

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
 Data File : BE100152.D
 Acq On : 22 Jun 2019 2:49
 Operator : JU/SJ
 Sample : K3428-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-013-SW163-061319

Quant Time: Jun 22 03:26:58 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 19 15:07:24 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	824	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	3178	0.40	ng	-0.01
13) Acenaphthene-d10	14.40	164	2730	0.40	ng	-0.01
19) Phenanthrene-d10	17.15	188	7809	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	10527	0.40	ng	0.00
34) Perylene-d12	23.84	264	12396	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.29	112	646	0.38	ng	0.00
5) Phenol-d6	6.90	99	1001	0.43	ng	-0.03
8) Nitrobenzene-d5	8.90	82	1068	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	186	0.03	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	627	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	3013	0.28	ng	-0.03
25) Fluoranthene-d10	19.19	212	1990	0.02	ng	0.00
29) Terphenyl-d14	19.79	244	5951	0.28	ng	-0.02

Target Compounds

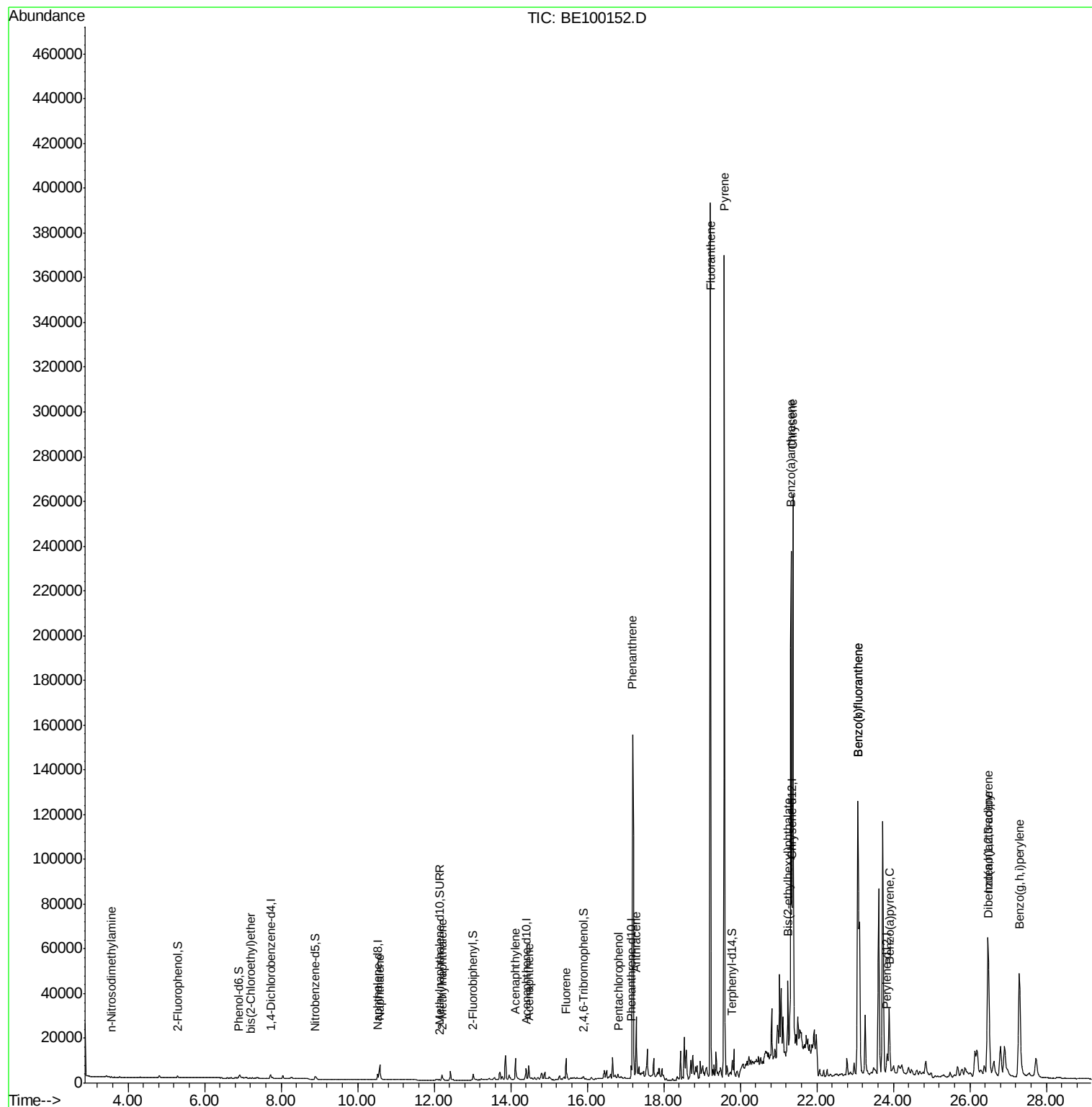
						Qvalue
3) n-Nitrosodimethylamine	3.56	42	15	0.359	ng	# 100
6) bis(2-Chloroethyl)ether	7.21	93	7	0.036	ng	# 1
9) Naphthalene	10.57	128	11540	0.334	ng	99
12) 2-Methylnaphthalene	12.21	142	1940	0.342	ng	96
16) Acenaphthylene	14.13	152	12000	0.926	ng	98
17) Acenaphthene	14.47	154	3209	0.443	ng	94
18) Fluorene	15.45	166	8413	0.780	ng	# 90
22) Pentachlorophenol	16.81	266	30	0.260	ng	98
23) Phenanthrene	17.19	178	168254	8.993	ng	99
24) Anthracene	17.28	178	29044	1.841	ng	# 95
26) Fluoranthene	19.22	202	356751	11.878	ng	98
28) Pyrene	19.58	202	358805	13.261	ng	# 96
30) Benzo(a)anthracene	21.33	228	236603	7.555	ng	98
31) Chrysene	21.38	228	205700	5.653	ng	97
32) Bis(2-ethylhexyl)phthalate	21.24	149	31046	1.051	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.48	276	124807	3.048	ng	# 98
35) Benzo(b)fluoranthene	23.07	252	246303	6.771	ng	# 97
36) Benzo(k)fluoranthene	23.07	252	246303	5.952	ng	99
37) Benzo(a)pyrene	23.89	252	38404	1.094	ng	94
38) Dibenzo(a,h)anthracene	26.50	278	32843	0.913	ng	92
39) Benzo(g,h,i)perylene	27.29	276	126951	3.394	ng	# 95

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
Data File : BE100152.D
Acq On : 22 Jun 2019 2:49
Operator : JU/SJ
Sample : K3428-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW163-061319

Quant Time: Jun 22 03:26:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration



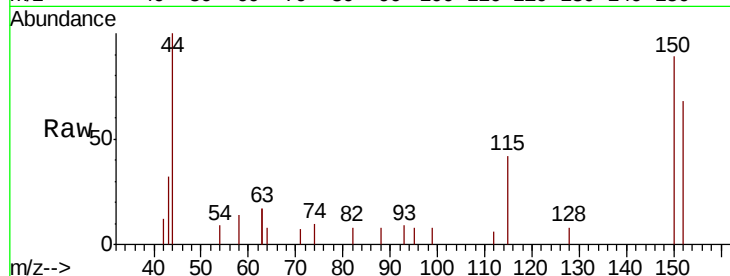


#1

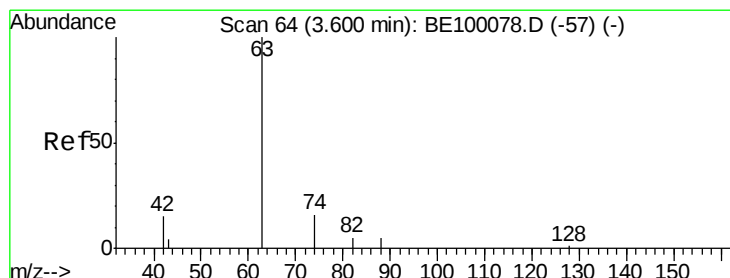
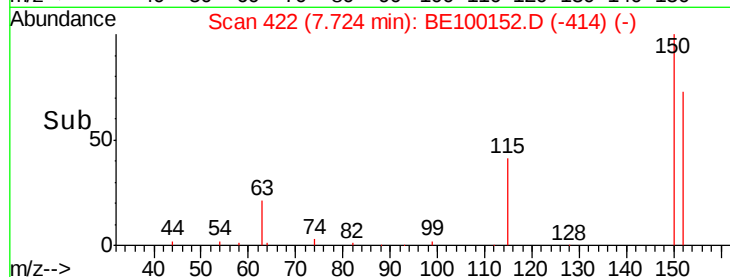
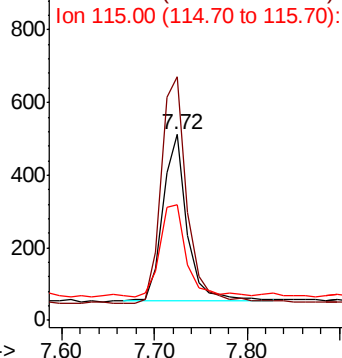
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100152.D
Acq: 22 Jun 2019 2:49

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW163-061319

Tgt Ion: 152 Resp: 824
Ion Ratio Lower Upper
152 100
150 131.3 99.8 149.8
115 62.0 51.3 76.9



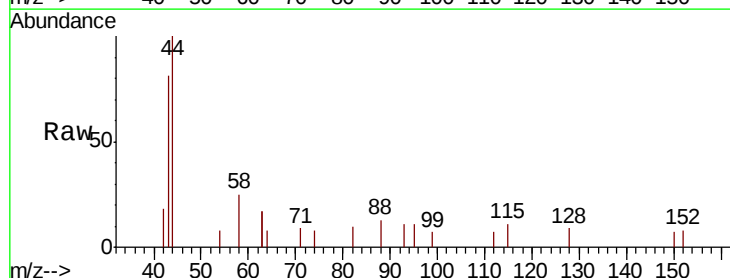
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



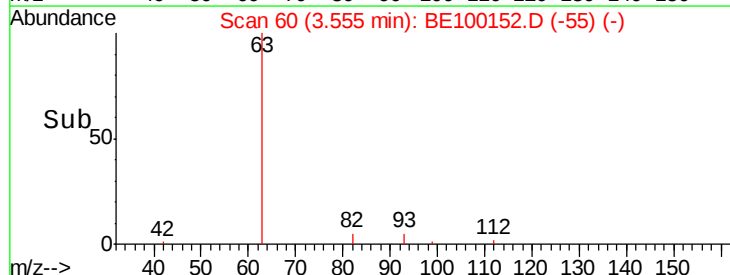
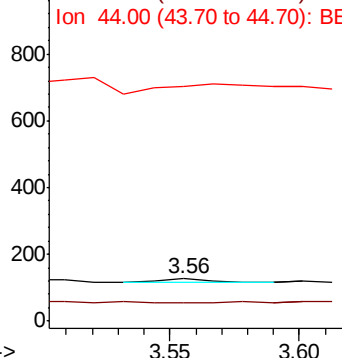
#3

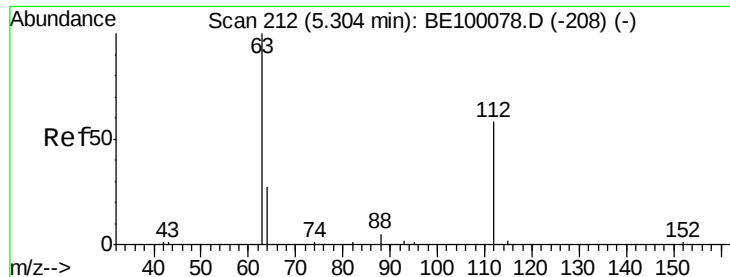
n-Nitrosodimethylamine
Concen: 0.359 ng
RT: 3.56 min Scan# 60
Delta R.T. -0.04 min
Lab File: BE100152.D
Acq: 22 Jun 2019 2:49

Tgt Ion: 42 Resp: 15
Ion Ratio Lower Upper
42 100
74 0.0 0.0 0.0
44 533.3 0.0 0.0#



