

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061919\
 Data File : BE100097.D
 Acq On : 20 Jun 2019 00:04
 Operator : JU/SJ
 Sample : K3309-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW009-190610

Quant Time: Jun 20 03:52:22 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	951	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	2995	0.40	ng	-0.01
13) Acenaphthene-d10	14.41	164	3040	0.40	ng	0.00
19) Phenanthrene-d10	17.16	188	7556	0.40	ng	0.00
27) Chrysene-d12	21.34	240	12520	0.40	ng	0.00
34) Perylene-d12	23.84	264	12032	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.27	112	718	0.36	ng	-0.03
5) Phenol-d6	6.93	99	344	0.13	ng	0.00
8) Nitrobenzene-d5	8.89	82	879	0.30	ng	-0.03
11) 2-Methylnaphthalene-d10	12.14	152	1615	0.28	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	700	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	3618	0.30	ng	-0.01
25) Fluoranthene-d10	19.20	212	32518	0.30	ng	0.00
29) Terphenyl-d14	19.79	244	9868	0.39	ng	-0.01

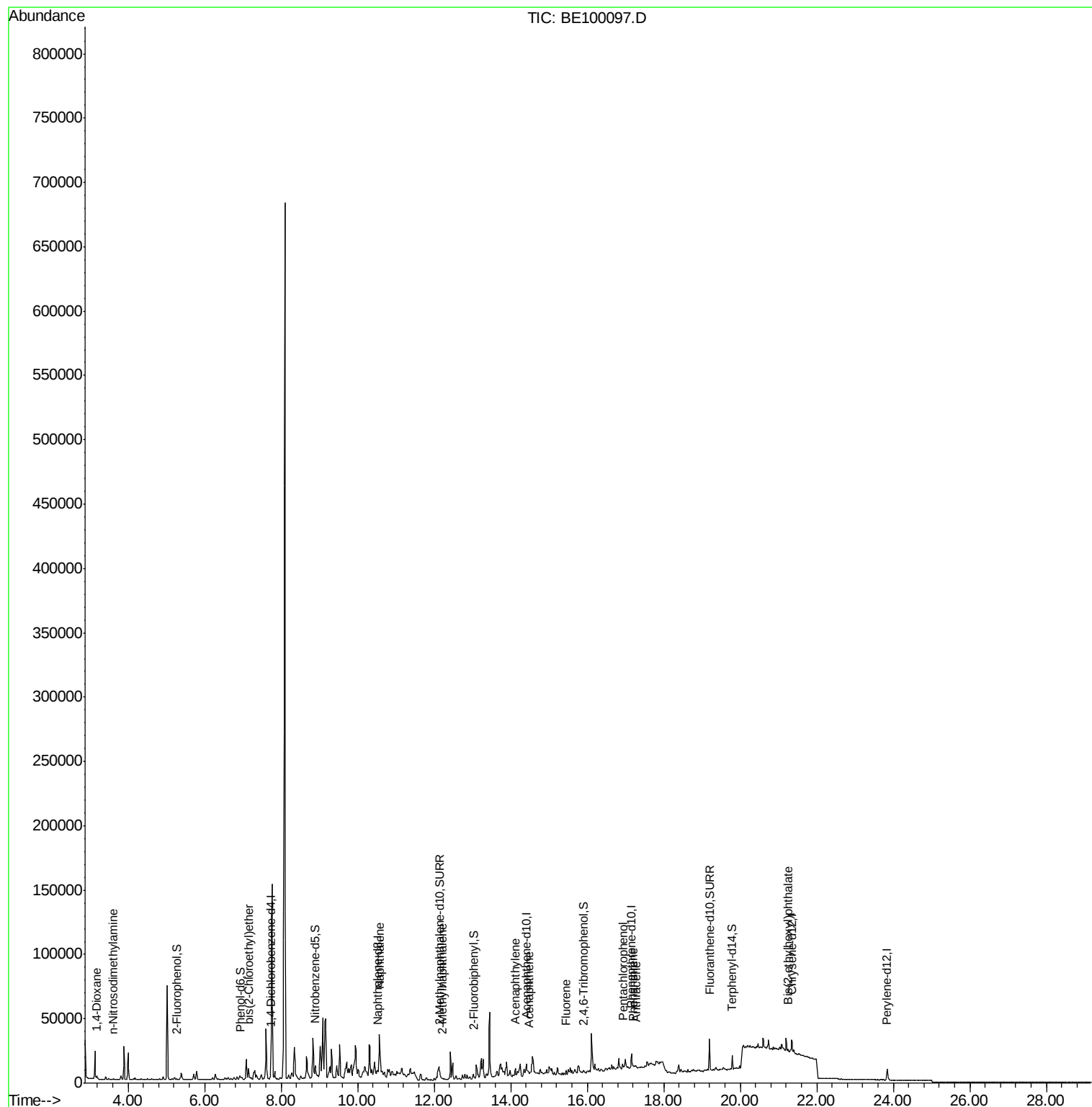
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.19	88	1314	0.861	ng	# 75
3) n-Nitrosodimethylamine	3.61	42	71	0.412	ng	# 100
6) bis(2-Chloroethyl)ether	7.15	93	3596	1.319	ng	# 89
9) Naphthalene	10.58	128	46715	1.435	ng	# 96
12) 2-Methylnaphthalene	12.21	142	469	0.088	ng	# 1
16) Acenaphthylene	14.13	152	617	0.043	ng	# 22
17) Acenaphthene	14.47	154	658	0.082	ng	# 87
18) Fluorene	15.45	166	1642	0.137	ng	# 96
22) Pentachlorophenol	16.93	266	47	0.271	ng	# 89
23) Phenanthrene	17.20	178	1188	0.066	ng	# 48
24) Anthracene	17.28	178	727	0.048	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.24	149	2638	0.075	ng	# 91

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

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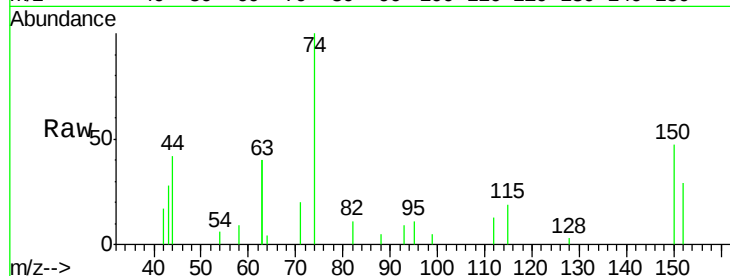


#1

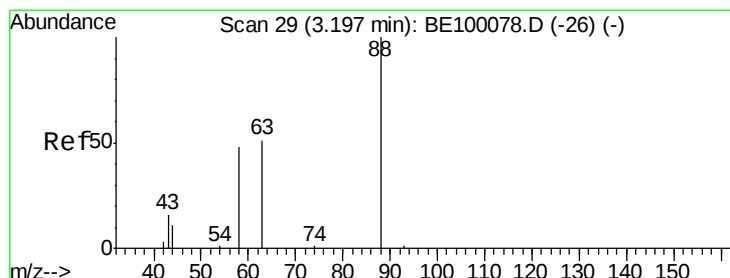
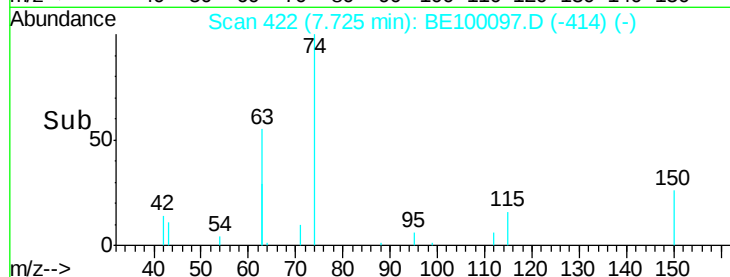
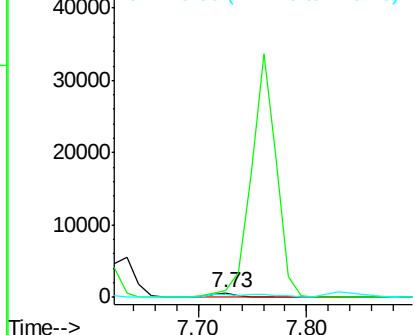
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Instrument :
BNA_E
ClientSampleId :
SS043MW009-190610

Tgt Ion: 152 Resp: 951
Ion Ratio Lower Upper
152 100
150 161.3 99.8 149.8#
115 64.9 51.3 76.9



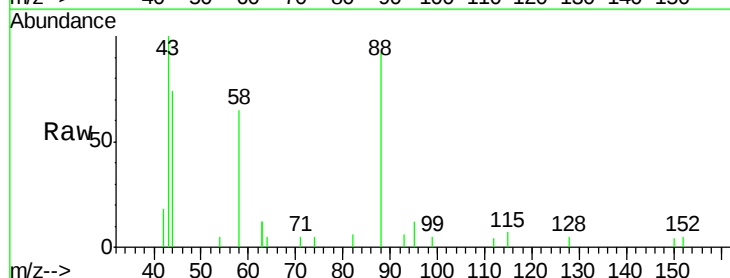
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



