

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061818\
 Data File : BE096805.D
 Acq On : 18 Jun 2018 12:41
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Jun 18 13:18:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 18 11:37:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2623	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	13477	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	7882	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	19568	0.40	ng	0.00
27) Chrysene-d12	20.98	240	20825	0.40	ng	0.00
34) Perylene-d12	23.21	264	16509	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	20062	2.78	ng	0.00
5) Phenol-d6	6.60	99	31164	2.84	ng	0.00
8) Nitrobenzene-d5	8.53	82	26246	2.94	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	69921	3.16	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	7200	2.84	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	98185	3.16	ng	0.00
25) Fluoranthene-d10	18.81	212	711599	3.54	ng	0.00
29) Terphenyl-d14	19.43	244	142248	3.10	ng	0.00

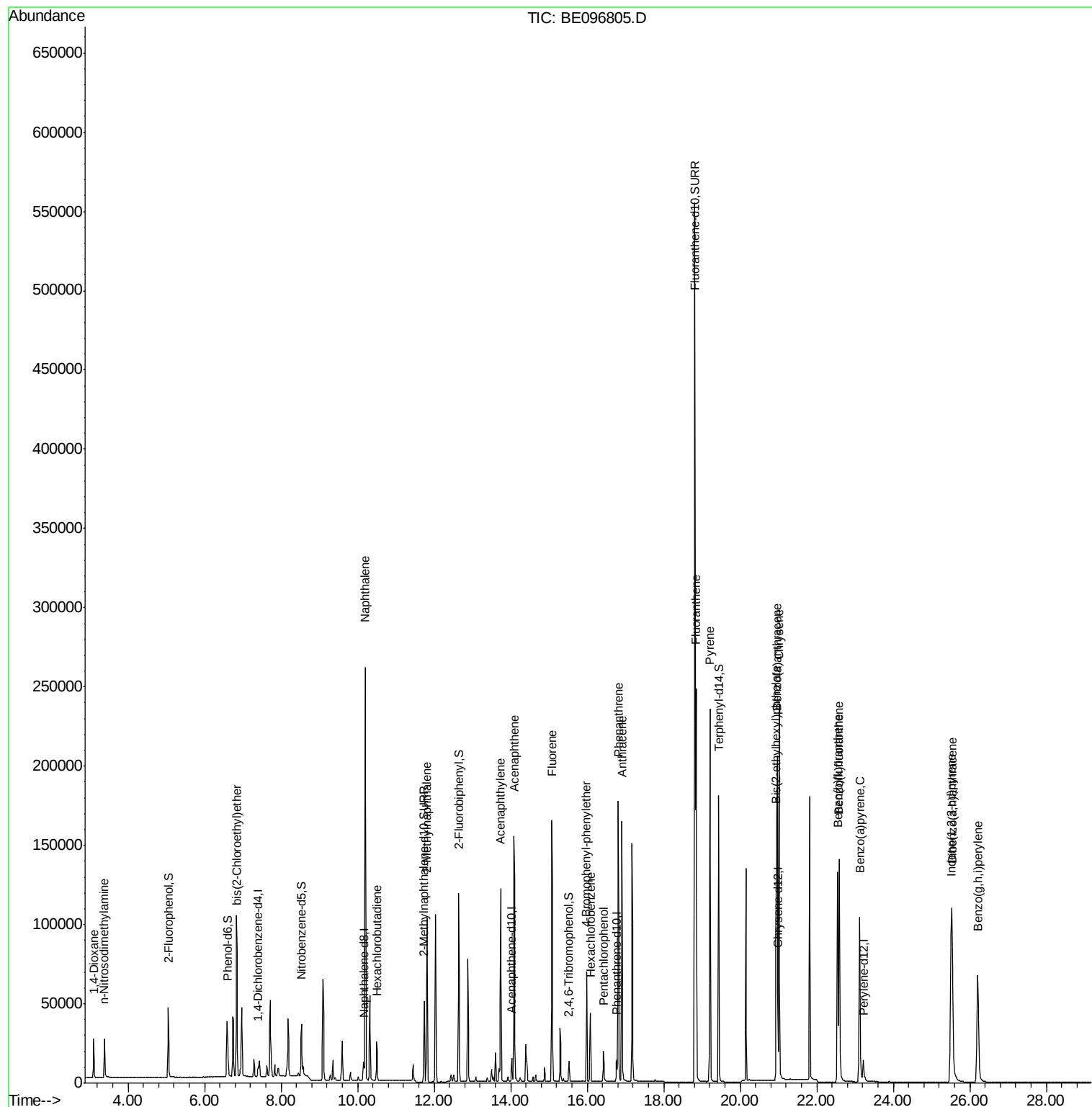
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	12944	3.054	ng	# 87
3) n-Nitrosodimethylamine	3.37	42	15792	3.323	ng	# 88
6) bis(2-Chloroethyl)ether	6.85	93	33342	3.220	ng	97
9) Naphthalene	10.20	128	413666	3.132	ng	99
10) Hexachlorobutadiene	10.50	225	16861	3.106	ng	97
12) 2-Methylnaphthalene	11.81	142	72120	3.171	ng	99
16) Acenaphthylene	13.74	152	126054	3.305	ng	100
17) Acenaphthene	14.08	154	80011	3.184	ng	96
18) Fluorene	15.08	166	96701	3.199	ng	# 80
20) 4-Bromophenyl-phenylether	15.98	248	32579	3.370	ng	# 84
21) Hexachlorobenzene	16.09	284	35418	3.237	ng	# 80
22) Pentachlorophenol	16.43	266	9241	3.627	ng	# 71
23) Phenanthrene	16.81	178	171629	3.233	ng	99
24) Anthracene	16.91	178	159732	3.519	ng	96
26) Fluoranthene	18.84	202	206952	3.541	ng	99
28) Pyrene	19.20	202	209248	3.126	ng	99
30) Benzo(a)anthracene	20.97	228	183617	3.340	ng	95
31) Chrysene	21.02	228	192302	3.029	ng	100
32) Bis(2-ethylhexyl)phthalate	20.94	149	166510	3.170	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	171953	3.131	ng	96
35) Benzo(b)fluoranthene	22.54	252	160799	3.429	ng	# 86
36) Benzo(k)fluoranthene	22.59	252	193424	3.614	ng	97
37) Benzo(a)pyrene	23.12	252	150052	3.567	ng	# 93
38) Dibenzo(a,h)anthracene	25.53	278	146774	3.543	ng	# 95
39) Benzo(g,h,i)perylene	26.21	276	148106	3.380	ng	92

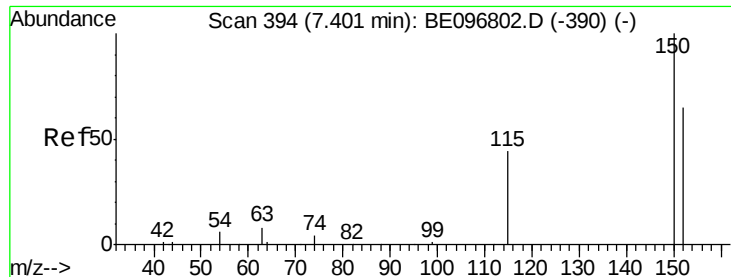
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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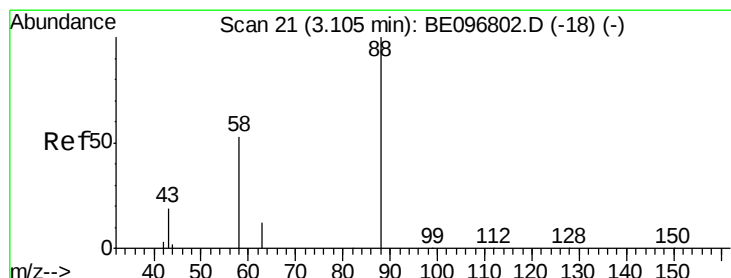
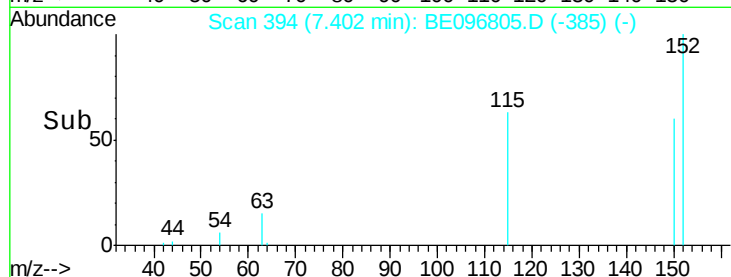
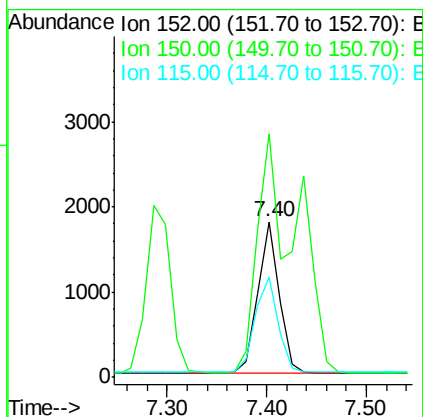
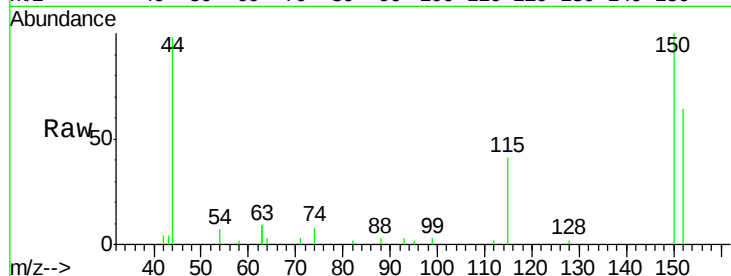


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

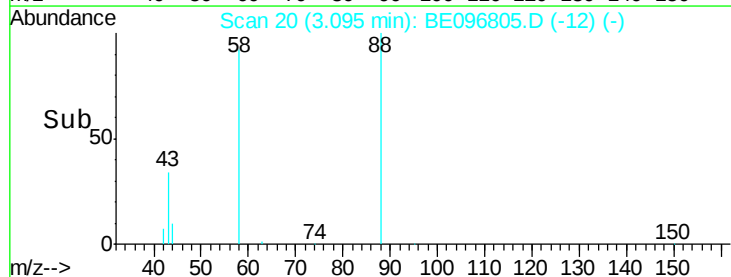
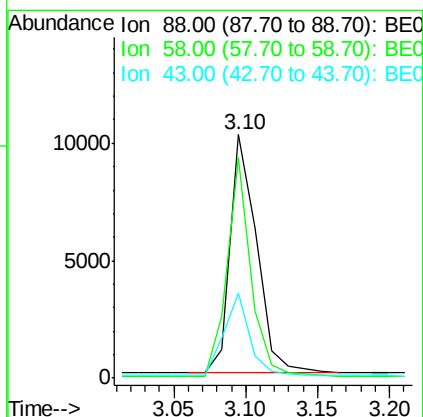
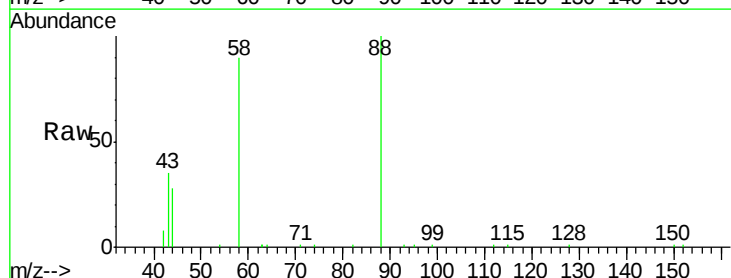
Tgt Ion:152 Resp: 2623
Ion Ratio Lower Upper
152 100
150 156.3 117.2 175.8
115 64.7 57.0 85.6

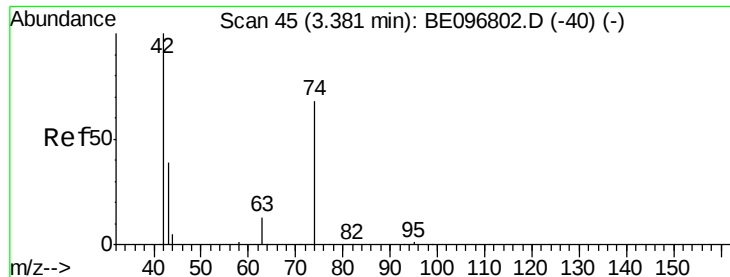


#2

1,4-Dioxane
Concen: 3.054 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.01 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Tgt Ion: 88 Resp: 12944
Ion Ratio Lower Upper
88 100
58 83.0 63.2 94.8
43 33.7 41.2 61.8#

