

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE082018\
 Data File : BE097341.D
 Acq On : 20 Aug 2018 20:43
 Operator : SJ/JU
 Sample : J4473-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-180813

Quant Time: Aug 21 05:23:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 20 18:32:10 2018
 Response via : Initial Calibration

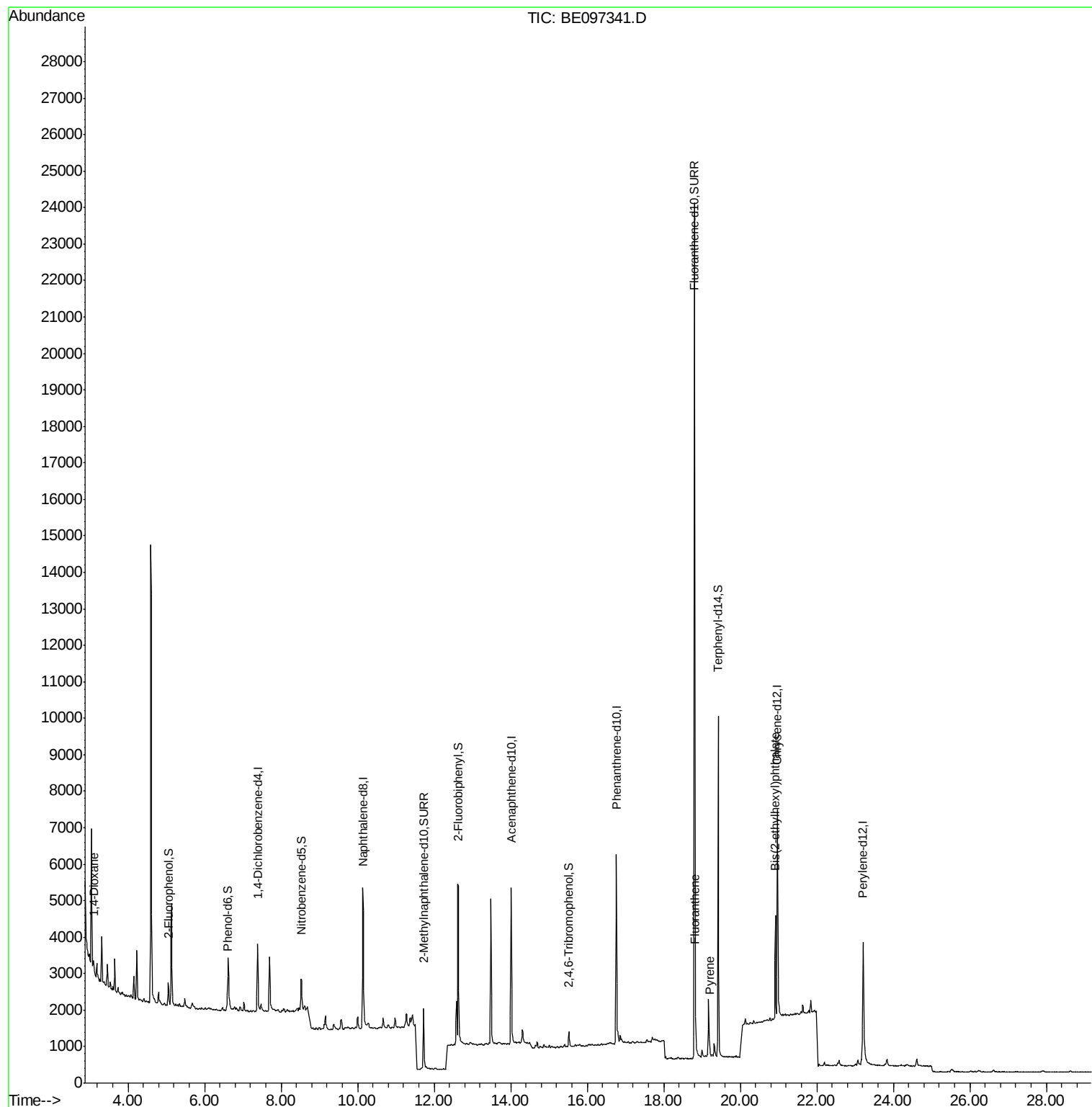
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	923	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	4708	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	2749	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	7050	0.40	ng	0.00
27) Chrysene-d12	20.97	240	6527	0.40	ng	-0.01
34) Perylene-d12	23.21	264	5698	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	383	0.18	ng	0.00
5) Phenol-d6	6.60	99	314	0.10	ng	0.00
8) Nitrobenzene-d5	8.52	82	973	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2570	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	246	0.48	ng	-0.01
15) 2-Fluorobiphenyl	12.63	172	5007	0.44	ng	0.00
25) Fluoranthene-d10	18.80	212	30992	0.49	ng	0.00
29) Terphenyl-d14	19.42	244	8637	0.66	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.09	88	184	0.111	ng	Qvalue # 61
26) Fluoranthene	18.83	202	428	0.026	ng	# 96
28) Pyrene	19.20	202	381	0.022	ng	98
32) Bis(2-ethylhexyl)phthalate	20.92	149	3287	0.413	ng	# 99

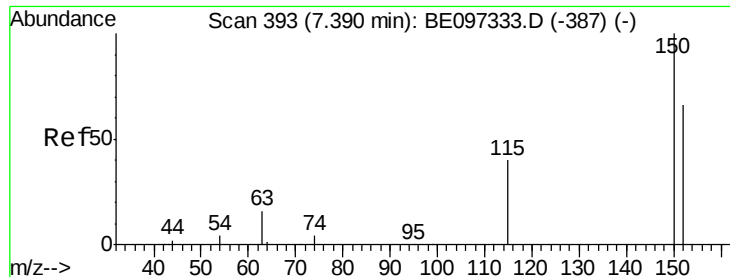
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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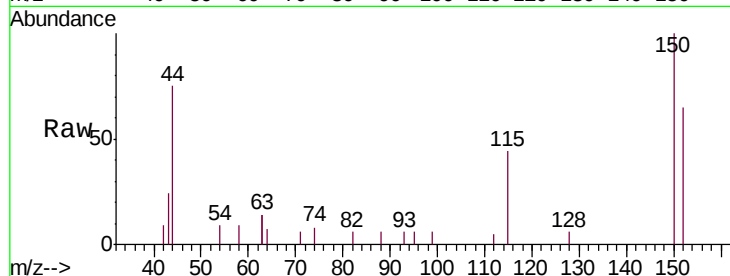


