

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
 Data File : BE096922.D
 Acq On : 14 Jul 2018 3:11
 Operator : SJ/JU
 Sample : J3921-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-180709

Quant Time: Jul 14 04:41:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 17:02:57 2018
 Response via : Initial Calibration

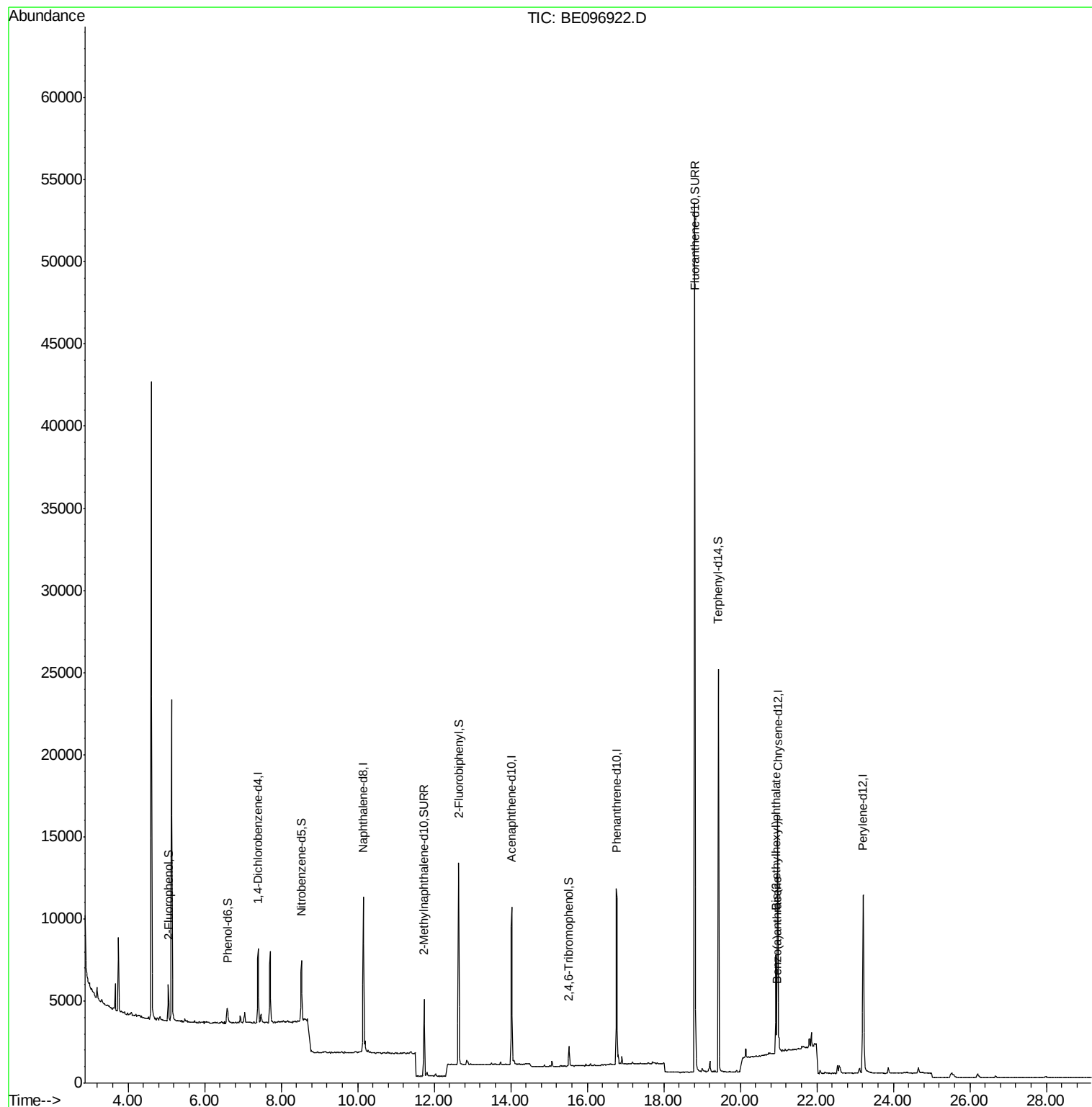
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2130	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	10425	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	5896	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	15953	0.40	ng	0.01
27) Chrysene-d12	20.98	240	14380	0.40	ng	0.00
34) Perylene-d12	23.21	264	15173	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1013	0.21	ng	0.00
5) Phenol-d6	6.59	99	893	0.13	ng	0.00
8) Nitrobenzene-d5	8.53	82	3335	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	6437	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	756	0.53	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	11891	0.55	ng	0.00
25) Fluoranthene-d10	18.81	212	68571	0.49	ng	0.00
29) Terphenyl-d14	19.43	244	20642	0.74	ng	0.00
Target Compounds						
30) Benzo(a)anthracene	20.95	228	650	0.020	ng	# 83
32) Bis(2-ethylhexyl)phthalate	20.93	149	6375	0.223	ng	# 100

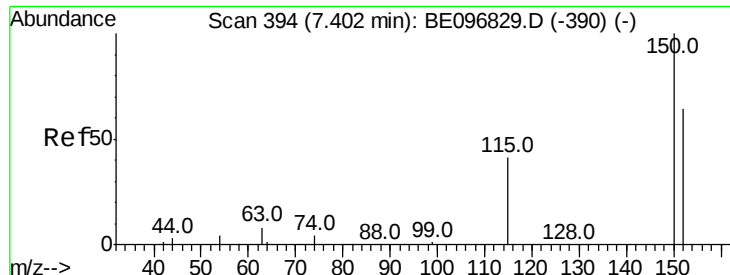
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
Data File : BE096922.D
Acq On : 14 Jul 2018 3:11
Operator : SJ/JU
Sample : J3921-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS034-180709

Quant Time: Jul 14 04:41:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 13 17:02:57 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 394

