

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101818\
 Data File : BE097982.D
 Acq On : 18 Oct 2018 18:00
 Operator : SJ/JU
 Sample : J5364-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS036-181008

Quant Time: Oct 19 01:53:35 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

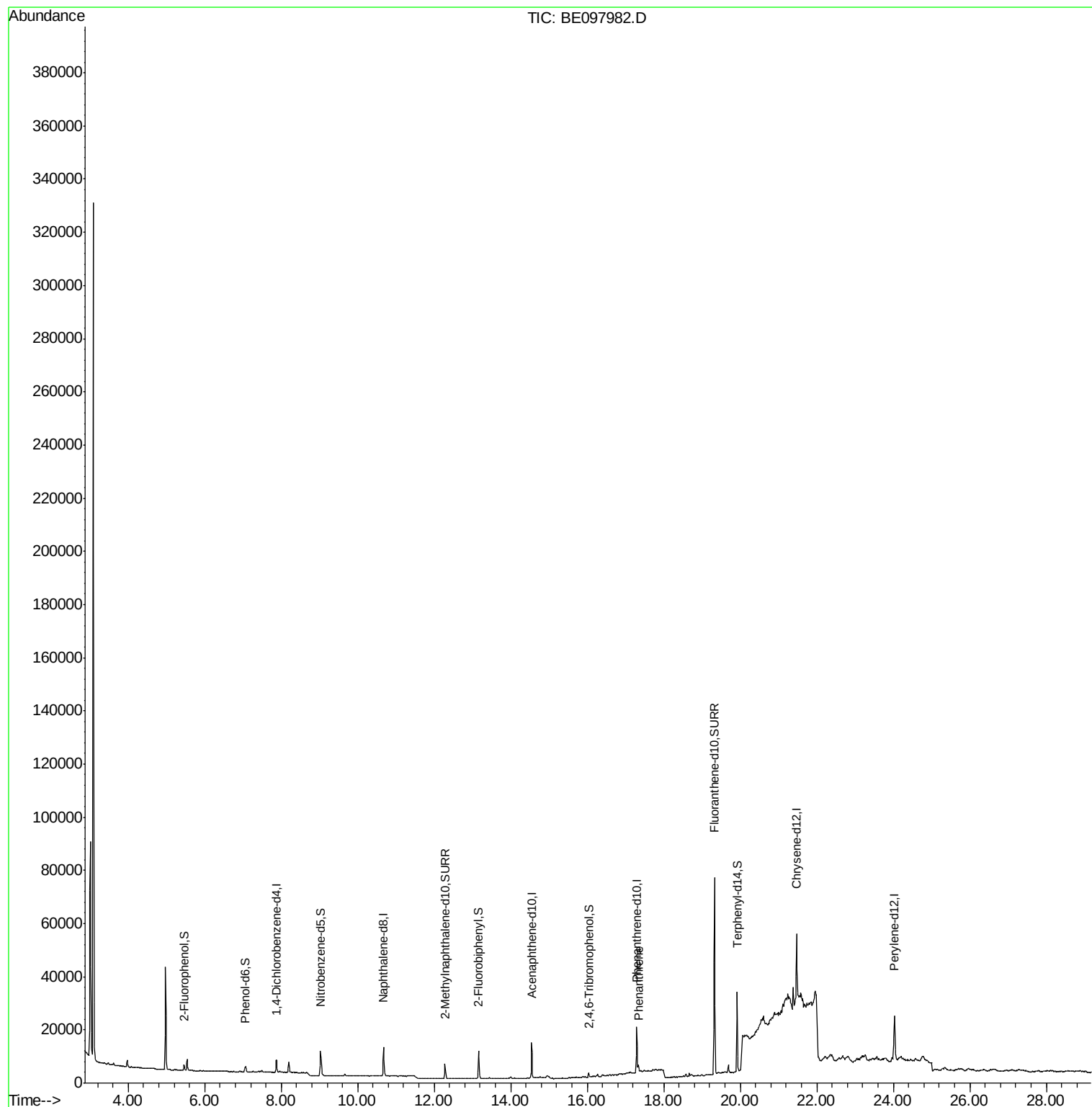
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2398	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	11624	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	8550	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	22017	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	25033	0.40	ng	-0.01
34) Perylene-d12	24.03	264	24509	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1039	0.14	ng	0.00
5) Phenol-d6	7.05	99	1075	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	3727	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	7120	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	866	0.19	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	10991	0.31	ng	-0.01
25) Fluoranthene-d10	19.33	212	99621	0.33	ng	0.00
29) Terphenyl-d14	19.92	244	26951	0.47	ng	0.00
Target Compounds						
23) Phenanthrene	17.34	178	3269	0.058	ng	Qvalue # 82

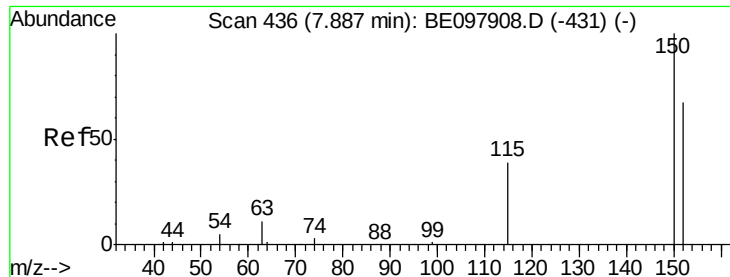
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 16 15:36:44 2018
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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: BE097982.D

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BNA_E

ClientSampleId :

