

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
 Data File : BE100272.D
 Acq On : 1 Jul 2019 19:07
 Operator : JU/SJ
 Sample : K3428-09DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXT-013-SW163-061319DL

Quant Time: Jul 02 02:21:55 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	849	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	3094	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2451	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	6743	0.40	ng	0.00
27) Chrysene-d12	21.25	240	8870	0.40	ng	0.00
34) Perylene-d12	23.67	264	9905	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	151	0.07	ng	0.00
5) Phenol-d6	6.84	99	176	0.06	ng	0.00
8) Nitrobenzene-d5	8.82	82	195	0.06	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	453	0.08	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	106	0.06	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	534	0.06	ng	0.00
25) Fluoranthene-d10	19.10	212	6531	0.07	ng	0.00
29) Terphenyl-d14	19.69	244	2045	0.11	ng	0.00

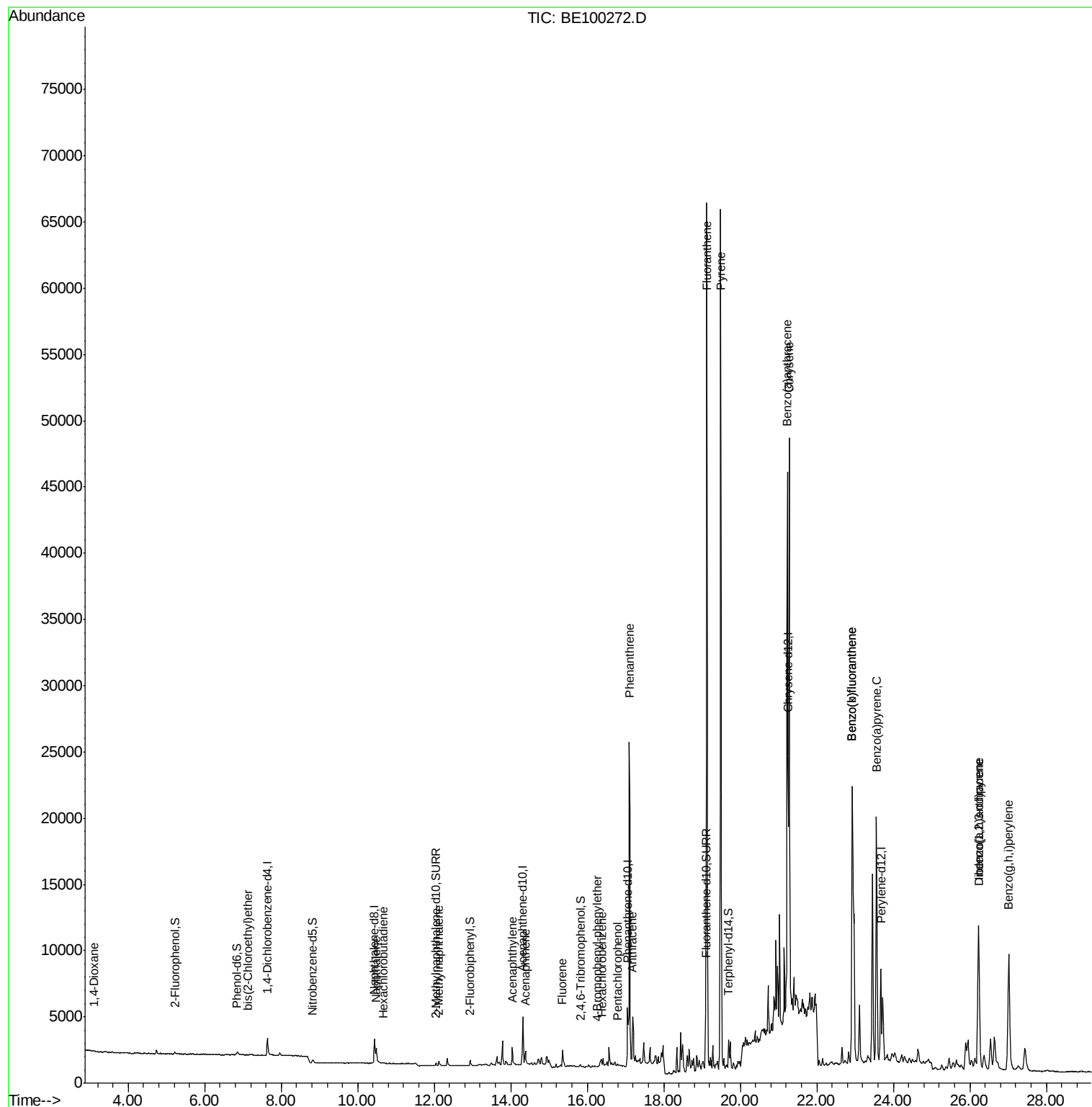
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	30	0.023	ng	# 32
6) bis(2-Chloroethyl)ether	7.12	93	10	0.004	ng	# 1
9) Naphthalene	10.48	128	2133	0.063	ng	# 92
10) Hexachlorobutadiene	10.68	225	2	0.001	ng	# 1
12) 2-Methylnaphthalene	12.12	142	348	0.058	ng	96
16) Acenaphthylene	14.04	152	1758	0.149	ng	96
17) Acenaphthene	14.38	154	552	0.083	ng	96
18) Fluorene	15.35	166	1197	0.121	ng	# 94
20) 4-Bromophenyl-phenylether	16.25	248	11	0.003	ng	# 61
21) Hexachlorobenzene	16.37	284	10	0.002	ng	# 1
22) Pentachlorophenol	16.80	266	1	0.001	ng	# 70
23) Phenanthrene	17.10	178	28868	1.766	ng	99
24) Anthracene	17.19	178	4287	0.291	ng	97
26) Fluoranthene	19.13	202	60534	2.325	ng	99
28) Pyrene	19.49	202	60684	2.584	ng	97
30) Benzo(a)anthracene	21.23	228	35223	1.208	ng	96
31) Chrysene	21.28	228	35153	1.200	ng	97
32) Bis(2-ethylhexyl)phthalate	21.23	149	1634	Below Cal		97
33) Indeno(1,2,3-cd)pyrene	26.22	276	21042	0.543	ng	97
35) Benzo(b)fluoranthene	22.93	252	41398	1.542	ng	# 97
36) Benzo(k)fluoranthene	22.93	252	41398	1.381	ng	97
37) Benzo(a)pyrene	23.56	252	29294	1.088	ng	# 96
38) Dibenzo(a,h)anthracene	26.24	278	5695	0.203	ng	# 79
39) Benzo(g,h,i)perylene	27.02	276	21656	0.750	ng	99

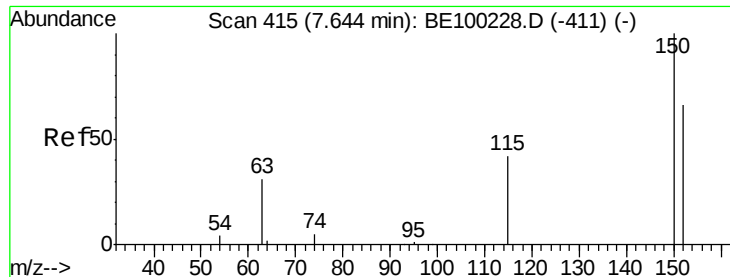
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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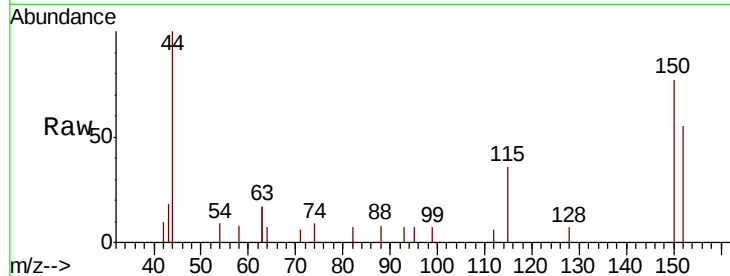


#1

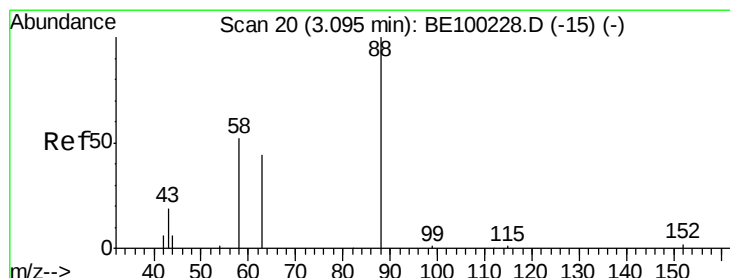
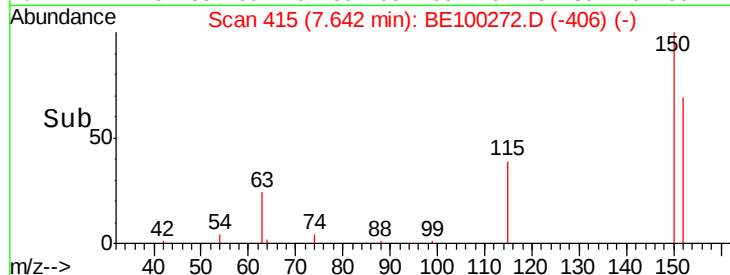
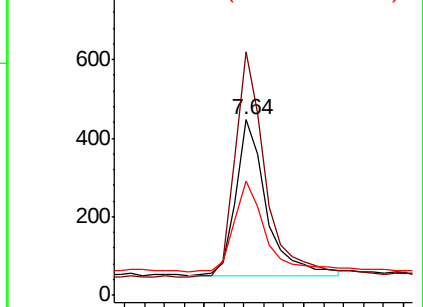
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100272.D
Acq: 1 Jul 2019 19:07

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW163-061319DL

Tgt Ion: 152 Resp: 849
Ion Ratio Lower Upper
152 100
150 139.0 114.5 171.7
115 65.0 57.1 85.7



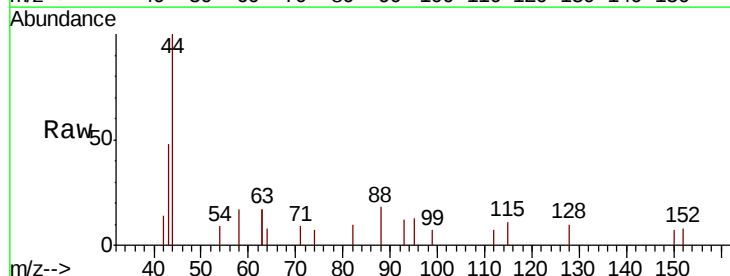
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



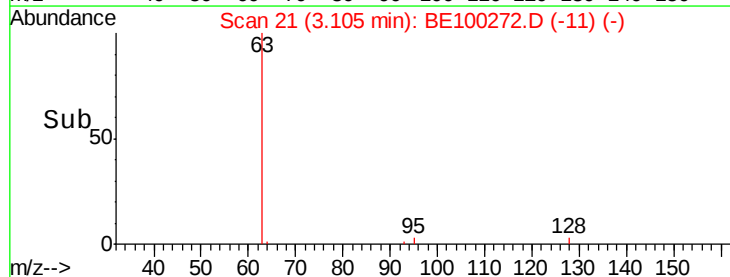
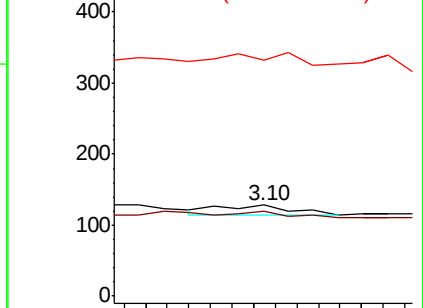
#2

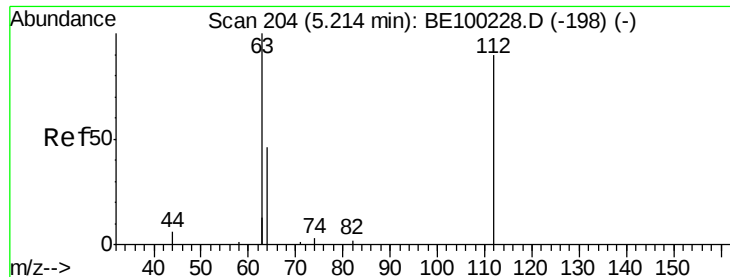
1,4-Dioxane
Concen: 0.023 ng
RT: 3.10 min Scan# 21
Delta R.T. 0.01 min
Lab File: BE100272.D
Acq: 1 Jul 2019 19:07

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
58 0.0 43.6 65.4#
43 0.0 21.4 32.0#



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





#4

2-Fluorophenol

Concen: 0.070 ng

RT: 5.22 min Scan# 205

Delta R.T. 0.01 min

Lab File: BE100272.D

Acq: 1 Jul 2019 19:07

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW163-061319DL

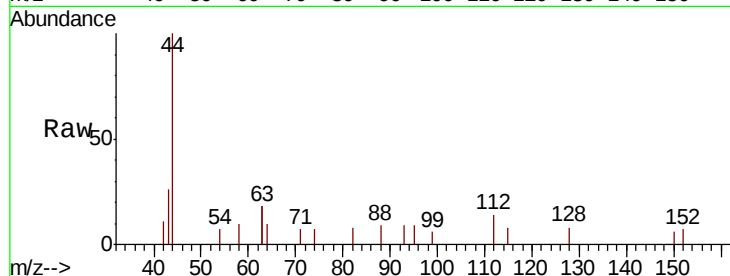
Tgt Ion: 112 Resp: 151

Ion Ratio Lower Upper

112 100

64 70.2 39.4 59.0#

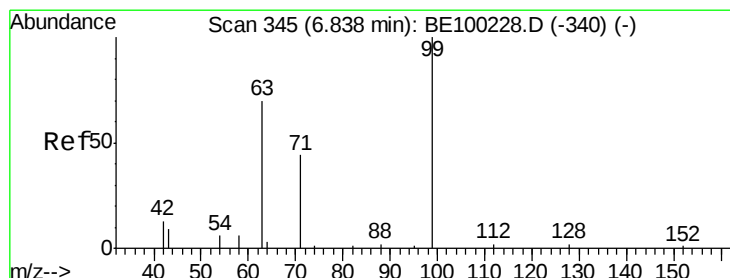
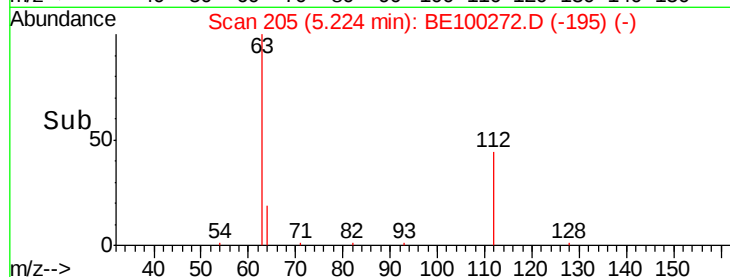
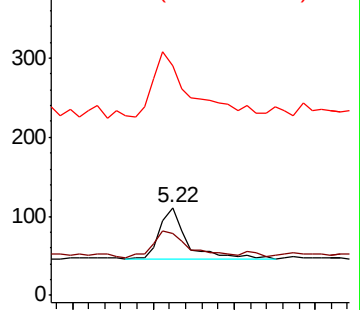
63 170.2 104.5 156.7#



