

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
 Data File : BE100114.D
 Acq On : 20 Jun 2019 19:28
 Operator : JU/SJ
 Sample : K3345-14
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-3 061219

Quant Time: Jun 21 01:45:52 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

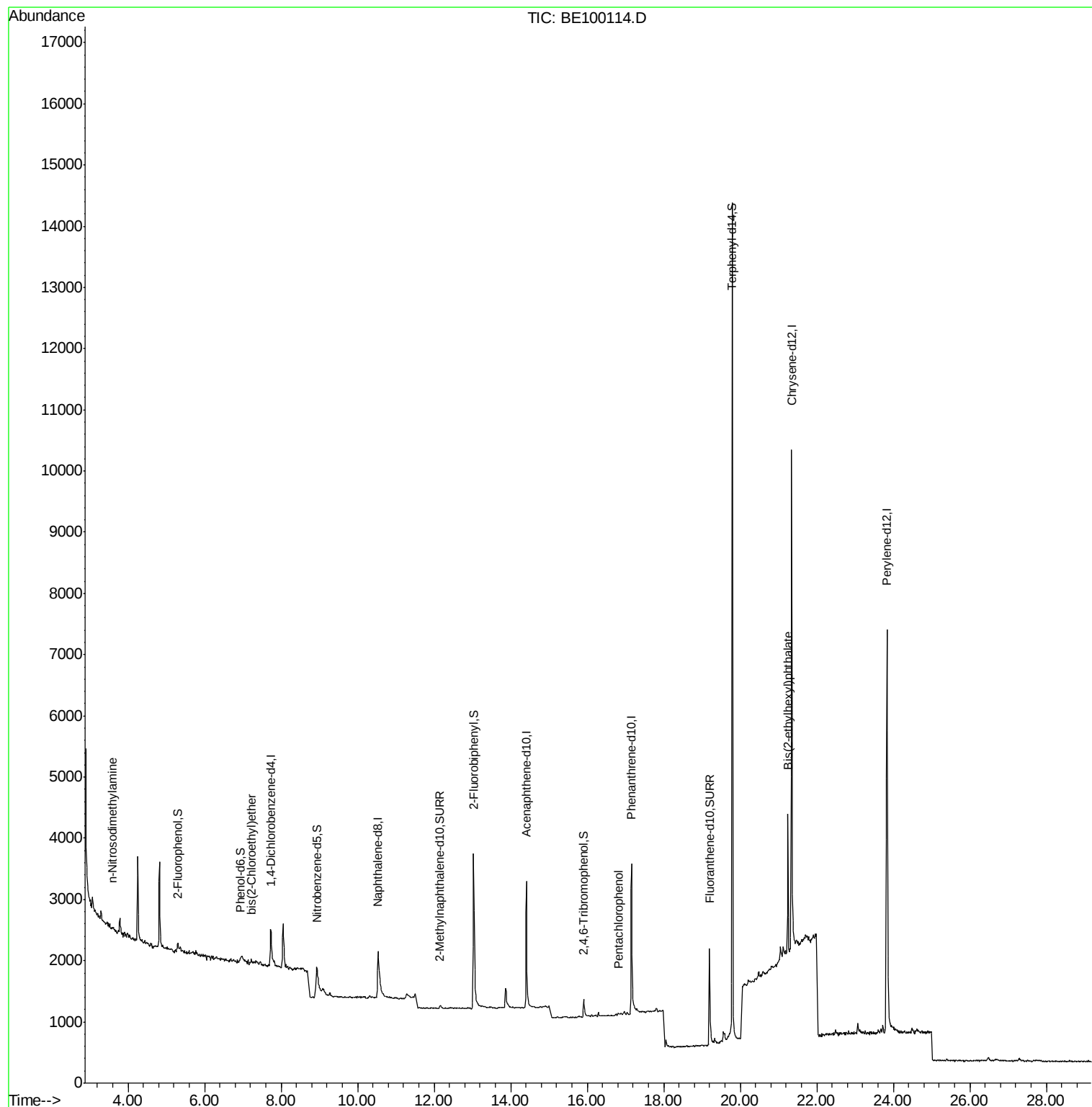
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	504	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	1777	0.40	ng	0.00
13) Acenaphthene-d10	14.41	164	1591	0.40	ng	0.00
19) Phenanthrene-d10	17.16	188	5199	0.40	ng	0.00
27) Chrysene-d12	21.34	240	8951	0.40	ng	0.00
34) Perylene-d12	23.83	264	10625	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	200	0.19	ng	0.00
5) Phenol-d6	6.94	99	169	0.12	ng	0.01
8) Nitrobenzene-d5	8.93	82	596	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.15	152	104	0.03	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	275	0.31	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	3438	0.55	ng	-0.02
25) Fluoranthene-d10	19.20	212	2662	0.04	ng	0.00
29) Terphenyl-d14	19.79	244	9538	0.53	ng	-0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.59	42	33	0.403	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	11	0.041	ng	# 1
22) Pentachlorophenol	16.83	266	55	0.292	ng	96
32) Bis(2-ethylhexyl)phthalate	21.24	149	2504	0.100	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: 7.74 min Scan# 423

Delta R.T. 0.00 min

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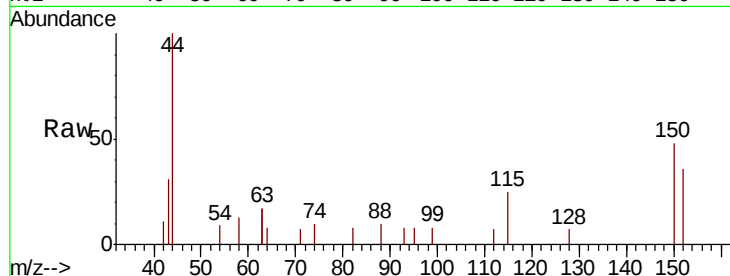
Tgt Ion:152 Resp: 504

