

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
 Data File : BE100123.D
 Acq On : 21 Jun 2019 00:53
 Operator : JU/SJ
 Sample : K3345-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-4 061219

Quant Time: Jun 21 01:47:27 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

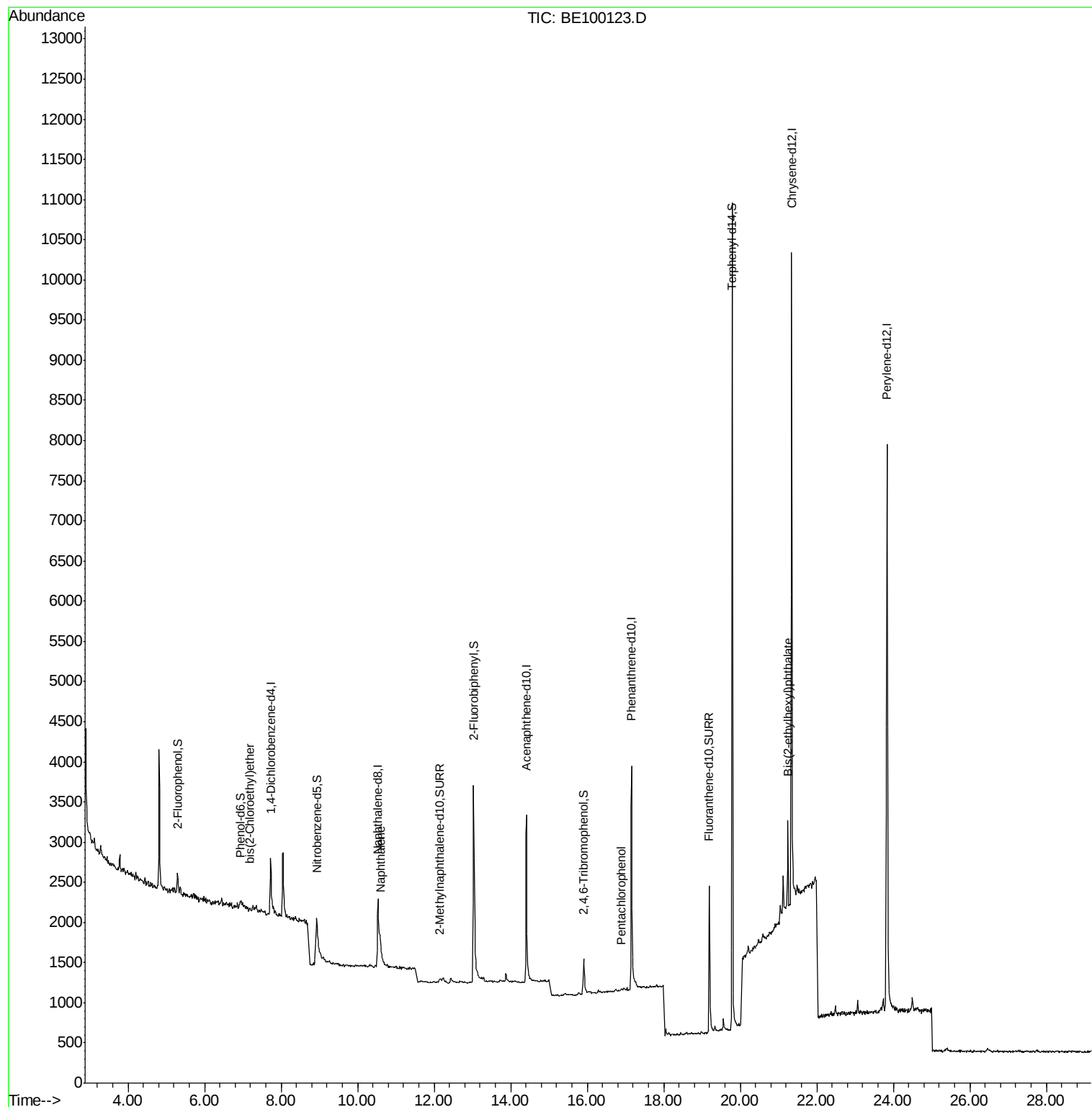
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	551	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	1907	0.40	ng	0.00
13) Acenaphthene-d10	14.41	164	1748	0.40	ng	0.00
19) Phenanthrene-d10	17.16	188	5803	0.40	ng	0.00
27) Chrysene-d12	21.34	240	9211	0.40	ng	0.00
34) Perylene-d12	23.83	264	10893	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	221	0.19	ng	0.00
5) Phenol-d6	6.94	99	125	0.08	ng	0.01
8) Nitrobenzene-d5	8.93	82	697	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.15	152	139	0.04	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	466	0.48	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	3675	0.53	ng	-0.01
25) Fluoranthene-d10	19.19	212	3150	0.04	ng	0.00
29) Terphenyl-d14	19.79	244	10281	0.56	ng	-0.02
Target Compounds						
6) bis(2-Chloroethyl)ether	7.17	93	15	0.043	ng	# 1
9) Naphthalene	10.59	128	642	0.031	ng	# 72
22) Pentachlorophenol	16.88	266	7	0.248	ng	89
32) Bis(2-ethylhexyl)phthalate	21.25	149	1204	0.047	ng	# 89

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.73 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE100123.D

Acq: 21 Jun 2019 00:53

Instrument :

BNA_E

ClientSampleId :

