

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
 Data File : BE097560.D
 Acq On : 20 Sep 2018 3:27
 Operator : SJ/JU
 Sample : J4958-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-MH-SW4001-SOUTH-20180915

Quant Time: Sep 20 05:11:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 19 16:26:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	1516	0.40	ng	-0.01
7) Naphthalene-d8	10.13	136	7017	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	4398	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	14139	0.40	ng	0.01
27) Chrysene-d12	20.97	240	18291	0.40	ng	0.00
34) Perylene-d12	23.20	264	18605	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	36	0.01	ng	0.02
5) Phenol-d6	6.55	99	2	0.00	ng	-0.05
8) Nitrobenzene-d5	8.53	82	1031	0.19	ng	0.01
11) 2-Methylnaphthalene-d10	11.72	152	1974	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.54	330	85	0.14	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	3432	0.22	ng	0.00
25) Fluoranthene-d10	18.80	212	36171	0.20	ng	0.00
29) Terphenyl-d14	19.41	244	8572	0.26	ng	0.00

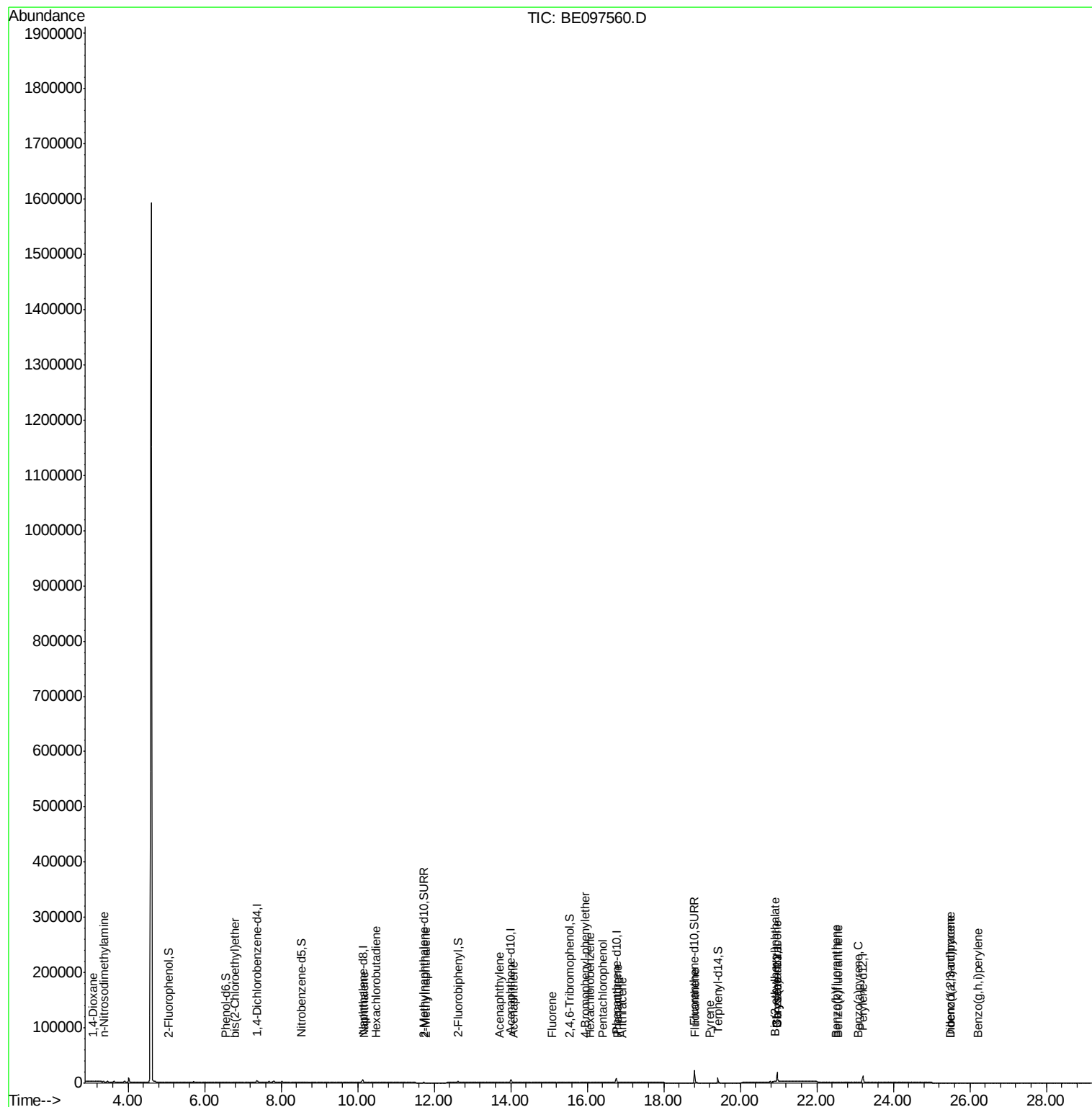
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	419	0.134	ng	91
3) n-Nitrosodimethylamine	3.36	42	37	0.033	ng	# 1
6) bis(2-Chloroethyl)ether	6.79	93	45	0.008	ng	# 1
9) Naphthalene	10.17	128	161	0.003	ng	# 53
10) Hexachlorobutadiene	10.47	225	5	0.002	ng	# 17
12) 2-Methylnaphthalene	11.78	142	3	0.000	ng	# 52
16) Acenaphthylene	13.70	152	6	0.000	ng	# 61
17) Acenaphthene	14.07	154	10	0.001	ng	91
18) Fluorene	15.09	166	18	0.001	ng	# 54
20) 4-Bromophenyl-phenylether	15.96	248	3	0.000	ng	# 55
21) Hexachlorobenzene	16.07	284	6	0.001	ng	# 57
22) Pentachlorophenol	16.40	266	6	0.132	ng	93
23) Phenanthrene	16.80	178	75	0.002	ng	# 71
24) Anthracene	16.90	178	24	0.001	ng	# 62
26) Fluoranthene	18.83	202	58	0.001	ng	# 75
28) Pyrene	19.20	202	71	0.002	ng	# 50
30) Benzo(a)anthracene	20.97	228	107	0.002	ng	# 1
31) Chrysene	20.97	228	77	0.002	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.91	149	2093	0.038	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.49	276	2	0.000	ng	# 1
35) Benzo(b)fluoranthene	22.50	252	4	0.000	ng	# 1
36) Benzo(k)fluoranthene	22.55	252	30	0.001	ng	# 1
37) Benzo(a)pyrene	23.09	252	18	0.021	ng	# 1
38) Dibenzo(a,h)anthracene	25.50	278	4	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.20	276	5	0.000	ng	# 1

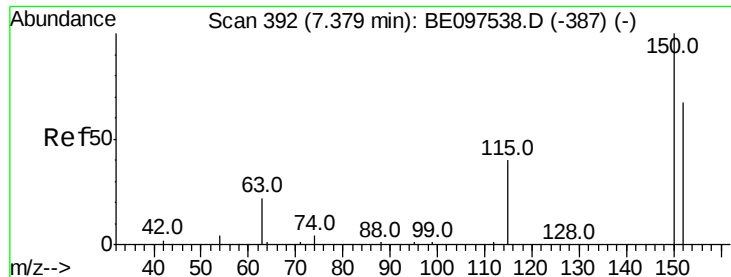
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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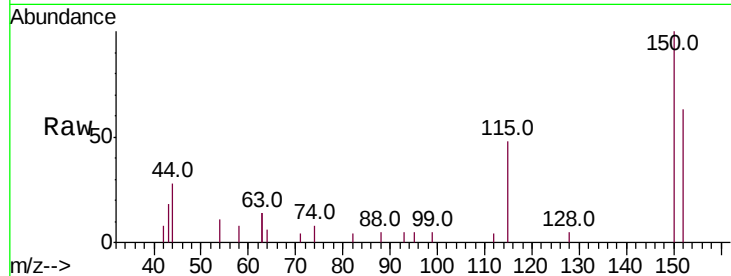


#1

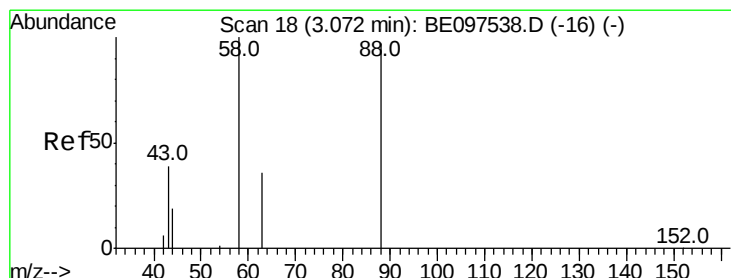
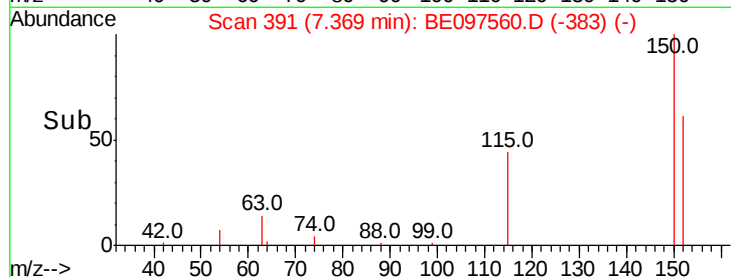
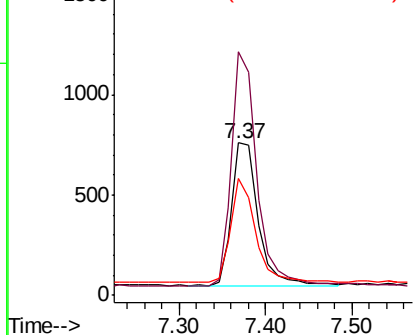
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097560.D
Acq: 20 Sep 2018 3:27

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20180915

Tot Ion:152 Resp: 1516
Ion Ratio Lower Upper
152 100
150 159.6 117.2 175.8
115 76.8 57.0 85.6



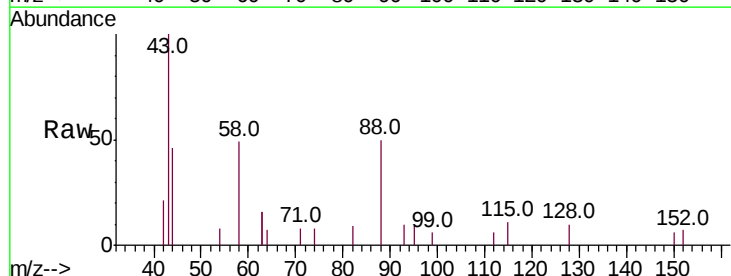
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



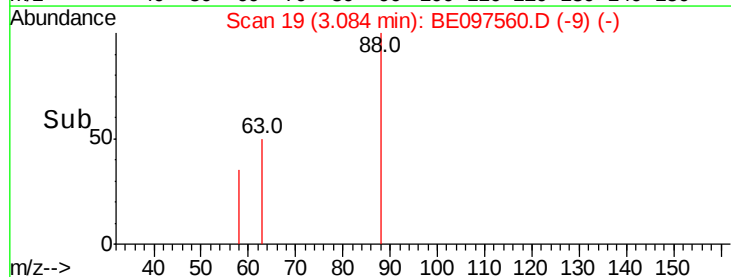
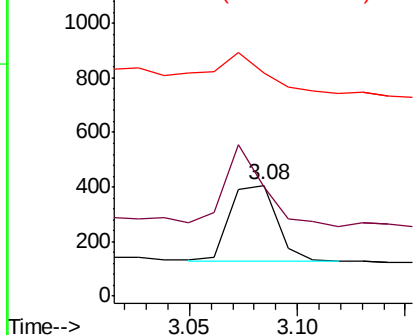
#2

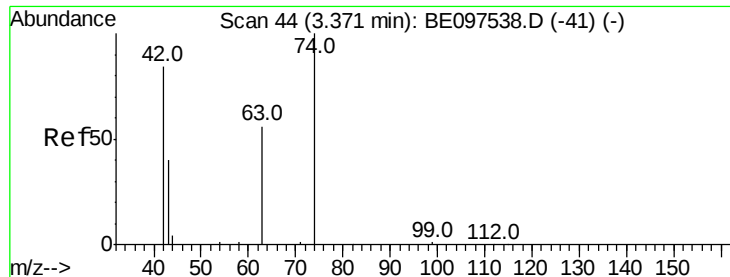
1,4-Dioxane
Concen: 0.134 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097560.D
Acq: 20 Sep 2018 3:27

Tgt Ion: 88 Resp: 419
Ion Ratio Lower Upper
88 100
58 88.3 63.2 94.8
43 55.8 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: 0.033 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20180915

