

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
 Data File : BE100262.D
 Acq On : 1 Jul 2019 13:06
 Operator : JU/SJ
 Sample : K3428-18DL 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-084-SW167-061319DL

Quant Time: Jul 02 02:19:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	746	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	2833	0.40	ng	0.00
13) Acenaphthene-d10	14.33	164	2362	0.40	ng	0.01
19) Phenanthrene-d10	17.05	188	6914	0.40	ng	0.00
27) Chrysene-d12	21.25	240	9204	0.40	ng	0.00
34) Perylene-d12	23.67	264	11000	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	111	0.06	ng	0.00
5) Phenol-d6	6.84	99	209	0.08	ng	0.00
8) Nitrobenzene-d5	8.82	82	217	0.08	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	116	0.02	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	140	0.08	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	606	0.07	ng	0.00
25) Fluoranthene-d10	19.10	212	1850	0.02	ng	0.00
29) Terphenyl-d14	19.70	244	2848	0.15	ng	0.00

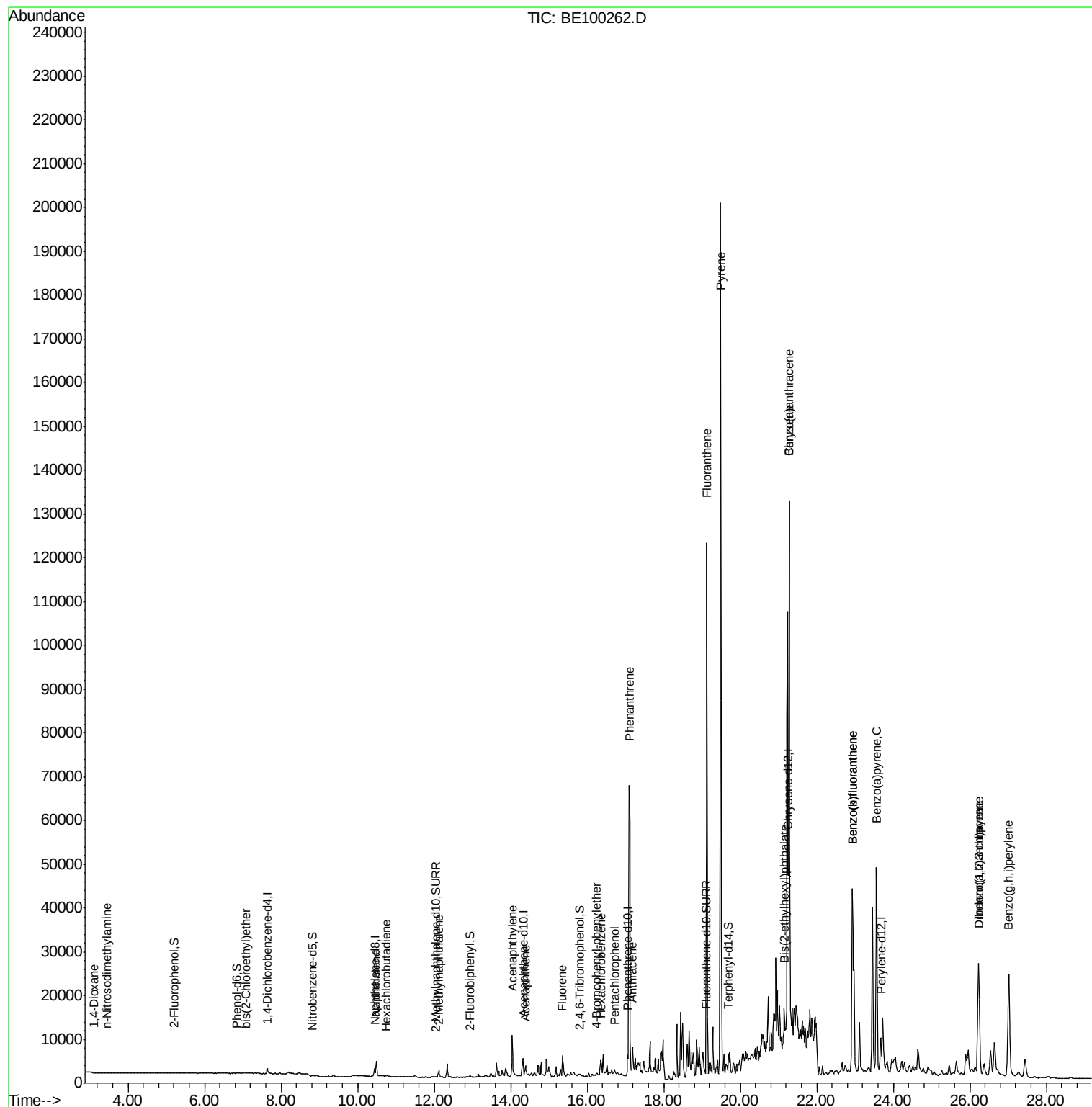
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.11	88	21	0.018	ng	# 1
3) n-Nitrosodimethylamine	3.45	42	17	0.032	ng	# 63
6) bis(2-Chloroethyl)ether	7.08	93	104	0.051	ng	# 81
9) Naphthalene	10.48	128	6517	0.209	ng	99
10) Hexachlorobutadiene	10.76	225	112	0.037	ng	87
12) 2-Methylnaphthalene	12.12	142	1349	0.246	ng	98
16) Acenaphthylene	14.04	152	12363	1.091	ng	98
17) Acenaphthene	14.38	154	1208	0.188	ng	# 93
18) Fluorene	15.35	166	4373	0.460	ng	# 85
20) 4-Bromophenyl-phenylether	16.25	248	274	0.062	ng	# 74
21) Hexachlorobenzene	16.37	284	251	0.055	ng	# 88
22) Pentachlorophenol	16.72	266	132	0.096	ng	91
23) Phenanthrene	17.09	178	80751	4.819	ng	99
24) Anthracene	17.19	178	7566	0.501	ng	# 95
26) Fluoranthene	19.13	202	109638	4.108	ng	98
28) Pyrene	19.49	202	182673	7.496	ng	97
30) Benzo(a)anthracene	21.28	228	116319	3.844	ng	95
31) Chrysene	21.28	228	115696	3.807	ng	97
32) Bis(2-ethylhexyl)phthalate	21.15	149	4508	0.048	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.23	276	49141	1.223	ng	97
35) Benzo(b)fluoranthene	22.93	252	84411	2.830	ng	# 96
36) Benzo(k)fluoranthene	22.93	252	84411	2.536	ng	98
37) Benzo(a)pyrene	23.56	252	76639	2.564	ng	# 93
38) Dibenzo(a,h)anthracene	26.25	278	15720	0.504	ng	# 87
39) Benzo(g,h,i)perylene	27.02	276	58997	1.840	ng	99

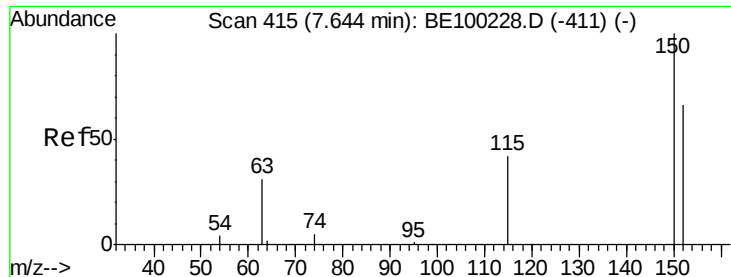
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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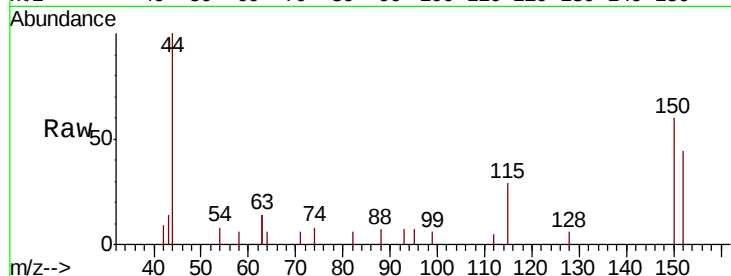


#1

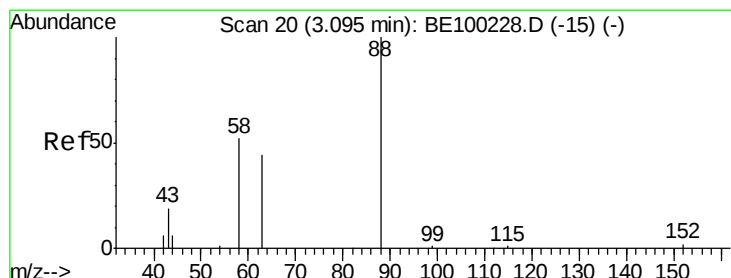
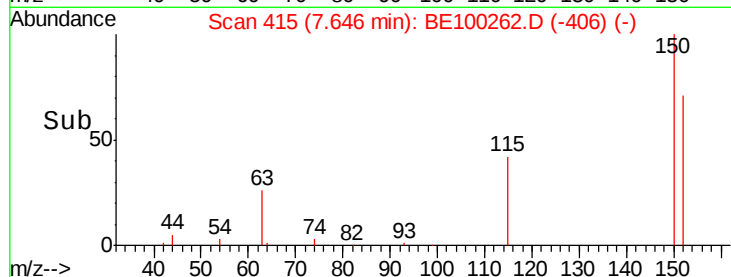
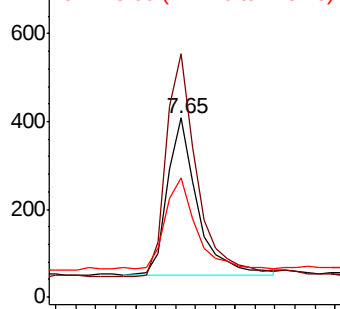
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 415
Delta R.T. 0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion: 152 Resp: 746
Ion Ratio Lower Upper
152 100
150 135.8 114.5 171.7
115 66.9 57.1 85.7



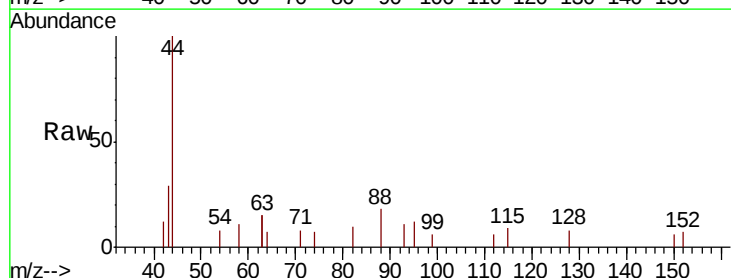
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



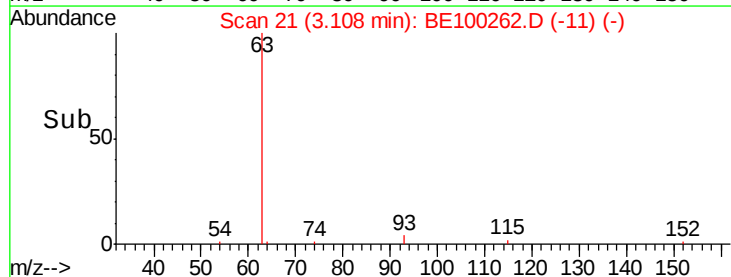
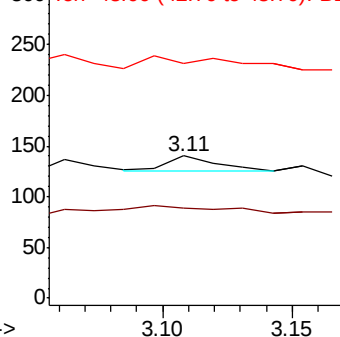
#2

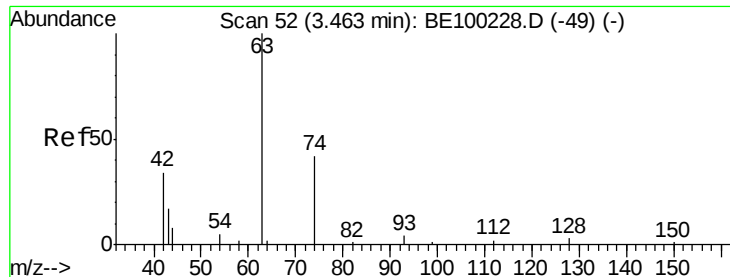
1,4-Dioxane
Concen: 0.018 ng
RT: 3.11 min Scan# 21
Delta R.T. 0.01 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
58 90.5 43.6 65.4#
43 142.9 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: 0.032 ng

RT: 3.45 min Scan# 51

Delta R.T. -0.01 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW167-061319DL

