

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
 Data File : BE100268.D
 Acq On : 1 Jul 2019 16:41
 Operator : JU/SJ
 Sample : K3428-19DL2 100X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-084-B041-061319DL

Quant Time: Jul 02 02:20:49 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	7.65	152	808	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	2949	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2334	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	6782	0.40	ng	0.00
27) Chrysene-d12	21.25	240	8999	0.40	ng	0.00
34) Perylene-d12	23.67	264	10836	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	25	0.01	ng	0.00
5) Phenol-d6	6.86	99	9	0.00	ng	0.02
8) Nitrobenzene-d5	8.81	82	13	0.00	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	47	0.01	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	10	0.01	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	34	0.00	ng	0.00
25) Fluoranthene-d10	19.10	212	448	0.00	ng	0.00
29) Terphenyl-d14	19.70	244	1535	0.08	ng	0.00

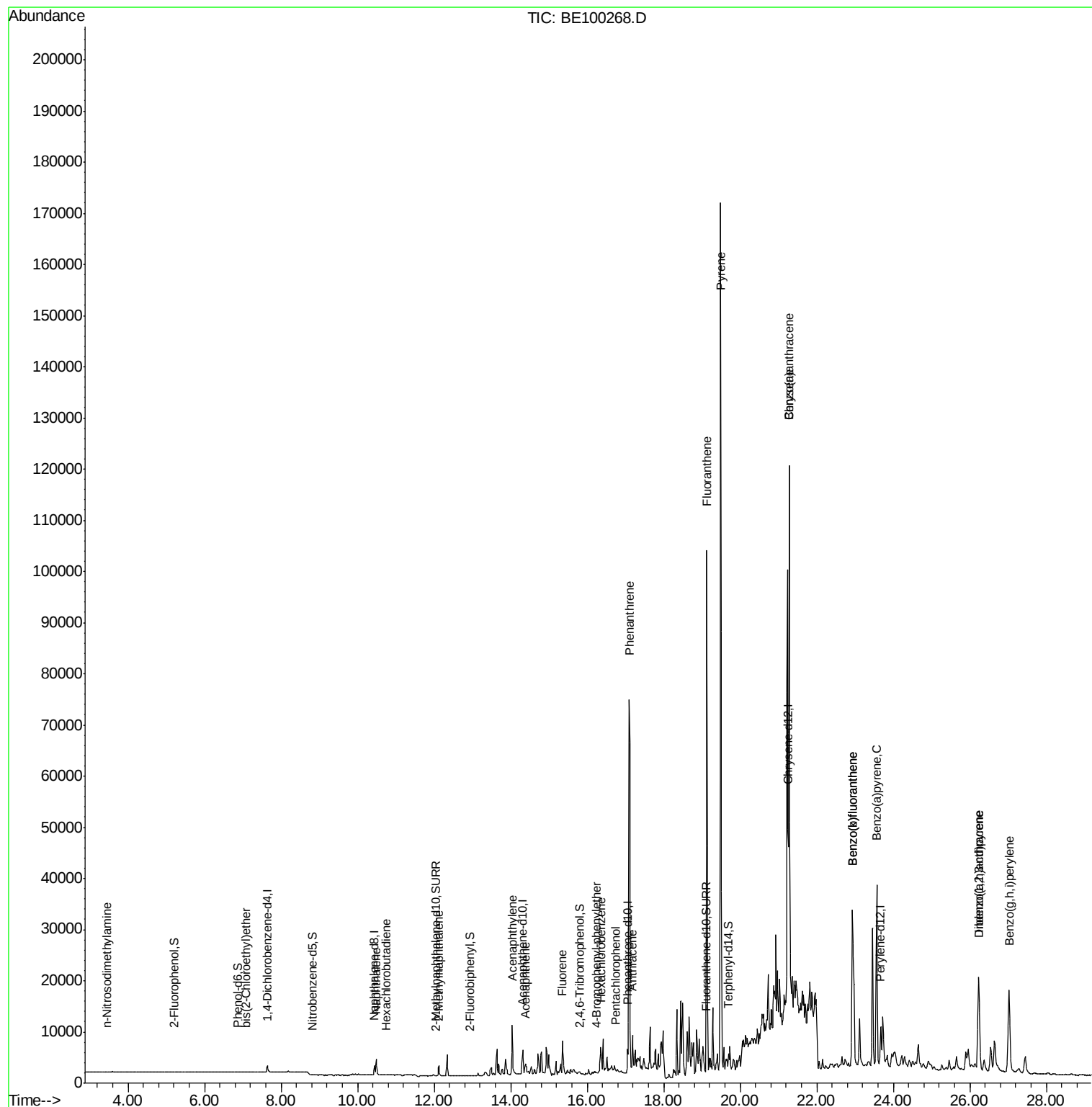
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.45	42	14	0.024	ng	# 1
6) bis(2-Chloroethyl)ether	7.08	93	15	0.007	ng	# 1
9) Naphthalene	10.49	128	5925	0.182	ng	99
10) Hexachlorobutadiene	10.75	225	2	0.001	ng	# 20
12) 2-Methylnaphthalene	12.12	142	1703	0.298	ng	97
16) Acenaphthylene	14.04	152	11770	1.051	ng	98
17) Acenaphthene	14.38	154	1100	0.173	ng	91
18) Fluorene	15.35	166	5827	0.621	ng	# 88
20) 4-Bromophenyl-phenylether	16.25	248	15	0.003	ng	# 29
21) Hexachlorobenzene	16.36	284	8	0.002	ng	# 1
22) Pentachlorophenol	16.73	266	14	0.010	ng	# 77
23) Phenanthrene	17.09	178	88395	5.378	ng	99
24) Anthracene	17.19	178	7717	0.521	ng	# 97
26) Fluoranthene	19.13	202	96531	3.687	ng	98
28) Pyrene	19.49	202	157228	6.599	ng	97
30) Benzo(a)anthracene	21.28	228	95222	3.218	ng	94
31) Chrysene	21.28	228	94695	3.187	ng	96
32) Bis(2-ethylhexyl)phthalate	21.15	149	2068	Below Cal		# 90
33) Indeno(1,2,3-cd)pyrene	26.23	276	34457	0.877	ng	98
35) Benzo(b)fluoranthene	22.93	252	63674	2.167	ng	# 97
36) Benzo(k)fluoranthene	22.93	252	63674	1.942	ng	97
37) Benzo(a)pyrene	23.56	252	57211	1.943	ng	# 95
38) Dibenzo(a,h)anthracene	26.24	278	10932	0.356	ng	# 76
39) Benzo(g,h,i)perylene	27.02	276	42068	1.332	ng	99

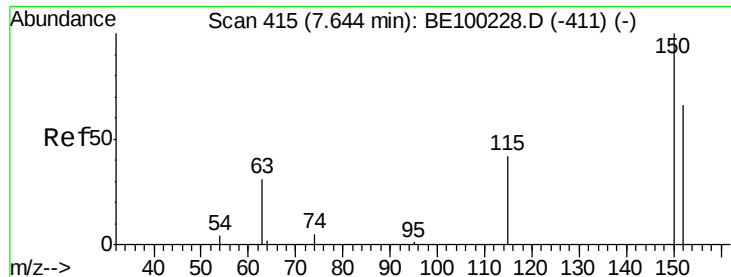
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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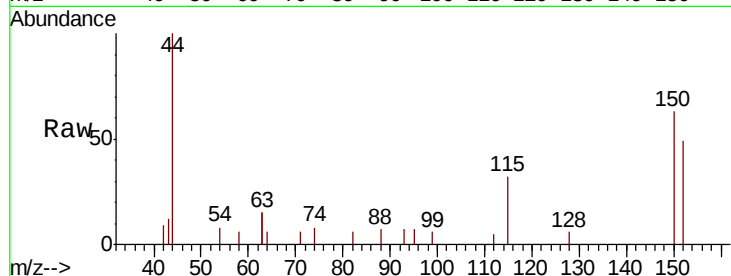


#1

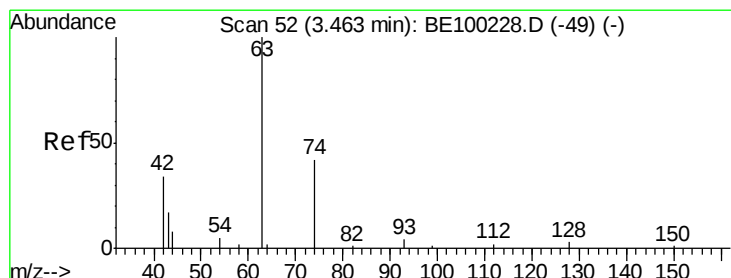
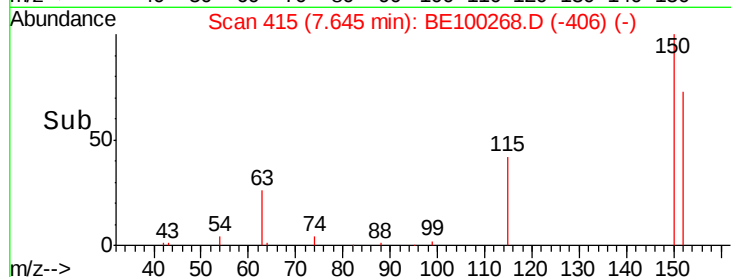
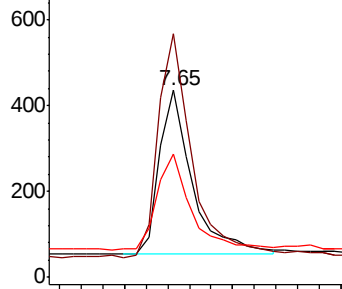
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 415
Delta R.T. 0.00 min
Lab File: BE100268.D
Acq: 1 Jul 2019 16:41

Instrument :
BNA_M
ClientSampleId :
PST-084-B041-061319DL

Tgt Ion:152 Resp: 808
Ion Ratio Lower Upper
152 100
150 130.0 114.5 171.7
115 65.6 57.1 85.7



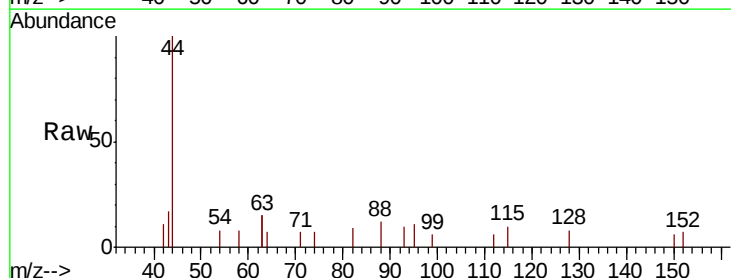
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



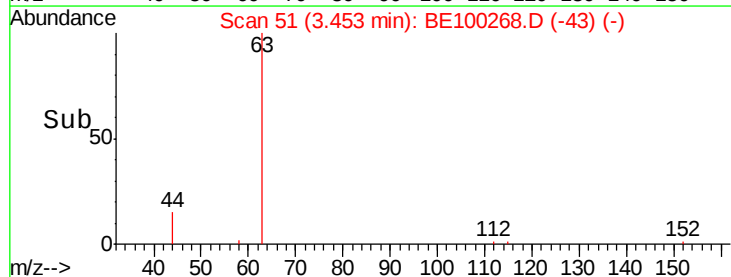
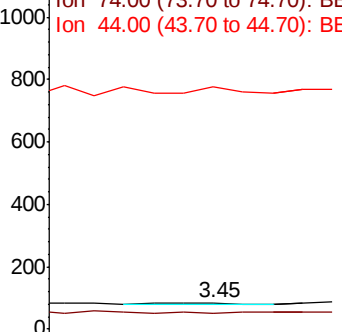
#3

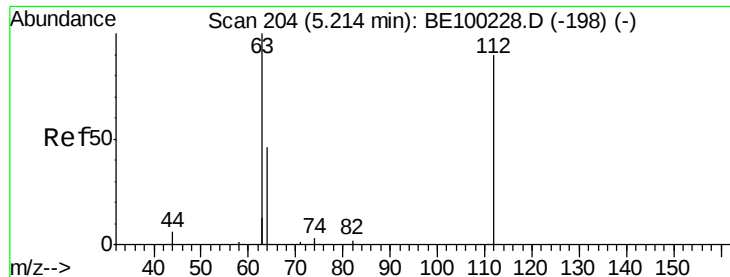
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.45 min Scan# 51
Delta R.T. -0.01 min
Lab File: BE100268.D
Acq: 1 Jul 2019 16:41

Tgt Ion: 42 Resp: 14
Ion Ratio Lower Upper
42 100
74 21.4 130.6 196.0#
44 135.7 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: 0.012 ng

RT: 5.22 min Scan# 204

Delta R.T. 0.00 min

Lab File: BE100268.D

Acq: 1 Jul 2019 16:41

Instrument :

BNA_M

ClientSampleId :

