

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081518\
 Data File : BE097275.D
 Acq On : 15 Aug 2018 11:44
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Aug 15 13:06:11 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	1069	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	5586	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3082	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	6947	0.40	ng	0.00
27) Chrysene-d12	20.98	240	6437	0.40	ng	0.00
34) Perylene-d12	23.22	264	6009	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	1306	0.51	ng	0.00
5) Phenol-d6	6.61	99	1915	0.49	ng	0.00
8) Nitrobenzene-d5	8.52	82	1915	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3094	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	366	0.47	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	4442	0.39	ng	0.00
25) Fluoranthene-d10	18.81	212	25274	0.42	ng	0.00
29) Terphenyl-d14	19.43	244	4699	0.38	ng	0.00

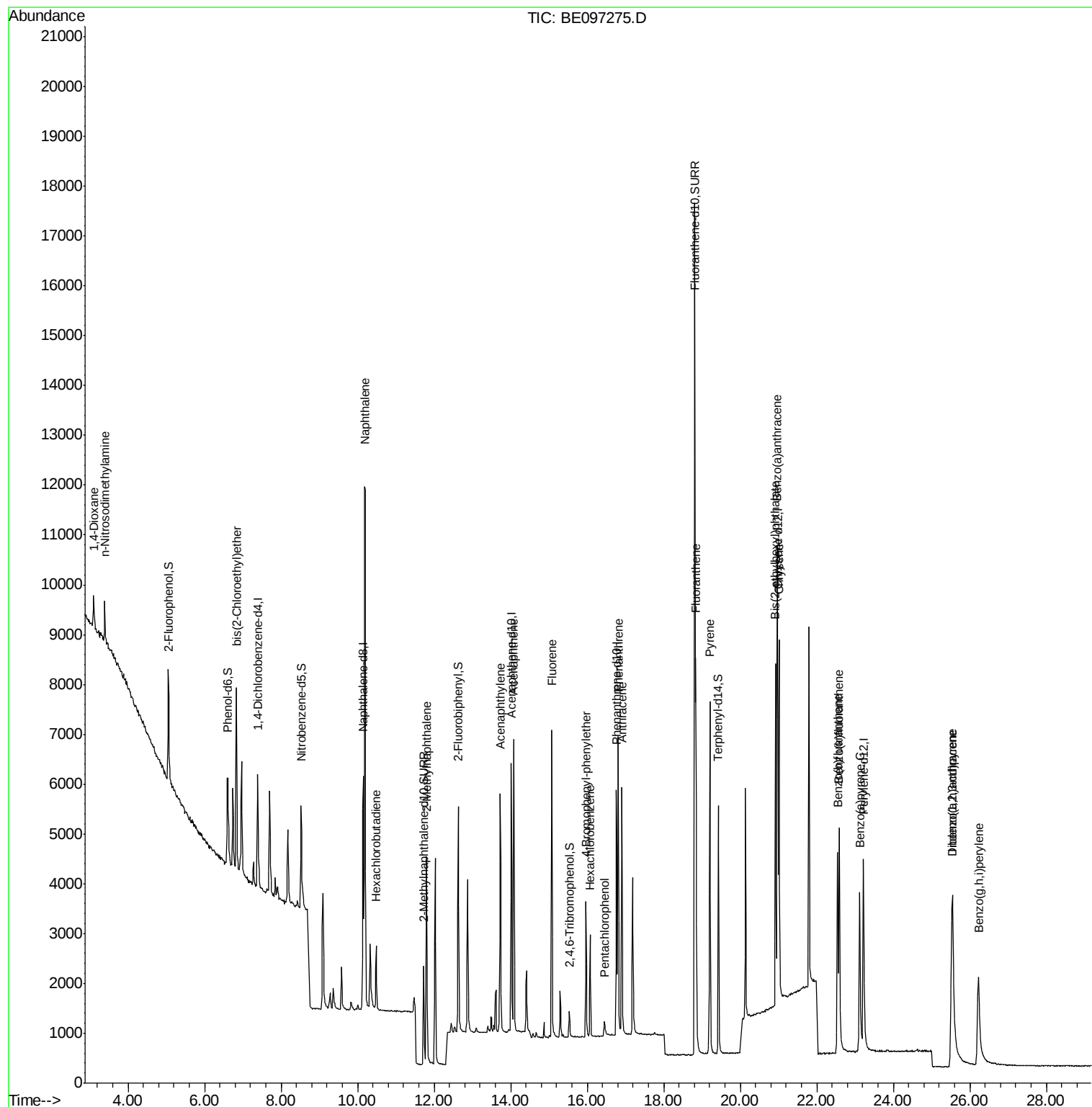
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	460	0.301	ng	98
3) n-Nitrosodimethylamine	3.38	42	455	0.264	ng	# 80
6) bis(2-Chloroethyl)ether	6.84	93	1497	0.391	ng	92
9) Naphthalene	10.20	128	19745	0.395	ng	100
10) Hexachlorobutadiene	10.48	225	890	0.440	ng	97
12) 2-Methylnaphthalene	11.80	142	3255	0.384	ng	99
16) Acenaphthylene	13.73	152	5544	0.394	ng	99
17) Acenaphthene	14.07	154	3212	0.367	ng	# 93
18) Fluorene	15.07	166	3894	0.396	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	1396	0.425	ng	87
21) Hexachlorobenzene	16.08	284	1612	0.442	ng	# 84
22) Pentachlorophenol	16.45	266	275	0.459	ng	83
23) Phenanthrene	16.81	178	6466	0.389	ng	99
24) Anthracene	16.90	178	5639	0.390	ng	95
26) Fluoranthene	18.84	202	6835	0.390	ng	98
28) Pyrene	19.21	202	6756	0.356	ng	100
30) Benzo(a)anthracene	20.97	228	6312	0.412	ng	96
31) Chrysene	21.02	228	6429	0.374	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	7760	0.507	ng	100
33) Indeno(1,2,3-cd)pyrene	25.53	276	7003	0.559	ng	# 91
35) Benzo(b)fluoranthene	22.54	252	5712	0.372	ng	# 91
36) Benzo(k)fluoranthene	22.59	252	7067	0.387	ng	93
37) Benzo(a)pyrene	23.12	252	5808	0.423	ng	# 92
38) Dibenzo(a,h)anthracene	25.55	278	5590	0.499	ng	96
39) Benzo(g,h,i)perylene	26.23	276	5685	0.456	ng	# 90

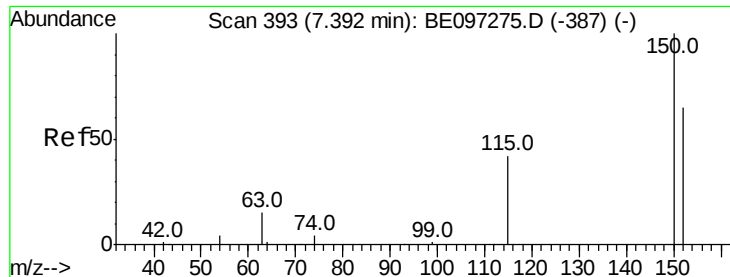
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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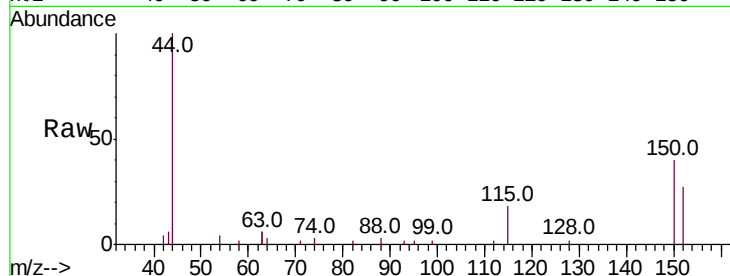


#1

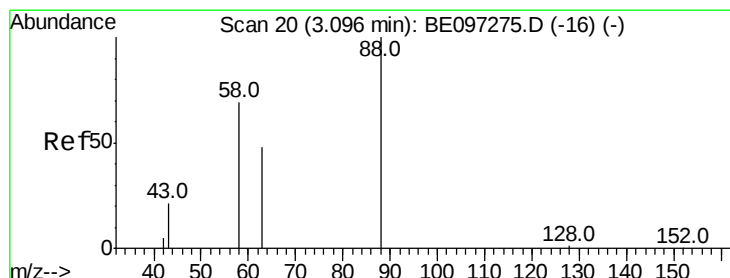
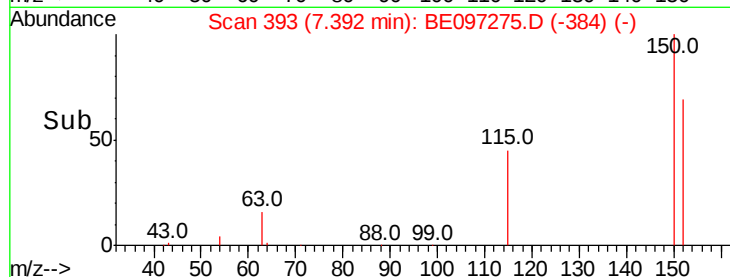
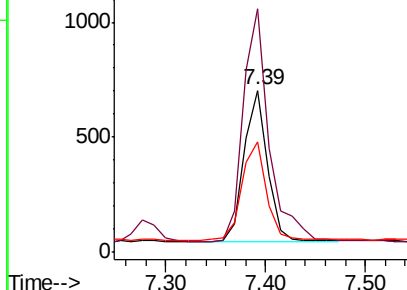
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 1069
Ion Ratio Lower Upper
152 100
150 150.3 117.2 175.8
115 68.5 57.0 85.6



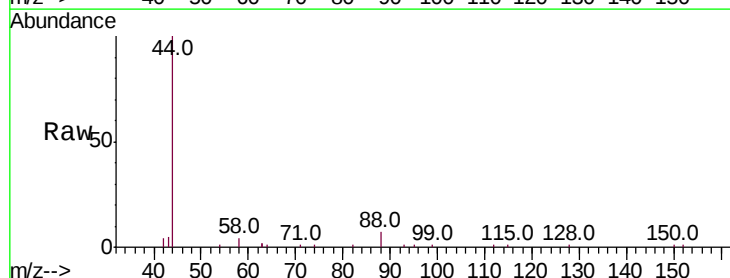
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



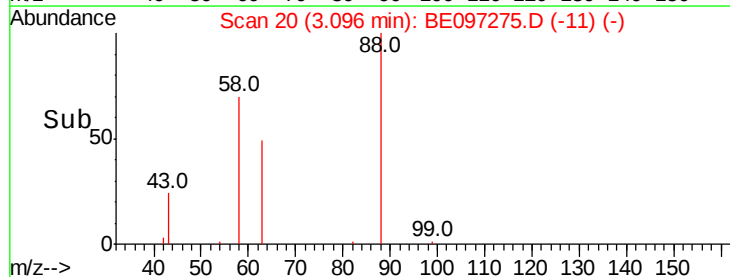
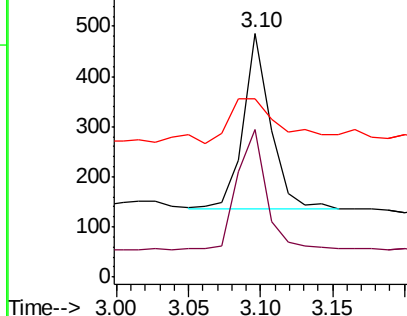
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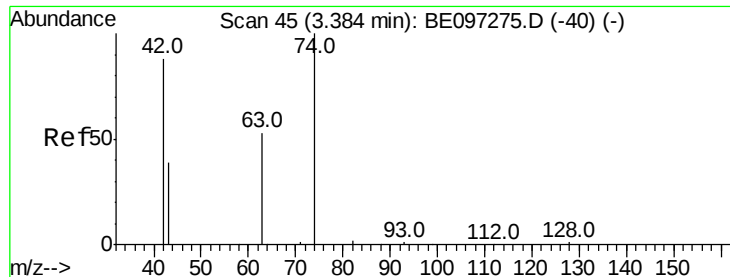
1,4-Dioxane
Concen: 0.301 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Tgt Ion: 88 Resp: 460
Ion Ratio Lower Upper
88 100
58 75.7 63.2 94.8
43 51.7 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



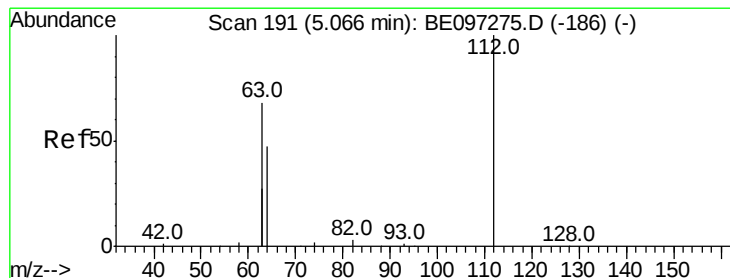
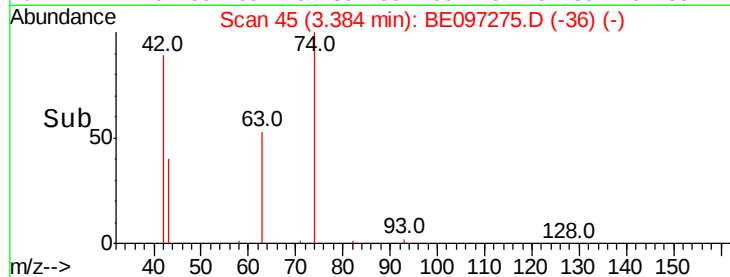
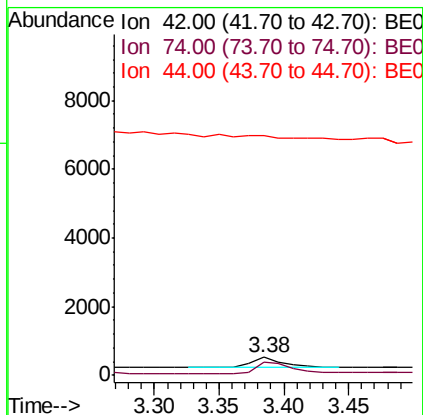
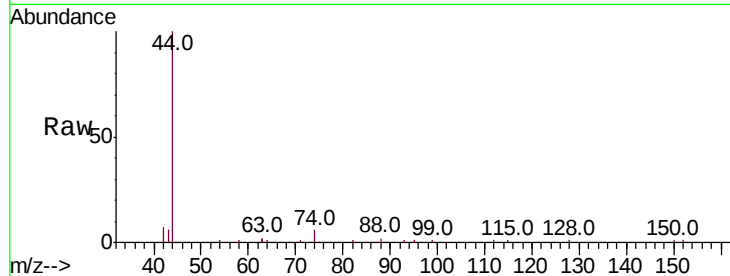


