

Data File : BE097665.D
Acq On : 25 Sep 2018 19:43
Operator : SJ/JU
Sample : J5033-17MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Quant Time: Sep 26 07:36:25 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 18:40:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	811	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3504	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	1895	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	5724	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8567	0.40	ng	0.00
34) Perylene-d12	23.20	264	8078	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	423	0.20	ng	0.00
5) Phenol-d6	6.64	99	231	0.08	ng	0.02
8) Nitrobenzene-d5	8.54	82	1175	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2715	0.52	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	383	0.49	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	4415	0.71	ng	-0.01
25) Fluoranthene-d10	18.80	212	35614	0.57	ng	0.00
29) Terphenyl-d14	19.41	244	8089	0.48	ng	0.00

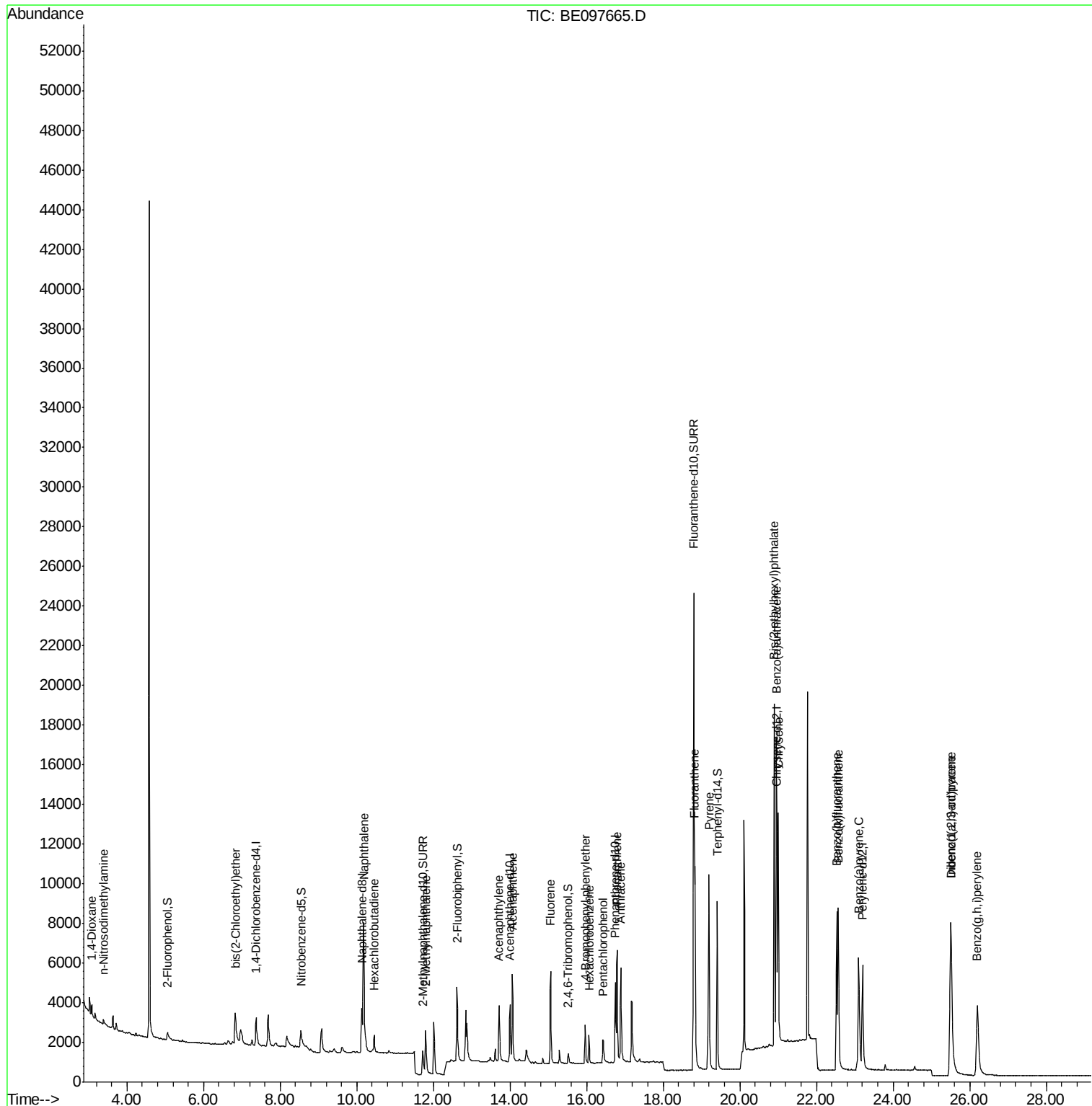
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	351	0.237	ng	# 67
3) n-Nitrosodimethylamine	3.39	42	191	0.246	ng	# 92
6) bis(2-Chloroethyl)ether	6.84	93	1081	0.429	ng	87
9) Naphthalene	10.18	128	15859	0.498	ng	100
10) Hexachlorobutadiene	10.46	225	606	0.418	ng	96
12) 2-Methylnaphthalene	11.80	142	2465	0.489	ng	98
16) Acenaphthylene	13.71	152	3832	0.503	ng	99
17) Acenaphthene	14.06	154	2435	0.489	ng	96
18) Fluorene	15.06	166	3385	0.484	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	1167	0.460	ng	# 85
21) Hexachlorobenzene	16.07	284	1178	0.403	ng	# 86
22) Pentachlorophenol	16.44	266	971	1.326	ng	# 75
23) Phenanthrene	16.80	178	7023	0.519	ng	98
24) Anthracene	16.89	178	6099	0.542	ng	96
26) Fluoranthene	18.83	202	9688	0.596	ng	99
28) Pyrene	19.19	202	10104	0.452	ng	99
30) Benzo(a)anthracene	20.95	228	11400	0.563	ng	95
31) Chrysene	21.00	228	11465	0.484	ng	99
32) Bis(2-ethylhexyl)phthalate	20.89	149	18001	0.778	ng	100
33) Indeno(1,2,3-cd)pyrene	25.50	276	12632	0.506	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	10531	0.510	ng	# 88
36) Benzo(k)fluoranthene	22.57	252	12679	0.519	ng	95
37) Benzo(a)pyrene	23.10	252	10541	0.517	ng	# 92
38) Dibenzo(a,h)anthracene	25.51	278	10286	0.480	ng	# 94
39) Benzo(g,h,i)perylene	26.20	276	10305	0.483	ng	# 91

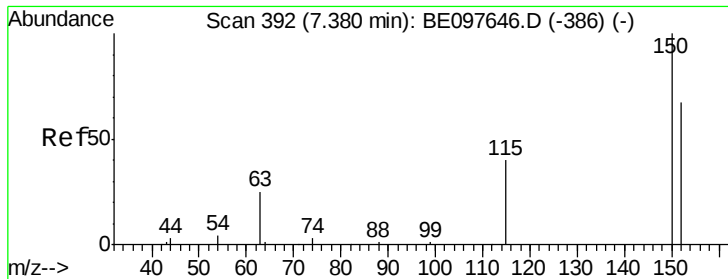
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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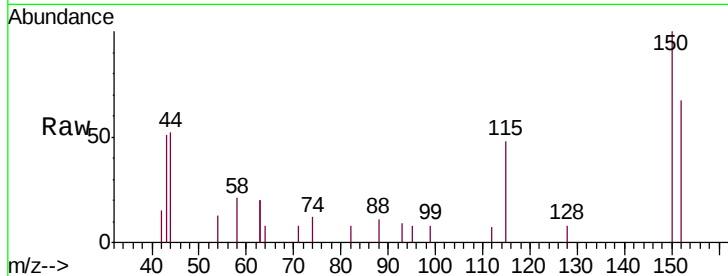


#1

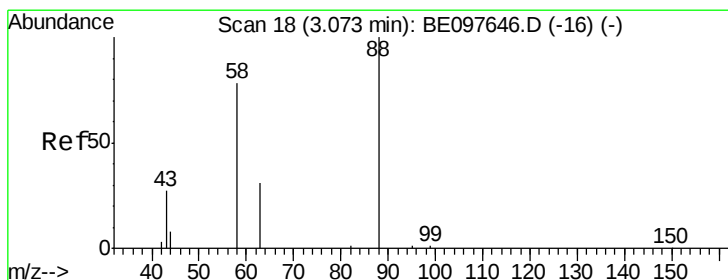
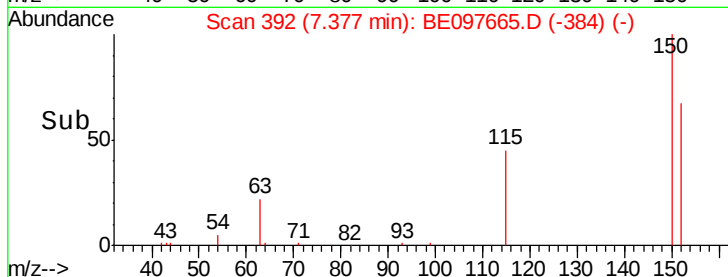
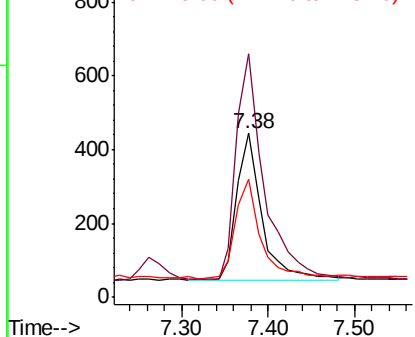
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097665.D
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Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion: 152 Resp: 811
Ion Ratio Lower Upper
152 100
150 148.8 117.2 175.8
115 72.0 57.0 85.6



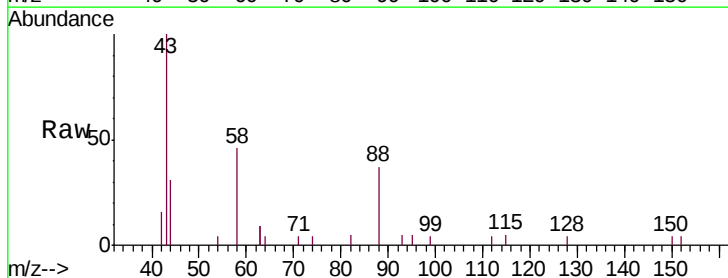
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



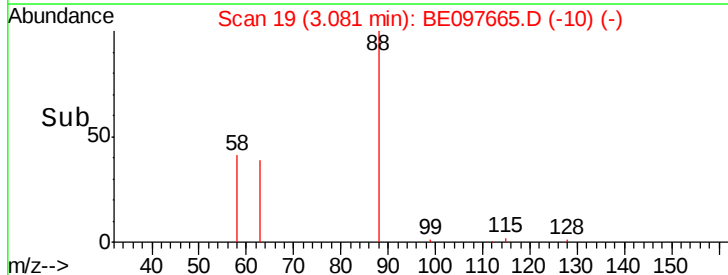
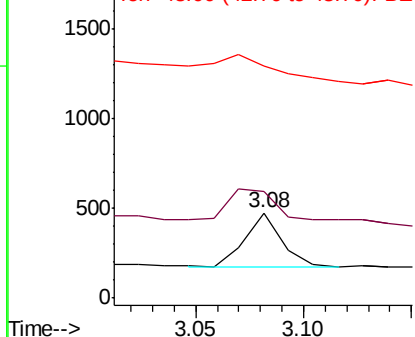
#2

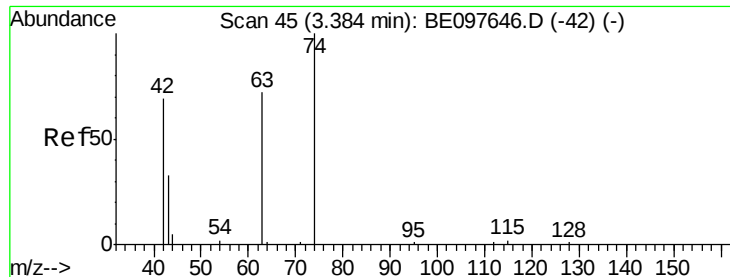
1,4-Dioxane
Concen: 0.237 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion: 88 Resp: 351
Ion Ratio Lower Upper
88 100
58 67.8 63.2 94.8
43 96.6 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: 0.246 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

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ClientSampleId :

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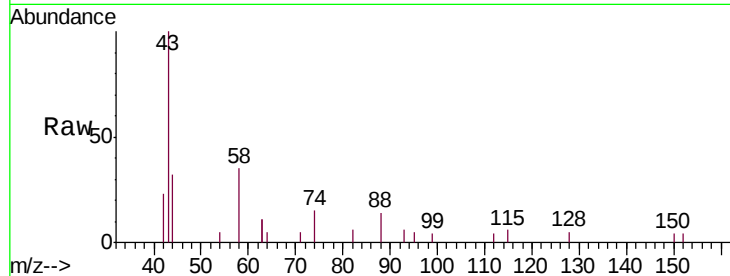
Tgt Ion: 42 Resp: 191

