

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061818\
 Data File : BE096813.D
 Acq On : 18 Jun 2018 17:57
 Operator : SJ/JU
 Sample : J3467-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB-061118

Quant Time: Jun 18 18:51:10 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	2656	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	12131	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	6289	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	19210	0.40	ng	0.00
27) Chrysene-d12	20.98	240	17066	0.40	ng	0.00
34) Perylene-d12	23.22	264	16411	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	1129	0.19	ng	-0.01
5) Phenol-d6	6.60	99	943	0.11	ng	0.00
8) Nitrobenzene-d5	8.53	82	2651	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	6709	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	550	0.41	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	15824	0.61	ng	0.00
25) Fluoranthene-d10	18.81	212	75936	0.40	ng	0.00
29) Terphenyl-d14	19.43	244	23523	0.61	ng	0.00

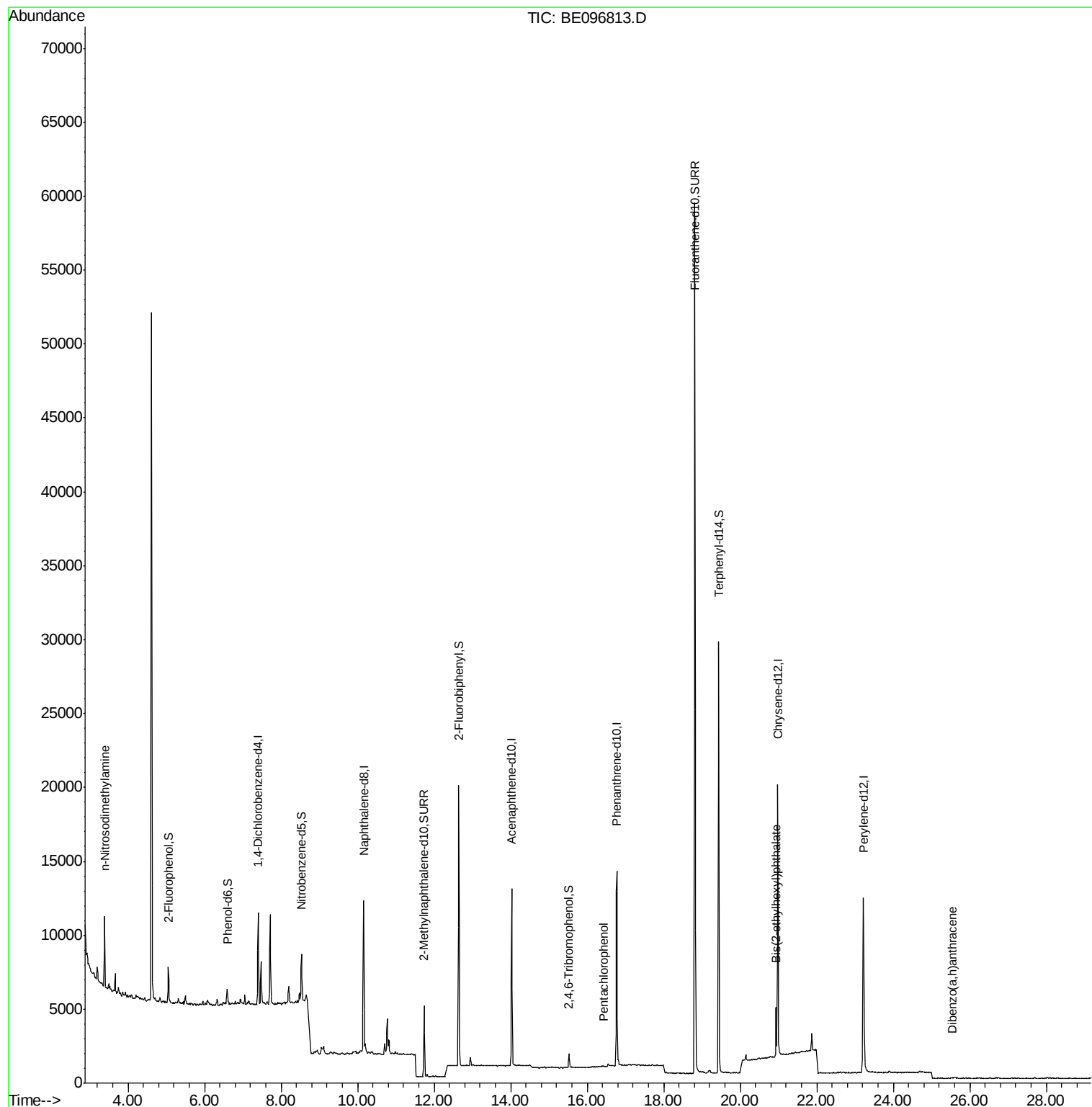
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.38	42	332	0.073	ng	# 1
22) Pentachlorophenol	16.43	266	37	0.107	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	4908	0.158	ng	# 98
38) Dibenzo(a,h)anthracene	25.54	278	2	0.077	ng	# 1

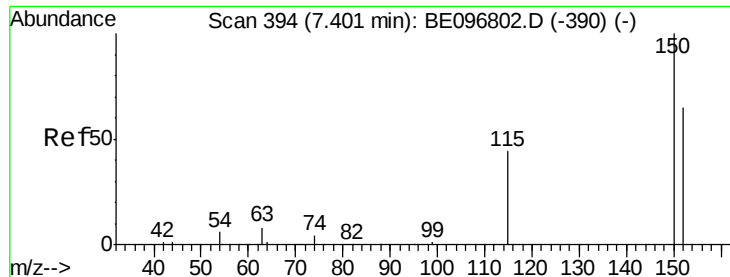
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061818\
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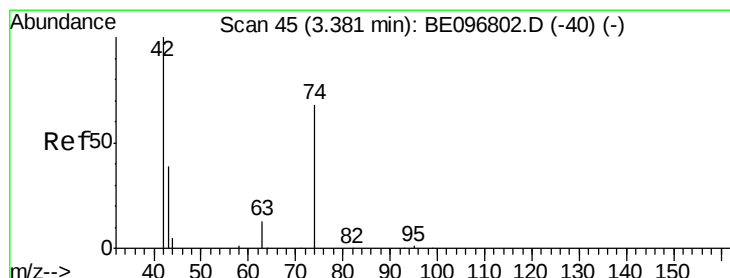
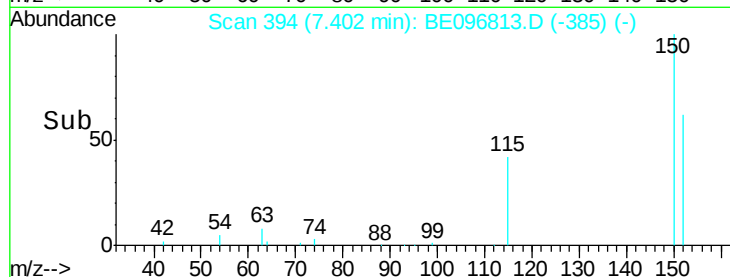
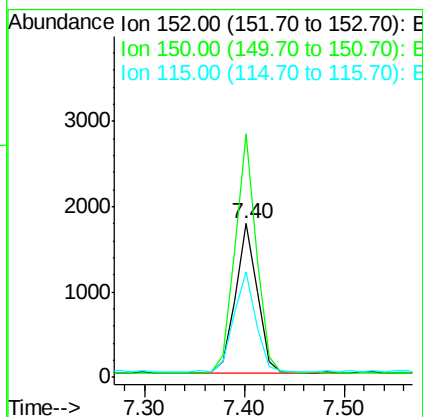
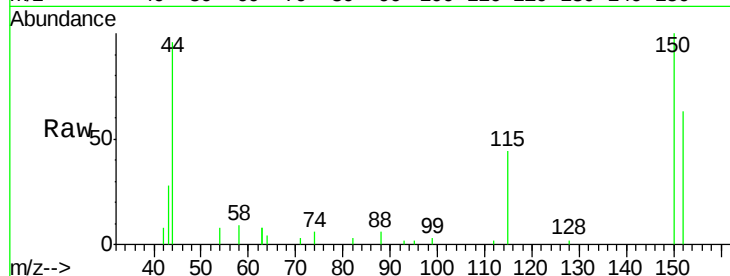