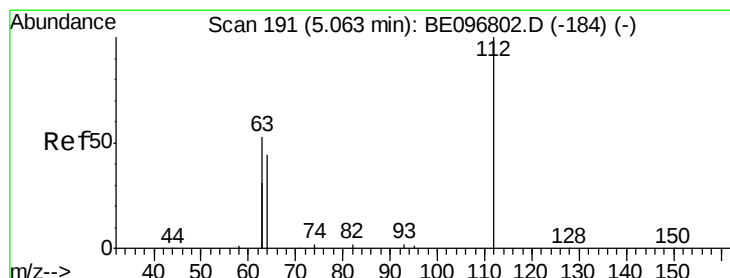
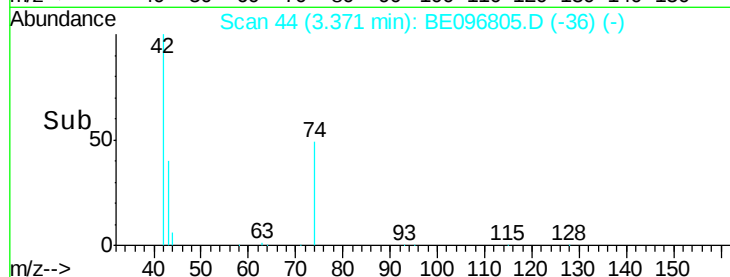
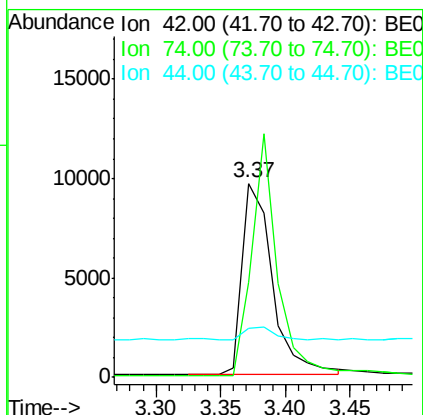
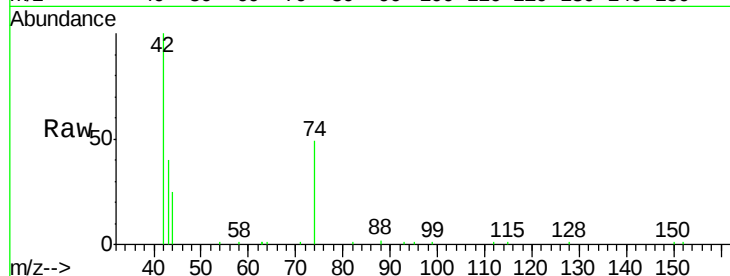




#3
 n-Nitrosodimethylamine
 Concen: 3.323 ng
 RT: 3.37 min Scan# 44
 Delta R.T. -0.01 min
 Lab File: BE096805.D
 Acq: 18 Jun 2018 12:41

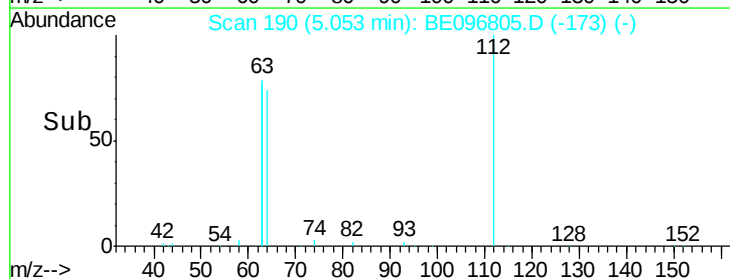
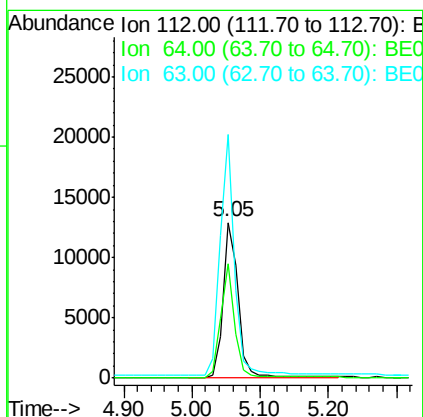
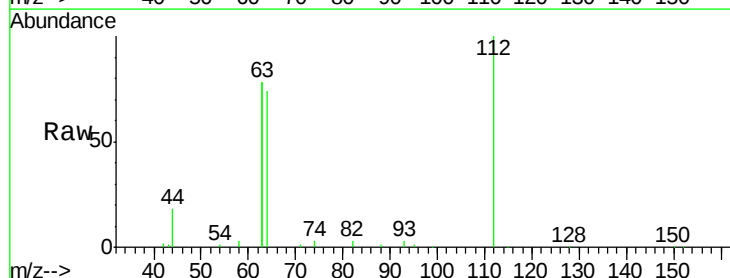
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

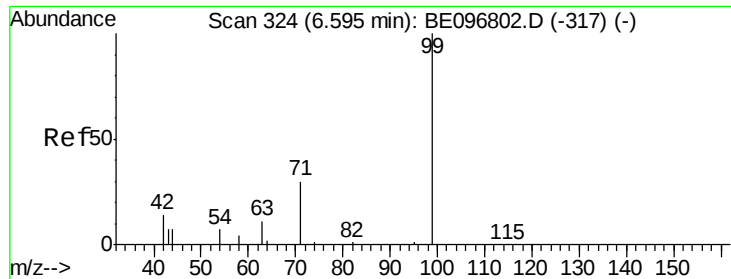
Tgt Ion: 42 Resp: 15792
 Ion Ratio Lower Upper
 42 100
 74 107.5 96.0 144.0
 44 7.2 12.0 18.0#



#4
 2-Fluorophenol
 Concen: 2.775 ng
 RT: 5.05 min Scan# 190
 Delta R.T. -0.01 min
 Lab File: BE096805.D
 Acq: 18 Jun 2018 12:41

Tgt Ion: 112 Resp: 20062
 Ion Ratio Lower Upper
 112 100
 64 69.1 60.1 90.1
 63 149.2 116.8 175.2





#5

Phenol-d6

Concen: 2.841 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

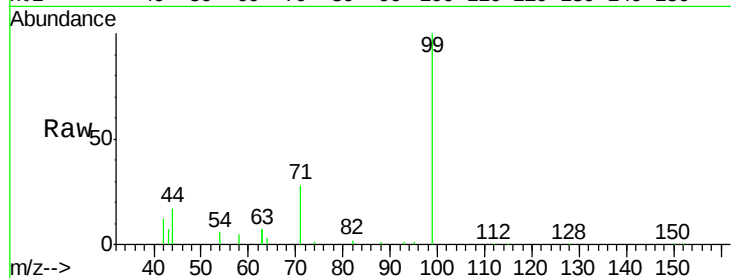
Tgt Ion: 99 Resp: 31164

Ion Ratio Lower Upper

99 100

42 23.8 20.2 30.2

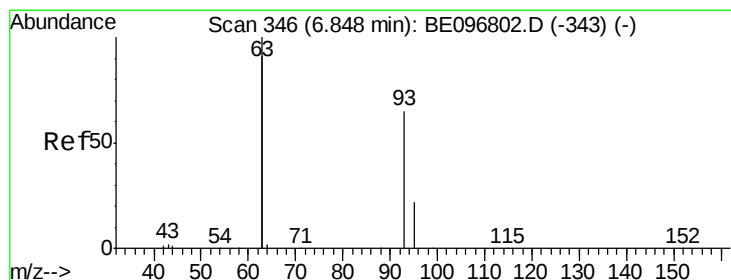
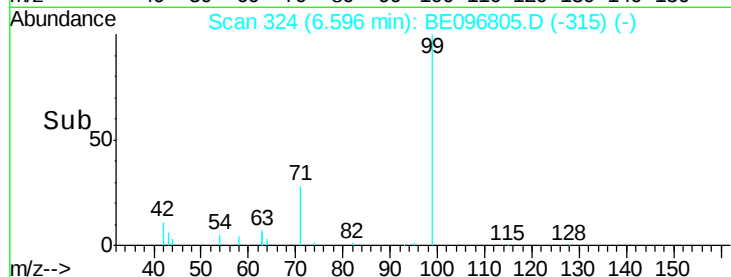
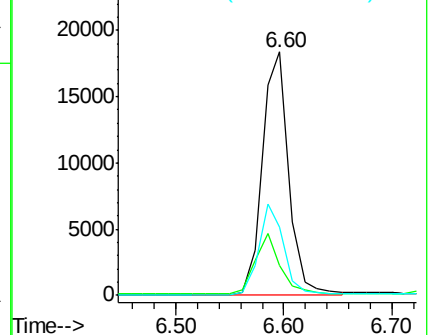
71 35.3 28.4 42.6



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: 3.220 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.00 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

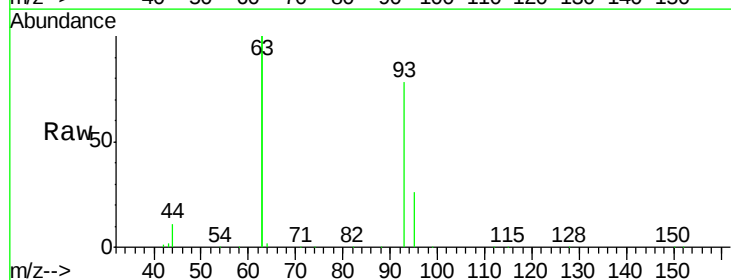
Tgt Ion: 93 Resp: 33342

Ion Ratio Lower Upper

93 100

63 337.7 275.3 412.9

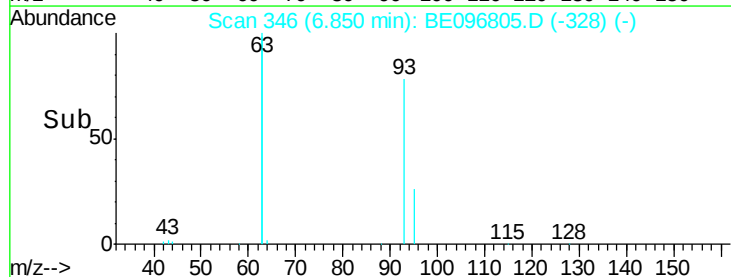
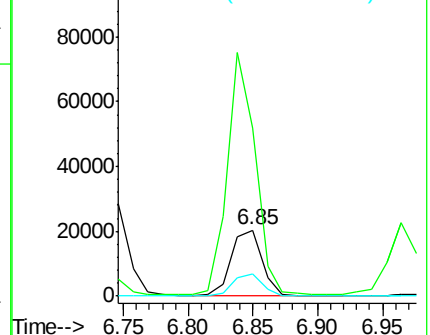
95 32.5 25.2 37.8

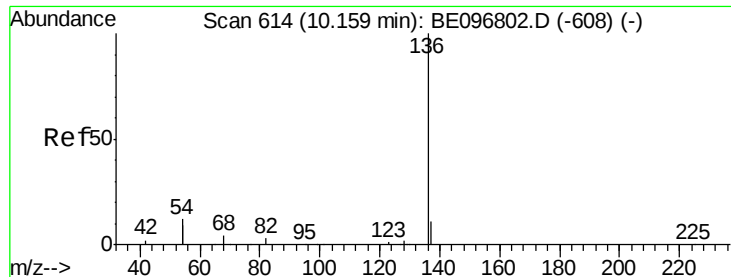


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE096805.D

Acq: 18 Jun 2018 12:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tgt Ion:136 Resp: 13477

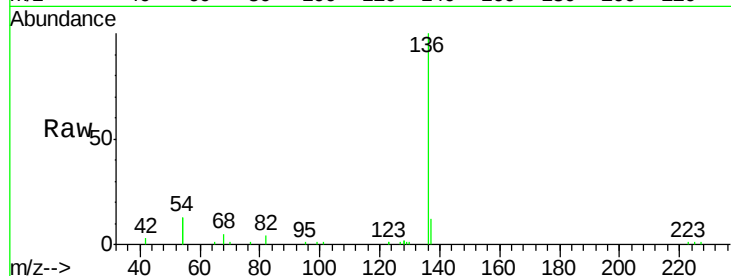
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 25.3 29.1 43.7#

68 4.9 6.2 9.2#

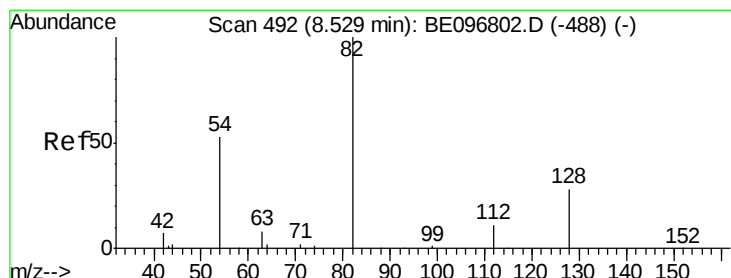
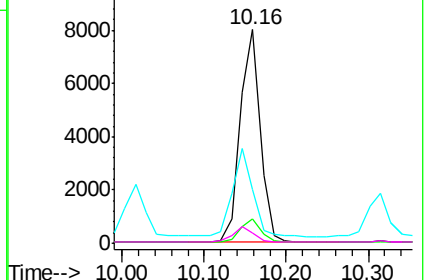
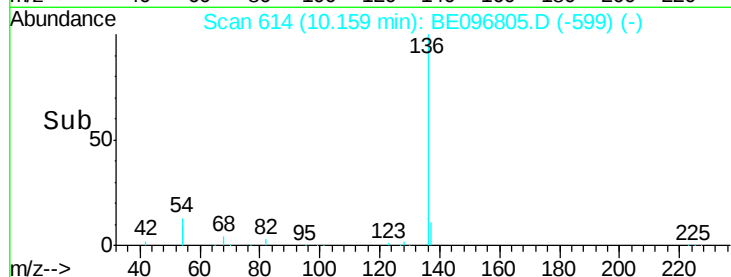


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.944 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

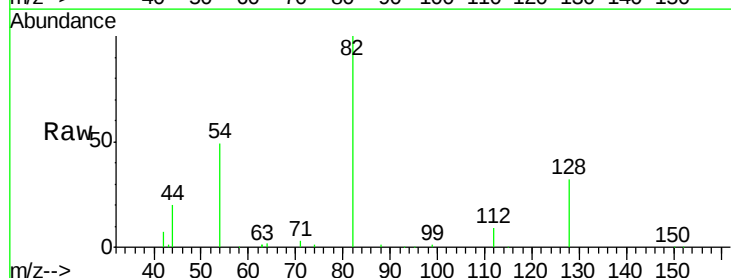
Tgt Ion: 82 Resp: 26246

Ion Ratio Lower Upper

82 100

128 31.6 24.0 36.0

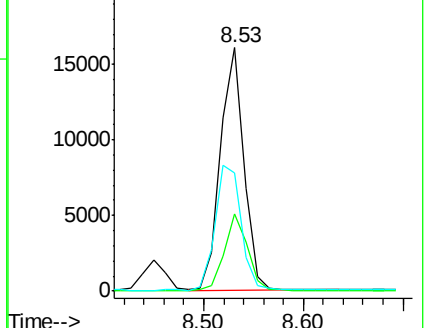
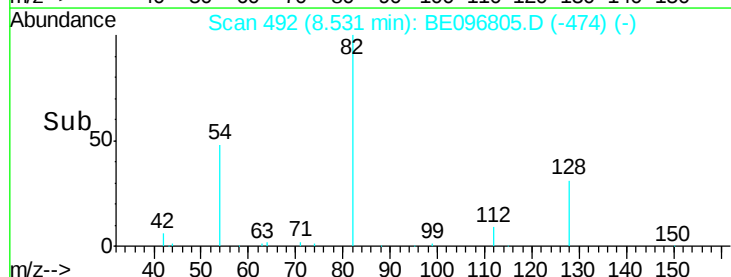
54 48.6 40.0 60.0