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: 0.378 ng

RT: 5.29 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100152.D

Acq: 22 Jun 2019 2:49

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW163-061319

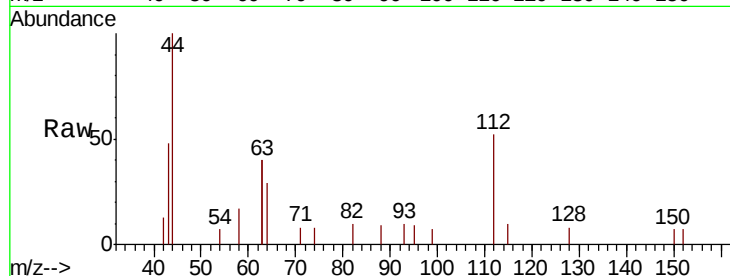
Tgt Ion: 112 Resp: 646

Ion Ratio Lower Upper

112 100

64 61.6 22.0 33.0#

63 142.9 121.8 182.6

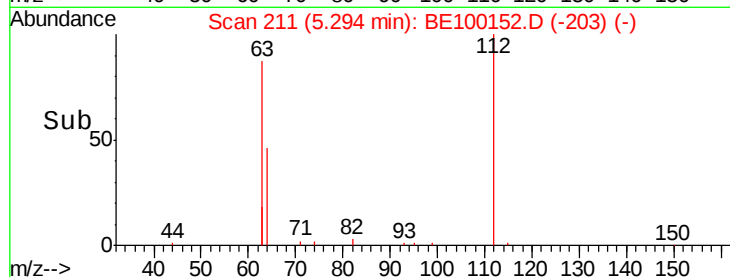


Abundance Ion 112.00 (111.70 to 112.70): BE1

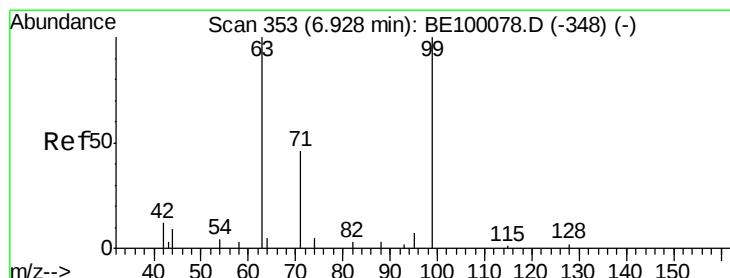
Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Time-->



Time-->



#5

Phenol-d6

Concen: 0.426 ng

RT: 6.90 min Scan# 350

Delta R.T. -0.03 min

Lab File: BE100152.D

Acq: 22 Jun 2019 2:49

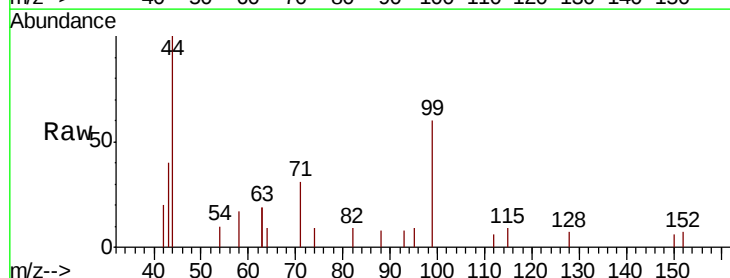
Tgt Ion: 99 Resp: 1001

Ion Ratio Lower Upper

99 100

42 17.8 0.0 0.0#

71 36.7 37.6 56.4#

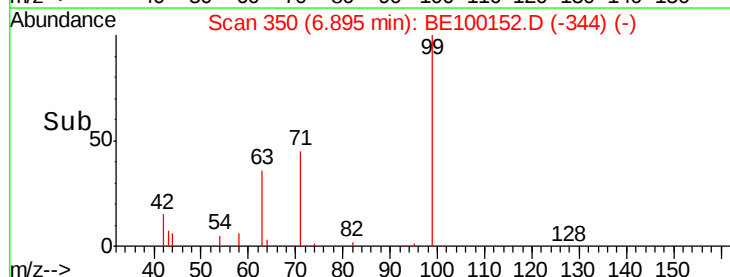


Abundance Ion 99.00 (98.70 to 99.70): BE1

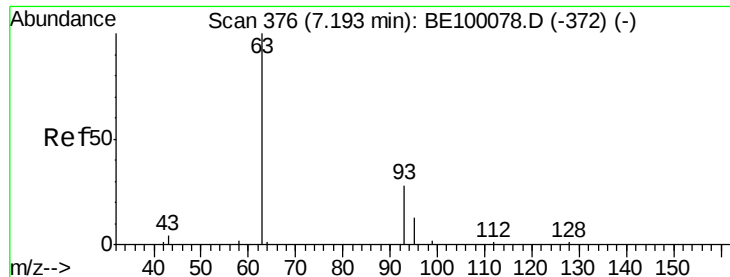
Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

Time-->



Time-->

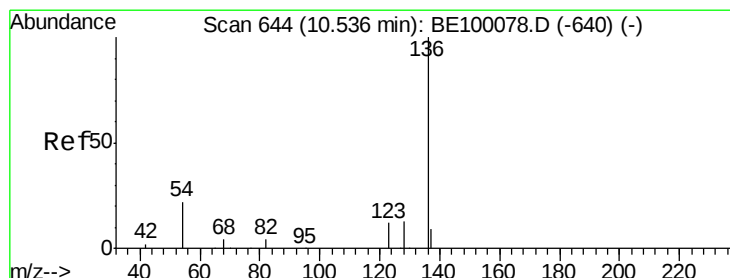
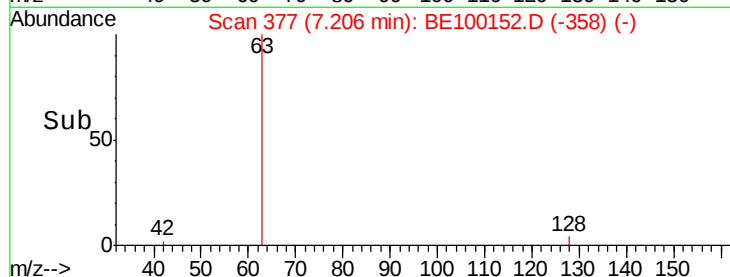
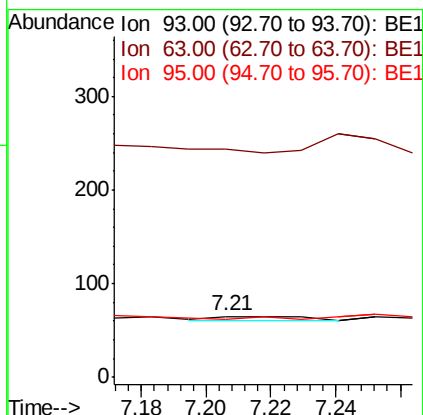
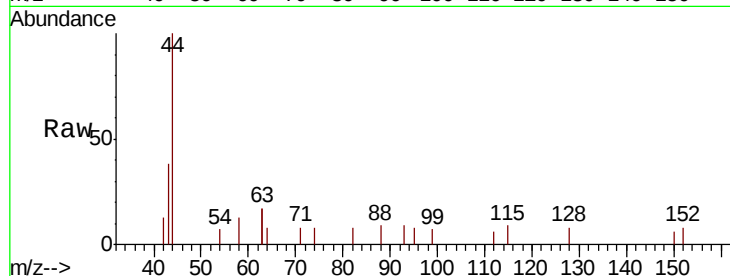


#6

bis(2-Chloroethyl)ether
Concen: 0.036 ng
RT: 7.21 min Scan# 377
Delta R.T. 0.01 min
Lab File: BE100152.D
Acq: 22 Jun 2019 2:49

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW163-061319

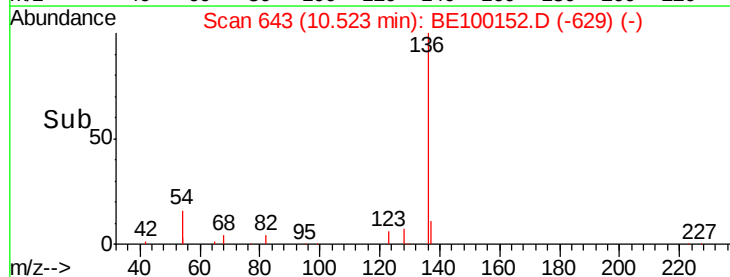
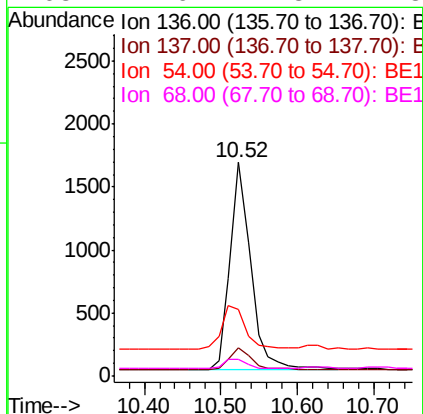
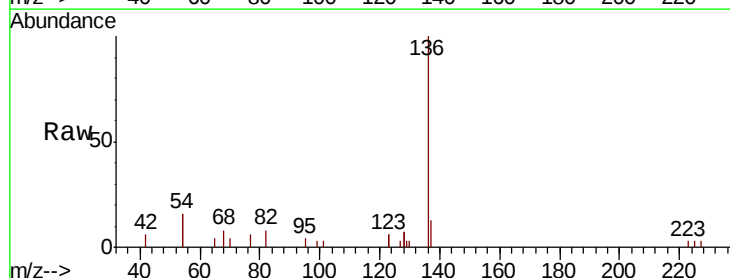
Tgt Ion: 93 Resp: 7
Ion Ratio Lower Upper
93 100
63 0.0 200.0 300.0#
95 0.0 24.0 36.0#

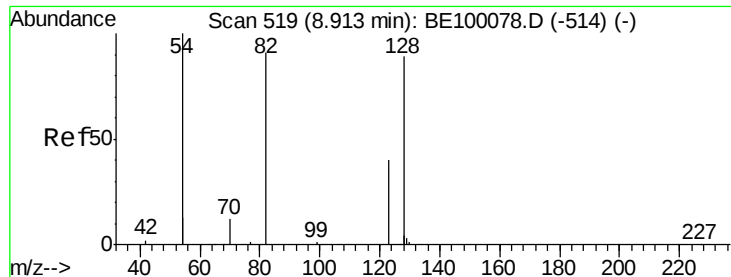


#7

Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. -0.01 min
Lab File: BE100152.D
Acq: 22 Jun 2019 2:49

Tgt Ion: 136 Resp: 3178
Ion Ratio Lower Upper
136 100
137 13.3 11.6 17.4
54 31.4 33.9 50.9#
68 7.6 7.8 11.8#





#8

Nitrobenzene-d5

Concen: 0.346 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100152.D

Acq: 22 Jun 2019 2:49

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW163-061319

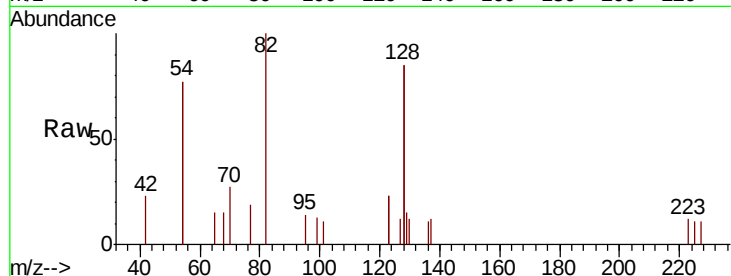
Tgt Ion: 82 Resp: 1068

Ion Ratio Lower Upper

82 100

128 170.5 128.0 192.0

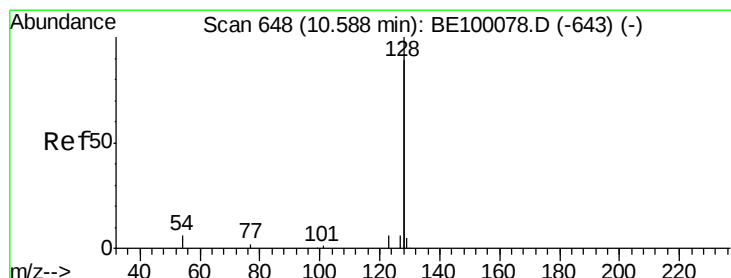
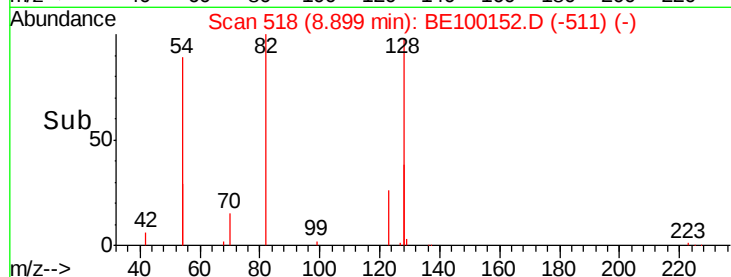
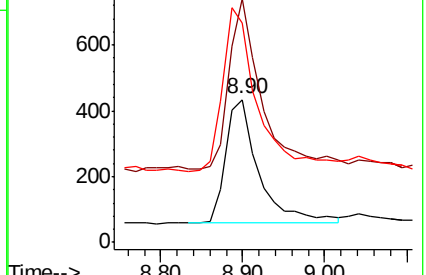
54 153.9 143.4 215.0



