

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097521.D
 Acq On : 18 Sep 2018 7:31
 Operator : SJ/JU
 Sample : J4857-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-180910

Quant Time: Sep 18 08:09:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 17 18:57:11 2018
 Response via : Initial Calibration

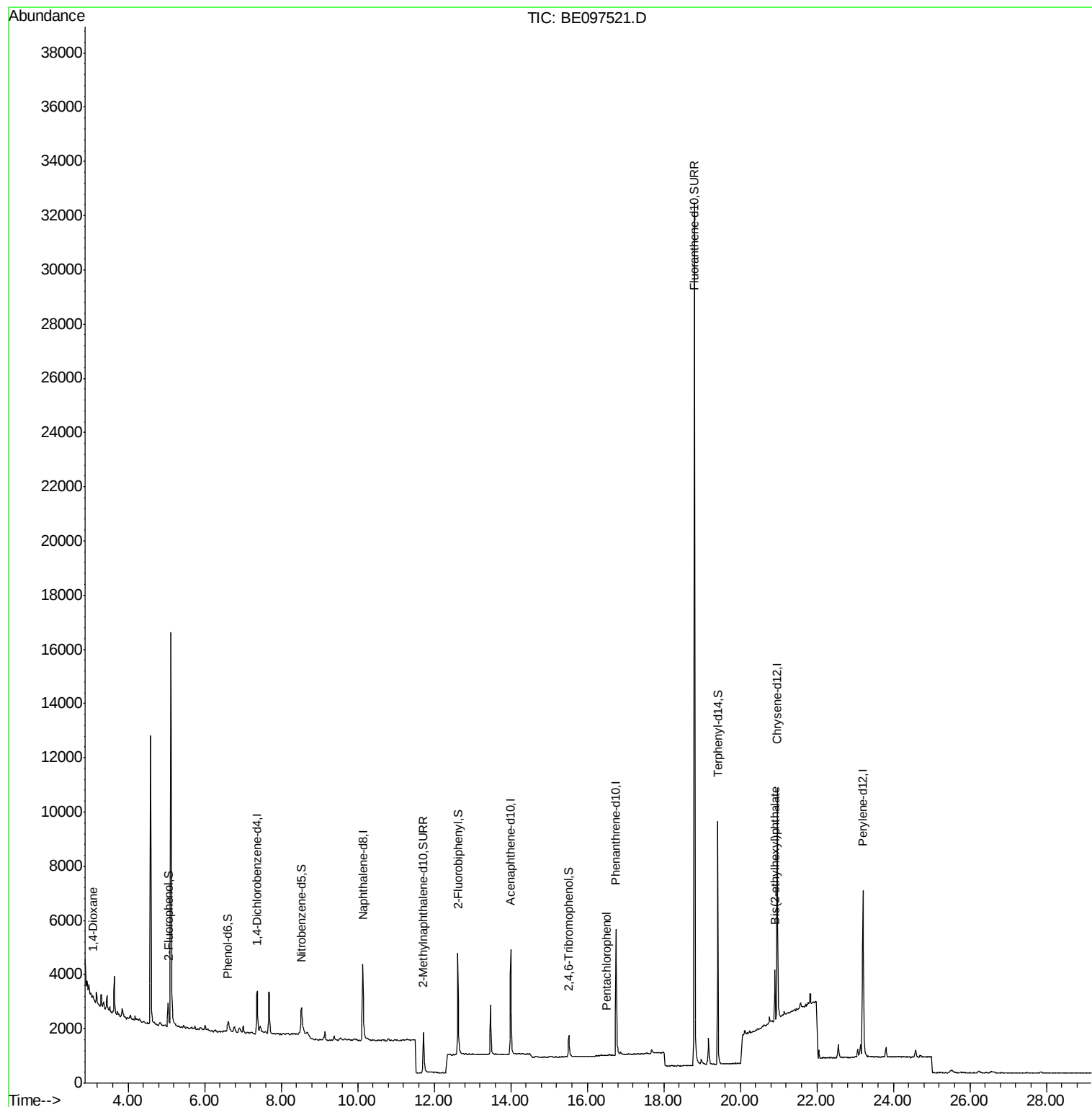
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	925	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4197	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2470	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7000	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	8721	0.40	ng	0.00
34) Perylene-d12	23.21	264	8910	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	634	0.20	ng	0.00
5) Phenol-d6	6.61	99	442	0.11	ng	0.00
8) Nitrobenzene-d5	8.53	82	1490	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	11.71	152	2784	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	566	0.43	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	4393	0.51	ng	0.00
25) Fluoranthene-d10	18.80	212	43754	0.52	ng	0.00
29) Terphenyl-d14	19.41	244	8047	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	91	0.057	ng	# 1
22) Pentachlorophenol	16.50	266	5	0.050	ng	94
32) Bis(2-ethylhexyl)phthalate	20.91	149	2326	0.048	ng	# 100

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

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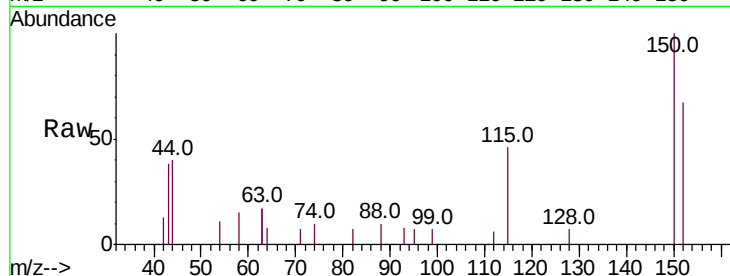


