

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062018\
 Data File : BE096832.D
 Acq On : 20 Jun 2018 12:49
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 20 13:37:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 20 11:46:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2409	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	12166	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	7045	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	17509	0.40	ng	0.00
27) Chrysene-d12	20.98	240	19248	0.40	ng	0.00
34) Perylene-d12	23.21	264	14106	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	19153	3.64	ng	0.00
5) Phenol-d6	6.60	99	30296	3.84	ng	0.00
8) Nitrobenzene-d5	8.53	82	26478	3.91	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	59653	3.07	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	7778	5.34	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	83376	2.88	ng	0.00
25) Fluoranthene-d10	18.81	212	607708	3.55	ng	0.00
29) Terphenyl-d14	19.44	244	119434	2.74	ng	0.00

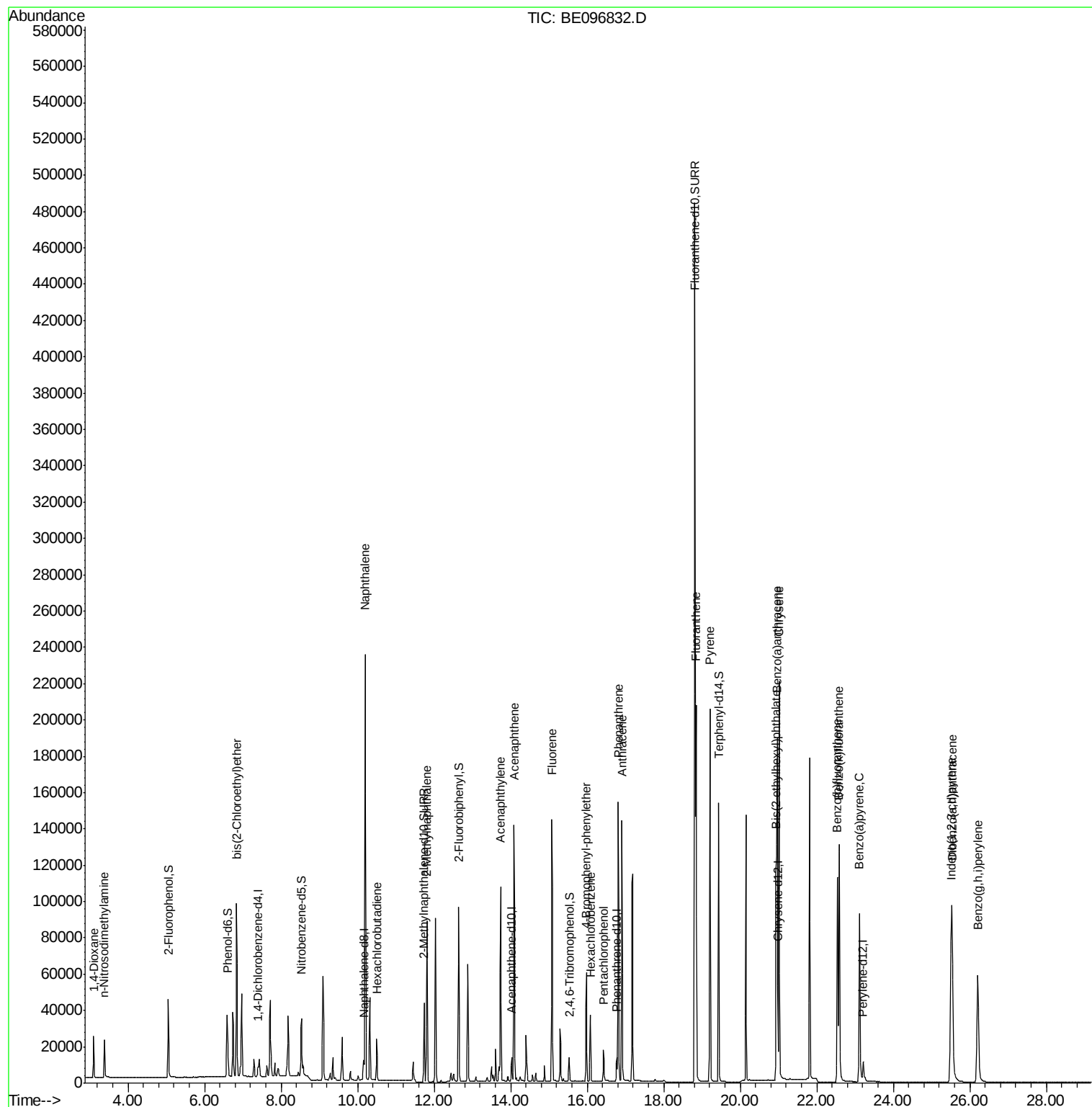
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	11839	3.036	ng	# 87
3) n-Nitrosodimethylamine	3.37	42	14212	3.457	ng	# 90
6) bis(2-Chloroethyl)ether	6.84	93	29705	3.192	ng	97
9) Naphthalene	10.20	128	364856	3.052	ng	99
10) Hexachlorobutadiene	10.50	225	15038	3.016	ng	96
12) 2-Methylnaphthalene	11.81	142	62789	3.132	ng	99
16) Acenaphthylene	13.74	152	110744	3.333	ng	100
17) Acenaphthene	14.08	154	69069	3.092	ng	97
18) Fluorene	15.08	166	83519	3.162	ng	# 80
20) 4-Bromophenyl-phenylether	15.98	248	28189	3.301	ng	# 84
21) Hexachlorobenzene	16.09	284	30206	3.012	ng	# 80
22) Pentachlorophenol	16.43	266	8716	5.594	ng	# 72
23) Phenanthrene	16.81	178	150398	3.160	ng	99
24) Anthracene	16.90	178	137948	3.532	ng	96
26) Fluoranthene	18.84	202	180641	3.586	ng	99
28) Pyrene	19.21	202	178505	2.823	ng	99
30) Benzo(a)anthracene	20.97	228	161561	3.463	ng	95
31) Chrysene	21.02	228	171650	2.921	ng	100
32) Bis(2-ethylhexyl)phthalate	20.93	149	166989	4.763	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	149535	3.390	ng	97
35) Benzo(b)fluoranthene	22.54	252	143977	3.714	ng	# 86
36) Benzo(k)fluoranthene	22.59	252	168742	3.660	ng	97
37) Benzo(a)pyrene	23.12	252	131429	3.905	ng	# 93
38) Dibenzo(a,h)anthracene	25.54	278	129166	4.000	ng	# 94
39) Benzo(g,h,i)perylene	26.21	276	128795	3.602	ng	# 92

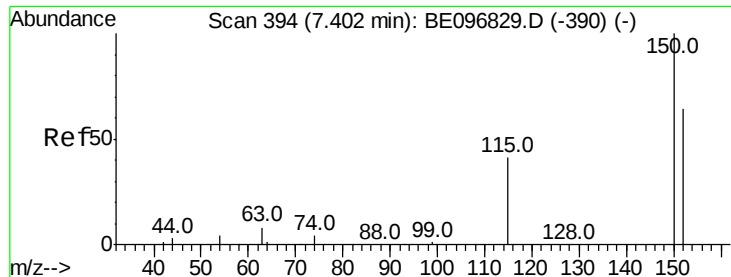
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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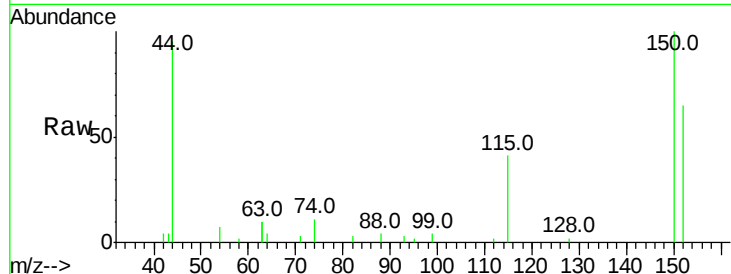


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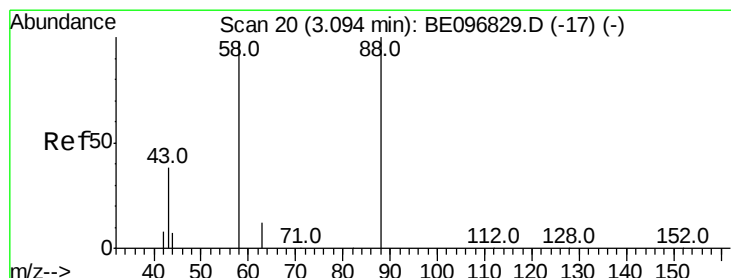
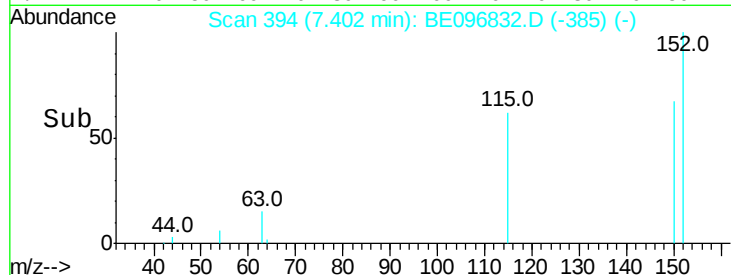
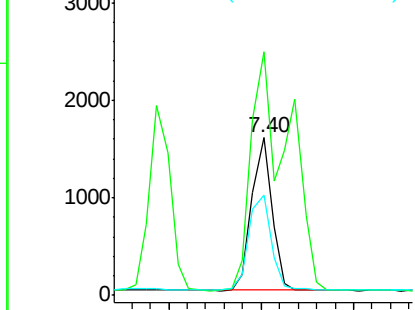
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096832.D
Acq: 20 Jun 2018 12:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2409
Ion Ratio Lower Upper
152 100
150 154.6 117.2 175.8
115 63.7 57.0 85.6



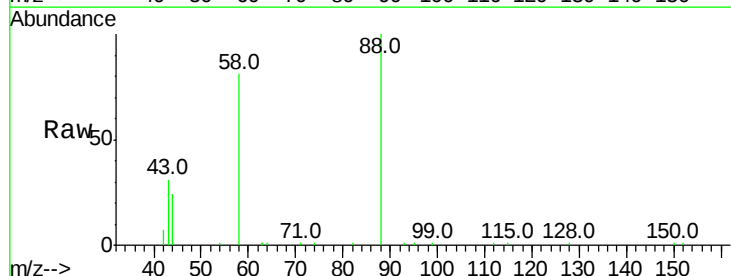
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



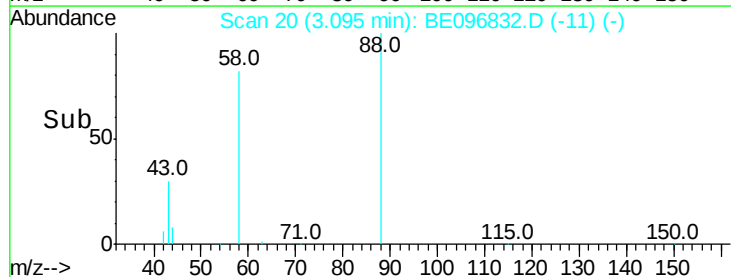
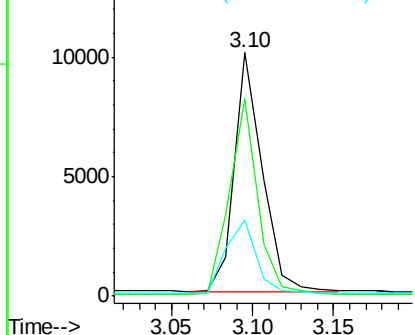
#2

1,4-Dioxane
Concen: 3.036 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE096832.D
Acq: 20 Jun 2018 12:49

Tgt Ion: 88 Resp: 11839
Ion Ratio Lower Upper
88 100
58 83.5 63.2 94.8
43 33.8 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



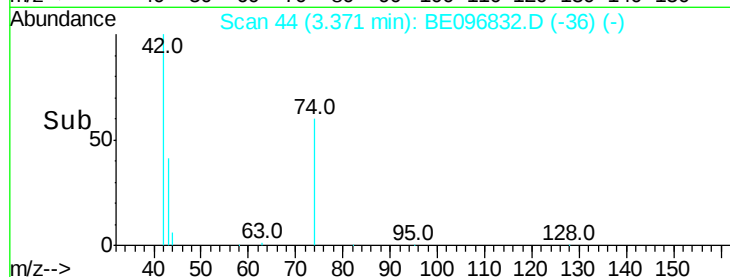
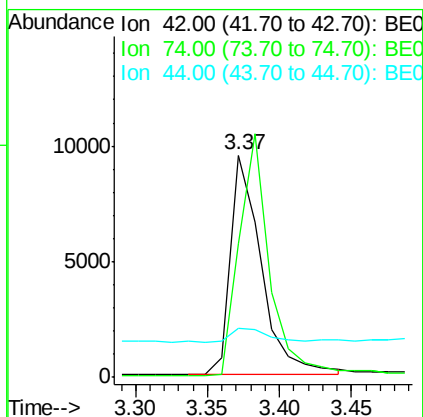
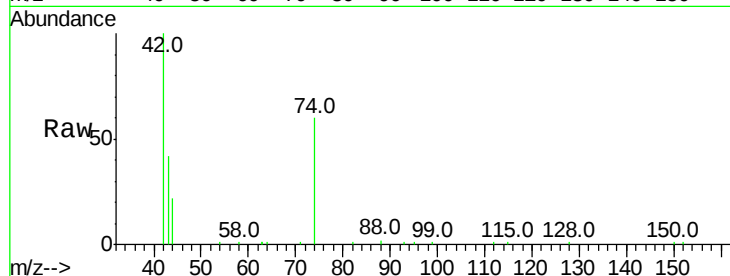


