

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111519\
 Data File : BE100742.D
 Acq On : 15 Nov 2019 18:07
 Operator : JU
 Sample : K5728-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-034-SW091-110619-4

Quant Time: Nov 15 22:33:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 15 15:55:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	3363	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	14507	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	9504	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	21287	0.40	ng	0.00
27) Chrysene-d12	21.29	240	22897	0.40	ng	0.00
34) Perylene-d12	23.73	264	25458	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1817	0.19	ng	0.00
5) Phenol-d6	6.94	99	3165	0.23	ng	0.00
8) Nitrobenzene-d5	8.91	82	2316	0.19	ng	0.00
11) 2-Methylnaphthalene-d10	12.15	152	4432	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.89	330	259	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	5839	0.17	ng	0.00
25) Fluoranthene-d10	19.16	212	47167	0.17	ng	0.00
29) Terphenyl-d14	19.75	244	9172	0.17	ng	0.00

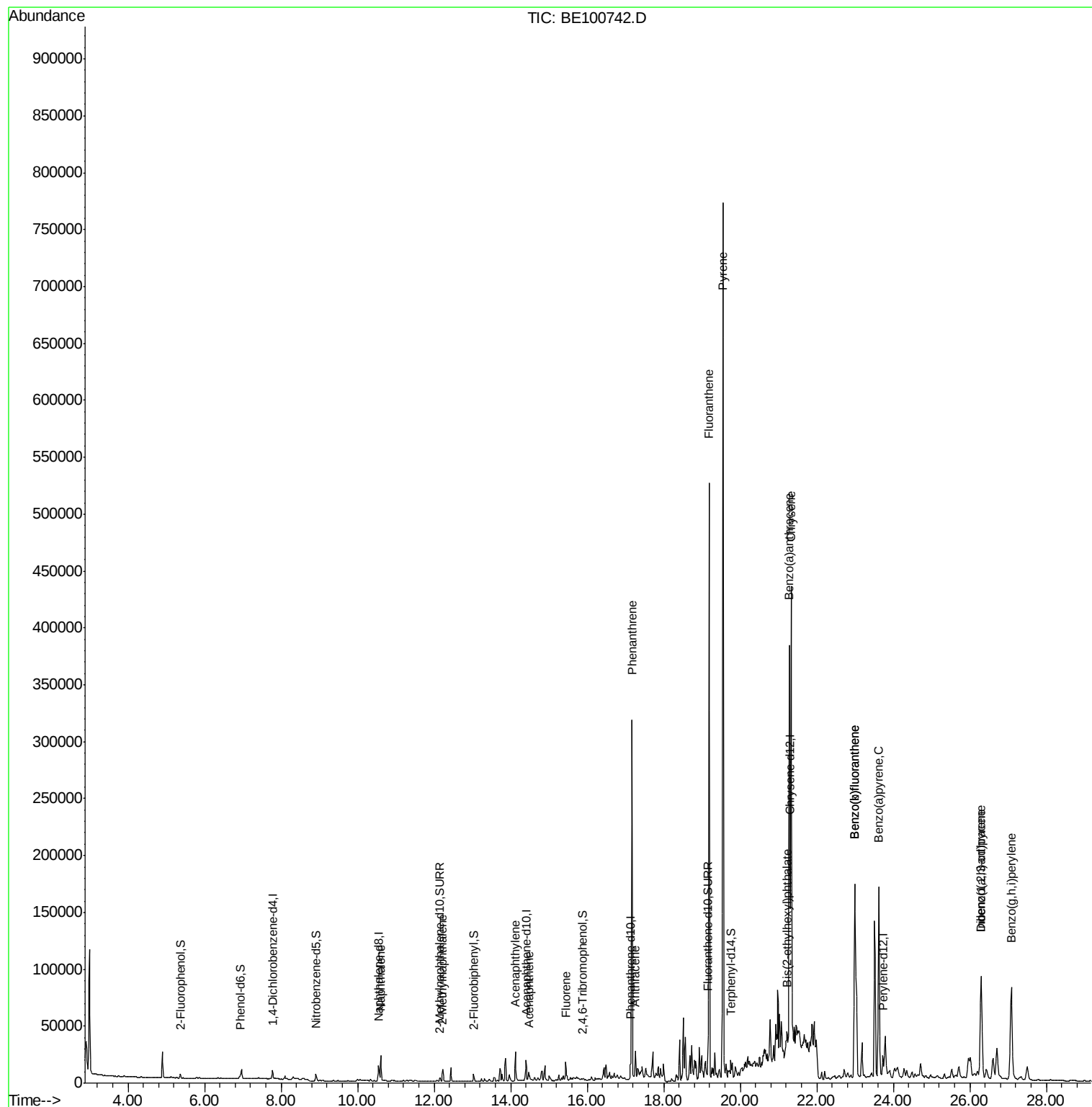
Target Compounds					Qvalue	
9) Naphthalene	10.60	128	34987	0.233	ng	100
12) 2-Methylnaphthalene	12.22	142	7344	0.286	ng	97
16) Acenaphthylene	14.13	152	30296	0.788	ng	97
17) Acenaphthene	14.47	154	4206	0.167	ng	93
18) Fluorene	15.43	166	12892	0.373	ng	# 86
23) Phenanthrene	17.17	178	349367	6.020	ng	99
24) Anthracene	17.25	178	30570	0.590	ng	98
26) Fluoranthene	19.18	202	486761	6.282	ng	98
28) Pyrene	19.55	202	711863	11.184	ng	96
30) Benzo(a)anthracene	21.28	228	321703	4.378	ng	93
31) Chrysene	21.33	228	362134	4.855	ng	98
32) Bis(2-ethylhexyl)phthalate	21.22	149	24419	0.187	ng	97
33) Indeno(1,2,3-cd)pyrene	26.29	276	165135	1.889	ng	97
35) Benzo(b)fluoranthene	22.99	252	336053	4.523	ng	99
36) Benzo(k)fluoranthene	22.99	252	336053	4.317	ng	98
37) Benzo(a)pyrene	23.62	252	263282	3.803	ng	99
38) Dibenzo(a,h)anthracene	26.30	278	49131	0.681	ng	95
39) Benzo(a,h,i)perylene	27.08	276	192579	2.720	ng	99

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

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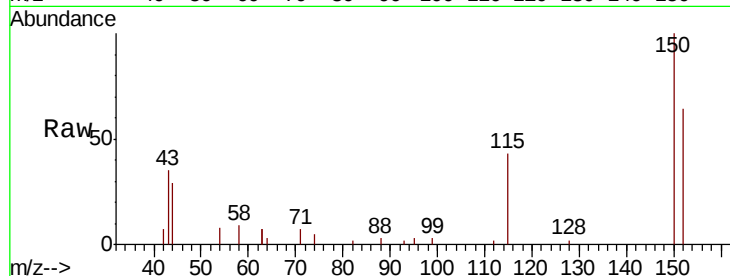


#1

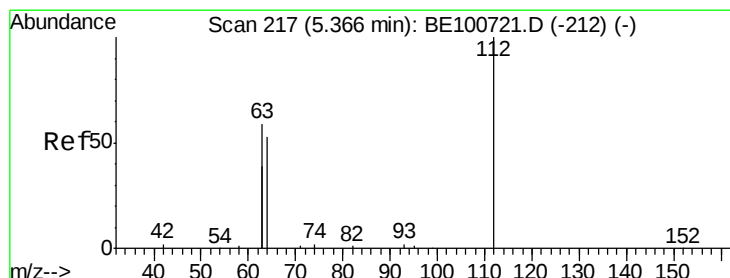
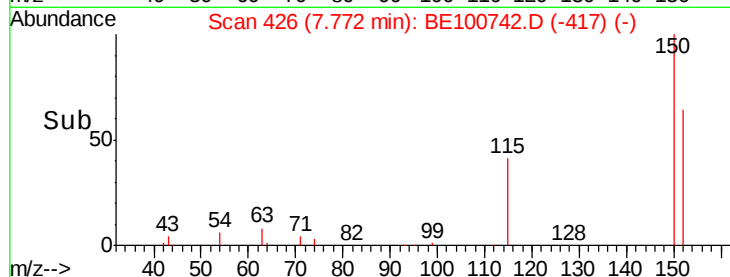
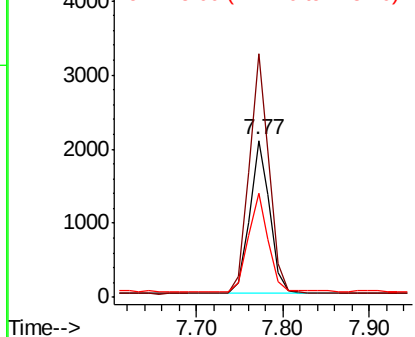
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100742.D
Acq: 15 Nov 2019 18:07

Instrument :
BNA_E
ClientSampleId :
EXT-034-SW091-110619-4

Tot Ion:152 Resp: 3363
Ion Ratio Lower Upper
152 100
150 155.4 123.4 185.0
115 66.1 52.1 78.1



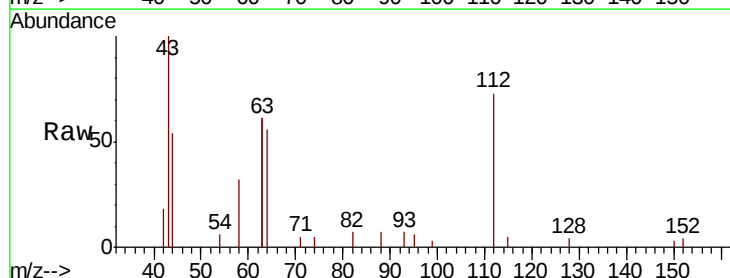
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



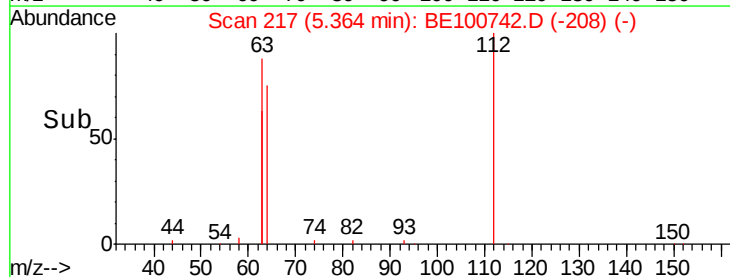
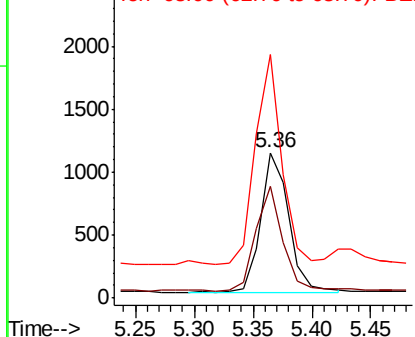
#4

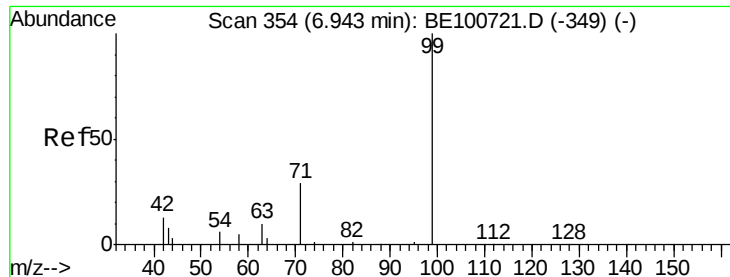
2-Fluorophenol
Concen: 0.185 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.00 min
Lab File: BE100742.D
Acq: 15 Nov 2019 18:07

Tgt Ion:112 Resp: 1817
Ion Ratio Lower Upper
112 100
64 71.7 58.3 87.5
63 143.5 115.4 173.2



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: 0.228 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.00 min

Lab File: BE100742.D

Acq: 15 Nov 2019 18:07

Instrument :