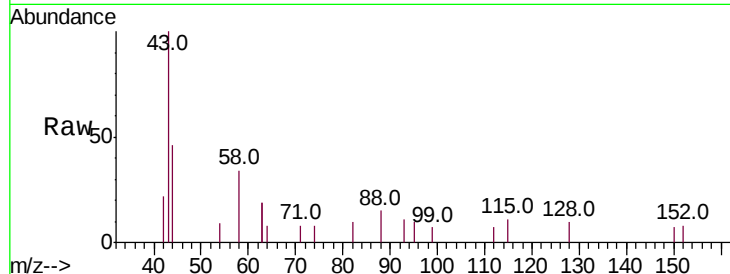
Tot Ion: 42 Resp: 37

Ion Ratio Lower Upper

42 100

74 0.0 96.0 144.0#

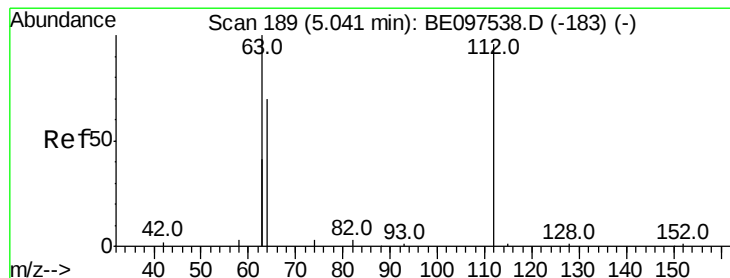
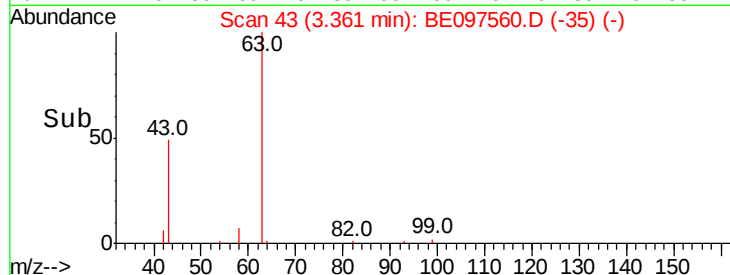
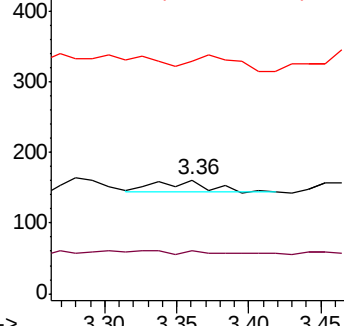
44 129.7 12.0 18.0#



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: 0.008 ng

RT: 5.07 min Scan# 191

Delta R.T. 0.02 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

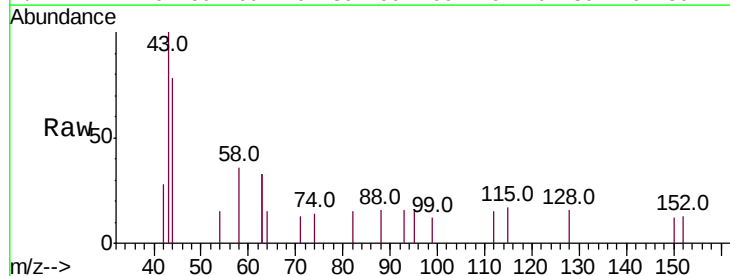
Tgt Ion: 112 Resp: 36

Ion Ratio Lower Upper

112 100

64 102.8 60.1 90.1#

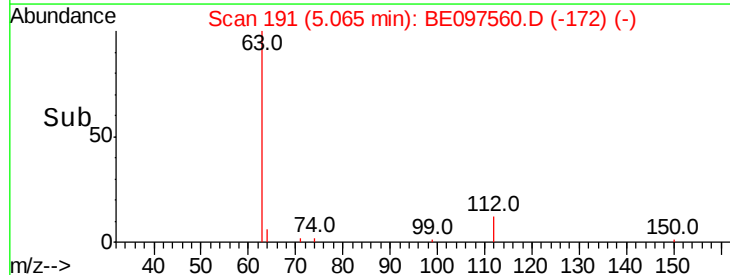
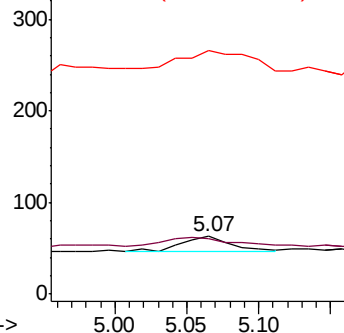
63 213.9 116.8 175.2#

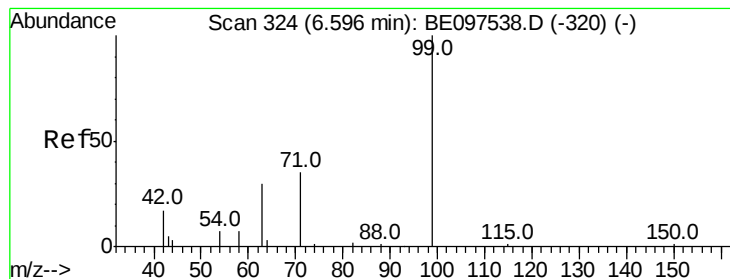


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.000 ng

RT: 6.55 min Scan# 320

Delta R.T. -0.05 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

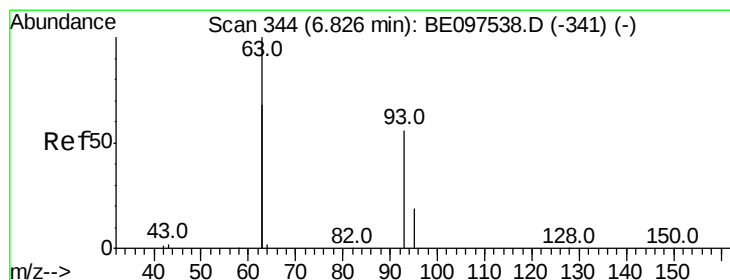
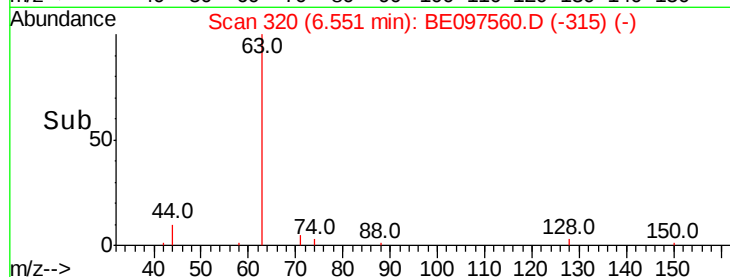
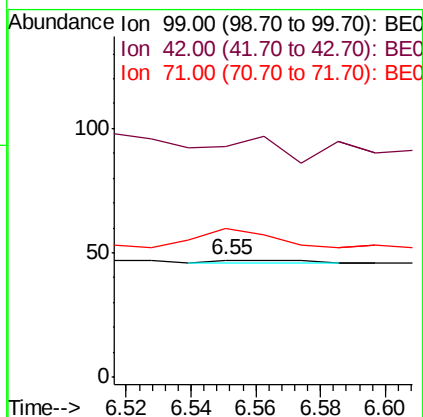
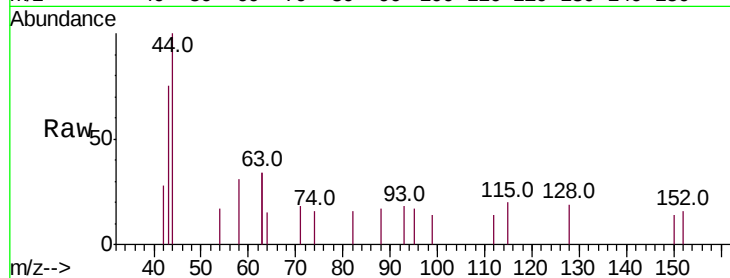
Instrument :

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BP-MH-SW4001-SOUTH-20180915

Tot Ion:	99	Resp:	2
Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	850.0	28.4	42.6#



#6

bis(2-Chloroethyl)ether

Concen: 0.008 ng

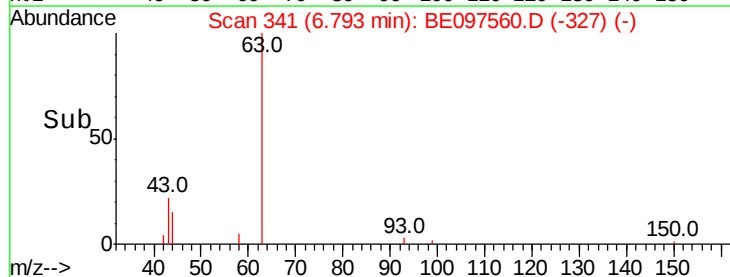
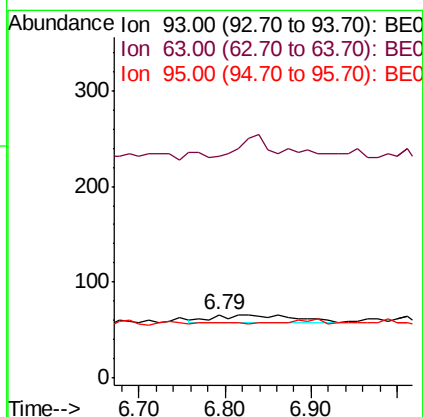
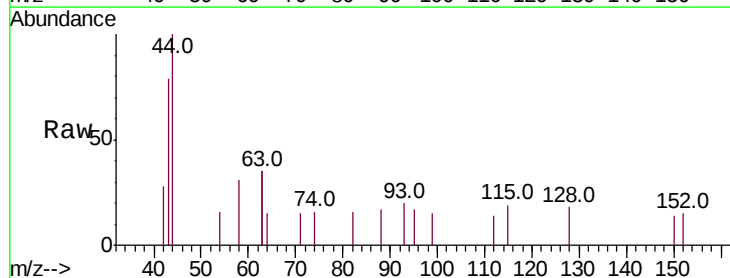
RT: 6.79 min Scan# 341

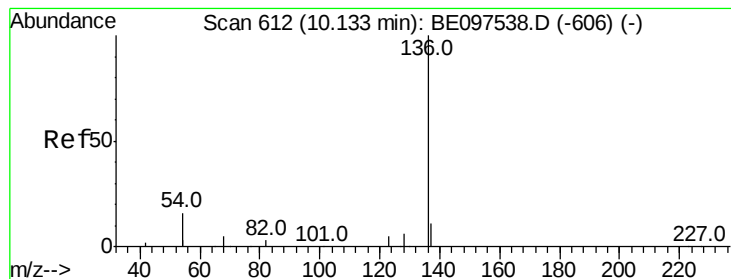
Delta R.T. -0.03 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

Tgt Ion:	93	Resp:	45
Ion	Ratio	Lower	Upper
93	100		
63	0.0	275.3	412.9#
95	11.1	25.2	37.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20180915

Tot Ion:136 Resp: 7017

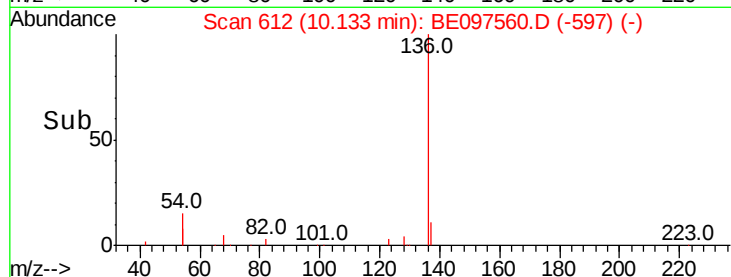
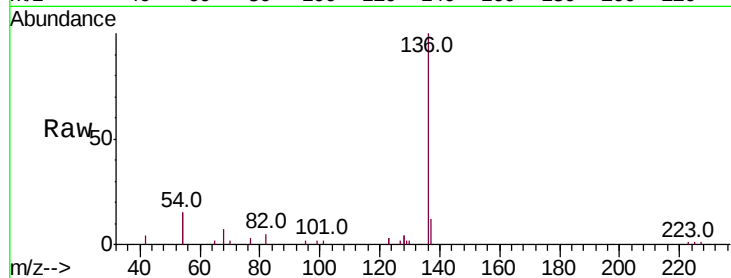
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 29.8 29.1 43.7

68 6.7 6.2 9.2

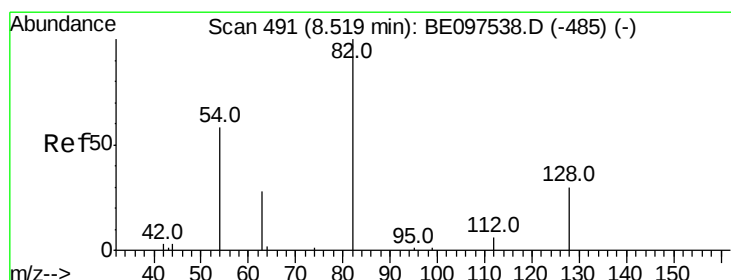
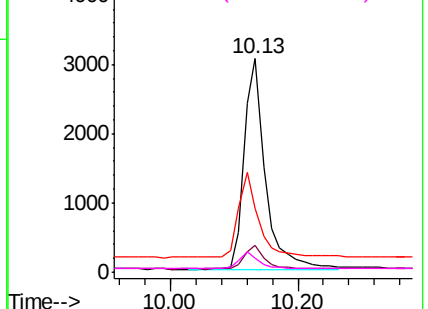


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.190 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

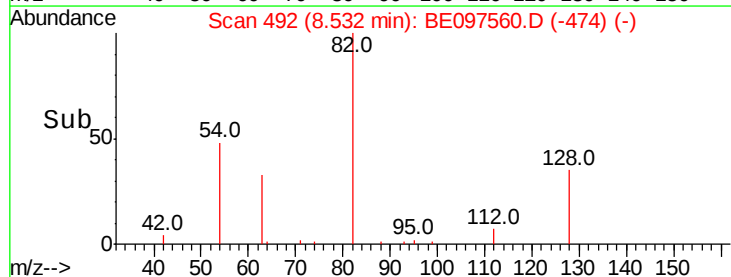
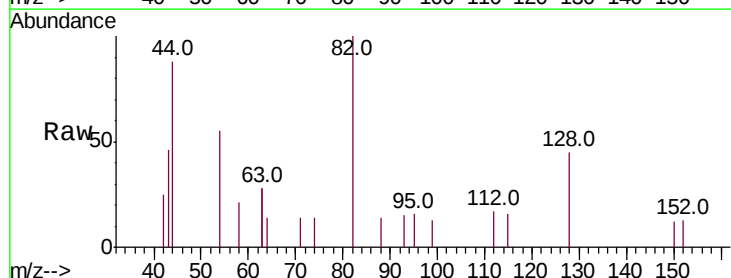
Tgt Ion: 82 Resp: 1031

