

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
 Data File : BE096575.D
 Acq On : 15 May 2018 11:36
 Operator : SJ/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 15 12:15:51 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 15 11:46:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	653	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	2693	0.40	ng	0.00
13) Acenaphthene-d10	14.92	164	1587	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3602	0.40	ng	0.00
27) Chrysene-d12	21.73	240	3551	0.40	ng	0.00
34) Perylene-d12	24.33	264	3215	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.85	112	2977	1.47	ng	0.00
5) Phenol-d6	7.50	99	4338	1.56	ng	0.00
8) Nitrobenzene-d5	9.53	82	4868	1.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.72	152	7133	1.67	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	1208	1.58	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	11111	1.64	ng	0.00
25) Fluoranthene-d10	19.62	212	73520	1.50	ng	0.00
29) Terphenyl-d14	20.18	244	13215	1.68	ng	0.00

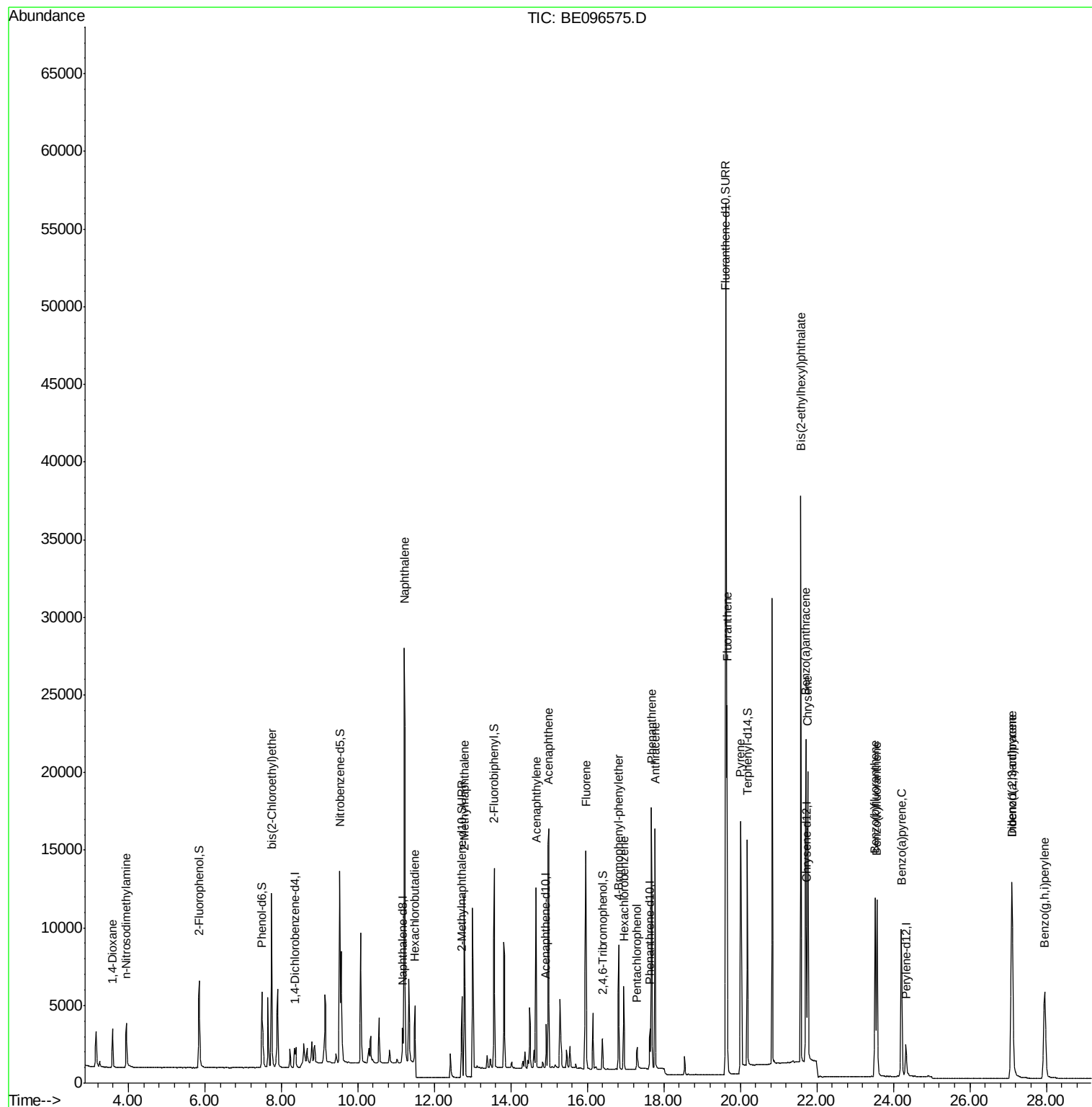
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	1545	1.532	ng	# 89
3) n-Nitrosodimethylamine	3.94	42	2180	1.764	ng	# 76
6) bis(2-Chloroethyl)ether	7.74	93	3892	1.587	ng	96
9) Naphthalene	11.22	128	45807	1.613	ng	99
10) Hexachlorobutadiene	11.49	225	2608	2.072	ng	# 85
12) 2-Methylnaphthalene	12.79	142	7992	1.701	ng	94
16) Acenaphthylene	14.66	152	14030	1.656	ng	99
17) Acenaphthene	14.99	154	8334	1.637	ng	93
18) Fluorene	15.96	166	10626	1.686	ng	# 78
20) 4-Bromophenyl-phenylether	16.82	248	3707	1.732	ng	# 81
21) Hexachlorobenzene	16.95	284	3695	1.733	ng	# 79
22) Pentachlorophenol	17.30	266	948	1.351	ng	# 74
23) Phenanthrene	17.67	178	16905	1.671	ng	99
24) Anthracene	17.77	178	15808	1.635	ng	95
26) Fluoranthene	19.65	202	20535	1.544	ng	# 97
28) Pyrene	20.00	202	11524	1.648	ng	97
30) Benzo(a)anthracene	21.72	228	18285	1.606	ng	96
31) Chrysene	21.77	228	18317	1.665	ng	97
32) Bis(2-ethylhexyl)phthalate	21.58	149	37880	1.289	ng	100
33) Indeno(1,2,3-cd)pyrene	27.10	276	17951	1.683	ng	# 93
35) Benzo(b)fluoranthene	23.52	252	16595	1.721	ng	# 87
36) Benzo(k)fluoranthene	23.57	252	17235	1.737	ng	96
37) Benzo(a)pyrene	24.21	252	15693	1.693	ng	# 93
38) Dibenzo(a,h)anthracene	27.11	278	14515	1.776	ng	# 96
39) Benzo(g,h,i)perylene	27.96	276	14975	1.732	ng	# 89

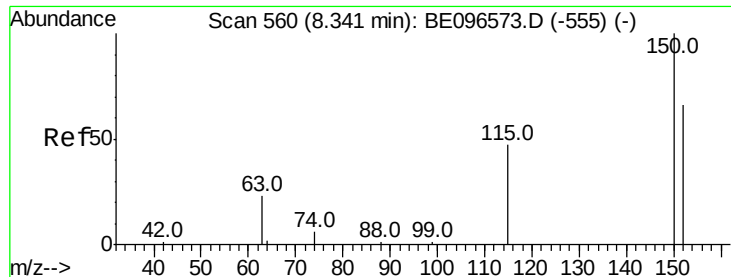
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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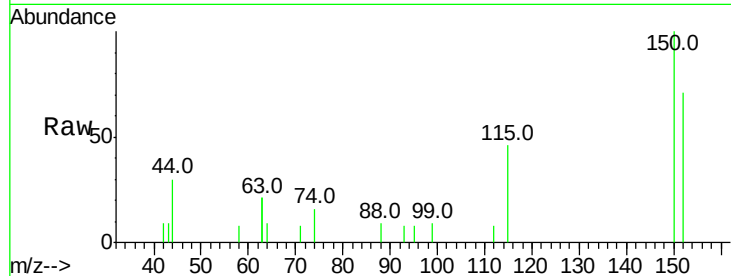


#1

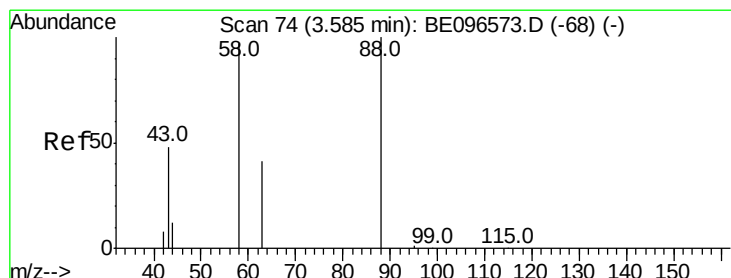
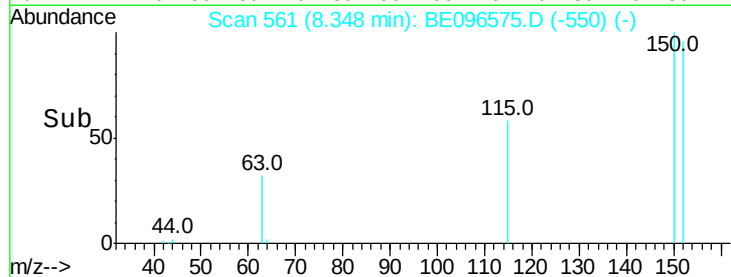
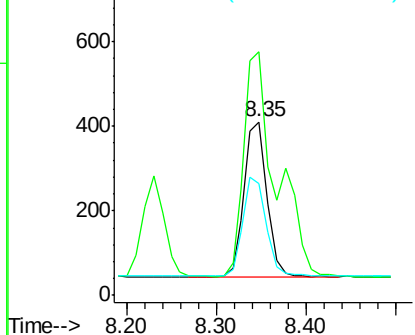
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.35 min Scan# 561
Delta R.T. 0.01 min
Lab File: BE096575.D
Acq: 15 May 2018 11:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 653
Ion Ratio Lower Upper
152 100
150 140.5 117.2 175.8
115 64.9 57.0 85.6



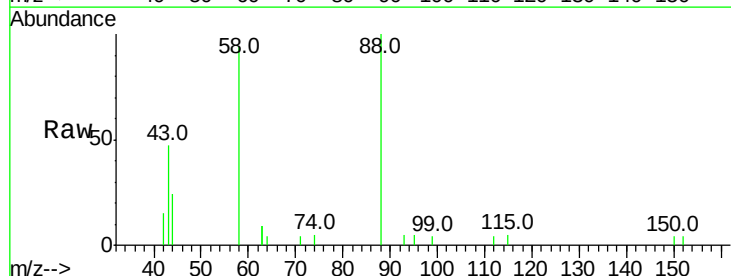
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



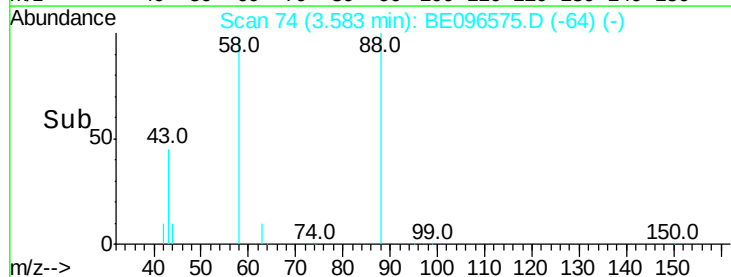
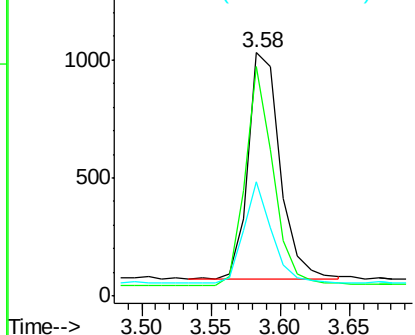
#2

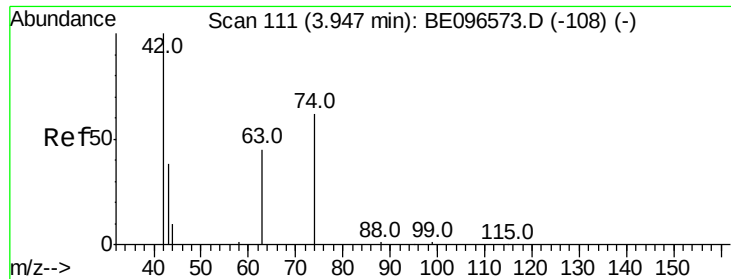
1,4-Dioxane
Concen: 1.532 ng
RT: 3.58 min Scan# 74
Delta R.T. -0.00 min
Lab File: BE096575.D
Acq: 15 May 2018 11:36

Tgt Ion: 88 Resp: 1545
Ion Ratio Lower Upper
88 100
58 85.1 63.2 94.8
43 39.2 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



