 85.6



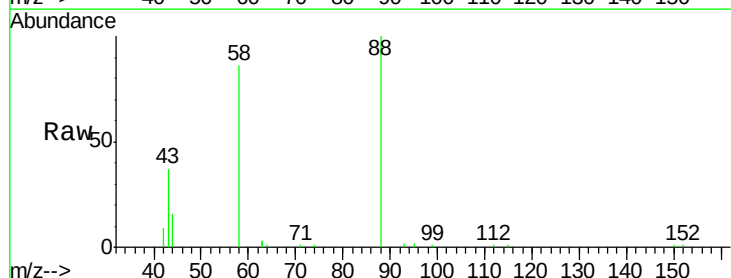
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



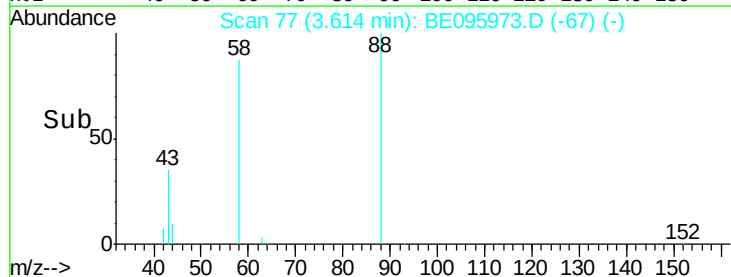
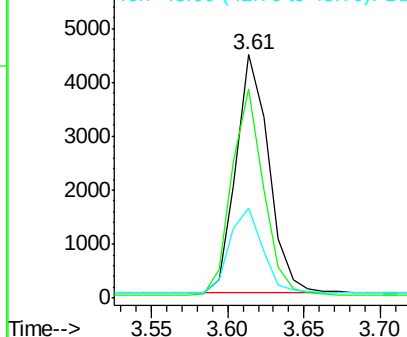
#2

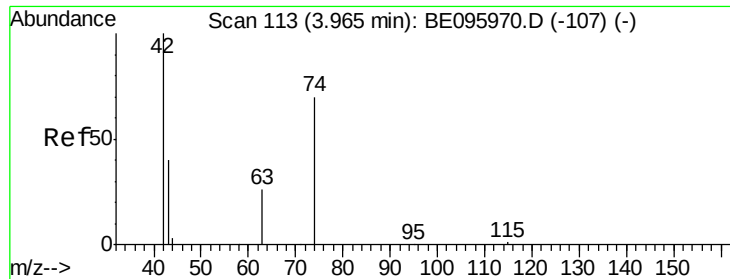
1,4-Dioxane
Concen: 2.949 ng
RT: 3.61 min Scan# 77
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion: 88 Resp: 6571
Ion Ratio Lower Upper
88 100
58 84.9 63.2 94.8
43 36.1 41.2 61.8#



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



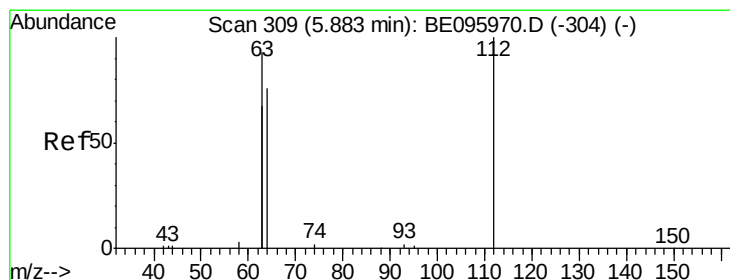
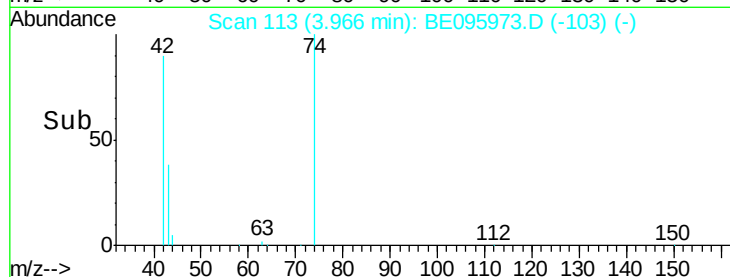
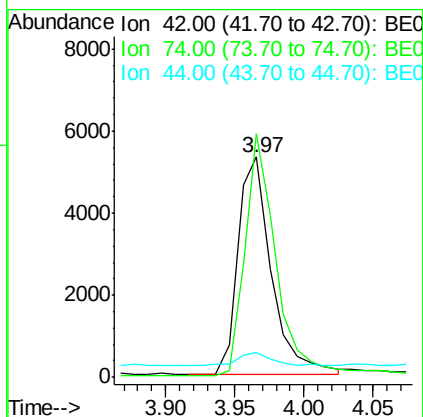
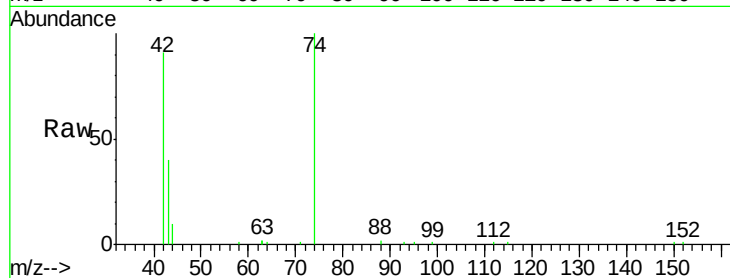


#3

n-Nitrosodimethylamine
 Concen: 2.711 ng
 RT: 3.97 min Scan# 113
 Delta R.T. 0.00 min
 Lab File: BE095973.D
 Acq: 11 Apr 2018 16:34

Instrument :
 BNA_E
 ClientSampleId :

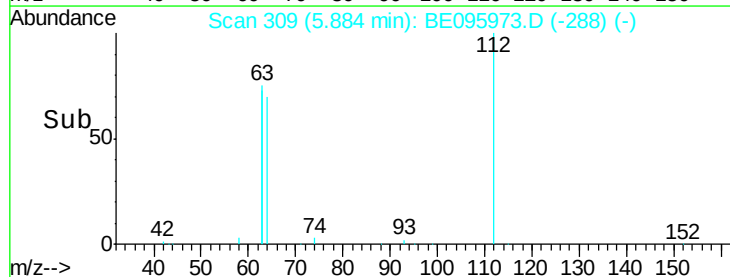
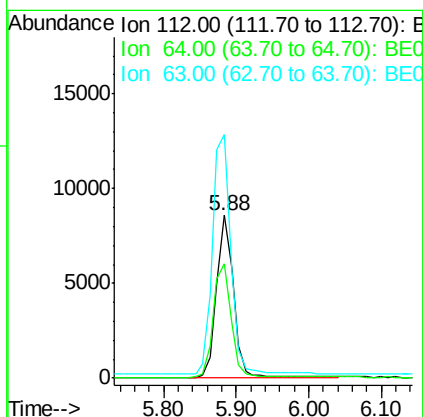
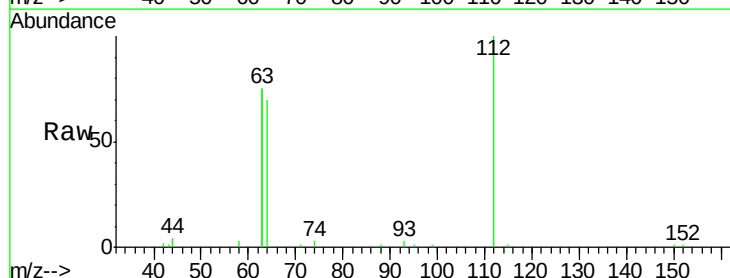
Tot Ion: 42 Resp: 8868
 Ion Ratio Lower Upper
 42 100
 74 102.2 96.0 144.0
 44 6.6 12.0 18.0#

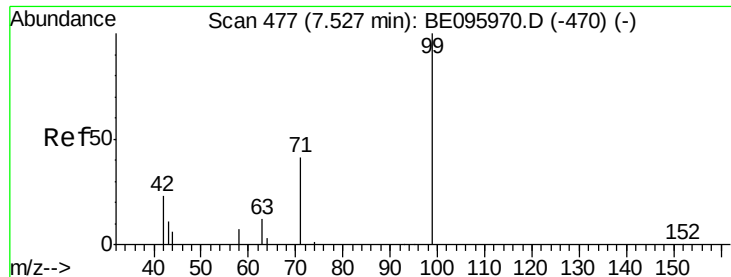


#4

2-Fluorophenol
 Concen: 2.996 ng
 RT: 5.88 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: BE095973.D
 Acq: 11 Apr 2018 16:34

Tgt Ion: 112 Resp: 13440
 Ion Ratio Lower Upper
 112 100
 64 74.7 60.1 90.1
 63 162.9 116.8 175.2





#5

Phenol-d6

Concen: 3.091 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

Instrument :

BNA_E

ClientSampleId :

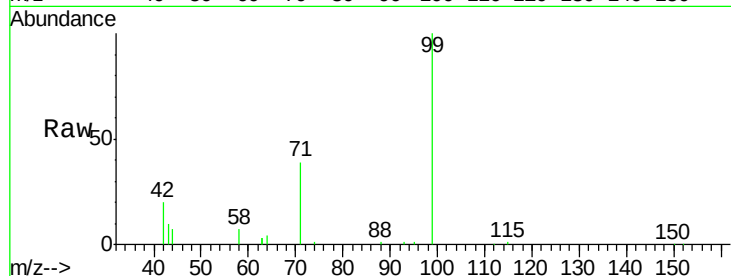
Tot Ion: 99 Resp: 19071

Ion Ratio Lower Upper

99 100

42 25.4 20.2 30.2

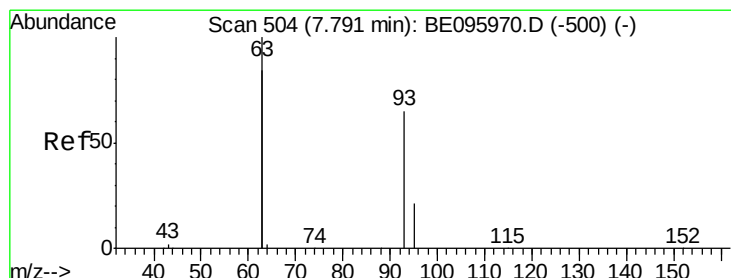
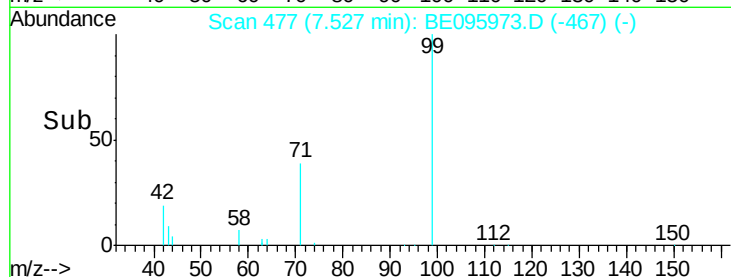
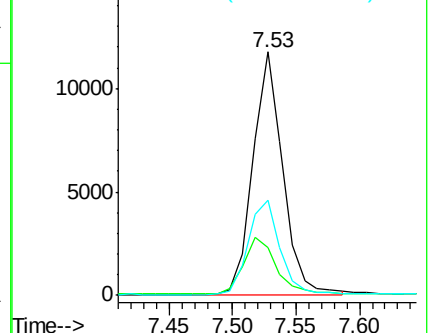
71 41.1 28.4 42.6



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: 3.071 ng

RT: 7.78 min Scan# 503

Delta R.T. -0.01 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

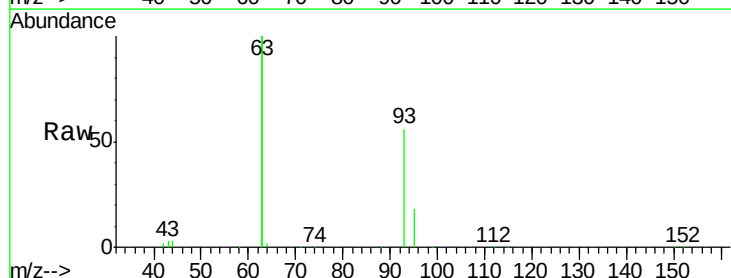
Tgt Ion: 93 Resp: 16342

Ion Ratio Lower Upper

93 100

63 335.2 275.3 412.9

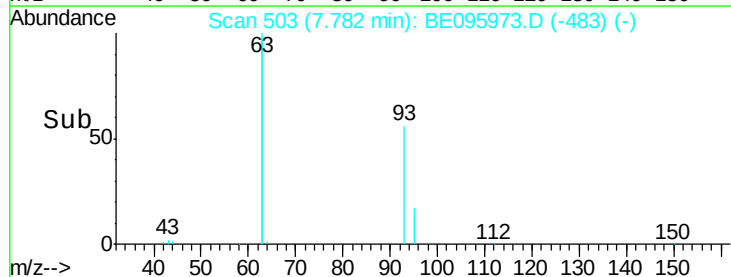
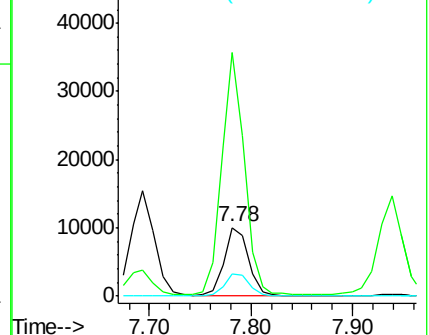
95 32.2 25.2 37.8