BNA_E

ClientSampleId :

EXT-034-SW091-110619-4

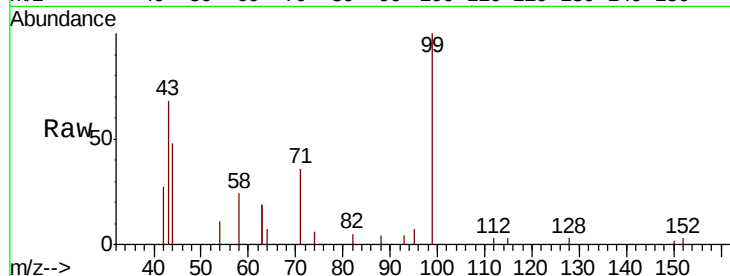
Tot Ion: 99 Resp: 3165

Ion Ratio Lower Upper

99 100

42 31.8 17.8 26.6#

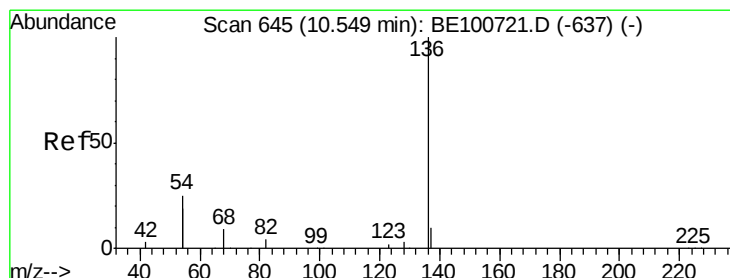
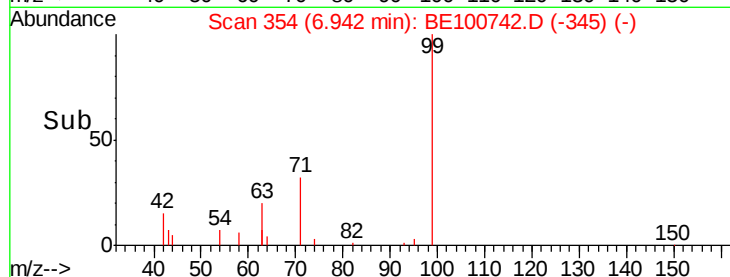
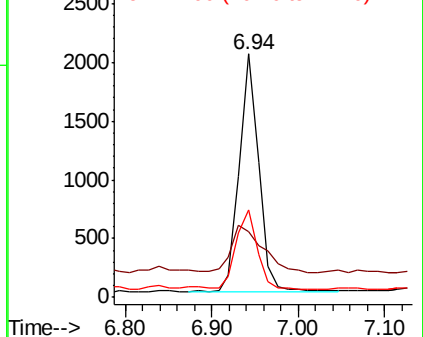
71 35.4 27.3 40.9



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: 10.55 min Scan# 645

Delta R.T. 0.00 min

Lab File: BE100742.D

Acq: 15 Nov 2019 18:07

Tgt Ion: 136 Resp: 14507

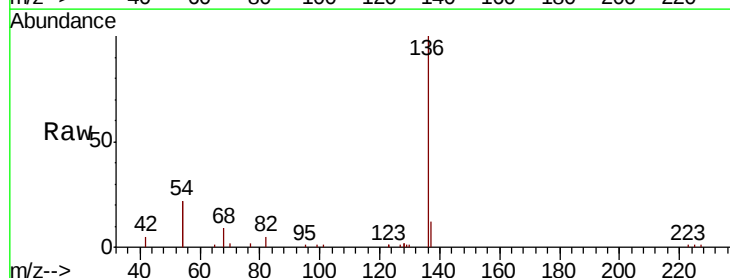
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 44.9 39.0 58.6

68 9.5 7.8 11.8

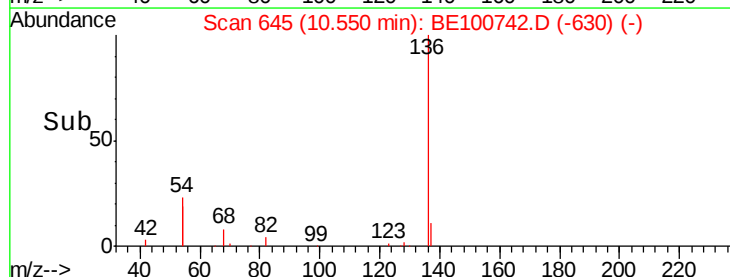
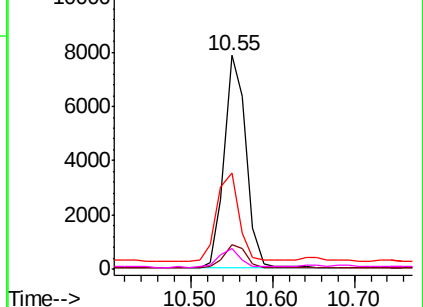


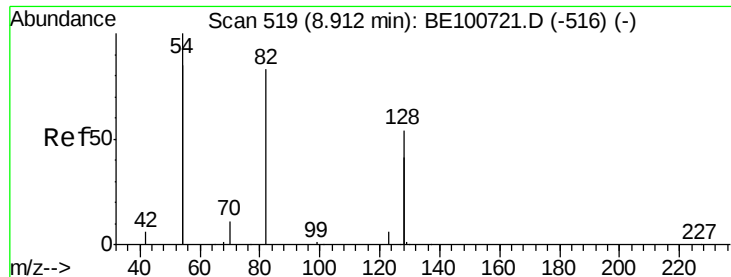
Abundance Ion 136.00 (135.70 to 136.70): BE1

Ion 137.00 (136.70 to 137.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.188 ng

RT: 8.91 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100742.D

Acq: 15 Nov 2019 18:07

Instrument :

BNA_E

ClientSampleId :

EXT-034-SW091-110619-4

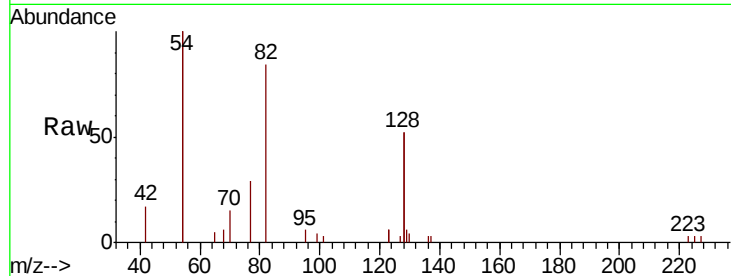
Tot Ion: 82 Resp: 2316

Ion Ratio Lower Upper

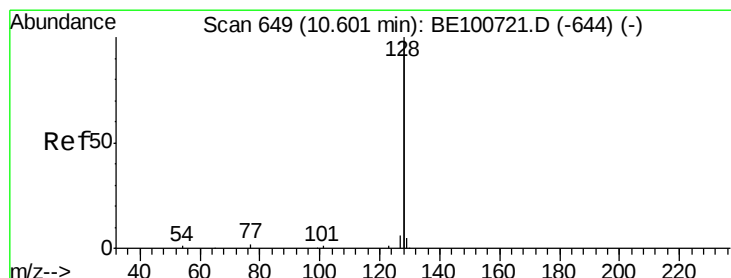
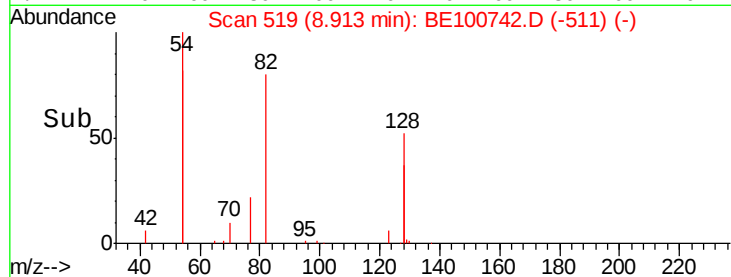
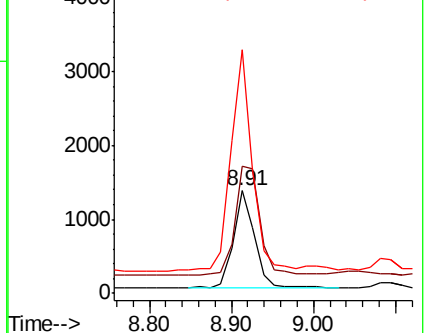
82 100

128 124.5 99.6 149.4

54 237.7 183.8 275.8



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: 0.233 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE100742.D

Acq: 15 Nov 2019 18:07

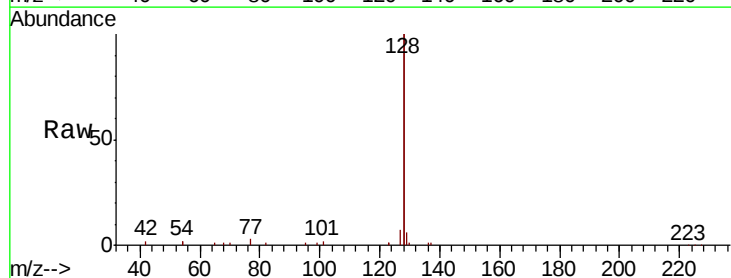
Tgt Ion: 128 Resp: 34987

Ion Ratio Lower Upper

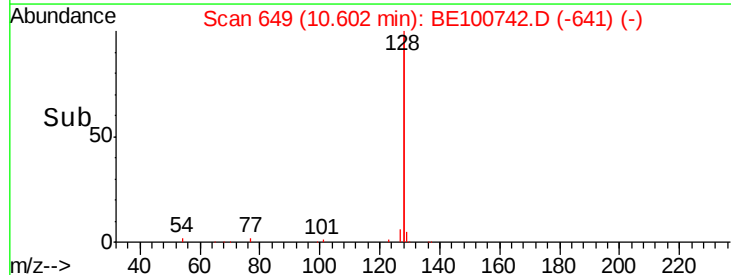
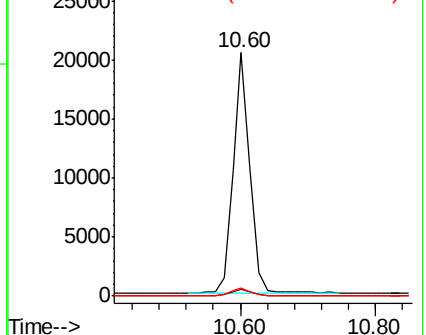
128 100

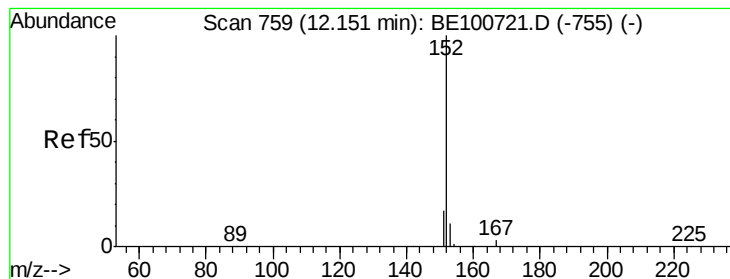
129 3.0 2.4 3.6

127 3.5 2.7 4.1



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: 0.192 ng

RT: 12.15 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE100742.D

Acq: 15 Nov 2019 18:07

Instrument :

BNA_E

ClientSampleId :