#1

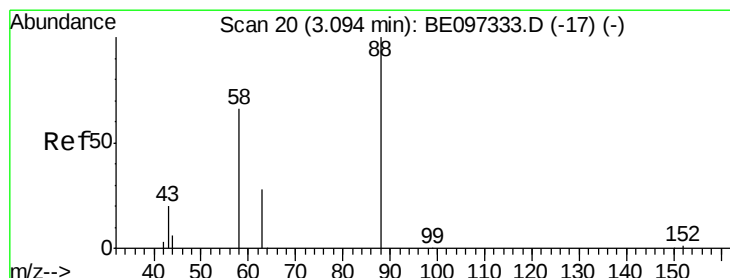
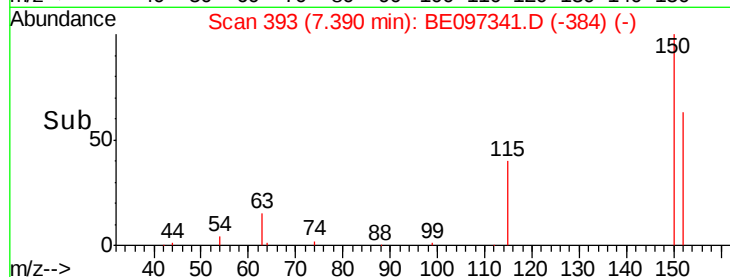
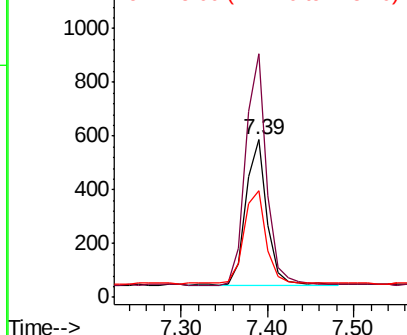
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Instrument :
BNA_E
ClientSampleId :
KY038PS027-180813

Tgt Ion: 152 Resp: 923
Ion Ratio Lower Upper
152 100
150 154.6 117.2 175.8
115 67.4 57.0 85.6



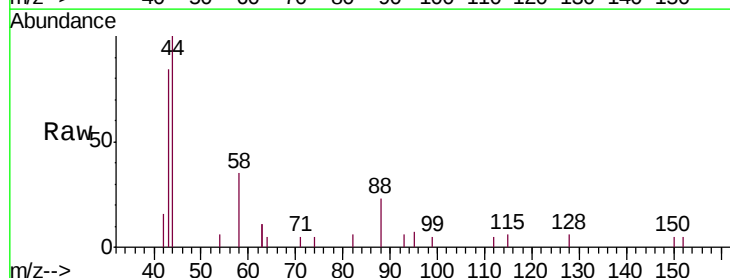
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



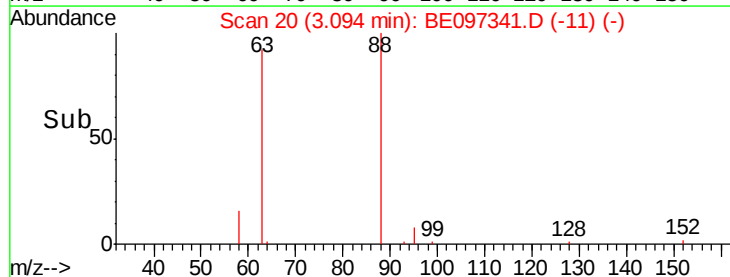
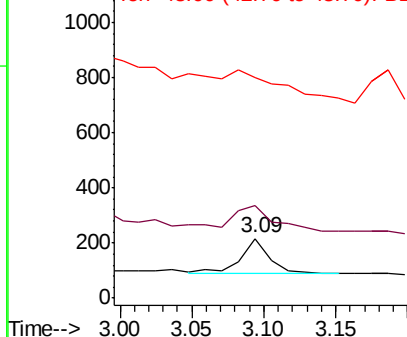
#2

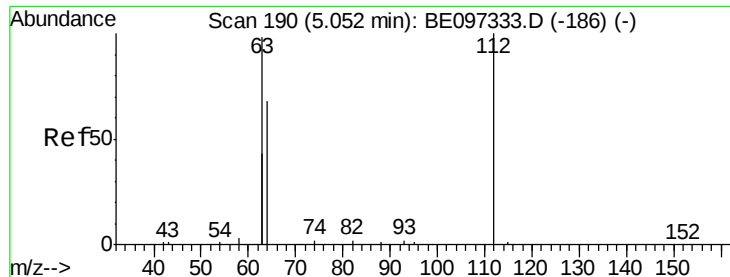
1,4-Dioxane
Concen: 0.111 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Tgt Ion: 88 Resp: 184
Ion Ratio Lower Upper
88 100
58 92.9 63.2 94.8
43 0.0 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: 0.181 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097341.D

Acq: 20 Aug 2018 20:43

Instrument :

BNA_E

ClientSampleId :

KY038PS027-180813

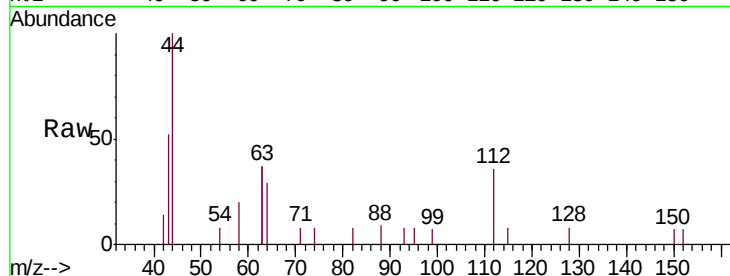
Tgt Ion: 112 Resp: 383

Ion Ratio Lower Upper

112 100

64 64.8 60.1 90.1

63 145.4 116.8 175.2

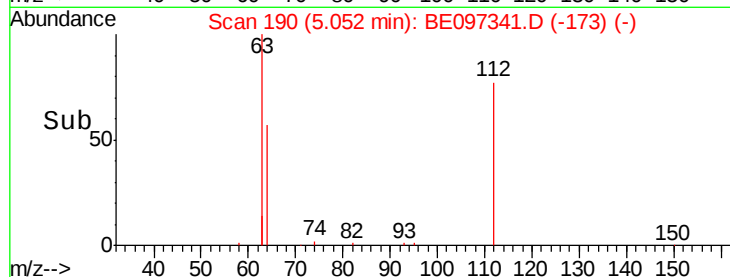


Abundance Ion 112.00 (111.70 to 112.70): BE0

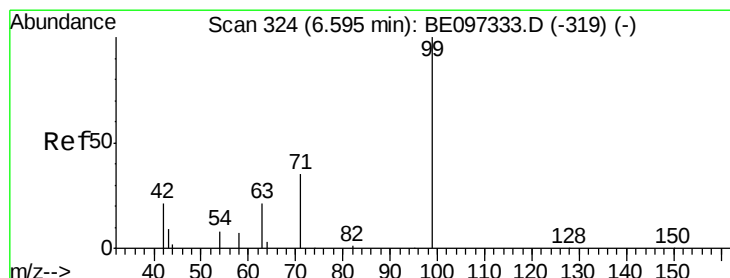
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time--> 4.90 5.00 5.10 5.20



