

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
 Data File : BE100285.D
 Acq On : 2 Jul 2019 4:10
 Operator : JU/SJ
 Sample : K3445-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-008-SW116-061719

Quant Time: Jul 02 07:00:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1036	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	3578	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	2644	0.40	ng	0.01
19) Phenanthrene-d10	17.07	188	7252	0.40	ng	0.01
27) Chrysene-d12	21.25	240	9507	0.40	ng	0.00
34) Perylene-d12	23.68	264	11000	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	850	0.32	ng	0.00
5) Phenol-d6	6.84	99	1173	0.34	ng	0.00
8) Nitrobenzene-d5	8.81	82	1261	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	2397	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	608	0.33	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	3161	0.31	ng	0.00
25) Fluoranthene-d10	19.10	212	34751	0.33	ng	0.00
29) Terphenyl-d14	19.70	244	6034	0.31	ng	0.00

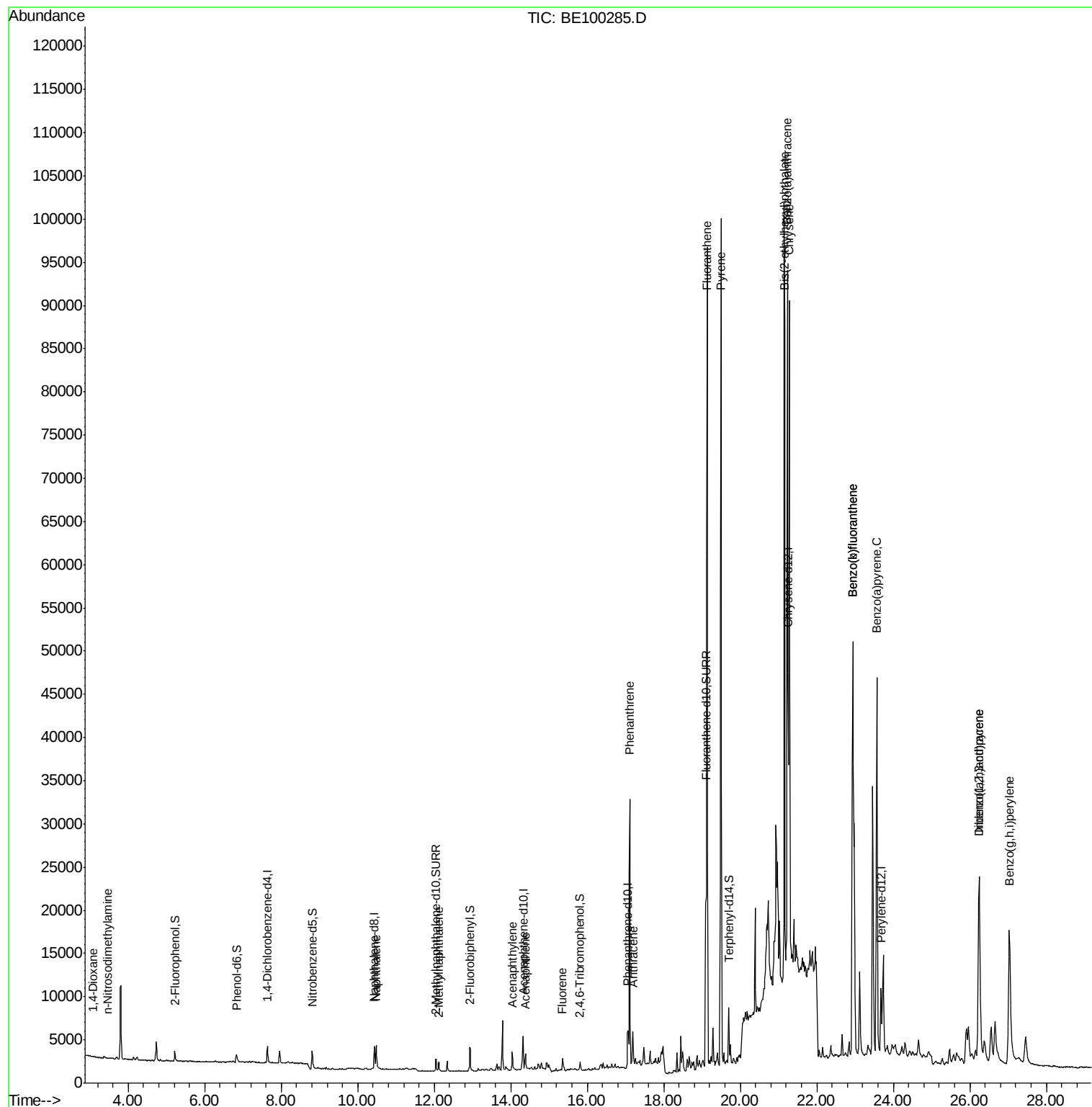
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.07	88	36	0.022	ng	# 1
3) n-Nitrosodimethylamine	3.46	42	21	0.028	ng	# 1
9) Naphthalene	10.48	128	4777	0.121	ng	98
12) 2-Methylnaphthalene	12.12	142	892	0.129	ng	97
16) Acenaphthylene	14.04	152	2891	0.228	ng	99
17) Acenaphthene	14.38	154	882	0.123	ng	93
18) Fluorene	15.35	166	1347	0.127	ng	# 90
23) Phenanthrene	17.11	178	35027	1.993	ng	99
24) Anthracene	17.20	178	5344	0.338	ng	97
26) Fluoranthene	19.13	202	90938	3.248	ng	99
28) Pyrene	19.49	202	93671	3.722	ng	# 96
30) Benzo(a)anthracene	21.23	228	71647	2.292	ng	96
31) Chrysene	21.28	228	66336	2.113	ng	96
32) Bis(2-ethylhexyl)phthalate	21.15	149	117525	2.602	ng	100
33) Indeno(1,2,3-cd)pyrene	26.24	276	47098	1.134	ng	# 96
35) Benzo(b)fluoranthene	22.94	252	91213	3.058	ng	# 98
36) Benzo(k)fluoranthene	22.94	252	91213	2.740	ng	96
37) Benzo(a)pyrene	23.57	252	67260	2.250	ng	# 97
38) Dibenzo(a,h)anthracene	26.25	278	11314	0.362	ng	# 82
39) Benzo(g,h,i)perylene	27.03	276	47247	1.473	ng	99

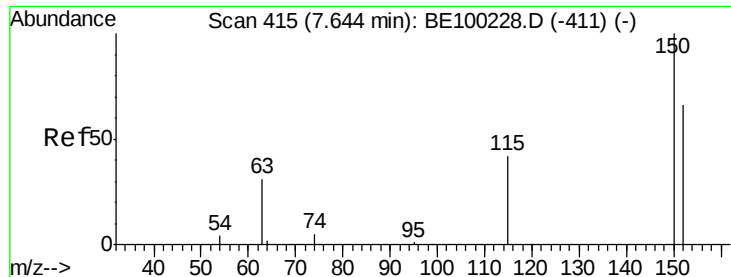
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 28 14:06:53 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.64 min Scan# 415

Delta R.T. -0.00 min

Lab File: BE100285.D

Acq: 2 Jul 2019 4:10

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW116-061719

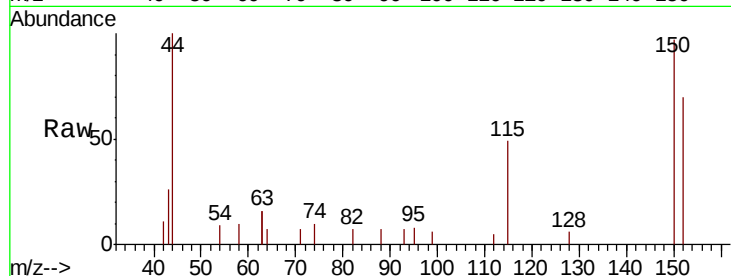
Tgt Ion: 152 Resp: 1036

Ion Ratio Lower Upper

152 100

150 138.3 114.5 171.7

115 70.3 57.1 85.7

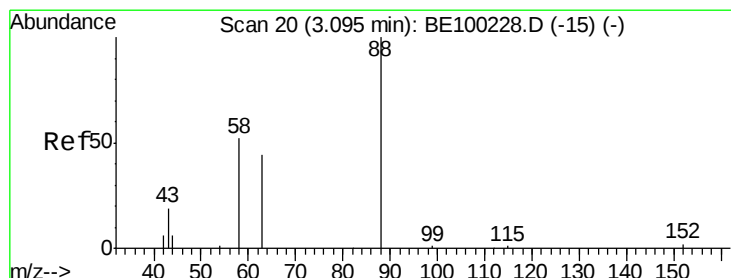
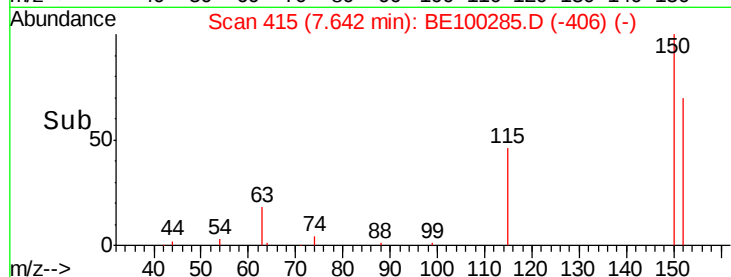
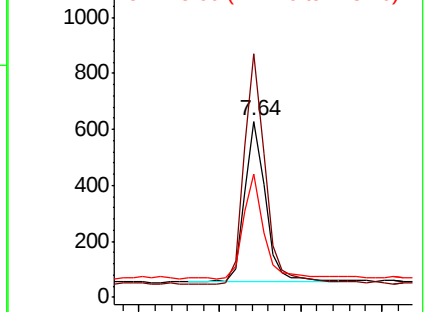


Abundance

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: 0.022 ng

RT: 3.07 min Scan# 18

Delta R.T. -0.02 min

Lab File: BE100285.D

Acq: 2 Jul 2019 4:10

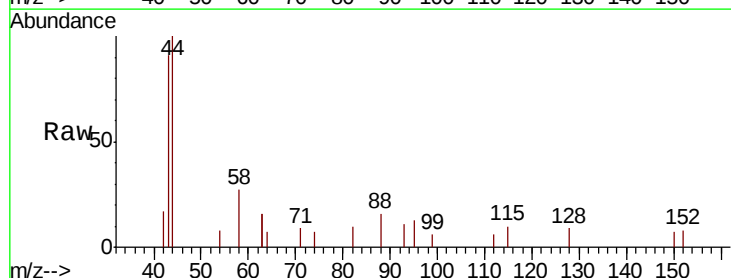
Tgt Ion: 88 Resp: 36

Ion Ratio Lower Upper

88 100

58 0.0 43.6 65.4#

43 116.7 21.4 32.0#

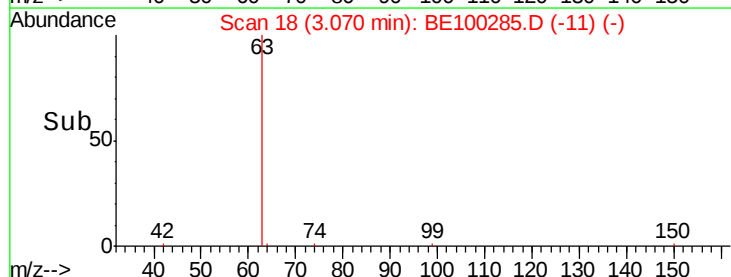
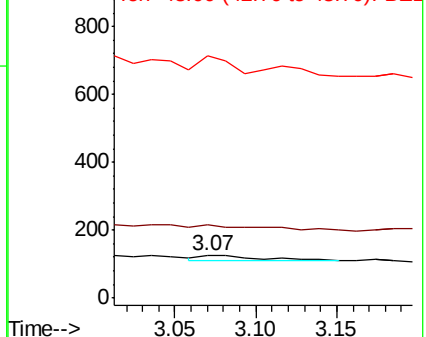


