

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081518\
 Data File : BE097277.D
 Acq On : 15 Aug 2018 13:02
 Operator : SJ/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Aug 15 14:02:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE081518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 13:00:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	965	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5081	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	2953	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	6482	0.40	ng	0.00
27) Chrysene-d12	20.98	240	6638	0.40	ng	0.00
34) Perylene-d12	23.22	264	5807	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	5196	2.25	ng	-0.01
5) Phenol-d6	6.60	99	7810	2.22	ng	-0.01
8) Nitrobenzene-d5	8.52	82	7857	2.12	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	12553	1.70	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	1883	2.51	ng	-0.01
15) 2-Fluorobiphenyl	12.63	172	17731	1.61	ng	0.00
25) Fluoranthene-d10	18.81	212	112527	2.00	ng	0.00
29) Terphenyl-d14	19.42	244	21215	1.66	ng	0.00

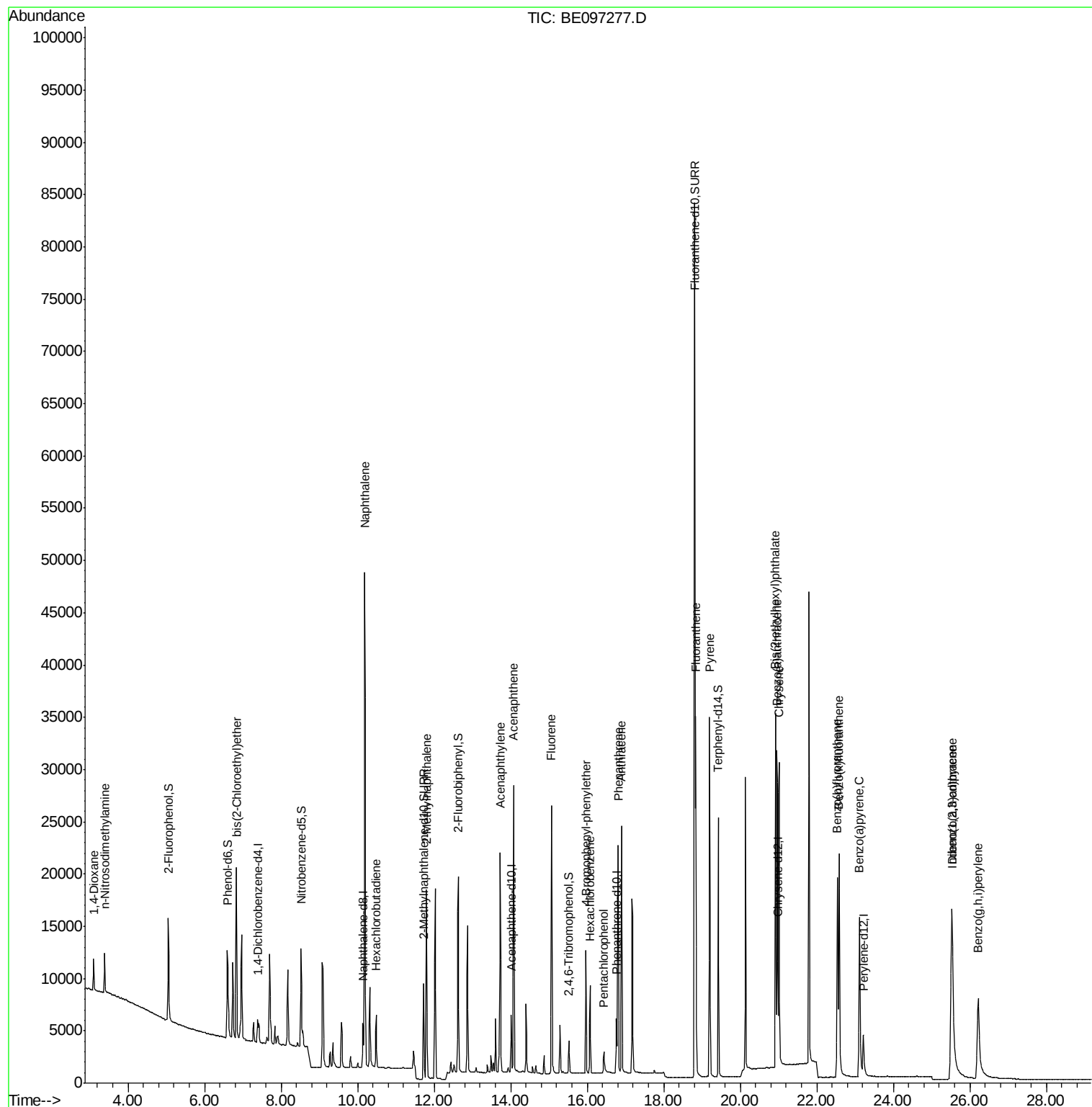
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	1781	1.289	ng	# 87
3) n-Nitrosodimethylamine	3.38	42	2252	1.449	ng	99
6) bis(2-Chloroethyl)ether	6.84	93	6044	1.748	ng	94
9) Naphthalene	10.18	128	76836	1.689	ng	99
10) Hexachlorobutadiene	10.48	225	3546	1.928	ng	98
12) 2-Methylnaphthalene	11.80	142	13015	1.687	ng	99
16) Acenaphthylene	13.73	152	22494	1.668	ng	100
17) Acenaphthene	14.07	154	13042	1.555	ng	93
18) Fluorene	15.06	166	16298	1.731	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	5845	1.907	ng	# 80
21) Hexachlorobenzene	16.08	284	6500	1.909	ng	# 83
22) Pentachlorophenol	16.44	266	1519	2.720	ng	# 74
23) Phenanthrene	16.81	178	26296	1.694	ng	99
24) Anthracene	16.89	178	24686	1.828	ng	95
26) Fluoranthene	18.84	202	29949	1.829	ng	98
28) Pyrene	19.20	202	29885	1.525	ng	99
30) Benzo(a)anthracene	20.95	228	29085	1.840	ng	98
31) Chrysene	21.01	228	28266	1.594	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	35728	2.264	ng	99
33) Indeno(1,2,3-cd)pyrene	25.52	276	30318	2.347	ng	# 93
35) Benzo(b)fluoranthene	22.54	252	25243	1.703	ng	# 87
36) Benzo(k)fluoranthene	22.58	252	30677	1.740	ng	96
37) Benzo(a)pyrene	23.12	252	25273	1.906	ng	# 92
38) Dibenzo(a,h)anthracene	25.54	278	25158	2.324	ng	# 93
39) Benzo(g,h,i)perylene	26.22	276	24577	2.040	ng	# 89

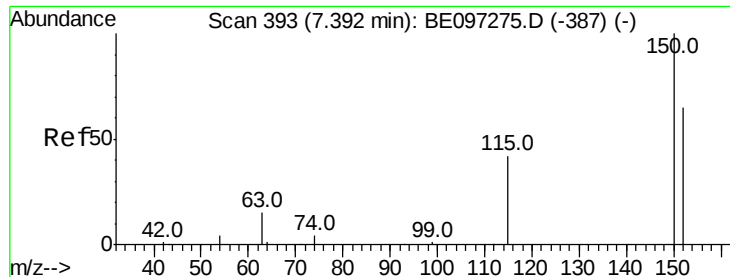
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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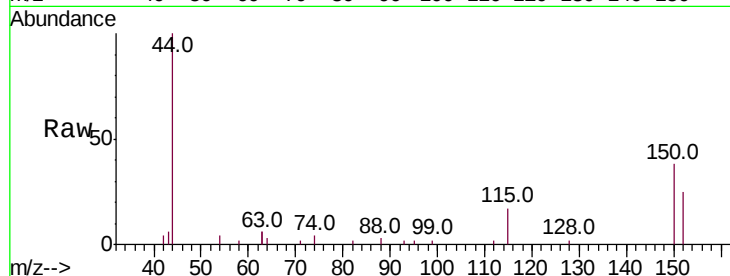


#1

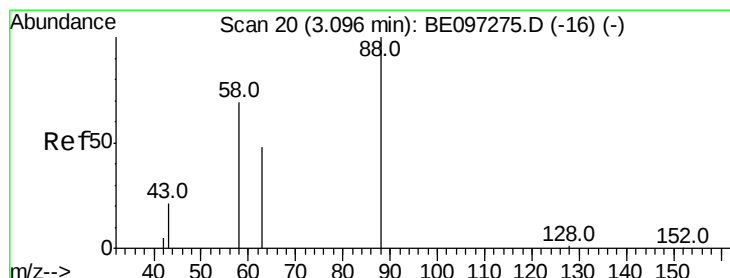
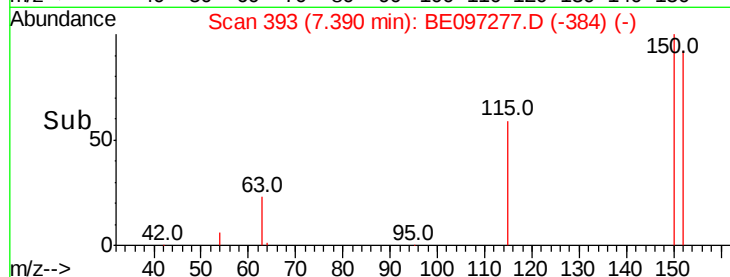
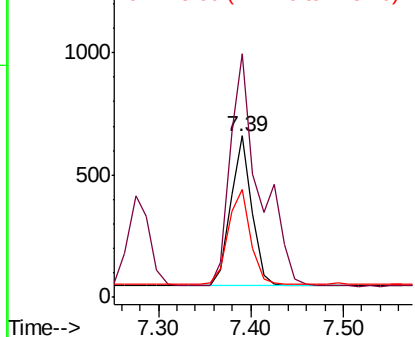
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097277.D
Acq: 15 Aug 2018 13:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:152 Resp: 965
Ion Ratio Lower Upper
152 100
150 150.7 117.2 175.8
115 67.0 57.0 85.6



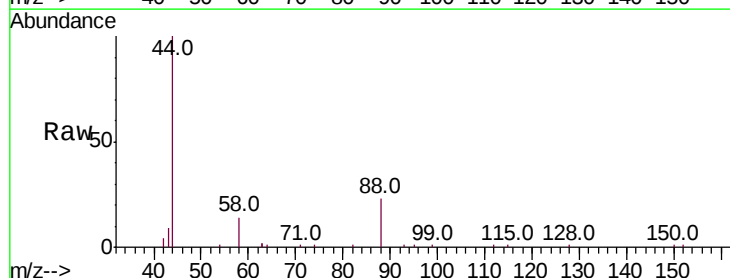
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



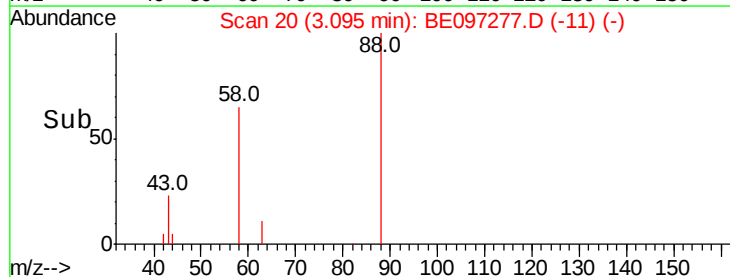
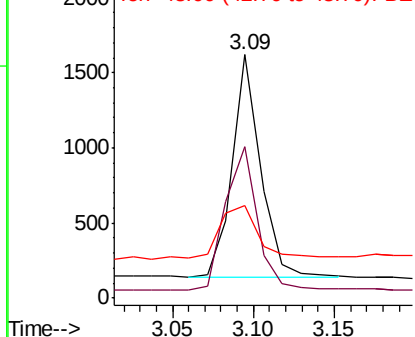
#2

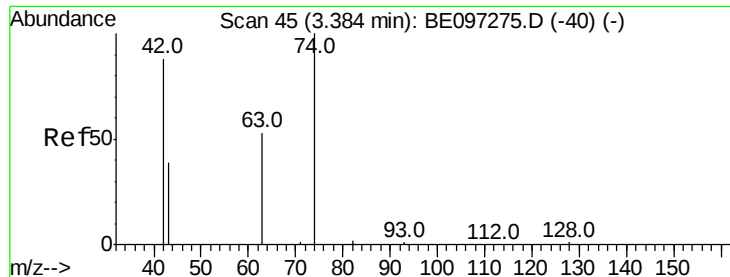
1,4-Dioxane
Concen: 1.289 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097277.D
Acq: 15 Aug 2018 13:02

Tgt Ion: 88 Resp: 1781
Ion Ratio Lower Upper
88 100
58 72.8 63.2 94.8
43 36.6 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.449 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