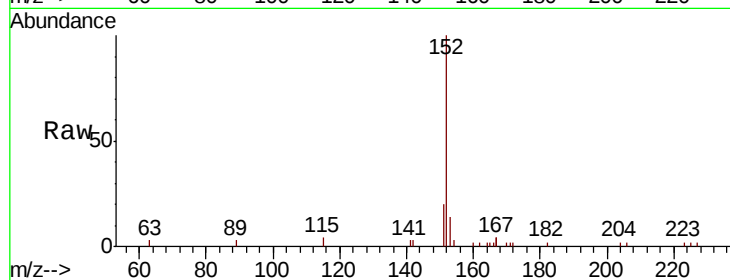
EXT-034-SW091-110619-4

Tot Ion:152 Resp: 4432

Ion Ratio Lower Upper

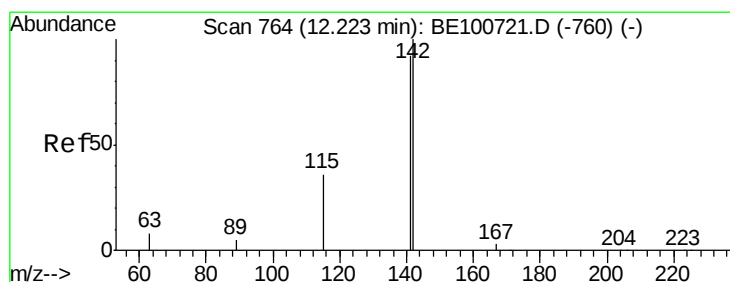
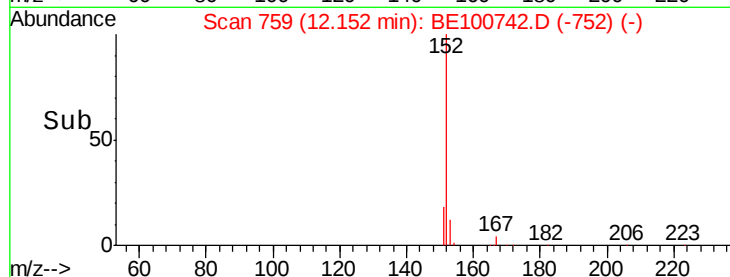
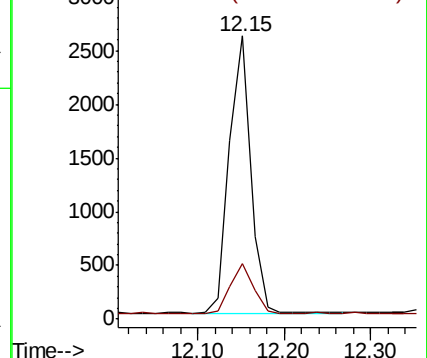
152 100

151 19.2 14.2 21.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.286 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE100742.D

Acq: 15 Nov 2019 18:07

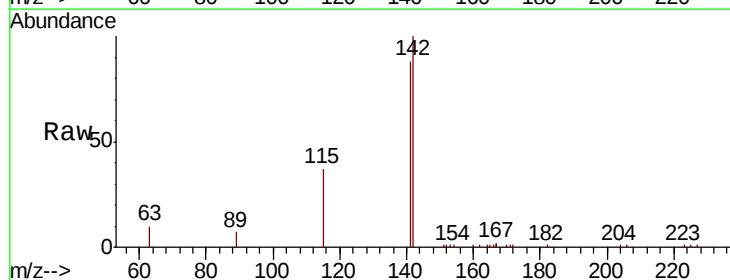
Tgt Ion:142 Resp: 7344

Ion Ratio Lower Upper

142 100

141 88.1 73.3 109.9

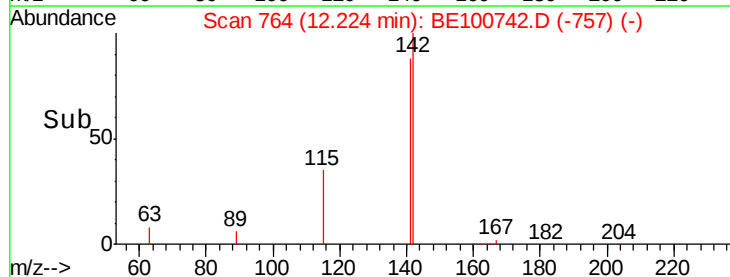
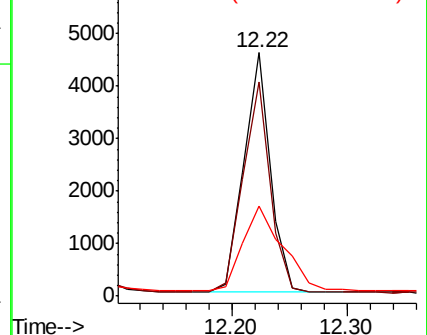
115 36.9 29.9 44.9

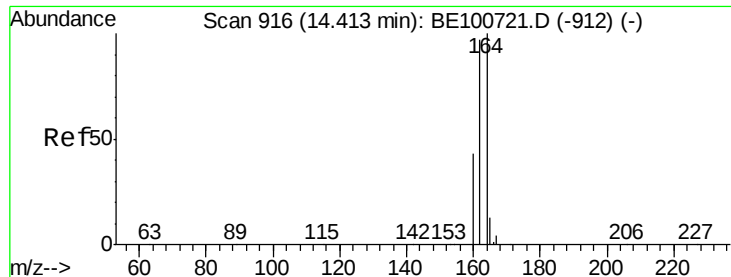


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

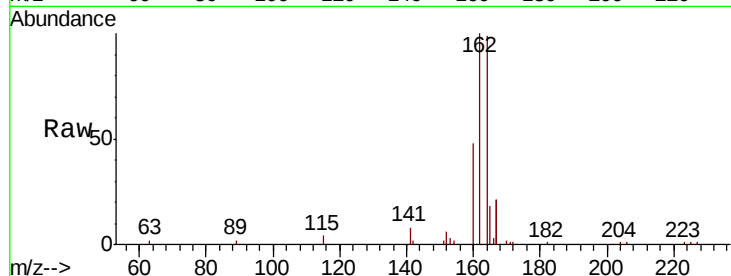




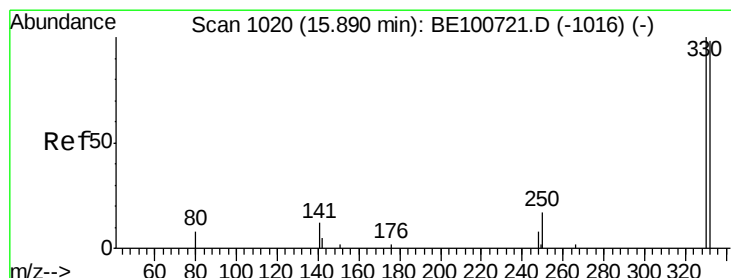
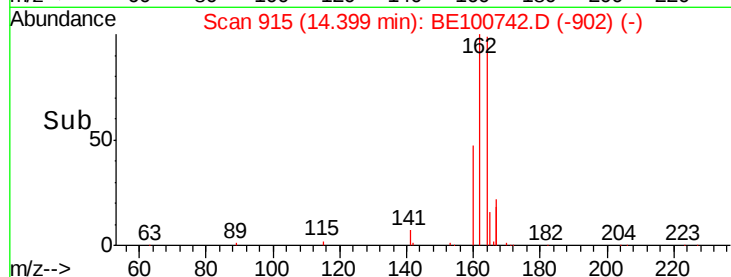
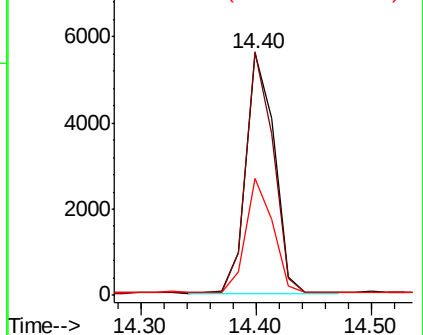
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.01 min
Lab File: BE100742.D
Acq: 15 Nov 2019 18:07

Instrument :
BNA_E
ClientSampleId :
EXT-034-SW091-110619-4

Tot Ion:164 Resp: 9504
Ion Ratio Lower Upper
164 100
162 100.7 77.8 116.8
160 48.1 35.3 52.9

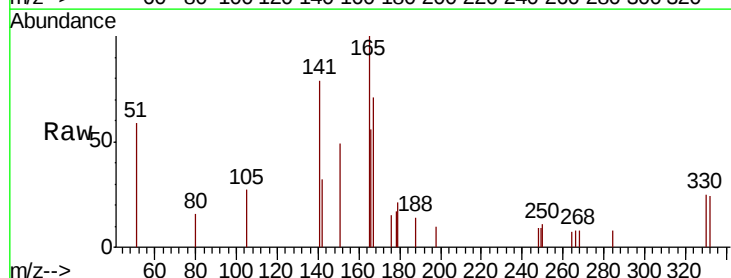


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

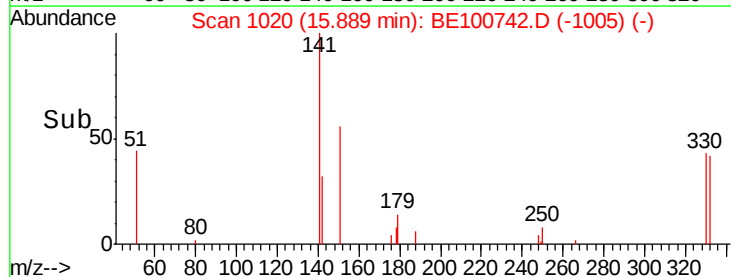
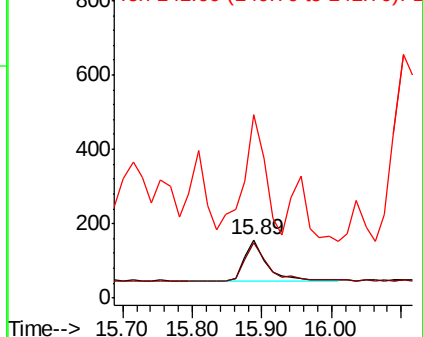


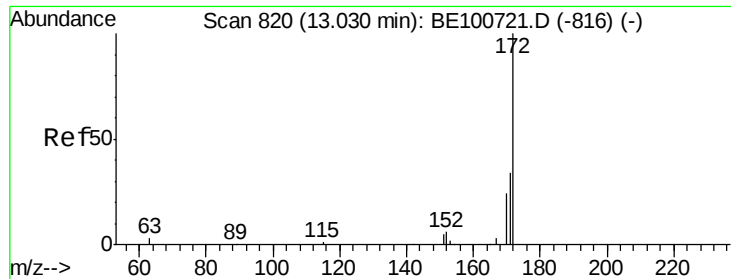
#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 15.89 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE100742.D
Acq: 15 Nov 2019 18:07

Tgt Ion:330 Resp: 259
Ion Ratio Lower Upper
330 100
332 96.5 85.0 127.6
141 271.0 28.2 42.2#



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

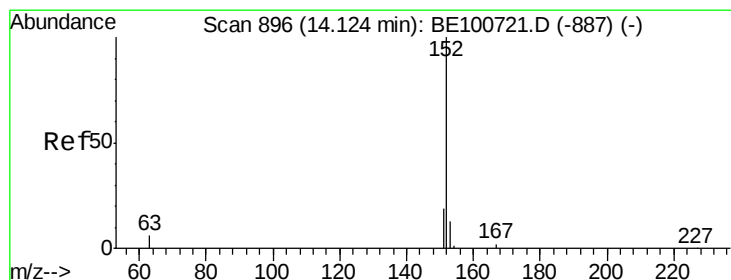
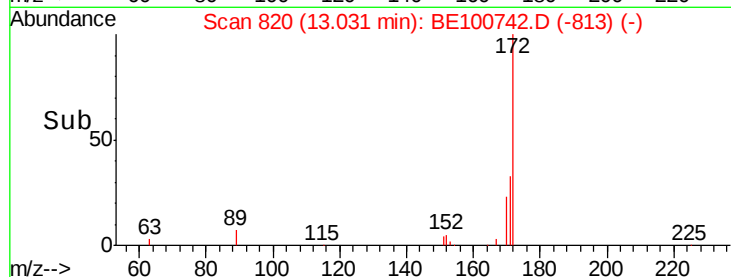
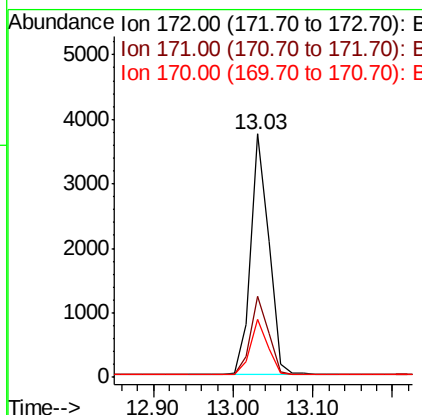
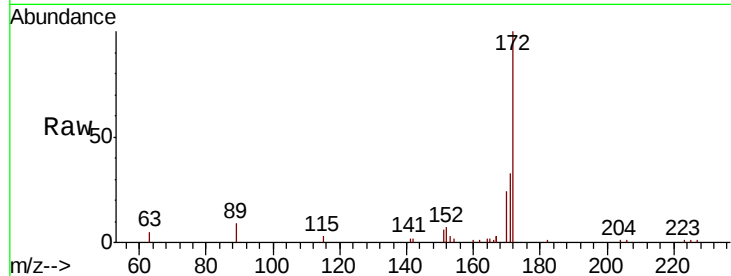