#1

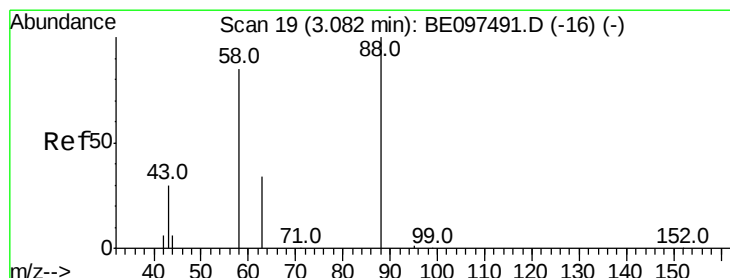
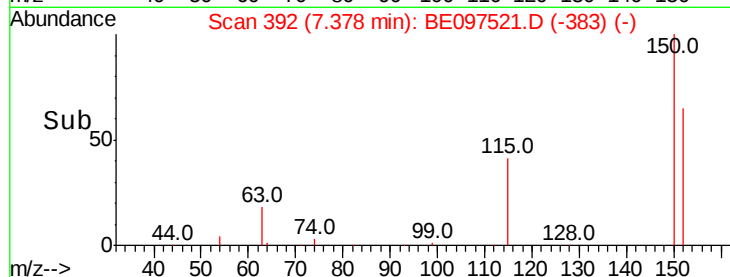
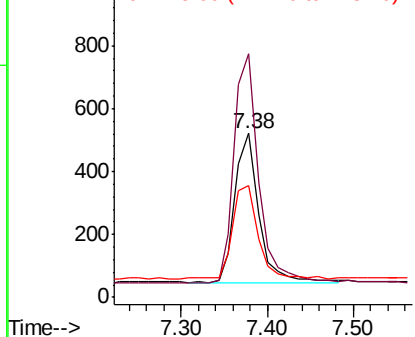
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097521.D
Acq: 18 Sep 2018 7:31

Instrument :
BNA_E
ClientSampleId :
KY038PS034-180910

Tot Ion:152 Resp: 925
Ion Ratio Lower Upper
152 100
150 148.3 117.2 175.8
115 68.2 57.0 85.6



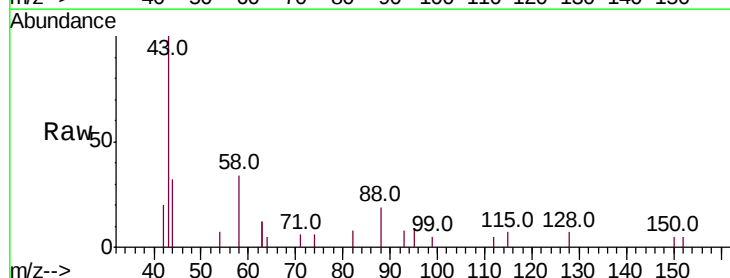
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



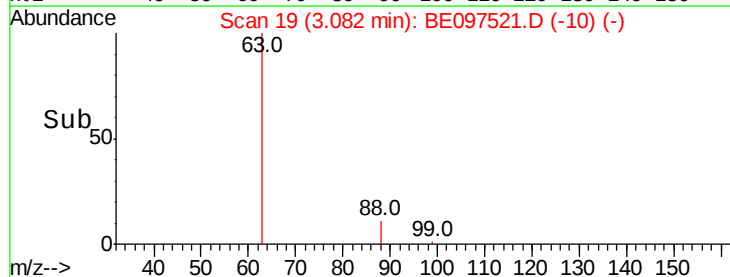
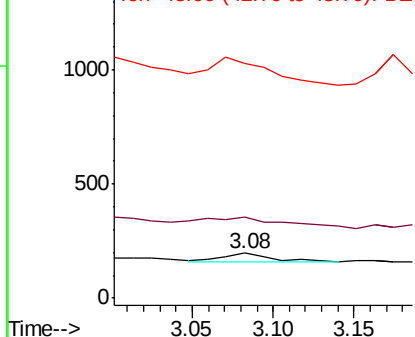
#2

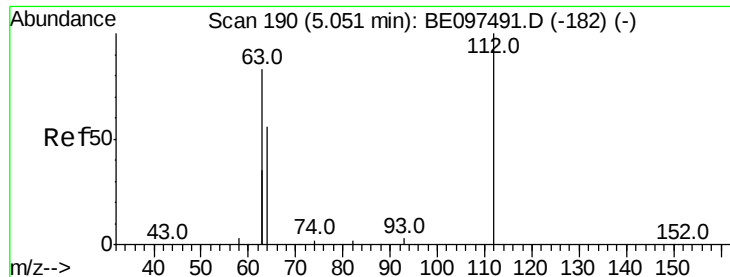
1,4-Dioxane
Concen: 0.057 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097521.D
Acq: 18 Sep 2018 7:31

Tgt Ion: 88 Resp: 91
Ion Ratio Lower Upper
88 100
58 119.8 63.2 94.8#
43 315.4 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: 0.202 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097521.D

Acq: 18 Sep 2018 7:31

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180910

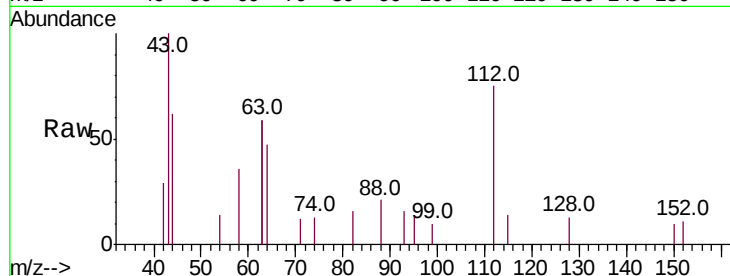
Tot Ion:112 Resp: 634

Ion Ratio Lower Upper

112 100

64 72.9 60.1 90.1

63 131.1 116.8 175.2



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

800

600

400

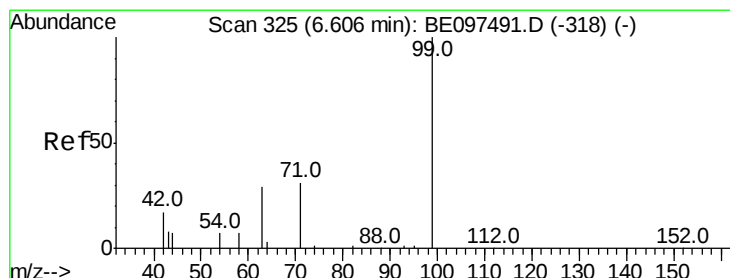
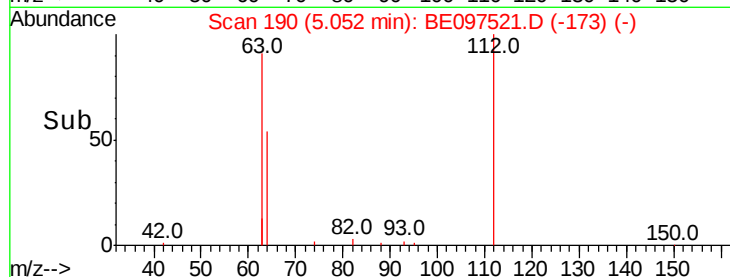
200