PST-084-B041-061319DL

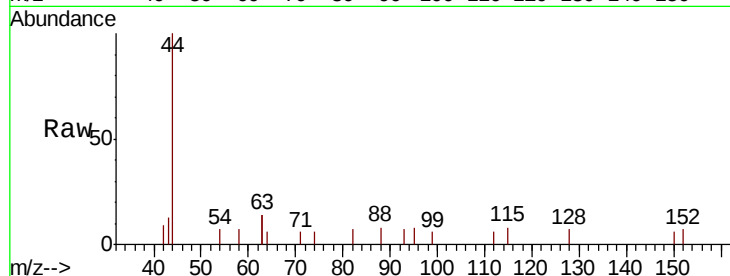
Tgt Ion: 112 Resp: 25

Ion Ratio Lower Upper

112 100

64 36.0 39.4 59.0#

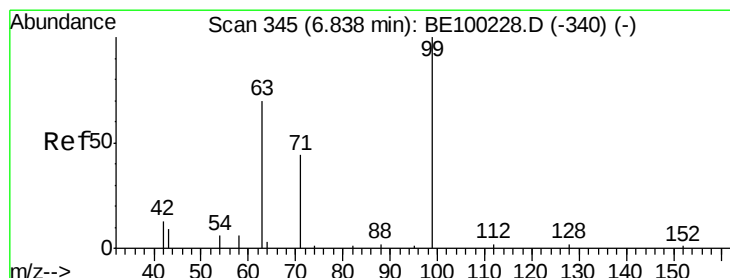
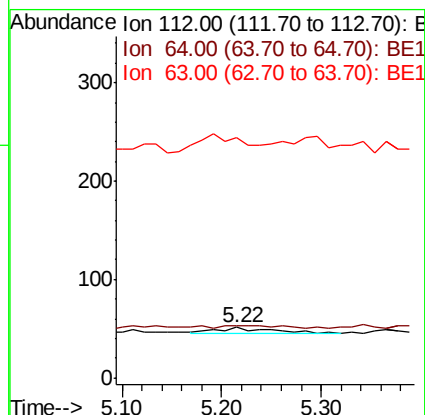
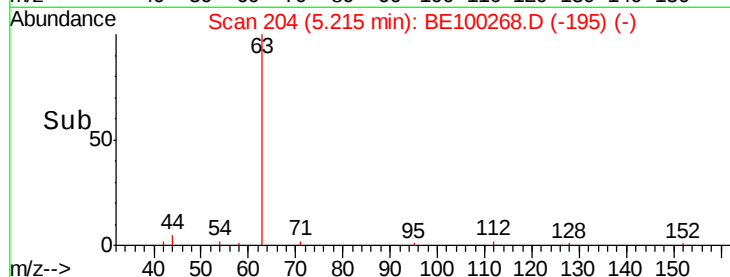
63 0.0 104.5 156.7#



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: 0.003 ng

RT: 6.86 min Scan# 347

Delta R.T. 0.02 min

Lab File: BE100268.D

Acq: 1 Jul 2019 16:41

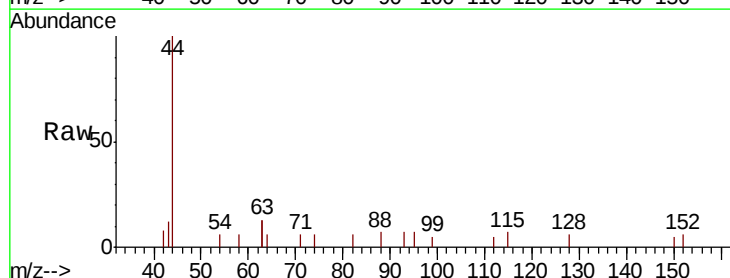
Tgt Ion: 99 Resp: 9

Ion Ratio Lower Upper

99 100

42 0.0 11.2 16.8#

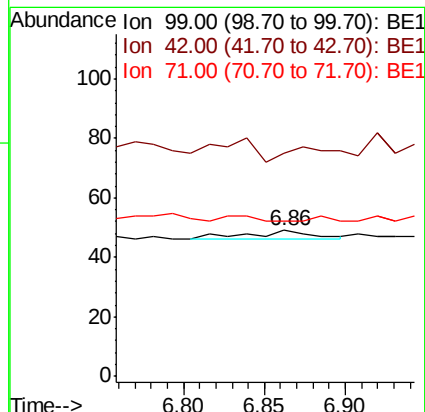
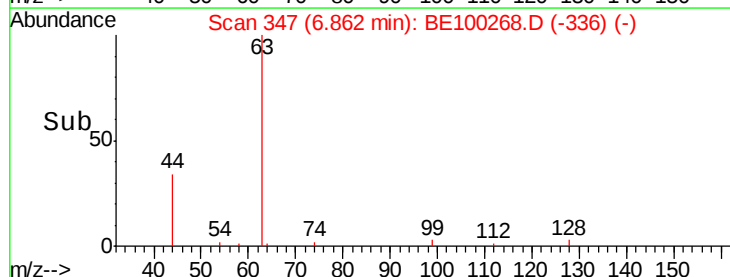
71 0.0 37.2 55.8#

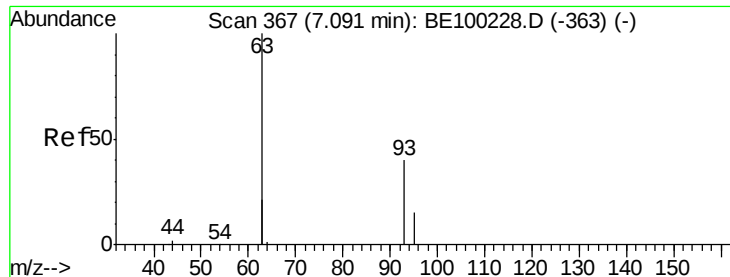


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.007 ng

RT: 7.08 min Scan# 366

Delta R.T. -0.01 min

Lab File: BE100268.D

Acq: 1 Jul 2019 16:41

Instrument :

BNA_M

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PST-084-B041-061319DL

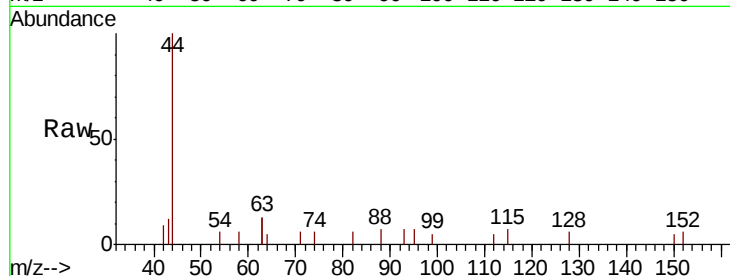
Tgt Ion: 93 Resp: 15

Ion Ratio Lower Upper

93 100

63 0.0 155.6 233.4#

95 0.0 23.0 34.4#

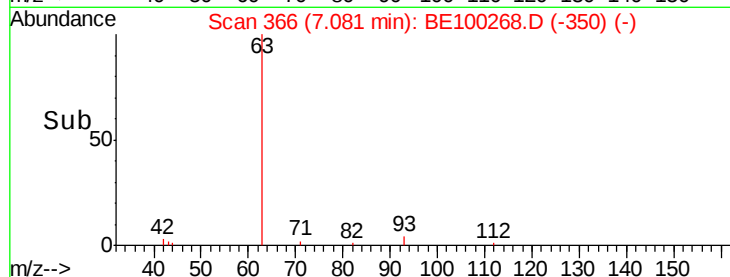


Abundance Ion 93.00 (92.70 to 93.70): BE1

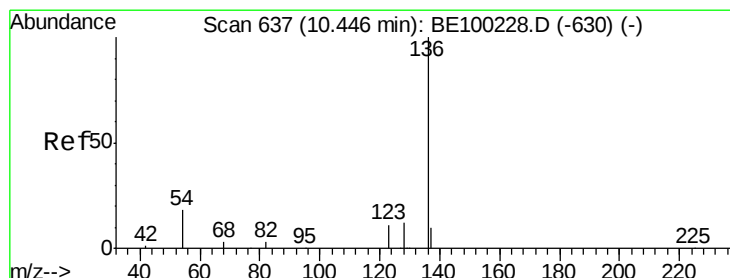
Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100268.D

Acq: 1 Jul 2019 16:41

Tgt Ion: 136 Resp: 2949

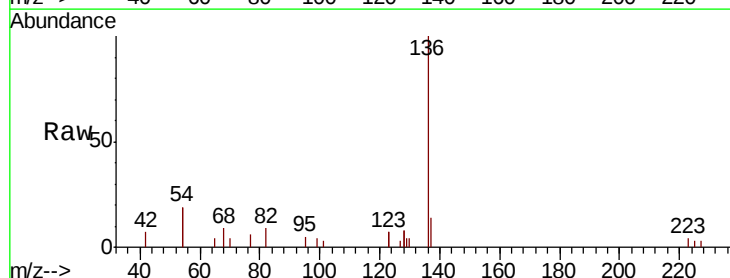
Ion Ratio Lower Upper

136 100

137 13.7 11.8 17.8

54 37.2 27.7 41.5

68 8.5 6.8 10.2



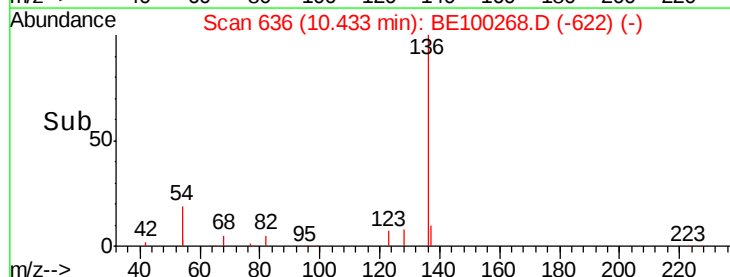
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

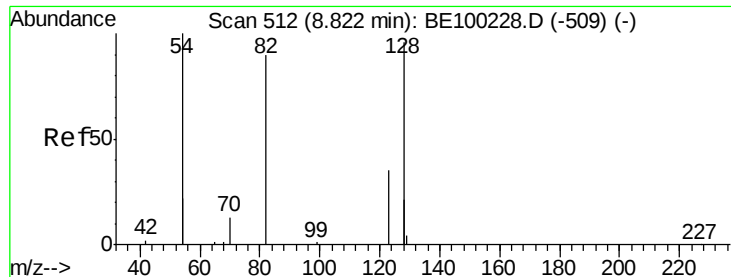
Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.004 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100268.D

Acq: 1 Jul 2019 16:41

Instrument :

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PST-084-B041-061319DL

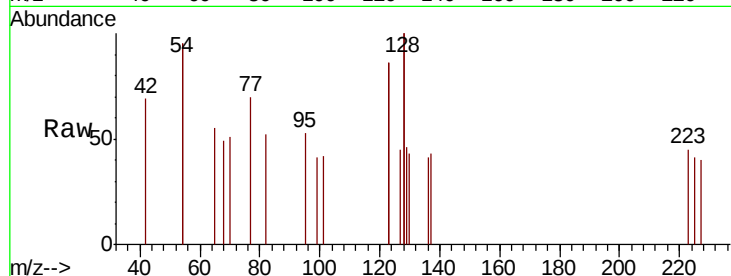
Tgt Ion: 82 Resp: 13

Ion Ratio Lower Upper

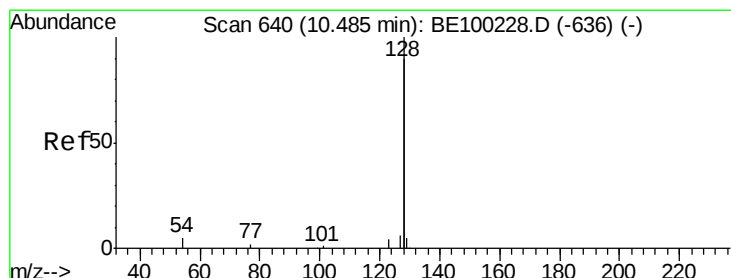
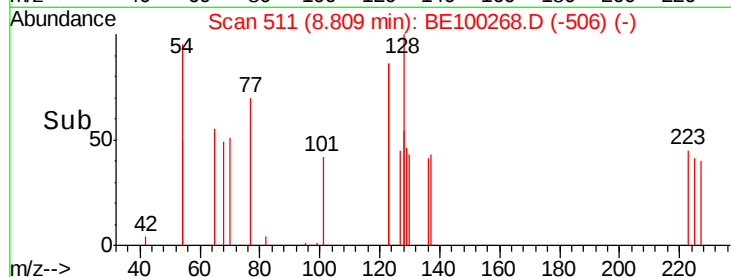
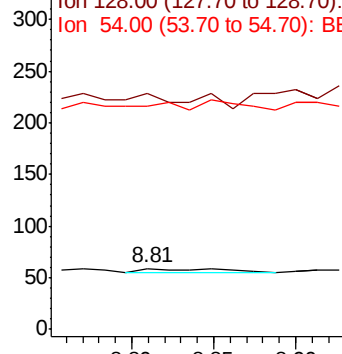
82 100

128 386.4 140.9 211.3#

54 366.1 146.2 219.2#



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: 0.182 ng

RT: 10.49 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE100268.D

Acq: 1 Jul 2019 16:41

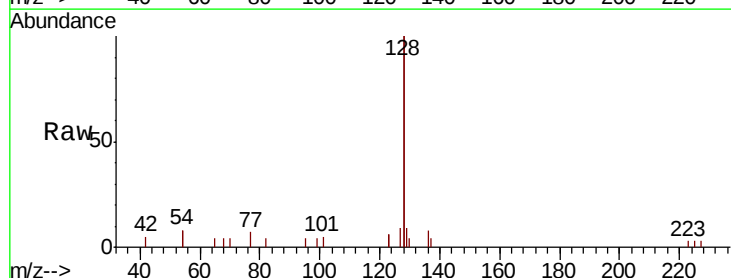
Tgt Ion: 128 Resp: 5925

Ion Ratio Lower Upper

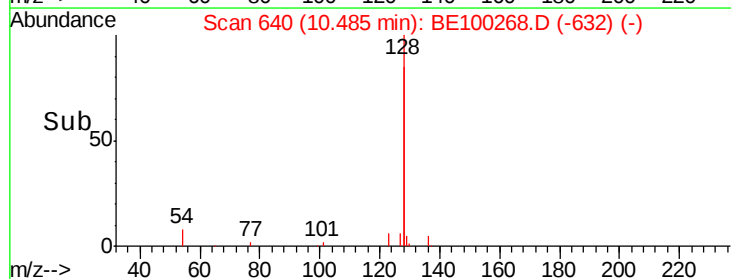
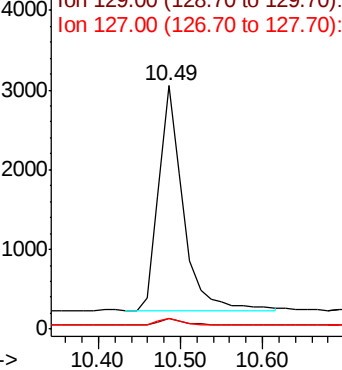
128 100