KY038PS036-181008

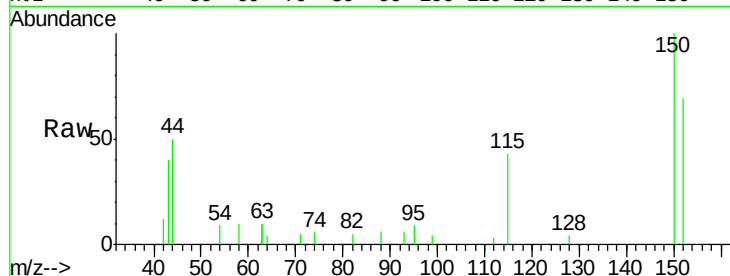
Tgt Ion:152 Resp: 2398

Ion Ratio Lower Upper

152 100

150 144.3 118.2 177.4

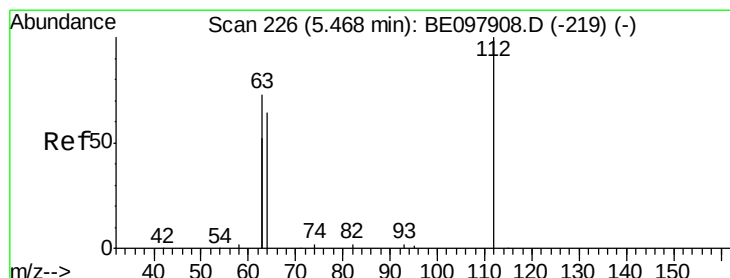
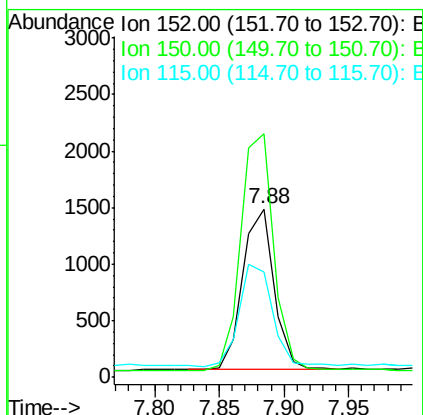
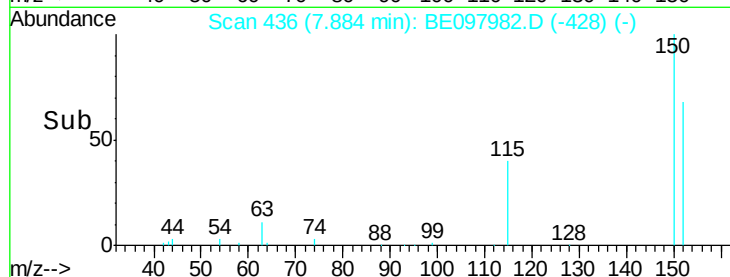
115 62.7 50.9 76.3



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



#4

2-Fluorophenol

Concen: 0.137 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097982.D

Acq: 18 Oct 2018 18:00

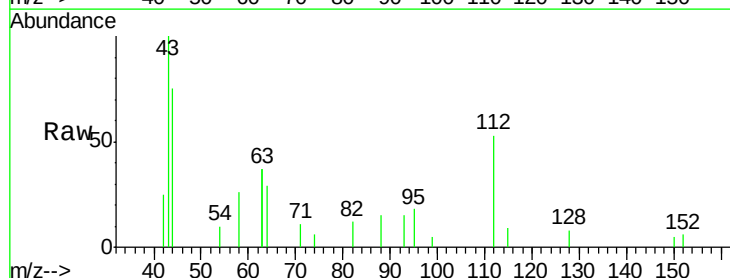
Tgt Ion:112 Resp: 1039

Ion Ratio Lower Upper

112 100

64 71.0 58.9 88.3

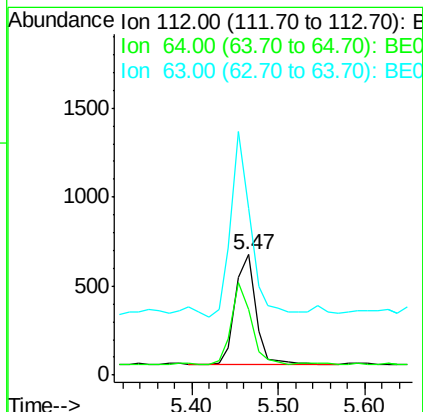
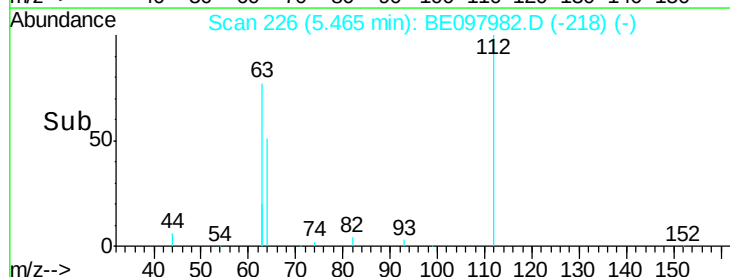
63 160.4 120.3 180.5