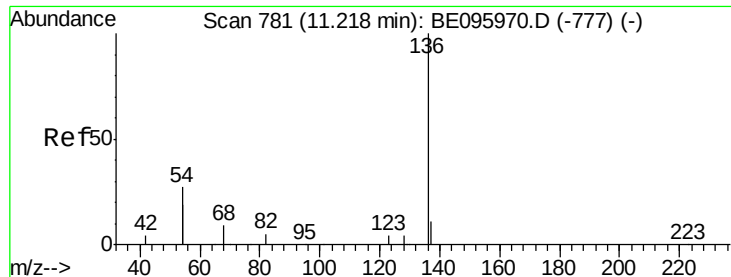


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.22 min Scan# 781

Delta R.T. 0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5328

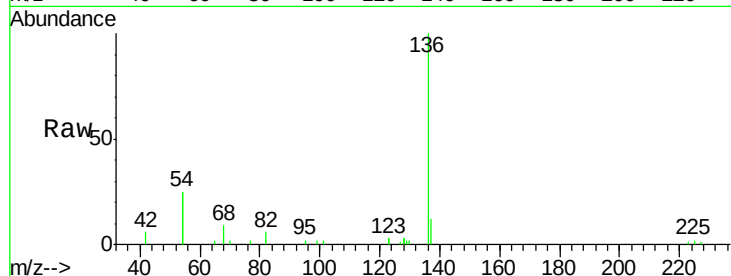
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 50.9 29.1 43.7#

68 9.3 6.2 9.2#

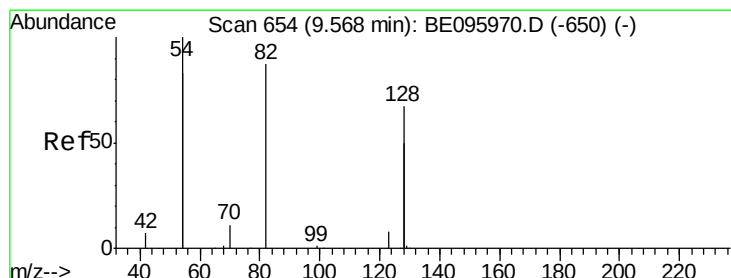
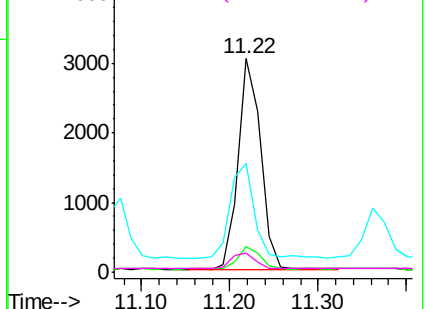
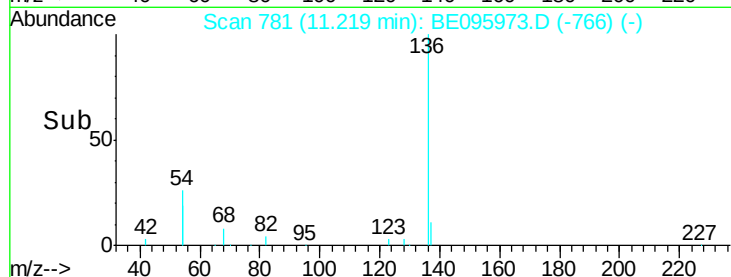


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.211 ng

RT: 9.57 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

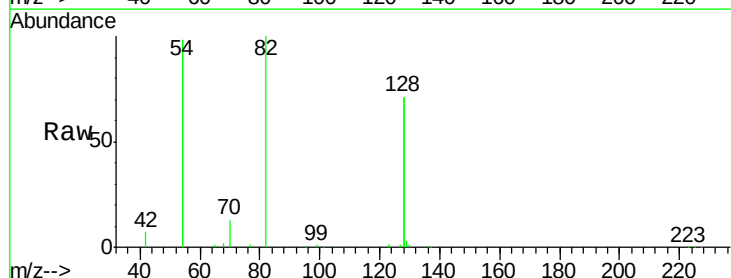
Tgt Ion: 82 Resp: 20210

Ion Ratio Lower Upper

82 100

128 141.4 150.0 225.0#

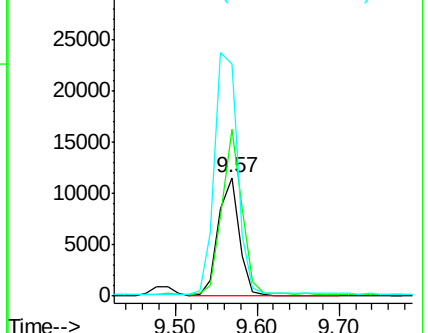
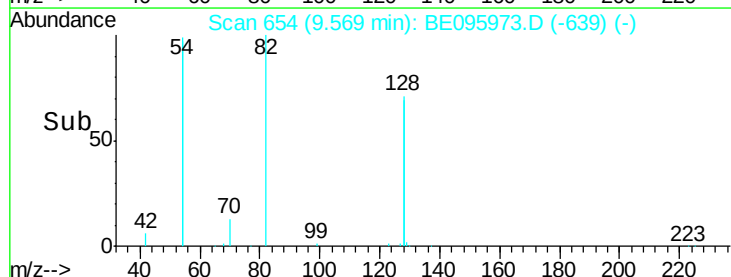
54 196.6 154.2 231.4

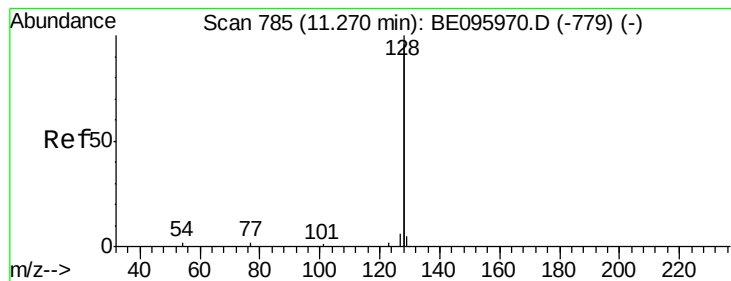


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 2.848 ng

RT: 11.27 min Scan# 785

Delta R.T. 0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

Instrument :

BNA_E

ClientSampleId :

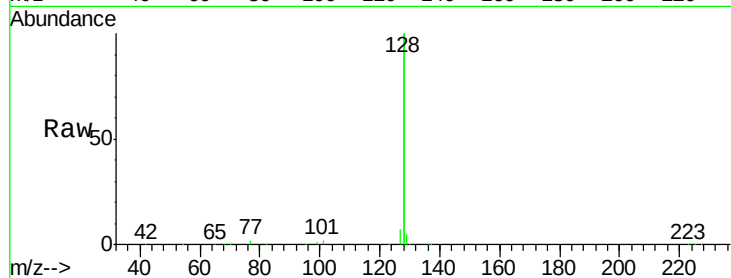
Tot Ion:128 Resp: 173341

Ion Ratio Lower Upper

128 100

129 2.7 2.6 3.8

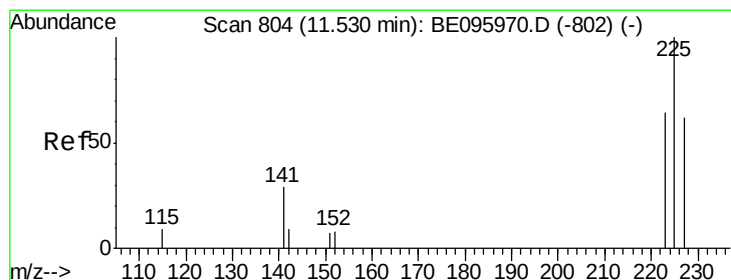
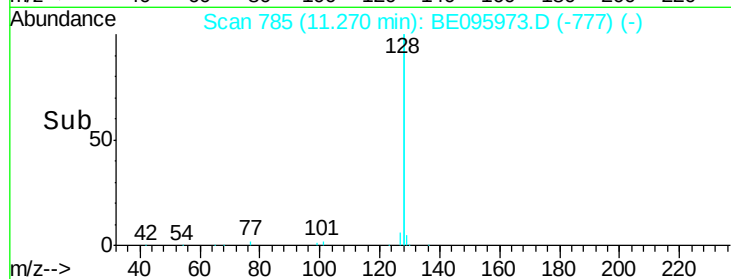
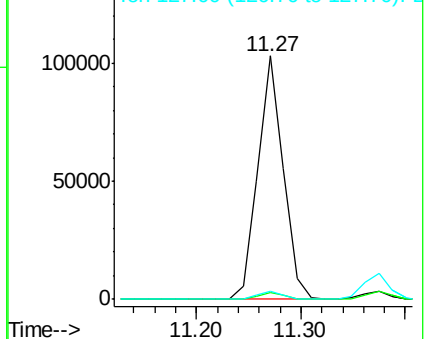
127 3.3 2.8 4.2



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: 1.837 ng

RT: 11.53 min Scan# 804

Delta R.T. 0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

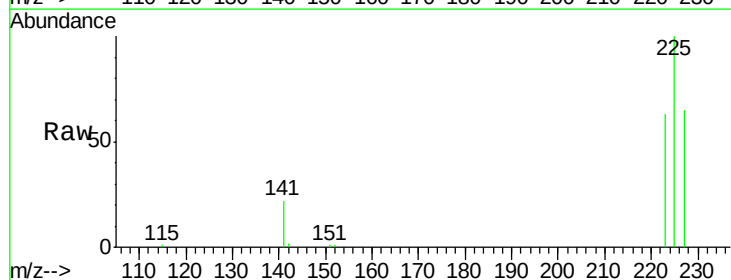
Tgt Ion:225 Resp: 7677

Ion Ratio Lower Upper

225 100

223 63.3 53.0 79.6

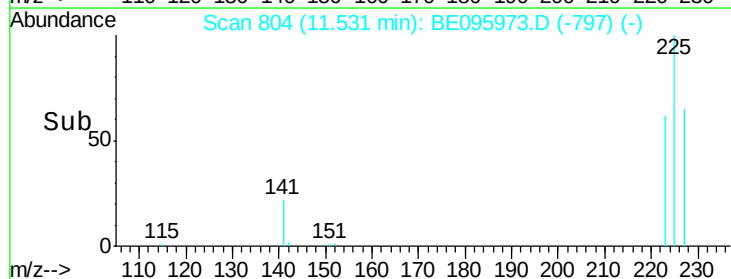
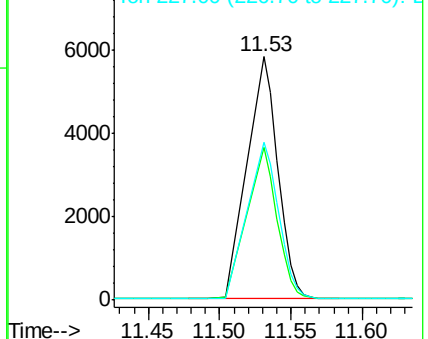
227 67.0 51.4 77.2

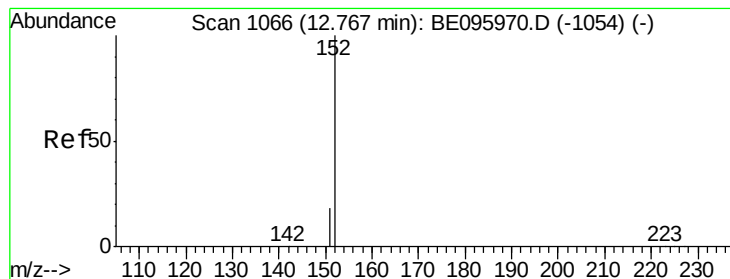


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.026 ng

RT: 12.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

Instrument :

BNA_E

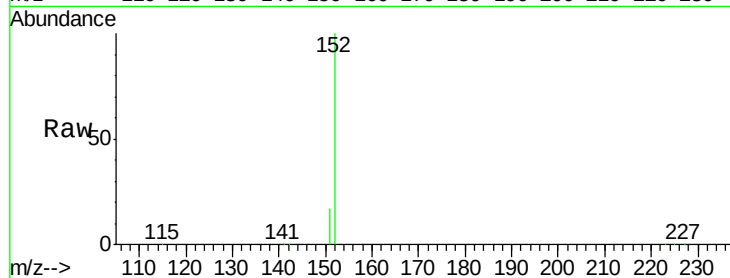
ClientSampleId :

