

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

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

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

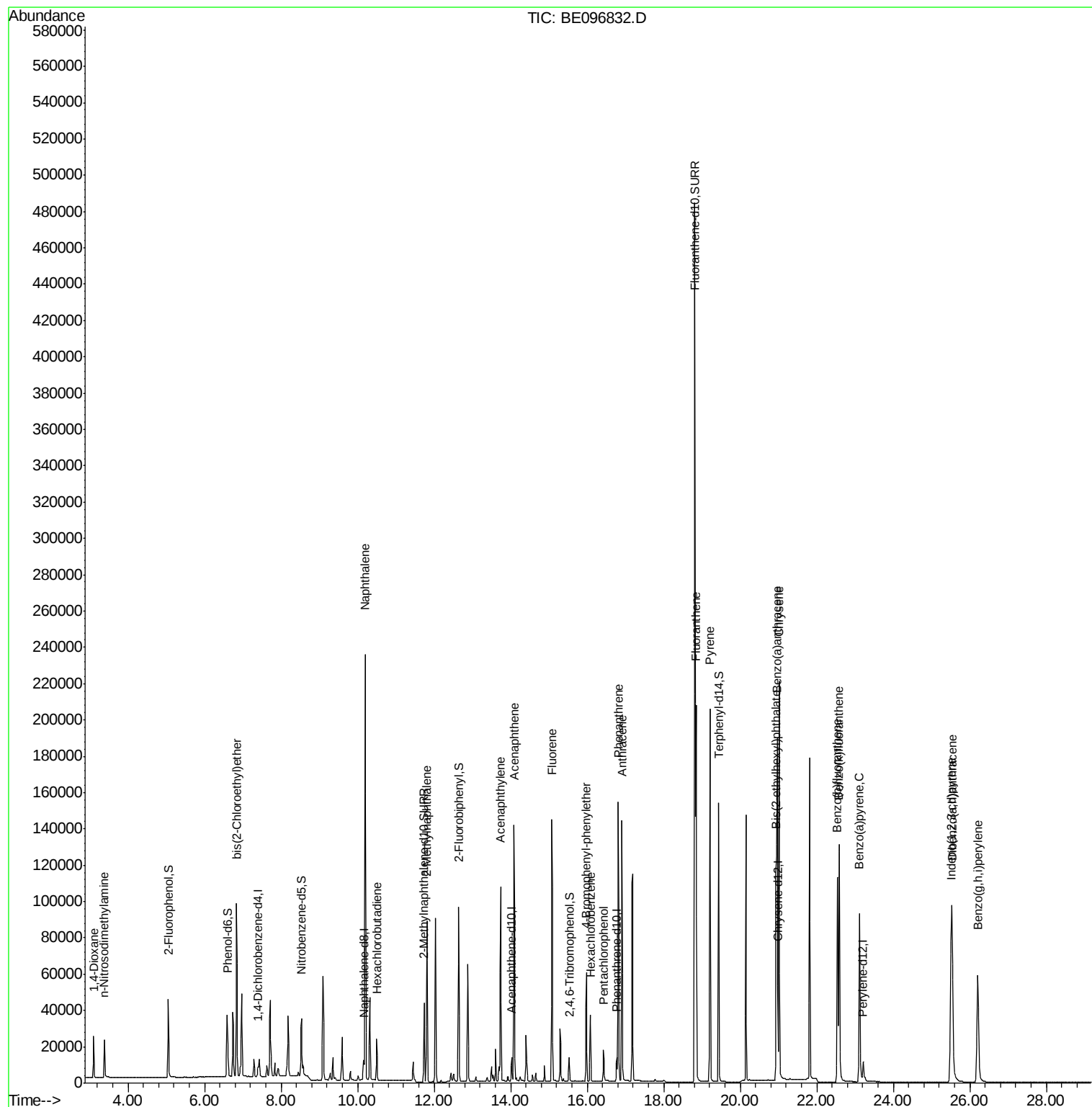
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	11839	3.036	ng	# 87
3) n-Nitrosodimethylamine	3.37	42	14212	3.457	ng	# 90
6) bis(2-Chloroethyl)ether	6.84	93	29705	3.192	ng	97
9) Naphthalene	10.20	128	364856	3.052	ng	99
10) Hexachlorobutadiene	10.50	225	15038	3.016	ng	96
12) 2-Methylnaphthalene	11.81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

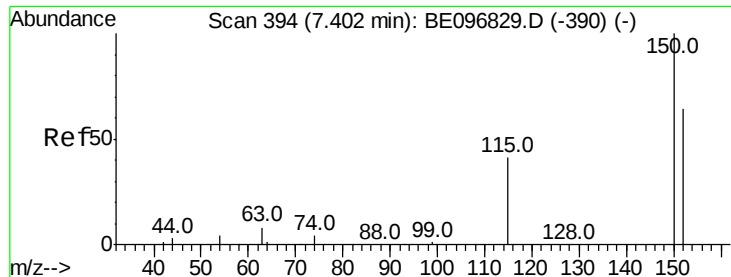
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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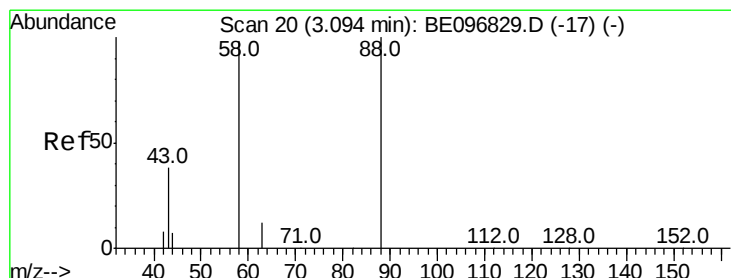
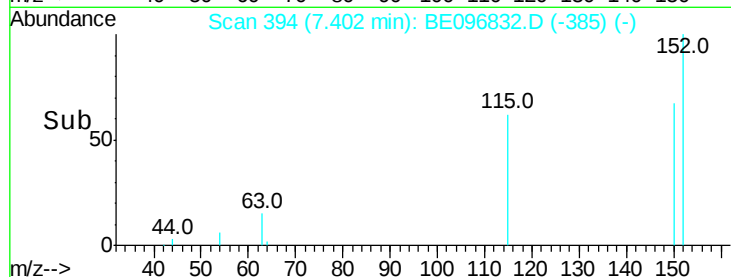
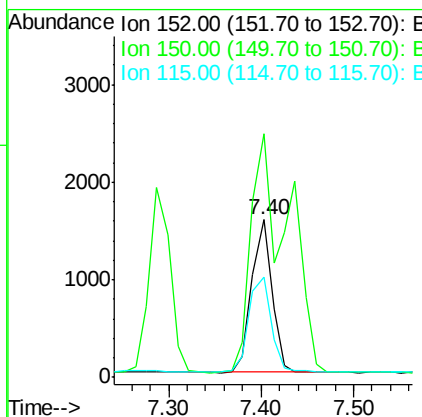
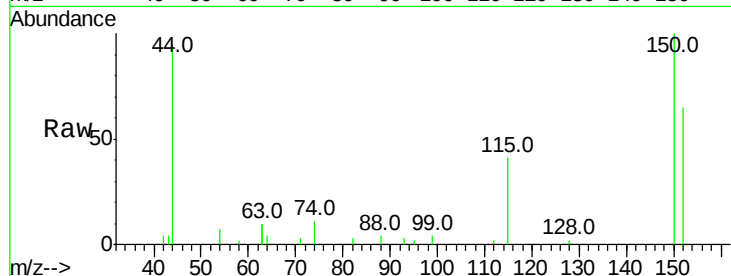


#1

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

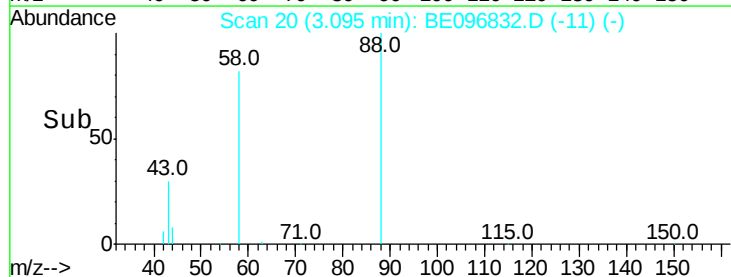
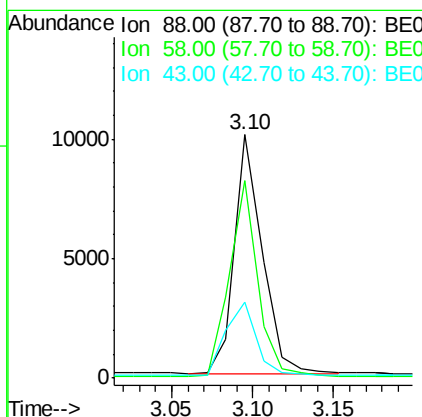
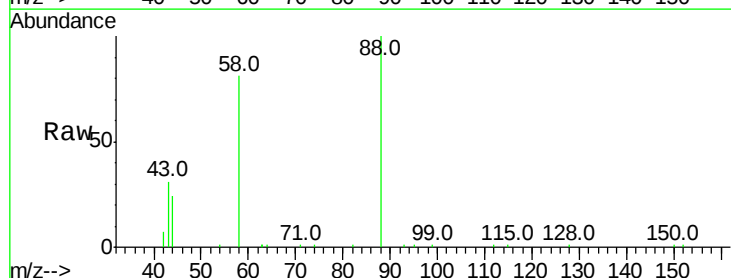
Tot Ion:152 Resp: 2409
Ion Ratio Lower Upper
152 100
150 154.6 117.2 175.8
115 63.7 57.0 85.6



#2

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

Tgt Ion: 88 Resp: 11839
Ion Ratio Lower Upper
88 100
58 83.5 63.2 94.8
43 33.8 41.2 61.8#





#3

n-Nitrosodimethylamine

Concen: 3.457 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

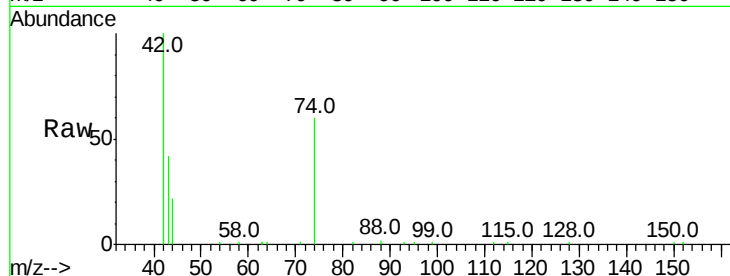
Tot Ion: 42 Resp: 14212

Ion Ratio Lower Upper

42 100

74 108.5 96.0 144.0

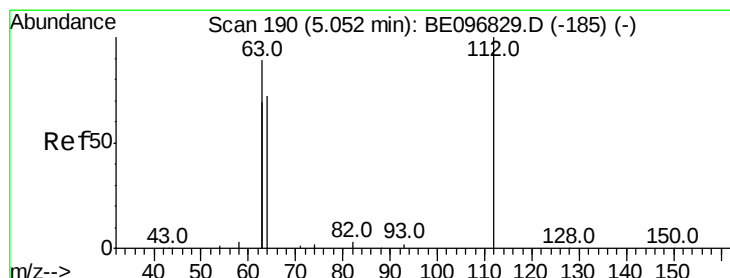
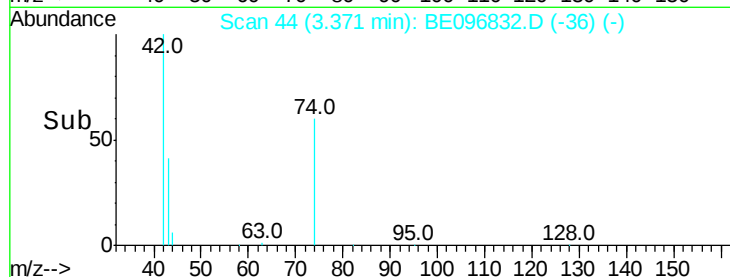
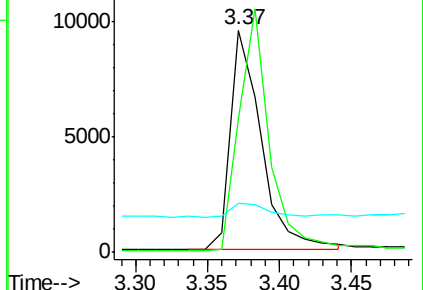
44 10.6 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 3.638 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