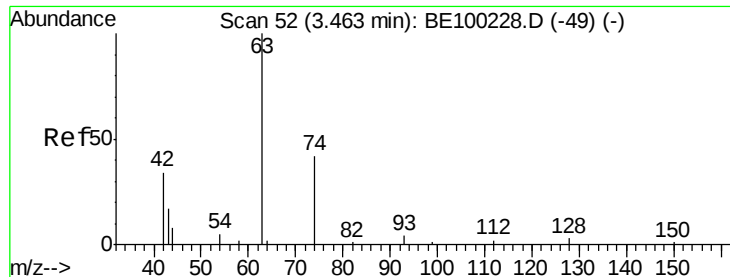
Abundance

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: 0.028 ng

RT: 3.46 min Scan# 52

Delta R.T. -0.00 min

Lab File: BE100285.D

Acq: 2 Jul 2019 4:10

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW116-061719

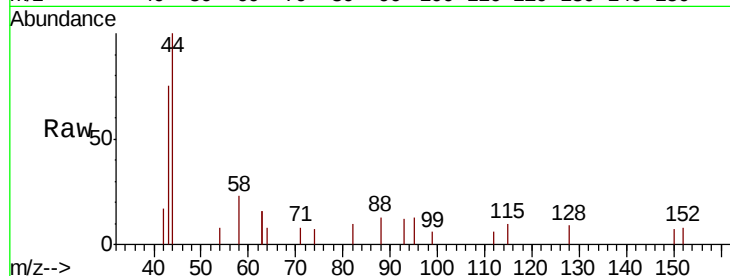
Tgt Ion: 42 Resp: 21

Ion Ratio Lower Upper

42 100

74 14.3 130.6 196.0#

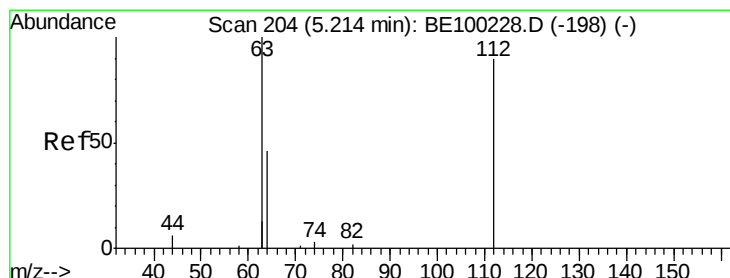
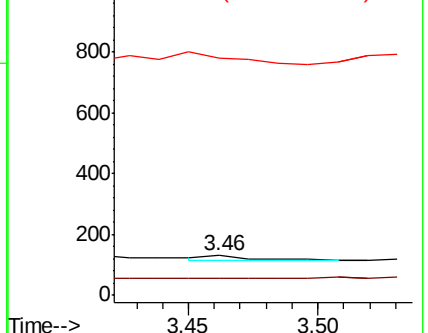
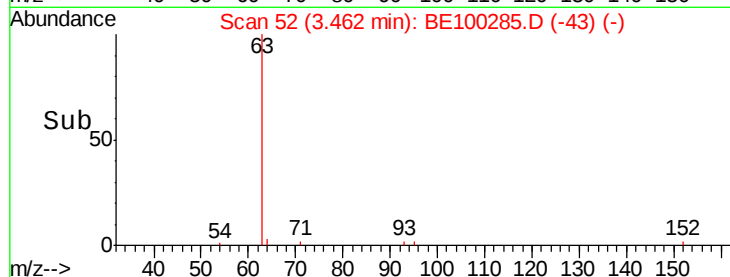
44 0.0 38.0 57.0#



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: 0.322 ng

RT: 5.22 min Scan# 205

Delta R.T. 0.01 min

Lab File: BE100285.D

Acq: 2 Jul 2019 4:10

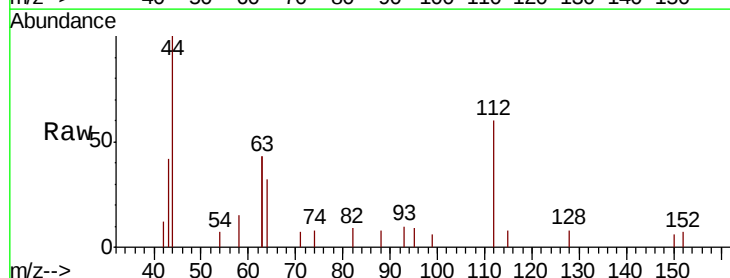
Tgt Ion: 112 Resp: 850

Ion Ratio Lower Upper

112 100

64 59.8 39.4 59.0#

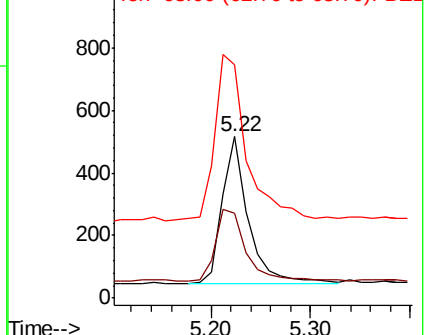
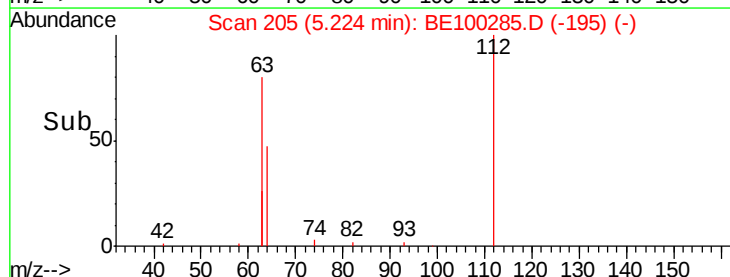
63 141.6 104.5 156.7

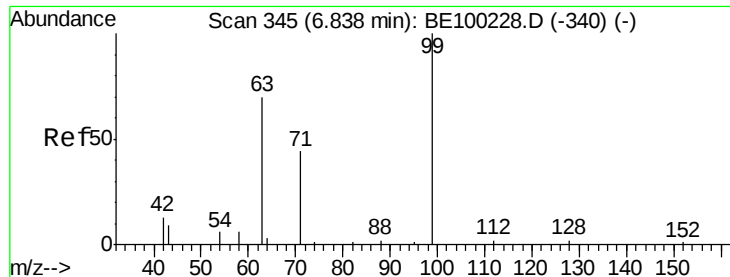


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.337 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE100285.D

Acq: 2 Jul 2019 4:10

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW116-061719

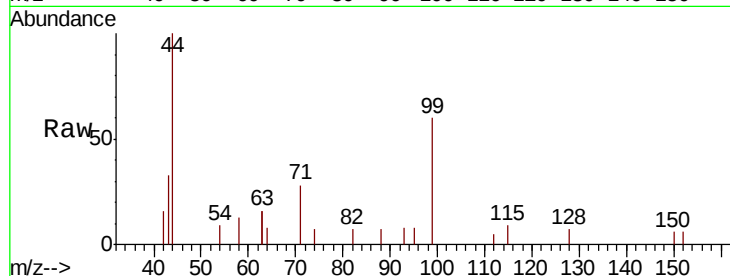
Tgt Ion: 99 Resp: 1173

Ion Ratio Lower Upper

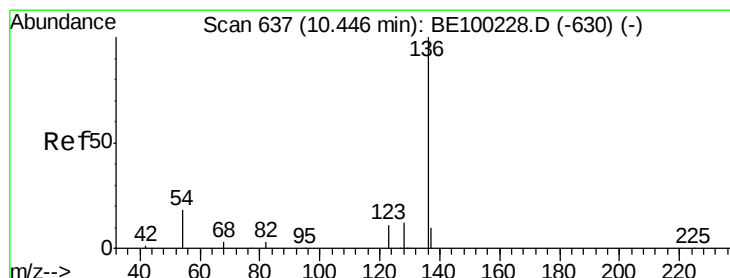
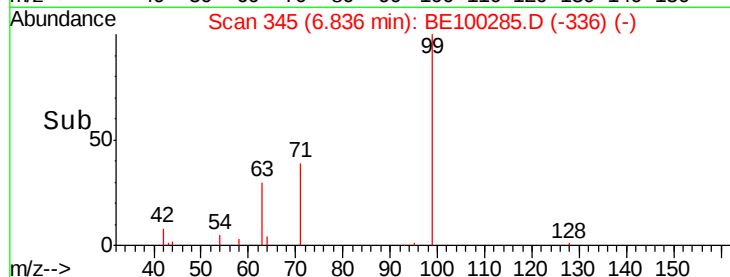
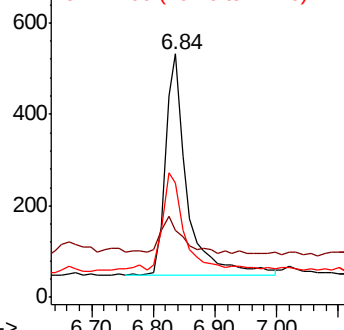
99 100

42 16.9 11.2 16.8#

71 40.5 37.2 55.8



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100285.D

Acq: 2 Jul 2019 4:10

Tgt Ion: 136 Resp: 3578

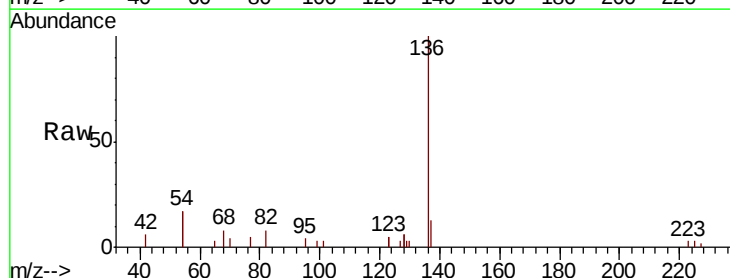
Ion Ratio Lower Upper

136 100

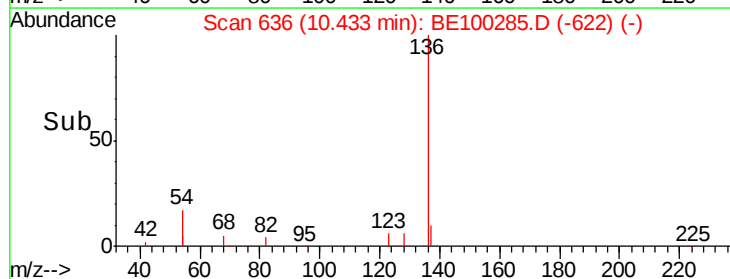
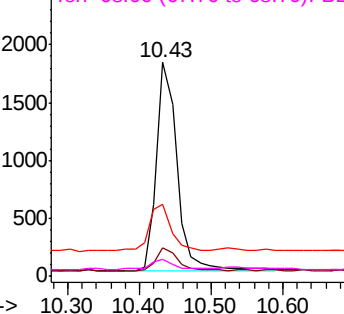
137 12.9 11.8 17.8

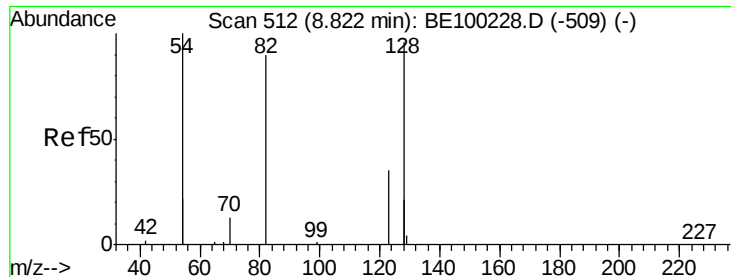
54 33.4 27.7 41.5

68 8.0 6.8 10.2



Abundance Ion 136.00 (135.70 to 136.70): BE1
Ion 137.00 (136.70 to 137.70): BE1
Ion 54.00 (53.70 to 54.70): BE1
Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.355 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100285.D