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.40 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: BE096813.D
 Acq: 18 Jun 2018 17:57

Instrument :
 BNA_E
 ClientSampleId :
 FB-061118

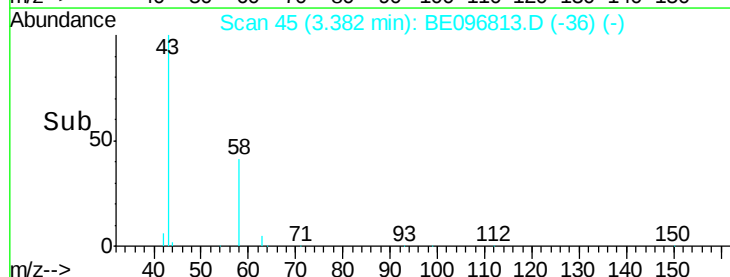
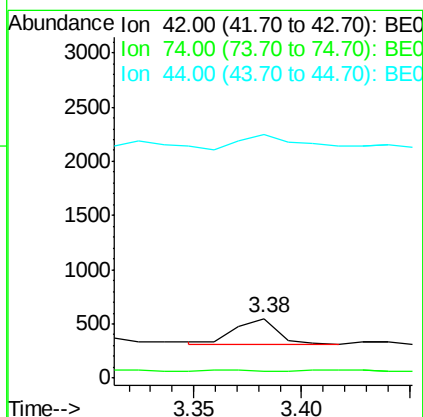
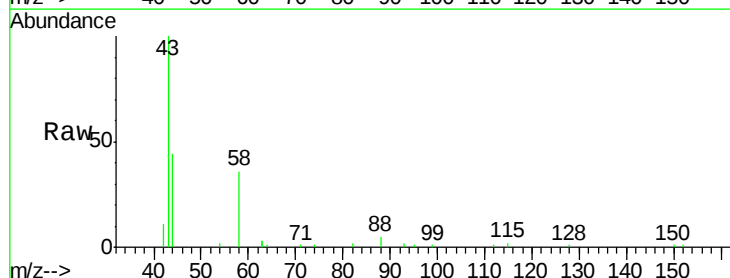
Tgt Ion: 152 Resp: 2656
 Ion Ratio Lower Upper
 152 100
 150 158.2 117.2 175.8
 115 68.8 57.0 85.6

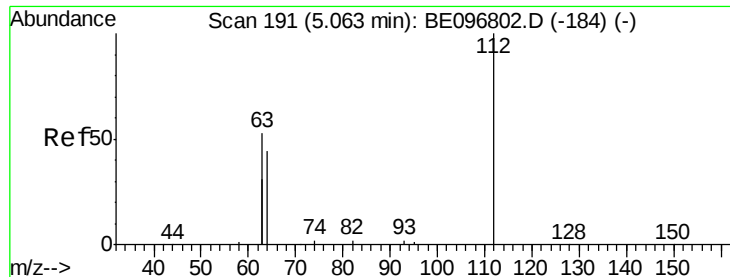


#3

n-Nitrosodimethylamine
 Concen: 0.073 ng
 RT: 3.38 min Scan# 45
 Delta R.T. 0.00 min
 Lab File: BE096813.D
 Acq: 18 Jun 2018 17:57

Tgt Ion: 42 Resp: 332
 Ion Ratio Lower Upper
 42 100
 74 3.6 96.0 144.0#
 44 92.5 12.0 18.0#





#4

2-Fluorophenol

Concen: 0.195 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.01 min

Lab File: BE096813.D

Acq: 18 Jun 2018 17:57

Instrument :

BNA_E

ClientSampleId :

