

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
 Data File : BE096938.D
 Acq On : 16 Jul 2018 14:16
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 17 16:41:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 15:02:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2211	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	11819	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	6360	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	14817	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	12812	0.40	ng	0.00
34) Perylene-d12	23.21	264	10685	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	3833	0.72	ng	0.00
5) Phenol-d6	6.59	99	5862	0.73	ng	0.00
8) Nitrobenzene-d5	8.53	82	6447	0.75	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	12894	0.75	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	1147	0.73	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	17693	0.75	ng	0.00
25) Fluoranthene-d10	18.81	212	97373	0.76	ng	0.00
29) Terphenyl-d14	19.43	244	18495	0.75	ng	0.00

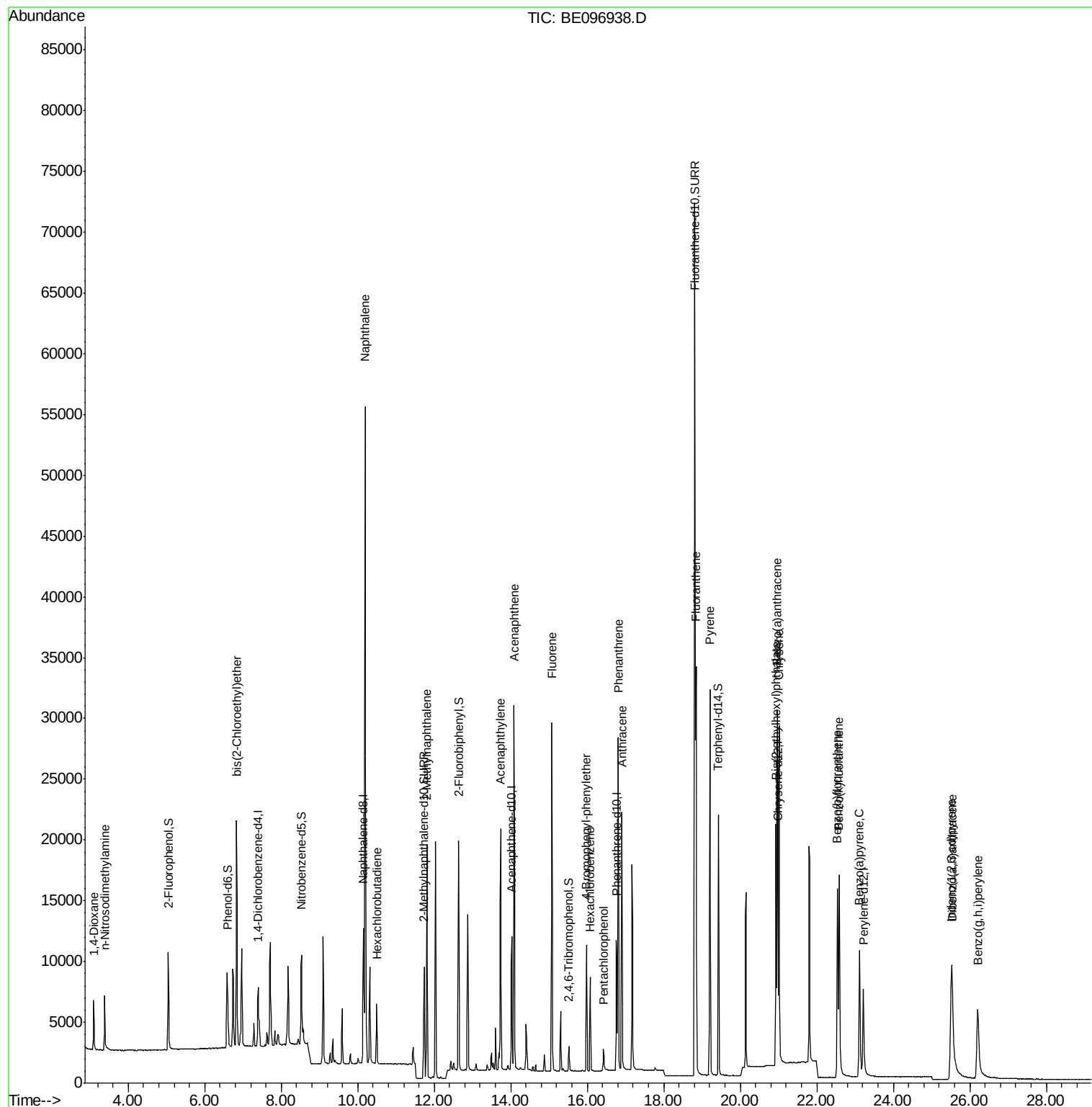
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	2264	0.715	ng	# 85
3) n-Nitrosodimethylamine	3.38	42	2773	0.779	ng	# 89
6) bis(2-Chloroethyl)ether	6.84	93	5921	0.748	ng	97
9) Naphthalene	10.20	128	79946	0.756	ng	99
10) Hexachlorobutadiene	10.50	225	3200	0.748	ng	98
12) 2-Methylnaphthalene	11.81	142	13388	0.746	ng	99
16) Acenaphthylene	13.74	152	21879	0.753	ng	100
17) Acenaphthene	14.08	154	13801	0.764	ng	94
18) Fluorene	15.08	166	15228	0.751	ng	# 80
20) 4-Bromophenyl-phenylether	15.97	248	5169	0.738	ng	# 70
21) Hexachlorobenzene	16.08	284	5737	0.737	ng	# 80
22) Pentachlorophenol	16.43	266	1058	0.796	ng	# 72
23) Phenanthrene	16.81	178	26687	0.752	ng	99
24) Anthracene	16.91	178	23014	0.745	ng	96
26) Fluoranthene	18.84	202	28813	0.770	ng	99
28) Pyrene	19.21	202	27962	0.739	ng	99
30) Benzo(a)anthracene	20.97	228	23264	0.763	ng	96
31) Chrysene	21.02	228	25674	0.750	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	21288	0.699	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	18767	0.753	ng	95
35) Benzo(b)fluoranthene	22.54	252	20852	0.765	ng	# 88
36) Benzo(k)fluoranthene	22.58	252	24372	0.751	ng	97
37) Benzo(a)pyrene	23.11	252	18568	0.699	ng	# 93
38) Dibenzo(a,h)anthracene	25.53	278	15375	0.694	ng	97
39) Benzo(g,h,i)perylene	26.21	276	16930	0.764	ng	# 92

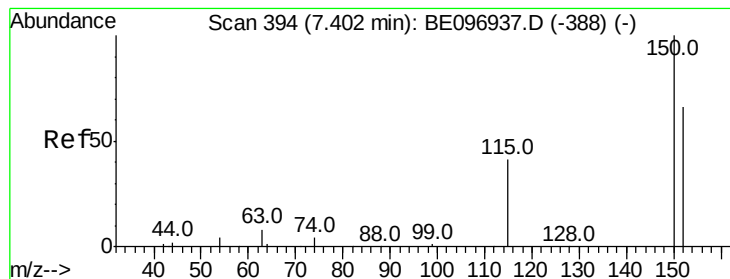
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 394

Delta R.T. -0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

Instrument :

BNA_E

ClientSampleId :

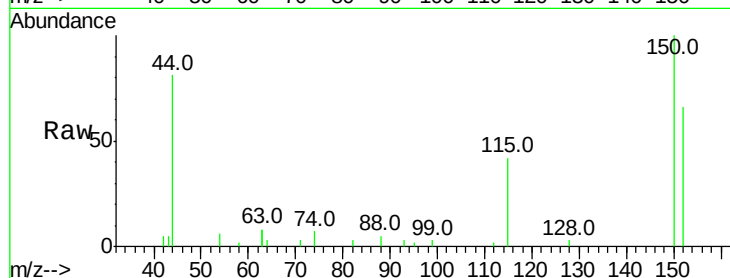
Tot Ion:152 Resp: 2211

Ion Ratio Lower Upper

152 100

150 151.9 117.2 175.8

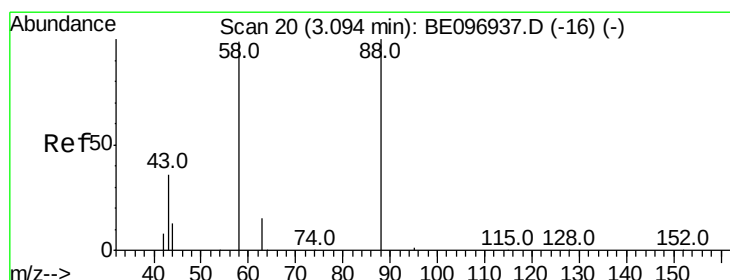
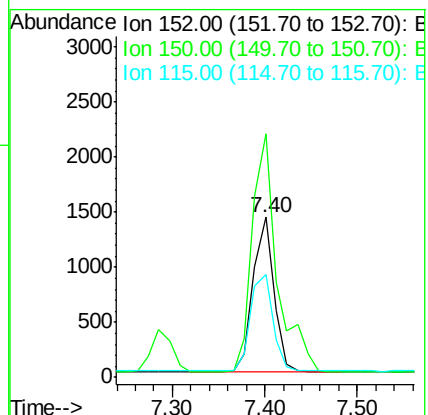
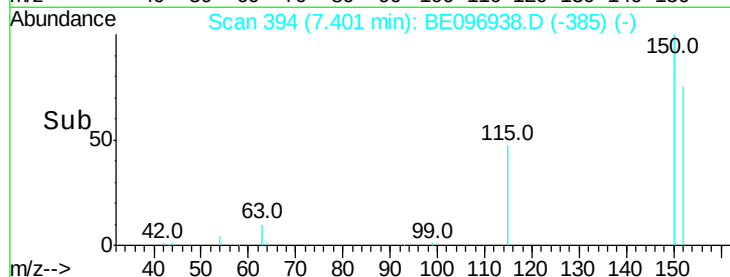
115 64.4 57.0 85.6



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: 0.715 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

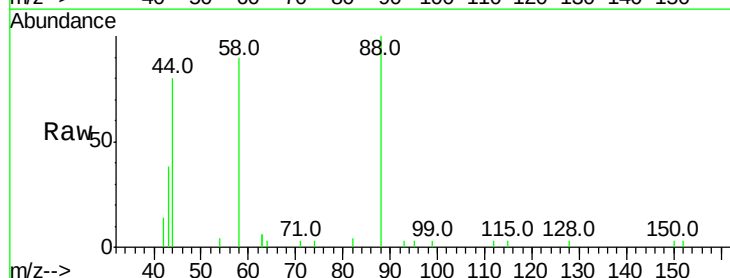
Tgt Ion: 88 Resp: 2264

Ion Ratio Lower Upper

88 100

58 85.2 63.2 94.8

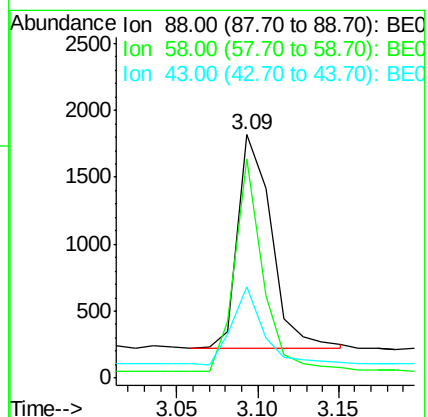
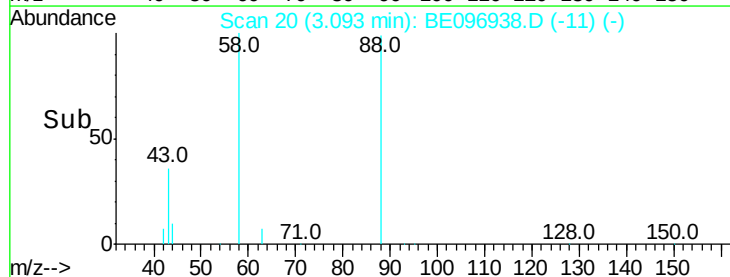
43 33.1 41.2 61.8#

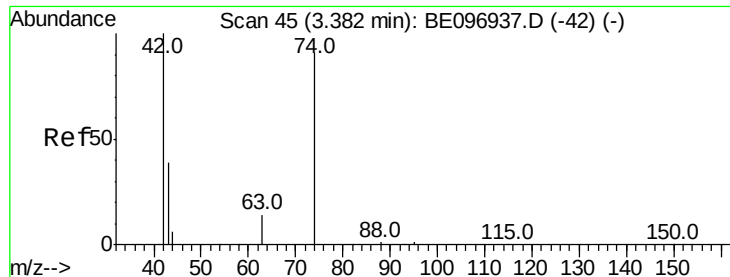


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.779 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

Instrument :

BNA_E

ClientSampleId :

