

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
 Data File : BE097037.D
 Acq On : 23 Jul 2018 15:21
 Operator : SJ/JU
 Sample : J4048-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-11

Quant Time: Jul 23 16:57:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 11:34:20 2018
 Response via : Initial Calibration

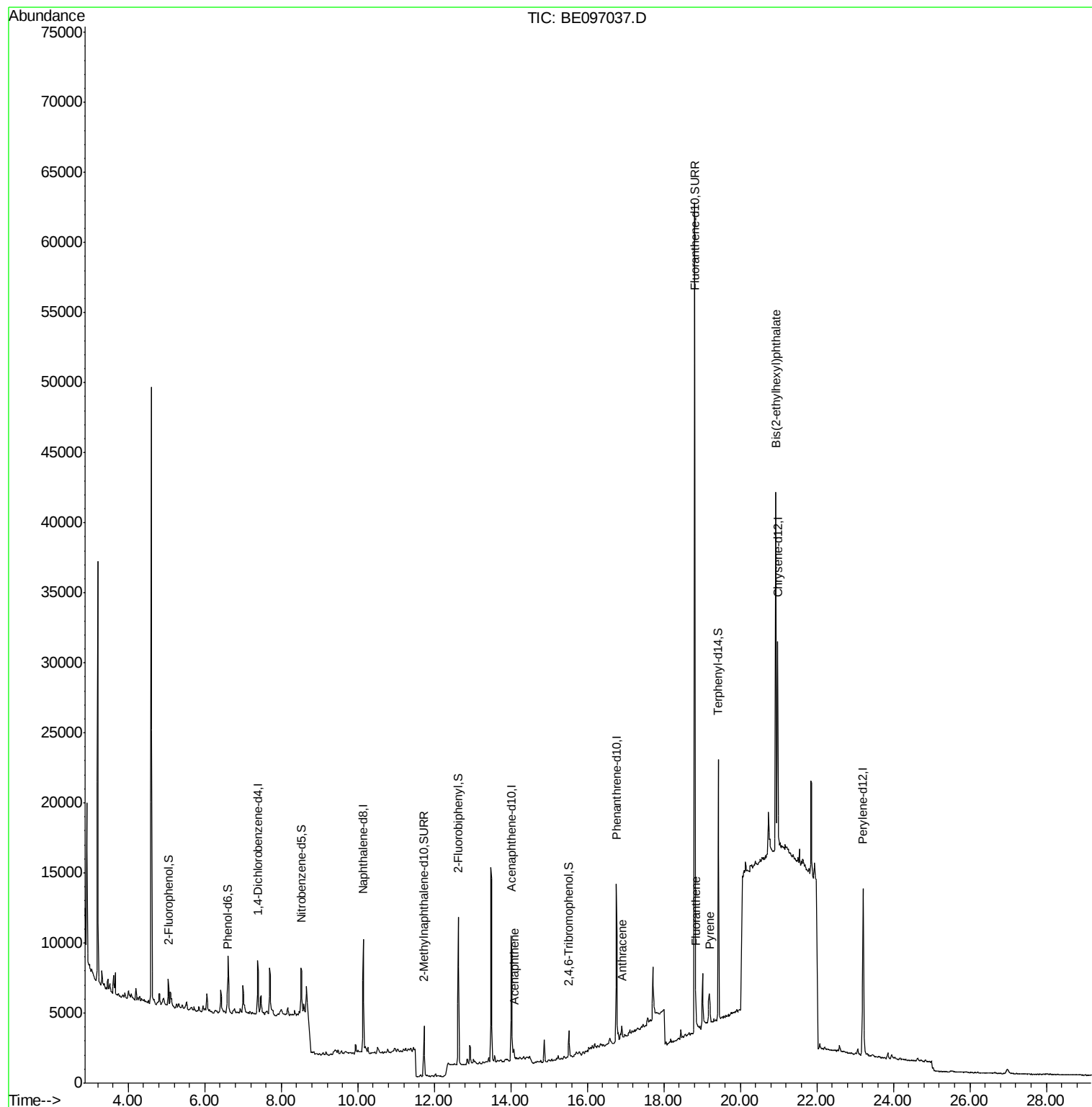
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1670	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	8519	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	5385	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	15138	0.40	ng	0.00
27) Chrysene-d12	20.98	240	17165	0.40	ng	0.00
34) Perylene-d12	23.21	264	16097	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	903	0.23	ng	0.00
5) Phenol-d6	6.59	99	844	0.14	ng	0.00
8) Nitrobenzene-d5	8.52	82	3026	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	4952	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	1050	0.78	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	8657	0.43	ng	0.00
25) Fluoranthene-d10	18.81	212	74991	0.57	ng	0.00
29) Terphenyl-d14	19.43	244	15550	0.47	ng	0.00
Target Compounds						
17) Acenaphthene	14.08	154	381	0.025	ng	Qvalue 91
24) Anthracene	16.90	178	1033	0.033	ng	# 70
26) Fluoranthene	18.84	202	1046	0.027	ng	# 93
28) Pyrene	19.20	202	1866	0.037	ng	95
32) Bis(2-ethylhexyl)phthalate	20.93	149	36107	0.885	ng	100

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

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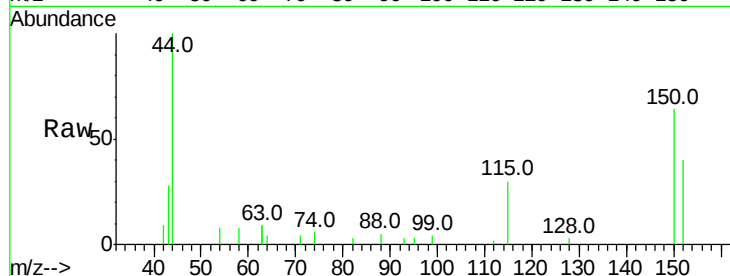


#1

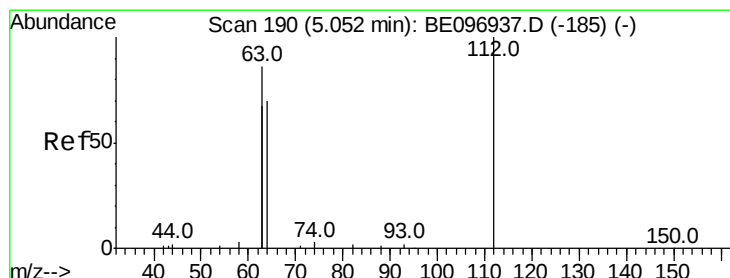
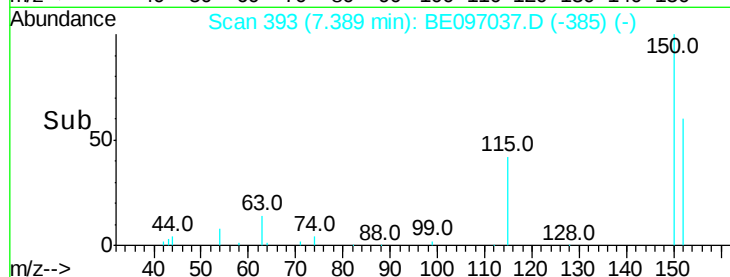
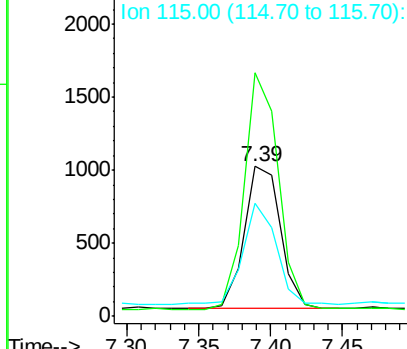
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: BE097037.D
 Acq: 23 Jul 2018 15:21