#3

n-Nitrosodimethylamine
 Concen: 0.264 ng
 RT: 3.38 min Scan# 45
 Delta R.T. 0.00 min
 Lab File: BE097275.D
 Acq: 15 Aug 2018 11:44

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

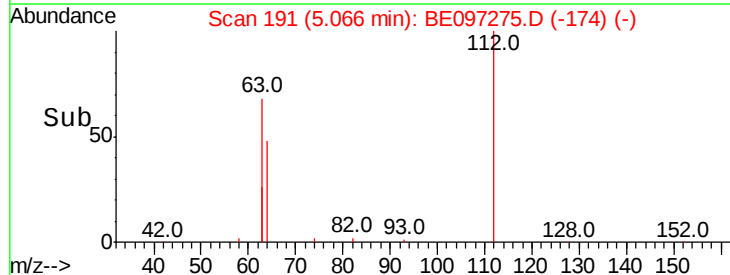
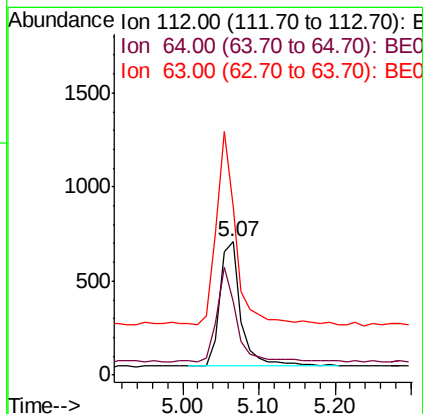
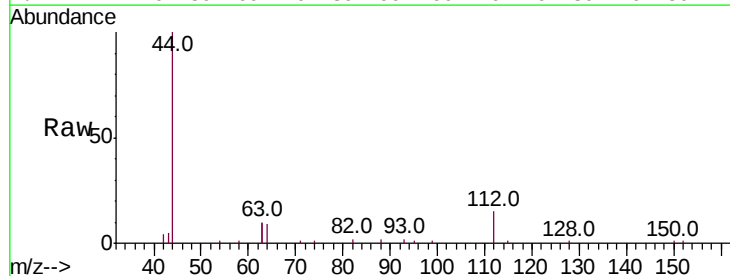
Tot Ion: 42 Resp: 455
 Ion Ratio Lower Upper
 42 100
 74 140.2 96.0 144.0
 44 0.0 12.0 18.0#

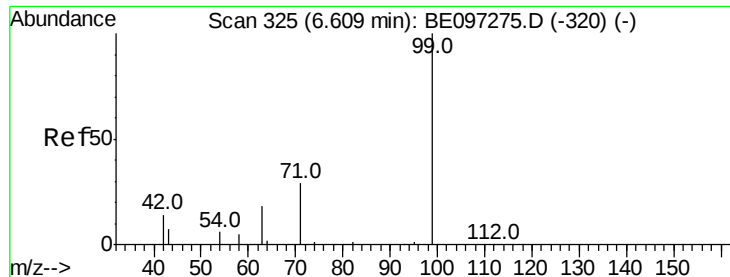


#4

2-Fluorophenol
 Concen: 0.511 ng
 RT: 5.07 min Scan# 191
 Delta R.T. 0.00 min
 Lab File: BE097275.D
 Acq: 15 Aug 2018 11:44

Tgt Ion: 112 Resp: 1306
 Ion Ratio Lower Upper
 112 100
 64 68.4 60.1 90.1
 63 140.7 116.8 175.2





#5

Phenol-d6

Concen: 0.491 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

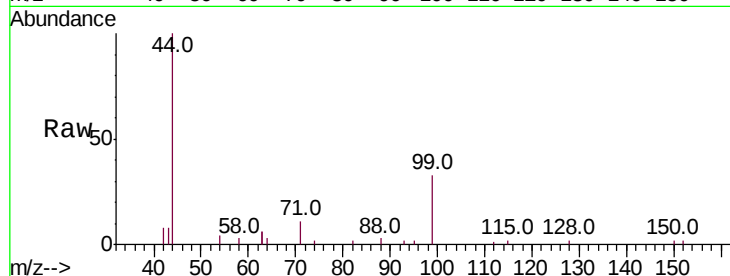
Tot Ion: 99 Resp: 1915

Ion Ratio Lower Upper

99 100

42 24.9 20.2 30.2

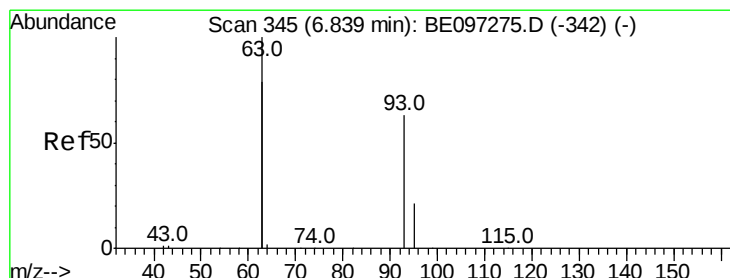
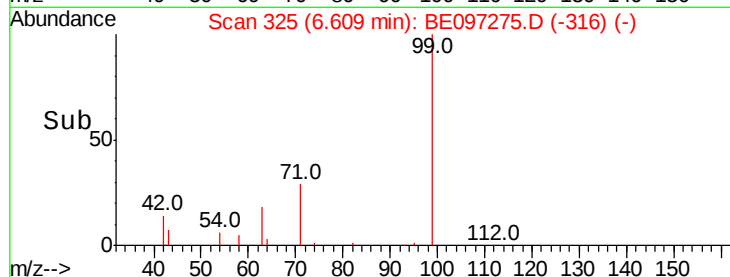
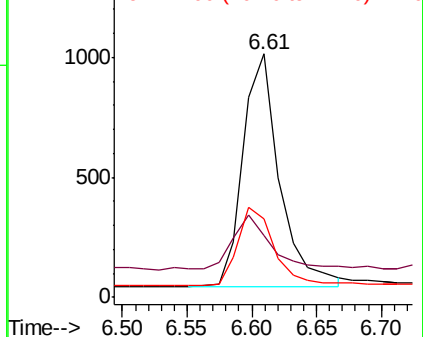
71 33.9 28.4 42.6



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: 0.391 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

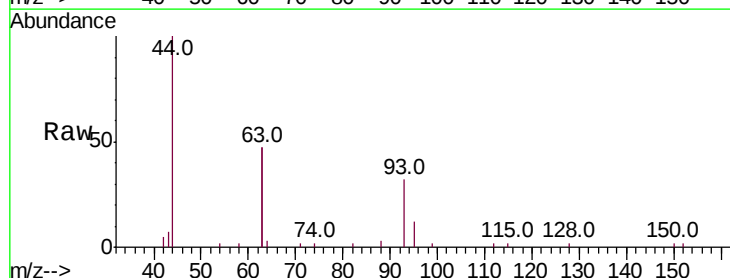
Tgt Ion: 93 Resp: 1497

Ion Ratio Lower Upper

93 100

63 325.1 275.3 412.9

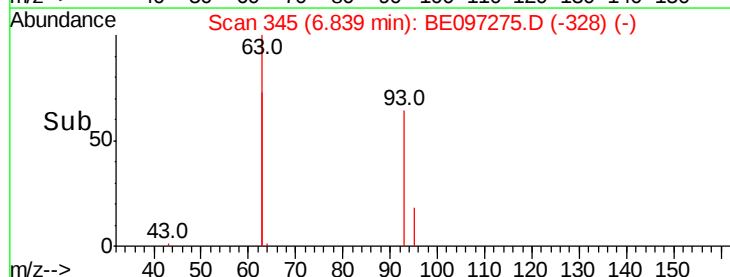
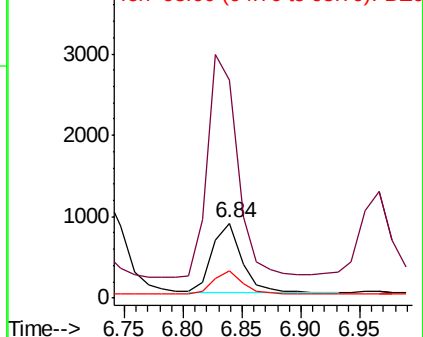
95 31.7 25.2 37.8

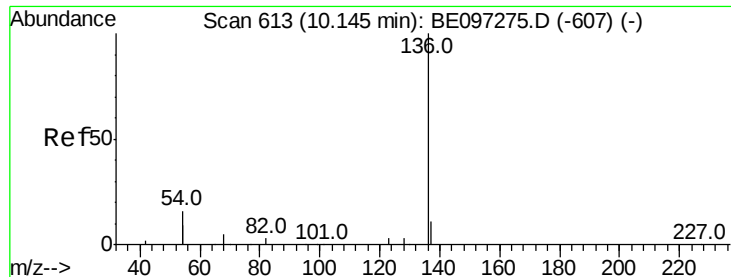


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.14 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 5586

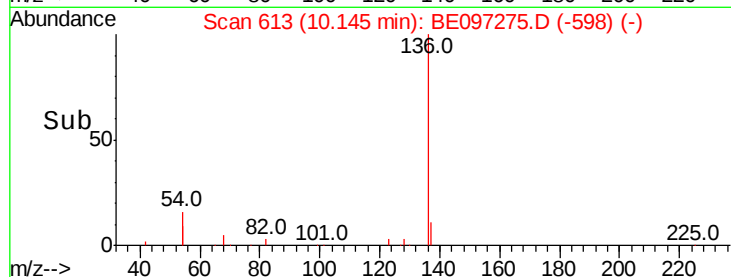
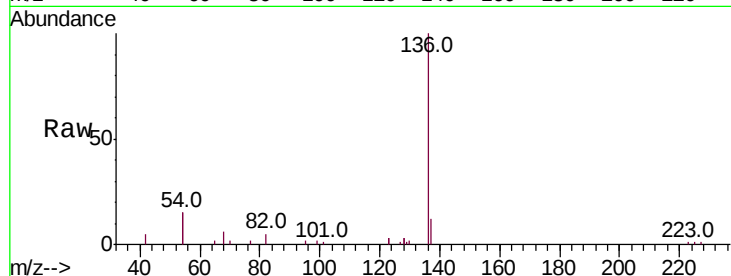
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 30.6 29.1 43.7

68 6.3 6.2 9.2

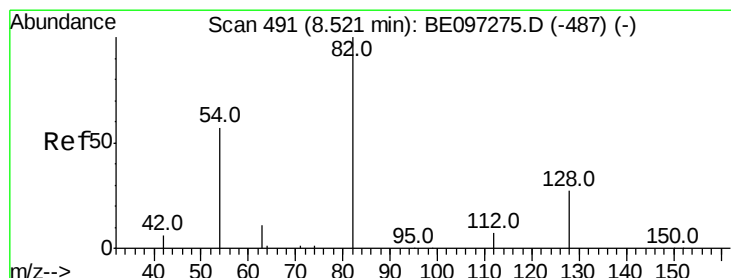
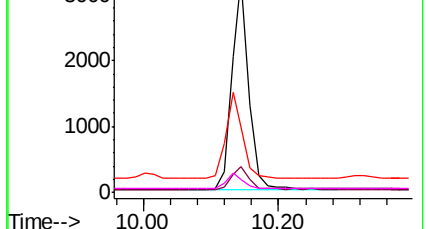


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.470 ng

RT: 8.52 min Scan# 491

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

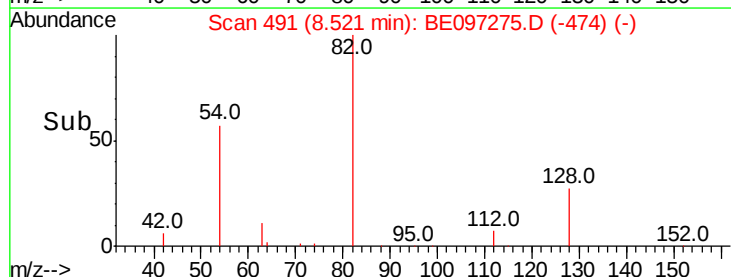
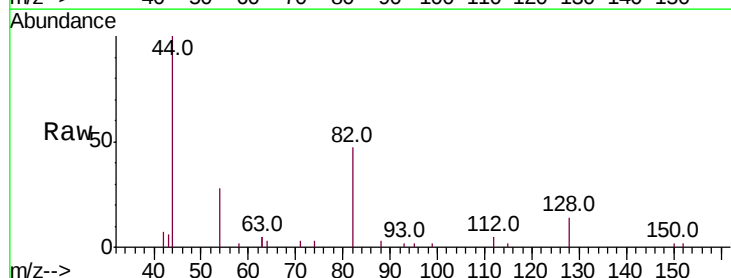
Tgt Ion: 82 Resp: 1915

