

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
 Data File : BE096939.D
 Acq On : 16 Jul 2018 14:51
 Operator : SJ/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Jul 16 18:01:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 16 16:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	2066	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	10649	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	5813	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	13438	0.40	ng	0.00
27) Chrysene-d12	20.98	240	12300	0.40	ng	0.00
34) Perylene-d12	23.21	264	9876	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	8065	1.63	ng	0.00
5) Phenol-d6	6.59	99	12519	1.66	ng	0.00
8) Nitrobenzene-d5	8.52	82	13406	1.73	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	26513	1.71	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	2863	1.64	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	36084	1.67	ng	0.00
25) Fluoranthene-d10	18.82	212	208505	1.78	ng	0.00
29) Terphenyl-d14	19.43	244	39780	1.68	ng	0.00

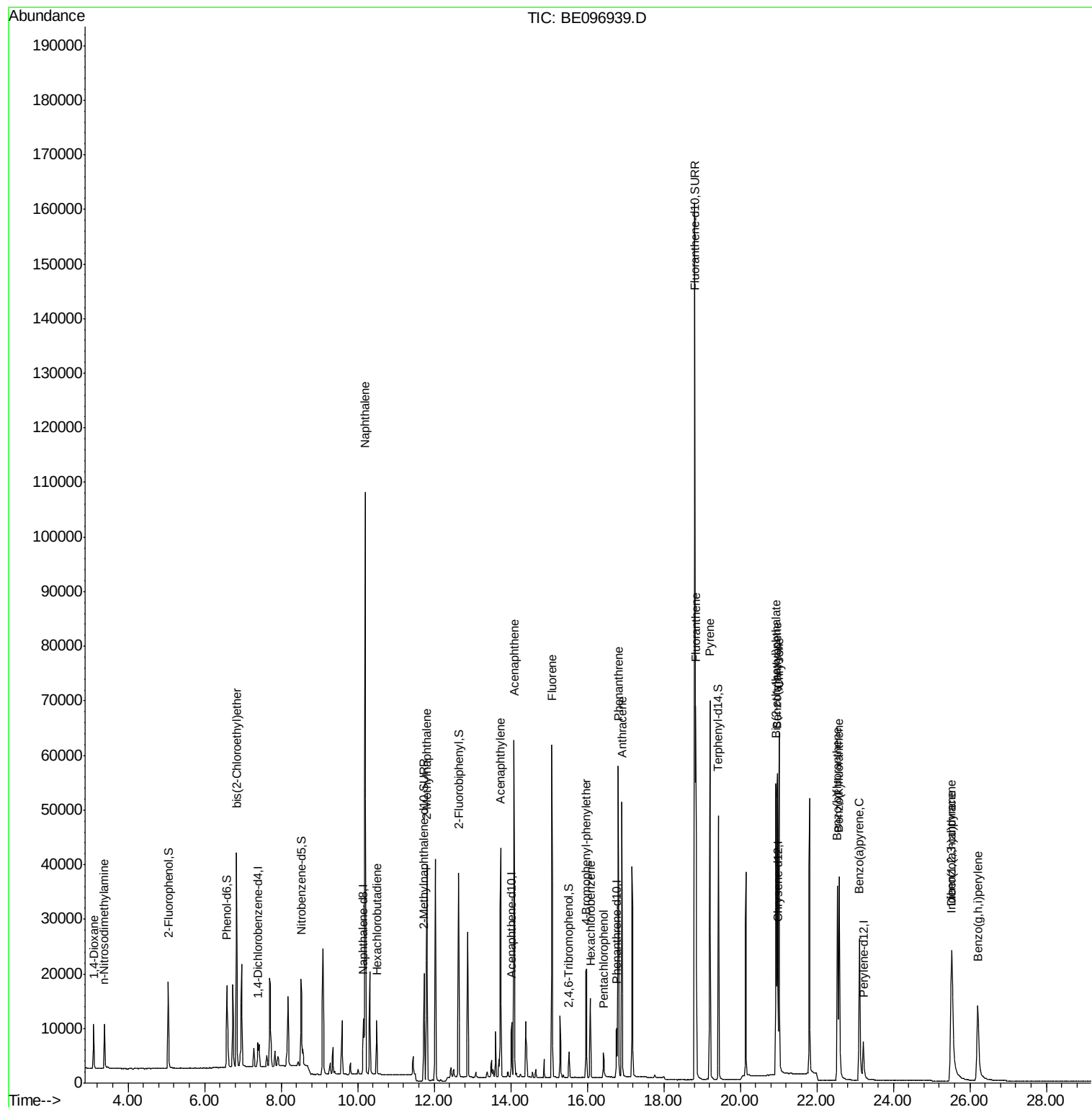
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	4593	1.553	ng	# 87
3) n-Nitrosodimethylamine	3.37	42	5604	1.684	ng	# 91
6) bis(2-Chloroethyl)ether	6.84	93	12139	1.640	ng	96
9) Naphthalene	10.20	128	160031	1.679	ng	99
10) Hexachlorobutadiene	10.50	225	6538	1.696	ng	97
12) 2-Methylnaphthalene	11.81	142	27576	1.706	ng	99
16) Acenaphthylene	13.74	152	46297	1.744	ng	100
17) Acenaphthene	14.08	154	28235	1.711	ng	95
18) Fluorene	15.07	166	32758	1.768	ng	# 80
20) 4-Bromophenyl-phenylether	15.98	248	10869	1.710	ng	# 76
21) Hexachlorobenzene	16.09	284	11865	1.681	ng	# 80
22) Pentachlorophenol	16.43	266	2665	1.600	ng	# 71
23) Phenanthrene	16.81	178	54656	1.698	ng	99
24) Anthracene	16.90	178	49997	1.785	ng	95
26) Fluoranthene	18.84	202	61317	1.806	ng	99
28) Pyrene	19.21	202	59632	1.642	ng	99
30) Benzo(a)anthracene	20.97	228	52337	1.787	ng	95
31) Chrysene	21.02	228	54394	1.656	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	54475	1.863	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	43082	1.711	ng	96
35) Benzo(b)fluoranthene	22.54	252	45956	1.823	ng	# 86
36) Benzo(k)fluoranthene	22.58	252	54834	1.829	ng	97
37) Benzo(a)pyrene	23.11	252	42136	1.869	ng	# 94
38) Dibenzo(a,h)anthracene	25.53	278	35596	1.803	ng	96
39) Benzo(g,h,i)perylene	26.21	276	37668	1.697	ng	# 92

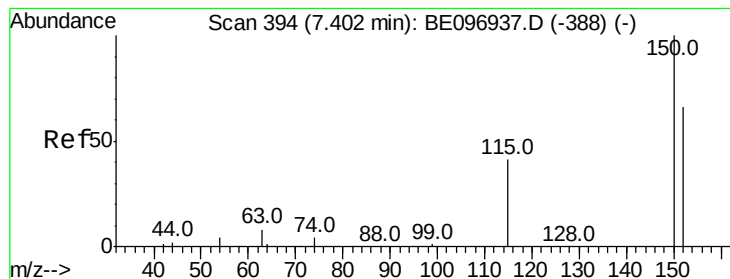
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 16 16:27:17 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. -0.01 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

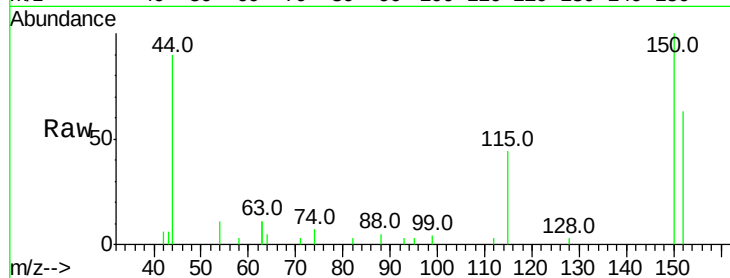
Tot Ion:152 Resp: 2066

Ion Ratio Lower Upper

152 100

150 158.9 117.2 175.8

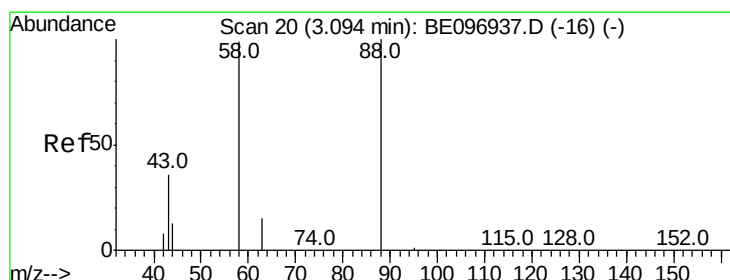
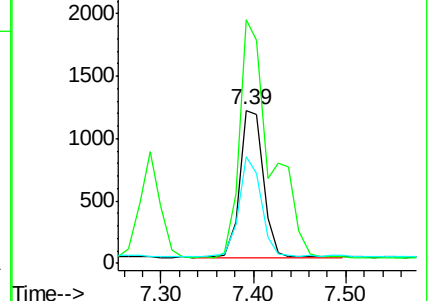
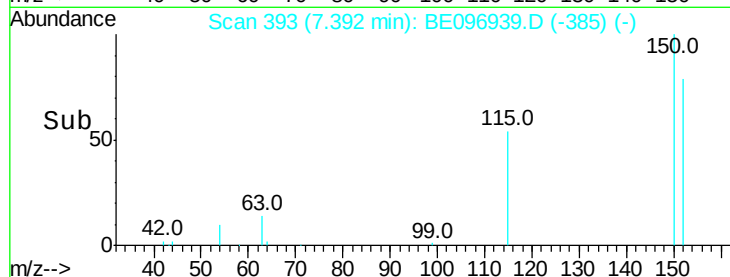
115 69.7 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.553 ng

RT: 3.10 min Scan# 20

Delta R.T. 0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

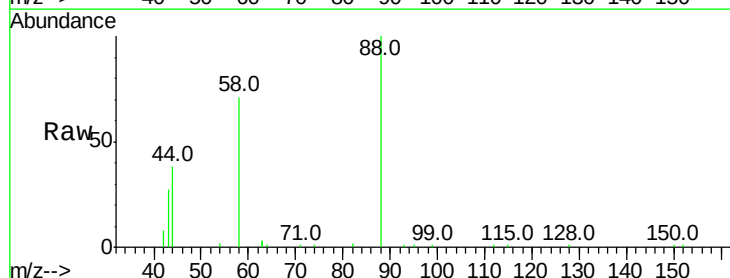
Tgt Ion: 88 Resp: 4593

Ion Ratio Lower Upper

88 100

58 82.6 63.2 94.8

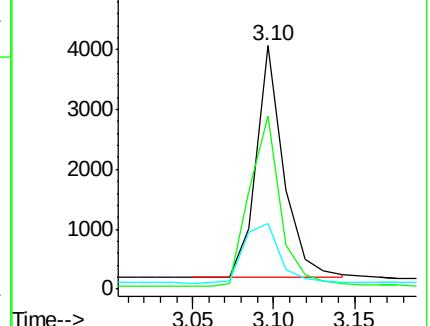
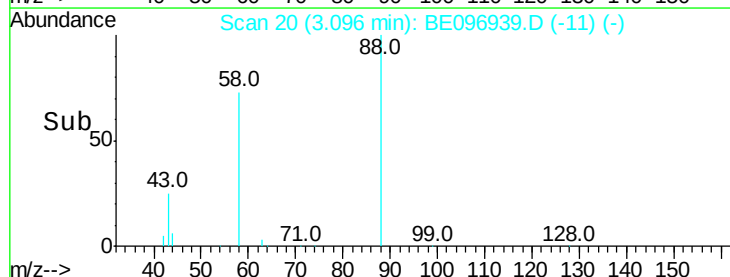
43 33.3 41.2 61.8#

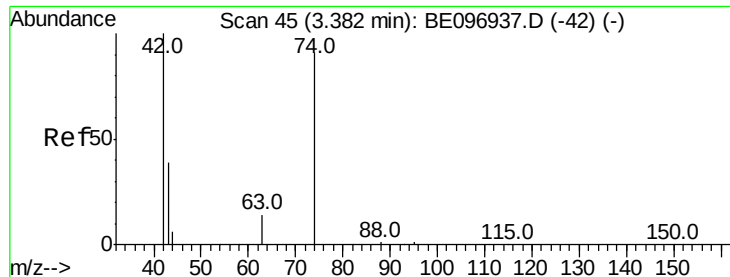


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.684 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

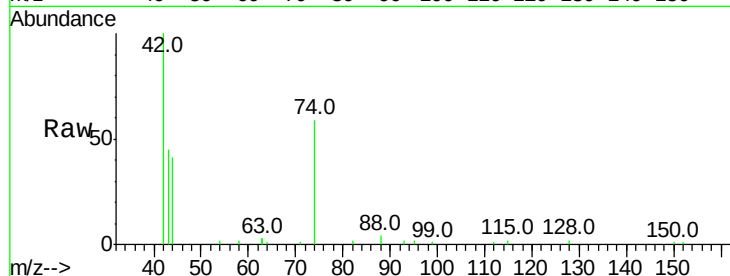
Tot Ion: 42 Resp: 5604

Ion Ratio Lower Upper

42 100

74 110.0 96.0 144.0

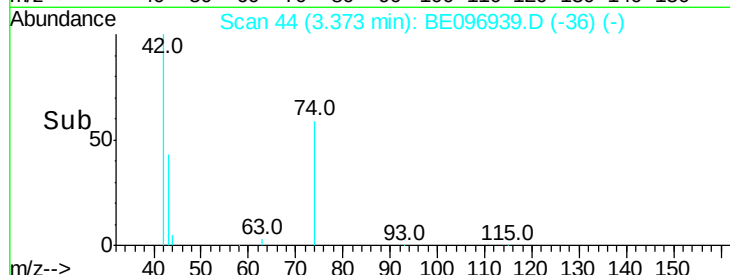
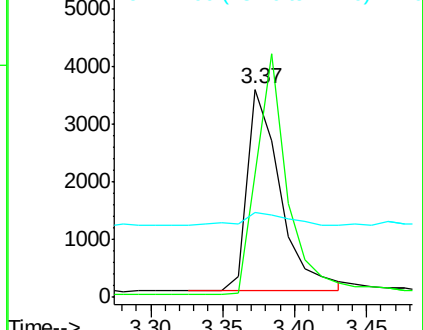
44 9.4 12.0 18.0#



