

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062019\
 Data File : BE100108.D
 Acq On : 20 Jun 2019 14:50
 Operator : JU/SJ
 Sample : K3345-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-5 061219

Quant Time: Jun 21 02:03:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

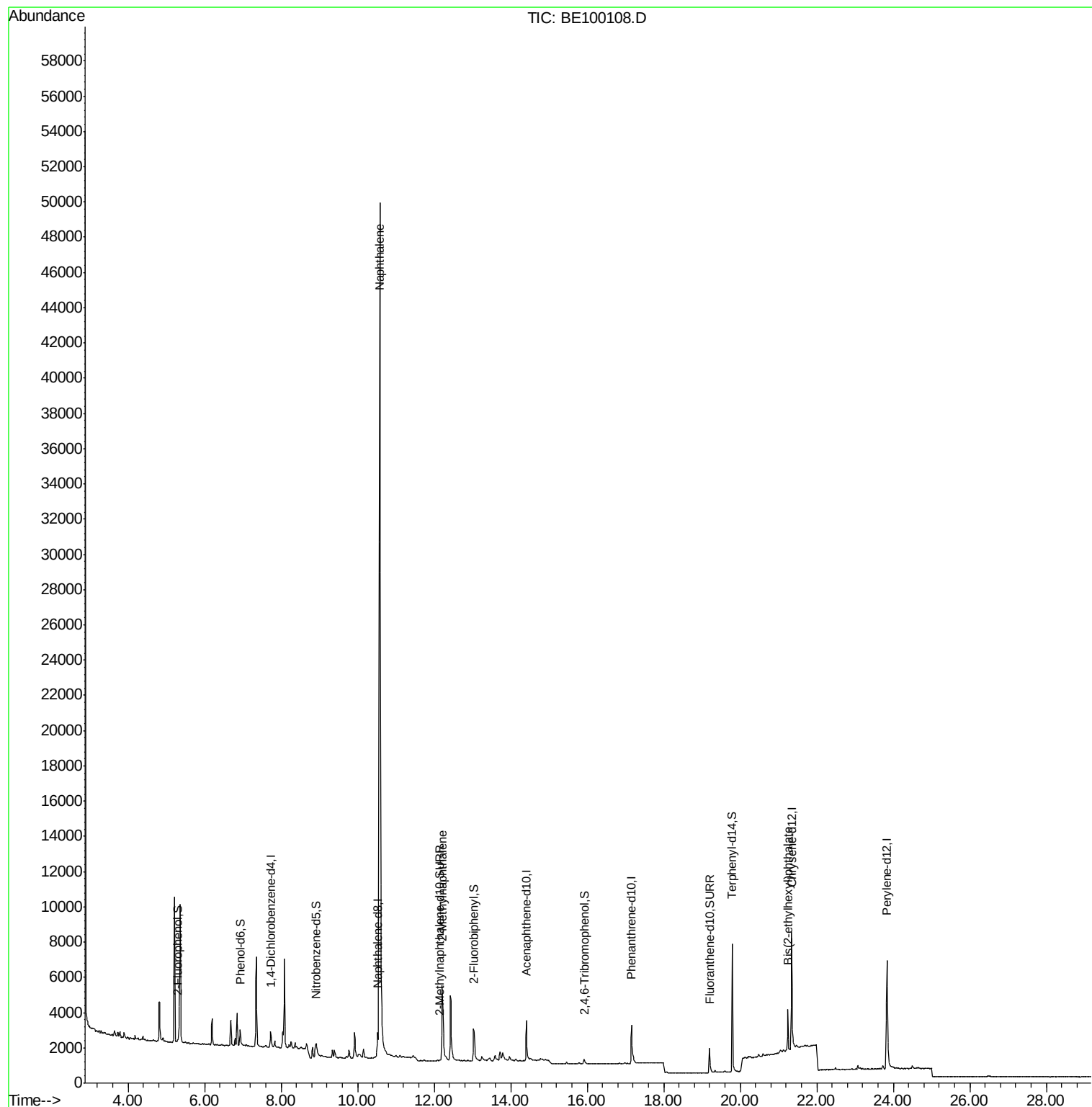
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	571	0.40	ng	-0.01
7) Naphthalene-d8	10.52	136	1997	0.40	ng	-0.01
13) Acenaphthene-d10	14.41	164	1491	0.40	ng	0.00
19) Phenanthrene-d10	17.16	188	4723	0.40	ng	0.00
27) Chrysene-d12	21.34	240	8004	0.40	ng	0.00
34) Perylene-d12	23.83	264	10232	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	213	0.18	ng	0.00
5) Phenol-d6	6.93	99	163	0.10	ng	0.00
8) Nitrobenzene-d5	8.91	82	648	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	136	0.04	ng	-0.01
14) 2,4,6-Tribromophenol	15.92	330	333	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	3025	0.52	ng	-0.01
25) Fluoranthene-d10	19.20	212	2539	0.04	ng	0.00
29) Terphenyl-d14	19.79	244	7565	0.47	ng	-0.02
Target Compounds						
9) Naphthalene	10.58	128	95173	4.386	ng	# 97
12) 2-Methylnaphthalene	12.21	142	4340	1.216	ng	# 95
32) Bis(2-ethylhexyl)phthalate	21.24	149	2748	0.122	ng	# 98

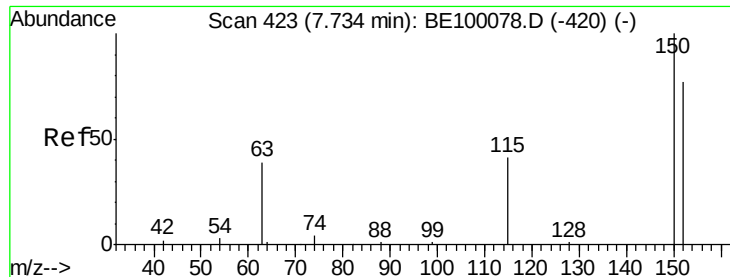
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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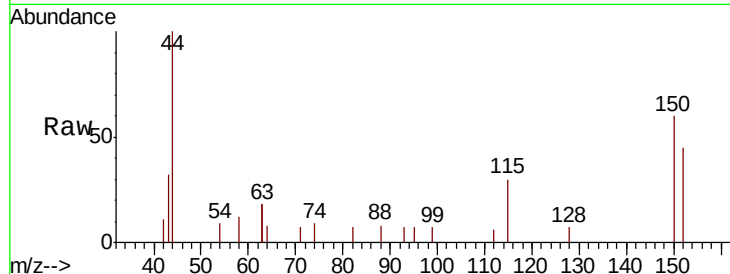