Ion Ratio Lower Upper

42 100

74 129.3 96.0 144.0

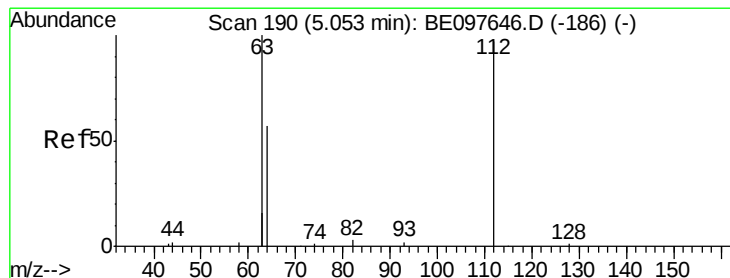
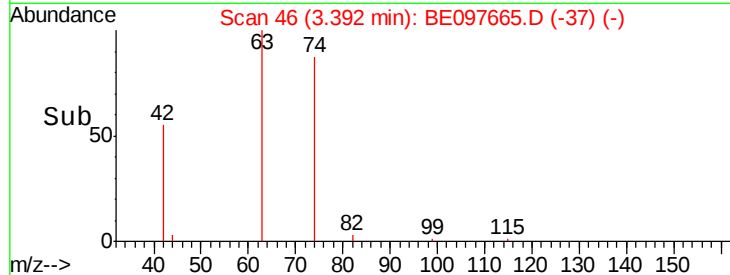
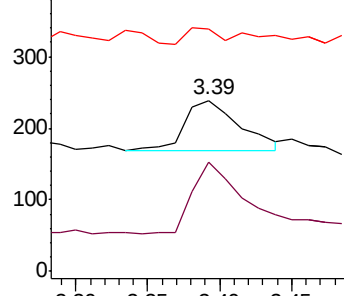
44 18.3 12.0 18.0#



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



#4

2-Fluorophenol

Concen: 0.198 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

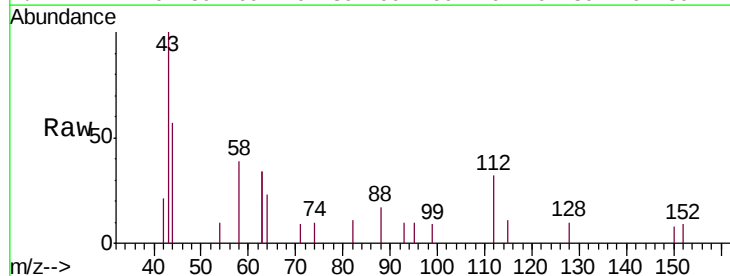
Tgt Ion: 112 Resp: 423

Ion Ratio Lower Upper

112 100

64 67.8 60.1 90.1

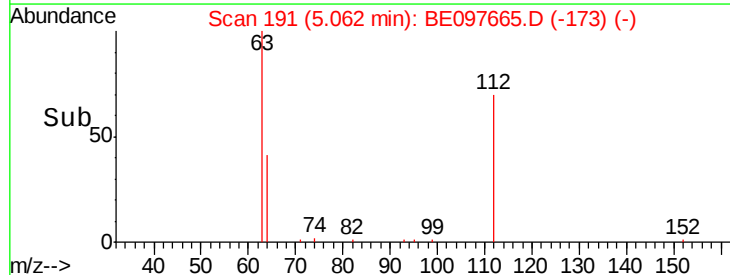
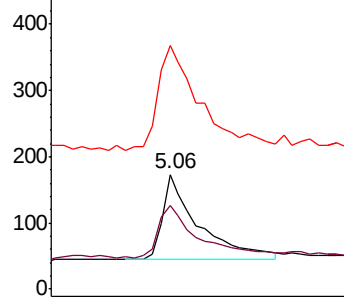
63 146.1 116.8 175.2

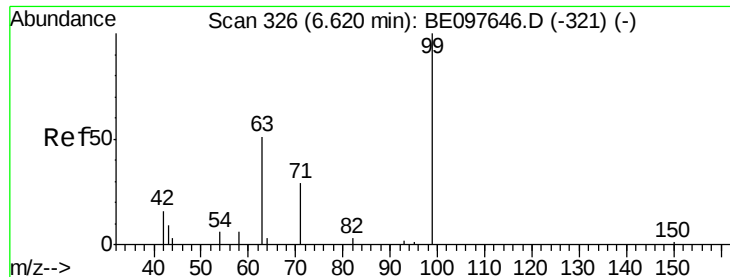


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.077 ng

RT: 6.64 min Scan# 328

Delta R.T. 0.02 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MSD

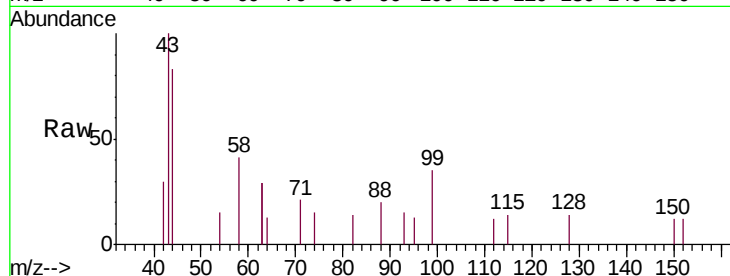
Tgt Ion: 99 Resp: 231

Ion Ratio Lower Upper

99 100

42 29.4 20.2 30.2

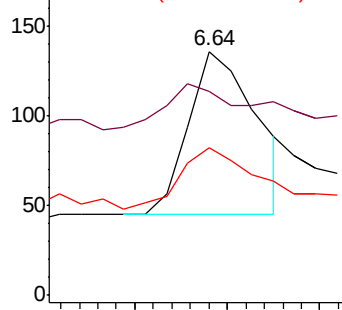
71 39.8 28.4 42.6



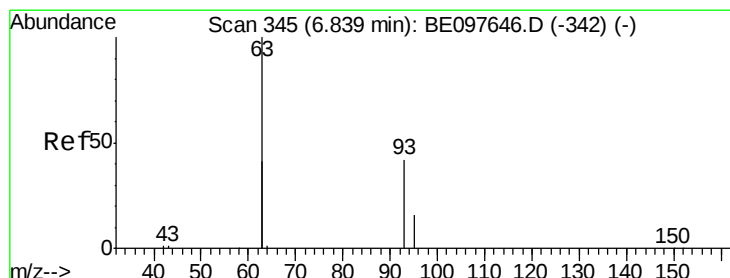
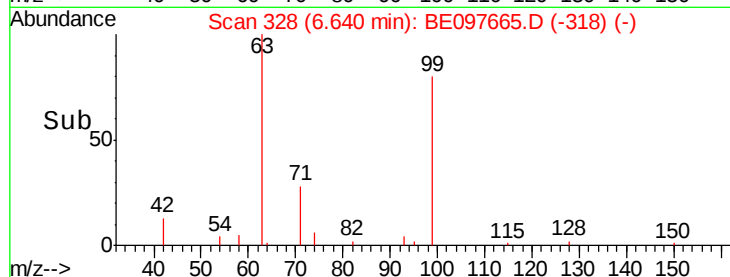
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.429 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

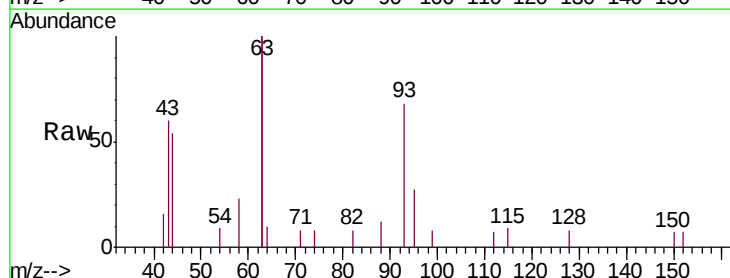
Tgt Ion: 93 Resp: 1081

Ion Ratio Lower Upper

93 100

63 314.0 275.3 412.9

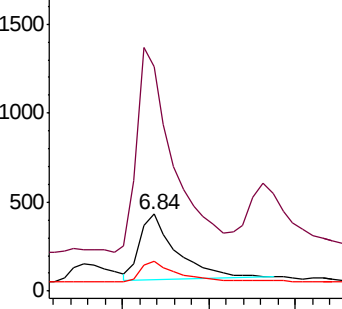
95 34.0 25.2 37.8



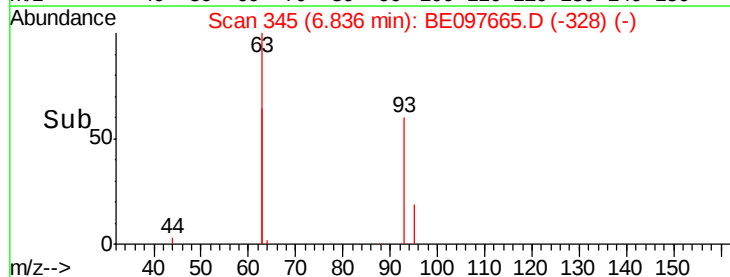
Abundance Ion 93.00 (92.70 to 93.70): BE0

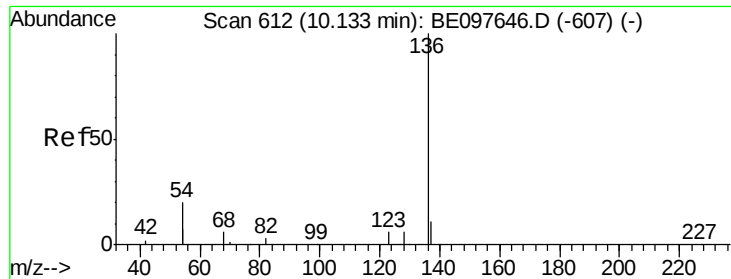
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

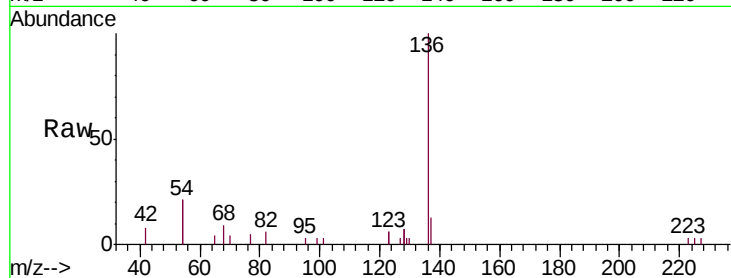
Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MSD

Tgt Ion:	136	Resp:	3504
Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.5	14.3
54	41.1	29.1	43.7
68	9.4	6.2	9.2#

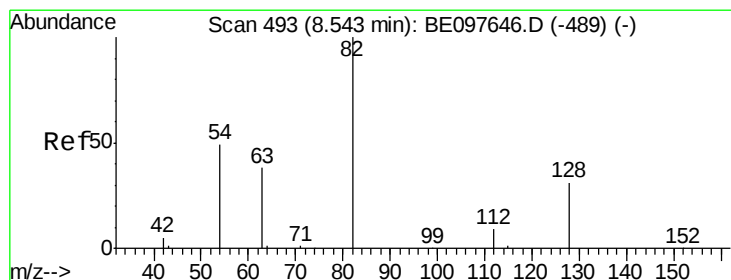
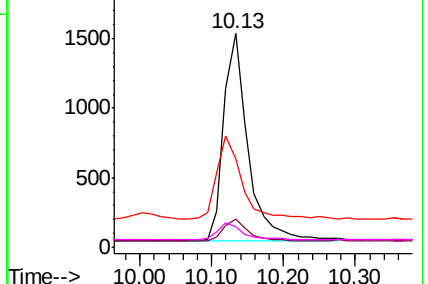
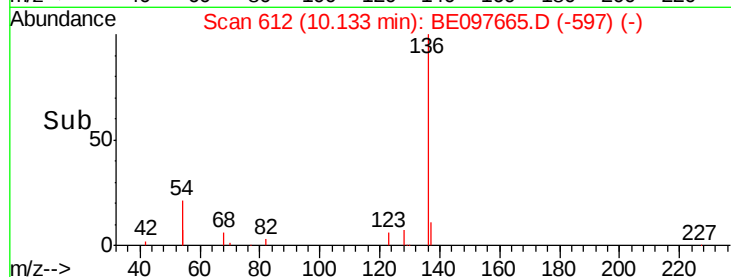


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.525 ng

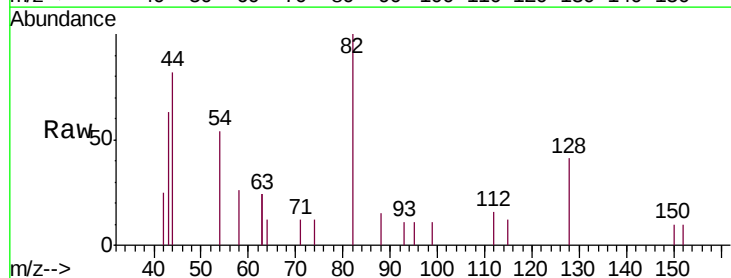
RT: 8.54 min Scan# 493

Delta R.T. -0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

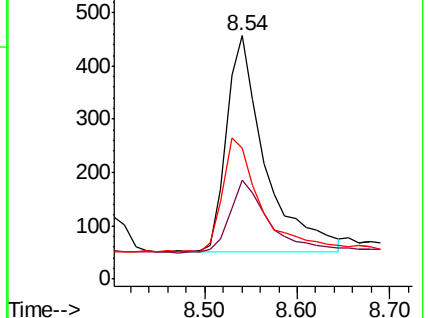
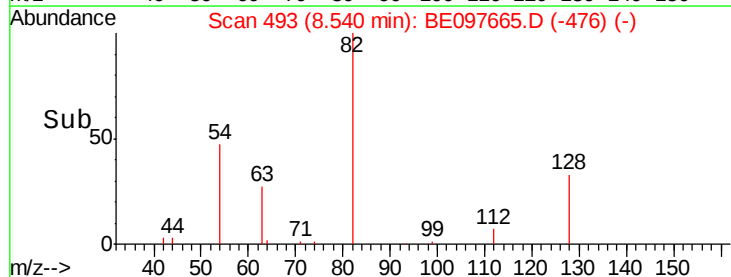
Tgt Ion:	82	Resp:	1175
Ion	Ratio	Lower	Upper
82	100		
128	40.7	24.0	36.0#
54	53.6	40.0	60.0