#15
2-Fluorobiphenyl
Concen: 0.168 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100742.D
Acq: 15 Nov 2019 18:07

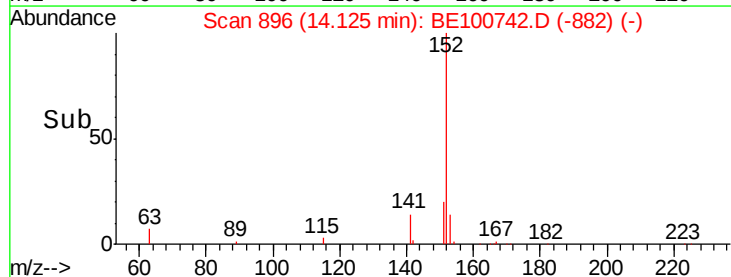
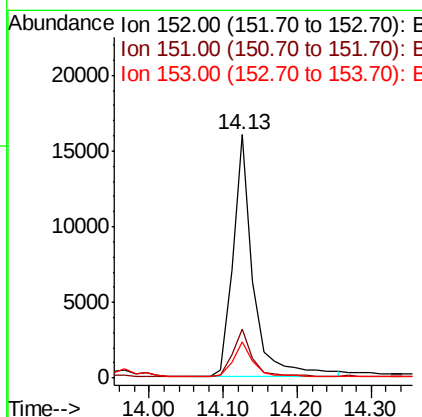
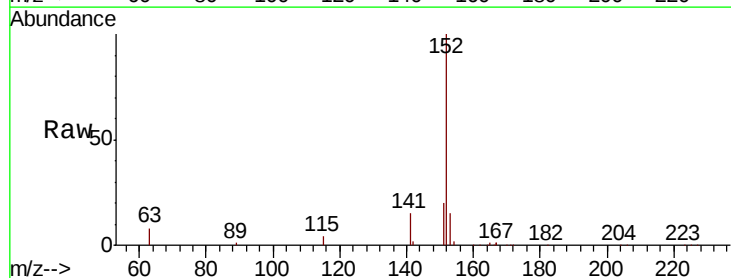
Instrument :
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EXT-034-SW091-110619-4

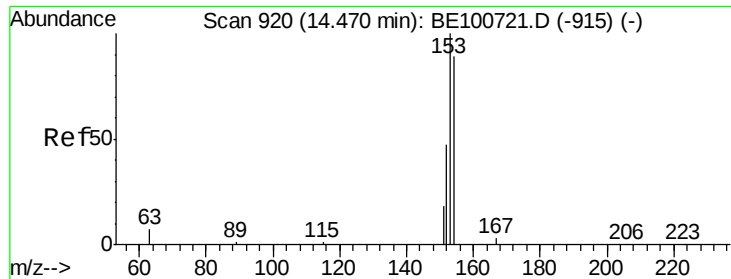
Tot Ion:172 Resp: 5839
Ion Ratio Lower Upper
172 100
171 33.4 28.1 42.1
170 23.6 19.8 29.6



#16
Acenaphthylene
Concen: 0.788 ng
RT: 14.13 min Scan# 896
Delta R.T. 0.00 min
Lab File: BE100742.D
Acq: 15 Nov 2019 18:07

Tgt Ion:152 Resp: 30296
Ion Ratio Lower Upper
152 100
151 19.9 14.9 22.3
153 14.6 10.7 16.1

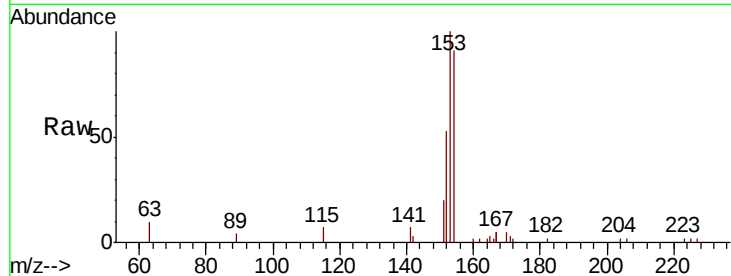




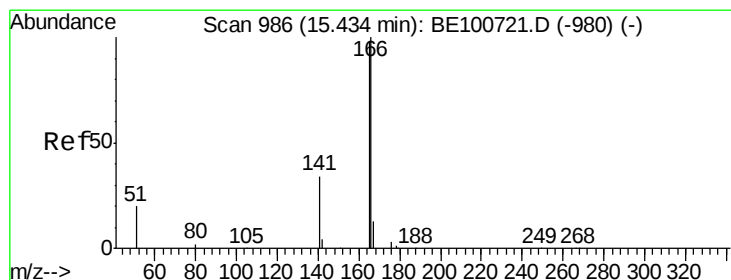
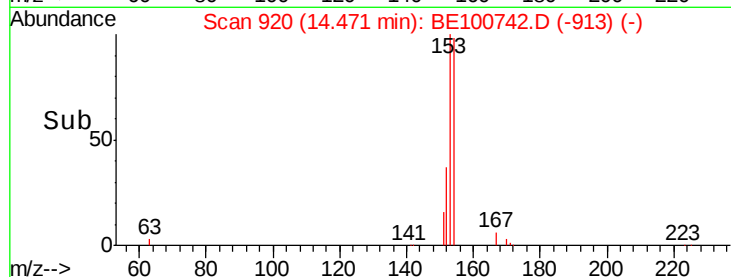
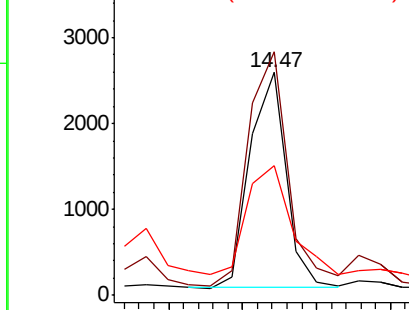
#17
Acenaphthene
Concen: 0.167 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100742.D
Acq: 15 Nov 2019 18:07

Instrument :
BNA_E
ClientSampleId :
EXT-034-SW091-110619-4

Tot Ion:154 Resp: 4206
Ion Ratio Lower Upper
154 100
153 121.9 91.9 137.9
152 63.0 44.8 67.2

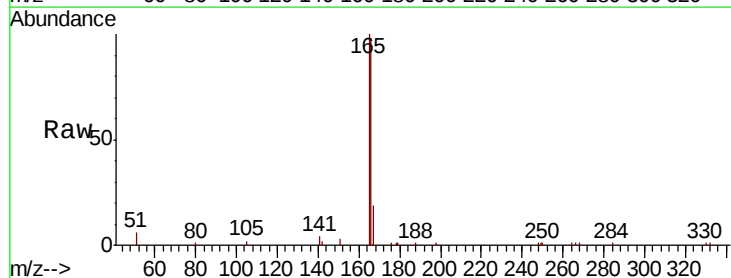


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

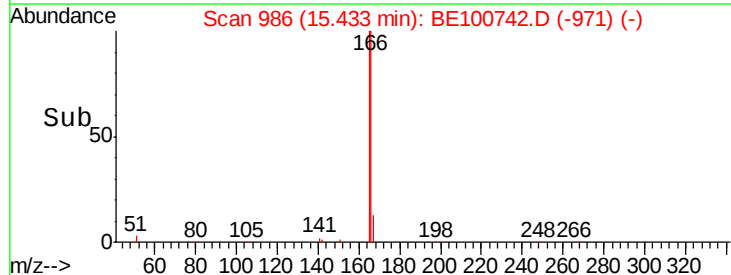
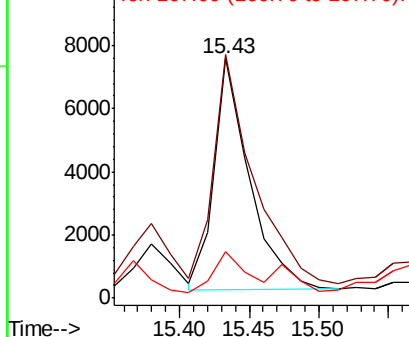


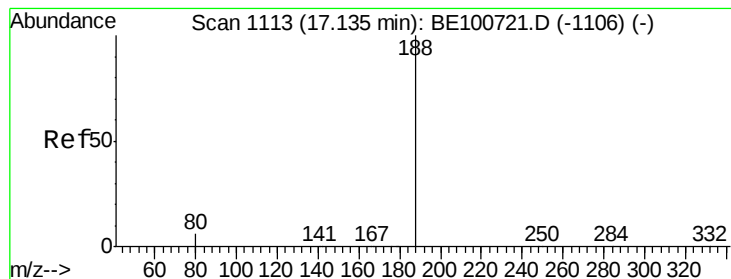
#18
Fluorene
Concen: 0.373 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100742.D
Acq: 15 Nov 2019 18:07

Tgt Ion:166 Resp: 12892
Ion Ratio Lower Upper
166 100
165 112.2 78.2 117.4
167 16.5 10.6 16.0#



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: 17.13 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE100742.D

Acq: 15 Nov 2019 18:07

Instrument :

BNA_E

ClientSampleId :

EXT-034-SW091-110619-4

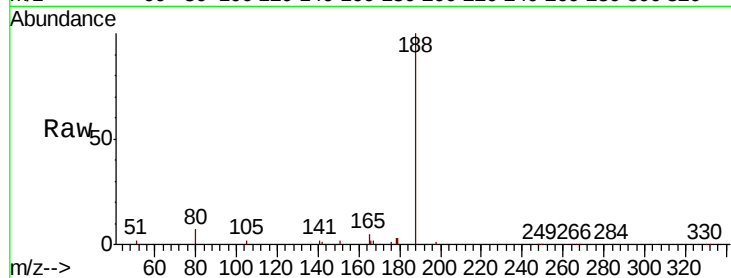
Tot Ion:188 Resp: 21287

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

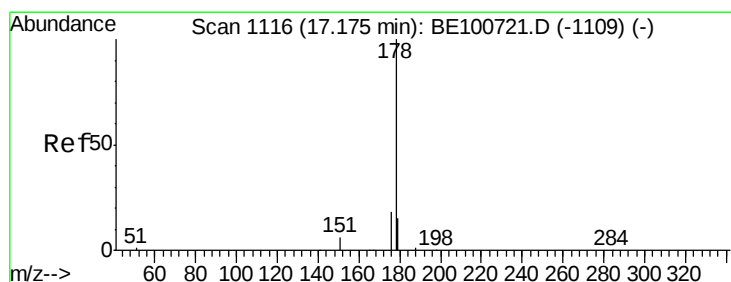
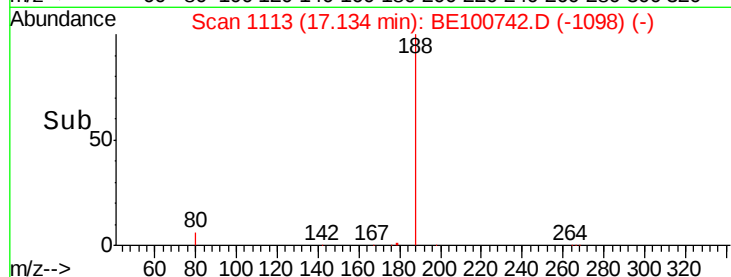
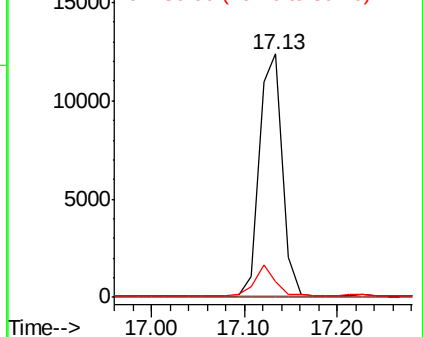
80 6.5 5.4 8.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#23