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: 1.632 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

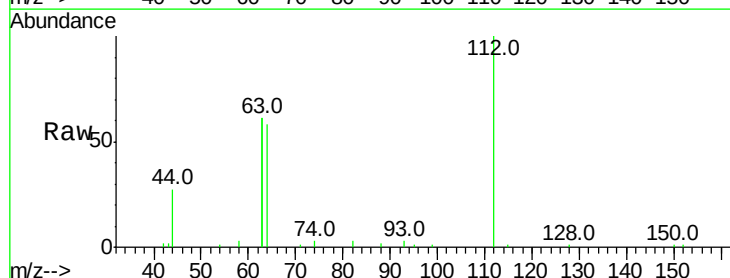
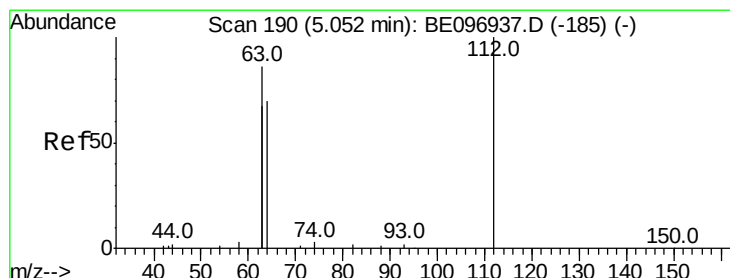
Tgt Ion: 112 Resp: 8065

Ion Ratio Lower Upper

112 100

64 67.1 60.1 90.1

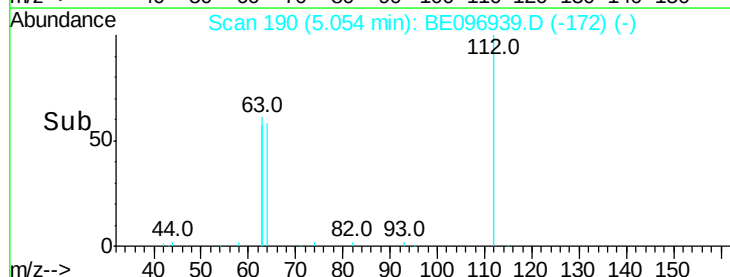
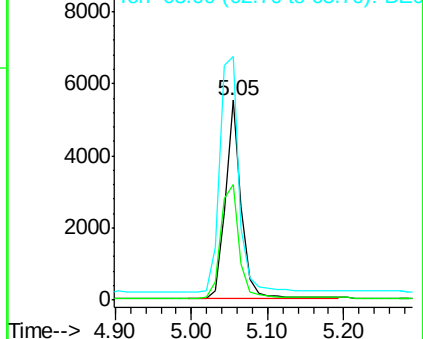
63 145.5 116.8 175.2

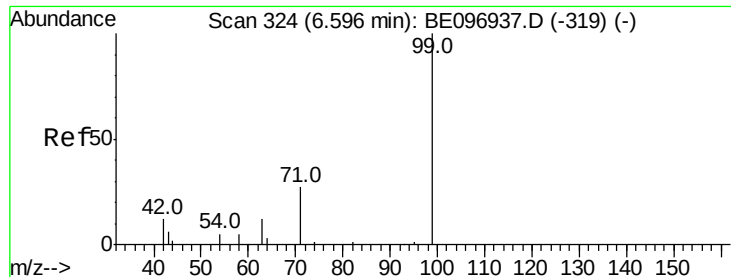


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.660 ng

RT: 6.59 min Scan# 323

Delta R.T. -0.01 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

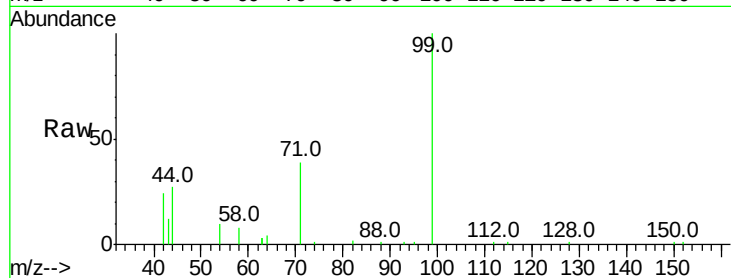
Tot Ion: 99 Resp: 12519

Ion Ratio Lower Upper

99 100

42 23.7 20.2 30.2

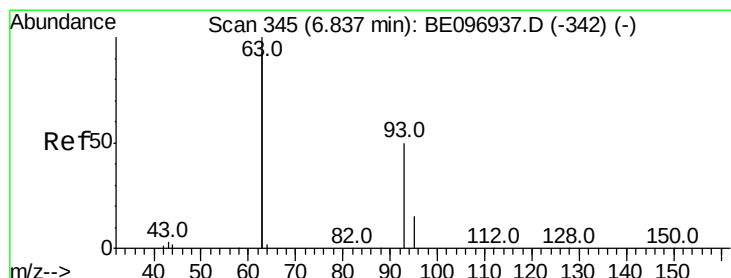
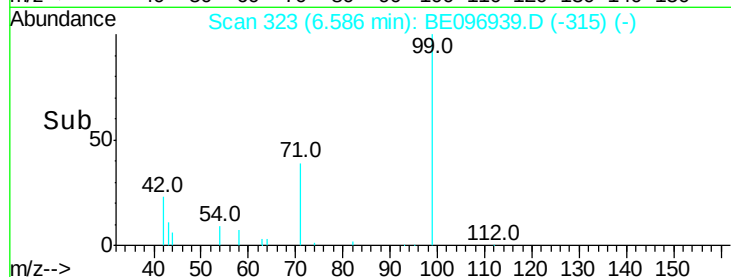
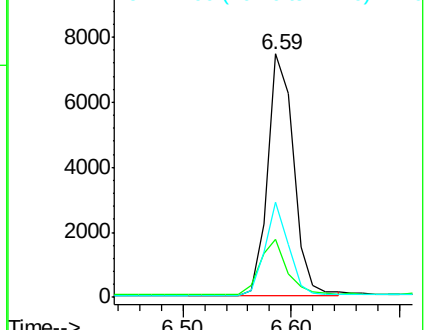
71 35.5 28.4 42.6



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: 1.640 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

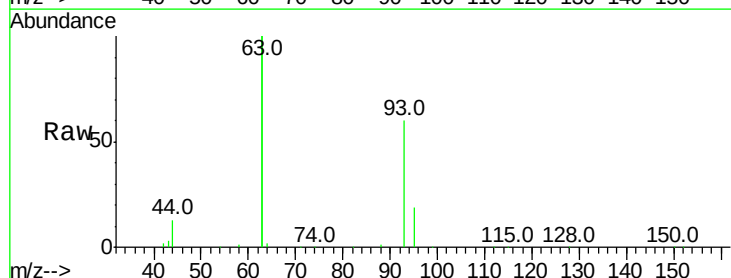
Tgt Ion: 93 Resp: 12139

Ion Ratio Lower Upper

93 100

63 335.8 275.3 412.9

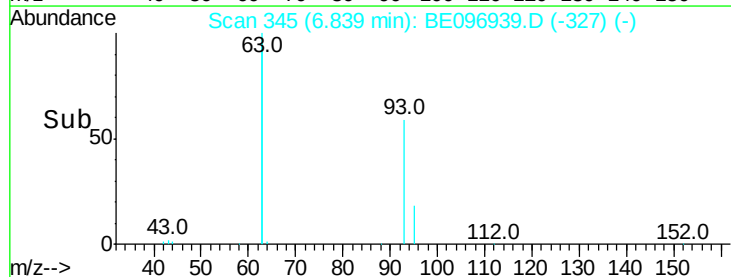
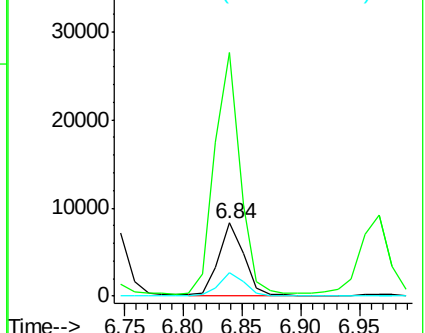
95 31.6 25.2 37.8

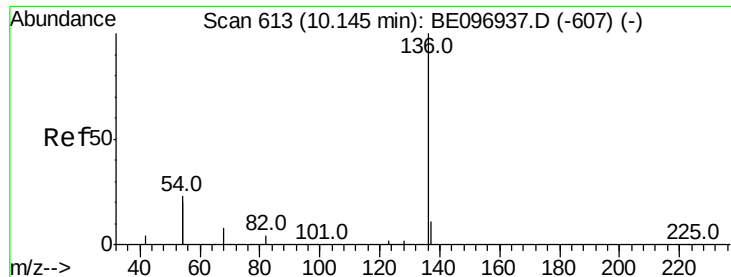


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 10649

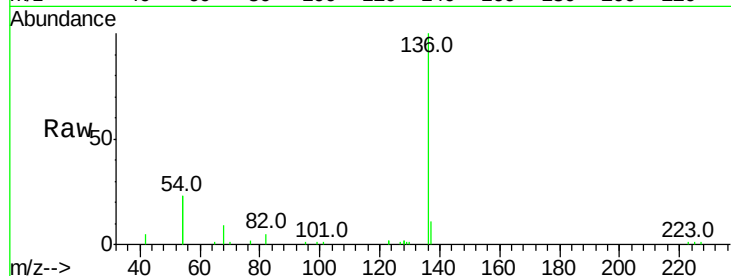
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 45.7 29.1 43.7#

68 8.7 6.2 9.2

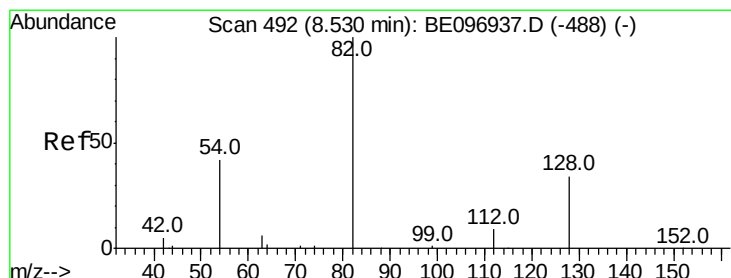
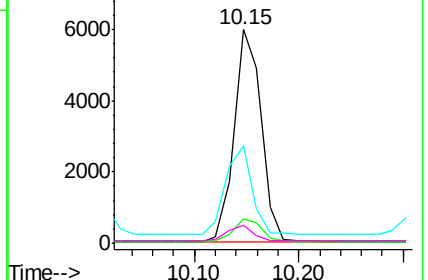
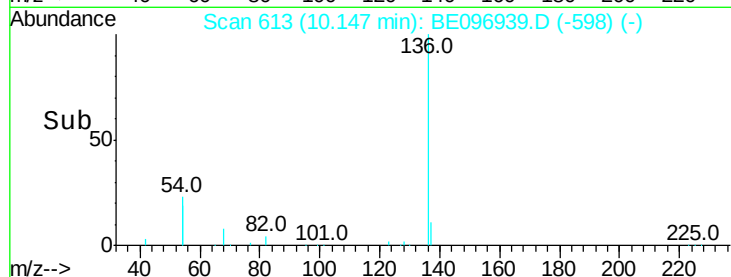


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.726 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.01 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

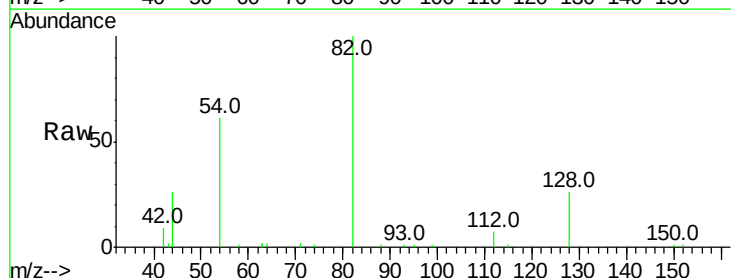
Tgt Ion: 82 Resp: 13406

Ion Ratio Lower Upper

82 100

128 26.0 24.0 36.0

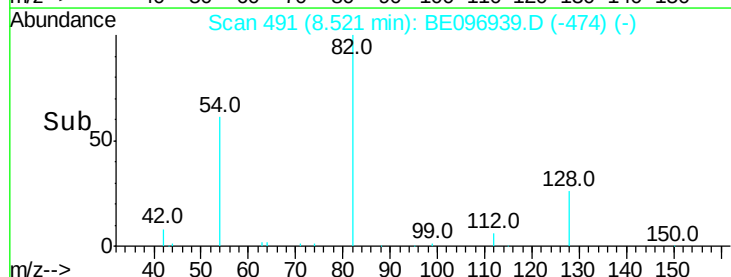
54 60.8 40.0 60.0#



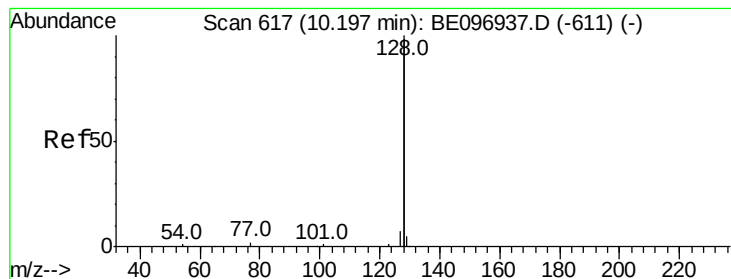
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 1.679 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

