

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097519.D
 Acq On : 18 Sep 2018 6:16
 Operator : SJ/JU
 Sample : J4857-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-180910

Quant Time: Sep 18 07:17:11 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

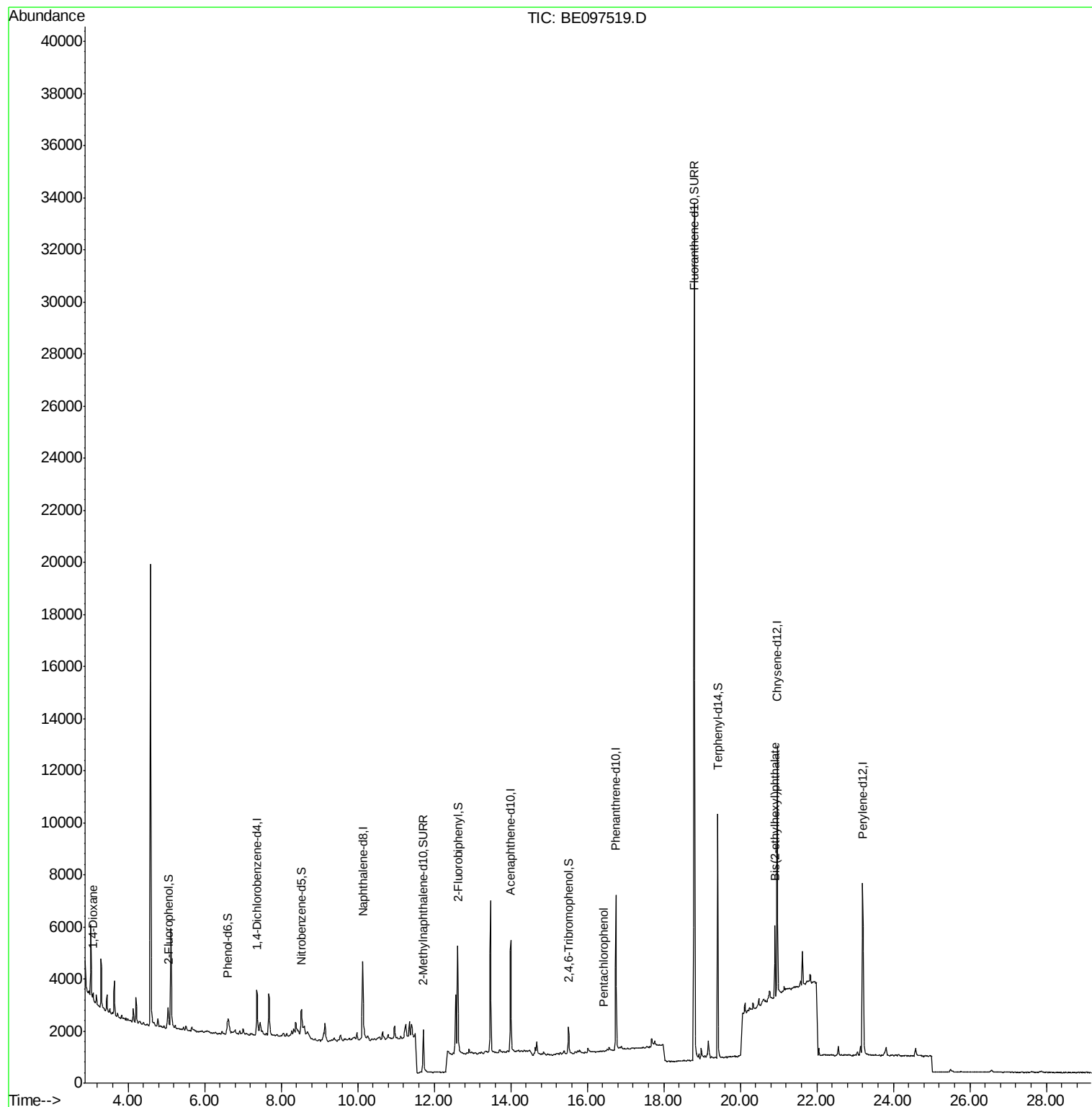
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	947	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4533	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2803	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7756	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	9166	0.40	ng	0.00
34) Perylene-d12	23.20	264	9370	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	634	0.20	ng	0.00
5) Phenol-d6	6.60	99	465	0.11	ng	0.00
8) Nitrobenzene-d5	8.53	82	1533	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.71	152	2842	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.51	330	641	0.43	ng	-0.02
15) 2-Fluorobiphenyl	12.62	172	4630	0.47	ng	0.00
25) Fluoranthene-d10	18.80	212	44573	0.48	ng	0.00
29) Terphenyl-d14	19.41	244	8021	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	182	0.111	ng	Qvalue # 31
22) Pentachlorophenol	16.43	266	18	0.077	ng	94
32) Bis(2-ethylhexyl)phthalate	20.91	149	3182	0.062	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: BE097519.D

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Instrument :

BNA_E

ClientSampleId :

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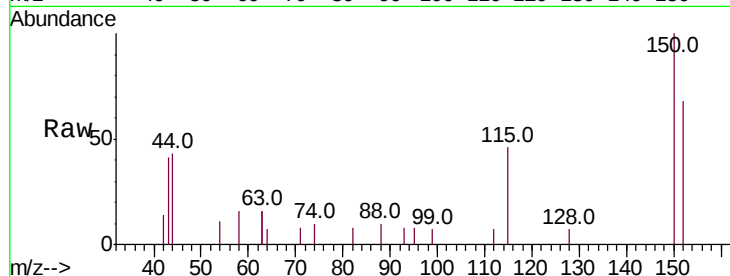
Tot Ion:152 Resp: 947

