

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092418\
 Data File : BE097645.D
 Acq On : 24 Sep 2018 15:08
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Sep 24 16:29:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 16:28:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	684	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3481	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2515	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	8067	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8415	0.40	ng	0.00
34) Perylene-d12	23.21	264	8016	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	335	0.16	ng	0.01
5) Phenol-d6	6.64	99	257	0.10	ng	0.02
8) Nitrobenzene-d5	8.57	82	341	0.13	ng	0.02
11) 2-Methylnaphthalene-d10	11.74	152	1074	0.22	ng	0.02
14) 2,4,6-Tribromophenol	15.54	330	159	0.15	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	1577	0.18	ng	0.01
25) Fluoranthene-d10	18.81	212	16954	0.16	ng	0.00
29) Terphenyl-d14	19.42	244	3230	0.21	ng	0.00

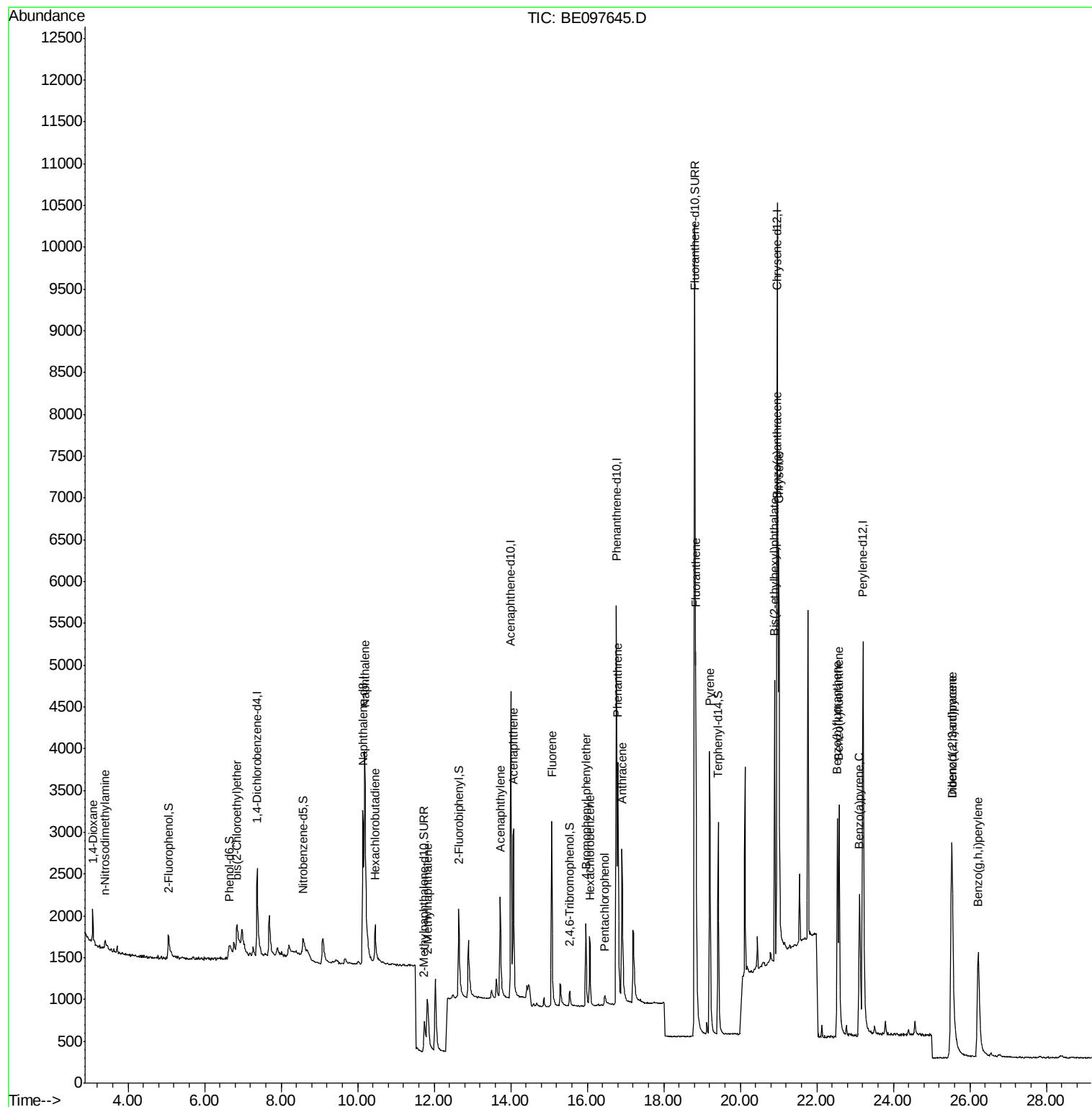
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	321	0.265	ng	# 72
3) n-Nitrosodimethylamine	3.40	42	124	0.116	ng	# 92
6) bis(2-Chloroethyl)ether	6.85	93	423	0.174	ng	# 53
9) Naphthalene	10.19	128	6401	0.204	ng	# 95
10) Hexachlorobutadiene	10.46	225	288	0.199	ng	96
12) 2-Methylnaphthalene	11.82	142	935	0.191	ng	96
16) Acenaphthylene	13.73	152	1837	0.185	ng	98
17) Acenaphthene	14.07	154	1276	0.191	ng	96
18) Fluorene	15.07	166	1758	0.202	ng	# 80
20) 4-Bromophenyl-phenylether	15.97	248	671	0.184	ng	# 84
21) Hexachlorobenzene	16.08	284	818	0.205	ng	# 83
22) Pentachlorophenol	16.46	266	120	0.086	ng	92
23) Phenanthrene	16.80	178	3546	0.185	ng	99
24) Anthracene	16.90	178	2778	0.164	ng	95
26) Fluoranthene	18.84	202	4136	0.156	ng	98
28) Pyrene	19.21	202	4452	0.232	ng	100
30) Benzo(a)anthracene	20.95	228	3387	0.160	ng	97
31) Chrysene	21.00	228	4833	0.213	ng	98
32) Bis(2-ethylhexyl)phthalate	20.89	149	4247	0.101	ng	# 98
33) Indeno(1,2,3-cd)pyrene	25.52	276	4793	0.175	ng	# 92
35) Benzo(b)fluoranthene	22.54	252	3760	0.183	ng	# 93
36) Benzo(k)fluoranthene	22.58	252	4518	0.192	ng	# 91
37) Benzo(a)pyrene	23.11	252	3844	0.182	ng	# 87
38) Dibenzo(a,h)anthracene	25.54	278	3860	0.179	ng	95
39) Benzo(g,h,i)perylene	26.22	276	3946	0.188	ng	# 89

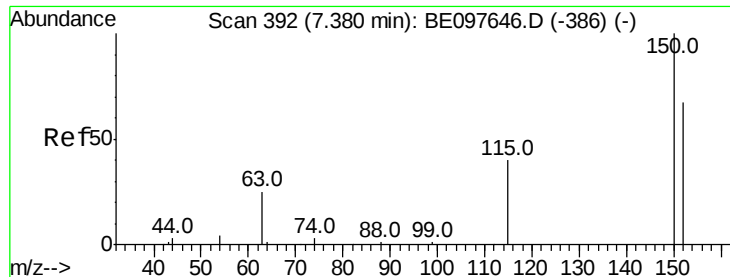
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.38 min Scan# 392

Delta R.T. 0.00 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

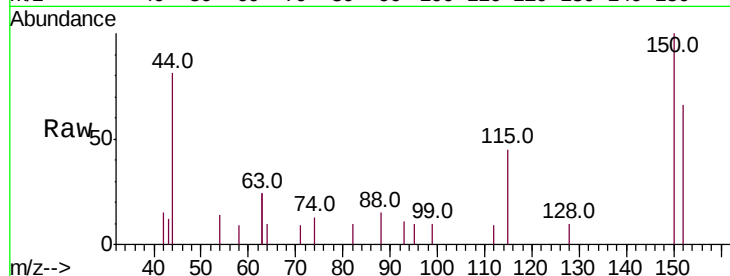
Tot Ion:152 Resp: 684

Ion Ratio Lower Upper

152 100

150 151.8 117.2 175.8

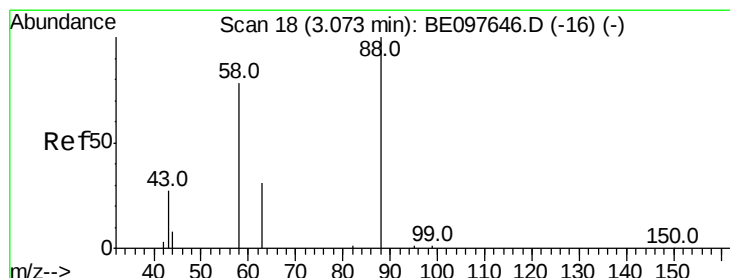
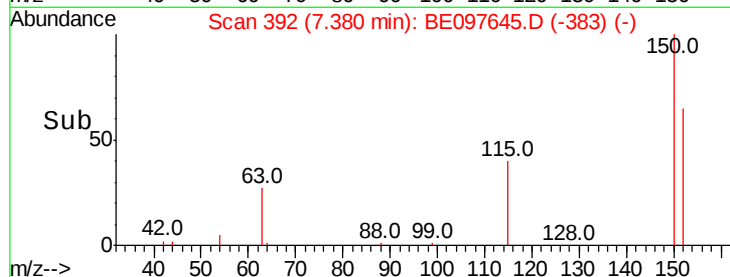
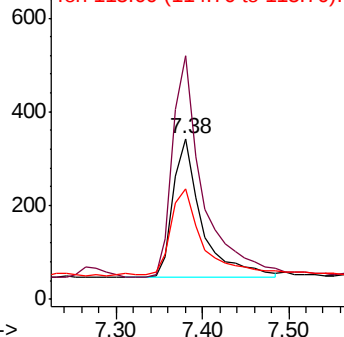
115 69.0 57.0 85.6



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: 0.265 ng

RT: 3.07 min Scan# 18

Delta R.T. 0.00 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

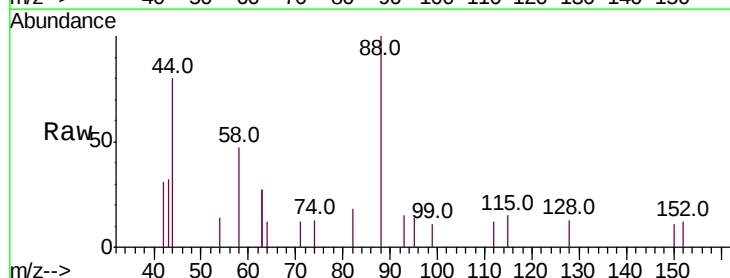
Tgt Ion: 88 Resp: 321

Ion Ratio Lower Upper

88 100

58 58.3 63.2 94.8#

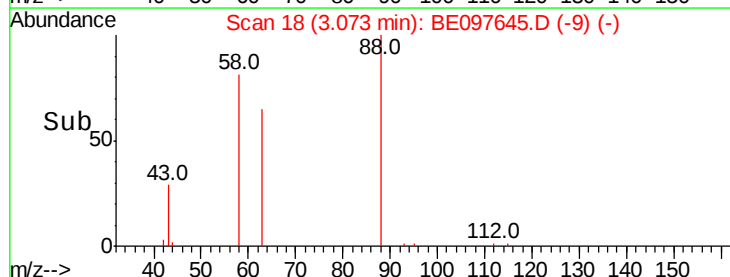
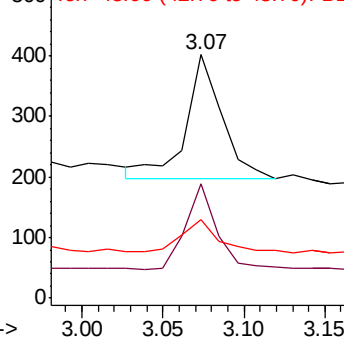
43 27.4 41.2 61.8#

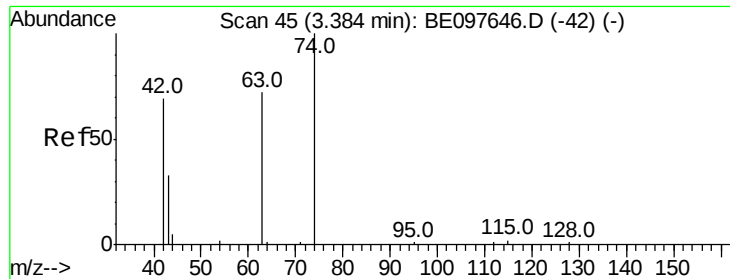


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.116 ng

RT: 3.40 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

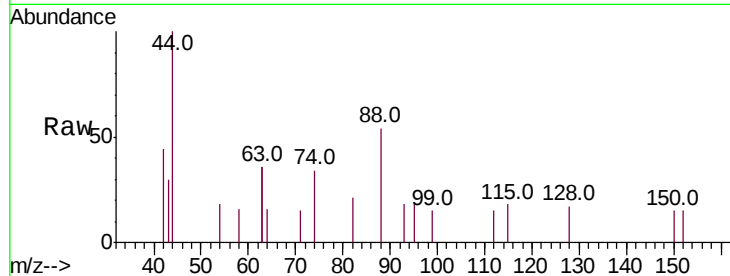
Tot Ion: 42 Resp: 124

Ion Ratio Lower Upper

42 100

74 128.2 96.0 144.0

44 11.3 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

400

300

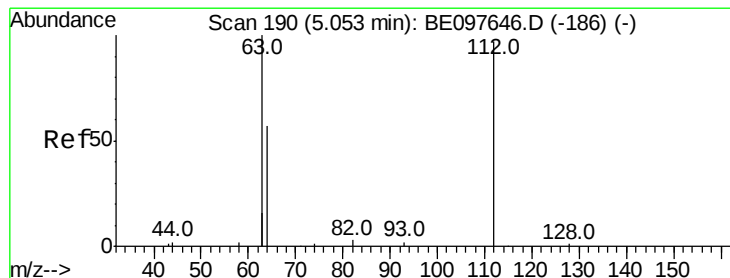
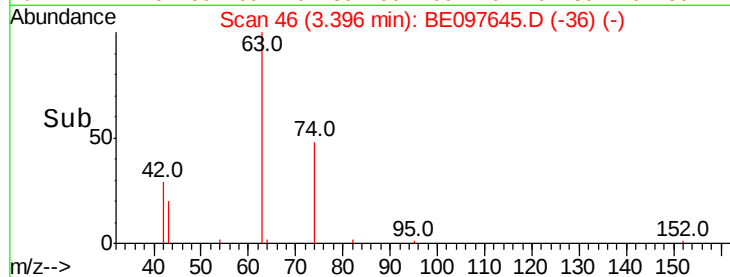
200