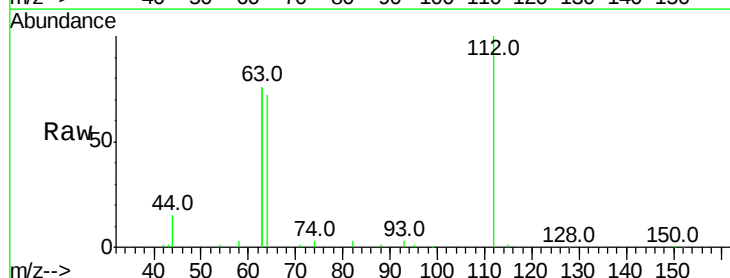
Tgt Ion: 112 Resp: 19153

Ion Ratio Lower Upper

112 100

64 69.0 60.1 90.1

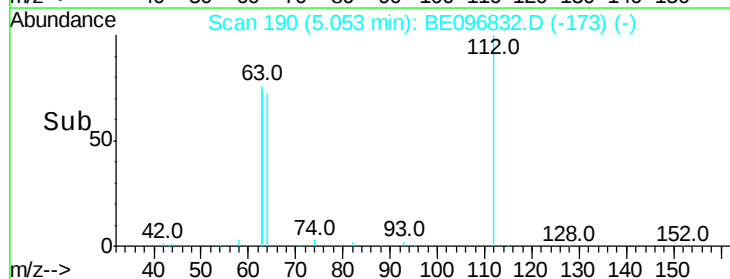
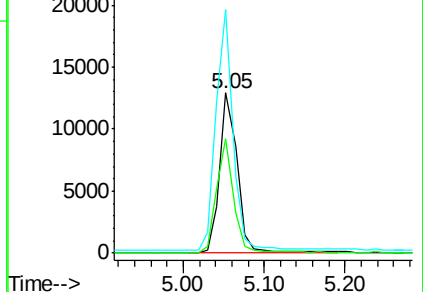
63 148.1 116.8 175.2

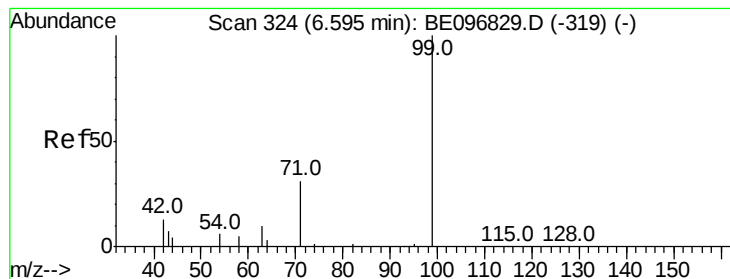


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.840 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

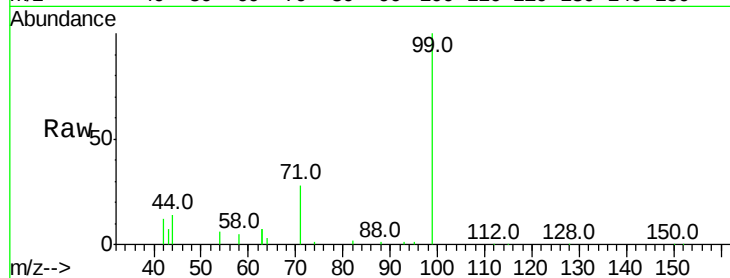
Tot Ion: 99 Resp: 30296

Ion Ratio Lower Upper

99 100

42 23.5 20.2 30.2

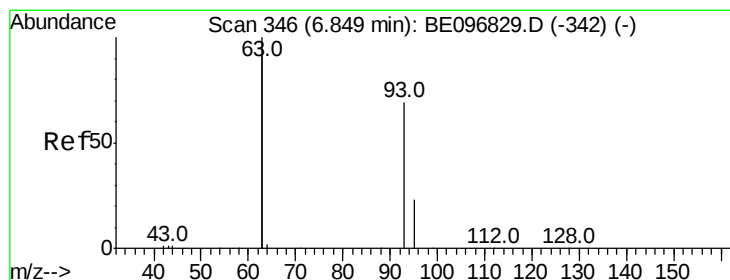
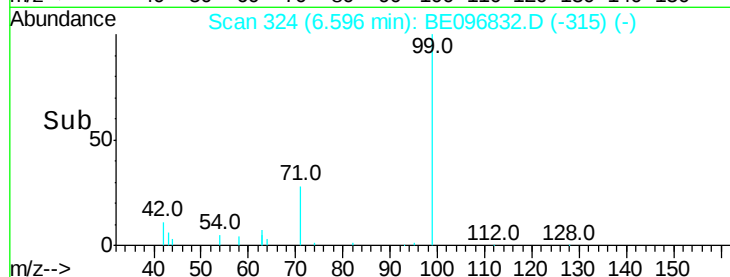
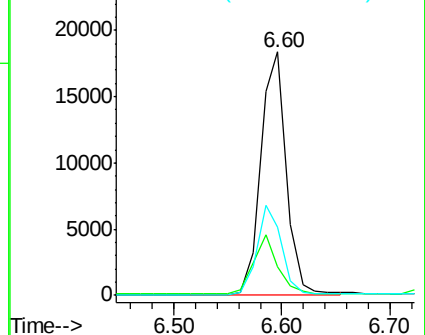
71 35.5 28.4 42.6



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: 3.192 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.01 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

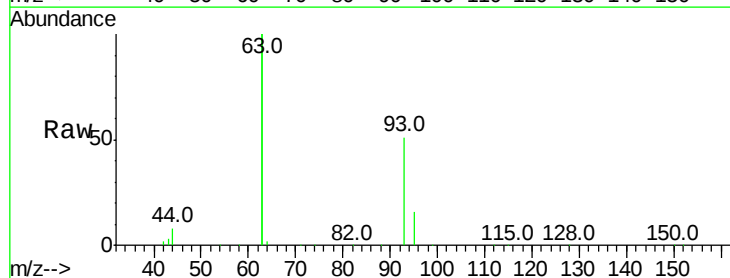
Tgt Ion: 93 Resp: 29705

Ion Ratio Lower Upper

93 100

63 337.2 275.3 412.9

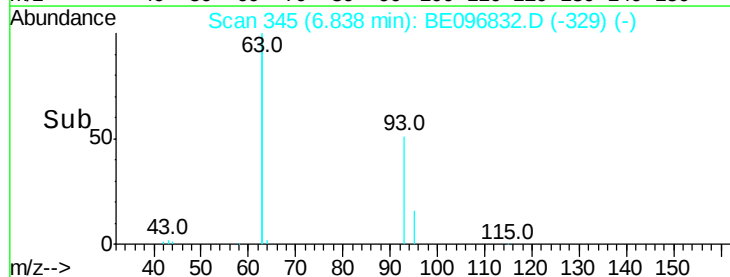
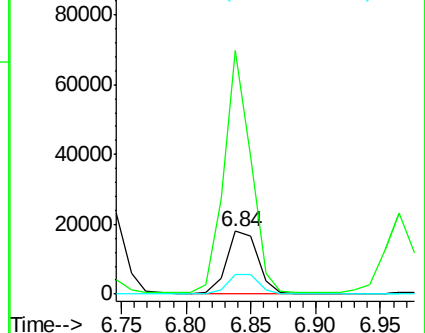
95 31.9 25.2 37.8

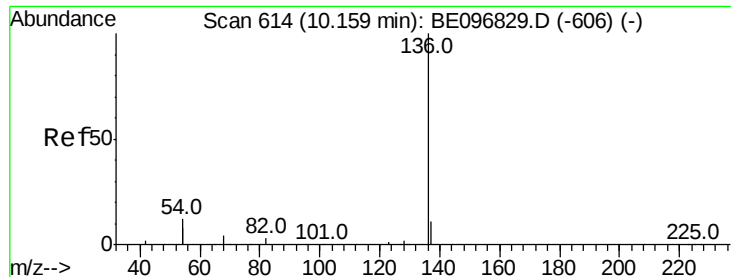


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 614

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 12166

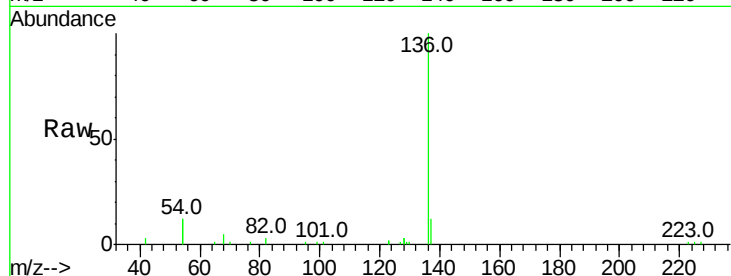
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 23.1 29.1 43.7#

68 4.7 6.2 9.2#



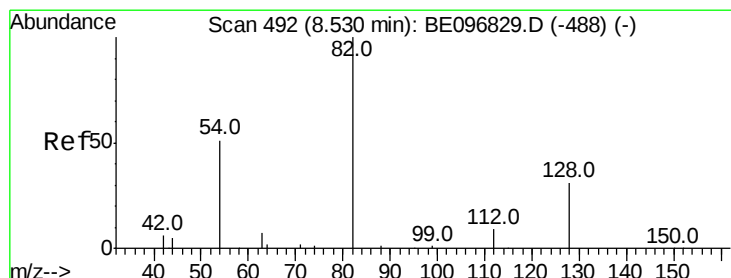
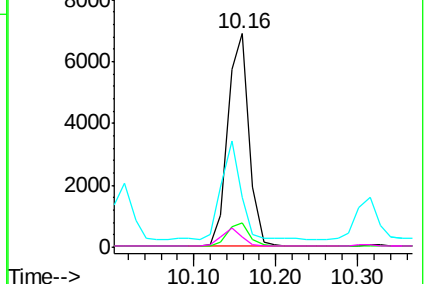
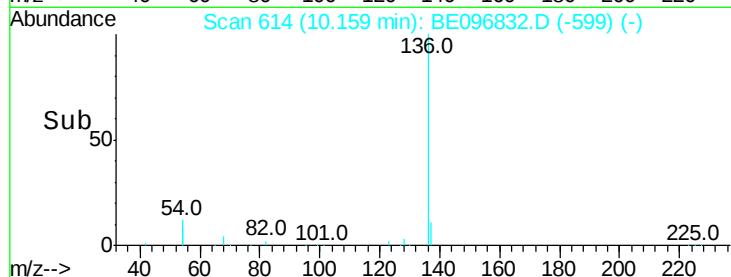
Abundance

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: 3.913 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

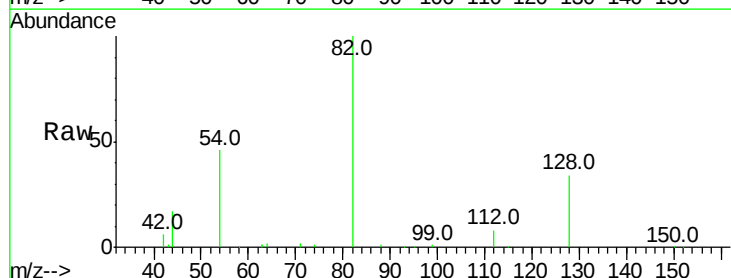
Tgt Ion: 82 Resp: 26478

Ion Ratio Lower Upper

82 100

128 33.5 24.0 36.0

54 46.0 40.0 60.0

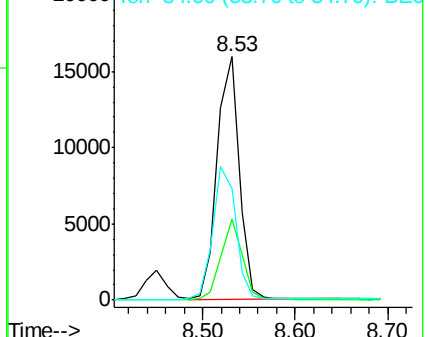
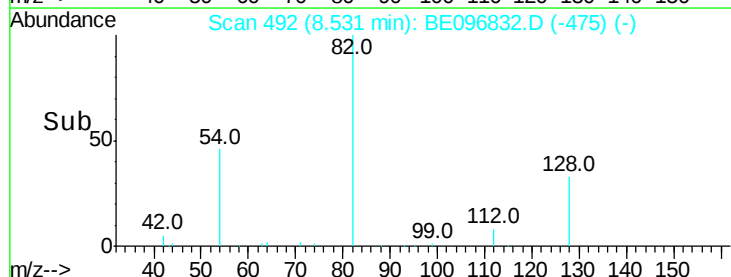


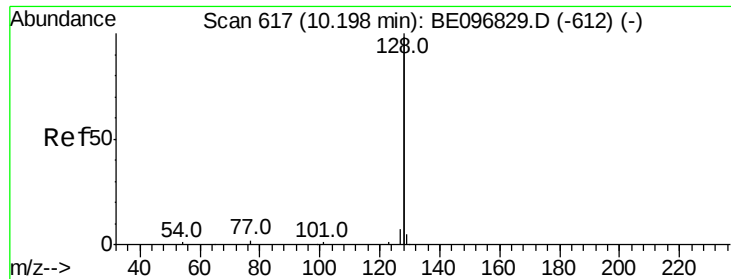
Abundance

Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.052 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

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ClientSampleId :

