

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
 Data File : BE097575.D
 Acq On : 20 Sep 2018 15:58
 Operator : SJ/JU
 Sample : J4958-23
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW309I-20180915

Quant Time: Sep 21 05:59:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	654	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3037	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	1904	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	6586	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8661	0.40	ng	0.00
34) Perylene-d12	23.20	264	8183	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	311	0.16	ng	0.00
5) Phenol-d6	6.62	99	193	0.08	ng	0.01
8) Nitrobenzene-d5	8.54	82	818	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	11.72	152	1779	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	338	0.46	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	3815	0.57	ng	0.00
25) Fluoranthene-d10	18.80	212	34778	0.41	ng	0.00
29) Terphenyl-d14	19.41	244	9171	0.58	ng	0.00

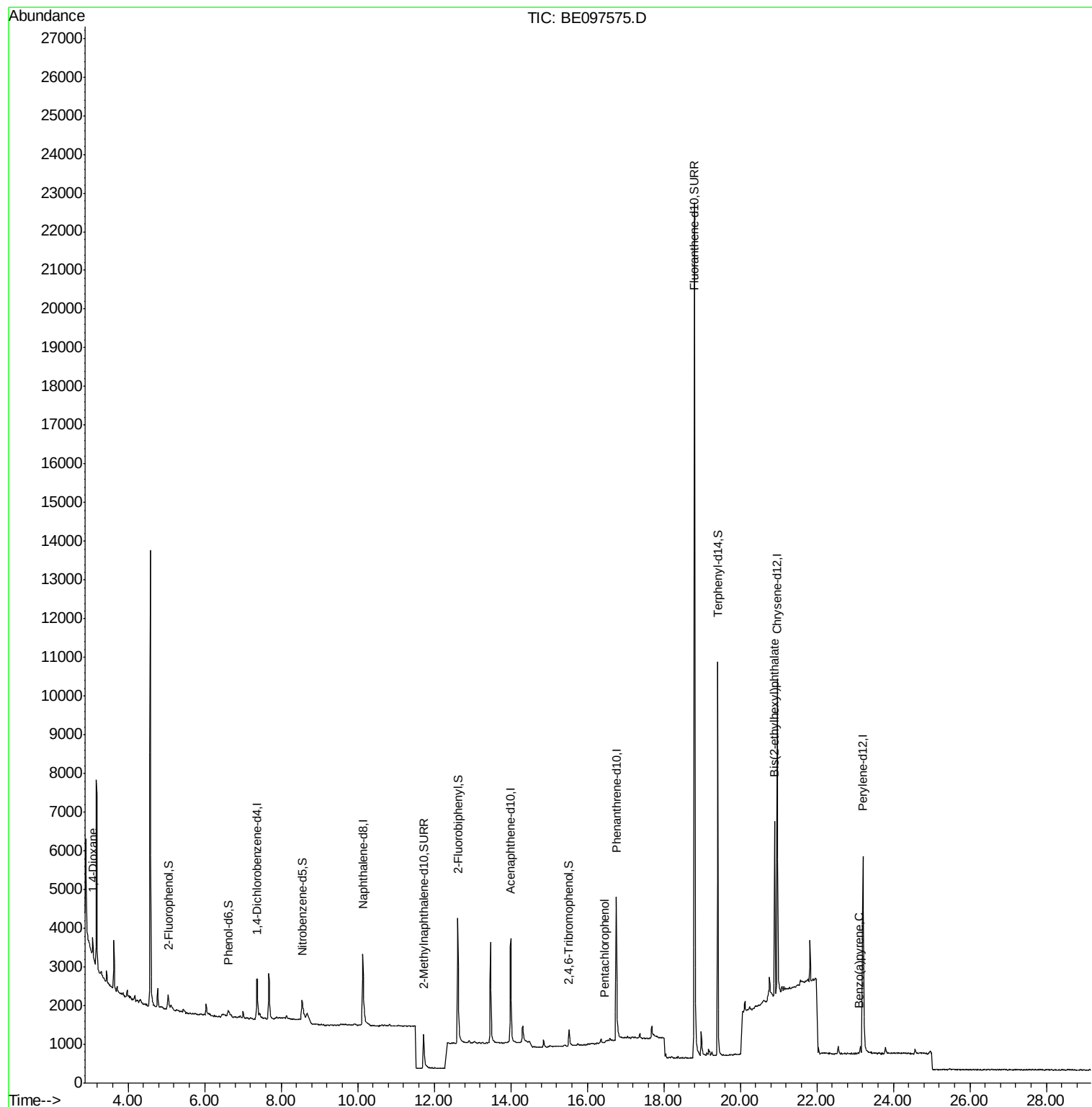
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.07	88	257	0.211	ng	# 52
22) Pentachlorophenol	16.45	266	8	0.135	ng	94
32) Bis(2-ethylhexyl)phthalate	20.90	149	5818	0.169	ng	# 99
37) Benzo(a)pyrene	23.10	252	20	0.021	ng	# 1

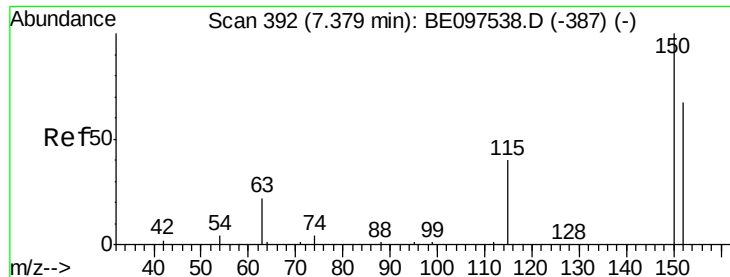
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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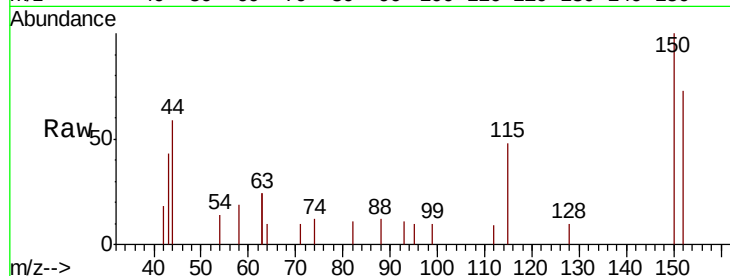