#3

n-Nitrosodimethylamine
 Concen: 3.457 ng
 RT: 3.37 min Scan# 44
 Delta R.T. -0.01 min
 Lab File: BE096832.D
 Acq: 20 Jun 2018 12:49

Instrument :
 BNA_E
 ClientSampleId :

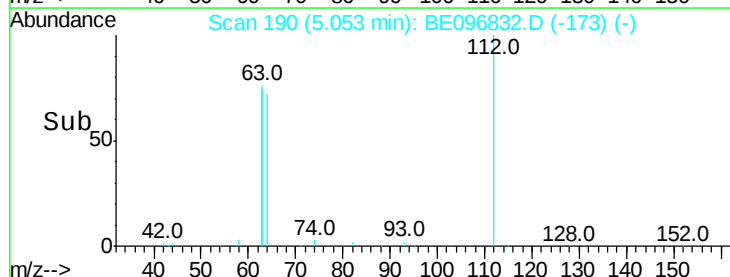
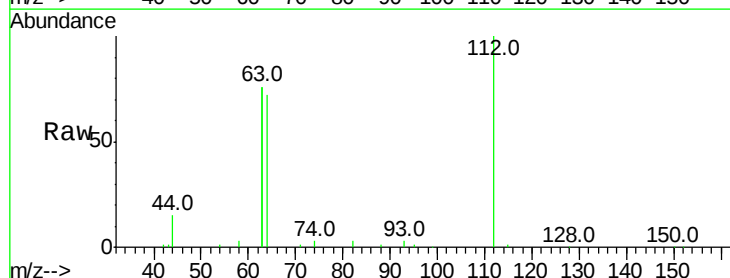
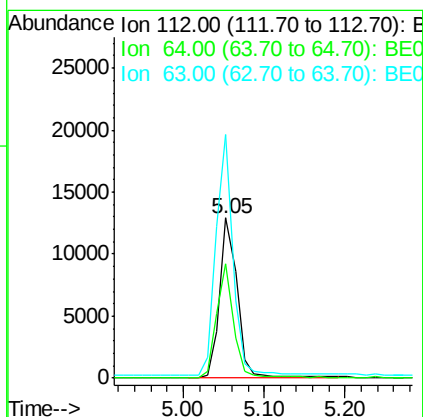
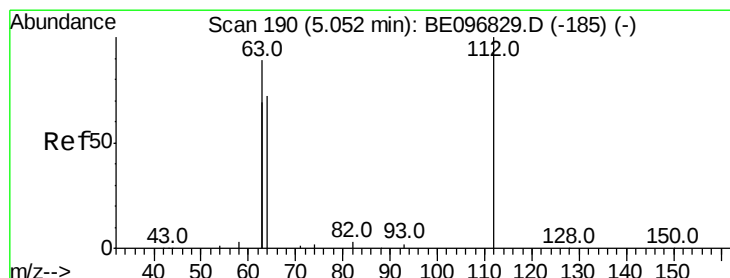
Tot Ion: 42 Resp: 14212
 Ion Ratio Lower Upper
 42 100
 74 108.5 96.0 144.0
 44 10.6 12.0 18.0#

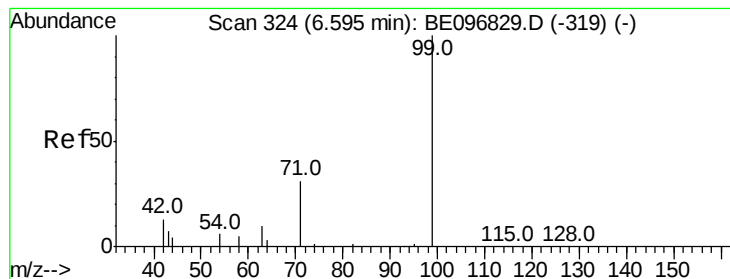


#4

2-Fluorophenol
 Concen: 3.638 ng
 RT: 5.05 min Scan# 190
 Delta R.T. 0.00 min
 Lab File: BE096832.D
 Acq: 20 Jun 2018 12:49

Tgt Ion: 112 Resp: 19153
 Ion Ratio Lower Upper
 112 100
 64 69.0 60.1 90.1
 63 148.1 116.8 175.2





#5

Phenol-d6

Concen: 3.840 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampled :

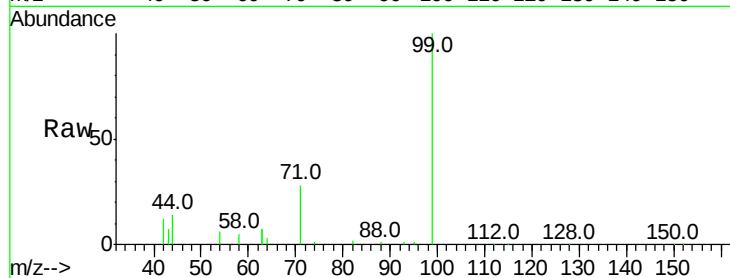
Tot Ion: 99 Resp: 30296

Ion Ratio Lower Upper

99 100

42 23.5 20.2 30.2

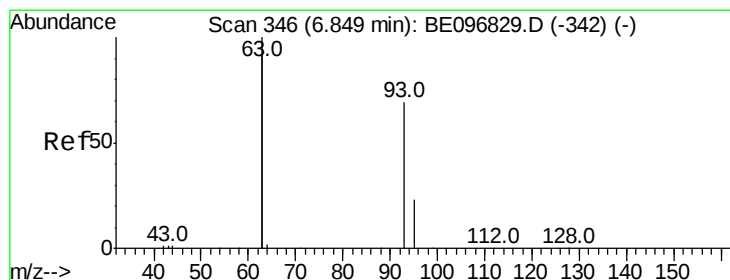
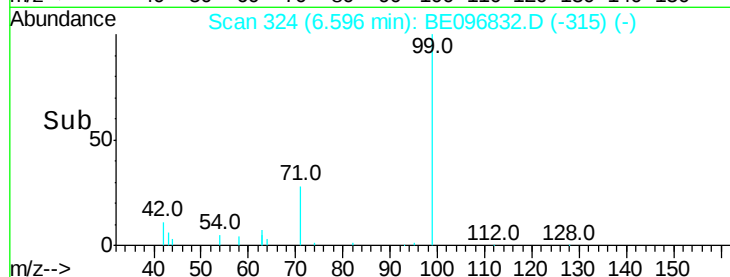
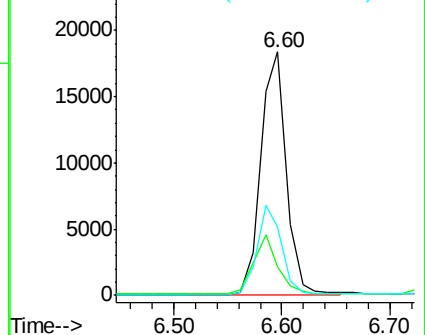
71 35.5 28.4 42.6



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: 3.192 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.01 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

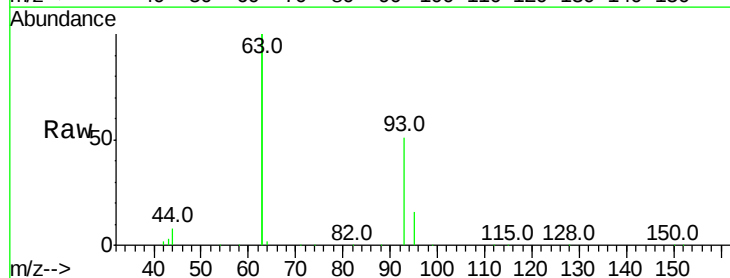
Tgt Ion: 93 Resp: 29705

Ion Ratio Lower Upper

93 100

63 337.2 275.3 412.9

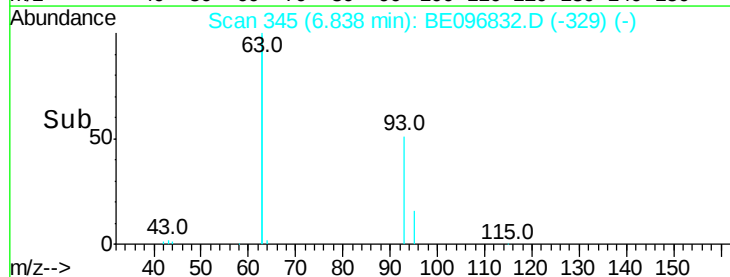
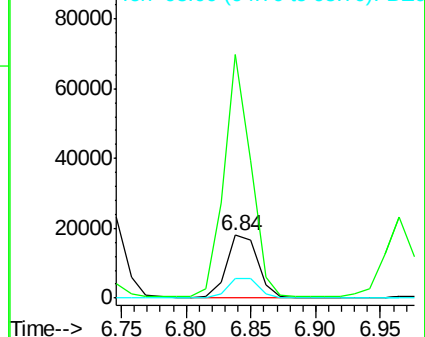
95 31.9 25.2 37.8

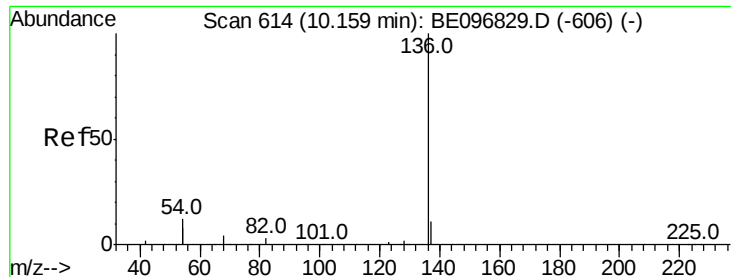


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.16 min Scan# 614

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 12166

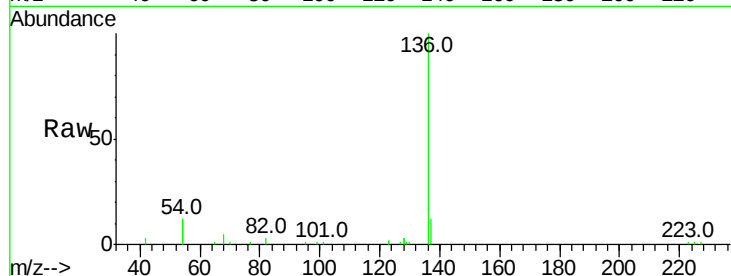
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 23.1 29.1 43.7#

68 4.7 6.2 9.2#



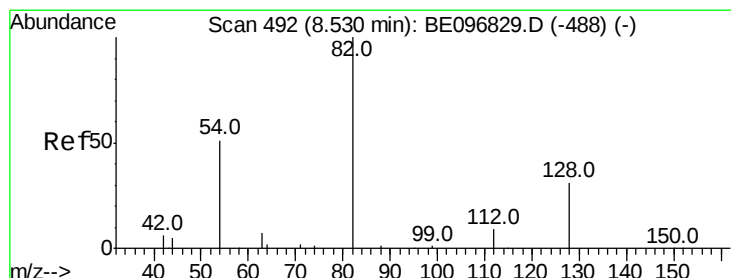
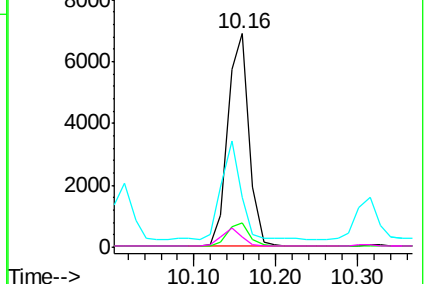
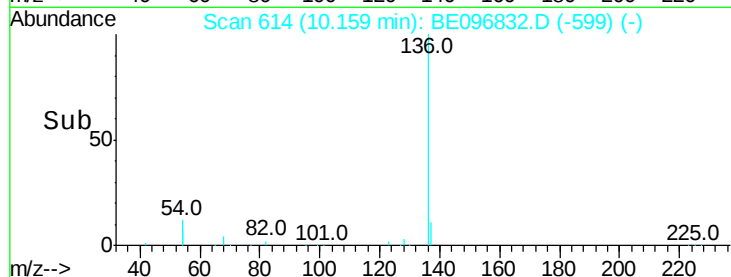
Abundance

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: 3.913 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

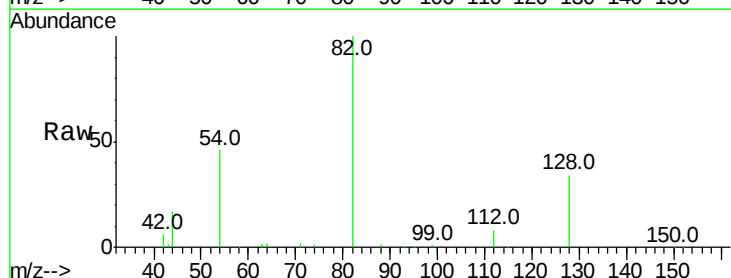
Tgt Ion: 82 Resp: 26478

Ion Ratio Lower Upper

82 100

128 33.5 24.0 36.0

54 46.0 40.0 60.0

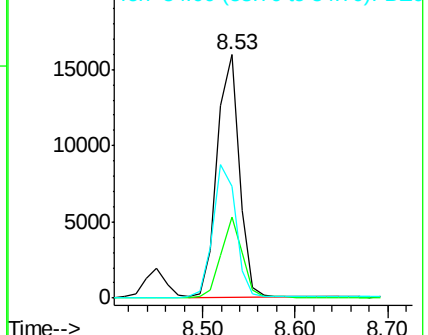
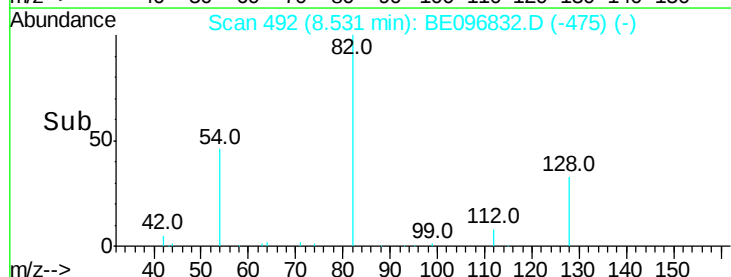