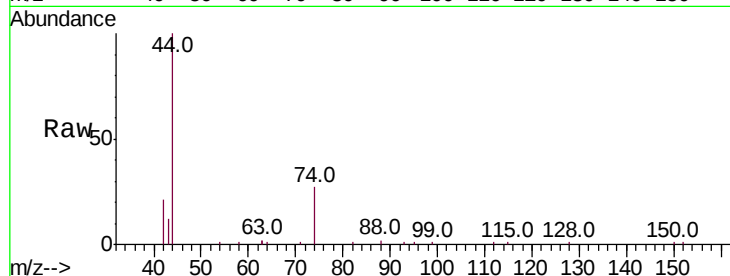
Tot Ion: 42 Resp: 2252

Ion Ratio Lower Upper

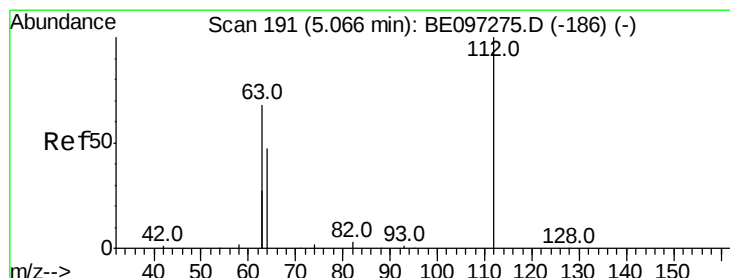
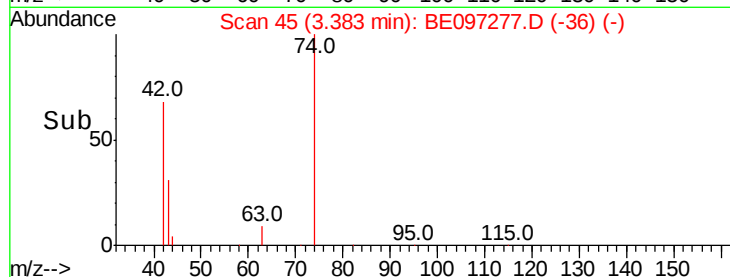
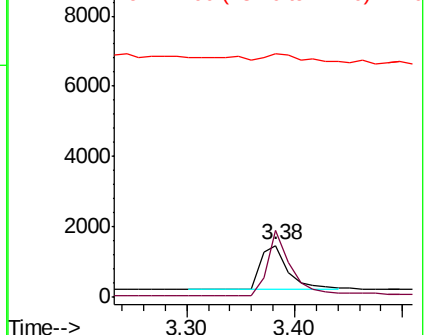
42 100

74 120.3 96.0 144.0

44 17.9 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: 2.251 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.01 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

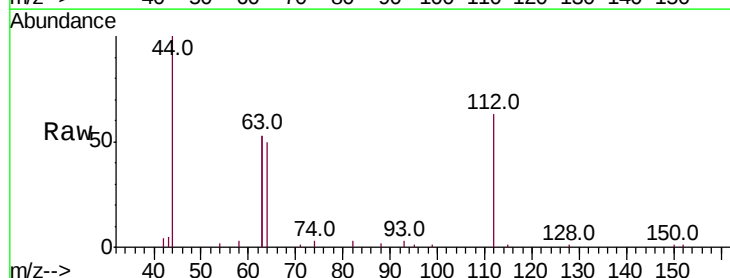
Tgt Ion: 112 Resp: 5196

Ion Ratio Lower Upper

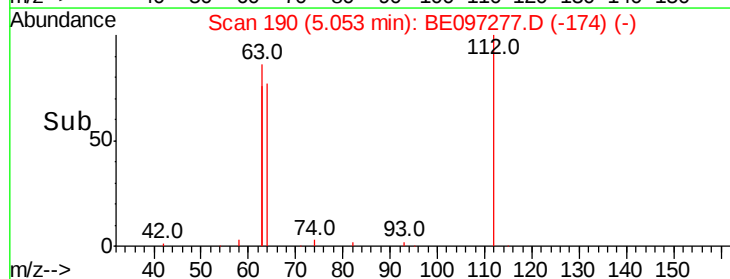
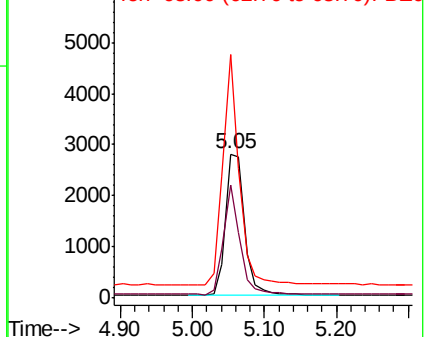
112 100

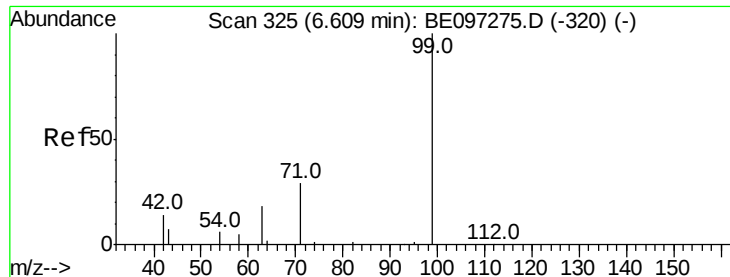
64 65.9 60.1 90.1

63 135.5 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.217 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

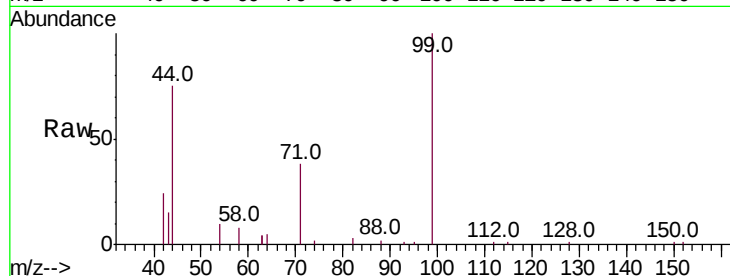
Tot Ion: 99 Resp: 7810

Ion Ratio Lower Upper

99 100

42 21.8 20.2 30.2

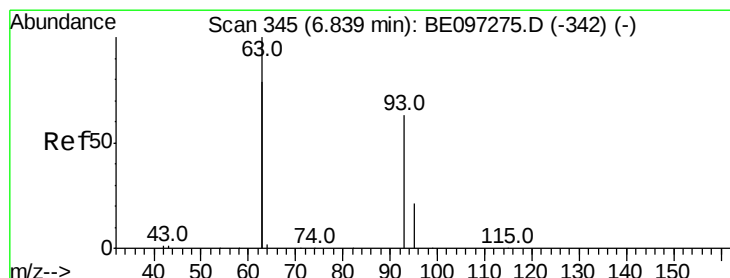
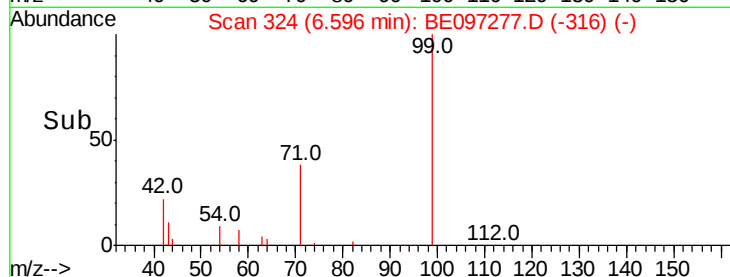
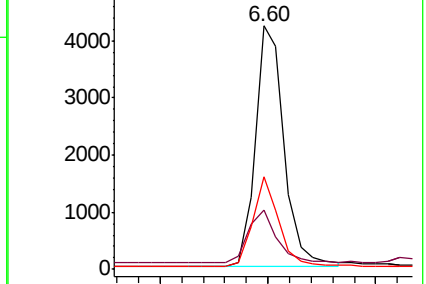
71 33.7 28.4 42.6



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: 1.748 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

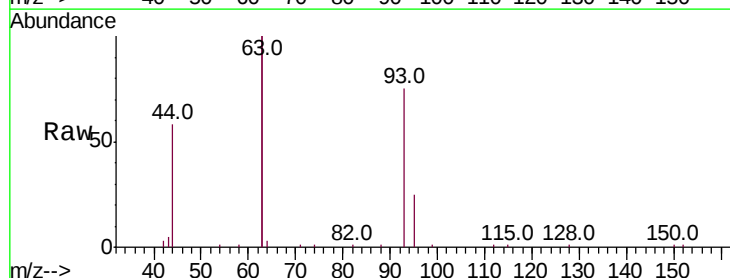
Tgt Ion: 93 Resp: 6044

Ion Ratio Lower Upper

93 100

63 330.5 275.3 412.9

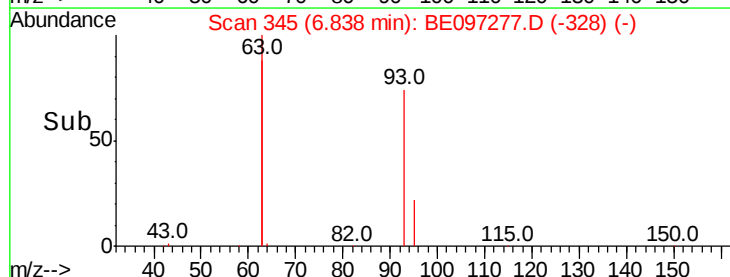
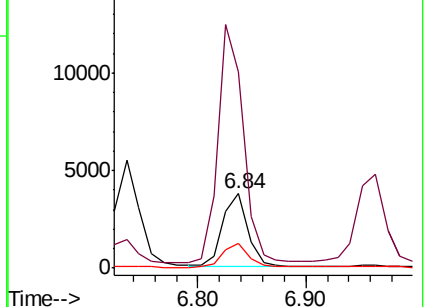
95 32.0 25.2 37.8

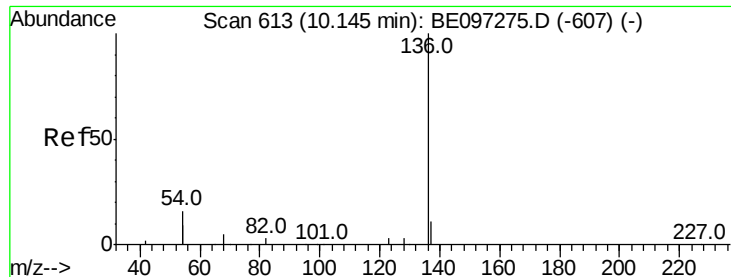


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097277.D

Acq: 15 Aug 2018 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 5081

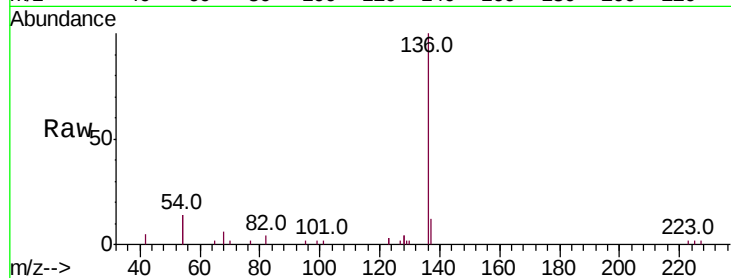
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 27.6 29.1 43.7#

68 5.7 6.2 9.2#

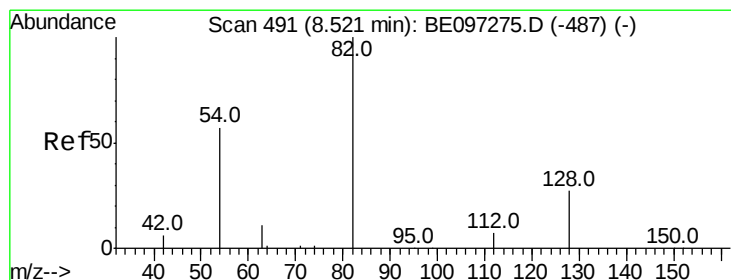
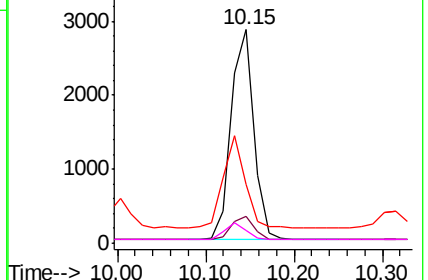
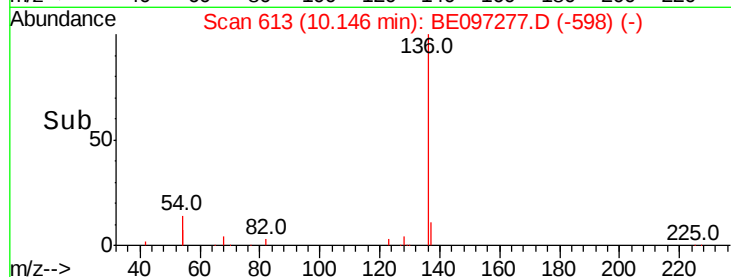


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.120 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

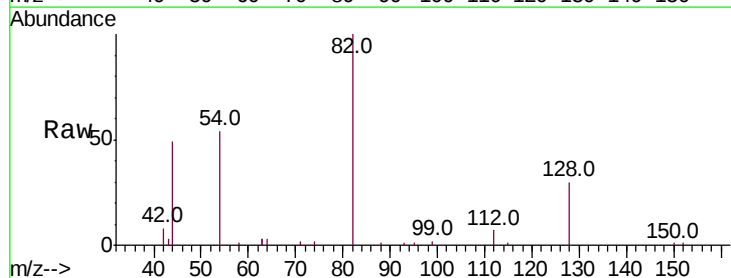
Tgt Ion: 82 Resp: 7857

Ion Ratio Lower Upper

82 100

128 30.0 24.0 36.0

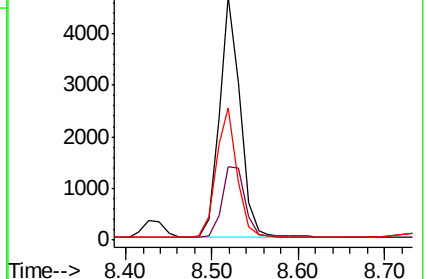
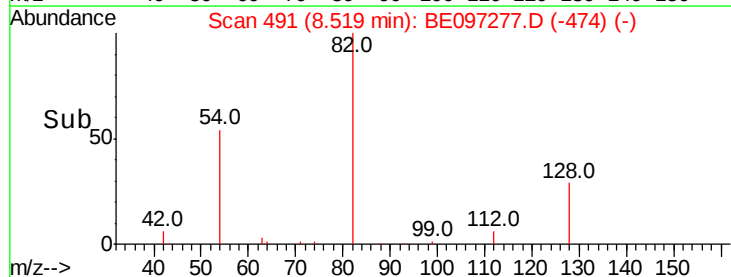
54 54.1 40.0 60.0