Delta R.T. 0.01 min

Lab File: BE096922.D

Acq: 14 Jul 2018 3:11

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180709

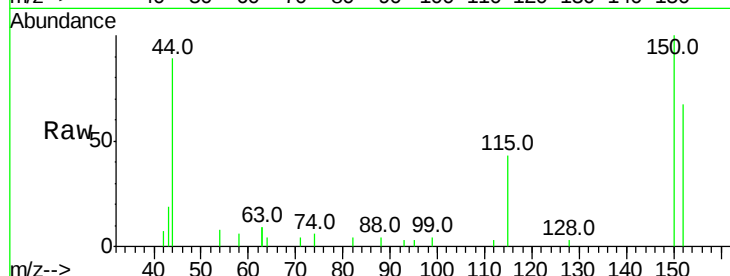
Tot Ion:152 Resp: 2130

Ion Ratio Lower Upper

152 100

150 148.6 117.2 175.8

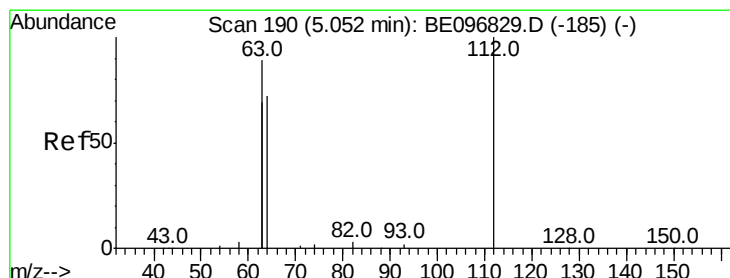
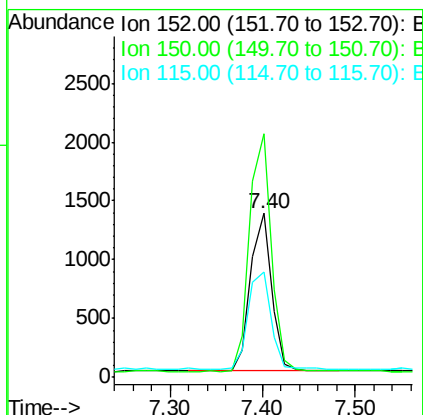
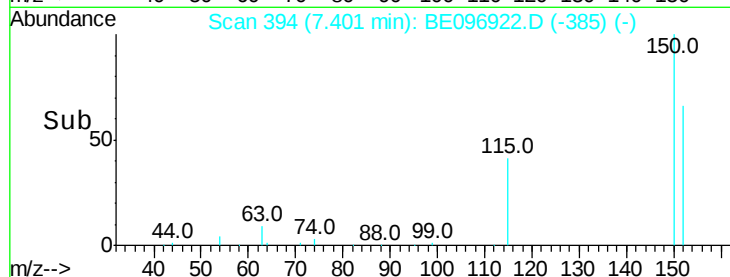
115 64.0 57.0 85.6



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



#4

2-Fluorophenol

Concen: 0.213 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE096922.D

Acq: 14 Jul 2018 3:11

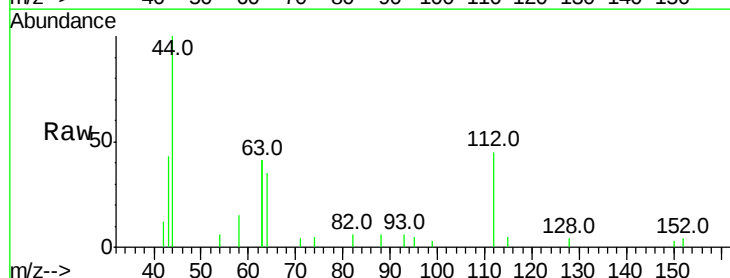
Tgt Ion:112 Resp: 1013

Ion Ratio Lower Upper

112 100

64 69.1 60.1 90.1

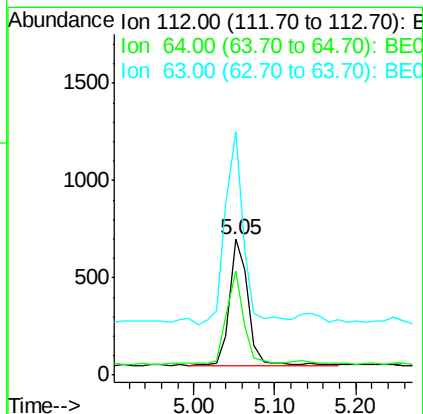
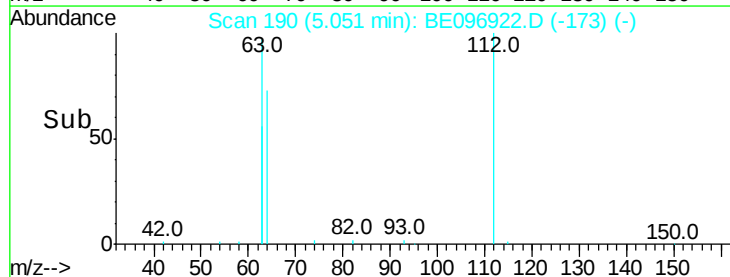
63 154.3 116.8 175.2