FB-061118

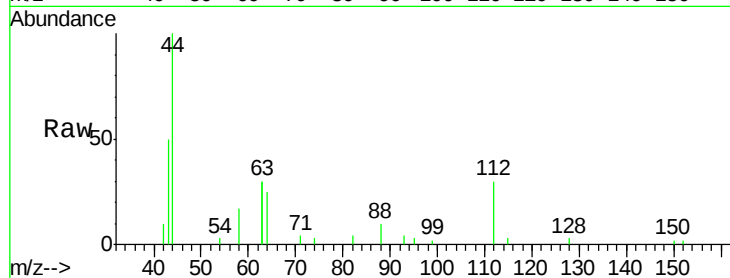
Tgt Ion: 112 Resp: 1129

Ion Ratio Lower Upper

112 100

64 65.4 60.1 90.1

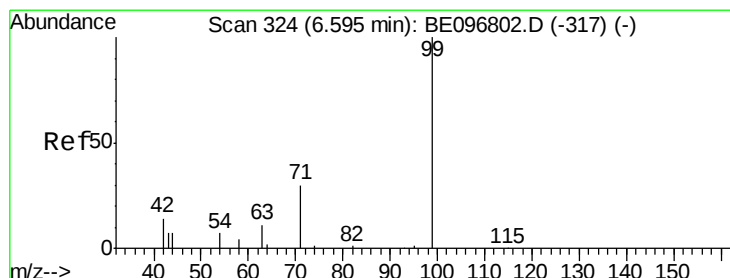
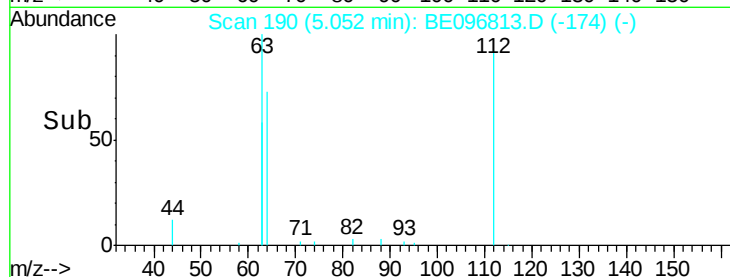
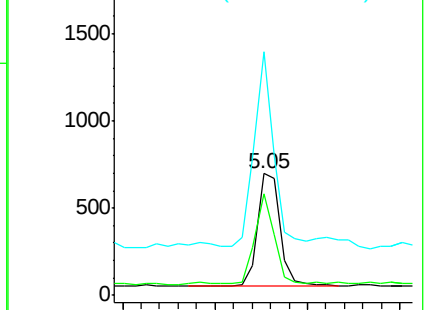
63 145.2 116.8 175.2



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: 0.108 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE096813.D

Acq: 18 Jun 2018 17:57

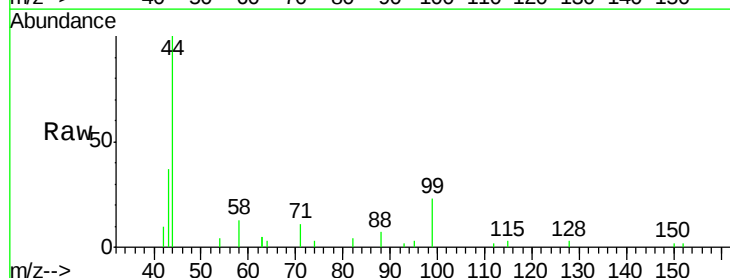
Tgt Ion: 99 Resp: 943

Ion Ratio Lower Upper

99 100

42 25.2 20.2 30.2

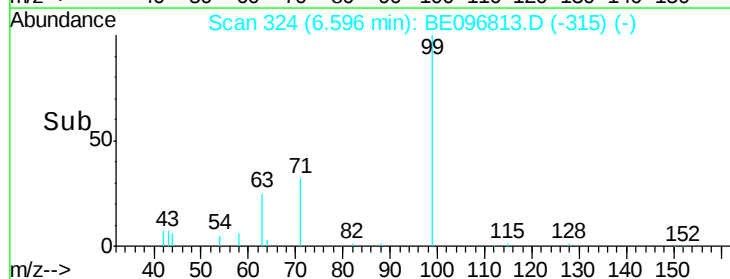
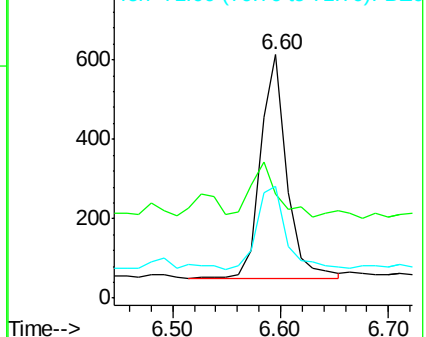
71 41.5 28.4 42.6

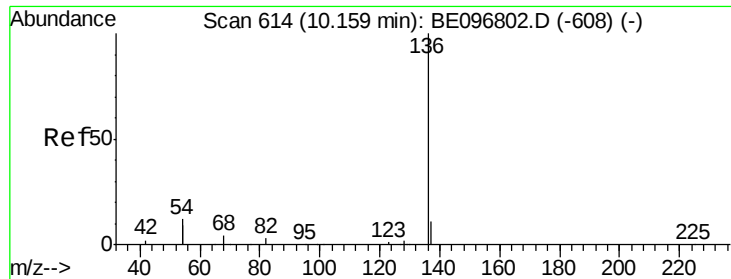


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.16 min Scan# 614

Delta R.T. -0.00 min

Lab File: BE096813.D

Acq: 18 Jun 2018 17:57

Instrument :

BNA_E

ClientSampleId :

FB-061118

Tgt Ion:136 Resp: 12131

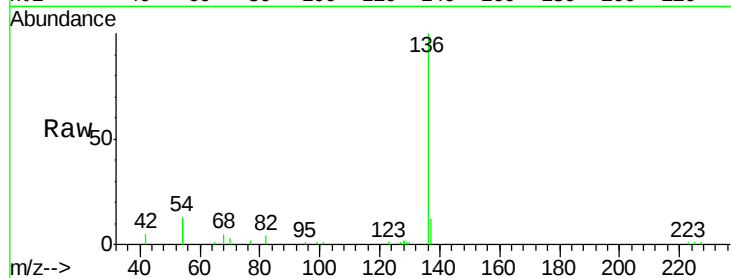
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 26.0 29.1 43.7#

68 5.5 6.2 9.2#

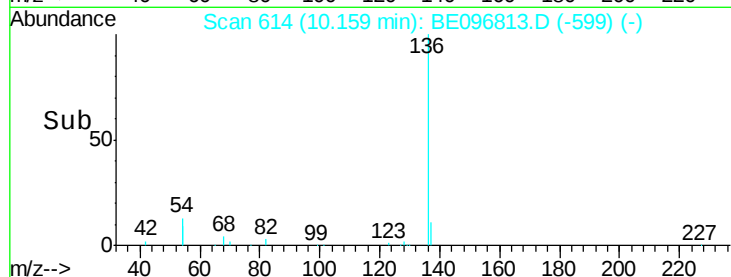


Abundance Ion 136.00 (135.70 to 136.70): E

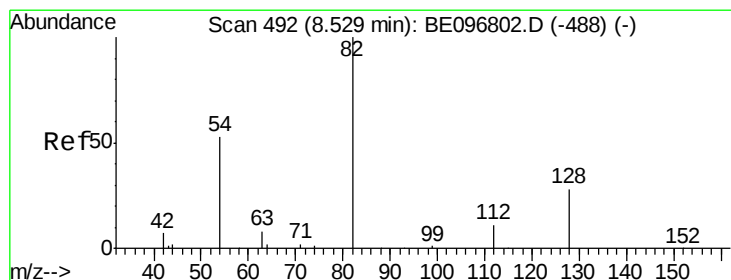
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.393 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096813.D