100

0

3.35 3.40 3.45

Time-->



#4

2-Fluorophenol

Concen: 0.163 ng

RT: 5.07 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

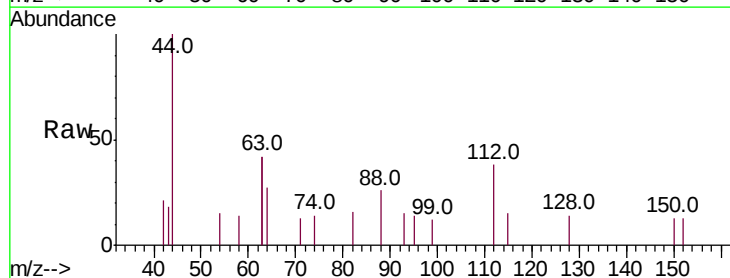
Tgt Ion: 112 Resp: 335

Ion Ratio Lower Upper

112 100

64 63.9 60.1 90.1

63 156.7 116.8 175.2



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

400

300

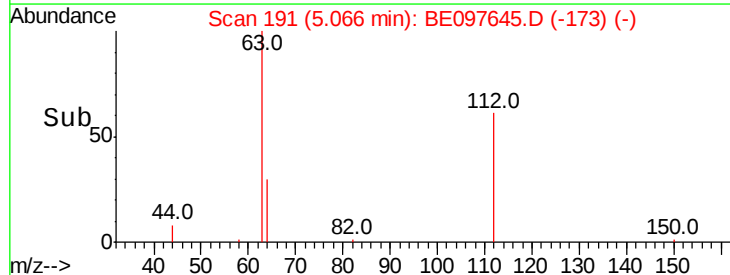
200

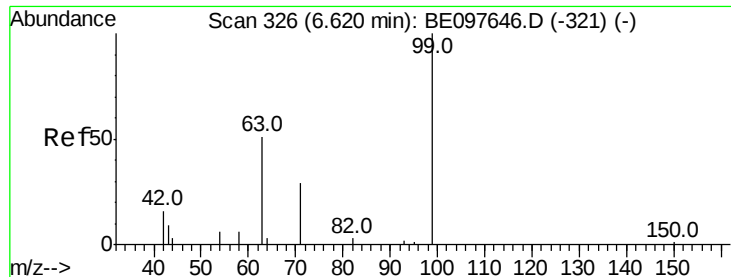
100

0

4.90 5.00 5.10 5.20

Time-->





#5

Phenol-d6

Concen: 0.098 ng

RT: 6.64 min Scan# 328

Delta R.T. 0.02 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

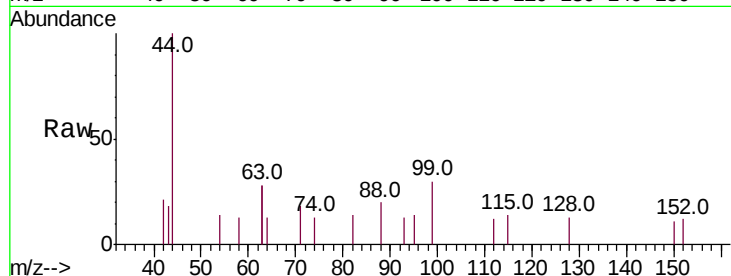
Tot Ion: 99 Resp: 257

Ion Ratio Lower Upper

99 100

42 23.0 20.2 30.2

71 29.2 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

6.64

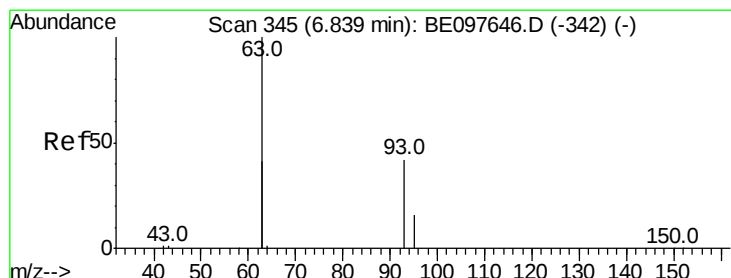
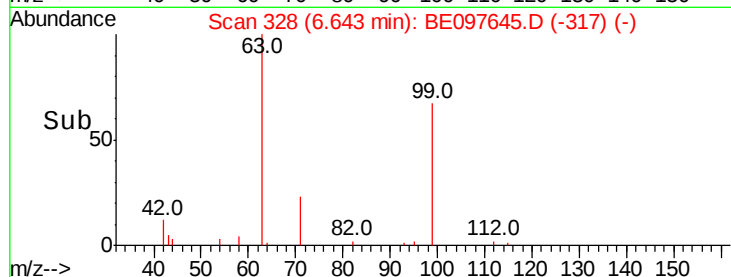
100

50

0

6.55 6.60 6.65 6.70

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.174 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.01 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

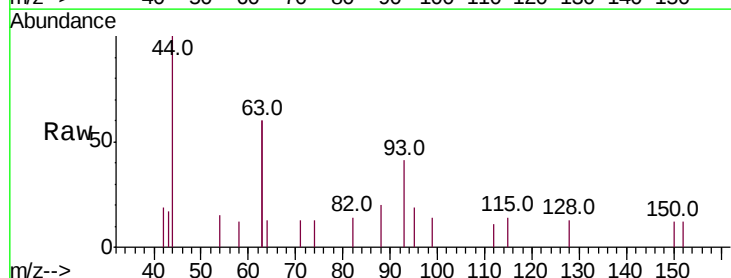
Tgt Ion: 93 Resp: 423

Ion Ratio Lower Upper

93 100

63 236.9 275.3 412.9#

95 20.8 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

6.85

600

500

400

300

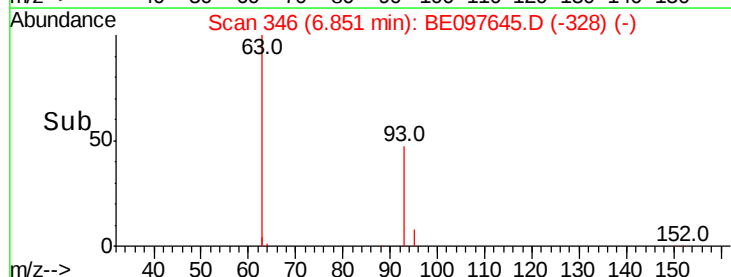
200

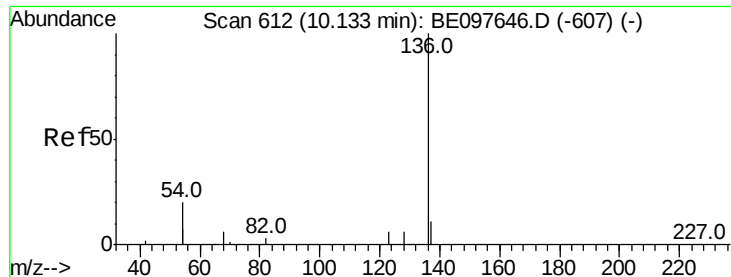
100

0

6.80 6.90 7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

Tot Ion:136 Resp: 3481

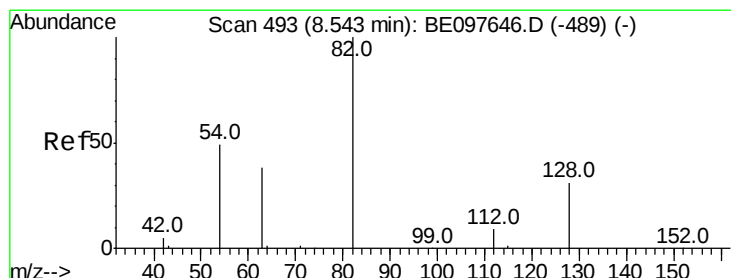
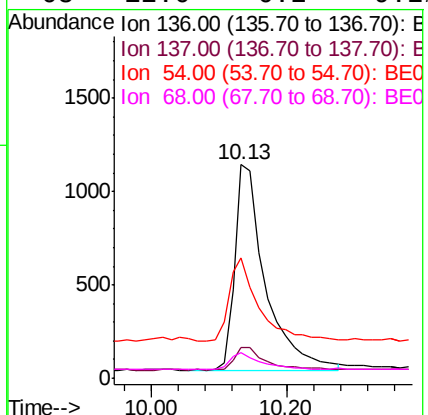
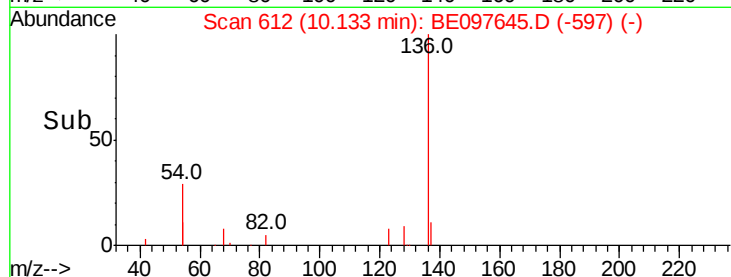
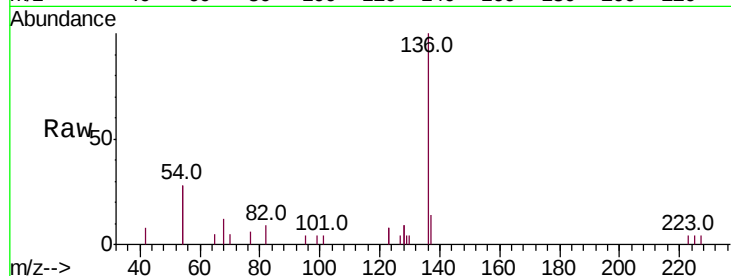
Ion Ratio Lower Upper

136 100

137 14.2 9.5 14.3

54 56.1 29.1 43.7#

68 12.0 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.127 ng

RT: 8.57 min Scan# 495

Delta R.T. 0.02 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

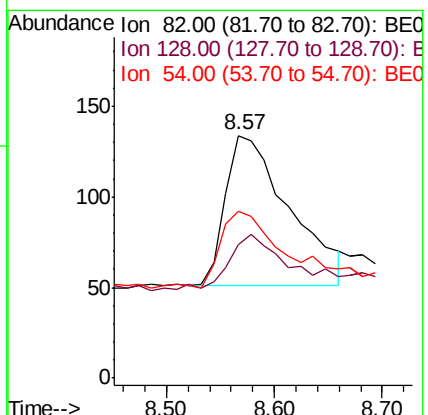
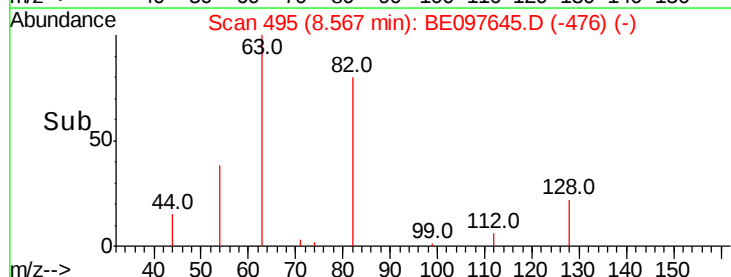
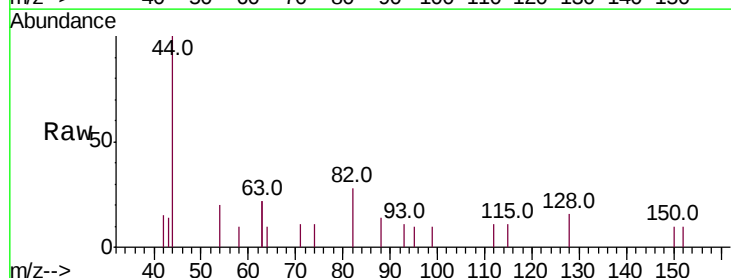
Tgt Ion: 82 Resp: 341