SSTDICC3.2

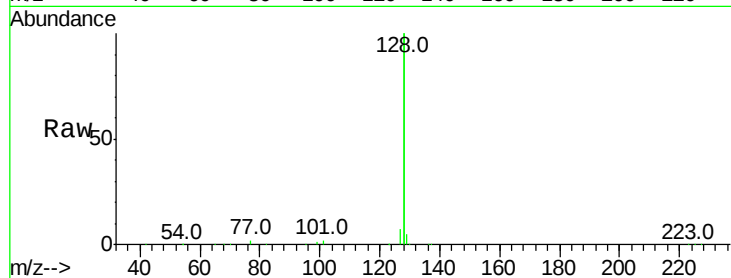
Tot Ion:128 Resp: 364856

Ion Ratio Lower Upper

128 100

129 2.7 2.6 3.8

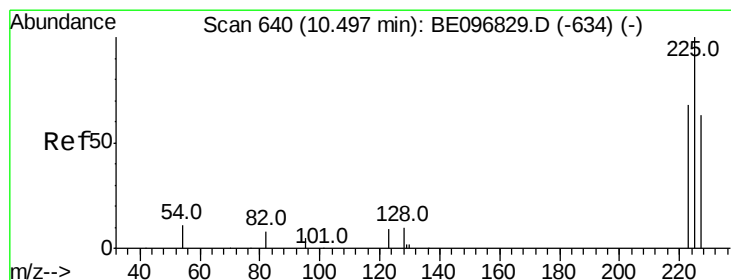
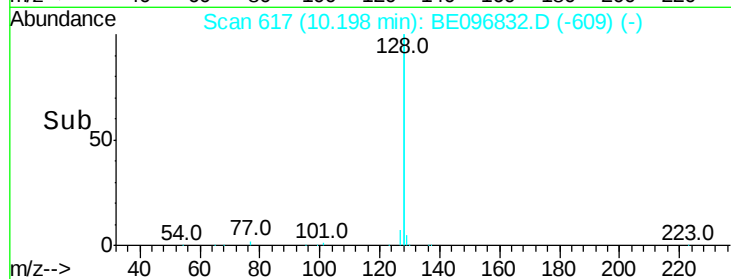
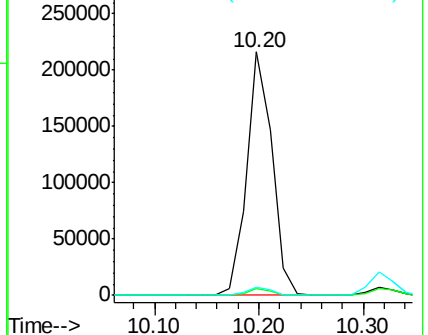
127 3.3 2.8 4.2



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: 3.016 ng

RT: 10.50 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

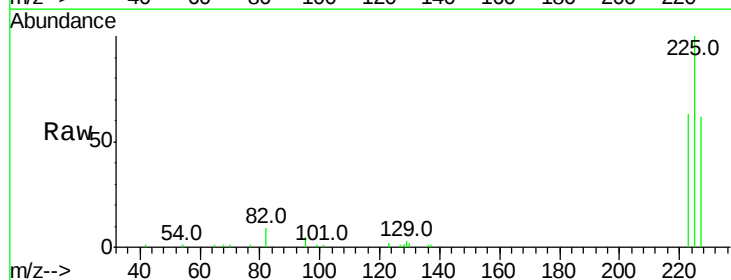
Tgt Ion:225 Resp: 15038

Ion Ratio Lower Upper

225 100

223 61.8 53.0 79.6

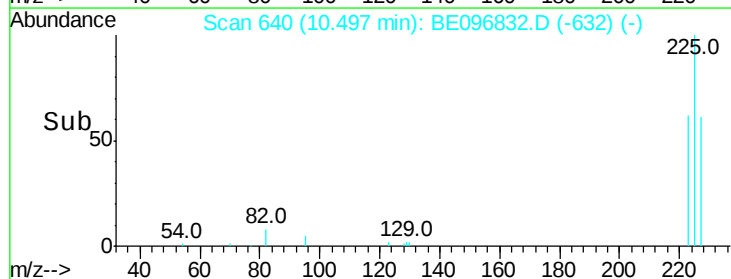
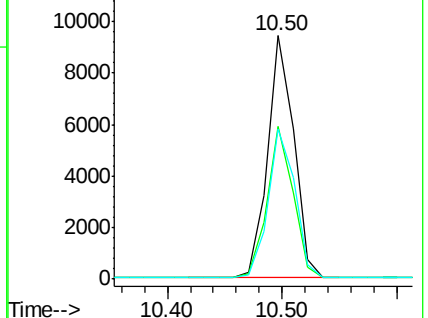
227 62.9 51.4 77.2

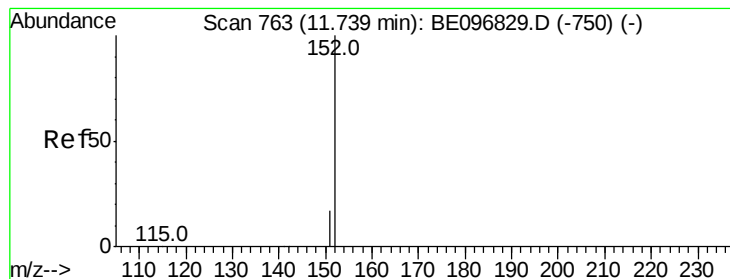


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.071 ng

RT: 11.73 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

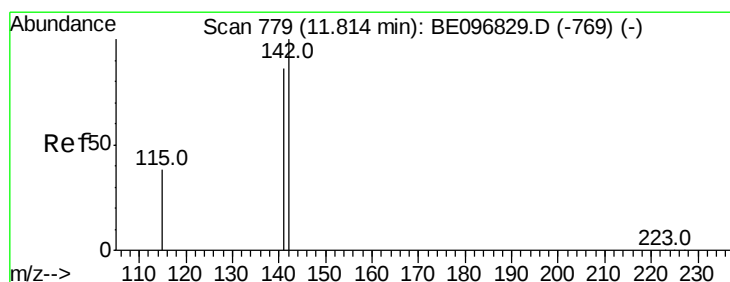
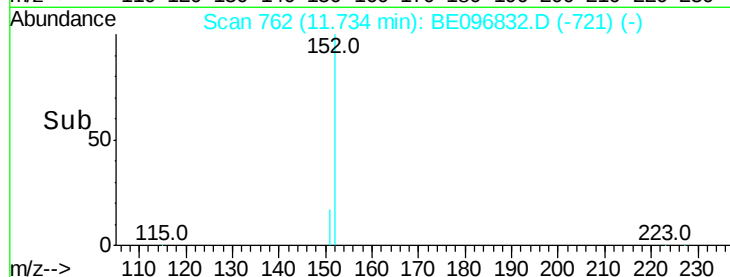
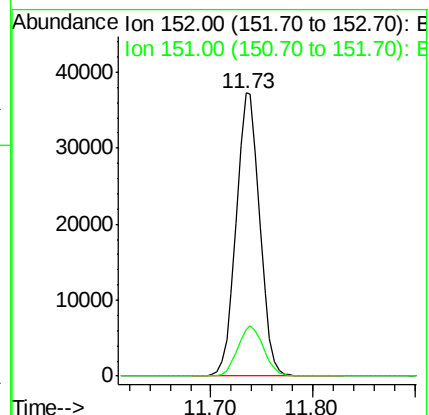
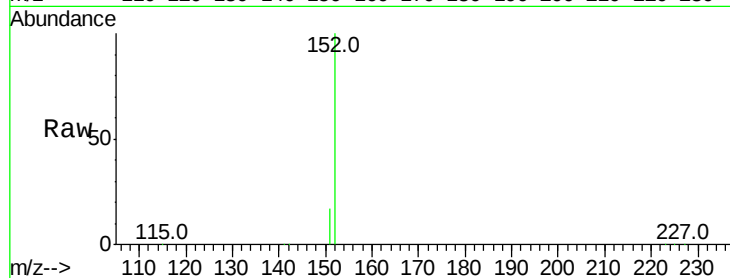
SSTDICC3.2

Tot Ion:152 Resp: 59653

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0



#12

2-Methylnaphthalene

Concen: 3.132 ng

RT: 11.81 min Scan# 778

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

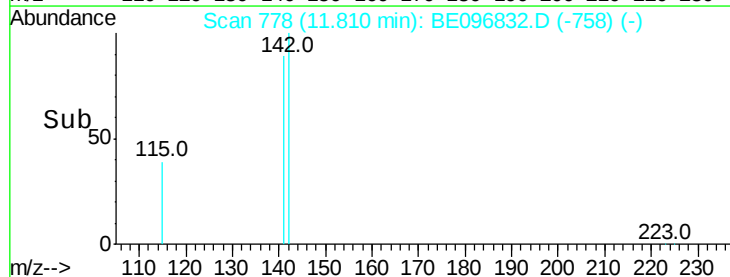
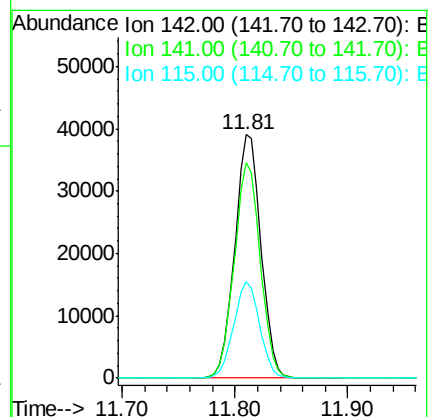
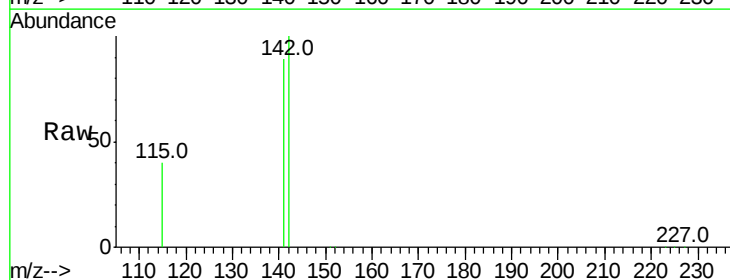
Tgt Ion:142 Resp: 62789

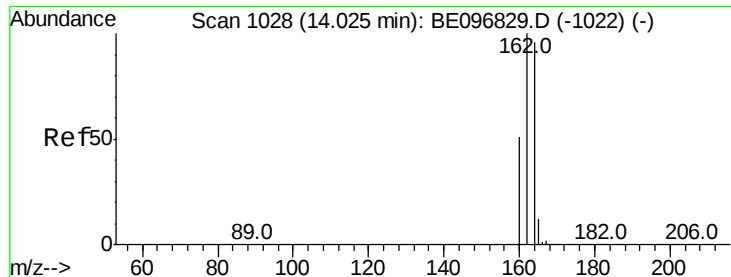
Ion Ratio Lower Upper

142 100

141 88.7 70.4 105.6

115 39.6 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

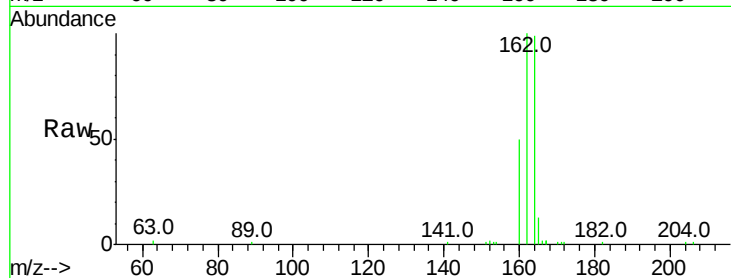
Tot Ion:164 Resp: 7045

Ion Ratio Lower Upper

164 100

162 100.6 83.1 124.7

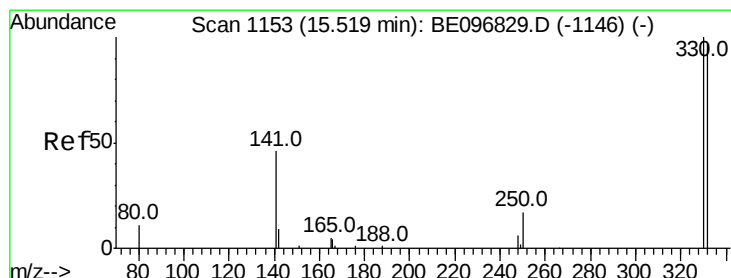
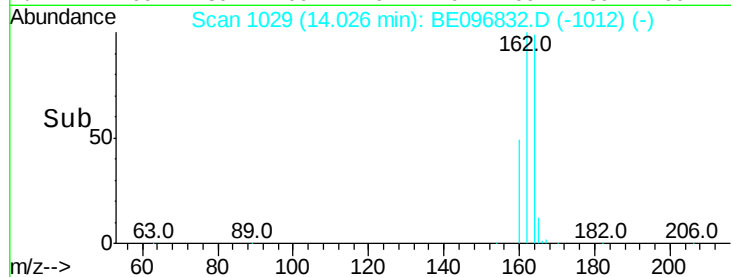
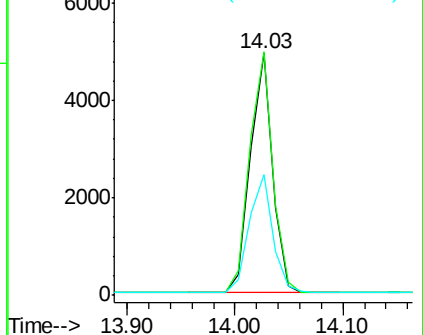
160 50.0 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 5.341 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