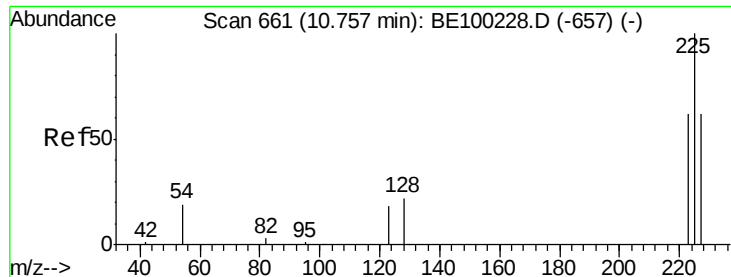
129 4.5 3.0 4.6

127 4.5 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

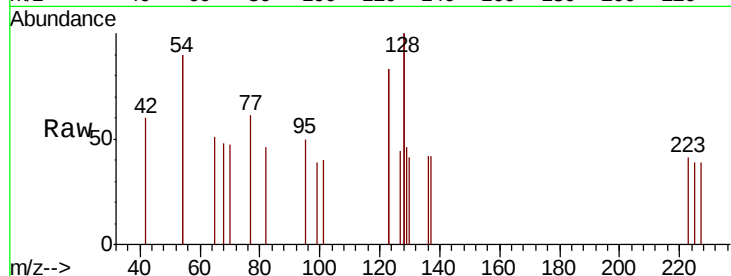




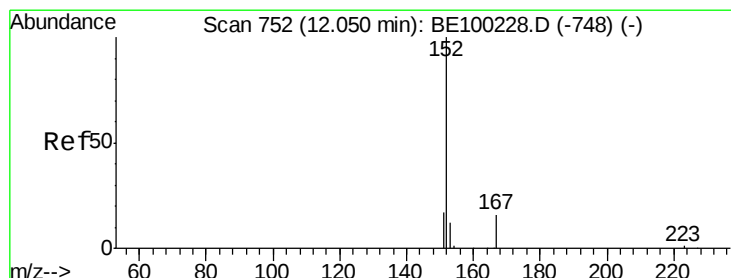
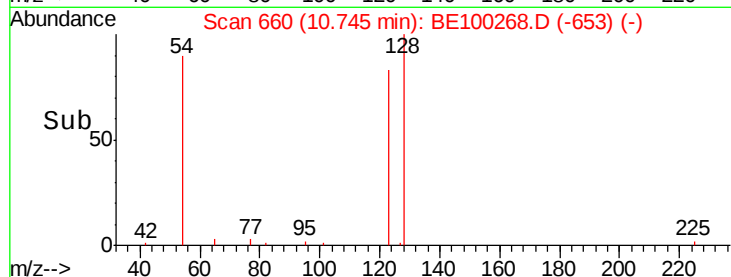
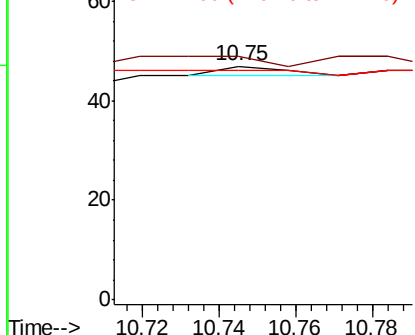
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.75 min Scan# 660
Delta R.T. -0.01 min
Lab File: BE100268.D
Acq: 1 Jul 2019 16:41

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

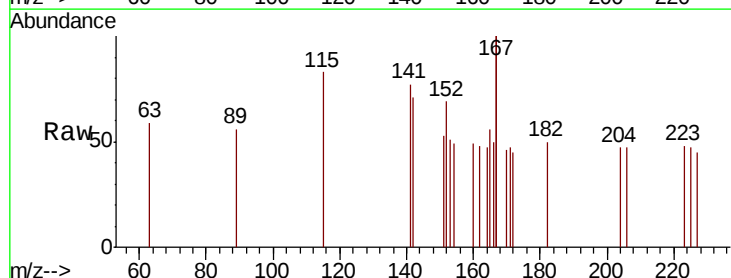


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

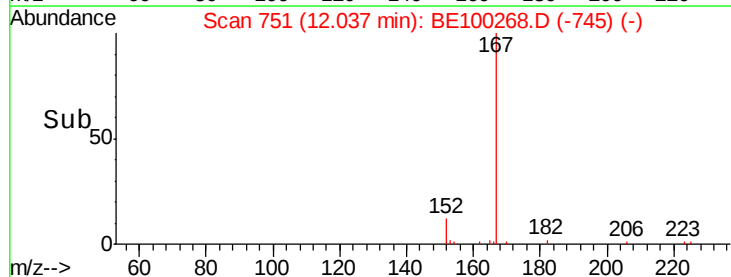
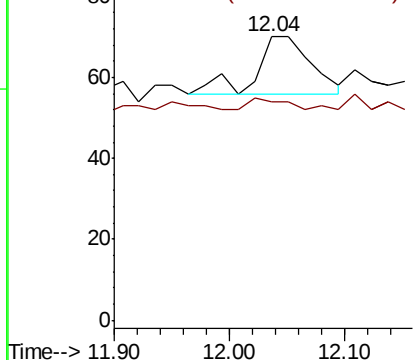


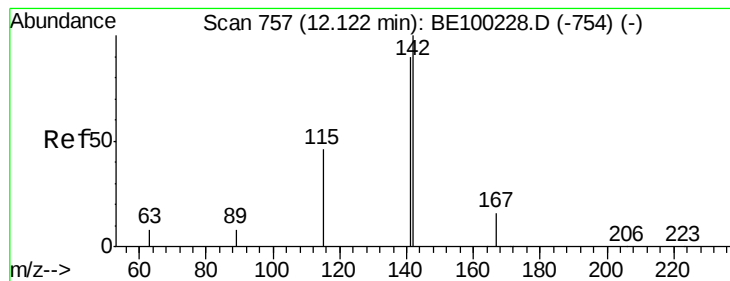
#11
2-Methylnaphthalene-d10
Concen: 0.008 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100268.D
Acq: 1 Jul 2019 16:41

Tgt Ion: 152 Resp: 47
Ion Ratio Lower Upper
152 100
151 12.8 15.1 22.7#



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

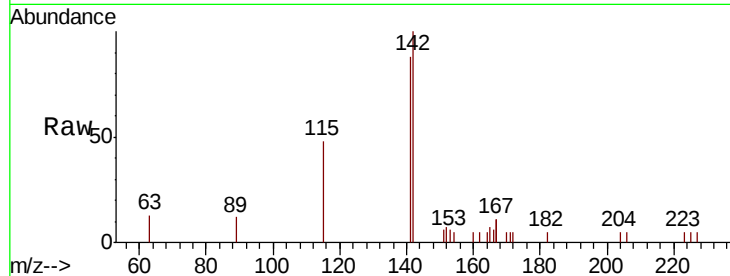




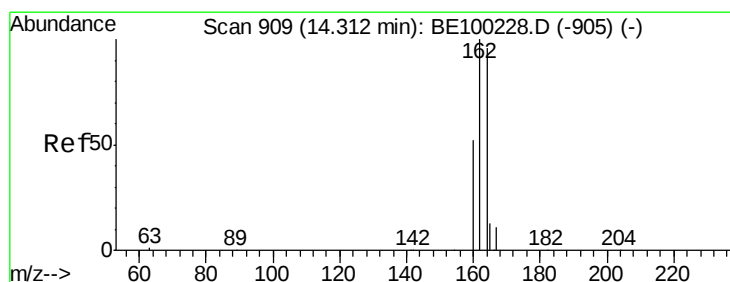
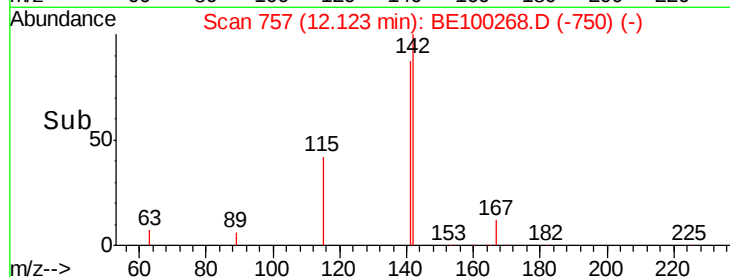
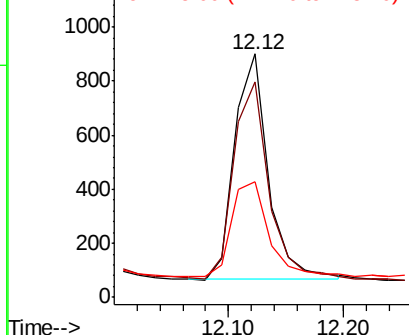
#12
2-Methylnaphthalene
Concen: 0.298 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100268.D
Acq: 1 Jul 2019 16:41

Instrument :
BNA_M
ClientSampleId :
PST-084-B041-061319DL

Tgt Ion:142 Resp: 1703
Ion Ratio Lower Upper
142 100
141 88.3 72.4 108.6
115 47.7 40.4 60.6

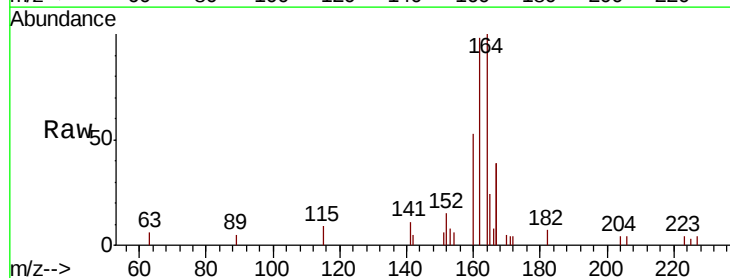


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

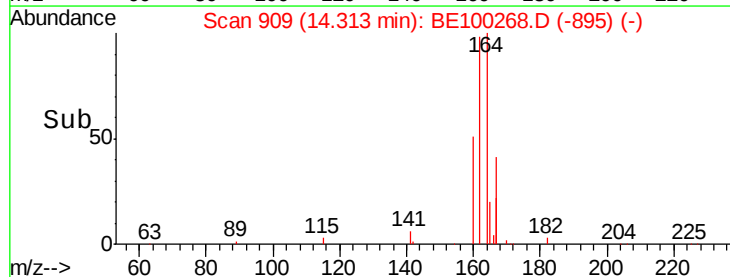
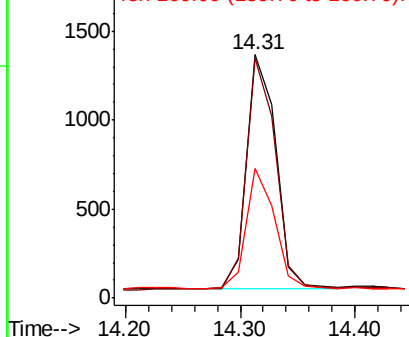


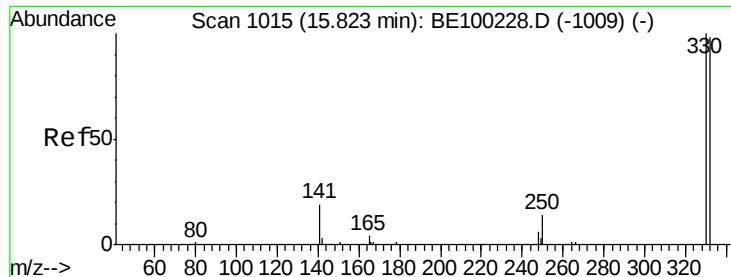
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100268.D
Acq: 1 Jul 2019 16:41

Tgt Ion:164 Resp: 2334
Ion Ratio Lower Upper
164 100
162 98.3 83.4 125.0
160 53.1 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

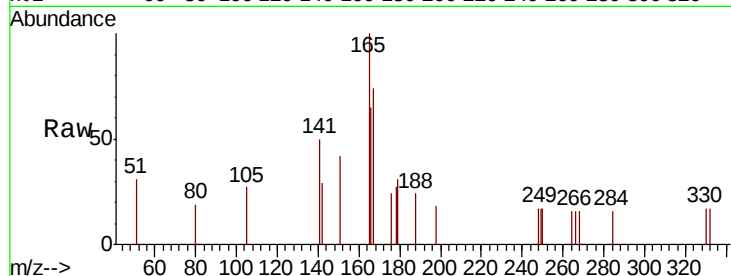




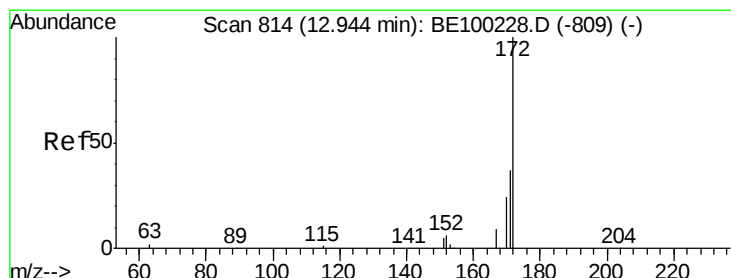
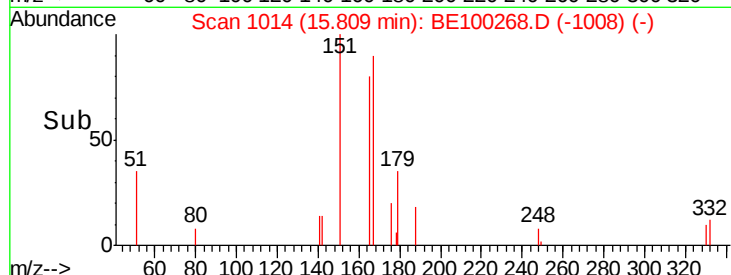
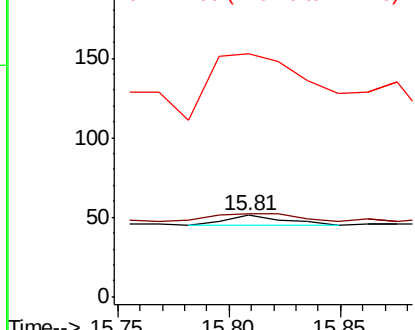
#14
 2,4,6-Tribromophenol
 Concen: 0.006 ng
 RT: 15.81 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BE100268.D
 Acq: 1 Jul 2019 16:41