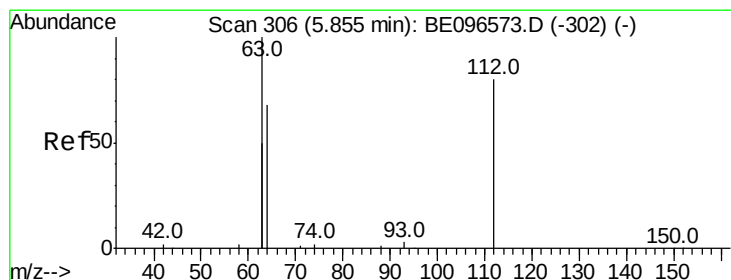
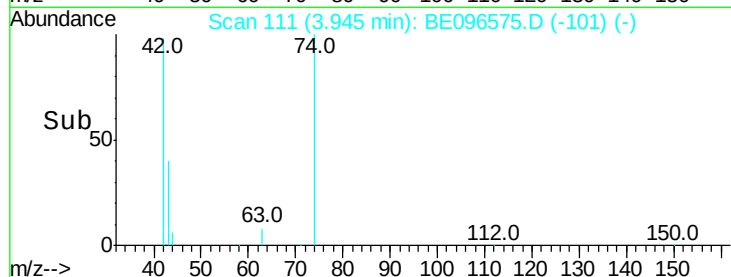
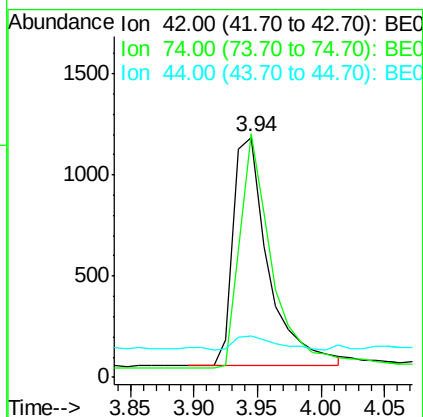
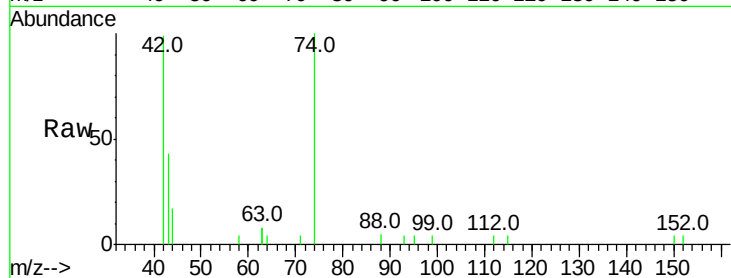


#3

n-Nitrosodimethylamine
 Concen: 1.764 ng
 RT: 3.94 min Scan# 111
 Delta R.T. -0.00 min
 Lab File: BE096575.D
 Acq: 15 May 2018 11:36

Instrument :
 BNA_E
 ClientSampleId :

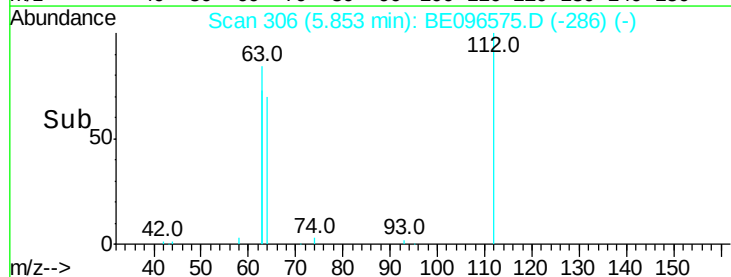
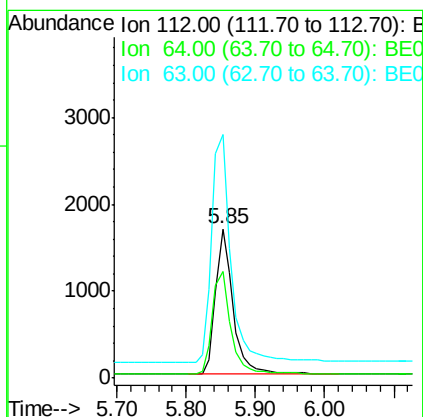
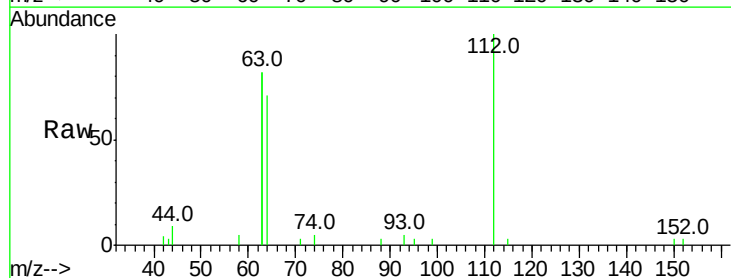
Tot Ion	Ratio	Lower	Upper
42	100		
74	92.2	96.0	144.0#
44	7.7	12.0	18.0#

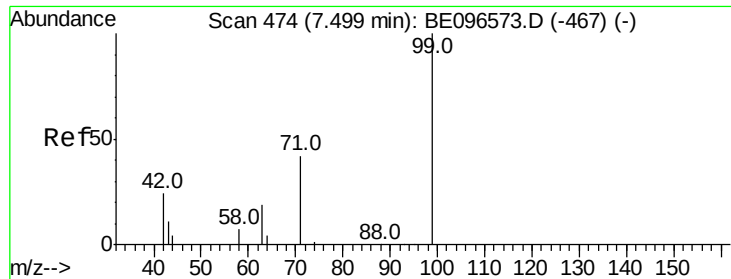


#4

2-Fluorophenol
 Concen: 1.474 ng
 RT: 5.85 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: BE096575.D
 Acq: 15 May 2018 11:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.7	60.1	90.1
63	172.1	116.8	175.2





#5

Phenol-d6

Concen: 1.557 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.00 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

Instrument :

BNA_E

ClientSampled :

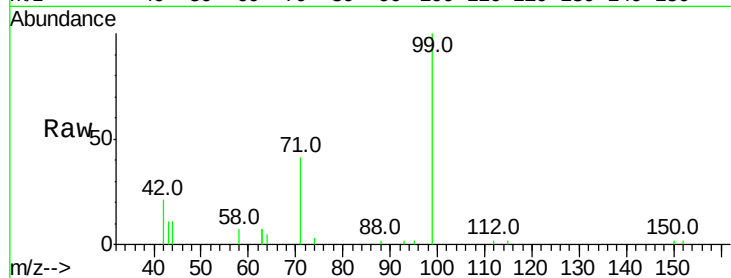
Tot Ion: 99 Resp: 4338

Ion Ratio Lower Upper

99 100

42 28.7 20.2 30.2

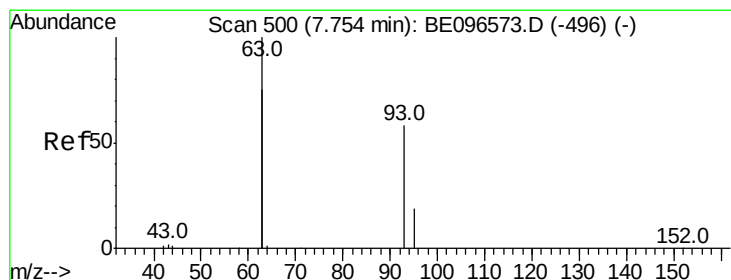
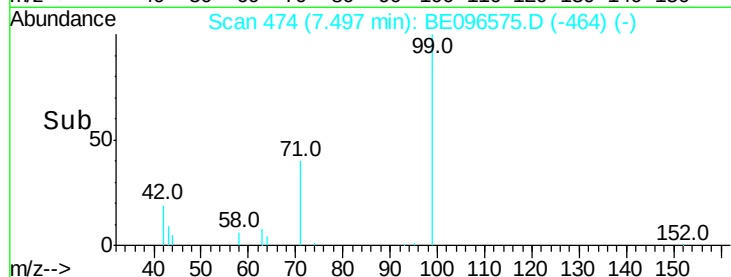
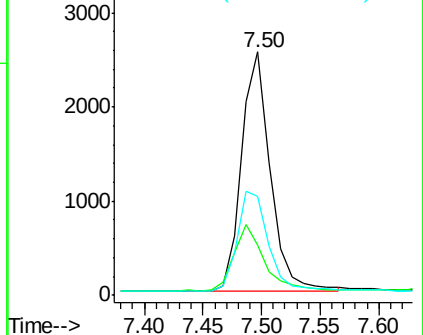
71 45.0 28.4 42.6#



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: 1.587 ng

RT: 7.74 min Scan# 499

Delta R.T. -0.01 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

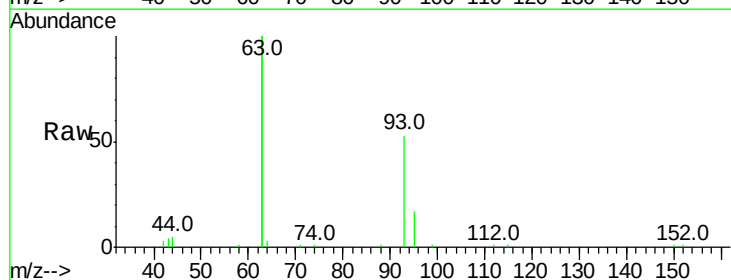
Tgt Ion: 93 Resp: 3892

Ion Ratio Lower Upper

93 100

63 335.7 275.3 412.9

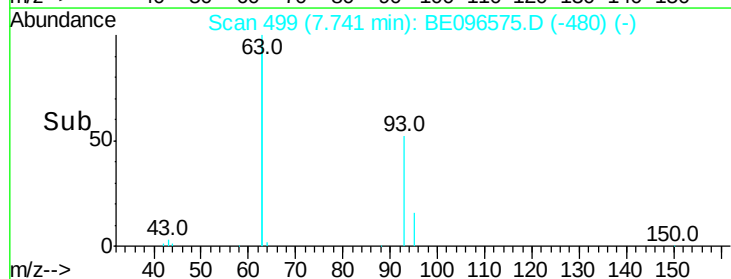
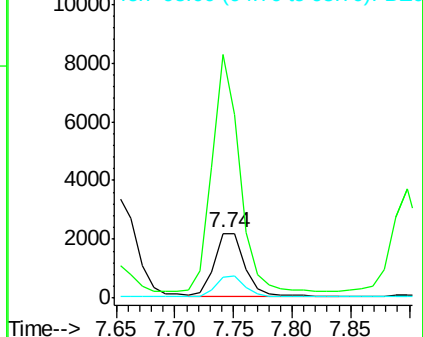
95 32.2 25.2 37.8

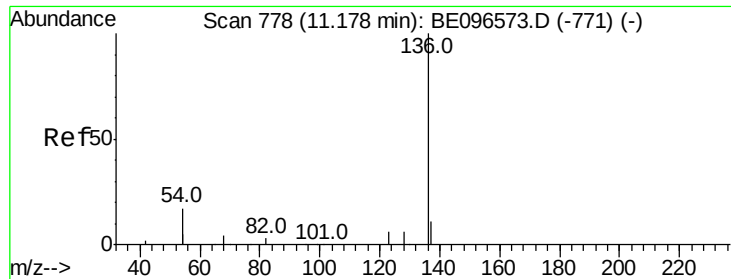


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.18 min Scan# 778

Delta R.T. -0.00 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2693

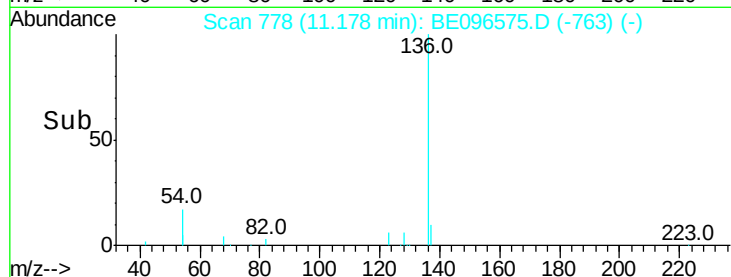
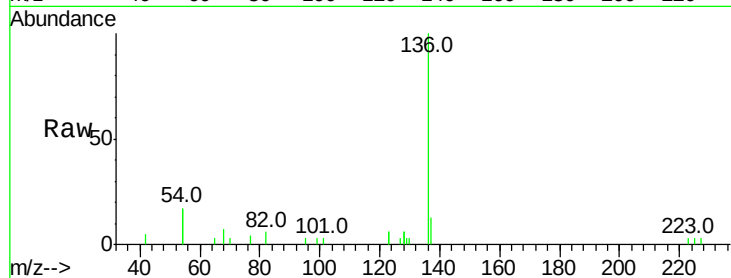
Ion Ratio Lower Upper

136 100

137 12.7 9.5 14.3

54 33.1 29.1 43.7

68 6.6 6.2 9.2

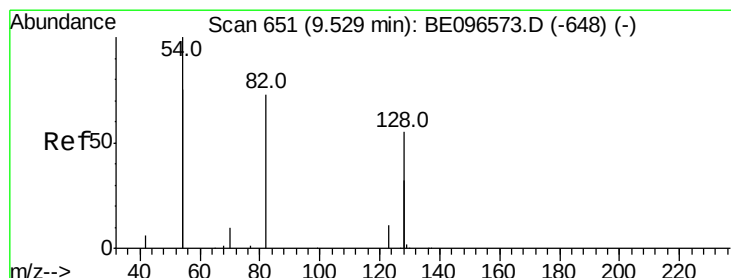
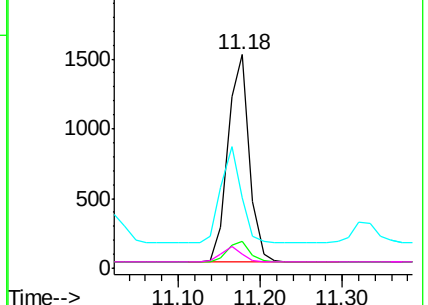


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.541 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

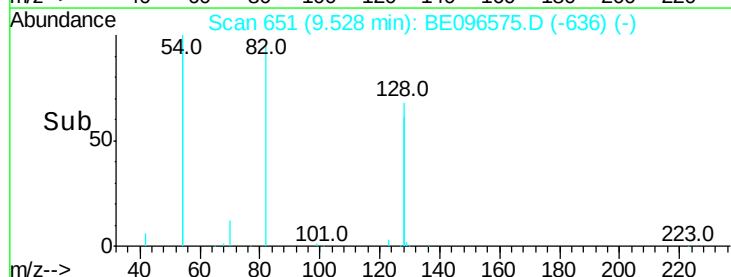
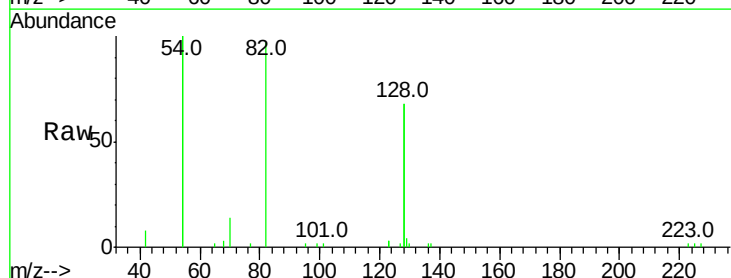
Tgt Ion: 82 Resp: 4868

