

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097640.D
 Acq On : 22 Sep 2018 9:21
 Operator : SJ/JU
 Sample : J4913-03DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305I-20180911DL

Quant Time: Sep 24 02:30:25 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	7.39	152	602	0.40	ng	0.01
7) Naphthalene-d8	10.16	136	2981	0.40	ng	0.02
13) Acenaphthene-d10	14.01	164	2360	0.40	ng	0.01
19) Phenanthrene-d10	16.78	188	7655	0.40	ng	0.02
27) Chrysene-d12	20.98	240	7900	0.40	ng	0.01
34) Perylene-d12	23.21	264	7606	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	71	0.04	ng	0.02
5) Phenol-d6	6.62	99	1	0.00	ng	0.01
8) Nitrobenzene-d5	8.48	82	3	0.00	ng	-0.05
11) 2-Methylnaphthalene-d10	11.80	152	145	0.04	ng	0.08
14) 2,4,6-Tribromophenol	15.56	330	80	0.17	ng	0.04
15) 2-Fluorobiphenyl	12.67	172	845	0.10	ng	0.05
25) Fluoranthene-d10	18.82	212	7628	0.08	ng	0.02
29) Terphenyl-d14	19.42	244	1794	0.12	ng	0.00

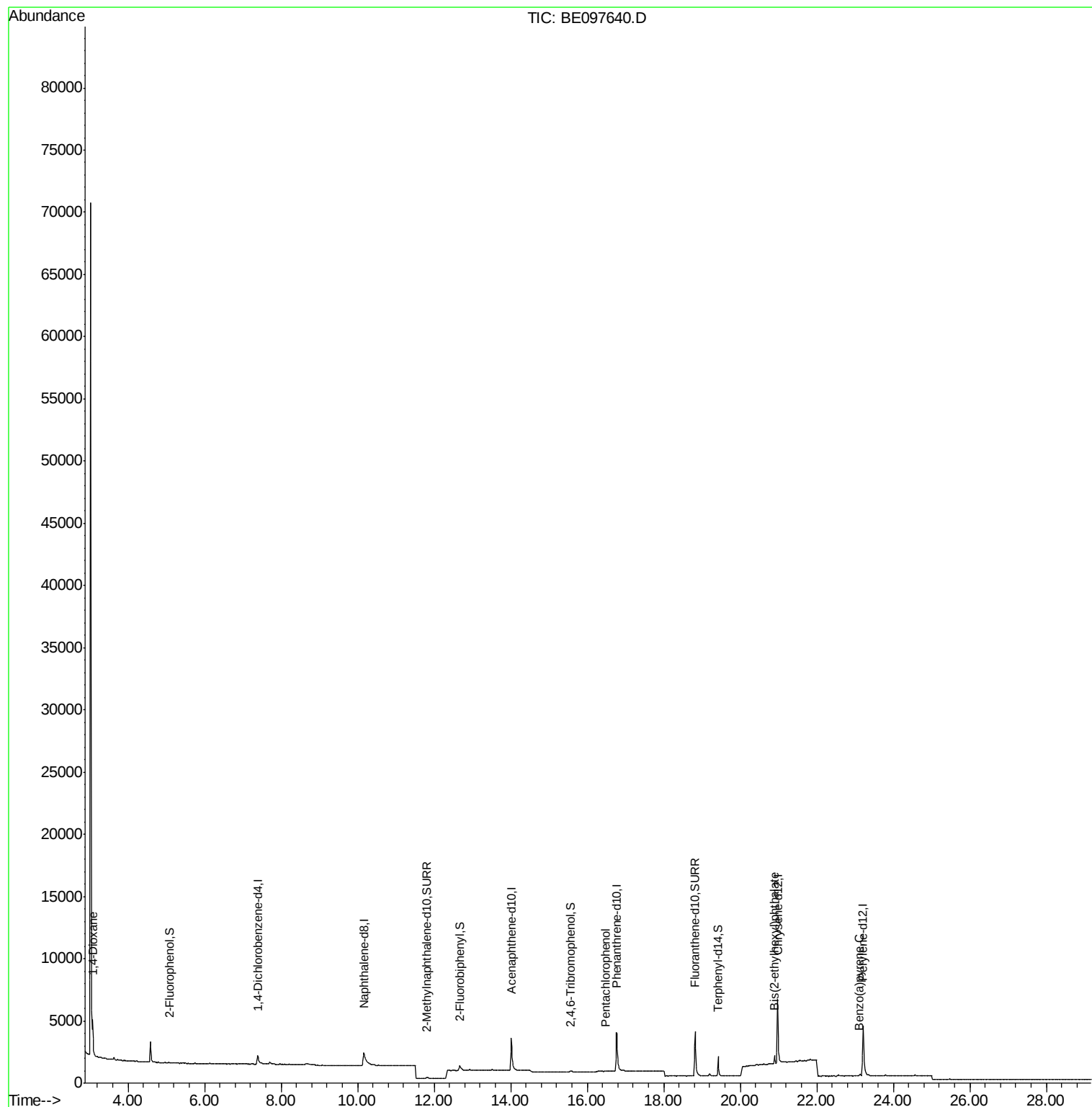
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.07	88	1220	1.278	ng	# 90
22) Pentachlorophenol	16.47	266	14	0.138	ng	# 93
32) Bis(2-ethylhexyl)phthalate	20.90	149	904	0.038	ng	# 95
37) Benzo(a)pyrene	23.11	252	2	0.021	ng	# 1

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

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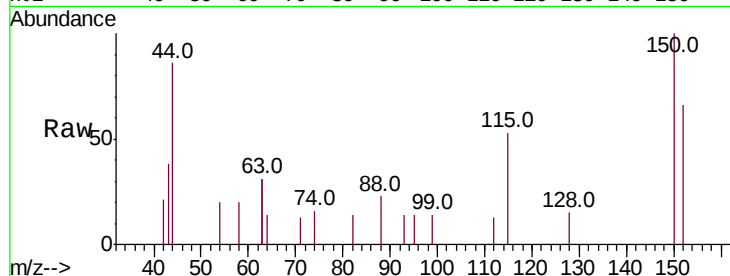