#1

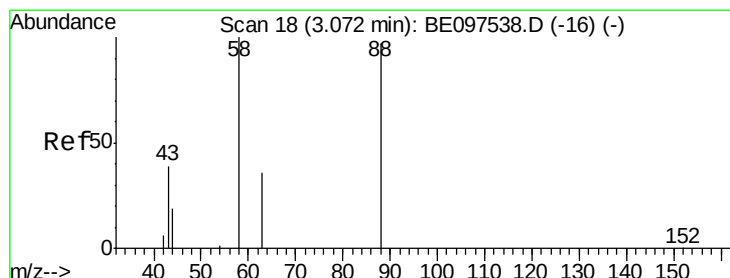
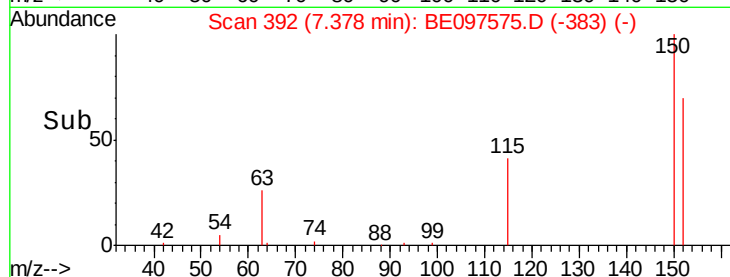
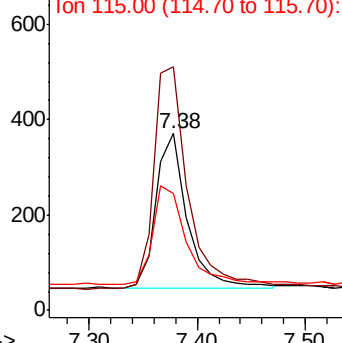
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097575.D
Acq: 20 Sep 2018 15:58

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309I-20180915

Tgt Ion: 152 Resp: 654
Ion Ratio Lower Upper
152 100
150 137.7 117.2 175.8
115 66.3 57.0 85.6



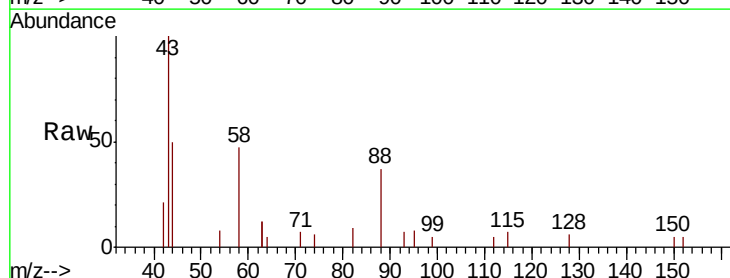
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



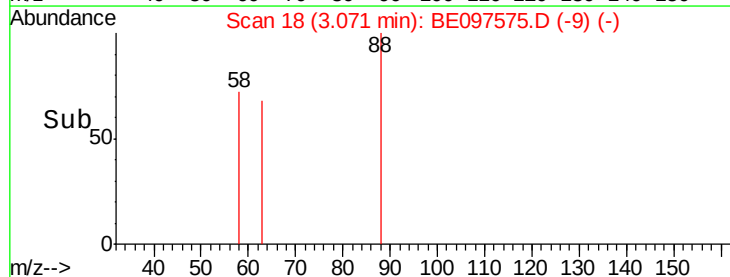
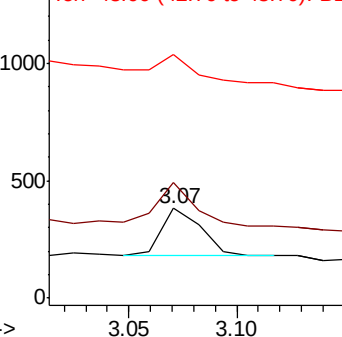
#2

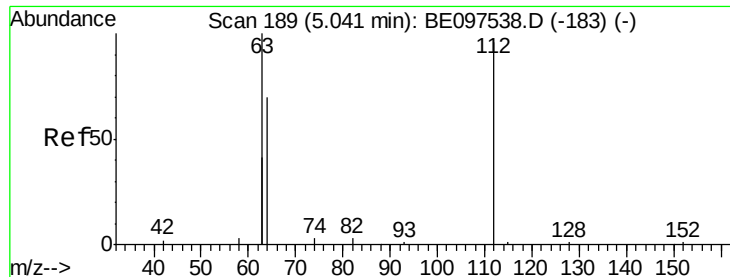
1,4-Dioxane
Concen: 0.211 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.00 min
Lab File: BE097575.D
Acq: 20 Sep 2018 15:58

Tgt Ion: 88 Resp: 257
Ion Ratio Lower Upper
88 100
58 106.6 63.2 94.8#
43 0.0 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





#4

2-Fluorophenol

Concen: 0.159 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097575.D

Acq: 20 Sep 2018 15:58

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309I-20180915

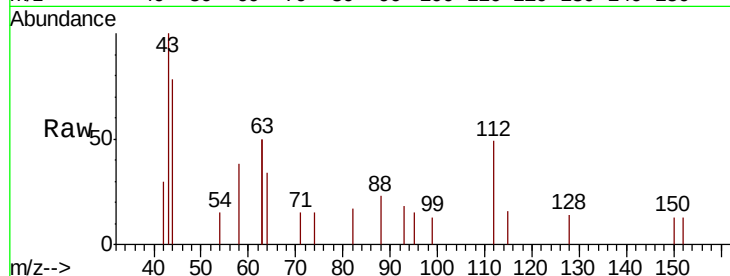
Tgt Ion: 112 Resp: 311

Ion Ratio Lower Upper

112 100

64 68.8 60.1 90.1

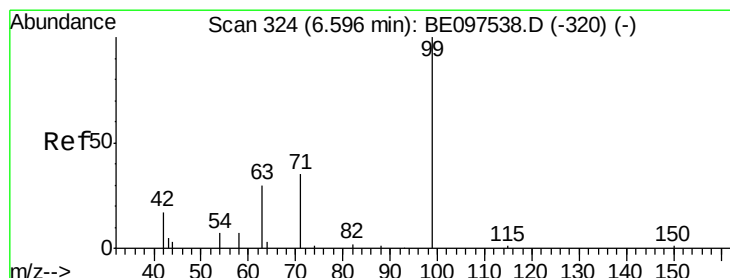
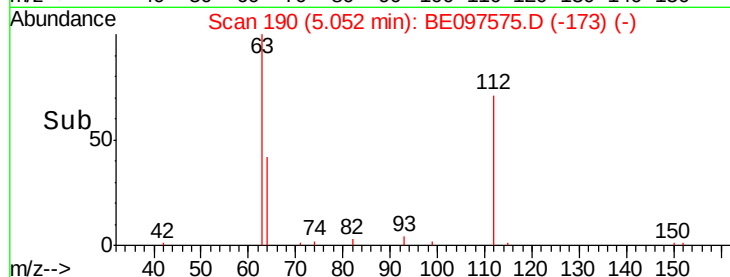
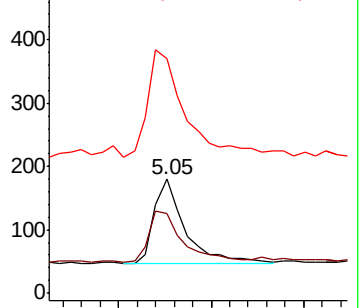
63 159.2 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.077 ng