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



#5

Phenol-d6

Concen: 0.062 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE100272.D

Acq: 1 Jul 2019 19:07

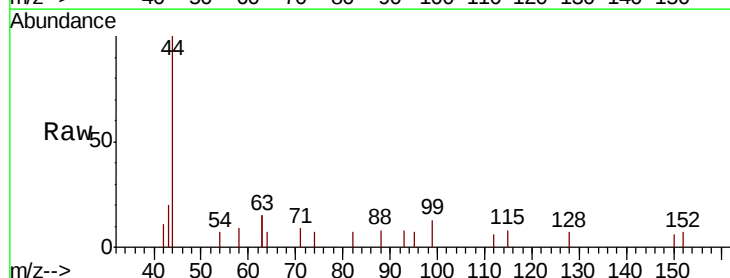
Tgt Ion: 99 Resp: 176

Ion Ratio Lower Upper

99 100

42 0.0 11.2 16.8#

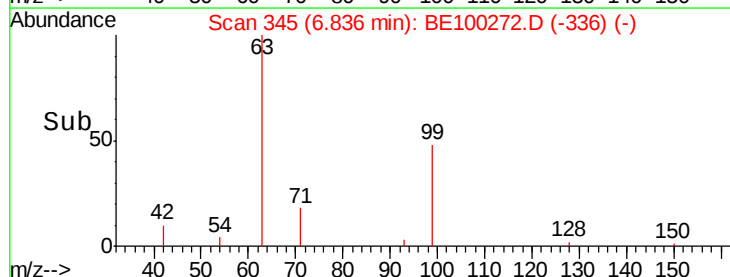
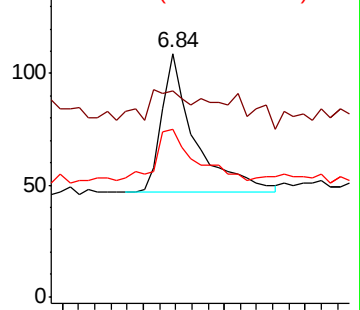
71 45.5 37.2 55.8

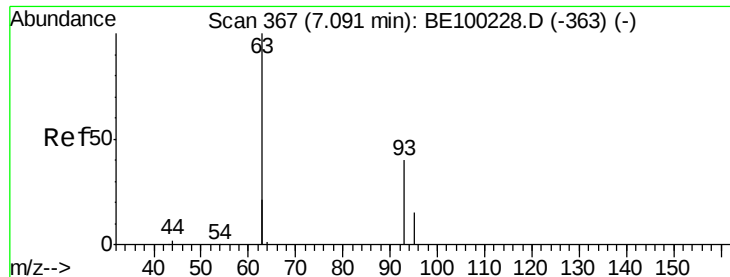


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.004 ng

RT: 7.12 min Scan# 370

Delta R.T. 0.03 min

Lab File: BE100272.D

Acq: 1 Jul 2019 19:07

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW163-061319DL

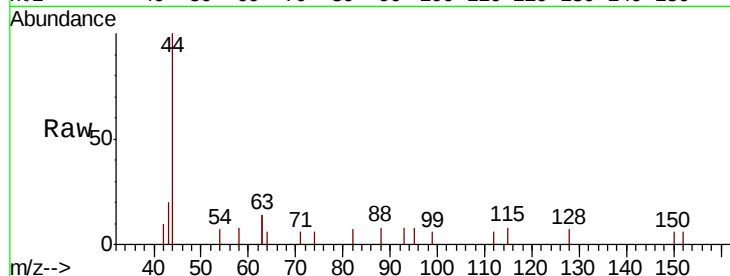
Tgt Ion: 93 Resp: 10

Ion Ratio Lower Upper

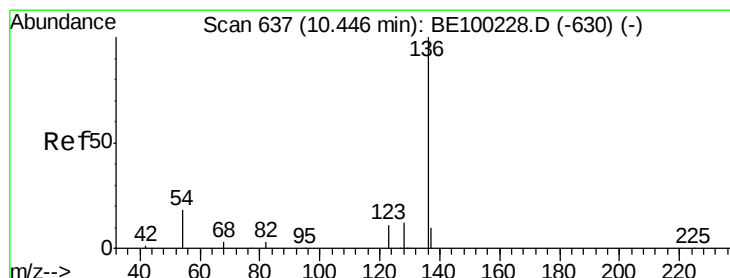
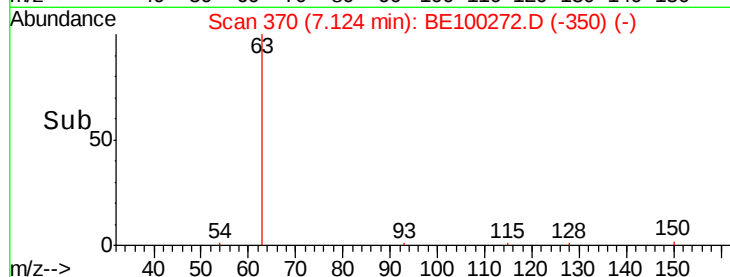
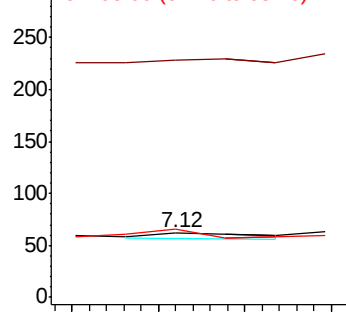
93 100

63 0.0 155.6 233.4#

95 160.0 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: BE100272.D

Acq: 1 Jul 2019 19:07

Tgt Ion: 136 Resp: 3094

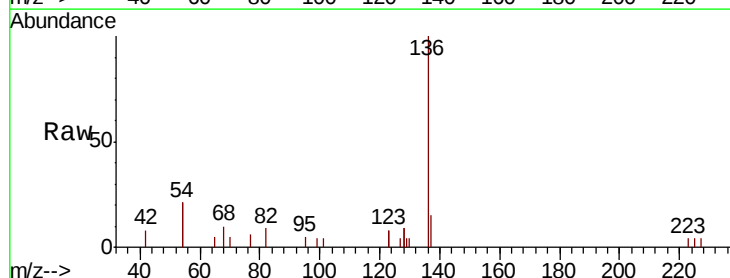
Ion Ratio Lower Upper

136 100

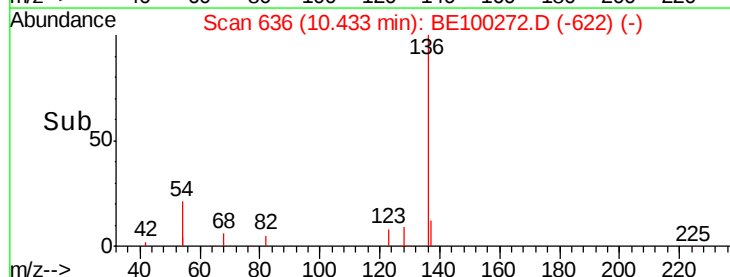
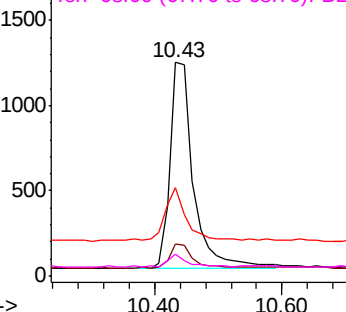
137 15.0 11.8 17.8

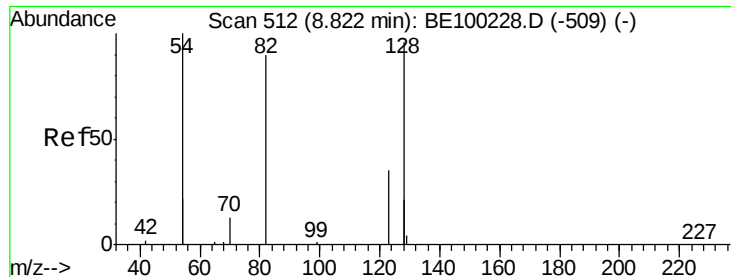
54 41.1 27.7 41.5

68 10.0 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: 0.063 ng

RT: 8.82 min Scan# 512

Delta R.T. 0.00 min

Lab File: BE100272.D

Acq: 1 Jul 2019 19:07

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW163-061319DL

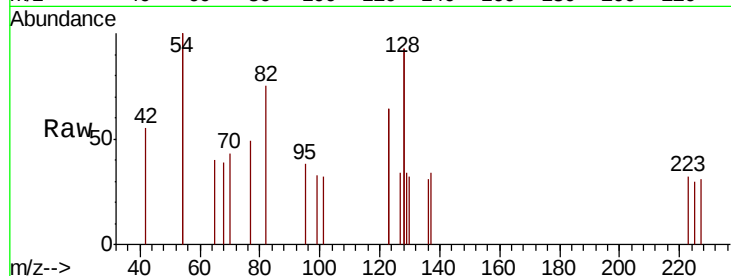
Tgt Ion: 82 Resp: 195

Ion Ratio Lower Upper

82 100

128 246.8 140.9 211.3#

54 266.7 146.2 219.2#



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

Time-->

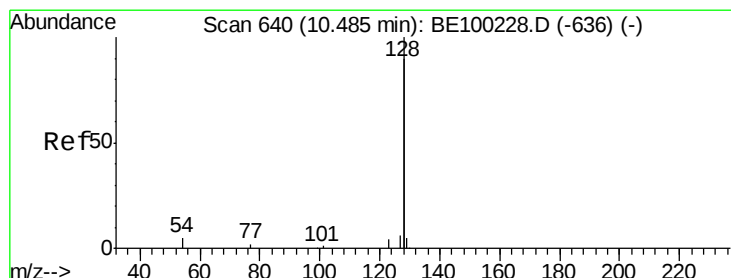
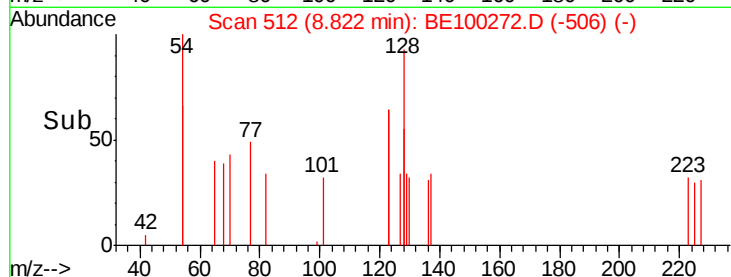
8.70 8.80 8.90 9.00