Ion Ratio Lower Upper

82 100

128 45.3 24.0 36.0#

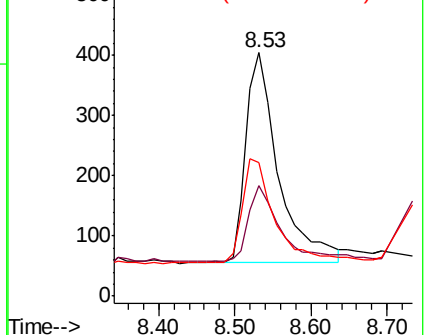
54 54.7 40.0 60.0

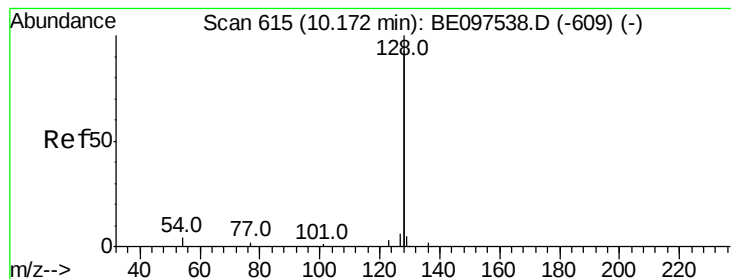


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.003 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.00 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

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BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20180915

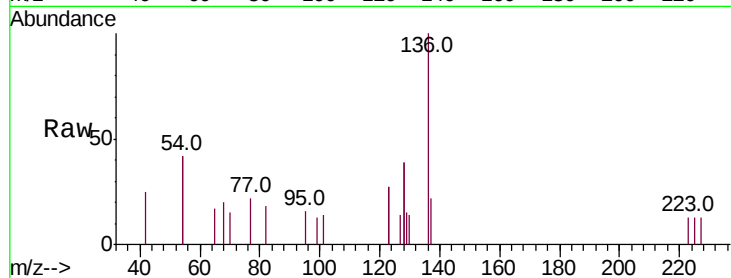
Tot Ion:128 Resp: 161

Ion Ratio Lower Upper

128 100

129 19.8 2.6 3.8#

127 18.3 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

10.17

300

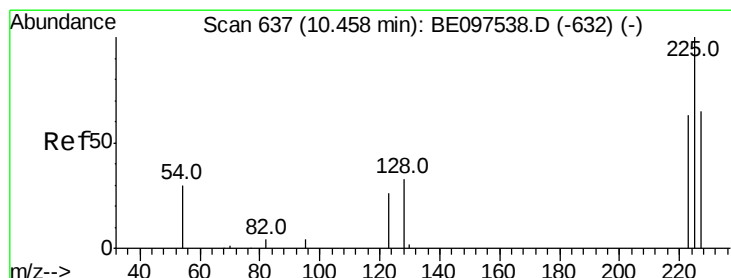
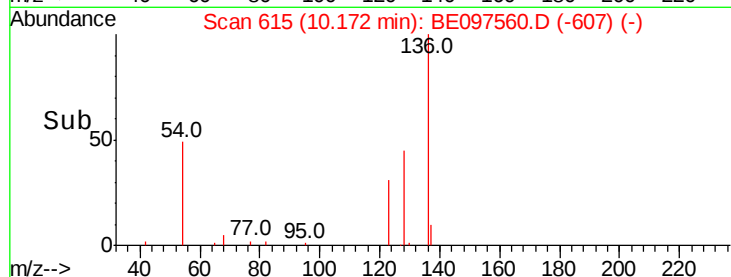
200

100

0

Time-->

10.10 10.20 10.30



#10

Hexachlorobutadiene

Concen: 0.002 ng

RT: 10.47 min Scan# 638

Delta R.T. 0.01 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

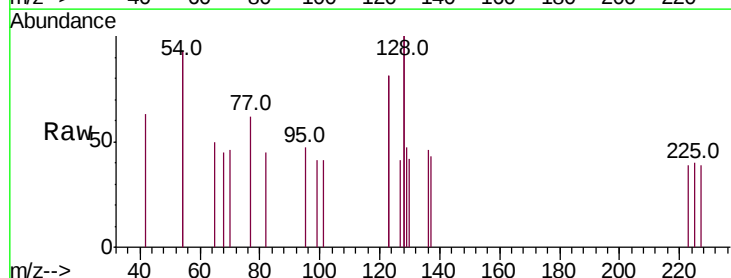
Tgt Ion:225 Resp: 5

Ion Ratio Lower Upper

225 100

223 0.0 53.0 79.6#

227 0.0 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

10.47

60

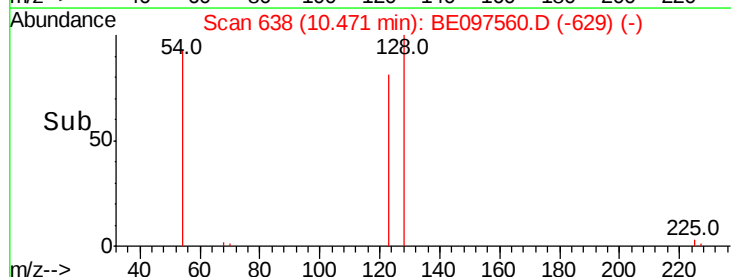
40

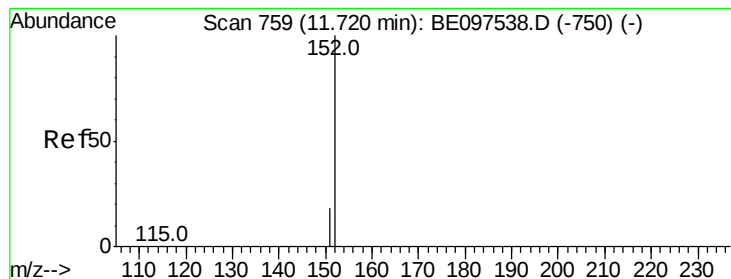
20

0

Time-->

10.40 10.45 10.50





#11

2-Methylnaphthalene-d10

Concen: 0.204 ng

RT: 11.72 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

Instrument :

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ClientSampleId :

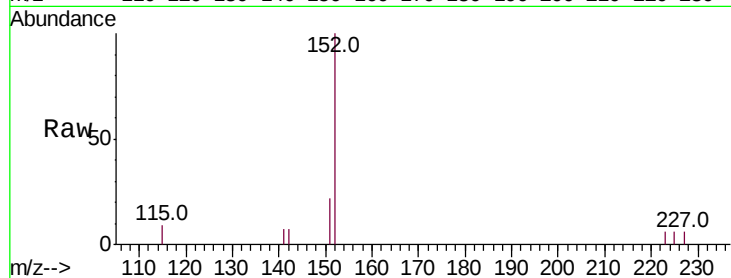
BP-MH-SW4001-SOUTH-20180915

Tot Ion:152 Resp: 1974

Ion Ratio Lower Upper

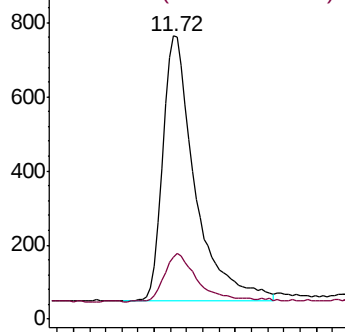
152 100

151 18.7 15.4 23.0

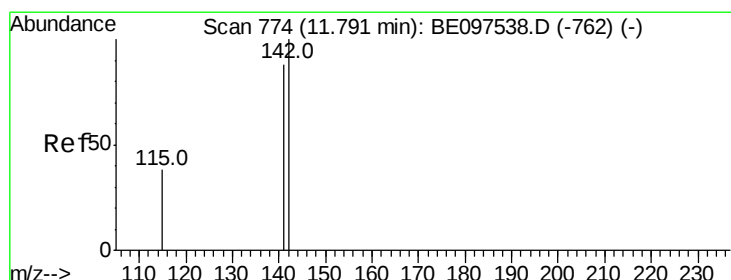
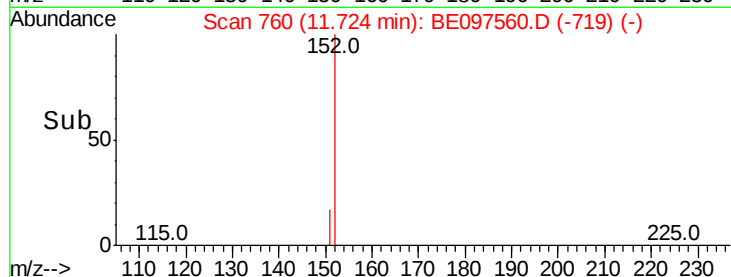


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#12

2-Methylnaphthalene

Concen: 0.000 ng

RT: 11.78 min Scan# 772

Delta R.T. -0.01 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

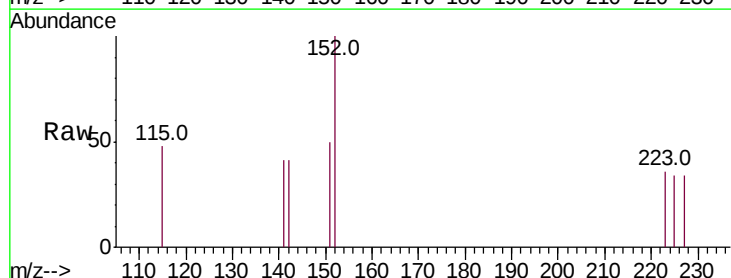
Tgt Ion:142 Resp: 3

Ion Ratio Lower Upper

142 100

141 100.0 70.4 105.6

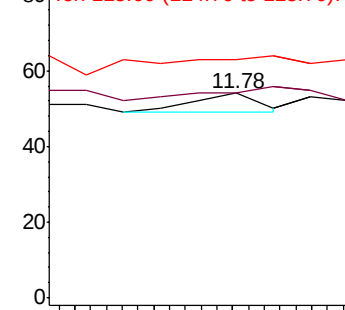
115 116.7 31.7 47.5#



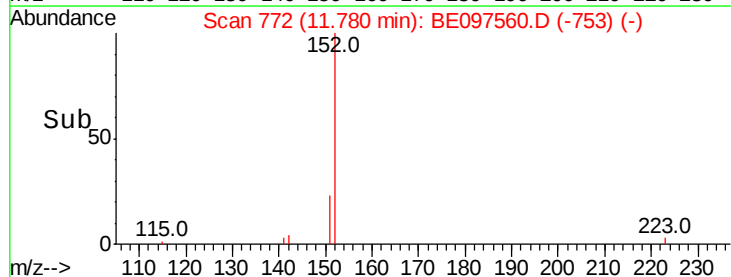
Abundance Ion 142.00 (141.70 to 142.70): E

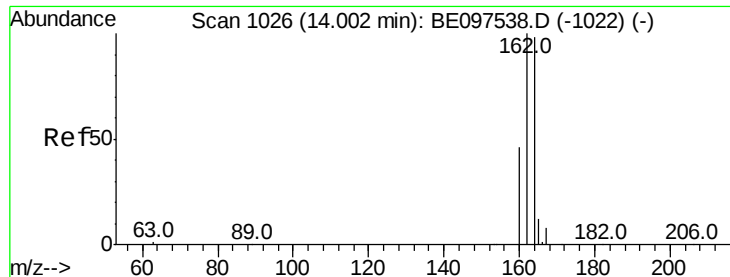
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097560.D

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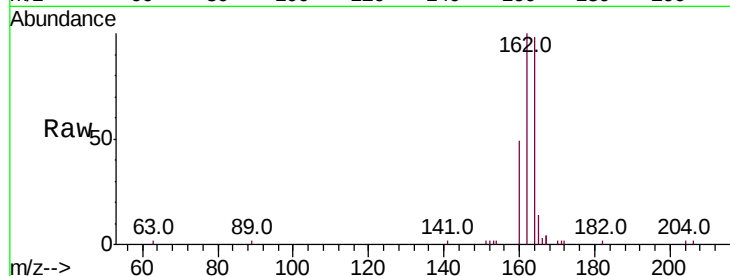
Tot Ion:164 Resp: 4398

Ion Ratio Lower Upper

164 100

162 101.6 83.1 124.7

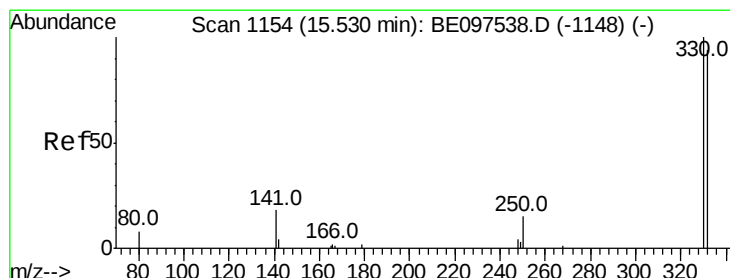
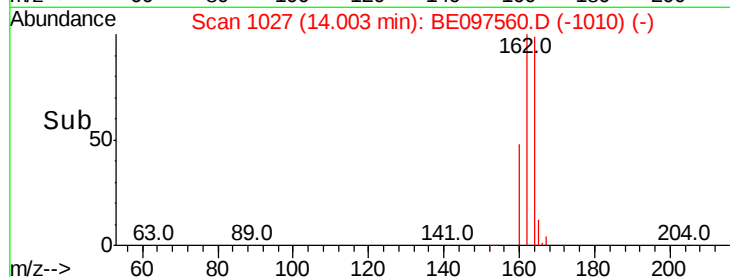
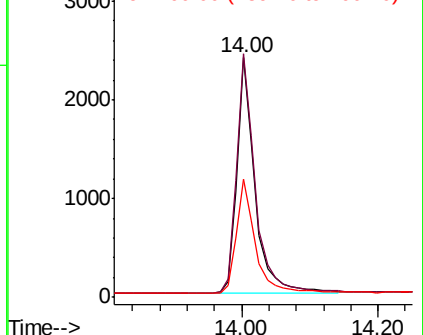
160 49.3 37.1 55.7



