

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
 Data File : BE100122.D
 Acq On : 21 Jun 2019 00:17
 Operator : JU/SJ
 Sample : K3345-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-1 061219

Quant Time: Jun 21 01:47:15 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	658	0.40	ng	-0.01
7) Naphthalene-d8	10.52	136	2544	0.40	ng	-0.01
13) Acenaphthene-d10	14.40	164	4017	0.40	ng	-0.01
19) Phenanthrene-d10	17.15	188	7446	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	9661	0.40	ng	0.00
34) Perylene-d12	23.83	264	11087	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.28	112	424	0.31	ng	-0.02
5) Phenol-d6	6.93	99	621	0.33	ng	0.00
8) Nitrobenzene-d5	9.02	82	447	0.18	ng	0.10
11) 2-Methylnaphthalene-d10	12.35	152	1534	0.32	ng	0.20
14) 2,4,6-Tribromophenol	15.90	330	765	0.34	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	4266	0.27	ng	-0.03
25) Fluoranthene-d10	19.21	212	3517	0.03	ng	0.02
29) Terphenyl-d14	19.79	244	11004	0.57	ng	-0.02

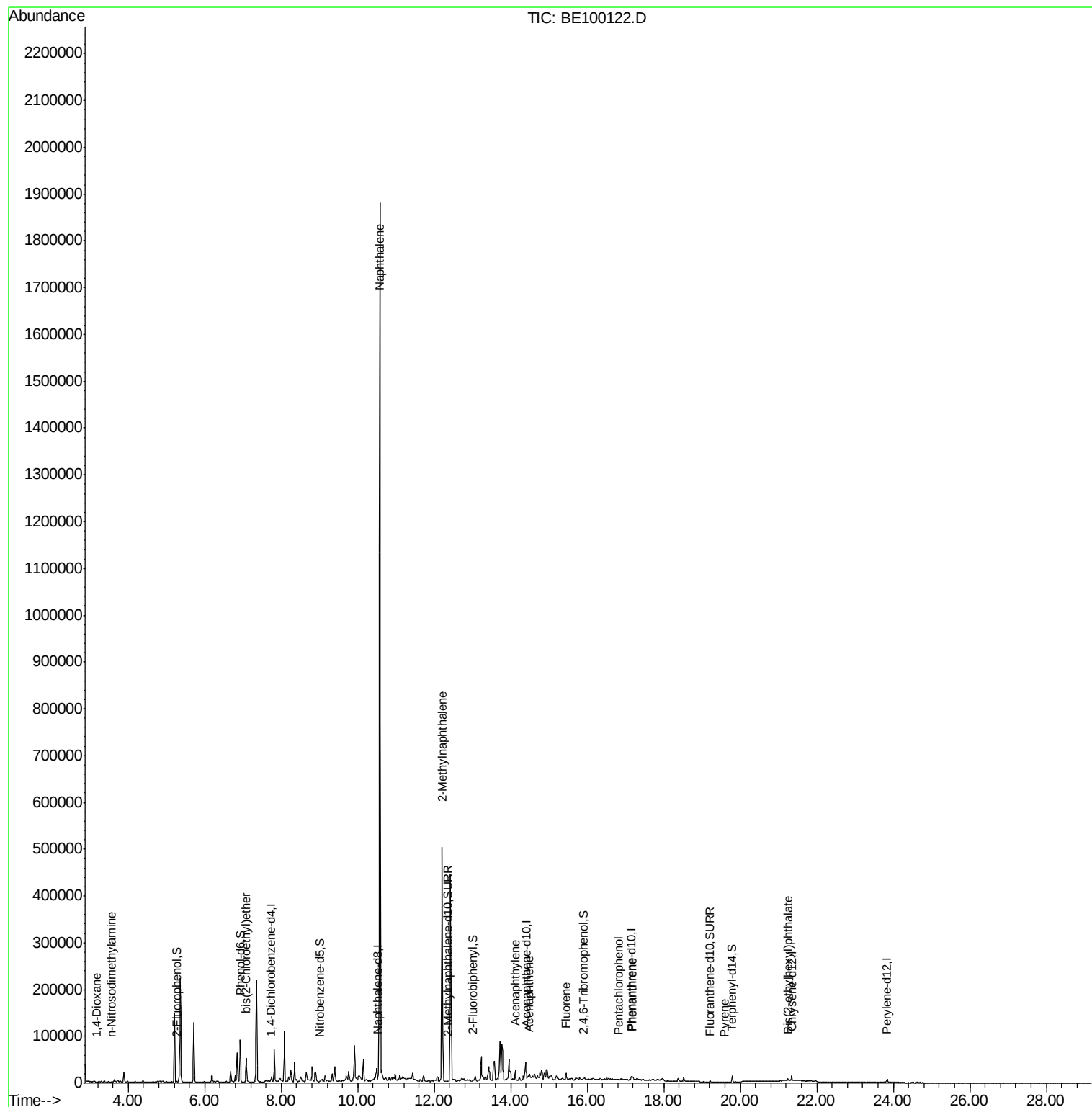
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.17	88	66	0.063	ng	# 1
3) n-Nitrosodimethylamine	3.55	42	102	0.488	ng	# 100
6) bis(2-Chloroethyl)ether	7.09	93	1730	0.928	ng	# 1
9) Naphthalene	10.58	128	2934373	106.145	ng	# 97
12) 2-Methylnaphthalene	12.21	142	342187	75.270	ng	# 95
16) Acenaphthylene	14.13	152	2657	0.139	ng	# 1
17) Acenaphthene	14.47	154	2818	0.264	ng	# 71
18) Fluorene	15.45	166	10387	0.654	ng	# 91
22) Pentachlorophenol	16.81	266	18	0.254	ng	# 89
23) Phenanthrene	17.19	178	4219	0.236	ng	# 85
28) Pyrene	19.59	202	557	0.022	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.24	149	4702	0.173	ng	# 99

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

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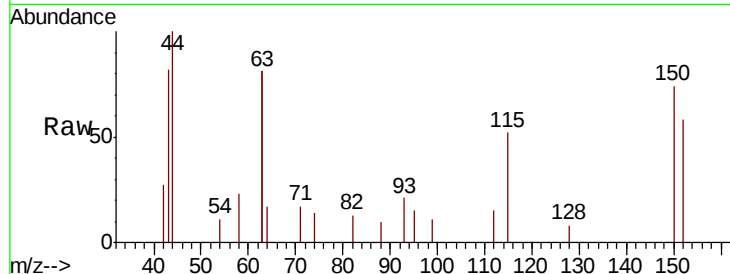


#1

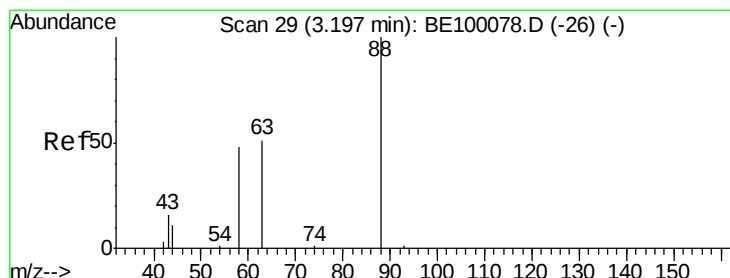
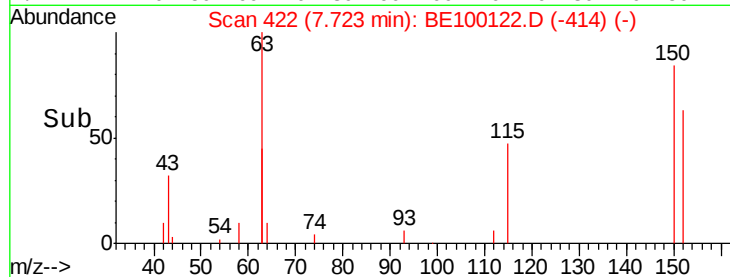
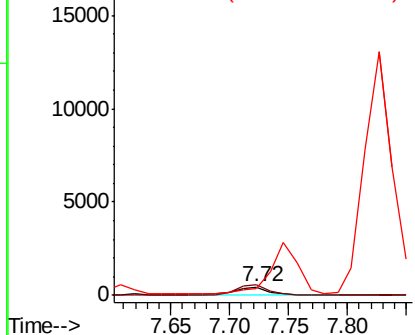
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100122.D
Acq: 21 Jun 2019 00:17

Instrument :
BNA_E
ClientSampleId :
PR-MW-1_061219

Tgt Ion: 152 Resp: 658
Ion Ratio Lower Upper
152 100
150 128.6 99.8 149.8
115 90.5 51.3 76.9#



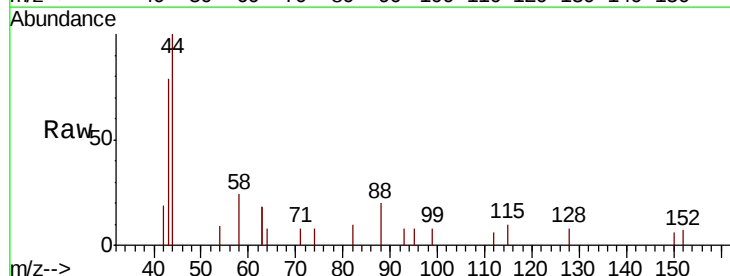
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