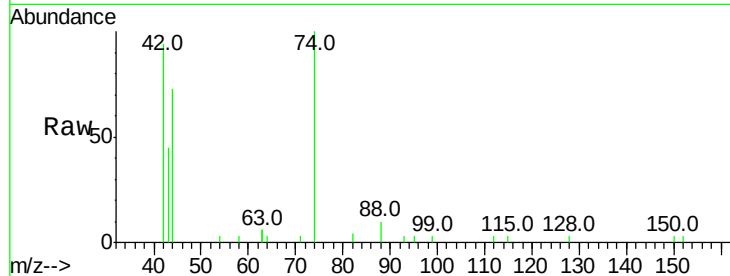
Tot Ion: 42 Resp: 2773

Ion Ratio Lower Upper

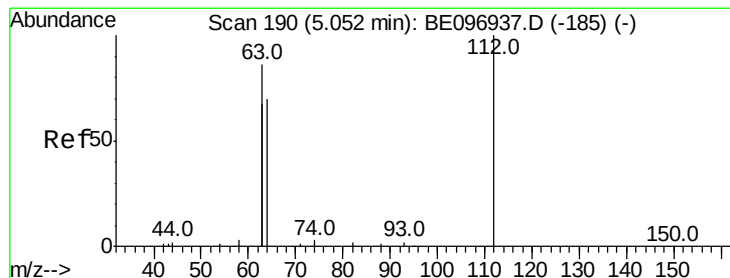
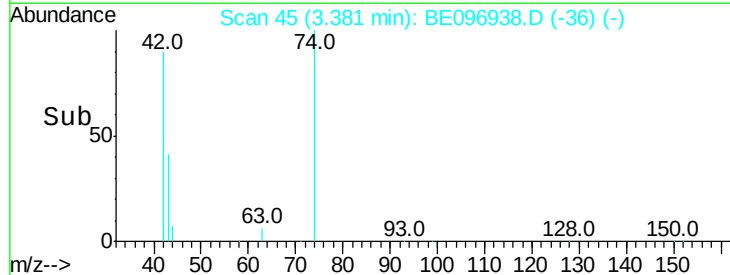
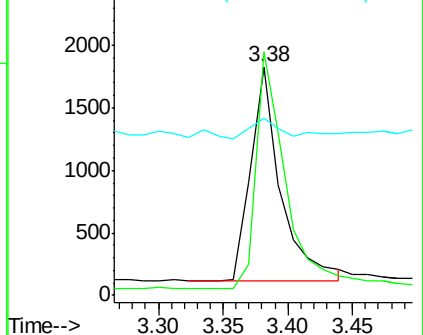
42 100

74 107.3 96.0 144.0

44 10.3 12.0 18.0#



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: 0.725 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

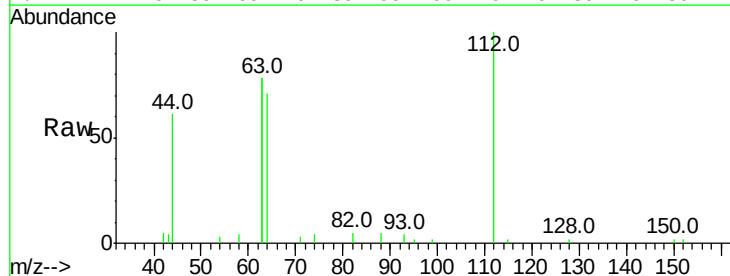
Tgt Ion: 112 Resp: 3833

Ion Ratio Lower Upper

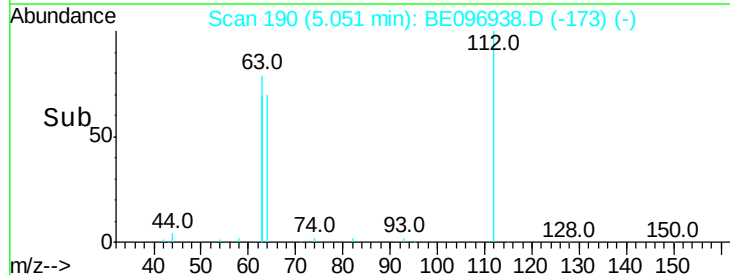
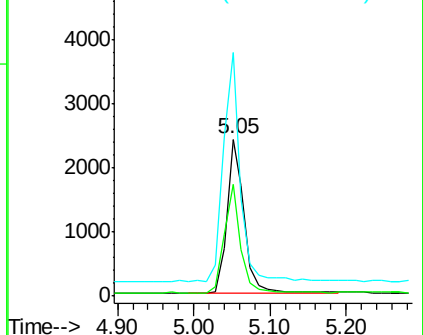
112 100

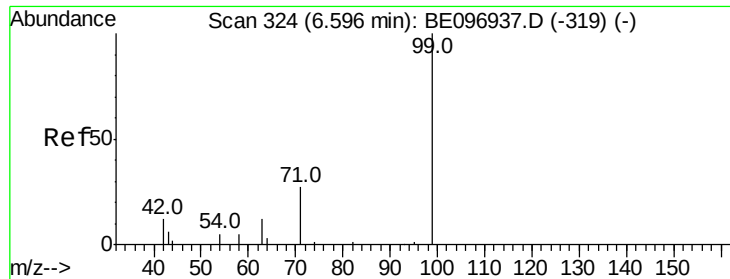
64 67.2 60.1 90.1

63 146.4 116.8 175.2



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: 0.726 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

Instrument :

BNA_E

ClientSampled :

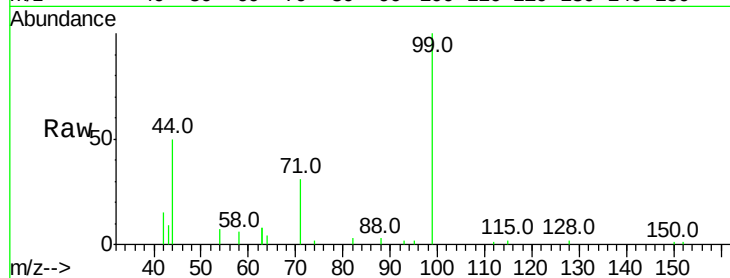
Tot Ion: 99 Resp: 5862

Ion Ratio Lower Upper

99 100

42 23.9 20.2 30.2

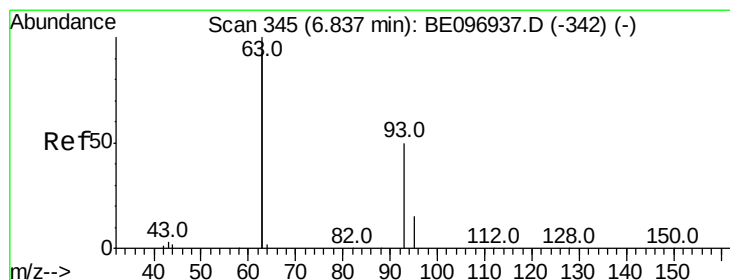
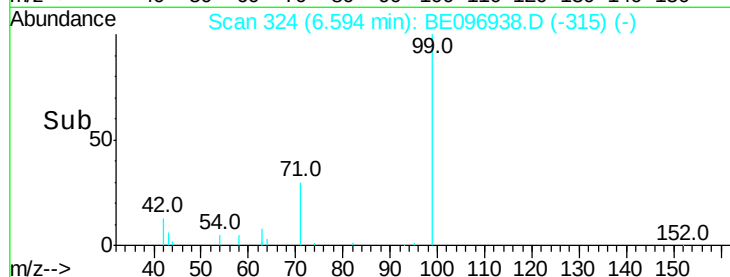
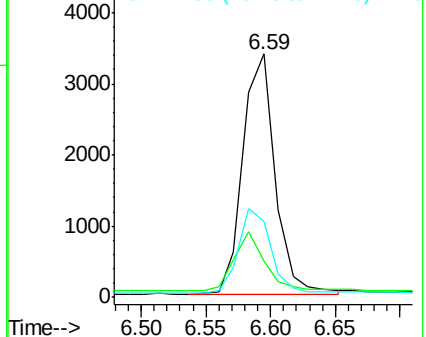
71 35.9 28.4 42.6



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: 0.748 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

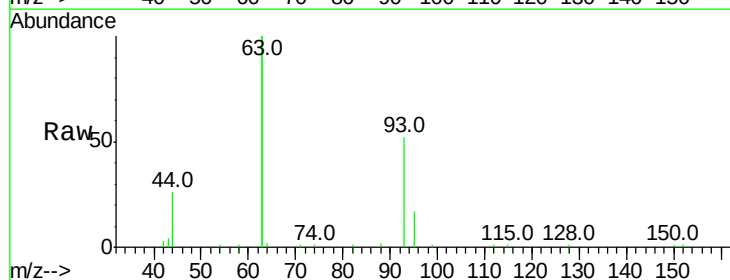
Tgt Ion: 93 Resp: 5921

Ion Ratio Lower Upper

93 100

63 336.9 275.3 412.9

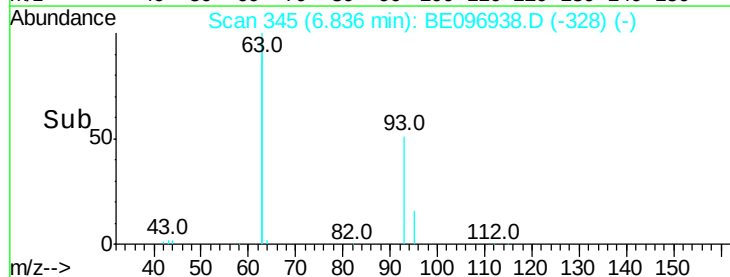
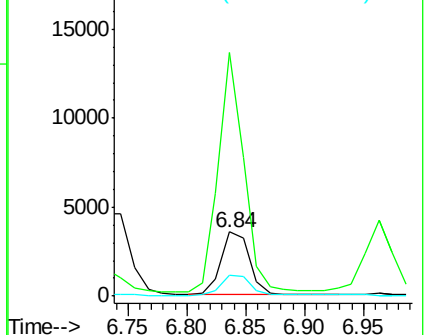
95 32.2 25.2 37.8

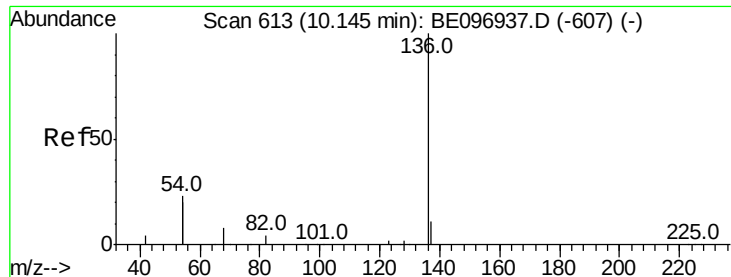


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 11819

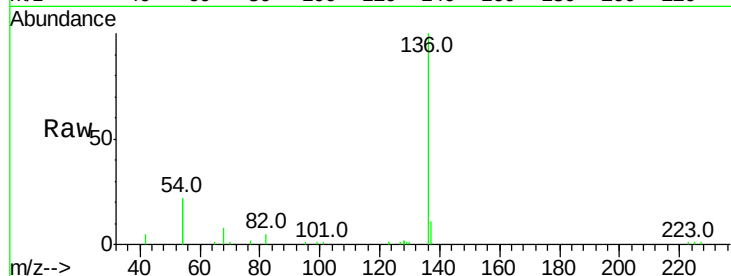
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 44.8 29.1 43.7#

68 8.4 6.2 9.2

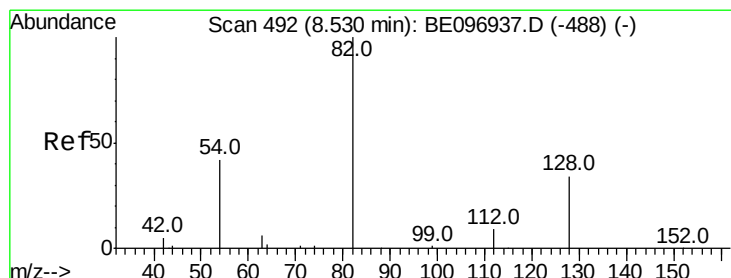
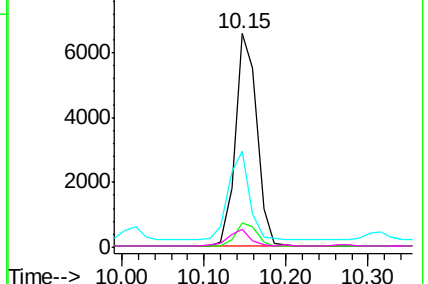
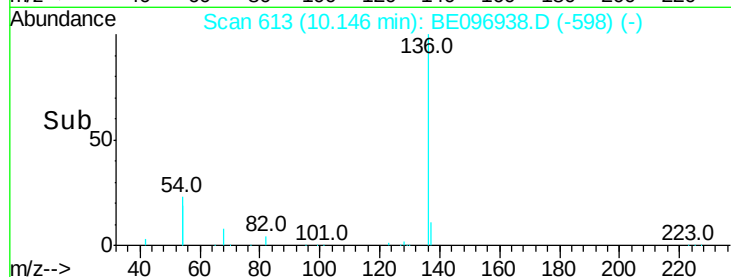


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.748 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

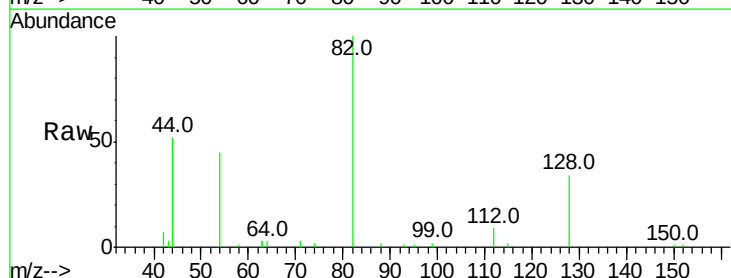
Tgt Ion: 82 Resp: 6447

Ion Ratio Lower Upper

82 100

128 34.4 24.0 36.0

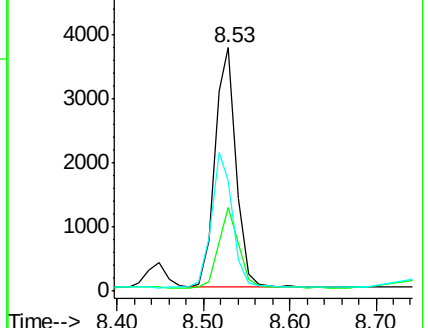
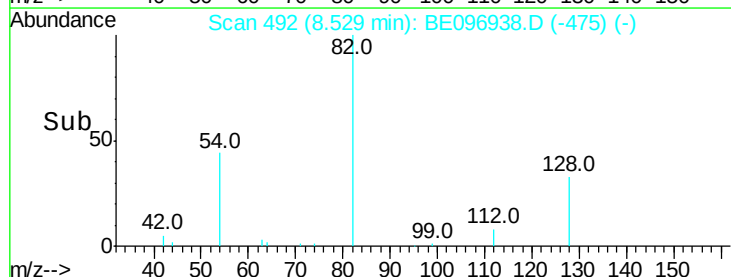
54 45.4 40.0 60.0