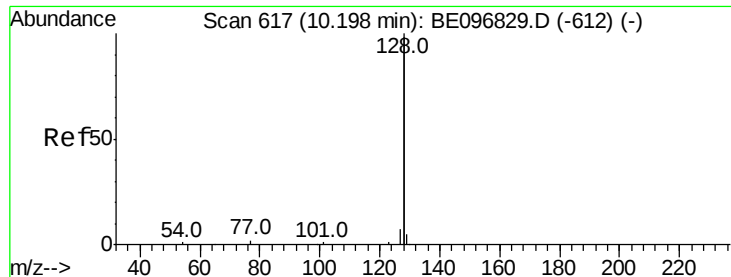
Abundance

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

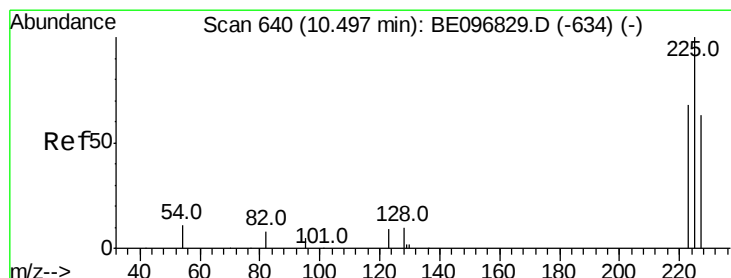
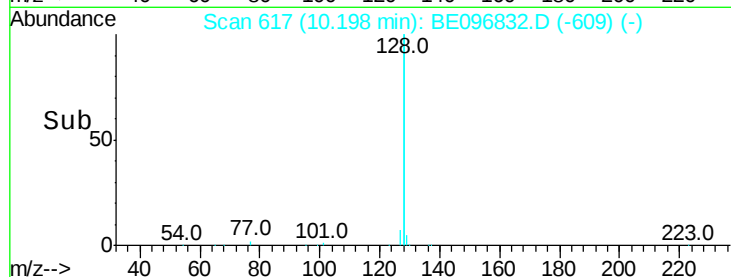
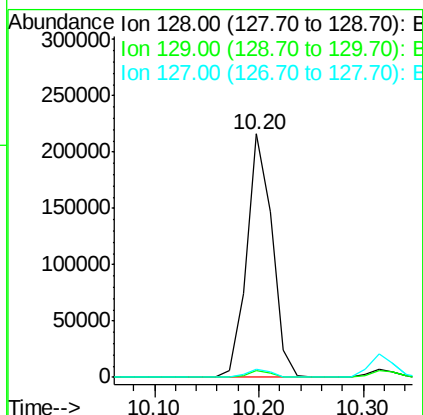
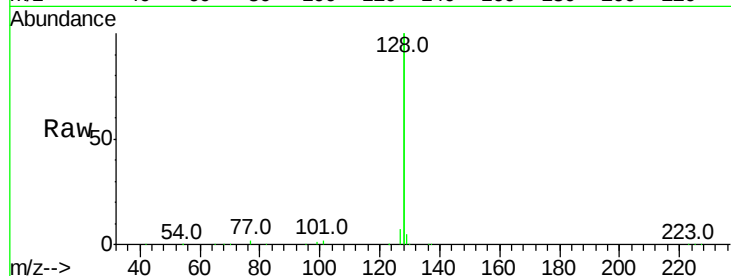




#9
Naphthalene
Concen: 3.052 ng
RT: 10.20 min Scan# 617
Delta R.T. -0.00 min
Lab File: BE096832.D
Acq: 20 Jun 2018 12:49

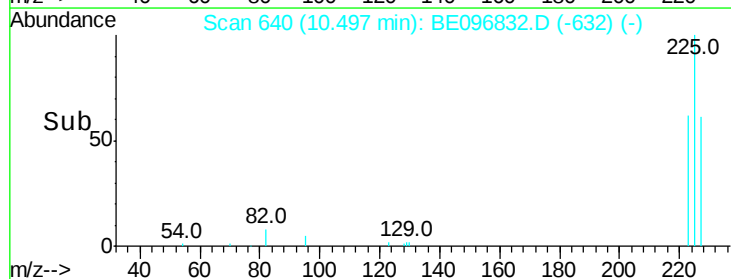
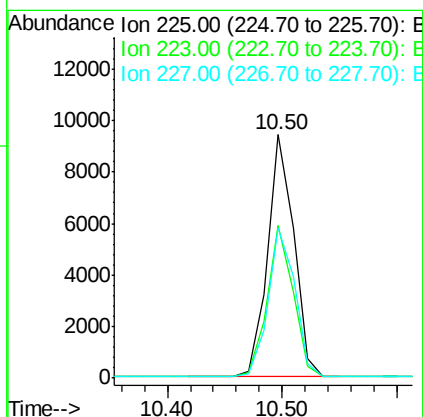
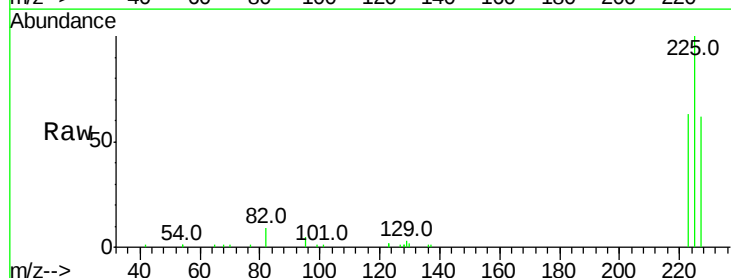
Instrument :
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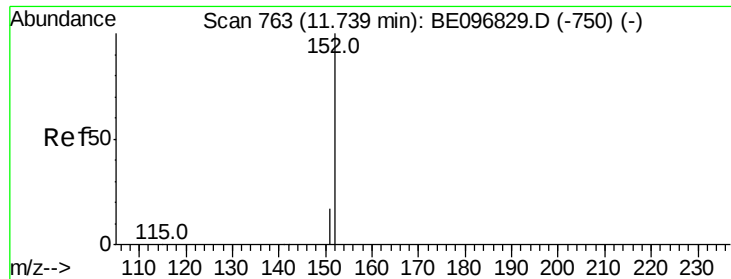
Tot Ion:128 Resp: 364856
Ion Ratio Lower Upper
128 100
129 2.7 2.6 3.8
127 3.3 2.8 4.2



#10
Hexachlorobutadiene
Concen: 3.016 ng
RT: 10.50 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE096832.D
Acq: 20 Jun 2018 12:49

Tgt Ion:225 Resp: 15038
Ion Ratio Lower Upper
225 100
223 61.8 53.0 79.6
227 62.9 51.4 77.2

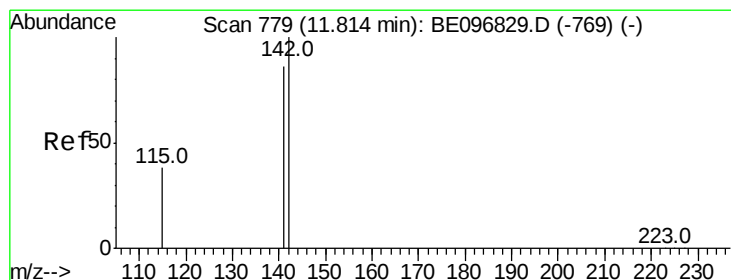
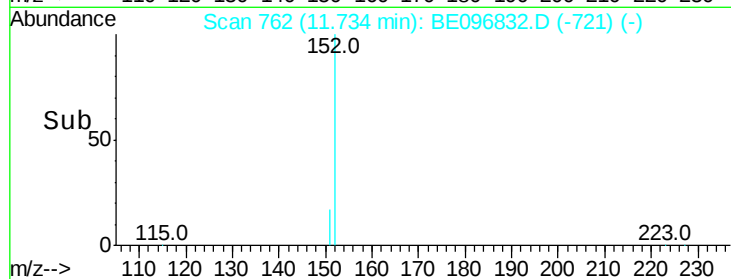
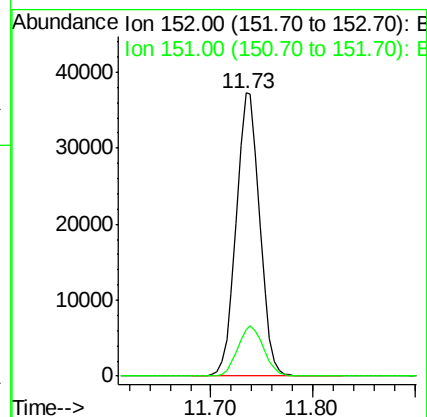
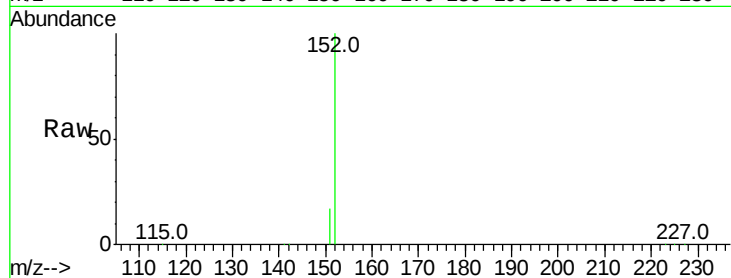




#11
2-Methylnaphthalene-d10
Concen: 3.071 ng
RT: 11.73 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE096832.D
Acq: 20 Jun 2018 12:49

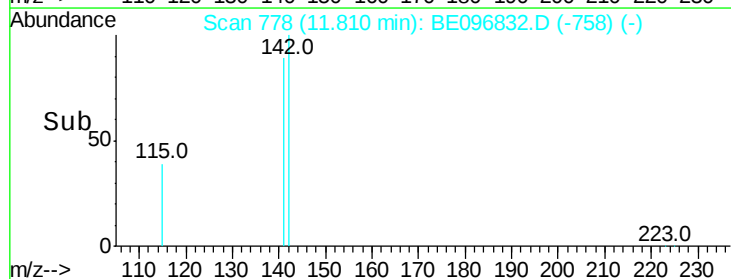
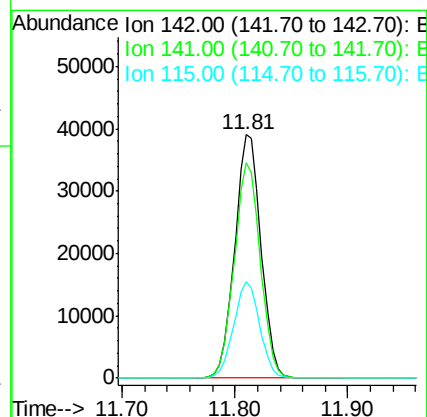
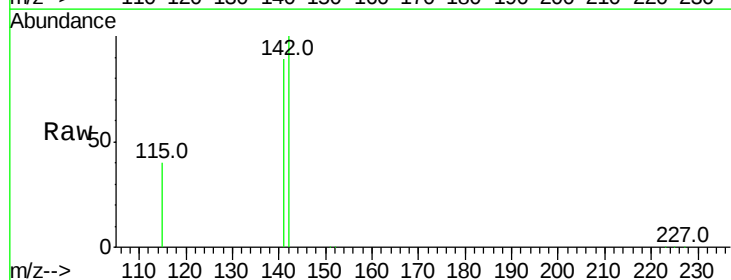
Instrument :
BNA_E
ClientSampleId :

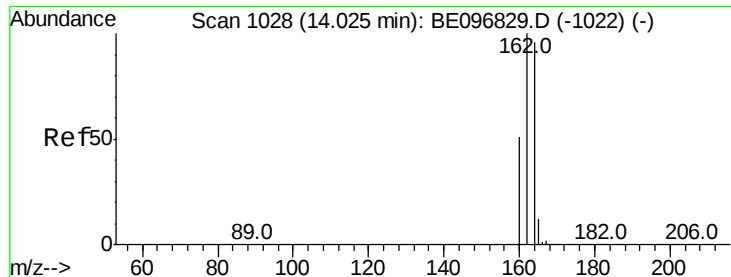
Tot Ion:152 Resp: 59653
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.0



#12
2-Methylnaphthalene
Concen: 3.132 ng
RT: 11.81 min Scan# 778
Delta R.T. -0.00 min
Lab File: BE096832.D
Acq: 20 Jun 2018 12:49

Tgt Ion:142 Resp: 62789
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6
115 39.6 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