Tot Ion:152 Resp: 26913

Ion Ratio Lower Upper

152 100

151 19.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.76

20000

15000

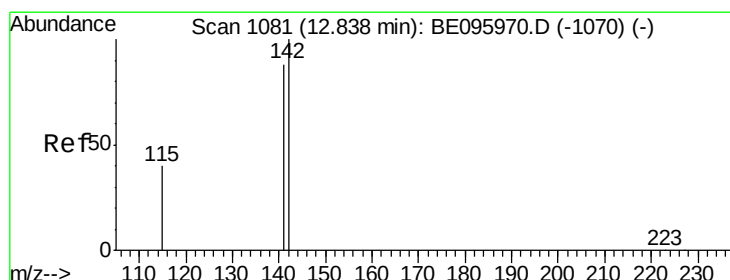
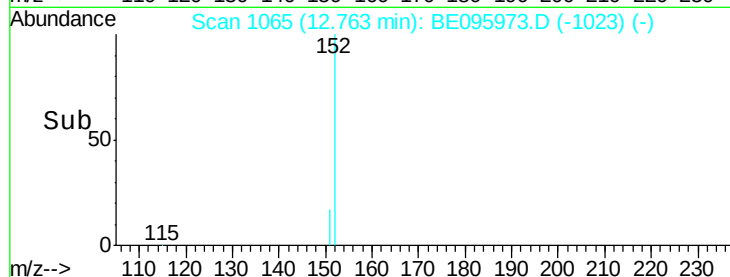
10000

5000

0

Time-->

12.70 12.80 12.90



#12

2-Methylnaphthalene

Concen: 2.842 ng

RT: 12.83 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

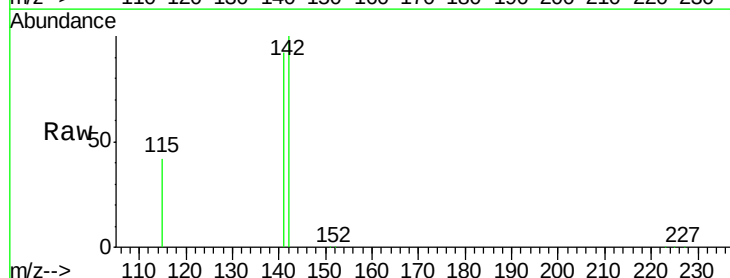
Tgt Ion:142 Resp: 29536

Ion Ratio Lower Upper

142 100

141 92.3 70.4 105.6

115 42.3 31.7 47.5



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

12.83

25000

20000

15000

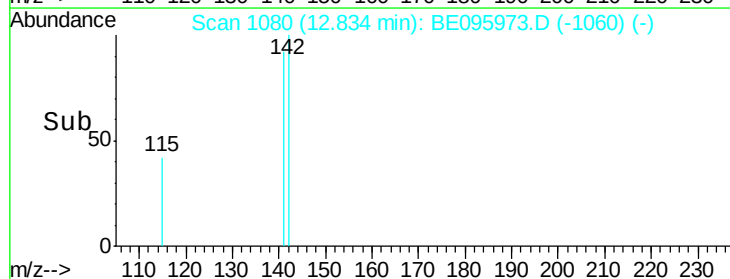
10000

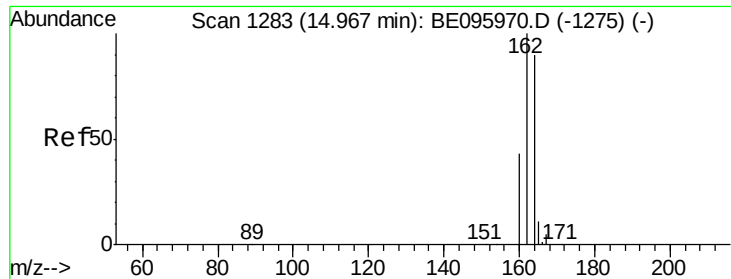
5000

0

Time-->

12.80 12.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.97 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

Instrument :

BNA_E

ClientSampleId :

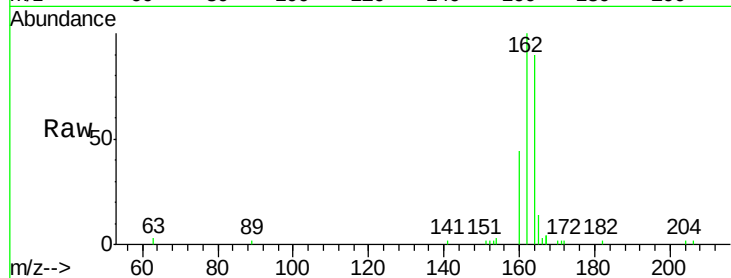
Tot Ion:164 Resp: 2951

Ion Ratio Lower Upper

164 100

162 111.3 83.1 124.7

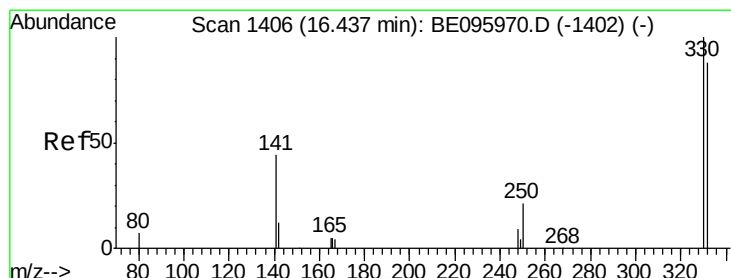
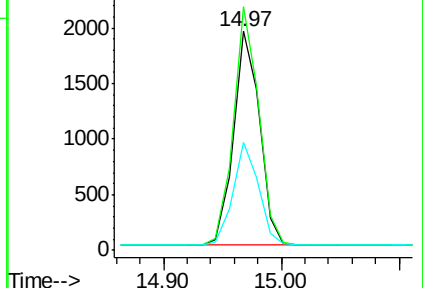
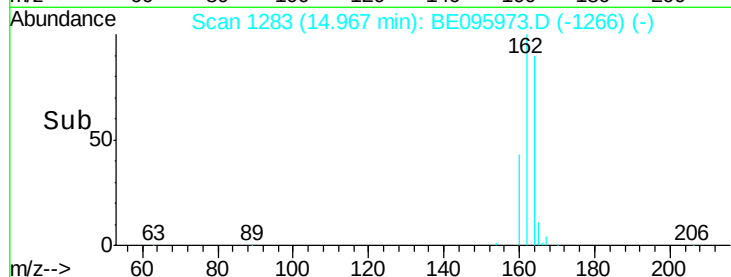
160 49.1 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 2.951 ng

RT: 16.44 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

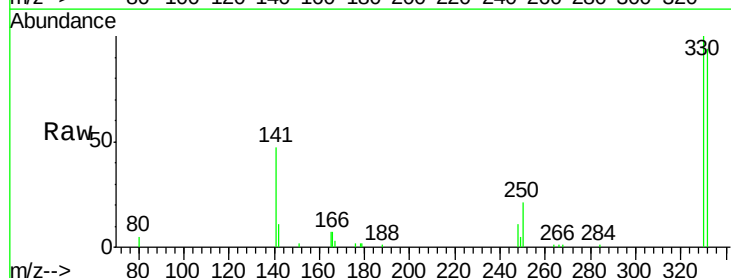
Tgt Ion:330 Resp: 5026

Ion Ratio Lower Upper

330 100

332 95.8 152.7 229.1#

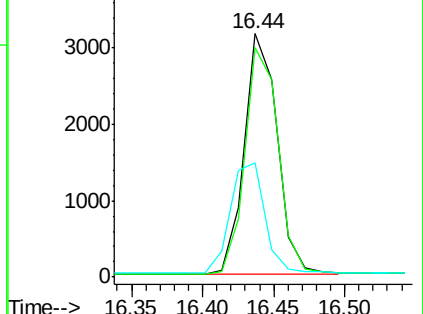
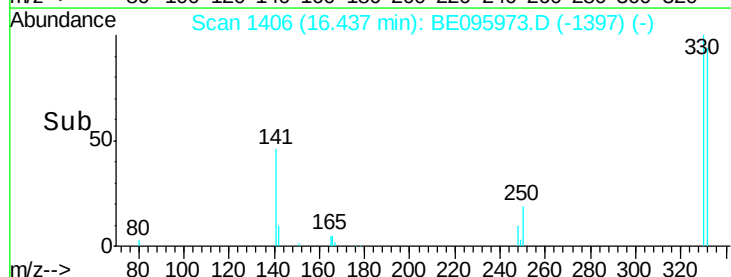
141 48.2 33.7 50.5

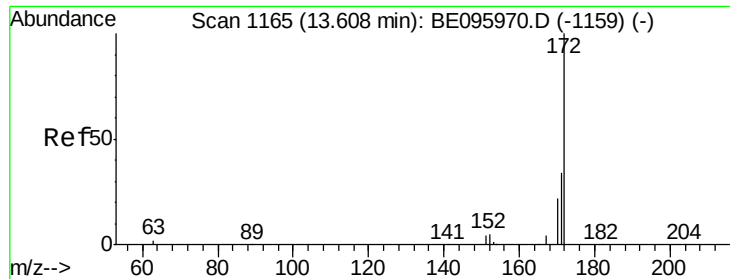


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

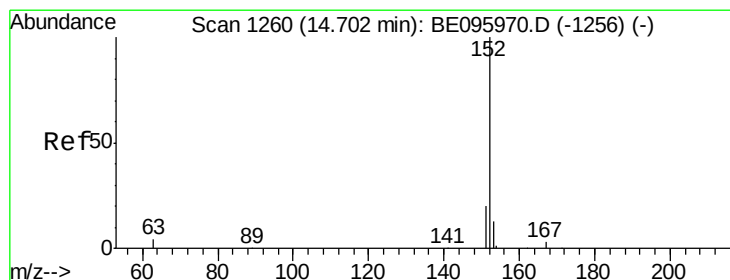
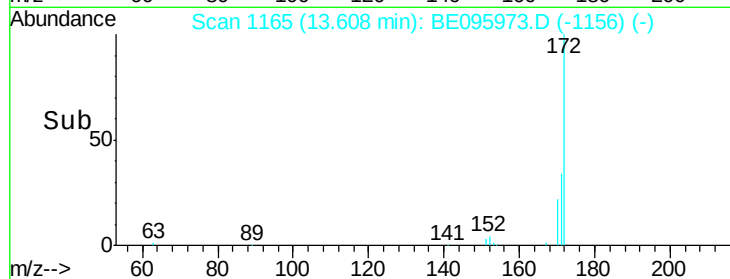
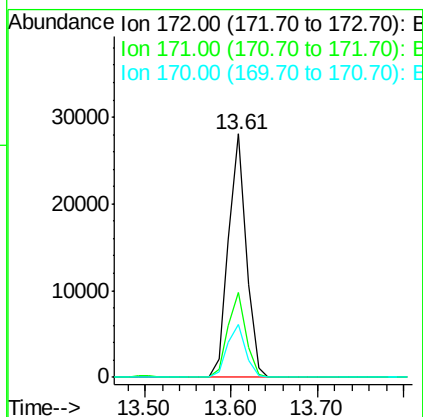
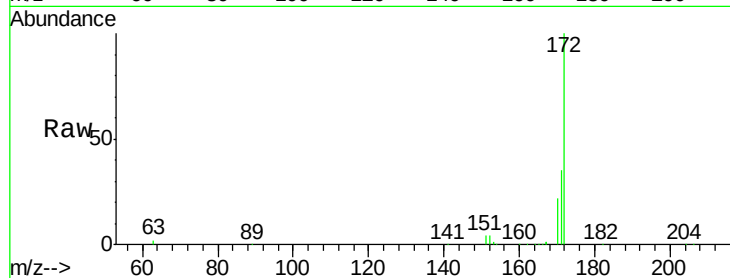




#15
2-Fluorobiphenyl
Concen: 3.208 ng
RT: 13.61 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