Phenanthrene

Concen: 6.020 ng

RT: 17.17 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE100742.D

Acq: 15 Nov 2019 18:07

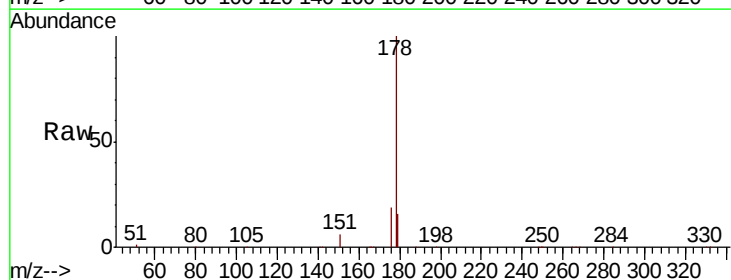
Tgt Ion:178 Resp: 349367

Ion Ratio Lower Upper

178 100

176 19.4 15.0 22.4

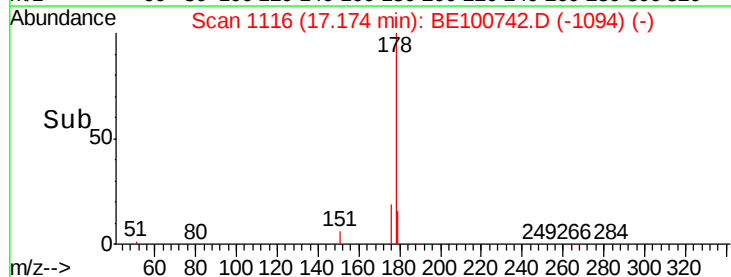
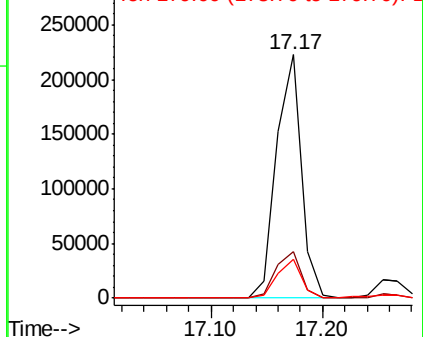
179 15.7 12.6 18.8

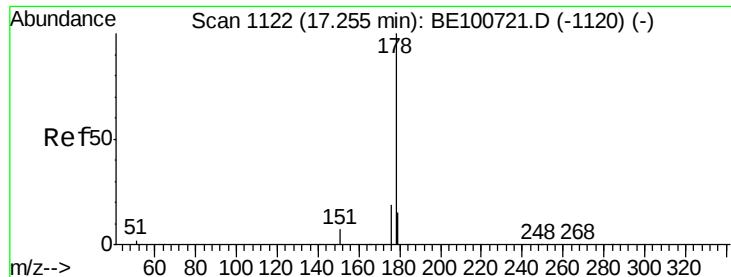


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.590 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100742.D

Acq: 15 Nov 2019 18:07

Instrument :

BNA_E

ClientSampleId :

EXT-034-SW091-110619-4

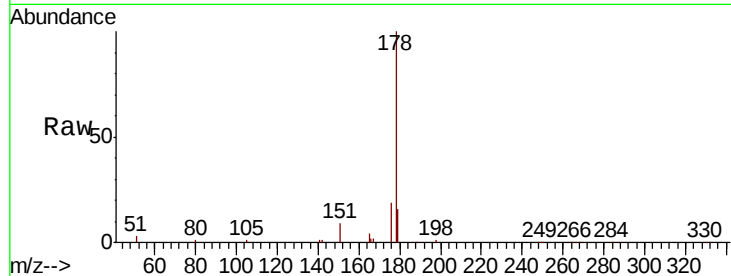
Tot Ion:178 Resp: 30570

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

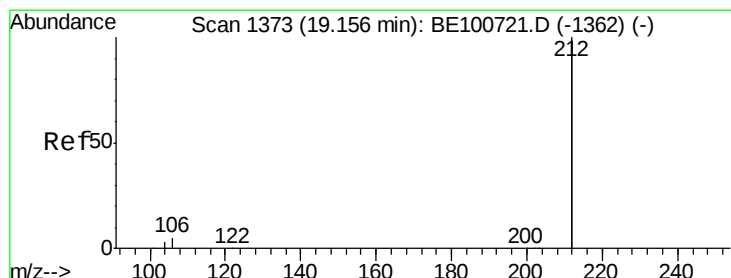
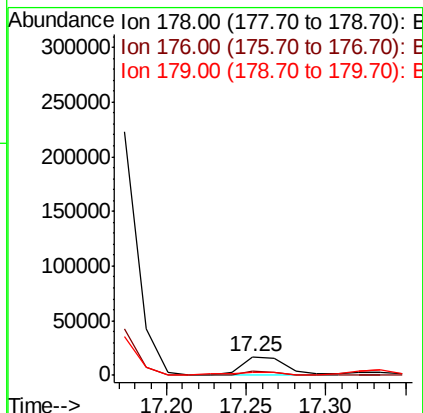
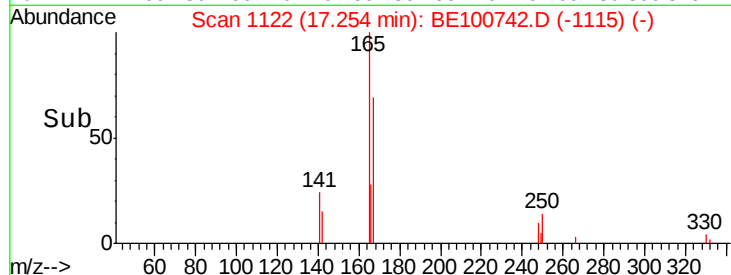
179 14.3 12.6 18.8



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: 0.168 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE100742.D

Acq: 15 Nov 2019 18:07

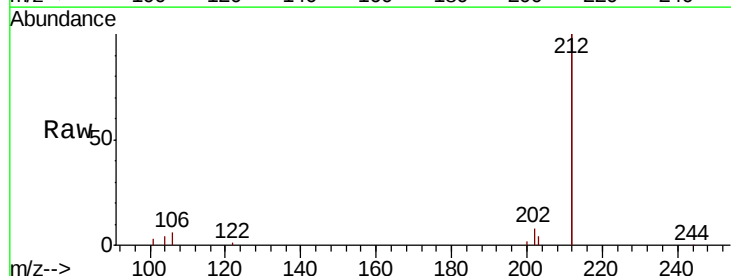
Tgt Ion:212 Resp: 47167

Ion Ratio Lower Upper

212 100

106 2.5 2.2 3.4

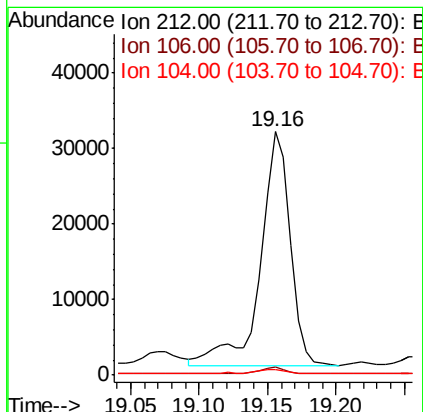
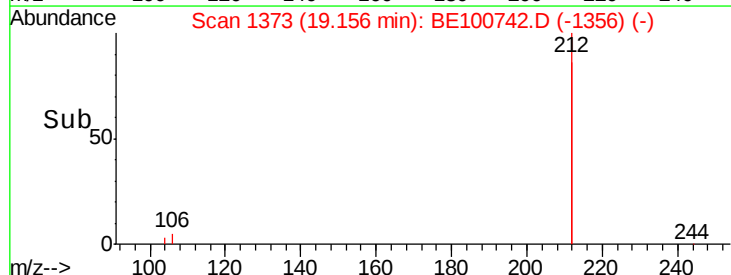
104 1.5 1.2 1.8

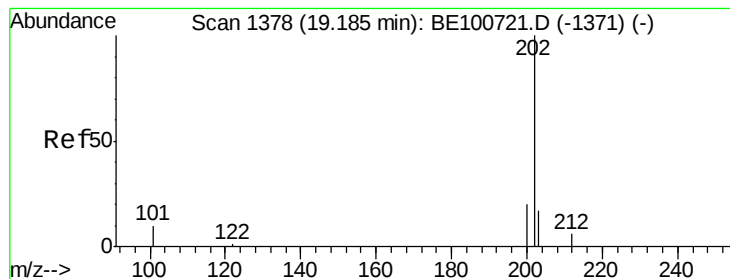


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 6.282 ng

RT: 19.18 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BE100742.D

Acq: 15 Nov 2019 18:07

Instrument :

BNA_E

ClientSampleId :

EXT-034-SW091-110619-4

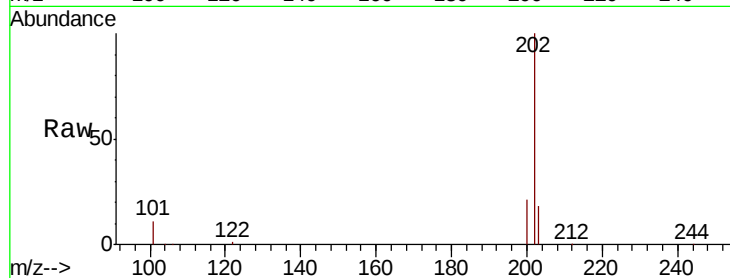
Tot Ion:202 Resp: 486761

Ion Ratio Lower Upper

202 100

101 10.5 8.6 12.8

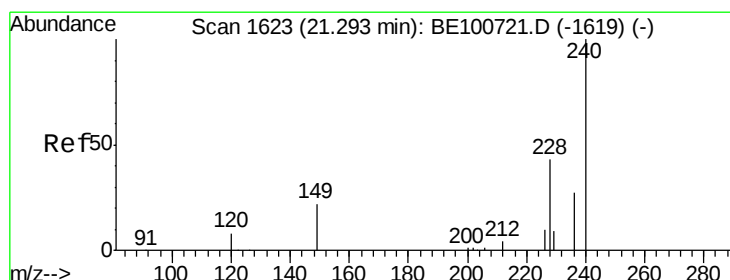
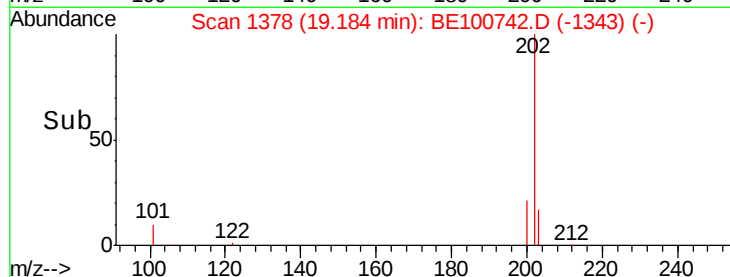
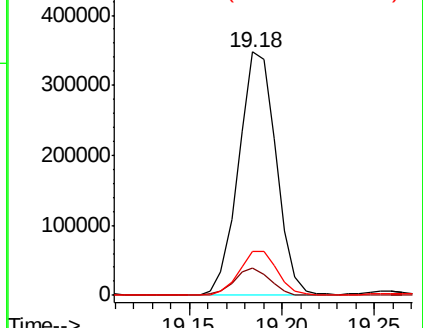
203 18.1 13.6 20.4



