

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
 Data File : BE100280.D
 Acq On : 2 Jul 2019 1:08
 Operator : JU/SJ
 Sample : K3445-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXT-008-SW110-061719

Quant Time: Jul 02 02:23:50 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	7.63	152	957	0.40	ng	-0.01
7) Naphthalene-d8	10.43	136	3385	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2642	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	7288	0.40	ng	0.00
27) Chrysene-d12	21.24	240	9545	0.40	ng	0.00
34) Perylene-d12	23.67	264	12050	0.40	ng	0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.21	112	459	0.19	ng	0.00
5) Phenol-d6	6.83	99	696	0.22	ng	-0.01
8) Nitrobenzene-d5	8.81	82	648	0.19	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	2193	0.34	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	401	0.22	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	2041	0.20	ng	-0.01
25) Fluoranthene-d10	19.10	212	33288	0.31	ng	0.00
29) Terphenyl-d14	19.70	244	5212	0.26	ng	0.00

Target Compounds

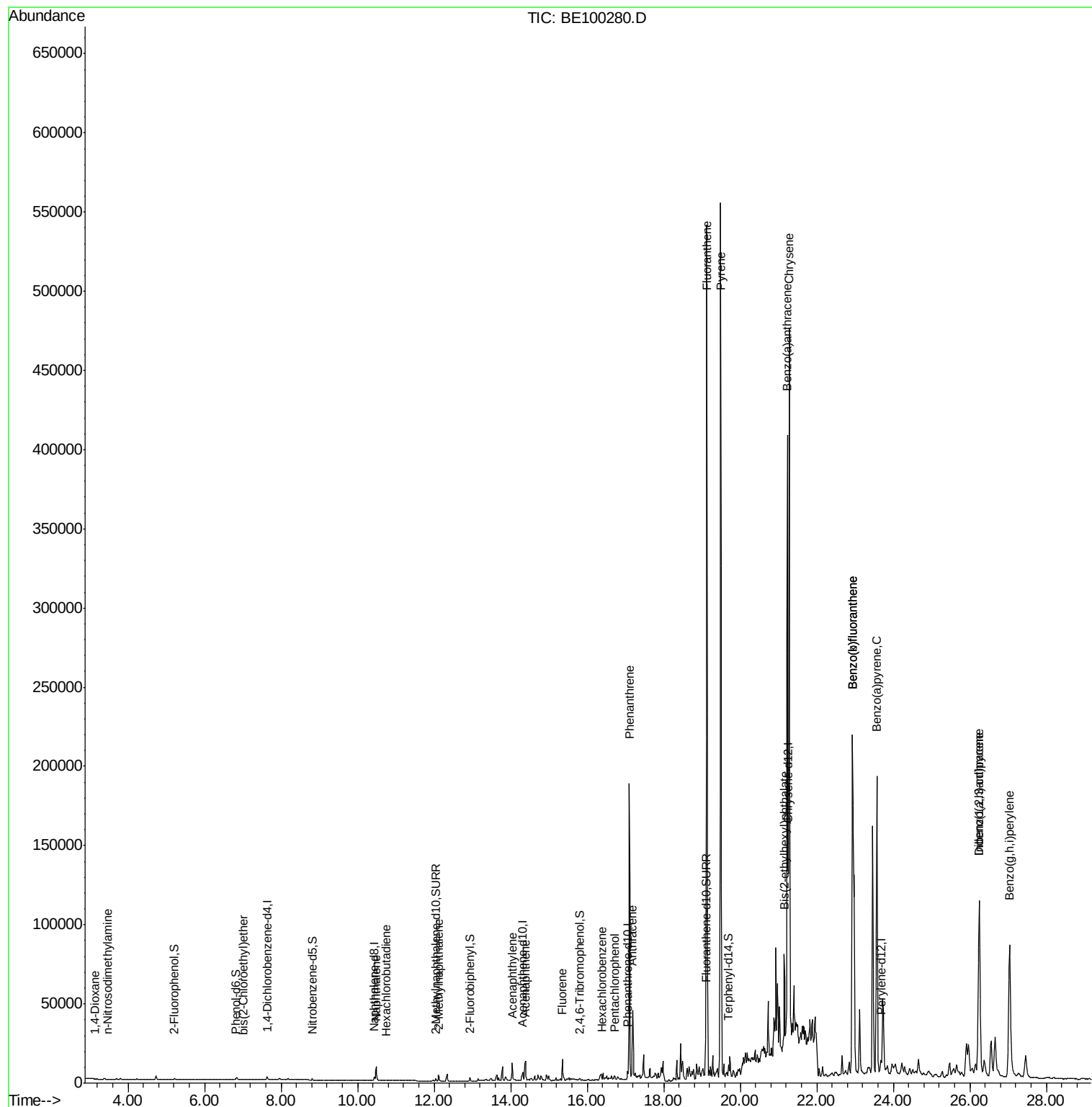
						Qvalue
2) 1,4-Dioxane	3.12	88	9	0.006	ng	# 32
3) n-Nitrosodimethylamine	3.48	42	17	0.025	ng	# 10
6) bis(2-Chloroethyl)ether	7.00	93	59	0.022	ng	# 62
9) Naphthalene	10.48	128	15320	0.410	ng	99
10) Hexachlorobutadiene	10.74	225	4	0.001	ng	# 2
12) 2-Methylnaphthalene	12.11	142	3004	0.459	ng	98
16) Acenaphthylene	14.04	152	15300	1.207	ng	98
17) Acenaphthene	14.38	154	7025	0.978	ng	99
18) Fluorene	15.35	166	10197	0.960	ng	# 92
21) Hexachlorobenzene	16.37	284	14	0.003	ng	# 28
22) Pentachlorophenol	16.72	266	55	0.038	ng	# 82
23) Phenanthrene	17.10	178	202813	11.482	ng	100
24) Anthracene	17.19	178	44010	2.767	ng	96
26) Fluoranthene	19.13	202	491406	17.466	ng	98
28) Pyrene	19.49	202	532002	21.052	ng	# 95
30) Benzo(a)anthracene	21.23	228	384056	12.237	ng	98
31) Chrysene	21.28	228	365974	11.613	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	72056	1.567	ng	99
33) Indeno(1,2,3-cd)pyrene	26.24	276	219374	5.263	ng	# 97
35) Benzo(b)fluoranthene	22.93	252	418316	12.804	ng	# 95
36) Benzo(k)fluoranthene	22.93	252	418316	11.471	ng	# 98
37) Benzo(a)pyrene	23.57	252	294282	8.988	ng	# 93
38) Dibenzo(a,h)anthracene	26.25	278	58723	1.717	ng	95
39) Benzo(g,h,i)perylene	27.04	276	235639	6.708	ng	98

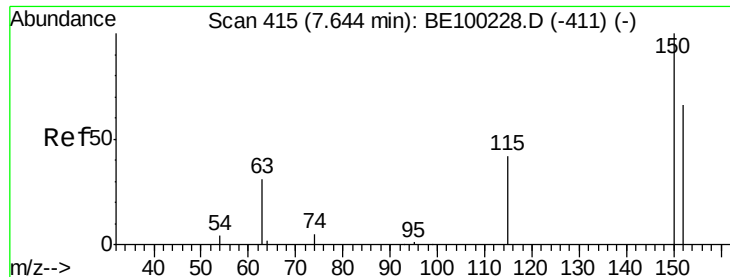
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.63 min Scan# 414

Delta R.T. -0.01 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

Instrument :

BNA_M

ClientSampleId :

EXT-008-SW110-061719

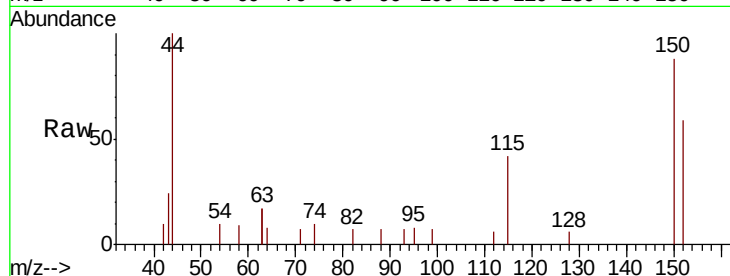
Tgt Ion:152 Resp: 957

Ion Ratio Lower Upper

152 100

150 149.0 114.5 171.7

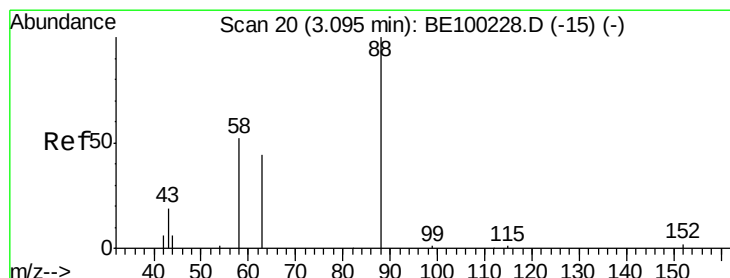
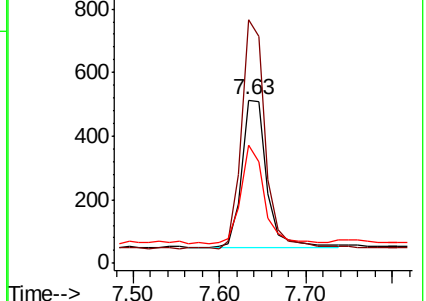
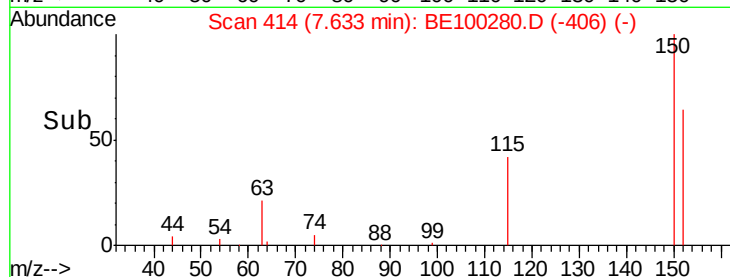
115 72.0 57.1 85.7



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: 0.006 ng

RT: 3.12 min Scan# 22

Delta R.T. 0.02 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

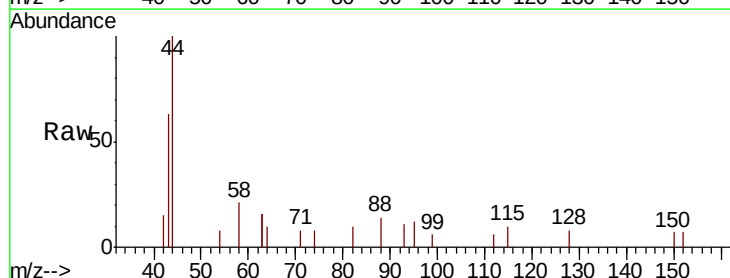
Tgt Ion: 88 Resp: 9

Ion Ratio Lower Upper

88 100

58 0.0 43.6 65.4#

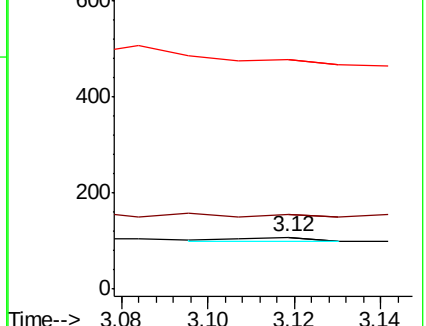
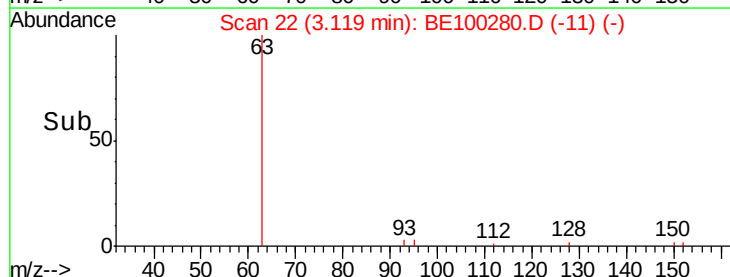
43 0.0 21.4 32.0#

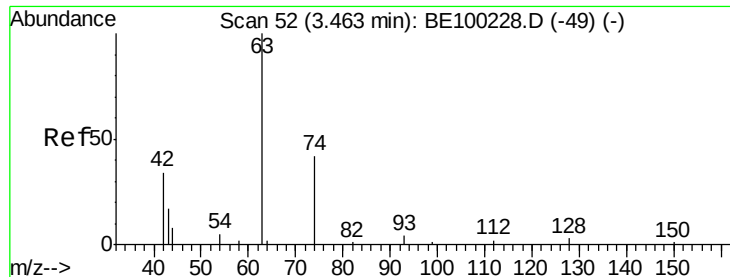


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.025 ng

RT: 3.48 min Scan# 53

Delta R.T. 0.01 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

Instrument :

BNA_M

ClientSampleId :