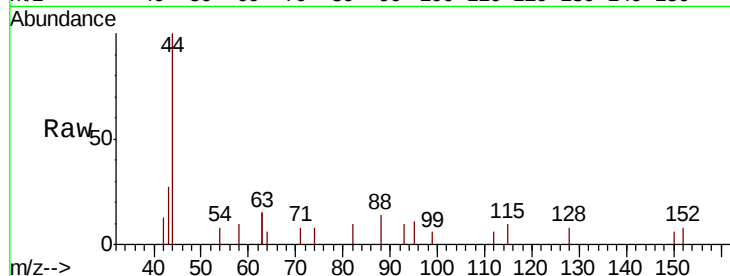
Tgt Ion: 42 Resp: 17

Ion Ratio Lower Upper

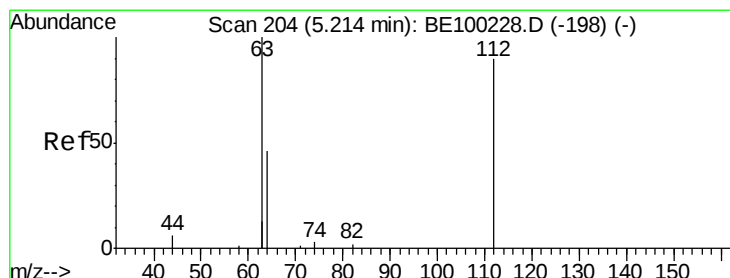
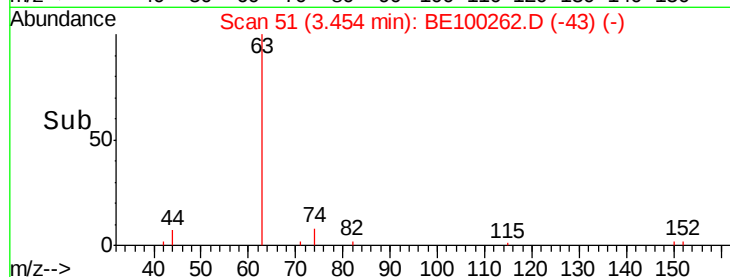
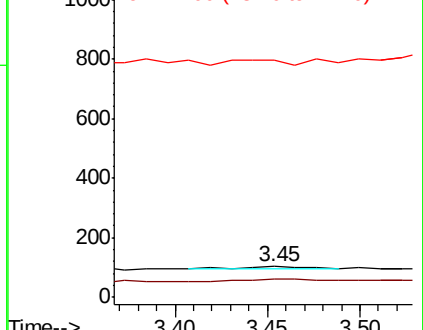
42 100

74 200.0 130.6 196.0#

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: 0.058 ng

RT: 5.22 min Scan# 204

Delta R.T. 0.00 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

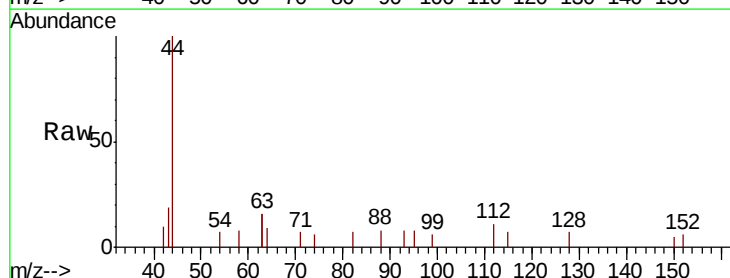
Tgt Ion: 112 Resp: 111

Ion Ratio Lower Upper

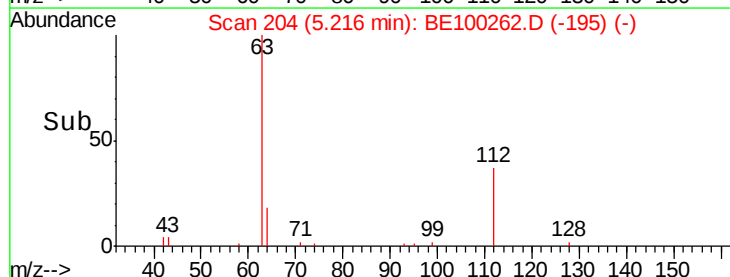
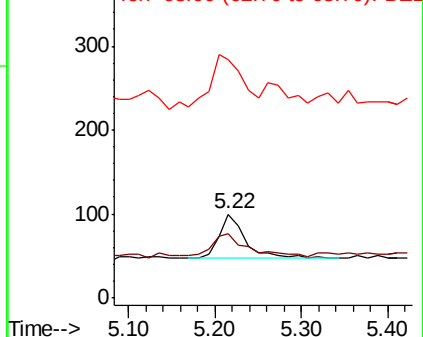
112 100

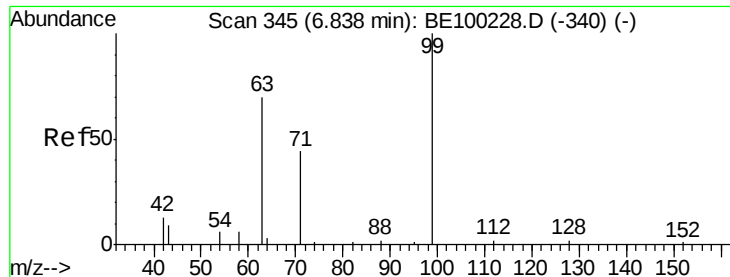
64 69.4 39.4 59.0#

63 162.2 104.5 156.7#



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: 0.084 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW167-061319DL

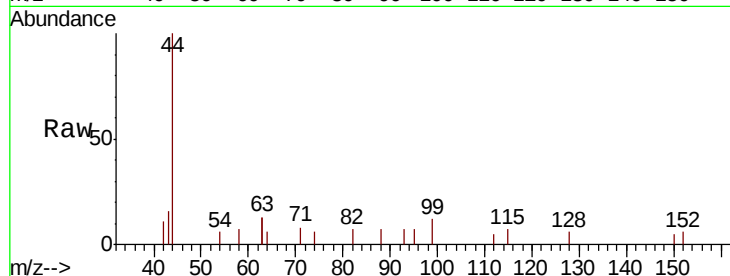
Tgt Ion: 99 Resp: 209

Ion Ratio Lower Upper

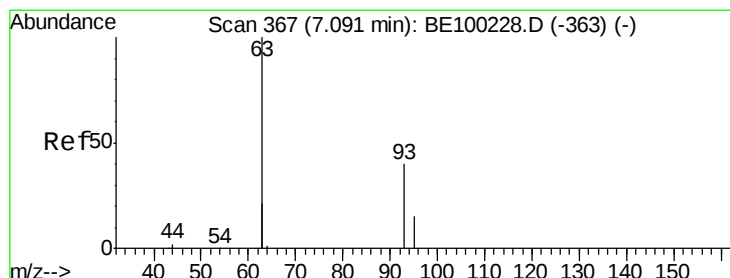
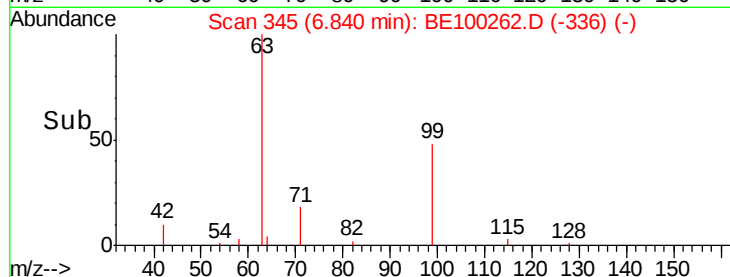
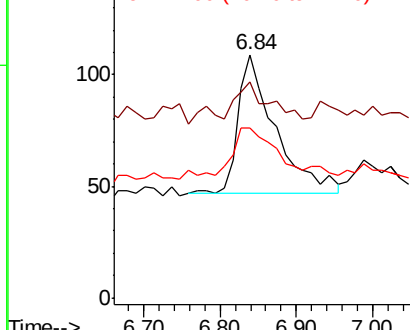
99 100

42 23.9 11.2 16.8#

71 36.4 37.2 55.8#



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



#6

bis(2-Chloroethyl)ether

Concen: 0.051 ng

RT: 7.08 min Scan# 366

Delta R.T. -0.01 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

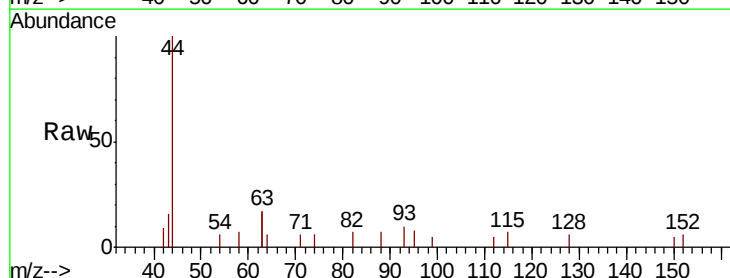
Tgt Ion: 93 Resp: 104

Ion Ratio Lower Upper

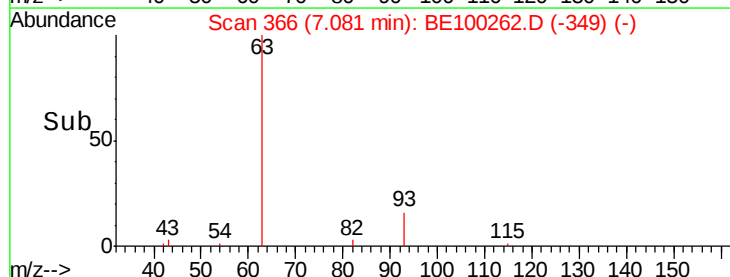
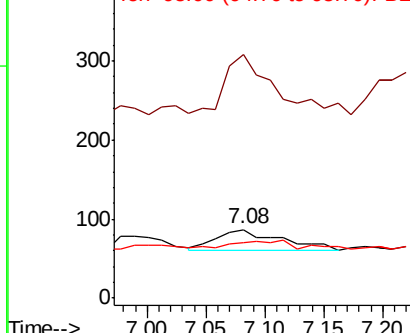
93 100

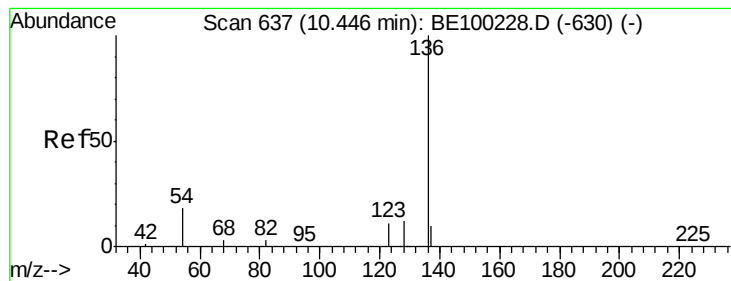
63 214.4 155.6 233.4

95 0.0 23.0 34.4#



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW167-061319DL

Tgt Ion: 136 Resp: 2833

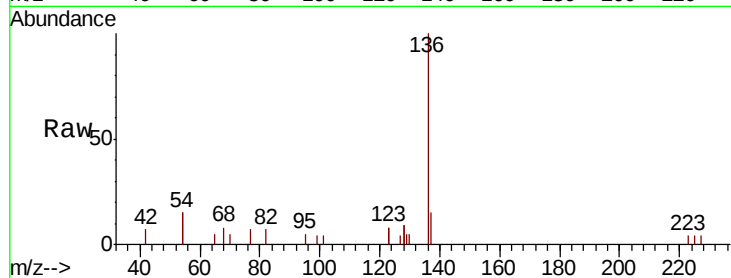
Ion Ratio Lower Upper

136 100

137 14.7 11.8 17.8

54 29.5 27.7 41.5

68 7.8 6.8 10.2

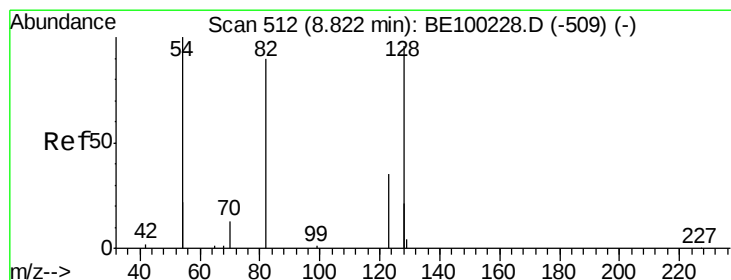
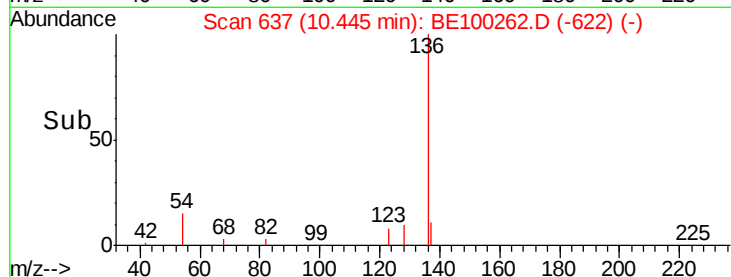
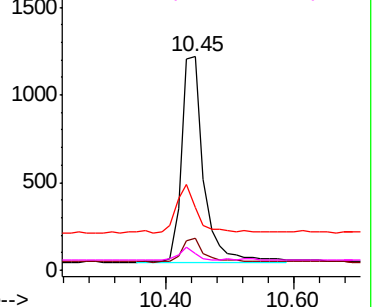


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.077 ng

RT: 8.82 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

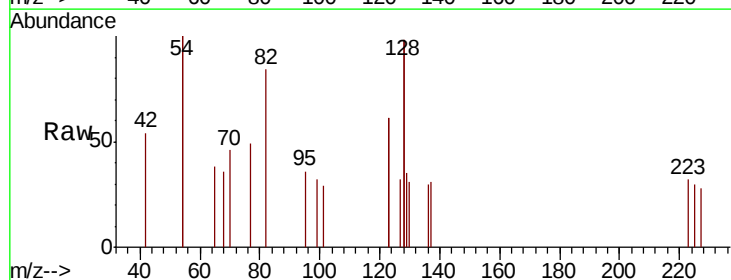
Tgt Ion: 82 Resp: 217

Ion Ratio Lower Upper

82 100

128 233.1 140.9 211.3#

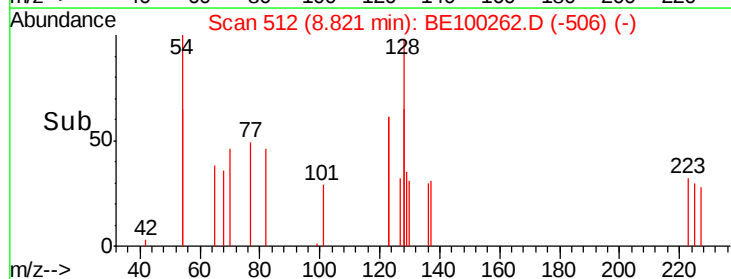
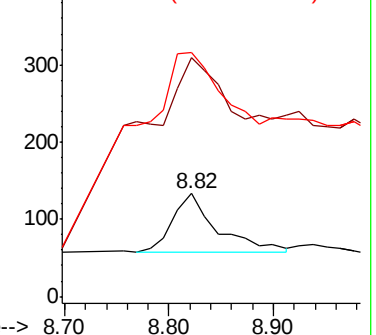
54 237.6 146.2 219.2#

