

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061818\
 Data File : BE096812.D
 Acq On : 18 Jun 2018 17:18
 Operator : SJ/JU
 Sample : J3467-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-07-061118

Quant Time: Jun 18 18:05:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 18 13:28:13 2018
 Response via : Initial Calibration

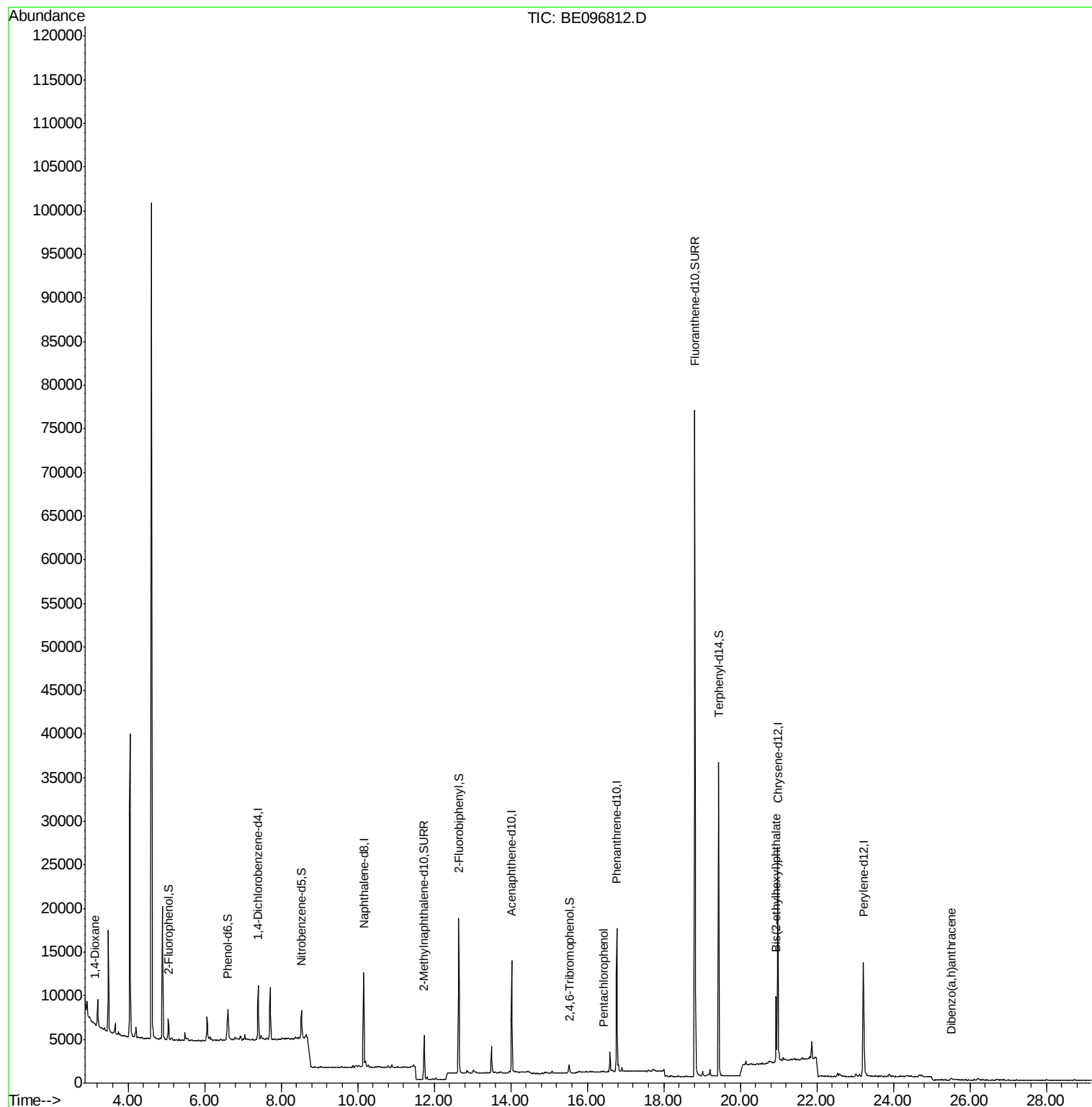
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2699	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	12237	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	6609	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	21364	0.40	ng	0.00
27) Chrysene-d12	20.98	240	21959	0.40	ng	0.00
34) Perylene-d12	23.22	264	17645	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1077	0.18	ng	-0.01
5) Phenol-d6	6.60	99	912	0.10	ng	0.00
8) Nitrobenzene-d5	8.53	82	2568	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	6911	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	599	0.42	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	15076	0.55	ng	0.00
25) Fluoranthene-d10	18.82	212	94651	0.45	ng	0.00
29) Terphenyl-d14	19.44	244	29133	0.59	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.12	88	111	0.025	ng	Qvalue # 38
22) Pentachlorophenol	16.44	266	30	0.103	ng	92
32) Bis(2-ethylhexyl)phthalate	20.93	149	11265	0.282	ng	100
38) Dibenzo(a,h)anthracene	25.52	278	70	0.078	ng	# 1