Ion Ratio Lower Upper

152 100

150 135.2 99.8 149.8

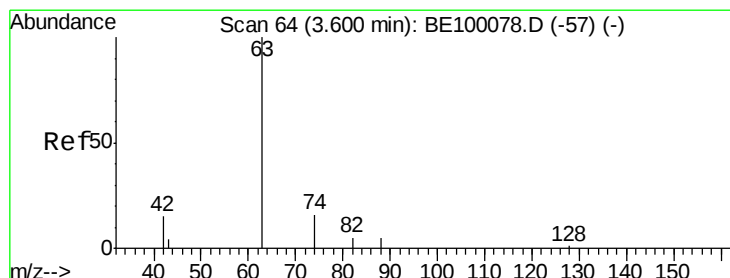
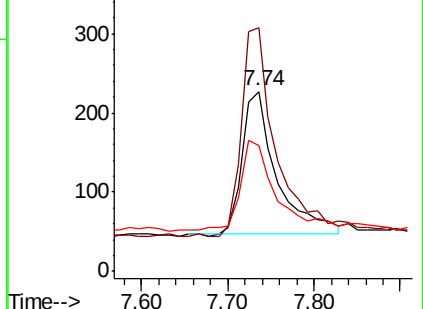
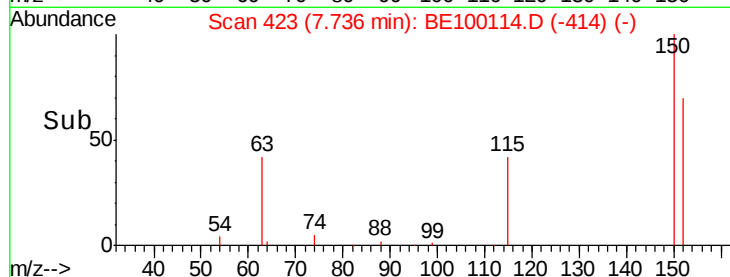
115 70.0 51.3 76.9



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



#3

n-Nitrosodimethylamine

Concen: 0.403 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.01 min

Lab File: BE100114.D

Acq: 20 Jun 2019 19:28

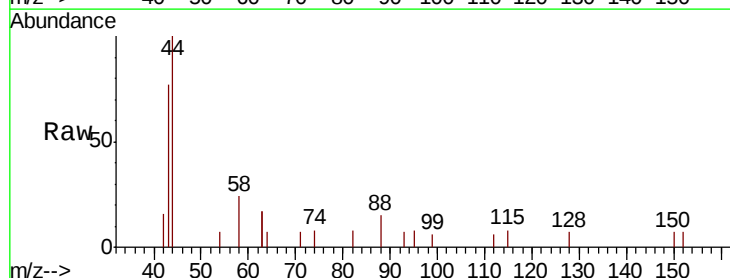
Tgt Ion: 42 Resp: 33

Ion Ratio Lower Upper

42 100

74 15.2 0.0 0.0#

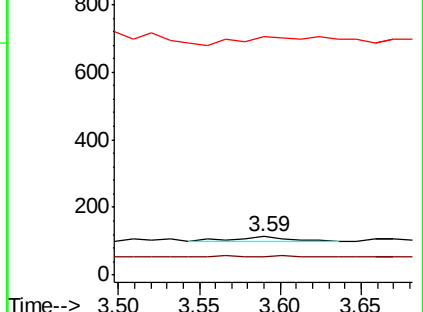
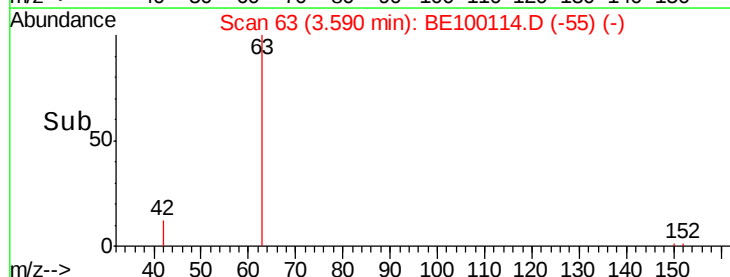
44 206.1 0.0 0.0#

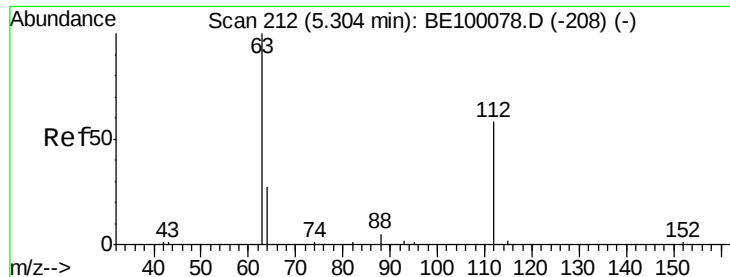


Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 0.191 ng

RT: 5.31 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE100114.D

Acq: 20 Jun 2019 19:28

Instrument :

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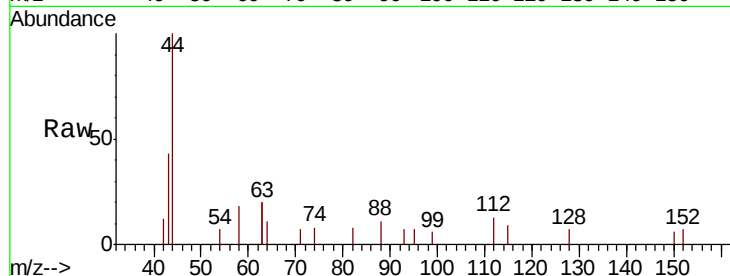
Tgt Ion: 112 Resp: 200

Ion Ratio Lower Upper

112 100

64 53.5 22.0 33.0#

63 117.0 121.8 182.6#

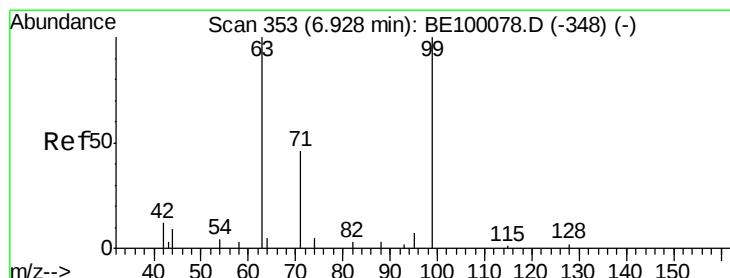
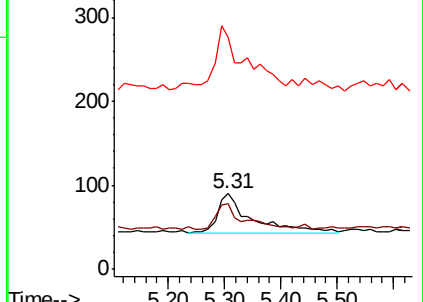
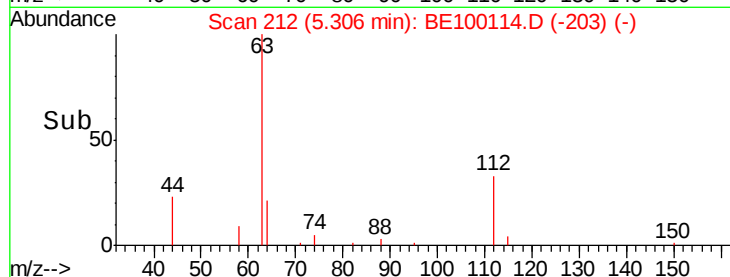