#1

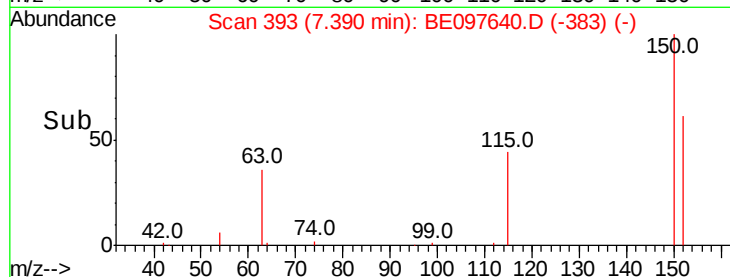
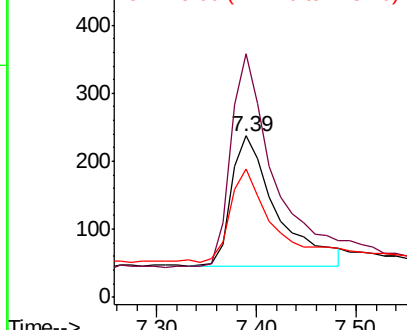
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.01 min
Lab File: BE097640.D
Acq: 22 Sep 2018 9:21

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305I-20180911DL

Tot Ion:152 Resp: 602
Ion Ratio Lower Upper
152 100
150 151.1 117.2 175.8
115 79.7 57.0 85.6



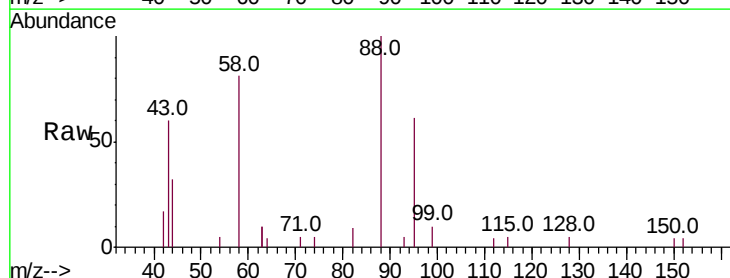
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



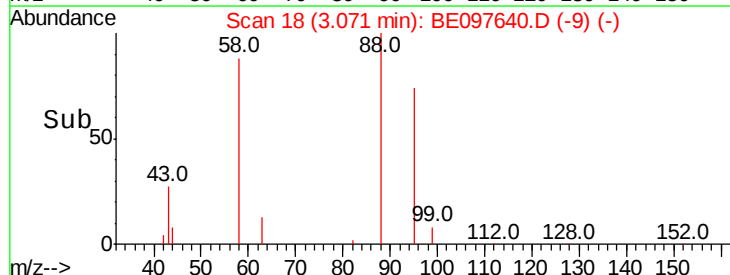
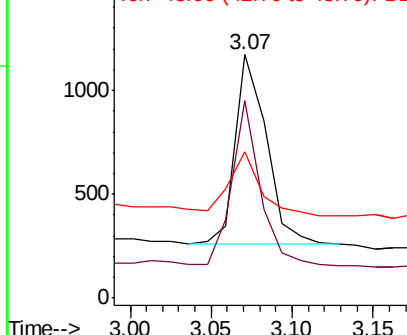
#2

1,4-Dioxane
Concen: 1.278 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.00 min
Lab File: BE097640.D
Acq: 22 Sep 2018 9:21

Tgt Ion: 88 Resp: 1220
Ion Ratio Lower Upper
88 100
58 78.3 63.2 94.8
43 34.4 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.039 ng

RT: 5.07 min Scan# 192

Delta R.T. 0.02 min

Lab File: BE097640.D

Acq: 22 Sep 2018 9:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20180911DL

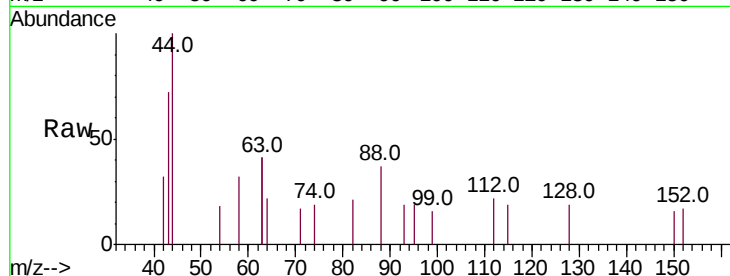
Tot Ion: 112 Resp: 71

Ion Ratio Lower Upper

112 100

64 62.0 60.1 90.1

63 163.4 116.8 175.2



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

300

250

200

150

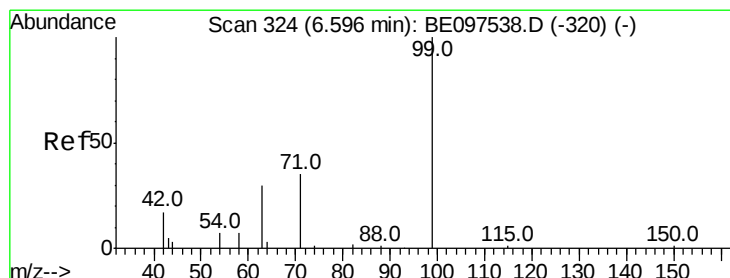
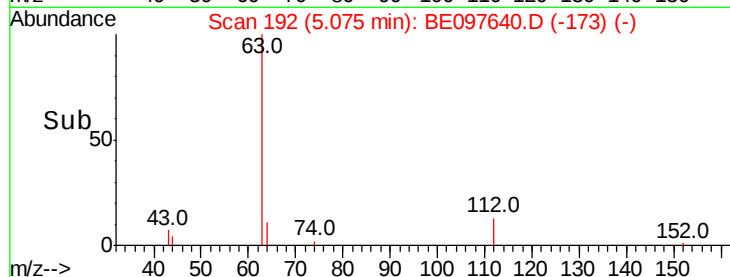
100

