

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
 Data File : BE097035.D
 Acq On : 23 Jul 2018 13:27
 Operator : SJ/JU
 Sample : J4048-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-7

Quant Time: Jul 23 14:29:31 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	1366	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6593	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4376	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	12200	0.40	ng	0.00
27) Chrysene-d12	20.98	240	13987	0.40	ng	0.00
34) Perylene-d12	23.21	264	12311	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	625	0.19	ng	0.00
5) Phenol-d6	6.60	99	496	0.10	ng	0.00
8) Nitrobenzene-d5	8.52	82	2506	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3725	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	703	0.67	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	11670	0.72	ng	0.00
25) Fluoranthene-d10	18.81	212	62266	0.59	ng	0.00
29) Terphenyl-d14	19.43	244	13021	0.48	ng	0.00

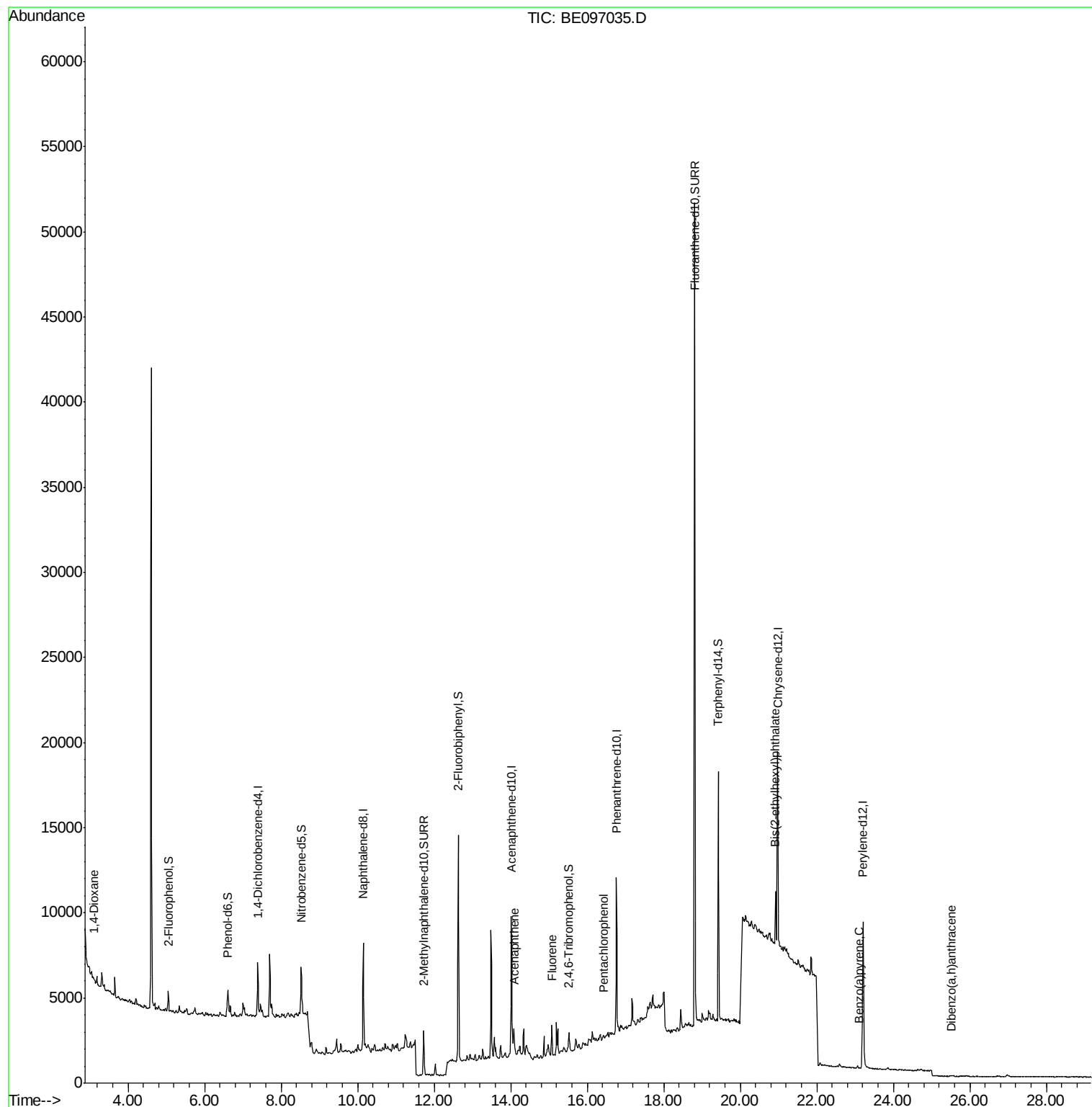
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	68	0.035	ng	# 28
17) Acenaphthene	14.08	154	828	0.067	ng	97
18) Fluorene	15.07	166	1311	0.094	ng	# 80
22) Pentachlorophenol	16.44	266	58	0.053	ng	92
32) Bis(2-ethylhexyl)phthalate	20.92	149	4826	0.145	ng	99
37) Benzo(a)pyrene	23.10	252	6	0.101	ng	# 1
38) Dibenzo(a,h)anthracene	25.52	278	6	0.118	ng	# 1

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

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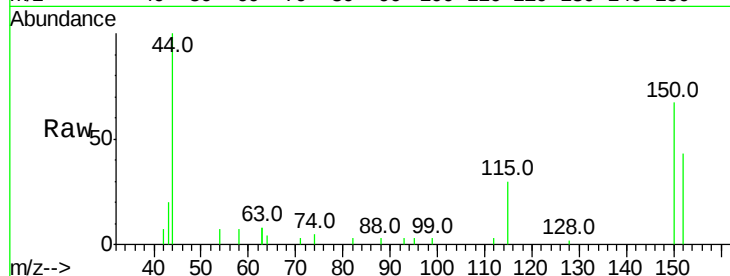


#1

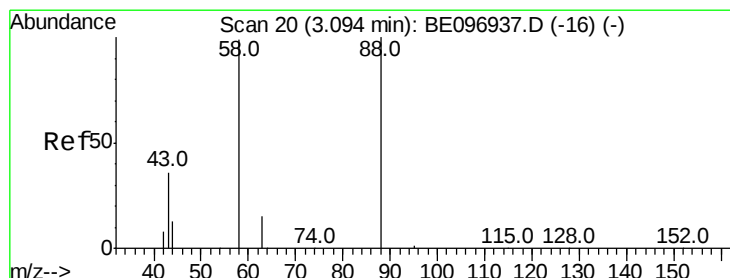
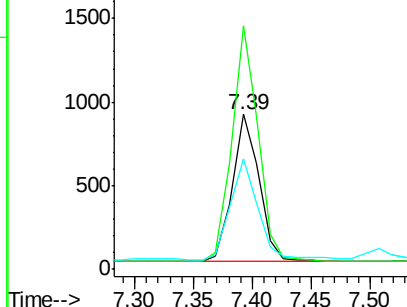
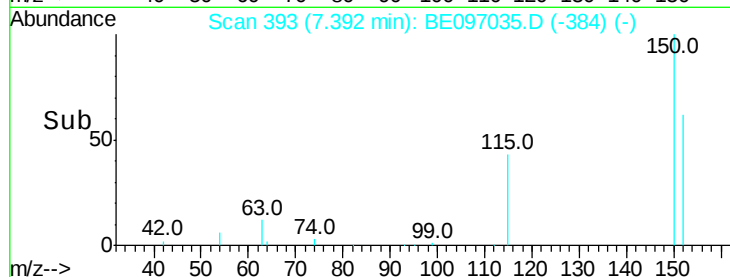
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE097035.D
Acq: 23 Jul 2018 13:27

