

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
 Data File : BE100267.D
 Acq On : 1 Jul 2019 16:05
 Operator : JU/SJ
 Sample : K3428-03 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXT-084-SW168-061319

Quant Time: Jul 02 02:20:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	833	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	3027	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2428	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	6652	0.40	ng	0.00
27) Chrysene-d12	21.25	240	9423	0.40	ng	0.00
34) Perylene-d12	23.68	264	11135	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	93	0.04	ng	0.01
5) Phenol-d6	6.84	99	103	0.04	ng	0.00
8) Nitrobenzene-d5	8.82	82	124	0.04	ng	0.00
11) 2-Methylnaphthalene-d10	12.04	152	513	0.09	ng	-0.02
14) 2,4,6-Tribromophenol	15.81	330	75	0.04	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	341	0.04	ng	0.00
25) Fluoranthene-d10	19.10	212	7850	0.08	ng	0.00
29) Terphenyl-d14	19.70	244	2533	0.13	ng	0.00

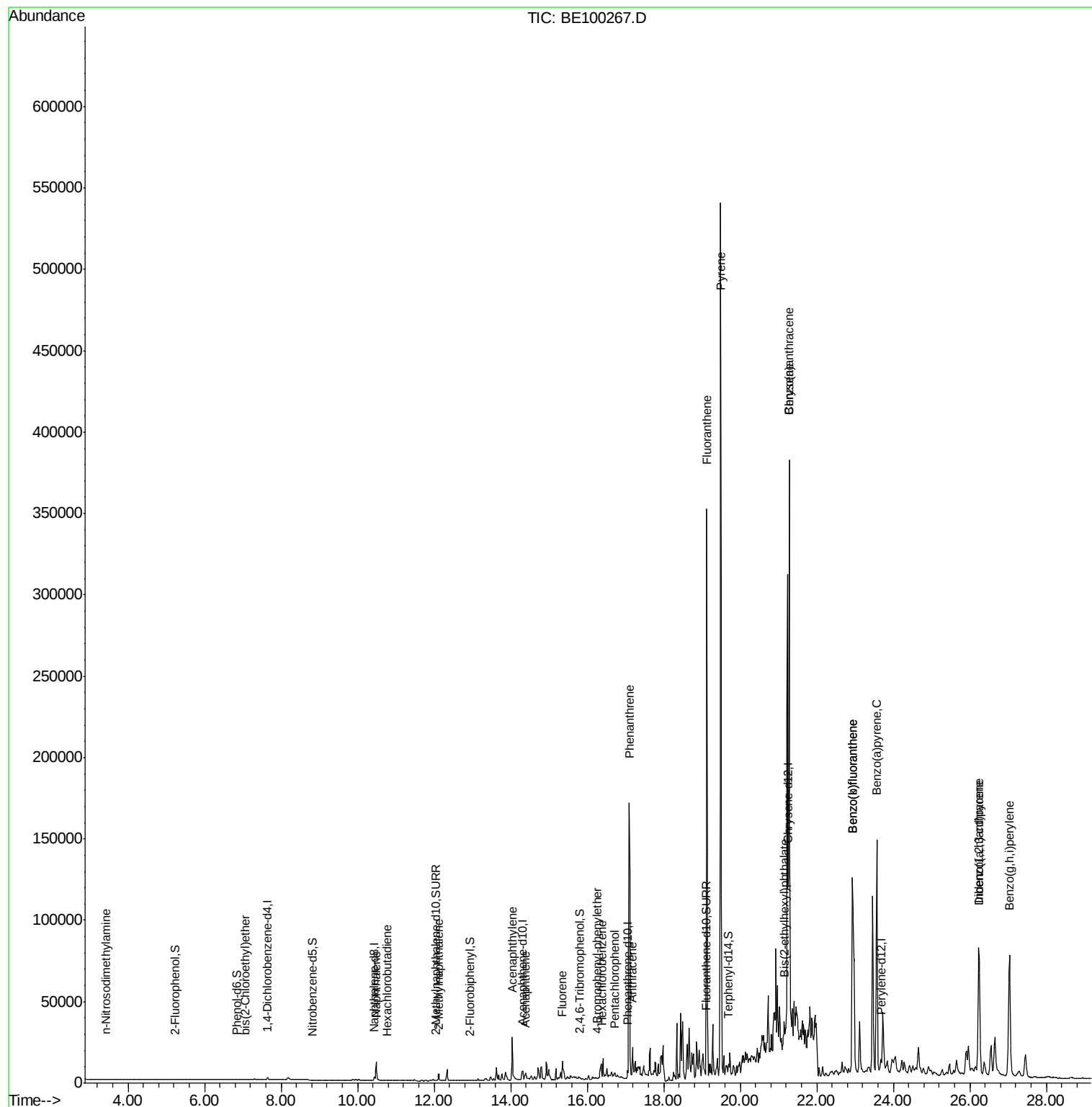
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.43	42	35	0.058	ng	# 1
6) bis(2-Chloroethyl)ether	7.06	93	14	0.006	ng	# 35
9) Naphthalene	10.48	128	20086	0.602	ng	98
10) Hexachlorobutadiene	10.77	225	5	0.002	ng	# 20
12) 2-Methylnaphthalene	12.12	142	3609	0.616	ng	96
16) Acenaphthylene	14.04	152	34946	2.999	ng	99
17) Acenaphthene	14.38	154	2297	0.348	ng	91
18) Fluorene	15.35	166	10039	1.028	ng	# 86
20) 4-Bromophenyl-phenylether	16.25	248	15	0.004	ng	# 1
21) Hexachlorobenzene	16.37	284	23	0.005	ng	# 1
22) Pentachlorophenol	16.72	266	10	0.008	ng	# 71
23) Phenanthrene	17.09	178	191048	11.850	ng	99
24) Anthracene	17.19	178	21520	1.482	ng	# 95
26) Fluoranthene	19.13	202	312808	12.181	ng	98
28) Pyrene	19.49	202	504255	20.212	ng	96
30) Benzo(a)anthracene	21.28	228	317905	10.261	ng	95
31) Chrysene	21.28	228	315208	10.132	ng	97
32) Bis(2-ethylhexyl)phthalate	21.15	149	4195	0.038	ng	# 94
33) Indeno(1,2,3-cd)pyrene	26.24	276	147635	3.588	ng	# 97
35) Benzo(b)fluoranthene	22.94	252	256430	8.494	ng	# 96
36) Benzo(k)fluoranthene	22.94	252	256430	7.610	ng	98
37) Benzo(a)pyrene	23.57	252	222530	7.355	ng	# 93
38) Dibenzo(a,h)anthracene	26.25	278	44352	1.404	ng	# 88
39) Benzo(g,h,i)perylene	27.03	276	180510	5.560	ng	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
Data File : BE100267.D
Acq On : 1 Jul 2019 16:05
Operator : JU/SJ
Sample : K3428-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW168-061319

Quant Time: Jul 02 02:20:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.64 min Scan# 415

Delta R.T. -0.00 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

Instrument :

BNA_M

ClientSampleId :

EXT-084-SW168-061319

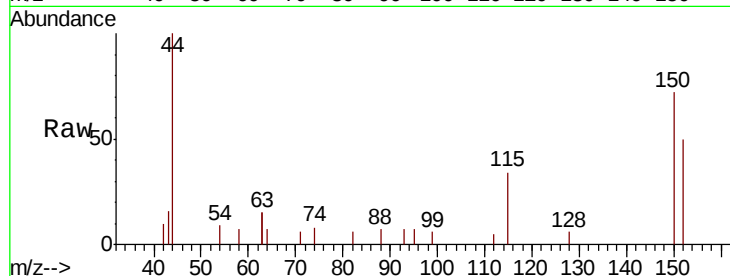
Tgt Ion:152 Resp: 833

Ion Ratio Lower Upper

152 100

150 144.1 114.5 171.7

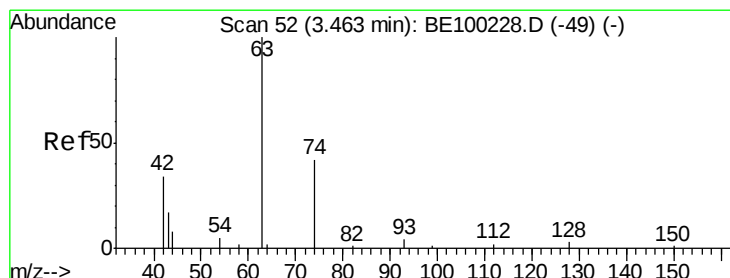
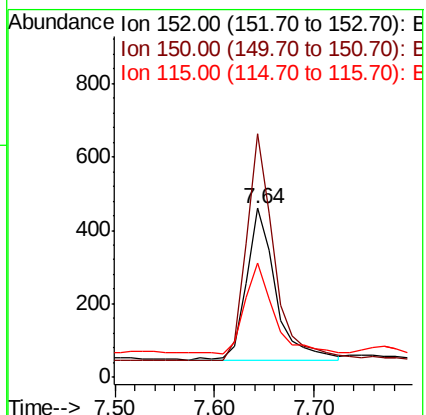
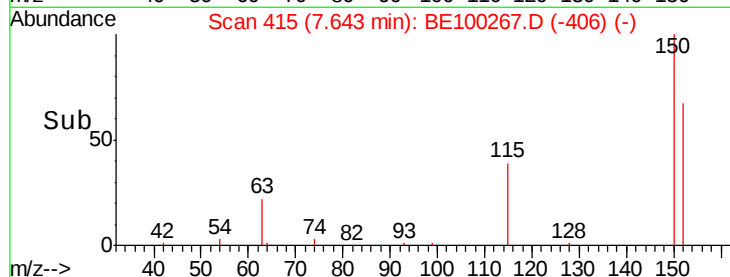
115 67.6 57.1 85.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

n-Nitrosodimethylamine

Concen: 0.058 ng

RT: 3.43 min Scan# 49

Delta R.T. -0.04 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

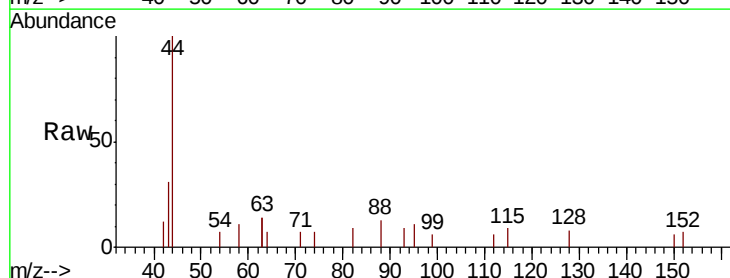
Tgt Ion: 42 Resp: 35

Ion Ratio Lower Upper

42 100

74 28.6 130.6 196.0#

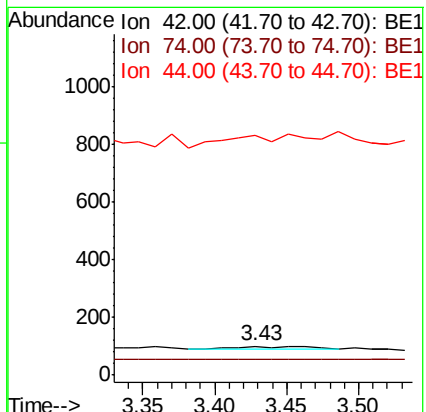
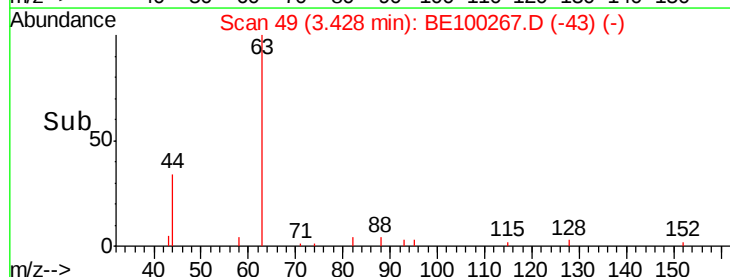
44 285.7 38.0 57.0#



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: 0.044 ng

RT: 5.22 min Scan# 205

Delta R.T. 0.01 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

Instrument :

BNA_M

ClientSampleId :

EXT-084-SW168-061319

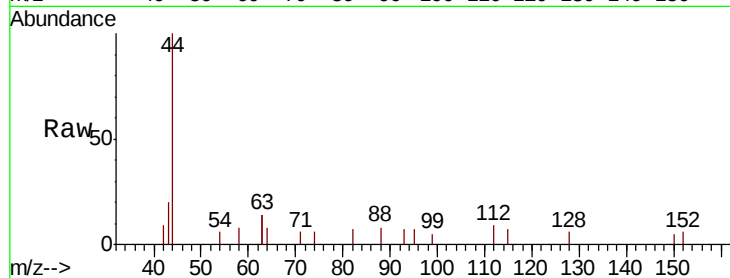
Tgt Ion: 112 Resp: 93

Ion Ratio Lower Upper

112 100

64 40.9 39.4 59.0

63 136.6 104.5 156.7



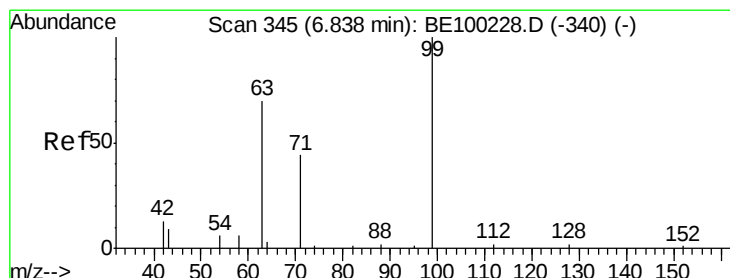
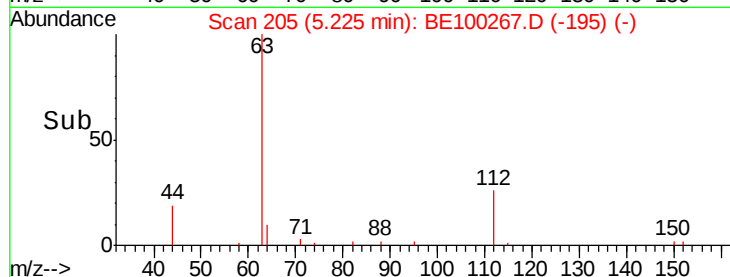
Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Time-->