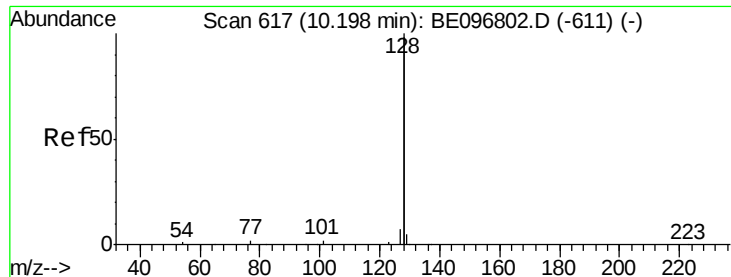


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.132 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

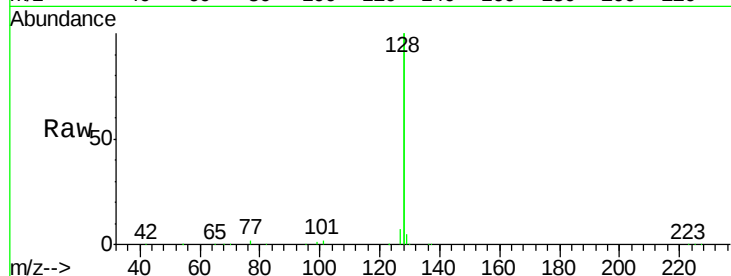
Tgt Ion:128 Resp: 413666

Ion Ratio Lower Upper

128 100

129 2.7 2.6 3.8

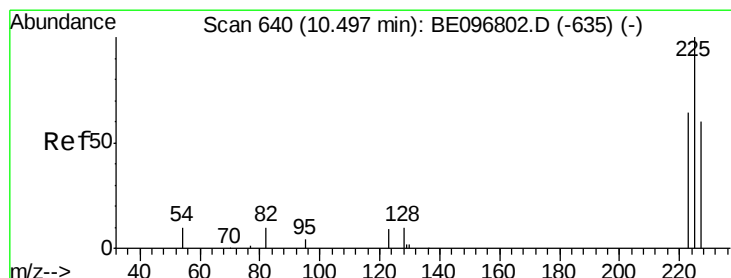
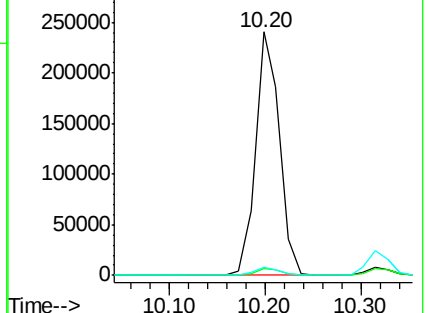
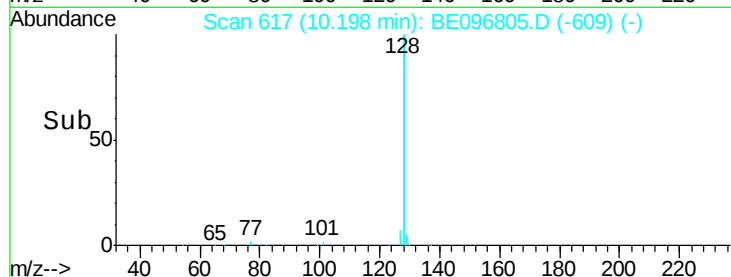
127 3.4 2.8 4.2



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: 3.106 ng

RT: 10.50 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

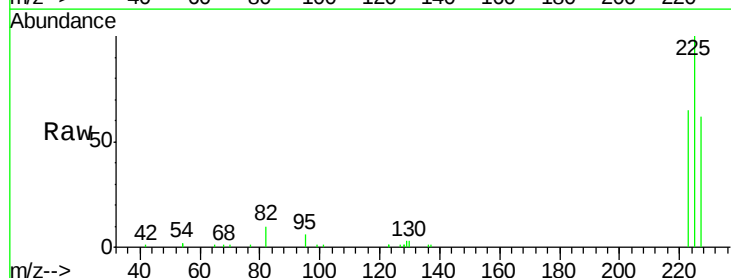
Tgt Ion:225 Resp: 16861

Ion Ratio Lower Upper

225 100

223 62.6 53.0 79.6

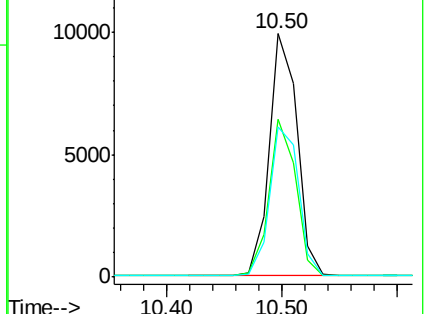
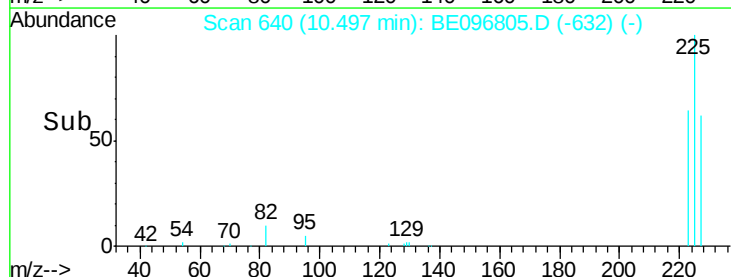
227 64.0 51.4 77.2

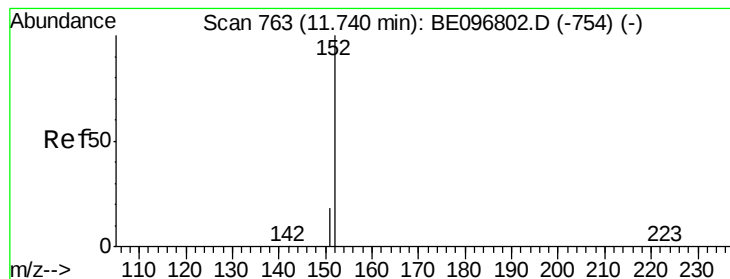


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.162 ng

RT: 11.74 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

Instrument :

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ClientSampleId :

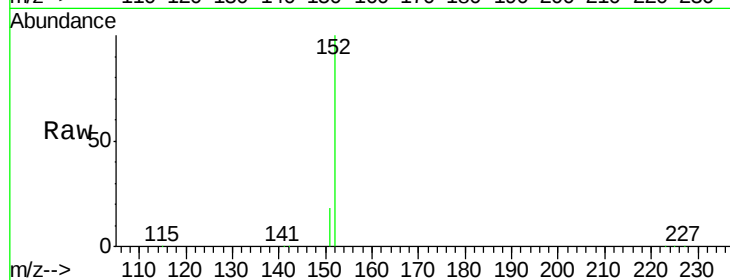
SSTDICC3.2

Tgt Ion:152 Resp: 69921

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

11.74

50000

40000

30000

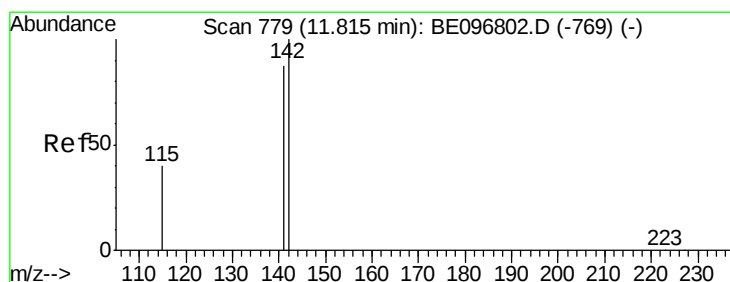
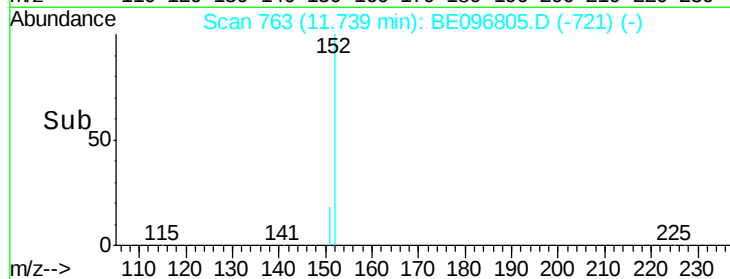
20000

10000

0

Time-->

11.70 11.80



#12

2-Methylnaphthalene

Concen: 3.171 ng

RT: 11.81 min Scan# 778

Delta R.T. -0.01 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

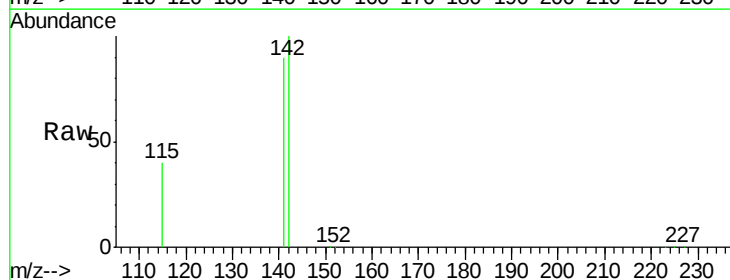
Tgt Ion:142 Resp: 72120

Ion Ratio Lower Upper

142 100

141 89.6 70.4 105.6

115 40.1 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

11.81

60000

50000

40000

30000

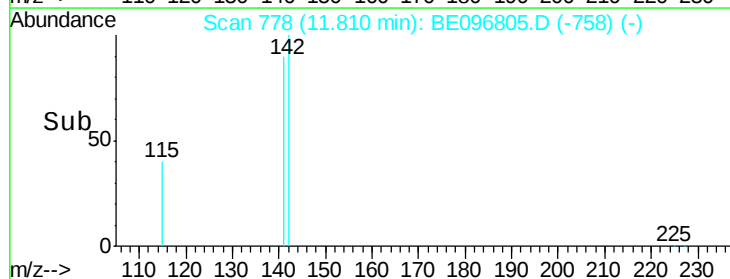
20000

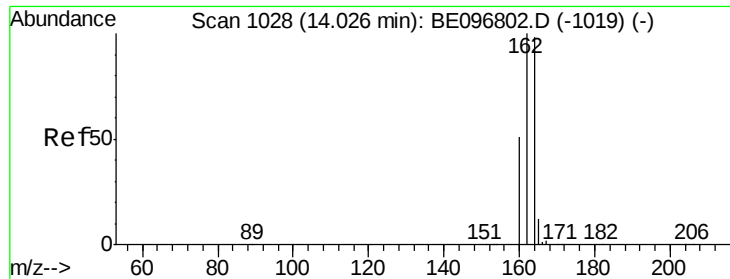
10000

0

Time-->

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: BE096805.D

Acq: 18 Jun 2018 12:41

Instrument :

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ClientSampleId :

SSTDICC3.2

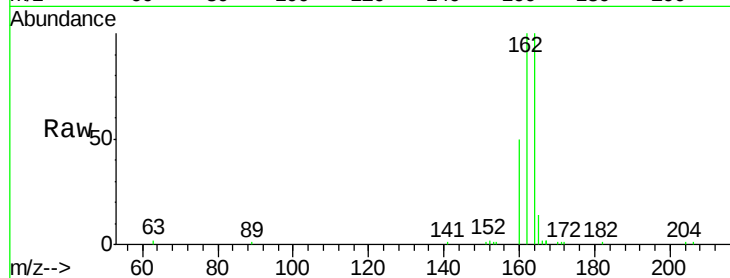
Tgt Ion:164 Resp: 7882

Ion Ratio Lower Upper

164 100

162 99.7 83.1 124.7

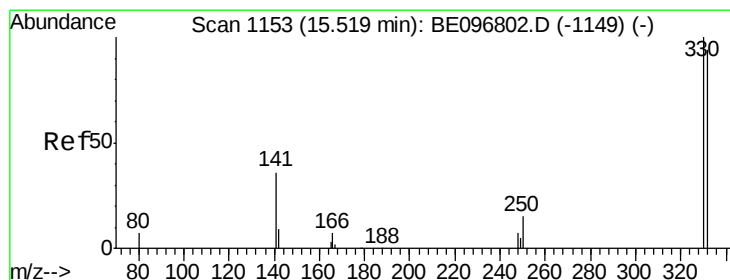
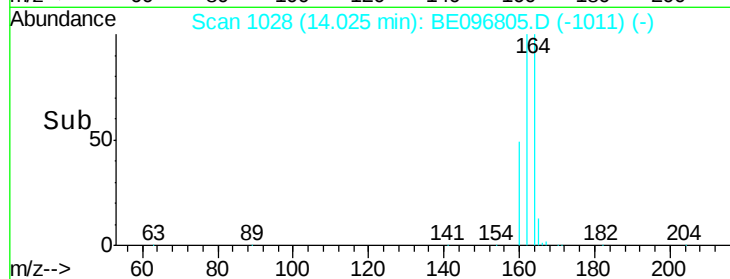
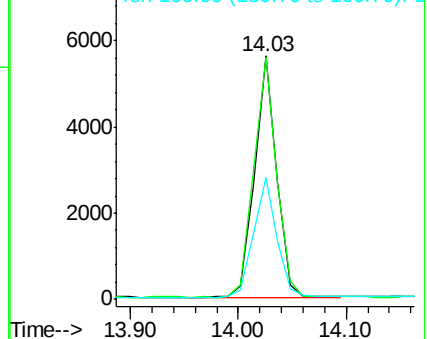
160 49.9 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 2.841 ng

