

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062018\
 Data File : BE096830.D
 Acq On : 20 Jun 2018 11:38
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 20 12:27:20 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	1931	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	9258	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	5189	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	13504	0.40	ng	0.00
27) Chrysene-d12	20.98	240	11967	0.40	ng	0.00
34) Perylene-d12	23.21	264	8804	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	4535	1.07	ng	0.00
5) Phenol-d6	6.60	99	6906	1.09	ng	0.00
8) Nitrobenzene-d5	8.53	82	6193	1.20	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	15246	1.03	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	1369	1.28	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	21655	1.01	ng	0.00
25) Fluoranthene-d10	18.82	212	138768	1.05	ng	0.00
29) Terphenyl-d14	19.44	244	27057	1.00	ng	0.00

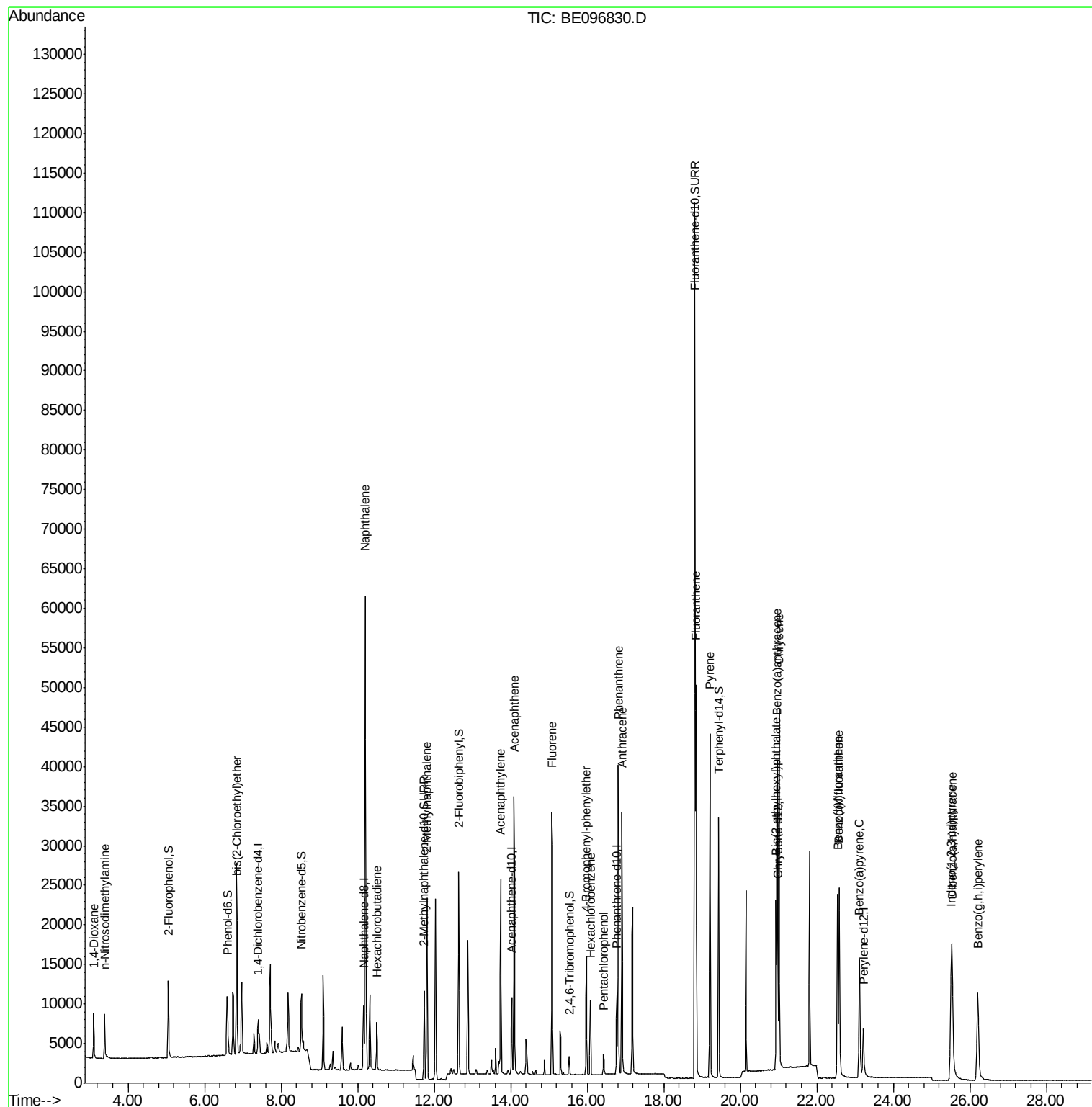
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	3212	1.027	ng	# 87
3) n-Nitrosodimethylamine	3.38	42	3516	1.067	ng	# 88
6) bis(2-Chloroethyl)ether	6.85	93	7652	1.026	ng	99
9) Naphthalene	10.20	128	94573	1.040	ng	99
10) Hexachlorobutadiene	10.50	225	3880	1.023	ng	98
12) 2-Methylnaphthalene	11.81	142	15868	1.040	ng	99
16) Acenaphthylene	13.74	152	25955	1.060	ng	100
17) Acenaphthene	14.08	154	16997	1.033	ng	94
18) Fluorene	15.07	166	20221	1.039	ng	# 80
20) 4-Bromophenyl-phenylether	15.98	248	7005	1.064	ng	# 85
21) Hexachlorobenzene	16.09	284	7963	1.030	ng	# 80
22) Pentachlorophenol	16.43	266	1371	1.141	ng	# 71
23) Phenanthrene	16.81	178	38043	1.036	ng	99
24) Anthracene	16.90	178	32109	1.066	ng	96
26) Fluoranthene	18.84	202	42217	1.087	ng	99
28) Pyrene	19.21	202	39615	1.008	ng	99
30) Benzo(a)anthracene	20.97	228	31226	1.076	ng	96
31) Chrysene	21.02	228	37348	1.022	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	24604	1.129	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	27399	0.999	ng	96
35) Benzo(b)fluoranthene	22.54	252	28652	1.184	ng	# 87
36) Benzo(k)fluoranthene	22.58	252	33736	1.172	ng	97
37) Benzo(a)pyrene	23.11	252	23893	1.137	ng	# 94
38) Dibenzo(a,h)anthracene	25.54	278	23825	1.182	ng	95
39) Benzo(g,h,i)perylene	26.21	276	25302	1.134	ng	93

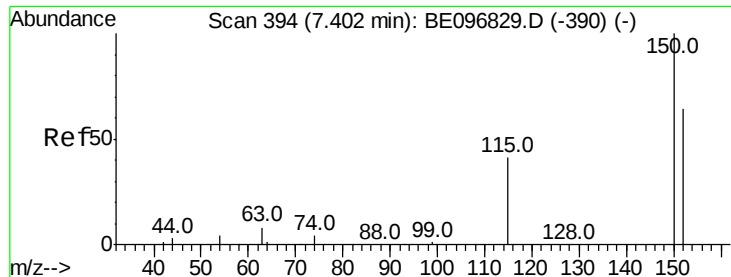
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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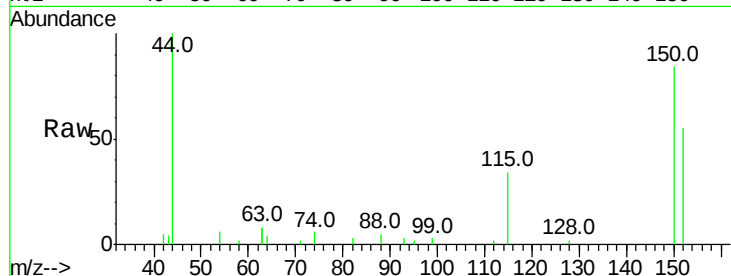


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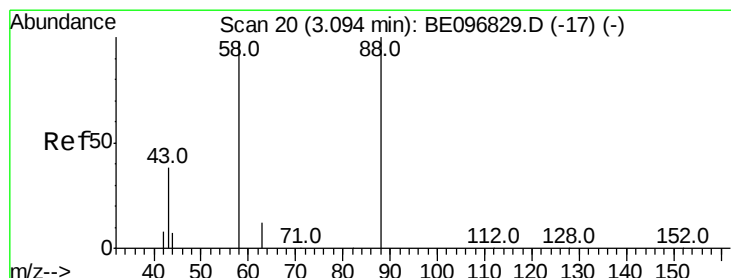
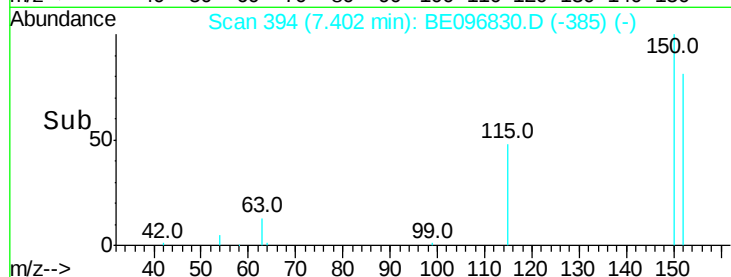
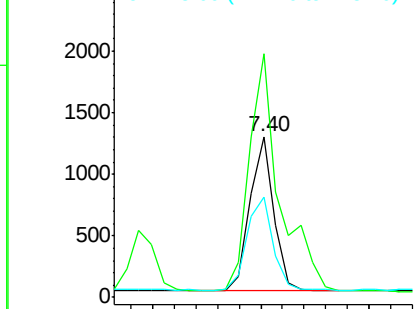
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1931
Ion Ratio Lower Upper
152 100
150 151.6 117.2 175.8
115 62.1 57.0 85.6



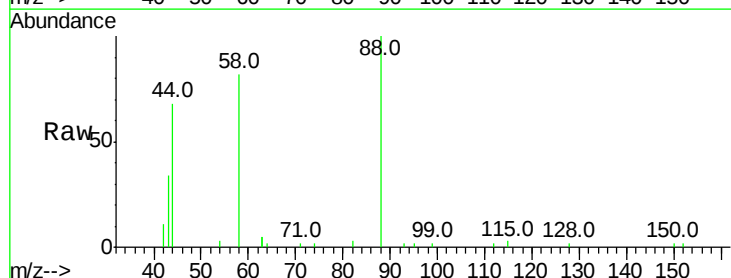
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



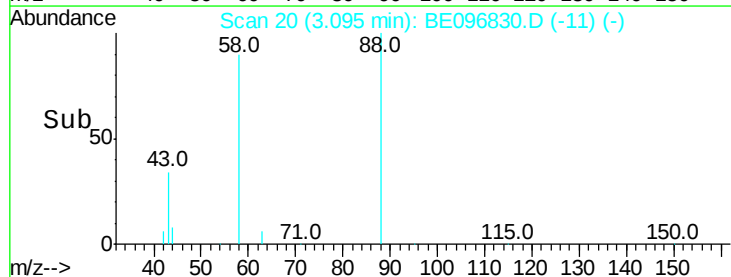
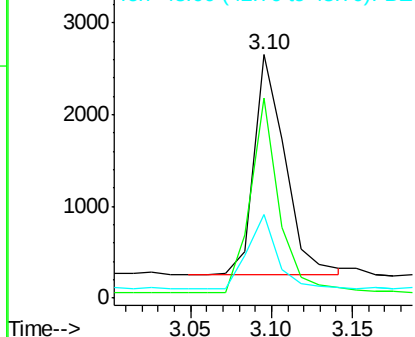
#2

1,4-Dioxane
Concen: 1.027 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Tgt Ion: 88 Resp: 3212
Ion Ratio Lower Upper
88 100
58 82.7 63.2 94.8
43 32.6 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: 1.067 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

Instrument :

BNA_E

ClientSampleId :

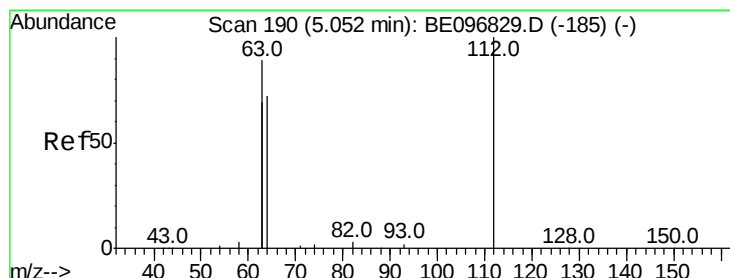
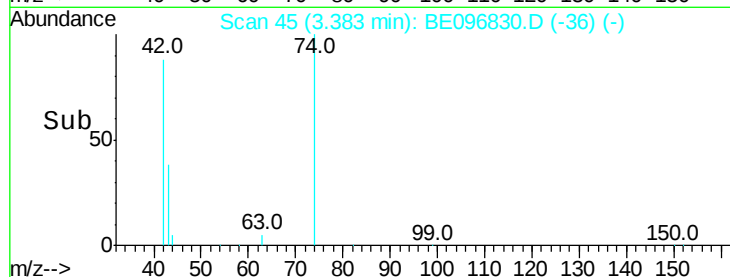
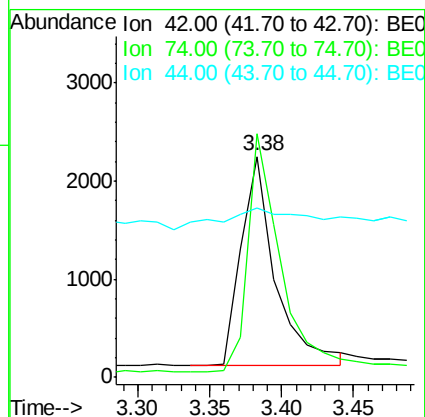
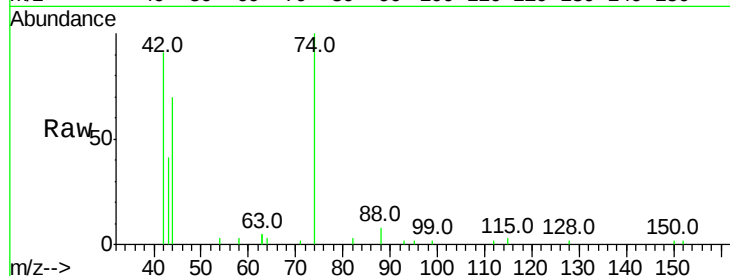
Tot Ion: 42 Resp: 3516

