

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 :
 SSTDICC3.2

Quant Time: Jun 20 15:42:05 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 15:14:36 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	3.56	ng	0.00
5) Phenol-d6	6.60	99	30296	3.77	ng	0.00
8) Nitrobenzene-d5	8.53	82	26478	3.59	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	59653	3.41	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	7778	4.60	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	83376	3.23	ng	0.00
25) Fluoranthene-d10	18.81	212	607708	3.94	ng	0.00
29) Terphenyl-d14	19.44	244	119434	3.21	ng	0.00

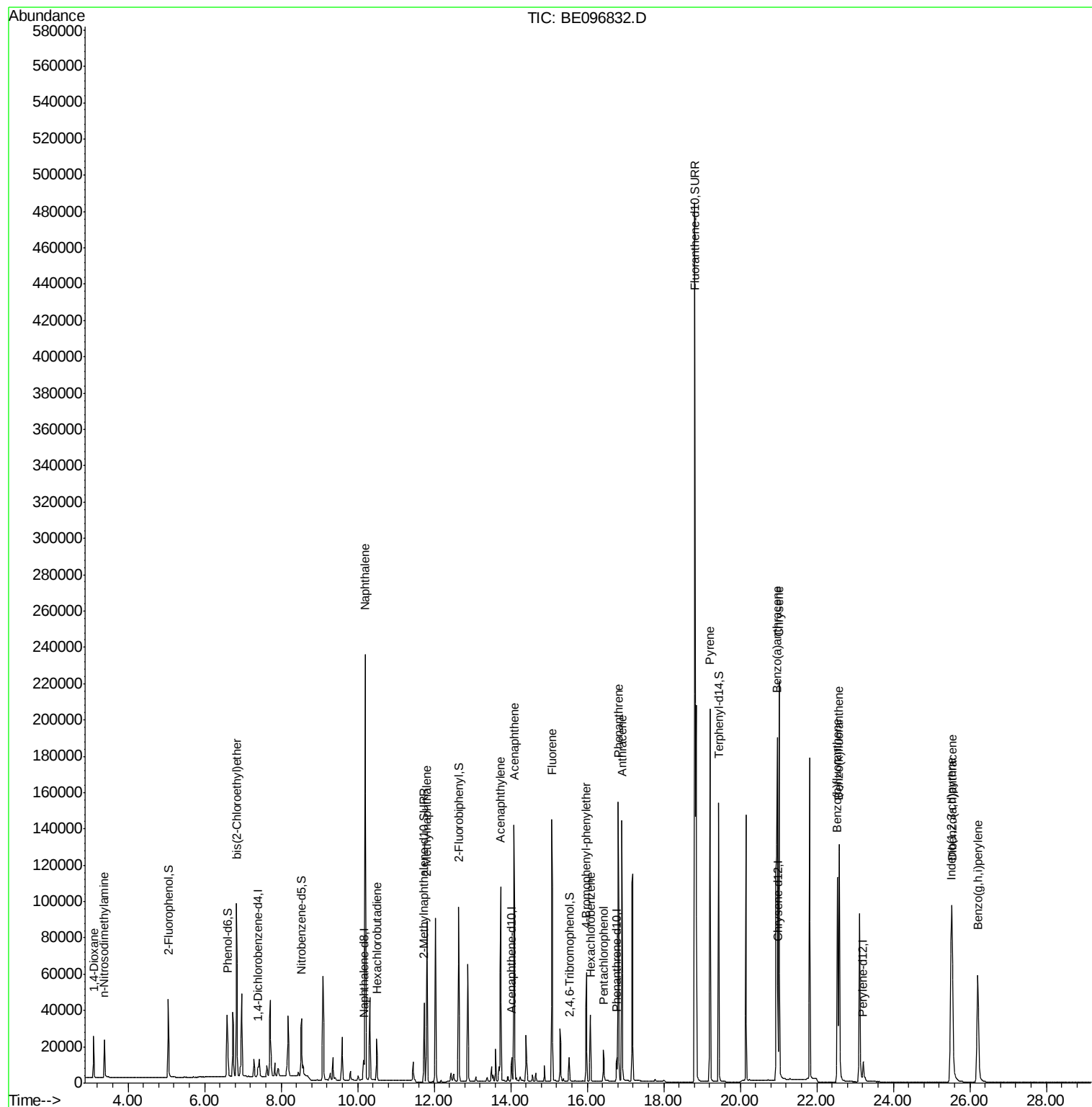
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	11839	3.280	ng	# 87
3) n-Nitrosodimethylamine	3.37	42	14212	3.716	ng	# 90
6) bis(2-Chloroethyl)ether	6.84	93	29705	3.373	ng	97
9) Naphthalene	10.20	128	364856	3.305	ng	99
10) Hexachlorobutadiene	10.50	225	15038	3.271	ng	96
12) 2-Methylnaphthalene	11.81	142	62789	3.429	ng	99
16) Acenaphthylene	13.74	152	110744	3.625	ng	100
17) Acenaphthene	14.08	154	69069	3.420	ng	97
18) Fluorene	15.08	166	83519	3.519	ng	# 80
20) 4-Bromophenyl-phenylether	15.98	248	28189	3.569	ng	# 84
21) Hexachlorobenzene	16.09	284	30206	3.357	ng	# 80
22) Pentachlorophenol	16.43	266	8716	6.104	ng	# 72
23) Phenanthrene	16.81	178	150398	3.494	ng	99
24) Anthracene	16.90	178	137948	3.869	ng	96
28) Pyrene	19.21	202	178505	3.206	ng	99
30) Benzo(a)anthracene	20.97	228	161561	3.787	ng	95
31) Chrysene	21.02	228	171650	3.259	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	149535	3.817	ng	97
35) Benzo(b)fluoranthene	22.54	252	143977	3.740	ng	# 86
36) Benzo(k)fluoranthene	22.59	252	168742	3.880	ng	97
38) Dibenzo(a,h)anthracene	25.54	278	129166	4.120	ng	# 94
39) Benzo(g,h,i)perylene	26.21	276	128795	3.769	ng	# 92

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

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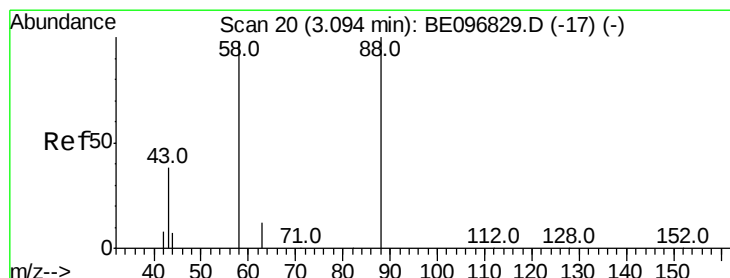
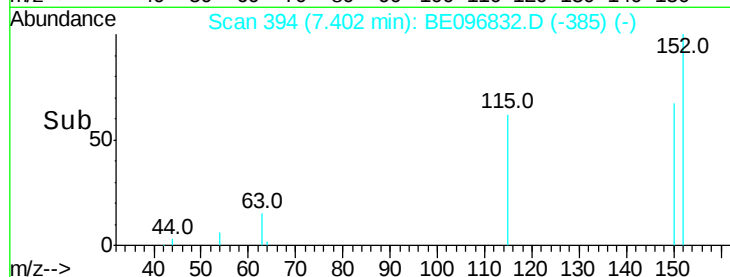
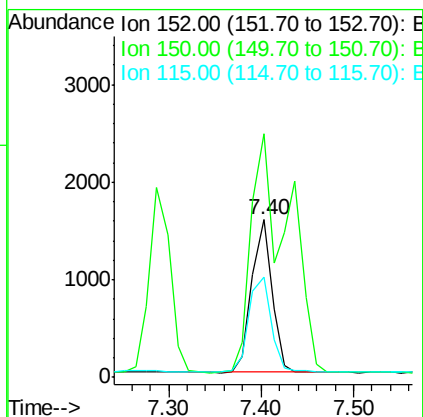
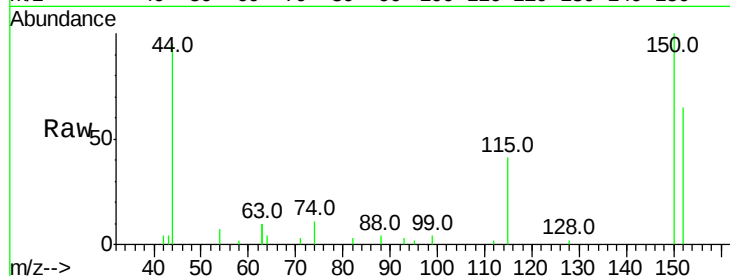


#1

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

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

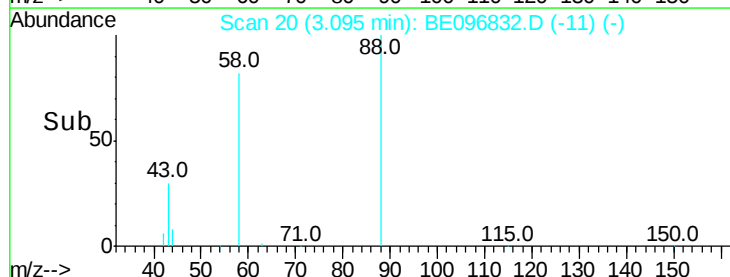
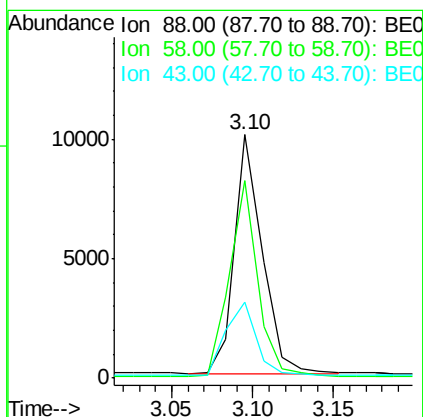
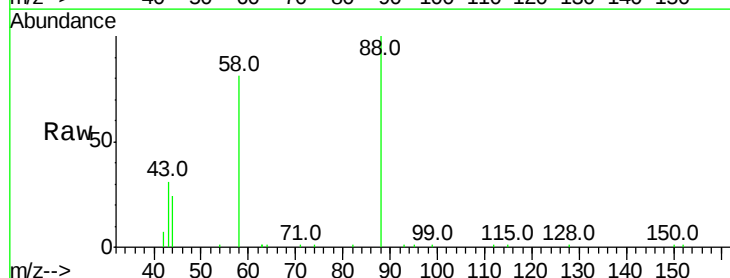
Tot Ion:152 Resp: 2409
Ion Ratio Lower Upper
152 100
150 154.6 117.2 175.8
115 63.7 57.0 85.6



#2

1,4-Dioxane
Concen: 3.280 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#



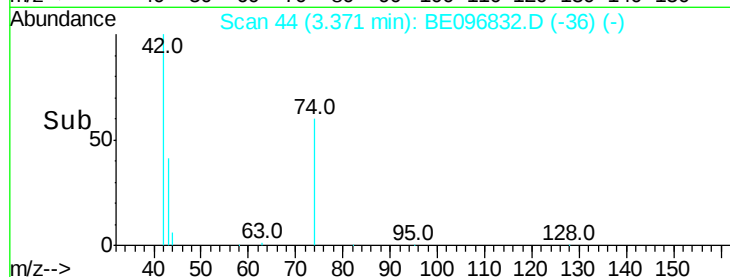
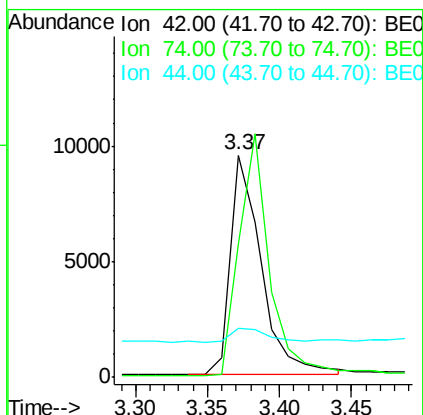
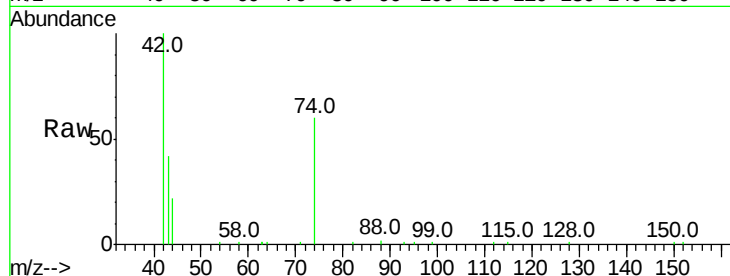