5.10 5.20 5.30



#5

Phenol-d6

Concen: 0.037 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

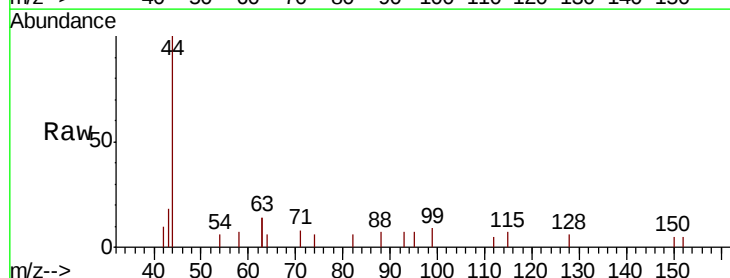
Tgt Ion: 99 Resp: 103

Ion Ratio Lower Upper

99 100

42 17.5 11.2 16.8#

71 58.3 37.2 55.8#



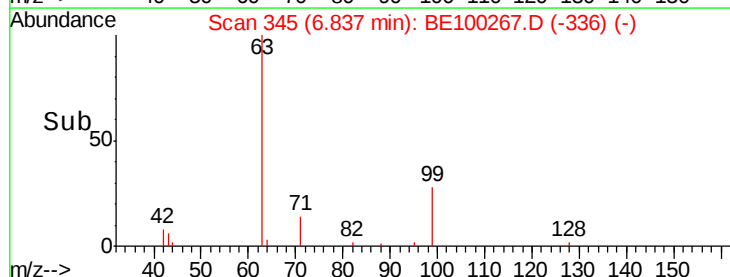
Abundance Ion 99.00 (98.70 to 99.70): BE1

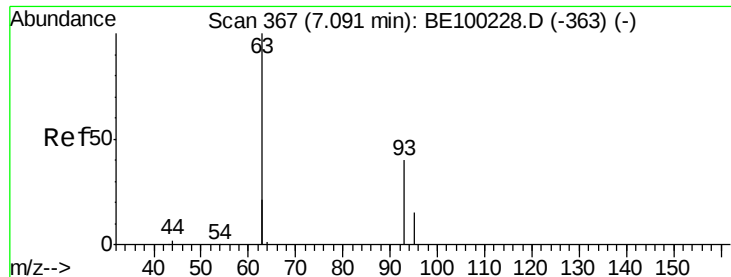
Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

Time-->

6.70 6.80 6.90 7.00





#6

bis(2-Chloroethyl)ether

Concen: 0.006 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.04 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

Instrument :

BNA_M

ClientSampleId :

EXT-084-SW168-061319

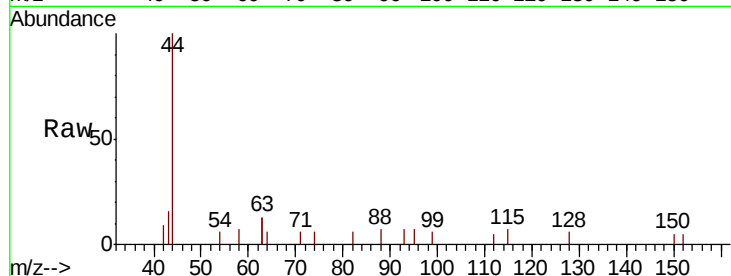
Tgt Ion: 93 Resp: 14

Ion Ratio Lower Upper

93 100

63 292.9 155.6 233.4#

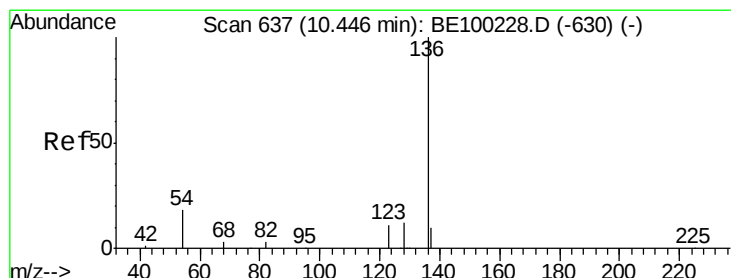
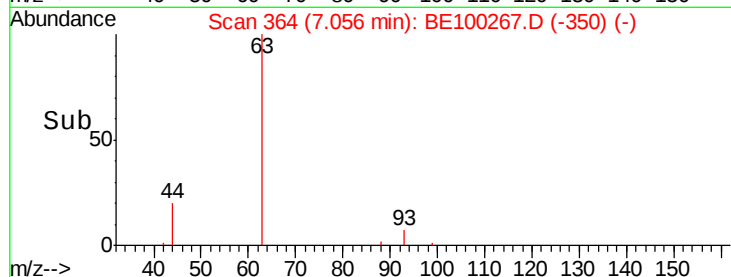
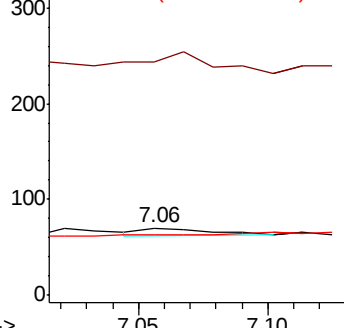
95 0.0 23.0 34.4#



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: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

Tgt Ion: 136 Resp: 3027

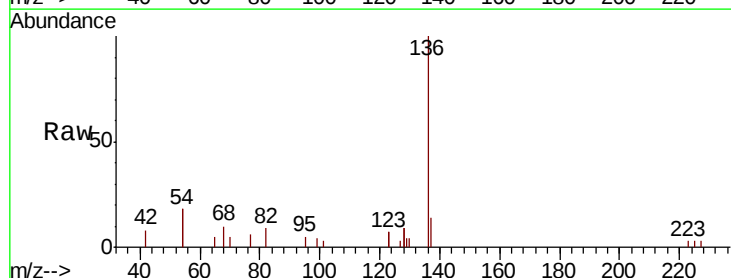
Ion Ratio Lower Upper

136 100

137 13.5 11.8 17.8

54 36.8 27.7 41.5

68 9.6 6.8 10.2

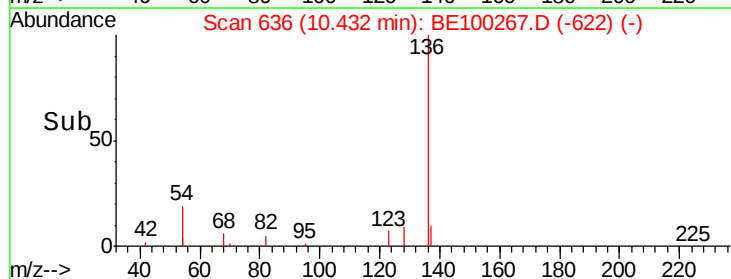
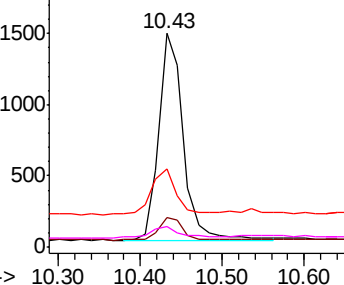


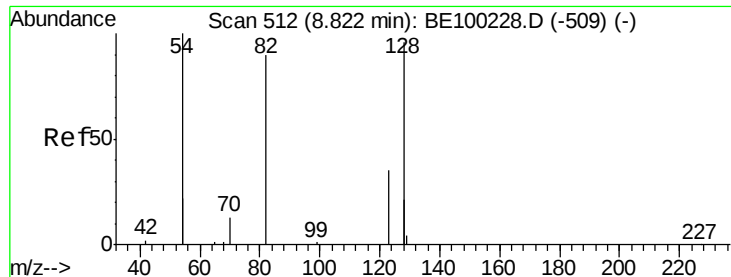
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.041 ng

RT: 8.82 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

Instrument :

BNA_M

ClientSampleId :

EXT-084-SW168-061319

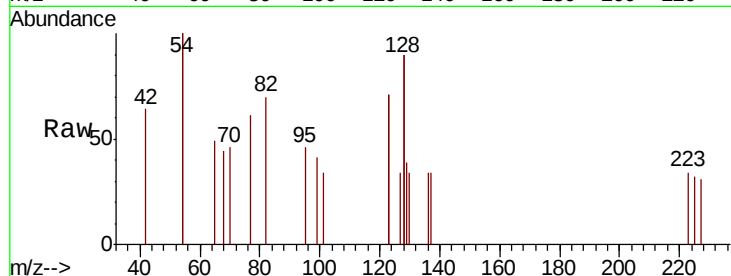
Tgt Ion: 82 Resp: 124

Ion Ratio Lower Upper

82 100

128 257.1 140.9 211.3#

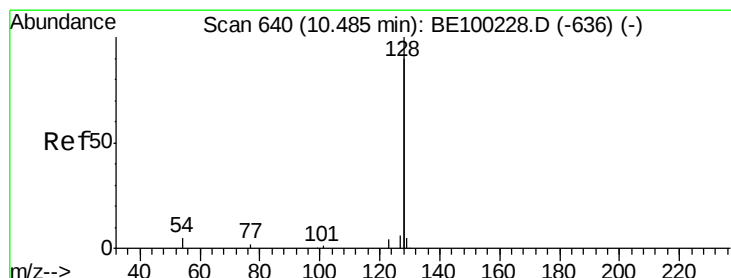
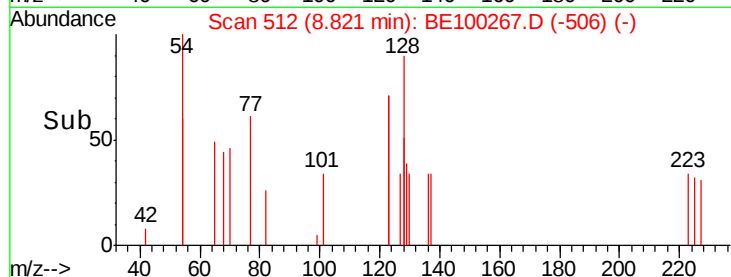
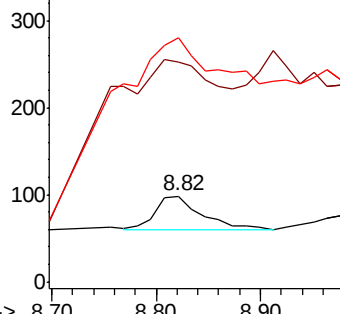
54 285.7 146.2 219.2#



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#9

Naphthalene

Concen: 0.602 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

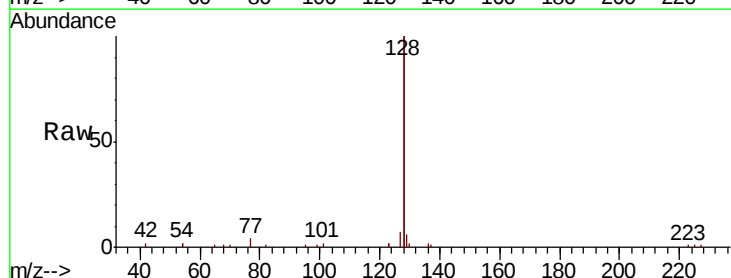
Tgt Ion: 128 Resp: 20086

Ion Ratio Lower Upper

128 100

129 3.2 3.0 4.6

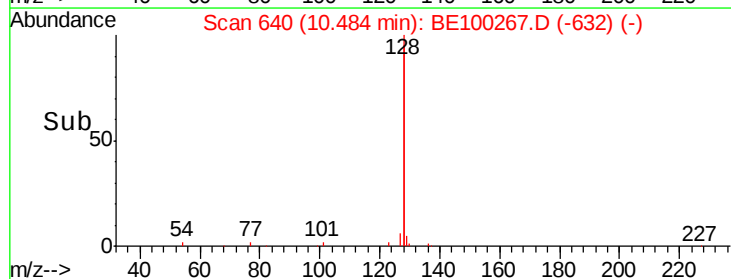
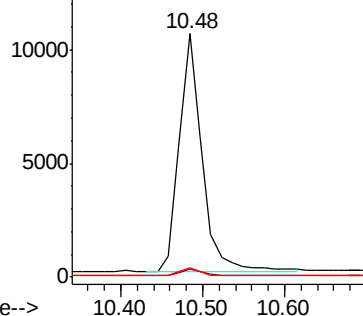
127 3.6 3.5 5.3