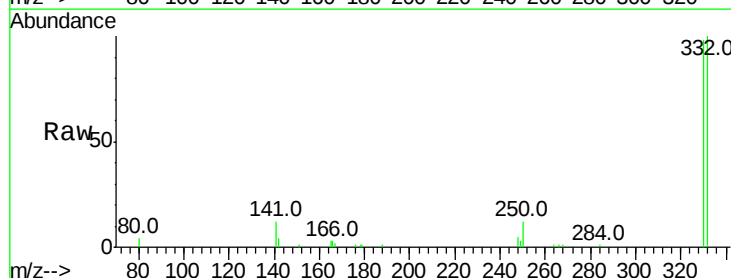
Tgt Ion:330 Resp: 7778

Ion Ratio Lower Upper

330 100

332 96.3 152.7 229.1#

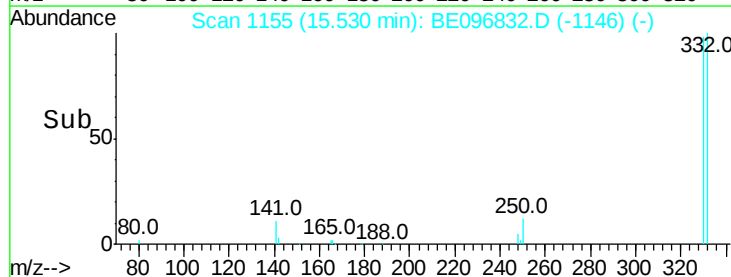
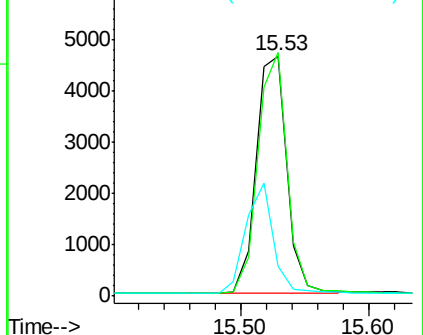
141 41.5 33.7 50.5

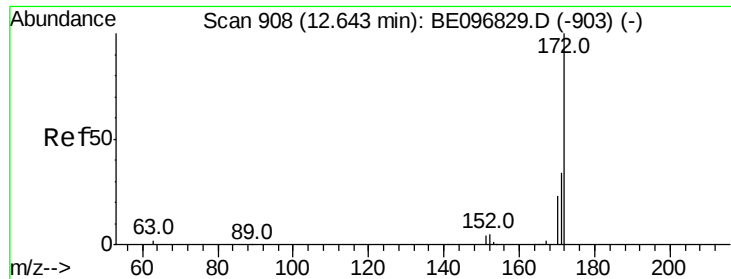


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

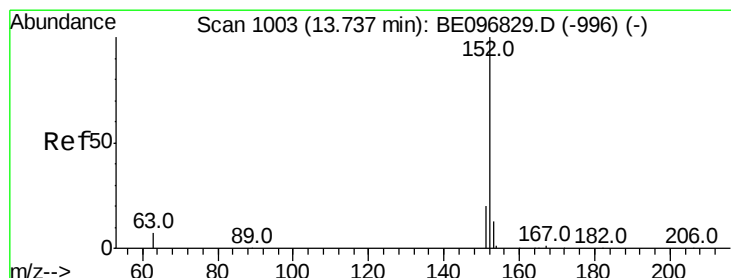
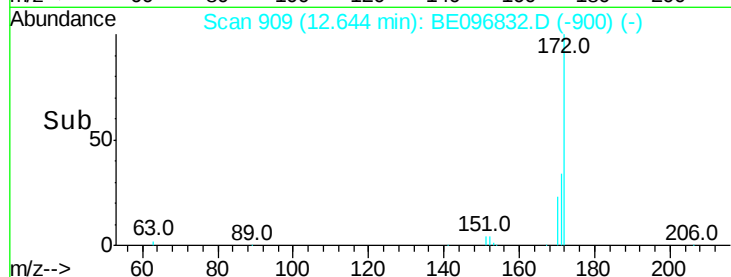
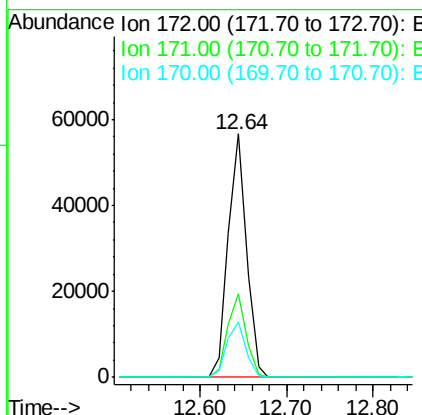
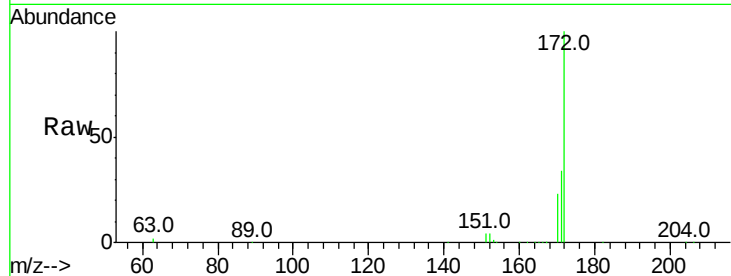




#15
2-Fluorobiphenyl
Concen: 2.878 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE096832.D
Acq: 20 Jun 2018 12:49

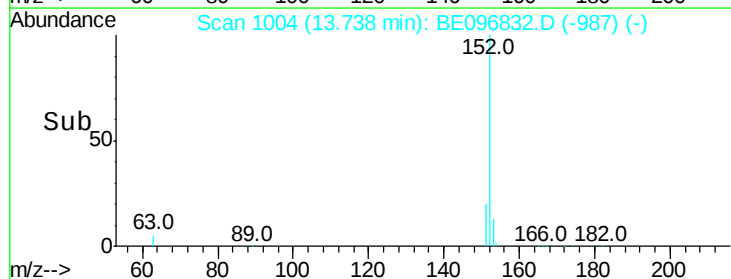
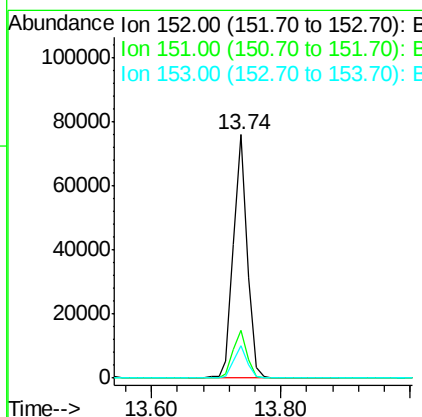
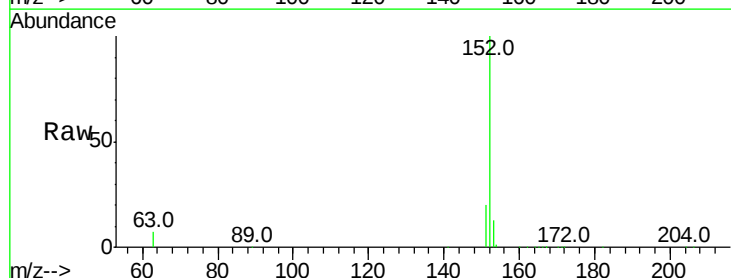
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

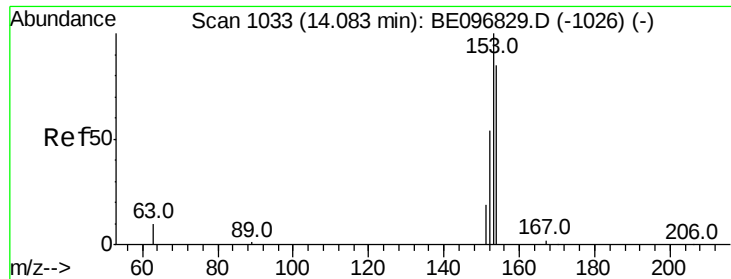
Tot Ion:172 Resp: 83376
Ion Ratio Lower Upper
172 100
171 34.4 29.9 44.9
170 23.0 21.8 32.8



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

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





#17

Acenaphthene

Concen: 3.092 ng

RT: 14.08 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

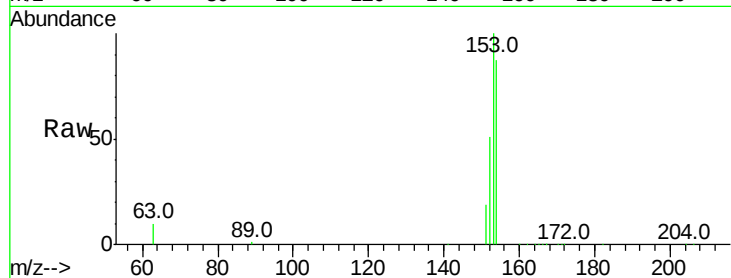
Tot Ion:154 Resp: 69069

Ion Ratio Lower Upper

154 100

153 112.4 89.2 133.8

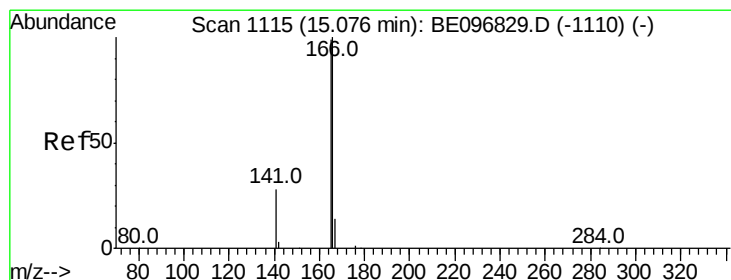
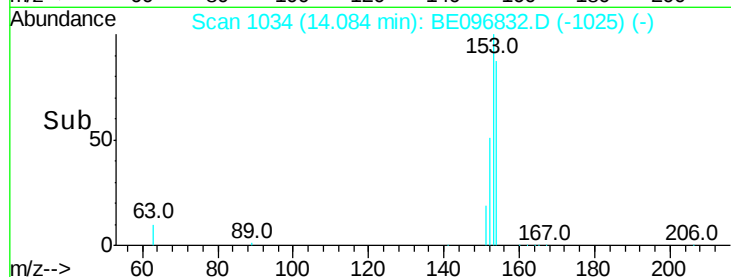
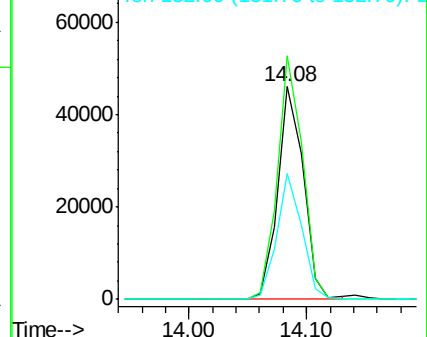
152 57.7 42.0 63.0



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: 3.162 ng

RT: 15.08 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

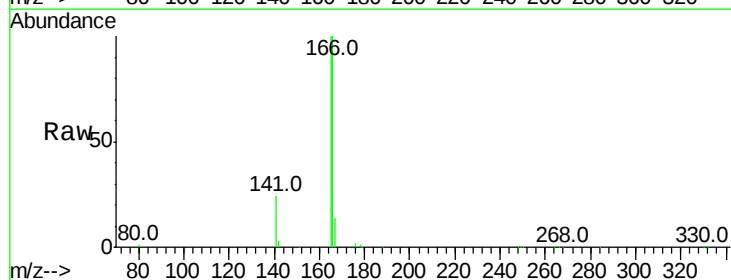
Tgt Ion:166 Resp: 83519

Ion Ratio Lower Upper

166 100

165 98.7 77.8 116.6

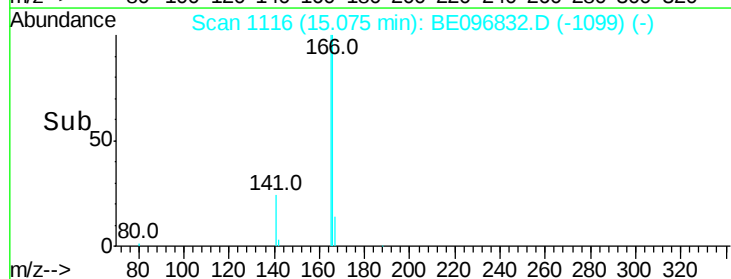
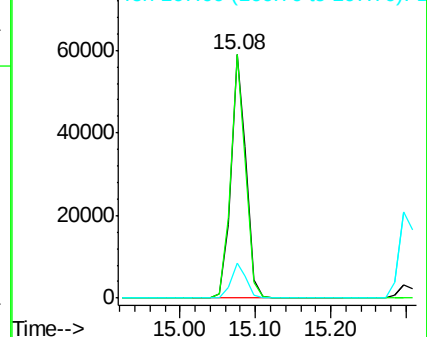
167 14.4 42.4 63.6#