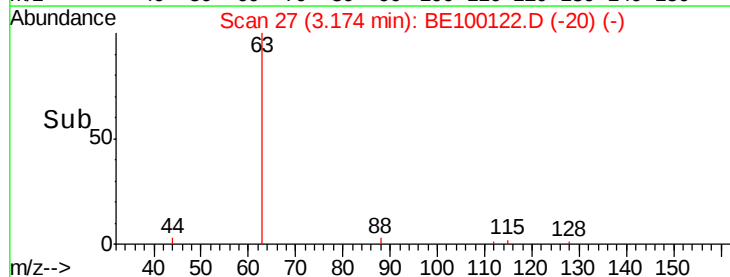
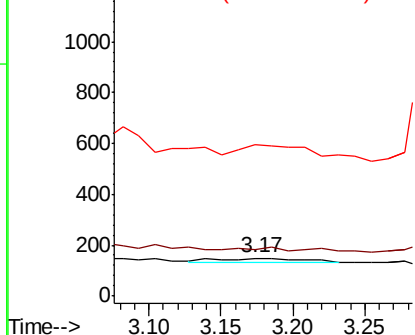
#2

1,4-Dioxane
Concen: 0.063 ng
RT: 3.17 min Scan# 27
Delta R.T. -0.02 min
Lab File: BE100122.D
Acq: 21 Jun 2019 00:17

Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
58 13.6 51.1 76.7#
43 204.5 21.7 32.5#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1

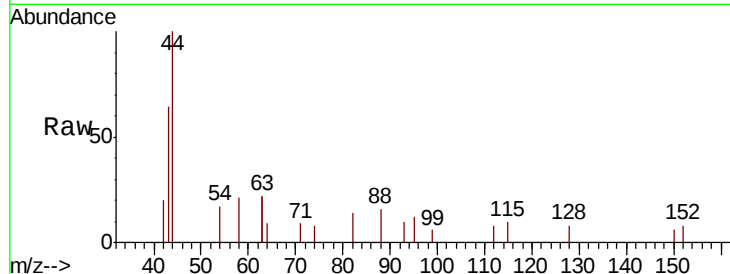




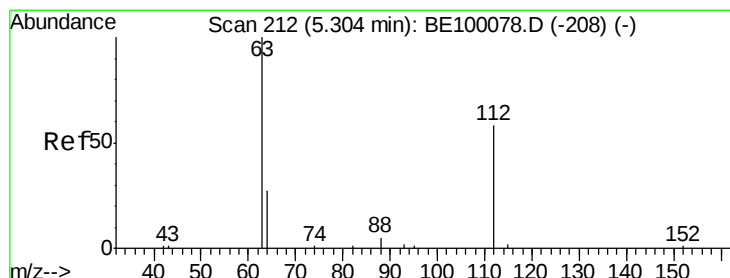
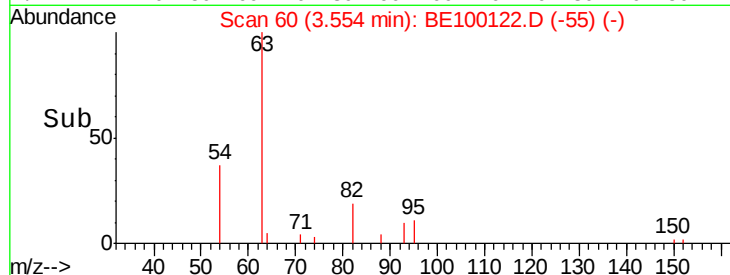
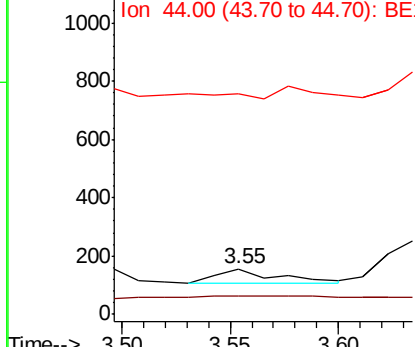
#3
n-Nitrosodimethylamine
Concen: 0.488 ng
RT: 3.55 min Scan# 60
Delta R.T. -0.05 min
Lab File: BE100122.D
Acq: 21 Jun 2019 00:17

Instrument :
BNA_E
ClientSampleId :
PR-MW-1_061219

Tgt Ion: 42 Resp: 102
Ion Ratio Lower Upper
42 100
74 0.0 0.0 0.0
44 0.0 0.0 0.0

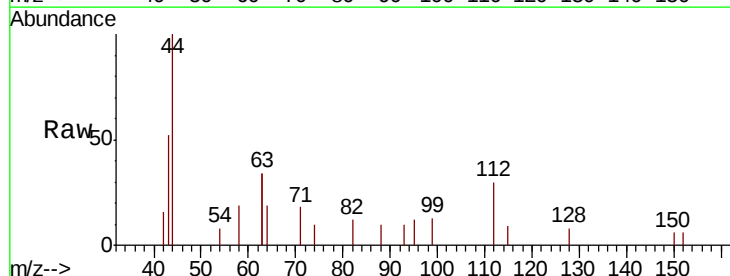


Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1

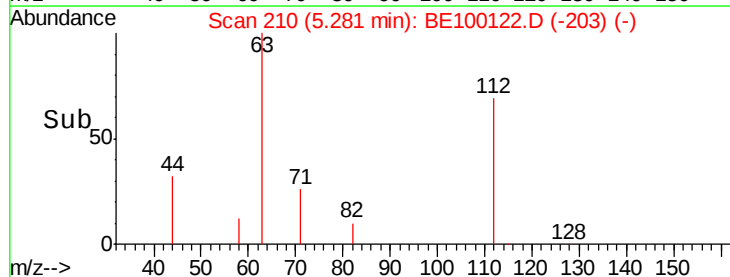
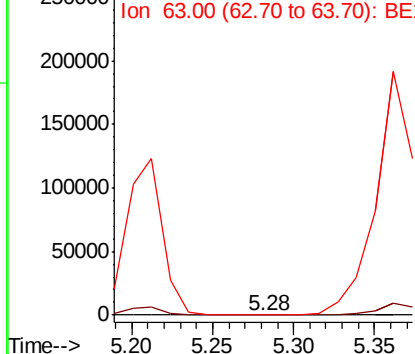


#4
2-Fluorophenol
Concen: 0.311 ng
RT: 5.28 min Scan# 210
Delta R.T. -0.02 min
Lab File: BE100122.D
Acq: 21 Jun 2019 00:17

Tgt Ion: 112 Resp: 424
Ion Ratio Lower Upper
112 100
64 0.0 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: 0.331 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100122.D

Acq: 21 Jun 2019 00:17

Instrument :

BNA_E

ClientSampleId :

PR-MW-1_061219

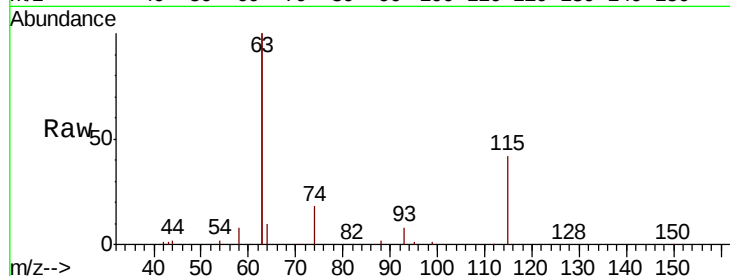
Tgt Ion: 99 Resp: 621

Ion Ratio Lower Upper

99 100

42 81.5 0.0 0.0#

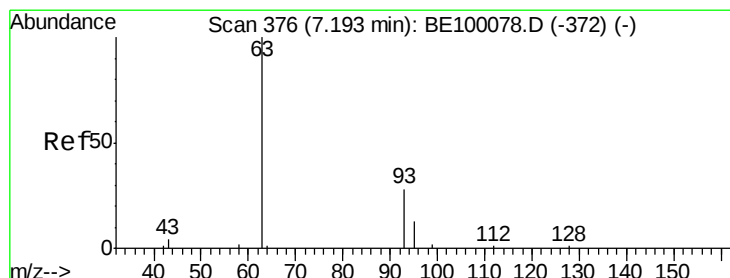
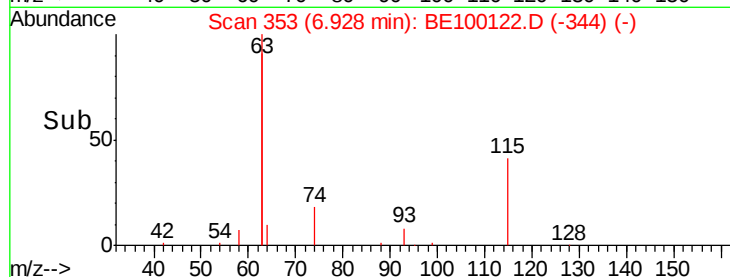
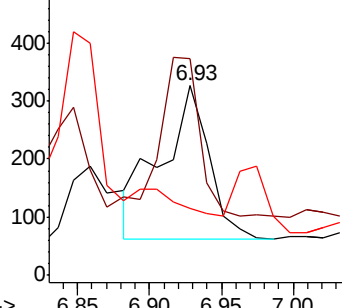
71 0.0 37.6 56.4#