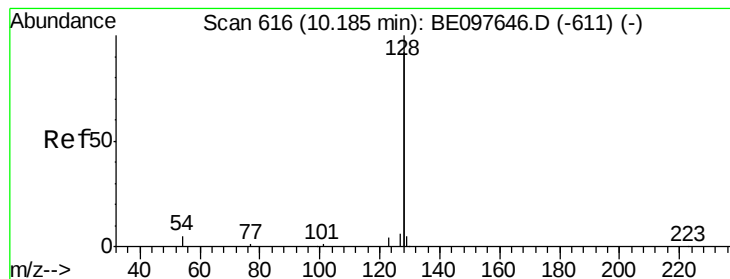


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.498 ng

RT: 10.18 min Scan# 616

Delta R.T. -0.00 min

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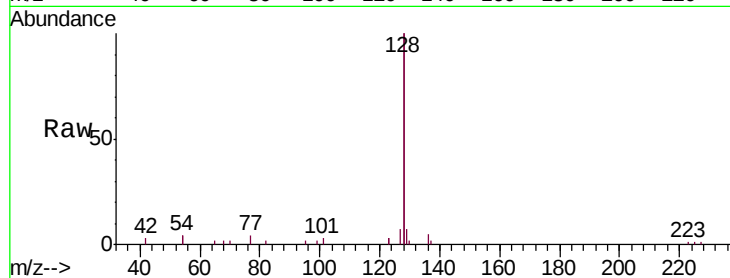
Tgt Ion:128 Resp: 15859

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

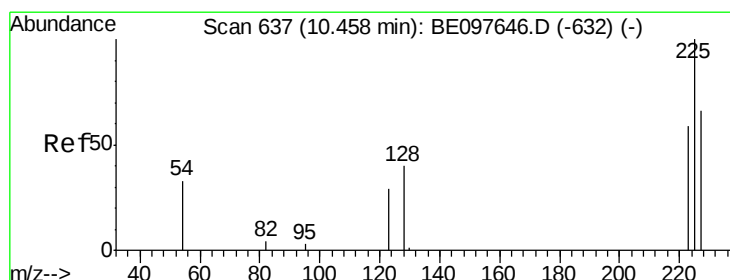
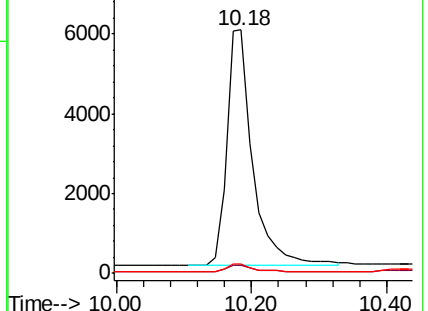
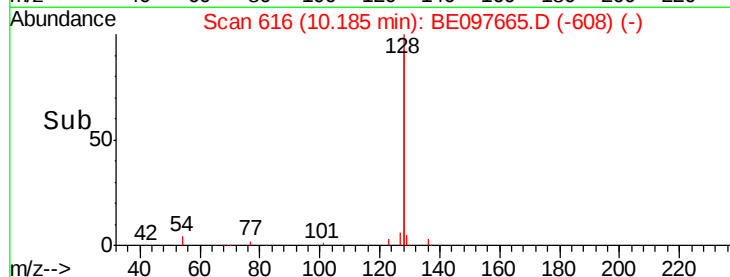
127 3.7 2.8 4.2



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: 0.418 ng

RT: 10.46 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

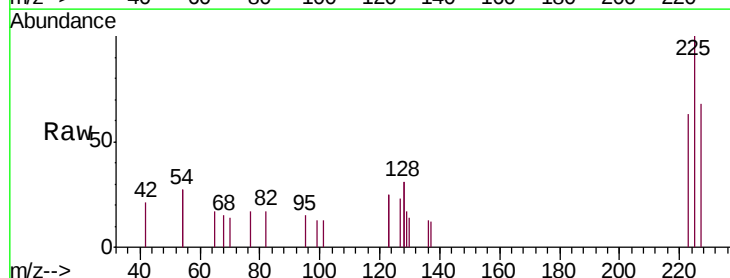
Tgt Ion:225 Resp: 606

Ion Ratio Lower Upper

225 100

223 62.0 53.0 79.6

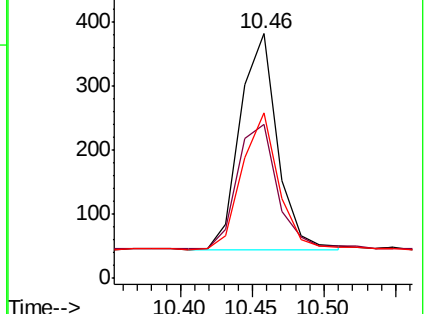
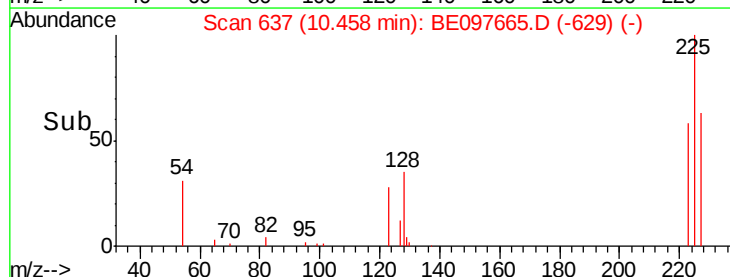
227 62.2 51.4 77.2

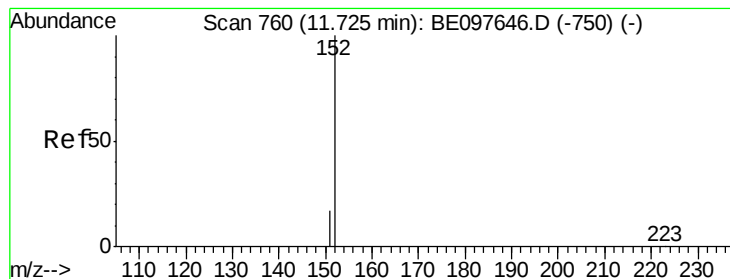


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.523 ng

RT: 11.72 min Scan# 759

Delta R.T. -0.00 min

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ClientSampleId :

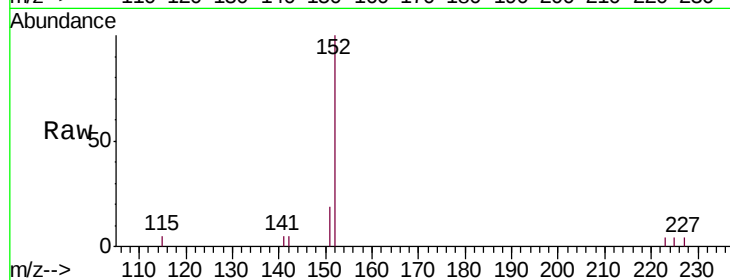
BPSI-TT-MW311I-20180919MSD

Tgt Ion:152 Resp: 2715

Ion Ratio Lower Upper

152 100

151 16.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.72

1200

1000

800

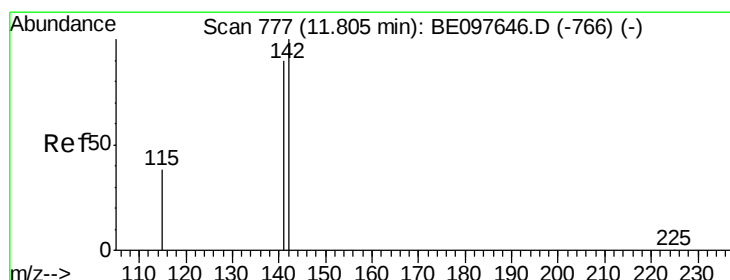
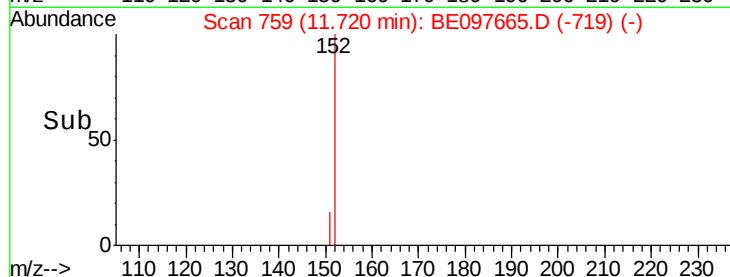
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.489 ng

RT: 11.80 min Scan# 776

Delta R.T. -0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

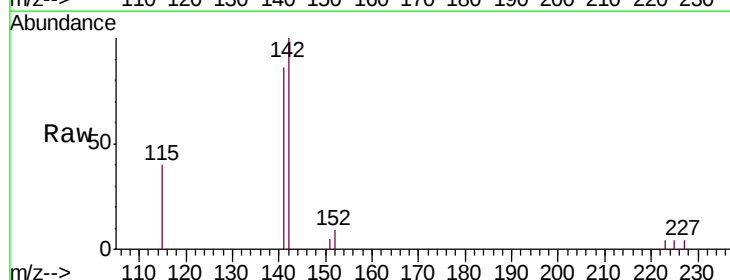
Tgt Ion:142 Resp: 2465

Ion Ratio Lower Upper

142 100

141 86.2 70.4 105.6

115 40.0 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

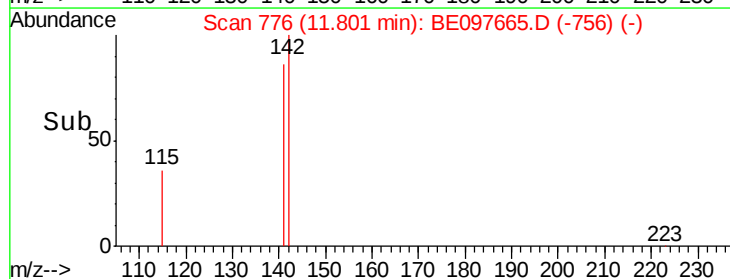
11.80

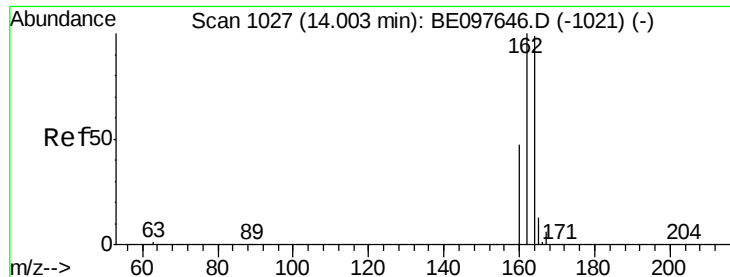
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1026

Delta R.T. -0.00 min

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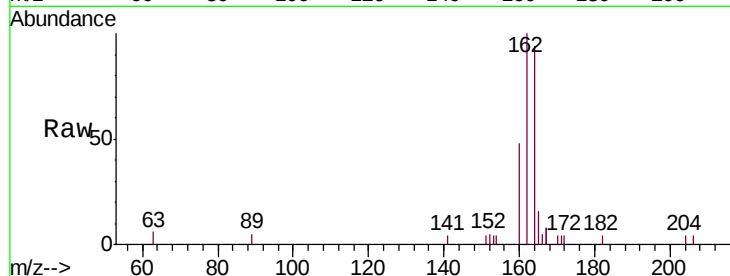
Tgt Ion:164 Resp: 1895

Ion Ratio Lower Upper

164 100

162 106.5 83.1 124.7

160 51.0 37.1 55.7

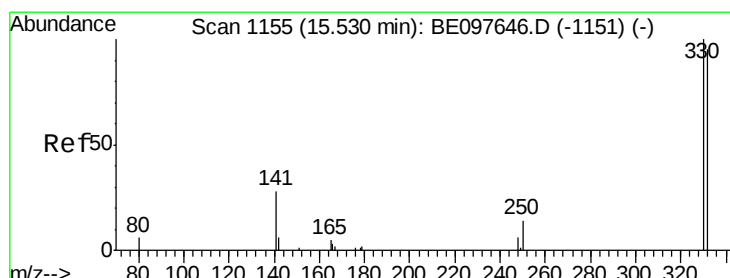
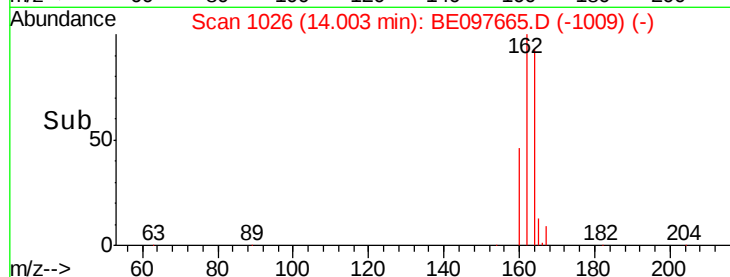
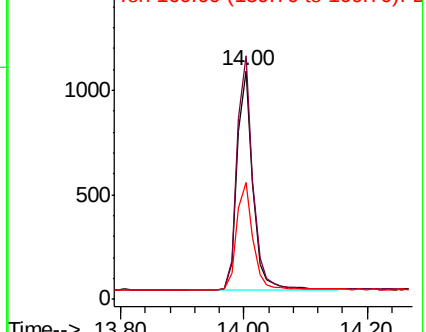