#1

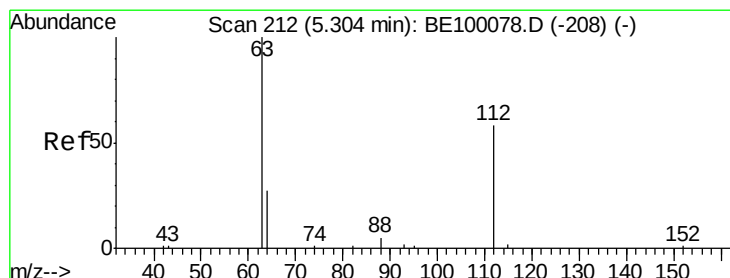
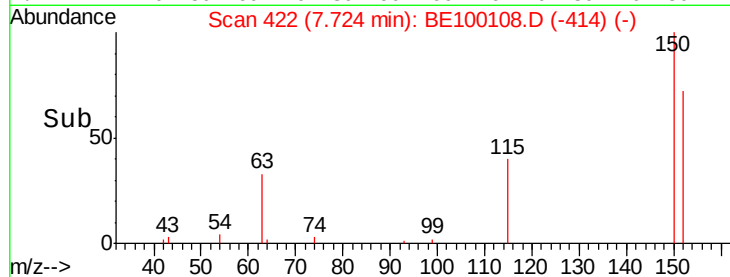
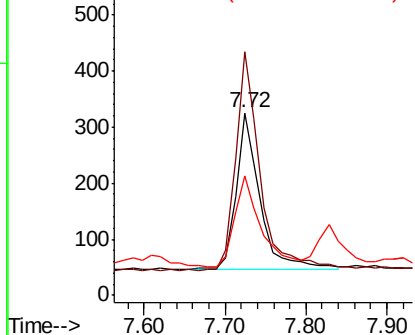
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Instrument :
BNA_E
ClientSampleId :
MW-5_061219

Tot Ion:152 Resp: 571
Ion Ratio Lower Upper
152 100
150 133.1 99.8 149.8
115 65.3 51.3 76.9



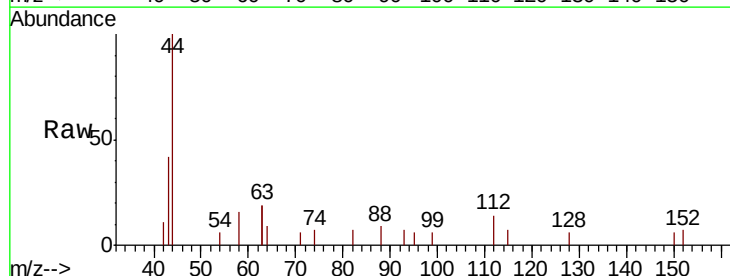
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



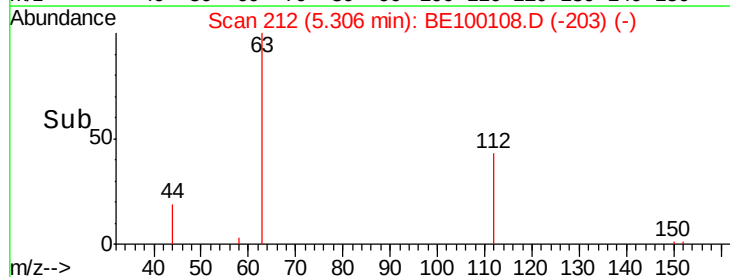
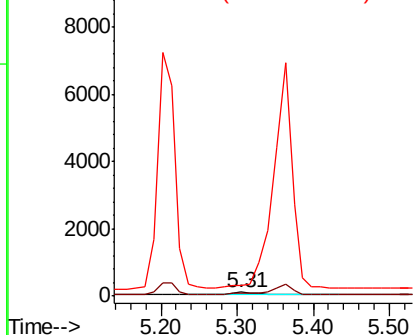
#4

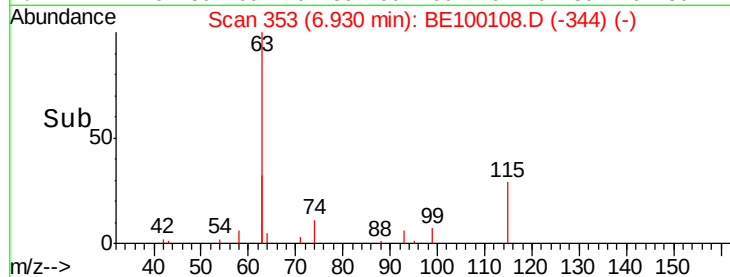
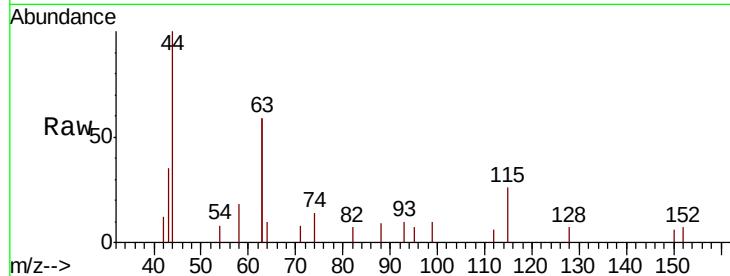
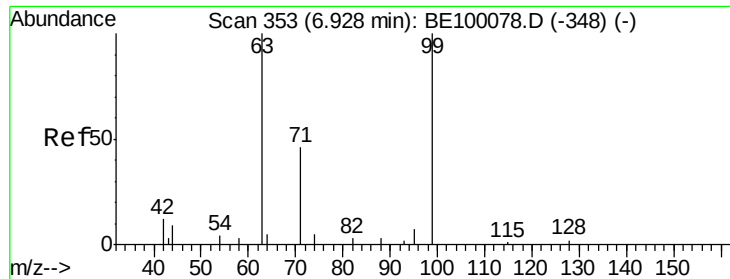
2-Fluorophenol
Concen: 0.180 ng
RT: 5.31 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Tgt Ion:112 Resp: 213
Ion Ratio Lower Upper
112 100
64 35.7 22.0 33.0#
63 0.0 121.8 182.6#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.100 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100108.D

Acq: 20 Jun 2019 14:50

Instrument :

BNA_E

ClientSampleId :