RT: 15.52 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

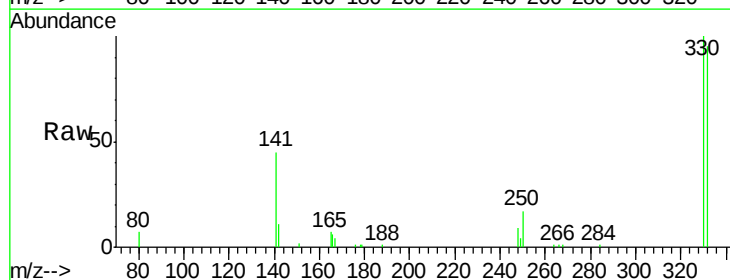
Tgt Ion:330 Resp: 7200

Ion Ratio Lower Upper

330 100

332 96.6 152.7 229.1#

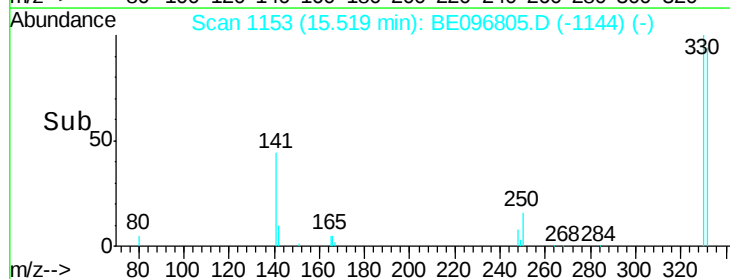
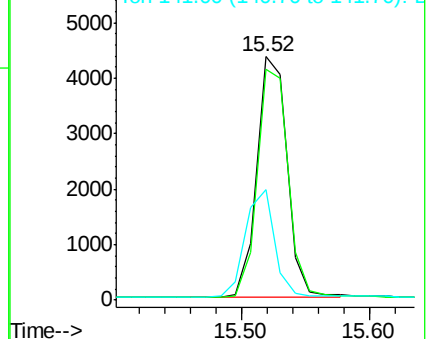
141 42.2 33.7 50.5

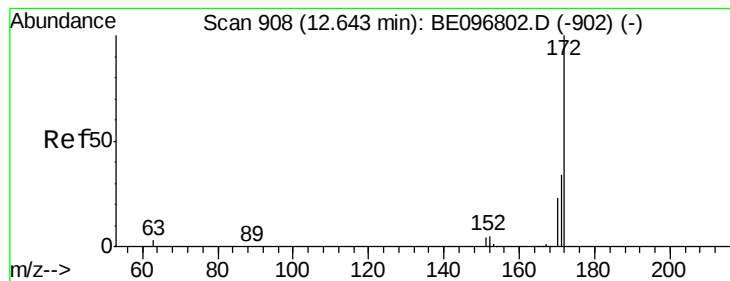


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 3.164 ng

RT: 12.64 min Scan# 908

Delta R.T. -0.00 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

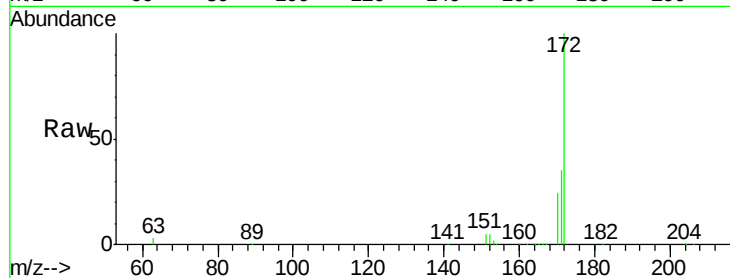
Tgt Ion:172 Resp: 98185

Ion Ratio Lower Upper

172 100

171 35.0 29.9 44.9

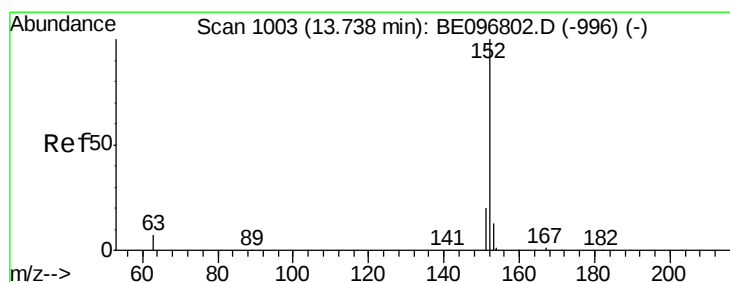
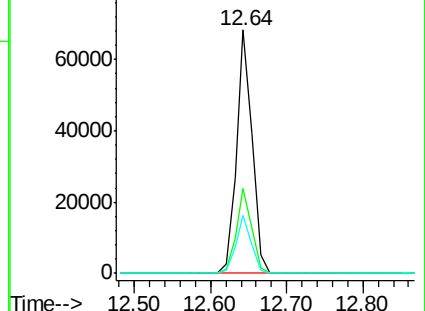
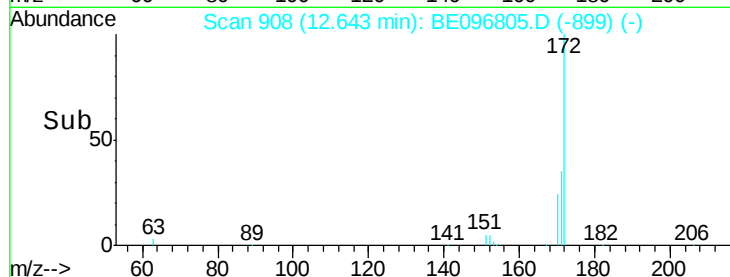
170 23.8 21.8 32.8



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: 3.305 ng

RT: 13.74 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

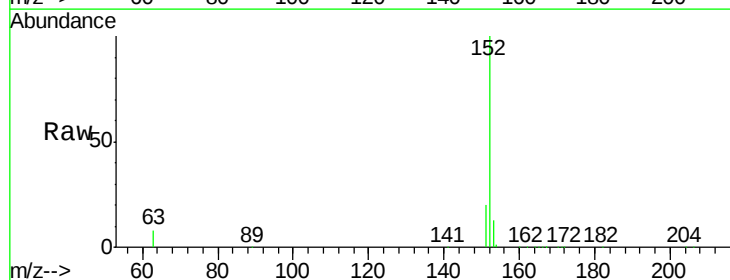
Tgt Ion:152 Resp: 126054

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

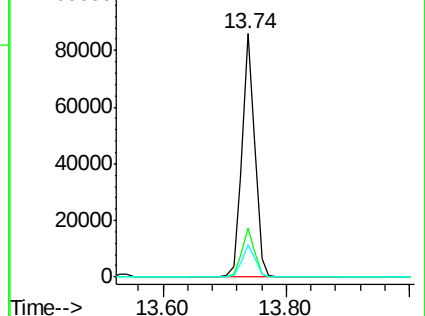
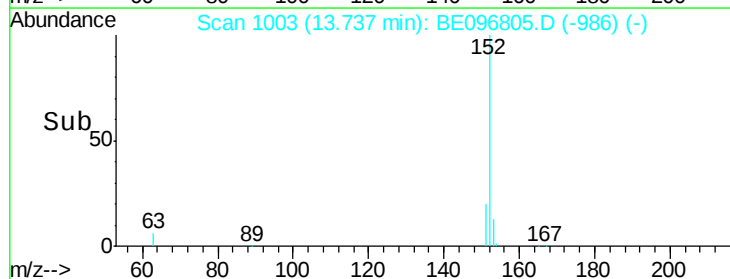
153 13.1 10.5 15.7

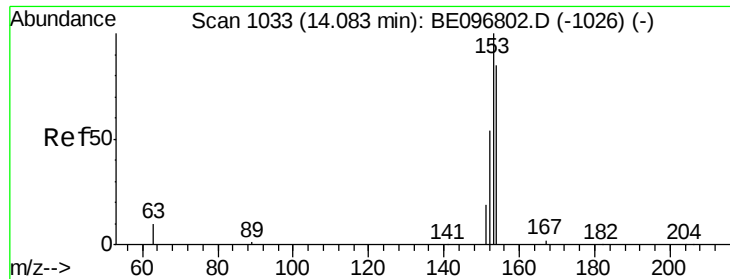


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 3.184 ng

RT: 14.08 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

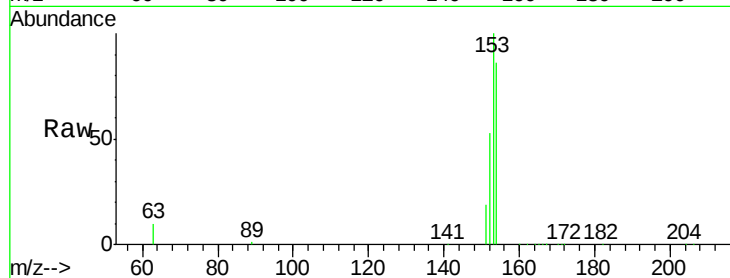
Tgt Ion:154 Resp: 80011

Ion Ratio Lower Upper

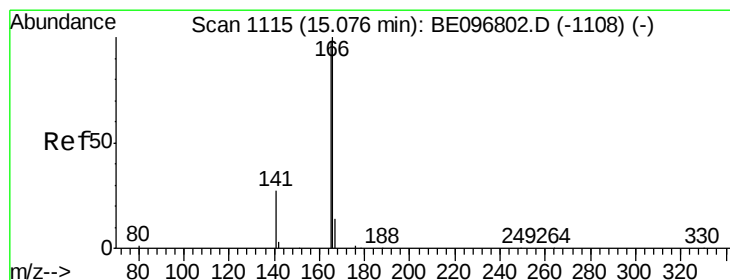
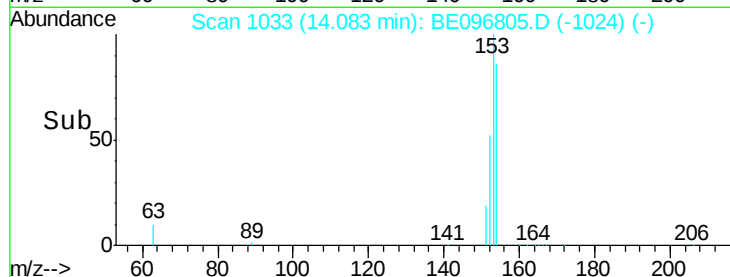
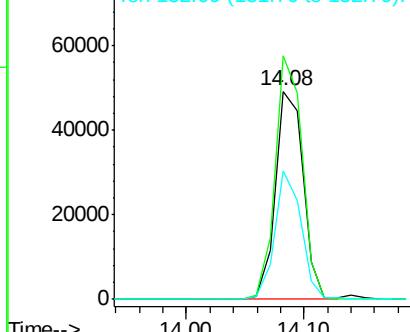
154 100

153 113.3 89.2 133.8

152 58.3 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: 3.199 ng

RT: 15.08 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

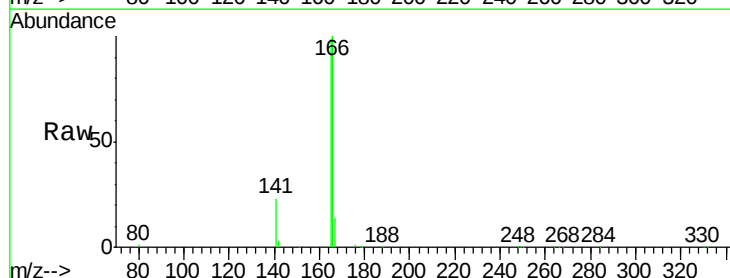
Tgt Ion:166 Resp: 96701

Ion Ratio Lower Upper

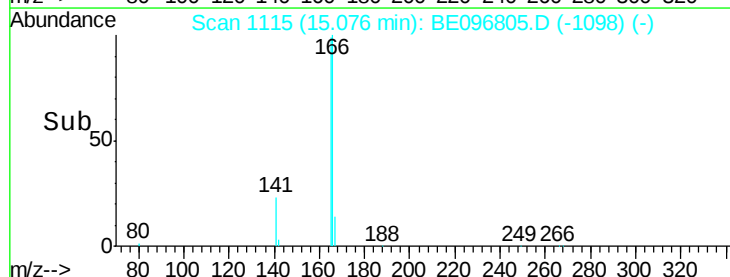
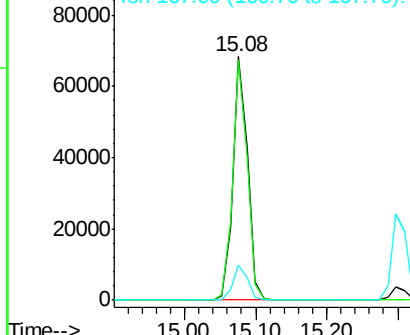
166 100

