

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101818\
 Data File : BE097980.D
 Acq On : 18 Oct 2018 16:46
 Operator : SJ/JU
 Sample : J5364-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-181008

Quant Time: Oct 19 01:50:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

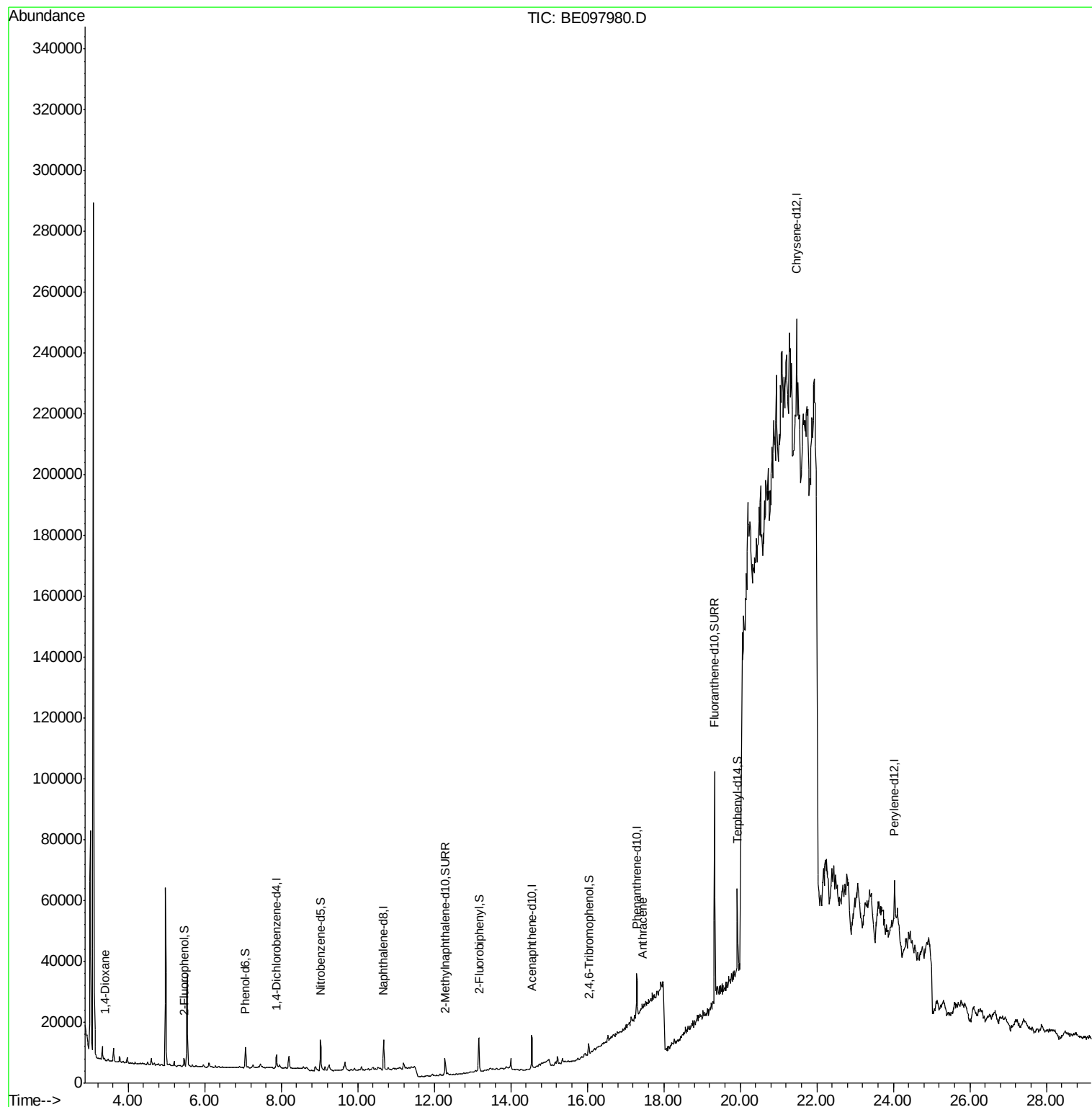
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2146	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	10584	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	8124	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	19944	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	21478	0.40	ng	-0.01
34) Perylene-d12	24.04	264	21431	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1311	0.19	ng	0.00
5) Phenol-d6	7.06	99	1153	0.12	ng	0.00
8) Nitrobenzene-d5	9.03	82	3921	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	7210	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	1896	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	12279	0.37	ng	0.00
25) Fluoranthene-d10	19.33	212	93966	0.35	ng	0.00
29) Terphenyl-d14	19.92	244	25746	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.38	88	377	0.101	ng	# 4
24) Anthracene	17.43	178	1775	0.037	ng	# 41

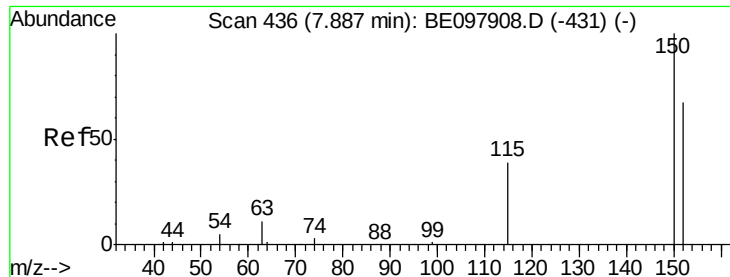
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 436

Delta R.T. -0.00 min

Lab File: BE097980.D

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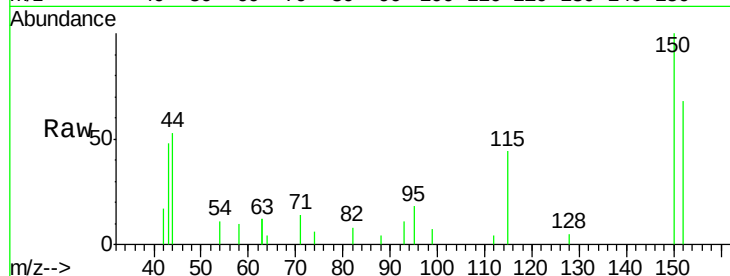
Tgt Ion:152 Resp: 2146