Ion Ratio Lower Upper

42 100

74 107.5 96.0 144.0

44 22.7 12.0 18.0#



#4

2-Fluorophenol

Concen: 1.075 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

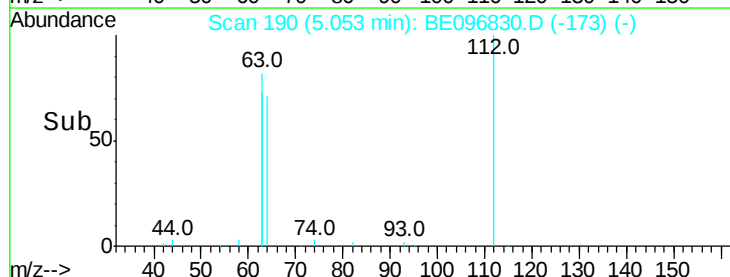
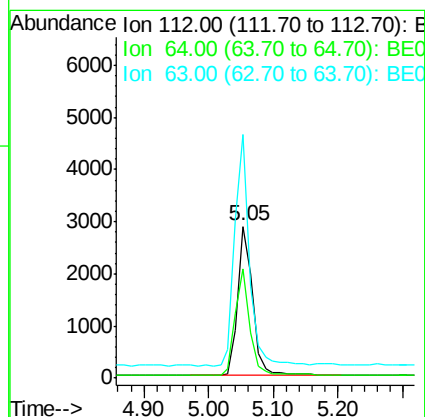
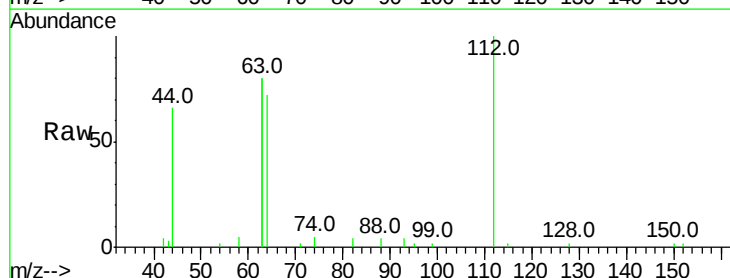
Tgt Ion: 112 Resp: 4535

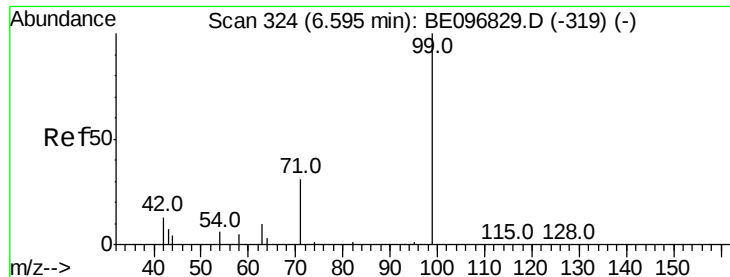
Ion Ratio Lower Upper

112 100

64 69.2 60.1 90.1

63 151.2 116.8 175.2





#5

Phenol-d6

Concen: 1.092 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

Instrument :

BNA_E

ClientSampled :

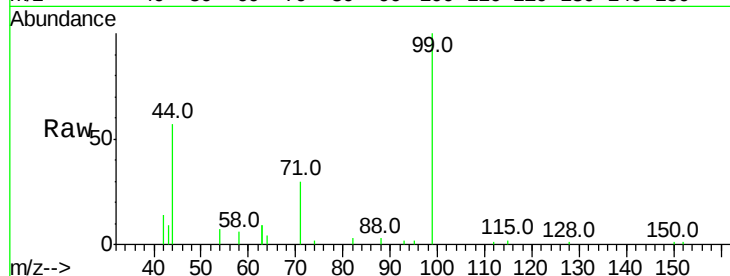
Tot Ion: 99 Resp: 6906

Ion Ratio Lower Upper

99 100

42 23.6 20.2 30.2

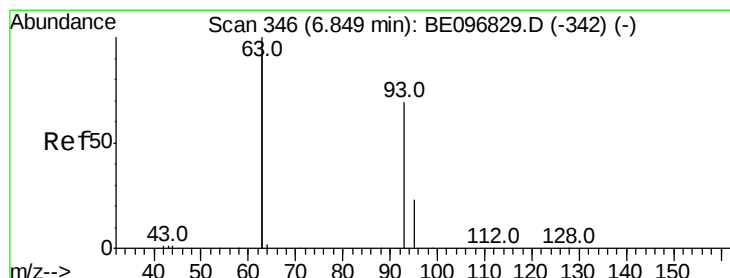
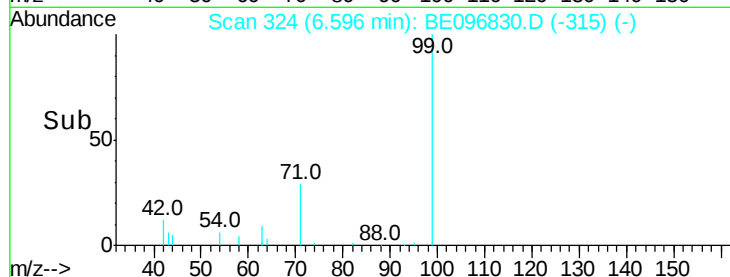
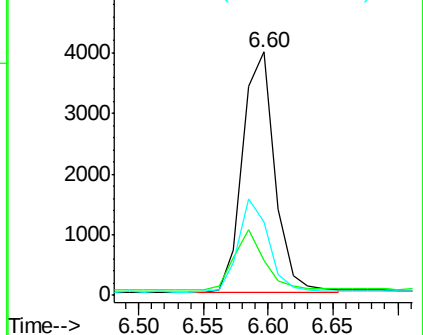
71 36.2 28.4 42.6



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: 1.026 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

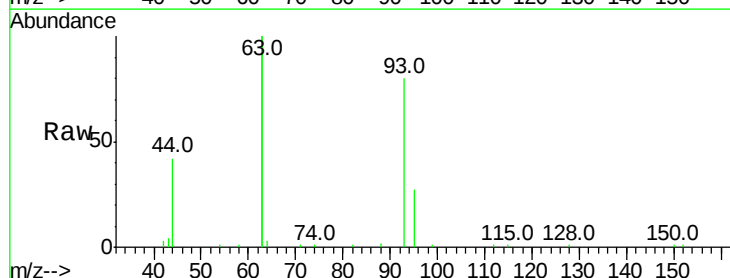
Tgt Ion: 93 Resp: 7652

Ion Ratio Lower Upper

93 100

63 345.1 275.3 412.9

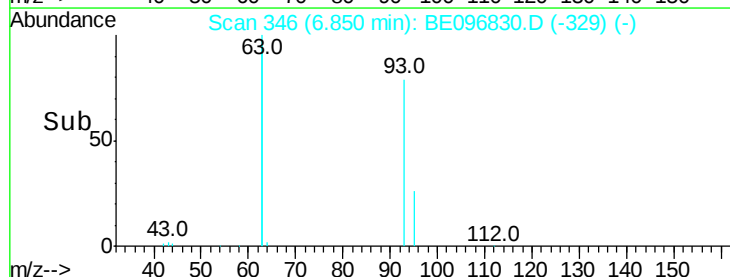
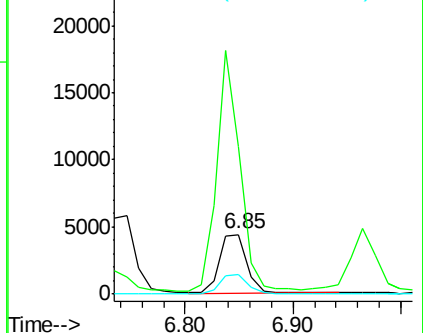
95 32.2 25.2 37.8

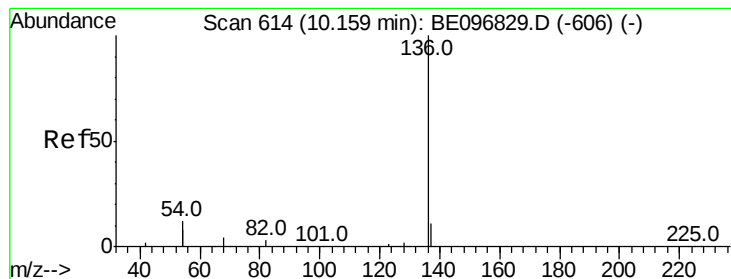


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.16 min Scan# 614

Delta R.T. 0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 9258

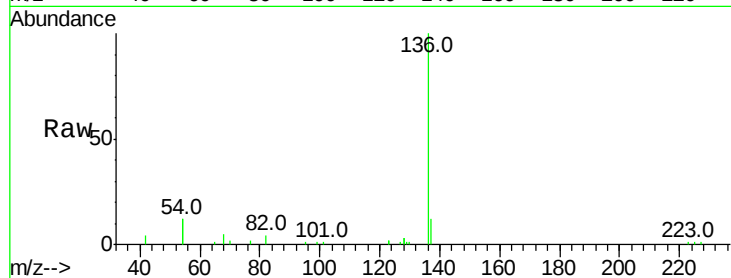
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 24.6 29.1 43.7#

68 5.3 6.2 9.2#

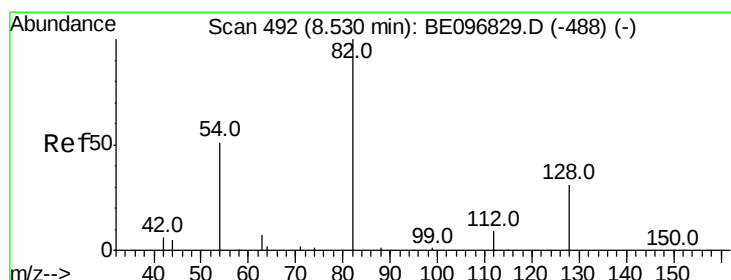
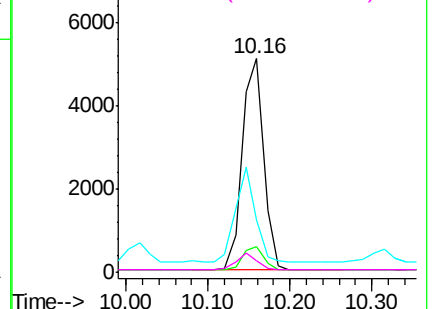
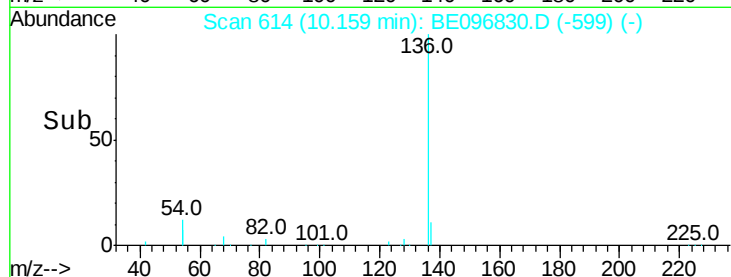


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 1.203 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

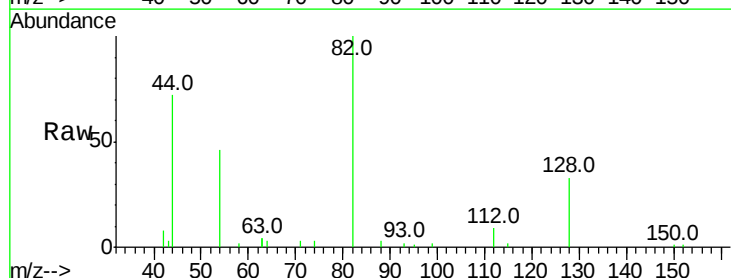
Tgt Ion: 82 Resp: 6193

Ion Ratio Lower Upper

82 100

128 33.2 24.0 36.0

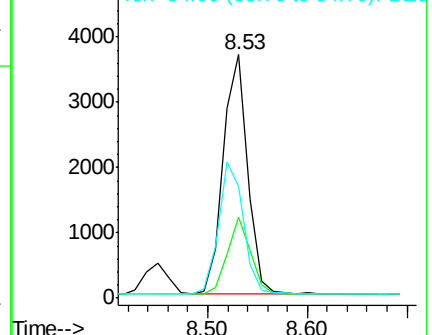
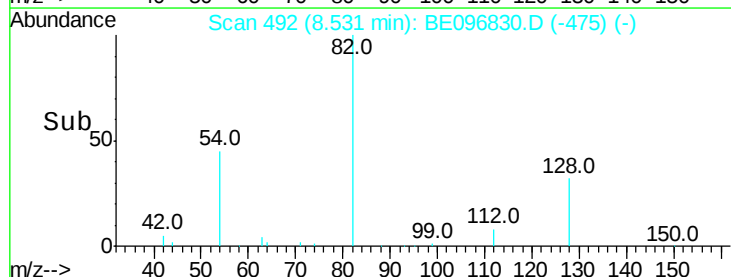
54 46.2 40.0 60.0



