

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
 Data File : BE100346.D
 Acq On : 4 Jul 2019 1:47
 Operator : JU/SJ
 Sample : K3558-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-032-SW173-062519

Quant Time: Jul 04 02:39:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	607	0.40	ng	-0.01
7) Naphthalene-d8	10.43	136	2048	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	1732	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	5247	0.40	ng	0.00
27) Chrysene-d12	21.25	240	7582	0.40	ng	0.00
34) Perylene-d12	23.66	264	8661	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	307	0.20	ng	-0.01
5) Phenol-d6	6.83	99	401	0.20	ng	-0.01
8) Nitrobenzene-d5	8.81	82	358	0.18	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	822	0.21	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	263	0.22	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	1230	0.18	ng	-0.01
25) Fluoranthene-d10	19.09	212	12995	0.17	ng	0.00
29) Terphenyl-d14	19.69	244	3246	0.21	ng	-0.01

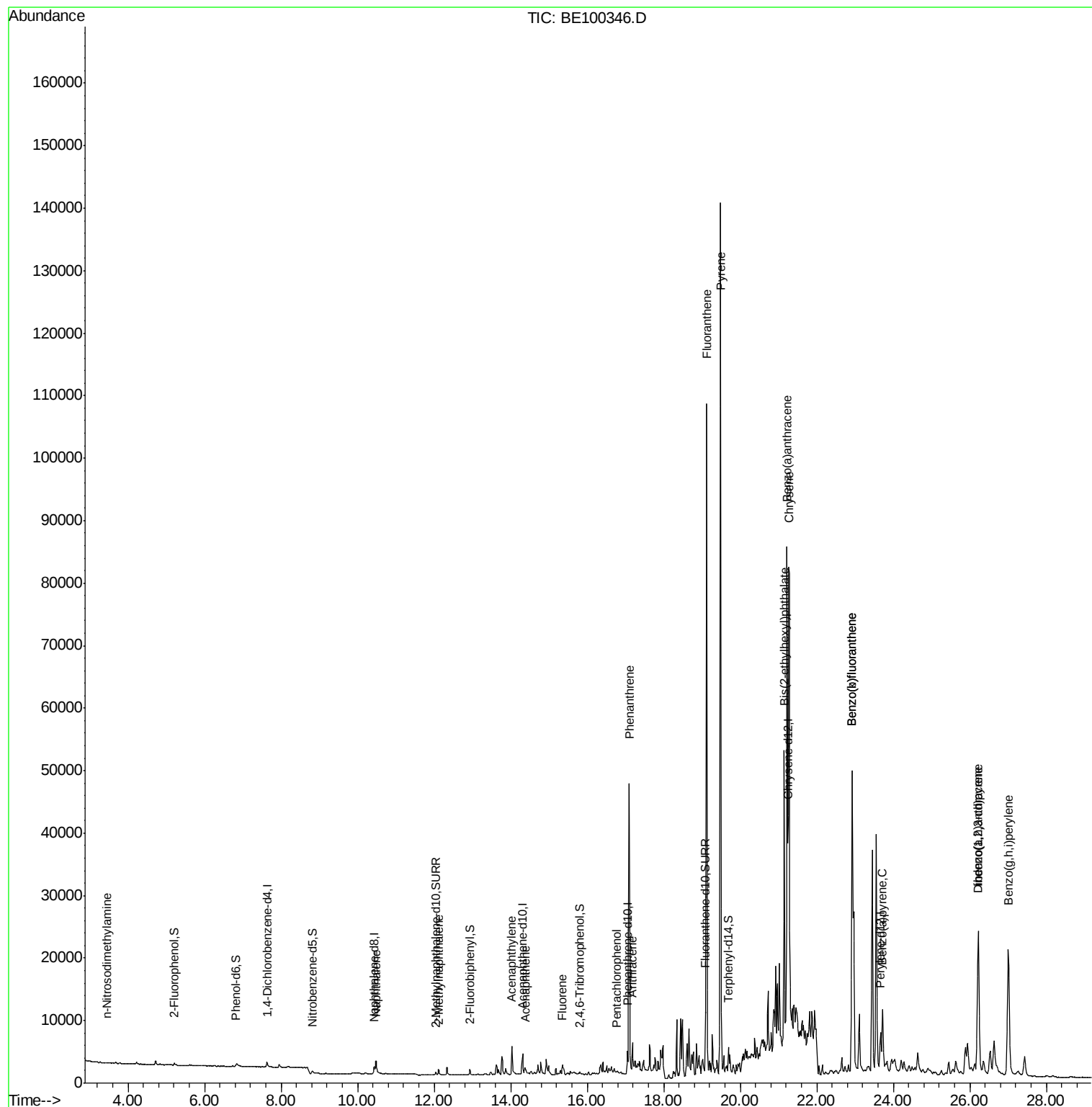
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.45	42	38	0.087	ng	# 1
9) Naphthalene	10.49	128	4731	0.209	ng	# 97
12) 2-Methylnaphthalene	12.11	142	846	0.213	ng	93
16) Acenaphthylene	14.02	152	7133	0.858	ng	99
17) Acenaphthene	14.37	154	564	0.120	ng	# 90
18) Fluorene	15.35	166	1674	0.240	ng	# 82
22) Pentachlorophenol	16.76	266	22	0.021	ng	# 74
23) Phenanthrene	17.09	178	48137	3.785	ng	99
24) Anthracene	17.19	178	5770	0.504	ng	# 94
26) Fluoranthene	19.12	202	99422	4.908	ng	99
28) Pvrene	19.48	202	134691	6.710	ng	97
30) Benzo(a)anthracene	21.22	228	69521	2.789	ng	97
31) Chrysene	21.27	228	87632	3.501	ng	96
32) Bis(2-ethylhexyl)phthalate	21.15	149	46365	1.258	ng	100
33) Indeno(1,2,3-cd)pyrene	26.22	276	45763	1.382	ng	# 98
35) Benzo(b)fluoranthene	22.92	252	98214	4.183	ng	# 96
36) Benzo(k)fluoranthene	22.92	252	98214	3.747	ng	98
37) Benzo(a)pyrene	23.72	252	11992	0.510	ng	92
38) Dibenzo(a,h)anthracene	26.23	278	11667	0.475	ng	# 89
39) Benzo(g,h,i)perylene	27.00	276	52511	2.080	ng	99

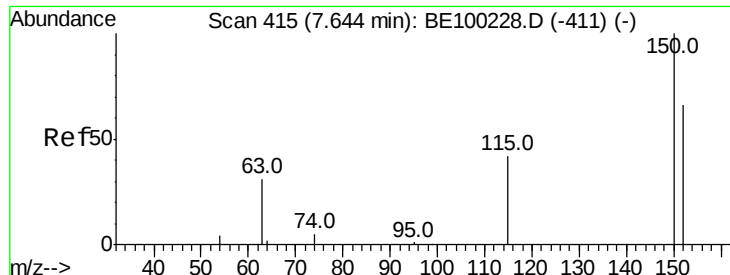
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100346.D
Acq On : 4 Jul 2019 1:47
Operator : JU/SJ
Sample : K3558-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW173-062519

Quant Time: Jul 04 02:39:39 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.63 min Scan# 414

Delta R.T. -0.01 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

Instrument :

BNA_E

ClientSampleId :

EXT-032-SW173-062519

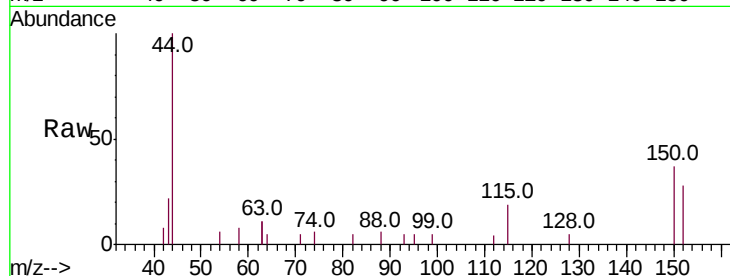
Tot Ion:152 Resp: 607

Ion Ratio Lower Upper

152 100

150 135.5 114.5 171.7

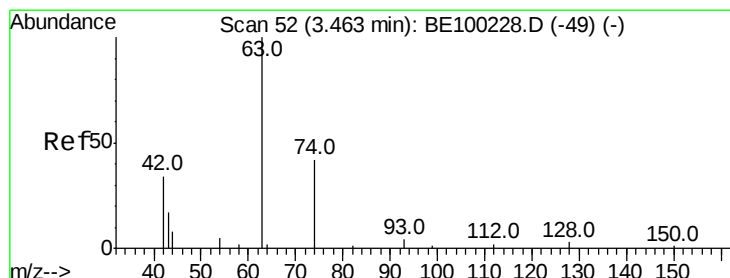
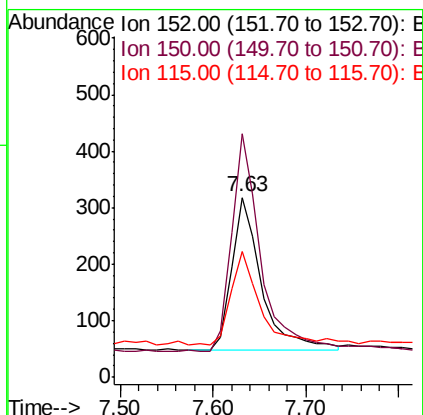
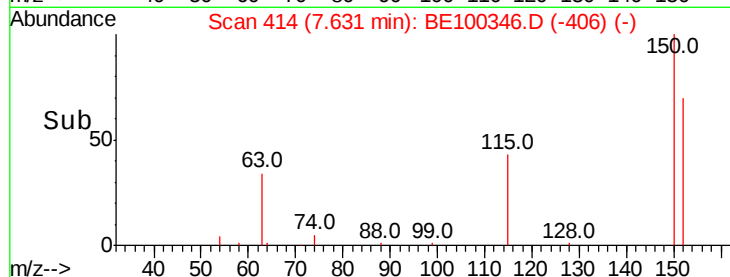
115 69.8 57.1 85.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

n-Nitrosodimethylamine

Concen: 0.087 ng

RT: 3.45 min Scan# 51

Delta R.T. -0.01 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

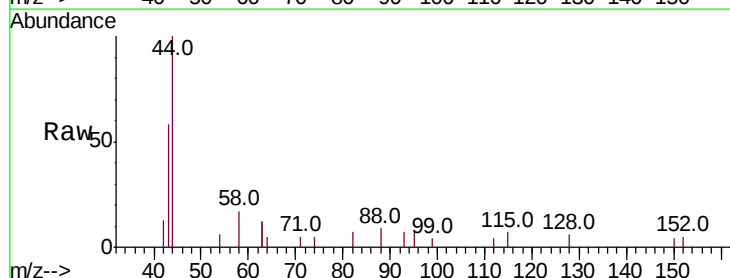
Tgt Ion: 42 Resp: 38

Ion Ratio Lower Upper

42 100

74 0.0 130.6 196.0#

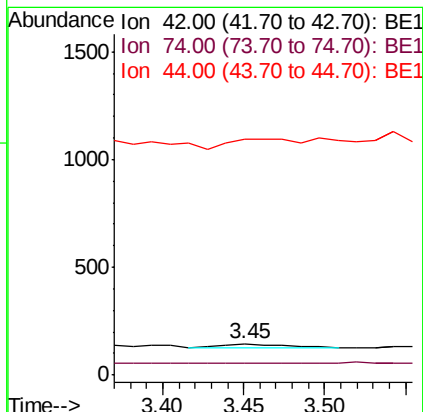
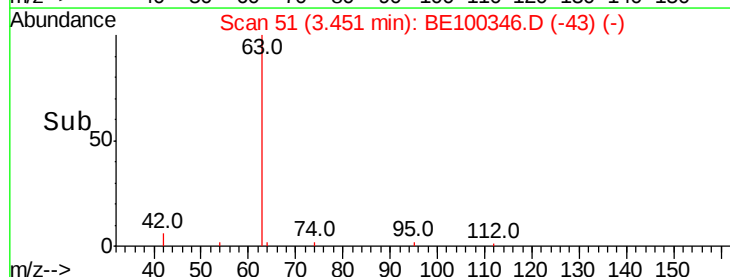
44 373.7 38.0 57.0#