Instrument :
BNA_E
ClientSampleId :
YT-MW-7

Tot Ion:152 Resp: 1366
Ion Ratio Lower Upper
152 100
150 157.1 117.2 175.8
115 71.0 57.0 85.6



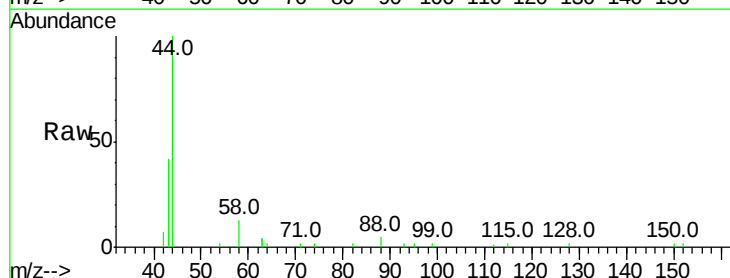
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



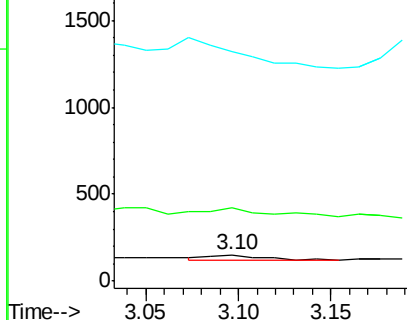
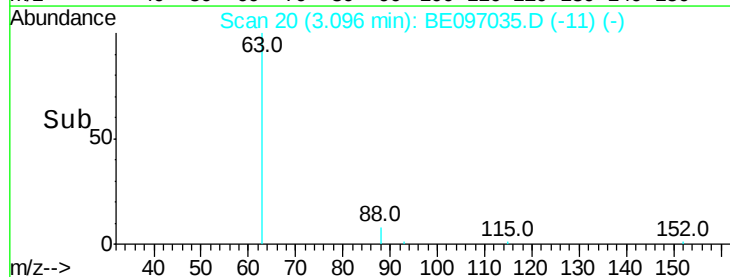
#2

1,4-Dioxane
Concen: 0.035 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097035.D
Acq: 23 Jul 2018 13:27

Tgt Ion: 88 Resp: 68
Ion Ratio Lower Upper
88 100
58 141.2 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: 0.191 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097035.D

Acq: 23 Jul 2018 13:27

Instrument :

BNA_E

ClientSampleId :

YT-MW-7

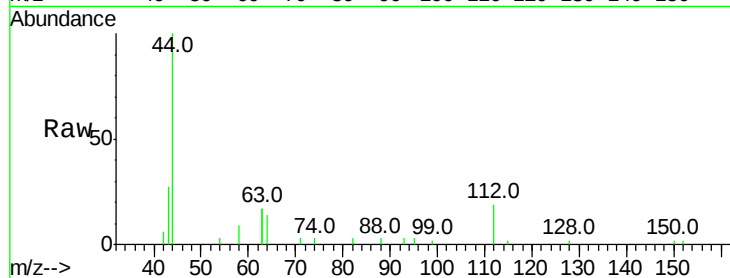
Tot Ion: 112 Resp: 625

Ion Ratio Lower Upper

112 100

64 68.8 60.1 90.1

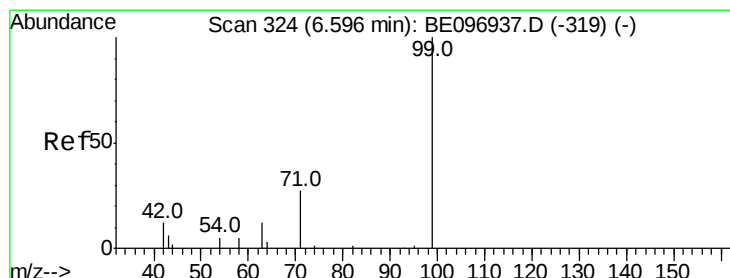
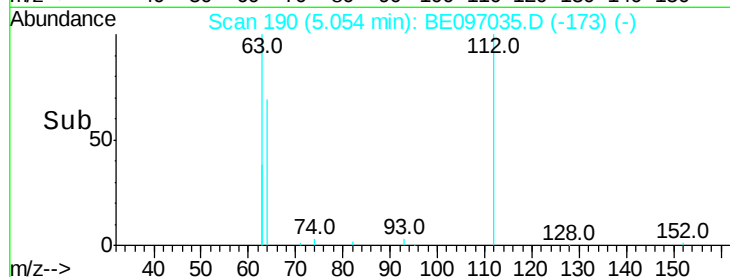
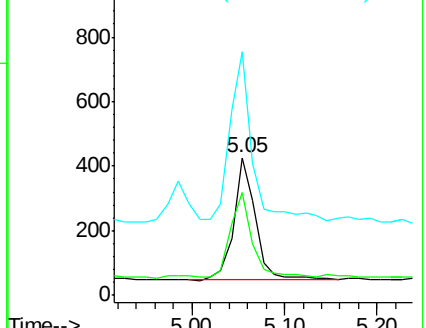
63 143.0 116.8 175.2



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: 0.099 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE097035.D

Acq: 23 Jul 2018 13:27

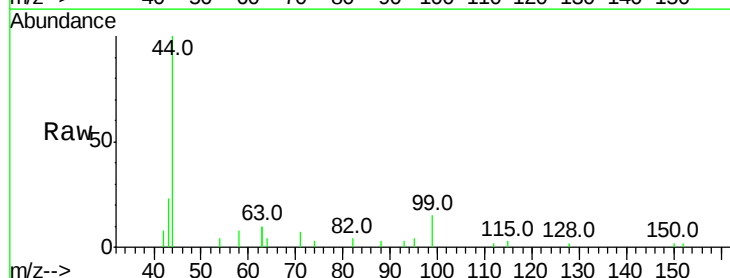
Tgt Ion: 99 Resp: 496

Ion Ratio Lower Upper

99 100

42 41.7 20.2 30.2#

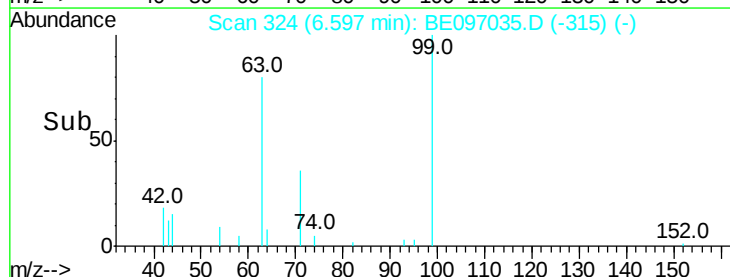
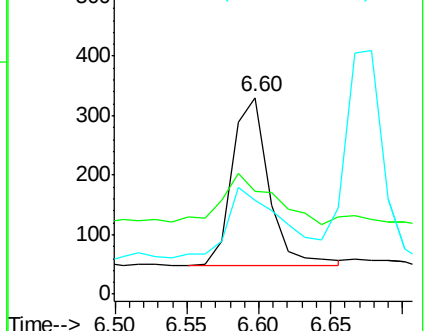
71 63.7 28.4 42.6#

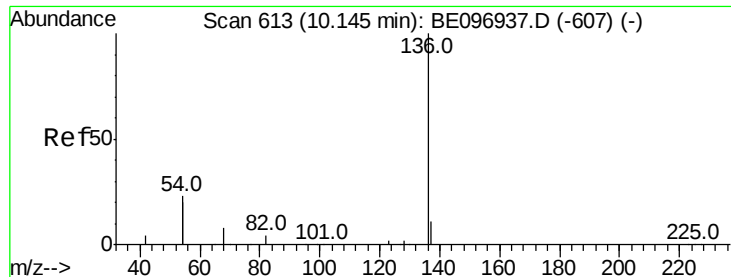


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097035.D

Acq: 23 Jul 2018 13:27

Instrument :

