

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
 Data File : BE100390.D
 Acq On : 5 Jul 2019 20:21
 Operator : JU/SJ
 Sample : K3560-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EXT-009-SW143-062419

Quant Time: Jul 06 00:14:05 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	7.62	152	747	0.40	ng	-0.02
7) Naphthalene-d8	10.42	136	2492	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	1858	0.40	ng	-0.01
19) Phenanthrene-d10	17.04	188	5452	0.40	ng	-0.01
27) Chrysene-d12	21.23	240	7101	0.40	ng	-0.01
34) Perylene-d12	23.65	264	8875	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	524	0.28	ng	-0.02
5) Phenol-d6	6.82	99	669	0.27	ng	-0.02
8) Nitrobenzene-d5	8.80	82	454	0.18	ng	-0.03
11) 2-Methylnaphthalene-d10	12.02	152	1185	0.25	ng	-0.03
14) 2,4,6-Tribromophenol	15.81	330	411	0.32	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	1787	0.25	ng	-0.01
25) Fluoranthene-d10	19.08	212	17989	0.23	ng	-0.02
29) Terphenyl-d14	19.68	244	3677	0.25	ng	-0.02

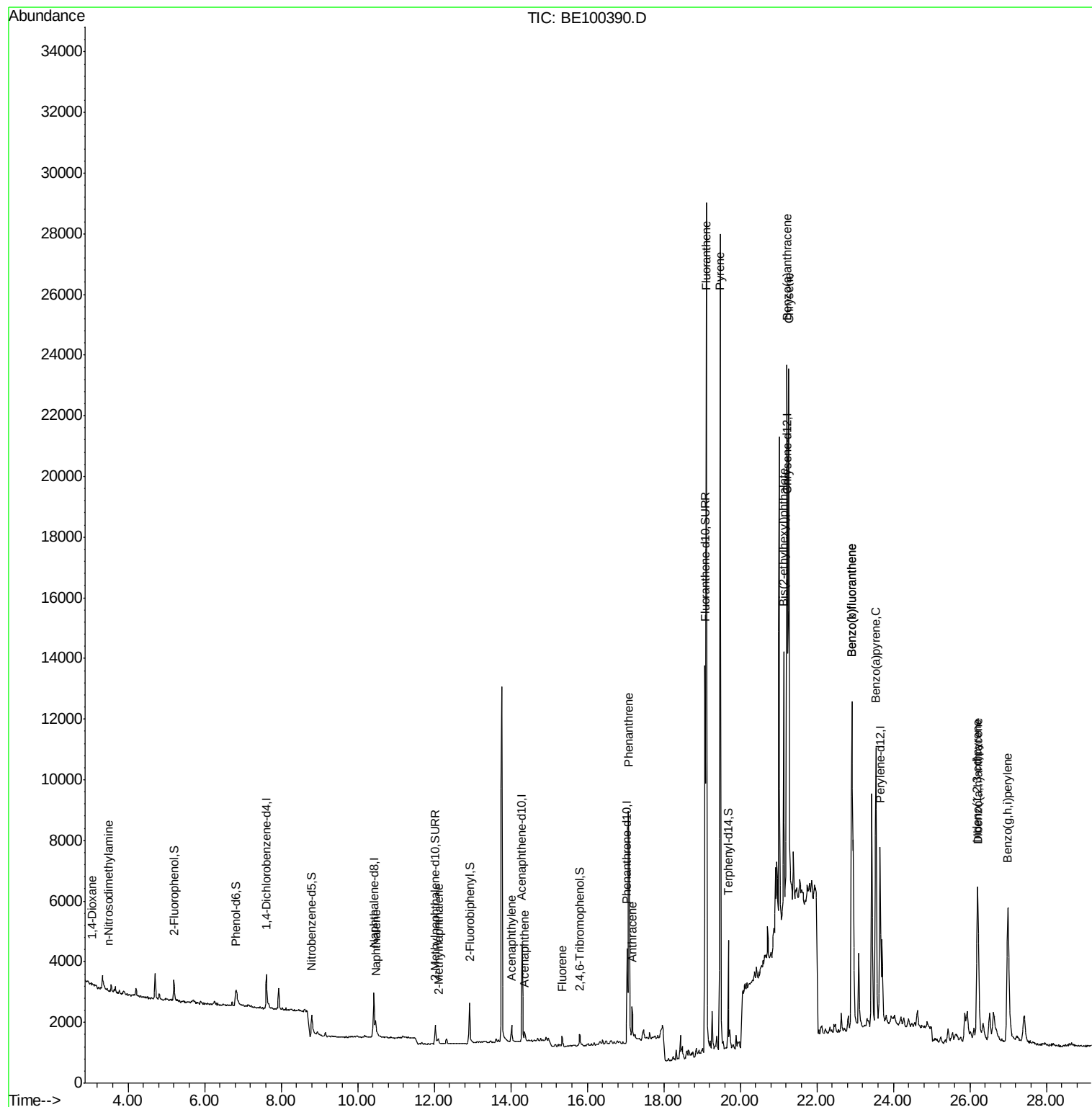
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.06	88	35	0.030	ng	# 32
3) n-Nitrosodimethylamine	3.50	42	17	0.031	ng	# 1
9) Naphthalene	10.47	128	956	0.035	ng	# 82
12) 2-Methylnaphthalene	12.11	142	147	0.030	ng	# 87
16) Acenaphthylene	14.03	152	769	0.086	ng	98
17) Acenaphthene	14.36	154	167	0.033	ng	94
18) Fluorene	15.34	166	309	0.041	ng	# 88
23) Phenanthrene	17.08	178	9800	0.742	ng	99
24) Anthracene	17.17	178	1490	0.125	ng	98
26) Fluoranthene	19.12	202	28543	1.356	ng	100
28) Pyrene	19.48	202	27104	1.442	ng	97
30) Benzo(a)anthracene	21.22	228	15763	0.675	ng	# 90
31) Chrysene	21.27	228	14749	0.629	ng	95
32) Bis(2-ethylhexyl)phthalate	21.14	149	8825	0.210	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.20	276	11699	0.377	ng	# 91
35) Benzo(b)fluoranthene	22.91	252	22240	0.924	ng	97
36) Benzo(k)fluoranthene	22.91	252	22240	0.828	ng	# 93
37) Benzo(a)pyrene	23.54	252	15234	0.632	ng	95
38) Dibenzo(a,h)anthracene	26.21	278	2671	0.106	ng	# 55
39) Benzo(g,h,i)perylene	26.99	276	13267	0.513	ng	95

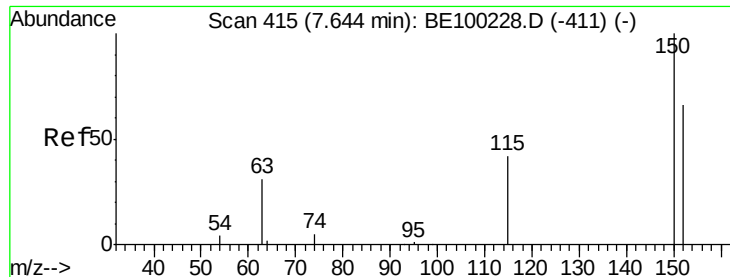
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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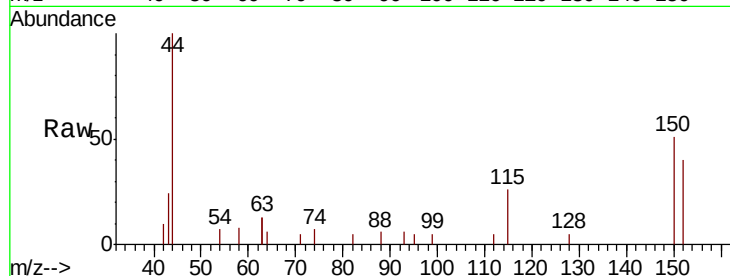


#1

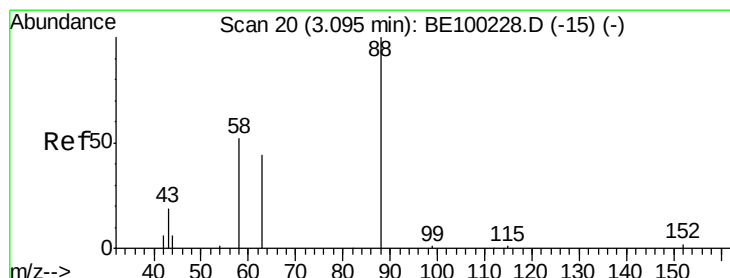
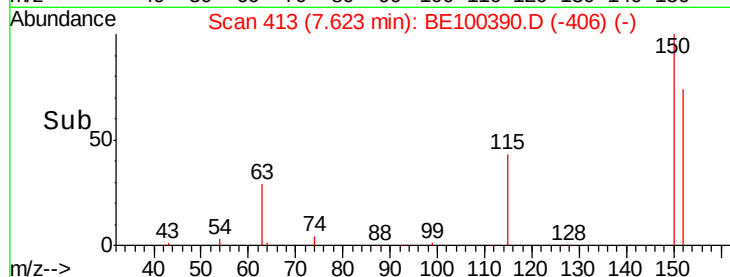
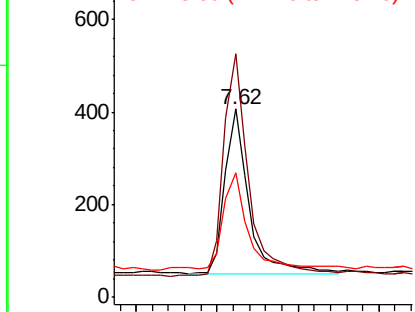
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 413
Delta R.T. -0.02 min
Lab File: BE100390.D
Acq: 5 Jul 2019 20:21

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW143-062419

Tgt Ion: 152 Resp: 747
Ion Ratio Lower Upper
152 100
150 129.2 114.5 171.7
115 65.8 57.1 85.7



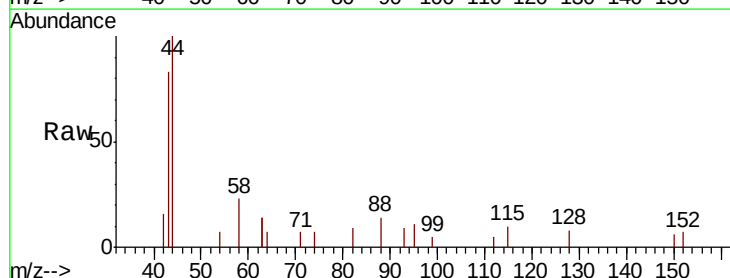
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



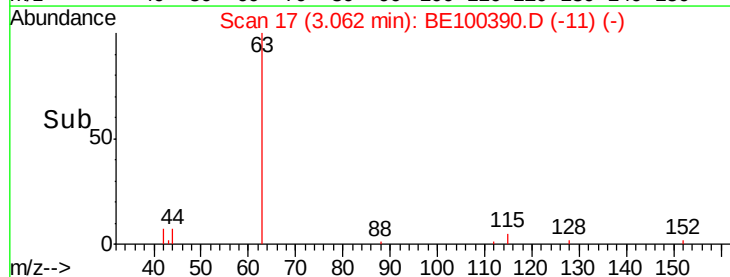
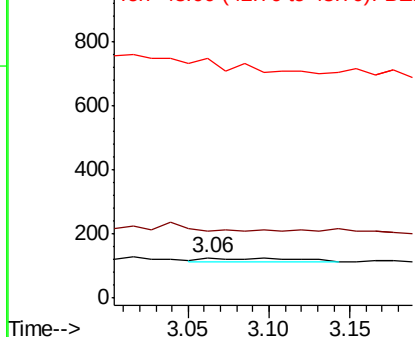
#2

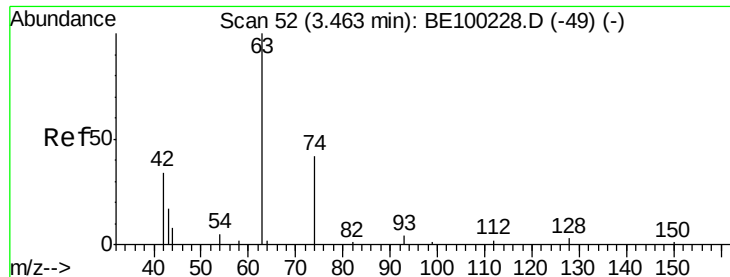
1,4-Dioxane
Concen: 0.030 ng
RT: 3.06 min Scan# 17
Delta R.T. -0.03 min
Lab File: BE100390.D
Acq: 5 Jul 2019 20:21

Tgt Ion: 88 Resp: 35
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: 0.031 ng