RT: 6.62 min Scan# 326

Delta R.T. 0.01 min

Lab File: BE097575.D

Acq: 20 Sep 2018 15:58

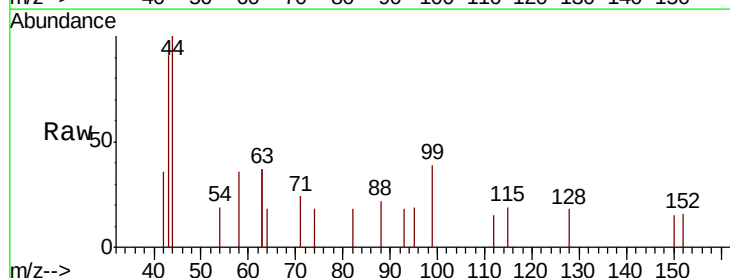
Tgt Ion: 99 Resp: 193

Ion Ratio Lower Upper

99 100

42 23.8 20.2 30.2

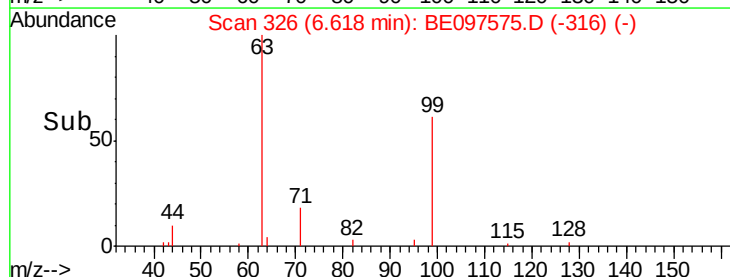
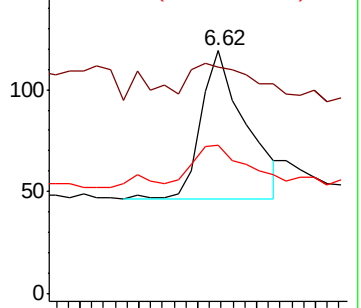
71 28.0 28.4 42.6#

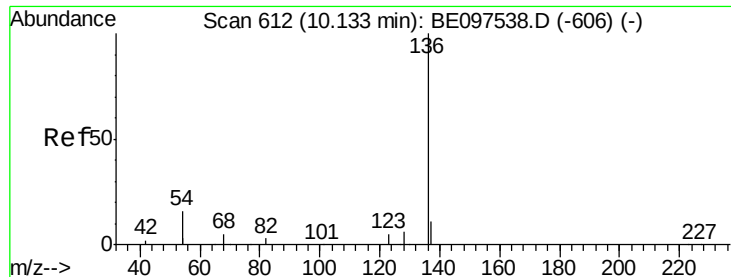


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097575.D

Acq: 20 Sep 2018 15:58

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309I-20180915

Tgt Ion:136 Resp: 3037

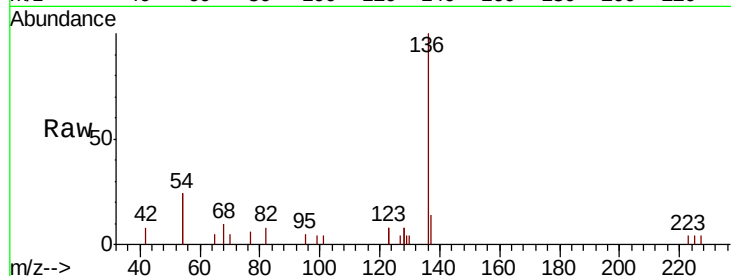
Ion Ratio Lower Upper

136 100

137 13.7 9.5 14.3

54 47.7 29.1 43.7#

68 9.6 6.2 9.2#

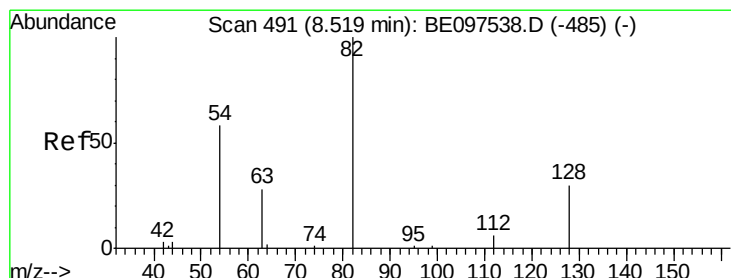
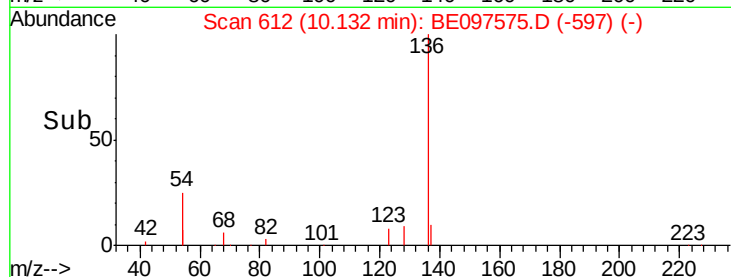
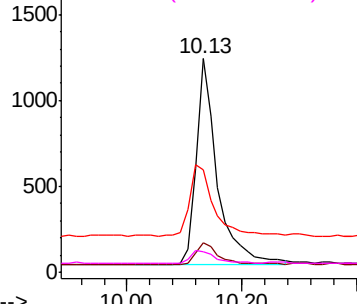