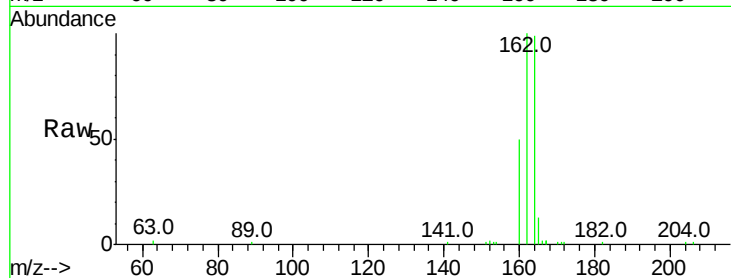
Tot Ion:164 Resp: 7045

Ion Ratio Lower Upper

164 100

162 100.6 83.1 124.7

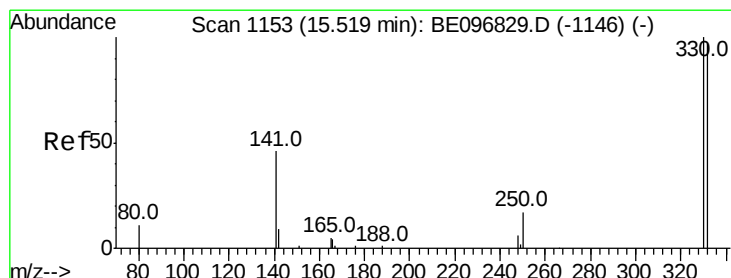
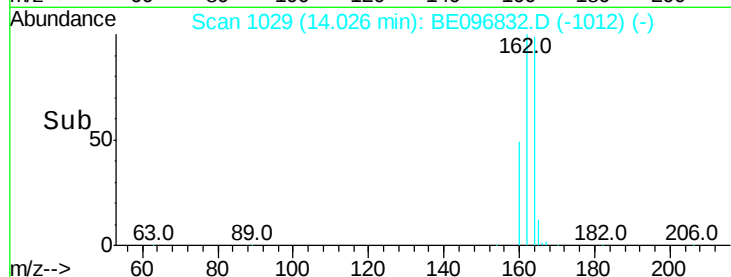
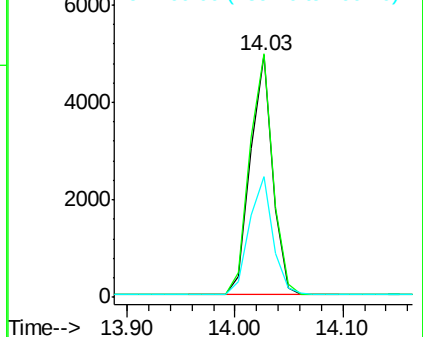
160 50.0 37.1 55.7



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: 5.341 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

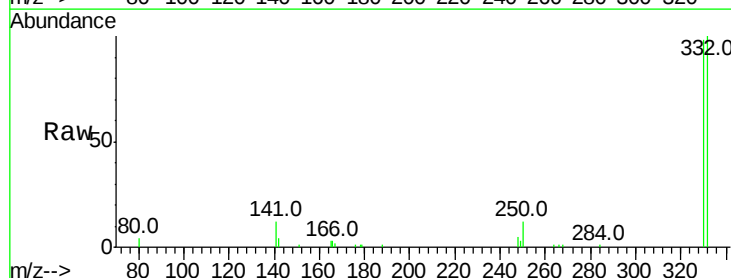
Tgt Ion:330 Resp: 7778

Ion Ratio Lower Upper

330 100

332 96.3 152.7 229.1#

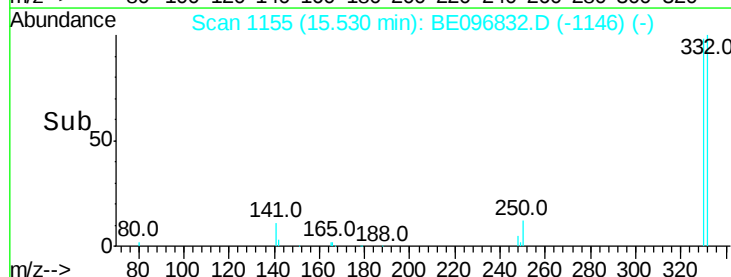
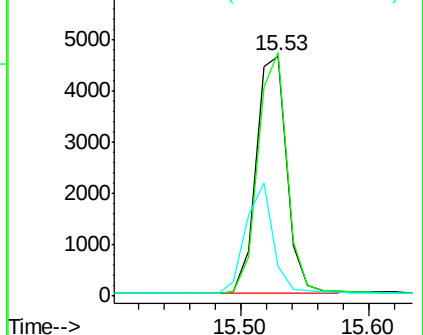
141 41.5 33.7 50.5

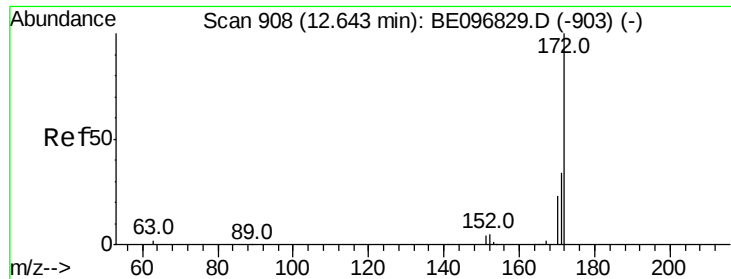


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

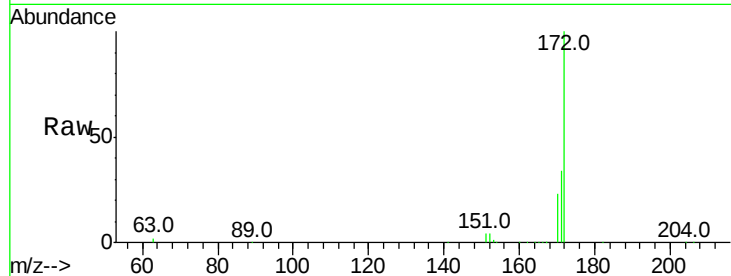




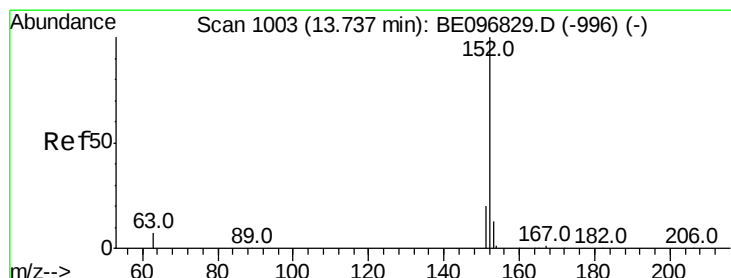
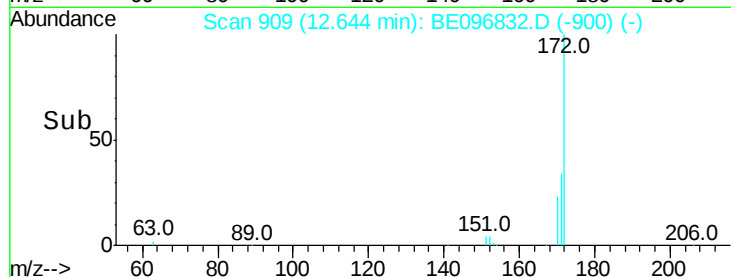
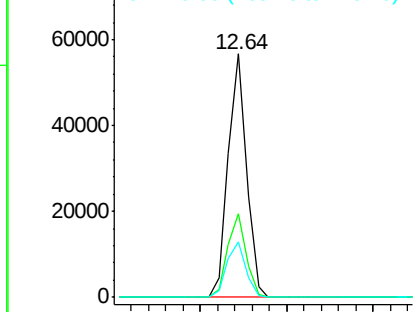
#15
2-Fluorobiphenyl
Concen: 2.878 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE096832.D
Acq: 20 Jun 2018 12:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 83376
Ion Ratio Lower Upper
172 100
171 34.4 29.9 44.9
170 23.0 21.8 32.8

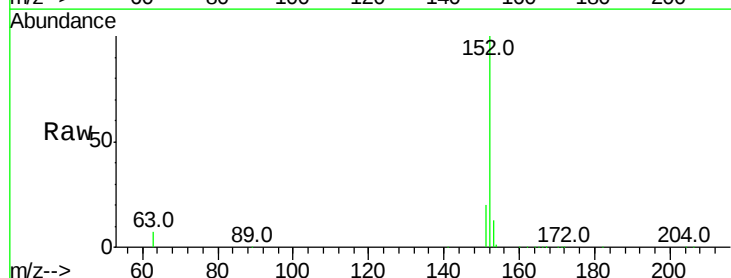


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

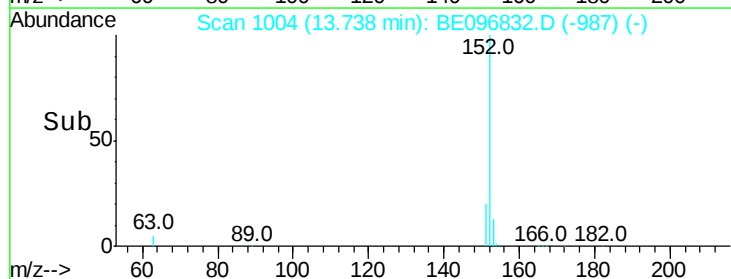
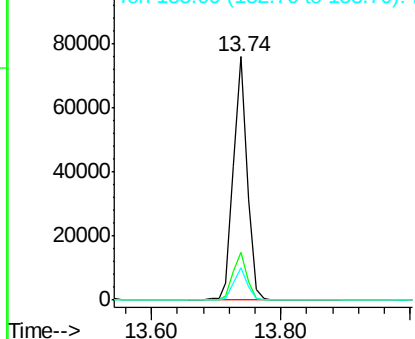


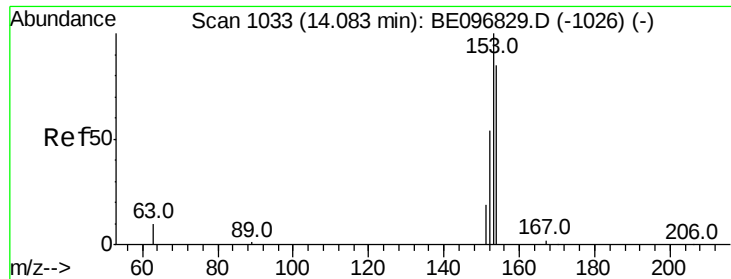
#16
Acenaphthylene
Concen: 3.333 ng
RT: 13.74 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE096832.D
Acq: 20 Jun 2018 12:49

Tgt Ion:152 Resp: 110744
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.0 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

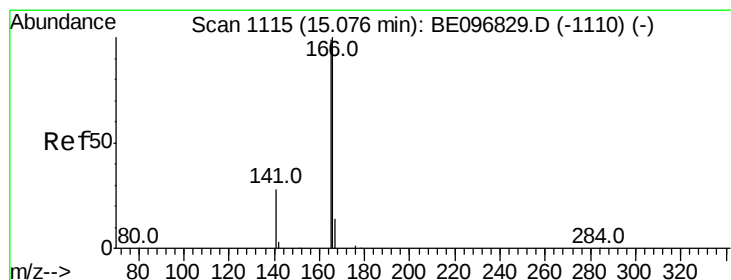
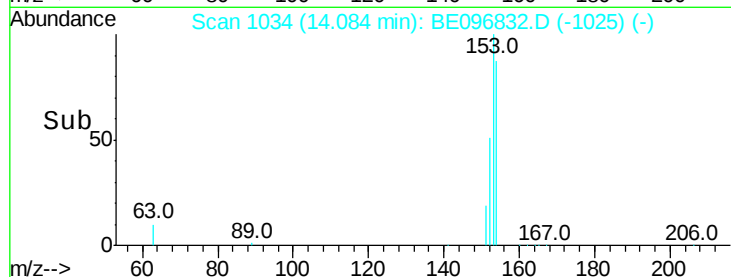
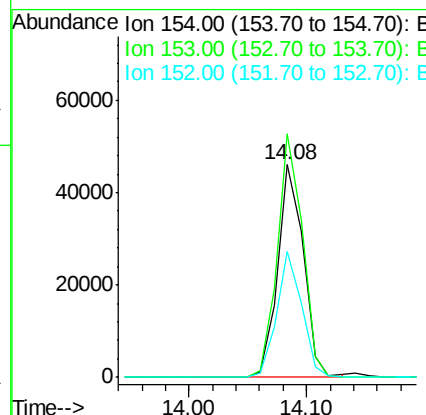
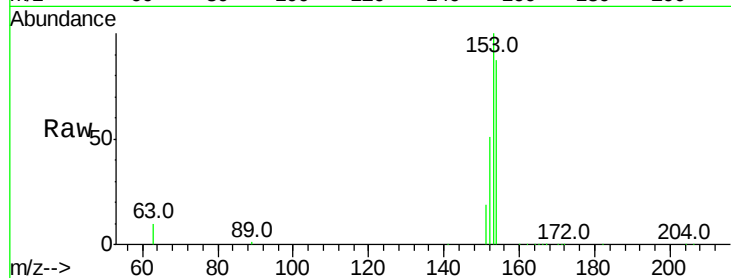




#17
Acenaphthene
Concen: 3.092 ng
RT: 14.08 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BE096832.D
Acq: 20 Jun 2018 12:49

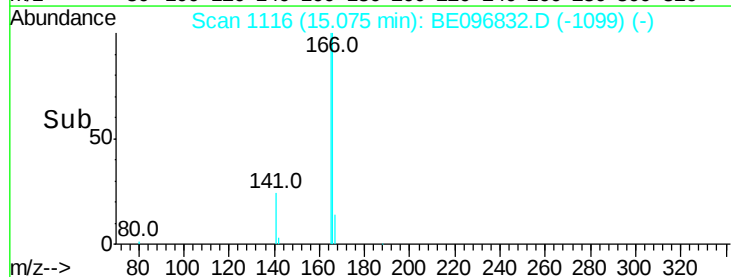
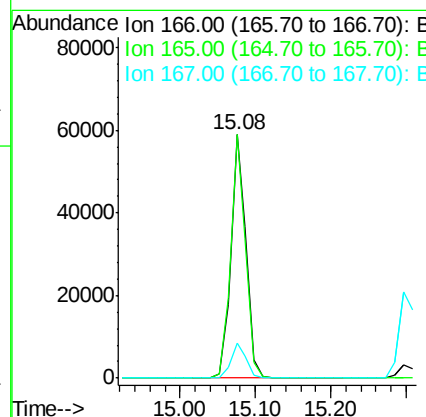
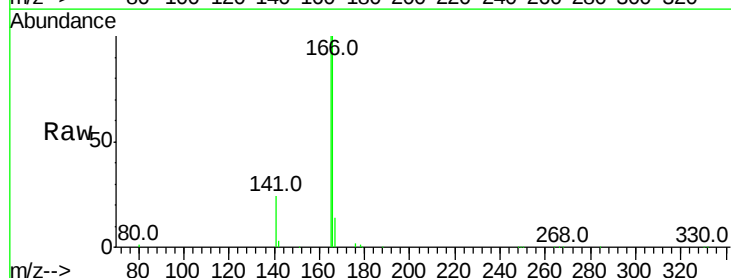
Instrument :
BNA_E
ClientSampleId :