0

5.05

4.90 5.00 5.10 5.20

Time-->



#5

Phenol-d6

Concen: 0.111 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.00 min

Lab File: BE097521.D

Acq: 18 Sep 2018 7:31

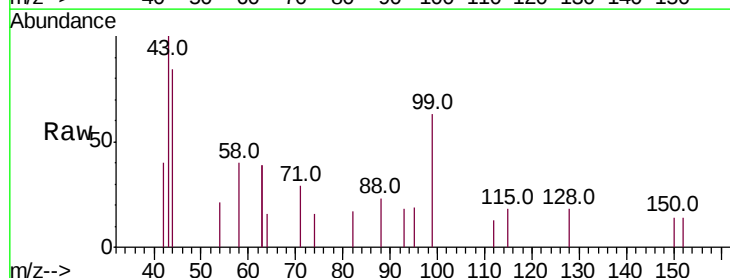
Tgt Ion: 99 Resp: 442

Ion Ratio Lower Upper

99 100

42 19.0 20.2 30.2#

71 29.4 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

300

250

200

150

100

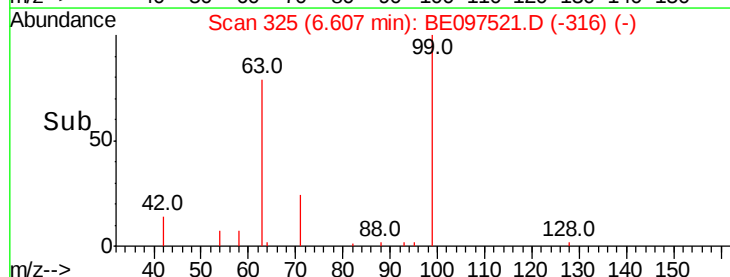
50

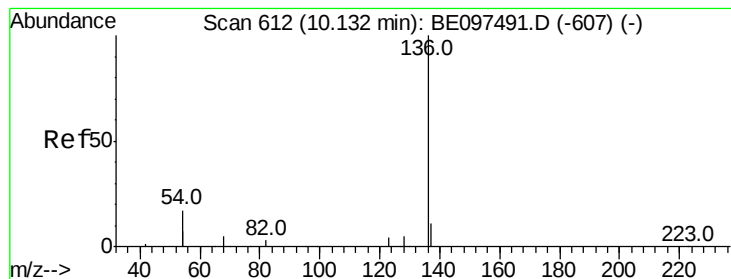
0

6.61

6.50 6.55 6.60 6.65 6.70

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097521.D

Acq: 18 Sep 2018 7:31

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180910

Tot Ion:136 Resp: 4197

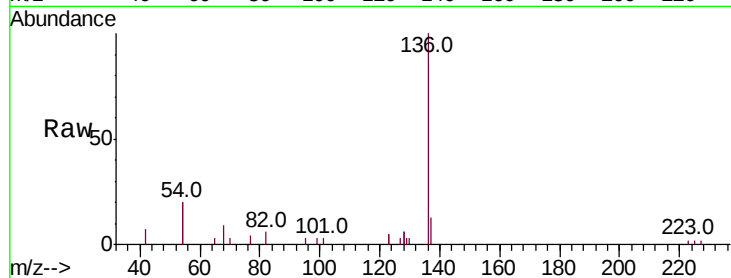
Ion Ratio Lower Upper

136 100

137 13.2 9.5 14.3

54 39.3 29.1 43.7

68 9.2 6.2 9.2

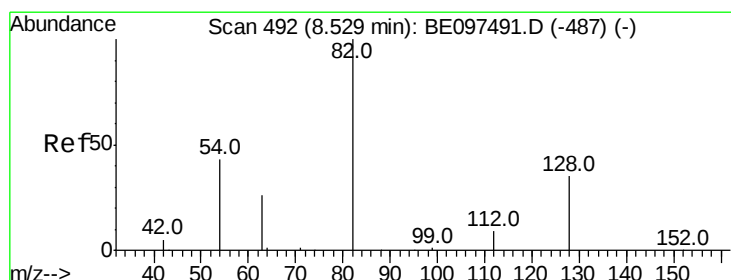
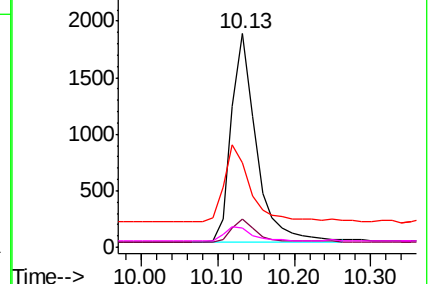
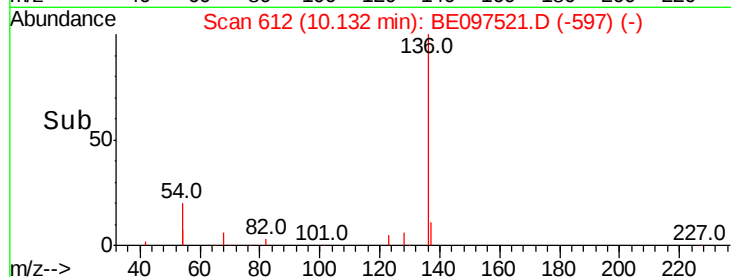


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.441 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE097521.D