MW-5 061219

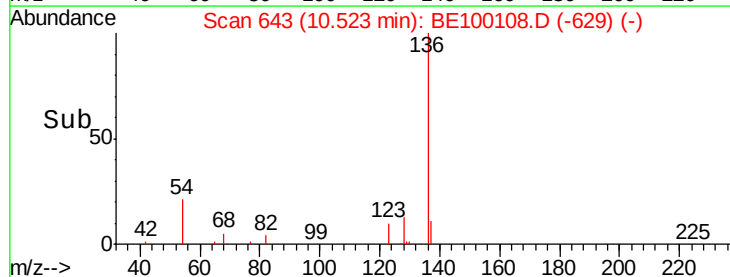
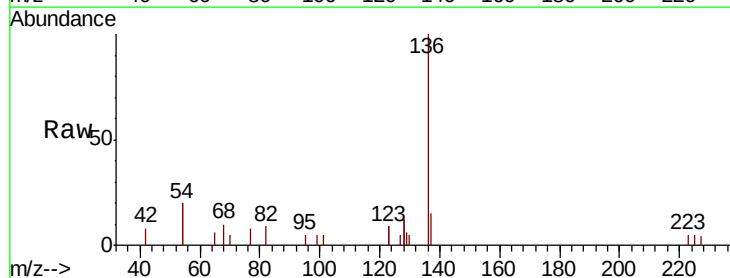
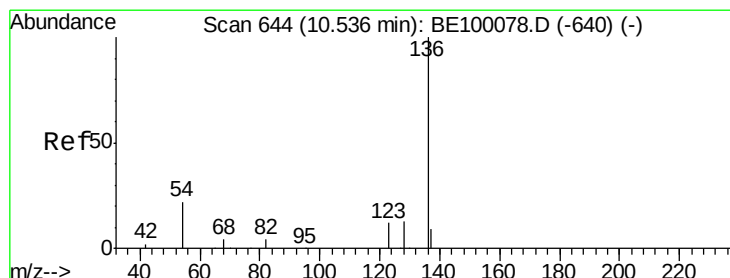
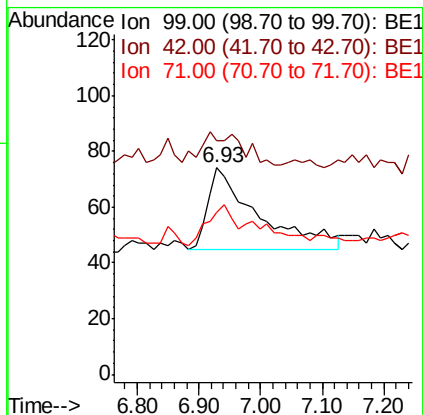
Tot Ion: 99 Resp: 163

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

71 27.0 37.6 56.4#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. -0.01 min

Lab File: BE100108.D

Acq: 20 Jun 2019 14:50

Tgt Ion: 136 Resp: 1997

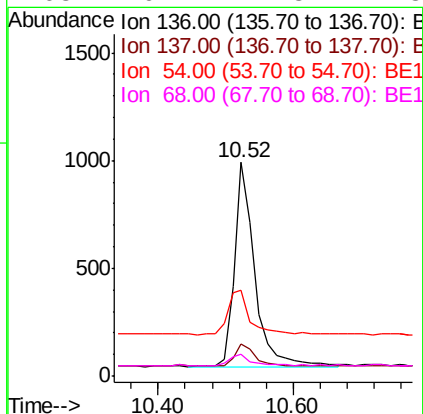
Ion Ratio Lower Upper

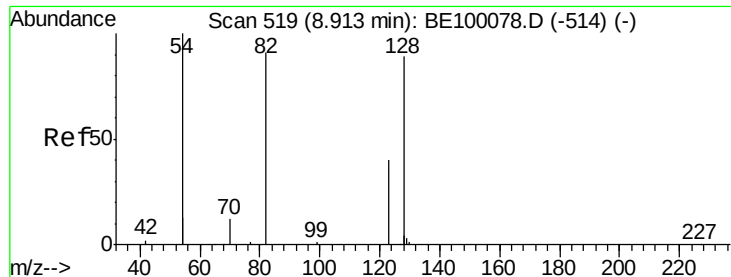
136 100

137 14.7 11.6 17.4

54 39.9 33.9 50.9

68 10.1 7.8 11.8





#8

Nitrobenzene-d5

Concen: 0.335 ng

RT: 8.91 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE100108.D

Acq: 20 Jun 2019 14:50

Instrument :

BNA_E

ClientSampleId :

MW-5 061219

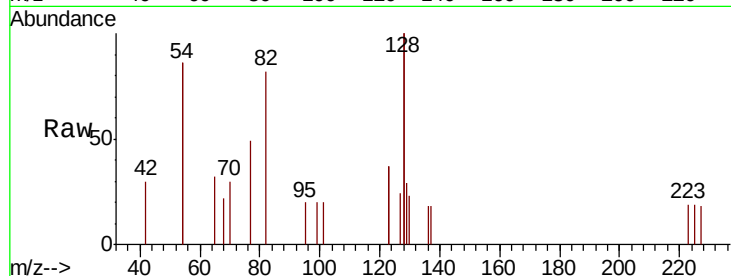
Tot Ion: 82 Resp: 648

Ion Ratio Lower Upper

82 100

128 242.6 128.0 192.0#

54 208.9 143.4 215.0



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

600

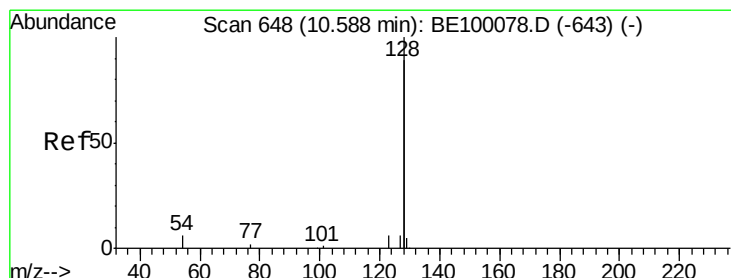
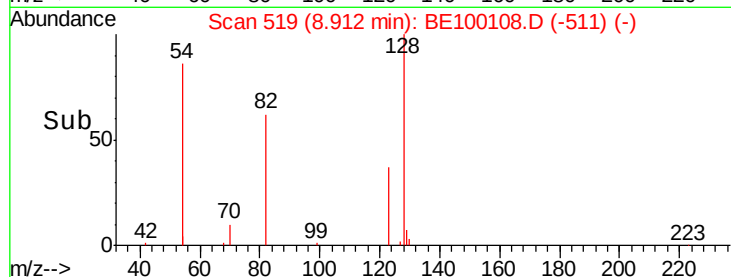
400