Instrument :
 BNA_M
 ClientSampleId :
 PST-084-B041-061319DL

Tgt Ion:330 Resp: 10
 Ion Ratio Lower Upper
 330 100
 332 140.0 77.0 115.4#
 141 4070.0 22.0 33.0#

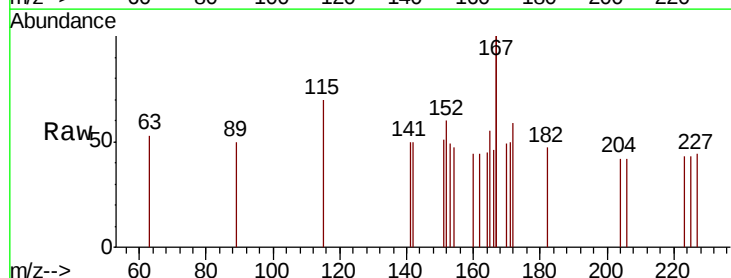


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

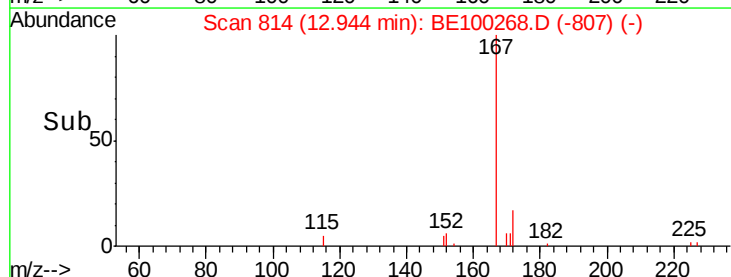
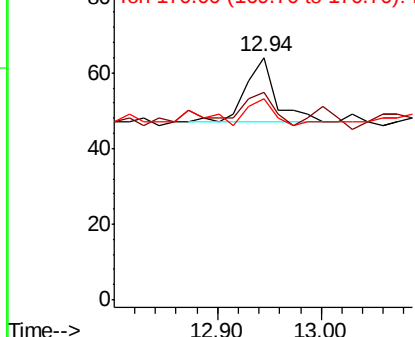


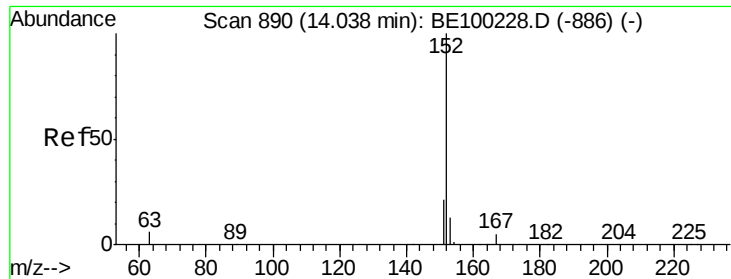
#15
 2-Fluorobiphenyl
 Concen: 0.004 ng
 RT: 12.94 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BE100268.D
 Acq: 1 Jul 2019 16:41

Tgt Ion:172 Resp: 34
 Ion Ratio Lower Upper
 172 100
 171 85.9 31.9 47.9#
 170 82.8 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

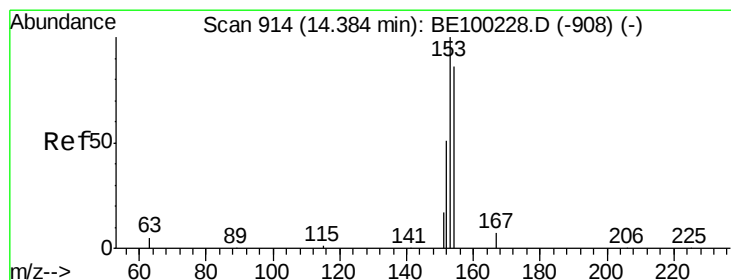
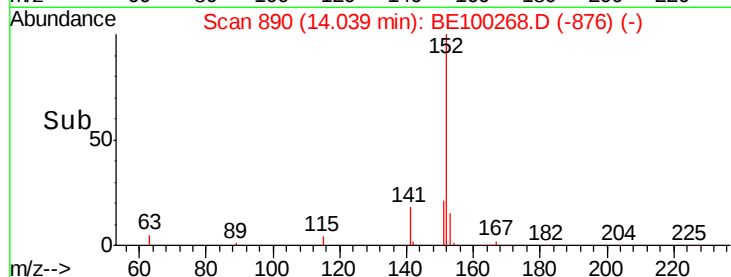
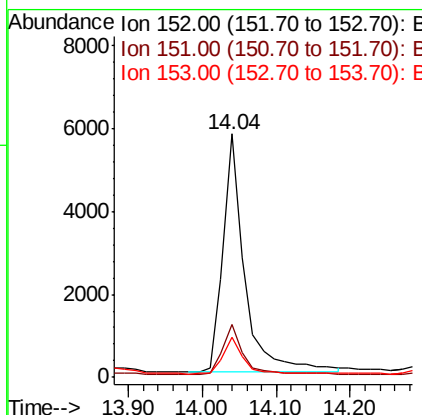
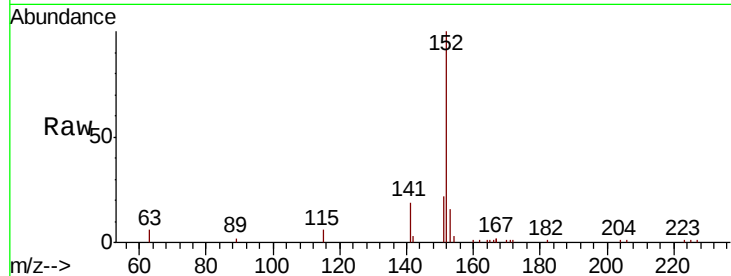




#16
Acenaphthylene
Concen: 1.051 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100268.D
Acq: 1 Jul 2019 16:41

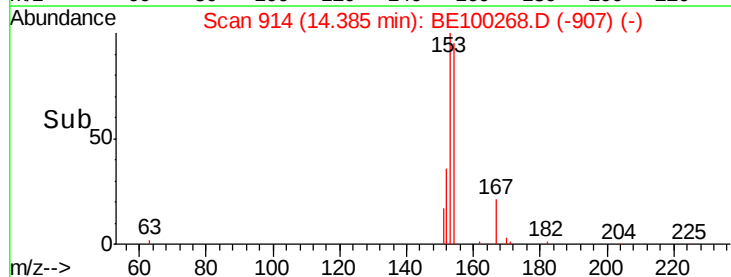
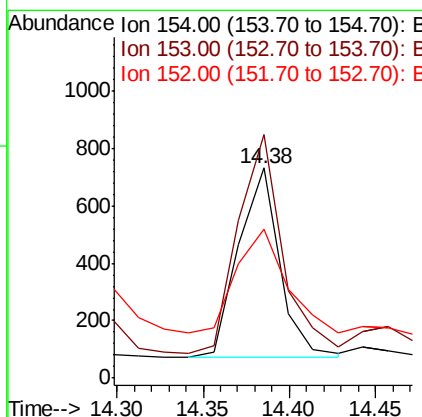
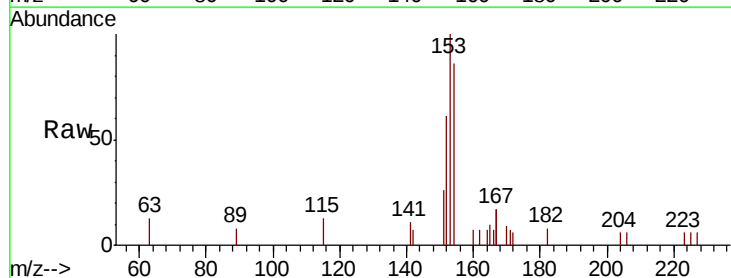
Instrument :
BNA_M
ClientSampleId :
PST-084-B041-061319DL

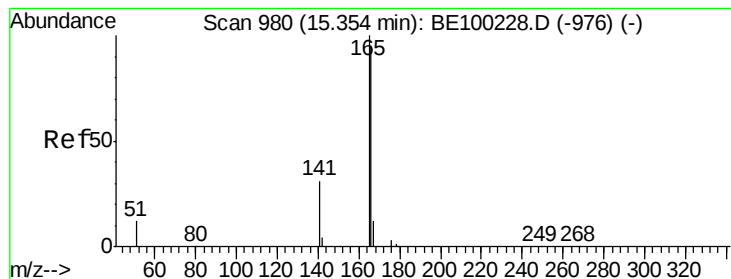
Tgt Ion:152 Resp: 11770
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0
153 14.3 10.5 15.7



#17
Acenaphthene
Concen: 0.173 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100268.D
Acq: 1 Jul 2019 16:41

Tgt Ion:154 Resp: 1100
Ion Ratio Lower Upper
154 100
153 124.4 93.4 140.2
152 72.4 49.4 74.2





#18

Fluorene

Concen: 0.621 ng

RT: 15.35 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE100268.D

Acq: 1 Jul 2019 16:41

Instrument :

BNA_M

ClientSampleId :

PST-084-B041-061319DL

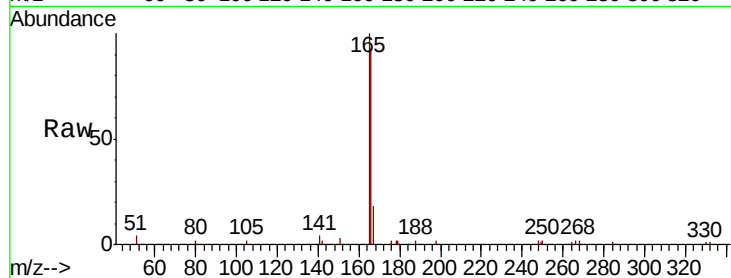
Tgt Ion:166 Resp: 5827

Ion Ratio Lower Upper

166 100

165 112.4 81.1 121.7

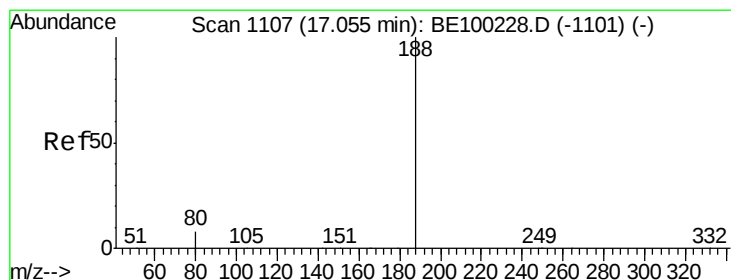
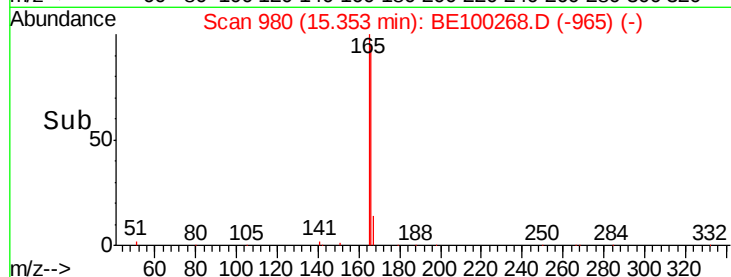
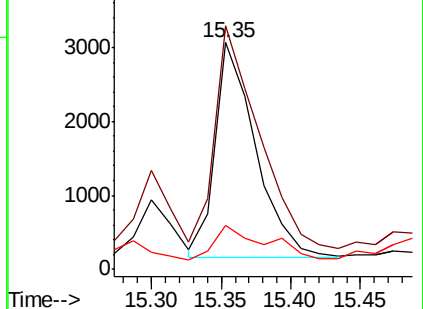
167 20.3 10.7 16.1#



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: 17.05 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE100268.D

Acq: 1 Jul 2019 16:41

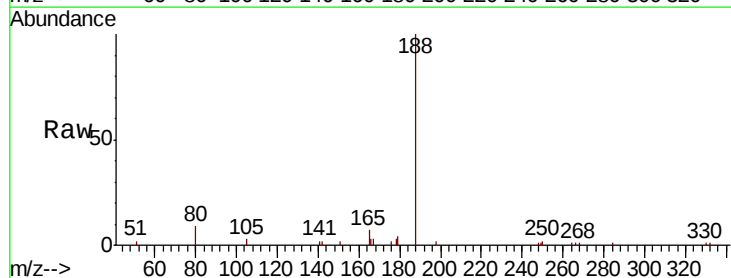
Tgt Ion:188 Resp: 6782

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

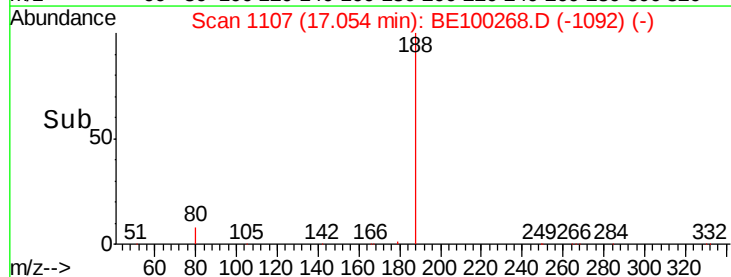
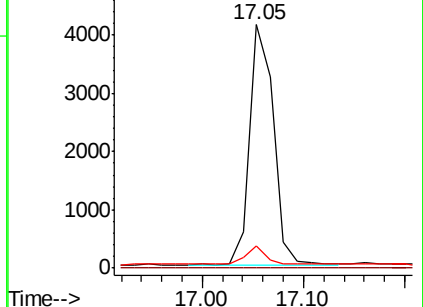
80 9.0 7.6 11.4