Acq: 18 Sep 2018 7:31

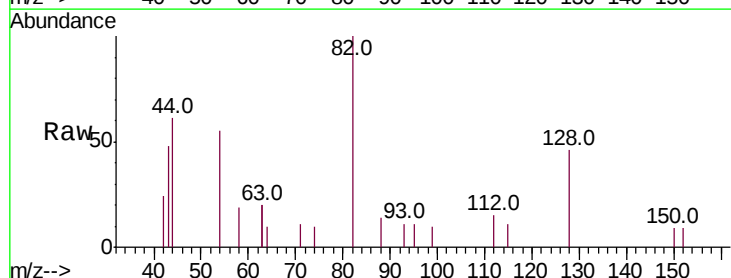
Tgt Ion: 82 Resp: 1490

Ion Ratio Lower Upper

82 100

128 45.6 24.0 36.0#

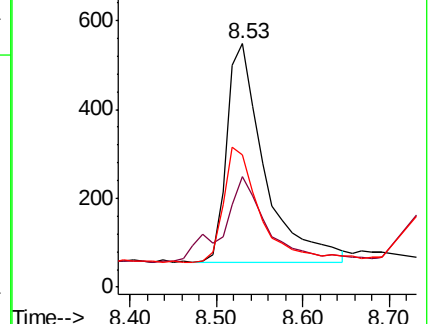
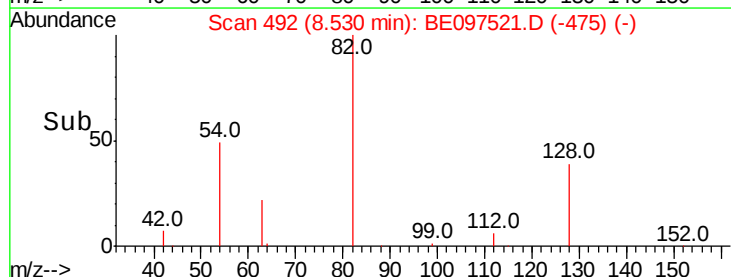
54 54.6 40.0 60.0

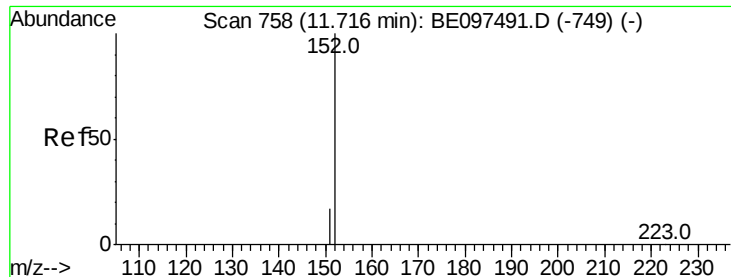


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

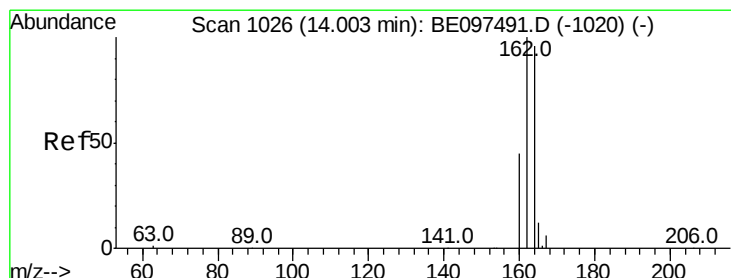
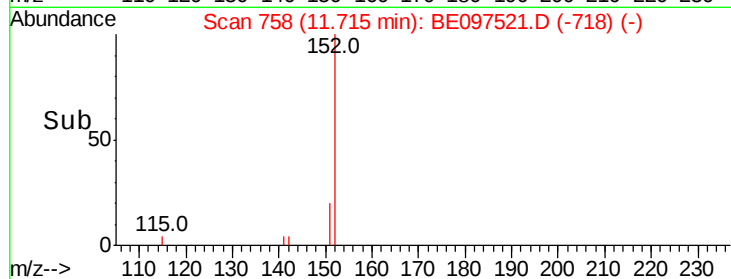
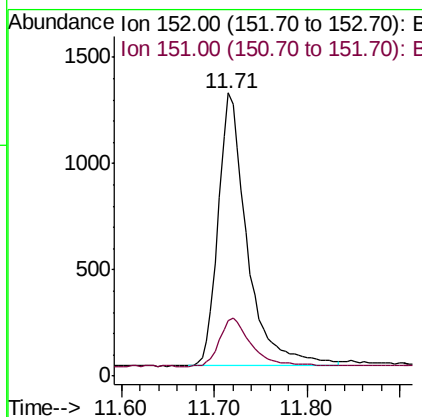
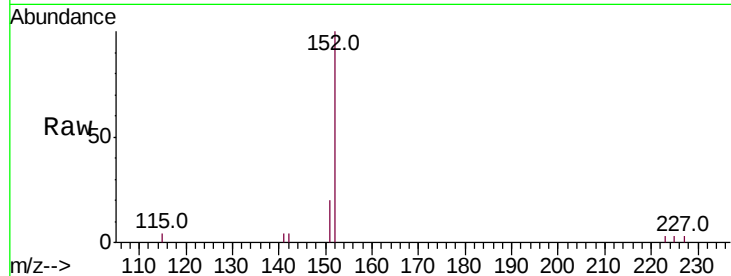




#11
2-Methylnaphthalene-d10
Concen: 0.464 ng
RT: 11.71 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE097521.D
Acq: 18 Sep 2018 7:31

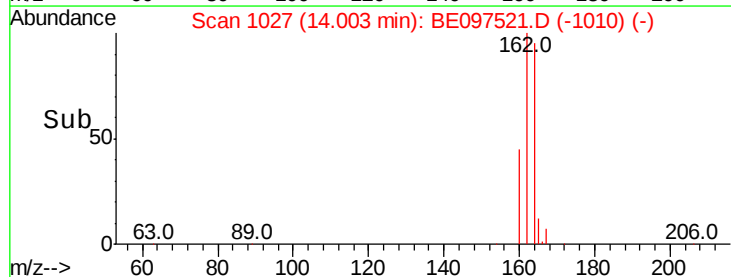
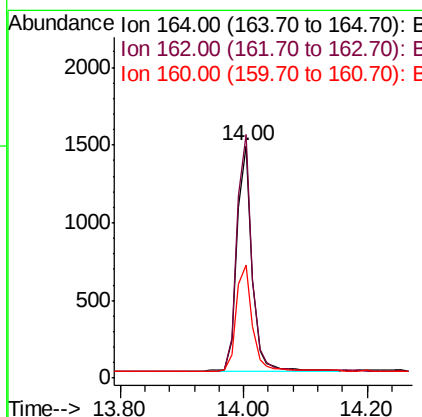
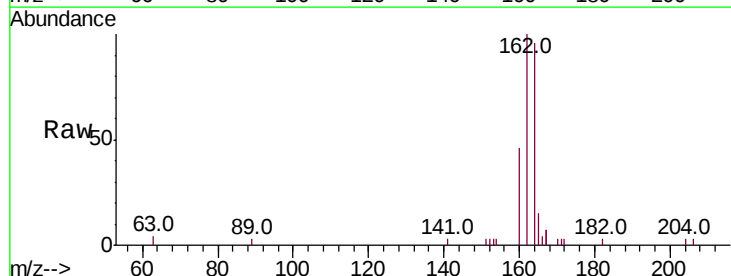
Instrument :
BNA_E
ClientSampleId :
KY038PS034-180910