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: 0.928 ng

RT: 7.09 min Scan# 367

Delta R.T. -0.10 min

Lab File: BE100122.D

Acq: 21 Jun 2019 00:17

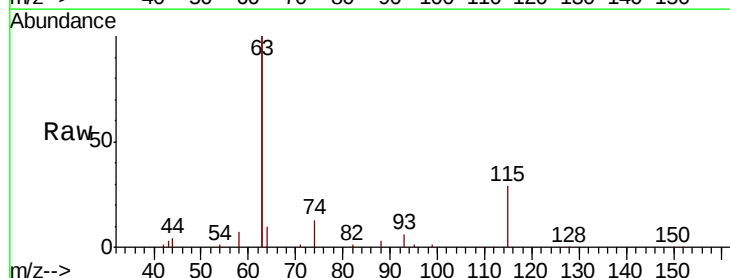
Tgt Ion: 93 Resp: 1730

Ion Ratio Lower Upper

93 100

63 3265.7 200.0 300.0#

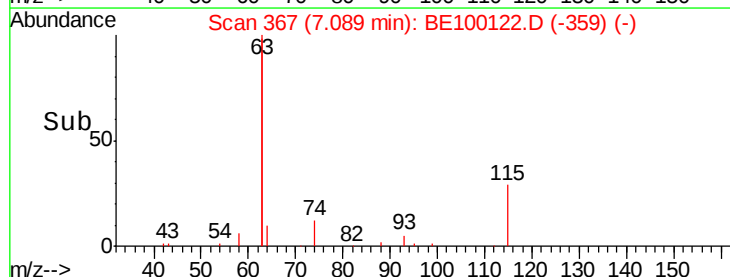
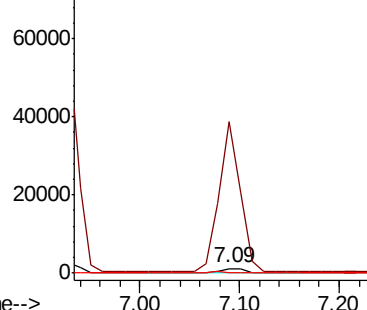
95 23.9 24.0 36.0#



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: 10.52 min Scan# 643

Delta R.T. -0.01 min

Lab File: BE100122.D

Acq: 21 Jun 2019 00:17

Instrument :

BNA_E

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PR-MW-1 061219

Tgt Ion: 136 Resp: 2544

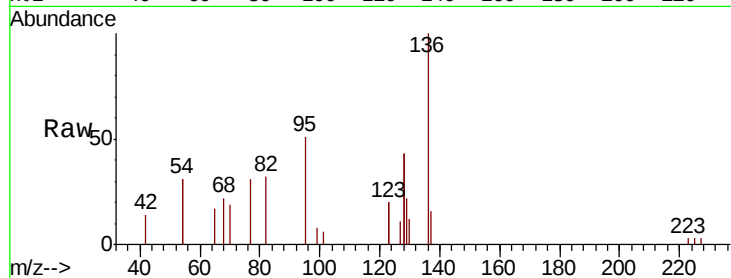
Ion Ratio Lower Upper

136 100

137 16.3 11.6 17.4

54 61.1 33.9 50.9#

68 22.1 7.8 11.8#



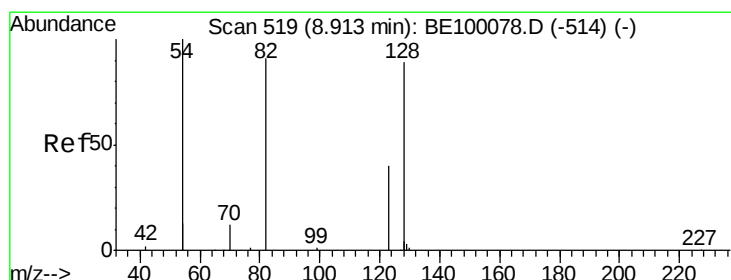
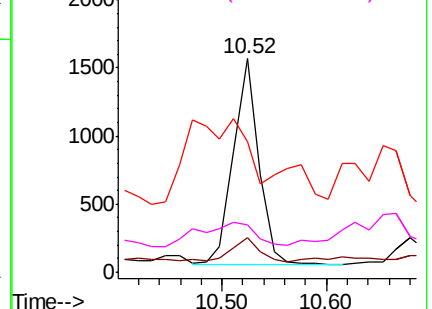
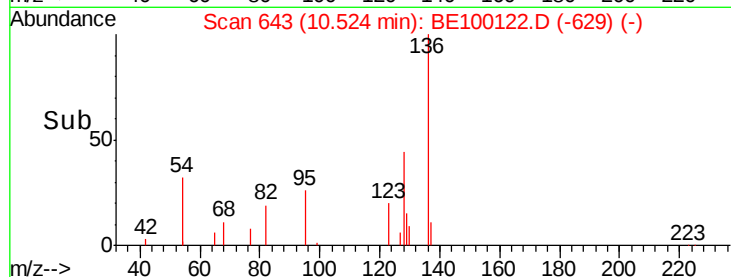
Abundance

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: 0.181 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.10 min

Lab File: BE100122.D

Acq: 21 Jun 2019 00:17

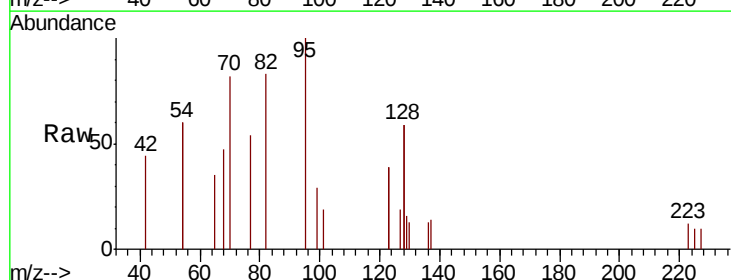
Tgt Ion: 82 Resp: 447

Ion Ratio Lower Upper

82 100

128 142.9 128.0 192.0

54 146.2 143.4 215.0

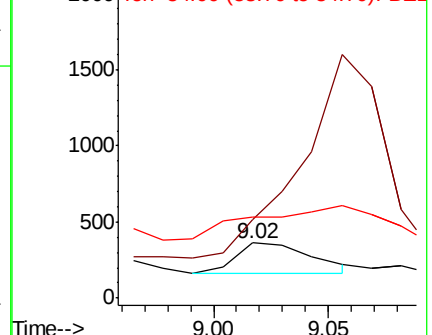
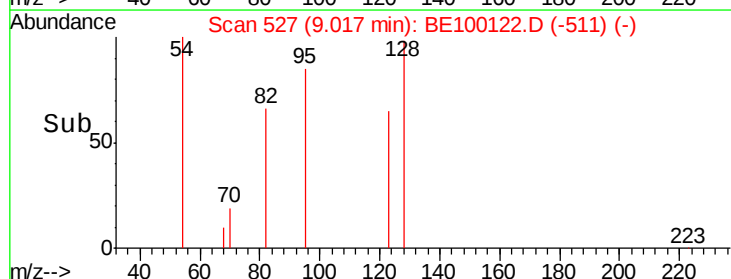


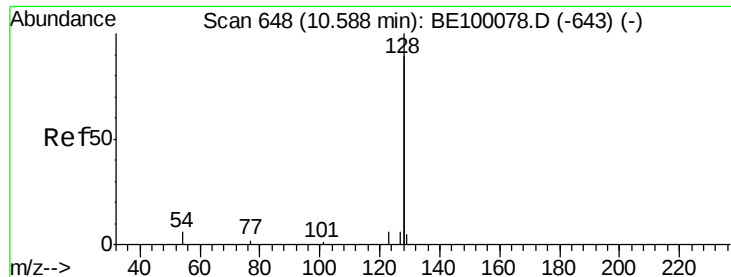
Abundance

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: 106.145 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100122.D

Acq: 21 Jun 2019 00:17

Instrument :

BNA_E

ClientSampleId :

PR-MW-1 061219

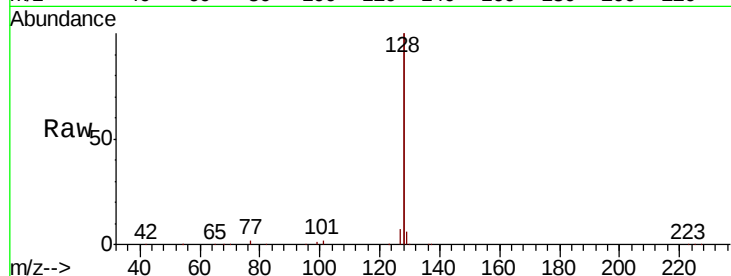
Tgt Ion:128 Resp: 2934373

Ion Ratio Lower Upper

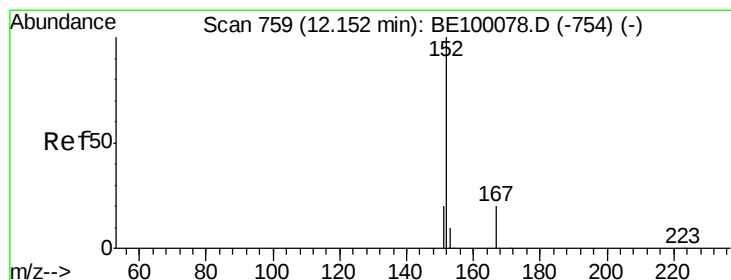
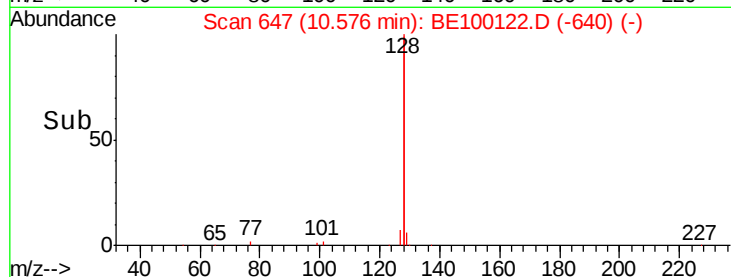
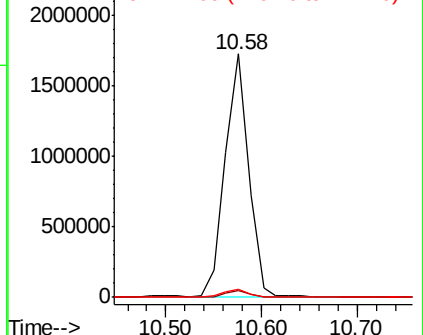
128 100