RT: 3.50 min Scan# 55

Delta R.T. 0.04 min

Lab File: BE100390.D

Acq: 5 Jul 2019 20:21

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW143-062419

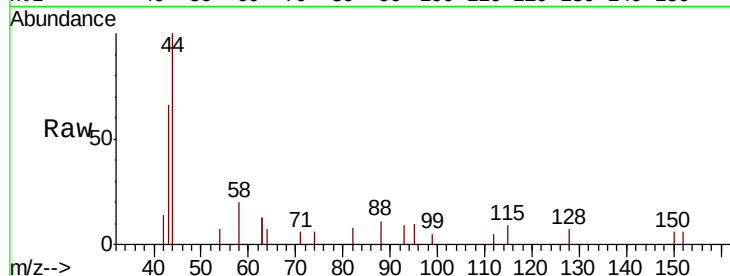
Tgt Ion: 42 Resp: 17

Ion Ratio Lower Upper

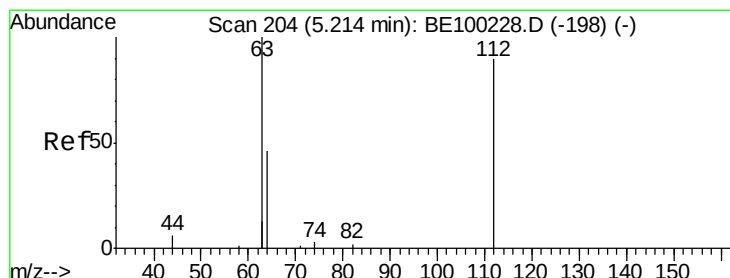
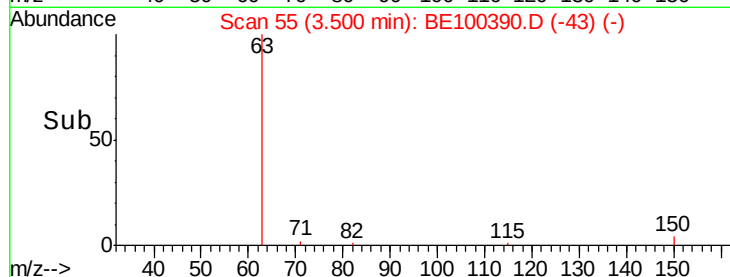
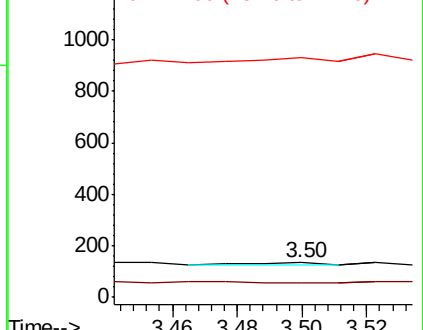
42 100

74 0.0 130.6 196.0#

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: 0.275 ng

RT: 5.19 min Scan# 202

Delta R.T. -0.02 min

Lab File: BE100390.D

Acq: 5 Jul 2019 20:21

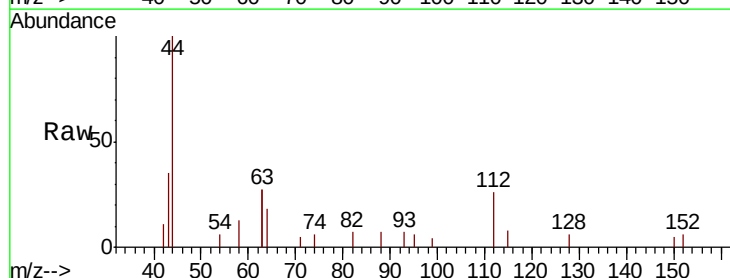
Tgt Ion: 112 Resp: 524

Ion Ratio Lower Upper

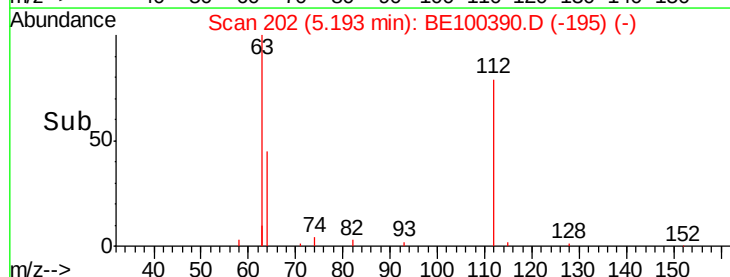
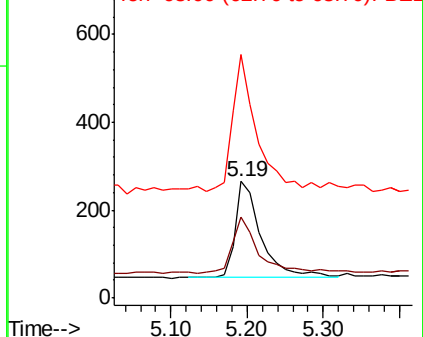
112 100

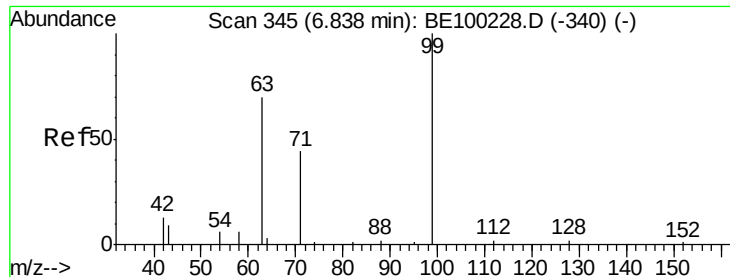
64 59.5 39.4 59.0#

63 131.9 104.5 156.7



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: 0.267 ng

RT: 6.82 min Scan# 343

Delta R.T. -0.02 min

Lab File: BE100390.D

Acq: 5 Jul 2019 20:21

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW143-062419

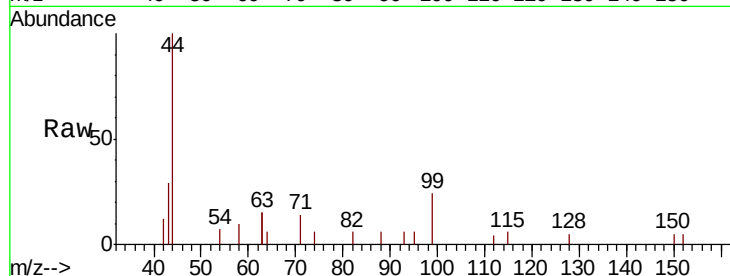
Tgt Ion: 99 Resp: 669

Ion Ratio Lower Upper

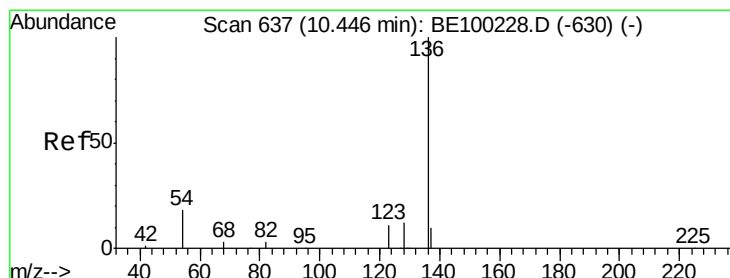
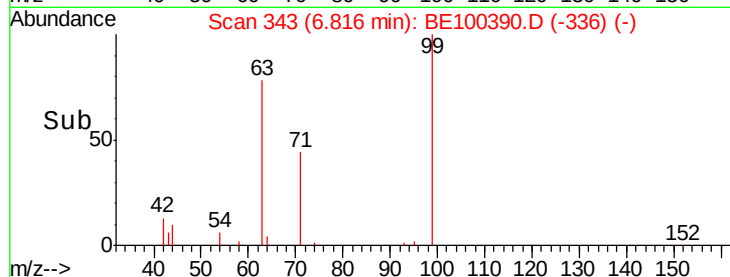
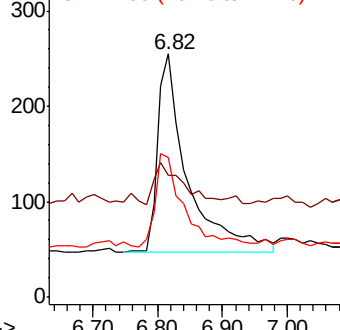
99 100

42 20.6 11.2 16.8#

71 44.2 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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.42 min Scan# 635

Delta R.T. -0.03 min

Lab File: BE100390.D

Acq: 5 Jul 2019 20:21

Tgt Ion: 136 Resp: 2492

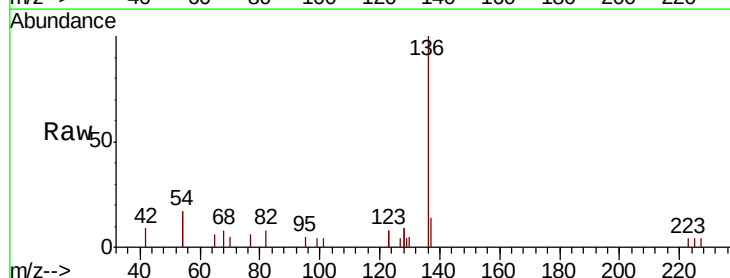
Ion Ratio Lower Upper

136 100

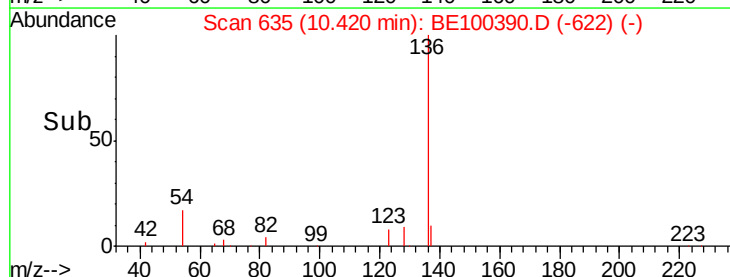
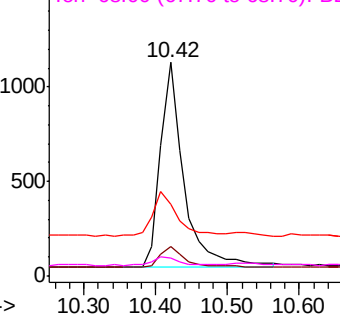
137 14.1 11.8 17.8

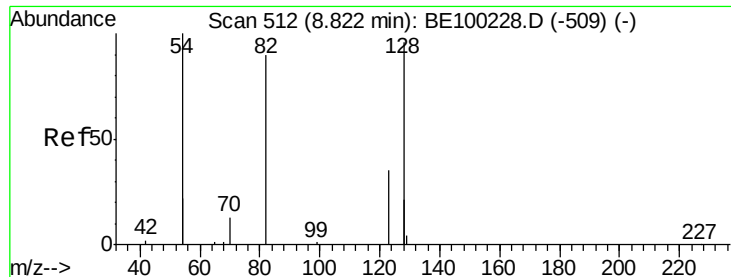
54 33.3 27.7 41.5

68 8.2 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: 0.183 ng

RT: 8.80 min Scan# 510

Delta R.T. -0.03 min

Lab File: BE100390.D

Acq: 5 Jul 2019 20:21

Instrument :

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EXT-009-SW143-062419

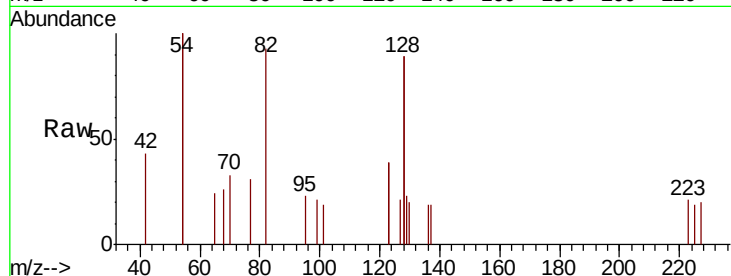
Tgt Ion: 82 Resp: 454

Ion Ratio Lower Upper

82 100

128 191.2 140.9 211.3

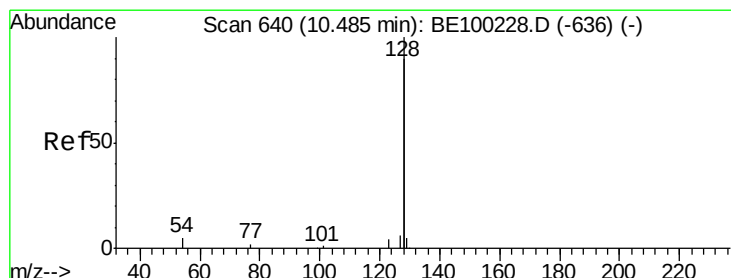
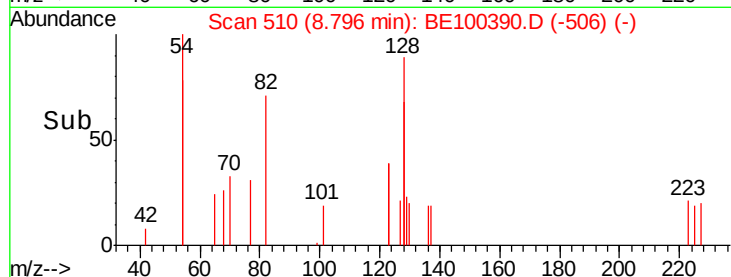
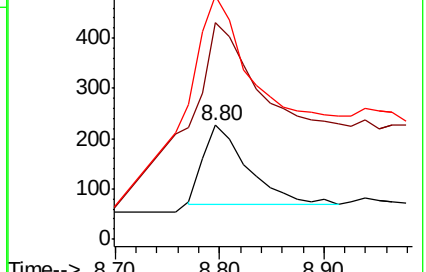
54 214.2 146.2 219.2



