

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
 Data File : BE100118.D
 Acq On : 20 Jun 2019 21:51
 Operator : JU/SJ
 Sample : K3345-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-6_061119

Quant Time: Jun 21 01:46:34 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	553	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	1913	0.40	ng	0.00
13) Acenaphthene-d10	14.41	164	1608	0.40	ng	0.00
19) Phenanthrene-d10	17.16	188	5450	0.40	ng	0.00
27) Chrysene-d12	21.34	240	9300	0.40	ng	0.00
34) Perylene-d12	23.83	264	11127	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.29	112	238	0.21	ng	-0.01
5) Phenol-d6	6.92	99	180	0.11	ng	-0.01
8) Nitrobenzene-d5	8.92	82	647	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.15	152	1175	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.92	330	402	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.04	172	3158	0.50	ng	0.00
25) Fluoranthene-d10	19.19	212	28561	0.37	ng	0.00
29) Terphenyl-d14	19.79	244	9177	0.49	ng	-0.02

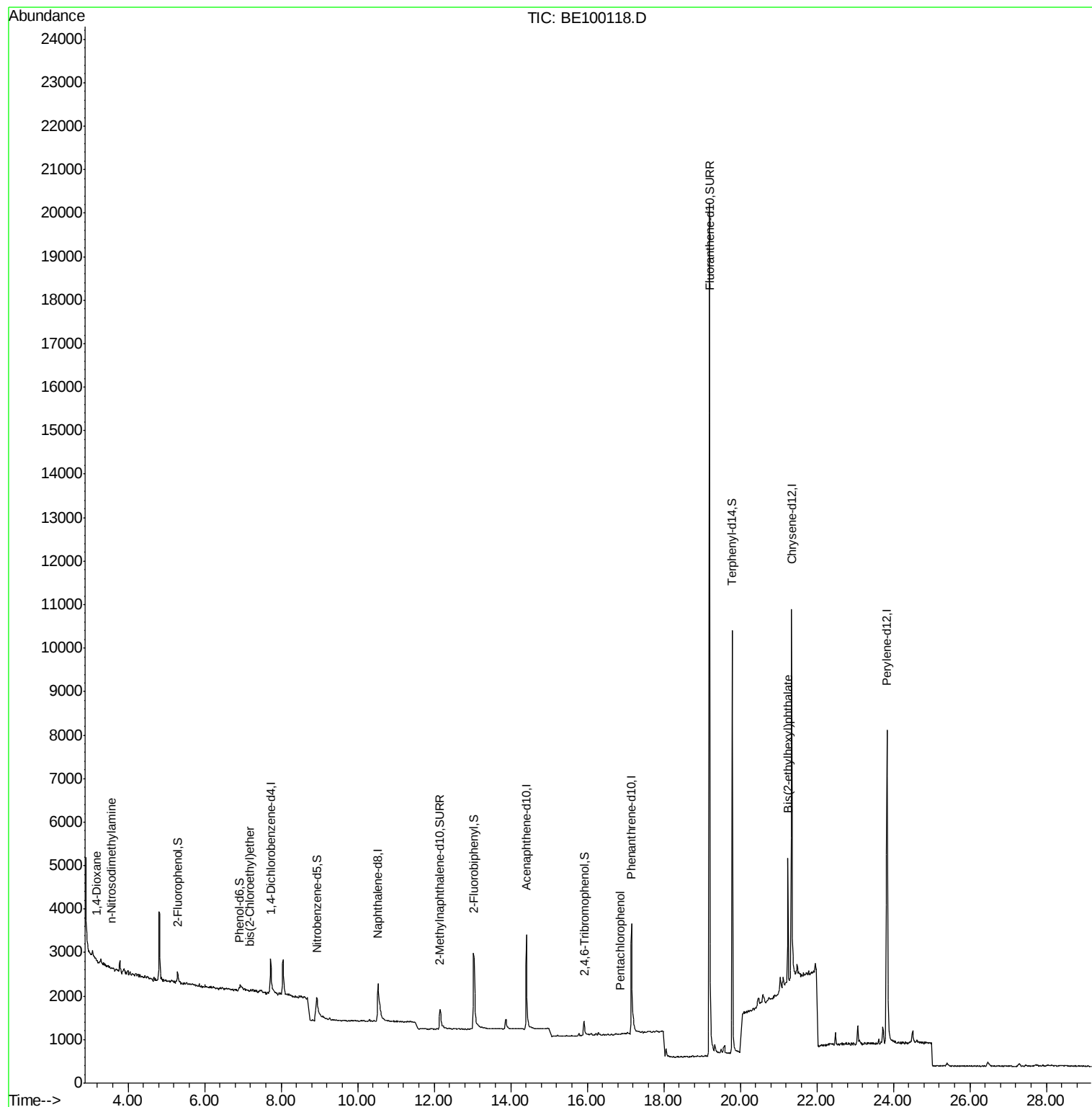
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.18	88	35	0.039	ng	# 27
3) n-Nitrosodimethylamine	3.57	42	31	0.395	ng	# 100
6) bis(2-Chloroethyl)ether	7.18	93	14	0.042	ng	# 1
22) Pentachlorophenol	16.87	266	1	0.243	ng	85
32) Bis(2-ethylhexyl)phthalate	21.24	149	3125	0.120	ng	# 97

(#) = 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

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BNA_E

ClientSampleId :

C-MW-6 061119

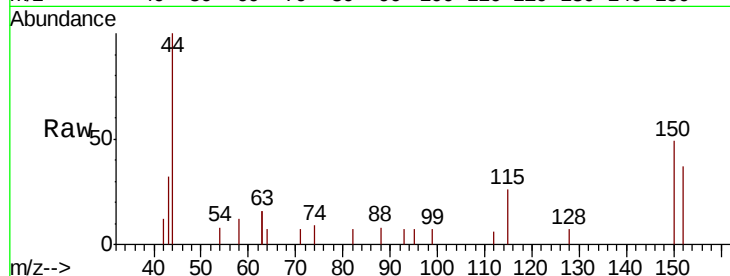
Tgt Ion: 152 Resp: 553

Ion Ratio Lower Upper

152 100

150 134.1 99.8 149.8

115 70.7 51.3 76.9

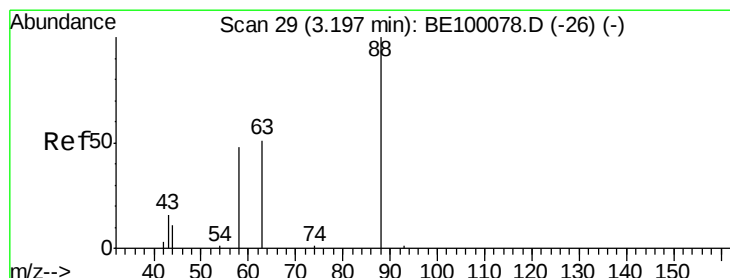
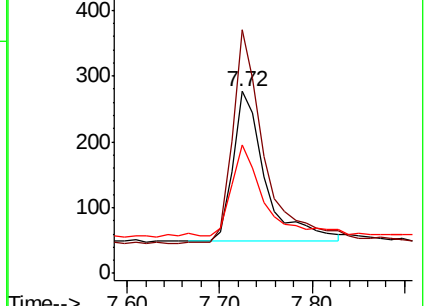
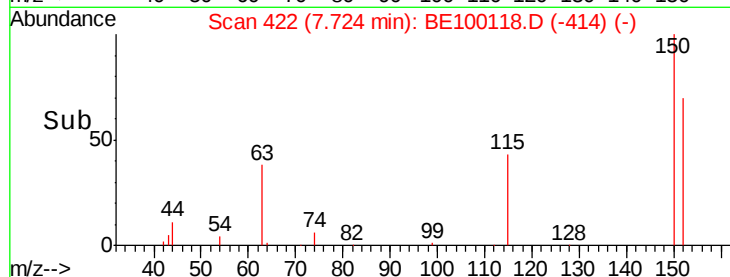