Acq: 2 Jul 2019 4:10

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW116-061719

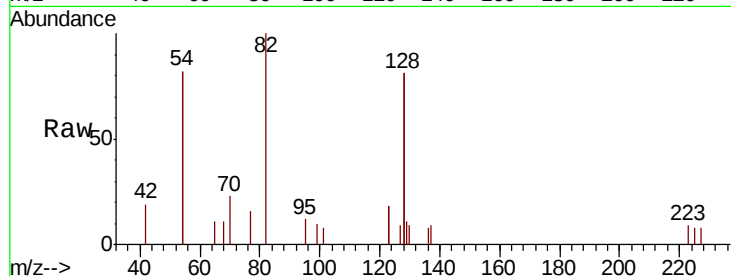
Tgt Ion: 82 Resp: 1261

Ion Ratio Lower Upper

82 100

128 162.0 140.9 211.3

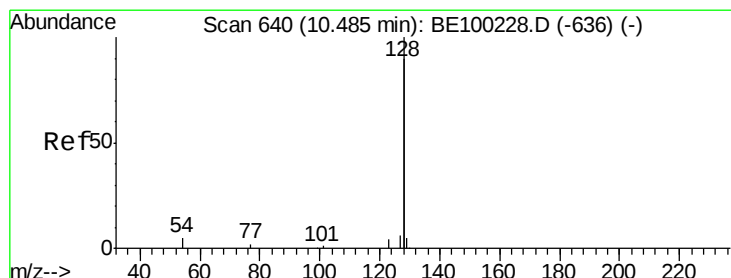
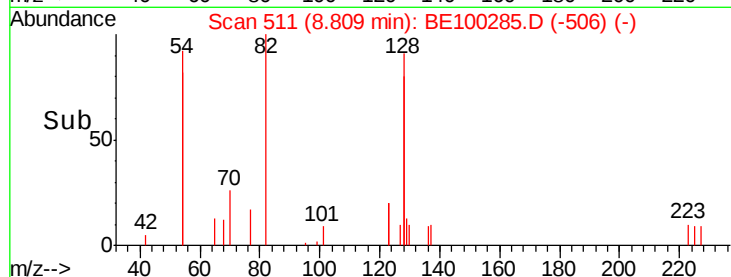
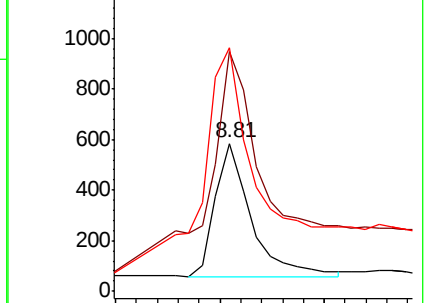
54 164.7 146.2 219.2



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#9

Naphthalene

Concen: 0.121 ng

RT: 10.48 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE100285.D

Acq: 2 Jul 2019 4:10

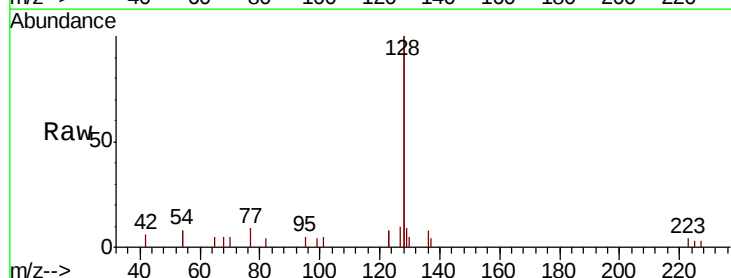
Tgt Ion: 128 Resp: 4777

Ion Ratio Lower Upper

128 100

129 4.5 3.0 4.6

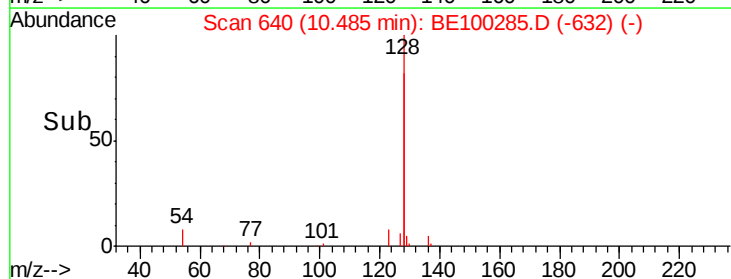
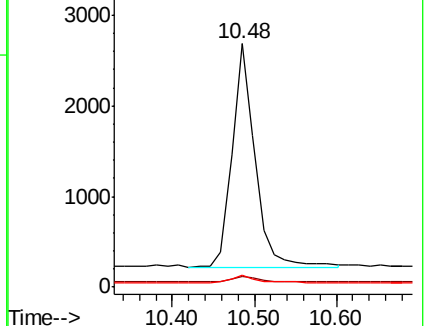
127 4.9 3.5 5.3

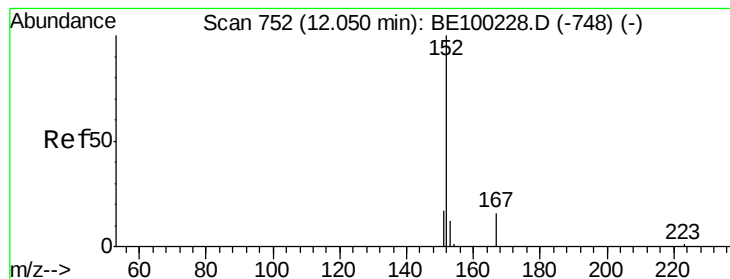


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.356 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100285.D

Acq: 2 Jul 2019 4:10

Instrument :

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ClientSampleId :

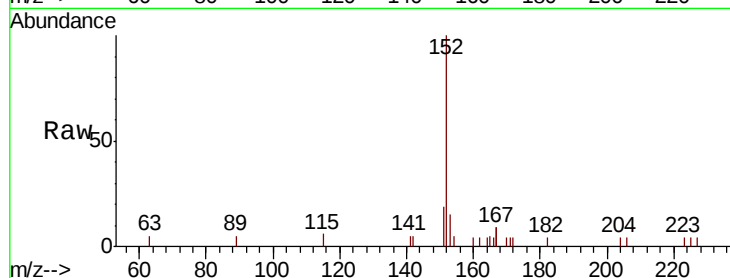
EXT-008-SW116-061719

Tgt Ion:152 Resp: 2397

Ion Ratio Lower Upper

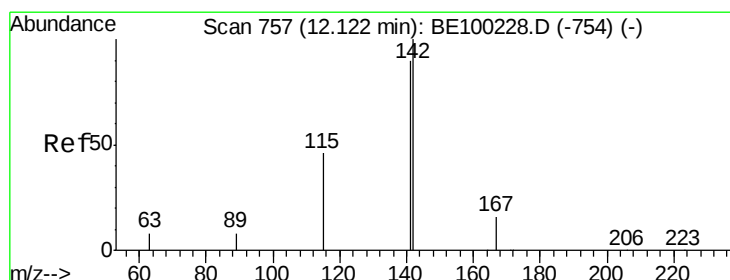
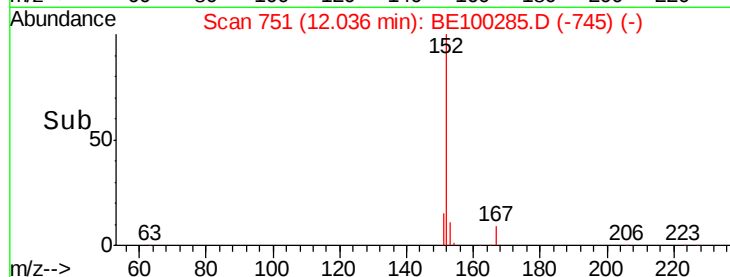
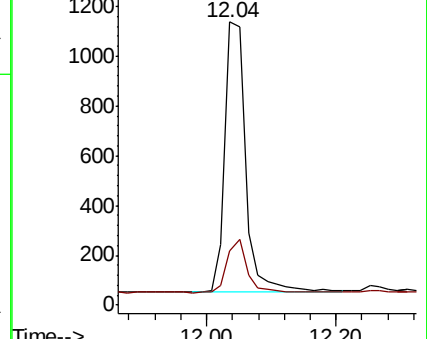
152 100

151 19.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.129 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.00 min

Lab File: BE100285.D

Acq: 2 Jul 2019 4:10

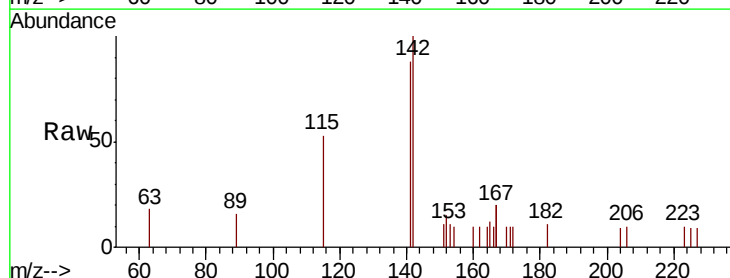
Tgt Ion:142 Resp: 892

Ion Ratio Lower Upper

142 100

141 87.7 72.4 108.6

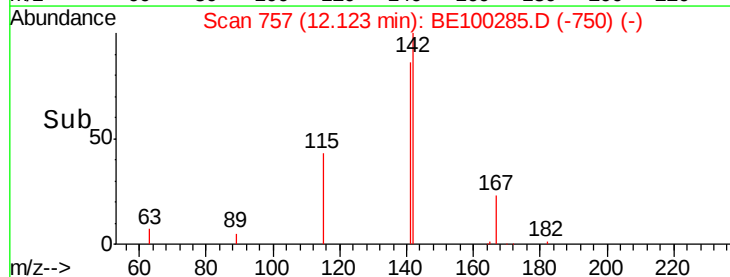
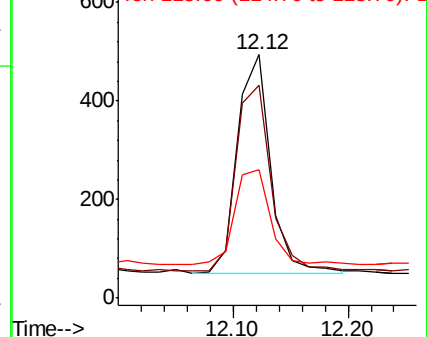
115 52.8 40.4 60.6

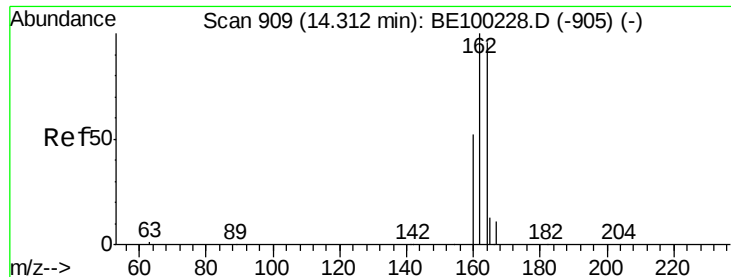


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

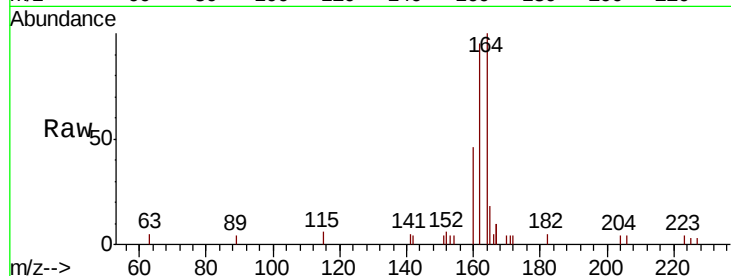




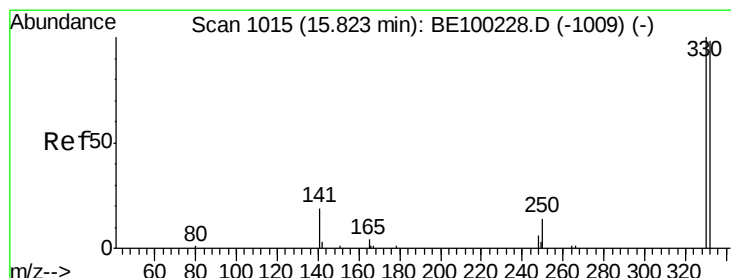
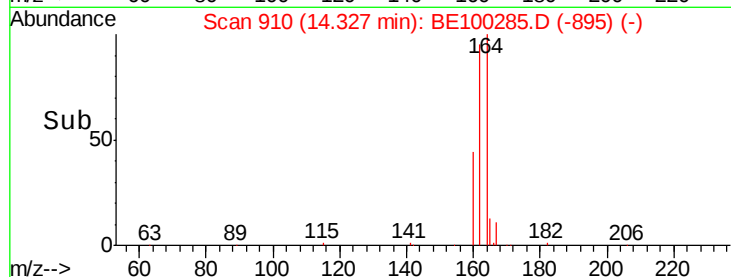
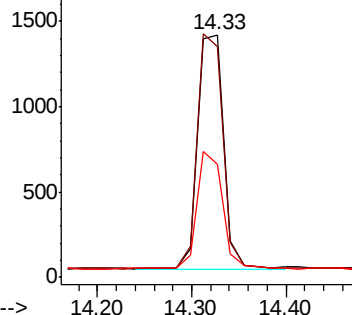
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.33 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BE100285.D
 Acq: 2 Jul 2019 4:10

Instrument :
 BNA_E
 ClientSampleId :
 EXT-008-SW116-061719

Tgt Ion:164 Resp: 2644
 Ion Ratio Lower Upper
 164 100
 162 95.2 83.4 125.0
 160 46.3 45.0 67.6