BNA_E

ClientSampleId :

YT-MW-7

Tot Ion:136 Resp: 6593

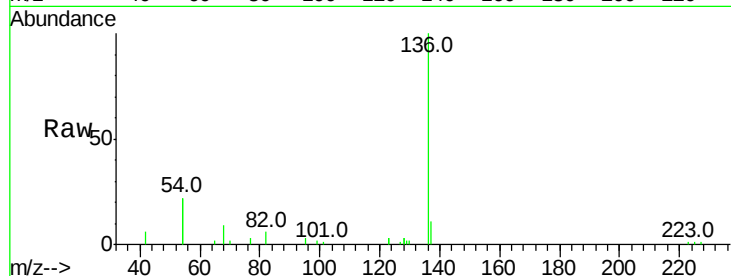
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 43.6 29.1 43.7

68 8.6 6.2 9.2

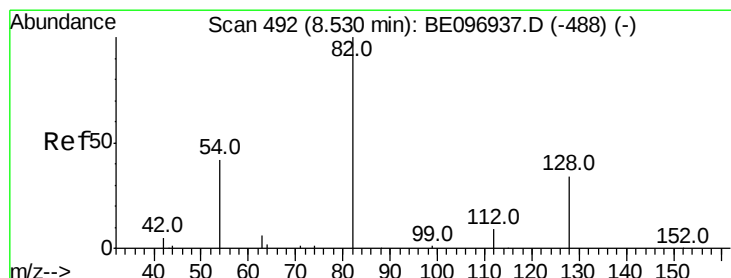
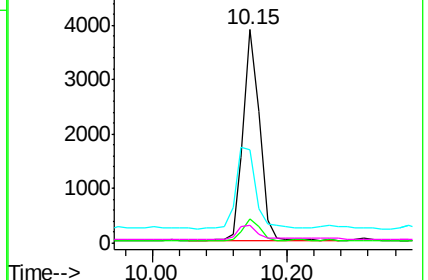
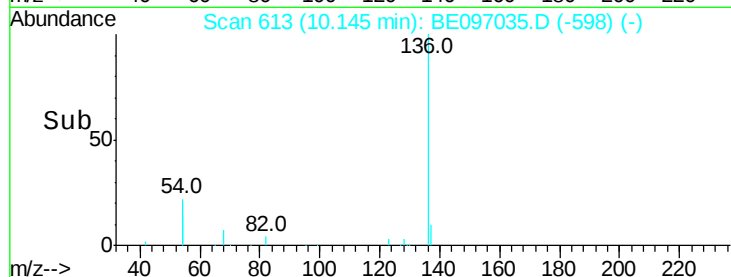


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.521 ng

RT: 8.52 min Scan# 491

Delta R.T. 0.00 min

Lab File: BE097035.D

Acq: 23 Jul 2018 13:27

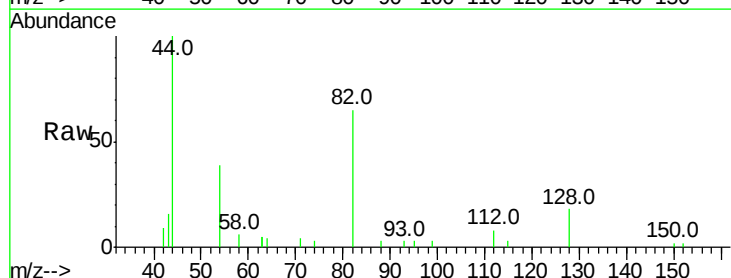
Tgt Ion: 82 Resp: 2506

Ion Ratio Lower Upper

82 100

128 28.3 24.0 36.0

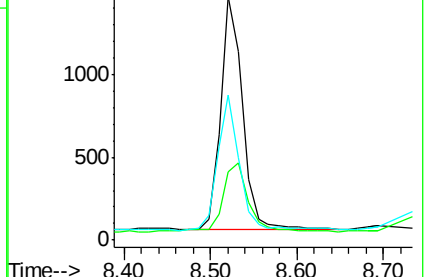
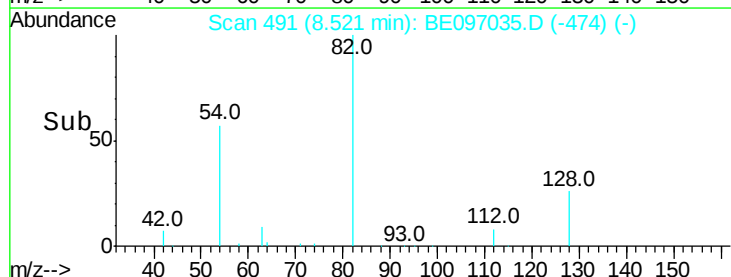
54 59.6 40.0 60.0

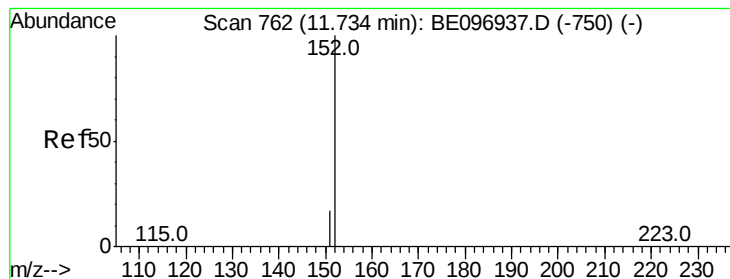


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.388 ng

RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097035.D

Acq: 23 Jul 2018 13:27

Instrument :

BNA_E

ClientSampleId :

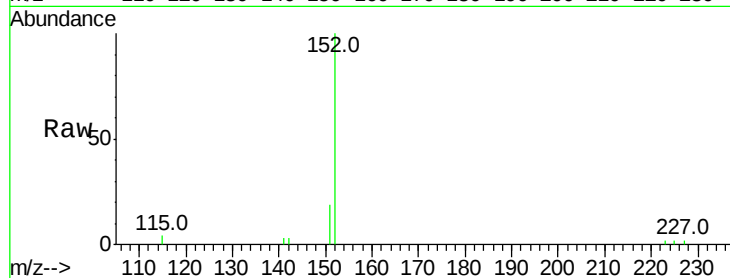
YT-MW-7

Tot Ion:152 Resp: 3725

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

11.73

2500

2000

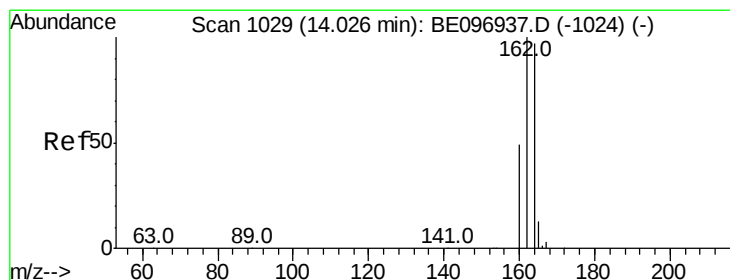
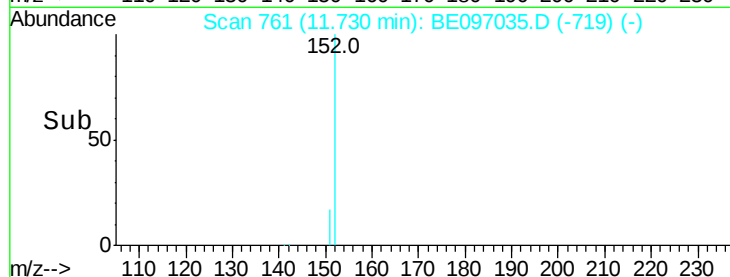
1500