Ion Ratio Lower Upper

152 100

150 147.4 118.2 177.4

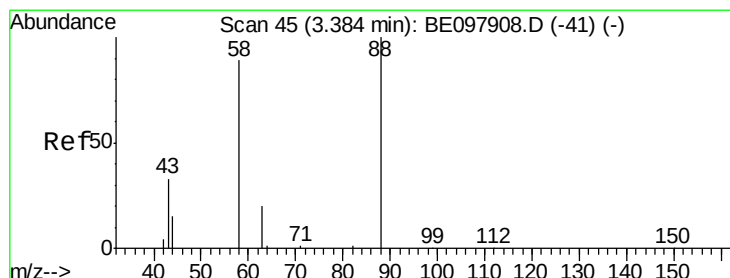
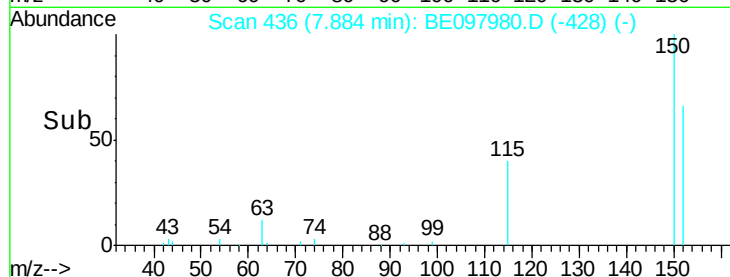
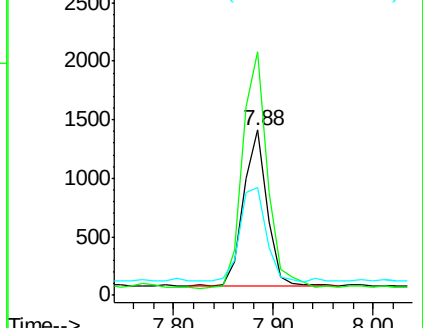
115 65.6 50.9 76.3



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: 0.101 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

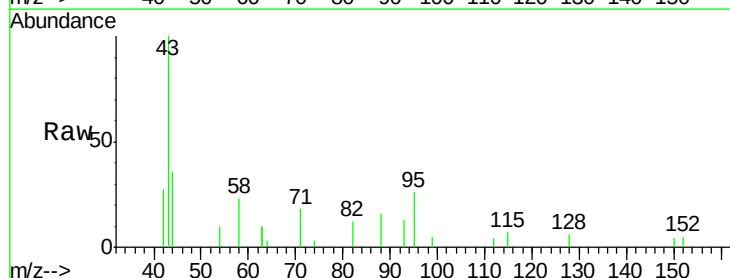
Tgt Ion: 88 Resp: 377

Ion Ratio Lower Upper

88 100

58 80.1 73.2 109.8

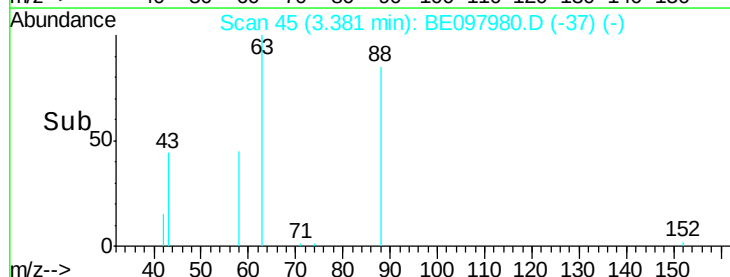
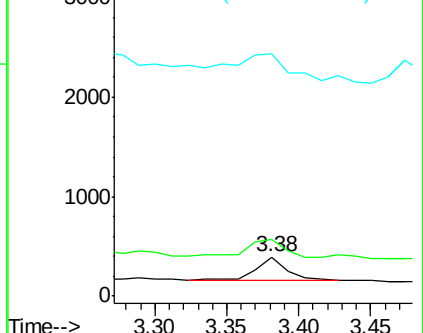
43 219.1 36.9 55.3#

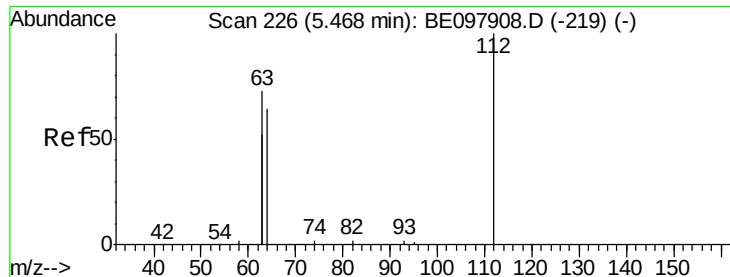


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.194 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

Instrument :

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ClientSampleId :