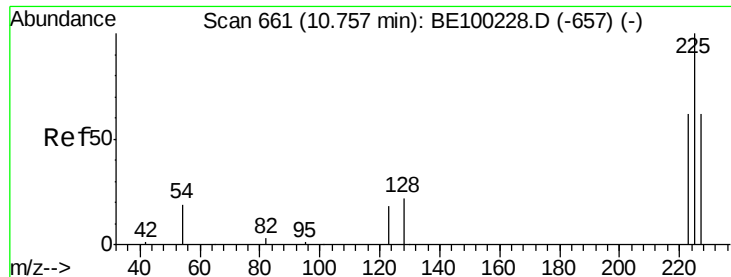


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

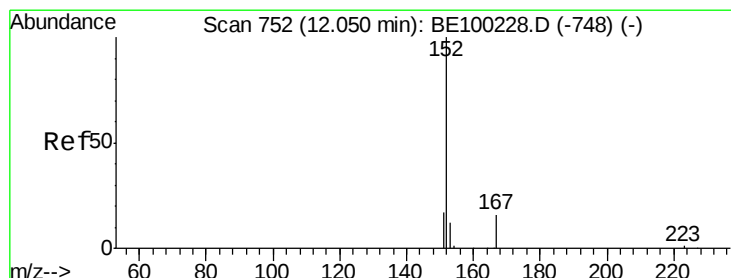
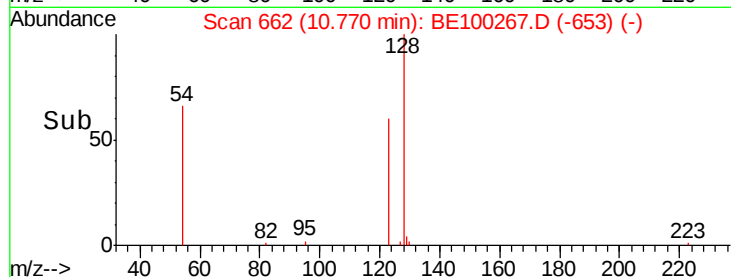
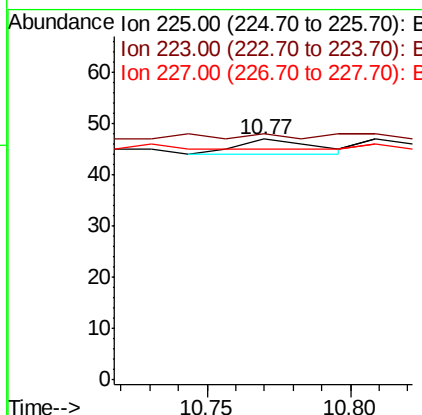
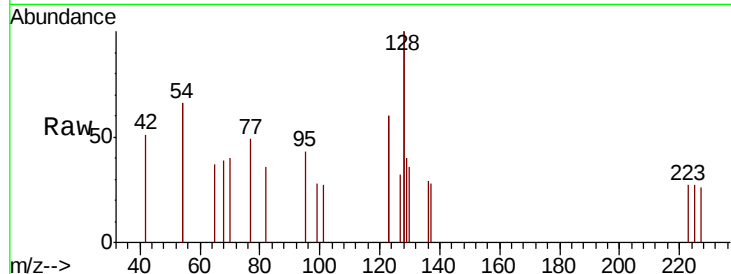




#10
 Hexachlorobutadiene
 Concen: 0.002 ng
 RT: 10.77 min Scan# 662
 Delta R.T. 0.01 min
 Lab File: BE100267.D
 Acq: 1 Jul 2019 16:05

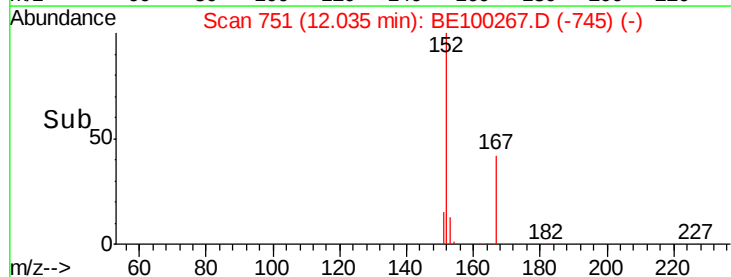
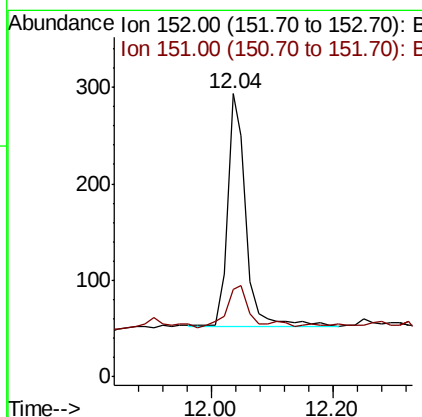
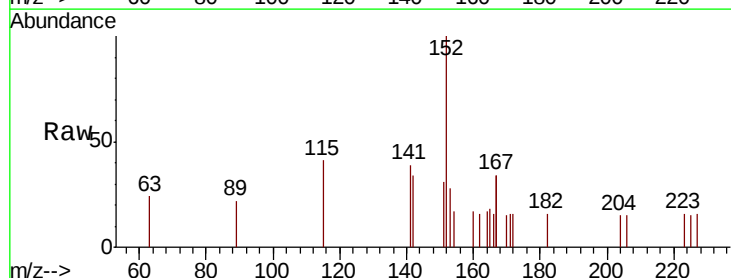
Instrument :
 BNA_M
 ClientSampleId :
 EXT-084-SW168-061319

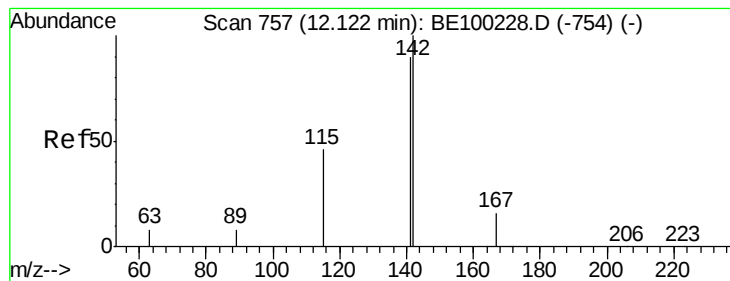
Tgt Ion: 225 Resp: 5
 Ion Ratio Lower Upper
 225 100
 223 0.0 49.1 73.7#
 227 0.0 49.3 73.9#



#11
 2-Methylnaphthalene-d10
 Concen: 0.090 ng
 RT: 12.04 min Scan# 751
 Delta R.T. -0.02 min
 Lab File: BE100267.D
 Acq: 1 Jul 2019 16:05

Tgt Ion: 152 Resp: 513
 Ion Ratio Lower Upper
 152 100
 151 21.1 15.1 22.7





#12

2-Methylnaphthalene

Concen: 0.616 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

Instrument :

BNA_M

ClientSampleId :

EXT-084-SW168-061319

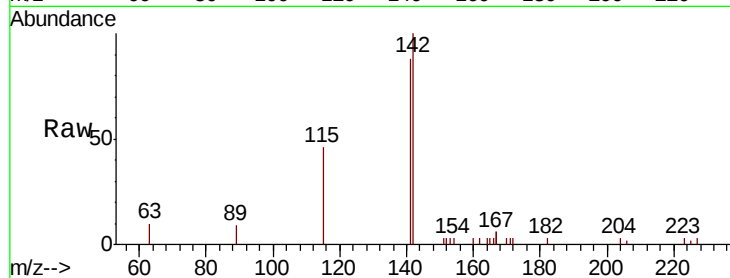
Tgt Ion:142 Resp: 3609

Ion Ratio Lower Upper

142 100

141 88.1 72.4 108.6

115 45.8 40.4 60.6

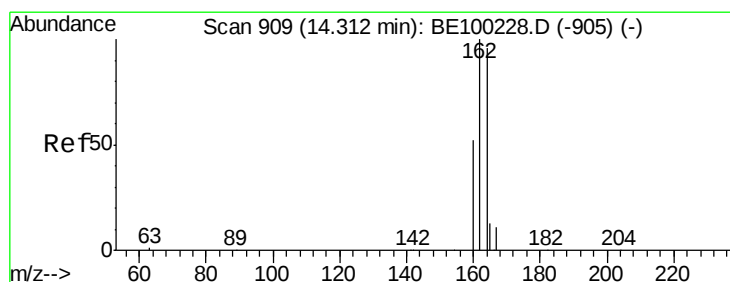
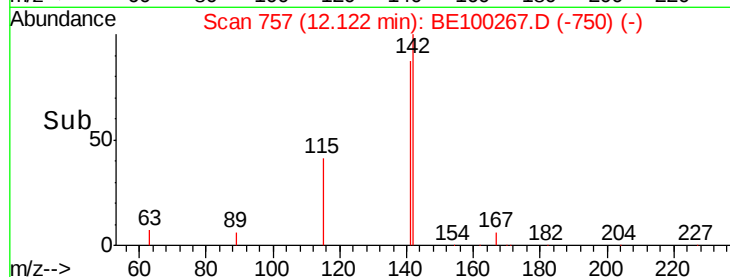
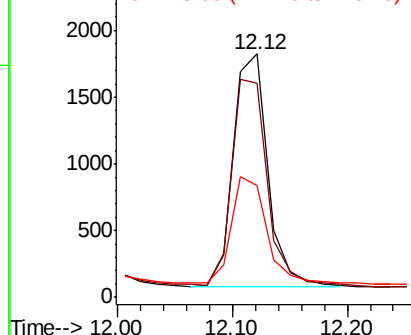


Abundance

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: 14.31 min Scan# 909

Delta R.T. -0.00 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

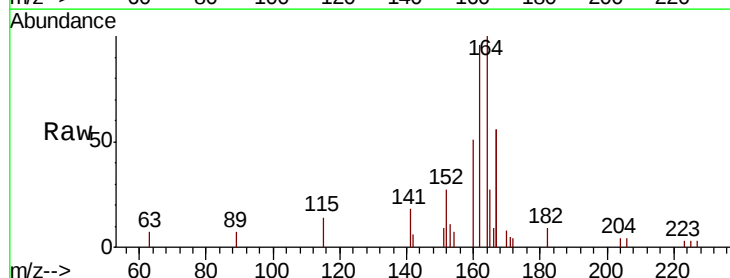
Tgt Ion:164 Resp: 2428

Ion Ratio Lower Upper

164 100

162 96.3 83.4 125.0

160 51.0 45.0 67.6

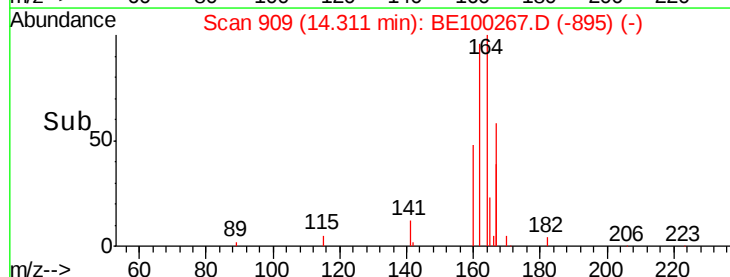
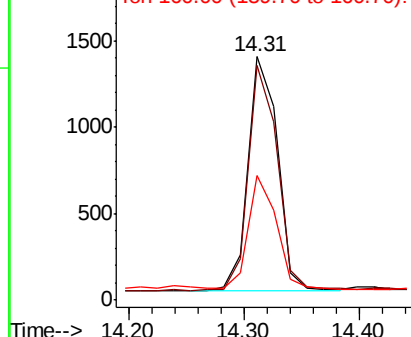


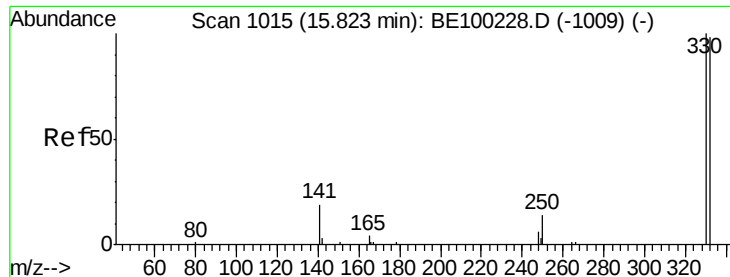
Abundance

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

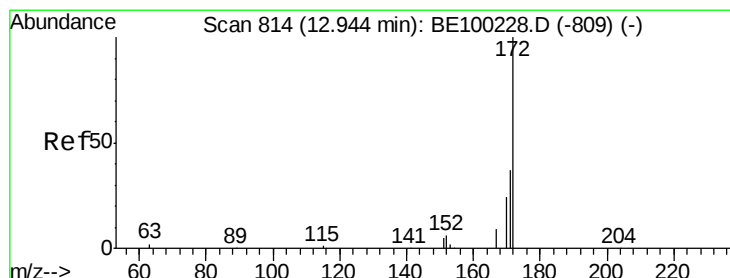
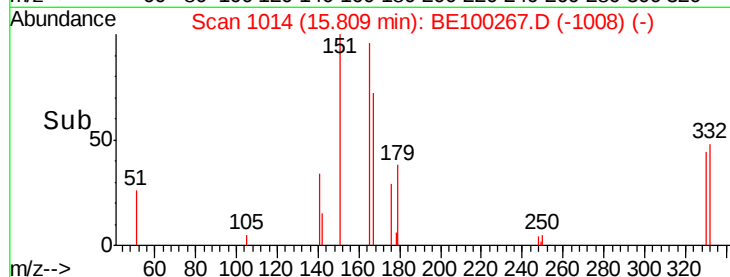
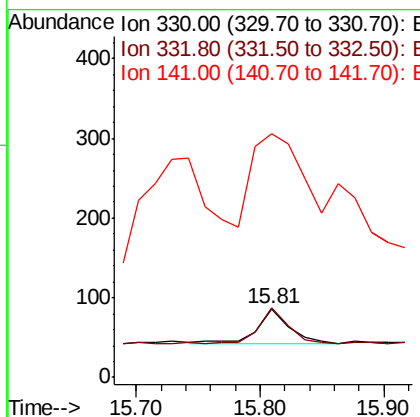
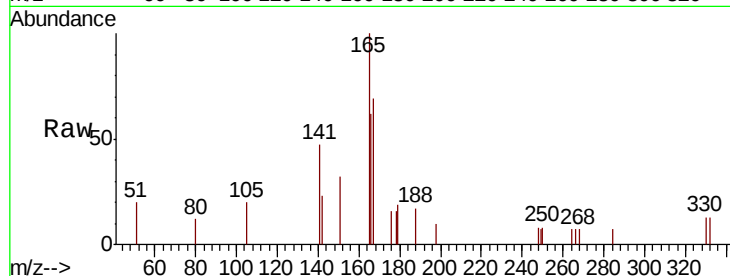




#14
 2,4,6-Tribromophenol
 Concen: 0.044 ng
 RT: 15.81 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BE100267.D
 Acq: 1 Jul 2019 16:05