Ion Ratio Lower Upper

82 100

128 30.5 24.0 36.0

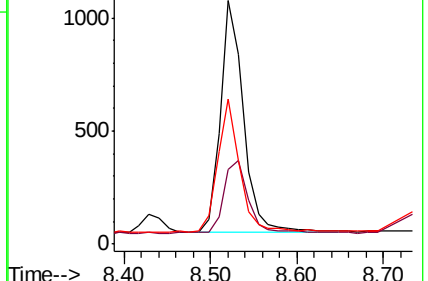
54 59.6 40.0 60.0

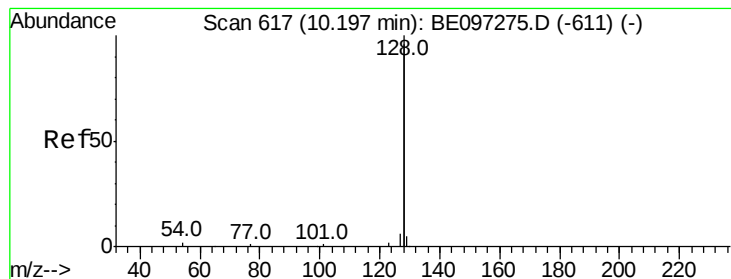


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.395 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

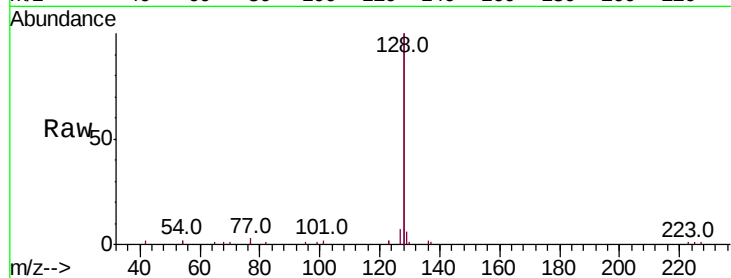
Tot Ion:128 Resp: 19745

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

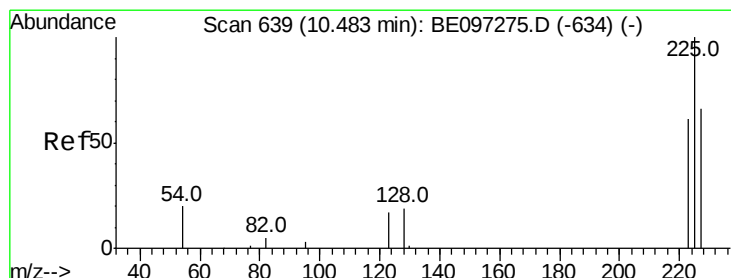
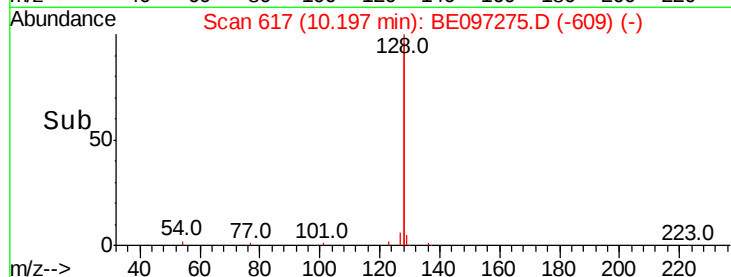
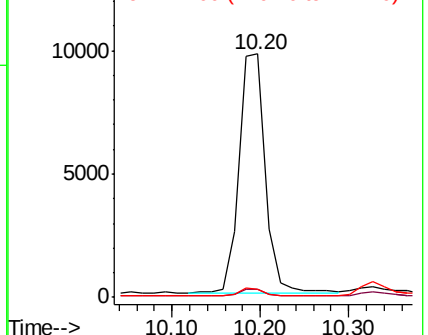
127 3.4 2.8 4.2



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: 0.440 ng

RT: 10.48 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

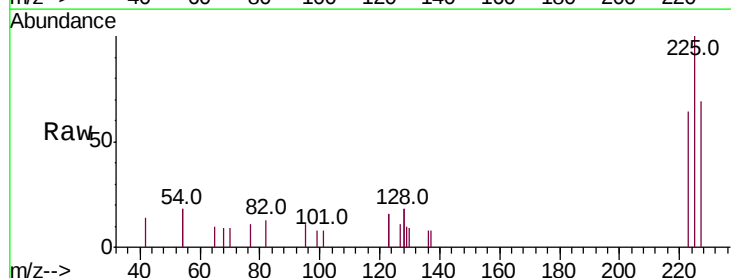
Tgt Ion:225 Resp: 890

Ion Ratio Lower Upper

225 100

223 61.9 53.0 79.6

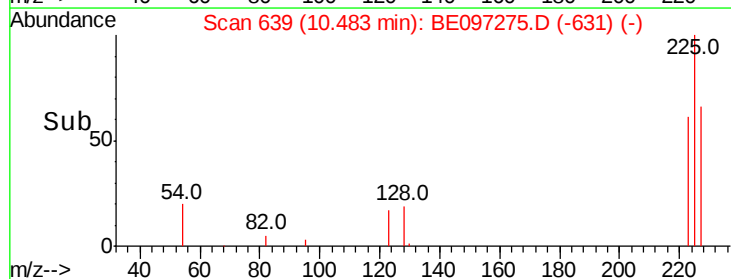
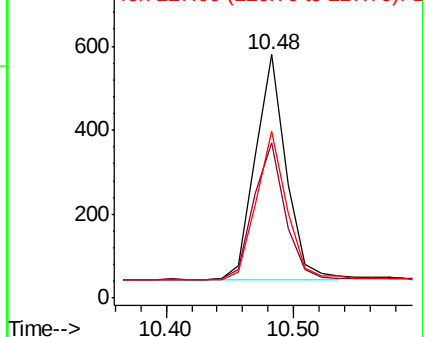
227 65.3 51.4 77.2

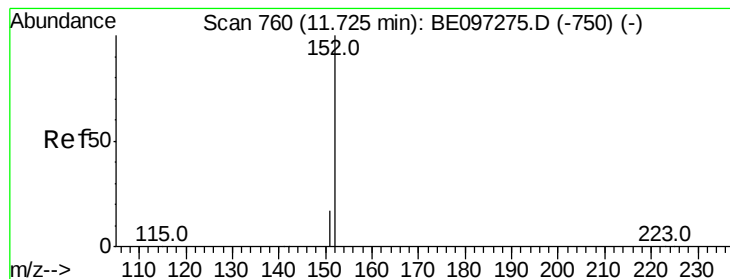


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.380 ng

RT: 11.73 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

Instrument :

BNA_E

ClientSampleId :

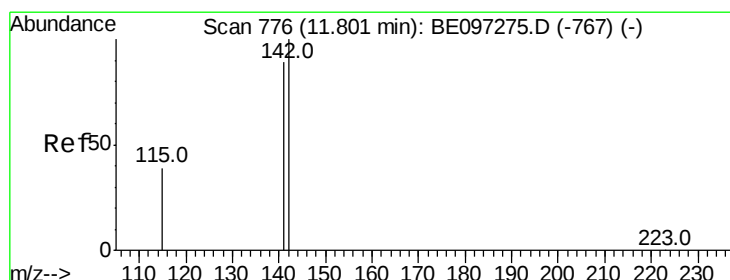
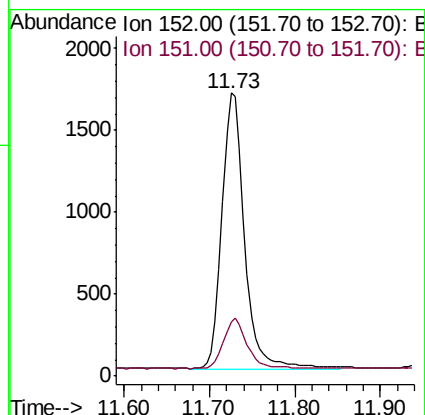
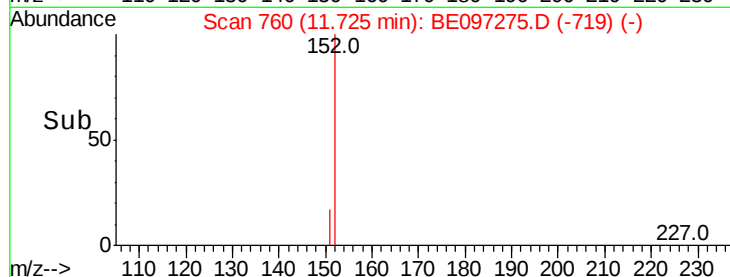
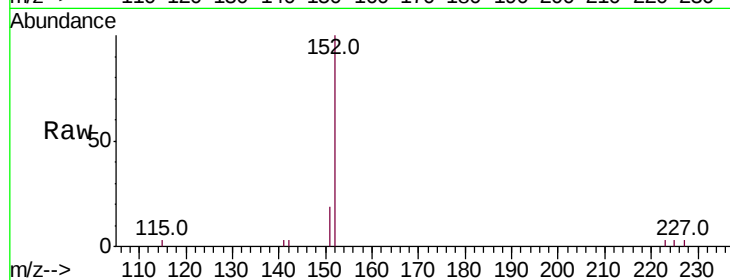
SSTDICCC0.4

Tot Ion:152 Resp: 3094

Ion Ratio Lower Upper

152 100

151 18.9 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.384 ng

RT: 11.80 min Scan# 776

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

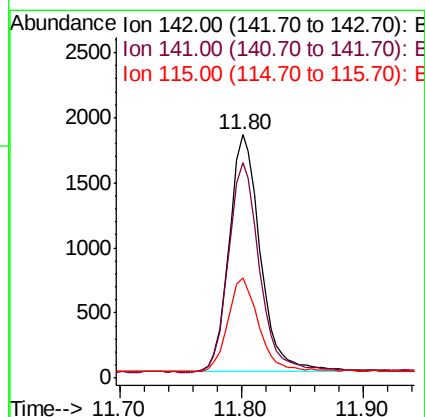
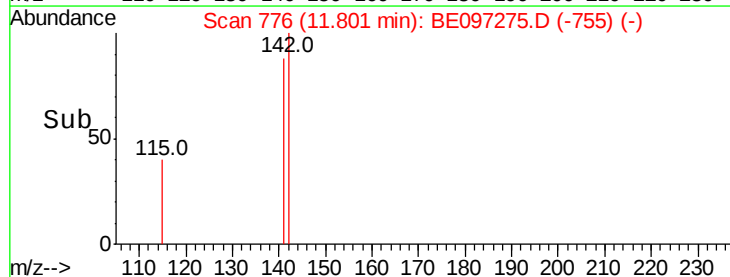
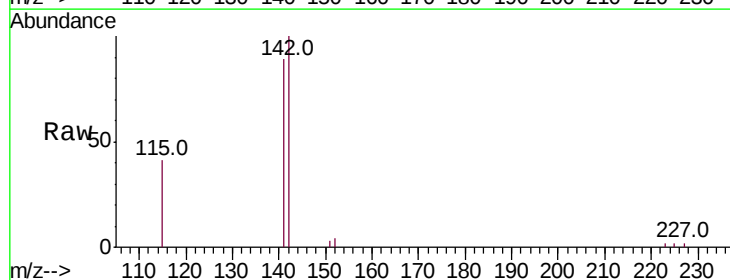
Tgt Ion:142 Resp: 3255

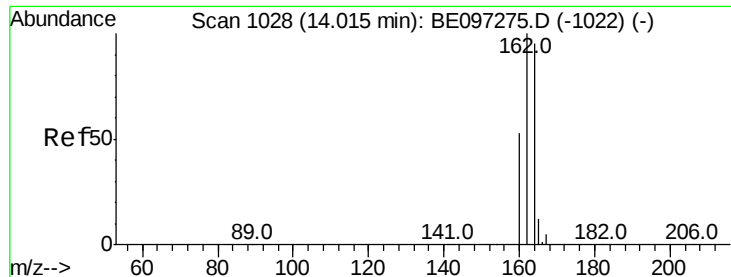
Ion Ratio Lower Upper

142 100

141 88.7 70.4 105.6

115 41.2 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

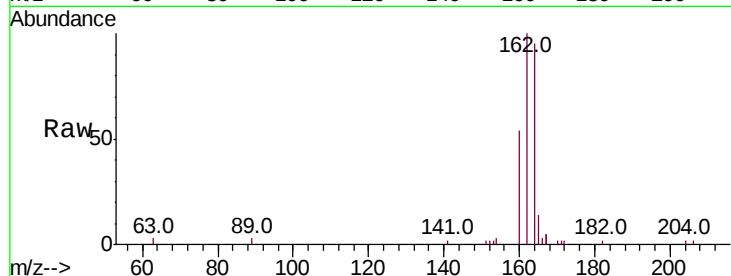
Tot Ion:164 Resp: 3082

Ion Ratio Lower Upper

164 100

162 104.8 83.1 124.7

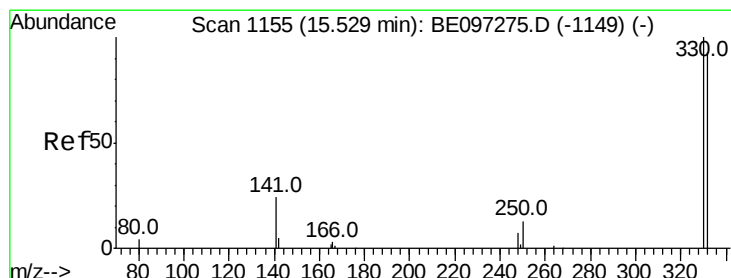
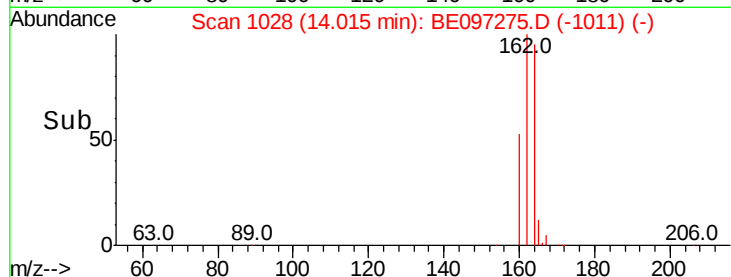
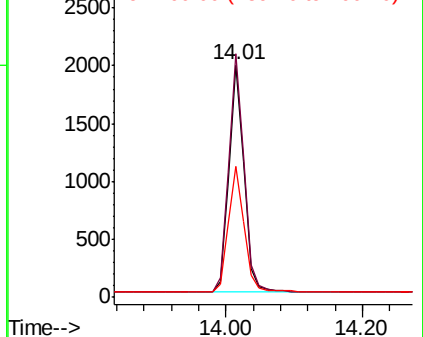
160 56.1 37.1 55.7#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.468 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