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#2

1,4-Dioxane

Concen: 0.039 ng

RT: 3.18 min Scan# 27

Delta R.T. -0.02 min

Lab File: BE100118.D

Acq: 20 Jun 2019 21:51

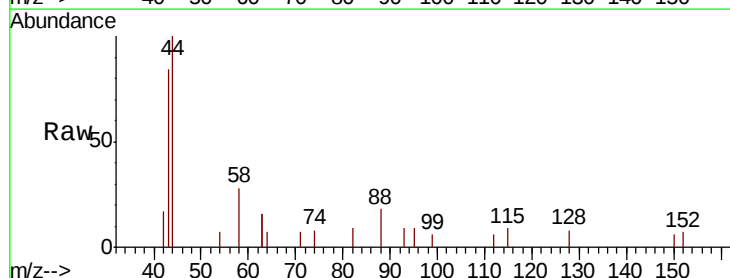
Tgt Ion: 88 Resp: 35

Ion Ratio Lower Upper

88 100

58 0.0 51.1 76.7#

43 0.0 21.7 32.5#

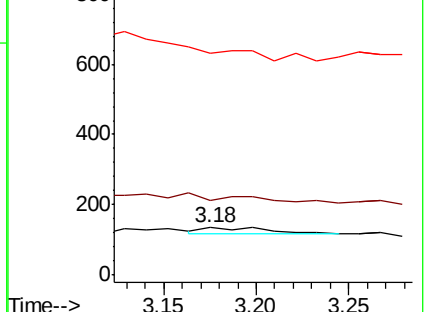
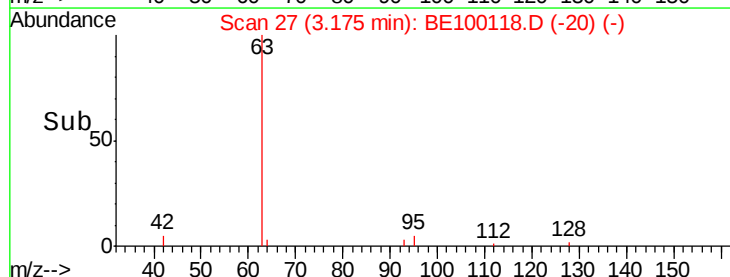


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1

Time-->





#3

n-Nitrosodimethylamine

Concen: 0.395 ng

RT: 3.57 min Scan# 61

Delta R.T. -0.03 min

Lab File: BE100118.D

Acq: 20 Jun 2019 21:51

Instrument :

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ClientSampleId :

C-MW-6_061119

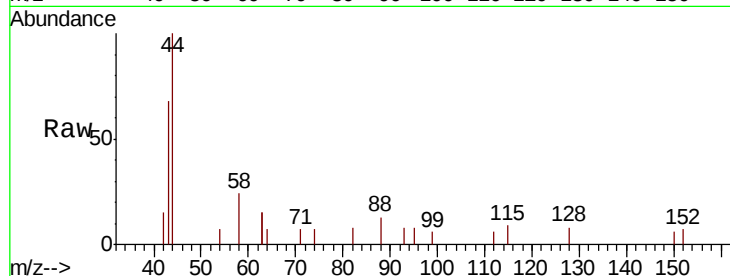
Tgt Ion: 42 Resp: 31

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

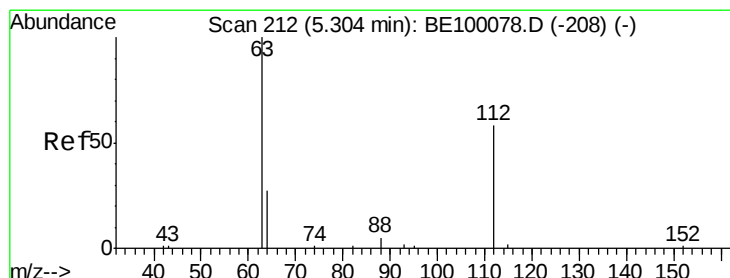
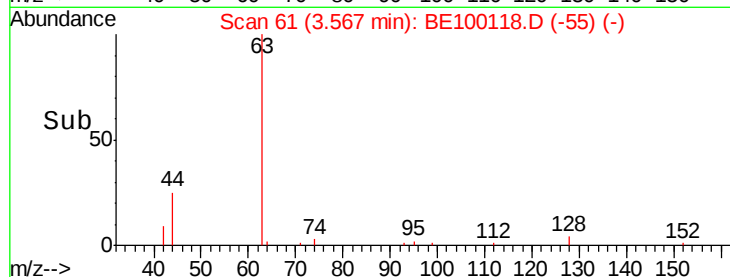
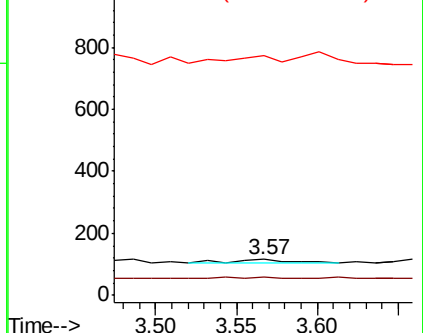
44 74.2 0.0 0.0#