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: 0.334 ng

RT: 10.57 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100152.D

Acq: 22 Jun 2019 2:49

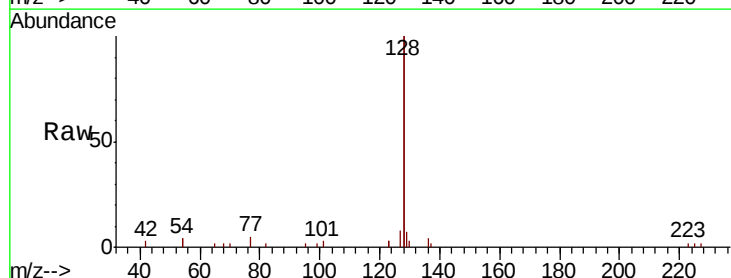
Tgt Ion: 128 Resp: 11540

Ion Ratio Lower Upper

128 100

129 3.6 3.1 4.7

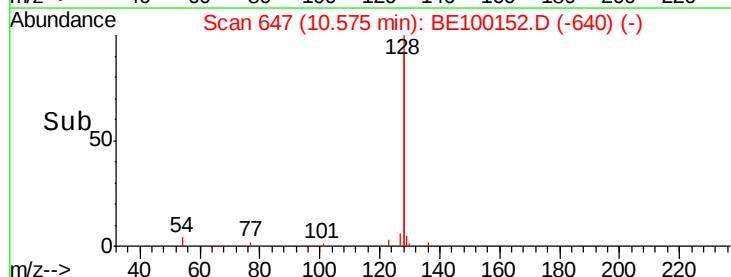
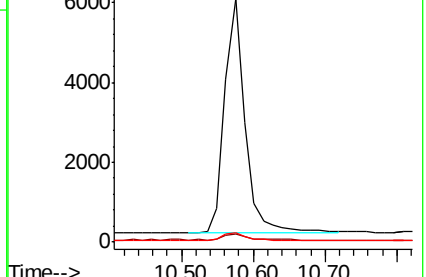
127 3.9 3.4 5.2

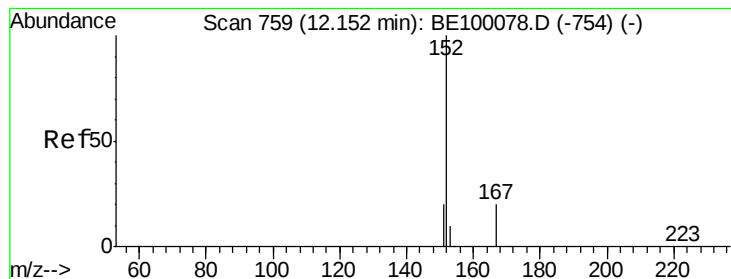


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.031 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.01 min

Lab File: BE100152.D

Acq: 22 Jun 2019 2:49

Instrument :

BNA_E

ClientSampleId :

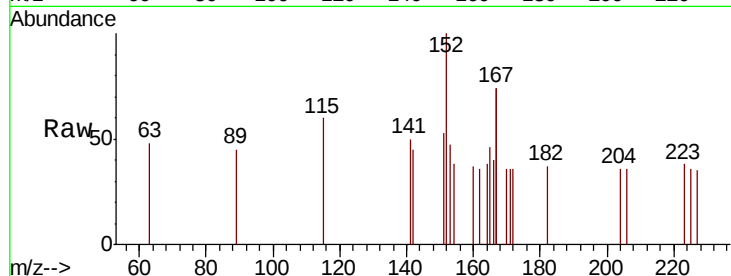
EXT-013-SW163-061319

Tgt Ion:152 Resp: 186

Ion Ratio Lower Upper

152 100

151 34.4 16.3 24.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

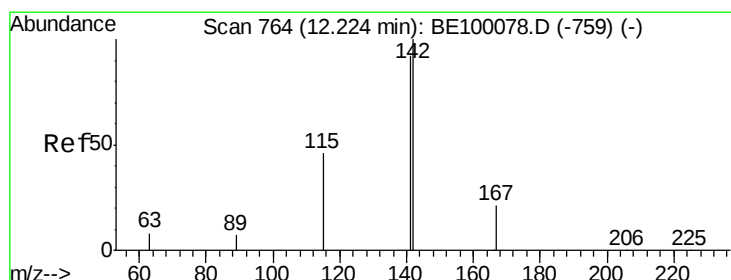
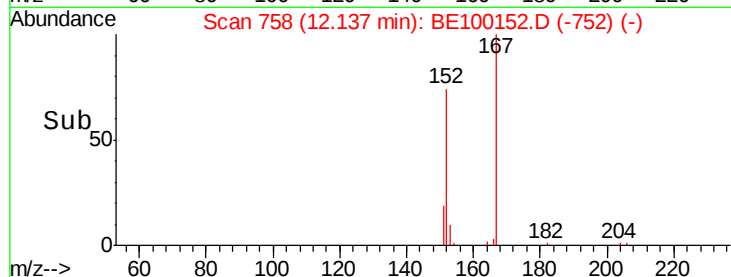
12.14

100

50

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.342 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE100152.D

Acq: 22 Jun 2019 2:49

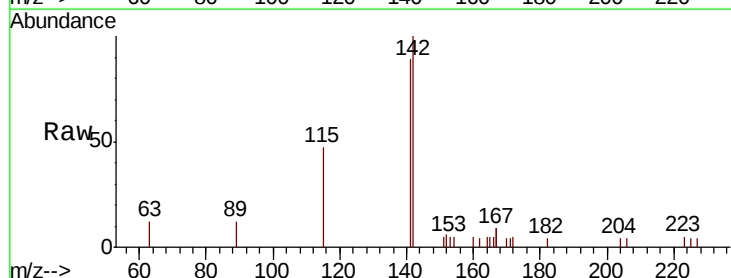
Tgt Ion:142 Resp: 1940

Ion Ratio Lower Upper

142 100

141 89.1 74.1 111.1

115 47.4 40.9 61.3



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

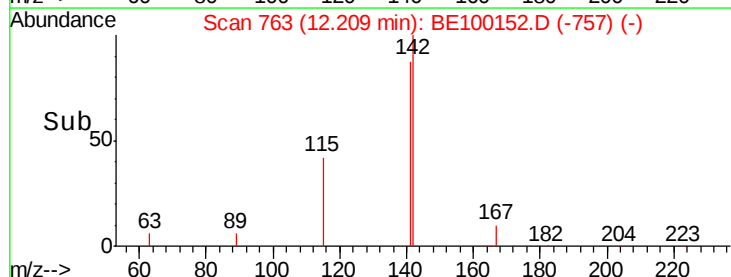
12.21

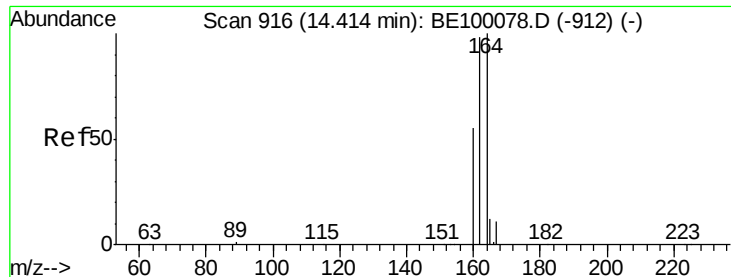
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. -0.01 min

Lab File: BE100152.D

Acq: 22 Jun 2019 2:49

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW163-061319

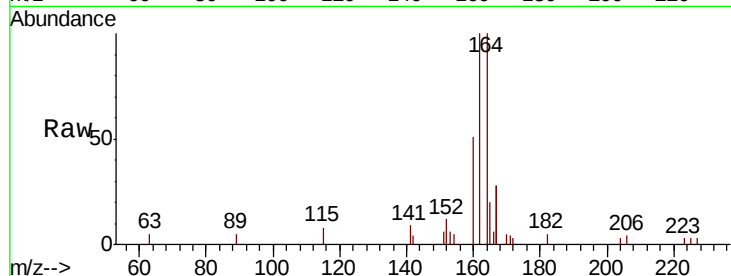
Tgt Ion:164 Resp: 2730

Ion Ratio Lower Upper

164 100

162 100.3 78.2 117.2

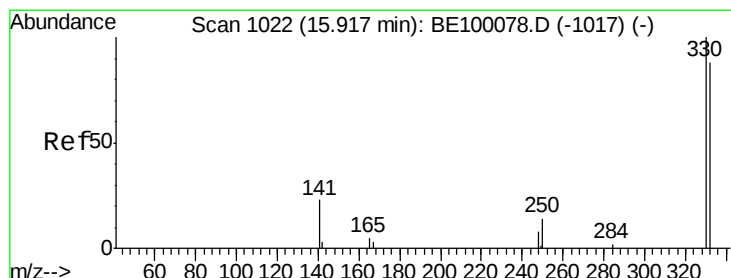
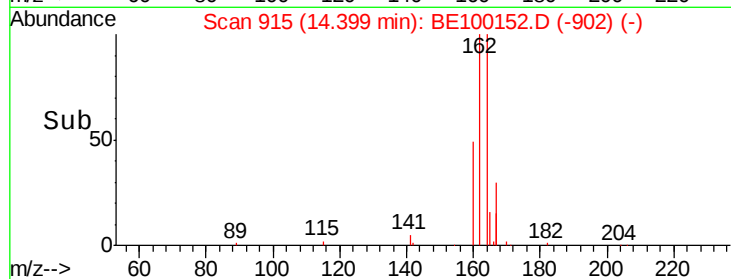
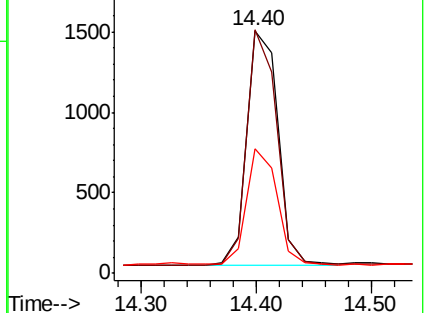
160 51.1 45.6 68.4



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: 0.416 ng

RT: 15.90 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BE100152.D

Acq: 22 Jun 2019 2:49

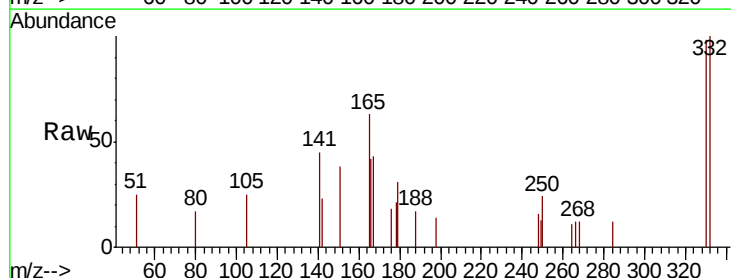
Tgt Ion:330 Resp: 627

Ion Ratio Lower Upper

330 100

332 97.9 73.3 109.9

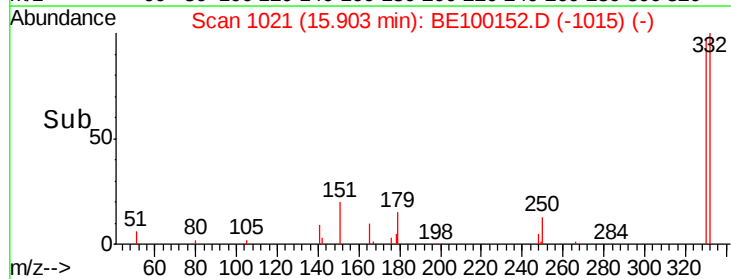
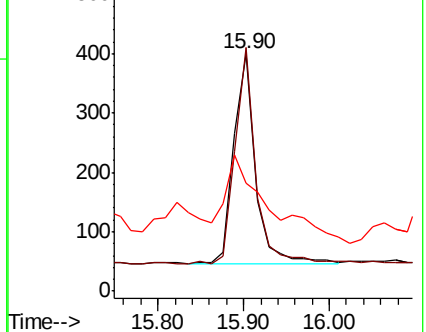
141 83.7 22.2 33.2#