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-11

Tot Ion:152 Resp: 1670
 Ion Ratio Lower Upper
 152 100
 150 162.4 117.2 175.8
 115 75.3 57.0 85.6



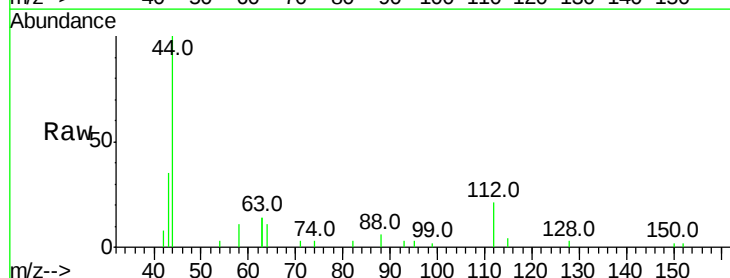
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



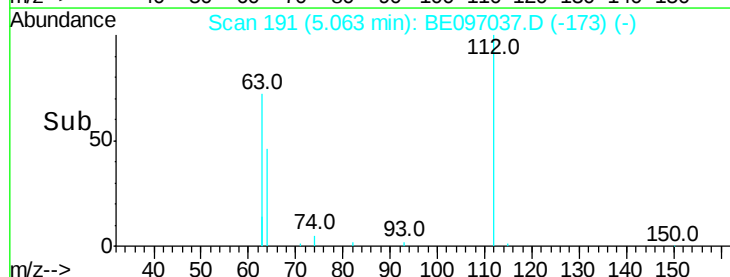
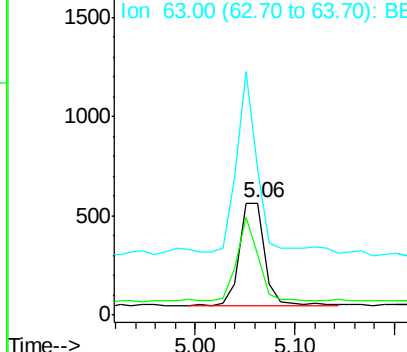
#4

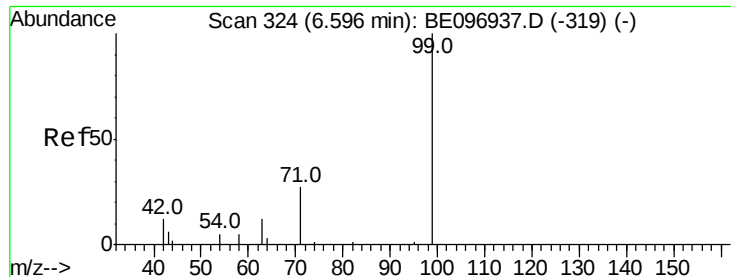
2-Fluorophenol
 Concen: 0.226 ng
 RT: 5.06 min Scan# 191
 Delta R.T. 0.01 min
 Lab File: BE097037.D
 Acq: 23 Jul 2018 15:21

Tgt Ion:112 Resp: 903
 Ion Ratio Lower Upper
 112 100
 64 68.5 60.1 90.1
 63 139.5 116.8 175.2



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: 0.138 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 15:21

Instrument :

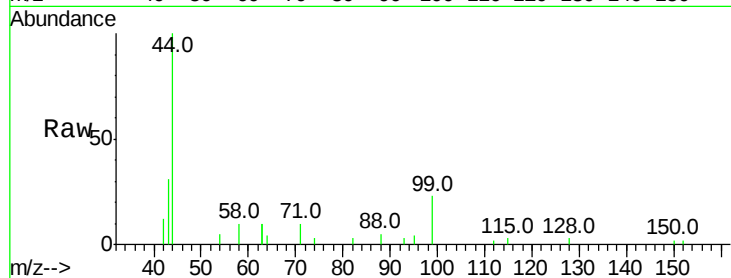
BNA_E

ClientSampled :

YT-MW-11

Tot Ion: 99 Resp: 844

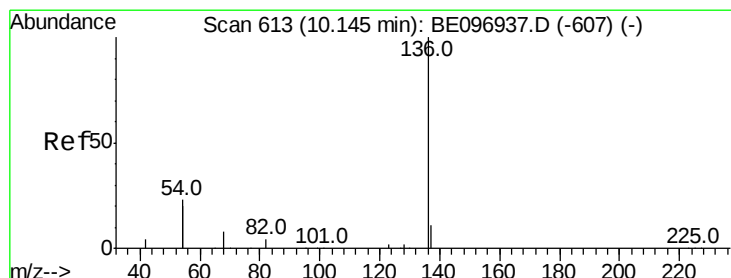
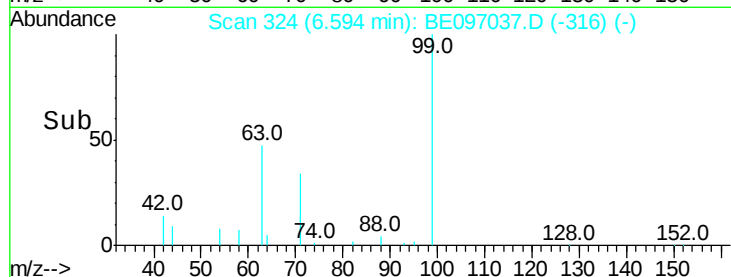
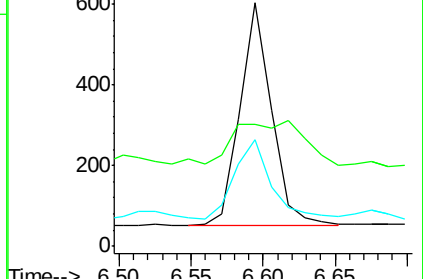
Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	41.5	28.4	42.6



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

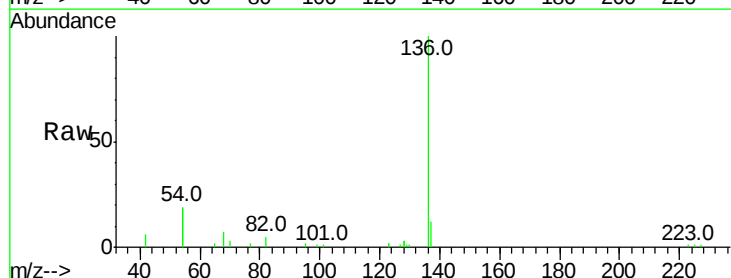
Delta R.T. 0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 15:21

Tgt Ion: 136 Resp: 8519

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	37.2	29.1	43.7
68	7.4	6.2	9.2