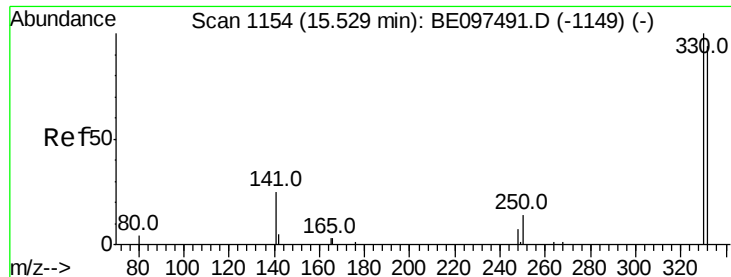
Tot Ion:152 Resp: 2784
Ion Ratio Lower Upper
152 100
151 18.8 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097521.D
Acq: 18 Sep 2018 7:31

Tgt Ion:164 Resp: 2470
Ion Ratio Lower Upper
164 100
162 104.7 83.1 124.7
160 48.5 37.1 55.7

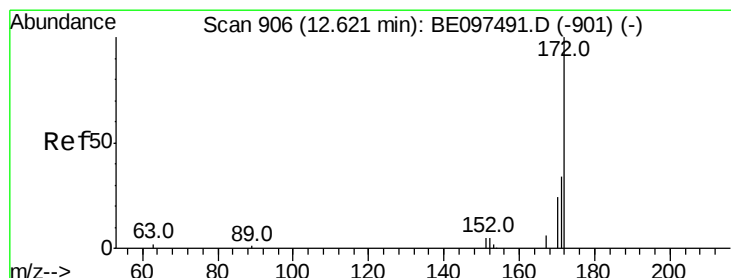
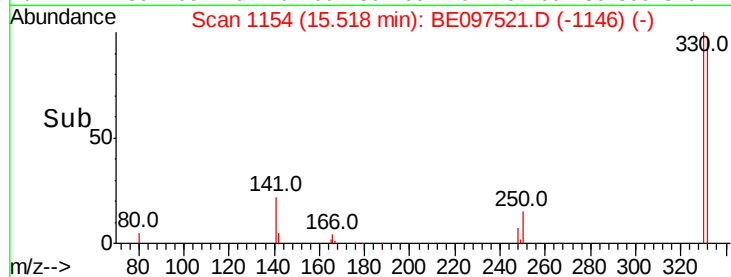
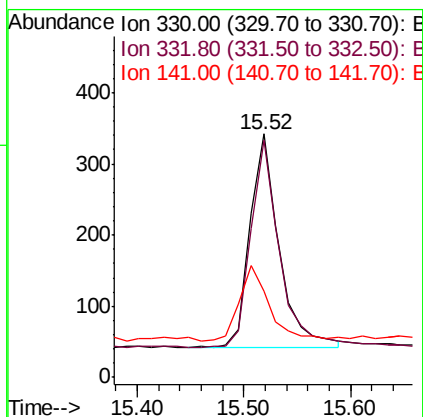
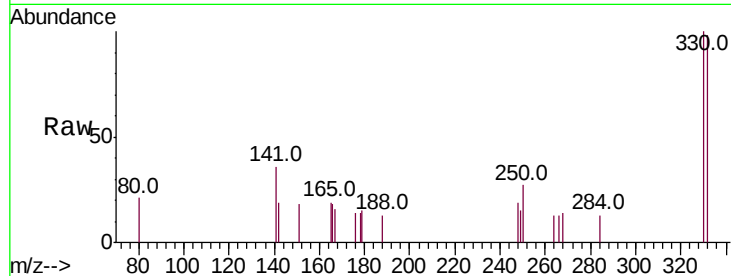




#14
 2,4,6-Tribromophenol
 Concen: 0.434 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BE097521.D
 Acq: 18 Sep 2018 7:31

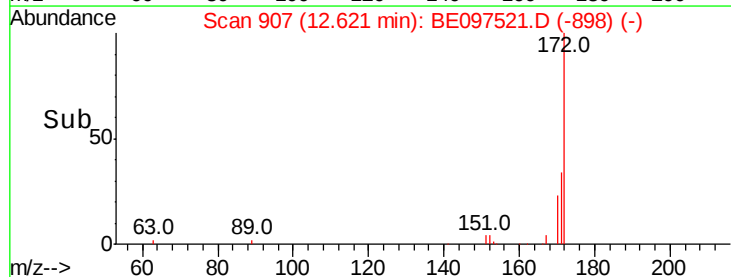
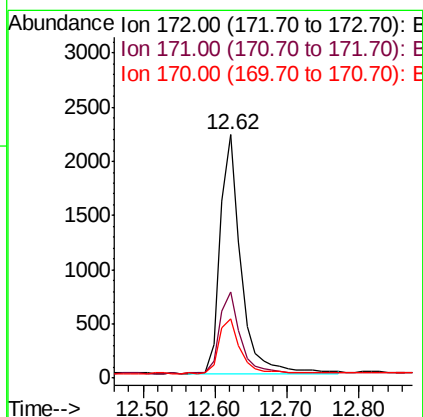
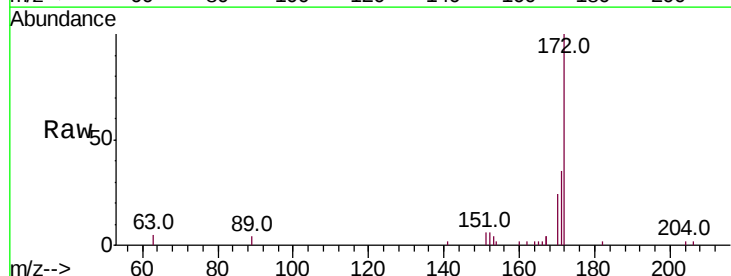
Instrument :
 BNA_E
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 KY038PS034-180910