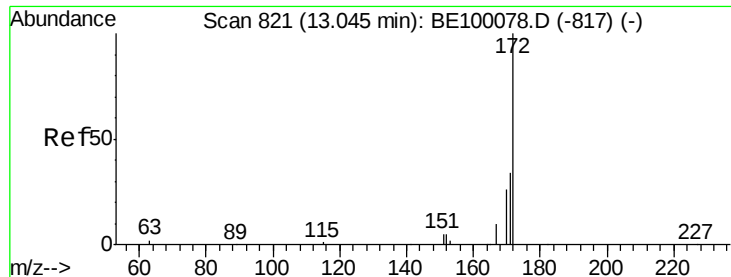


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

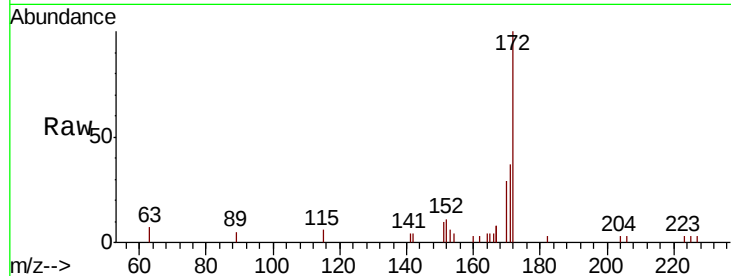




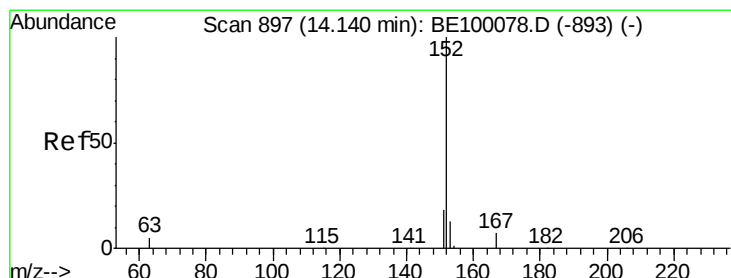
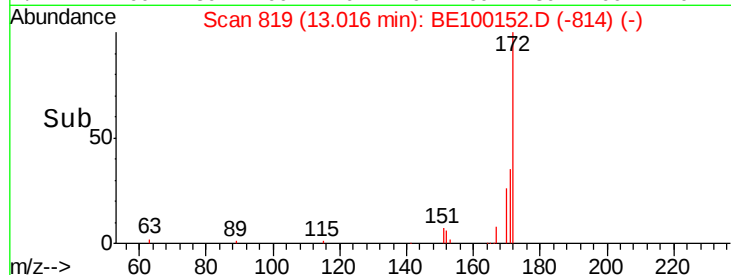
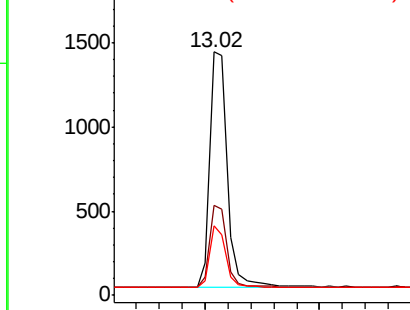
#15
2-Fluorobiphenyl
Concen: 0.281 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.03 min
Lab File: BE100152.D
Acq: 22 Jun 2019 2:49

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW163-061319

Tgt Ion:172 Resp: 3013
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.8
170 28.7 23.2 34.8

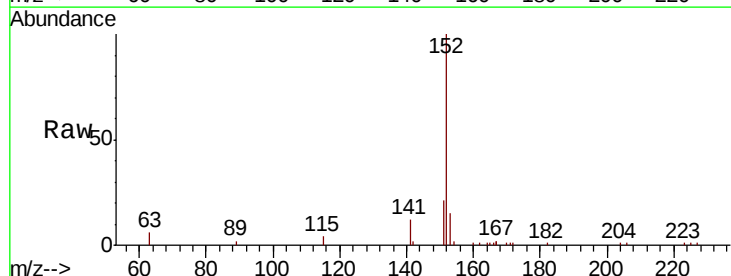


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

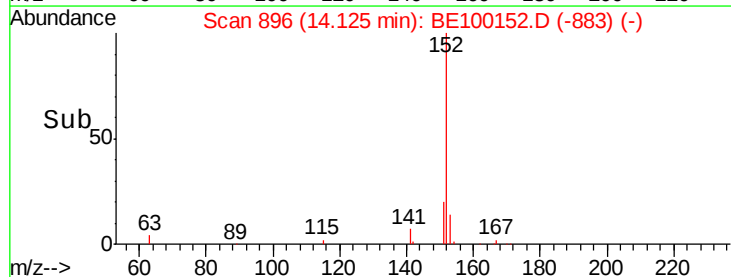
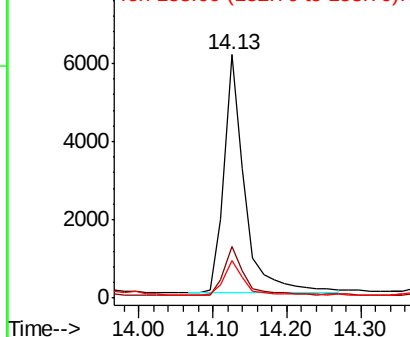


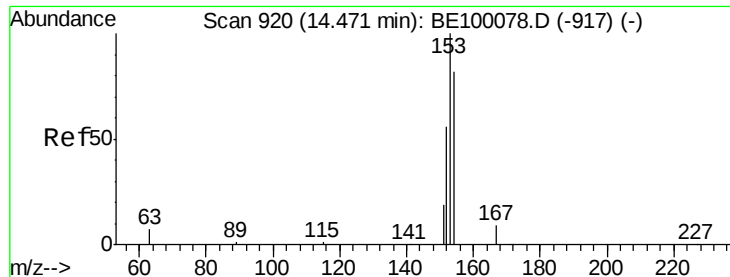
#16
Acenaphthylene
Concen: 0.926 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.01 min
Lab File: BE100152.D
Acq: 22 Jun 2019 2:49

Tgt Ion:152 Resp: 12000
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.9 10.1 15.1



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

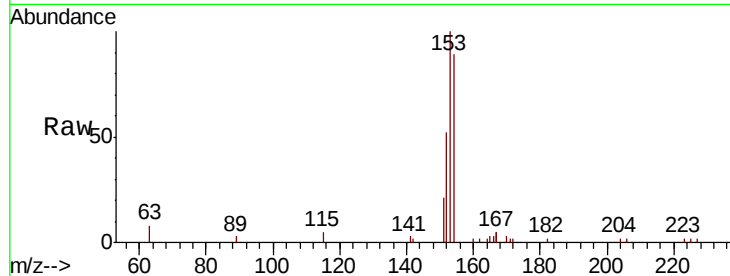




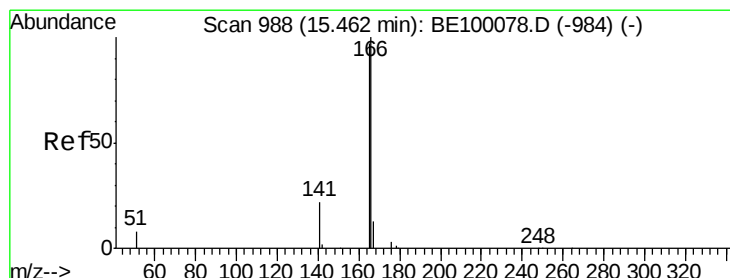
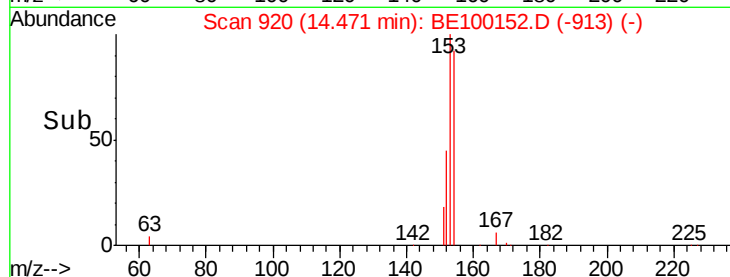
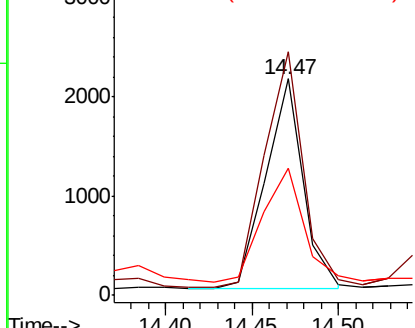
#17
Acenaphthene
Concen: 0.443 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100152.D
Acq: 22 Jun 2019 2:49

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW163-061319

Tgt Ion:154 Resp: 3209
Ion Ratio Lower Upper
154 100
153 117.0 95.5 143.3
152 59.4 54.9 82.3

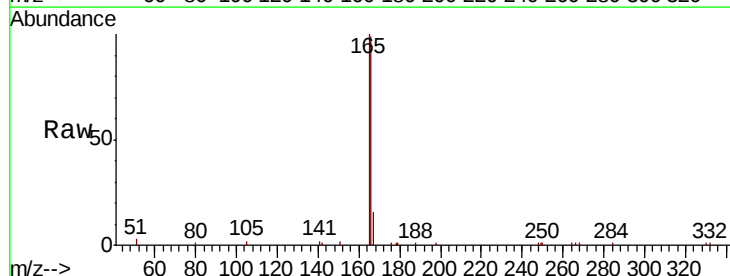


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

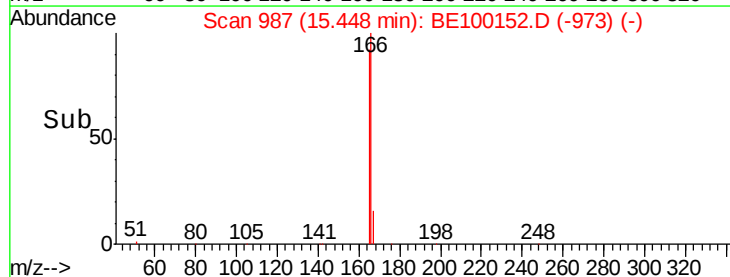
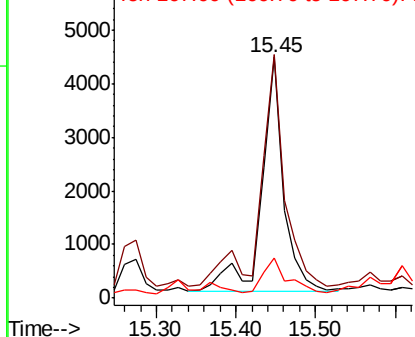


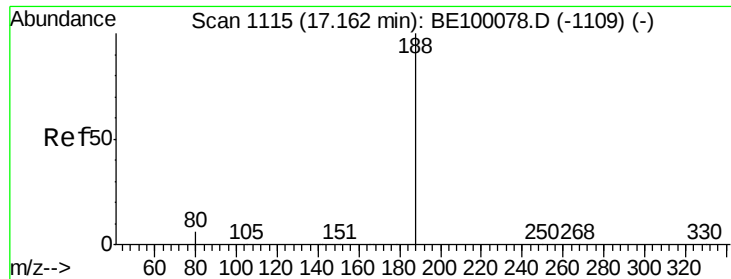
#18
Fluorene
Concen: 0.780 ng
RT: 15.45 min Scan# 987
Delta R.T. -0.01 min
Lab File: BE100152.D
Acq: 22 Jun 2019 2:49

Tgt Ion:166 Resp: 8413
Ion Ratio Lower Upper
166 100
165 109.6 79.8 119.8
167 16.5 10.2 15.4#



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: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100152.D