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Time-->



#5

Phenol-d6

Concen: 0.118 ng

RT: 6.94 min Scan# 354

Delta R.T. 0.01 min

Lab File: BE100114.D

Acq: 20 Jun 2019 19:28

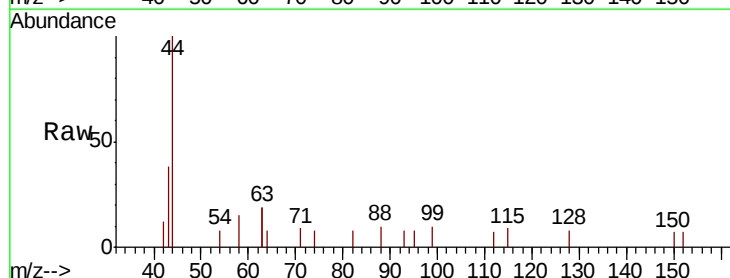
Tgt Ion: 99 Resp: 169

Ion Ratio Lower Upper

99 100

42 14.8 0.0 0.0#

71 29.0 37.6 56.4#

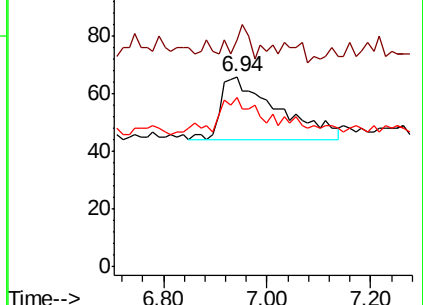
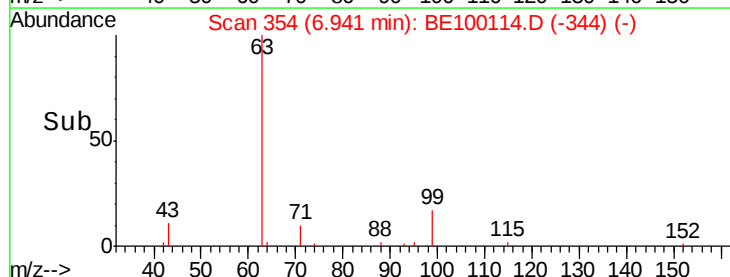


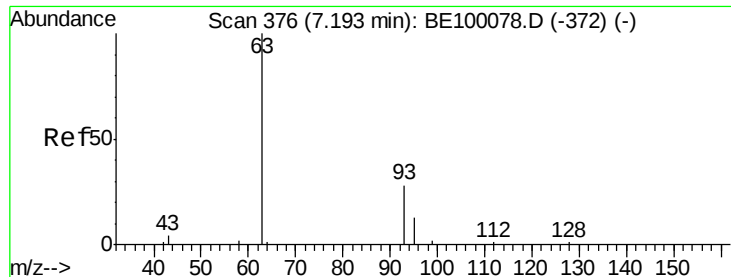
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.041 ng

RT: 7.22 min Scan# 378

Delta R.T. 0.02 min

Lab File: BE100114.D

Acq: 20 Jun 2019 19:28

Instrument :

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PR-MW-3_061219

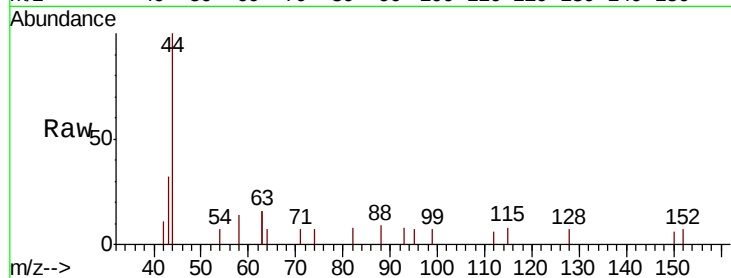
Tgt Ion: 93 Resp: 11

Ion Ratio Lower Upper

93 100

63 0.0 200.0 300.0#

95 0.0 24.0 36.0#

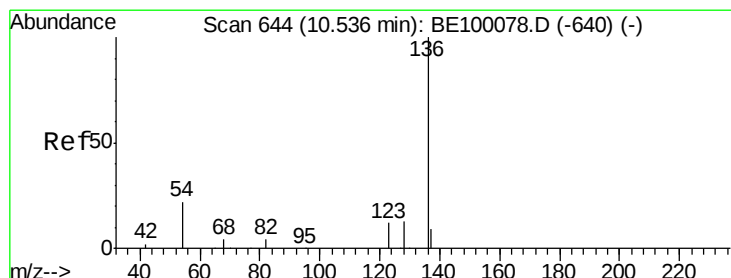
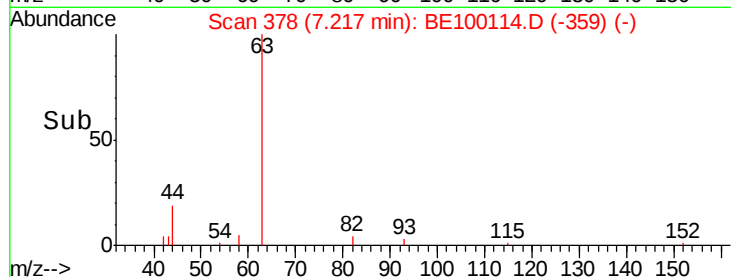
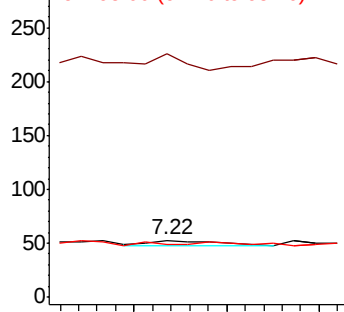


Abundance

Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100114.D

Acq: 20 Jun 2019 19:28

Tgt Ion: 136 Resp: 1777

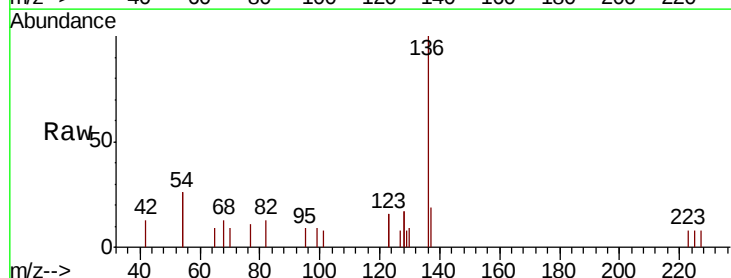
Ion Ratio Lower Upper

136 100

137 18.7 11.6 17.4#

54 52.6 33.9 50.9#

68 13.1 7.8 11.8#



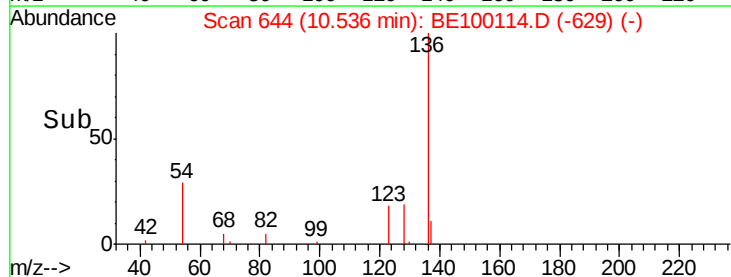
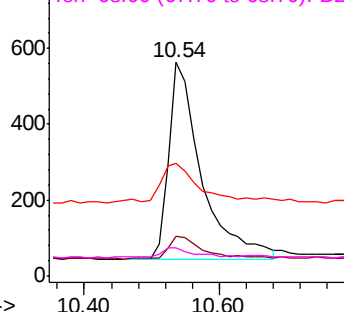
Abundance