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: 1.040 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

Instrument :

BNA_E

ClientSampleId :

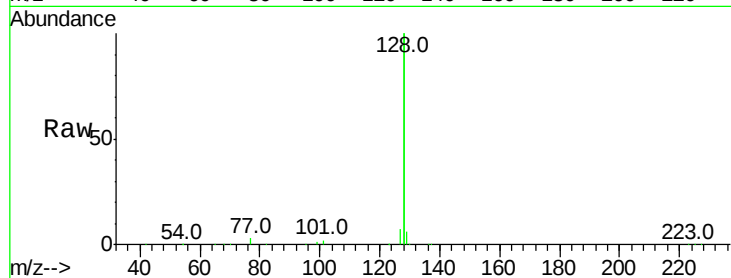
Tot Ion:128 Resp: 94573

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

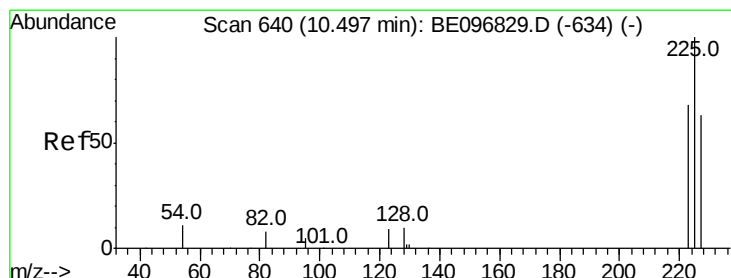
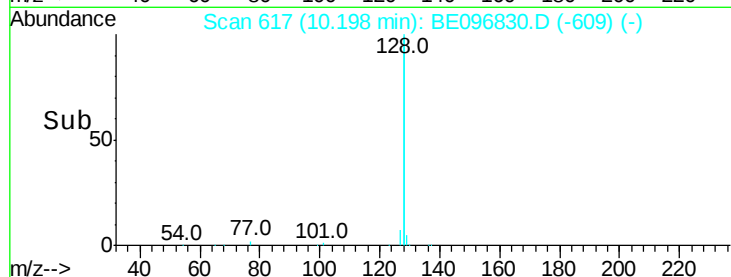
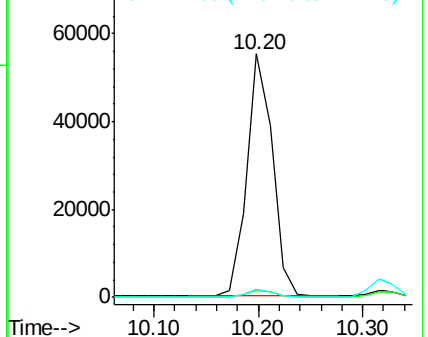
127 3.4 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 1.023 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

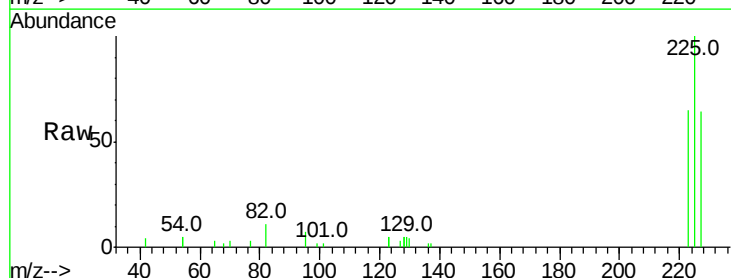
Tgt Ion:225 Resp: 3880

Ion Ratio Lower Upper

225 100

223 63.8 53.0 79.6

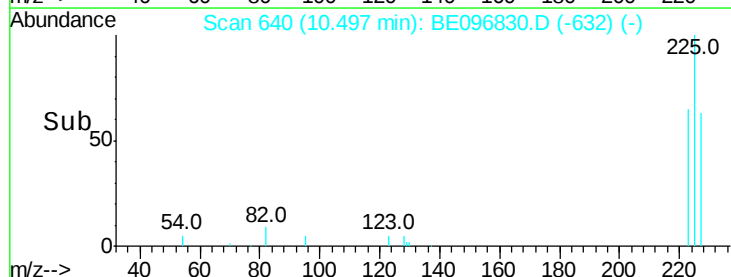
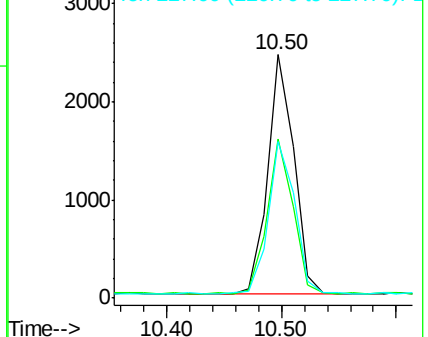
227 64.1 51.4 77.2

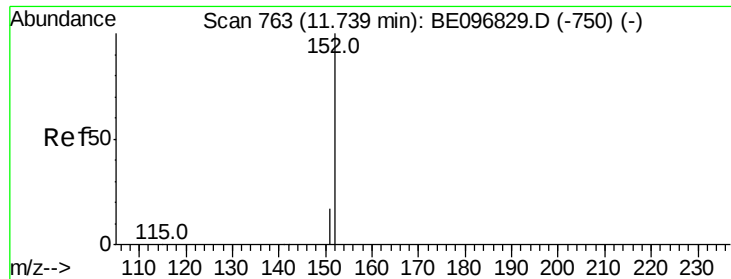


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

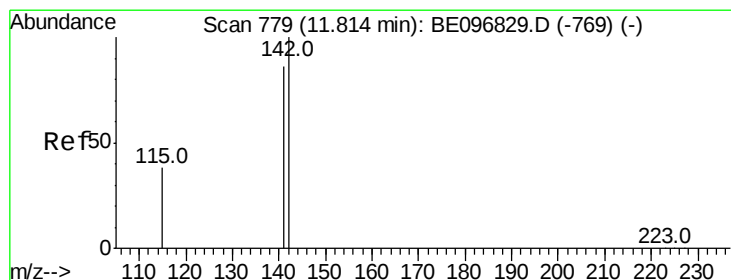
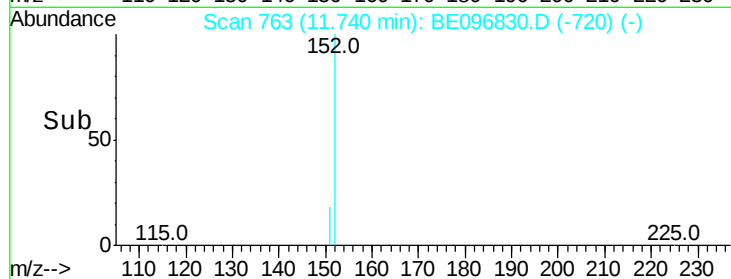
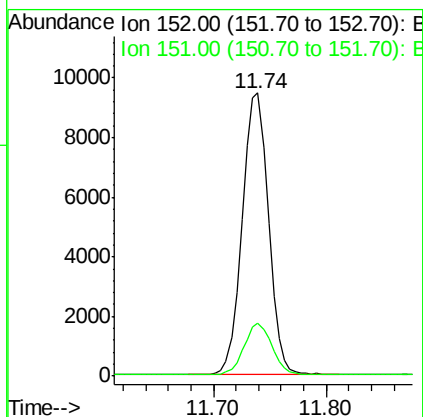
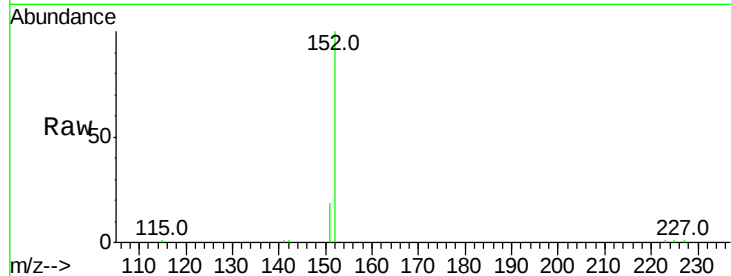




#11
 2-Methylnaphthalene-d10
 Concen: 1.031 ng
 RT: 11.74 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE096830.D
 Acq: 20 Jun 2018 11:38

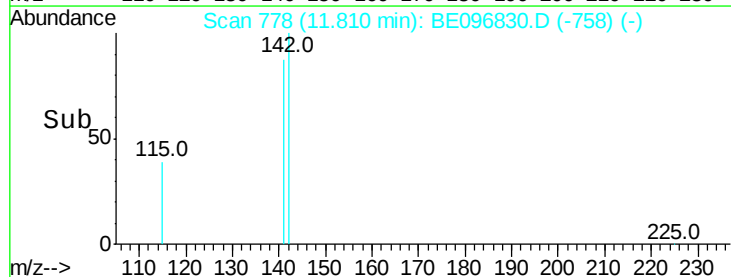
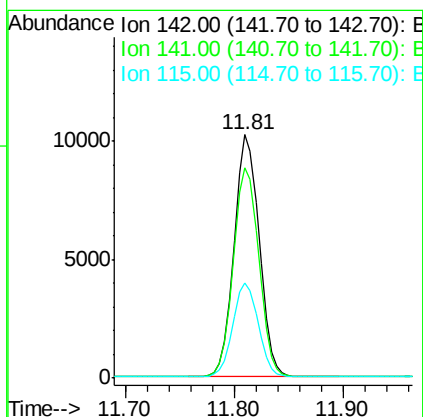
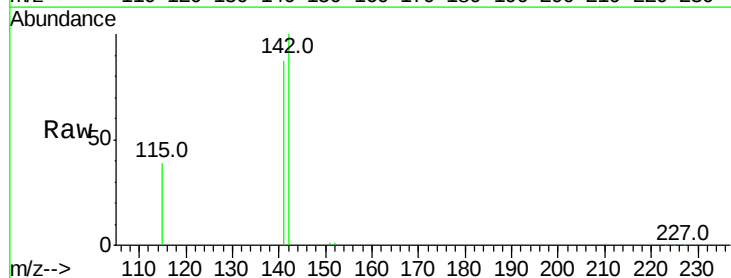
Instrument :
 BNA_E
 ClientSampled :

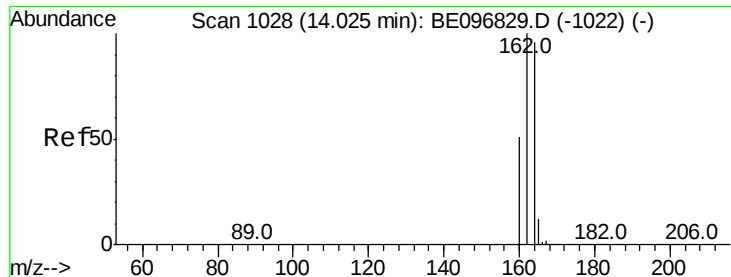
Tot Ion:152 Resp: 15246
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 1.040 ng
 RT: 11.81 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BE096830.D
 Acq: 20 Jun 2018 11:38

Tgt Ion:142 Resp: 15868
 Ion Ratio Lower Upper
 142 100
 141 86.6 70.4 105.6
 115 38.9 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

Instrument :

BNA_E

ClientSampleId :

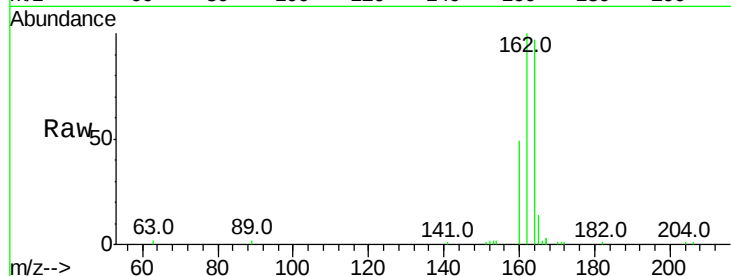
Tot Ion:164 Resp: 5189

Ion Ratio Lower Upper

164 100

162 103.6 83.1 124.7

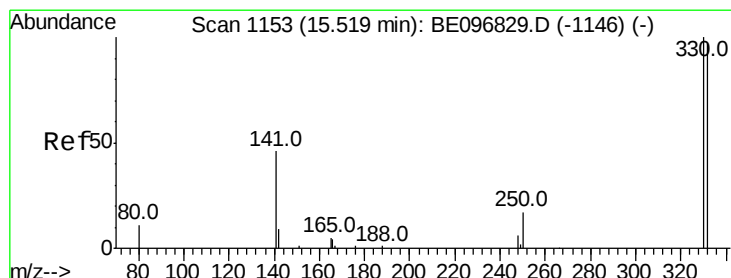
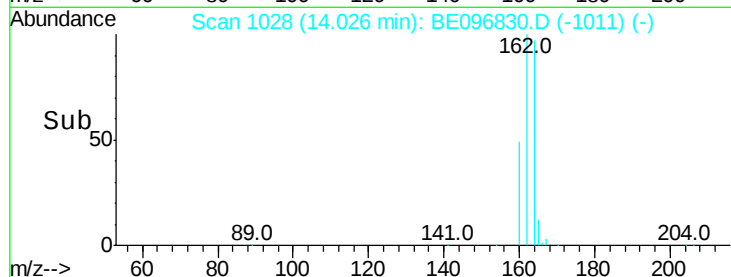
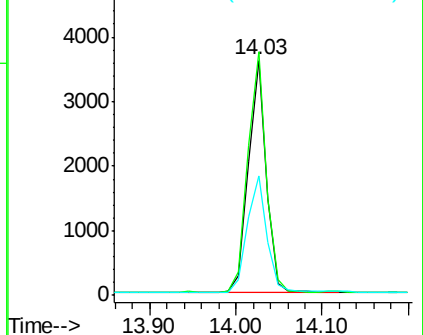
160 51.0 37.1 55.7