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.485 ng

RT: 15.52 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

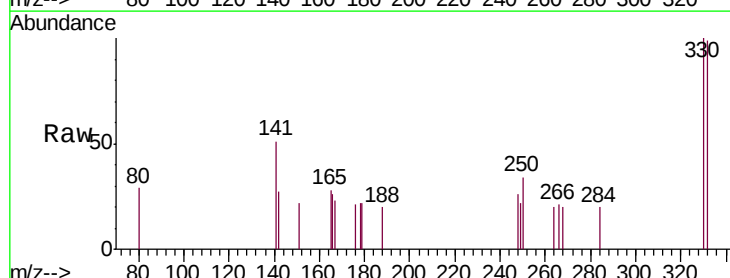
Tgt Ion:330 Resp: 383

Ion Ratio Lower Upper

330 100

332 99.0 152.7 229.1#

141 34.2 33.7 50.5

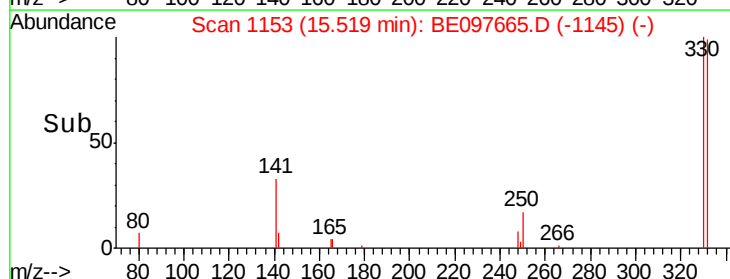
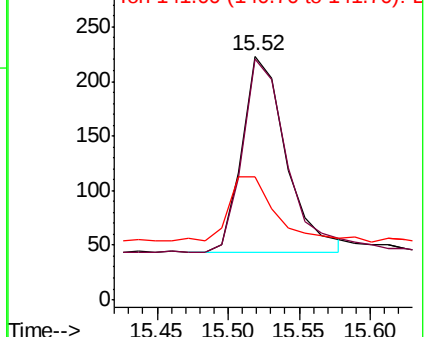


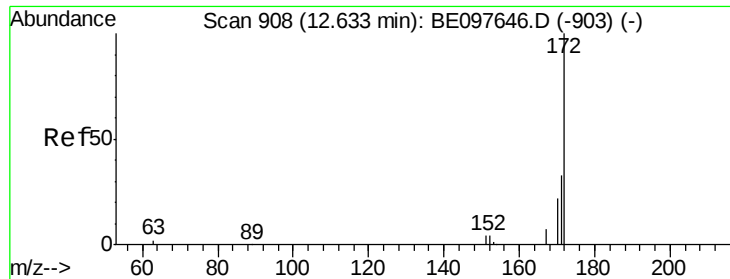
Abundance

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

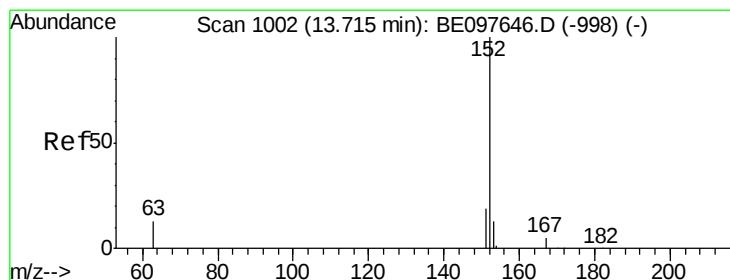
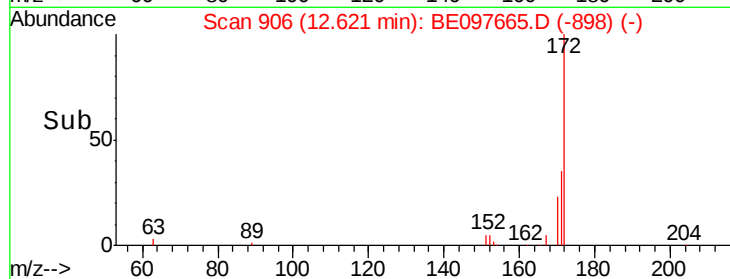
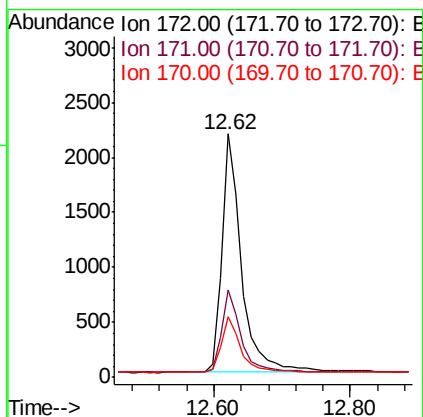
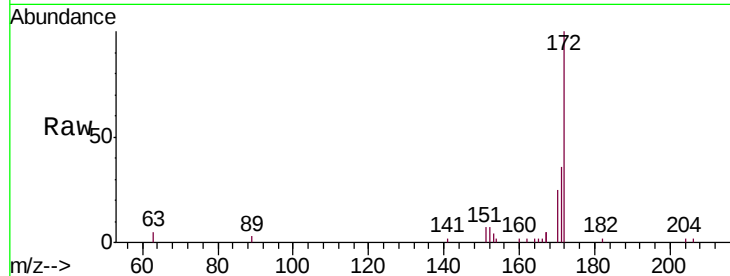




#15
2-Fluorobiphenyl
Concen: 0.714 ng
RT: 12.62 min Scan# 906
Delta R.T. -0.01 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

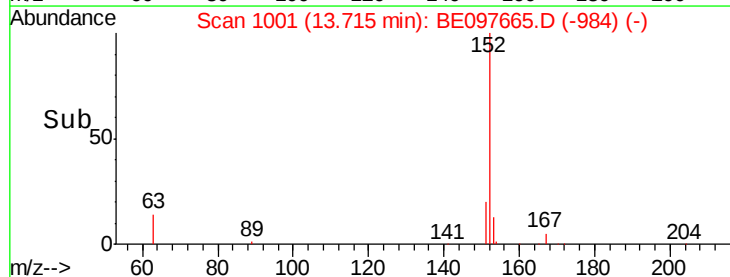
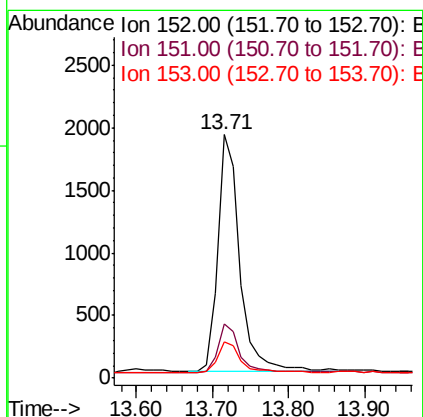
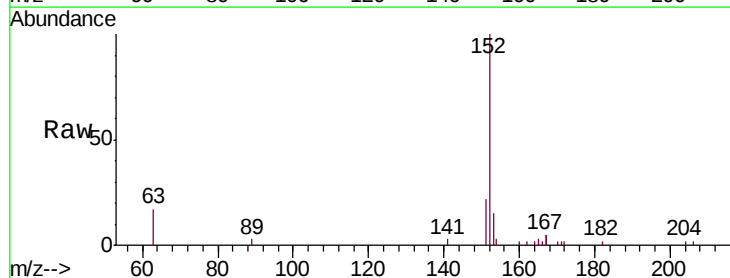
Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

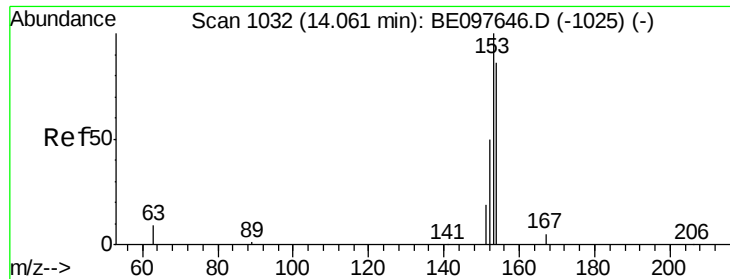
Tgt Ion:172 Resp: 4415
Ion Ratio Lower Upper
172 100
171 35.9 29.9 44.9
170 24.9 21.8 32.8



#16
Acenaphthylene
Concen: 0.503 ng
RT: 13.71 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion:152 Resp: 3832
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.8 10.5 15.7

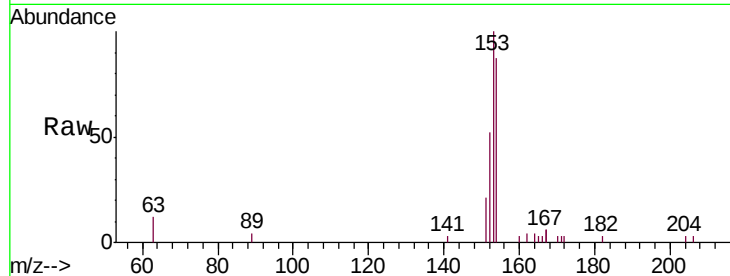




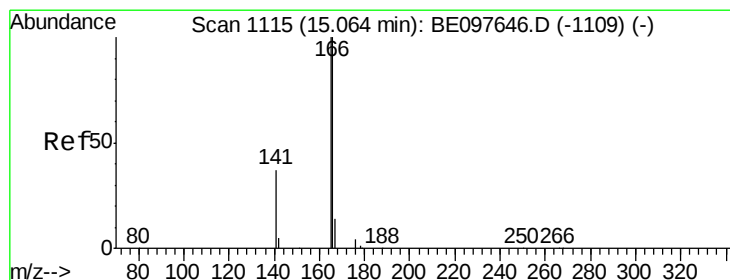
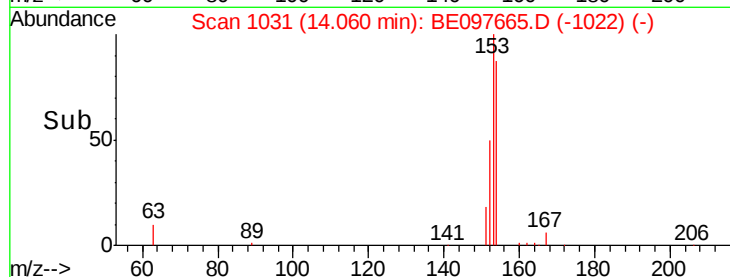
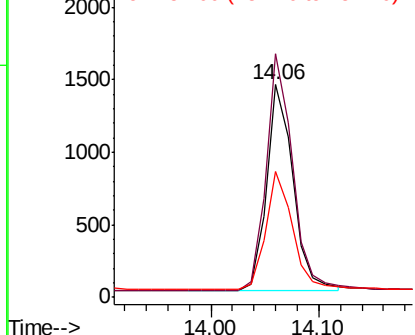
#17
Acenaphthene
Concen: 0.489 ng
RT: 14.06 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion:154 Resp: 2435
Ion Ratio Lower Upper
154 100
153 113.8 89.2 133.8
152 57.4 42.0 63.0

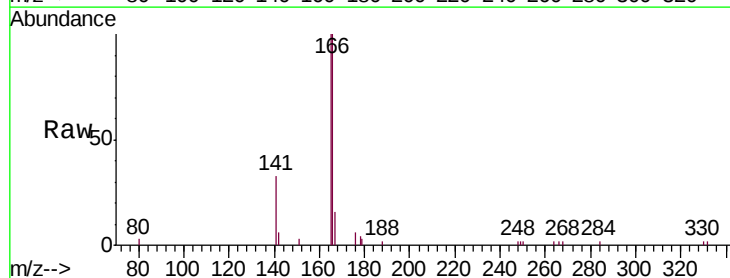


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

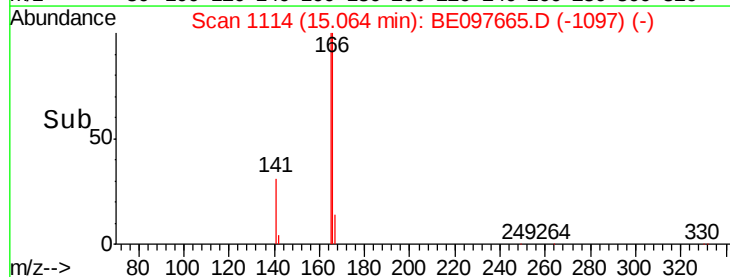
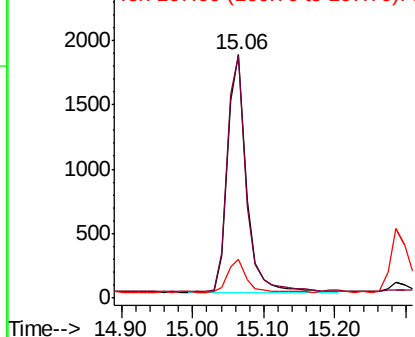


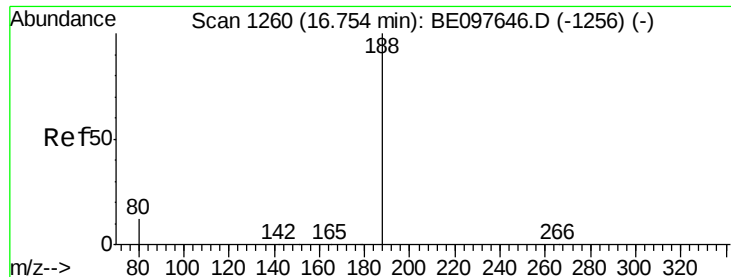
#18
Fluorene
Concen: 0.484 ng
RT: 15.06 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion:166 Resp: 3385
Ion Ratio Lower Upper
166 100
165 99.1 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: 16.75 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MSD