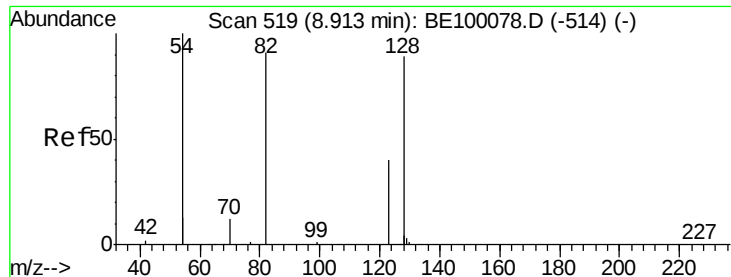
Ion 136.00 (135.70 to 136.70): BE1

Ion 137.00 (136.70 to 137.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.346 ng

RT: 8.93 min Scan# 520

Delta R.T. 0.01 min

Lab File: BE100114.D

Acq: 20 Jun 2019 19:28

Instrument :

BNA_E

ClientSampleId :

PR-MW-3_061219

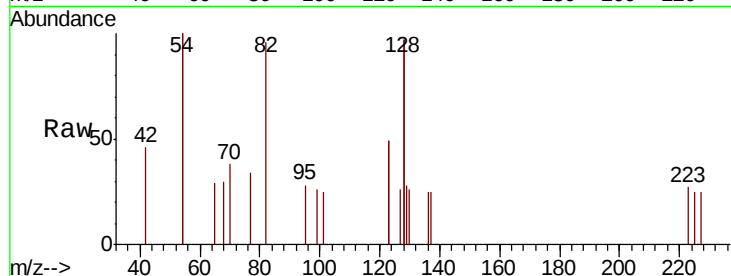
Tgt Ion: 82 Resp: 596

Ion Ratio Lower Upper

82 100

128 202.3 128.0 192.0#

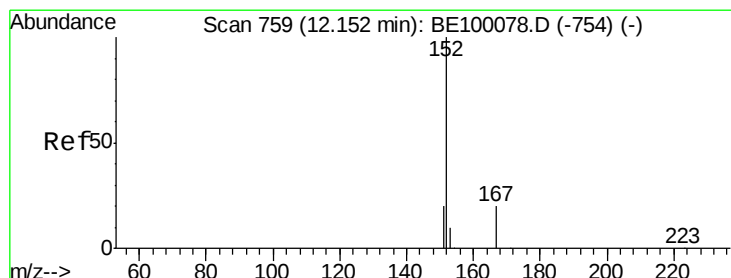
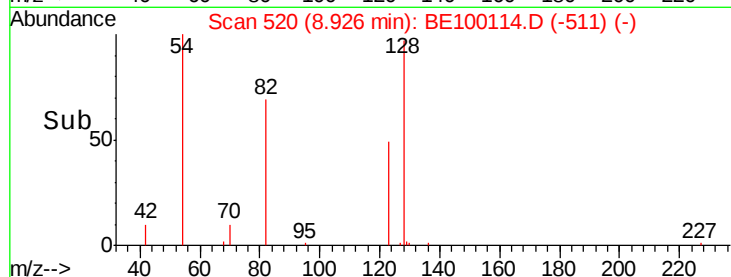
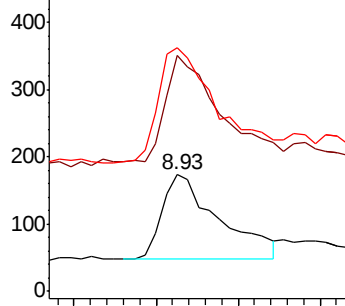
54 209.2 143.4 215.0



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



#11

2-Methylnaphthalene-d10

Concen: 0.031 ng

RT: 12.15 min Scan# 759

Delta R.T. -0.00 min

Lab File: BE100114.D

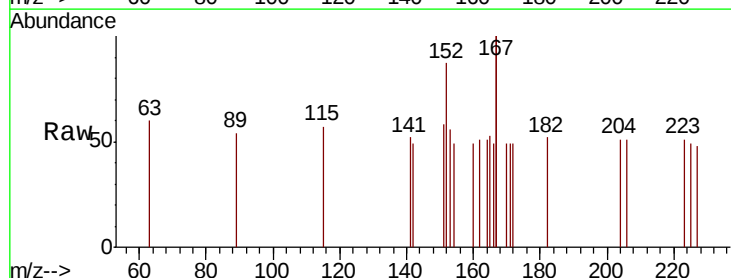
Acq: 20 Jun 2019 19:28

Tgt Ion: 152 Resp: 104

Ion Ratio Lower Upper

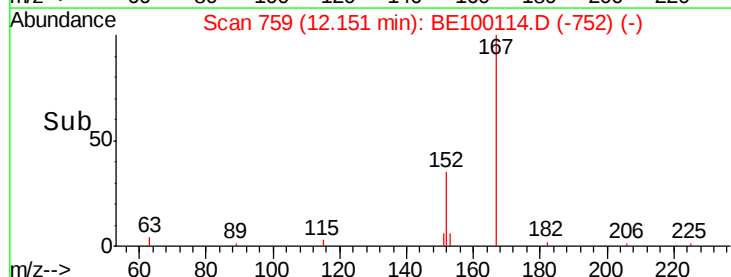
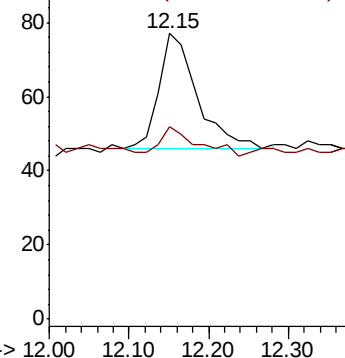
152 100