50

0

5.00 5.10 5.20

Time-->



#5

Phenol-d6

Concen: 0.000 ng

RT: 6.62 min Scan# 326

Delta R.T. 0.01 min

Lab File: BE097640.D

Acq: 22 Sep 2018 9:21

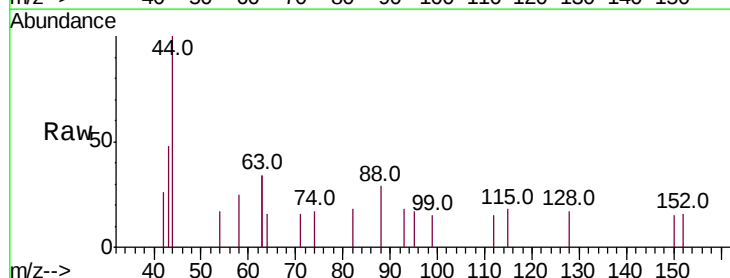
Tgt Ion: 99 Resp: 1

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

71 0.0 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

100

80

60

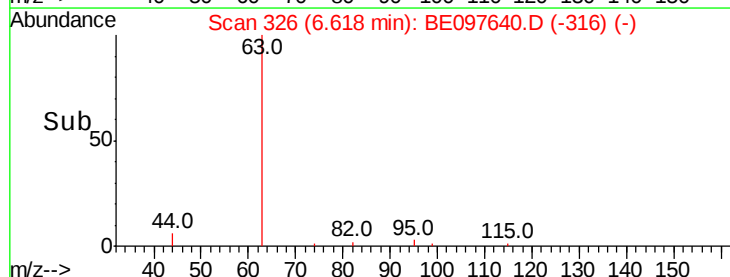
40

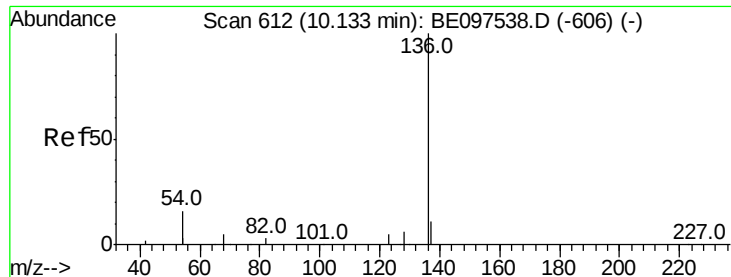
20

0

6.60 6.62 6.64

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 614

Delta R.T. 0.02 min

Lab File: BE097640.D

Acq: 22 Sep 2018 9:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20180911DL

Tot Ion:136 Resp: 2981

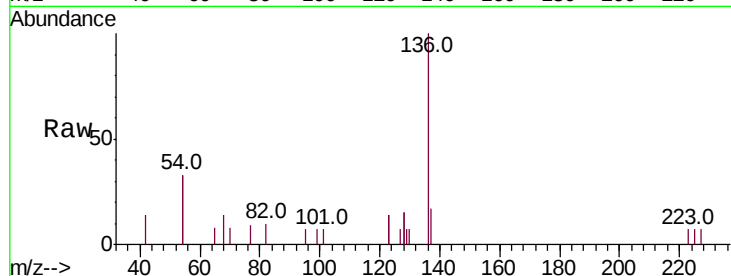
Ion Ratio Lower Upper

136 100

137 17.5 9.5 14.3#

54 65.1 29.1 43.7#

68 14.0 6.2 9.2#

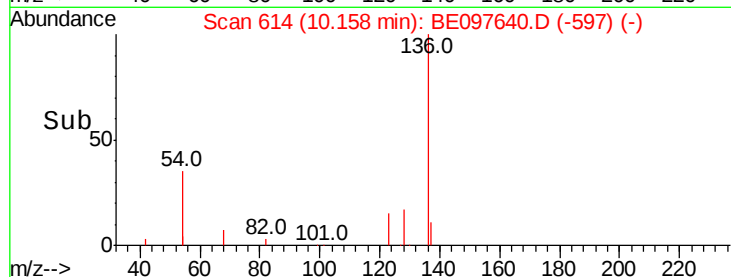


Abundance Ion 136.00 (135.70 to 136.70): E

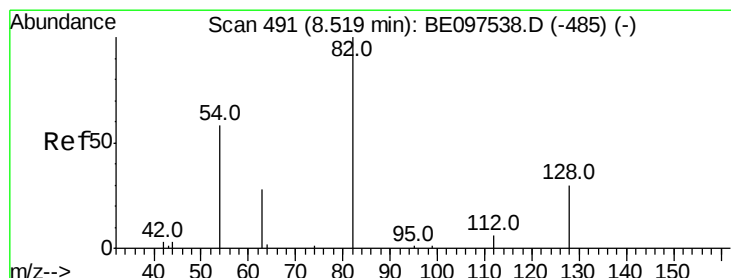
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.00 10.20



#8

Nitrobenzene-d5

Concen: 0.001 ng

RT: 8.48 min Scan# 488

Delta R.T. -0.05 min

Lab File: BE097640.D

Acq: 22 Sep 2018 9:21

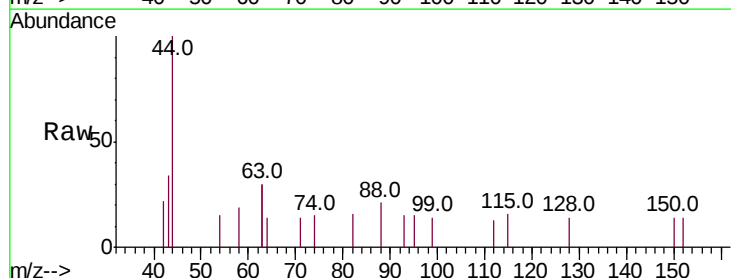
Tgt Ion: 82 Resp: 3

Ion Ratio Lower Upper

82 100

128 89.1 24.0 36.0#

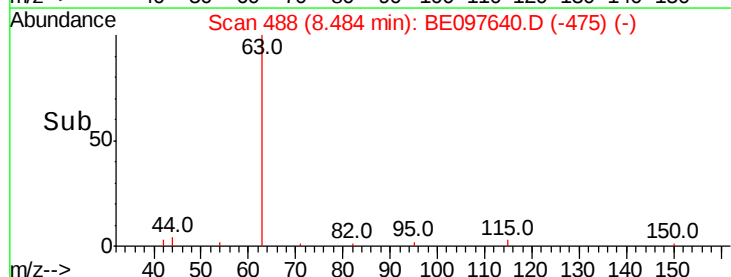
54 92.7 40.0 60.0#



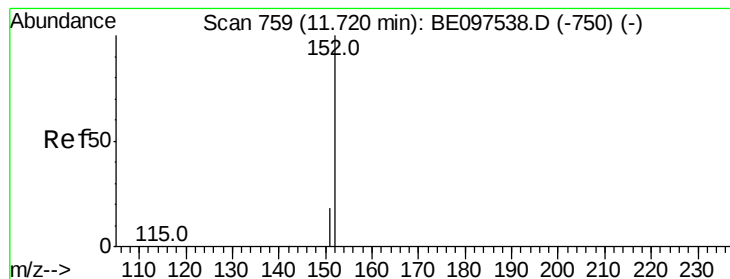
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 8.46 8.48 8.50