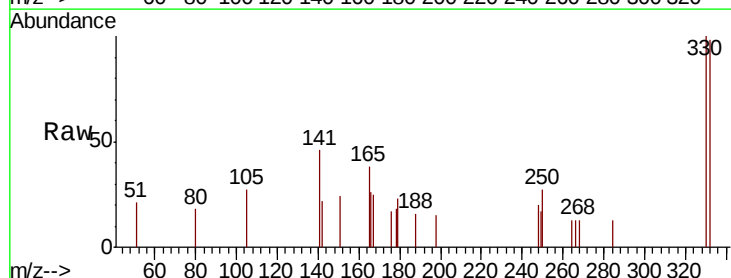


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

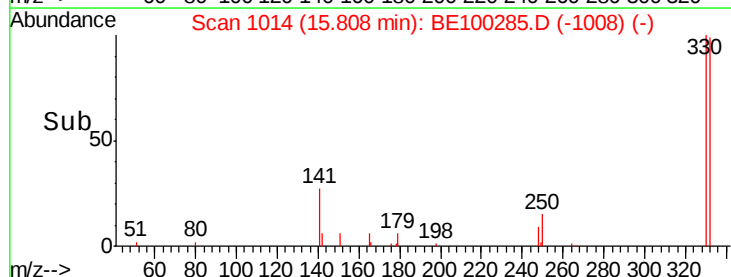
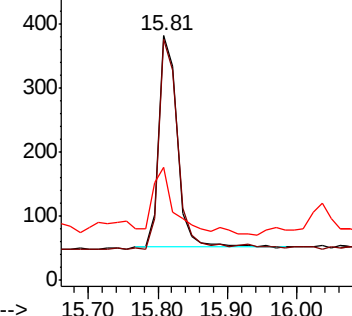


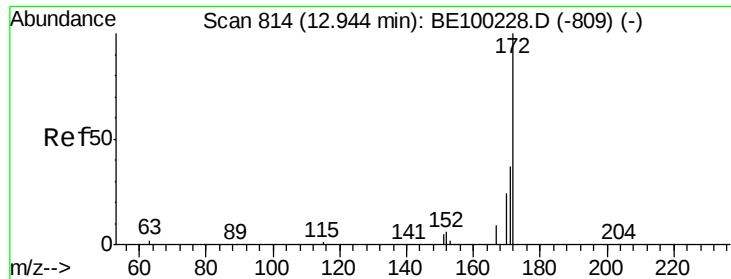
#14
 2,4,6-Tribromophenol
 Concen: 0.329 ng
 RT: 15.81 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BE100285.D
 Acq: 2 Jul 2019 4:10

Tgt Ion:330 Resp: 608
 Ion Ratio Lower Upper
 330 100
 332 101.6 77.0 115.4
 141 41.1 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

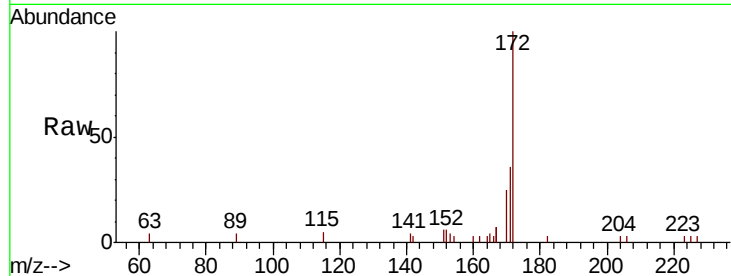




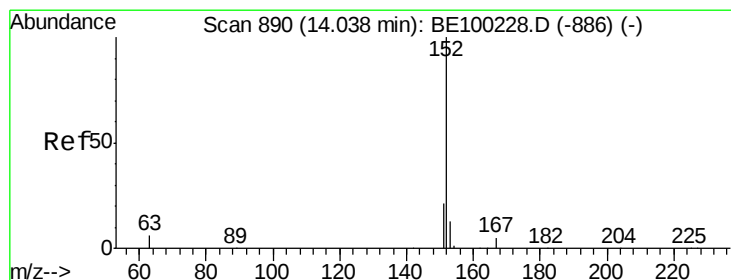
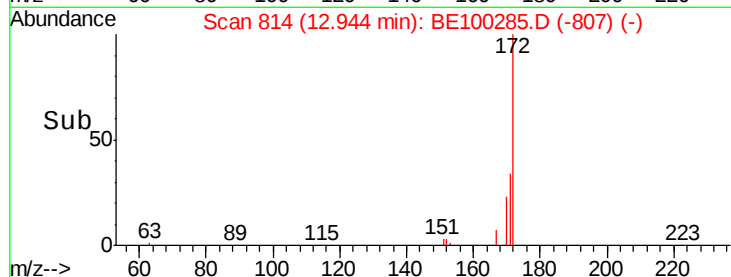
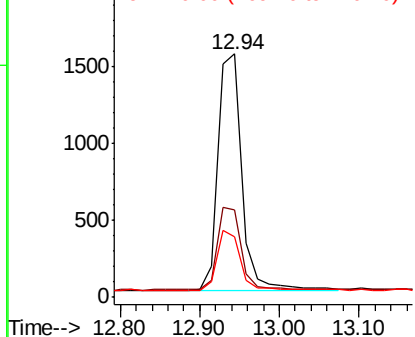
#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW116-061719

Tgt Ion:172 Resp: 3161
Ion Ratio Lower Upper
172 100
171 36.1 31.9 47.9
170 25.0 22.2 33.2

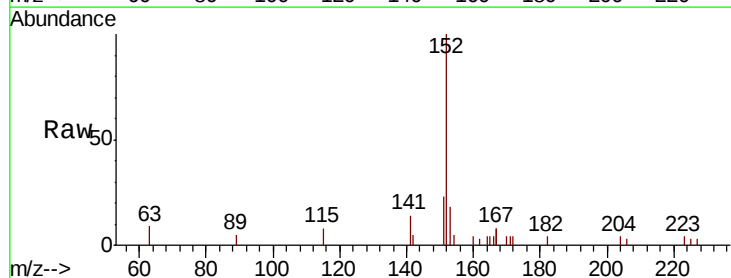


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

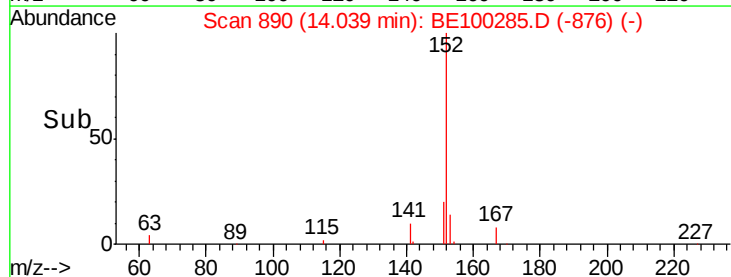
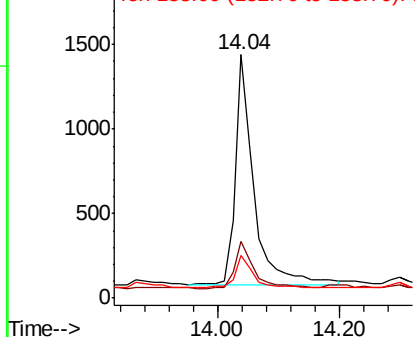


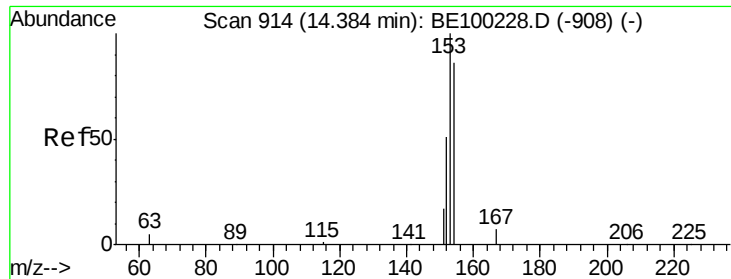
#16
Acenaphthylene
Concen: 0.228 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Tgt Ion:152 Resp: 2891
Ion Ratio Lower Upper
152 100
151 21.4 16.6 25.0
153 13.7 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

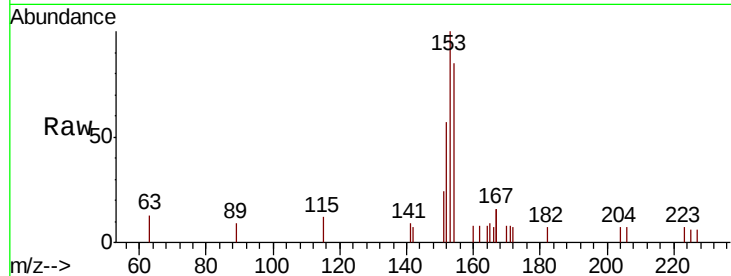




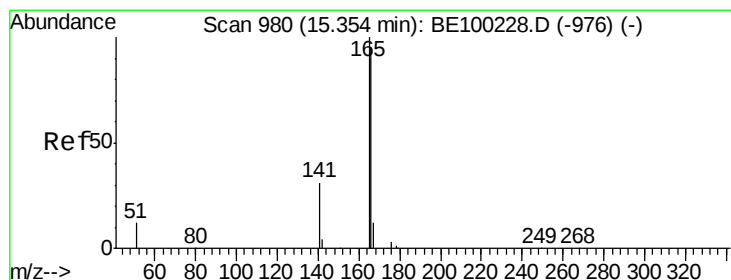
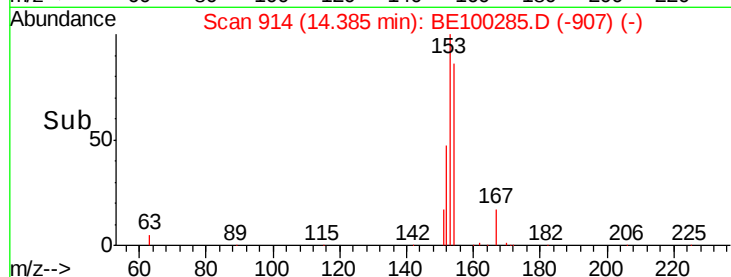
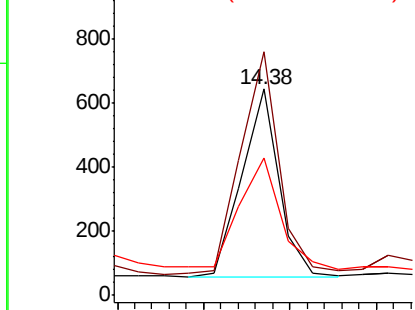
#17
Acenaphthene
Concen: 0.123 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW116-061719

Tgt Ion:154 Resp: 882
Ion Ratio Lower Upper
154 100
153 122.7 93.4 140.2
152 70.5 49.4 74.2

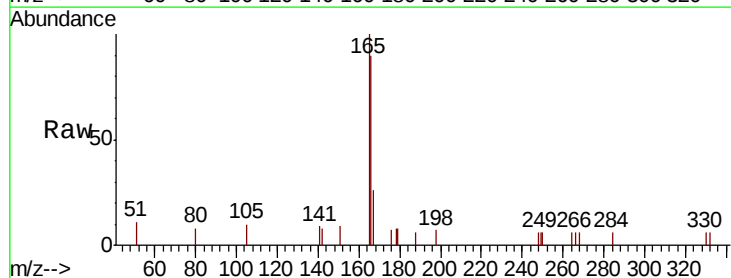


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

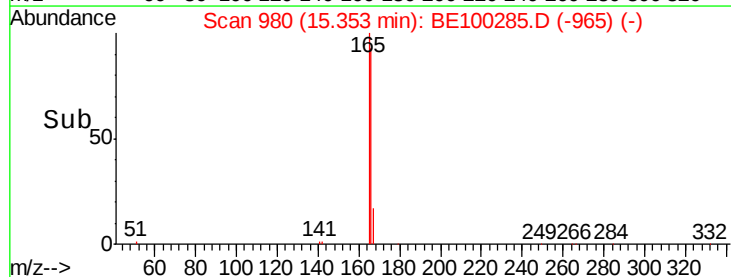
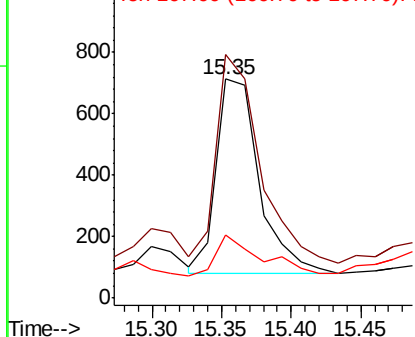