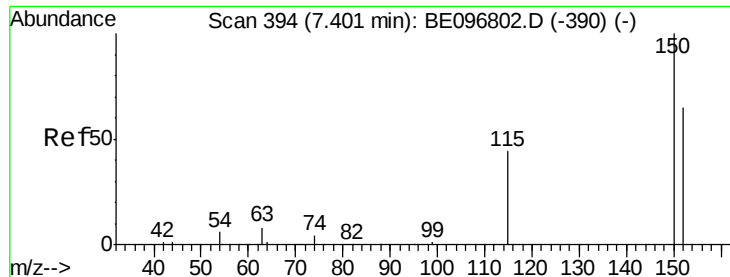
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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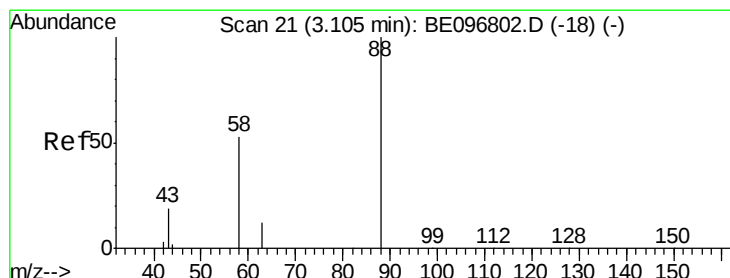
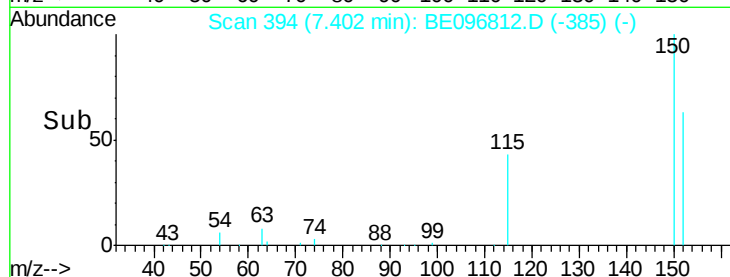
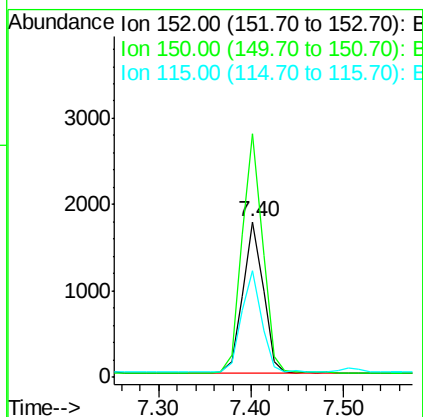
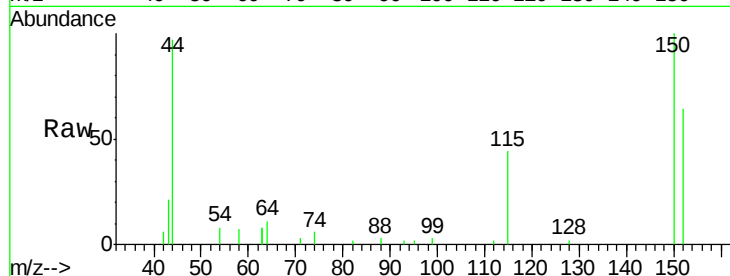


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096812.D
Acq: 18 Jun 2018 17:18

Instrument :
BNA_E
ClientSampleId :
C-MW-07-061118

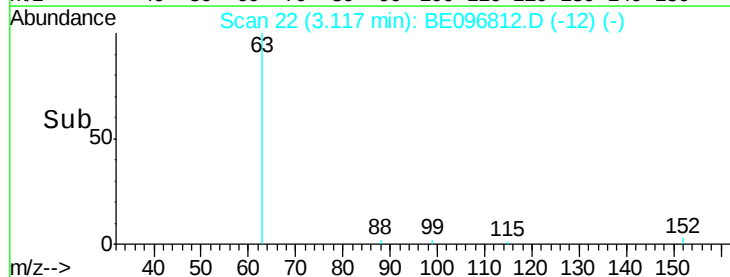
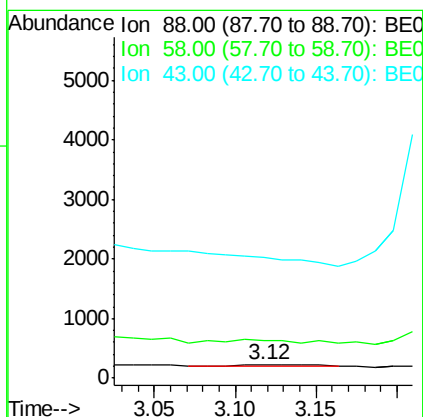
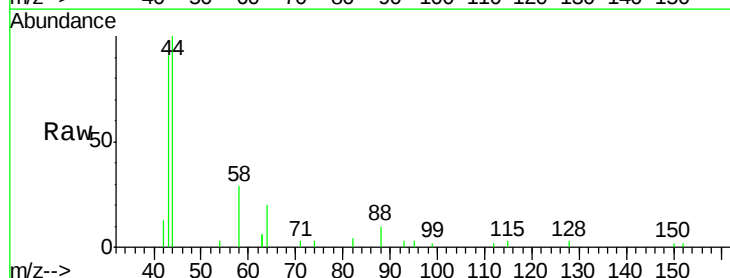
Tgt Ion: 152 Resp: 2699
Ion Ratio Lower Upper
152 100
150 156.3 117.2 175.8
115 68.8 57.0 85.6

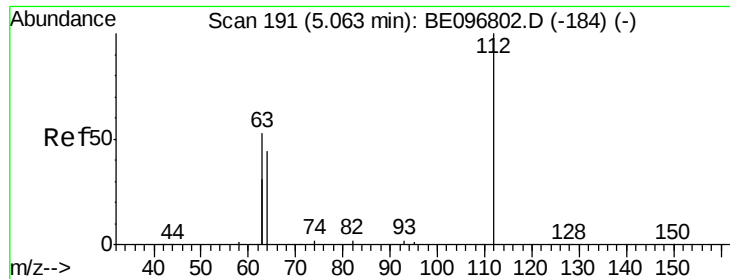


#2

1,4-Dioxane
Concen: 0.025 ng
RT: 3.12 min Scan# 22
Delta R.T. 0.01 min
Lab File: BE096812.D
Acq: 18 Jun 2018 17:18

Tgt Ion: 88 Resp: 111
Ion Ratio Lower Upper
88 100
58 127.0 63.2 94.8#
43 0.0 41.2 61.8#





#4

2-Fluorophenol

Concen: 0.183 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.01 min

Lab File: BE096812.D

Acq: 18 Jun 2018 17:18

Instrument :

BNA_E

ClientSampleId :