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: 0.141 ng

RT: 15.54 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

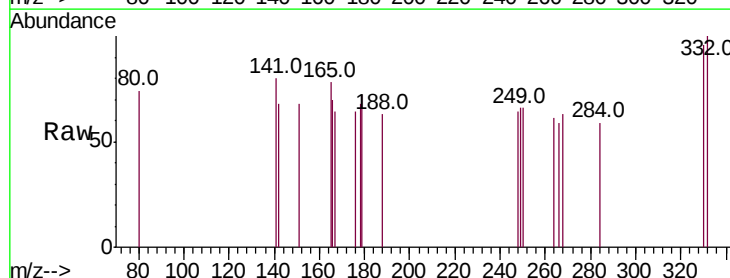
Tgt Ion:330 Resp: 85

Ion Ratio Lower Upper

330 100

332 89.4 152.7 229.1#

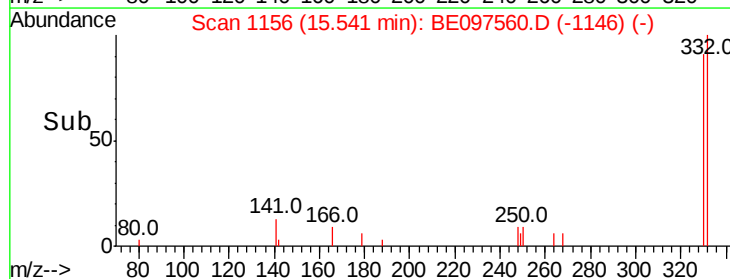
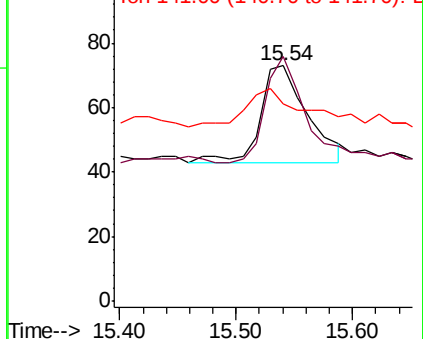
141 44.7 33.7 50.5

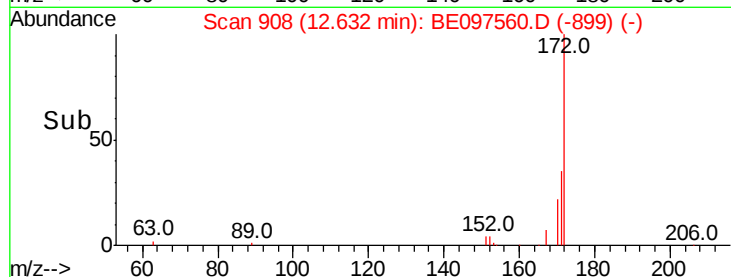
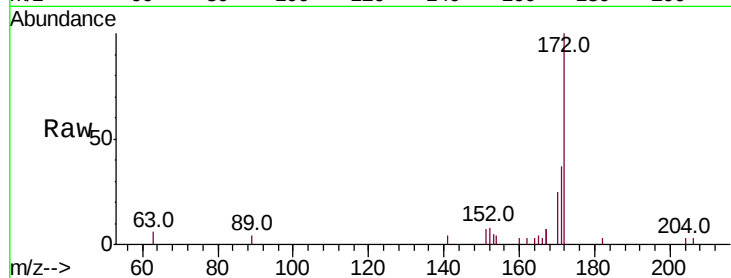
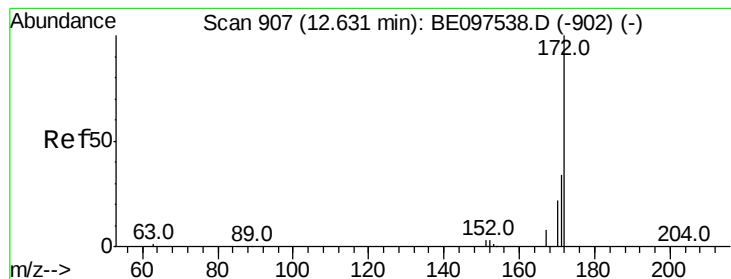


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.221 ng

RT: 12.63 min Scan# 908

Delta R.T. 0.00 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20180915

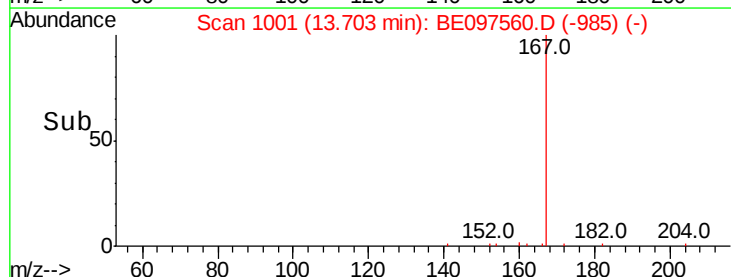
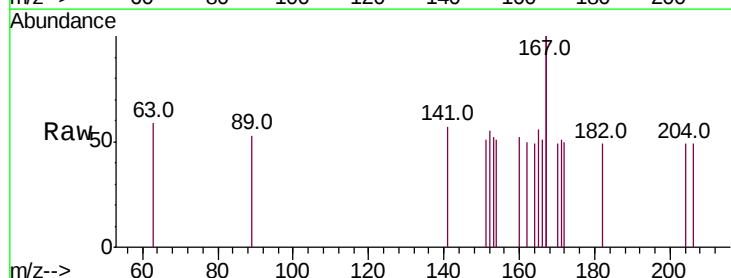
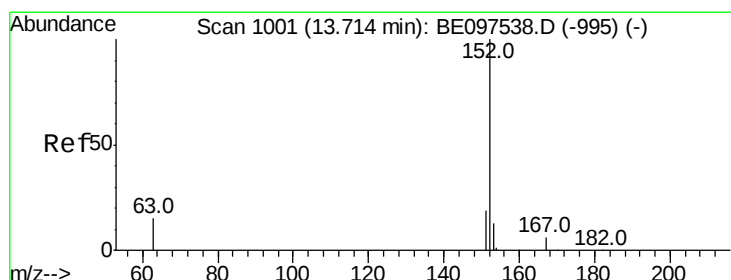
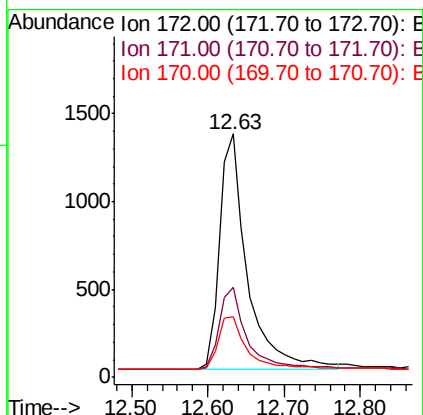
Tot Ion:172 Resp: 3432

Ion Ratio Lower Upper

172 100

171 37.1 29.9 44.9

170 25.0 21.8 32.8



#16

Acenaphthylene

Concen: 0.000 ng

RT: 13.70 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

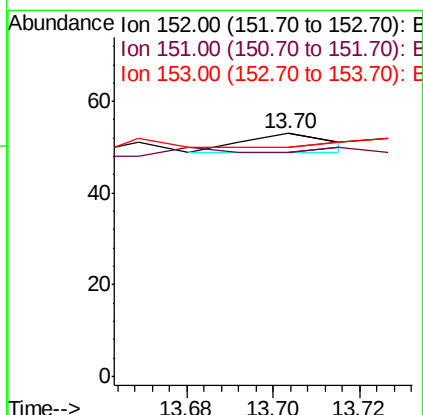
Tgt Ion:152 Resp: 6

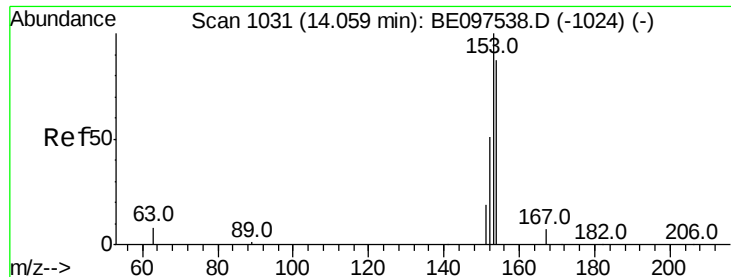
Ion Ratio Lower Upper

152 100

151 0.0 15.7 23.5#

153 0.0 10.5 15.7#





#17

Acenaphthene

Concen: 0.001 ng

RT: 14.07 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20180915

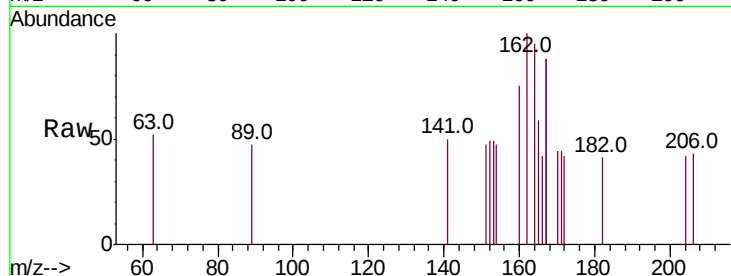
Tot Ion:154 Resp: 10

Ion Ratio Lower Upper

154 100

153 120.0 89.2 133.8

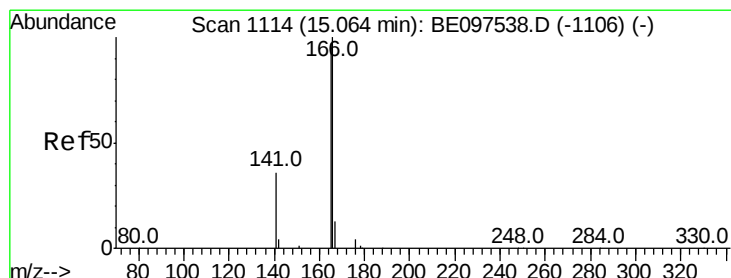
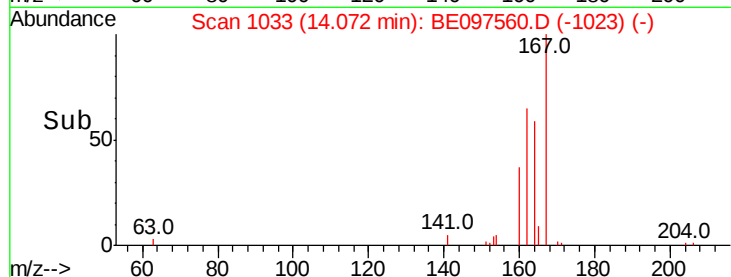
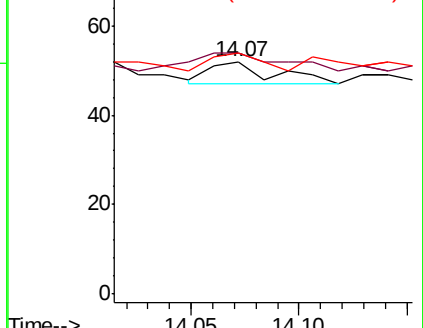
152 60.0 42.0 63.0



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: 0.001 ng

RT: 15.09 min Scan# 1117

Delta R.T. 0.02 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

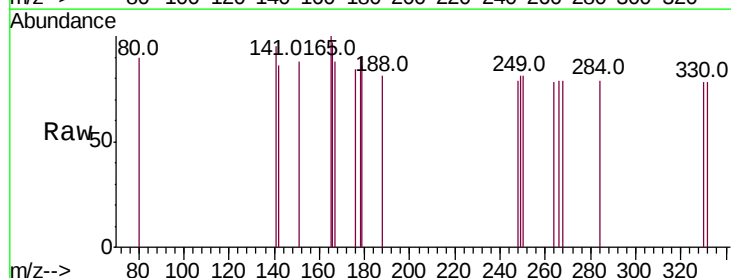
Tgt Ion:166 Resp: 18

Ion Ratio Lower Upper

166 100

165 66.7 77.8 116.6#

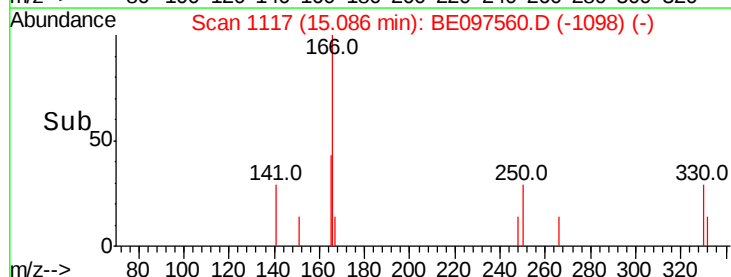
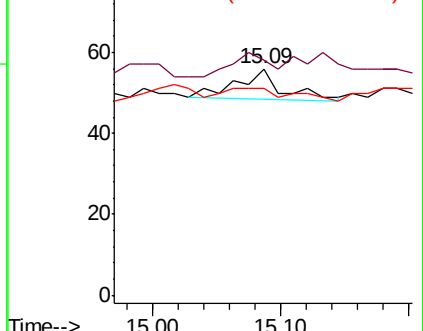
167 0.0 42.4 63.6#

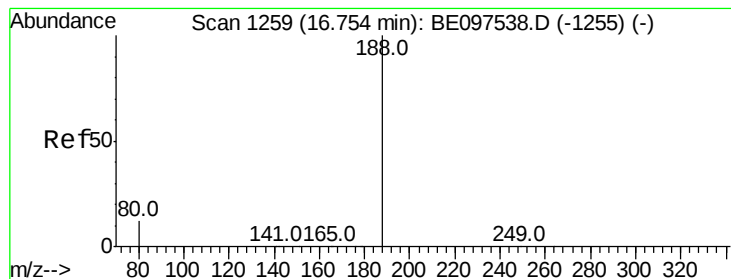


Abundance Ion 166.00 (165.70 to 166.70): E

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. 0.01 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20180915