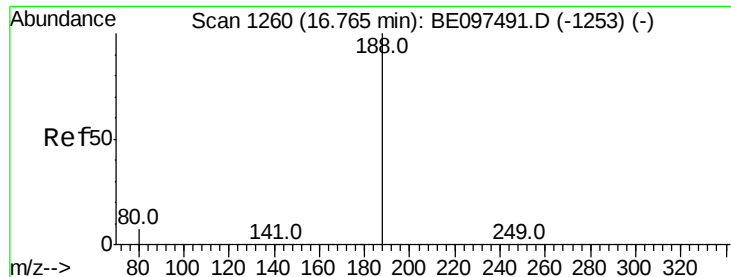
Tot Ion:330 Resp: 566
 Ion Ratio Lower Upper
 330 100
 332 95.6 152.7 229.1#
 141 35.9 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.509 ng
 RT: 12.62 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BE097521.D
 Acq: 18 Sep 2018 7:31

Tgt Ion:172 Resp: 4393
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.9 44.9
 170 24.2 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BE097521.D

Acq: 18 Sep 2018 7:31

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180910

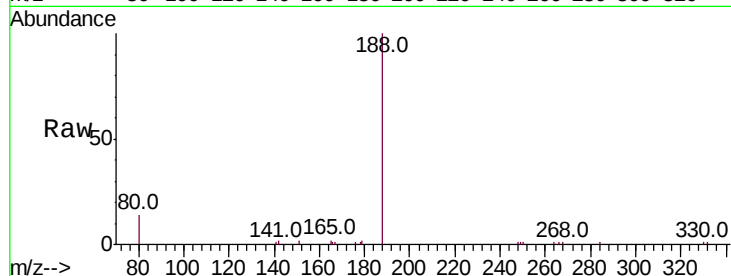
Tot Ion:188 Resp: 7000

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

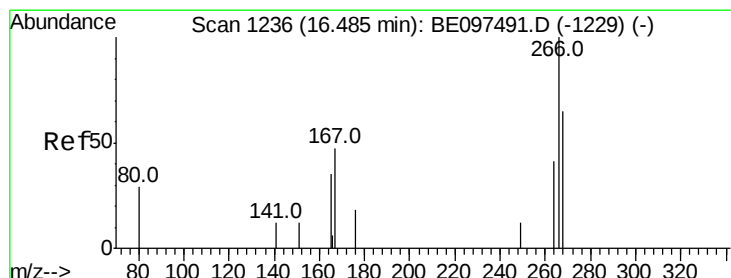
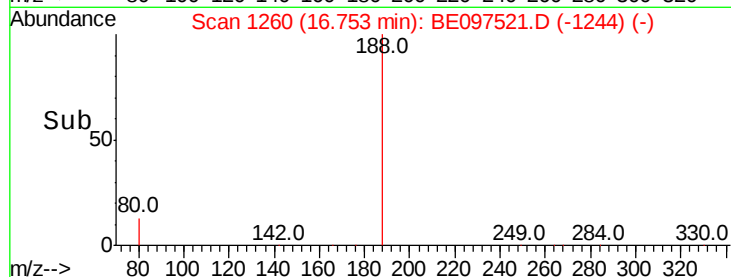
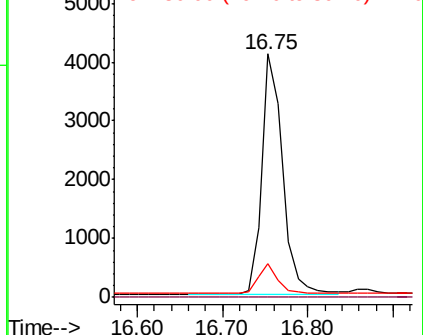
80 14.1 3.6 5.4#



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: 0.050 ng

RT: 16.50 min Scan# 1238

Delta R.T. 0.01 min

Lab File: BE097521.D

Acq: 18 Sep 2018 7:31

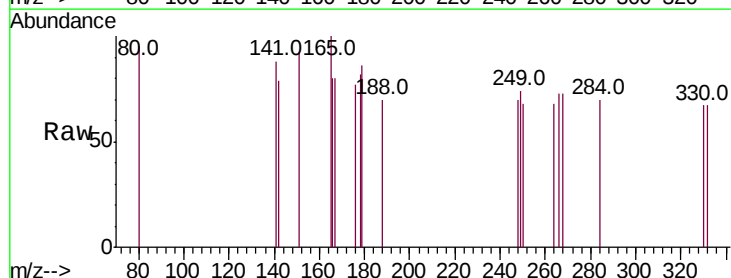
Tgt Ion:266 Resp: 5

Ion Ratio Lower Upper

266 100

264 93.8 72.5 108.7

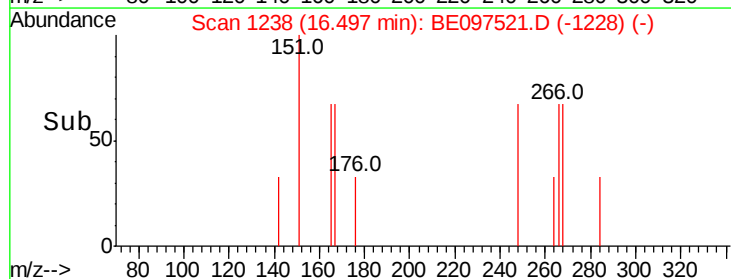
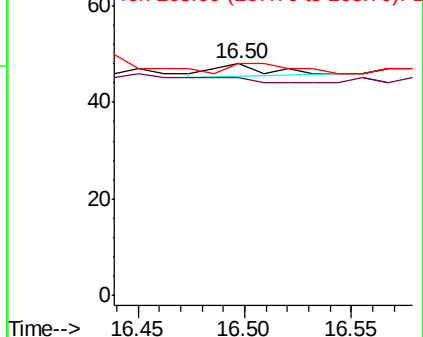
268 100.0 73.8 110.6

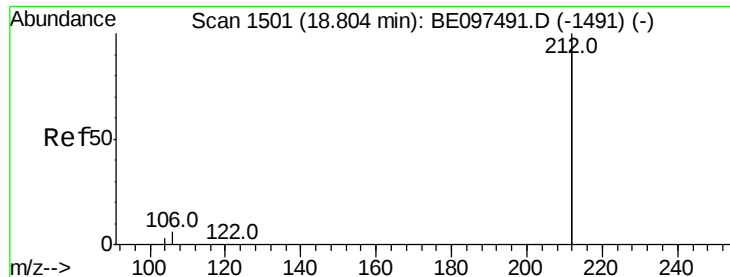


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.520 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE097521.D

