

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111519\
 Data File : BE100744.D
 Acq On : 15 Nov 2019 19:21
 Operator : JU
 Sample : K5728-08 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-034-SW092-110619-4

Quant Time: Nov 15 22:33:41 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	3402	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	14926	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	9660	0.40	ng	-0.01
19) Phenanthrene-d10	17.12	188	21649	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	22612	0.40	ng	0.00
34) Perylene-d12	23.73	264	24790	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	587	0.06	ng	0.00
5) Phenol-d6	6.94	99	929	0.07	ng	0.00
8) Nitrobenzene-d5	8.91	82	638	0.05	ng	0.00
11) 2-Methylnaphthalene-d10	12.15	152	1222	0.05	ng	0.00
14) 2,4,6-Tribromophenol	15.89	330	77	0.13	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	1621	0.05	ng	0.00
25) Fluoranthene-d10	19.15	212	11857	0.04	ng	0.00
29) Terphenyl-d14	19.75	244	2610	0.05	ng	0.00

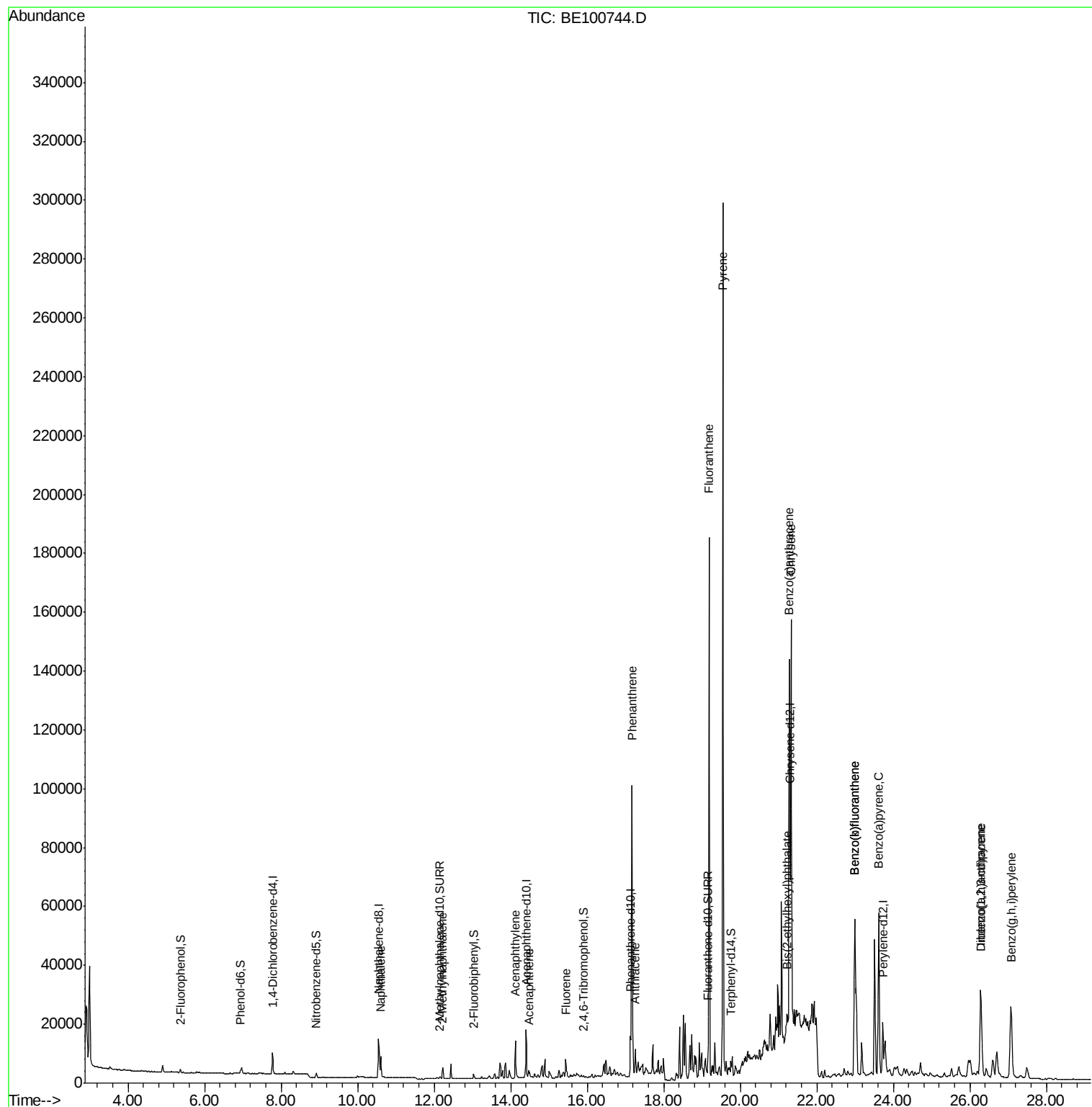
Target Compounds				Qvalue		
9) Naphthalene	10.60	128	10972	0.071	ng	# 98
12) 2-Methylnaphthalene	12.22	142	2566	0.097	ng	97
16) Acenaphthylene	14.13	152	14436	0.370	ng	97
17) Acenaphthene	14.47	154	1488	0.058	ng	92
18) Fluorene	15.43	166	5037	0.144	ng	# 81
23) Phenanthrene	17.18	178	121931	2.066	ng	99
24) Anthracene	17.26	178	10464	0.199	ng	98
26) Fluoranthene	19.18	202	166225	2.109	ng	98
28) Pyrene	19.55	202	256486	4.080	ng	97
30) Benzo(a)anthracene	21.28	228	114163	1.573	ng	91
31) Chrysene	21.33	228	124408	1.689	ng	97
32) Bis(2-ethylhexyl)phthalate	21.22	149	12670	0.098	ng	99
33) Indeno(1,2,3-cd)pyrene	26.28	276	54051	0.626	ng	97
35) Benzo(b)fluoranthene	22.99	252	106609	1.474	ng	100
36) Benzo(k)fluoranthene	22.99	252	106609	1.407	ng	99
37) Benzo(a)pyrene	23.62	252	86280	1.280	ng	99
38) Dibenzo(a,h)anthracene	26.30	278	15989	0.227	ng	# 88
39) Benzo(a,h,i)perylene	27.08	276	63065	0.915	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111519\
Data File : BE100744.D
Acq On : 15 Nov 2019 19:21
Operator : JU
Sample : K5728-08 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-034-SW092-110619-4