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: 1.276 ng

RT: 15.53 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

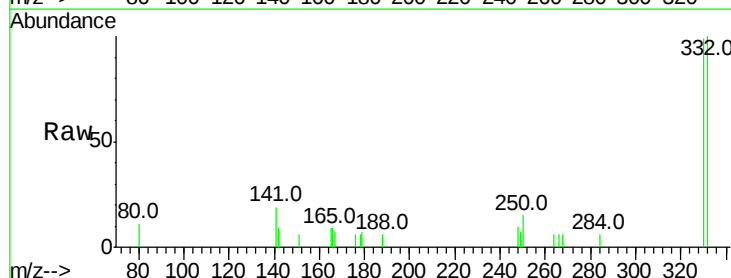
Tgt Ion:330 Resp: 1369

Ion Ratio Lower Upper

330 100

332 98.2 152.7 229.1#

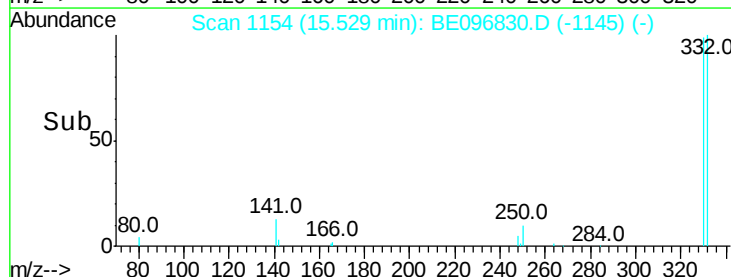
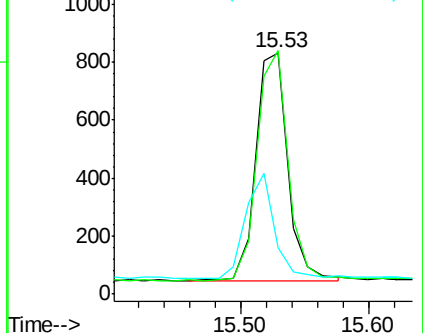
141 41.1 33.7 50.5

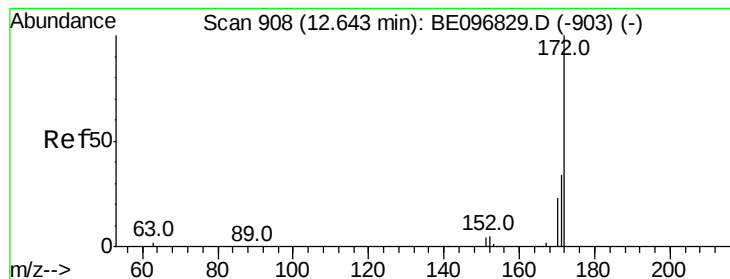


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 1.015 ng

RT: 12.64 min Scan# 908

Delta R.T. 0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

Instrument :

BNA_E

ClientSampleId :

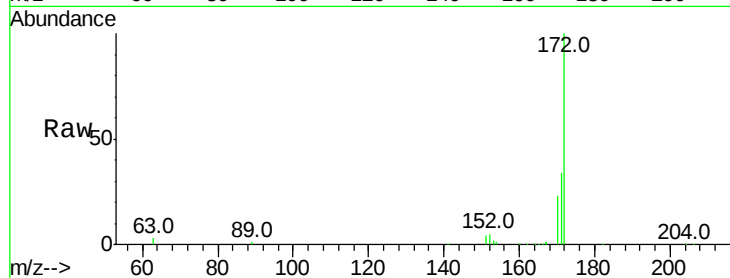
Tot Ion:172 Resp: 21655

Ion Ratio Lower Upper

172 100

171 33.8 29.9 44.9

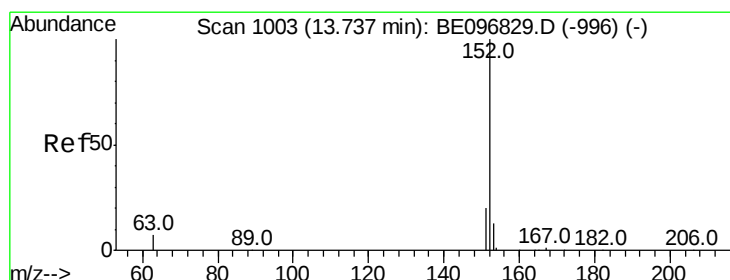
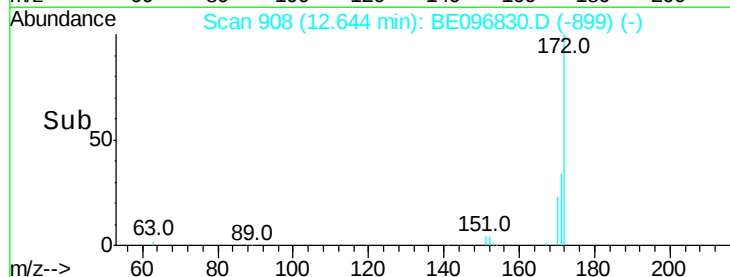
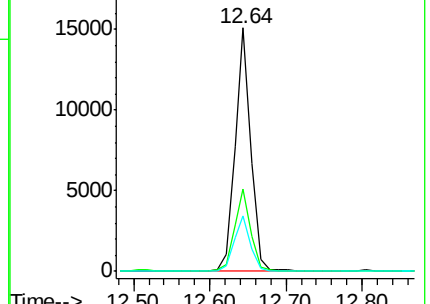
170 22.9 21.8 32.8



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: 1.060 ng

RT: 13.74 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

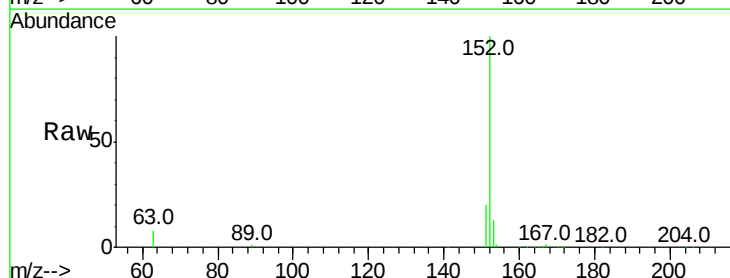
Tgt Ion:152 Resp: 25955

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

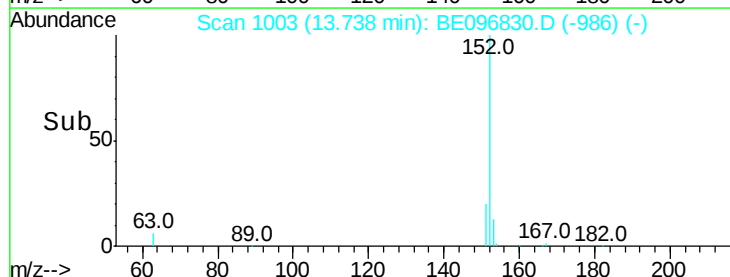
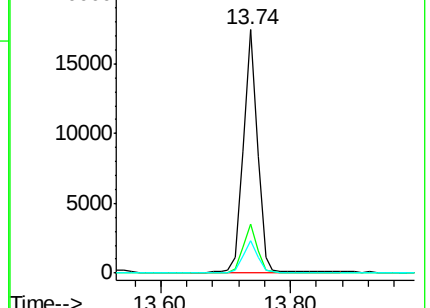
153 12.9 10.5 15.7

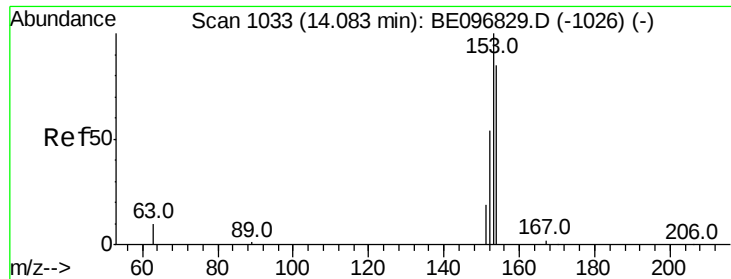


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 1.033 ng

RT: 14.08 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

Instrument :

BNA_E

ClientSampleId :

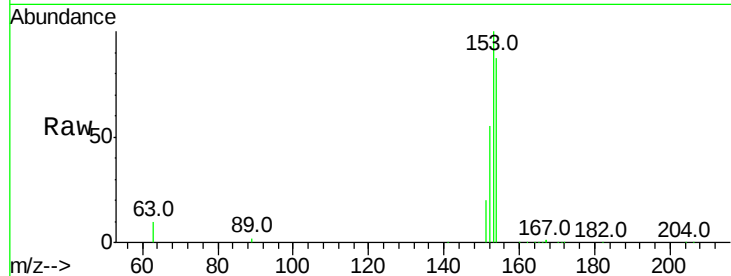
Tot Ion:154 Resp: 16997

Ion Ratio Lower Upper

154 100

153 114.4 89.2 133.8

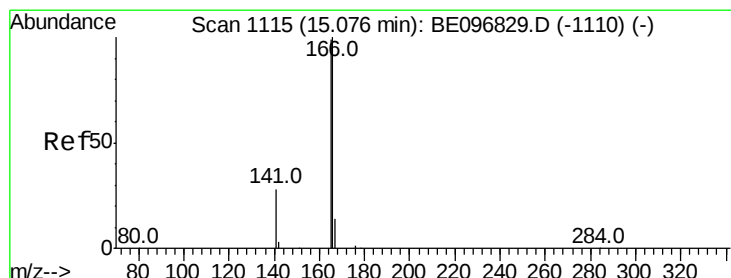
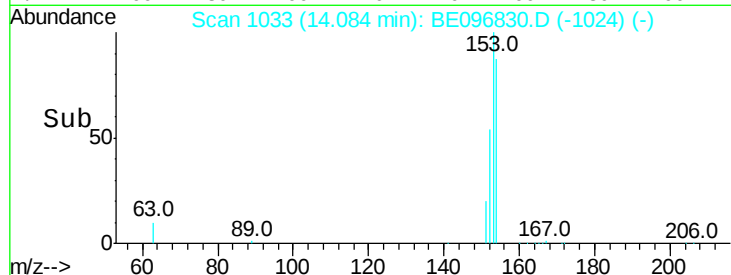
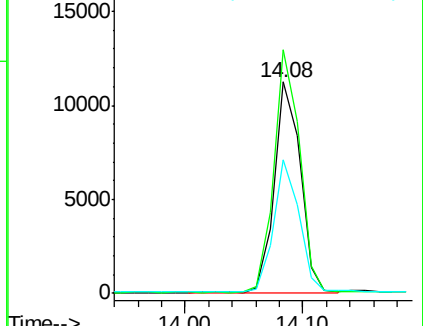
152 62.4 42.0 63.0



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: 1.039 ng

RT: 15.07 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

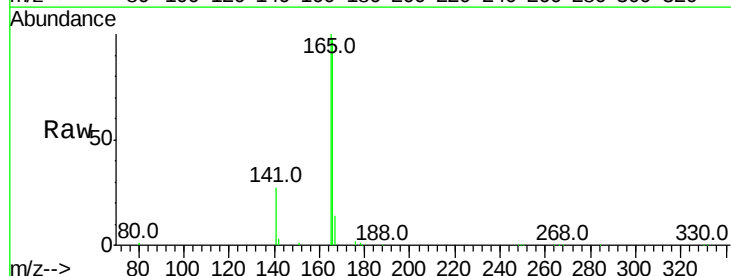
Tgt Ion:166 Resp: 20221

Ion Ratio Lower Upper

166 100

165 99.0 77.8 116.6

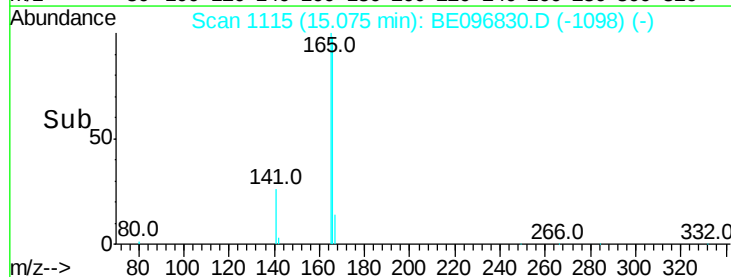
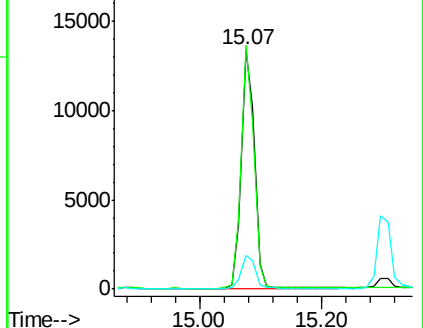
167 14.4 42.4 63.6#