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: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100742.D

Acq: 15 Nov 2019 18:07

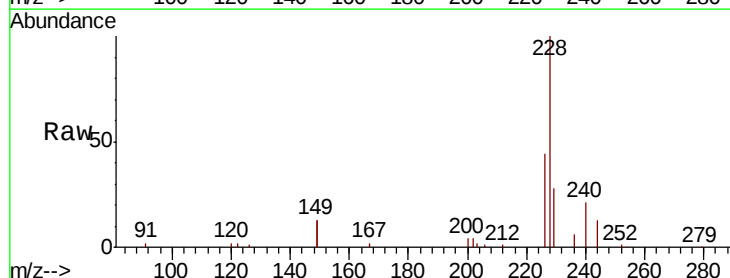
Tgt Ion:240 Resp: 22897

Ion Ratio Lower Upper

240 100

120 11.4 7.4 11.0#

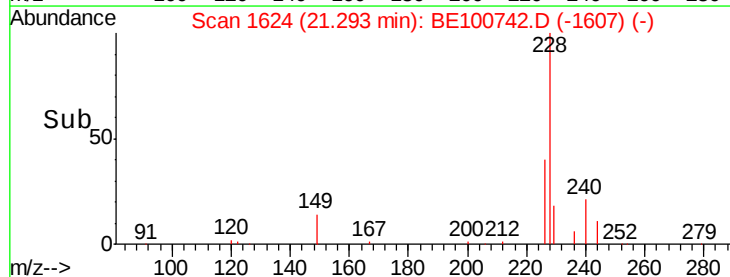
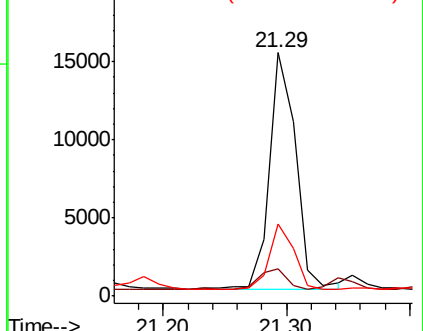
236 29.6 21.8 32.6

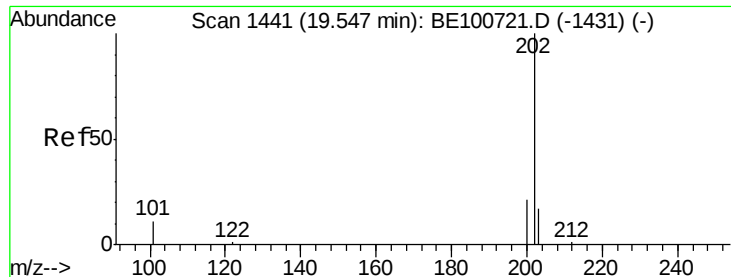


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

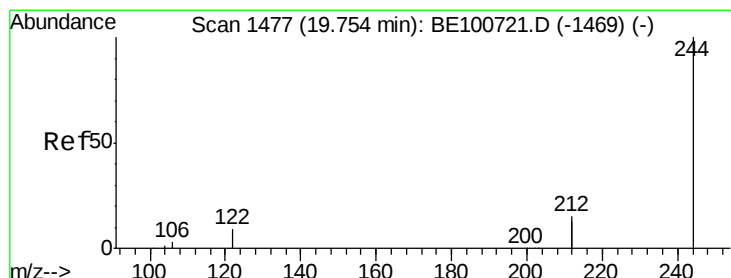
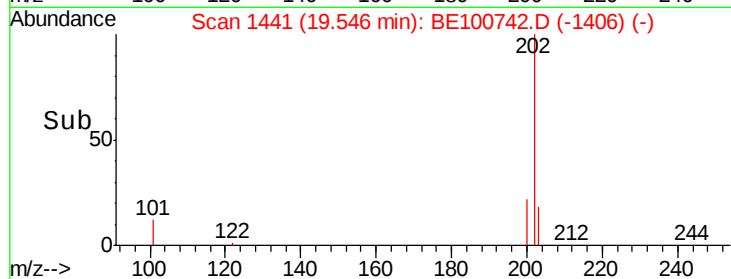
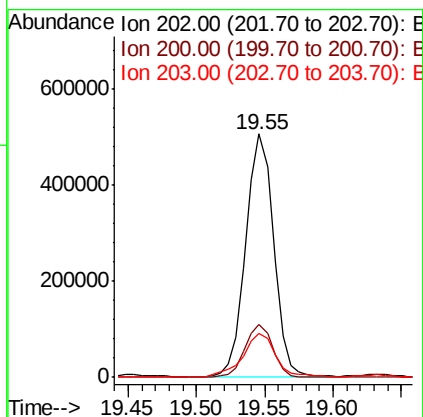
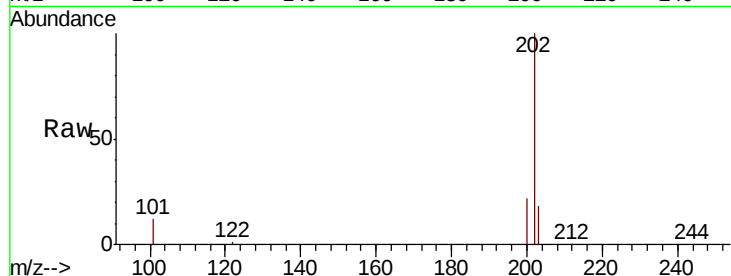




#28
Pvrene
Concen: 11.184 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BE100742.D
Acq: 15 Nov 2019 18:07

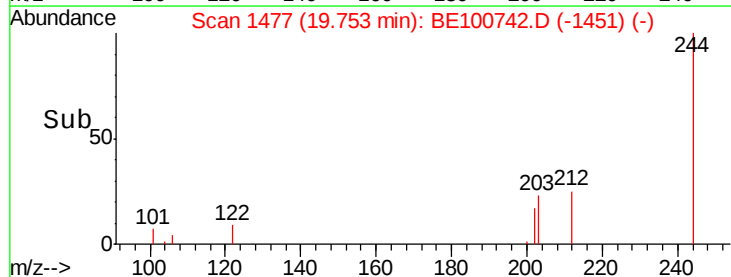
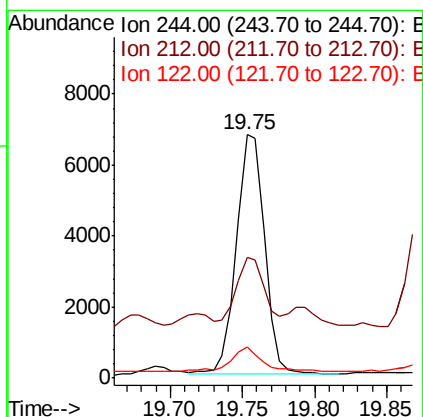
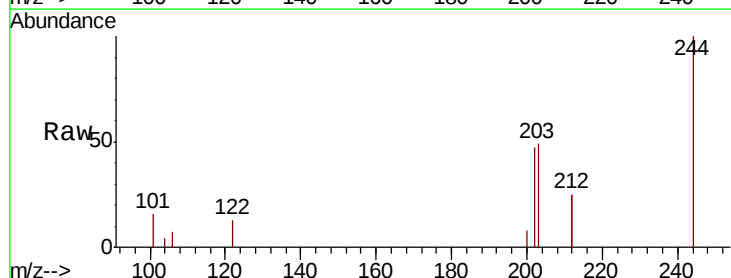
Instrument :
BNA_E
ClientSampleId :
EXT-034-SW091-110619-4

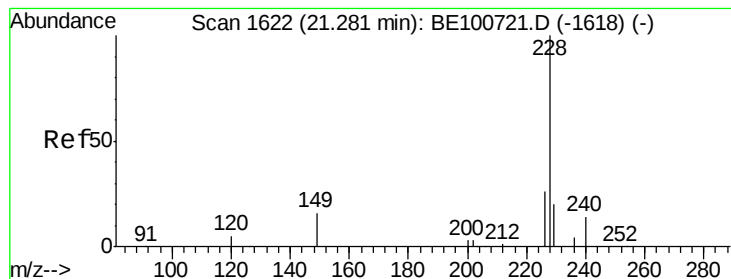
Tot Ion:202 Resp: 711863
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 20.7 14.0 21.0



#29
Terphenyl-d14
Concen: 0.168 ng
RT: 19.75 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BE100742.D
Acq: 15 Nov 2019 18:07

Tgt Ion:244 Resp: 9172
Ion Ratio Lower Upper
244 100
212 49.7 24.3 36.5#
122 12.6 7.6 11.4#





#30

Benzo(a)anthracene

Concen: 4.378 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100742.D

Acq: 15 Nov 2019 18:07

Instrument :

BNA_E

ClientSampleId :

EXT-034-SW091-110619-4

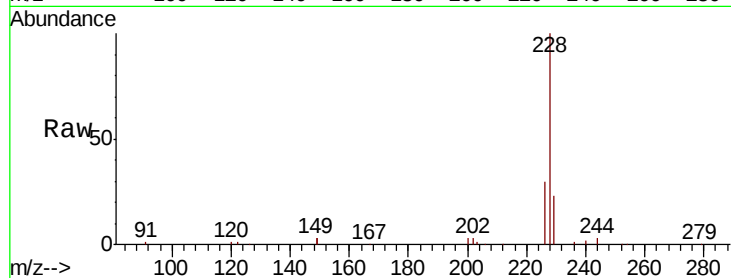
Tot Ion:228 Resp: 321703

Ion Ratio Lower Upper

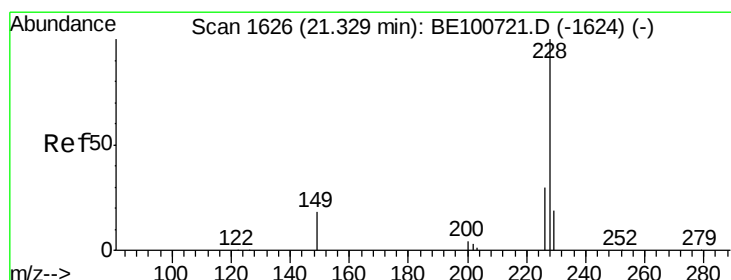
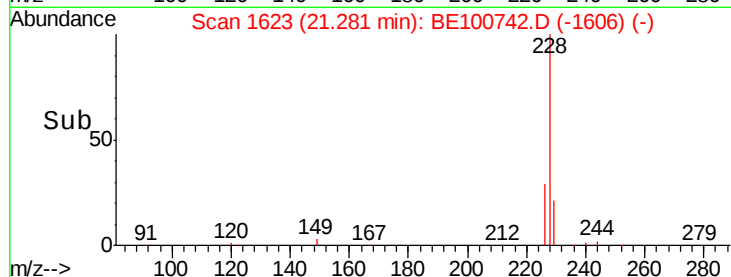
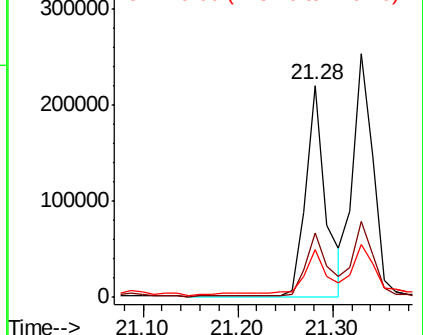
228 100

226 30.3 21.1 31.7

229 22.7 15.9 23.9



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: 4.855 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100742.D