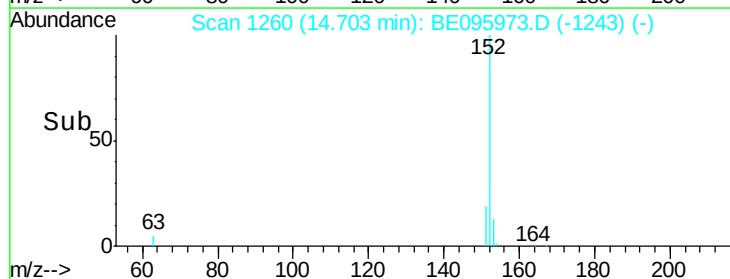
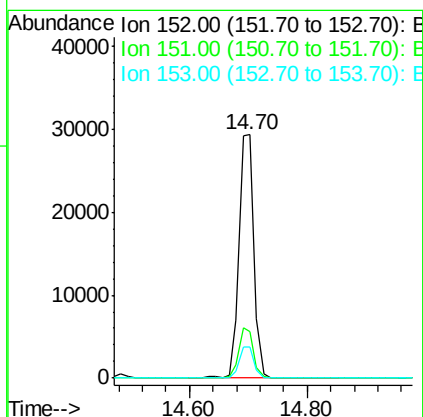
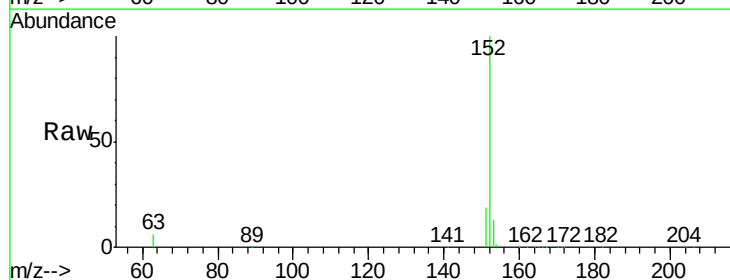
Instrument :
BNA_E
ClientSampleId :

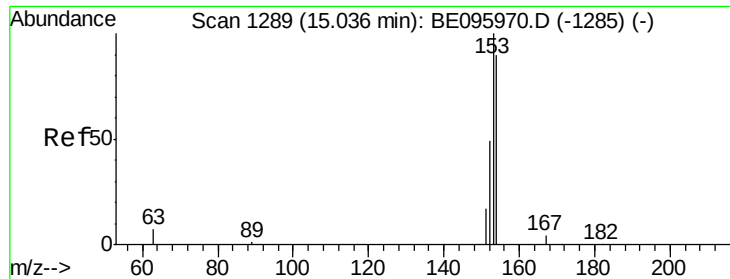
Tot Ion:172 Resp: 39900
Ion Ratio Lower Upper
172 100
171 34.8 29.9 44.9
170 21.9 21.8 32.8



#16
Acenaphthylene
Concen: 3.028 ng
RT: 14.70 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion:152 Resp: 51097
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 3.013 ng

RT: 15.04 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

Instrument :

BNA_E

ClientSampleId :

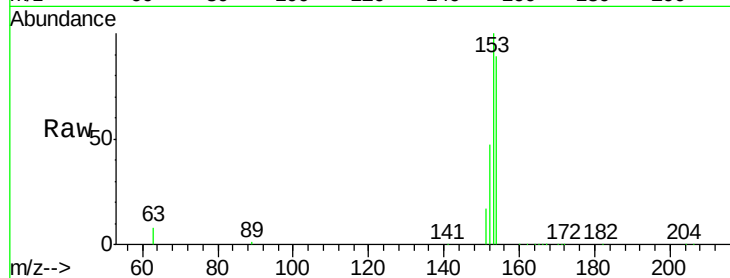
Tot Ion:154 Resp: 31018

Ion Ratio Lower Upper

154 100

153 110.9 89.2 133.8

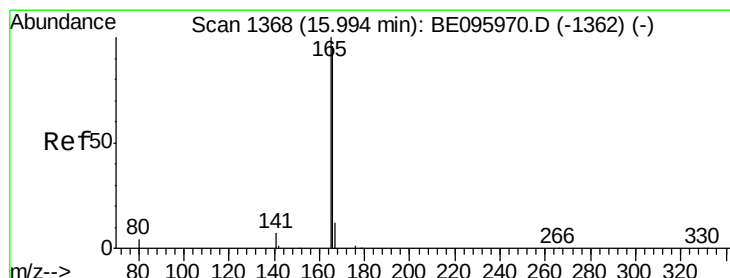
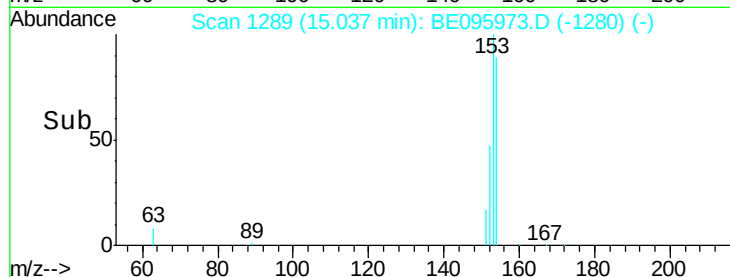
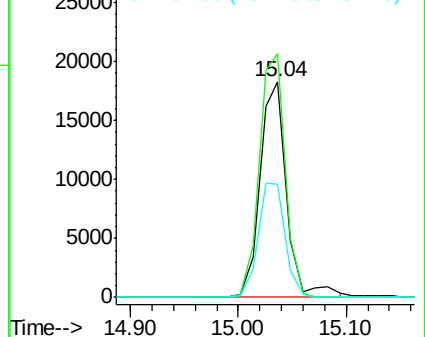
152 53.9 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 2.747 ng

RT: 15.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

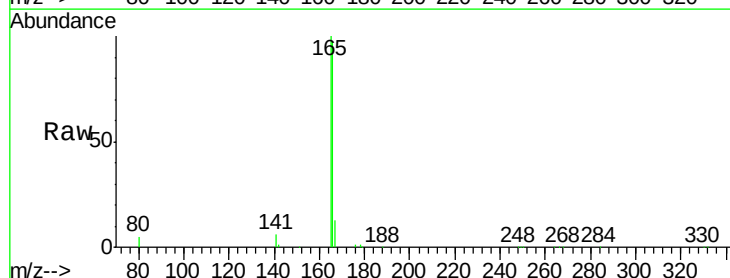
Tgt Ion:166 Resp: 37193

Ion Ratio Lower Upper

166 100

165 100.5 77.8 116.6

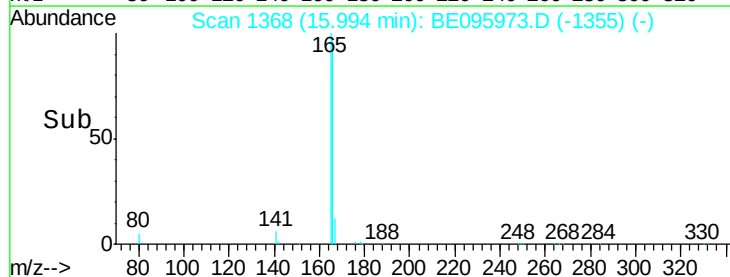
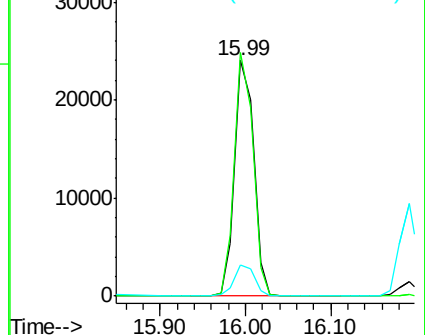
167 13.5 42.4 63.6#

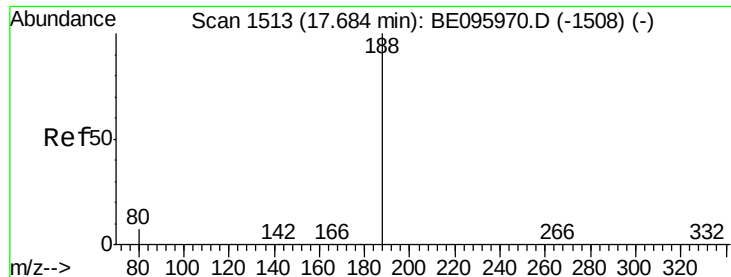


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.67 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

Instrument :

BNA_E

ClientSampled :

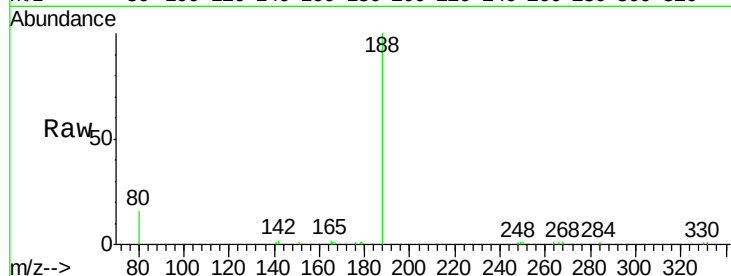
Tot Ion:188 Resp: 6881

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

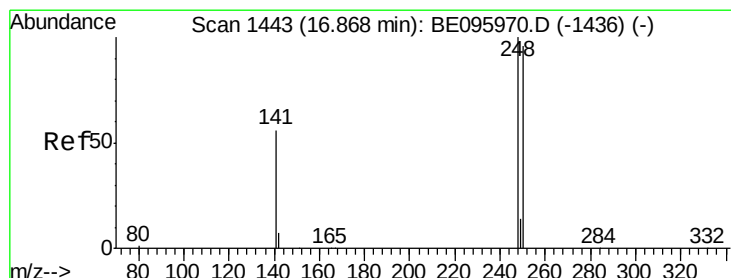
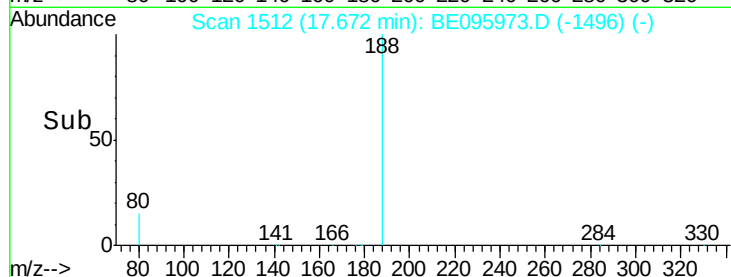
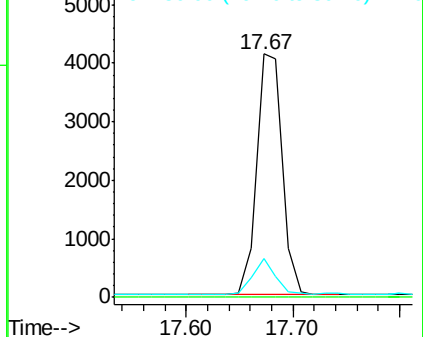
80 16.1 3.6 5.4#



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: 3.176 ng

RT: 16.87 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

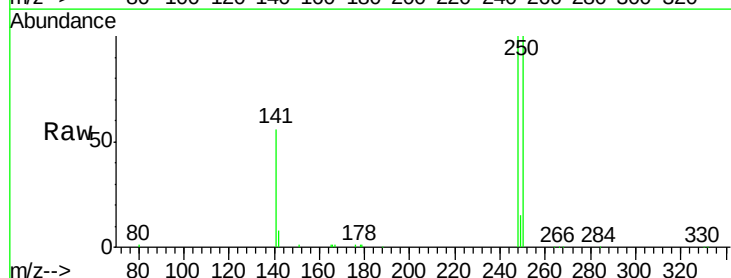
Tgt Ion:248 Resp: 13137

Ion Ratio Lower Upper

248 100

250 100.5 62.7 94.1#

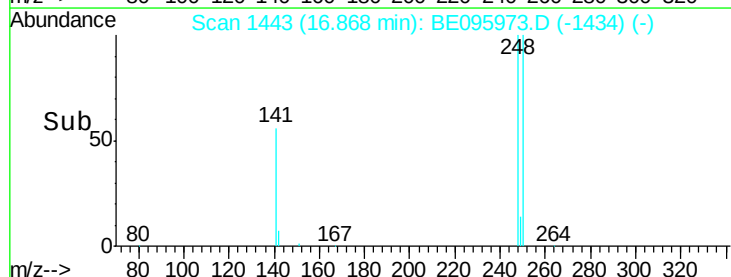
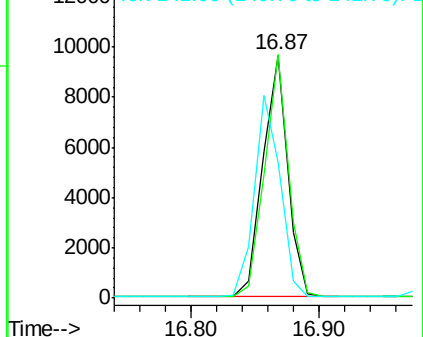
141 56.3 48.2 72.2

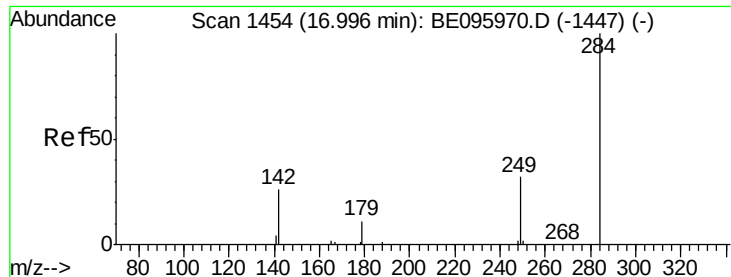


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.126 ng

RT: 17.00 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

Instrument :