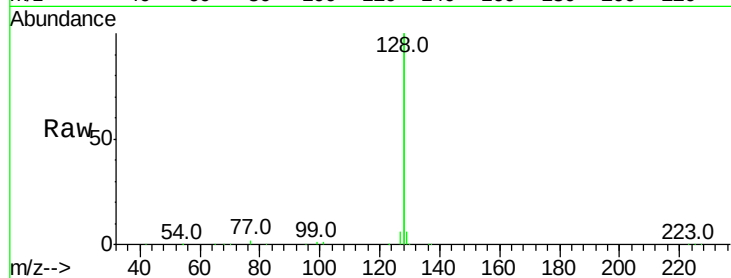
Tot Ion:128 Resp: 160031

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

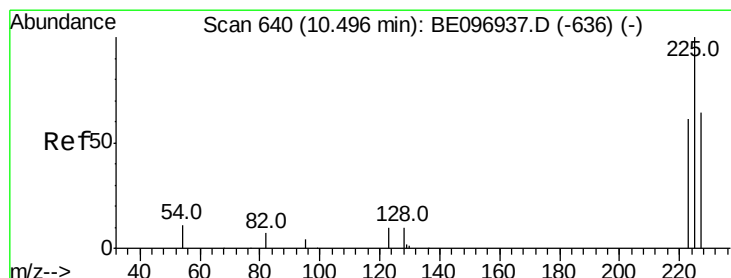
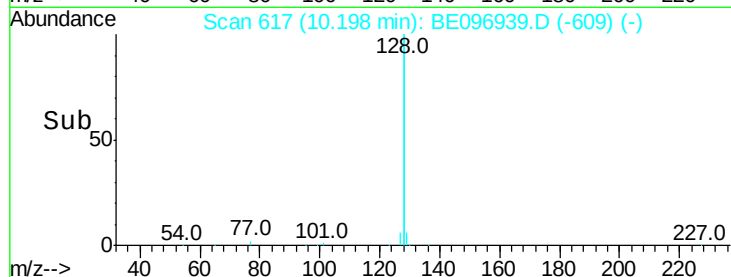
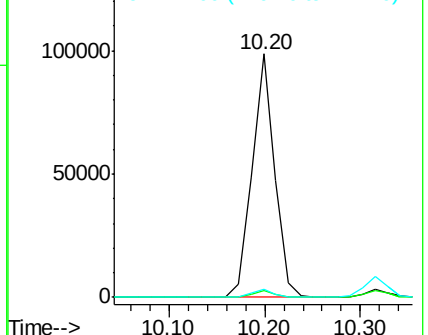
127 3.2 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 1.696 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

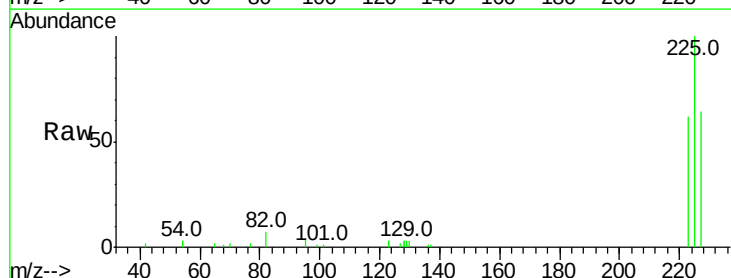
Tgt Ion:225 Resp: 6538

Ion Ratio Lower Upper

225 100

223 62.6 53.0 79.6

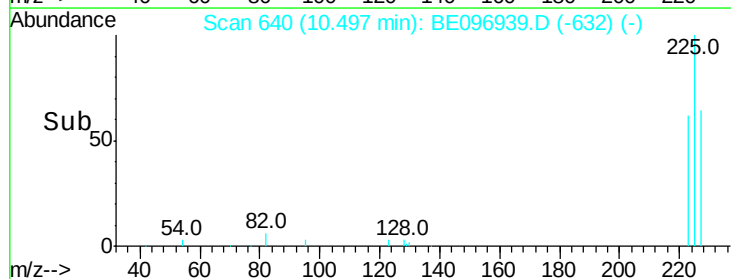
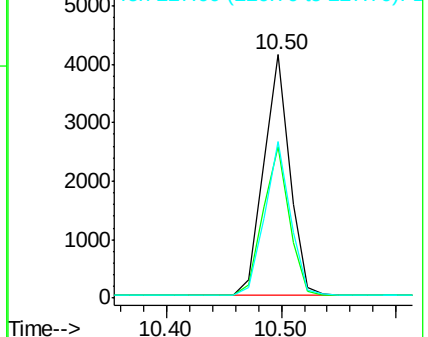
227 63.2 51.4 77.2

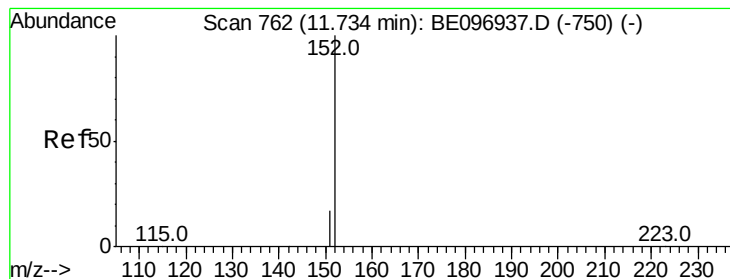


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.708 ng

RT: 11.74 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

Instrument :

BNA_E

ClientSampleId :

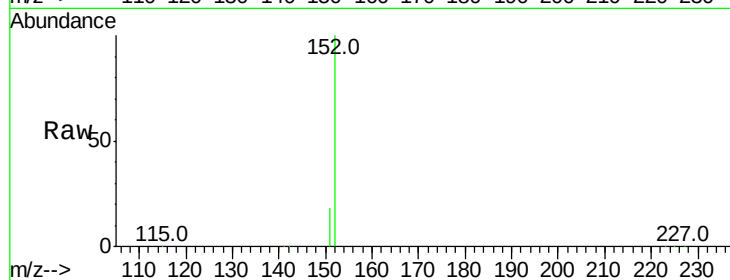
SSTDICC1.6

Tot Ion:152 Resp: 26513

Ion Ratio Lower Upper

152 100

151 19.1 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

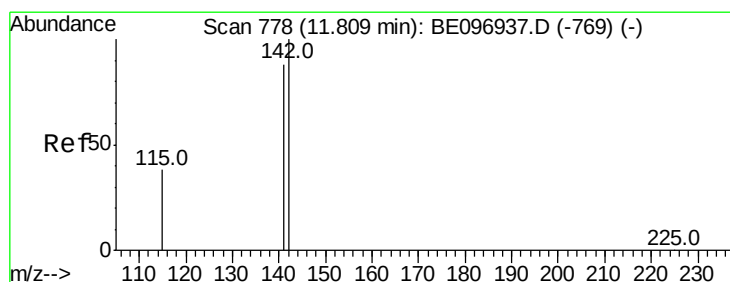
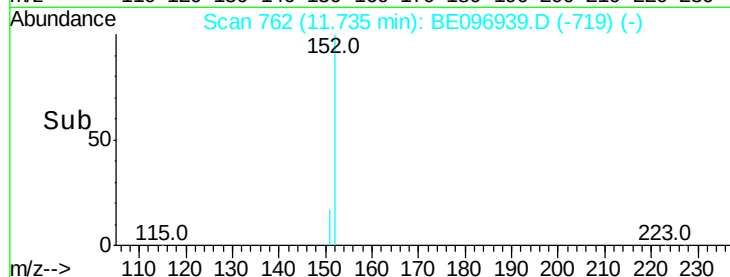
15000

10000

5000

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 1.706 ng

RT: 11.81 min Scan# 777

Delta R.T. -0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

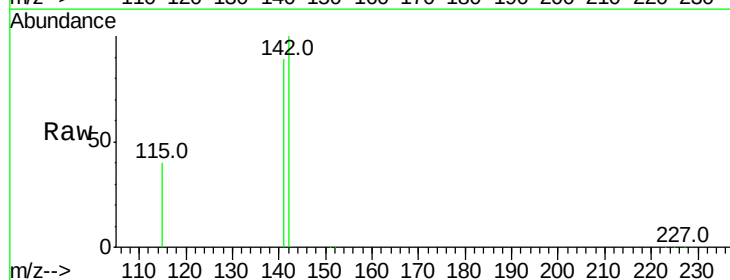
Tgt Ion:142 Resp: 27576

Ion Ratio Lower Upper

142 100

141 89.4 70.4 105.6

115 40.0 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

20000

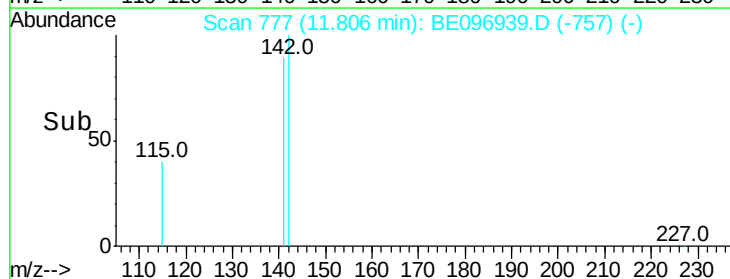
15000

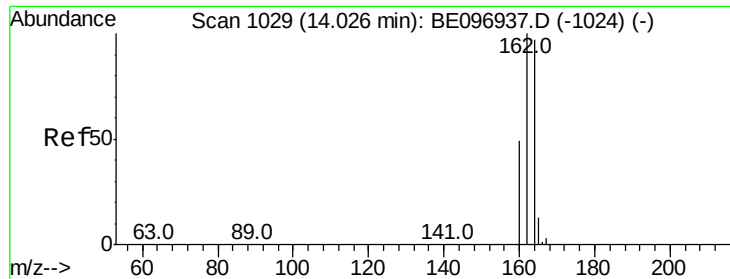
10000

5000

0

Time--> 11.70 11.80 11.90

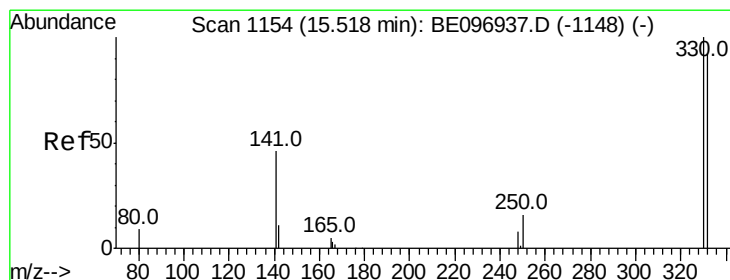
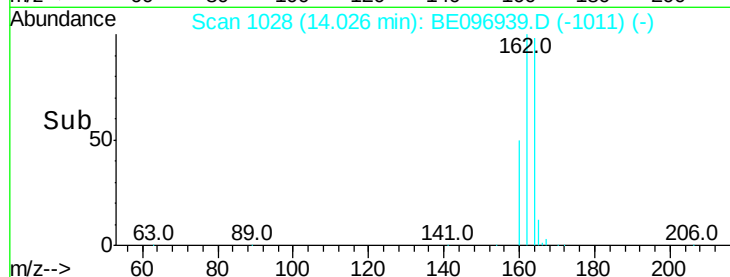
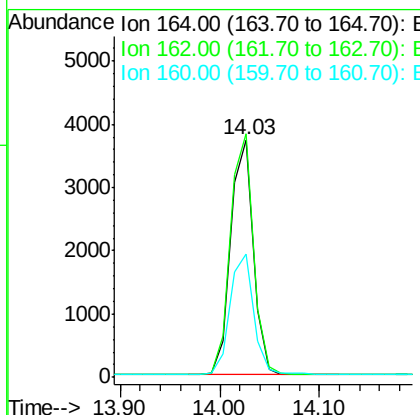
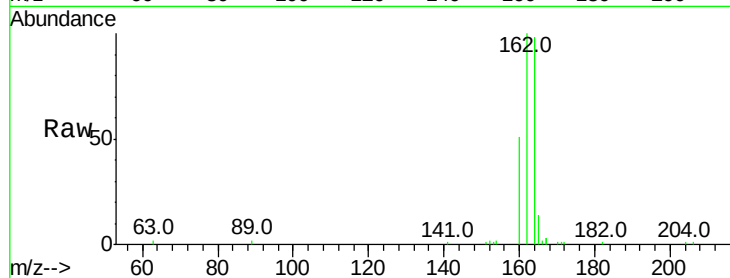