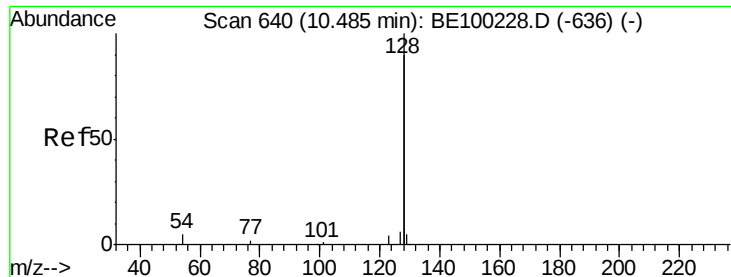


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.209 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW167-061319DL

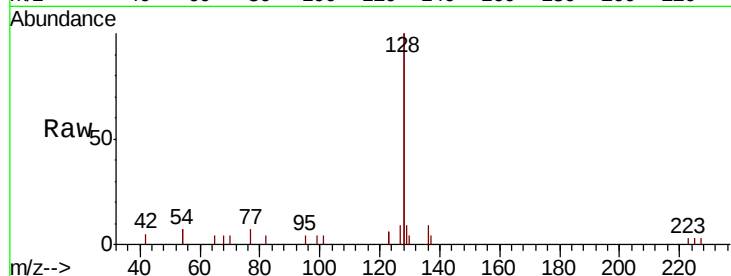
Tgt Ion:128 Resp: 6517

Ion Ratio Lower Upper

128 100

129 4.3 3.0 4.6

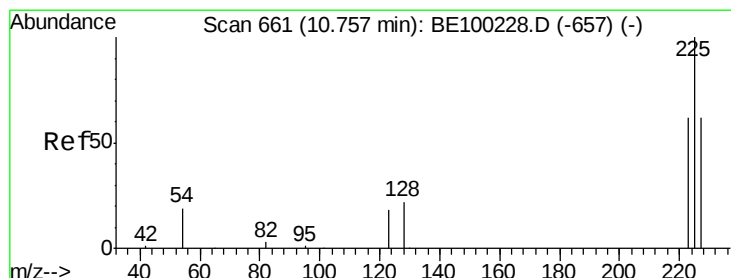
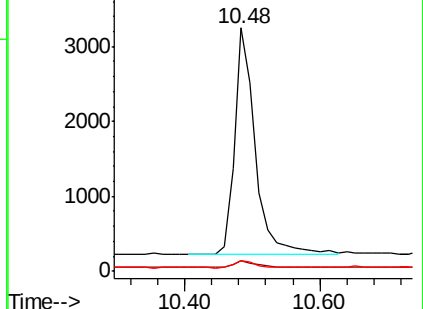
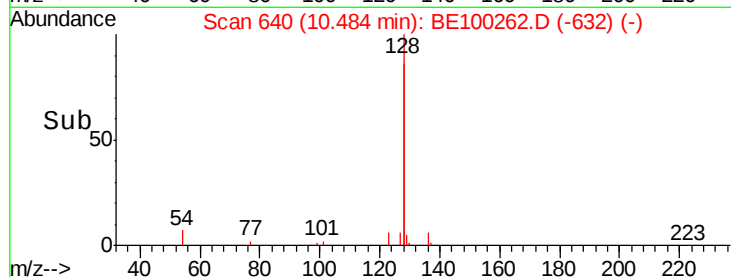
127 4.6 3.5 5.3



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: 0.037 ng

RT: 10.76 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

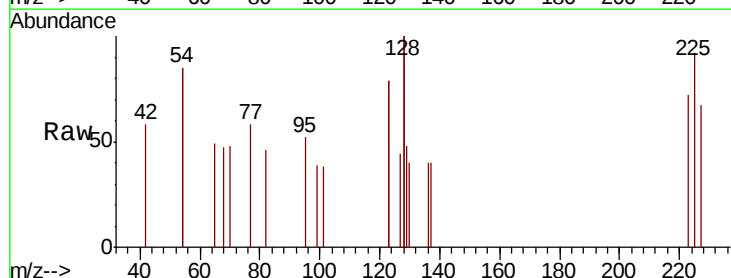
Tgt Ion:225 Resp: 112

Ion Ratio Lower Upper

225 100

223 72.3 49.1 73.7

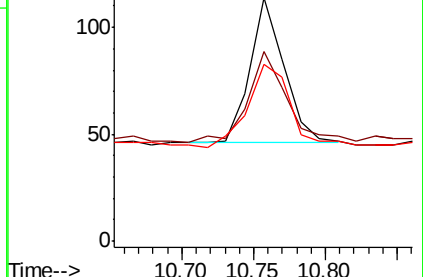
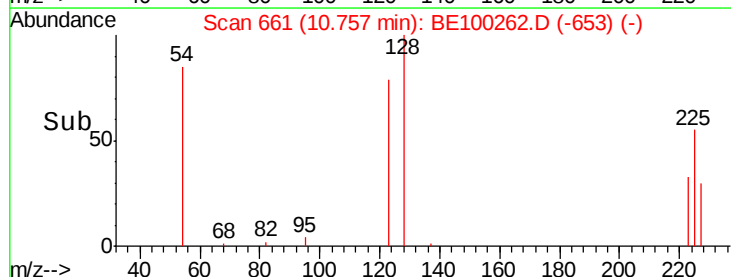
227 70.5 49.3 73.9

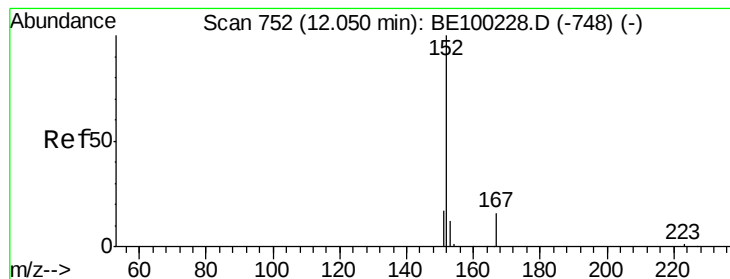


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.022 ng

RT: 12.05 min Scan# 752

Delta R.T. -0.00 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

Instrument :

BNA_E

ClientSampleId :

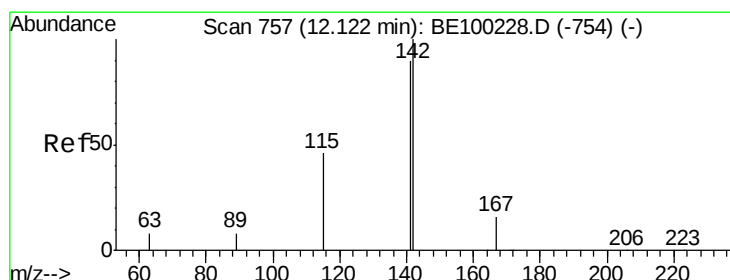
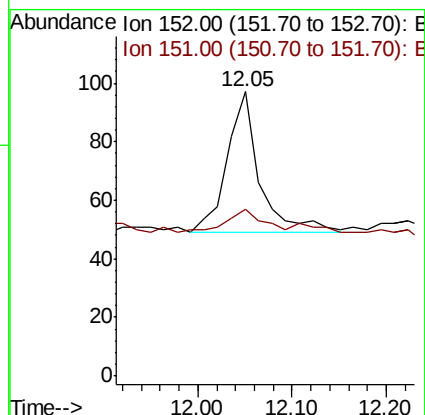
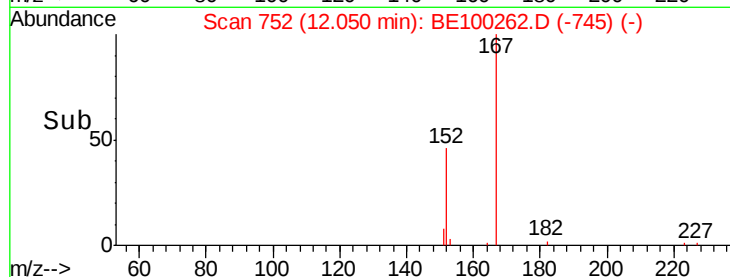
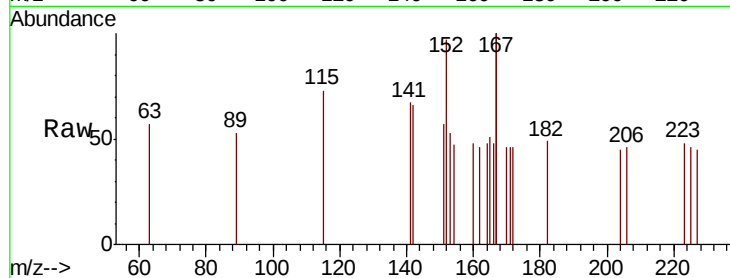
EXT-084-SW167-061319DL

Tgt Ion:152 Resp: 116

Ion Ratio Lower Upper

152 100

151 19.0 15.1 22.7



#12

2-Methylnaphthalene

Concen: 0.246 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

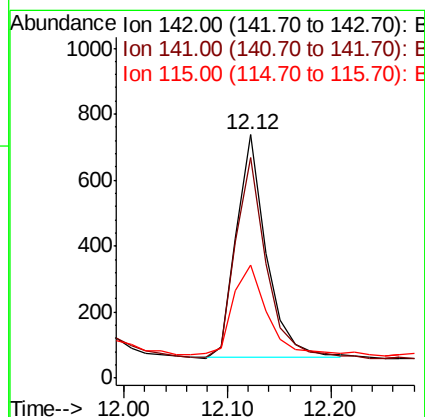
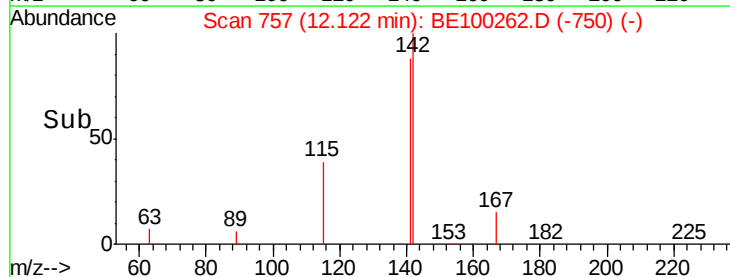
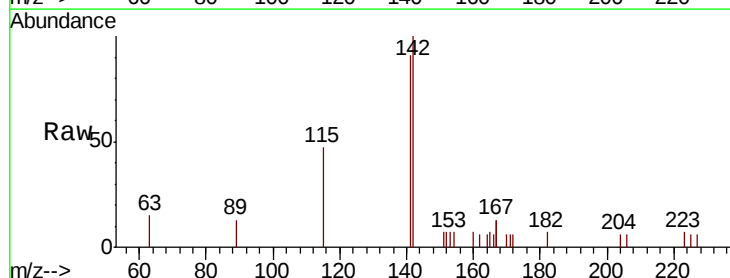
Tgt Ion:142 Resp: 1349

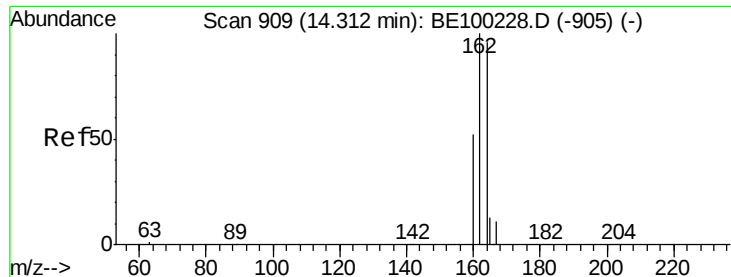
Ion Ratio Lower Upper

142 100

141 90.5 72.4 108.6

115 46.6 40.4 60.6

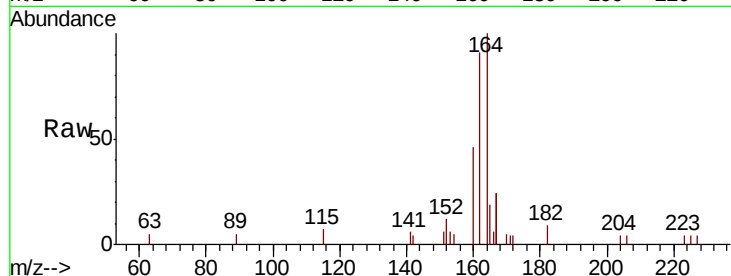




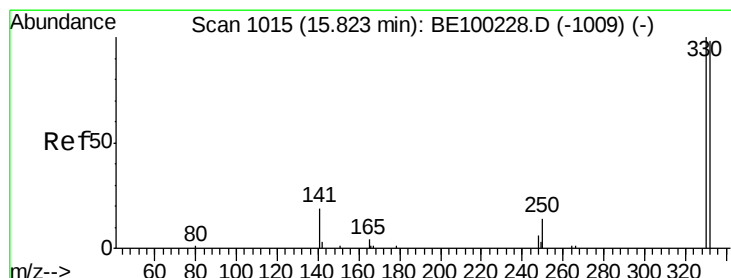
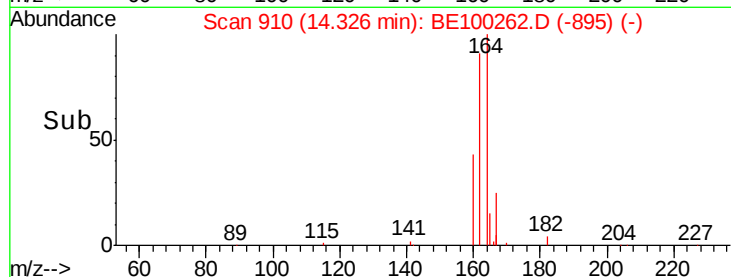
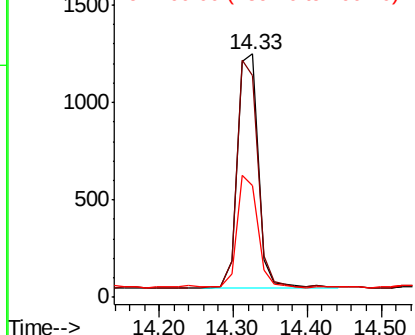
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. 0.01 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion:164 Resp: 2362
Ion Ratio Lower Upper
164 100
162 91.1 83.4 125.0
160 46.0 45.0 67.6