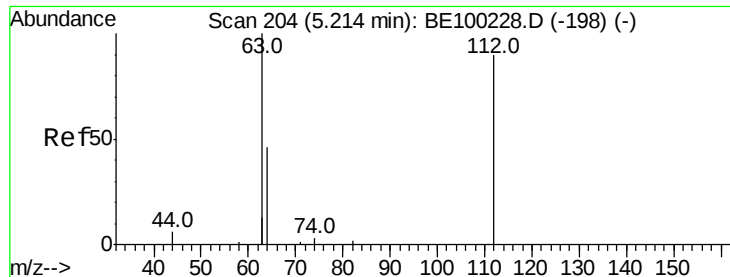


Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 0.198 ng

RT: 5.20 min Scan# 203

Delta R.T. -0.01 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

Instrument :

BNA_E

ClientSampleId :

EXT-032-SW173-062519

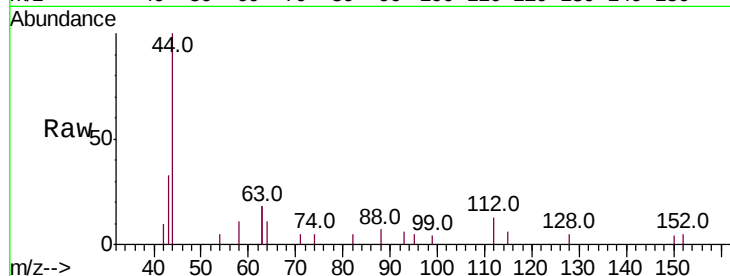
Tot Ion: 112 Resp: 307

Ion Ratio Lower Upper

112 100

64 59.9 39.4 59.0#

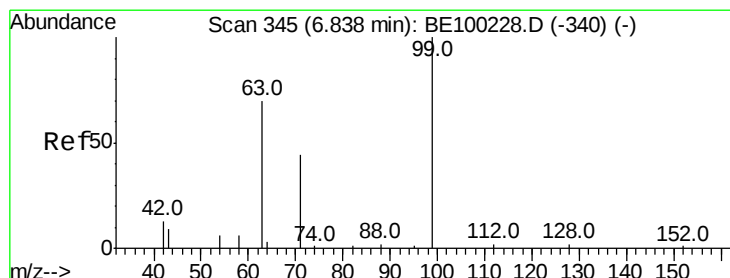
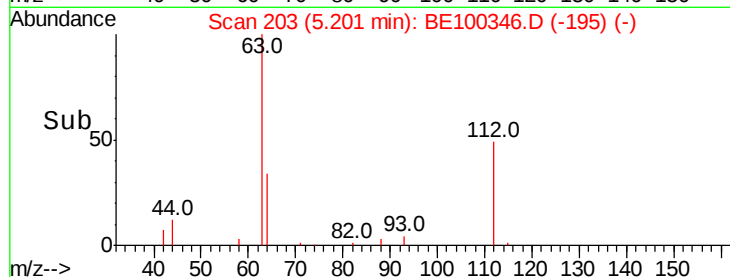
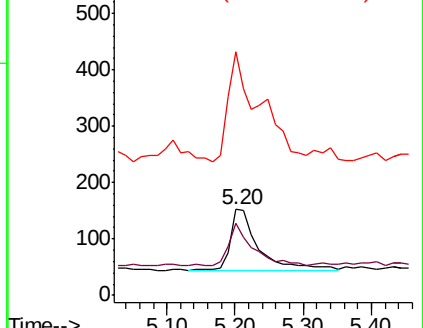
63 204.9 104.5 156.7#



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.197 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

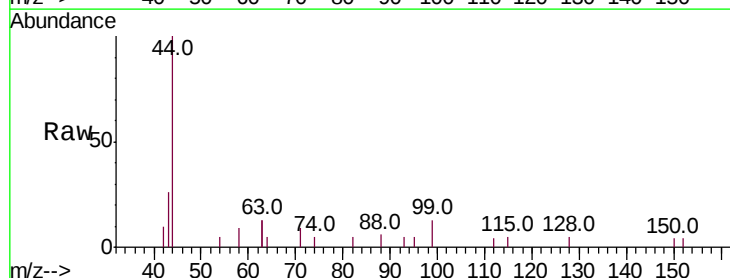
Tgt Ion: 99 Resp: 401

Ion Ratio Lower Upper

99 100

42 28.7 11.2 16.8#

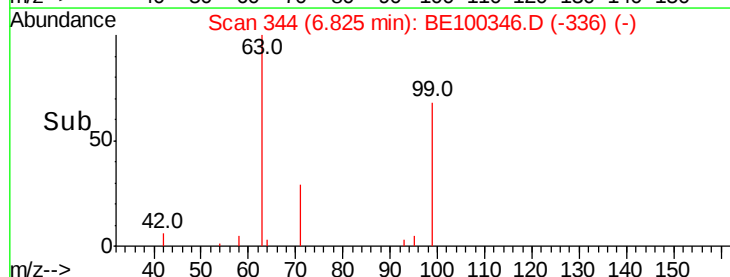
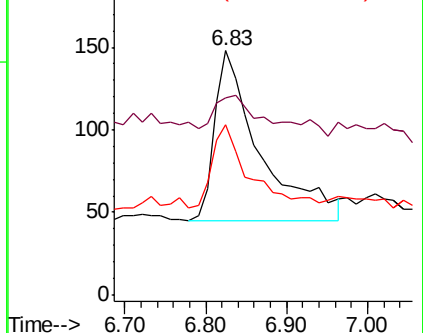
71 39.4 37.2 55.8

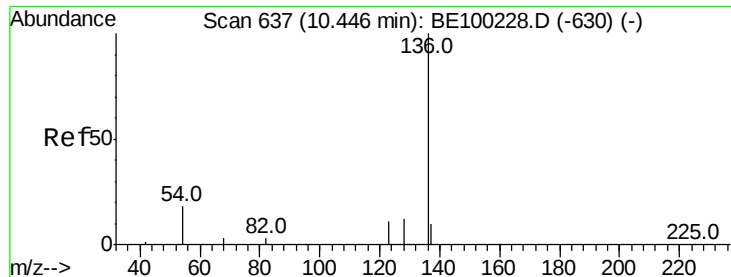


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

Instrument :

BNA_E

ClientSampleId :

EXT-032-SW173-062519

Tot Ion:136 Resp: 2048

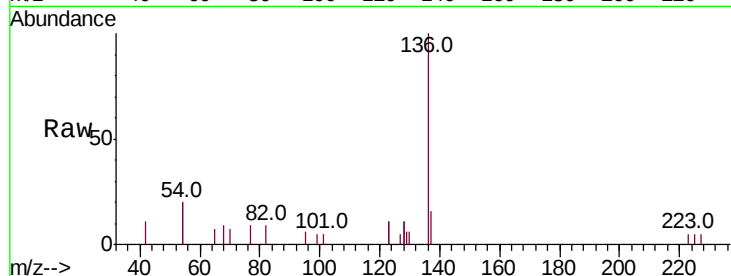
Ion Ratio Lower Upper

136 100

137 15.9 11.8 17.8

54 39.8 27.7 41.5

68 9.2 6.8 10.2

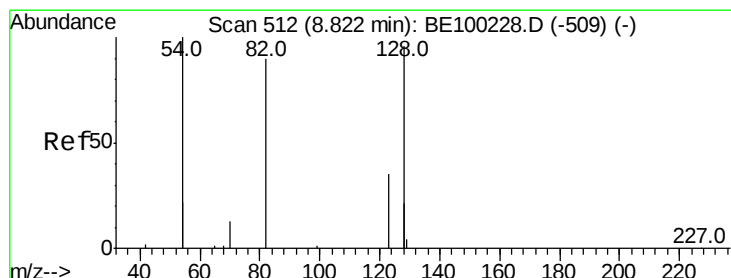
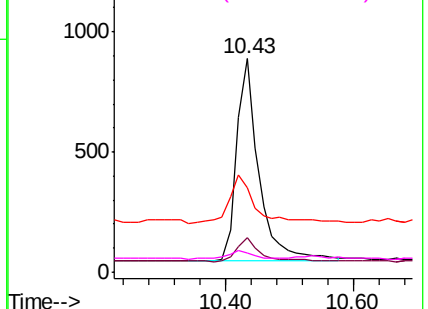
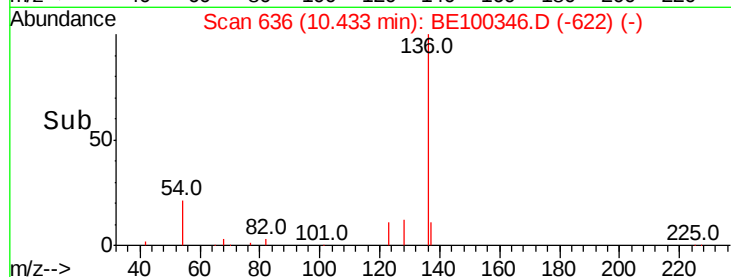


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.176 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

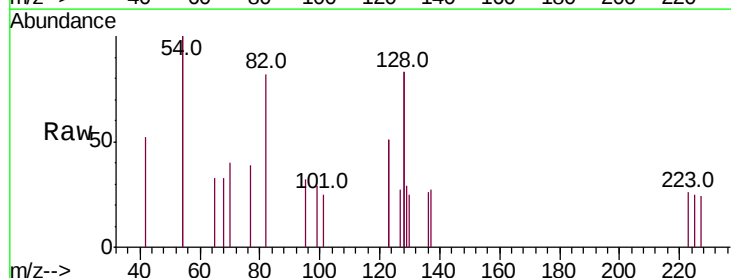
Tgt Ion: 82 Resp: 358

Ion Ratio Lower Upper

82 100

128 201.3 140.9 211.3

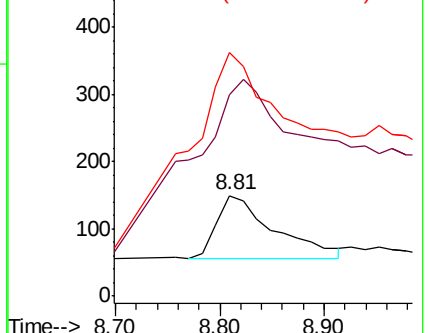
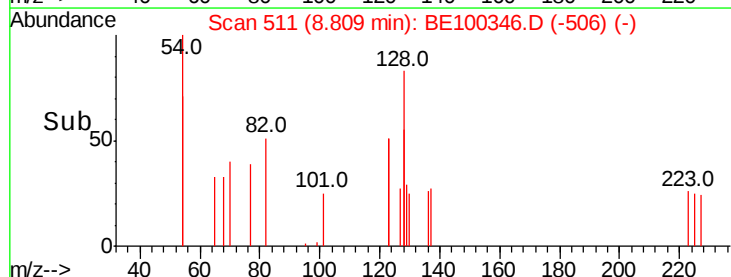
54 243.0 146.2 219.2#

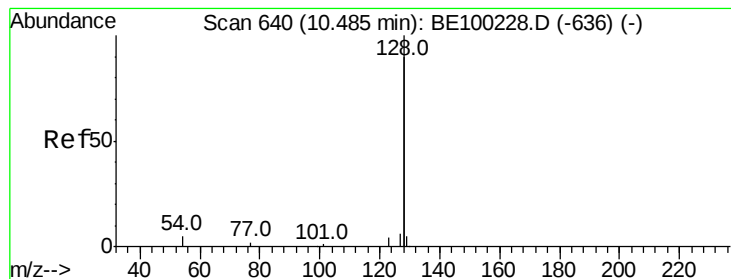


Abundance Ion 82.00 (81.70 to 82.70): BE1

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: 10.49 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

Instrument :

BNA_E

ClientSampleId :