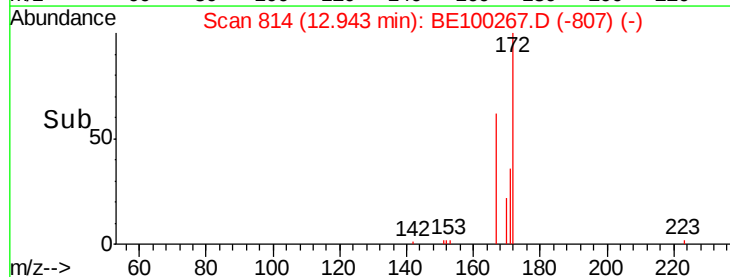
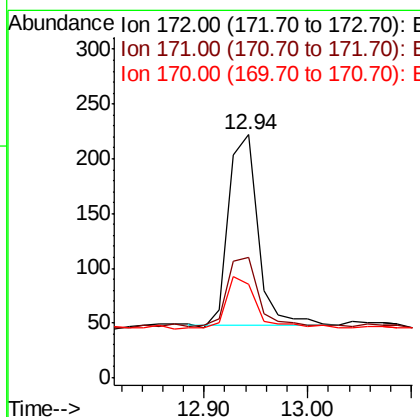
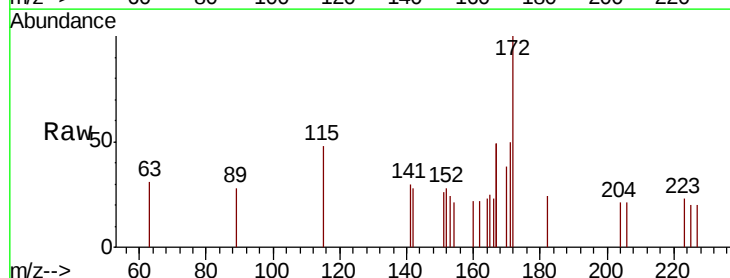
Instrument :
 BNA_M
 ClientSampleId :
 EXT-084-SW168-061319

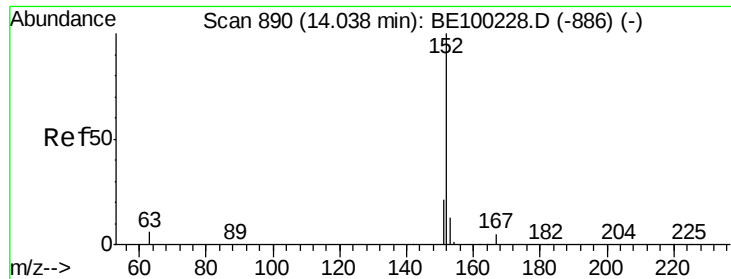
Tgt Ion: 330 Resp: 75
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.4
 141 994.7 22.0 33.0#



#15
 2-Fluorobiphenyl
 Concen: 0.036 ng
 RT: 12.94 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BE100267.D
 Acq: 1 Jul 2019 16:05

Tgt Ion: 172 Resp: 341
 Ion Ratio Lower Upper
 172 100
 171 49.5 31.9 47.9#
 170 38.3 22.2 33.2#

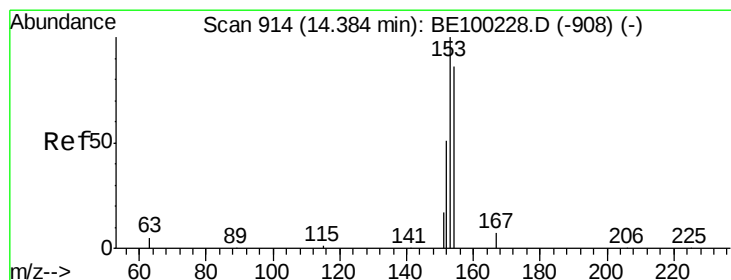
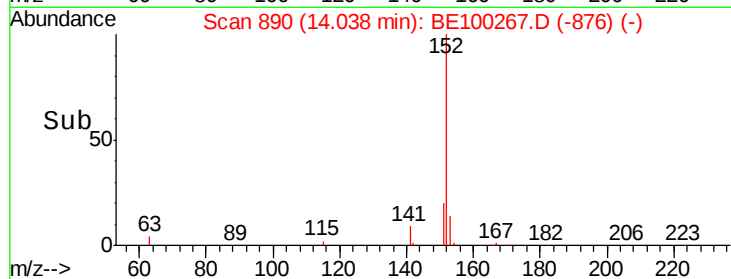
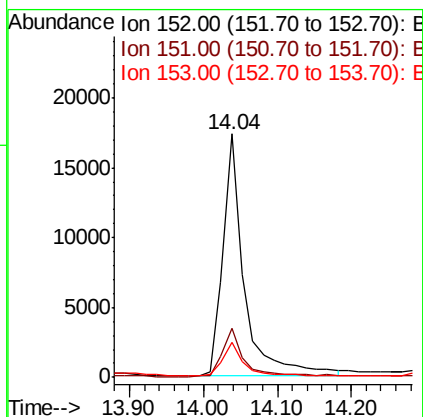
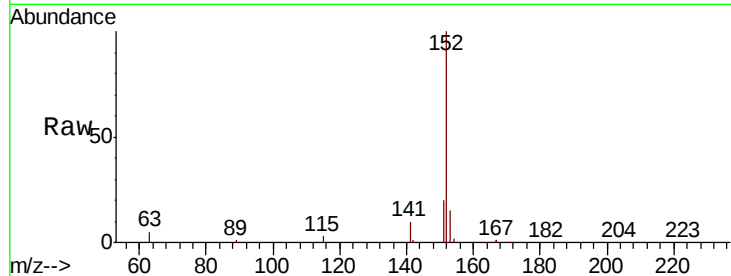




#16
Acenaphthylene
Concen: 2.999 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100267.D
Acq: 1 Jul 2019 16:05

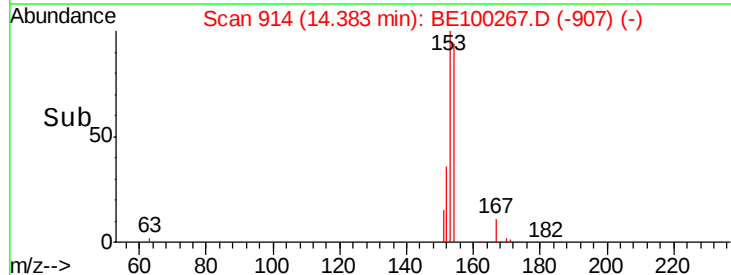
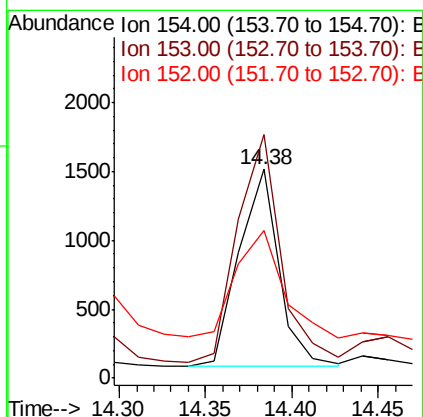
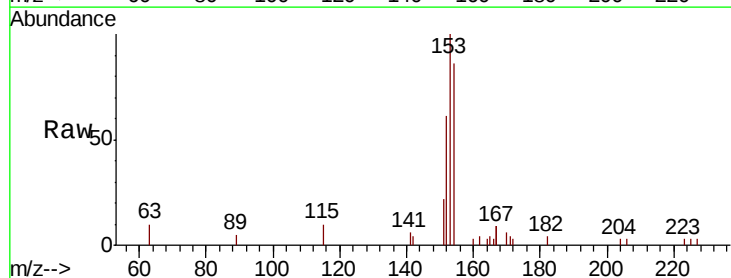
Instrument :
BNA_M
ClientSampleId :
EXT-084-SW168-061319

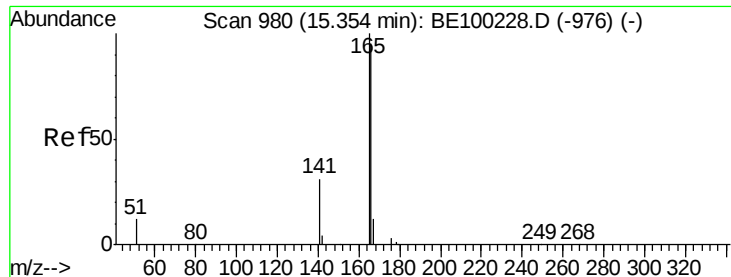
Tgt Ion:152 Resp: 34946
Ion Ratio Lower Upper
152 100
151 20.2 16.6 25.0
153 13.5 10.5 15.7



#17
Acenaphthene
Concen: 0.348 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100267.D
Acq: 1 Jul 2019 16:05

Tgt Ion:154 Resp: 2297
Ion Ratio Lower Upper
154 100
153 125.2 93.4 140.2
152 70.1 49.4 74.2

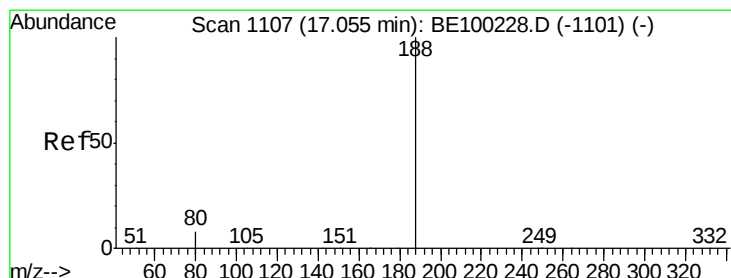
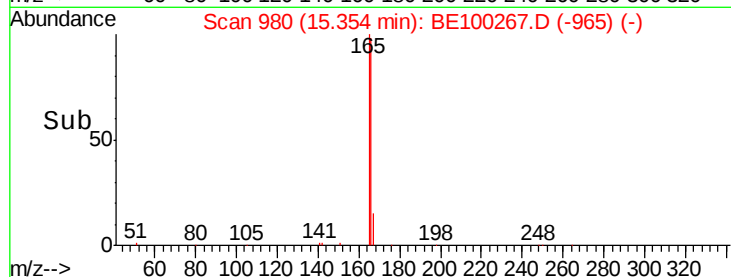
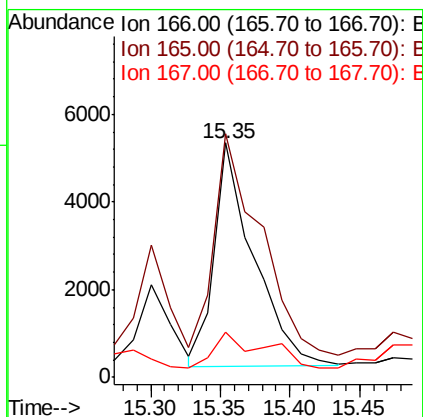
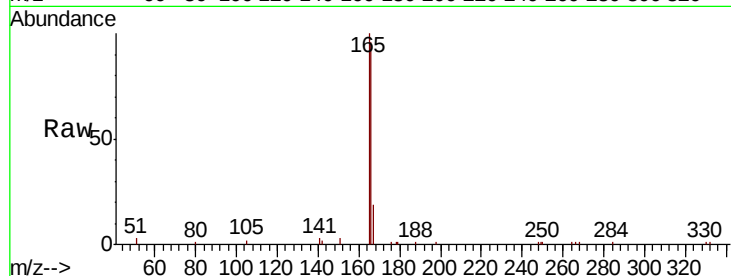




#18
Fluorene
 Concen: 1.028 ng
 RT: 15.35 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BE100267.D
 Acq: 1 Jul 2019 16:05

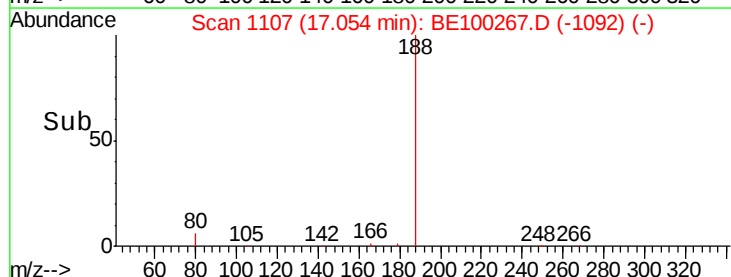
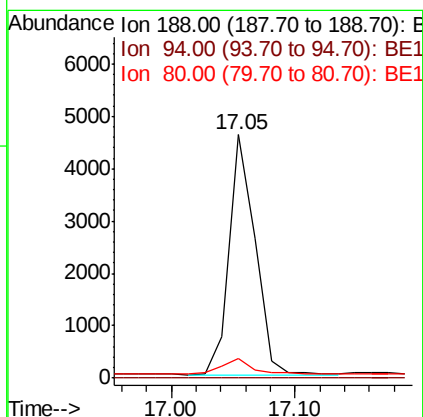
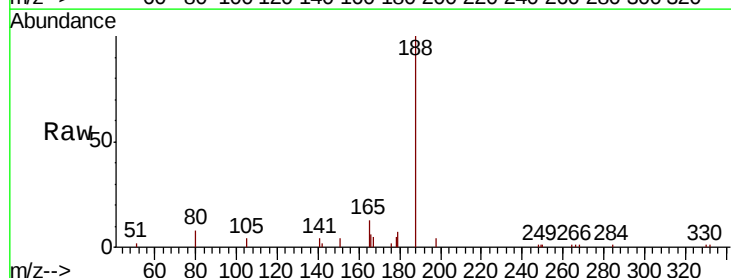
Instrument :
 BNA_M
 ClientSampleId :
 EXT-084-SW168-061319

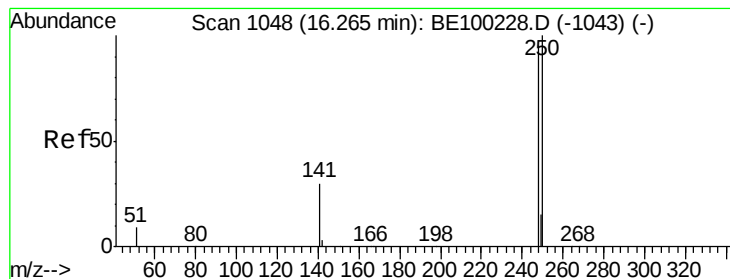
Tgt Ion:166 Resp: 10039
 Ion Ratio Lower Upper
 166 100
 165 115.3 81.1 121.7
 167 21.1 10.7 16.1#