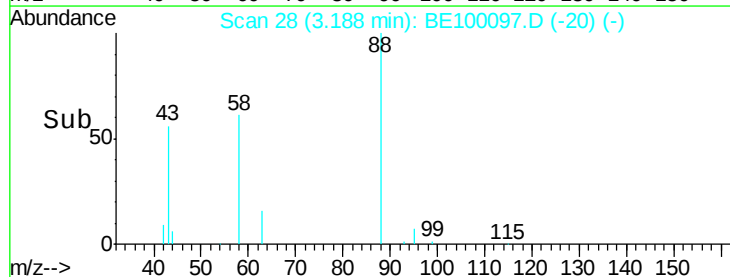
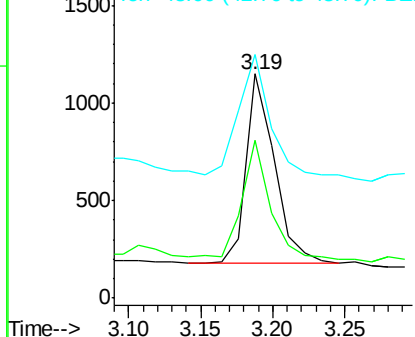
#2

1,4-Dioxane
Concen: 0.861 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Tgt Ion: 88 Resp: 1314
Ion Ratio Lower Upper
88 100
58 62.9 51.1 76.7
43 69.6 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: 0.412 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

Instrument :

BNA_E

ClientSampleId :

SS043MW009-190610

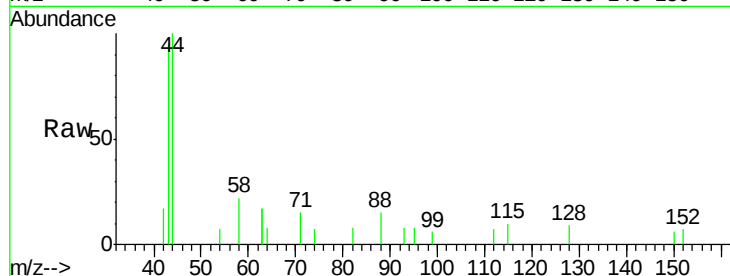
Tgt Ion: 42 Resp: 71

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

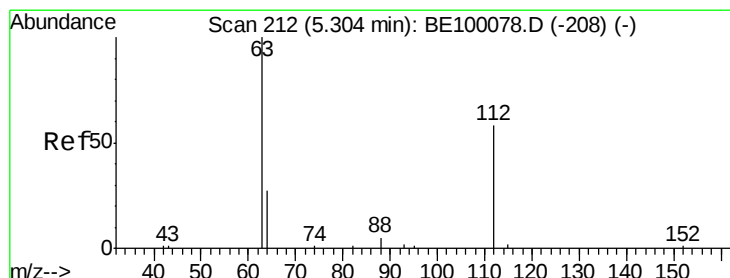
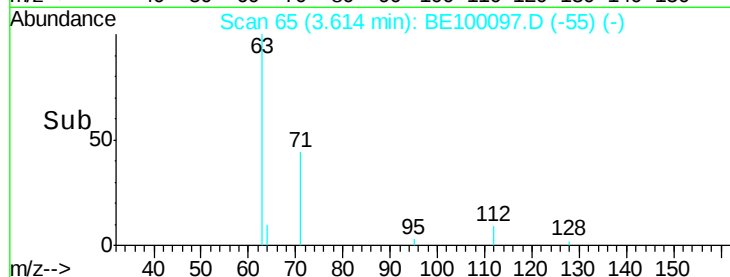
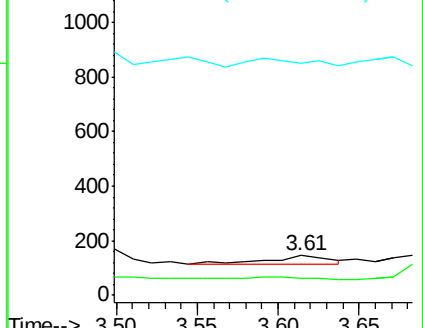
44 0.0 0.0 0.0



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: 0.364 ng

RT: 5.27 min Scan# 209

Delta R.T. -0.03 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

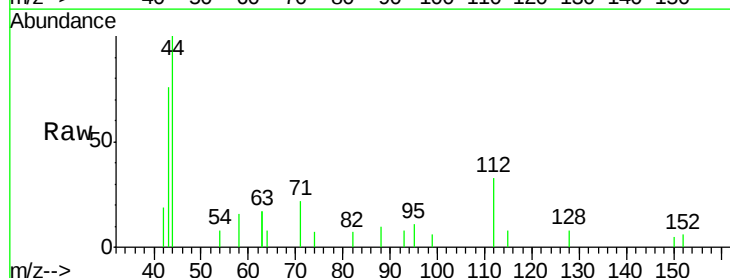
Tgt Ion: 112 Resp: 718

Ion Ratio Lower Upper

112 100

64 0.0 22.0 33.0#

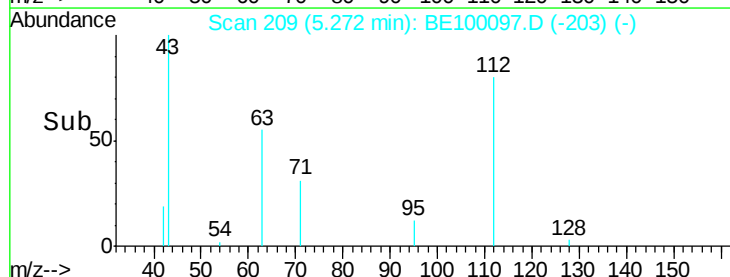
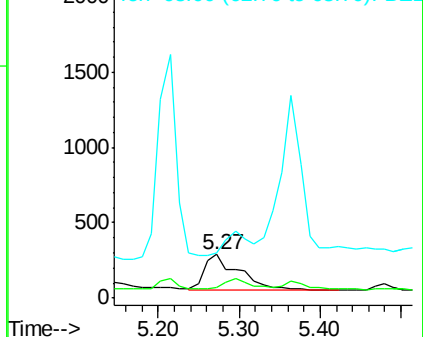
63 0.0 121.8 182.6#



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: 0.127 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

Instrument :

BNA_E

ClientSampleId :

SS043MW009-190610

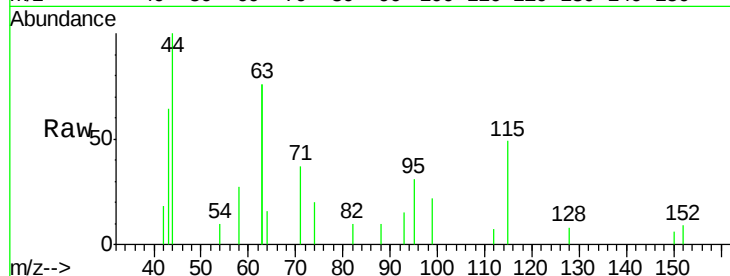
Tgt Ion: 99 Resp: 344

Ion Ratio Lower Upper

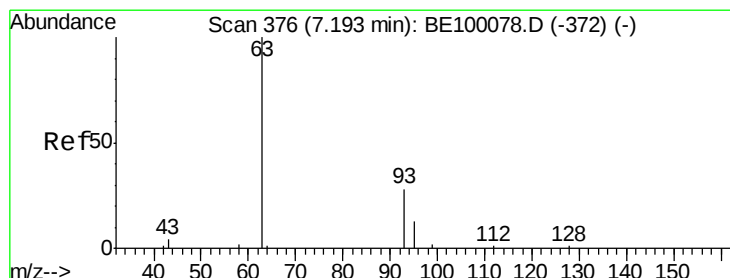
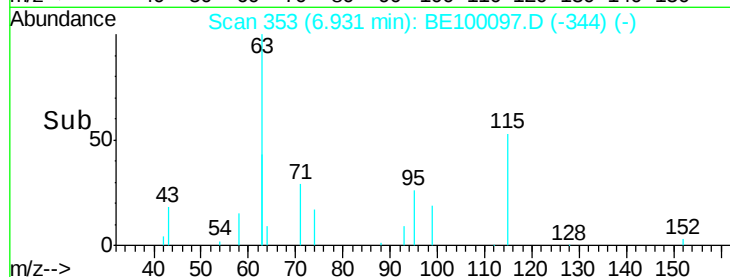
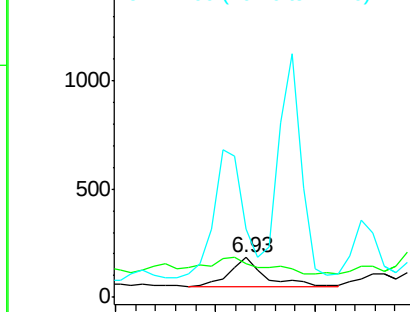
99 100