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.349 ng

RT: 8.54 min Scan# 493

Delta R.T. 0.01 min

Lab File: BE097575.D

Acq: 20 Sep 2018 15:58

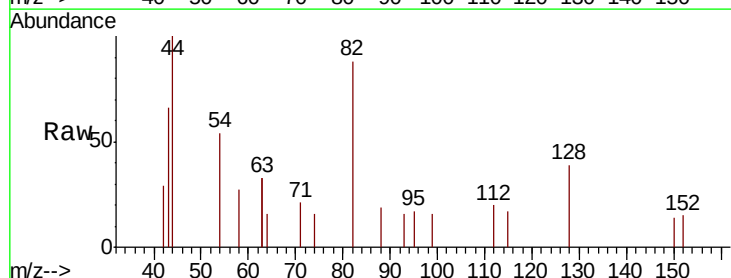
Tgt Ion: 82 Resp: 818

Ion Ratio Lower Upper

82 100

128 44.3 24.0 36.0#

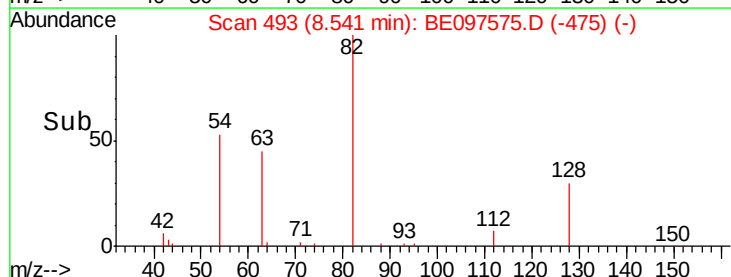
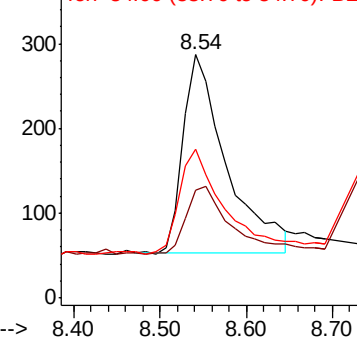
54 61.3 40.0 60.0#

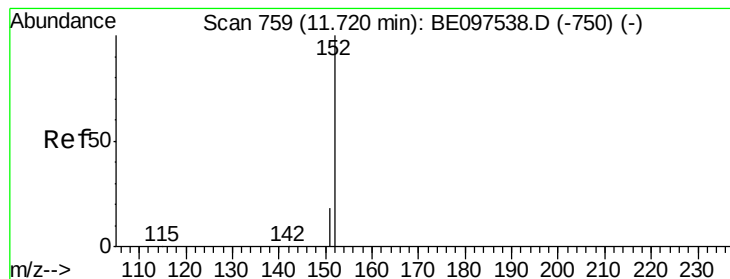


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.425 ng

RT: 11.72 min Scan# 759

Delta R.T. 0.01 min

Lab File: BE097575.D

Acq: 20 Sep 2018 15:58

Instrument :

BNA_E

ClientSampleId :

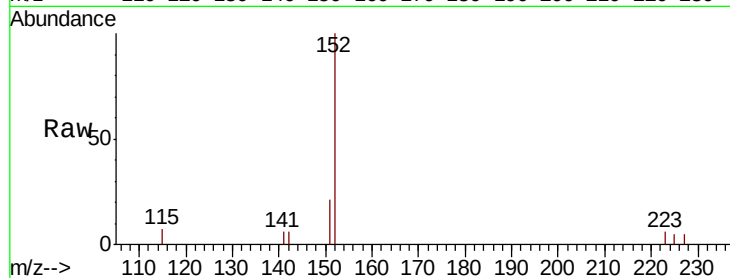
BPS1-TT-MW309I-20180915

Tgt Ion:152 Resp: 1779

Ion Ratio Lower Upper

152 100

151 17.7 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

800

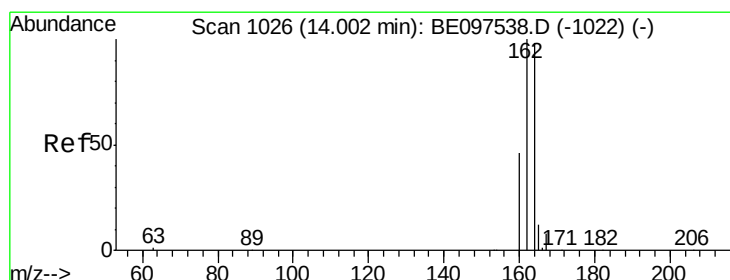
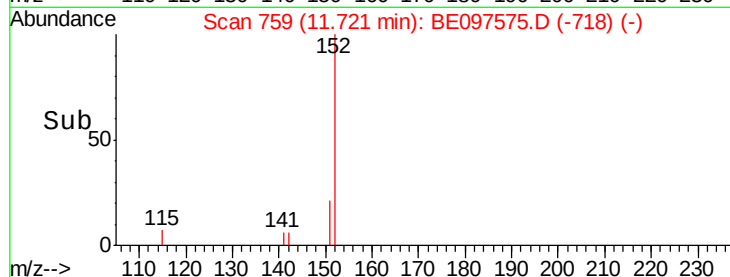
600