#3

n-Nitrosodimethylamine
 Concen: 3.716 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 :
 SSTDICC3.2

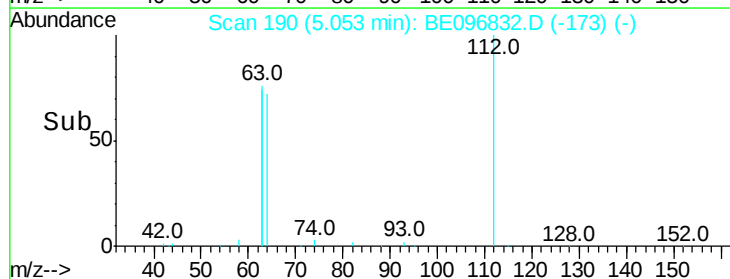
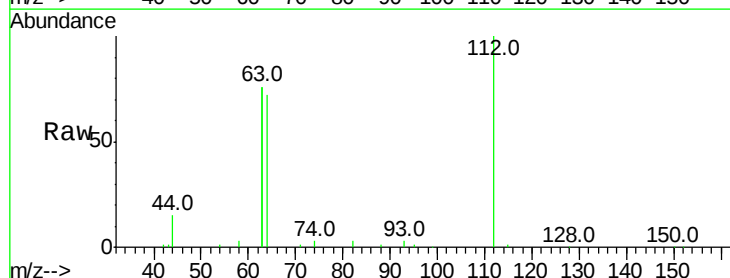
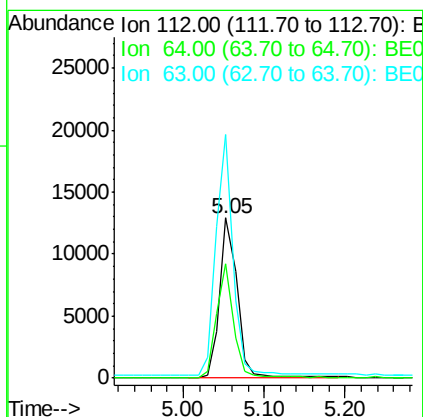
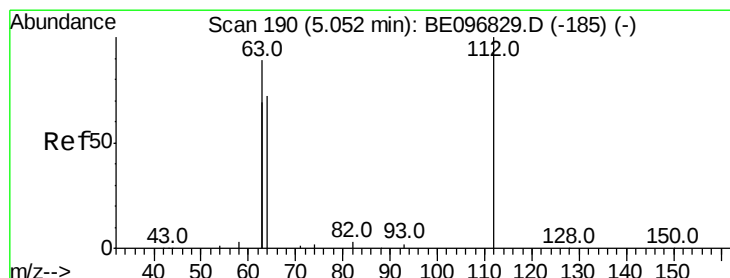
Tot Ion: 42 Resp: 14212
 Ion Ratio Lower Upper
 42 100
 74 108.5 96.0 144.0
 44 10.6 12.0 18.0#

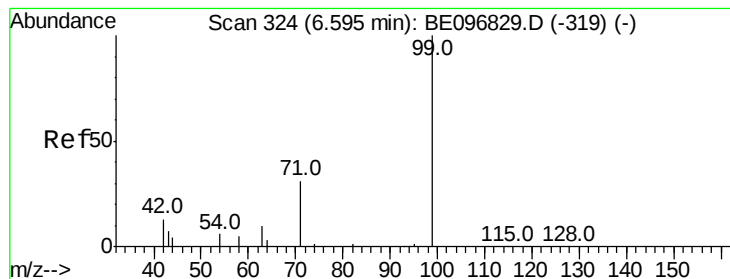


#4

2-Fluorophenol
 Concen: 3.557 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: 3.772 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

ClientSampleId :

SSTDICC3.2

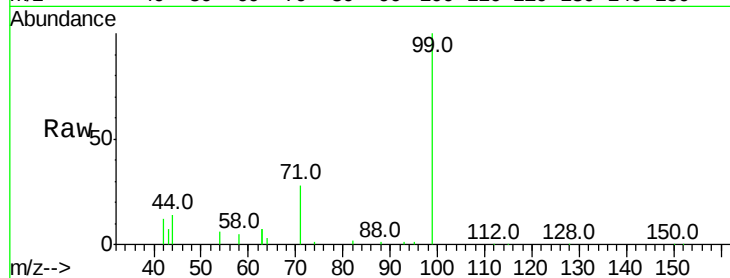
Tot Ion: 99 Resp: 30296

Ion Ratio Lower Upper

99 100

42 23.5 20.2 30.2

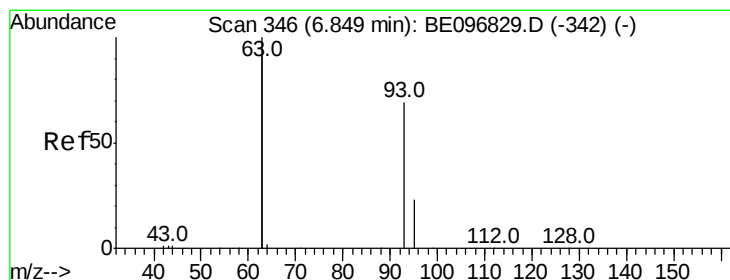
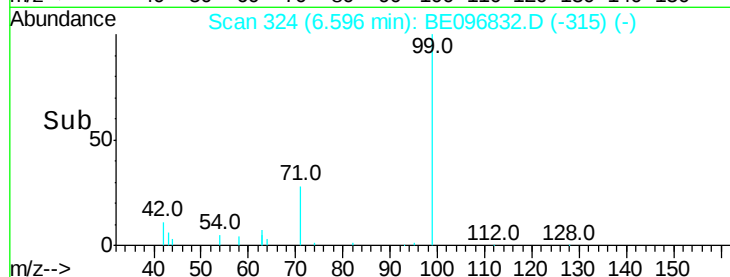
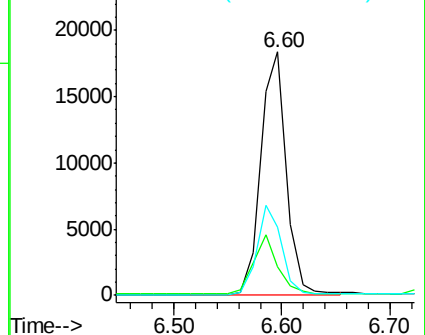
71 35.5 28.4 42.6



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: 3.373 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.01 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

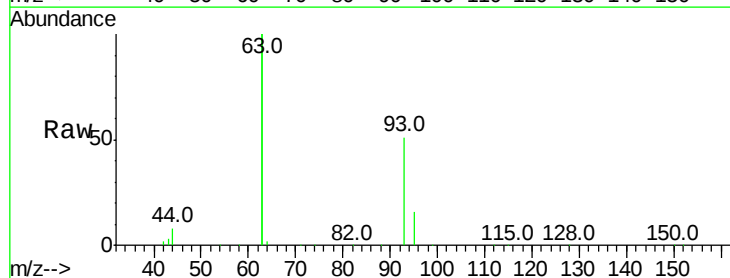
Tgt Ion: 93 Resp: 29705

Ion Ratio Lower Upper

93 100

63 337.2 275.3 412.9

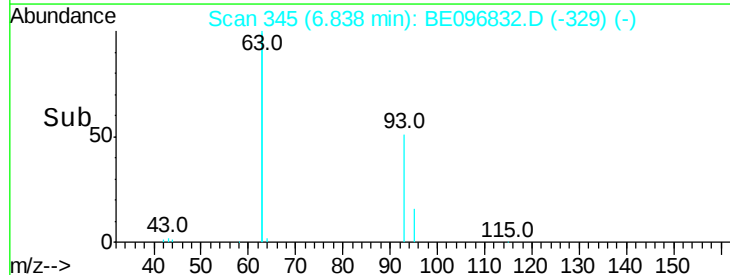
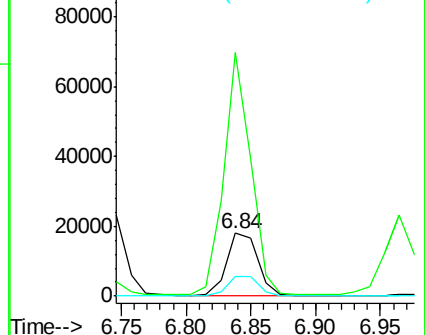
95 31.9 25.2 37.8

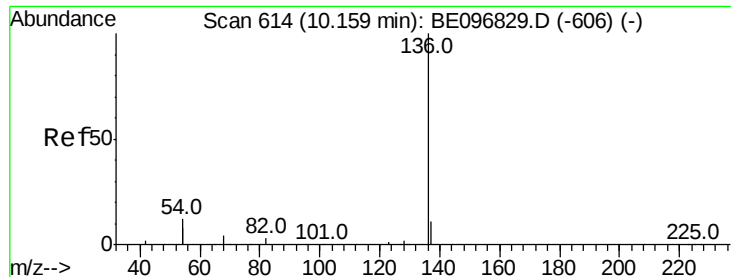


Abundance Ion 93.00 (92.70 to 93.70): BE0

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

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 12166

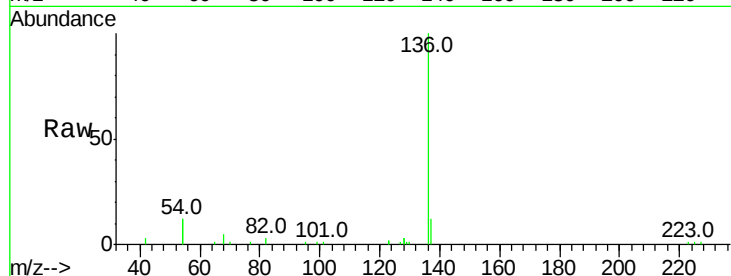
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 23.1 29.1 43.7#

68 4.7 6.2 9.2#



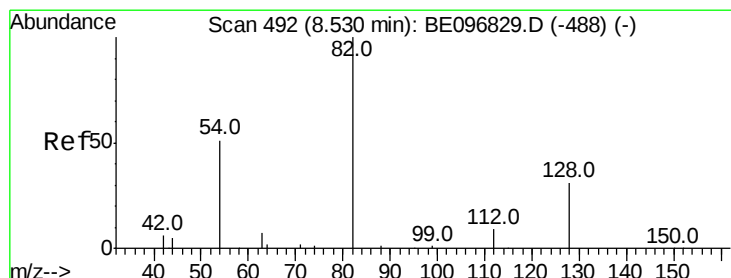
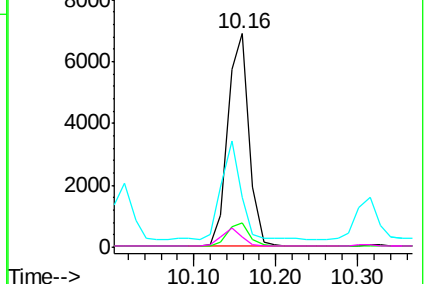
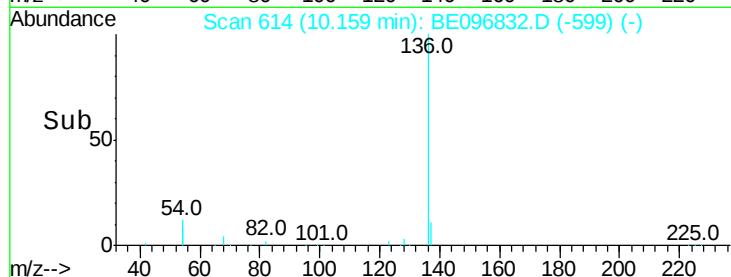
Abundance

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: 3.594 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