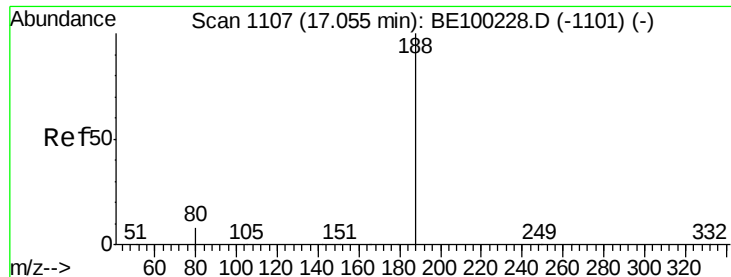
#18
Fluorene
Concen: 0.127 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Tgt Ion:166 Resp: 1347
Ion Ratio Lower Upper
166 100
165 109.1 81.1 121.7
167 22.9 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: 17.07 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BE100285.D

Acq: 2 Jul 2019 4:10

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW116-061719

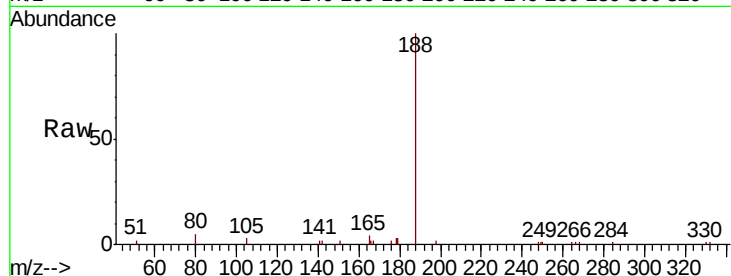
Tgt Ion:188 Resp: 7252

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

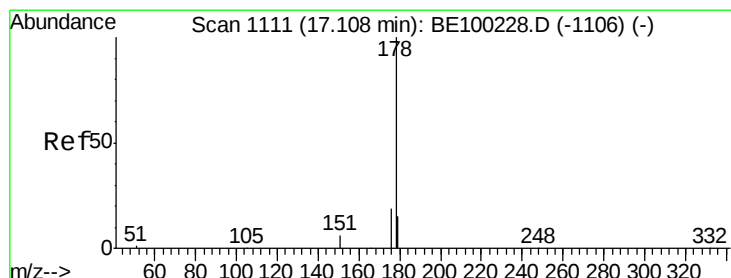
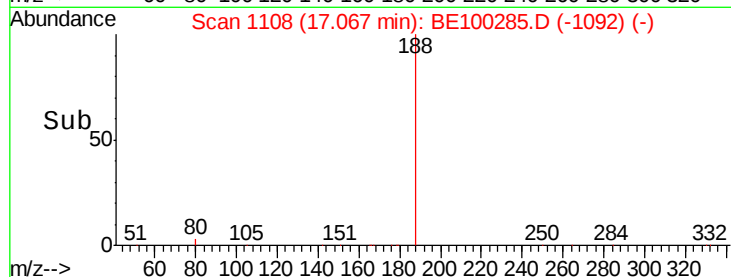
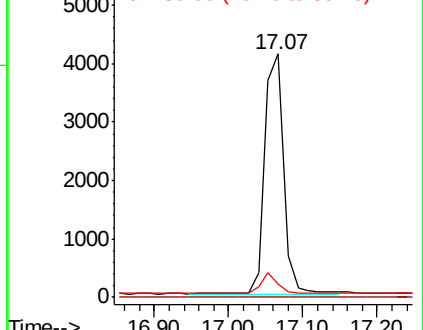
80 5.2 7.6 11.4#



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: 1.993 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE100285.D

Acq: 2 Jul 2019 4:10

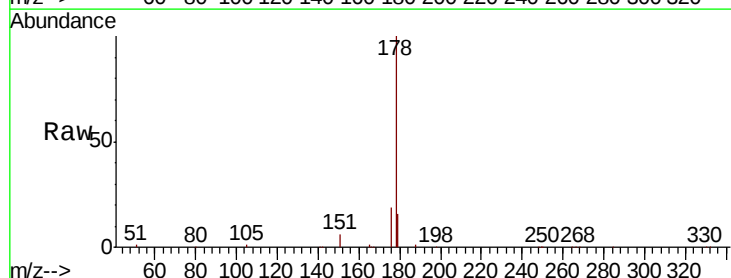
Tgt Ion:178 Resp: 35027

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

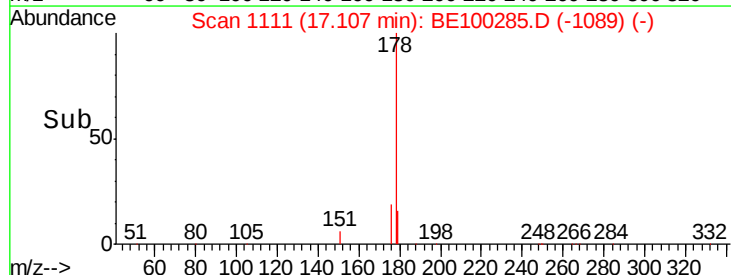
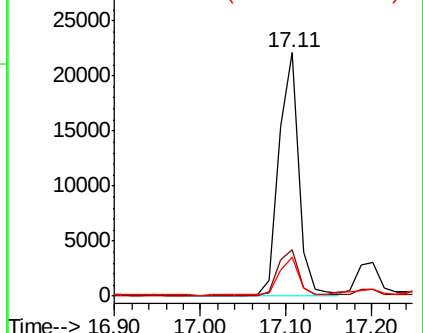
179 15.7 12.2 18.2

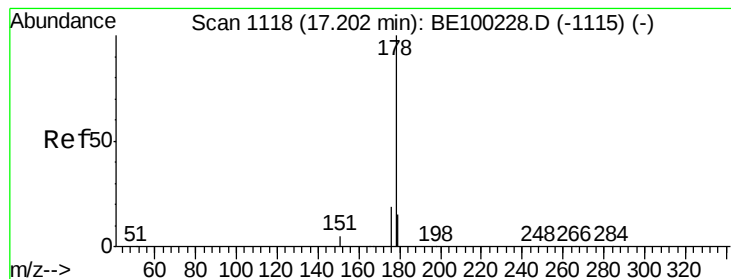


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.338 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100285.D

Acq: 2 Jul 2019 4:10

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW116-061719

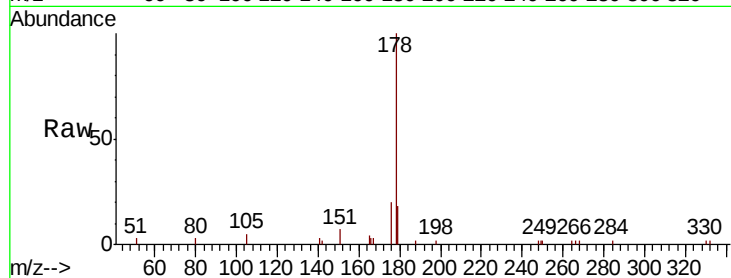
Tgt Ion:178 Resp: 5344

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

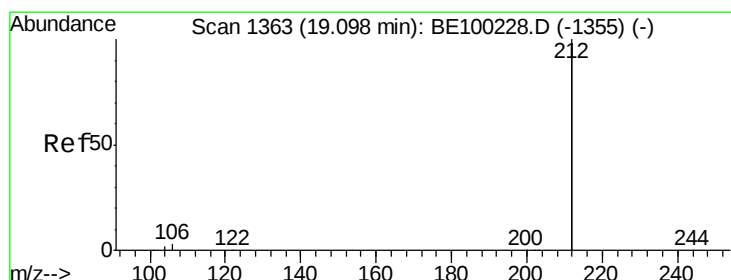
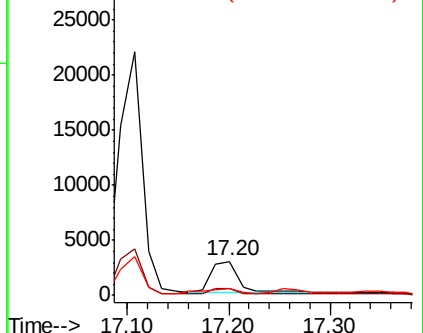
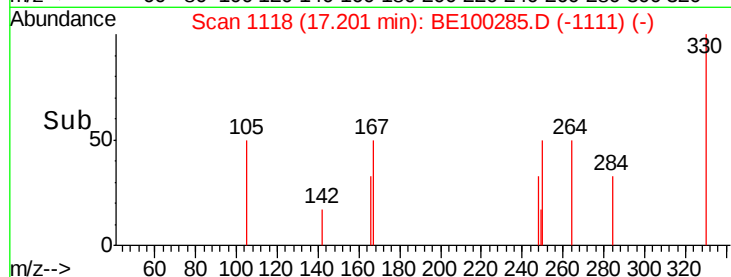
179 16.9 12.2 18.2



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: 0.330 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100285.D

Acq: 2 Jul 2019 4:10

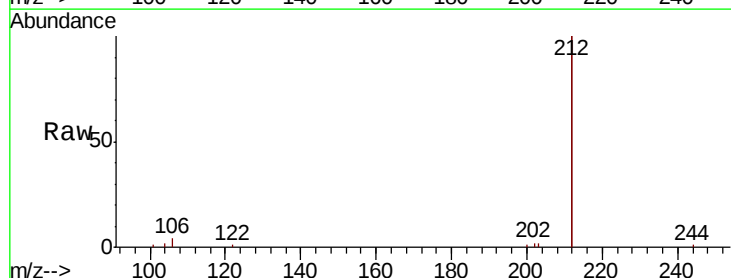
Tgt Ion:212 Resp: 34751

Ion Ratio Lower Upper

212 100

106 1.7 1.3 1.9

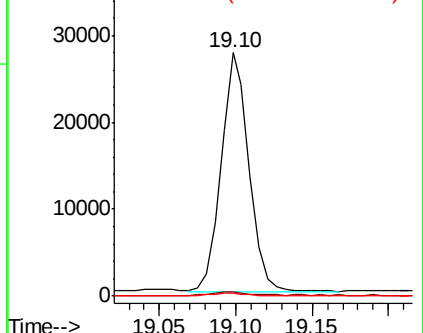
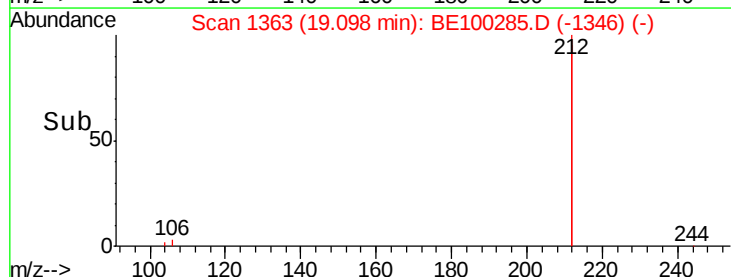
104 1.0 0.8 1.2