MW-4 061219

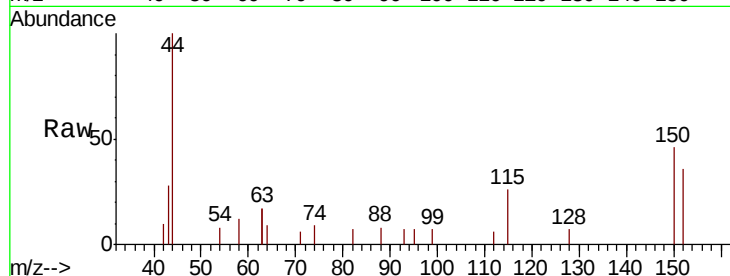
Tgt Ion:152 Resp: 551

Ion Ratio Lower Upper

152 100

150 127.3 99.8 149.8

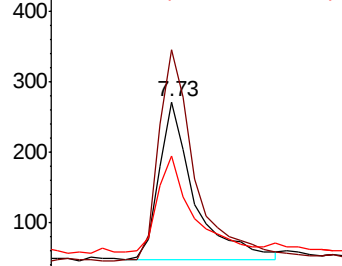
115 72.0 51.3 76.9



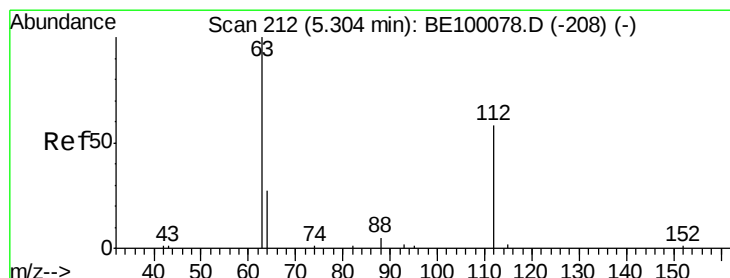
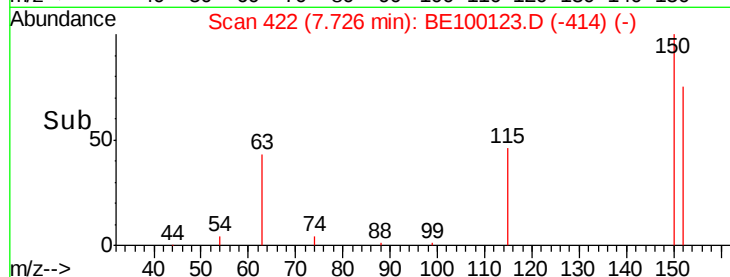
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#4

2-Fluorophenol

Concen: 0.193 ng

RT: 5.30 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100123.D

Acq: 21 Jun 2019 00:53

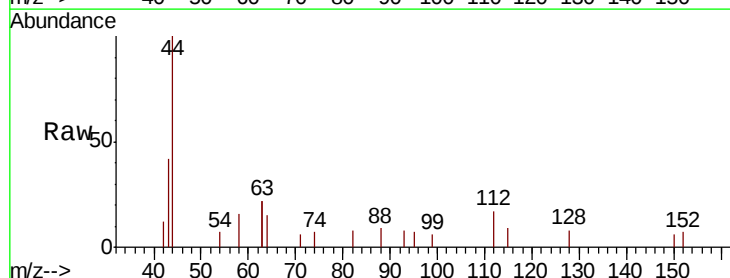
Tgt Ion:112 Resp: 221

Ion Ratio Lower Upper

112 100

64 69.2 22.0 33.0#

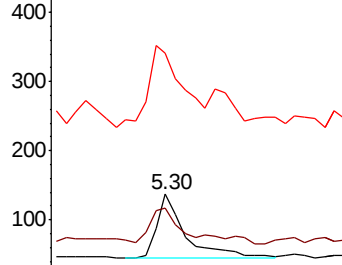
63 148.4 121.8 182.6



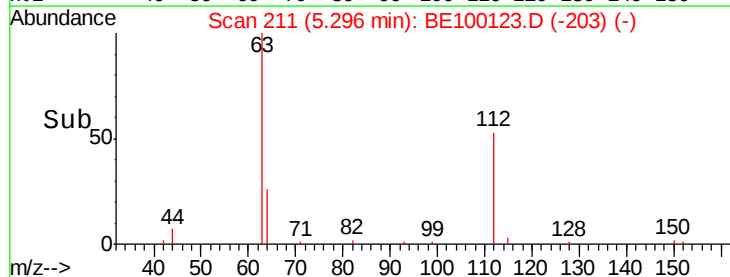
Abundance Ion 112.00 (111.70 to 112.70): E

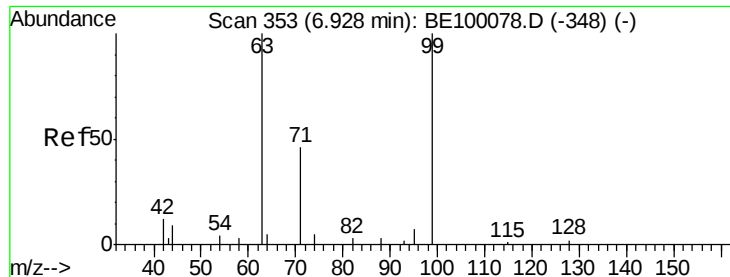
Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



Time-->





#5

Phenol-d6

Concen: 0.080 ng

RT: 6.94 min Scan# 354

Delta R.T. 0.01 min

Lab File: BE100123.D

Acq: 21 Jun 2019 00:53

Instrument :

BNA_E

ClientSampleId :

MW-4 061219

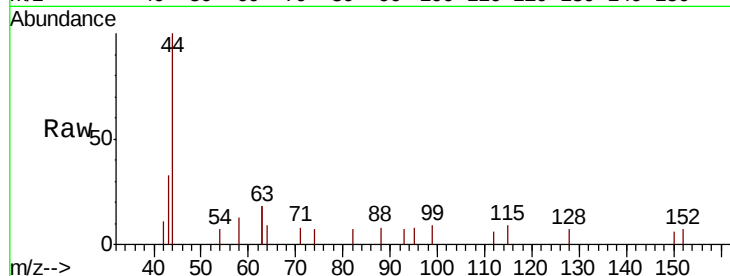
Tgt Ion: 99 Resp: 125

Ion Ratio Lower Upper

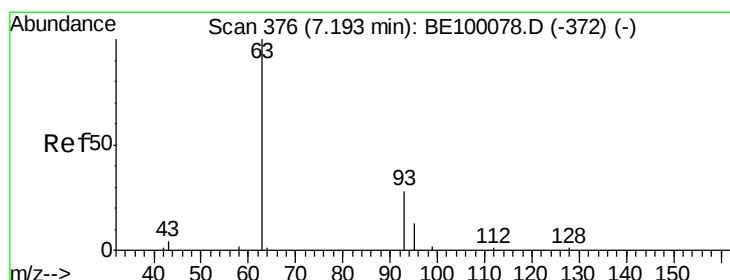
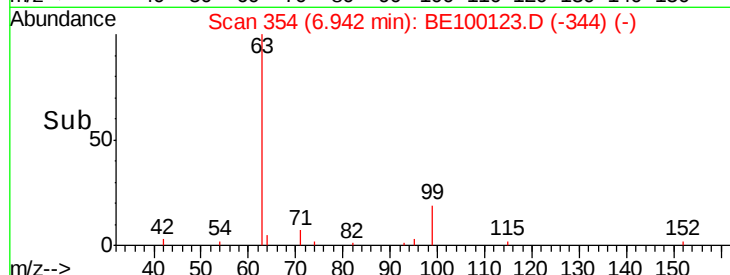
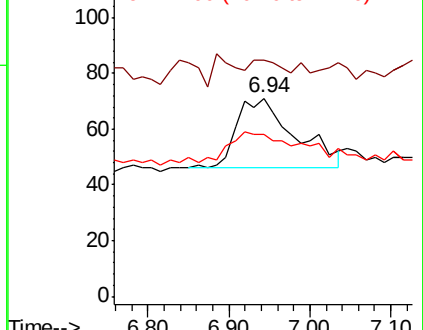
99 100