Acq: 22 Jun 2019 2:49

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW163-061319

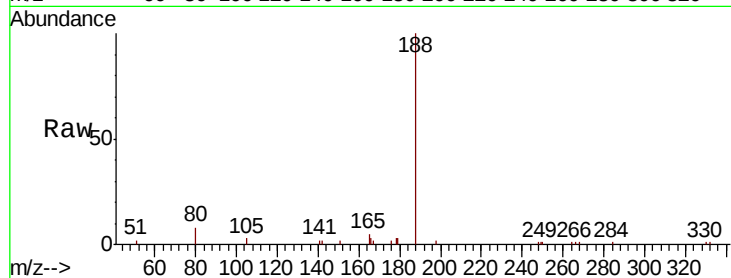
Tgt Ion:188 Resp: 7809

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

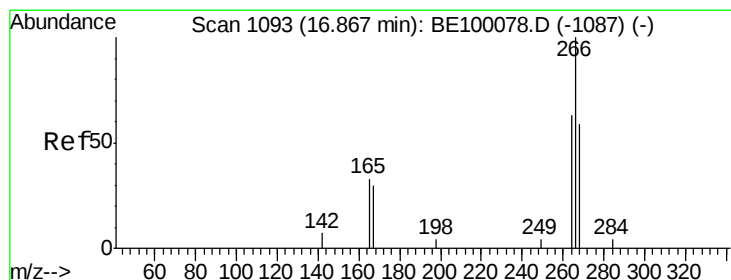
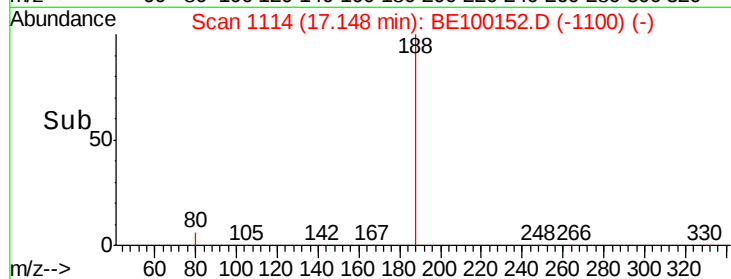
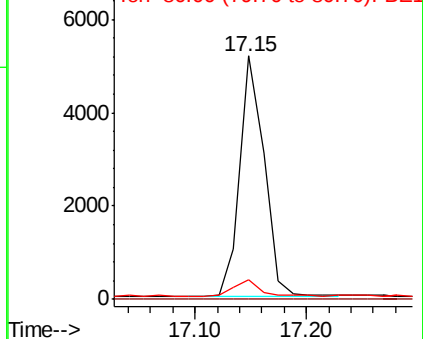
80 8.0 6.3 9.5



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



#22

Pentachlorophenol

Concen: 0.260 ng

RT: 16.81 min Scan# 1089

Delta R.T. -0.05 min

Lab File: BE100152.D

Acq: 22 Jun 2019 2:49

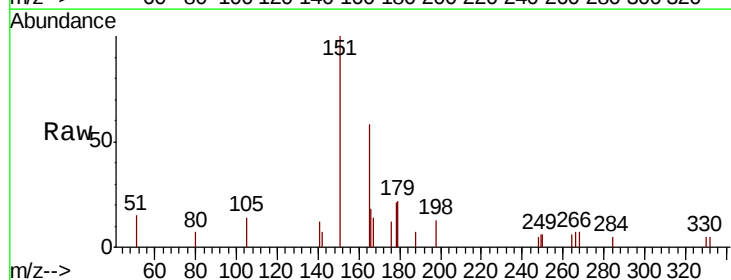
Tgt Ion:266 Resp: 30

Ion Ratio Lower Upper

266 100

264 86.5 67.8 101.6

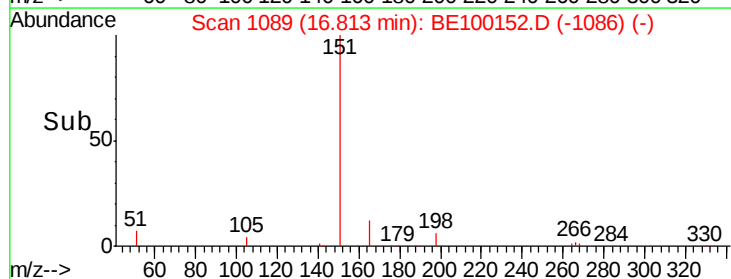
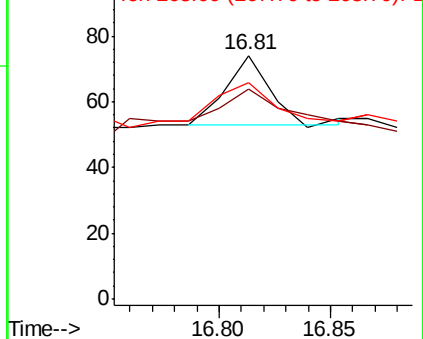
268 89.2 70.0 105.0

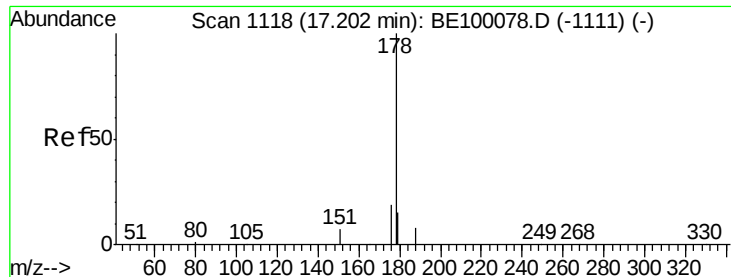


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 8.993 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100152.D

Acq: 22 Jun 2019 2:49

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW163-061319

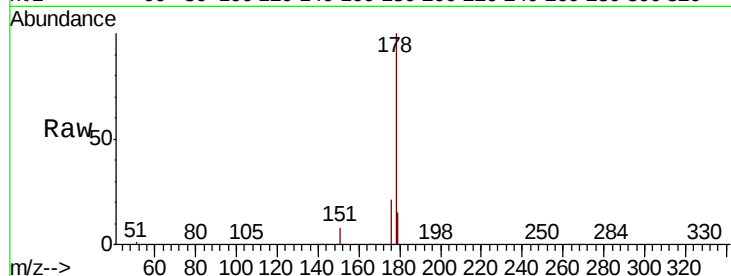
Tgt Ion:178 Resp: 168254

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

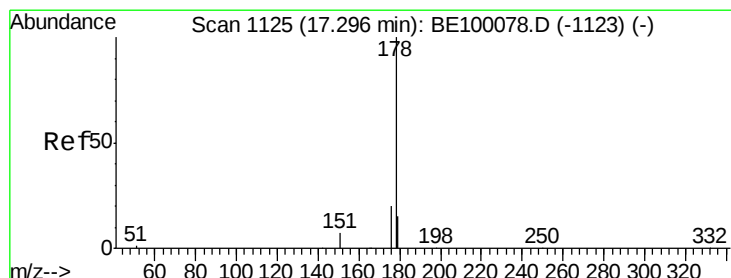
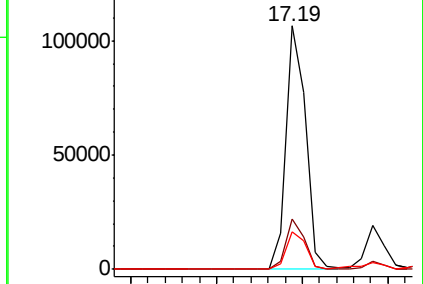
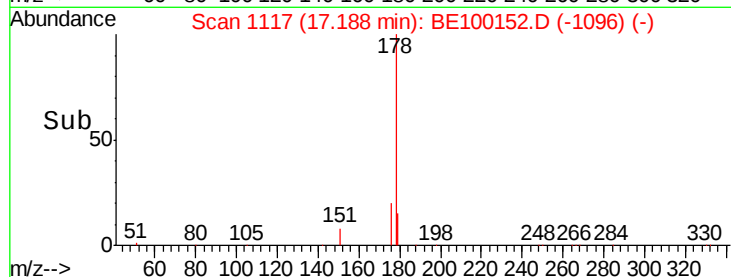
179 15.5 13.1 19.7



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: 1.841 ng

RT: 17.28 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BE100152.D

Acq: 22 Jun 2019 2:49

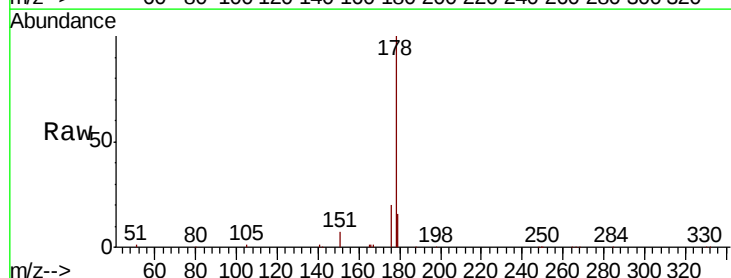
Tgt Ion:178 Resp: 29044

Ion Ratio Lower Upper

178 100

176 18.6 15.8 23.6

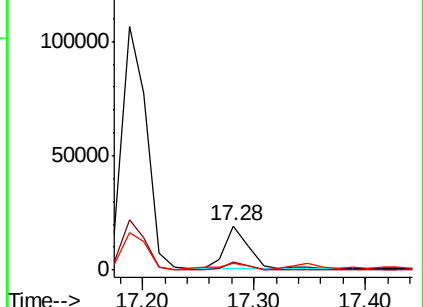
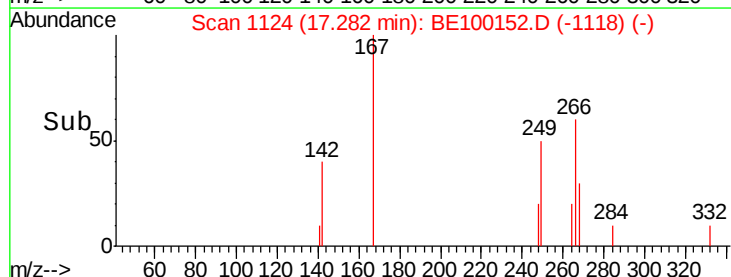
179 18.1 12.0 18.0#

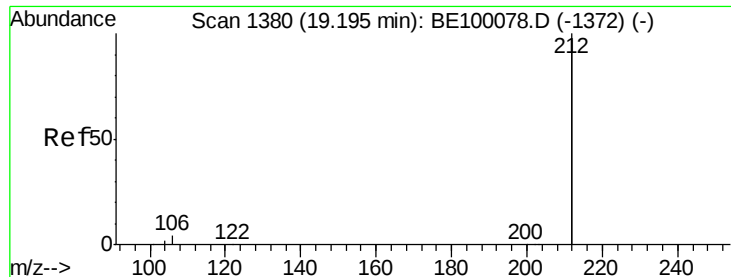


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

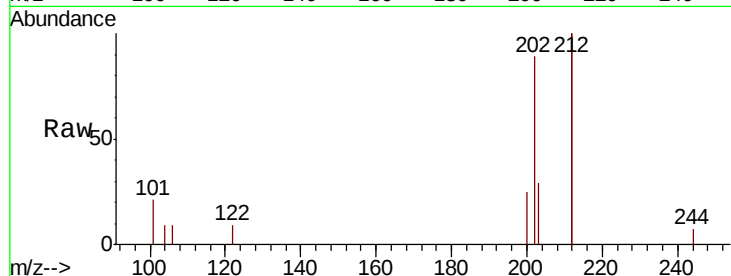




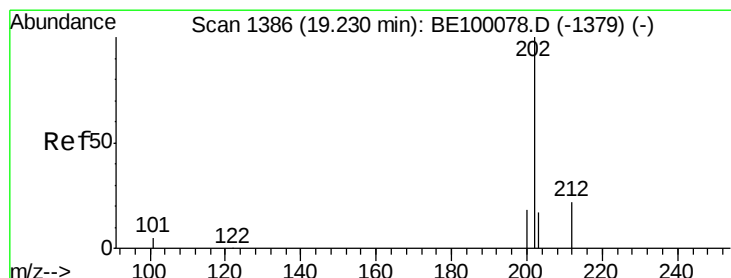
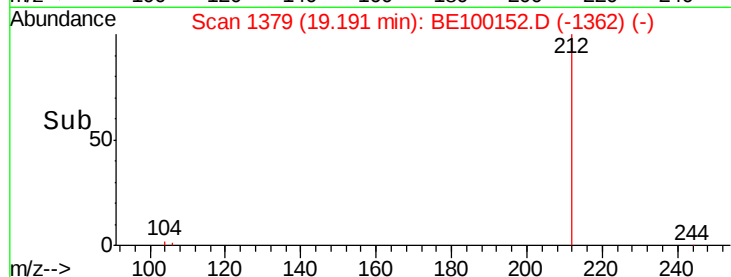
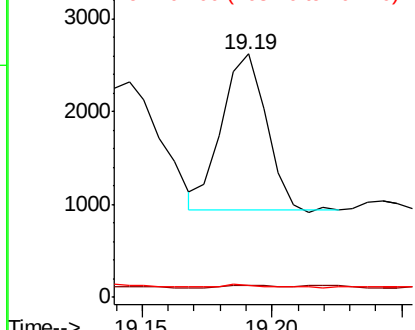
#25
 Fluoranthene-d10
 Concen: 0.018 ng
 RT: 19.19 min Scan# 1379
 Delta R.T. -0.00 min
 Lab File: BE100152.D
 Acq: 22 Jun 2019 2:49

Instrument :
 BNA_E
 ClientSampleId :
 EXT-013-SW163-061319

Tgt Ion: 212 Resp: 1990
 Ion Ratio Lower Upper
 212 100
 106 2.0 1.4 2.0
 104 2.5 0.8 1.2#