129 2.9 3.1 4.7#

127 3.4 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



#11

2-Methylnaphthalene-d10

Concen: 0.317 ng

RT: 12.35 min Scan# 773

Delta R.T. 0.20 min

Lab File: BE100122.D

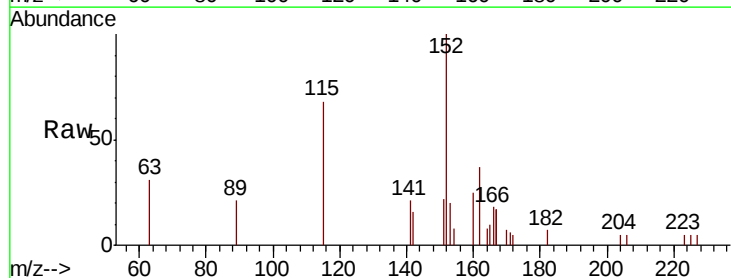
Acq: 21 Jun 2019 00:17

Tgt Ion:152 Resp: 1534

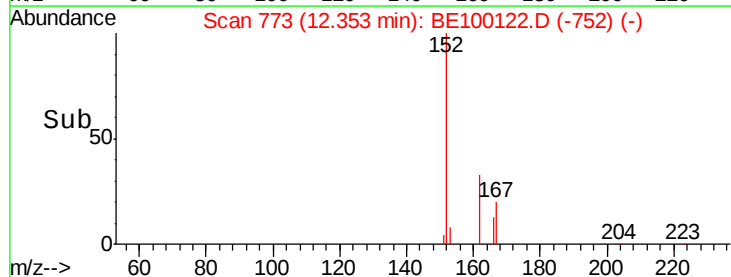
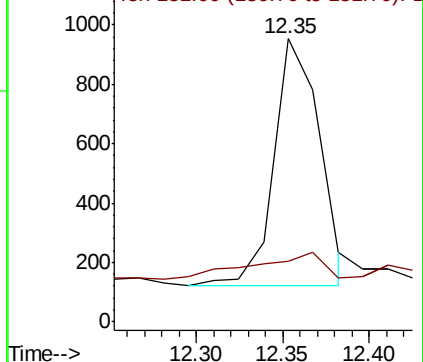
Ion Ratio Lower Upper

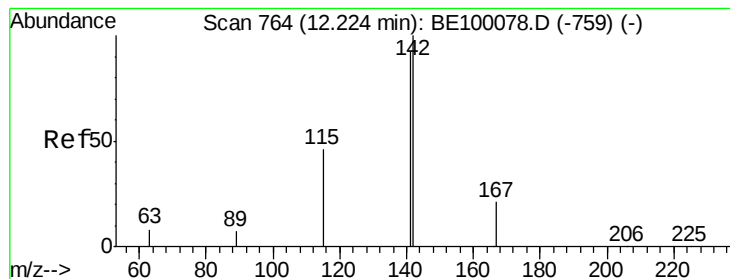
152 100

151 16.4 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: 75.270 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE100122.D

Acq: 21 Jun 2019 00:17

Instrument :

BNA_E

ClientSampleId :

PR-MW-1 061219

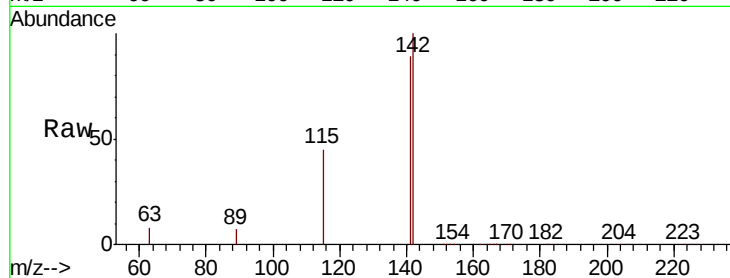
Tgt Ion:142 Resp: 342187

Ion Ratio Lower Upper

142 100

141 88.9 74.1 111.1

115 45.2 40.9 61.3

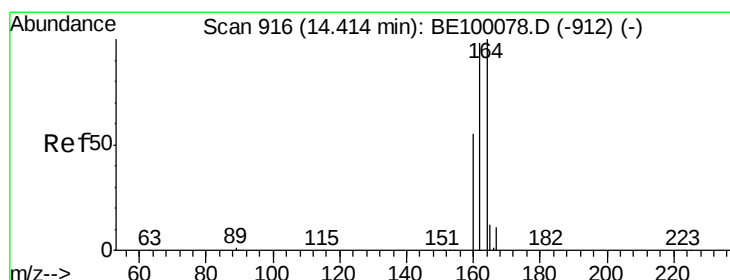
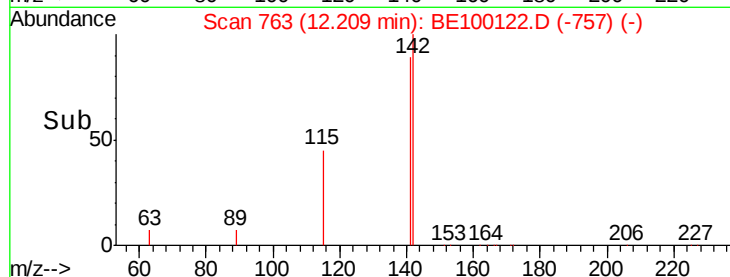
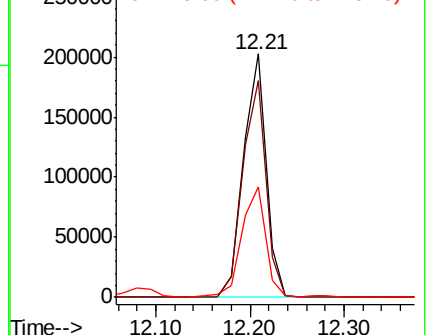


Abundance

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: 14.40 min Scan# 915

Delta R.T. -0.01 min

Lab File: BE100122.D

Acq: 21 Jun 2019 00:17

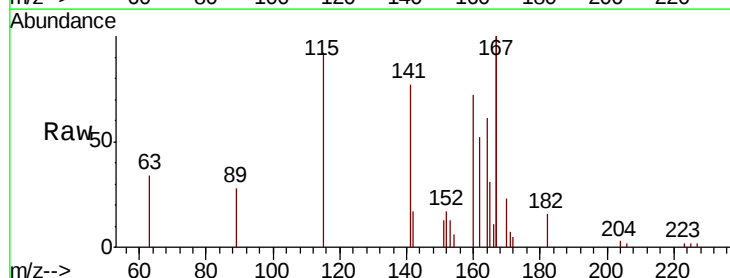
Tgt Ion:164 Resp: 4017

Ion Ratio Lower Upper

164 100

162 84.7 78.2 117.2

160 118.2 45.6 68.4#

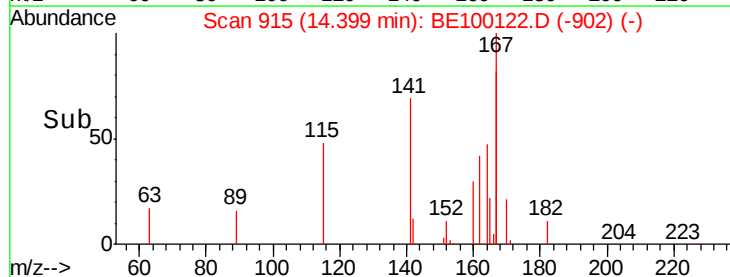
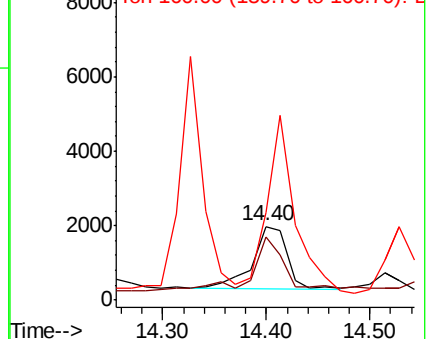