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: 0.207 ng

RT: 5.29 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100118.D

Acq: 20 Jun 2019 21:51

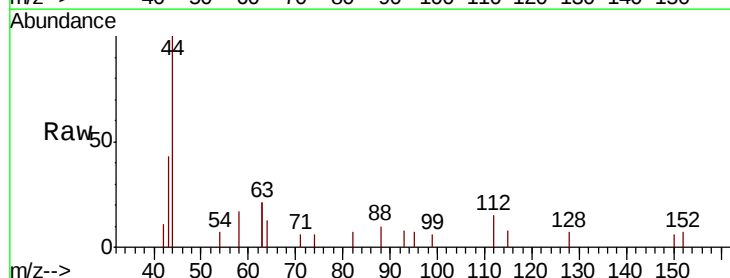
Tgt Ion: 112 Resp: 238

Ion Ratio Lower Upper

112 100

64 57.6 22.0 33.0#

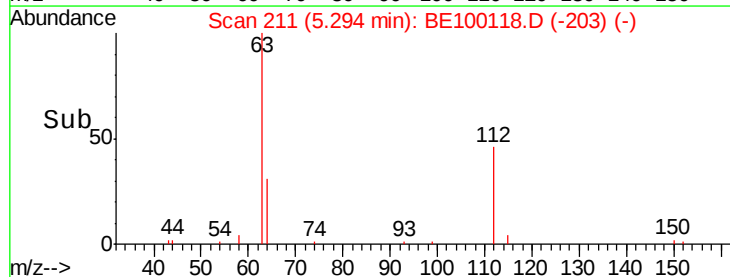
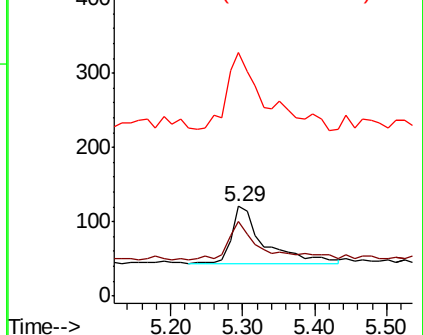
63 167.6 121.8 182.6



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





#5

Phenol-d6

Concen: 0.114 ng

RT: 6.92 min Scan# 352

Delta R.T. -0.01 min

Lab File: BE100118.D

Acq: 20 Jun 2019 21:51

Instrument :

BNA_E

ClientSampleId :

C-MW-6_061119

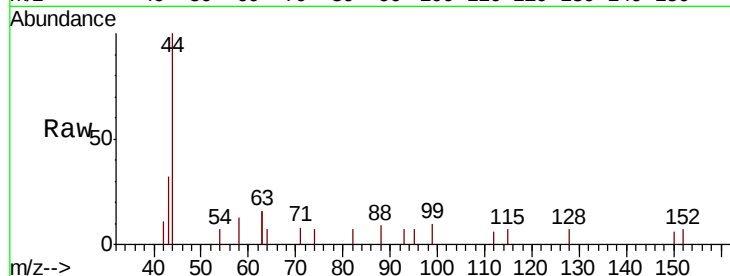
Tgt Ion: 99 Resp: 180

Ion Ratio Lower Upper

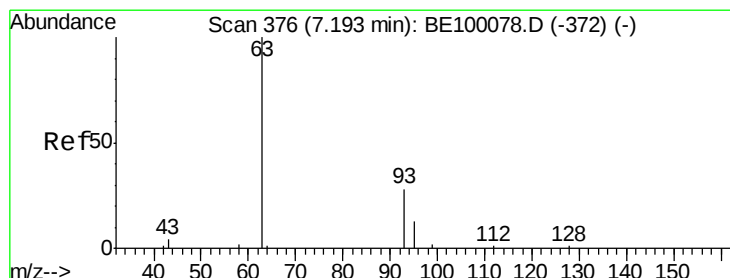
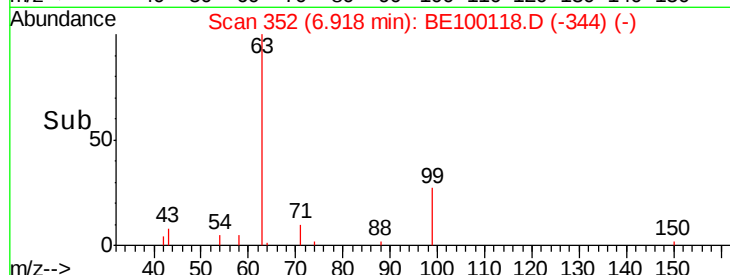
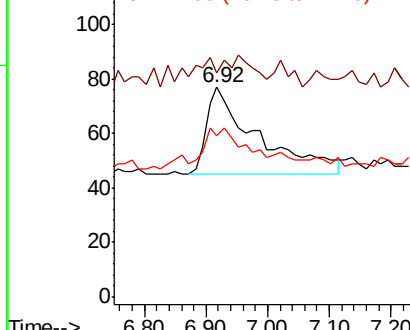
99 100

42 11.7 0.0 0.0#

71 32.8 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: 0.042 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100118.D

Acq: 20 Jun 2019 21:51

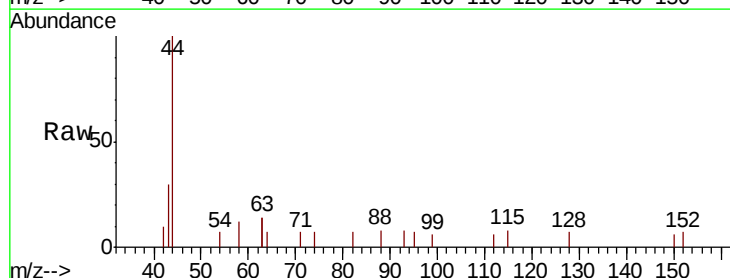
Tgt Ion: 93 Resp: 14

Ion Ratio Lower Upper

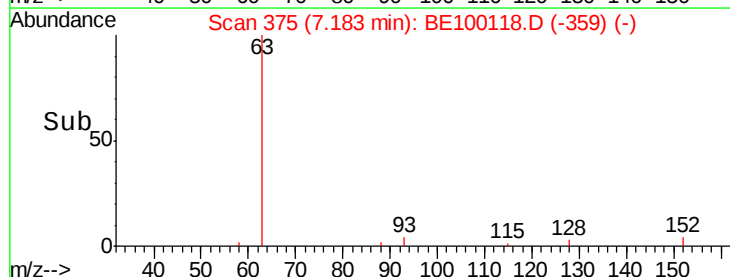
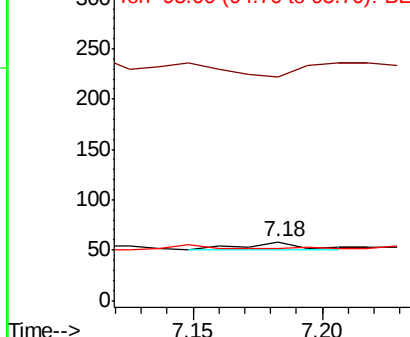
93 100

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: BE100118.D

Acq: 20 Jun 2019 21:51

Instrument :

BNA_E

ClientSampleId :