C-MW-07-061118

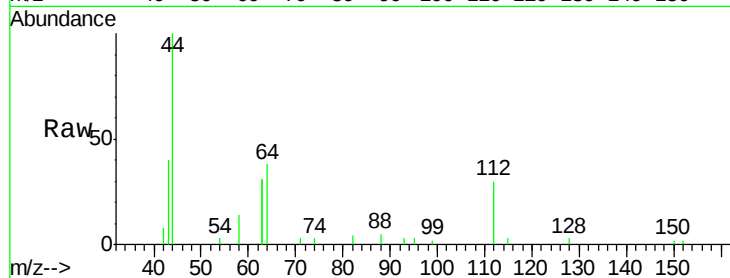
Tgt Ion: 112 Resp: 1077

Ion Ratio Lower Upper

112 100

64 77.1 60.1 90.1

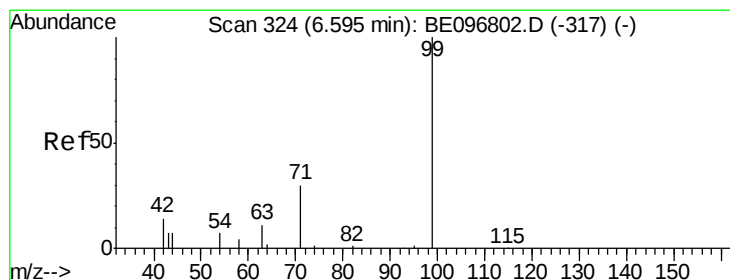
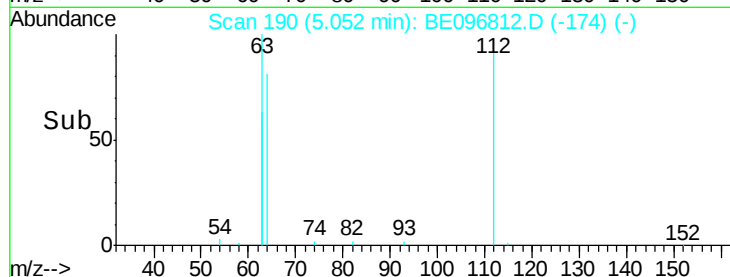
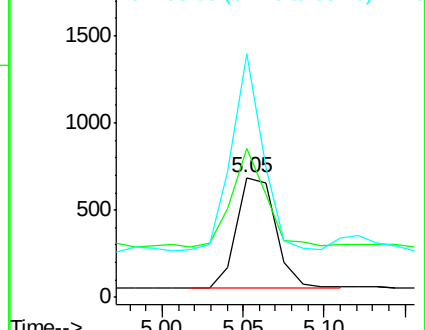
63 149.4 116.8 175.2



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



#5

Phenol-d6

Concen: 0.103 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE096812.D

Acq: 18 Jun 2018 17:18

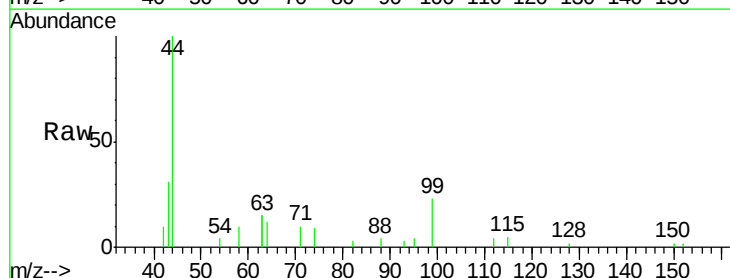
Tgt Ion: 99 Resp: 912

Ion Ratio Lower Upper

99 100

42 42.3 20.2 30.2#

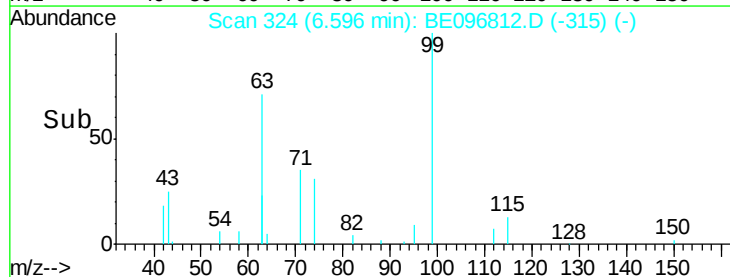
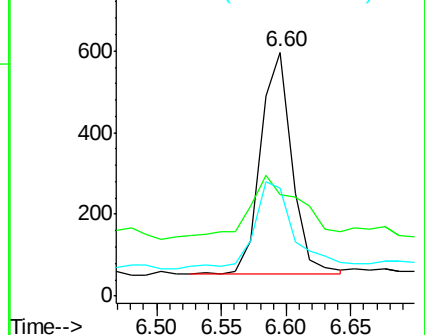
71 50.8 28.4 42.6#

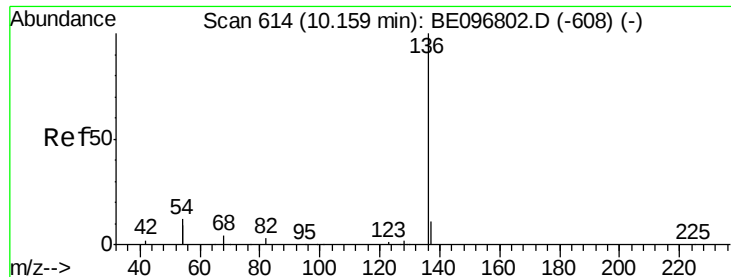


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.16 min Scan# 614

Delta R.T. -0.00 min

Lab File: BE096812.D

Acq: 18 Jun 2018 17:18

Instrument :

BNA_E

ClientSampleId :

C-MW-07-061118

Tgt Ion:136 Resp: 12237

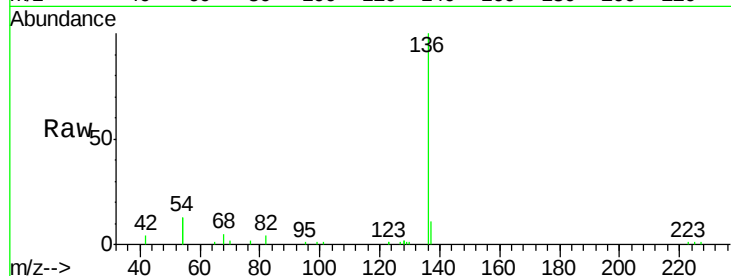
Ion Ratio Lower Upper

136 100

137 11.0 9.5 14.3

54 26.1 29.1 43.7#

68 5.2 6.2 9.2#

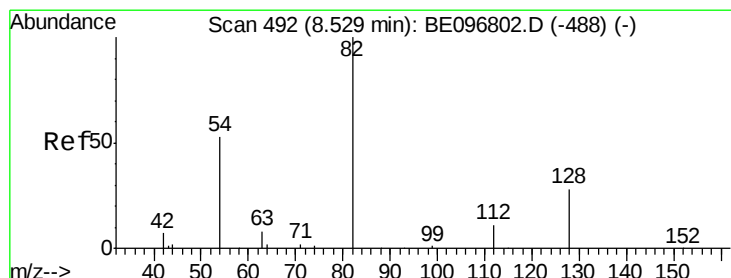
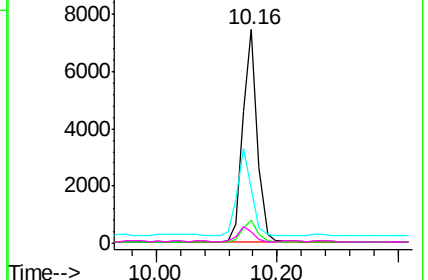
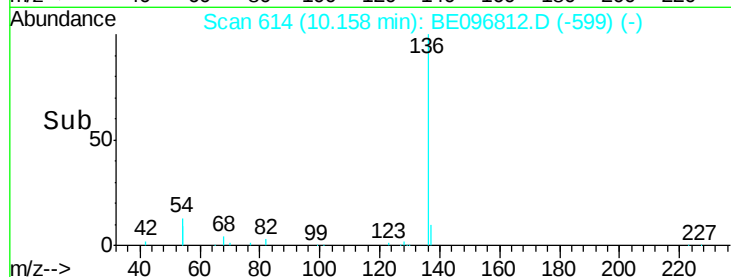