#11

2-Methylnaphthalene-d10

Concen: 0.035 ng

RT: 11.80 min Scan# 775

Delta R.T. 0.08 min

Lab File: BE097640.D

Acq: 22 Sep 2018 9:21

Instrument :

BNA_E

ClientSampleId :

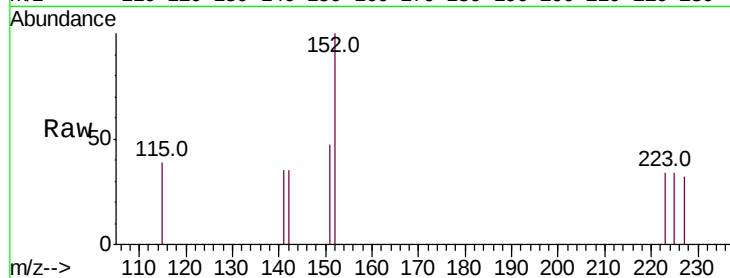
BPS1-TT-MW305I-20180911DL

Tot Ion:152 Resp: 145

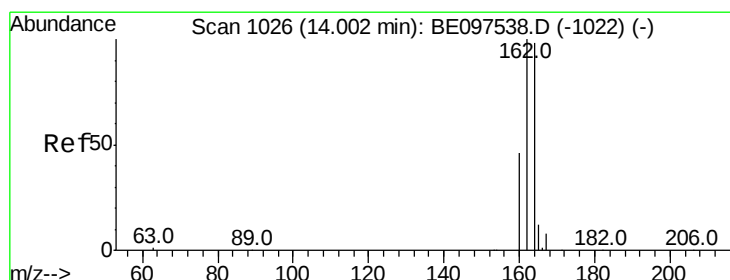
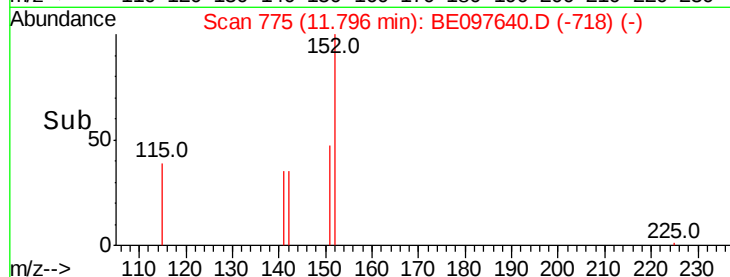
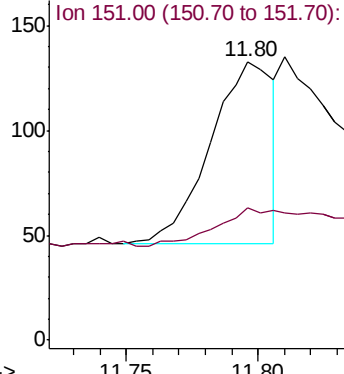
Ion Ratio Lower Upper

152 100

151 51.7 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE097640.D

Acq: 22 Sep 2018 9:21

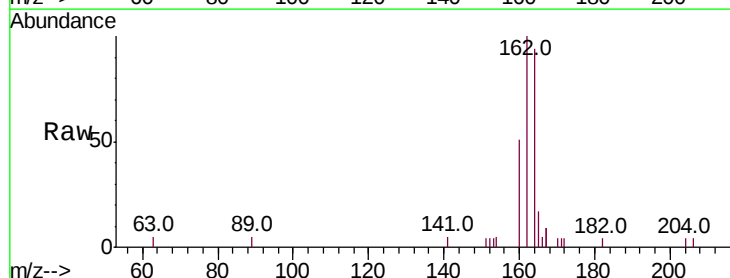
Tgt Ion:164 Resp: 2360

Ion Ratio Lower Upper

164 100

162 106.1 83.1 124.7

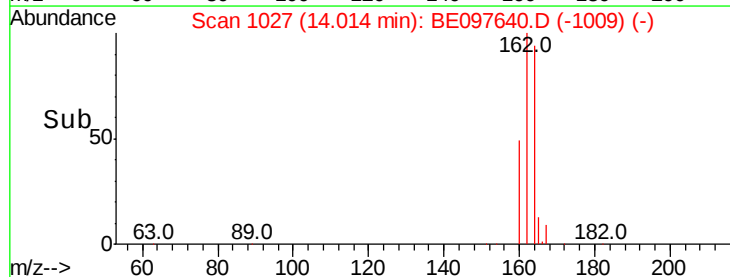
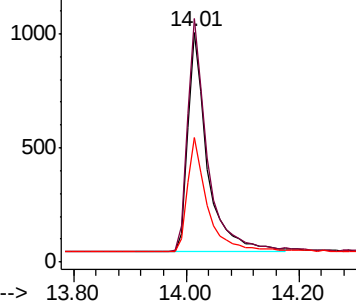
160 54.2 37.1 55.7