EXT-032-SW173-062519

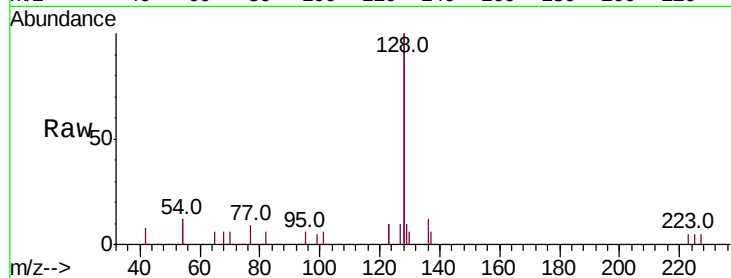
Tot Ion:128 Resp: 4731

Ion Ratio Lower Upper

128 100

129 5.0 3.0 4.6#

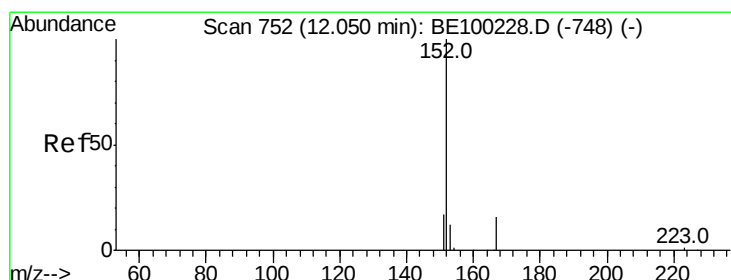
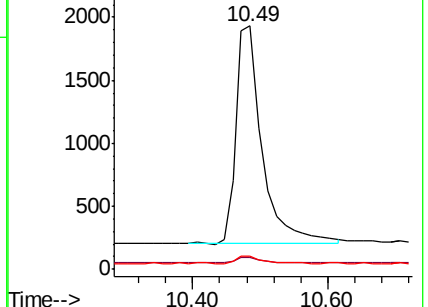
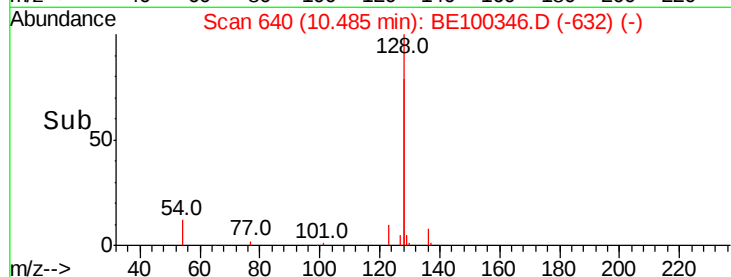
127 5.2 3.5 5.3



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: 0.213 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100346.D

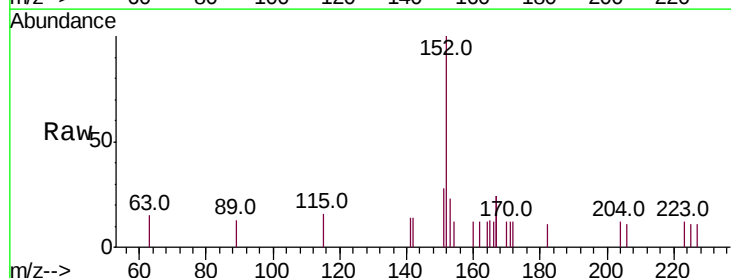
Acq: 4 Jul 2019 1:47

Tgt Ion:152 Resp: 822

Ion Ratio Lower Upper

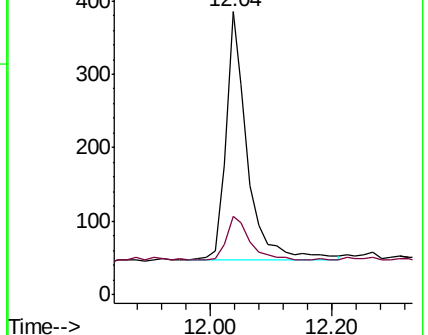
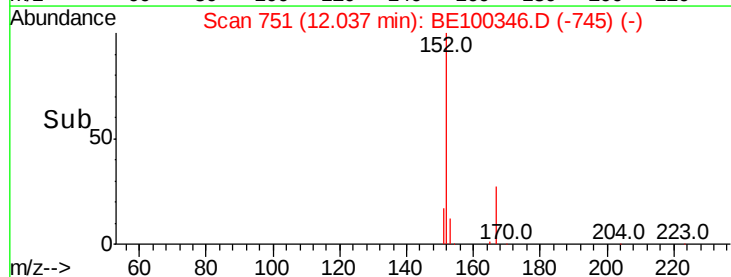
152 100

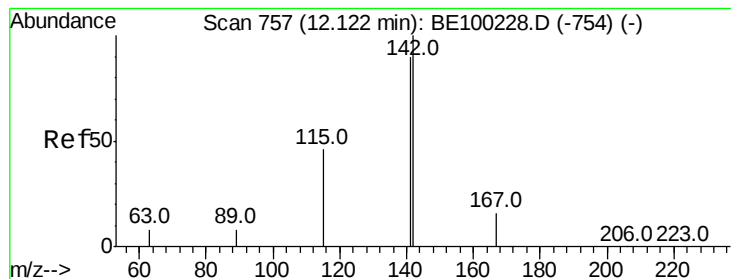
151 19.5 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.213 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

Instrument :

BNA_E

ClientSampleId :

EXT-032-SW173-062519

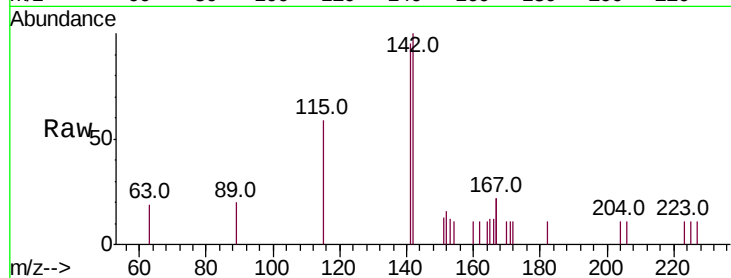
Tot Ion:142 Resp: 846

Ion Ratio Lower Upper

142 100

141 94.6 72.4 108.6

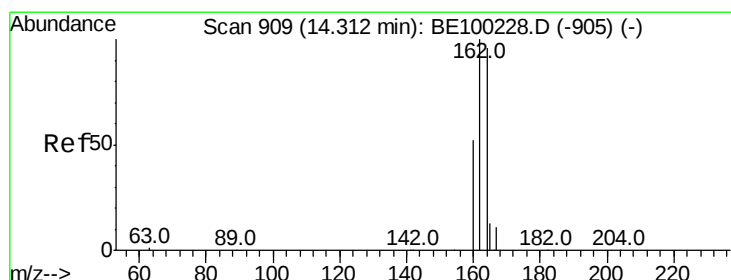
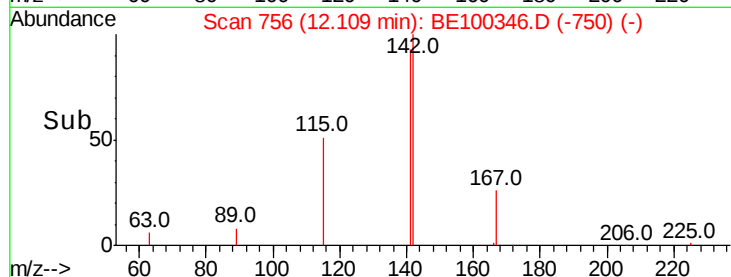
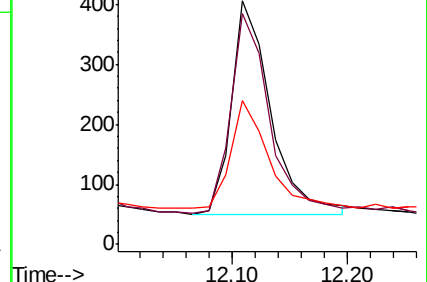
115 58.9 40.4 60.6



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: 14.31 min Scan# 909

Delta R.T. 0.00 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

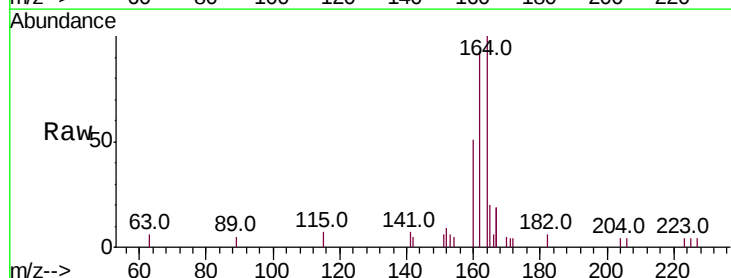
Tgt Ion:164 Resp: 1732

Ion Ratio Lower Upper

164 100

162 93.0 83.4 125.0

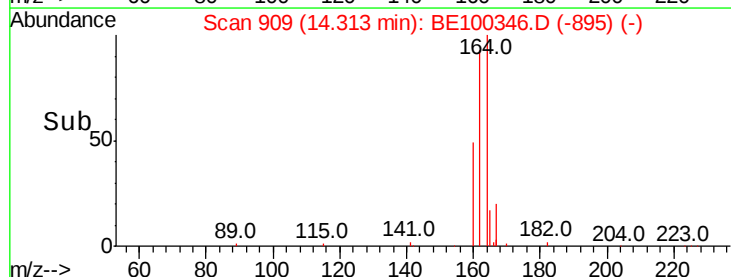
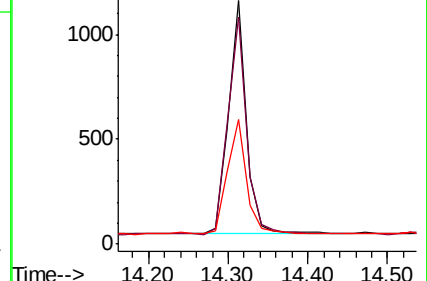
160 51.2 45.0 67.6

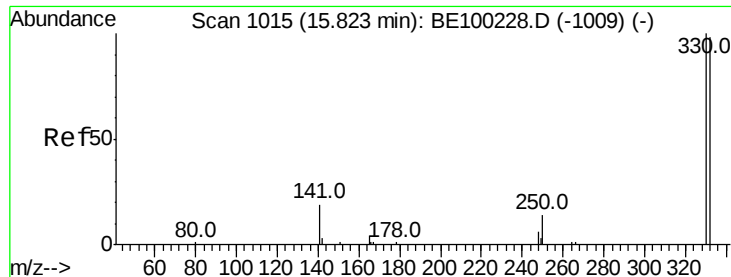


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.217 ng

RT: 15.81 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

Instrument :

BNA_E

ClientSampleId :

EXT-032-SW173-062519

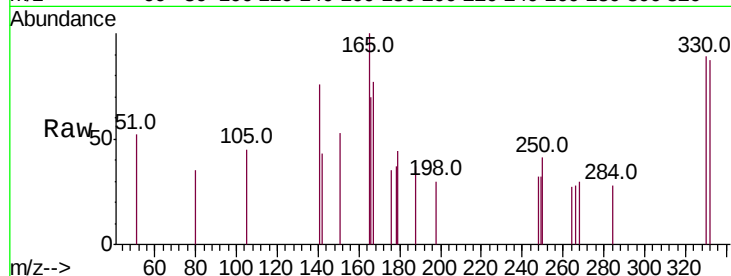
Tot Ion:330 Resp: 263

Ion Ratio Lower Upper

330 100

332 87.8 77.0 115.4

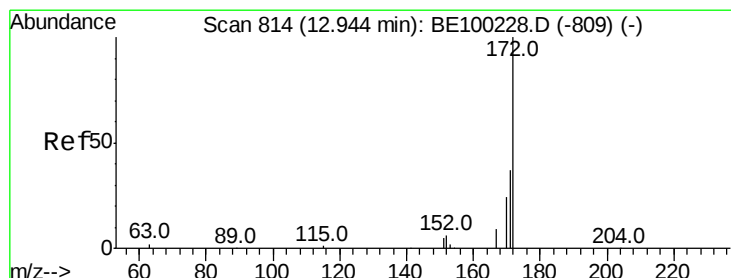
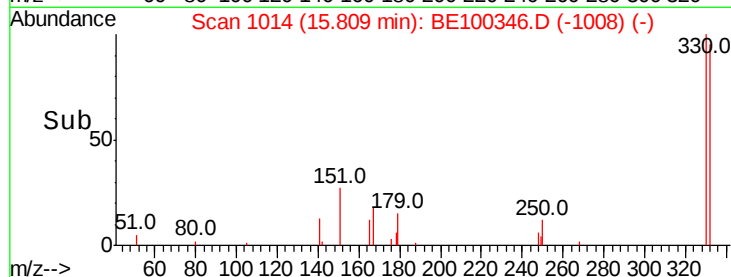
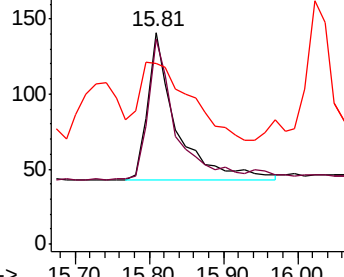
141 93.9 22.0 33.0#