C-MW-6 061119

Tgt Ion: 136 Resp: 1913

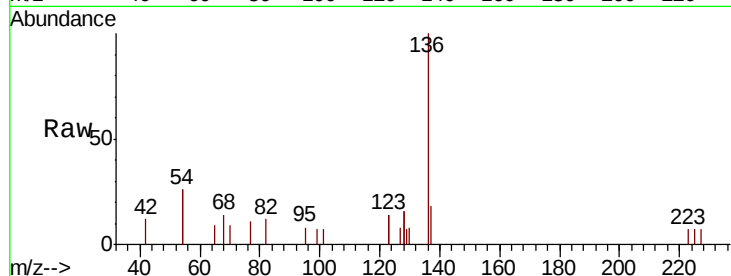
Ion Ratio Lower Upper

136 100

137 17.7 11.6 17.4#

54 52.1 33.9 50.9#

68 13.7 7.8 11.8#

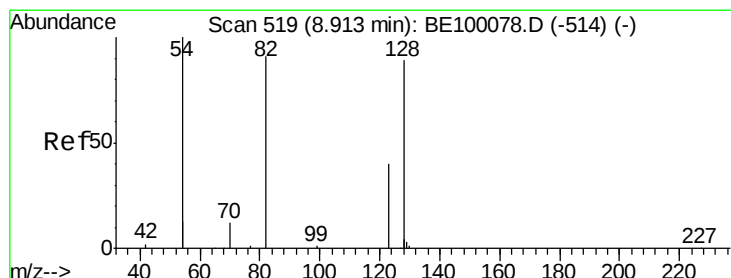
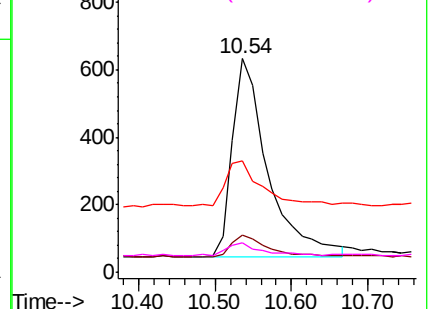
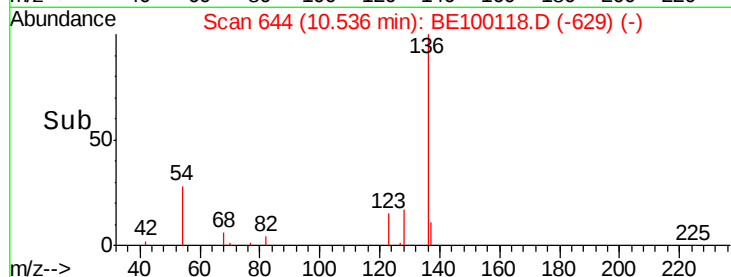


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.349 ng

RT: 8.92 min Scan# 520

Delta R.T. 0.01 min

Lab File: BE100118.D

Acq: 20 Jun 2019 21:51

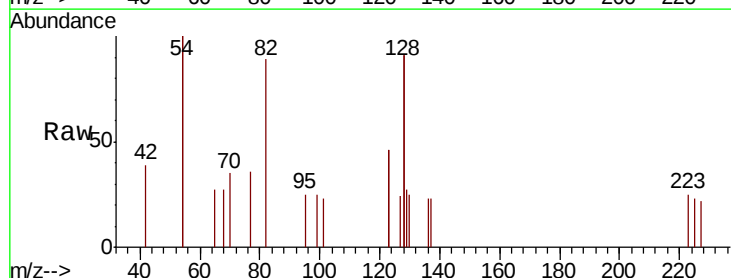
Tgt Ion: 82 Resp: 647

Ion Ratio Lower Upper

82 100

128 205.7 128.0 192.0#

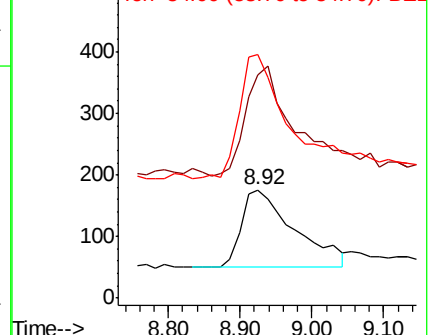
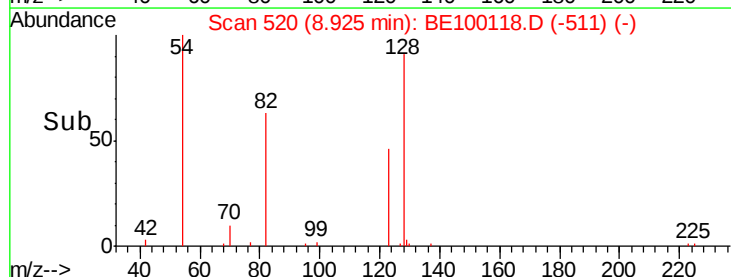
54 225.0 143.4 215.0#

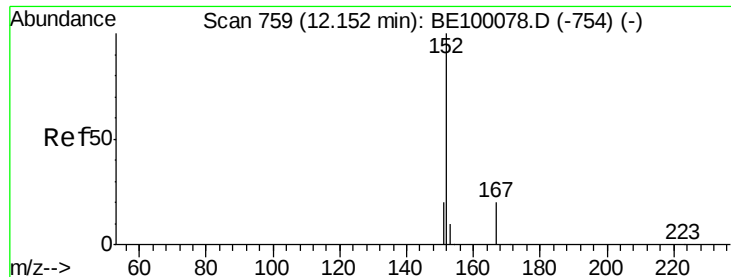


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

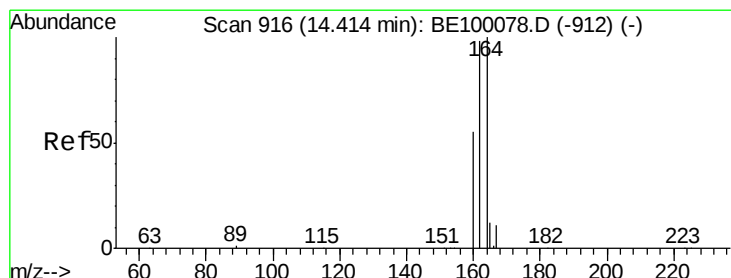
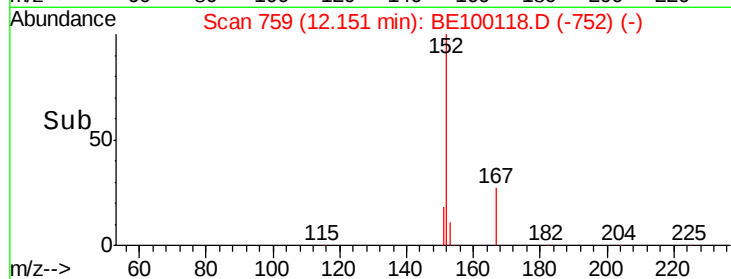
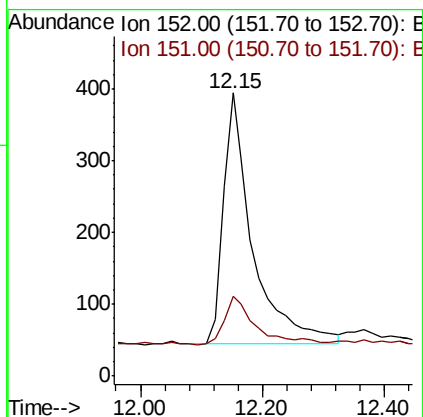
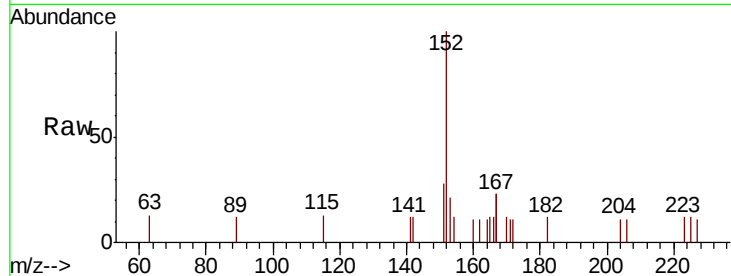