8.82

200

100

0



#9

Naphthalene

Concen: 0.063 ng

RT: 10.48 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE100272.D

Acq: 1 Jul 2019 19:07

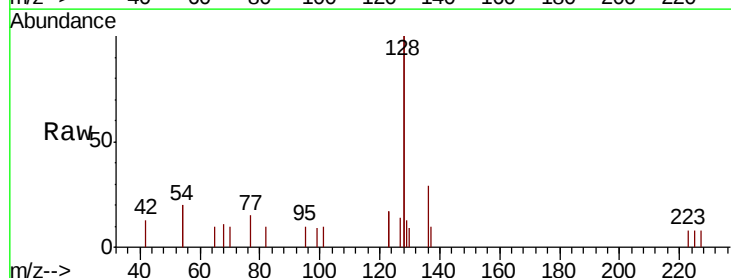
Tgt Ion: 128 Resp: 2133

Ion Ratio Lower Upper

128 100

129 6.6 3.0 4.6#

127 6.9 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

Time-->

10.40 10.50 10.60

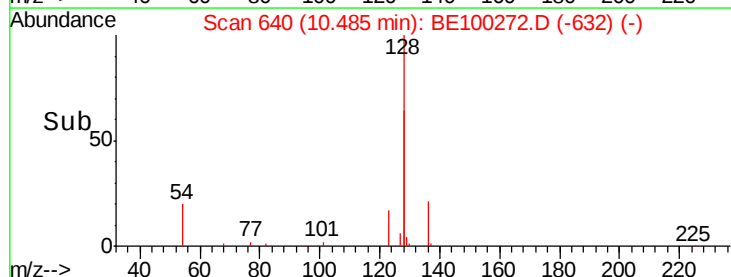
10.48

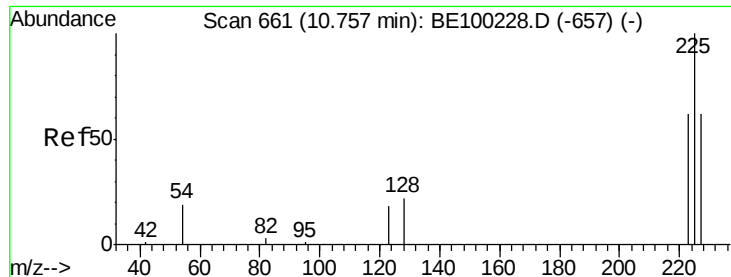
1500

1000

500

0

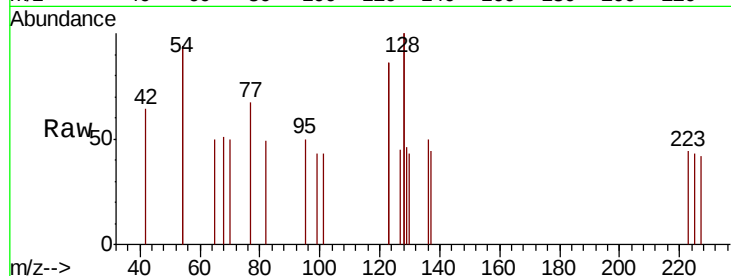




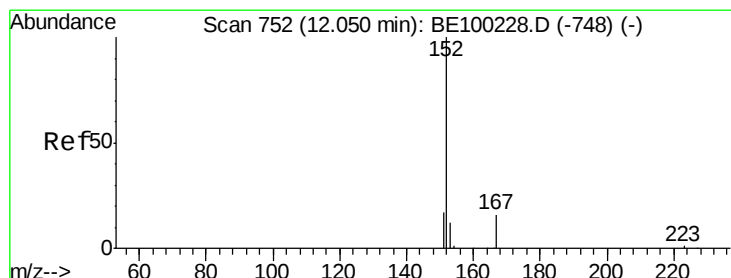
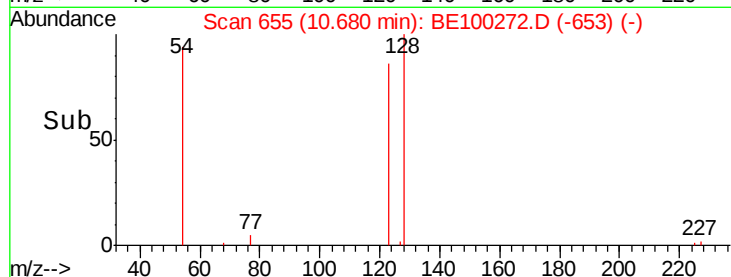
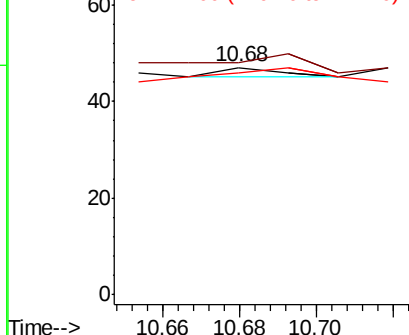
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.08 min
Lab File: BE100272.D
Acq: 1 Jul 2019 19:07

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW163-061319DL

Tgt Ion: 225 Resp: 2
Ion Ratio Lower Upper
225 100
223 0.0 49.1 73.7#
227 250.0 49.3 73.9#

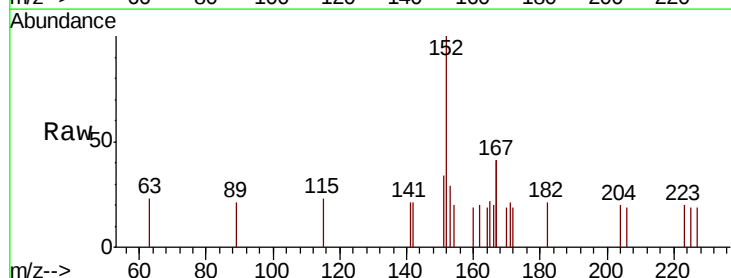


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

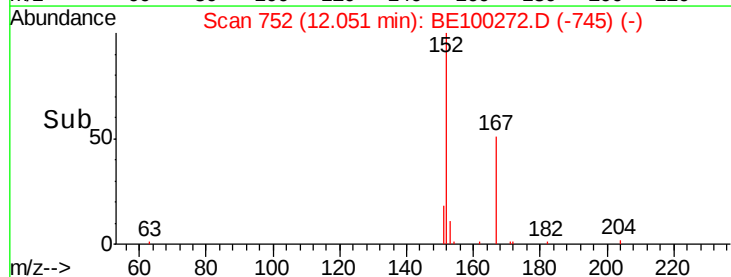
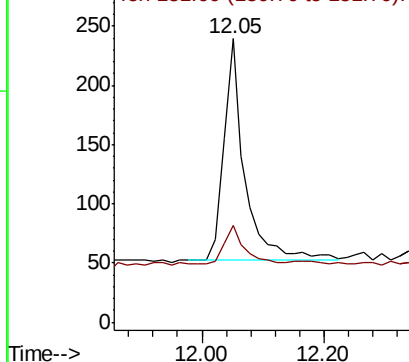


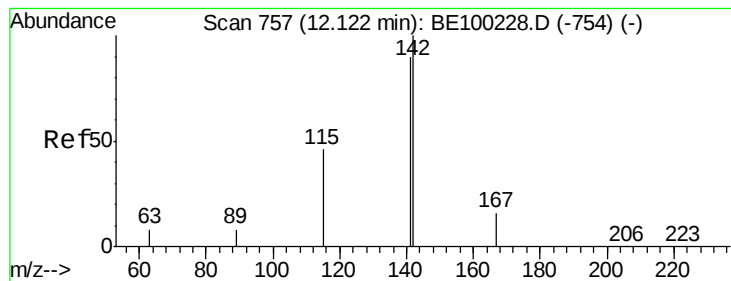
#11
2-Methylnaphthalene-d10
Concen: 0.078 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100272.D
Acq: 1 Jul 2019 19:07

Tgt Ion: 152 Resp: 453
Ion Ratio Lower Upper
152 100
151 16.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

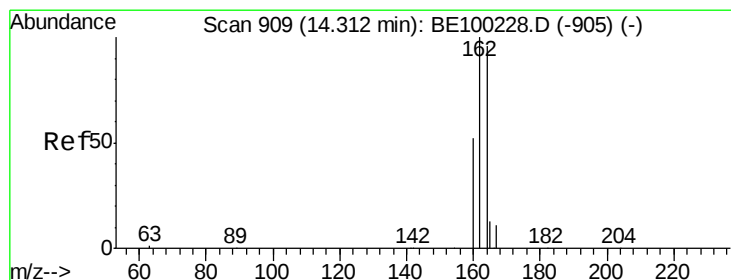
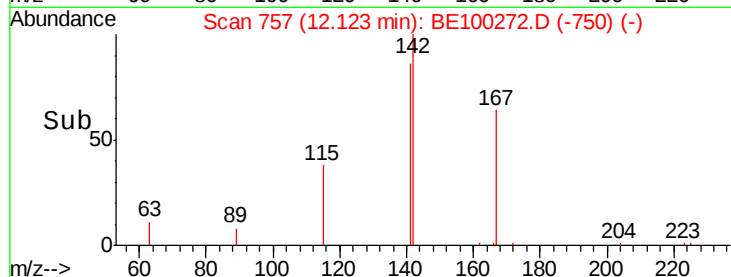
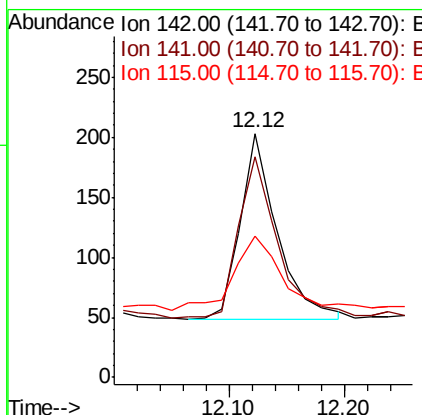
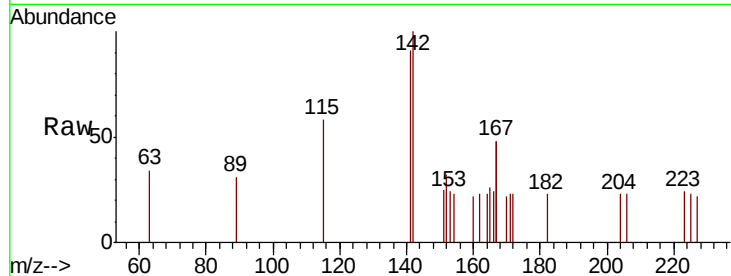




#12
 2-Methylnaphthalene
 Concen: 0.058 ng
 RT: 12.12 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BE100272.D
 Acq: 1 Jul 2019 19:07

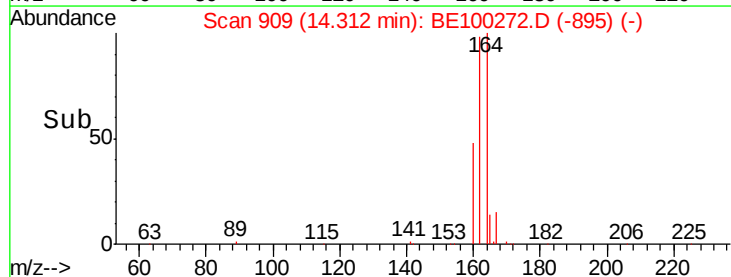
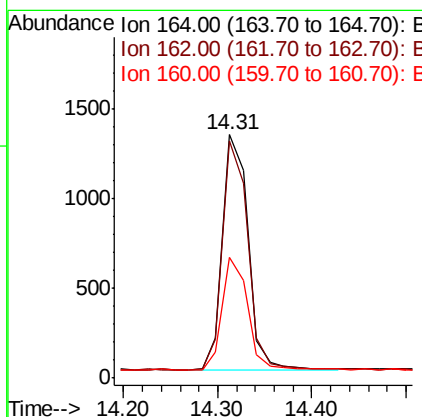
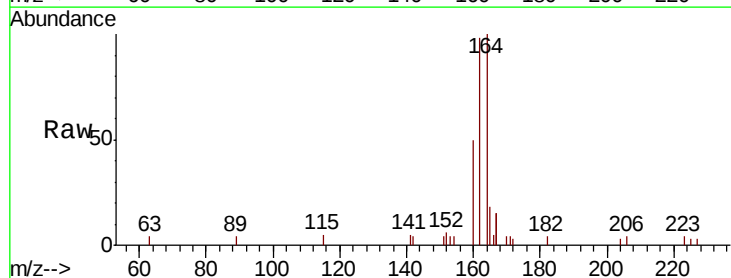
Instrument :
 BNA_M
 ClientSampleId :
 EXT-013-SW163-061319DL

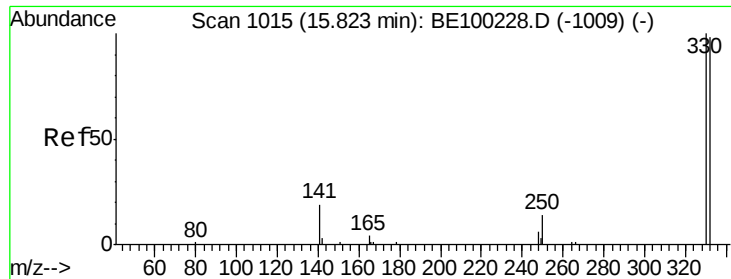
Tgt Ion:142 Resp: 348
 Ion Ratio Lower Upper
 142 100
 141 90.6 72.4 108.6
 115 58.1 40.4 60.6



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.31 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BE100272.D
 Acq: 1 Jul 2019 19:07

Tgt Ion:164 Resp: 2451
 Ion Ratio Lower Upper
 164 100
 162 97.6 83.4 125.0
 160 49.8 45.0 67.6

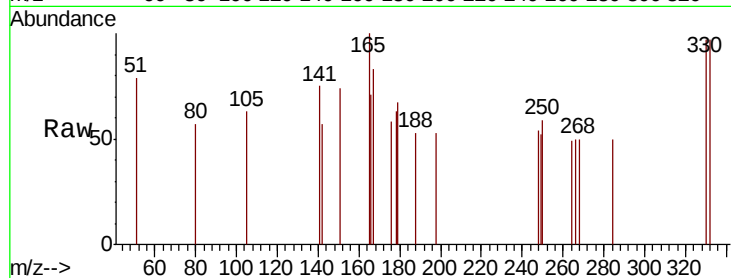




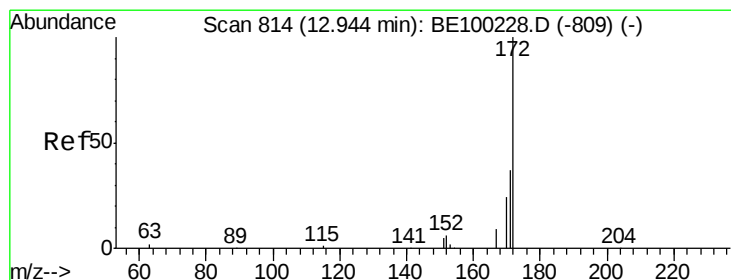
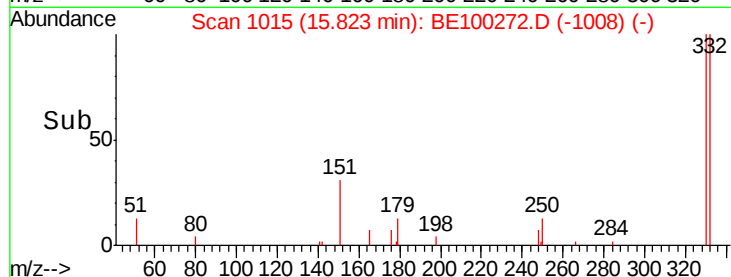
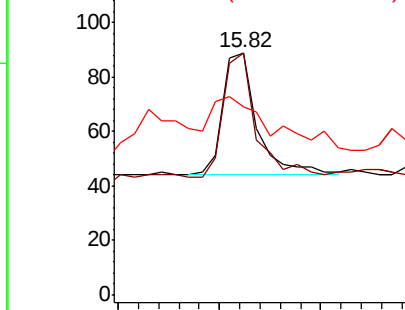
#14
 2,4,6-Tribromophenol
 Concen: 0.062 ng
 RT: 15.82 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BE100272.D
 Acq: 1 Jul 2019 19:07