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: 0.035 ng

RT: 10.47 min Scan# 639

Delta R.T. -0.01 min

Lab File: BE100390.D

Acq: 5 Jul 2019 20:21

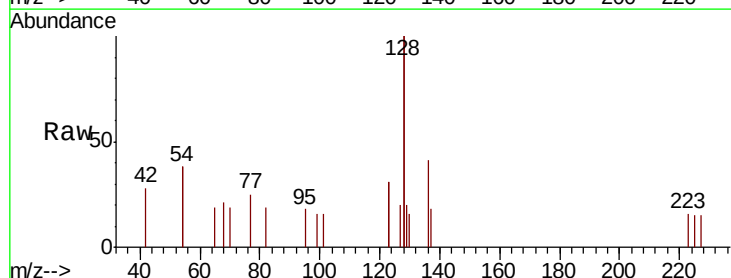
Tgt Ion: 128 Resp: 956

Ion Ratio Lower Upper

128 100

129 10.2 3.0 4.6#

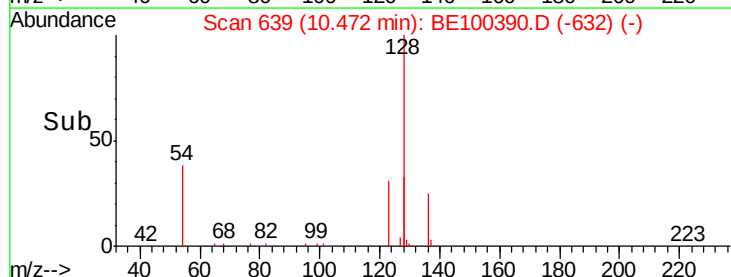
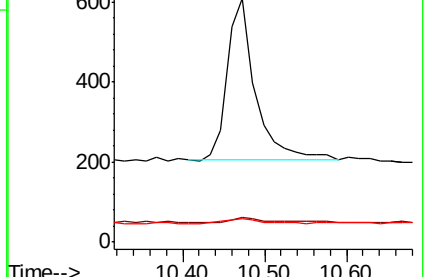
127 9.9 3.5 5.3#

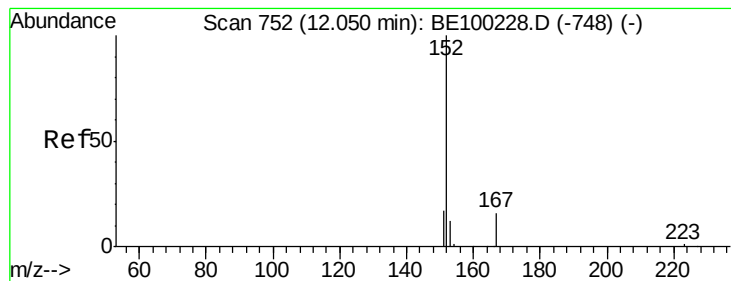


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.253 ng

RT: 12.02 min Scan# 750

Delta R.T. -0.03 min

Lab File: BE100390.D

Acq: 5 Jul 2019 20:21

Instrument :

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ClientSampleId :

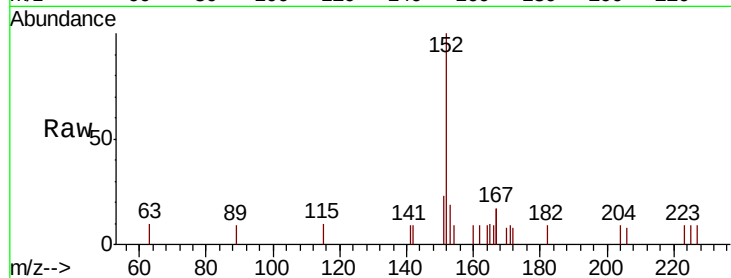
EXT-009-SW143-062419

Tgt Ion:152 Resp: 1185

Ion Ratio Lower Upper

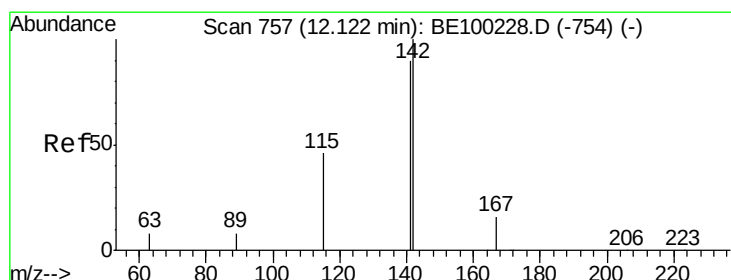
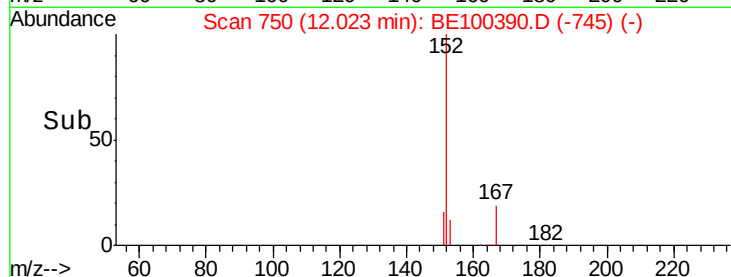
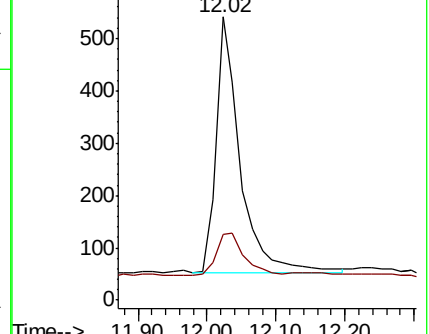
152 100

151 19.1 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: 0.030 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE100390.D

Acq: 5 Jul 2019 20:21

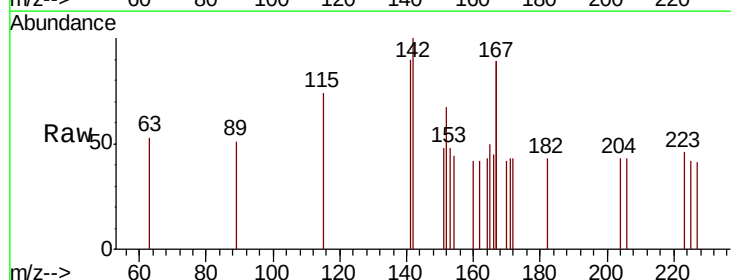
Tgt Ion:142 Resp: 147

Ion Ratio Lower Upper

142 100

141 89.7 72.4 108.6

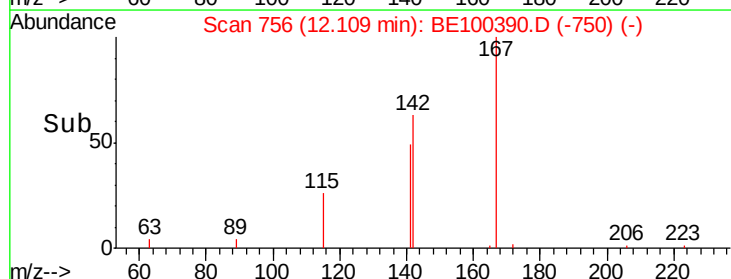
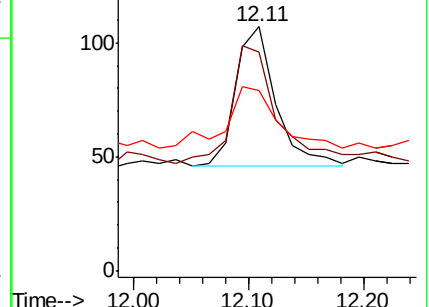
115 73.8 40.4 60.6#

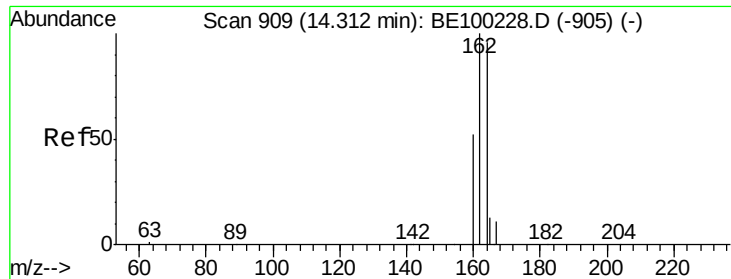


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

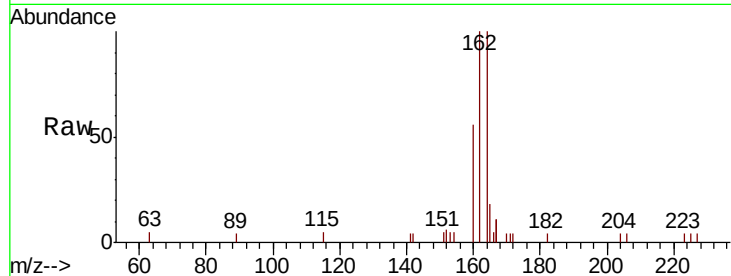




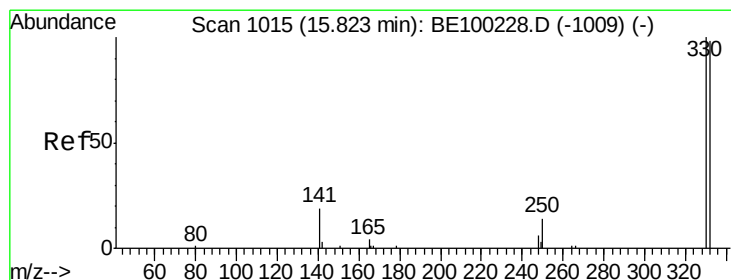
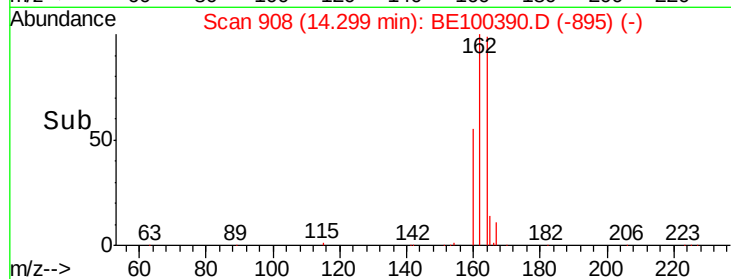
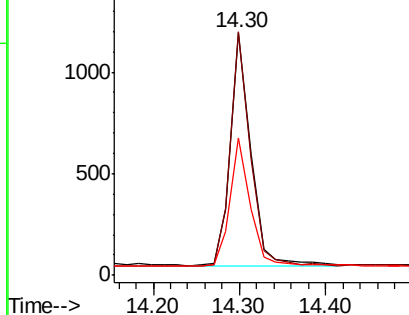
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.30 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BE100390.D
 Acq: 5 Jul 2019 20:21

Instrument :
 BNA_N
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 EXT-009-SW143-062419

Tgt Ion:164 Resp: 1858
 Ion Ratio Lower Upper
 164 100
 162 100.3 83.4 125.0
 160 56.3 45.0 67.6