Time--> 4.90 5.00 5.10 5.20



#5

Phenol-d6

Concen: 0.100 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097341.D

Acq: 20 Aug 2018 20:43

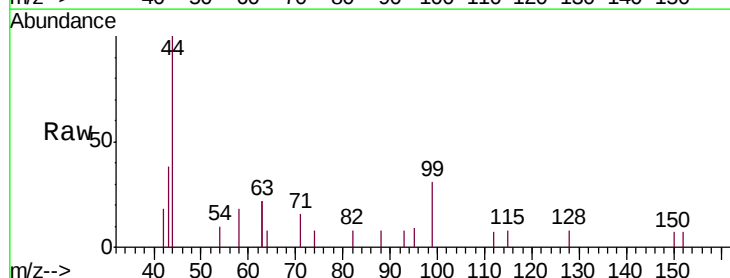
Tgt Ion: 99 Resp: 314

Ion Ratio Lower Upper

99 100

42 36.0 20.2 30.2#

71 41.7 28.4 42.6

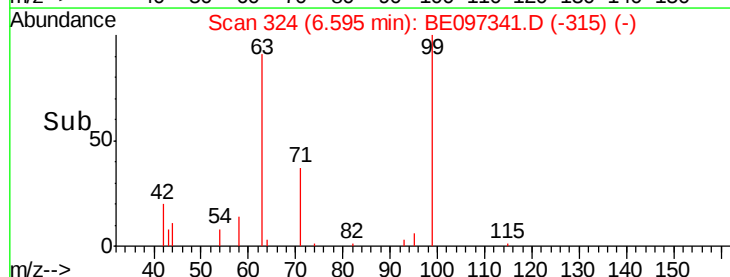


Abundance Ion 99.00 (98.70 to 99.70): BE0

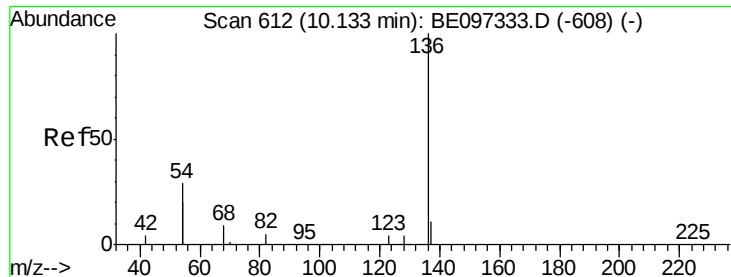
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time--> 6.50 6.55 6.60 6.65



Time--> 6.50 6.55 6.60 6.65



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097341.D

Acq: 20 Aug 2018 20:43

Instrument :

BNA_E

ClientSampleId :

KY038PS027-180813

Tgt Ion: 136 Resp: 4708

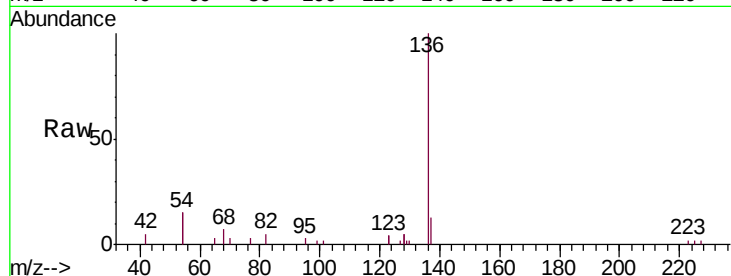
Ion Ratio Lower Upper

136 100

137 12.9 9.5 14.3

54 31.0 29.1 43.7

68 6.8 6.2 9.2

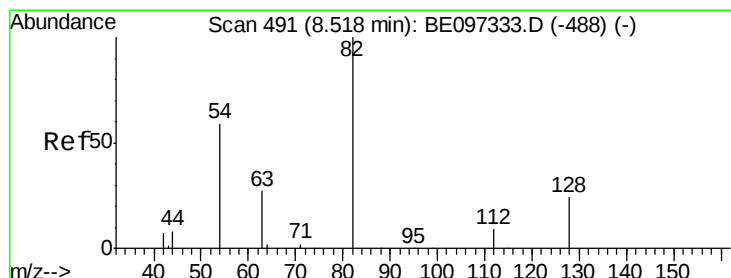
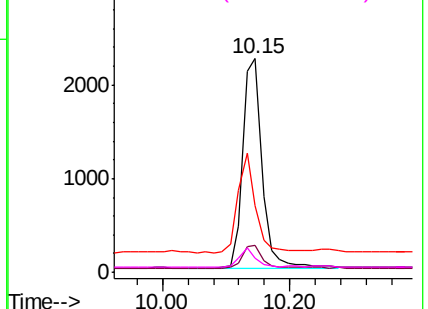
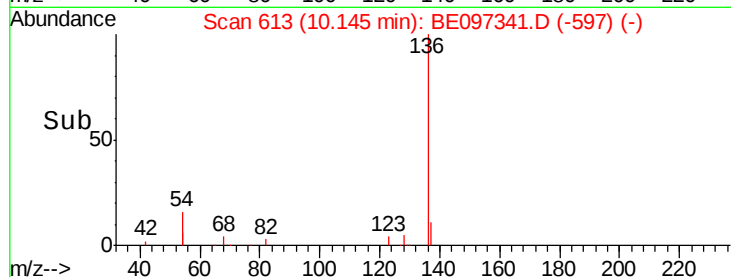