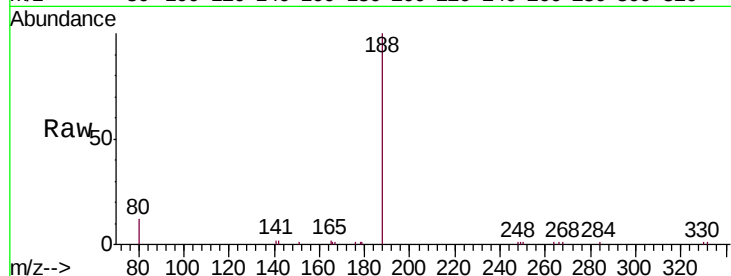
Tgt Ion:188 Resp: 5724

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

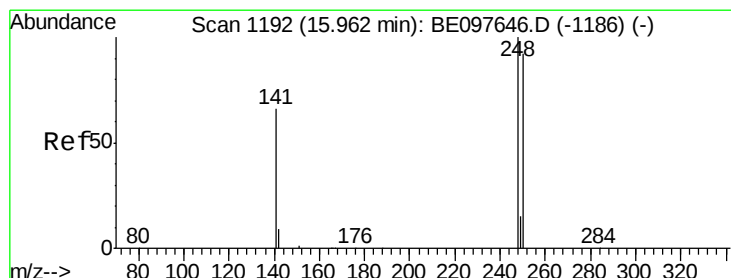
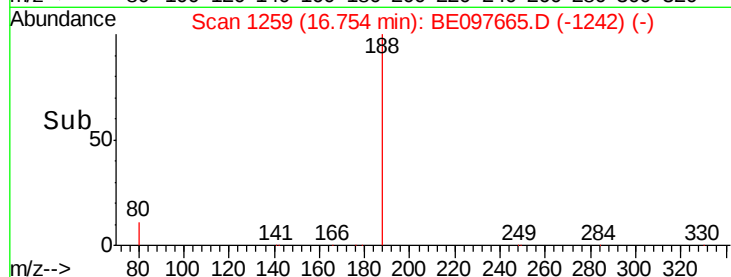
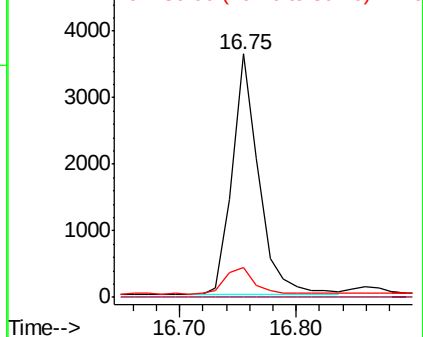
80 12.0 3.6 5.4#



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: 0.460 ng

RT: 15.96 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

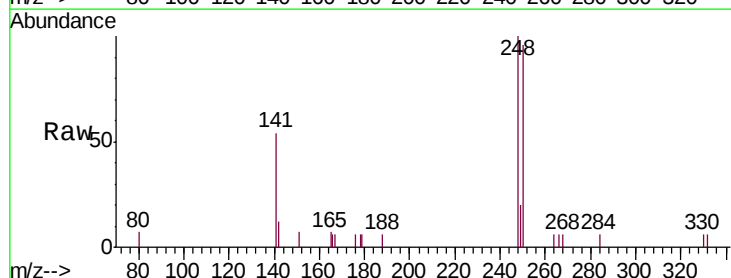
Tgt Ion:248 Resp: 1167

Ion Ratio Lower Upper

248 100

250 96.1 62.7 94.1#

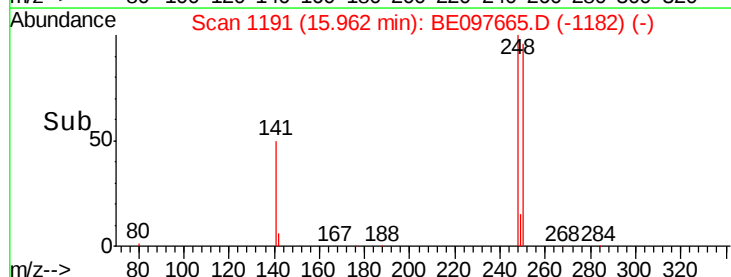
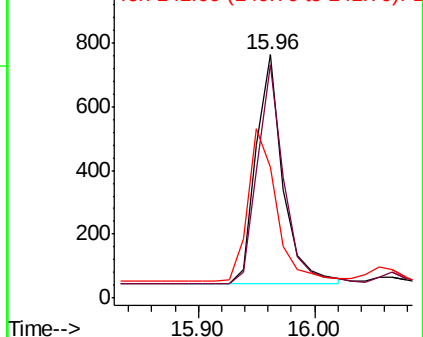
141 54.0 48.2 72.2

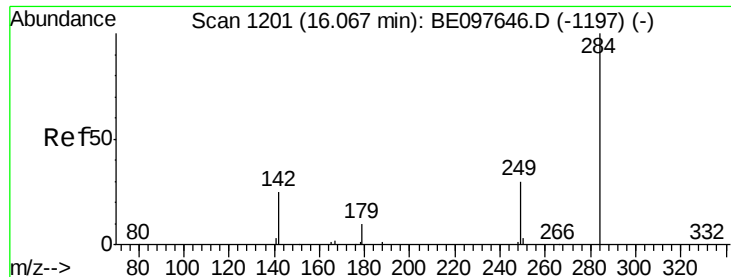


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

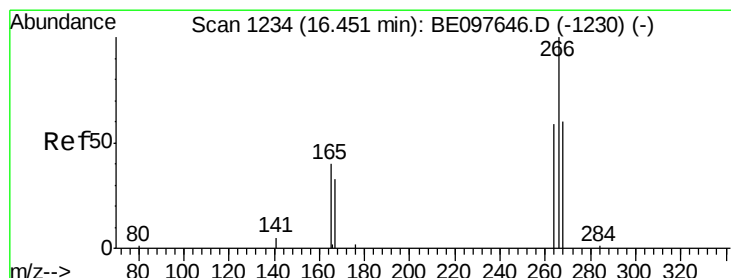
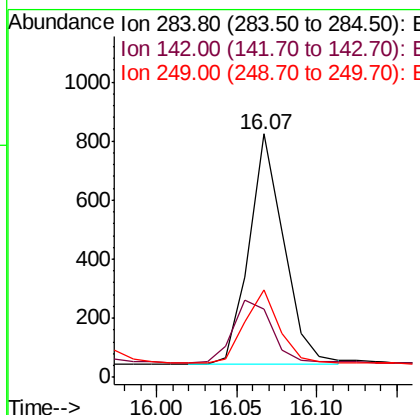
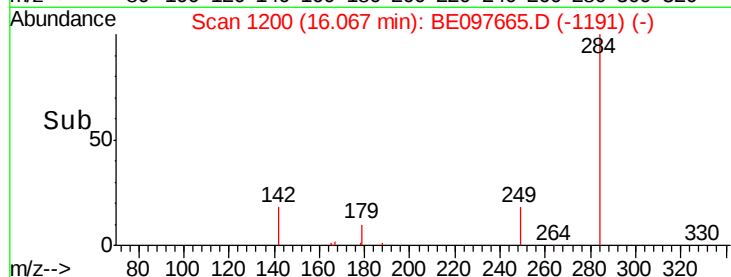
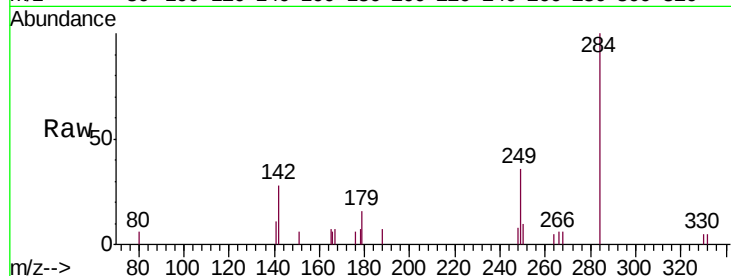




#21
Hexachlorobenzene
Concen: 0.403 ng
RT: 16.07 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

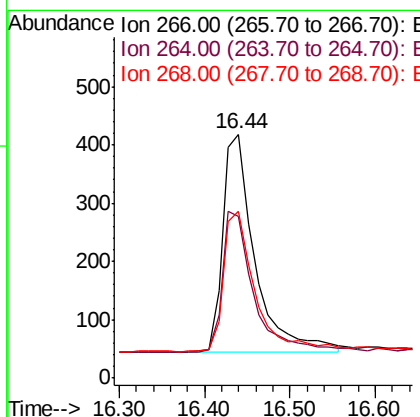
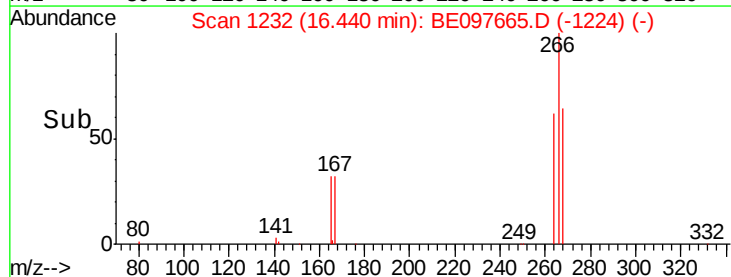
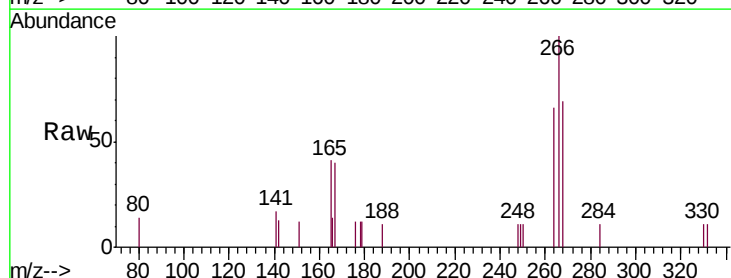
Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

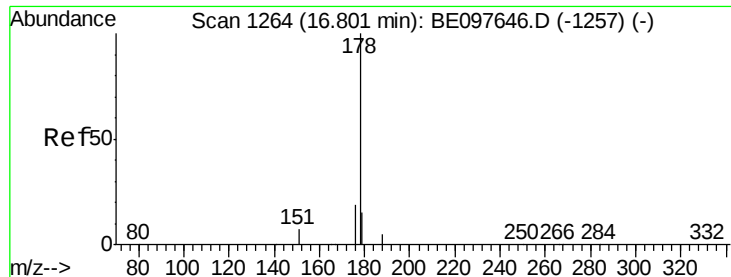
Tgt Ion: 284 Resp: 1178
Ion Ratio Lower Upper
284 100
142 31.5 22.1 33.1
249 31.8 34.8 52.2#



#22
Pentachlorophenol
Concen: 1.326 ng
RT: 16.44 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion: 266 Resp: 971
Ion Ratio Lower Upper
266 100
264 66.3 72.5 108.7#
268 68.7 73.8 110.6#





#23

Phenanthrene

Concen: 0.519 ng

RT: 16.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MSD

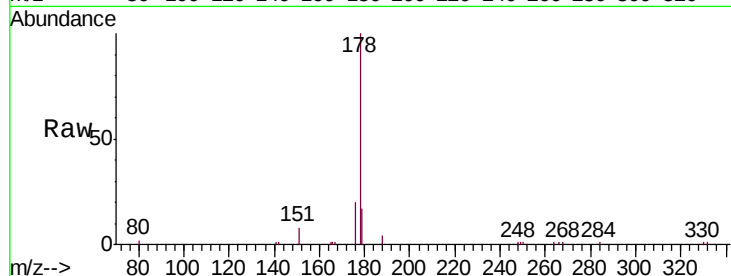
Tgt Ion:178 Resp: 7023

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

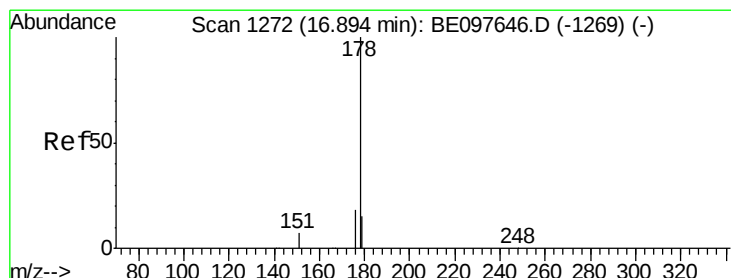
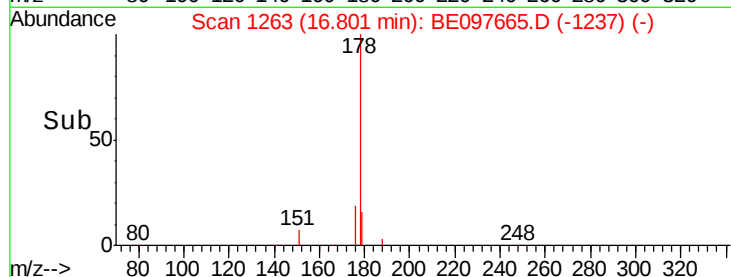
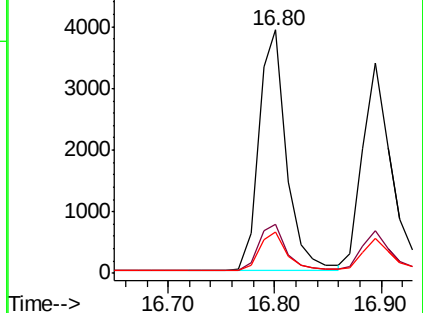
179 15.6 11.8 17.6