42 21.6 0.0 0.0#

71 0.0 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



#6

bis(2-Chloroethyl)ether

Concen: 0.043 ng

RT: 7.17 min Scan# 374

Delta R.T. -0.02 min

Lab File: BE100123.D

Acq: 21 Jun 2019 00:53

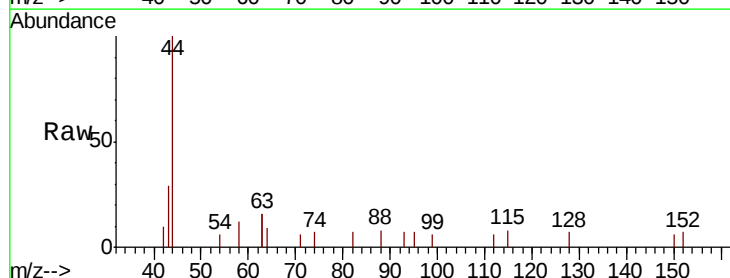
Tgt Ion: 93 Resp: 15

Ion Ratio Lower Upper

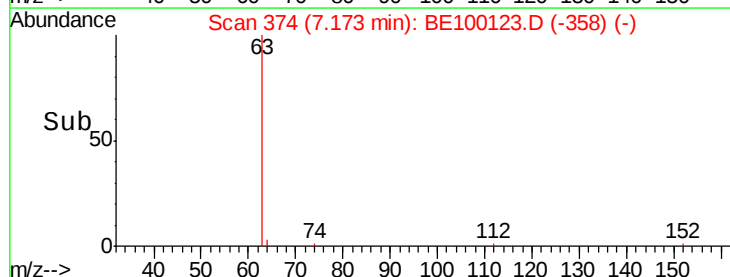
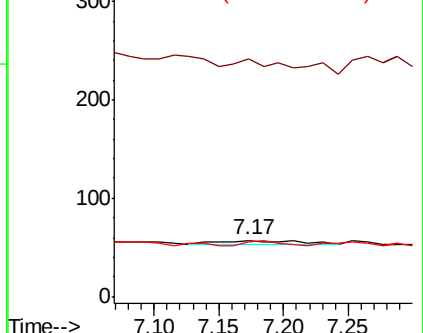
93 100

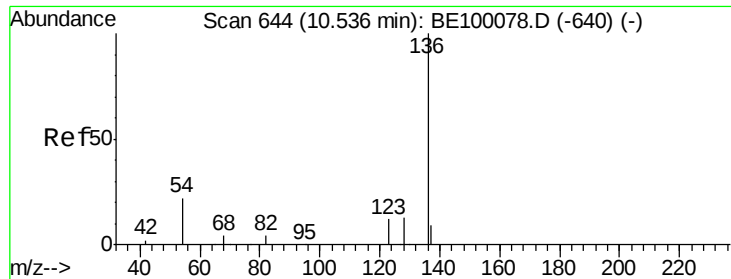
63 46.7 200.0 300.0#

95 80.0 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: BE100123.D

Acq: 21 Jun 2019 00:53

Instrument :

BNA_E

ClientSampleId :

MW-4 061219

Tgt Ion: 136 Resp: 1907

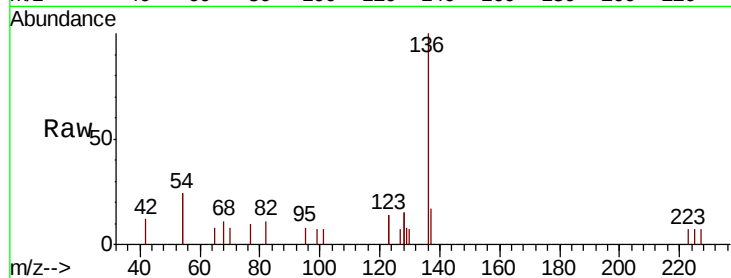
Ion Ratio Lower Upper

136 100

137 16.8 11.6 17.4

54 48.0 33.9 50.9

68 11.3 7.8 11.8

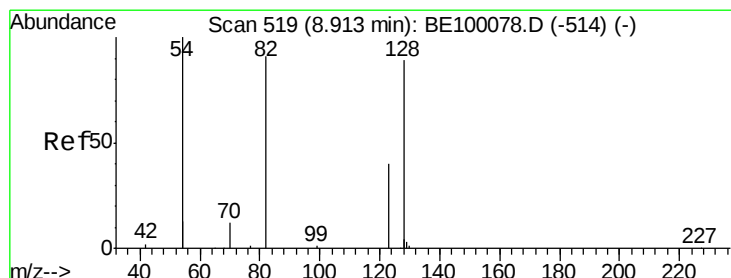
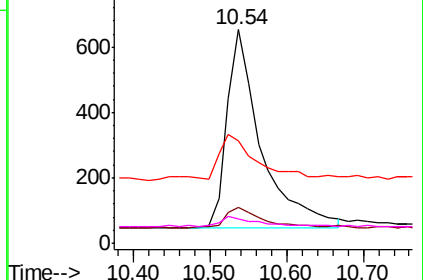
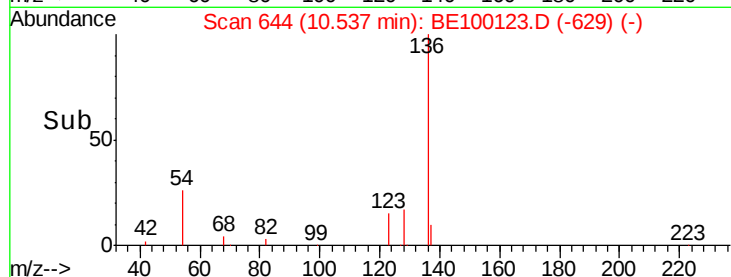


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.377 ng

RT: 8.93 min Scan# 520

Delta R.T. 0.01 min

Lab File: BE100123.D

Acq: 21 Jun 2019 00:53

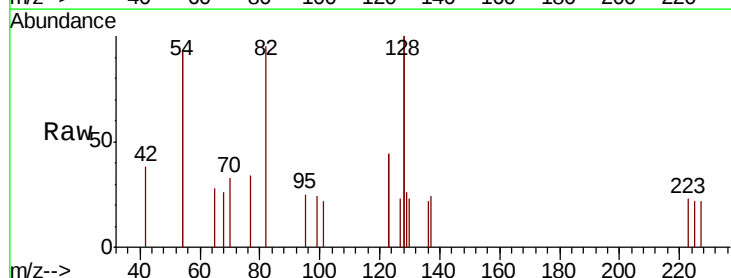
Tgt Ion: 82 Resp: 697

Ion Ratio Lower Upper

82 100

128 211.1 128.0 192.0#

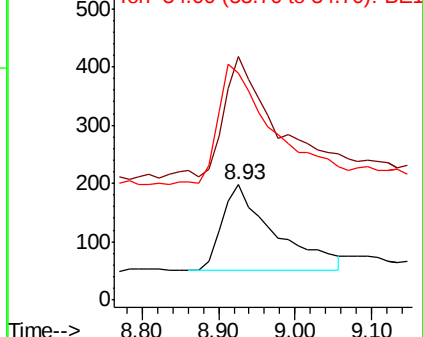
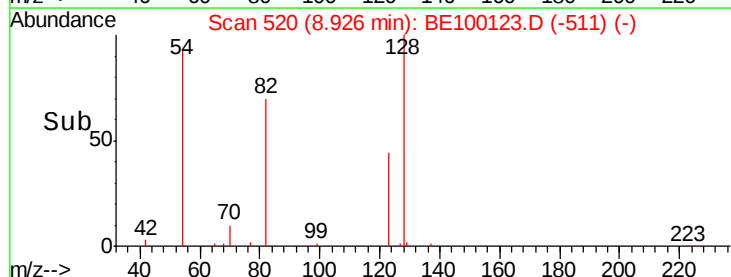
54 197.0 143.4 215.0