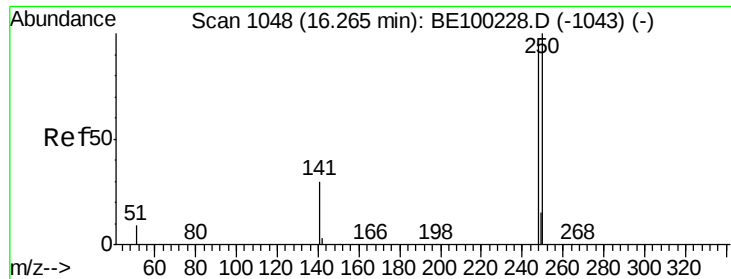


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1

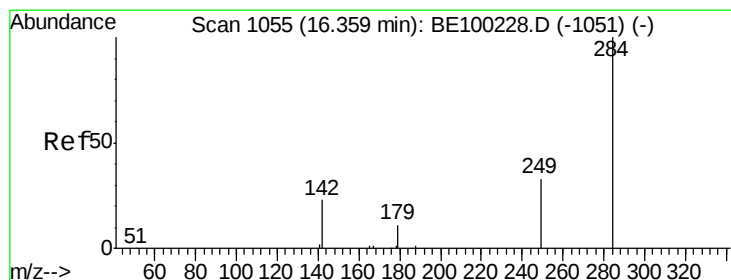
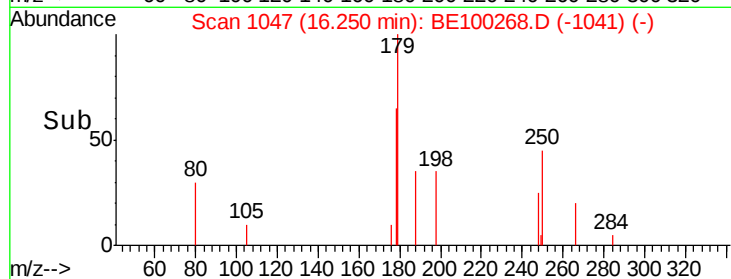
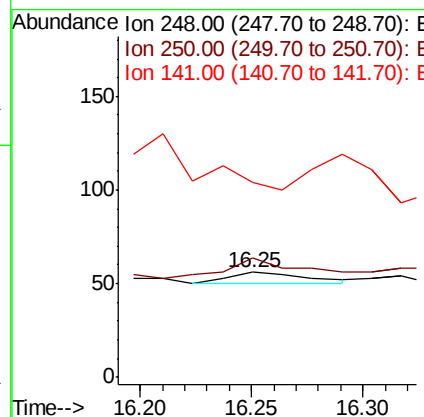
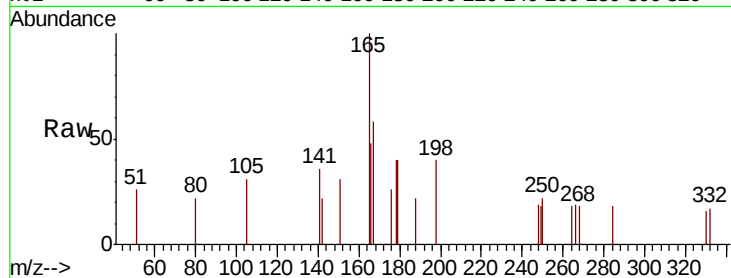




#20
4-Bromophenyl-phenylether
Concen: 0.003 ng
RT: 16.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE100268.D
Acq: 1 Jul 2019 16:41

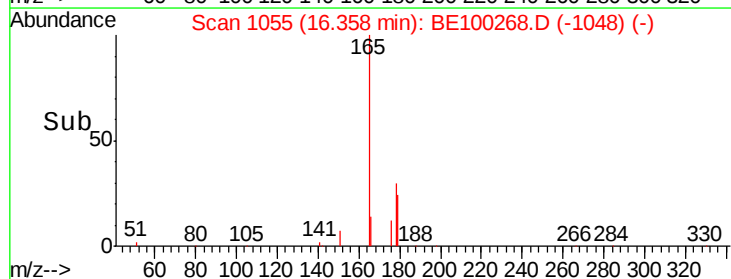
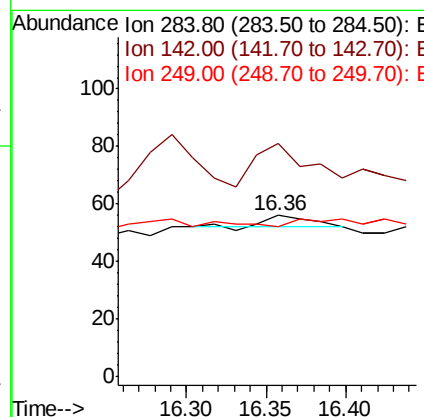
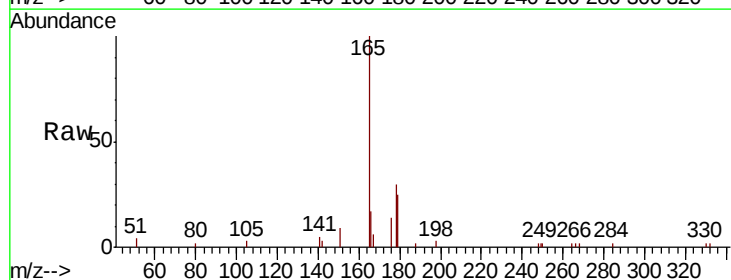
Instrument :
BNA_M
ClientSampleId :
PST-084-B041-061319DL

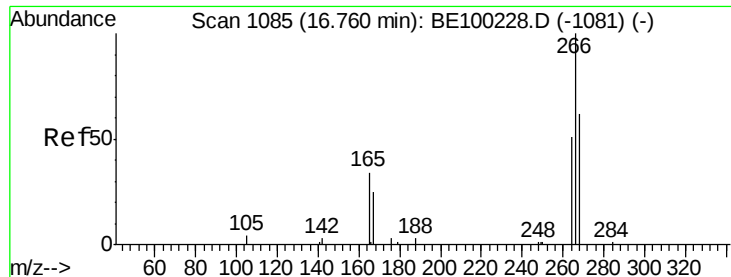
Tgt Ion: 248 Resp: 15
Ion Ratio Lower Upper
248 100
250 114.3 84.2 126.4
141 185.7 29.3 43.9#



#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100268.D
Acq: 1 Jul 2019 16:41

Tgt Ion: 284 Resp: 8
Ion Ratio Lower Upper
284 100
142 437.5 18.8 28.2#
249 50.0 23.7 35.5#





#22

Pentachlorophenol

Concen: 0.010 ng

RT: 16.73 min Scan# 1083

Delta R.T. -0.03 min

Lab File: BE100268.D

Acq: 1 Jul 2019 16:41

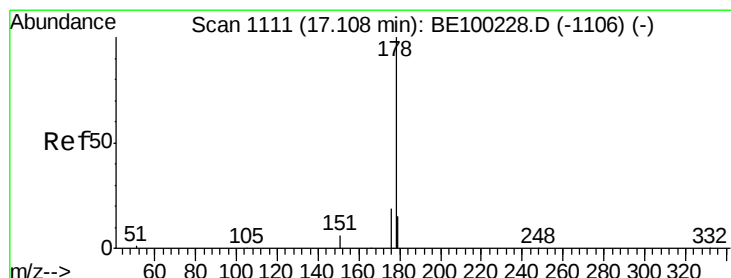
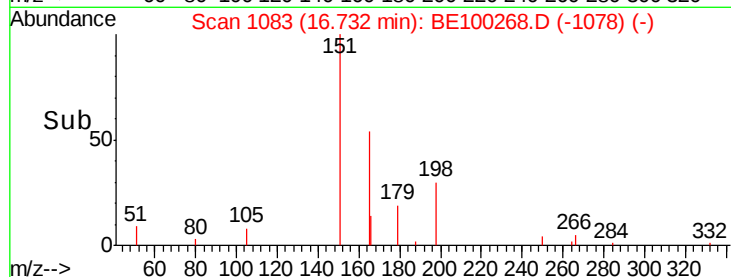
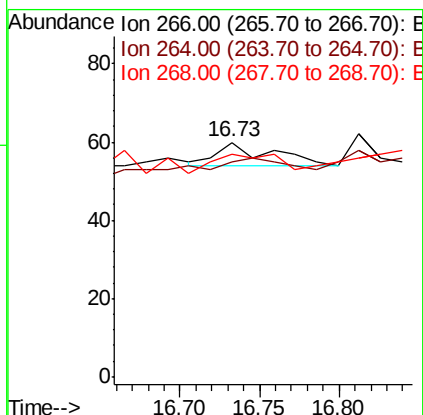
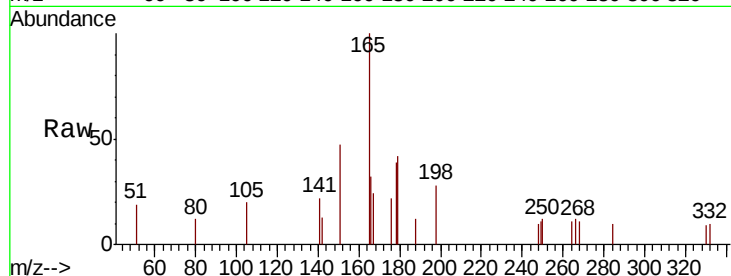
Instrument :

BNA_M

ClientSampleId :

PST-084-B041-061319DL

Tgt Ion:	266	Resp:	14
Ion	Ratio	Lower	Upper
266	100		
264	91.7	56.2	84.2#
268	95.0	61.8	92.6#



#23

Phenanthrene

Concen: 5.378 ng

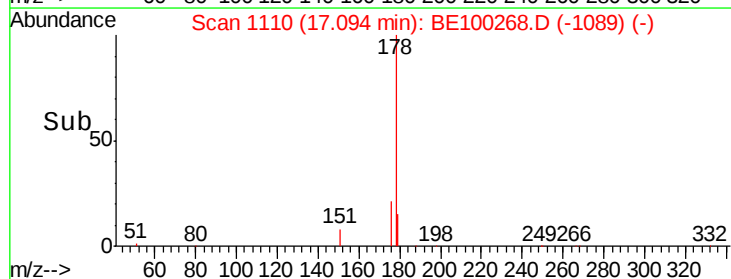
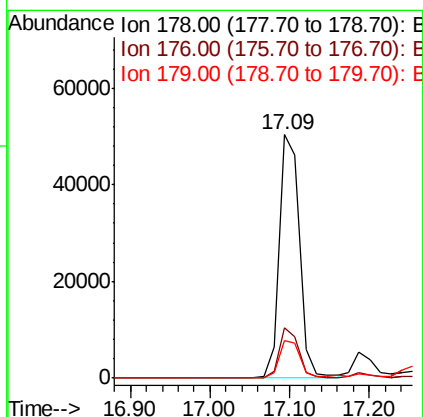
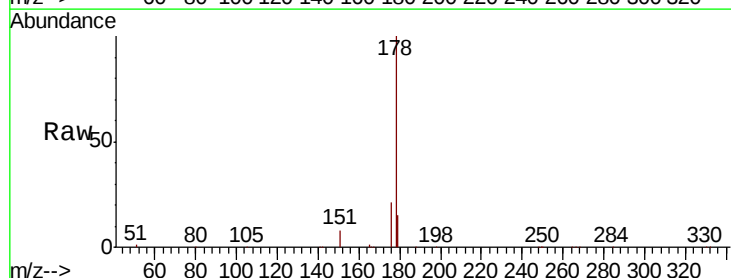
RT: 17.09 min Scan# 1110

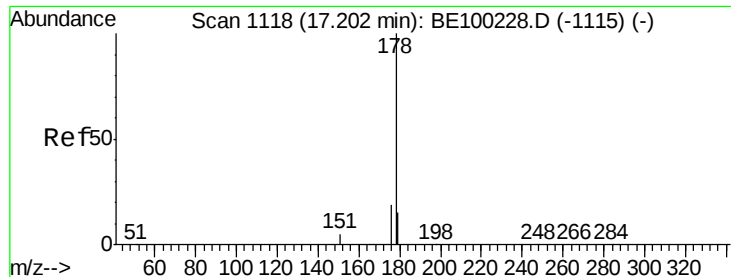
Delta R.T. -0.01 min

Lab File: BE100268.D

Acq: 1 Jul 2019 16:41

Tgt Ion:	178	Resp:	88395
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.7	12.2	18.2





#24

Anthracene

Concen: 0.521 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100268.D

Acq: 1 Jul 2019 16:41

Instrument :

BNA_M

ClientSampleId :

PST-084-B041-061319DL

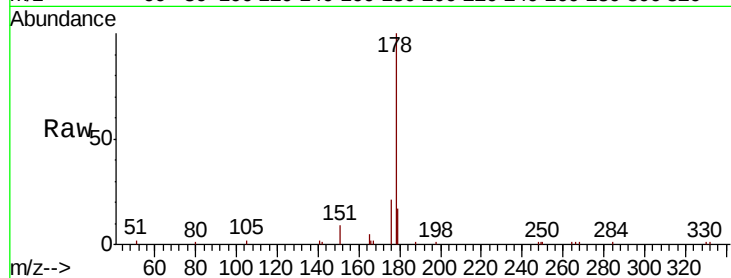
Tgt Ion:178 Resp: 7717

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

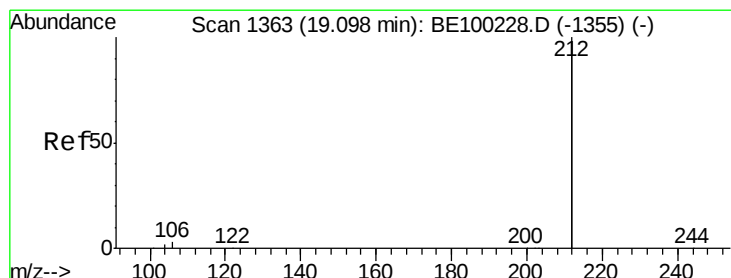
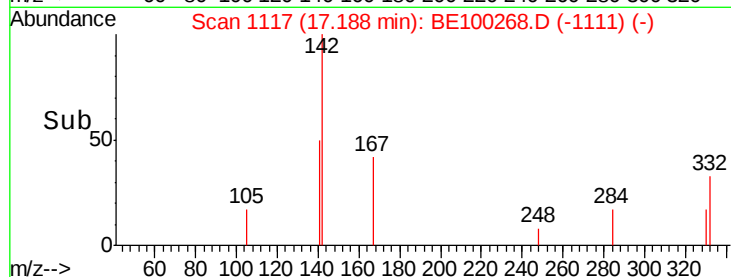
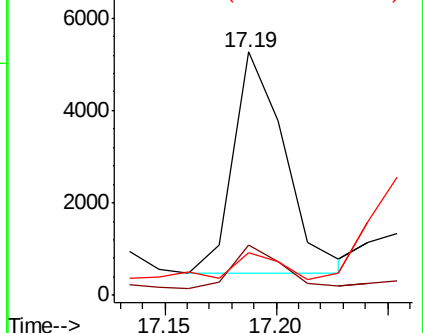
179 12.1 12.2 18.2#