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: 0.542 ng

RT: 16.89 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

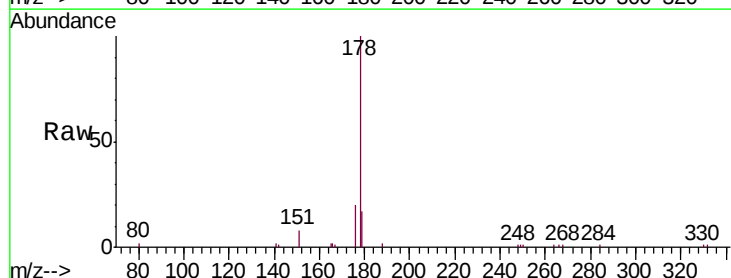
Tgt Ion:178 Resp: 6099

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

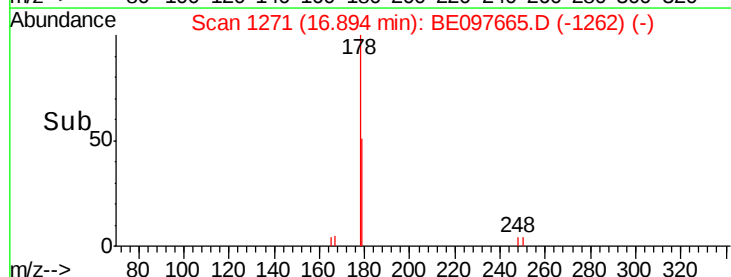
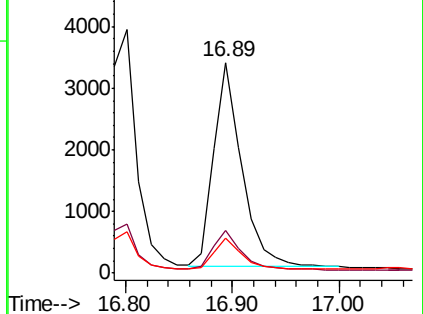
179 15.5 13.0 19.6

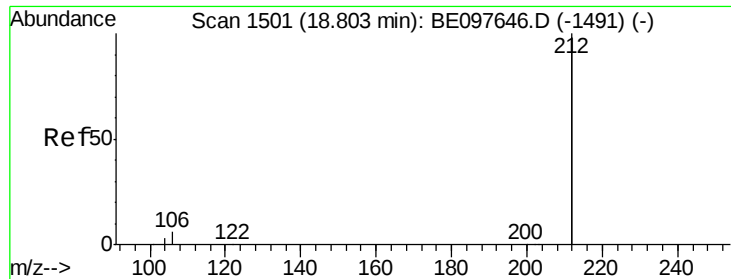


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.571 ng

RT: 18.80 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MSD

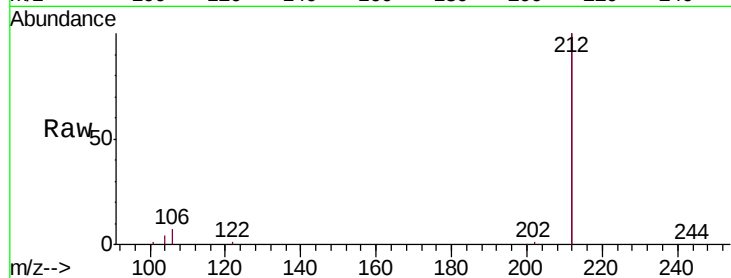
Tgt Ion:212 Resp: 35614

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

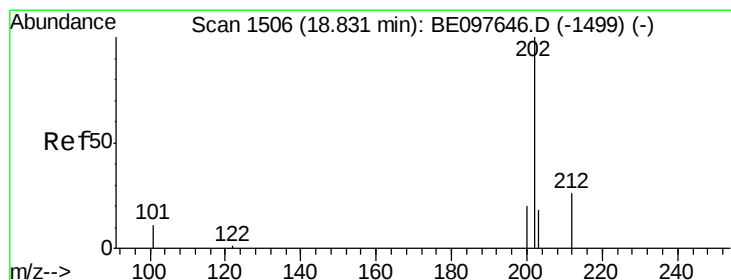
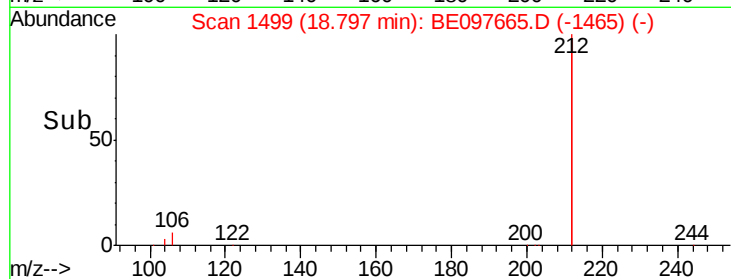
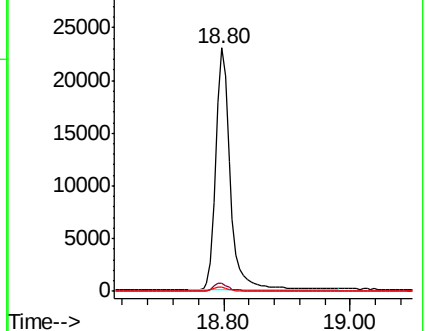
104 1.8 1.6 2.4



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: 0.596 ng

RT: 18.83 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

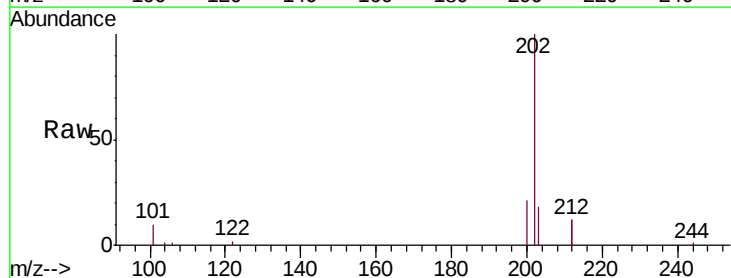
Tgt Ion:202 Resp: 9688

Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.8

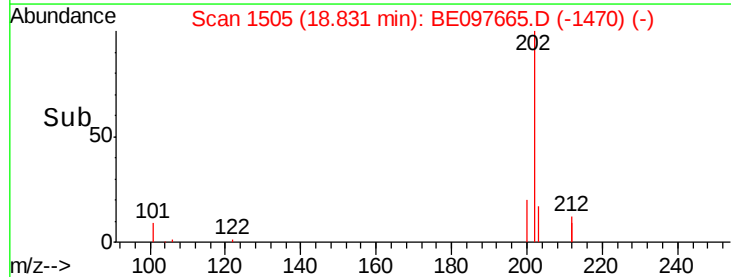
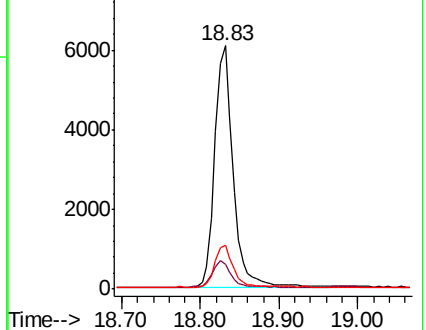
203 17.0 13.7 20.5

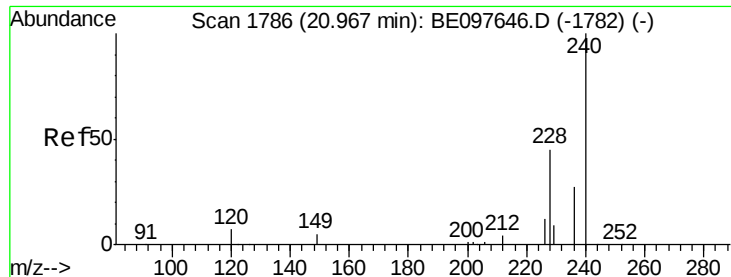


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.97 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MSD

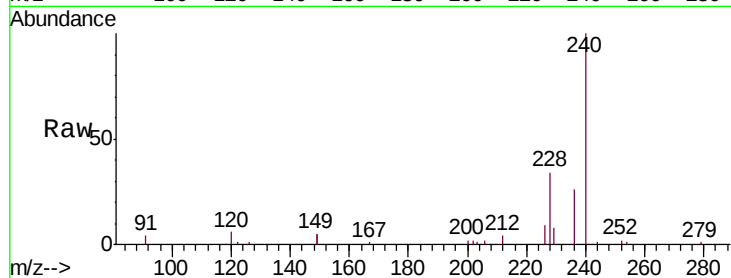
Tgt Ion:240 Resp: 8567

Ion Ratio Lower Upper

240 100

120 6.0 5.5 8.3

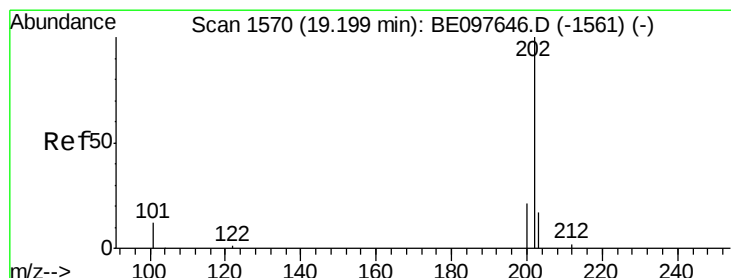
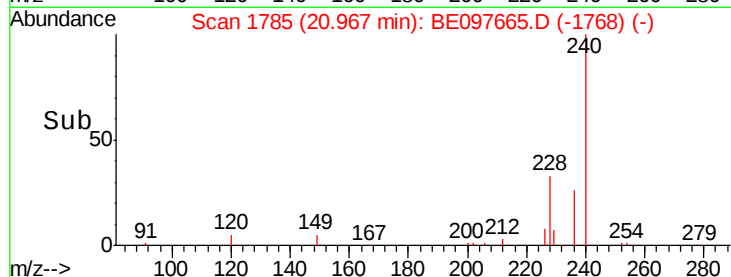
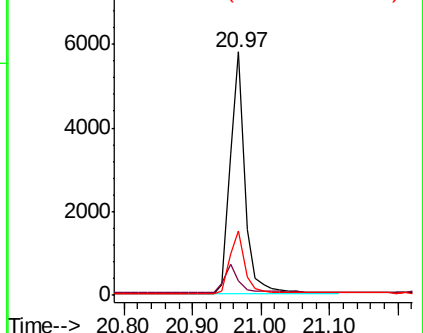
236 26.3 20.7 31.1



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: 0.452 ng

RT: 19.19 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

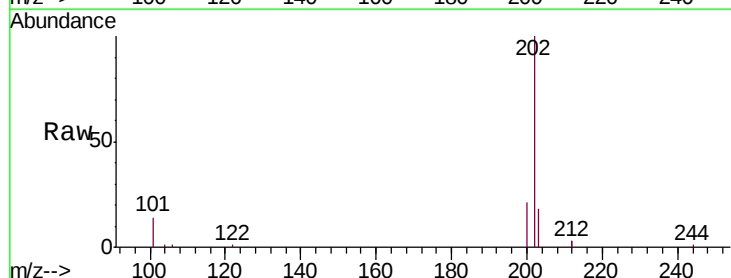
Tgt Ion:202 Resp: 10104

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

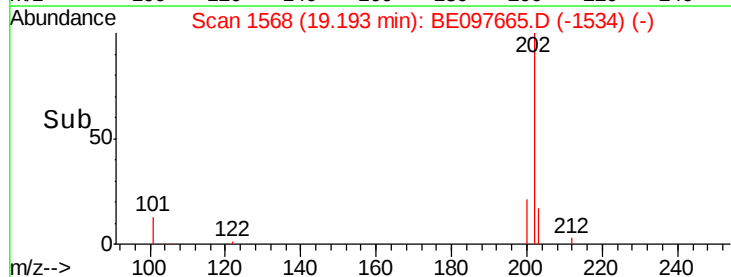
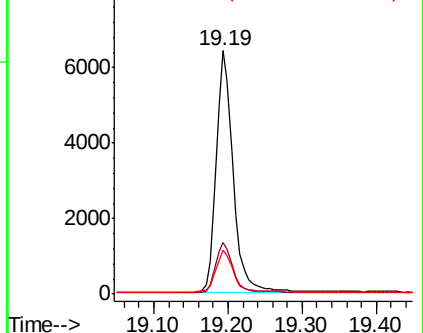
203 18.1 13.8 20.8