BNA_E

ClientSampleId :

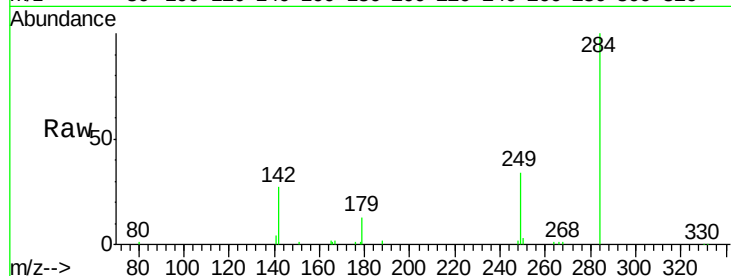
Tot Ion:284 Resp: 12909

Ion Ratio Lower Upper

284 100

142 42.2 22.1 33.1#

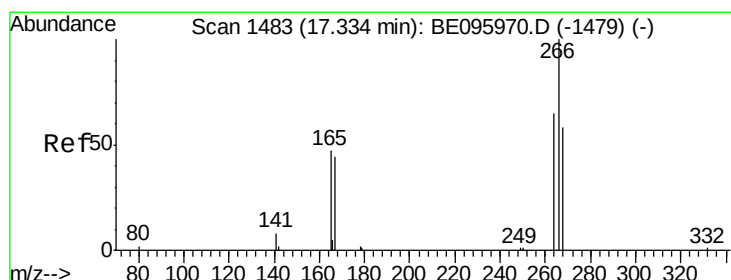
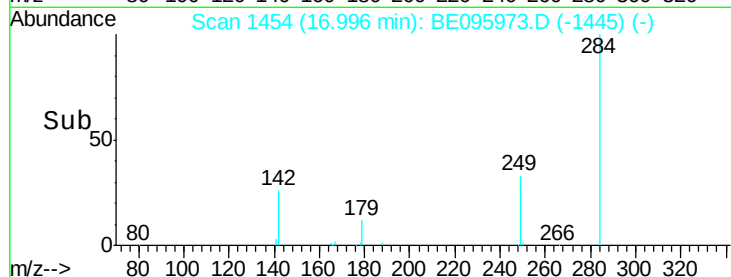
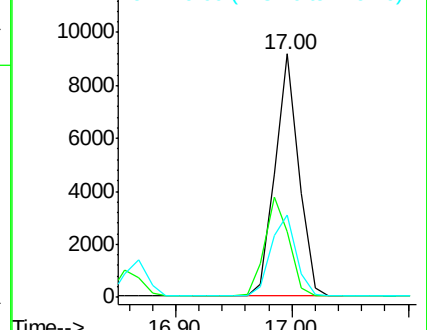
249 35.7 34.8 52.2



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: 4.905 ng

RT: 17.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

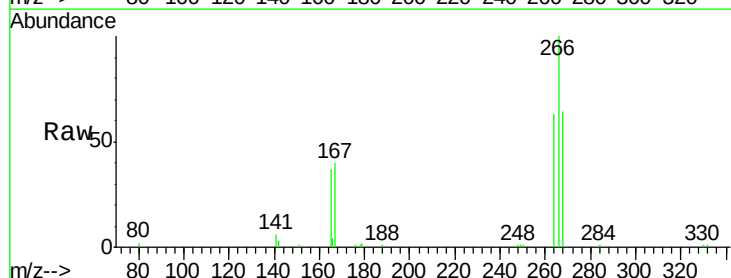
Tgt Ion:266 Resp: 5857

Ion Ratio Lower Upper

266 100

264 62.6 72.5 108.7#

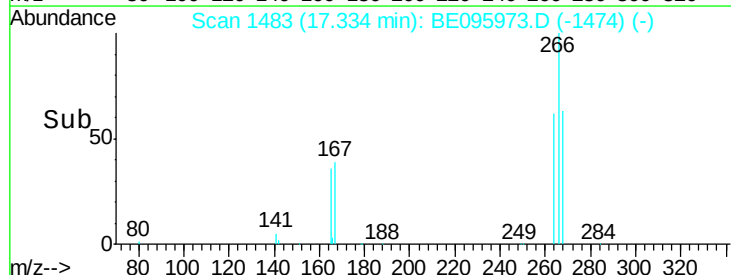
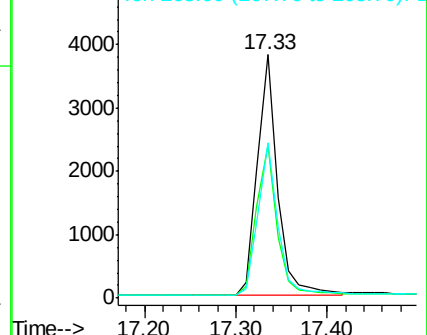
268 63.9 73.8 110.6#

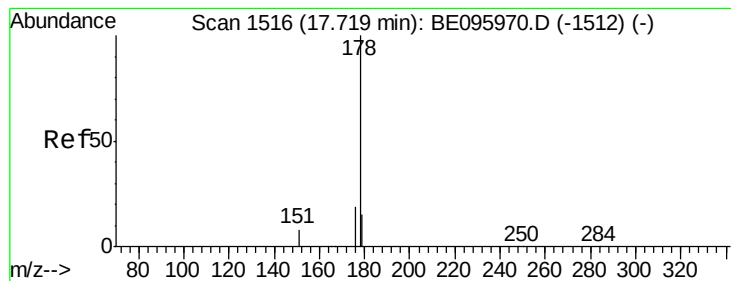


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 2.974 ng

RT: 17.72 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

Instrument :

BNA_E

ClientSampleId :

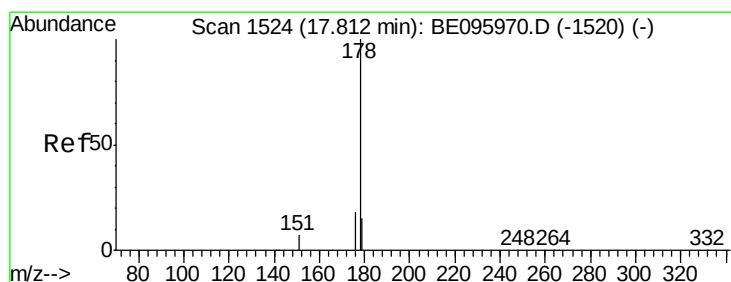
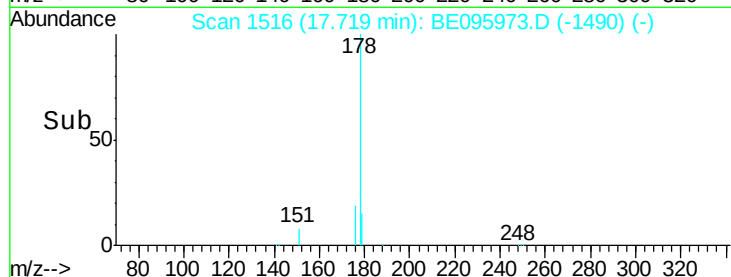
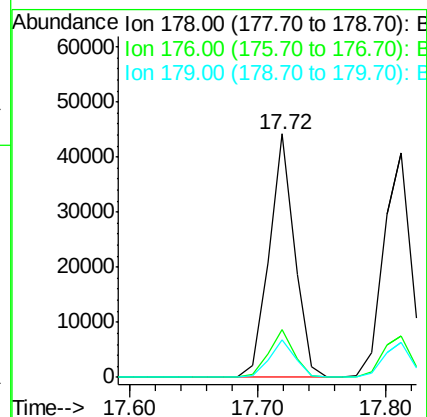
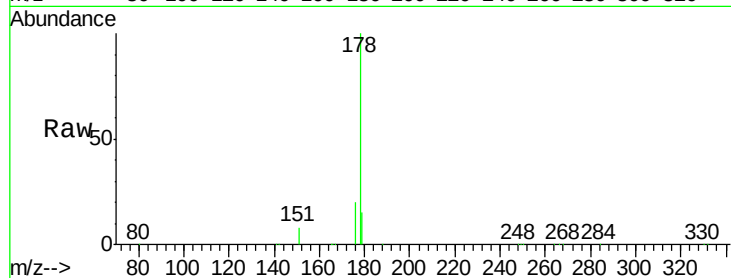
Tot Ion:178 Resp: 61259

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

179 15.1 11.8 17.6



#24

Anthracene

Concen: 2.934 ng

RT: 17.81 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

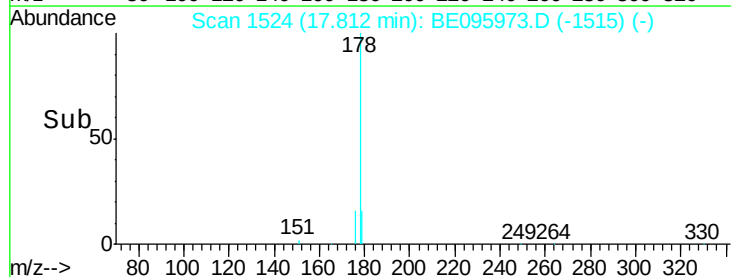
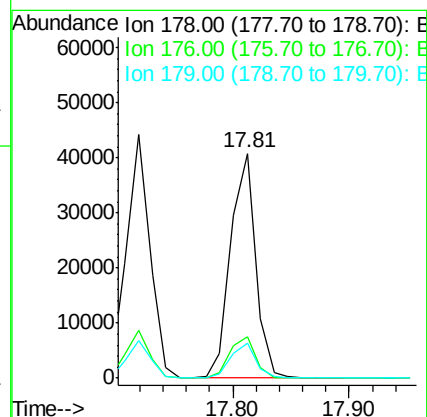
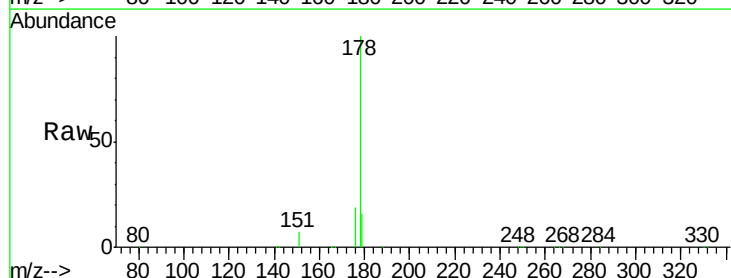
Tgt Ion:178 Resp: 60431

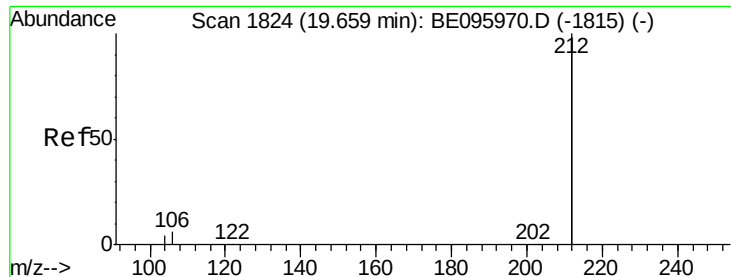
Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

179 15.3 13.0 19.6





#25

Fluoranthene-d10

Concen: 2.910 ng

RT: 19.66 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

Instrument :

BNA_E

ClientSampleId :

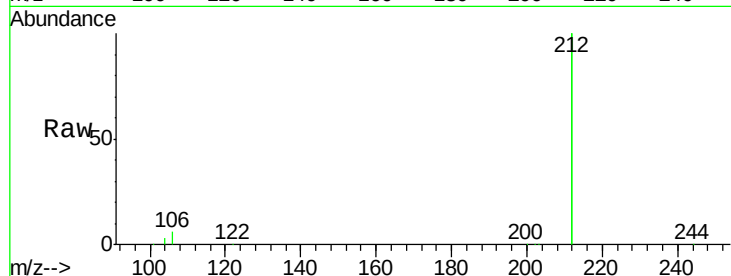
Tot Ion:212 Resp: 297396

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

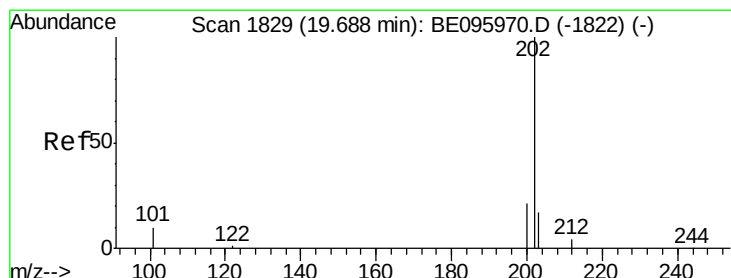
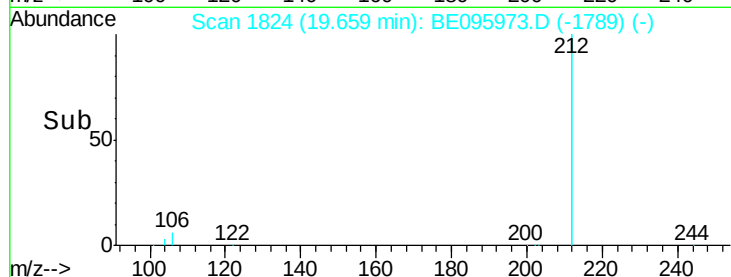
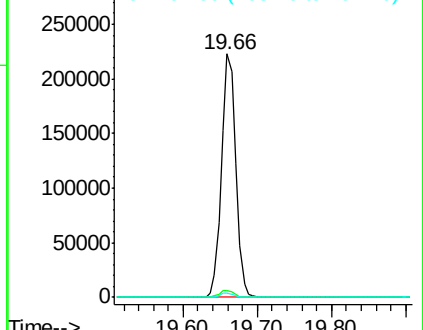
104 1.7 1.6 2.4