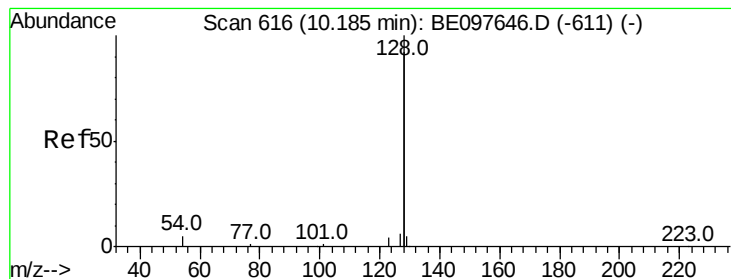
Ion Ratio Lower Upper

82 100

128 55.2 24.0 36.0#

54 68.7 40.0 60.0#





#9

Naphthalene

Concen: 0.204 ng

RT: 10.19 min Scan# 616

Delta R.T. -0.00 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

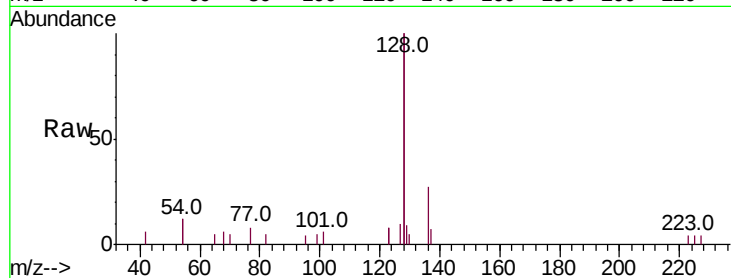
Tot Ion:128 Resp: 6401

Ion Ratio Lower Upper

128 100

129 4.7 2.6 3.8#

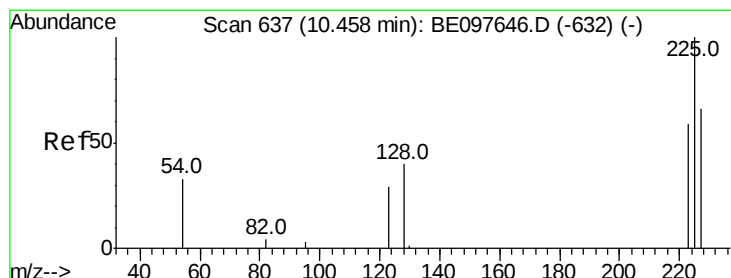
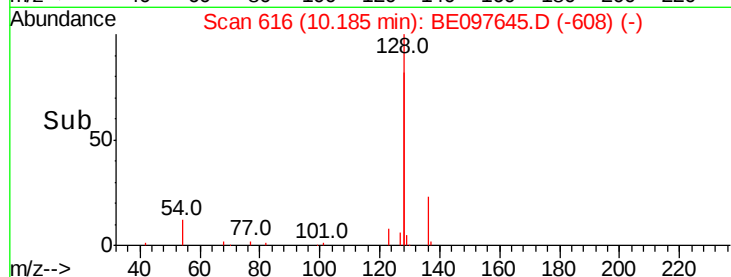
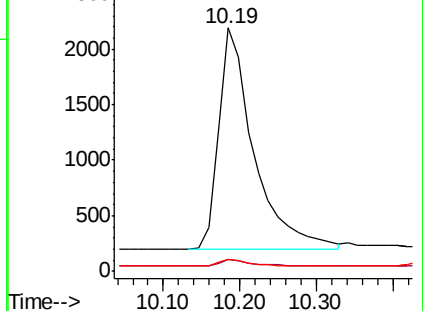
127 5.0 2.8 4.2#



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: 0.199 ng

RT: 10.46 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

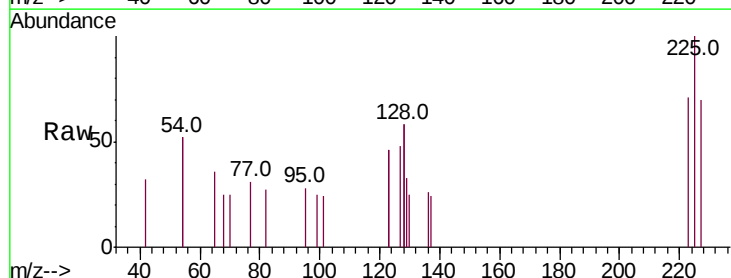
Tgt Ion:225 Resp: 288

Ion Ratio Lower Upper

225 100

223 60.8 53.0 79.6

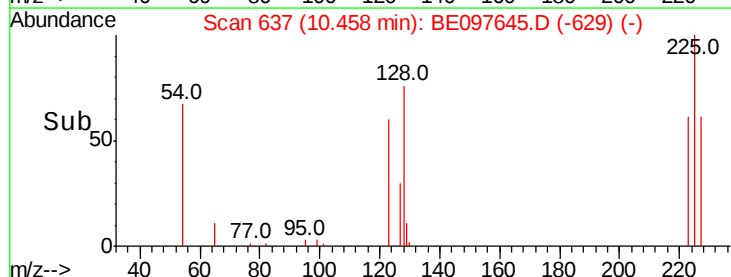
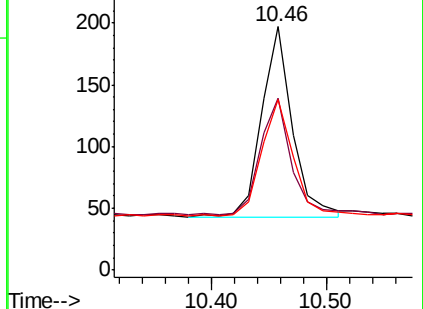
227 63.2 51.4 77.2

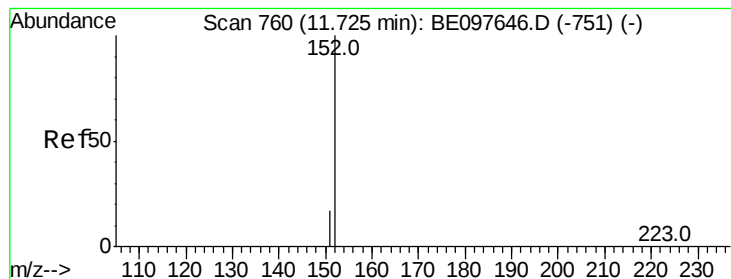


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.224 ng

RT: 11.74 min Scan# 764

Delta R.T. 0.02 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

Instrument :

BNA_E

ClientSampleId :

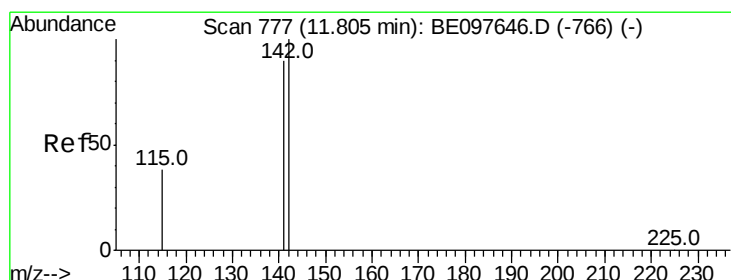
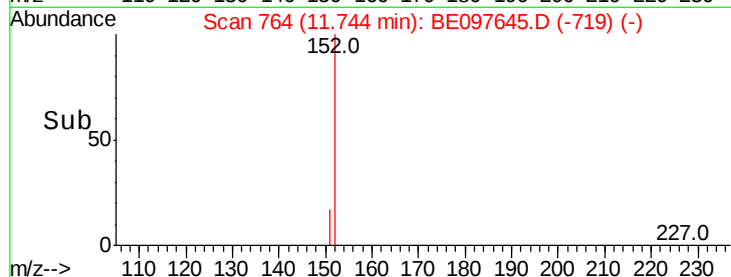
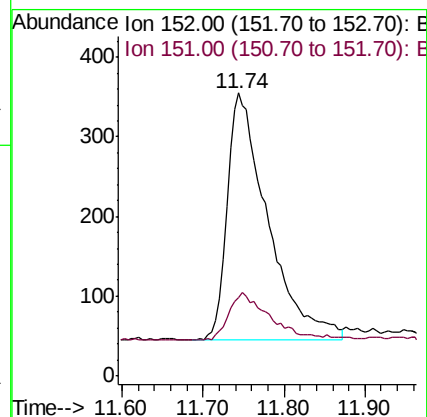
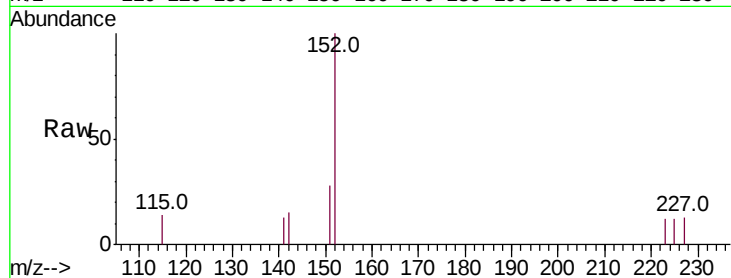
SSTDICC0.2

Tot Ion:152 Resp: 1074

Ion Ratio Lower Upper

152 100

151 19.4 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.191 ng

RT: 11.82 min Scan# 781

Delta R.T. 0.02 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

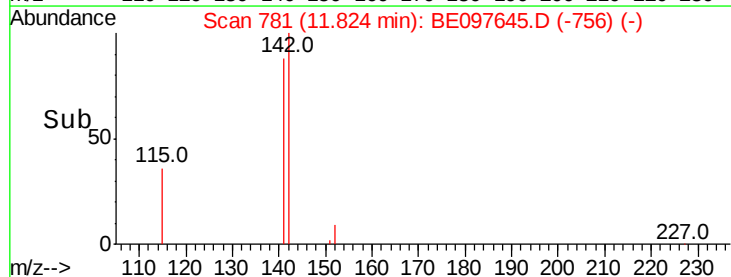
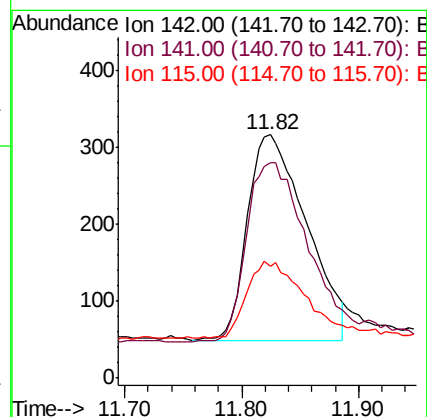
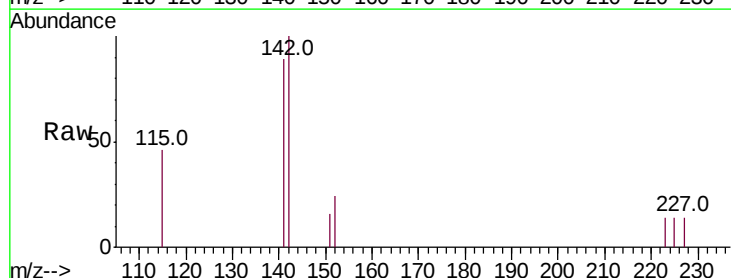
Tgt Ion:142 Resp: 935

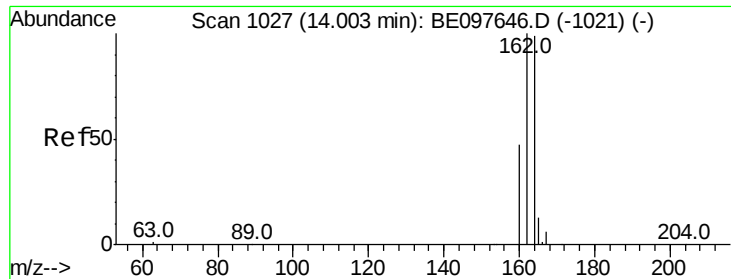
Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6

115 46.1 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

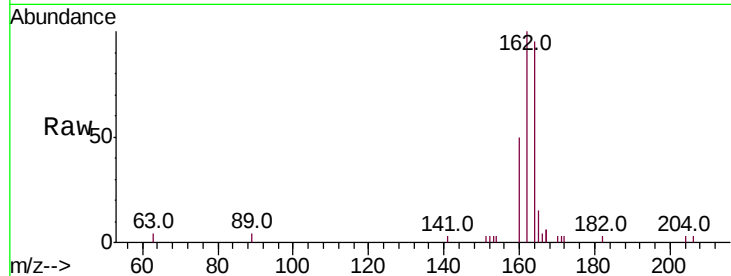
Tot Ion:164 Resp: 2515

Ion Ratio Lower Upper

164 100

162 104.8 83.1 124.7

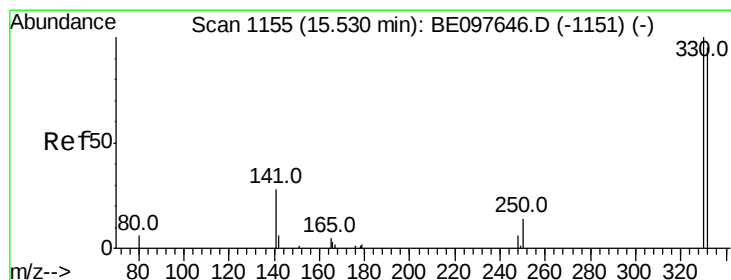
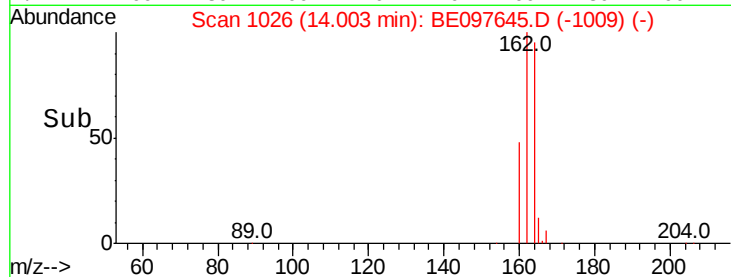
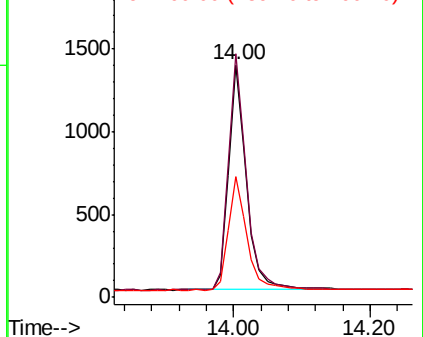
160 52.1 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