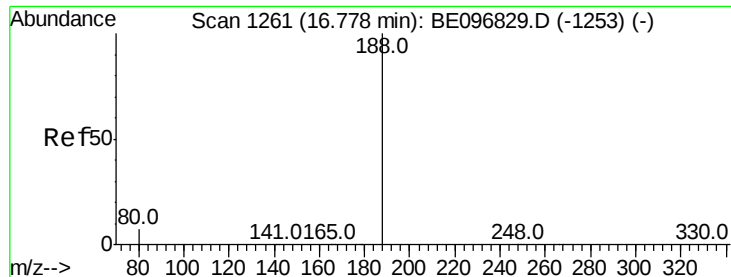


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.78 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

Instrument :

BNA_E

ClientSampleId :

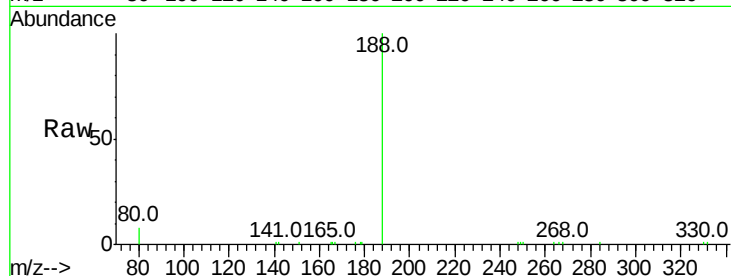
Tot Ion:188 Resp: 13504

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

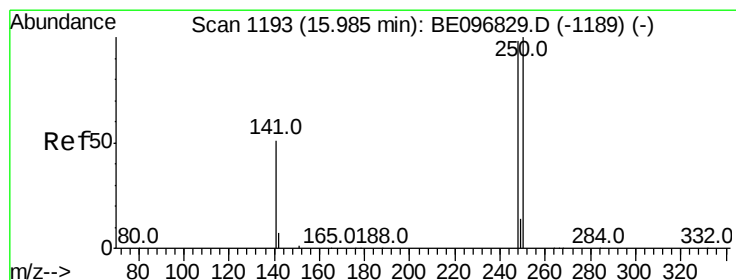
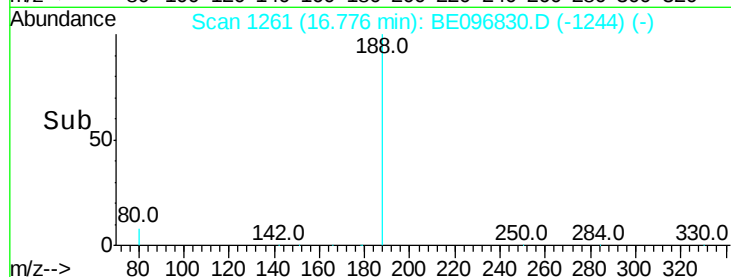
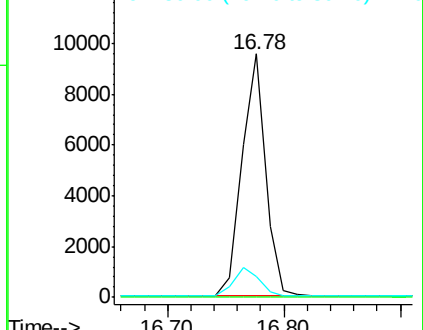
80 8.5 3.6 5.4#



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: 1.064 ng

RT: 15.98 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

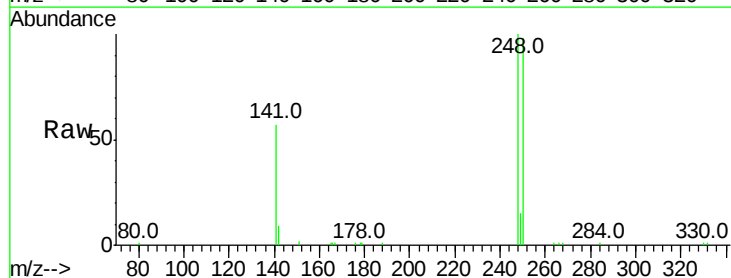
Tgt Ion:248 Resp: 7005

Ion Ratio Lower Upper

248 100

250 98.5 62.7 94.1#

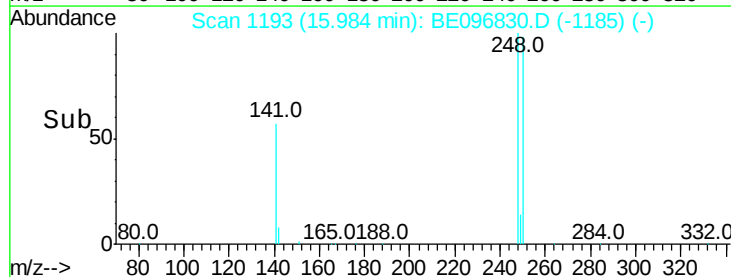
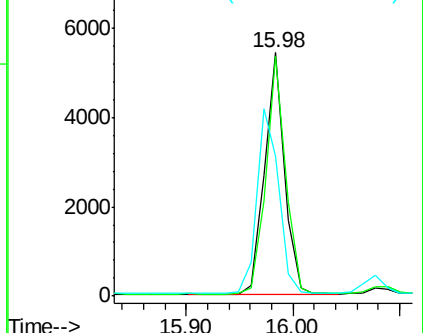
141 57.2 48.2 72.2

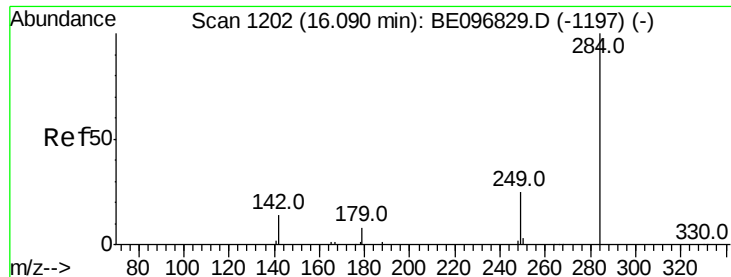


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.030 ng

RT: 16.09 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

Instrument :

BNA_E

ClientSampleId :

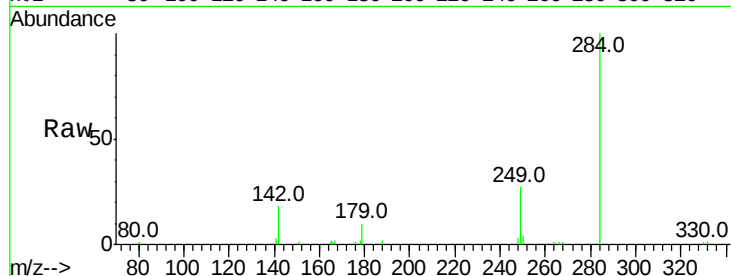
Tot Ion:284 Resp: 7963

Ion Ratio Lower Upper

284 100

142 39.7 22.1 33.1#

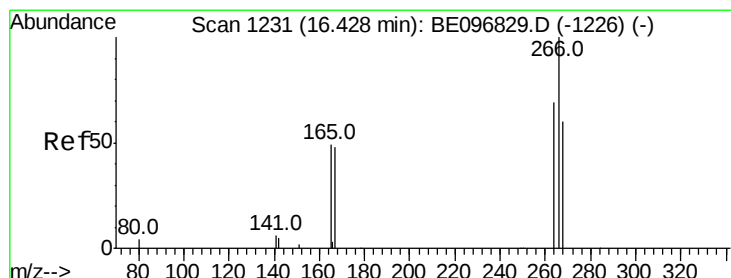
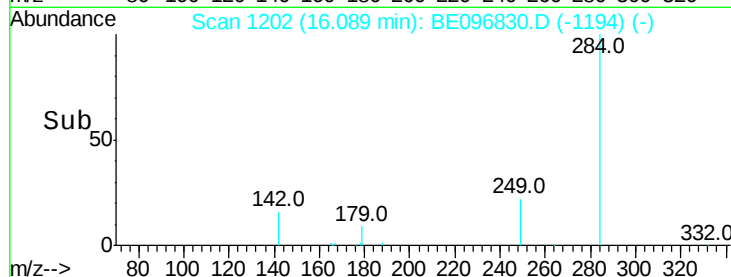
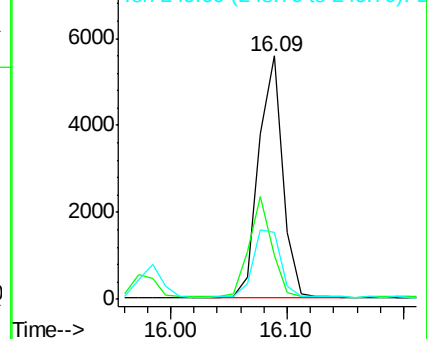
249 32.0 34.8 52.2#



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: 1.141 ng

RT: 16.43 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

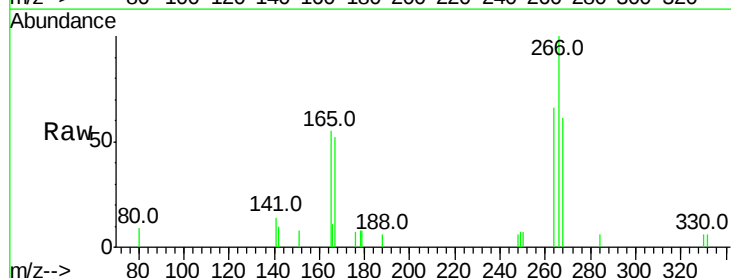
Tgt Ion:266 Resp: 1371

Ion Ratio Lower Upper

266 100

264 65.7 72.5 108.7#

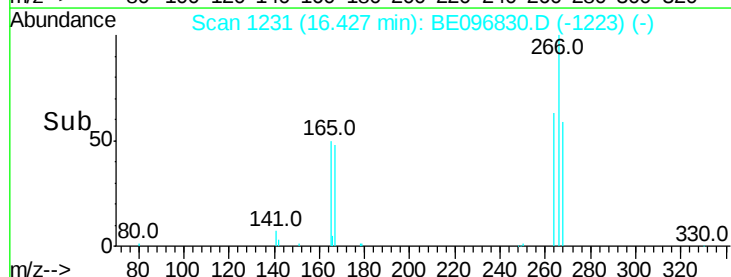
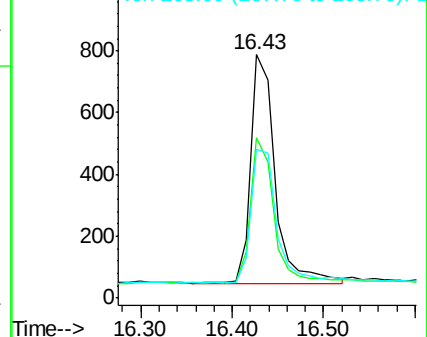
268 61.3 73.8 110.6#

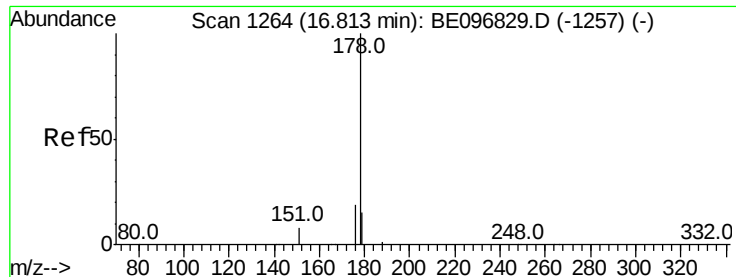


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.036 ng

RT: 16.81 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

Instrument :

BNA_E

ClientSampleId :

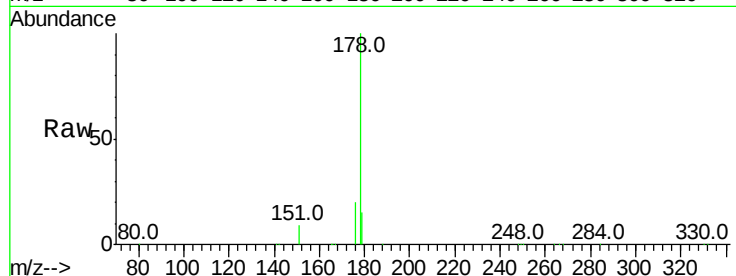
Tot Ion:178 Resp: 38043

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

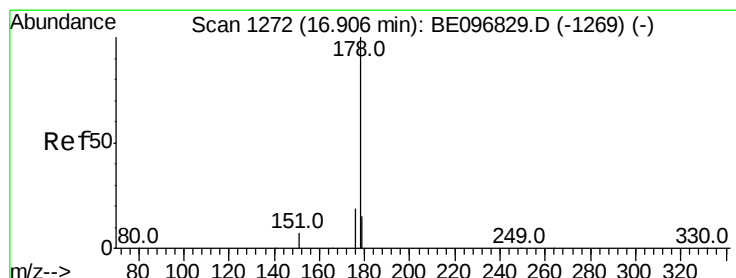
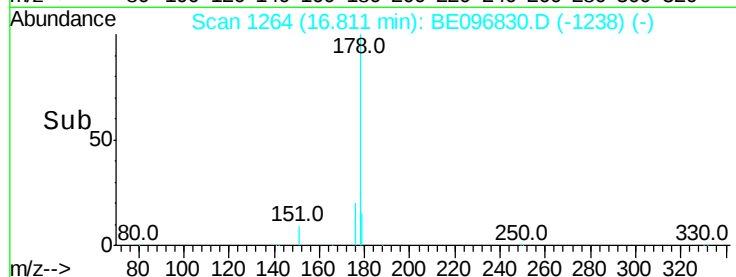
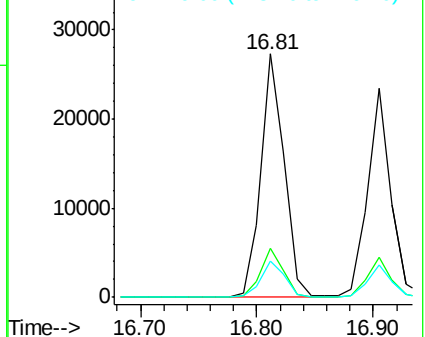
179 15.2 11.8 17.6