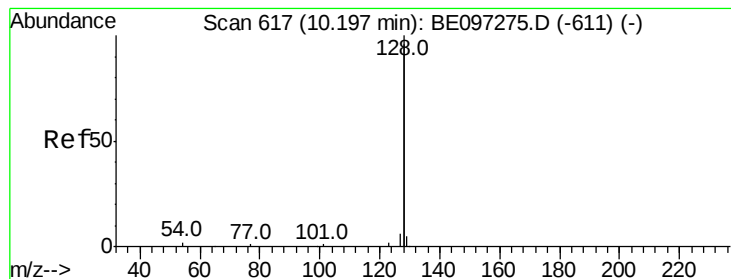


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.689 ng

RT: 10.18 min Scan# 616

Delta R.T. -0.01 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

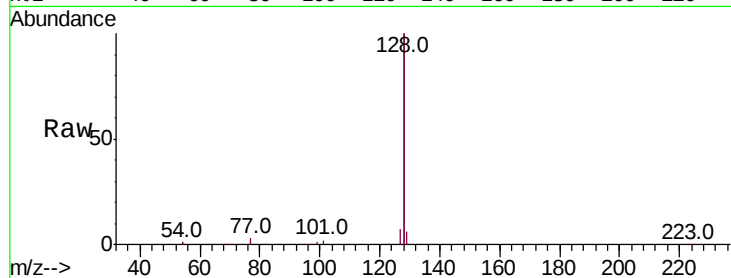
Tot Ion:128 Resp: 76836

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

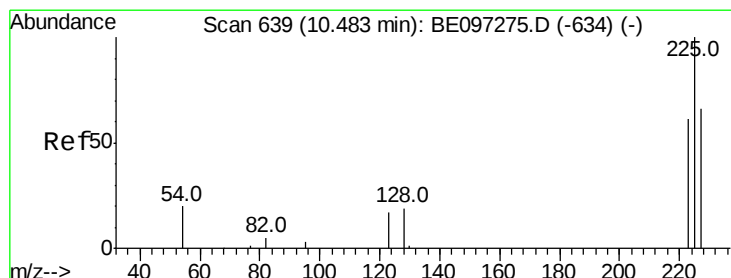
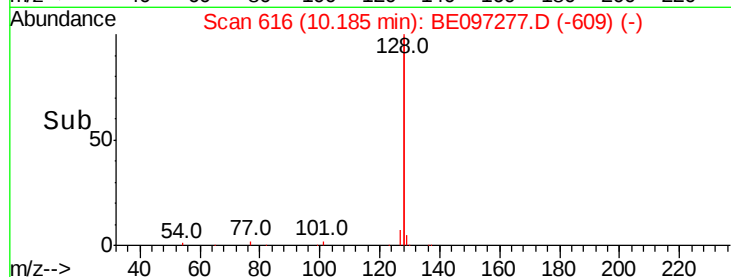
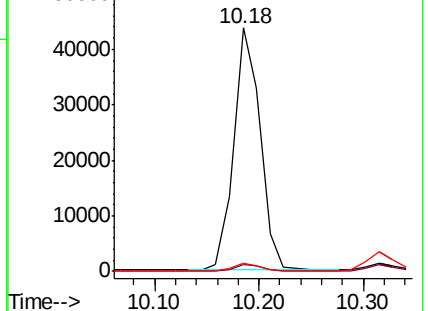
127 3.4 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 1.928 ng

RT: 10.48 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

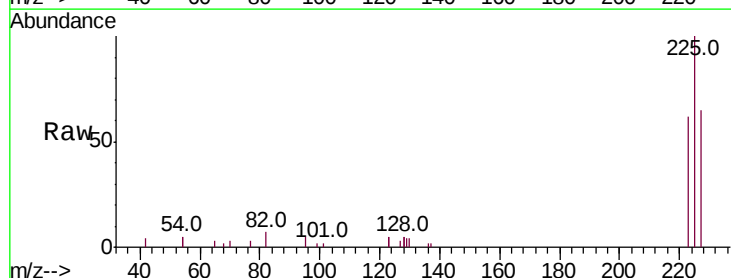
Tgt Ion:225 Resp: 3546

Ion Ratio Lower Upper

225 100

223 62.7 53.0 79.6

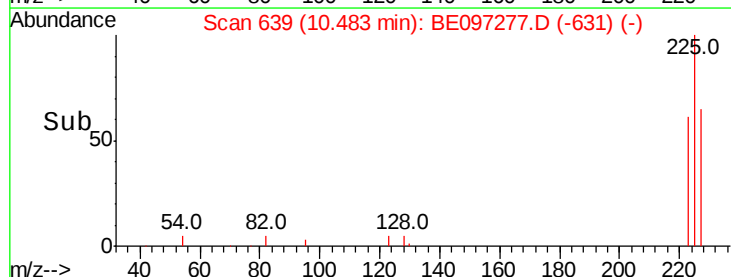
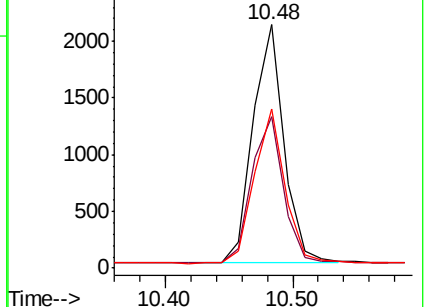
227 64.2 51.4 77.2

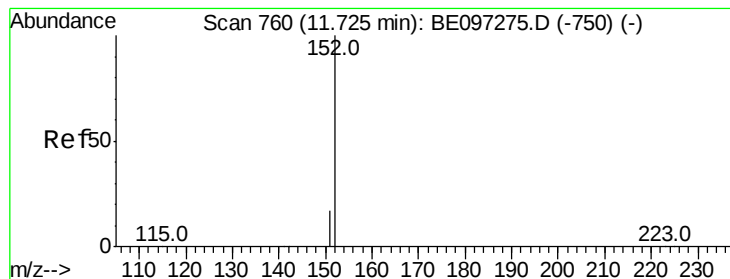


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.695 ng

RT: 11.72 min Scan# 760

Delta R.T. -0.00 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

Instrument :

BNA_E

ClientSampleId :

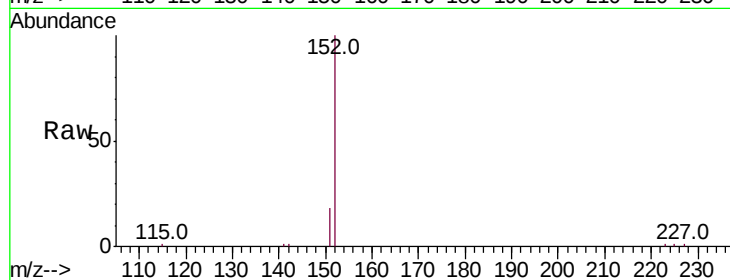
SSTDICC1.6

Tot Ion:152 Resp: 12553

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

8000

6000

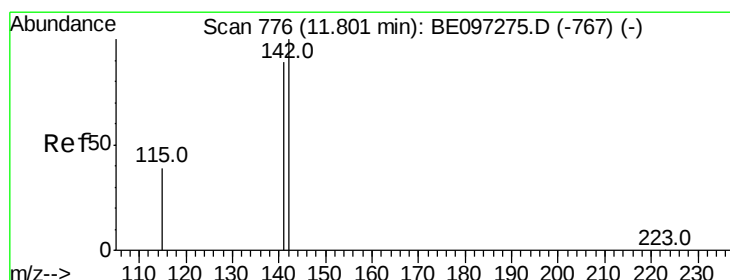
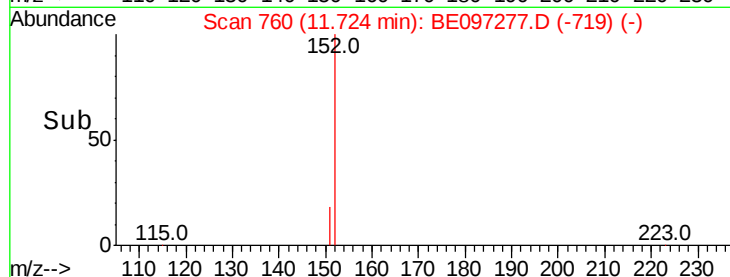
4000

2000

0

11.72

Time-->



#12

2-Methylnaphthalene

Concen: 1.687 ng

RT: 11.80 min Scan# 776

Delta R.T. -0.00 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

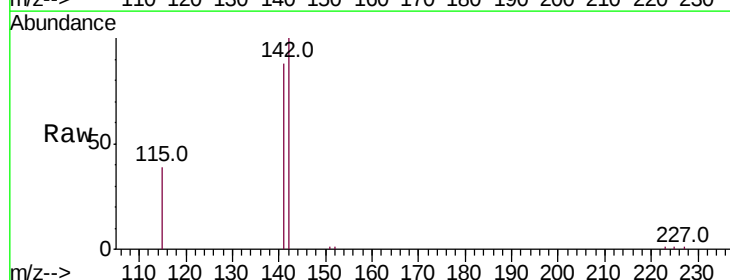
Tgt Ion:142 Resp: 13015

Ion Ratio Lower Upper

142 100

141 88.3 70.4 105.6

115 39.0 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

10000

8000

6000

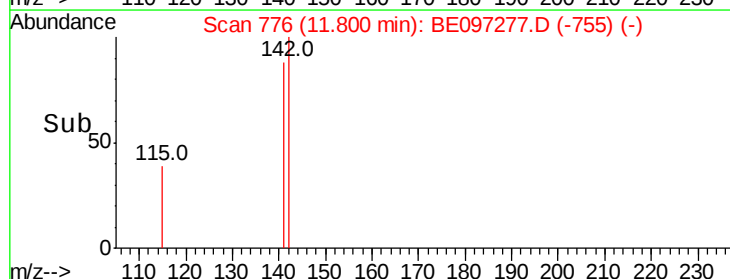
4000

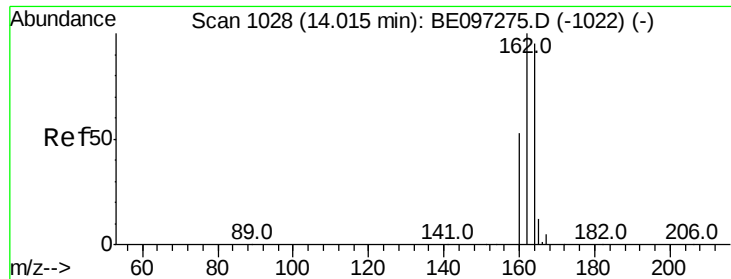
2000

0

11.80

Time-->

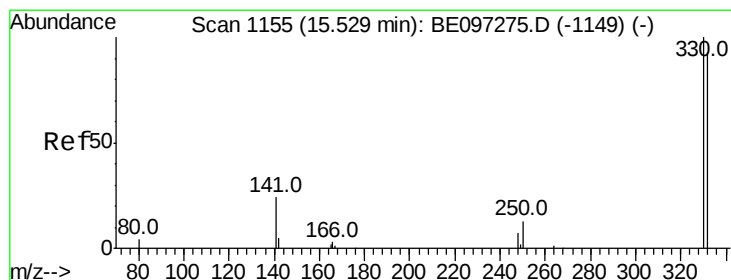
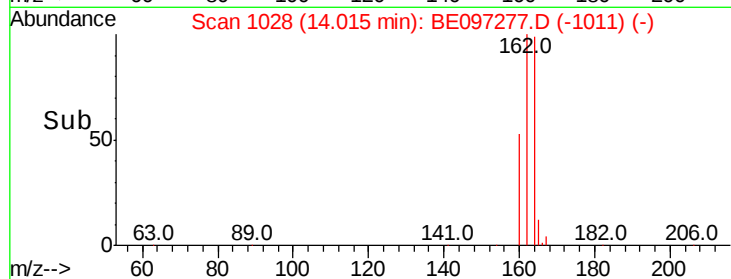
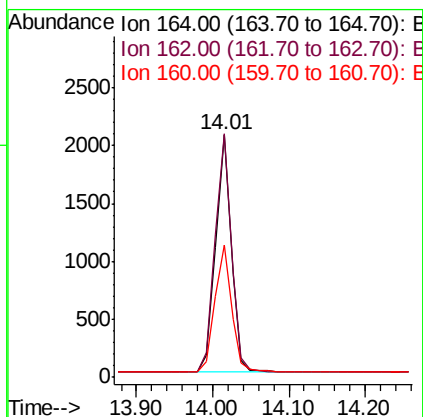
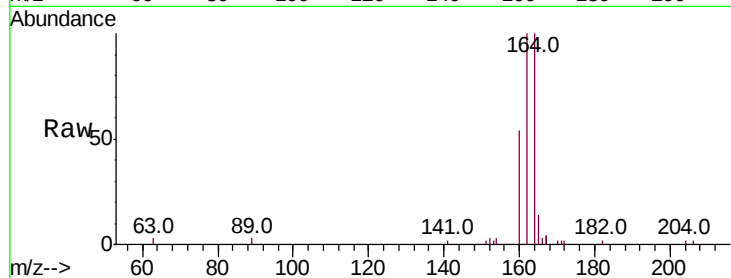




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE097277.D
Acq: 15 Aug 2018 13:02