2000 Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.152 ng

RT: 15.54 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

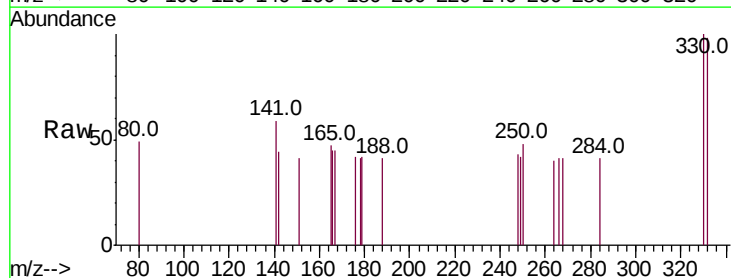
Tgt Ion:330 Resp: 159

Ion Ratio Lower Upper

330 100

332 100.0 152.7 229.1#

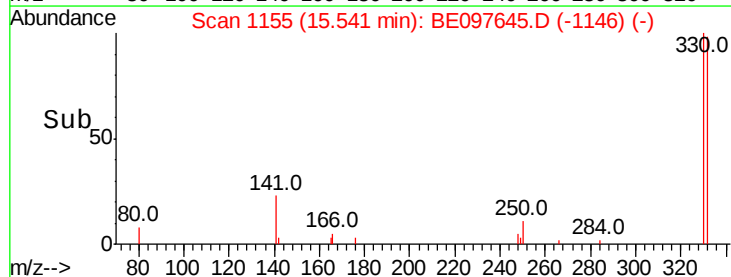
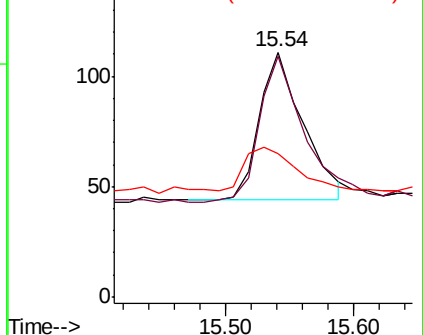
141 34.6 33.7 50.5

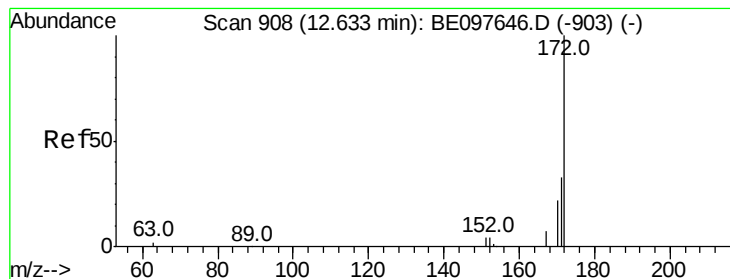


Abundance Ion 330.00 (329.70 to 330.70): E

150 Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.177 ng

RT: 12.64 min Scan# 908

Delta R.T. 0.01 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

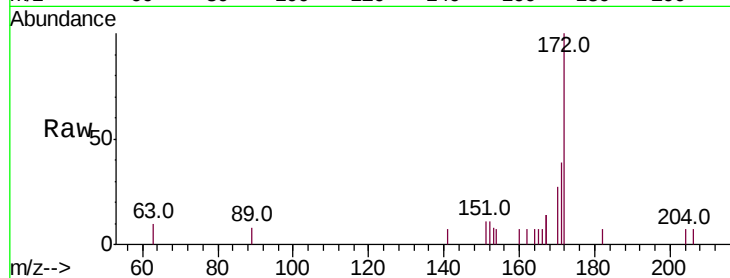
Tot Ion:172 Resp: 1577

Ion Ratio Lower Upper

172 100

171 38.7 29.9 44.9

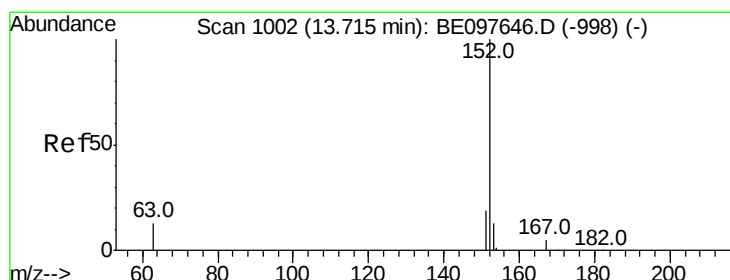
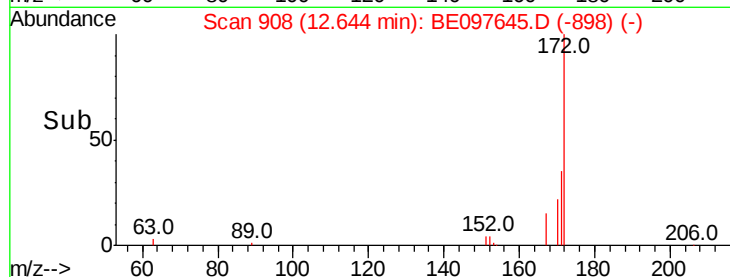
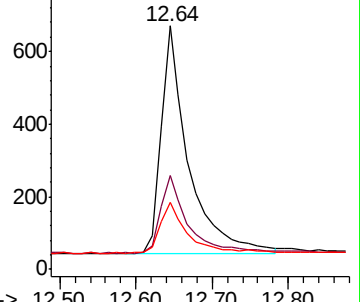
170 27.4 21.8 32.8



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: 0.185 ng

RT: 13.73 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

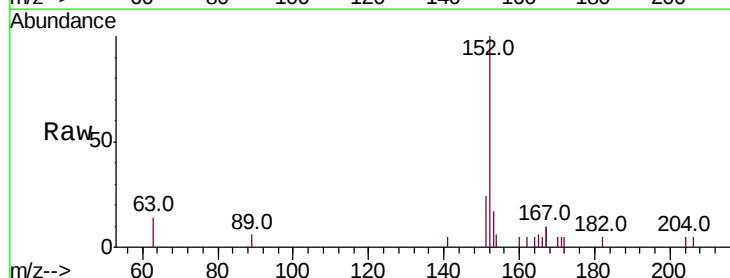
Tgt Ion:152 Resp: 1837

Ion Ratio Lower Upper

152 100

151 20.6 15.7 23.5

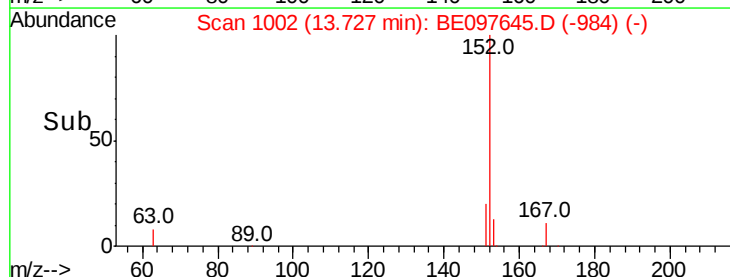
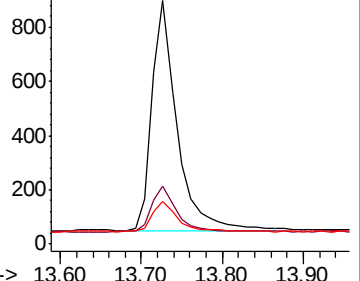
153 13.4 10.5 15.7

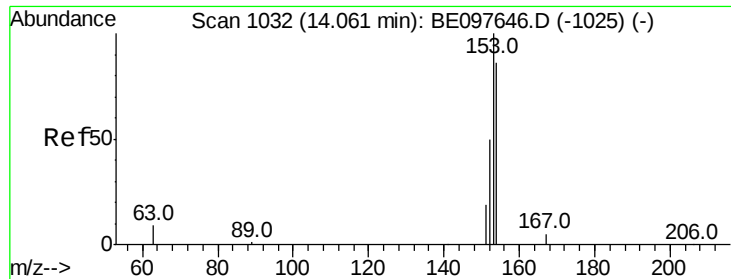


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

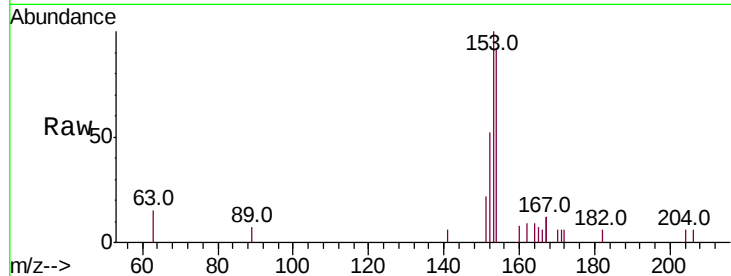




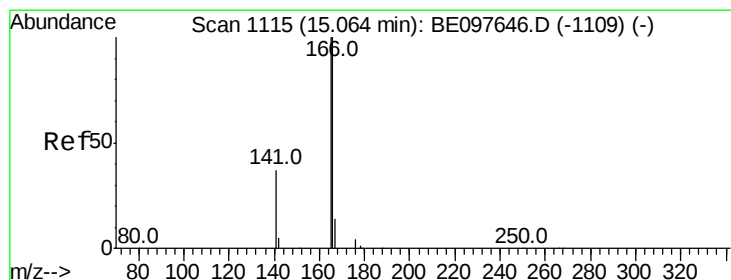
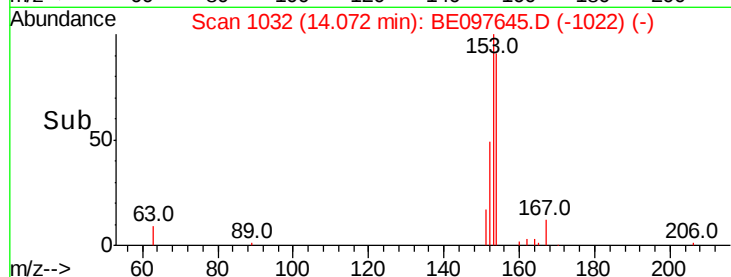
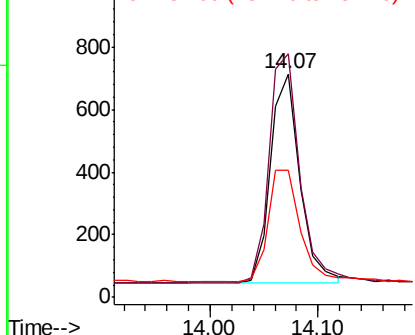
#17
Acenaphthene
Concen: 0.191 ng
RT: 14.07 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:154 Resp: 1276
Ion Ratio Lower Upper
154 100
153 114.0 89.2 133.8
152 57.9 42.0 63.0

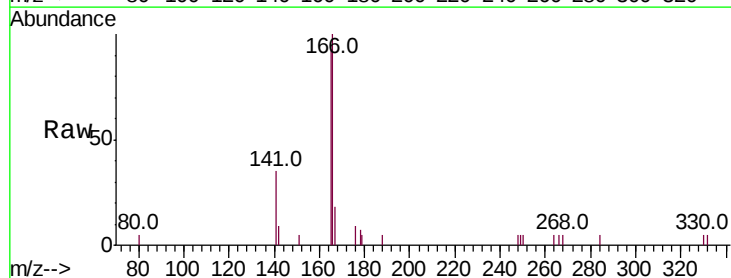


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

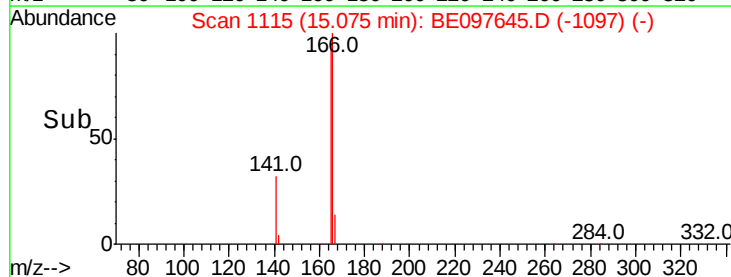
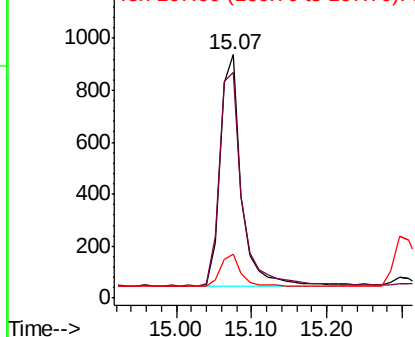


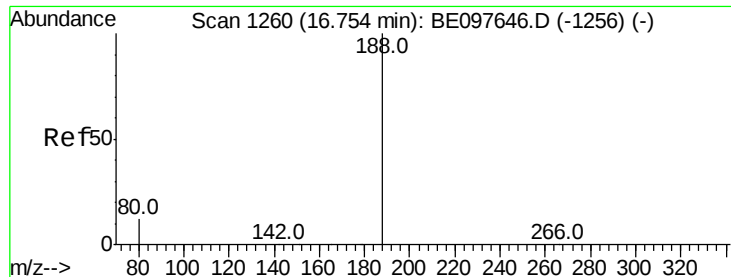
#18
Fluorene
Concen: 0.202 ng
RT: 15.07 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Tgt Ion:166 Resp: 1758
Ion Ratio Lower Upper
166 100
165 98.5 77.8 116.6
167 13.9 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# 1260