200

8.91

0

Time-->



#9

Naphthalene

Concen: 4.386 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100108.D

Acq: 20 Jun 2019 14:50

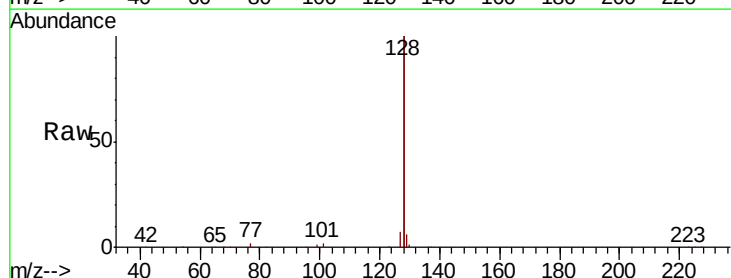
Tgt Ion: 128 Resp: 95173

Ion Ratio Lower Upper

128 100

129 2.9 3.1 4.7#

127 3.3 3.4 5.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

60000

50000

40000

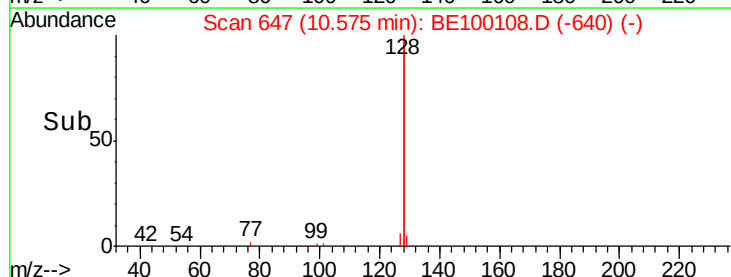
30000

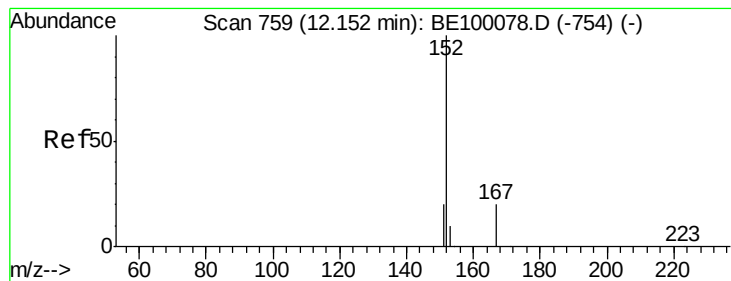
20000

10000

0

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.036 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.01 min

Lab File: BE100108.D

Acq: 20 Jun 2019 14:50

Instrument :

BNA_E

ClientSampleId :

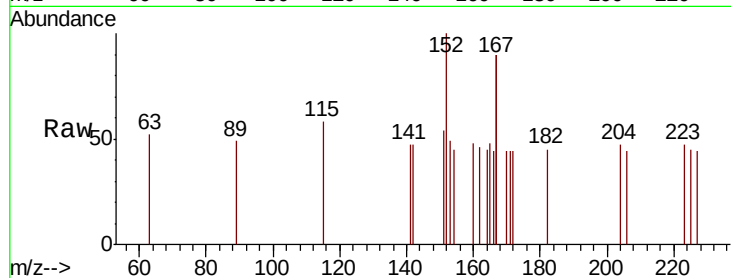
MW-5 061219

Tot Ion:152 Resp: 136

Ion Ratio Lower Upper

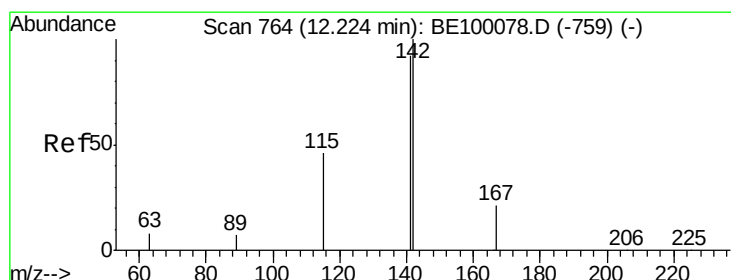
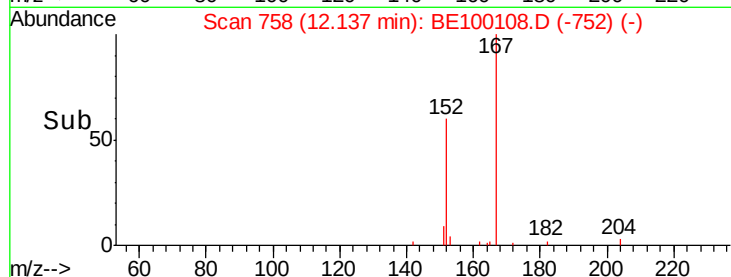
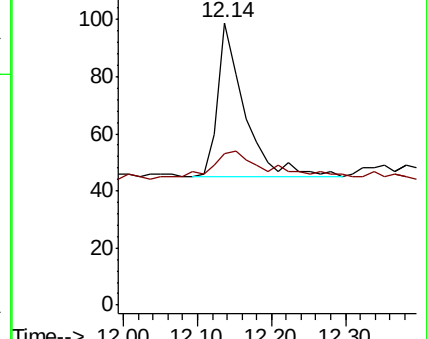
152 100

151 30.9 16.3 24.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 1.216 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE100108.D