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: BE097035.D

Acq: 23 Jul 2018 13:27

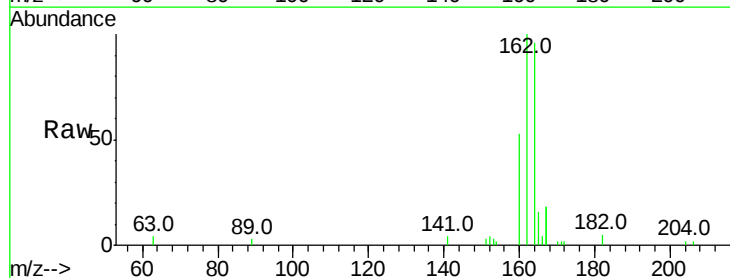
Tgt Ion:164 Resp: 4376

Ion Ratio Lower Upper

164 100

162 104.3 83.1 124.7

160 55.6 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

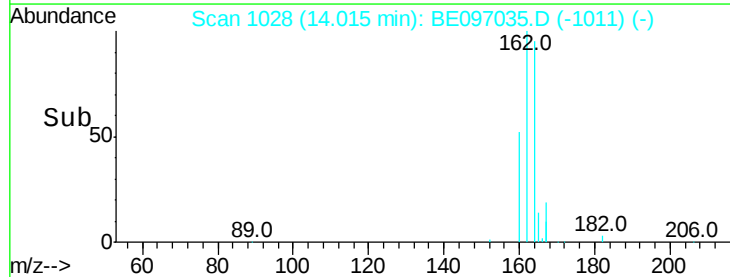
3000

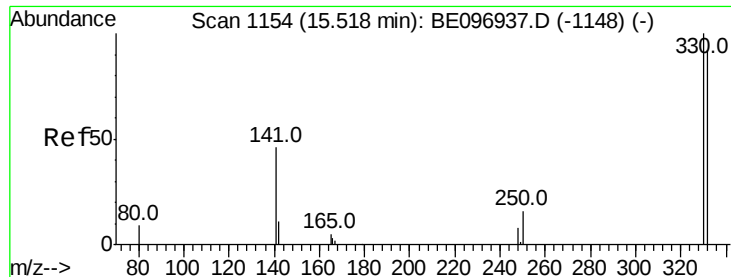
2000

1000

0

Time--> 14.00 14.20

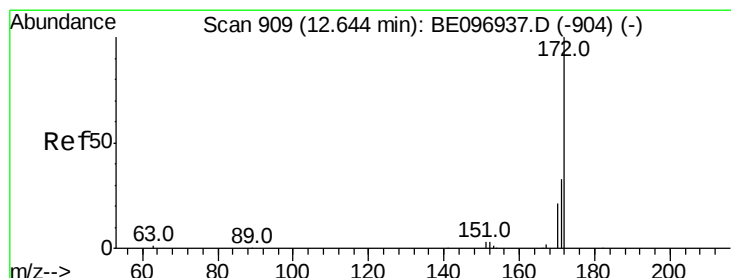
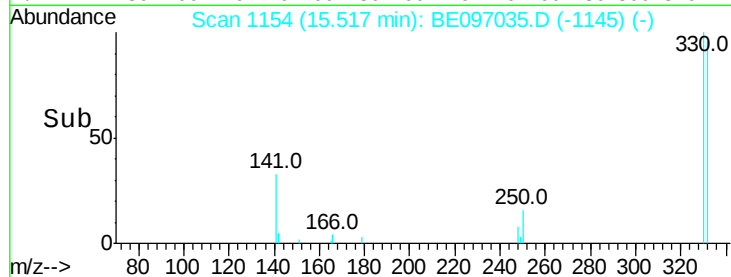
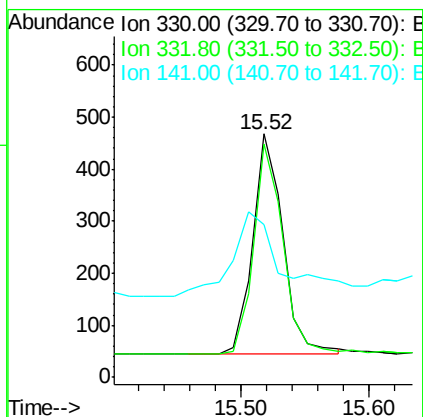
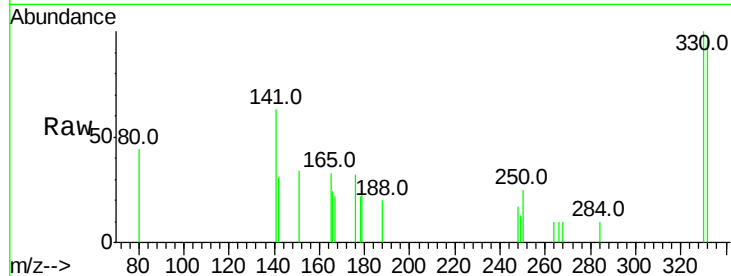




#14
 2,4,6-Tribromophenol
 Concen: 0.666 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE097035.D
 Acq: 23 Jul 2018 13:27

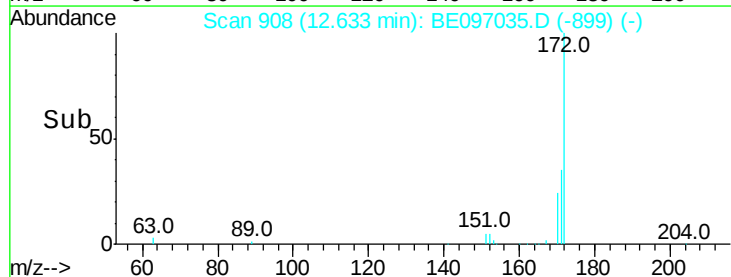
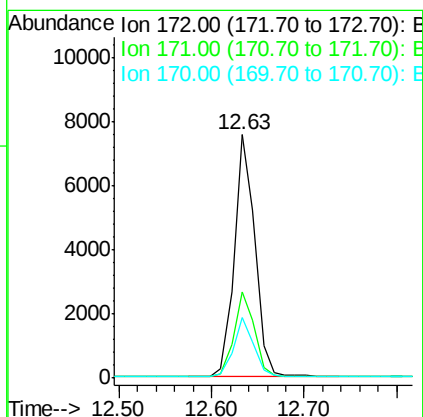
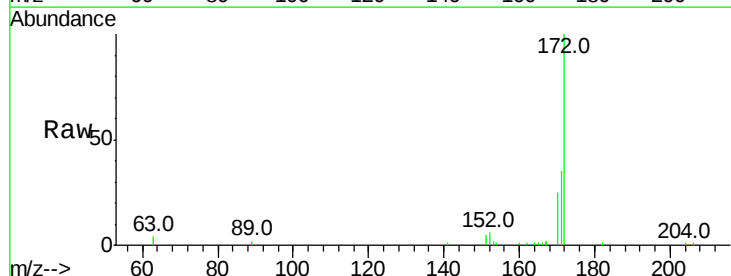
Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-7