#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.05 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BE100267.D
 Acq: 1 Jul 2019 16:05

Tgt Ion:188 Resp: 6652
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.0 7.6 11.4





#20

4-Bromophenyl-phenylether

Concen: 0.004 ng

RT: 16.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

Instrument :

BNA_M

ClientSampleId :

EXT-084-SW168-061319

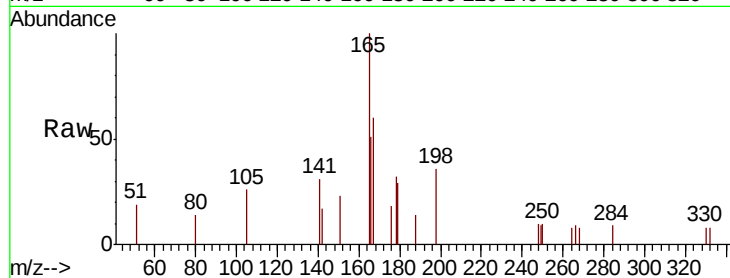
Tgt Ion:248 Resp: 15

Ion Ratio Lower Upper

248 100

250 98.2 84.2 126.4

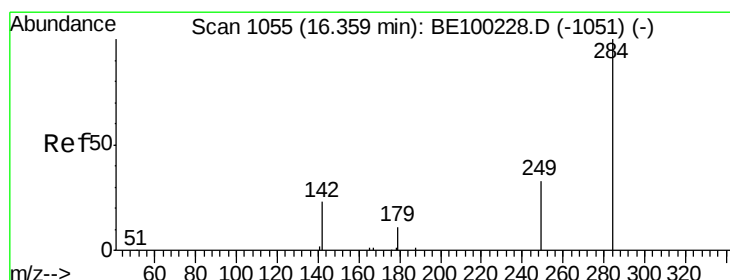
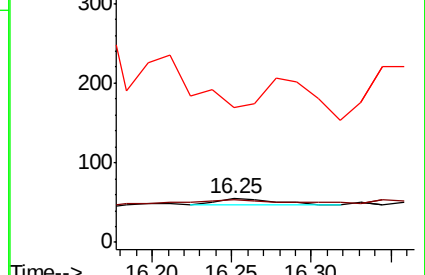
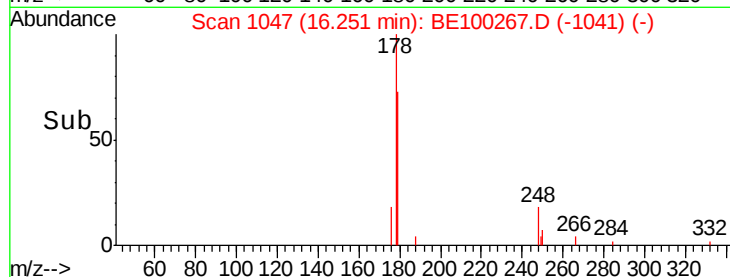
141 309.1 29.3 43.9#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#21

Hexachlorobenzene

Concen: 0.005 ng

RT: 16.37 min Scan# 1056

Delta R.T. 0.01 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

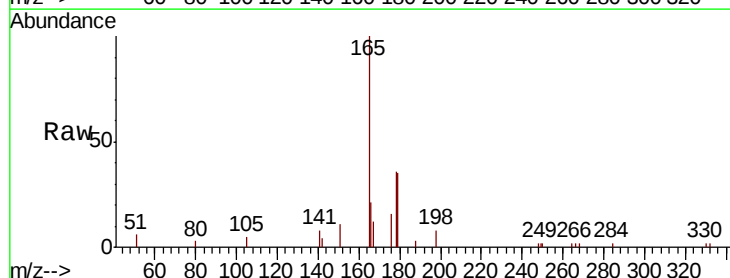
Tgt Ion:284 Resp: 23

Ion Ratio Lower Upper

284 100

142 387.0 18.8 28.2#

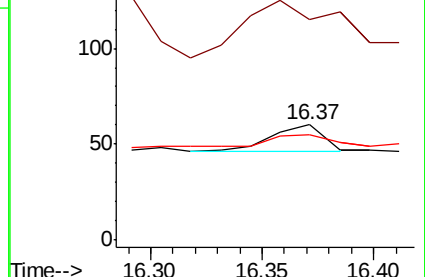
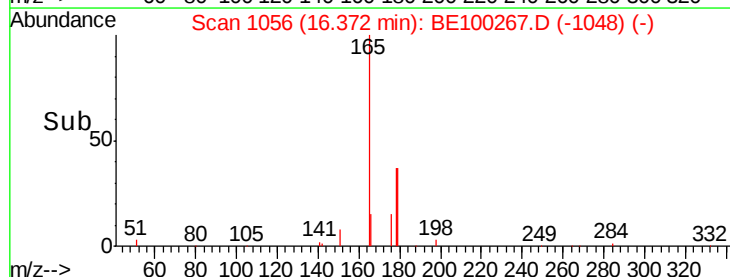
249 43.5 23.7 35.5#

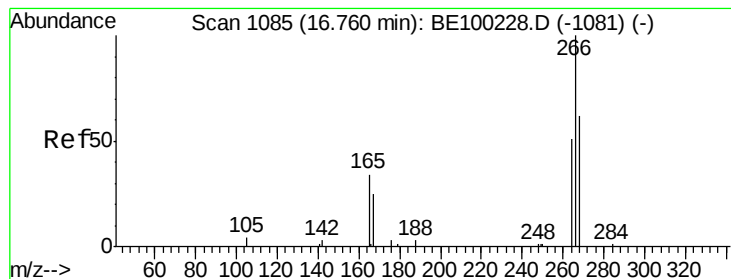


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#22

Pentachlorophenol

Concen: 0.008 ng

RT: 16.72 min Scan# 1082

Delta R.T. -0.04 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

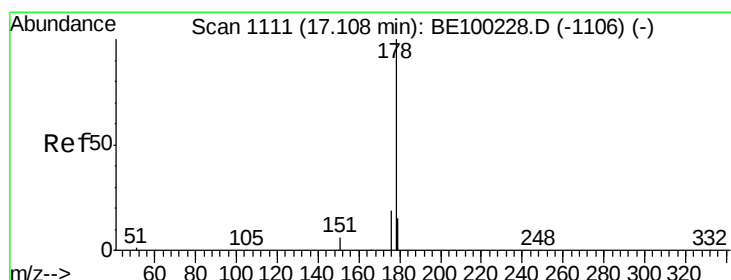
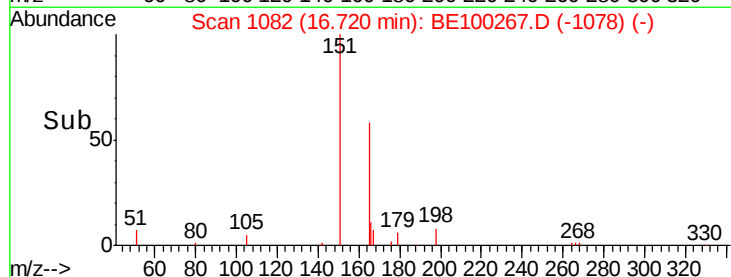
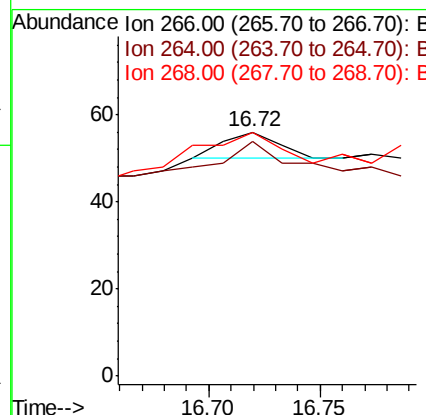
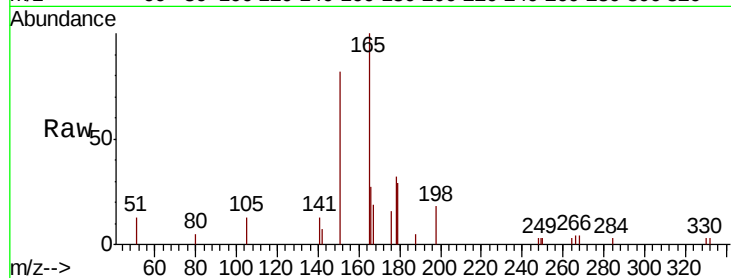
Instrument :

BNA_M

ClientSampleId :

EXT-084-SW168-061319

Tgt Ion:	266	Resp:	10
Ion	Ratio	Lower	Upper
266	100		
264	96.4	56.2	84.2#
268	100.0	61.8	92.6#



#23

Phenanthrene

Concen: 11.850 ng

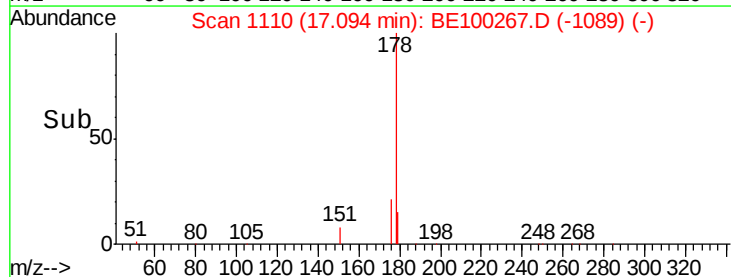
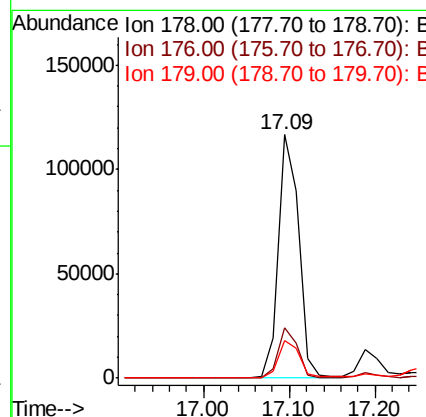
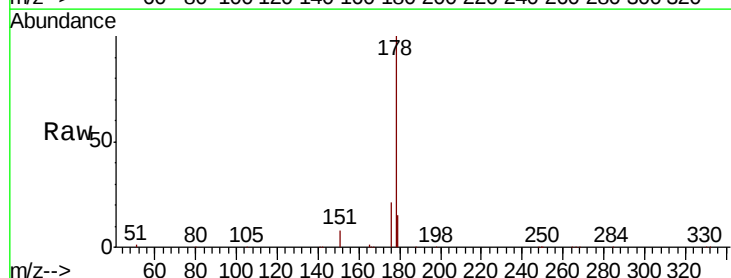
RT: 17.09 min Scan# 1110

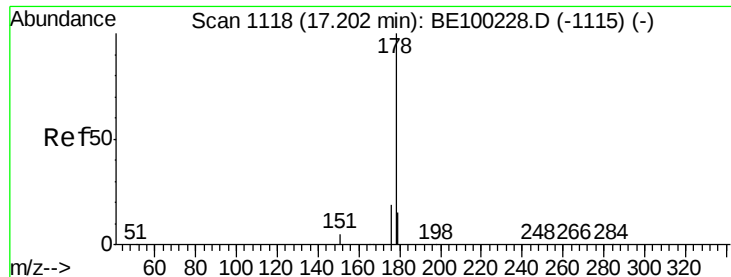
Delta R.T. -0.01 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

Tgt Ion:	178	Resp:	191048
Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.8	12.2	18.2





#24

Anthracene

Concen: 1.482 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

Instrument :

BNA_M

ClientSampleId :

EXT-084-SW168-061319

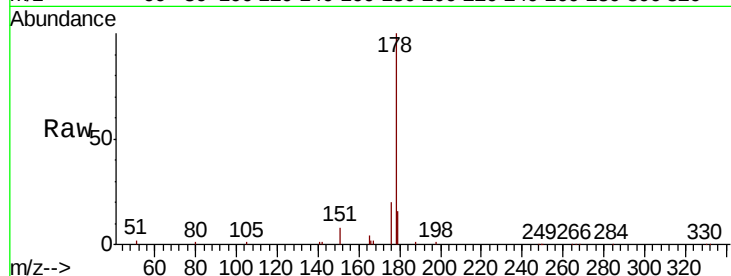
Tgt Ion:178 Resp: 21520

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

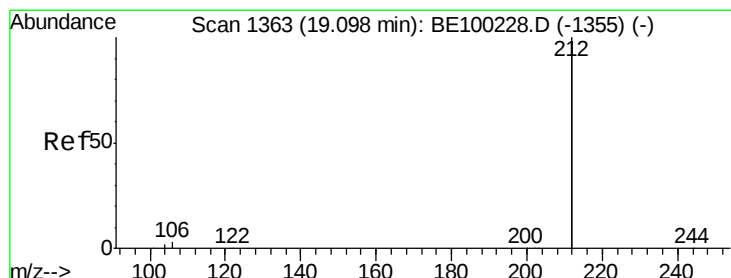
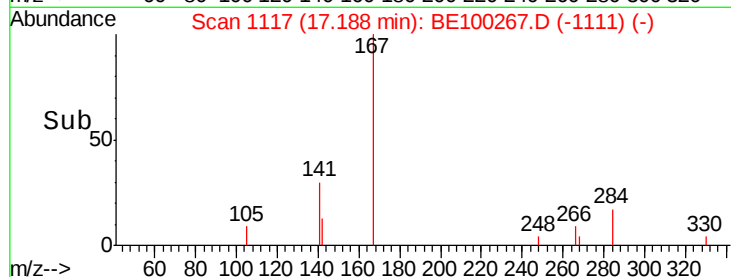
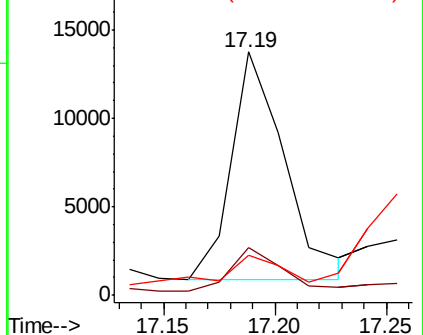
179 10.5 12.2 18.2#