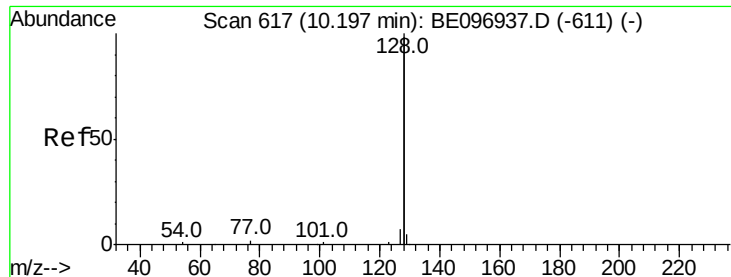


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.756 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

Instrument :

BNA_E

ClientSampleId :

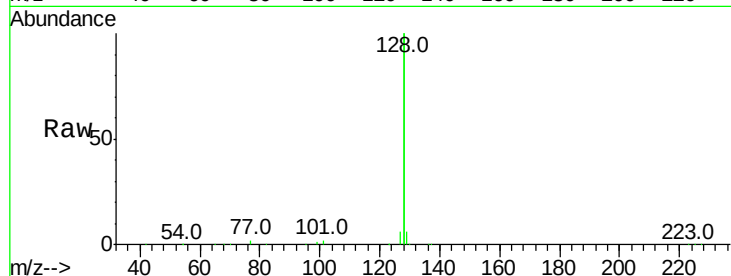
Tot Ion:128 Resp: 79946

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

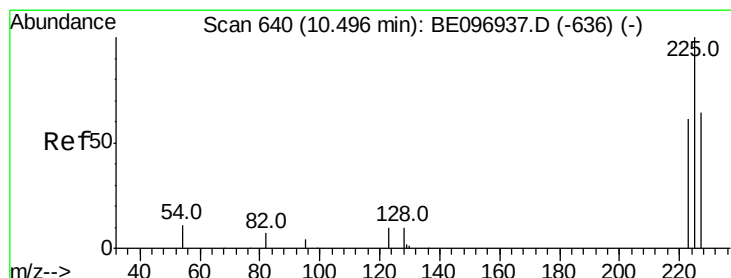
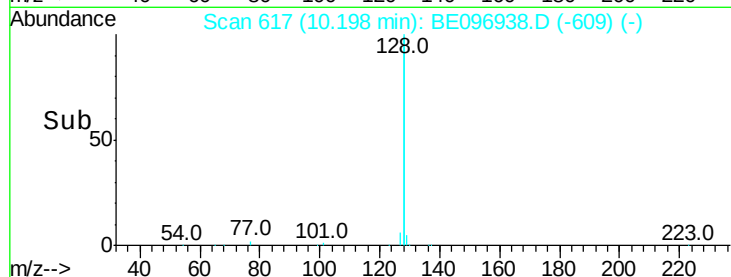
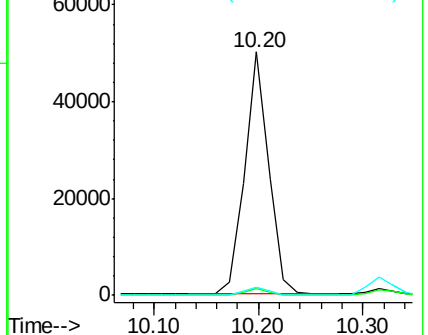
127 3.2 2.8 4.2



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: 0.748 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

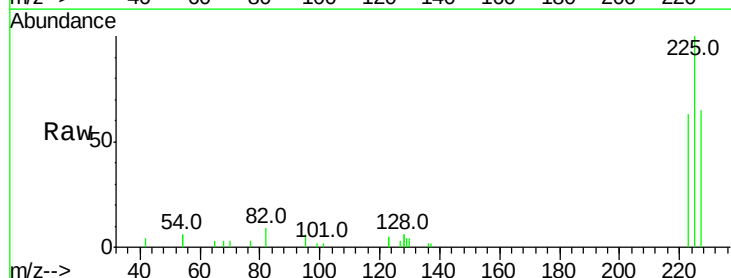
Tgt Ion:225 Resp: 3200

Ion Ratio Lower Upper

225 100

223 62.9 53.0 79.6

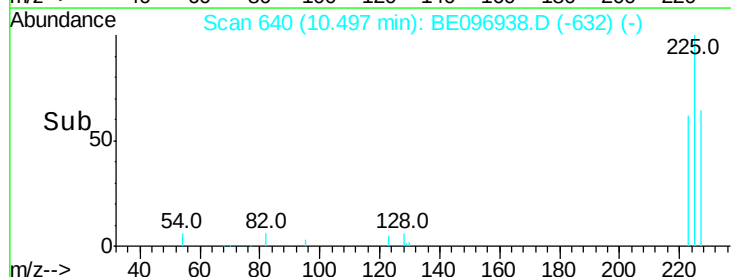
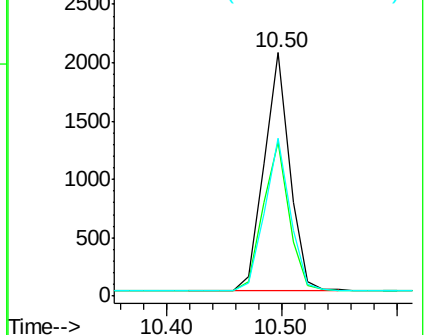
227 64.0 51.4 77.2

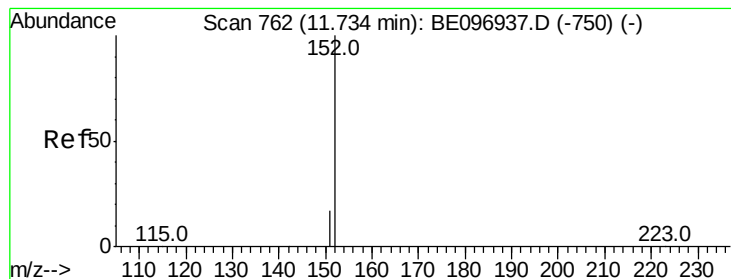


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.749 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

Instrument :

BNA_E

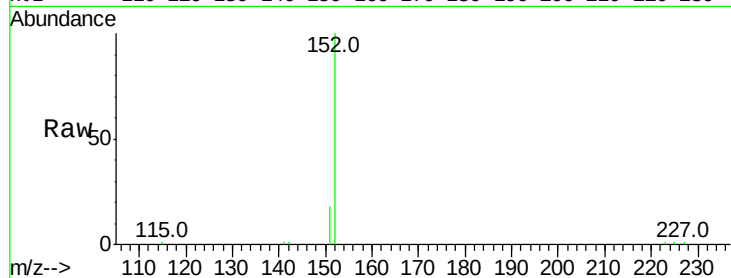
ClientSampleId :

Tot Ion:152 Resp: 12894

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

8000

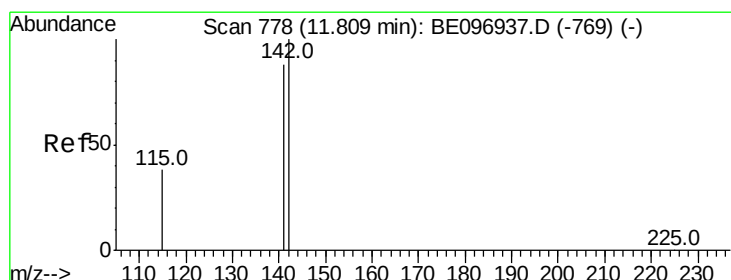
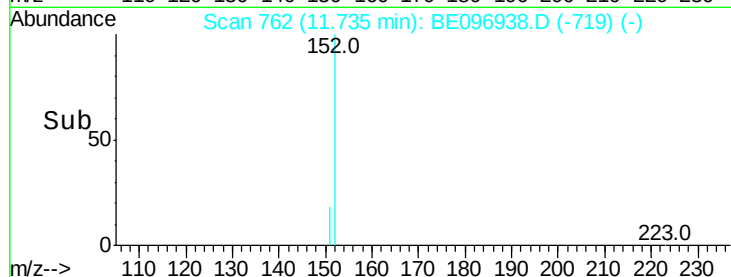
6000

4000

2000

0

Time--> 11.70 11.73 11.80



#12

2-Methylnaphthalene

Concen: 0.746 ng

RT: 11.81 min Scan# 777

Delta R.T. -0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

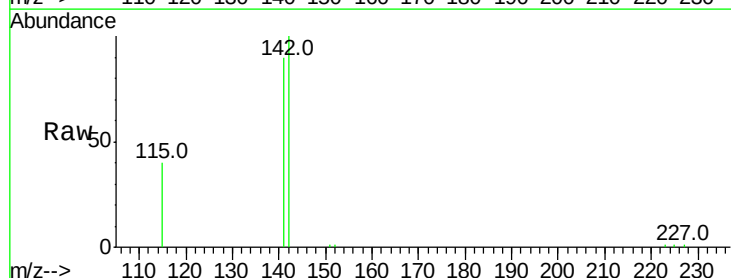
Tgt Ion:142 Resp: 13388

Ion Ratio Lower Upper

142 100

141 89.6 70.4 105.6

115 40.0 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

10000

8000

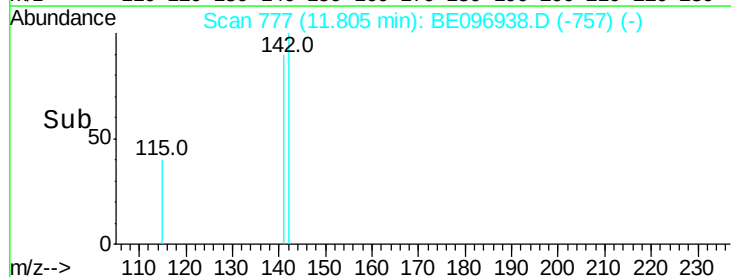
6000

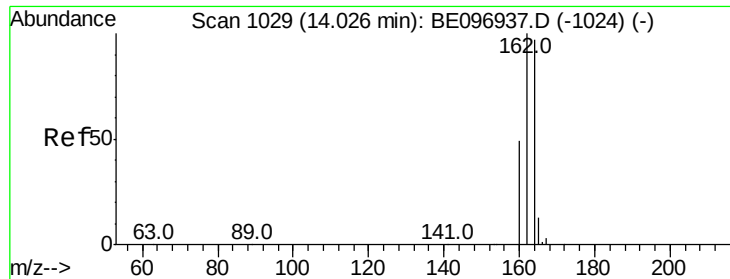
4000

2000

0

Time--> 11.70 11.80 11.90

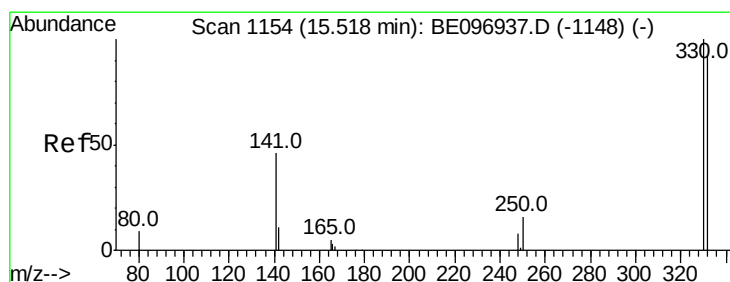
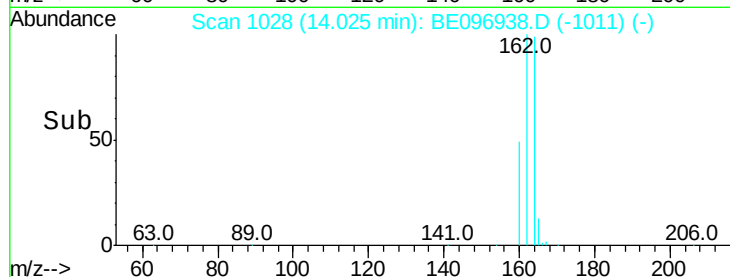
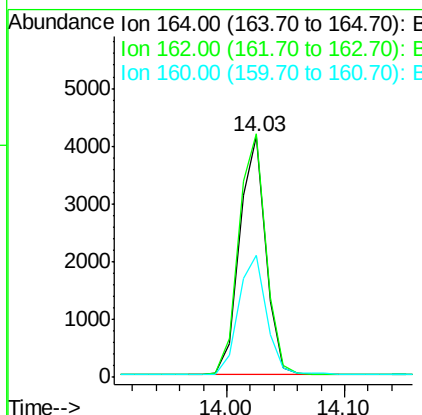
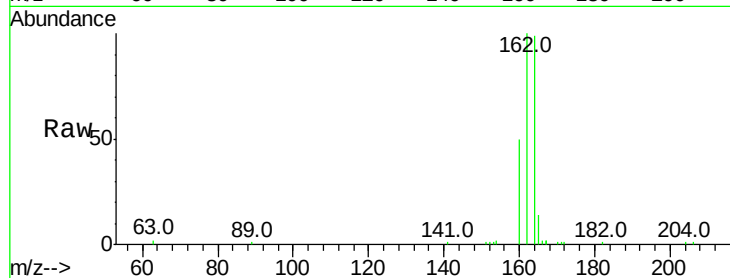




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.03 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BE096938.D
 Acq: 16 Jul 2018 14:16