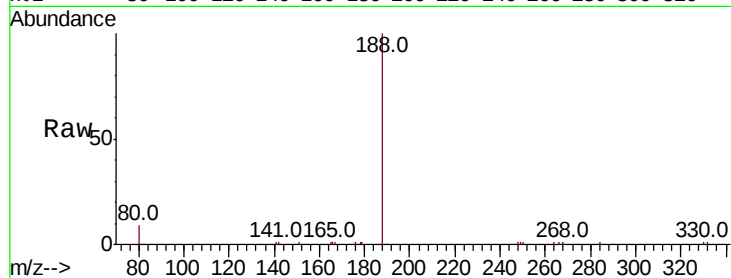
Tot Ion:188 Resp: 14139

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

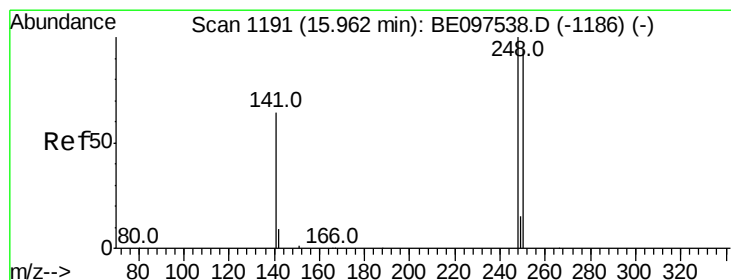
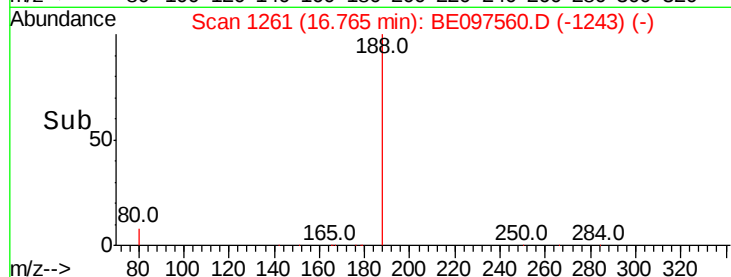
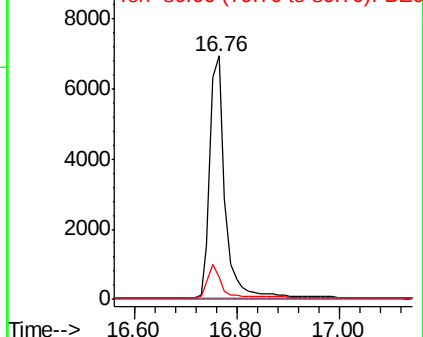
80 9.0 3.6 5.4#



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: 0.000 ng

RT: 15.96 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

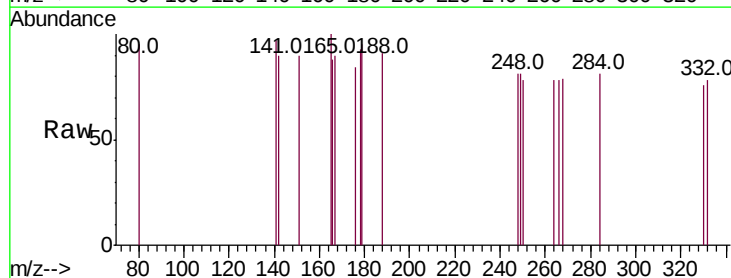
Tgt Ion:248 Resp: 3

Ion Ratio Lower Upper

248 100

250 95.7 62.7 94.1#

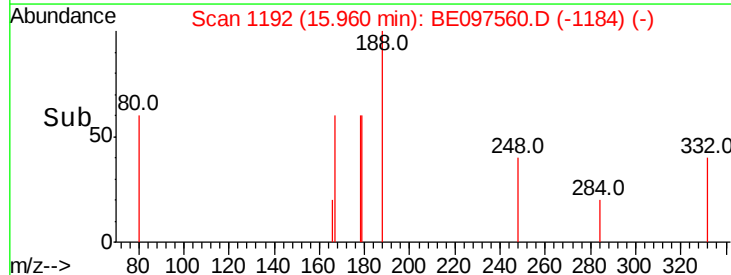
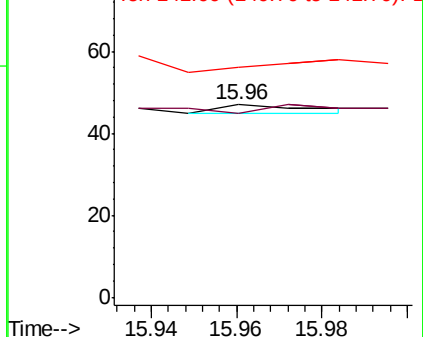
141 119.1 48.2 72.2#

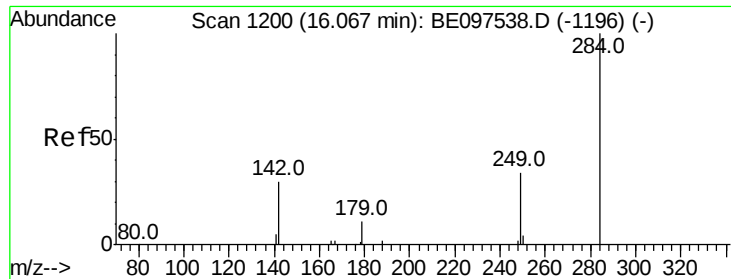


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

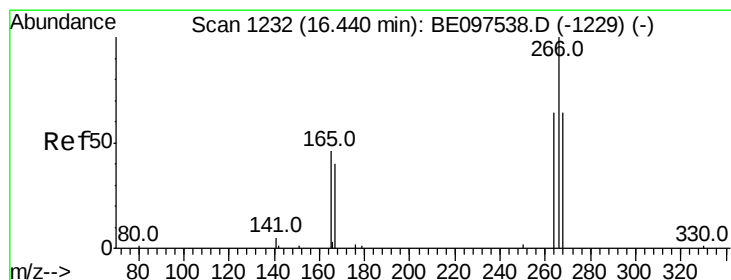
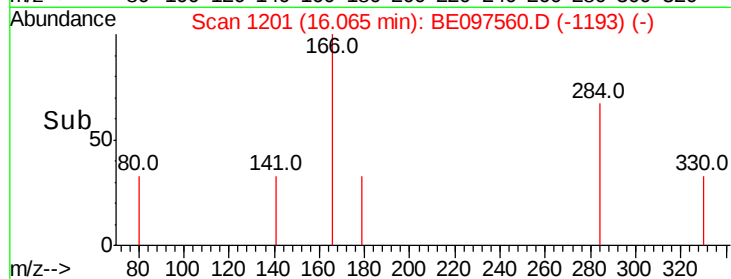
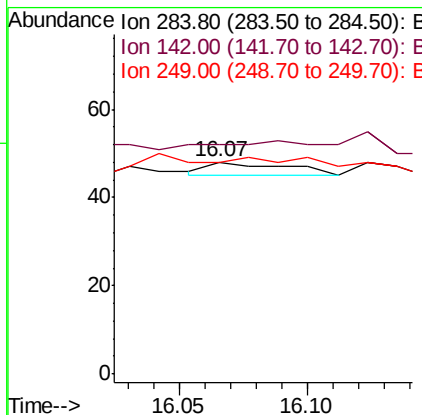
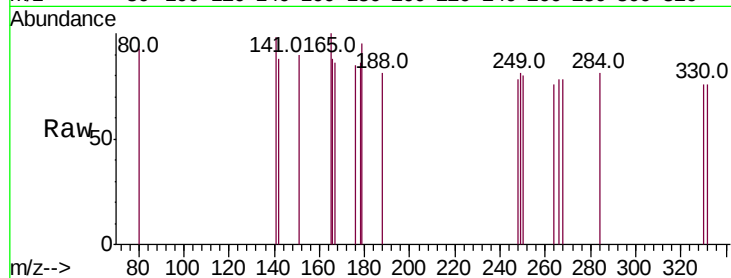




#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.07 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097560.D
Acq: 20 Sep 2018 3:27

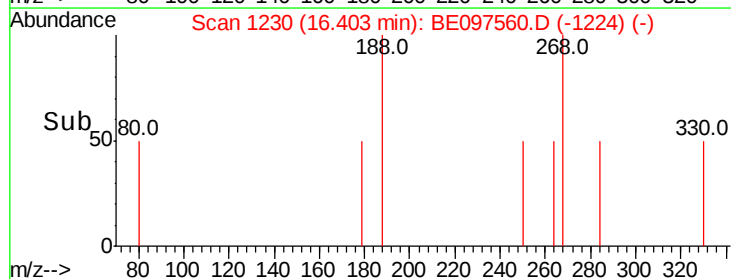
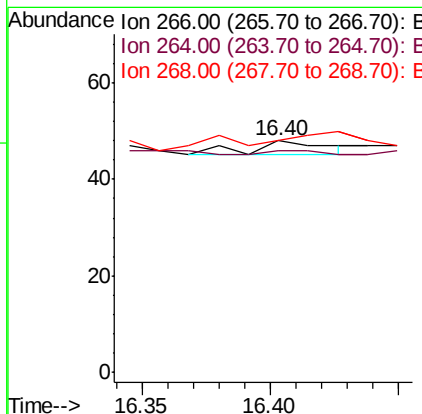
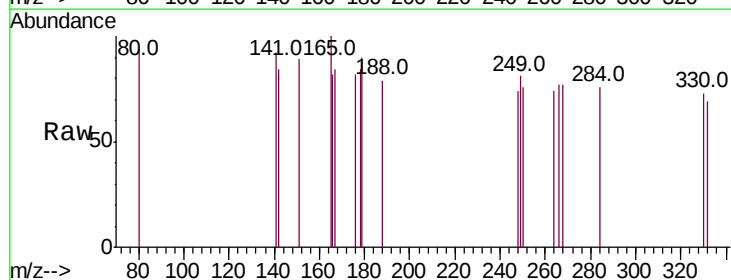
Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20180915

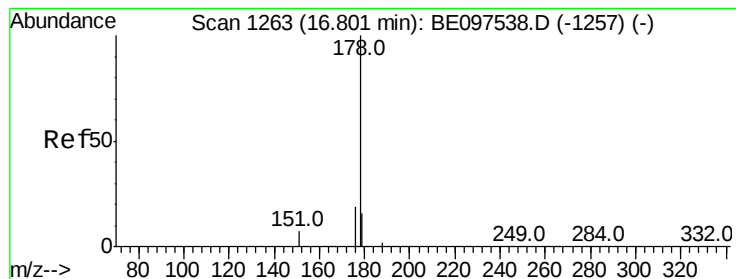
Tot Ion:284 Resp: 6
Ion Ratio Lower Upper
284 100
142 0.0 22.1 33.1#
249 66.7 34.8 52.2#



#22
Pentachlorophenol
Concen: 0.132 ng
RT: 16.40 min Scan# 1230
Delta R.T. -0.04 min
Lab File: BE097560.D
Acq: 20 Sep 2018 3:27

Tgt Ion:266 Resp: 6
Ion Ratio Lower Upper
266 100
264 95.8 72.5 108.7
268 100.0 73.8 110.6





#23

Phenanthrene

Concen: 0.002 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20180915

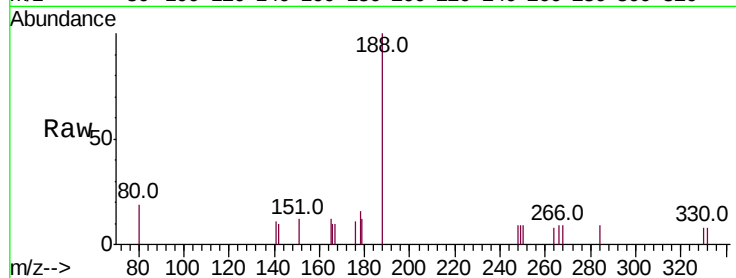
Tot Ion:178 Resp: 75

Ion Ratio Lower Upper

178 100

176 41.3 15.1 22.7#

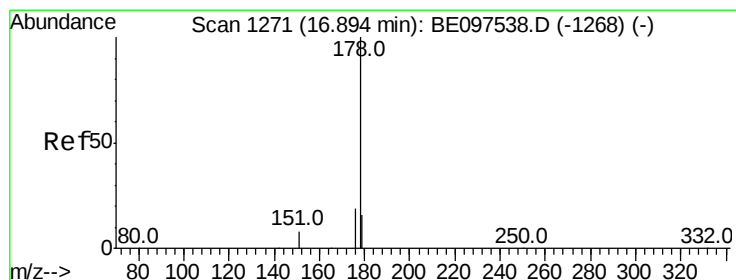
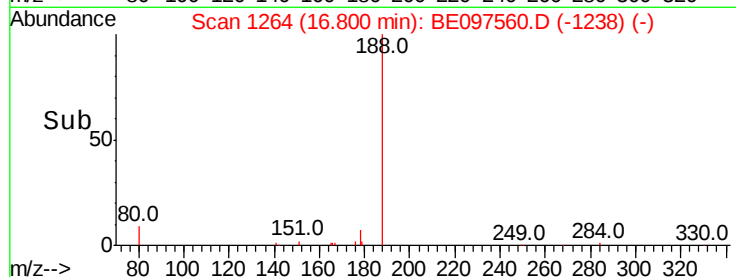
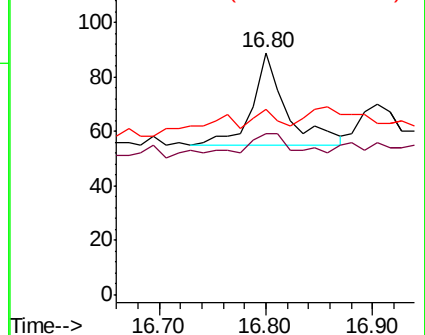
179 13.3 11.8 17.6