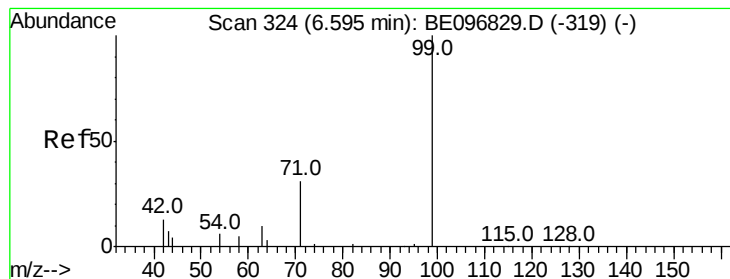


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.126 ng

RT: 6.59 min Scan# 324

Delta R.T. 0.01 min

Lab File: BE096922.D

Acq: 14 Jul 2018 3:11

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180709

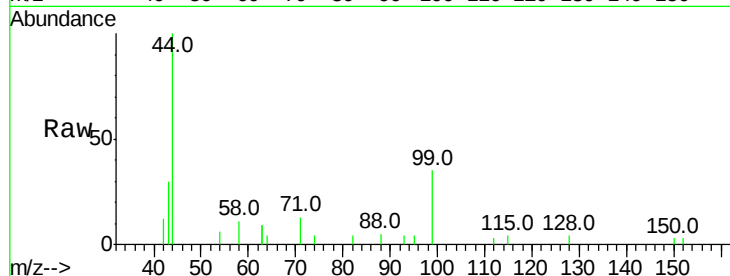
Tot Ion: 99 Resp: 893

Ion Ratio Lower Upper

99 100

42 26.4 20.2 30.2

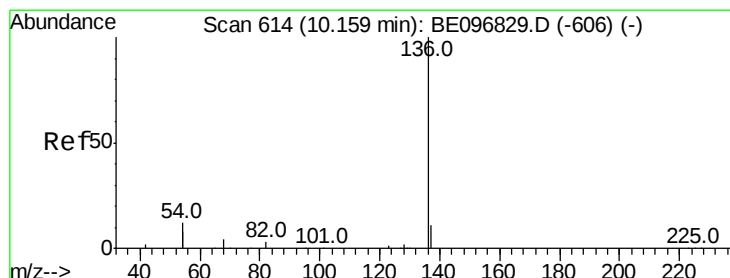
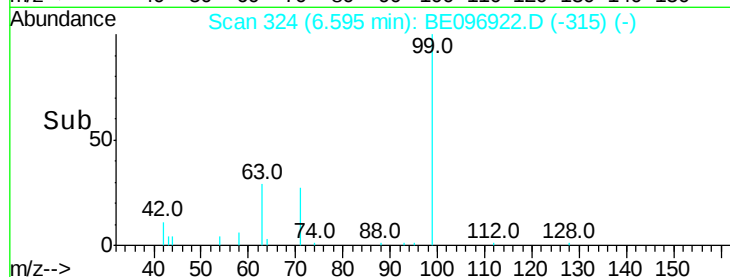
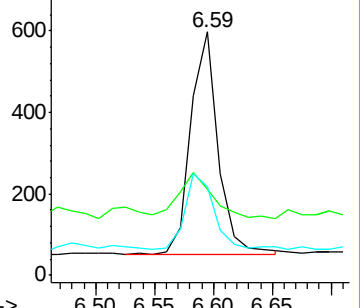
71 34.9 28.4 42.6



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE096922.D

Acq: 14 Jul 2018 3:11

Tgt Ion: 136 Resp: 10425

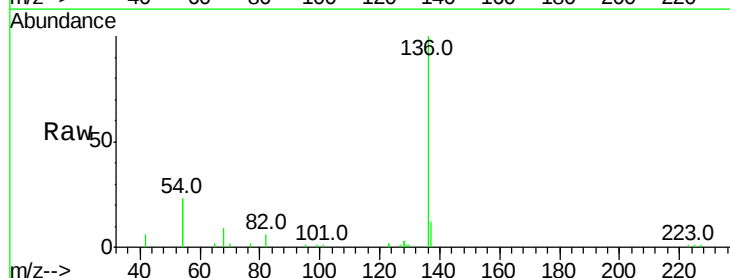
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 46.5 29.1 43.7#

68 9.0 6.2 9.2

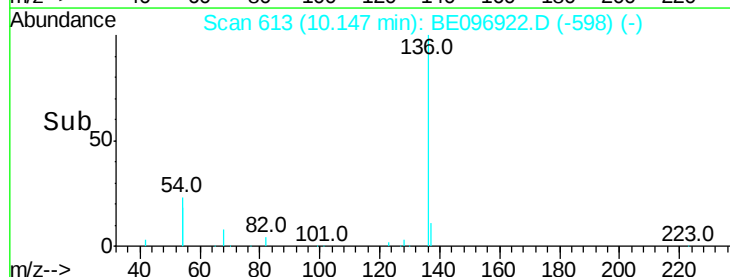
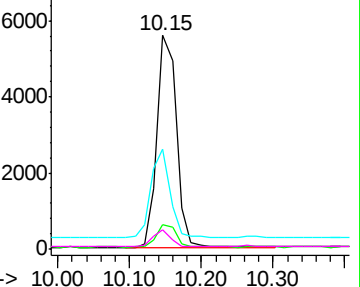


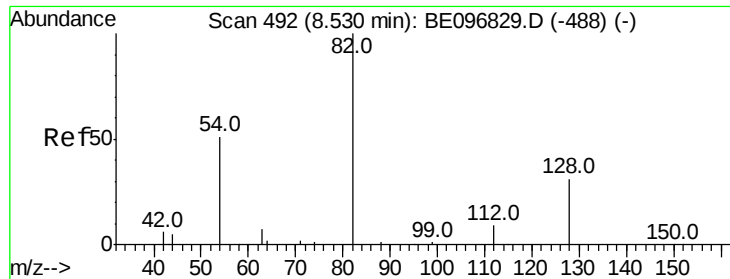
Abundance Ion 136.00 (135.70 to 136.70): E