Ion Ratio Lower Upper

152 100

150 147.0 117.2 175.8

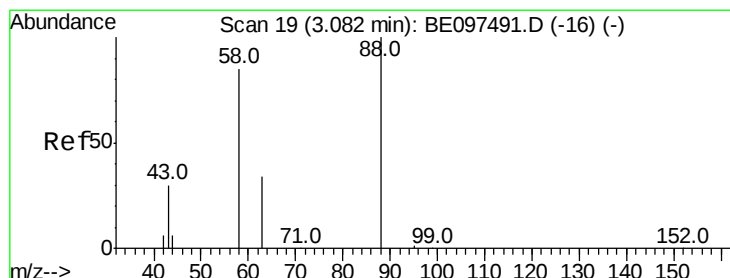
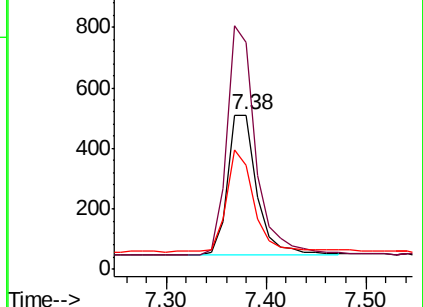
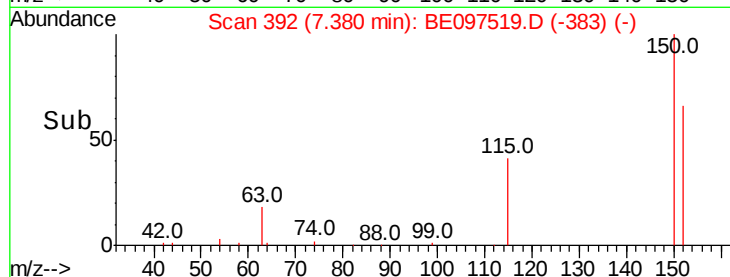
115 67.7 57.0 85.6



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: 0.111 ng

RT: 3.08 min Scan# 19

Delta R.T. 0.00 min

Lab File: BE097519.D

Acq: 18 Sep 2018 6:16

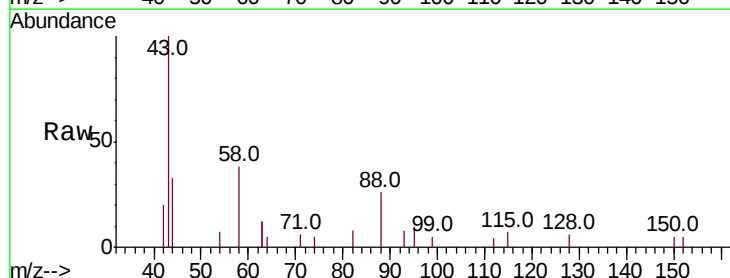
Tgt Ion: 88 Resp: 182

Ion Ratio Lower Upper

88 100

58 82.4 63.2 94.8

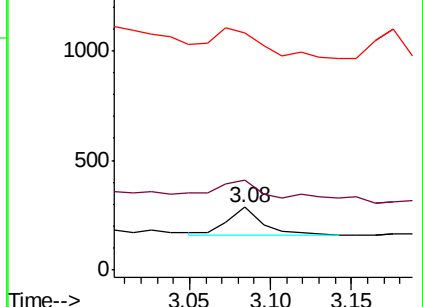
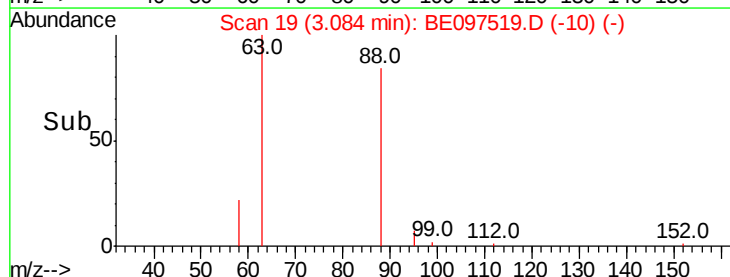
43 169.8 41.2 61.8#

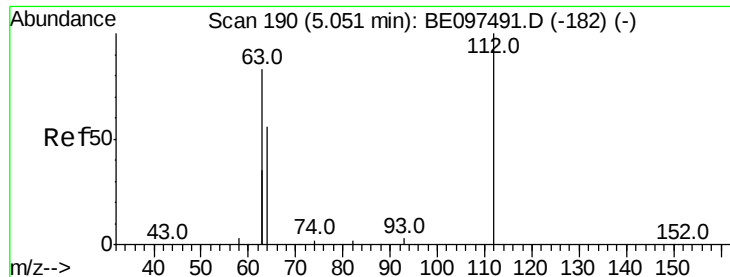


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.198 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097519.D

Acq: 18 Sep 2018 6:16

Instrument :

BNA_E

ClientSampleId :

KY038PS027-180910

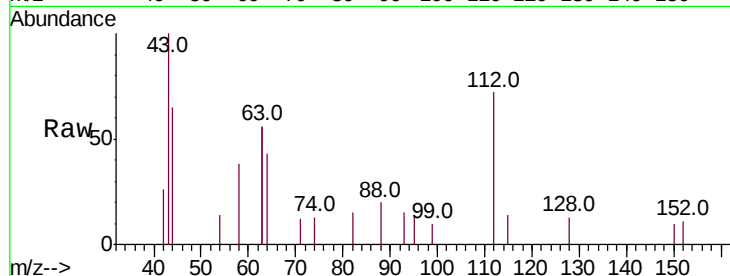
Tot Ion:112 Resp: 634

Ion Ratio Lower Upper

112 100

64 63.2 60.1 90.1

63 143.1 116.8 175.2



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

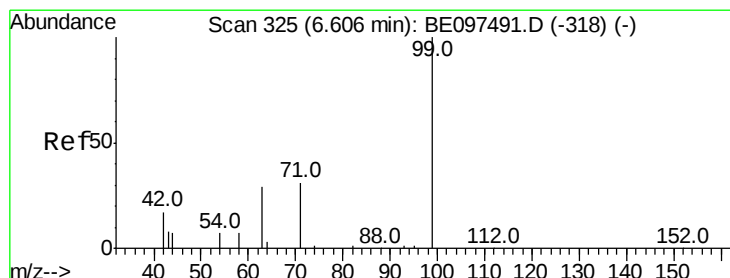
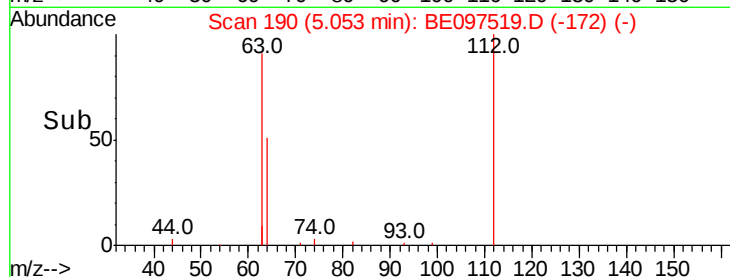
400