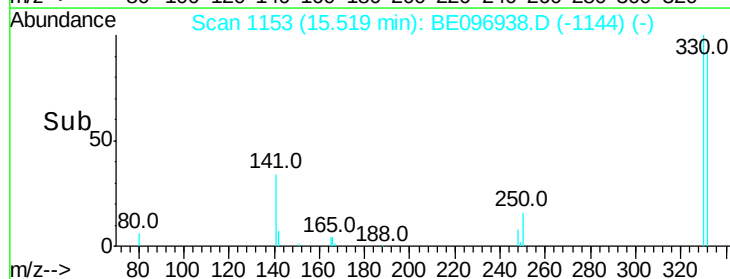
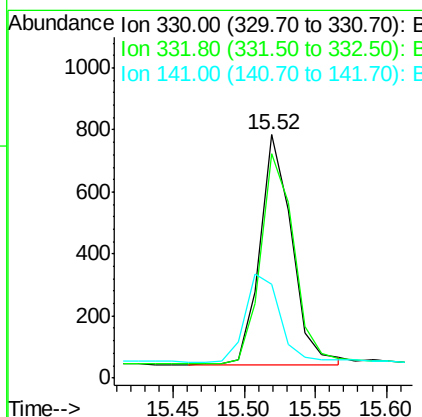
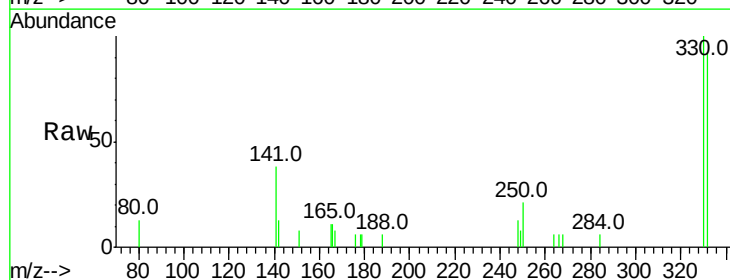
Instrument :
 BNA_E
 ClientSampled :

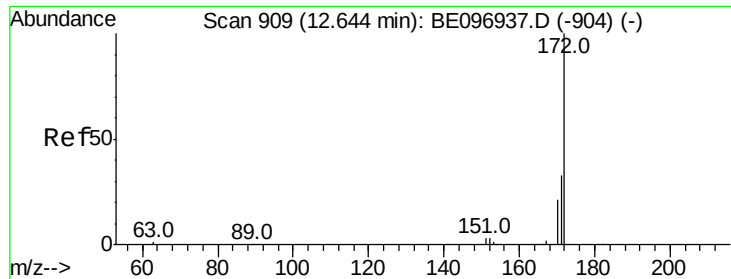
Tot Ion:164 Resp: 6360
 Ion Ratio Lower Upper
 164 100
 162 101.2 83.1 124.7
 160 50.6 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.733 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE096938.D
 Acq: 16 Jul 2018 14:16

Tgt Ion:330 Resp: 1147
 Ion Ratio Lower Upper
 330 100
 332 96.4 152.7 229.1#
 141 42.2 33.7 50.5

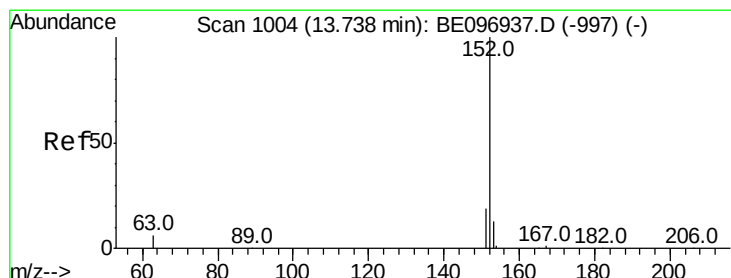
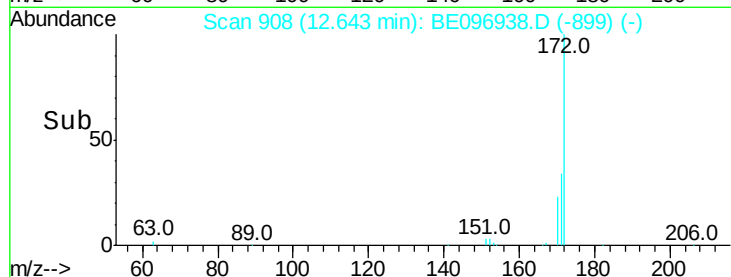
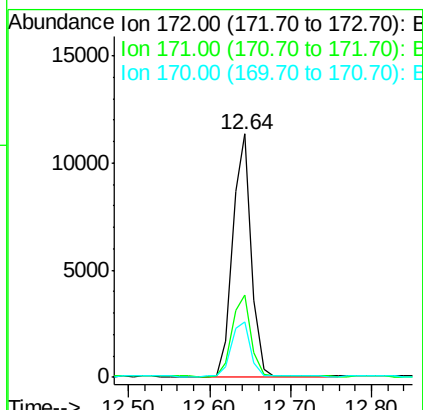
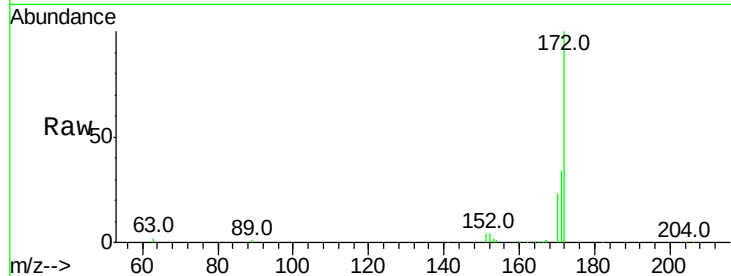




#15
2-Fluorobiphenyl
Concen: 0.748 ng
RT: 12.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE096938.D
Acq: 16 Jul 2018 14:16

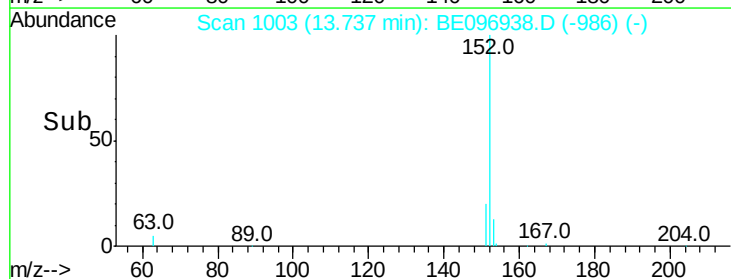
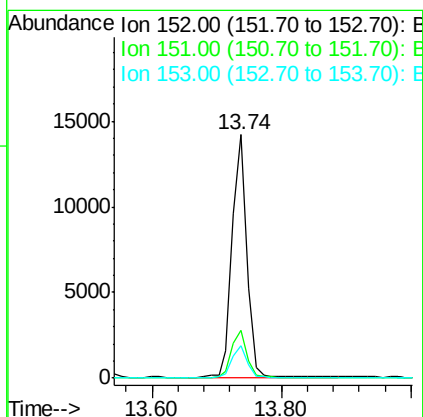
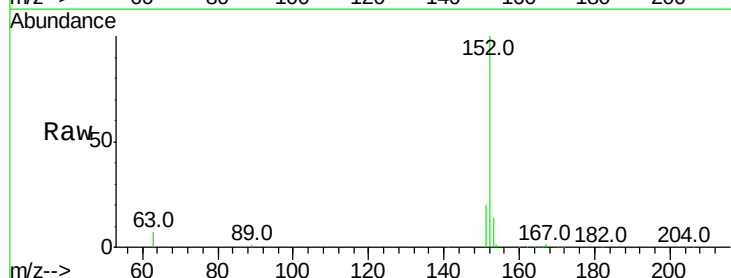
Instrument :
BNA_E
ClientSampleId :

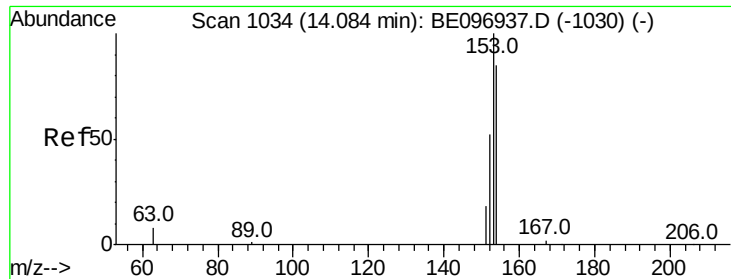
Tot Ion:172 Resp: 17693
Ion Ratio Lower Upper
172 100
171 34.0 29.9 44.9
170 22.9 21.8 32.8



#16
Acenaphthylene
Concen: 0.753 ng
RT: 13.74 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE096938.D
Acq: 16 Jul 2018 14:16

Tgt Ion:152 Resp: 21879
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.764 ng

RT: 14.08 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

Instrument :

BNA_E

ClientSampled :

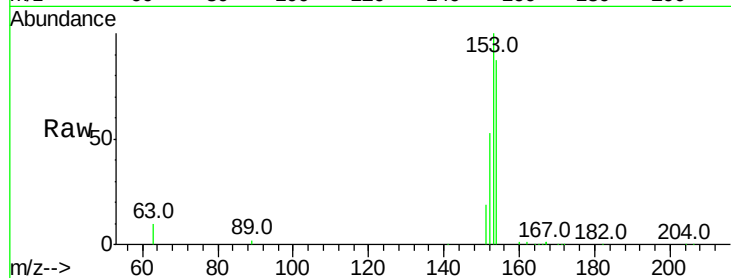
Tot Ion:154 Resp: 13801

Ion Ratio Lower Upper

154 100

153 114.1 89.2 133.8

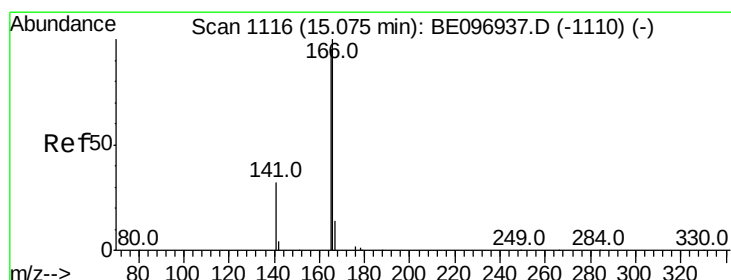
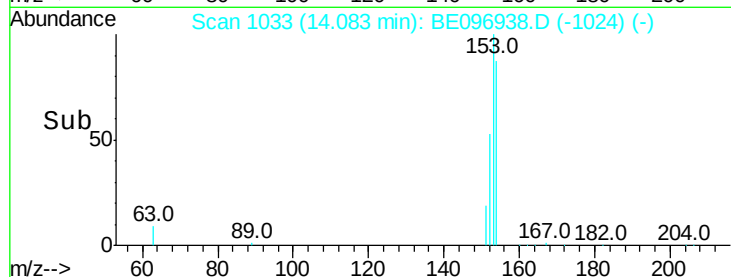
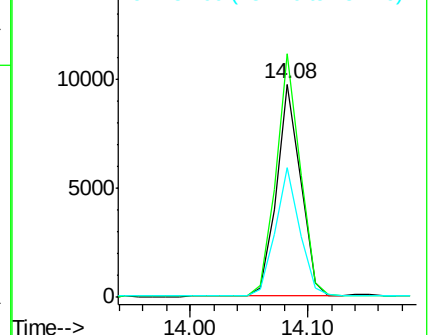
152 61.5 42.0 63.0



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: 0.751 ng

RT: 15.08 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

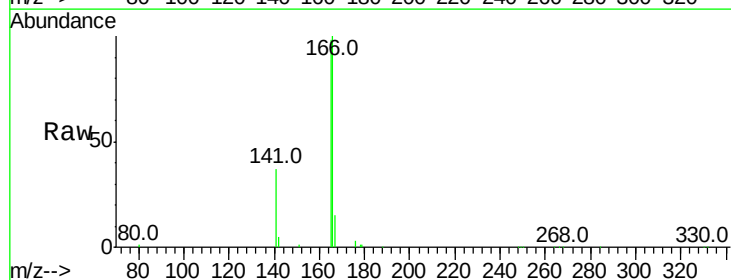
Tgt Ion:166 Resp: 15228

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.6

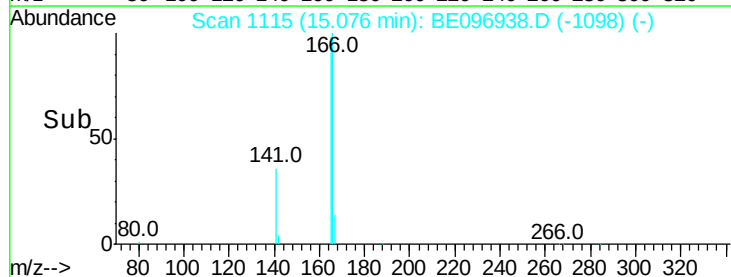
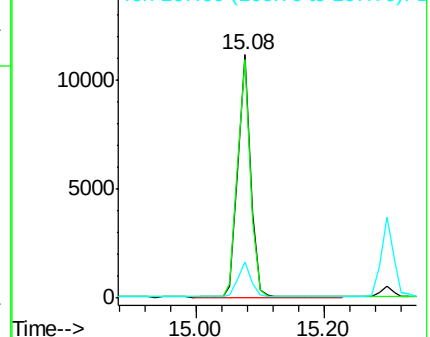
167 14.5 42.4 63.6#

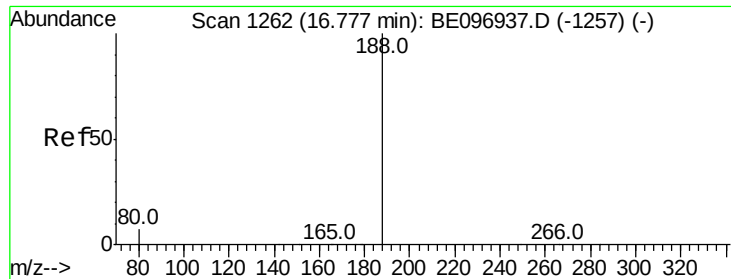


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.77 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