Acq: 18 Sep 2018 7:31

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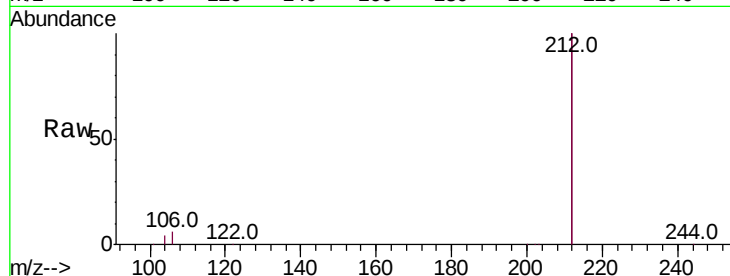
Tot Ion:212 Resp: 43754

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

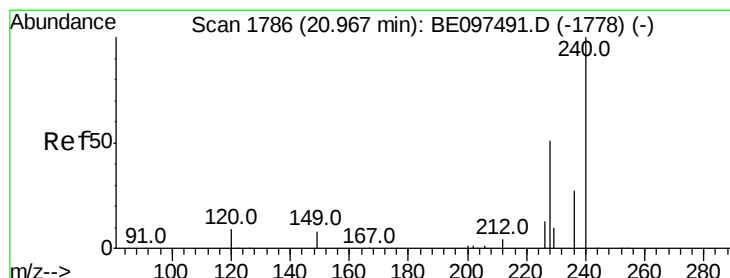
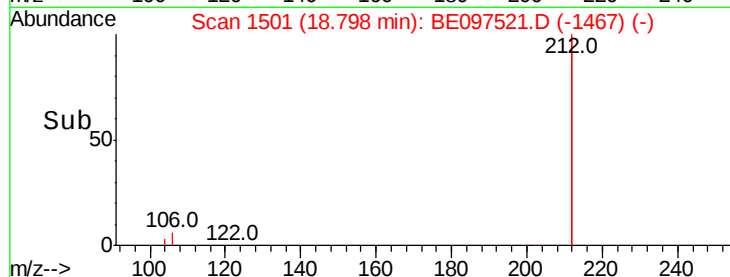
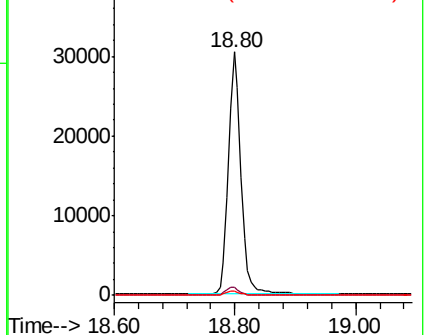
104 1.8 1.6 2.4



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097521.D

Acq: 18 Sep 2018 7:31

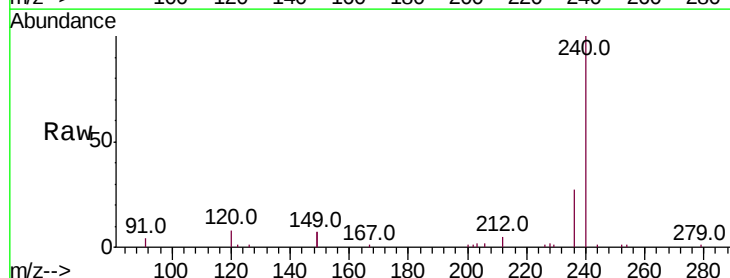
Tgt Ion:240 Resp: 8721

Ion Ratio Lower Upper

240 100

120 8.4 5.5 8.3#

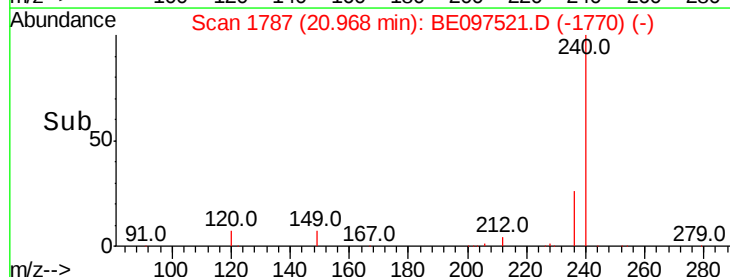
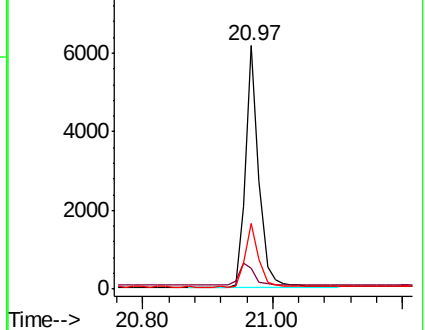
236 26.9 20.7 31.1

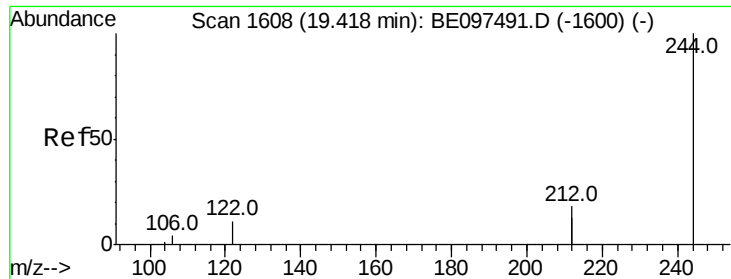


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.482 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BE097521.D