KY038PS027-181008

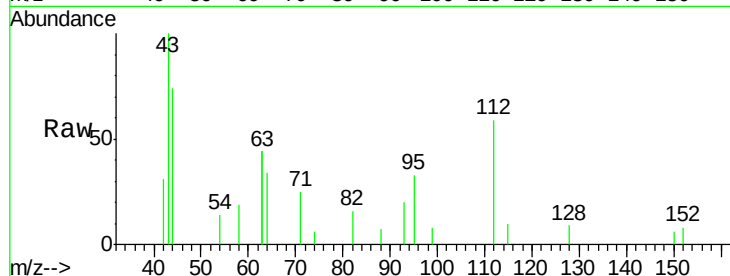
Tgt Ion: 112 Resp: 1311

Ion Ratio Lower Upper

112 100

64 67.0 58.9 88.3

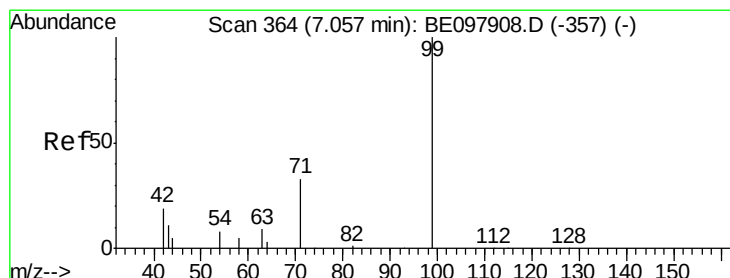
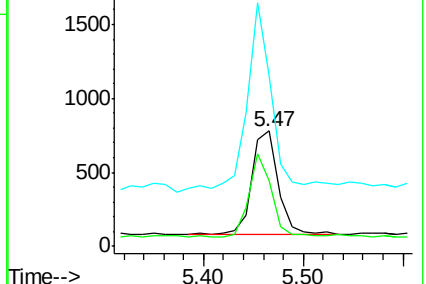
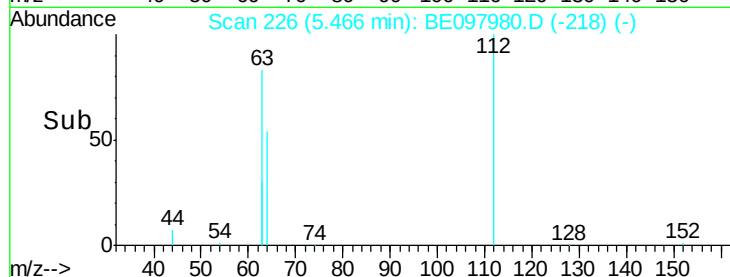
63 157.5 120.3 180.5



Abundance Ion 112.00 (111.70 to 112.70): BE097980.D (-219) (-)

Ion 64.00 (63.70 to 64.70): BE097980.D (-219) (-)

Ion 63.00 (62.70 to 63.70): BE097980.D (-219) (-)



#5

Phenol-d6

Concen: 0.115 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

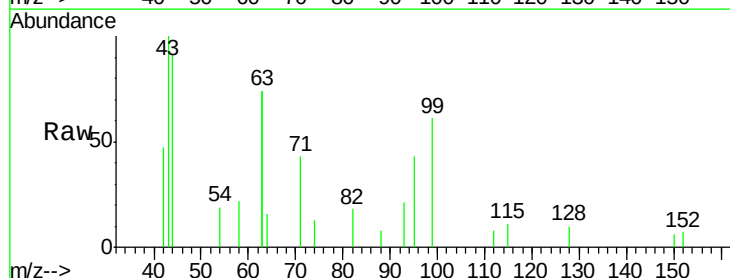
Tgt Ion: 99 Resp: 1153

Ion Ratio Lower Upper

99 100

42 63.8 19.9 29.9#

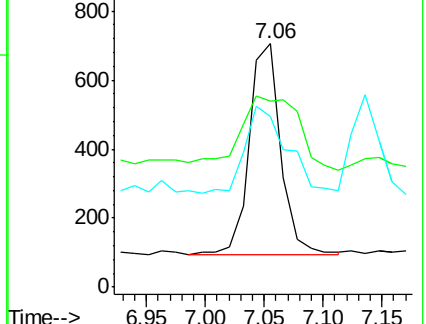
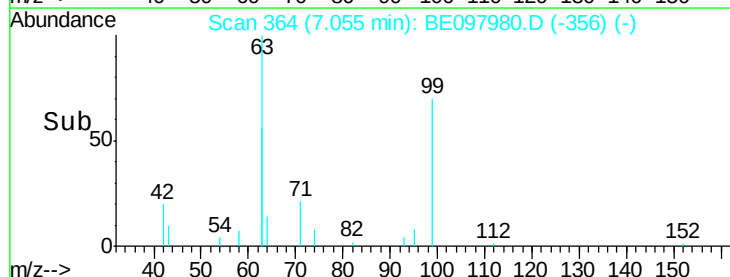
71 54.9 27.8 41.8#

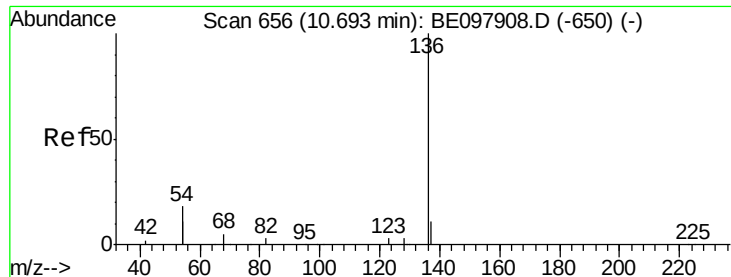


Abundance Ion 99.00 (98.70 to 99.70): BE097980.D (-357) (-)

Ion 42.00 (41.70 to 42.70): BE097980.D (-357) (-)

Ion 71.00 (70.70 to 71.70): BE097980.D (-357) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181008