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.483 ng

RT: 8.52 min Scan# 491

Delta R.T. 0.00 min

Lab File: BE097341.D

Acq: 20 Aug 2018 20:43

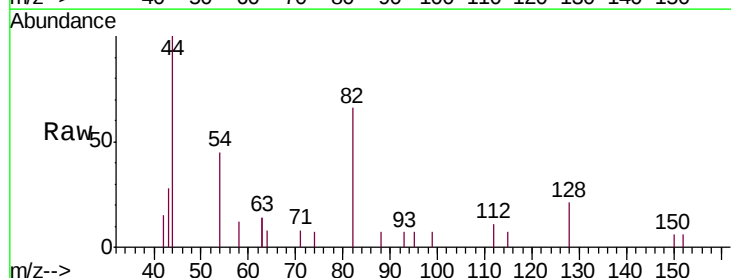
Tgt Ion: 82 Resp: 973

Ion Ratio Lower Upper

82 100

128 31.3 24.0 36.0

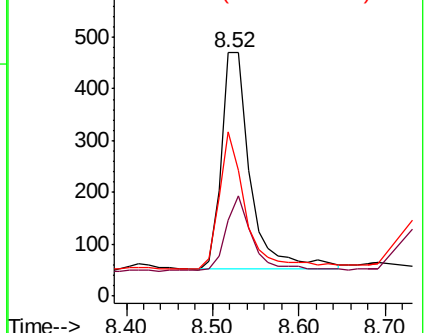
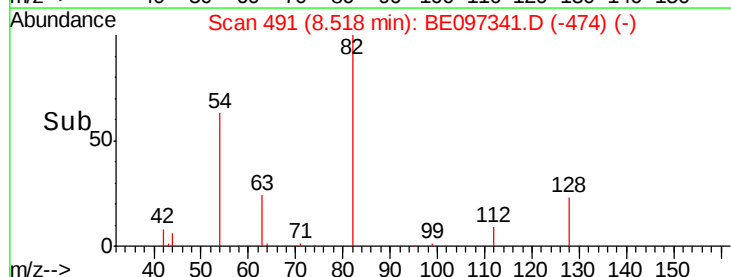
54 67.7 40.0 60.0#

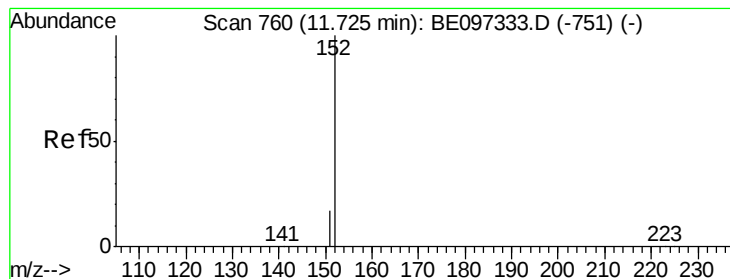


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.404 ng

RT: 11.72 min Scan# 760

Delta R.T. -0.00 min

Lab File: BE097341.D

Acq: 20 Aug 2018 20:43

Instrument :

BNA_E

ClientSampleId :

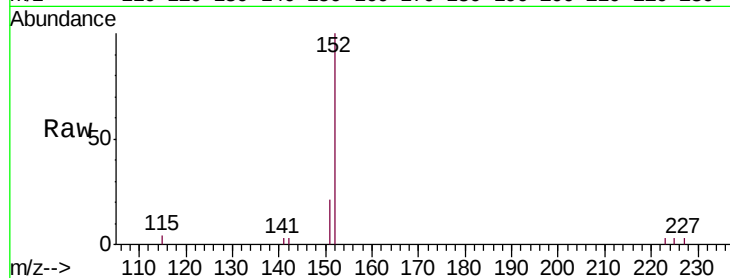
KY038PS027-180813

Tgt Ion:152 Resp: 2570

Ion Ratio Lower Upper

152 100

151 18.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.72

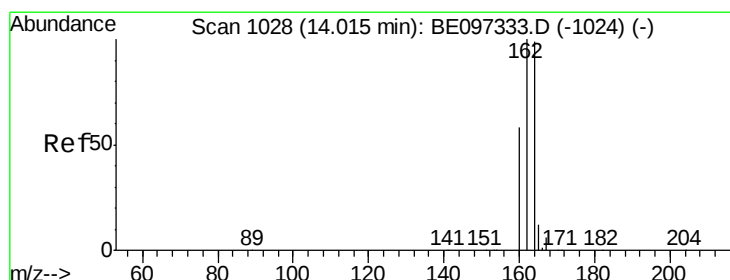
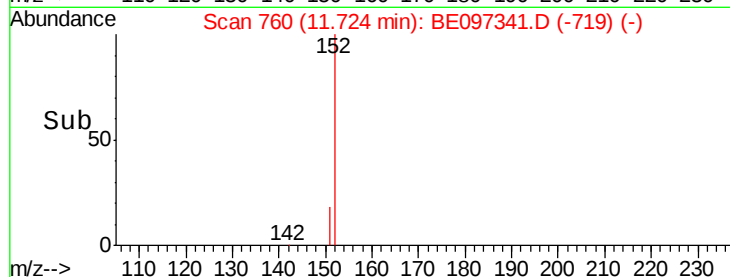
1500