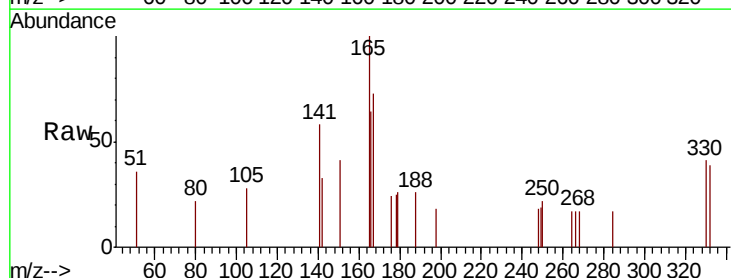


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

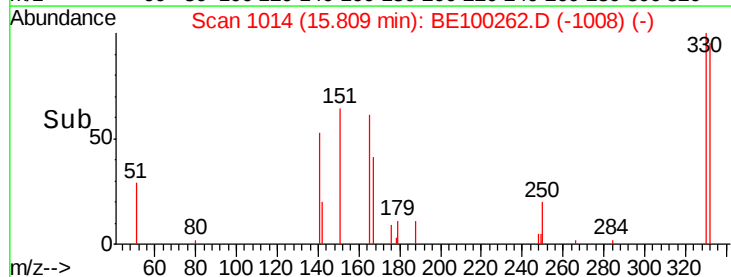
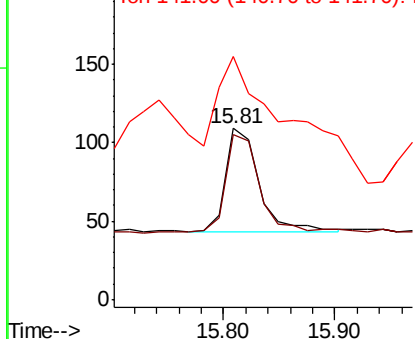


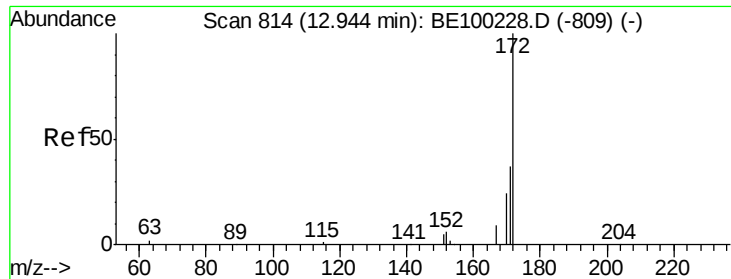
#14
2,4,6-Tribromophenol
Concen: 0.085 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion:330 Resp: 140
Ion Ratio Lower Upper
330 100
332 93.6 77.0 115.4
141 257.1 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

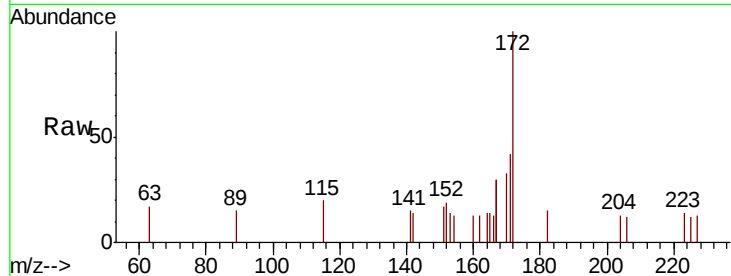




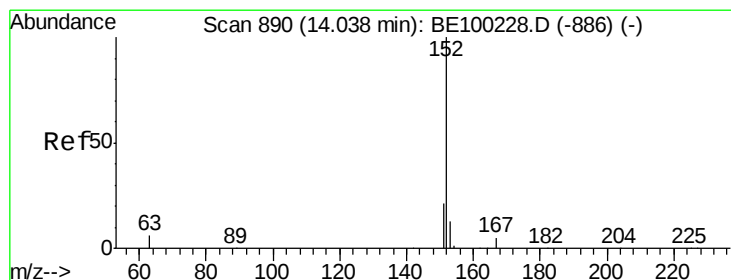
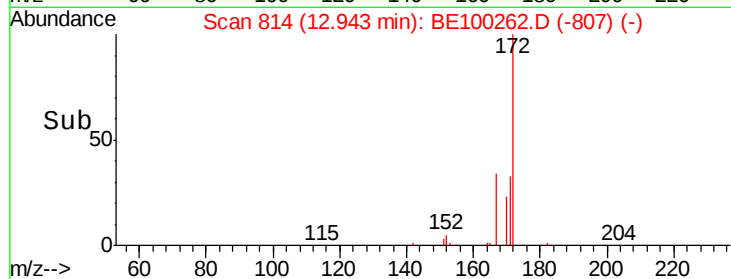
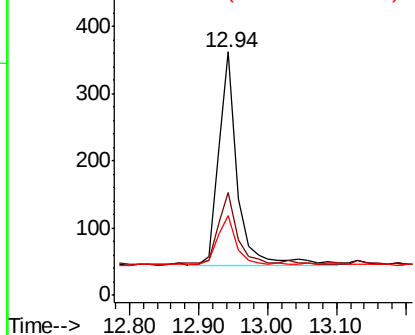
#15
2-Fluorobiphenyl
Concen: 0.066 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion:172 Resp: 606
Ion Ratio Lower Upper
172 100
171 42.3 31.9 47.9
170 32.9 22.2 33.2

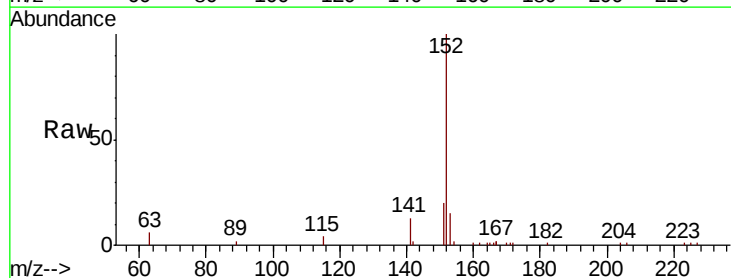


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

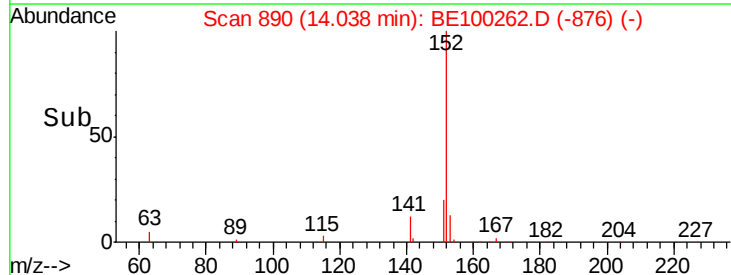
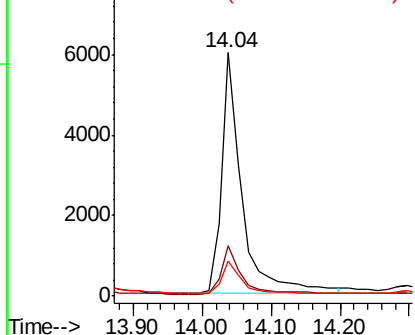


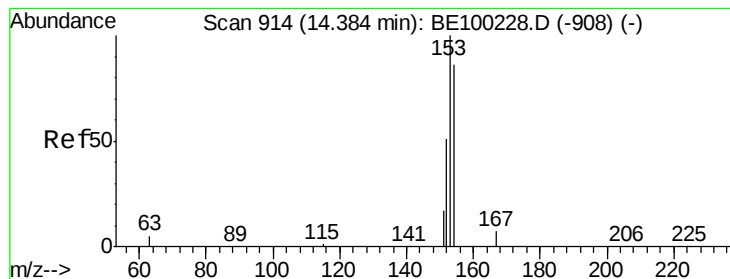
#16
Acenaphthylene
Concen: 1.091 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion:152 Resp: 12363
Ion Ratio Lower Upper
152 100
151 19.7 16.6 25.0
153 13.5 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: 0.188 ng

RT: 14.38 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW167-061319DL

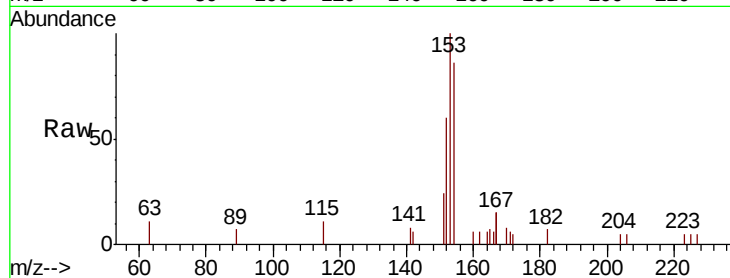
Tgt Ion:154 Resp: 1208

Ion Ratio Lower Upper

154 100

153 115.1 93.4 140.2

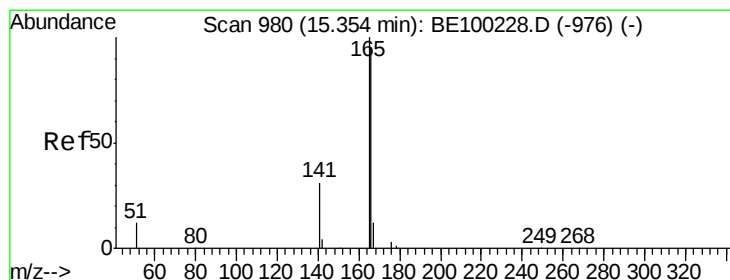
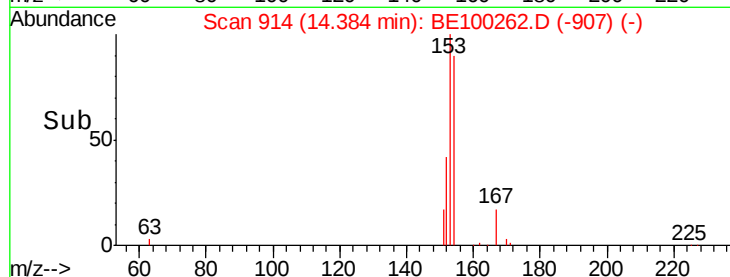
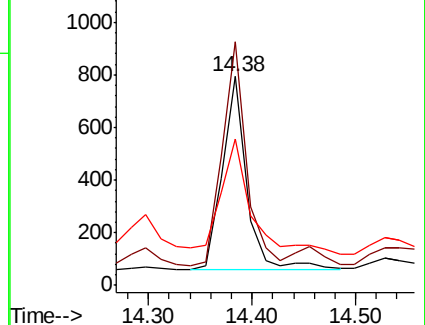
152 75.2 49.4 74.2#



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: 0.460 ng

RT: 15.35 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

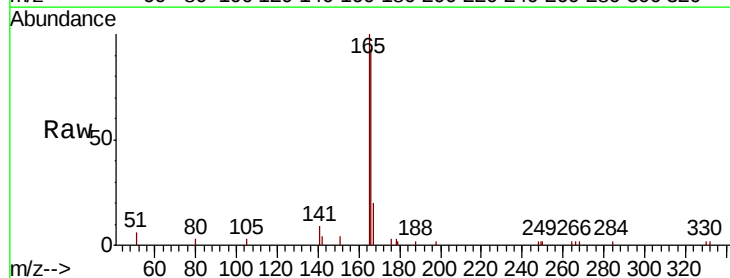
Tgt Ion:166 Resp: 4373

Ion Ratio Lower Upper

166 100

165 115.2 81.1 121.7

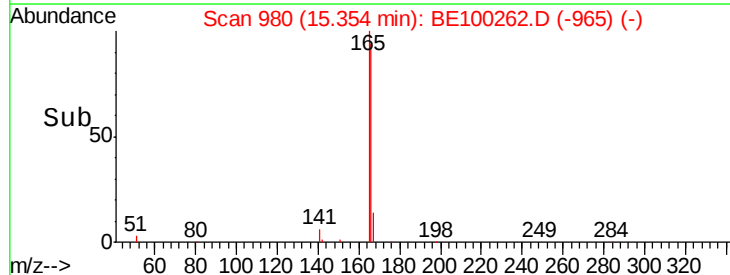
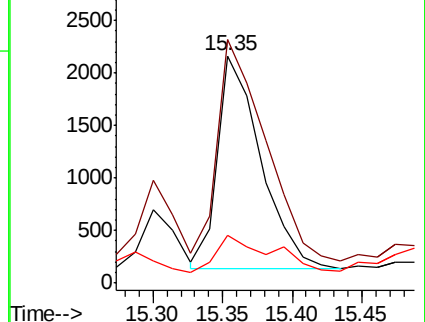
167 22.2 10.7 16.1#