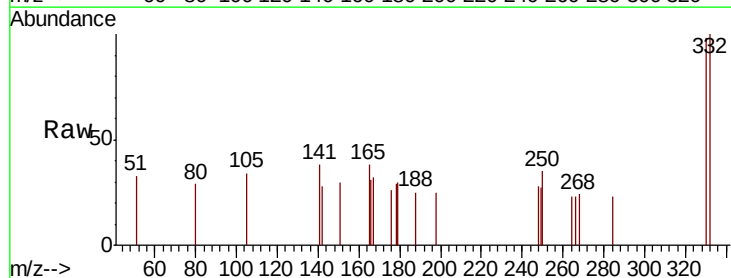


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

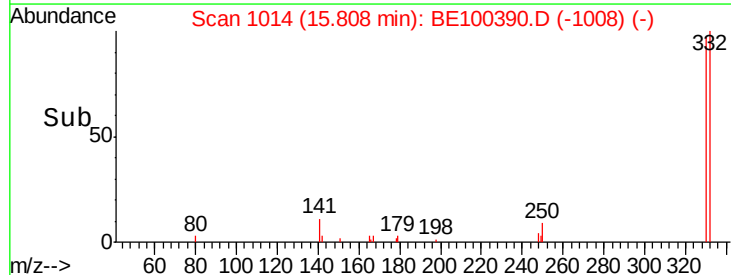
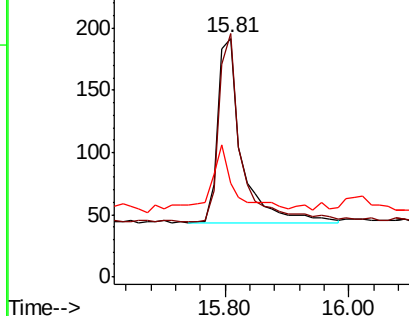


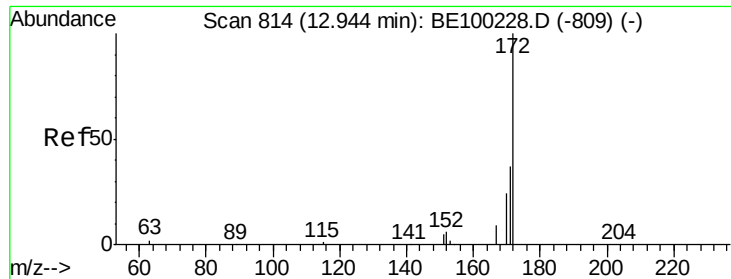
#14
 2,4,6-Tribromophenol
 Concen: 0.316 ng
 RT: 15.81 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BE100390.D
 Acq: 5 Jul 2019 20:21

Tgt Ion:330 Resp: 411
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.0 115.4
 141 27.3 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

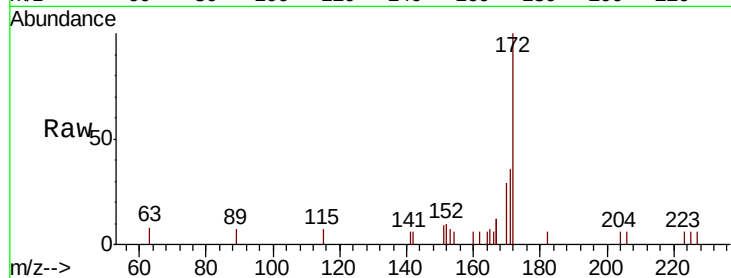




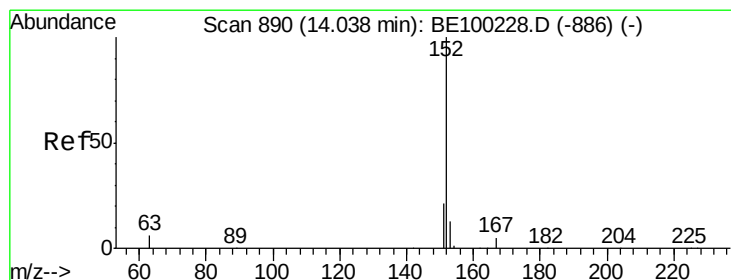
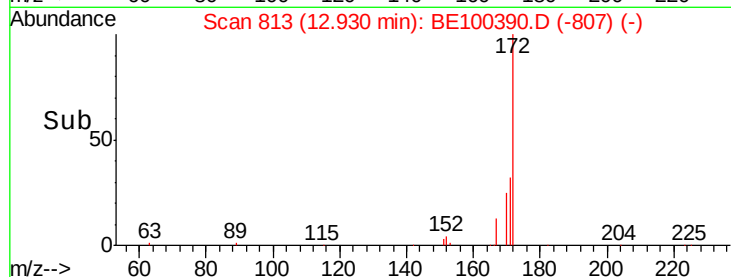
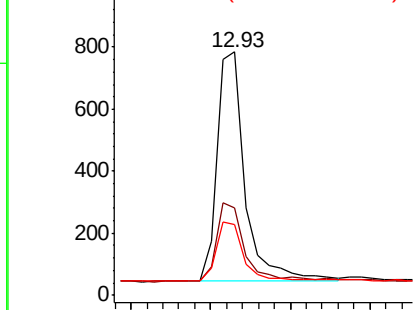
#15
2-Fluorobiphenyl
Concen: 0.247 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100390.D
Acq: 5 Jul 2019 20:21

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW143-062419

Tgt Ion:172 Resp: 1787
Ion Ratio Lower Upper
172 100
171 35.7 31.9 47.9
170 29.3 22.2 33.2

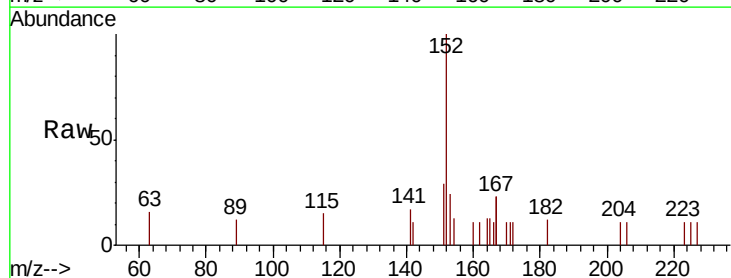


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

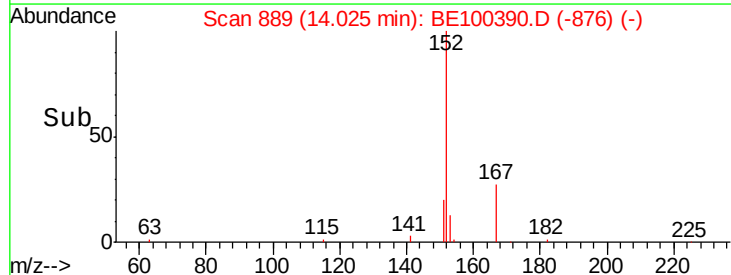
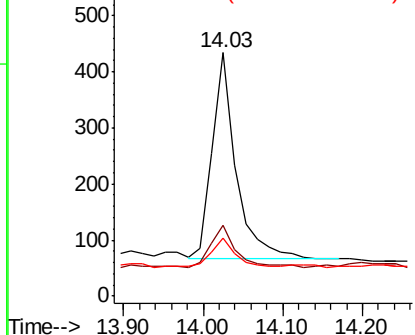


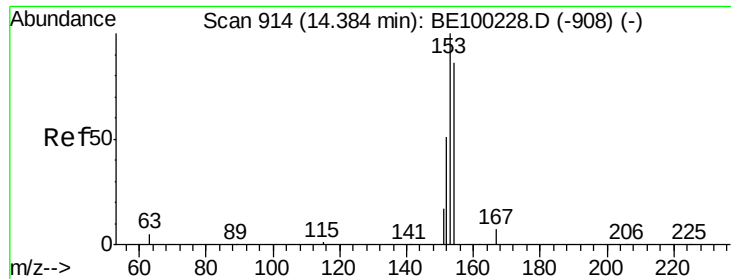
#16
Acenaphthylene
Concen: 0.086 ng
RT: 14.03 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100390.D
Acq: 5 Jul 2019 20:21

Tgt Ion:152 Resp: 769
Ion Ratio Lower Upper
152 100
151 21.5 16.6 25.0
153 12.4 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

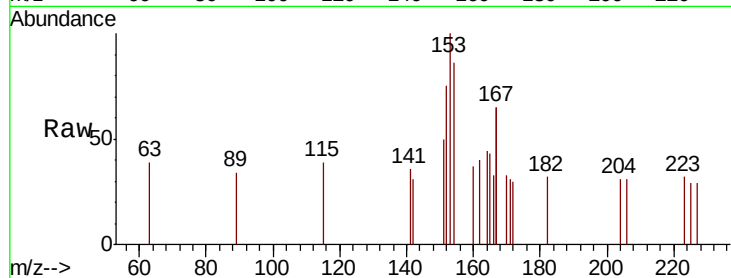




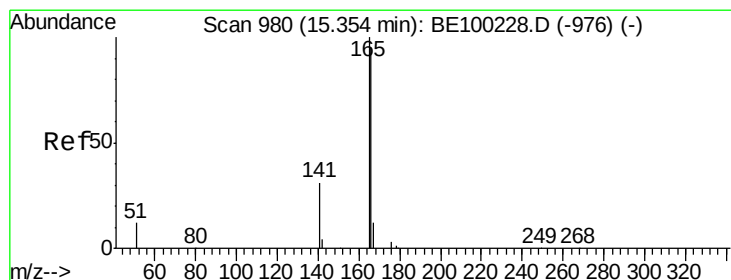
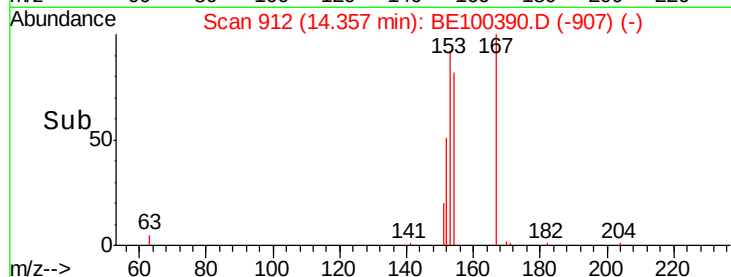
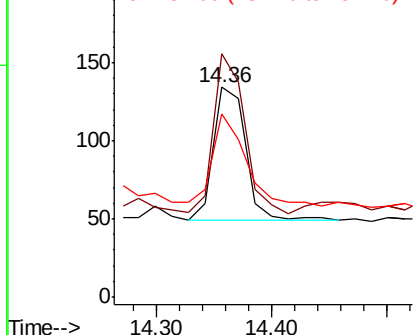
#17
Acenaphthene
Concen: 0.033 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.03 min
Lab File: BE100390.D
Acq: 5 Jul 2019 20:21

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW143-062419

Tgt Ion:154 Resp: 167
Ion Ratio Lower Upper
154 100
153 115.0 93.4 140.2
152 71.9 49.4 74.2

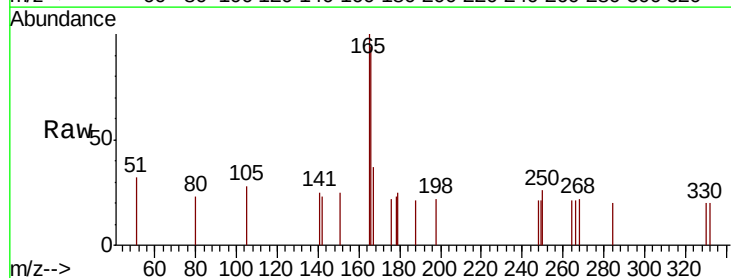


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

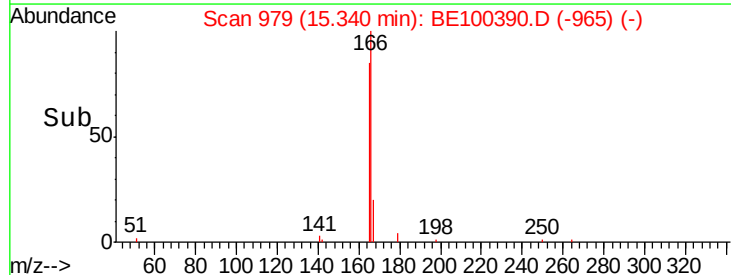
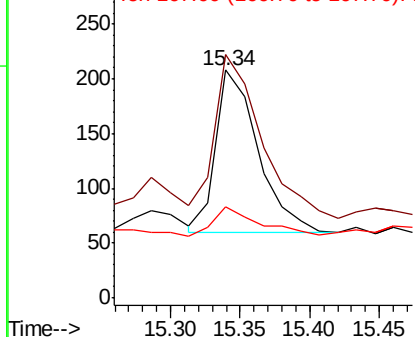