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: 0.001 ng

RT: 16.90 min Scan# 1273

Delta R.T. 0.01 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

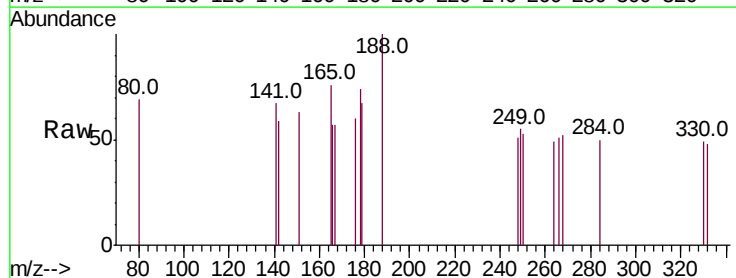
Tgt Ion:178 Resp: 24

Ion Ratio Lower Upper

178 100

176 0.0 12.8 19.2#

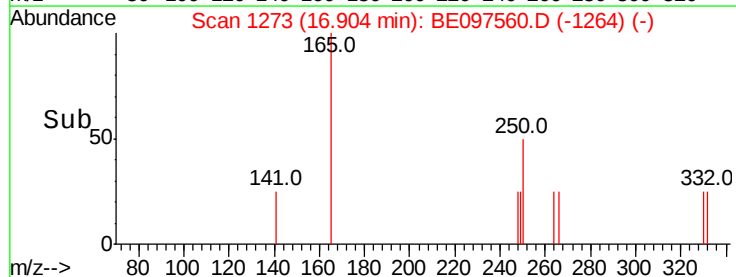
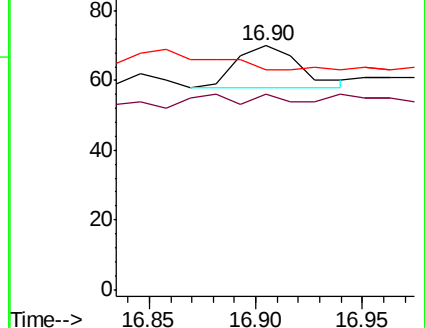
179 0.0 13.0 19.6#

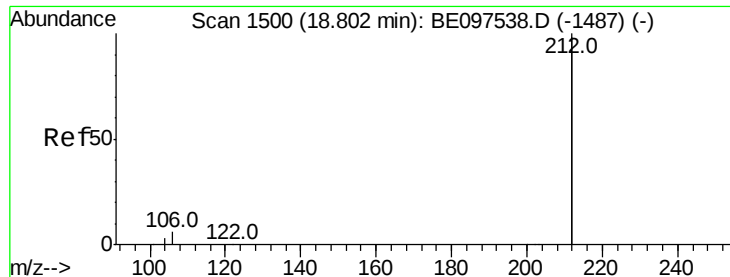


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.200 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20180915

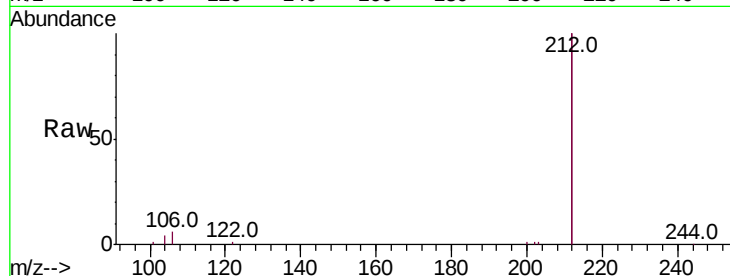
Tot Ion:212 Resp: 36171

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

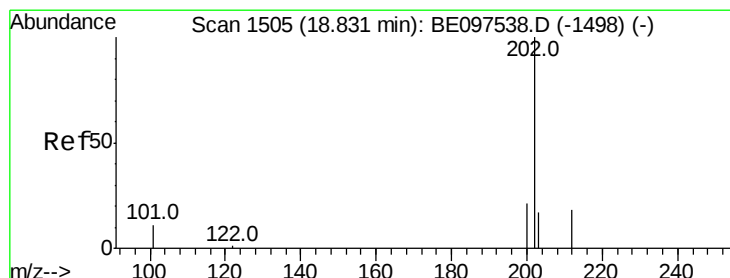
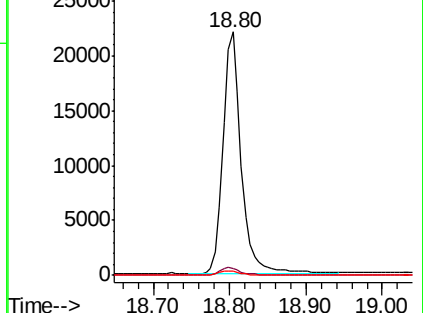
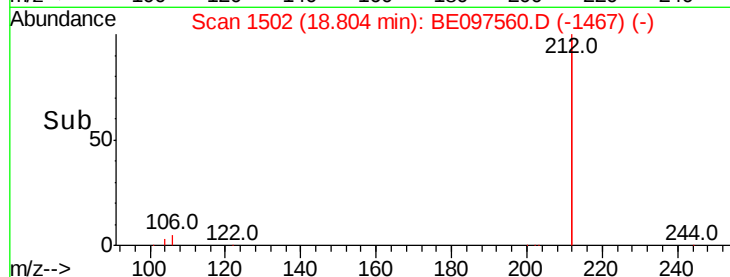
104 1.8 1.6 2.4



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: 0.001 ng

RT: 18.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

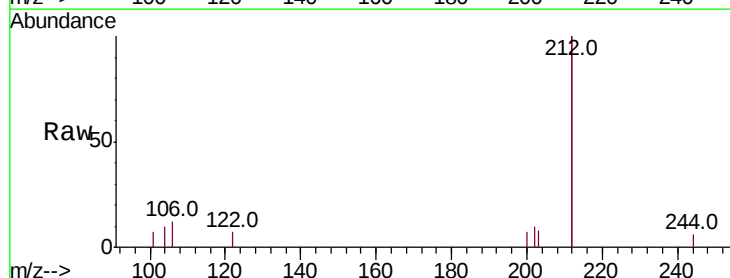
Tgt Ion:202 Resp: 58

Ion Ratio Lower Upper

202 100

101 0.0 9.8 14.8#

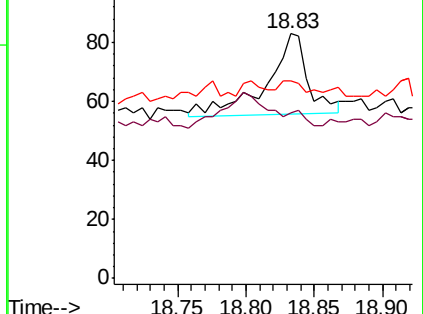
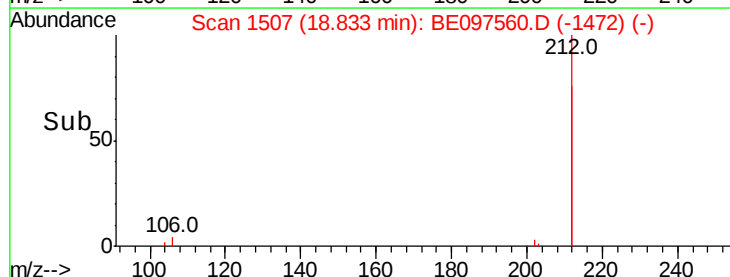
203 8.6 13.7 20.5#

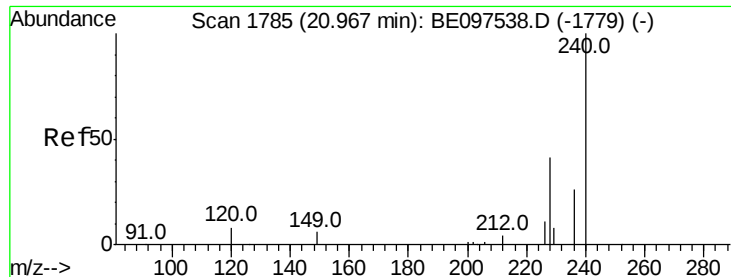


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1787

Delta R.T. 0.00 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20180915

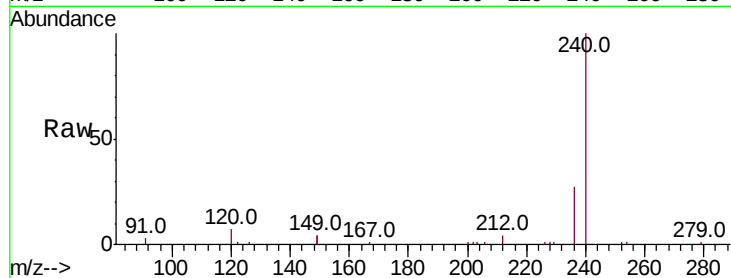
Tot Ion:240 Resp: 18291

Ion Ratio Lower Upper

240 100

120 6.5 5.5 8.3

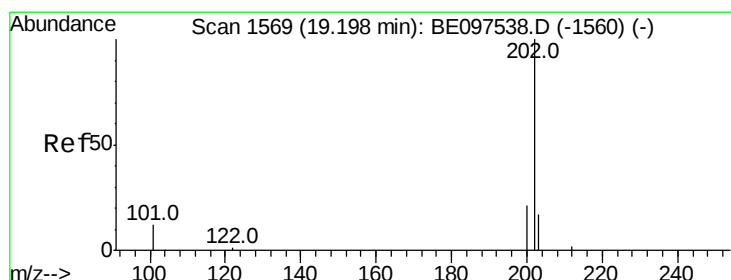
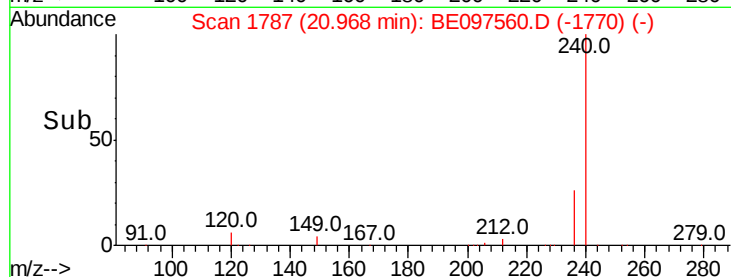
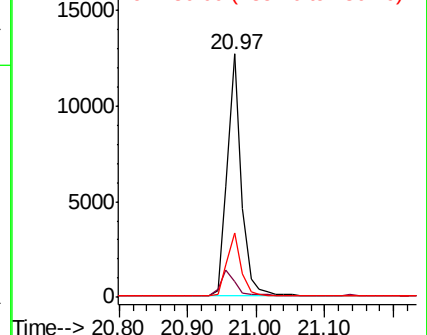
236 26.5 20.7 31.1



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: 0.002 ng

RT: 19.20 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

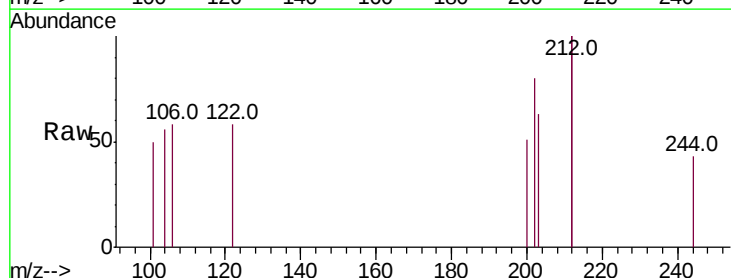
Tgt Ion:202 Resp: 71

Ion Ratio Lower Upper

202 100

200 23.9 16.6 25.0

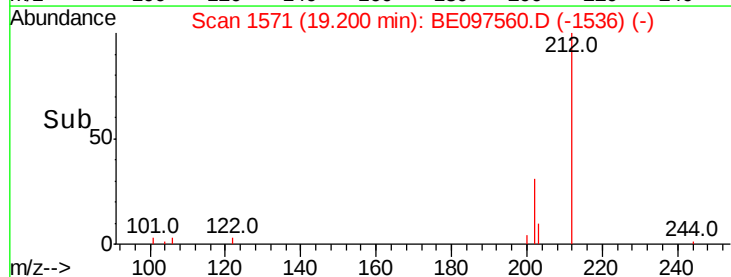
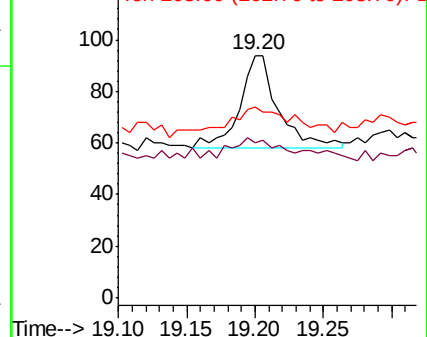
203 62.0 13.8 20.8#

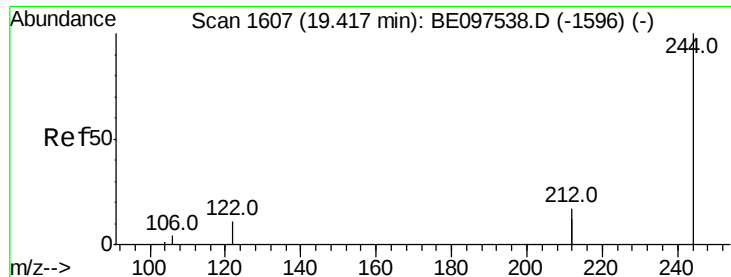


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.256 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20180915