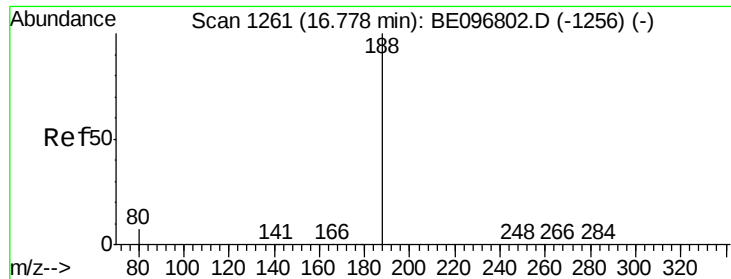
165 97.9 77.8 116.6

167 14.3 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: BE096805.D

Acq: 18 Jun 2018 12:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

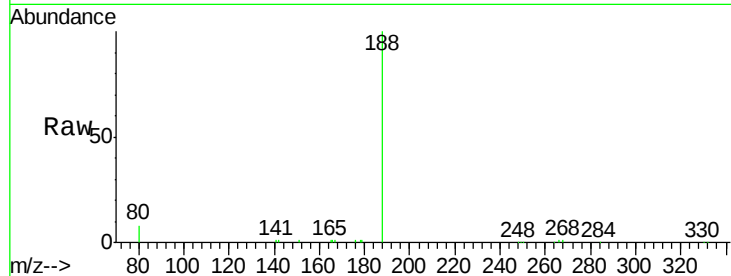
Tgt Ion:188 Resp: 19568

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

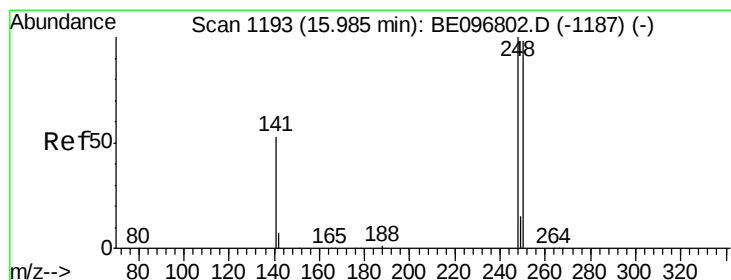
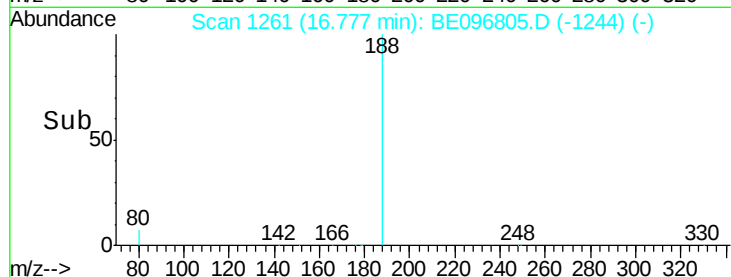
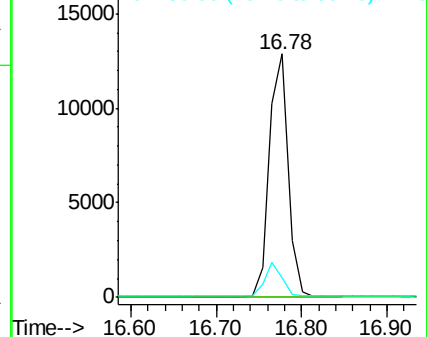
80 8.1 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 3.370 ng

RT: 15.98 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

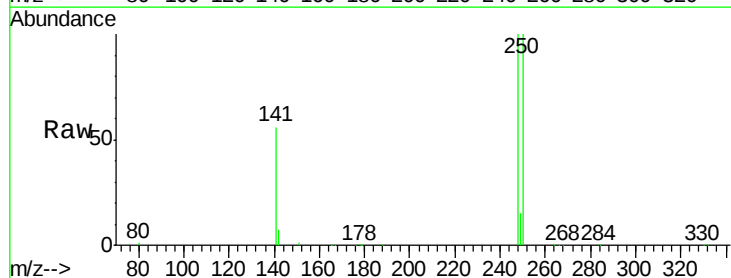
Tgt Ion:248 Resp: 32579

Ion Ratio Lower Upper

248 100

250 99.6 62.7 94.1#

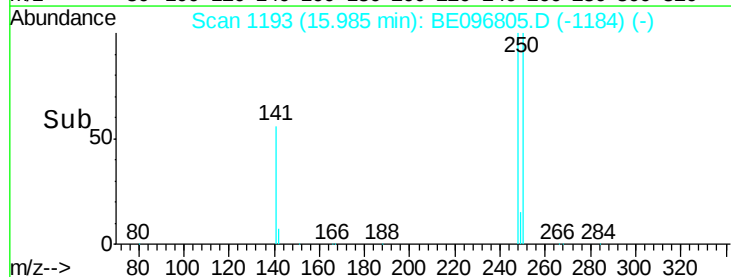
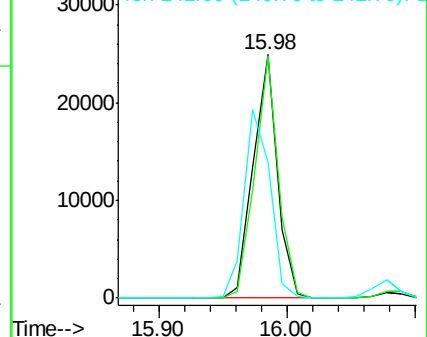
141 55.7 48.2 72.2

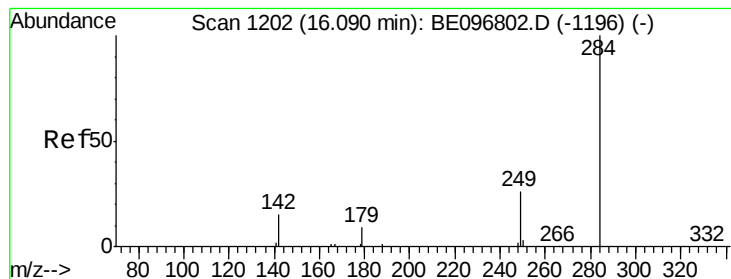


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.237 ng

RT: 16.09 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

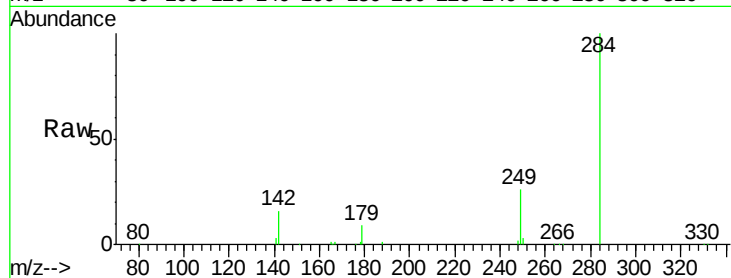
Tgt Ion:284 Resp: 35418

Ion Ratio Lower Upper

284 100

142 39.1 22.1 33.1#

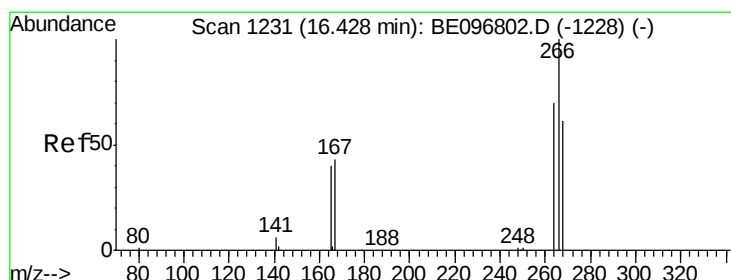
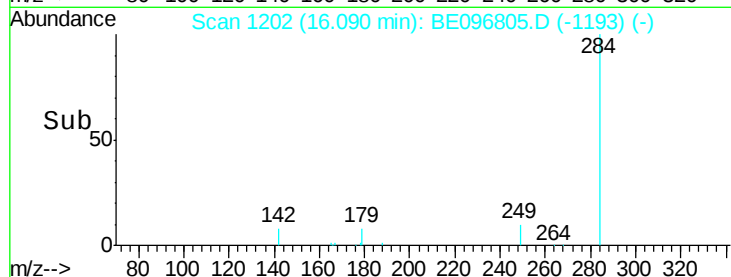
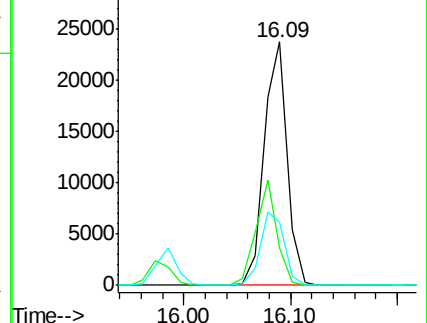
249 31.4 34.8 52.2#



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: 3.627 ng

RT: 16.43 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

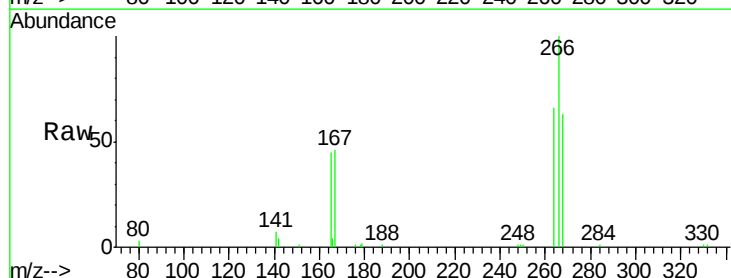
Tgt Ion:266 Resp: 9241

Ion Ratio Lower Upper

266 100

264 66.0 72.5 108.7#

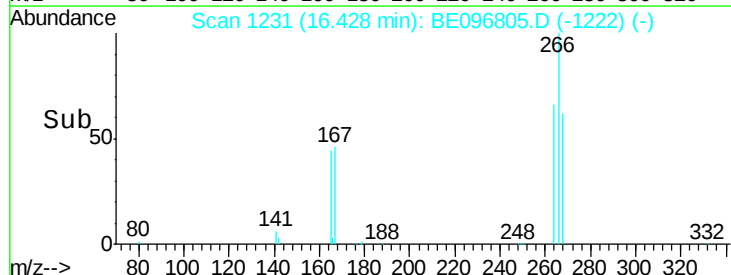
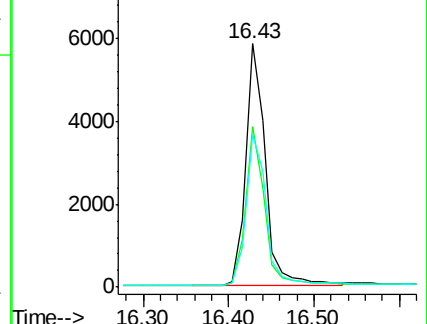
268 62.5 73.8 110.6#

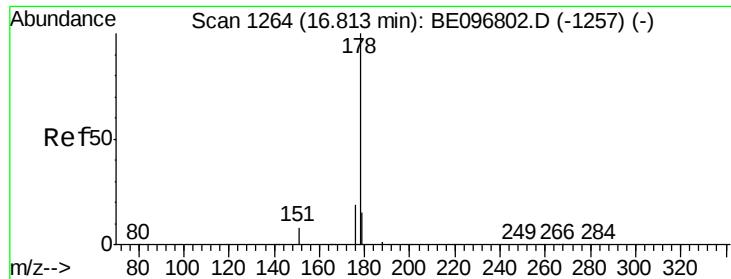


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

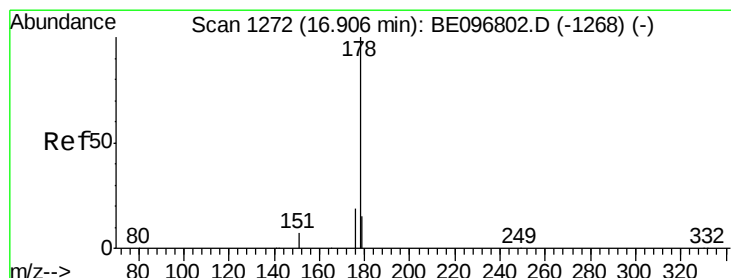
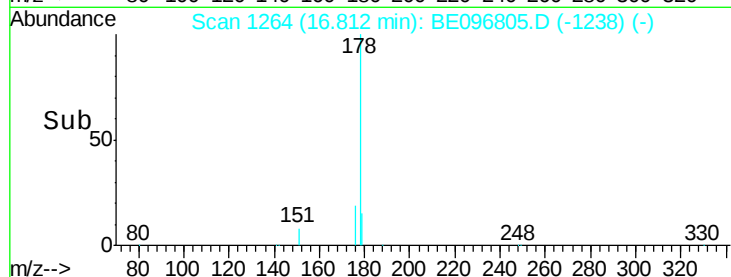
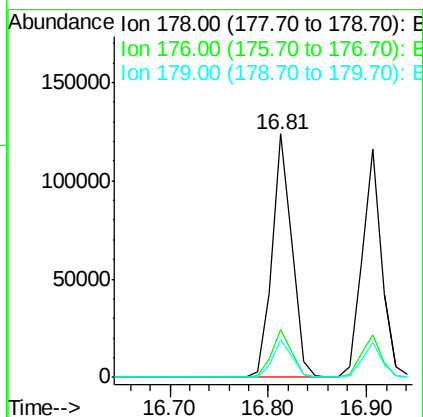
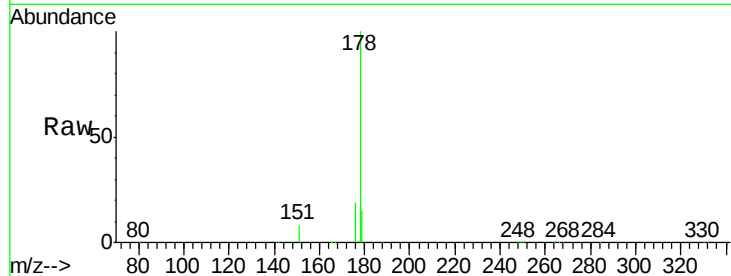




#23
Phenanthrene
Concen: 3.233 ng
RT: 16.81 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