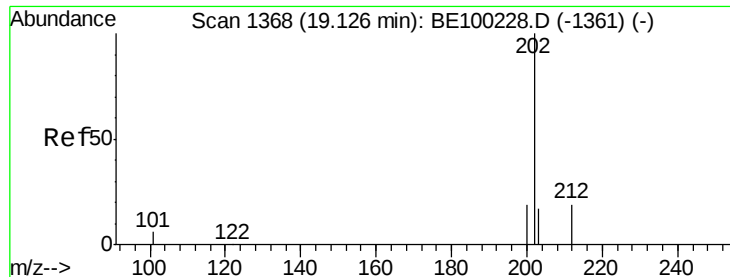


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

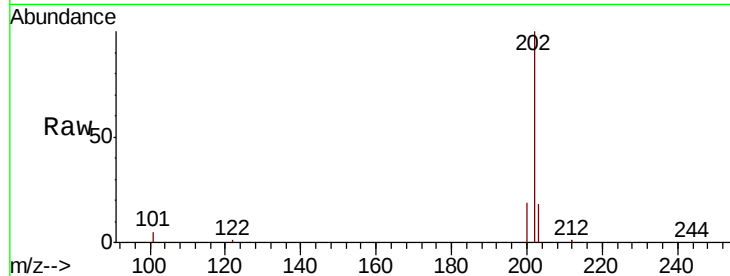




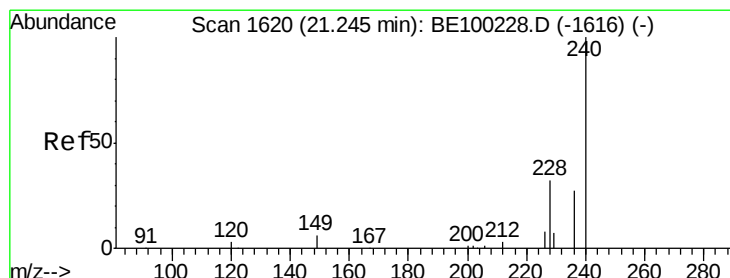
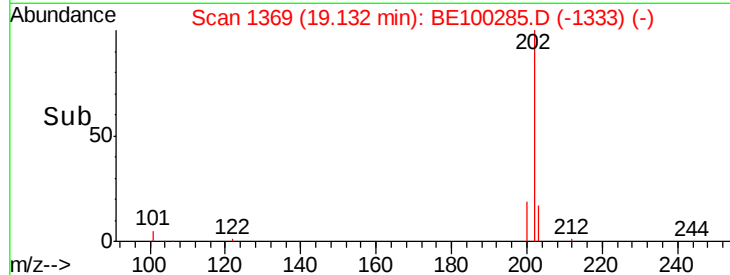
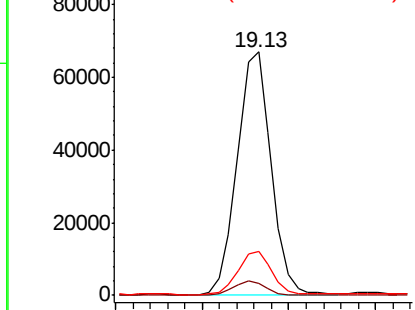
#26
 Fluoranthene
 Concen: 3.248 ng
 RT: 19.13 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BE100285.D
 Acq: 2 Jul 2019 4:10

Instrument :
 BNA_E
 ClientSampleId :
 EXT-008-SW116-061719

Tgt Ion: 202 Resp: 90938
 Ion Ratio Lower Upper
 202 100
 101 5.6 4.6 7.0
 203 17.6 13.7 20.5

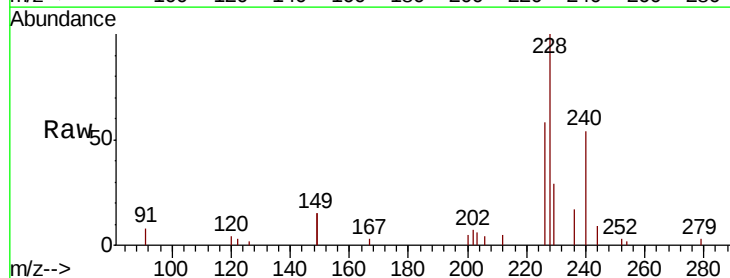


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

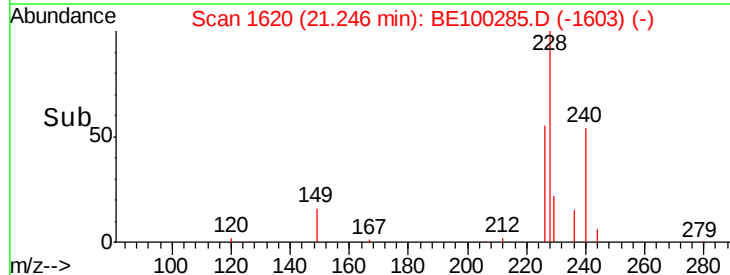
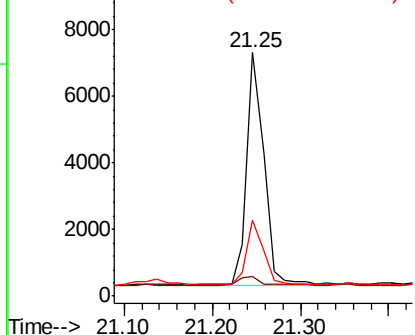


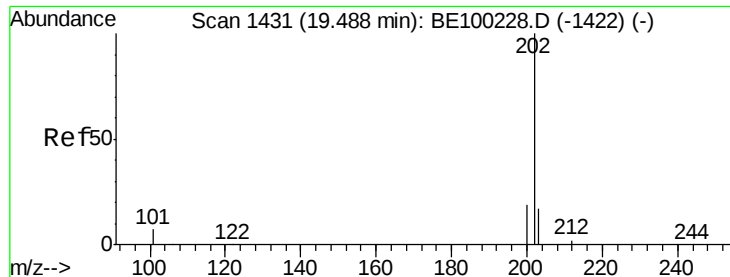
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BE100285.D
 Acq: 2 Jul 2019 4:10

Tgt Ion: 240 Resp: 9507
 Ion Ratio Lower Upper
 240 100
 120 8.0 3.3 4.9#
 236 31.2 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

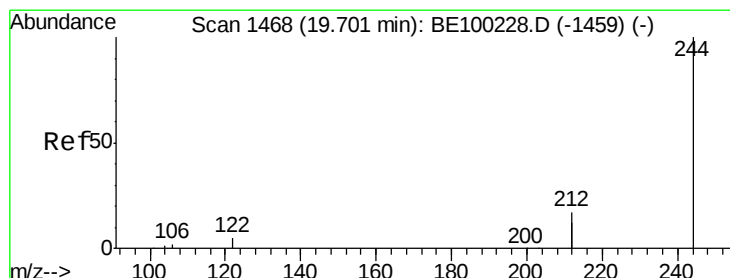
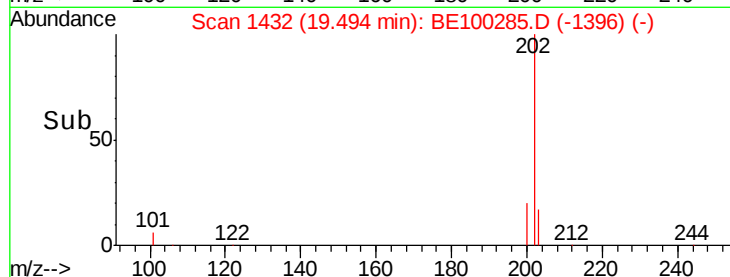
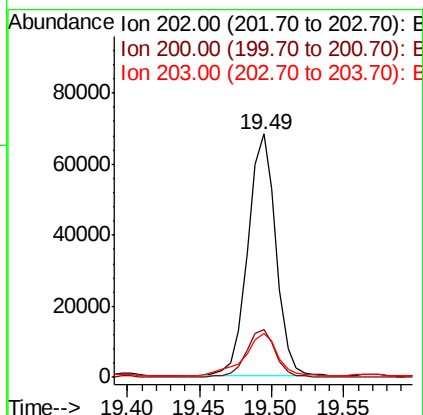
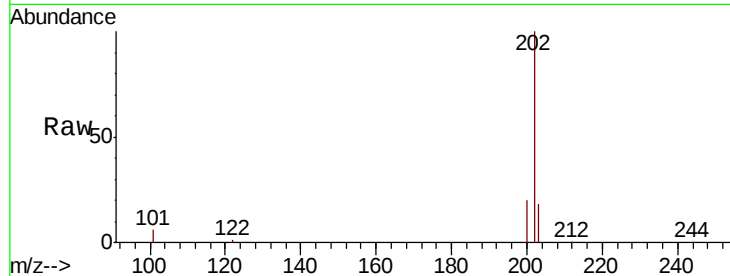




#28
 Pyrene
 Concen: 3.722 ng
 RT: 19.49 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BE100285.D
 Acq: 2 Jul 2019 4:10

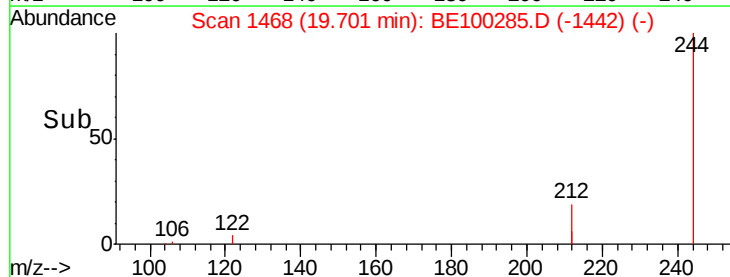
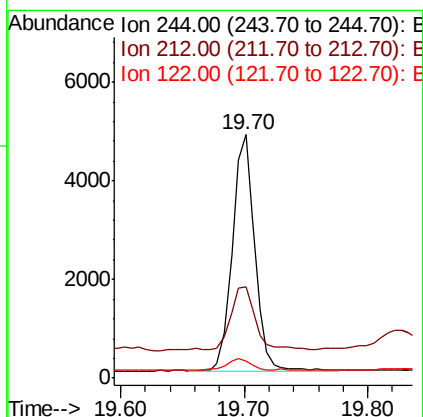
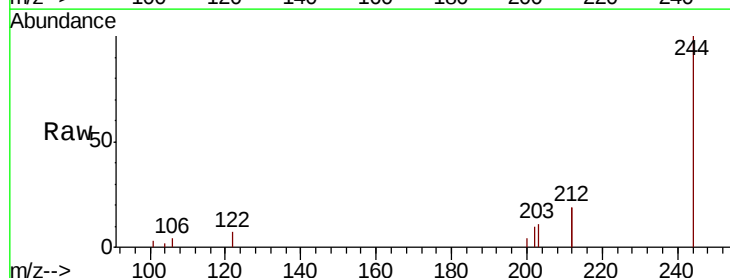
Instrument :
 BNA_E
 ClientSampleId :
 EXT-008-SW116-061719

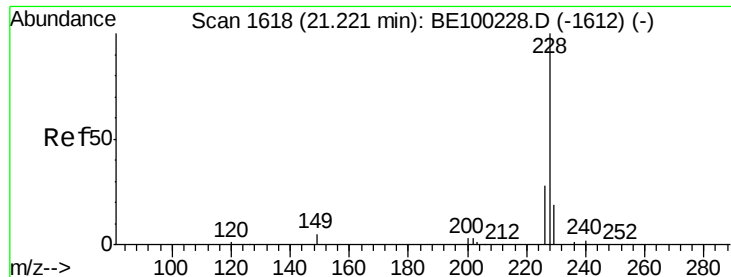
Tgt Ion: 202 Resp: 93671
 Ion Ratio Lower Upper
 202 100
 200 19.9 15.6 23.4
 203 21.0 14.0 21.0#



#29
 Terphenyl-d14
 Concen: 0.306 ng
 RT: 19.70 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BE100285.D
 Acq: 2 Jul 2019 4:10

Tgt Ion: 244 Resp: 6034
 Ion Ratio Lower Upper
 244 100
 212 37.5 27.3 40.9
 122 7.2 4.7 7.1#





#30

Benzo(a)anthracene

Concen: 2.292 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100285.D

Acq: 2 Jul 2019 4:10

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW116-061719

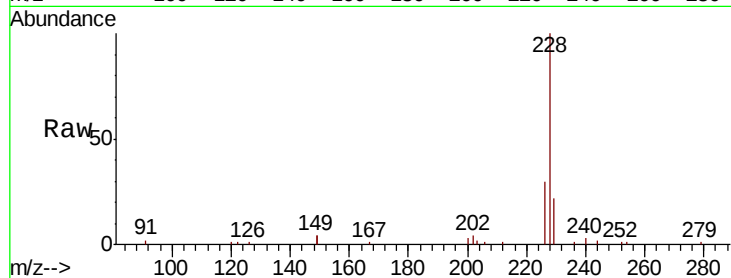
Tgt Ion:228 Resp: 71647

Ion Ratio Lower Upper

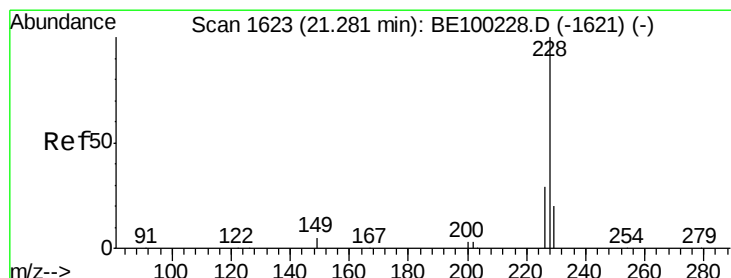
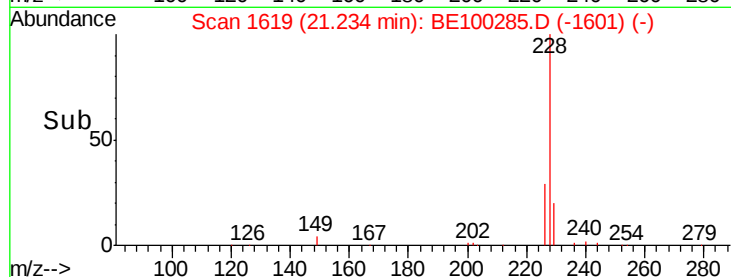
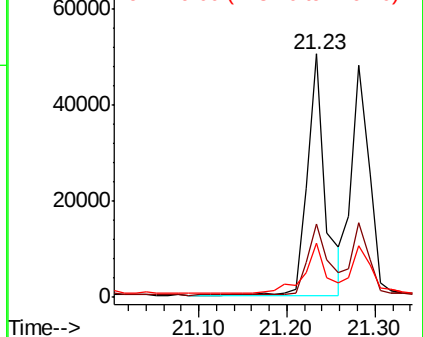
228 100