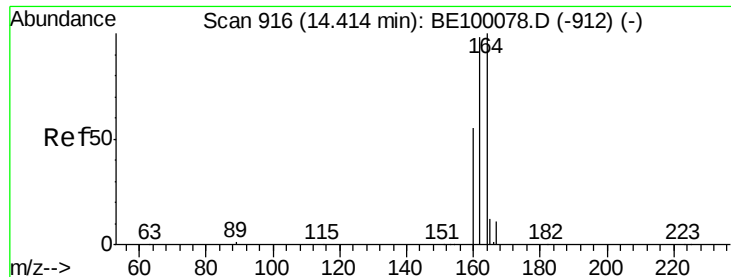
151 23.1 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

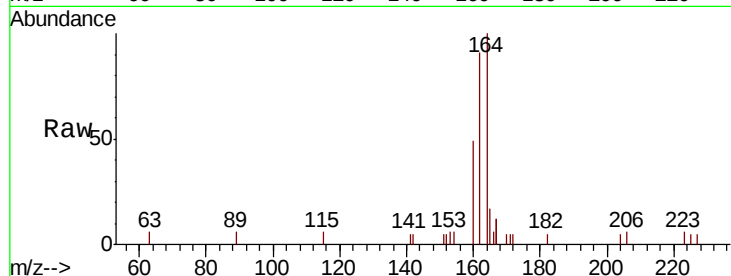




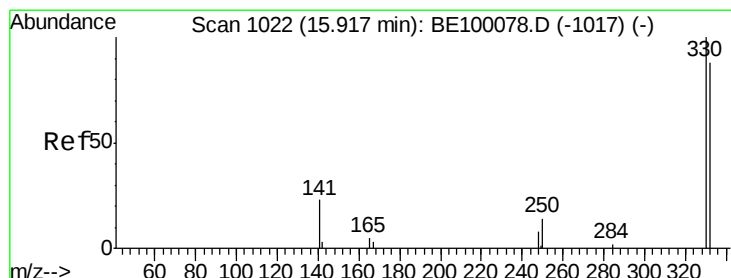
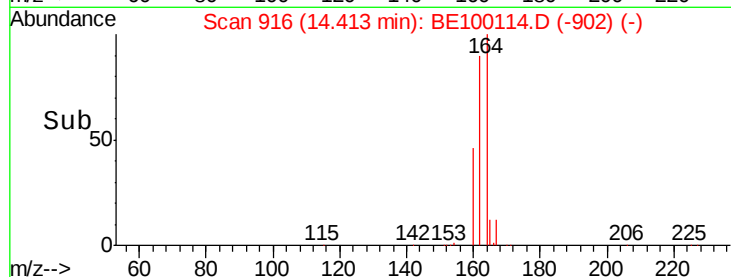
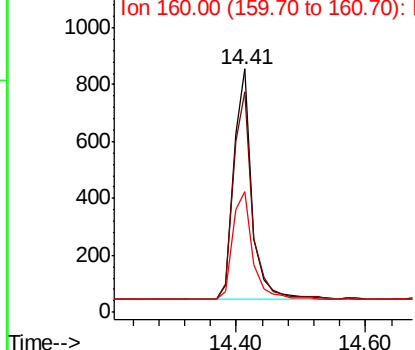
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.41 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BE100114.D
 Acq: 20 Jun 2019 19:28

Instrument :
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 PR-MW-3_061219

Tgt Ion:164 Resp: 1591
 Ion Ratio Lower Upper
 164 100
 162 90.5 78.2 117.2
 160 49.3 45.6 68.4

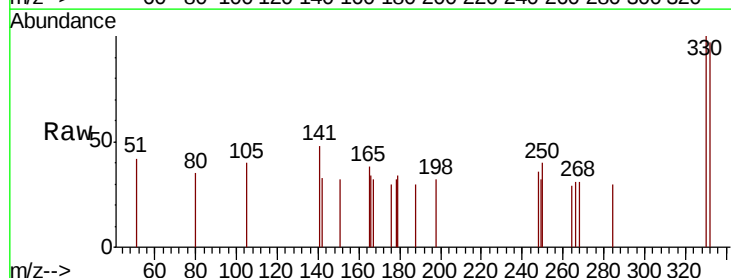


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

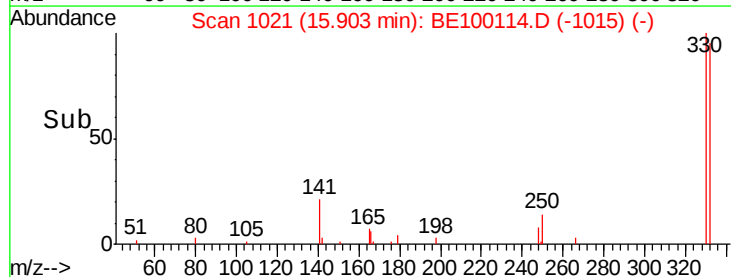
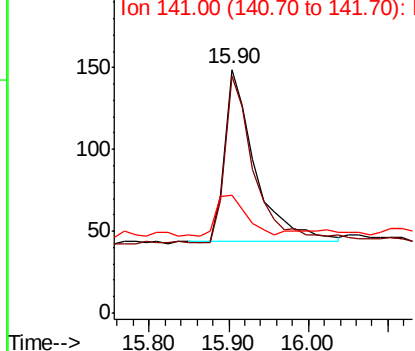


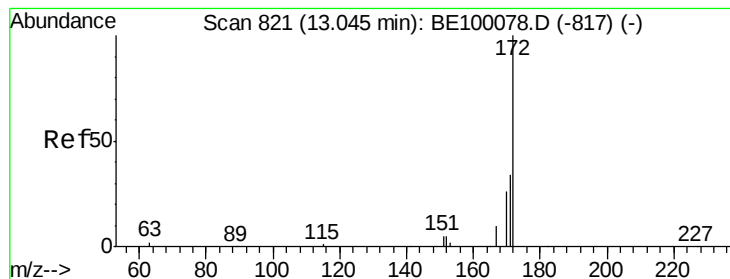
#14
 2,4,6-Tribromophenol
 Concen: 0.313 ng
 RT: 15.90 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BE100114.D
 Acq: 20 Jun 2019 19:28

Tgt Ion:330 Resp: 275
 Ion Ratio Lower Upper
 330 100
 332 98.5 73.3 109.9
 141 24.0 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: 0.549 ng

RT: 13.03 min Scan# 820

Delta R.T. -0.02 min

Lab File: BE100114.D

Acq: 20 Jun 2019 19:28

Instrument :

BNA_E

ClientSampleId :