Acq: 18 Jun 2018 17:57

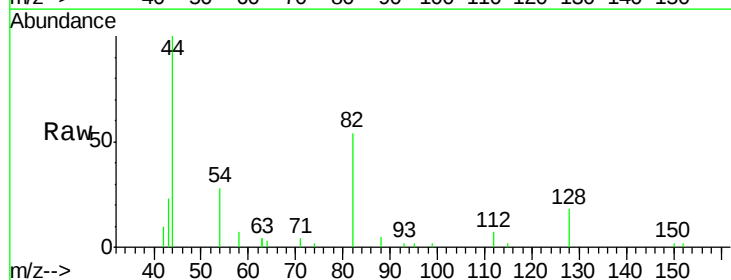
Tgt Ion: 82 Resp: 2651

Ion Ratio Lower Upper

82 100

128 33.4 24.0 36.0

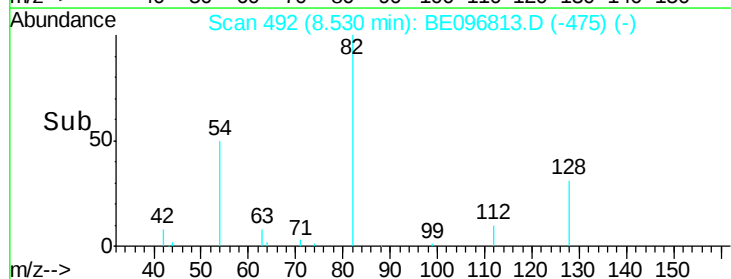
54 52.6 40.0 60.0



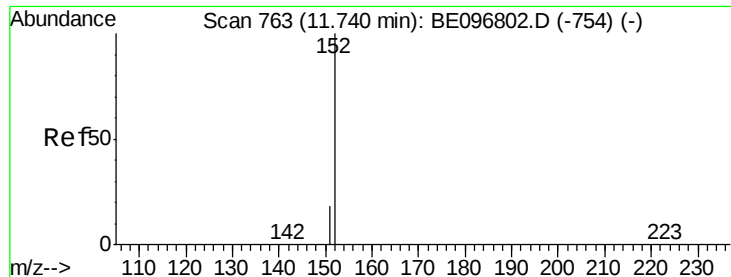
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.346 ng

RT: 11.74 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE096813.D

Acq: 18 Jun 2018 17:57

Instrument :

BNA_E

ClientSampleId :

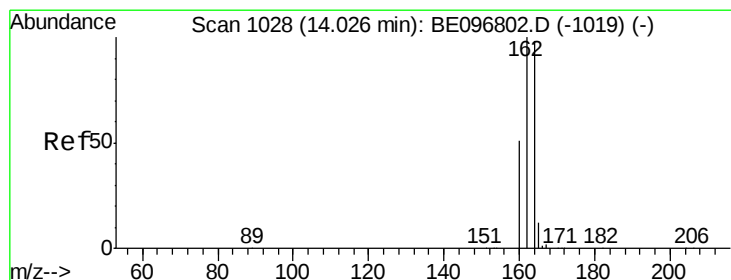
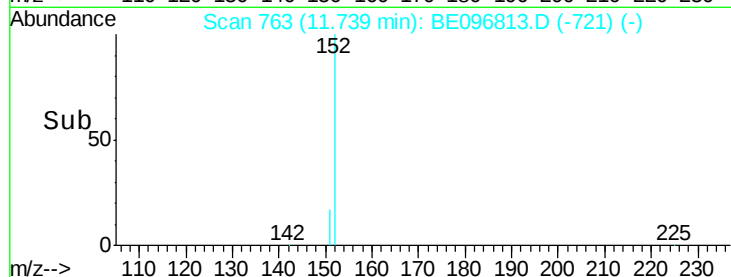
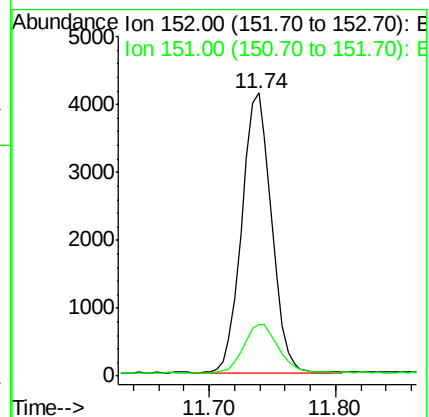
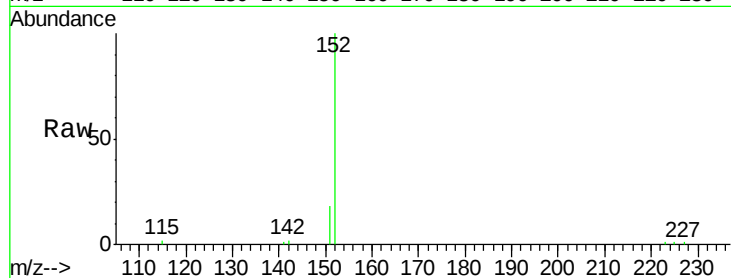
FB-061118

Tgt Ion:152 Resp: 6709

Ion Ratio Lower Upper

152 100

151 20.0 15.4 23.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE096813.D

Acq: 18 Jun 2018 17:57

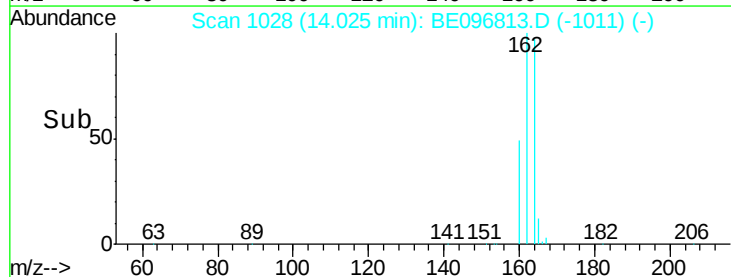
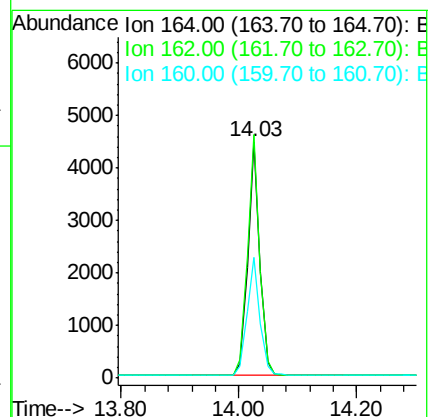
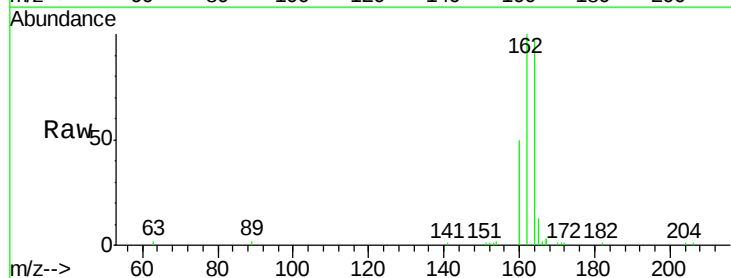
Tgt Ion:164 Resp: 6289