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.377 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096812.D

Acq: 18 Jun 2018 17:18

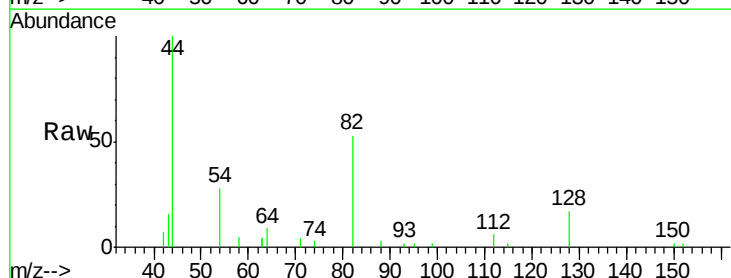
Tgt Ion: 82 Resp: 2568

Ion Ratio Lower Upper

82 100

128 32.7 24.0 36.0

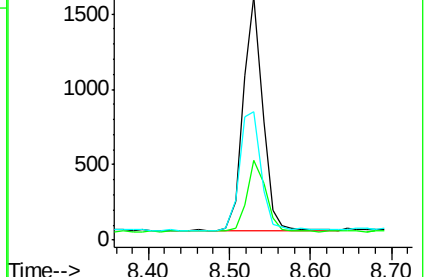
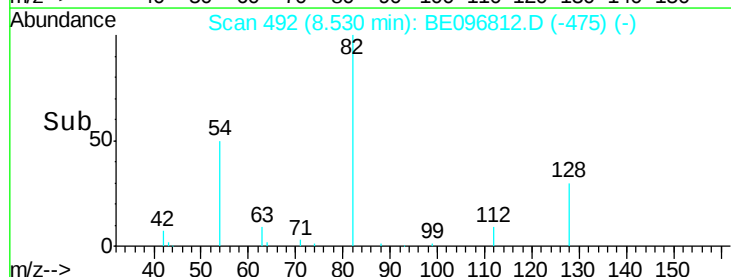
54 52.5 40.0 60.0

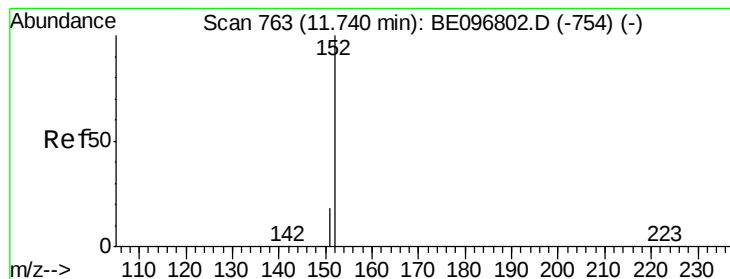


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.354 ng

RT: 11.74 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE096812.D

Acq: 18 Jun 2018 17:18

Instrument :

BNA_E

ClientSampleId :

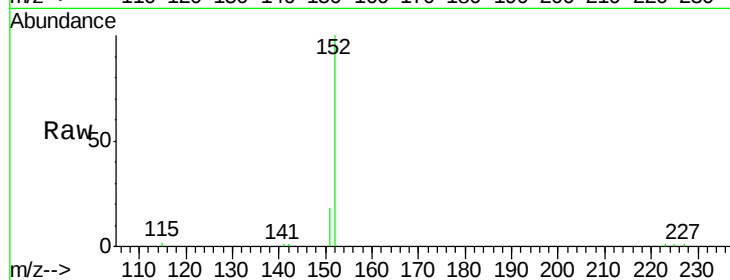
C-MW-07-061118

Tgt Ion:152 Resp: 6911

Ion Ratio Lower Upper

152 100

151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.74

4000

3000

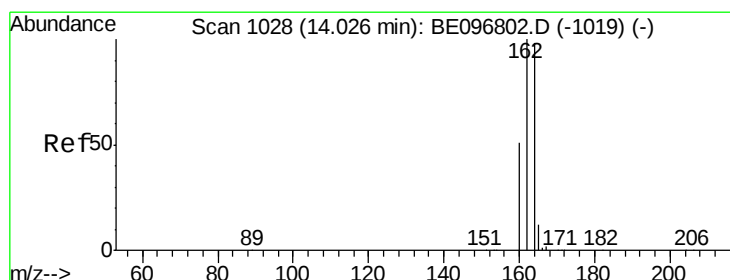
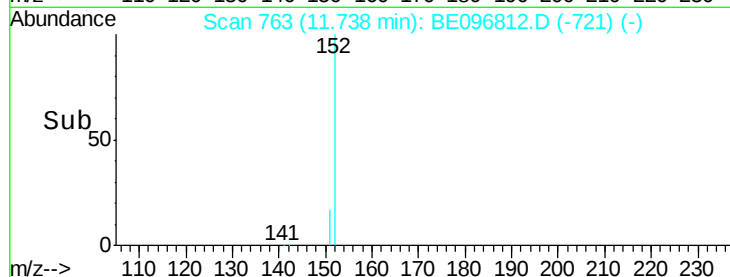
2000