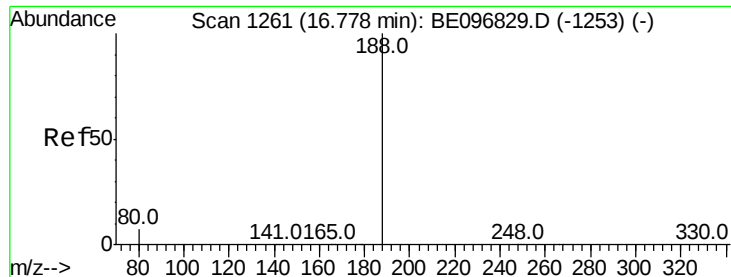
Tot Ion:154 Resp: 69069
Ion Ratio Lower Upper
154 100
153 112.4 89.2 133.8
152 57.7 42.0 63.0



#18
Fluorene
Concen: 3.162 ng
RT: 15.08 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE096832.D
Acq: 20 Jun 2018 12:49

Tgt Ion:166 Resp: 83519
Ion Ratio Lower Upper
166 100
165 98.7 77.8 116.6
167 14.4 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

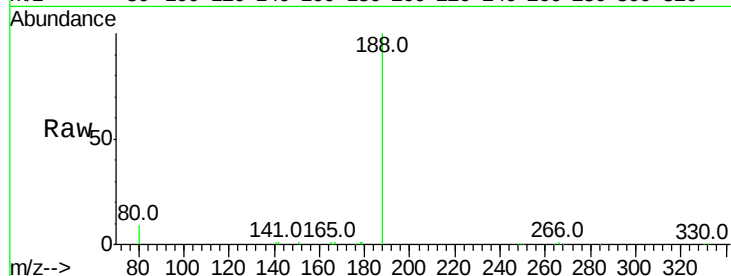
Tot Ion:188 Resp: 17509

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

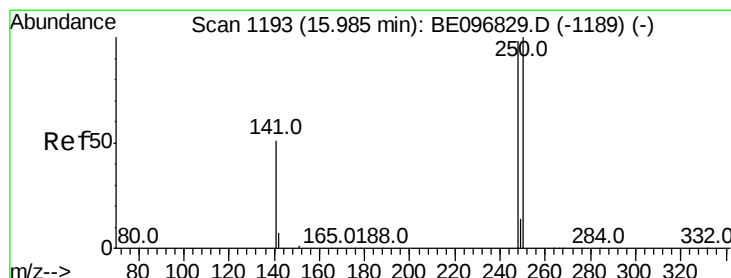
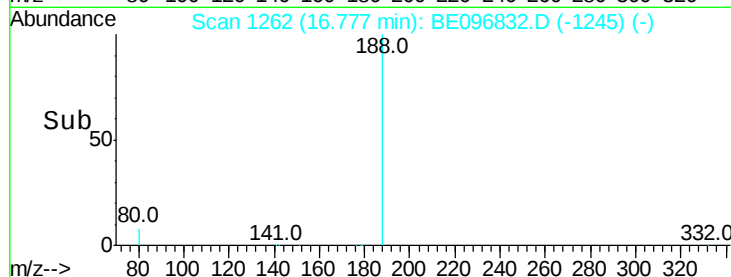
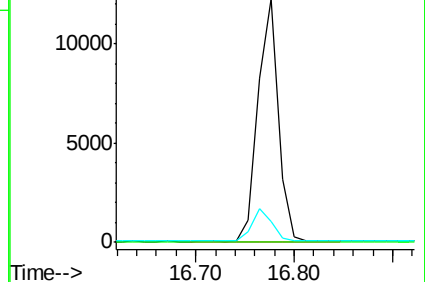
80 8.6 3.6 5.4#



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: 3.301 ng

RT: 15.98 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

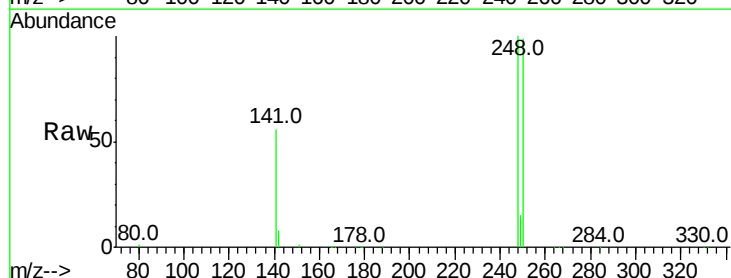
Tgt Ion:248 Resp: 28189

Ion Ratio Lower Upper

248 100

250 98.8 62.7 94.1#

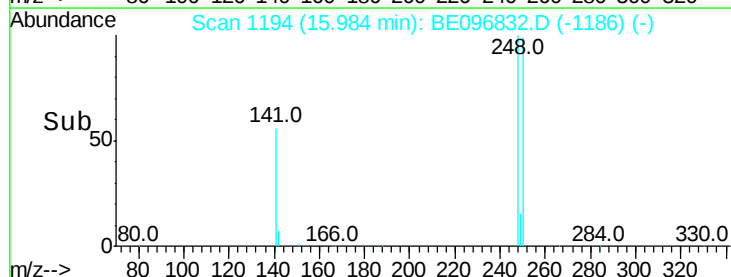
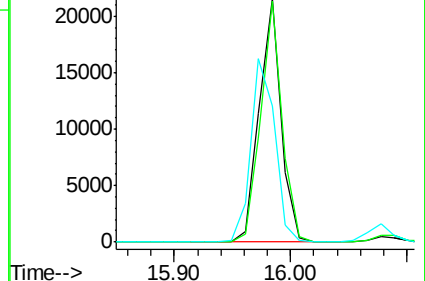
141 55.9 48.2 72.2

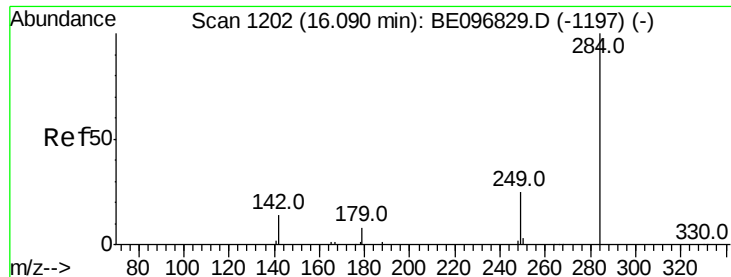


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.012 ng

RT: 16.09 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

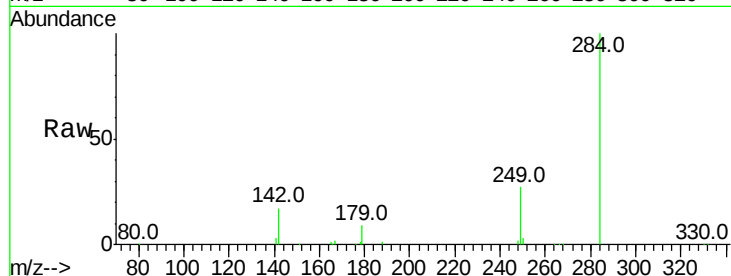
Tot Ion:284 Resp: 30206

Ion Ratio Lower Upper

284 100

142 39.7 22.1 33.1#

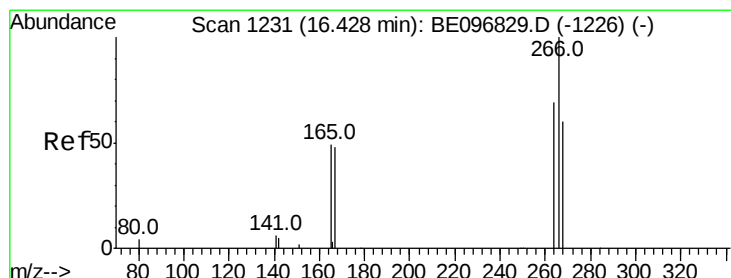
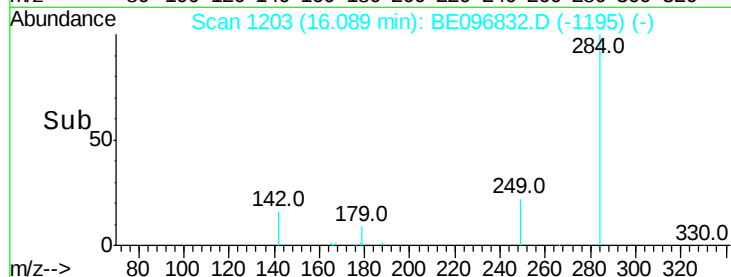
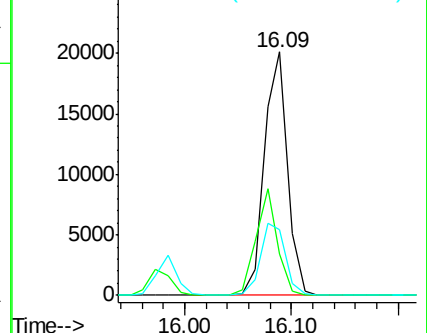
249 31.5 34.8 52.2#



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: 5.594 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

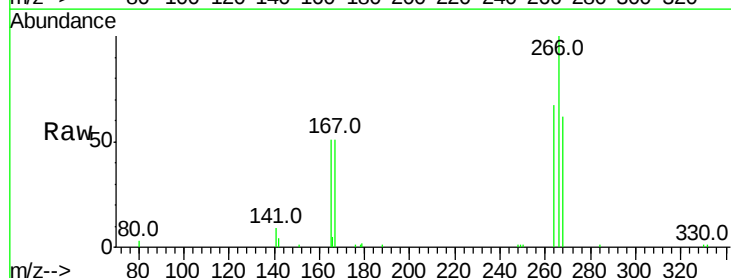
Tgt Ion:266 Resp: 8716

Ion Ratio Lower Upper

266 100

264 66.6 72.5 108.7#

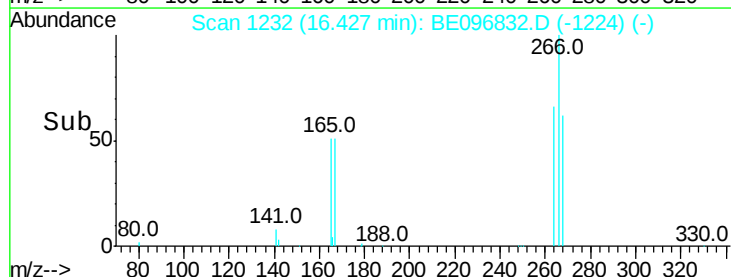
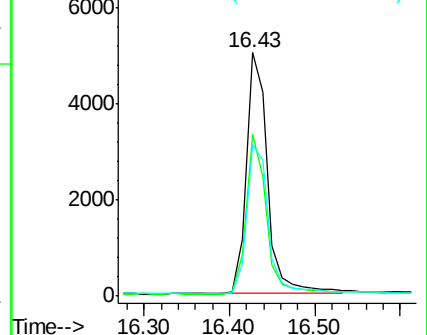
268 62.1 73.8 110.6#

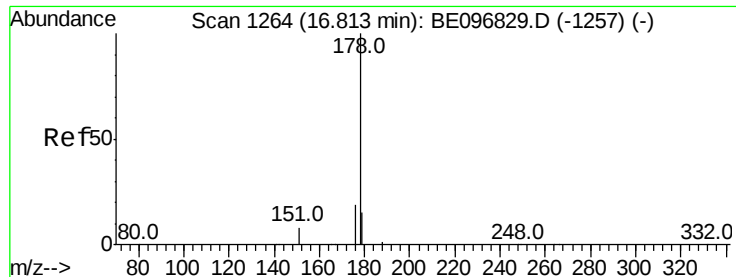


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.160 ng

RT: 16.81 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

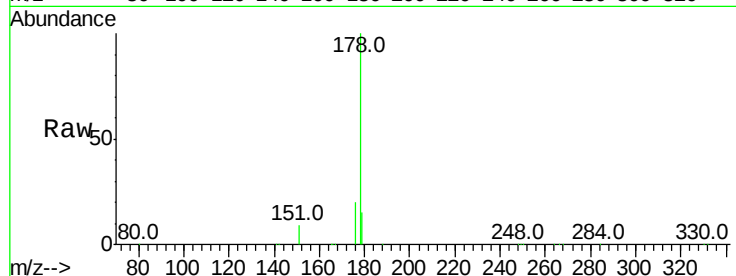
Tot Ion:178 Resp: 150398

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

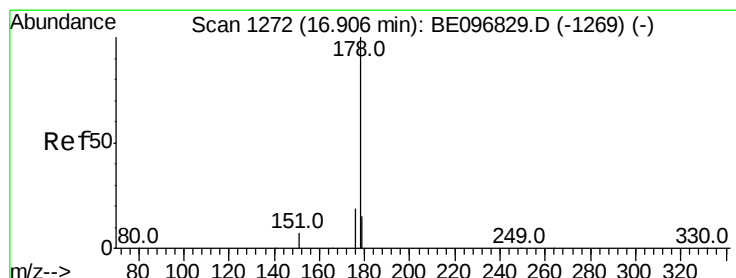
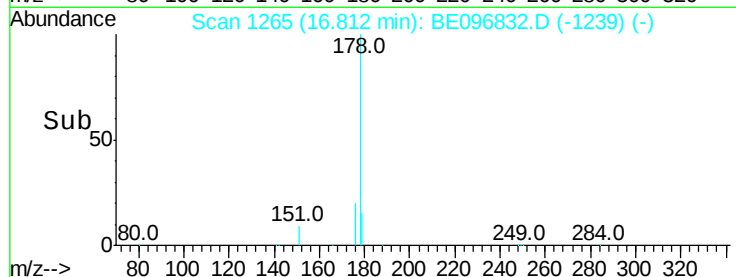
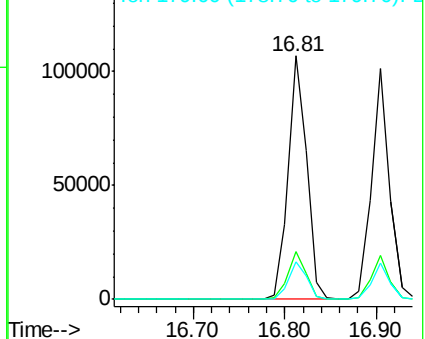
179 15.3 11.8 17.6