EXT-008-SW110-061719

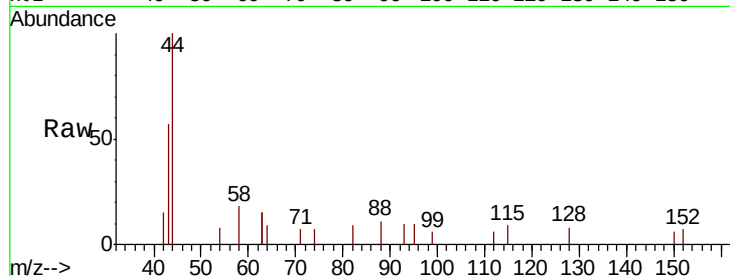
Tgt Ion: 42 Resp: 17

Ion Ratio Lower Upper

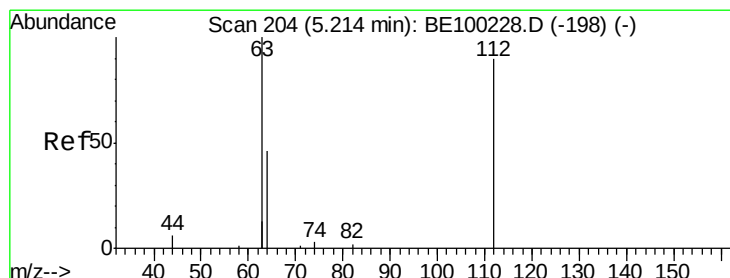
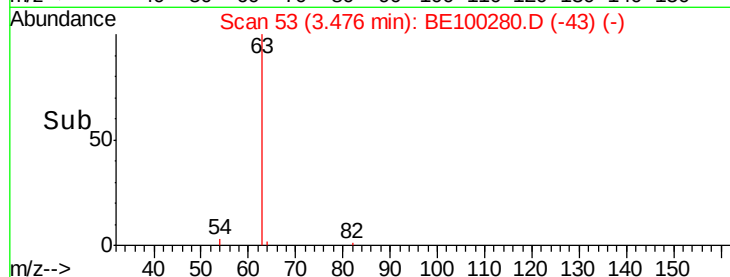
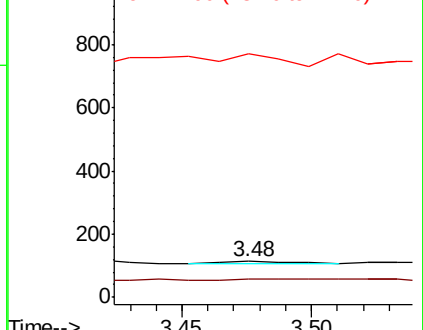
42 100

74 35.3 130.6 196.0#

44 0.0 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: 0.188 ng

RT: 5.21 min Scan# 204

Delta R.T. 0.00 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

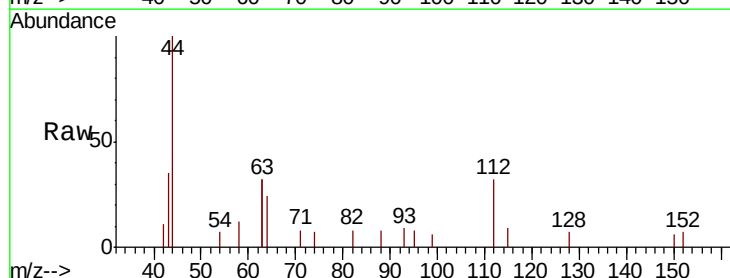
Tgt Ion: 112 Resp: 459

Ion Ratio Lower Upper

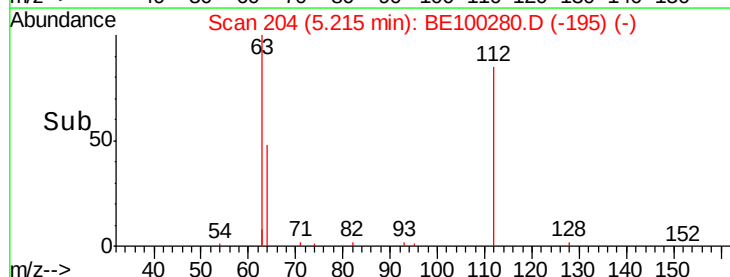
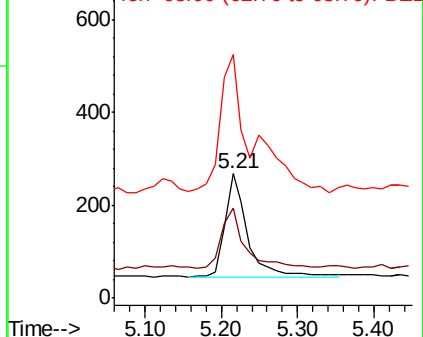
112 100

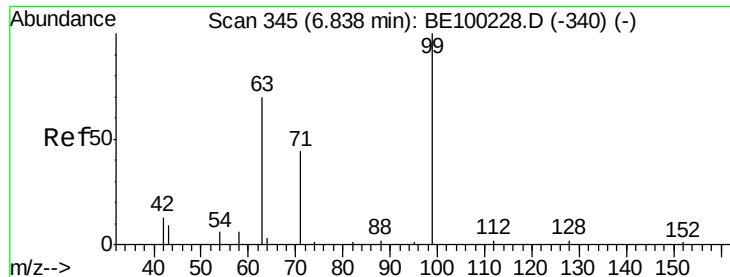
64 64.1 39.4 59.0#

63 123.1 104.5 156.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.217 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

Instrument :

BNA_M

ClientSampleId :

EXT-008-SW110-061719

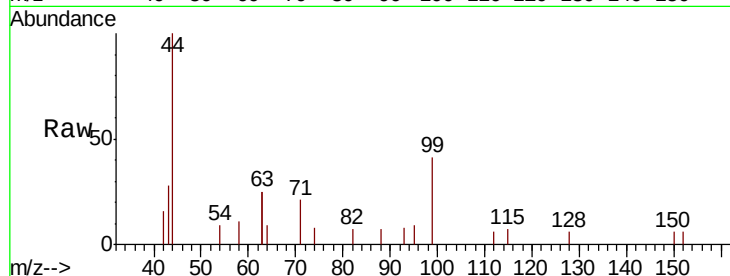
Tgt Ion: 99 Resp: 696

Ion Ratio Lower Upper

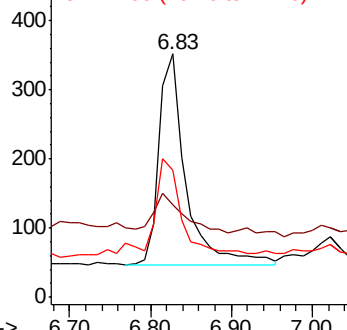
99 100

42 20.3 11.2 16.8#

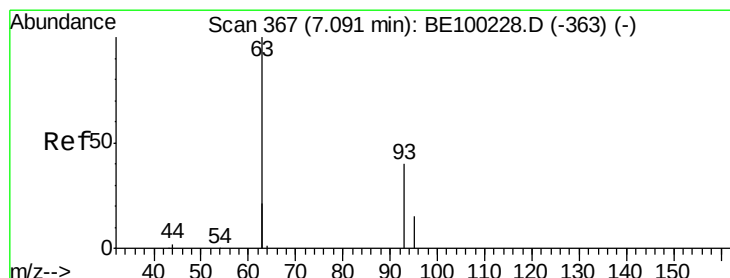
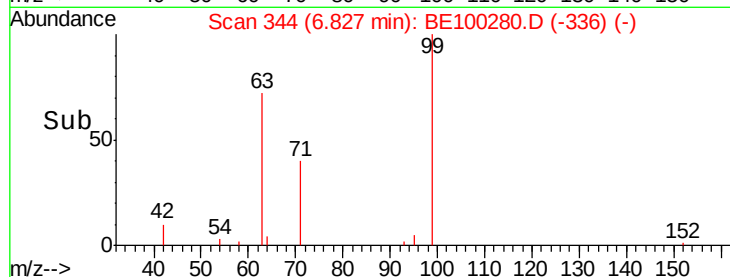
71 43.8 37.2 55.8



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

bis(2-Chloroethyl)ether

Concen: 0.022 ng

RT: 7.00 min Scan# 359

Delta R.T. -0.09 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

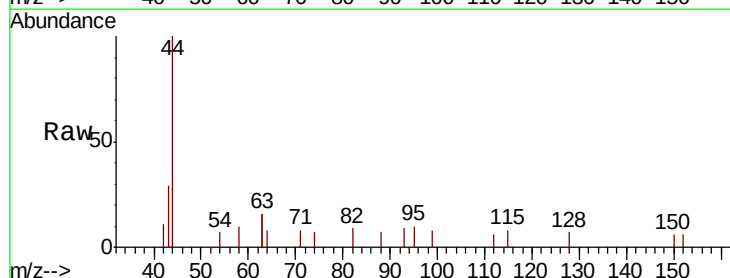
Tgt Ion: 93 Resp: 59

Ion Ratio Lower Upper

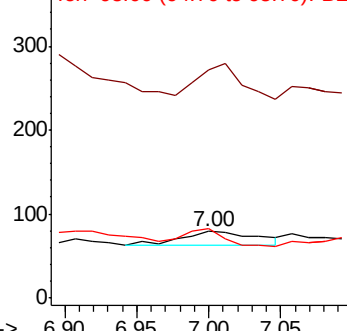
93 100

63 149.2 155.6 233.4#

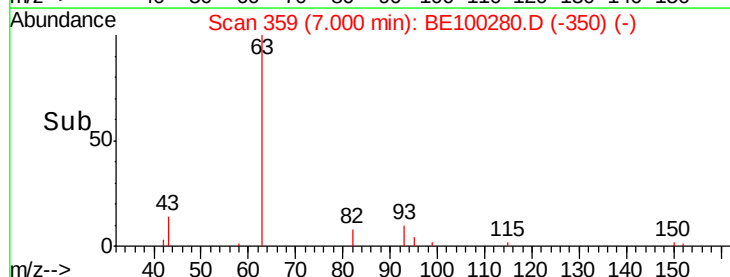
95 74.6 23.0 34.4#

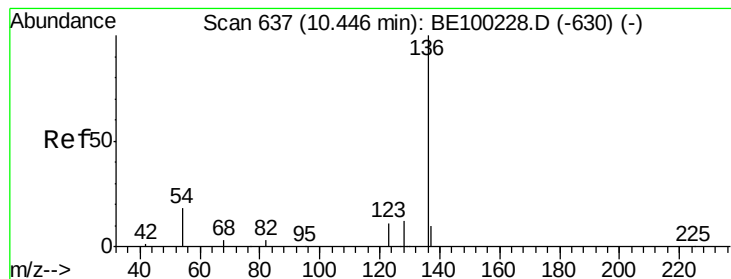


Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

Instrument :

BNA_M

ClientSampleId :

EXT-008-SW110-061719

Tgt Ion: 136 Resp: 3385

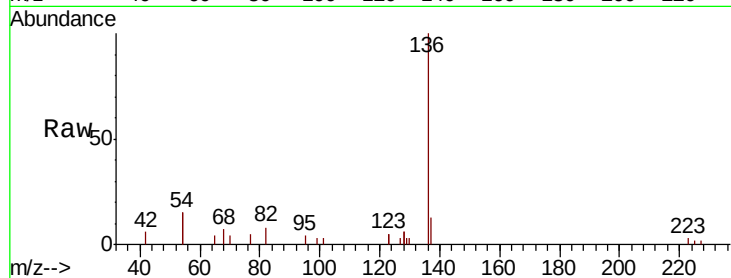
Ion Ratio Lower Upper

136 100

137 12.9 11.8 17.8

54 29.9 27.7 41.5

68 7.2 6.8 10.2

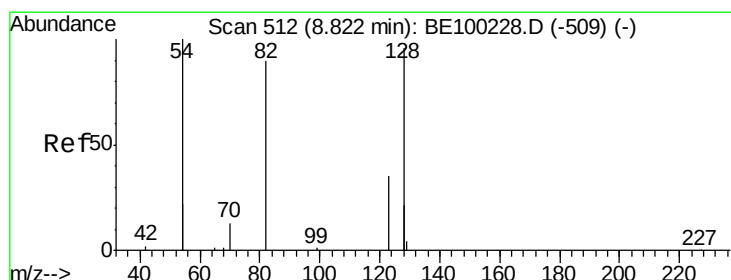
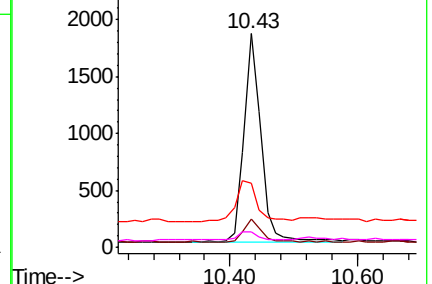
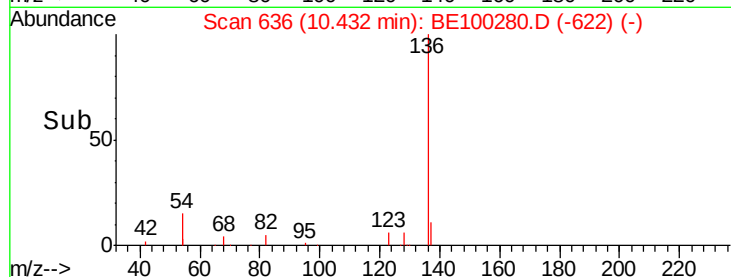


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.193 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

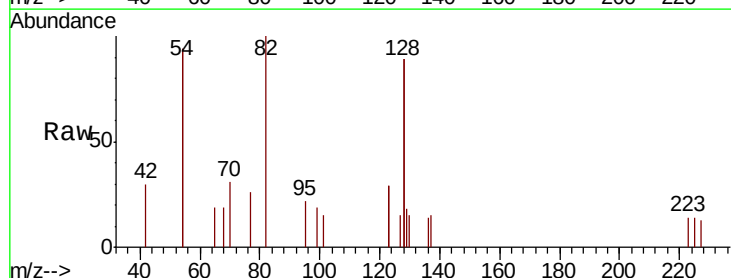
Tgt Ion: 82 Resp: 648

Ion Ratio Lower Upper

82 100

128 177.9 140.9 211.3

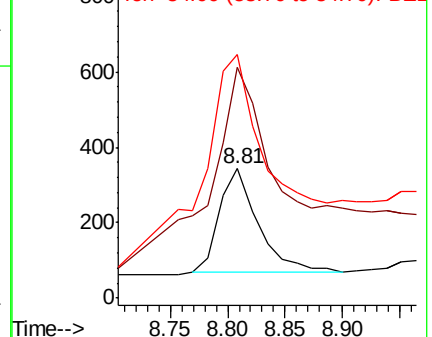
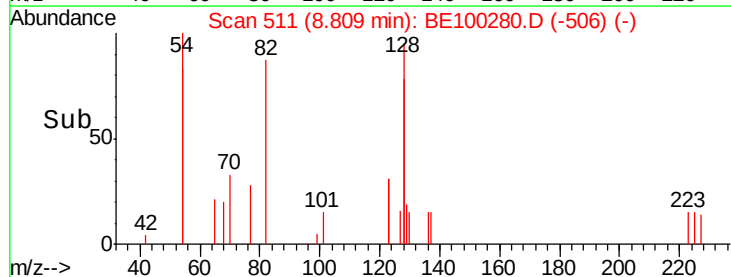
54 187.8 146.2 219.2