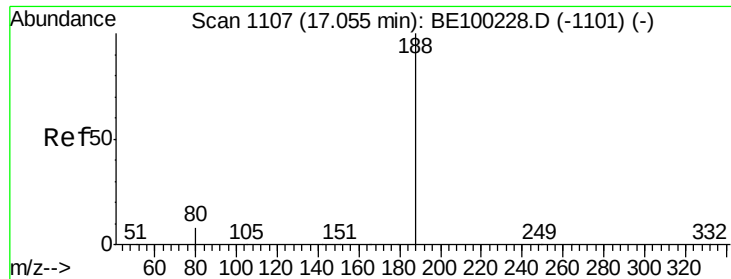
#18
Fluorene
Concen: 0.041 ng
RT: 15.34 min Scan# 979
Delta R.T. -0.01 min
Lab File: BE100390.D
Acq: 5 Jul 2019 20:21

Tgt Ion:166 Resp: 309
Ion Ratio Lower Upper
166 100
165 113.3 81.1 121.7
167 20.4 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

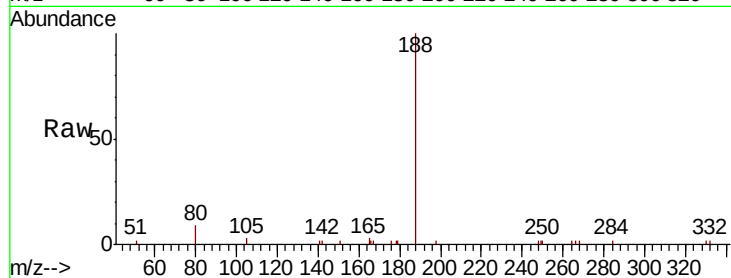




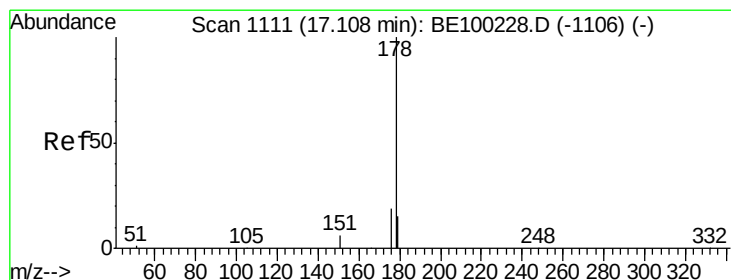
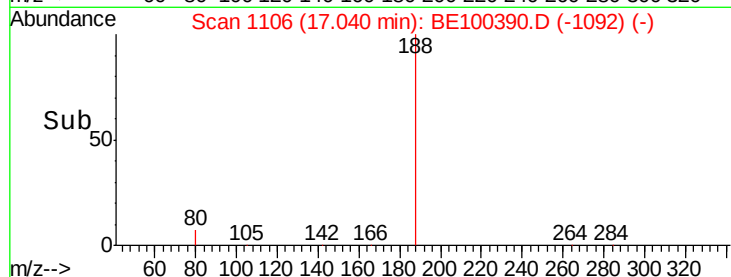
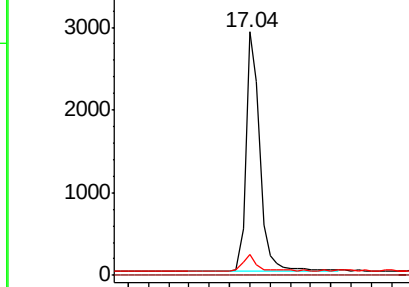
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BE100390.D
Acq: 5 Jul 2019 20:21

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW143-062419

Tgt Ion:188 Resp: 5452
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 7.6 11.4

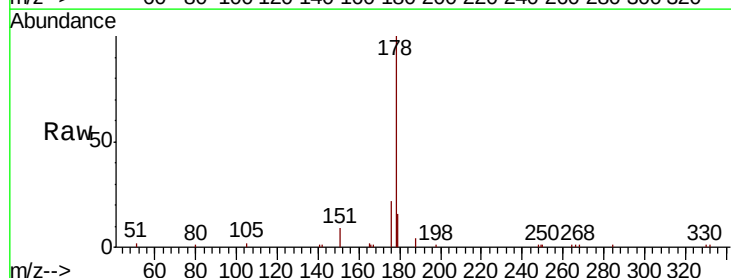


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

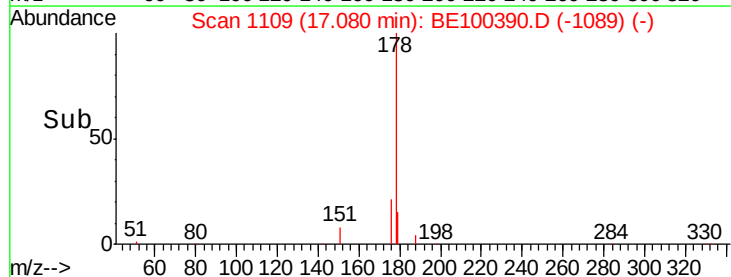
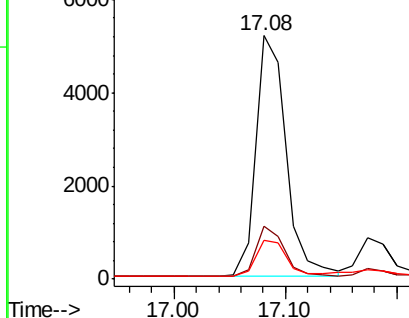


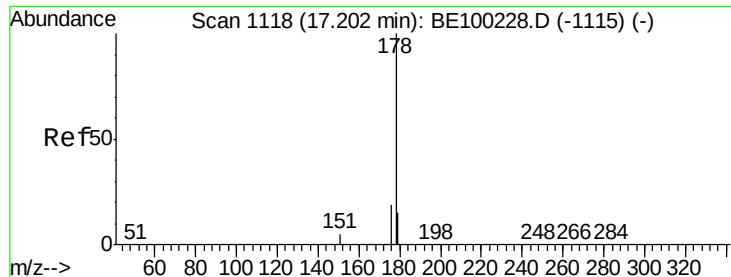
#23
Phenanthrene
Concen: 0.742 ng
RT: 17.08 min Scan# 1109
Delta R.T. -0.03 min
Lab File: BE100390.D
Acq: 5 Jul 2019 20:21

Tgt Ion:178 Resp: 9800
Ion Ratio Lower Upper
178 100
176 19.6 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: 0.125 ng

RT: 17.17 min Scan# 1116

Delta R.T. -0.03 min

Lab File: BE100390.D

Acq: 5 Jul 2019 20:21

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW143-062419

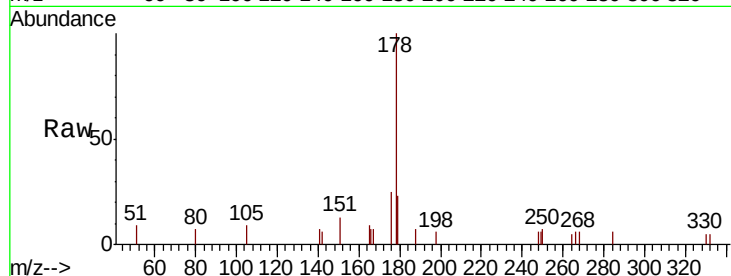
Tgt Ion:178 Resp: 1490

Ion Ratio Lower Upper

178 100

176 20.6 15.3 22.9

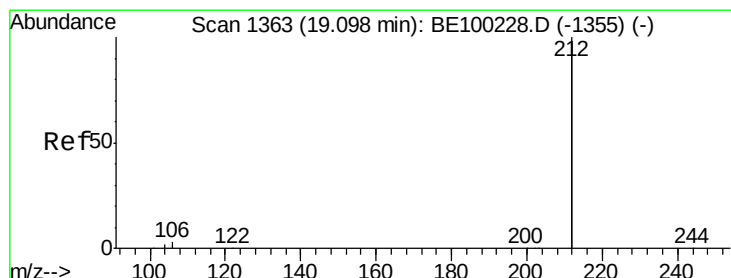
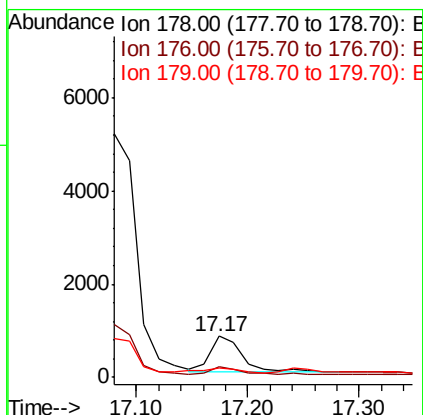
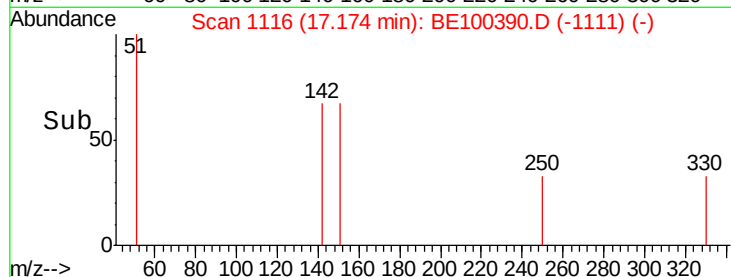
179 15.2 12.2 18.2



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: 0.227 ng

RT: 19.08 min Scan# 1360

Delta R.T. -0.02 min

Lab File: BE100390.D

Acq: 5 Jul 2019 20:21

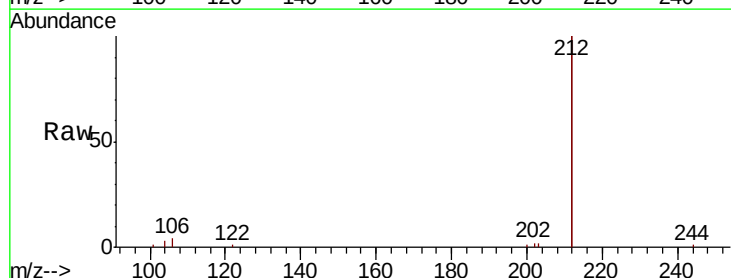
Tgt Ion:212 Resp: 17989

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

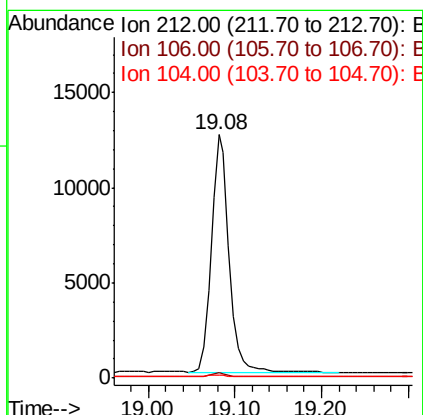
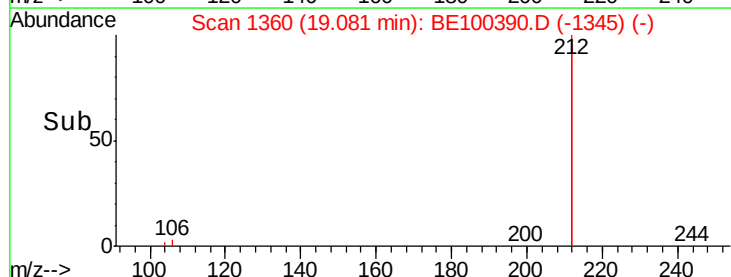
104 0.8 0.8 1.2