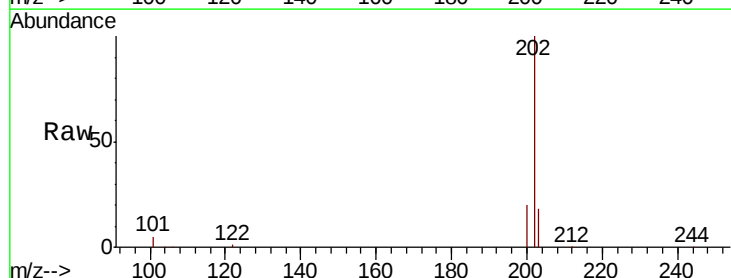


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

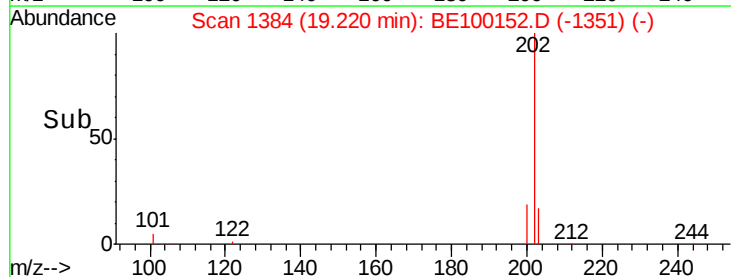
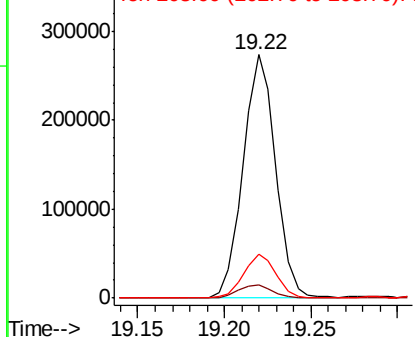


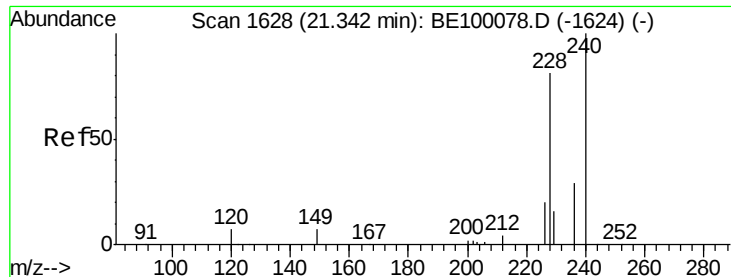
#26
 Fluoranthene
 Concen: 11.878 ng
 RT: 19.22 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BE100152.D
 Acq: 22 Jun 2019 2:49

Tgt Ion: 202 Resp: 356751
 Ion Ratio Lower Upper
 202 100
 101 5.5 5.0 7.4
 203 17.8 13.7 20.5



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

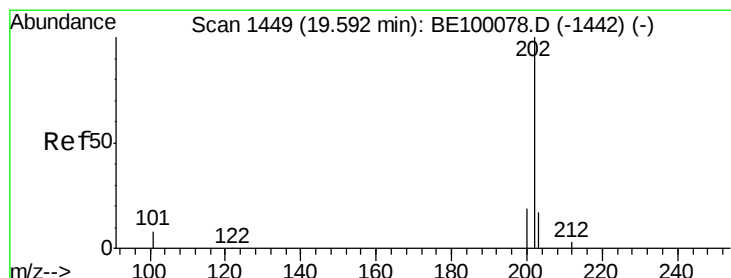
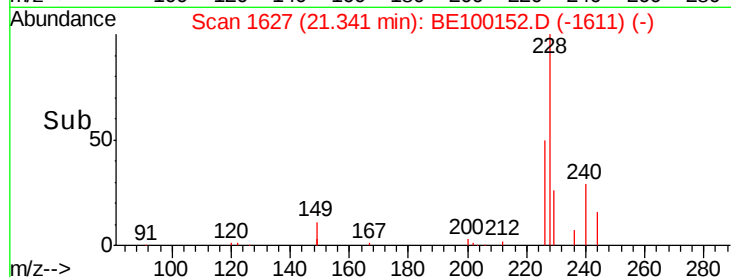
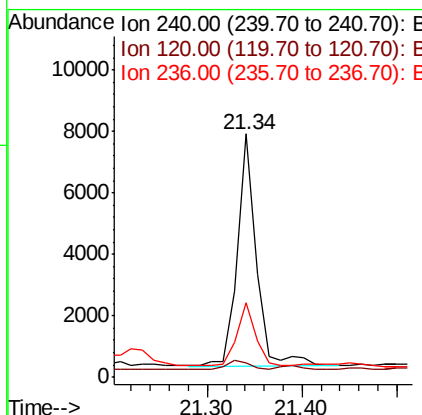
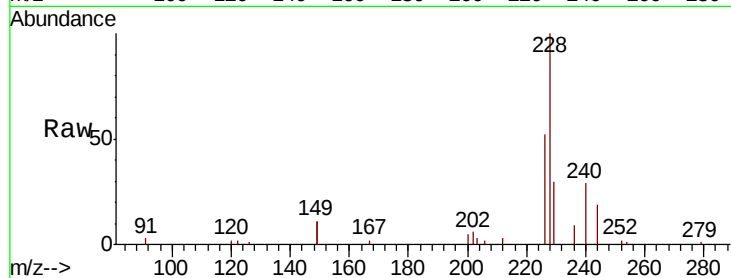




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.34 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BE100152.D
 Acq: 22 Jun 2019 2:49

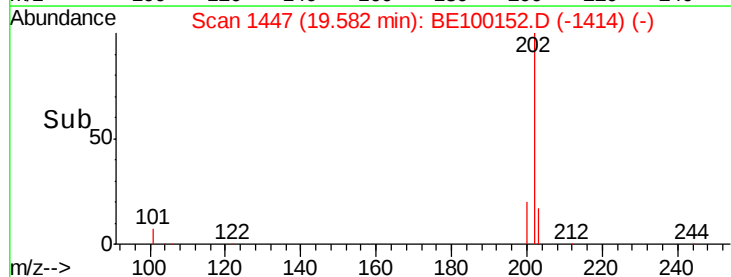
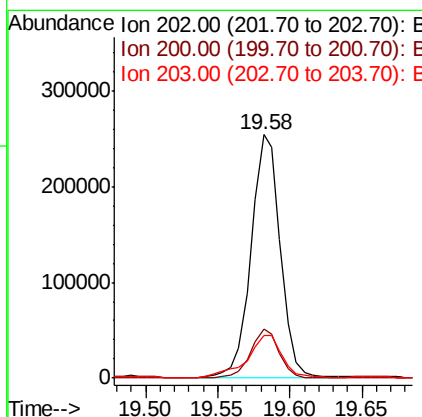
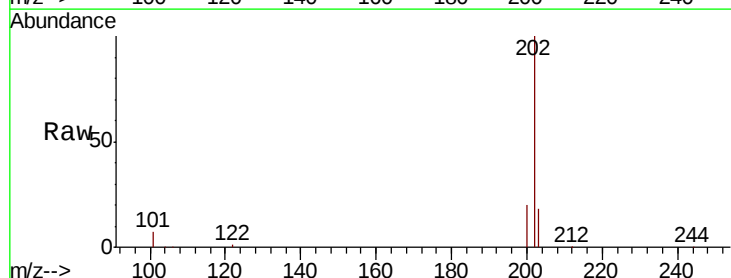
Instrument :
 BNA_E
 ClientSampleId :
 EXT-013-SW163-061319

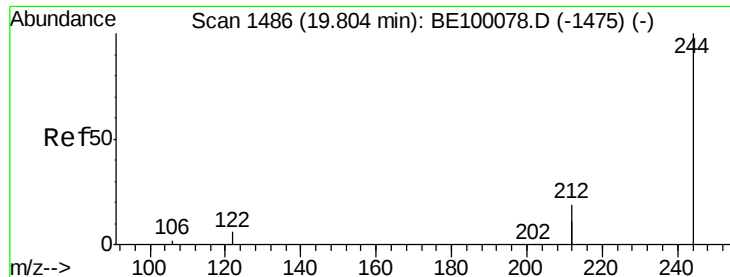
Tgt Ion: 240 Resp: 10527
 Ion Ratio Lower Upper
 240 100
 120 6.0 6.6 10.0#
 236 30.9 23.8 35.6



#28
 Pyrene
 Concen: 13.261 ng
 RT: 19.58 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BE100152.D
 Acq: 22 Jun 2019 2:49

Tgt Ion: 202 Resp: 358805
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.6 23.4
 203 20.9 13.9 20.9#





#29

Terphenyl-d14

Concen: 0.283 ng

RT: 19.79 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BE100152.D

Acq: 22 Jun 2019 2:49

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW163-061319

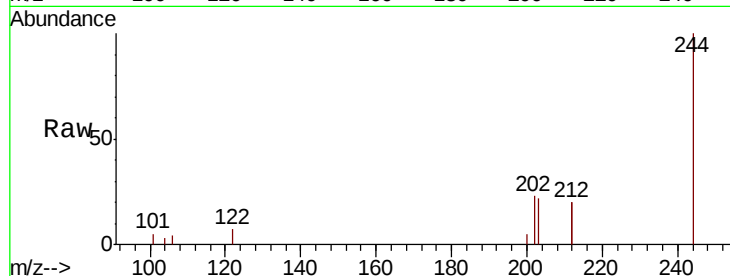
Tgt Ion:244 Resp: 5951

Ion Ratio Lower Upper

244 100

212 40.3 29.8 44.8

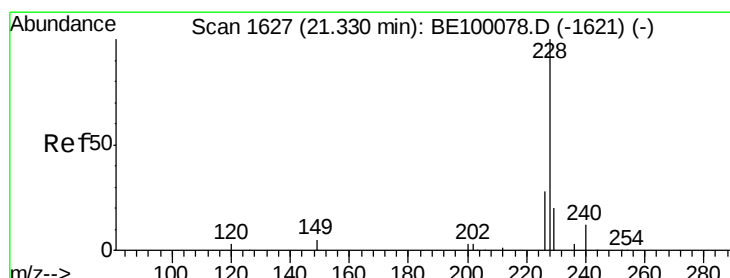
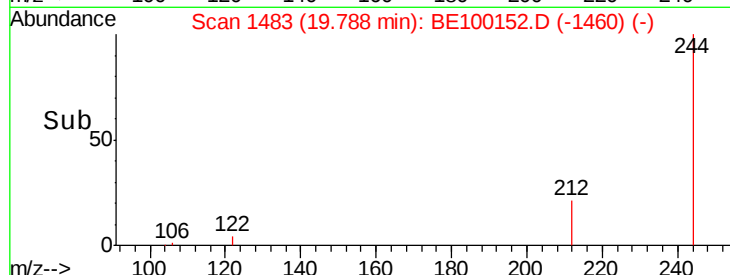
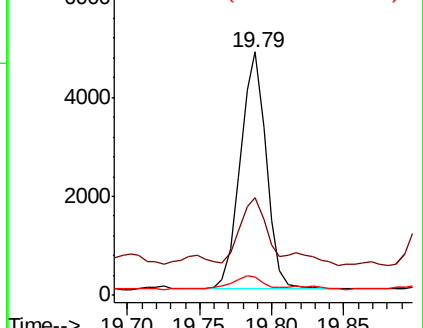
122 7.5 6.1 9.1



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: 7.555 ng

RT: 21.33 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE100152.D

Acq: 22 Jun 2019 2:49

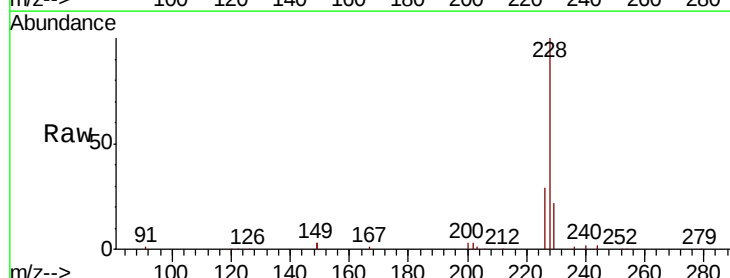
Tgt Ion:228 Resp: 236603

Ion Ratio Lower Upper

228 100

226 29.0 23.0 34.4

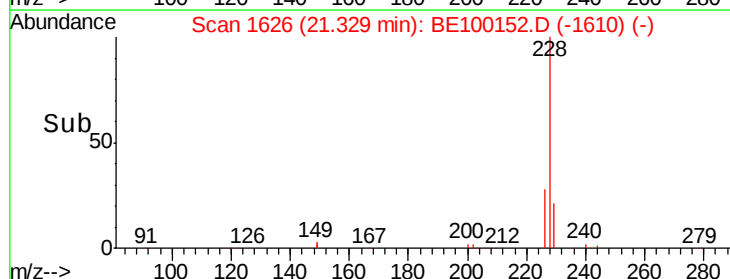
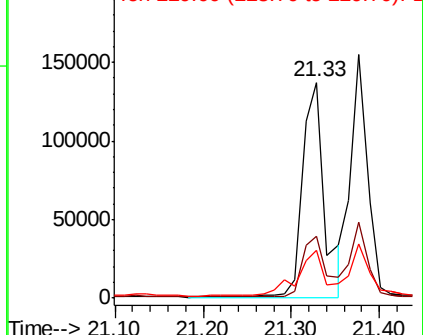
229 22.4 16.4 24.6