400

200

0

Time--> 11.60 11.70 11.80 11.90



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE097575.D

Acq: 20 Sep 2018 15:58

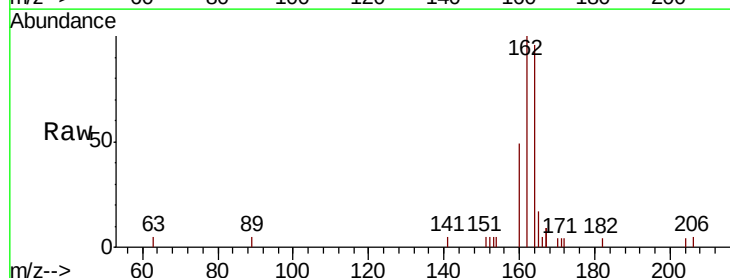
Tgt Ion:164 Resp: 1904

Ion Ratio Lower Upper

164 100

162 104.4 83.1 124.7

160 51.3 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

14.00

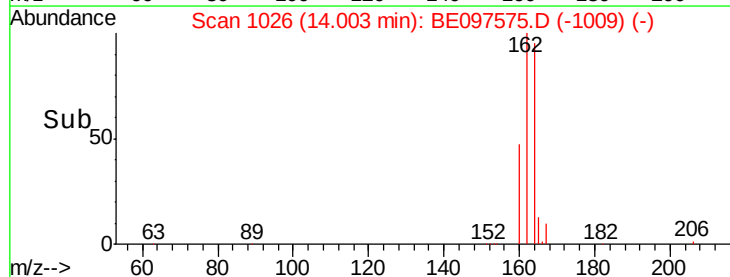
1500

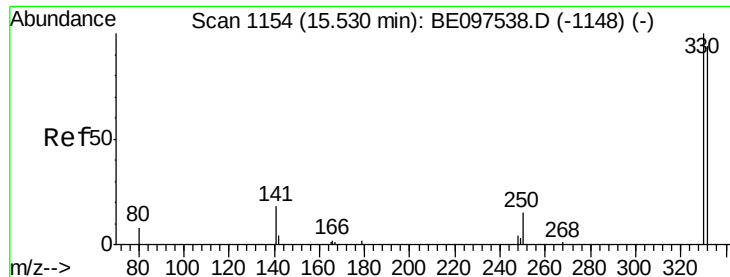
1000

500

0

Time--> 13.80 14.00 14.20

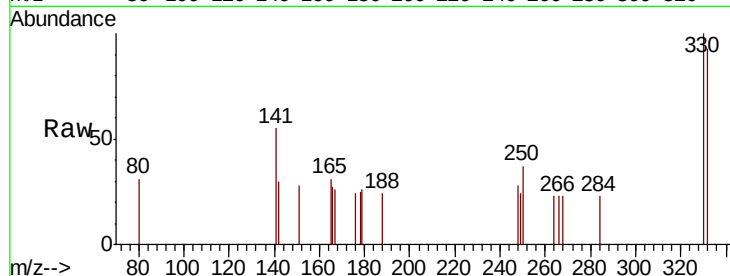




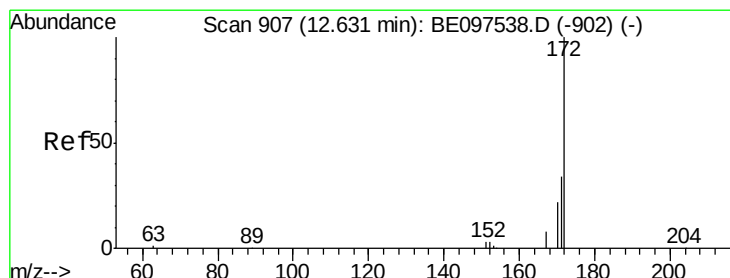
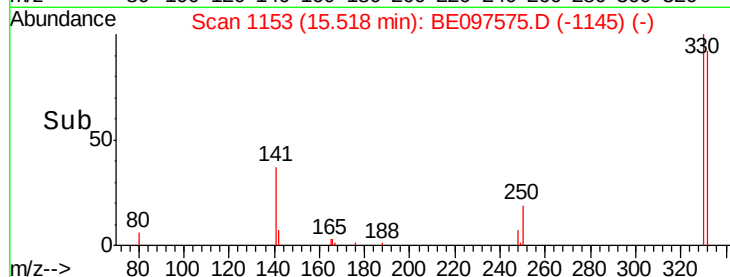
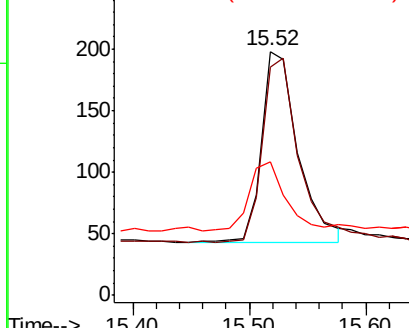
#14
 2,4,6-Tribromophenol
 Concen: 0.456 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE097575.D
 Acq: 20 Sep 2018 15:58

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Tgt Ion: 330 Resp: 338
 Ion Ratio Lower Upper
 330 100
 332 96.2 152.7 229.1#
 141 36.7 33.7 50.5

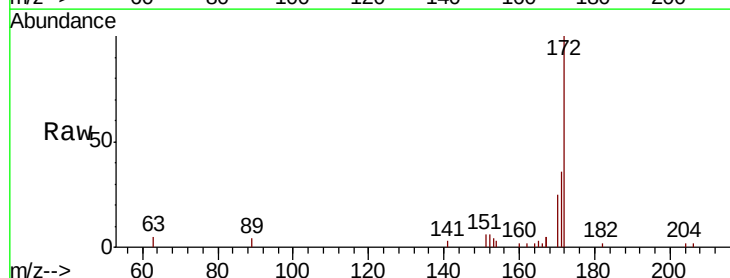


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

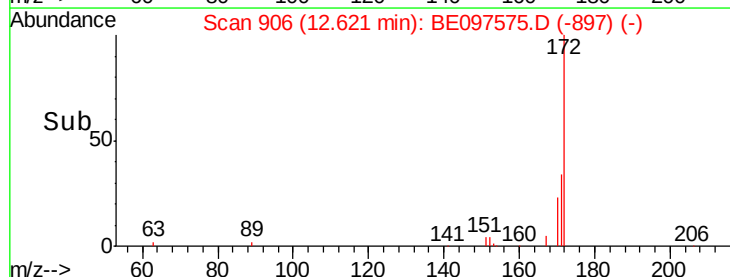
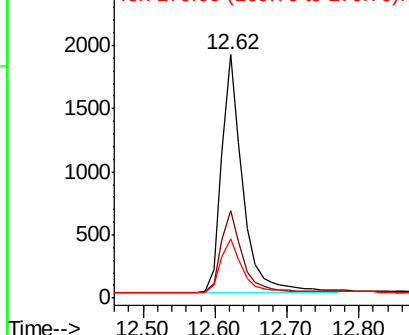


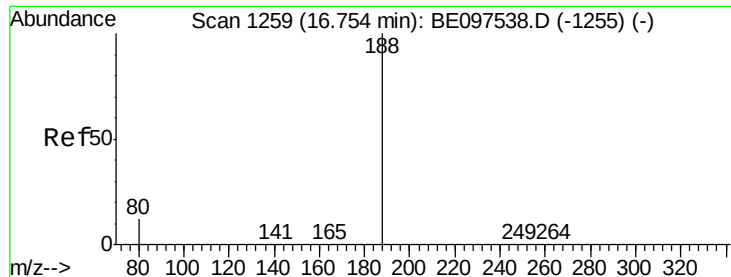
#15
 2-Fluorobiphenyl
 Concen: 0.567 ng
 RT: 12.62 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BE097575.D
 Acq: 20 Sep 2018 15:58

Tgt Ion: 172 Resp: 3815
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.9 44.9
 170 24.6 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BE097575.D