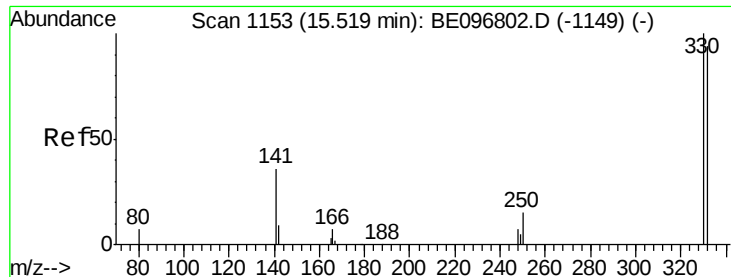
Ion Ratio Lower Upper

164 100

162 103.0 83.1 124.7

160 51.0 37.1 55.7

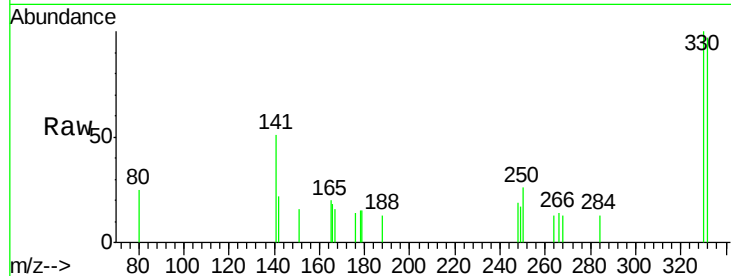




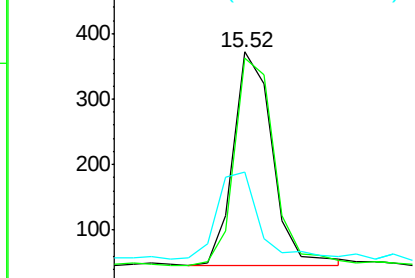
#14
 2,4,6-Tribromophenol
 Concen: 0.411 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE096813.D
 Acq: 18 Jun 2018 17:57

Instrument :
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 ClientSampleId :
 FB-061118

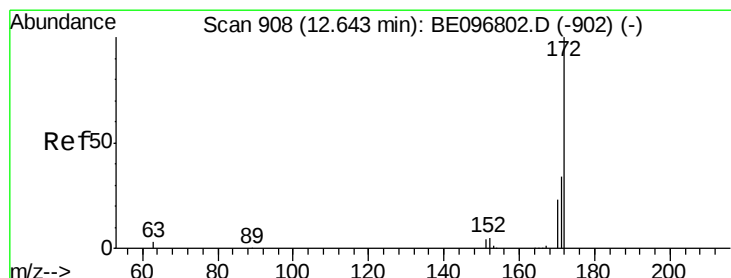
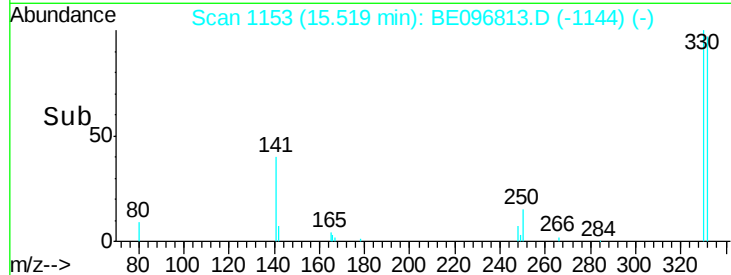
Tgt Ion: 330 Resp: 550
 Ion Ratio Lower Upper
 330 100
 332 100.5 152.7 229.1#
 141 44.5 33.7 50.5



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

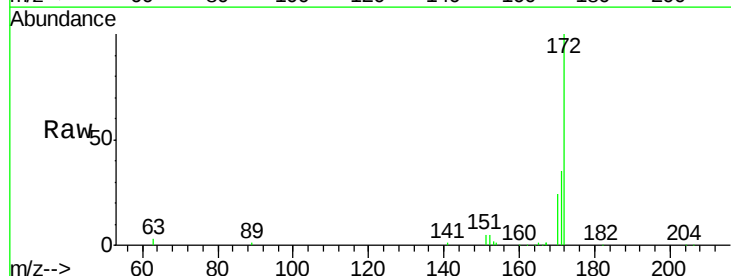


Time-->

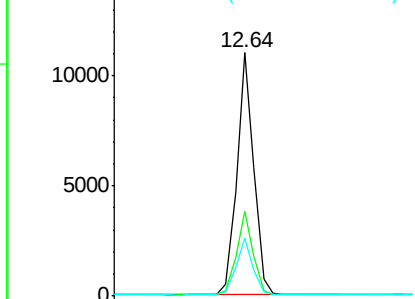


#15
 2-Fluorobiphenyl
 Concen: 0.612 ng
 RT: 12.64 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BE096813.D
 Acq: 18 Jun 2018 17:57

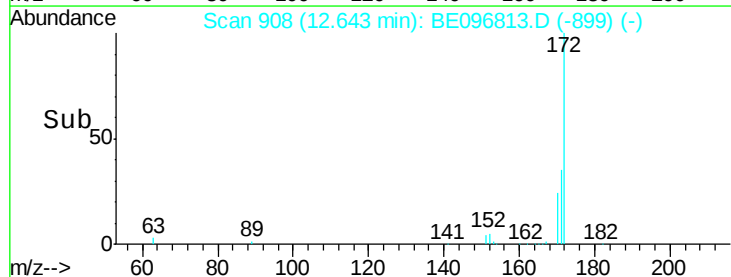
Tgt Ion: 172 Resp: 15824
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.9 44.9
 170 23.9 21.8 32.8

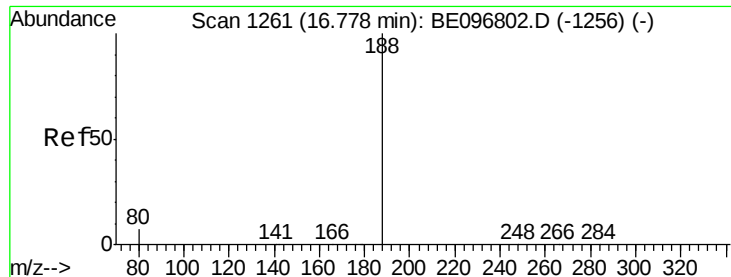


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE096813.D

Acq: 18 Jun 2018 17:57

Instrument :