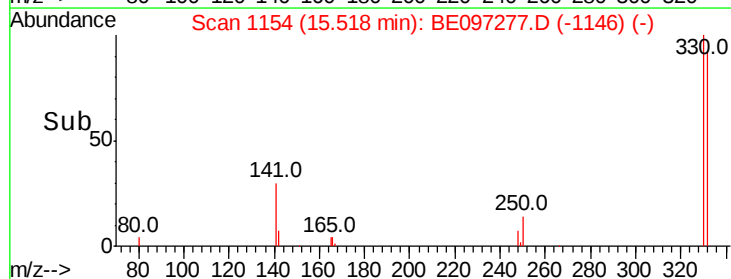
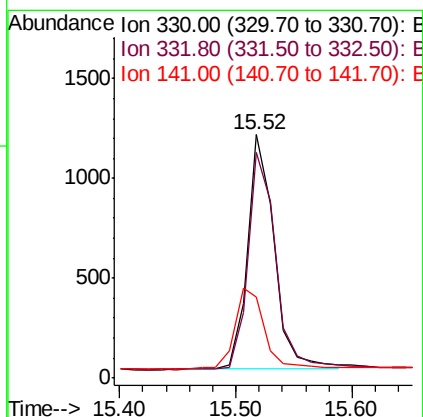
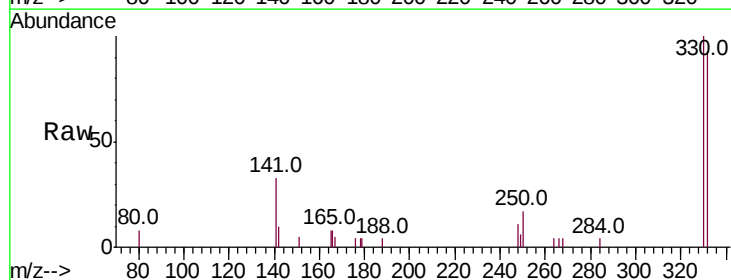
Instrument :
BNA_E
ClientSampled :
SSTDICC1.6

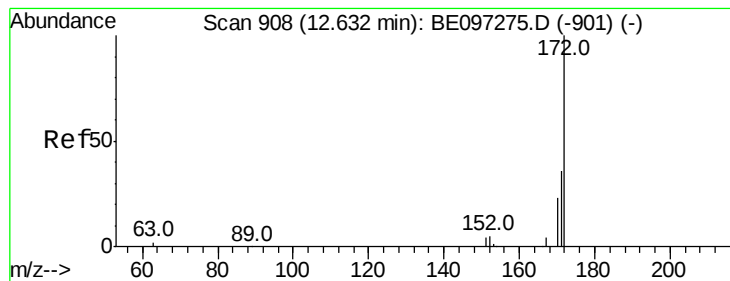
Tot Ion:164 Resp: 2953
Ion Ratio Lower Upper
164 100
162 100.5 83.1 124.7
160 54.5 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 2.514 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BE097277.D
Acq: 15 Aug 2018 13:02

Tgt Ion:330 Resp: 1883
Ion Ratio Lower Upper
330 100
332 96.2 152.7 229.1#
141 37.1 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 1.614 ng

RT: 12.63 min Scan# 908

Delta R.T. 0.00 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

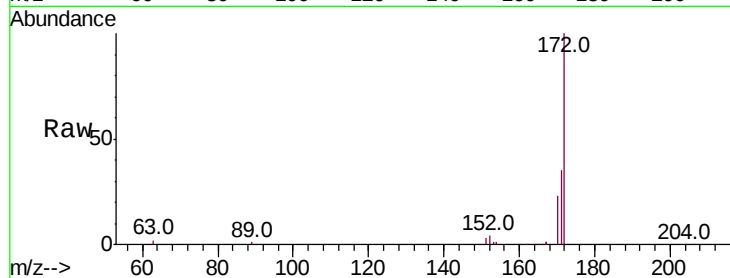
Tot Ion:172 Resp: 17731

Ion Ratio Lower Upper

172 100

171 34.6 29.9 44.9

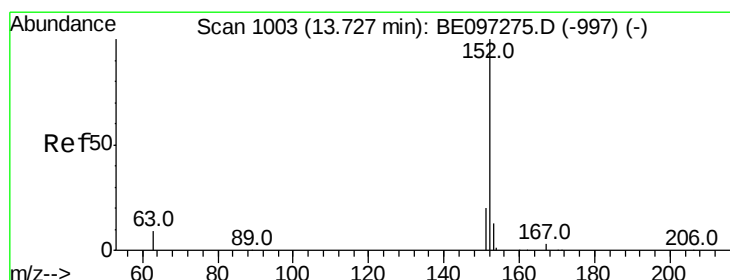
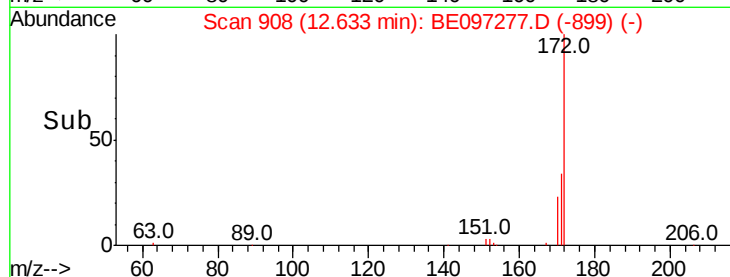
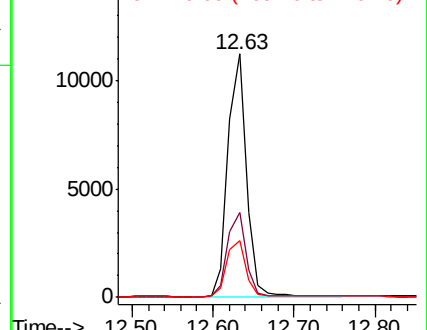
170 23.4 21.8 32.8



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: 1.668 ng

RT: 13.73 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

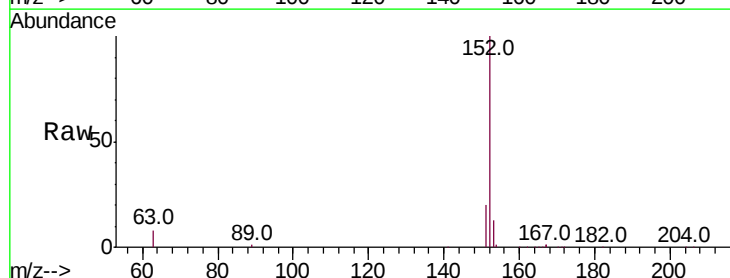
Tgt Ion:152 Resp: 22494

Ion Ratio Lower Upper

152 100

151 19.5 15.7 23.5

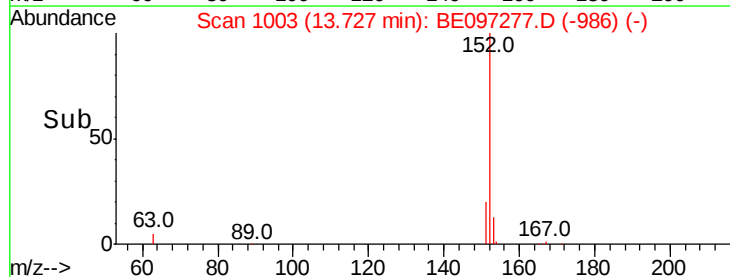
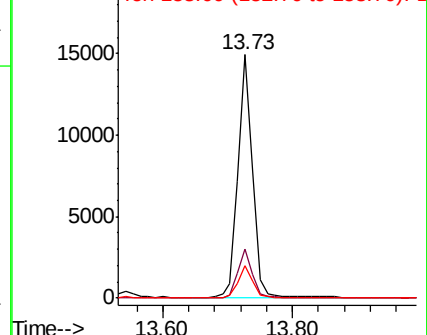
153 12.9 10.5 15.7

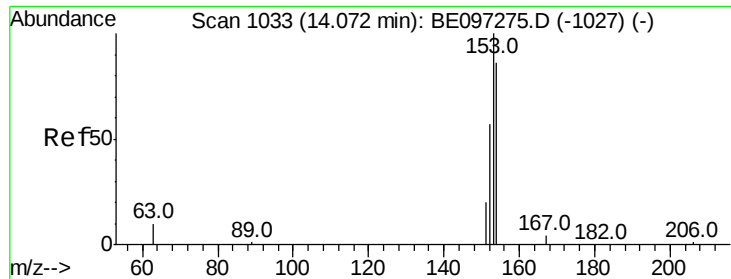


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 1.555 ng

RT: 14.07 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

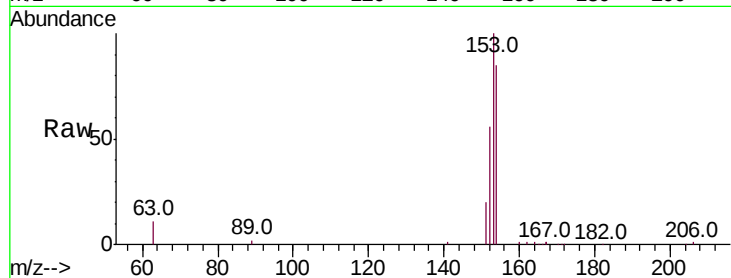
Tot Ion:154 Resp: 13042

Ion Ratio Lower Upper

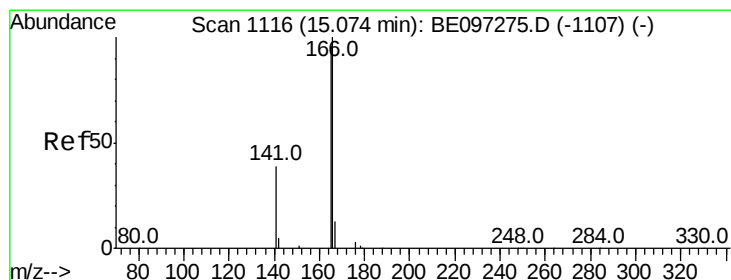
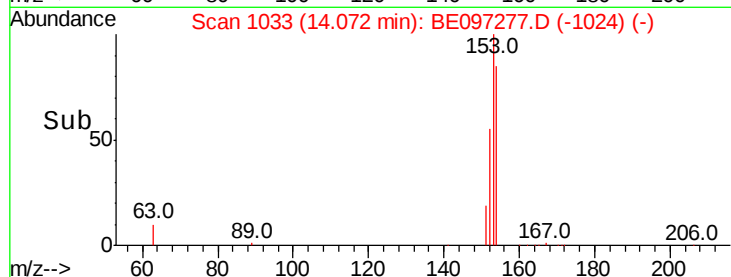
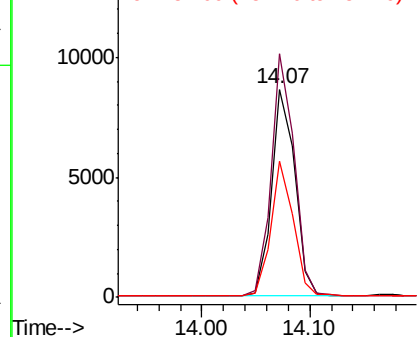
154 100

153 114.8 89.2 133.8

152 62.9 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 1.731 ng

RT: 15.06 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

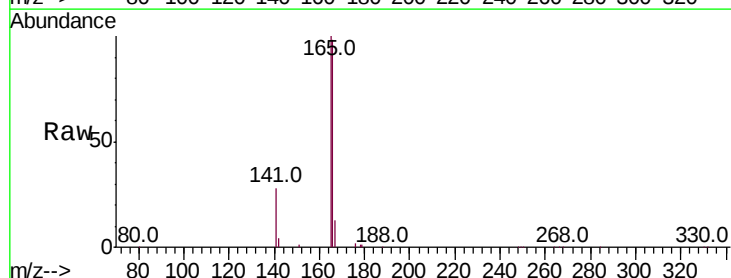
Tgt Ion:166 Resp: 16298

Ion Ratio Lower Upper

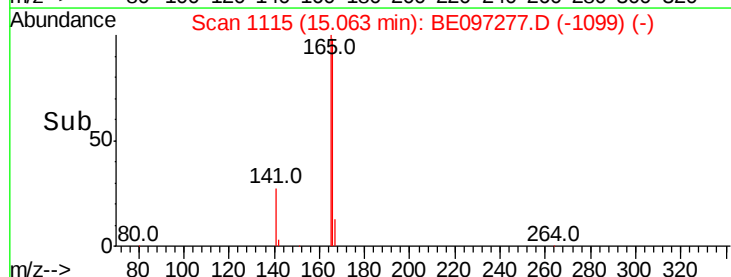
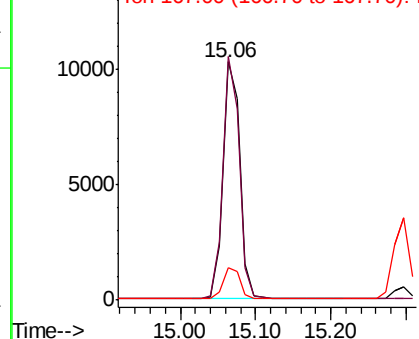
166 100

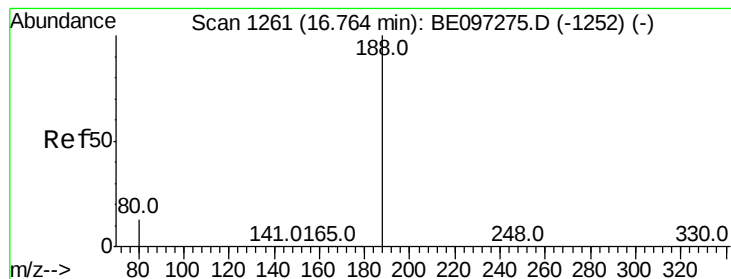
165 99.2 77.8 116.6

167 13.6 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: 16.76 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