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: 0.005 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100268.D

Acq: 1 Jul 2019 16:41

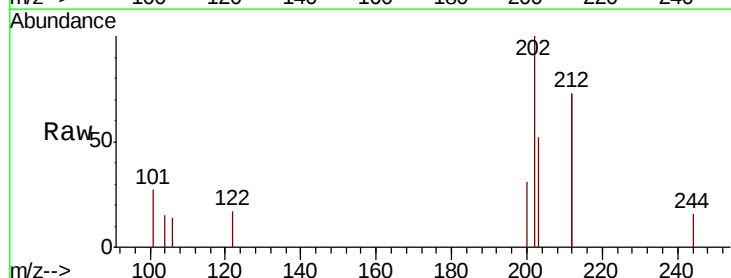
Tgt Ion:212 Resp: 448

Ion Ratio Lower Upper

212 100

106 0.0 1.3 1.9#

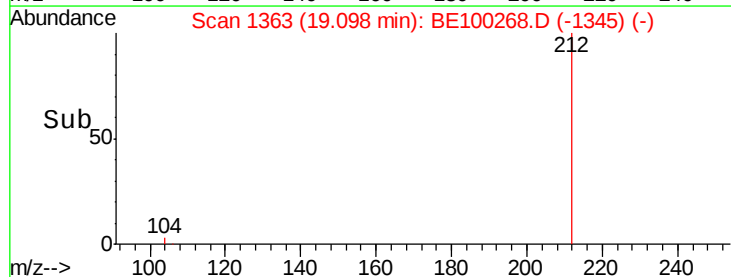
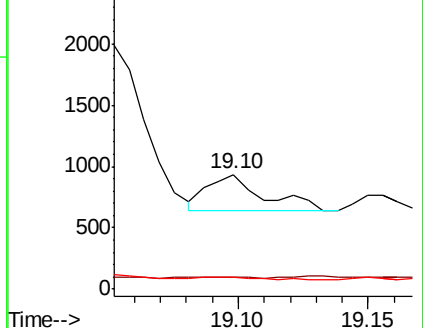
104 7.1 0.8 1.2#

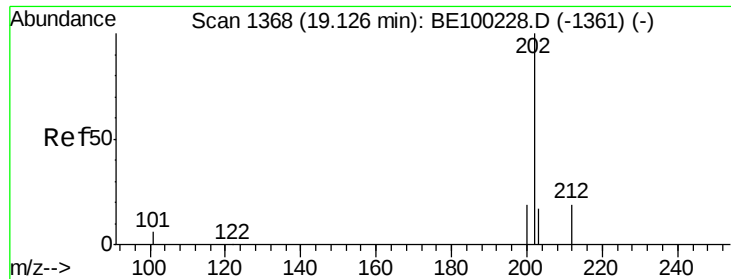


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

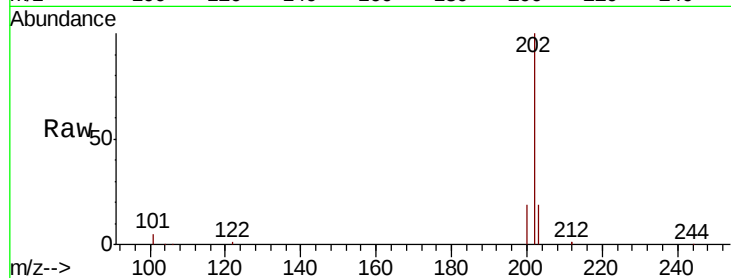




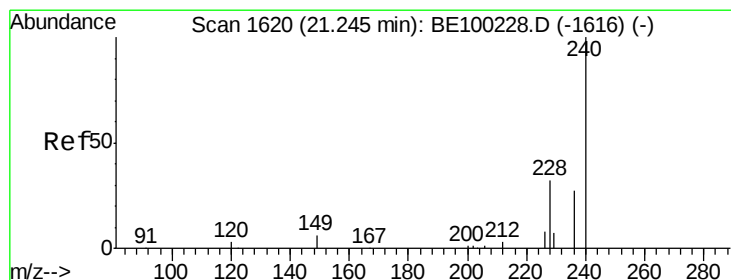
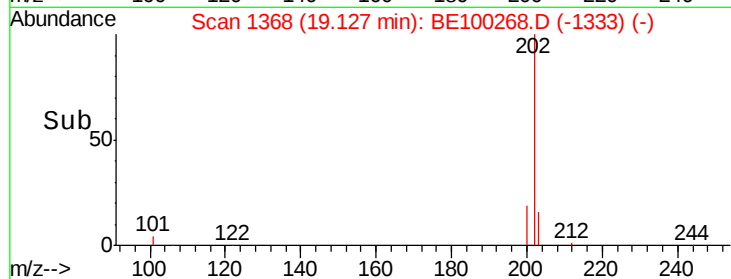
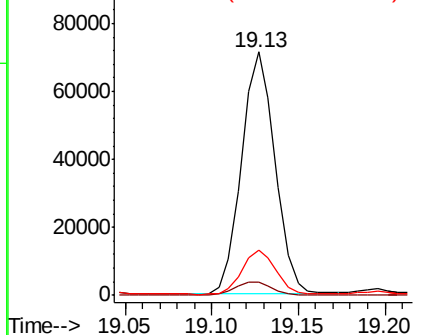
#26
Fluoranthene
Concen: 3.687 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100268.D
Acq: 1 Jul 2019 16:41

Instrument :
BNA_M
ClientSampleId :
PST-084-B041-061319DL

Tgt Ion: 202 Resp: 96531
Ion Ratio Lower Upper
202 100
101 5.6 4.6 7.0
203 18.2 13.7 20.5

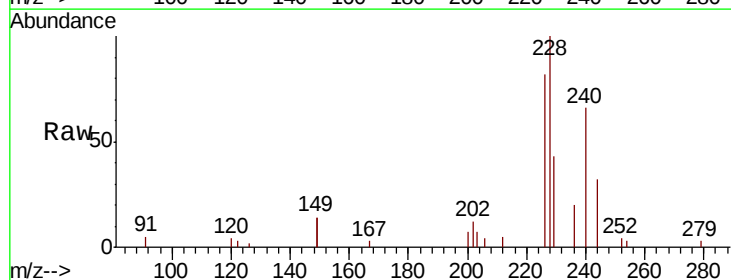


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

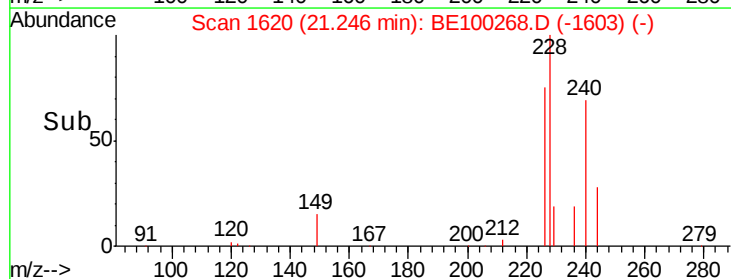
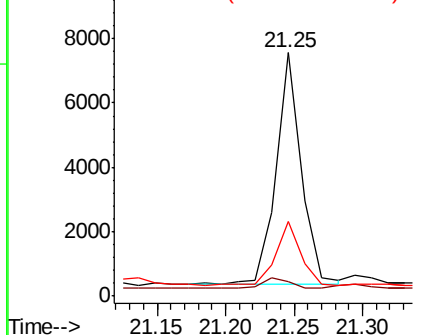


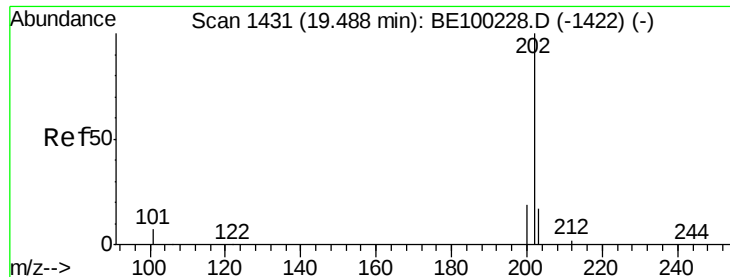
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100268.D
Acq: 1 Jul 2019 16:41

Tgt Ion: 240 Resp: 8999
Ion Ratio Lower Upper
240 100
120 5.8 3.3 4.9#
236 30.9 22.6 34.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

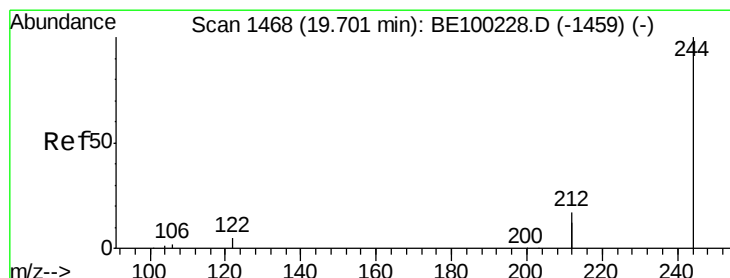
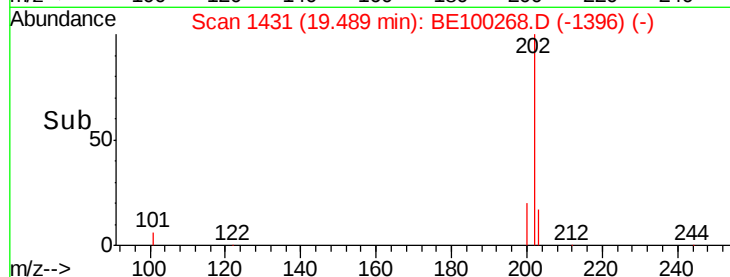
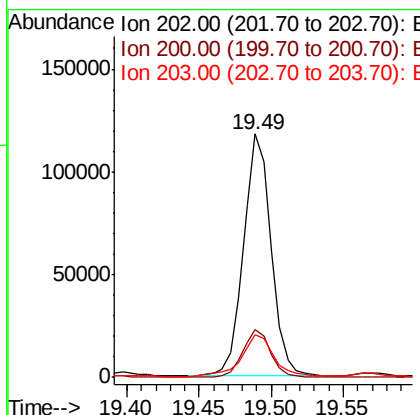
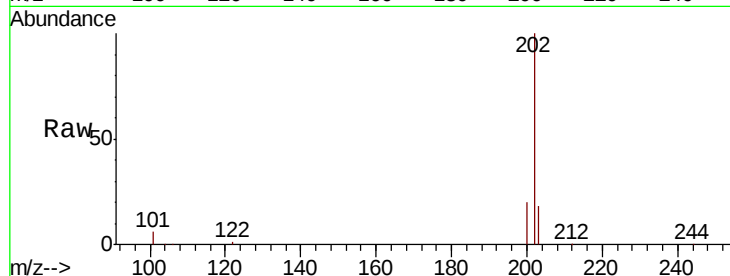




#28
 Pyrene
 Concen: 6.599 ng
 RT: 19.49 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BE100268.D
 Acq: 1 Jul 2019 16:41

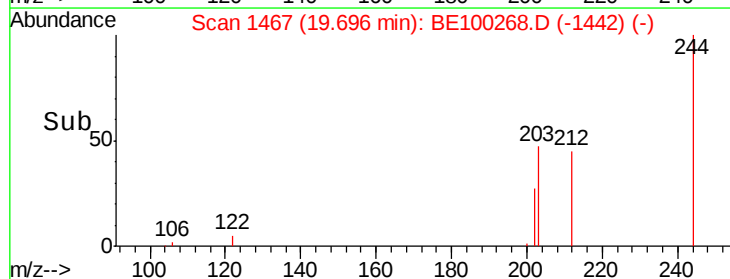
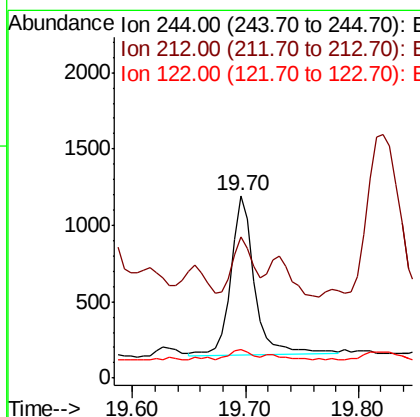
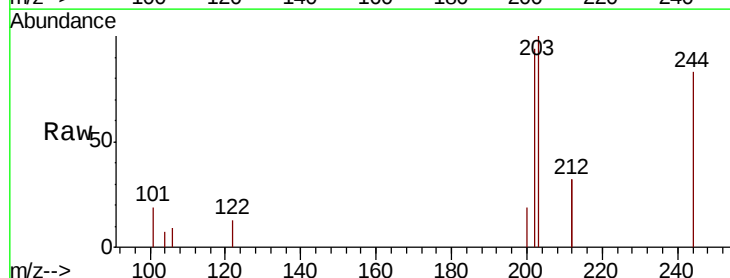
Instrument :
 BNA_M
 ClientSampleId :
 PST-084-B041-061319DL