200

0

Time--> 4.90 5.00 5.10 5.20

5.05



#5

Phenol-d6

Concen: 0.114 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097519.D

Acq: 18 Sep 2018 6:16

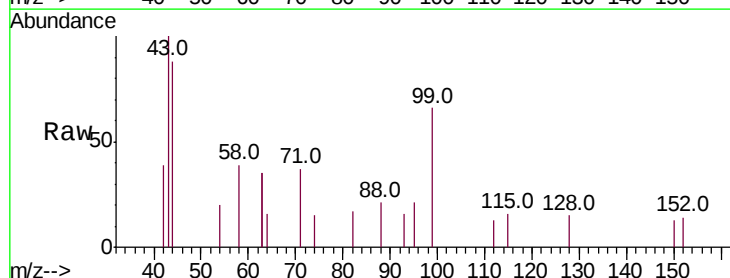
Tgt Ion: 99 Resp: 465

Ion Ratio Lower Upper

99 100

42 33.5 20.2 30.2#

71 41.1 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

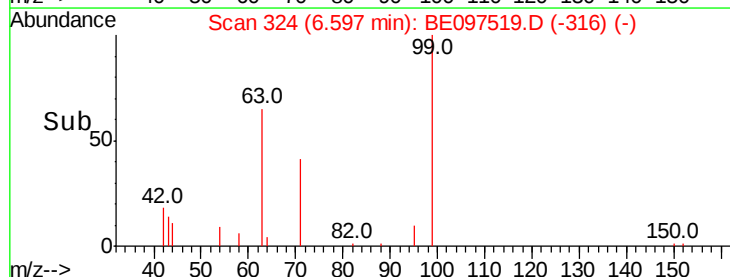
100

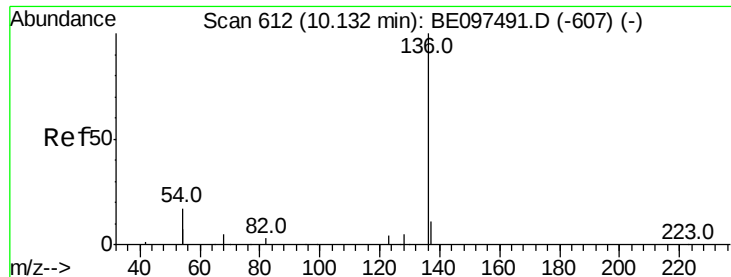
50

0

Time--> 6.50 6.60 6.70

6.60





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097519.D

Acq: 18 Sep 2018 6:16

Instrument :

BNA_E

ClientSampleId :

KY038PS027-180910

Tot Ion:136 Resp: 4533

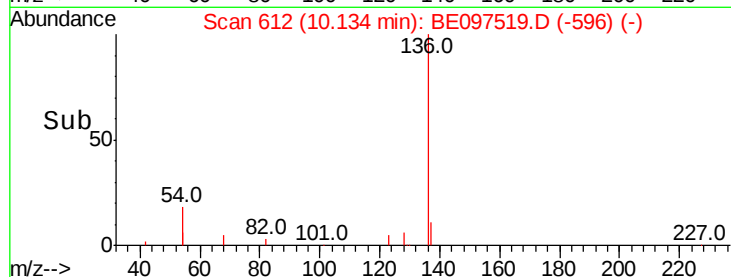
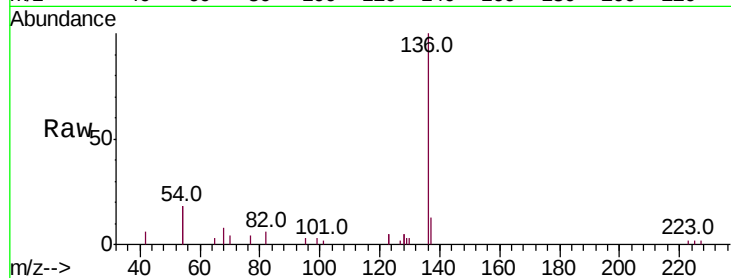
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 36.0 29.1 43.7

68 8.5 6.2 9.2

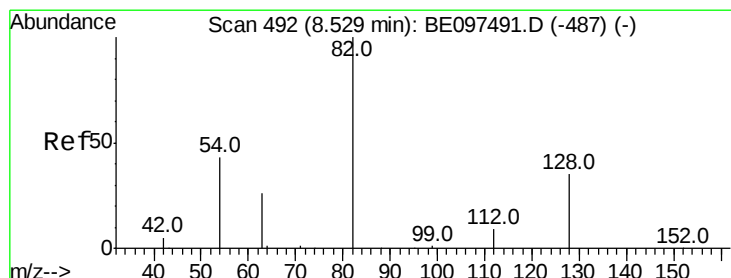
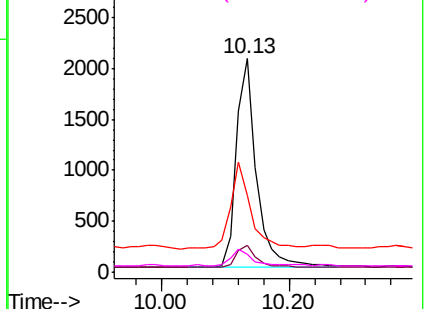