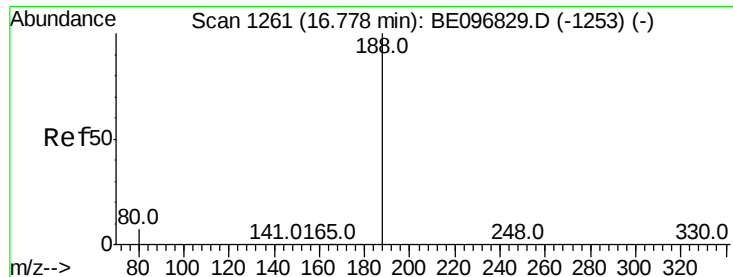


Abundance Ion 166.00 (165.70 to 166.70): E

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

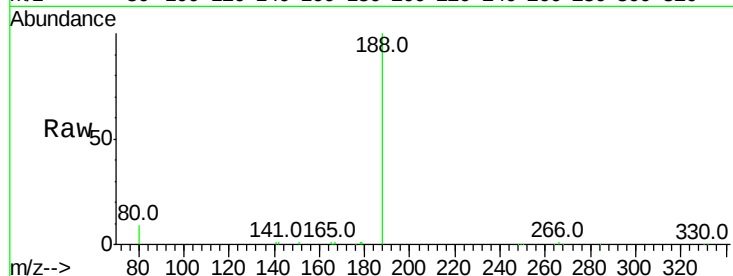
Tot Ion:188 Resp: 17509

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

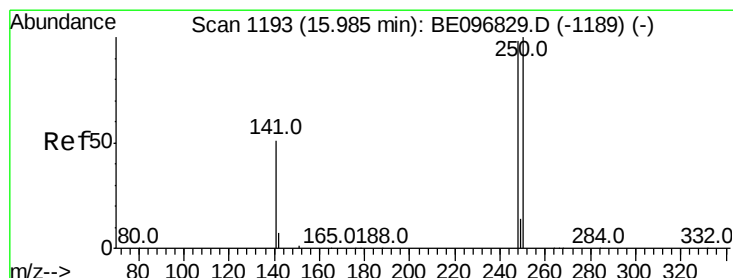
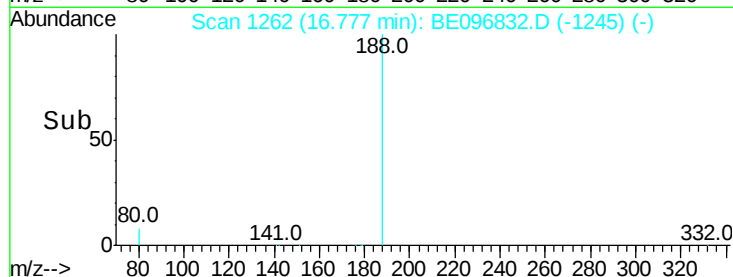
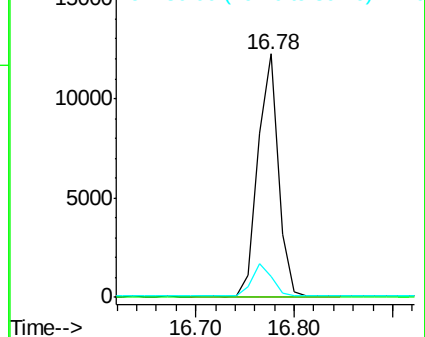
80 8.6 3.6 5.4#



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: 3.301 ng

RT: 15.98 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

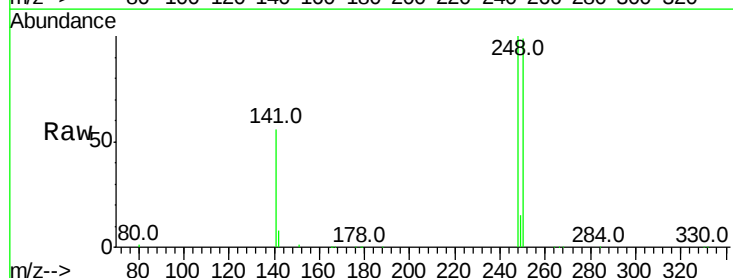
Tgt Ion:248 Resp: 28189

Ion Ratio Lower Upper

248 100

250 98.8 62.7 94.1#

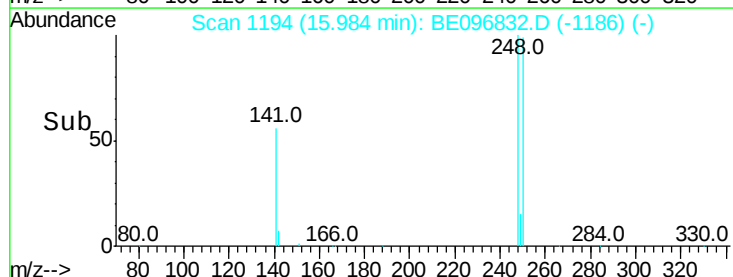
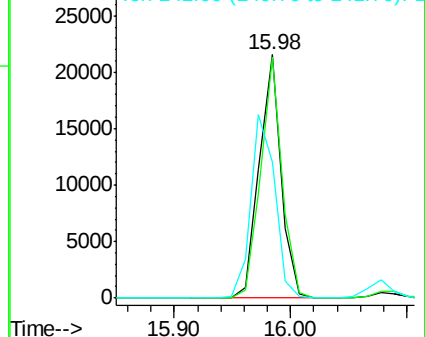
141 55.9 48.2 72.2

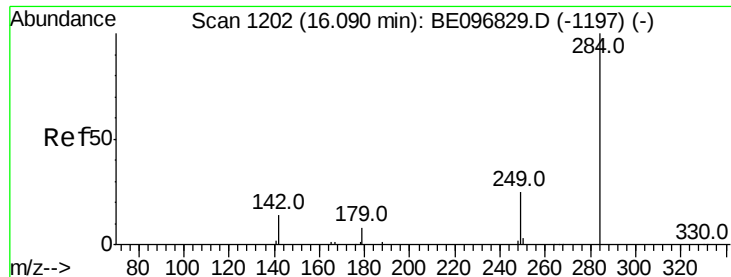


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.012 ng

RT: 16.09 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

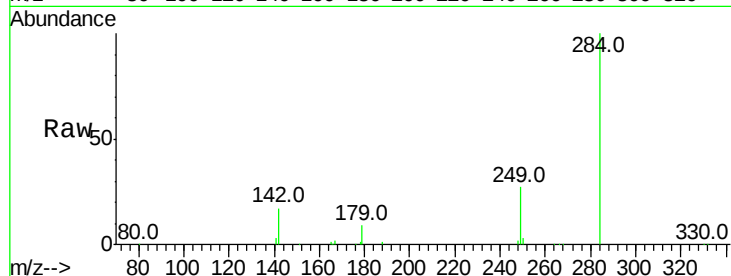
Tot Ion:284 Resp: 30206

Ion Ratio Lower Upper

284 100

142 39.7 22.1 33.1#

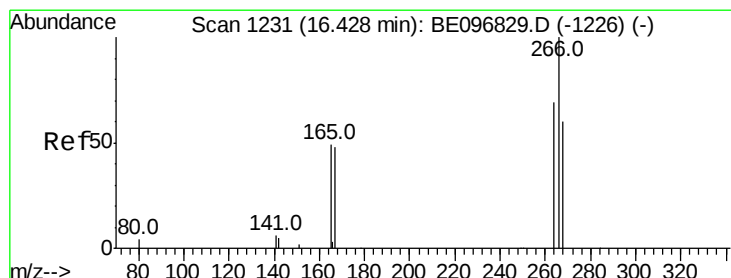
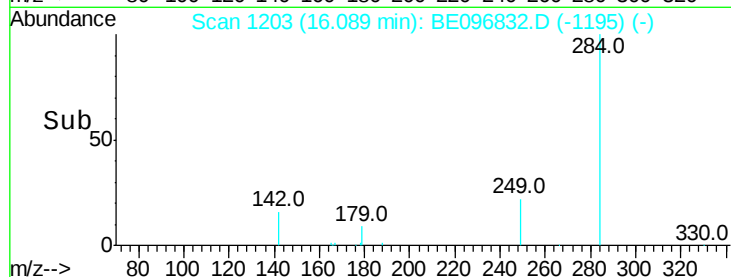
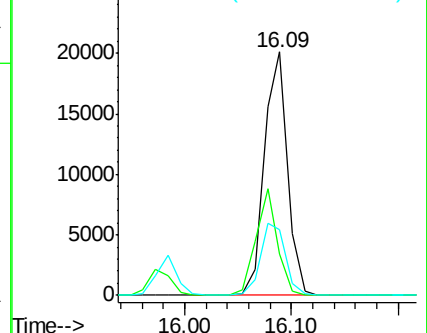
249 31.5 34.8 52.2#



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: 5.594 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

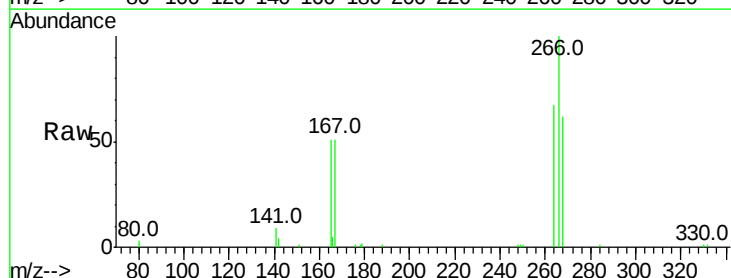
Tgt Ion:266 Resp: 8716

Ion Ratio Lower Upper

266 100

264 66.6 72.5 108.7#

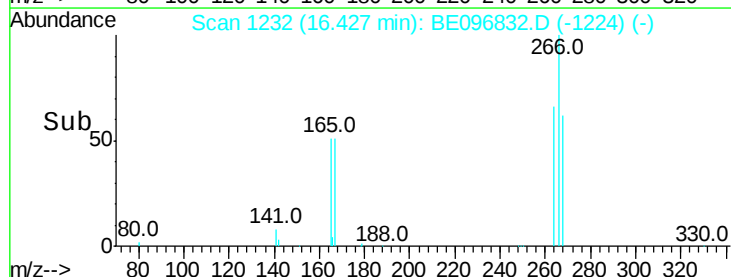
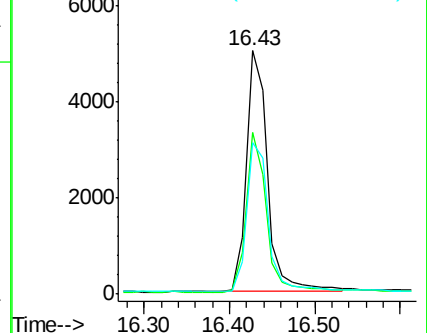
268 62.1 73.8 110.6#