Tgt Ion:136 Resp: 10584

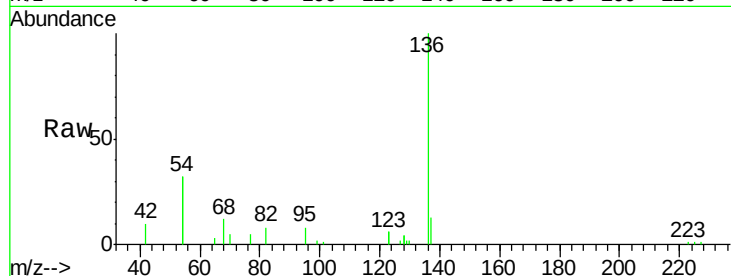
Ion Ratio Lower Upper

136 100

137 12.8 9.6 14.4

54 64.6 27.7 41.5#

68 12.0 5.3 7.9#

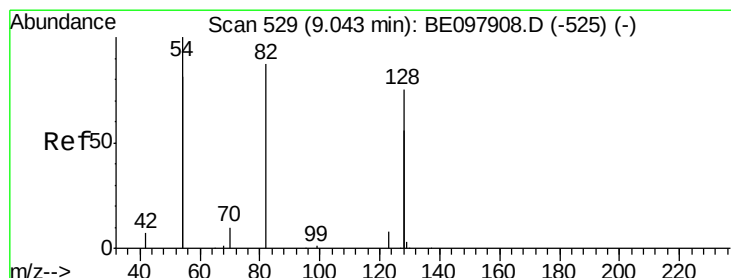
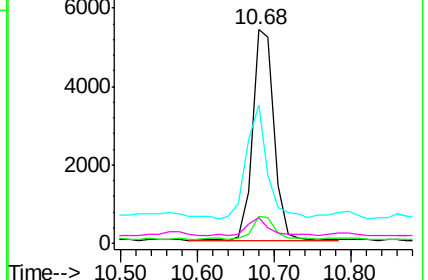
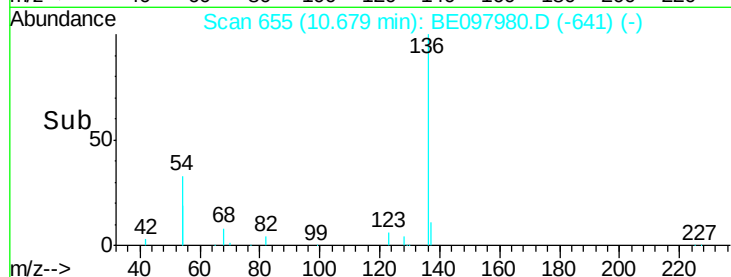


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.391 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

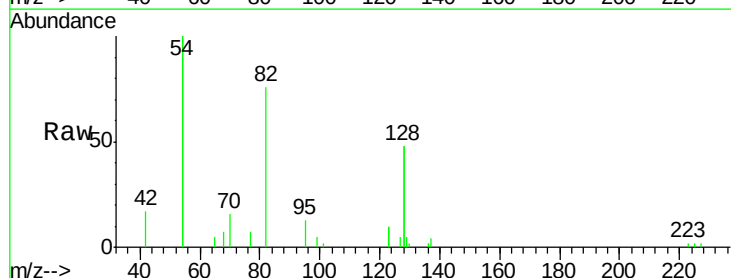
Tgt Ion: 82 Resp: 3921

Ion Ratio Lower Upper

82 100

128 126.0 129.9 194.9#

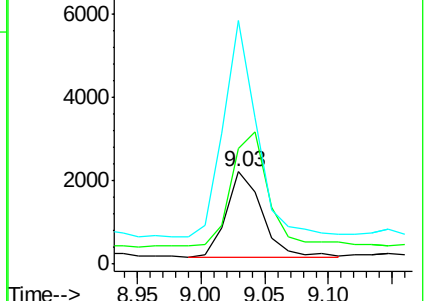
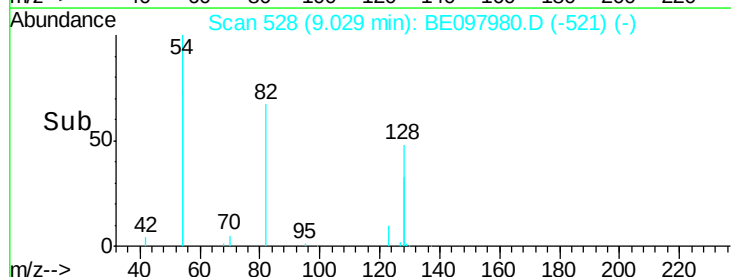
54 264.5 174.0 261.0#

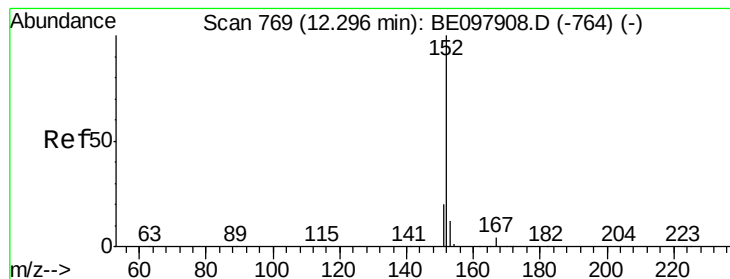


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.409 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

Instrument :

BNA_E

ClientSampleId :

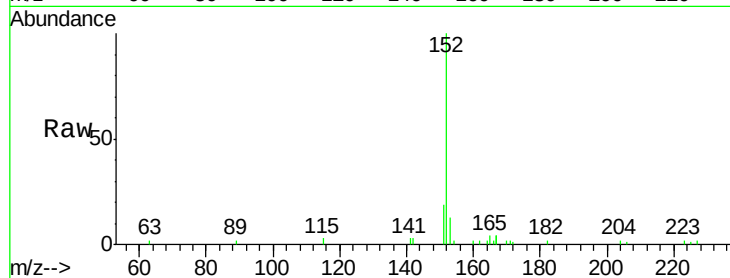
KY038PS027-181008

Tgt Ion:152 Resp: 7210

Ion Ratio Lower Upper

152 100

151 21.1 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.28

5000

4000

3000

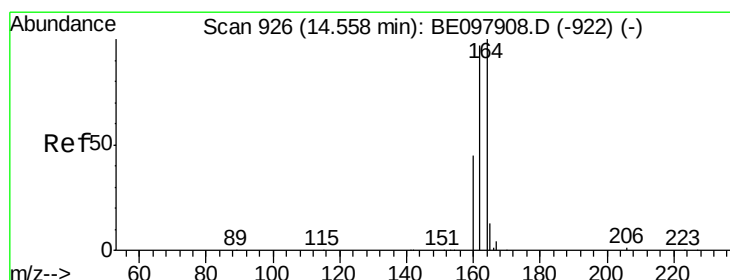
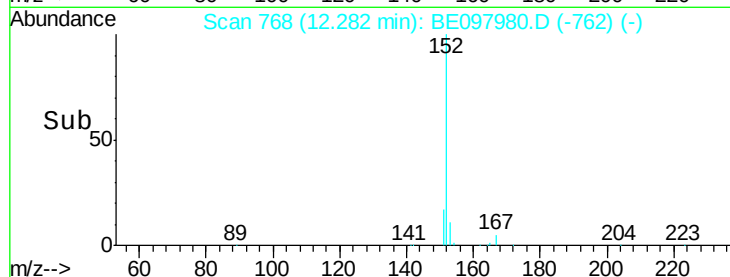
2000