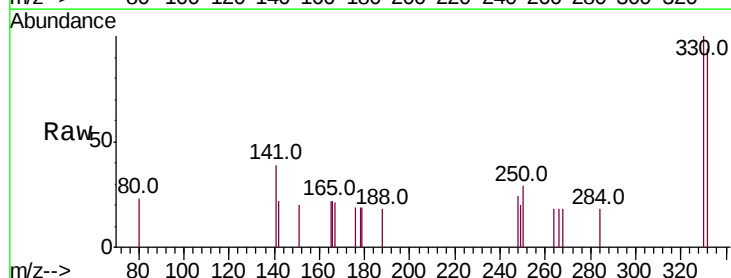
Tgt Ion:330 Resp: 366

Ion Ratio Lower Upper

330 100

332 96.2 152.7 229.1#

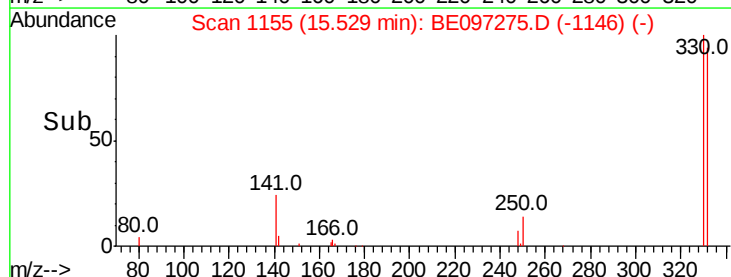
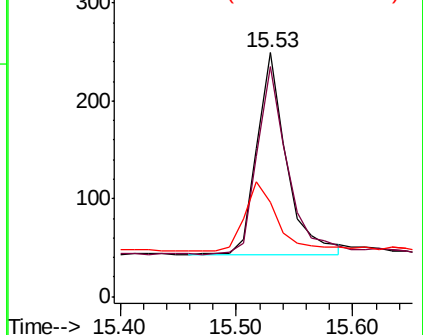
141 36.6 33.7 50.5

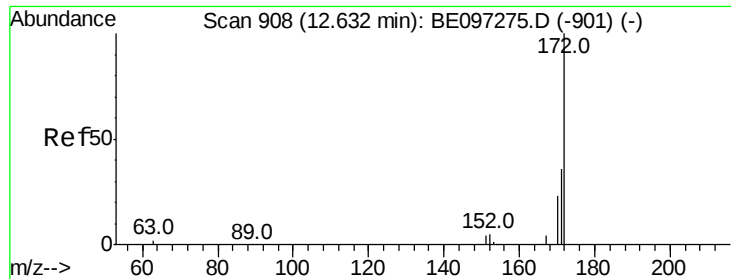


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

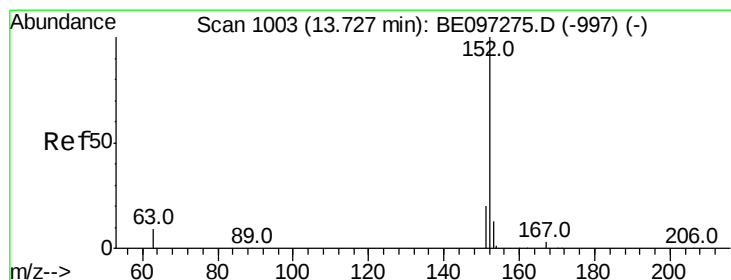
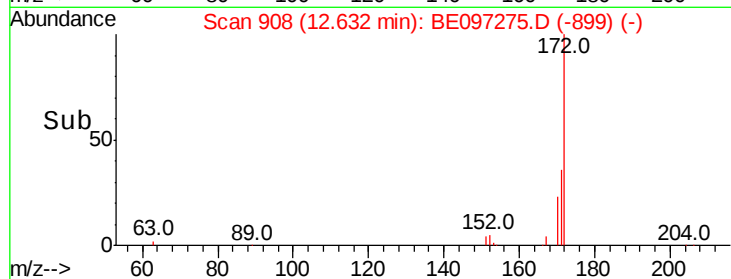
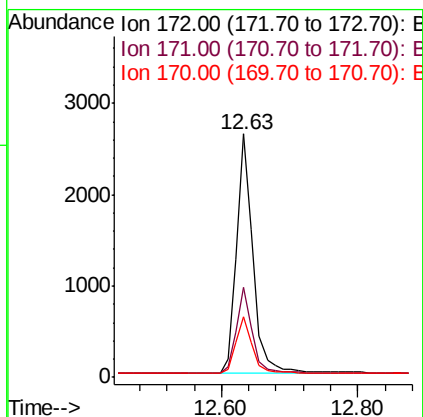
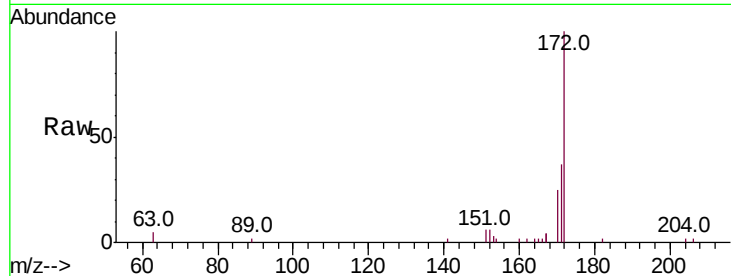




#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

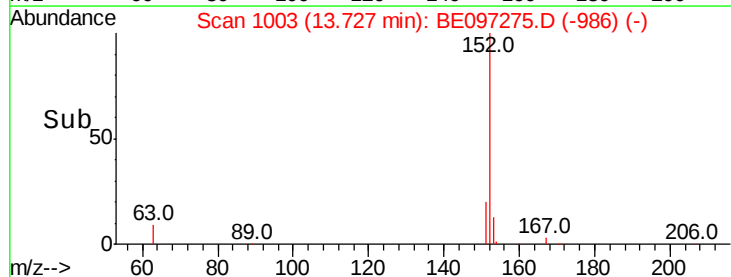
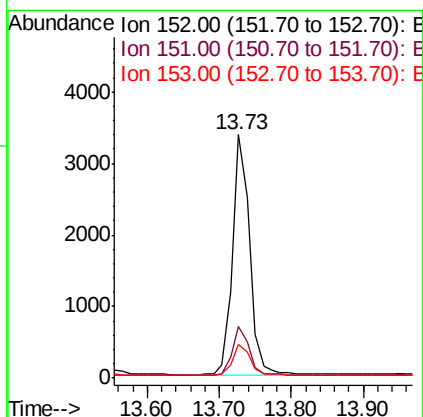
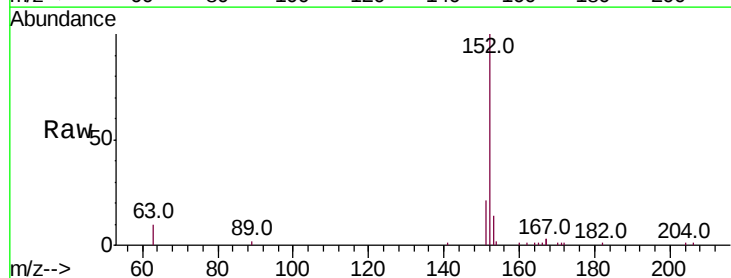
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

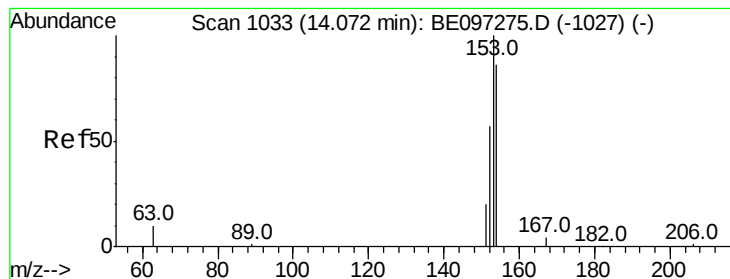
Tot Ion:172 Resp: 4442
Ion Ratio Lower Upper
172 100
171 36.9 29.9 44.9
170 24.8 21.8 32.8



#16
Acenaphthylene
Concen: 0.394 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Tgt Ion:152 Resp: 5544
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 12.6 10.5 15.7





#17

Acenaphthene

Concen: 0.367 ng

RT: 14.07 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

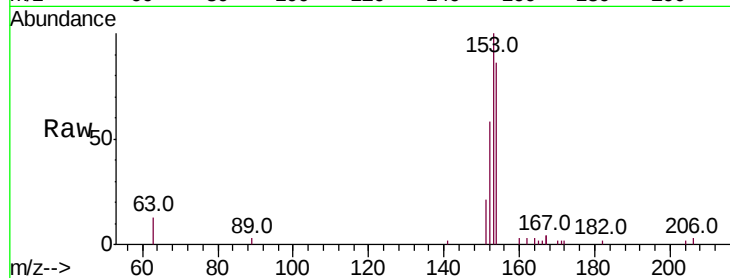
Tot Ion:154 Resp: 3212

Ion Ratio Lower Upper

154 100

153 114.4 89.2 133.8

152 64.8 42.0 63.0#

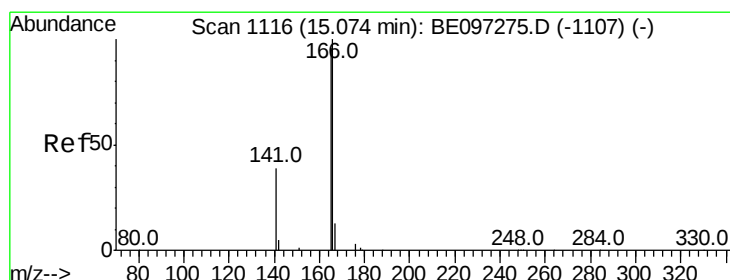
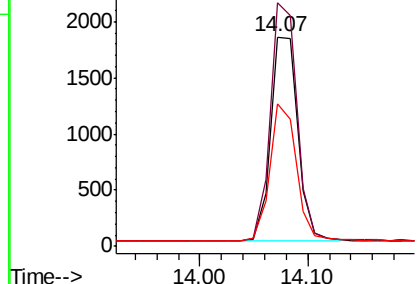
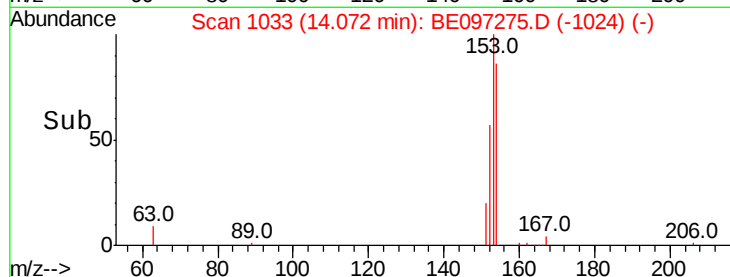


Abundance

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: 0.396 ng

RT: 15.07 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

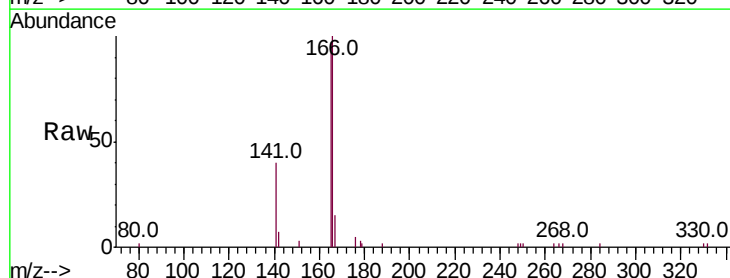
Tgt Ion:166 Resp: 3894

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.6

167 13.0 42.4 63.6#

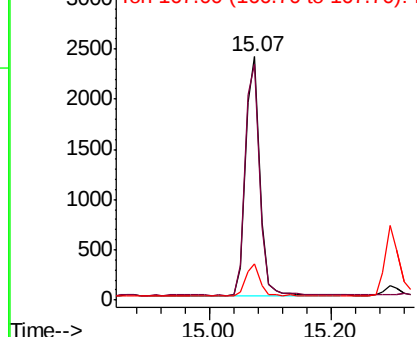
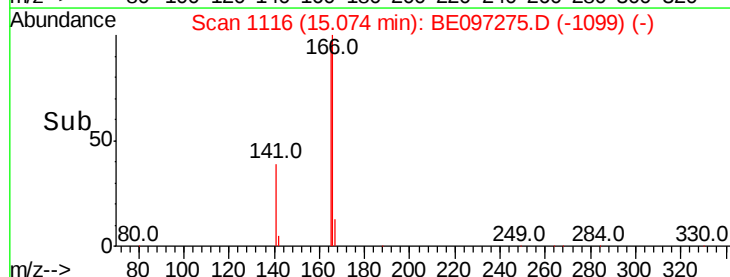