Instrument :
 BNA_M
 ClientSampleId :
 EXT-013-SW163-061319DL

Tgt Ion: 330 Resp: 106
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.0 115.4
 141 75.5 22.0 33.0#

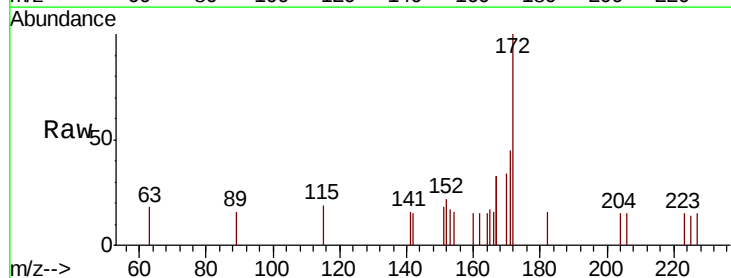


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

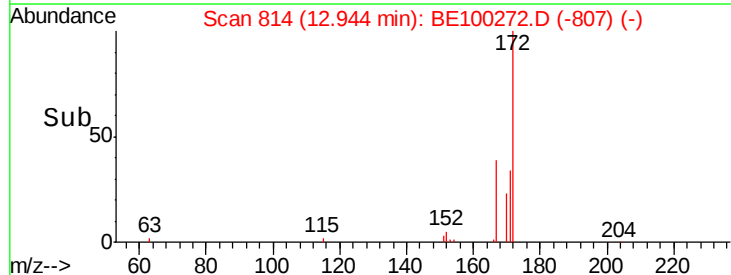
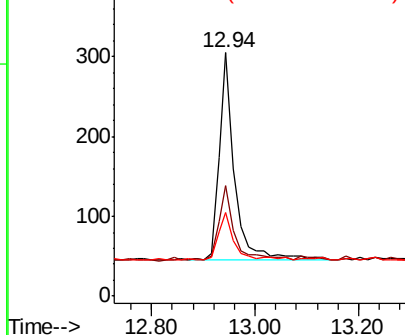


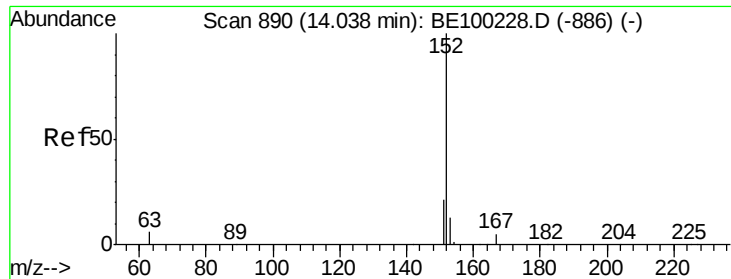
#15
 2-Fluorobiphenyl
 Concen: 0.056 ng
 RT: 12.94 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BE100272.D
 Acq: 1 Jul 2019 19:07

Tgt Ion: 172 Resp: 534
 Ion Ratio Lower Upper
 172 100
 171 45.2 31.9 47.9
 170 34.4 22.2 33.2#



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

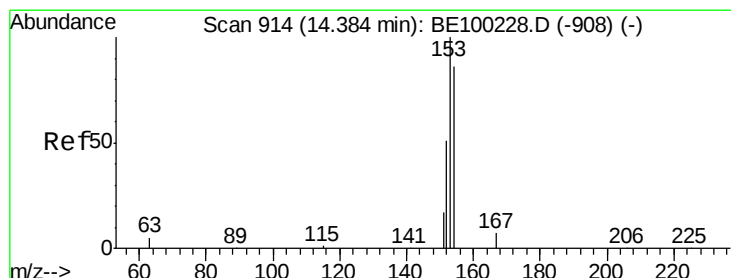
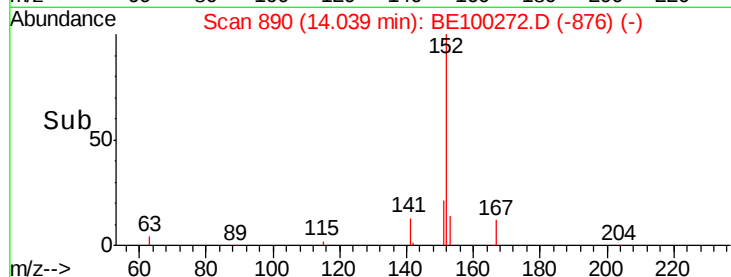
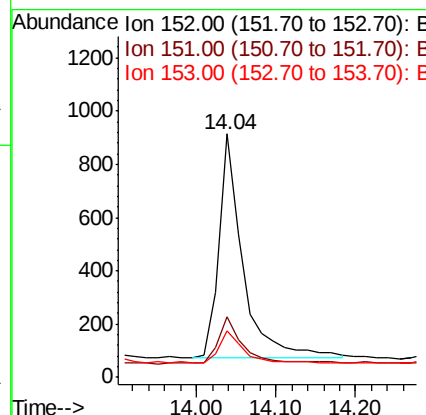
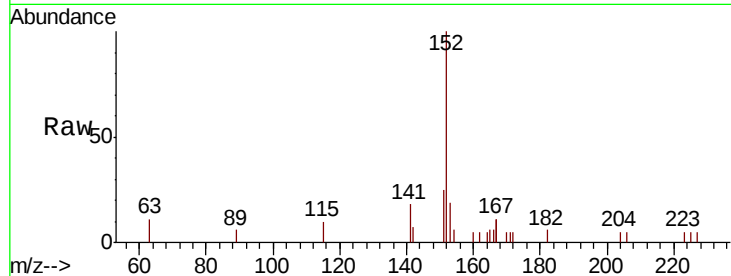




#16
Acenaphthylene
Concen: 0.149 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100272.D
Acq: 1 Jul 2019 19:07

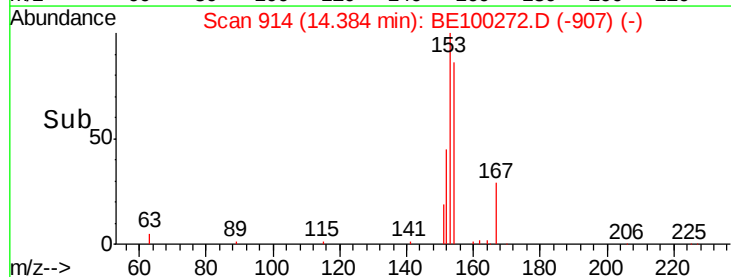
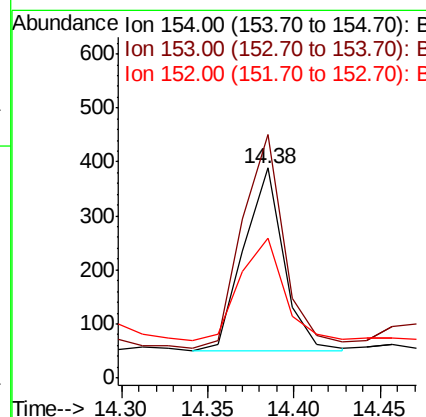
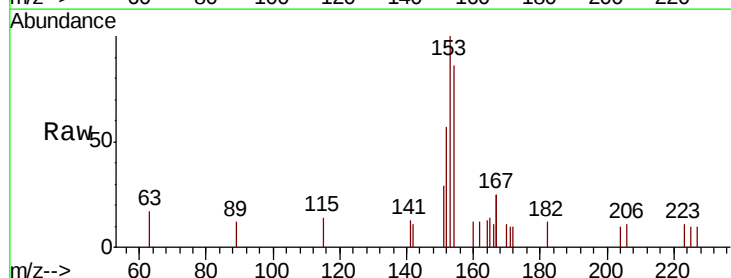
Instrument :
BNA_M
ClientSampleId :
EXT-013-SW163-061319DL

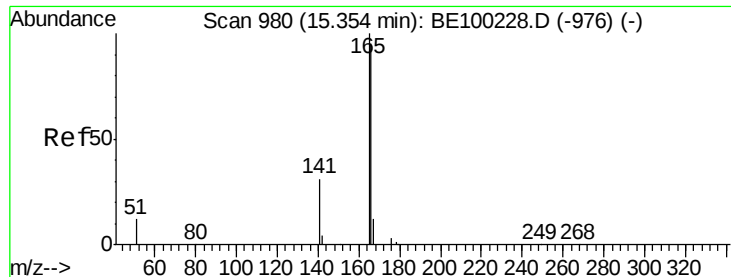
Tgt Ion:152 Resp: 1758
Ion Ratio Lower Upper
152 100
151 22.1 16.6 25.0
153 15.6 10.5 15.7



#17
Acenaphthene
Concen: 0.083 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100272.D
Acq: 1 Jul 2019 19:07

Tgt Ion:154 Resp: 552
Ion Ratio Lower Upper
154 100
153 121.4 93.4 140.2
152 64.1 49.4 74.2

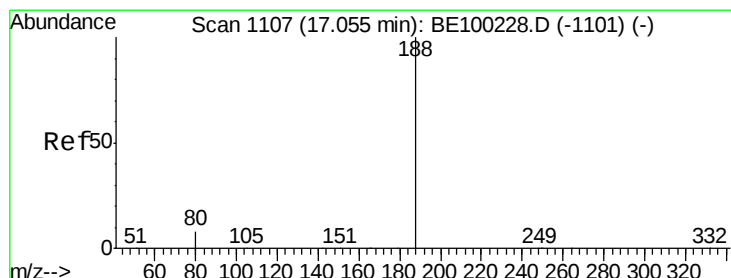
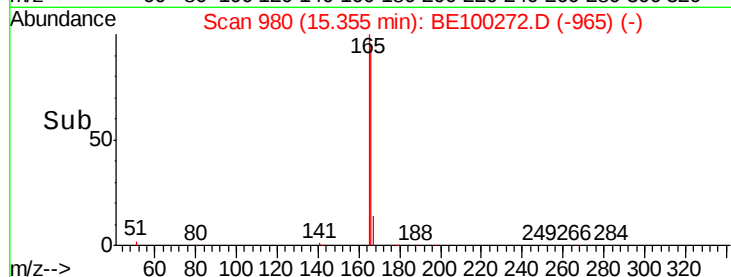
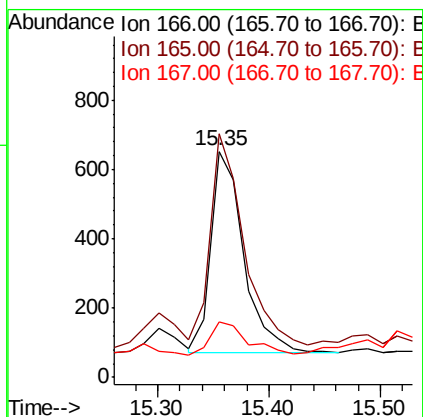
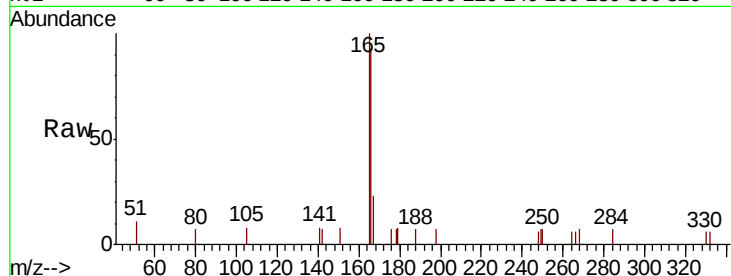




#18
Fluorene
 Concen: 0.121 ng
 RT: 15.35 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BE100272.D
 Acq: 1 Jul 2019 19:07

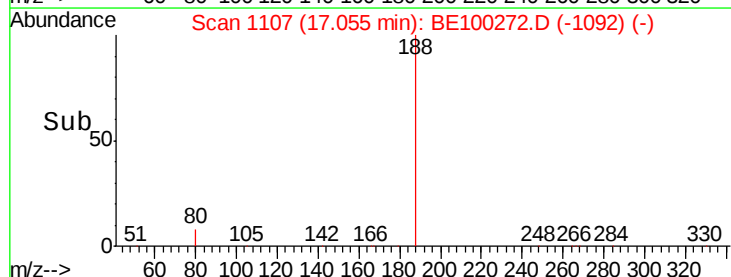
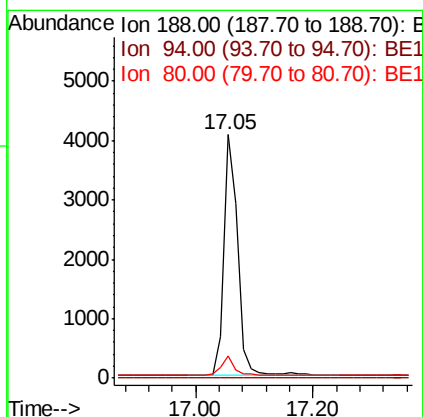
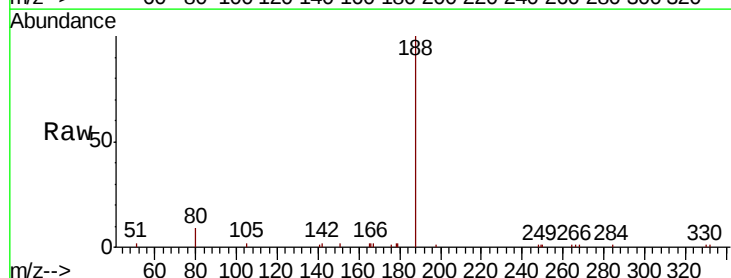
Instrument :
 BNA_M
 ClientSampleId :
 EXT-013-SW163-061319DL

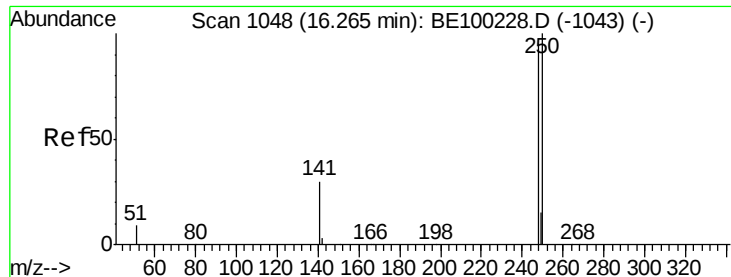
Tgt Ion:166 Resp: 1197
 Ion Ratio Lower Upper
 166 100
 165 106.5 81.1 121.7
 167 18.9 10.7 16.1#