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

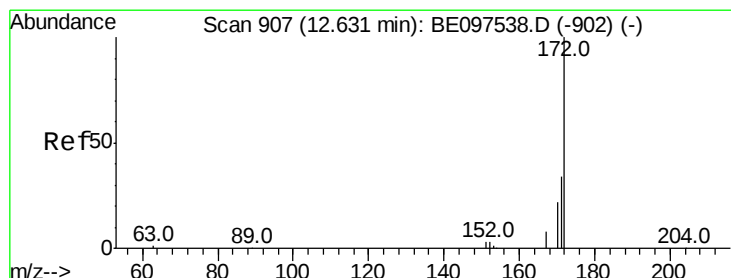
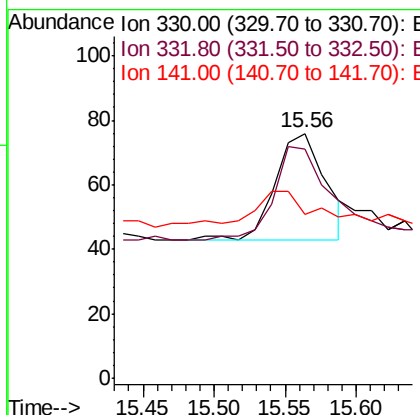
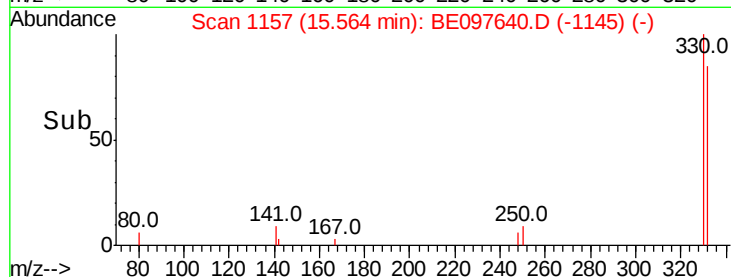
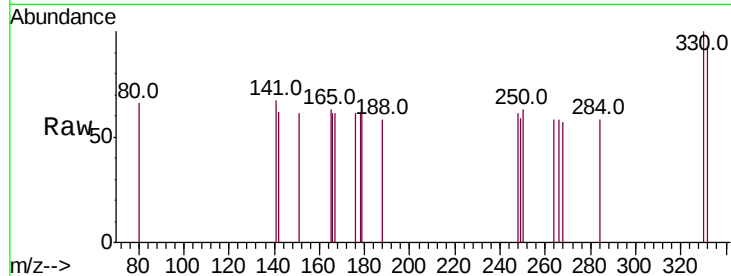




#14
 2,4,6-Tribromophenol
 Concen: 0.170 ng
 RT: 15.56 min Scan# 1157
 Delta R.T. 0.04 min
 Lab File: BE097640.D
 Acq: 22 Sep 2018 9:21

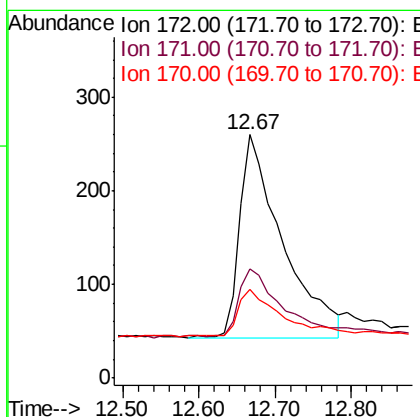
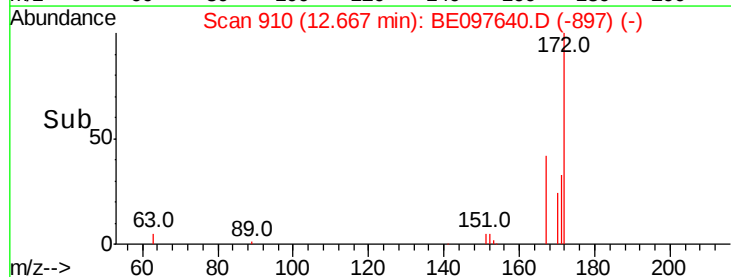
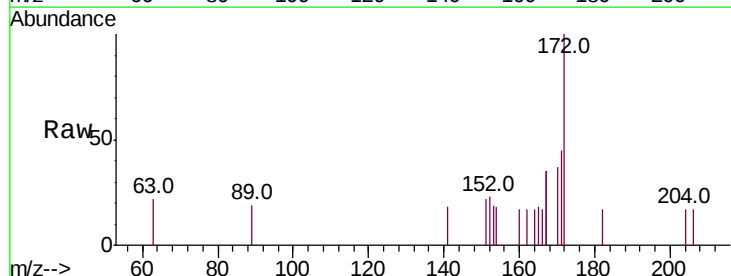
Instrument :
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 BPS1-TT-MW305I-20180911DL

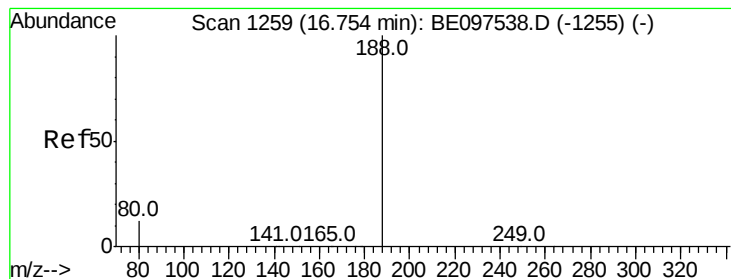
Tot Ion:330 Resp: 80
 Ion Ratio Lower Upper
 330 100
 332 88.8 152.7 229.1#
 141 0.0 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.101 ng
 RT: 12.67 min Scan# 910
 Delta R.T. 0.05 min
 Lab File: BE097640.D
 Acq: 22 Sep 2018 9:21

Tgt Ion:172 Resp: 845
 Ion Ratio Lower Upper
 172 100
 171 44.6 29.9 44.9
 170 36.5 21.8 32.8#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1261

Delta R.T. 0.02 min

Lab File: BE097640.D

Acq: 22 Sep 2018 9:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20180911DL