Acq: 20 Jun 2019 14:50

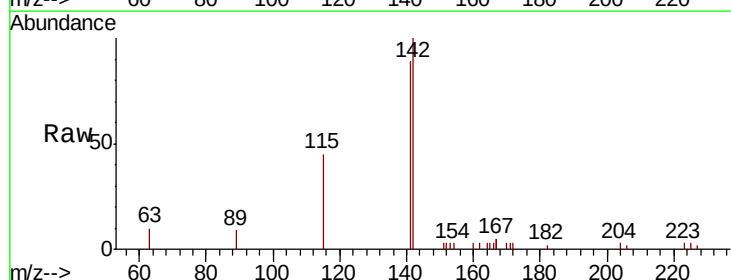
Tgt Ion:142 Resp: 4340

Ion Ratio Lower Upper

142 100

141 89.2 74.1 111.1

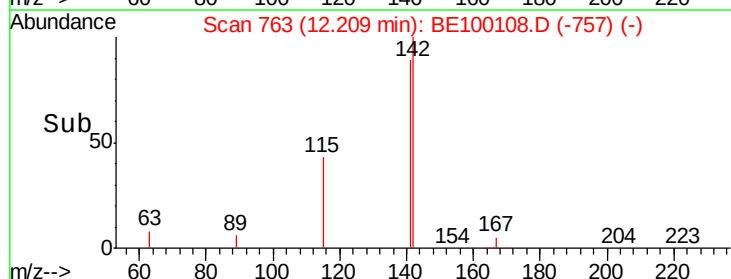
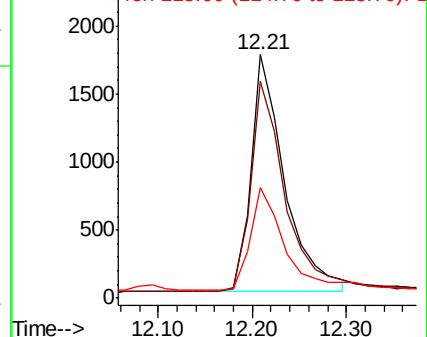
115 45.4 40.9 61.3

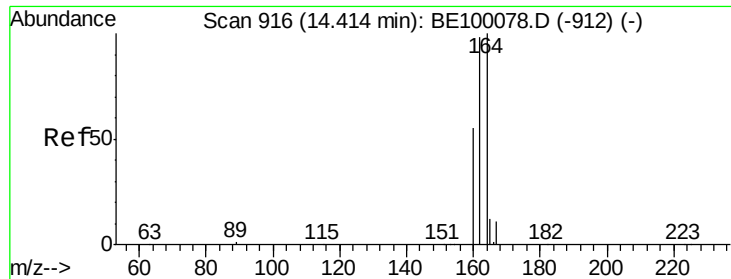


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

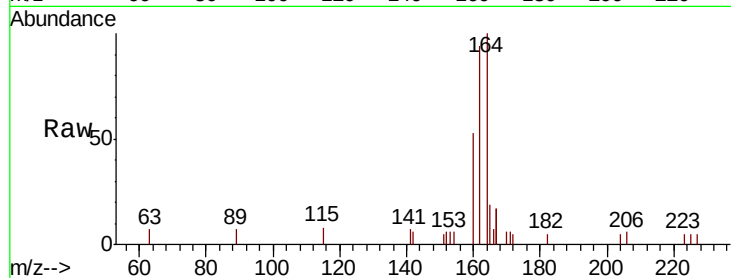




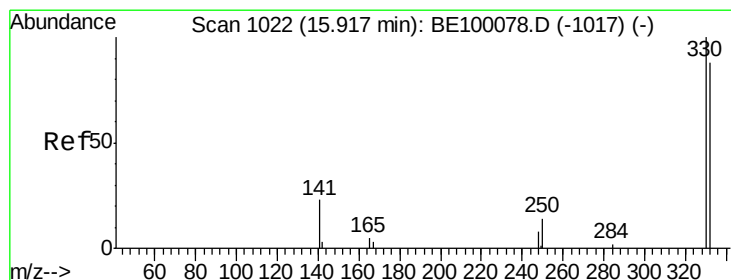
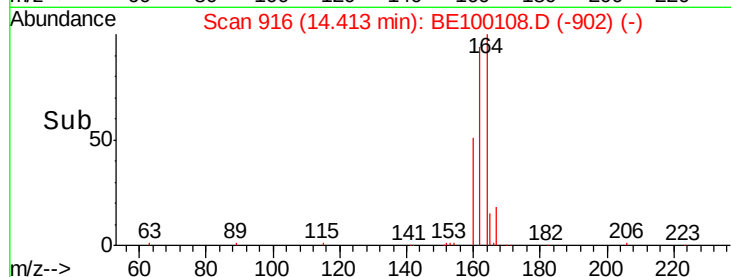
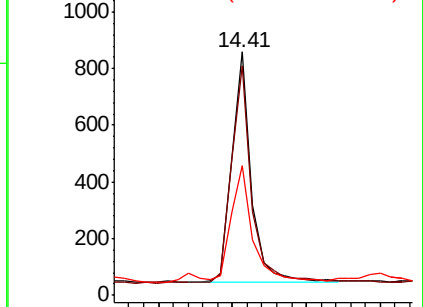
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.41 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BE100108.D
 Acq: 20 Jun 2019 14:50

Instrument :
 BNA_E
 ClientSampleId :
 MW-5_061219

Tot Ion:164 Resp: 1491
 Ion Ratio Lower Upper
 164 100
 162 94.2 78.2 117.2
 160 53.3 45.6 68.4

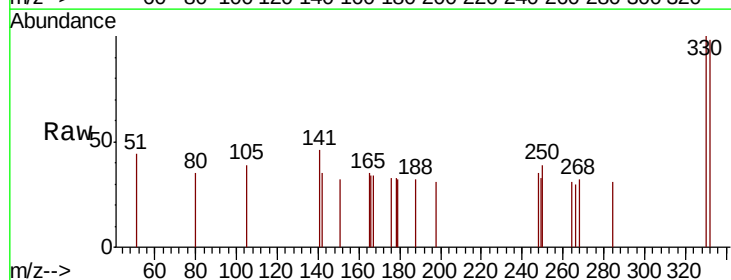


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

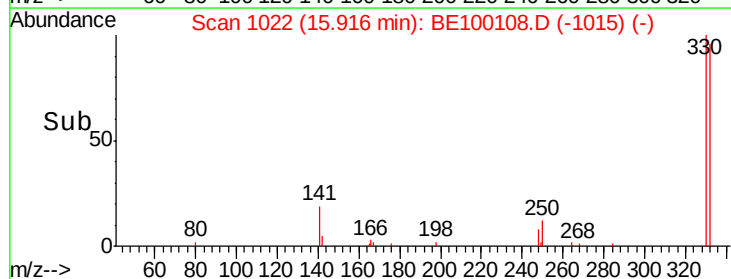
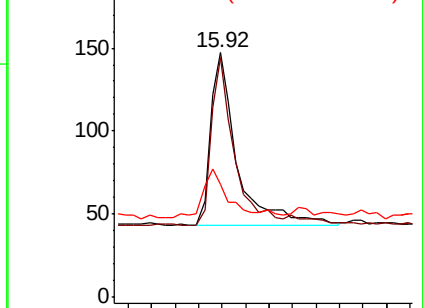