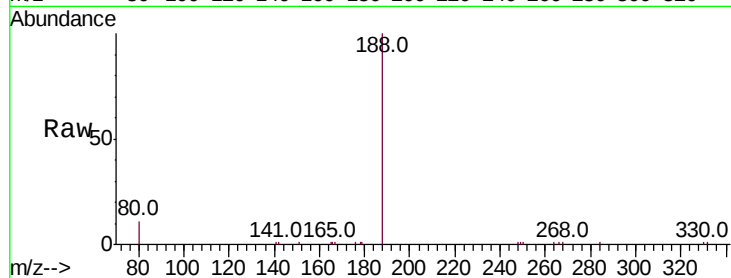
Tot Ion:188 Resp: 6482

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

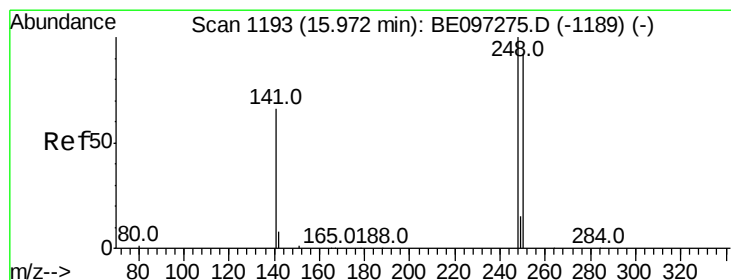
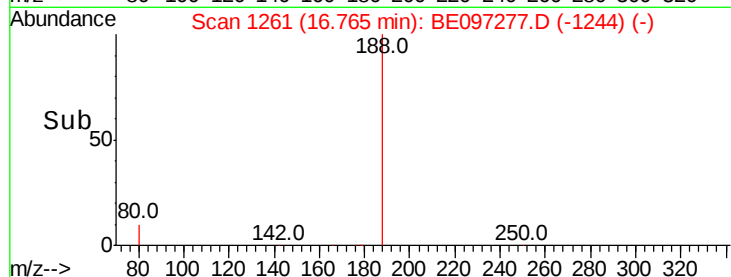
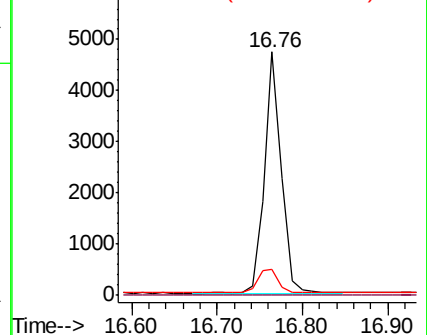
80 10.9 3.6 5.4#



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: 1.907 ng

RT: 15.97 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

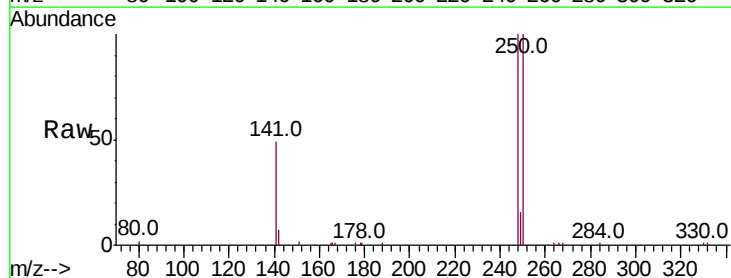
Tgt Ion:248 Resp: 5845

Ion Ratio Lower Upper

248 100

250 99.6 62.7 94.1#

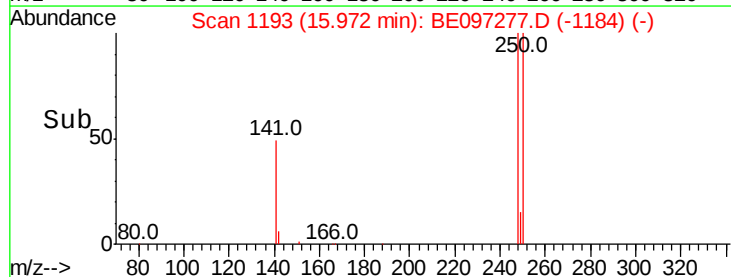
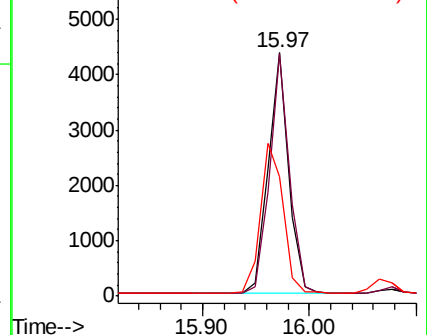
141 49.2 48.2 72.2

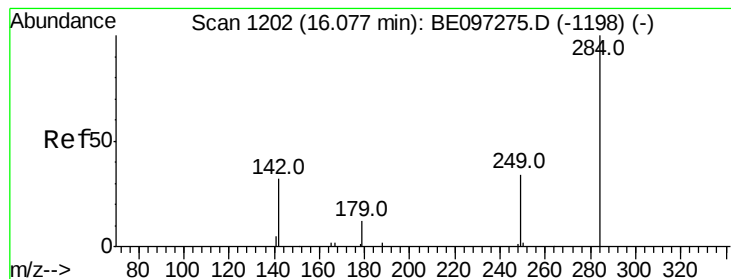


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.909 ng

RT: 16.08 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

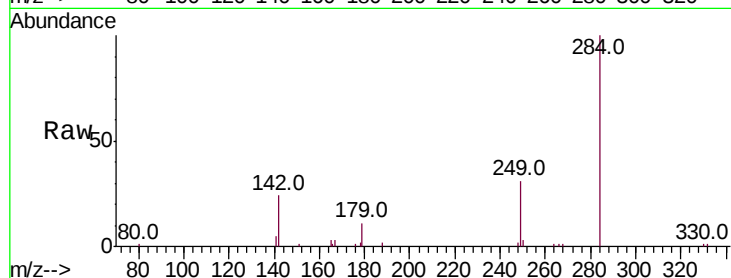
Tot Ion:284 Resp: 6500

Ion Ratio Lower Upper

284 100

142 33.2 22.1 33.1#

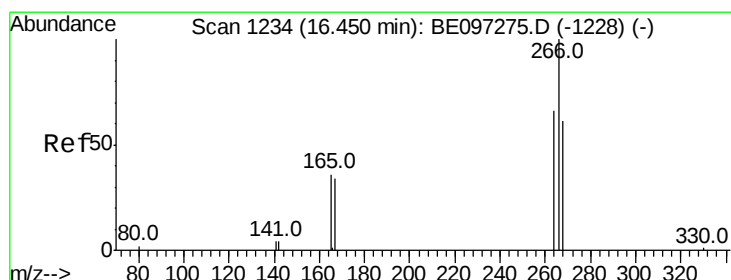
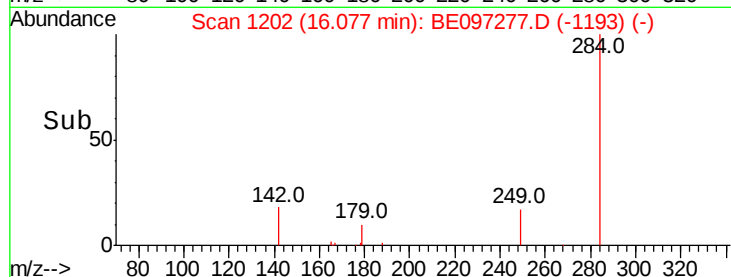
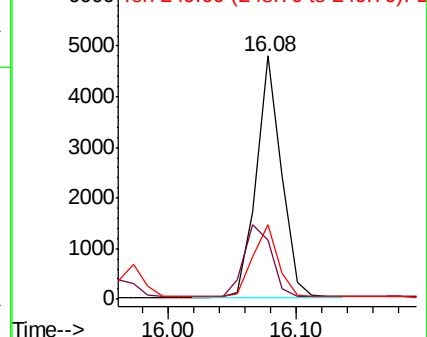
249 30.3 34.8 52.2#



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: 2.720 ng

RT: 16.44 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

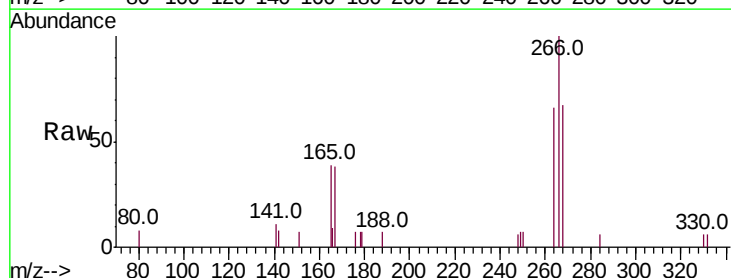
Tgt Ion:266 Resp: 1519

Ion Ratio Lower Upper

266 100

264 66.2 72.5 108.7#

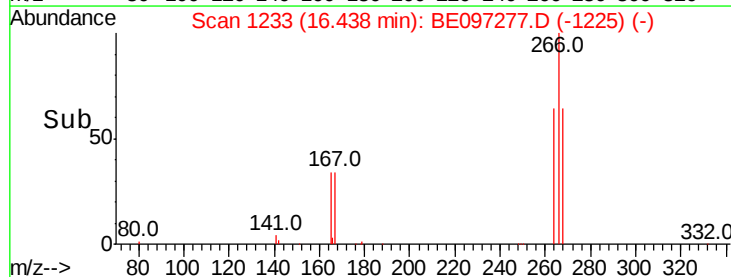
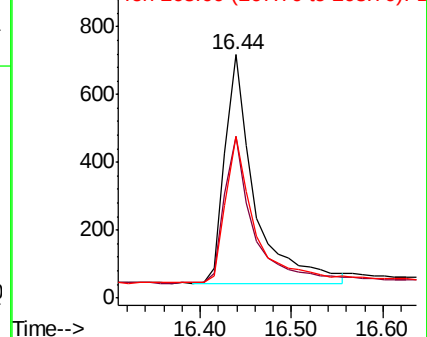
268 66.6 73.8 110.6#

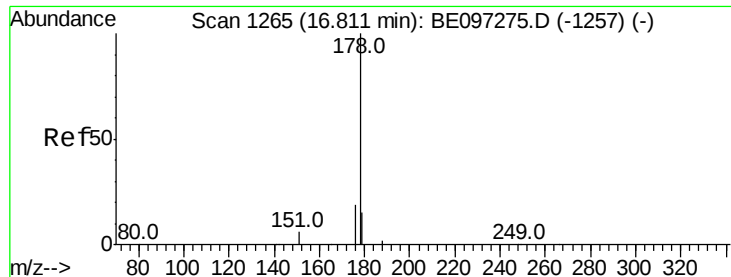


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.694 ng

RT: 16.81 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

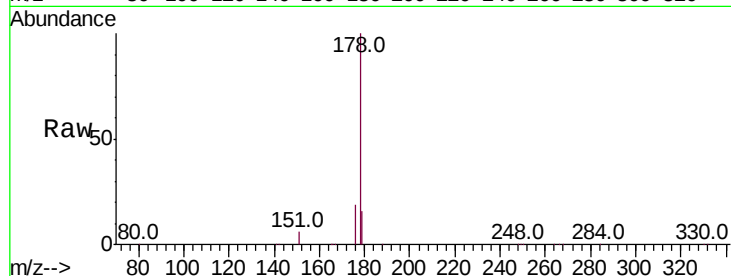
Tot Ion:178 Resp: 26296

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

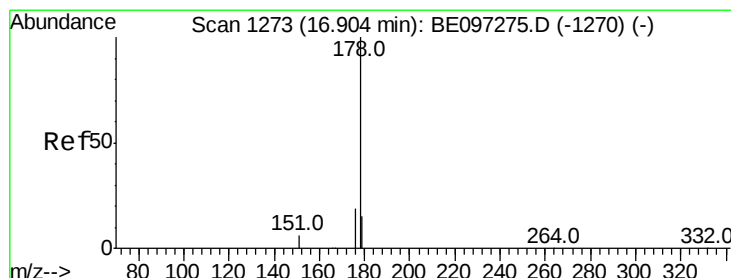
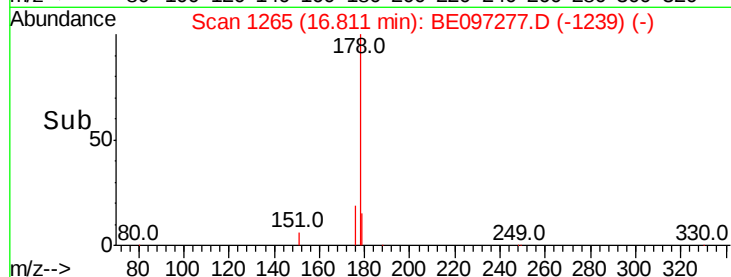
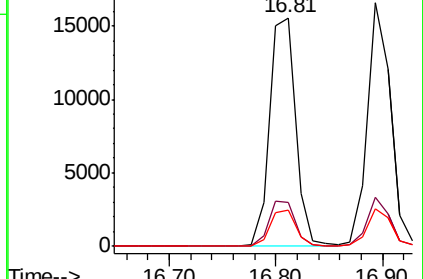
179 15.3 11.8 17.6



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: 1.828 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