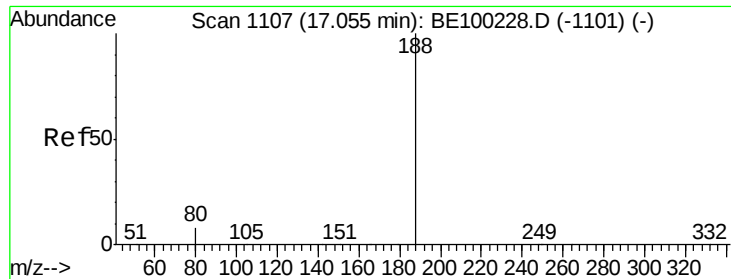


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

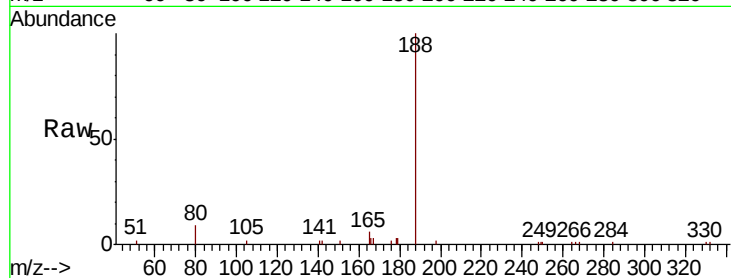




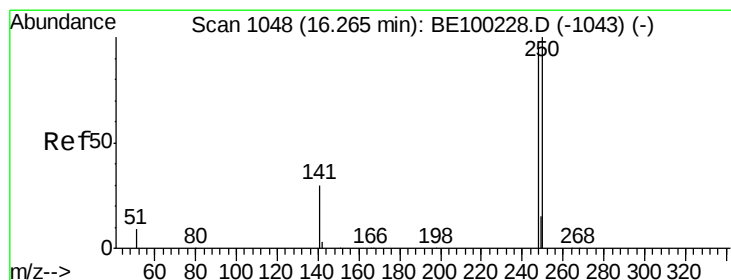
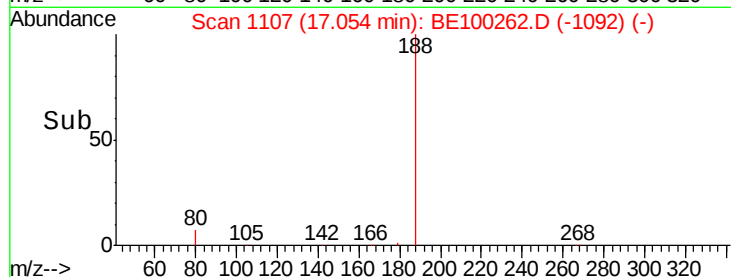
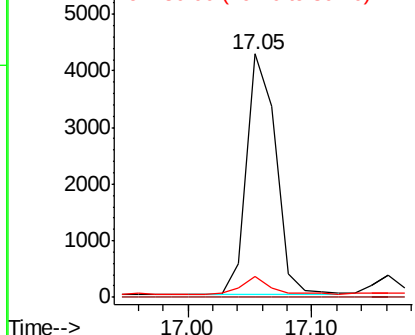
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion:188 Resp: 6914
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 7.6 11.4

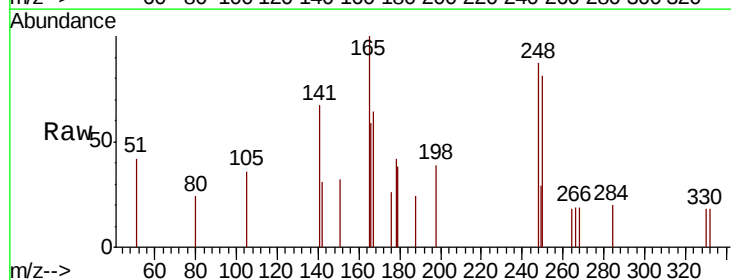


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

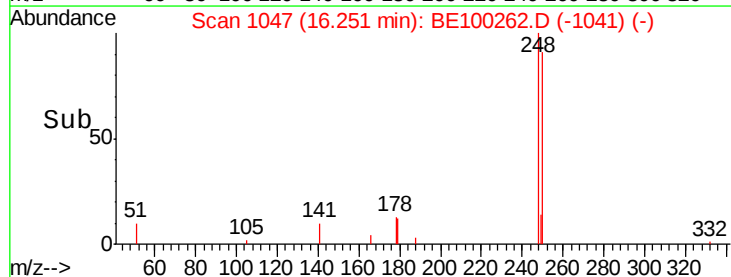
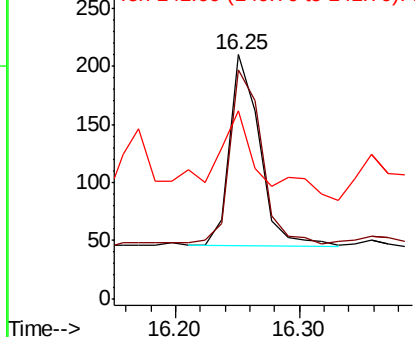


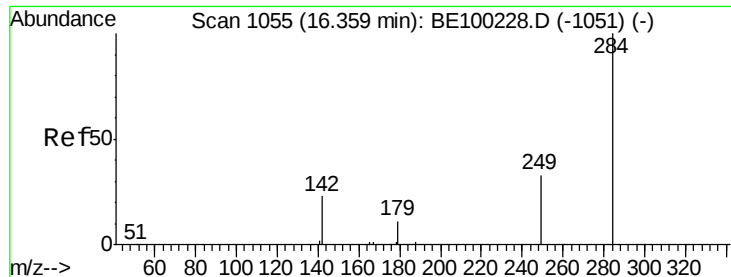
#20
4-Bromophenyl-phenylether
Concen: 0.062 ng
RT: 16.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion:248 Resp: 274
Ion Ratio Lower Upper
248 100
250 93.8 84.2 126.4
141 77.1 29.3 43.9#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.055 ng

RT: 16.37 min Scan# 1056

Delta R.T. 0.01 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW167-061319DL

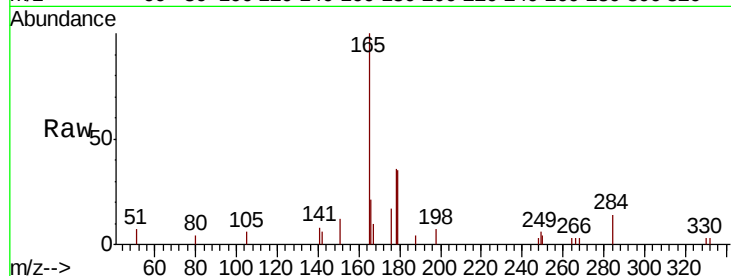
Tgt Ion:284 Resp: 251

Ion Ratio Lower Upper

284 100

142 32.7 18.8 28.2#

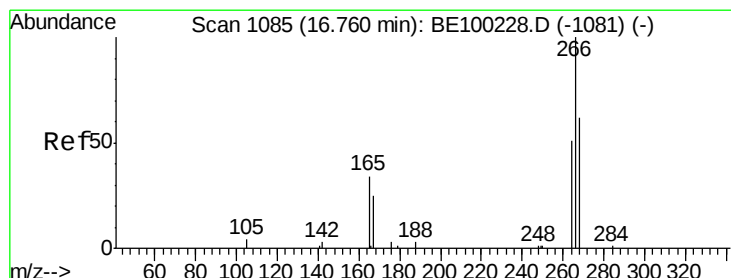
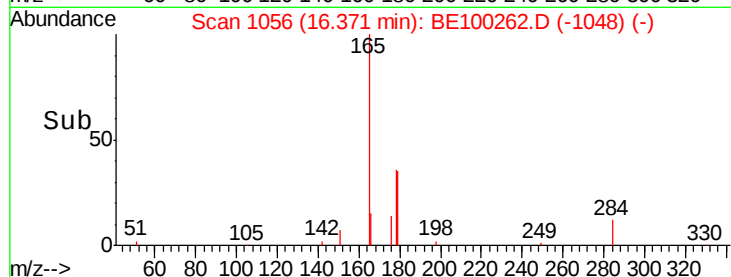
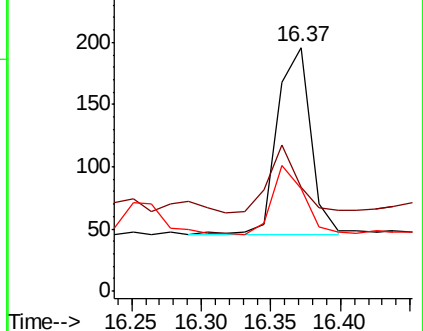
249 33.1 23.7 35.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.096 ng

RT: 16.72 min Scan# 1082

Delta R.T. -0.04 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

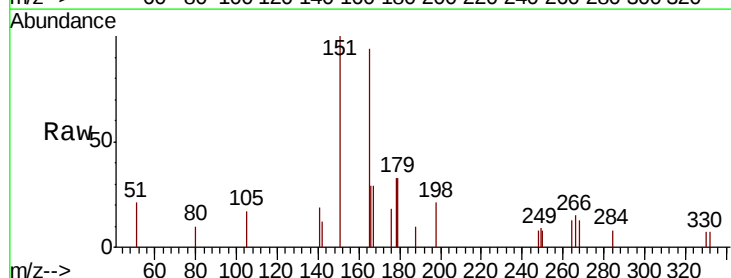
Tgt Ion:266 Resp: 132

Ion Ratio Lower Upper

266 100

264 81.5 56.2 84.2

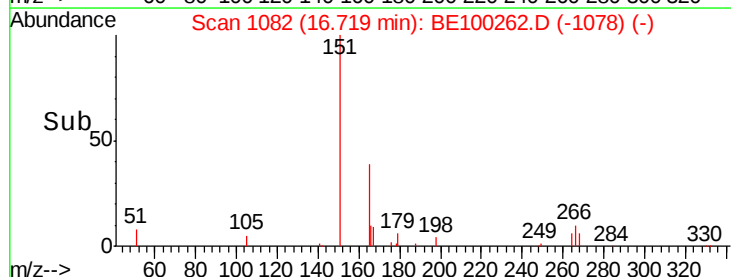
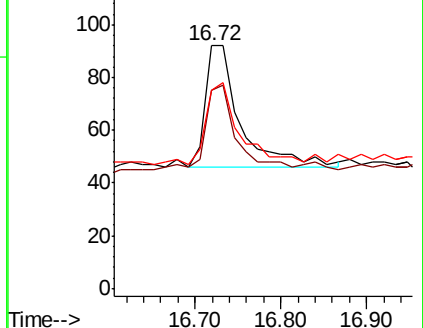
268 81.5 61.8 92.6

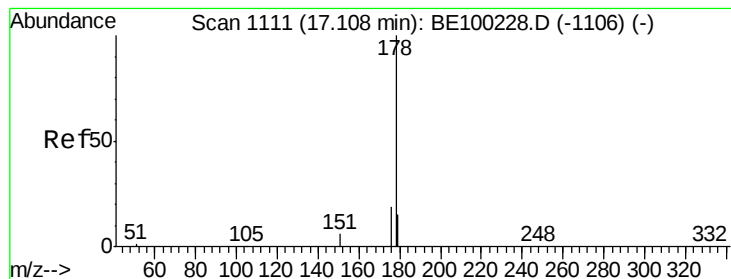


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 4.819 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW167-061319DL

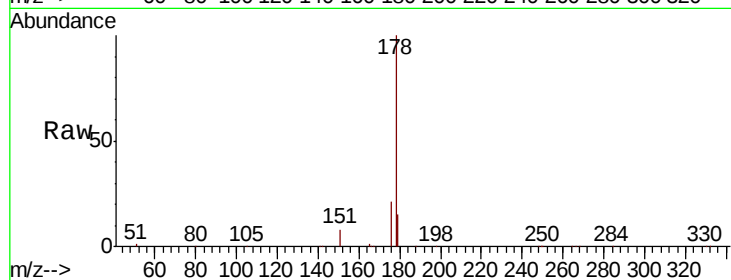
Tgt Ion:178 Resp: 80751

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

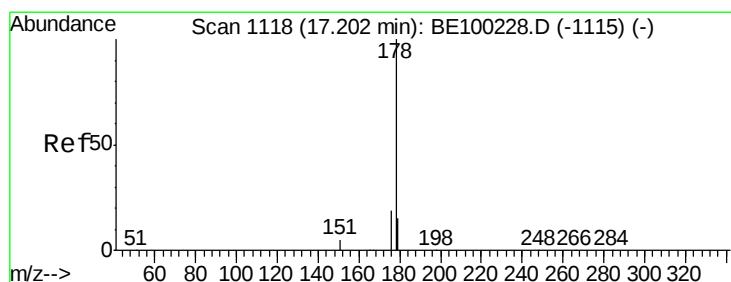
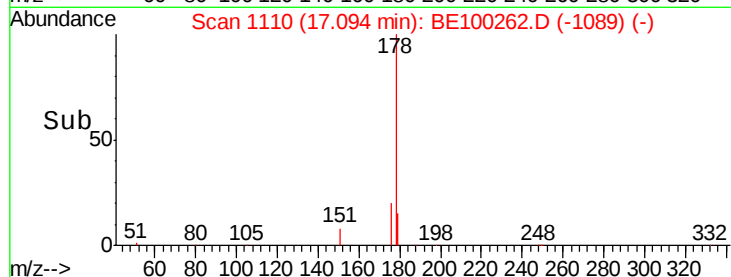
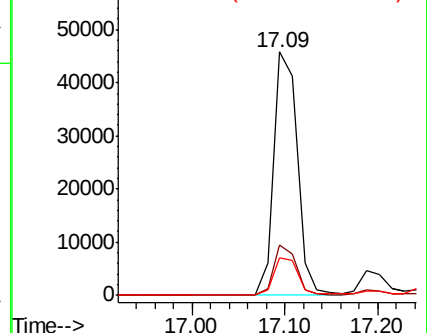
179 15.6 12.2 18.2