42 72.1 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: 1.319 ng

RT: 7.15 min Scan# 372

Delta R.T. -0.04 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

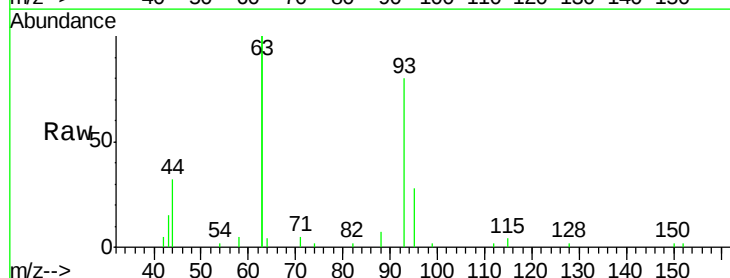
Tgt Ion: 93 Resp: 3596

Ion Ratio Lower Upper

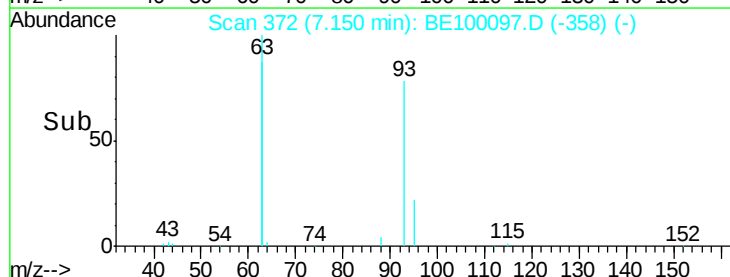
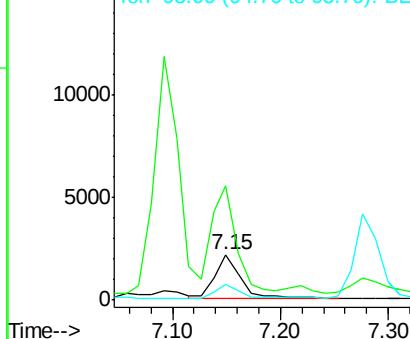
93 100

63 229.7 200.0 300.0

95 32.8 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: BE100097.D

Acq: 20 Jun 2019 00:04

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Tgt Ion: 136 Resp: 2995

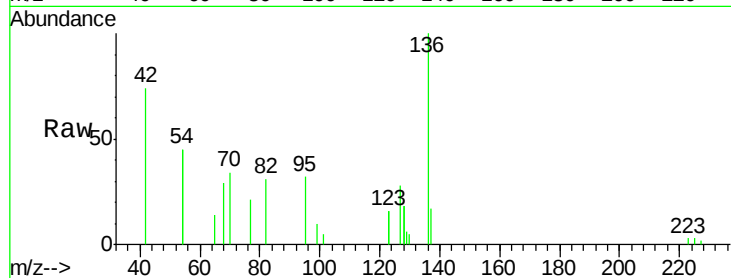
Ion Ratio Lower Upper

136 100

137 17.0 11.6 17.4

54 89.1 33.9 50.9#

68 28.7 7.8 11.8#



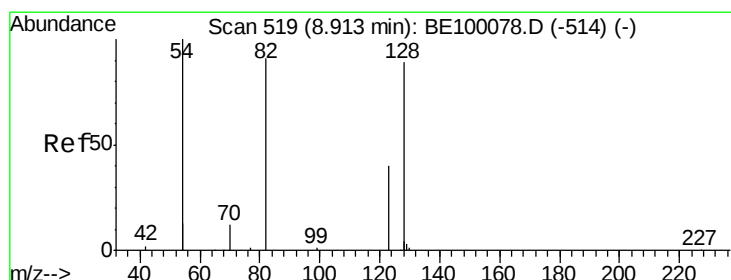
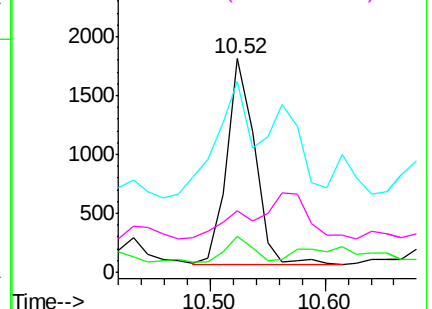
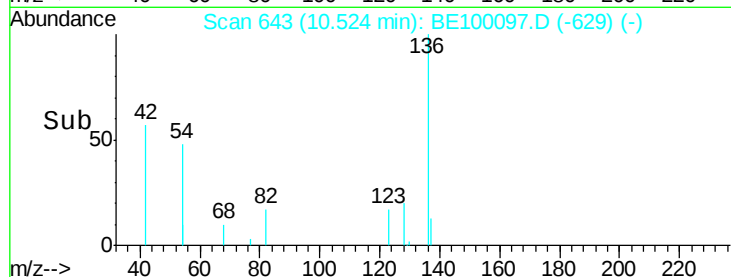
Abundance

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: 0.303 ng

RT: 8.89 min Scan# 517

Delta R.T. -0.03 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

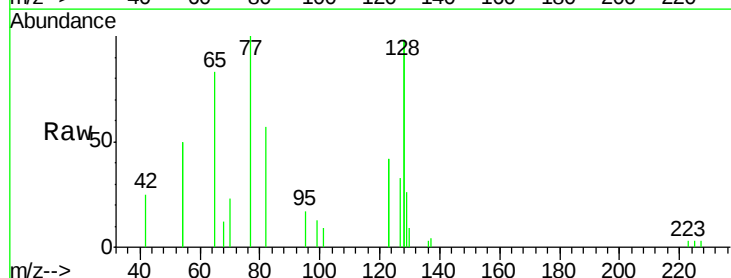
Tgt Ion: 82 Resp: 879

Ion Ratio Lower Upper

82 100

128 345.3 128.0 192.0#

54 174.3 143.4 215.0

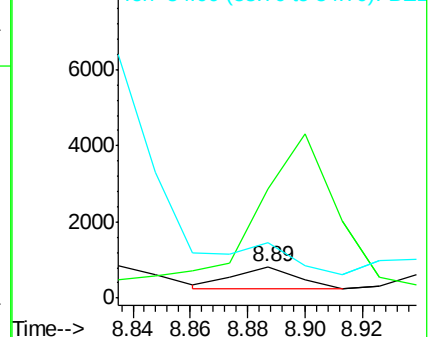
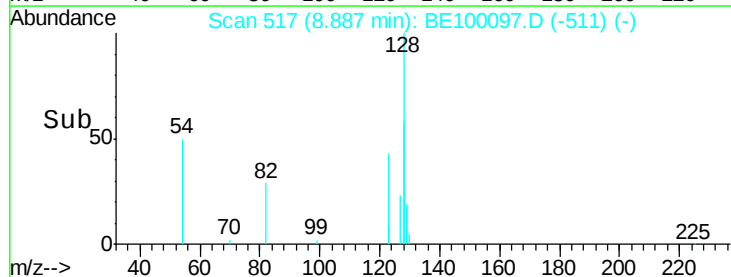


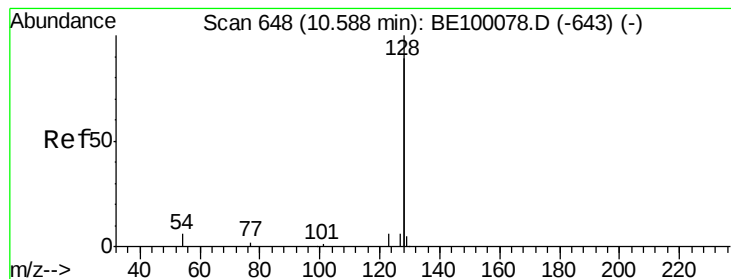
Abundance

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: 1.435 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

Instrument :

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ClientSampleId :

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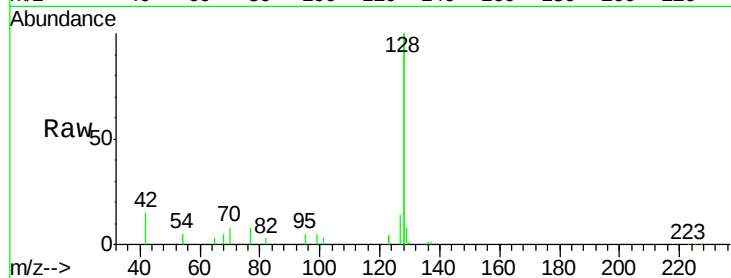
Tgt Ion:128 Resp: 46715

Ion Ratio Lower Upper

128 100

129 3.9 3.1 4.7

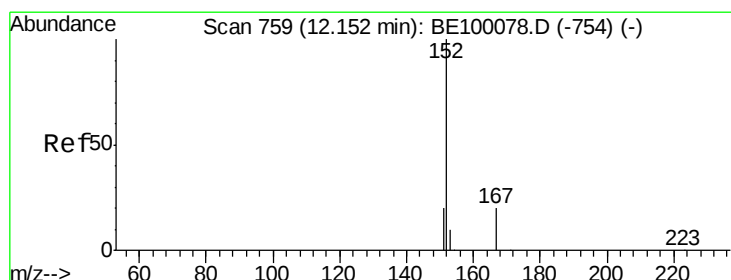
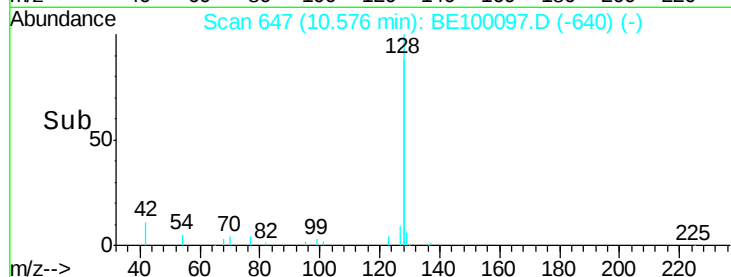
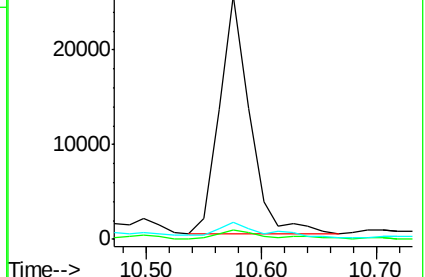
127 6.8 3.4 5.2#