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE096939.D
Acq: 16 Jul 2018 14:51

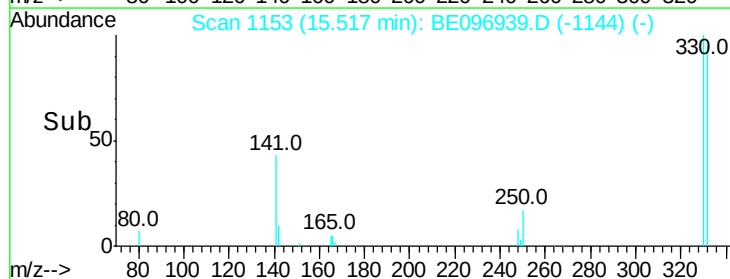
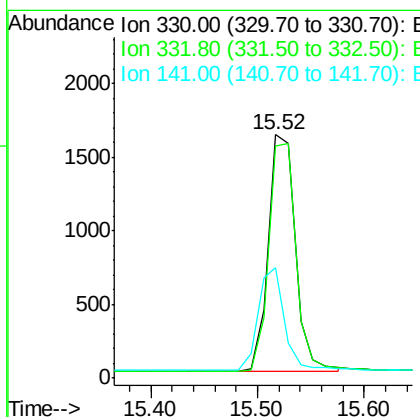
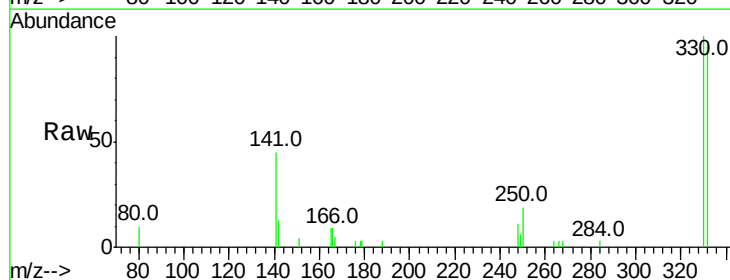
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

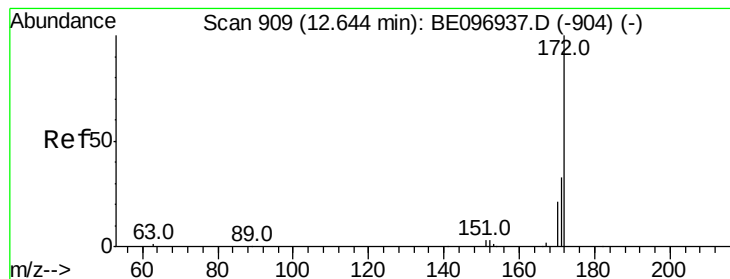
Tot Ion:164 Resp: 5813
Ion Ratio Lower Upper
164 100
162 102.4 83.1 124.7
160 51.9 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 1.639 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE096939.D
Acq: 16 Jul 2018 14:51

Tgt Ion:330 Resp: 2863
Ion Ratio Lower Upper
330 100
332 95.9 152.7 229.1#
141 41.8 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 1.669 ng

RT: 12.64 min Scan# 908

Delta R.T. 0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

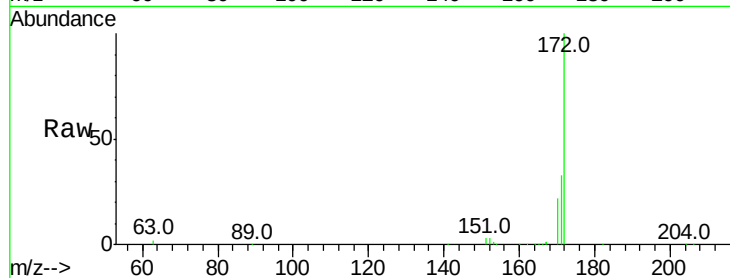
Tot Ion:172 Resp: 36084

Ion Ratio Lower Upper

172 100

171 33.0 29.9 44.9

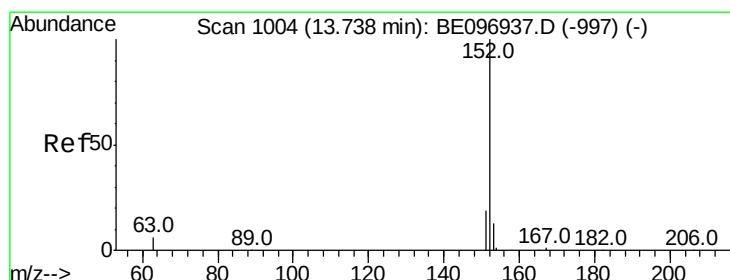
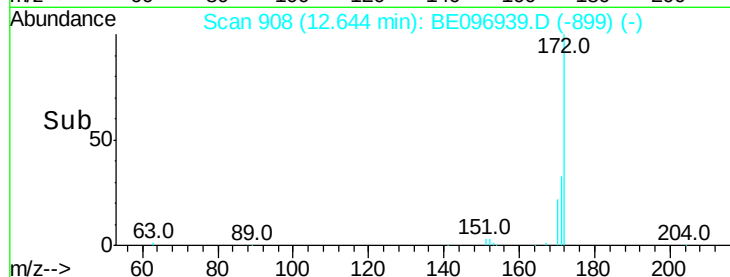
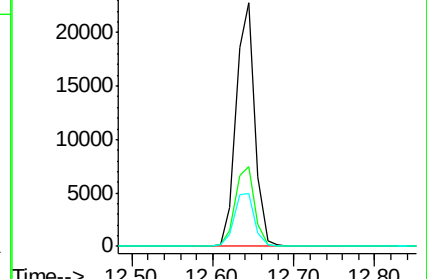
170 22.0 21.8 32.8



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: 1.744 ng

RT: 13.74 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

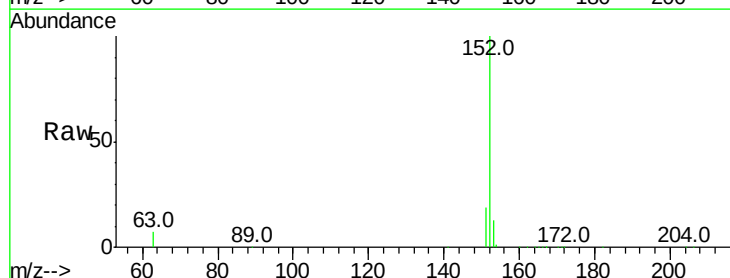
Tgt Ion:152 Resp: 46297

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

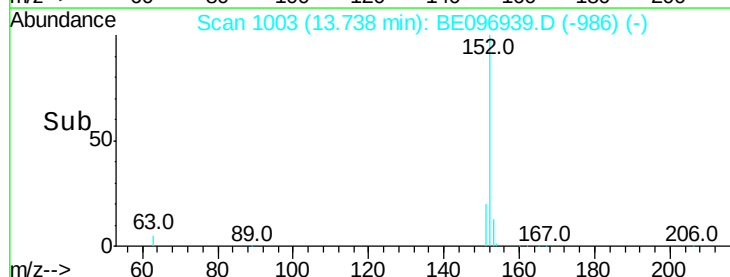
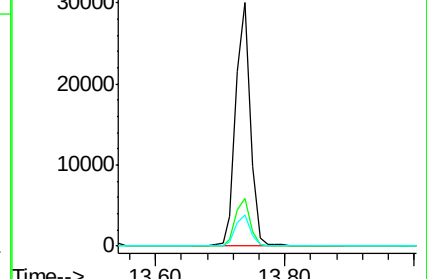
153 12.9 10.5 15.7

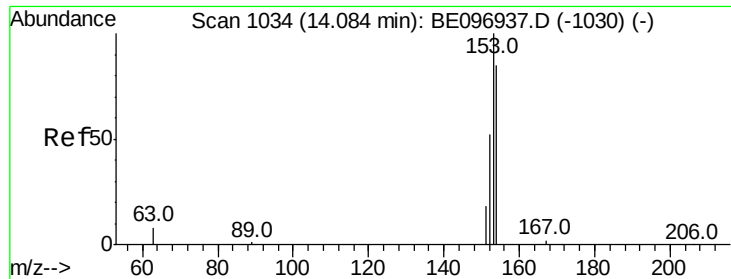


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 1.711 ng

RT: 14.08 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

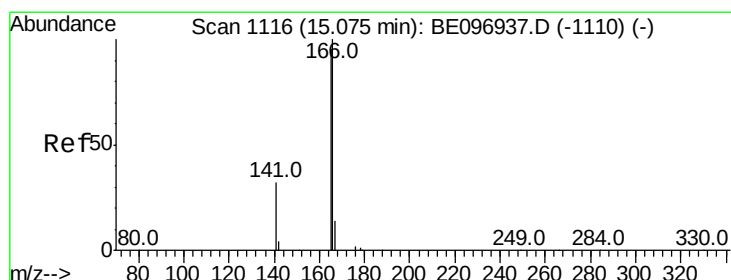
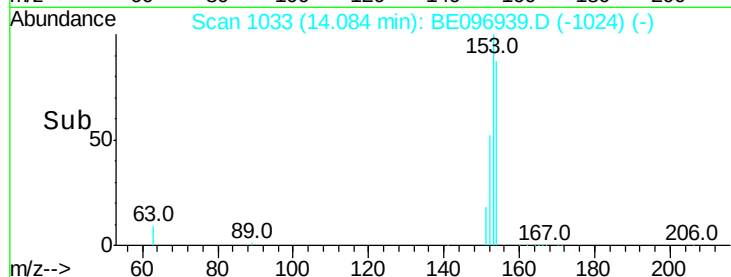
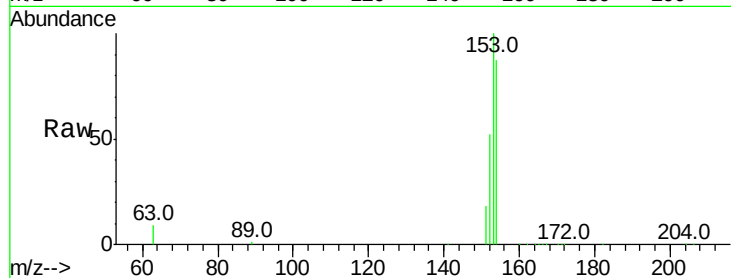
Tot Ion:154 Resp: 28235

Ion Ratio Lower Upper

154 100

153 114.2 89.2 133.8

152 59.9 42.0 63.0



#18

Fluorene

Concen: 1.768 ng

RT: 15.07 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

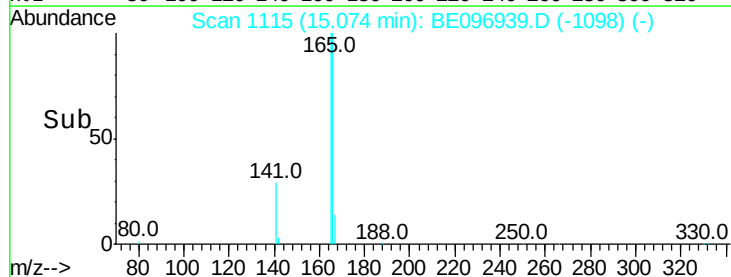
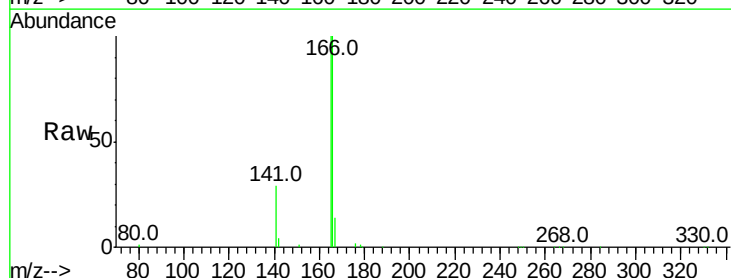
Tgt Ion:166 Resp: 32758

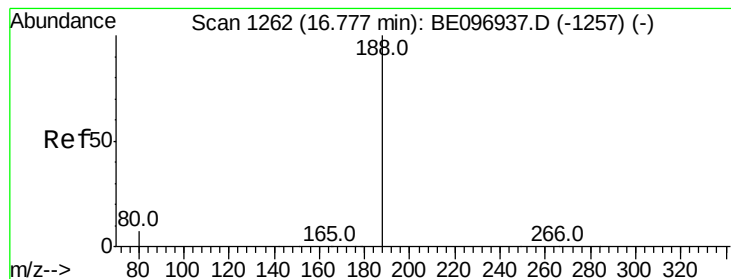
Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.6

167 14.2 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

Instrument :

BNA_E

ClientSampled :