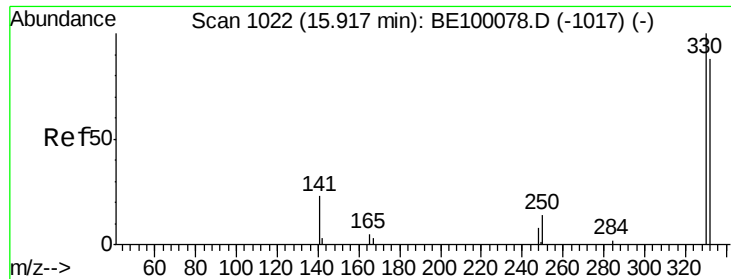
Abundance

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

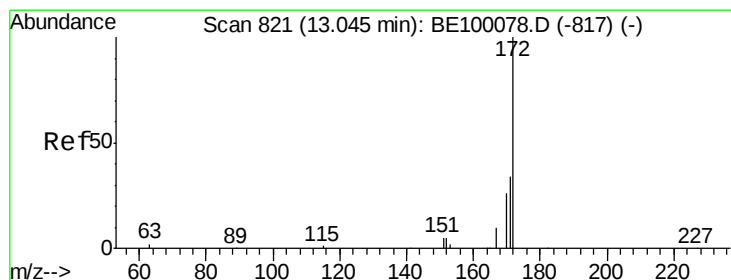
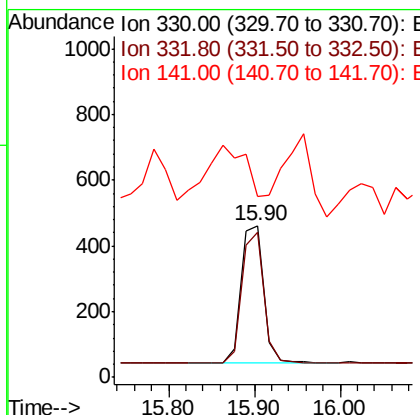
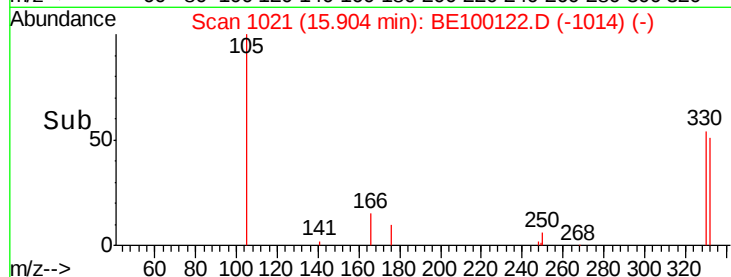
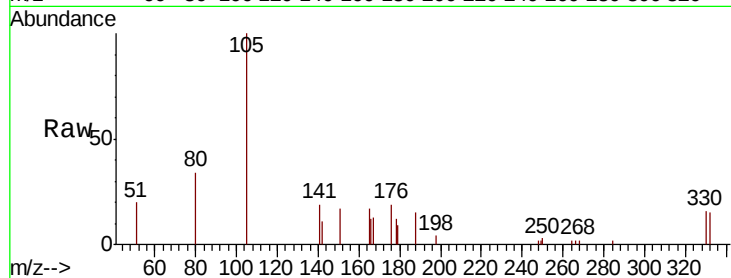




#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 15.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BE100122.D
Acq: 21 Jun 2019 00:17

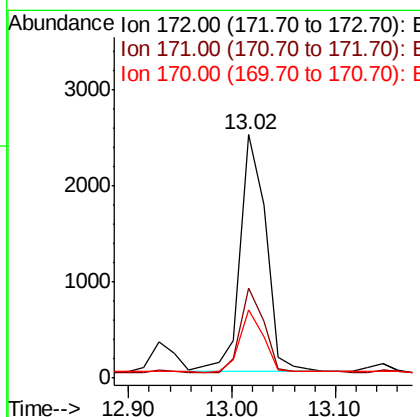
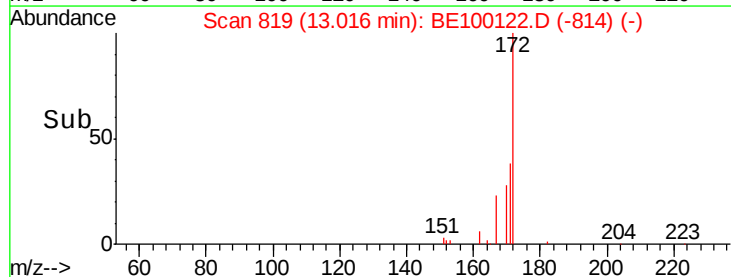
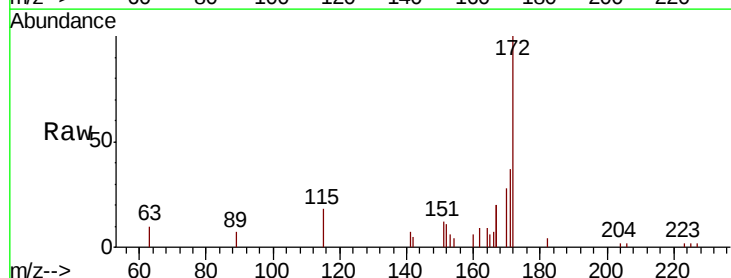
Instrument :
BNA_E
ClientSampleId :
PR-MW-1_061219

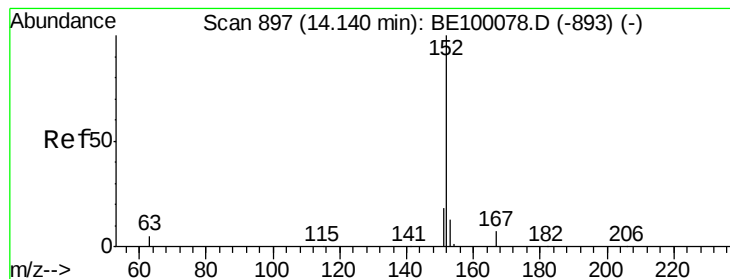
Tgt Ion: 330 Resp: 765
Ion Ratio Lower Upper
330 100
332 92.4 73.3 109.9
141 0.0 22.2 33.2#



#15
2-Fluorobiphenyl
Concen: 0.270 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.03 min
Lab File: BE100122.D
Acq: 21 Jun 2019 00:17

Tgt Ion: 172 Resp: 4266
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.8
170 27.8 23.2 34.8





#16

Acenaphthylene

Concen: 0.139 ng

RT: 14.13 min Scan# 896

Delta R.T. -0.01 min

Lab File: BE100122.D

Acq: 21 Jun 2019 00:17

Instrument :

BNA_E

ClientSampleId :

PR-MW-1 061219

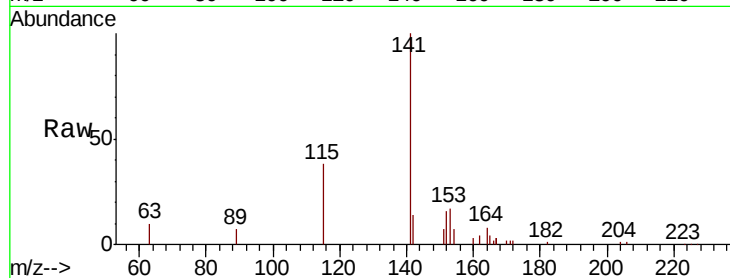
Tgt Ion:152 Resp: 2657

Ion Ratio Lower Upper

152 100

151 31.5 15.9 23.9#

153 124.4 10.1 15.1#

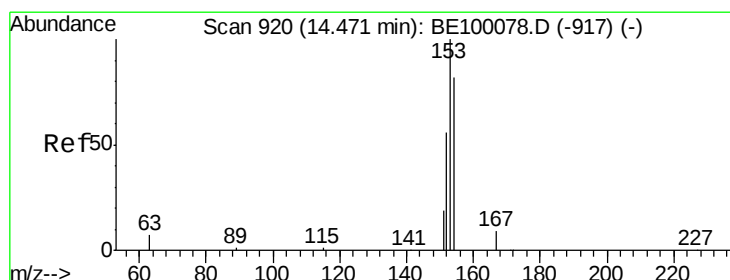
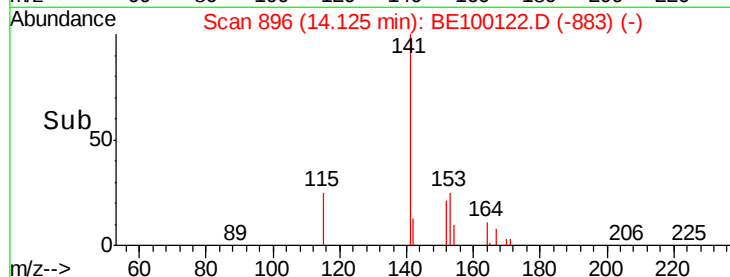
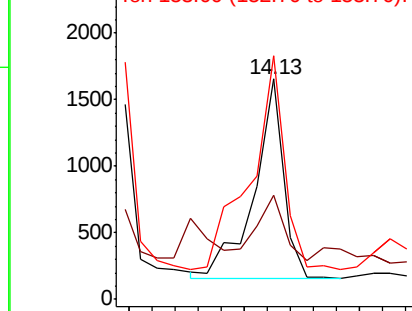


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.264 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE100122.D