BNA_E

ClientSampleId :

FB-061118

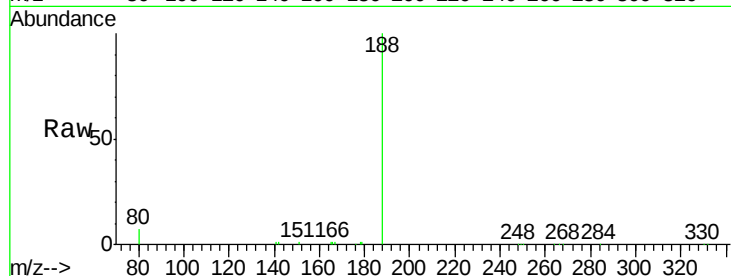
Tgt Ion:188 Resp: 19210

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

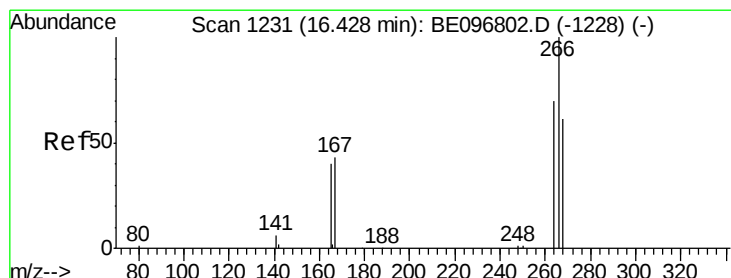
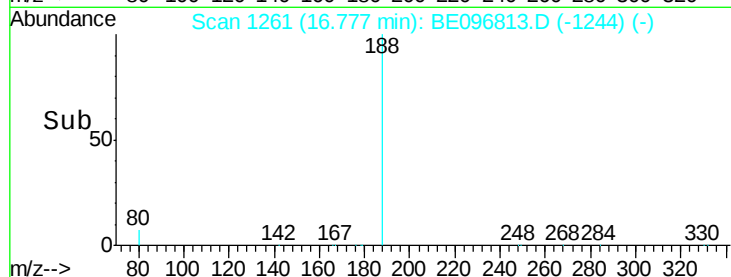
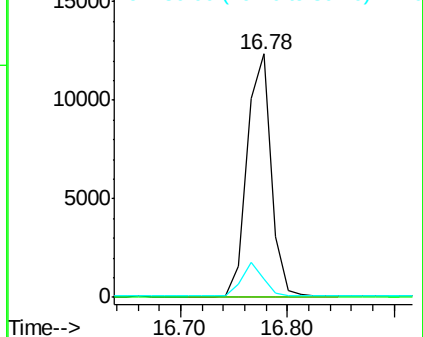
80 7.5 3.6 5.4#



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



#22

Pentachlorophenol

Concen: 0.107 ng

RT: 16.43 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BE096813.D

Acq: 18 Jun 2018 17:57

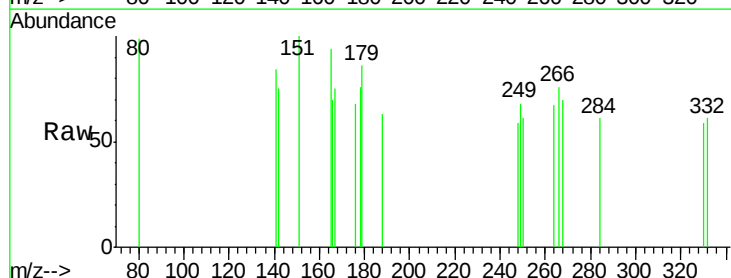
Tgt Ion:266 Resp: 37

Ion Ratio Lower Upper

266 100

264 88.3 72.5 108.7

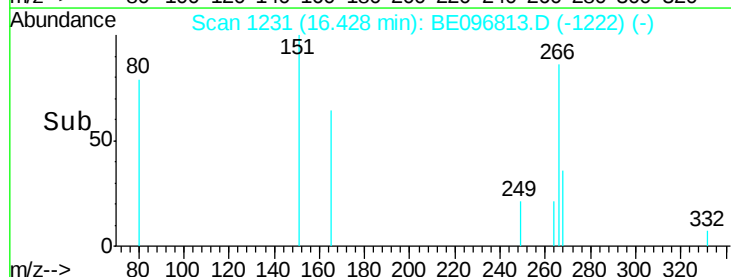
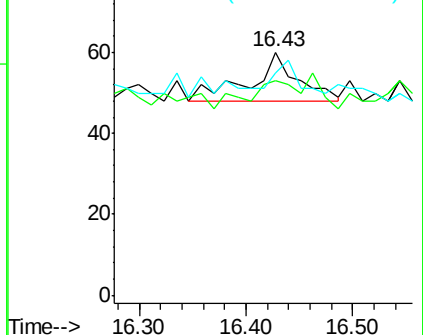
268 91.7 73.8 110.6

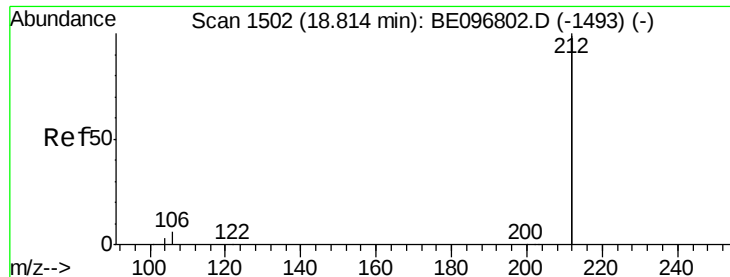


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.404 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE096813.D

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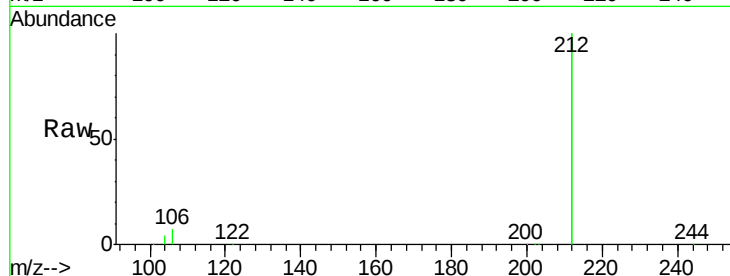
Tgt Ion:212 Resp: 75936