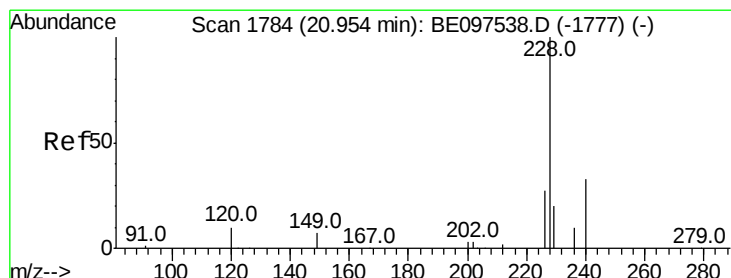
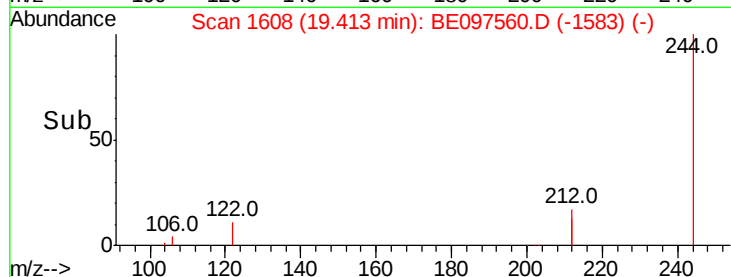
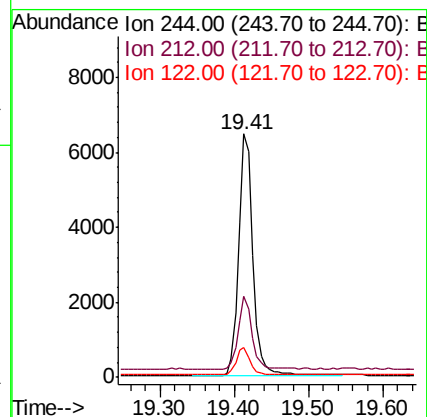
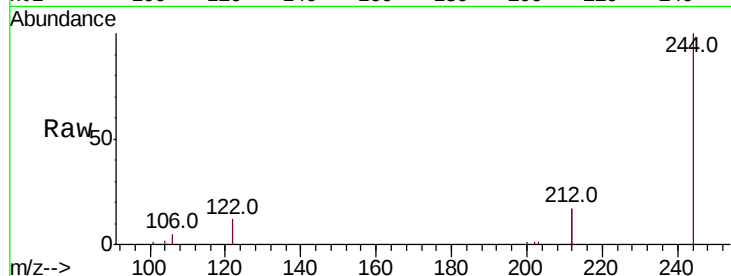
Tot Ion:244 Resp: 8572

Ion Ratio Lower Upper

244 100

212 33.5 25.4 38.0

122 12.3 8.1 12.1#



#30

Benzo(a)anthracene

Concen: 0.002 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

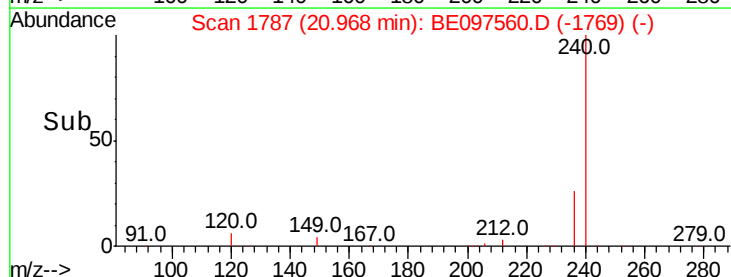
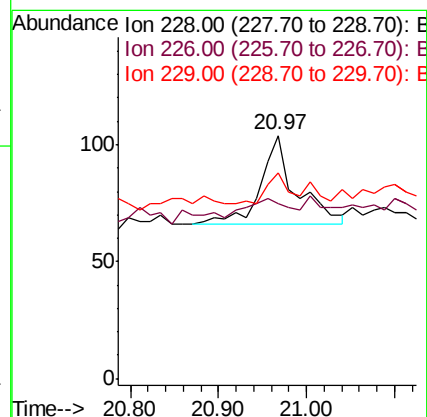
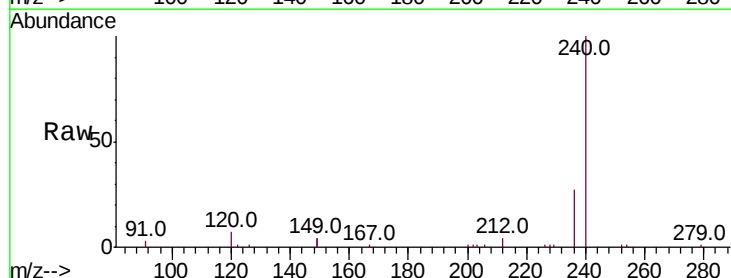
Tgt Ion:228 Resp: 107

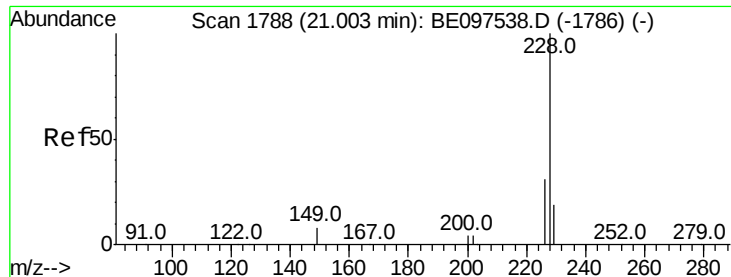
Ion Ratio Lower Upper

228 100

226 72.1 24.0 36.0#

229 84.6 16.0 24.0#





#31

Chrysene

Concen: 0.002 ng

RT: 20.97 min Scan# 1787

Delta R.T. -0.04 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

Instrument :

BNA_E

ClientSampleId :

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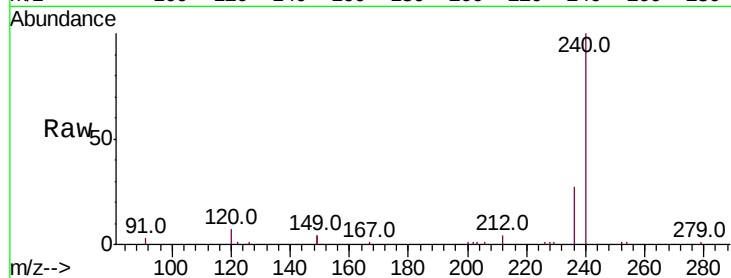
Tot Ion:228 Resp: 77

Ion Ratio Lower Upper

228 100

226 72.1 24.0 36.0#

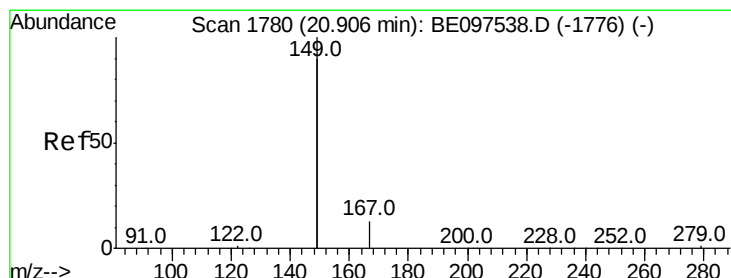
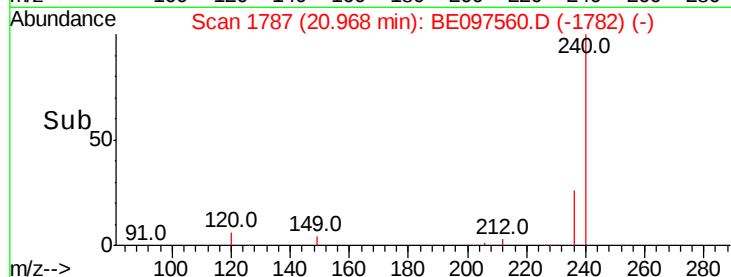
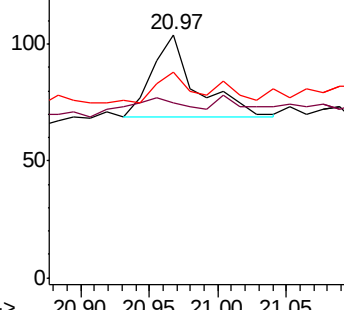
229 84.6 16.0 24.0#



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: 0.038 ng

RT: 20.91 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

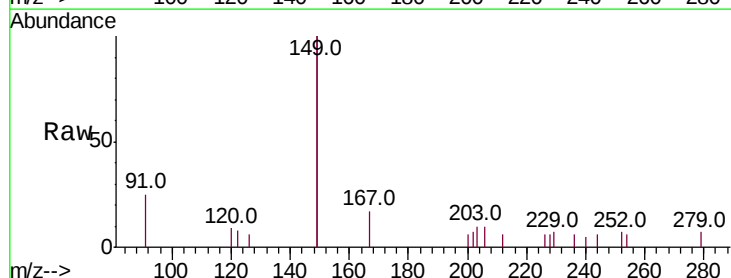
Tgt Ion:149 Resp: 2093

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

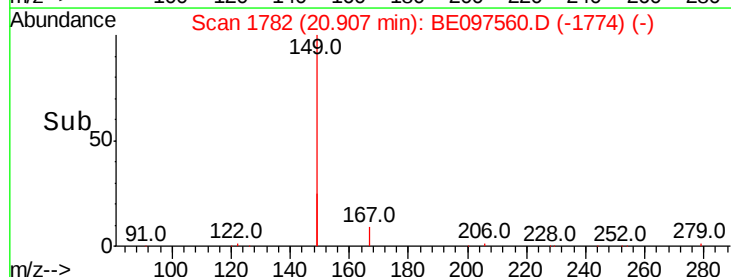
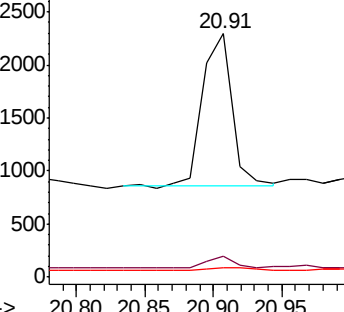
279 2.4 0.7 1.1#

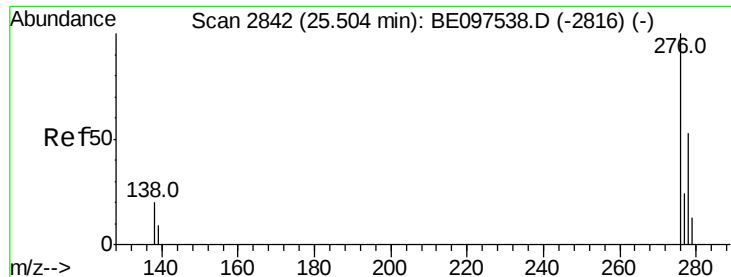


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.000 ng

RT: 25.49 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

Instrument :

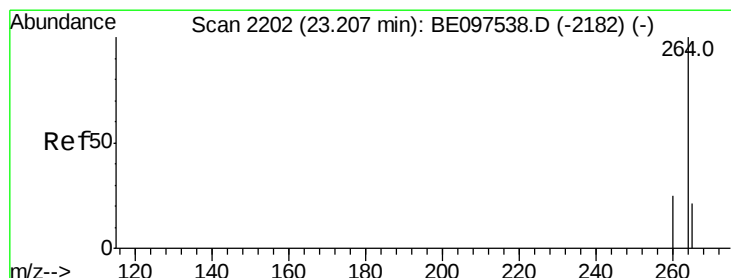
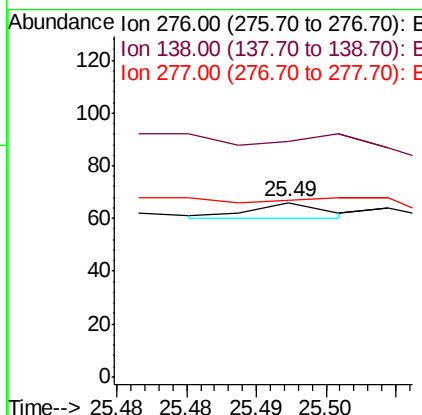
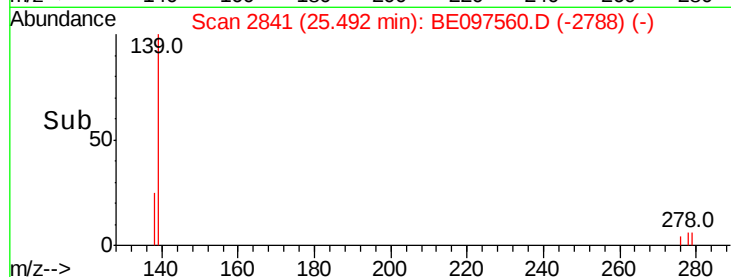
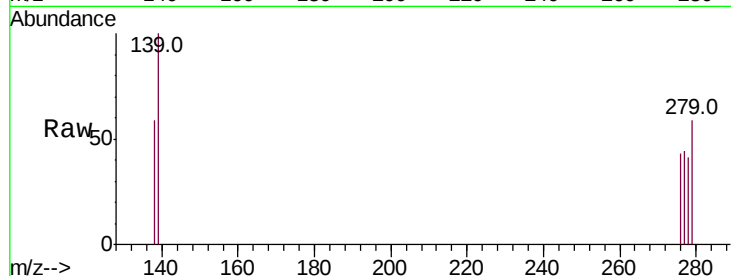
BNA_E

ClientSampleId :

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Tot Ion:276 Resp: 2

Ion	Ratio	Lower	Upper
276	100		
138	3000.0	22.5	33.7#
277	100.0	19.9	29.9#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.20 min Scan# 2203