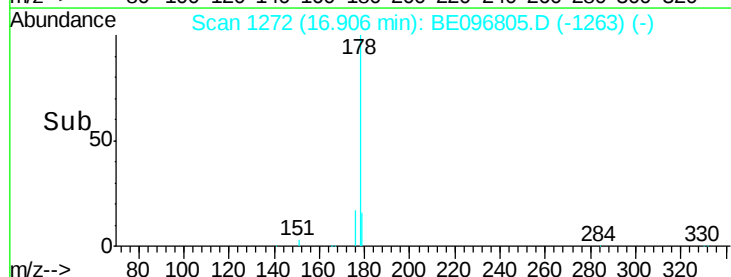
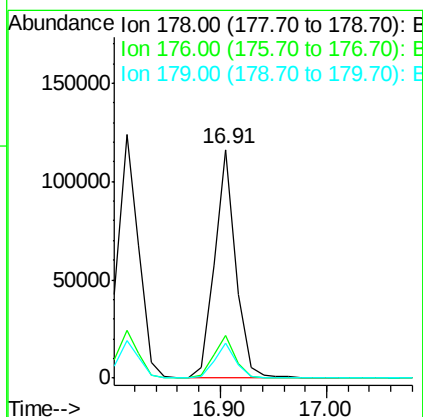
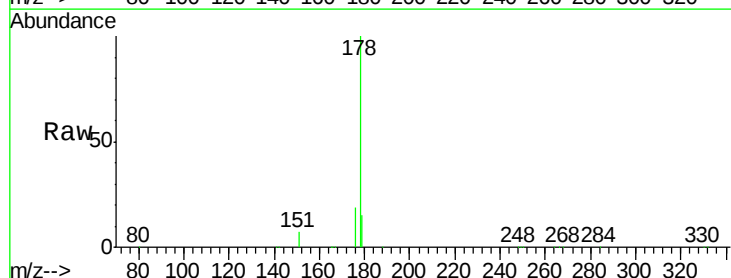
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

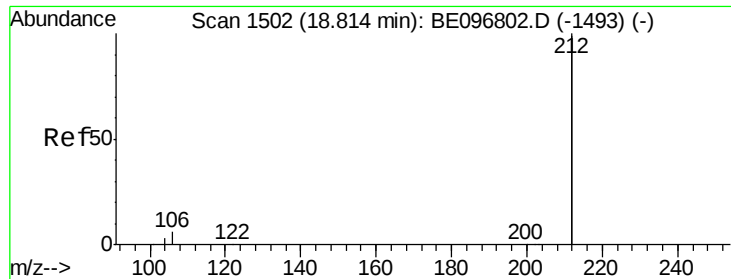
Tgt Ion:178 Resp: 171629
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 15.3 11.8 17.6



#24
Anthracene
Concen: 3.519 ng
RT: 16.91 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Tgt Ion:178 Resp: 159732
Ion Ratio Lower Upper
178 100
176 18.9 12.8 19.2
179 15.4 13.0 19.6





#25

Fluoranthene-d10

Concen: 3.543 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

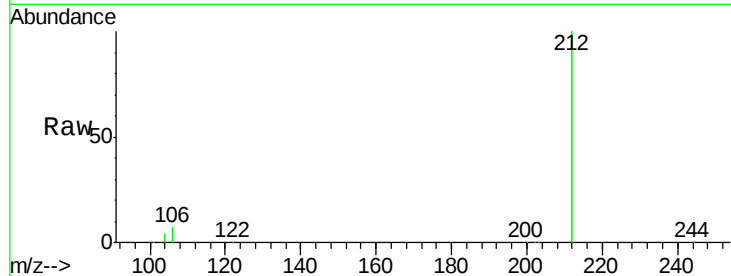
Tgt Ion:212 Resp: 711599

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

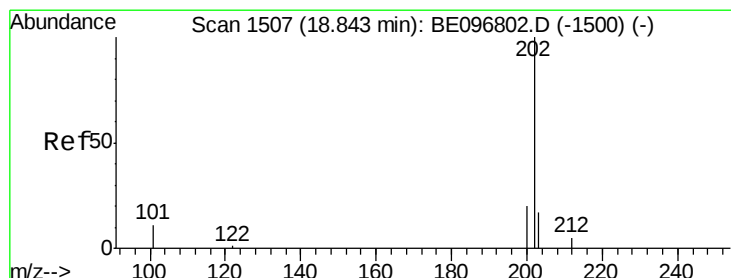
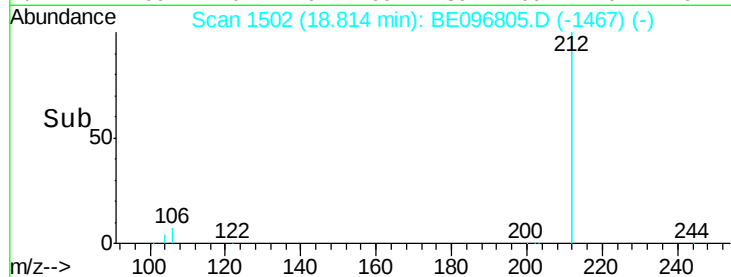
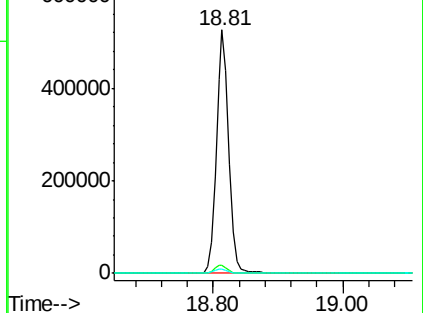
104 1.9 1.6 2.4



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: 3.541 ng

RT: 18.84 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

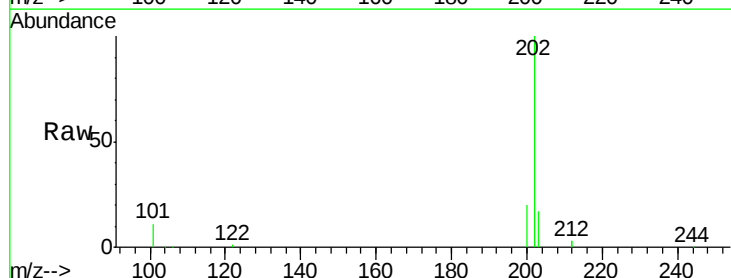
Tgt Ion:202 Resp: 206952

Ion Ratio Lower Upper

202 100

101 11.6 9.8 14.8

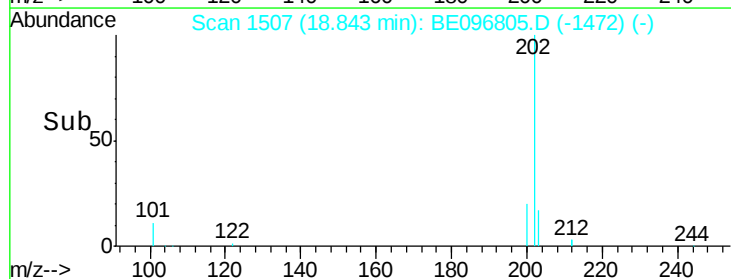
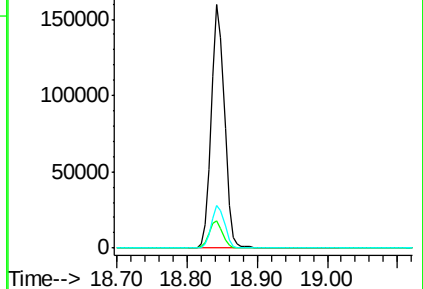
203 17.6 13.7 20.5

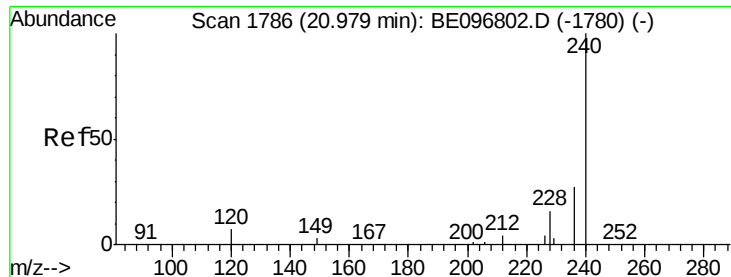


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE096805.D

Acq: 18 Jun 2018 12:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

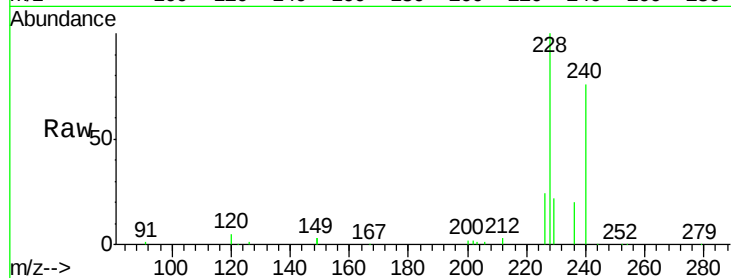
Tgt Ion:240 Resp: 20825

Ion Ratio Lower Upper

240 100

120 6.5 5.5 8.3

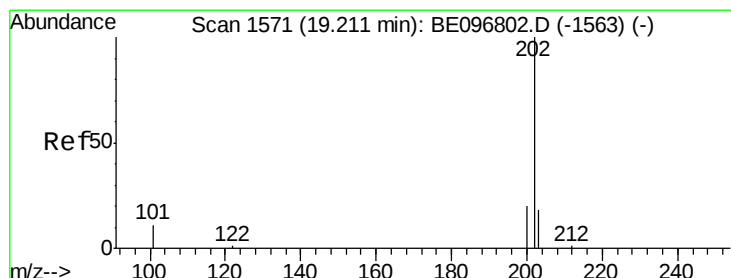
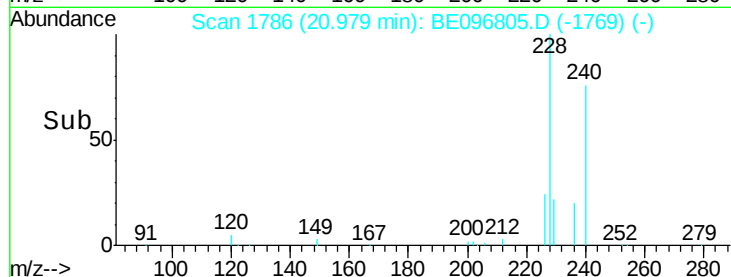
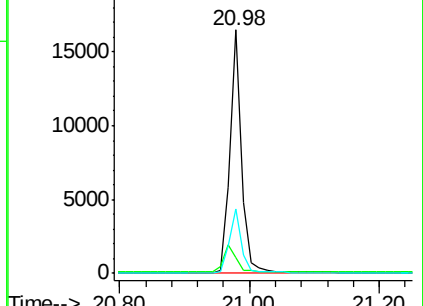
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 3.126 ng

RT: 19.20 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

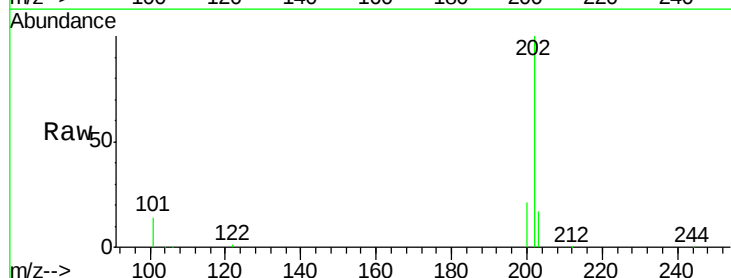
Tgt Ion:202 Resp: 209248

Ion Ratio Lower Upper

202 100

200 20.0 16.6 25.0

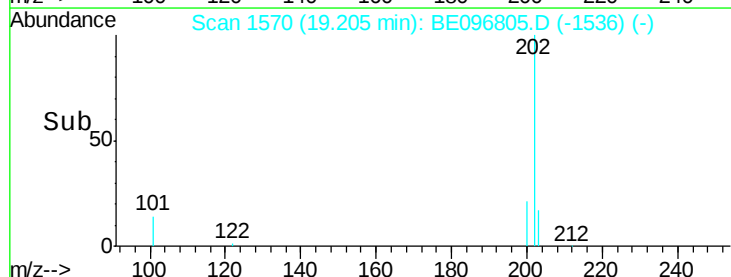
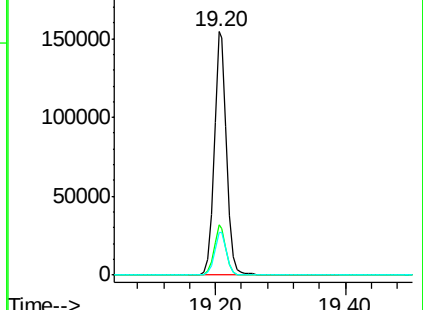
203 17.5 13.8 20.8