1000

0

Time-->

11.65 11.70 11.75 11.80



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BE096812.D

Acq: 18 Jun 2018 17:18

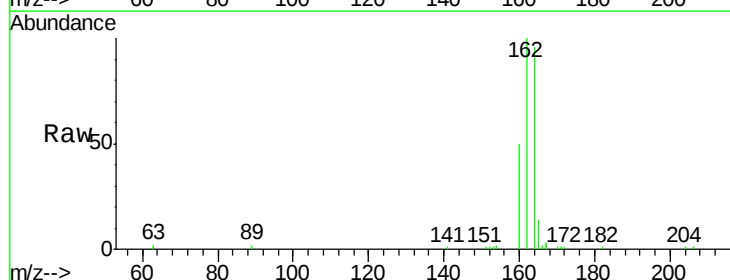
Tgt Ion:164 Resp: 6609

Ion Ratio Lower Upper

164 100

162 104.0 83.1 124.7

160 52.3 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

14.03

6000

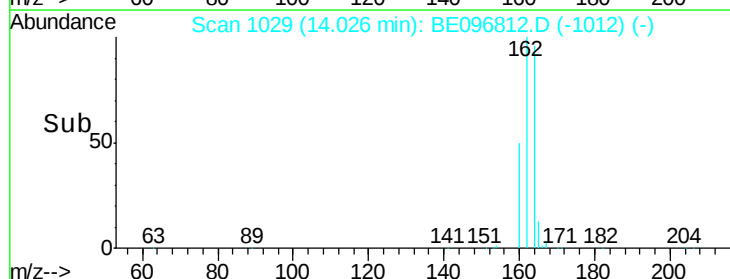
4000

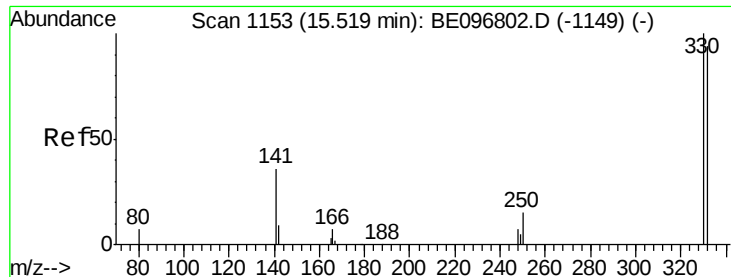
2000

0

Time-->

13.90 14.00 14.10





#14

2,4,6-Tribromophenol

Concen: 0.423 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE096812.D

Acq: 18 Jun 2018 17:18

Instrument :

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ClientSampleId :

C-MW-07-061118

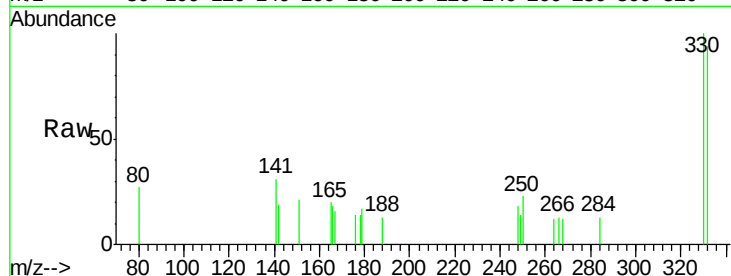
Tgt Ion:330 Resp: 599

Ion Ratio Lower Upper

330 100

332 91.5 152.7 229.1#

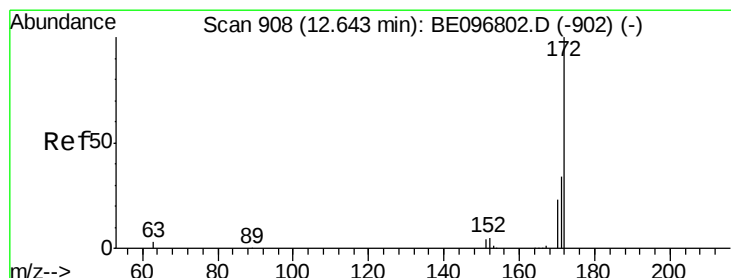
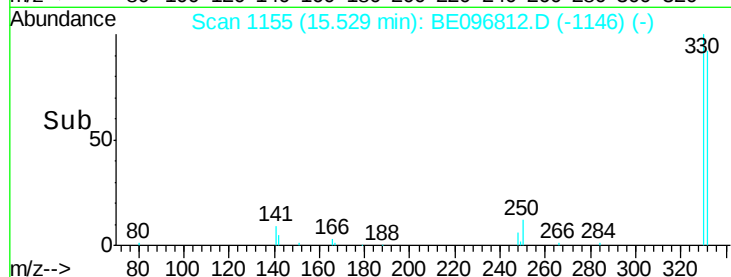
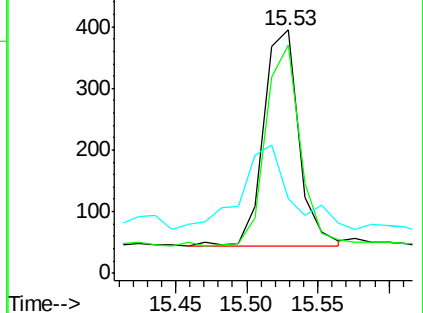
141 55.3 33.7 50.5#



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: 0.555 ng

RT: 12.64 min Scan# 909

Delta R.T. 0.00 min

Lab File: BE096812.D

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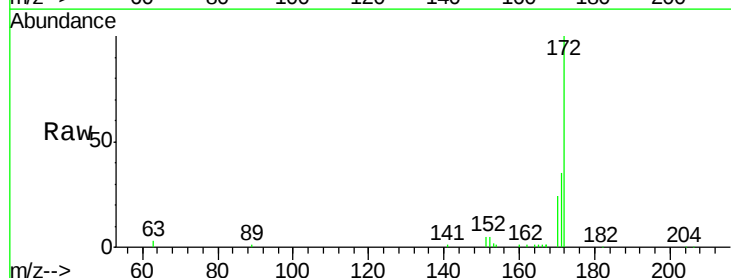
Tgt Ion:172 Resp: 15076

Ion Ratio Lower Upper

172 100

171 35.1 29.9 44.9

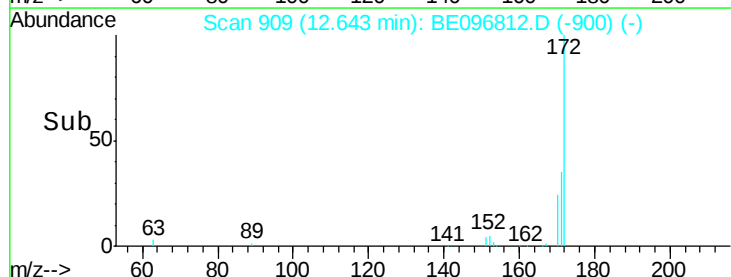
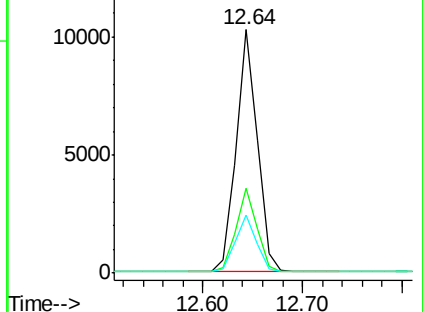
170 23.9 21.8 32.8

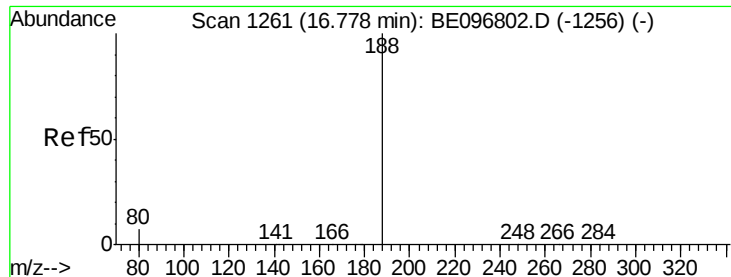


Abundance Ion 172.00 (171.70 to 172.70): E

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: 16.78 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BE096812.D