SSTDICC1.6

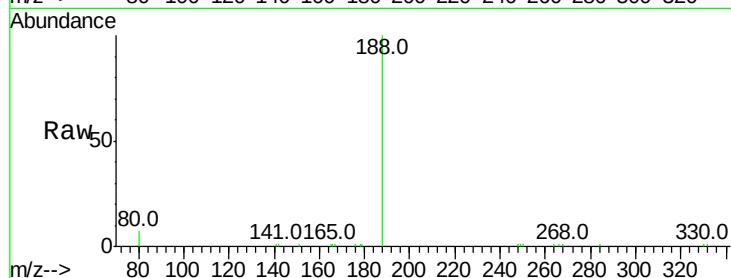
Tot Ion:188 Resp: 13438

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

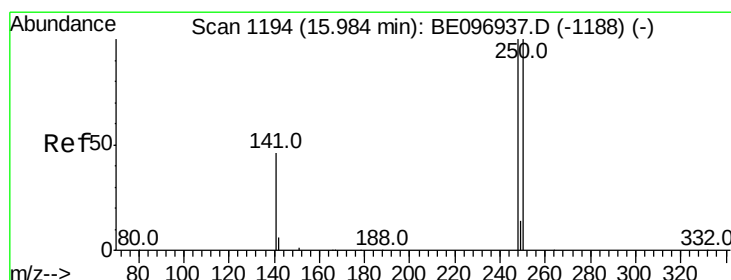
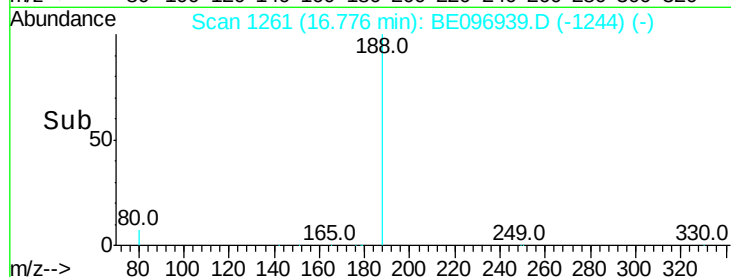
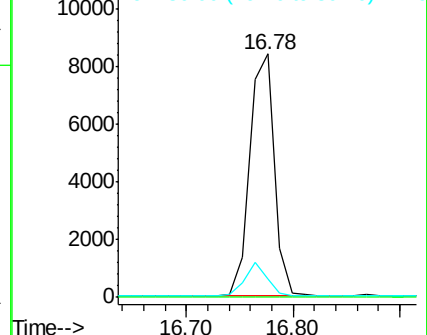
80 7.4 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 1.710 ng

RT: 15.98 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

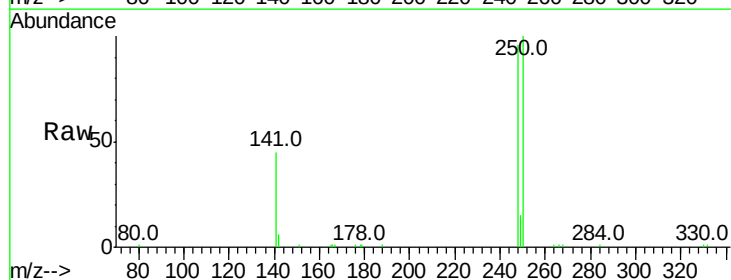
Tgt Ion:248 Resp: 10869

Ion Ratio Lower Upper

248 100

250 103.6 62.7 94.1#

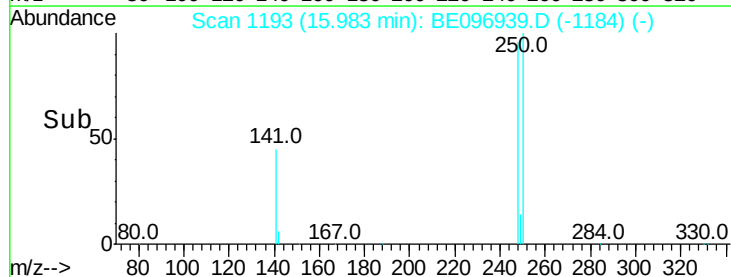
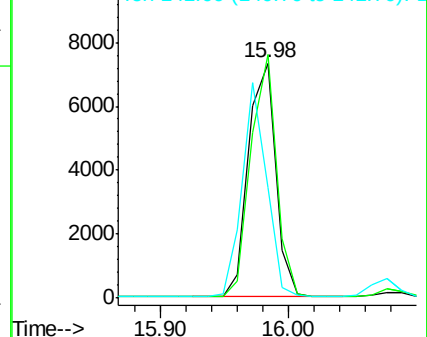
141 47.1 48.2 72.2#

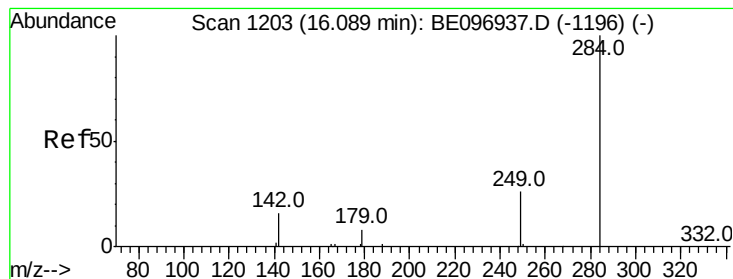


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.681 ng

RT: 16.09 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

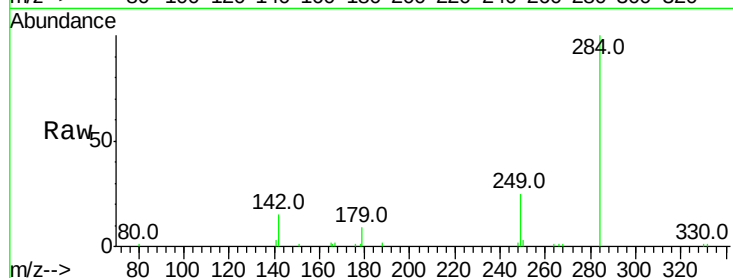
Tot Ion:284 Resp: 11865

Ion Ratio Lower Upper

284 100

142 38.9 22.1 33.1#

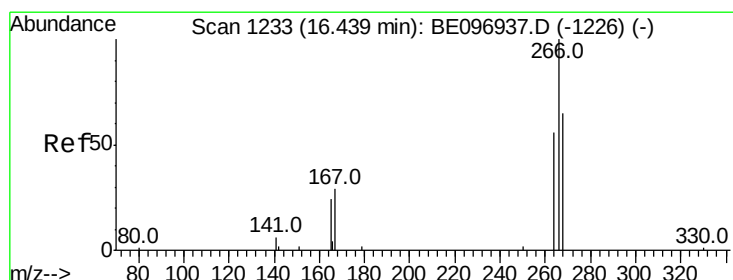
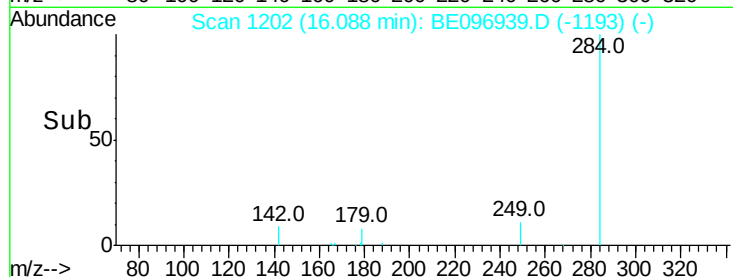
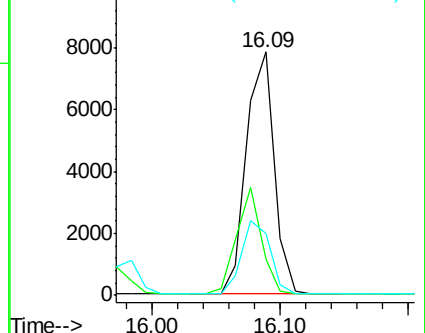
249 31.0 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 1.600 ng

RT: 16.43 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

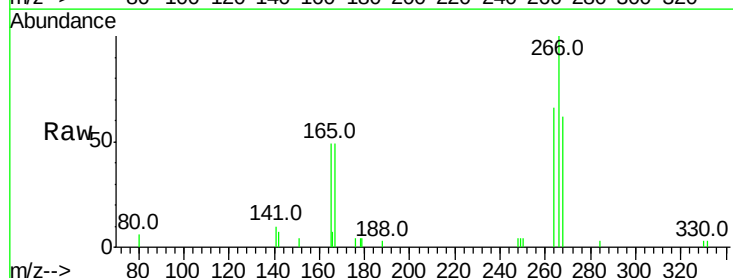
Tgt Ion:266 Resp: 2665

Ion Ratio Lower Upper

266 100

264 65.9 72.5 108.7#

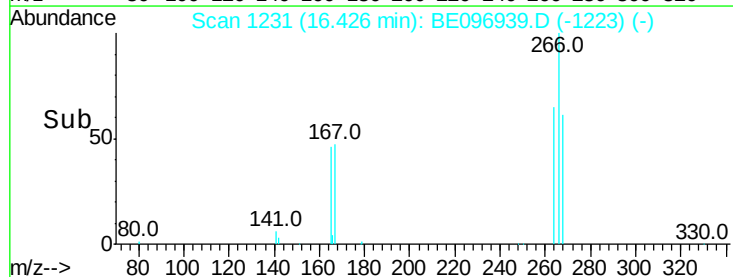
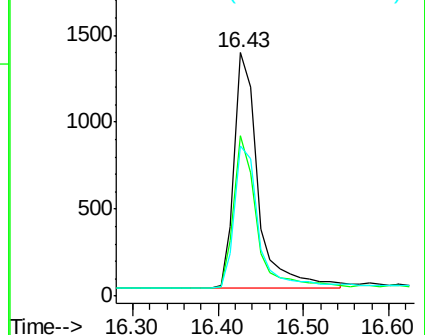
268 61.8 73.8 110.6#

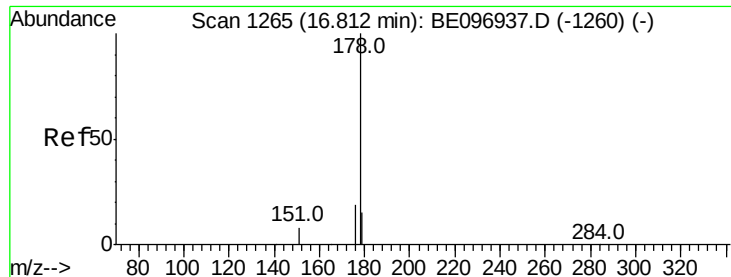


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.698 ng

RT: 16.81 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

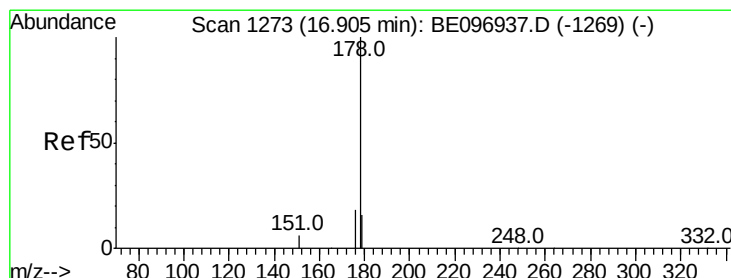
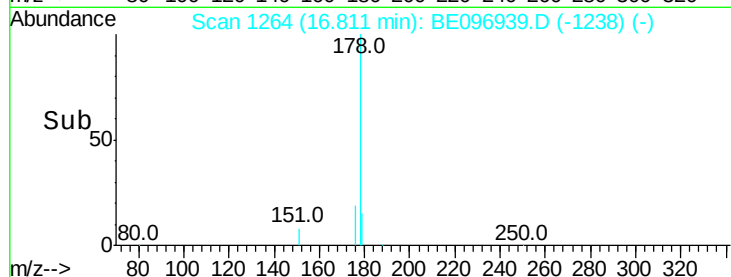
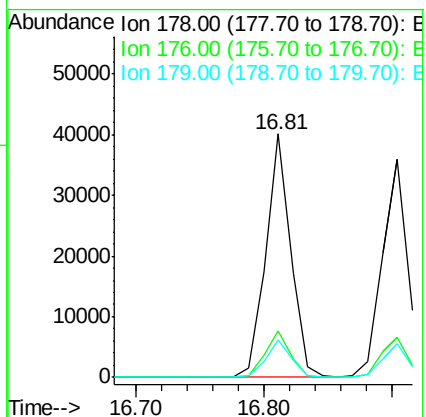
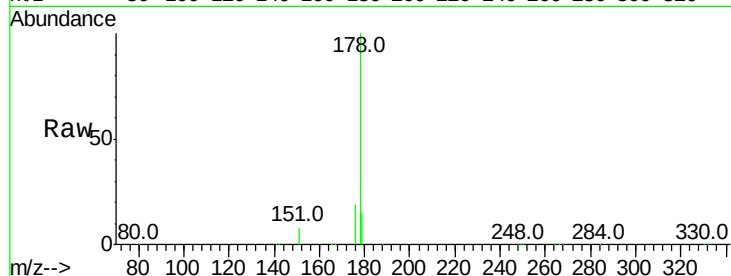
Tot Ion:178 Resp: 54656