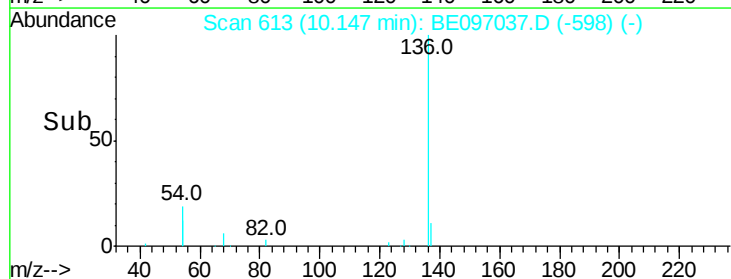
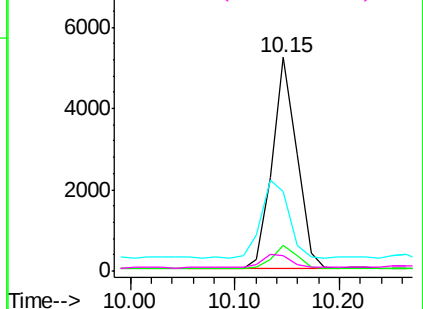


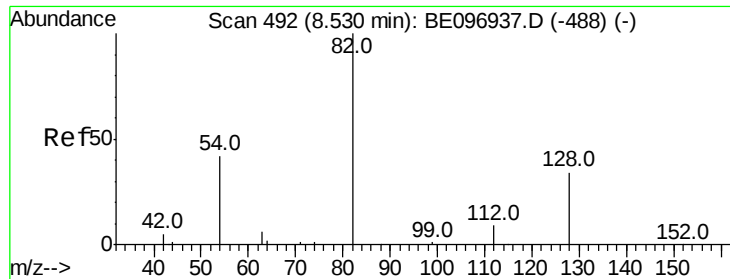
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.487 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 15:21

Instrument :

BNA_E

ClientSampleId :

YT-MW-11

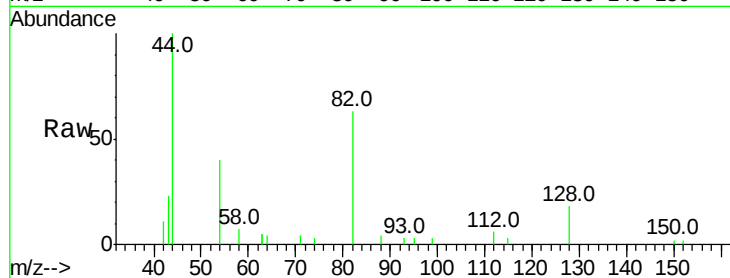
Tot Ion: 82 Resp: 3026

Ion Ratio Lower Upper

82 100

128 27.9 24.0 36.0

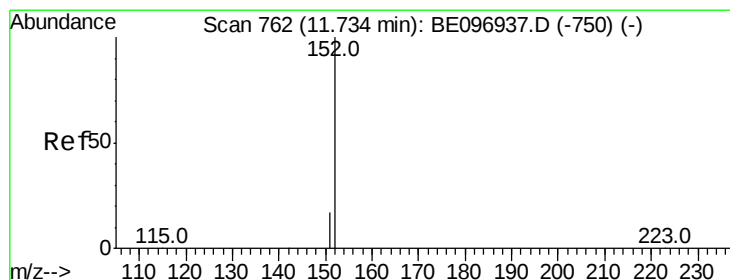
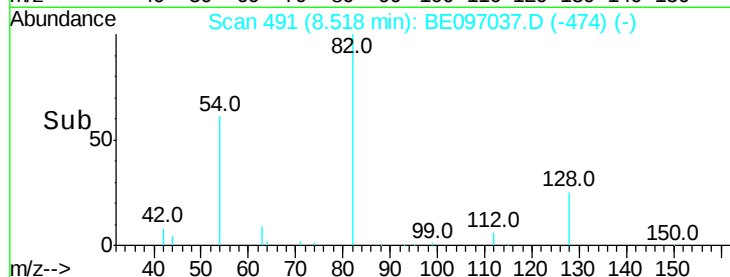
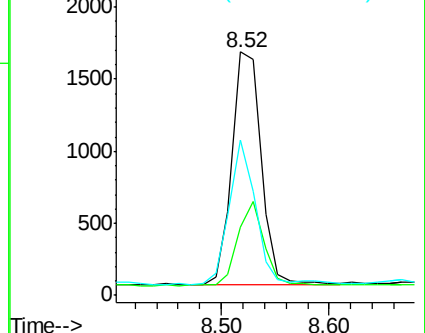
54 63.8 40.0 60.0#



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: 0.399 ng

RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097037.D

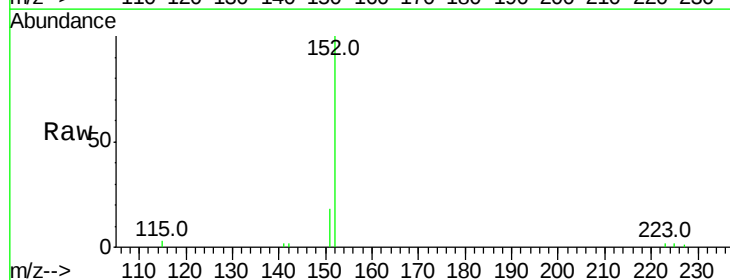
Acq: 23 Jul 2018 15:21

Tgt Ion:152 Resp: 4952

Ion Ratio Lower Upper

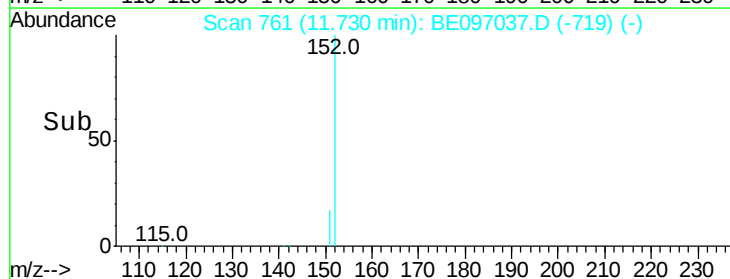
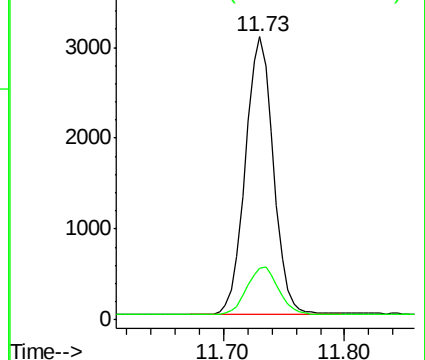
152 100

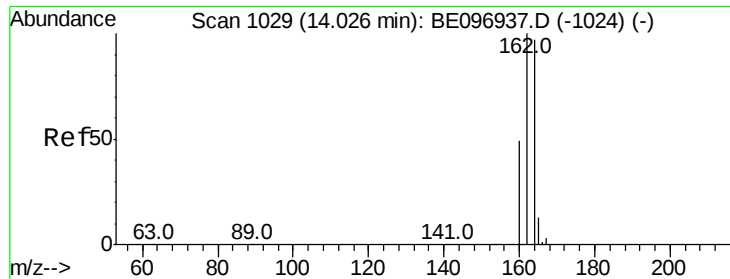
151 19.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