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C-MW-07-061118

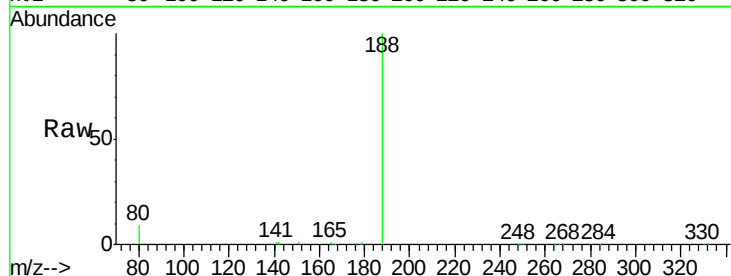
Tgt Ion:188 Resp: 21364

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

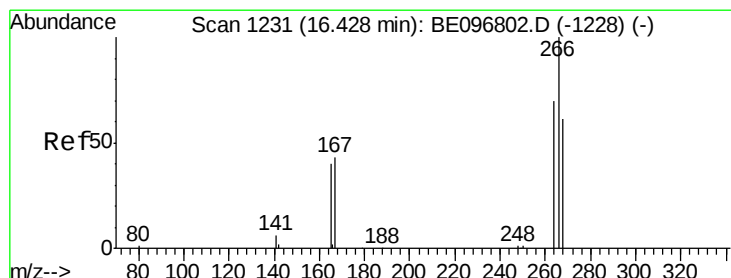
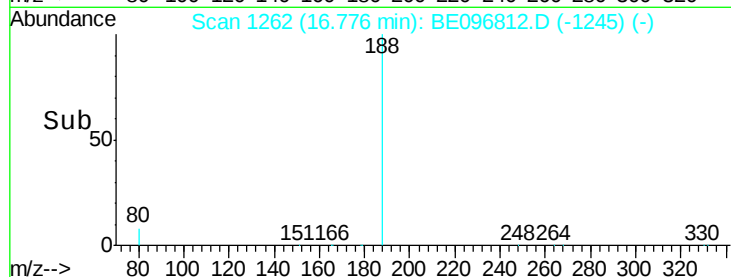
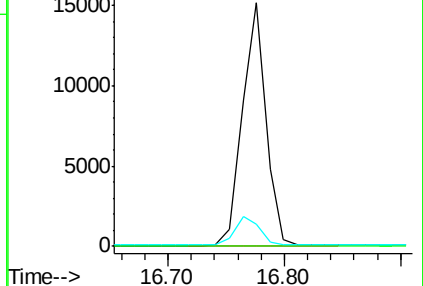
80 9.0 3.6 5.4#



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: 0.103 ng

RT: 16.44 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BE096812.D

Acq: 18 Jun 2018 17:18

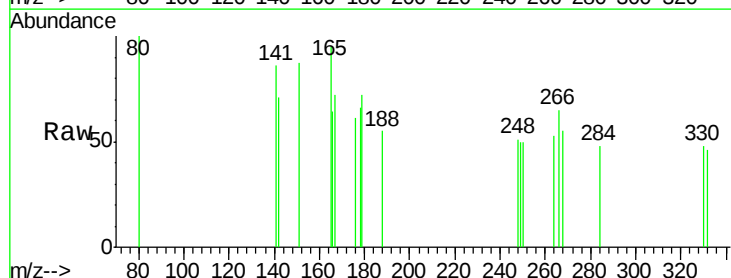
Tgt Ion:266 Resp: 30

Ion Ratio Lower Upper

266 100

264 82.1 72.5 108.7

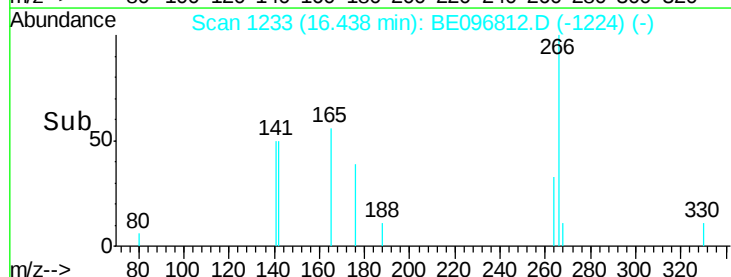
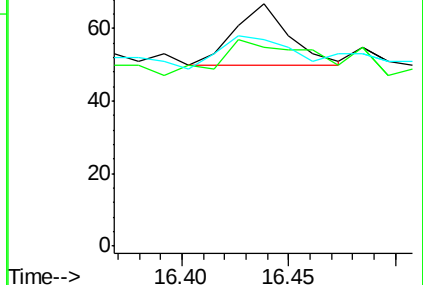
268 85.1 73.8 110.6