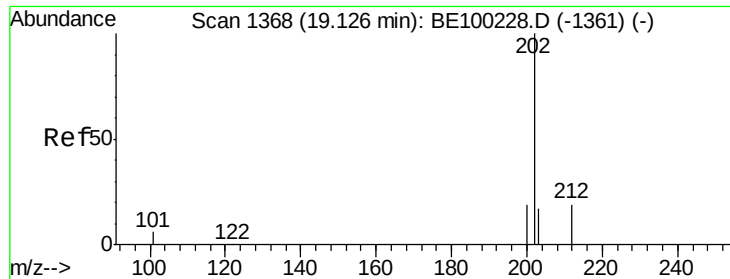


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

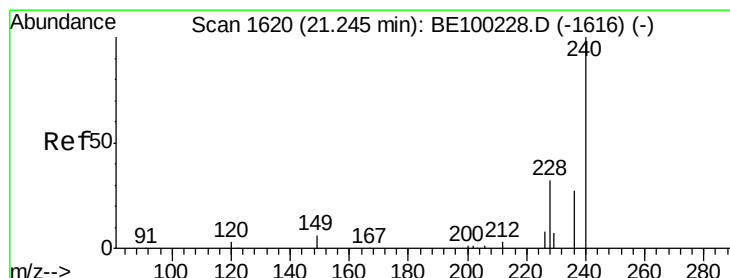
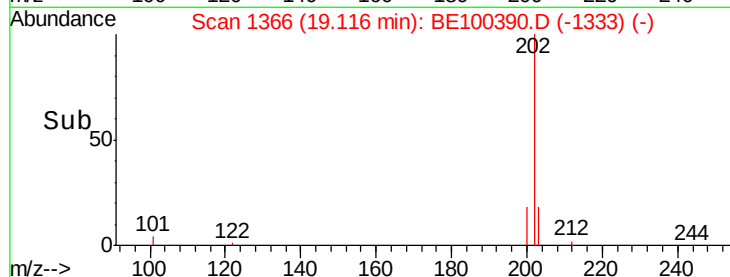
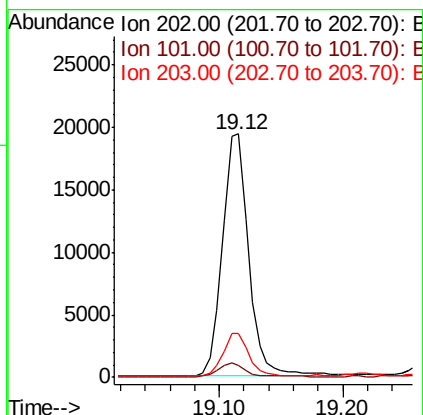
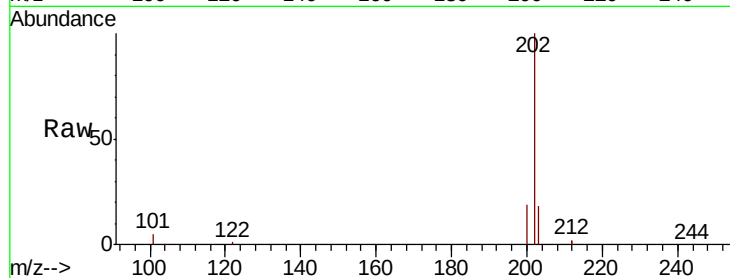




#26
 Fluoranthene
 Concen: 1.356 ng
 RT: 19.12 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BE100390.D
 Acq: 5 Jul 2019 20:21

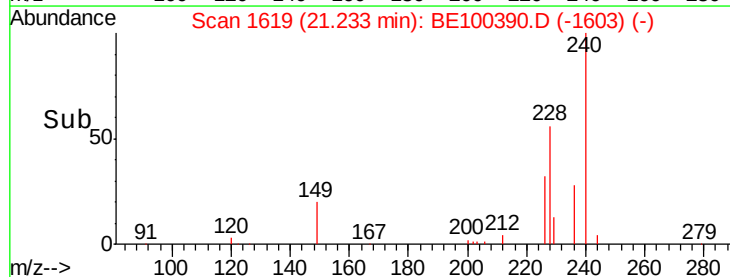
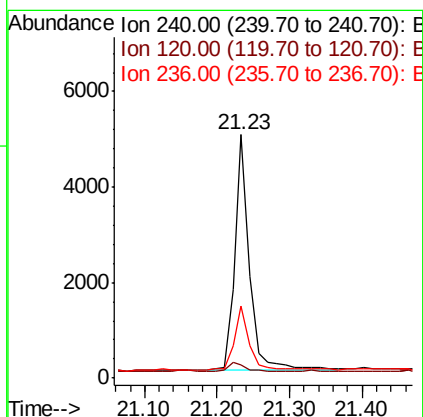
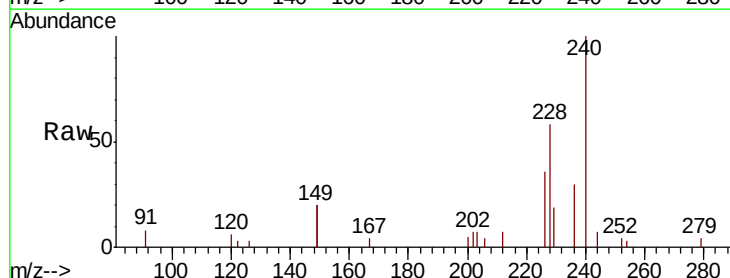
Instrument :
 BNA_N
 ClientSampleId :
 EXT-009-SW143-062419

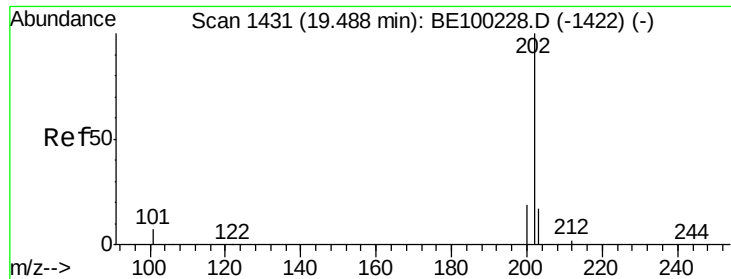
Tgt Ion: 202 Resp: 28543
 Ion Ratio Lower Upper
 202 100
 101 5.4 4.6 7.0
 203 17.1 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.23 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BE100390.D
 Acq: 5 Jul 2019 20:21

Tgt Ion: 240 Resp: 7101
 Ion Ratio Lower Upper
 240 100
 120 5.6 3.3 4.9#
 236 29.7 22.6 34.0

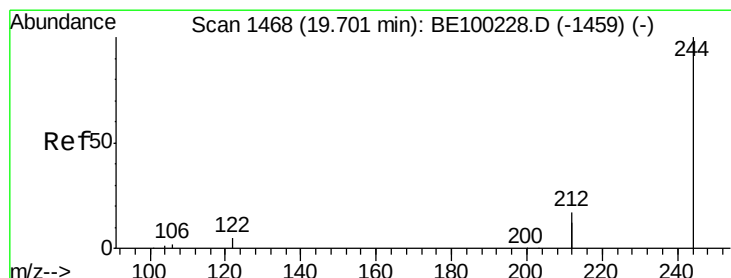
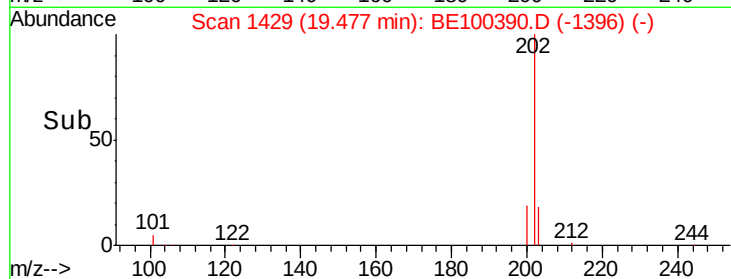
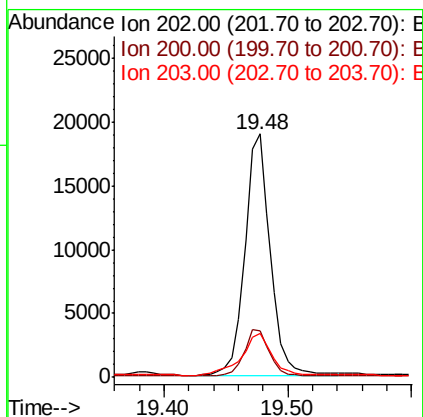
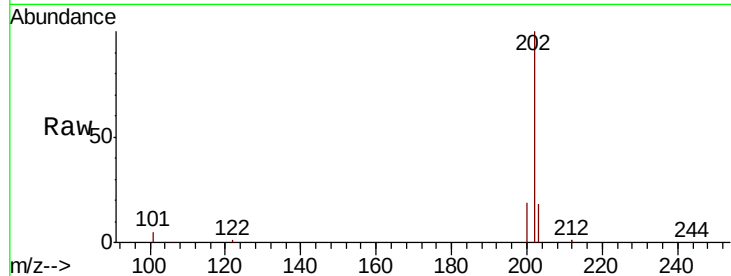




#28
 Pyrene
 Concen: 1.442 ng
 RT: 19.48 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BE100390.D
 Acq: 5 Jul 2019 20:21

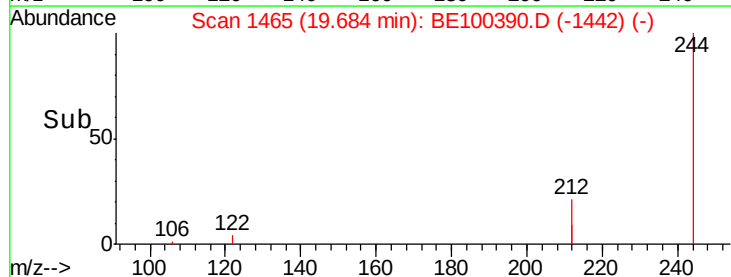
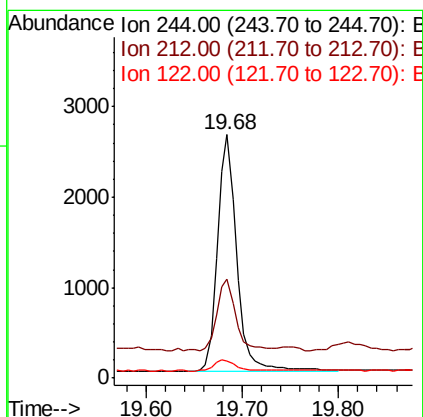
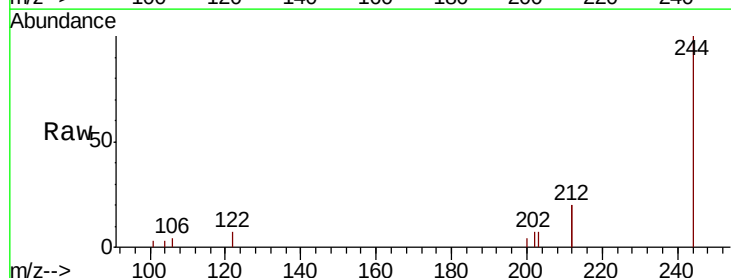
Instrument :
 BNA_N
 ClientSampleId :
 EXT-009-SW143-062419

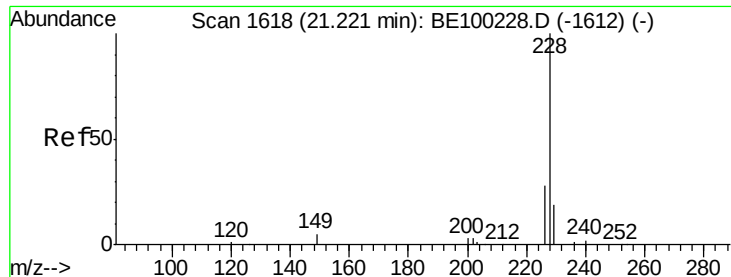
Tgt Ion: 202 Resp: 27104
 Ion Ratio Lower Upper
 202 100
 200 19.8 15.6 23.4
 203 20.4 14.0 21.0



#29
 Terphenyl-d14
 Concen: 0.250 ng
 RT: 19.68 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BE100390.D
 Acq: 5 Jul 2019 20:21

Tgt Ion: 244 Resp: 3677
 Ion Ratio Lower Upper
 244 100
 212 40.8 27.3 40.9
 122 7.2 4.7 7.1#





#30

Benzo(a)anthracene

Concen: 0.675 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100390.D

Acq: 5 Jul 2019 20:21

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW143-062419

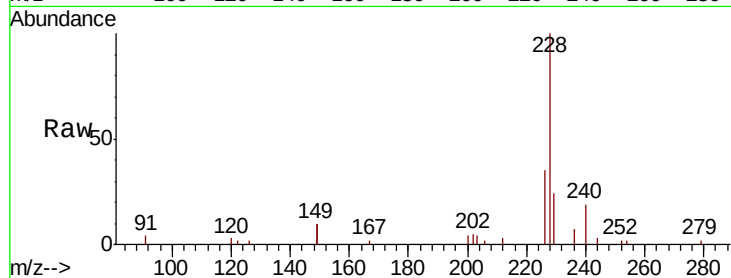
Tgt Ion:228 Resp: 15763

Ion Ratio Lower Upper

228 100

226 34.7 23.2 34.8

229 23.8 15.7 23.5#

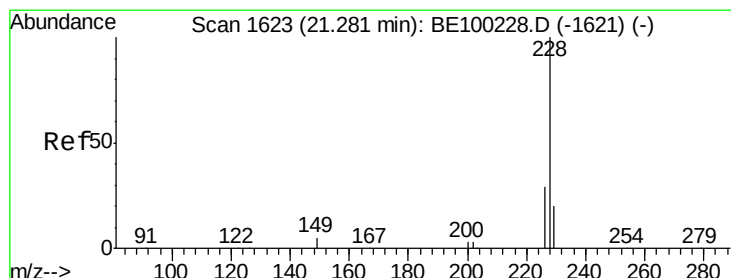
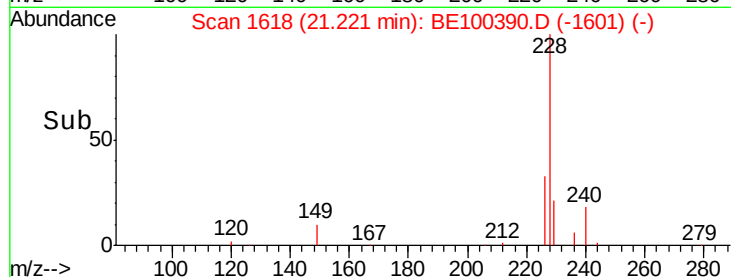
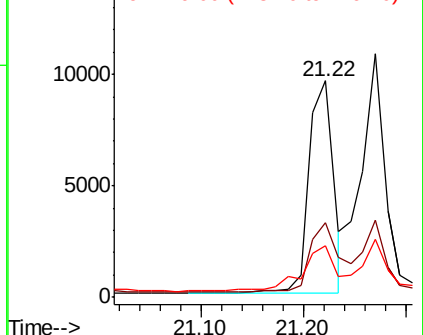