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

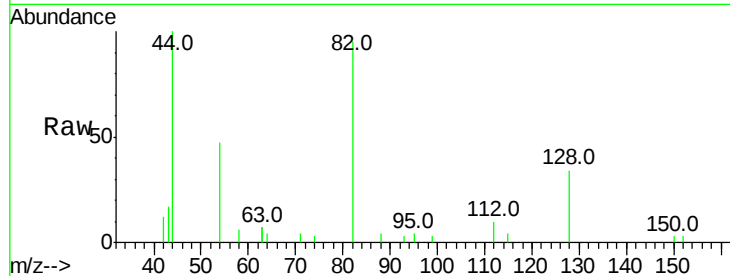




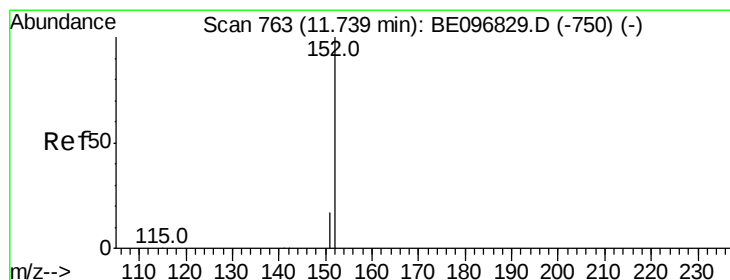
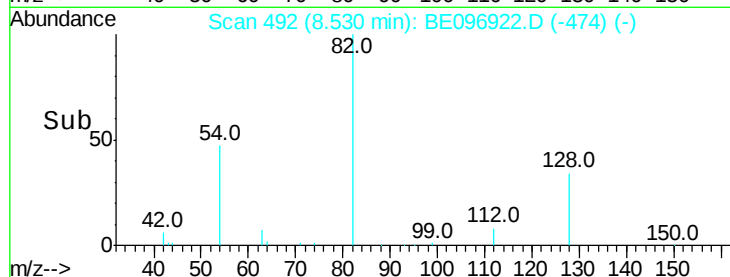
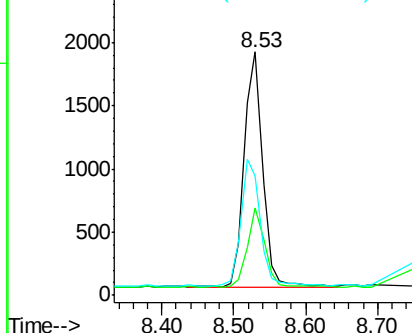
#8
 Nitrobenzene-d5
 Concen: 0.528 ng
 RT: 8.53 min Scan# 492
 Delta R.T. 0.01 min
 Lab File: BE096922.D
 Acq: 14 Jul 2018 3:11

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-180709

Tot Ion	82	Resp	3335
Ion	Ratio	Lower	Upper
82	100		
128	36.1	24.0	36.0#
54	49.3	40.0	60.0

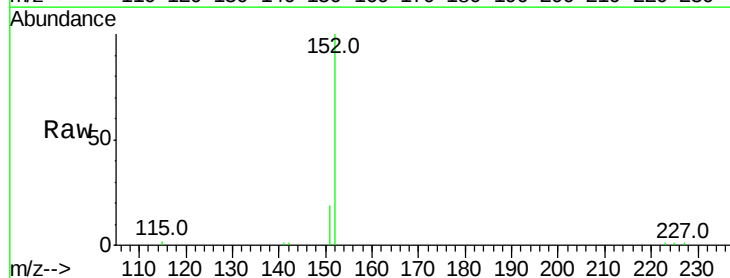


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

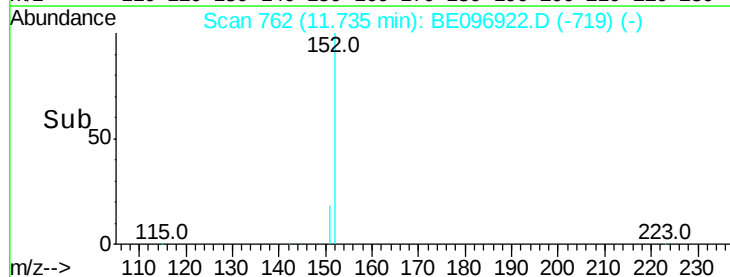
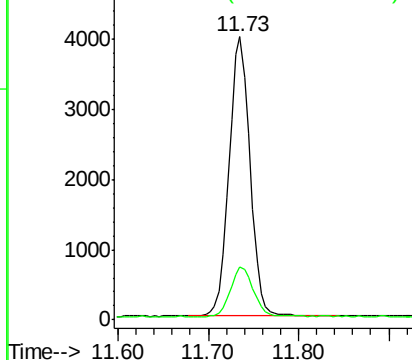


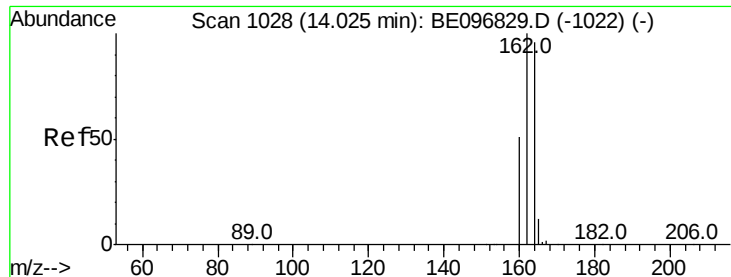
#11
 2-Methylnaphthalene-d10
 Concen: 0.429 ng
 RT: 11.73 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE096922.D
 Acq: 14 Jul 2018 3:11