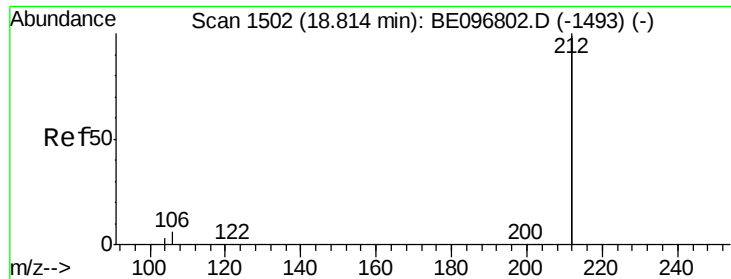


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.453 ng

RT: 18.82 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BE096812.D

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C-MW-07-061118

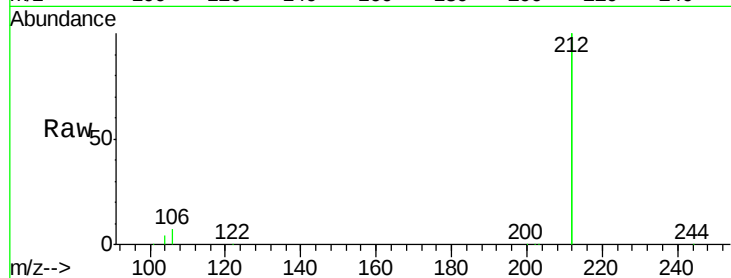
Tgt Ion:212 Resp: 94651

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

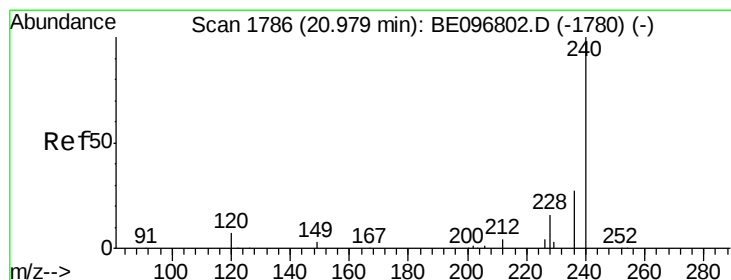
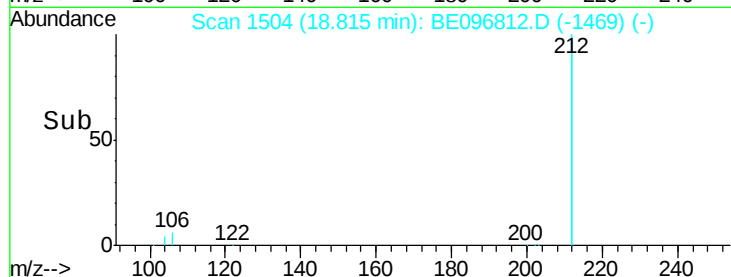
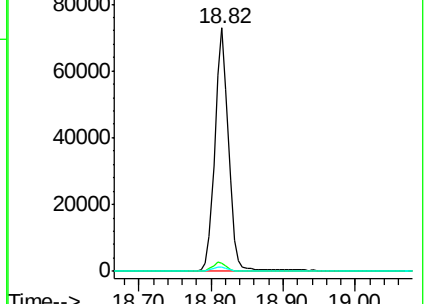
104 2.0 1.6 2.4



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# 1788

Delta R.T. -0.00 min

Lab File: BE096812.D

Acq: 18 Jun 2018 17:18

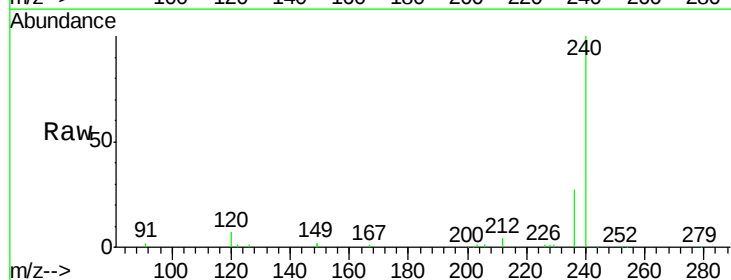
Tgt Ion:240 Resp: 21959

Ion Ratio Lower Upper

240 100

120 7.0 5.5 8.3

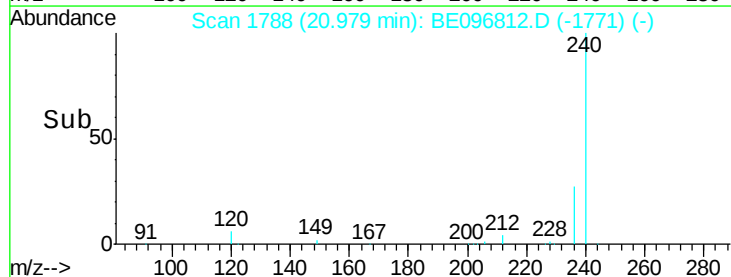
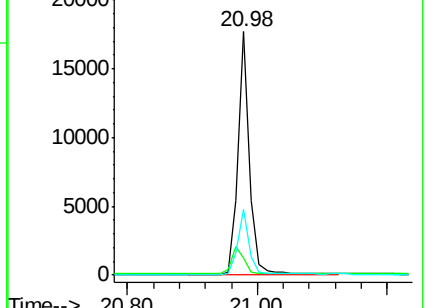
236 27.0 20.7 31.1

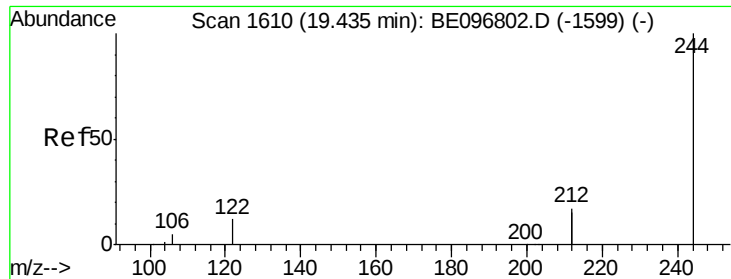


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.585 ng

RT: 19.44 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE096812.D

Acq: 18 Jun 2018 17:18

Instrument :

BNA_E

ClientSampleId :

C-MW-07-061118

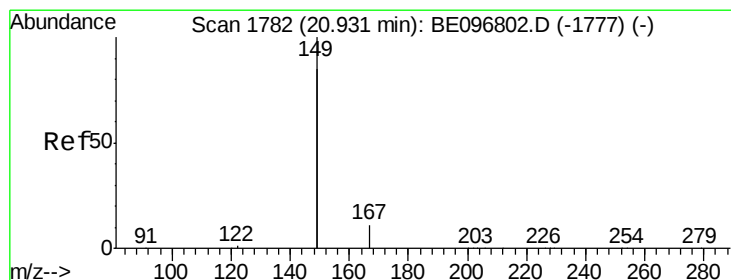
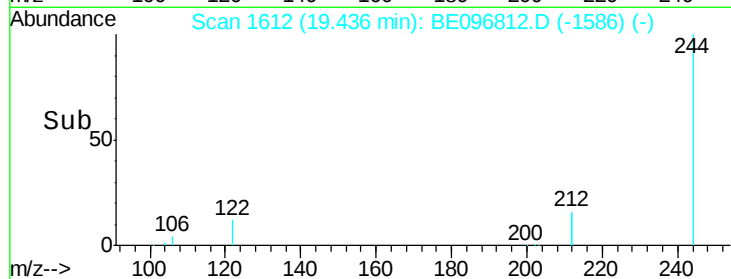
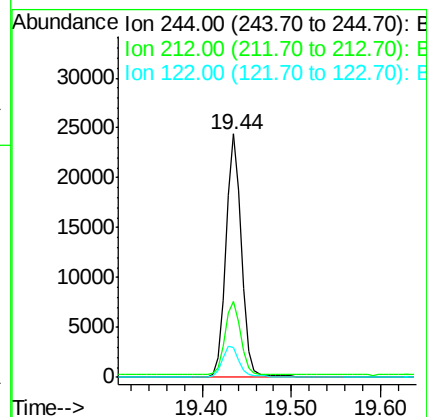
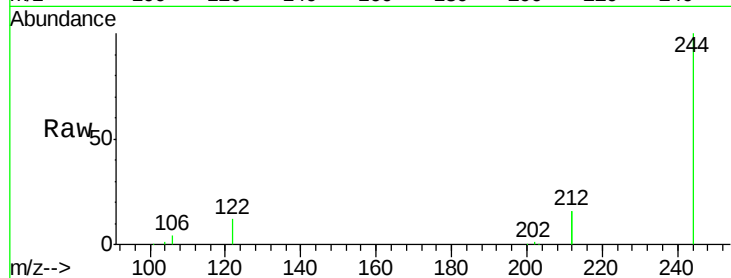
Tgt Ion:244 Resp: 29133