Ion Ratio Lower Upper

82 100

128 140.0 150.0 225.0#

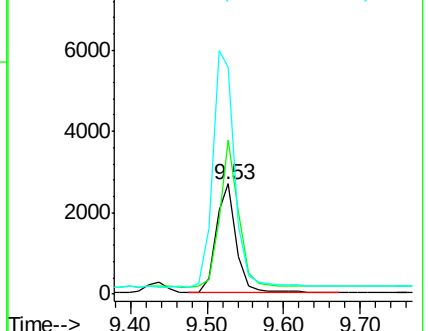
54 206.1 154.2 231.4

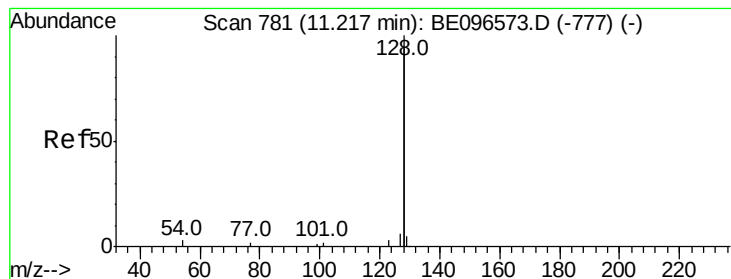


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.613 ng

RT: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

Instrument :

BNA_E

ClientSampleId :

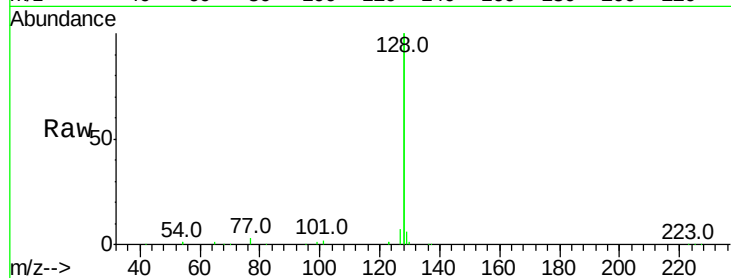
Tot Ion:128 Resp: 45807

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

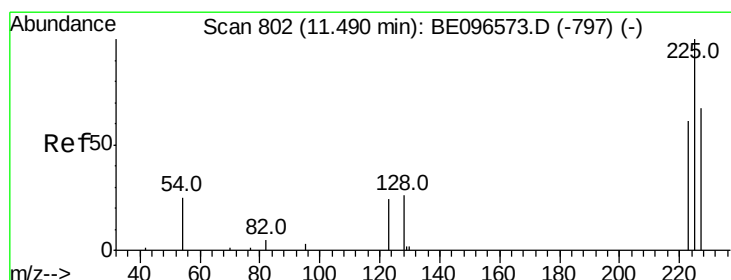
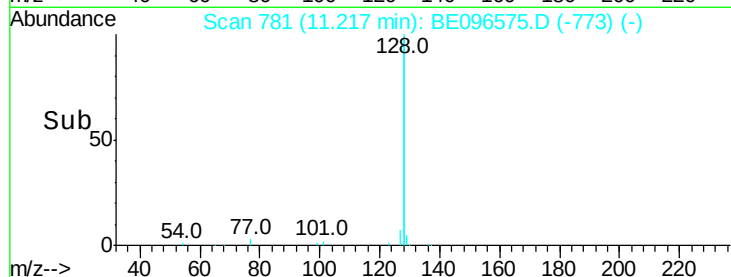
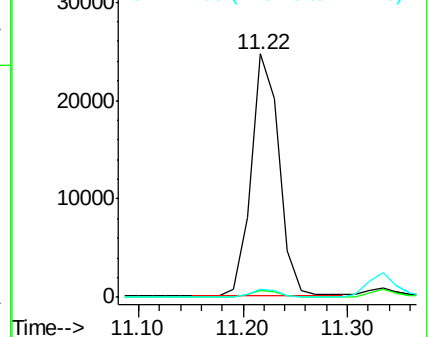
127 3.6 2.8 4.2



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: 2.072 ng

RT: 11.49 min Scan# 802

Delta R.T. -0.00 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

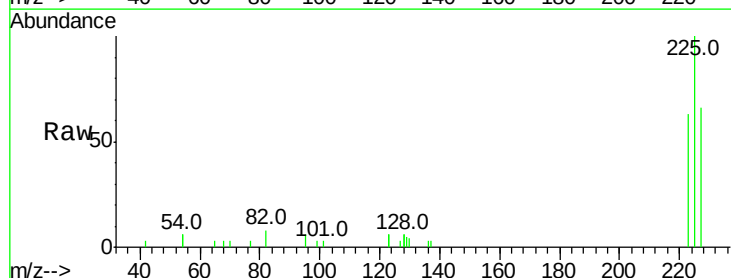
Tgt Ion:225 Resp: 2608

Ion Ratio Lower Upper

225 100

223 51.4 53.0 79.6#

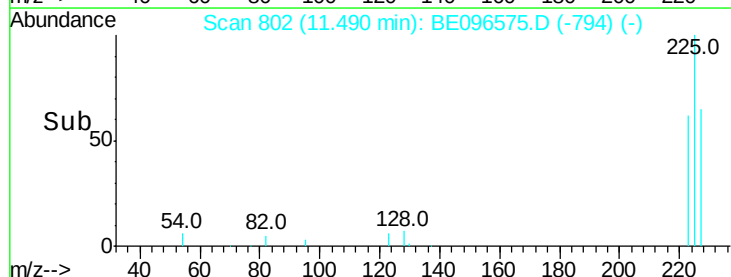
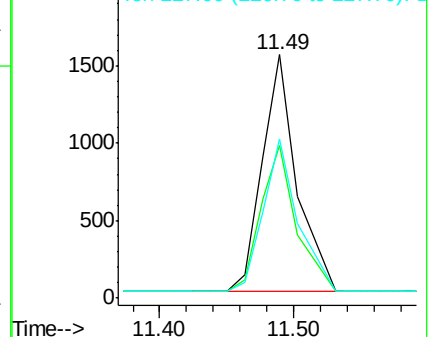
227 55.7 51.4 77.2

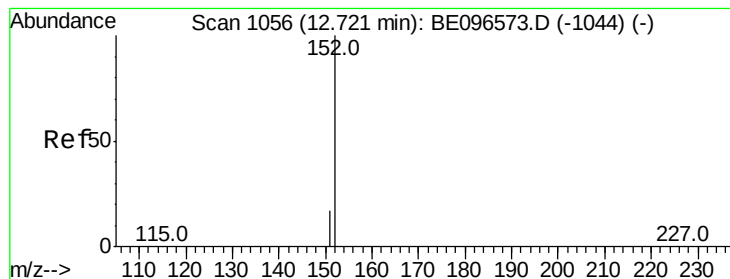


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.671 ng

RT: 12.72 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

Instrument :

BNA_E

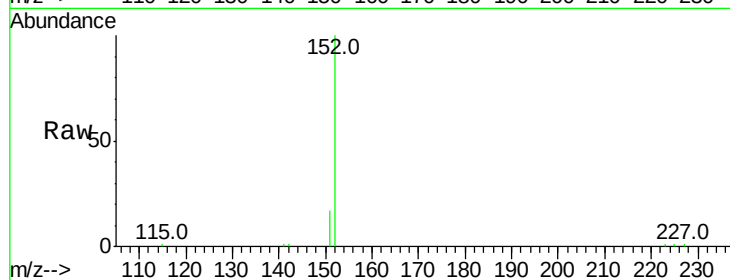
ClientSampleId :

Tot Ion:152 Resp: 7133

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.72

5000

4000

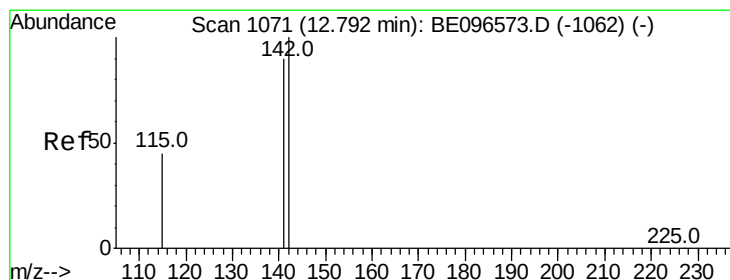
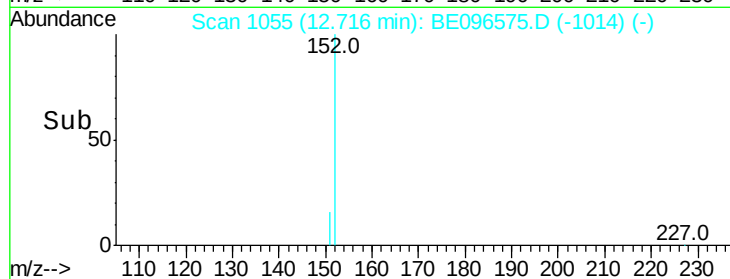
3000

2000

1000

0

Time--> 12.60 12.70 12.80



#12

2-Methylnaphthalene

Concen: 1.701 ng

RT: 12.79 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

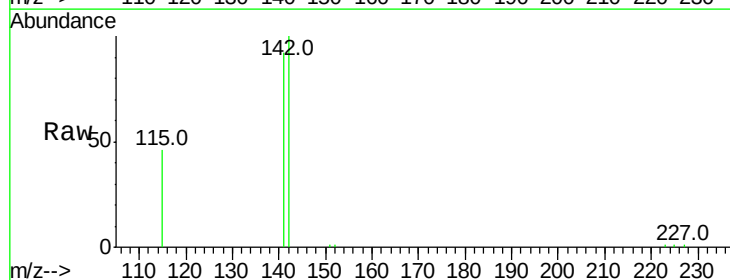
Tgt Ion:142 Resp: 7992

Ion Ratio Lower Upper

142 100

141 92.2 70.4 105.6

115 45.7 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

12.79

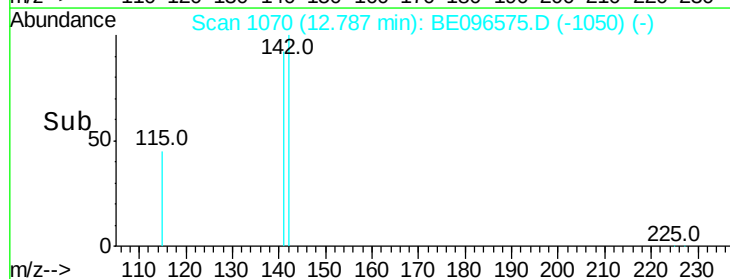
6000

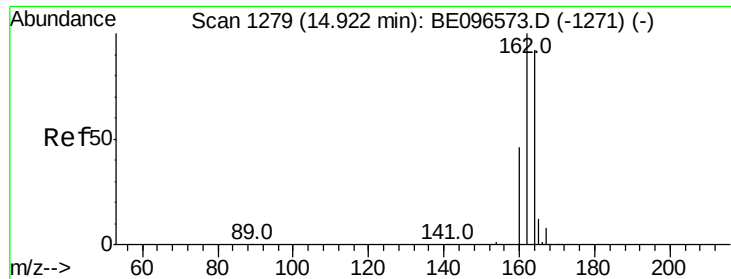
4000

2000

0

Time--> 12.70 12.80 12.90

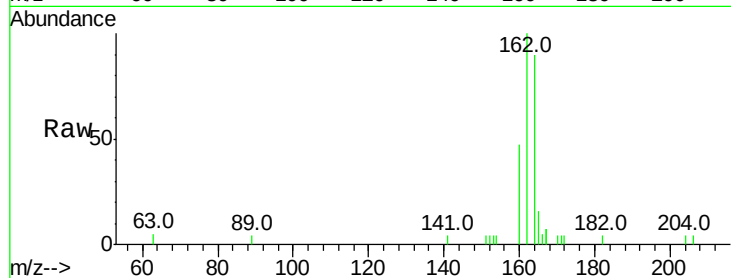




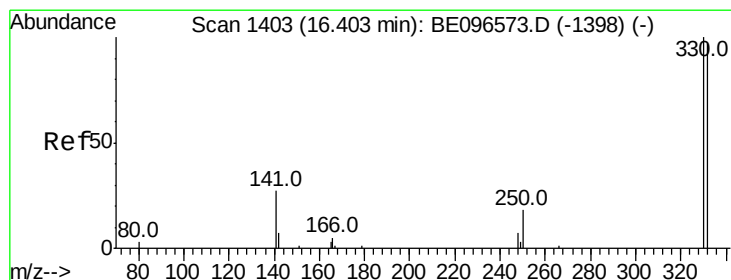
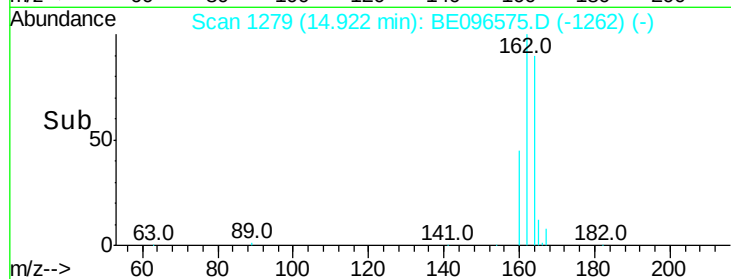
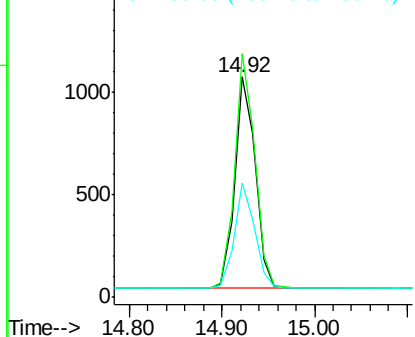
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.92 min Scan# 1279
 Delta R.T. -0.00 min
 Lab File: BE096575.D
 Acq: 15 May 2018 11:36