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: 0.284 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.01 min

Lab File: BE100097.D

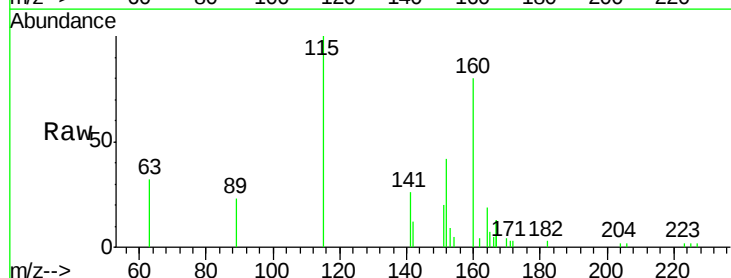
Acq: 20 Jun 2019 00:04

Tgt Ion:152 Resp: 1615

Ion Ratio Lower Upper

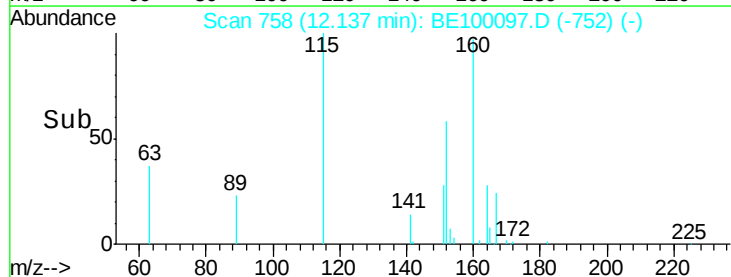
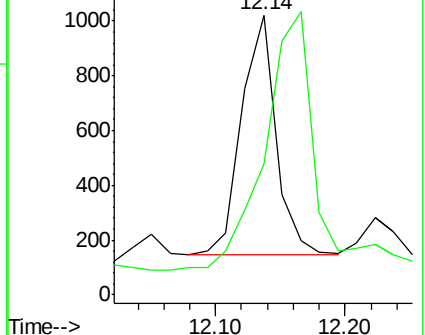
152 100

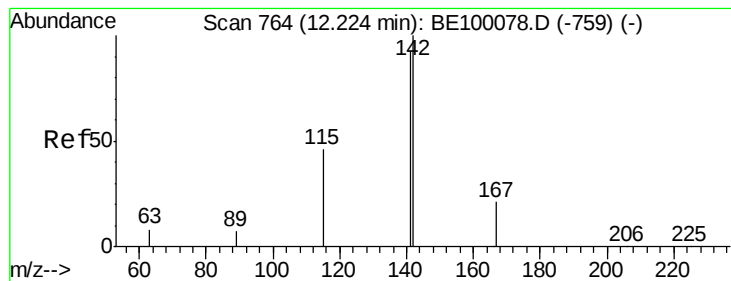
151 0.0 16.3 24.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.088 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

Instrument :

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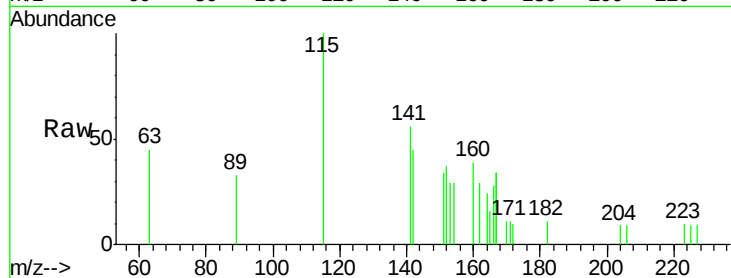
Tgt Ion:142 Resp: 469

Ion Ratio Lower Upper

142 100

141 123.6 74.1 111.1#

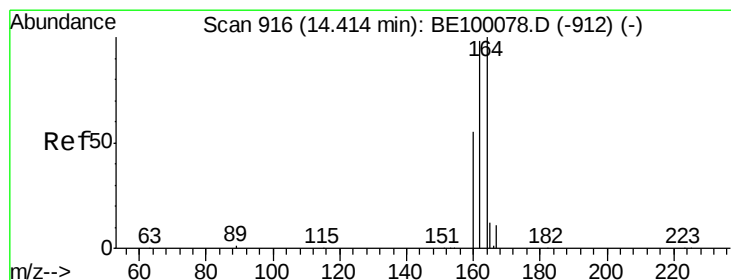
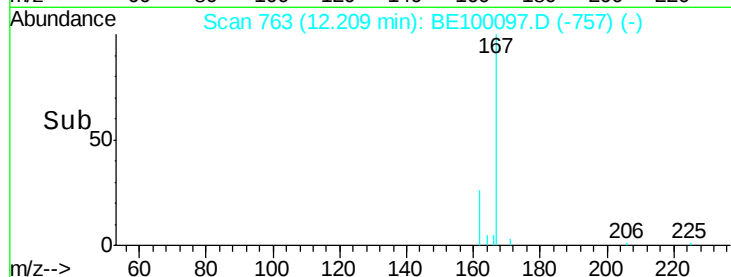
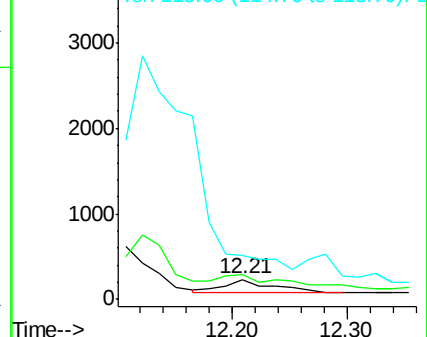
115 222.3 40.9 61.3#



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: BE100097.D

Acq: 20 Jun 2019 00:04

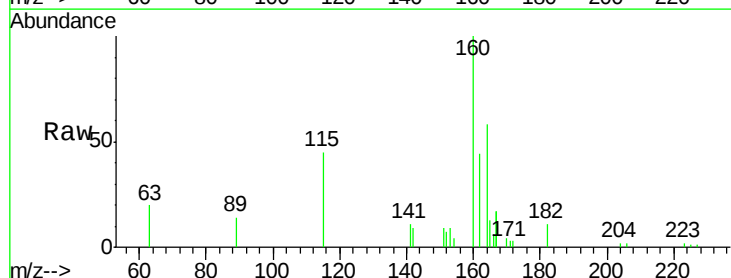
Tgt Ion:164 Resp: 3040

Ion Ratio Lower Upper

164 100

162 76.1 78.2 117.2#

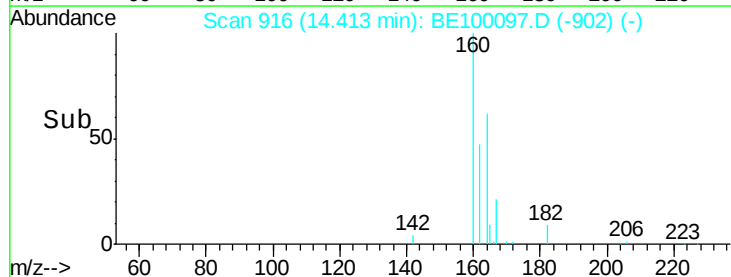
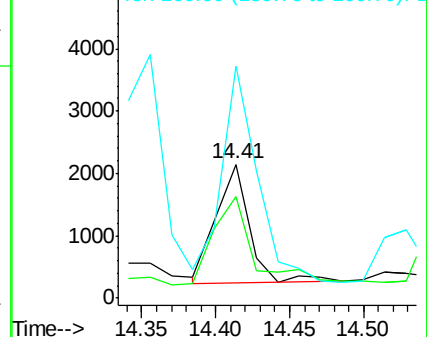
160 173.9 45.6 68.4#