226 30.3 23.2 34.8

229 22.0 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: 2.113 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100285.D

Acq: 2 Jul 2019 4:10

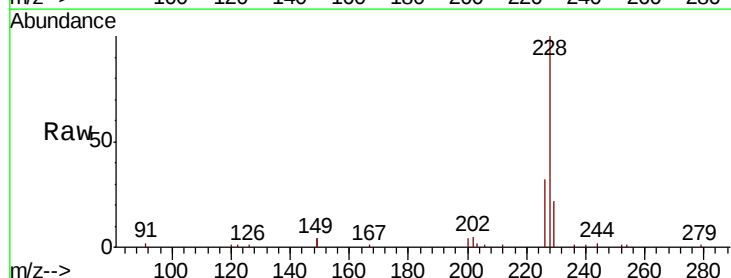
Tgt Ion:228 Resp: 66336

Ion Ratio Lower Upper

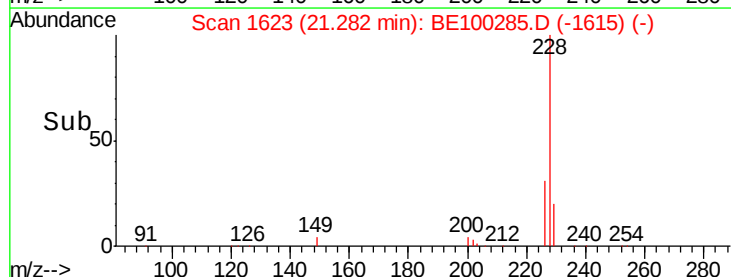
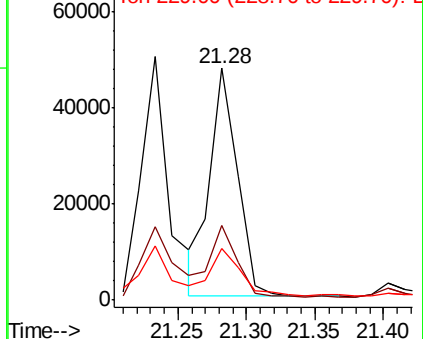
228 100

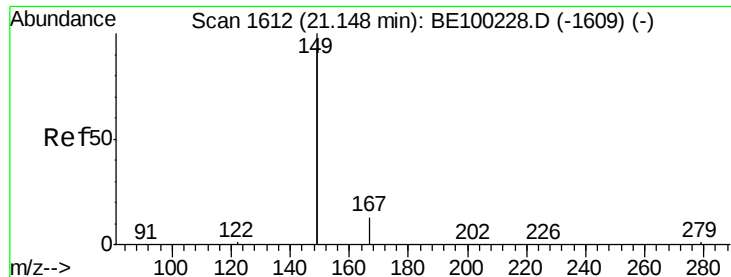
226 32.1 23.9 35.9

229 22.4 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

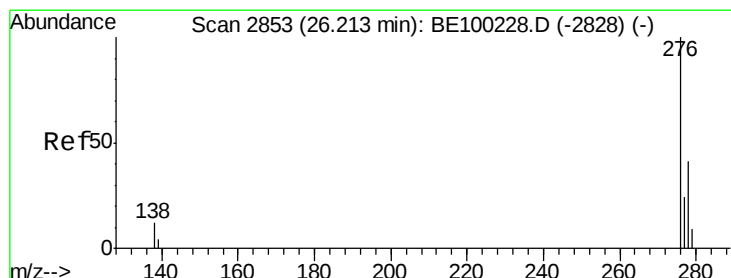
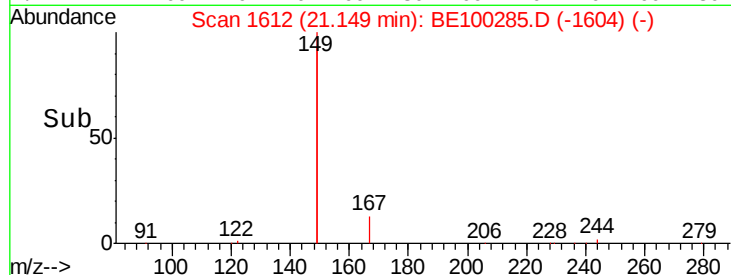
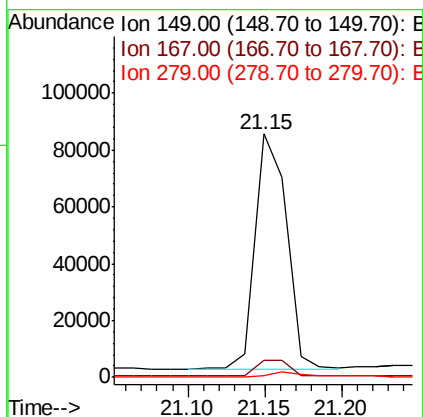
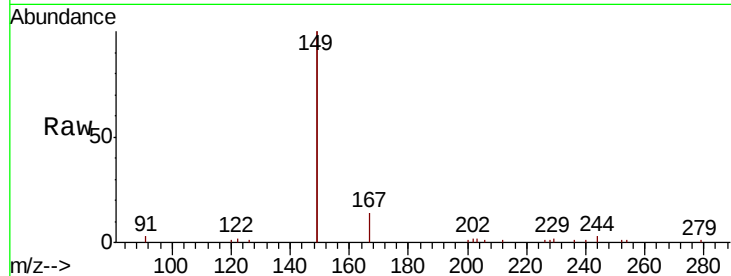




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 2.602 ng
 RT: 21.15 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BE100285.D
 Acq: 2 Jul 2019 4:10

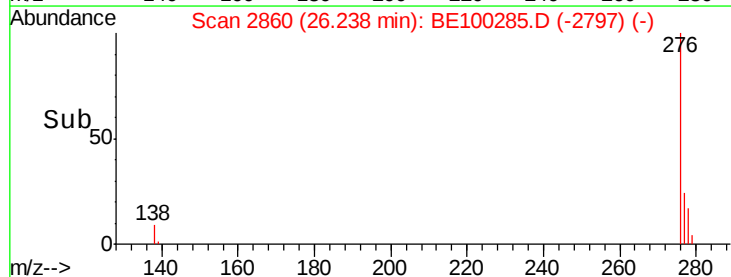
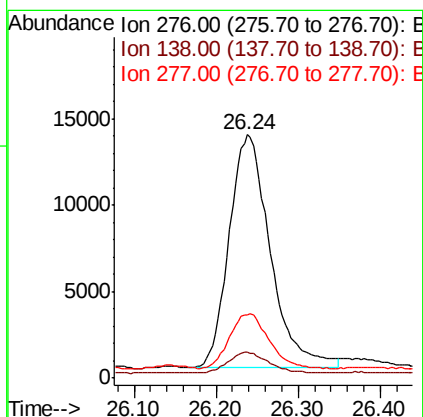
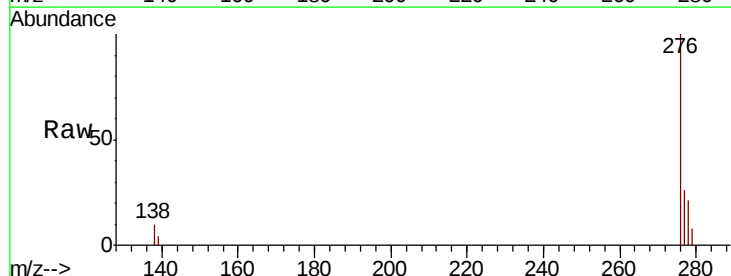
Instrument :
 BNA_E
 ClientSampleId :
 EXT-008-SW116-061719

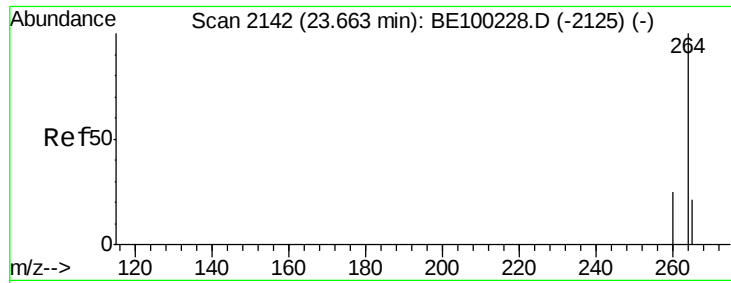
Tgt Ion:149 Resp: 117525
 Ion Ratio Lower Upper
 149 100
 167 7.3 5.8 8.8
 279 1.5 1.1 1.7



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.134 ng
 RT: 26.24 min Scan# 2860
 Delta R.T. 0.02 min
 Lab File: BE100285.D
 Acq: 2 Jul 2019 4:10

Tgt Ion:276 Resp: 47098
 Ion Ratio Lower Upper
 276 100
 138 8.8 9.4 14.0#
 277 22.6 19.2 28.8

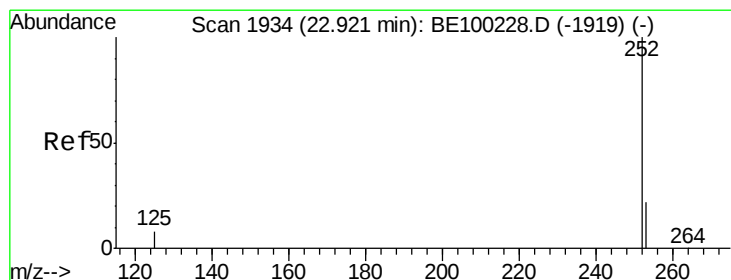
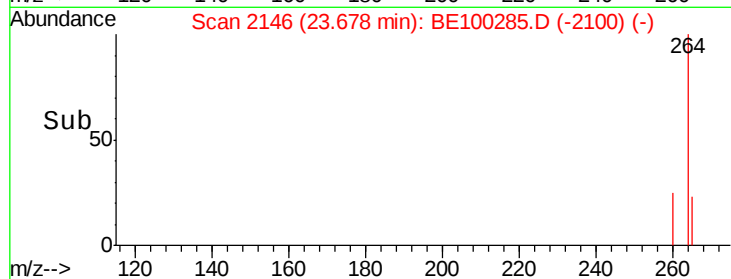
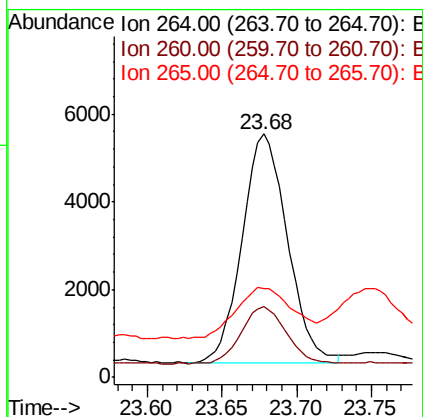
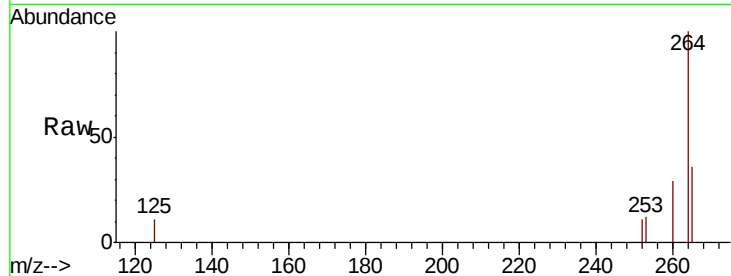




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.68 min Scan# 2146
 Delta R.T. 0.01 min
 Lab File: BE100285.D
 Acq: 2 Jul 2019 4:10