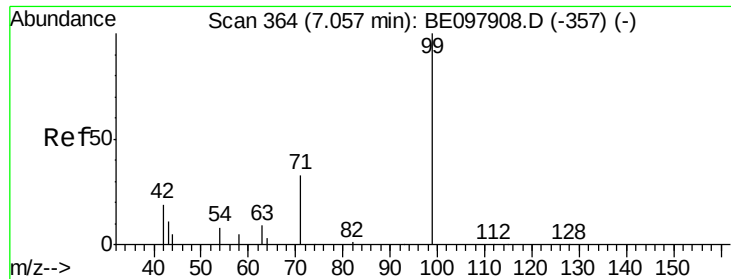


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.096 ng

RT: 7.05 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097982.D

Acq: 18 Oct 2018 18:00

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181008

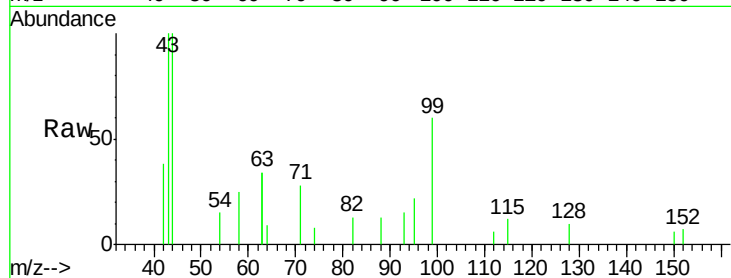
Tgt Ion: 99 Resp: 1075

Ion Ratio Lower Upper

99 100

42 39.7 19.9 29.9#

71 42.0 27.8 41.8#



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

800

600

400

200

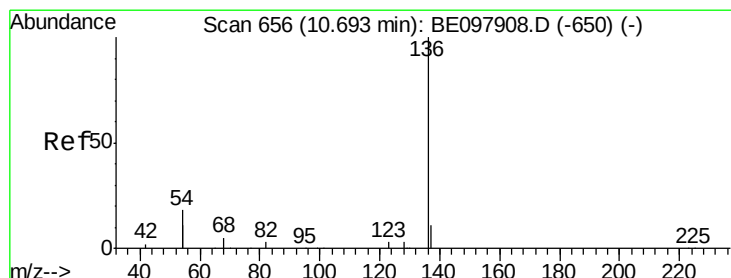
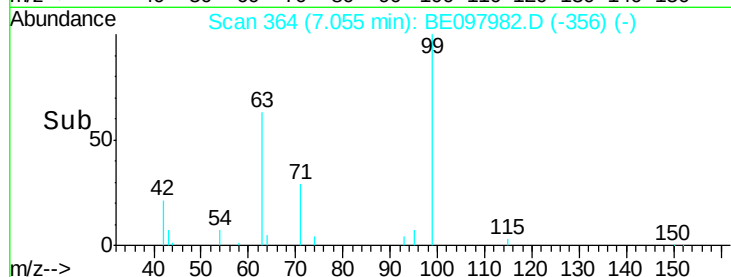
0

7.05

7.10

7.20

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097982.D

Acq: 18 Oct 2018 18:00

Tgt Ion: 136 Resp: 11624

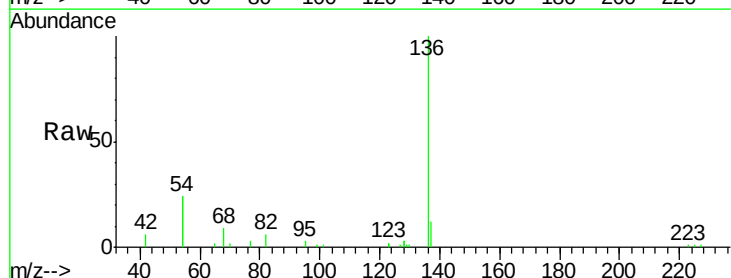
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 48.8 27.7 41.5#

68 8.5 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

10000

8000

6000

4000

2000

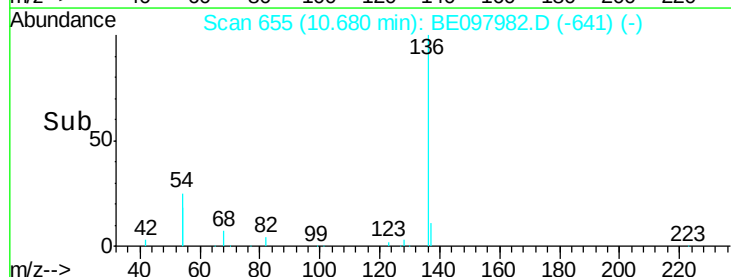
0

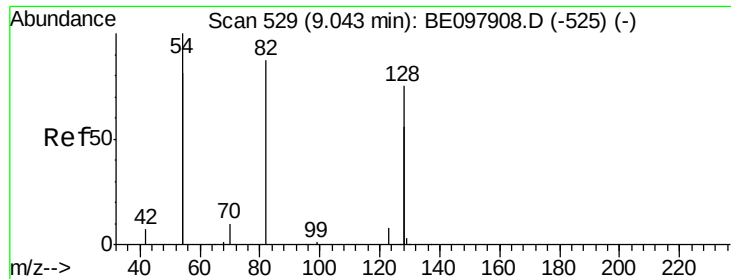
10.68

10.70

10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.339 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097982.D