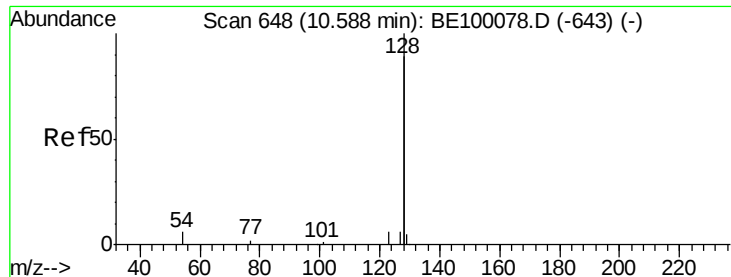


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

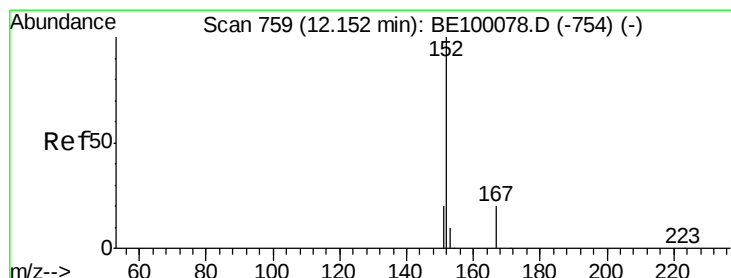
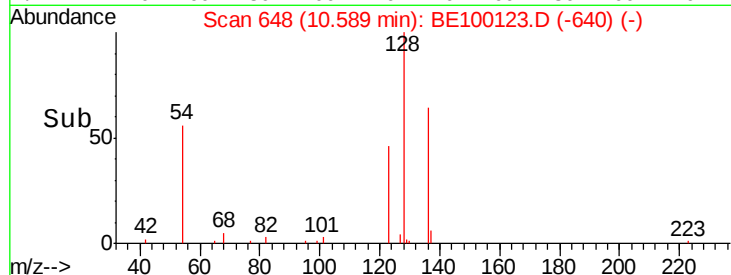
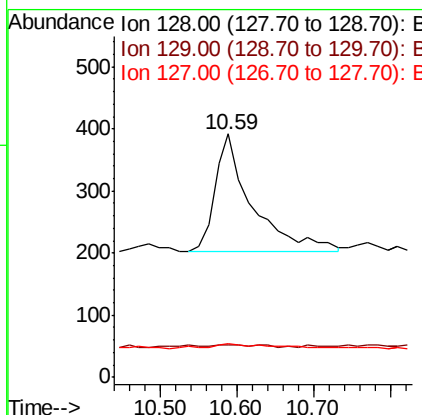
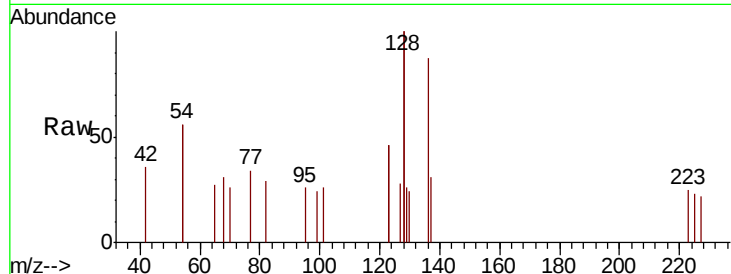




#9
Naphthalene
Concen: 0.031 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BE100123.D
Acq: 21 Jun 2019 00:53

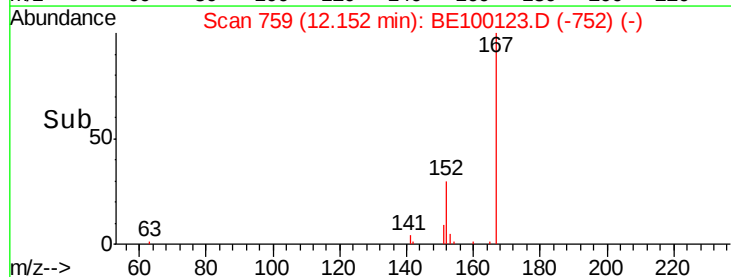
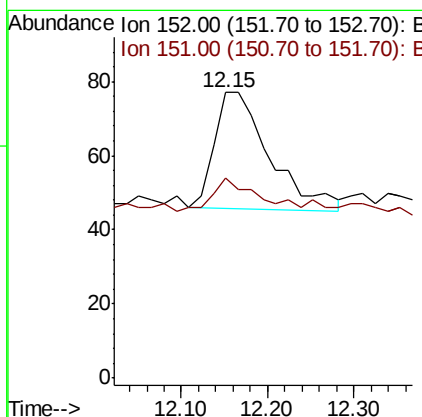
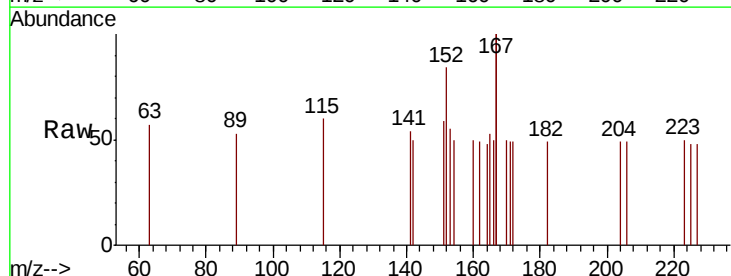
Instrument :
BNA_E
ClientSampleId :
MW-4 061219