#11
 2-Methylnaphthalene-d10
 Concen: 0.323 ng
 RT: 12.15 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BE100118.D
 Acq: 20 Jun 2019 21:51

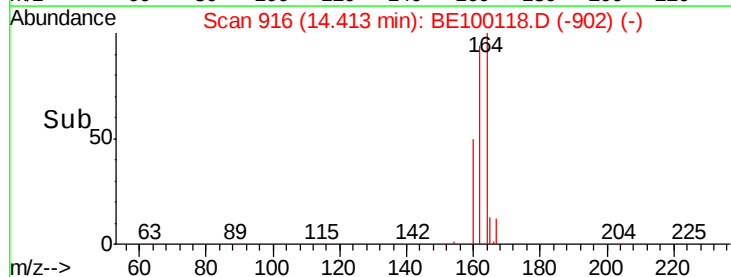
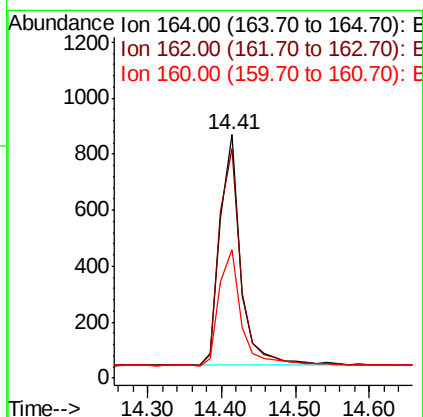
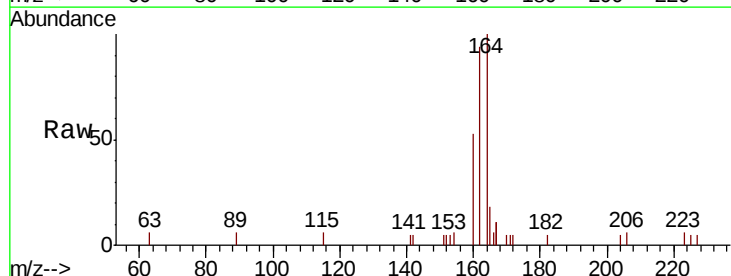
Instrument :
 BNA_E
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 C-MW-6_061119

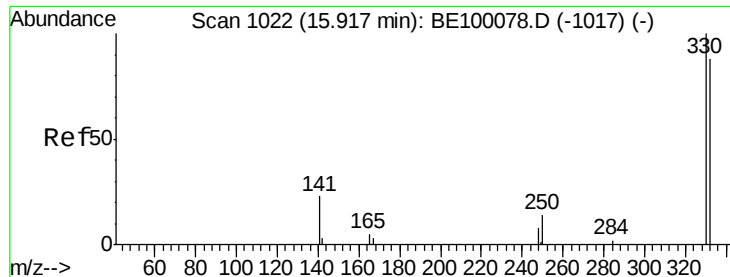
Tgt Ion:152 Resp: 1175
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.3 24.5



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.41 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BE100118.D
 Acq: 20 Jun 2019 21:51

Tgt Ion:164 Resp: 1608
 Ion Ratio Lower Upper
 164 100
 162 94.2 78.2 117.2
 160 52.6 45.6 68.4





#14

2,4,6-Tribromophenol

Concen: 0.453 ng

RT: 15.92 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BE100118.D

Acq: 20 Jun 2019 21:51

Instrument :

BNA_E

ClientSampleId :

C-MW-6_061119

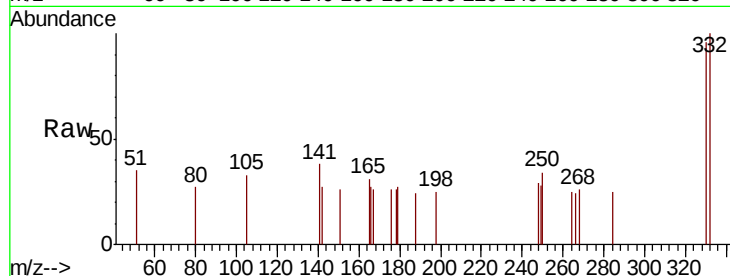
Tgt Ion:330 Resp: 402

Ion Ratio Lower Upper

330 100

332 101.2 73.3 109.9

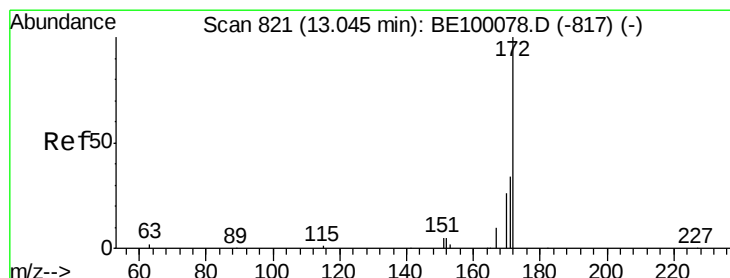
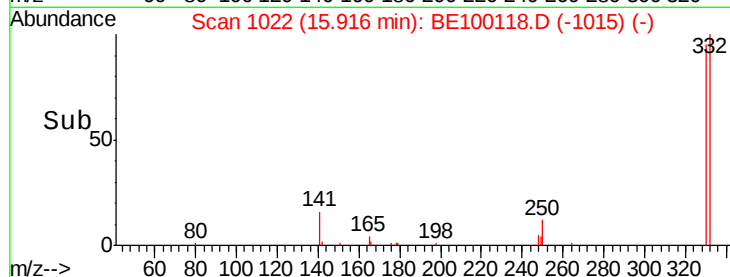
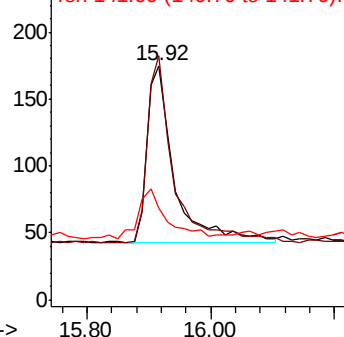
141 28.9 22.2 33.2