1000

0

12.20 12.30 12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.01 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

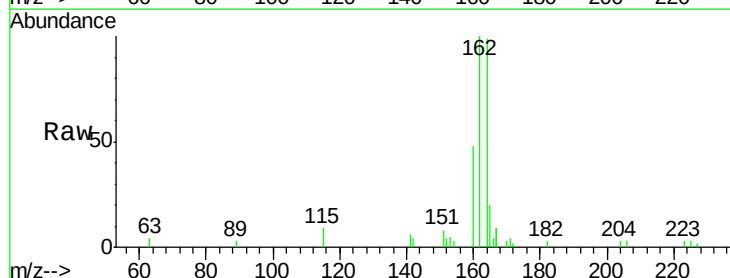
Tgt Ion:164 Resp: 8124

Ion Ratio Lower Upper

164 100

162 100.5 77.4 116.2

160 47.8 36.5 54.7



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

14.54

6000

5000

4000

3000

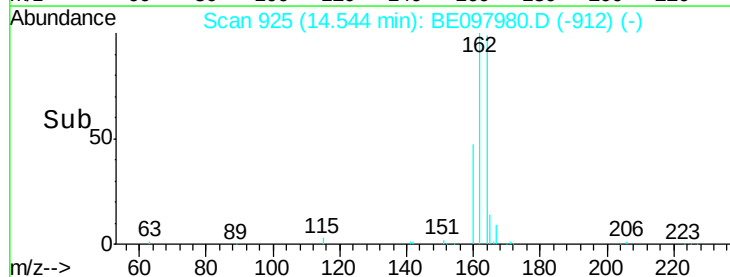
2000

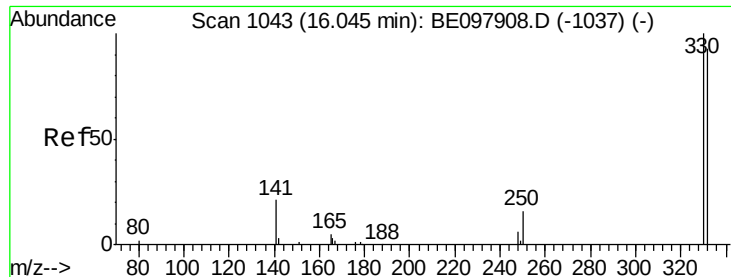
1000

0

14.40 14.50 14.60 14.70

Time-->

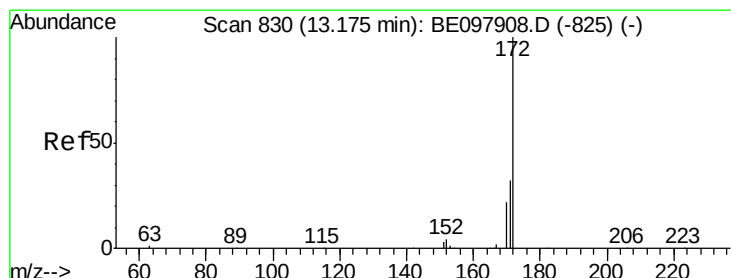
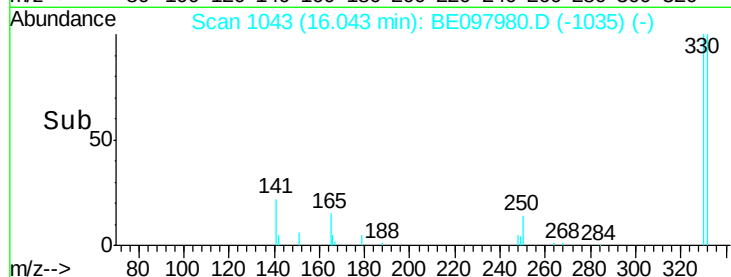
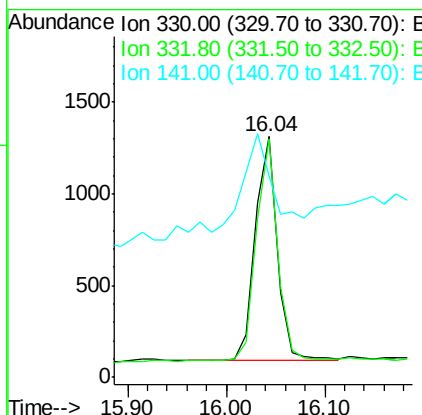
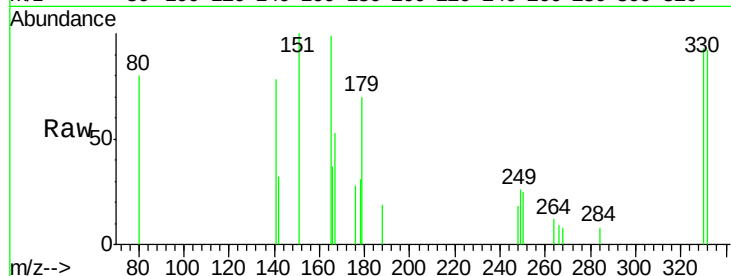




#14
 2,4,6-Tribromophenol
 Concen: 0.434 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097980.D
 Acq: 18 Oct 2018 16:46