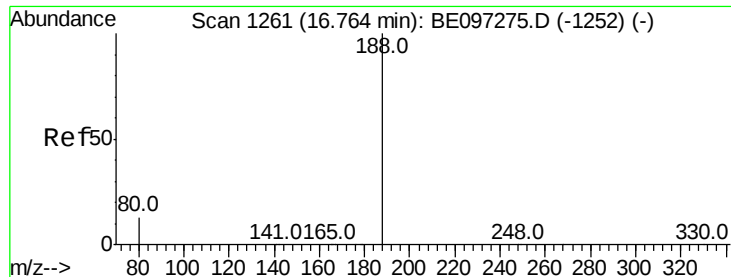
Abundance

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: BE097275.D

Acq: 15 Aug 2018 11:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

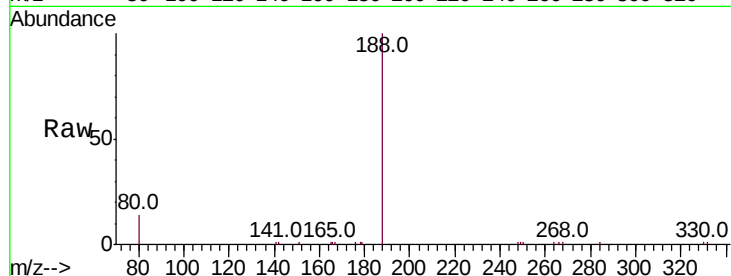
Tot Ion:188 Resp: 6947

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

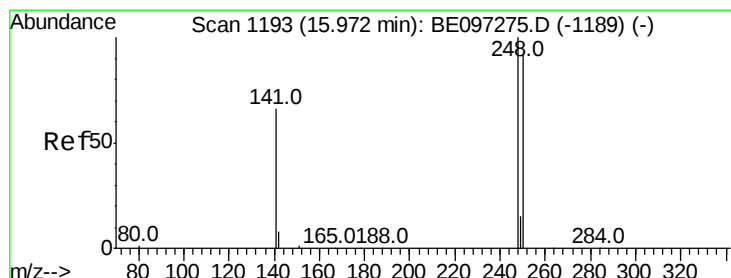
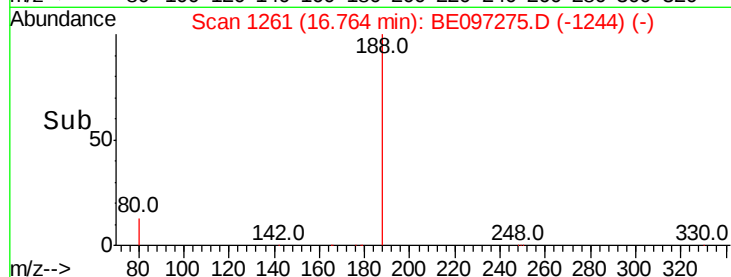
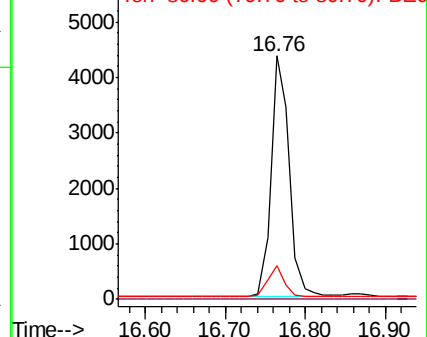
80 13.8 3.6 5.4#



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: 0.425 ng

RT: 15.97 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

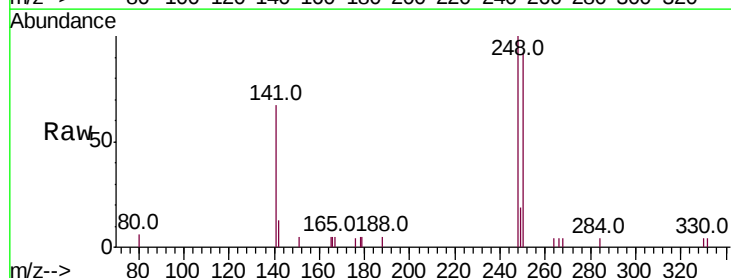
Tgt Ion:248 Resp: 1396

Ion Ratio Lower Upper

248 100

250 92.4 62.7 94.1

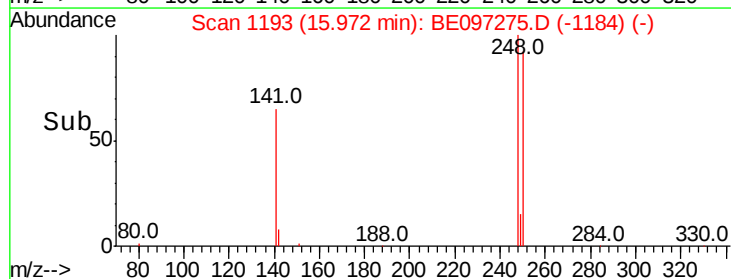
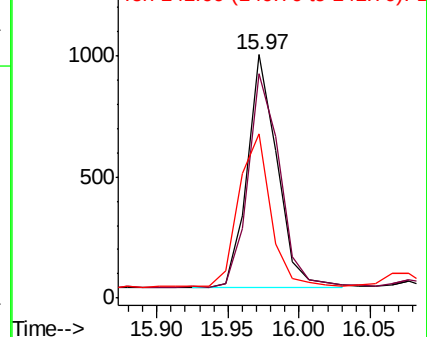
141 67.4 48.2 72.2

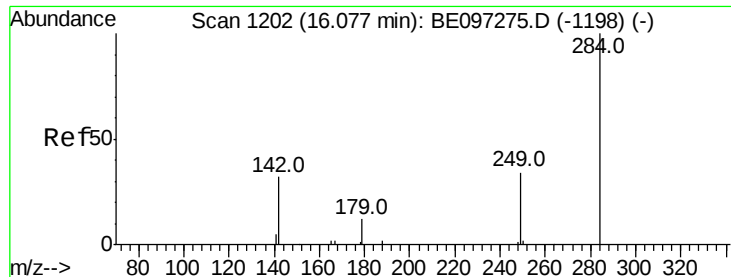


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.442 ng

RT: 16.08 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

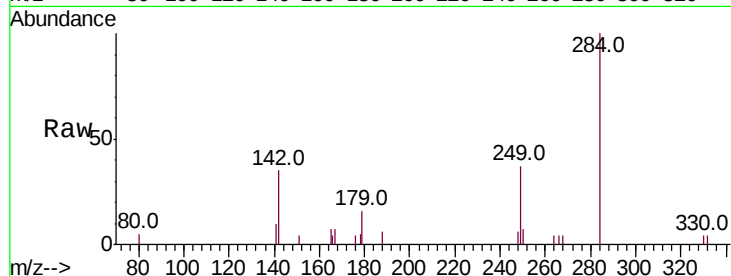
Tot Ion:284 Resp: 1612

Ion Ratio Lower Upper

284 100

142 32.6 22.1 33.1

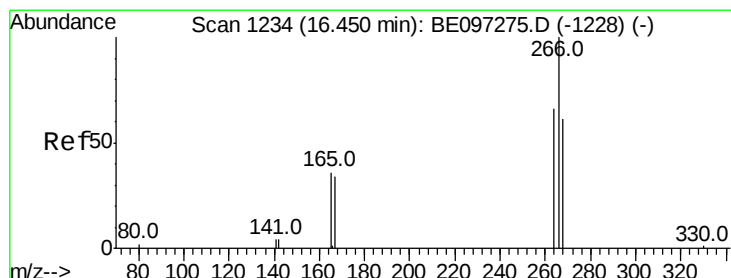
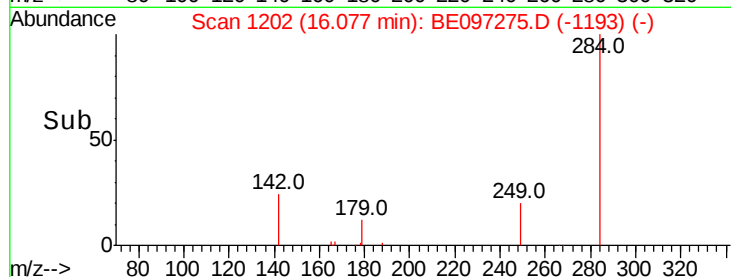
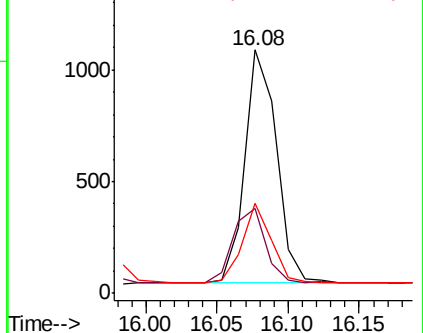
249 31.0 34.8 52.2#



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: 0.459 ng

RT: 16.45 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

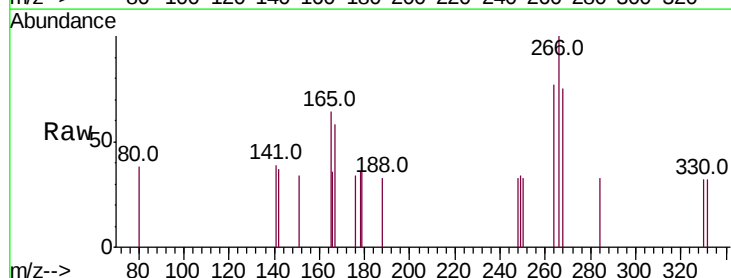
Tgt Ion:266 Resp: 275

Ion Ratio Lower Upper

266 100

264 76.8 72.5 108.7

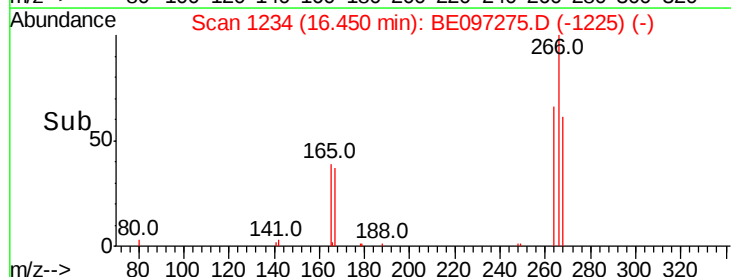
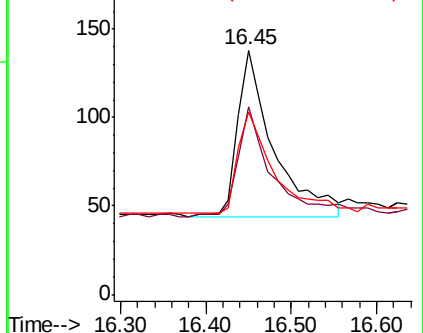
268 74.6 73.8 110.6

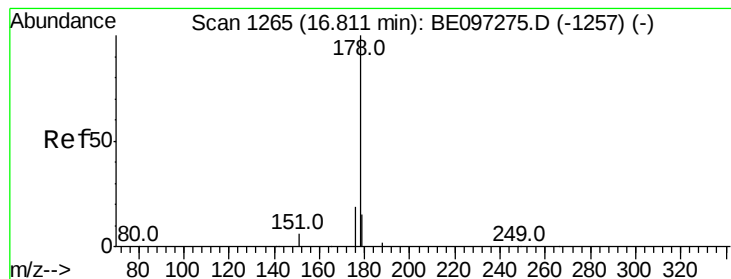


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.389 ng

RT: 16.81 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

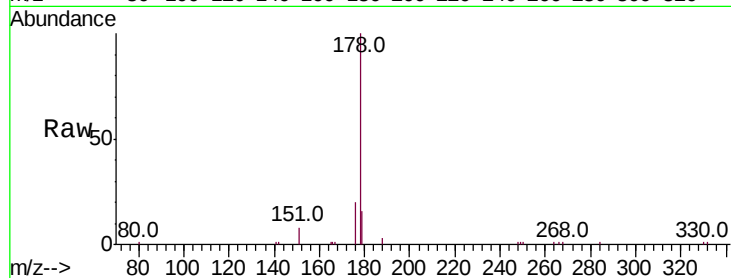
Tot Ion:178 Resp: 6466

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

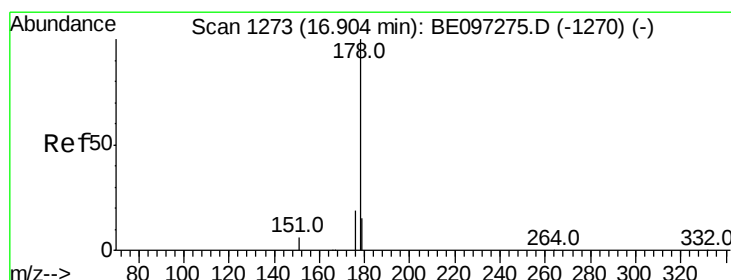
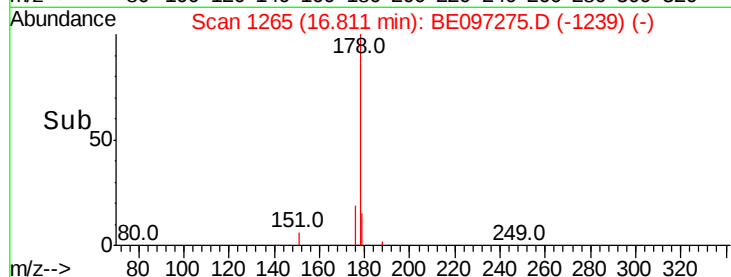
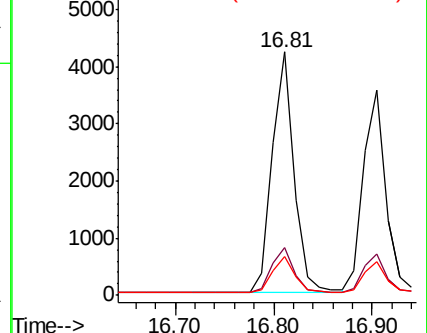
179 15.4 11.8 17.6