Acq: 15 Nov 2019 18:07

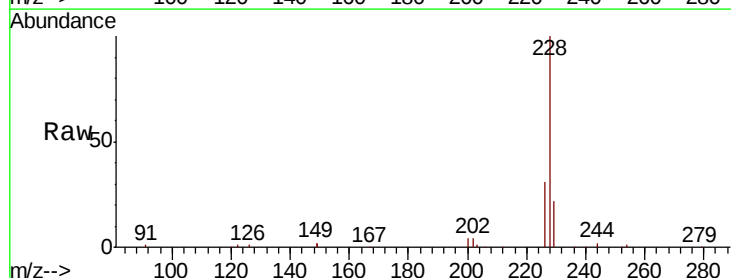
Tgt Ion:228 Resp: 362134

Ion Ratio Lower Upper

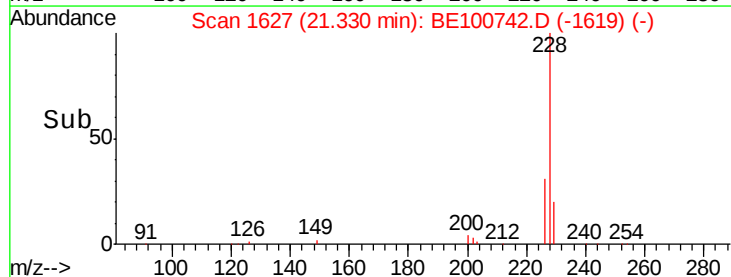
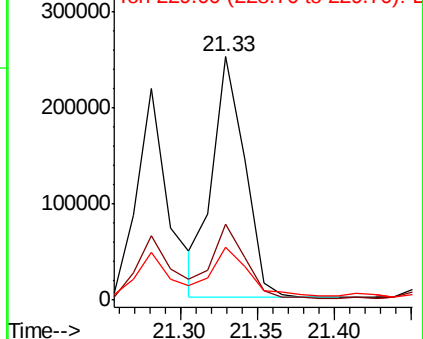
228 100

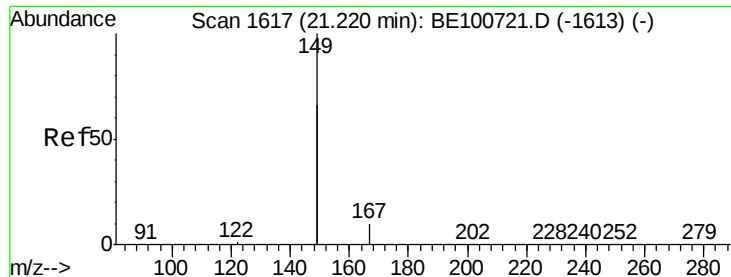
226 31.1 24.5 36.7

229 21.5 15.5 23.3



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: 0.187 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100742.D

Acq: 15 Nov 2019 18:07

Instrument :

BNA_E

ClientSampleId :

EXT-034-SW091-110619-4

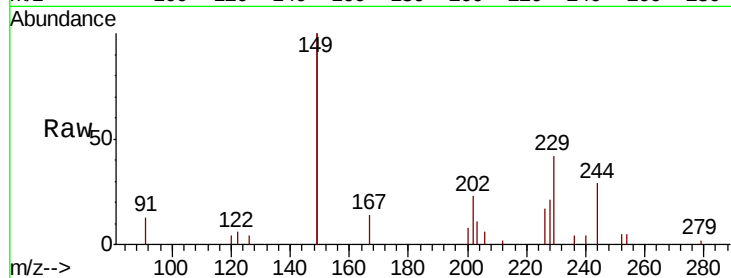
Tot Ion:149 Resp: 24419

Ion Ratio Lower Upper

149 100

167 7.5 5.2 7.8

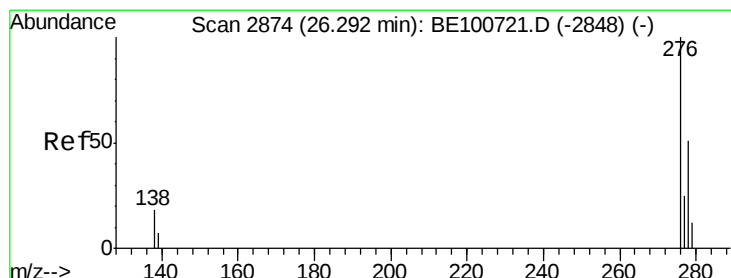
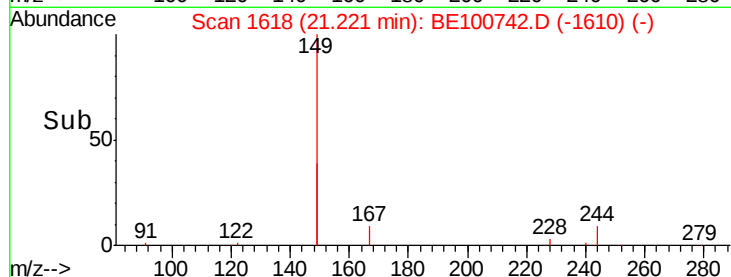
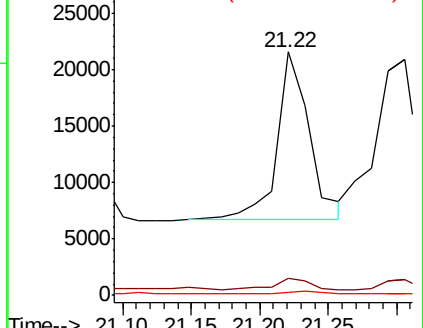
279 1.0 0.9 1.3



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: 1.889 ng

RT: 26.29 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BE100742.D

Acq: 15 Nov 2019 18:07

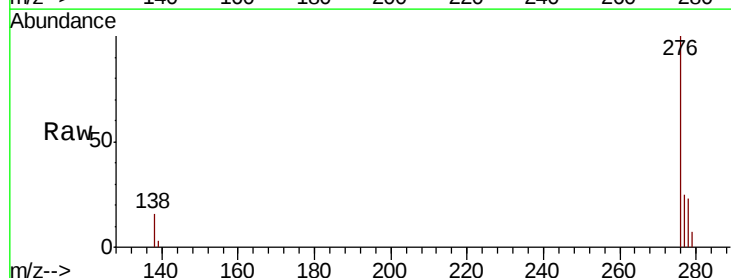
Tgt Ion:276 Resp: 165135

Ion Ratio Lower Upper

276 100

138 16.0 14.8 22.2

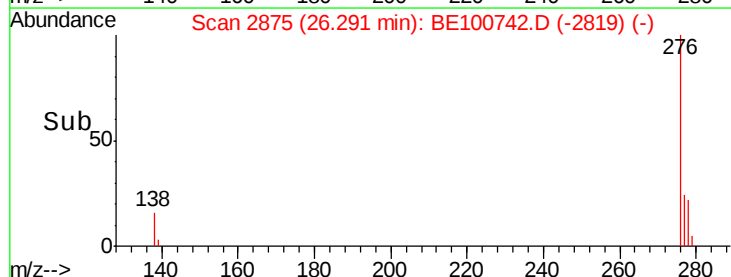
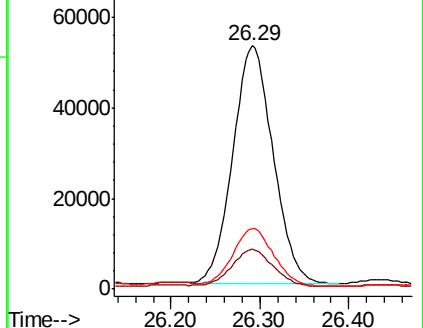
277 25.0 19.6 29.4

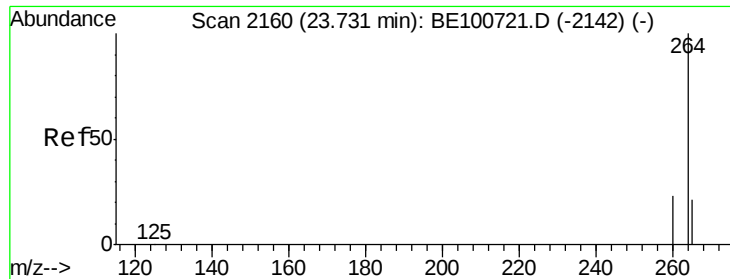


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

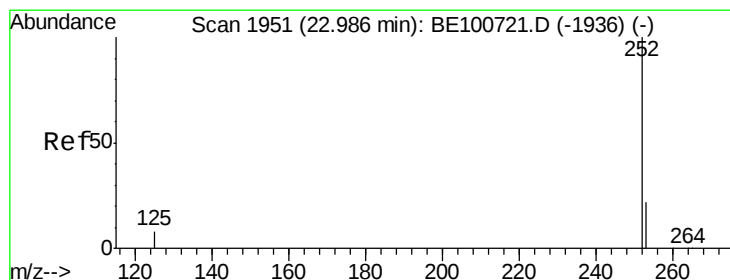
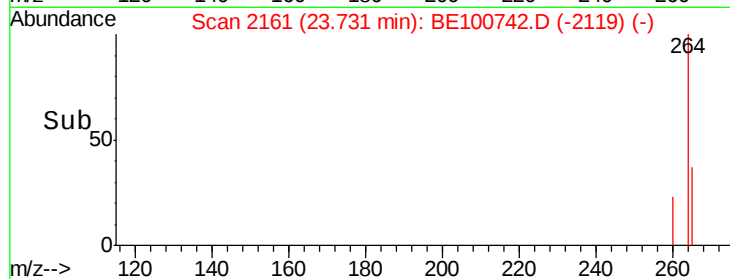
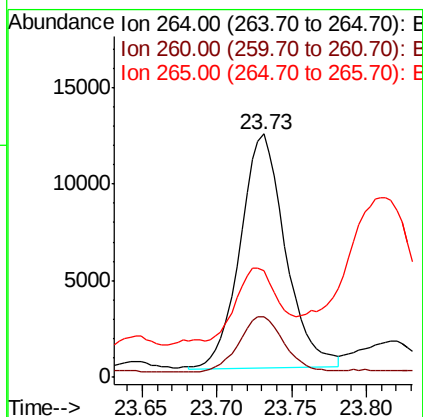
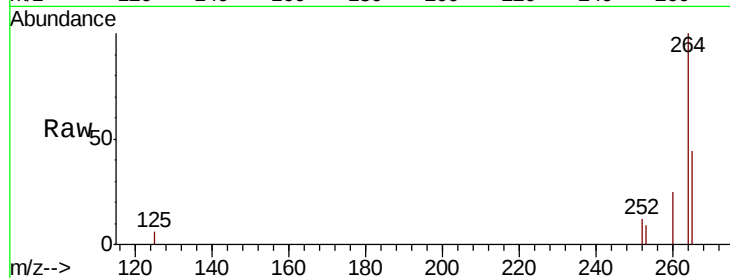




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BE100742.D
Acq: 15 Nov 2019 18:07

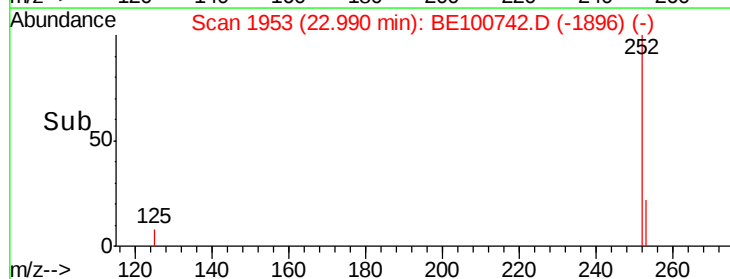
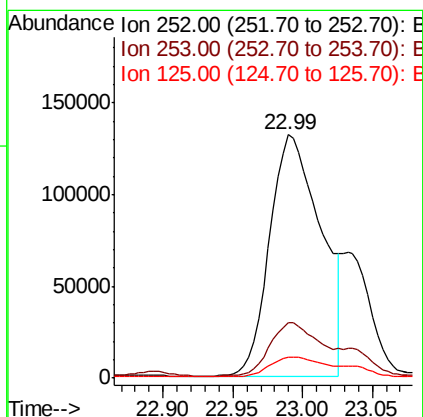
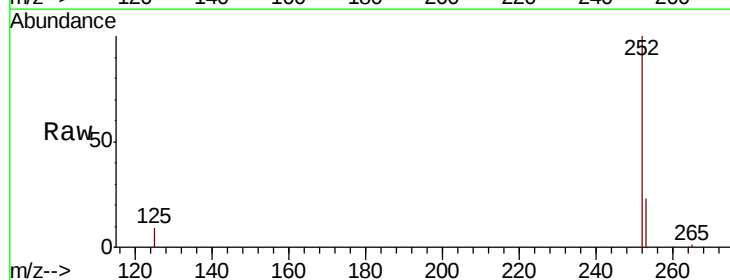
Instrument :
BNA_E
ClientSampleId :
EXT-034-SW091-110619-4