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.420 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE097519.D

Acq: 18 Sep 2018 6:16

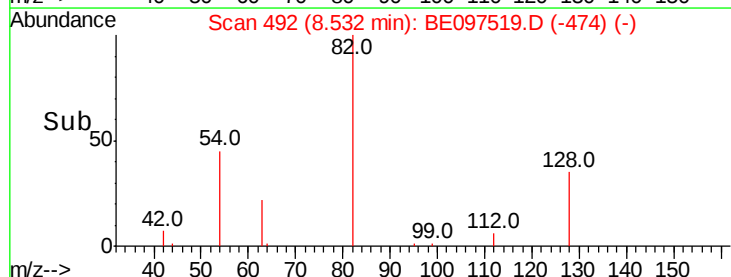
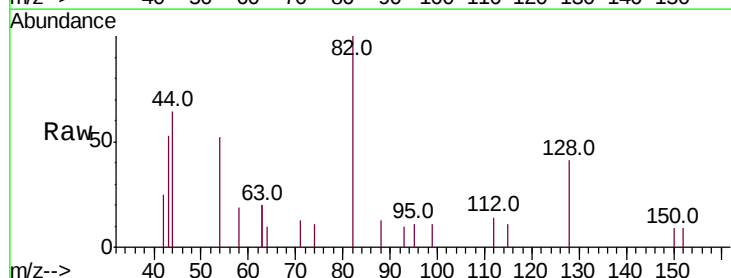
Tgt Ion: 82 Resp: 1533

Ion Ratio Lower Upper

82 100

128 41.2 24.0 36.0#

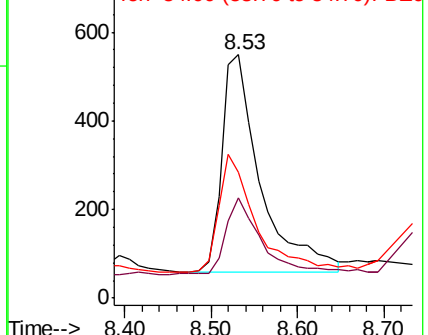
54 51.5 40.0 60.0

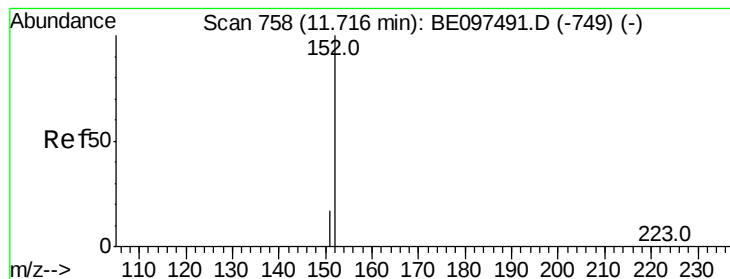


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.439 ng

RT: 11.71 min Scan# 757

Delta R.T. -0.01 min

Lab File: BE097519.D

Acq: 18 Sep 2018 6:16

Instrument :

BNA_E

ClientSampleId :

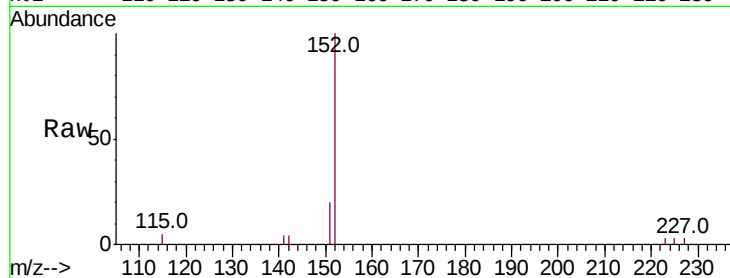
KY038PS027-180910

Tot Ion:152 Resp: 2842

Ion Ratio Lower Upper

152 100

151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

1500

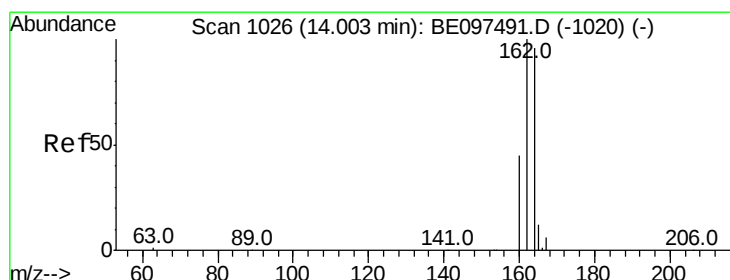
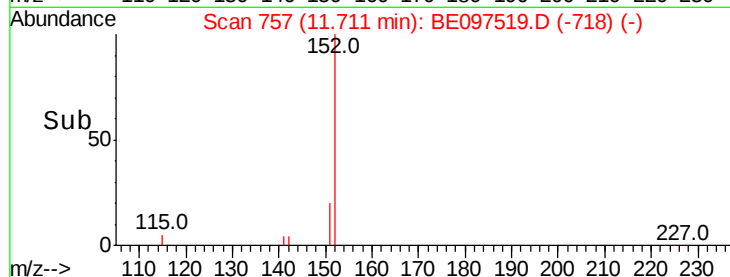
1000