Acq: 18 Oct 2018 18:00

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181008

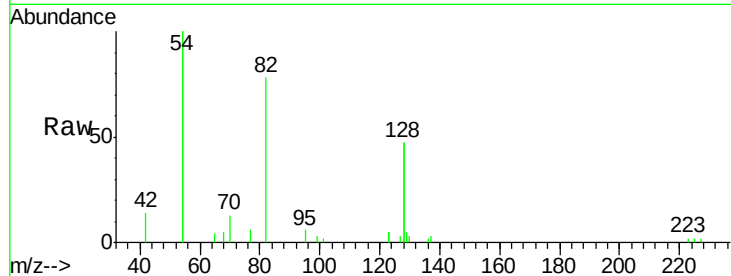
Tgt Ion: 82 Resp: 3727

Ion Ratio Lower Upper

82 100

128 121.9 129.9 194.9#

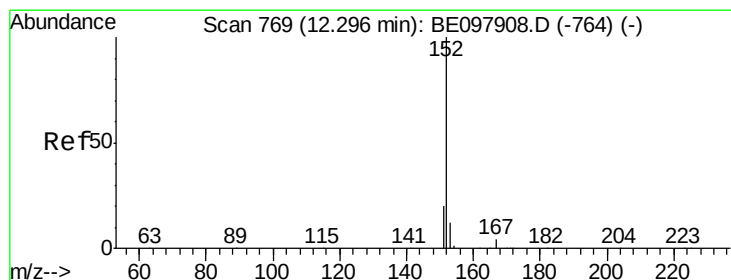
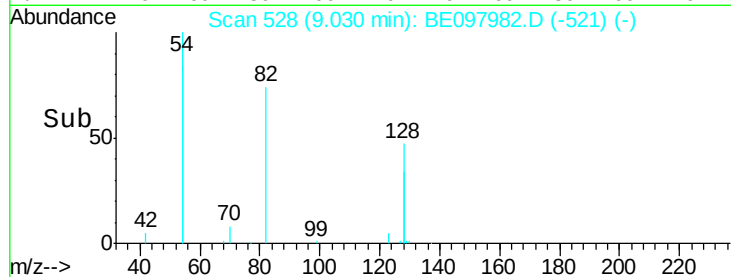
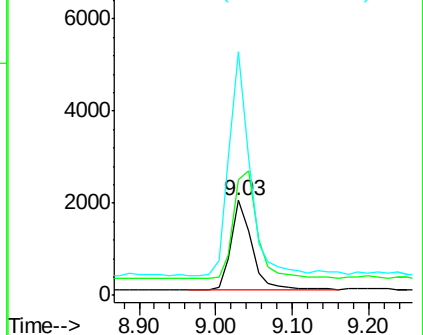
54 257.5 174.0 261.0



Abundance Ion 82.00 (81.70 to 82.70): BE097982.D (-521) (-)

Ion 128.00 (127.70 to 128.70): BE097982.D (-521) (-)

Ion 54.00 (53.70 to 54.70): BE097982.D (-521) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.368 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097982.D

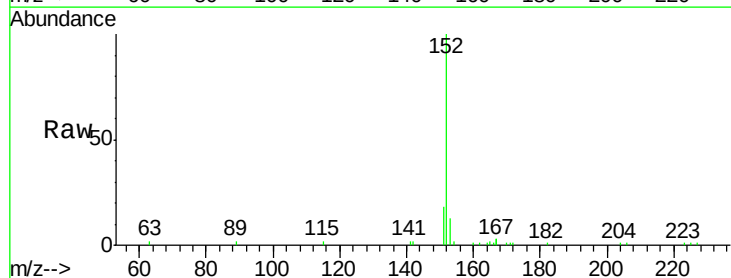
Acq: 18 Oct 2018 18:00

Tgt Ion: 152 Resp: 7120

Ion Ratio Lower Upper

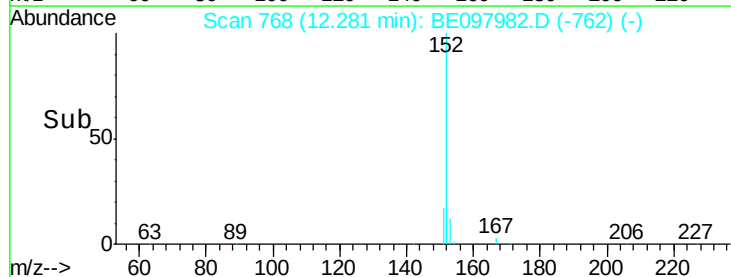
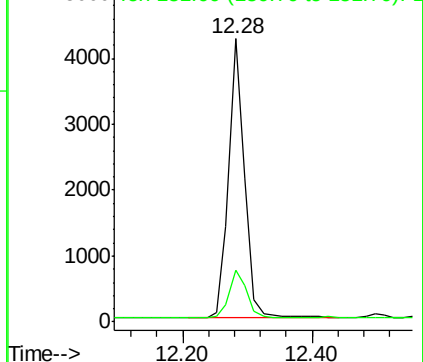
152 100

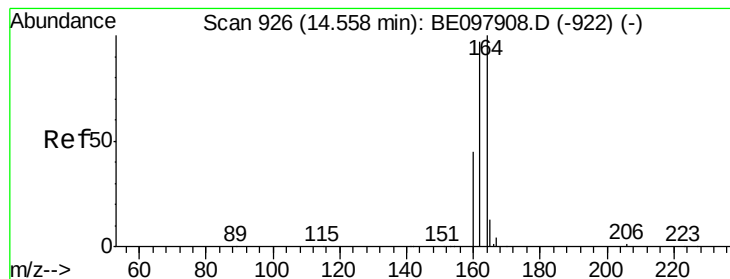
151 19.1 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BE097982.D (-762) (-)

Ion 151.00 (150.70 to 151.70): BE097982.D (-762) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.01 min