#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.05 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BE100272.D
 Acq: 1 Jul 2019 19:07

Tgt Ion:188 Resp: 6743
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.0 7.6 11.4

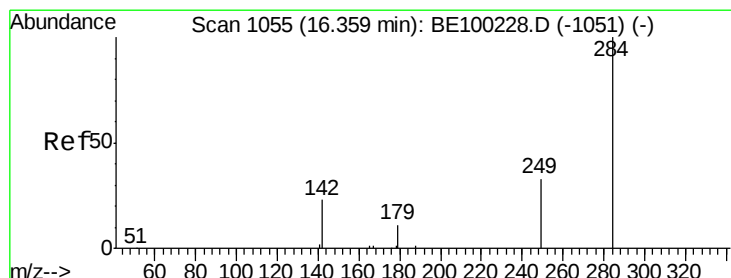
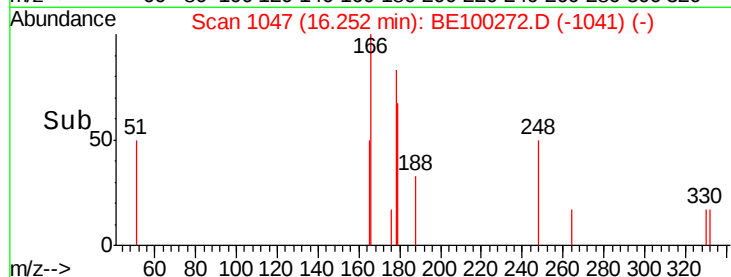
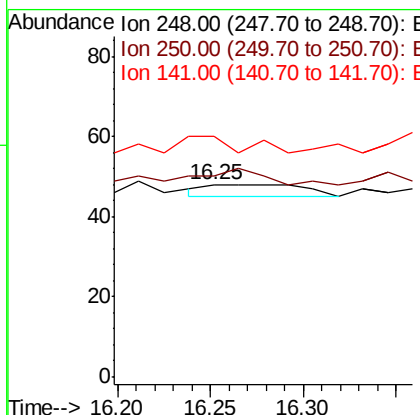
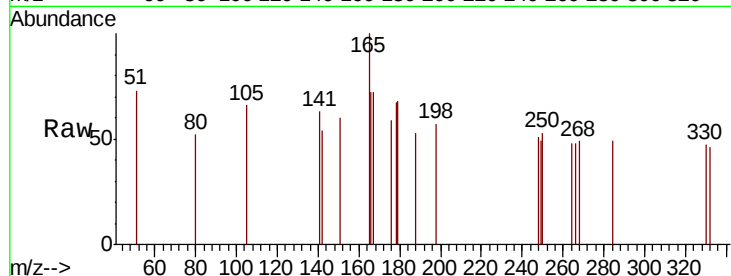




#20
4-Bromophenyl-phenylether
Concen: 0.003 ng
RT: 16.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE100272.D
Acq: 1 Jul 2019 19:07

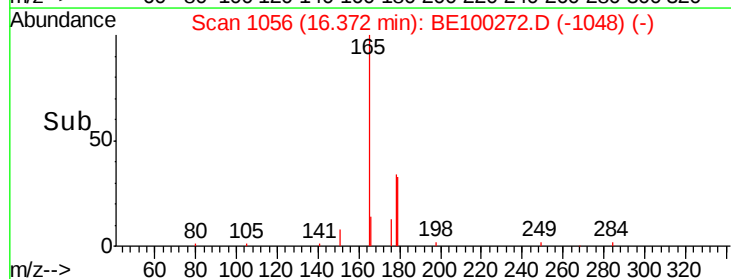
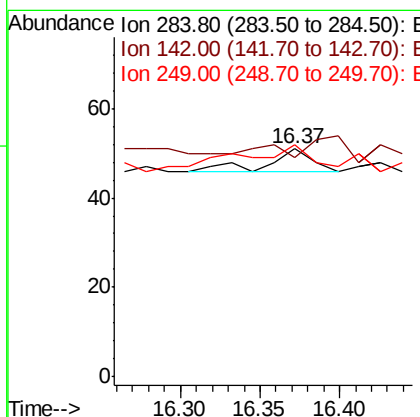
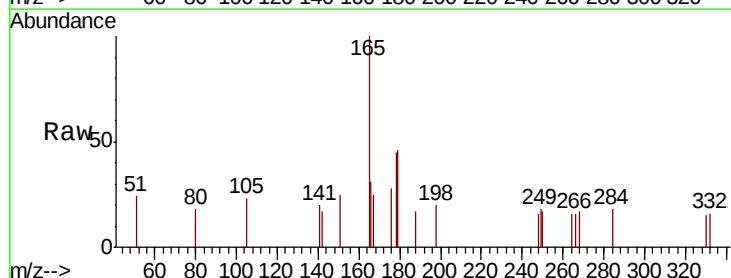
Instrument :
BNA_M
ClientSampleId :
EXT-013-SW163-061319DL

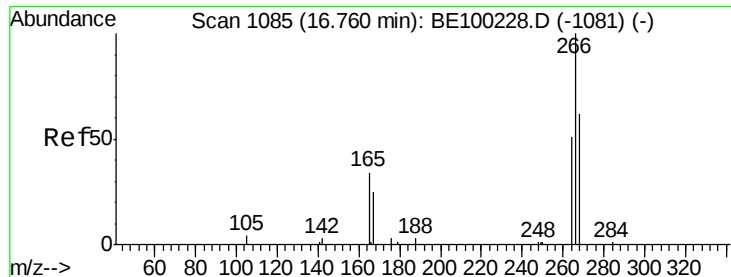
Tgt Ion:248 Resp: 11
Ion Ratio Lower Upper
248 100
250 104.2 84.2 126.4
141 125.0 29.3 43.9#



#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.37 min Scan# 1056
Delta R.T. 0.01 min
Lab File: BE100272.D
Acq: 1 Jul 2019 19:07

Tgt Ion:284 Resp: 10
Ion Ratio Lower Upper
284 100
142 0.0 18.8 28.2#
249 120.0 23.7 35.5#

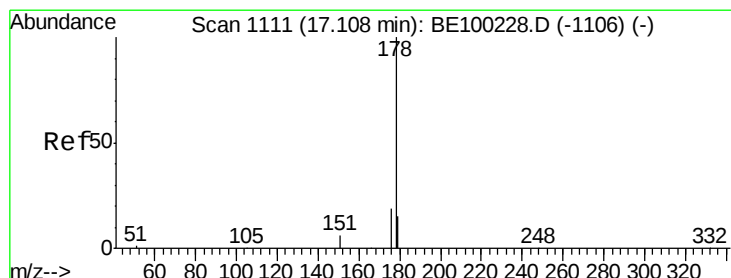
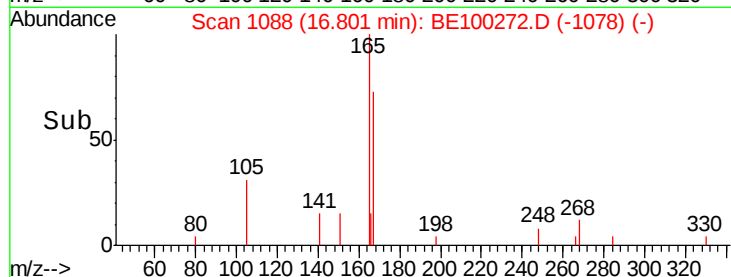
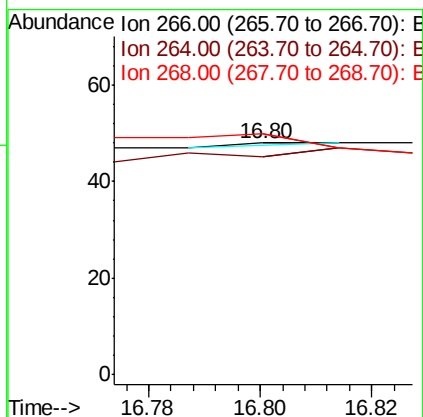
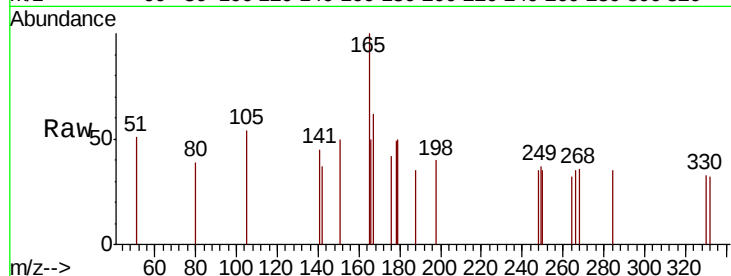




#22
 Pentachlorophenol
 Concen: 0.001 ng
 RT: 16.80 min Scan# 1088
 Delta R.T. 0.04 min
 Lab File: BE100272.D
 Acq: 1 Jul 2019 19:07

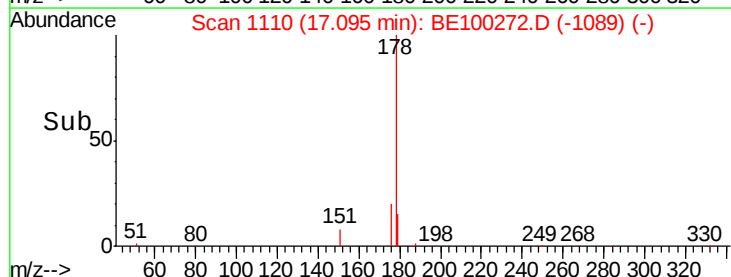
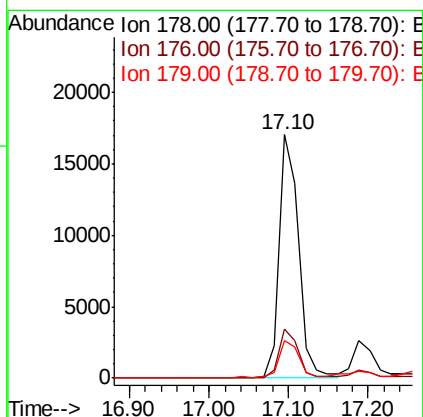
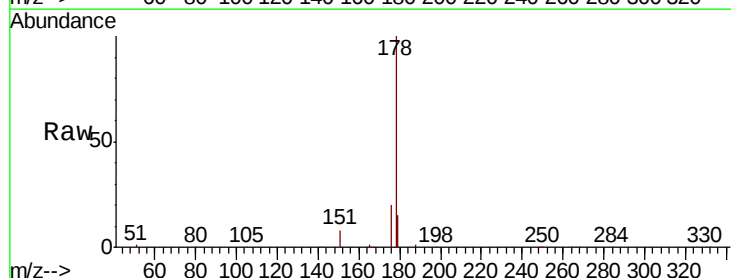
Instrument :
 BNA_M
 ClientSampleId :
 EXT-013-SW163-061319DL

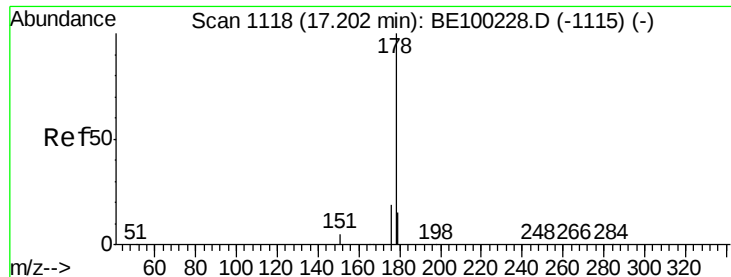
Tgt Ion: 266 Resp: 1
 Ion Ratio Lower Upper
 266 100
 264 93.8 56.2 84.2#
 268 104.2 61.8 92.6#



#23
 Phenanthrene
 Concen: 1.766 ng
 RT: 17.10 min Scan# 1110
 Delta R.T. -0.01 min
 Lab File: BE100272.D
 Acq: 1 Jul 2019 19:07

Tgt Ion: 178 Resp: 28868
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.4 12.2 18.2





#24

Anthracene

Concen: 0.291 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100272.D

Acq: 1 Jul 2019 19:07

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW163-061319DL

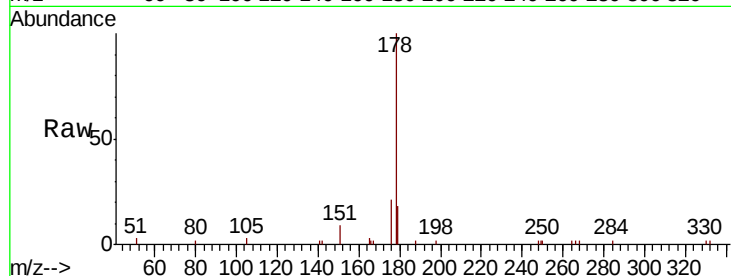
Tgt Ion:178 Resp: 4287

Ion Ratio Lower Upper

178 100

176 20.2 15.3 22.9

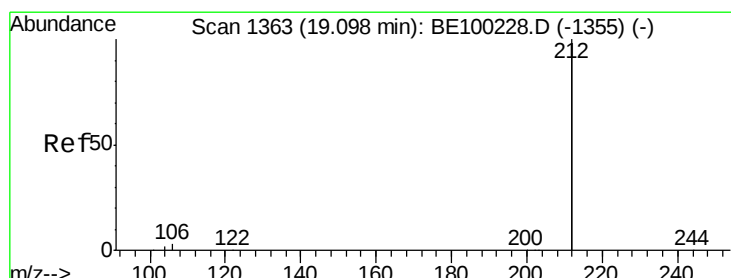
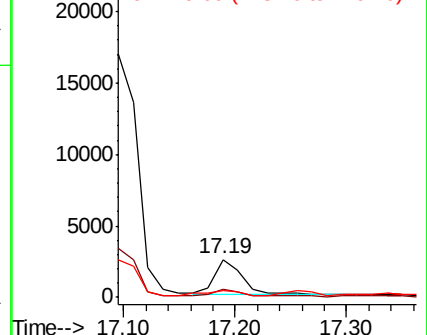
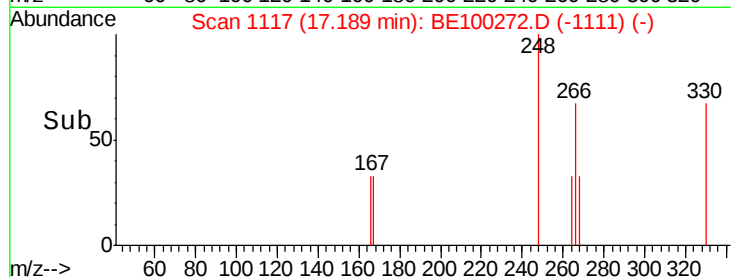
179 16.5 12.2 18.2