Abundance

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: 0.629 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE100390.D

Acq: 5 Jul 2019 20:21

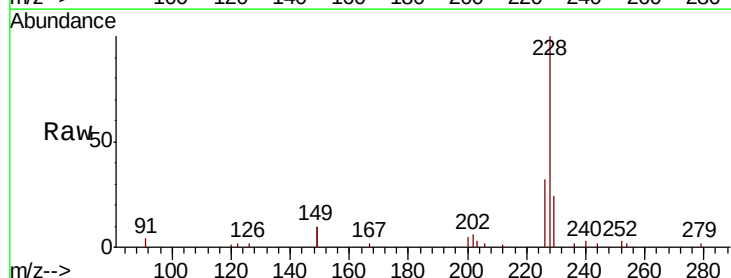
Tgt Ion:228 Resp: 14749

Ion Ratio Lower Upper

228 100

226 31.9 23.9 35.9

229 24.0 16.5 24.7

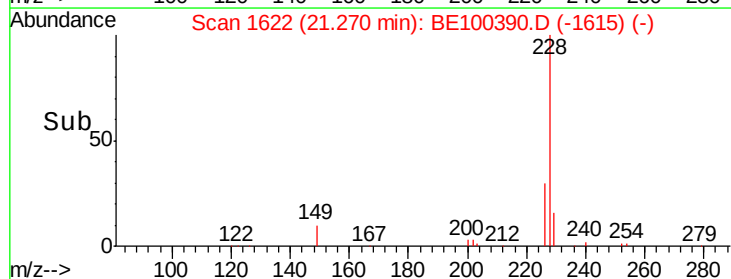
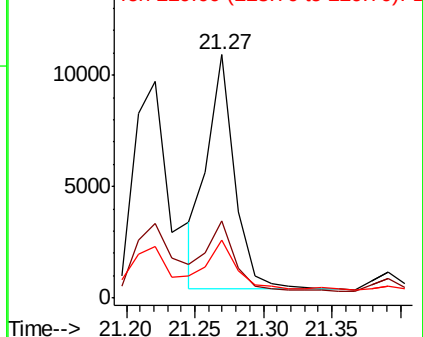


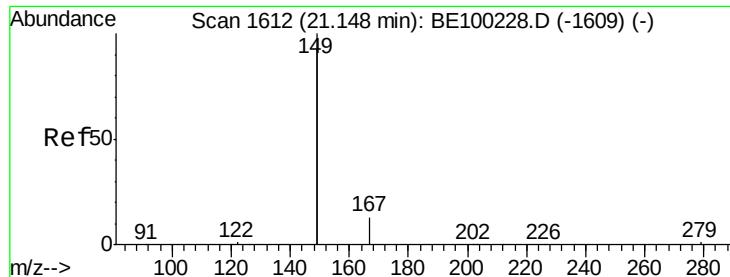
Abundance

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: 0.210 ng

RT: 21.14 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BE100390.D

Acq: 5 Jul 2019 20:21

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW143-062419

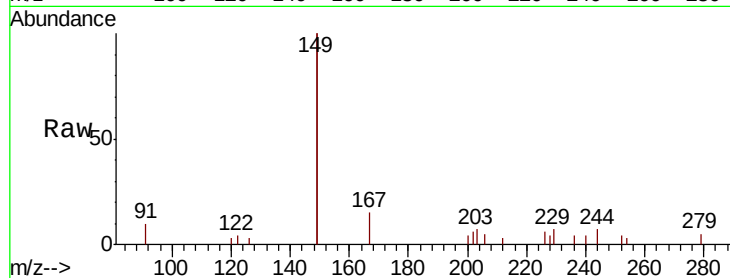
Tgt Ion:149 Resp: 8825

Ion Ratio Lower Upper

149 100

167 7.4 5.8 8.8

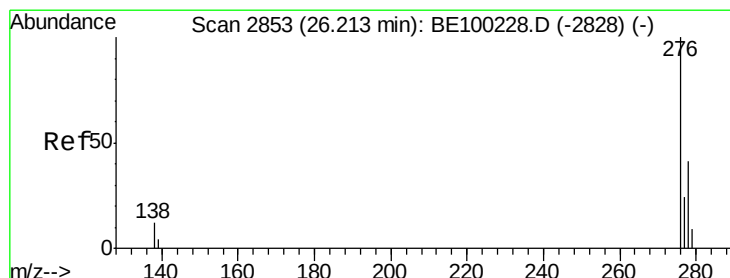
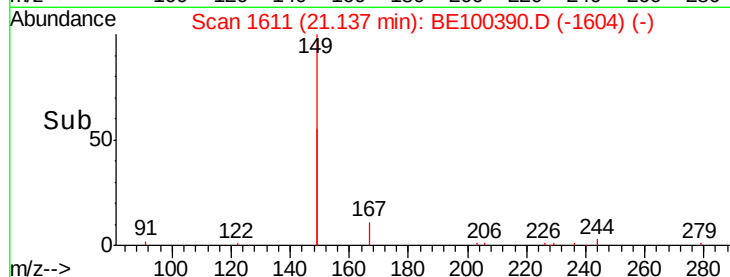
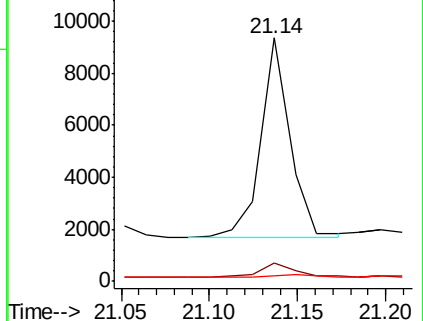
279 2.0 1.1 1.7#



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: 0.377 ng

RT: 26.20 min Scan# 2848

Delta R.T. -0.02 min

Lab File: BE100390.D

Acq: 5 Jul 2019 20:21

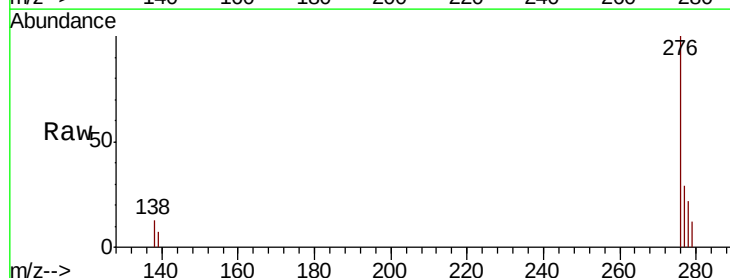
Tgt Ion:276 Resp: 11699

Ion Ratio Lower Upper

276 100

138 4.3 9.4 14.0#

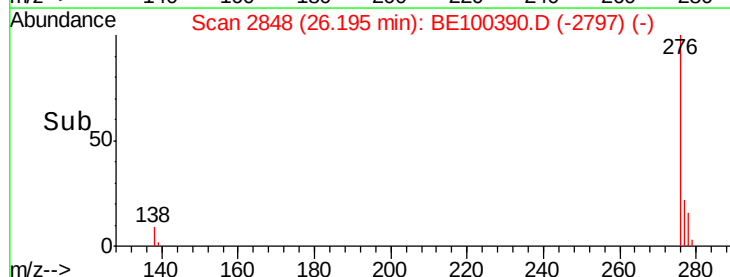
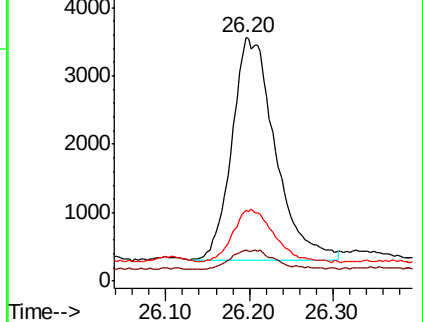
277 22.0 19.2 28.8

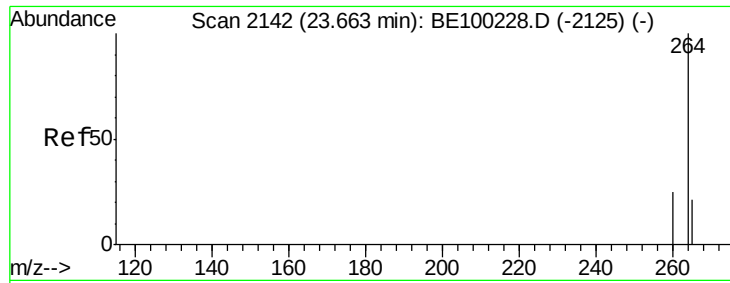


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

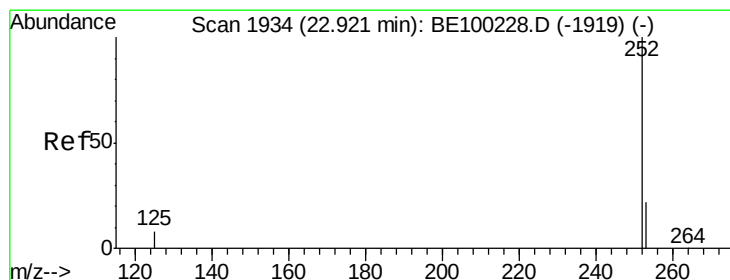
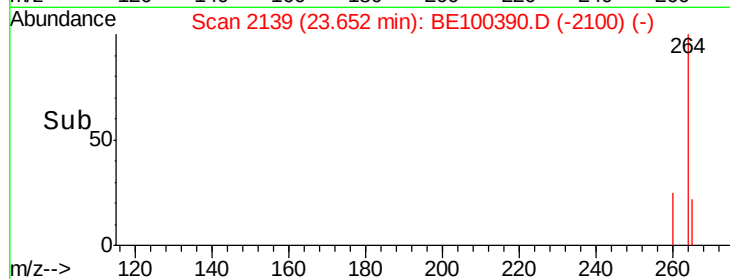
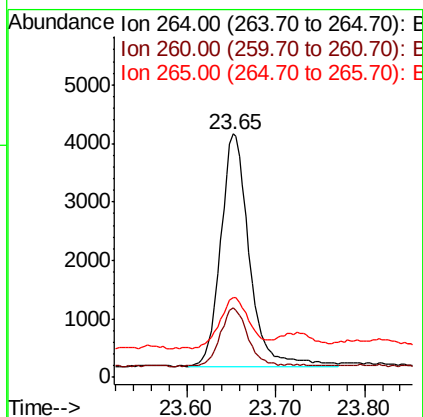
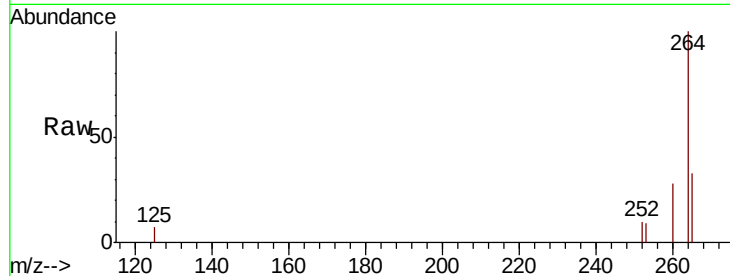




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.65 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BE100390.D
 Acq: 5 Jul 2019 20:21