1000

500

0

Time--> 11.60 11.70 11.80



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE097341.D

Acq: 20 Aug 2018 20:43

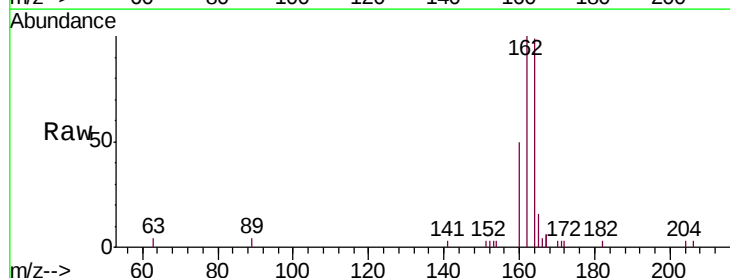
Tgt Ion:164 Resp: 2749

Ion Ratio Lower Upper

164 100

162 101.4 83.1 124.7

160 51.0 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

14.01

2000

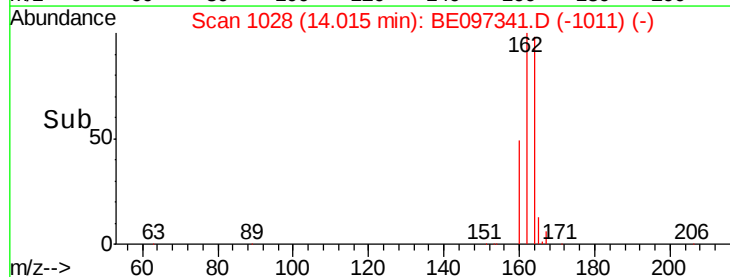
1500

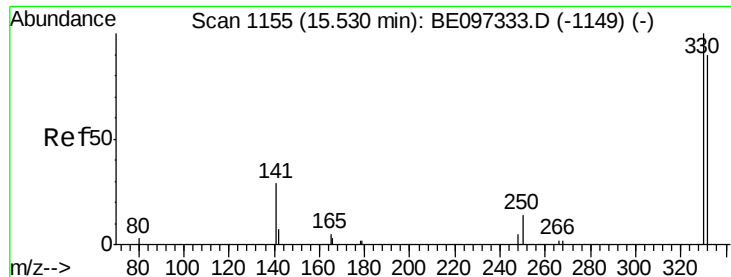
1000

500

0

Time--> 14.00 14.20

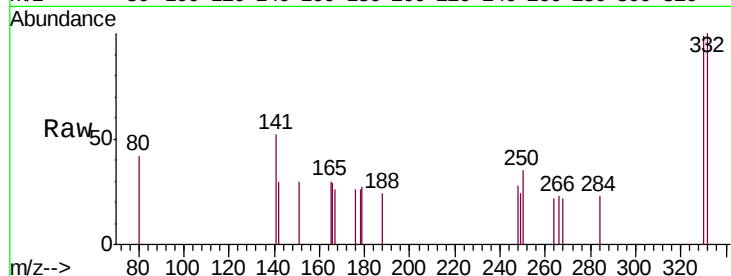




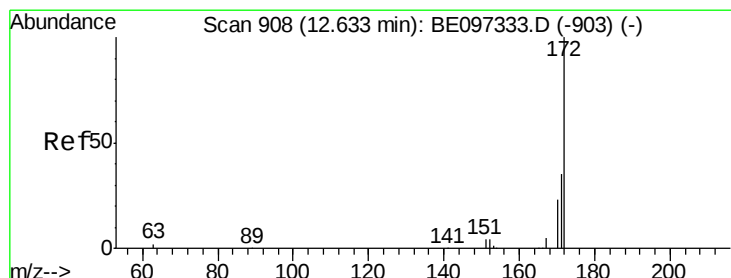
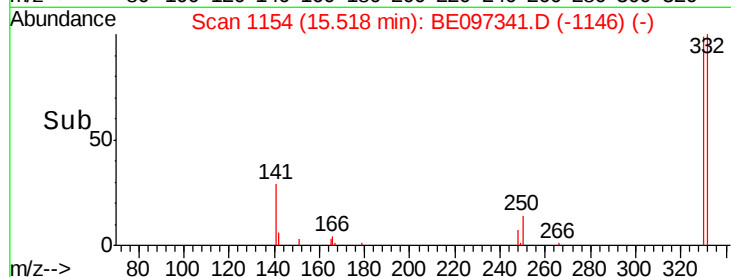
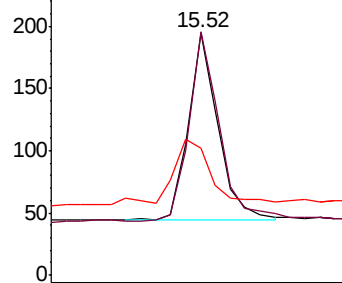
#14
 2,4,6-Tribromophenol
 Concen: 0.481 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BE097341.D
 Acq: 20 Aug 2018 20:43

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-180813

Tgt Ion: 330 Resp: 246
 Ion Ratio Lower Upper
 330 100
 332 106.1 152.7 229.1#
 141 43.9 33.7 50.5

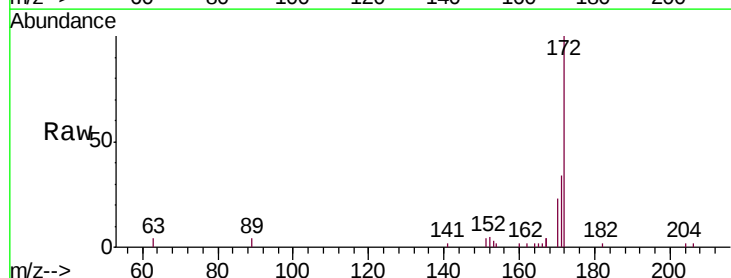


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

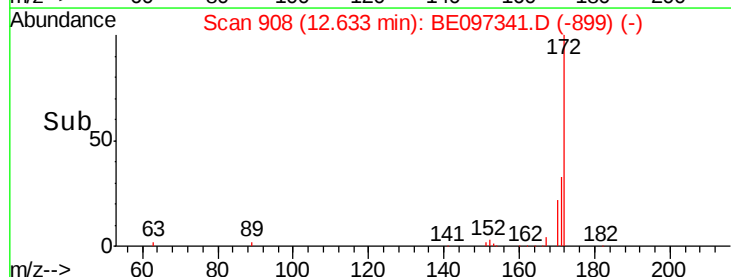
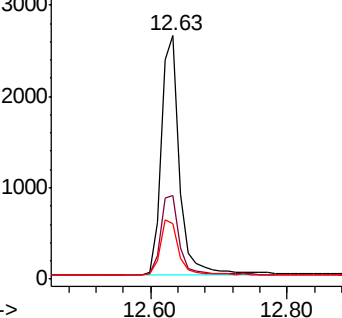


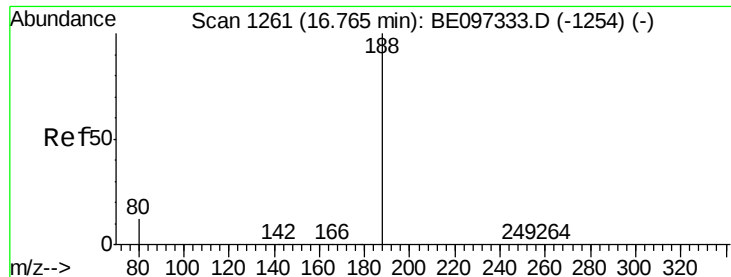
#15
 2-Fluorobiphenyl
 Concen: 0.444 ng
 RT: 12.63 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BE097341.D
 Acq: 20 Aug 2018 20:43

Tgt Ion: 172 Resp: 5007
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.9 44.9
 170 22.8 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: 16.76 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE097341.D

Acq: 20 Aug 2018 20:43

Instrument :

BNA_E

ClientSampleId :