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: 0.081 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

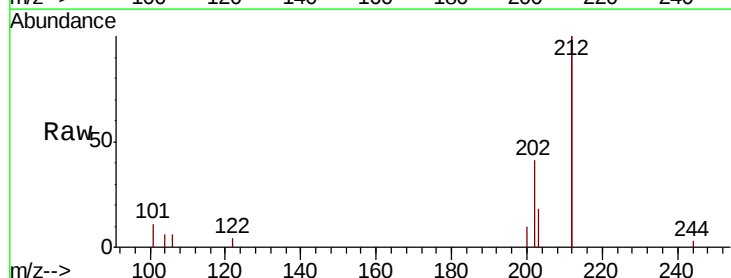
Tgt Ion:212 Resp: 7850

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

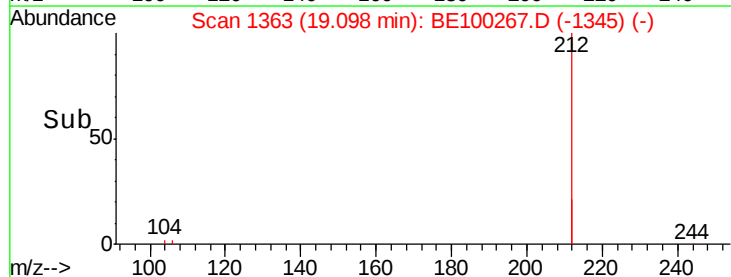
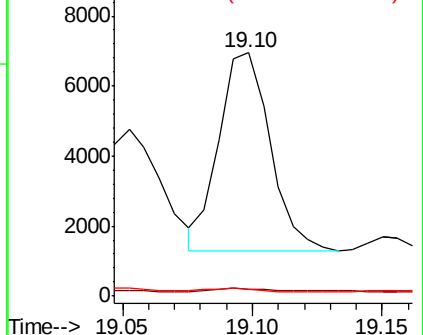
104 1.8 0.8 1.2#

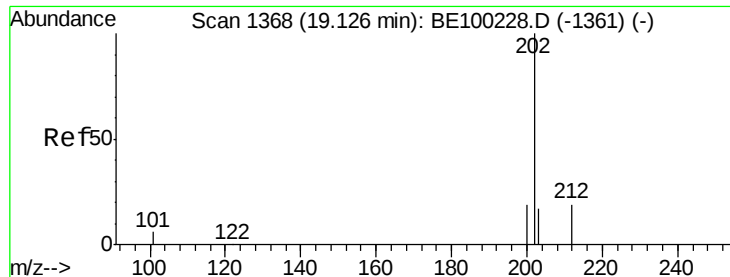


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

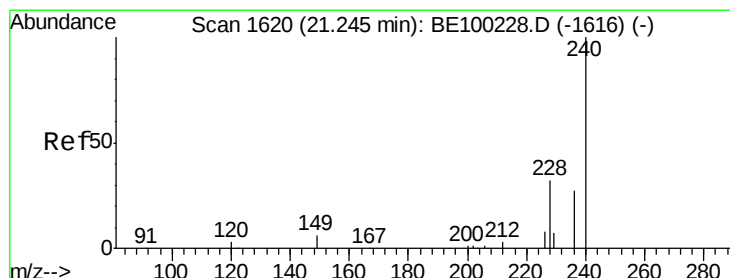
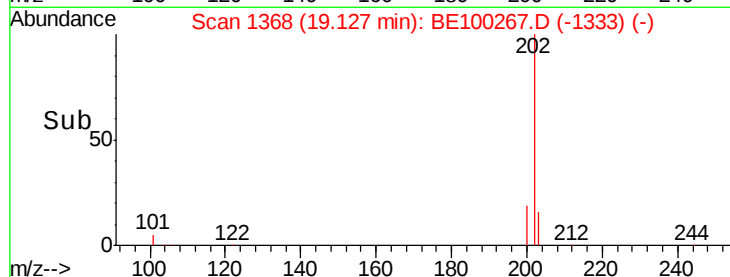
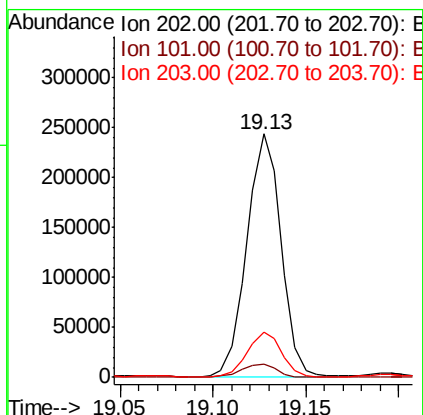
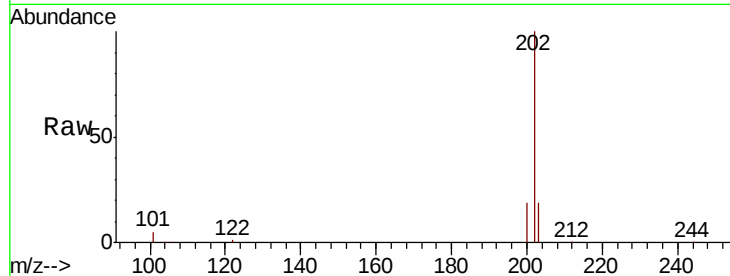




#26
 Fluoranthene
 Concen: 12.181 ng
 RT: 19.13 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BE100267.D
 Acq: 1 Jul 2019 16:05

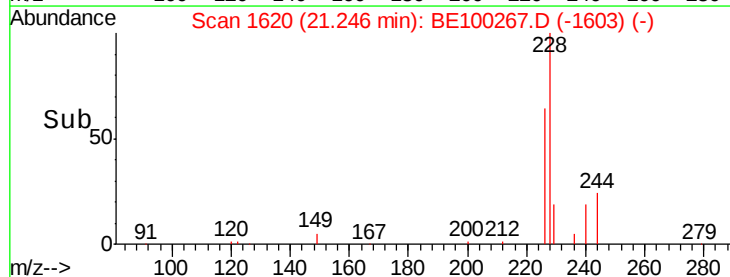
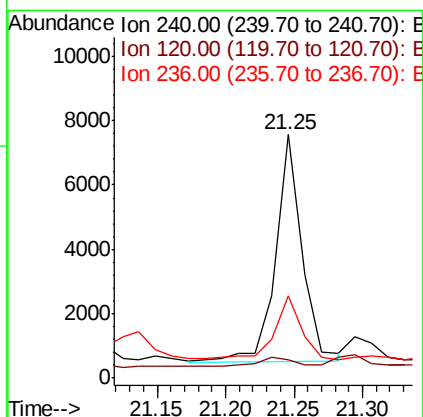
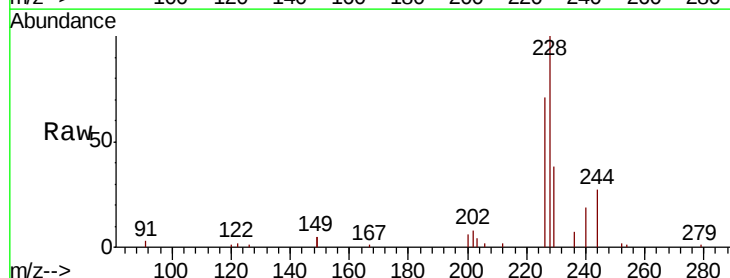
Instrument :
 BNA_M
 ClientSampleId :
 EXT-084-SW168-061319

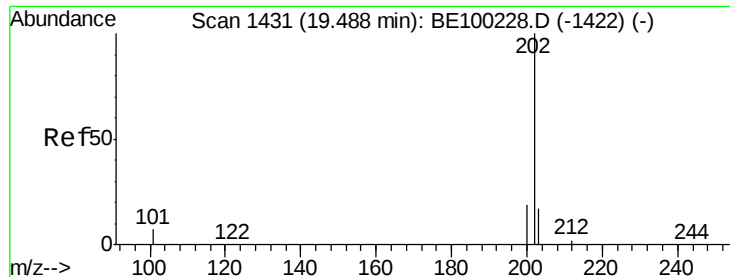
Tgt Ion: 202 Resp: 312808
 Ion Ratio Lower Upper
 202 100
 101 5.5 4.6 7.0
 203 18.3 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BE100267.D
 Acq: 1 Jul 2019 16:05

Tgt Ion: 240 Resp: 9423
 Ion Ratio Lower Upper
 240 100
 120 7.6 3.3 4.9#
 236 33.6 22.6 34.0

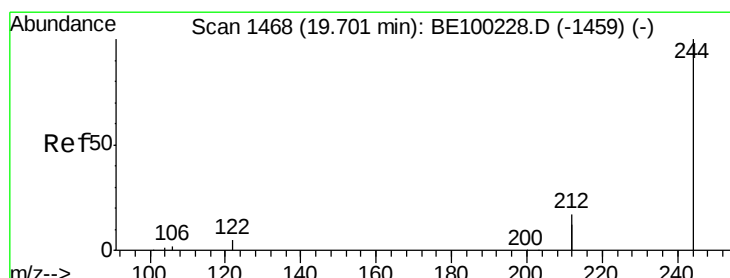
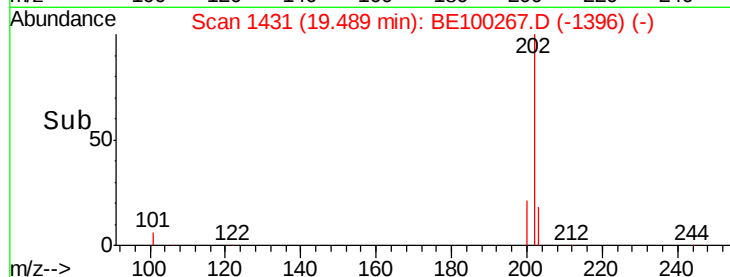
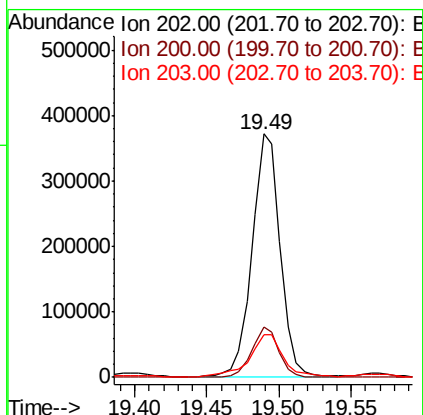
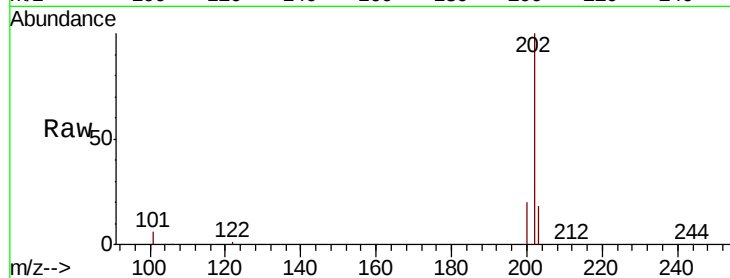




#28
 Pyrene
 Concen: 20.212 ng
 RT: 19.49 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BE100267.D
 Acq: 1 Jul 2019 16:05

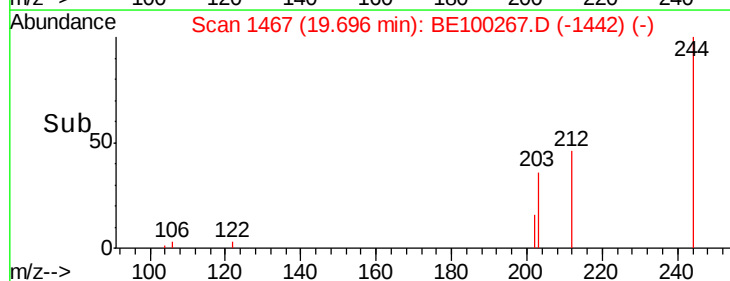
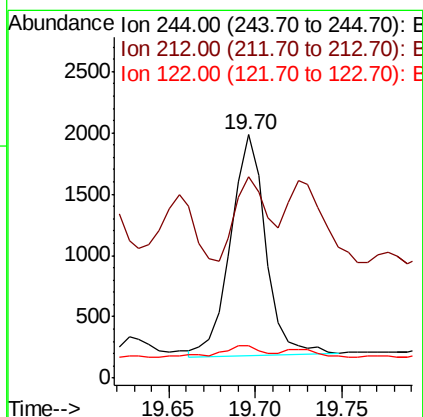
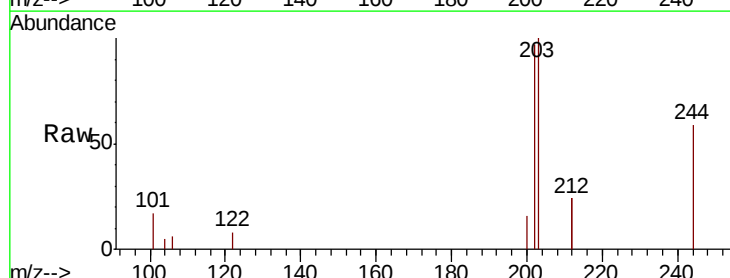
Instrument :
 BNA_M
 ClientSampleId :
 EXT-084-SW168-061319