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 1587
 Ion Ratio Lower Upper
 164 100
 162 110.5 83.1 124.7
 160 51.8 37.1 55.7

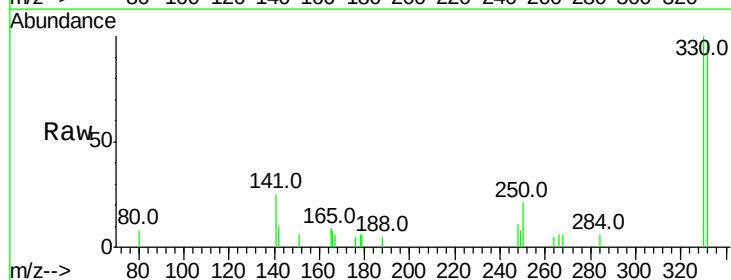


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

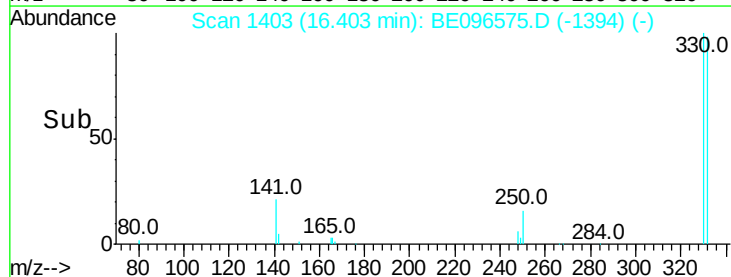
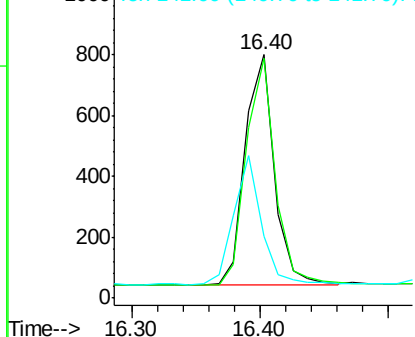


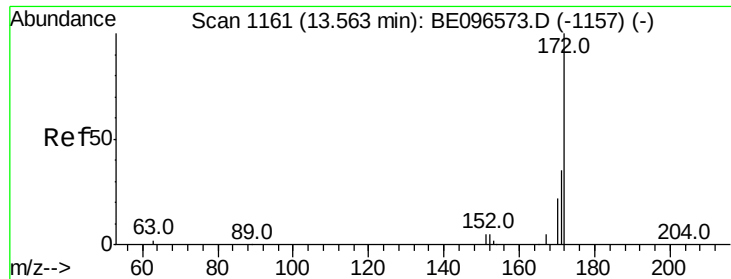
#14
 2,4,6-Tribromophenol
 Concen: 1.576 ng
 RT: 16.40 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BE096575.D
 Acq: 15 May 2018 11:36

Tgt Ion:330 Resp: 1208
 Ion Ratio Lower Upper
 330 100
 332 98.1 152.7 229.1#
 141 52.3 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

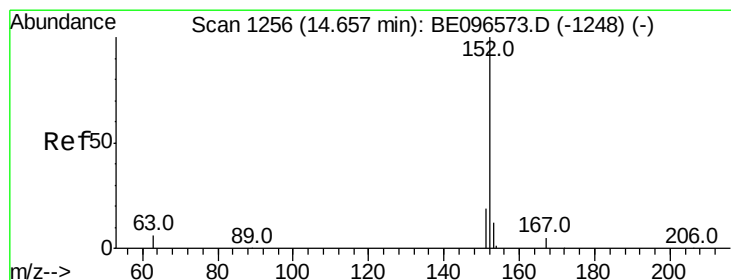
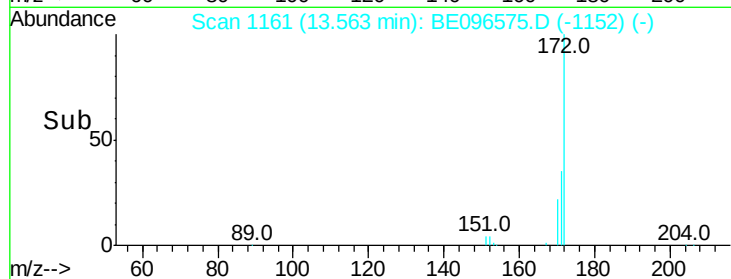
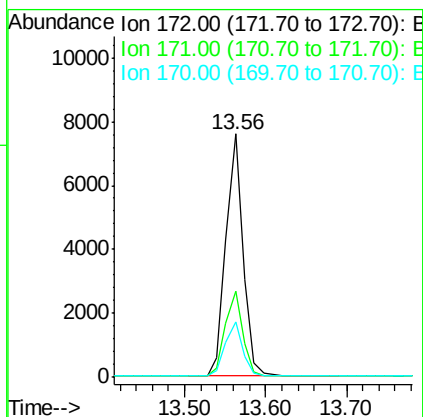
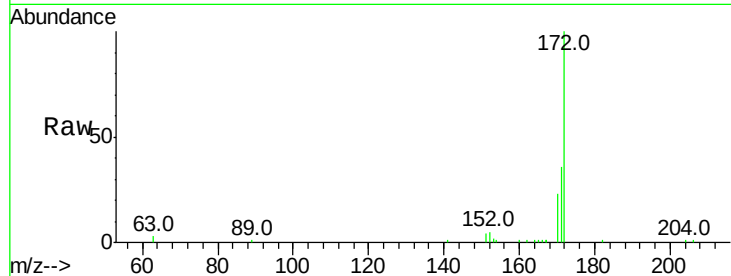




#15
2-Fluorobiphenyl
Concen: 1.637 ng
RT: 13.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096575.D
Acq: 15 May 2018 11:36

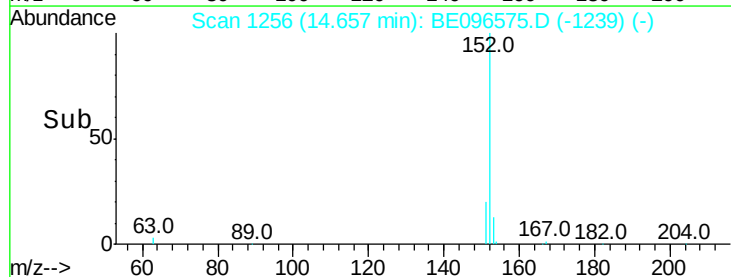
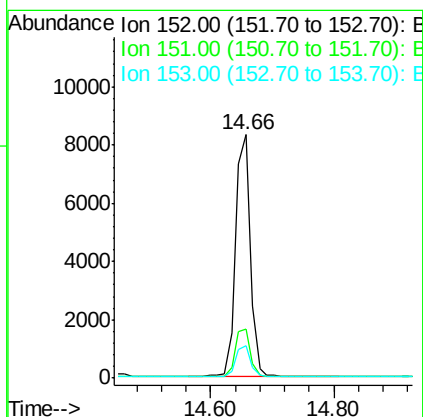
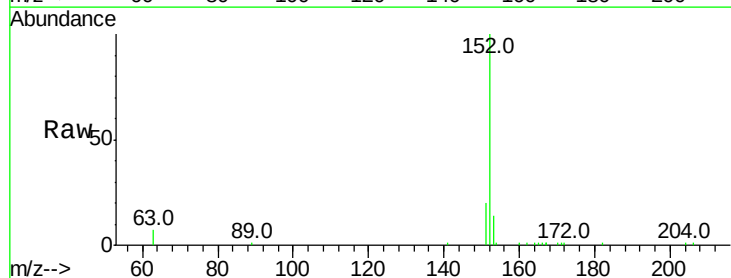
Instrument :
BNA_E
ClientSampleId :

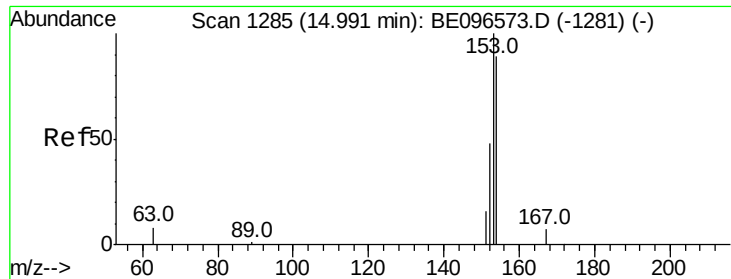
Tot Ion:172 Resp: 11111
Ion Ratio Lower Upper
172 100
171 35.6 29.9 44.9
170 22.9 21.8 32.8



#16
Acenaphthylene
Concen: 1.656 ng
RT: 14.66 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BE096575.D
Acq: 15 May 2018 11:36

Tgt Ion:152 Resp: 14030
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 1.637 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

Instrument :

BNA_E

ClientSampleId :

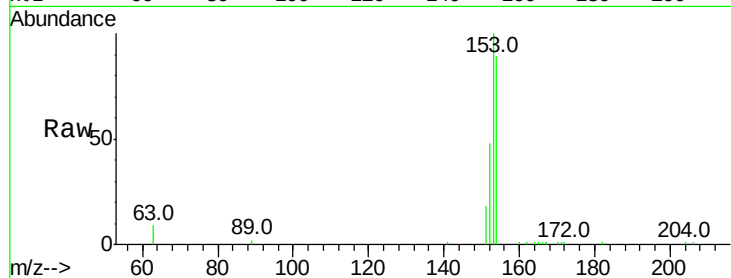
Tot Ion:154 Resp: 8334

Ion Ratio Lower Upper

154 100

153 117.9 89.2 133.8

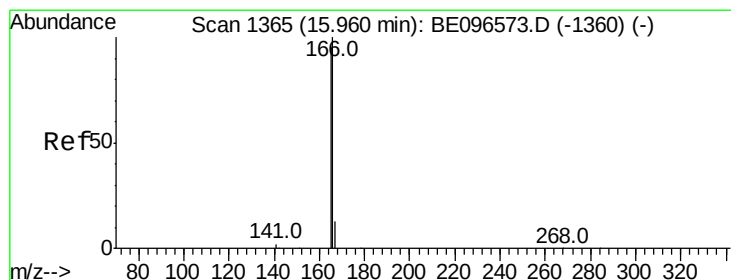
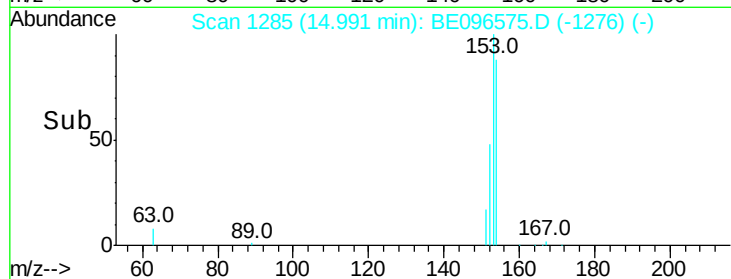
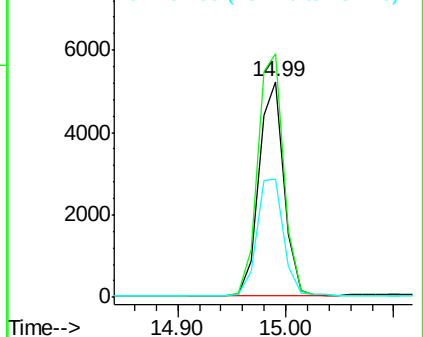
152 58.1 42.0 63.0



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: 1.686 ng

RT: 15.96 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

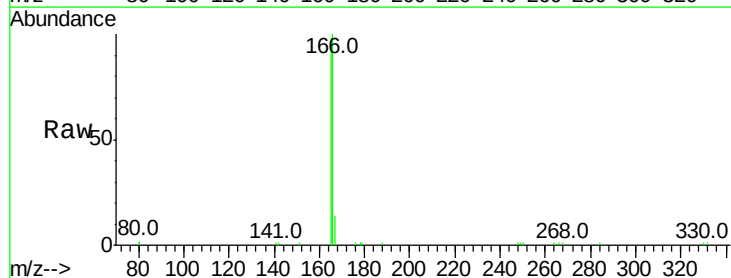
Tgt Ion:166 Resp: 10626

Ion Ratio Lower Upper

166 100

165 100.3 77.8 116.6

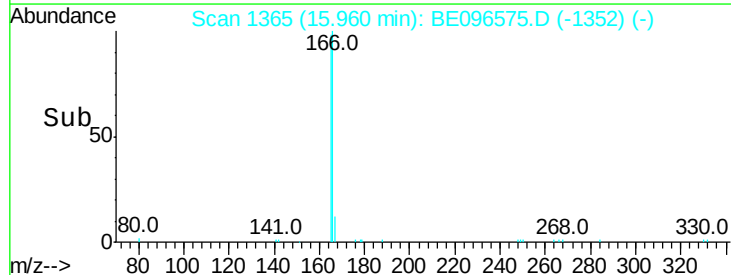
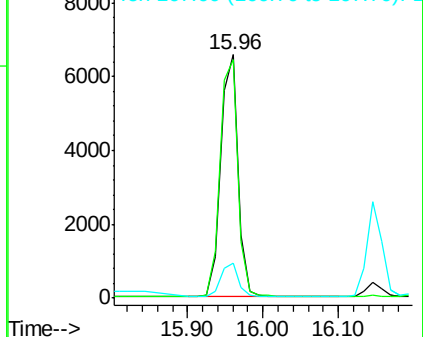
167 13.5 42.4 63.6#

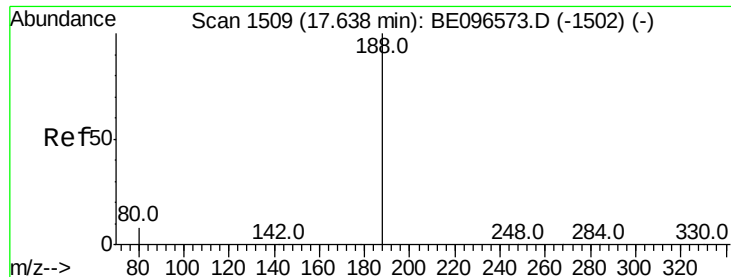


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.64 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