Quant Time: Nov 15 22:33:41 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



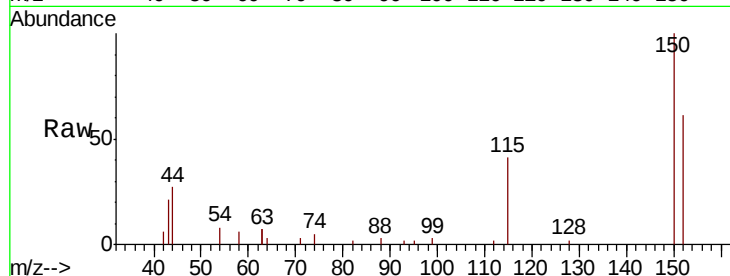


#1

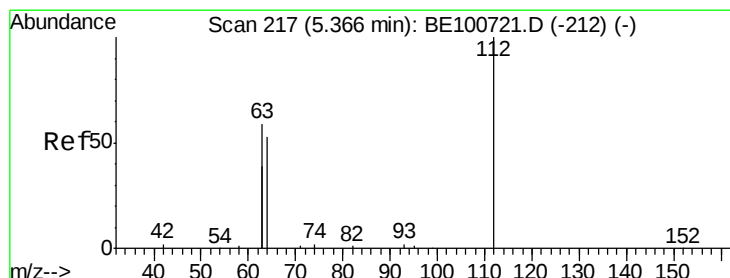
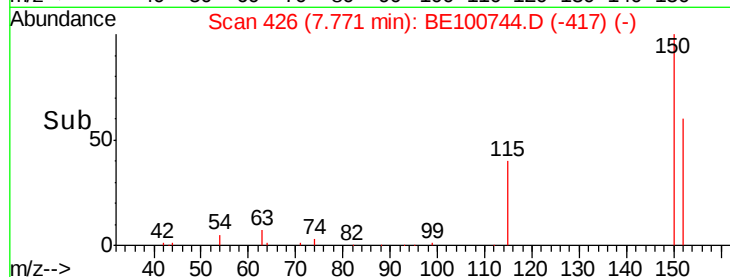
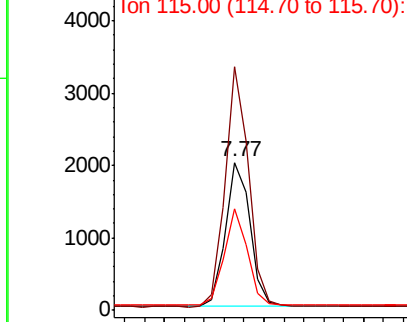
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100744.D
Acq: 15 Nov 2019 19:21