Ion Ratio Lower Upper

244 100

212 31.0 25.4 38.0

122 12.4 8.1 12.1#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.282 ng

RT: 20.93 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BE096812.D

Acq: 18 Jun 2018 17:18

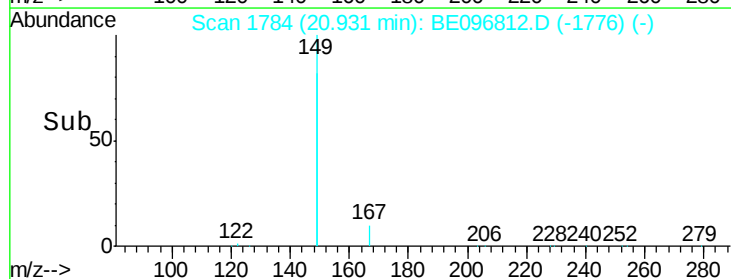
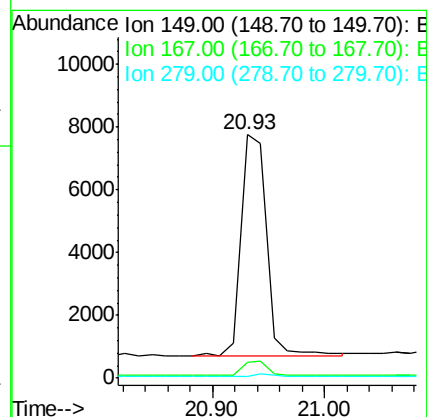
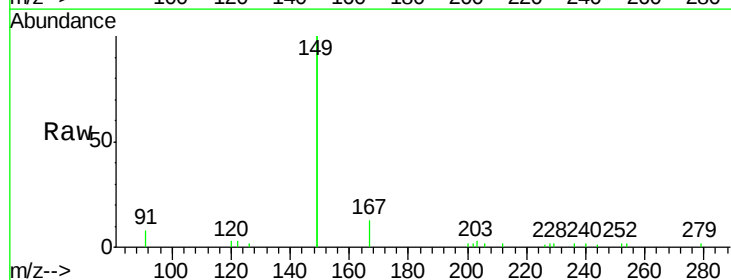
Tgt Ion:149 Resp: 11265

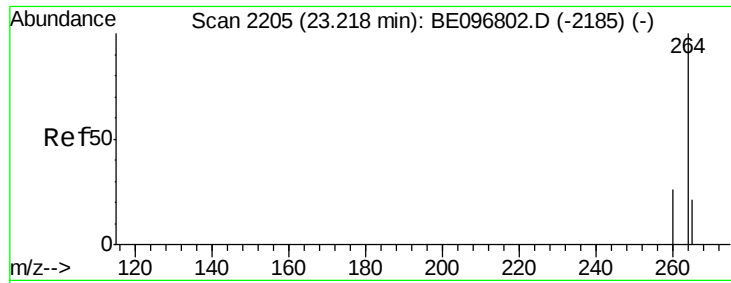
Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

279 0.9 0.7 1.1

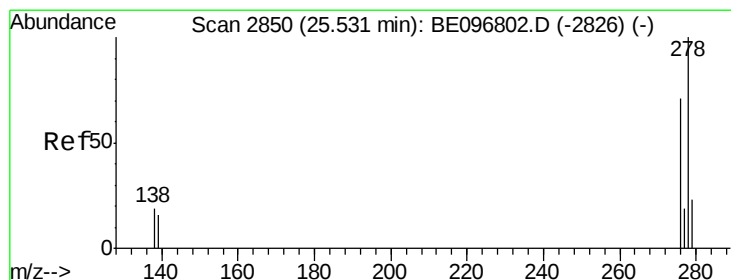
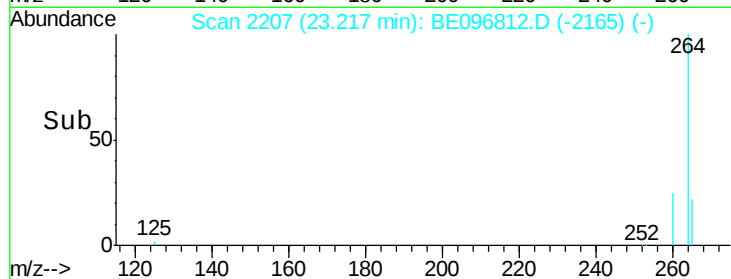
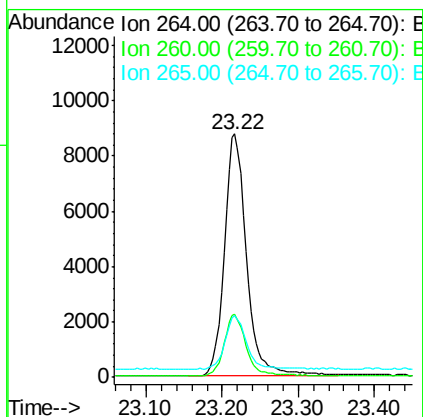
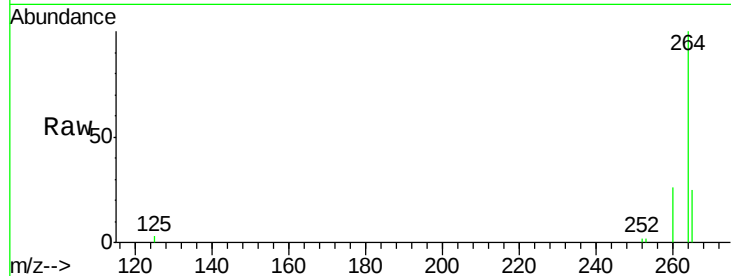




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE096812.D
 Acq: 18 Jun 2018 17:18

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-07-061118

Tgt Ion: 264 Resp: 17645
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.5 30.7
 265 25.2 22.8 34.2



#38
 Dibenzo(a,h)anthracene
 Concen: 0.078 ng
 RT: 25.52 min Scan# 2850
 Delta R.T. -0.01 min
 Lab File: BE096812.D
 Acq: 18 Jun 2018 17:18

Tgt Ion: 278 Resp: 70
 Ion Ratio Lower Upper
 278 100
 139 75.5 16.0 24.0#
 279 73.6 20.0 30.0#