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: 0.182 ng

RT: 12.93 min Scan# 813

Delta R.T. -0.01 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

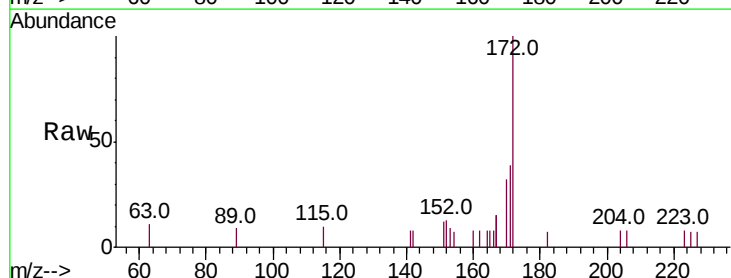
Tgt Ion:172 Resp: 1230

Ion Ratio Lower Upper

172 100

171 38.8 31.9 47.9

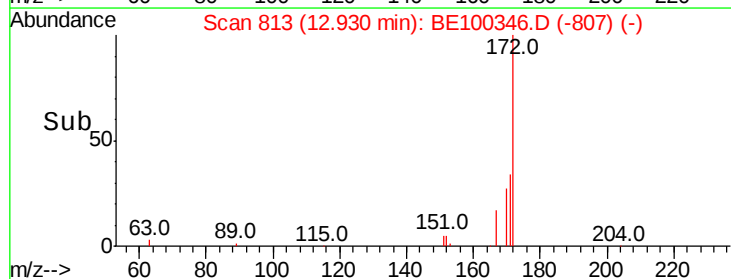
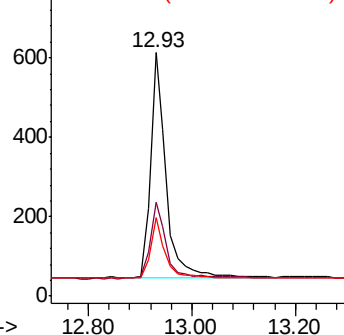
170 32.3 22.2 33.2

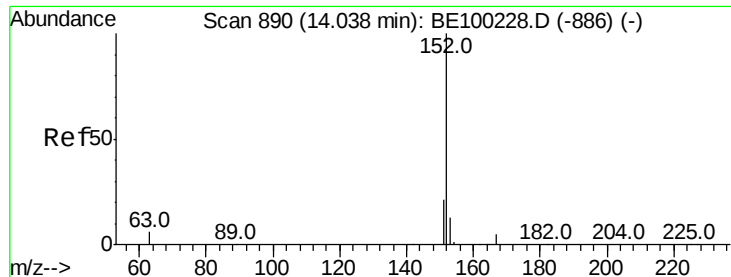


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.858 ng

RT: 14.02 min Scan# 889

Delta R.T. -0.01 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

Instrument :

BNA_E

ClientSampleId :

EXT-032-SW173-062519

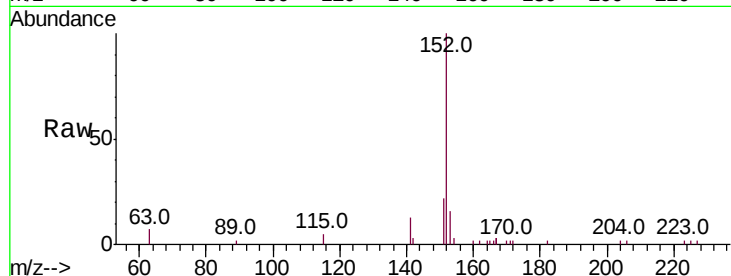
Tot Ion:152 Resp: 7133

Ion Ratio Lower Upper

152 100

151 20.3 16.6 25.0

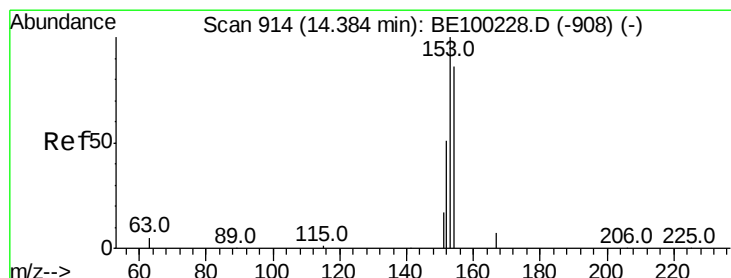
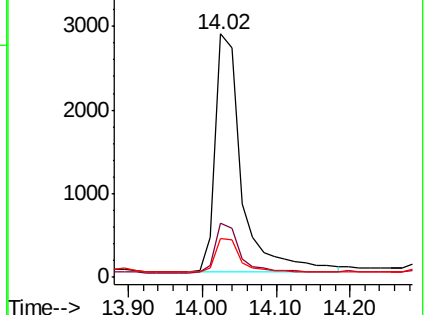
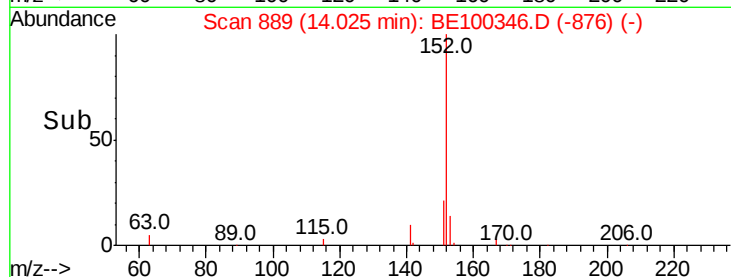
153 13.4 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.120 ng

RT: 14.37 min Scan# 913

Delta R.T. -0.01 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

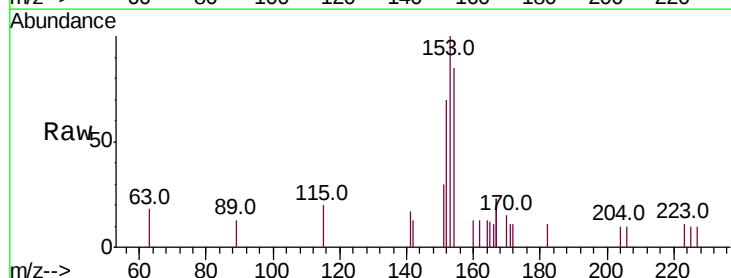
Tgt Ion:154 Resp: 564

Ion Ratio Lower Upper

154 100

153 121.5 93.4 140.2

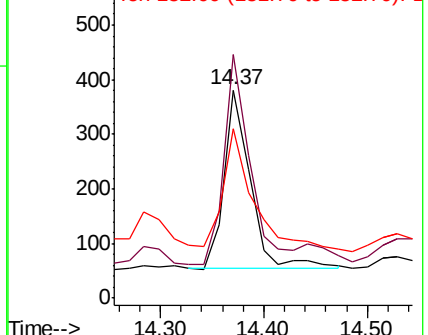
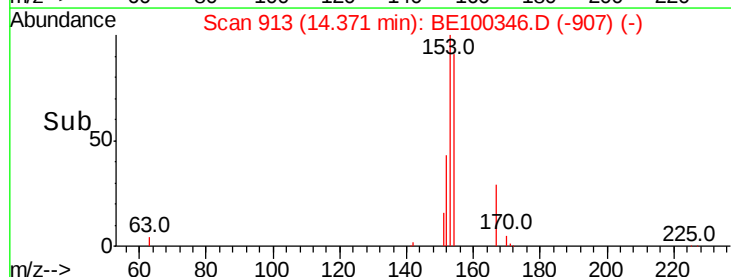
152 77.5 49.4 74.2#

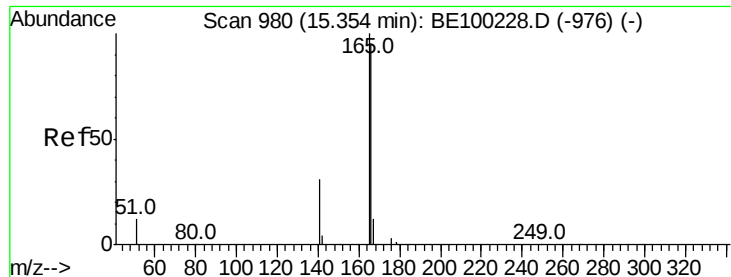


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.240 ng

RT: 15.35 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

Instrument :

BNA_E

ClientSampleId :

EXT-032-SW173-062519

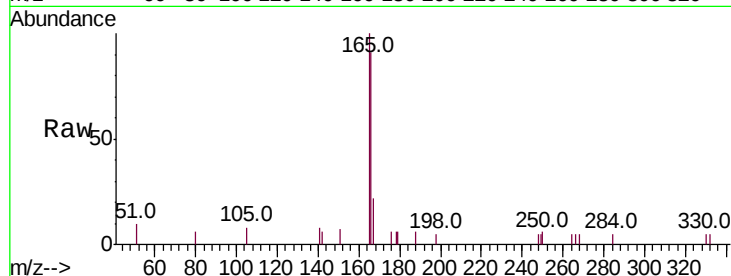
Tot Ion:166 Resp: 1674

Ion Ratio Lower Upper

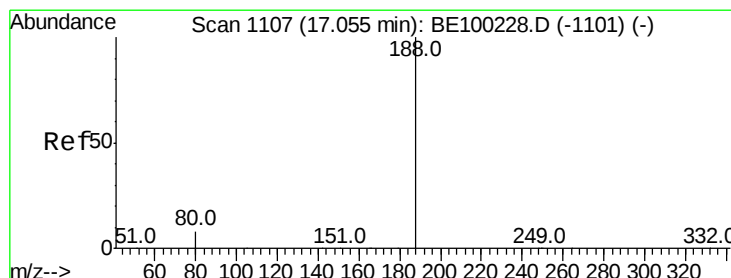
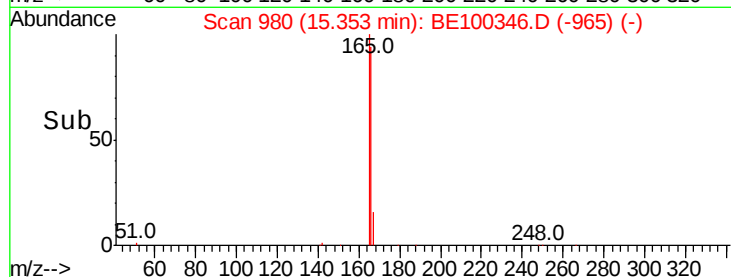
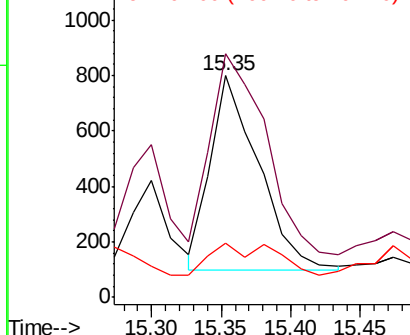
166 100

165 118.6 81.1 121.7

167 22.5 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: BE100346.D

Acq: 4 Jul 2019 1:47

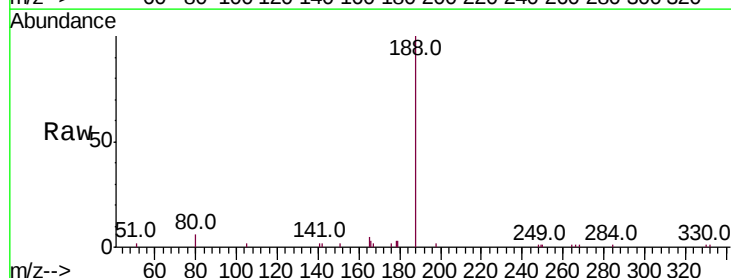
Tgt Ion:188 Resp: 5247

Ion Ratio Lower Upper

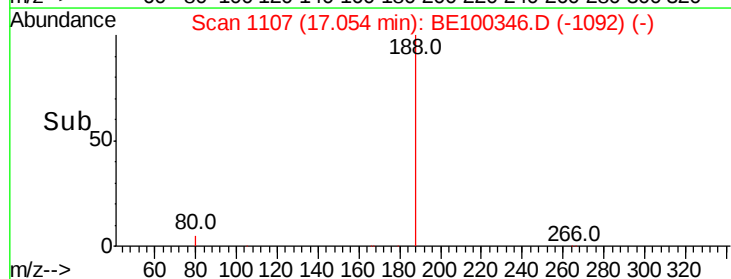
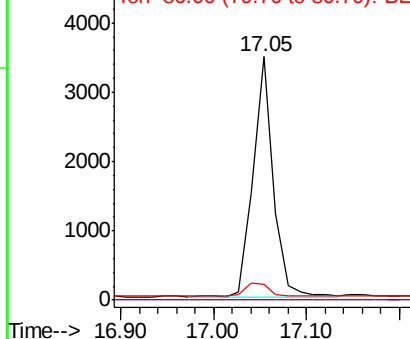
188 100