500

0

11.71

Time--> 11.60 11.70 11.80



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097519.D

Acq: 18 Sep 2018 6:16

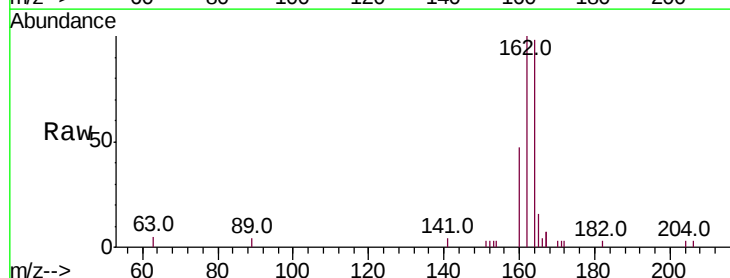
Tgt Ion:164 Resp: 2803

Ion Ratio Lower Upper

164 100

162 101.8 83.1 124.7

160 47.5 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

2000

1500

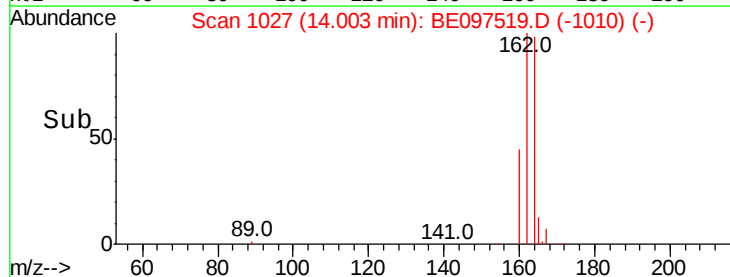
1000

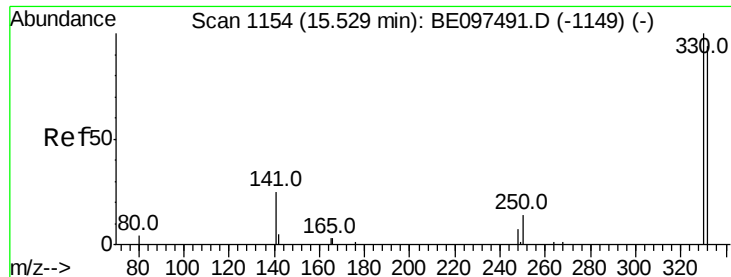
500

0

14.00

Time--> 13.90 14.00 14.10

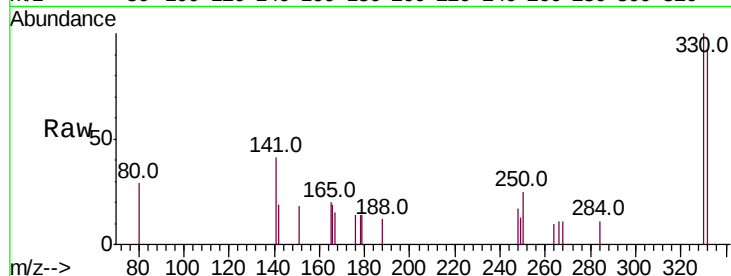




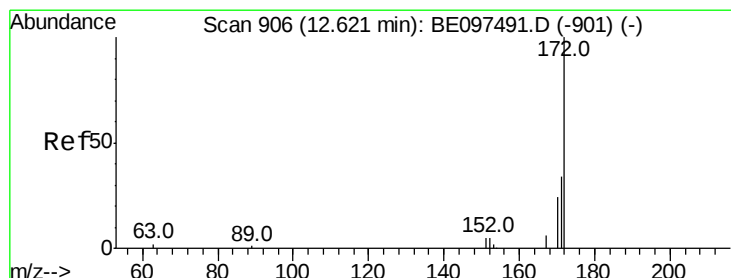
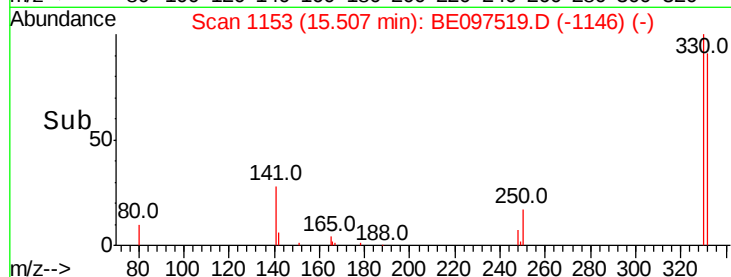
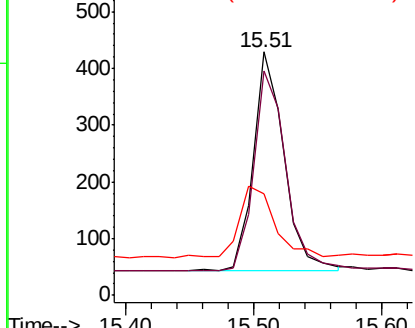
#14
 2,4,6-Tribromophenol
 Concen: 0.433 ng
 RT: 15.51 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BE097519.D
 Acq: 18 Sep 2018 6:16

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-180910

Tot Ion:330 Resp: 641
 Ion Ratio Lower Upper
 330 100
 332 97.2 152.7 229.1#
 141 35.3 33.7 50.5

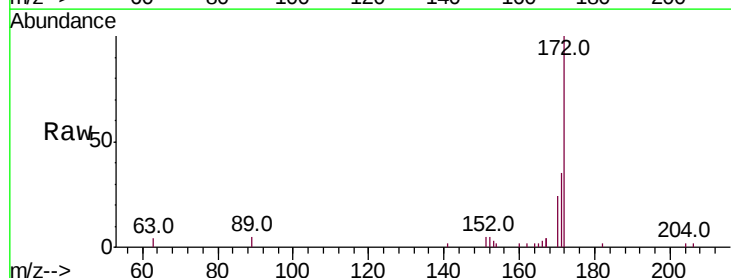


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

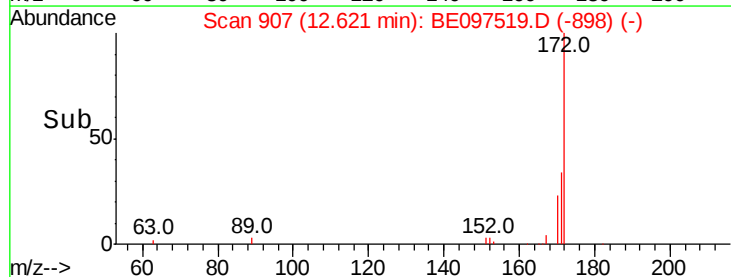
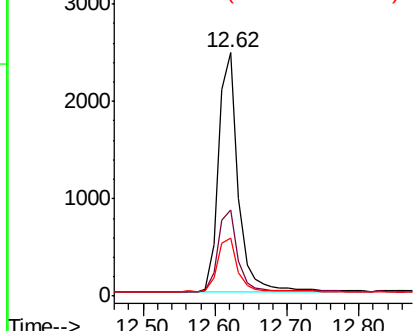