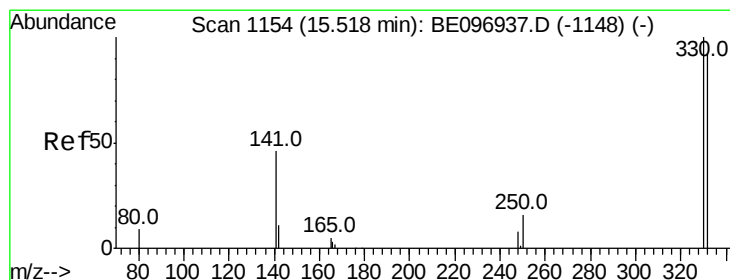
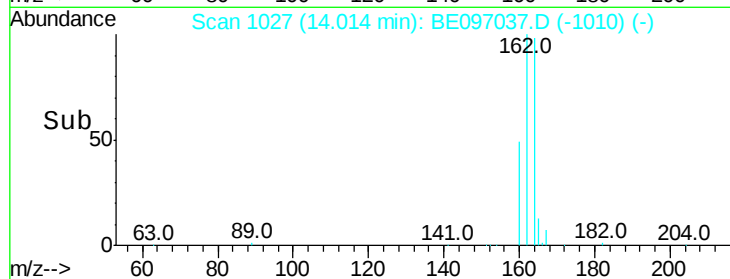
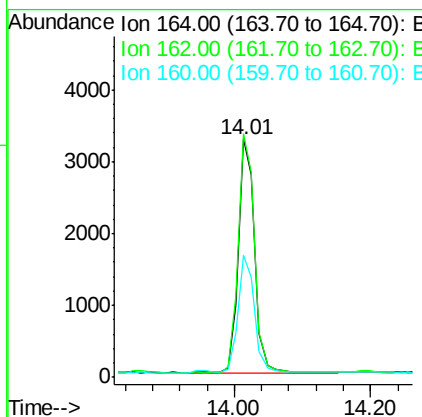
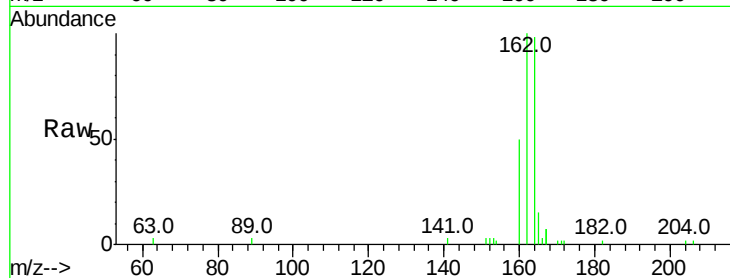




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BE097037.D
 Acq: 23 Jul 2018 15:21

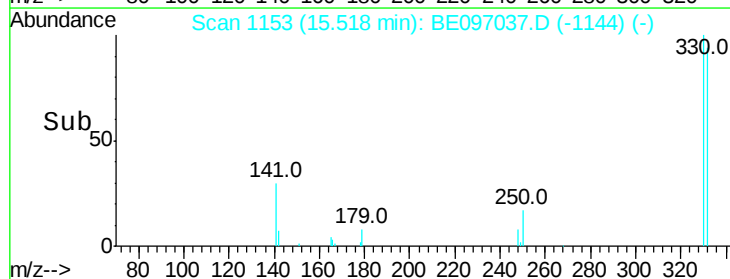
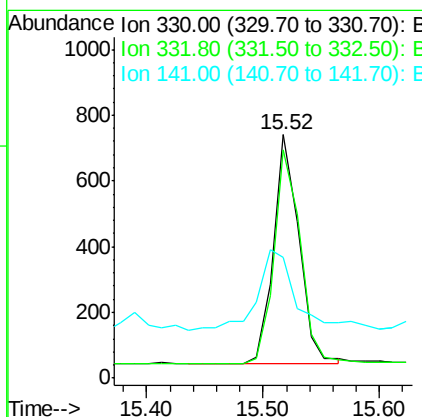
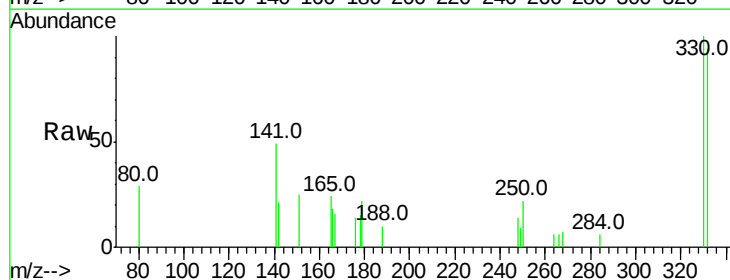
Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-11

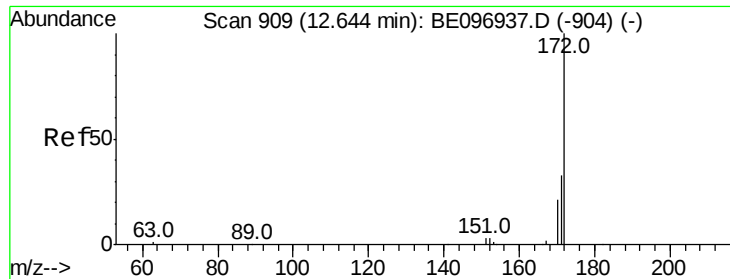
Tot Ion:164 Resp: 5385
 Ion Ratio Lower Upper
 164 100
 162 102.1 83.1 124.7
 160 50.9 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.782 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE097037.D
 Acq: 23 Jul 2018 15:21

Tgt Ion:330 Resp: 1050
 Ion Ratio Lower Upper
 330 100
 332 97.1 152.7 229.1#
 141 50.2 33.7 50.5