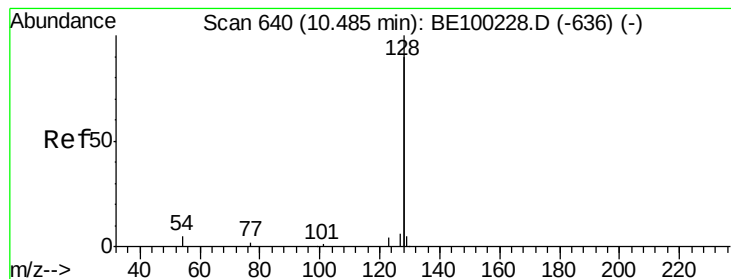


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.410 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

Instrument :

BNA_M

ClientSampleId :

EXT-008-SW110-061719

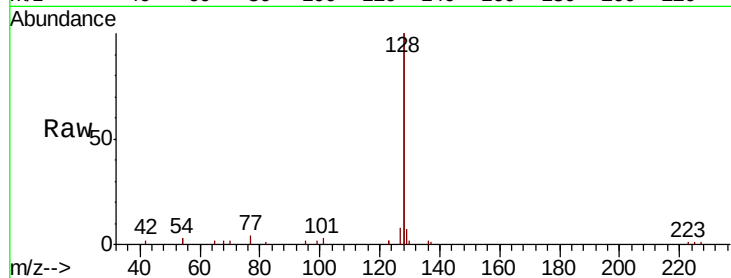
Tgt Ion:128 Resp: 15320

Ion Ratio Lower Upper

128 100

129 3.5 3.0 4.6

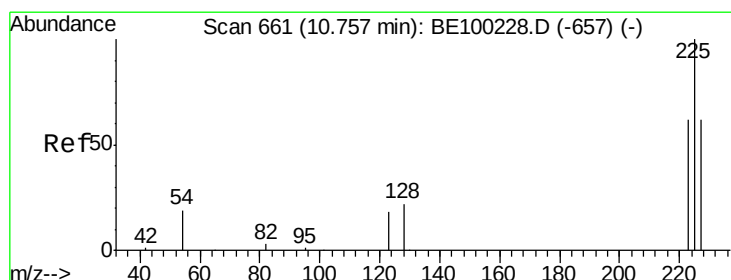
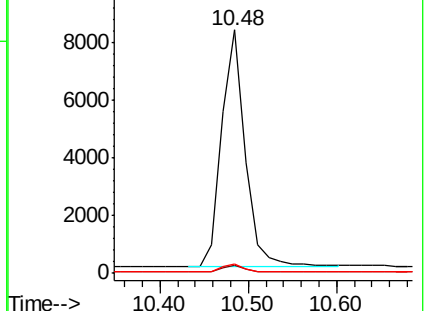
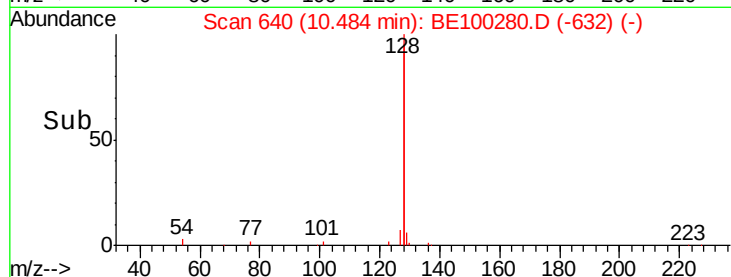
127 3.9 3.5 5.3



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



#10

Hexachlorobutadiene

Concen: 0.001 ng

RT: 10.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

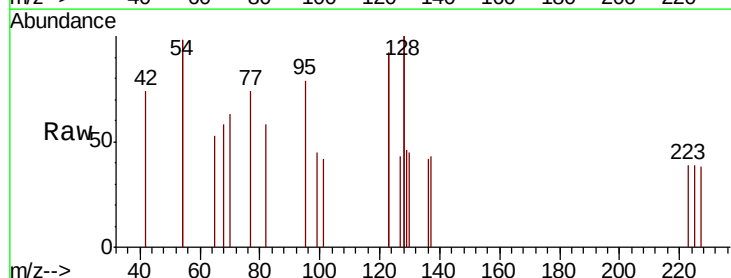
Tgt Ion:225 Resp: 4

Ion Ratio Lower Upper

225 100

223 150.0 49.1 73.7#

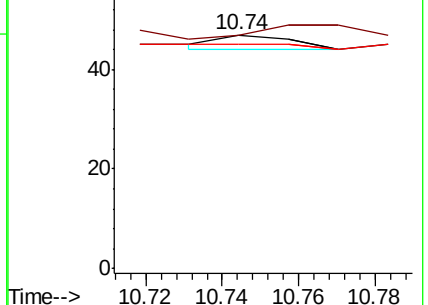
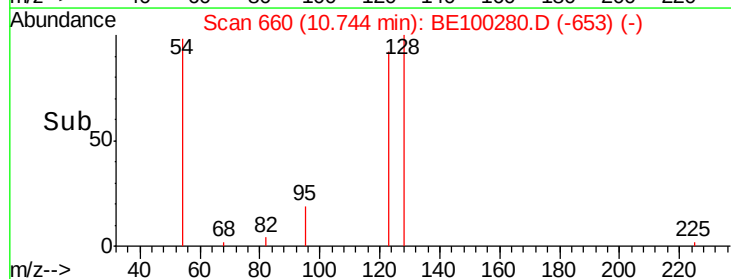
227 0.0 49.3 73.9#

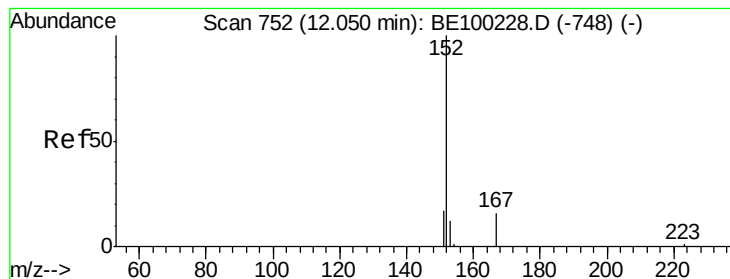


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.344 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

Instrument :

BNA_M

ClientSampleId :

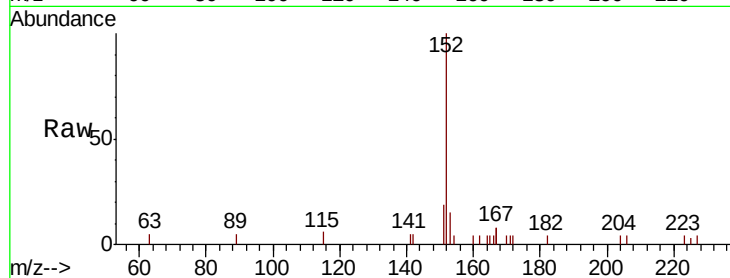
EXT-008-SW110-061719

Tgt Ion:152 Resp: 2193

Ion Ratio Lower Upper

152 100

151 18.9 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

1500

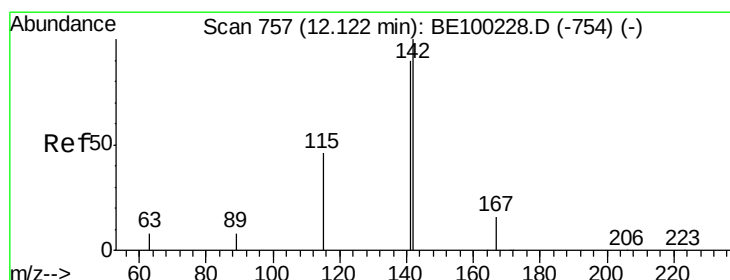
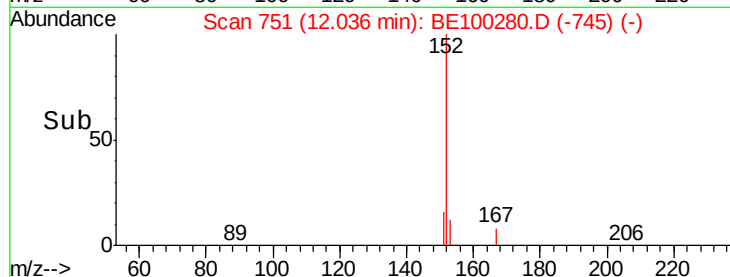
12.04

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.459 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

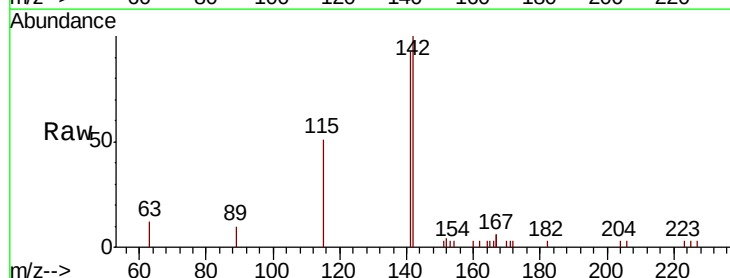
Tgt Ion:142 Resp: 3004

Ion Ratio Lower Upper

142 100

141 92.9 72.4 108.6

115 50.8 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

2000

12.11

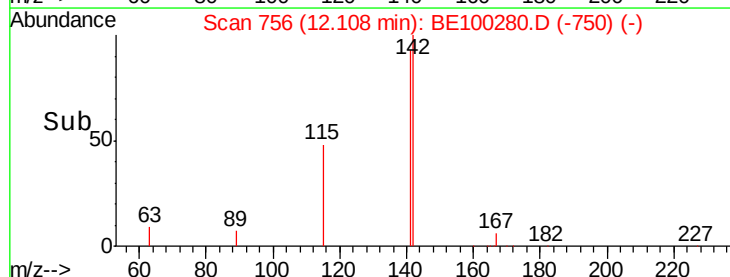
1500

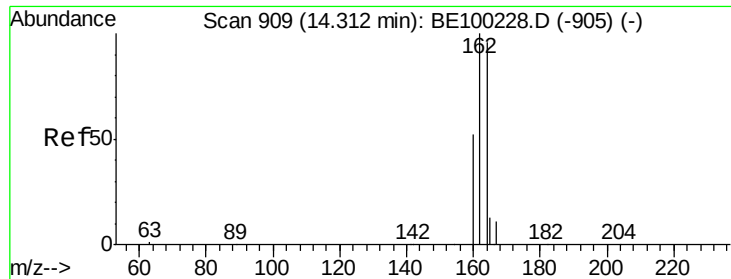
1000

500

0

Time-->

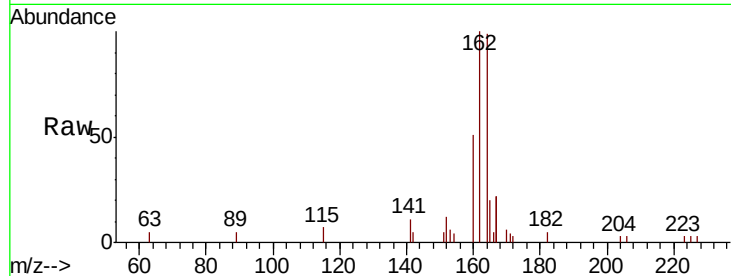




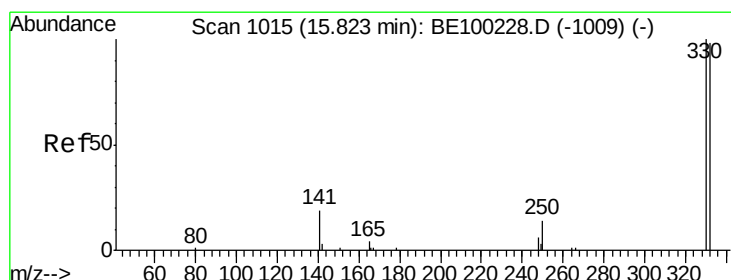
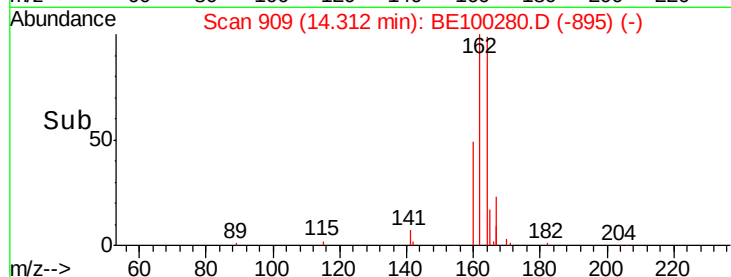
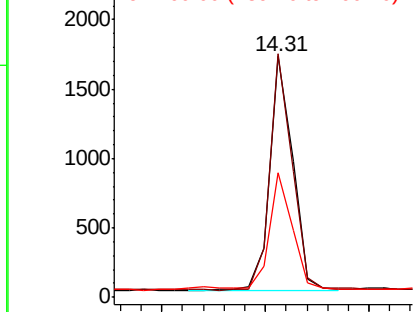
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100280.D
Acq: 2 Jul 2019 1:08