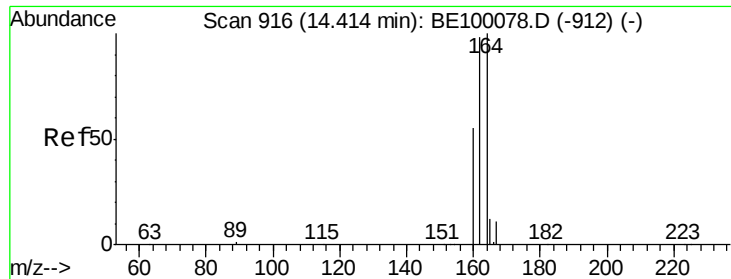
Tgt Ion:128 Resp: 642
Ion Ratio Lower Upper
128 100
129 13.0 3.1 4.7#
127 13.8 3.4 5.2#



#11
2-Methylnaphthalene-d10
Concen: 0.038 ng
RT: 12.15 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE100123.D
Acq: 21 Jun 2019 00:53

Tgt Ion:152 Resp: 139
Ion Ratio Lower Upper
152 100
151 25.9 16.3 24.5#

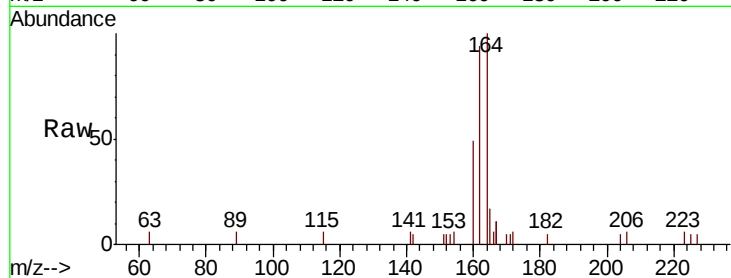




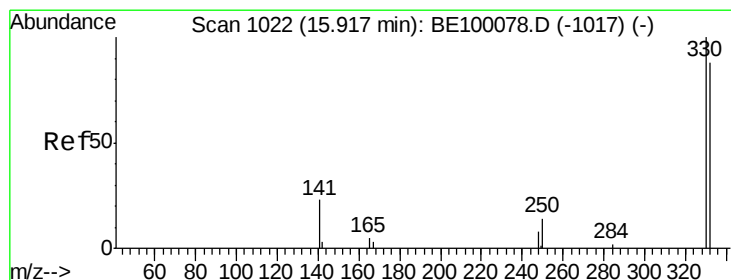
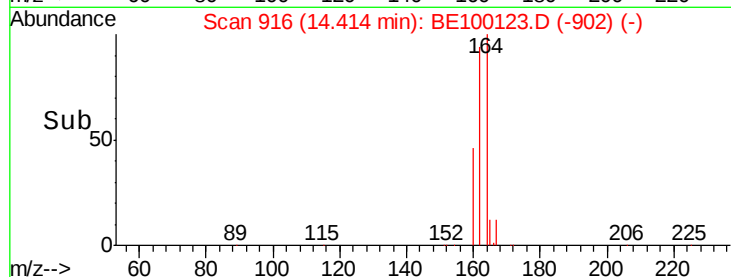
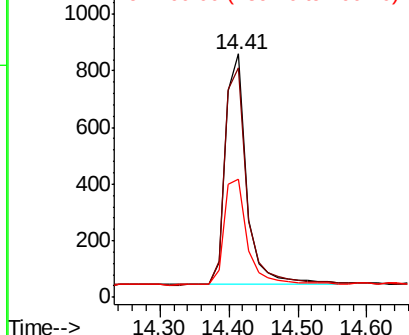
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.41 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BE100123.D
 Acq: 21 Jun 2019 00:53

Instrument :
 BNA_E
 ClientSampleId :
 MW-4 061219

Tgt Ion:164 Resp: 1748
 Ion Ratio Lower Upper
 164 100
 162 94.4 78.2 117.2
 160 48.6 45.6 68.4

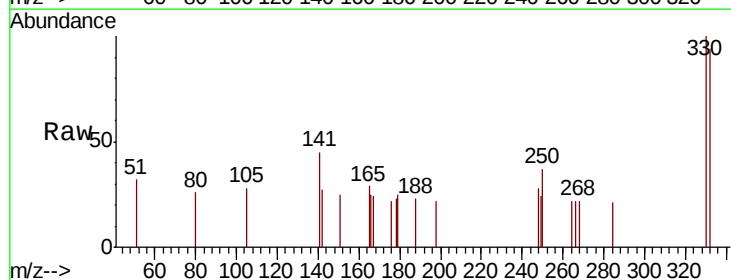


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

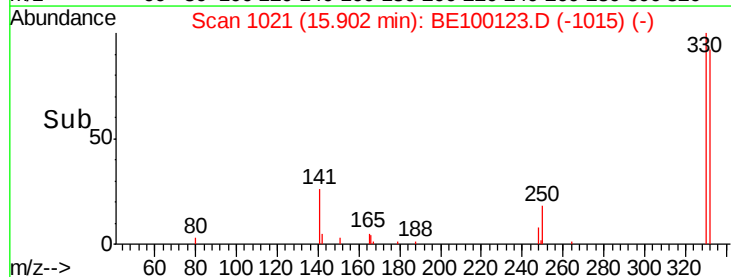
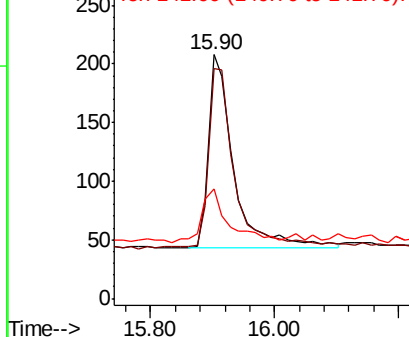


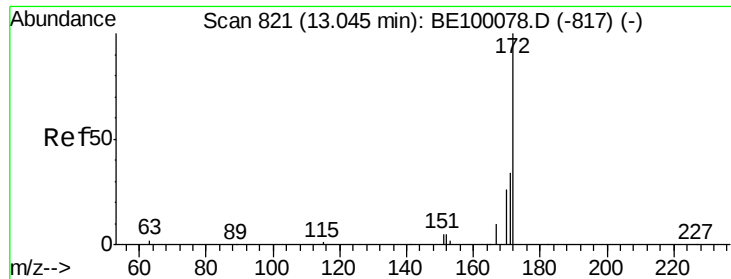
#14
 2,4,6-Tribromophenol
 Concen: 0.483 ng
 RT: 15.90 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BE100123.D
 Acq: 21 Jun 2019 00:53

Tgt Ion:330 Resp: 466
 Ion Ratio Lower Upper
 330 100
 332 92.9 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