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

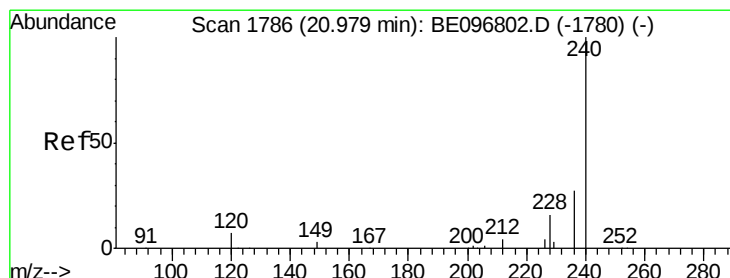
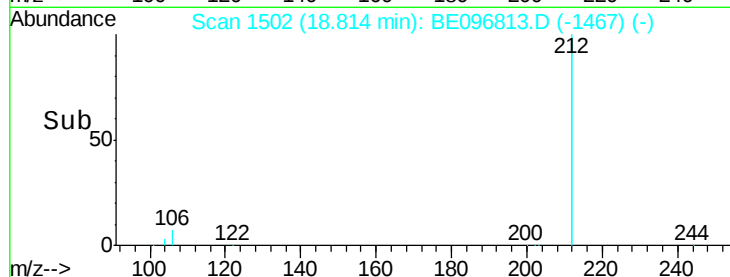
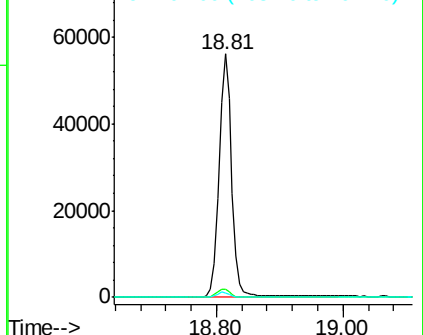
104 1.9 1.6 2.4



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# 1786

Delta R.T. -0.00 min

Lab File: BE096813.D

Acq: 18 Jun 2018 17:57

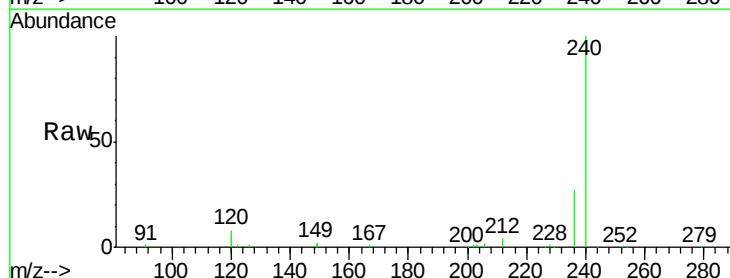
Tgt Ion:240 Resp: 17066

Ion Ratio Lower Upper

240 100

120 8.2 5.5 8.3

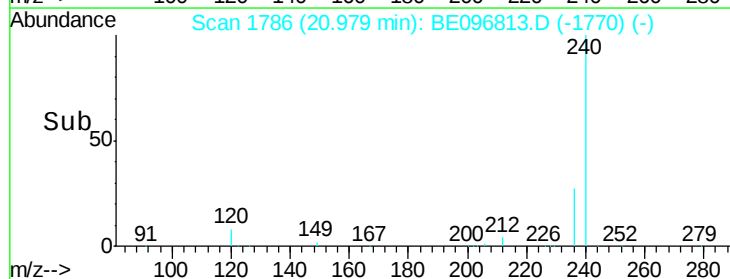
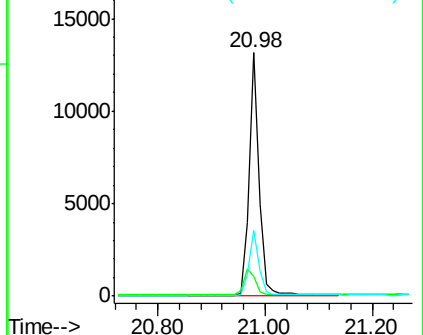
236 26.9 20.7 31.1

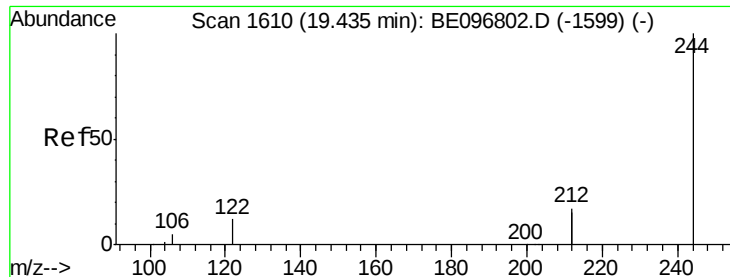


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.608 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE096813.D

Acq: 18 Jun 2018 17:57

Instrument :

BNA_E

ClientSampleId :

FB-061118

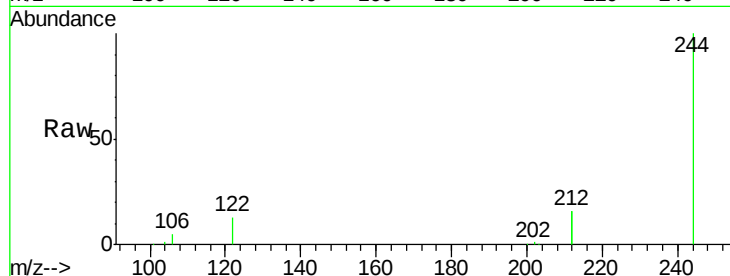
Tgt Ion:244 Resp: 23523

Ion Ratio Lower Upper

244 100

212 32.8 25.4 38.0

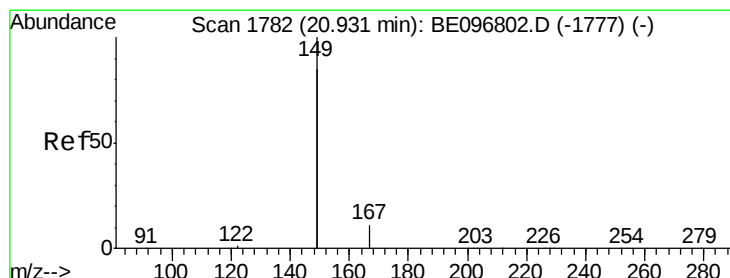
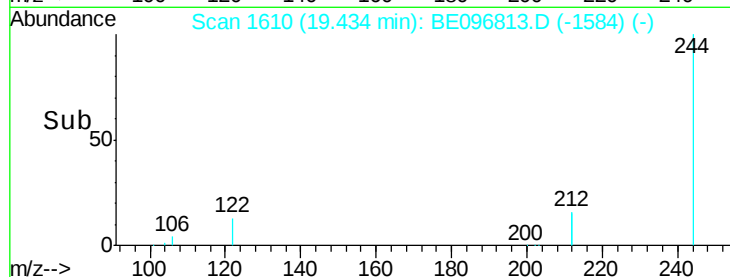
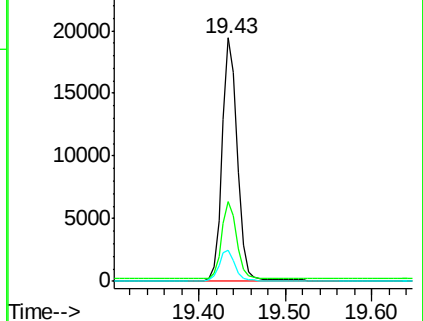
122 12.9 8.1 12.1#