Tgt Ion	152	Resp	6437
Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

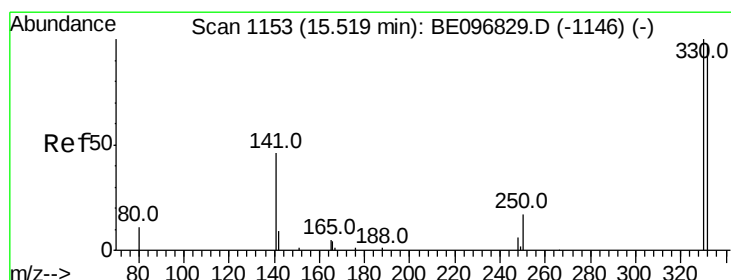
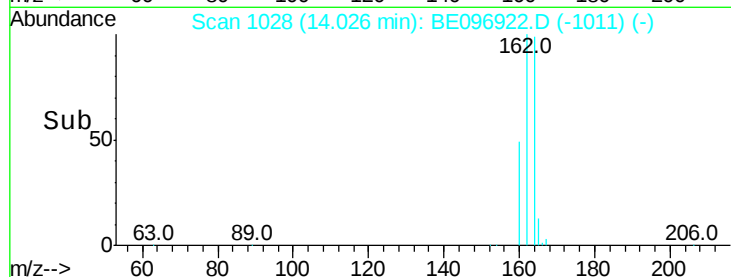
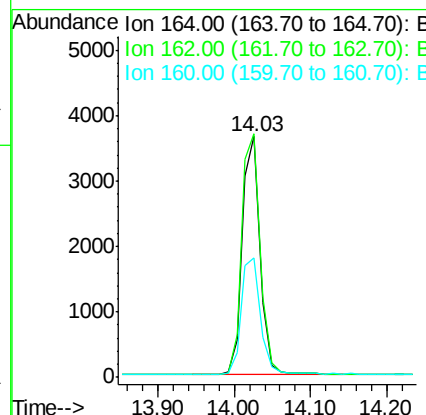
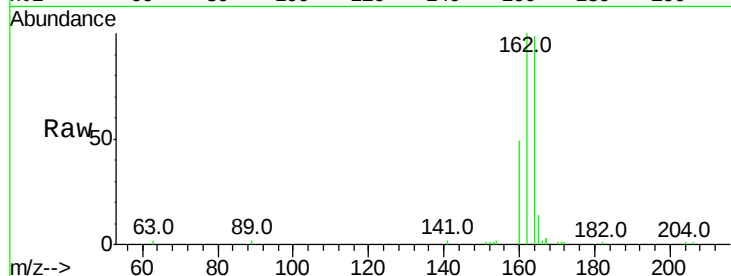




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.03 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BE096922.D
 Acq: 14 Jul 2018 3:11

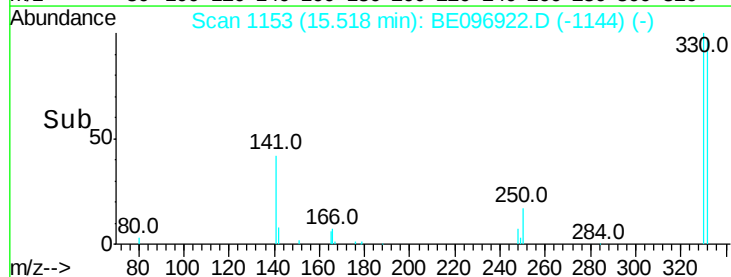
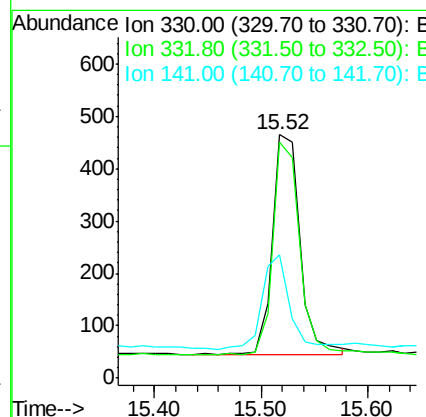
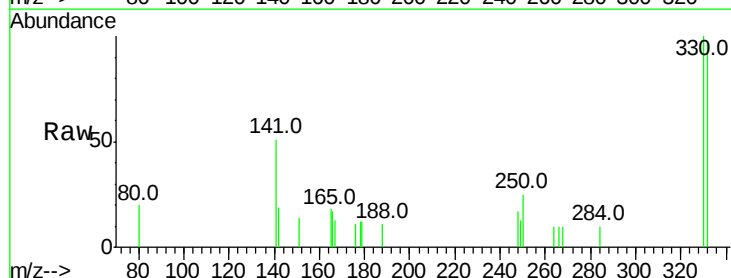
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-180709

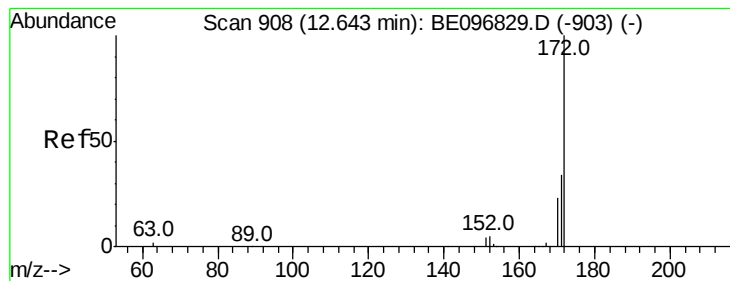
Tot Ion:164 Resp: 5896
 Ion Ratio Lower Upper
 164 100
 162 101.1 83.1 124.7
 160 49.7 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.530 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE096922.D
 Acq: 14 Jul 2018 3:11

Tgt Ion:330 Resp: 756
 Ion Ratio Lower Upper
 330 100
 332 92.9 152.7 229.1#
 141 45.4 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.551 ng