PR-MW-3_061219

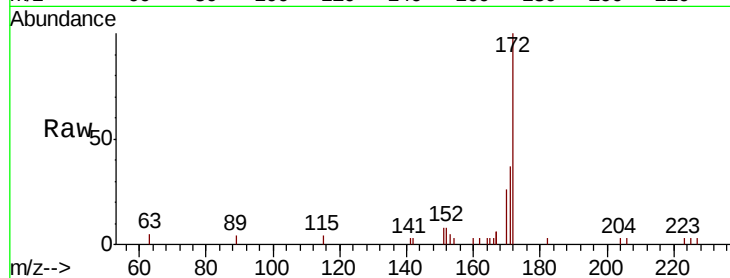
Tgt Ion:172 Resp: 3438

Ion Ratio Lower Upper

172 100

171 37.0 29.8 44.8

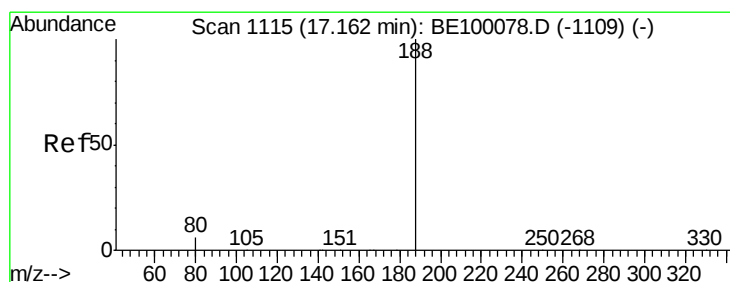
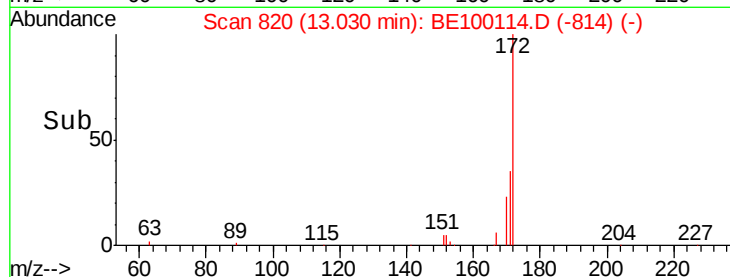
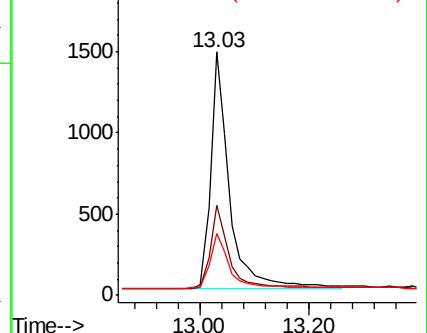
170 25.6 23.2 34.8



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: BE100114.D

Acq: 20 Jun 2019 19:28

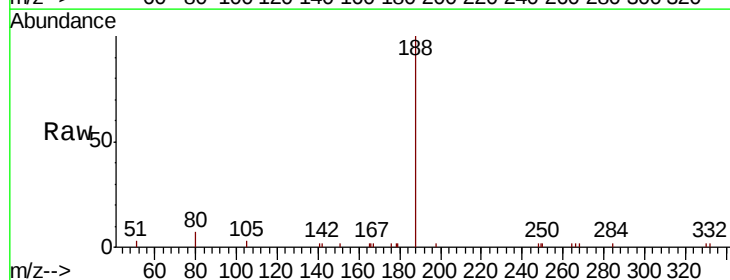
Tgt Ion:188 Resp: 5199

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

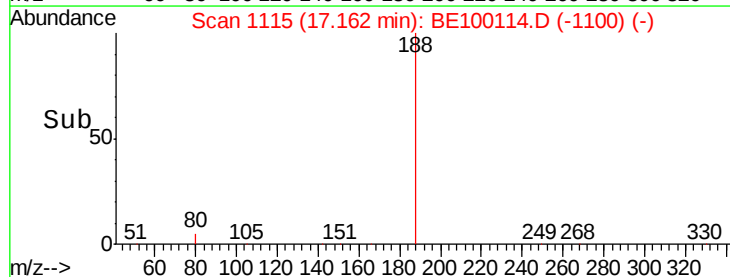
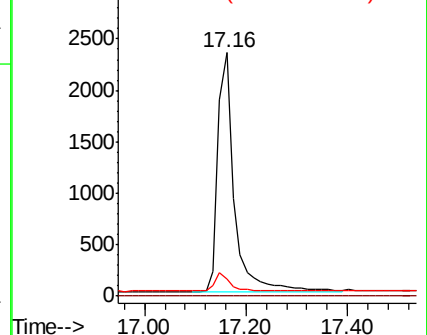
80 6.8 6.3 9.5

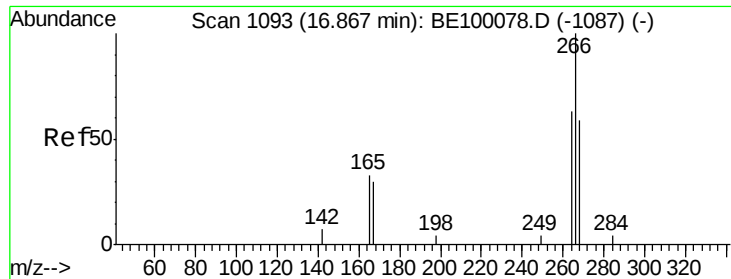


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#22

Pentachlorophenol

Concen: 0.292 ng

RT: 16.83 min Scan# 1090

Delta R.T. -0.04 min

Lab File: BE100114.D

Acq: 20 Jun 2019 19:28

Instrument :

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ClientSampleId :