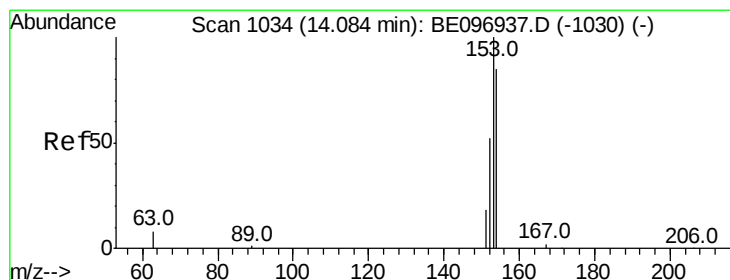
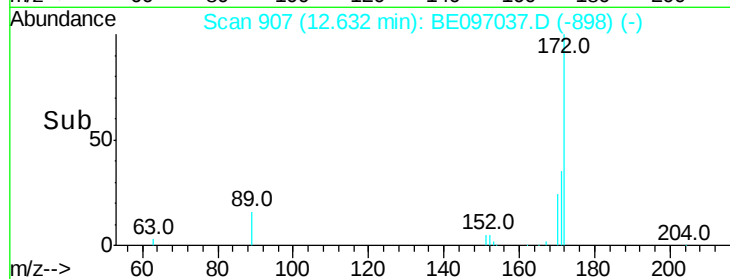
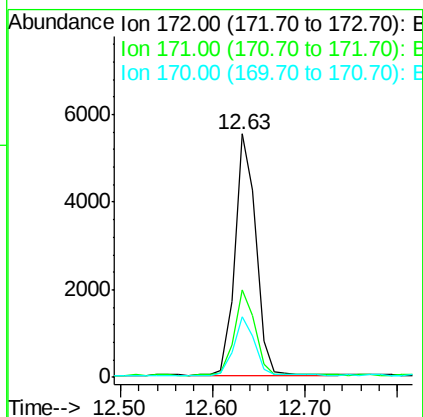
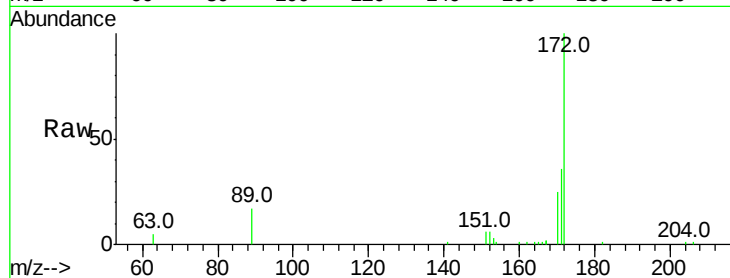




#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097037.D
Acq: 23 Jul 2018 15:21

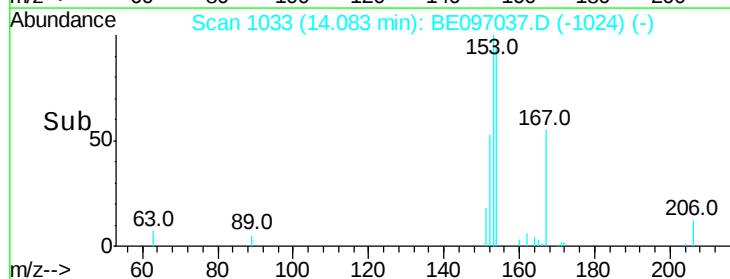
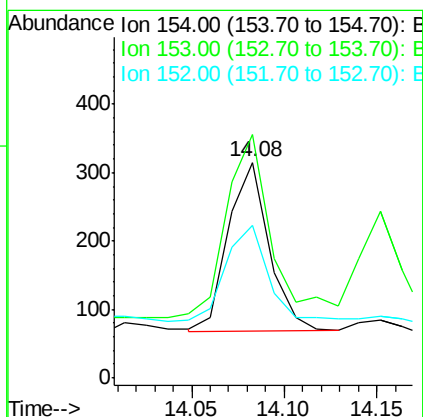
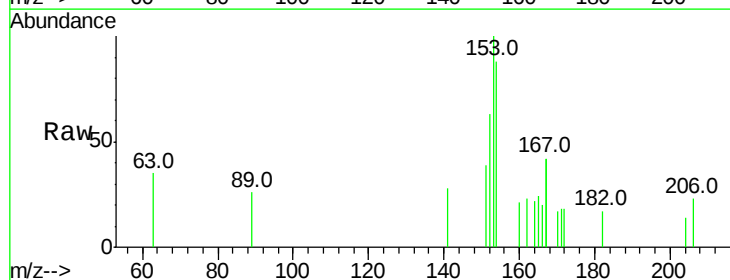
Instrument :
BNA_E
ClientSampleId :
YT-MW-11

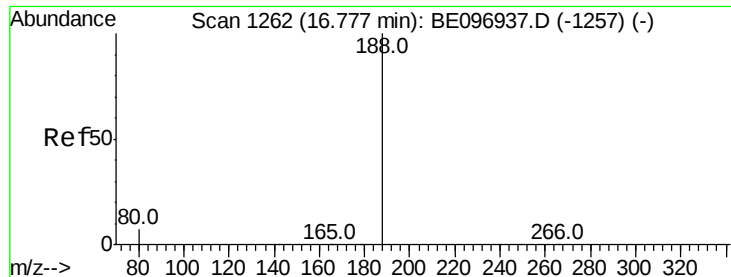
Tot Ion:172 Resp: 8657
Ion Ratio Lower Upper
172 100
171 35.8 29.9 44.9
170 24.9 21.8 32.8



#17
Acenaphthene
Concen: 0.025 ng
RT: 14.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097037.D
Acq: 23 Jul 2018 15:21

Tgt Ion:154 Resp: 381
Ion Ratio Lower Upper
154 100
153 119.9 89.2 133.8
152 60.1 42.0 63.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 15:21

Instrument :

BNA_E

ClientSampleId :

YT-MW-11

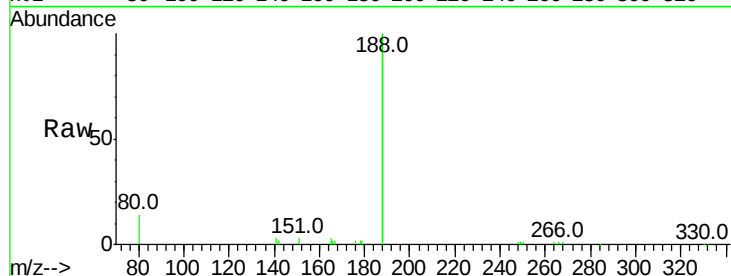
Tot Ion:188 Resp: 15138

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

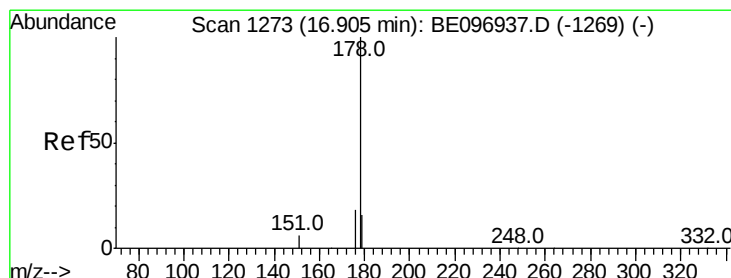
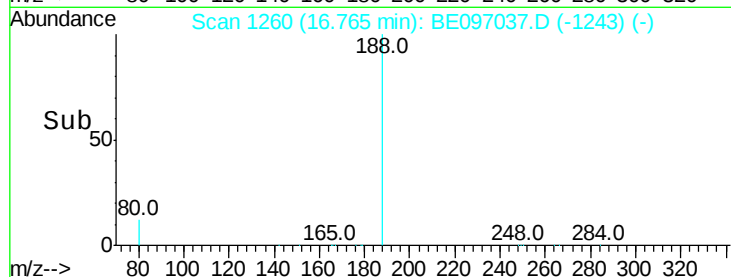
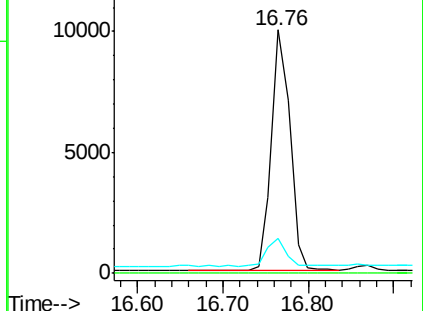
80 14.3 3.6 5.4#