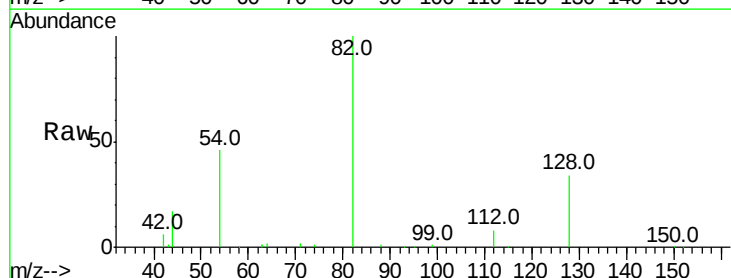
Tgt Ion: 82 Resp: 26478

Ion Ratio Lower Upper

82 100

128 33.5 24.0 36.0

54 46.0 40.0 60.0

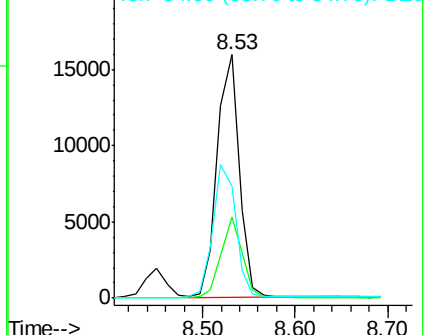
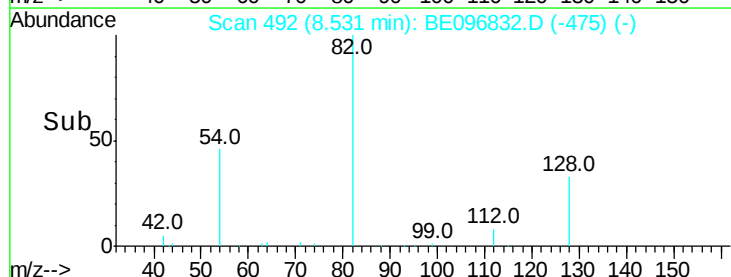


Abundance

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: 3.305 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

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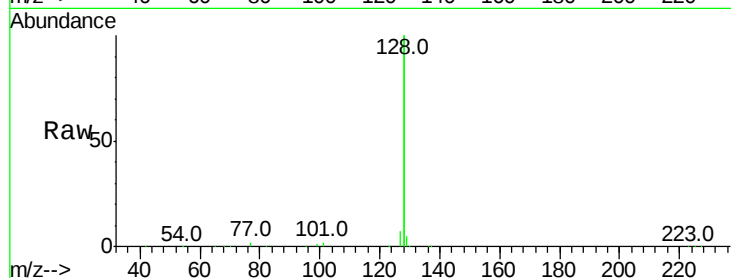
Tot Ion:128 Resp: 364856

Ion Ratio Lower Upper

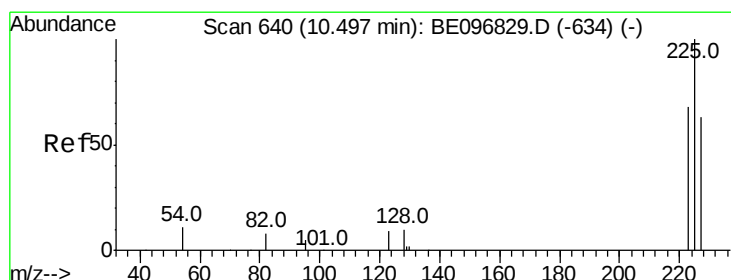
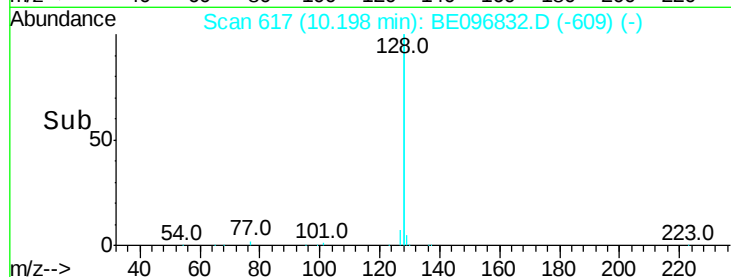
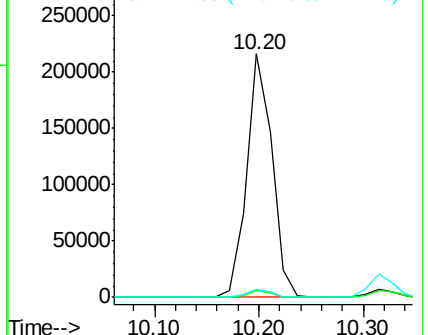
128 100

129 2.7 2.6 3.8

127 3.3 2.8 4.2



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: 3.271 ng

RT: 10.50 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

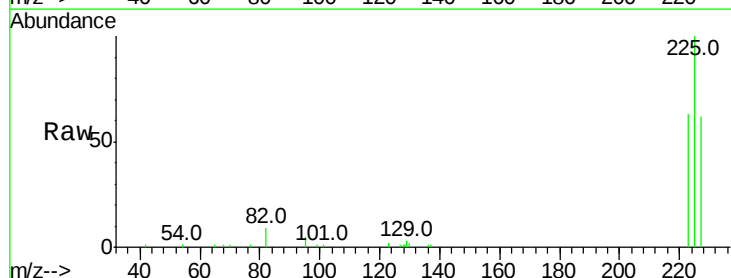
Tgt Ion:225 Resp: 15038

Ion Ratio Lower Upper

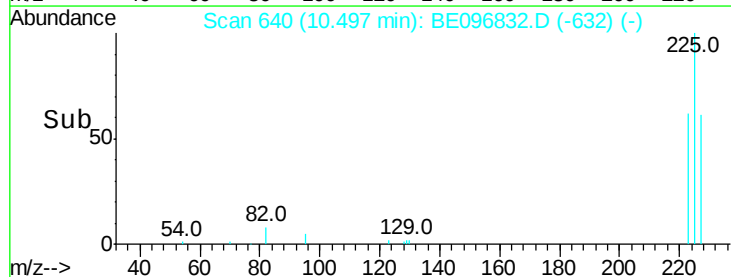
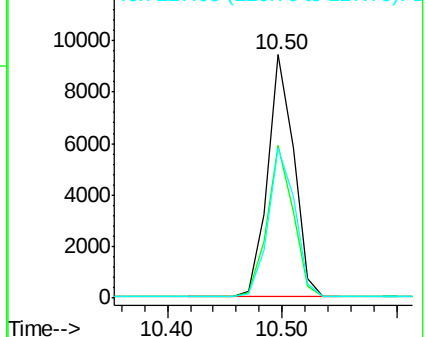
225 100

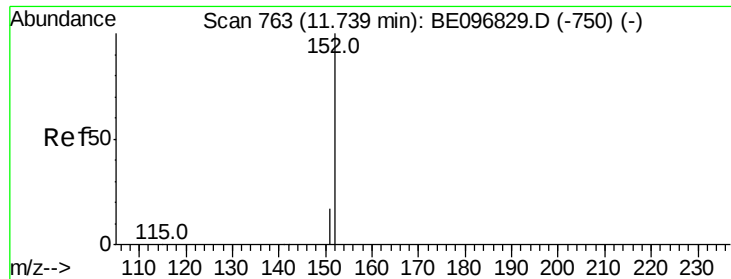
223 61.8 53.0 79.6

227 62.9 51.4 77.2



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

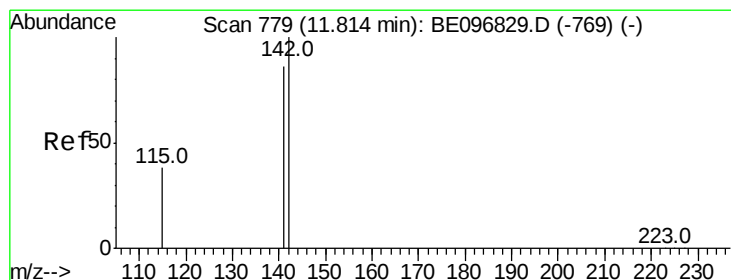
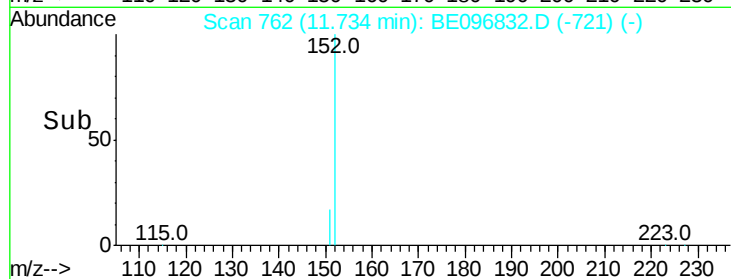
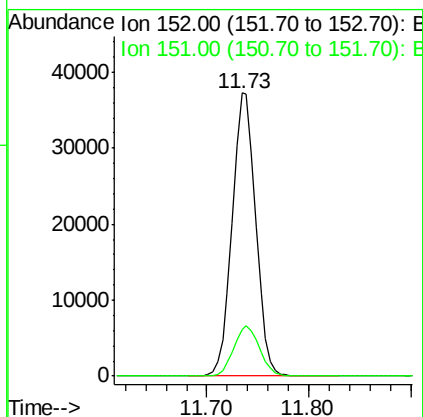
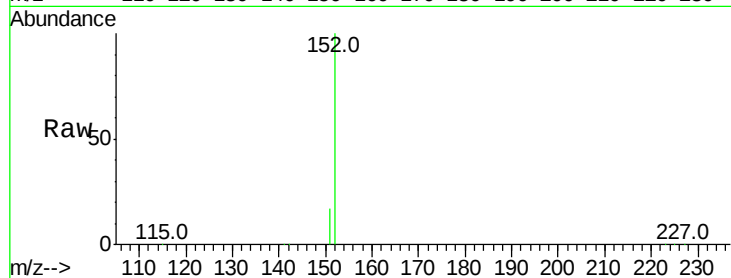




#11
 2-Methylnaphthalene-d10
 Concen: 3.408 ng
 RT: 11.73 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE096832.D
 Acq: 20 Jun 2018 12:49

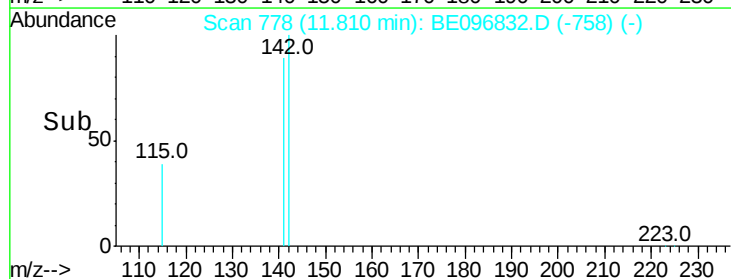
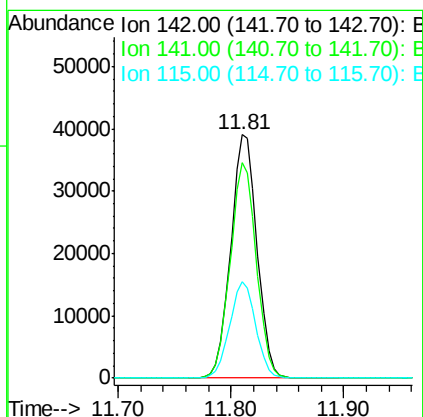
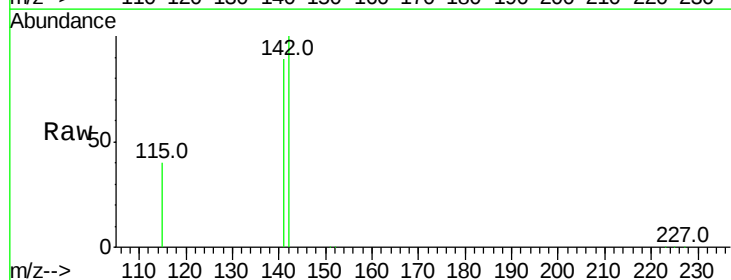
Instrument :
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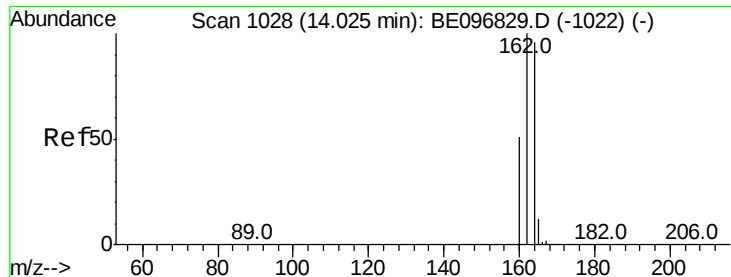
Tot Ion:152 Resp: 59653
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 3.429 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