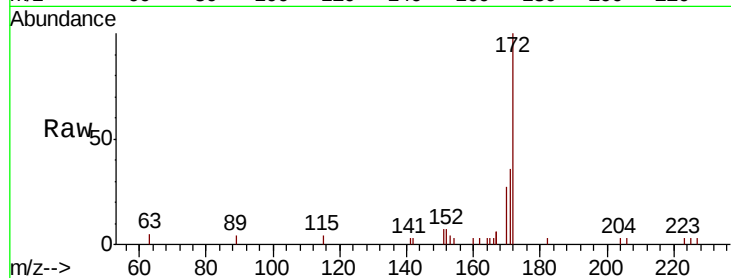




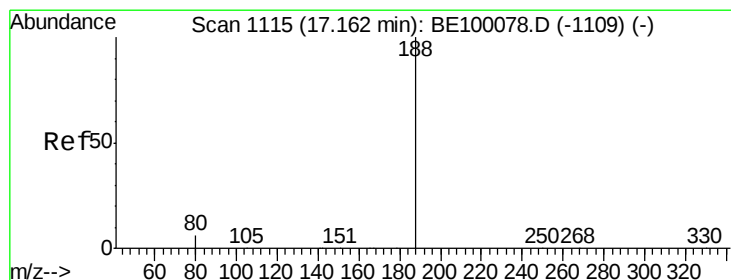
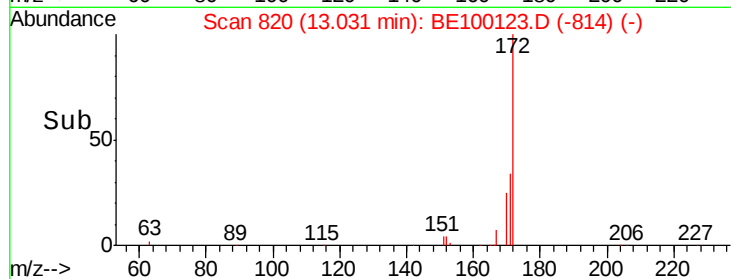
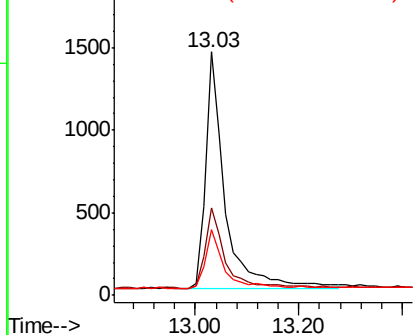
#15
2-Fluorobiphenyl
Concen: 0.535 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.01 min
Lab File: BE100123.D
Acq: 21 Jun 2019 00:53

Instrument :
BNA_E
ClientSampleId :
MW-4 061219

Tgt Ion:172 Resp: 3675
Ion Ratio Lower Upper
172 100
171 35.9 29.8 44.8
170 27.1 23.2 34.8

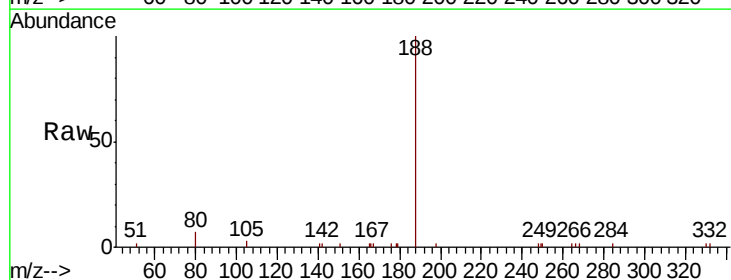


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

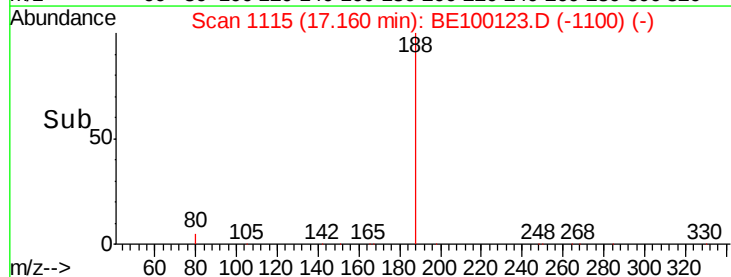
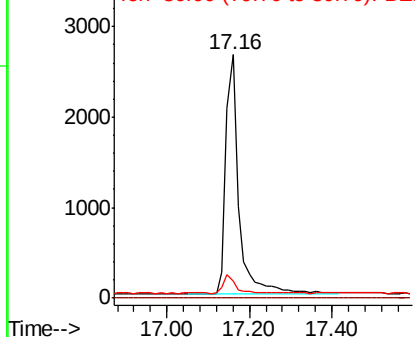


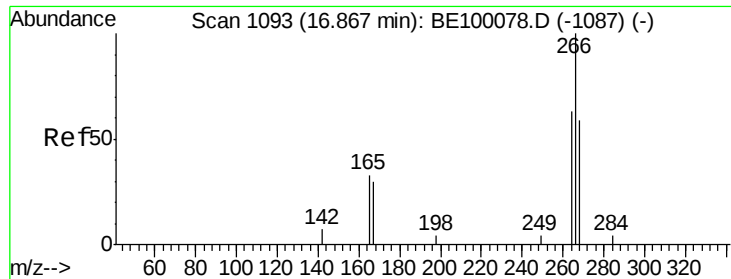
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100123.D
Acq: 21 Jun 2019 00:53

Tgt Ion:188 Resp: 5803
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

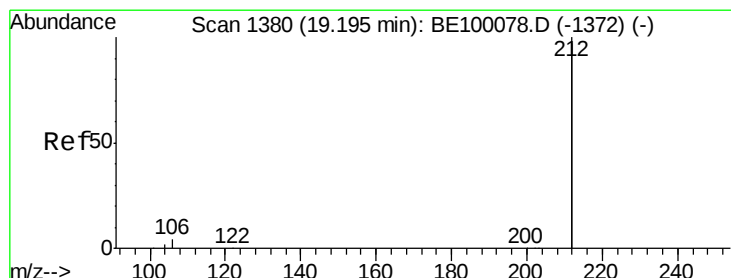
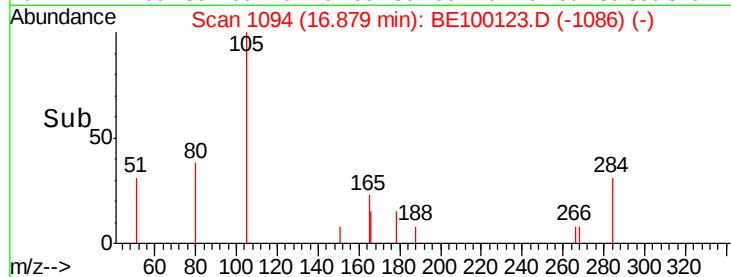
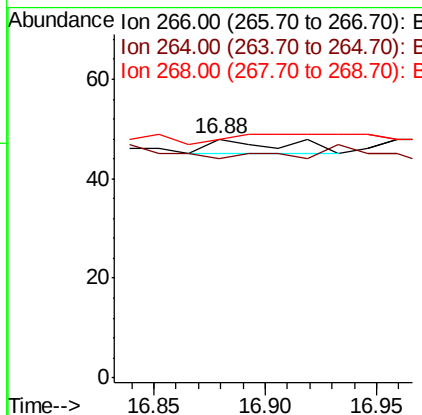
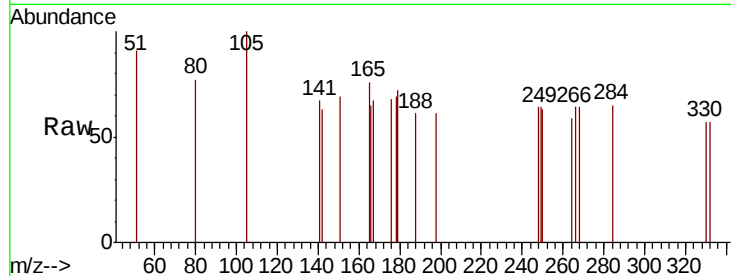