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



#24

Anthracene

Concen: 0.033 ng

RT: 16.90 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 15:21

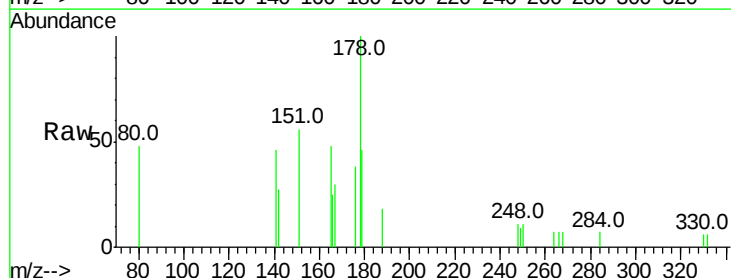
Tgt Ion:178 Resp: 1033

Ion Ratio Lower Upper

178 100

176 27.5 12.8 19.2#

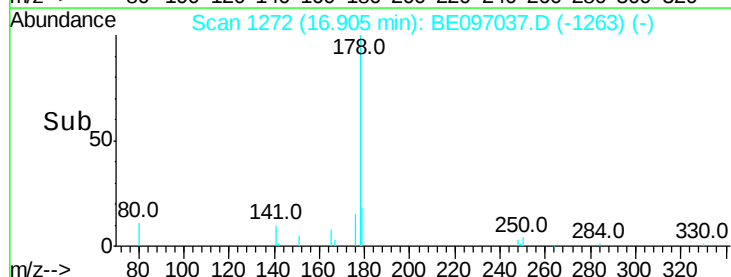
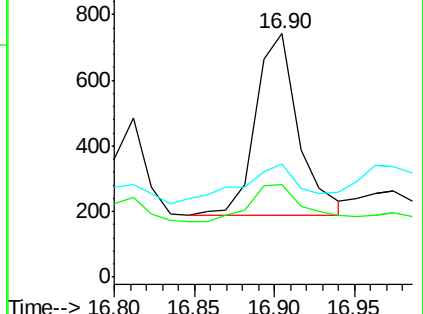
179 30.3 13.0 19.6#

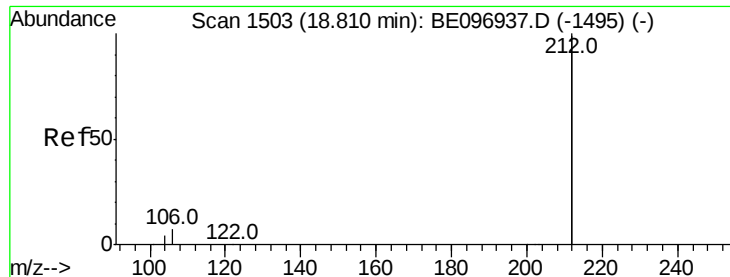


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.569 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 15:21

Instrument :

BNA_E

ClientSampleId :

YT-MW-11

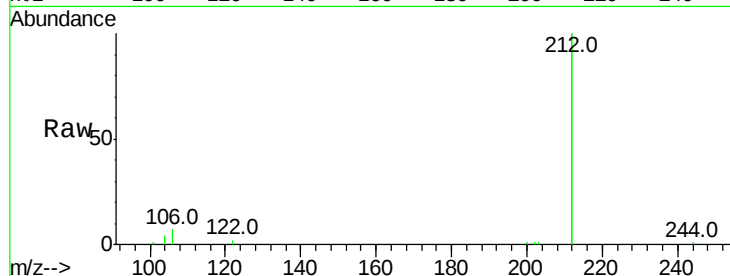
Tot Ion:212 Resp: 74991

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

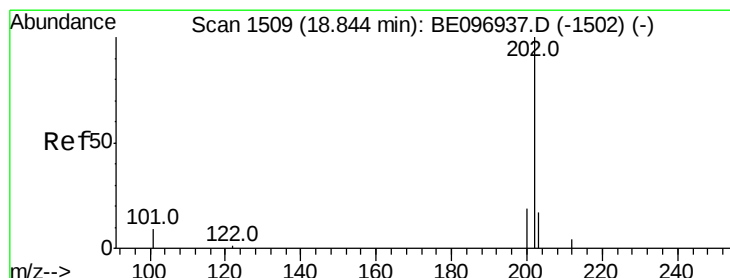
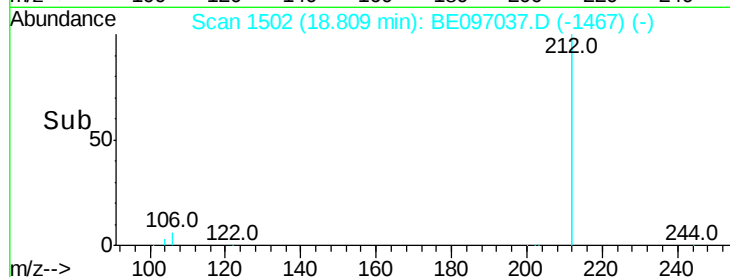
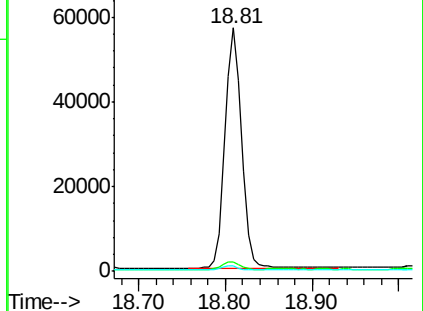
104 1.8 1.6 2.4



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



#26

Fluoranthene

Concen: 0.027 ng

RT: 18.84 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 15:21

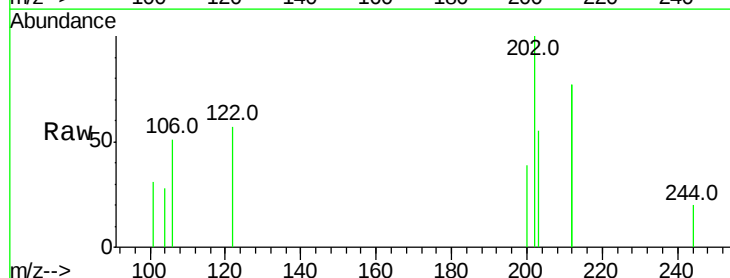
Tgt Ion:202 Resp: 1046

Ion Ratio Lower Upper

202 100

101 8.4 9.8 14.8#

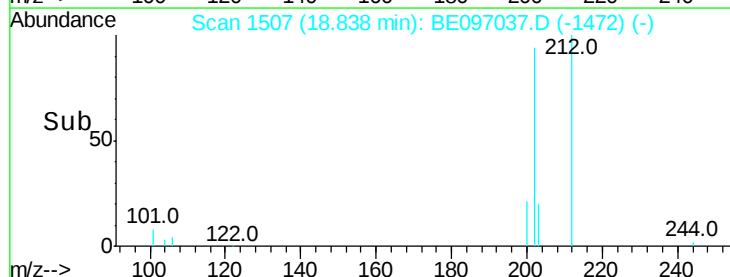
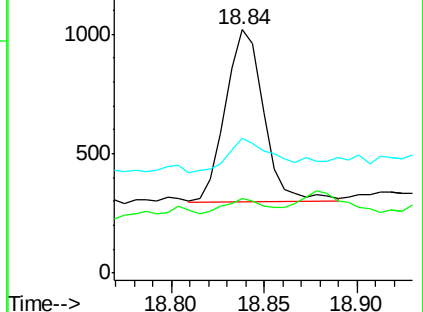
203 19.2 13.7 20.5