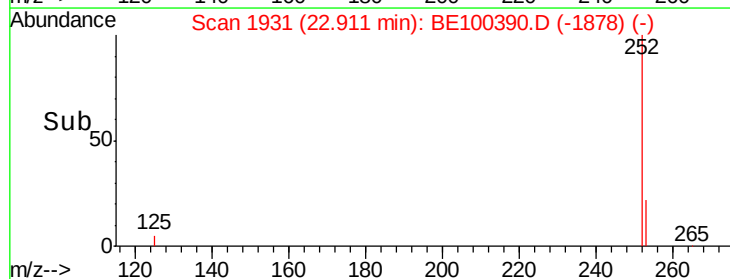
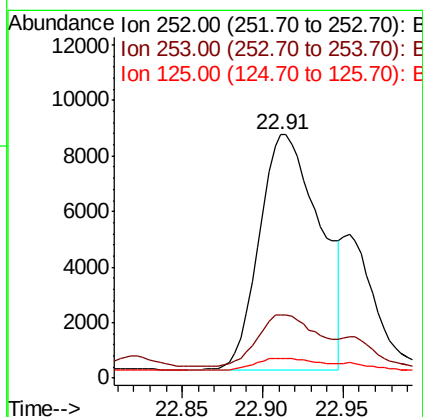
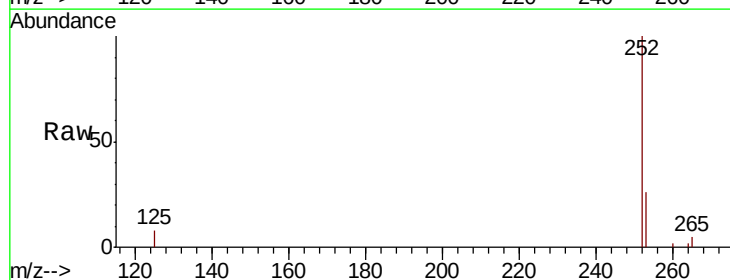
Instrument :
 BNA_N
 ClientSampleId :
 EXT-009-SW143-062419

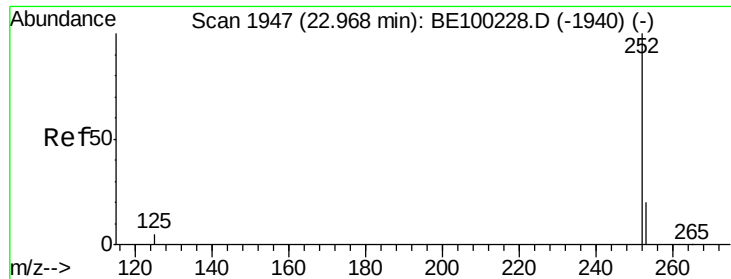
Tgt Ion: 264 Resp: 8875
 Ion Ratio Lower Upper
 264 100
 260 28.4 20.8 31.2
 265 32.7 21.8 32.6#



#35
 Benzo(b)fluoranthene
 Concen: 0.924 ng
 RT: 22.91 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BE100390.D
 Acq: 5 Jul 2019 20:21

Tgt Ion: 252 Resp: 22240
 Ion Ratio Lower Upper
 252 100
 253 25.7 19.2 28.8
 125 8.1 7.4 11.0





#36

Benzo(k)fluoranthene

Concen: 0.828 ng

RT: 22.91 min Scan# 1931

Delta R.T. -0.06 min

Lab File: BE100390.D

Acq: 5 Jul 2019 20:21

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW143-062419

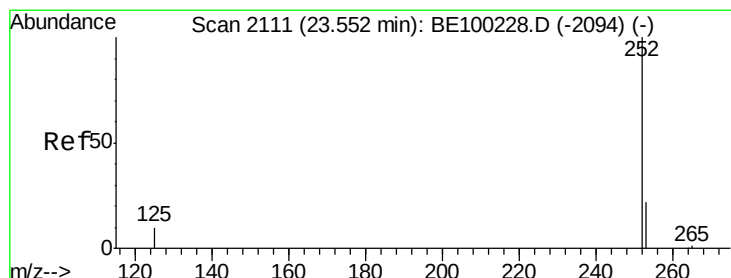
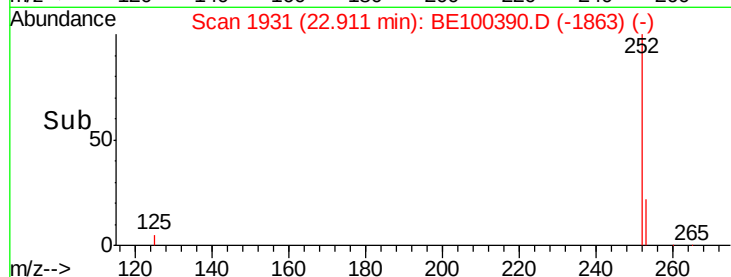
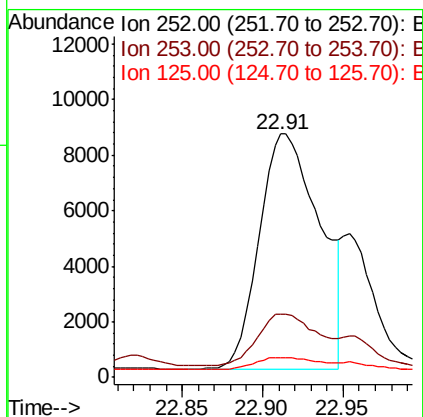
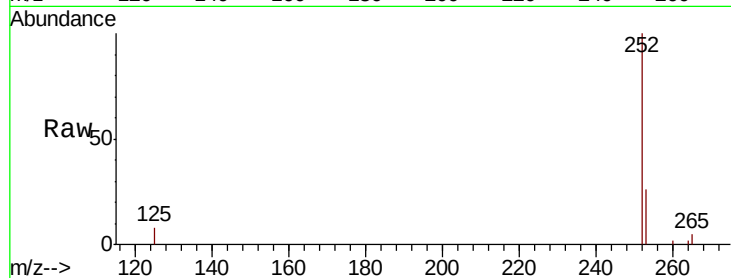
Tgt Ion:252 Resp: 22240

Ion Ratio Lower Upper

252 100

253 25.7 17.9 26.9

125 8.1 5.0 7.4#



#37

Benzo(a)pyrene

Concen: 0.632 ng

RT: 23.54 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BE100390.D

Acq: 5 Jul 2019 20:21

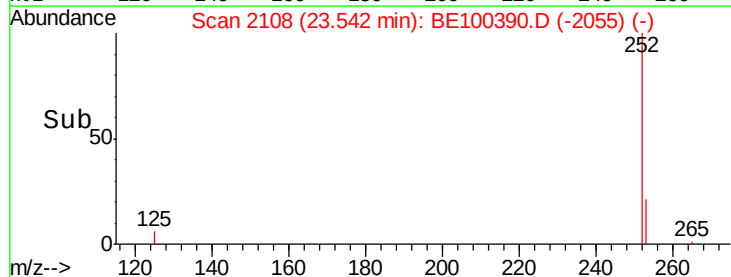
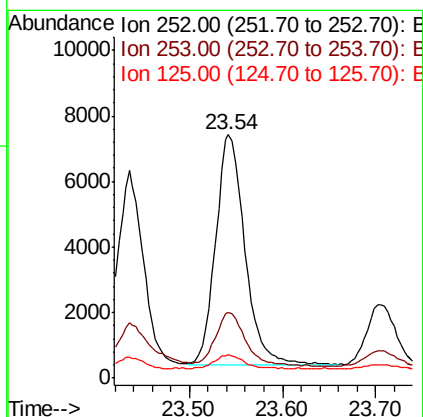
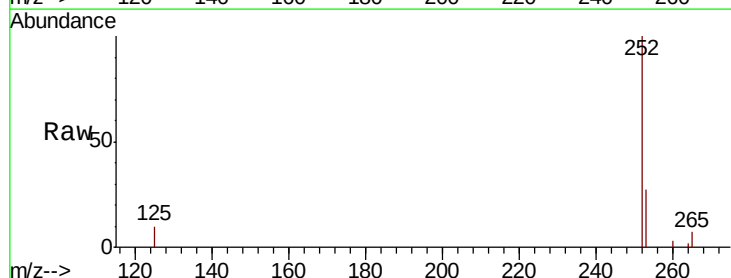
Tgt Ion:252 Resp: 15234

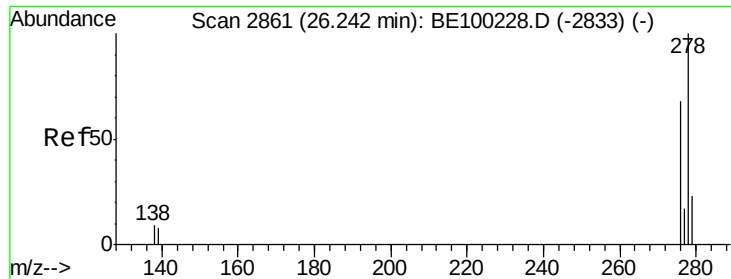
Ion Ratio Lower Upper

252 100

253 27.1 19.6 29.4

125 9.6 9.0 13.6





#38

Dibenzo(a,h)anthracene

Concen: 0.106 ng

RT: 26.21 min Scan# 2853

Delta R.T. -0.03 min

Lab File: BE100390.D

Acq: 5 Jul 2019 20:21

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW143-062419

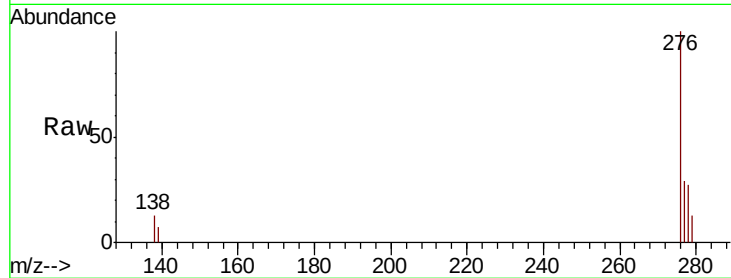
Tgt Ion: 278 Resp: 2671

Ion Ratio Lower Upper

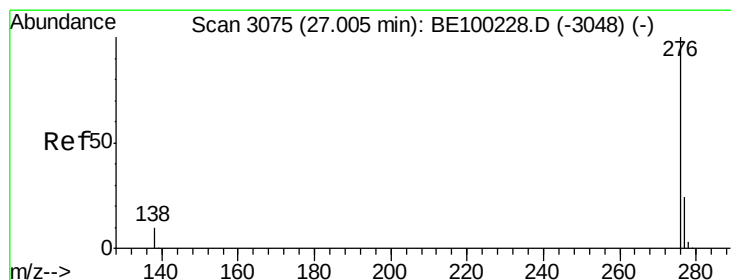
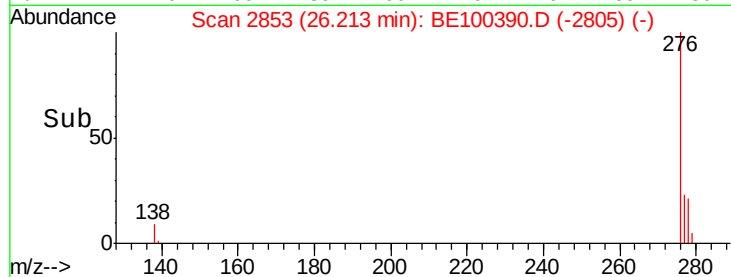
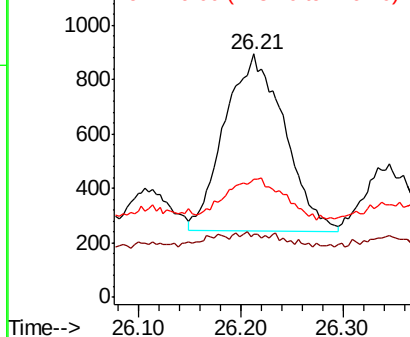
278 100

139 26.1 8.2 12.2#

279 48.7 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: 0.513 ng

RT: 26.99 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BE100390.D

Acq: 5 Jul 2019 20:21

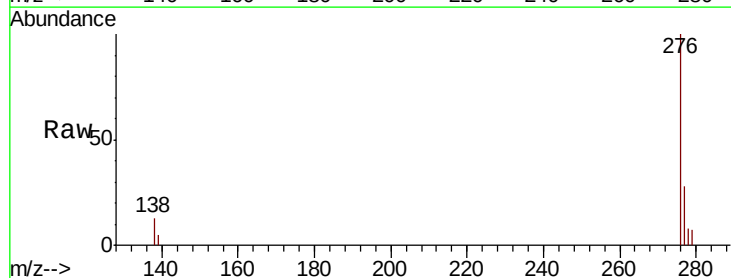
Tgt Ion: 276 Resp: 13267

Ion Ratio Lower Upper

276 100

277 28.2 20.2 30.2

138 13.0 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