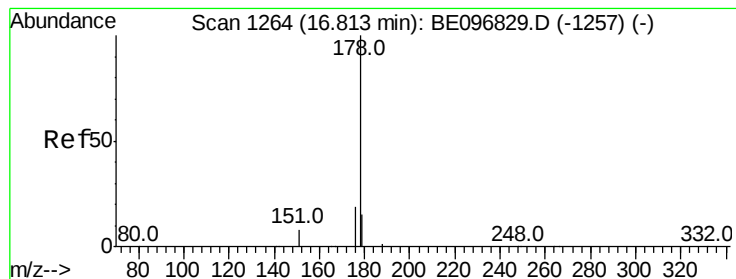


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.160 ng

RT: 16.81 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

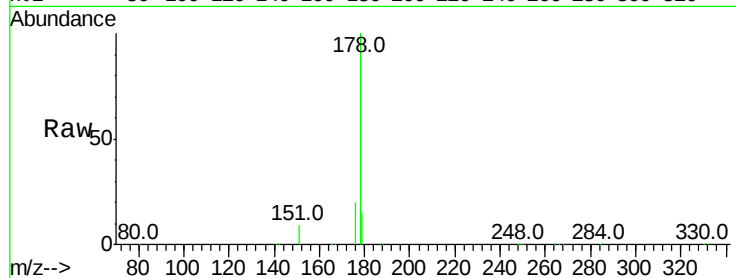
Tot Ion:178 Resp: 150398

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

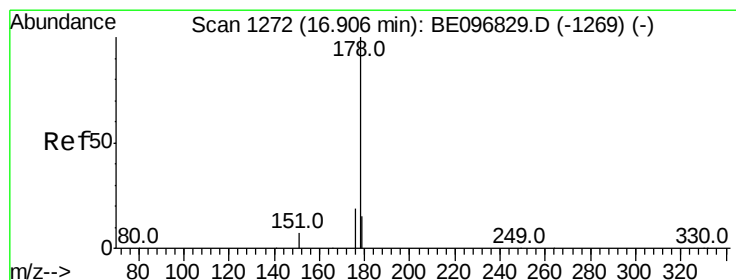
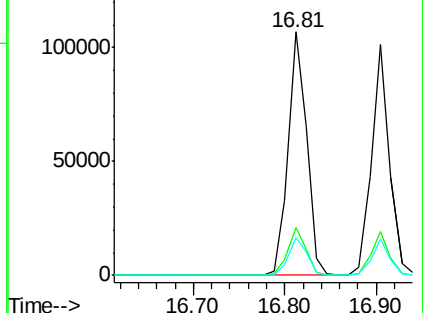
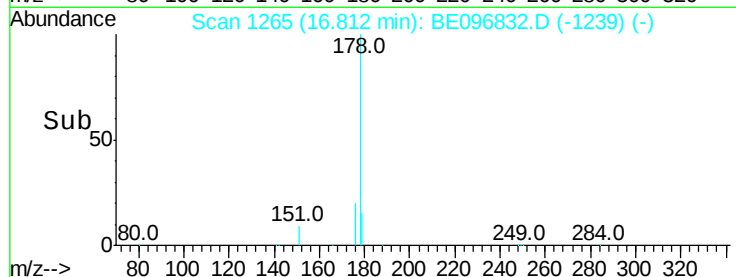
179 15.3 11.8 17.6



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: 3.532 ng

RT: 16.90 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

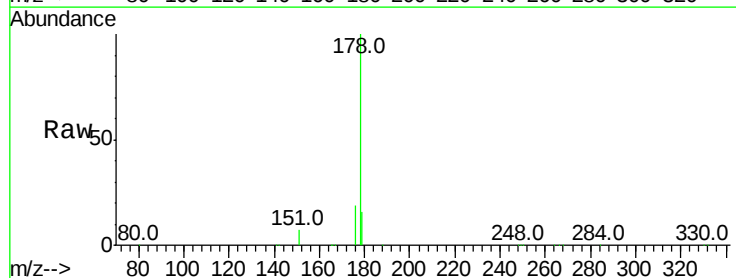
Tgt Ion:178 Resp: 137948

Ion Ratio Lower Upper

178 100

176 18.8 12.8 19.2

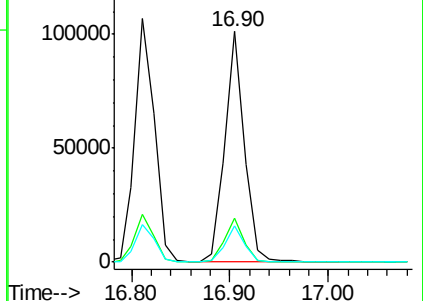
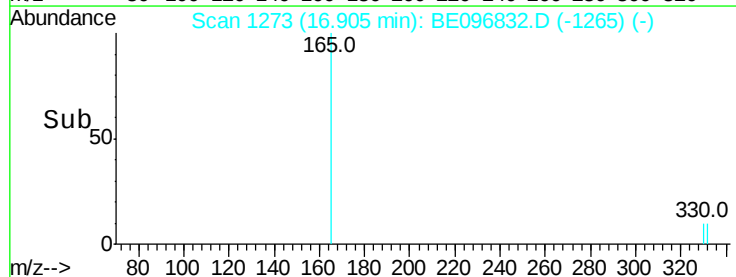
179 15.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.546 ng

RT: 18.81 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

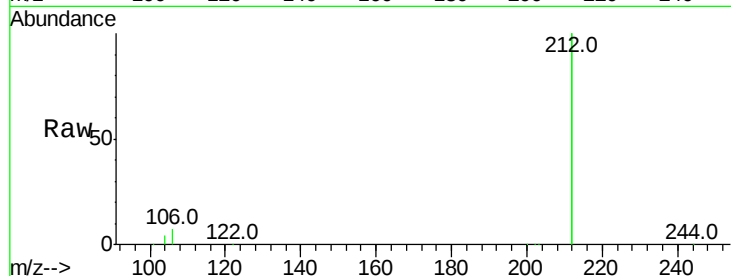
Tot Ion:212 Resp: 607708

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

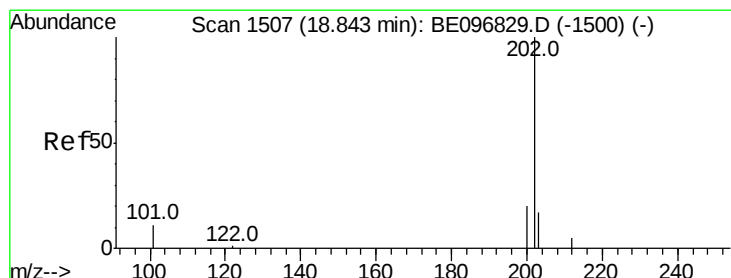
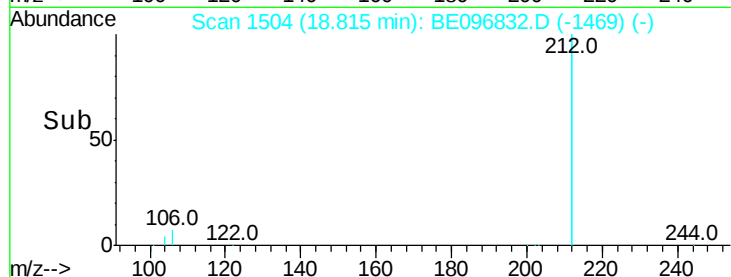
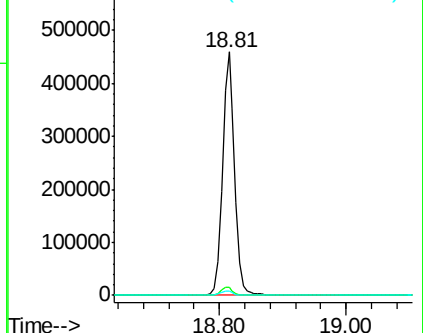
104 2.0 1.6 2.4



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



#26

Fluoranthene

Concen: 3.586 ng

RT: 18.84 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

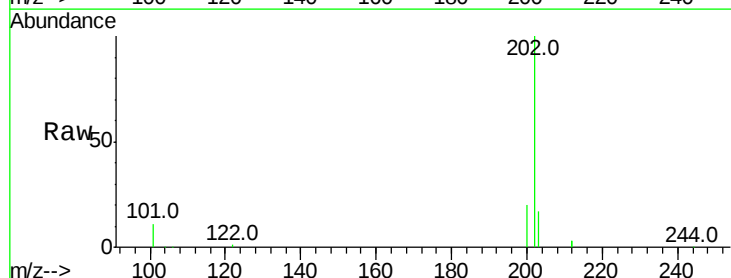
Tgt Ion:202 Resp: 180641

Ion Ratio Lower Upper

202 100

101 11.6 9.8 14.8

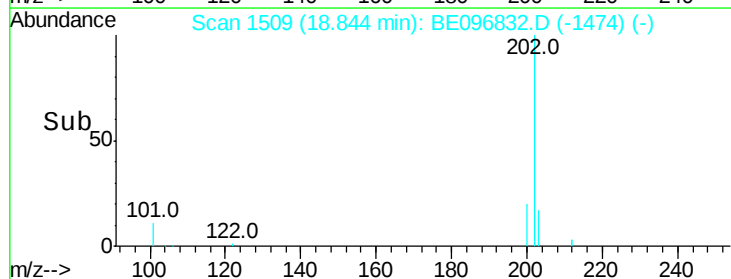
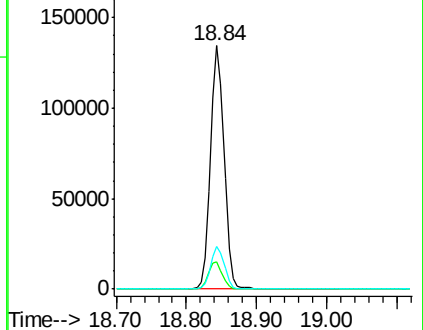
203 17.4 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

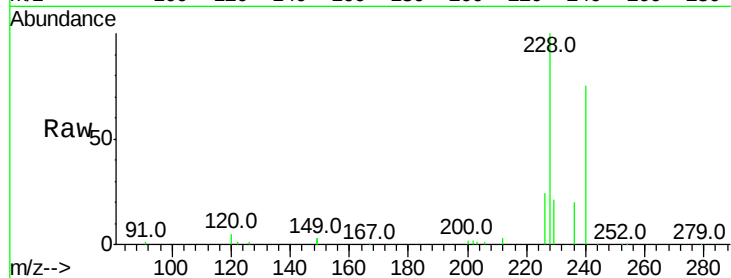
Tot Ion:240 Resp: 19248

Ion Ratio Lower Upper

240 100

120 7.1 5.5 8.3

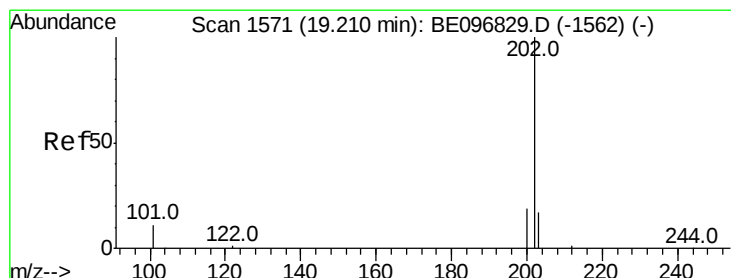
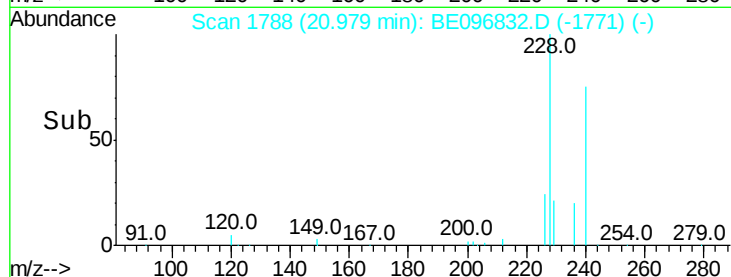
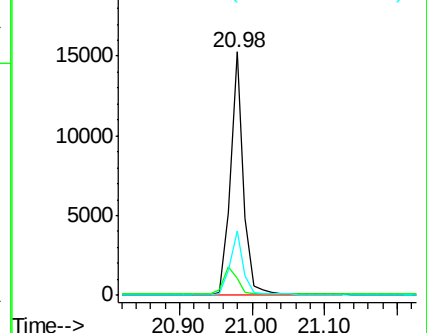
236 26.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 2.823 ng

RT: 19.21 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

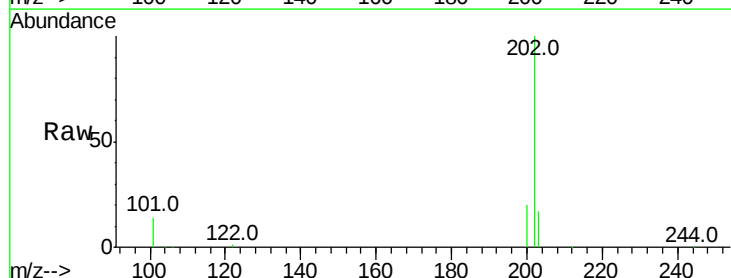
Tgt Ion:202 Resp: 178505

Ion Ratio Lower Upper

202 100

200 20.0 16.6 25.0

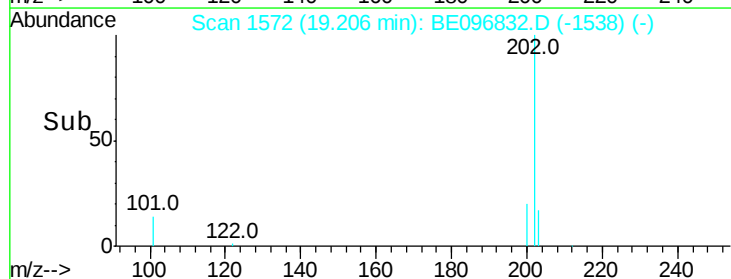
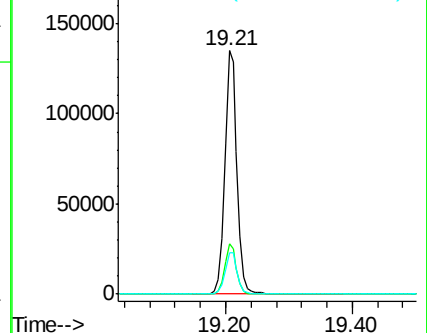
203 17.5 13.8 20.8