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: 3.532 ng

RT: 16.90 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

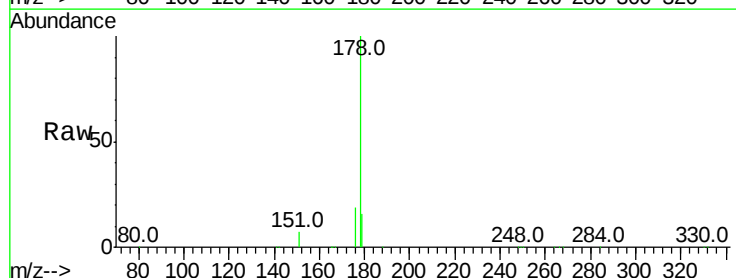
Tgt Ion:178 Resp: 137948

Ion Ratio Lower Upper

178 100

176 18.8 12.8 19.2

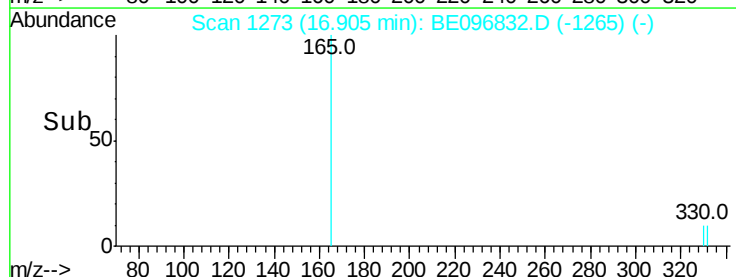
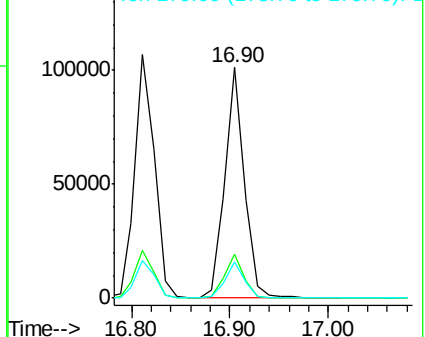
179 15.4 13.0 19.6

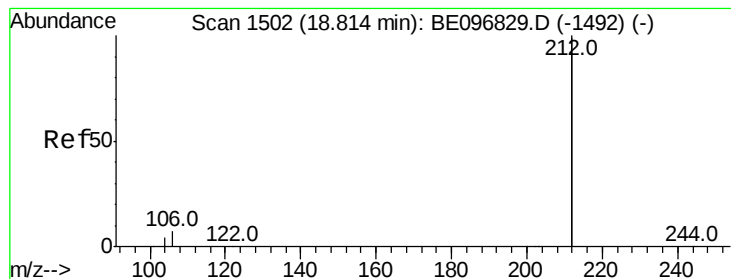


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.546 ng

RT: 18.81 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

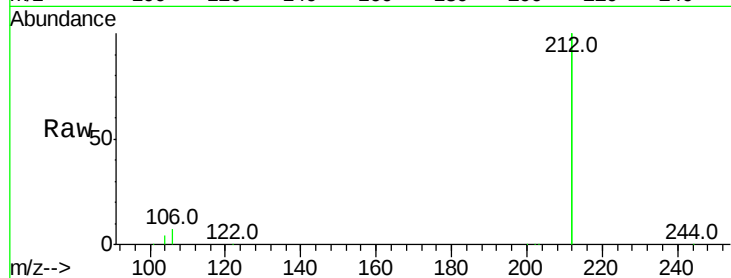
Tot Ion:212 Resp: 607708

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

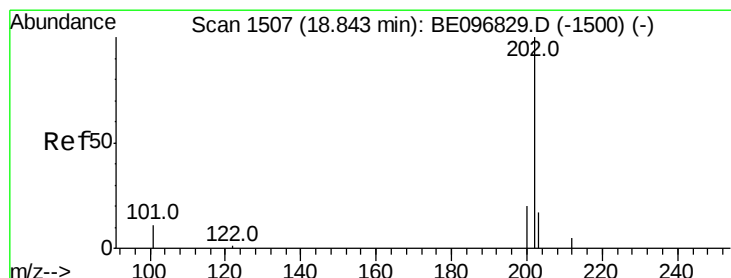
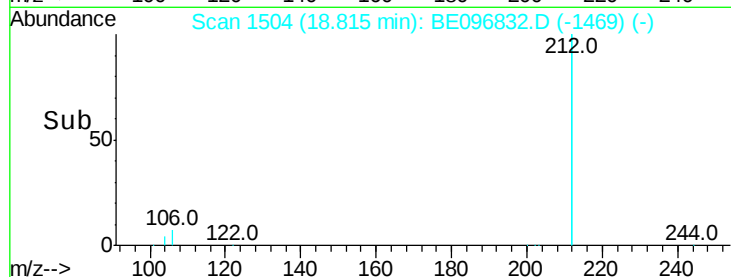
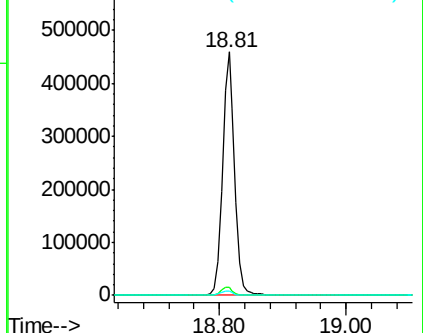
104 2.0 1.6 2.4



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: 3.586 ng

RT: 18.84 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

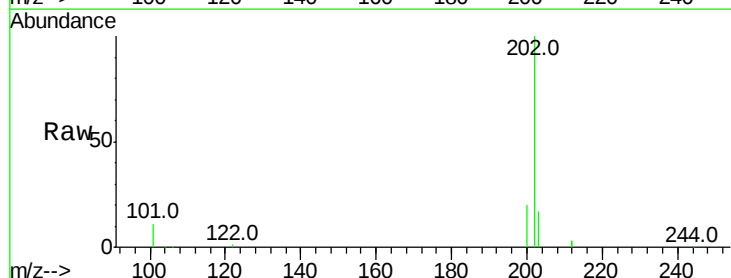
Tgt Ion:202 Resp: 180641

Ion Ratio Lower Upper

202 100

101 11.6 9.8 14.8

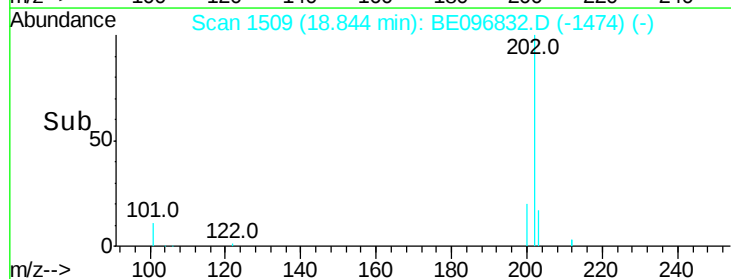
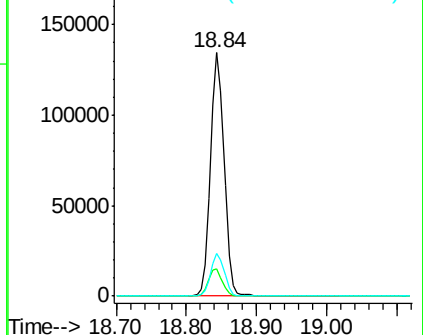
203 17.4 13.7 20.5



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# 1788

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

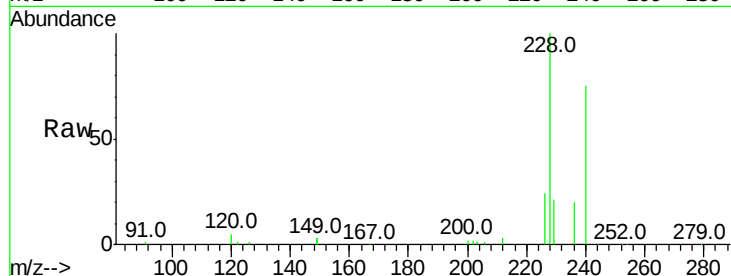
Tot Ion:240 Resp: 19248

Ion Ratio Lower Upper

240 100

120 7.1 5.5 8.3

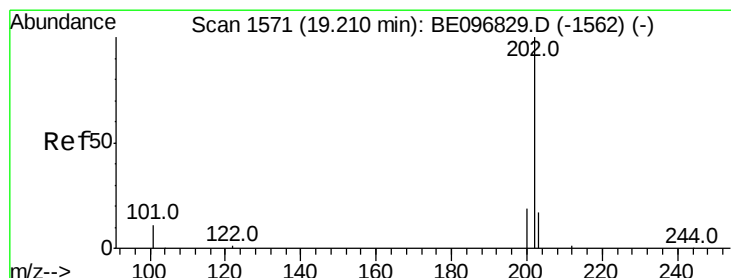
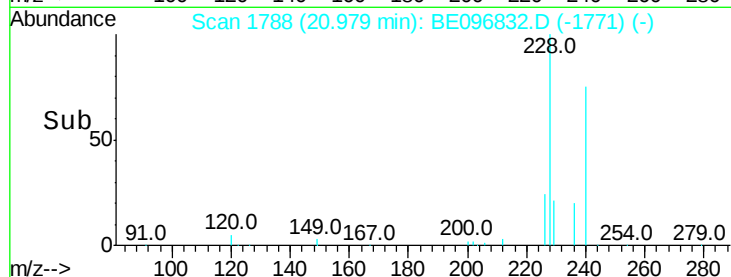
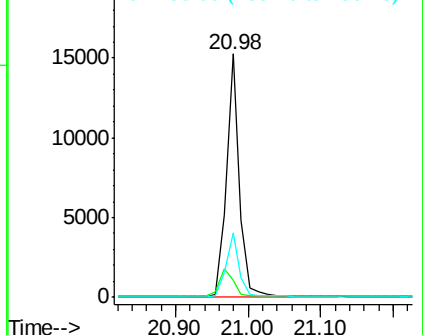
236 26.6 20.7 31.1



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: 2.823 ng

RT: 19.21 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

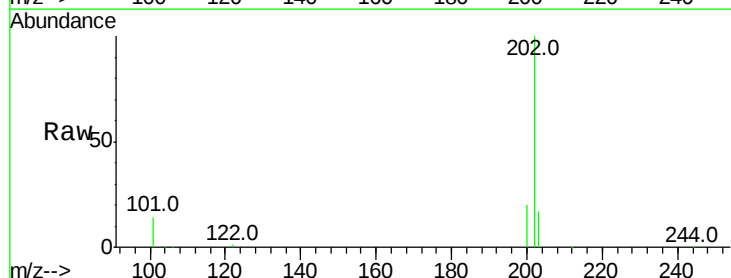
Tgt Ion:202 Resp: 178505

Ion Ratio Lower Upper

202 100

200 20.0 16.6 25.0

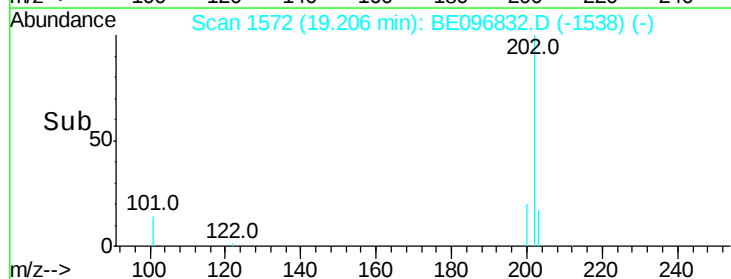
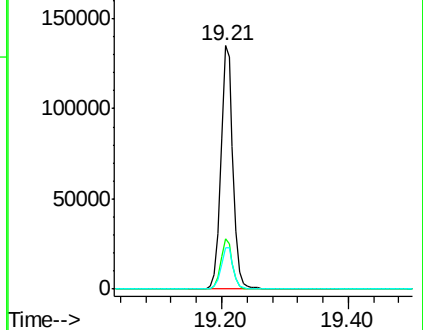
203 17.5 13.8 20.8