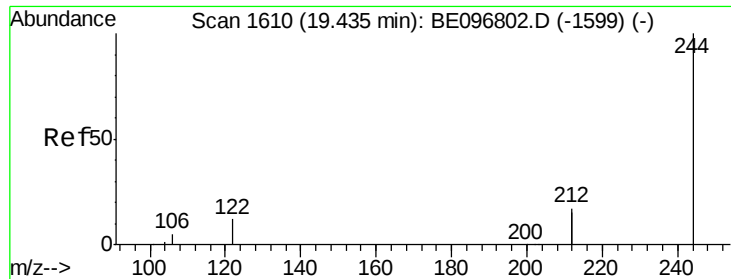


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

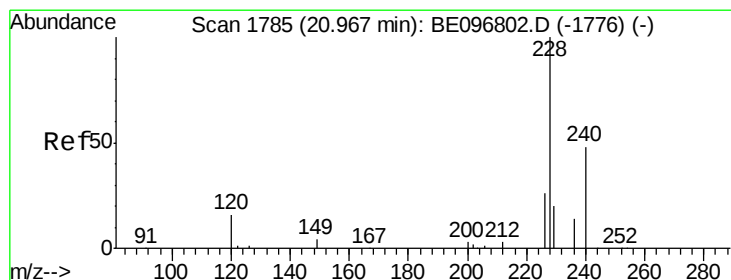
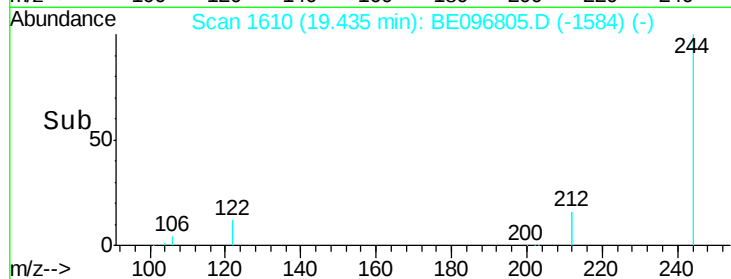
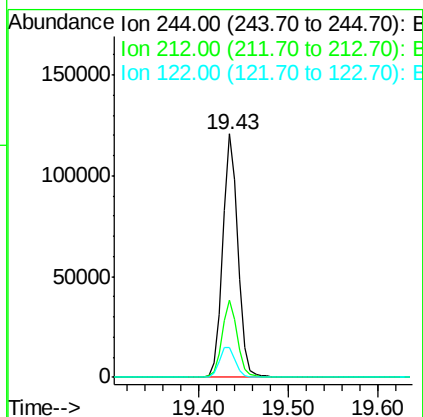
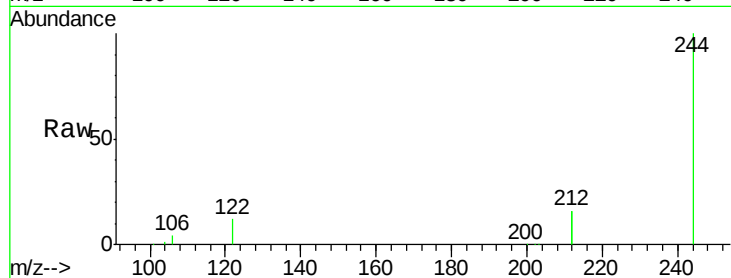




#29
 Terphenyl-d14
 Concen: 3.102 ng
 RT: 19.43 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BE096805.D
 Acq: 18 Jun 2018 12:41

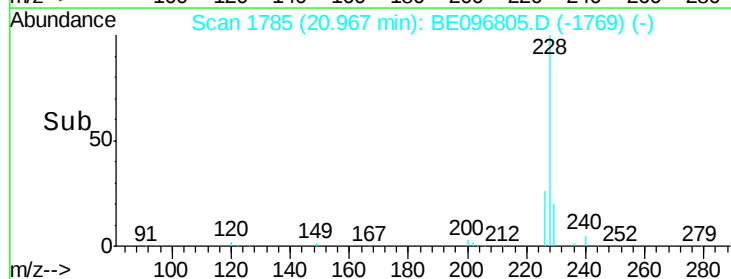
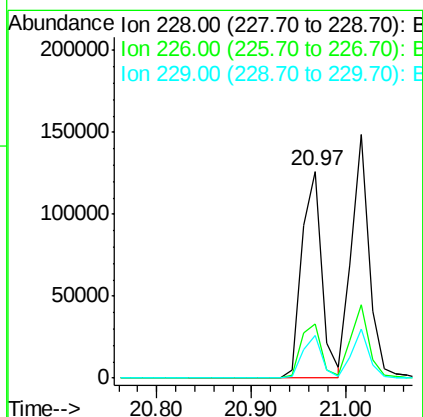
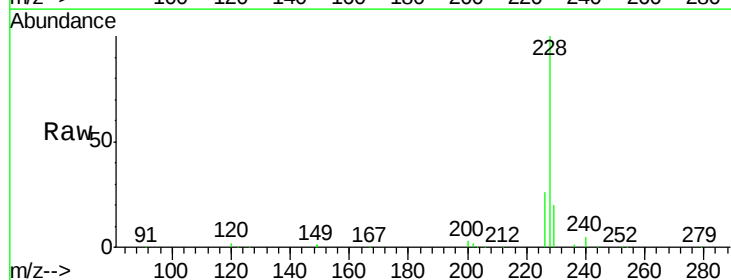
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

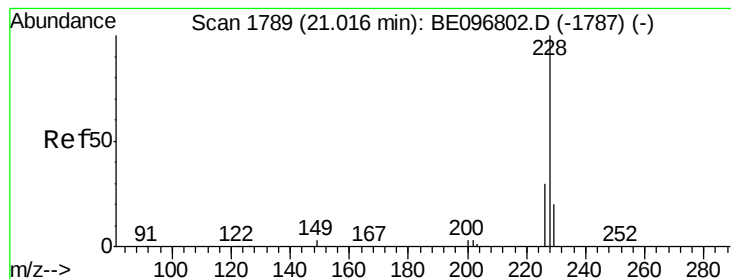
Tgt Ion: 244 Resp: 142248
 Ion Ratio Lower Upper
 244 100
 212 31.6 25.4 38.0
 122 12.4 8.1 12.1#



#30
 Benzo(a)anthracene
 Concen: 3.340 ng
 RT: 20.97 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BE096805.D
 Acq: 18 Jun 2018 12:41

Tgt Ion: 228 Resp: 183617
 Ion Ratio Lower Upper
 228 100
 226 26.3 24.0 36.0
 229 20.5 16.0 24.0





#31

Chrysene

Concen: 3.029 ng

RT: 21.02 min Scan# 1789

Delta R.T. -0.00 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

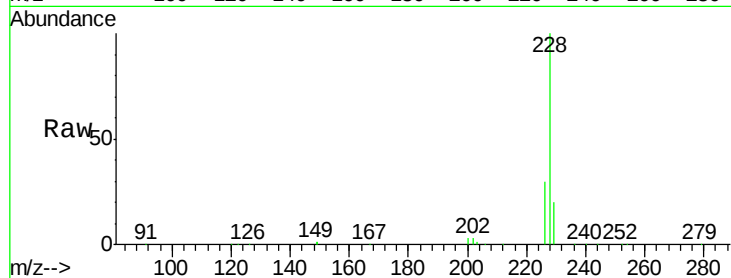
Tgt Ion: 228 Resp: 192302

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

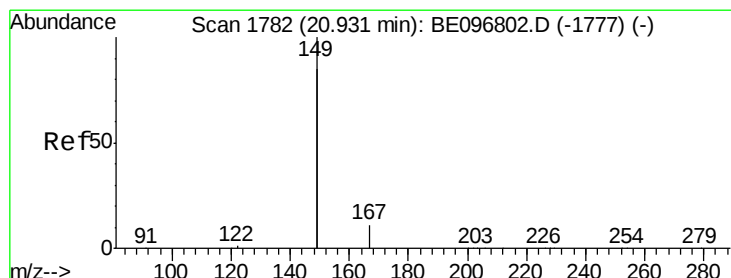
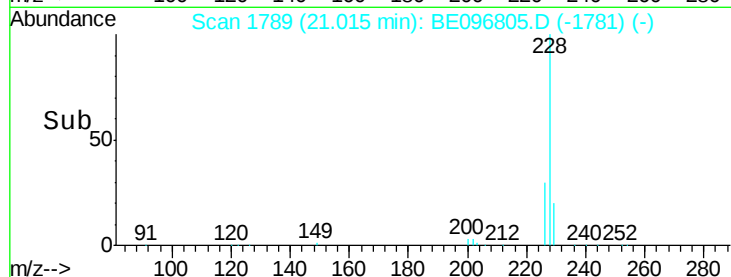
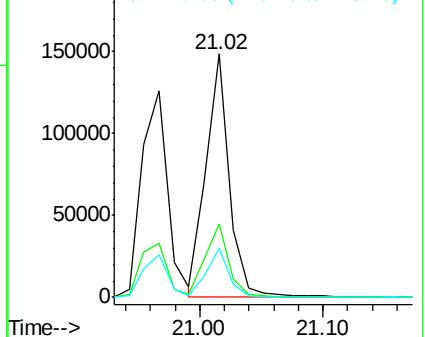
229 20.0 16.0 24.0



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: 3.170 ng

RT: 20.94 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

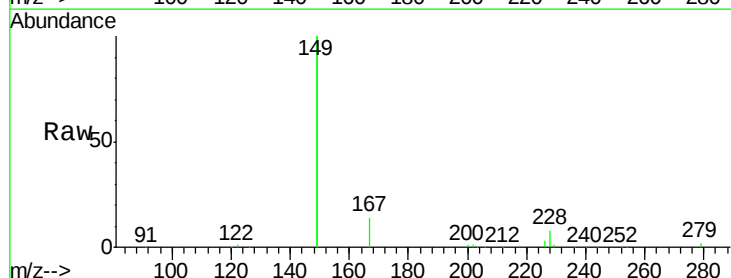
Tgt Ion: 149 Resp: 166510

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

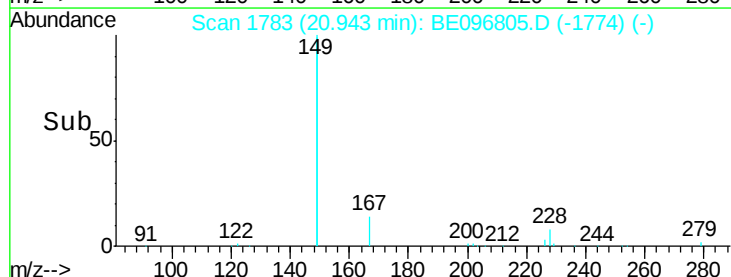
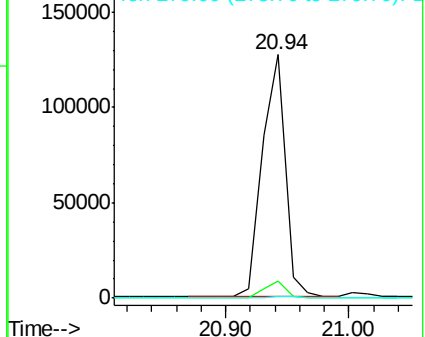
279 0.8 0.7 1.1

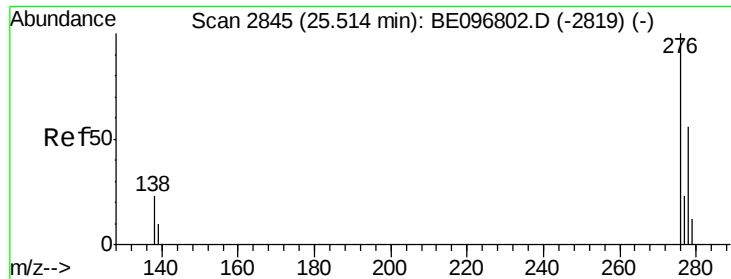


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

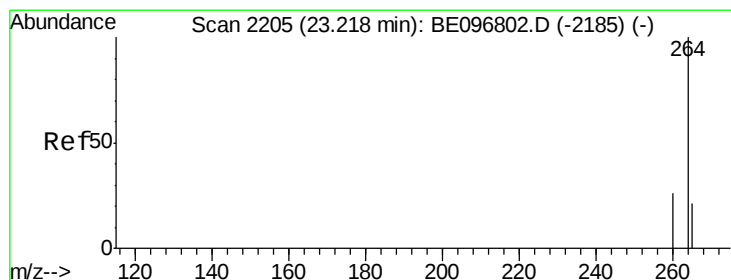
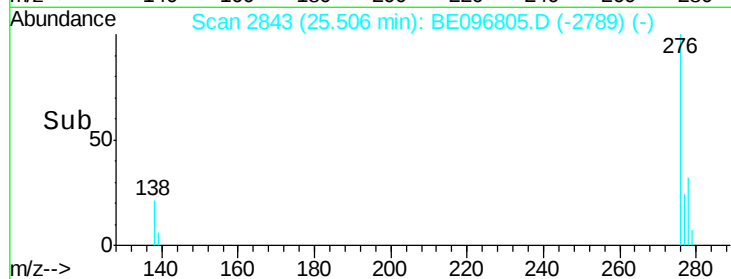
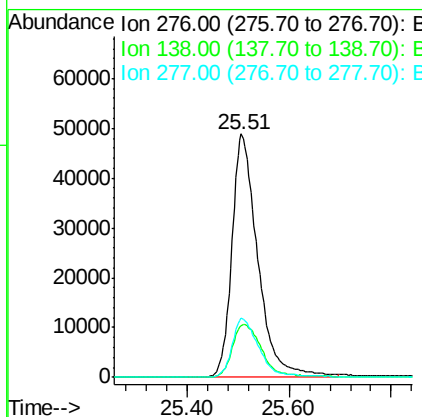
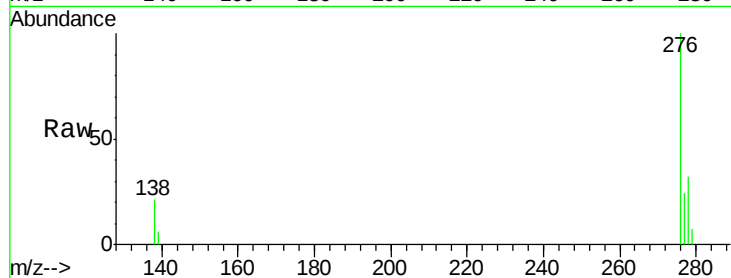




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.131 ng
 RT: 25.51 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BE096805.D
 Acq: 18 Jun 2018 12:41