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

179 15.2 11.8 17.6



#24

Anthracene

Concen: 1.785 ng

RT: 16.90 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

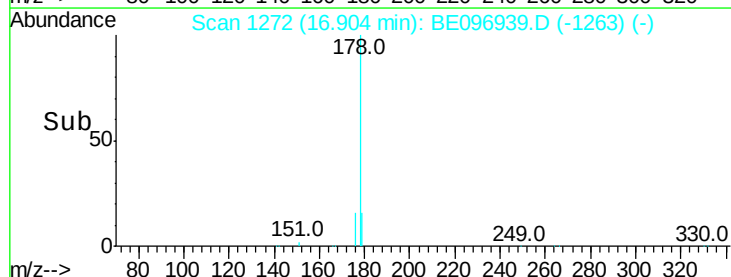
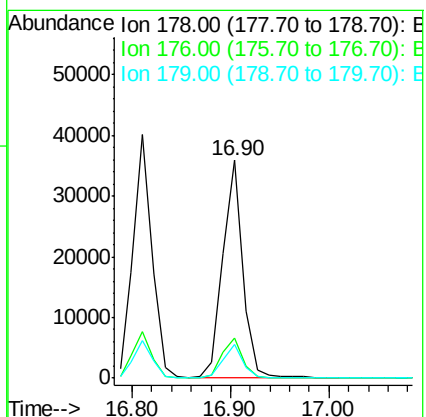
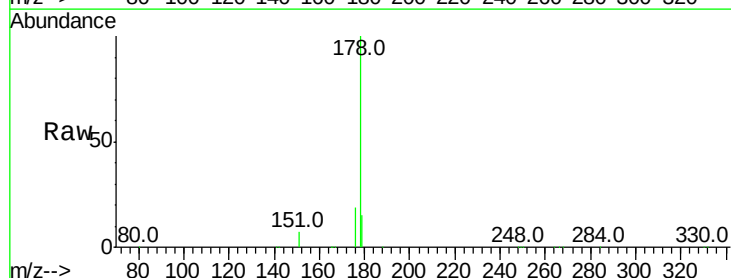
Tgt Ion:178 Resp: 49997

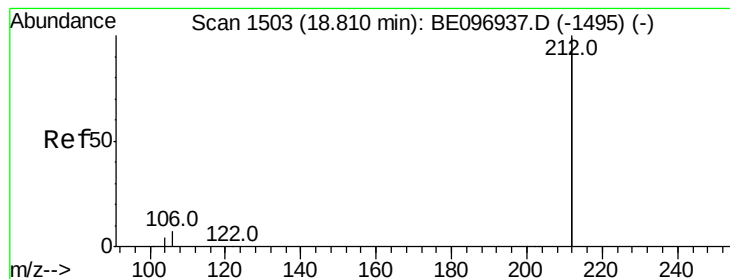
Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

179 15.2 13.0 19.6





#25

Fluoranthene-d10

Concen: 1.783 ng

RT: 18.82 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

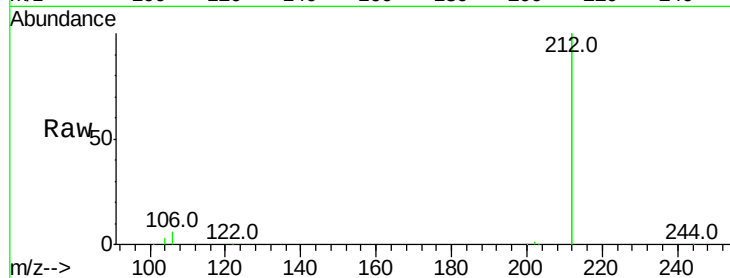
Tot Ion:212 Resp: 208505

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

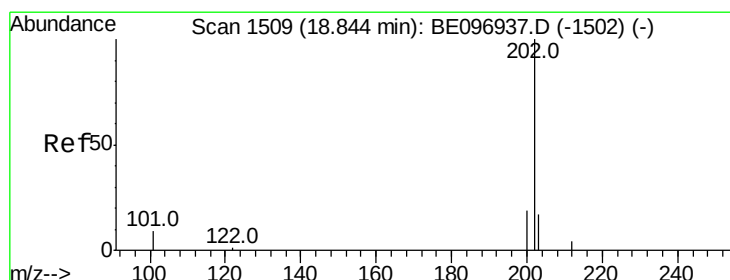
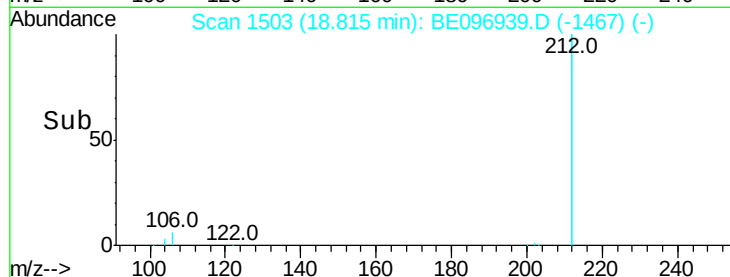
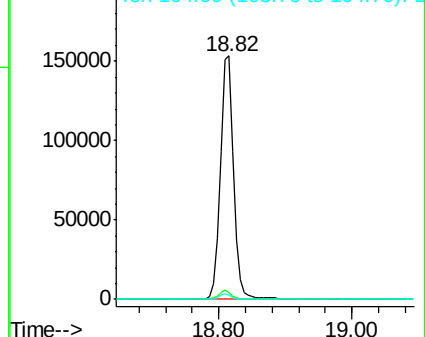
104 2.0 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 1.806 ng

RT: 18.84 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

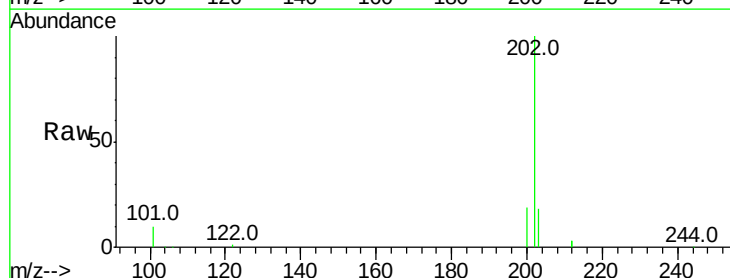
Tgt Ion:202 Resp: 61317

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.8

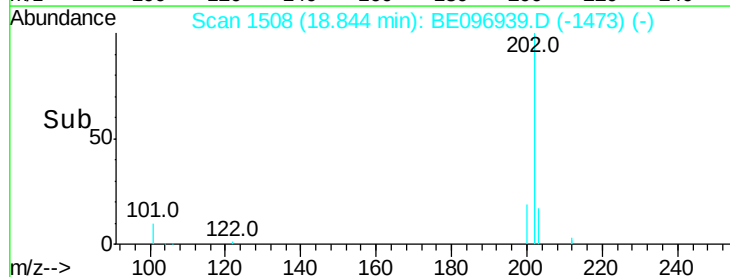
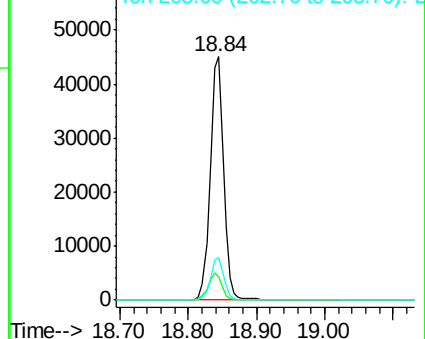
203 17.4 13.7 20.5

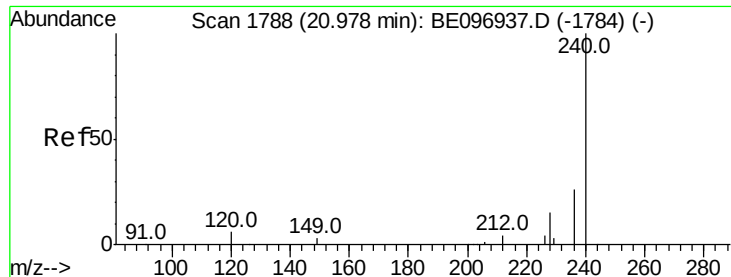


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

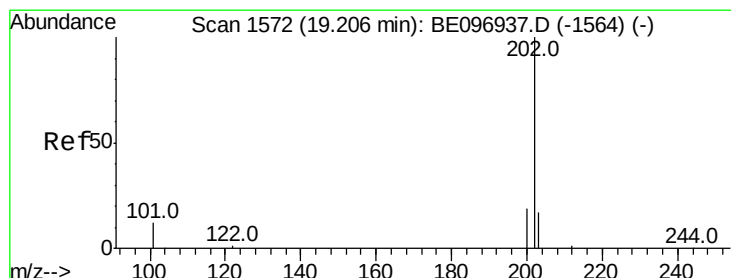
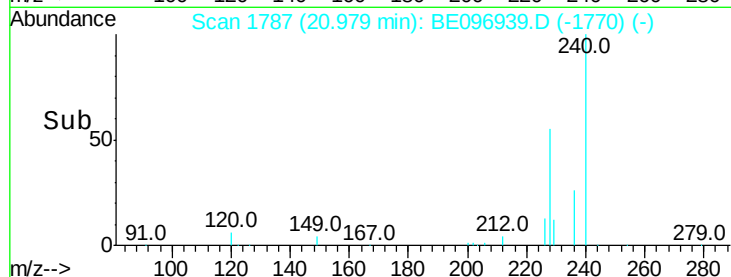
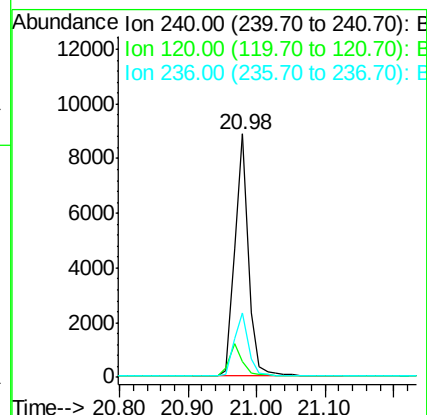
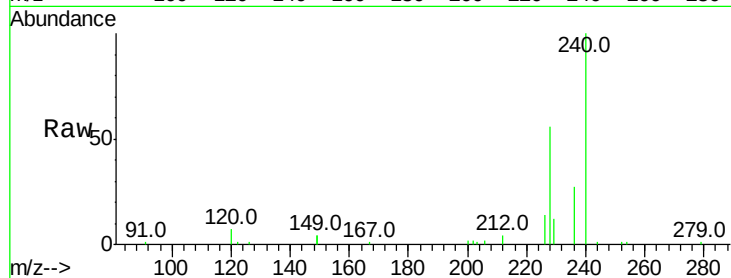




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BE096939.D
 Acq: 16 Jul 2018 14:51

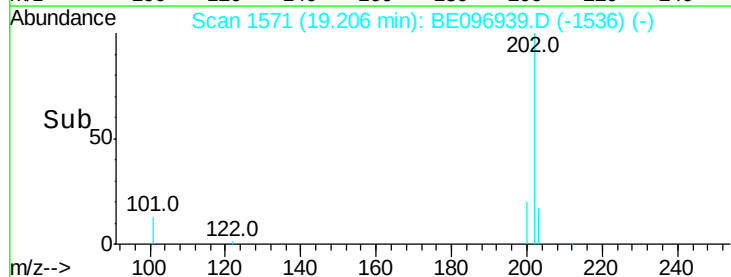
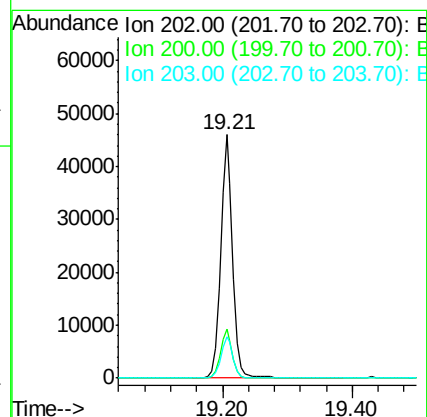
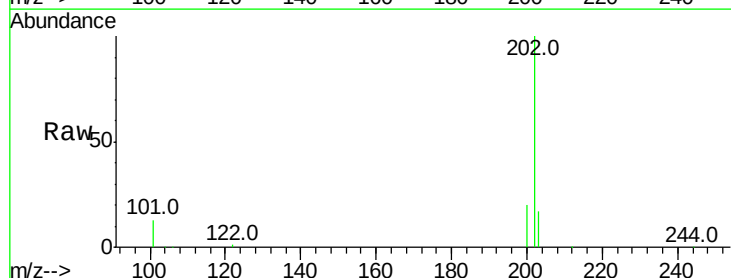
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

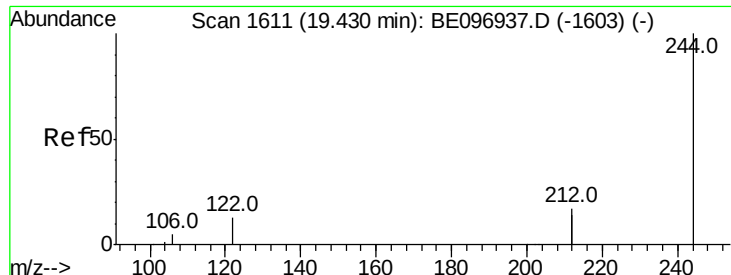
Tot Ion:240 Resp: 12300
 Ion Ratio Lower Upper
 240 100
 120 6.6 5.5 8.3
 236 26.6 20.7 31.1



#28
 Pyrene
 Concen: 1.642 ng
 RT: 19.21 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BE096939.D
 Acq: 16 Jul 2018 14:51

Tgt Ion:202 Resp: 59632
 Ion Ratio Lower Upper
 202 100
 200 19.9 16.6 25.0
 203 17.4 13.8 20.8