Delta R.T. 0.01 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

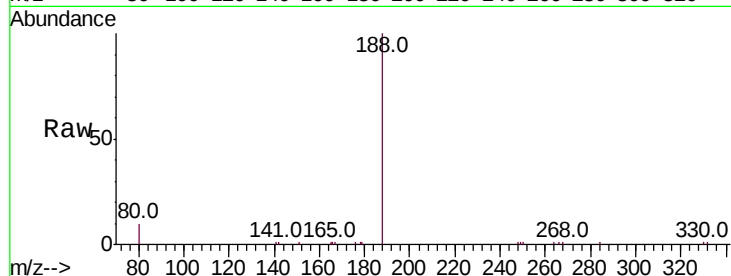
Tot Ion:188 Resp: 8067

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

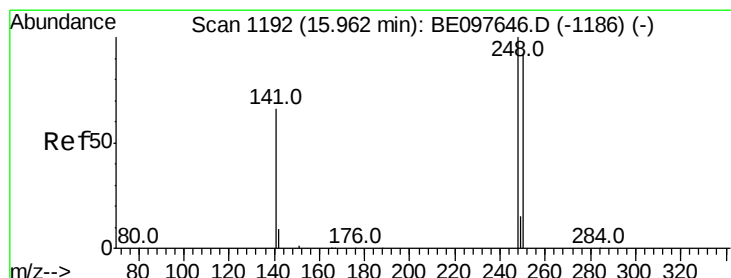
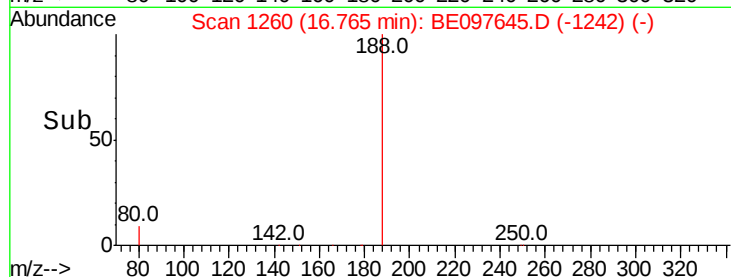
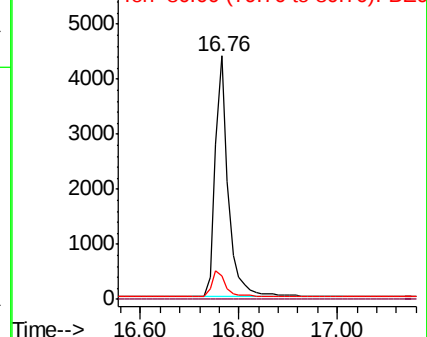
80 9.7 3.6 5.4#



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: 0.184 ng

RT: 15.97 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

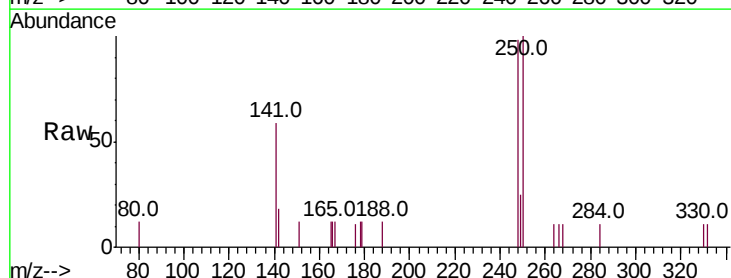
Tgt Ion:248 Resp: 671

Ion Ratio Lower Upper

248 100

250 102.3 62.7 94.1#

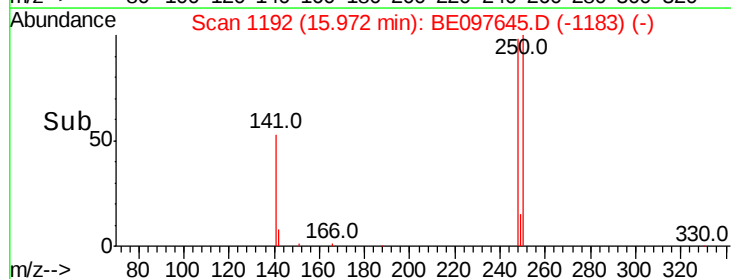
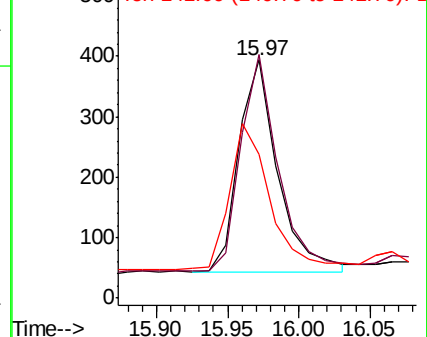
141 60.4 48.2 72.2

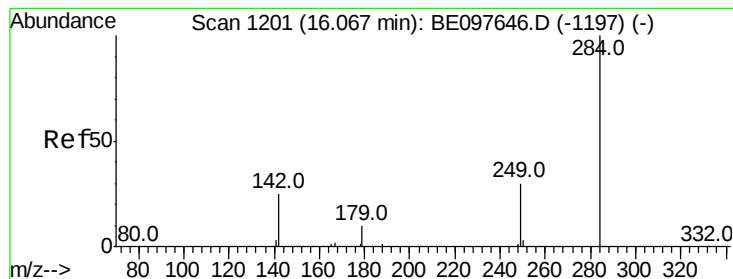


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.205 ng

RT: 16.08 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

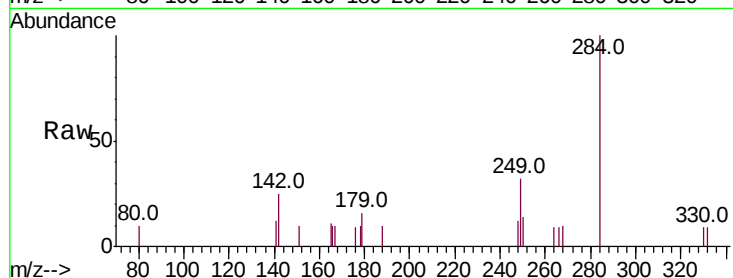
Tot Ion:284 Resp: 818

Ion Ratio Lower Upper

284 100

142 31.4 22.1 33.1

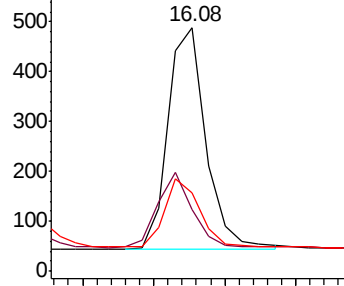
249 28.7 34.8 52.2#



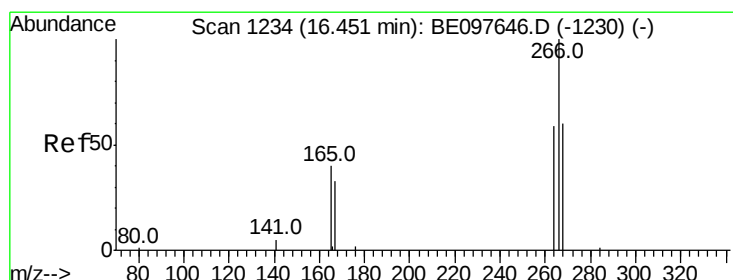
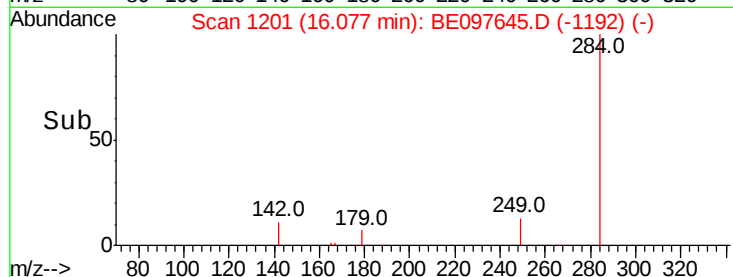
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#22

Pentachlorophenol

Concen: 0.086 ng

RT: 16.46 min Scan# 1234

Delta R.T. 0.01 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

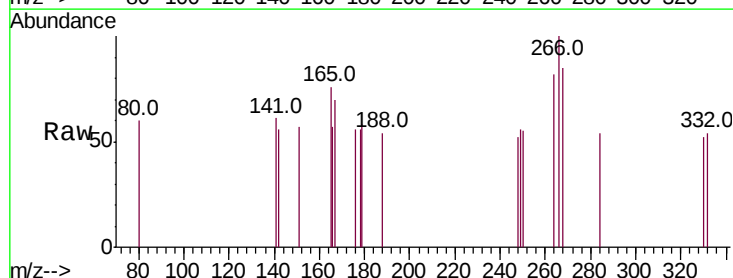
Tgt Ion:266 Resp: 120

Ion Ratio Lower Upper

266 100

264 82.1 72.5 108.7

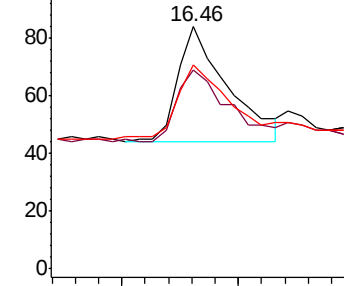
268 84.5 73.8 110.6



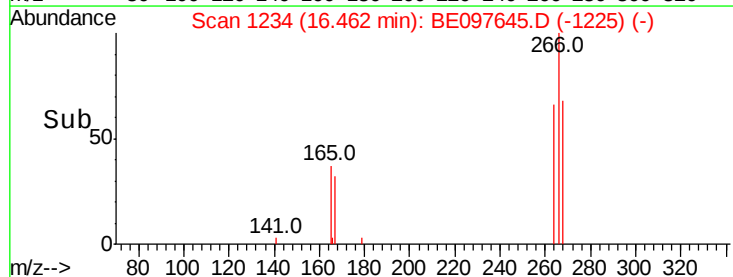
Abundance Ion 266.00 (265.70 to 266.70): E

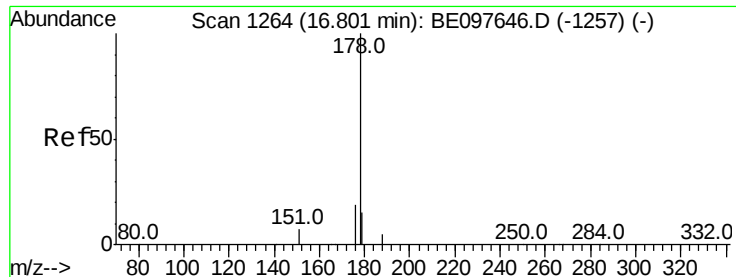
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





#23

Phenanthrene

Concen: 0.185 ng

RT: 16.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

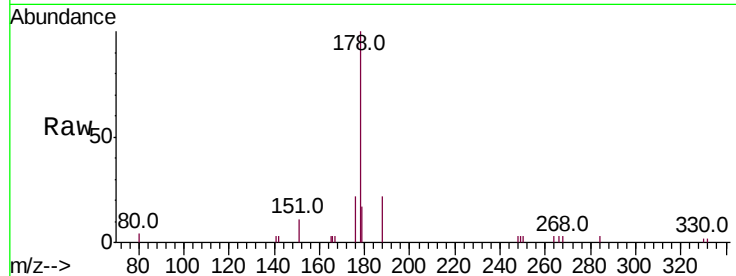
Tot Ion:178 Resp: 3546

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

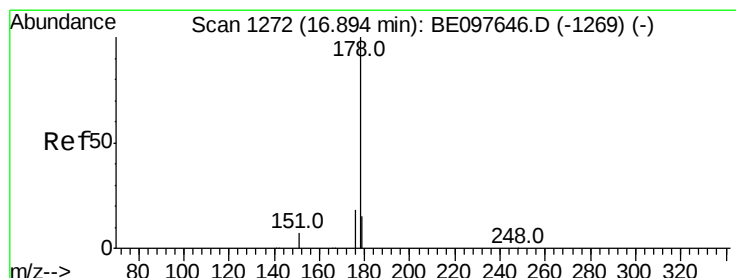
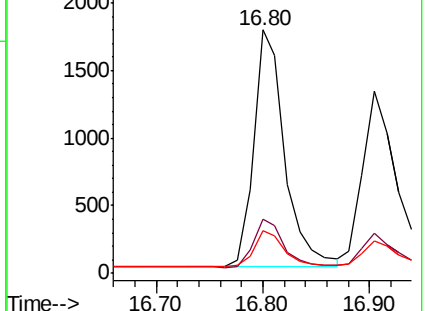
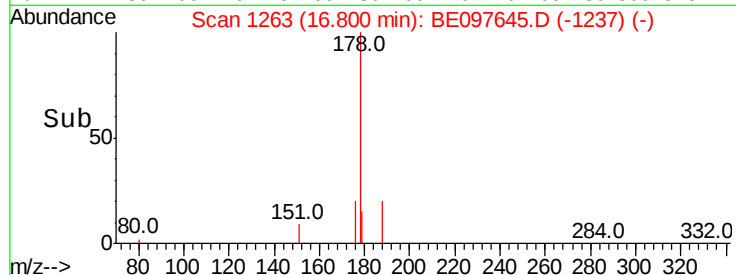
179 15.3 11.8 17.6