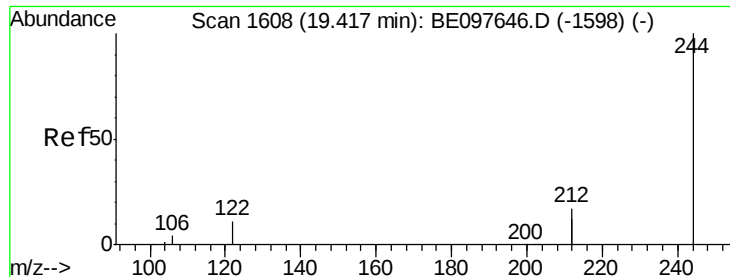


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.480 ng

RT: 19.41 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MSD

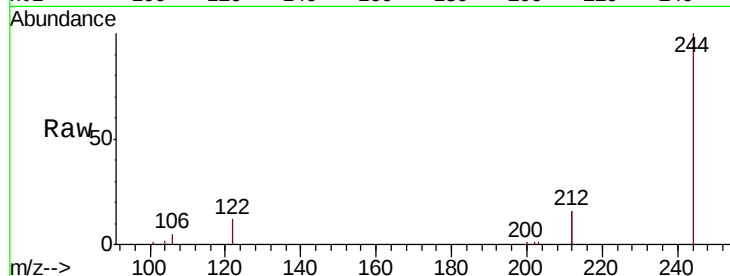
Tgt Ion:244 Resp: 8089

Ion Ratio Lower Upper

244 100

212 31.6 25.4 38.0

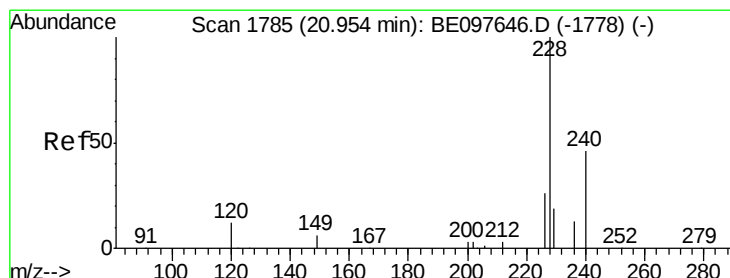
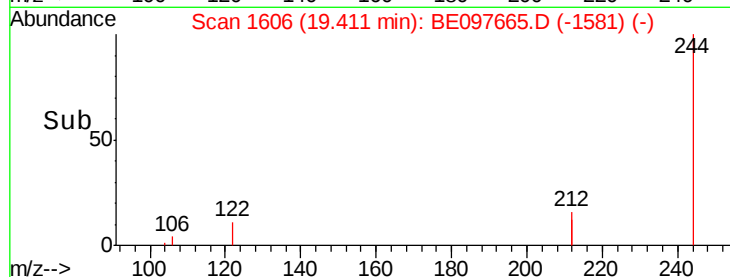
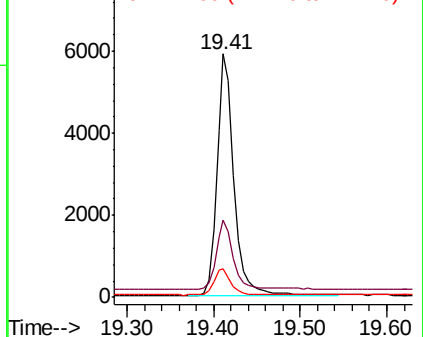
122 11.6 8.1 12.1



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: 0.563 ng

RT: 20.95 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

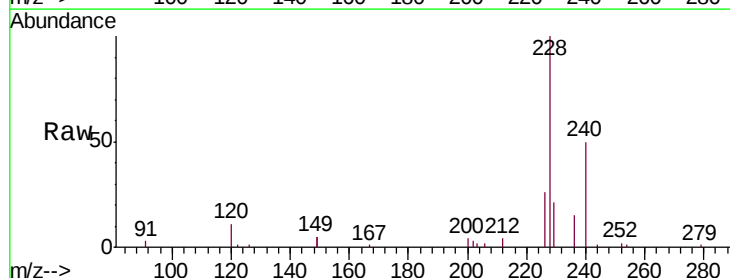
Tgt Ion:228 Resp: 11400

Ion Ratio Lower Upper

228 100

226 26.4 24.0 36.0

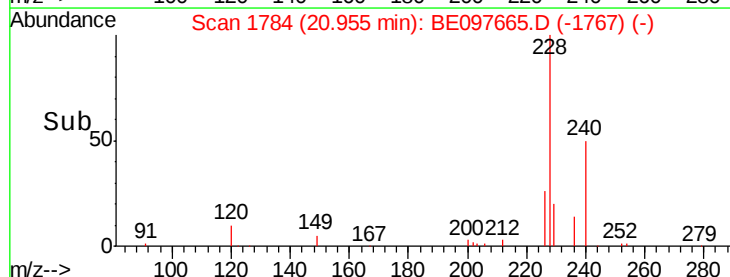
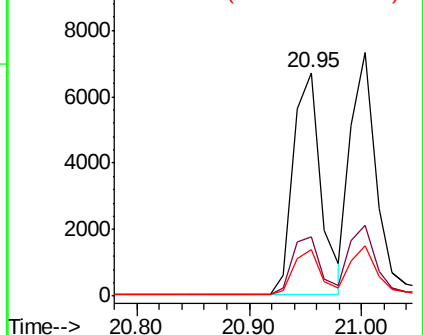
229 20.8 16.0 24.0

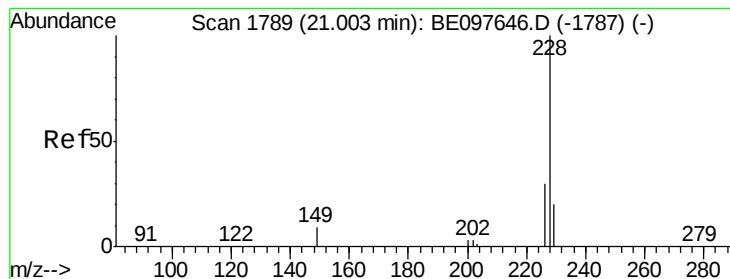


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.484 ng

RT: 21.00 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MSD

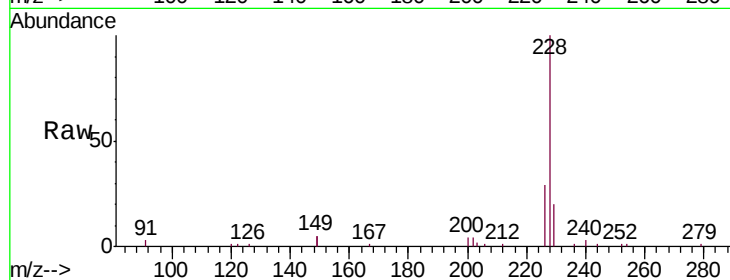
Tgt Ion: 228 Resp: 11465

Ion Ratio Lower Upper

228 100

226 29.0 24.0 36.0

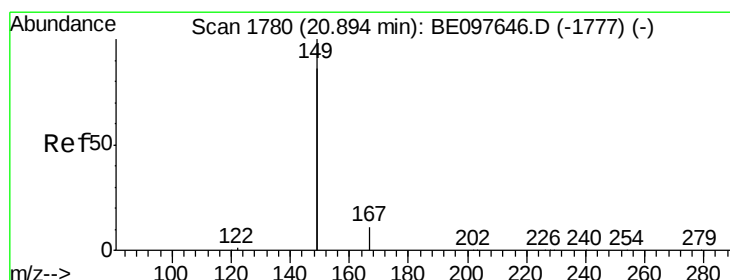
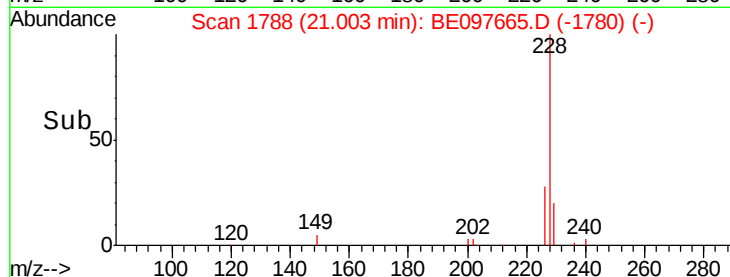
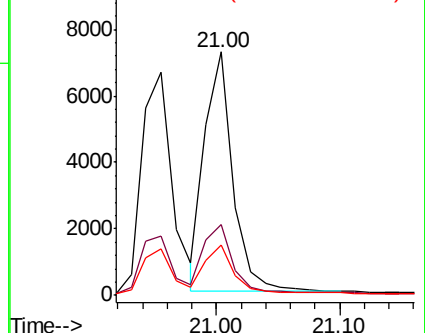
229 20.4 16.0 24.0



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: 0.778 ng

RT: 20.89 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

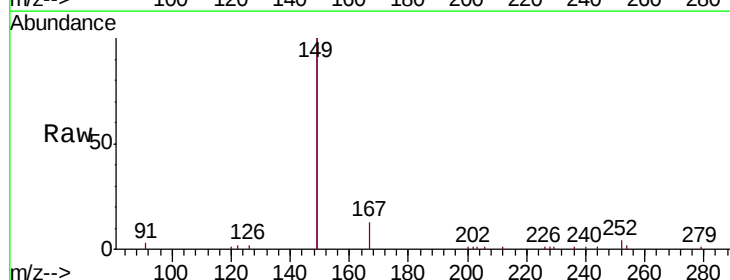
Tgt Ion: 149 Resp: 18001

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

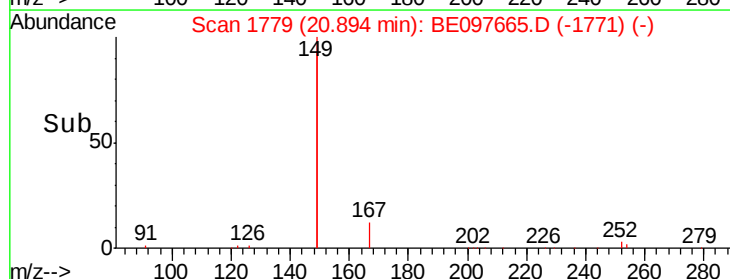
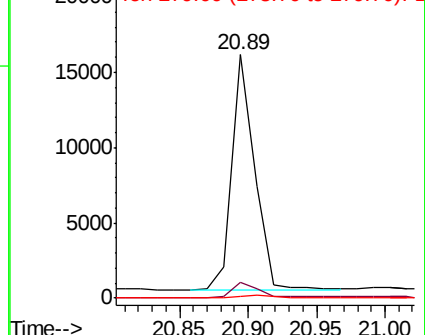
279 1.0 0.7 1.1

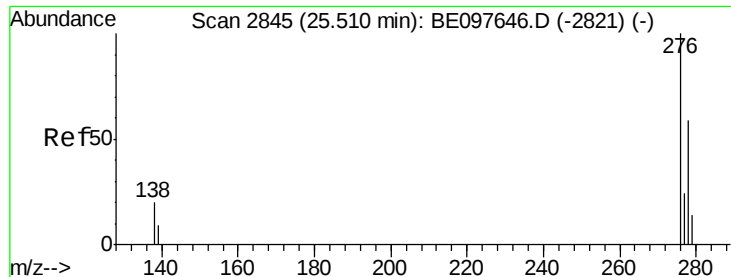


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.506 ng

RT: 25.50 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MSD

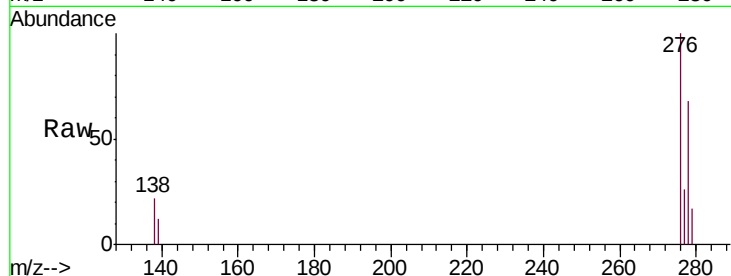
Tgt Ion:276 Resp: 12632

Ion Ratio Lower Upper

276 100

138 20.8 22.5 33.7#

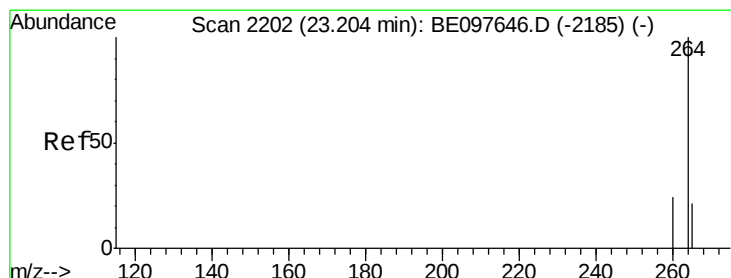
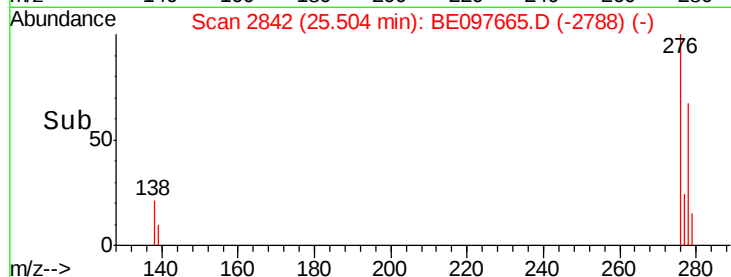
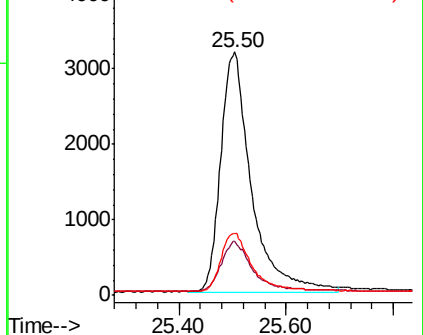
277 24.8 19.9 29.9



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: 23.20 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

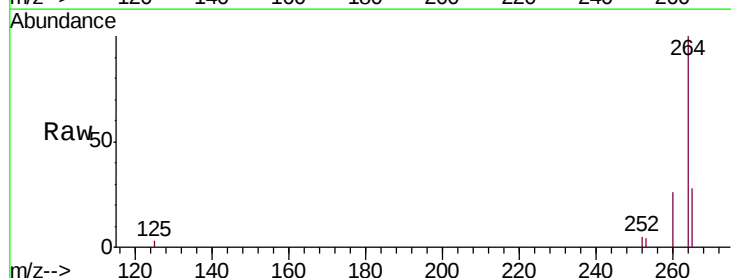
Tgt Ion:264 Resp: 8078

Ion Ratio Lower Upper

264 100

260 26.0 20.5 30.7

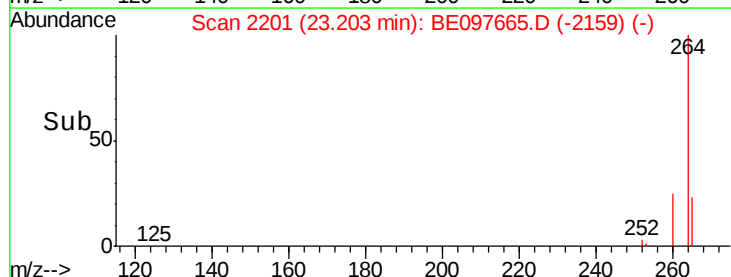
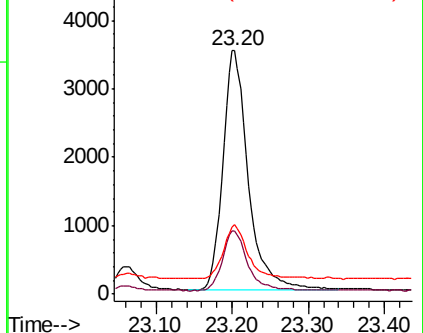
265 28.4 22.8 34.2