#29

Terphenyl-d14

Concen: 1.676 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

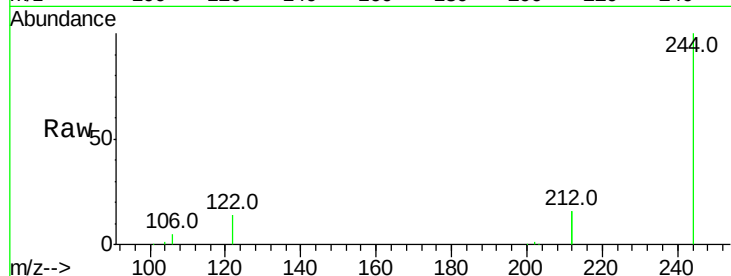
Tot Ion:244 Resp: 39780

Ion Ratio Lower Upper

244 100

212 32.5 25.4 38.0

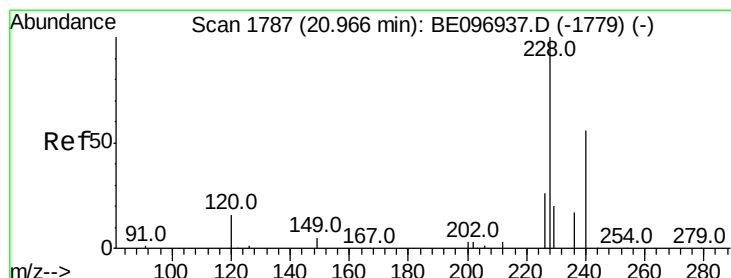
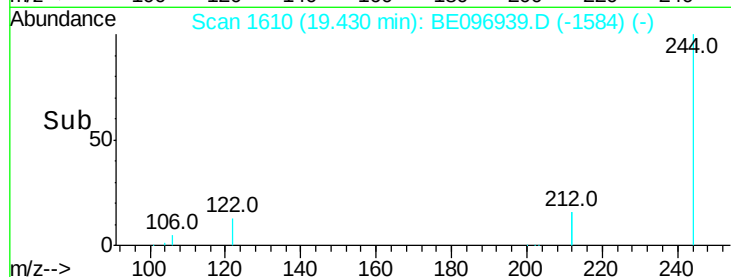
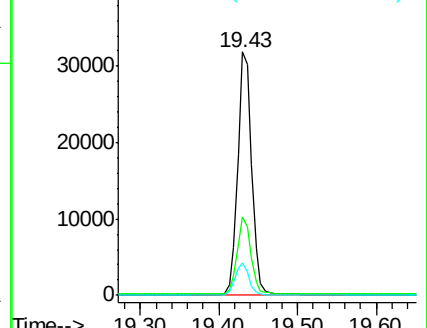
122 13.5 8.1 12.1#



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: 1.787 ng

RT: 20.97 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

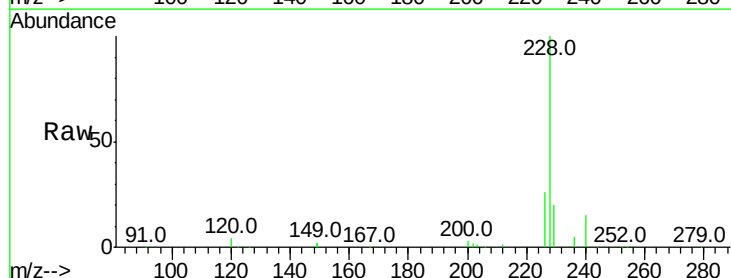
Tgt Ion:228 Resp: 52337

Ion Ratio Lower Upper

228 100

226 25.9 24.0 36.0

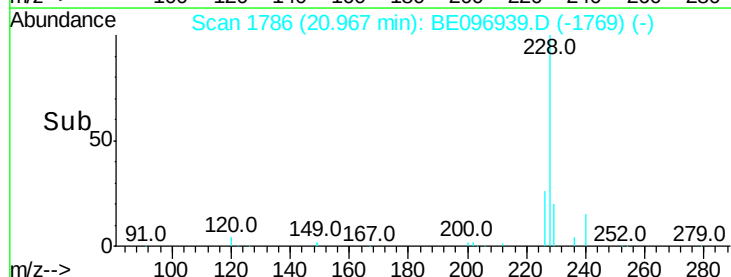
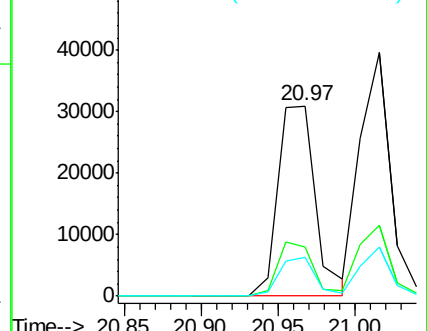
229 20.3 16.0 24.0

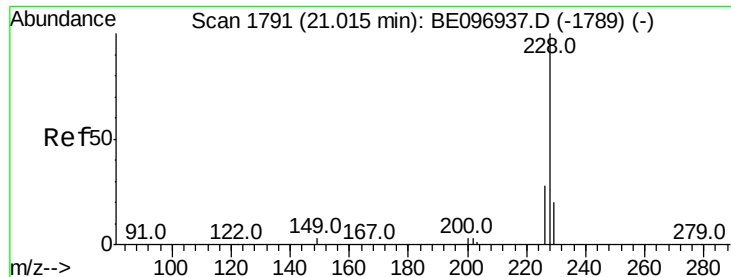


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.656 ng

RT: 21.02 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

Instrument :

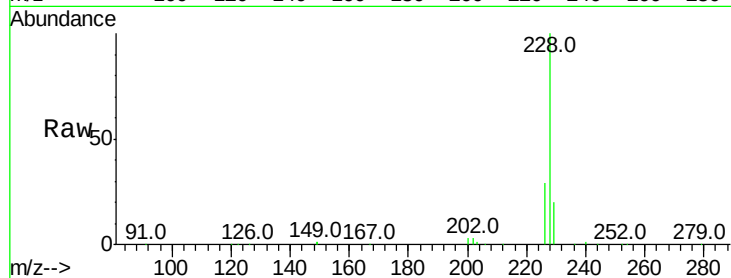
BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:228 Resp: 54394

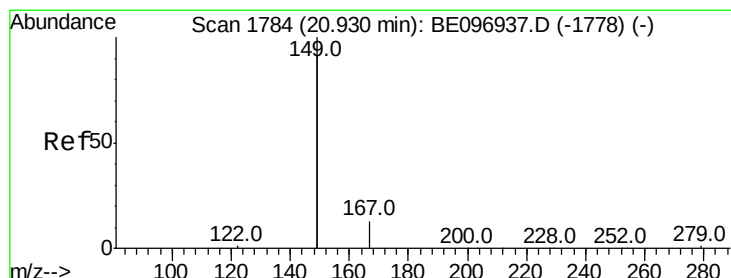
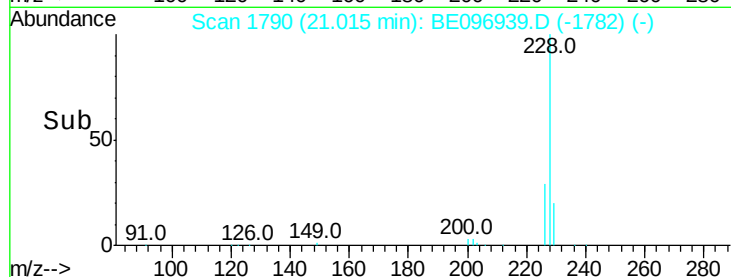
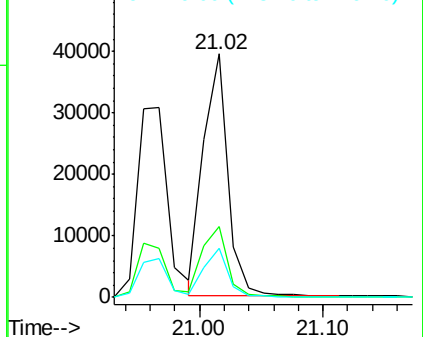
Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	19.9	16.0	24.0



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: 1.863 ng

RT: 20.93 min Scan# 1783

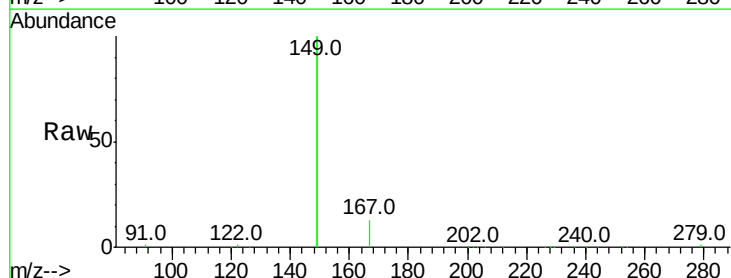
Delta R.T. 0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

Tgt Ion:149 Resp: 54475

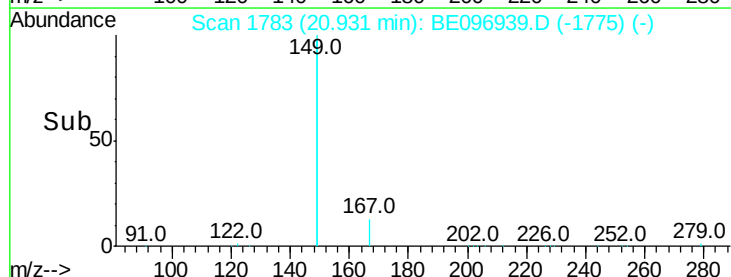
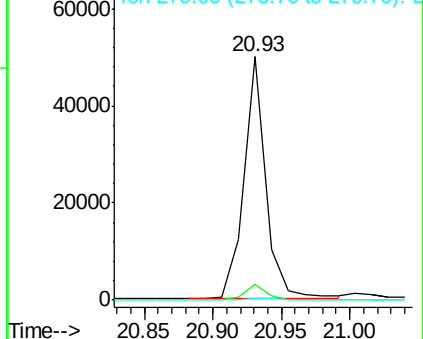
Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.8	0.7	1.1

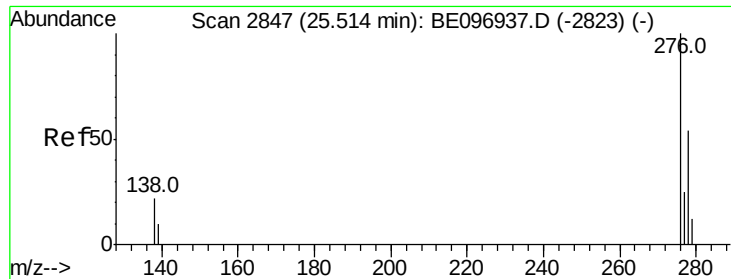


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.711 ng

RT: 25.51 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

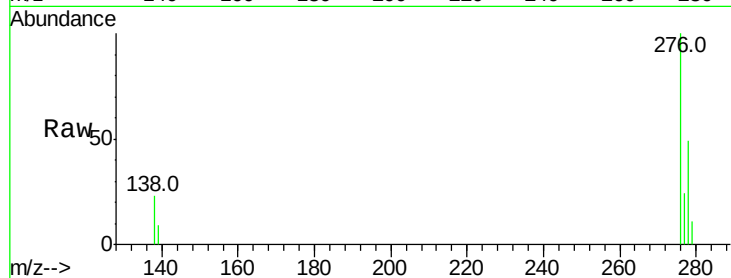
Tot Ion:276 Resp: 43082

Ion Ratio Lower Upper

276 100

138 24.3 22.5 33.7

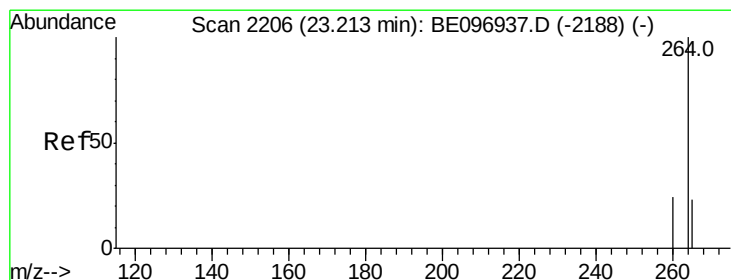
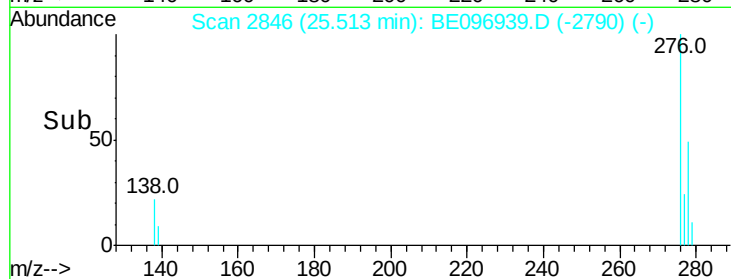
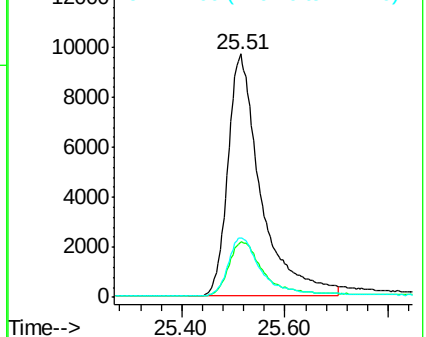
277 24.9 19.9 29.9