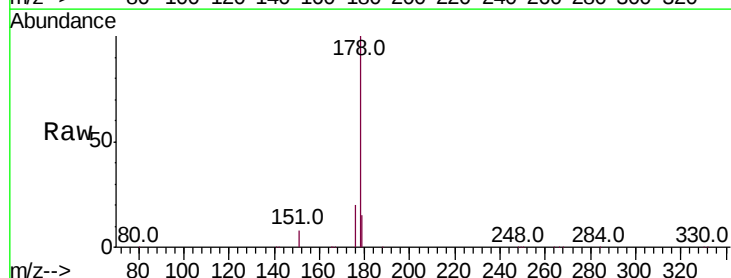
Tgt Ion:178 Resp: 24686

Ion Ratio Lower Upper

178 100

176 19.1 12.8 19.2

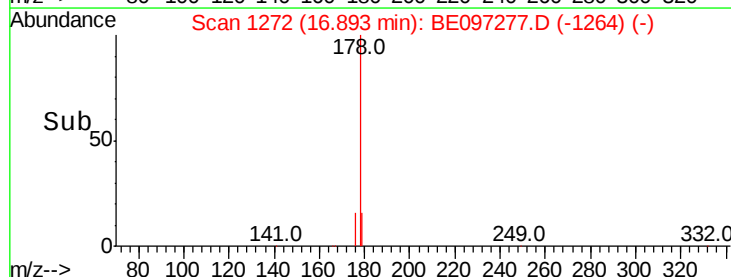
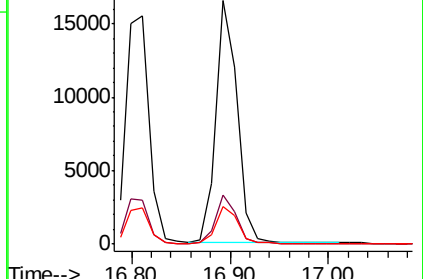
179 15.2 13.0 19.6

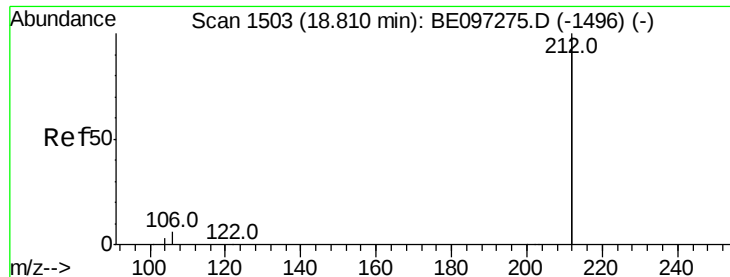


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.995 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

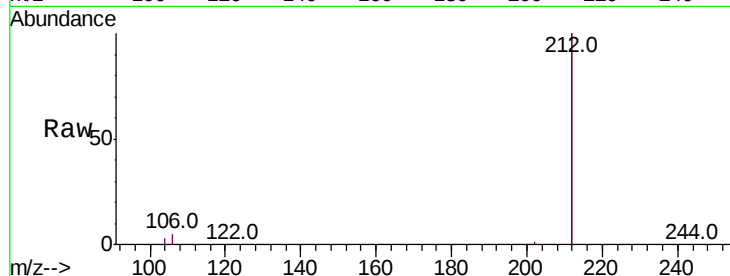
Tot Ion:212 Resp: 112527

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

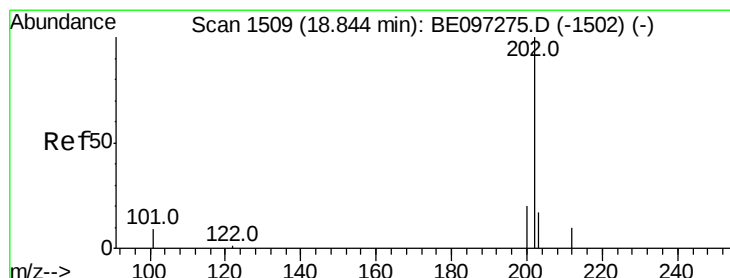
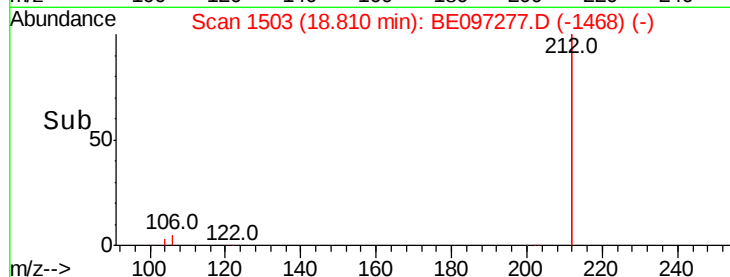
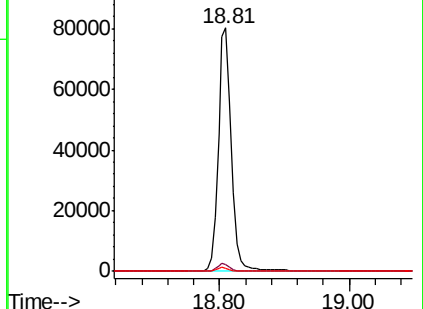
104 1.7 1.6 2.4



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: 1.829 ng

RT: 18.84 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

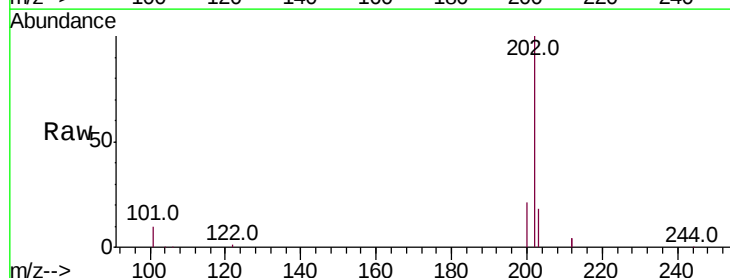
Tgt Ion:202 Resp: 29949

Ion Ratio Lower Upper

202 100

101 10.7 9.8 14.8

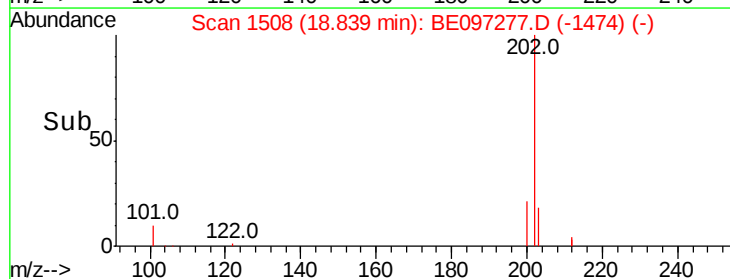
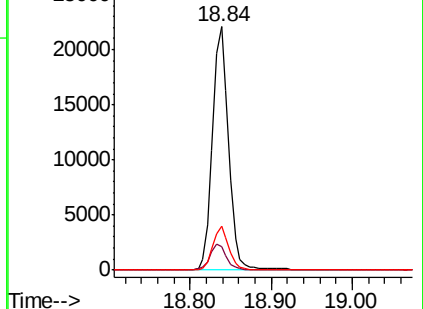
203 17.5 13.7 20.5

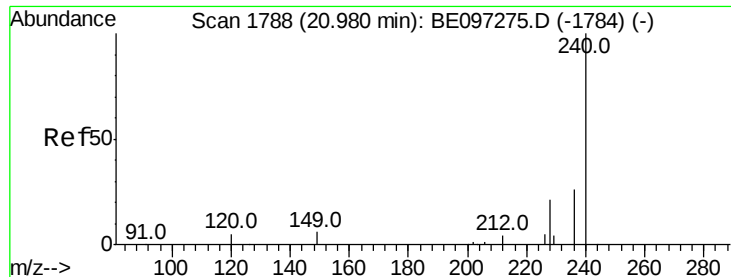


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

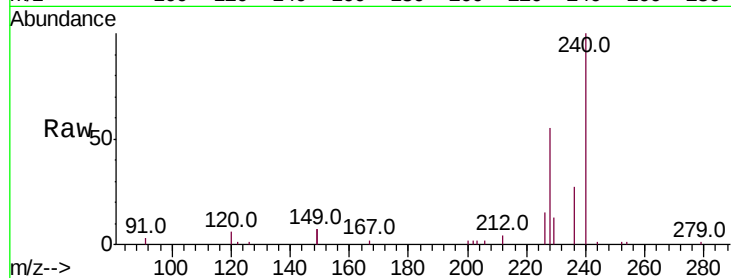
Tot Ion:240 Resp: 6638

Ion Ratio Lower Upper

240 100

120 5.7 5.5 8.3

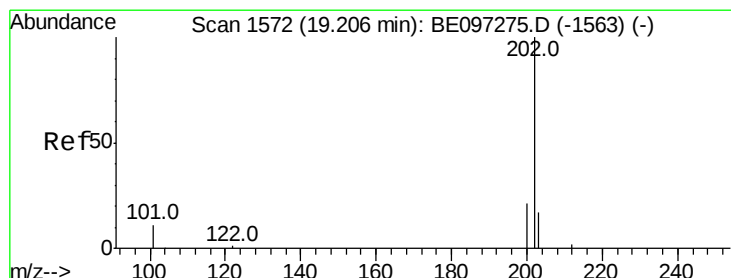
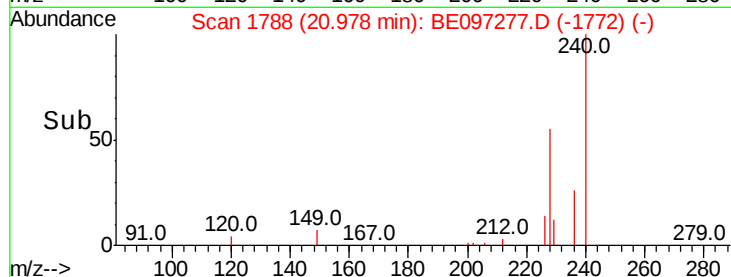
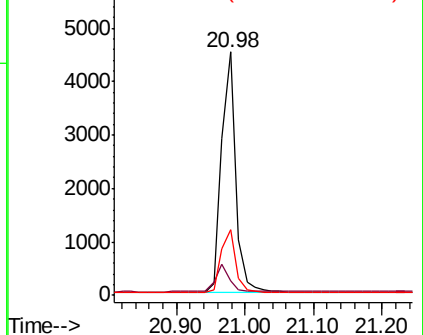
236 26.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 1.525 ng

RT: 19.20 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

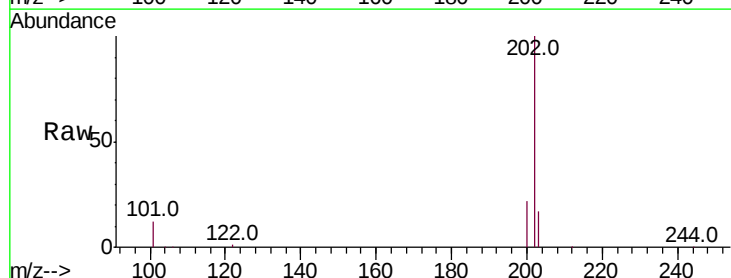
Tgt Ion:202 Resp: 29885

Ion Ratio Lower Upper

202 100

200 21.4 16.6 25.0

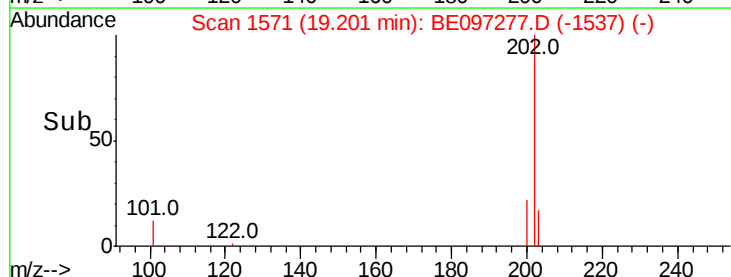
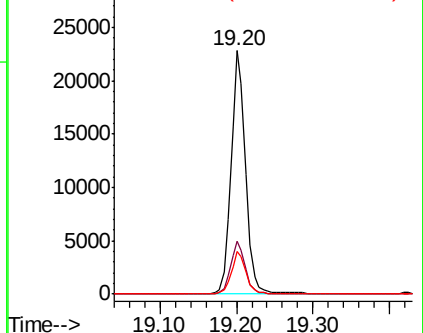
203 17.4 13.8 20.8