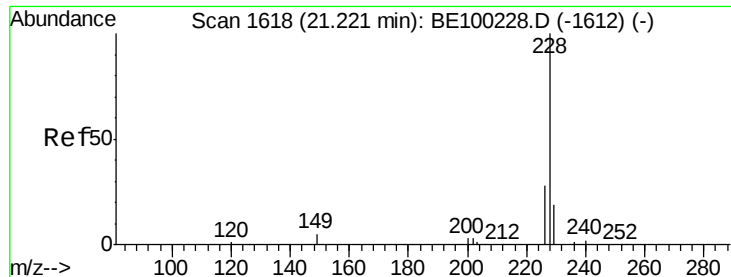
Tgt Ion: 202 Resp: 157228
 Ion Ratio Lower Upper
 202 100
 200 19.6 15.6 23.4
 203 20.4 14.0 21.0



#29
 Terphenyl-d14
 Concen: 0.082 ng
 RT: 19.70 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BE100268.D
 Acq: 1 Jul 2019 16:41

Tgt Ion: 244 Resp: 1535
 Ion Ratio Lower Upper
 244 100
 212 77.7 27.3 40.9#
 122 15.3 4.7 7.1#





#30

Benzo(a)anthracene

Concen: 3.218 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.06 min

Lab File: BE100268.D

Acq: 1 Jul 2019 16:41

Instrument :

BNA_M

ClientSampleId :

PST-084-B041-061319DL

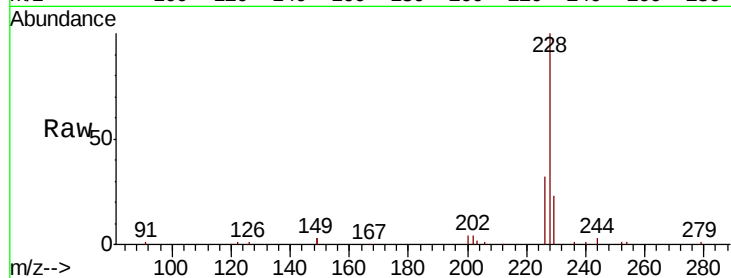
Tgt Ion:228 Resp: 95222

Ion Ratio Lower Upper

228 100

226 31.7 23.2 34.8

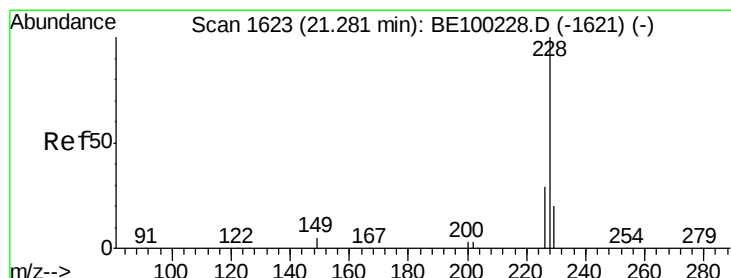
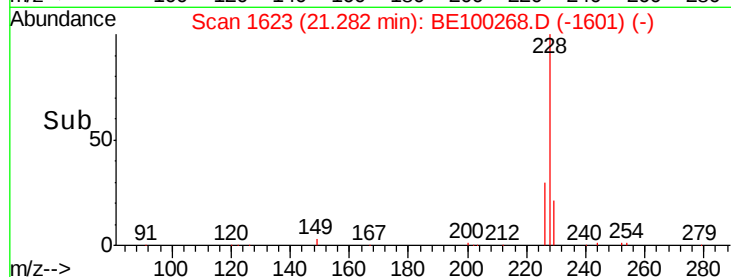
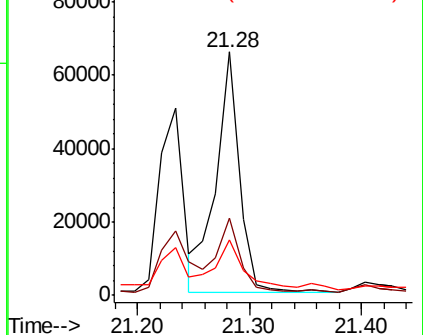
229 23.0 15.7 23.5



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: 3.187 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100268.D

Acq: 1 Jul 2019 16:41

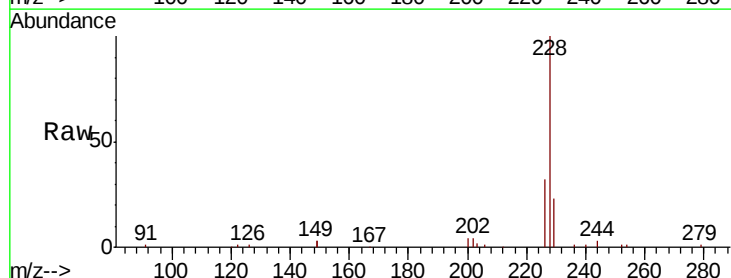
Tgt Ion:228 Resp: 94695

Ion Ratio Lower Upper

228 100

226 31.7 23.9 35.9

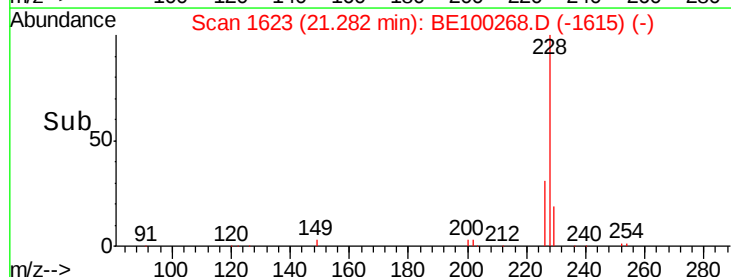
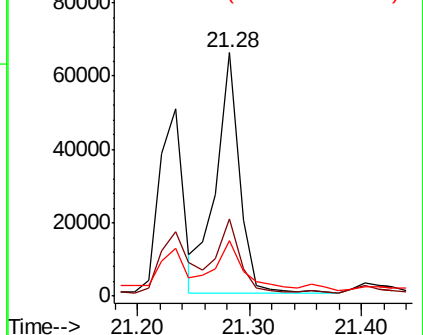
229 23.0 16.5 24.7

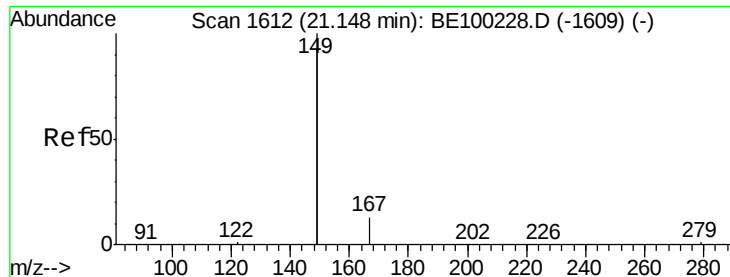


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

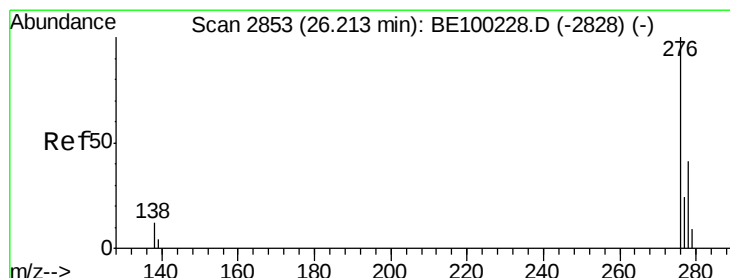
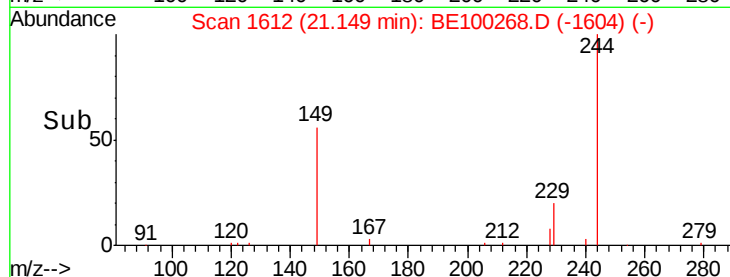
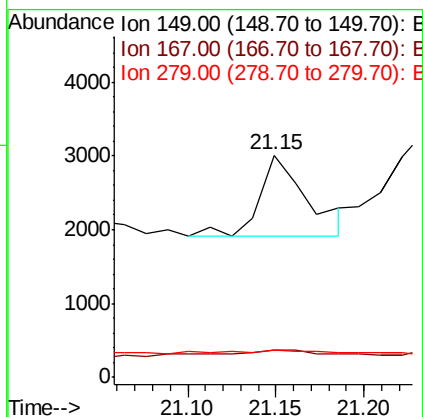
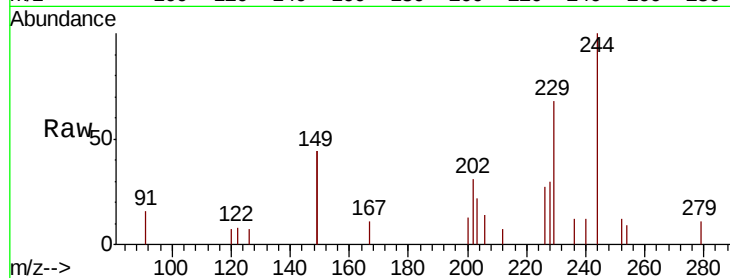




#32
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.15 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BE100268.D
 Acq: 1 Jul 2019 16:41

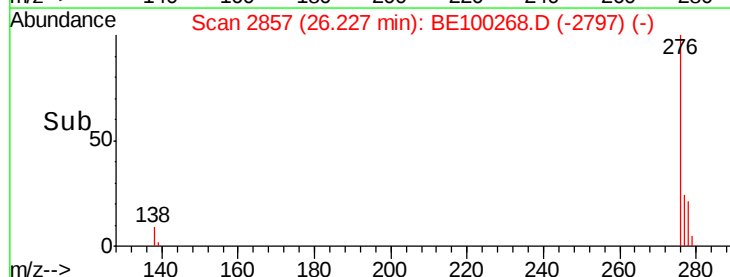
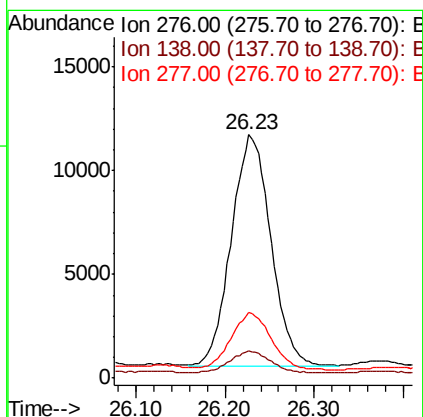
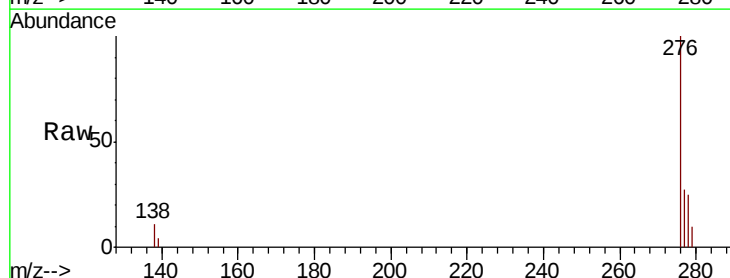
Instrument :
 BNA_M
 ClientSampleId :
 PST-084-B041-061319DL

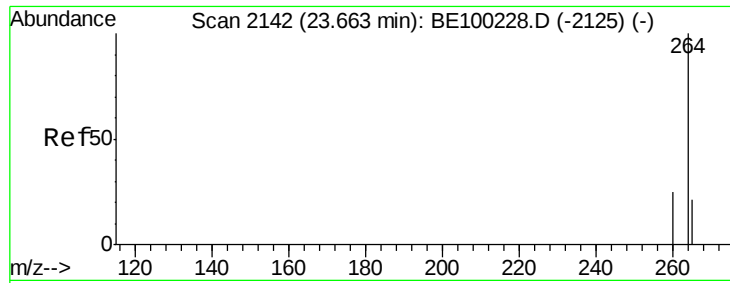
Tgt Ion:149 Resp: 2068
 Ion Ratio Lower Upper
 149 100
 167 9.0 5.8 8.8#
 279 14.4 1.1 1.7#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.877 ng
 RT: 26.23 min Scan# 2857
 Delta R.T. 0.01 min
 Lab File: BE100268.D
 Acq: 1 Jul 2019 16:41

Tgt Ion:276 Resp: 34457
 Ion Ratio Lower Upper
 276 100
 138 9.7 9.4 14.0
 277 24.4 19.2 28.8

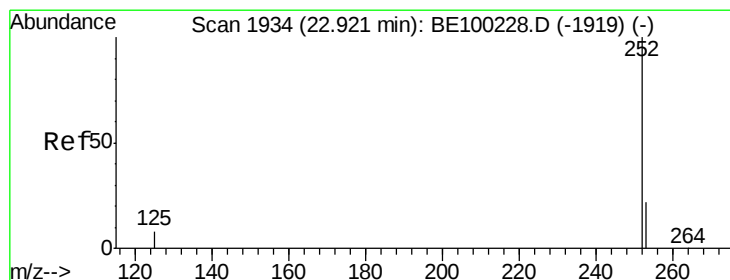
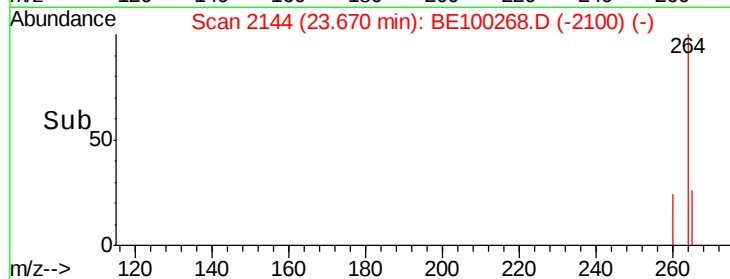
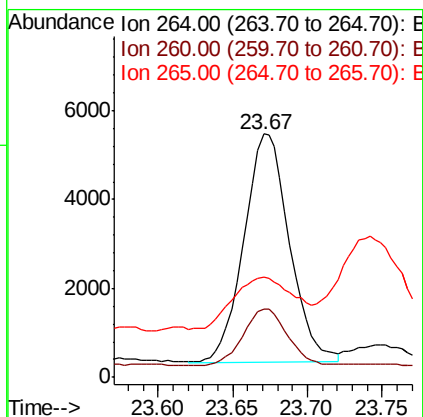
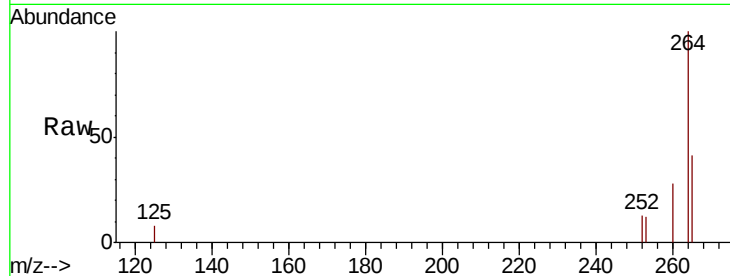