RT: 12.64 min Scan# 908

Delta R.T. -0.00 min

Lab File: BE096922.D

Acq: 14 Jul 2018 3:11

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180709

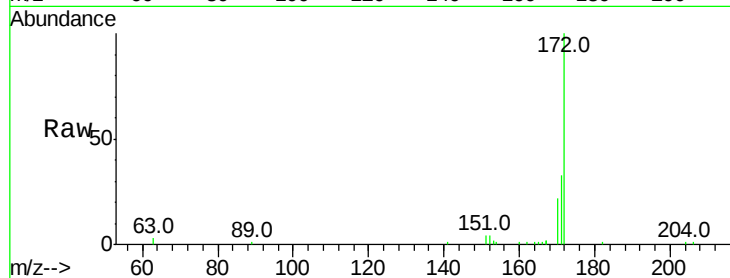
Tot Ion:172 Resp: 11891

Ion Ratio Lower Upper

172 100

171 33.2 29.9 44.9

170 22.3 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

10000

8000

6000

4000

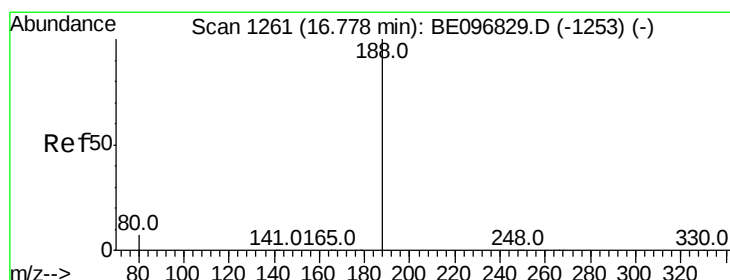
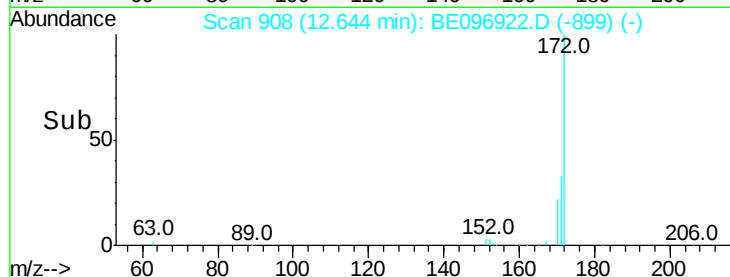
2000

0

12.64

12.50 12.60 12.70 12.80

Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BE096922.D

Acq: 14 Jul 2018 3:11

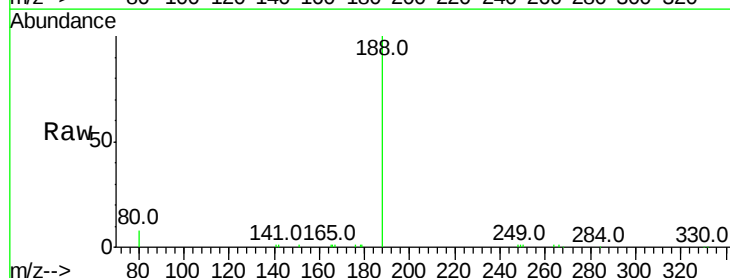
Tgt Ion:188 Resp: 15953

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 7.5 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

12000

10000

8000

6000

4000

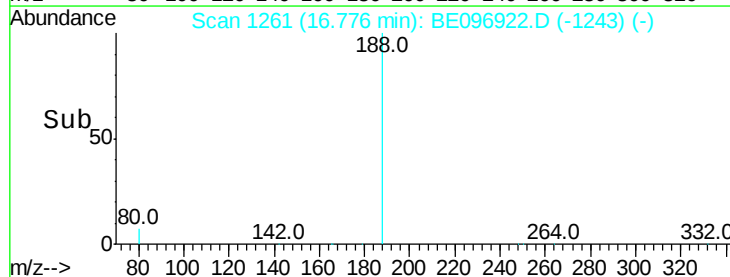
2000

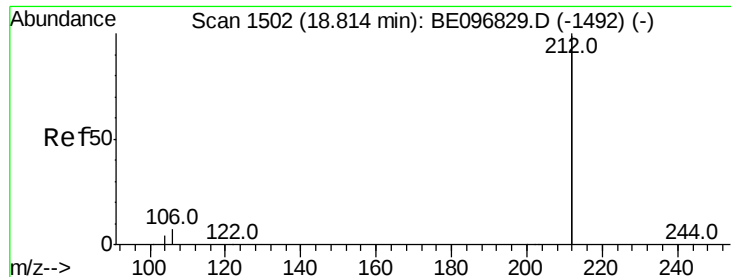
0

16.78

16.70 16.80

Time-->





#25

Fluoranthene-d10

Concen: 0.488 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE096922.D

Acq: 14 Jul 2018 3:11

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180709

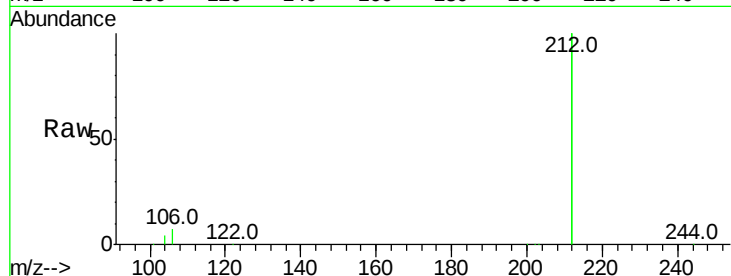
Tot Ion:212 Resp: 68571

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

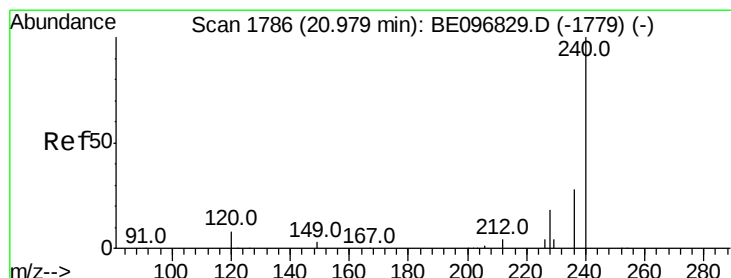
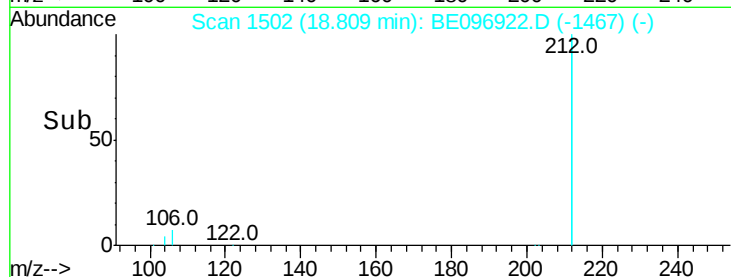
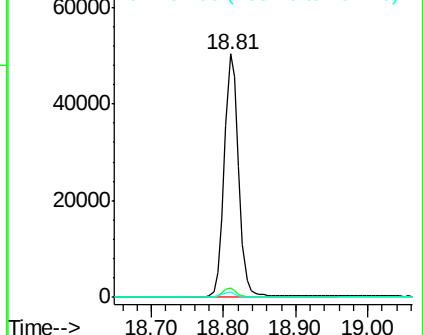
104 1.9 1.6 2.4