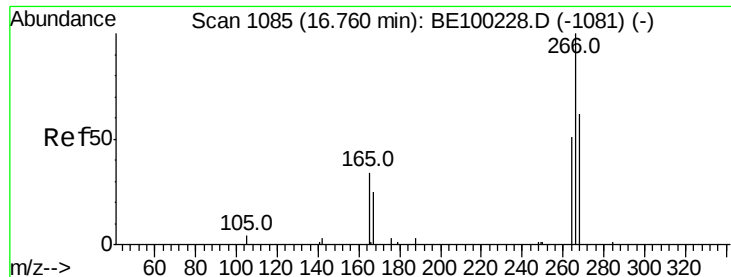
94 0.0 0.0 0.0

80 6.4 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

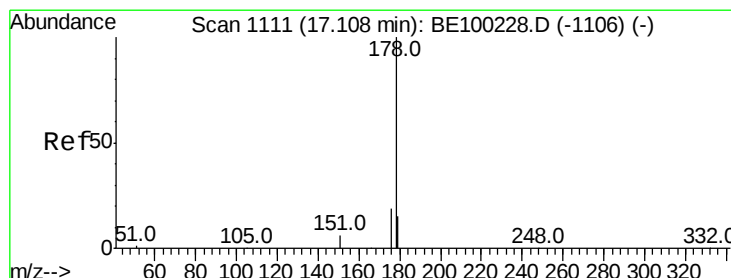
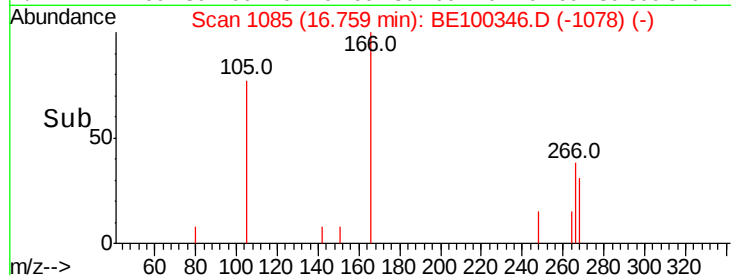
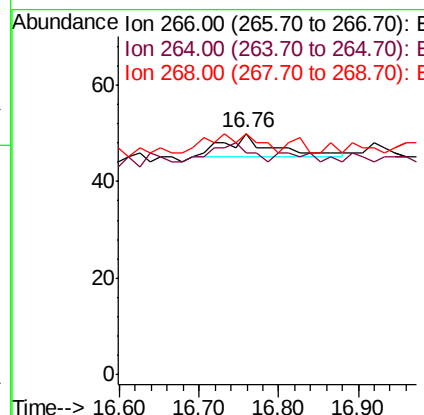
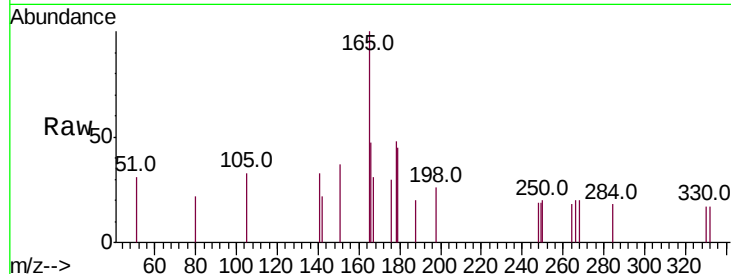




#22
 Pentachlorophenol
 Concen: 0.021 ng
 RT: 16.76 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BE100346.D
 Acq: 4 Jul 2019 1:47

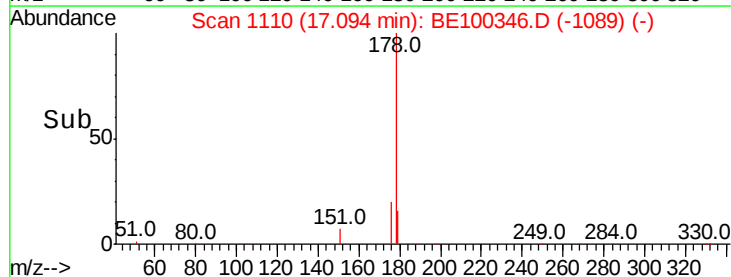
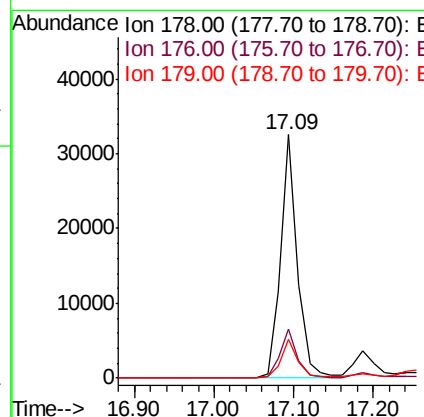
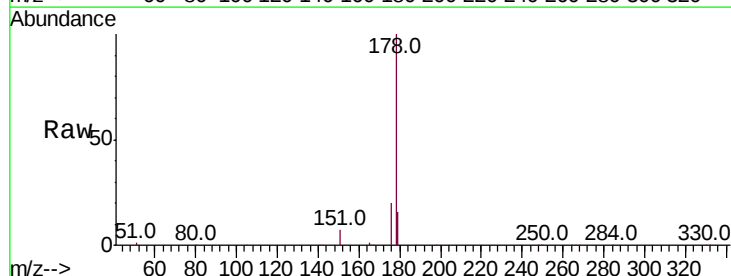
Instrument :
 BNA_E
 ClientSampleId :
 EXT-032-SW173-062519

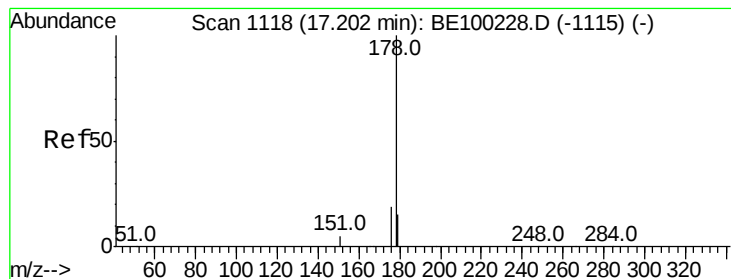
Tot Ion:266 Resp: 22
 Ion Ratio Lower Upper
 266 100
 264 92.0 56.2 84.2#
 268 100.0 61.8 92.6#



#23
 Phenanthrene
 Concen: 3.785 ng
 RT: 17.09 min Scan# 1110
 Delta R.T. -0.01 min
 Lab File: BE100346.D
 Acq: 4 Jul 2019 1:47

Tgt Ion:178 Resp: 48137
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 15.8 12.2 18.2





#24

Anthracene

Concen: 0.504 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

Instrument :

BNA_E

ClientSampleId :

EXT-032-SW173-062519

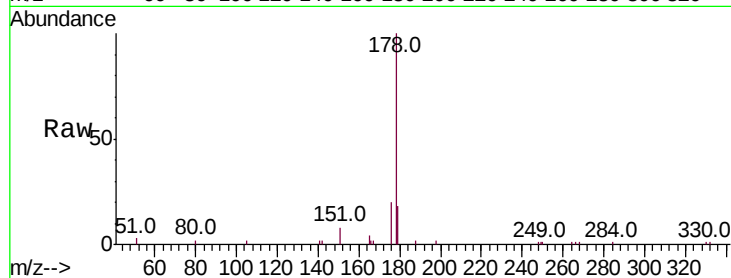
Tot Ion:178 Resp: 5770

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

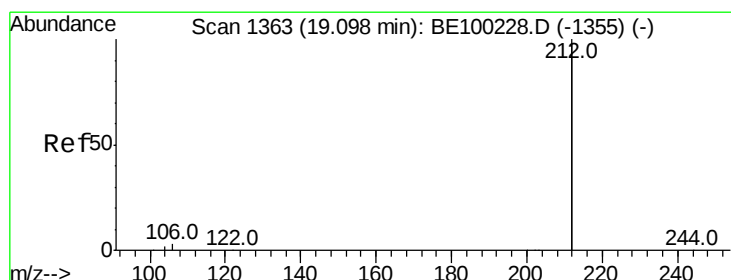
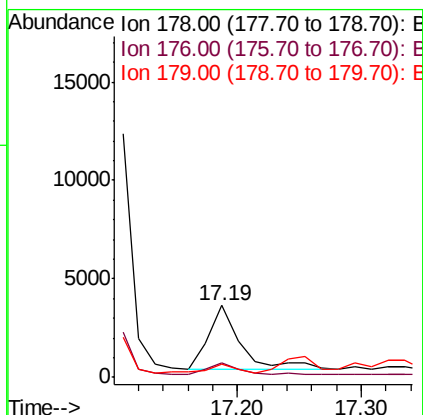
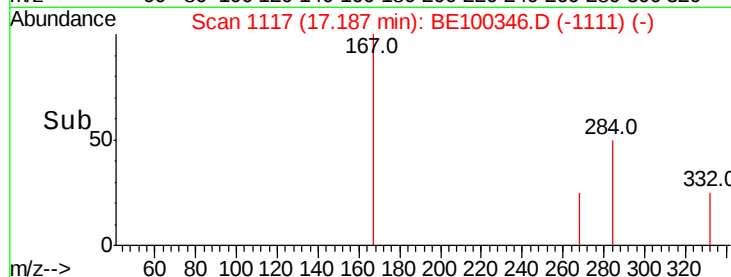
179 10.1 12.2 18.2#



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: 0.171 ng

RT: 19.09 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

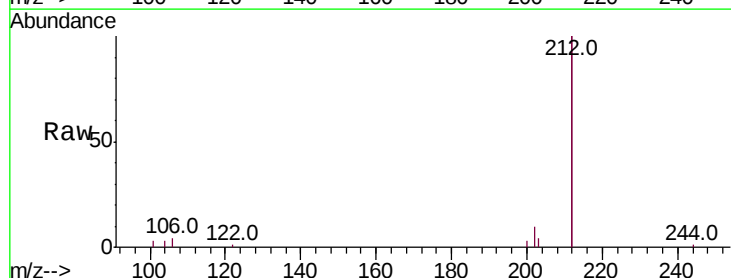
Tgt Ion:212 Resp: 12995

Ion Ratio Lower Upper

212 100

106 1.5 1.3 1.9

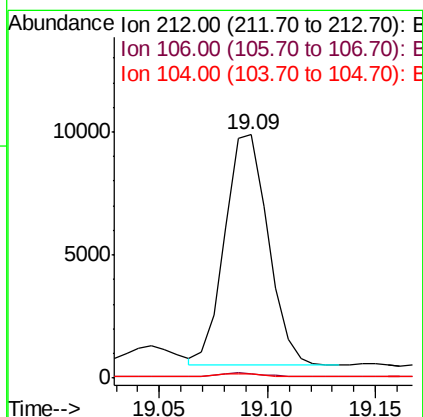
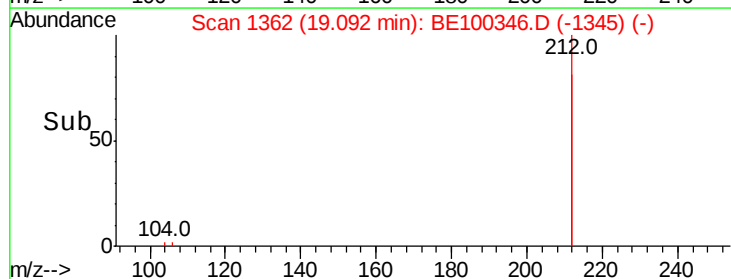
104 1.1 0.8 1.2

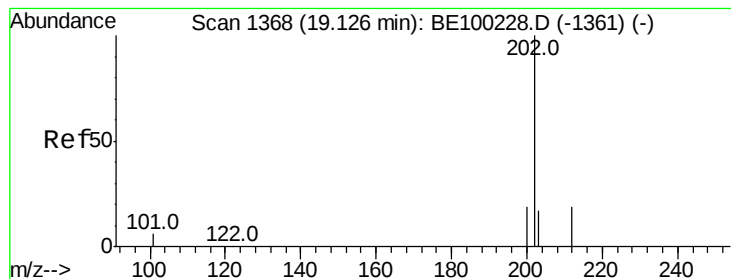


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 4.908 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

Instrument :

BNA_E

ClientSampleId :