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: 0.501 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

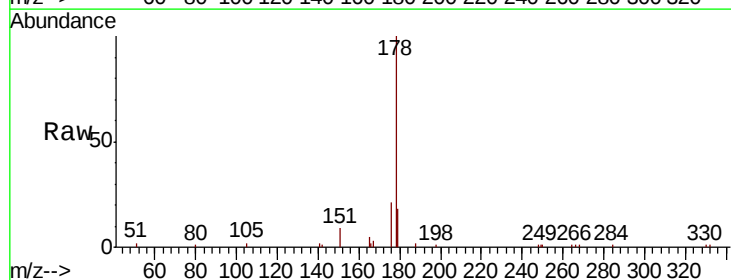
Tgt Ion:178 Resp: 7566

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

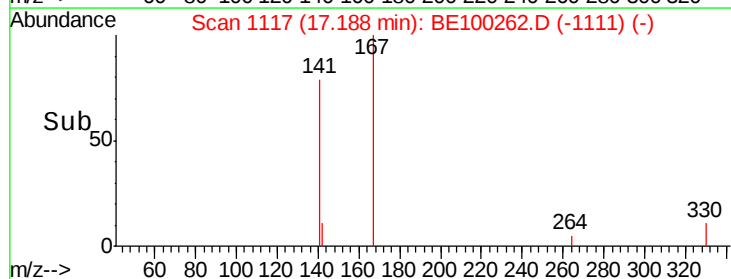
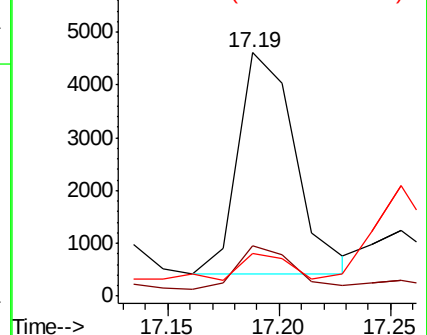
179 10.7 12.2 18.2#

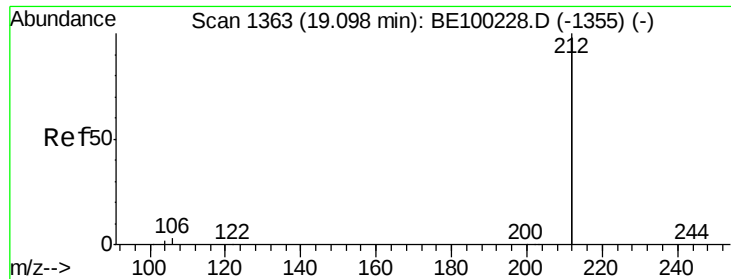


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.018 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW167-061319DL

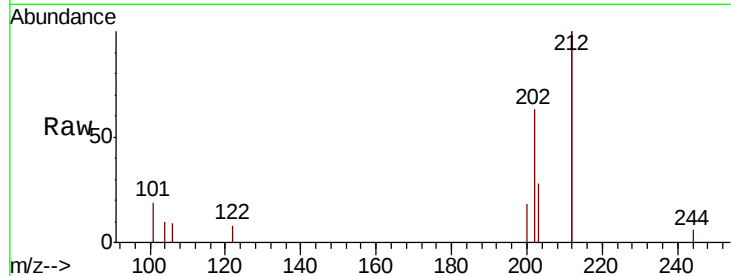
Tgt Ion: 212 Resp: 1850

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

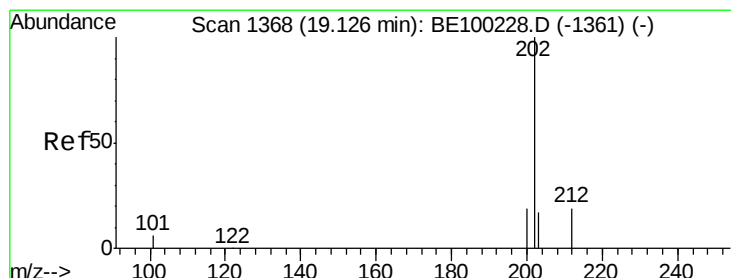
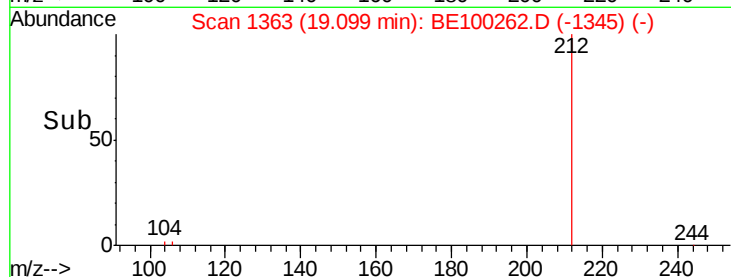
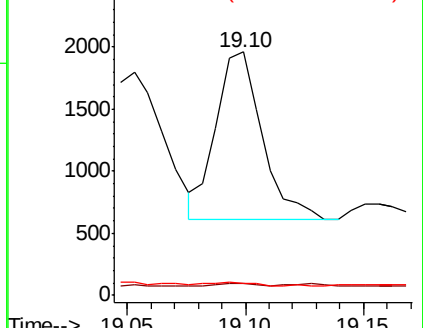
104 2.4 0.8 1.2#



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: 4.108 ng

RT: 19.13 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

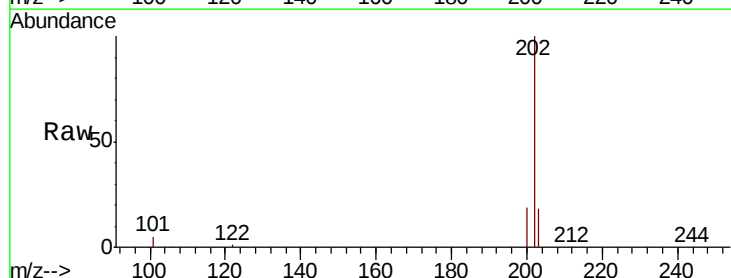
Tgt Ion: 202 Resp: 109638

Ion Ratio Lower Upper

202 100

101 5.8 4.6 7.0

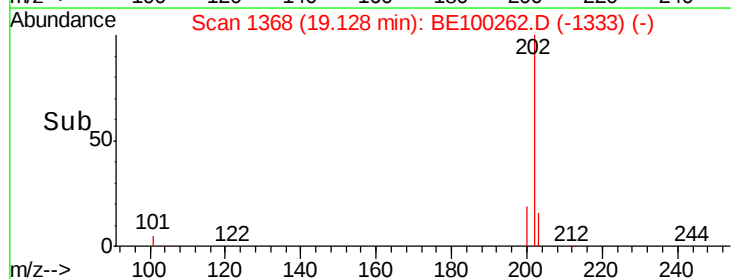
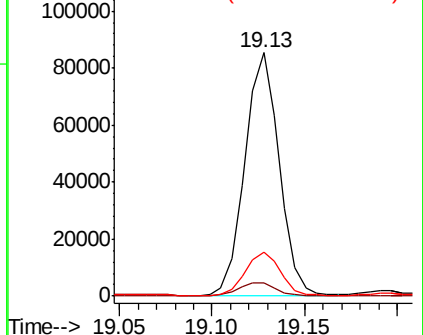
203 18.2 13.7 20.5

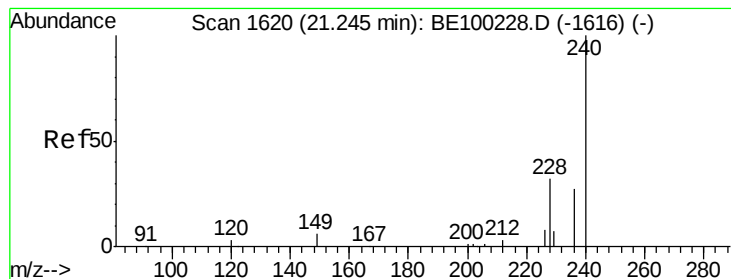


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW167-061319DL

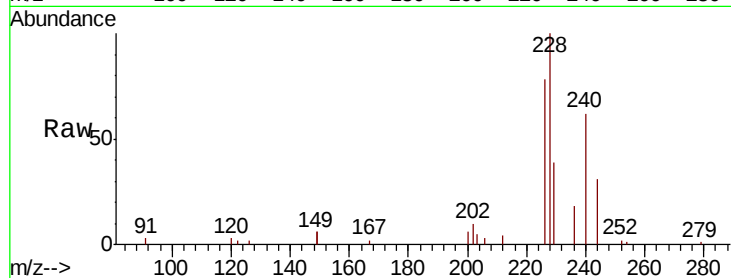
Tgt Ion:240 Resp: 9204

Ion Ratio Lower Upper

240 100

120 4.8 3.3 4.9

236 29.4 22.6 34.0

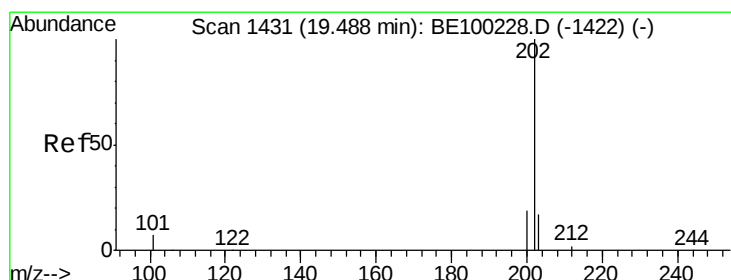
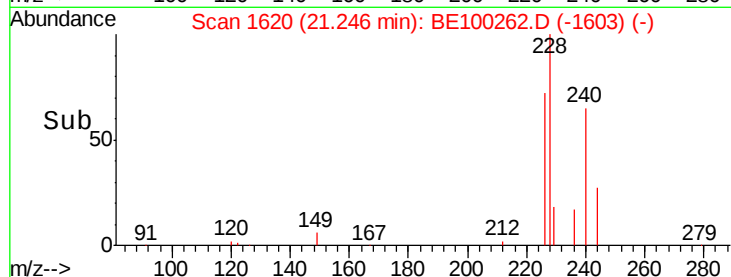
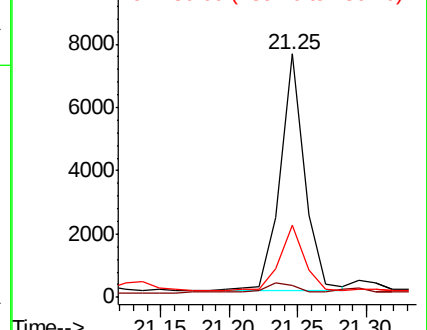


Abundance

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: 7.496 ng

RT: 19.49 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

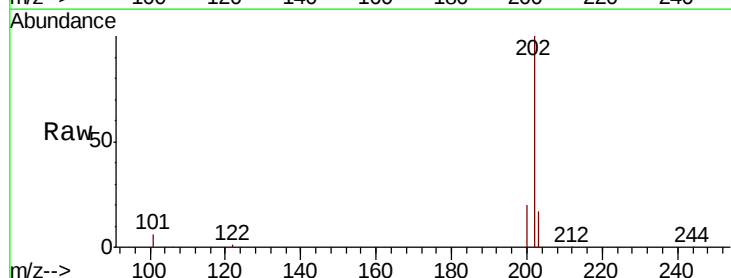
Tgt Ion:202 Resp: 182673

Ion Ratio Lower Upper

202 100

200 19.6 15.6 23.4

203 20.0 14.0 21.0

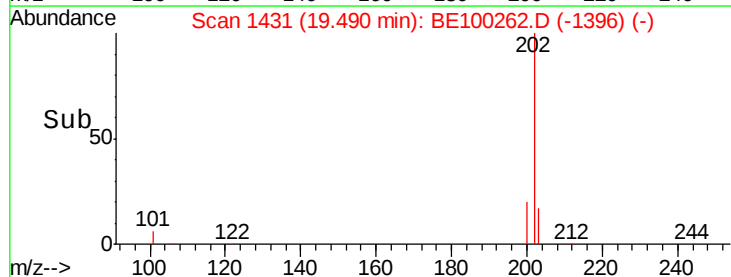
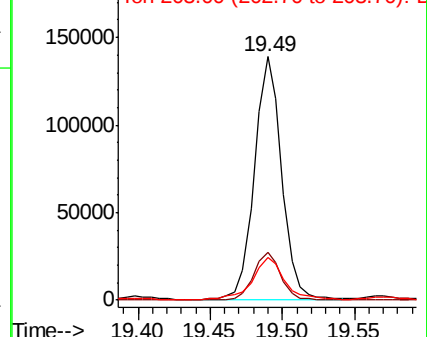


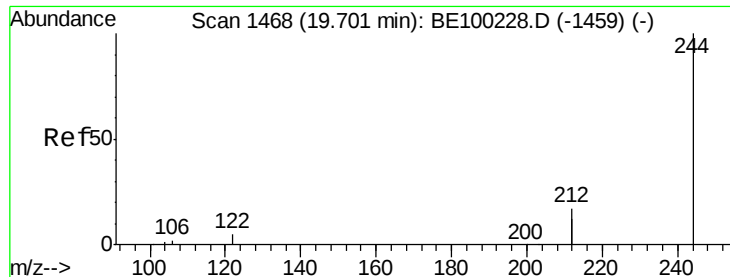
Abundance

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: 0.149 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW167-061319DL