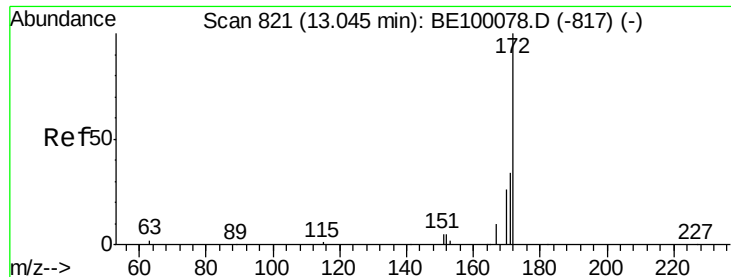
#14
 2,4,6-Tribromophenol
 Concen: 0.404 ng
 RT: 15.92 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BE100108.D
 Acq: 20 Jun 2019 14:50

Tgt Ion:330 Resp: 333
 Ion Ratio Lower Upper
 330 100
 332 82.6 73.3 109.9
 141 22.5 22.2 33.2



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

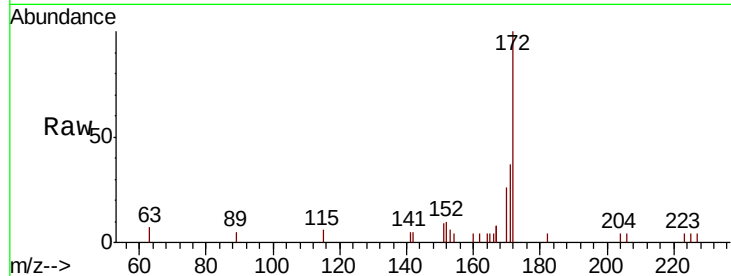




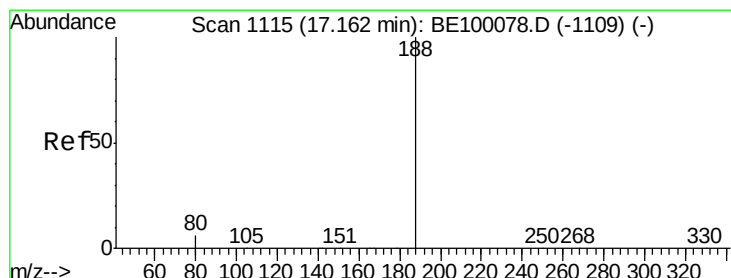
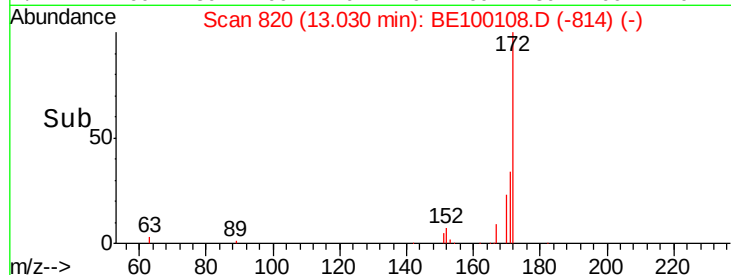
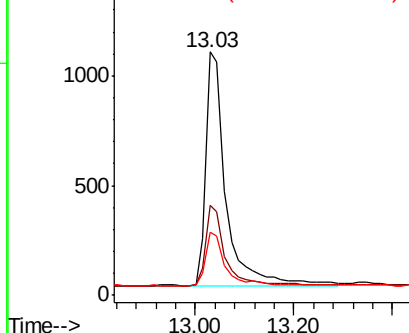
#15
2-Fluorobiphenyl
Concen: 0.516 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.01 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Instrument :
BNA_E
ClientSampleId :
MW-5_061219

Tot Ion:172 Resp: 3025
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.8
170 25.9 23.2 34.8

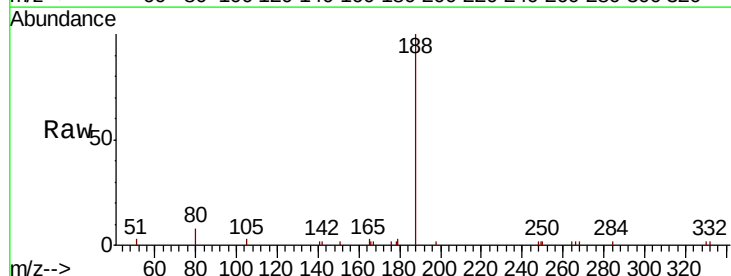


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

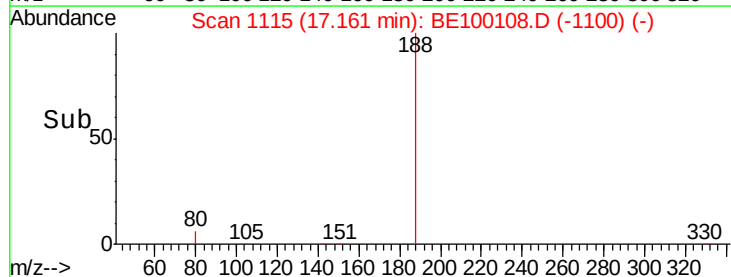
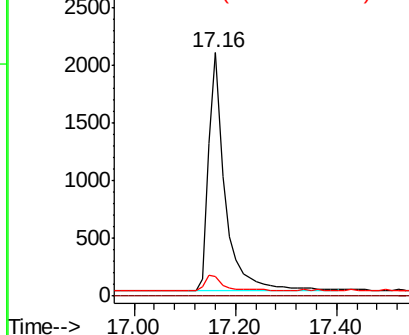


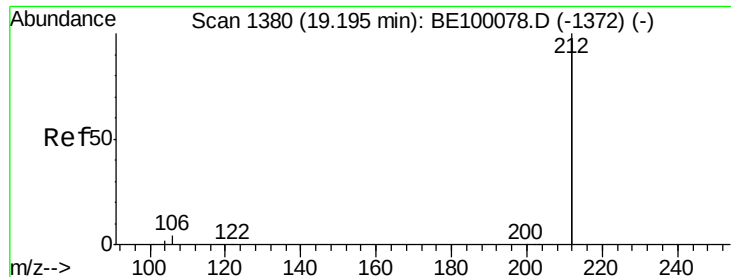
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Tgt Ion:188 Resp: 4723
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