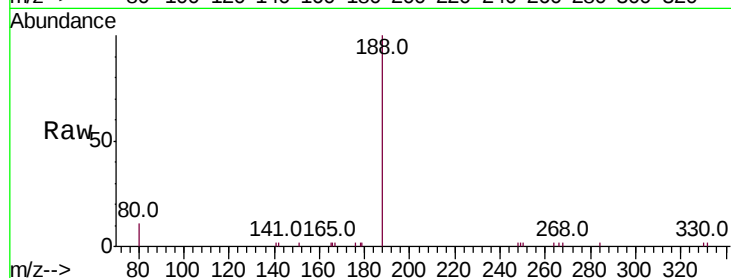
Tot Ion:188 Resp: 7655

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

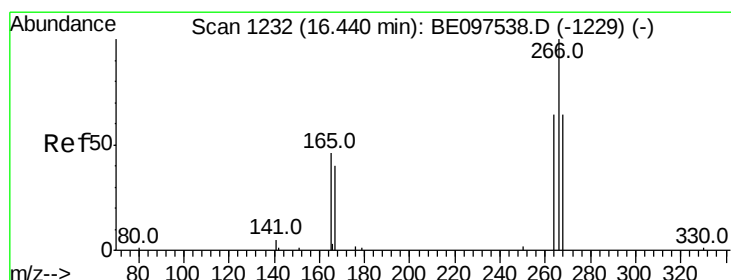
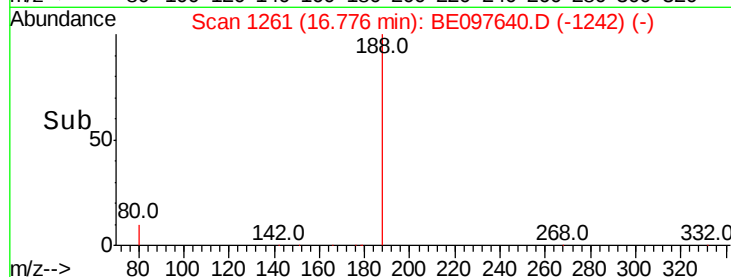
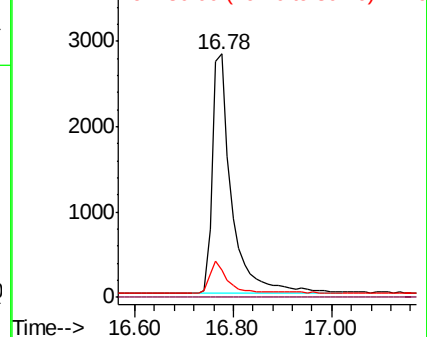
80 11.2 3.6 5.4#



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: 0.138 ng

RT: 16.47 min Scan# 1235

Delta R.T. 0.03 min

Lab File: BE097640.D

Acq: 22 Sep 2018 9:21

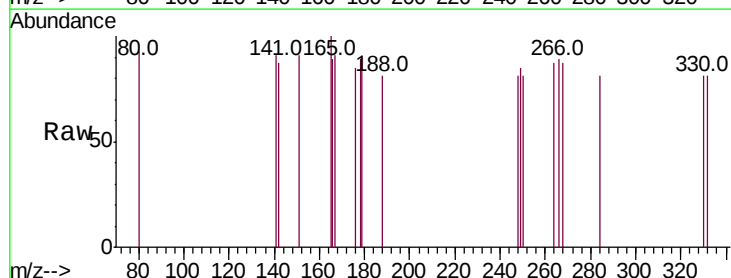
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 97.9 72.5 108.7

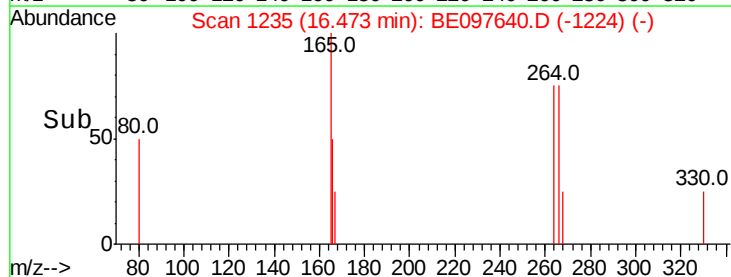
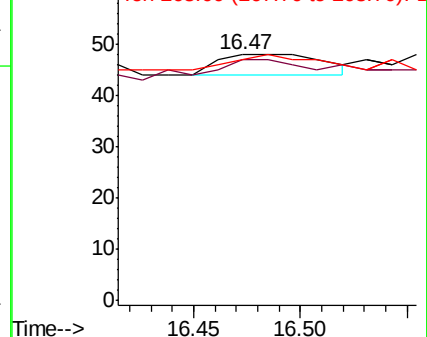
268 97.9 73.8 110.6

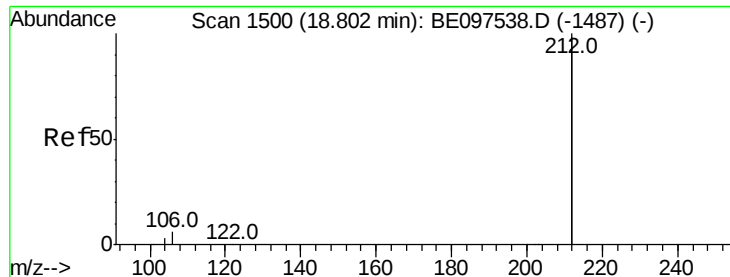


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.078 ng

RT: 18.82 min Scan# 1504

Delta R.T. 0.02 min

Lab File: BE097640.D

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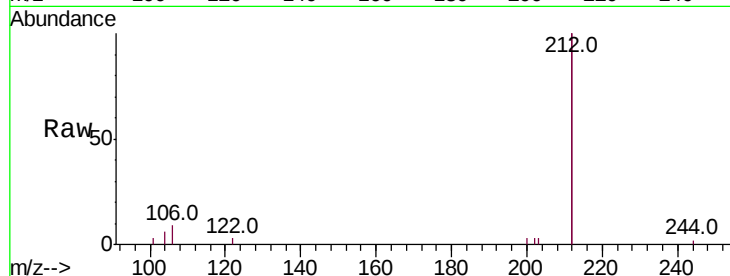
Tot Ion:212 Resp: 7628