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: 20.98 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE096922.D

Acq: 14 Jul 2018 3:11

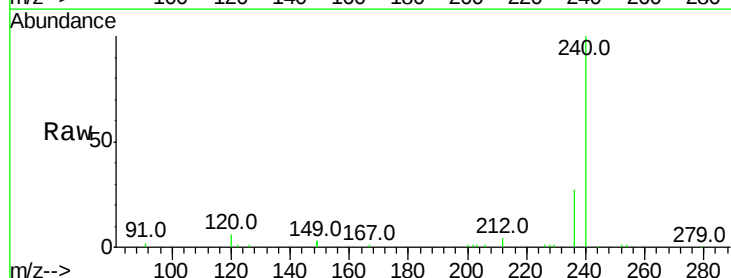
Tgt Ion:240 Resp: 14380

Ion Ratio Lower Upper

240 100

120 6.3 5.5 8.3

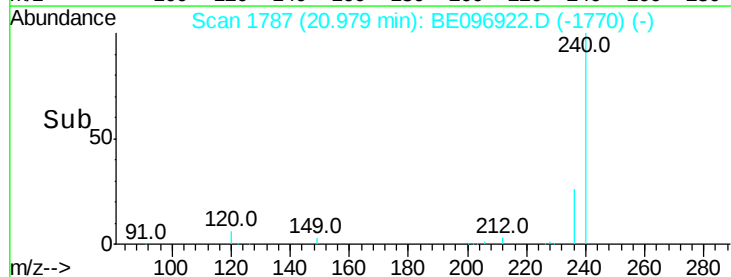
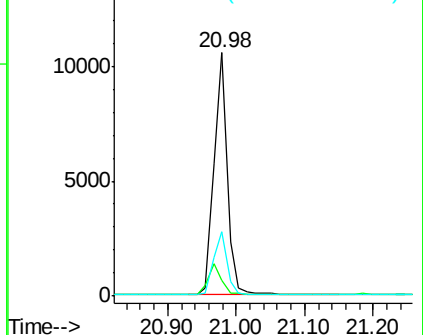
236 26.6 20.7 31.1

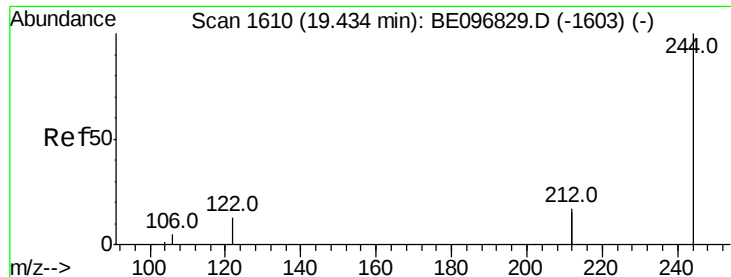


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.744 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE096922.D

Acq: 14 Jul 2018 3:11

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180709

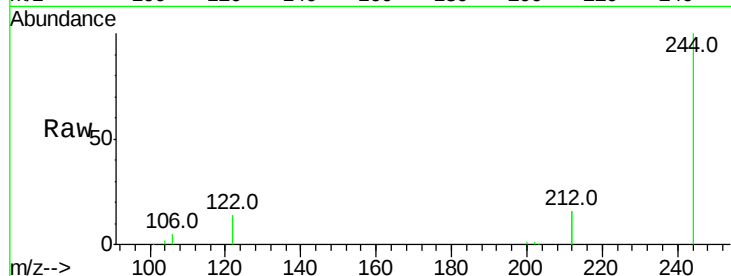
Tot Ion:244 Resp: 20642

Ion Ratio Lower Upper

244 100

212 33.0 25.4 38.0

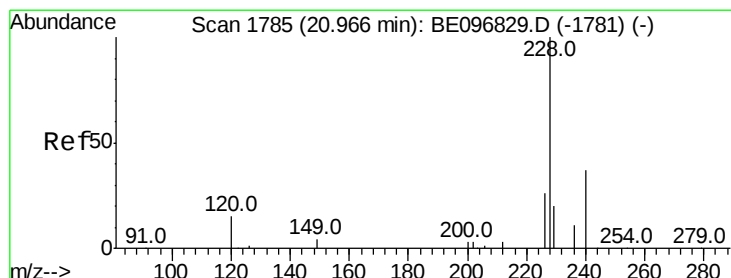
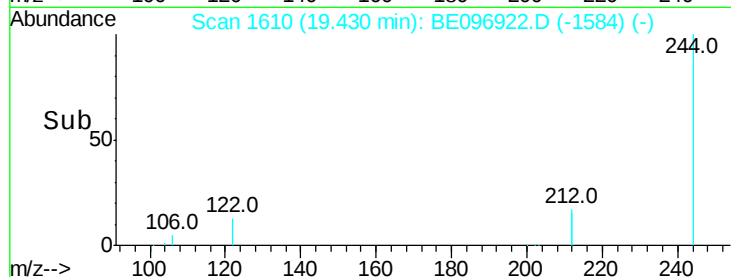
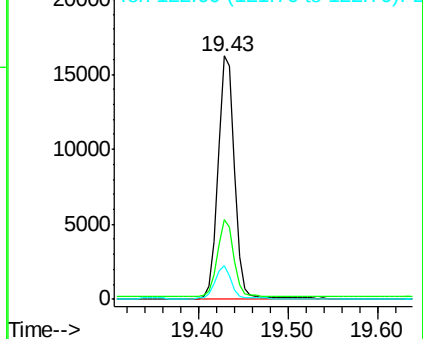
122 13.6 8.1 12.1#