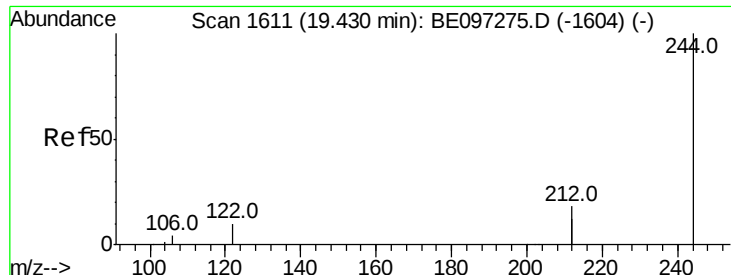


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.657 ng

RT: 19.42 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

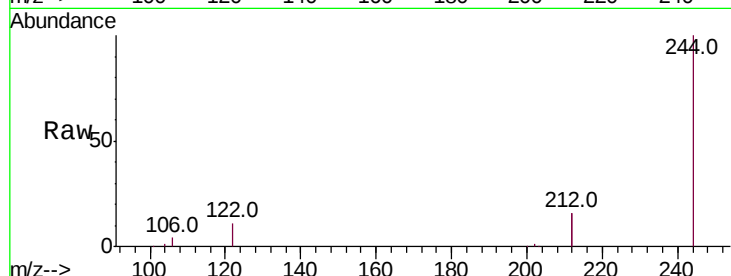
Tot Ion:244 Resp: 21215

Ion Ratio Lower Upper

244 100

212 32.1 25.4 38.0

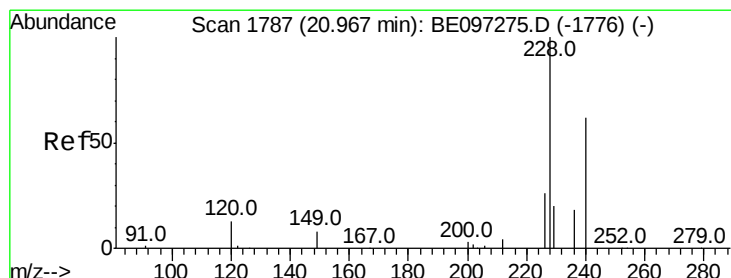
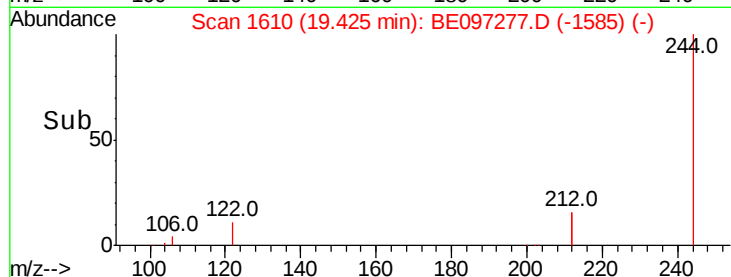
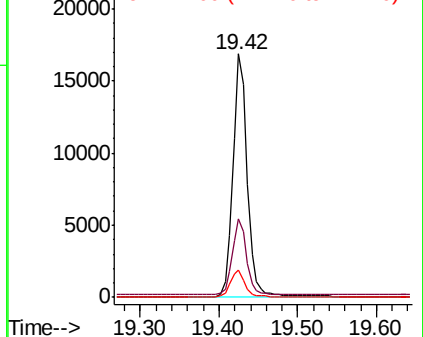
122 11.2 8.1 12.1



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: 1.840 ng

RT: 20.95 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

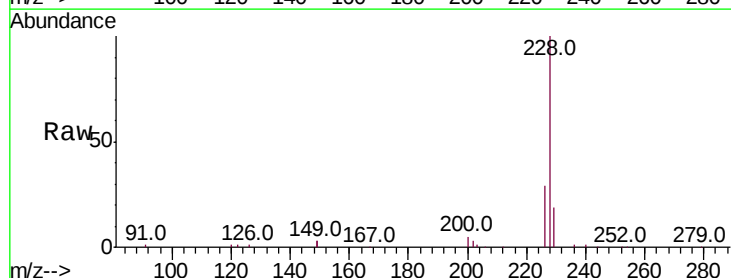
Tgt Ion:228 Resp: 29085

Ion Ratio Lower Upper

228 100

226 28.8 24.0 36.0

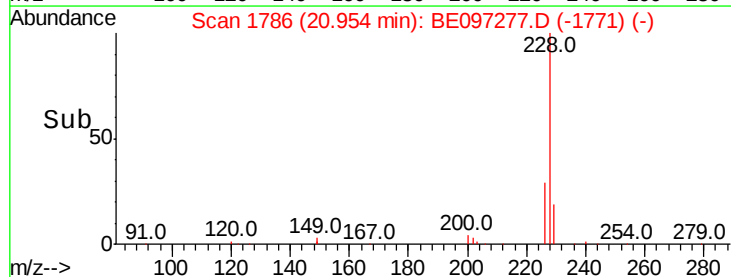
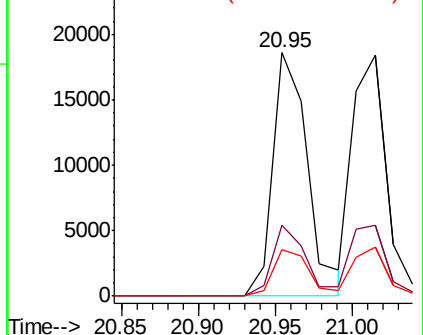
229 19.3 16.0 24.0

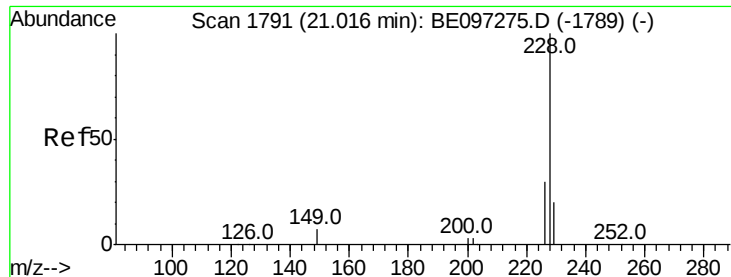


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.594 ng

RT: 21.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

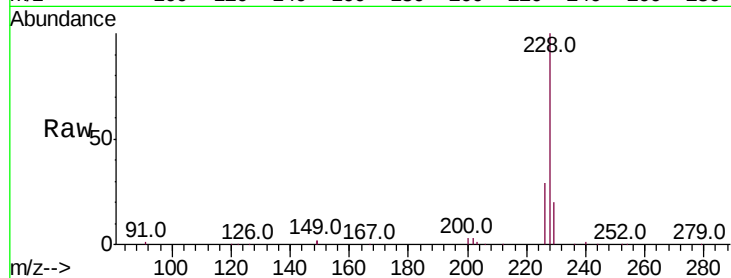
Tot Ion:228 Resp: 28266

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

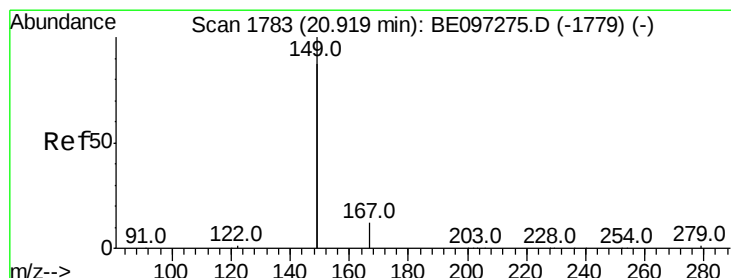
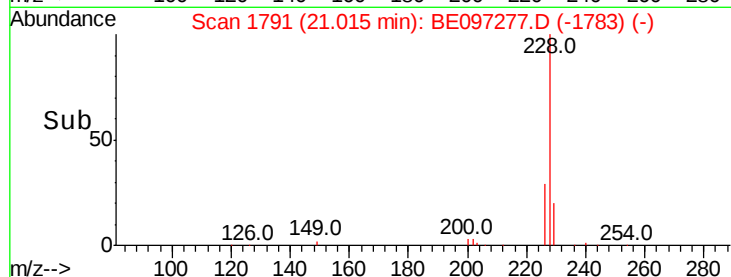
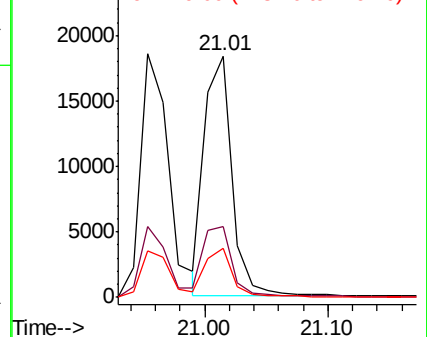
229 20.1 16.0 24.0



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: 2.264 ng

RT: 20.92 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

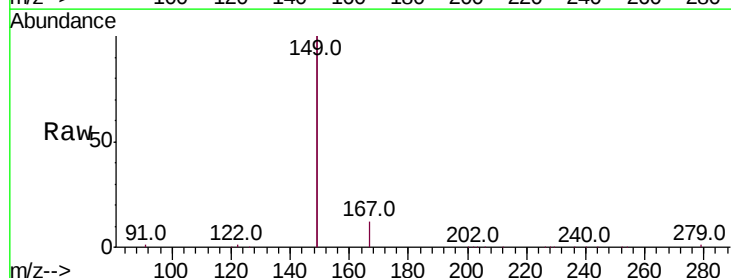
Tgt Ion:149 Resp: 35728

Ion Ratio Lower Upper

149 100

167 6.3 5.4 8.0

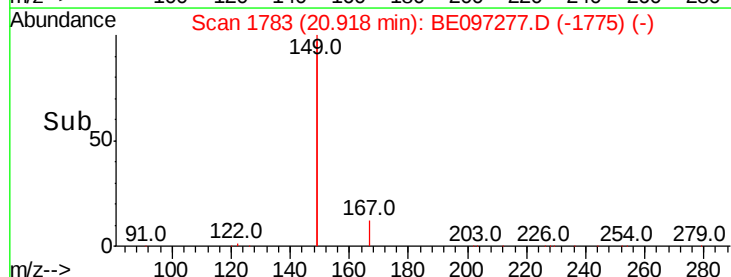
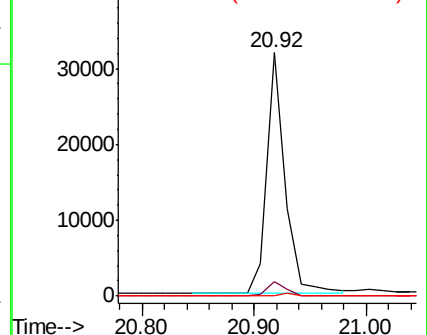
279 0.9 0.7 1.1

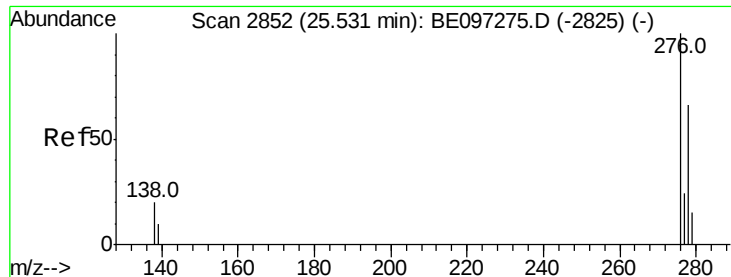


Abundance Ion 149.00 (148.70 to 149.70): E

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: 2.347 ng

RT: 25.52 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

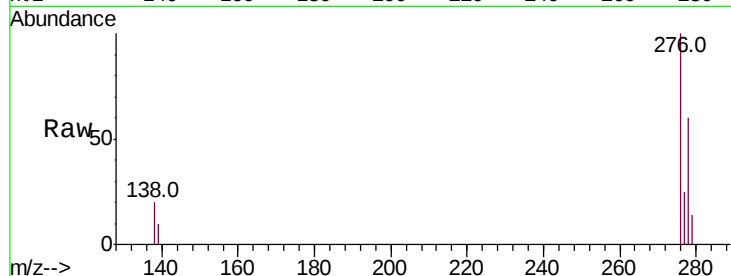
Tot Ion:276 Resp: 30318

Ion Ratio Lower Upper

276 100

138 21.0 22.5 33.7#

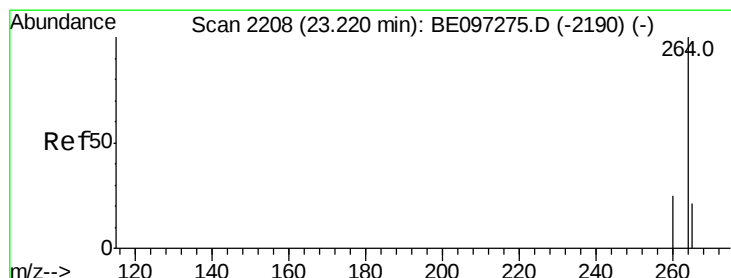
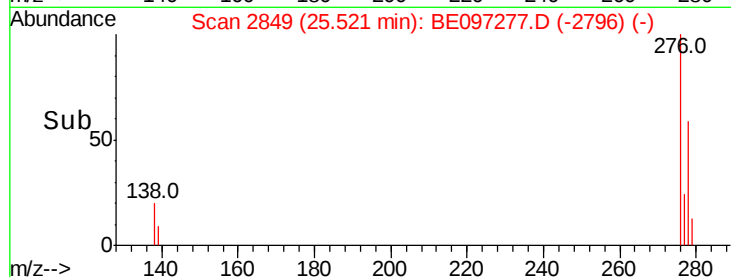
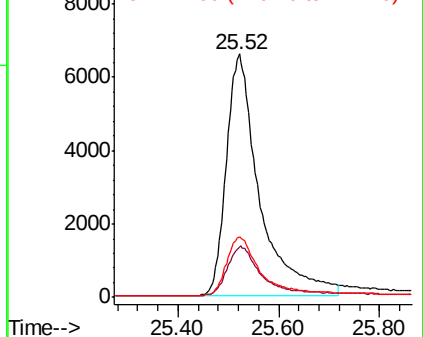
277 24.9 19.9 29.9



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: 23.22 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

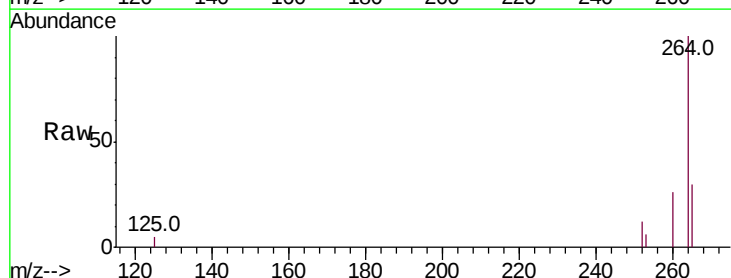
Tgt Ion:264 Resp: 5807

Ion Ratio Lower Upper

264 100

260 26.0 20.5 30.7

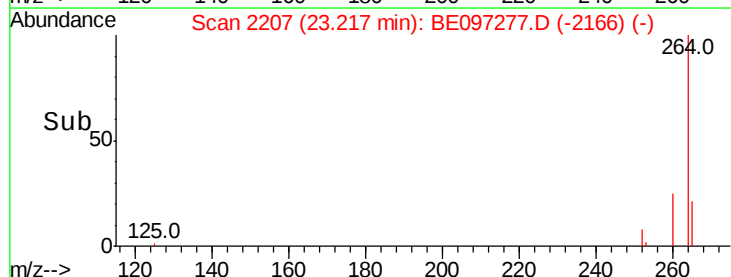
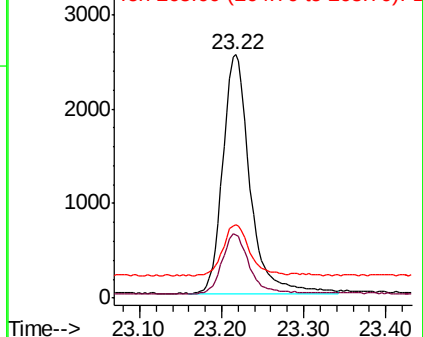
265 30.1 22.8 34.2