Instrument :
BNA_E
ClientSampleId :
EXT-034-SW092-110619-4

Tot Ion:152 Resp: 3402
Ion Ratio Lower Upper
152 100
150 164.6 123.4 185.0
115 68.3 52.1 78.1



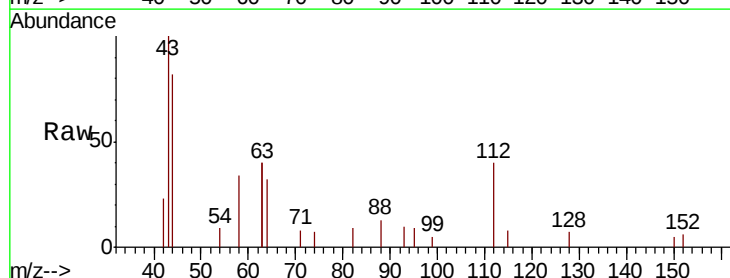
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



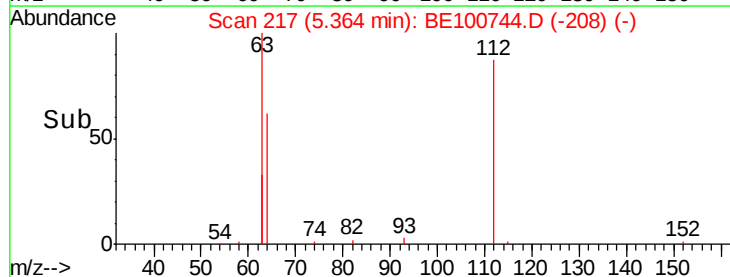
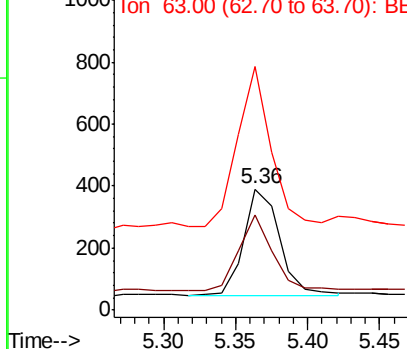
#4

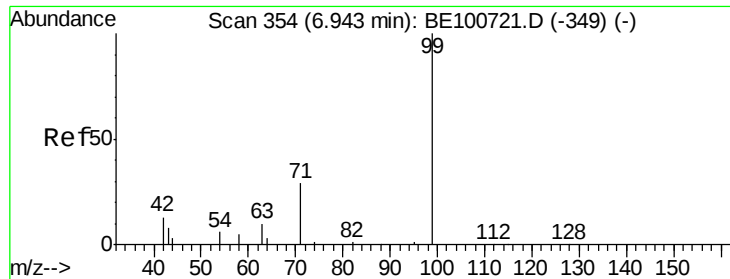
2-Fluorophenol
Concen: 0.059 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.00 min
Lab File: BE100744.D
Acq: 15 Nov 2019 19:21

Tgt Ion:112 Resp: 587
Ion Ratio Lower Upper
112 100
64 68.5 58.3 87.5
63 145.0 115.4 173.2



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: 0.066 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.00 min

Lab File: BE100744.D

Acq: 15 Nov 2019 19:21

Instrument :

BNA_E

ClientSampleId :