Acq: 21 Jun 2019 00:17

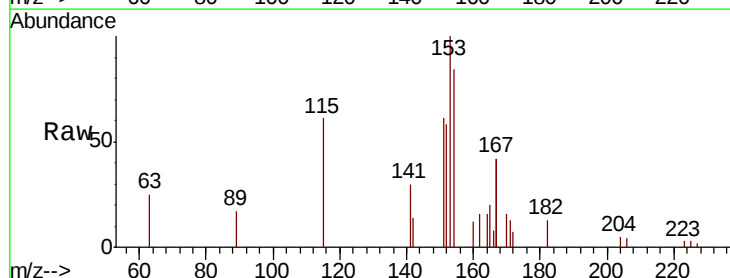
Tgt Ion:154 Resp: 2818

Ion Ratio Lower Upper

154 100

153 142.0 95.5 143.3

152 104.0 54.9 82.3#

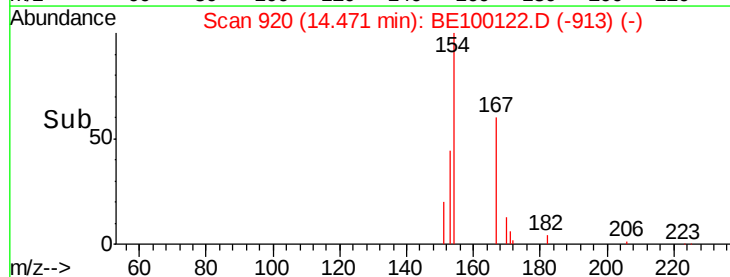
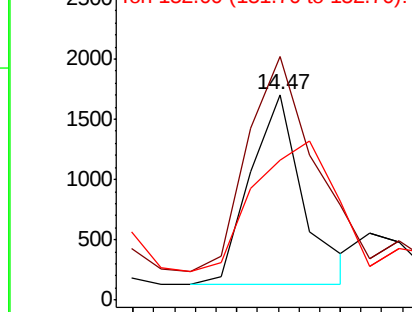


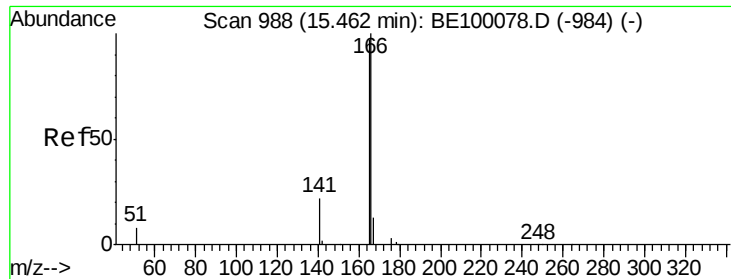
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

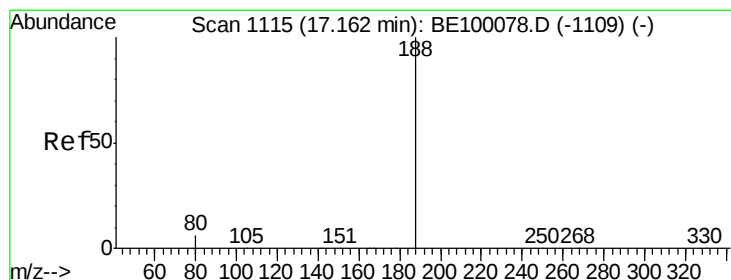
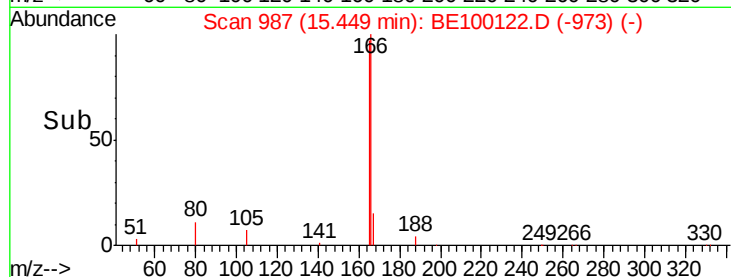
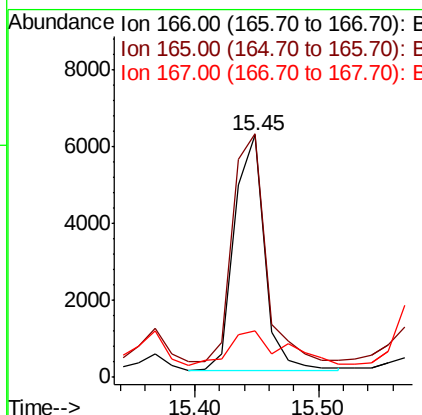
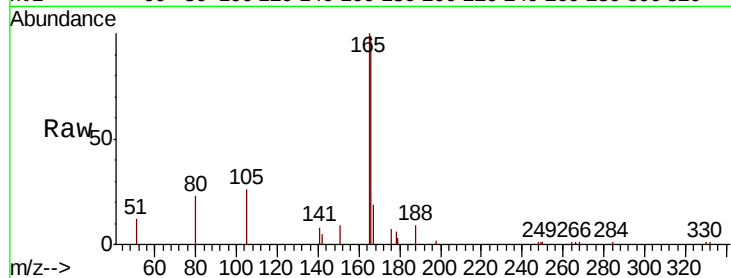




#18
Fluorene
 Concen: 0.654 ng
 RT: 15.45 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BE100122.D
 Acq: 21 Jun 2019 00:17

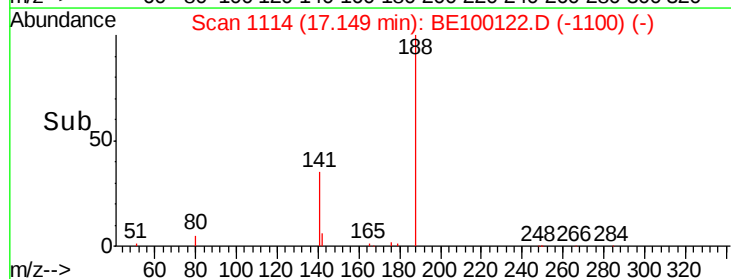
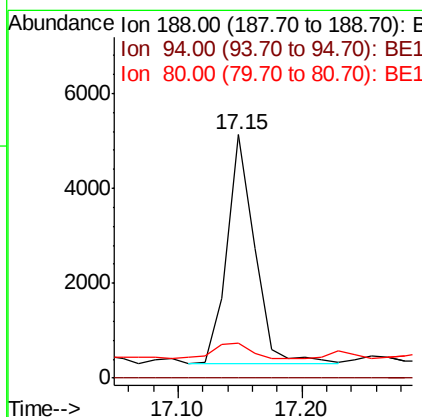
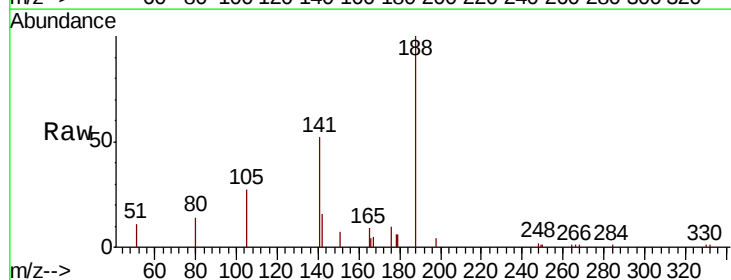
Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-1 061219

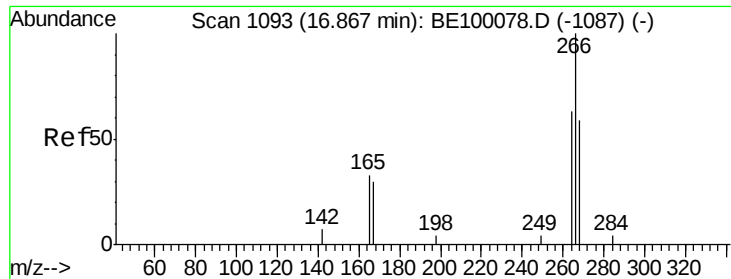
Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.1	79.8	119.8
167	26.4	10.2	15.4#



#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.15 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BE100122.D
 Acq: 21 Jun 2019 00:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.4	6.3	9.5#





#22

Pentachlorophenol

Concen: 0.254 ng

RT: 16.81 min Scan# 1089

Delta R.T. -0.05 min

Lab File: BE100122.D

Acq: 21 Jun 2019 00:17

Instrument :

BNA_E

ClientSampleId :