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: 1.066 ng

RT: 16.90 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

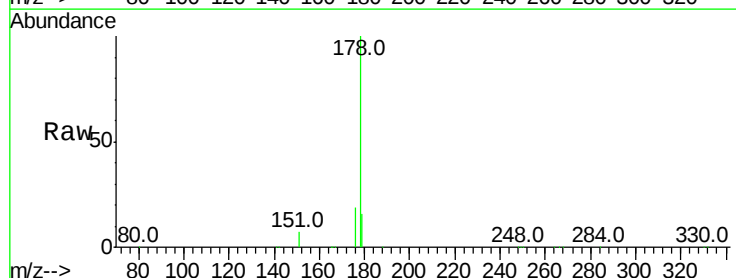
Tgt Ion:178 Resp: 32109

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

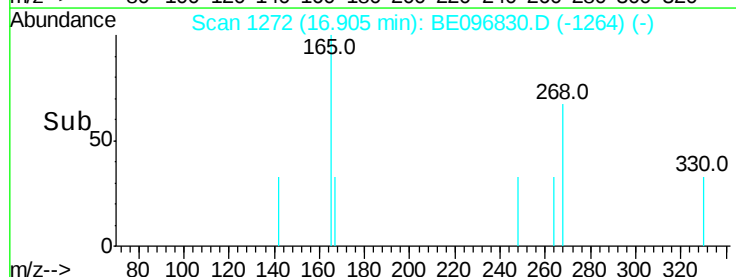
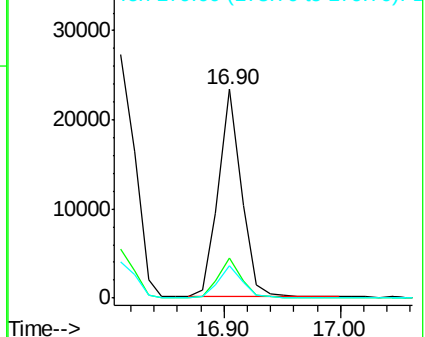
179 15.6 13.0 19.6



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: 1.050 ng

RT: 18.82 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

Instrument :

BNA_E

ClientSampleId :

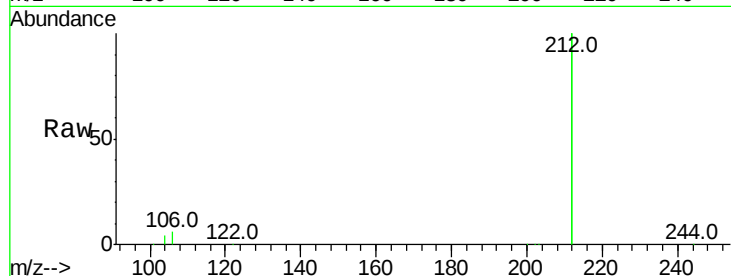
Tot Ion:212 Resp: 138768

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

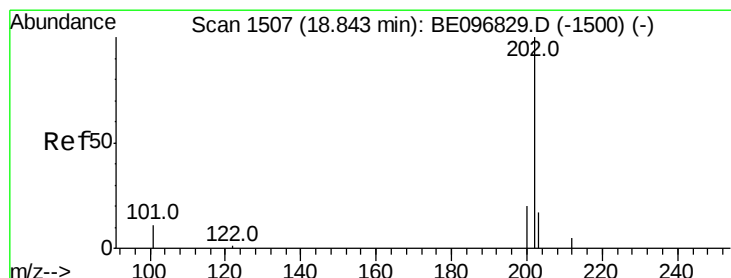
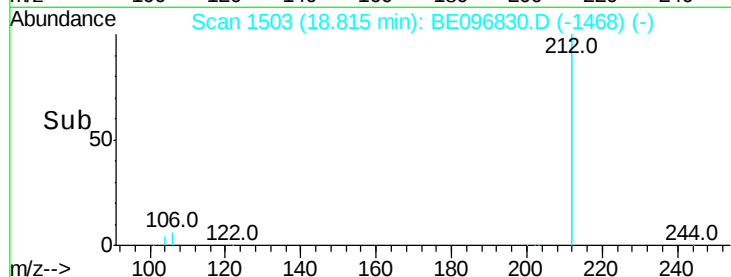
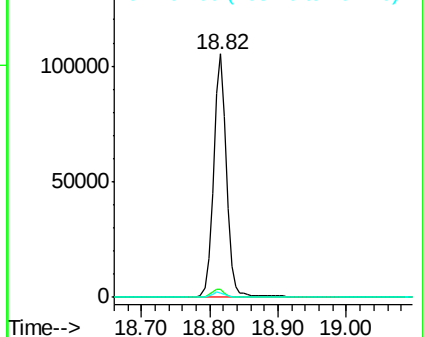
104 2.0 1.6 2.4



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: 1.087 ng

RT: 18.84 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

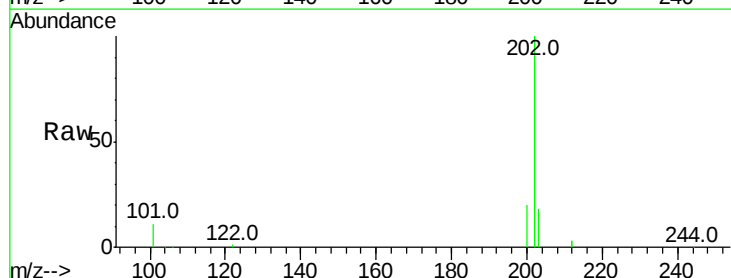
Tgt Ion:202 Resp: 42217

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.8

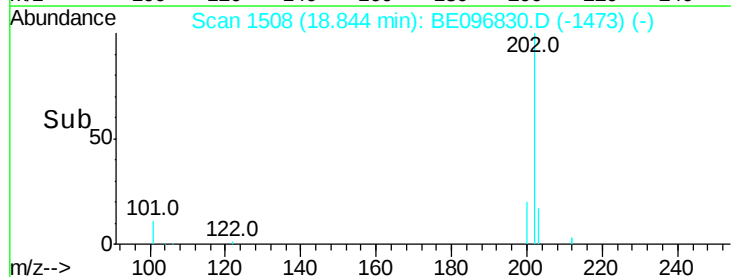
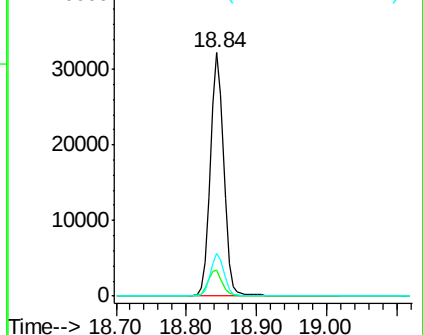
203 17.5 13.7 20.5

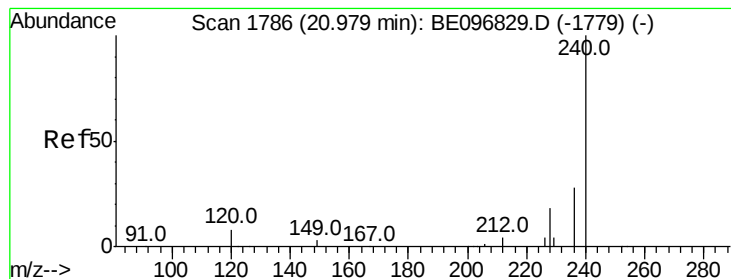


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1787

Delta R.T. 0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

Instrument :

BNA_E

ClientSampleId :

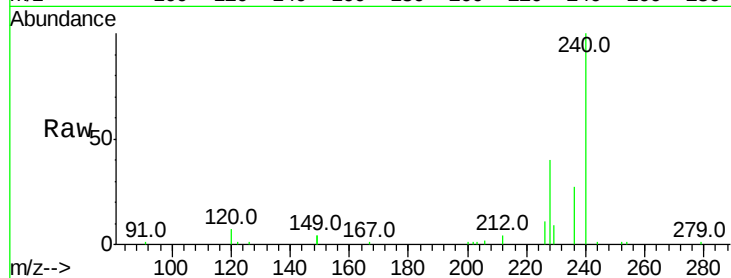
Tot Ion:240 Resp: 11967

Ion Ratio Lower Upper

240 100

120 6.8 5.5 8.3

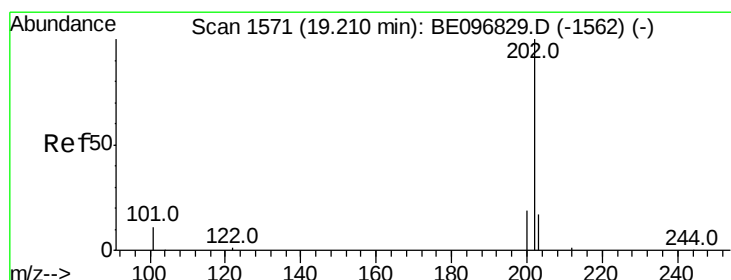
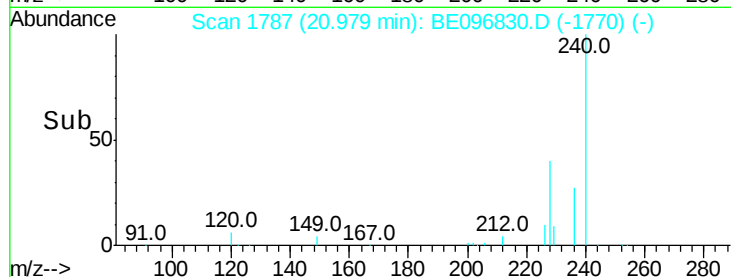
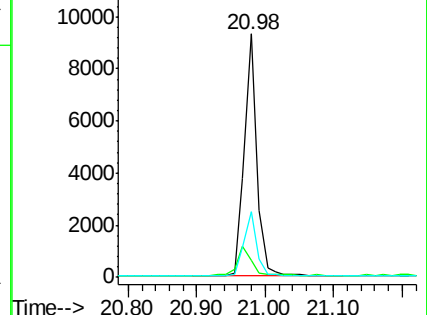
236 27.1 20.7 31.1



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: 1.008 ng

RT: 19.21 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

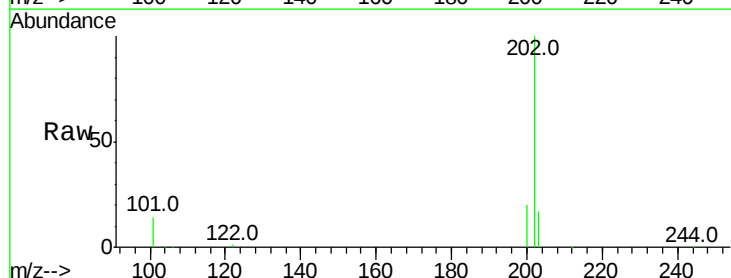
Tgt Ion:202 Resp: 39615

Ion Ratio Lower Upper

202 100

200 19.9 16.6 25.0

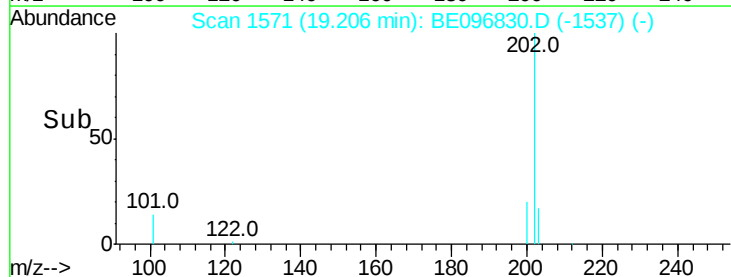
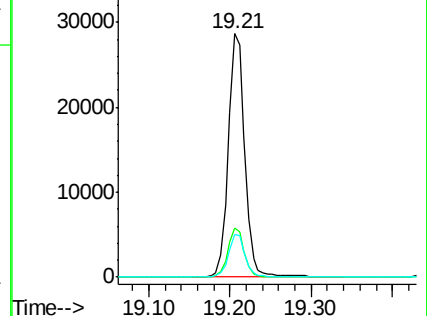
203 17.5 13.8 20.8

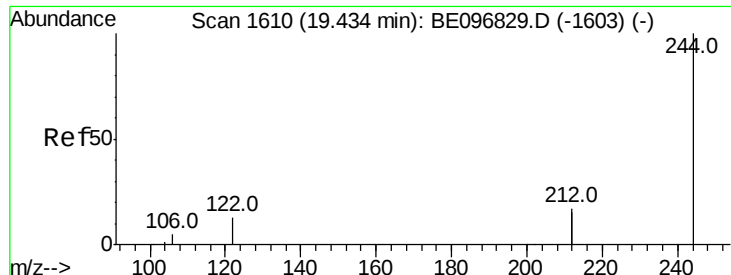


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.998 ng

RT: 19.44 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

Instrument :