Lab File: BE097982.D

Acq: 18 Oct 2018 18:00

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181008

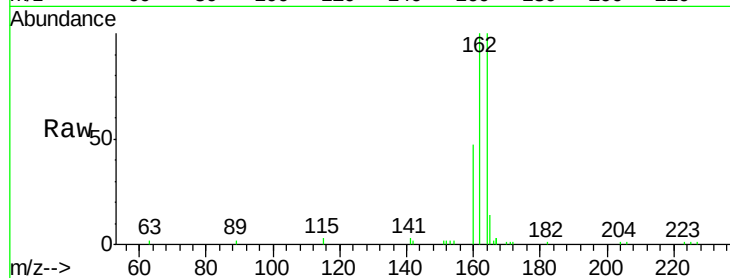
Tgt Ion:164 Resp: 8550

Ion Ratio Lower Upper

164 100

162 100.5 77.4 116.2

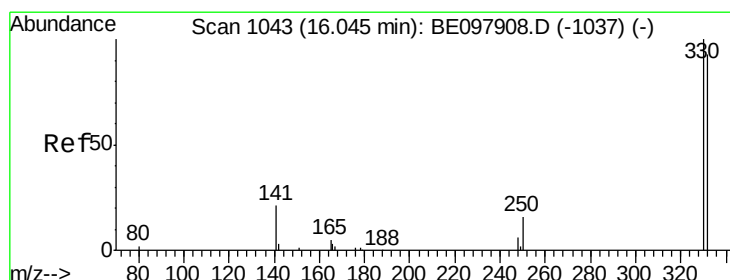
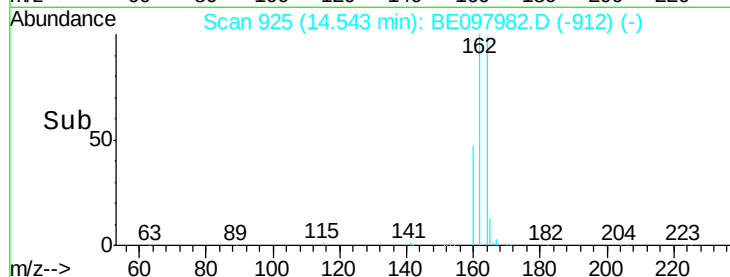
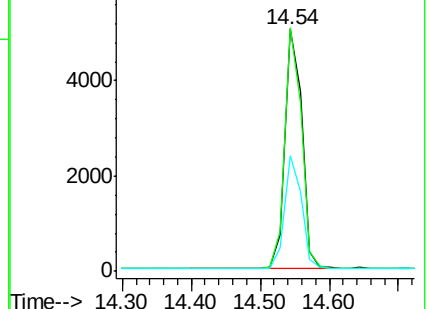
160 47.7 36.5 54.7



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

2,4,6-Tribromophenol

Concen: 0.188 ng

RT: 16.04 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE097982.D

Acq: 18 Oct 2018 18:00

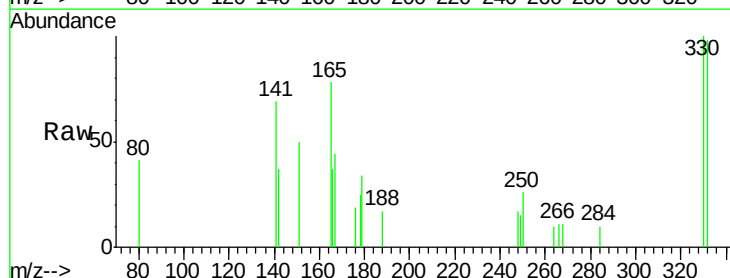
Tgt Ion:330 Resp: 866

Ion Ratio Lower Upper

330 100

332 96.4 76.5 114.7

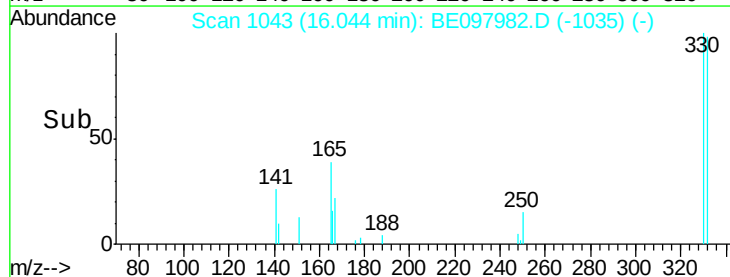
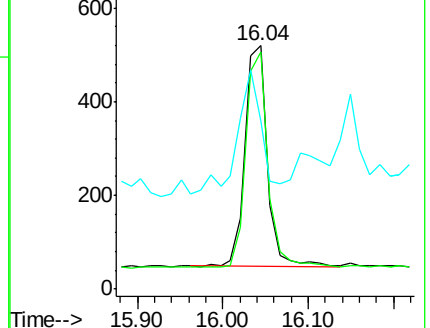
141 59.8 31.8 47.6#