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: 0.499 ng

RT: 13.04 min Scan# 821

Delta R.T. -0.00 min

Lab File: BE100118.D

Acq: 20 Jun 2019 21:51

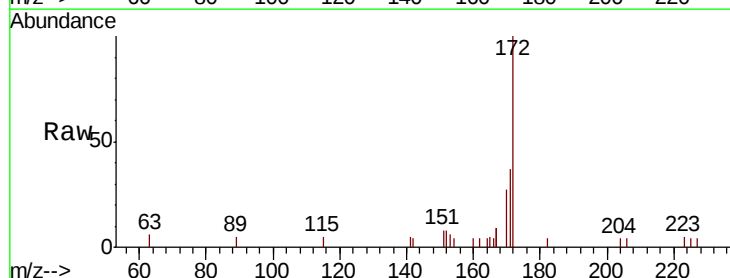
Tgt Ion:172 Resp: 3158

Ion Ratio Lower Upper

172 100

171 36.5 29.8 44.8

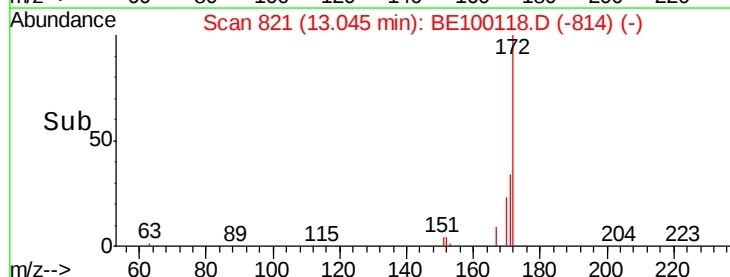
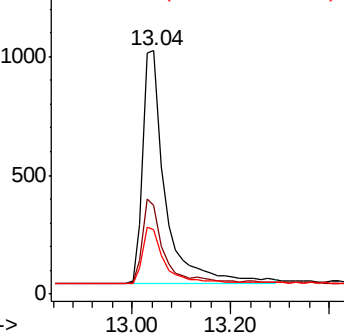
170 26.5 23.2 34.8

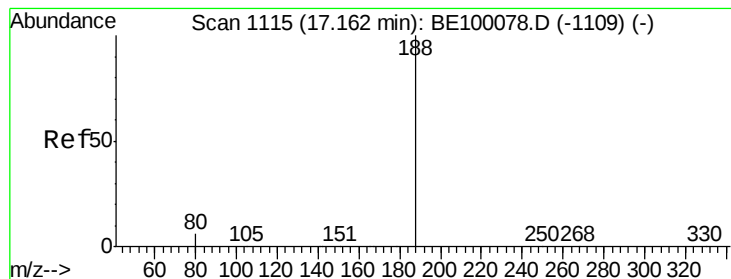


Abundance Ion 172.00 (171.70 to 172.70): E

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: BE100118.D

Acq: 20 Jun 2019 21:51

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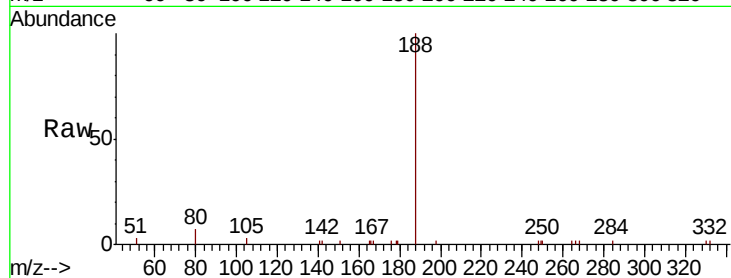
Tgt Ion:188 Resp: 5450

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

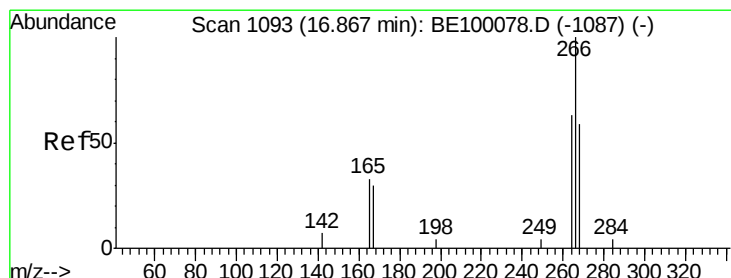
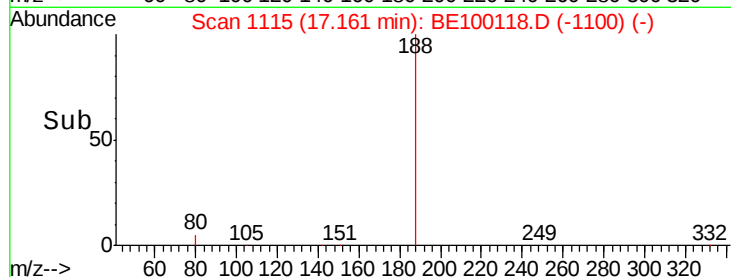
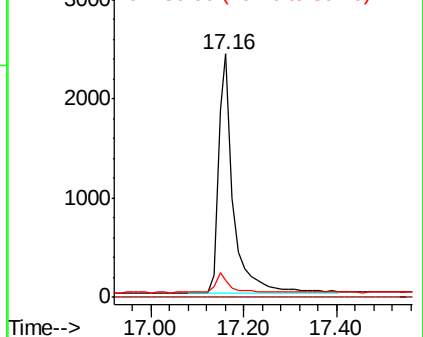
80 6.8 6.3 9.5



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: 0.243 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE100118.D

Acq: 20 Jun 2019 21:51

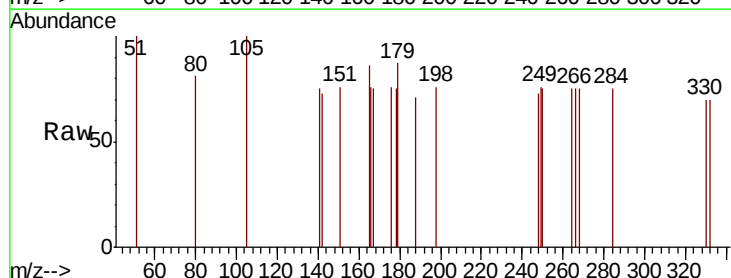
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

264 100.0 67.8 101.6

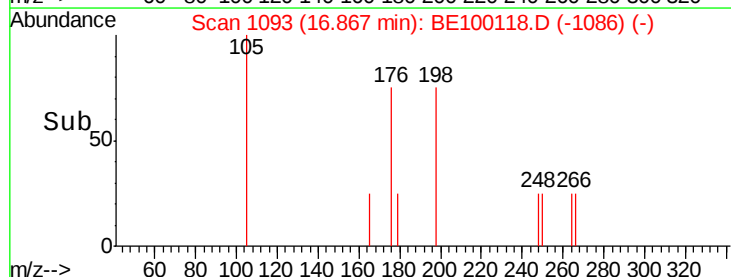
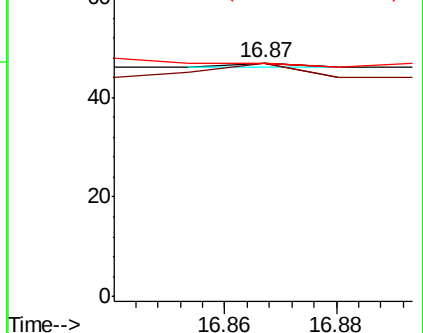
268 100.0 70.0 105.0