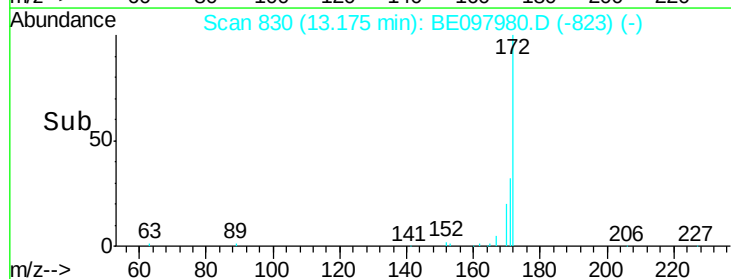
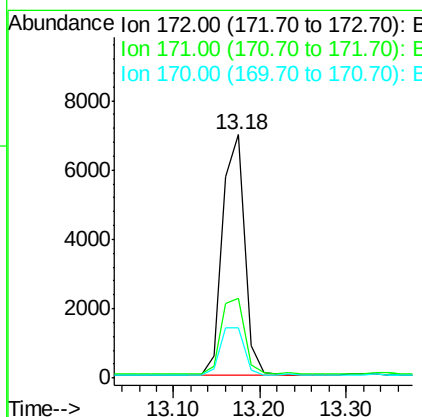
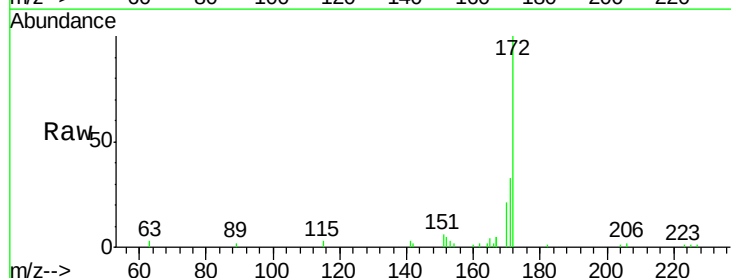
Instrument :
 BNA_E
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 KY038PS027-181008

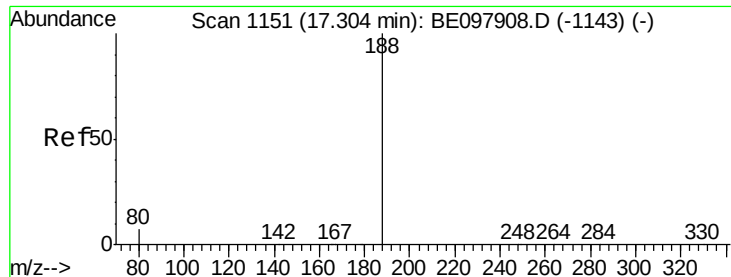
Tgt Ion: 330 Resp: 1896
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.5 114.7
 141 61.0 31.8 47.6#



#15
 2-Fluorobiphenyl
 Concen: 0.370 ng
 RT: 13.18 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BE097980.D
 Acq: 18 Oct 2018 16:46

Tgt Ion: 172 Resp: 12279
 Ion Ratio Lower Upper
 172 100
 171 32.9 26.0 39.0
 170 20.8 18.0 27.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181008

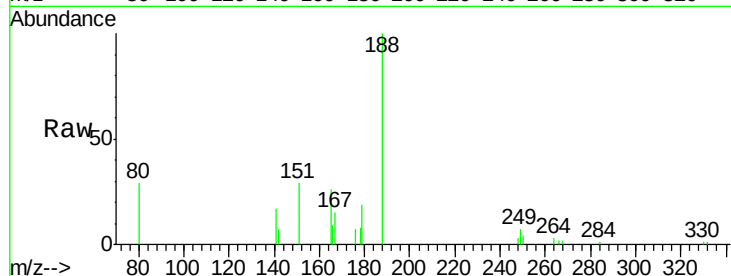
Tgt Ion:188 Resp: 19944

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

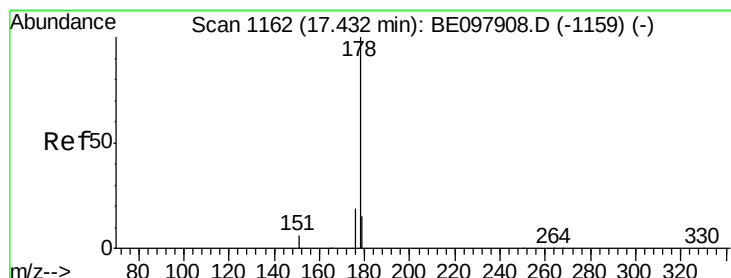
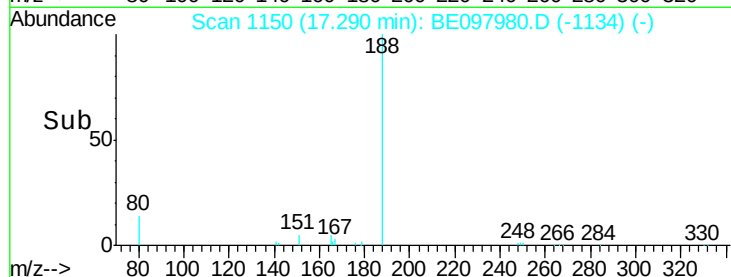
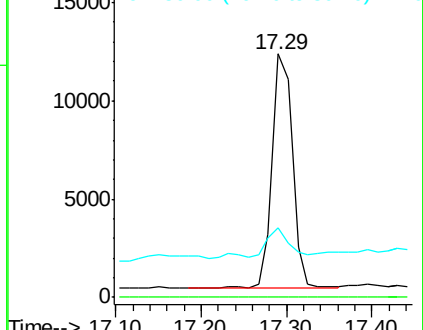
80 28.7 6.3 9.5#