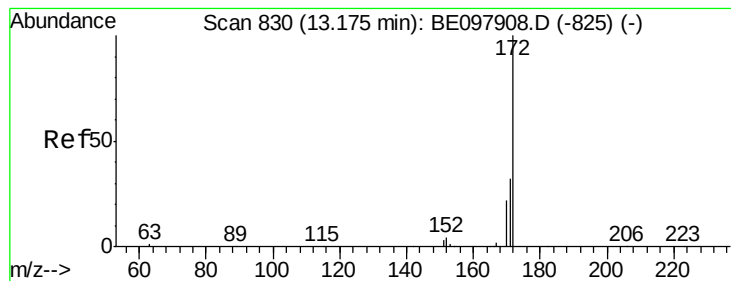


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

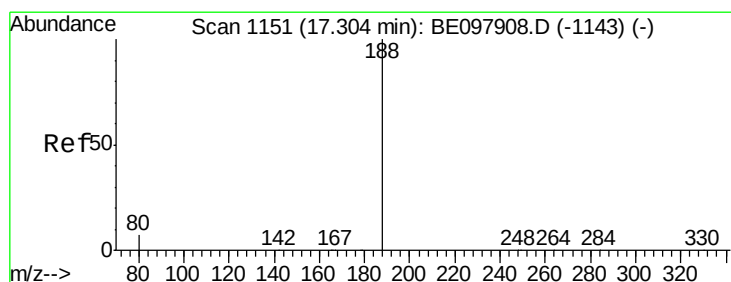
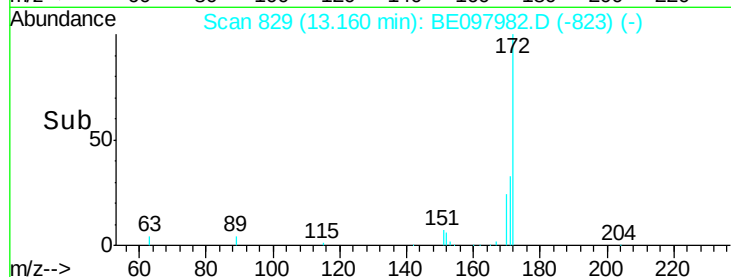
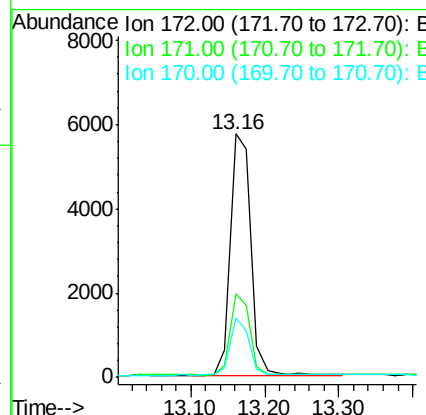
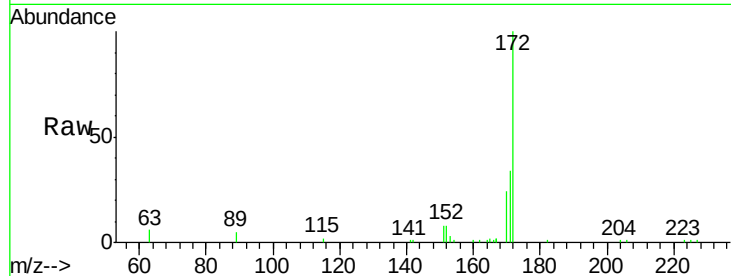




#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BE097982.D
Acq: 18 Oct 2018 18:00

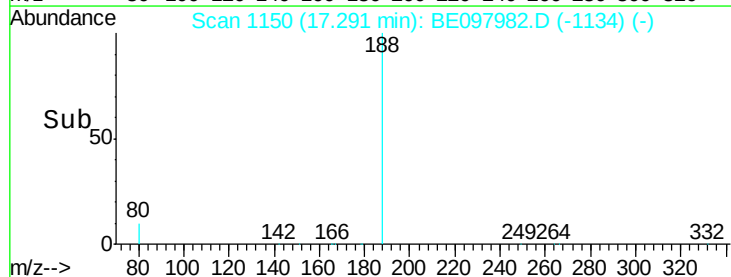
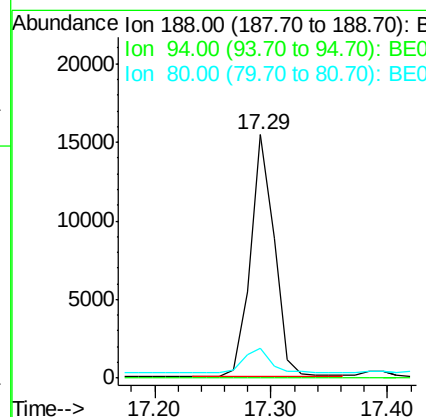
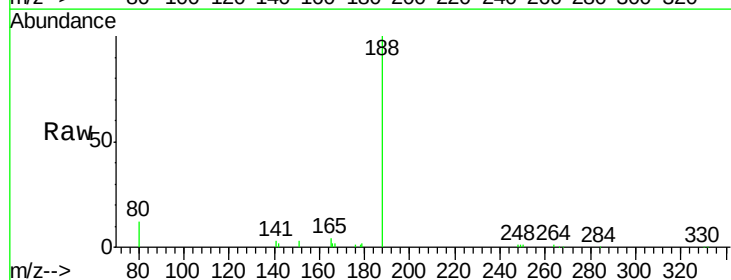
Instrument :
BNA_E
ClientSampleId :
KY038PS036-181008

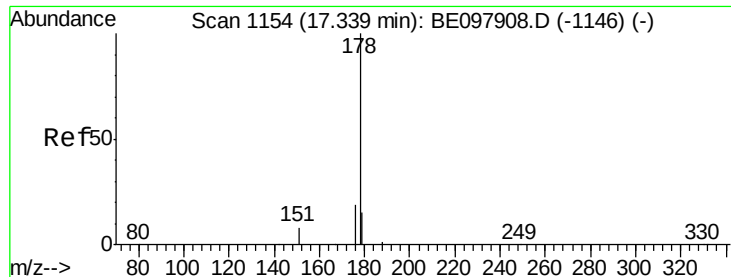
Tgt Ion:172 Resp: 10991
Ion Ratio Lower Upper
172 100
171 34.2 26.0 39.0
170 24.2 18.0 27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097982.D
Acq: 18 Oct 2018 18:00

Tgt Ion:188 Resp: 22017
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 6.3 9.5#