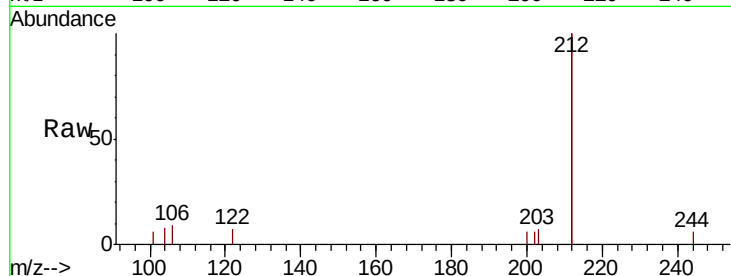




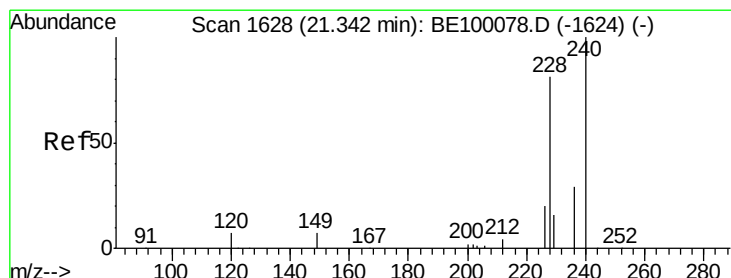
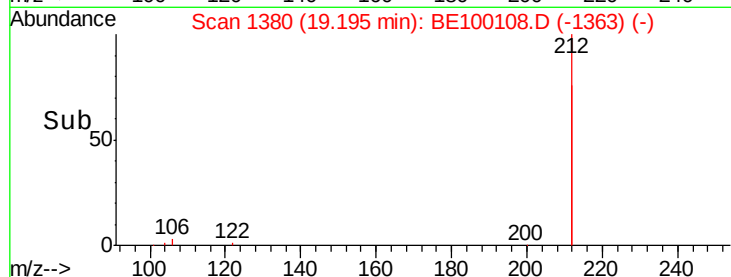
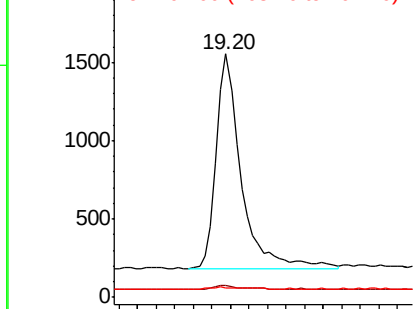
#25
Fluoranthene-d10
Concen: 0.038 ng
RT: 19.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Instrument :
BNA_E
ClientSampleId :
MW-5_061219

Tot Ion:212 Resp: 2539
Ion Ratio Lower Upper
212 100
106 2.1 1.4 2.0#
104 1.1 0.8 1.2

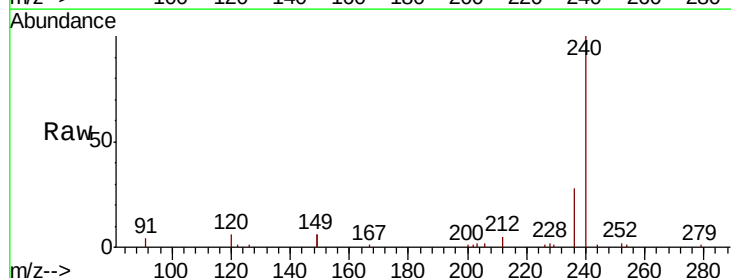


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

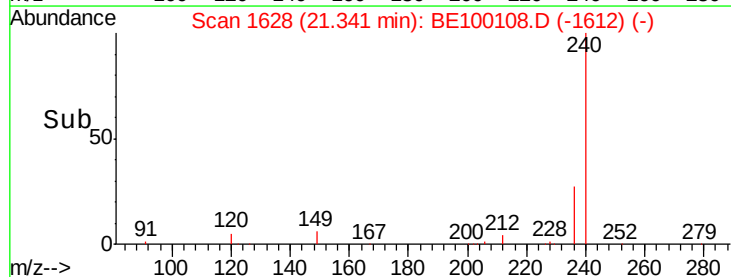
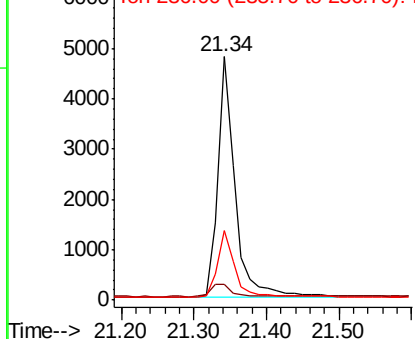


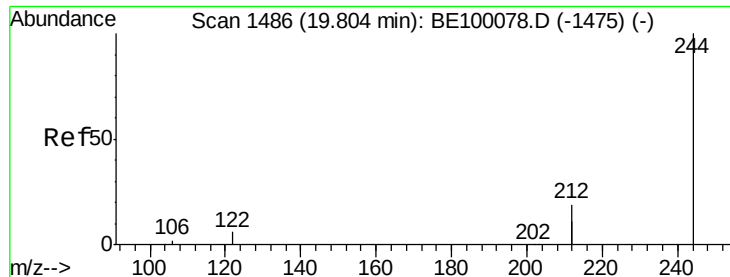
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Tgt Ion:240 Resp: 8004
Ion Ratio Lower Upper
240 100
120 6.3 6.6 10.0#
236 28.3 23.8 35.6



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: 0.473 ng

RT: 19.79 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BE100108.D

Acq: 20 Jun 2019 14:50

Instrument :

BNA_E

ClientSampleId :