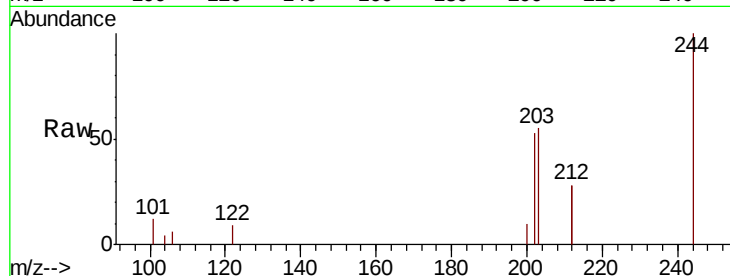
Tgt Ion:244 Resp: 2848

Ion Ratio Lower Upper

244 100

212 55.5 27.3 40.9#

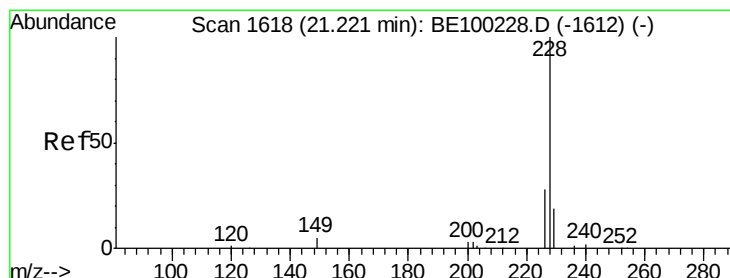
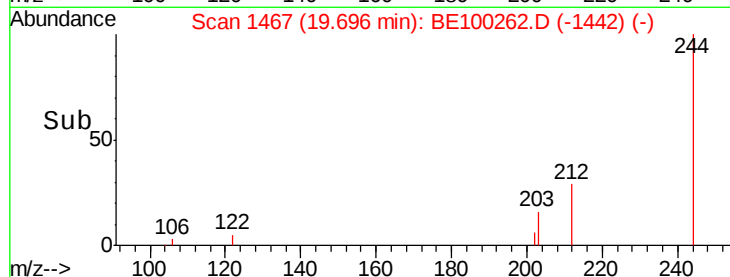
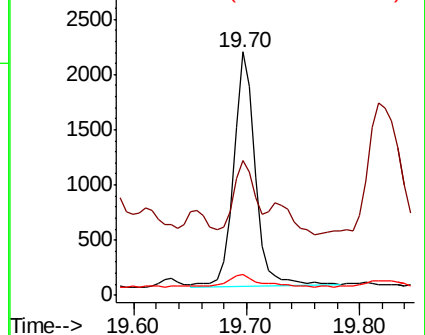
122 8.7 4.7 7.1#



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: 3.844 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.06 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

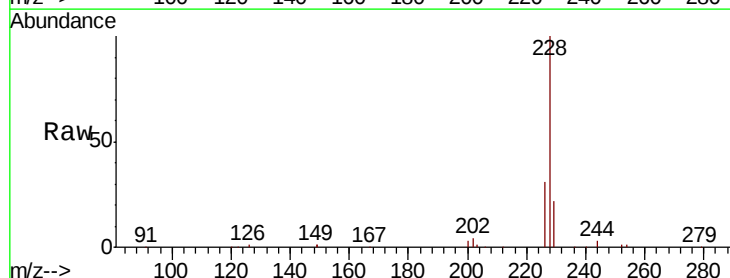
Tgt Ion:228 Resp: 116319

Ion Ratio Lower Upper

228 100

226 31.1 23.2 34.8

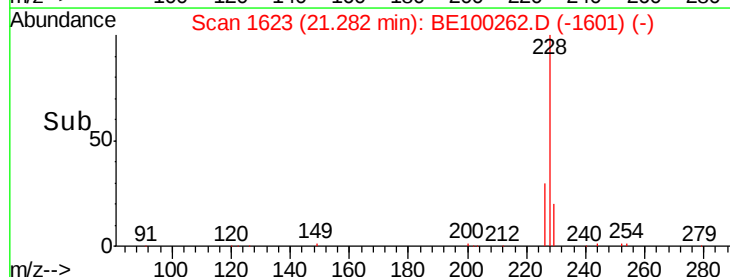
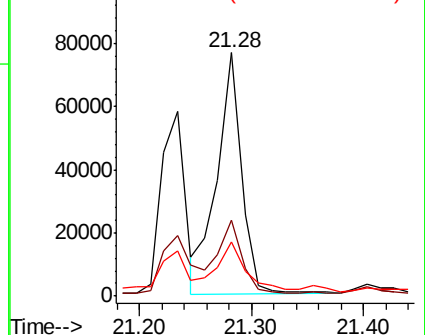
229 22.3 15.7 23.5

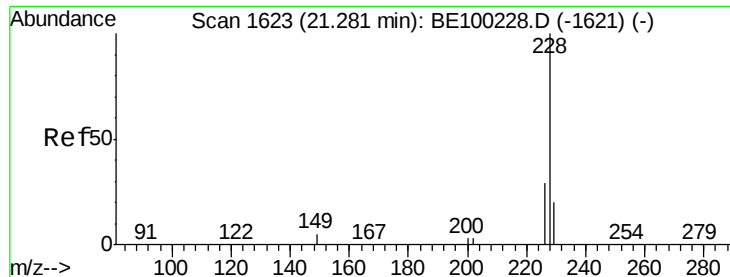


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.807 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW167-061319DL

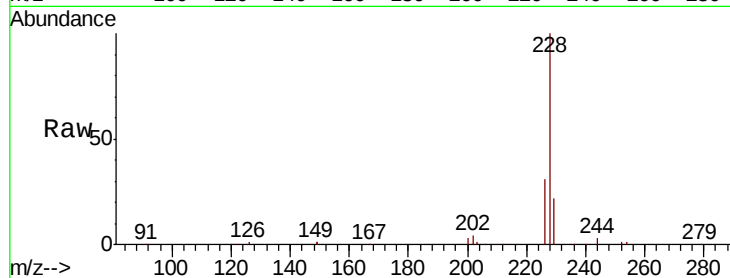
Tgt Ion:228 Resp: 115696

Ion Ratio Lower Upper

228 100

226 31.1 23.9 35.9

229 22.3 16.5 24.7

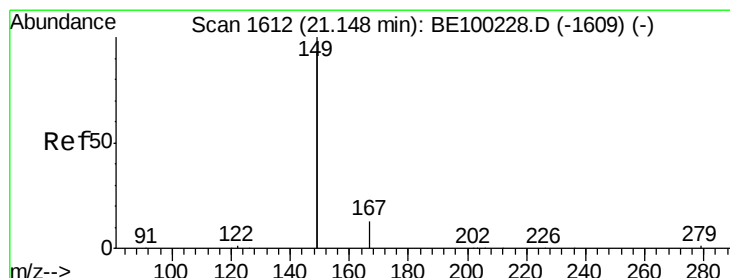
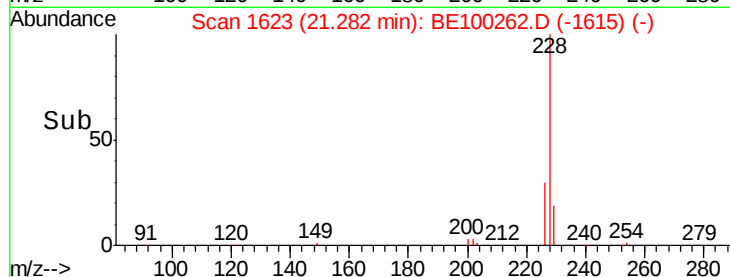
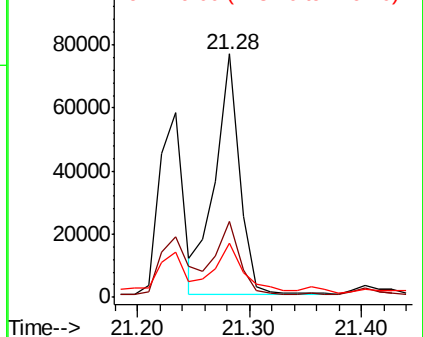


Abundance

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: 0.048 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

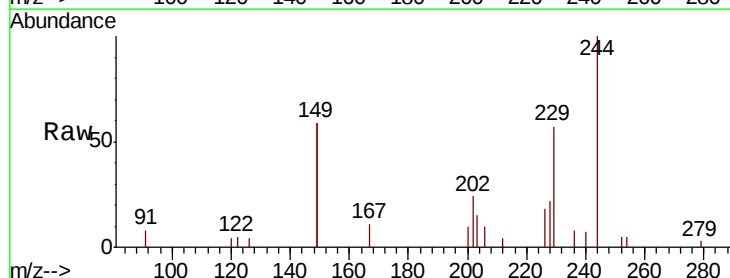
Tgt Ion:149 Resp: 4508

Ion Ratio Lower Upper

149 100

167 8.0 5.8 8.8

279 2.8 1.1 1.7#

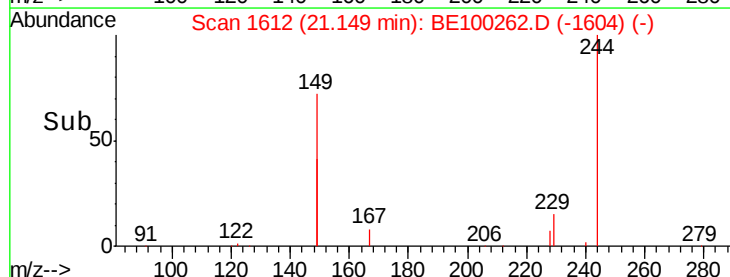
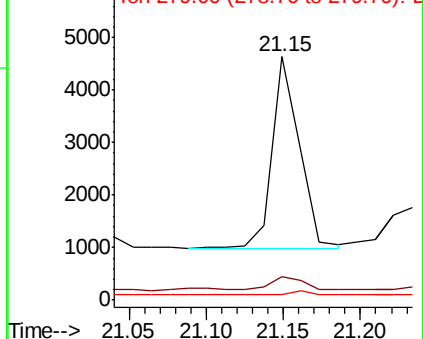


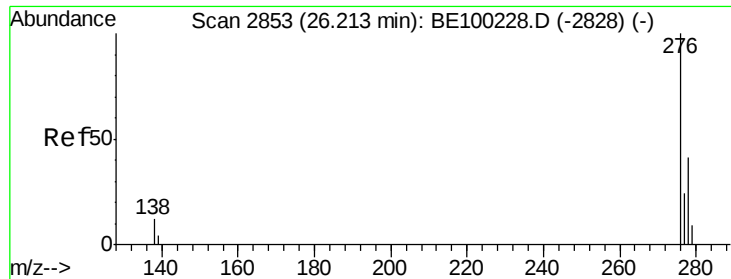
Abundance

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: 1.223 ng

RT: 26.23 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW167-061319DL

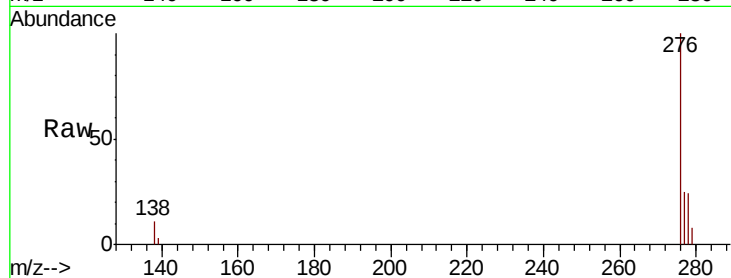
Tgt Ion:276 Resp: 49141

Ion Ratio Lower Upper

276 100

138 9.9 9.4 14.0

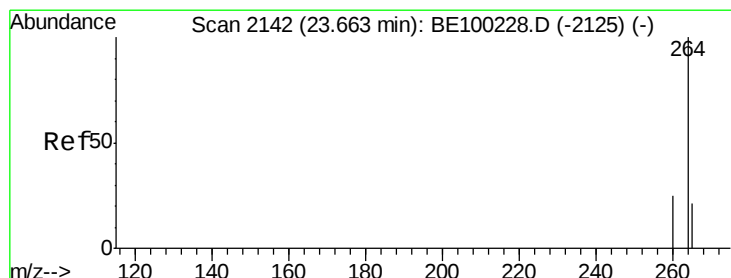
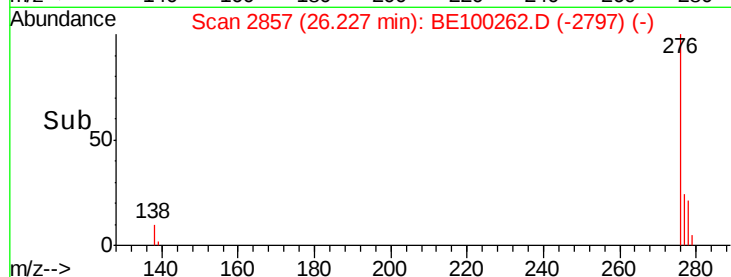
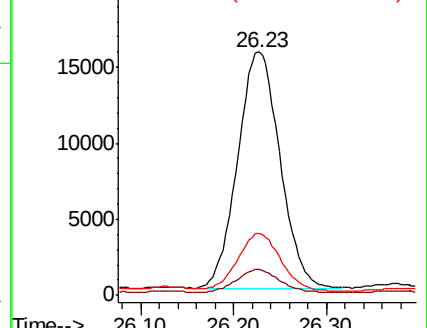
277 24.9 19.2 28.8