EXT-032-SW173-062519

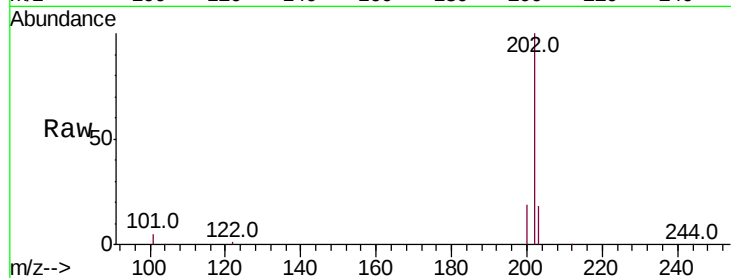
Tot Ion:202 Resp: 99422

Ion Ratio Lower Upper

202 100

101 5.3 4.6 7.0

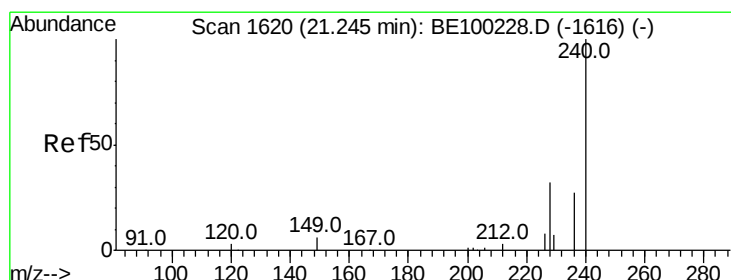
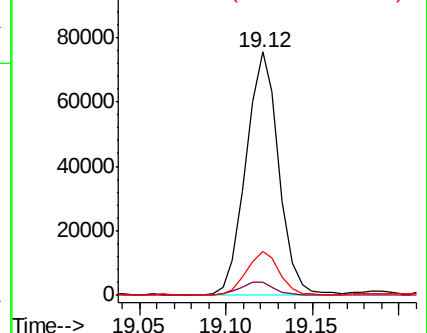
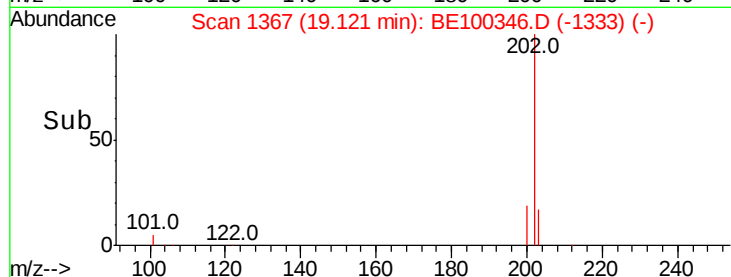
203 17.8 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

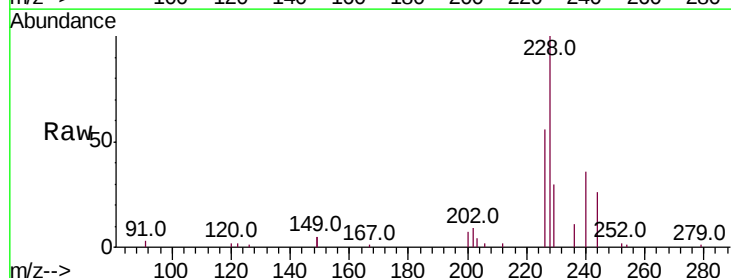
Tgt Ion:240 Resp: 7582

Ion Ratio Lower Upper

240 100

120 4.5 3.3 4.9

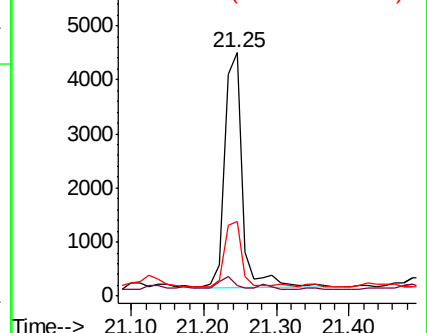
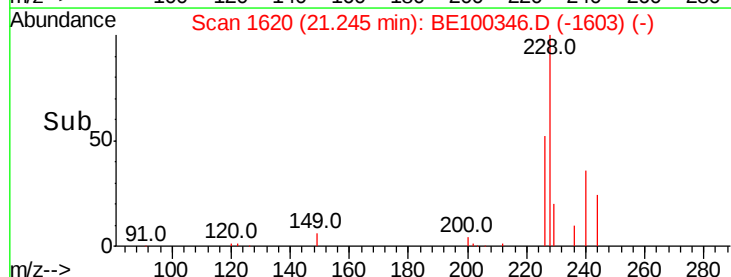
236 30.5 22.6 34.0

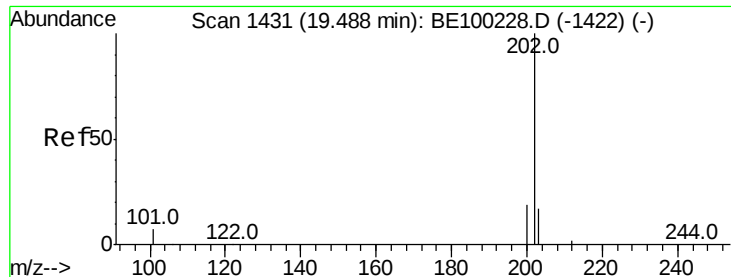


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

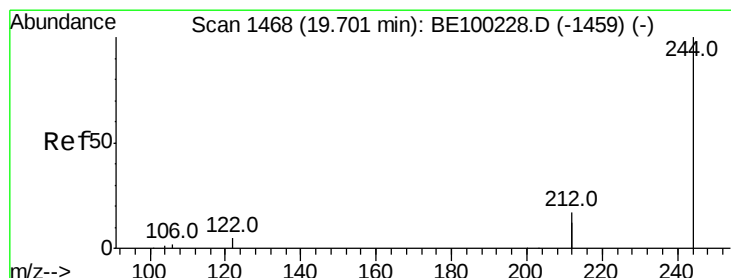
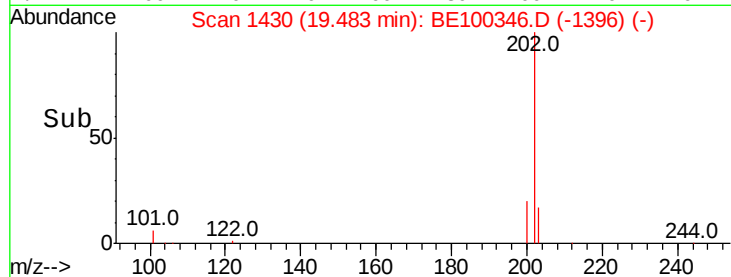
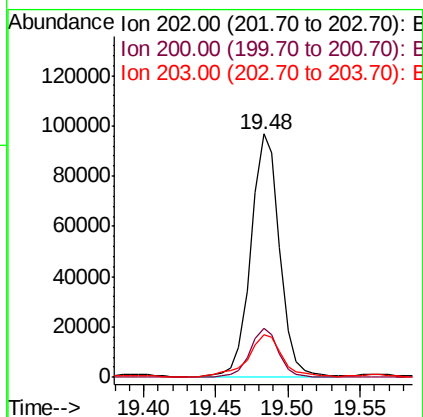
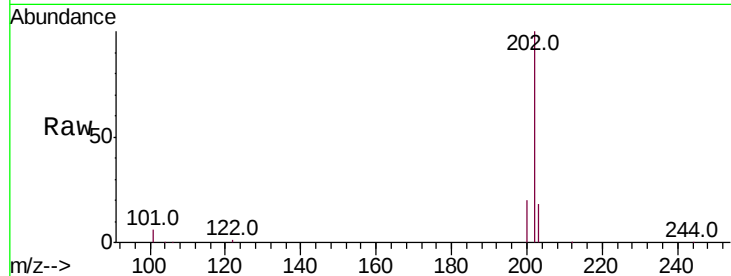




#28
Pvrene
Concen: 6.710 ng
RT: 19.48 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BE100346.D
Acq: 4 Jul 2019 1:47

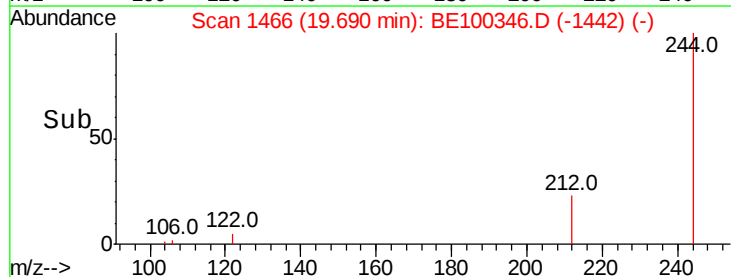
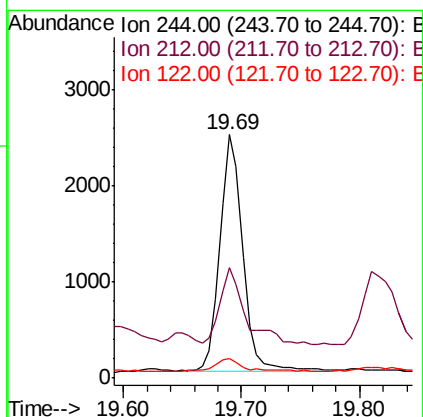
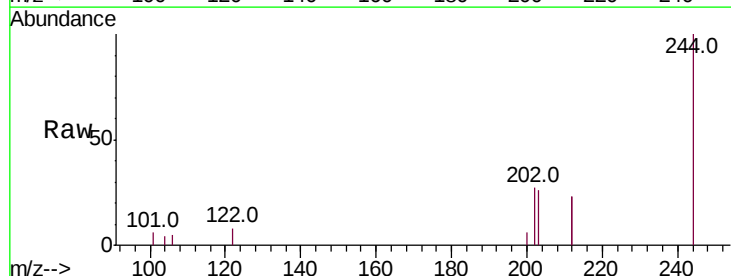
Instrument :
BNA_E
ClientSampleId :
EXT-032-SW173-062519

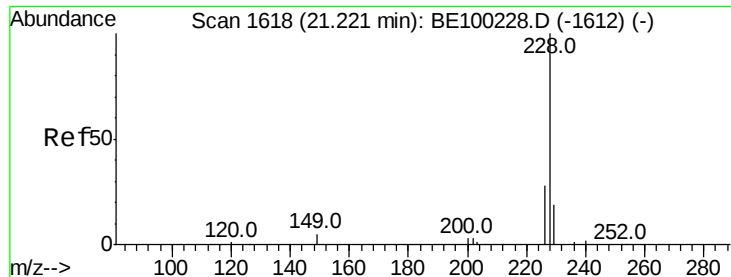
Tot Ion:202 Resp: 134691
Ion Ratio Lower Upper
202 100
200 19.8 15.6 23.4
203 20.4 14.0 21.0



#29
Terphenyl-d14
Concen: 0.207 ng
RT: 19.69 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BE100346.D
Acq: 4 Jul 2019 1:47

Tgt Ion:244 Resp: 3246
Ion Ratio Lower Upper
244 100
212 45.3 27.3 40.9#
122 7.8 4.7 7.1#





#30

Benzo(a)anthracene

Concen: 2.789 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

Instrument :

BNA_E

ClientSampleId :

EXT-032-SW173-062519

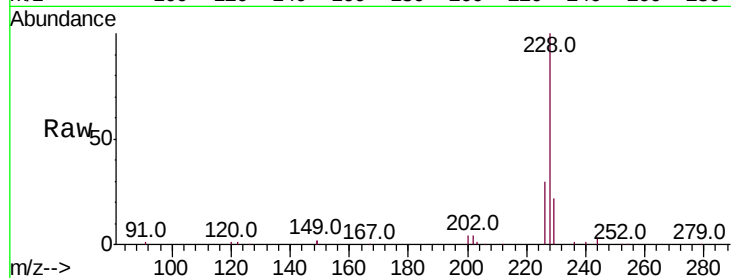
Tot Ion:228 Resp: 69521

Ion Ratio Lower Upper

228 100

226 29.8 23.2 34.8

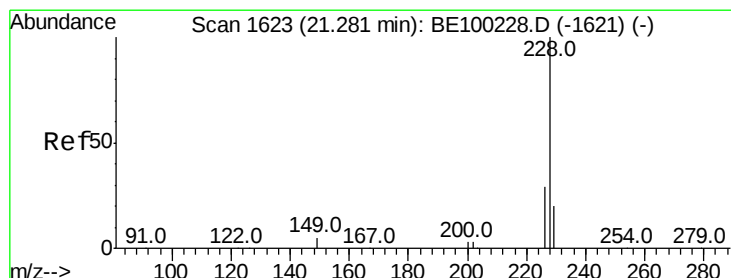
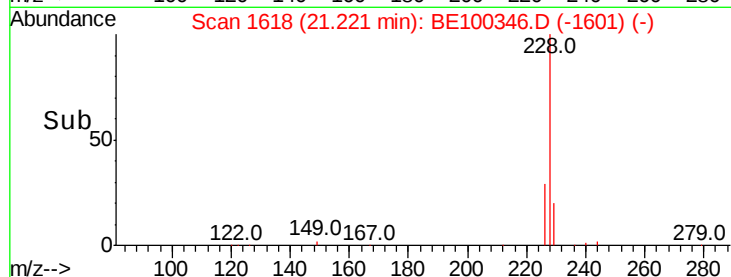
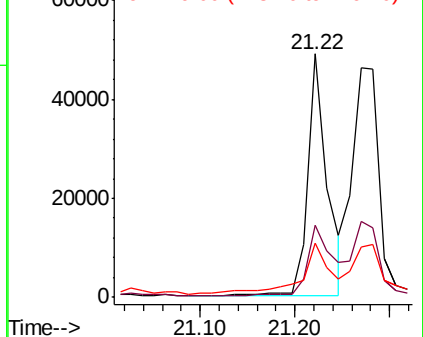
229 22.5 15.7 23.5