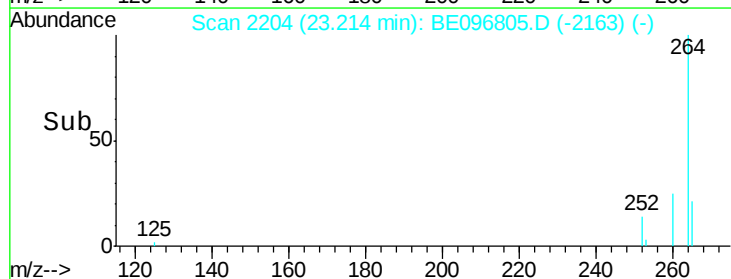
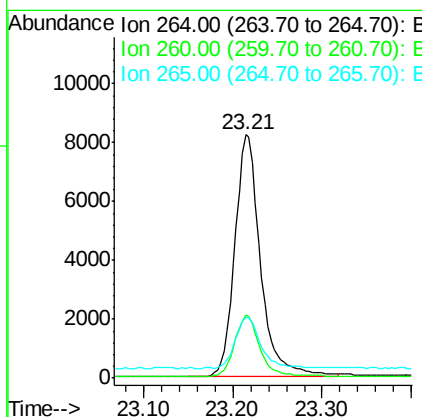
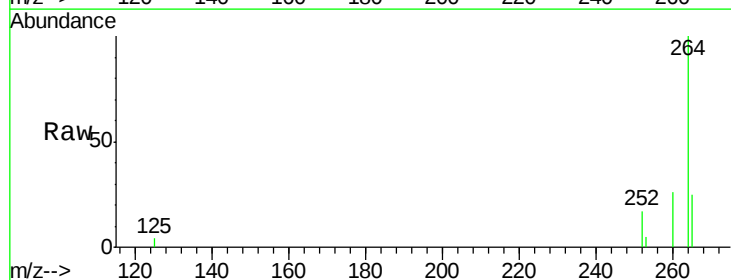
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

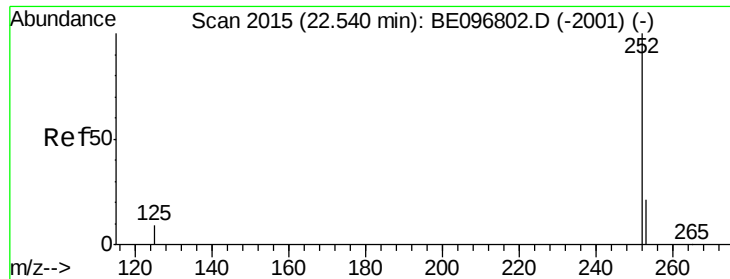
Tgt Ion: 276 Resp: 171953
 Ion Ratio Lower Upper
 276 100
 138 24.7 22.5 33.7
 277 25.0 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE096805.D
 Acq: 18 Jun 2018 12:41

Tgt Ion: 264 Resp: 16509
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.5 30.7
 265 25.0 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 3.429 ng

RT: 22.54 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

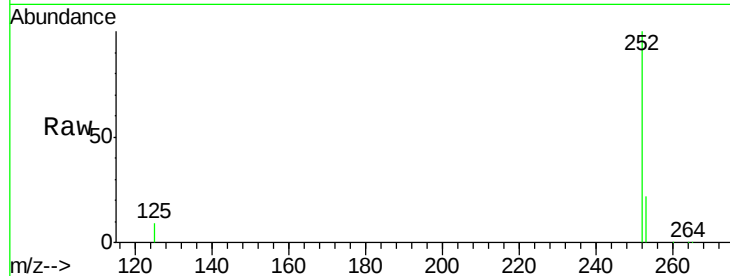
Tgt Ion:252 Resp: 160799

Ion Ratio Lower Upper

252 100

253 21.8 20.0 30.0

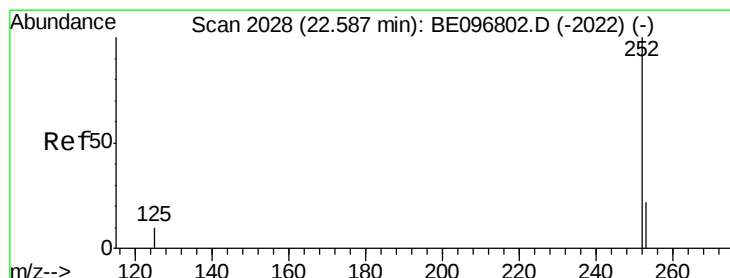
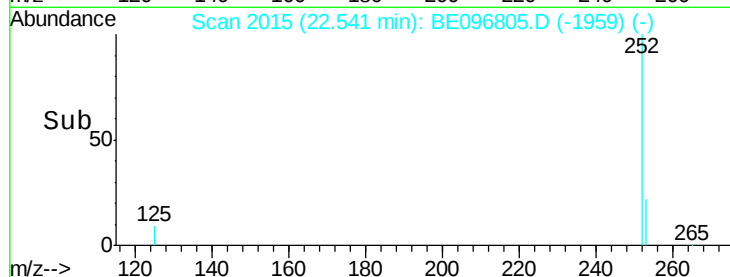
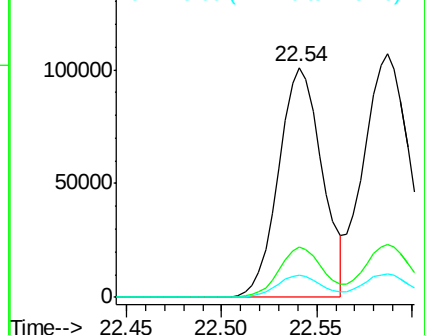
125 9.4 16.0 24.0#



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: 3.614 ng

RT: 22.59 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

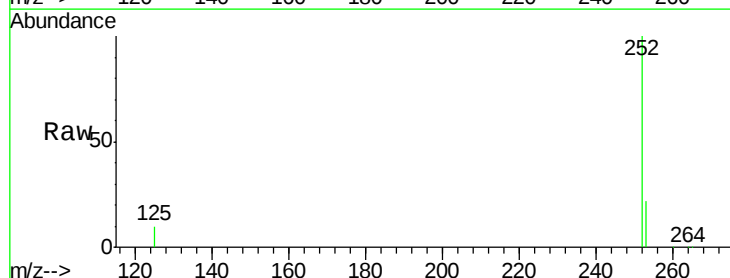
Tgt Ion:252 Resp: 193424

Ion Ratio Lower Upper

252 100

253 22.0 16.0 24.0

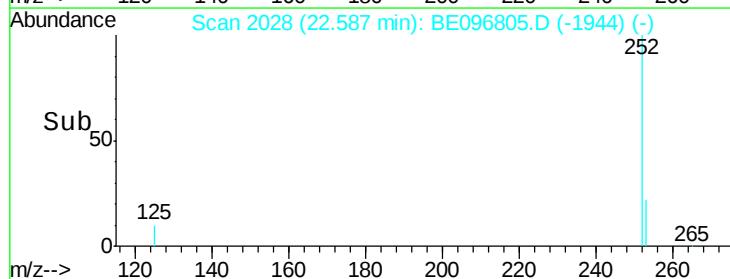
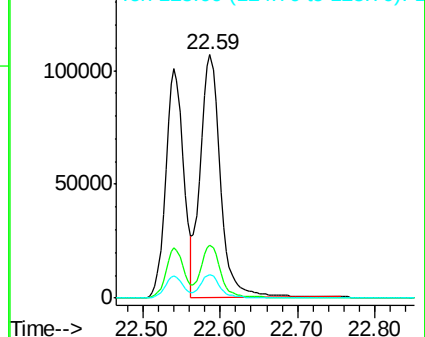
125 9.6 8.0 12.0

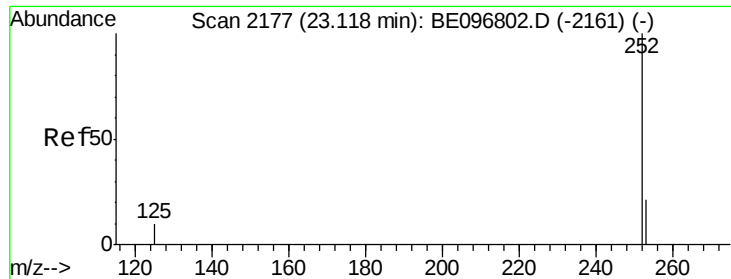


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 3.567 ng

RT: 23.12 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

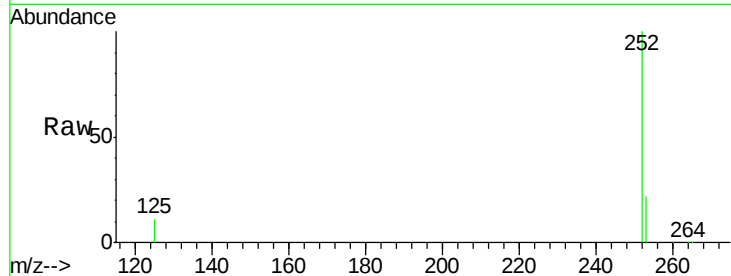
Tgt Ion:252 Resp: 150052

Ion Ratio Lower Upper

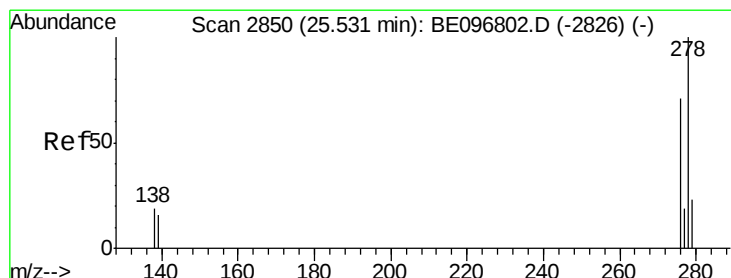
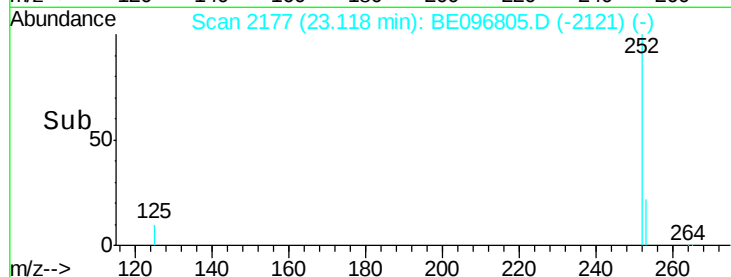
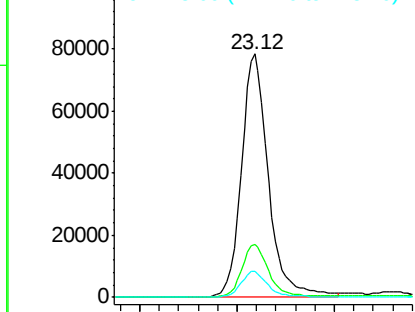
252 100

253 22.0 16.0 24.0

125 10.6 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: 3.543 ng

RT: 25.53 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BE096805.D

Acq: 18 Jun 2018 12:41

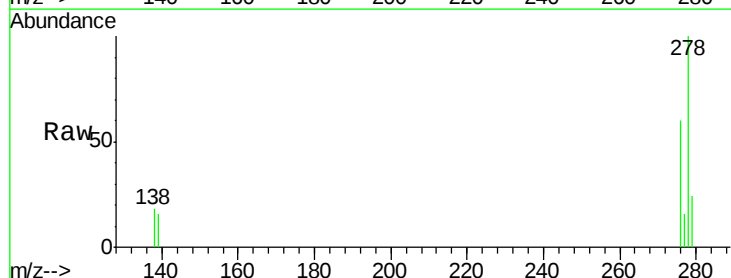
Tgt Ion:278 Resp: 146774

Ion Ratio Lower Upper

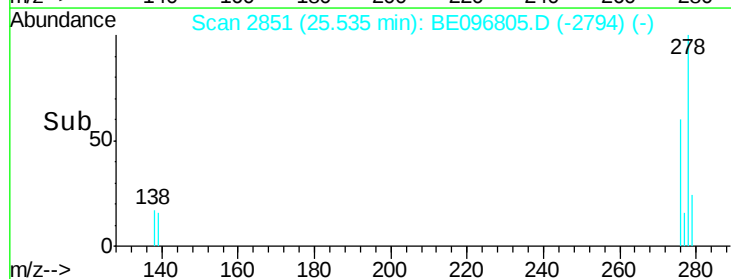
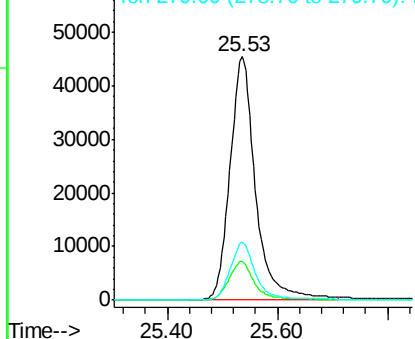
278 100

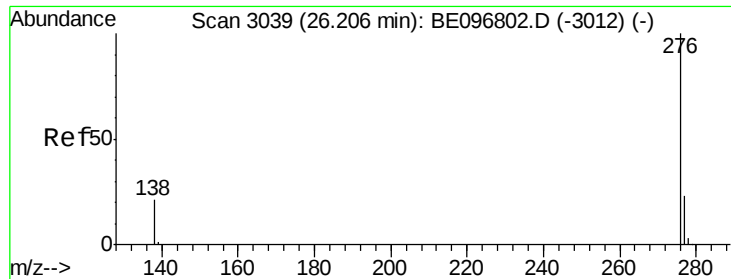
139 15.9 16.0 24.0#

279 23.7 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(g,h,i)perylene

Concen: 3.380 ng

RT: 26.21 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BE096805.D

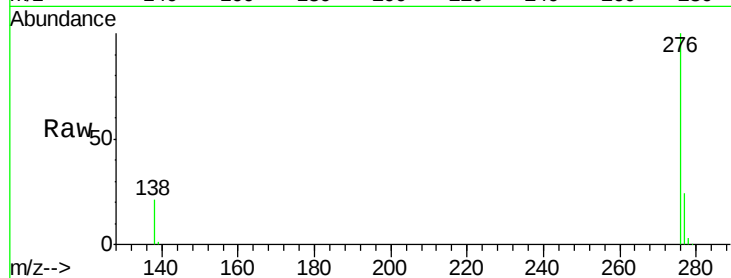
Acq: 18 Jun 2018 12:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2



Tgt Ion: 276 Resp: 148106

Ion Ratio Lower Upper

276 100

277 23.9 16.0 24.0

138 21.5 20.0 30.0