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: 0.164 ng

RT: 16.90 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

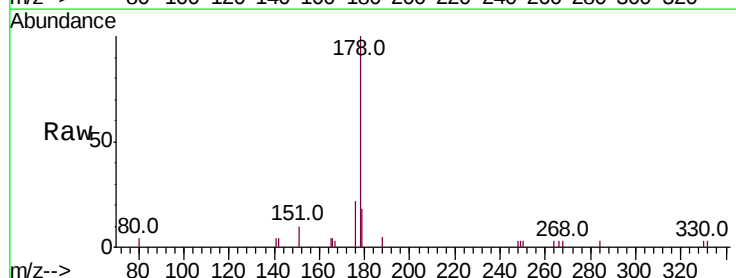
Tgt Ion:178 Resp: 2778

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

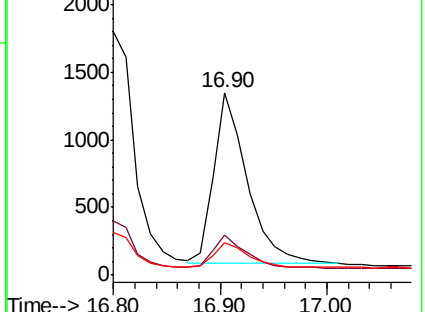
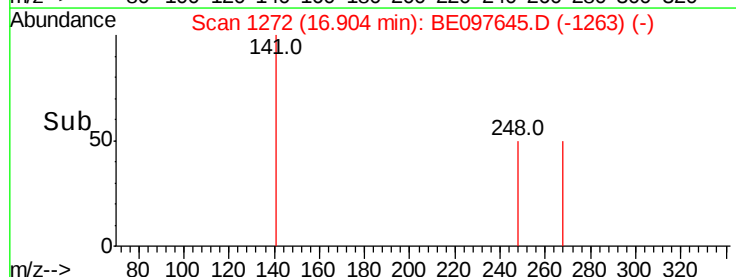
179 15.0 13.0 19.6

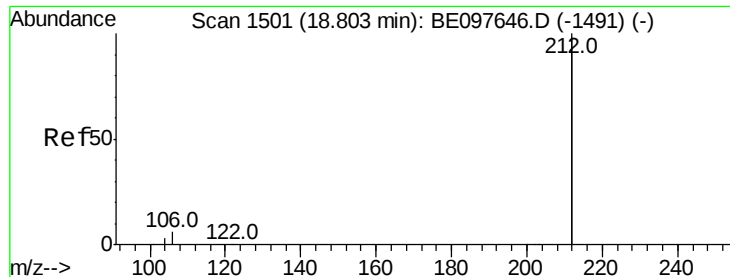


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.164 ng

RT: 18.81 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

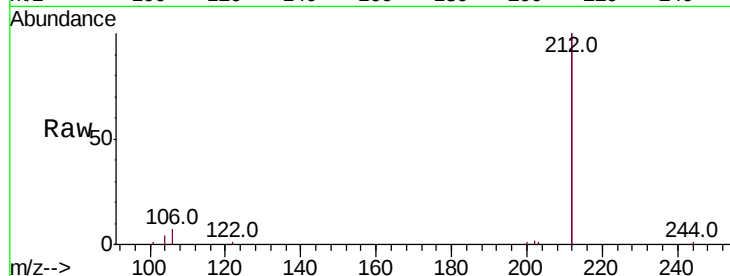
Tot Ion:212 Resp: 16954

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

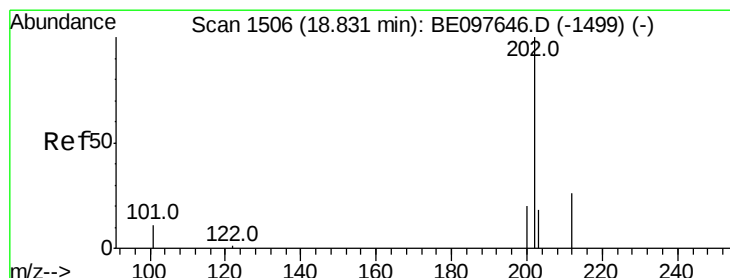
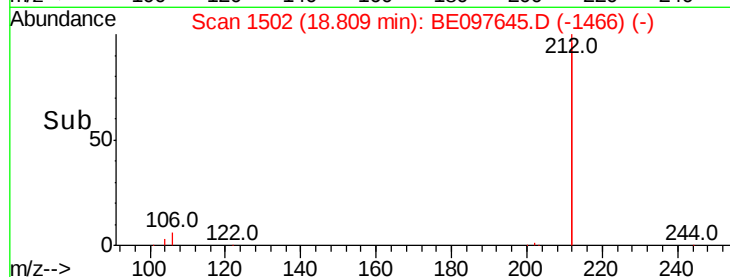
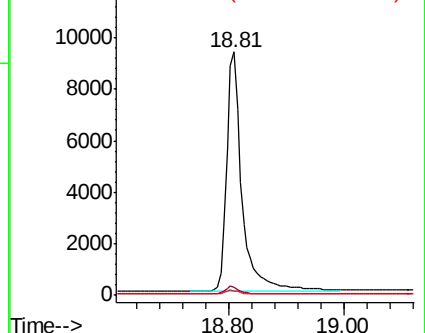
104 1.6 1.6 2.4



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: 0.156 ng

RT: 18.84 min Scan# 1507

Delta R.T. 0.01 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

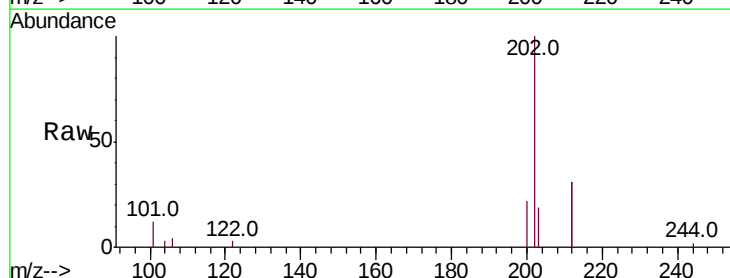
Tgt Ion:202 Resp: 4136

Ion Ratio Lower Upper

202 100

101 10.8 9.8 14.8

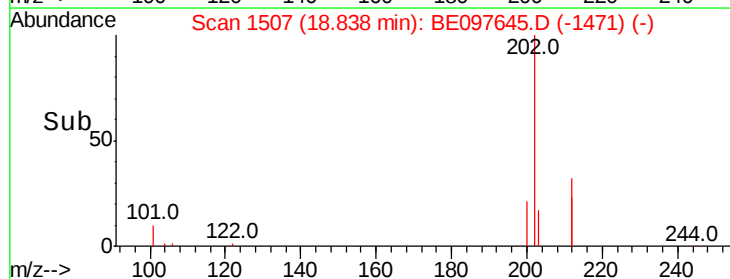
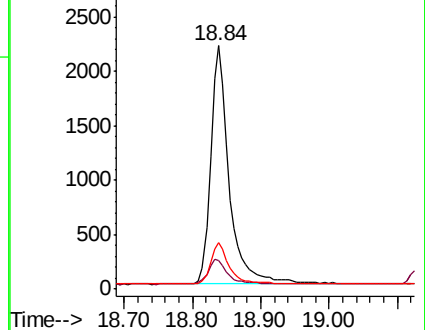
203 16.8 13.7 20.5

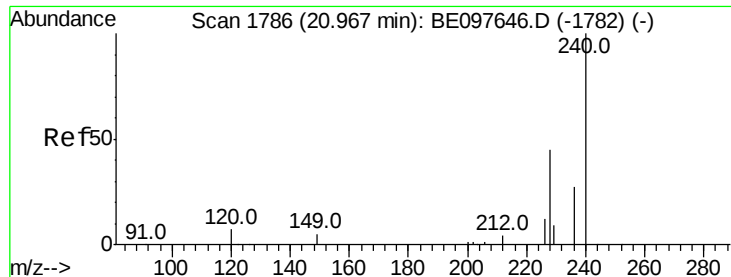


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.97 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

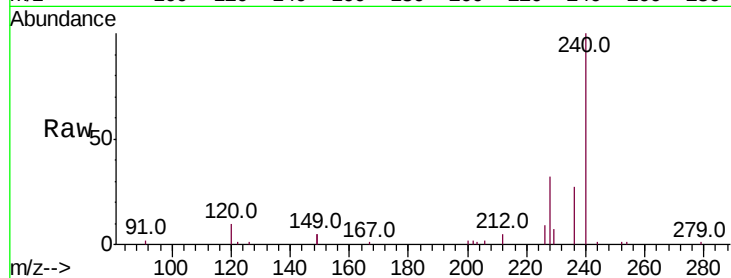
Tot Ion:240 Resp: 8415

Ion Ratio Lower Upper

240 100

120 10.3 5.5 8.3#

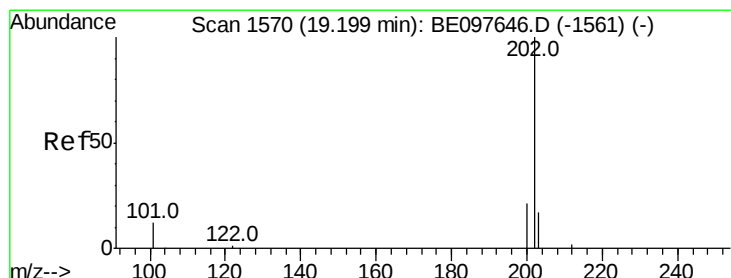
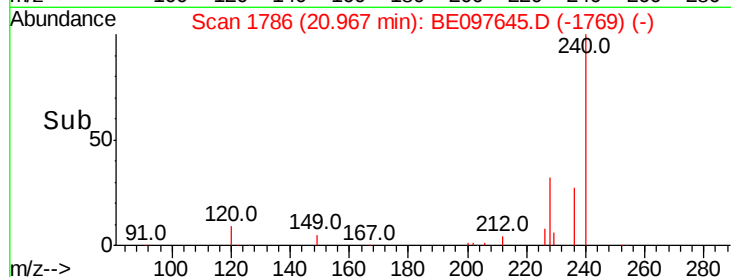
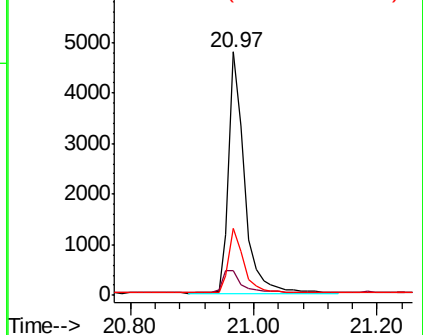
236 27.4 20.7 31.1



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: 0.232 ng

RT: 19.21 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

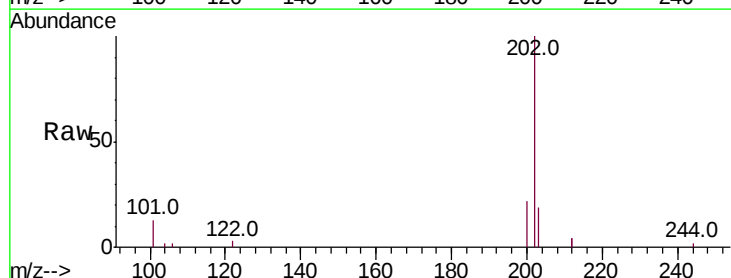
Tgt Ion:202 Resp: 4452

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

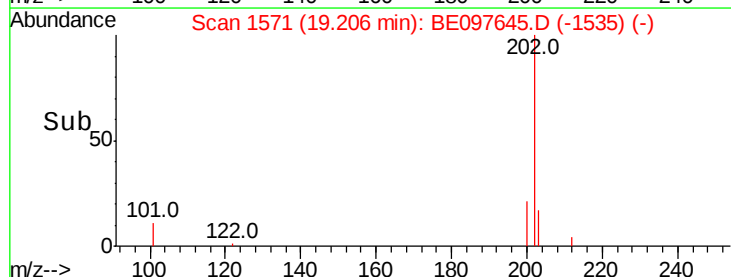
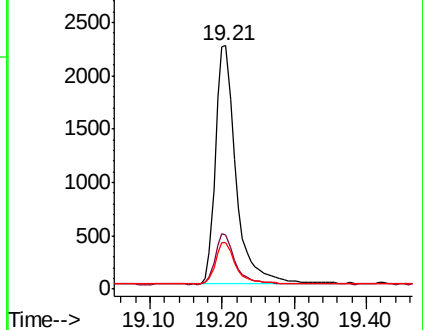
203 17.3 13.8 20.8