Instrument :

BNA_E

ClientSampleId :

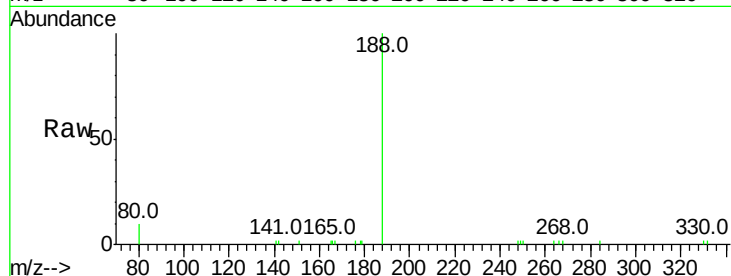
Tot Ion:188 Resp: 3602

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

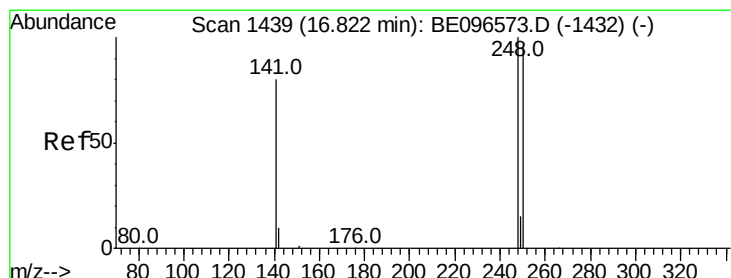
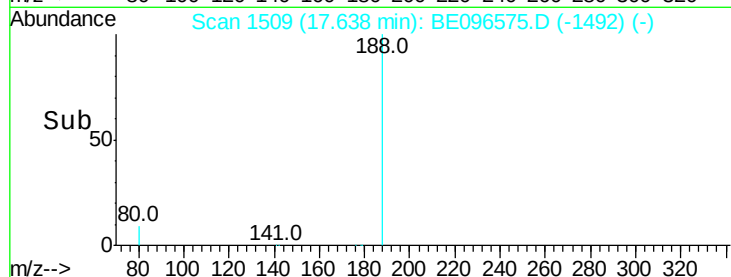
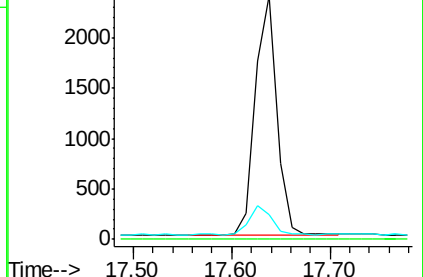
80 10.4 3.6 5.4#



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: 1.732 ng

RT: 16.82 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

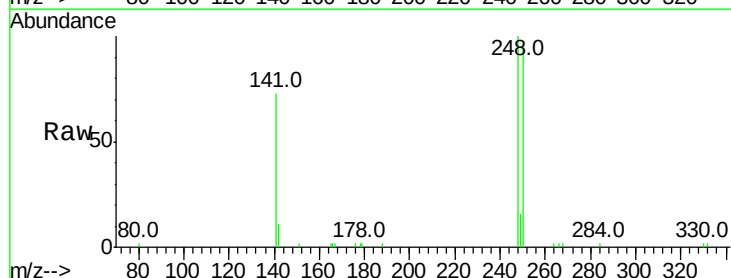
Tgt Ion:248 Resp: 3707

Ion Ratio Lower Upper

248 100

250 96.5 62.7 94.1#

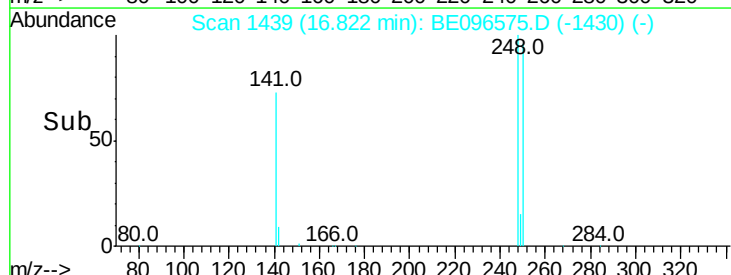
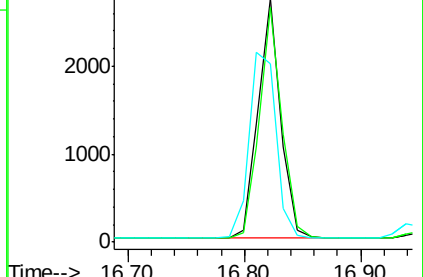
141 73.2 48.2 72.2#

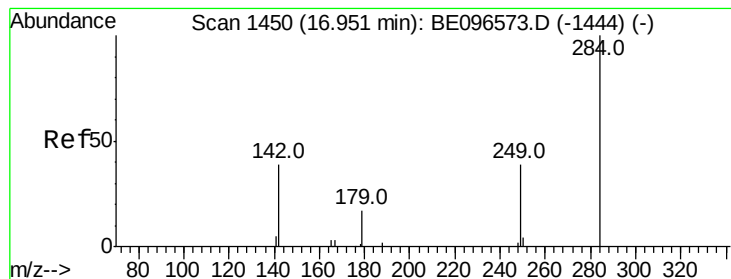


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.733 ng

RT: 16.95 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

Instrument :

BNA_E

ClientSampleId :

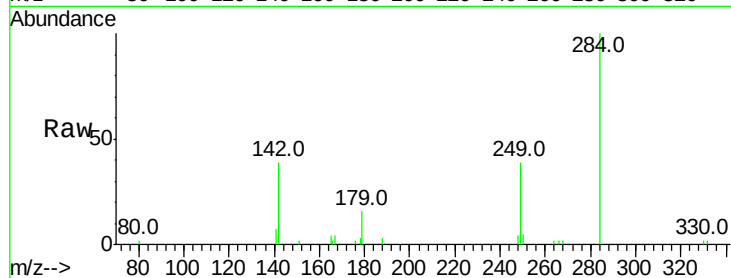
Tot Ion:284 Resp: 3695

Ion Ratio Lower Upper

284 100

142 45.5 22.1 33.1#

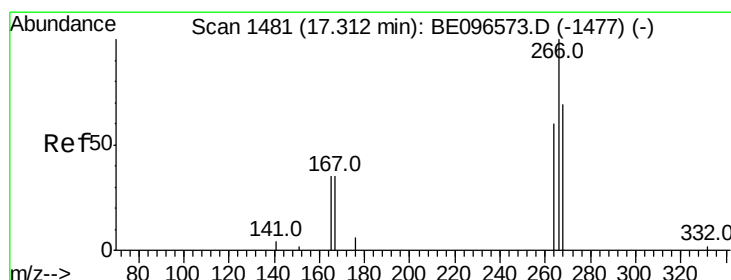
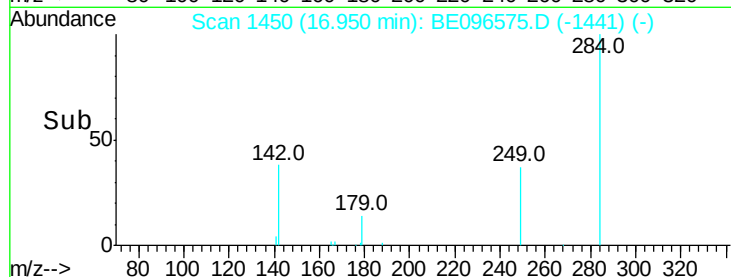
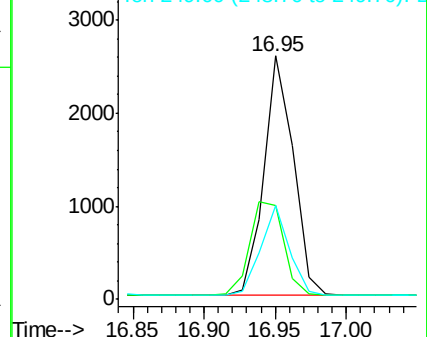
249 35.9 34.8 52.2



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: 1.351 ng

RT: 17.30 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

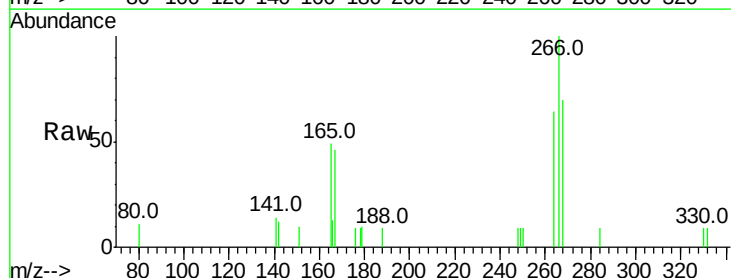
Tgt Ion:266 Resp: 948

Ion Ratio Lower Upper

266 100

264 63.7 72.5 108.7#

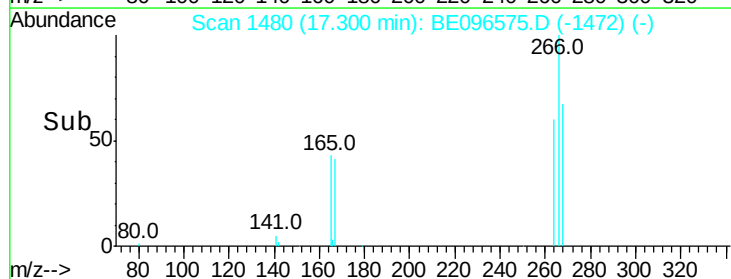
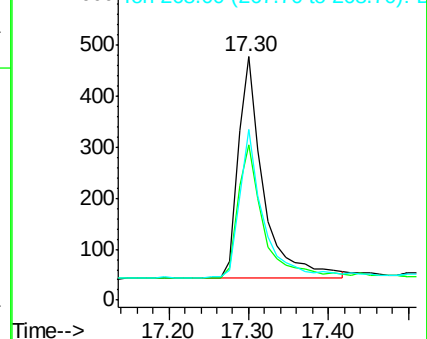
268 70.2 73.8 110.6#

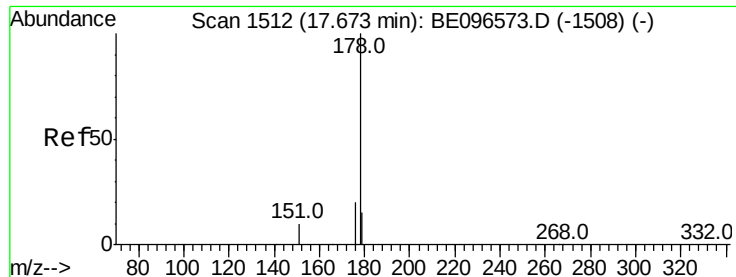


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.671 ng

RT: 17.67 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

Instrument :

BNA_E

ClientSampleId :

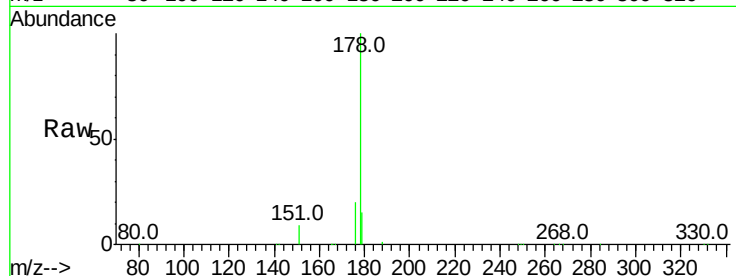
Tot Ion:178 Resp: 16905

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

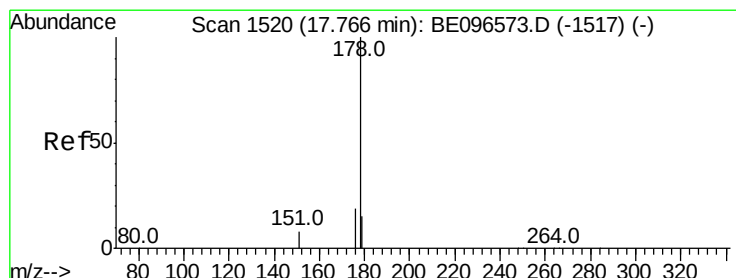
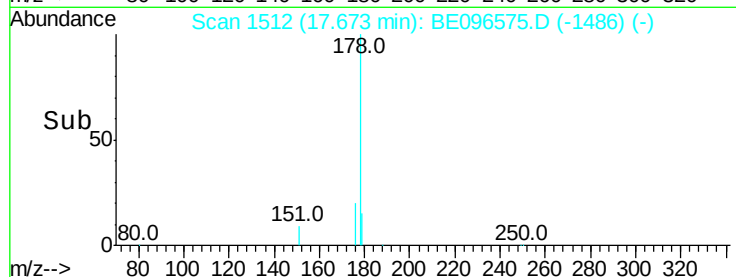
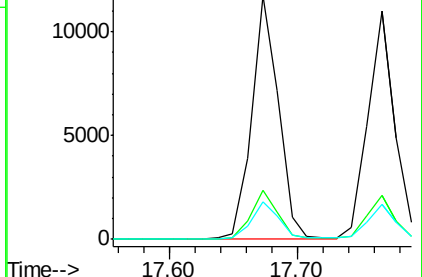
179 15.1 11.8 17.6