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

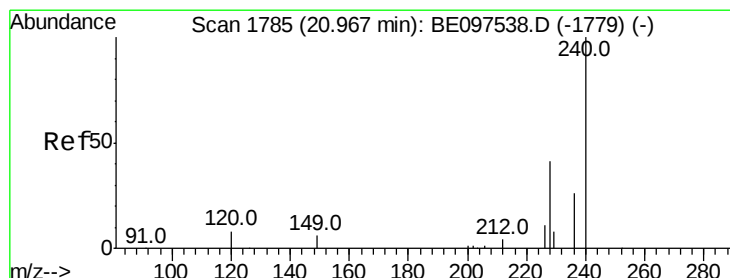
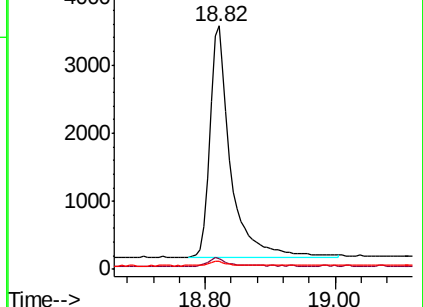
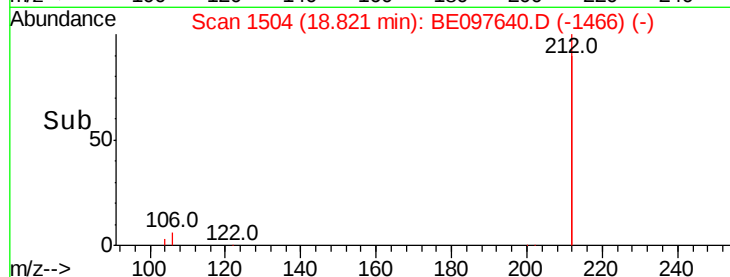
104 1.9 1.6 2.4



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: 20.98 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BE097640.D

Acq: 22 Sep 2018 9:21

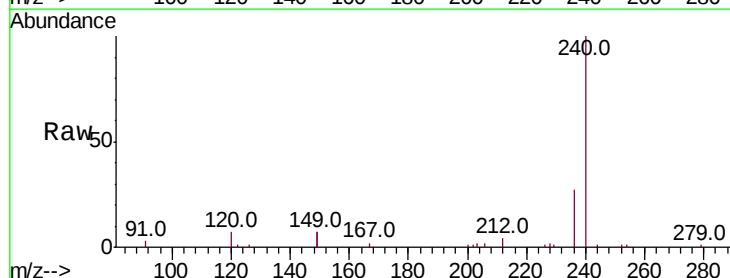
Tgt Ion:240 Resp: 7900

Ion Ratio Lower Upper

240 100

120 7.0 5.5 8.3

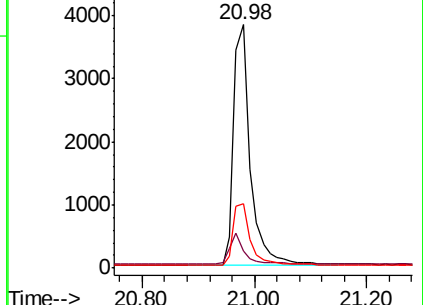
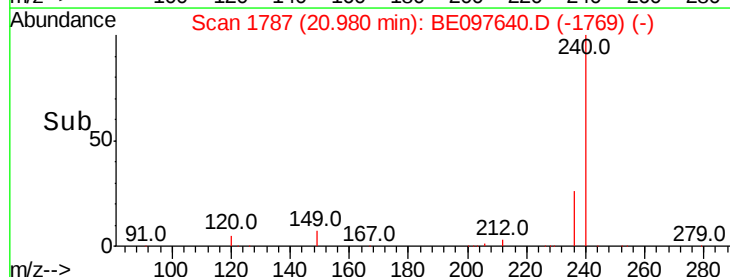
236 26.6 20.7 31.1

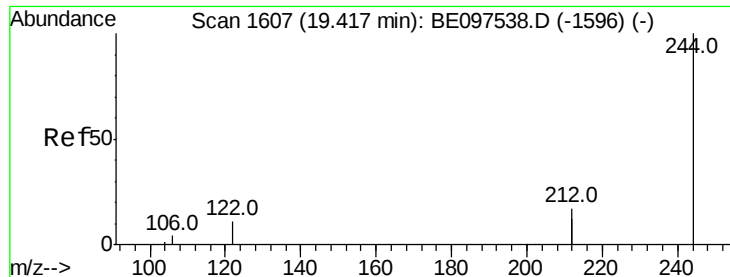


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.124 ng

RT: 19.42 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BE097640.D

Acq: 22 Sep 2018 9:21

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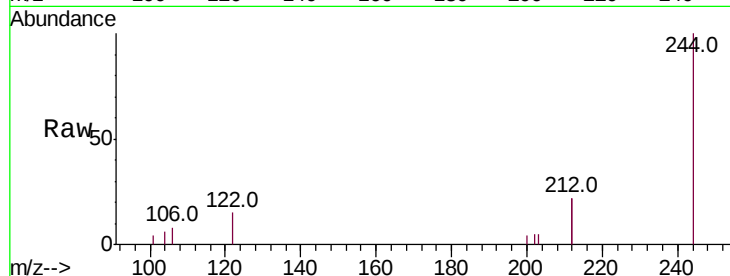
Tot Ion:244 Resp: 1794

Ion Ratio Lower Upper

244 100

212 44.4 25.4 38.0#

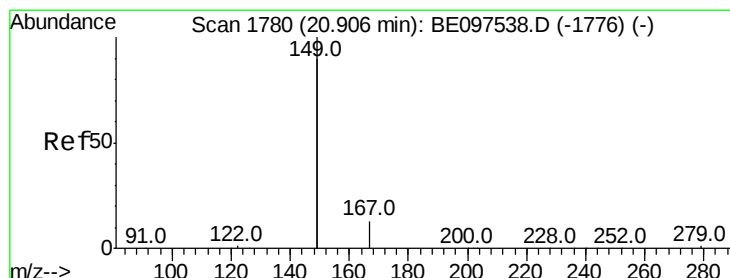
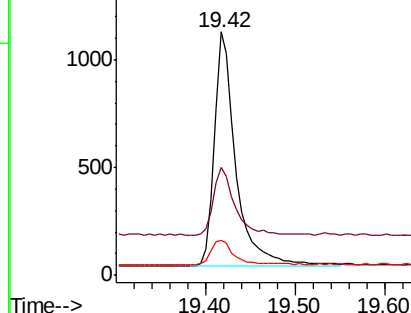
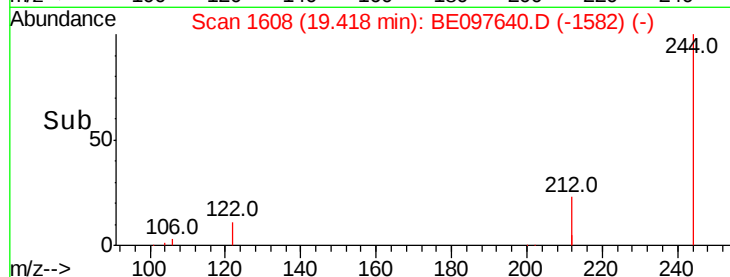
122 14.5 8.1 12.1#