Acq: 20 Sep 2018 15:58

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309I-20180915

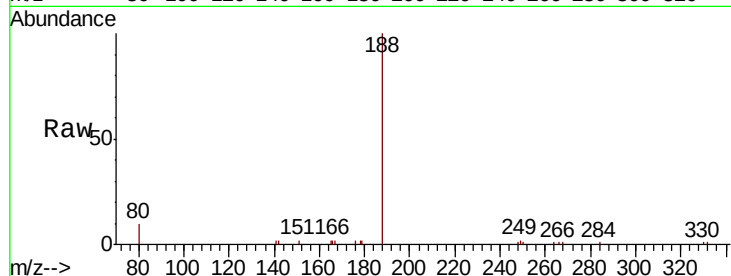
Tgt Ion:188 Resp: 6586

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

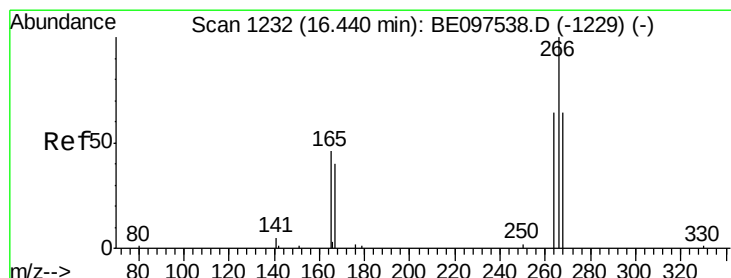
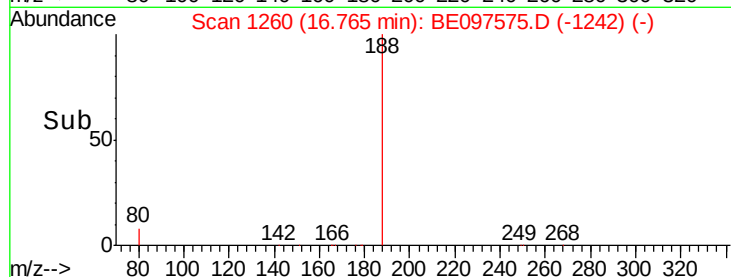
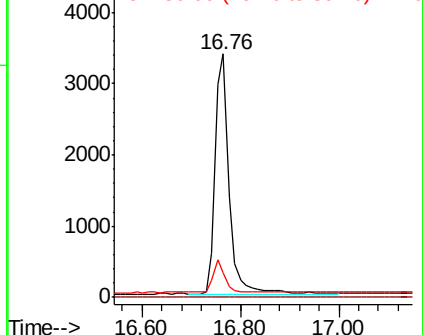
80 10.1 3.6 5.4#



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



#22

Pentachlorophenol

Concen: 0.135 ng

RT: 16.45 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BE097575.D

Acq: 20 Sep 2018 15:58

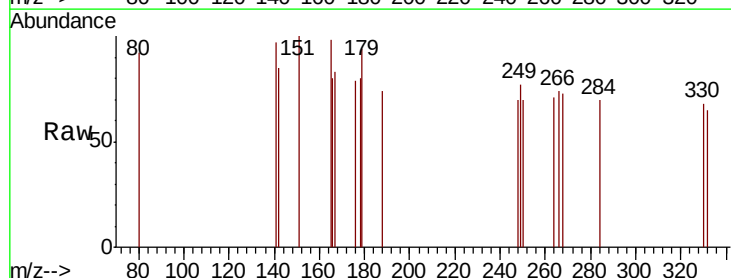
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 95.9 72.5 108.7

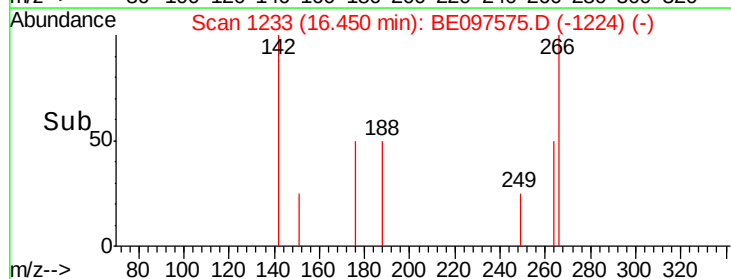
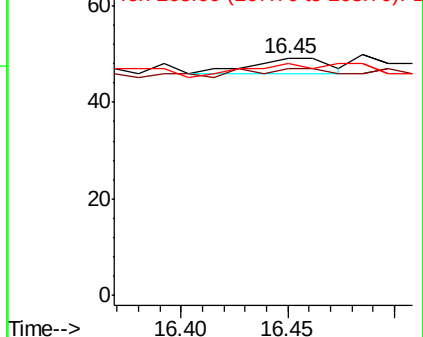
268 98.0 73.8 110.6

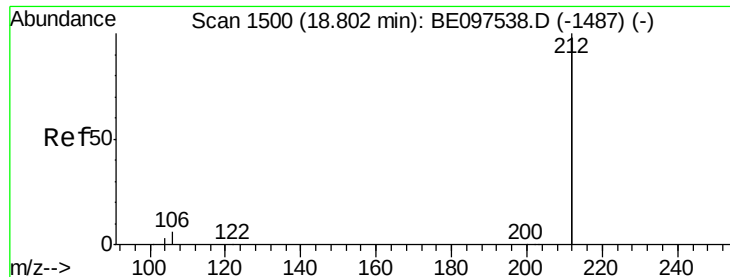


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.412 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BE097575.D

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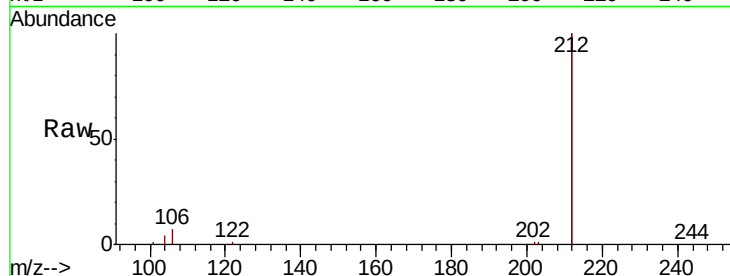
Tgt Ion:212 Resp: 34778