KY038PS027-180813

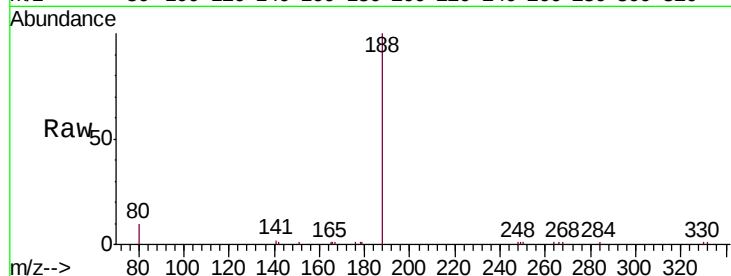
Tgt Ion:188 Resp: 7050

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

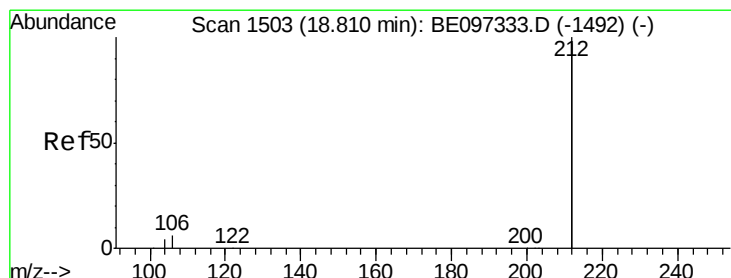
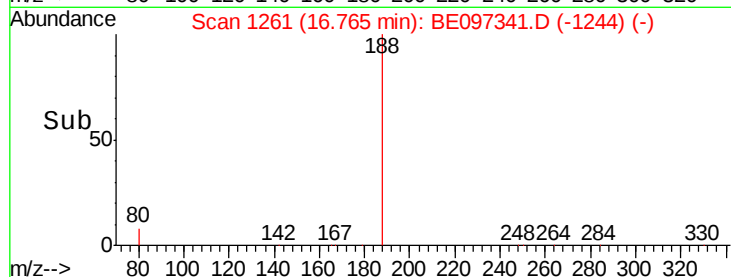
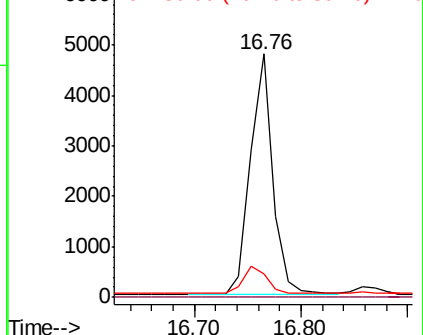
80 9.9 3.6 5.4#



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



#25

Fluoranthene-d10

Concen: 0.493 ng

RT: 18.80 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BE097341.D

Acq: 20 Aug 2018 20:43

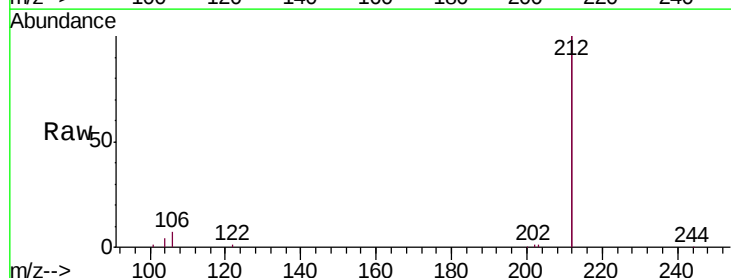
Tgt Ion:212 Resp: 30992

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

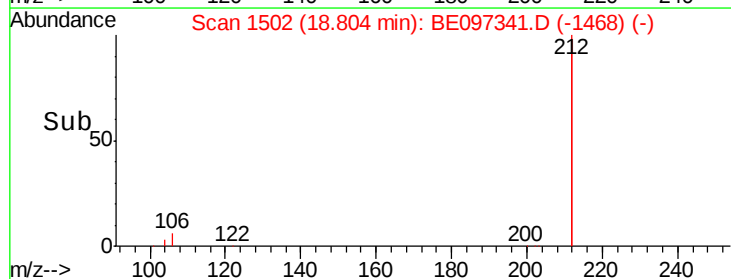
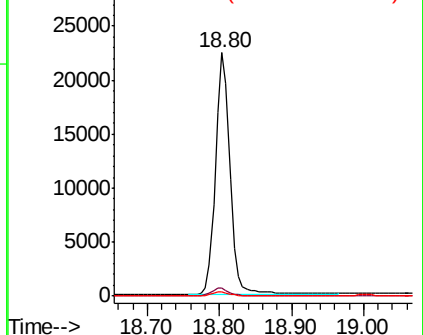
104 1.7 1.6 2.4

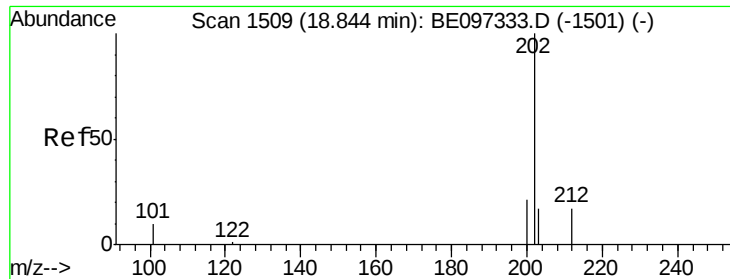


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

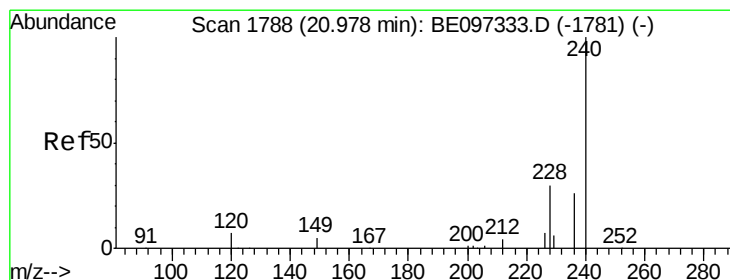
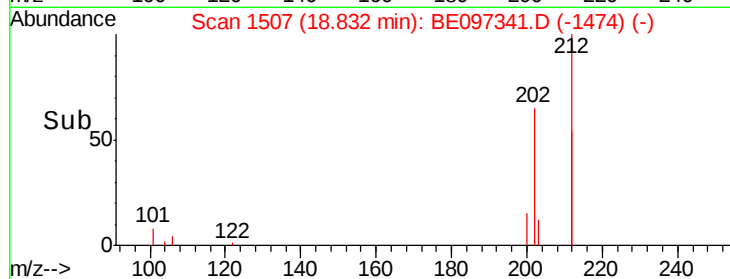
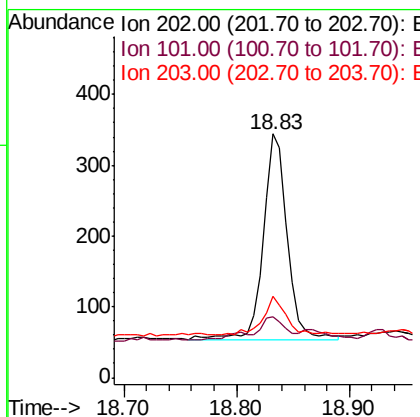
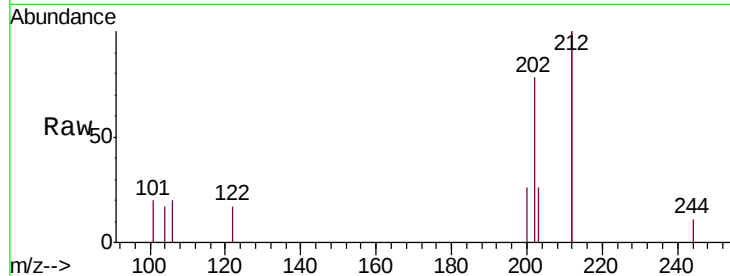