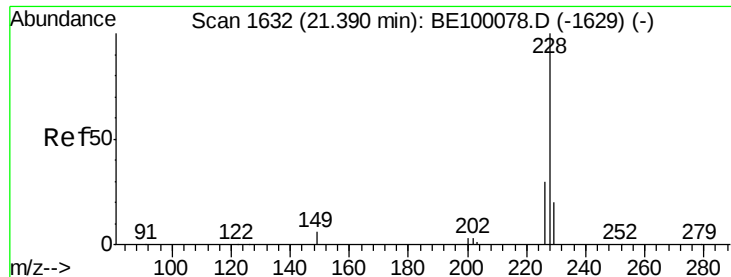


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 5.653 ng

RT: 21.38 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BE100152.D

Acq: 22 Jun 2019 2:49

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW163-061319

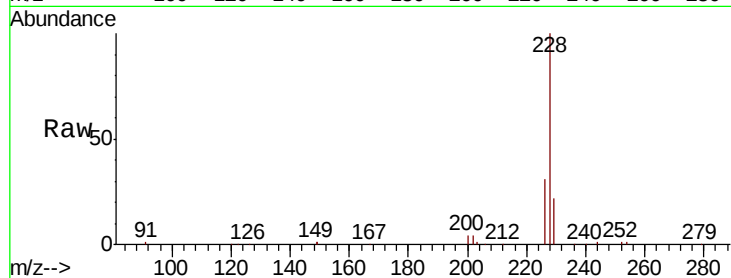
Tgt Ion: 228 Resp: 205700

Ion Ratio Lower Upper

228 100

226 31.3 23.8 35.8

229 22.1 16.3 24.5

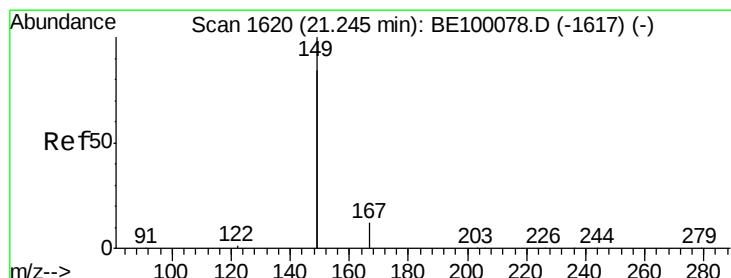
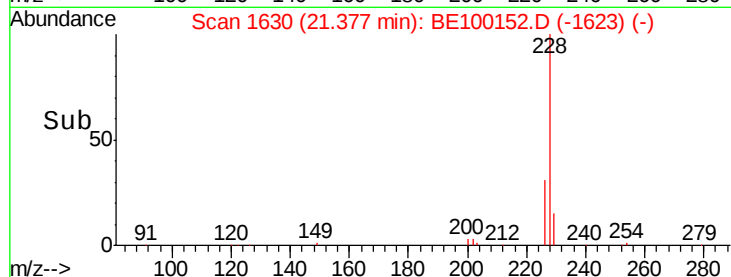
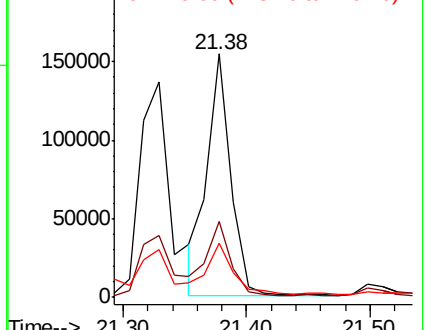


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.051 ng

RT: 21.24 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BE100152.D

Acq: 22 Jun 2019 2:49

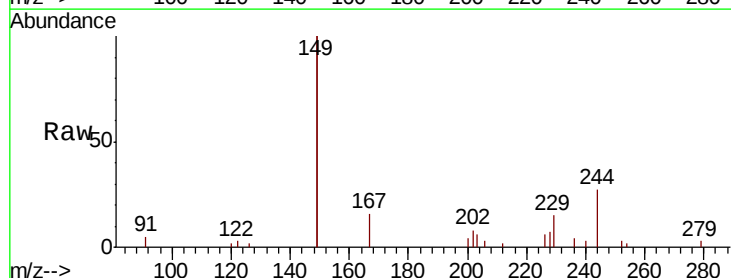
Tgt Ion: 149 Resp: 31046

Ion Ratio Lower Upper

149 100

167 7.5 5.8 8.6

279 1.7 1.1 1.7#

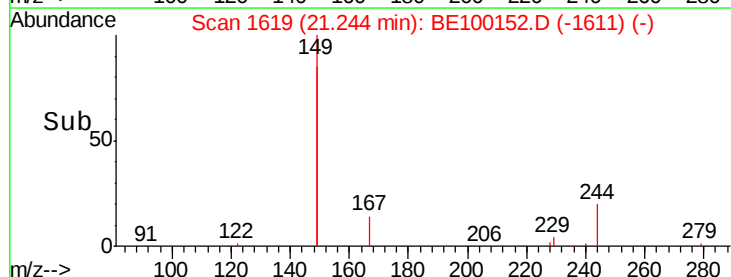
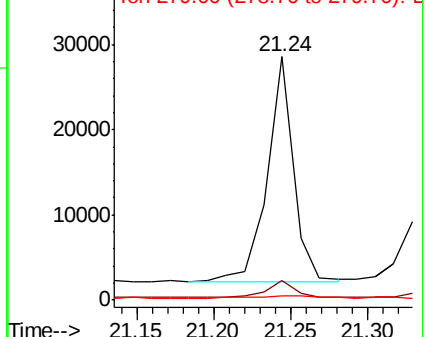


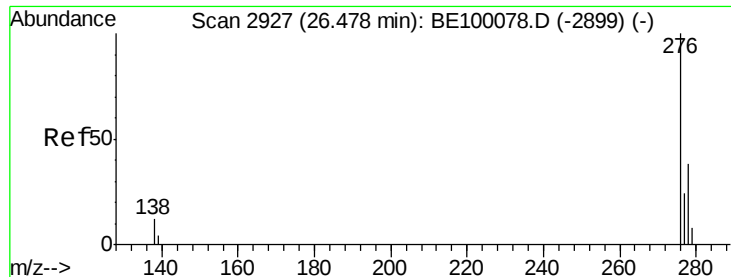
Abundance

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: 3.048 ng

RT: 26.48 min Scan# 2926

Delta R.T. -0.00 min

Lab File: BE100152.D

Acq: 22 Jun 2019 2:49

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW163-061319

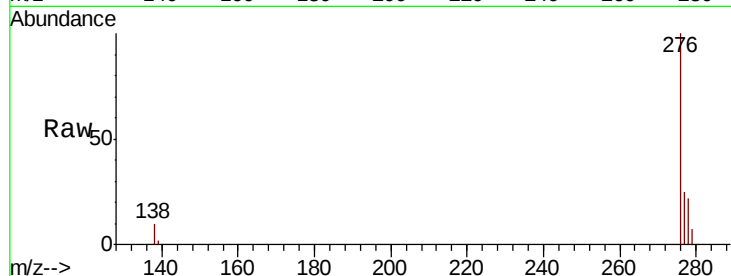
Tgt Ion: 276 Resp: 124807

Ion Ratio Lower Upper

276 100

138 9.1 4.3 6.5#

277 24.1 19.4 29.0

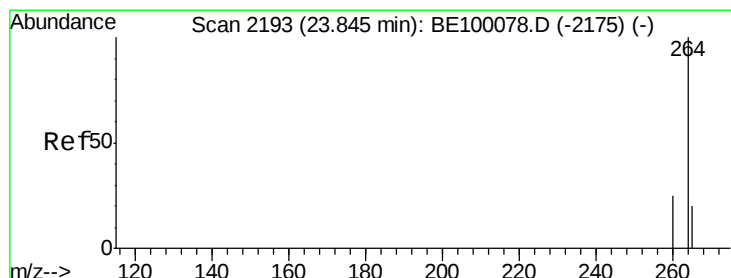
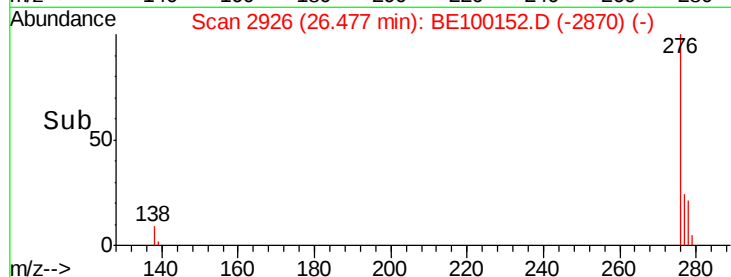
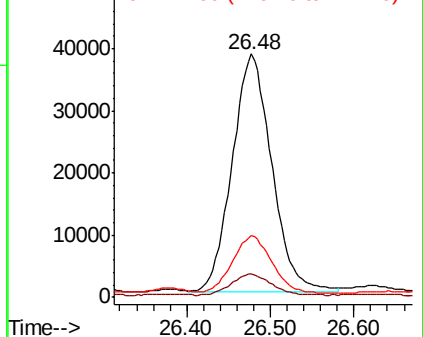


Abundance

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: 23.84 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BE100152.D

Acq: 22 Jun 2019 2:49

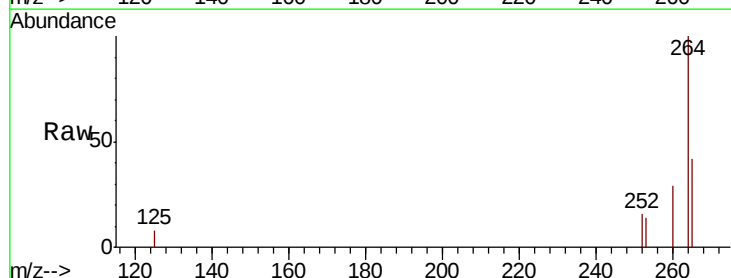
Tgt Ion: 264 Resp: 12396

Ion Ratio Lower Upper

264 100

260 29.4 20.8 31.2

265 41.9 23.2 34.8#

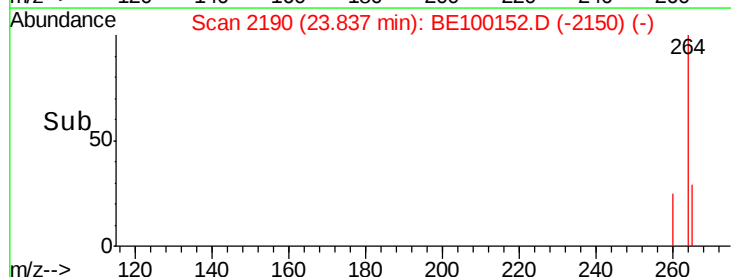
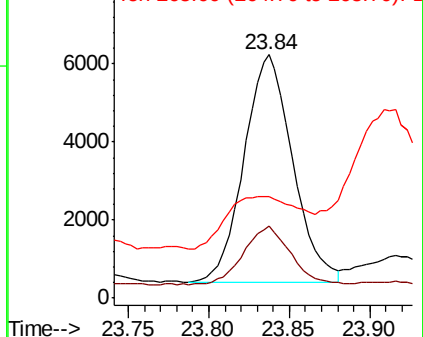