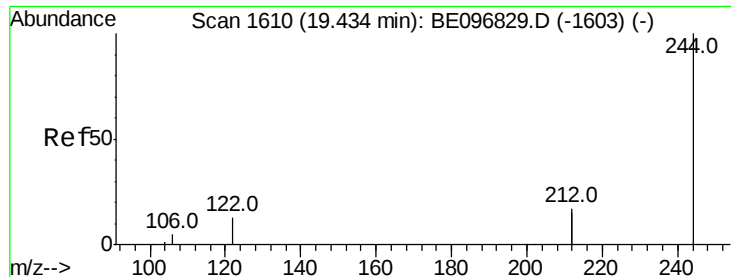


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 2.738 ng

RT: 19.44 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

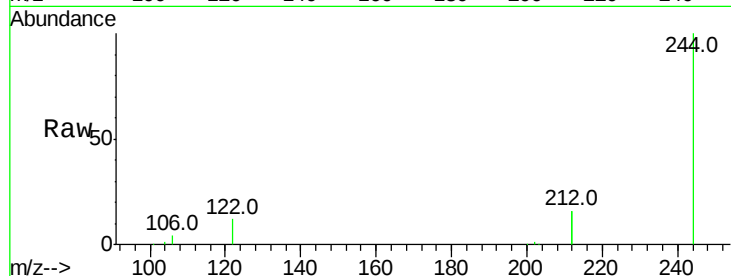
Tot Ion:244 Resp: 119434

Ion Ratio Lower Upper

244 100

212 31.2 25.4 38.0

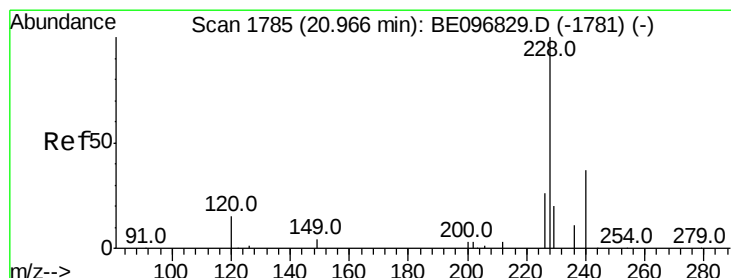
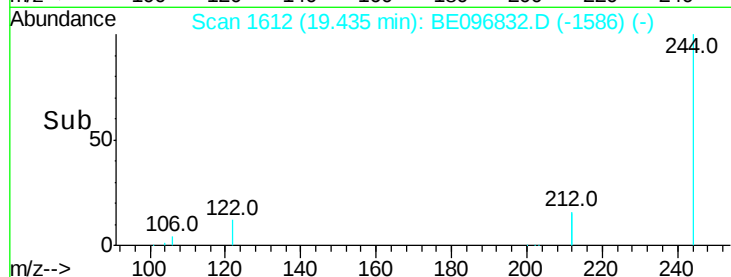
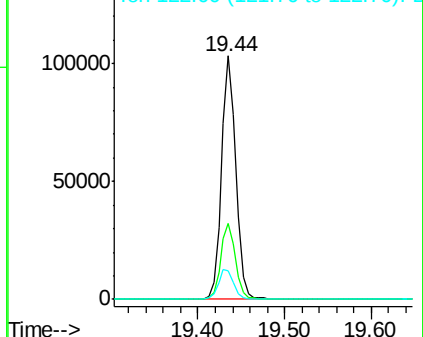
122 12.0 8.1 12.1



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: 3.463 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

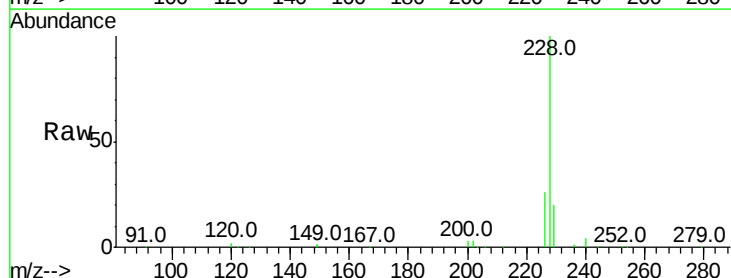
Tgt Ion:228 Resp: 161561

Ion Ratio Lower Upper

228 100

226 26.2 24.0 36.0

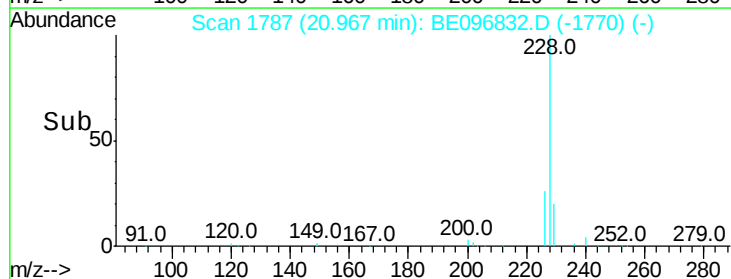
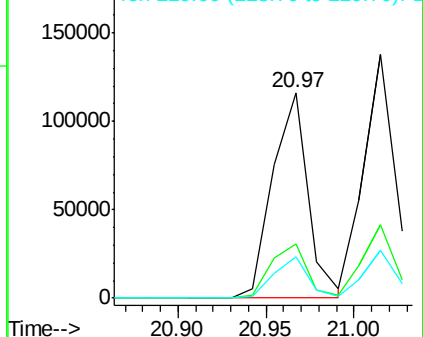
229 20.4 16.0 24.0

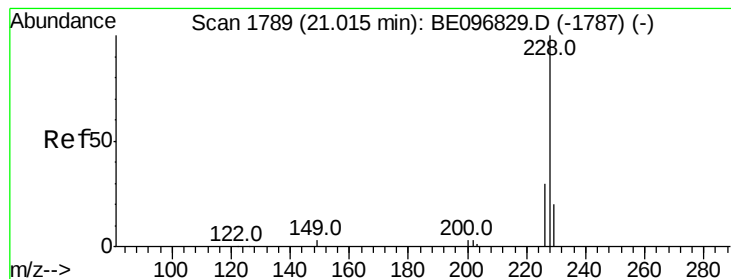


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 2.921 ng

RT: 21.02 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

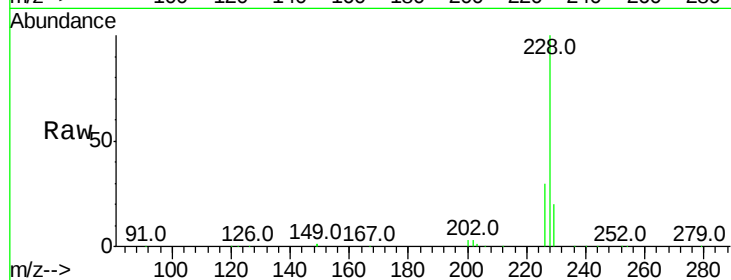
Tot Ion:228 Resp: 171650

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

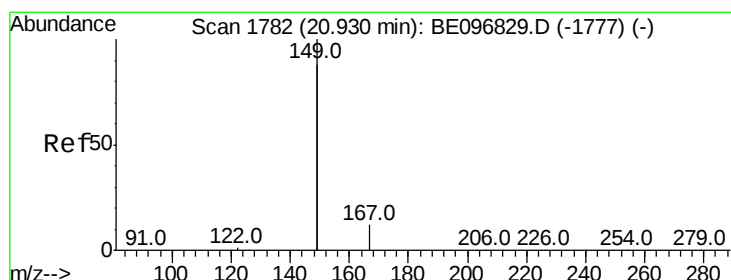
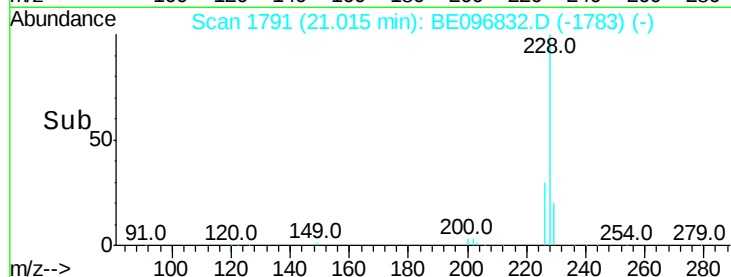
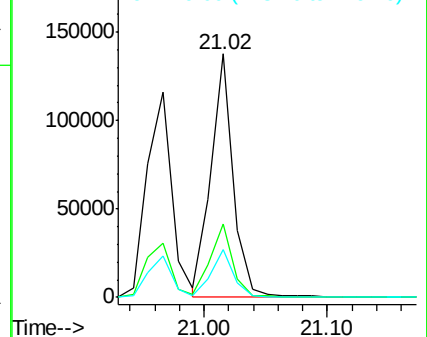
229 19.5 16.0 24.0



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: 4.763 ng

RT: 20.93 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

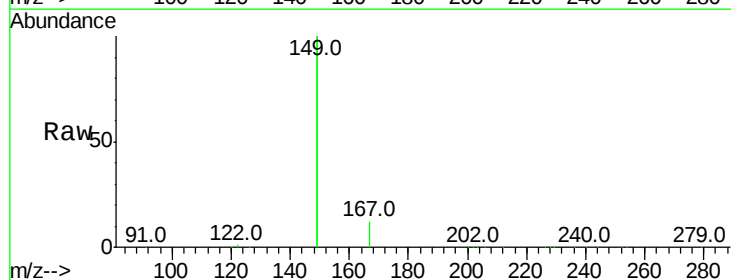
Tgt Ion:149 Resp: 166989

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

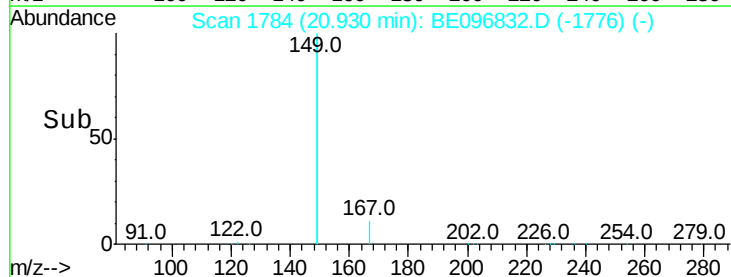
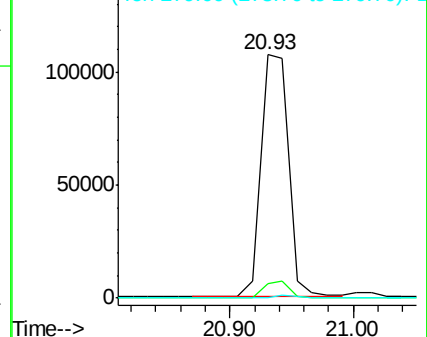
279 0.8 0.7 1.1



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

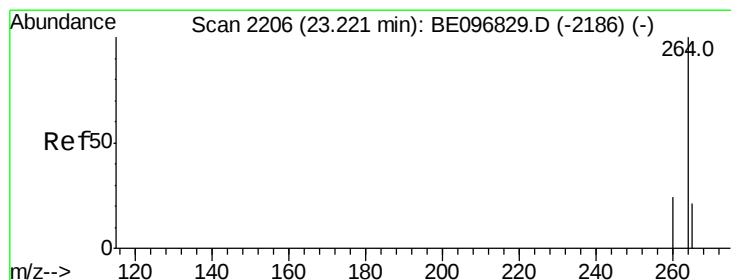
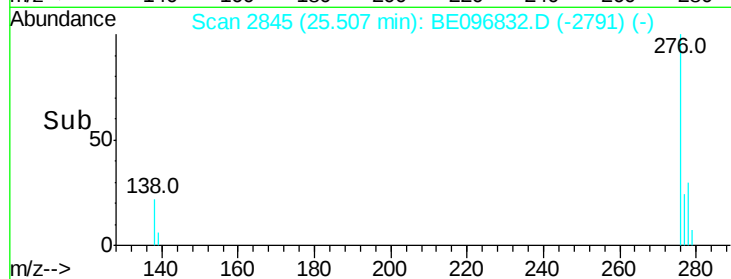
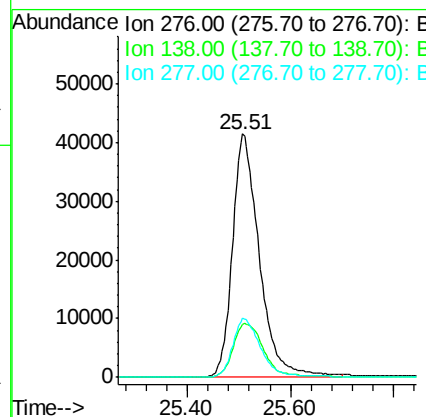
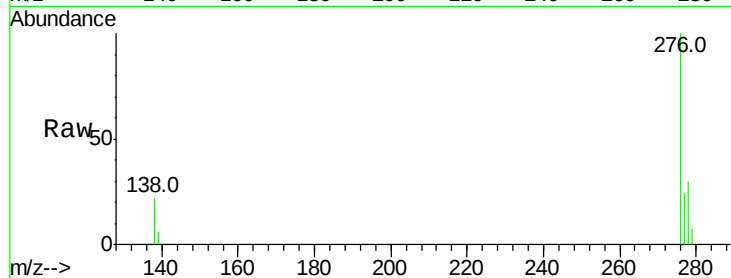




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.390 ng
 RT: 25.51 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BE096832.D
 Acq: 20 Jun 2018 12:49