Instrument :

BNA_E

ClientSampleId :

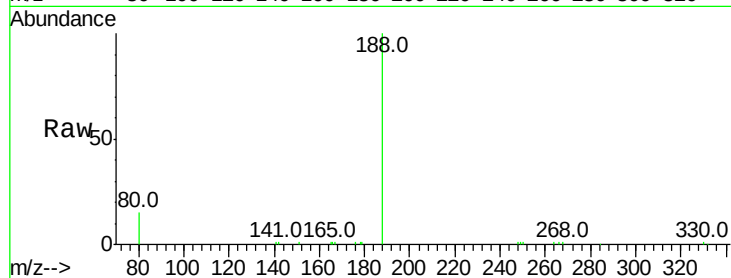
Tot Ion:188 Resp: 14817

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

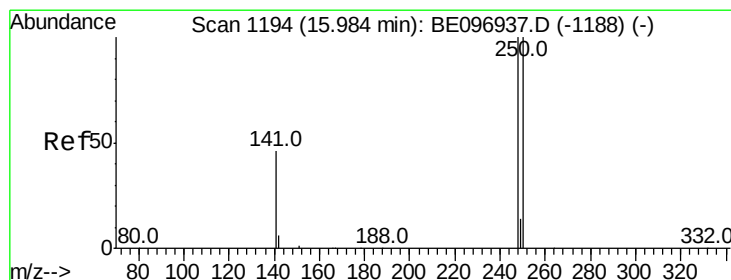
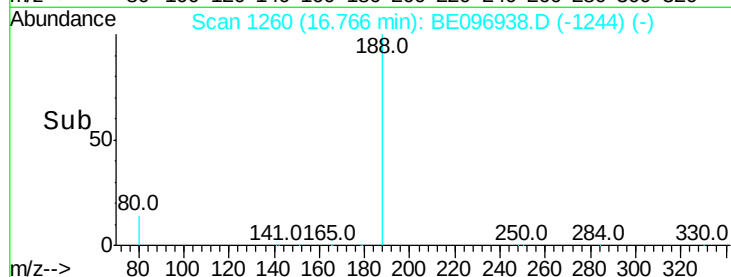
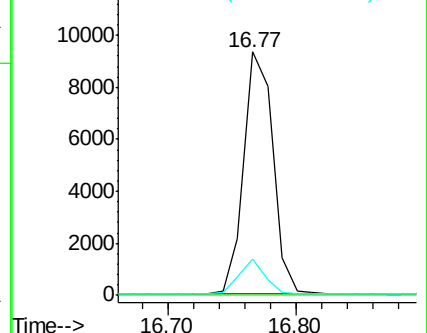
80 14.9 3.6 5.4#



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: 0.738 ng

RT: 15.97 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

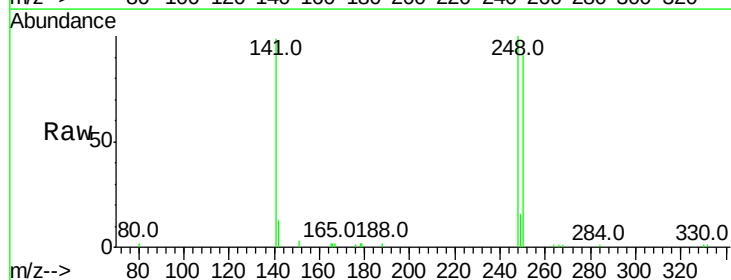
Tgt Ion:248 Resp: 5169

Ion Ratio Lower Upper

248 100

250 90.6 62.7 94.1

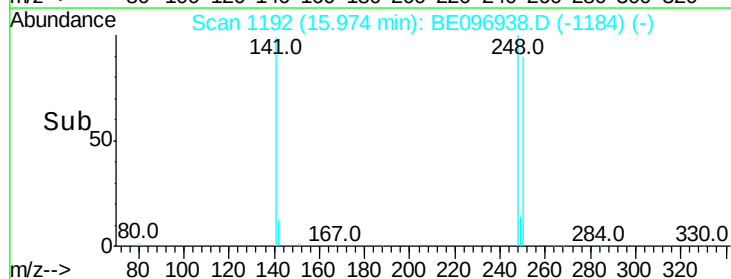
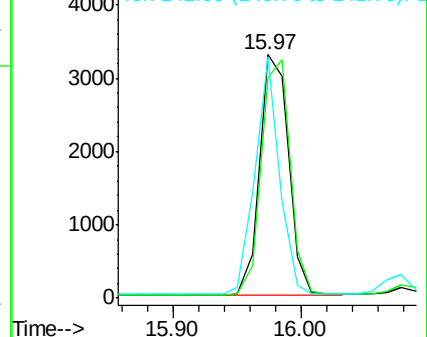
141 99.2 48.2 72.2#

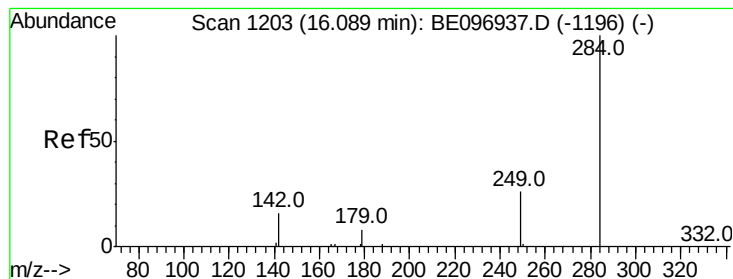


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.737 ng

RT: 16.08 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

Instrument :

BNA_E

ClientSampleId :

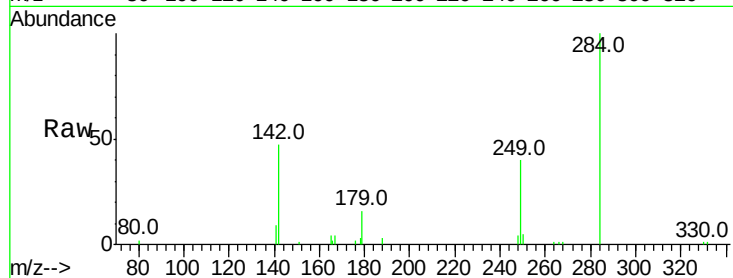
Tot Ion:284 Resp: 5737

Ion Ratio Lower Upper

284 100

142 39.3 22.1 33.1#

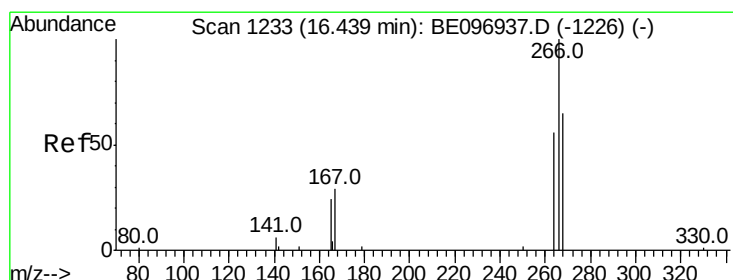
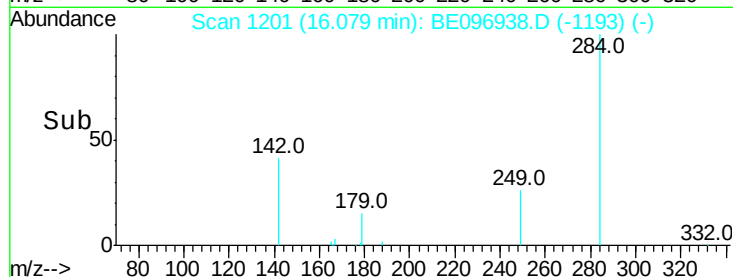
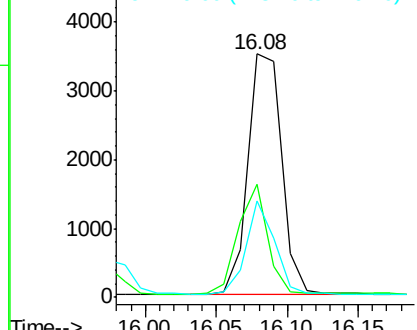
249 31.9 34.8 52.2#



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: 0.796 ng

RT: 16.43 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

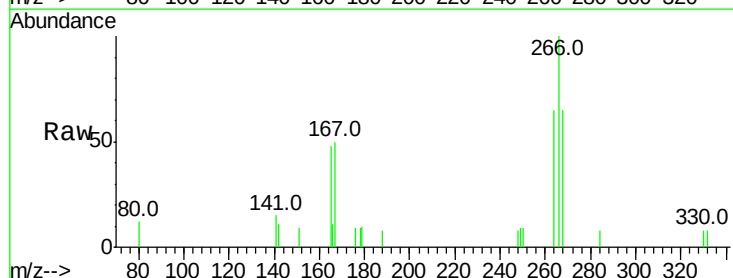
Tgt Ion:266 Resp: 1058

Ion Ratio Lower Upper

266 100

264 64.9 72.5 108.7#

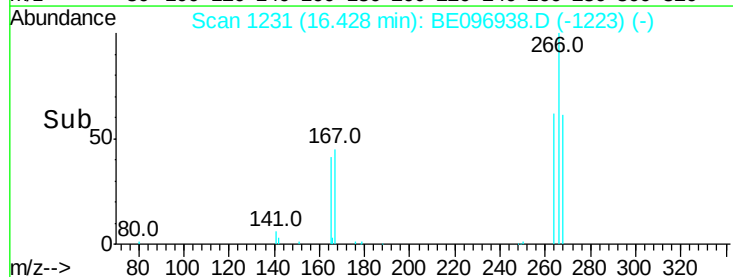
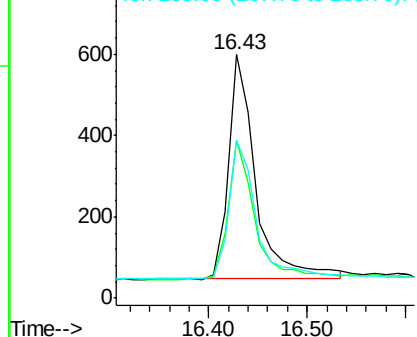
268 64.6 73.8 110.6#

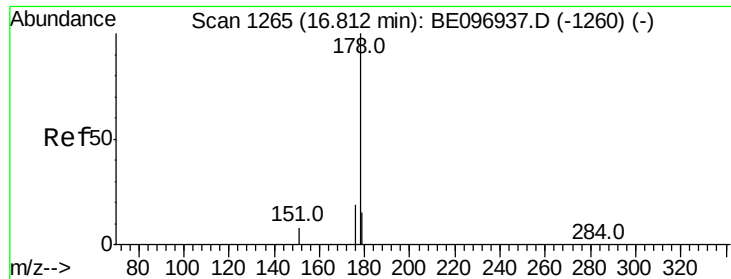


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.752 ng

RT: 16.81 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

Instrument :

BNA_E

ClientSampleId :

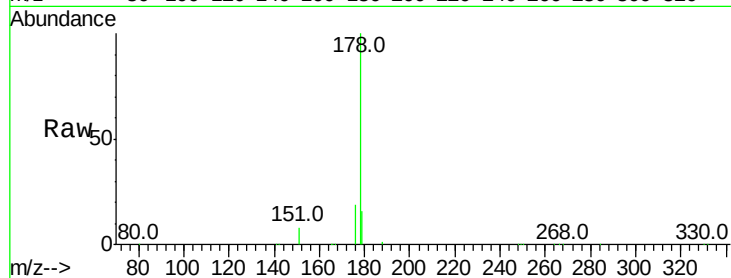
Tot Ion:178 Resp: 26687

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

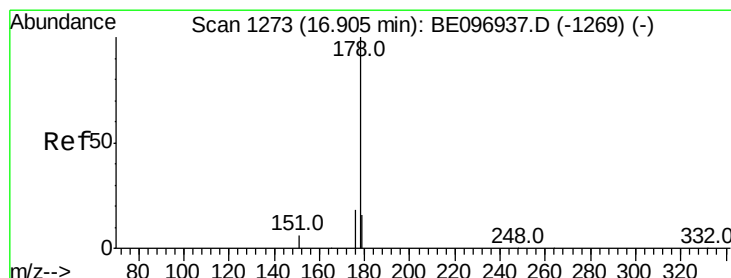
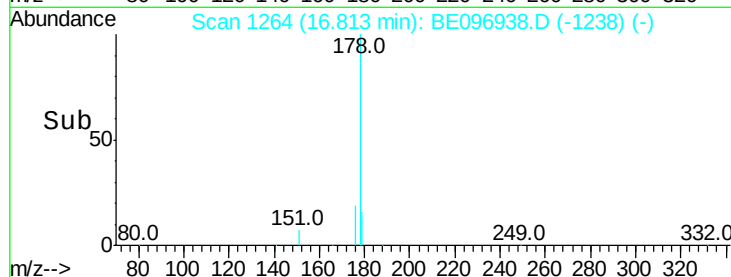
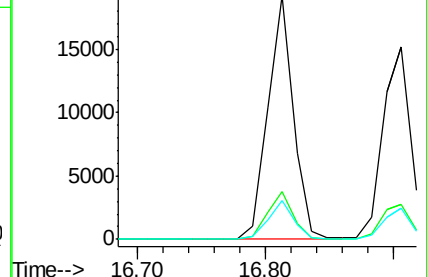
179 15.4 11.8 17.6