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: 0.067 ng

RT: 19.10 min Scan# 1363

Delta R.T. -0.00 min

Lab File: BE100272.D

Acq: 1 Jul 2019 19:07

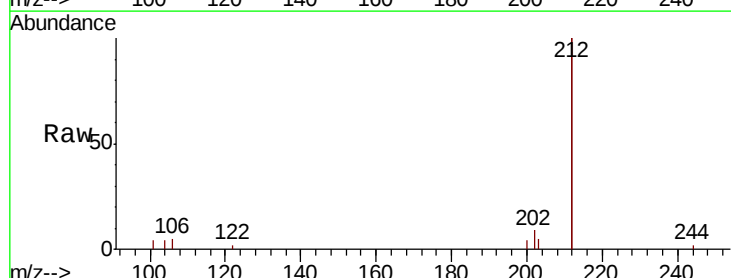
Tgt Ion:212 Resp: 6531

Ion Ratio Lower Upper

212 100

106 1.9 1.3 1.9

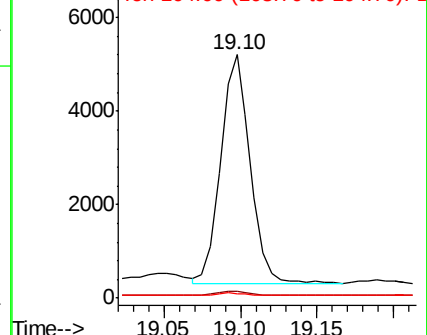
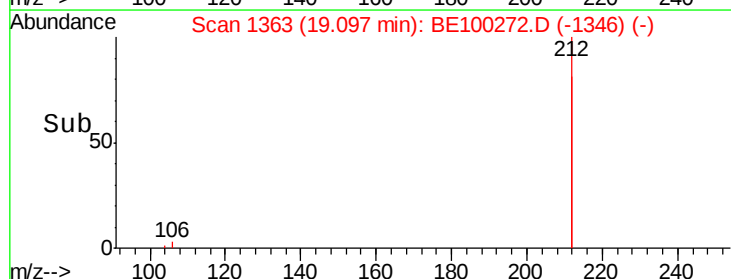
104 1.0 0.8 1.2

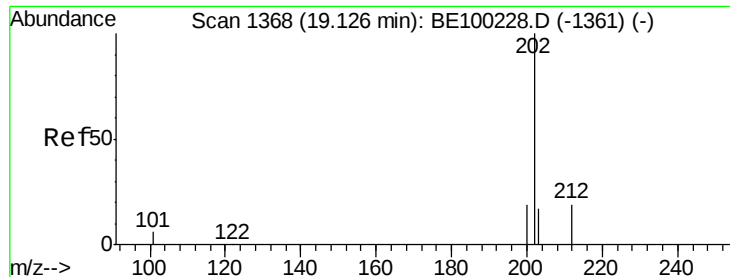


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

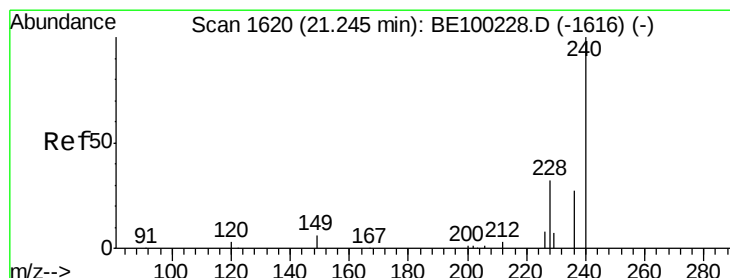
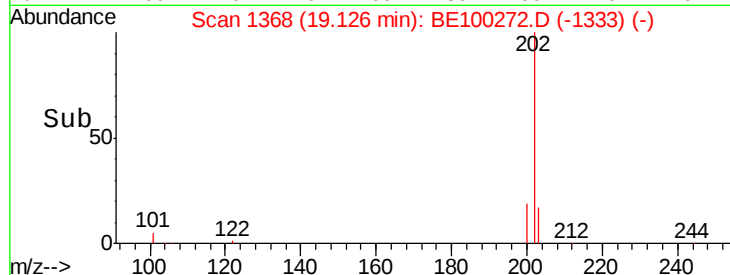
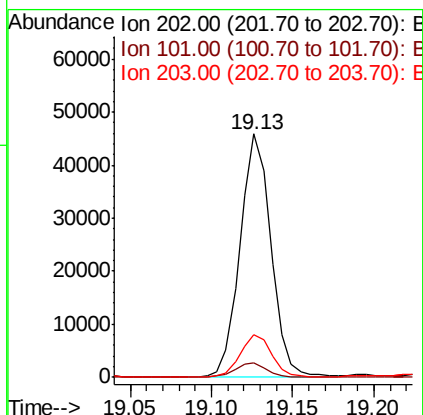
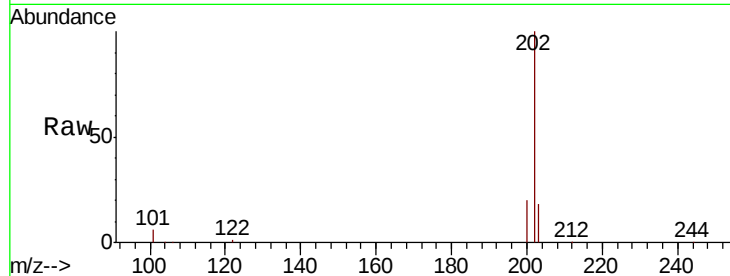




#26
Fluoranthene
Concen: 2.325 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BE100272.D
Acq: 1 Jul 2019 19:07

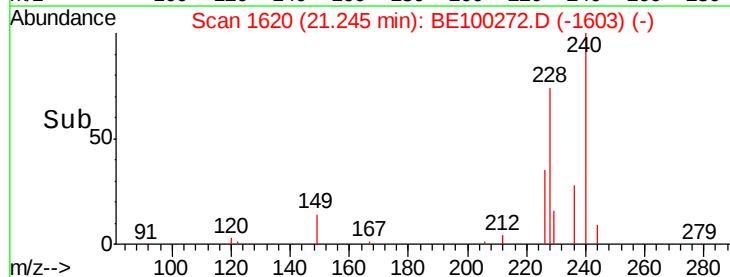
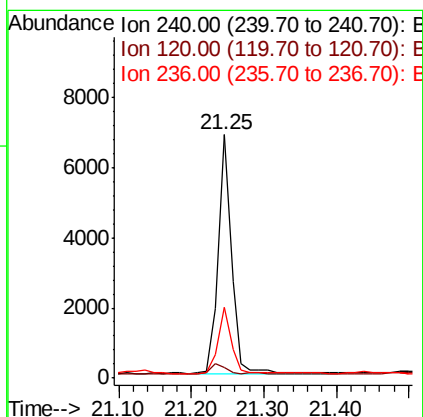
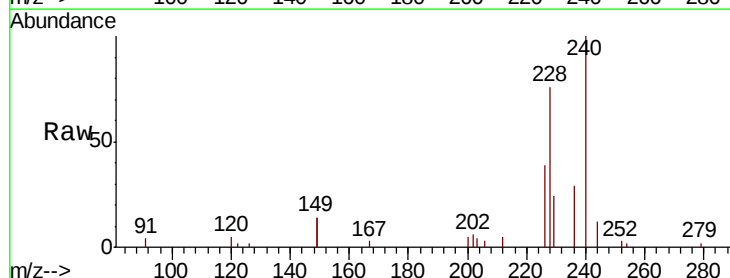
Instrument :
BNA_M
ClientSampleId :
EXT-013-SW163-061319DL

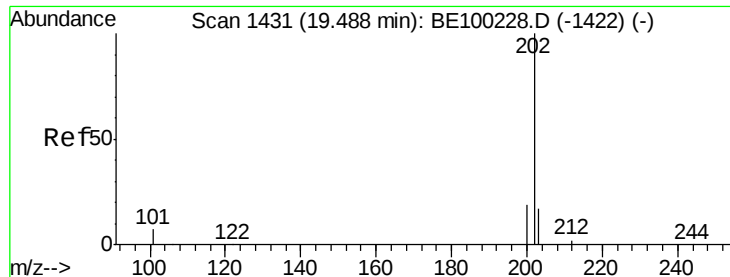
Tgt Ion: 202 Resp: 60534
Ion Ratio Lower Upper
202 100
101 5.7 4.6 7.0
203 17.5 13.7 20.5



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100272.D
Acq: 1 Jul 2019 19:07

Tgt Ion: 240 Resp: 8870
Ion Ratio Lower Upper
240 100
120 4.6 3.3 4.9
236 29.2 22.6 34.0

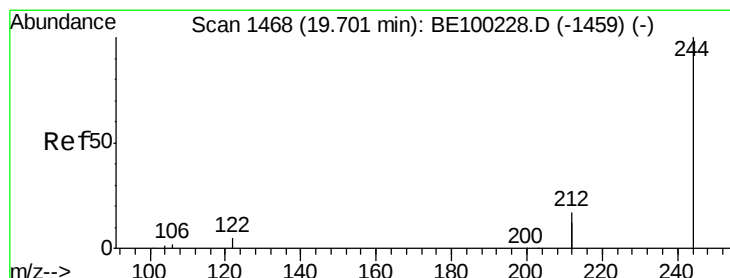
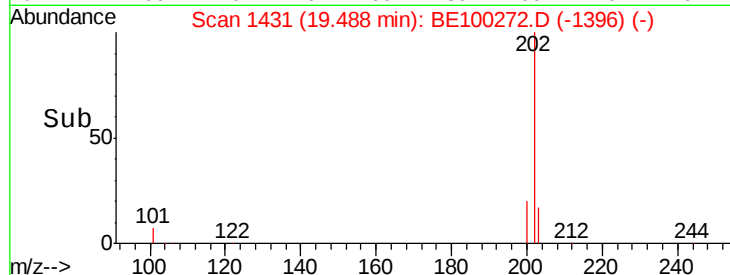
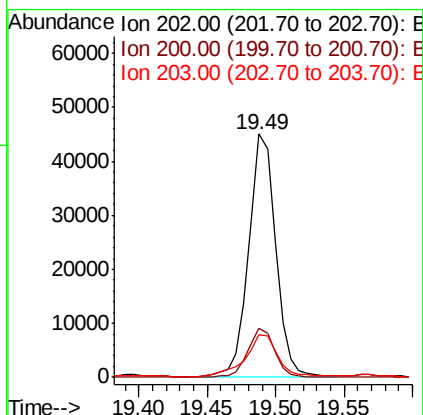
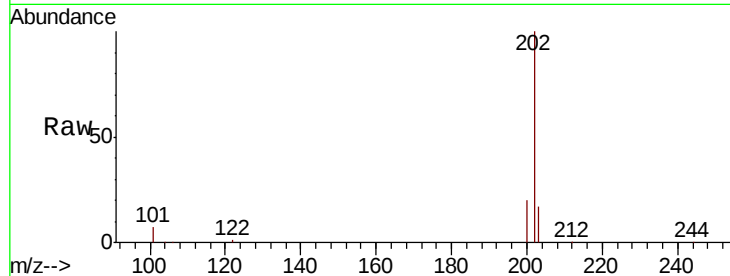




#28
 Pyrene
 Concen: 2.584 ng
 RT: 19.49 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BE100272.D
 Acq: 1 Jul 2019 19:07

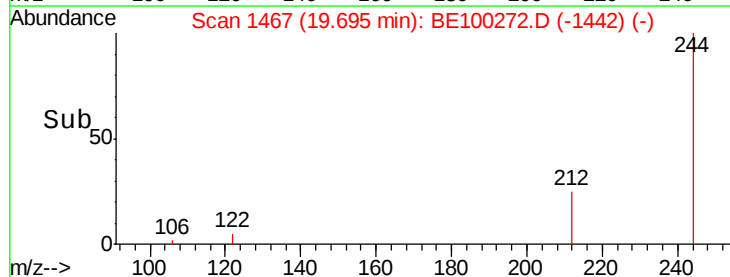
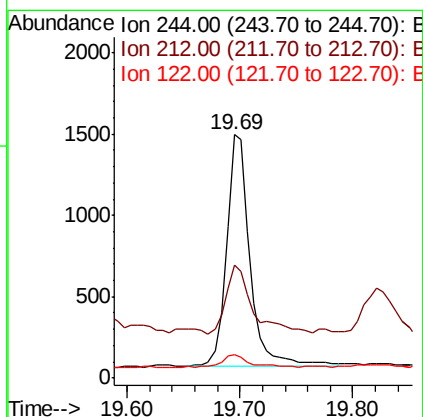
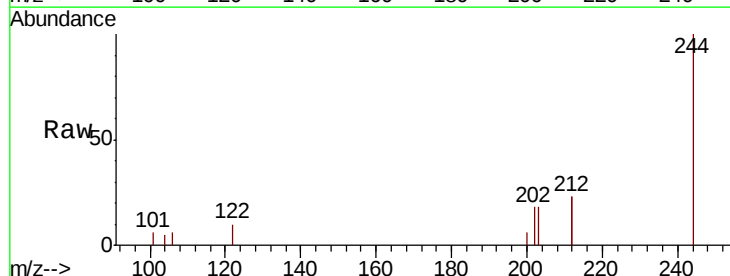
Instrument :
 BNA_M
 ClientSampleId :
 EXT-013-SW163-061319DL