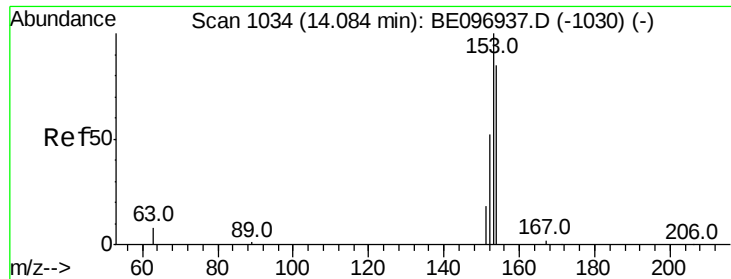
Tot Ion:330 Resp: 703
 Ion Ratio Lower Upper
 330 100
 332 91.5 152.7 229.1#
 141 60.7 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.717 ng
 RT: 12.63 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BE097035.D
 Acq: 23 Jul 2018 13:27

Tgt Ion:172 Resp: 11670
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.9 44.9
 170 24.9 21.8 32.8





#17

Acenaphthene

Concen: 0.067 ng

RT: 14.08 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BE097035.D

Acq: 23 Jul 2018 13:27

Instrument :

BNA_E

ClientSampleId :

YT-MW-7

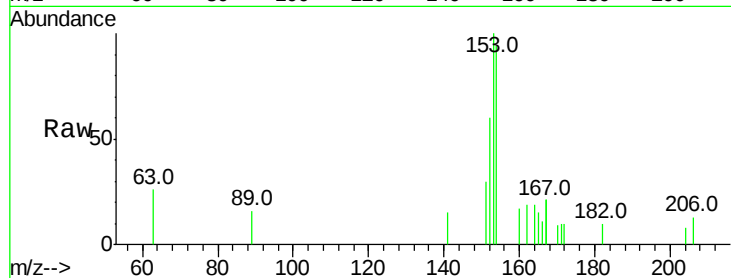
Tot Ion:154 Resp: 828

Ion Ratio Lower Upper

154 100

153 111.2 89.2 133.8

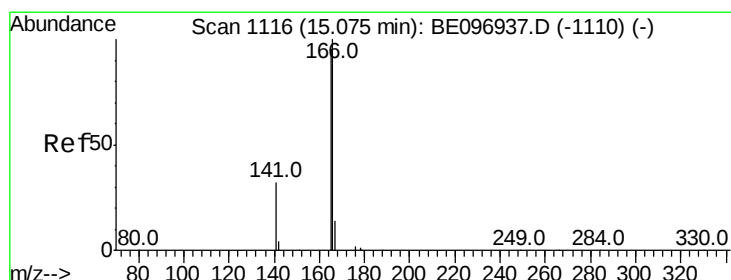
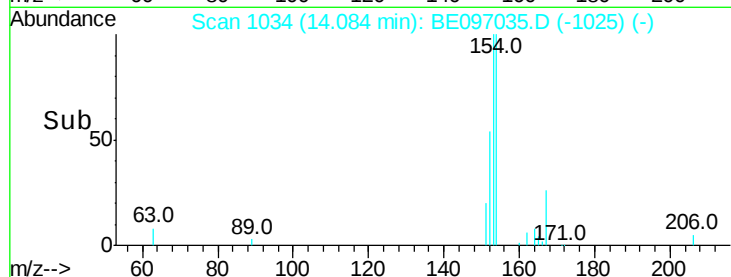
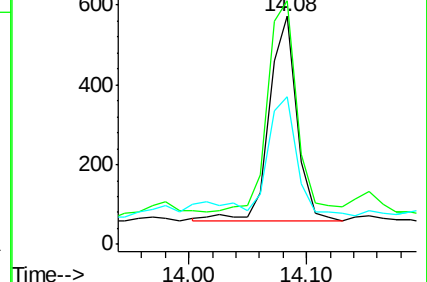
152 59.5 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.094 ng

RT: 15.07 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE097035.D

Acq: 23 Jul 2018 13:27

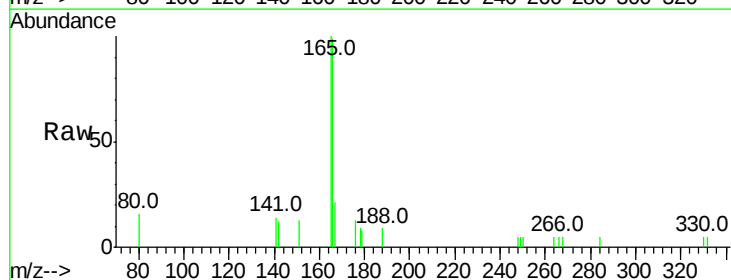
Tgt Ion:166 Resp: 1311

Ion Ratio Lower Upper

166 100

165 95.3 77.8 116.6

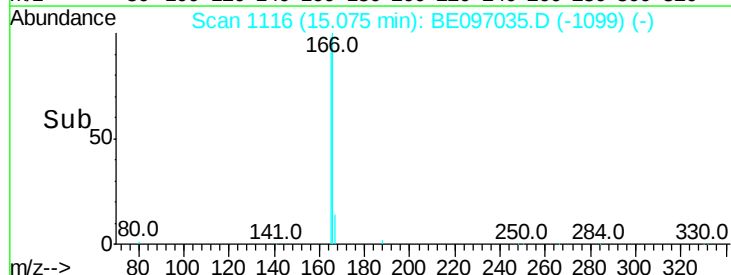
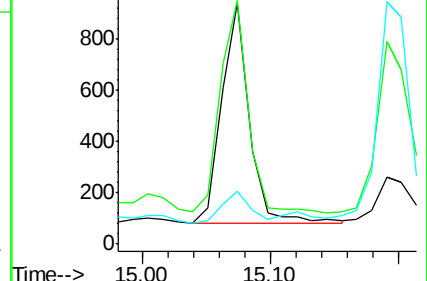
167 15.0 42.4 63.6#

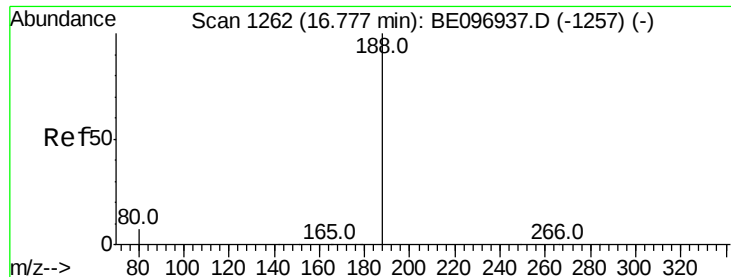


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BE097035.D

Acq: 23 Jul 2018 13:27

Instrument :

BNA_E

ClientSampled :