Instrument :
BNA_M
ClientSampleId :
EXT-008-SW110-061719

Tgt Ion:164 Resp: 2642
Ion Ratio Lower Upper
164 100
162 101.1 83.4 125.0
160 51.5 45.0 67.6

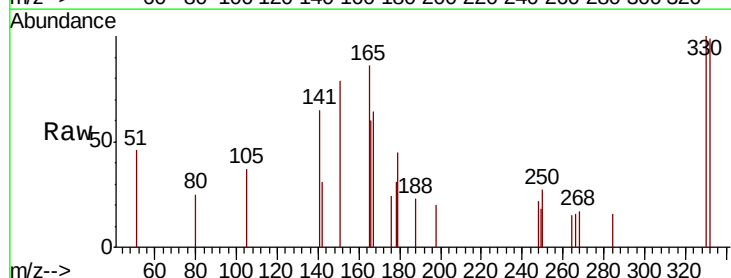


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

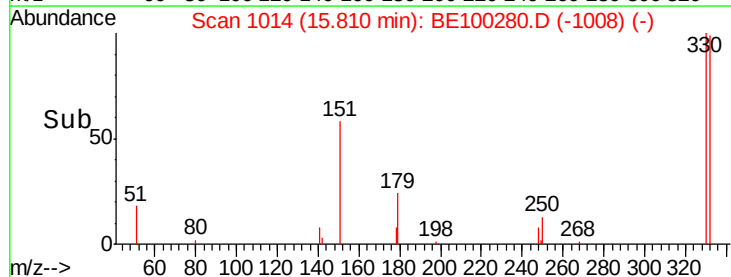
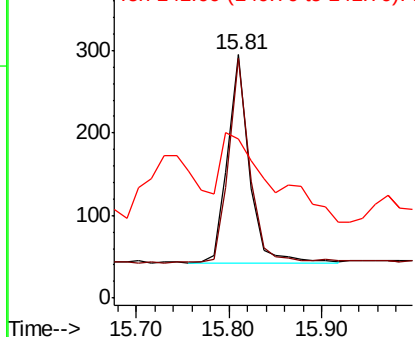


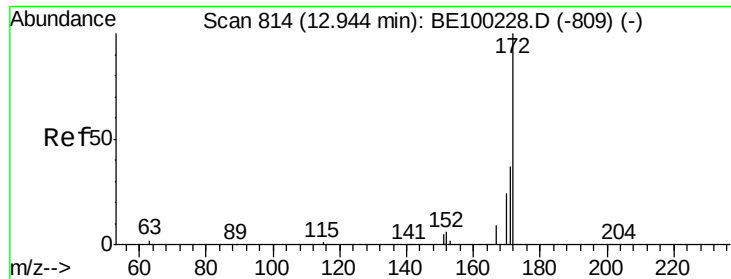
#14
2,4,6-Tribromophenol
Concen: 0.217 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100280.D
Acq: 2 Jul 2019 1:08

Tgt Ion:330 Resp: 401
Ion Ratio Lower Upper
330 100
332 93.8 77.0 115.4
141 100.2 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

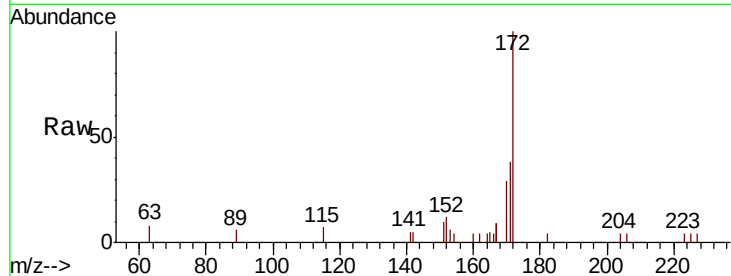




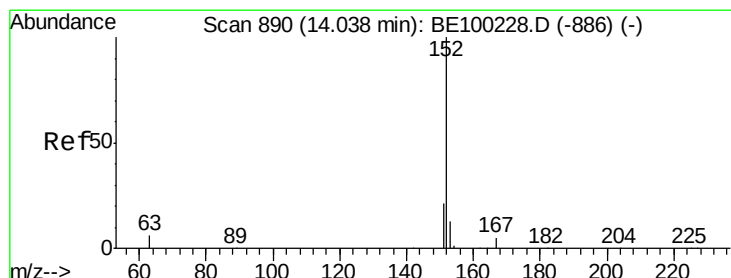
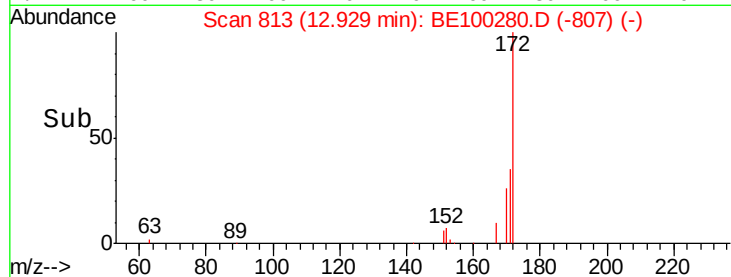
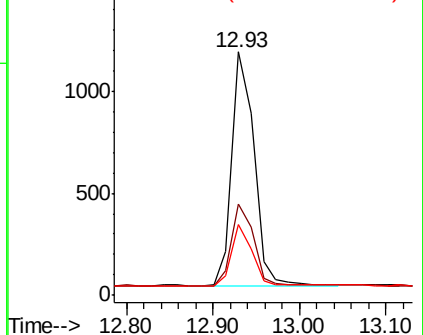
#15
2-Fluorobiphenyl
Concen: 0.198 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100280.D
Acq: 2 Jul 2019 1:08

Instrument :
BNA_M
ClientSampleId :
EXT-008-SW110-061719

Tgt Ion:172 Resp: 2041
Ion Ratio Lower Upper
172 100
171 37.7 31.9 47.9
170 29.1 22.2 33.2

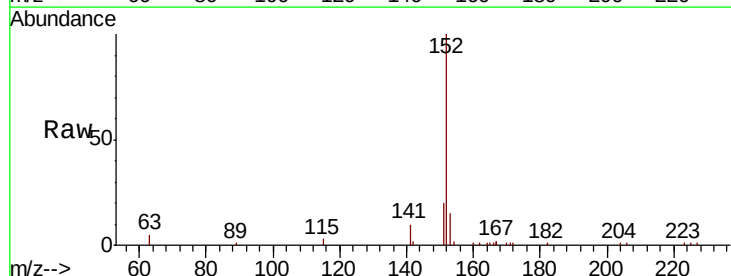


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

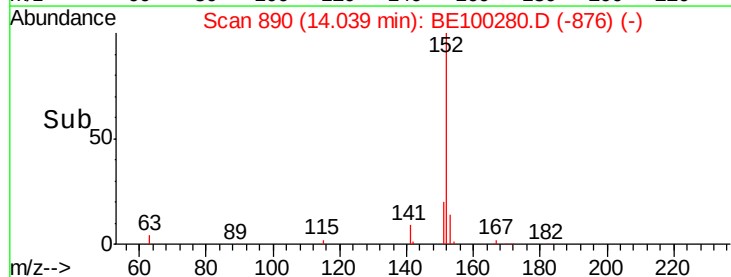
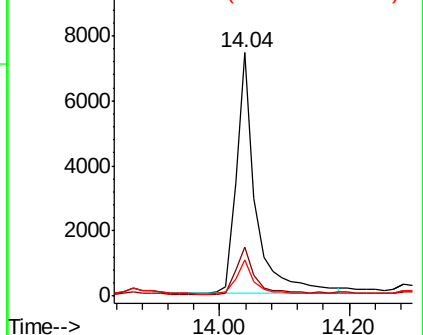


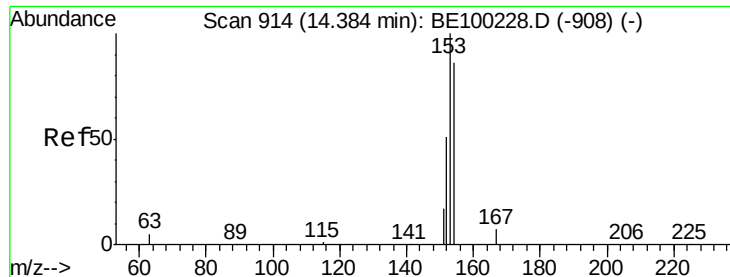
#16
Acenaphthylene
Concen: 1.207 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100280.D
Acq: 2 Jul 2019 1:08

Tgt Ion:152 Resp: 15300
Ion Ratio Lower Upper
152 100
151 20.0 16.6 25.0
153 13.9 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

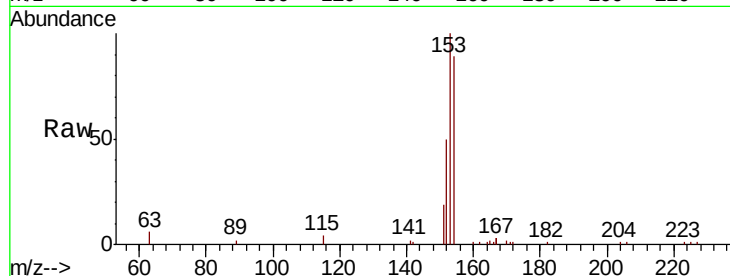




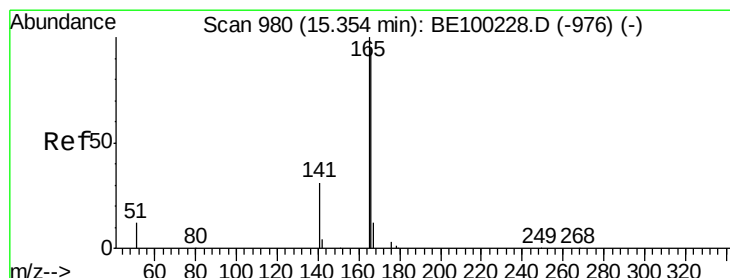
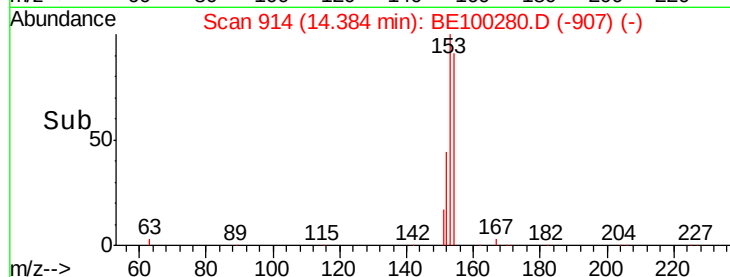
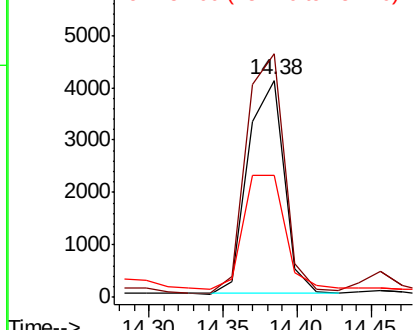
#17
Acenaphthene
Concen: 0.978 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100280.D
Acq: 2 Jul 2019 1:08

Instrument :
BNA_M
ClientSampleId :
EXT-008-SW110-061719

Tgt Ion:154 Resp: 7025
Ion Ratio Lower Upper
154 100
153 117.6 93.4 140.2
152 61.2 49.4 74.2

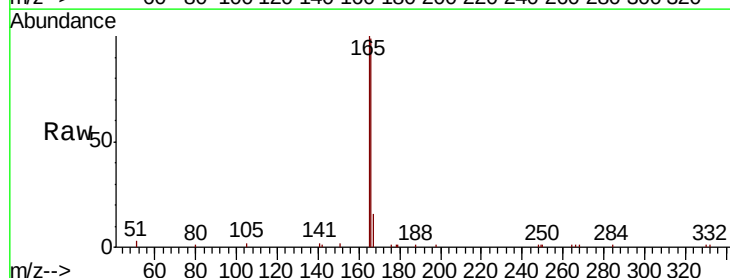


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

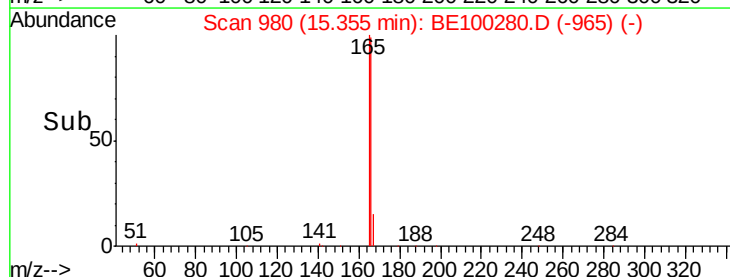
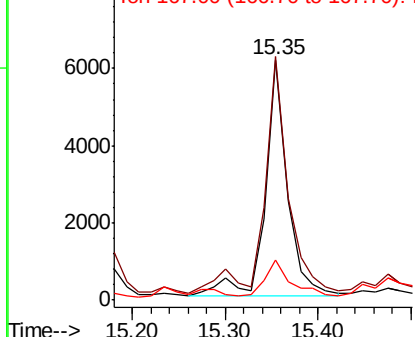