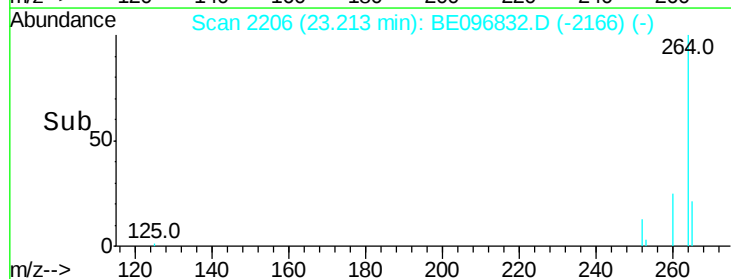
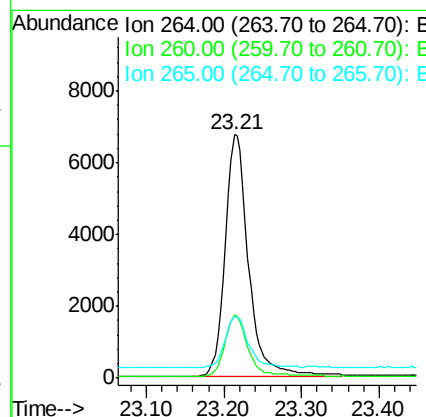
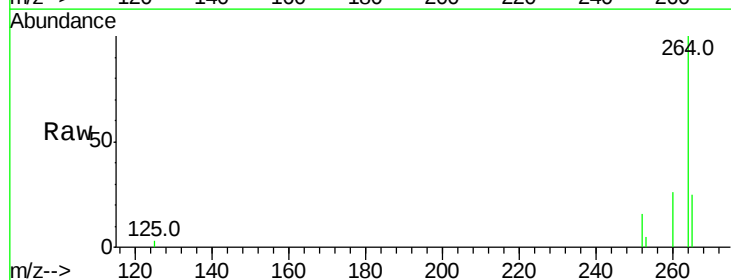
Instrument :
 BNA_E
 ClientSampleId :

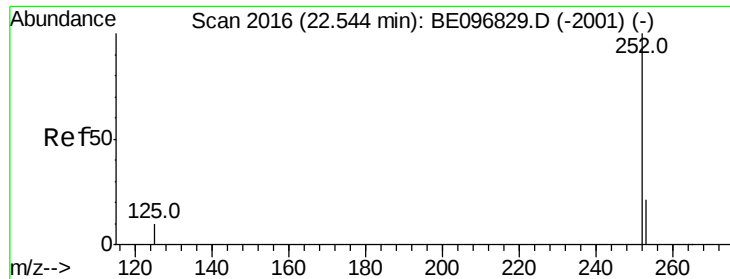
Tot Ion:276 Resp: 149535
 Ion Ratio Lower Upper
 276 100
 138 25.0 22.5 33.7
 277 25.0 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BE096832.D
 Acq: 20 Jun 2018 12:49

Tgt Ion:264 Resp: 14106
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.5 30.7
 265 25.4 22.8 34.2

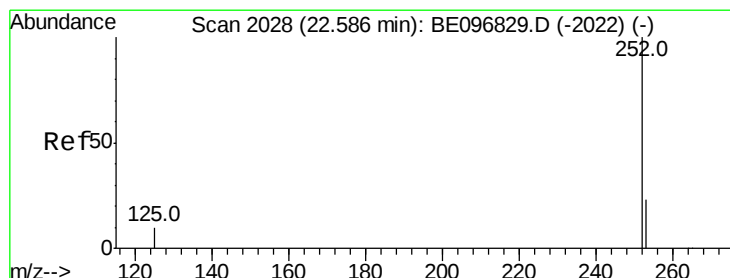
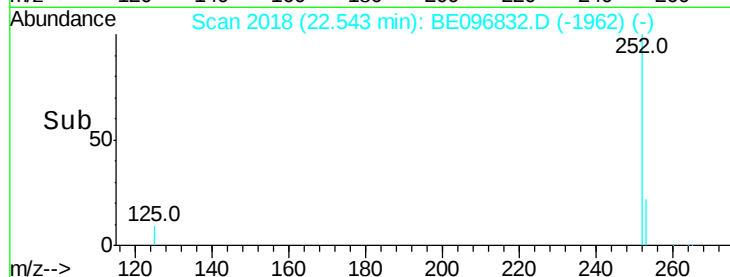
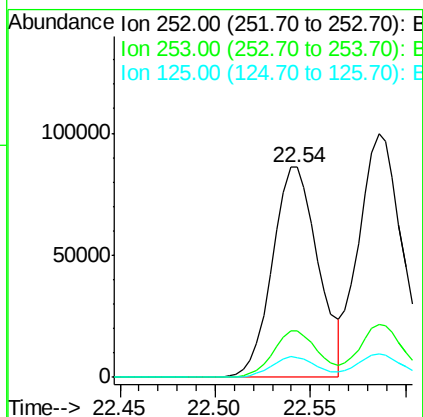
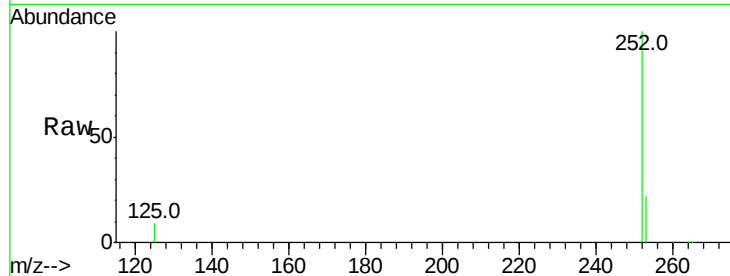




#35
Benzo(b)fluoranthene
Concen: 3.714 ng
RT: 22.54 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE096832.D
Acq: 20 Jun 2018 12:49

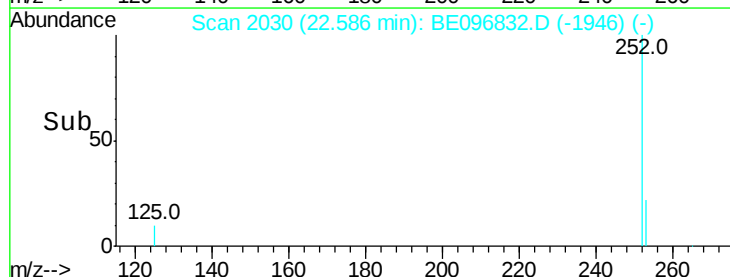
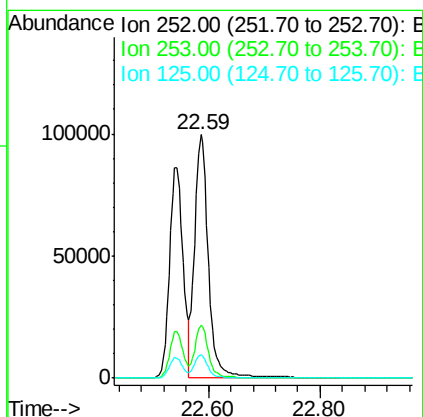
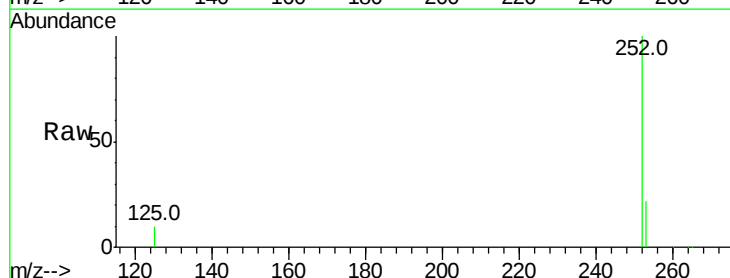
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 143977
Ion Ratio Lower Upper
252 100
253 21.9 20.0 30.0
125 9.4 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 3.660 ng
RT: 22.59 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BE096832.D
Acq: 20 Jun 2018 12:49

Tgt Ion:252 Resp: 168742
Ion Ratio Lower Upper
252 100
253 21.7 16.0 24.0
125 9.7 8.0 12.0

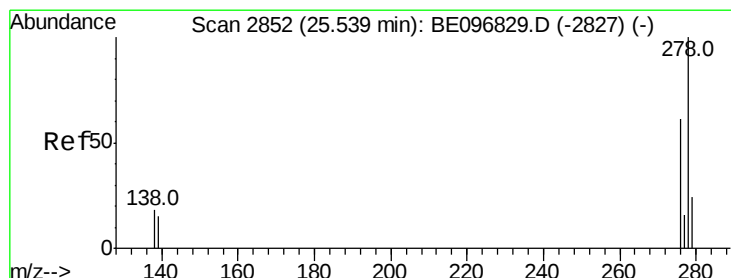
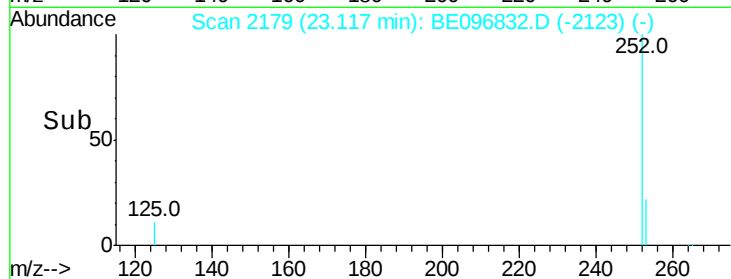
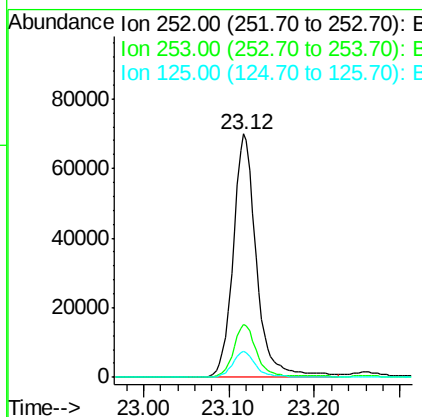
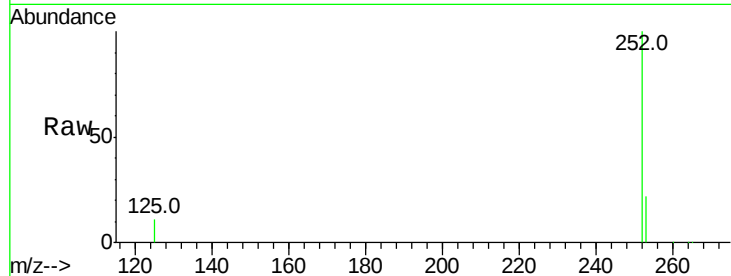




#37
Benzo(a)pyrene
Concen: 3.905 ng
RT: 23.12 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BE096832.D
Acq: 20 Jun 2018 12:49

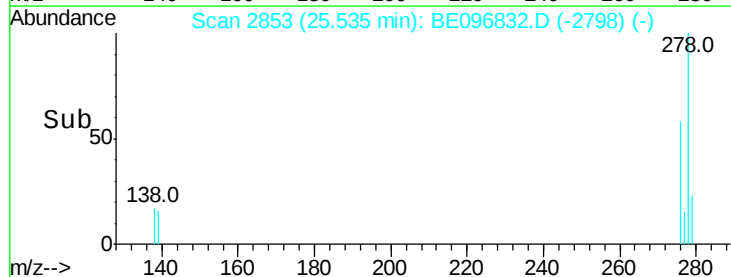
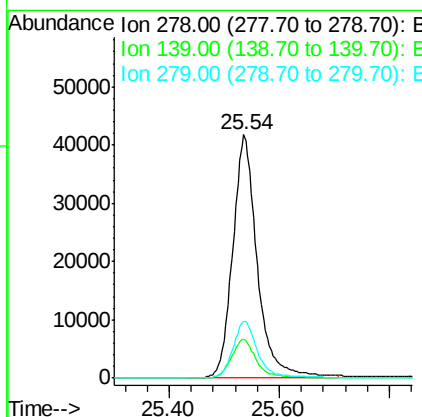
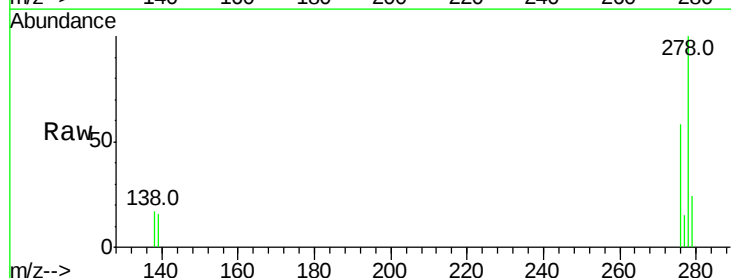
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 131429
Ion Ratio Lower Upper
252 100
253 21.9 16.0 24.0
125 10.8 12.0 18.0#



#38
Dibenzo(a,h)anthracene
Concen: 4.000 ng
RT: 25.54 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BE096832.D
Acq: 20 Jun 2018 12:49

Tgt Ion:278 Resp: 129166
Ion Ratio Lower Upper
278 100
139 15.7 16.0 24.0#
279 23.5 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 3.602 ng

RT: 26.21 min Scan# 3041

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

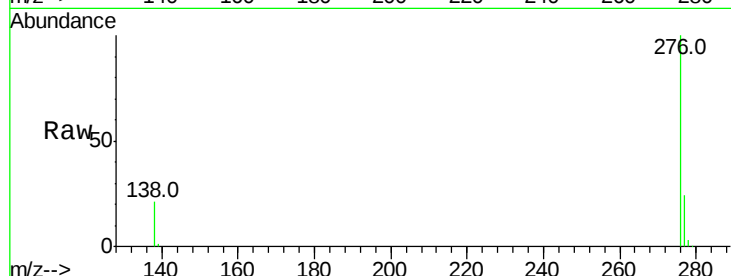
Tot Ion:276 Resp: 128795

Ion Ratio Lower Upper

276 100

277 24.1 16.0 24.0#

138 21.3 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