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: BE100262.D

Acq: 1 Jul 2019 13:06

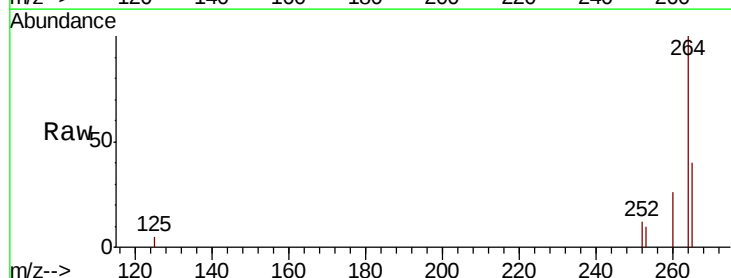
Tgt Ion:264 Resp: 11000

Ion Ratio Lower Upper

264 100

260 26.4 20.8 31.2

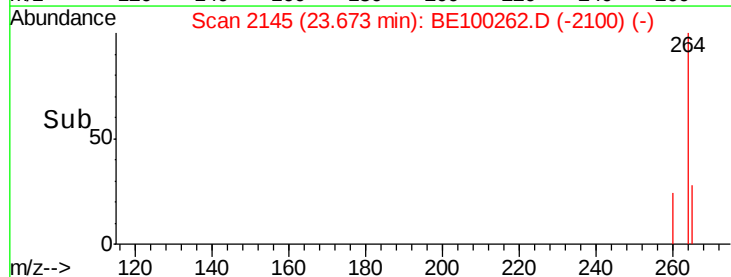
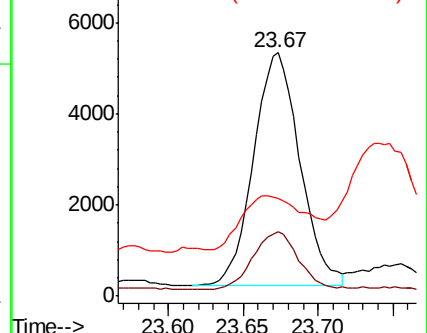
265 40.1 21.8 32.6#

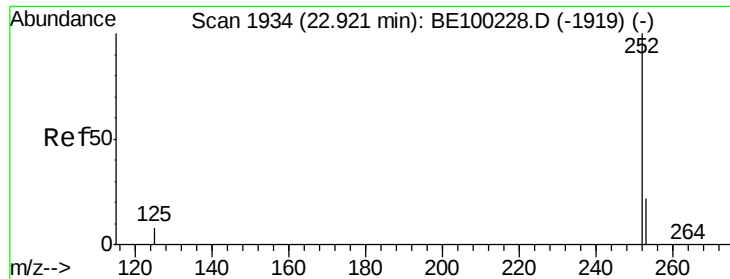


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 2.830 ng

RT: 22.93 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW167-061319DL

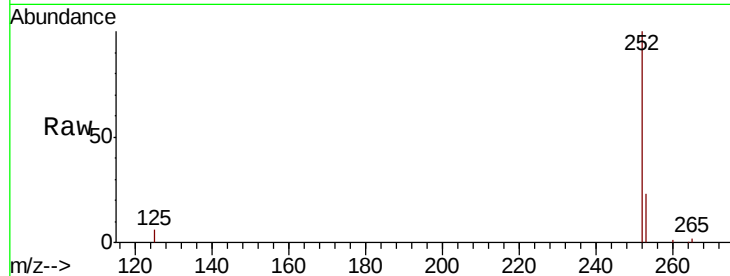
Tgt Ion:252 Resp: 84411

Ion Ratio Lower Upper

252 100

253 23.1 19.2 28.8

125 5.6 7.4 11.0#

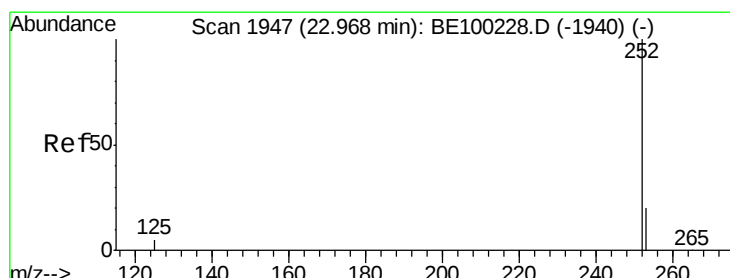
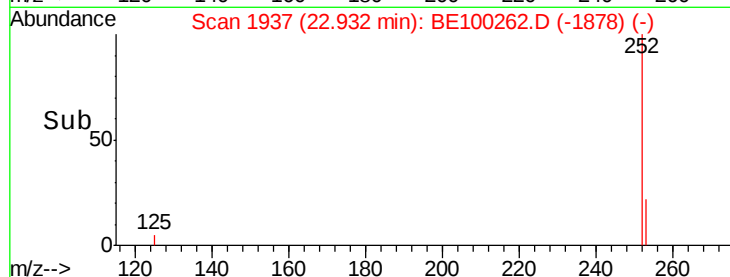
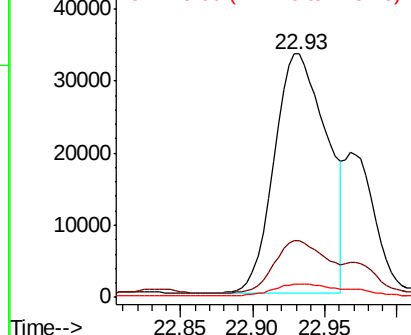


Abundance

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



#36

Benzo(k)fluoranthene

Concen: 2.536 ng

RT: 22.93 min Scan# 1937

Delta R.T. -0.04 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

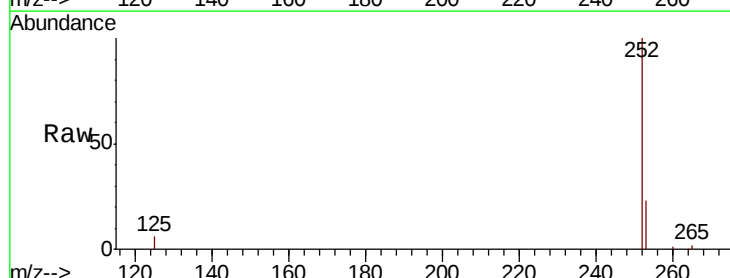
Tgt Ion:252 Resp: 84411

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

125 5.6 5.0 7.4

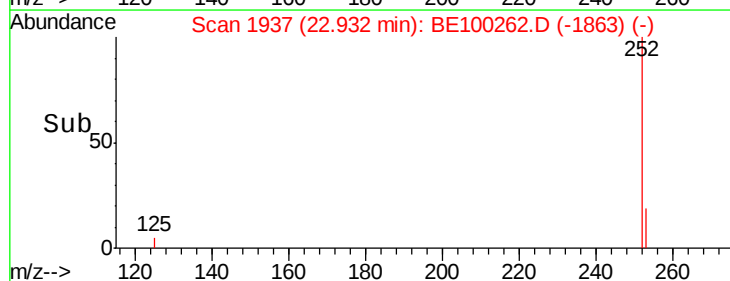
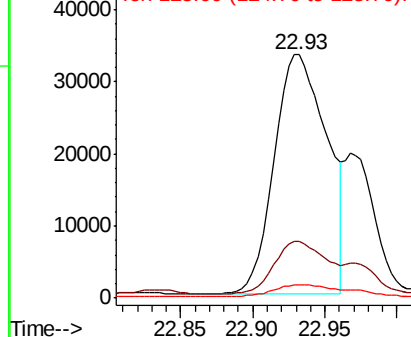


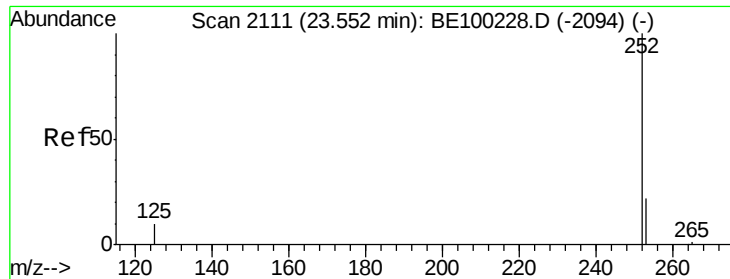
Abundance

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: 2.564 ng

RT: 23.56 min Scan# 2113

Delta R.T. 0.01 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW167-061319DL

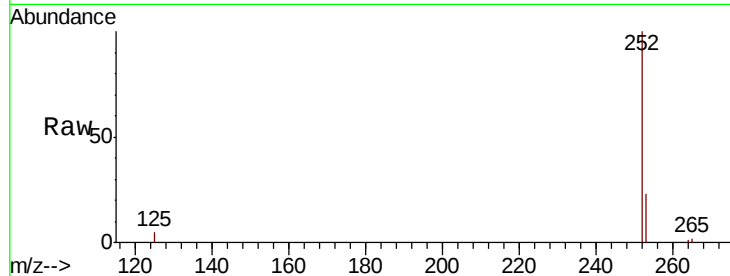
Tgt Ion:252 Resp: 76639

Ion Ratio Lower Upper

252 100

253 23.3 19.6 29.4

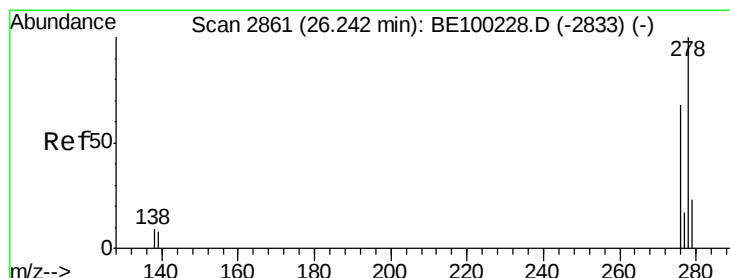
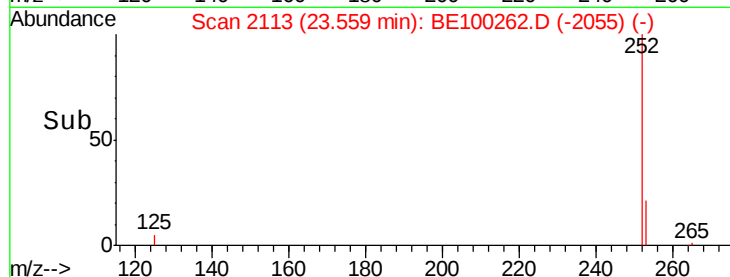
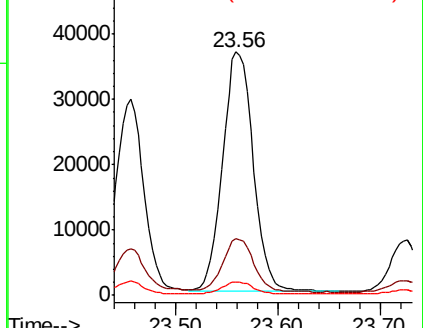
125 5.5 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.504 ng

RT: 26.25 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BE100262.D

Acq: 1 Jul 2019 13:06

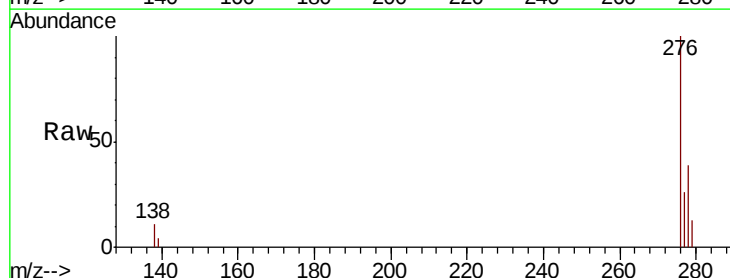
Tgt Ion:278 Resp: 15720

Ion Ratio Lower Upper

278 100

139 10.8 8.2 12.2

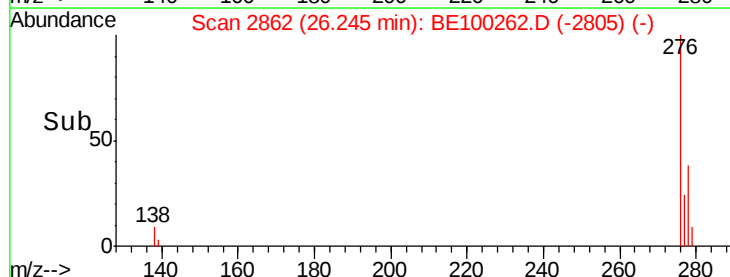
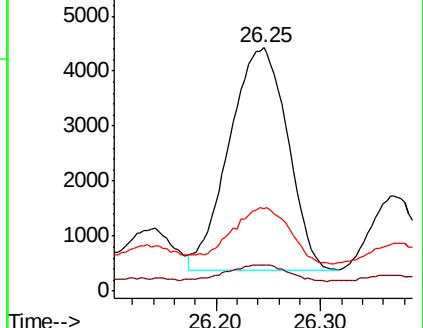
279 34.0 20.3 30.5#

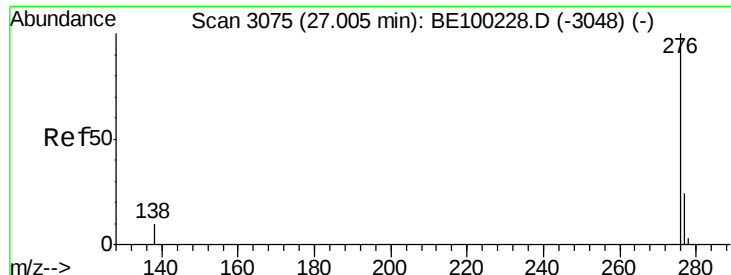


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 1.840 ng

RT: 27.02 min Scan# 3079

Delta R.T. 0.01 min

Lab File: BE100262.D

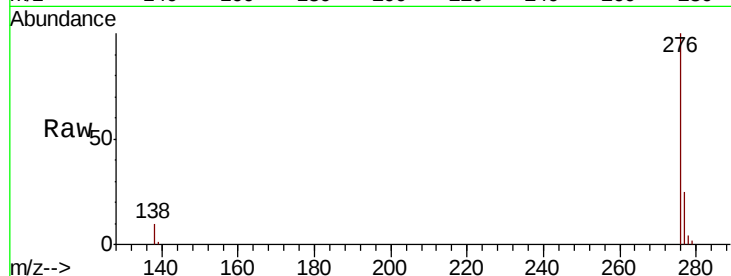
Acq: 1 Jul 2019 13:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW167-061319DL



Tgt Ion: 276 Resp: 58997

Ion Ratio Lower Upper

276 100

277 24.8 20.2 30.2

138 10.2 9.0 13.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