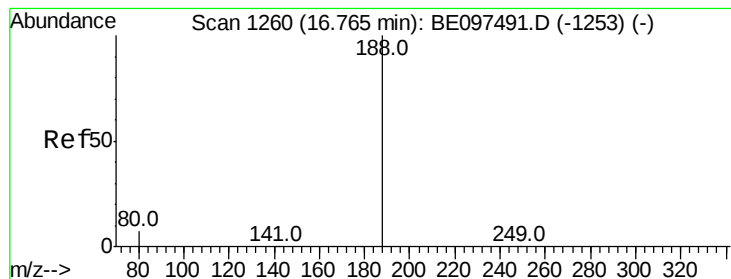
#15
 2-Fluorobiphenyl
 Concen: 0.473 ng
 RT: 12.62 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BE097519.D
 Acq: 18 Sep 2018 6:16

Tgt Ion:172 Resp: 4630
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.9 44.9
 170 24.0 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: 16.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BE097519.D

Acq: 18 Sep 2018 6:16

Instrument :

BNA_E

ClientSampleId :

KY038PS027-180910

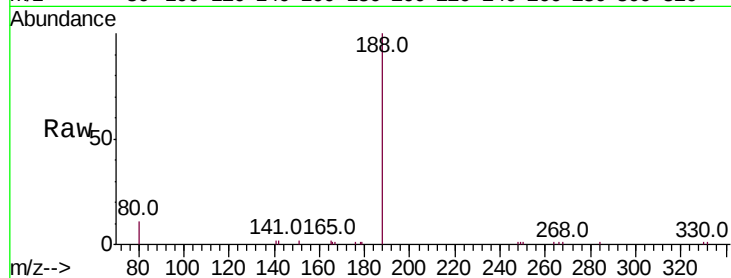
Tot Ion:188 Resp: 7756

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

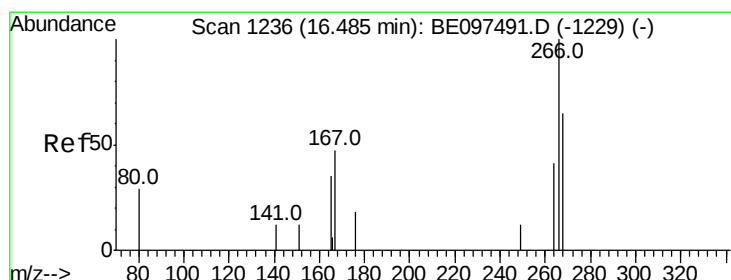
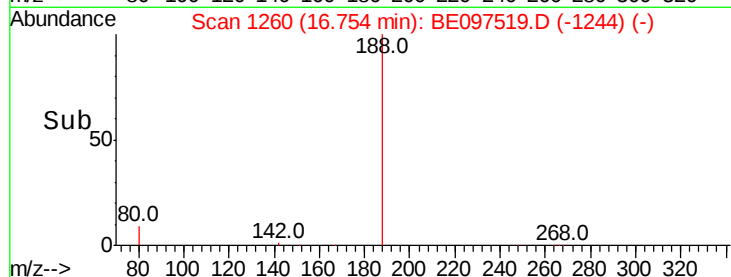
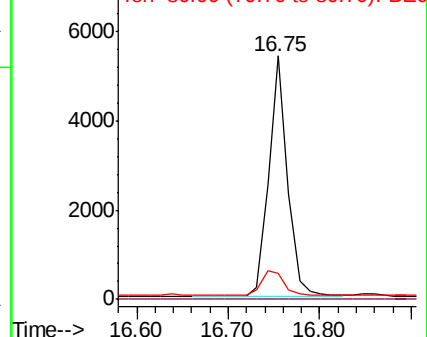
80 10.6 3.6 5.4#



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: 0.077 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.06 min

Lab File: BE097519.D

Acq: 18 Sep 2018 6:16

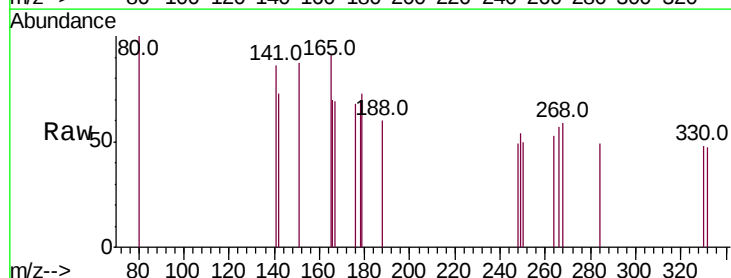
Tgt Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

264 92.6 72.5 108.7

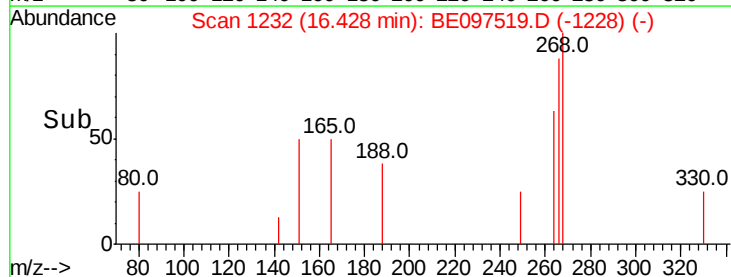
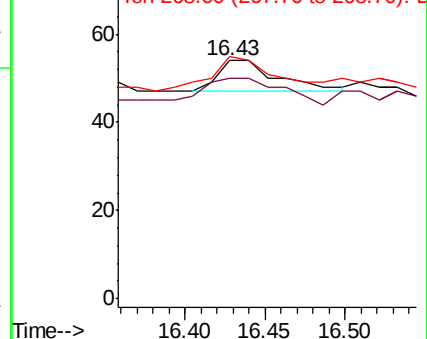
268 101.9 73.8 110.6