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: 0.745 ng

RT: 16.91 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

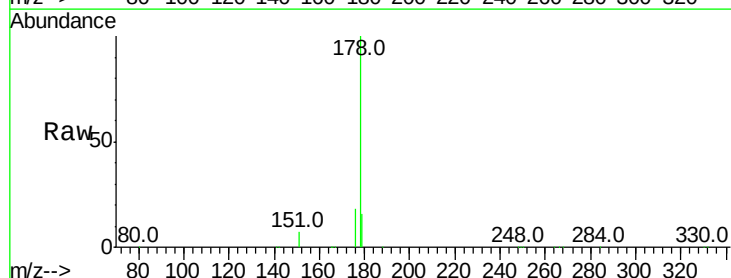
Tgt Ion:178 Resp: 23014

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

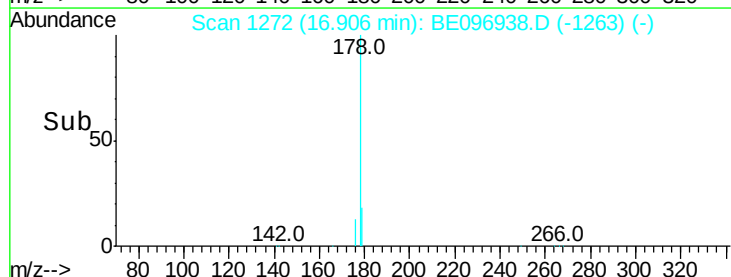
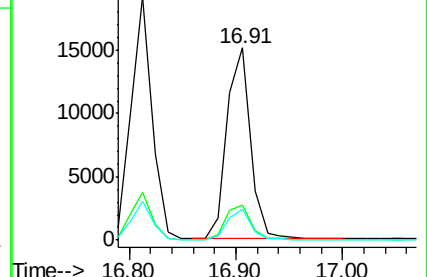
179 15.3 13.0 19.6

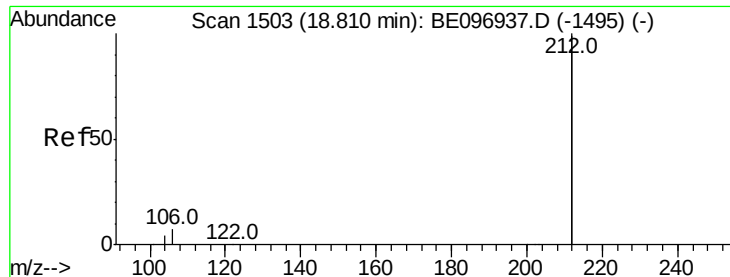


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.755 ng

RT: 18.81 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

Instrument :

BNA_E

ClientSampleId :

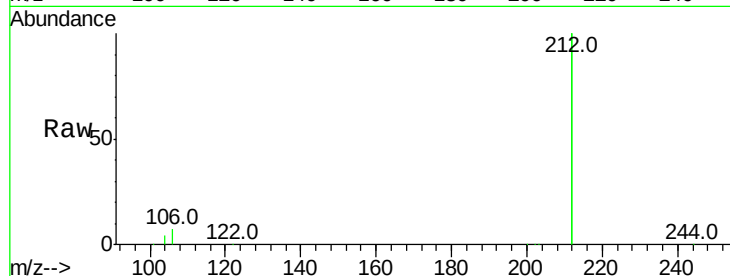
Tot Ion:212 Resp: 97373

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

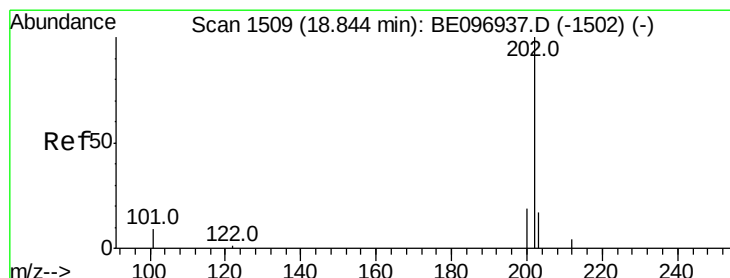
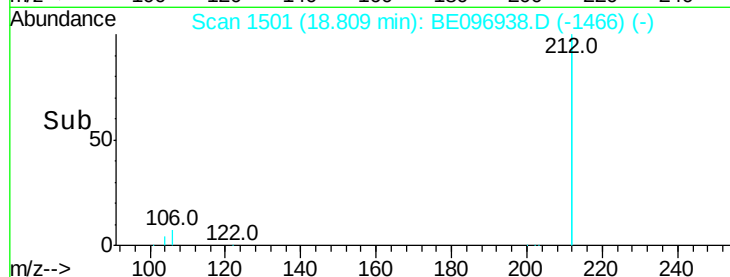
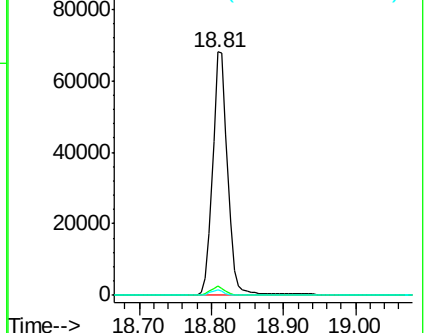
104 1.9 1.6 2.4



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: 0.770 ng

RT: 18.84 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

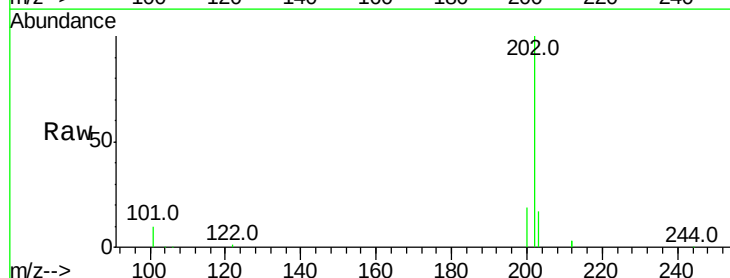
Tgt Ion:202 Resp: 28813

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.8

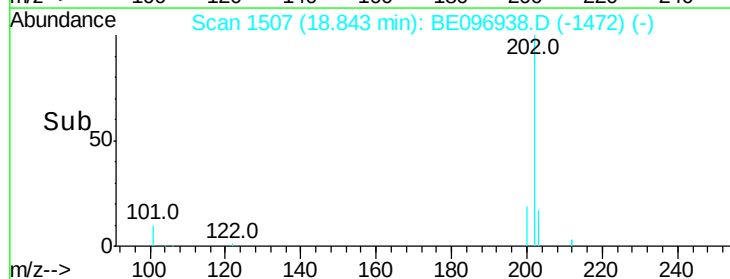
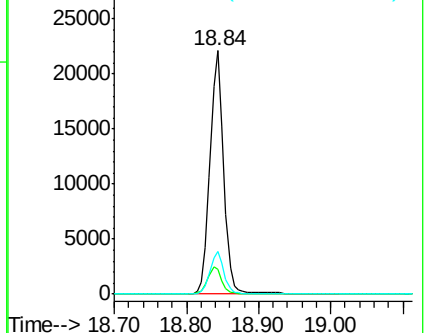
203 17.3 13.7 20.5

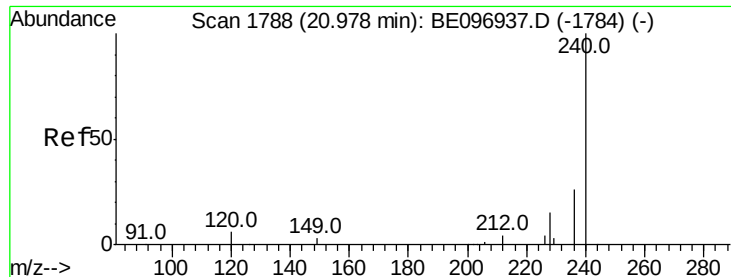


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

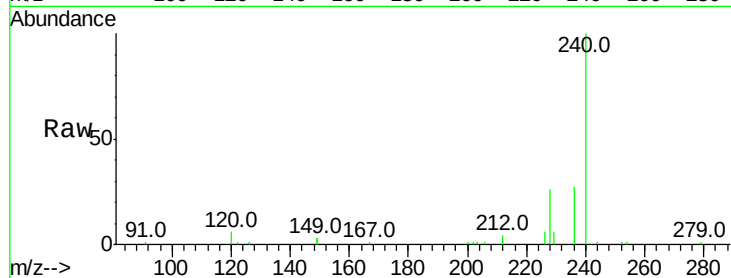




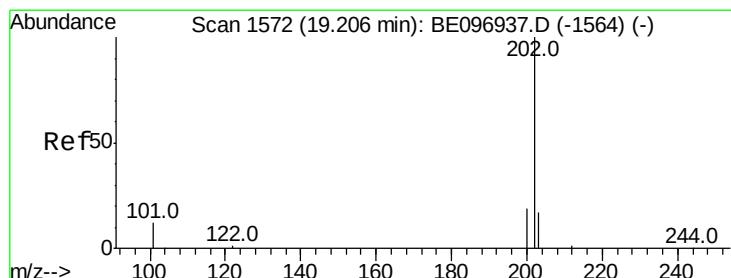
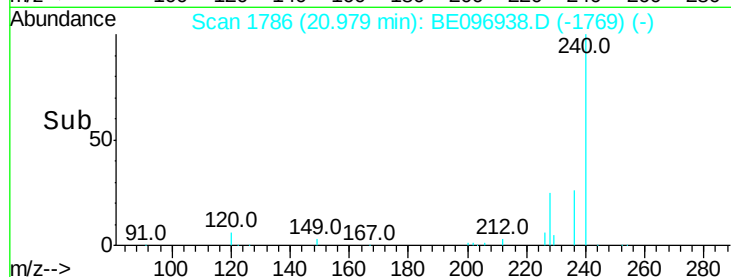
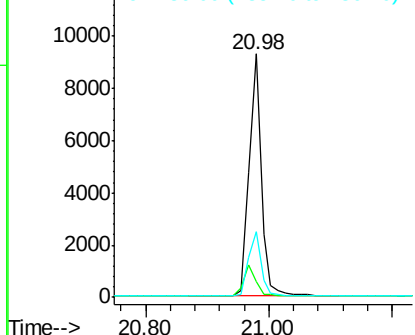
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE096938.D
Acq: 16 Jul 2018 14:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 12812
Ion Ratio Lower Upper
240 100
120 6.3 5.5 8.3
236 26.9 20.7 31.1

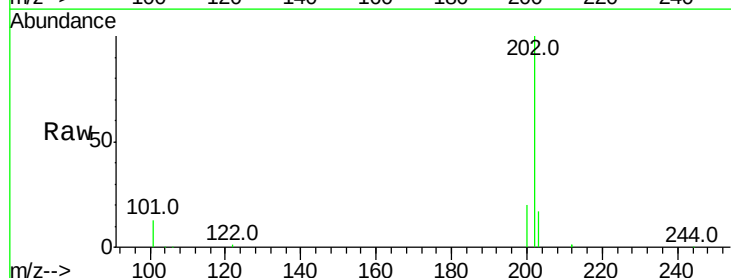


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

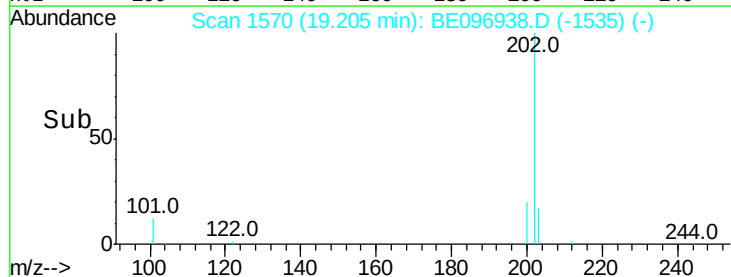
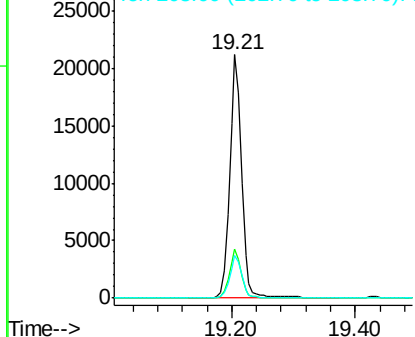


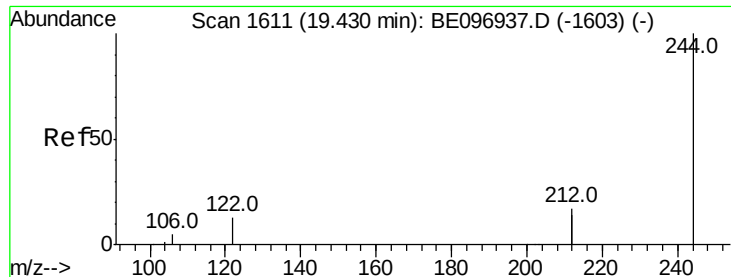
#28
Pyrene
Concen: 0.739 ng
RT: 19.21 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BE096938.D
Acq: 16 Jul 2018 14:16

Tgt Ion:202 Resp: 27962
Ion Ratio Lower Upper
202 100
200 19.7 16.6 25.0
203 17.5 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