#23

Phenanthrene

Concen: 0.058 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097982.D

Acq: 18 Oct 2018 18:00

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181008

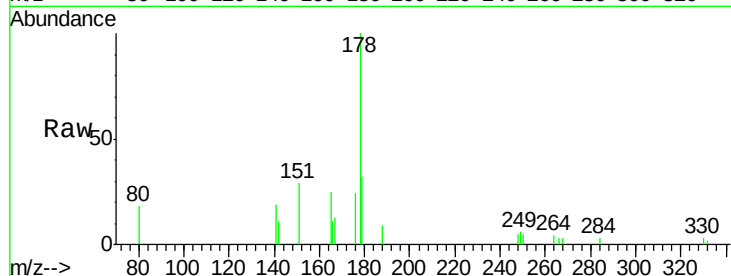
Tgt Ion:178 Resp: 3269

Ion Ratio Lower Upper

178 100

176 20.4 15.5 23.3

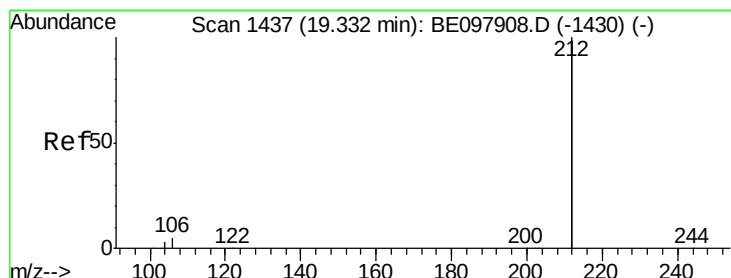
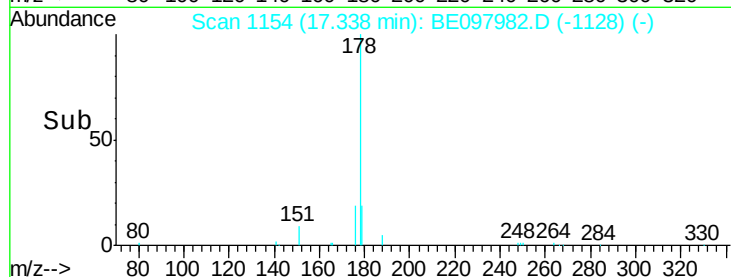
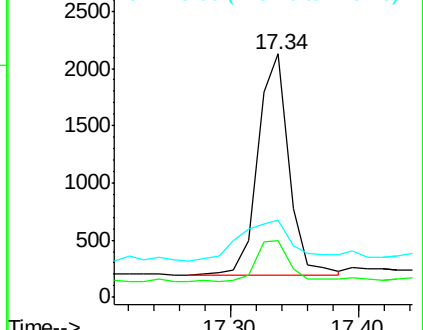
179 31.7 12.2 18.4#



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: 0.334 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097982.D

Acq: 18 Oct 2018 18:00

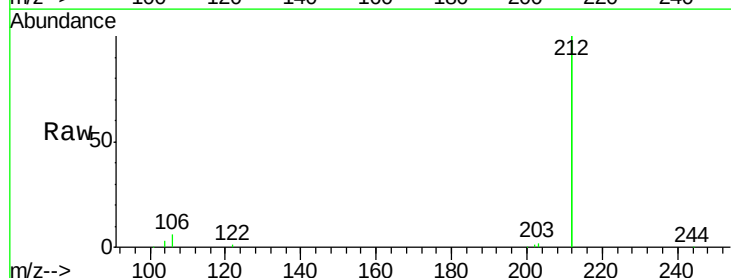
Tgt Ion:212 Resp: 99621

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

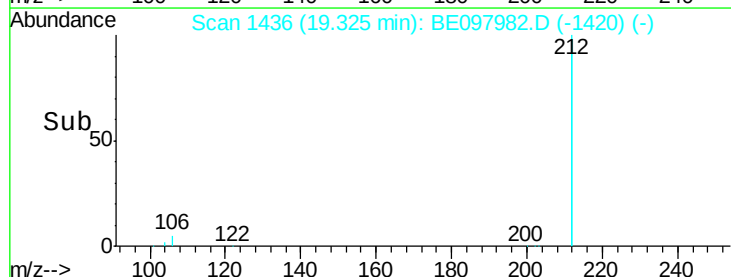
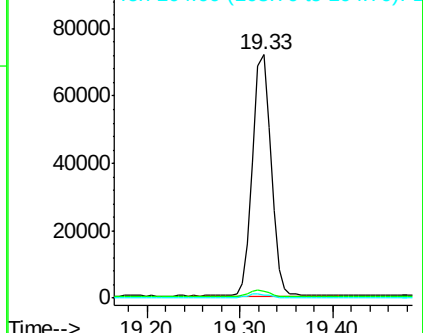
104 1.5 1.3 1.9