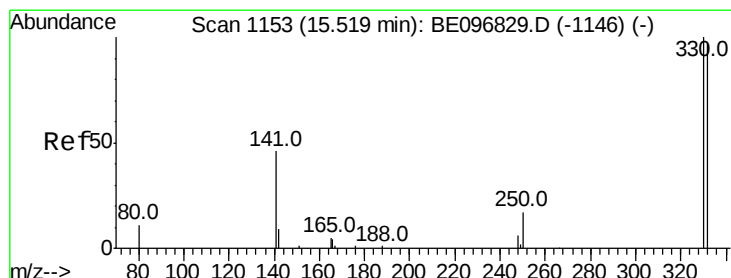
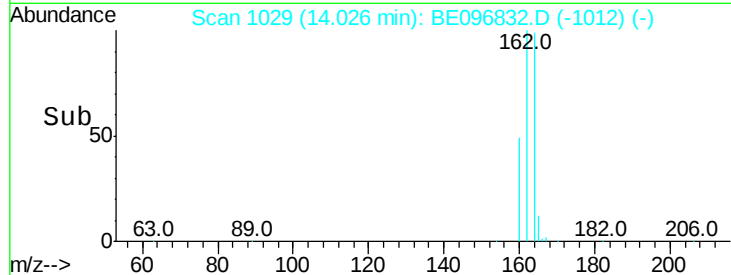
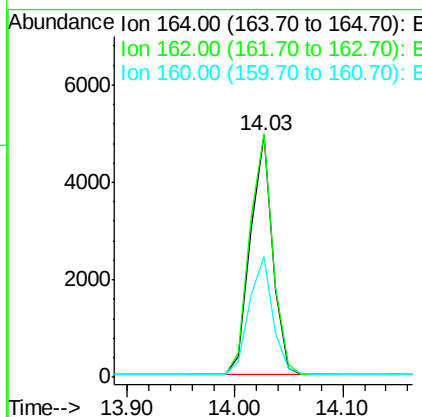
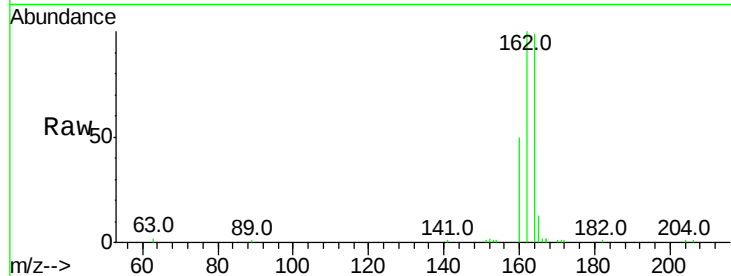




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.03 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BE096832.D
 Acq: 20 Jun 2018 12:49

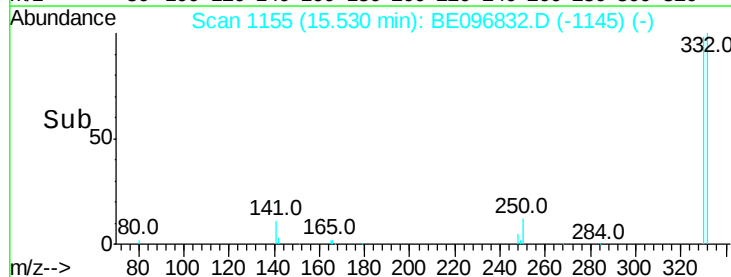
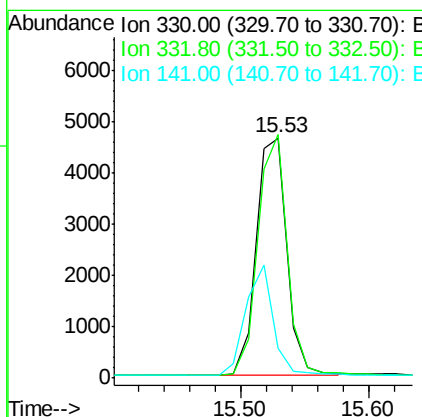
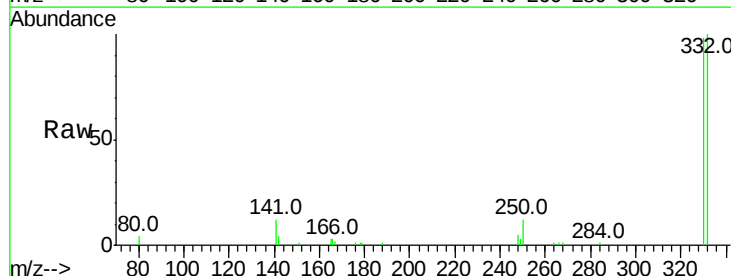
Instrument :
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 ClientSampleId :
 SSTDICC3.2

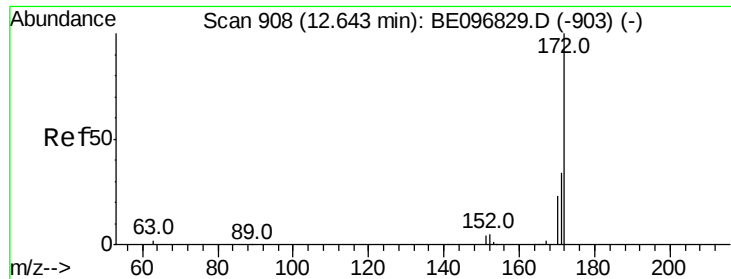
Tot Ion:164 Resp: 7045
 Ion Ratio Lower Upper
 164 100
 162 100.6 83.1 124.7
 160 50.0 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 4.600 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

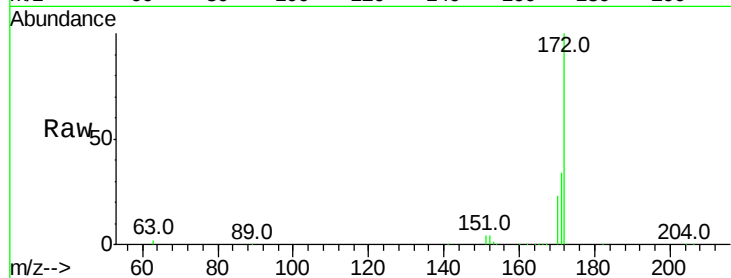




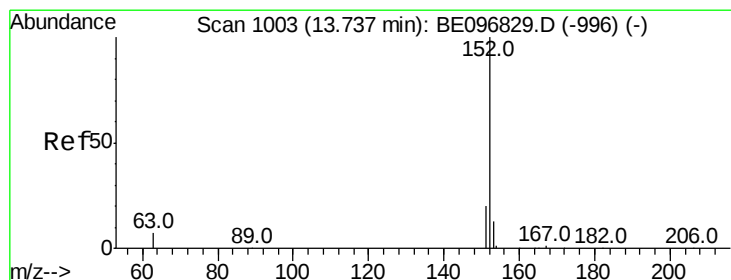
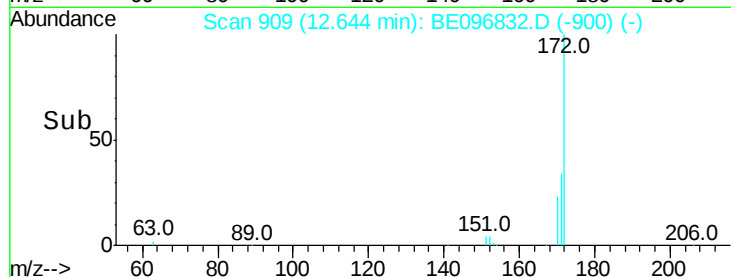
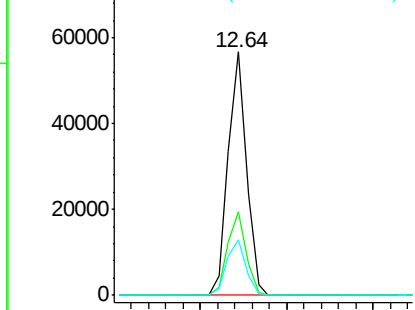
#15
2-Fluorobiphenyl
Concen: 3.234 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE096832.D
Acq: 20 Jun 2018 12:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

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

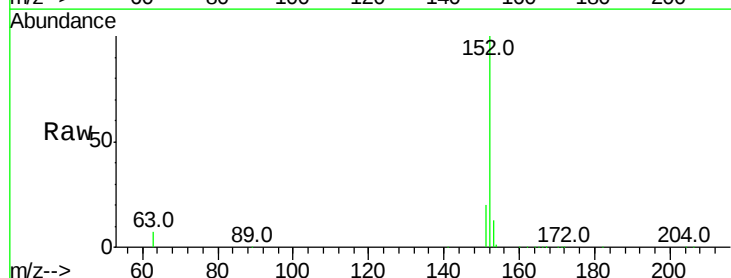


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

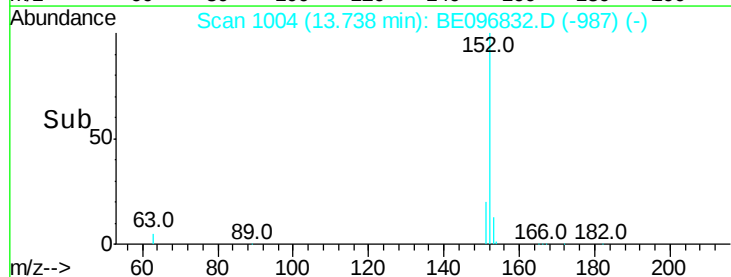
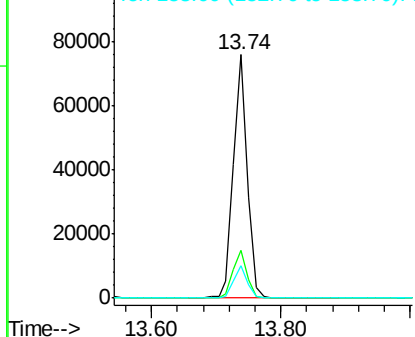


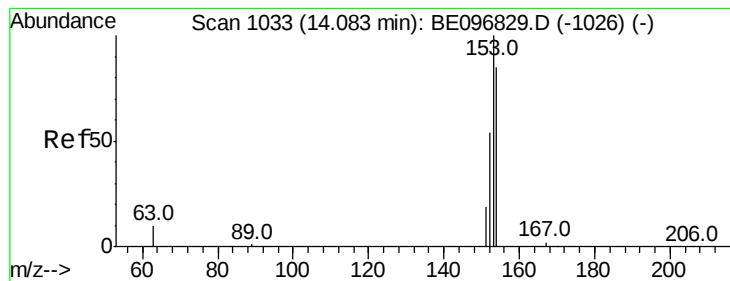
#16
Acenaphthylene
Concen: 3.625 ng
RT: 13.74 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE096832.D
Acq: 20 Jun 2018 12:49

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: 3.420 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 :

SSTDICC3.2

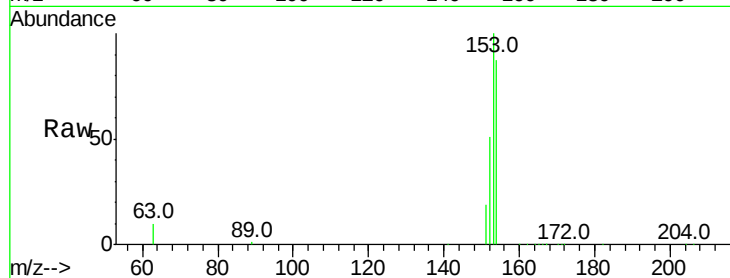
Tot Ion:154 Resp: 69069

Ion Ratio Lower Upper

154 100

153 112.4 89.2 133.8

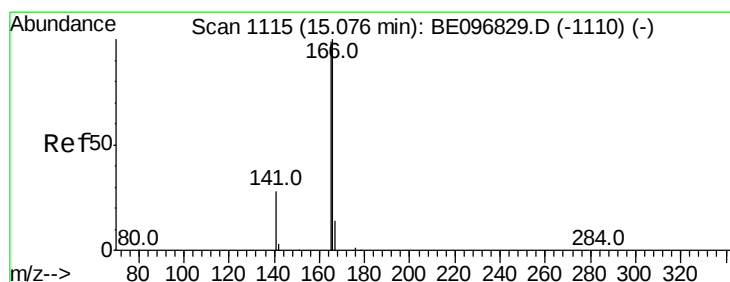
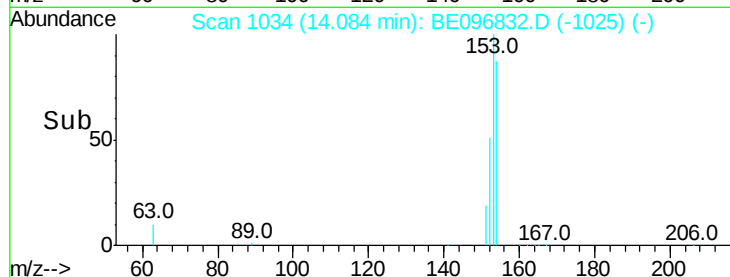
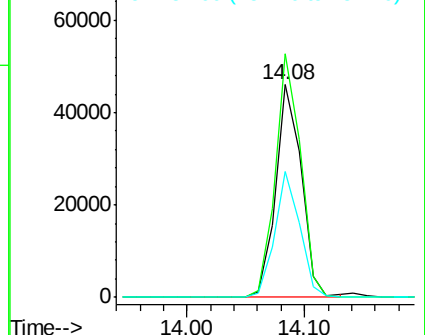
152 57.7 42.0 63.0