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: 3.501 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

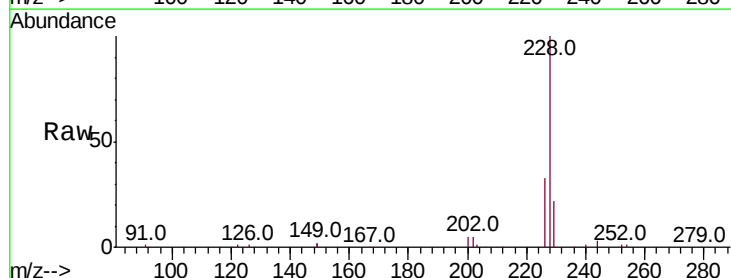
Tgt Ion:228 Resp: 87632

Ion Ratio Lower Upper

228 100

226 32.8 23.9 35.9

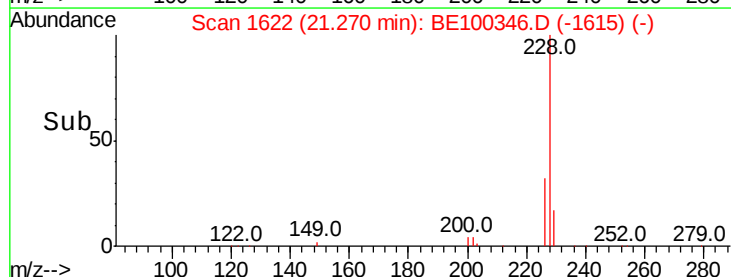
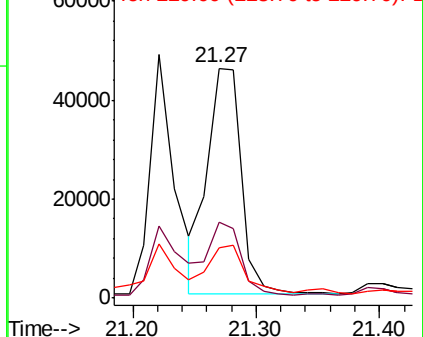
229 22.0 16.5 24.7

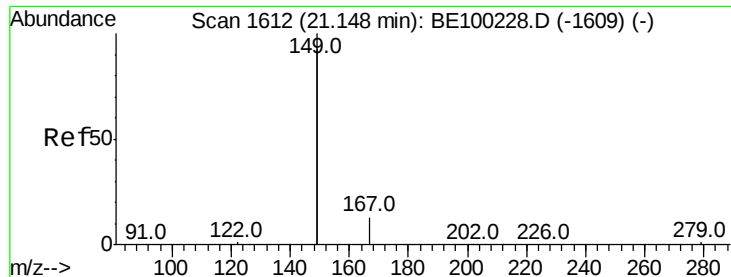


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.258 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

Instrument :

BNA_E

ClientSampleId :

EXT-032-SW173-062519

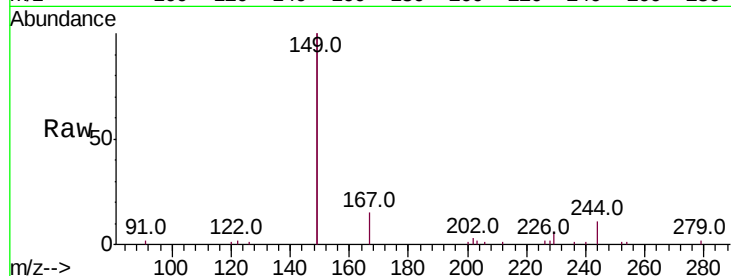
Tot Ion:149 Resp: 46365

Ion Ratio Lower Upper

149 100

167 7.2 5.8 8.8

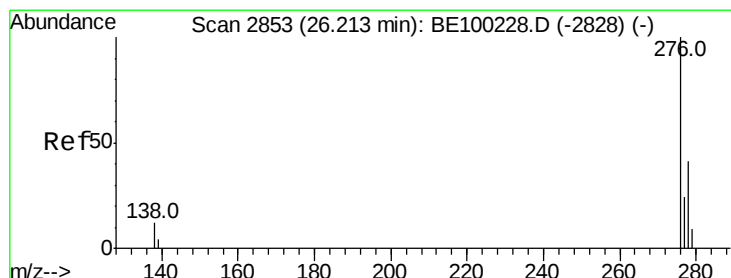
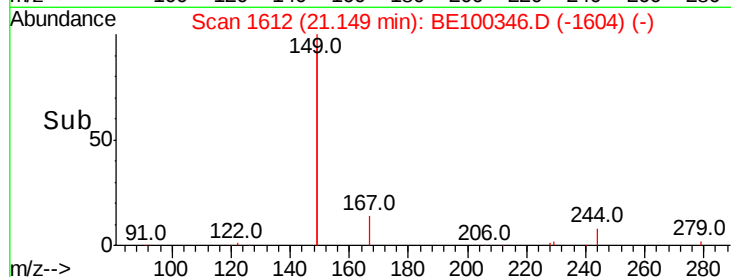
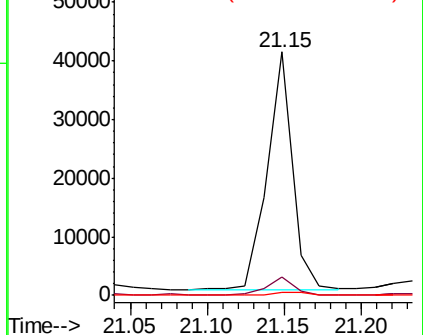
279 1.3 1.1 1.7



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: 1.382 ng

RT: 26.22 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

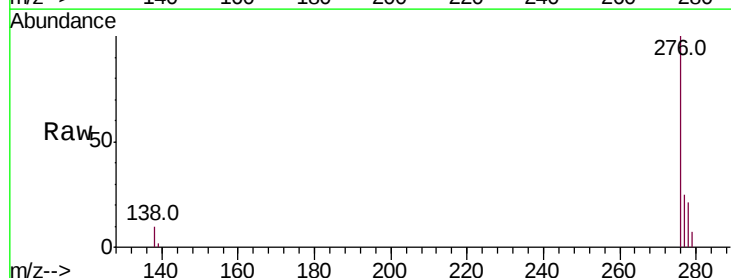
Tgt Ion:276 Resp: 45763

Ion Ratio Lower Upper

276 100

138 9.3 9.4 14.0#

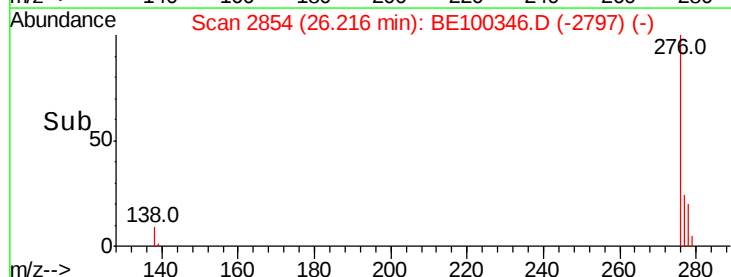
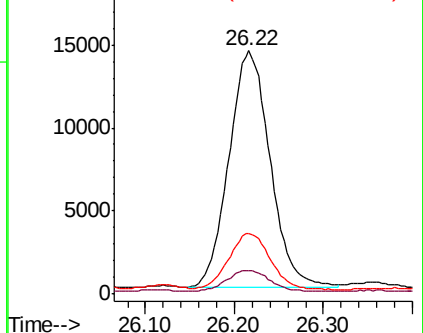
277 23.9 19.2 28.8

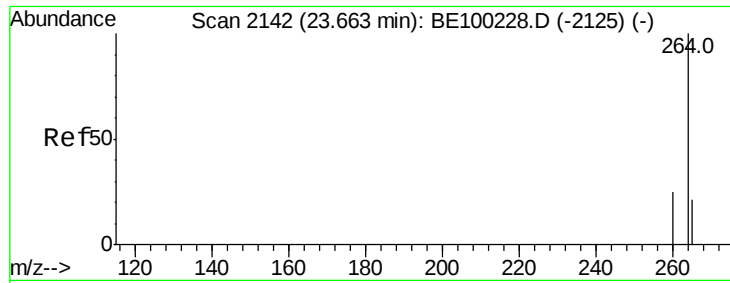


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

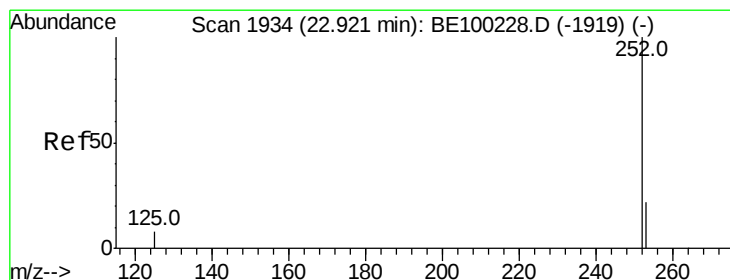
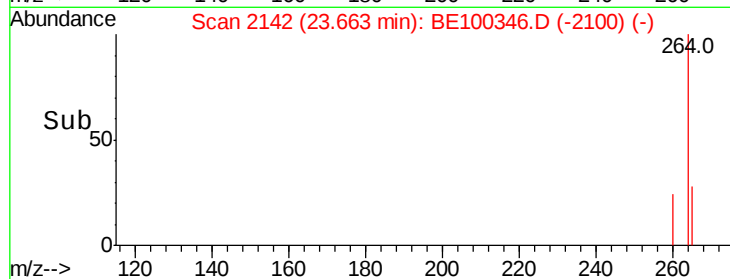
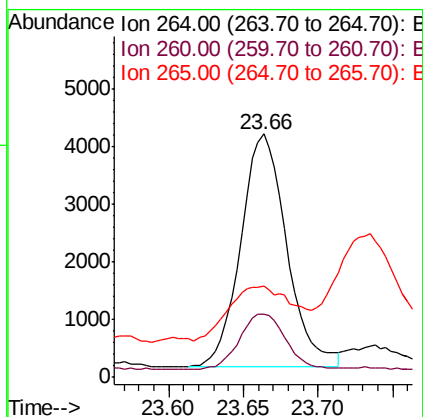
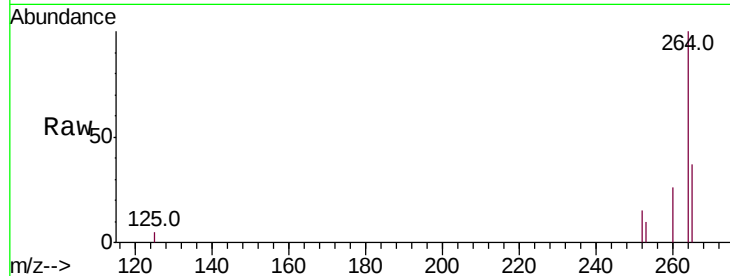




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.66 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BE100346.D
Acq: 4 Jul 2019 1:47