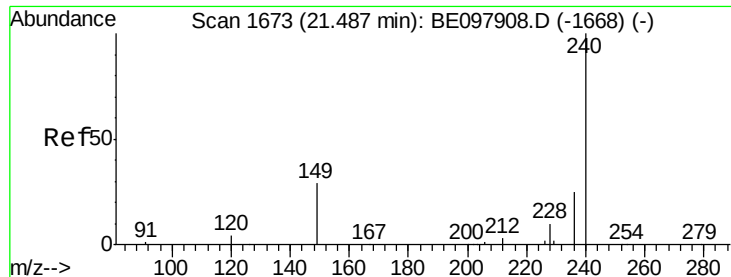


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

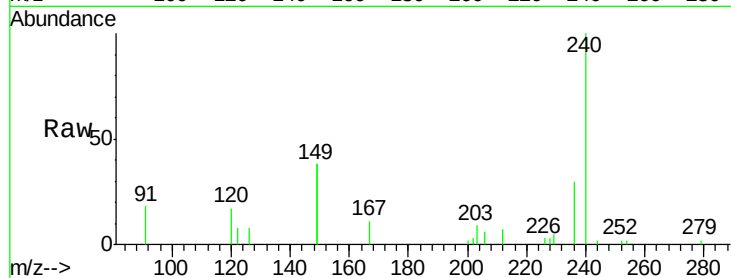




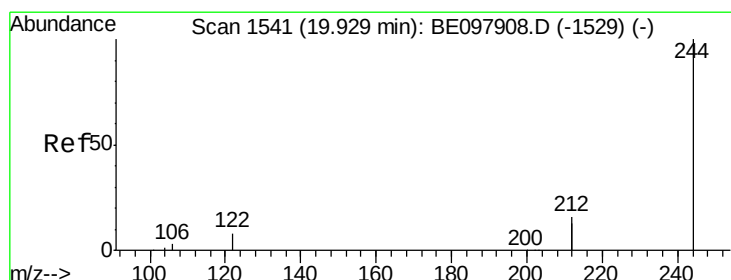
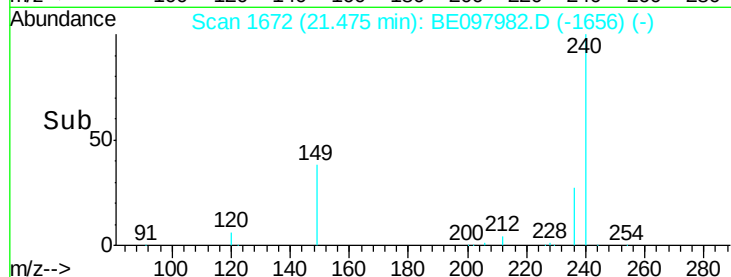
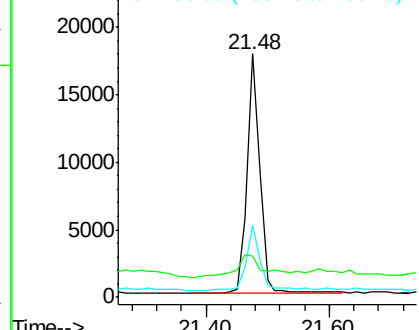
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.48 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BE097982.D
 Acq: 18 Oct 2018 18:00

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS036-181008

Tgt Ion: 240 Resp: 25033
 Ion Ratio Lower Upper
 240 100
 120 16.8 7.1 10.7#
 236 29.8 21.3 31.9

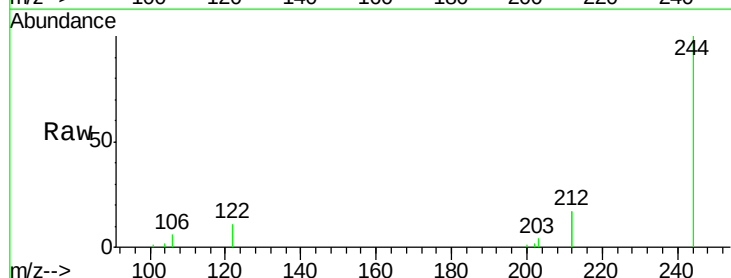


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

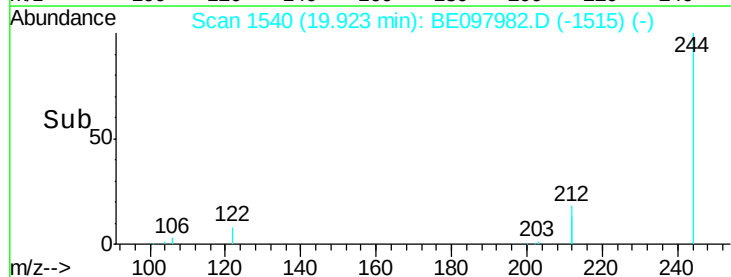
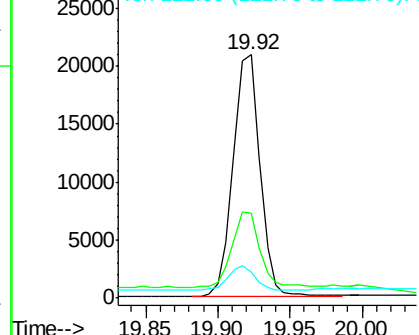


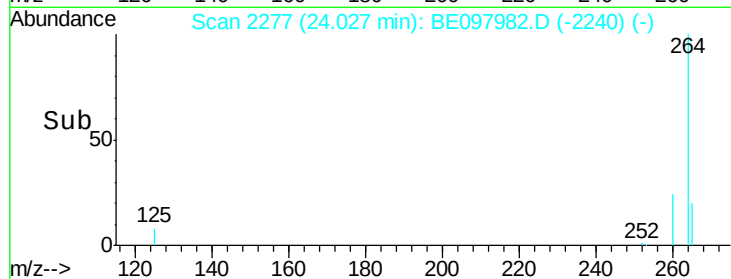
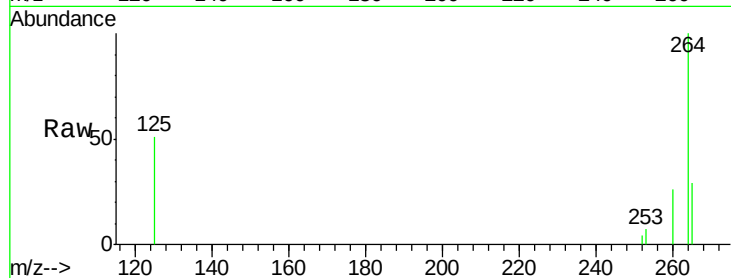
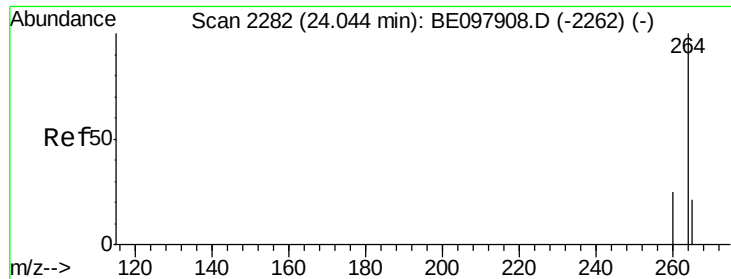
#29
 Terphenyl-d14
 Concen: 0.470 ng
 RT: 19.92 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BE097982.D
 Acq: 18 Oct 2018 18:00

Tgt Ion: 244 Resp: 26951
 Ion Ratio Lower Upper
 244 100
 212 34.8 26.2 39.2
 122 10.6 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: 24.03 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE097982.D

Acq: 18 Oct 2018 18:00

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181008

Tgt Ion: 264 Resp: 24509

Ion Ratio Lower Upper

264 100

260 26.1 21.1 31.7

265 29.3 29.2 43.8