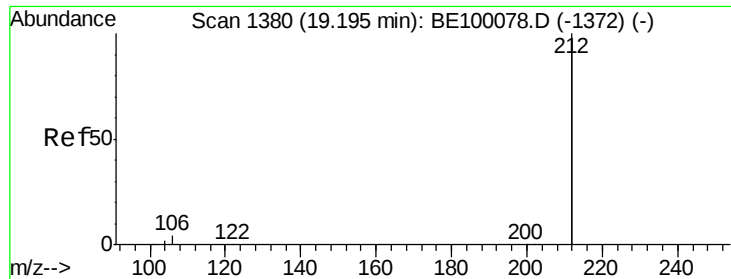


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.367 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE100118.D

Acq: 20 Jun 2019 21:51

Instrument :

BNA_E

ClientSampleId :

C-MW-6 061119

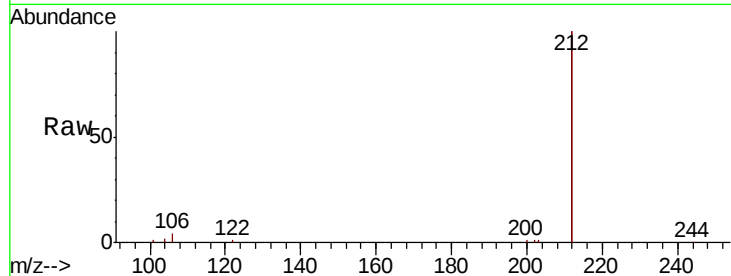
Tgt Ion:212 Resp: 28561

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.0

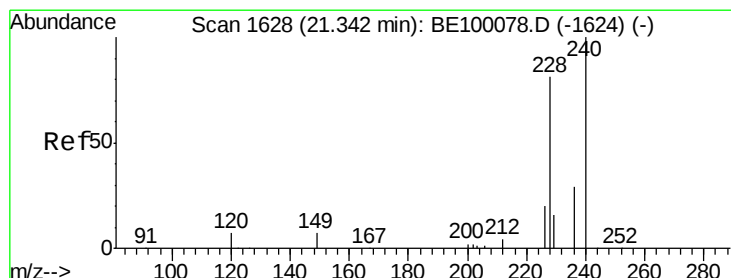
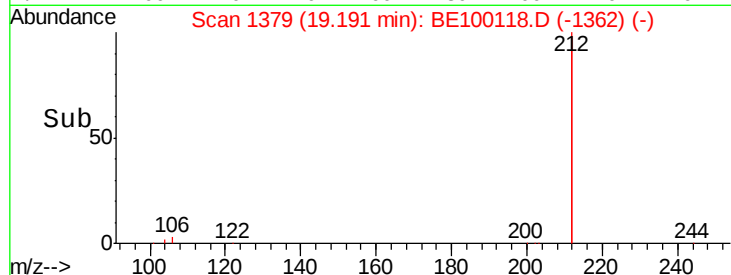
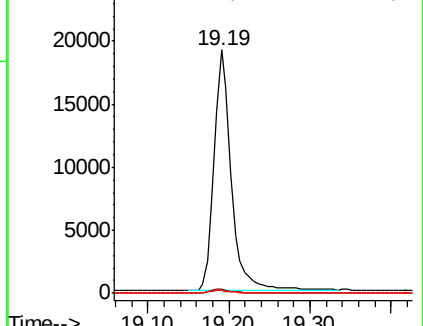
104 1.1 0.8 1.2



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# 1627

Delta R.T. -0.00 min

Lab File: BE100118.D

Acq: 20 Jun 2019 21:51

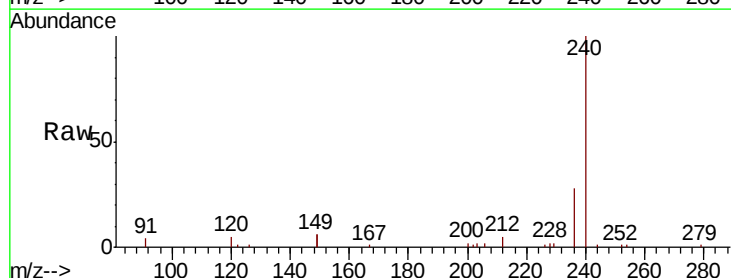
Tgt Ion:240 Resp: 9300

Ion Ratio Lower Upper

240 100

120 5.1 6.6 10.0#

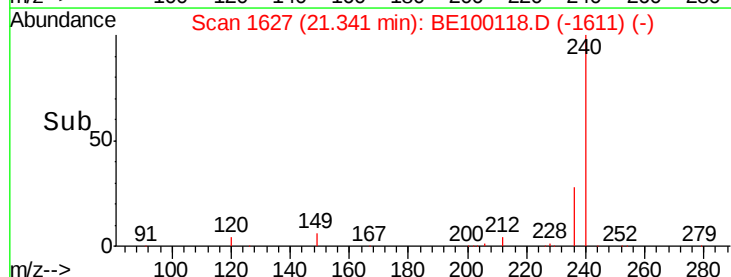
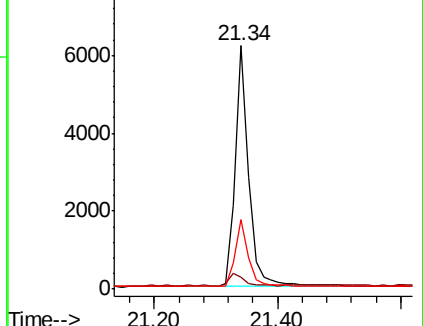
236 28.4 23.8 35.6

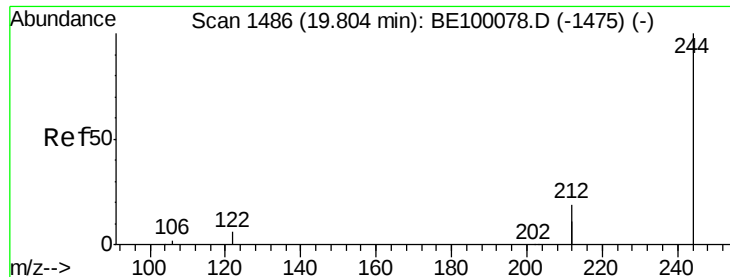


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.494 ng

RT: 19.79 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BE100118.D

Acq: 20 Jun 2019 21:51

Instrument :

BNA_E

ClientSampleId :