Acq: 18 Sep 2018 7:31

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180910

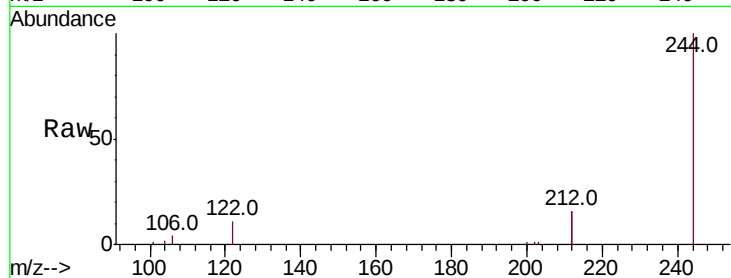
Tot Ion:244 Resp: 8047

Ion Ratio Lower Upper

244 100

212 31.4 25.4 38.0

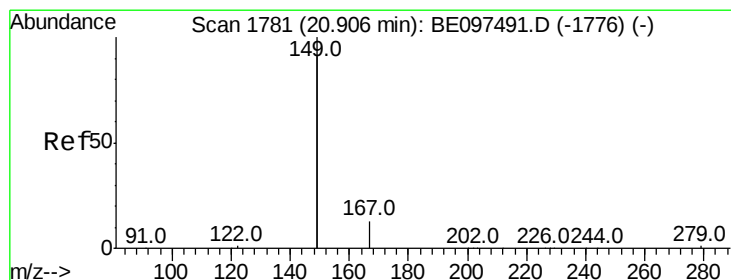
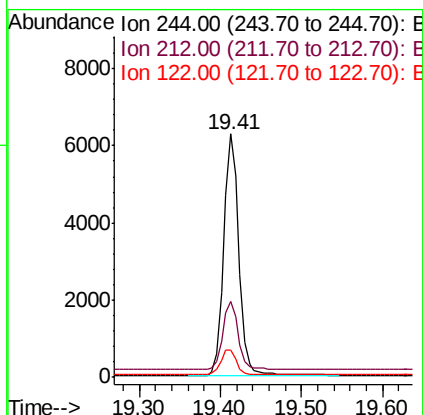
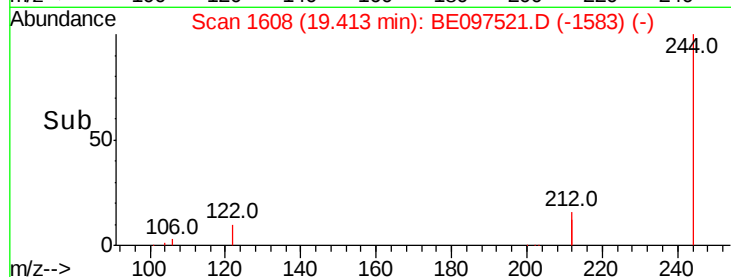
122 11.2 8.1 12.1



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: 0.048 ng

RT: 20.91 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097521.D

Acq: 18 Sep 2018 7:31

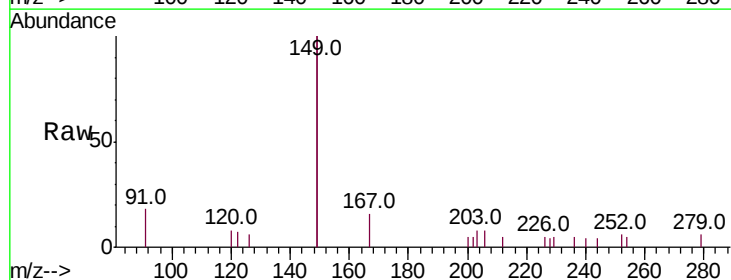
Tgt Ion:149 Resp: 2326

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

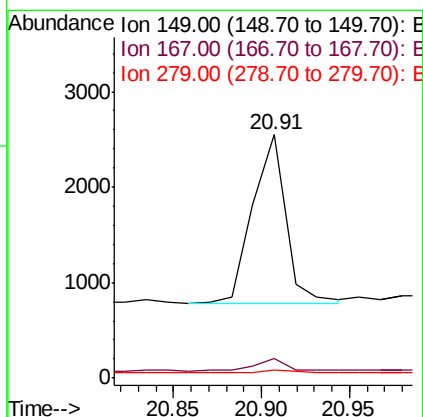
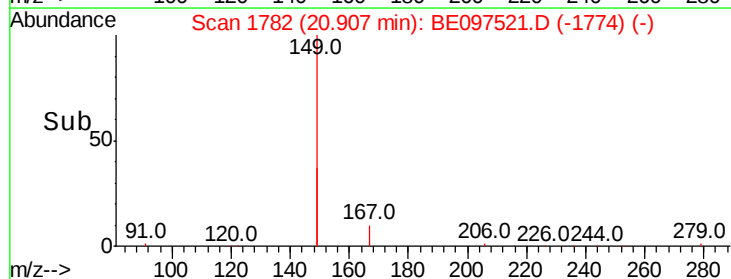
279 1.1 0.7 1.1#

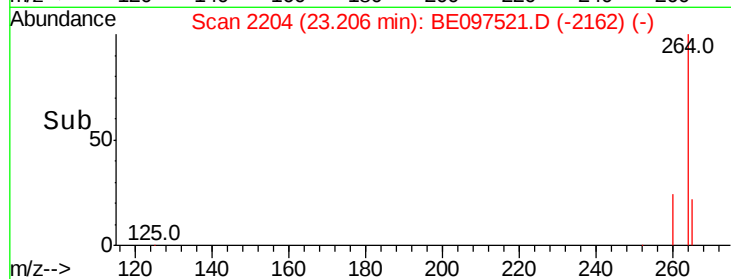
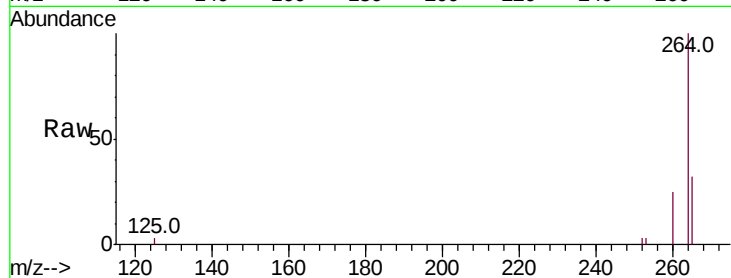
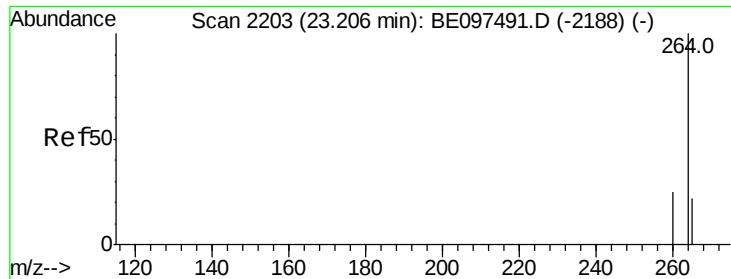


Abundance Ion 149.00 (148.70 to 149.70): E

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. -0.00 min

Lab File: BE097521.D

Acq: 18 Sep 2018 7:31

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180910

Tot Ion: 264 Resp: 8910

Ion Ratio Lower Upper

264 100

260 25.1 20.5 30.7

265 31.9 22.8 34.2