YT-MW-7

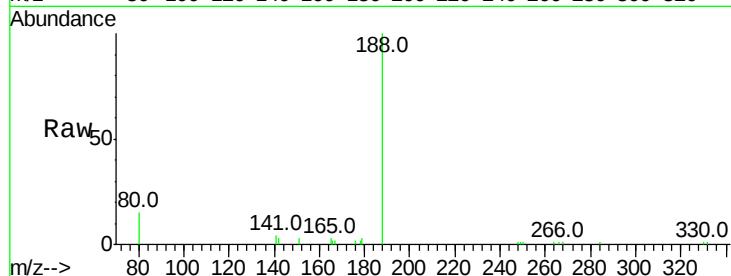
Tot Ion:188 Resp: 12200

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

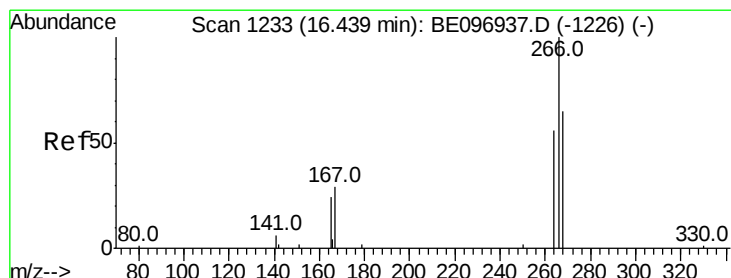
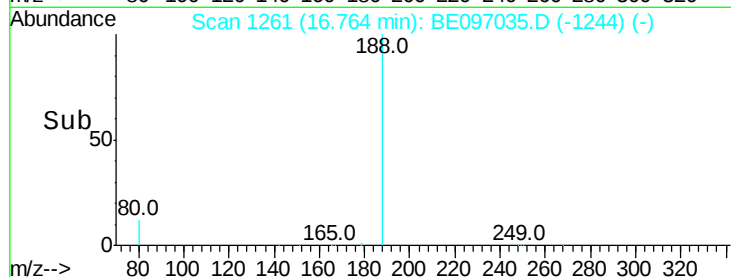
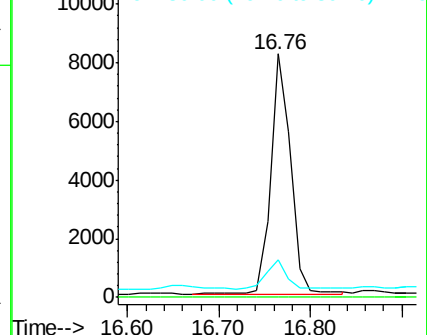
80 15.5 3.6 5.4#



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



#22

Pentachlorophenol

Concen: 0.053 ng

RT: 16.44 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BE097035.D

Acq: 23 Jul 2018 13:27

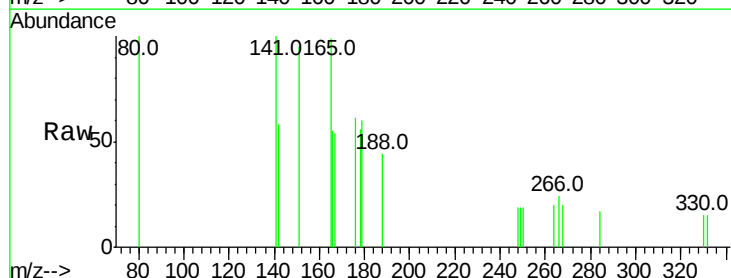
Tgt Ion:266 Resp: 58

Ion Ratio Lower Upper

266 100

264 82.6 72.5 108.7

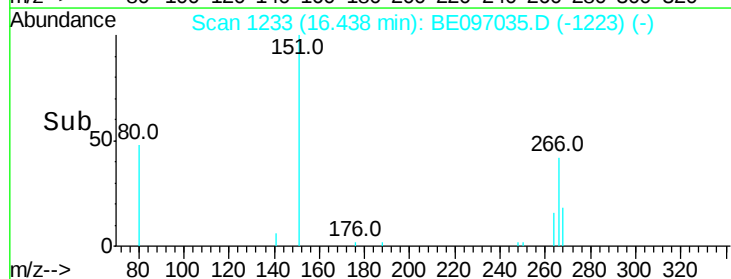
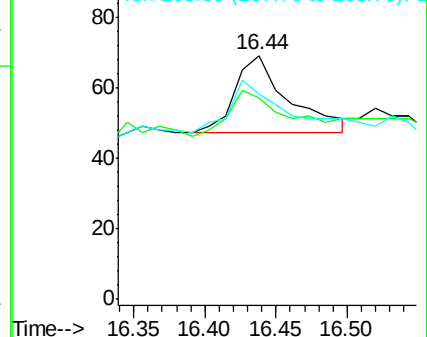
268 84.1 73.8 110.6

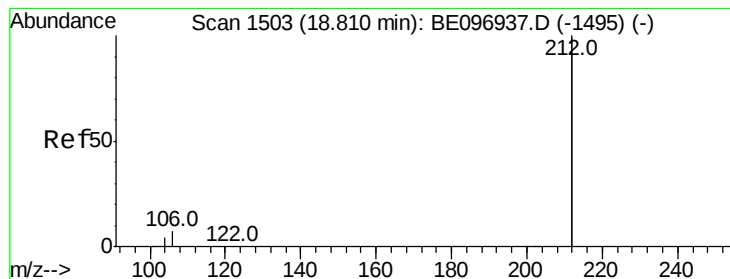


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.587 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097035.D

Acq: 23 Jul 2018 13:27

Instrument :

BNA_E

ClientSampleId :

YT-MW-7

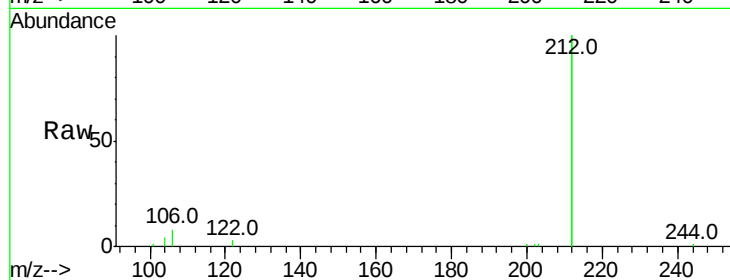
Tot Ion:212 Resp: 62266

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

104 1.7 1.6 2.4

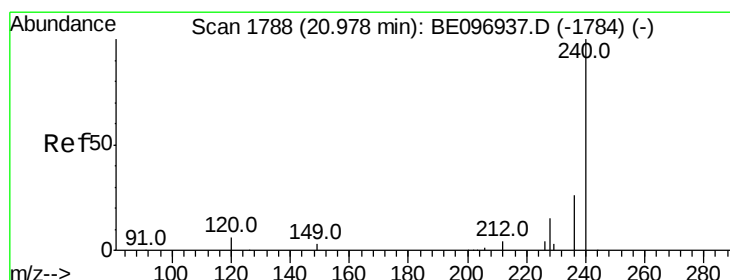
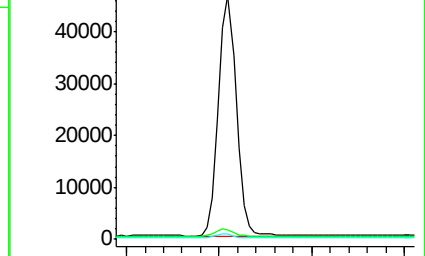
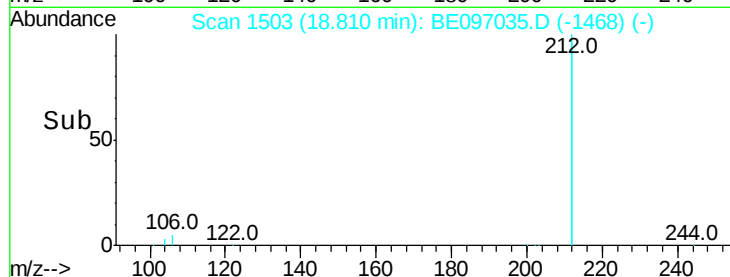