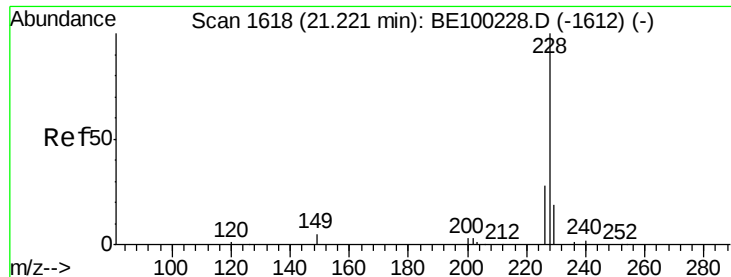
Tgt Ion: 202 Resp: 60684
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.6 23.4
 203 20.4 14.0 21.0



#29
 Terphenyl-d14
 Concen: 0.111 ng
 RT: 19.69 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BE100272.D
 Acq: 1 Jul 2019 19:07

Tgt Ion: 244 Resp: 2045
 Ion Ratio Lower Upper
 244 100
 212 46.6 27.3 40.9#
 122 9.6 4.7 7.1#





#30

Benzo(a)anthracene

Concen: 1.208 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100272.D

Acq: 1 Jul 2019 19:07

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW163-061319DL

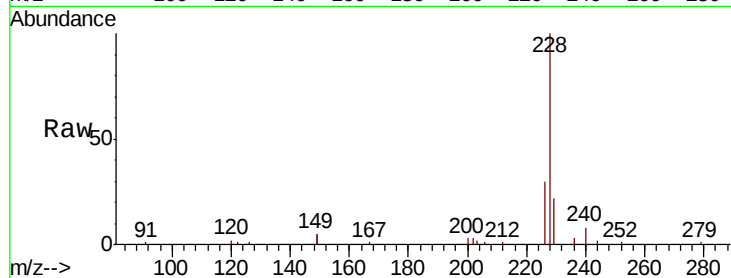
Tgt Ion:228 Resp: 35223

Ion Ratio Lower Upper

228 100

226 30.1 23.2 34.8

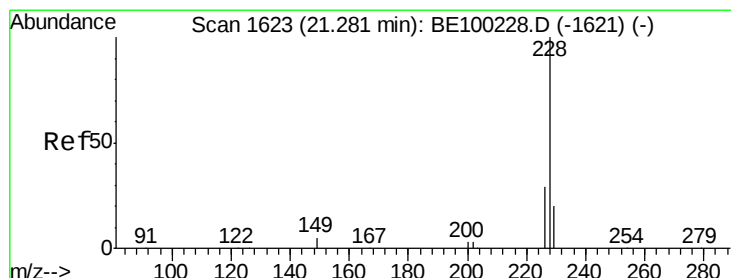
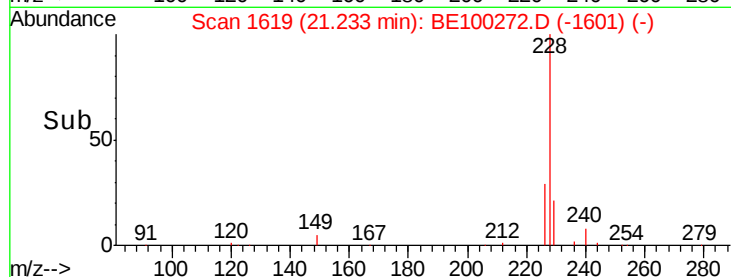
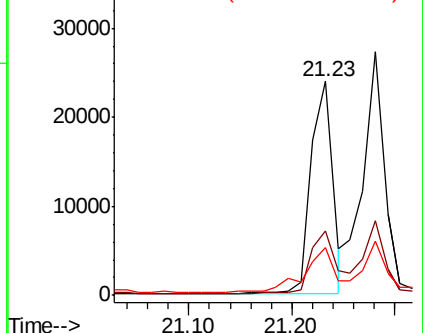
229 22.5 15.7 23.5



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: 1.200 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100272.D

Acq: 1 Jul 2019 19:07

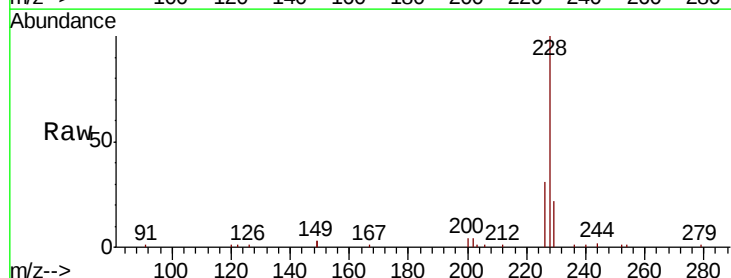
Tgt Ion:228 Resp: 35153

Ion Ratio Lower Upper

228 100

226 30.9 23.9 35.9

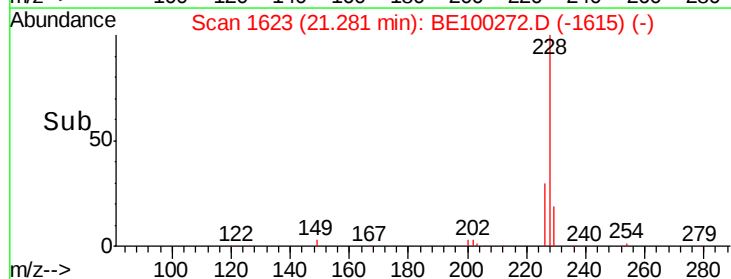
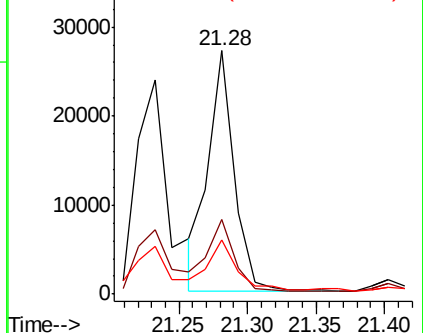
229 22.4 16.5 24.7

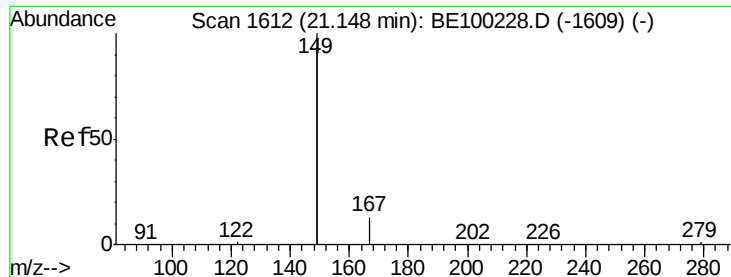


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

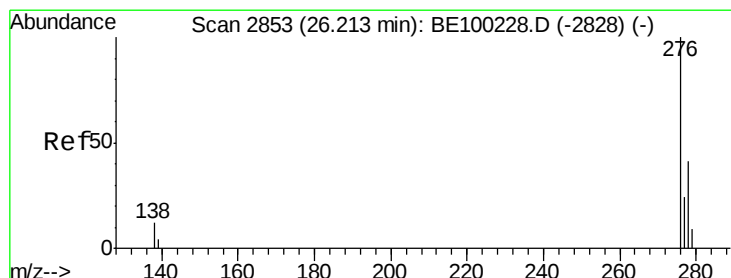
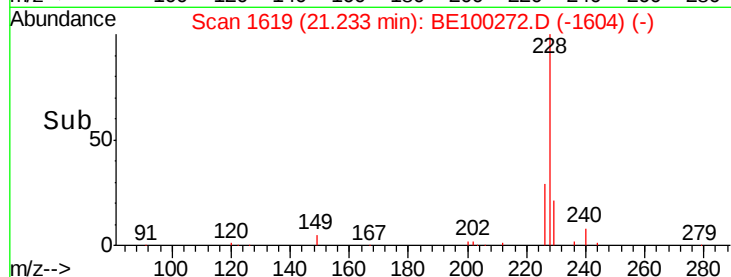
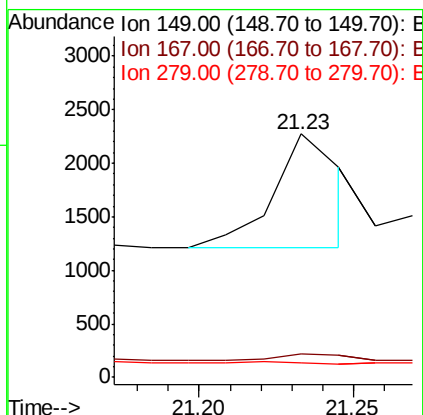
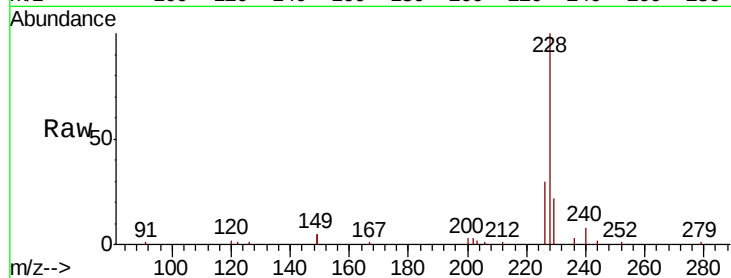




#32
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.23 min Scan# 1619
 Delta R.T. 0.09 min
 Lab File: BE100272.D
 Acq: 1 Jul 2019 19:07

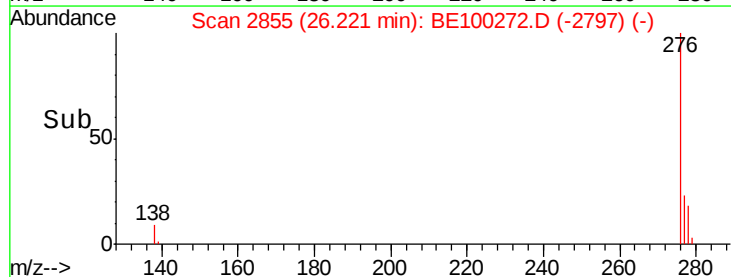
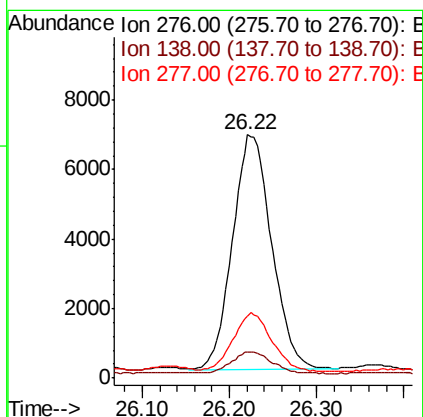
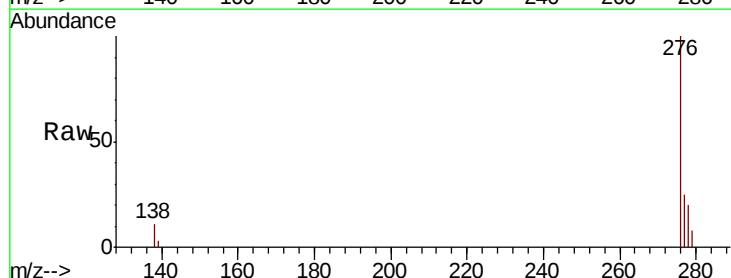
Instrument :
 BNA_M
 ClientSampleId :
 EXT-013-SW163-061319DL

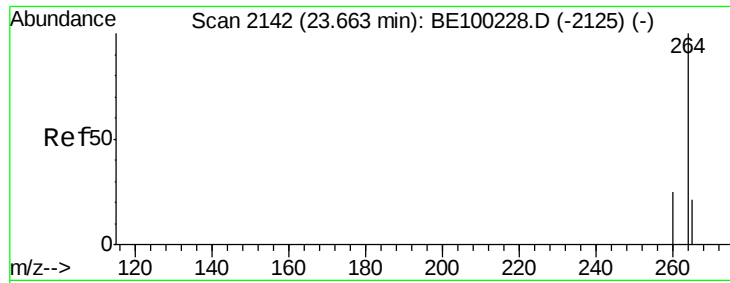
Tgt Ion: 149 Resp: 1634
 Ion Ratio Lower Upper
 149 100
 167 6.2 5.8 8.8
 279 1.3 1.1 1.7



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.543 ng
 RT: 26.22 min Scan# 2855
 Delta R.T. 0.01 min
 Lab File: BE100272.D
 Acq: 1 Jul 2019 19:07

Tgt Ion: 276 Resp: 21042
 Ion Ratio Lower Upper
 276 100
 138 9.6 9.4 14.0
 277 24.8 19.2 28.8