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

Anthracene

Concen: 1.635 ng

RT: 17.77 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

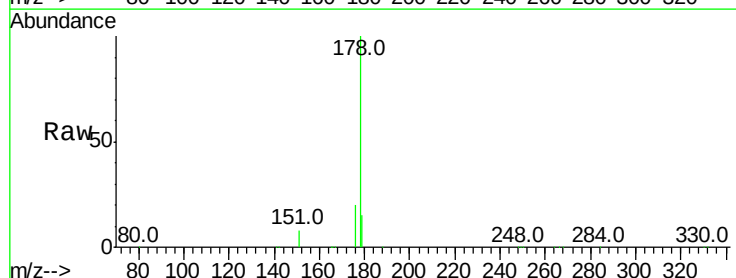
Tgt Ion:178 Resp: 15808

Ion Ratio Lower Upper

178 100

176 19.1 12.8 19.2

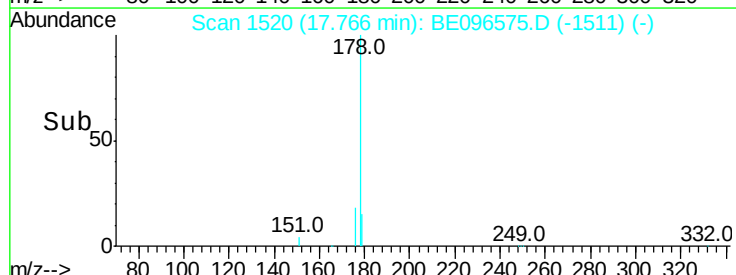
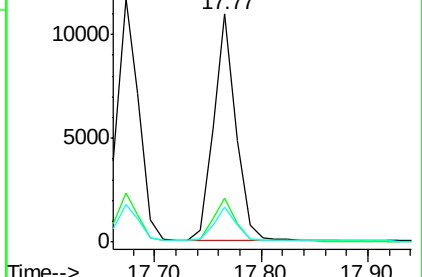
179 15.2 13.0 19.6

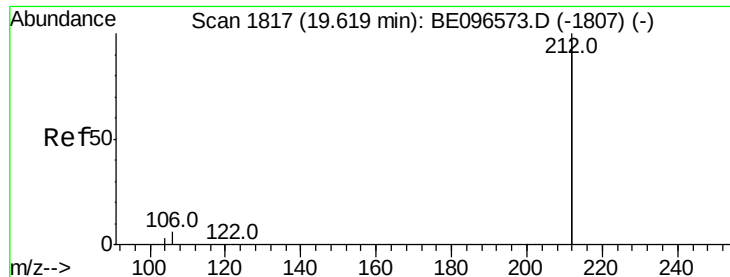


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

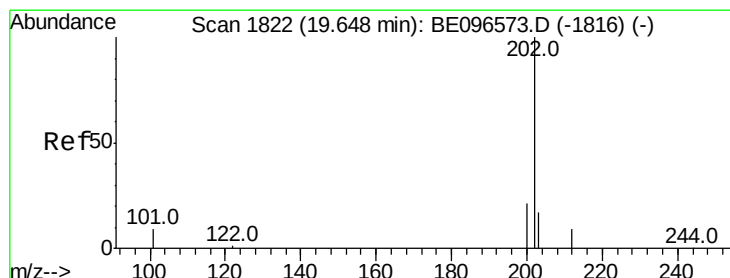
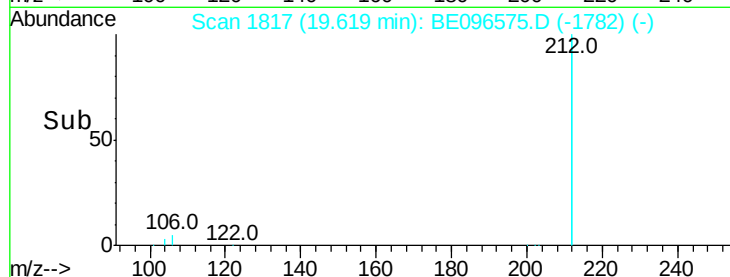
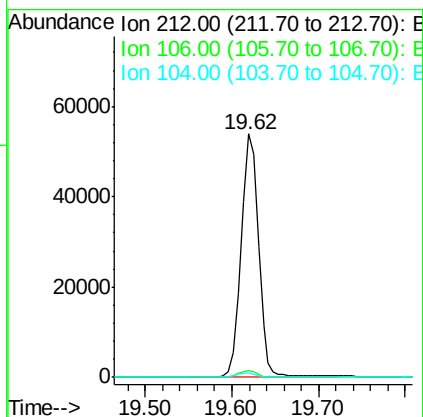
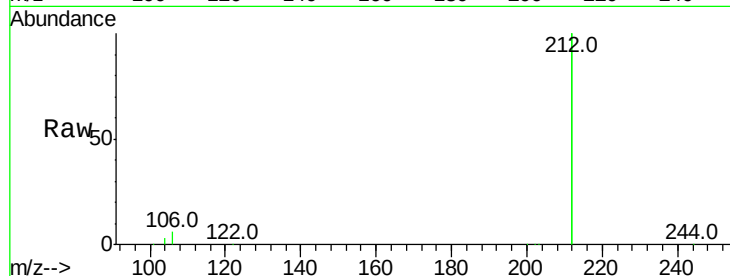




#25
Fluoranthene-d10
Concen: 1.503 ng
RT: 19.62 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BE096575.D
Acq: 15 May 2018 11:36

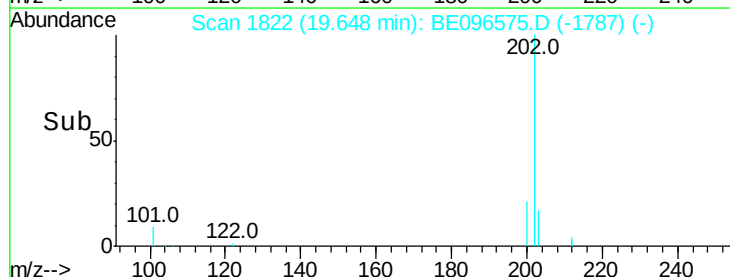
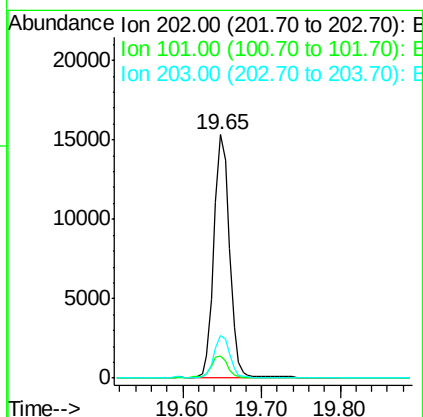
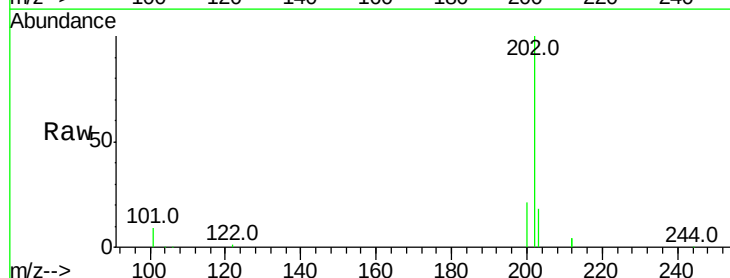
Instrument :
BNA_E
ClientSampleId :

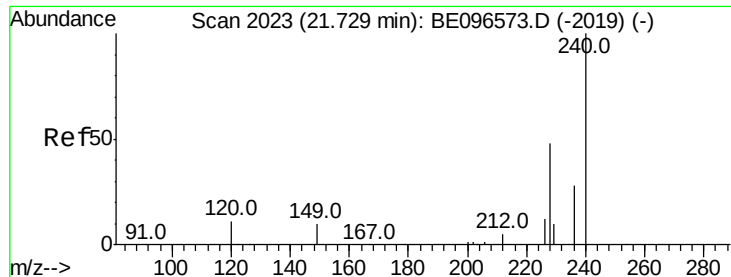
Tot Ion:212 Resp: 73520
Ion Ratio Lower Upper
212 100
106 2.7 2.8 4.2#
104 1.6 1.6 2.4#



#26
Fluoranthene
Concen: 1.544 ng
RT: 19.65 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE096575.D
Acq: 15 May 2018 11:36

Tgt Ion:202 Resp: 20535
Ion Ratio Lower Upper
202 100
101 9.3 9.8 14.8#
203 17.2 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.73 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

Instrument :

BNA_E

ClientSampleId :

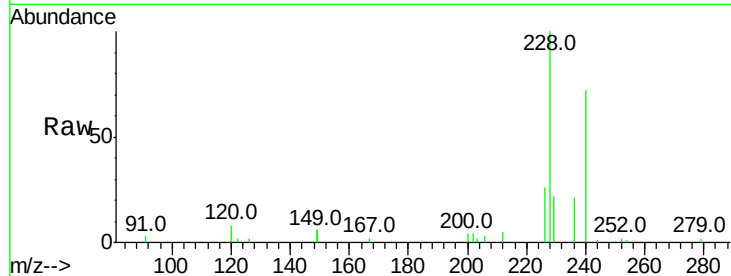
Tot Ion:240 Resp: 3551

Ion Ratio Lower Upper

240 100

120 11.2 5.5 8.3#

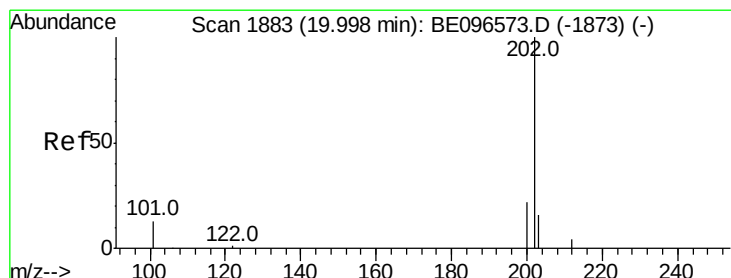
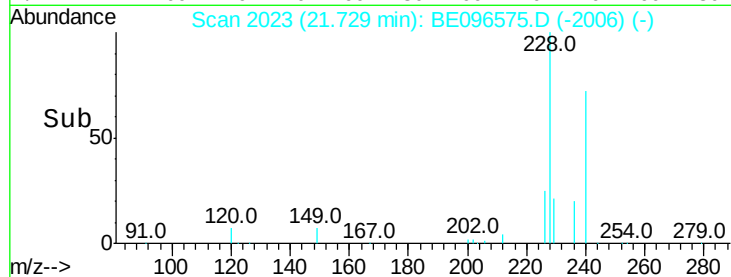
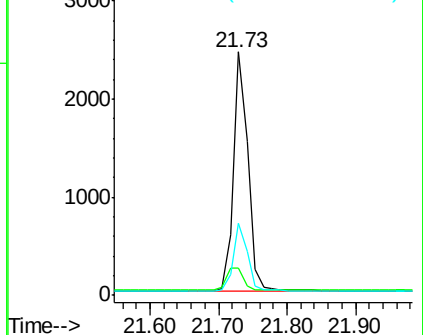
236 29.6 20.7 31.1



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: 1.648 ng

RT: 20.00 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

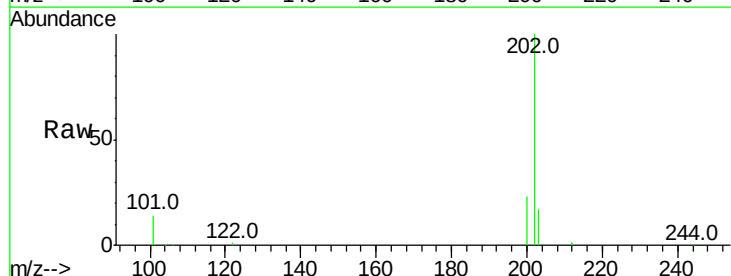
Tgt Ion:202 Resp: 11524

Ion Ratio Lower Upper

202 100

200 22.7 16.6 25.0

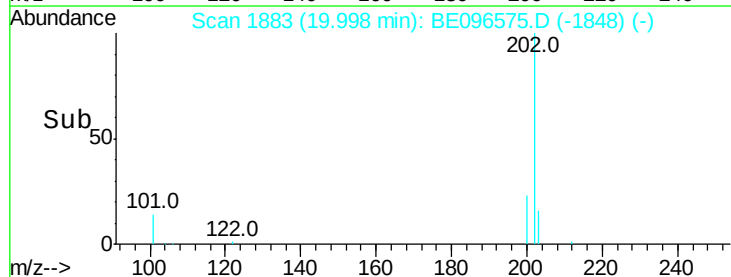
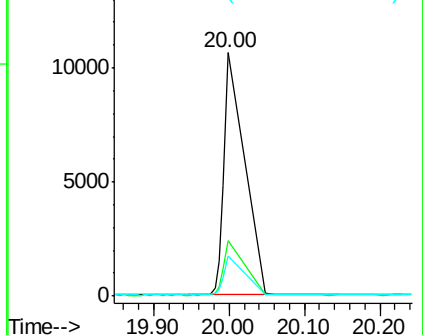
203 16.7 13.8 20.8

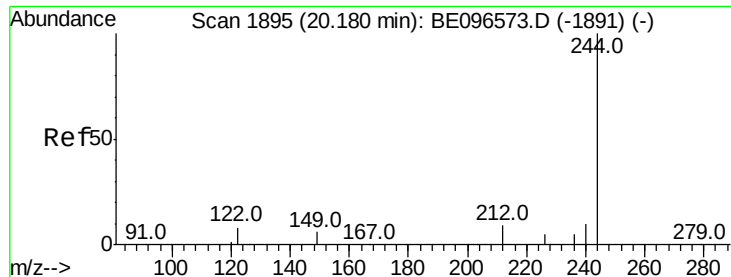


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.684 ng

RT: 20.18 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

Instrument :

BNA_E

ClientSampleId :