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



#30

Benzo(a)anthracene

Concen: 0.020 ng

RT: 20.95 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BE096922.D

Acq: 14 Jul 2018 3:11

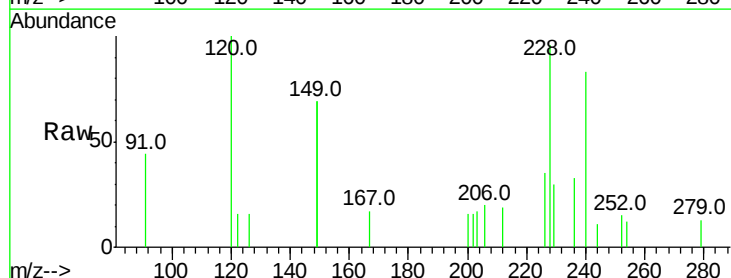
Tgt Ion:228 Resp: 650

Ion Ratio Lower Upper

228 100

226 36.4 24.0 36.0#

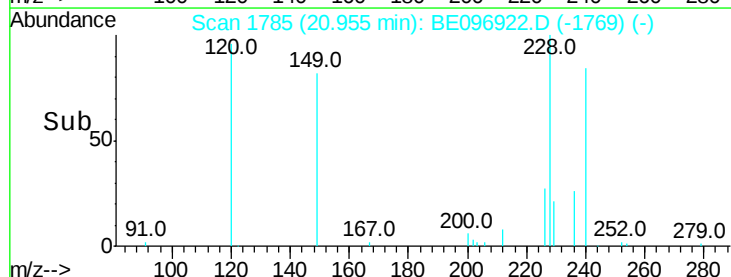
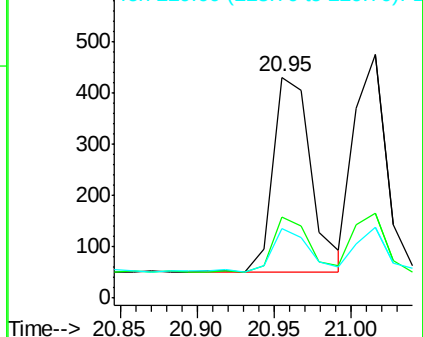
229 31.6 16.0 24.0#

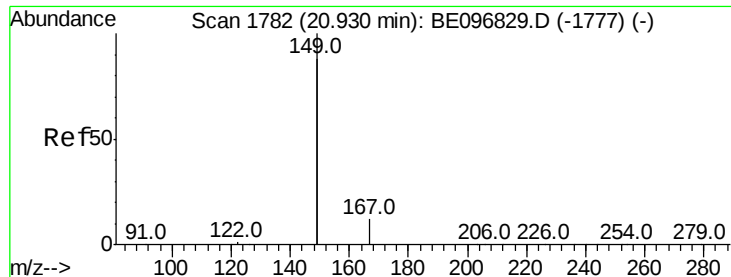


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

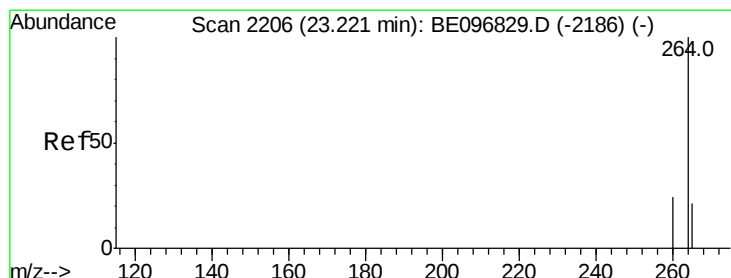
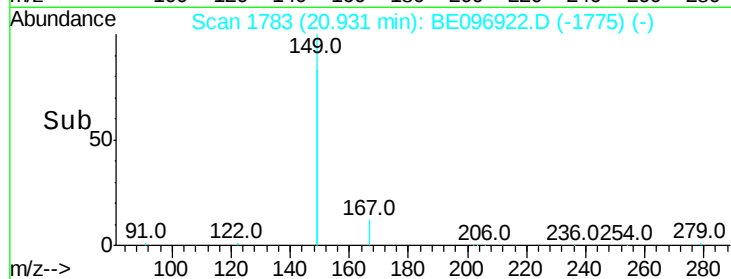
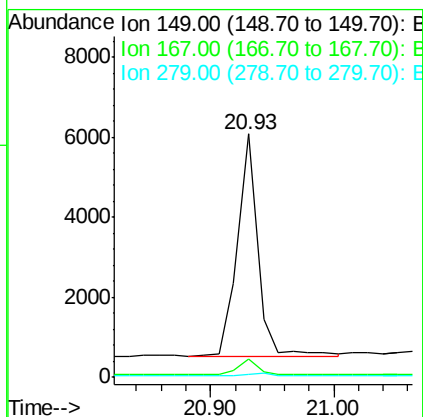
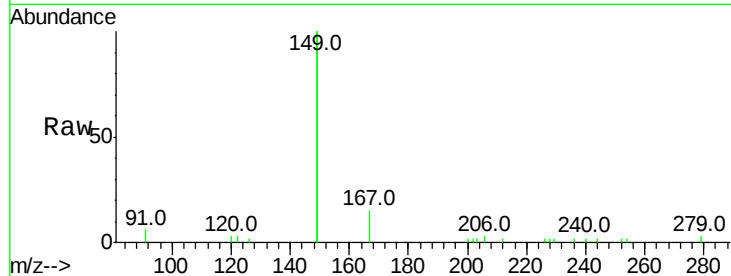




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.223 ng
 RT: 20.93 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BE096922.D
 Acq: 14 Jul 2018 3:11

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-180709

Tot Ion:149 Resp: 6375
 Ion Ratio Lower Upper
 149 100
 167 6.6 5.4 8.0
 279 1.2 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE096922.D
 Acq: 14 Jul 2018 3:11

Tgt Ion:264 Resp: 15173
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.5 30.7
 265 23.3 22.8 34.2