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: 3.519 ng

RT: 15.08 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

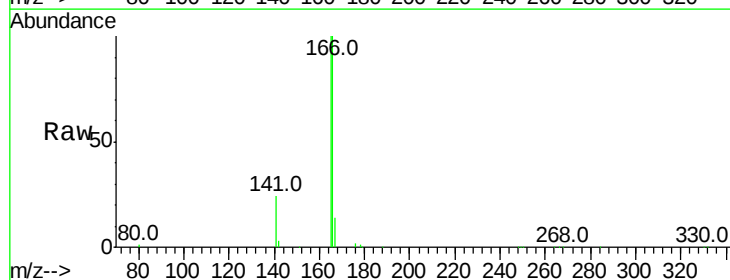
Tgt Ion:166 Resp: 83519

Ion Ratio Lower Upper

166 100

165 98.7 77.8 116.6

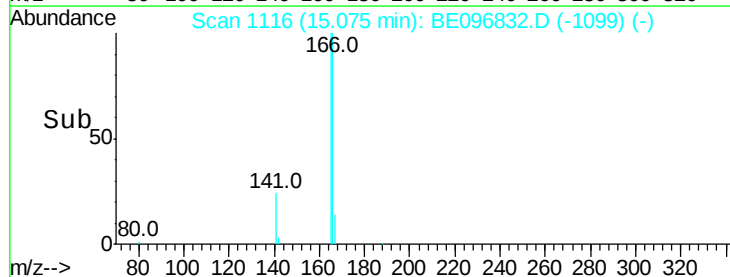
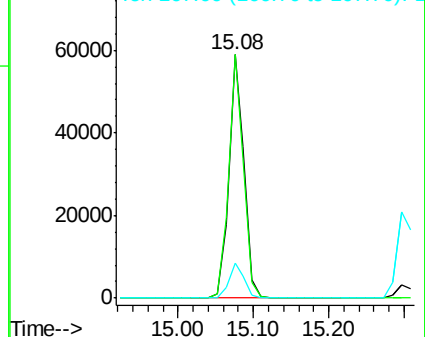
167 14.4 42.4 63.6#

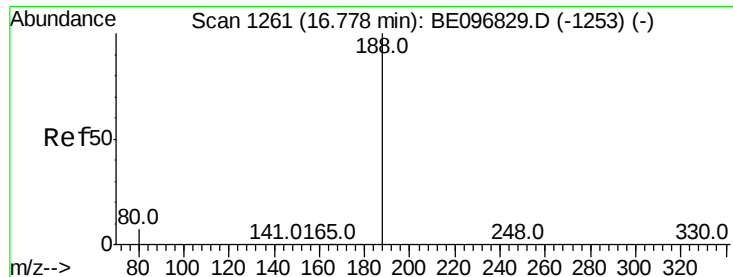


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1262

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

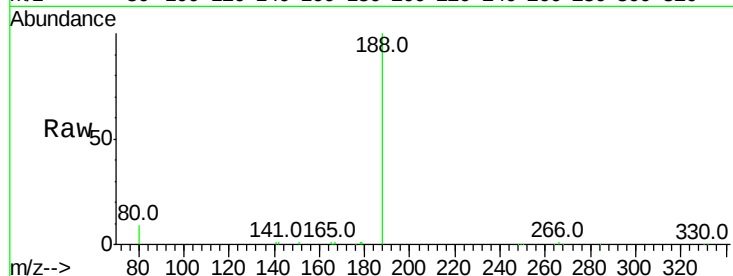
Tot Ion:188 Resp: 17509

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

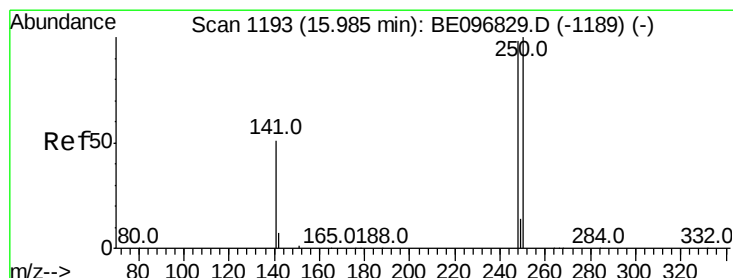
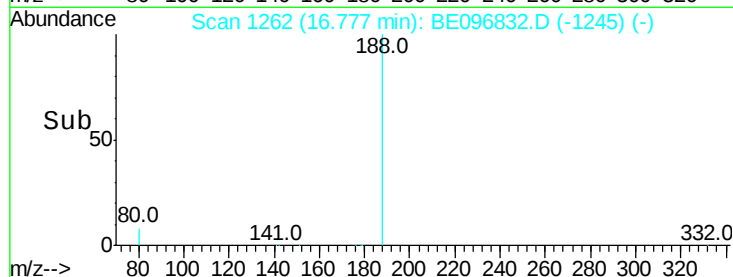
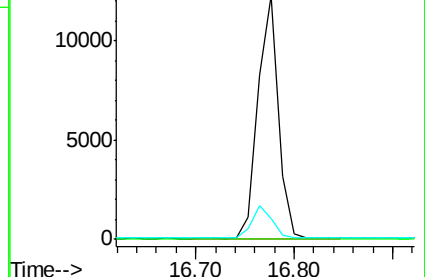
80 8.6 3.6 5.4#



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: 3.569 ng

RT: 15.98 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

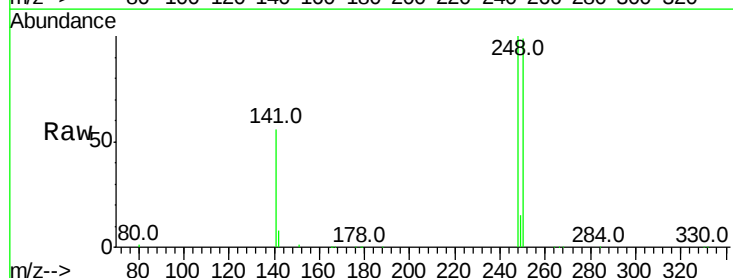
Tgt Ion:248 Resp: 28189

Ion Ratio Lower Upper

248 100

250 98.8 62.7 94.1#

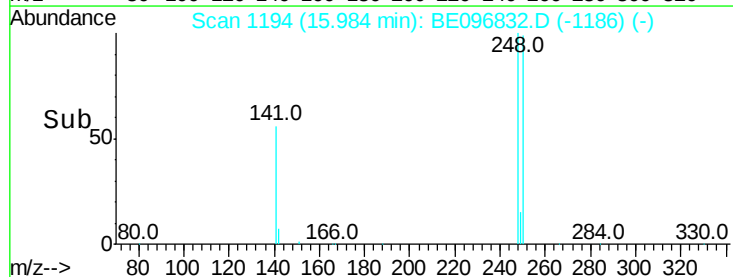
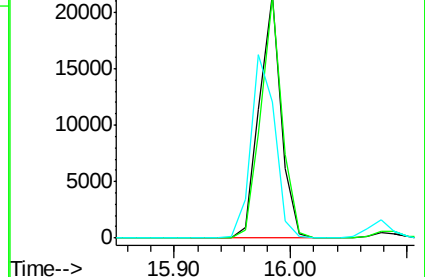
141 55.9 48.2 72.2

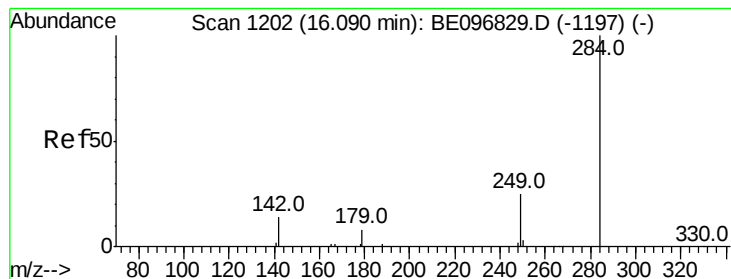


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.357 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 :

SSTDICC3.2

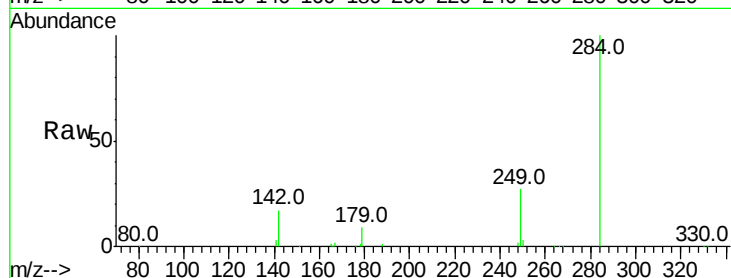
Tot Ion:284 Resp: 30206

Ion Ratio Lower Upper

284 100

142 39.7 22.1 33.1#

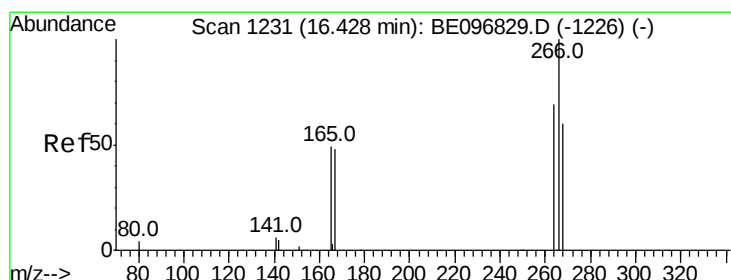
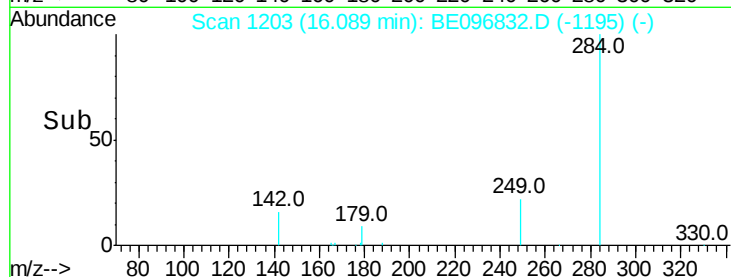
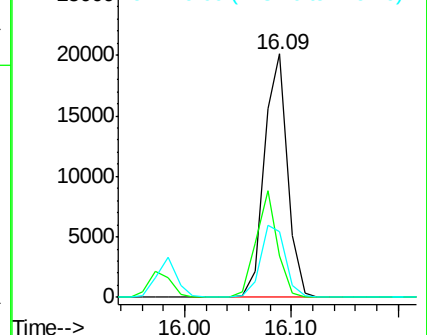
249 31.5 34.8 52.2#



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: 6.104 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

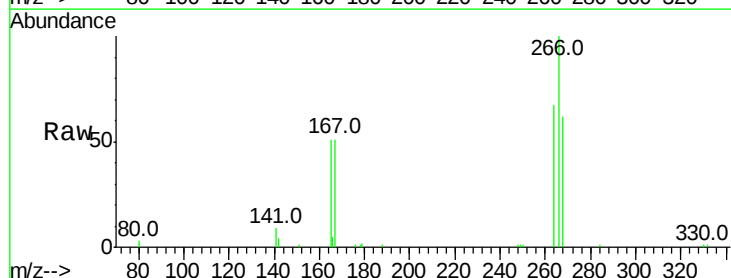
Tgt Ion:266 Resp: 8716

Ion Ratio Lower Upper

266 100

264 66.6 72.5 108.7#

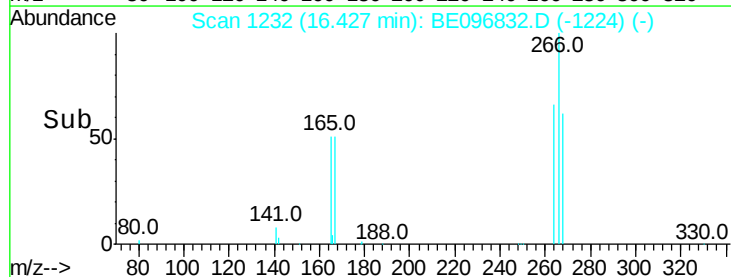
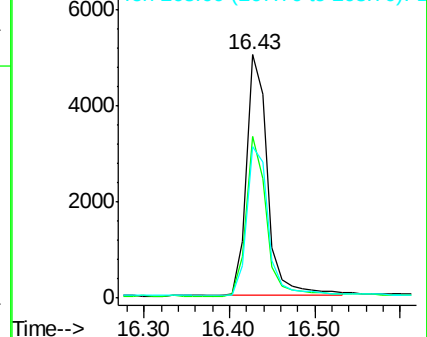
268 62.1 73.8 110.6#