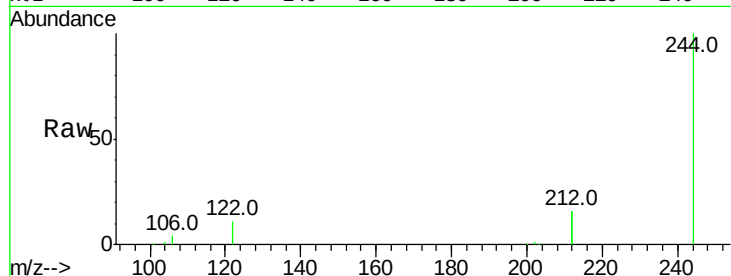




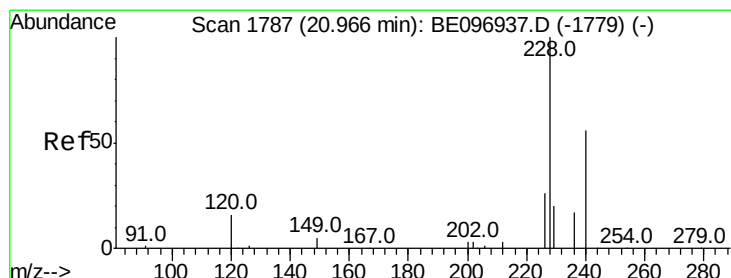
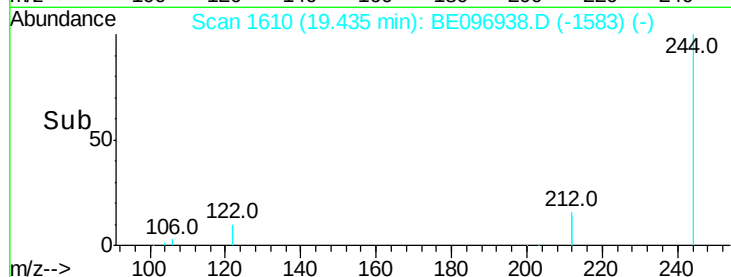
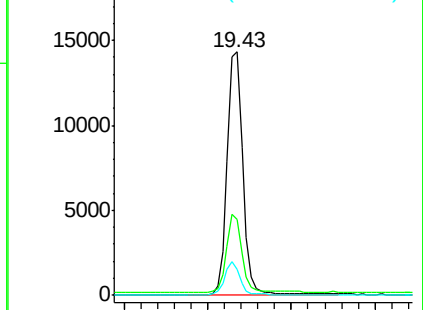
#29
 Terphenyl-d14
 Concen: 0.748 ng
 RT: 19.43 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BE096938.D
 Acq: 16 Jul 2018 14:16

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 18495
 Ion Ratio Lower Upper
 244 100
 212 31.2 25.4 38.0
 122 10.7 8.1 12.1

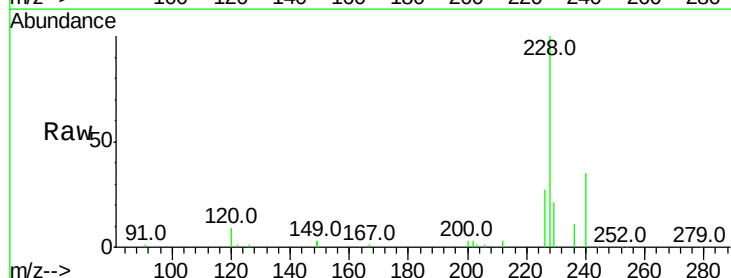


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

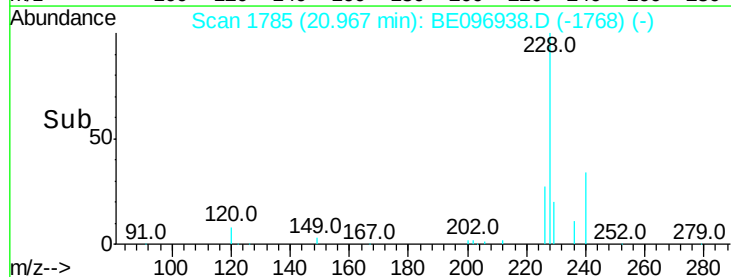
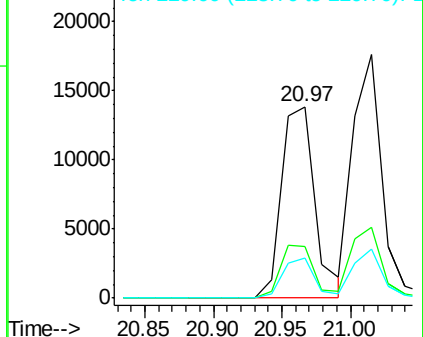


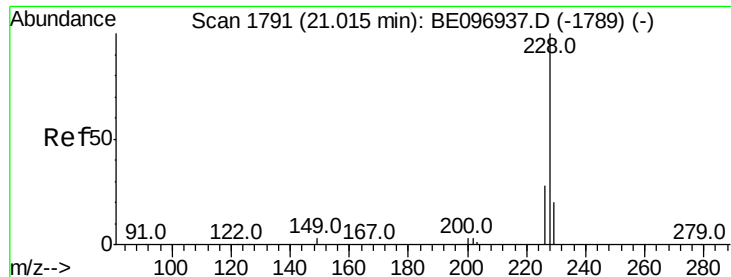
#30
 Benzo(a)anthracene
 Concen: 0.763 ng
 RT: 20.97 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BE096938.D
 Acq: 16 Jul 2018 14:16

Tgt Ion:228 Resp: 23264
 Ion Ratio Lower Upper
 228 100
 226 26.8 24.0 36.0
 229 20.6 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: 0.750 ng

RT: 21.02 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

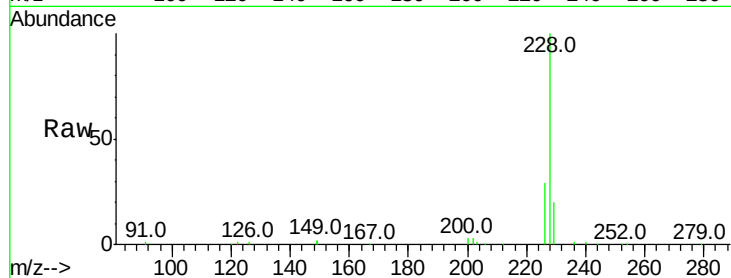
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 25674

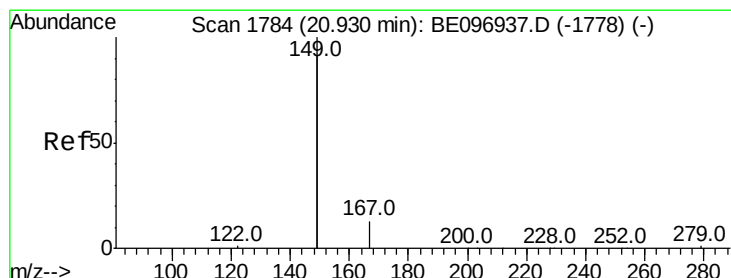
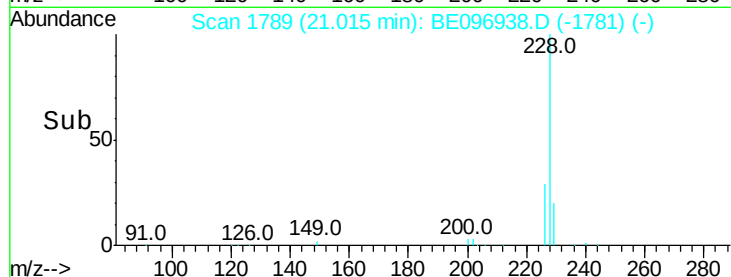
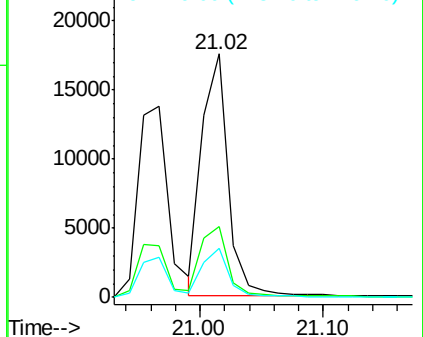
Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	20.1	16.0	24.0



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: 0.699 ng

RT: 20.93 min Scan# 1782

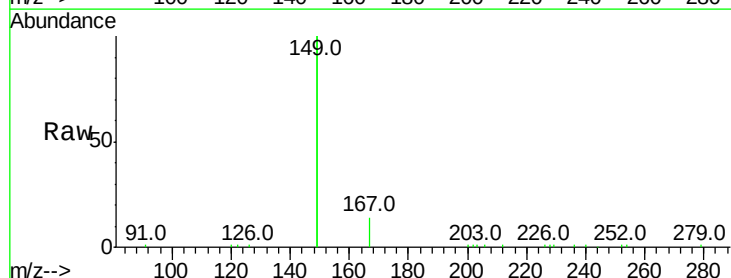
Delta R.T. 0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

Tgt Ion:149 Resp: 21288

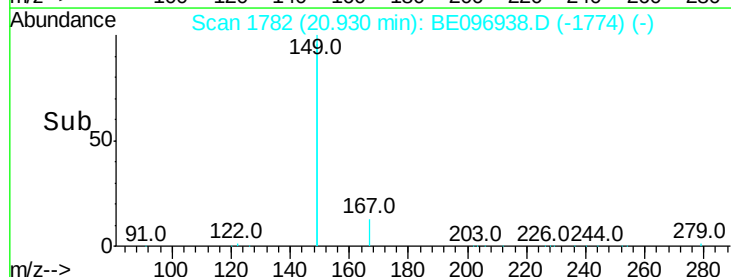
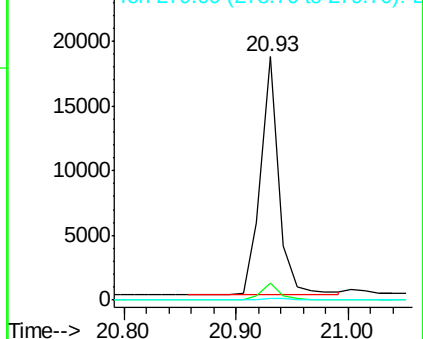
Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	0.8	0.7	1.1

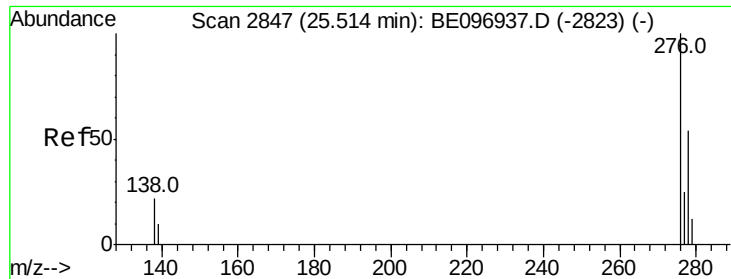


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

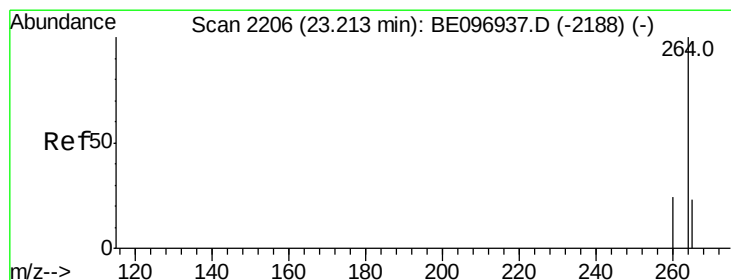
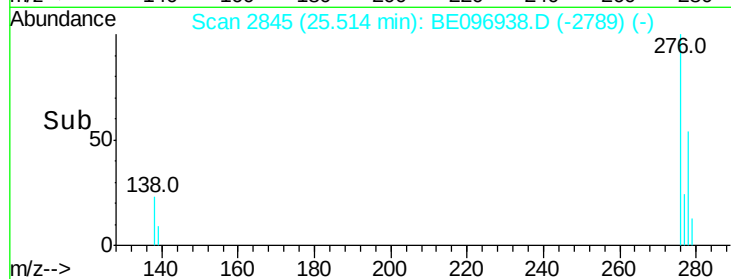
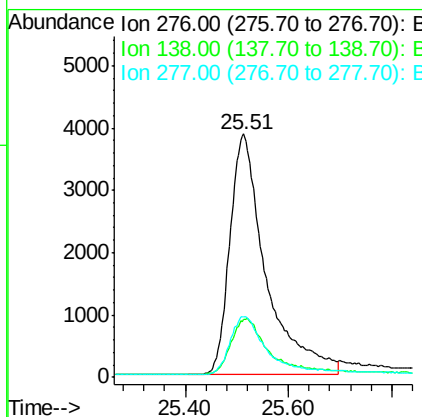
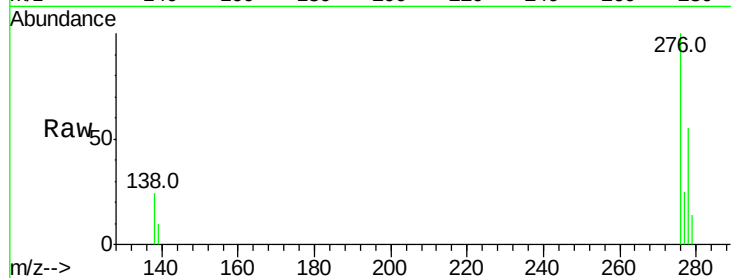




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.753 ng
 RT: 25.51 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BE096938.D
 Acq: 16 Jul 2018 14:16

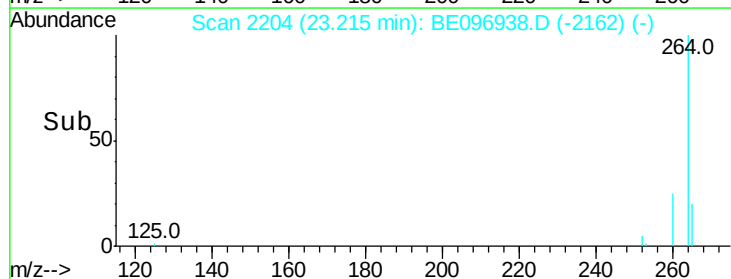
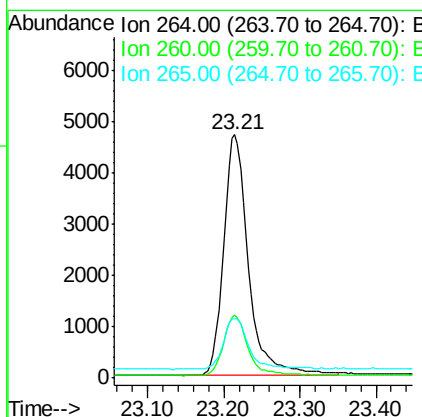
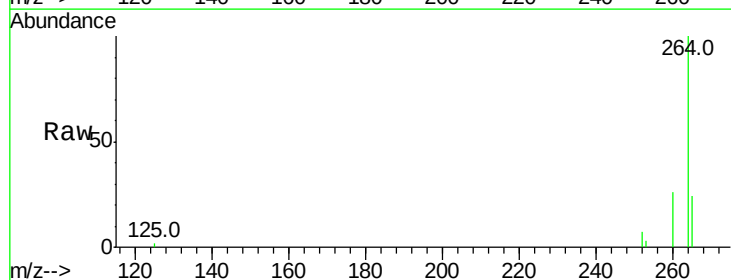
Instrument :
 BNA_E
 ClientSampleId :