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: 0.038 ng

RT: 20.90 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BE097640.D

Acq: 22 Sep 2018 9:21

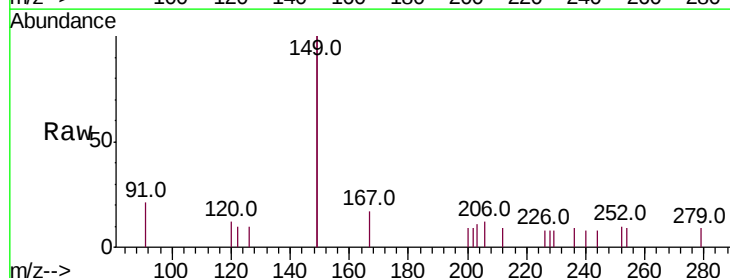
Tgt Ion:149 Resp: 904

Ion Ratio Lower Upper

149 100

167 8.6 5.4 8.0#

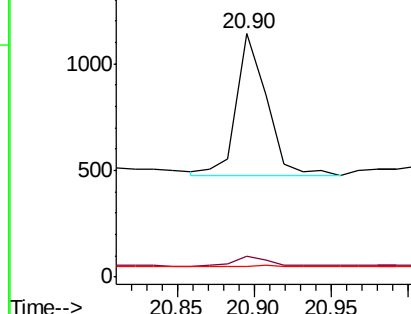
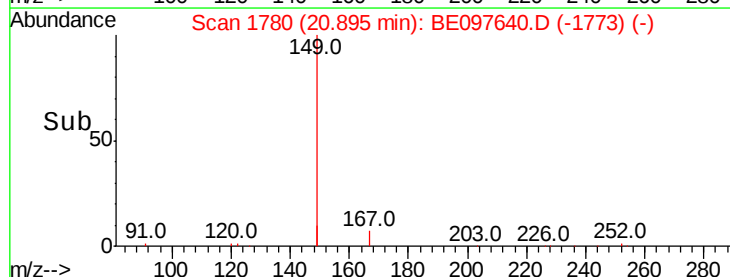
279 1.5 0.7 1.1#

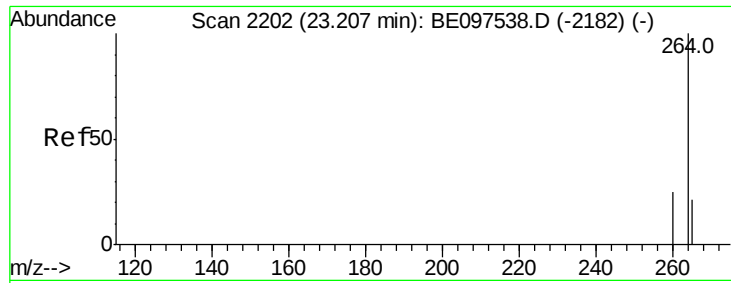


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

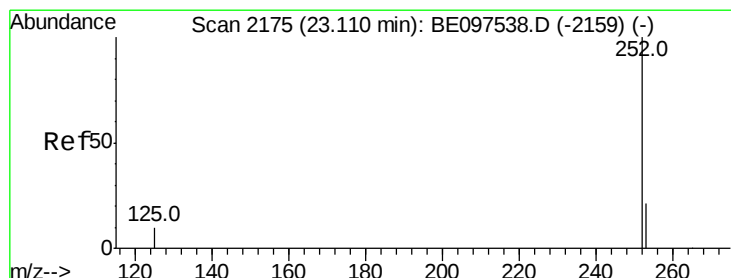
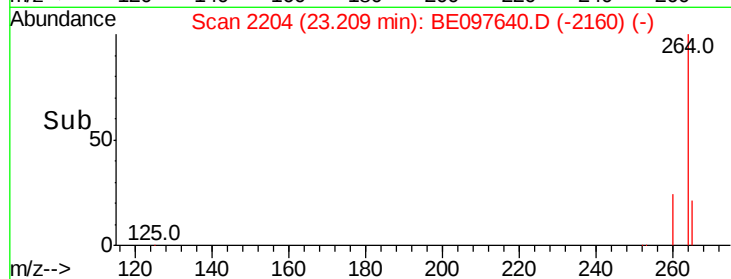
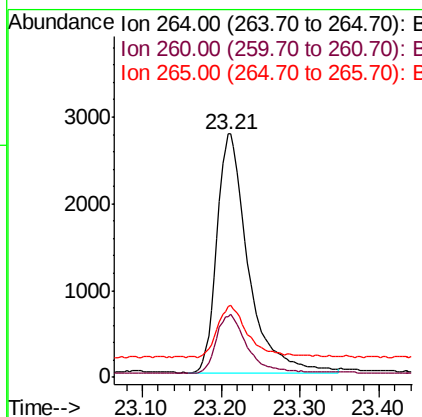
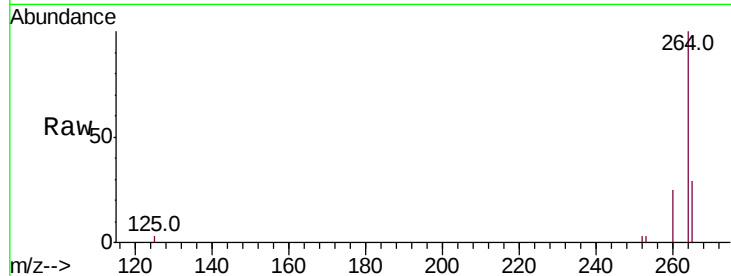




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BE097640.D
Acq: 22 Sep 2018 9:21

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305I-20180911DL

Tot Ion:264 Resp: 7606
Ion Ratio Lower Upper
264 100
260 25.0 20.5 30.7
265 28.9 22.8 34.2



#37
Benzo(a)pyrene
Concen: 0.021 ng
RT: 23.11 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BE097640.D
Acq: 22 Sep 2018 9:21

Tgt Ion:252 Resp: 2
Ion Ratio Lower Upper
252 100
253 134.7 16.0 24.0#
125 130.7 12.0 18.0#