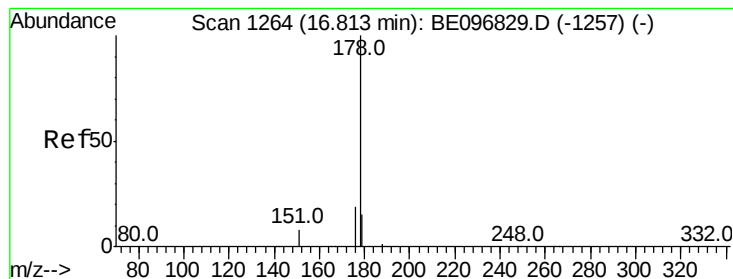


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.494 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 :

SSTDICC3.2

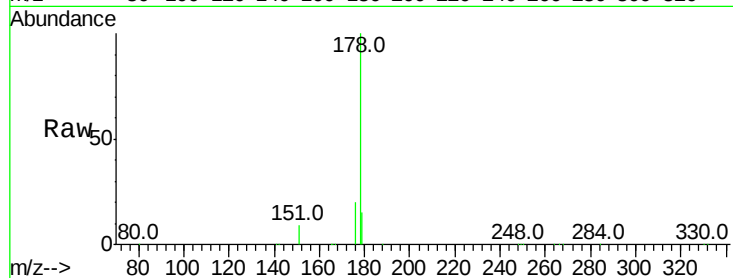
Tot Ion:178 Resp: 150398

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

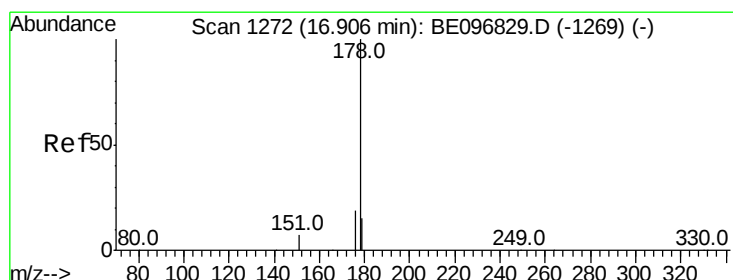
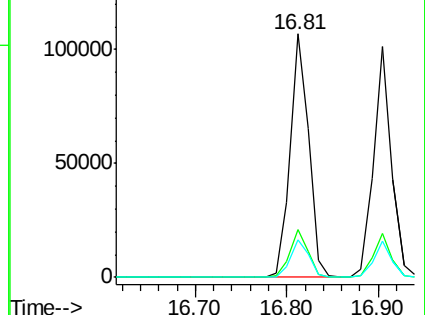
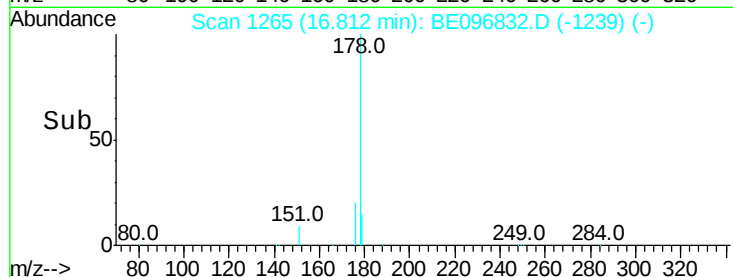
179 15.3 11.8 17.6



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: 3.869 ng

RT: 16.90 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

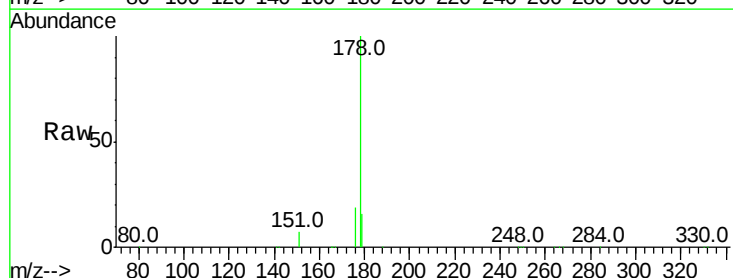
Tgt Ion:178 Resp: 137948

Ion Ratio Lower Upper

178 100

176 18.8 12.8 19.2

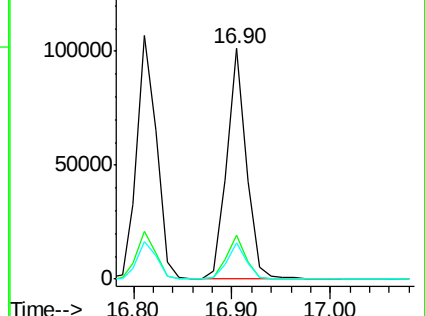
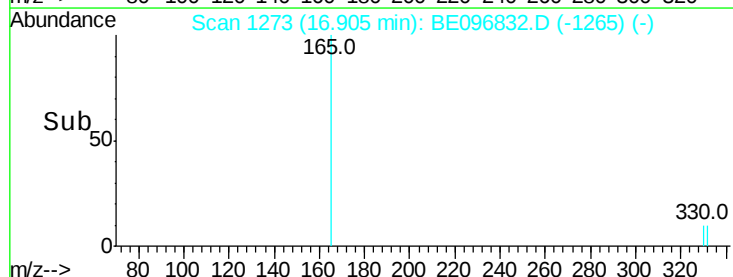
179 15.4 13.0 19.6

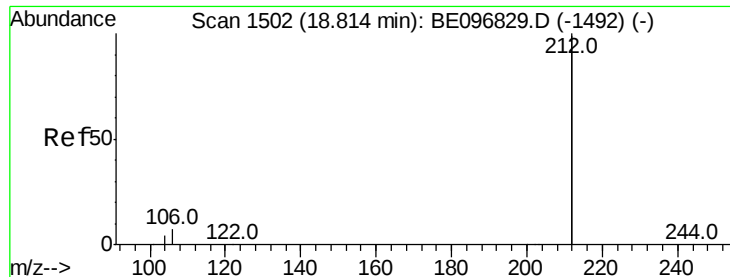


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.943 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 :

SSTDICC3.2

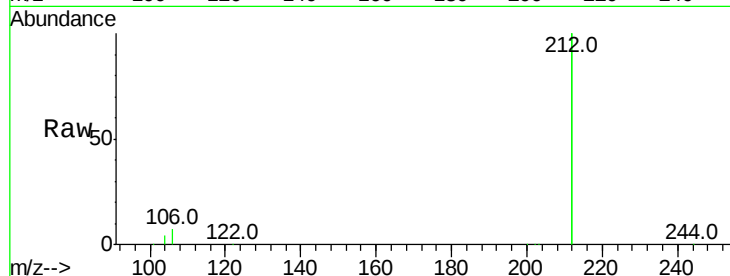
Tot Ion:212 Resp: 607708

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

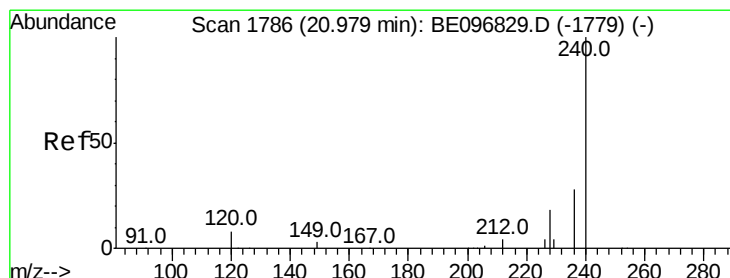
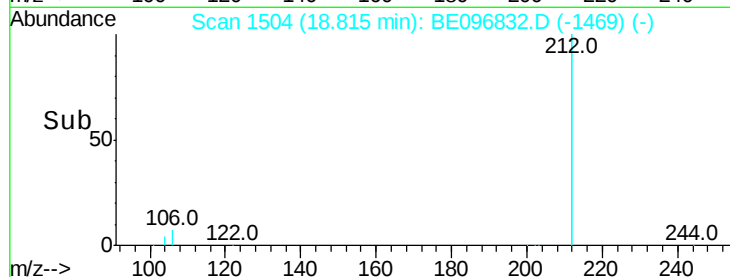
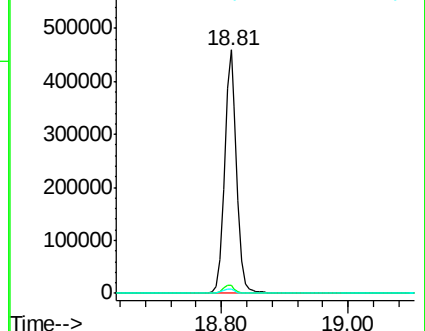
104 2.0 1.6 2.4



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



#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

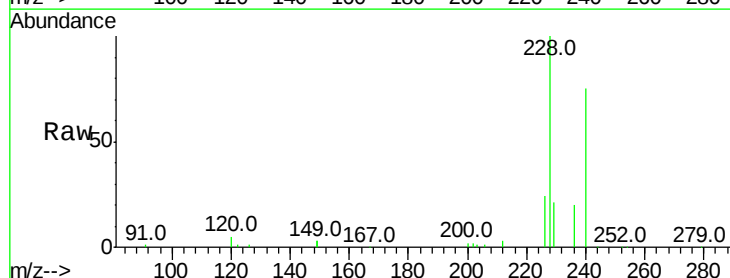
Tgt Ion:240 Resp: 19248

Ion Ratio Lower Upper

240 100

120 7.1 5.5 8.3

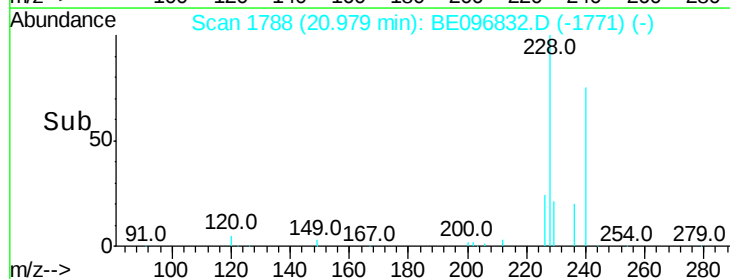
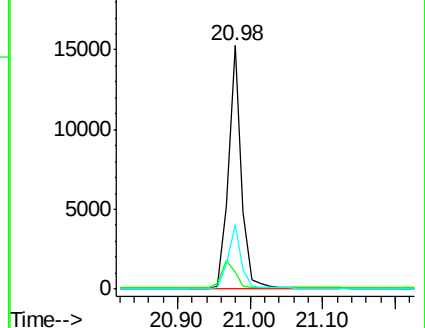
236 26.6 20.7 31.1