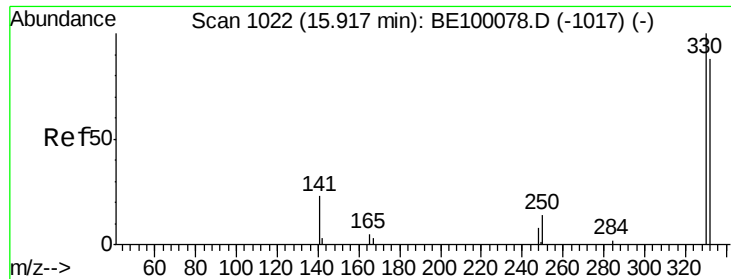


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

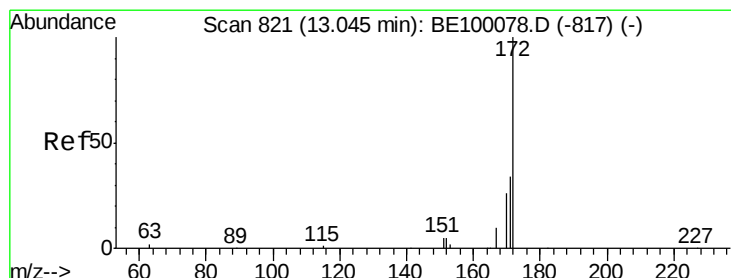
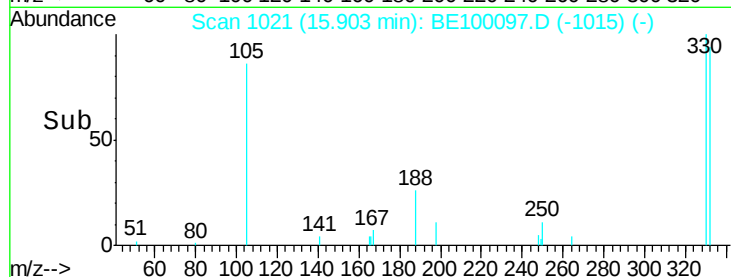
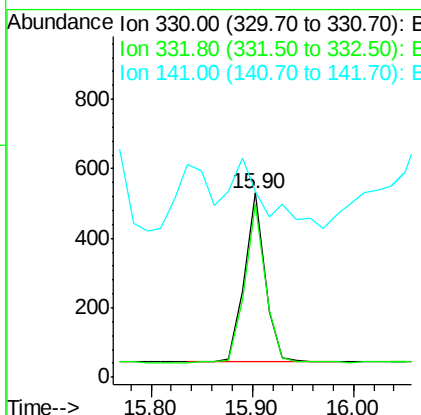
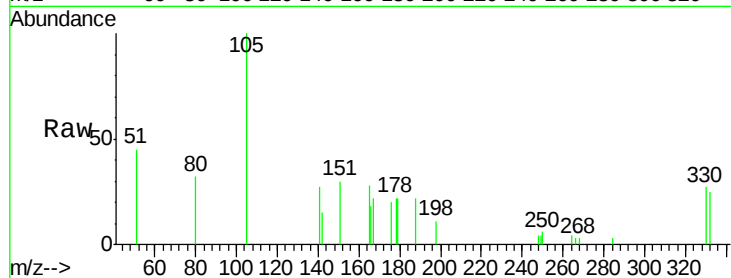




#14
 2,4,6-Tribromophenol
 Concen: 0.417 ng
 RT: 15.90 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BE100097.D
 Acq: 20 Jun 2019 00:04

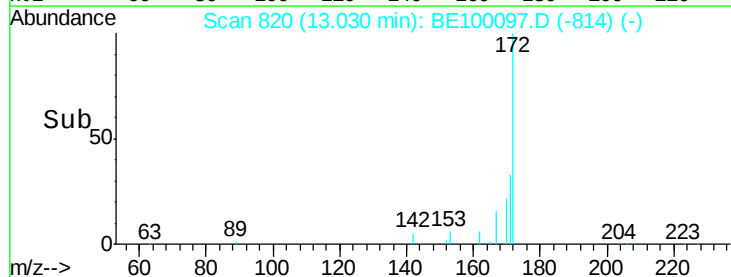
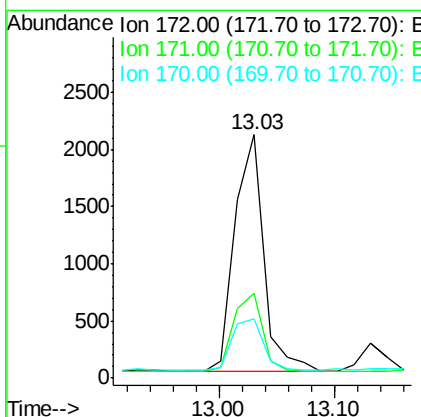
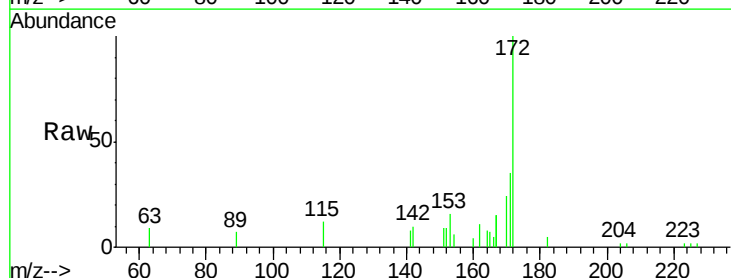
Instrument :
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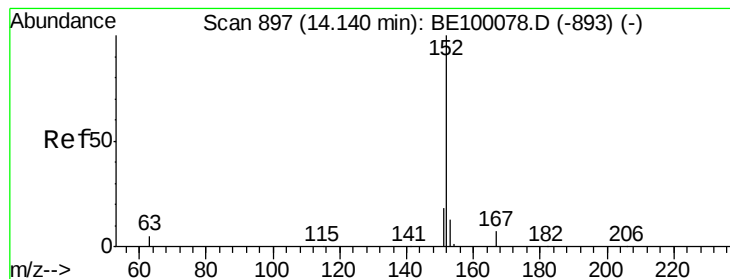
Tgt Ion: 330 Resp: 700
 Ion Ratio Lower Upper
 330 100
 332 94.0 73.3 109.9
 141 65.9 22.2 33.2#



#15
 2-Fluorobiphenyl
 Concen: 0.303 ng
 RT: 13.03 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BE100097.D
 Acq: 20 Jun 2019 00:04

Tgt Ion: 172 Resp: 3618
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.8 44.8
 170 24.3 23.2 34.8





#16

Acenaphthylene

Concen: 0.043 ng

RT: 14.13 min Scan# 896

Delta R.T. -0.01 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

Instrument :

BNA_E

ClientSampleId :

SS043MW009-190610

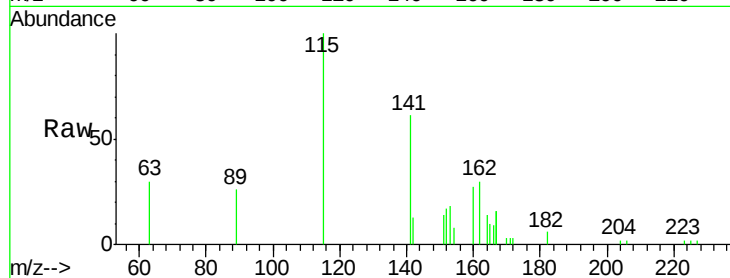
Tgt Ion:152 Resp: 617

Ion Ratio Lower Upper

152 100

151 0.0 15.9 23.9#

153 64.5 10.1 15.1#

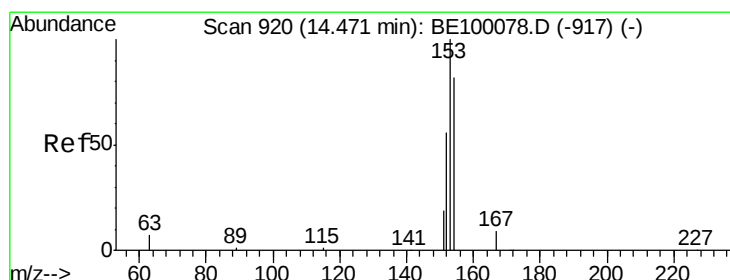
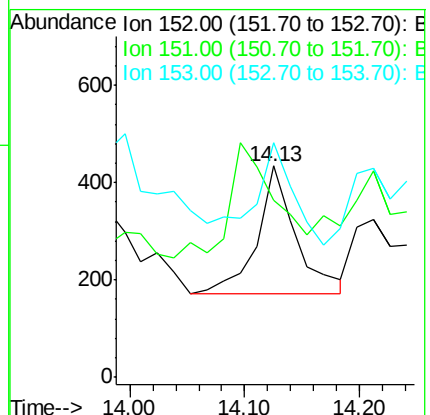
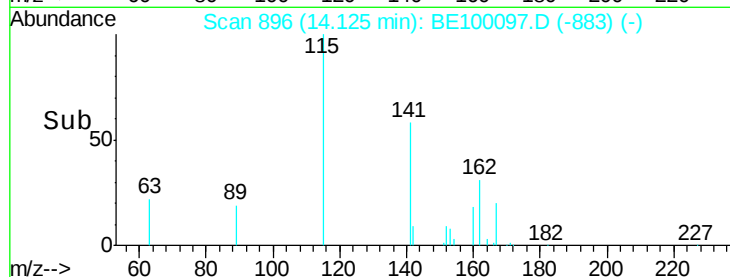