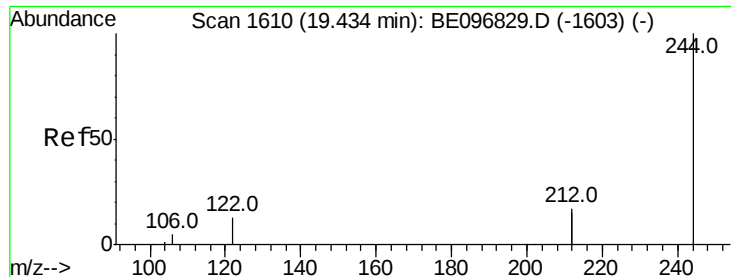


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 2.738 ng

RT: 19.44 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

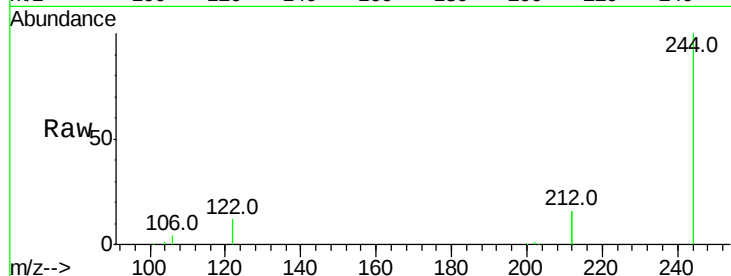
Tot Ion:244 Resp: 119434

Ion Ratio Lower Upper

244 100

212 31.2 25.4 38.0

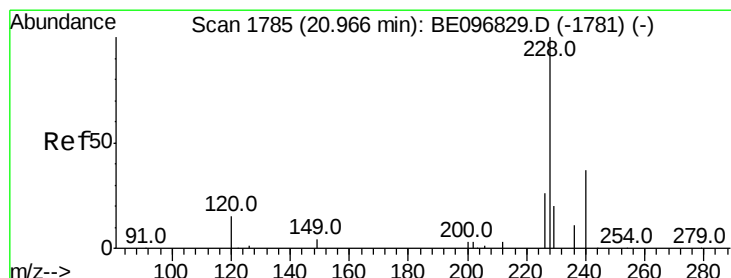
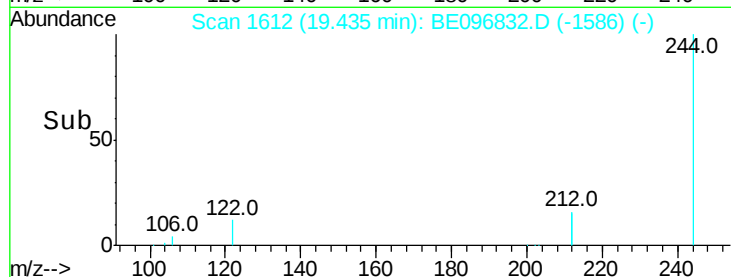
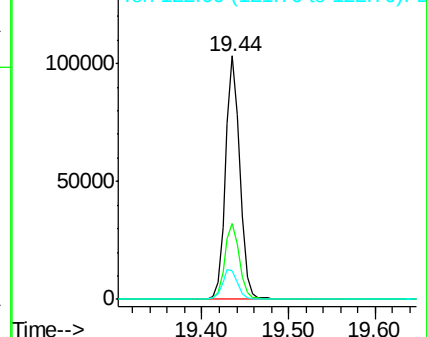
122 12.0 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 3.463 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

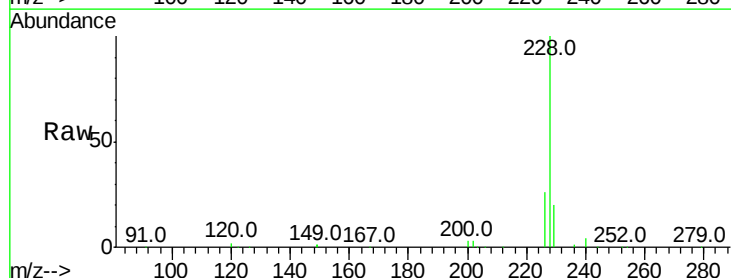
Tgt Ion:228 Resp: 161561

Ion Ratio Lower Upper

228 100

226 26.2 24.0 36.0

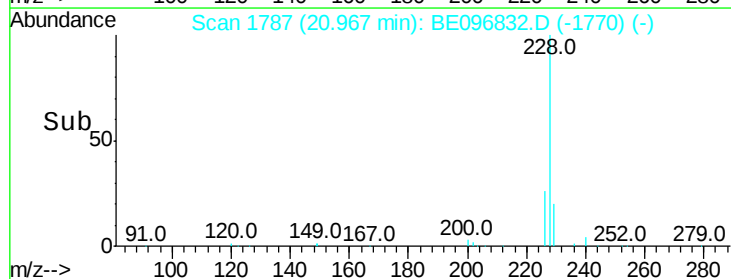
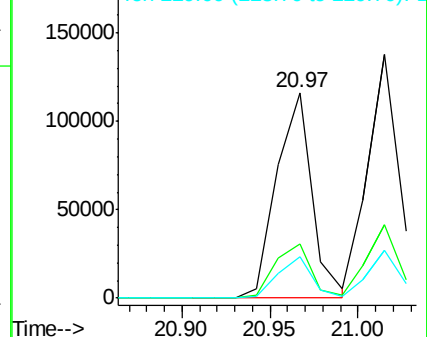
229 20.4 16.0 24.0

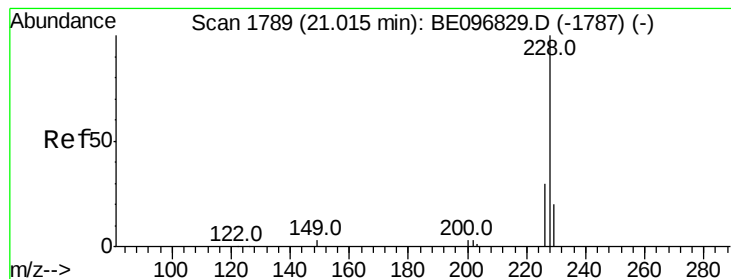


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 2.921 ng

RT: 21.02 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

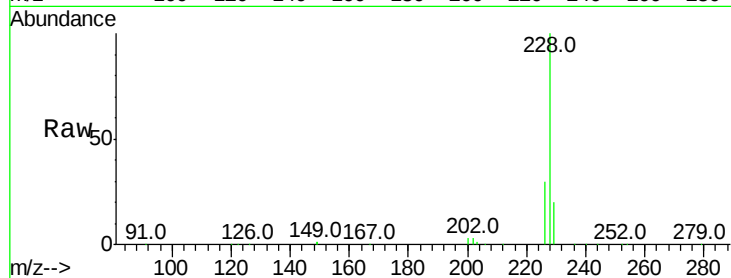
BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:228 Resp: 171650

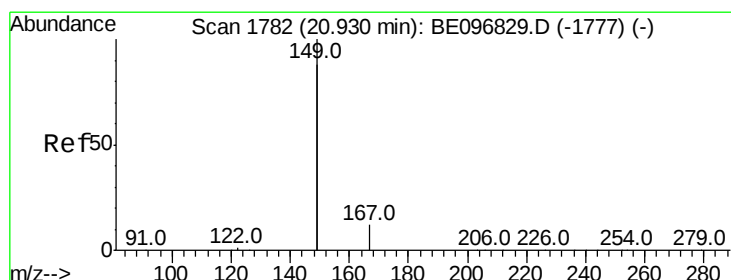
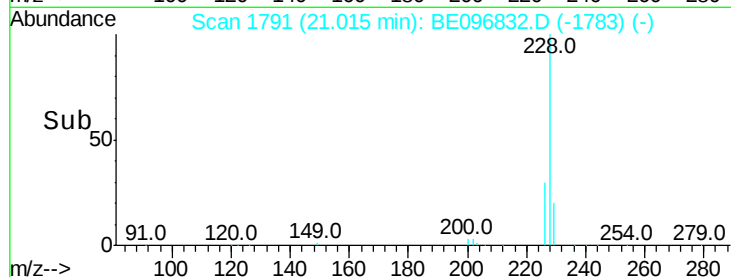
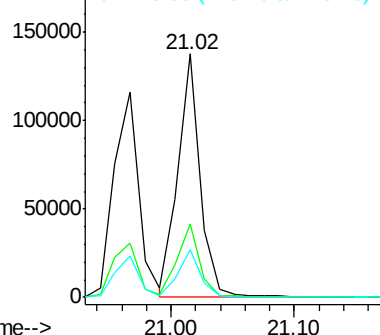
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	19.5	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 4.763 ng

RT: 20.93 min Scan# 1784

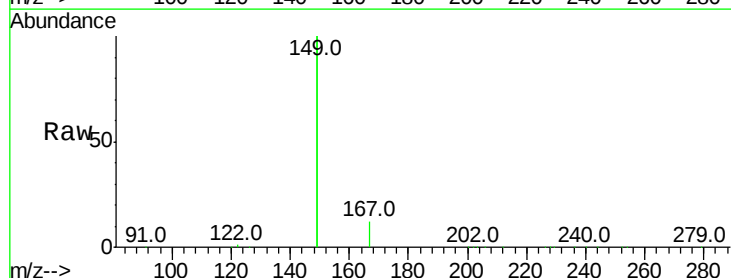
Delta R.T. 0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Tgt Ion:149 Resp: 166989

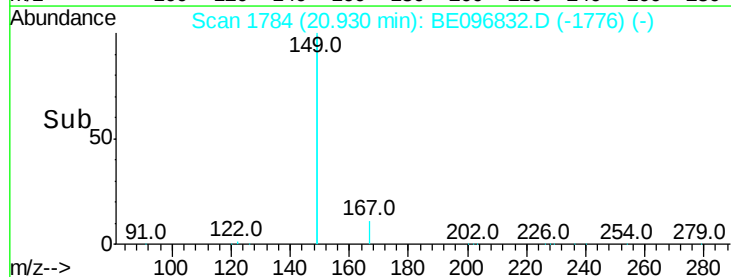
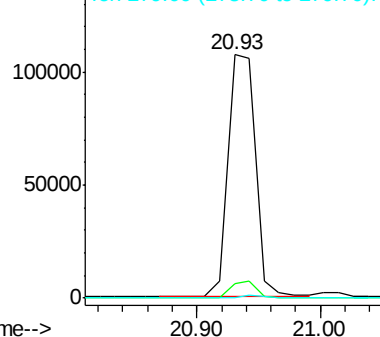
Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.8	0.7	1.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 3.390 ng

RT: 25.51 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

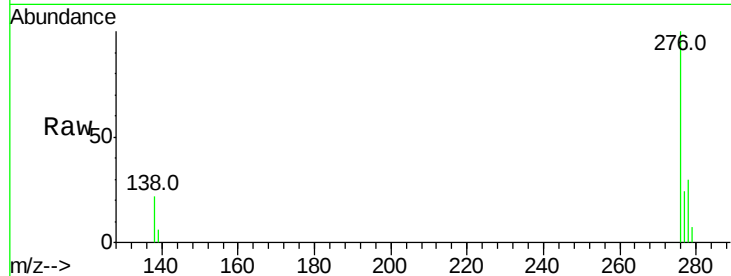
Tot Ion:276 Resp: 149535

Ion Ratio Lower Upper

276 100

138 25.0 22.5 33.7

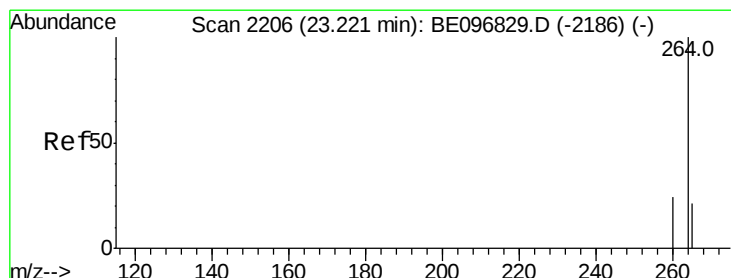
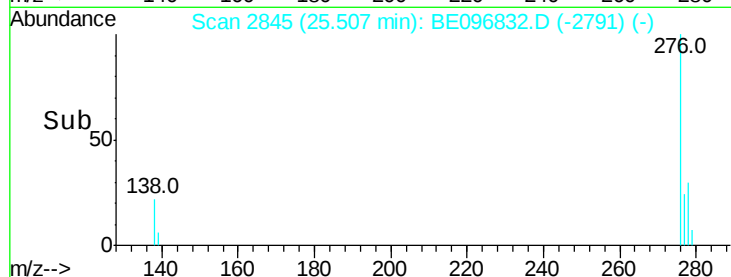
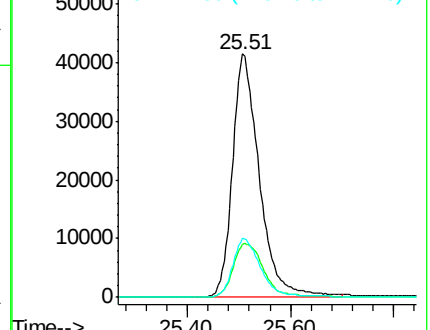
277 25.0 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#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