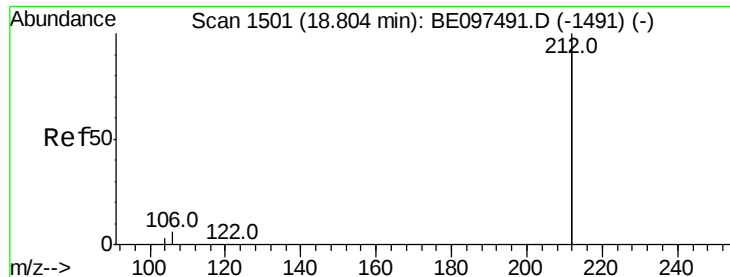


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.478 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BE097519.D

Acq: 18 Sep 2018 6:16

Instrument :

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ClientSampleId :

KY038PS027-180910

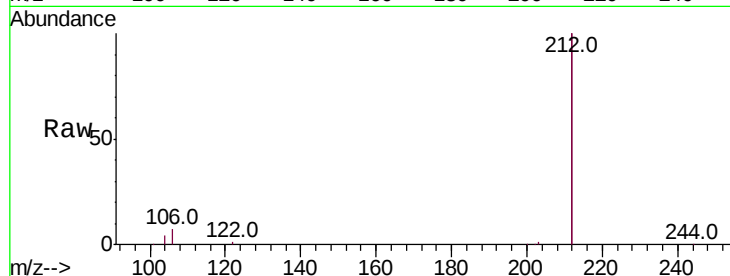
Tot Ion:212 Resp: 44573

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

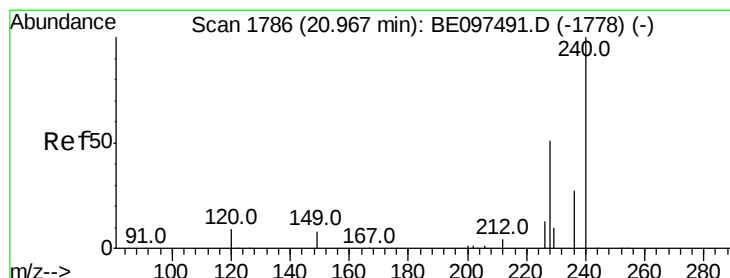
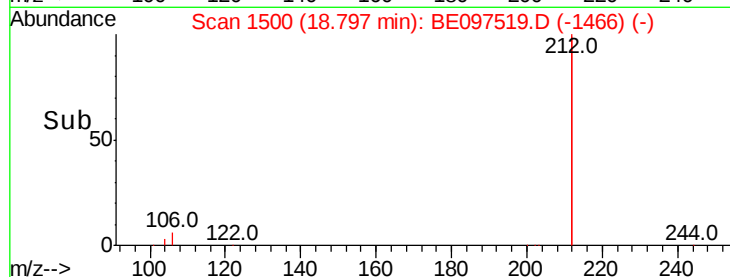
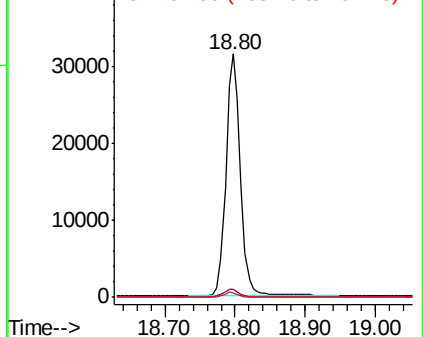
104 1.8 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE097519.D

Acq: 18 Sep 2018 6:16

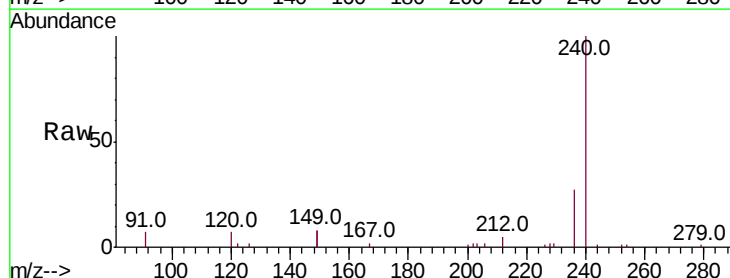
Tgt Ion:240 Resp: 9166

Ion Ratio Lower Upper

240 100

120 7.1 5.5 8.3

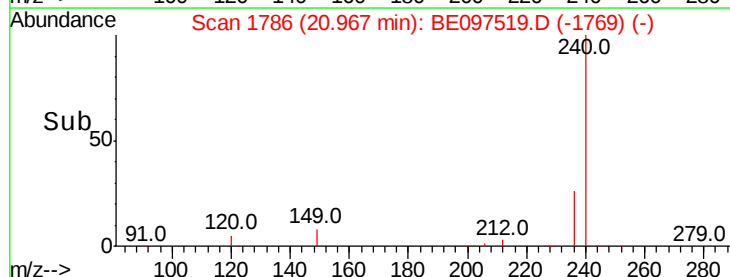
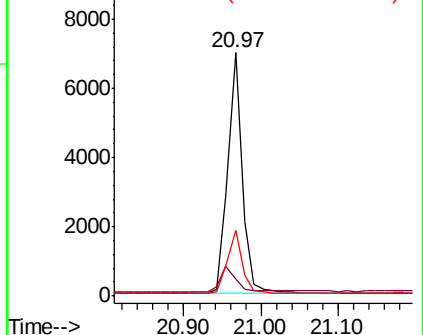
236 27.1 20.7 31.1