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



#26

Fluoranthene

Concen: 2.811 ng

RT: 19.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

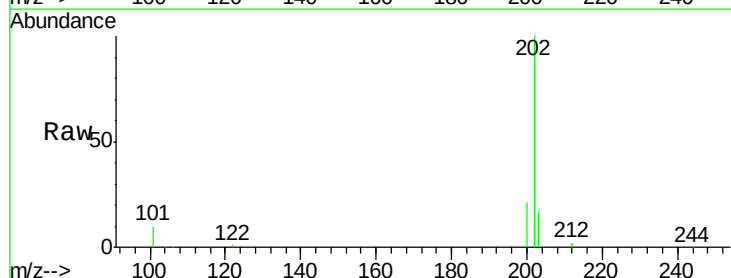
Tgt Ion:202 Resp: 80417

Ion Ratio Lower Upper

202 100

101 10.3 9.8 14.8

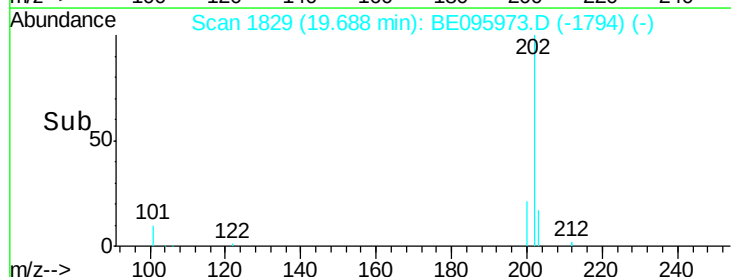
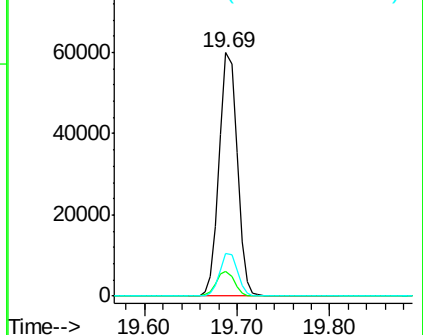
203 17.3 13.7 20.5

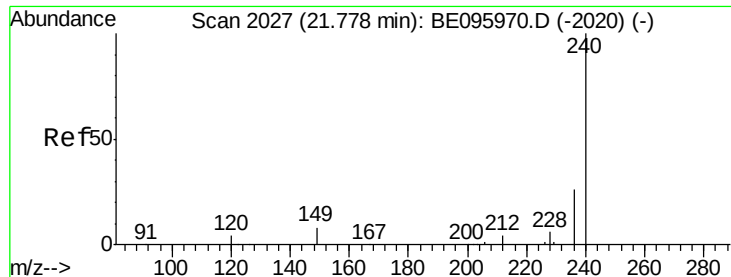


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

Instrument :

BNA_E

ClientSampleId :

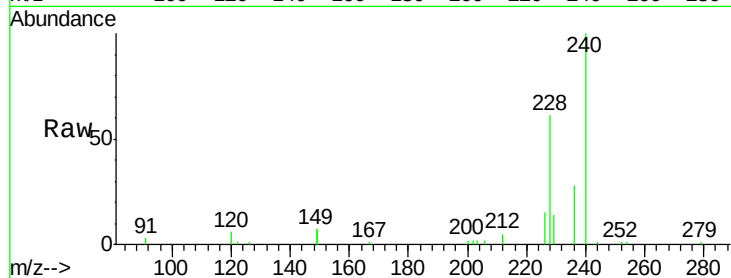
Tot Ion:240 Resp: 7707

Ion Ratio Lower Upper

240 100

120 6.0 5.5 8.3

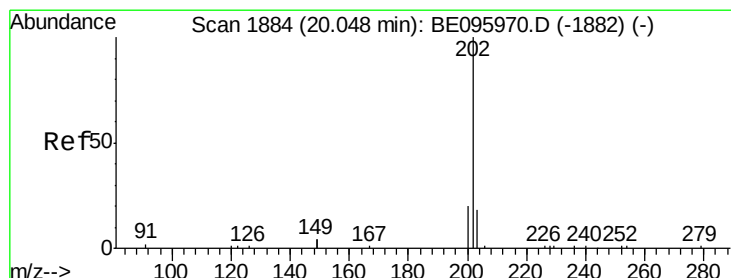
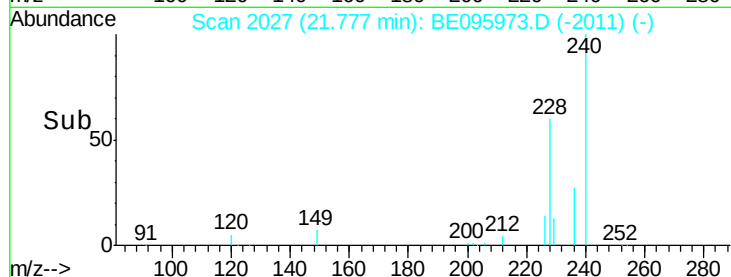
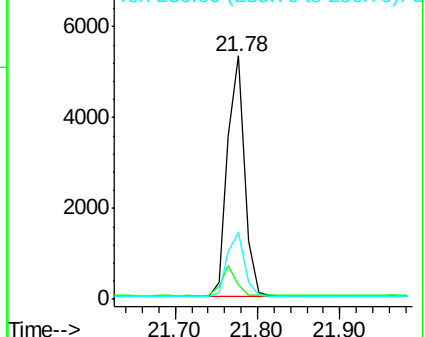
236 27.5 20.7 31.1



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



#28

Pyrene

Concen: 1.649 ng

RT: 20.05 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

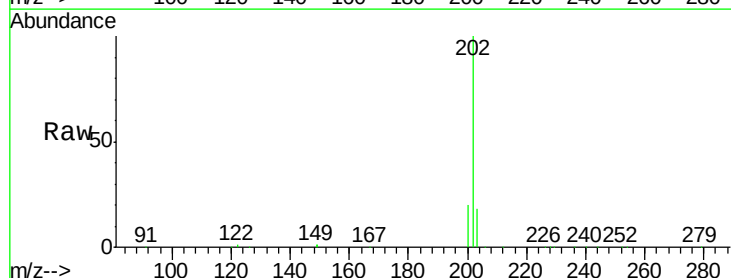
Tgt Ion:202 Resp: 51778

Ion Ratio Lower Upper

202 100

200 19.9 16.6 25.0

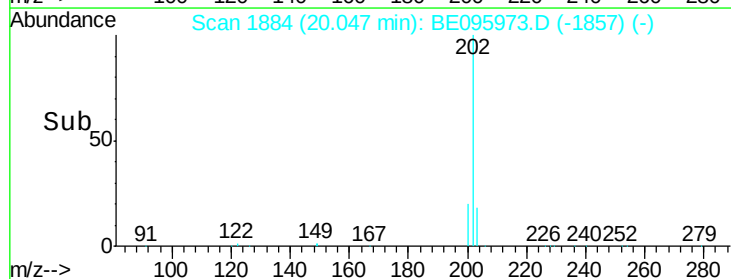
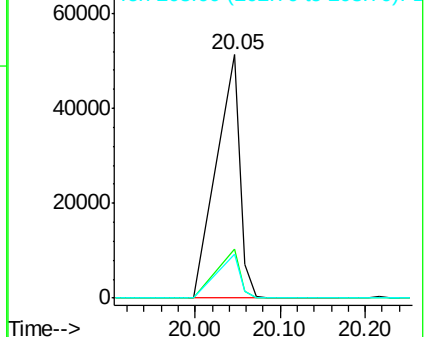
203 17.3 13.8 20.8

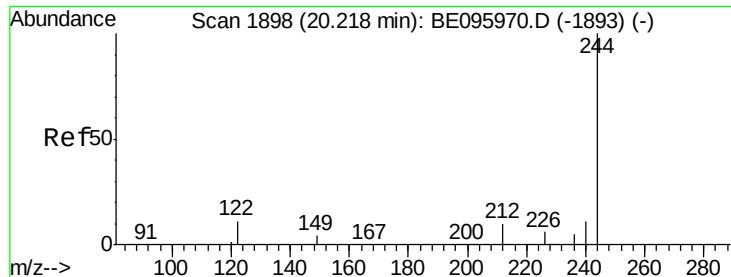


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.291 ng

RT: 20.22 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

Instrument :

BNA_E

ClientSampled :

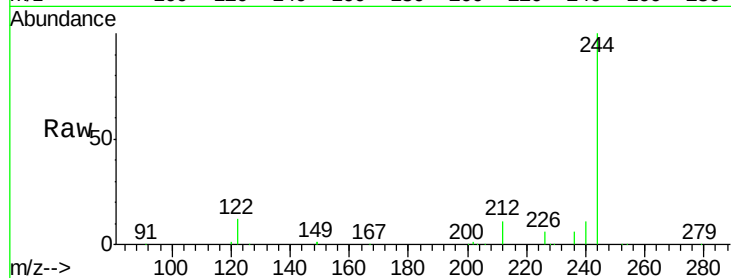
Tot Ion:244 Resp: 53865

Ion Ratio Lower Upper

244 100

212 10.9 25.4 38.0#

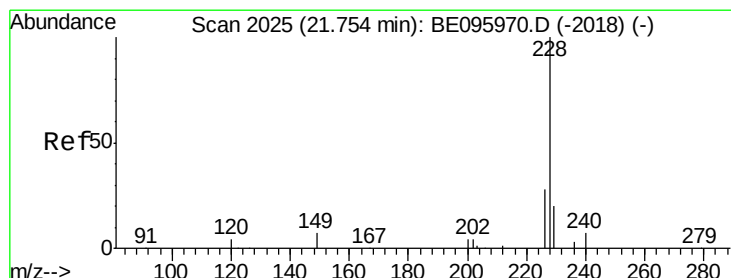
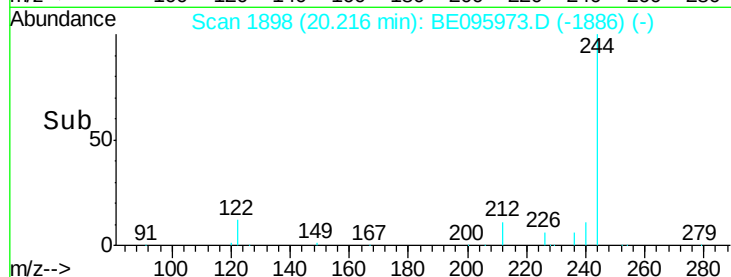
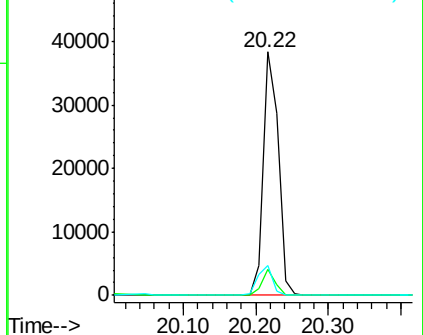
122 12.5 8.1 12.1#