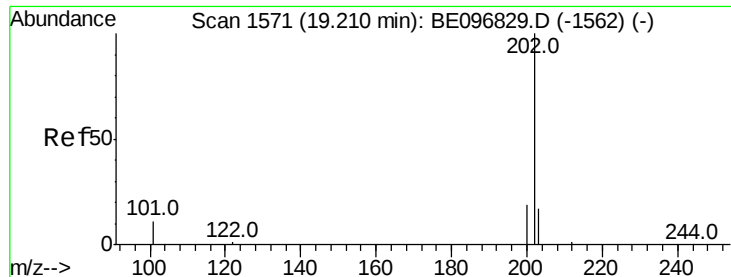


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pvrene

Concen: 3.206 ng

RT: 19.21 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

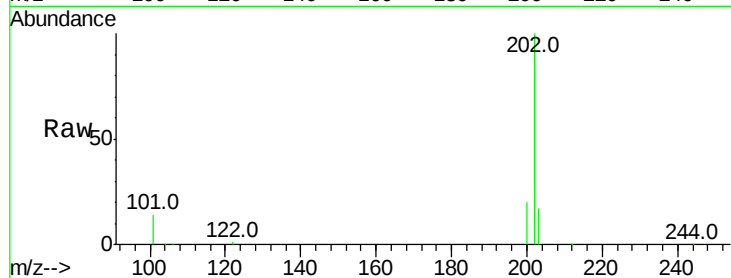
Tot Ion:202 Resp: 178505

Ion Ratio Lower Upper

202 100

200 20.0 16.6 25.0

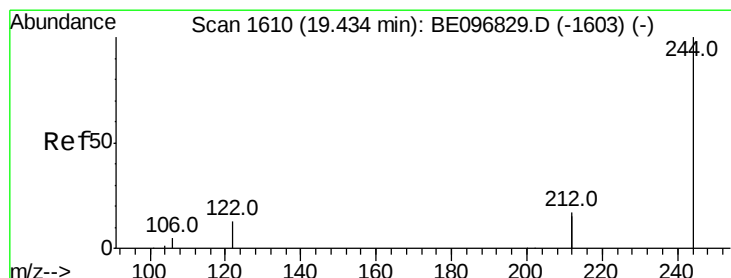
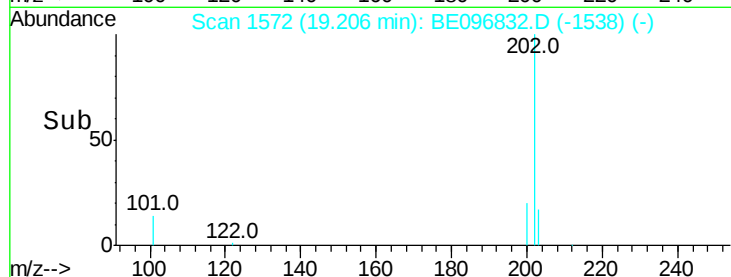
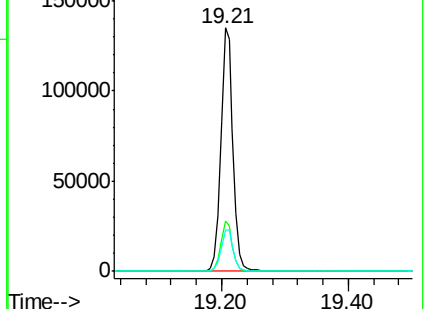
203 17.5 13.8 20.8



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: 3.215 ng

RT: 19.44 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

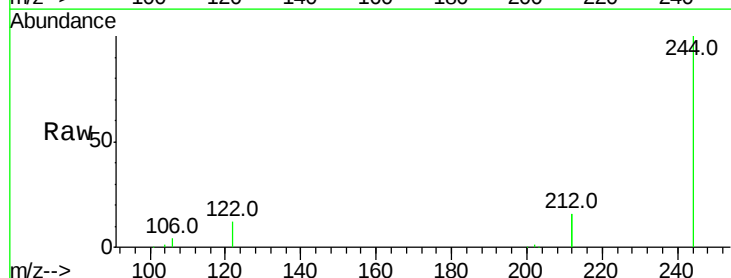
Tgt Ion:244 Resp: 119434

Ion Ratio Lower Upper

244 100

212 31.2 25.4 38.0

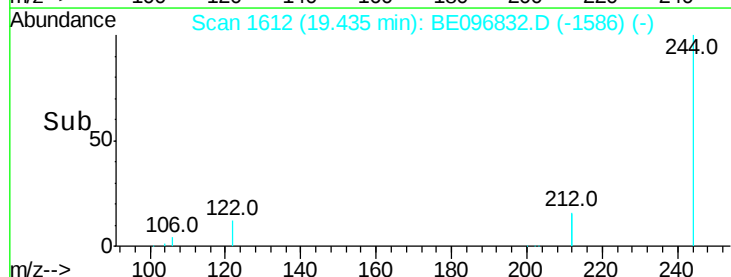
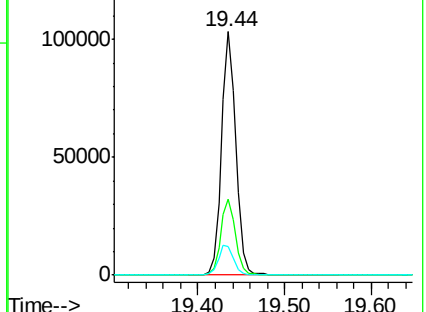
122 12.0 8.1 12.1

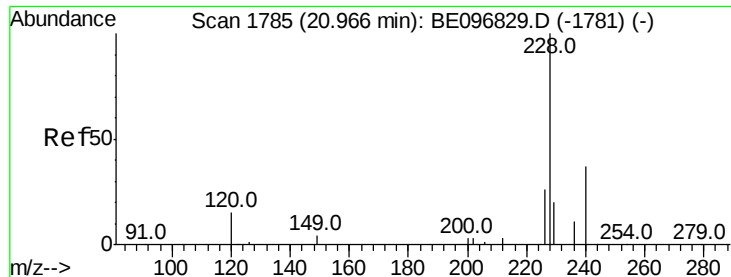


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 3.787 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

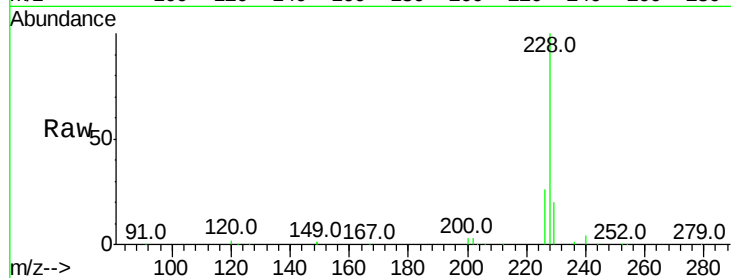
Tot Ion:228 Resp: 161561

Ion Ratio Lower Upper

228 100

226 26.2 24.0 36.0

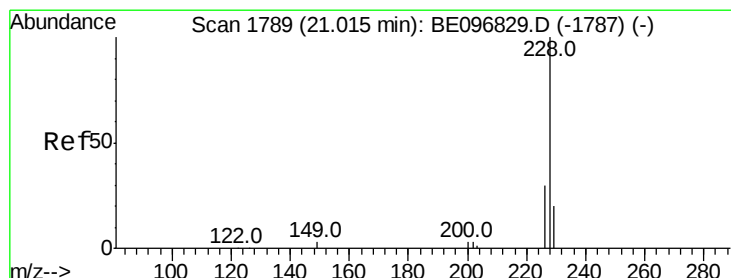
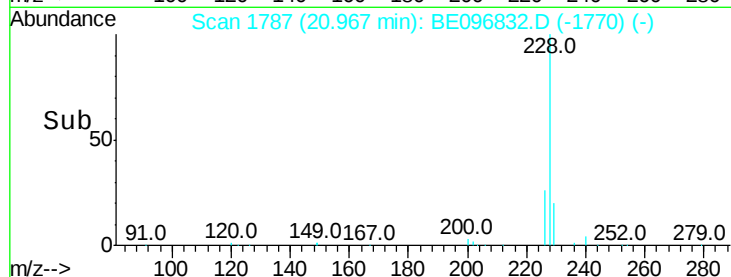
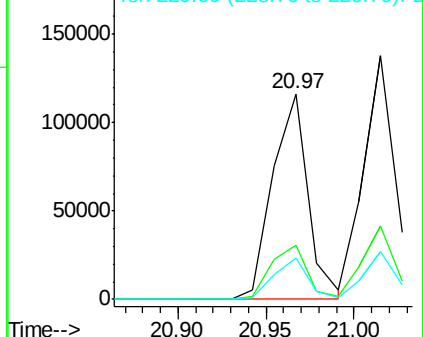
229 20.4 16.0 24.0



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: 3.259 ng

RT: 21.02 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

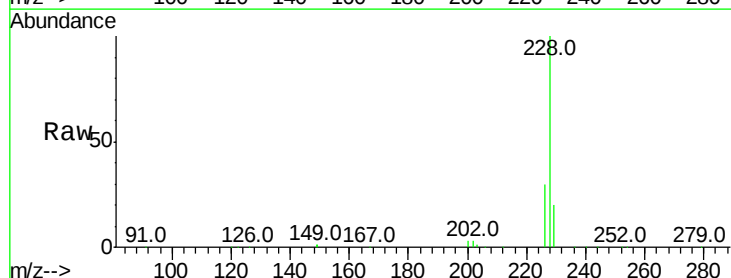
Tgt Ion:228 Resp: 171650

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

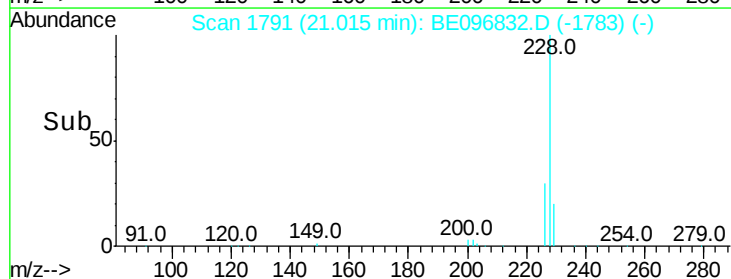
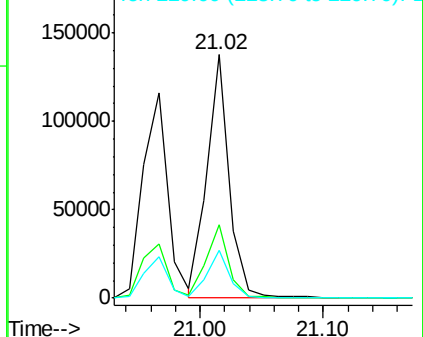
229 19.5 16.0 24.0

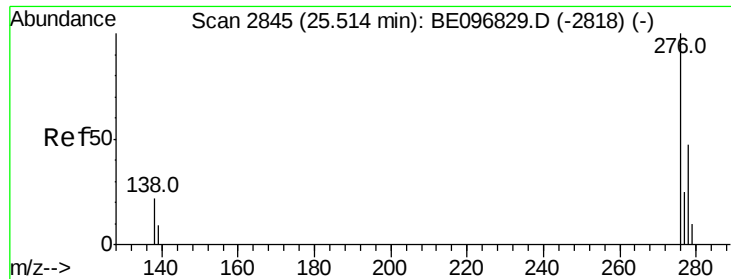


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

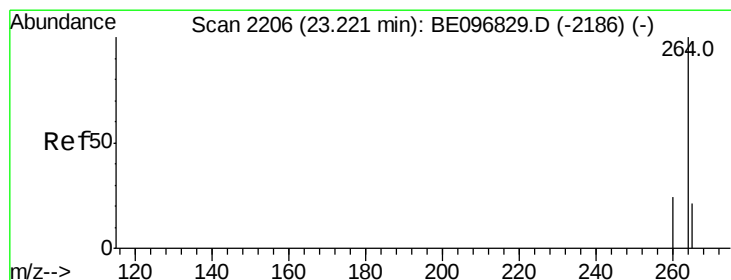
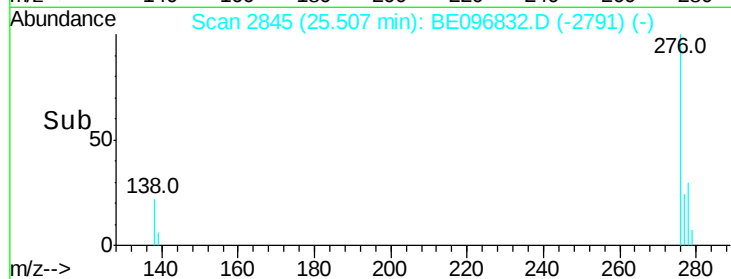
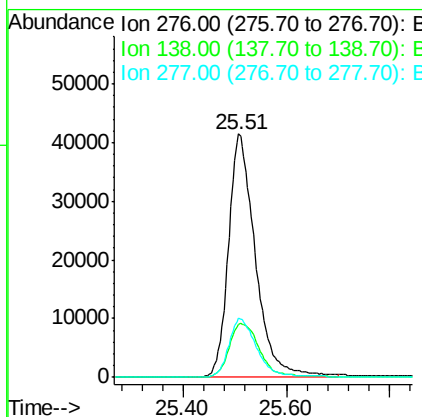
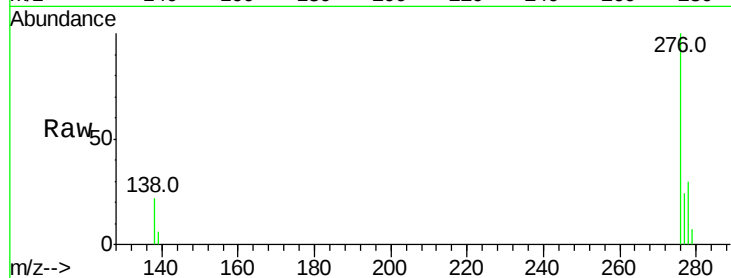