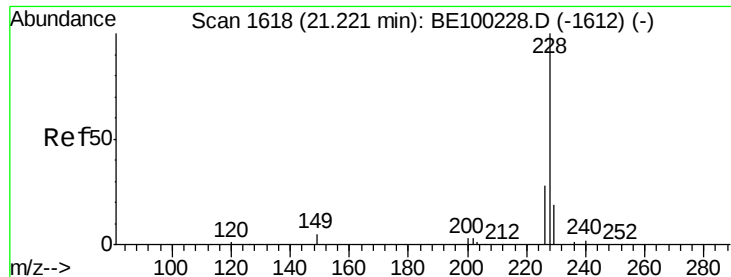
Tgt Ion: 202 Resp: 504255
 Ion Ratio Lower Upper
 202 100
 200 20.0 15.6 23.4
 203 20.7 14.0 21.0



#29
 Terphenyl-d14
 Concen: 0.130 ng
 RT: 19.70 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BE100267.D
 Acq: 1 Jul 2019 16:05

Tgt Ion: 244 Resp: 2533
 Ion Ratio Lower Upper
 244 100
 212 82.6 27.3 40.9#
 122 13.4 4.7 7.1#





#30

Benzo(a)anthracene

Concen: 10.261 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.06 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

Instrument :

BNA_M

ClientSampleId :

EXT-084-SW168-061319

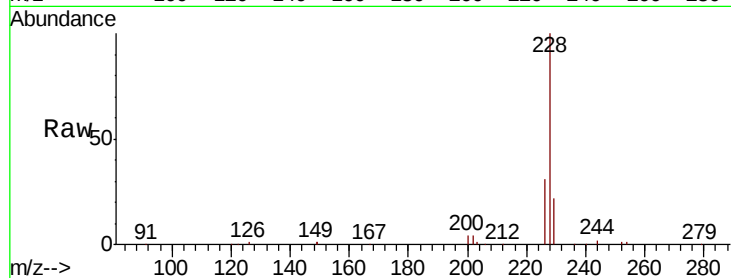
Tgt Ion:228 Resp: 317905

Ion Ratio Lower Upper

228 100

226 31.4 23.2 34.8

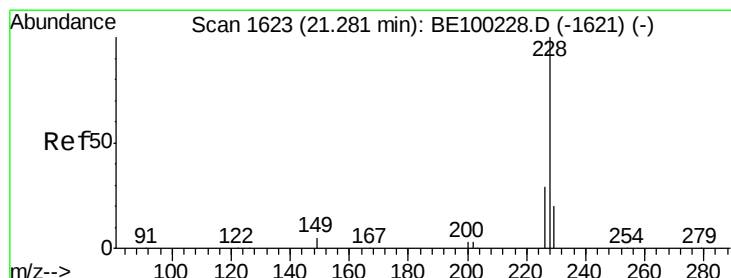
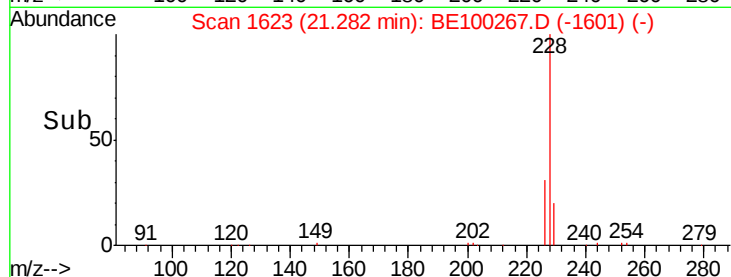
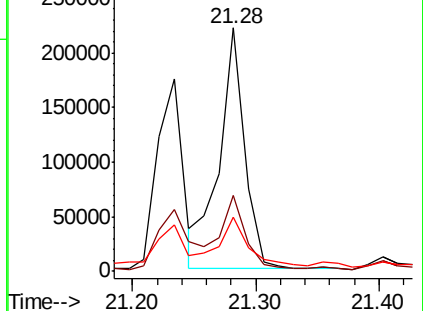
229 22.3 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 10.132 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

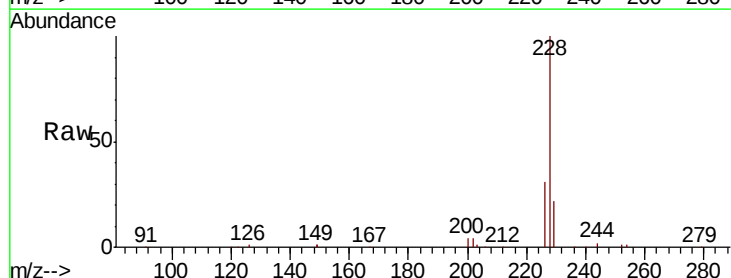
Tgt Ion:228 Resp: 315208

Ion Ratio Lower Upper

228 100

226 31.4 23.9 35.9

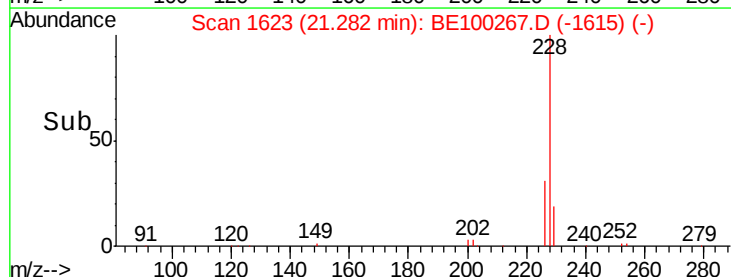
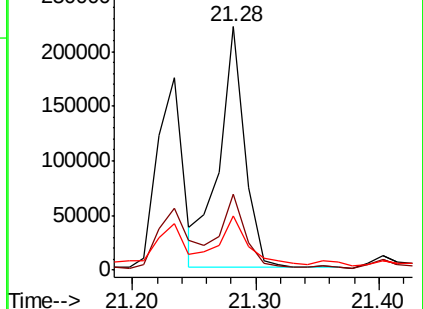
229 22.3 16.5 24.7

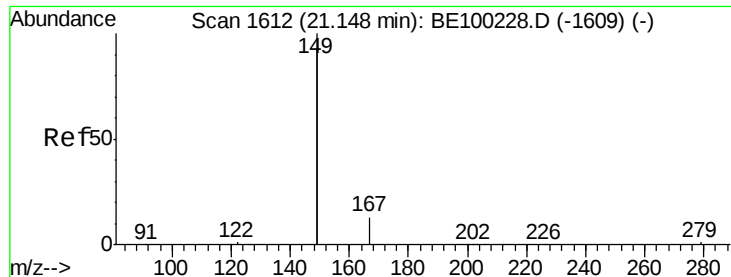


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

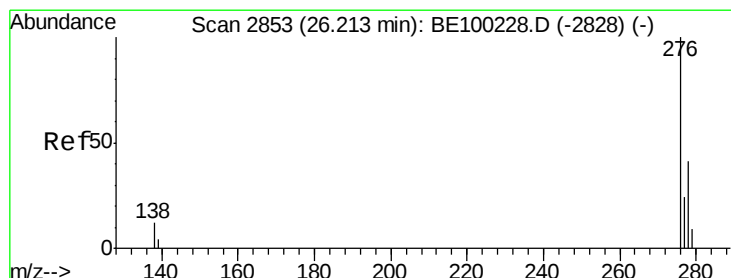
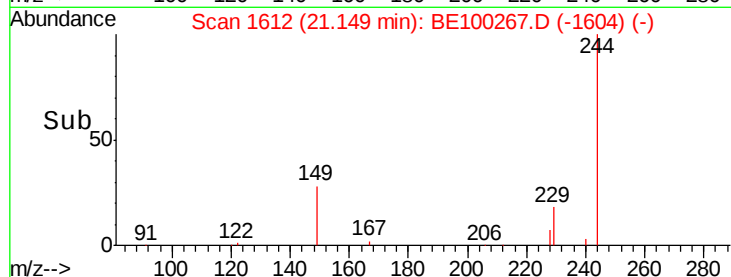
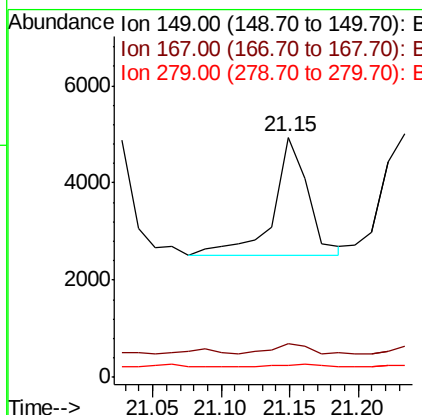
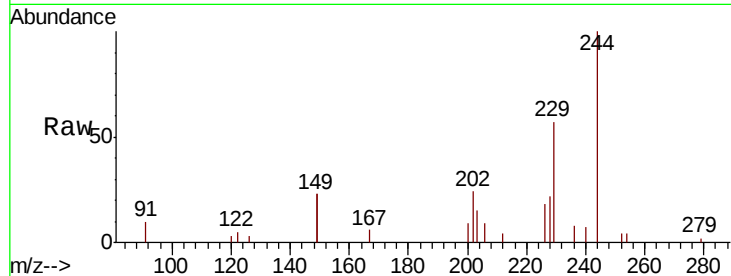




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.038 ng
 RT: 21.15 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BE100267.D
 Acq: 1 Jul 2019 16:05

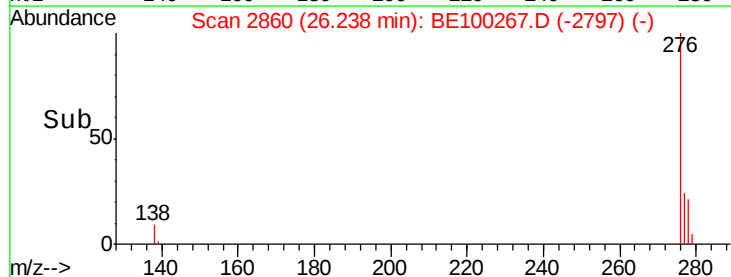
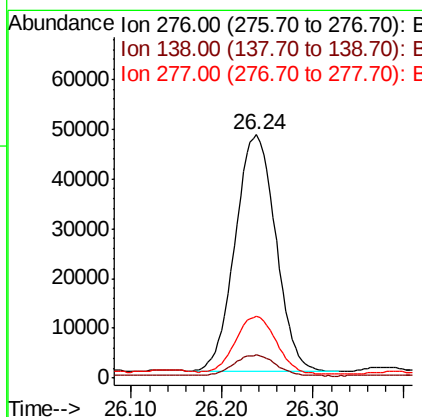
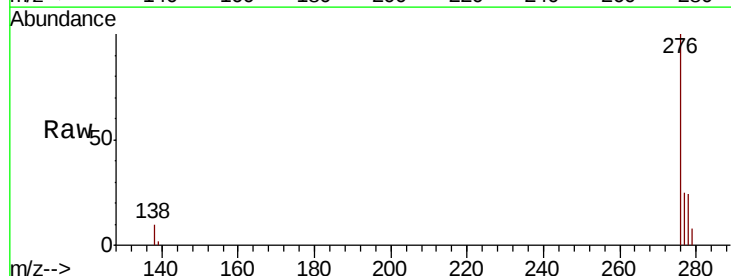
Instrument :
 BNA_M
 ClientSampleId :
 EXT-084-SW168-061319

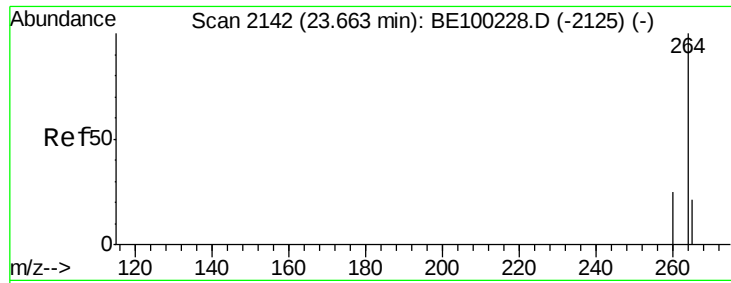
Tgt Ion:149 Resp: 4195
 Ion Ratio Lower Upper
 149 100
 167 9.5 5.8 8.8#
 279 2.9 1.1 1.7#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.588 ng
 RT: 26.24 min Scan# 2860
 Delta R.T. 0.02 min
 Lab File: BE100267.D
 Acq: 1 Jul 2019 16:05

Tgt Ion:276 Resp: 147635
 Ion Ratio Lower Upper
 276 100
 138 9.2 9.4 14.0#
 277 25.0 19.2 28.8

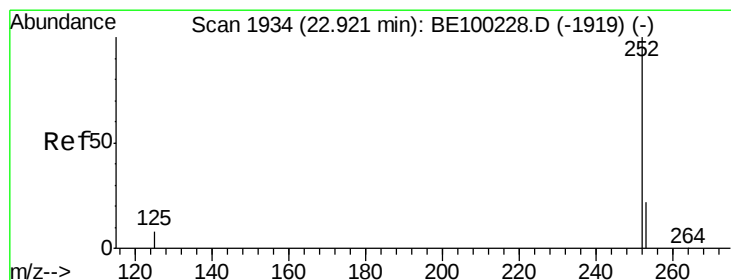
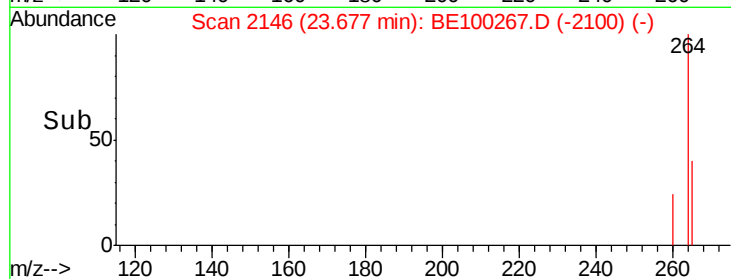
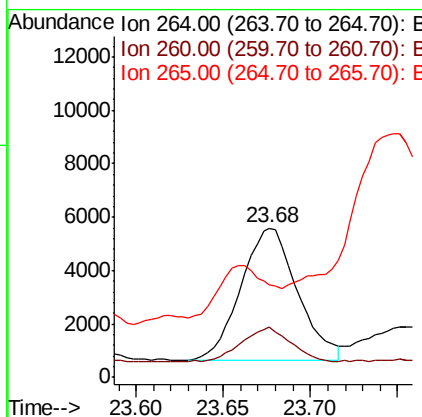
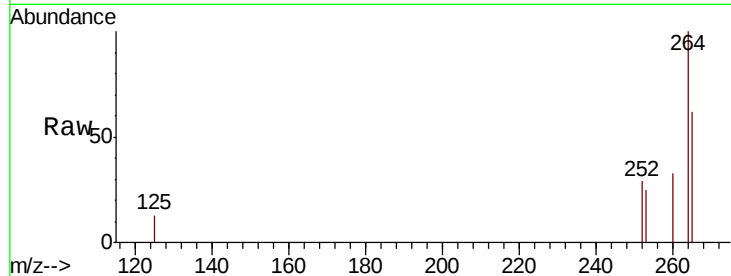