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



#24

Anthracene

Concen: 0.037 ng

RT: 17.43 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

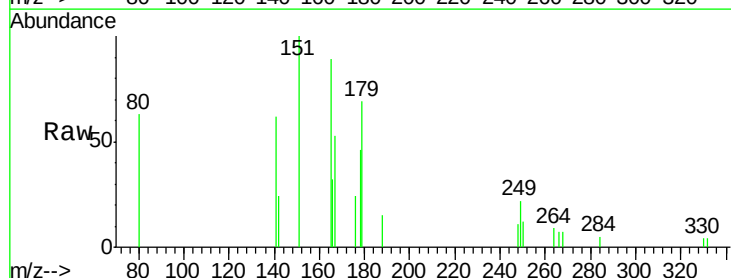
Tgt Ion:178 Resp: 1775

Ion Ratio Lower Upper

178 100

176 21.2 14.9 22.3

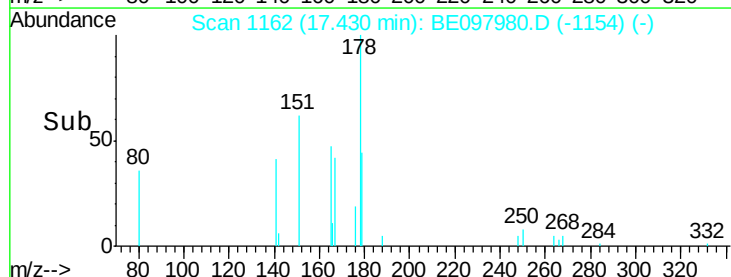
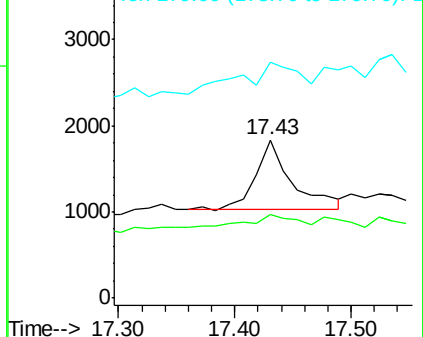
179 66.5 11.9 17.9#

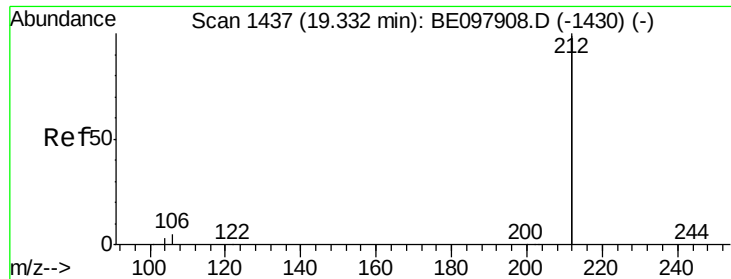


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

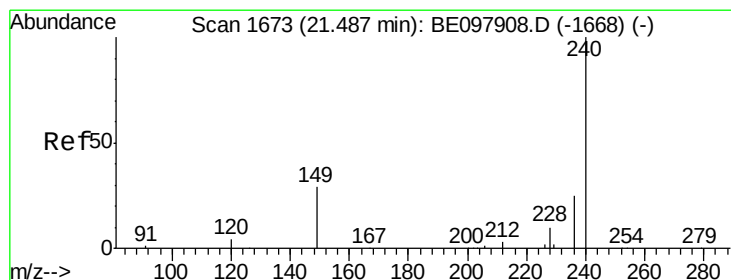
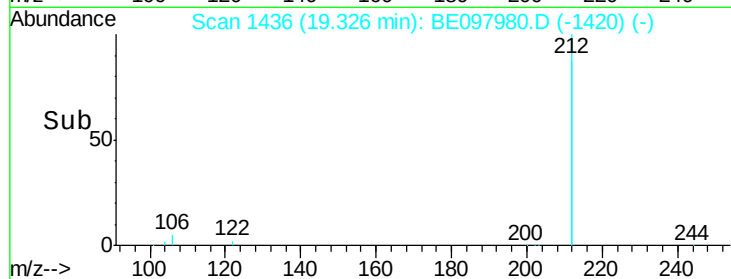
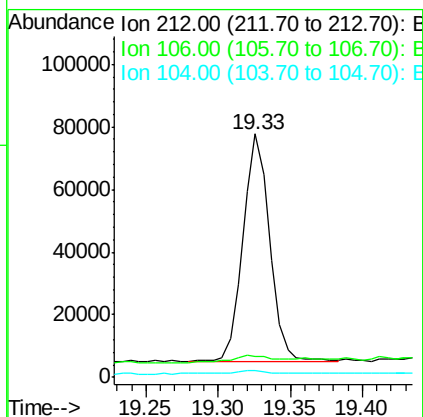
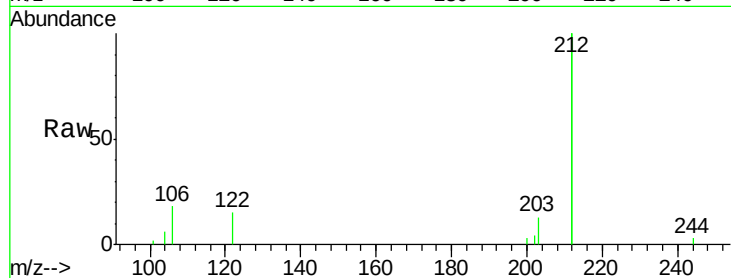




#25
 Fluoranthene-d10
 Concen: 0.348 ng
 RT: 19.33 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BE097980.D
 Acq: 18 Oct 2018 16:46