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

Time--> 14.00 14.10 14.20



#17

Acenaphthene

Concen: 0.082 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

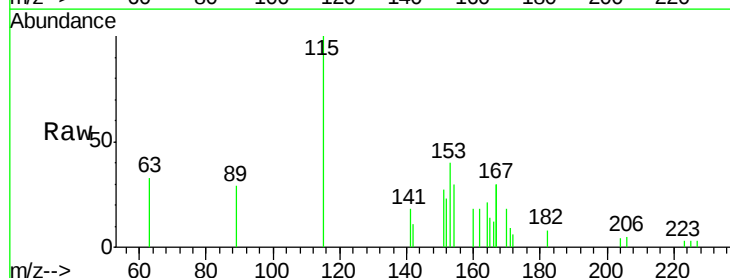
Tgt Ion:154 Resp: 658

Ion Ratio Lower Upper

154 100

153 129.0 95.5 143.3

152 51.7 54.9 82.3#

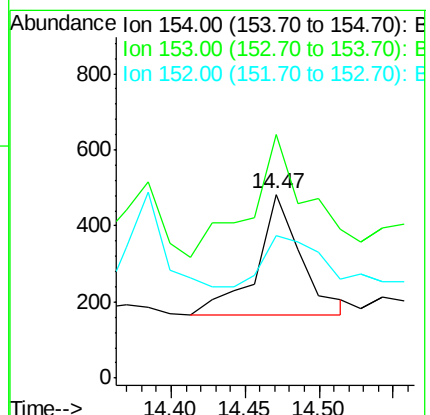
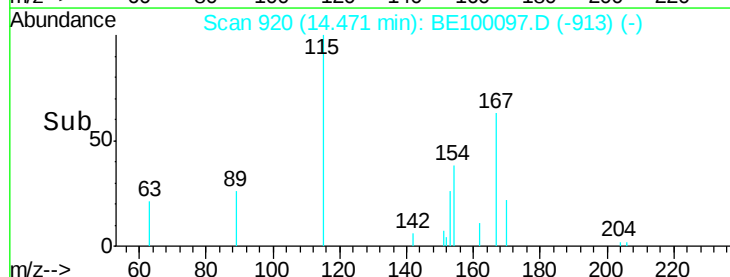


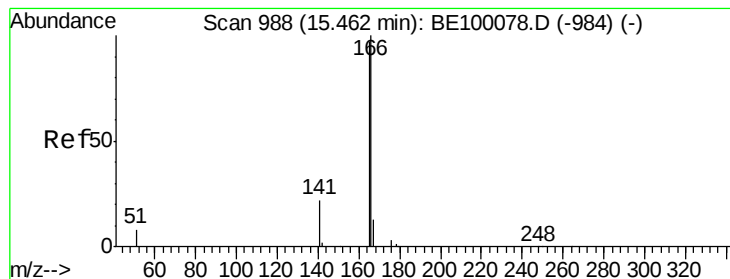
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time--> 14.40 14.45 14.50





#18

Fluorene

Concen: 0.137 ng

RT: 15.45 min Scan# 987

Delta R.T. -0.01 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

Instrument :

BNA_E

ClientSampleId :

SS043MW009-190610

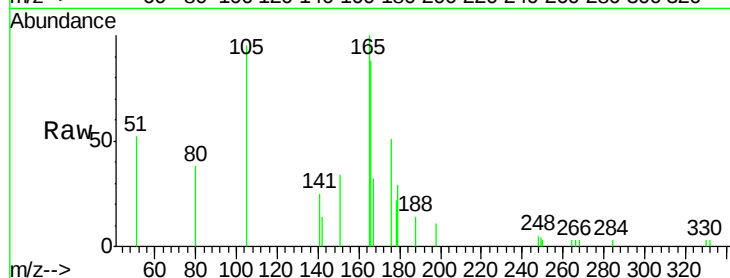
Tgt Ion:166 Resp: 1642

Ion Ratio Lower Upper

166 100

165 103.0 79.8 119.8

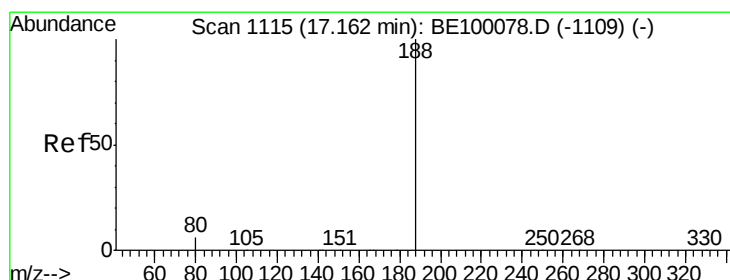
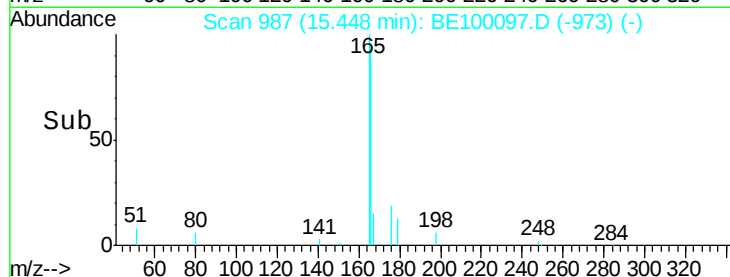
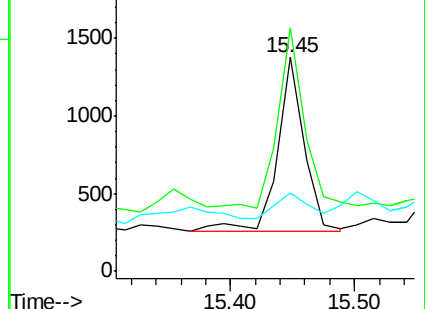
167 18.3 10.2 15.4#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

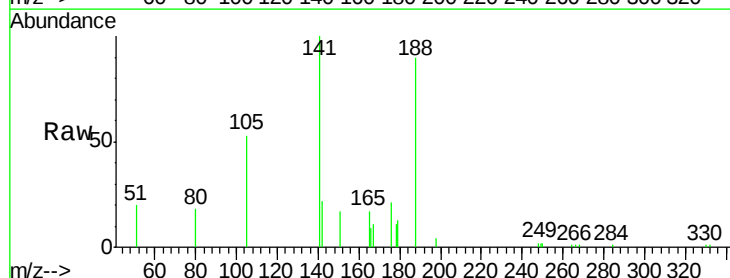
Tgt Ion:188 Resp: 7556

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

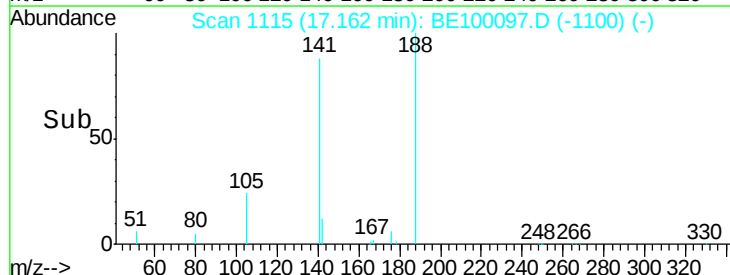
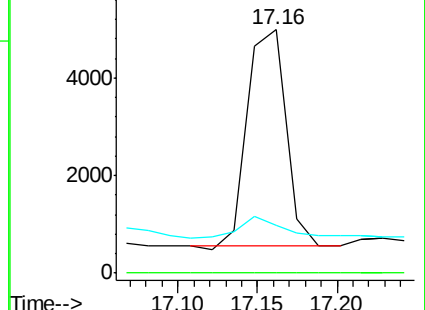
80 19.8 6.3 9.5#

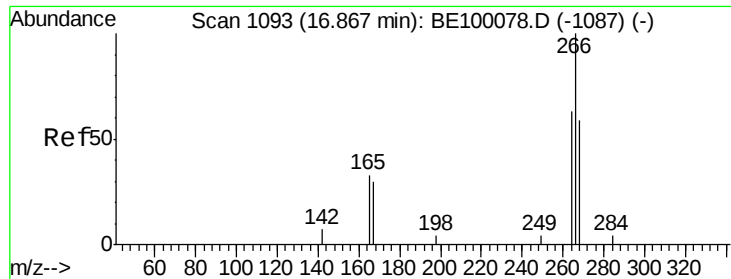


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#22

Pentachlorophenol

Concen: 0.271 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.07 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

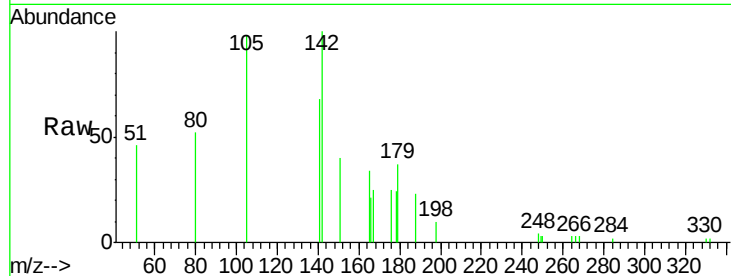
Instrument :

BNA_E

ClientSampleId :