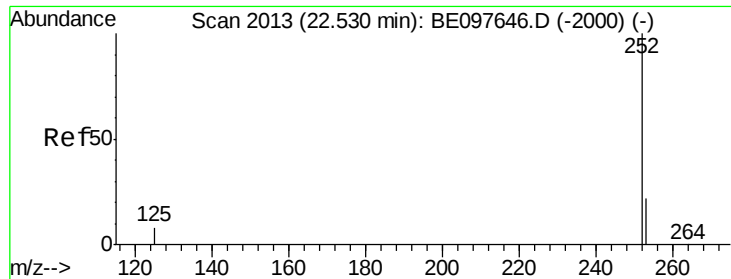


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

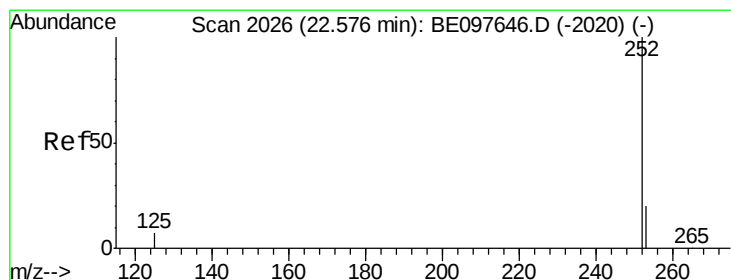
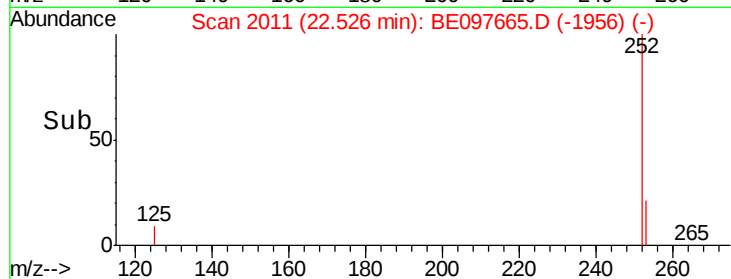
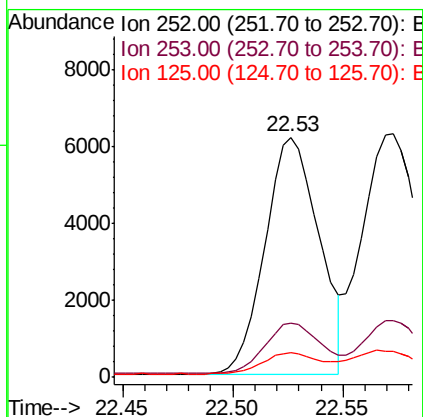
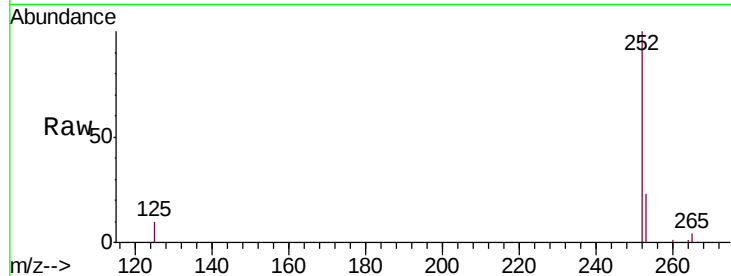




#35
Benzo(b)fluoranthene
Concen: 0.510 ng
RT: 22.53 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

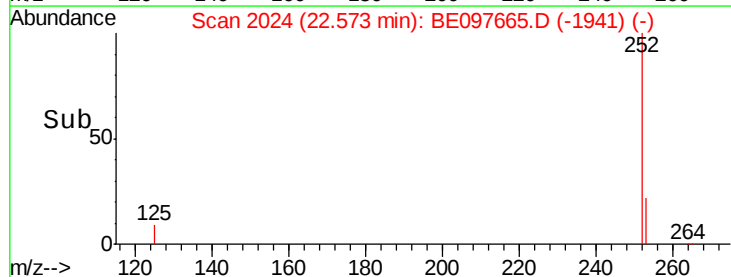
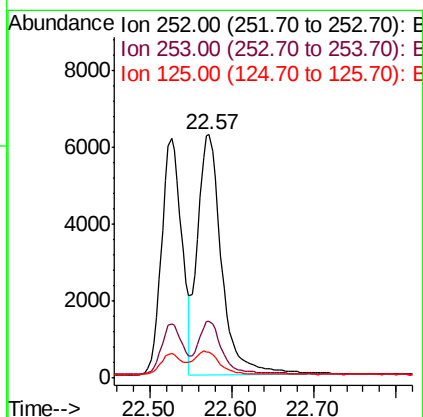
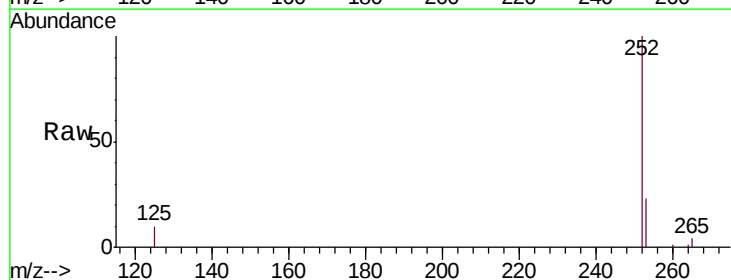
Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

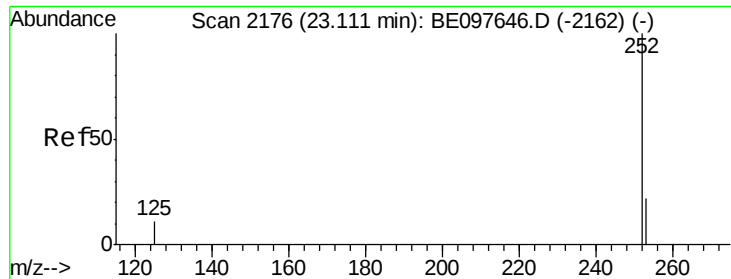
Tgt Ion: 252 Resp: 10531
Ion Ratio Lower Upper
252 100
253 22.8 20.0 30.0
125 10.4 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.519 ng
RT: 22.57 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion: 252 Resp: 12679
Ion Ratio Lower Upper
252 100
253 23.1 16.0 24.0
125 10.5 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.517 ng

RT: 23.10 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MSD

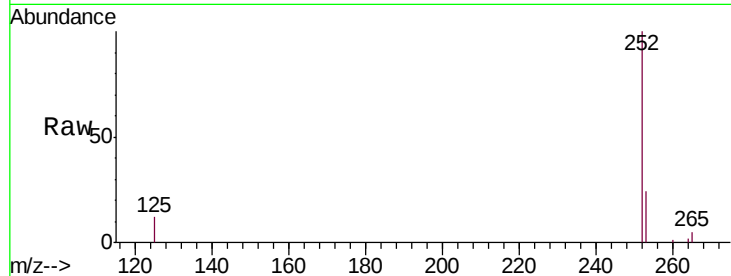
Tgt Ion:252 Resp: 10541

Ion Ratio Lower Upper

252 100

253 23.7 16.0 24.0

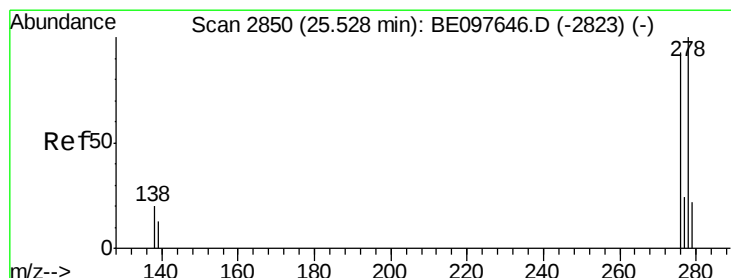
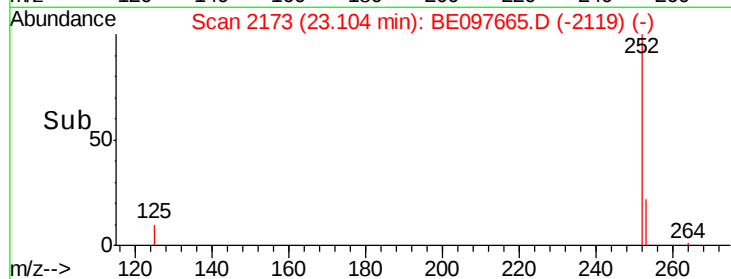
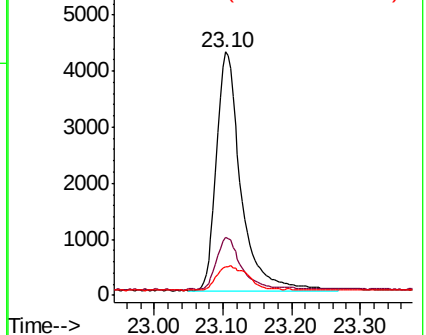
125 11.9 12.0 18.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.480 ng

RT: 25.51 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BE097665.D

Acq: 25 Sep 2018 19:43

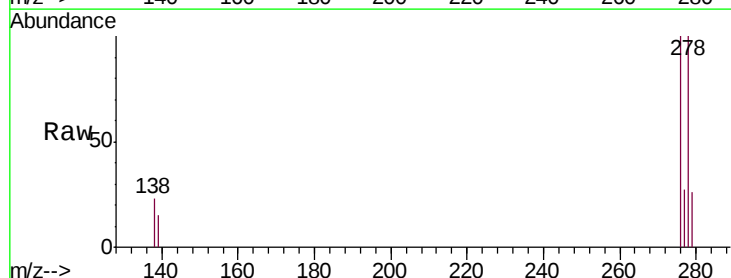
Tgt Ion:278 Resp: 10286

Ion Ratio Lower Upper

278 100

139 15.1 16.0 24.0#

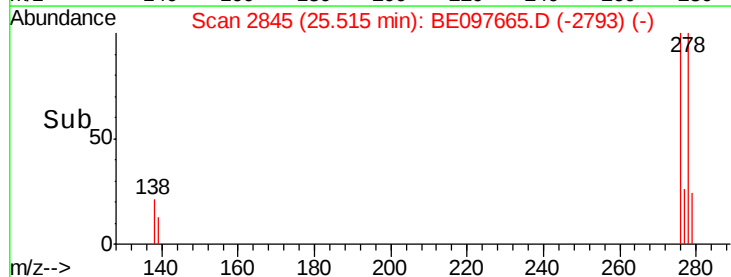
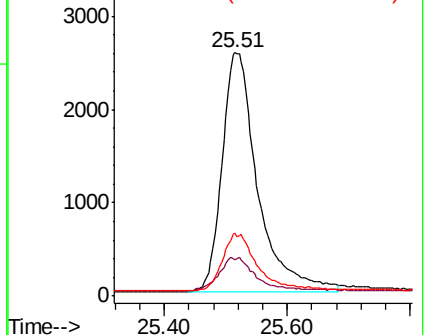
279 25.9 20.0 30.0

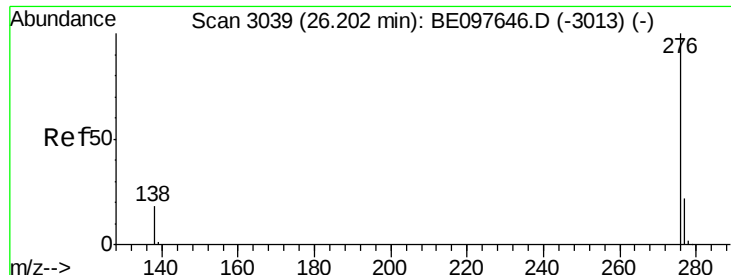


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.483 ng

RT: 26.20 min Scan# 3036

Delta R.T. -0.01 min

Lab File: BE097665.D

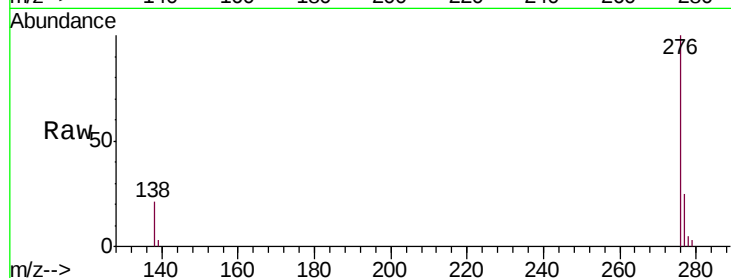
Acq: 25 Sep 2018 19:43

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MSD



Tgt Ion: 276 Resp: 10305

Ion Ratio Lower Upper

276 100

277 24.6 16.0 24.0#

138 20.5 20.0 30.0