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: 0.390 ng

RT: 16.90 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

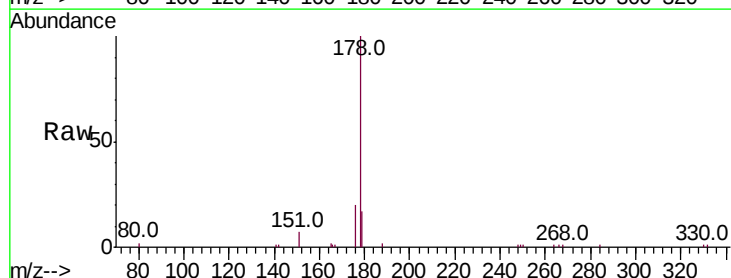
Tgt Ion:178 Resp: 5639

Ion Ratio Lower Upper

178 100

176 19.0 12.8 19.2

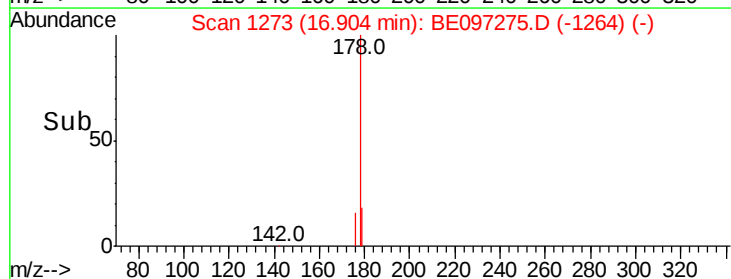
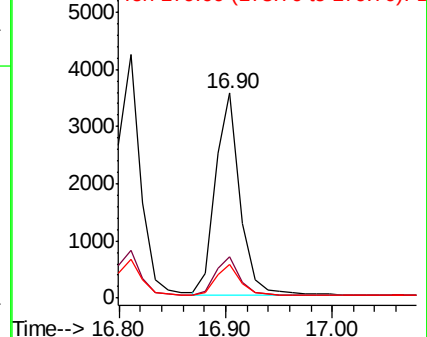
179 14.9 13.0 19.6

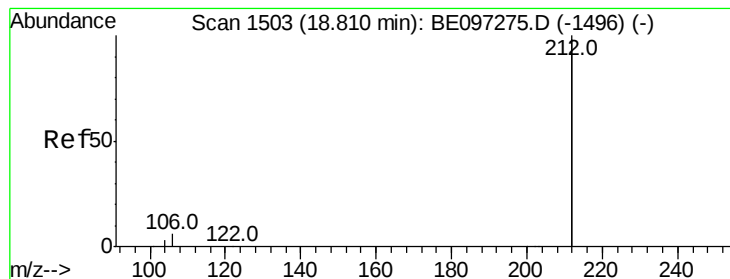


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.418 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

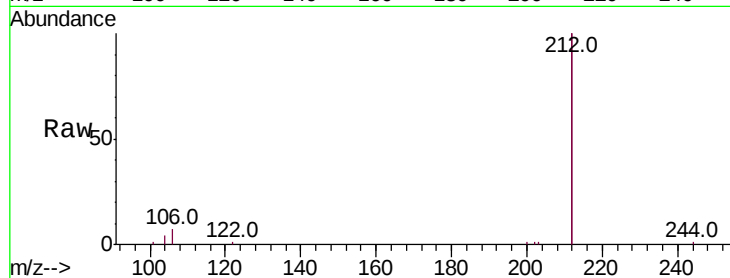
Tot Ion:212 Resp: 25274

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

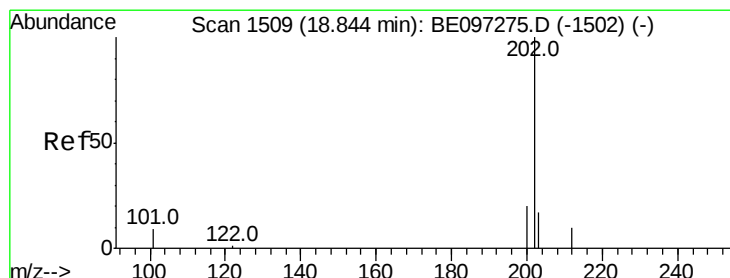
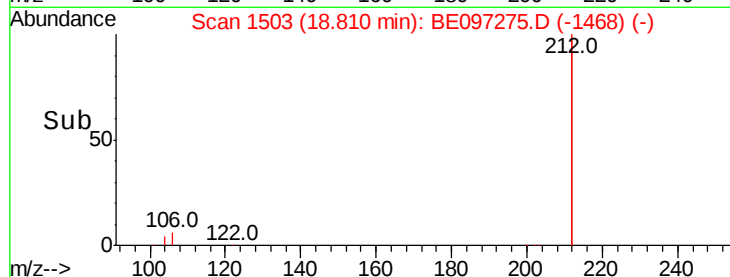
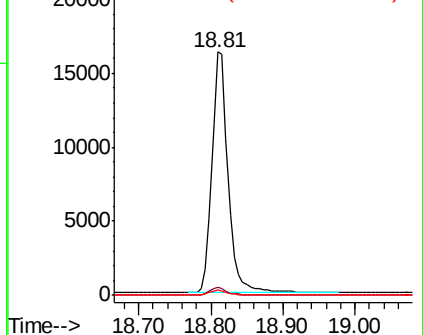
104 1.7 1.6 2.4



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: 0.390 ng

RT: 18.84 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

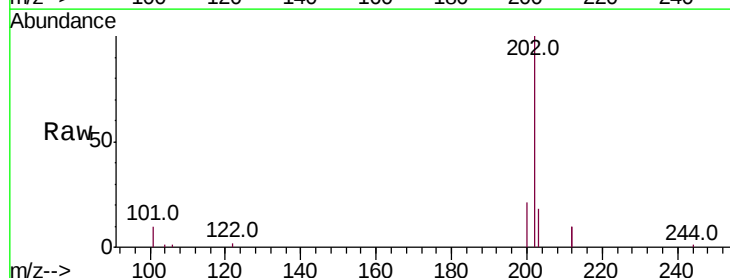
Tgt Ion:202 Resp: 6835

Ion Ratio Lower Upper

202 100

101 10.4 9.8 14.8

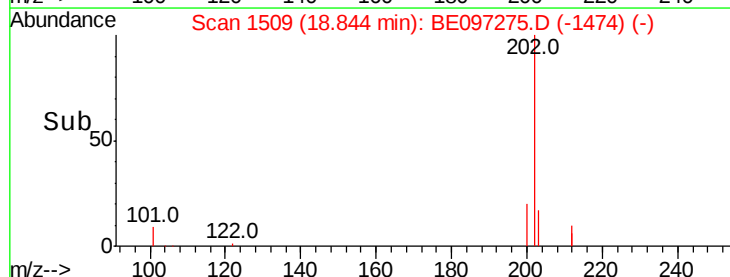
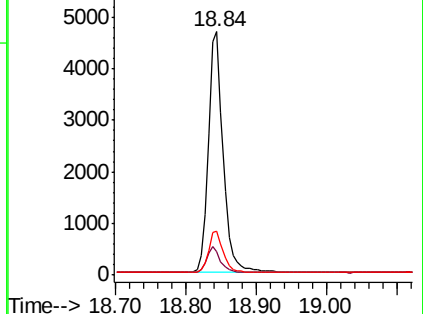
203 17.0 13.7 20.5

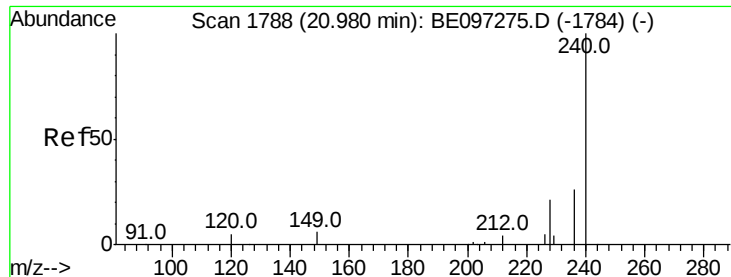


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE097275.D

Acq: 15 Aug 2018 11:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

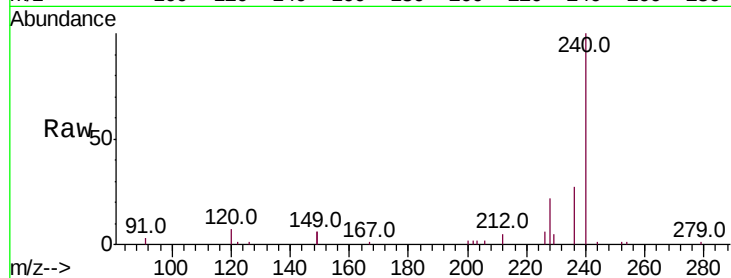
Tot Ion:240 Resp: 6437

Ion Ratio Lower Upper

240 100

120 6.9 5.5 8.3

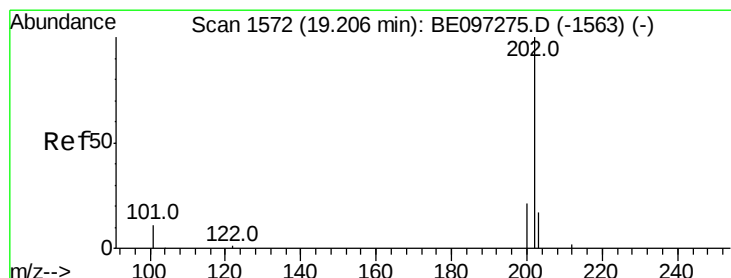
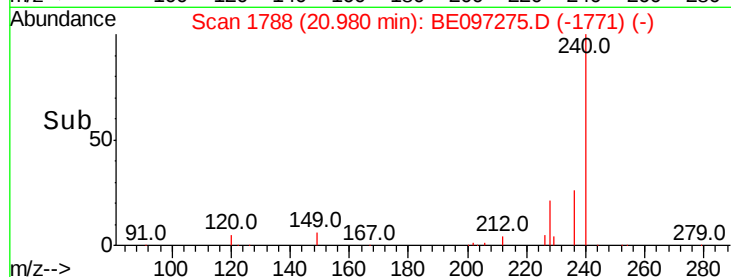
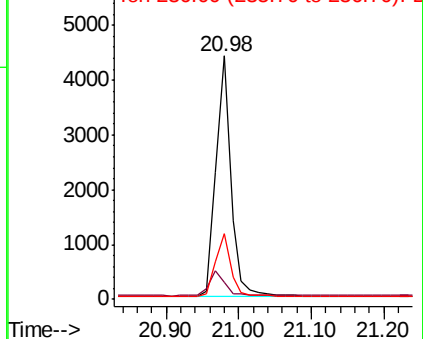
236 27.0 20.7 31.1



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: 0.356 ng

RT: 19.21 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

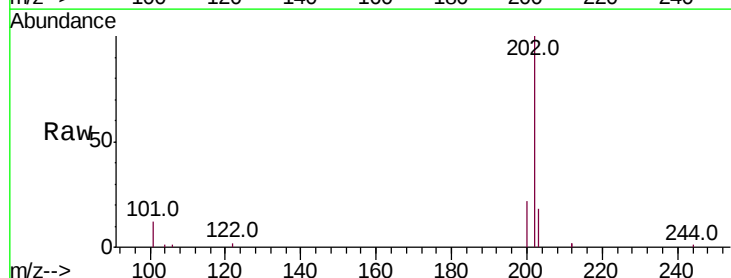
Tgt Ion:202 Resp: 6756

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

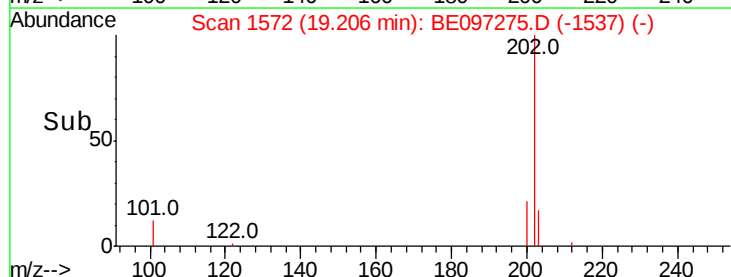
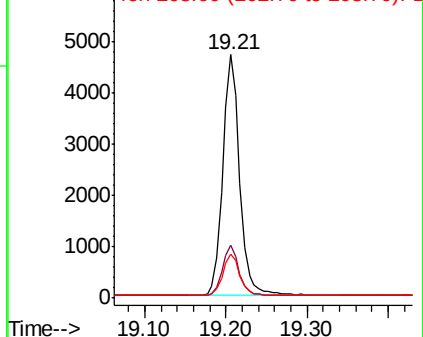
203 17.2 13.8 20.8