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.68 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BE100267.D
Acq: 1 Jul 2019 16:05

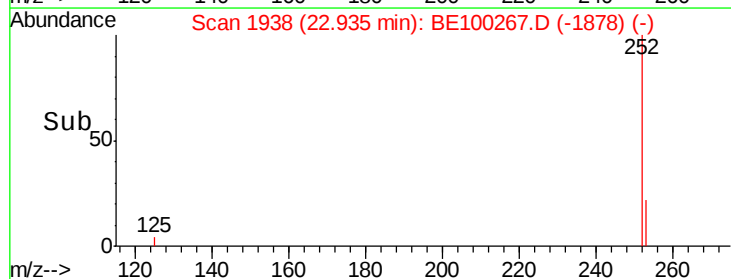
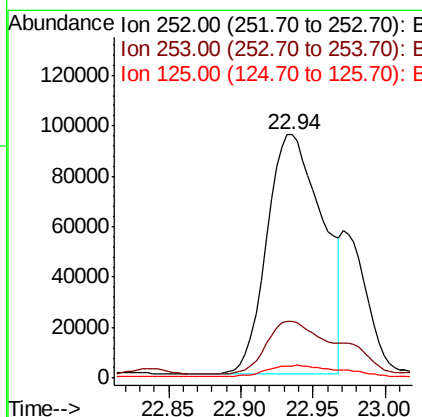
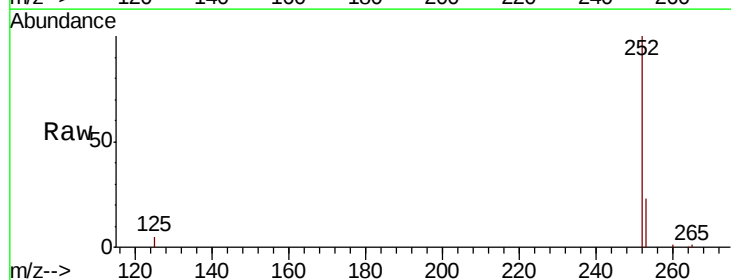
Instrument :
BNA_M
ClientSampleId :
EXT-084-SW168-061319

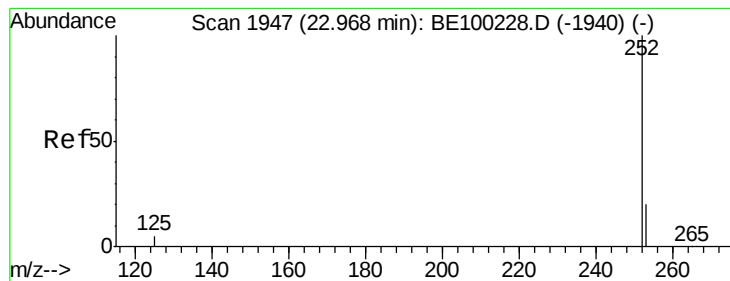
Tgt Ion: 264 Resp: 11135
Ion Ratio Lower Upper
264 100
260 33.4 20.8 31.2#
265 61.8 21.8 32.6#



#35
Benzo(b)fluoranthene
Concen: 8.494 ng
RT: 22.94 min Scan# 1938
Delta R.T. 0.01 min
Lab File: BE100267.D
Acq: 1 Jul 2019 16:05

Tgt Ion: 252 Resp: 256430
Ion Ratio Lower Upper
252 100
253 23.3 19.2 28.8
125 5.1 7.4 11.0#





#36

Benzo(k)fluoranthene

Concen: 7.610 ng

RT: 22.94 min Scan# 1938

Delta R.T. -0.03 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

Instrument :

BNA_M

ClientSampleId :

EXT-084-SW168-061319

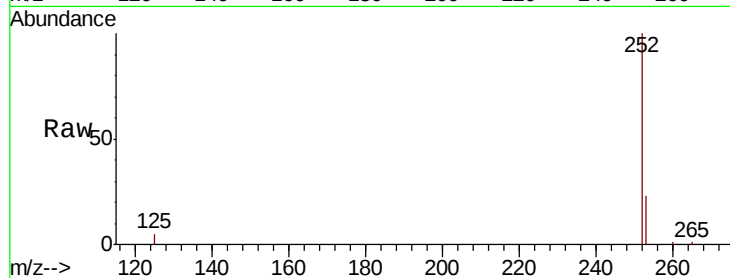
Tgt Ion:252 Resp: 256430

Ion Ratio Lower Upper

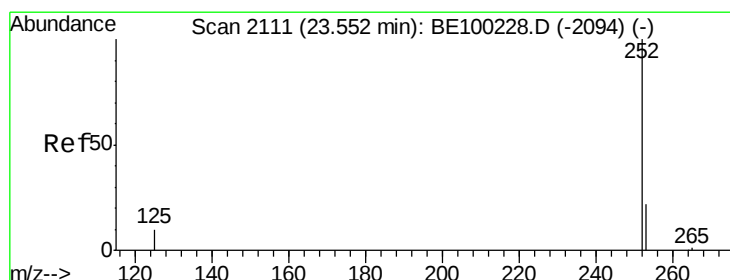
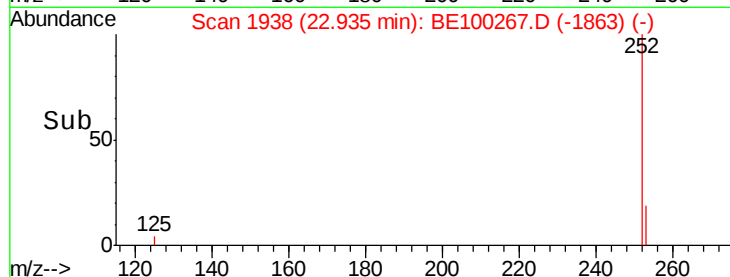
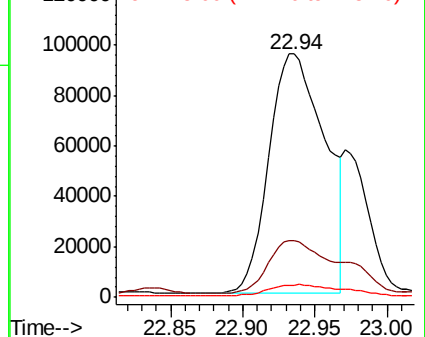
252 100

253 23.3 17.9 26.9

125 5.1 5.0 7.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#37

Benzo(a)pyrene

Concen: 7.355 ng

RT: 23.57 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

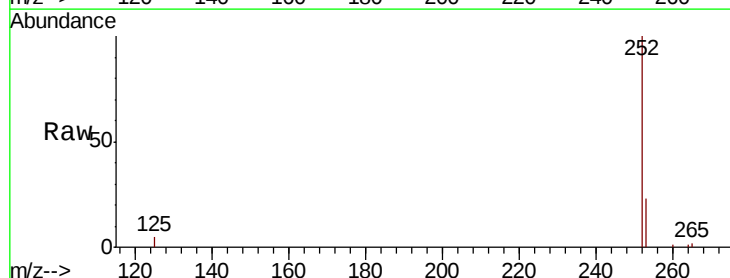
Tgt Ion:252 Resp: 222530

Ion Ratio Lower Upper

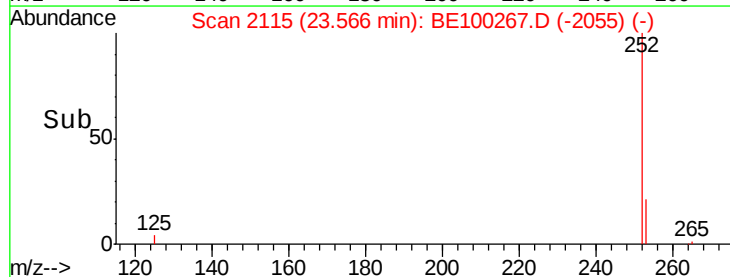
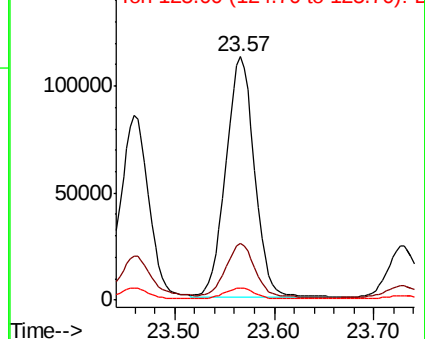
252 100

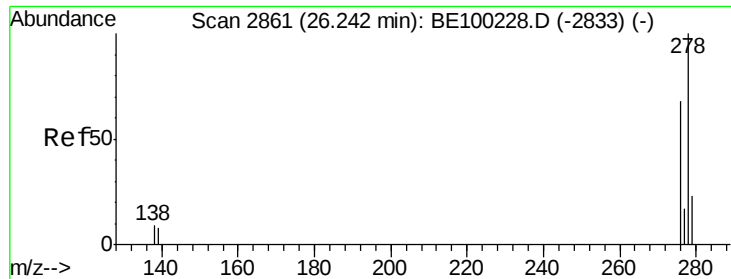
253 23.2 19.6 29.4

125 5.1 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 1.404 ng

RT: 26.25 min Scan# 2863

Delta R.T. 0.01 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

Instrument :

BNA_M

ClientSampleId :

EXT-084-SW168-061319

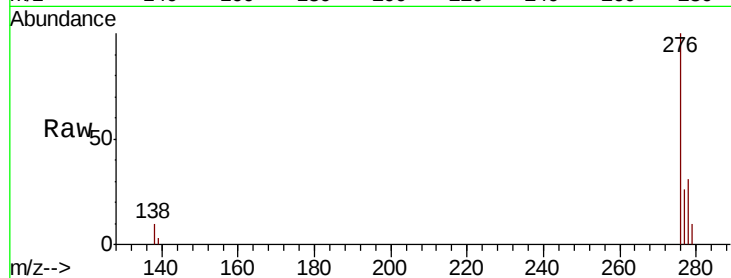
Tgt Ion: 278 Resp: 44352

Ion Ratio Lower Upper

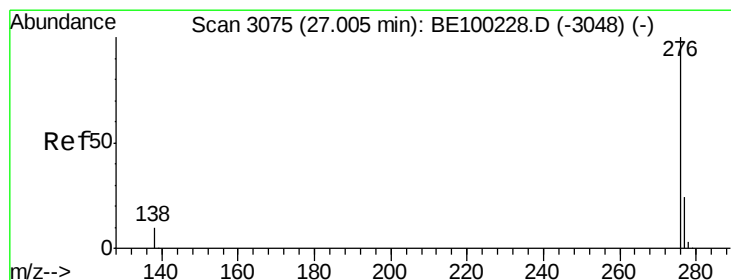
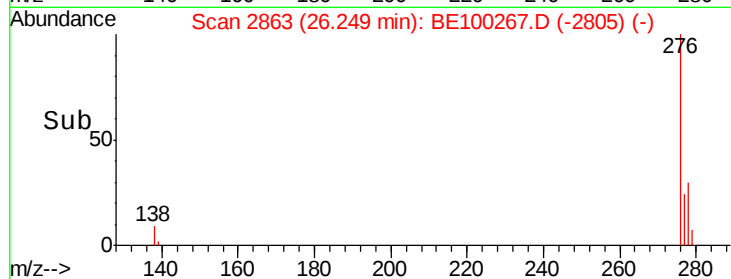
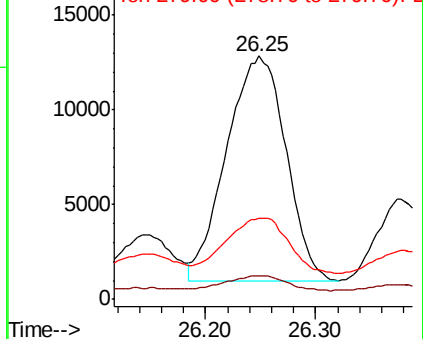
278 100

139 9.7 8.2 12.2

279 33.5 20.3 30.5#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 5.560 ng

RT: 27.03 min Scan# 3083

Delta R.T. 0.03 min

Lab File: BE100267.D

Acq: 1 Jul 2019 16:05

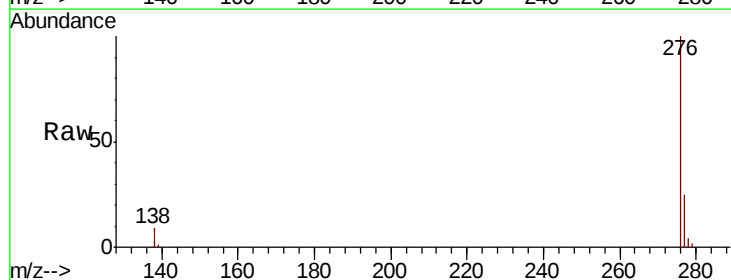
Tgt Ion: 276 Resp: 180510

Ion Ratio Lower Upper

276 100

277 24.7 20.2 30.2

138 9.5 9.0 13.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