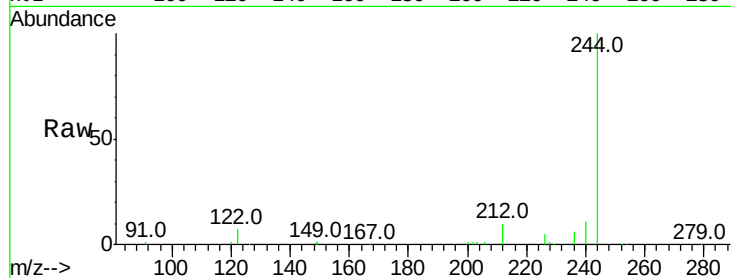
Tot Ion:244 Resp: 13215

Ion Ratio Lower Upper

244 100

212 9.5 25.4 38.0#

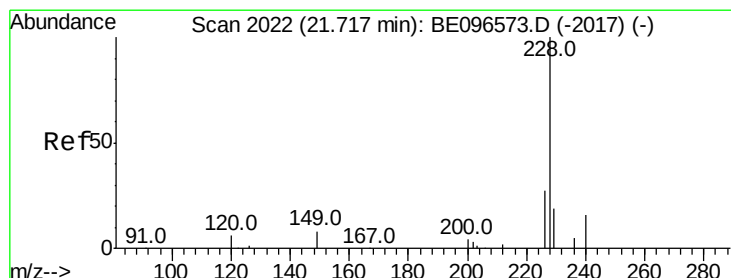
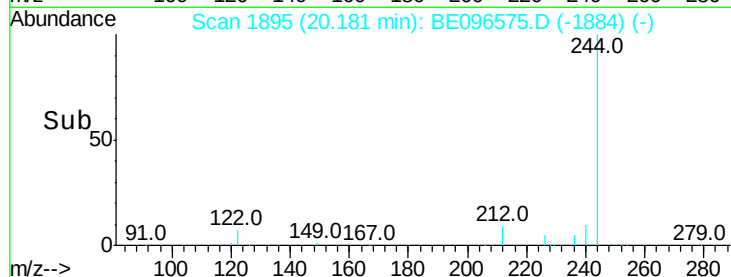
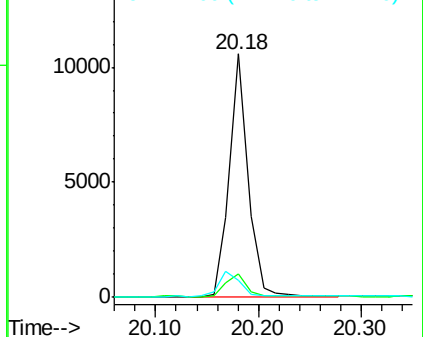
122 7.1 8.1 12.1#



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: 1.606 ng

RT: 21.72 min Scan# 222

Delta R.T. 0.00 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

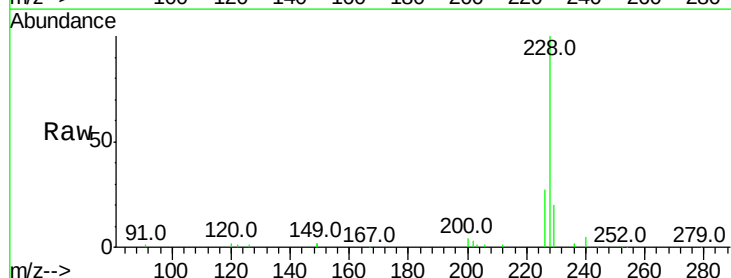
Tgt Ion:228 Resp: 18285

Ion Ratio Lower Upper

228 100

226 26.8 24.0 36.0

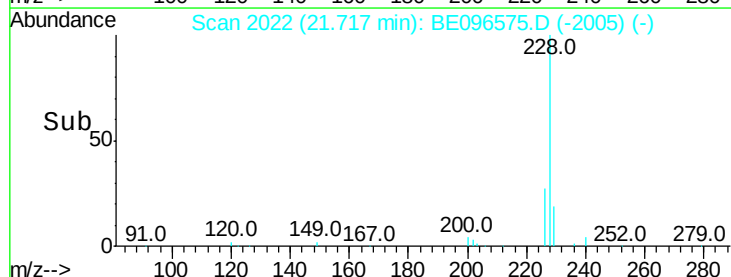
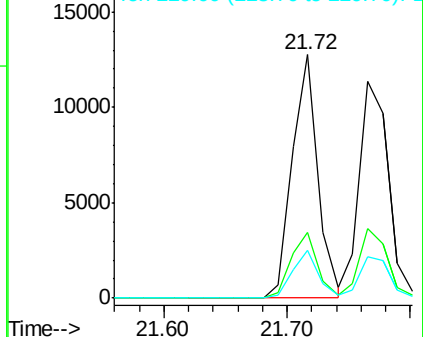
229 19.6 16.0 24.0

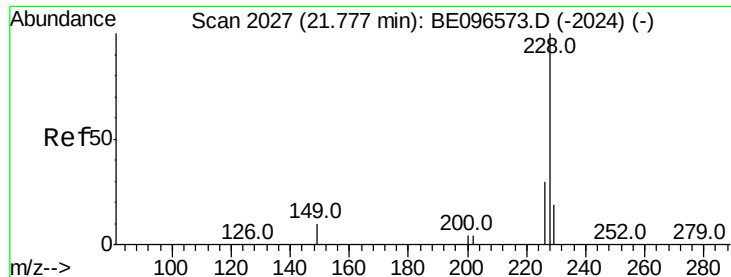


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.665 ng

RT: 21.77 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

Instrument :

BNA_E

ClientSampleId :

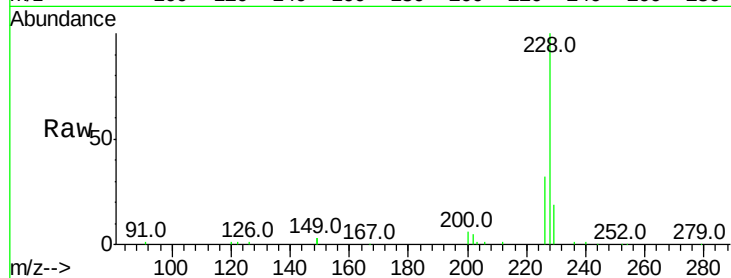
Tot Ion:228 Resp: 18317

Ion Ratio Lower Upper

228 100

226 31.9 24.0 36.0

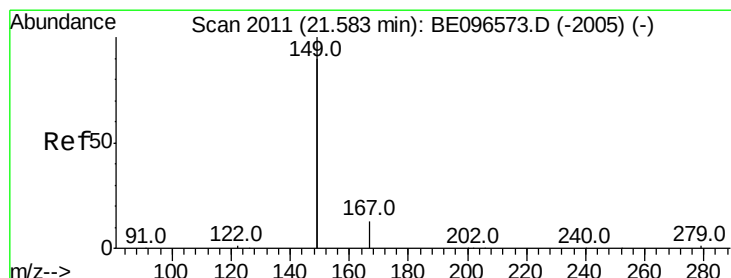
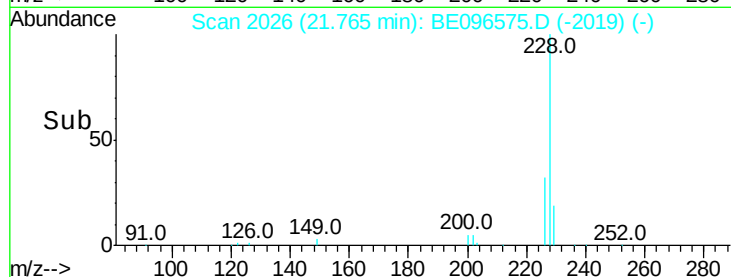
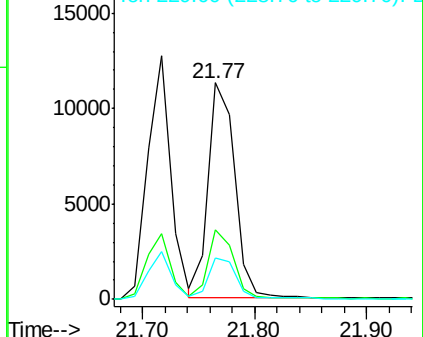
229 19.2 16.0 24.0



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: 1.289 ng

RT: 21.58 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

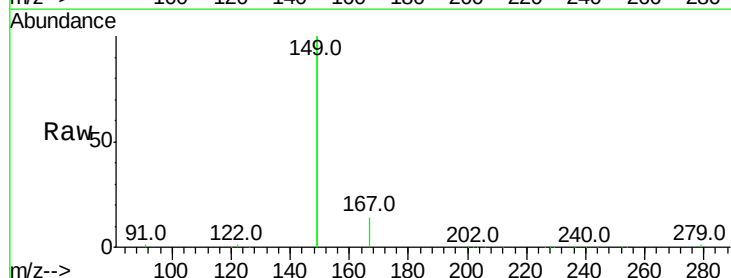
Tgt Ion:149 Resp: 37880

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

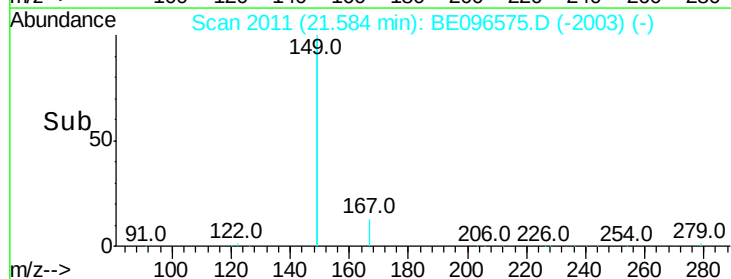
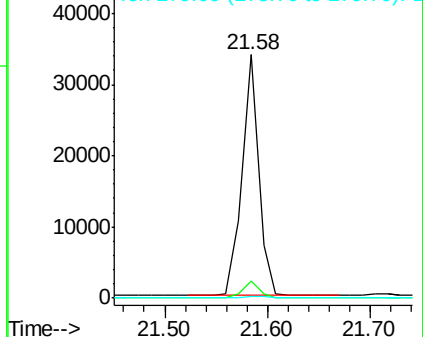
279 0.8 0.7 1.1

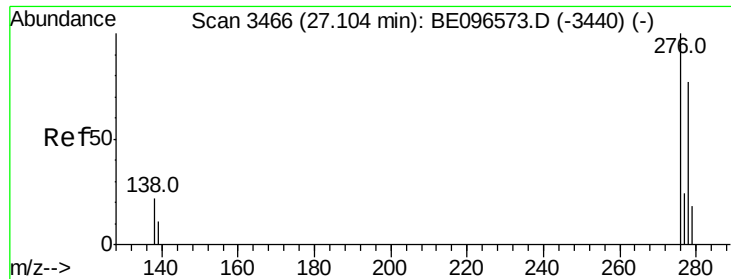


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.683 ng

RT: 27.10 min Scan# 3464

Delta R.T. -0.01 min

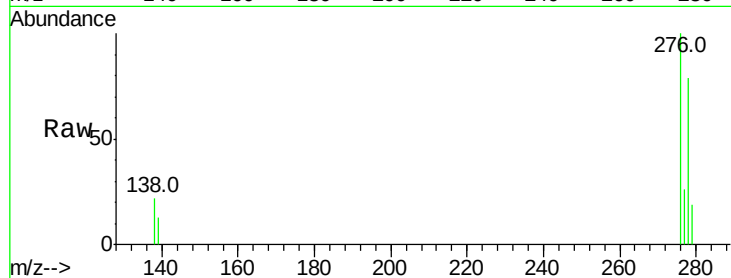
Lab File: BE096575.D

Acq: 15 May 2018 11:36

Instrument :

BNA_E

ClientSampleId :



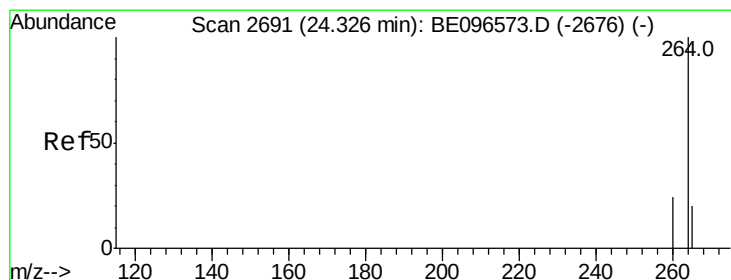
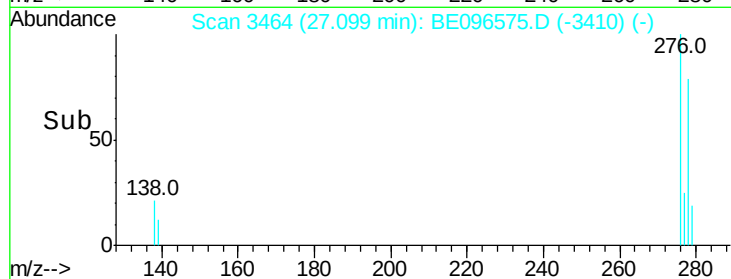
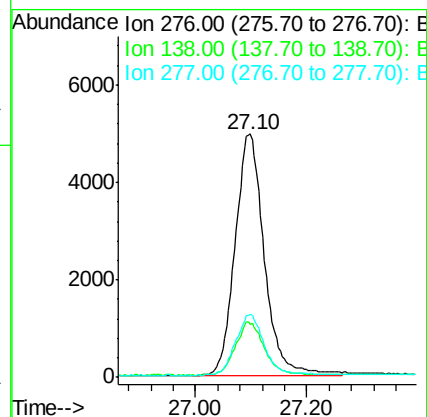
Tot Ion:276 Resp: 17951

Ion Ratio Lower Upper

276 100

138 22.0 22.5 33.7#

277 24.5 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.33 min Scan# 2692

Delta R.T. 0.00 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

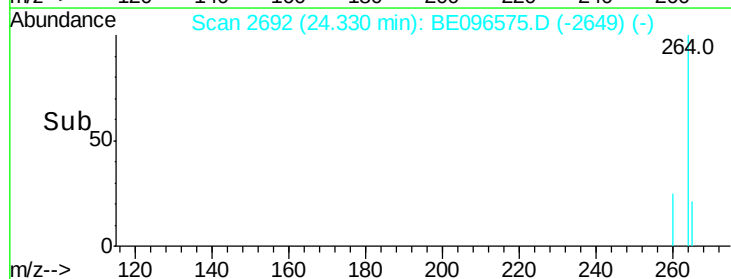
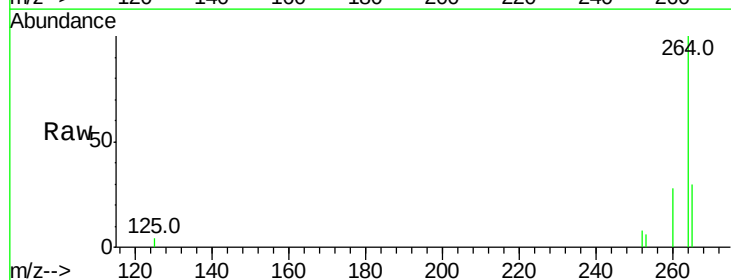
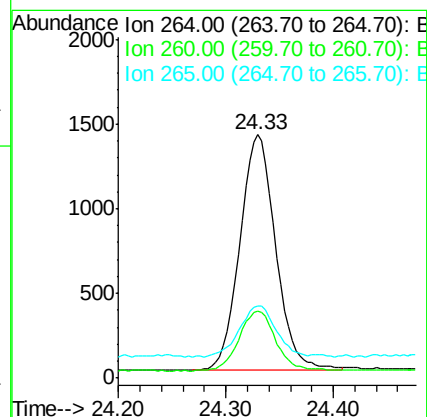
Tgt Ion:264 Resp: 3215