PR-MW-3_061219

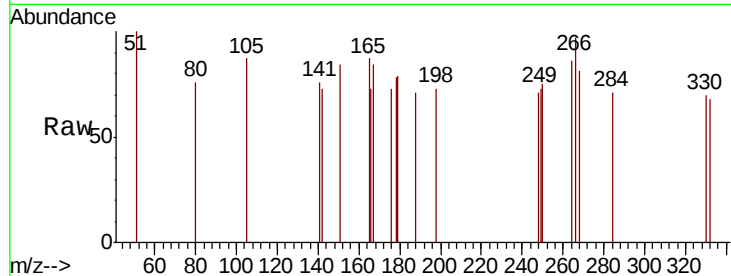
Tgt Ion: 266 Resp: 55

Ion Ratio Lower Upper

266 100

264 88.5 67.8 101.6

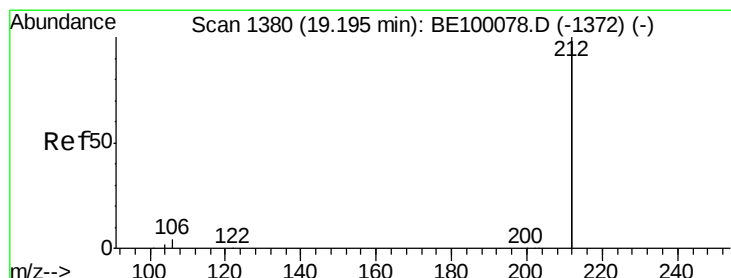
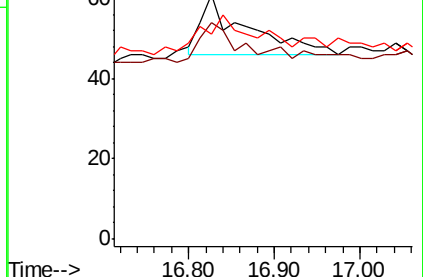
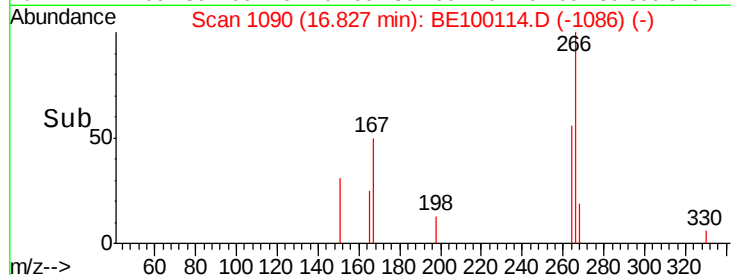
268 83.6 70.0 105.0



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: 0.036 ng

RT: 19.20 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BE100114.D

Acq: 20 Jun 2019 19:28

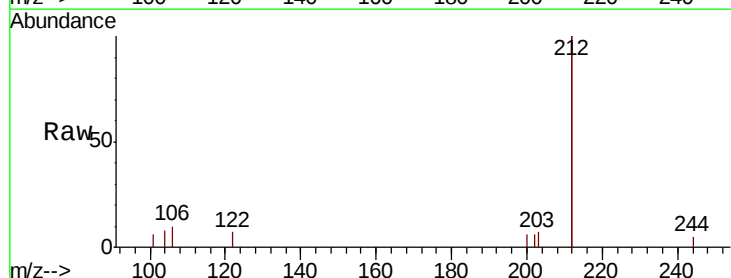
Tgt Ion: 212 Resp: 2662

Ion Ratio Lower Upper

212 100

106 2.3 1.4 2.0#

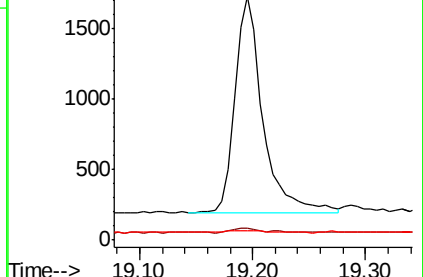
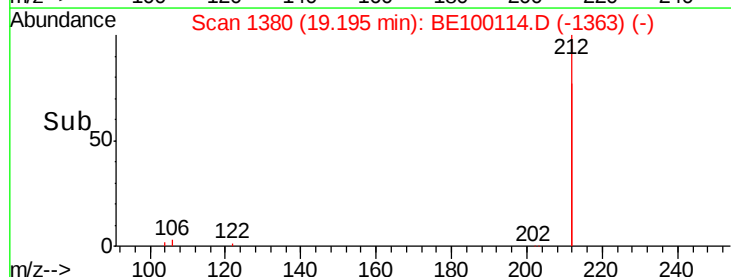
104 1.4 0.8 1.2#

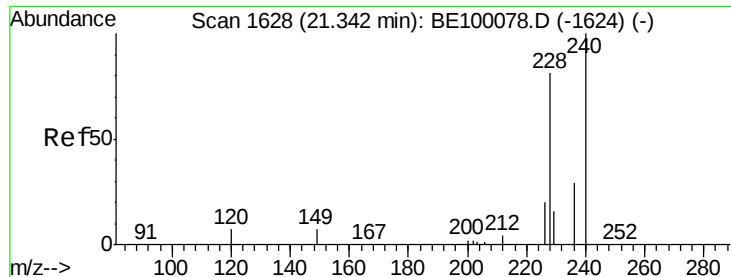


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

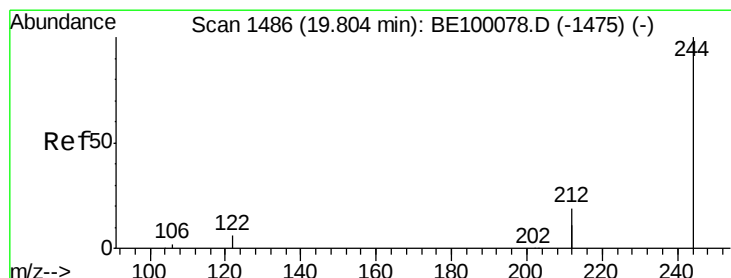
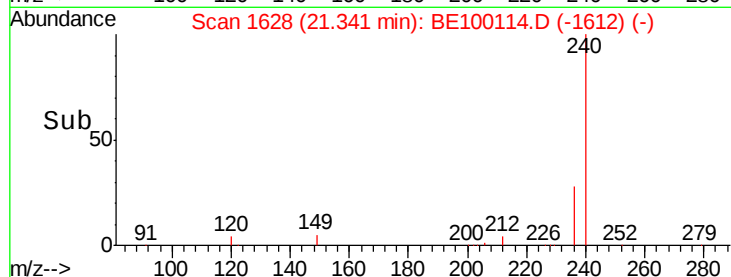
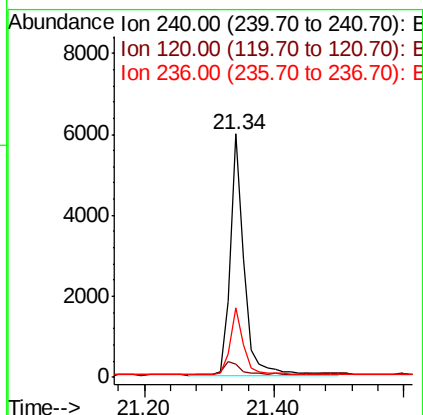
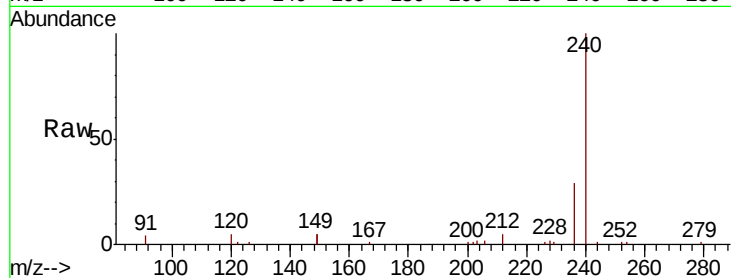




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.34 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BE100114.D
 Acq: 20 Jun 2019 19:28