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

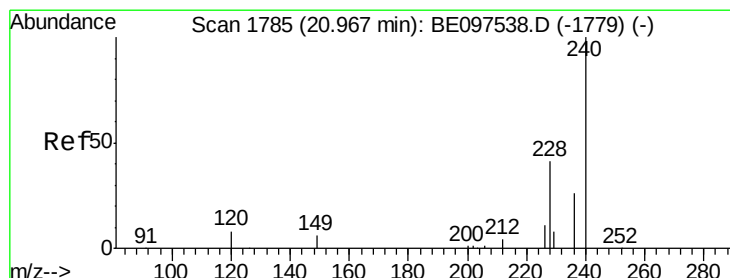
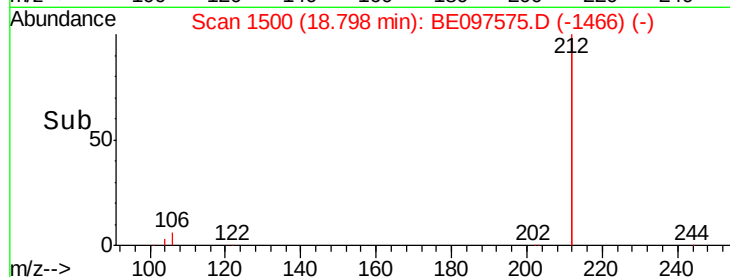
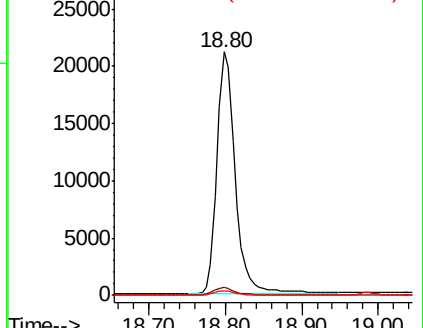
104 1.7 1.6 2.4



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097575.D

Acq: 20 Sep 2018 15:58

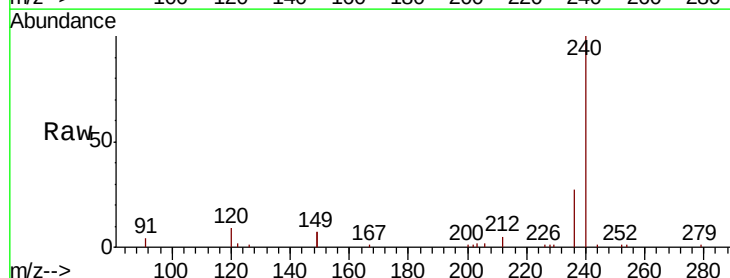
Tgt Ion:240 Resp: 8661

Ion Ratio Lower Upper

240 100

120 8.6 5.5 8.3#

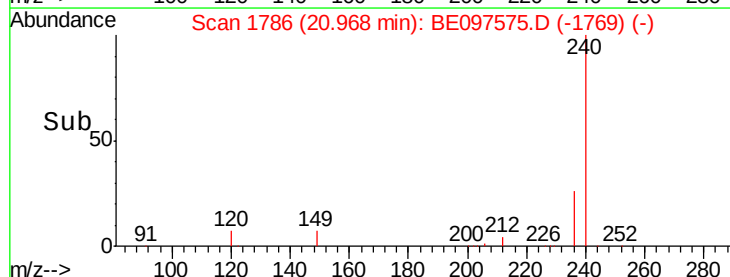
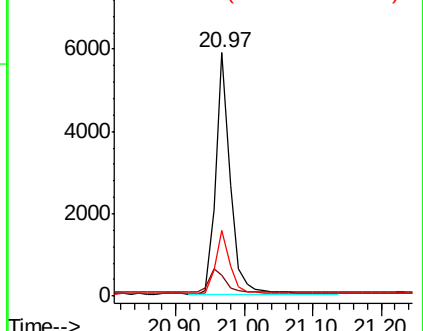
236 27.1 20.7 31.1

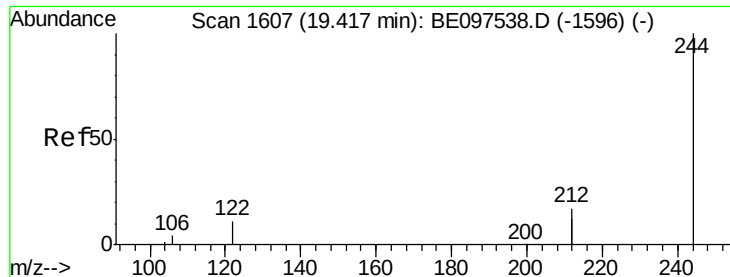


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.579 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097575.D

Acq: 20 Sep 2018 15:58

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309I-20180915

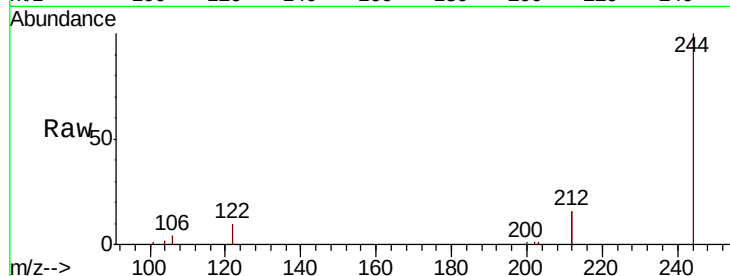
Tgt Ion:244 Resp: 9171

Ion Ratio Lower Upper

244 100

212 31.6 25.4 38.0

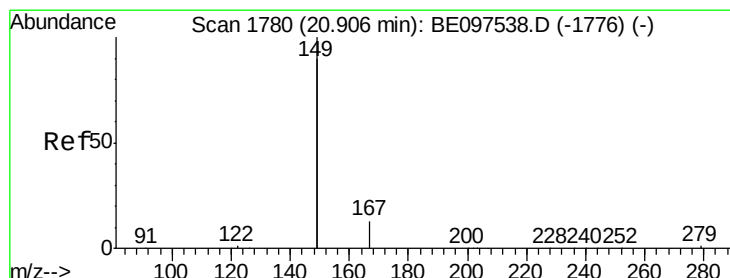
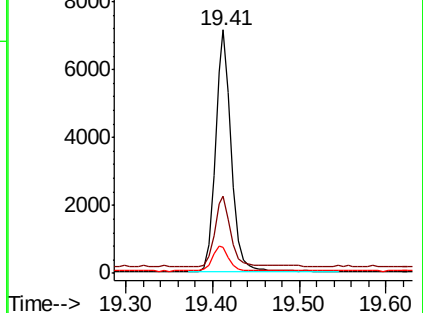
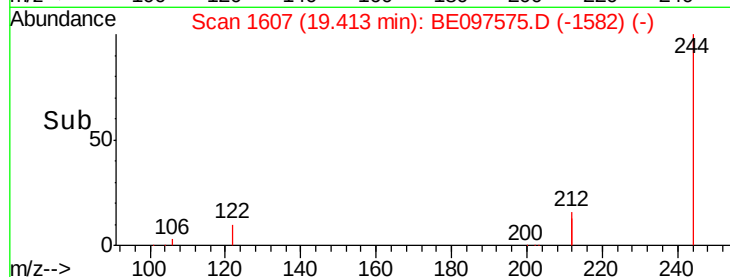
122 10.5 8.1 12.1