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.67 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: BE100268.D
 Acq: 1 Jul 2019 16:41

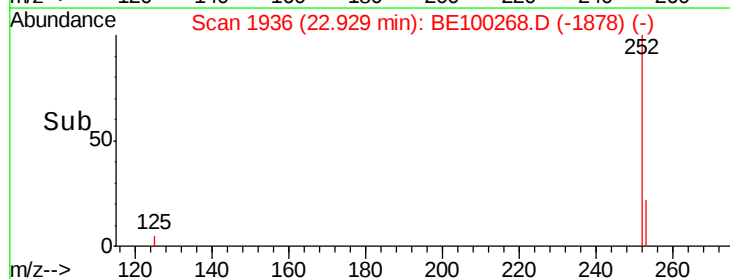
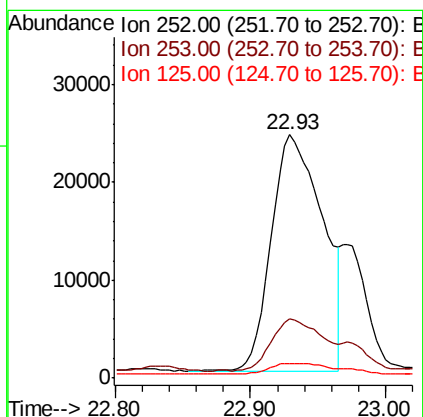
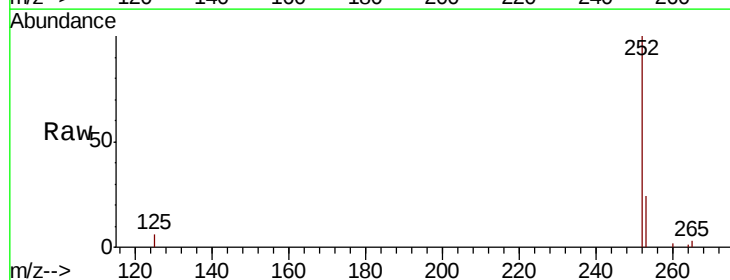
Instrument :
 BNA_M
 ClientSampleId :
 PST-084-B041-061319DL

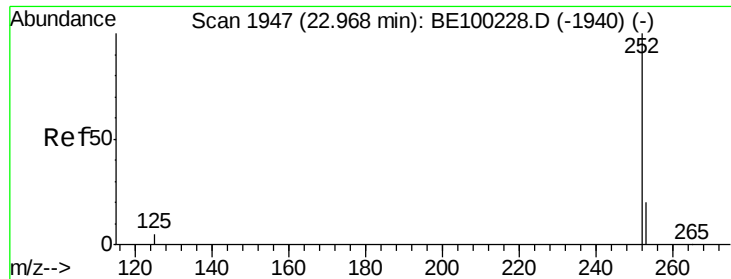
Tgt Ion: 264 Resp: 10836
 Ion Ratio Lower Upper
 264 100
 260 27.9 20.8 31.2
 265 41.2 21.8 32.6#



#35
 Benzo(b)fluoranthene
 Concen: 2.167 ng
 RT: 22.93 min Scan# 1936
 Delta R.T. 0.01 min
 Lab File: BE100268.D
 Acq: 1 Jul 2019 16:41

Tgt Ion: 252 Resp: 63674
 Ion Ratio Lower Upper
 252 100
 253 24.3 19.2 28.8
 125 6.1 7.4 11.0#

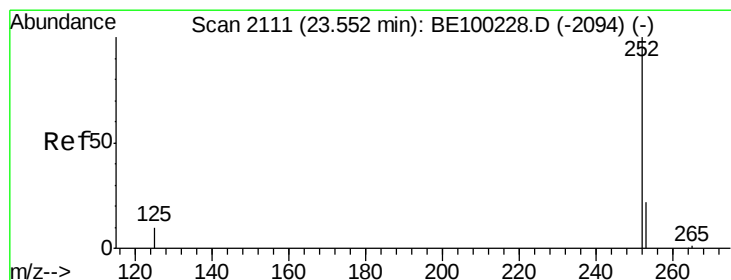
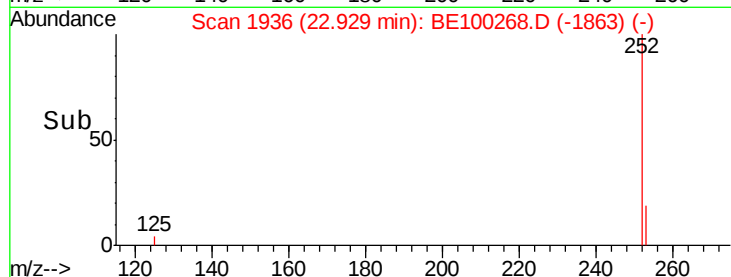
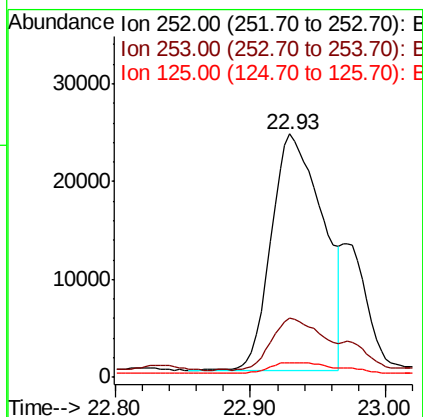
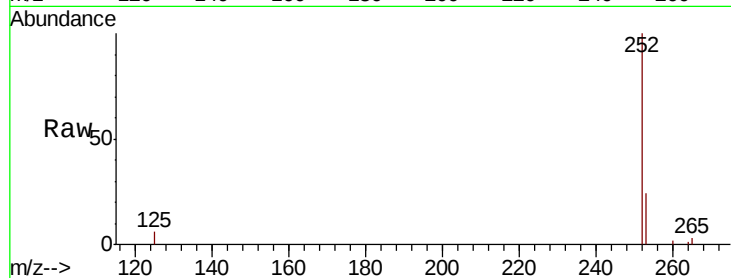




#36
Benzo(k)fluoranthene
Concen: 1.942 ng
RT: 22.93 min Scan# 1936
Delta R.T. -0.04 min
Lab File: BE100268.D
Acq: 1 Jul 2019 16:41

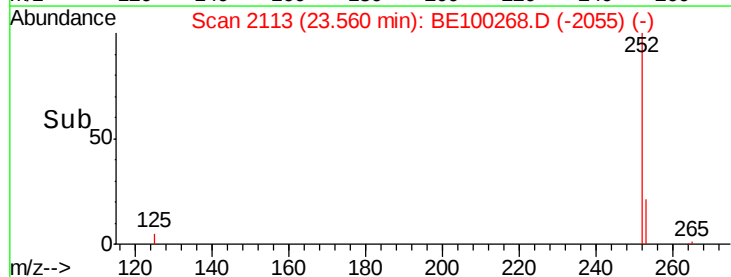
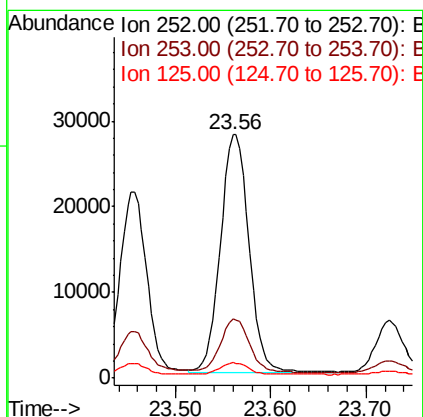
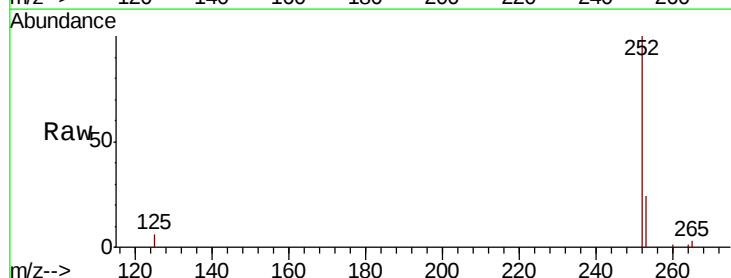
Instrument :
BNA_M
ClientSampleId :
PST-084-B041-061319DL

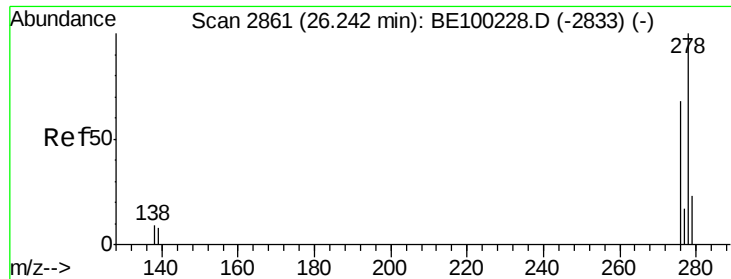
Tgt Ion:252 Resp: 63674
Ion Ratio Lower Upper
252 100
253 24.3 17.9 26.9
125 6.1 5.0 7.4



#37
Benzo(a)pyrene
Concen: 1.943 ng
RT: 23.56 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BE100268.D
Acq: 1 Jul 2019 16:41

Tgt Ion:252 Resp: 57211
Ion Ratio Lower Upper
252 100
253 24.2 19.6 29.4
125 6.3 9.0 13.6#





#38

Dibenzo(a,h)anthracene

Concen: 0.356 ng

RT: 26.24 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BE100268.D

Acq: 1 Jul 2019 16:41

Instrument :

BNA_M

ClientSampleId :

PST-084-B041-061319DL

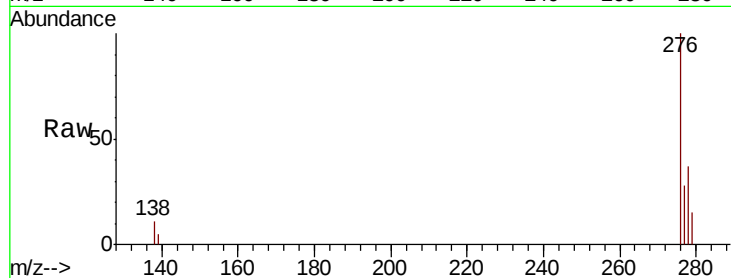
Tgt Ion:278 Resp: 10932

Ion Ratio Lower Upper

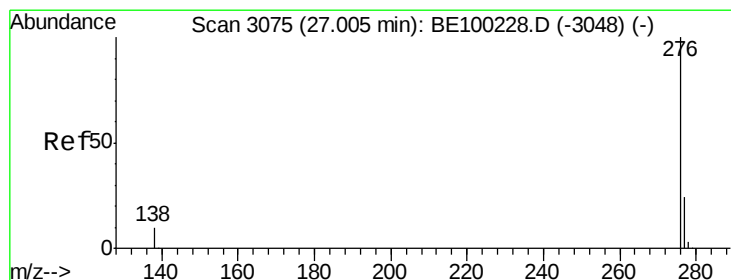
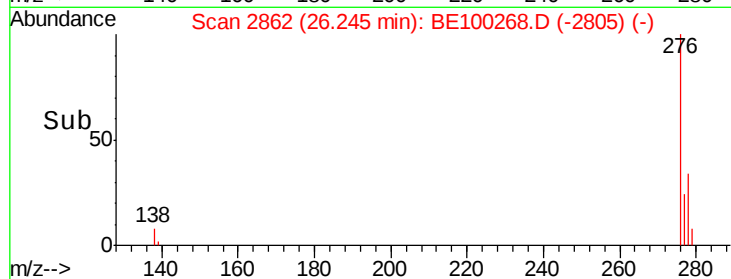
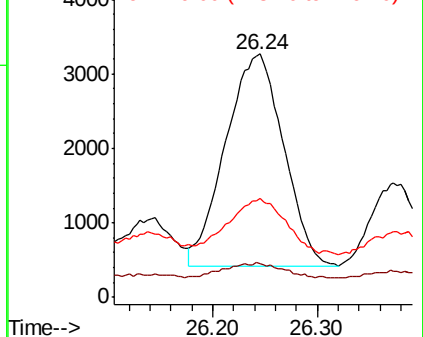
278 100

139 13.6 8.2 12.2#

279 40.7 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: 1.332 ng

RT: 27.02 min Scan# 3080

Delta R.T. 0.02 min

Lab File: BE100268.D

Acq: 1 Jul 2019 16:41

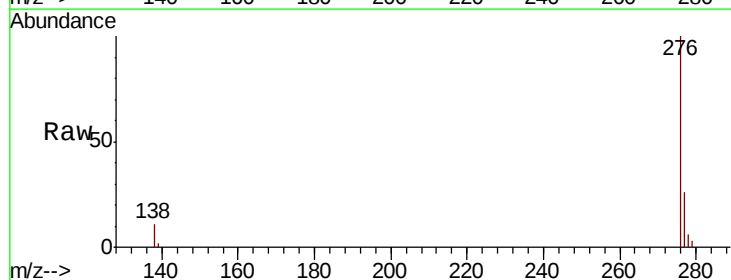
Tgt Ion:276 Resp: 42068

Ion Ratio Lower Upper

276 100

277 26.0 20.2 30.2

138 11.2 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