SS043MW009-190610

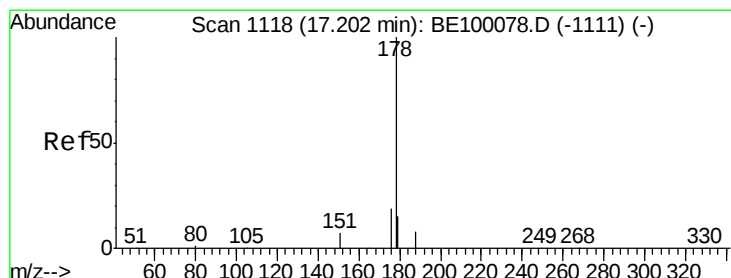
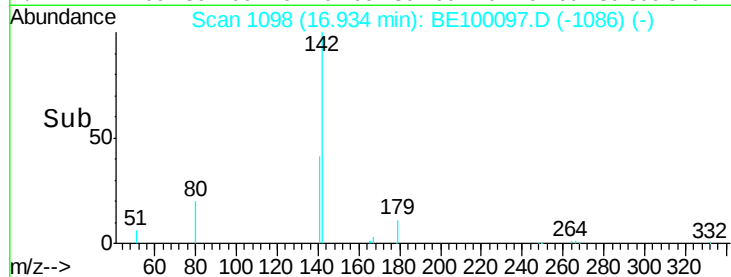
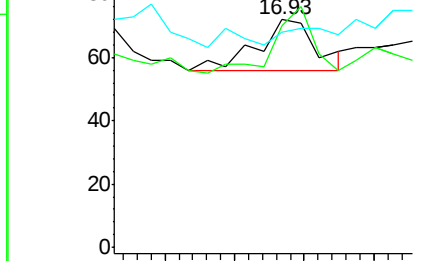
Tgt Ion:	266	Resp:	47
Ion	Ratio	Lower	Upper
266	100		
264	97.2	67.8	101.6
268	94.4	70.0	105.0



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: 0.066 ng

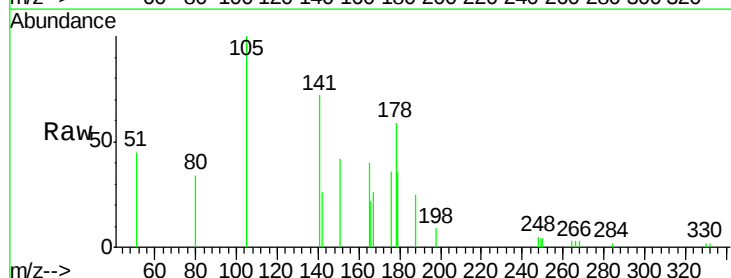
RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100097.D

Acq: 20 Jun 2019 00:04

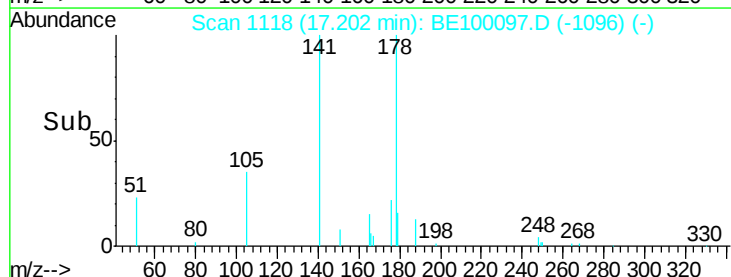
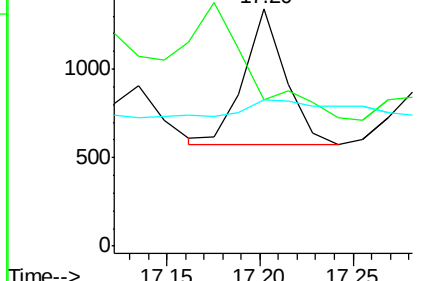
Tgt Ion:	178	Resp:	1188
Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.9	23.9#
179	43.0	13.1	19.7#

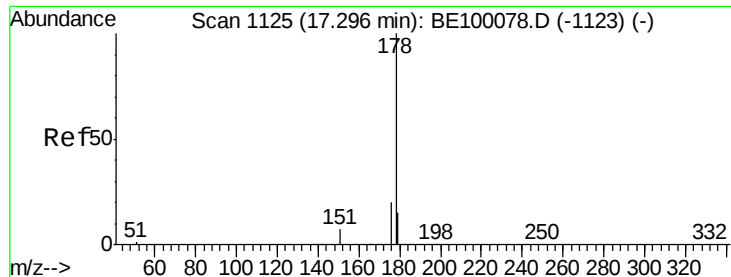


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

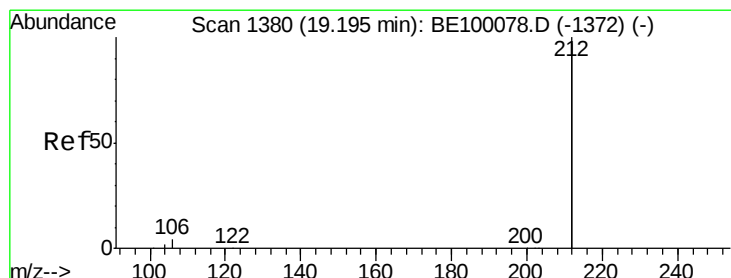
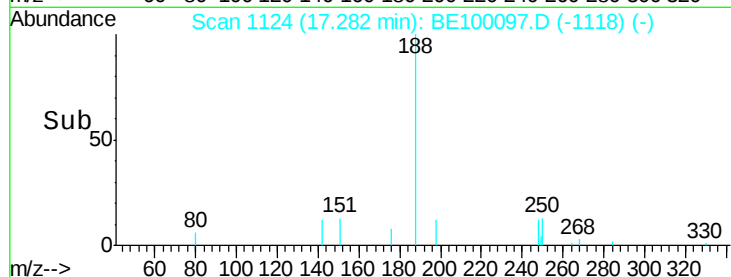
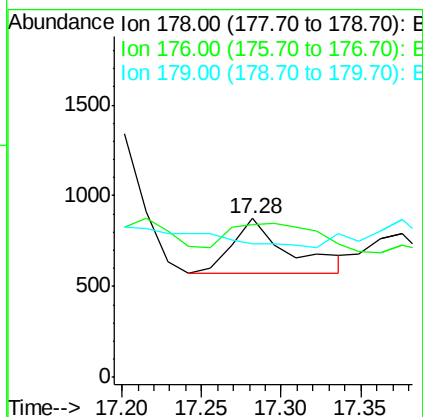
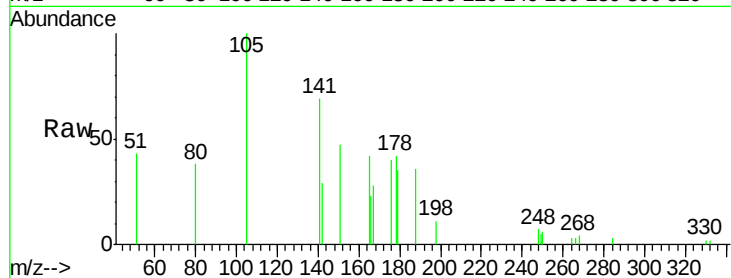




#24
 Anthracene
 Concen: 0.048 ng
 RT: 17.28 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BE100097.D
 Acq: 20 Jun 2019 00:04

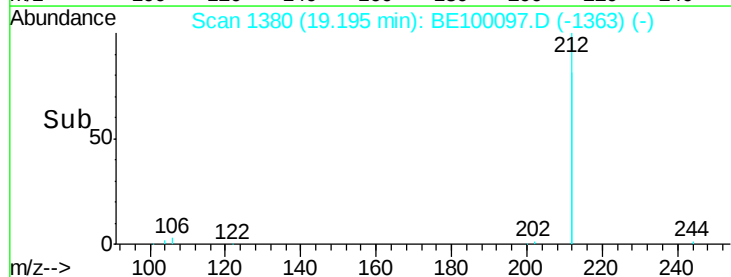
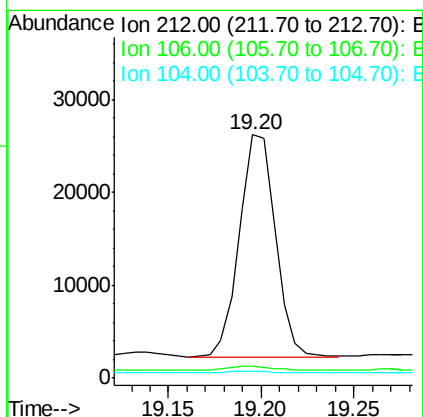
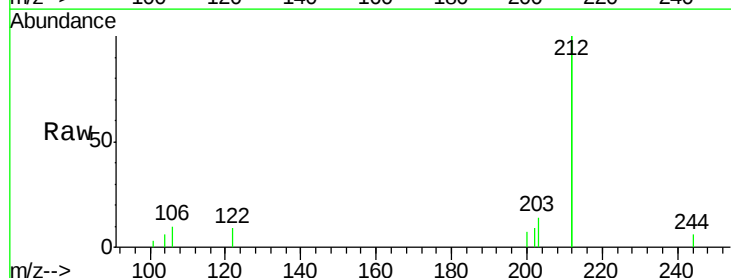
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW009-190610

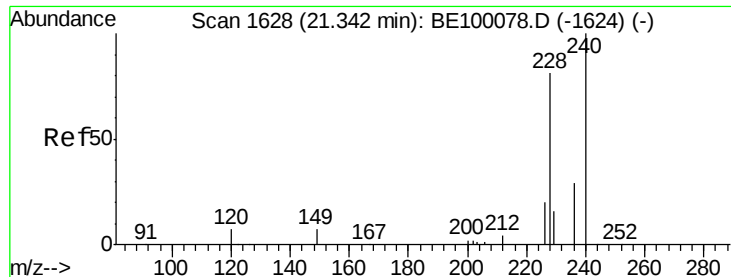
Tgt Ion:178 Resp: 727
 Ion Ratio Lower Upper
 178 100
 176 88.0 15.8 23.6#
 179 0.0 12.0 18.0#