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: 2.908 ng

RT: 21.75 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

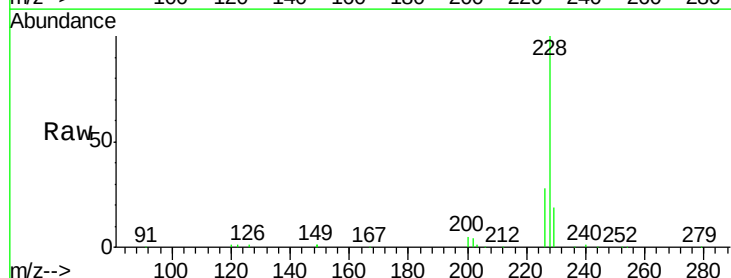
Tgt Ion:228 Resp: 77721

Ion Ratio Lower Upper

228 100

226 27.9 24.0 36.0

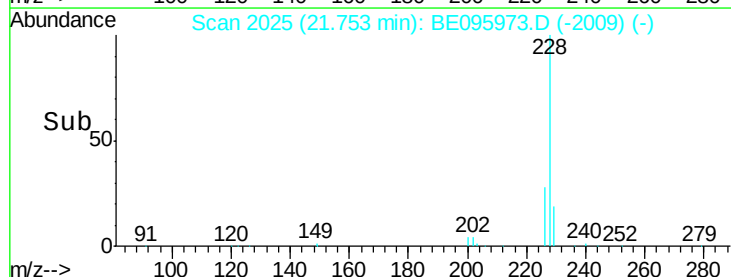
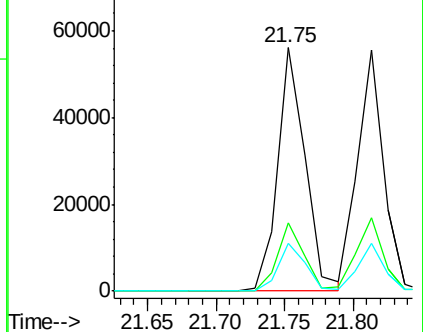
229 19.4 16.0 24.0

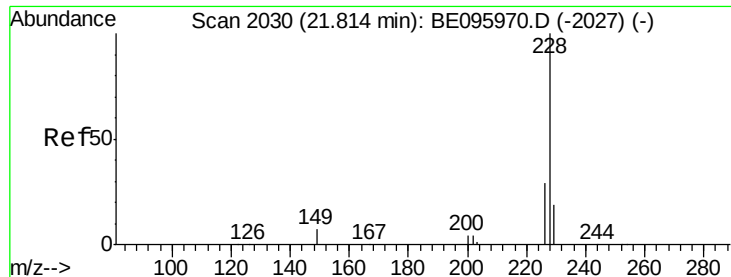


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.006 ng

RT: 21.81 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

Instrument :

BNA_E

ClientSampleId :

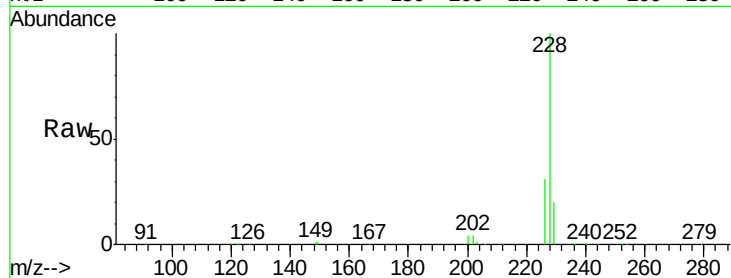
Tot Ion:228 Resp: 73312

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

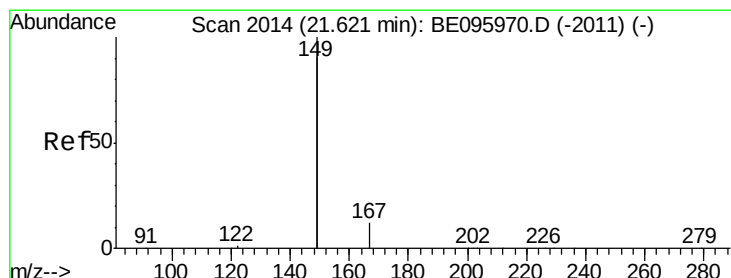
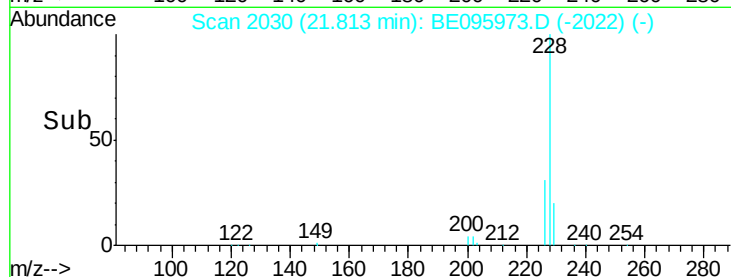
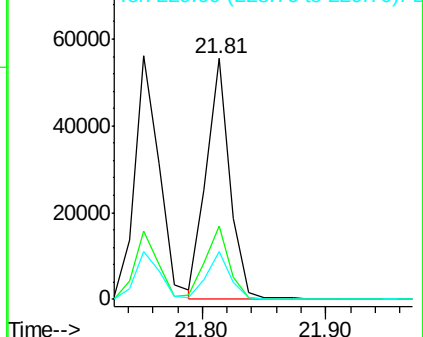
229 19.7 16.0 24.0



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: 2.440 ng

RT: 21.63 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

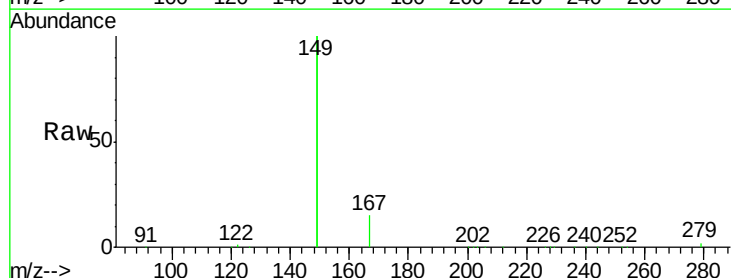
Tgt Ion:149 Resp: 199429

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

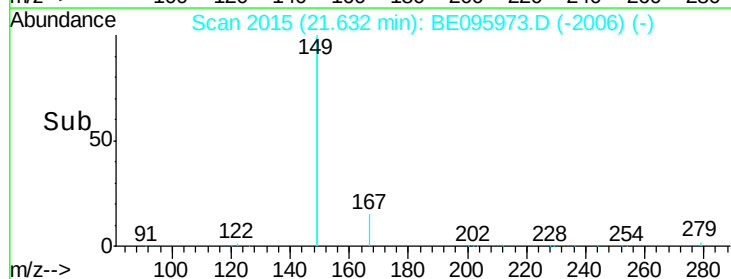
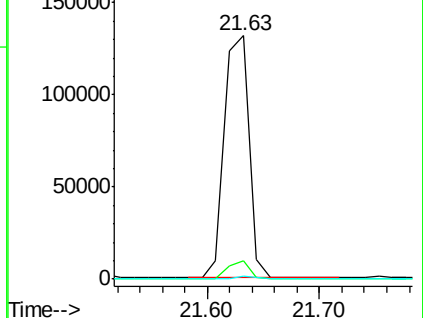
279 0.8 0.7 1.1

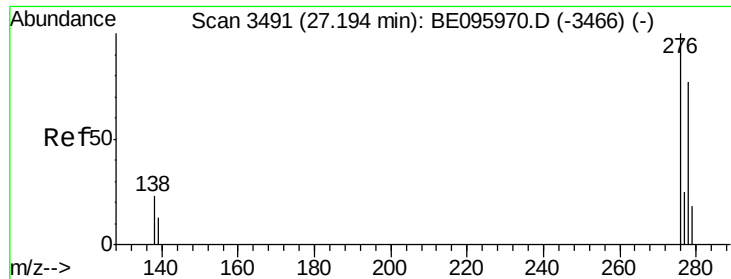


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

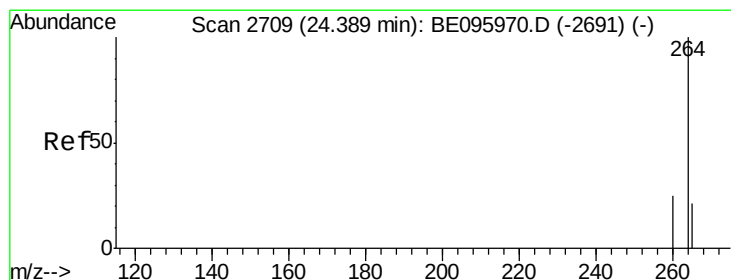
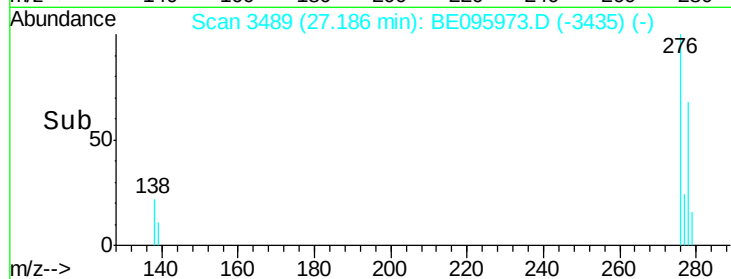
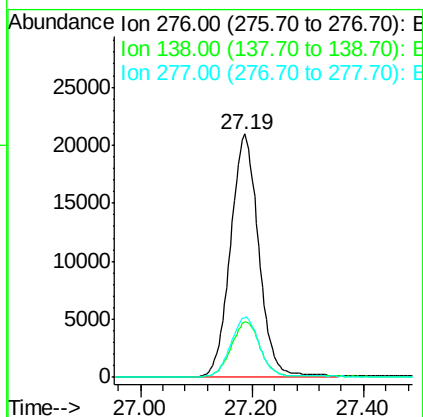
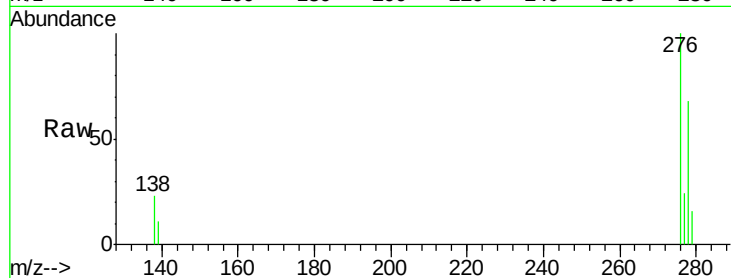




#33
Indeno(1,2,3-cd)pyrene
Concen: 2.787 ng
RT: 27.19 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

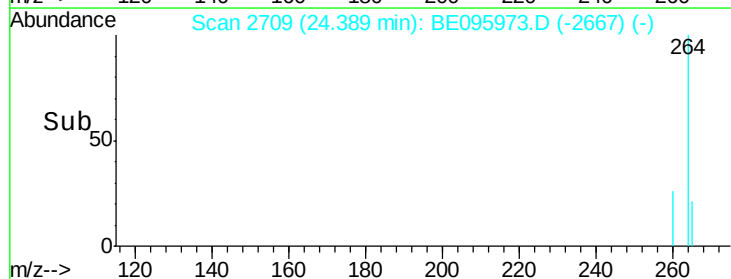
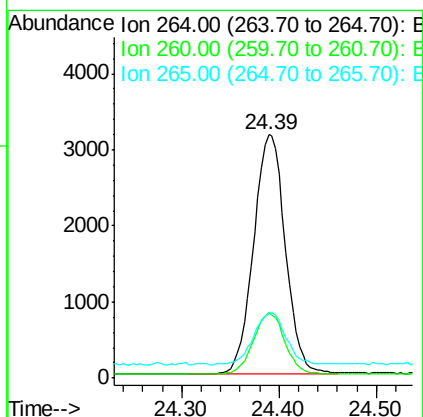
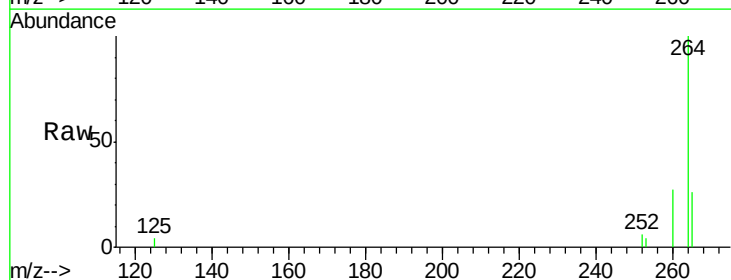
Instrument :
BNA_E
ClientSampleId :

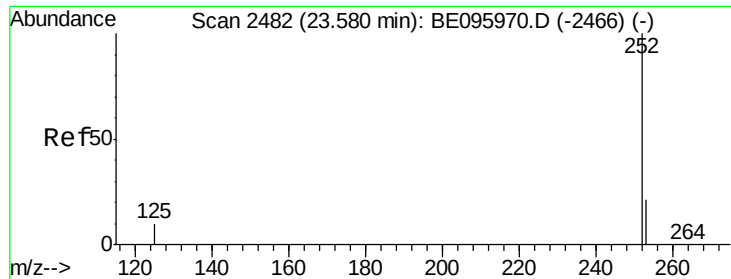
Tot Ion:276 Resp: 73225
Ion Ratio Lower Upper
276 100
138 23.2 22.5 33.7
277 24.8 19.9 29.9