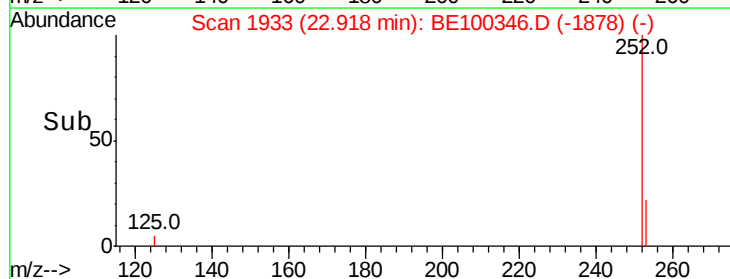
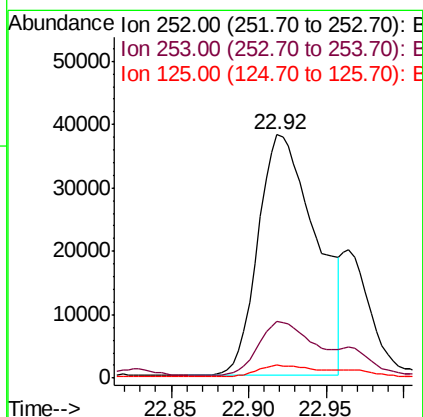
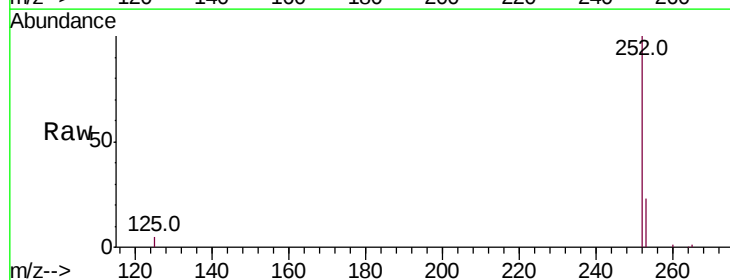
Instrument :
BNA_E
ClientSampleId :
EXT-032-SW173-062519

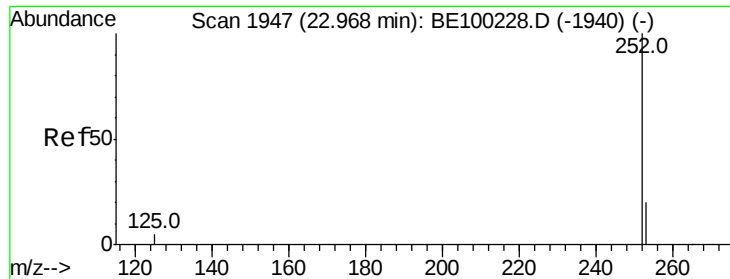
Tot Ion:264 Resp: 8661
Ion Ratio Lower Upper
264 100
260 26.1 20.8 31.2
265 37.4 21.8 32.6#



#35
Benzo(b)fluoranthene
Concen: 4.183 ng
RT: 22.92 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BE100346.D
Acq: 4 Jul 2019 1:47

Tgt Ion:252 Resp: 98214
Ion Ratio Lower Upper
252 100
253 23.1 19.2 28.8
125 5.2 7.4 11.0#

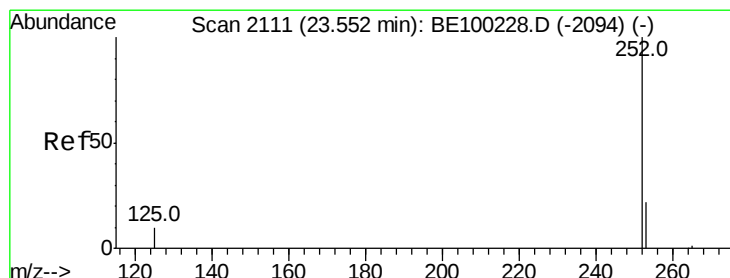
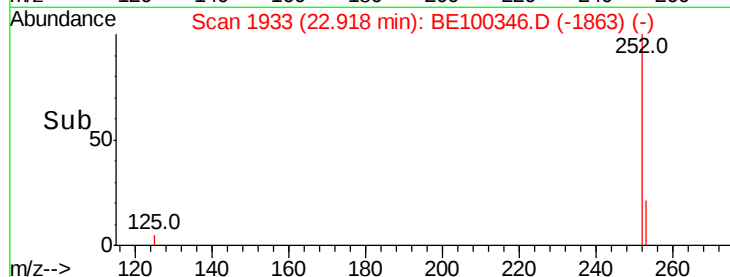
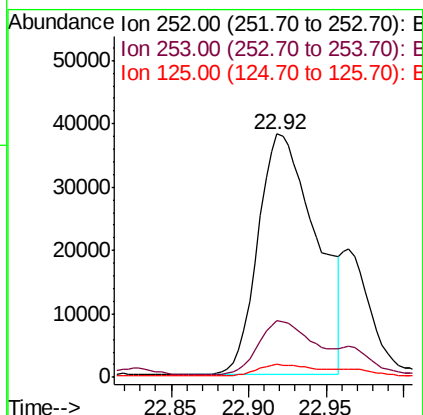
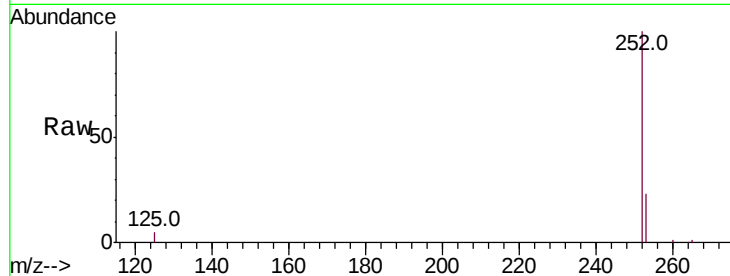




#36
Benzo(k)fluoranthene
Concen: 3.747 ng
RT: 22.92 min Scan# 1933
Delta R.T. -0.05 min
Lab File: BE100346.D
Acq: 4 Jul 2019 1:47

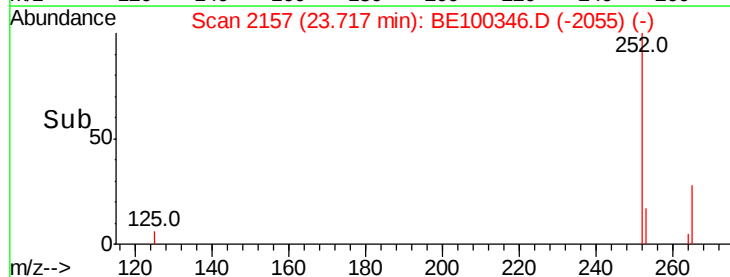
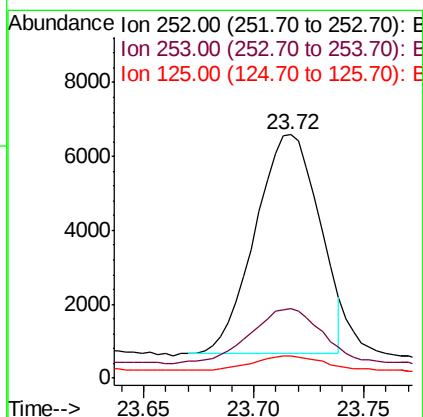
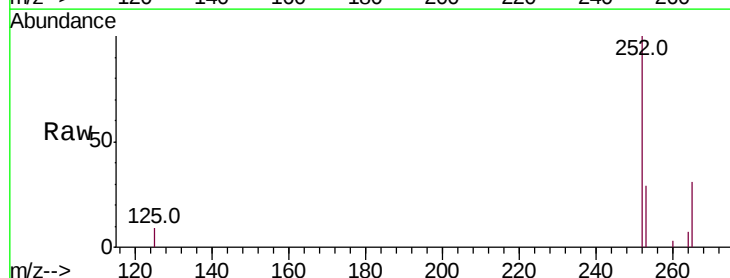
Instrument :
BNA_E
ClientSampleId :
EXT-032-SW173-062519

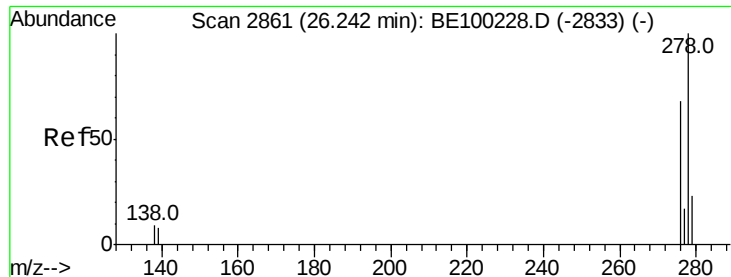
Tot Ion:252 Resp: 98214
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 5.2 5.0 7.4



#37
Benzo(a)pyrene
Concen: 0.510 ng
RT: 23.72 min Scan# 2157
Delta R.T. 0.16 min
Lab File: BE100346.D
Acq: 4 Jul 2019 1:47

Tgt Ion:252 Resp: 11992
Ion Ratio Lower Upper
252 100
253 28.8 19.6 29.4
125 9.3 9.0 13.6





#38

Dibenzo(a,h)anthracene

Concen: 0.475 ng

RT: 26.23 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

Instrument :

BNA_E

ClientSampleId :

EXT-032-SW173-062519

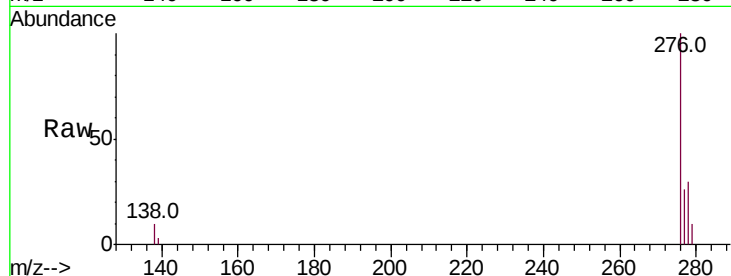
Tot Ion:278 Resp: 11667

Ion Ratio Lower Upper

278 100

139 10.3 8.2 12.2

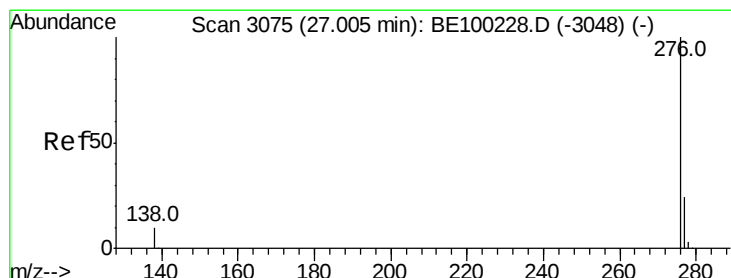
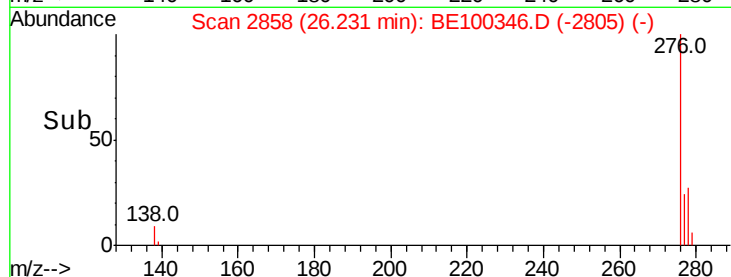
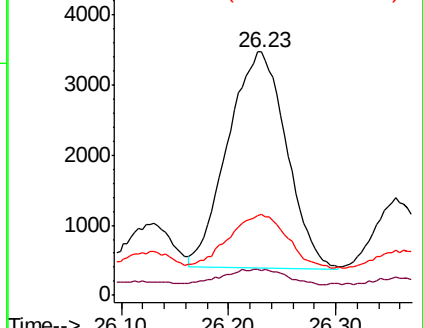
279 33.4 20.3 30.5#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 2.080 ng

RT: 27.00 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BE100346.D

Acq: 4 Jul 2019 1:47

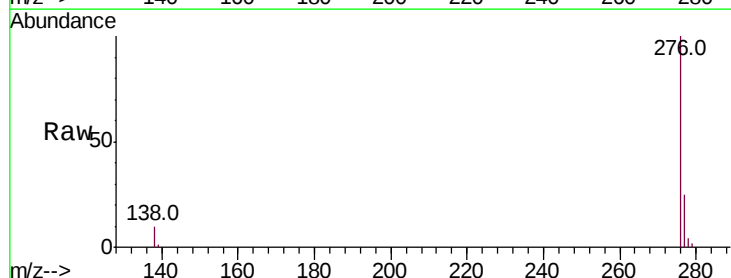
Tgt Ion:276 Resp: 52511

Ion Ratio Lower Upper

276 100

277 25.0 20.2 30.2

138 10.0 9.0 13.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