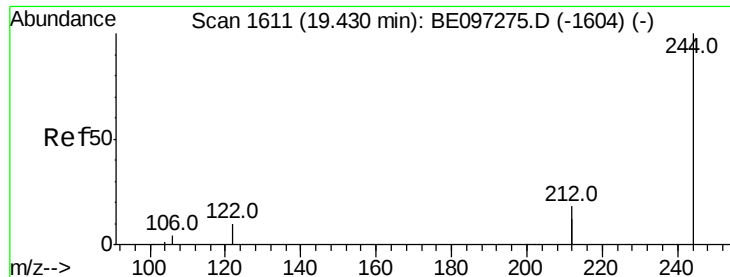


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

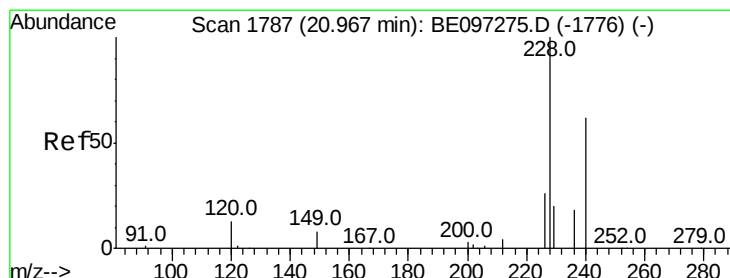
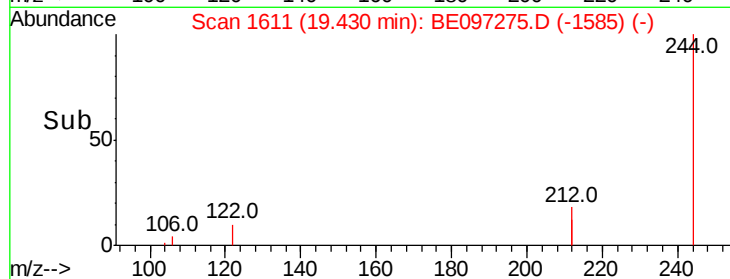
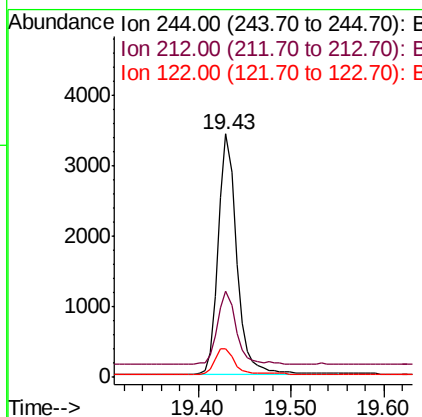
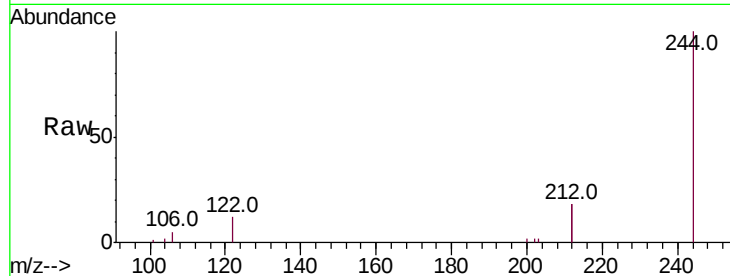




#29
 Terphenyl-d14
 Concen: 0.378 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BE097275.D
 Acq: 15 Aug 2018 11:44

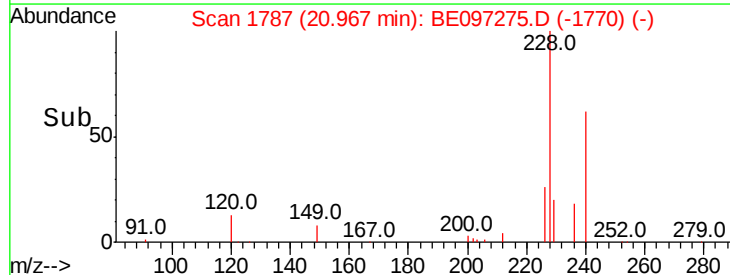
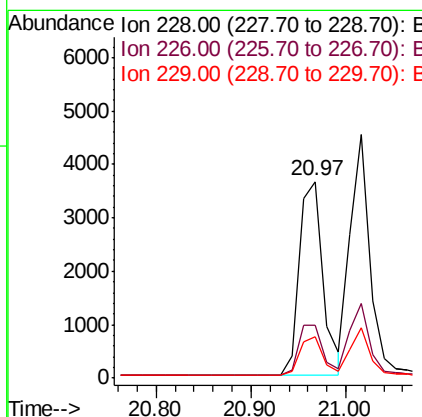
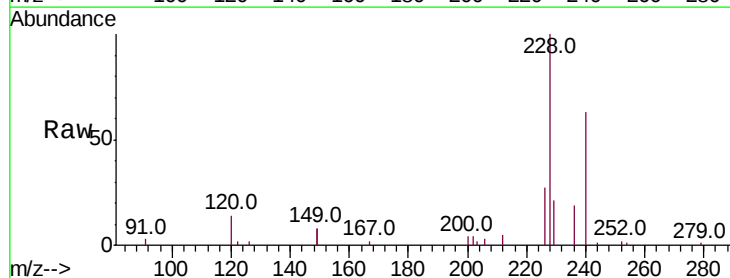
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

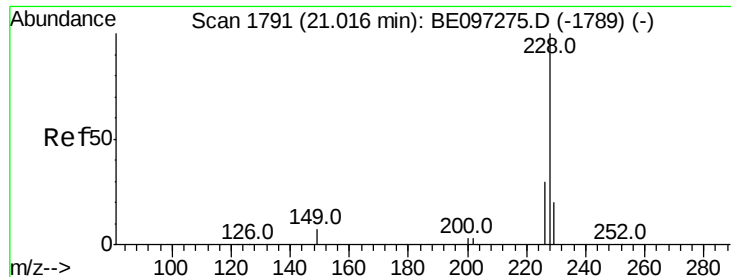
Tot Ion:244 Resp: 4699
 Ion Ratio Lower Upper
 244 100
 212 35.5 25.4 38.0
 122 11.7 8.1 12.1



#30
 Benzo(a)anthracene
 Concen: 0.412 ng
 RT: 20.97 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BE097275.D
 Acq: 15 Aug 2018 11:44

Tgt Ion:228 Resp: 6312
 Ion Ratio Lower Upper
 228 100
 226 27.0 24.0 36.0
 229 21.4 16.0 24.0





#31

Chrysene

Concen: 0.374 ng

RT: 21.02 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

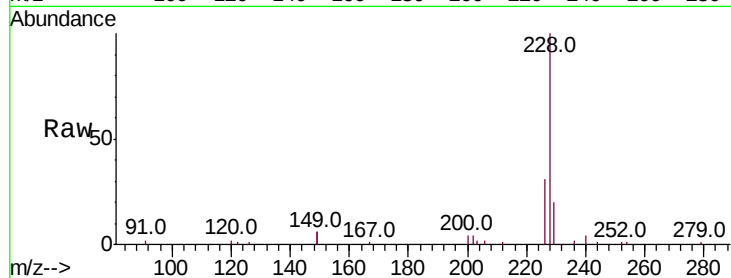
Tot Ion:228 Resp: 6429

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

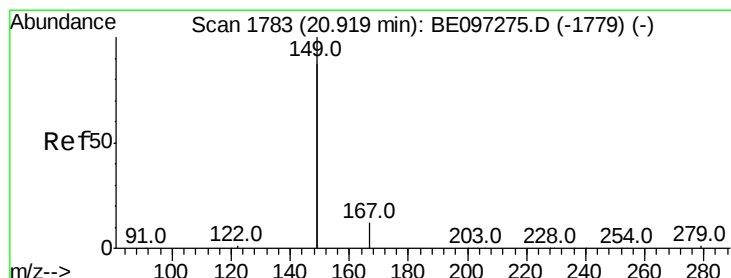
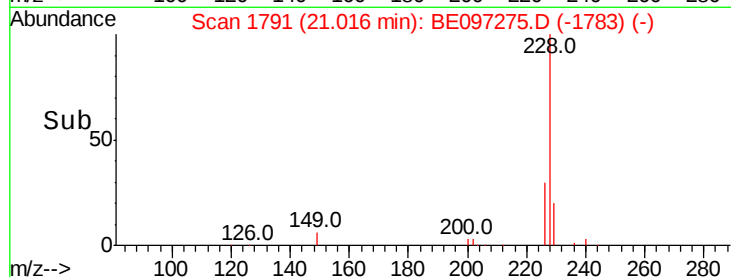
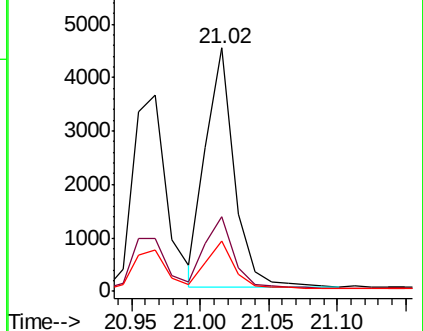
229 20.4 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.507 ng

RT: 20.92 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

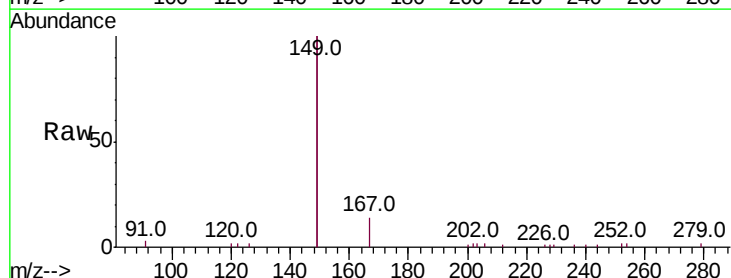
Tgt Ion:149 Resp: 7760

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

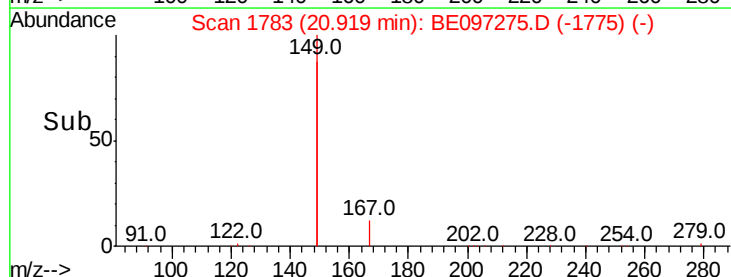
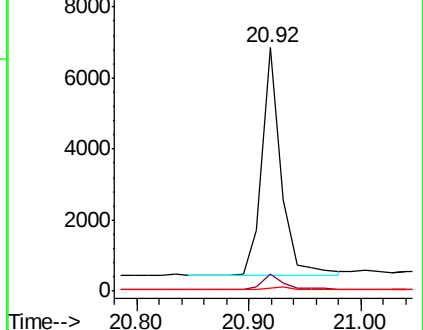
279 0.9 0.7 1.1

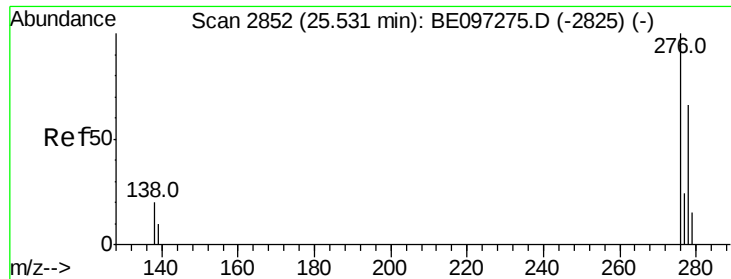


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.559 ng

RT: 25.53 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

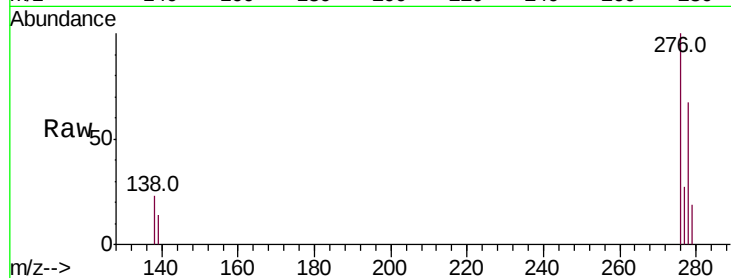
Tot Ion:276 Resp: 7003

Ion Ratio Lower Upper

276 100

138 19.7 22.5 33.7#

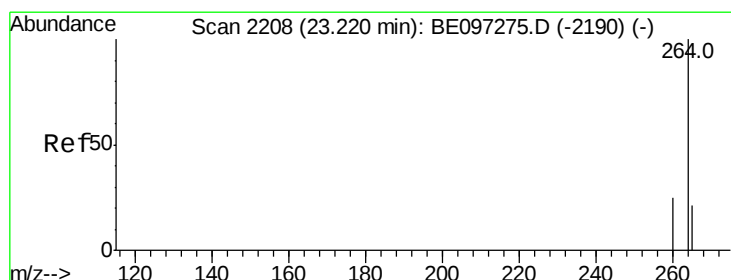
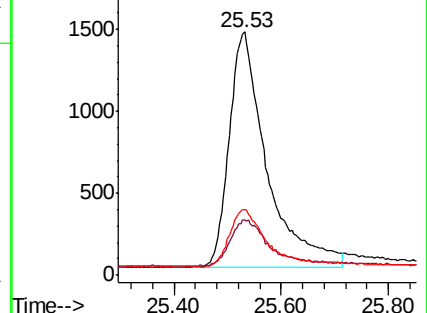
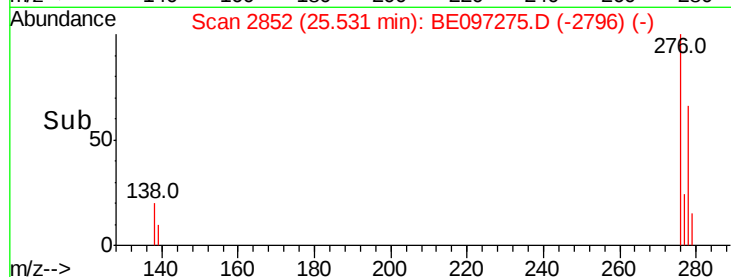
277 23.8 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