#26
 Fluoranthene
 Concen: 0.026 ng
 RT: 18.83 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BE097341.D
 Acq: 20 Aug 2018 20:43

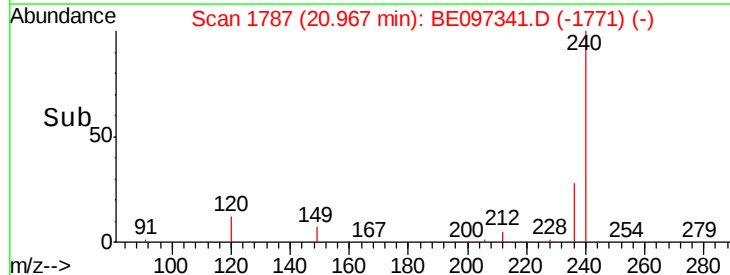
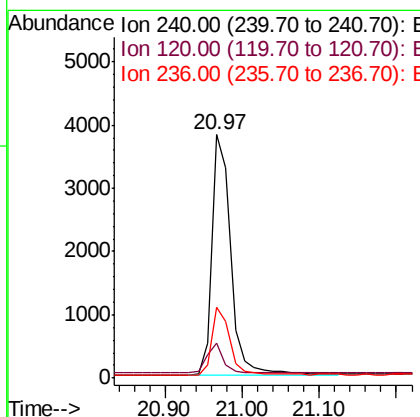
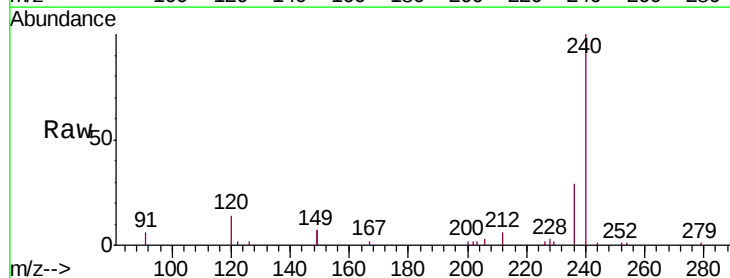
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-180813

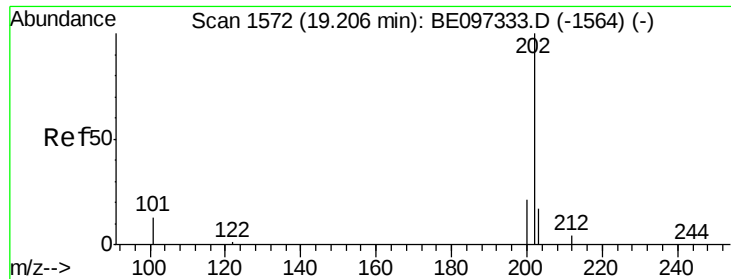
Tgt Ion: 202 Resp: 428
 Ion Ratio Lower Upper
 202 100
 101 8.4 9.8 14.8#
 203 17.3 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BE097341.D
 Acq: 20 Aug 2018 20:43

Tgt Ion: 240 Resp: 6527
 Ion Ratio Lower Upper
 240 100
 120 14.3 5.5 8.3#
 236 28.9 20.7 31.1





#28

Pyrene

Concen: 0.022 ng

RT: 19.20 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BE097341.D

Acq: 20 Aug 2018 20:43

Instrument :

BNA_E

ClientSampleId :

KY038PS027-180813

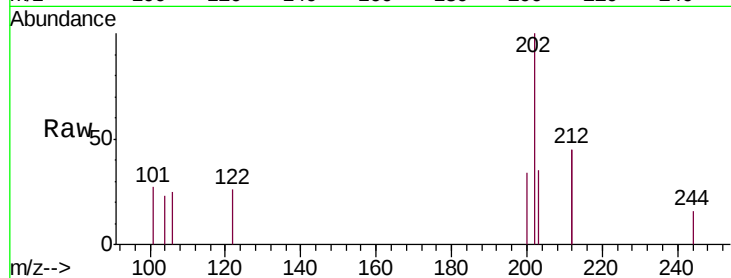
Tgt Ion:202 Resp: 381

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

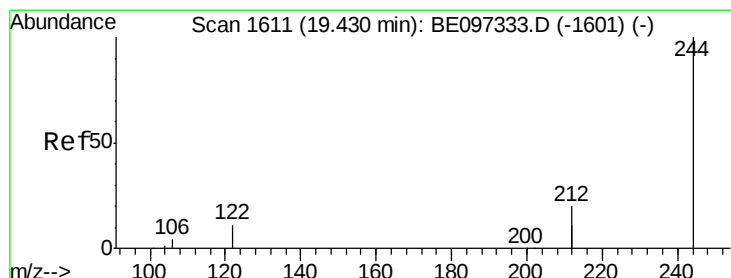
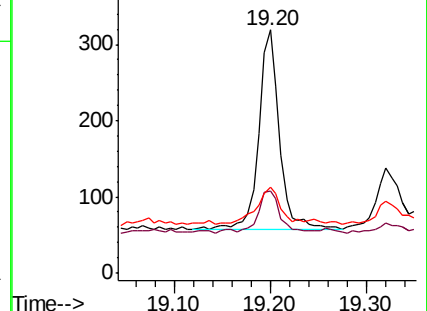
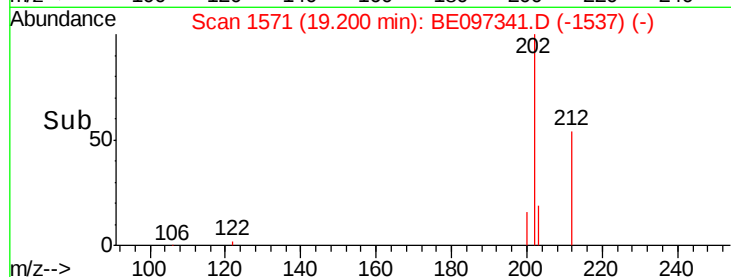
203 19.4 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.661 ng