PR-MW-1_061219

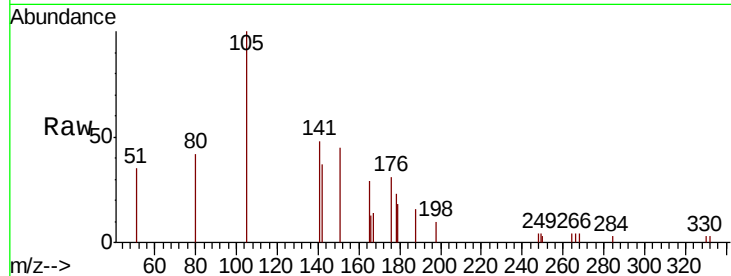
Tgt Ion: 266 Resp: 18

Ion Ratio Lower Upper

266 100

264 93.7 67.8 101.6

268 98.4 70.0 105.0

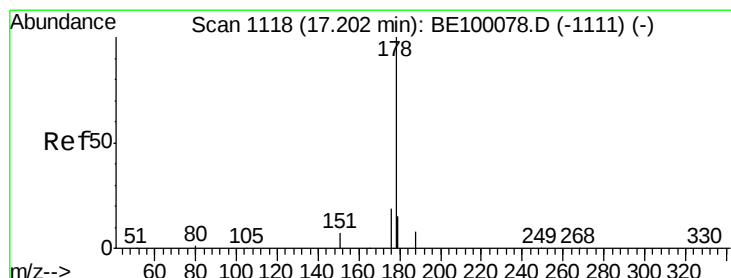
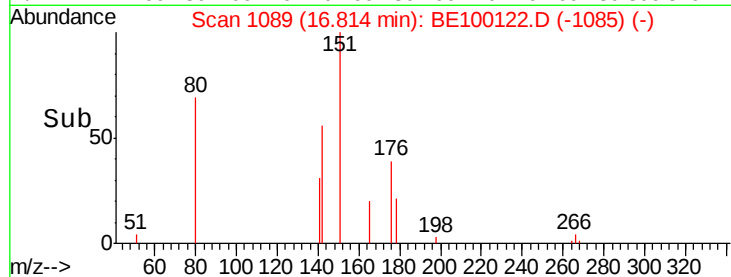
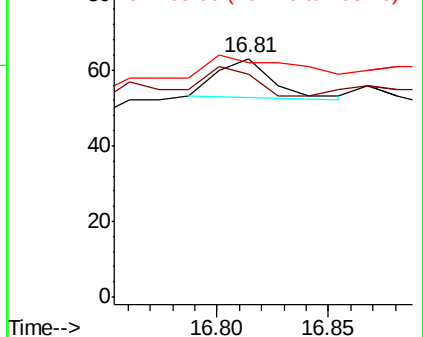


Abundance

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



#23

Phenanthrene

Concen: 0.236 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100122.D

Acq: 21 Jun 2019 00:17

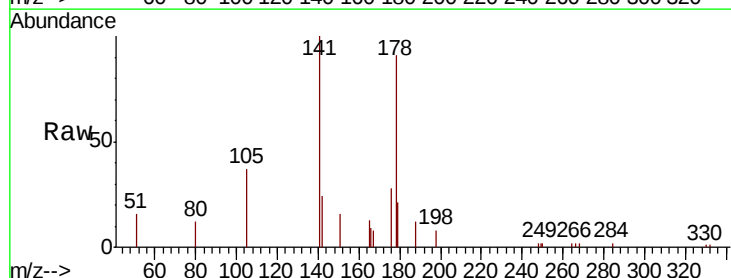
Tgt Ion: 178 Resp: 4219

Ion Ratio Lower Upper

178 100

176 25.8 15.9 23.9#

179 24.1 13.1 19.7#

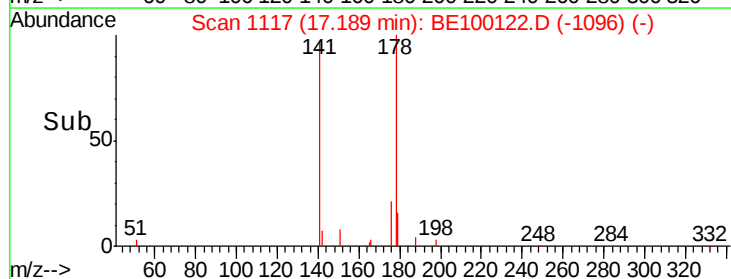
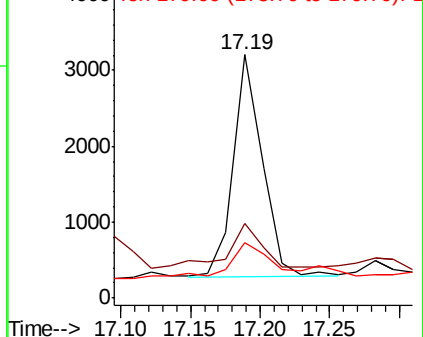


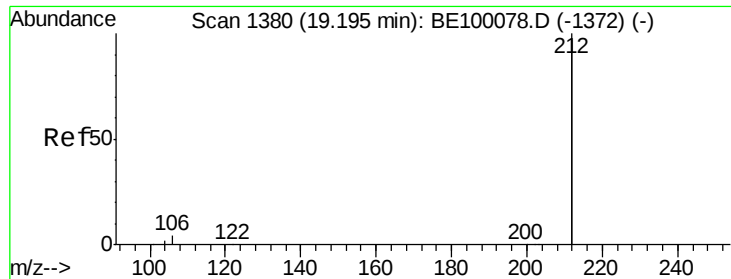
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.033 ng

RT: 19.21 min Scan# 1383

Delta R.T. 0.02 min

Lab File: BE100122.D

Acq: 21 Jun 2019 00:17

Instrument :

BNA_E

ClientSampleId :

PR-MW-1 061219

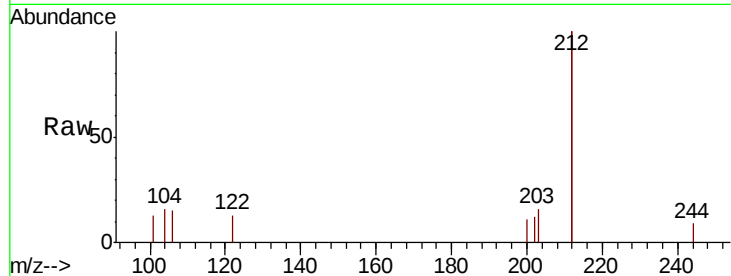
Tgt Ion:212 Resp: 3517

Ion Ratio Lower Upper

212 100

106 2.7 1.4 2.0#

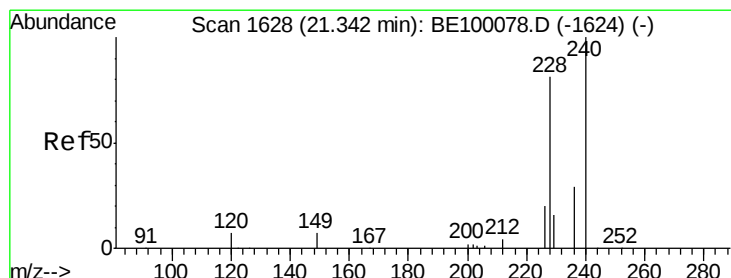
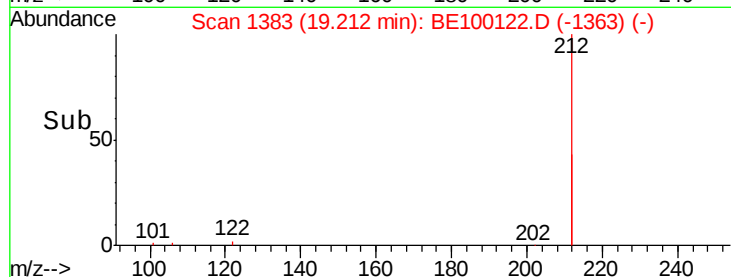
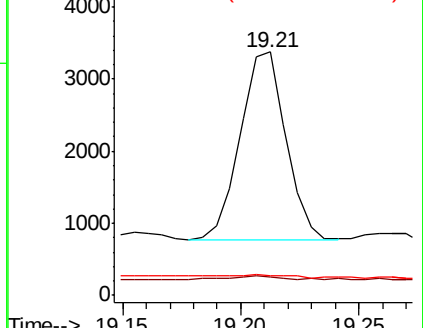
104 0.0 0.8 1.2#



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: BE100122.D

Acq: 21 Jun 2019 00:17

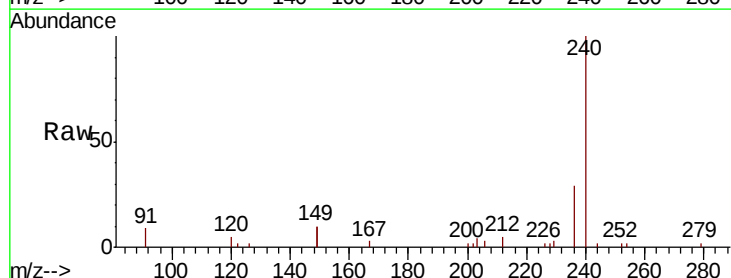
Tgt Ion:240 Resp: 9661

Ion Ratio Lower Upper

240 100

120 4.9 6.6 10.0#

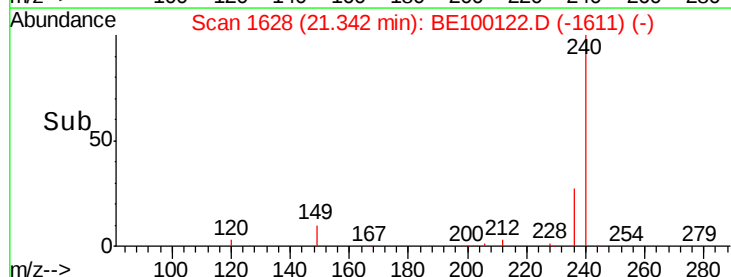
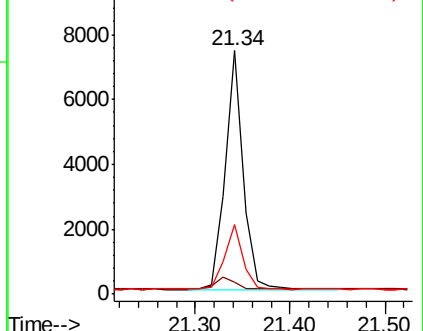
236 28.8 23.8 35.6