BNA_E

ClientSampleId :

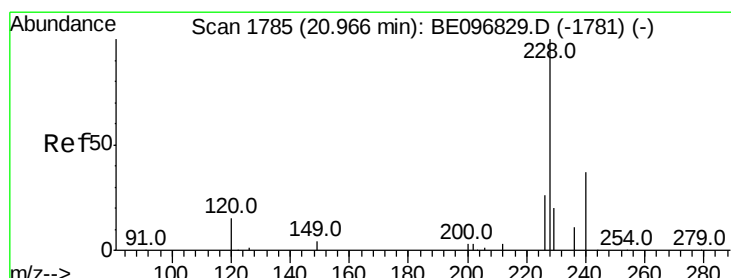
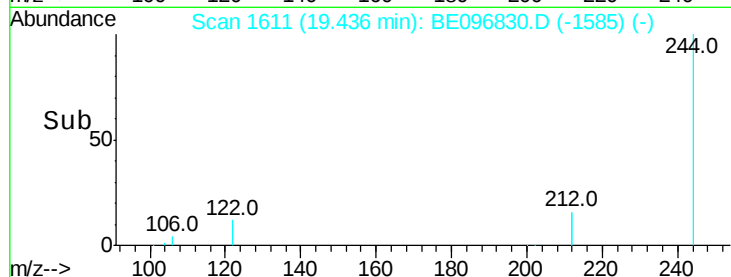
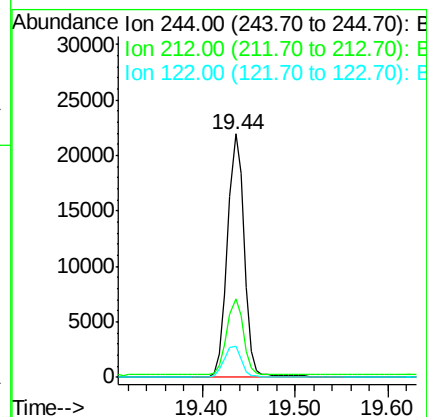
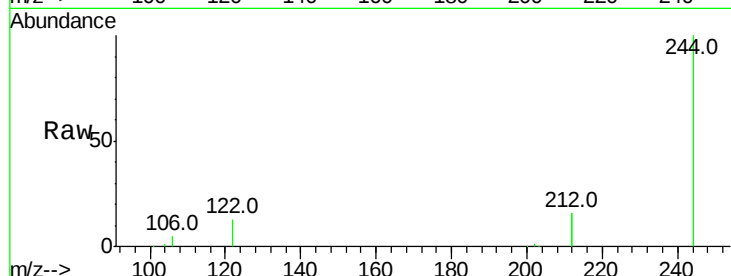
Tot Ion:244 Resp: 27057

Ion Ratio Lower Upper

244 100

212 32.1 25.4 38.0

122 12.7 8.1 12.1#



#30

Benzo(a)anthracene

Concen: 1.076 ng

RT: 20.97 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

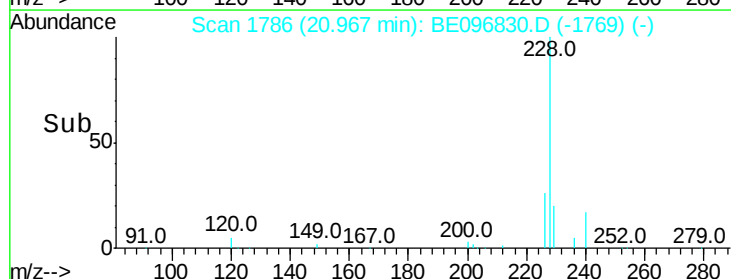
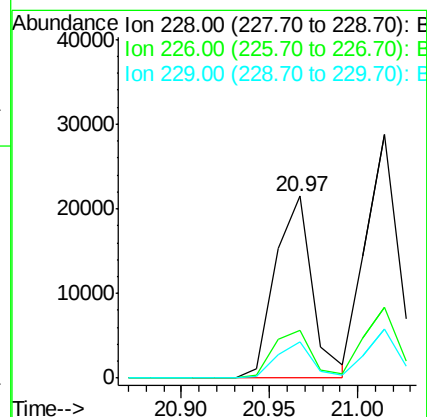
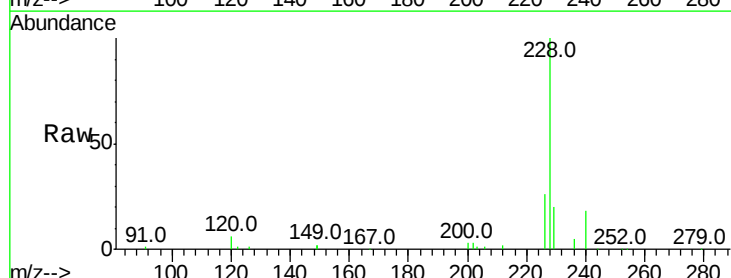
Tgt Ion:228 Resp: 31226

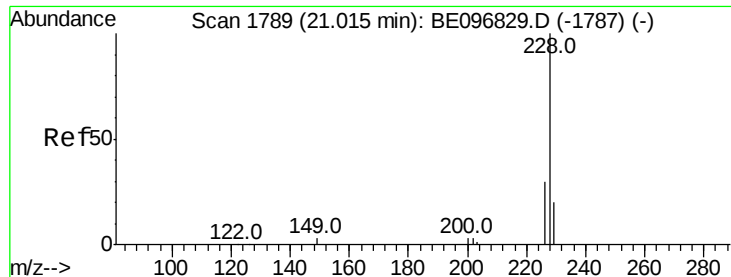
Ion Ratio Lower Upper

228 100

226 26.1 24.0 36.0

229 19.8 16.0 24.0





#31

Chrysene

Concen: 1.022 ng

RT: 21.02 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

Instrument :

BNA_E

ClientSampleId :

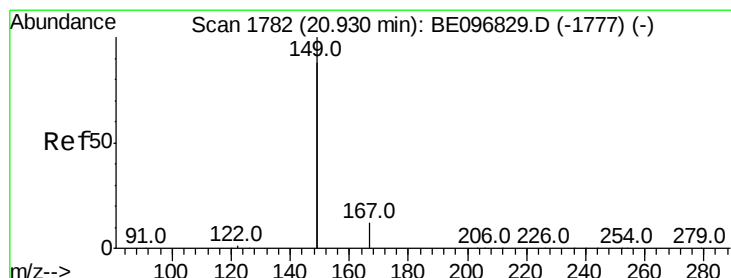
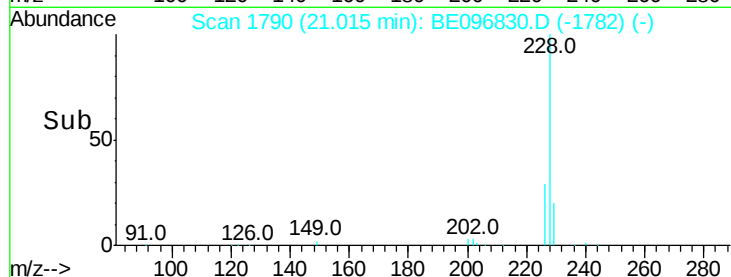
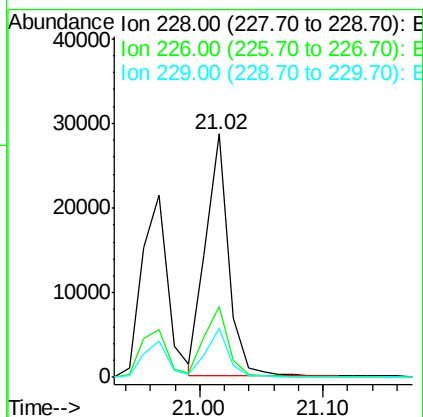
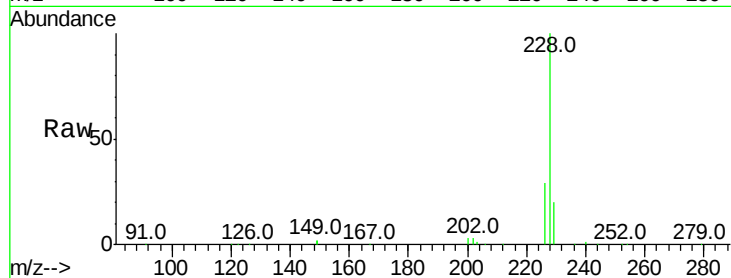
Tot Ion:228 Resp: 37348

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	20.0	16.0	24.0

228 100

226 29.3 24.0 36.0

229 20.0 16.0 24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.129 ng

RT: 20.93 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

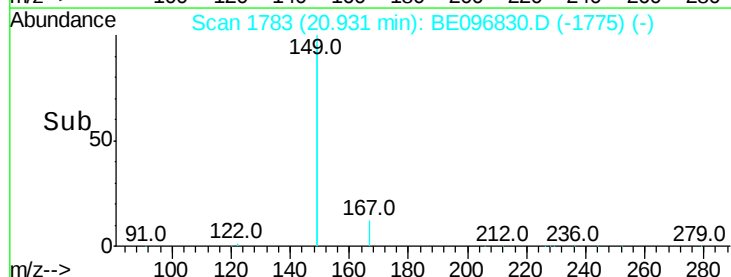
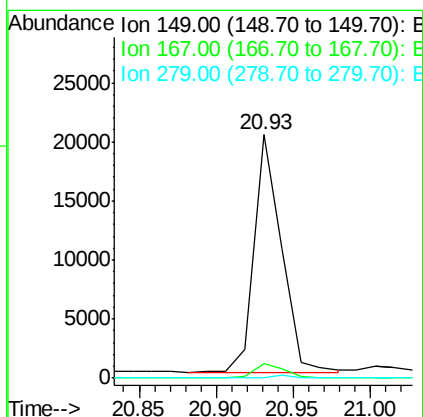
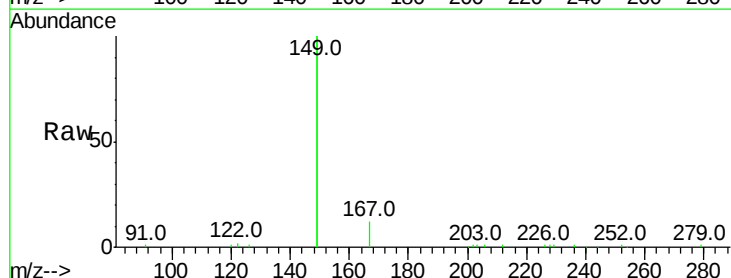
Tgt Ion:149 Resp: 24604

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	0.9	0.7	1.1

149 100

167 6.3 5.4 8.0

279 0.9 0.7 1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.999 ng

RT: 25.51 min Scan# 2845

Delta R.T. -0.00 min

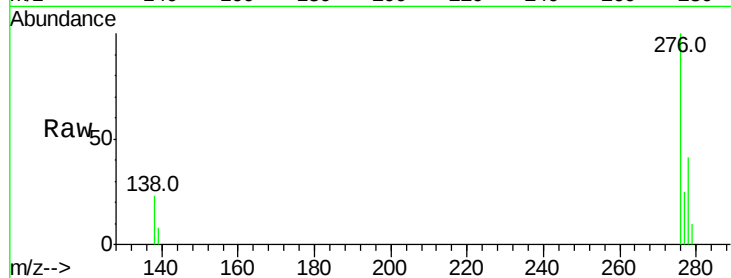
Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

Instrument :

BNA_E

ClientSampleId :



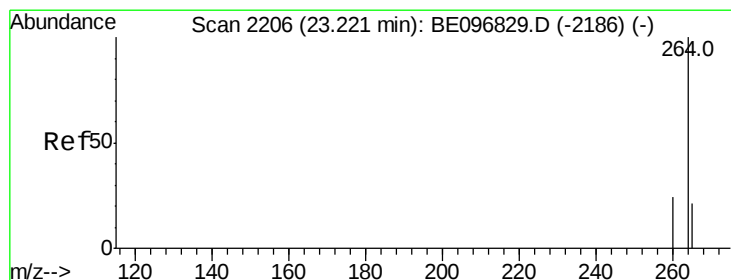
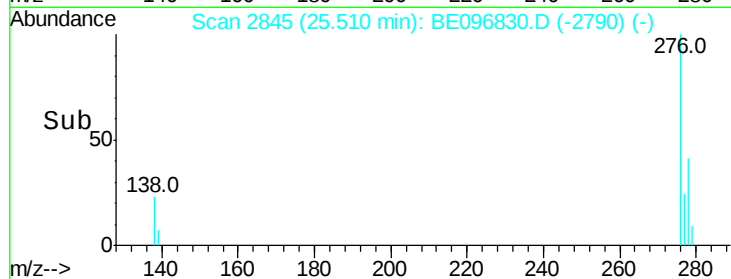
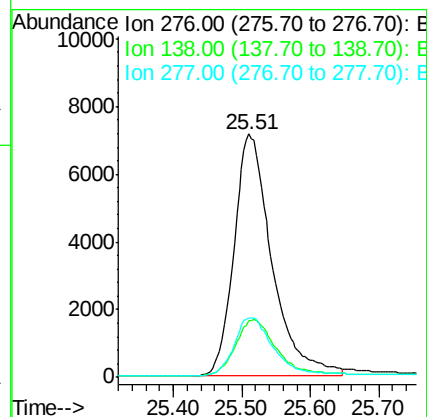
Tot Ion:276 Resp: 27399