C-MW-6_061119

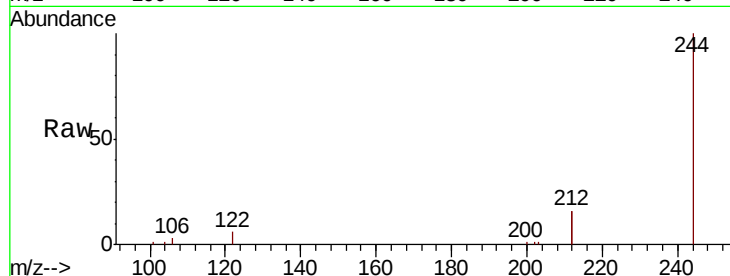
Tgt Ion:244 Resp: 9177

Ion Ratio Lower Upper

244 100

212 31.9 29.8 44.8

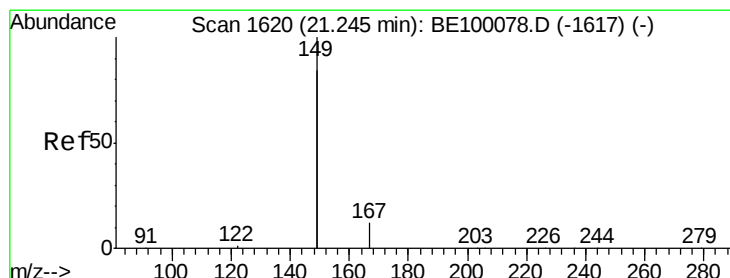
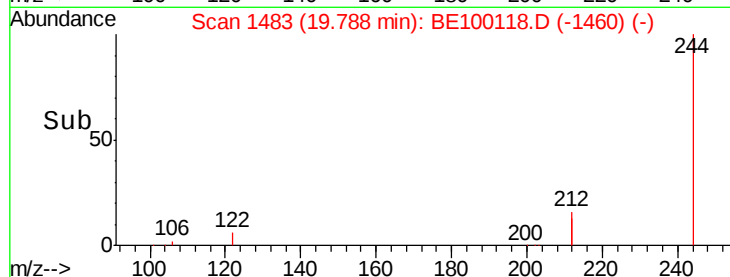
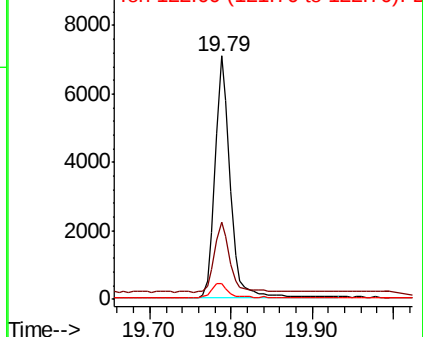
122 6.4 6.1 9.1



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: 0.120 ng

RT: 21.24 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BE100118.D

Acq: 20 Jun 2019 21:51

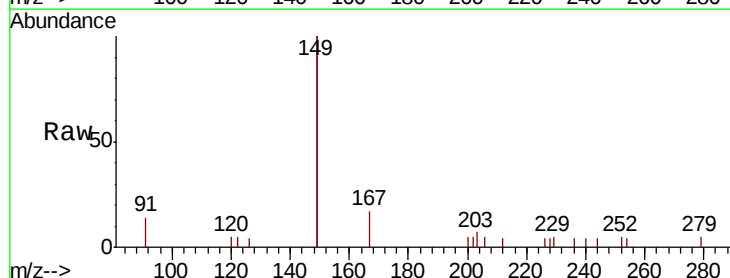
Tgt Ion:149 Resp: 3125

Ion Ratio Lower Upper

149 100

167 8.1 5.8 8.6

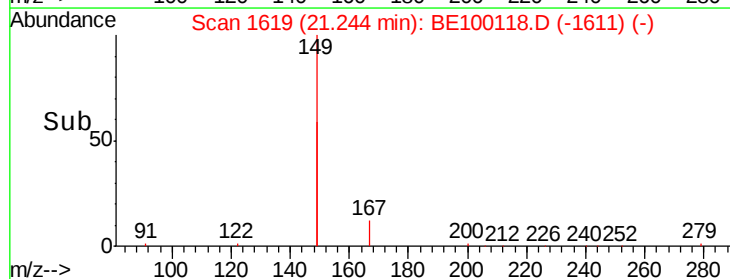
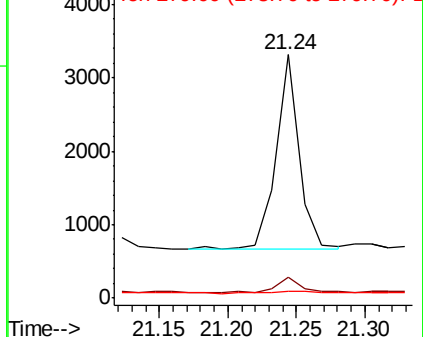
279 2.5 1.1 1.7#

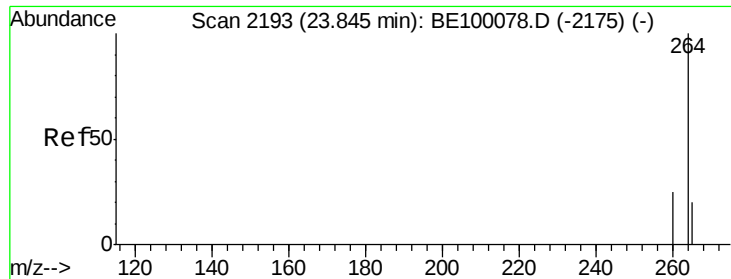


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2189

Delta R.T. -0.01 min

Lab File: BE100118.D

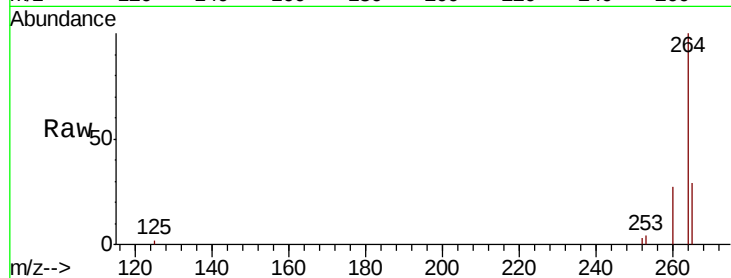
Acq: 20 Jun 2019 21:51

Instrument :

BNA_E

ClientSampleId :

C-MW-6_061119



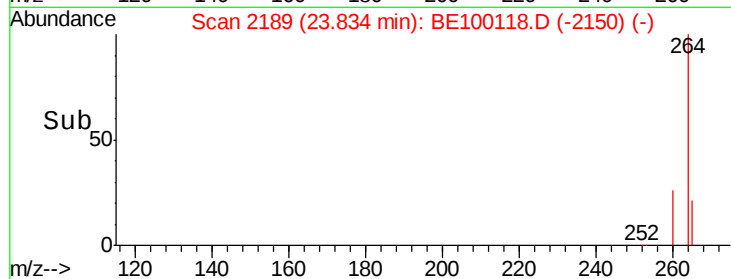
Tgt Ion: 264 Resp: 11127

Ion Ratio Lower Upper

264 100

260 26.5 20.8 31.2

265 29.0 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