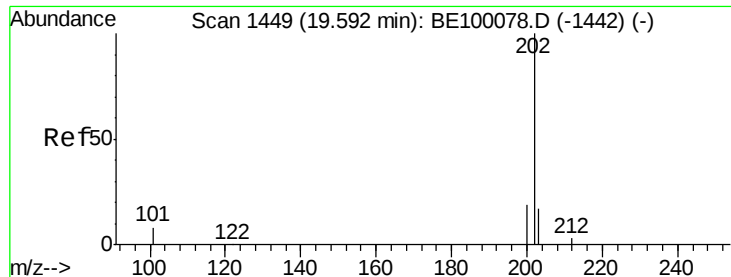


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pyrene

Concen: 0.022 ng

RT: 19.59 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BE100122.D

Acq: 21 Jun 2019 00:17

Instrument :

BNA_E

ClientSampleId :

PR-MW-1_061219

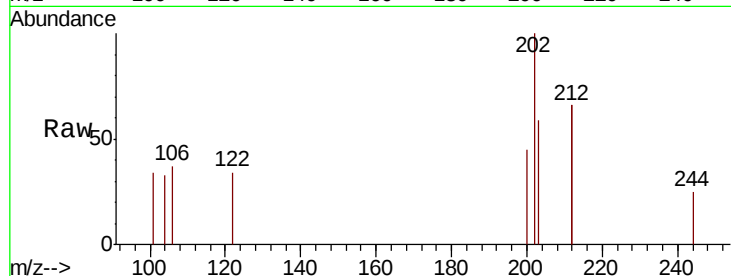
Tgt Ion: 202 Resp: 557

Ion Ratio Lower Upper

202 100

200 19.7 15.6 23.4

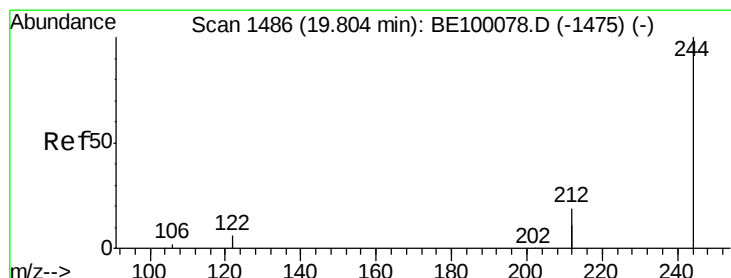
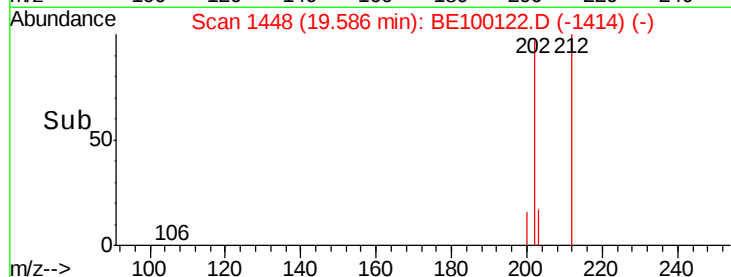
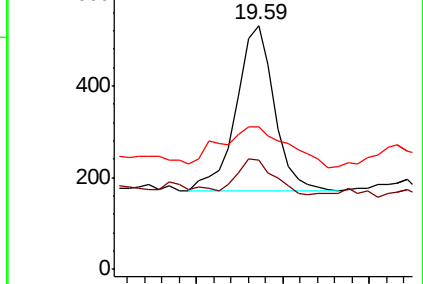
203 42.2 13.9 20.9#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.570 ng

RT: 19.79 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BE100122.D

Acq: 21 Jun 2019 00:17

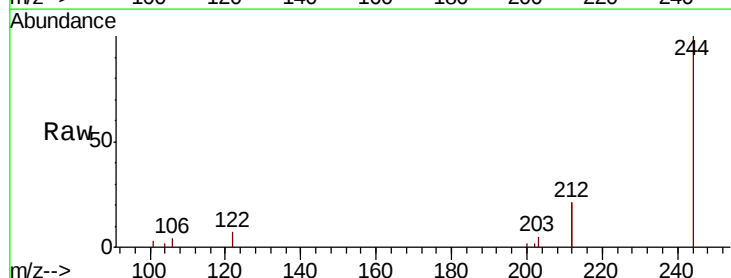
Tgt Ion: 244 Resp: 11004

Ion Ratio Lower Upper

244 100

212 41.5 29.8 44.8

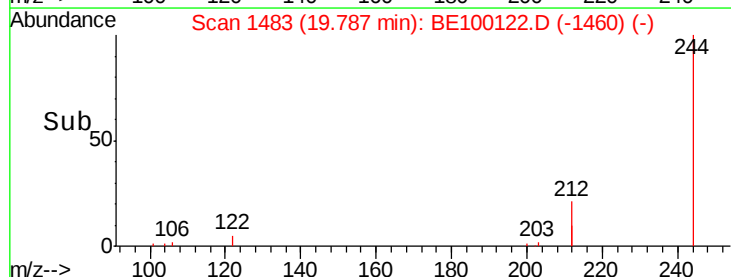
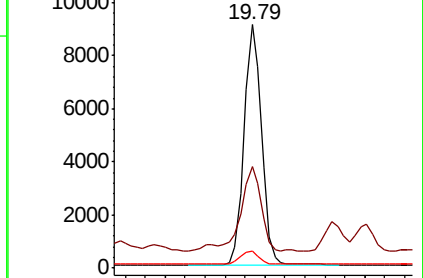
122 6.9 6.1 9.1

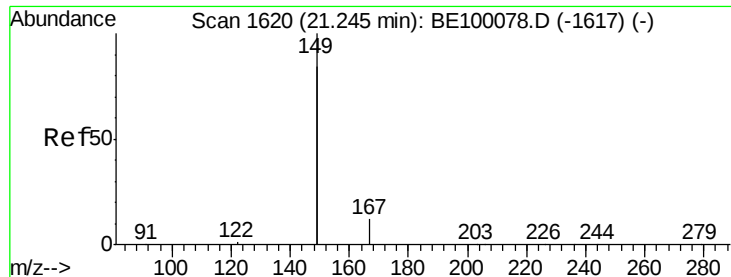


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

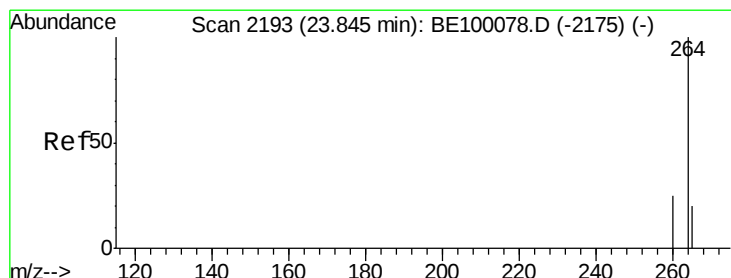
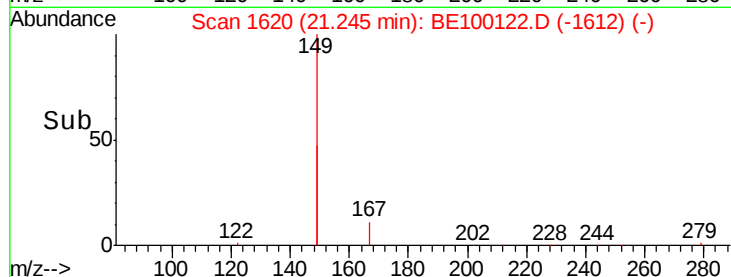
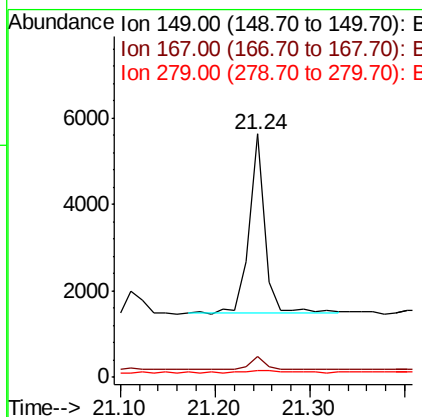
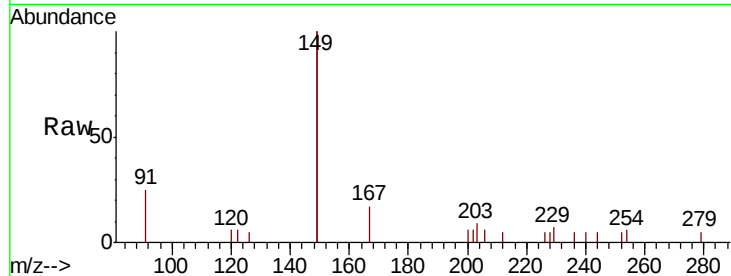




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.173 ng
 RT: 21.24 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BE100122.D
 Acq: 21 Jun 2019 00:17

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-1 061219

Tgt Ion:149 Resp: 4702
 Ion Ratio Lower Upper
 149 100
 167 7.6 5.8 8.6
 279 2.5 1.1 1.7#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.83 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BE100122.D
 Acq: 21 Jun 2019 00:17

Tgt Ion:264 Resp: 11087
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.8 31.2
 265 29.0 23.2 34.8