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

18.81



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BE097035.D

Acq: 23 Jul 2018 13:27

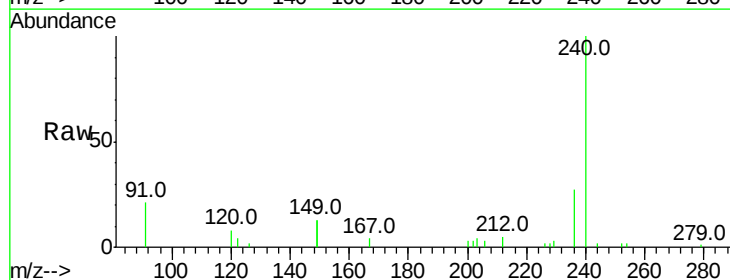
Tgt Ion:240 Resp: 13987

Ion Ratio Lower Upper

240 100

120 8.1 5.5 8.3

236 26.7 20.7 31.1

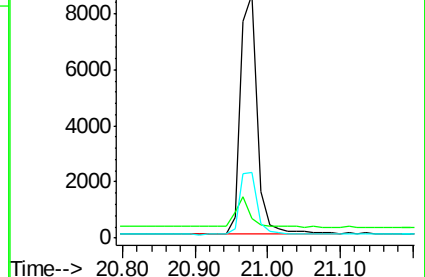
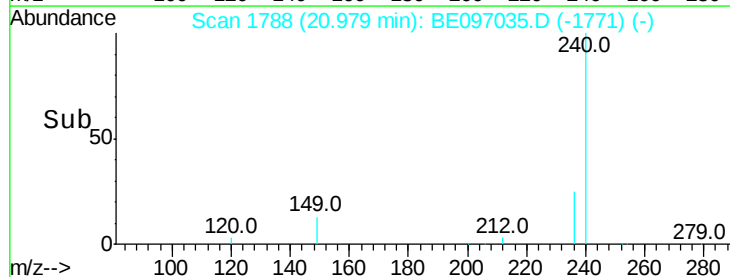


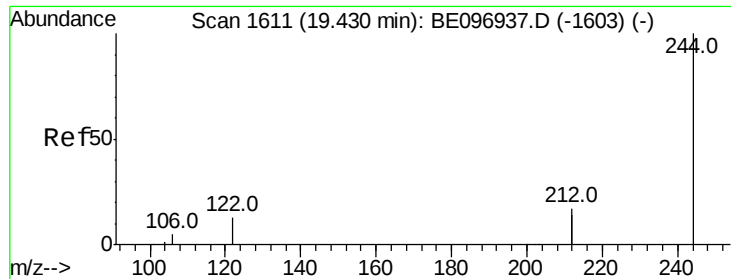
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

20.98





#29

Terphenyl-d14

Concen: 0.483 ng

RT: 19.43 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BE097035.D

Acq: 23 Jul 2018 13:27

Instrument :

BNA_E

ClientSampleId :

YT-MW-7

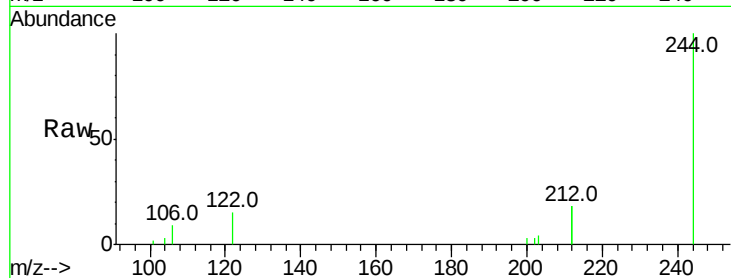
Tot Ion:244 Resp: 13021

Ion Ratio Lower Upper

244 100

212 36.5 25.4 38.0

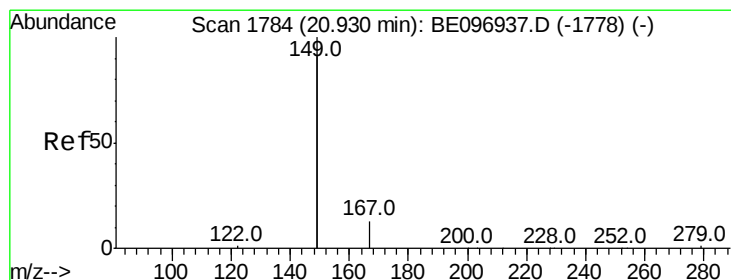
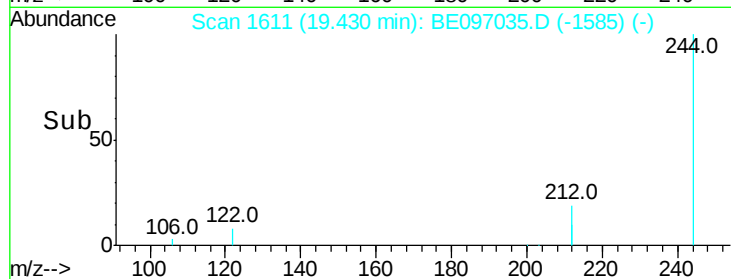
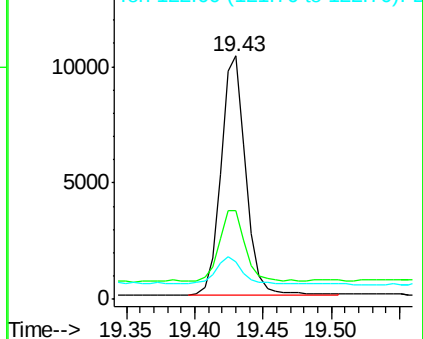
122 15.3 8.1 12.1#



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: 0.145 ng

RT: 20.92 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BE097035.D

Acq: 23 Jul 2018 13:27

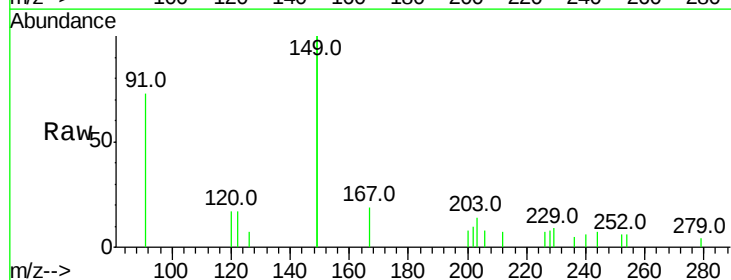
Tgt Ion:149 Resp: 4826

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

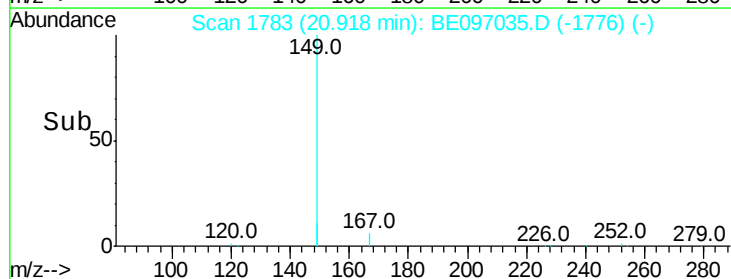
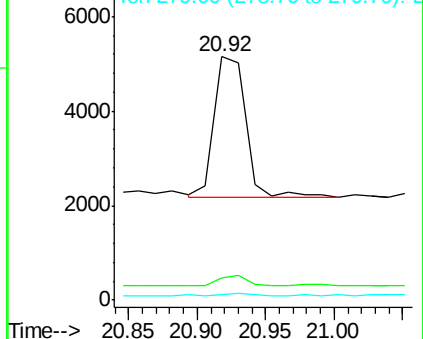
279 1.1 0.7 1.1