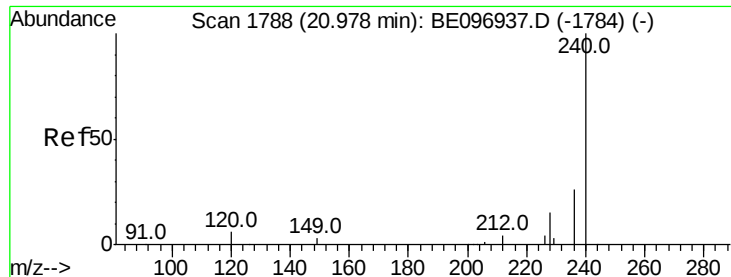


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 15:21

Instrument :

BNA_E

ClientSampleId :

YT-MW-11

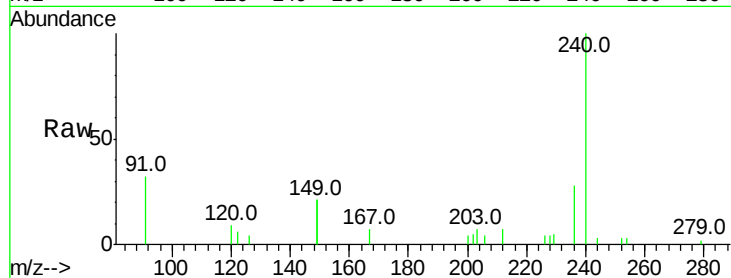
Tot Ion:240 Resp: 17165

Ion Ratio Lower Upper

240 100

120 8.7 5.5 8.3#

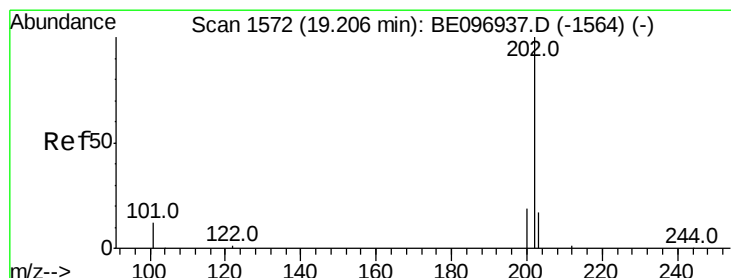
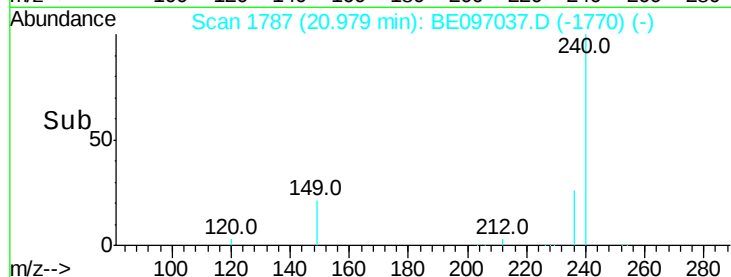
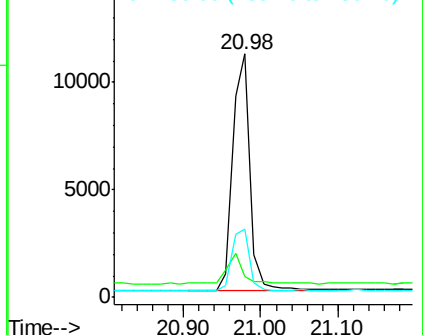
236 27.9 20.7 31.1



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



#28

Pyrene

Concen: 0.037 ng

RT: 19.20 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BE097037.D

Acq: 23 Jul 2018 15:21

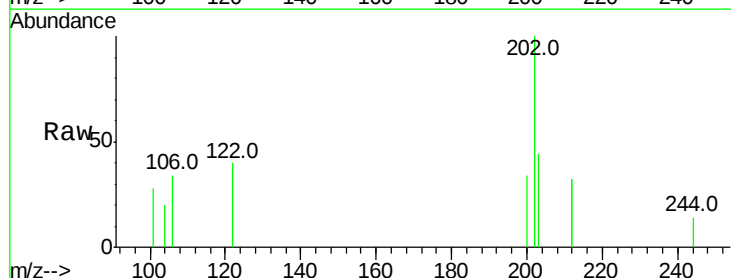
Tgt Ion:202 Resp: 1866

Ion Ratio Lower Upper

202 100

200 24.0 16.6 25.0

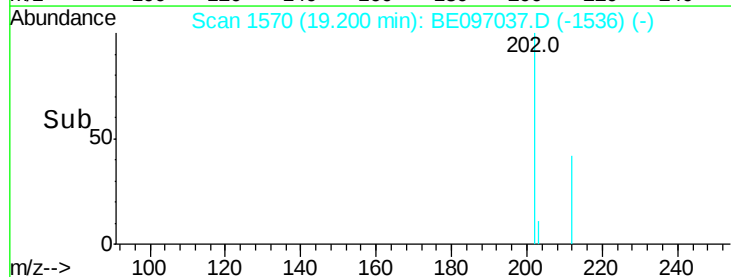
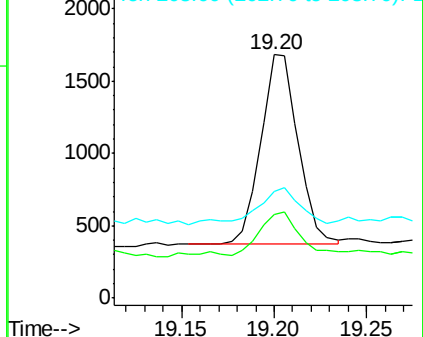
203 18.2 13.8 20.8