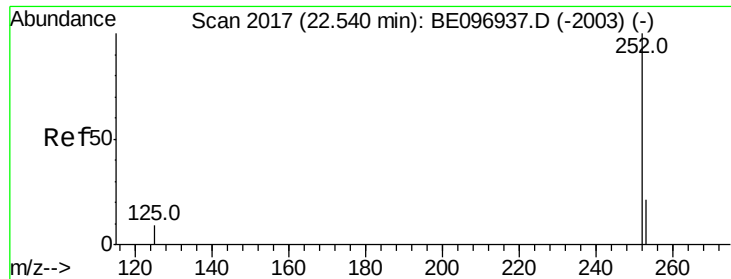
Tot Ion:276 Resp: 18767
 Ion Ratio Lower Upper
 276 100
 138 24.0 22.5 33.7
 277 24.0 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BE096938.D
 Acq: 16 Jul 2018 14:16

Tgt Ion:264 Resp: 10685
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.5 30.7
 265 24.1 22.8 34.2

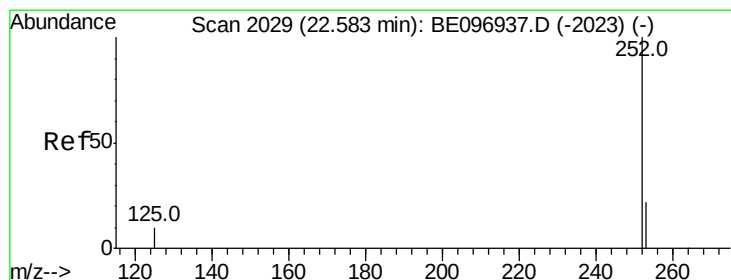
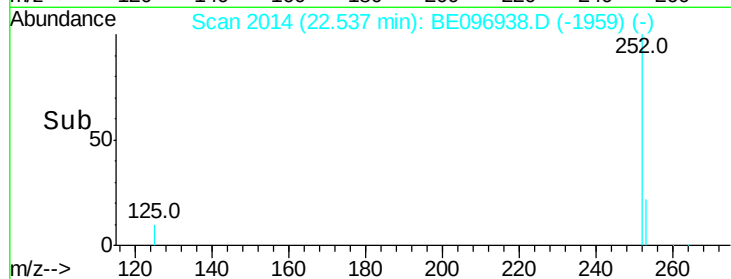
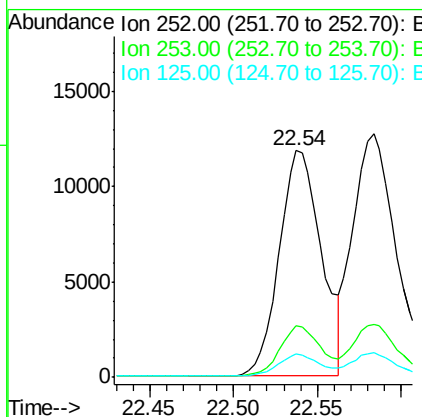
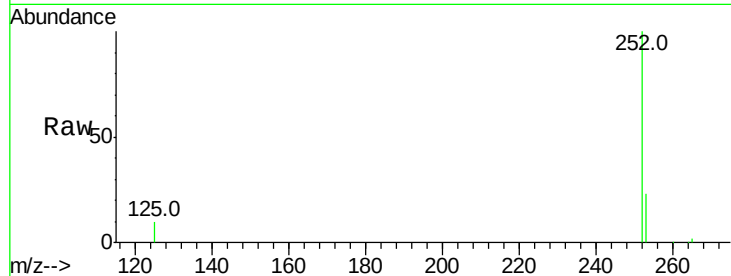




#35
Benzo(b)fluoranthene
Concen: 0.765 ng
RT: 22.54 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE096938.D
Acq: 16 Jul 2018 14:16

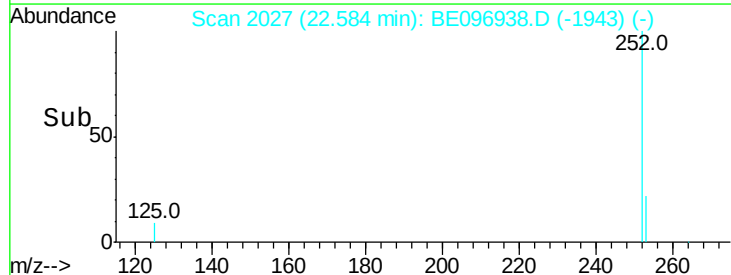
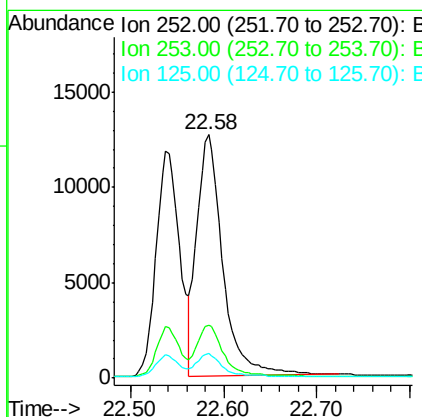
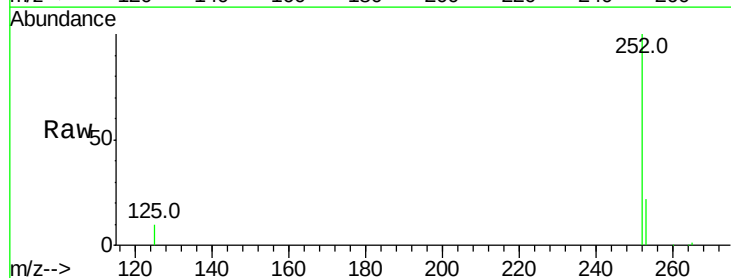
Instrument :
BNA_E
ClientSampleId :

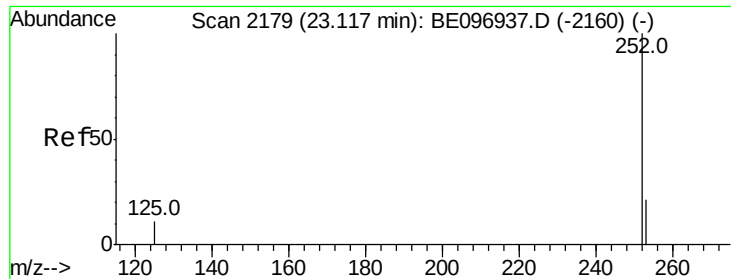
Tot Ion:252 Resp: 20852
Ion Ratio Lower Upper
252 100
253 22.5 20.0 30.0
125 10.1 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.751 ng
RT: 22.58 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE096938.D
Acq: 16 Jul 2018 14:16

Tgt Ion:252 Resp: 24372
Ion Ratio Lower Upper
252 100
253 22.0 16.0 24.0
125 9.9 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.699 ng

RT: 23.11 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

Instrument :

BNA_E

ClientSampleId :

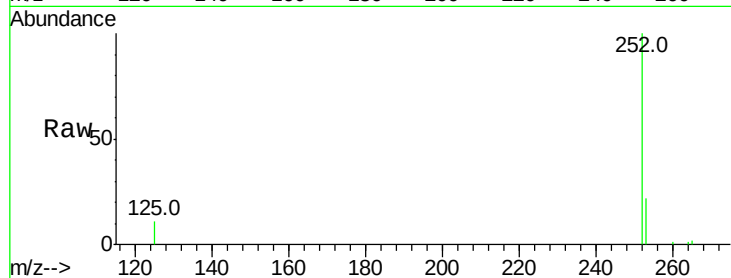
Tot Ion:252 Resp: 18568

Ion Ratio Lower Upper

252 100

253 22.5 16.0 24.0

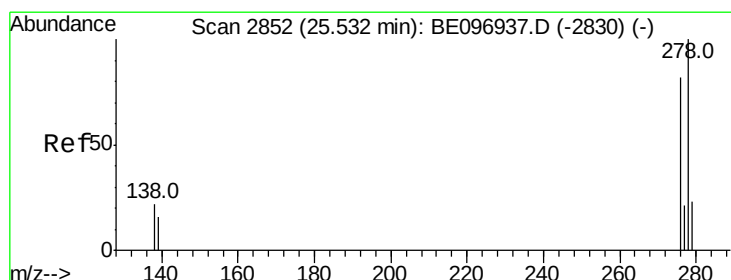
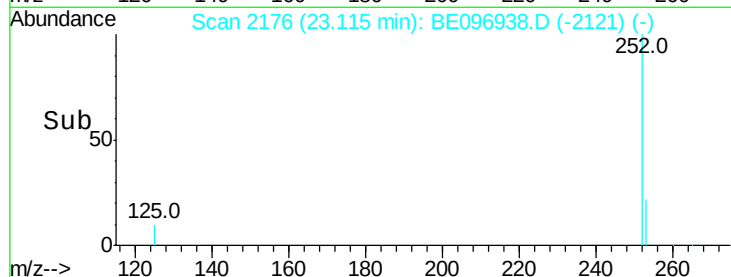
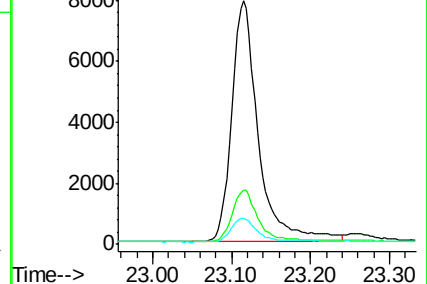
125 10.9 12.0 18.0#



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: 0.694 ng

RT: 25.53 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

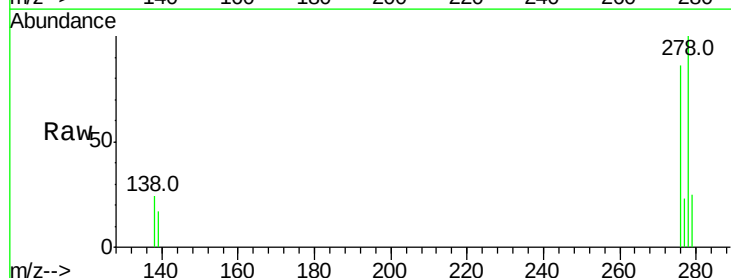
Tgt Ion:278 Resp: 15375

Ion Ratio Lower Upper

278 100

139 16.8 16.0 24.0

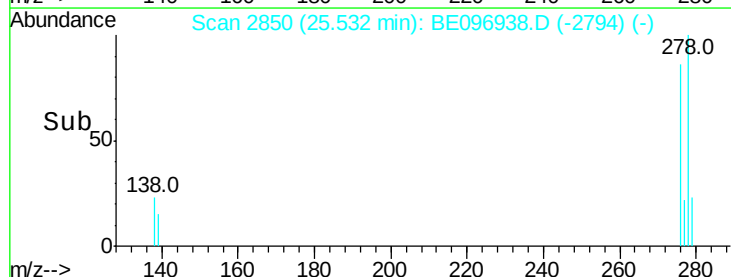
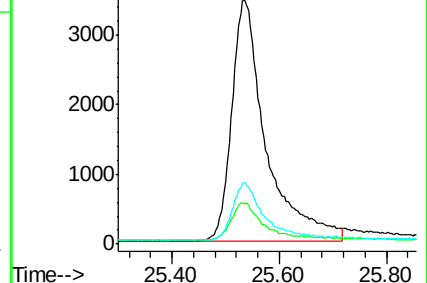
279 24.7 20.0 30.0

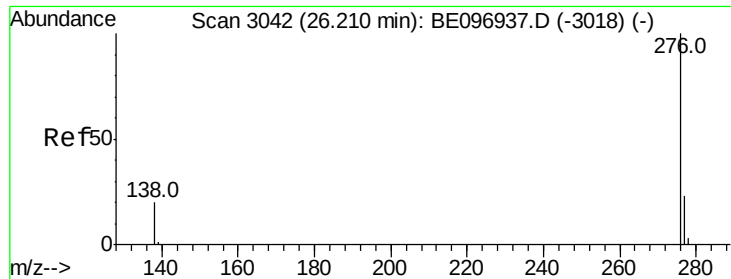


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.764 ng

RT: 26.21 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BE096938.D

Acq: 16 Jul 2018 14:16

Instrument :

BNA_E

ClientSampleId :

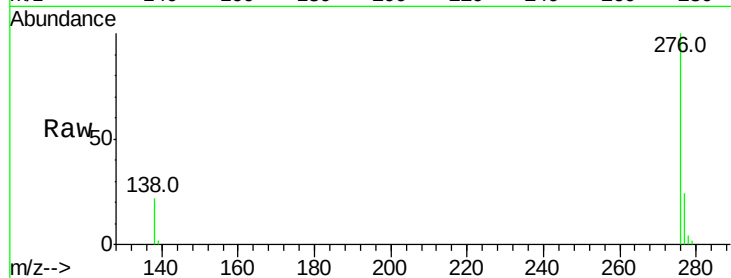
Tot Ion:276 Resp: 16930

Ion Ratio Lower Upper

276 100

277 24.4 16.0 24.0#

138 21.6 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