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: 0.158 ng

RT: 20.93 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BE096813.D

Acq: 18 Jun 2018 17:57

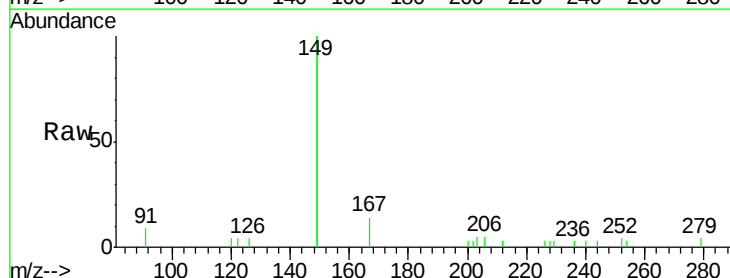
Tgt Ion:149 Resp: 4908

Ion Ratio Lower Upper

149 100

167 7.5 5.4 8.0

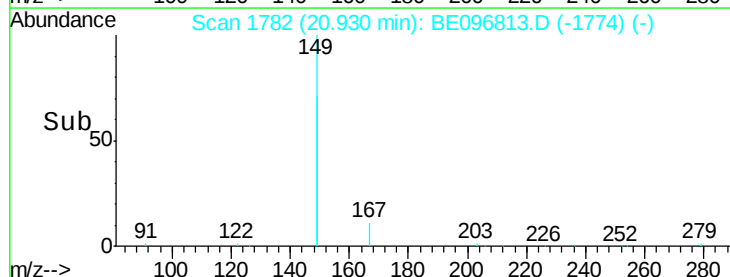
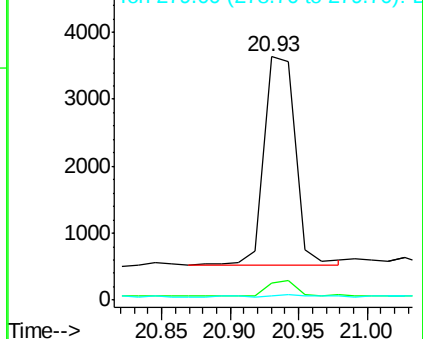
279 1.3 0.7 1.1#

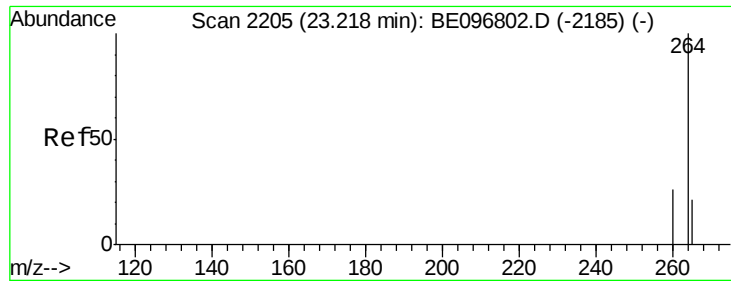


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

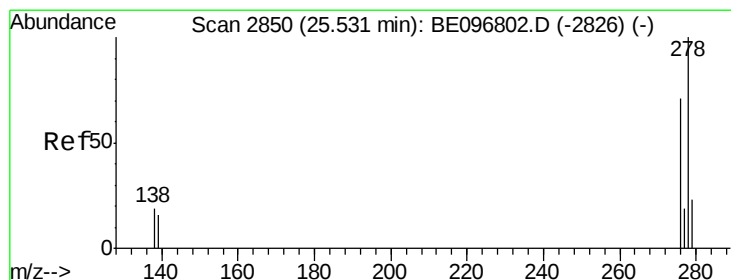
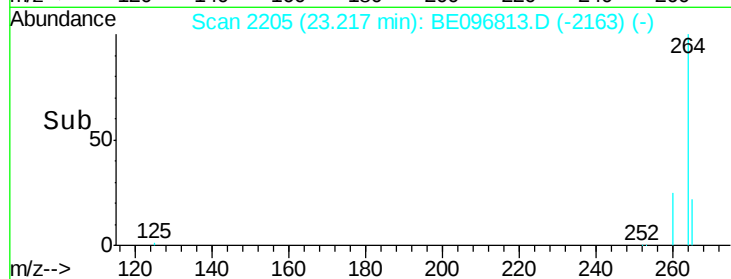
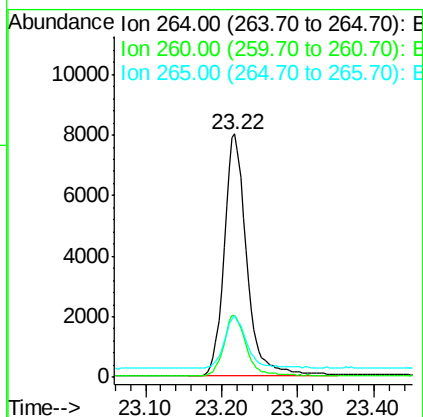
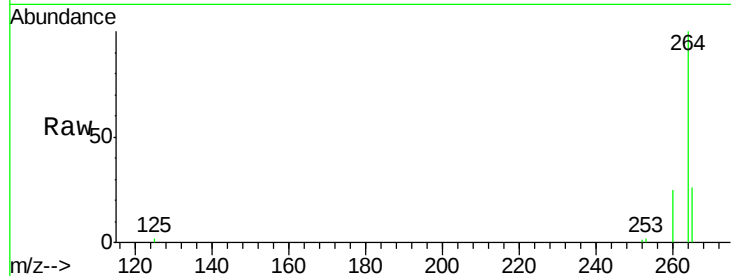




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BE096813.D
 Acq: 18 Jun 2018 17:57

Instrument :
 BNA_E
 ClientSampled :
 FB-061118

Tgt Ion: 264 Resp: 16411
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.5 30.7
 265 25.6 22.8 34.2



#38
 Dibenzo(a,h)anthracene
 Concen: 0.077 ng
 RT: 25.54 min Scan# 2852
 Delta R.T. 0.01 min
 Lab File: BE096813.D
 Acq: 18 Jun 2018 17:57

Tgt Ion: 278 Resp: 2
 Ion Ratio Lower Upper
 278 100
 139 106.8 16.0 24.0#
 279 125.4 20.0 30.0#