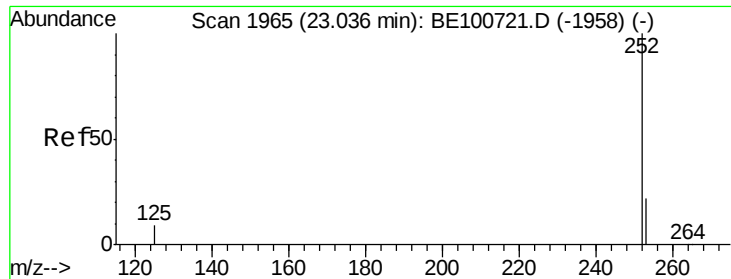
Tot Ion:264 Resp: 25458
Ion Ratio Lower Upper
264 100
260 25.1 19.1 28.7
265 43.9 19.7 29.5#



#35
Benzo(b)fluoranthene
Concen: 4.523 ng
RT: 22.99 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BE100742.D
Acq: 15 Nov 2019 18:07

Tgt Ion:252 Resp: 336053
Ion Ratio Lower Upper
252 100
253 22.5 18.7 28.1
125 8.6 7.0 10.4

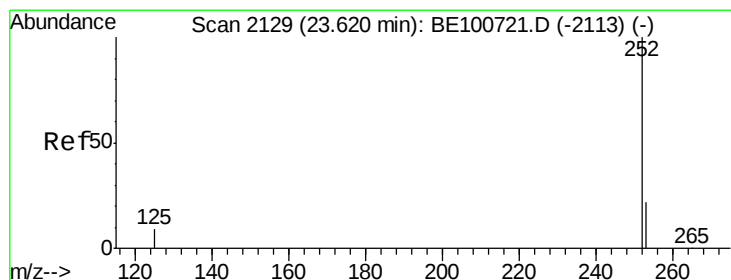
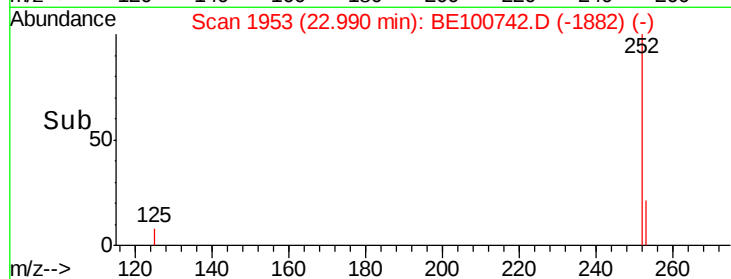
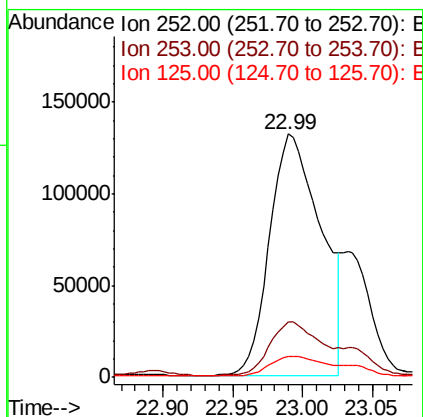
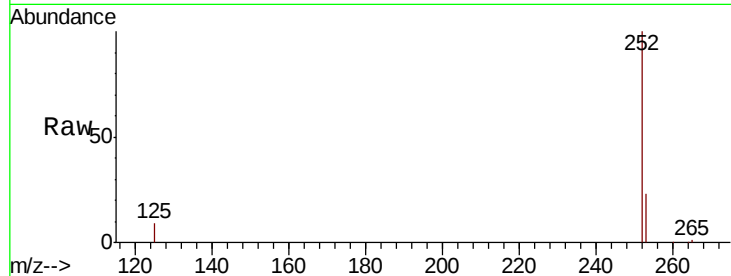




#36
Benzo(k)fluoranthene
Concen: 4.317 ng
RT: 22.99 min Scan# 1953
Delta R.T. -0.05 min
Lab File: BE100742.D
Acq: 15 Nov 2019 18:07

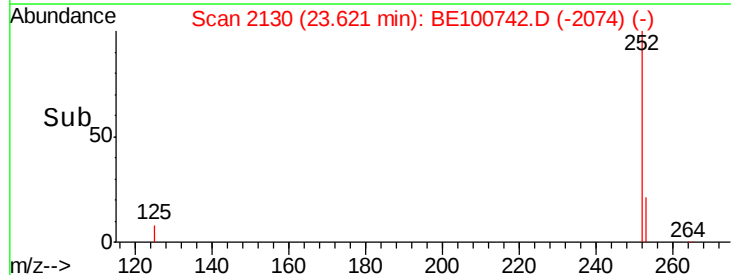
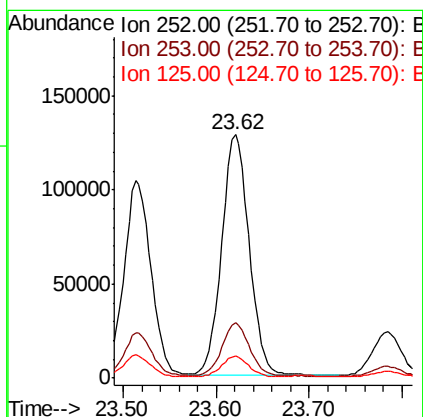
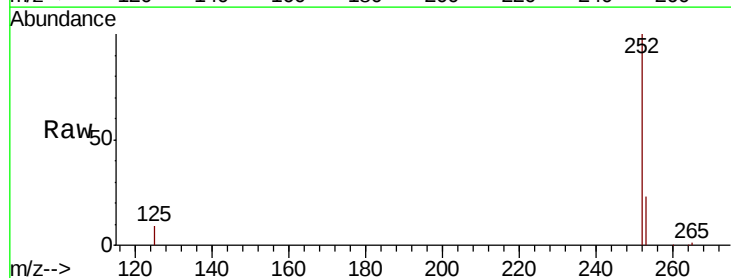
Instrument :
BNA_E
ClientSampleId :
EXT-034-SW091-110619-4

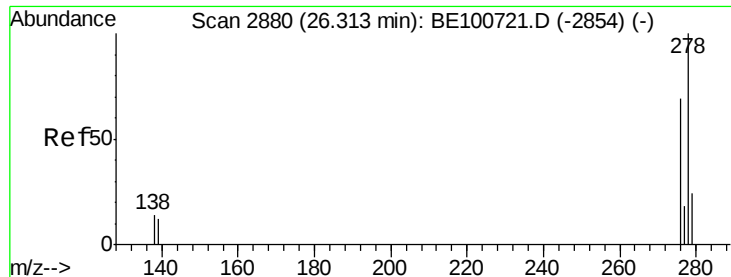
Tot Ion:252 Resp: 336053
Ion Ratio Lower Upper
252 100
253 22.5 18.6 27.8
125 8.6 7.6 11.4



#37
Benzo(a)pyrene
Concen: 3.803 ng
RT: 23.62 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BE100742.D
Acq: 15 Nov 2019 18:07

Tgt Ion:252 Resp: 263282
Ion Ratio Lower Upper
252 100
253 22.9 18.6 28.0
125 8.9 7.9 11.9





#38

Dibenzo(a,h)anthracene

Concen: 0.681 ng

RT: 26.30 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BE100742.D

Acq: 15 Nov 2019 18:07

Instrument :

BNA_E

ClientSampleId :

EXT-034-SW091-110619-4

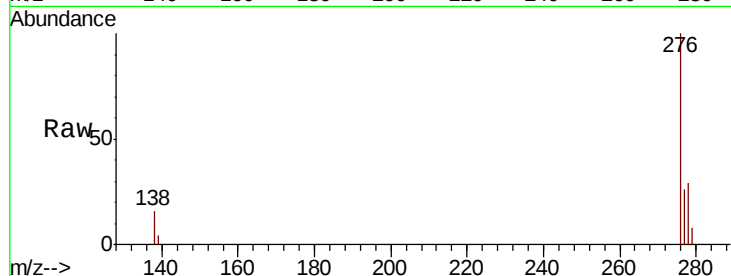
Tot Ion:278 Resp: 49131

Ion Ratio Lower Upper

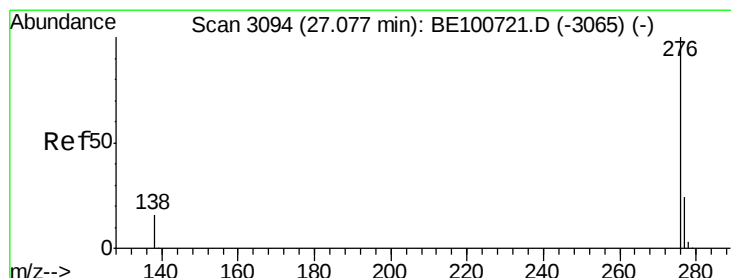
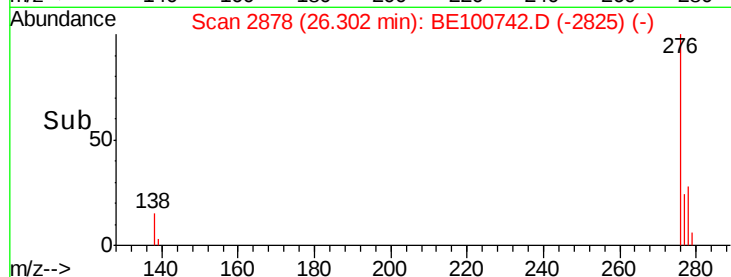
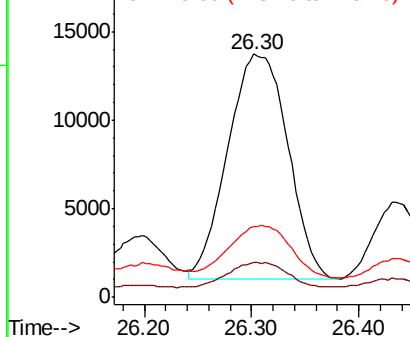
278 100

139 14.4 10.3 15.5

279 29.0 20.6 31.0



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: 2.720 ng

RT: 27.08 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BE100742.D

Acq: 15 Nov 2019 18:07

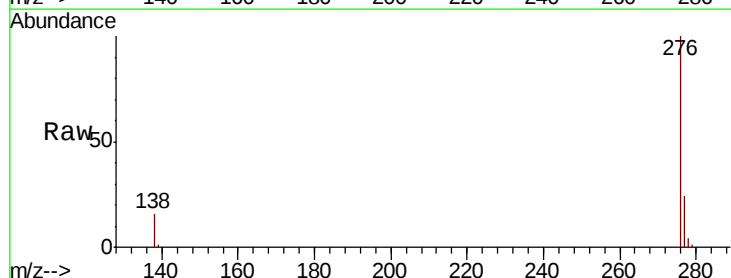
Tgt Ion:276 Resp: 192579

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.6

138 16.3 13.6 20.4



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