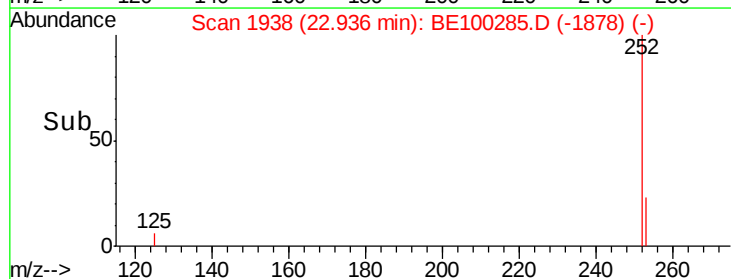
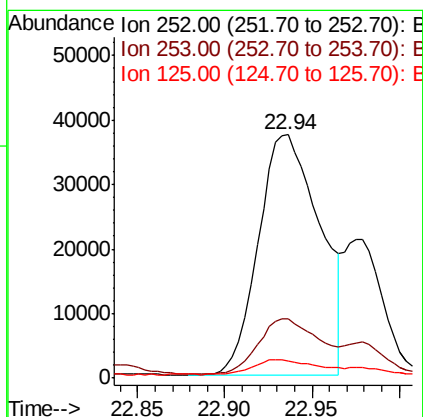
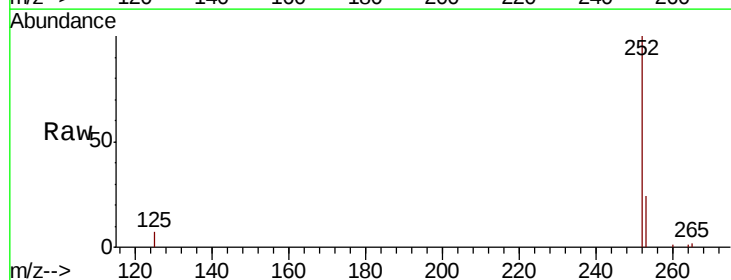
Instrument :
 BNA_E
 ClientSampleId :
 EXT-008-SW116-061719

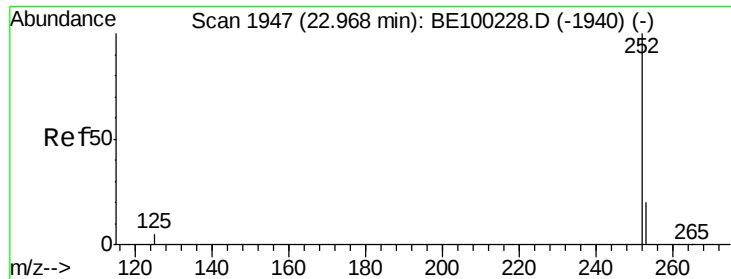
Tgt Ion: 264 Resp: 11000
 Ion Ratio Lower Upper
 264 100
 260 29.0 20.8 31.2
 265 36.4 21.8 32.6#



#35
 Benzo(b)fluoranthene
 Concen: 3.058 ng
 RT: 22.94 min Scan# 1938
 Delta R.T. 0.01 min
 Lab File: BE100285.D
 Acq: 2 Jul 2019 4:10

Tgt Ion: 252 Resp: 91213
 Ion Ratio Lower Upper
 252 100
 253 24.4 19.2 28.8
 125 7.2 7.4 11.0#

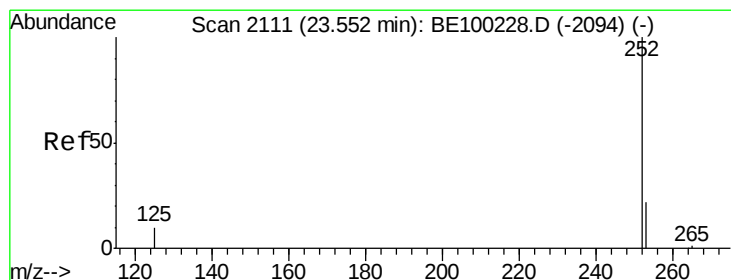
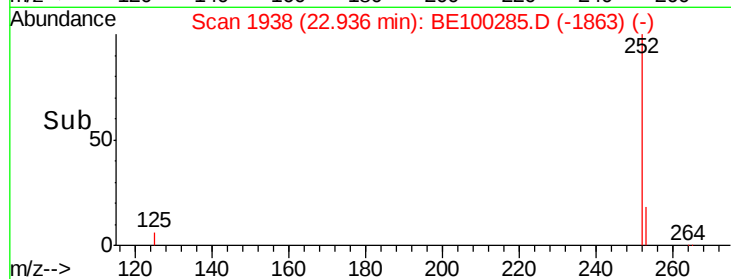
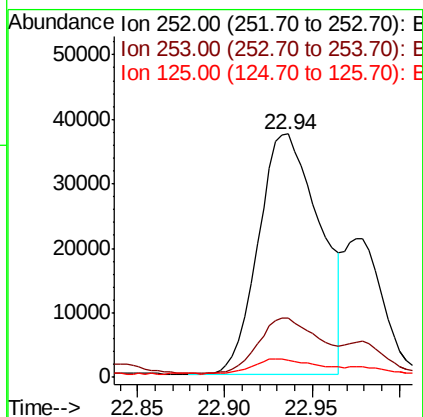
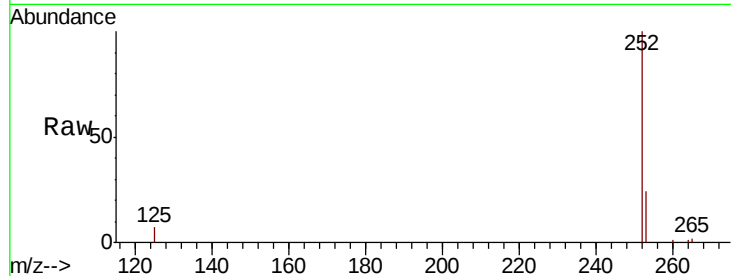




#36
Benzo(k)fluoranthene
Concen: 2.740 ng
RT: 22.94 min Scan# 1938
Delta R.T. -0.03 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

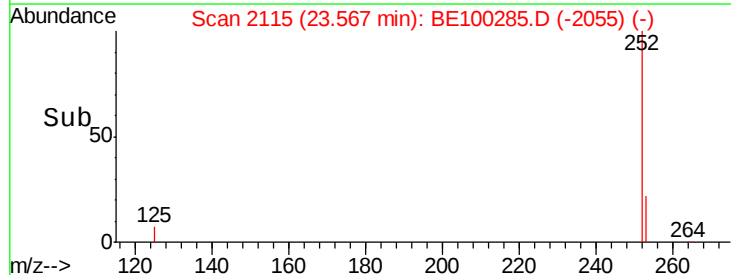
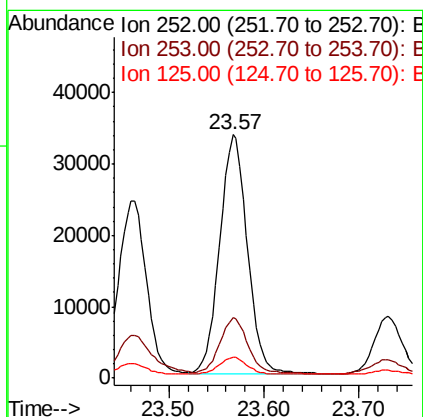
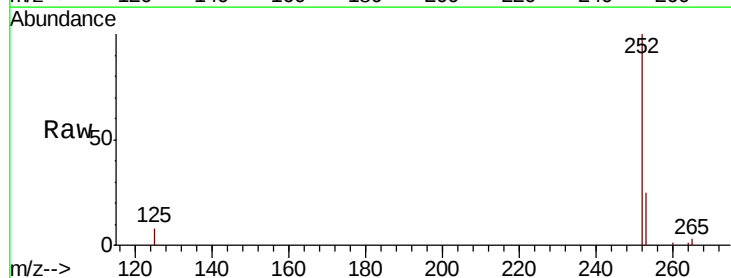
Instrument :
BNA_E
ClientSampleId :
EXT-008-SW116-061719

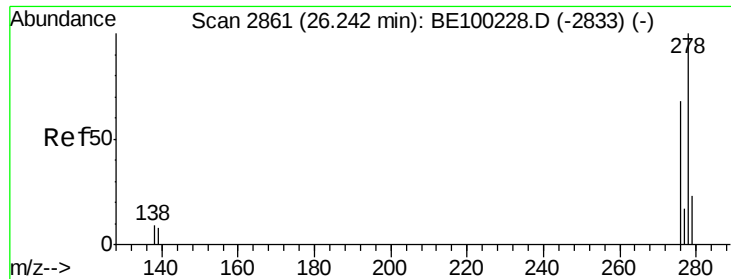
Tgt Ion: 252 Resp: 91213
Ion Ratio Lower Upper
252 100
253 24.4 17.9 26.9
125 7.2 5.0 7.4



#37
Benzo(a)pyrene
Concen: 2.250 ng
RT: 23.57 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Tgt Ion: 252 Resp: 67260
Ion Ratio Lower Upper
252 100
253 24.6 19.6 29.4
125 8.4 9.0 13.6#





#38

Dibenzo(a,h)anthracene

Concen: 0.362 ng

RT: 26.25 min Scan# 2864

Delta R.T. 0.01 min

Lab File: BE100285.D

Acq: 2 Jul 2019 4:10

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW116-061719

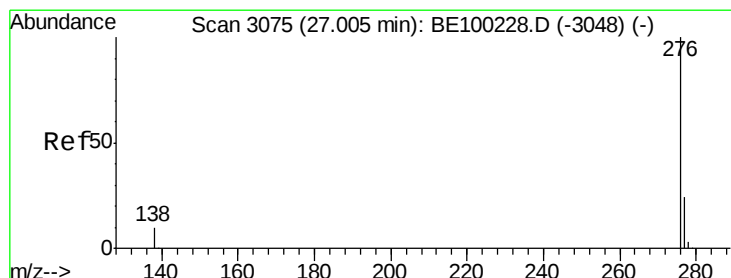
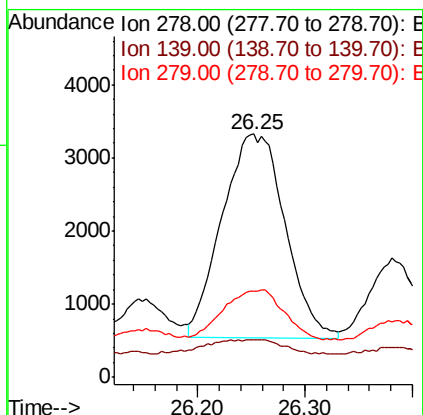
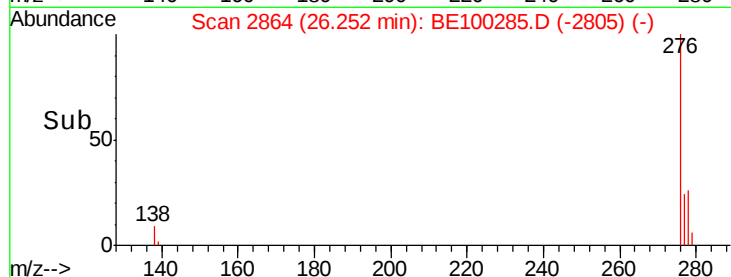
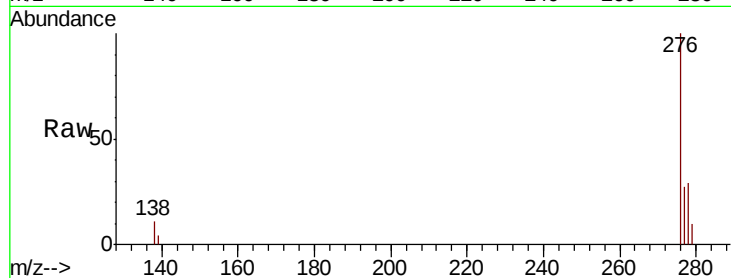
Tgt Ion: 278 Resp: 11314

Ion Ratio Lower Upper

278 100

139 15.3 8.2 12.2#

279 35.4 20.3 30.5#



#39

Benzo(g,h,i)perylene

Concen: 1.473 ng

RT: 27.03 min Scan# 3082

Delta R.T. 0.02 min

Lab File: BE100285.D

Acq: 2 Jul 2019 4:10

Tgt Ion: 276 Resp: 47247

Ion Ratio Lower Upper

276 100

277 26.1 20.2 30.2

138 11.5 9.0 13.6