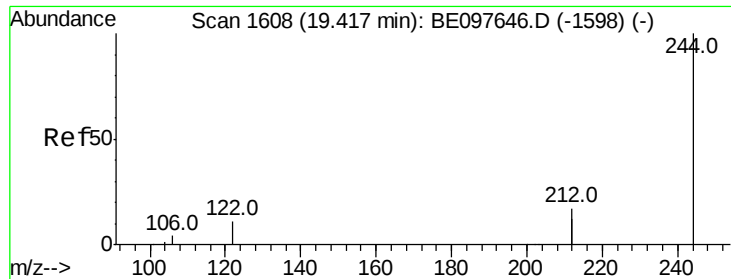


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.210 ng

RT: 19.42 min Scan# 1609

Delta R.T. 0.01 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

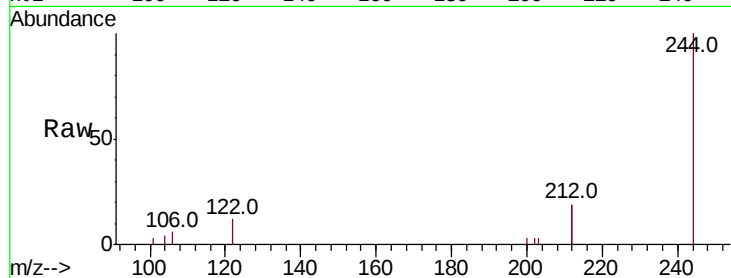
Tot Ion:244 Resp: 3230

Ion Ratio Lower Upper

244 100

212 37.8 25.4 38.0

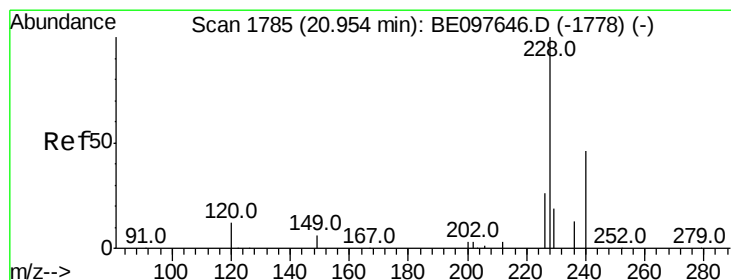
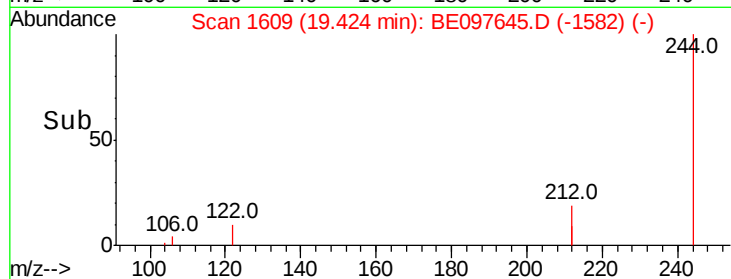
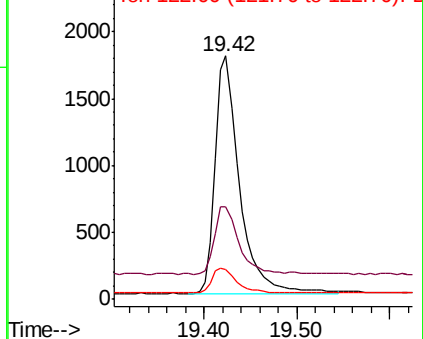
122 12.1 8.1 12.1#



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: 0.160 ng

RT: 20.95 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

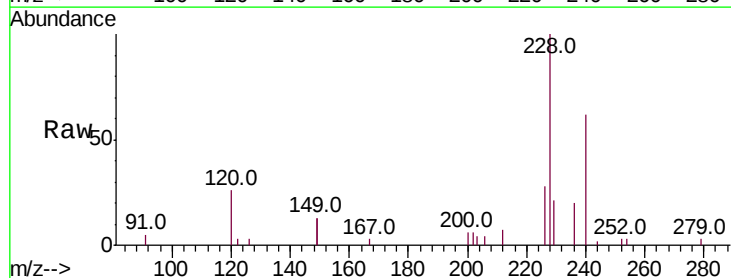
Tgt Ion:228 Resp: 3387

Ion Ratio Lower Upper

228 100

226 27.9 24.0 36.0

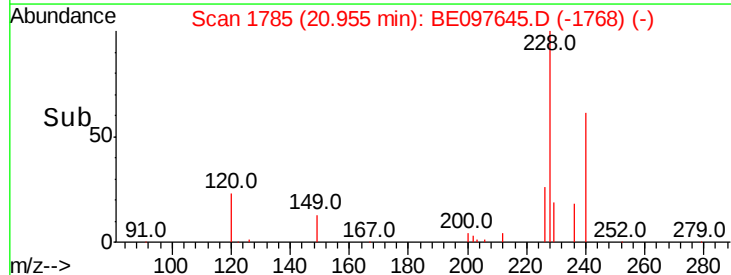
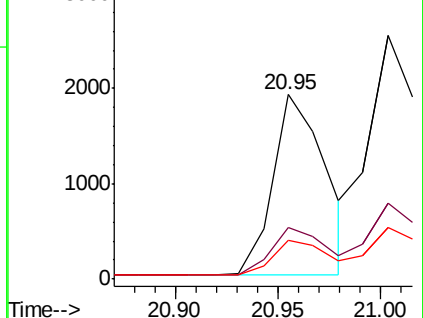
229 21.2 16.0 24.0

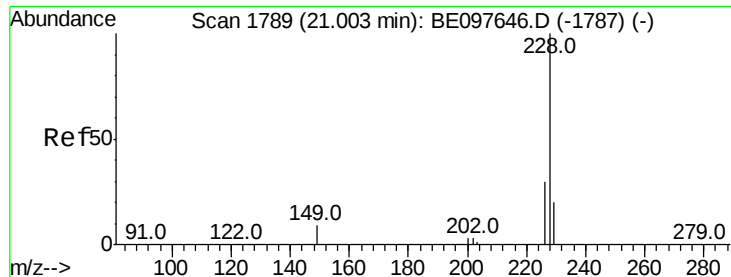


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.213 ng

RT: 21.00 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

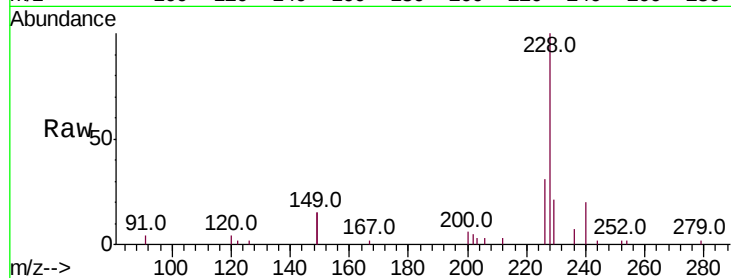
Tot Ion:228 Resp: 4833

Ion Ratio Lower Upper

228 100

226 31.0 24.0 36.0

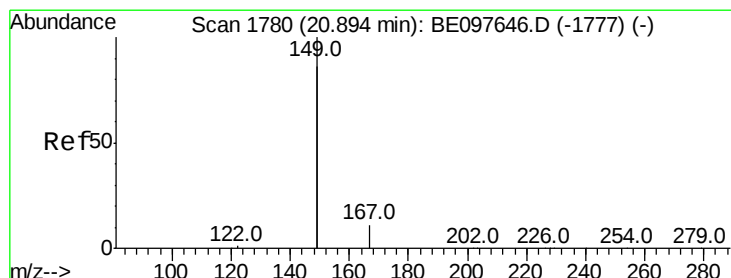
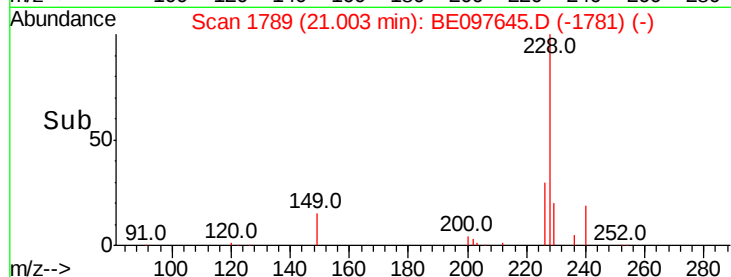
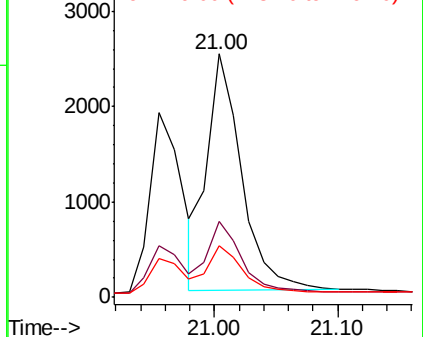
229 21.1 16.0 24.0



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: 0.101 ng

RT: 20.89 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

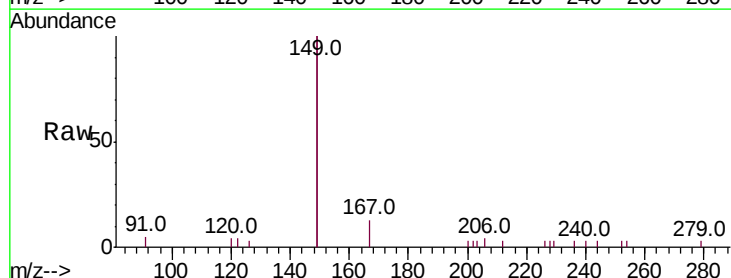
Tgt Ion:149 Resp: 4247

Ion Ratio Lower Upper

149 100

167 6.1 5.4 8.0

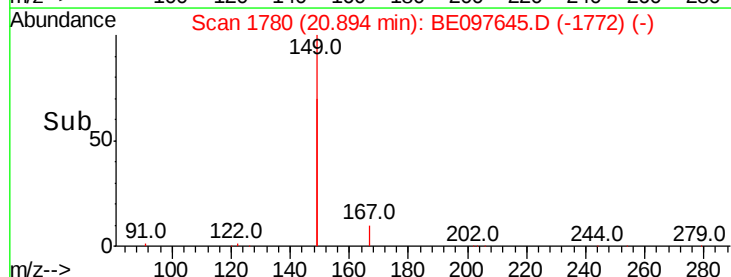
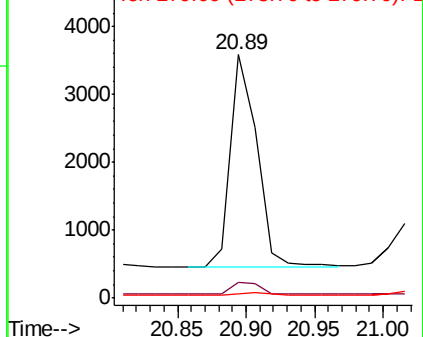
279 1.3 0.7 1.1#

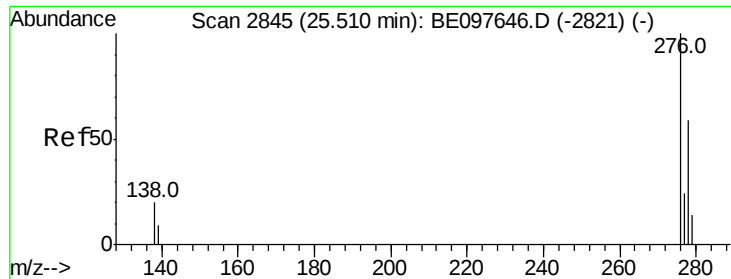


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.175 ng

RT: 25.52 min Scan# 2848

Delta R.T. 0.01 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

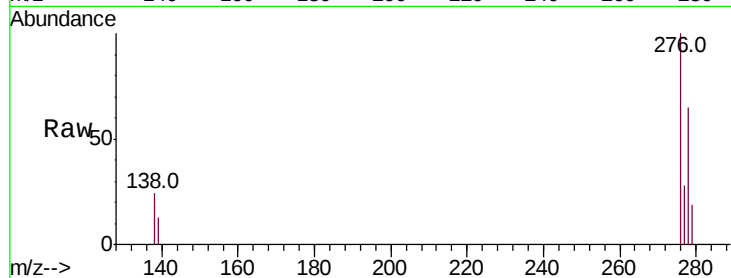
Tot Ion:276 Resp: 4793

Ion Ratio Lower Upper

276 100

138 20.1 22.5 33.7#

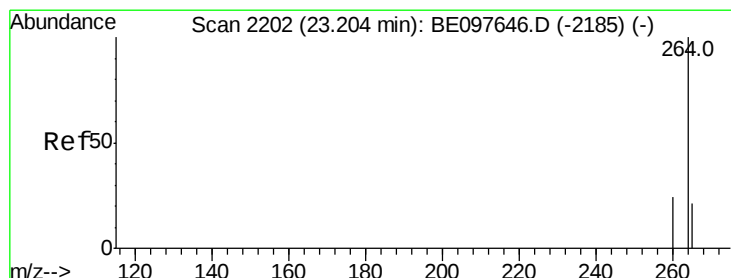
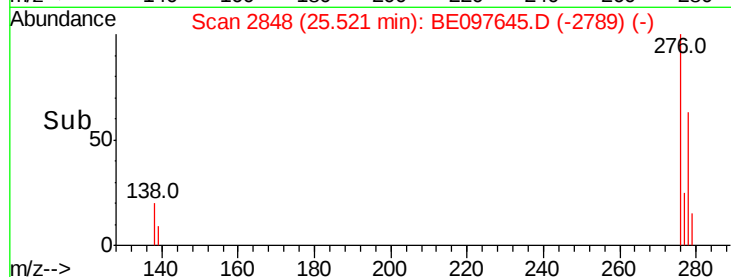
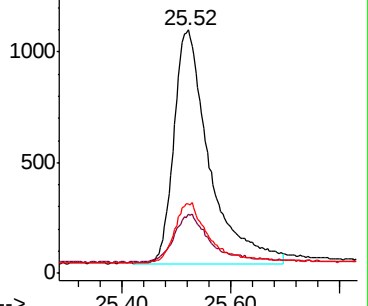
277 24.6 19.9 29.9