RT: 19.42 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BE097341.D

Acq: 20 Aug 2018 20:43

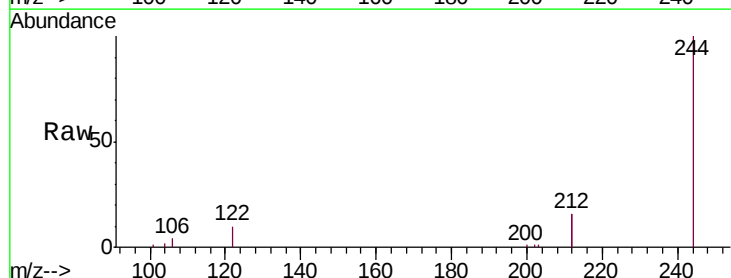
Tgt Ion:244 Resp: 8637

Ion Ratio Lower Upper

244 100

212 32.7 25.4 38.0

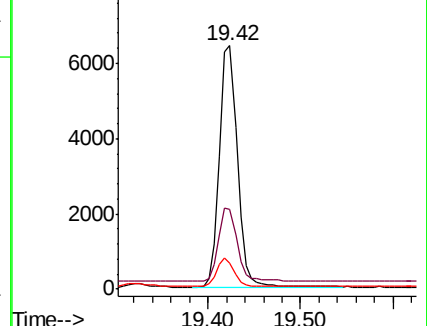
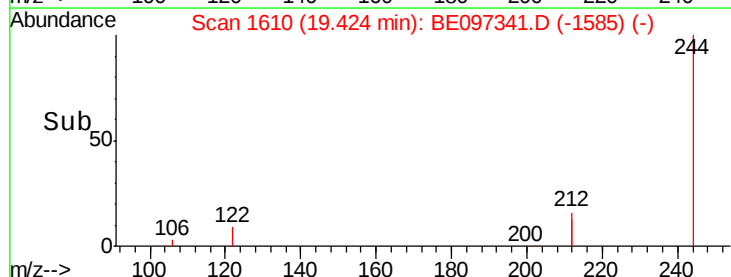
122 10.5 8.1 12.1

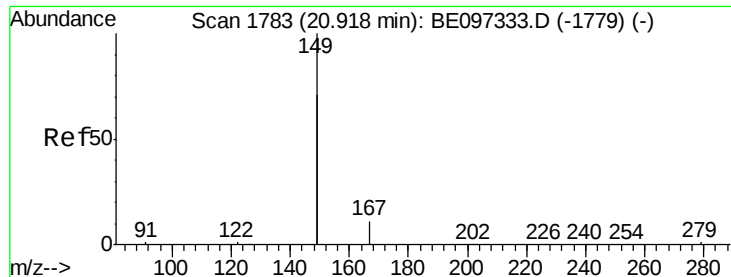


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

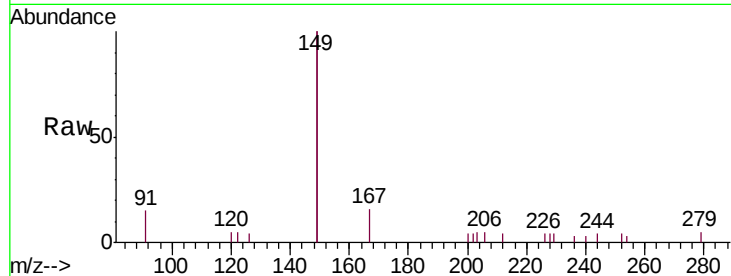




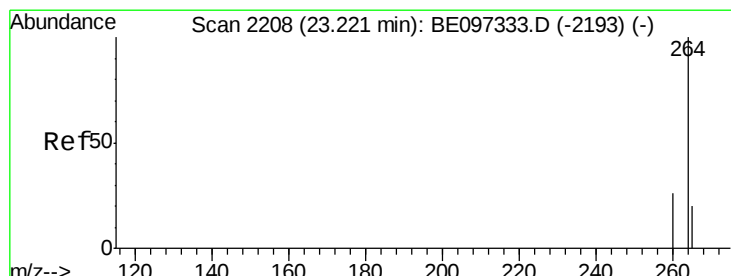
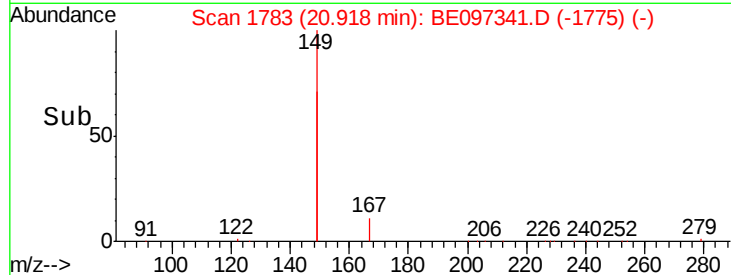
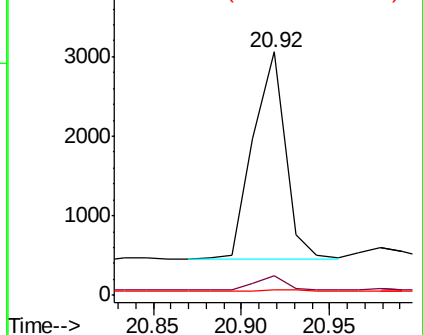
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.413 ng
 RT: 20.92 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BE097341.D
 Acq: 20 Aug 2018 20:43

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-180813

Tgt Ion:149 Resp: 3287
 Ion Ratio Lower Upper
 149 100
 167 6.5 5.4 8.0
 279 1.2 0.7 1.1#

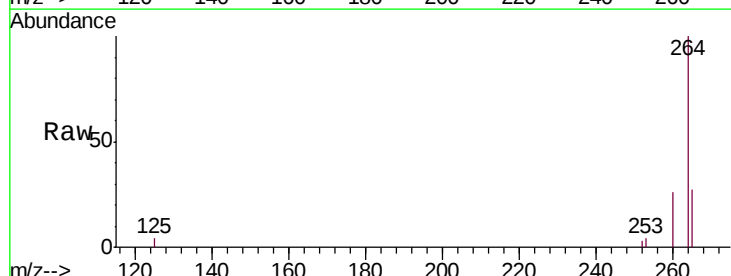


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BE097341.D
 Acq: 20 Aug 2018 20:43

Tgt Ion:264 Resp: 5698
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.5 30.7
 265 26.9 22.8 34.2



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