#34
Perylene-d12
Concen: 0.400 ng
RT: 24.39 min Scan# 2709
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion:264 Resp: 7100
Ion Ratio Lower Upper
264 100
260 26.9 20.5 30.7
265 26.3 22.8 34.2

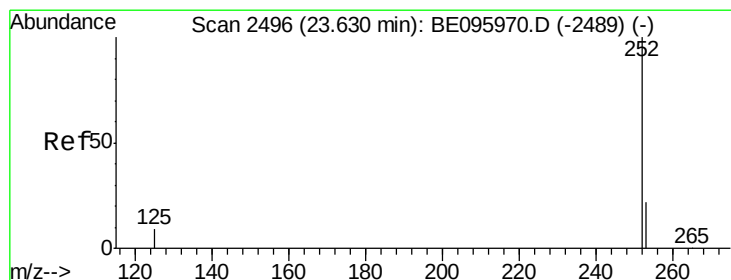
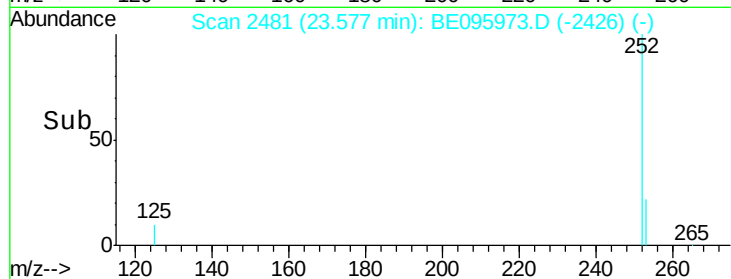
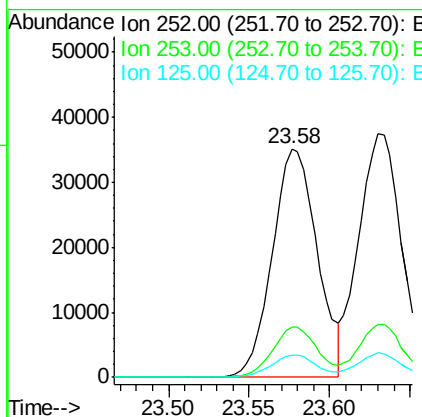
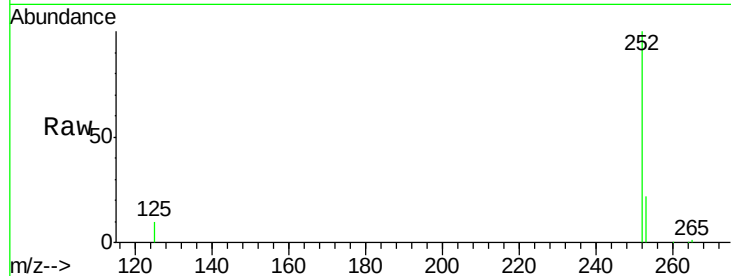




#35
Benzo(b)fluoranthene
Concen: 2.904 ng
RT: 23.58 min Scan# 2481
Delta R.T. -0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

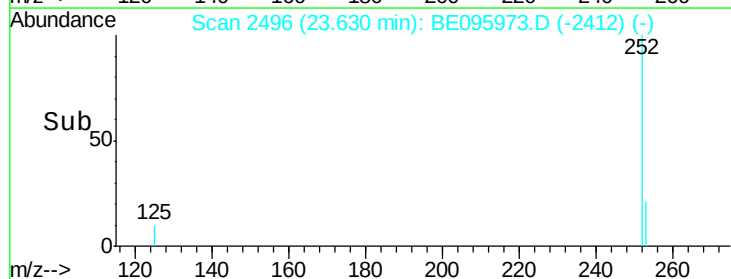
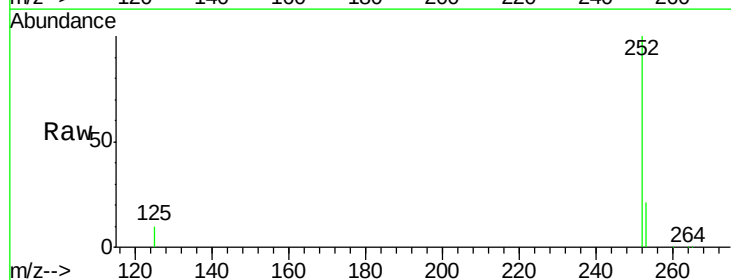
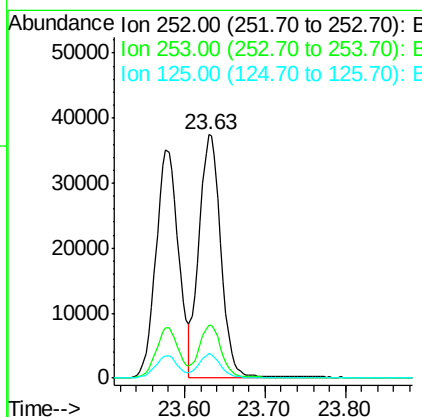
Instrument :
BNA_E
ClientSampleId :

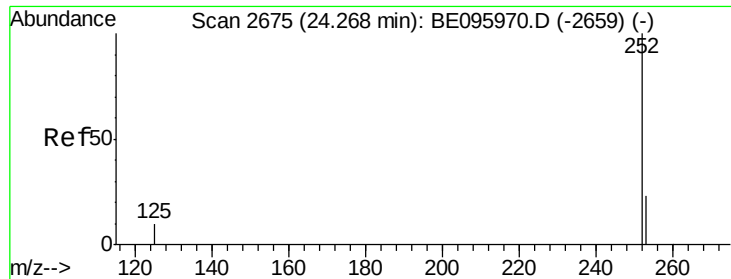
Tot Ion:252 Resp: 68206
Ion Ratio Lower Upper
252 100
253 22.2 20.0 30.0
125 9.9 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 2.980 ng
RT: 23.63 min Scan# 2496
Delta R.T. 0.00 min
Lab File: BE095973.D
Acq: 11 Apr 2018 16:34

Tgt Ion:252 Resp: 70012
Ion Ratio Lower Upper
252 100
253 21.5 16.0 24.0
125 9.9 8.0 12.0





#37

Benzo(a)pyrene

Concen: 2.971 ng

RT: 24.27 min Scan# 2676

Delta R.T. 0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

Instrument :

BNA_E

ClientSampleId :

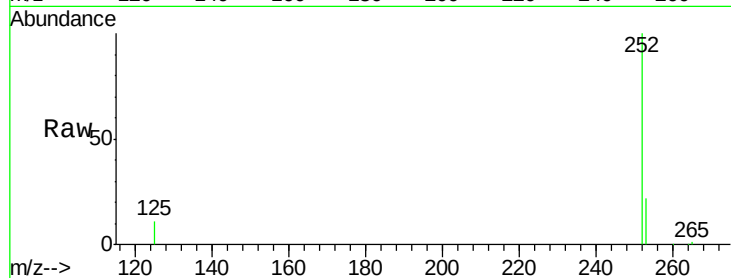
Tot Ion:252 Resp: 65404

Ion Ratio Lower Upper

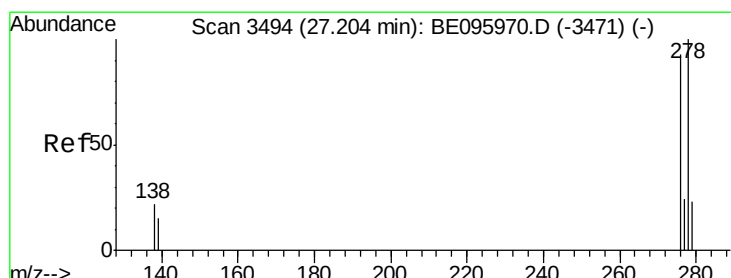
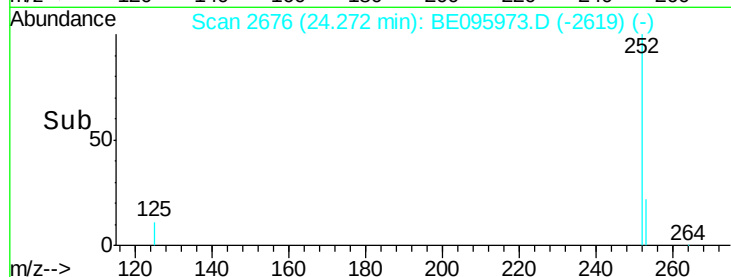
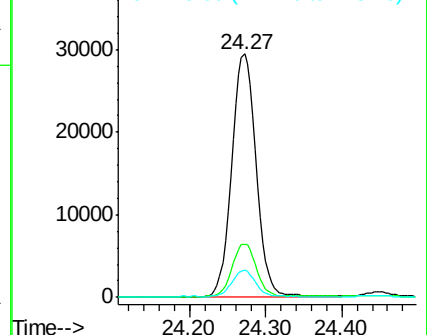
252 100

253 21.9 16.0 24.0

125 11.0 12.0 18.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 2.864 ng

RT: 27.20 min Scan# 3493

Delta R.T. -0.00 min

Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

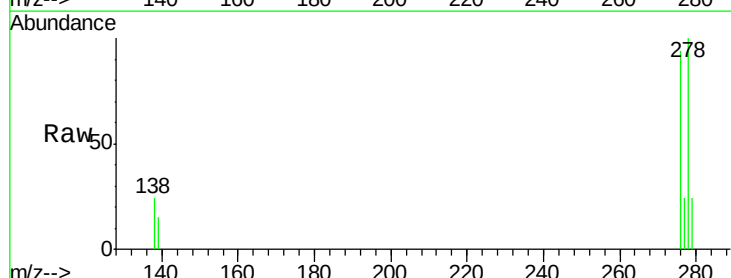
Tgt Ion:278 Resp: 59902

Ion Ratio Lower Upper

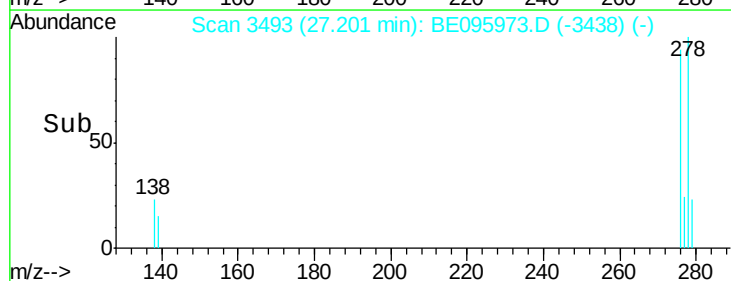
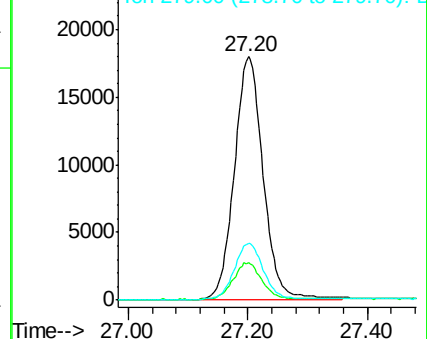
278 100

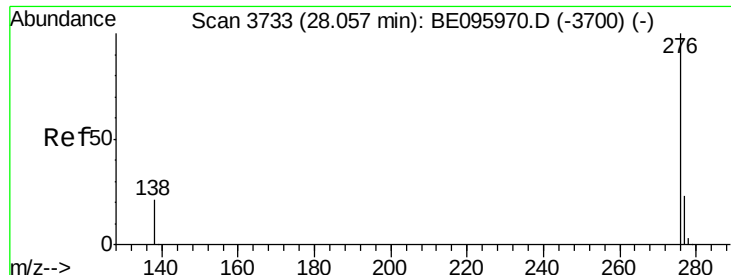
139 15.3 16.0 24.0#

279 23.5 20.0 30.0



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





#39

Benzo(a,h,i)perylene

Concen: 2.883 ng

RT: 28.06 min Scan# 3733

Delta R.T. 0.00 min

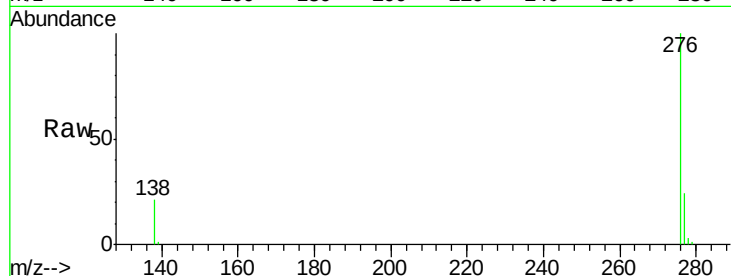
Lab File: BE095973.D

Acq: 11 Apr 2018 16:34

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 60569

Ion Ratio Lower Upper

276 100

277 24.1 16.0 24.0#

138 20.6 20.0 30.0

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