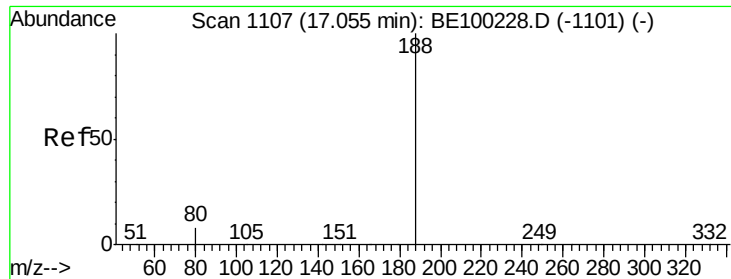
#18
Fluorene
Concen: 0.960 ng
RT: 15.35 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE100280.D
Acq: 2 Jul 2019 1:08

Tgt Ion:166 Resp: 10197
Ion Ratio Lower Upper
166 100
165 109.1 81.1 121.7
167 16.7 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

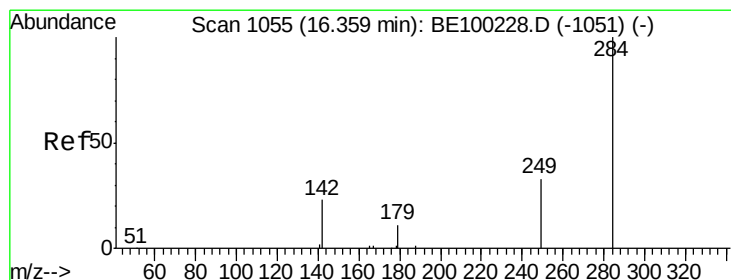
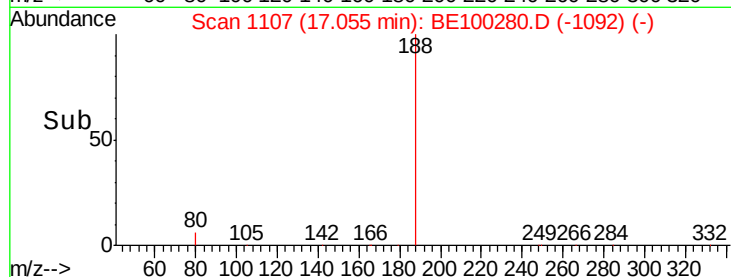
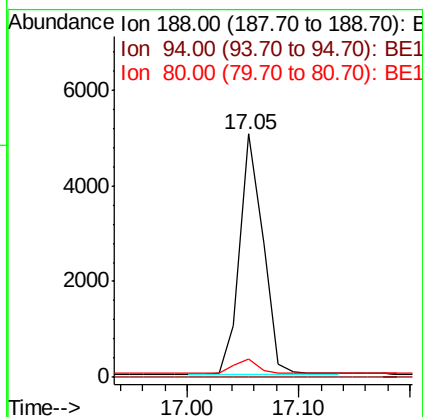
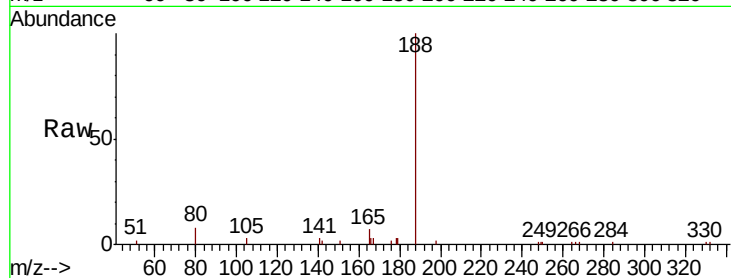




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BE100280.D
Acq: 2 Jul 2019 1:08

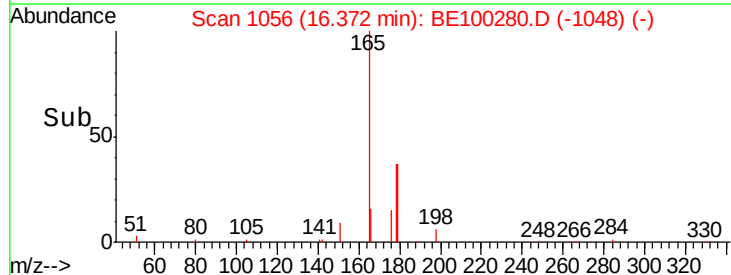
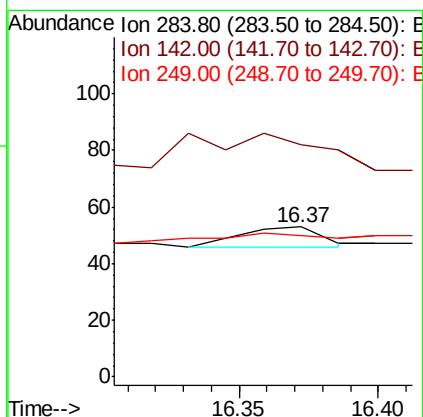
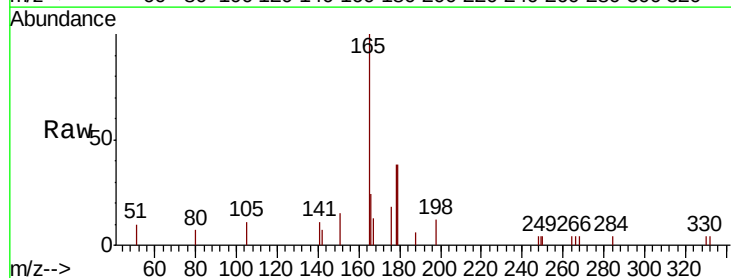
Instrument :
BNA_M
ClientSampleId :
EXT-008-SW110-061719

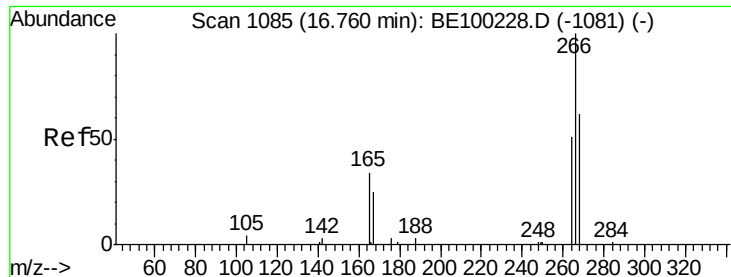
Tgt Ion:188 Resp: 7288
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 7.6 11.4



#21
Hexachlorobenzene
Concen: 0.003 ng
RT: 16.37 min Scan# 1056
Delta R.T. 0.01 min
Lab File: BE100280.D
Acq: 2 Jul 2019 1:08

Tgt Ion:284 Resp: 14
Ion Ratio Lower Upper
284 100
142 0.0 18.8 28.2#
249 78.6 23.7 35.5#





#22

Pentachlorophenol

Concen: 0.038 ng

RT: 16.72 min Scan# 1082

Delta R.T. -0.04 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

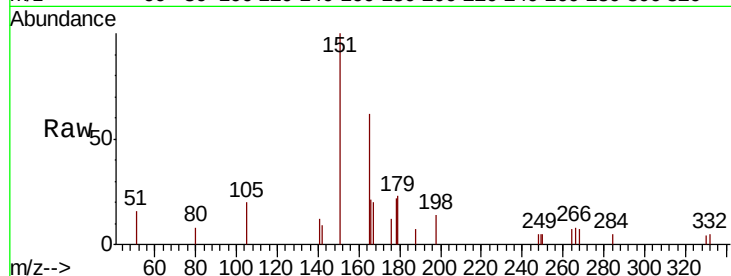
Instrument :

BNA_M

ClientSampleId :

EXT-008-SW110-061719

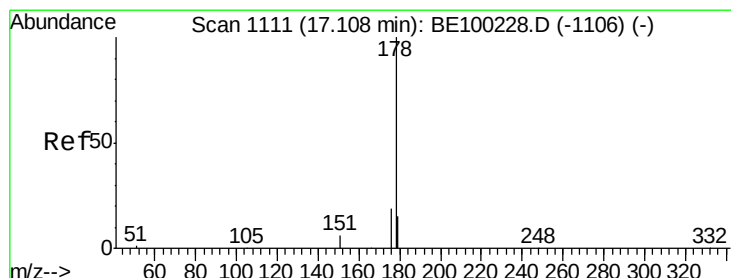
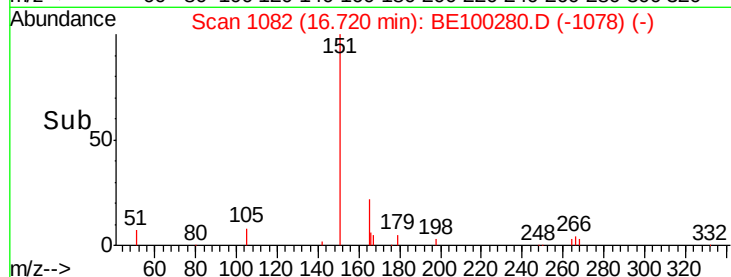
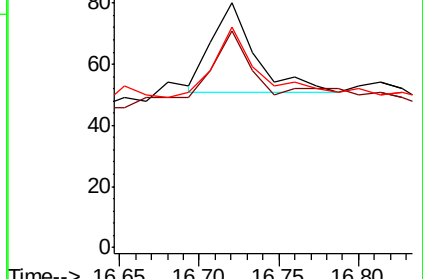
Tgt Ion:	266	Resp:	55
Ion Ratio	Lower	Upper	
266	100		
264	88.8	56.2	84.2#
268	90.0	61.8	92.6



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#23

Phenanthrene

Concen: 11.482 ng

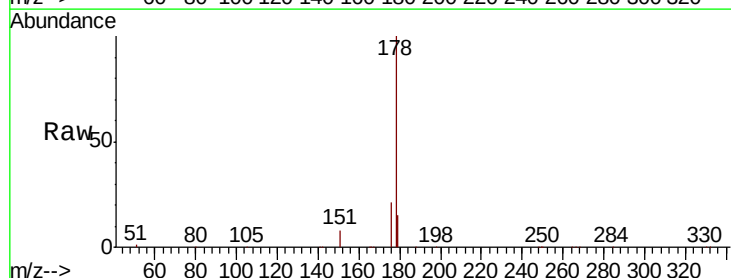
RT: 17.10 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

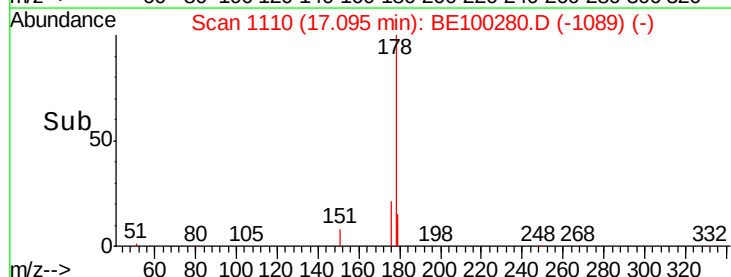
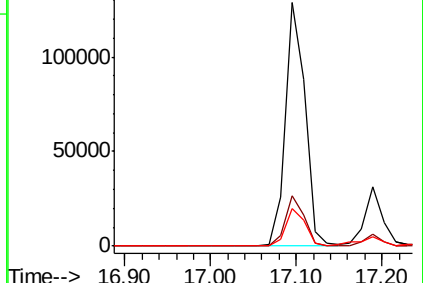
Tgt Ion:	178	Resp:	202813
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.9	23.9
179	15.5	12.2	18.2

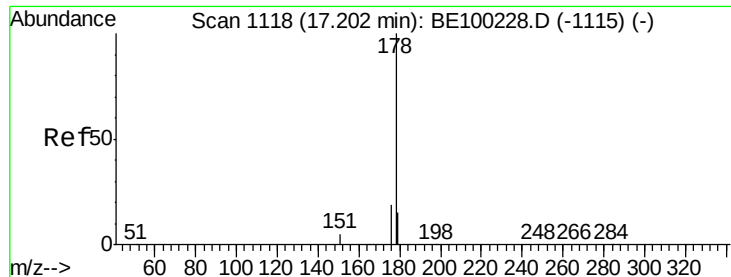


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

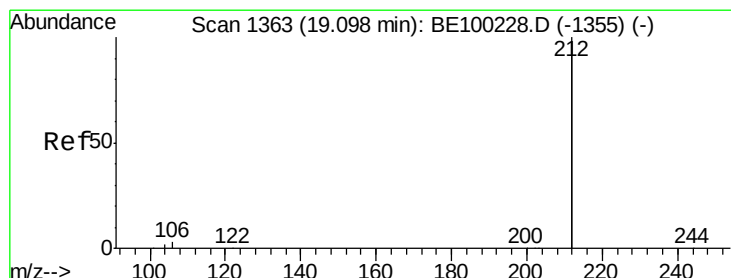
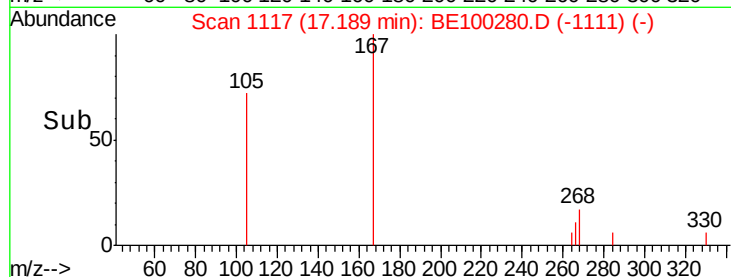
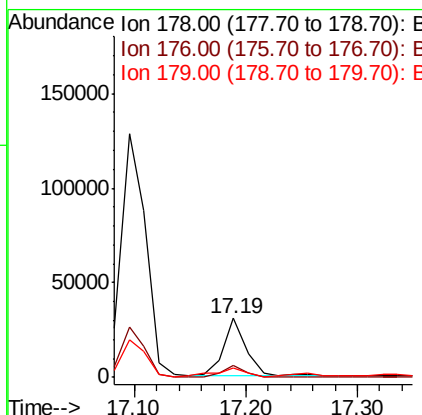
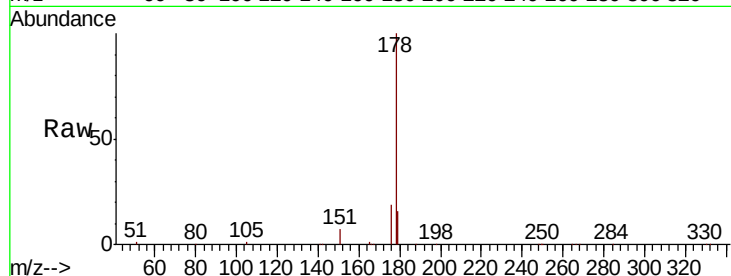