MW-5 061219

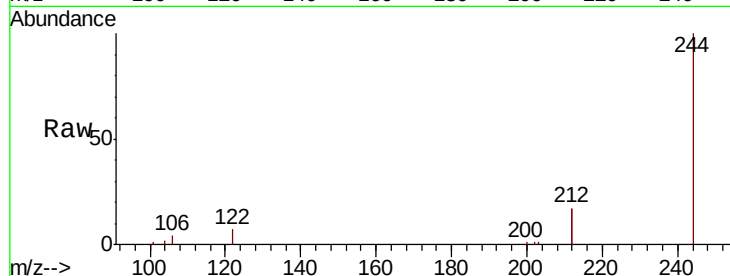
Tot Ion:244 Resp: 7565

Ion Ratio Lower Upper

244 100

212 34.0 29.8 44.8

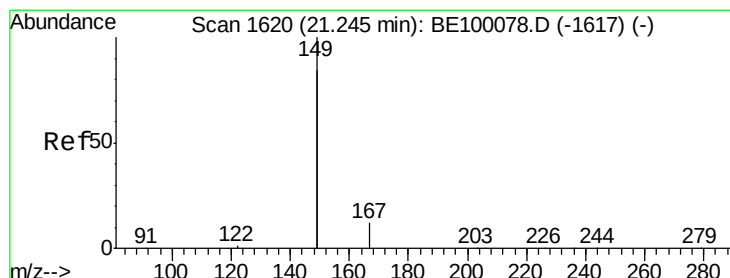
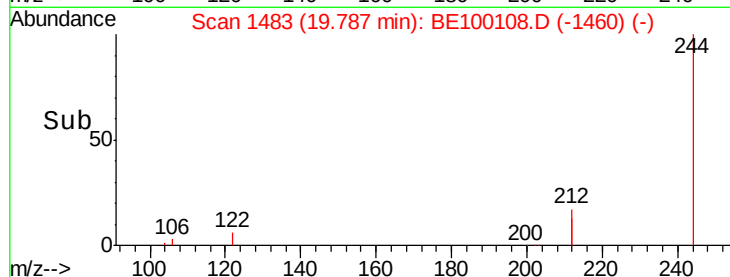
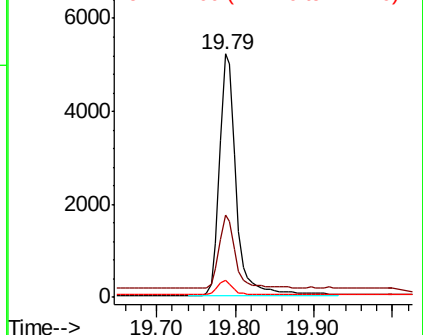
122 7.1 6.1 9.1



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: 0.122 ng

RT: 21.24 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BE100108.D

Acq: 20 Jun 2019 14:50

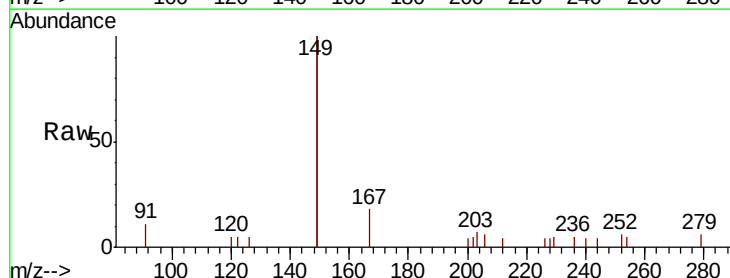
Tgt Ion:149 Resp: 2748

Ion Ratio Lower Upper

149 100

167 7.9 5.8 8.6

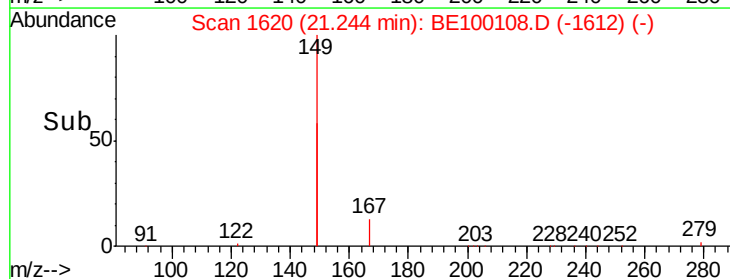
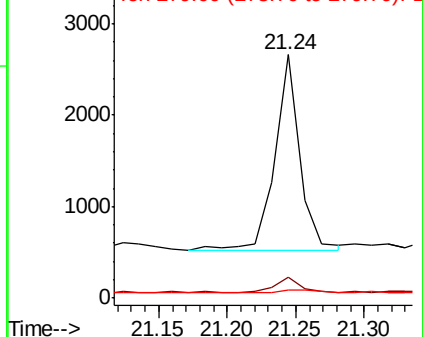
279 2.0 1.1 1.7#

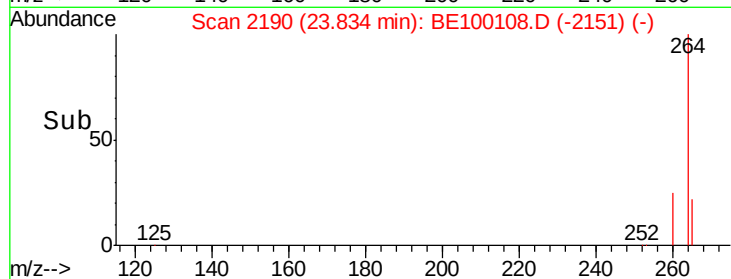
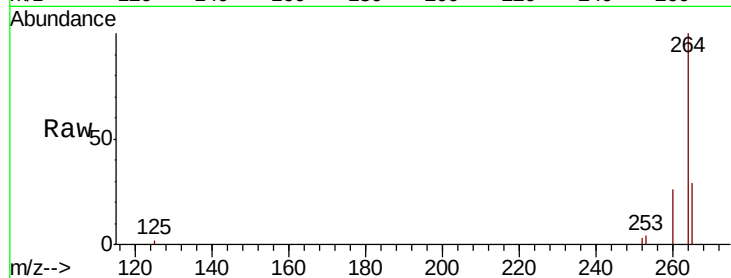
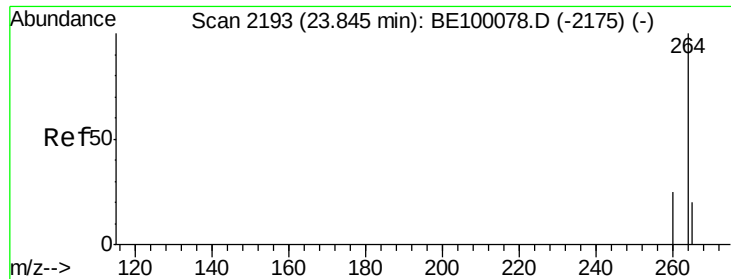


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.83 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BE100108.D

Acq: 20 Jun 2019 14:50

Instrument :

BNA_E

ClientSampleId :

MW-5_061219

Tot Ion:264 Resp: 10232

Ion Ratio Lower Upper

264 100

260 25.7 20.8 31.2

265 29.4 23.2 34.8