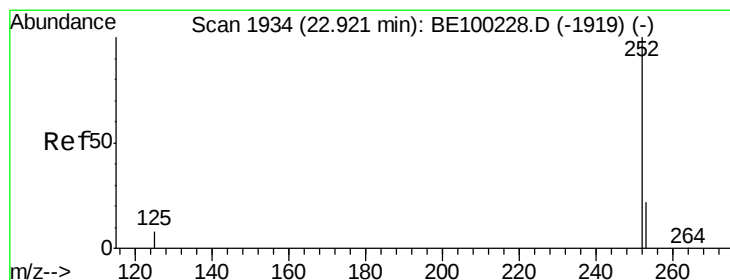
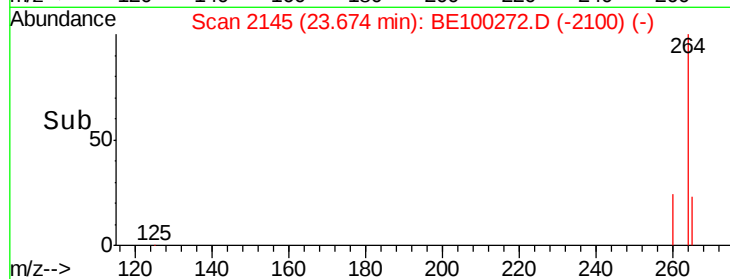
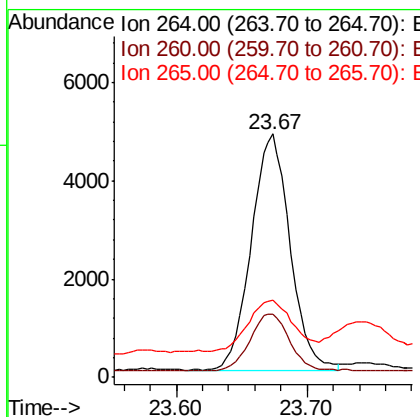
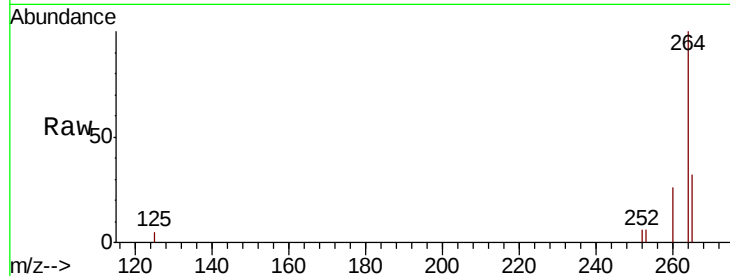




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BE100272.D
Acq: 1 Jul 2019 19:07

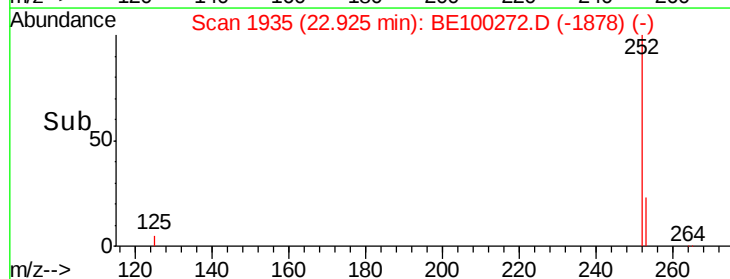
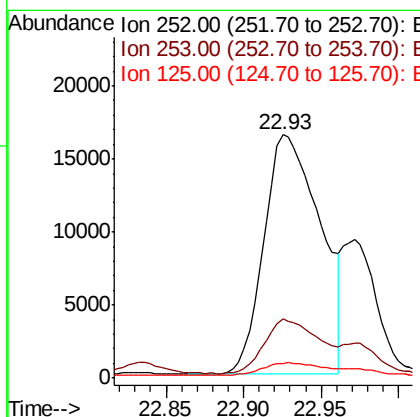
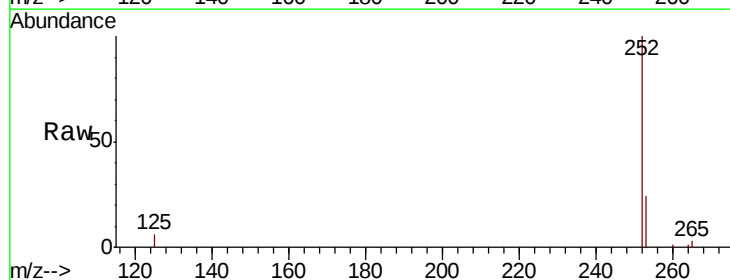
Instrument :
BNA_M
ClientSampleId :
EXT-013-SW163-061319DL

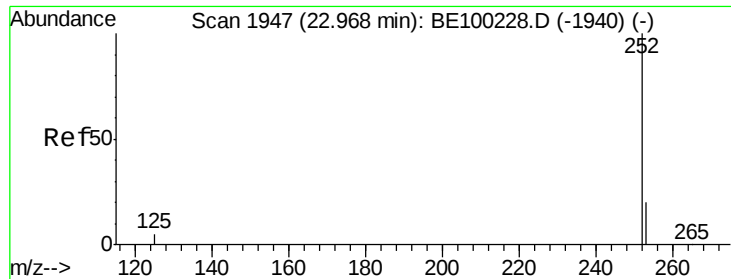
Tgt Ion: 264 Resp: 9905
Ion Ratio Lower Upper
264 100
260 25.8 20.8 31.2
265 31.5 21.8 32.6



#35
Benzo(b)fluoranthene
Concen: 1.542 ng
RT: 22.93 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BE100272.D
Acq: 1 Jul 2019 19:07

Tgt Ion: 252 Resp: 41398
Ion Ratio Lower Upper
252 100
253 24.2 19.2 28.8
125 6.1 7.4 11.0#





#36

Benzo(k)fluoranthene

Concen: 1.381 ng

RT: 22.93 min Scan# 1935

Delta R.T. -0.04 min

Lab File: BE100272.D

Acq: 1 Jul 2019 19:07

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW163-061319DL

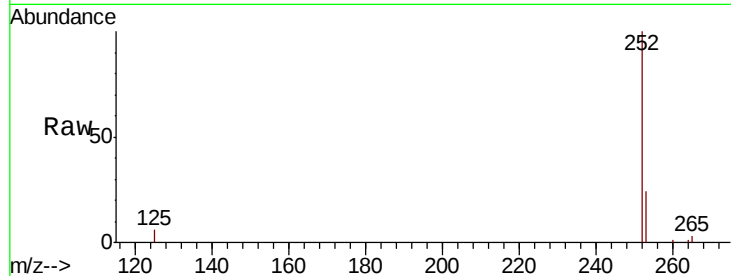
Tgt Ion:252 Resp: 41398

Ion Ratio Lower Upper

252 100

253 24.2 17.9 26.9

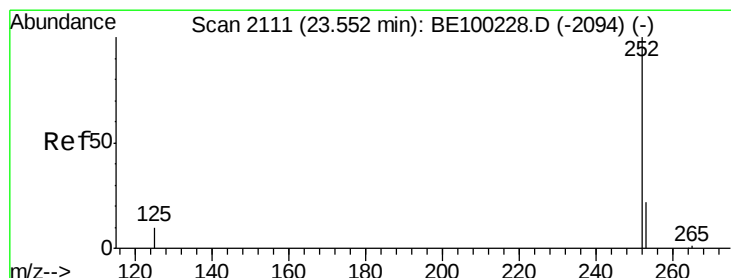
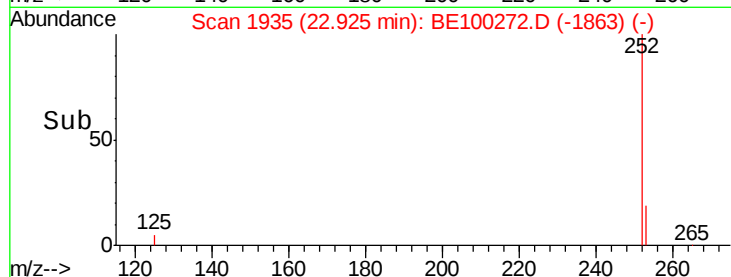
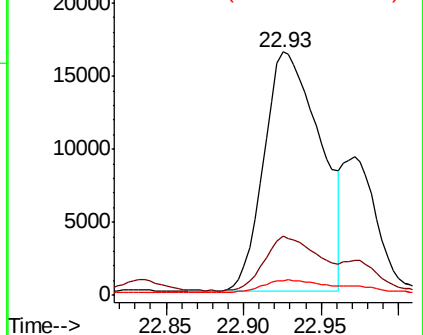
125 6.1 5.0 7.4



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: 1.088 ng

RT: 23.56 min Scan# 2113

Delta R.T. 0.01 min

Lab File: BE100272.D

Acq: 1 Jul 2019 19:07

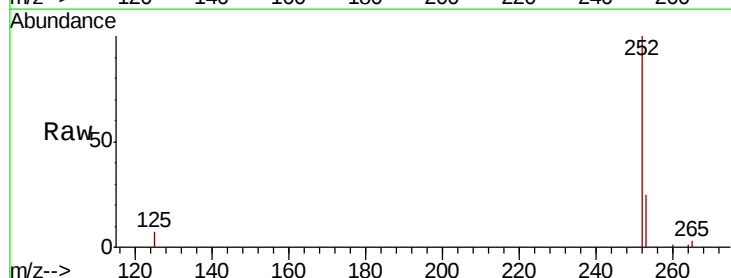
Tgt Ion:252 Resp: 29294

Ion Ratio Lower Upper

252 100

253 24.6 19.6 29.4

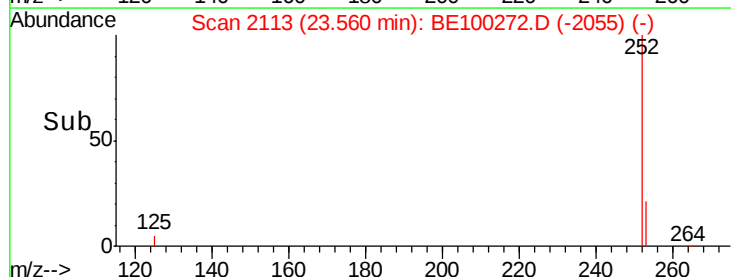
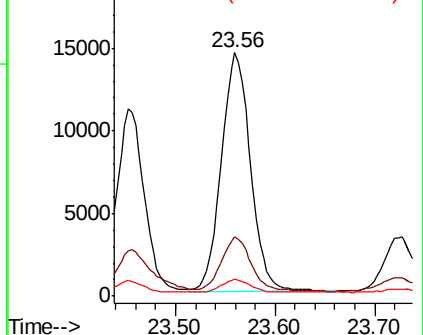
125 6.8 9.0 13.6#

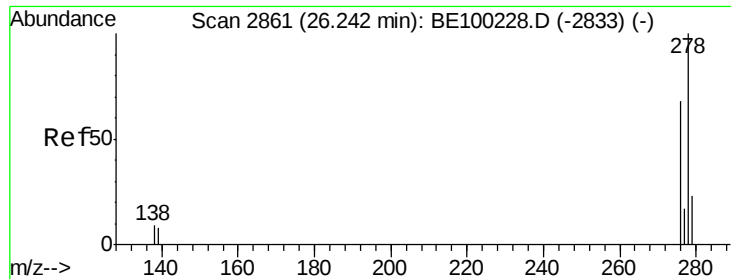


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.203 ng

RT: 26.24 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BE100272.D

Acq: 1 Jul 2019 19:07

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW163-061319DL

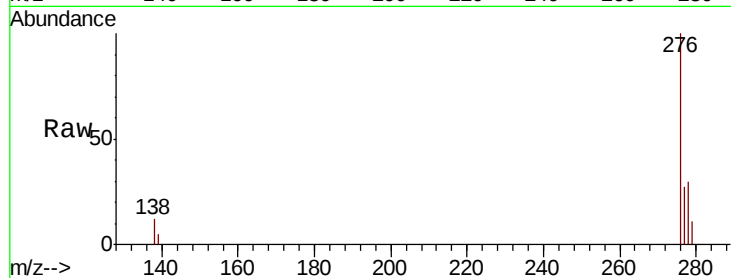
Tgt Ion:278 Resp: 5695

Ion Ratio Lower Upper

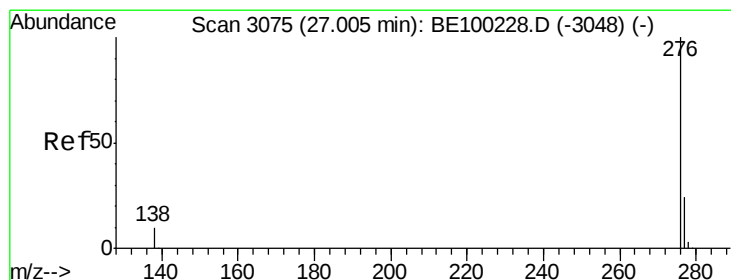
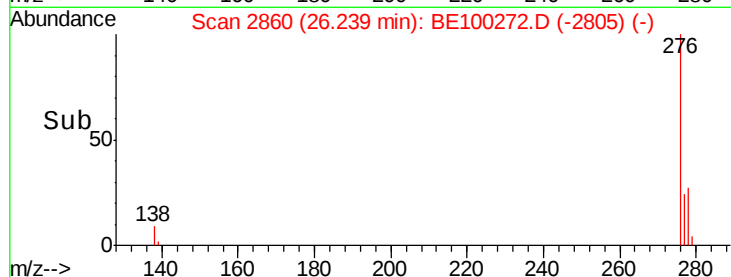
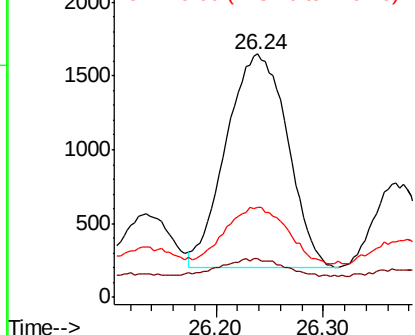
278 100

139 15.8 8.2 12.2#

279 37.2 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: 0.750 ng

RT: 27.02 min Scan# 3079

Delta R.T. 0.01 min

Lab File: BE100272.D

Acq: 1 Jul 2019 19:07

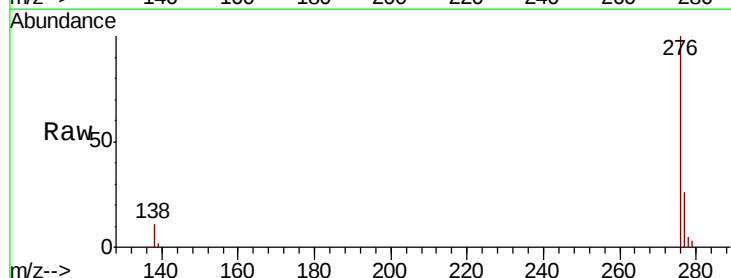
Tgt Ion:276 Resp: 21656

Ion Ratio Lower Upper

276 100

277 25.8 20.2 30.2

138 10.9 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