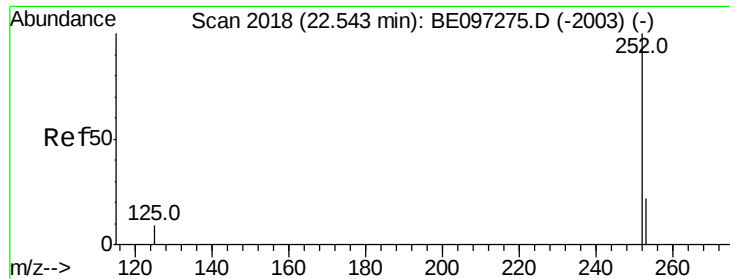


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 1.703 ng

RT: 22.54 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

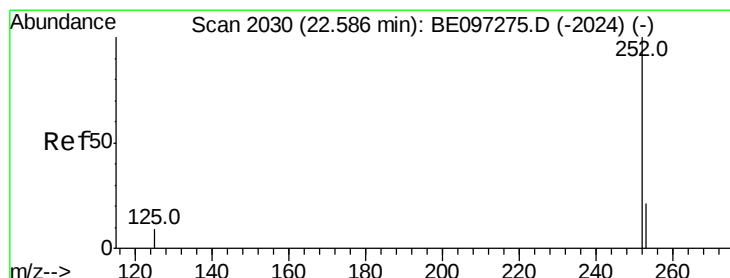
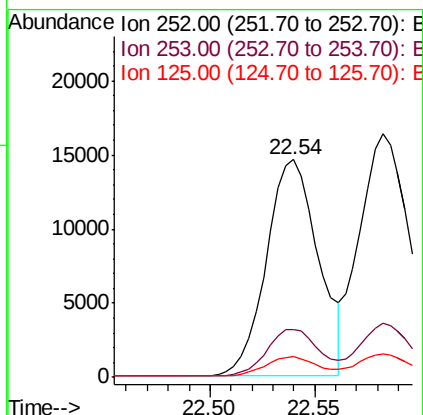
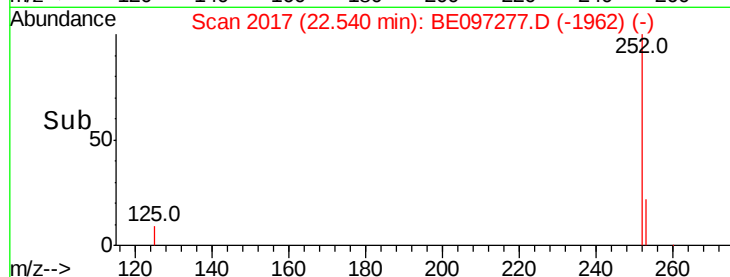
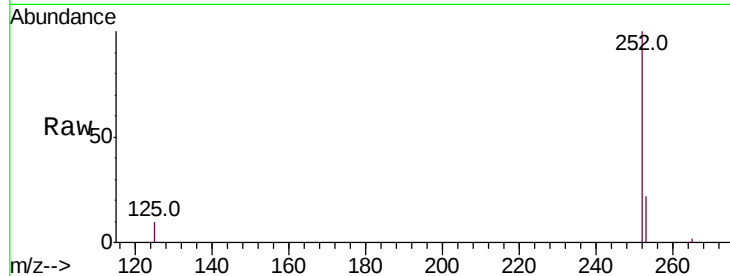
Tot Ion:252 Resp: 25243

Ion Ratio Lower Upper

252 100

253 22.2 20.0 30.0

125 9.6 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 1.740 ng

RT: 22.58 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

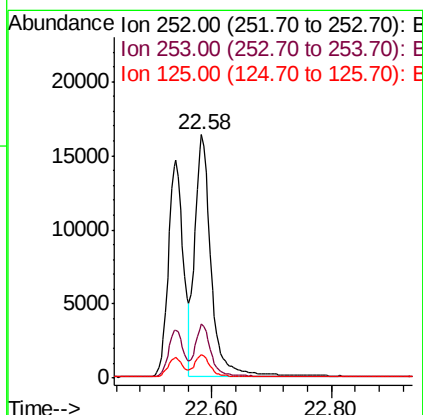
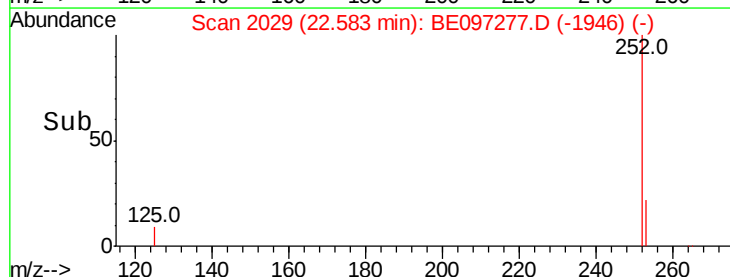
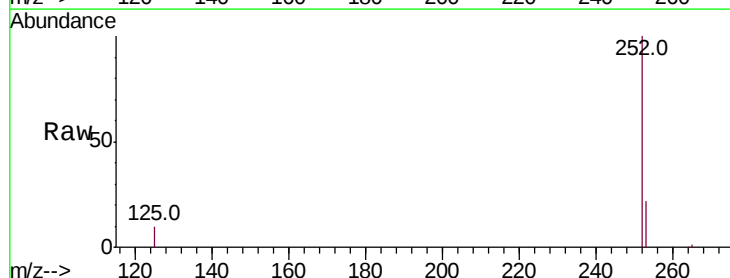
Tgt Ion:252 Resp: 30677

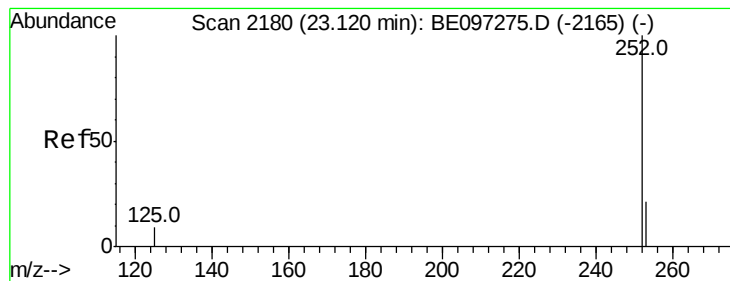
Ion Ratio Lower Upper

252 100

253 22.1 16.0 24.0

125 9.5 8.0 12.0





#37

Benzo(a)pyrene

Concen: 1.906 ng

RT: 23.12 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

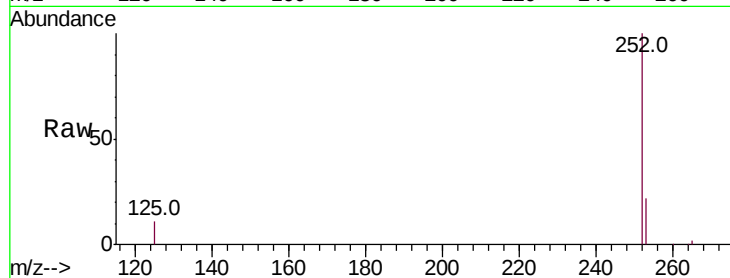
Tot Ion:252 Resp: 25273

Ion Ratio Lower Upper

252 100

253 22.5 16.0 24.0

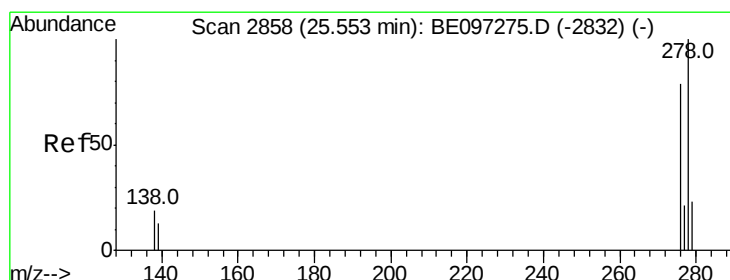
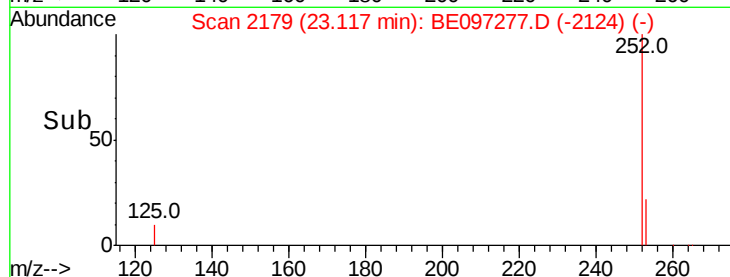
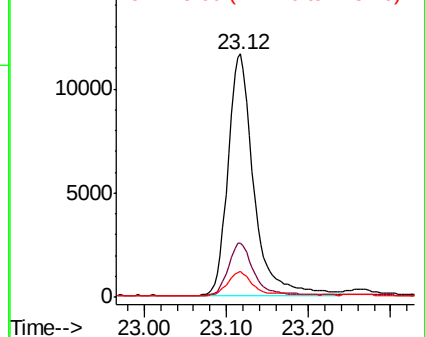
125 10.5 12.0 18.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 2.324 ng

RT: 25.54 min Scan# 2853

Delta R.T. -0.02 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

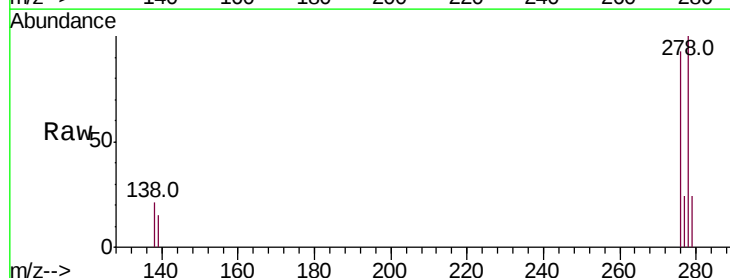
Tgt Ion:278 Resp: 25158

Ion Ratio Lower Upper

278 100

139 14.7 16.0 24.0#

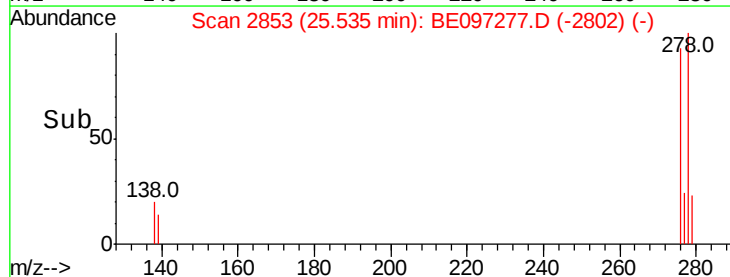
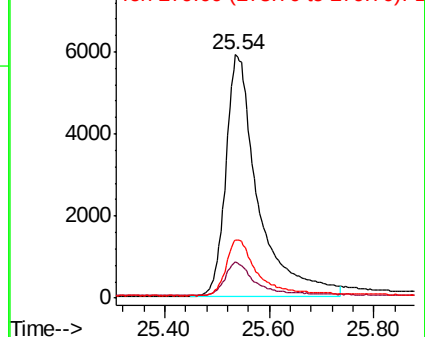
279 23.6 20.0 30.0

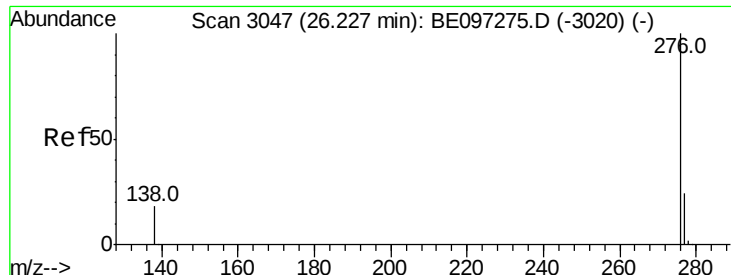


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 2.040 ng

RT: 26.22 min Scan# 3044

Delta R.T. -0.01 min

Lab File: BE097277.D

Acq: 15 Aug 2018 13:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

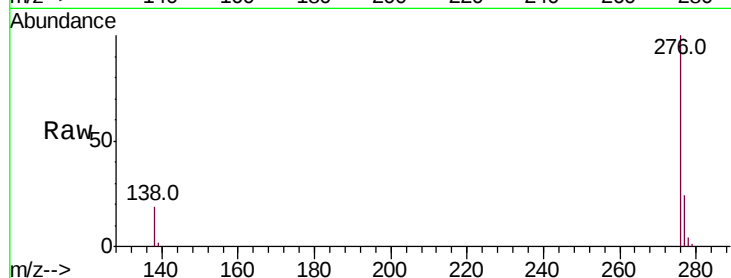
Tot Ion:276 Resp: 24577

Ion Ratio Lower Upper

276 100

277 24.4 16.0 24.0#

138 19.1 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