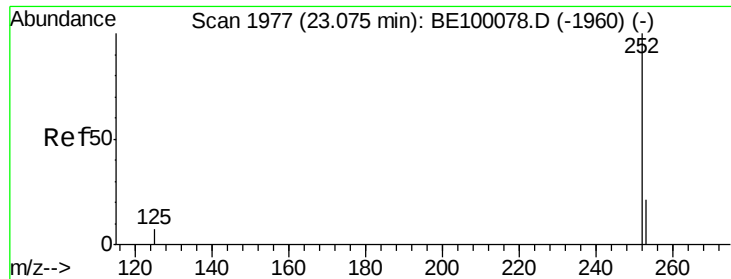
Abundance

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

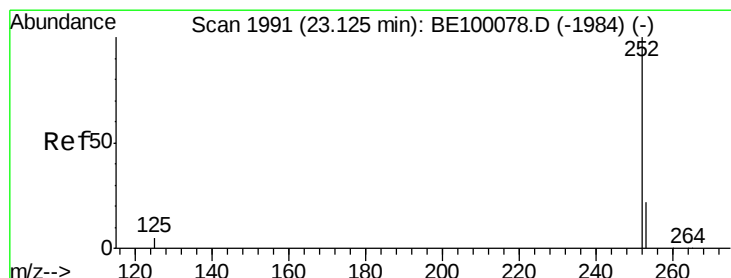
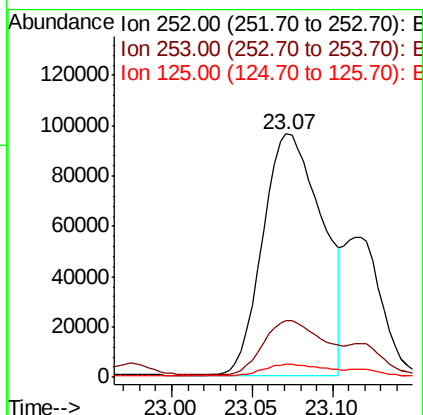
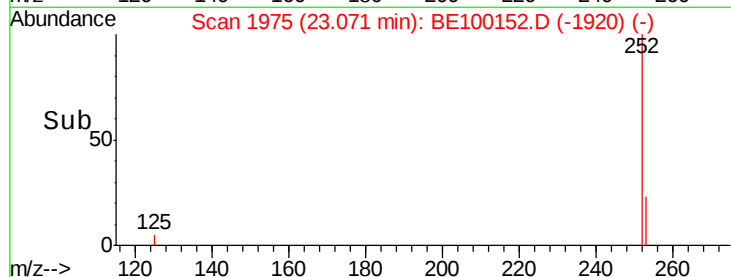
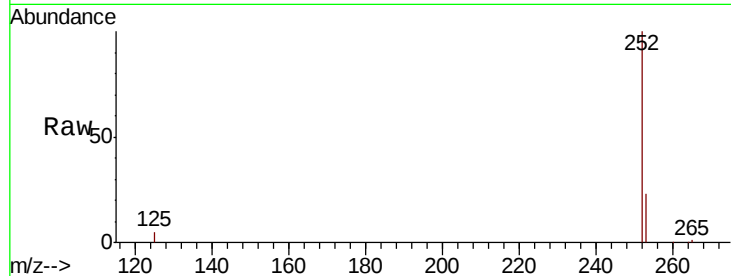




#35
Benzo(b)fluoranthene
Concen: 6.771 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BE100152.D
Acq: 22 Jun 2019 2:49

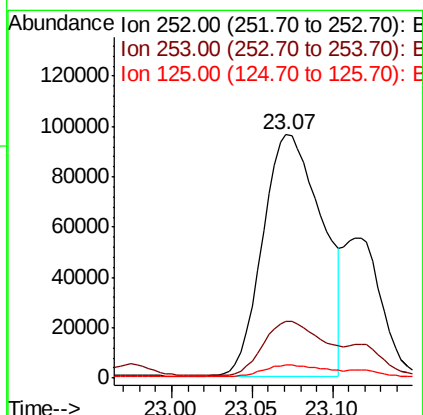
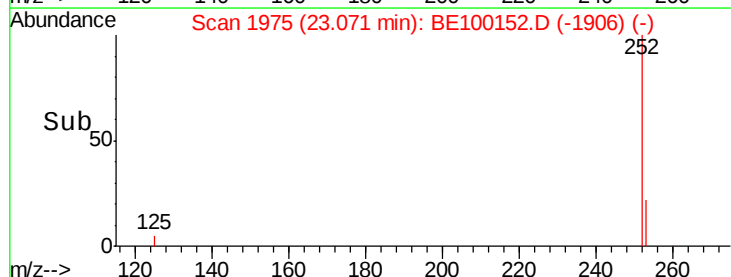
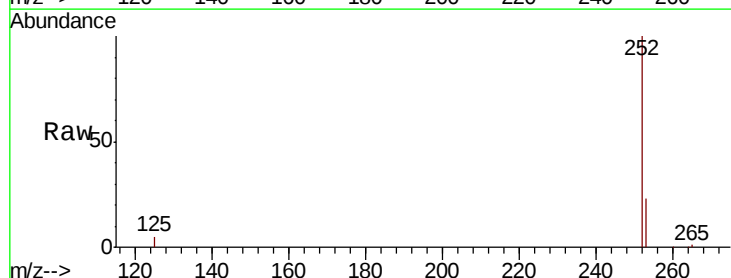
Instrument :
BNA_E
ClientSampleId :
EXT-013-SW163-061319

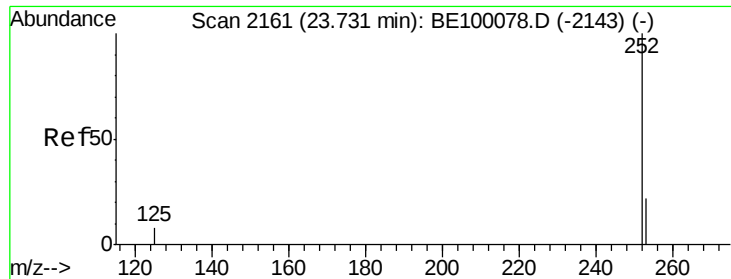
Tgt Ion: 252 Resp: 246303
Ion Ratio Lower Upper
252 100
253 23.4 18.4 27.6
125 5.3 6.4 9.6#



#36
Benzo(k)fluoranthene
Concen: 5.952 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.05 min
Lab File: BE100152.D
Acq: 22 Jun 2019 2:49

Tgt Ion: 252 Resp: 246303
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 5.3 5.3 7.9





#37

Benzo(a)pyrene

Concen: 1.094 ng

RT: 23.89 min Scan# 2205

Delta R.T. 0.16 min

Lab File: BE100152.D

Acq: 22 Jun 2019 2:49

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW163-061319

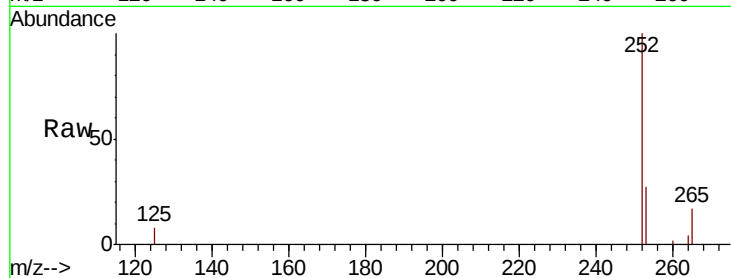
Tgt Ion:252 Resp: 38404

Ion Ratio Lower Upper

252 100

253 27.4 19.4 29.2

125 8.4 8.0 12.0

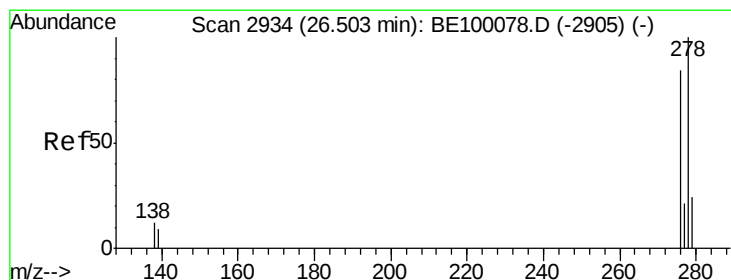
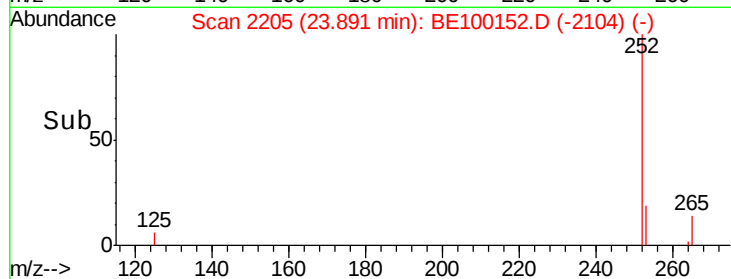
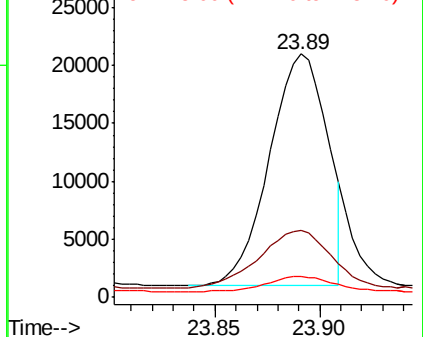


Abundance

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



#38

Dibenzo(a,h)anthracene

Concen: 0.913 ng

RT: 26.50 min Scan# 2932

Delta R.T. -0.00 min

Lab File: BE100152.D

Acq: 22 Jun 2019 2:49

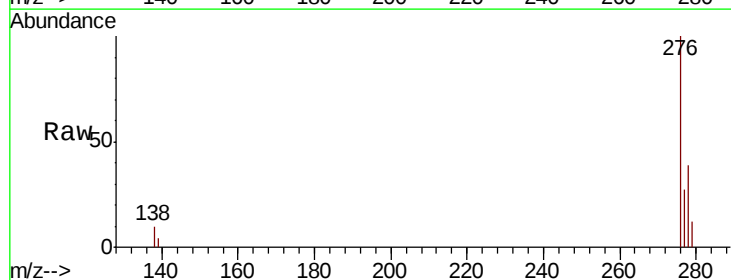
Tgt Ion:278 Resp: 32843

Ion Ratio Lower Upper

278 100

139 9.5 9.0 13.6

279 31.3 21.4 32.0

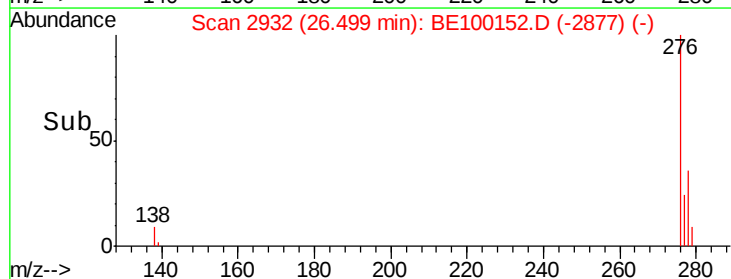
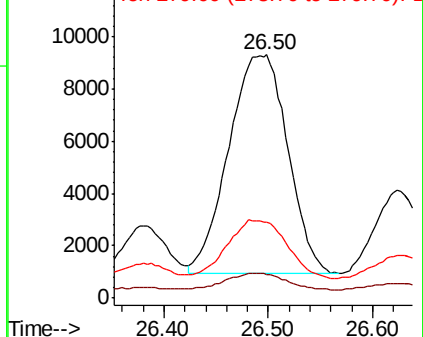


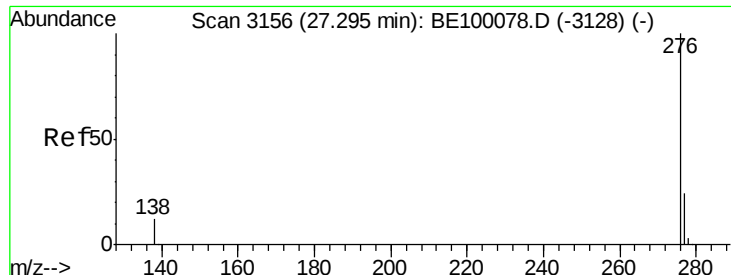
Abundance

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: 3.394 ng

RT: 27.29 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BE100152.D

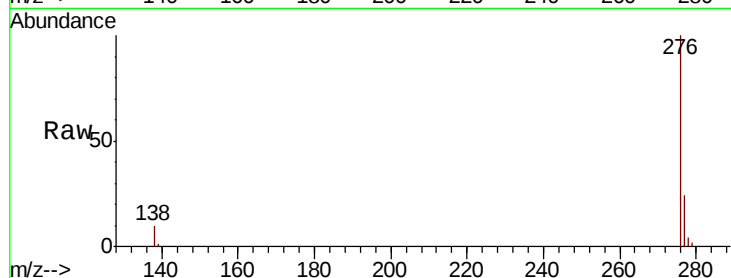
Acq: 22 Jun 2019 2:49

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW163-061319



Tgt Ion: 276 Resp: 126951

Ion Ratio Lower Upper

276 100

277 24.2 20.3 30.5

138 10.1 11.3 16.9#