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# 2205

Delta R.T. 0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

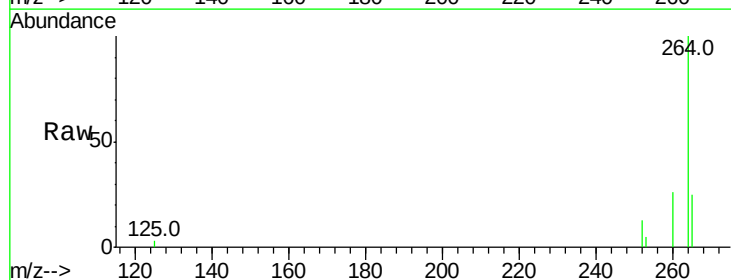
Tgt Ion:264 Resp: 9876

Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

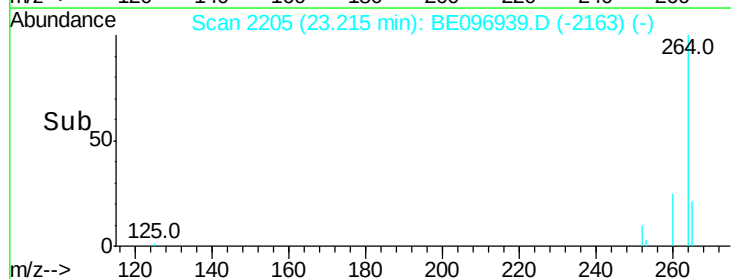
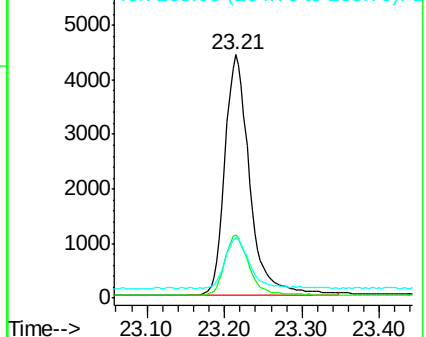
265 24.7 22.8 34.2

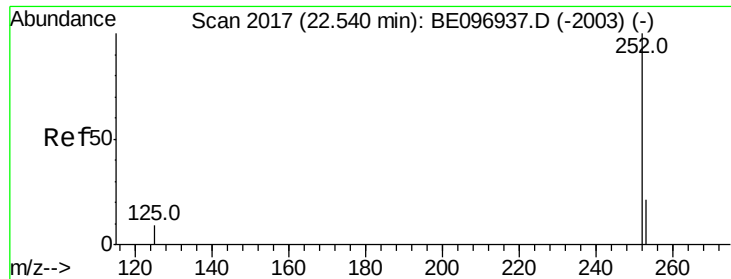


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

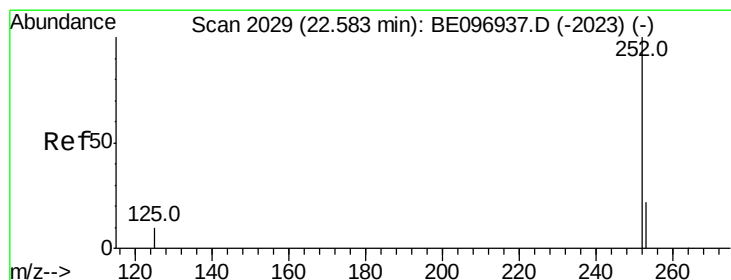
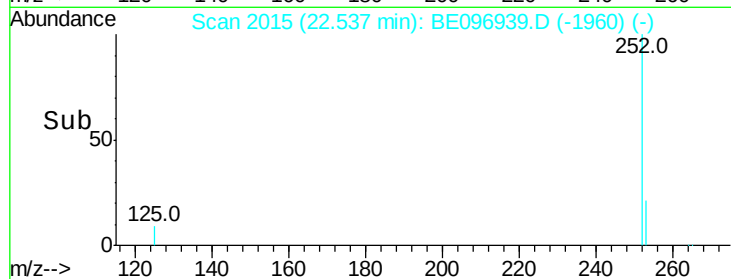
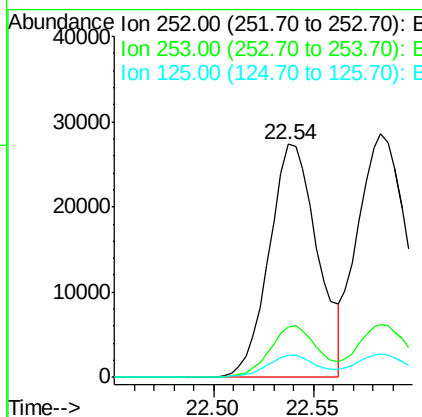
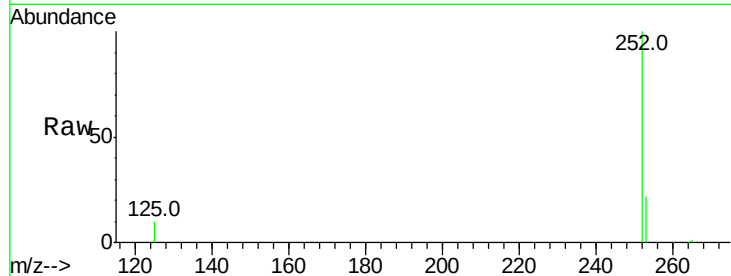




#35
Benzo(b)fluoranthene
Concen: 1.823 ng
RT: 22.54 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BE096939.D
Acq: 16 Jul 2018 14:51

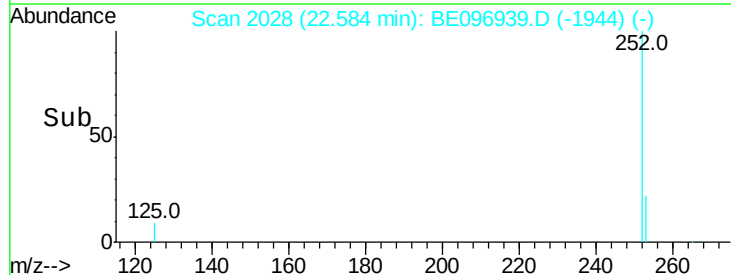
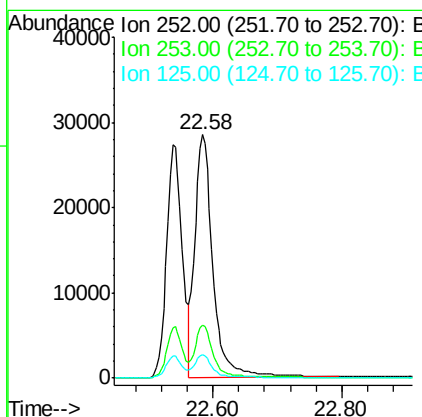
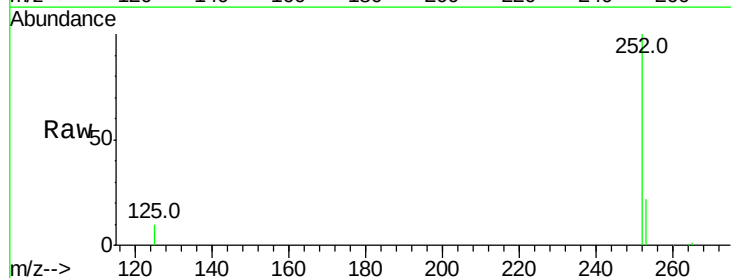
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

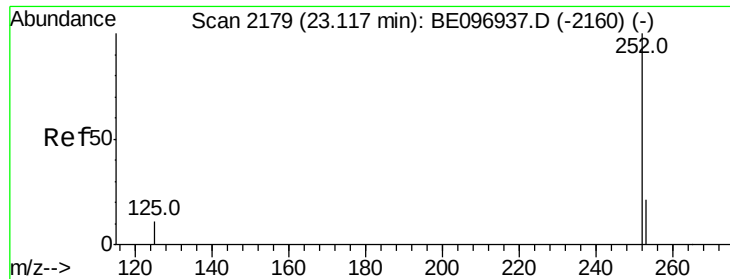
Tot Ion:252 Resp: 45956
Ion Ratio Lower Upper
252 100
253 21.7 20.0 30.0
125 9.6 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 1.829 ng
RT: 22.58 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BE096939.D
Acq: 16 Jul 2018 14:51

Tgt Ion:252 Resp: 54834
Ion Ratio Lower Upper
252 100
253 21.9 16.0 24.0
125 9.5 8.0 12.0





#37

Benzo(a)pyrene

Concen: 1.869 ng

RT: 23.11 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

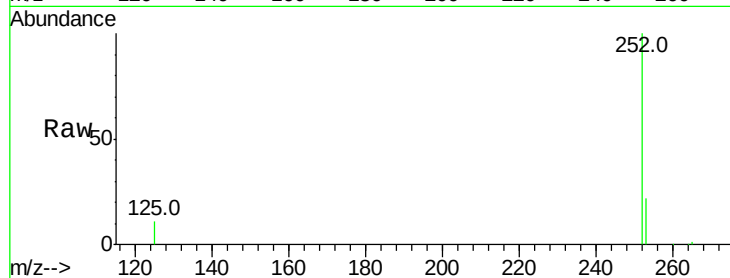
Tot Ion:252 Resp: 42136

Ion Ratio Lower Upper

252 100

253 21.7 16.0 24.0

125 10.9 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

23.11

20000

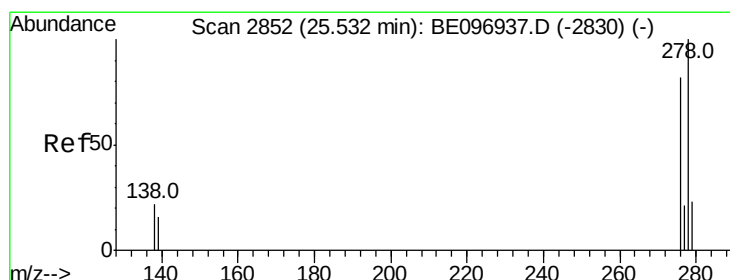
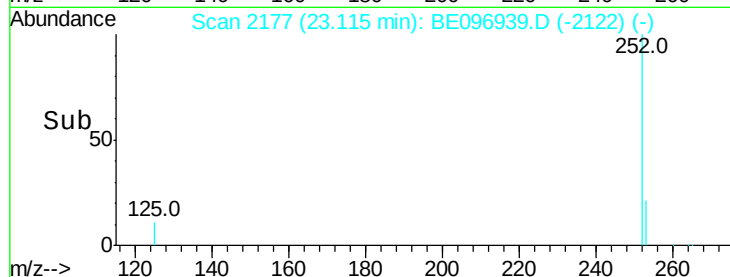
15000

10000

5000

0

Time--> 23.00 23.10 23.20



#38

Dibenzo(a,h)anthracene

Concen: 1.803 ng

RT: 25.53 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

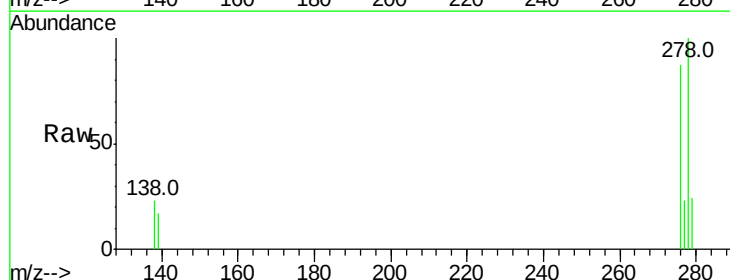
Tgt Ion:278 Resp: 35596

Ion Ratio Lower Upper

278 100

139 16.6 16.0 24.0

279 24.2 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

12000

10000

8000

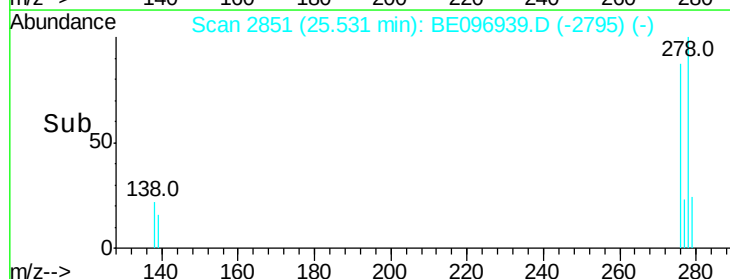
6000

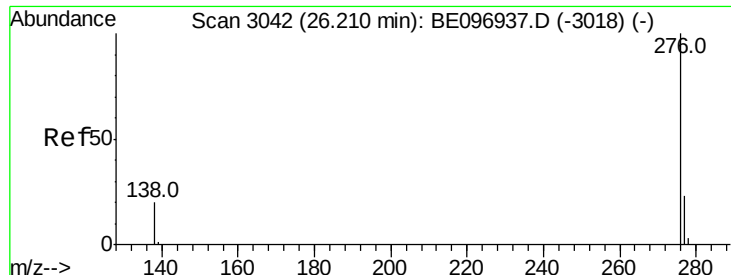
4000

2000

0

Time--> 25.40 25.60 25.80





#39

Benzo(a,h,i)perylene

Concen: 1.697 ng

RT: 26.21 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BE096939.D

Acq: 16 Jul 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

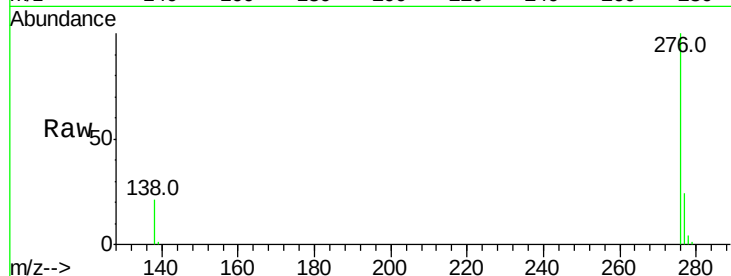
Tot Ion:276 Resp: 37668

Ion Ratio Lower Upper

276 100

277 24.4 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