#22
 Pentachlorophenol
 Concen: 0.248 ng
 RT: 16.88 min Scan# 1094
 Delta R.T. 0.01 min
 Lab File: BE100123.D
 Acq: 21 Jun 2019 00:53

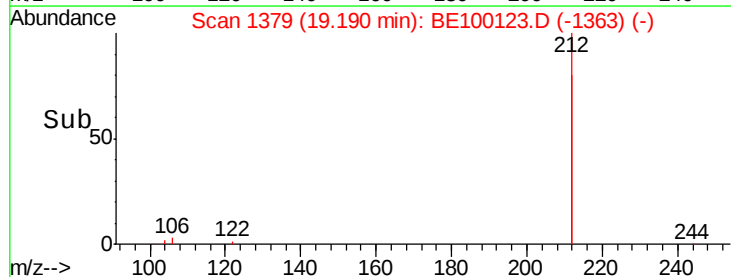
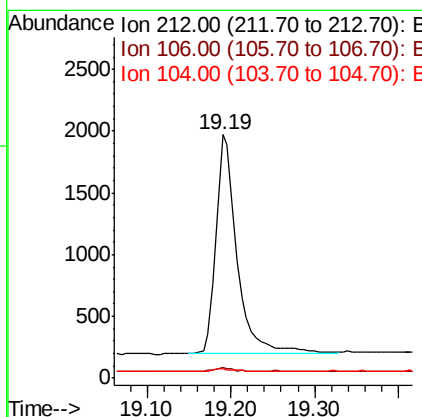
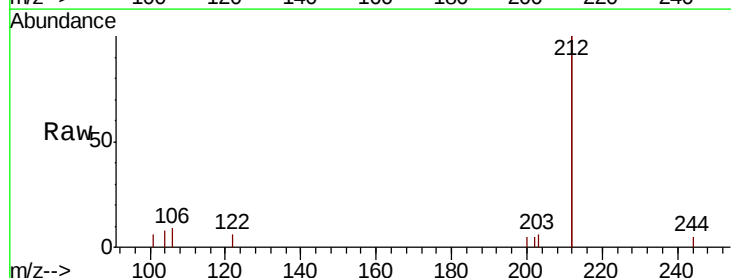
Instrument :
 BNA_E
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 MW-4 061219

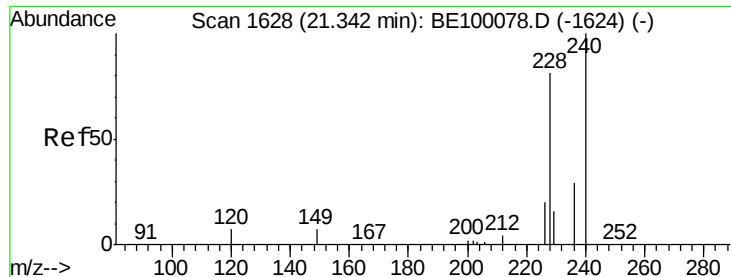
Tgt Ion: 266 Resp: 7
 Ion Ratio Lower Upper
 266 100
 264 91.7 67.8 101.6
 268 100.0 70.0 105.0



#25
 Fluoranthene-d10
 Concen: 0.038 ng
 RT: 19.19 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BE100123.D
 Acq: 21 Jun 2019 00:53

Tgt Ion: 212 Resp: 3150
 Ion Ratio Lower Upper
 212 100
 106 2.0 1.4 2.0
 104 1.5 0.8 1.2#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100123.D

Acq: 21 Jun 2019 00:53

Instrument :

BNA_E

ClientSampleId :

MW-4 061219

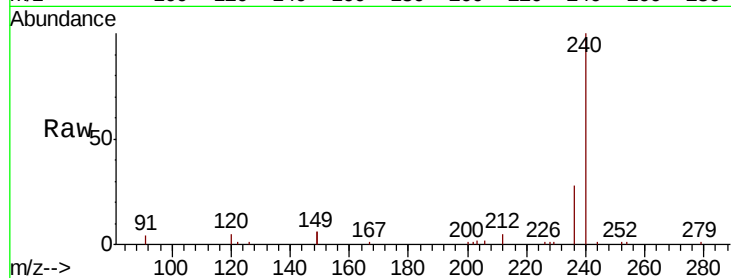
Tgt Ion:240 Resp: 9211

Ion Ratio Lower Upper

240 100

120 4.9 6.6 10.0#

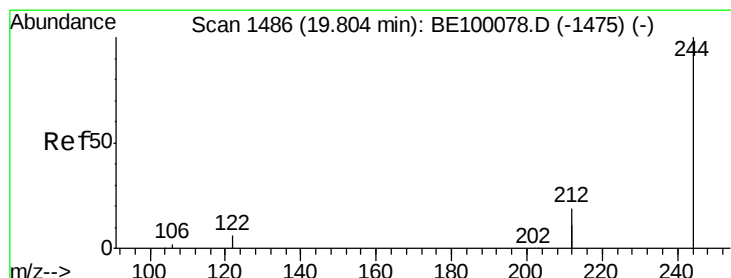
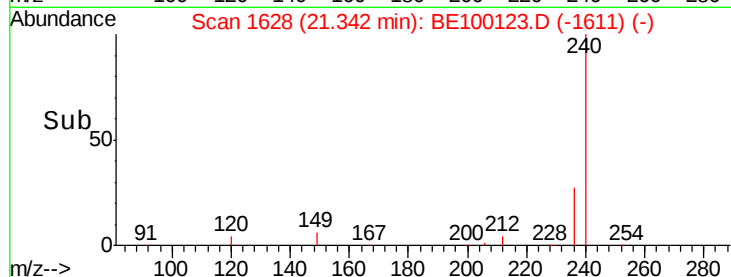
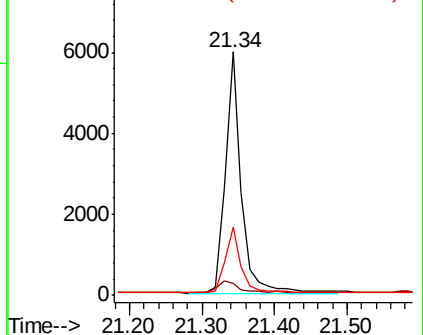
236 27.9 23.8 35.6