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# 2203

Delta R.T. 0.00 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

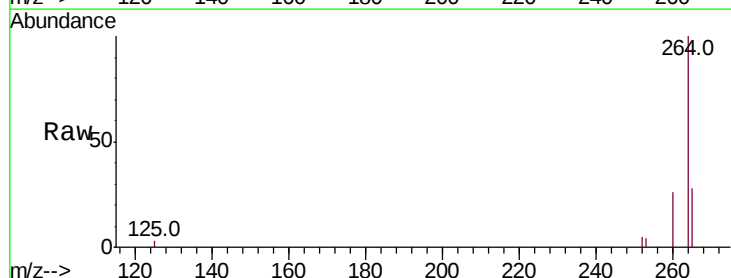
Tgt Ion:264 Resp: 8016

Ion Ratio Lower Upper

264 100

260 26.3 20.5 30.7

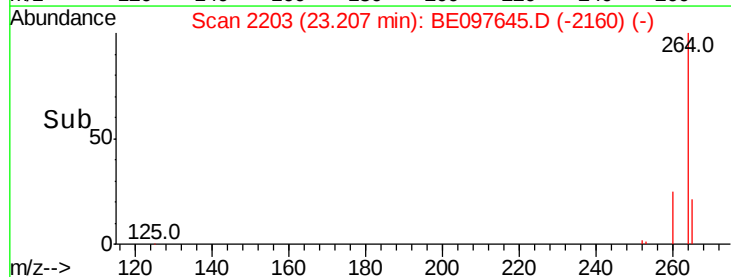
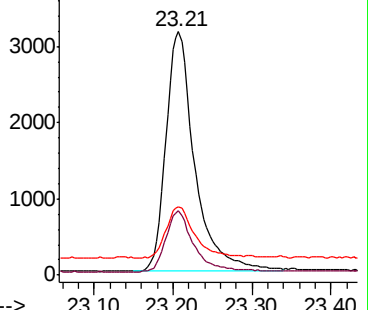
265 27.9 22.8 34.2

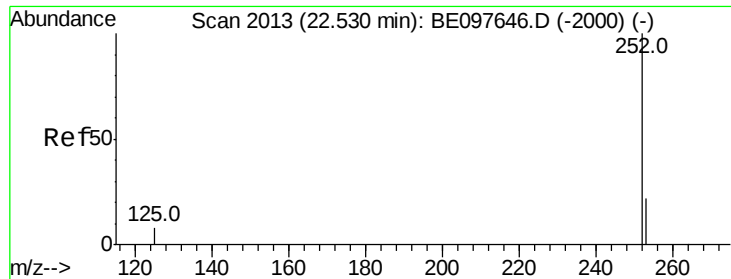


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.183 ng

RT: 22.54 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

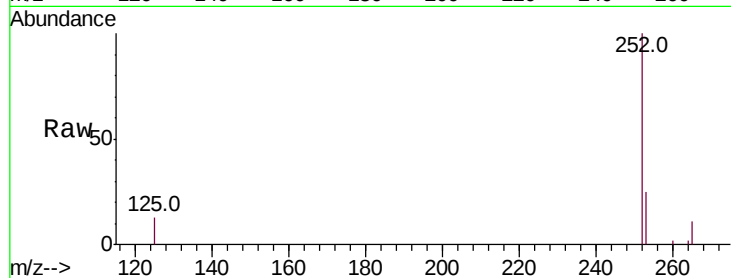
Tot Ion:252 Resp: 3760

Ion Ratio Lower Upper

252 100

253 25.2 20.0 30.0

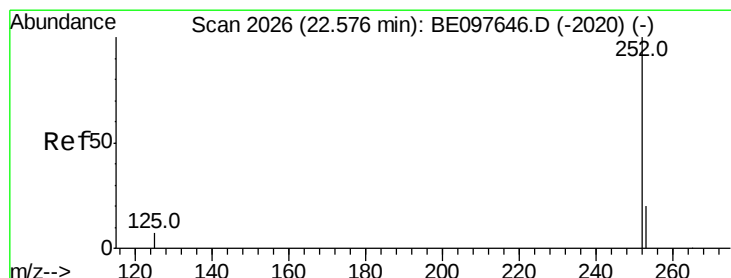
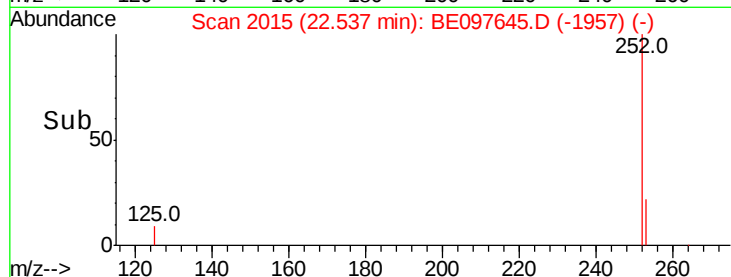
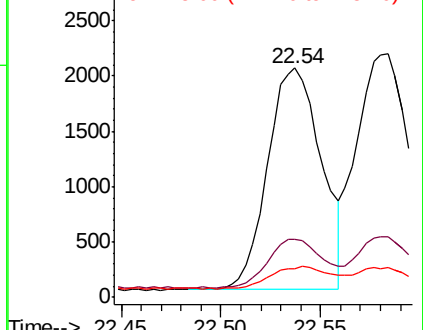
125 12.7 16.0 24.0#



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: 0.192 ng

RT: 22.58 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

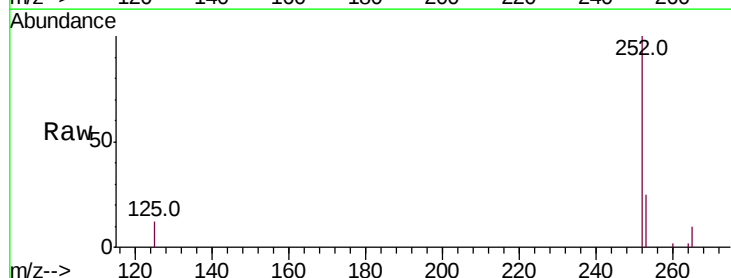
Tgt Ion:252 Resp: 4518

Ion Ratio Lower Upper

252 100

253 25.0 16.0 24.0#

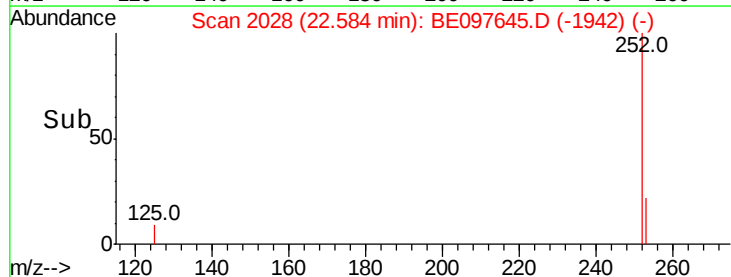
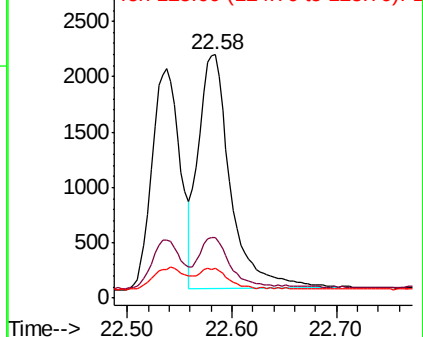
125 12.0 8.0 12.0

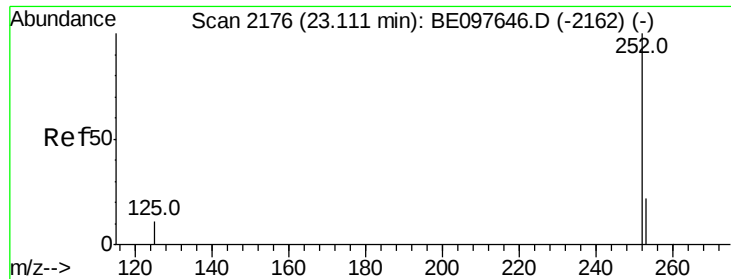


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.182 ng

RT: 23.11 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

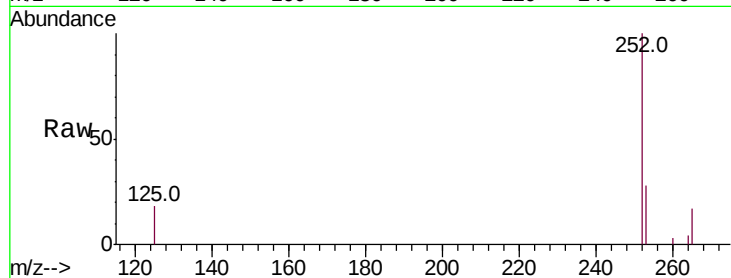
Tot Ion:252 Resp: 3844

Ion Ratio Lower Upper

252 100

253 28.0 16.0 24.0#

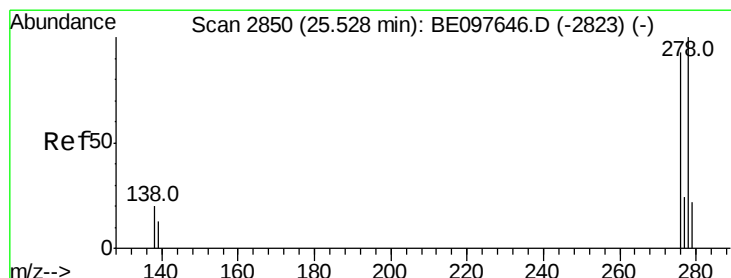
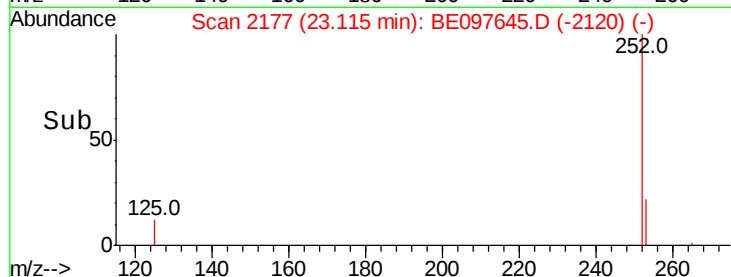
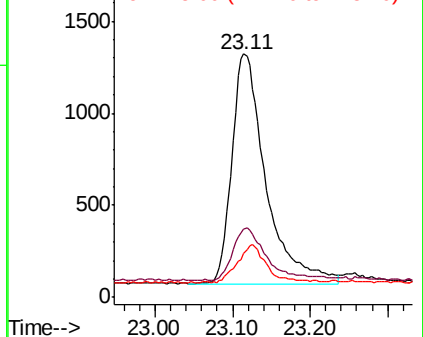
125 18.0 12.0 18.0



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: 0.179 ng

RT: 25.54 min Scan# 2852

Delta R.T. 0.01 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

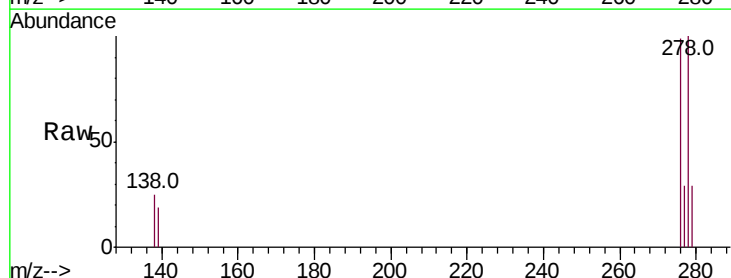
Tgt Ion:278 Resp: 3860

Ion Ratio Lower Upper

278 100

139 19.1 16.0 24.0

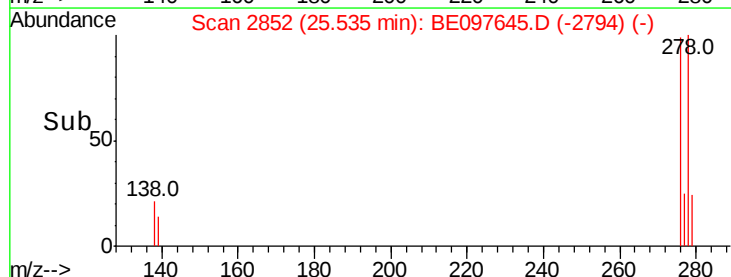
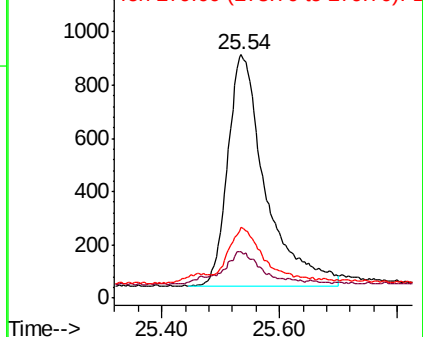
279 29.2 20.0 30.0

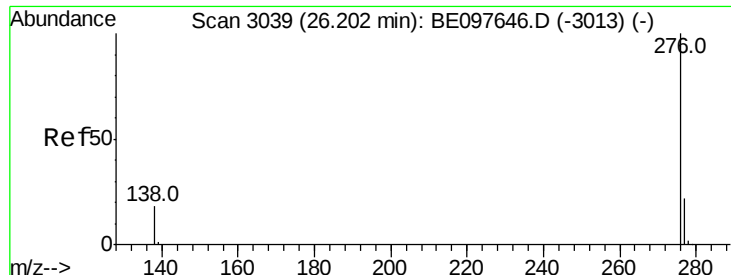


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.188 ng

RT: 26.22 min Scan# 3044

Delta R.T. 0.02 min

Lab File: BE097645.D

Acq: 24 Sep 2018 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

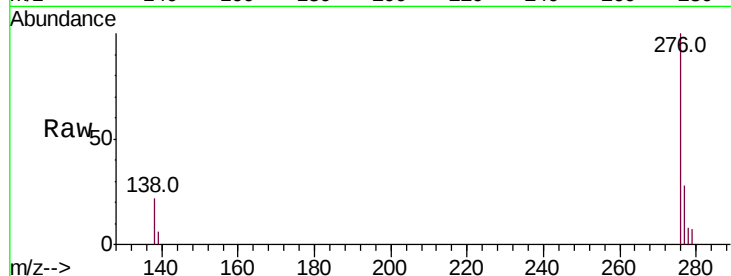
Tot Ion:276 Resp: 3946

Ion Ratio Lower Upper

276 100

277 28.0 16.0 24.0#

138 22.0 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