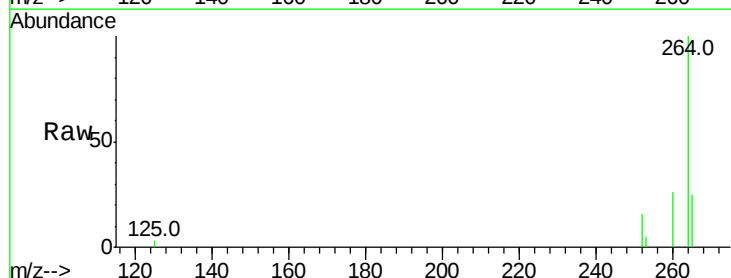
Tgt Ion:264 Resp: 14106

Ion Ratio Lower Upper

264 100

260 26.0 20.5 30.7

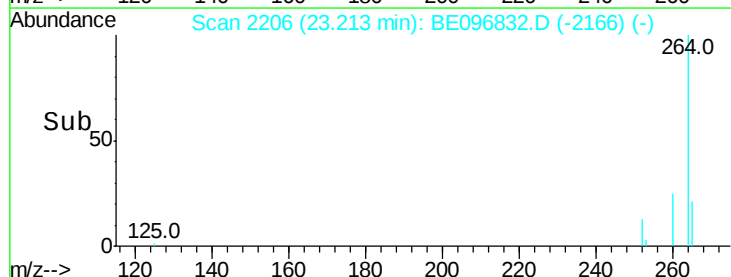
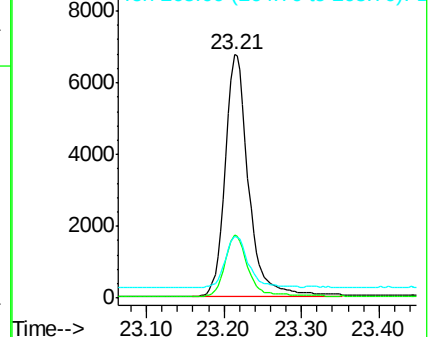
265 25.4 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.714 ng

RT: 22.54 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

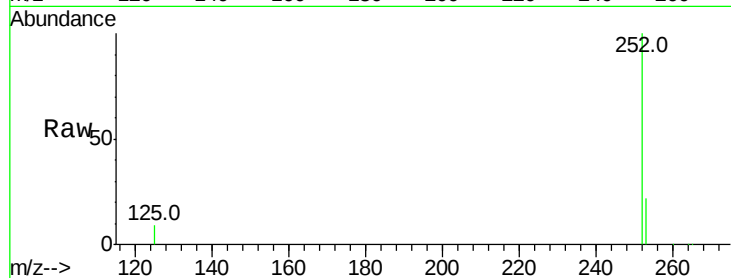
Tot Ion:252 Resp: 143977

Ion Ratio Lower Upper

252 100

253 21.9 20.0 30.0

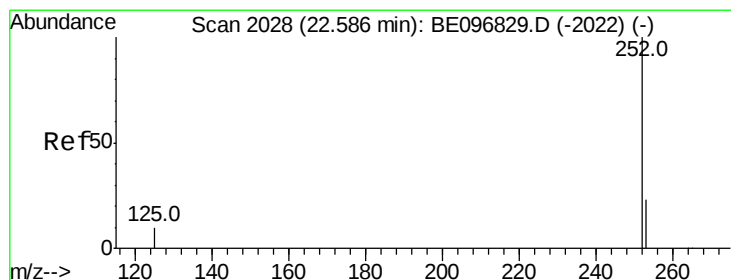
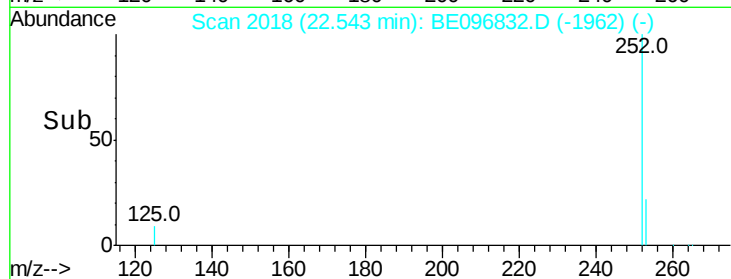
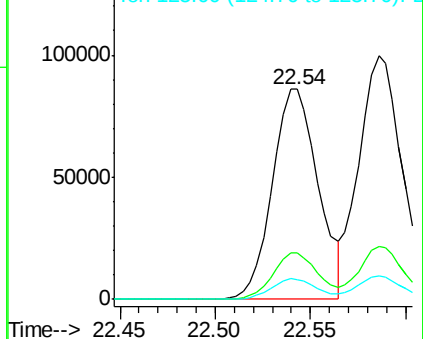
125 9.4 16.0 24.0#



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: 3.660 ng

RT: 22.59 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

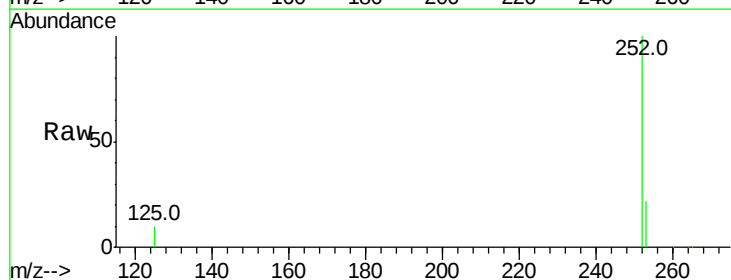
Tgt Ion:252 Resp: 168742

Ion Ratio Lower Upper

252 100

253 21.7 16.0 24.0

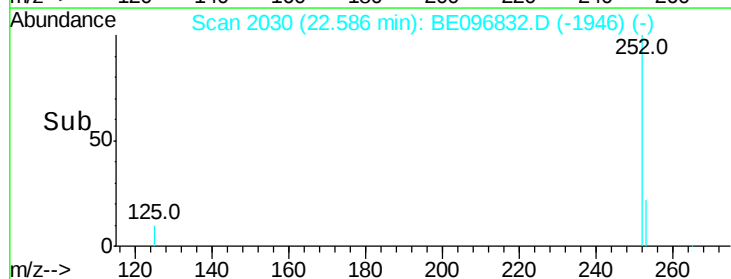
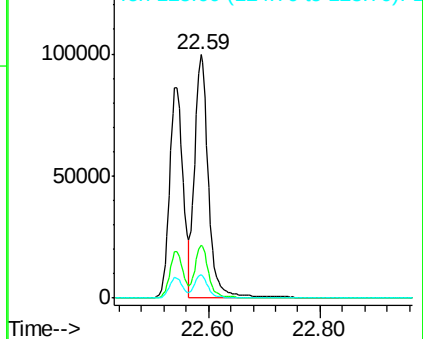
125 9.7 8.0 12.0



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: 3.905 ng

RT: 23.12 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

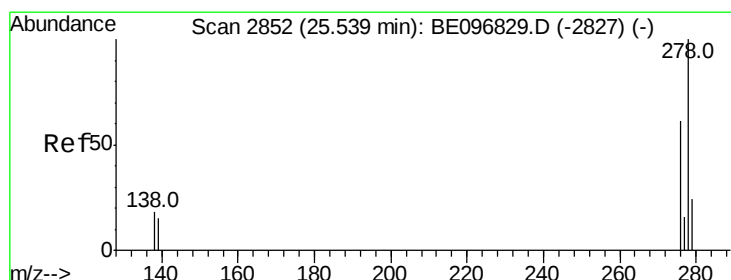
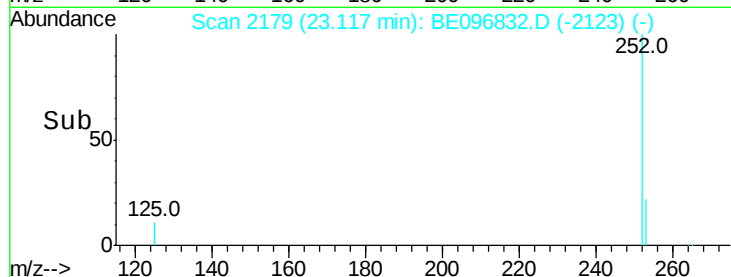
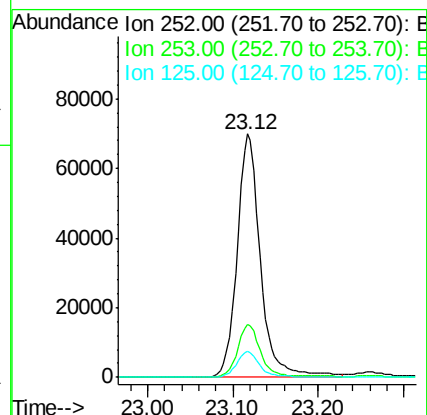
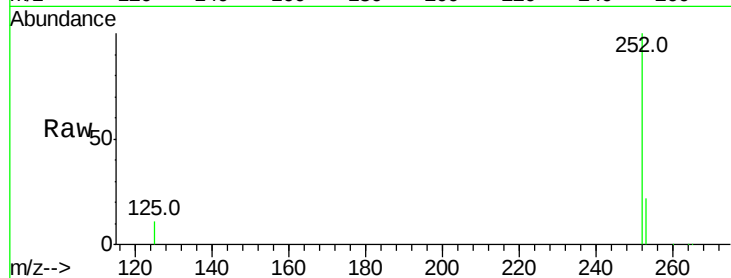
Tot Ion:252 Resp: 131429

Ion Ratio Lower Upper

252 100

253 21.9 16.0 24.0

125 10.8 12.0 18.0#



#38

Dibenzo(a,h)anthracene

Concen: 4.000 ng

RT: 25.54 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

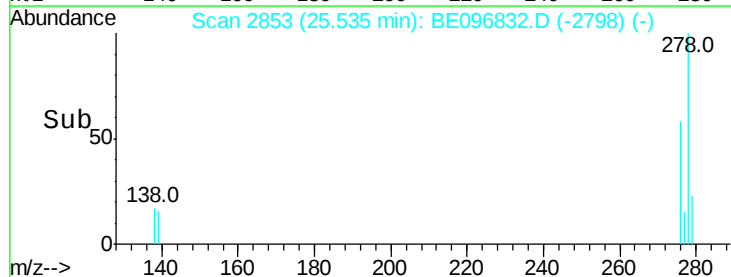
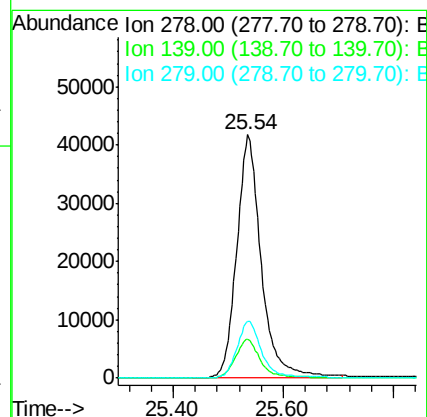
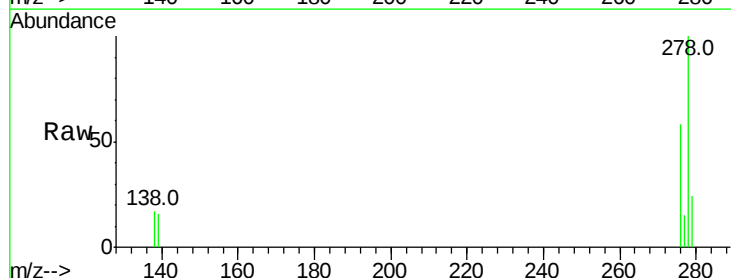
Tgt Ion:278 Resp: 129166

Ion Ratio Lower Upper

278 100

139 15.7 16.0 24.0#

279 23.5 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 3.602 ng

RT: 26.21 min Scan# 3041

Delta R.T. -0.00 min

Lab File: BE096832.D

Acq: 20 Jun 2018 12:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

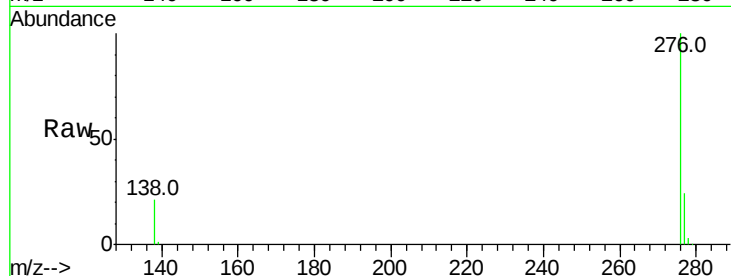
Tot Ion:276 Resp: 128795

Ion Ratio Lower Upper

276 100

277 24.1 16.0 24.0#

138 21.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