#24
 Anthracene
 Concen: 2.767 ng
 RT: 17.19 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BE100280.D
 Acq: 2 Jul 2019 1:08

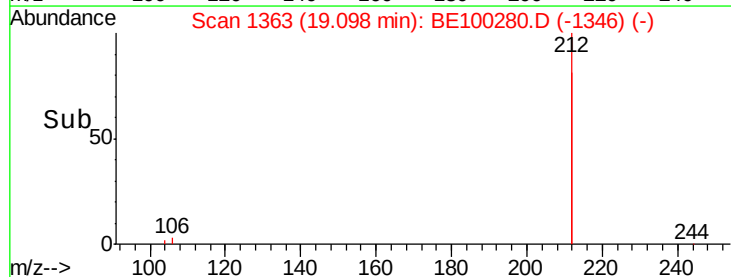
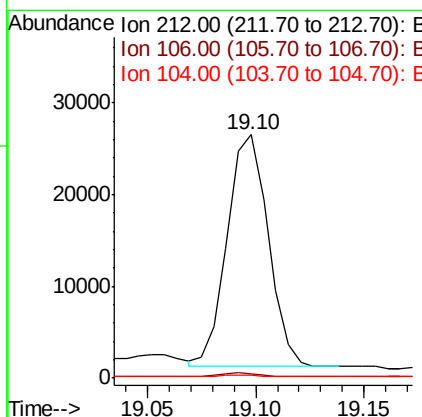
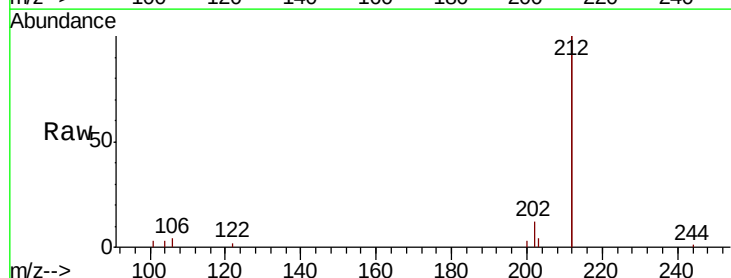
Instrument :
 BNA_M
 ClientSampleId :
 EXT-008-SW110-061719

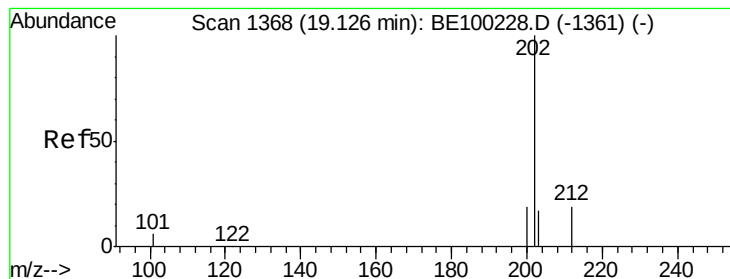
Tgt Ion:178 Resp: 44010
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.3 22.9
 179 18.2 12.2 18.2



#25
 Fluoranthene-d10
 Concen: 0.315 ng
 RT: 19.10 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BE100280.D
 Acq: 2 Jul 2019 1:08

Tgt Ion:212 Resp: 33288
 Ion Ratio Lower Upper
 212 100
 106 1.5 1.3 1.9
 104 1.0 0.8 1.2





#26

Fluoranthene

Concen: 17.466 ng

RT: 19.13 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

Instrument :

BNA_M

ClientSampleId :

EXT-008-SW110-061719

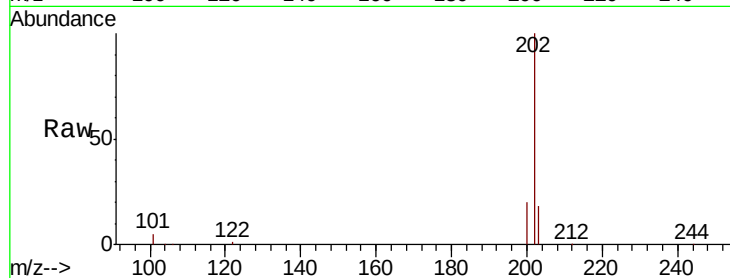
Tgt Ion: 202 Resp: 491406

Ion Ratio Lower Upper

202 100

101 5.2 4.6 7.0

203 17.8 13.7 20.5

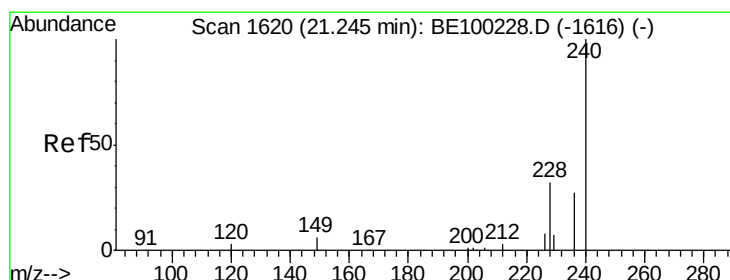
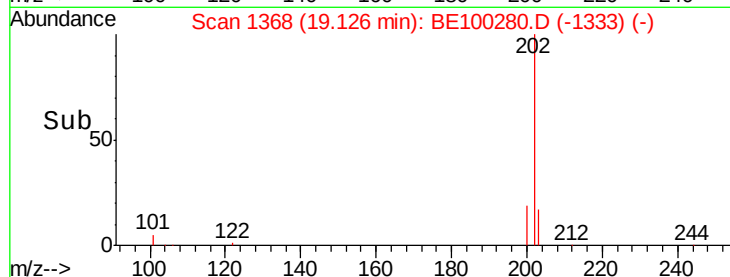
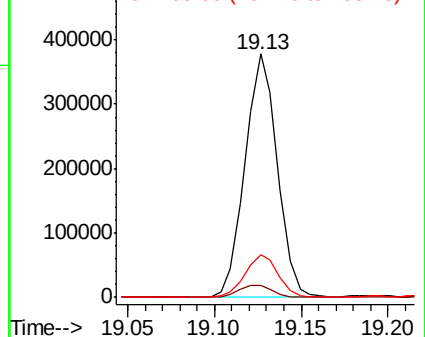


Abundance

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: 21.24 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

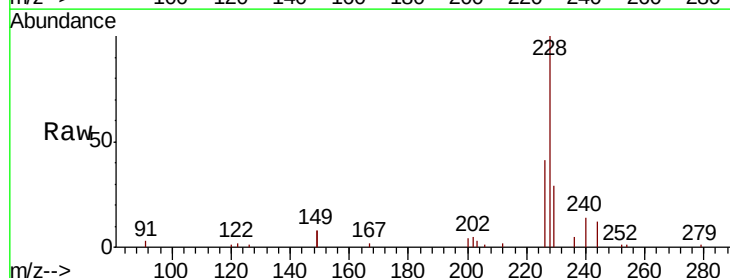
Tgt Ion: 240 Resp: 9545

Ion Ratio Lower Upper

240 100

120 8.4 3.3 4.9#

236 33.7 22.6 34.0

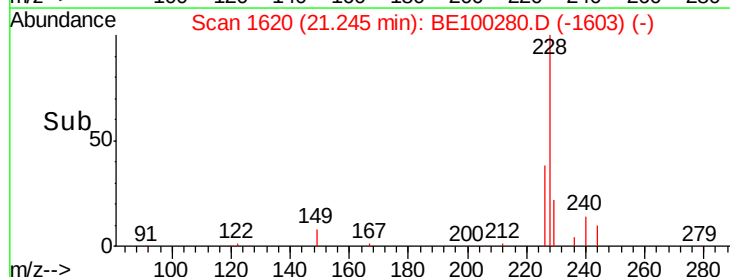
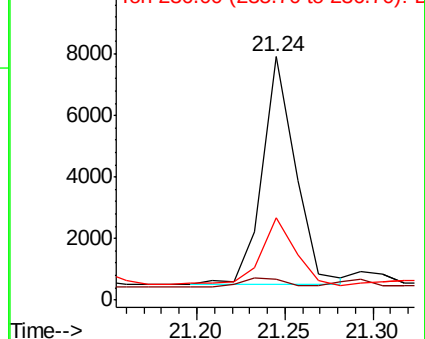


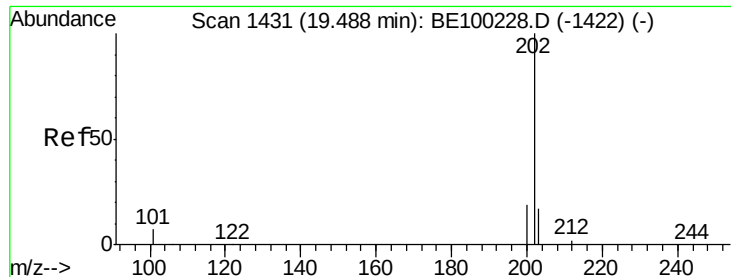
Abundance

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: 21.052 ng

RT: 19.49 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

Instrument :

BNA_M

ClientSampleId :

EXT-008-SW110-061719

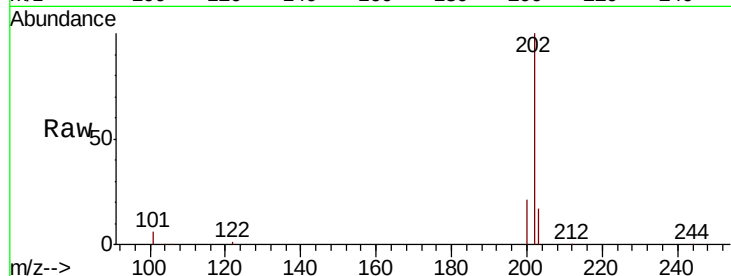
Tgt Ion:202 Resp: 532002

Ion Ratio Lower Upper

202 100

200 20.0 15.6 23.4

203 22.0 14.0 21.0#

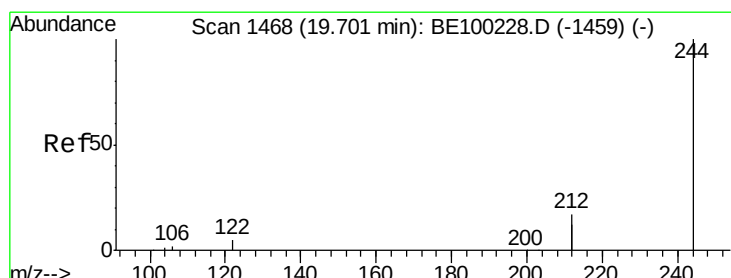
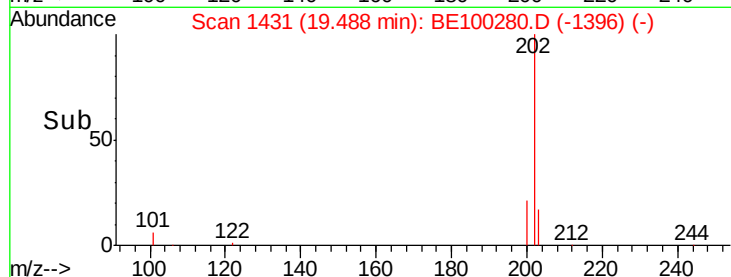
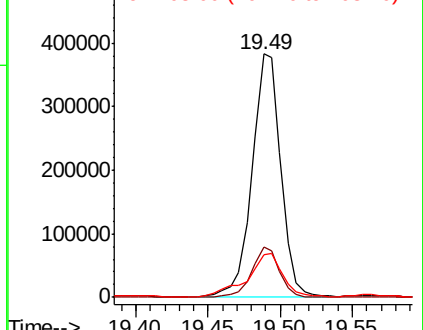


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.263 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

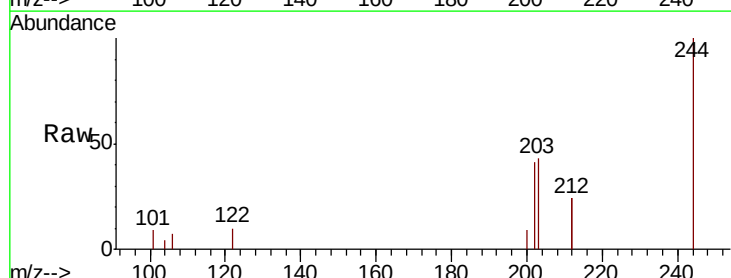
Tgt Ion:244 Resp: 5212

Ion Ratio Lower Upper

244 100

212 47.9 27.3 40.9#

122 9.5 4.7 7.1#

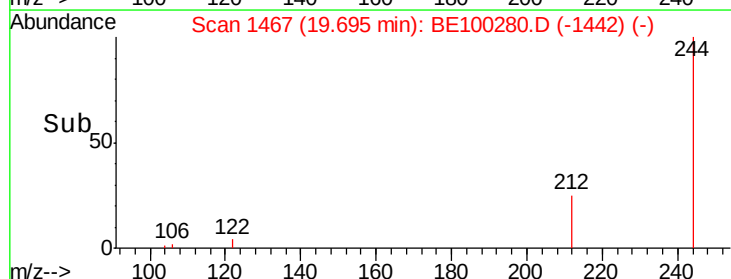
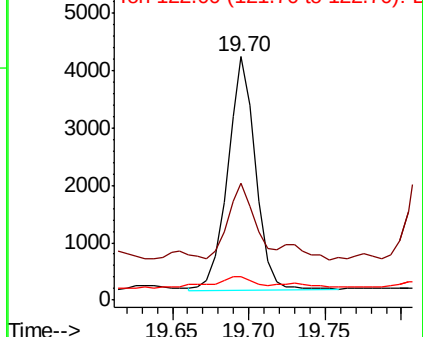