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: 0.558 ng

RT: 19.79 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BE100123.D

Acq: 21 Jun 2019 00:53

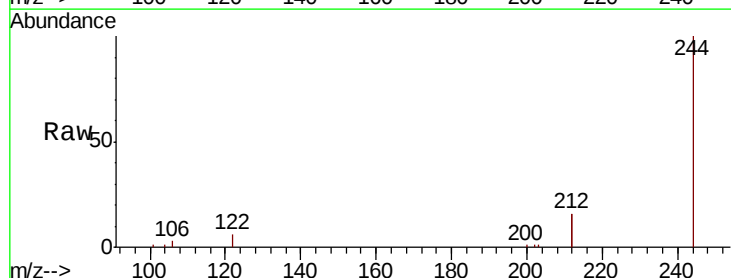
Tgt Ion:244 Resp: 10281

Ion Ratio Lower Upper

244 100

212 31.8 29.8 44.8

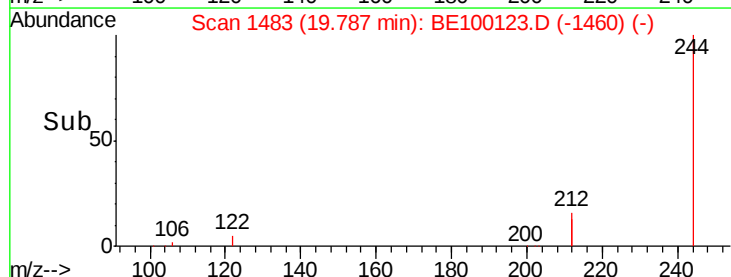
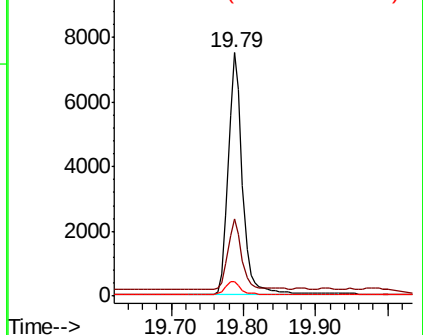
122 6.2 6.1 9.1

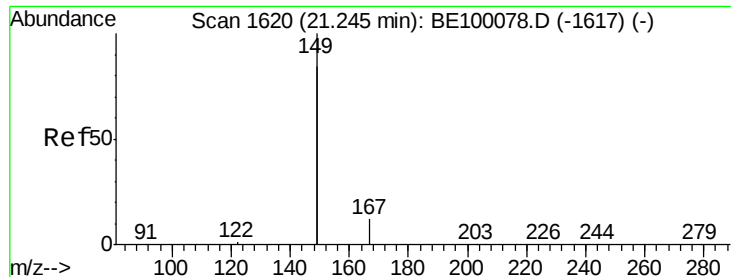


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

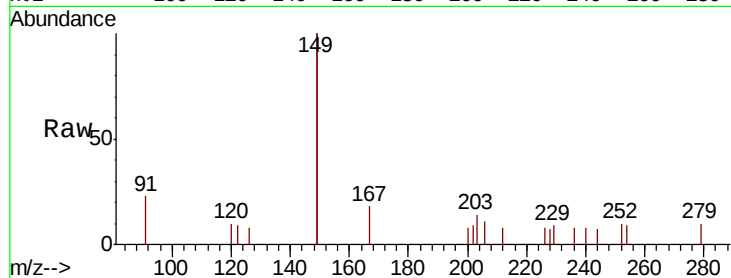




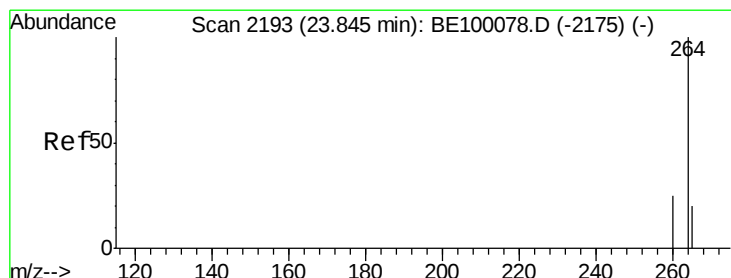
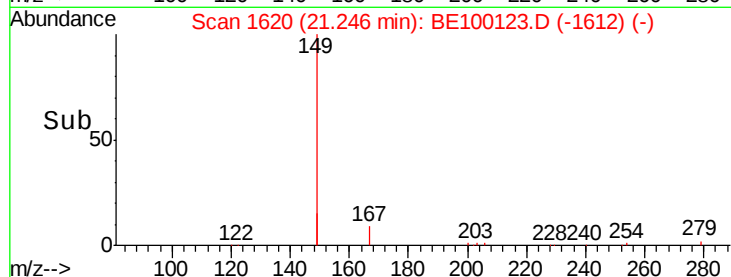
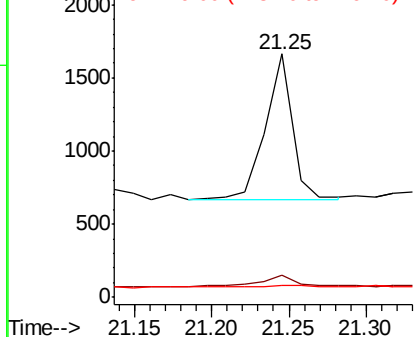
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.047 ng
 RT: 21.25 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BE100123.D
 Acq: 21 Jun 2019 00:53

Instrument :
 BNA_E
 ClientSampleId :
 MW-4 061219

Tgt Ion:149 Resp: 1204
 Ion Ratio Lower Upper
 149 100
 167 11.5 5.8 8.6#
 279 1.8 1.1 1.7#

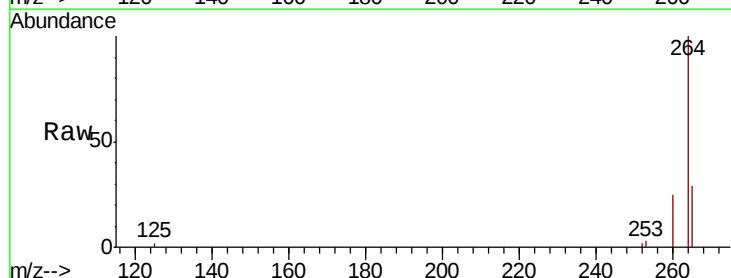


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.83 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BE100123.D
 Acq: 21 Jun 2019 00:53

Tgt Ion:264 Resp: 10893
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.8 31.2
 265 28.5 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