Ion Ratio Lower Upper

276 100

138 25.1 22.5 33.7

277 25.7 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

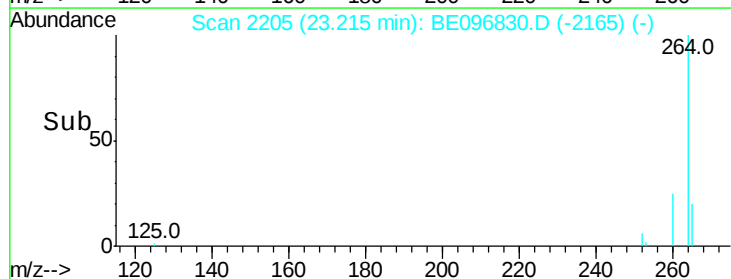
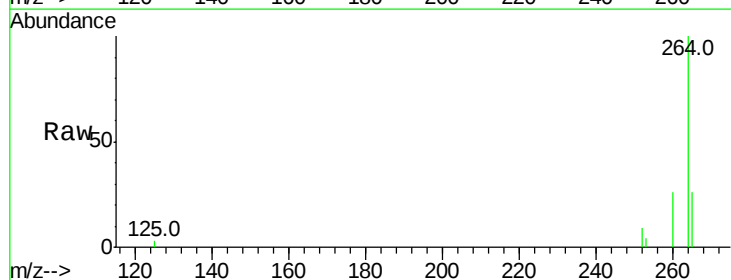
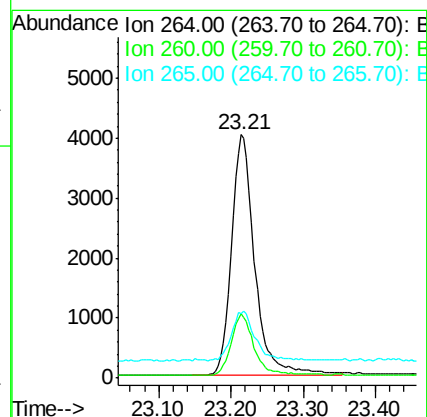
Tgt Ion:264 Resp: 8804

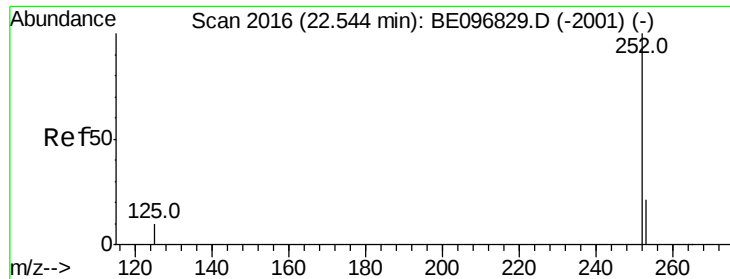
Ion Ratio Lower Upper

264 100

260 26.3 20.5 30.7

265 26.4 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 1.184 ng

RT: 22.54 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

Instrument :

BNA_E

ClientSampleId :

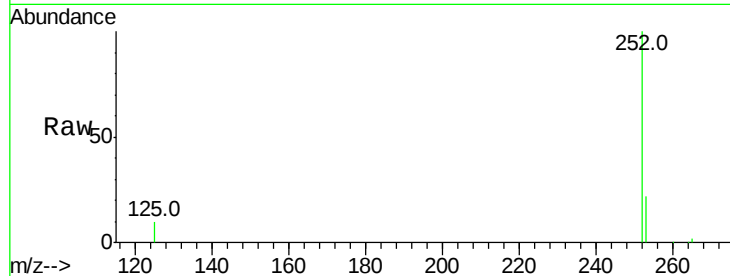
Tot Ion:252 Resp: 28652

Ion Ratio Lower Upper

252 100

253 22.2 20.0 30.0

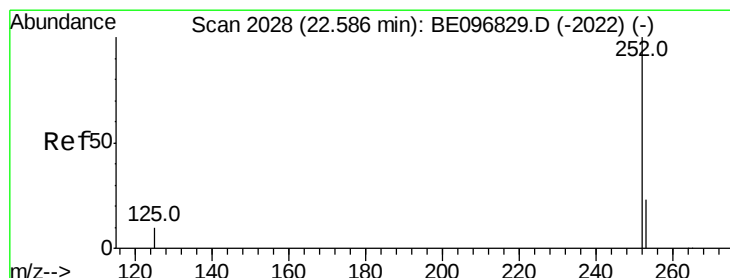
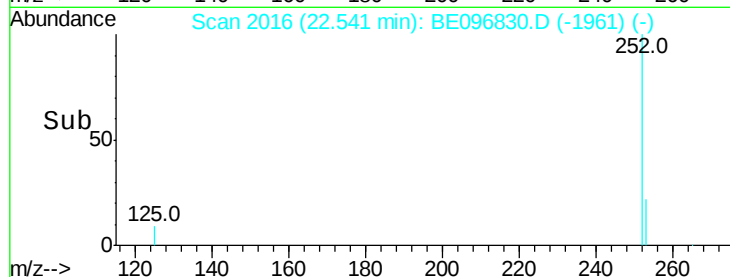
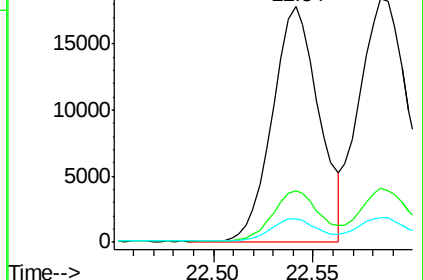
125 9.9 16.0 24.0#



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



#36

Benzo(k)fluoranthene

Concen: 1.172 ng

RT: 22.58 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

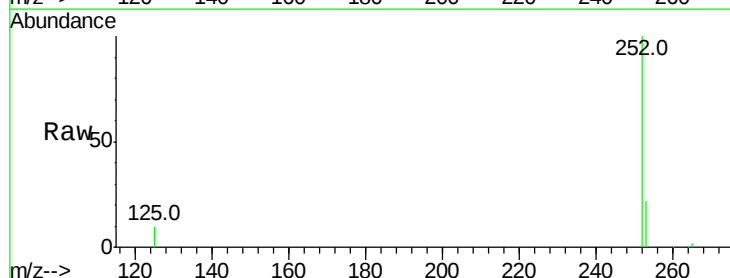
Tgt Ion:252 Resp: 33736

Ion Ratio Lower Upper

252 100

253 22.0 16.0 24.0

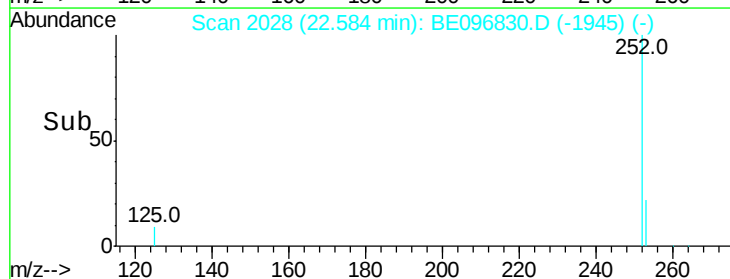
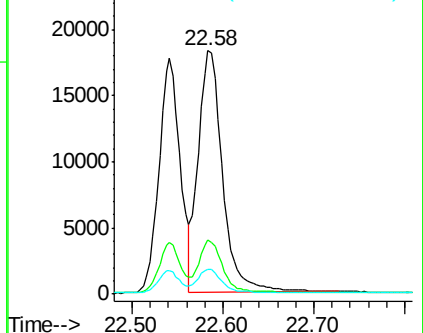
125 9.9 8.0 12.0



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





#37

Benzo(a)pyrene

Concen: 1.137 ng

RT: 23.11 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

Instrument :

BNA_E

ClientSampleId :

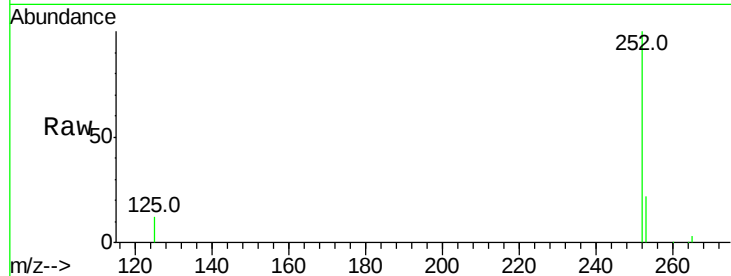
Tot Ion:252 Resp: 23893

Ion Ratio Lower Upper

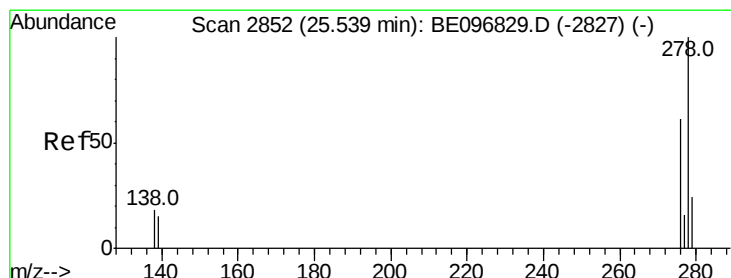
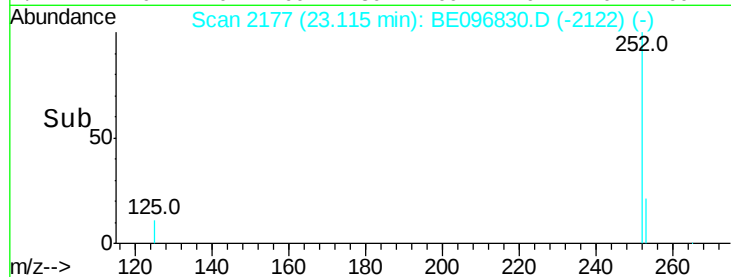
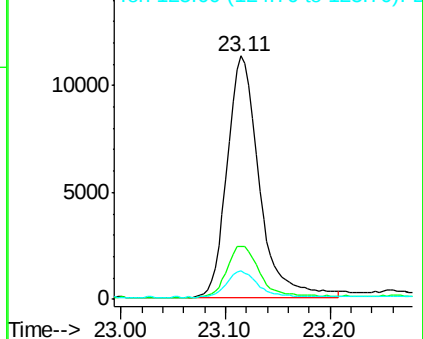
252 100

253 21.7 16.0 24.0

125 11.6 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: 1.182 ng

RT: 25.54 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

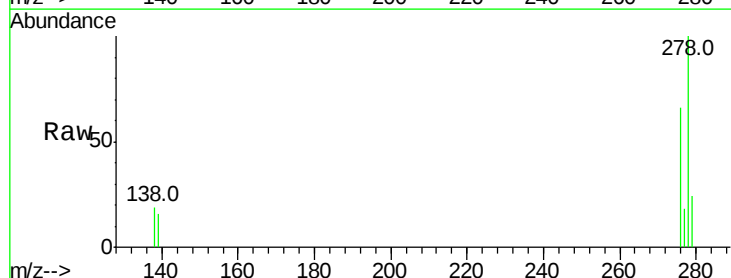
Tgt Ion:278 Resp: 23825

Ion Ratio Lower Upper

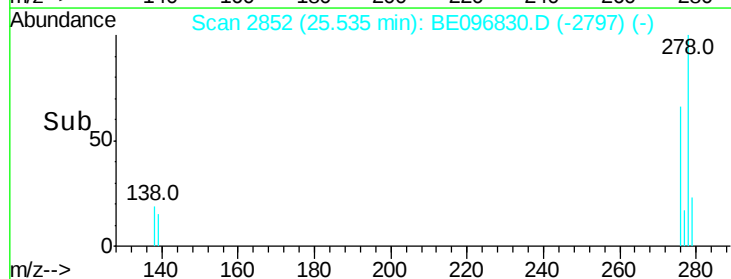
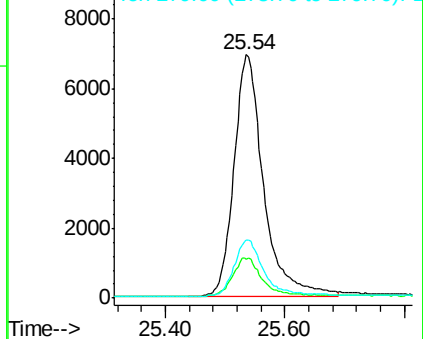
278 100

139 16.1 16.0 24.0

279 24.0 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: 1.134 ng

RT: 26.21 min Scan# 3040

Delta R.T. -0.00 min

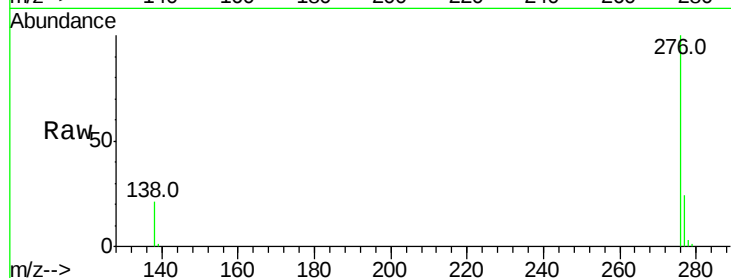
Lab File: BE096830.D

Acq: 20 Jun 2018 11:38

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 25302

Ion Ratio Lower Upper

276 100

277 23.6 16.0 24.0

138 21.4 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