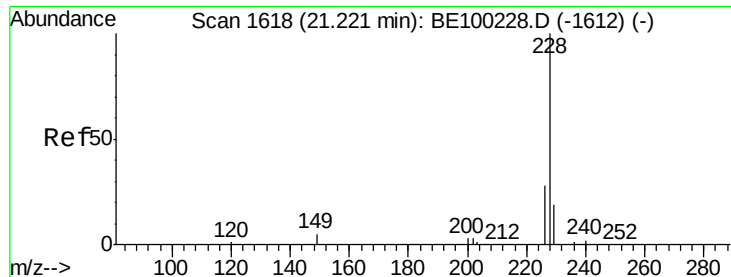
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 12.237 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

Instrument :

BNA_M

ClientSampleId :

EXT-008-SW110-061719

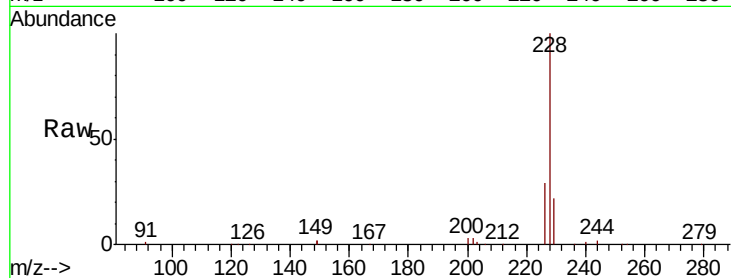
Tgt Ion:228 Resp: 384056

Ion Ratio Lower Upper

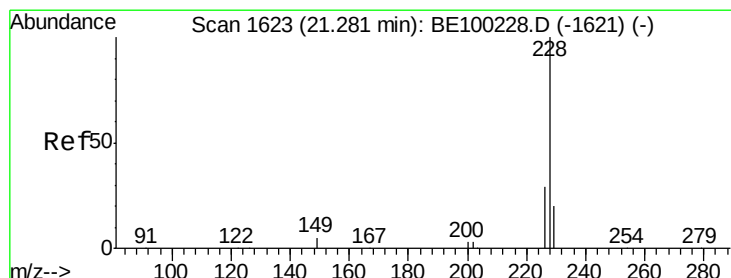
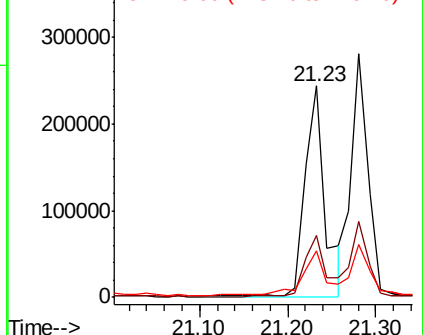
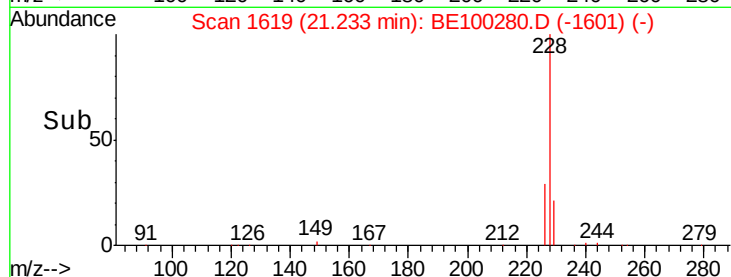
228 100

226 29.1 23.2 34.8

229 21.7 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: 11.613 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

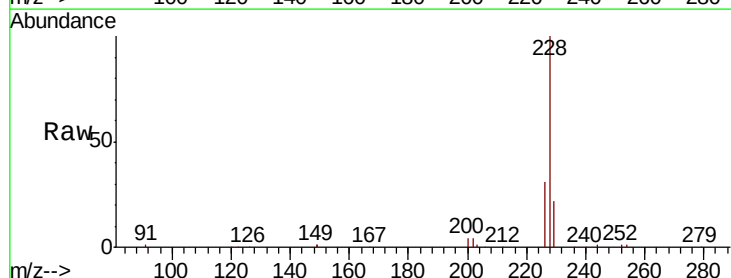
Tgt Ion:228 Resp: 365974

Ion Ratio Lower Upper

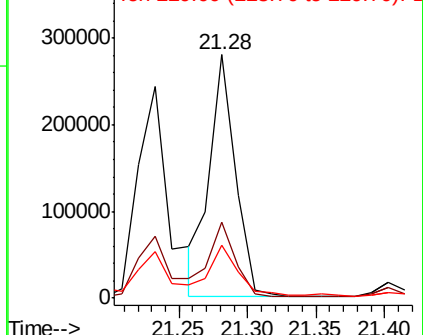
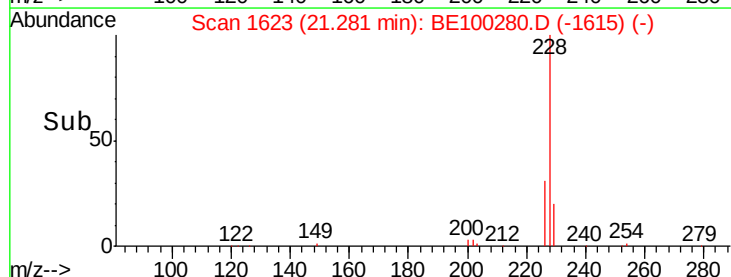
228 100

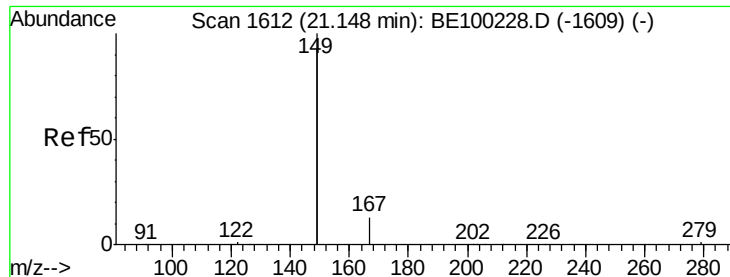
226 31.1 23.9 35.9

229 21.8 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: 1.567 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

Instrument :

BNA_M

ClientSampleId :

EXT-008-SW110-061719

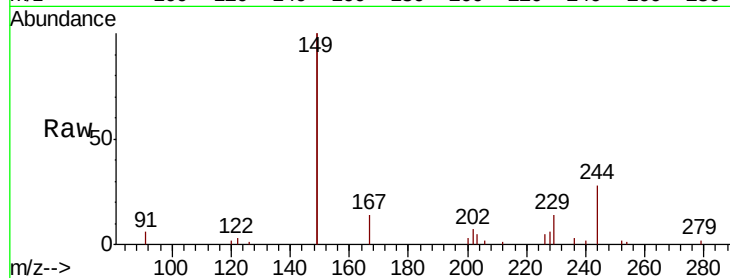
Tgt Ion:149 Resp: 72056

Ion Ratio Lower Upper

149 100

167 6.9 5.8 8.8

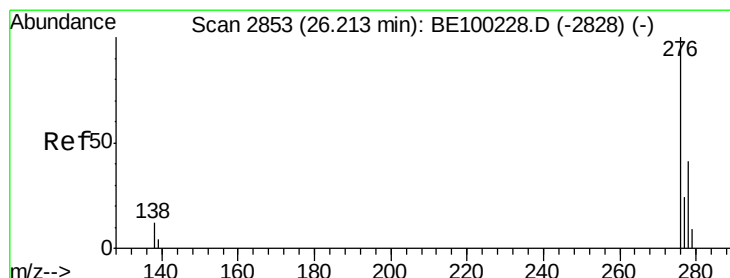
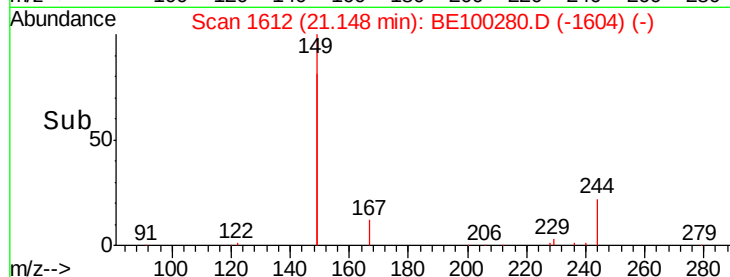
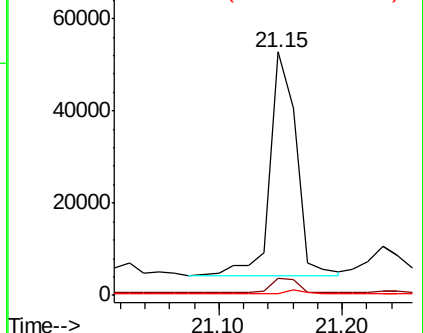
279 1.6 1.1 1.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 5.263 ng

RT: 26.24 min Scan# 2862

Delta R.T. 0.03 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

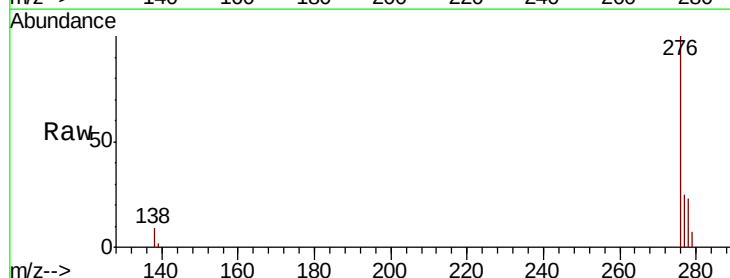
Tgt Ion:276 Resp: 219374

Ion Ratio Lower Upper

276 100

138 8.7 9.4 14.0#

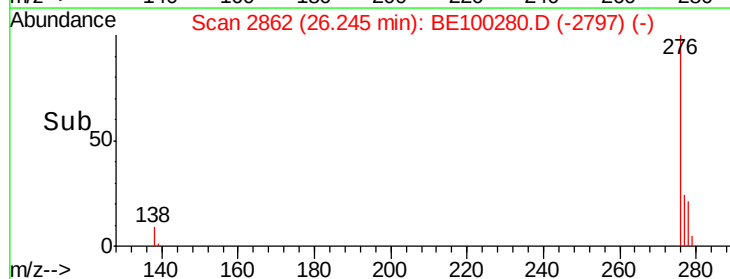
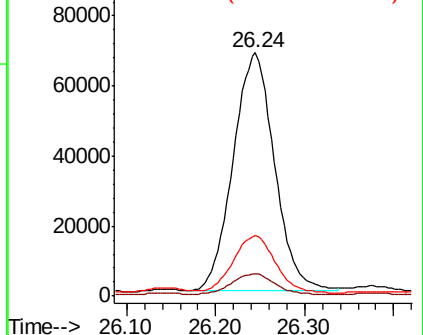
277 24.3 19.2 28.8

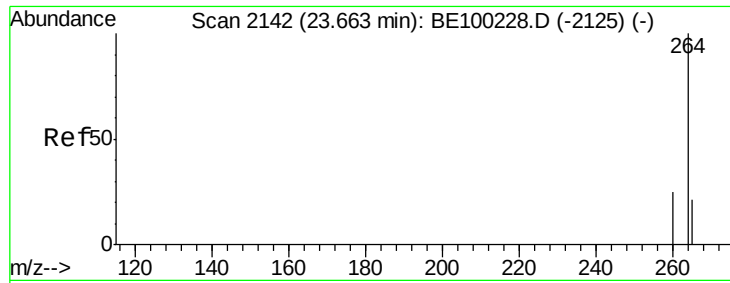


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

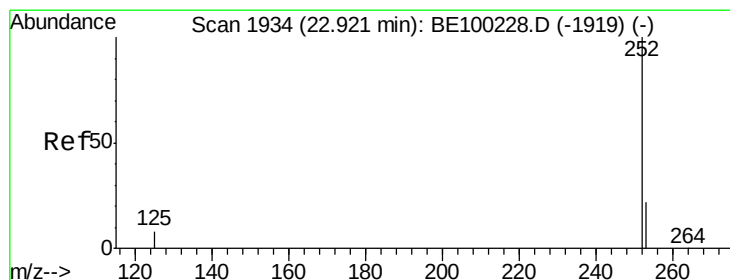
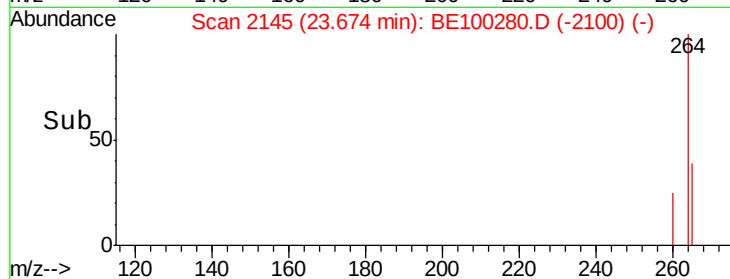
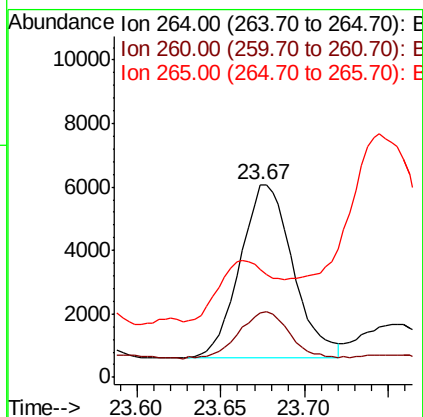
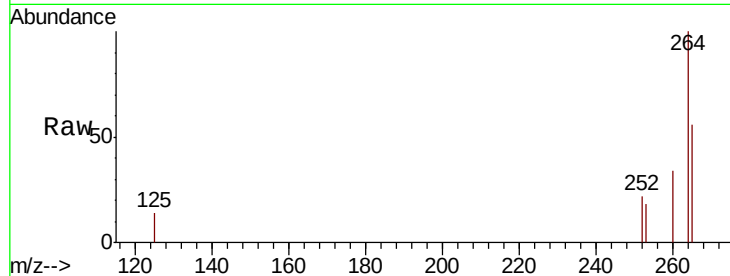