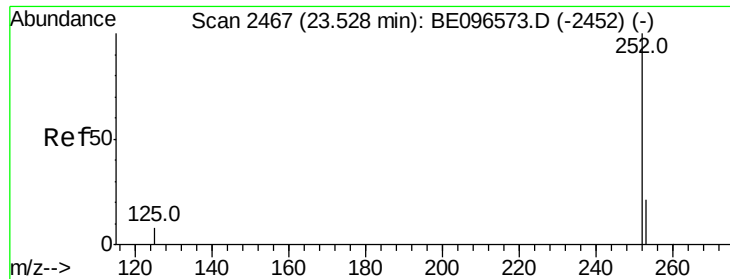
Ion Ratio Lower Upper

264 100

260 27.7 20.5 30.7

265 29.5 22.8 34.2

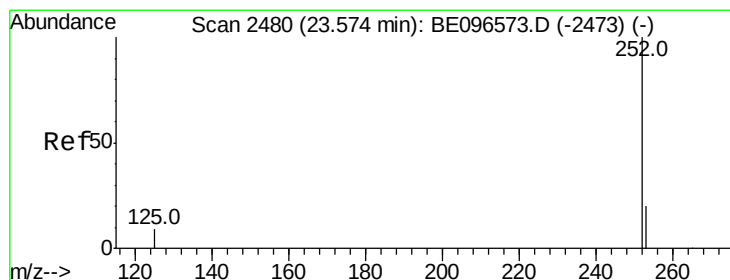
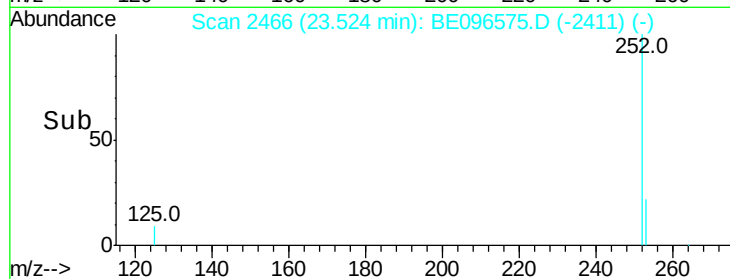
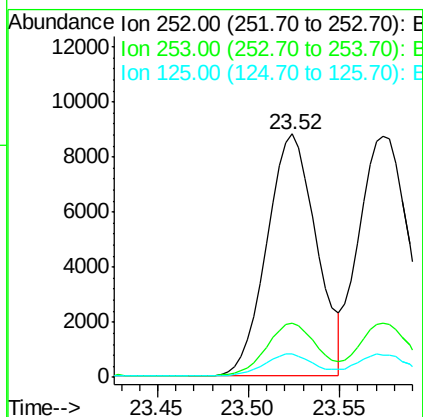
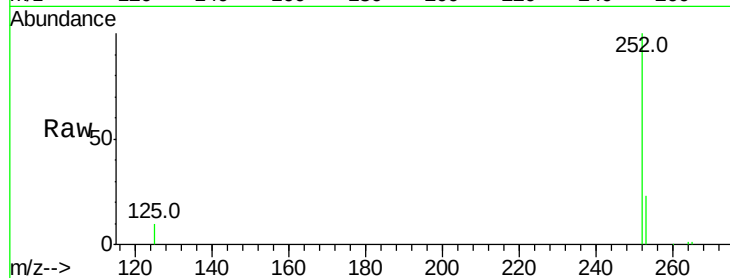




#35
Benzo(b)fluoranthene
Concen: 1.721 ng
RT: 23.52 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BE096575.D
Acq: 15 May 2018 11:36

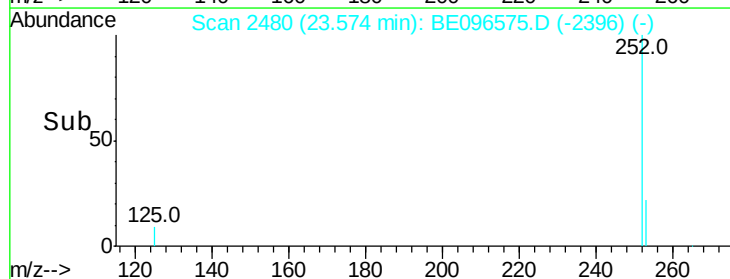
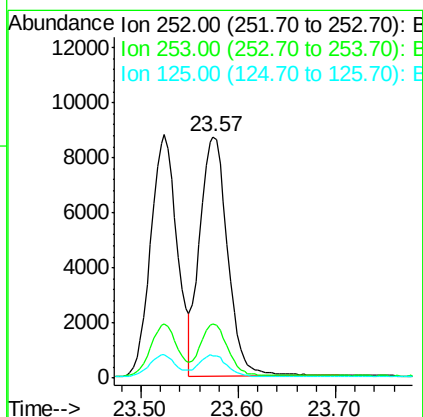
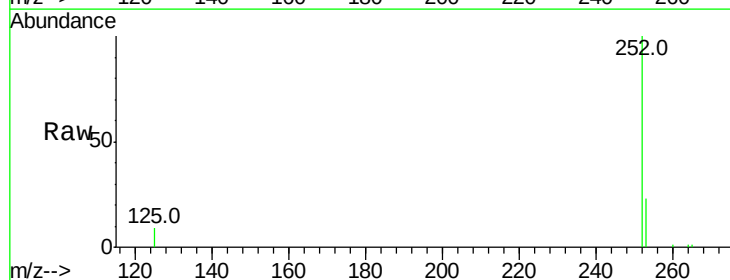
Instrument :
BNA_E
ClientSampleId :

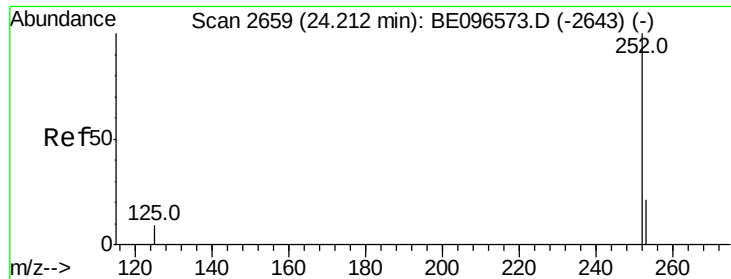
Tot Ion:252 Resp: 16595
Ion Ratio Lower Upper
252 100
253 22.5 20.0 30.0
125 9.7 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 1.737 ng
RT: 23.57 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BE096575.D
Acq: 15 May 2018 11:36

Tgt Ion:252 Resp: 17235
Ion Ratio Lower Upper
252 100
253 22.5 16.0 24.0
125 9.3 8.0 12.0





#37

Benzo(a)pyrene

Concen: 1.693 ng

RT: 24.21 min Scan# 2658

Delta R.T. -0.00 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

Instrument :

BNA_E

ClientSampleId :

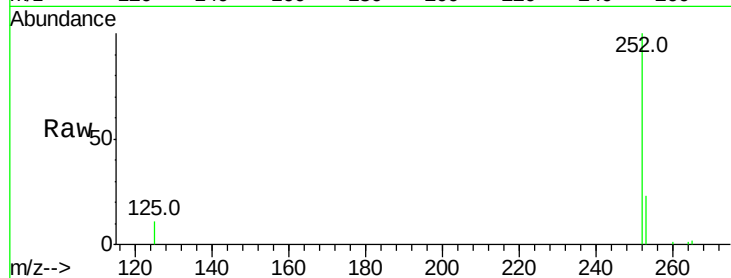
Tot Ion:252 Resp: 15693

Ion Ratio Lower Upper

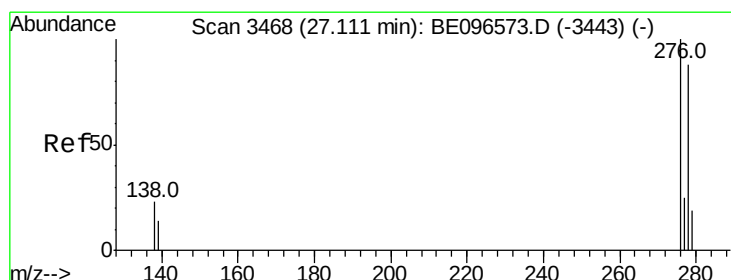
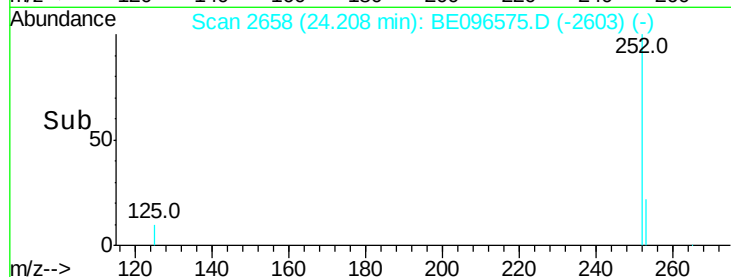
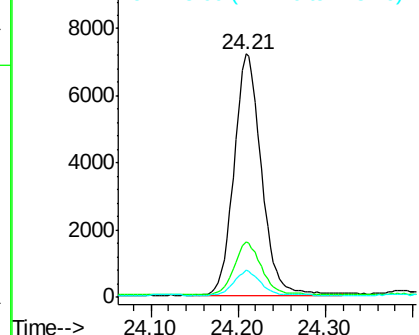
252 100

253 22.6 16.0 24.0

125 11.1 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: 1.776 ng

RT: 27.11 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BE096575.D

Acq: 15 May 2018 11:36

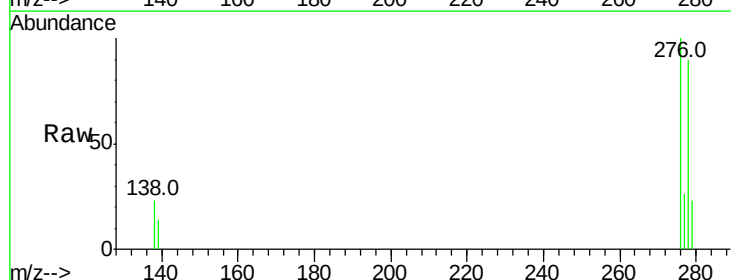
Tgt Ion:278 Resp: 14515

Ion Ratio Lower Upper

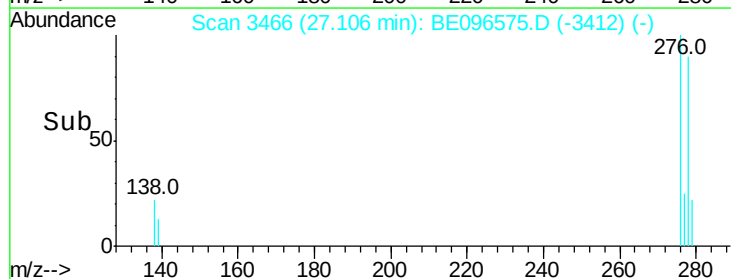
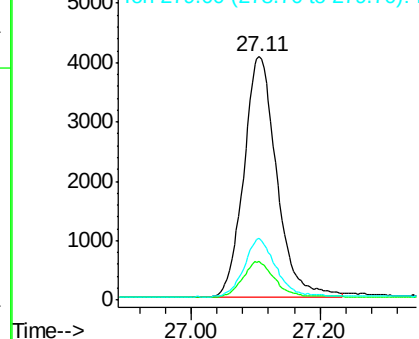
278 100

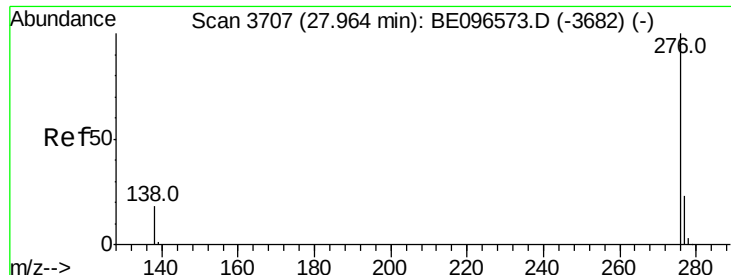
139 16.0 16.0 24.0#

279 25.4 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: 1.732 ng

RT: 27.96 min Scan# 3705

Delta R.T. -0.01 min

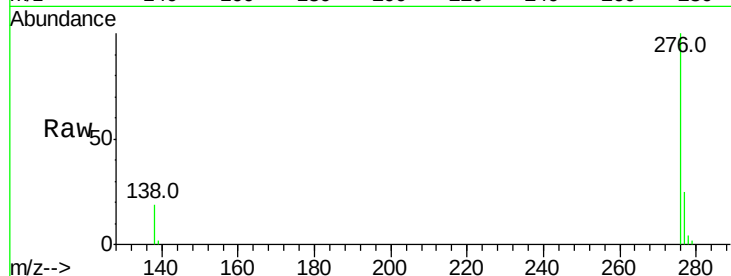
Lab File: BE096575.D

Acq: 15 May 2018 11:36

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 14975

Ion Ratio Lower Upper

276 100

277 24.7 16.0 24.0#

138 19.3 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