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.169 ng

RT: 20.90 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BE097575.D

Acq: 20 Sep 2018 15:58

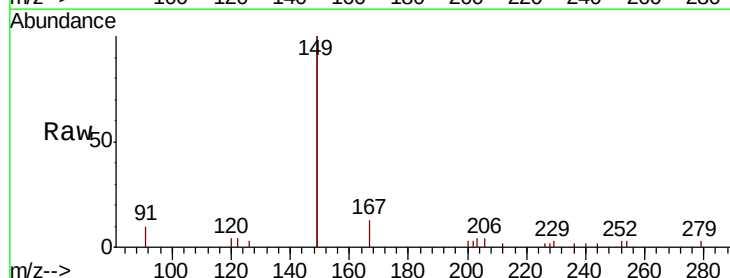
Tgt Ion:149 Resp: 5818

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

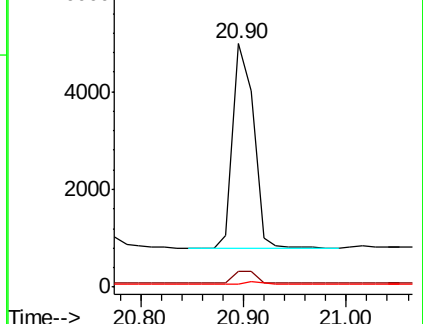
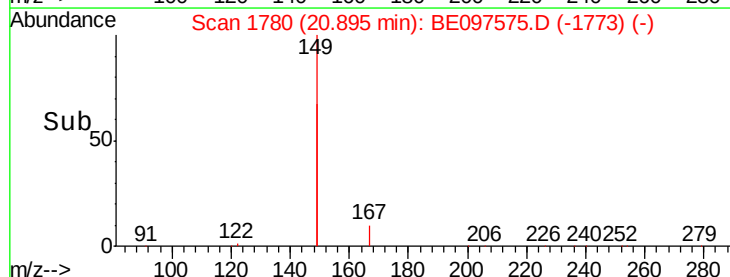
279 1.3 0.7 1.1#

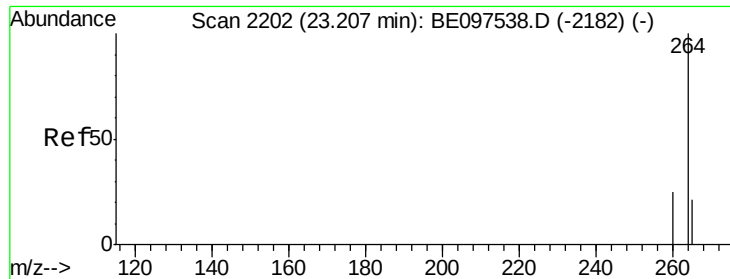


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

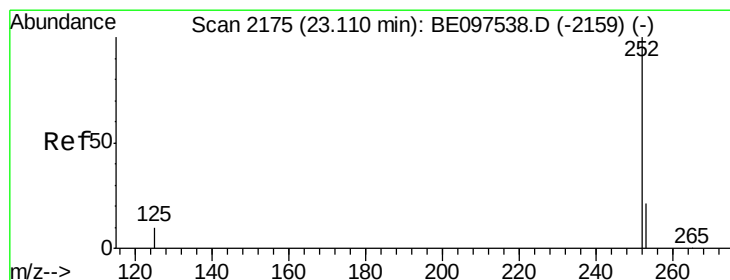
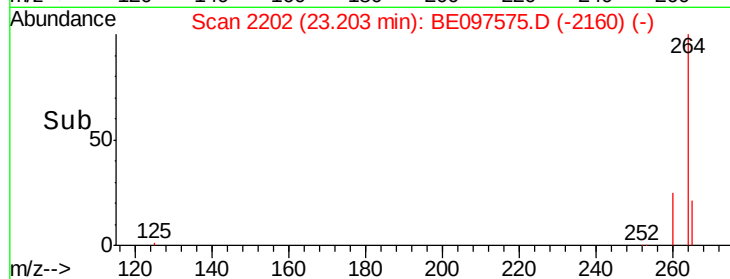
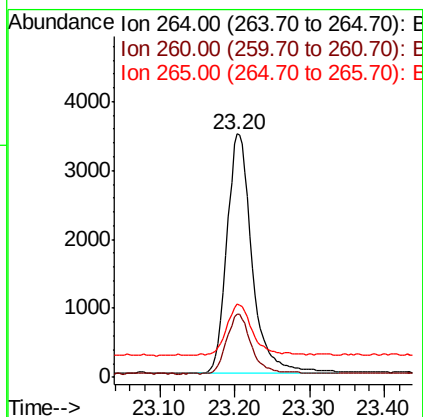
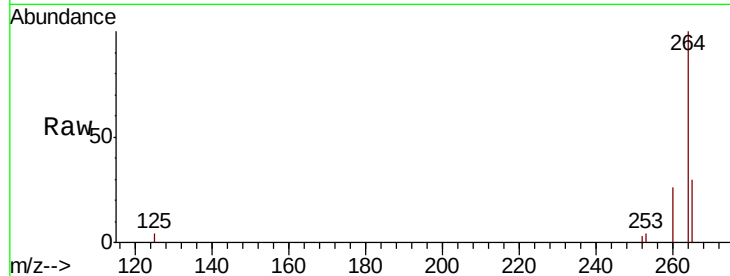




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BE097575.D
 Acq: 20 Sep 2018 15:58

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW309I-20180915

Tgt Ion: 264 Resp: 8183
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.5 30.7
 265 30.1 22.8 34.2



#37
Benzo(a)pyrene
 Concen: 0.021 ng
 RT: 23.10 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BE097575.D
 Acq: 20 Sep 2018 15:58

Tgt Ion: 252 Resp: 20
 Ion Ratio Lower Upper
 252 100
 253 127.4 16.0 24.0#
 125 128.4 12.0 18.0#