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BE100280.D
Acq: 2 Jul 2019 1:08

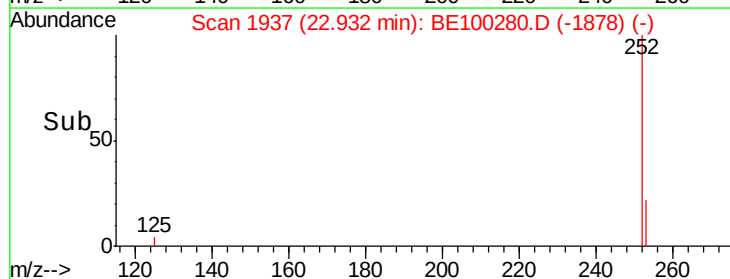
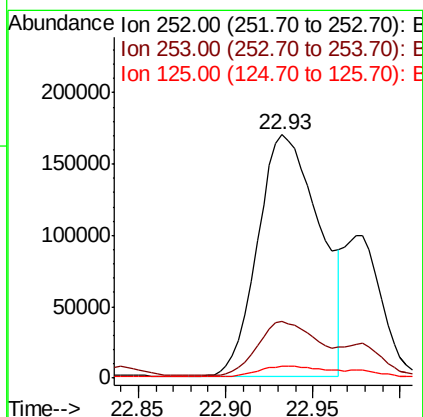
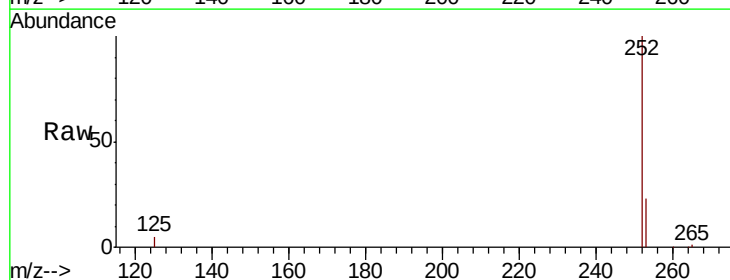
Instrument :
BNA_M
ClientSampleId :
EXT-008-SW110-061719

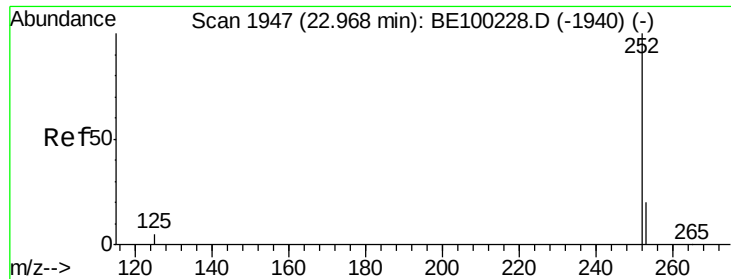
Tgt Ion: 264 Resp: 12050
Ion Ratio Lower Upper
264 100
260 33.6 20.8 31.2#
265 55.9 21.8 32.6#



#35
Benzo(b)fluoranthene
Concen: 12.804 ng
RT: 22.93 min Scan# 1937
Delta R.T. 0.01 min
Lab File: BE100280.D
Acq: 2 Jul 2019 1:08

Tgt Ion: 252 Resp: 418316
Ion Ratio Lower Upper
252 100
253 23.1 19.2 28.8
125 4.7 7.4 11.0#





#36

Benzo(k)fluoranthene

Concen: 11.471 ng

RT: 22.93 min Scan# 1937

Delta R.T. -0.04 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

Instrument :

BNA_M

ClientSampleId :

EXT-008-SW110-061719

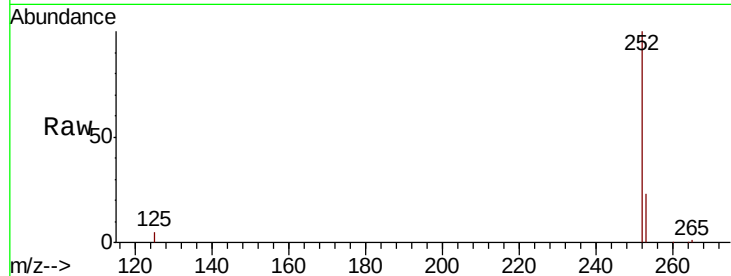
Tgt Ion:252 Resp: 418316

Ion Ratio Lower Upper

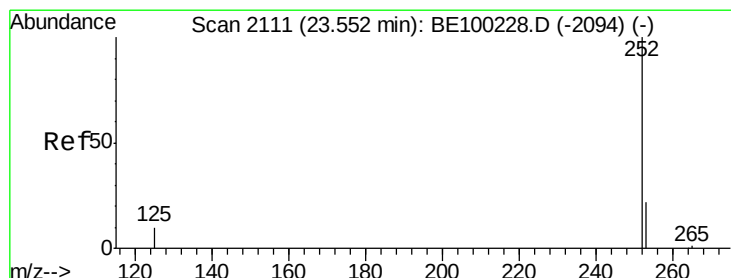
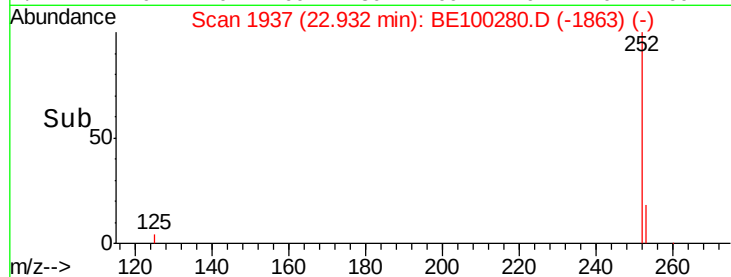
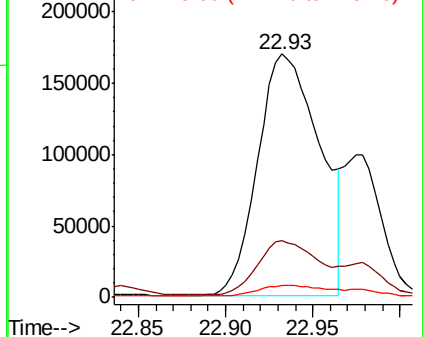
252 100

253 23.1 17.9 26.9

125 4.7 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: 8.988 ng

RT: 23.57 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

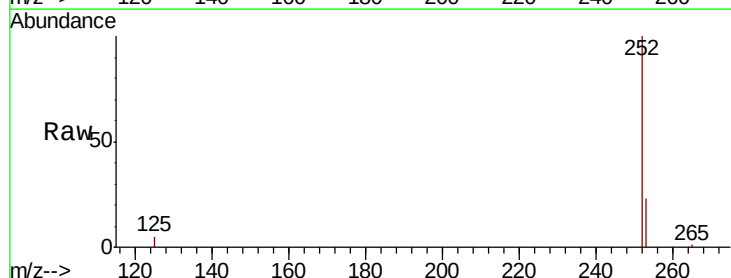
Tgt Ion:252 Resp: 294282

Ion Ratio Lower Upper

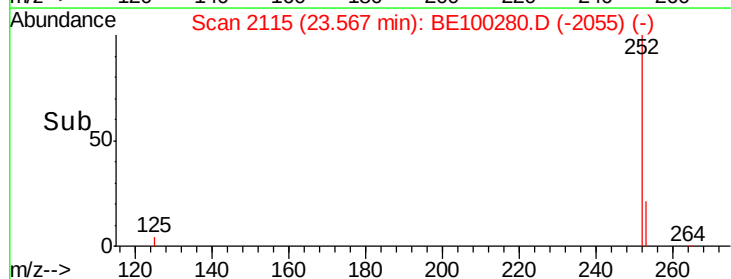
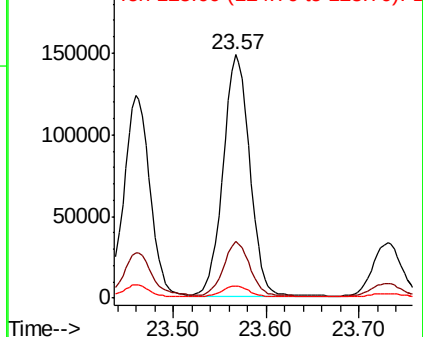
252 100

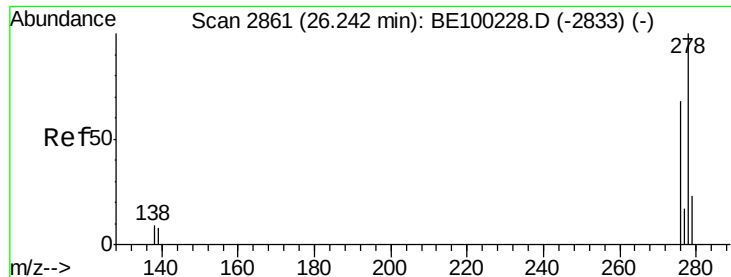
253 23.2 19.6 29.4

125 5.0 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: 1.717 ng

RT: 26.25 min Scan# 2864

Delta R.T. 0.01 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

Instrument :

BNA_M

ClientSampleId :

EXT-008-SW110-061719

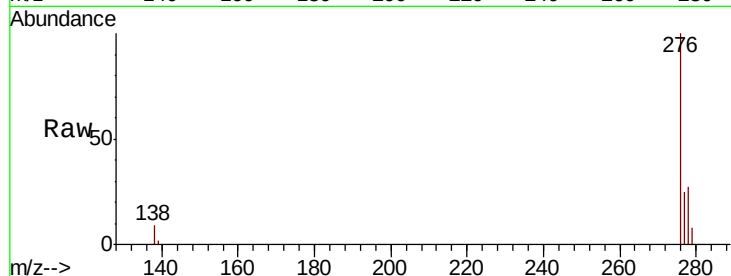
Tgt Ion: 278 Resp: 58723

Ion Ratio Lower Upper

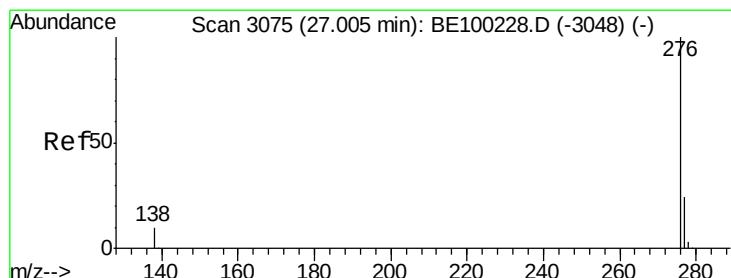
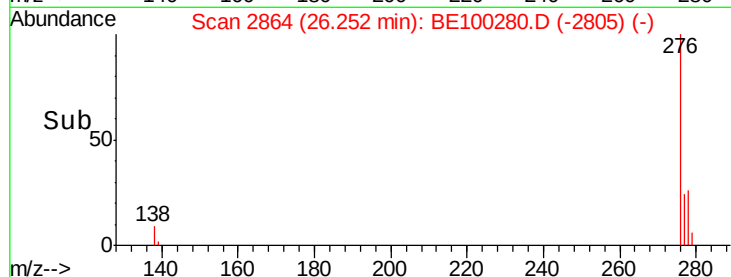
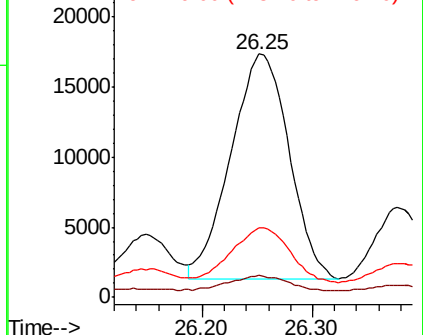
278 100

139 8.9 8.2 12.2

279 28.4 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: 6.708 ng

RT: 27.04 min Scan# 3084

Delta R.T. 0.03 min

Lab File: BE100280.D

Acq: 2 Jul 2019 1:08

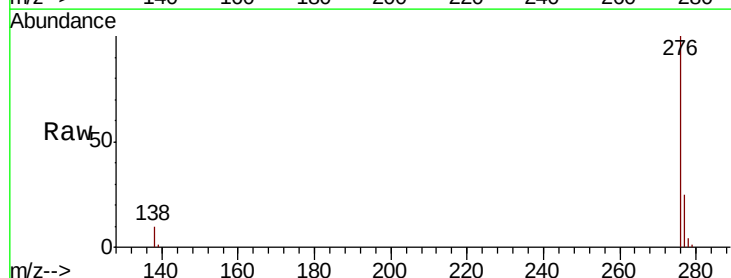
Tgt Ion: 276 Resp: 235639

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