#25
 Fluoranthene-d10
 Concen: 0.301 ng
 RT: 19.20 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BE100097.D
 Acq: 20 Jun 2019 00:04

Tgt Ion:212 Resp: 32518
 Ion Ratio Lower Upper
 212 100
 106 2.0 1.4 2.0
 104 1.1 0.8 1.2

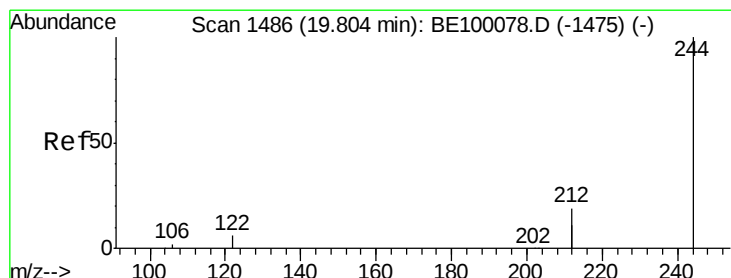
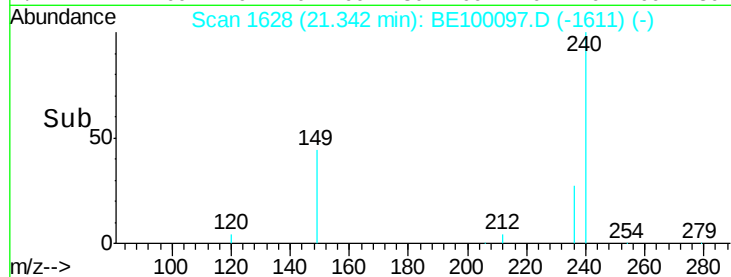
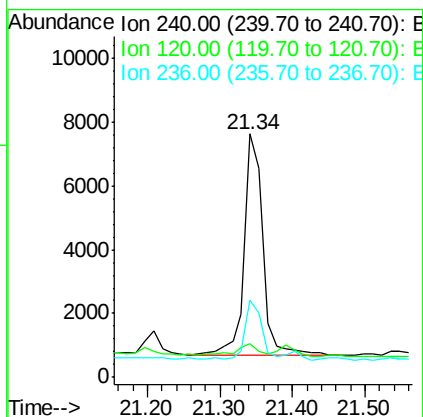
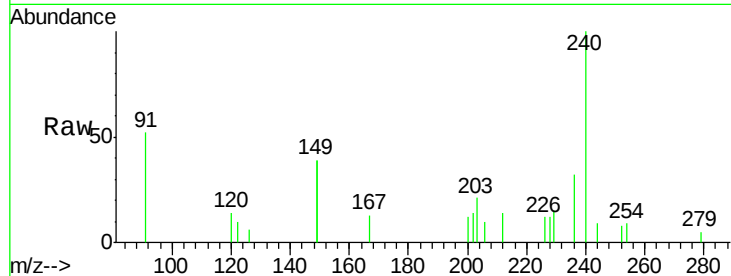




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.34 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BE100097.D
 Acq: 20 Jun 2019 00:04

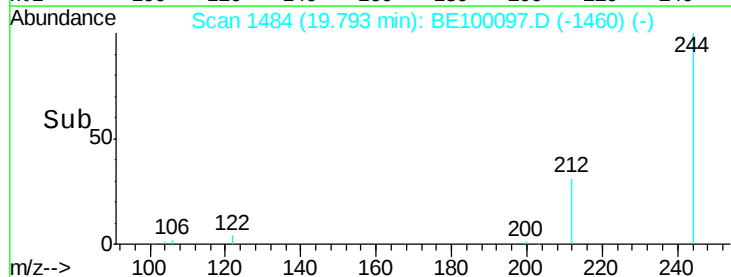
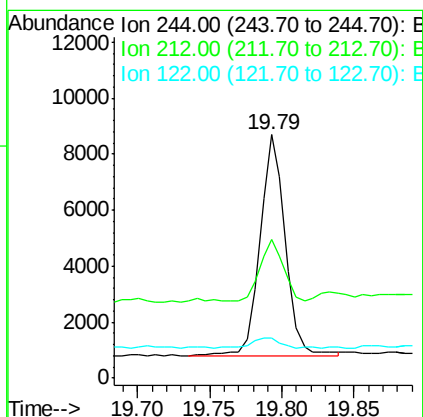
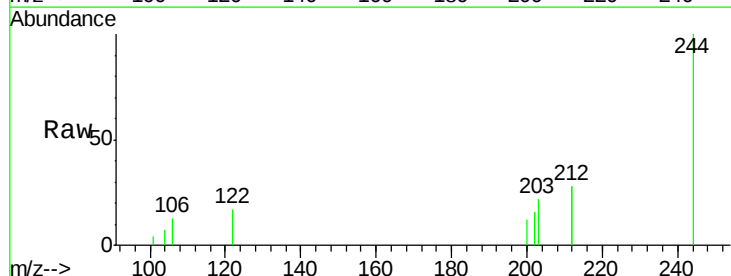
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW009-190610

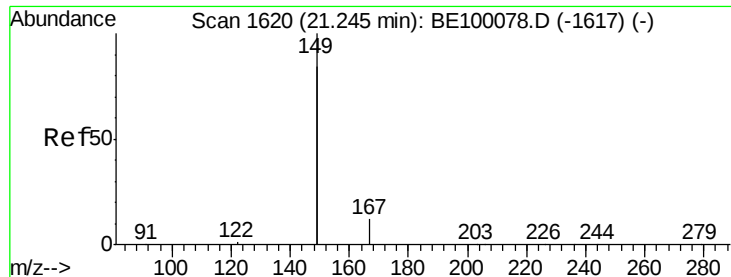
Tgt Ion: 240 Resp: 12520
 Ion Ratio Lower Upper
 240 100
 120 13.8 6.6 10.0#
 236 31.7 23.8 35.6



#29
 Terphenyl-d14
 Concen: 0.394 ng
 RT: 19.79 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BE100097.D
 Acq: 20 Jun 2019 00:04

Tgt Ion: 244 Resp: 9868
 Ion Ratio Lower Upper
 244 100
 212 56.8 29.8 44.8#
 122 16.5 6.1 9.1#

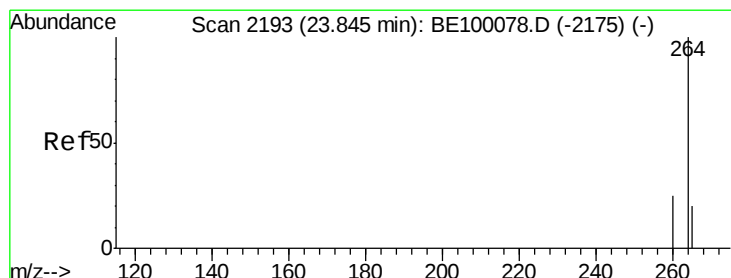
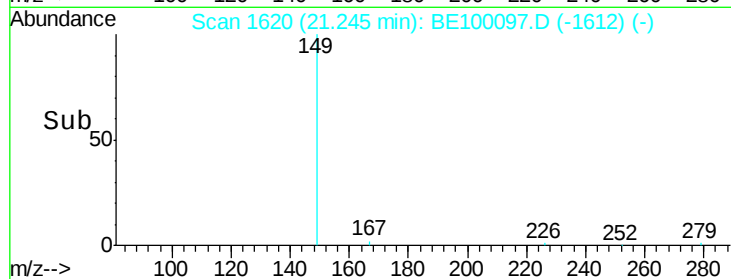
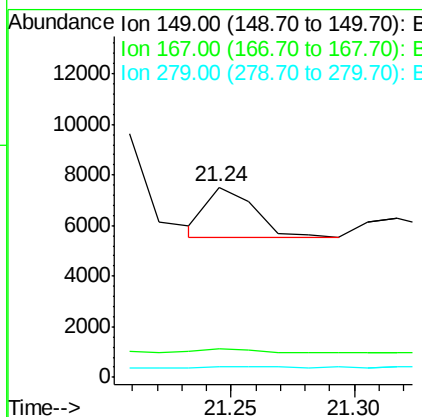
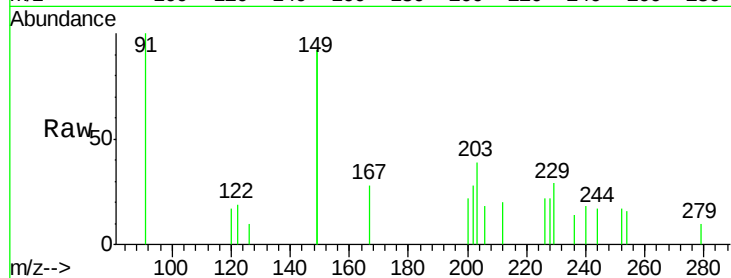




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.075 ng
 RT: 21.24 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BE100097.D
 Acq: 20 Jun 2019 00:04

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW009-190610

Tgt Ion:149 Resp: 2638
 Ion Ratio Lower Upper
 149 100
 167 10.7 5.8 8.6#
 279 3.4 1.1 1.7#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.84 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: BE100097.D
 Acq: 20 Jun 2019 00:04

Tgt Ion:264 Resp: 12032
 Ion Ratio Lower Upper
 264 100
 260 27.0 20.8 31.2
 265 34.5 23.2 34.8