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.817 ng
 RT: 25.51 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BE096832.D
 Acq: 20 Jun 2018 12:49

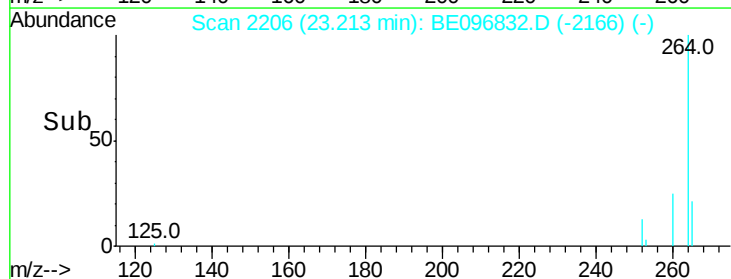
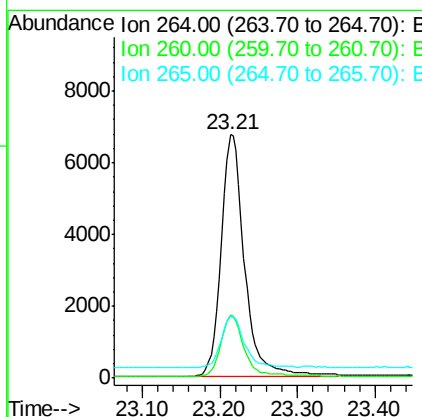
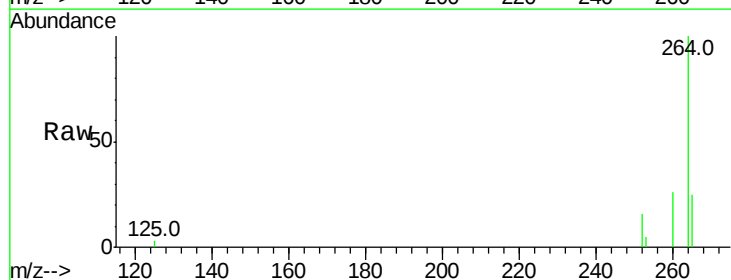
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

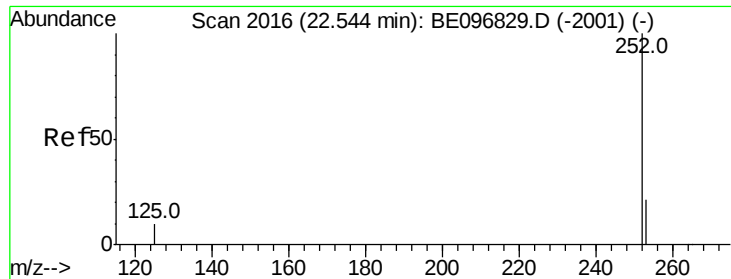
Tot Ion:276 Resp: 149535
 Ion Ratio Lower Upper
 276 100
 138 25.0 22.5 33.7
 277 25.0 19.9 29.9



#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

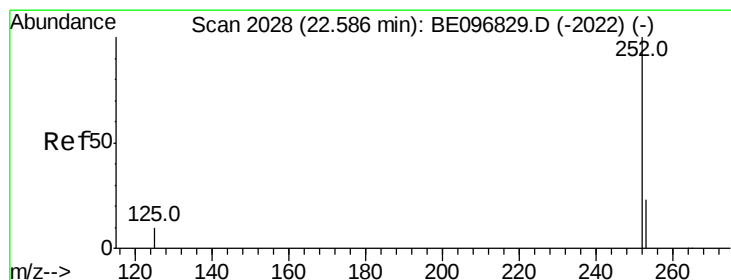
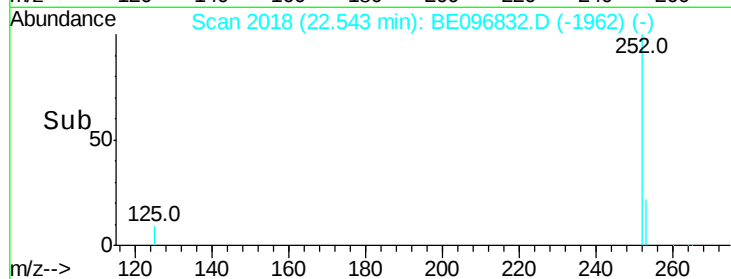
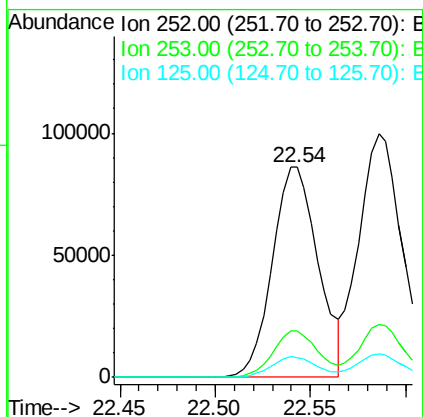
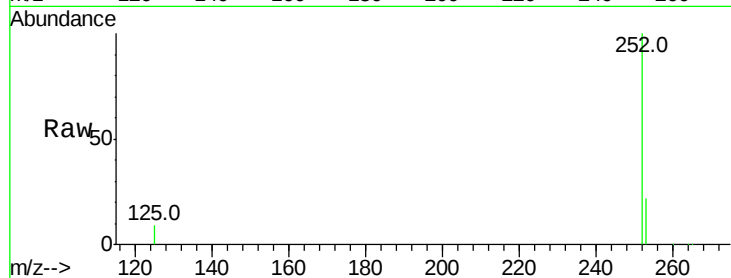




#35
Benzo(b)fluoranthene
Concen: 3.740 ng
RT: 22.54 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE096832.D
Acq: 20 Jun 2018 12:49

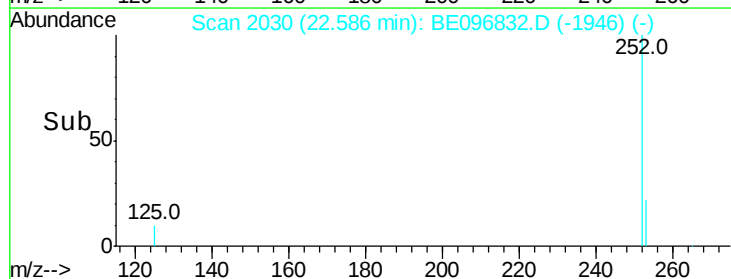
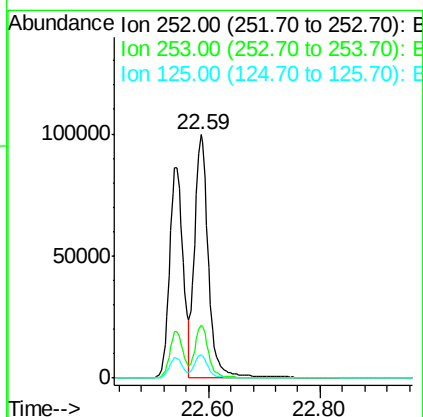
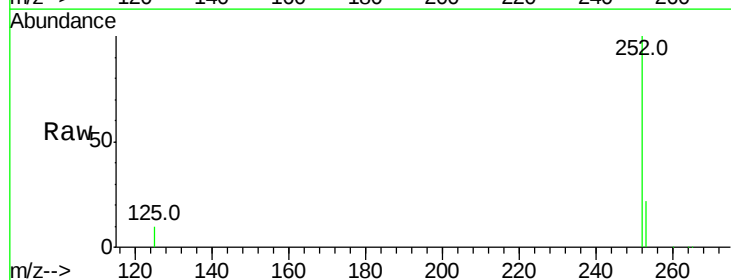
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

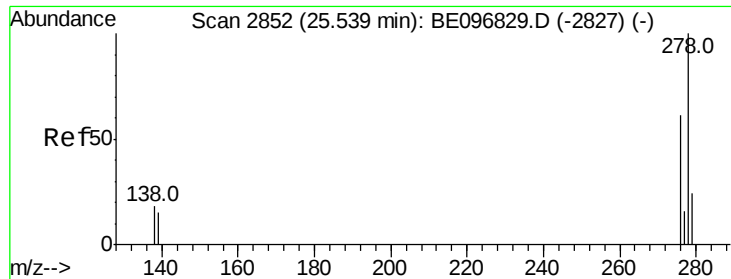
Tot Ion:252 Resp: 143977
Ion Ratio Lower Upper
252 100
253 21.9 20.0 30.0
125 9.4 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 3.880 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





#38

Dibenzo(a,h)anthracene

Concen: 4.120 ng

RT: 25.54 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

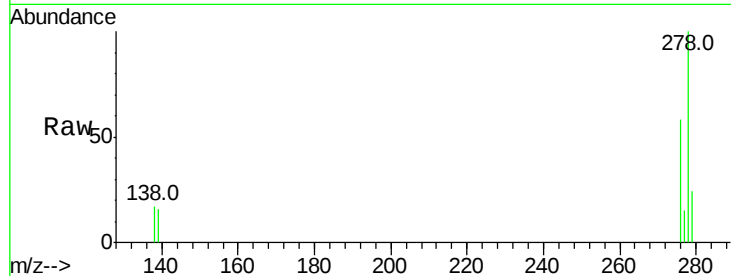
Tot Ion:278 Resp: 129166

Ion Ratio Lower Upper

278 100

139 15.7 16.0 24.0#

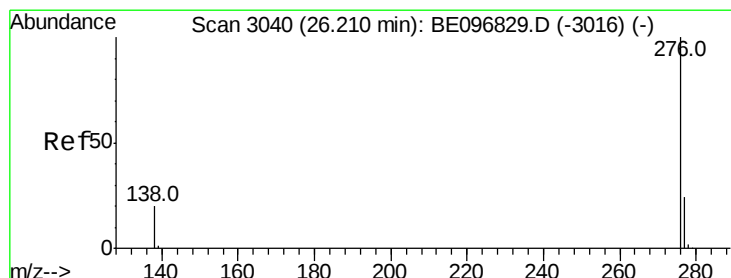
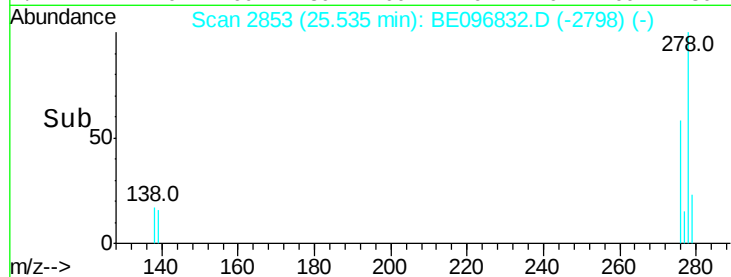
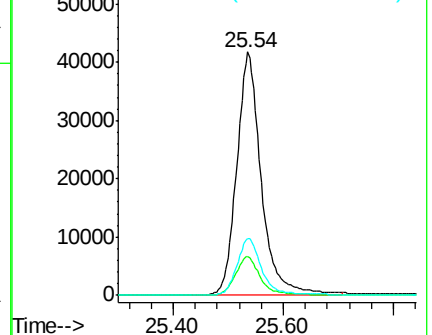
279 23.5 20.0 30.0



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: 3.769 ng

RT: 26.21 min Scan# 3041

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

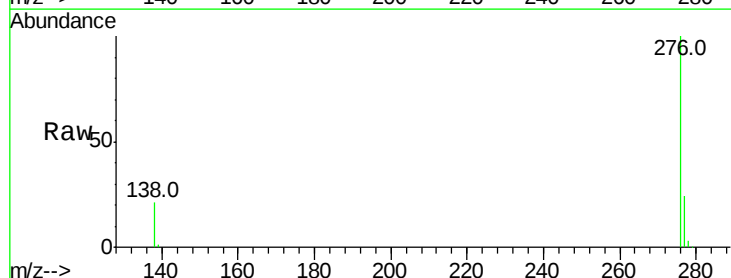
Tgt Ion:276 Resp: 128795

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