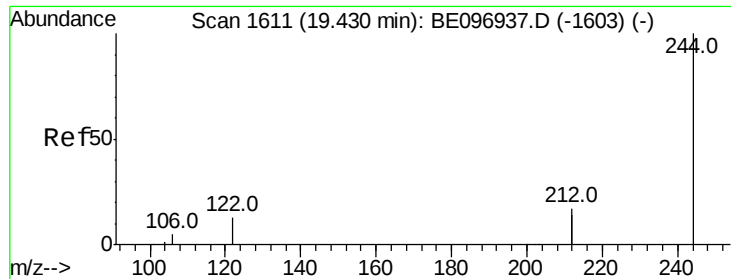


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

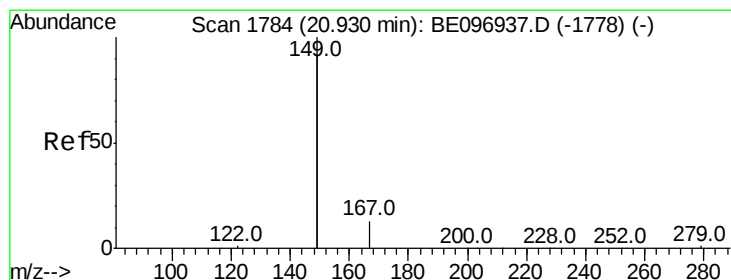
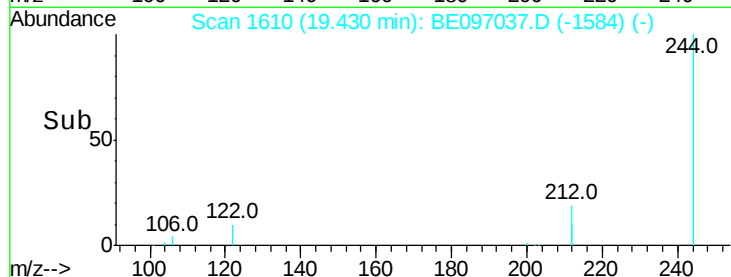
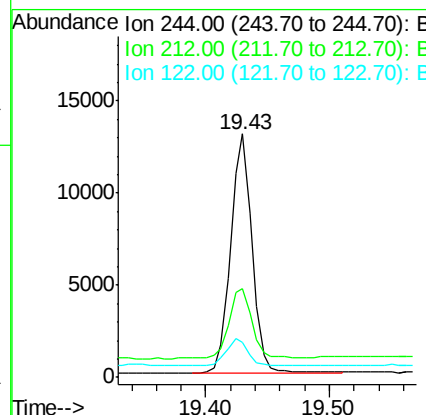
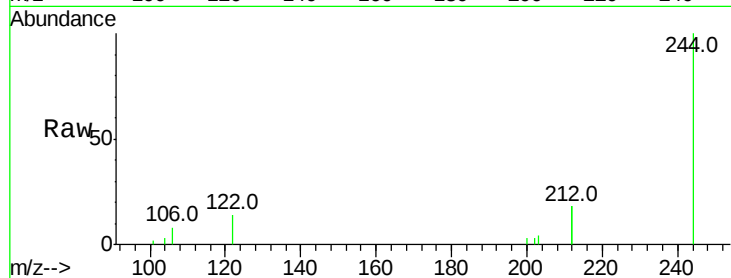




#29
 Terphenyl-d14
 Concen: 0.470 ng
 RT: 19.43 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BE097037.D
 Acq: 23 Jul 2018 15:21

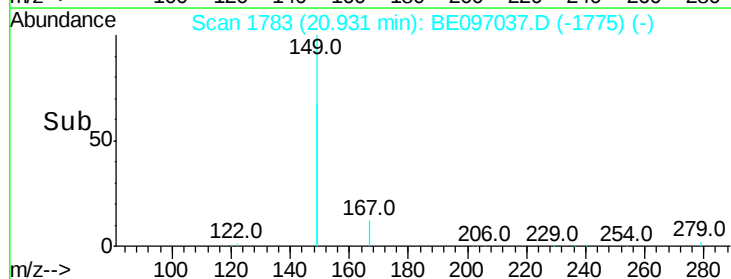
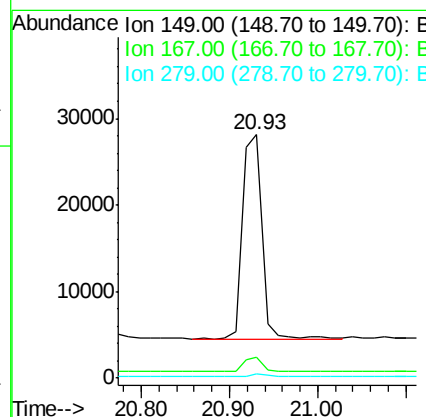
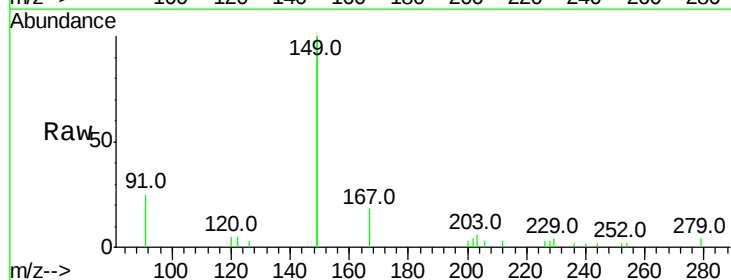
Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-11

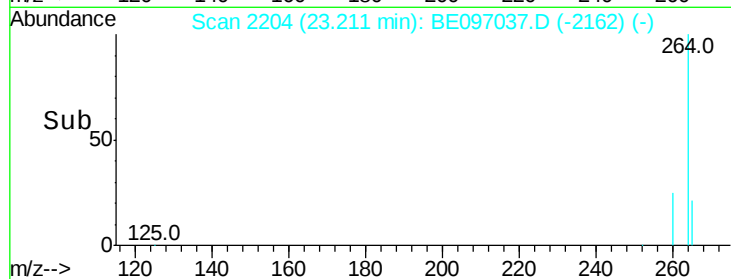
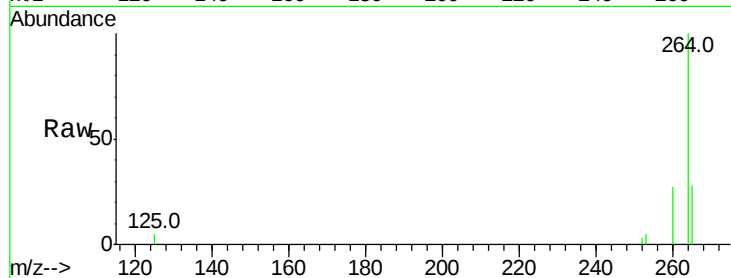
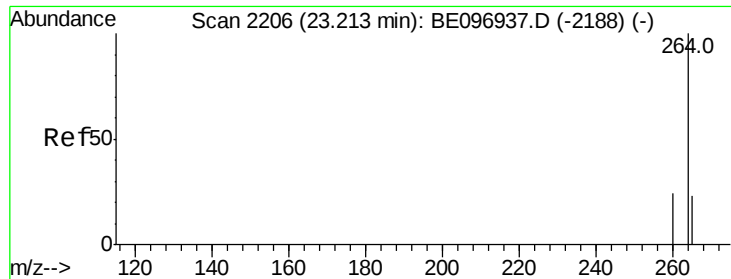
Tot Ion:244 Resp: 15550
 Ion Ratio Lower Upper
 244 100
 212 36.6 25.4 38.0
 122 14.3 8.1 12.1#



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.885 ng
 RT: 20.93 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BE097037.D
 Acq: 23 Jul 2018 15:21

Tgt Ion:149 Resp: 36107
 Ion Ratio Lower Upper
 149 100
 167 6.8 5.4 8.0
 279 1.1 0.7 1.1





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 15:21

Instrument :

BNA_E

ClientSampleId :

YT-MW-11

Tot Ion:264 Resp: 16097

Ion Ratio Lower Upper

264 100

260 26.9 20.5 30.7

265 28.2 22.8 34.2