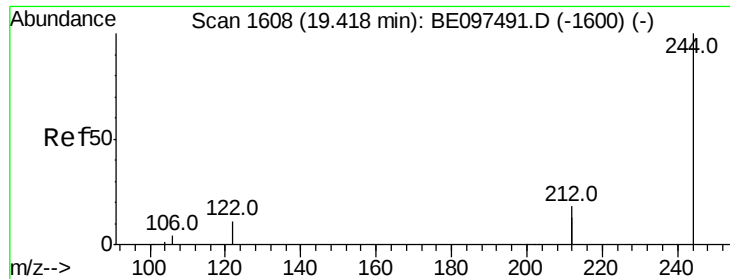


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.458 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097519.D

Acq: 18 Sep 2018 6:16

Instrument :

BNA_E

ClientSampleId :

KY038PS027-180910

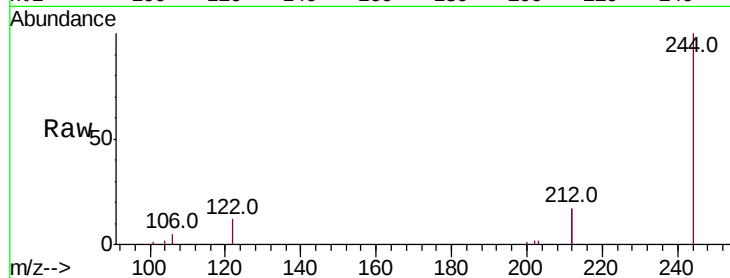
Tot Ion:244 Resp: 8021

Ion Ratio Lower Upper

244 100

212 33.1 25.4 38.0

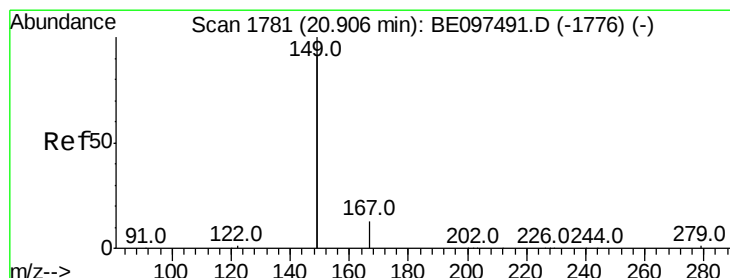
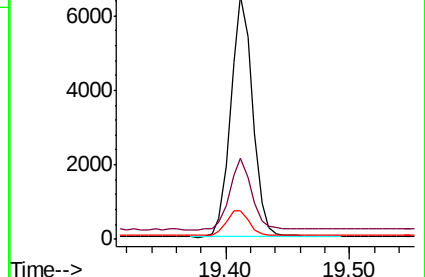
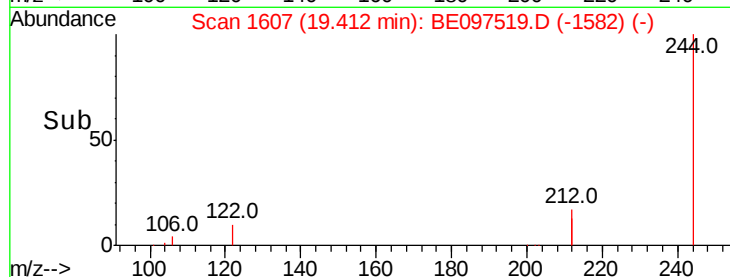
122 11.6 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.062 ng

RT: 20.91 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE097519.D

Acq: 18 Sep 2018 6:16

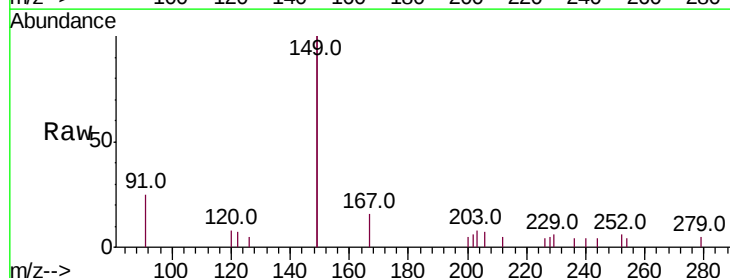
Tgt Ion:149 Resp: 3182

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

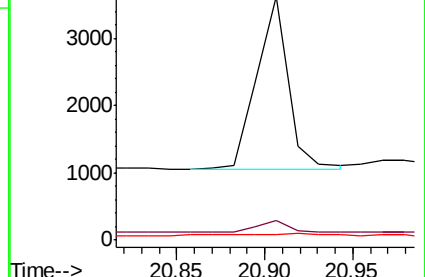
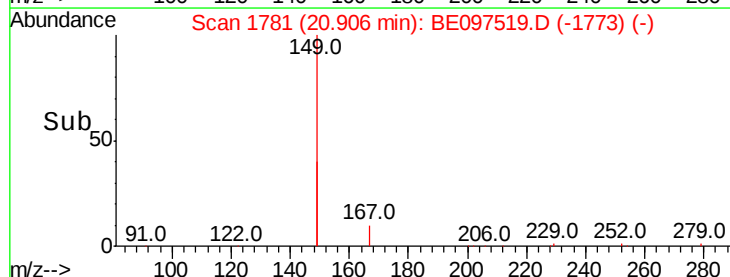
279 1.3 0.7 1.1#

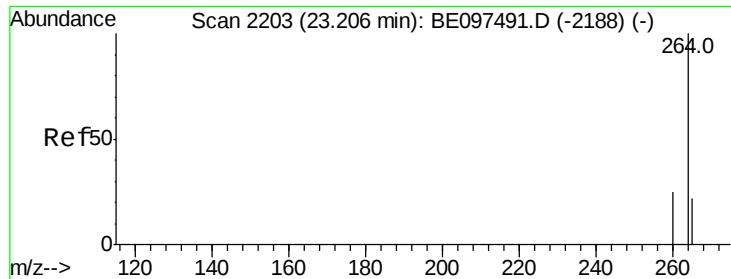


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BE097519.D
 Acq: 18 Sep 2018 6:16

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-180910

Tot Ion: 264 Resp: 9370
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.5 30.7
 265 31.4 22.8 34.2