2000 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# 2208

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

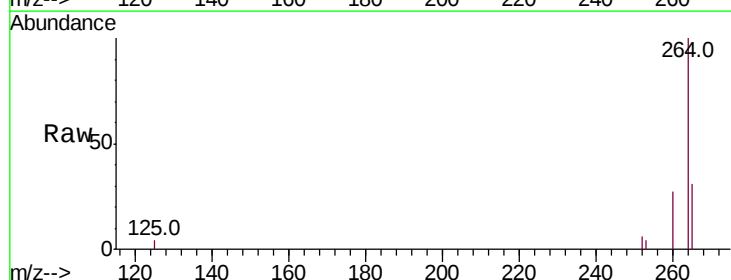
Tgt Ion:264 Resp: 6009

Ion Ratio Lower Upper

264 100

260 26.6 20.5 30.7

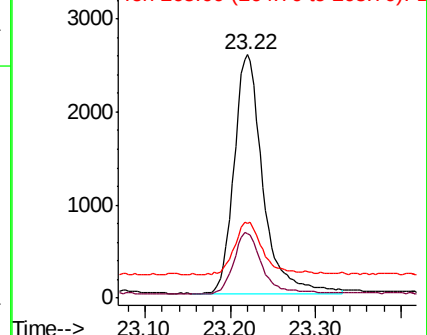
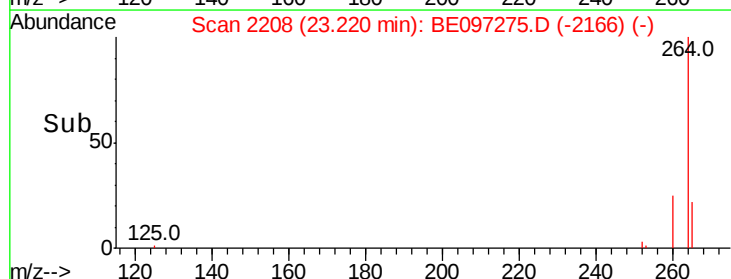
265 30.8 22.8 34.2

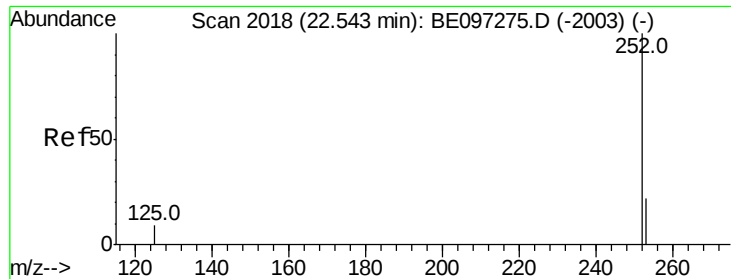


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.372 ng

RT: 22.54 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

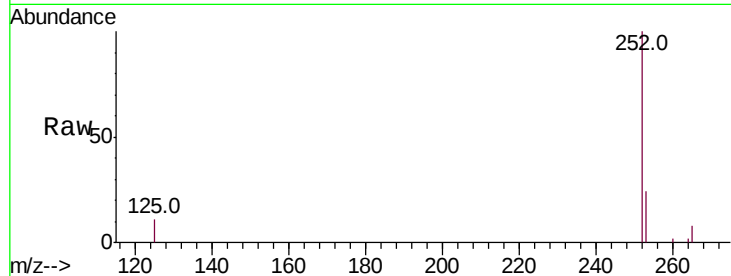
Tot Ion:252 Resp: 5712

Ion Ratio Lower Upper

252 100

253 24.4 20.0 30.0

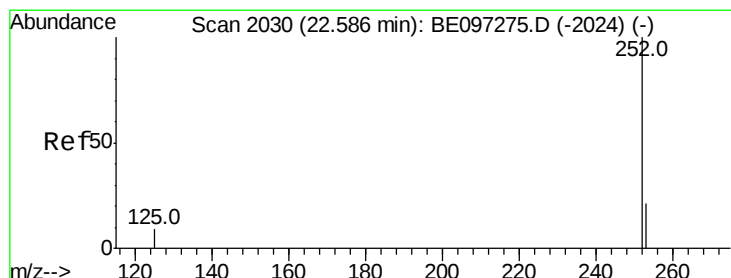
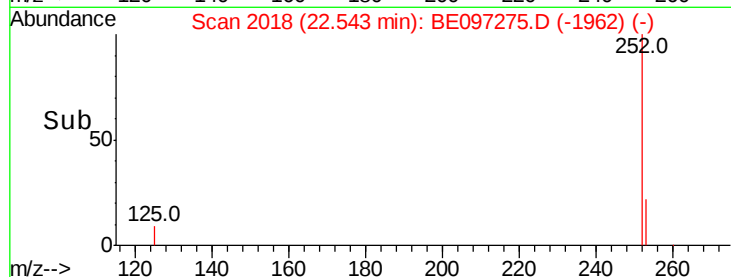
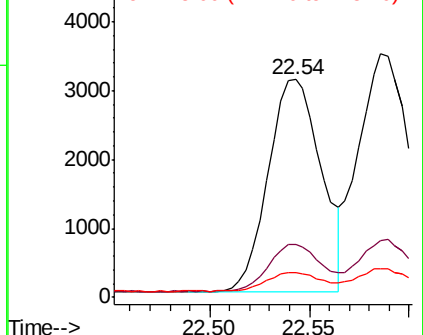
125 11.4 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.387 ng

RT: 22.59 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

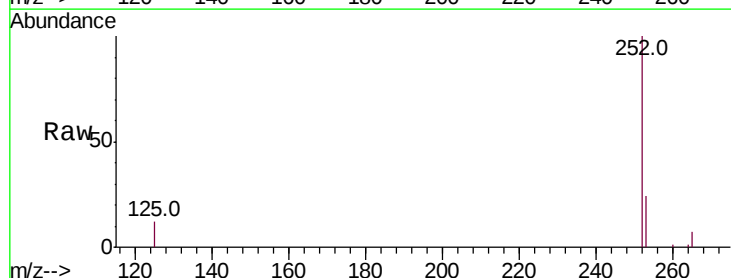
Tgt Ion:252 Resp: 7067

Ion Ratio Lower Upper

252 100

253 23.5 16.0 24.0

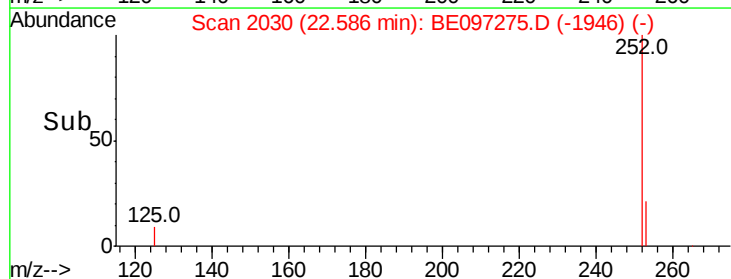
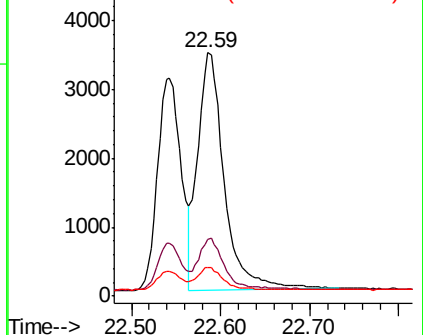
125 11.6 8.0 12.0

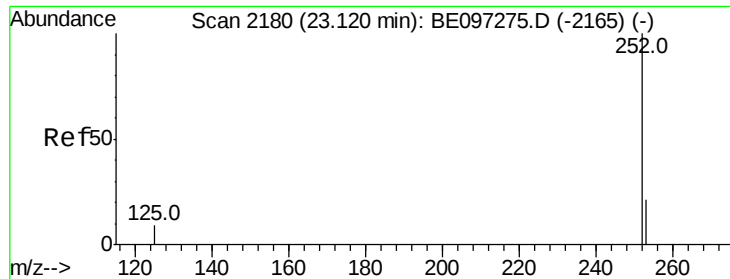


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.423 ng

RT: 23.12 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

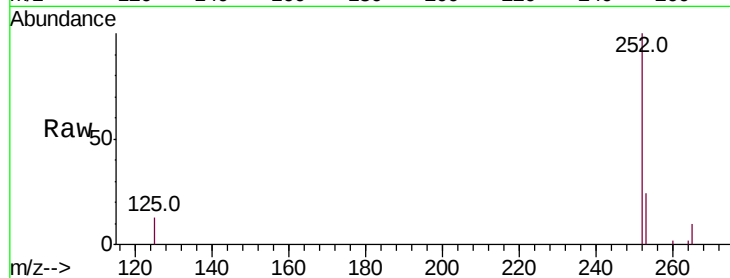
Tot Ion:252 Resp: 5808

Ion Ratio Lower Upper

252 100

253 24.4 16.0 24.0#

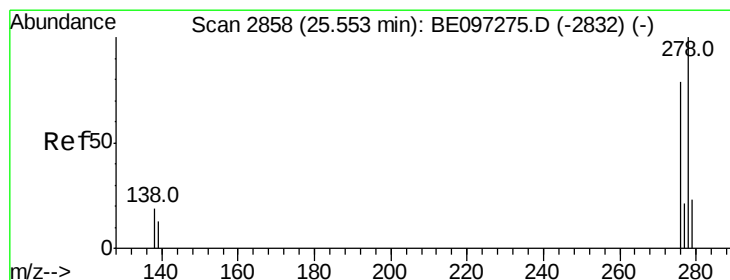
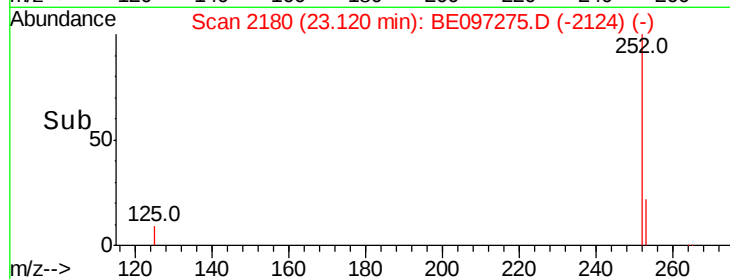
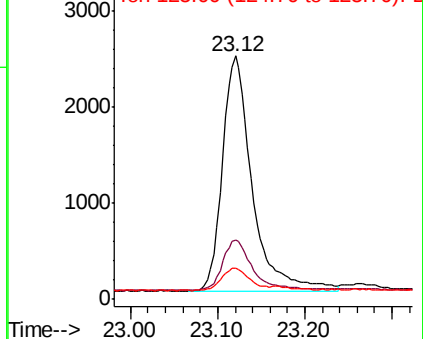
125 12.6 12.0 18.0



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: 0.499 ng

RT: 25.55 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

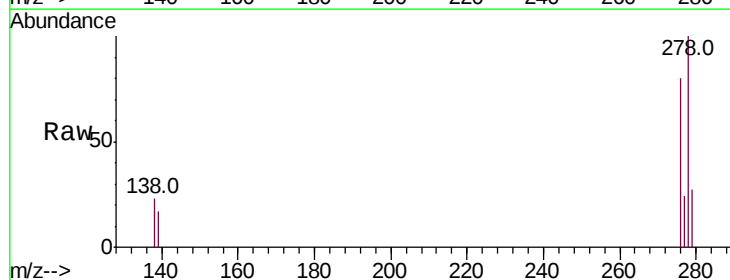
Tgt Ion:278 Resp: 5590

Ion Ratio Lower Upper

278 100

139 17.4 16.0 24.0

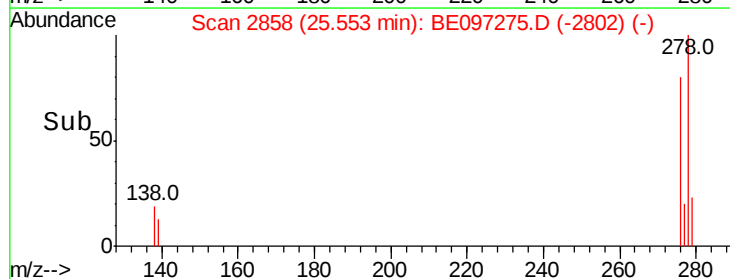
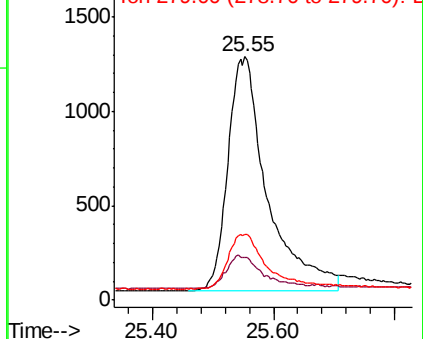
279 26.8 20.0 30.0

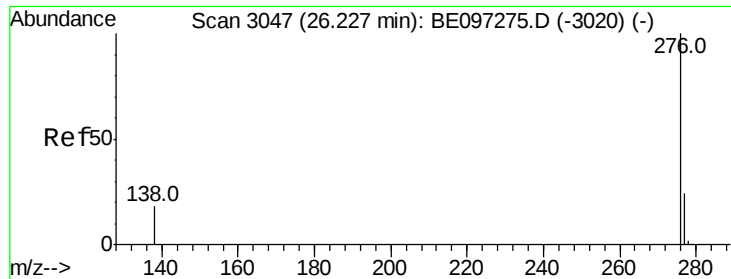


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.456 ng

RT: 26.23 min Scan# 3047

Delta R.T. 0.00 min

Lab File: BE097275.D

Acq: 15 Aug 2018 11:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

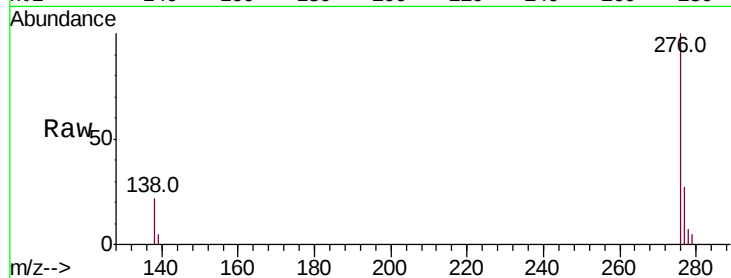
Tot Ion:276 Resp: 5685

Ion Ratio Lower Upper

276 100

277 26.8 16.0 24.0#

138 21.9 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