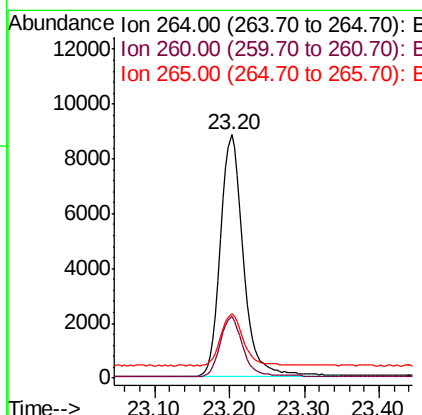
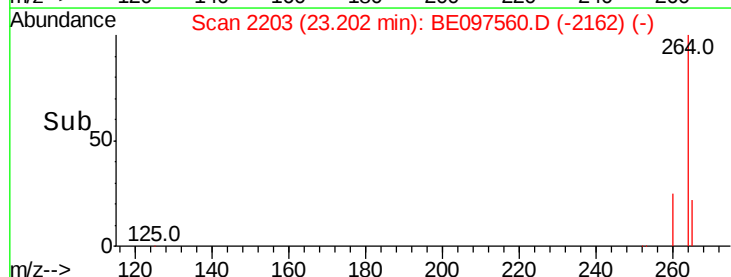
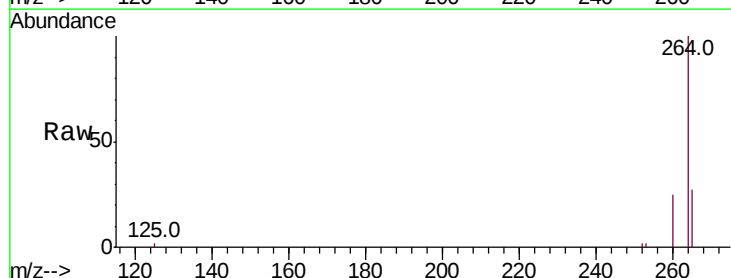
Delta R.T. -0.00 min

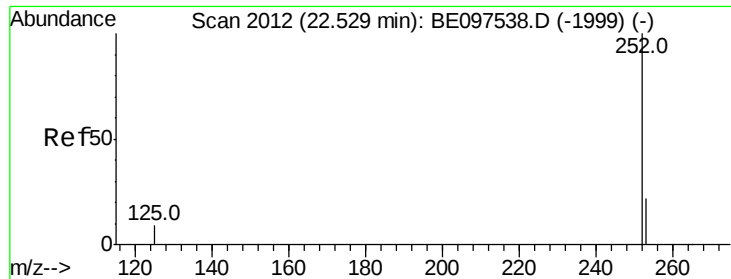
Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

Tgt Ion:264 Resp: 18605

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	26.5	22.8	34.2





#35

Benzo(b)fluoranthene

Concen: 0.000 ng

RT: 22.50 min Scan# 2007

Delta R.T. -0.03 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

Instrument :

BNA_E

ClientSampleId :

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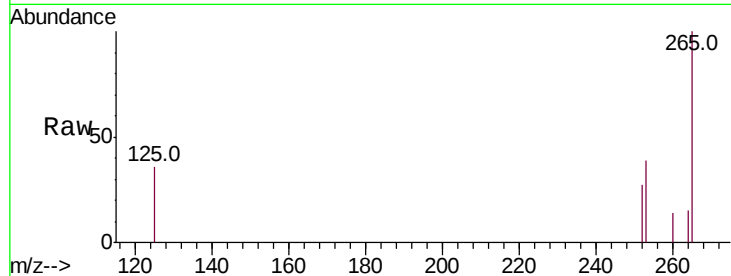
Tot Ion:252 Resp: 4

Ion Ratio Lower Upper

252 100

253 144.2 20.0 30.0#

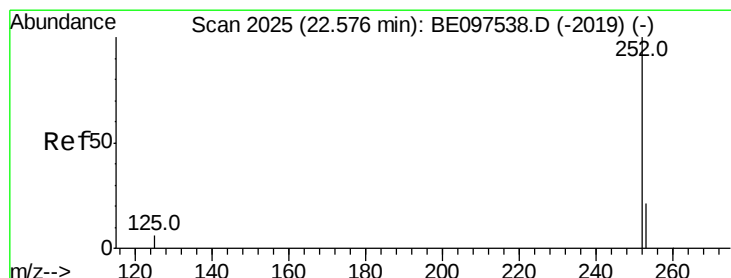
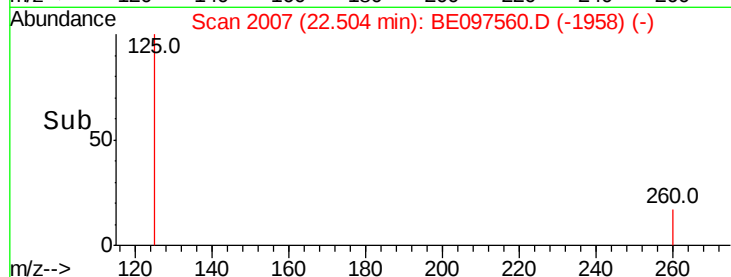
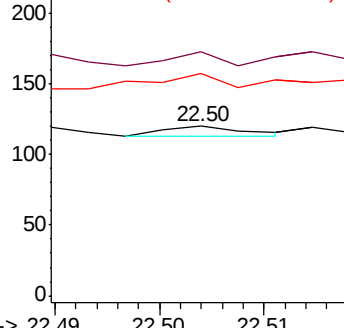
125 131.7 16.0 24.0#



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: 0.001 ng

RT: 22.55 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

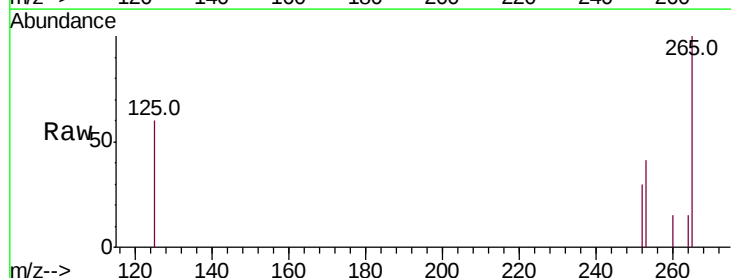
Tgt Ion:252 Resp: 30

Ion Ratio Lower Upper

252 100

253 134.3 16.0 24.0#

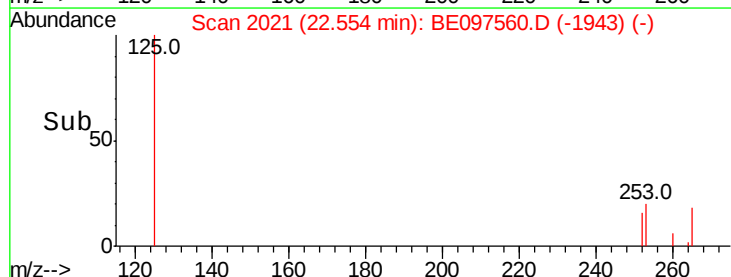
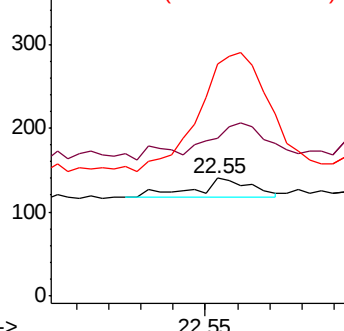
125 197.9 8.0 12.0#

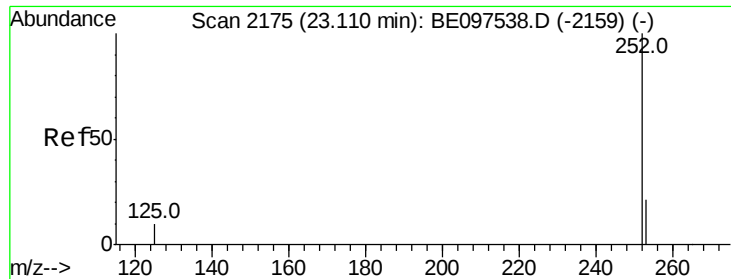


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.021 ng

RT: 23.09 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

Instrument :

BNA_E

ClientSampleId :

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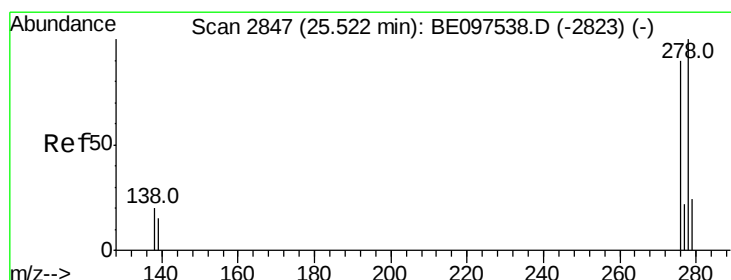
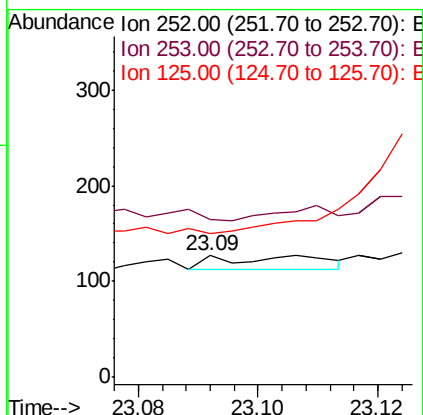
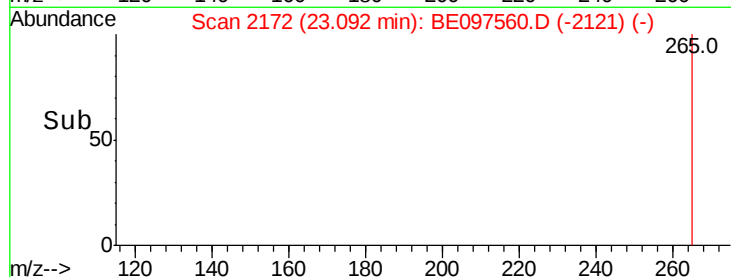
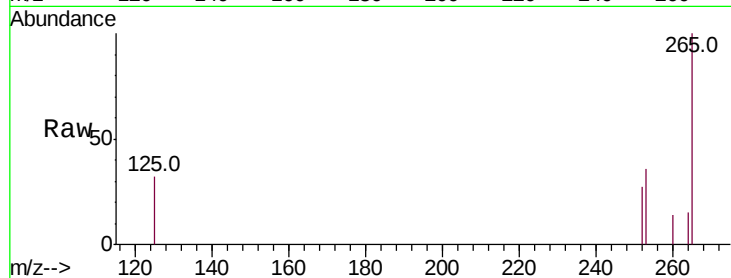
Tot Ion:252 Resp: 18

Ion Ratio Lower Upper

252 100

253 129.9 16.0 24.0#

125 118.1 12.0 18.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 25.50 min Scan# 2843

Delta R.T. -0.02 min

Lab File: BE097560.D

Acq: 20 Sep 2018 3:27

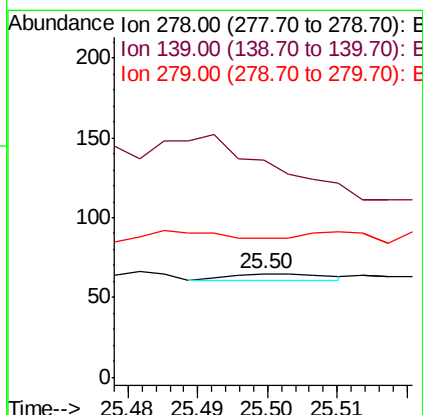
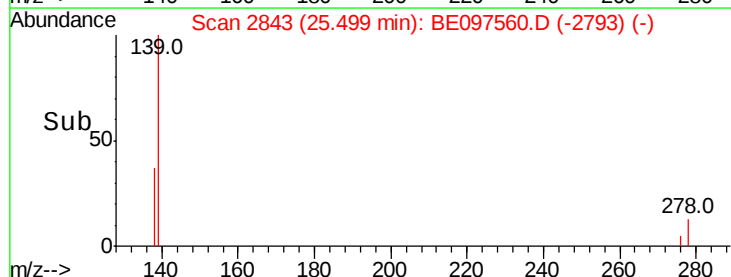
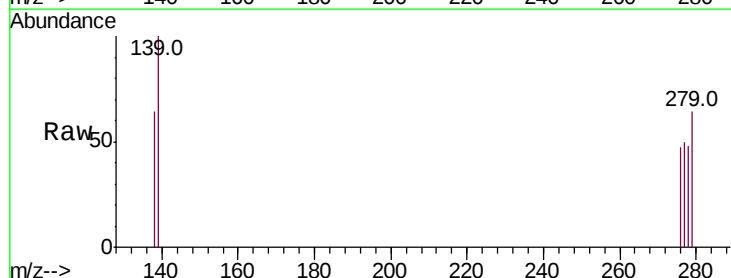
Tgt Ion:278 Resp: 4

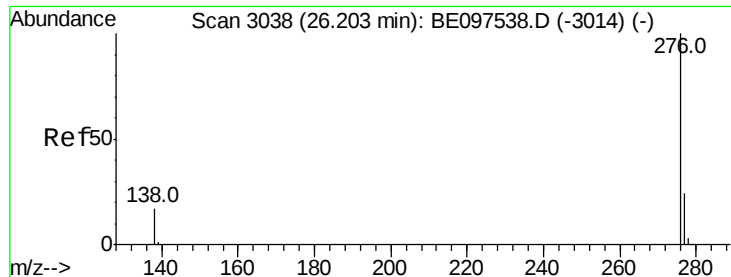
Ion Ratio Lower Upper

278 100

139 209.2 16.0 24.0#

279 133.8 20.0 30.0#





#39

Benzo(a,h,i)perylene

Concen: 0.000 ng

RT: 26.20 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BE097560.D

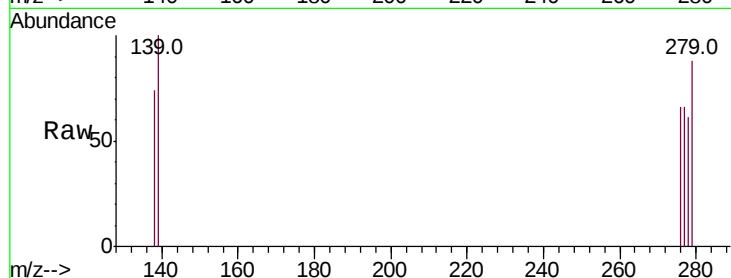
Acq: 20 Sep 2018 3:27

Instrument :

BNA_E

ClientSampleId :

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Tot Ion: 276 Resp: 5

Ion Ratio Lower Upper

276 100

277 100.0 16.0 24.0#

138 112.3 20.0 30.0#