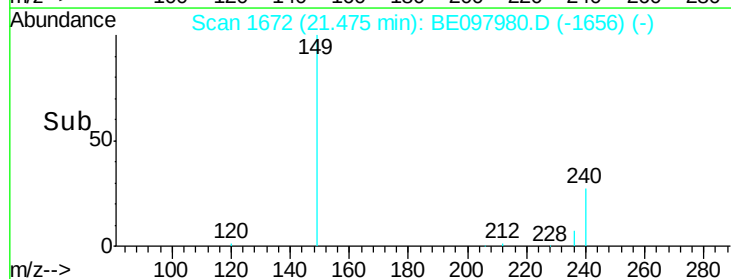
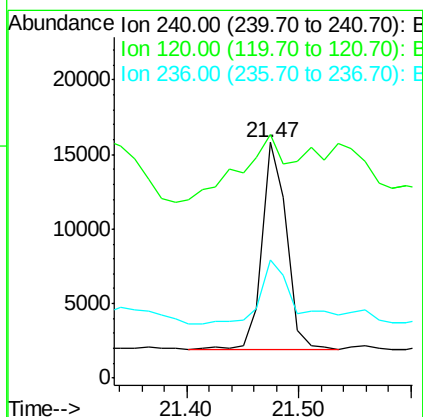
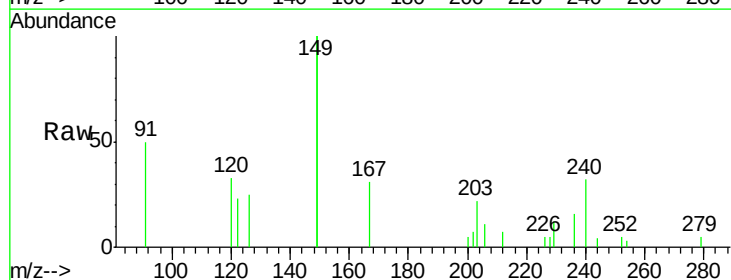
Instrument :
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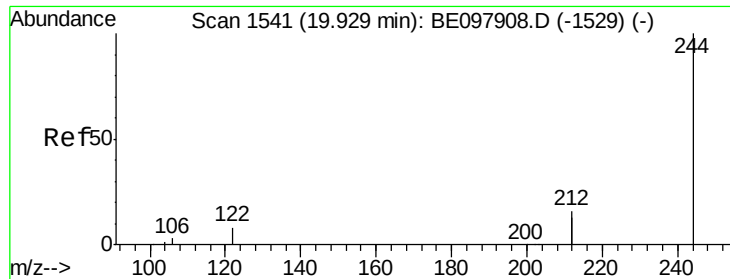
Tgt Ion: 212 Resp: 93966
 Ion Ratio Lower Upper
 212 100
 106 4.7 2.3 3.5#
 104 2.5 1.3 1.9#



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.47 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BE097980.D
 Acq: 18 Oct 2018 16:46

Tgt Ion: 240 Resp: 21478
 Ion Ratio Lower Upper
 240 100
 120 103.2 7.1 10.7#
 236 50.0 21.3 31.9#





#29

Terphenyl-d14

Concen: 0.523 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181008

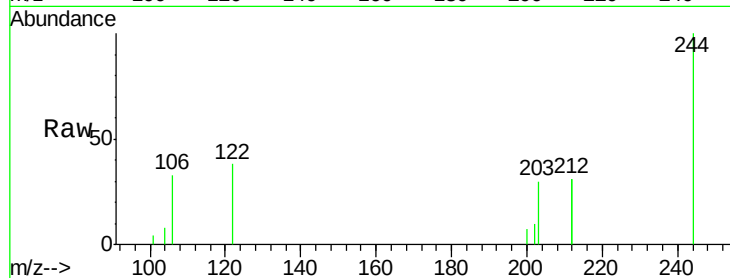
Tgt Ion:244 Resp: 25746

Ion Ratio Lower Upper

244 100

212 62.3 26.2 39.2#

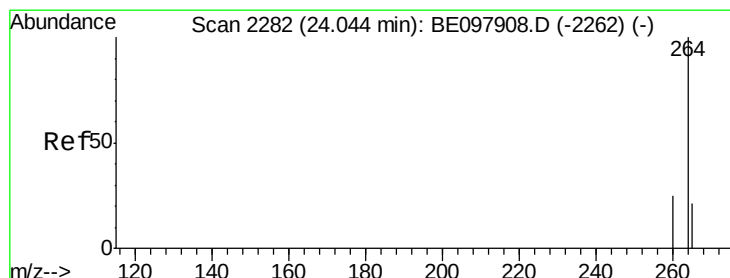
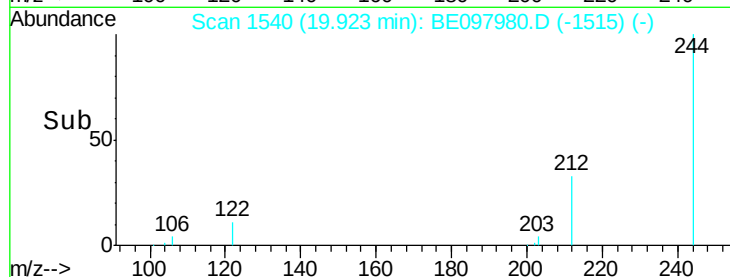
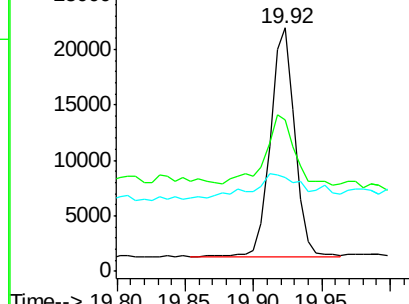
122 38.3 7.7 11.5#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.04 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

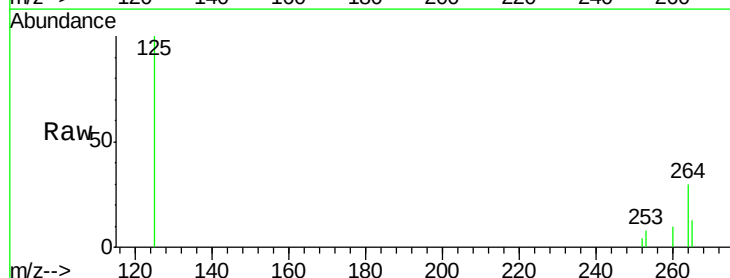
Tgt Ion:264 Resp: 21431

Ion Ratio Lower Upper

264 100

260 33.9 21.1 31.7#

265 43.7 29.2 43.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