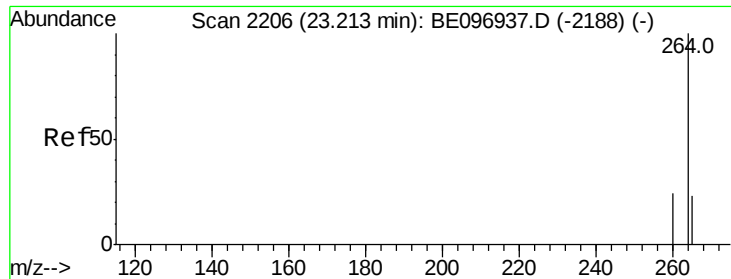


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

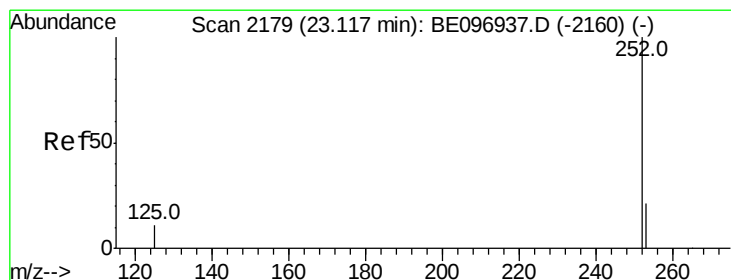
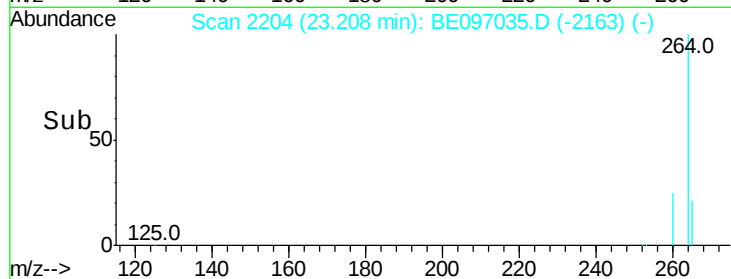
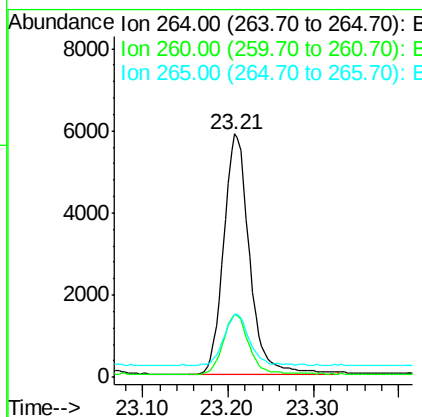
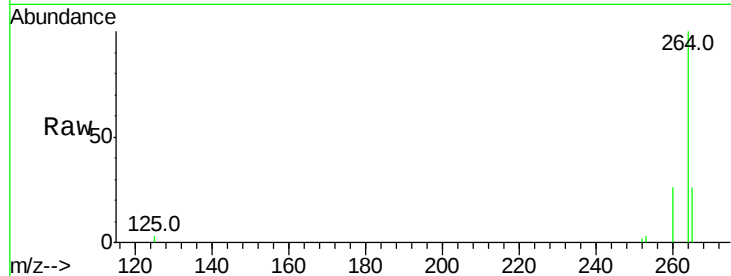




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE097035.D
Acq: 23 Jul 2018 13:27

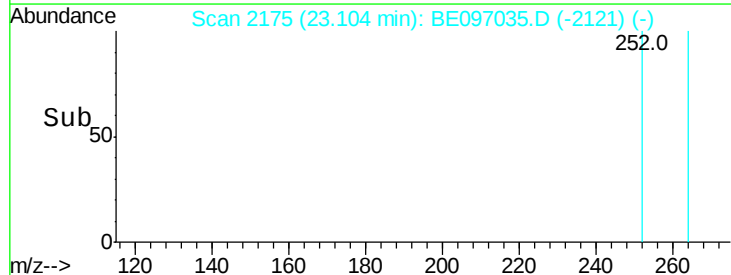
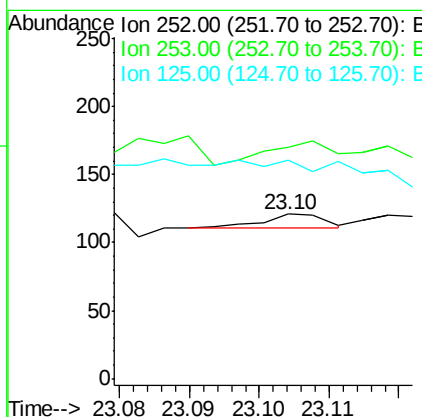
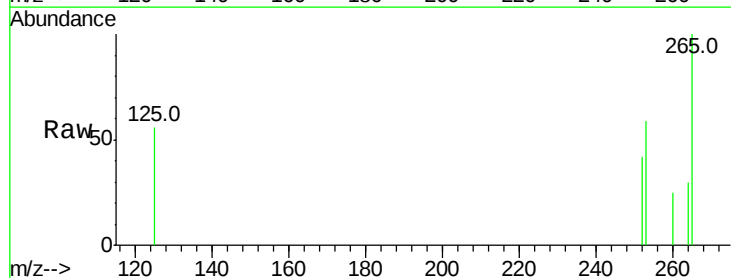
Instrument :
BNA_E
ClientSampleId :
YT-MW-7

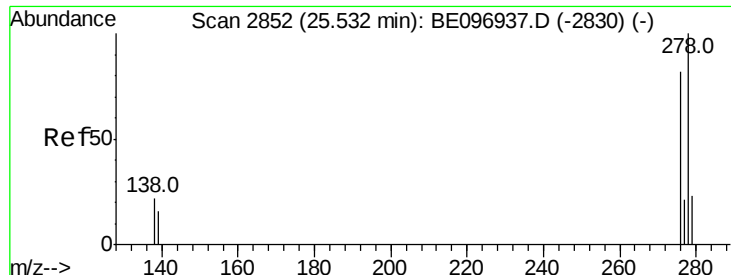
Tot Ion:264 Resp: 12311
Ion Ratio Lower Upper
264 100
260 25.8 20.5 30.7
265 25.9 22.8 34.2



#37
Benzo(a)pyrene
Concen: 0.101 ng
RT: 23.10 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE097035.D
Acq: 23 Jul 2018 13:27

Tgt Ion:252 Resp: 6
Ion Ratio Lower Upper
252 100
253 140.5 16.0 24.0#
125 133.1 12.0 18.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.118 ng

RT: 25.52 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE097035.D

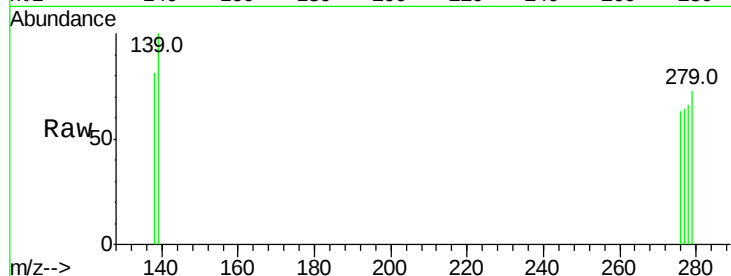
Acq: 23 Jul 2018 13:27

Instrument :

BNA_E

ClientSampleId :

YT-MW-7



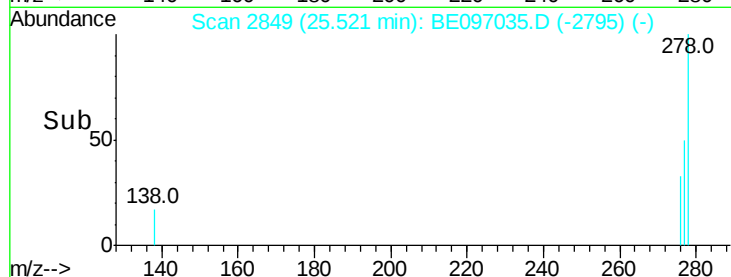
Tot Ion:278 Resp: 6

Ion Ratio Lower Upper

278 100

139 151.6 16.0 24.0#

279 111.3 20.0 30.0#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