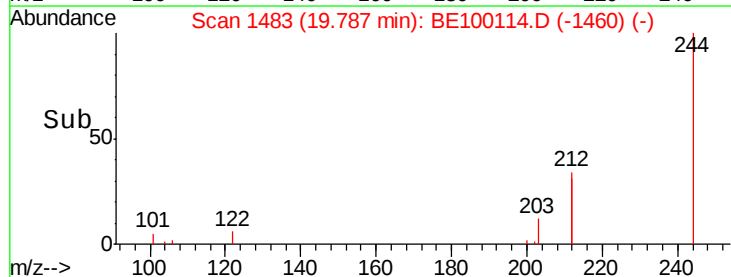
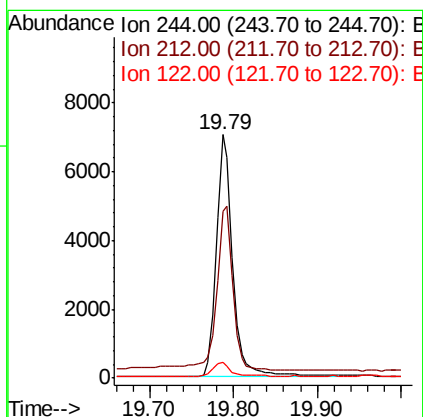
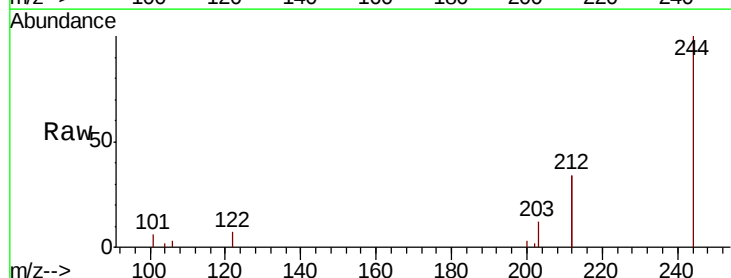
Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-3_061219

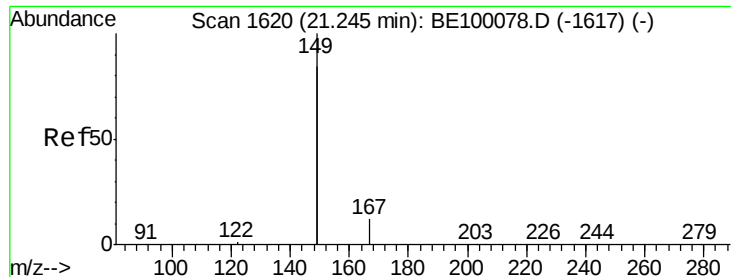
Tgt Ion:240 Resp: 8951
 Ion Ratio Lower Upper
 240 100
 120 5.3 6.6 10.0#
 236 28.5 23.8 35.6



#29
 Terphenyl-d14
 Concen: 0.533 ng
 RT: 19.79 min Scan# 1483
 Delta R.T. -0.02 min
 Lab File: BE100114.D
 Acq: 20 Jun 2019 19:28

Tgt Ion:244 Resp: 9538
 Ion Ratio Lower Upper
 244 100
 212 68.5 29.8 44.8#
 122 6.6 6.1 9.1





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.100 ng

RT: 21.24 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BE100114.D

Acq: 20 Jun 2019 19:28

Instrument :

BNA_E

ClientSampleId :

PR-MW-3_061219

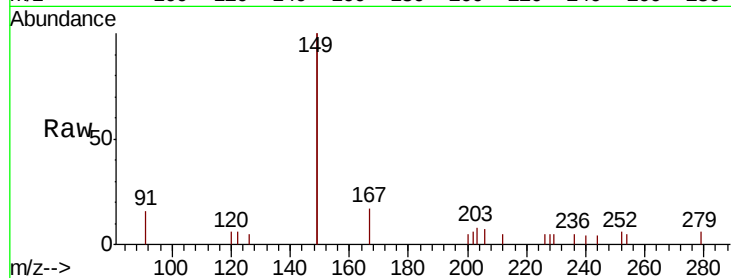
Tgt Ion:149 Resp: 2504

Ion Ratio Lower Upper

149 100

167 7.8 5.8 8.6

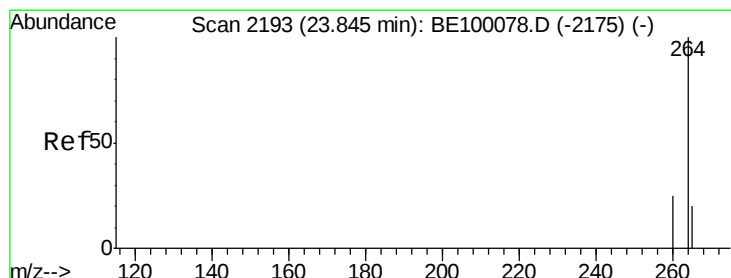
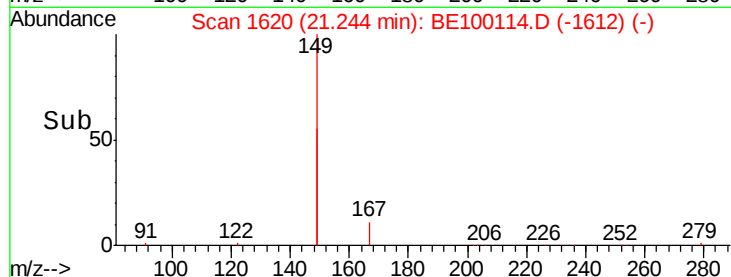
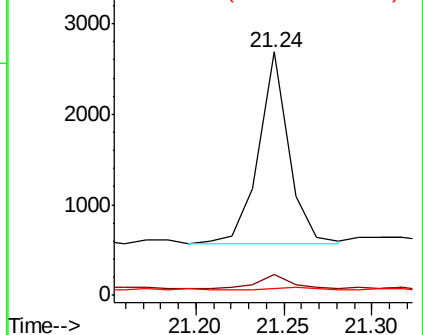
279 1.1 1.1 1.7#



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

Perylene-d12

Concen: 0.400 ng

RT: 23.83 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BE100114.D

Acq: 20 Jun 2019 19:28

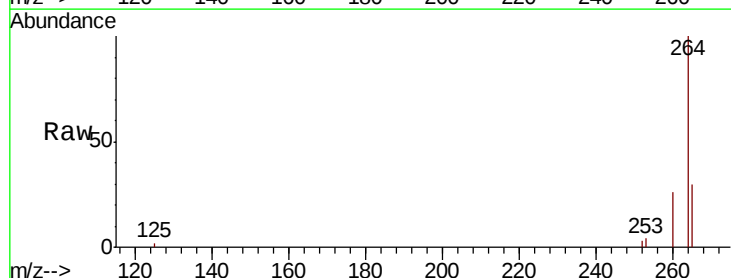
Tgt Ion:264 Resp: 10625

Ion Ratio Lower Upper

264 100

260 25.7 20.8 31.2

265 29.5 23.2 34.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