EXT-034-SW092-110619-4

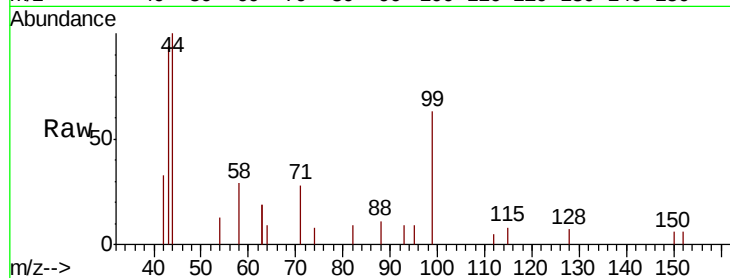
Tot Ion: 99 Resp: 929

Ion Ratio Lower Upper

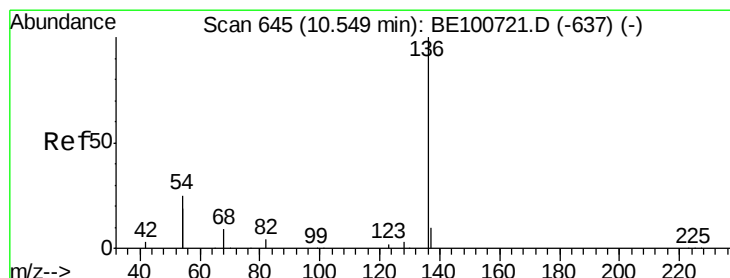
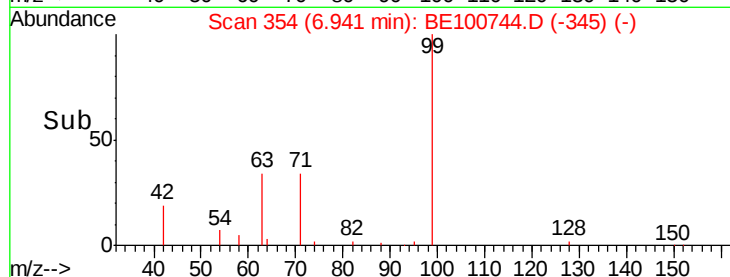
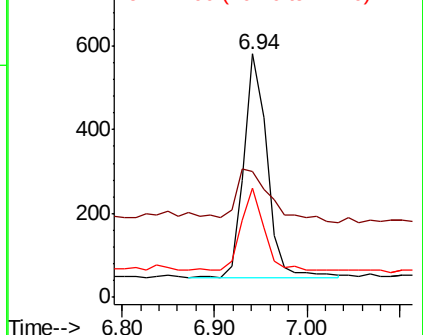
99 100

42 35.5 17.8 26.6#

71 35.5 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: BE100744.D

Acq: 15 Nov 2019 19:21

Tgt Ion: 136 Resp: 14926

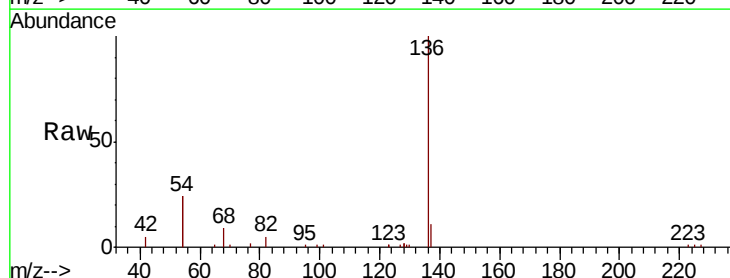
Ion Ratio Lower Upper

136 100

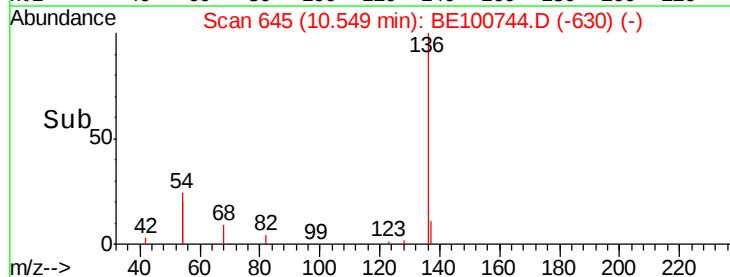
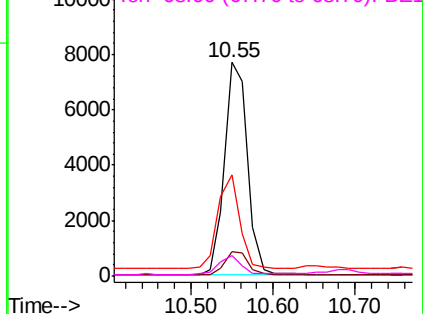
137 11.5 9.1 13.7

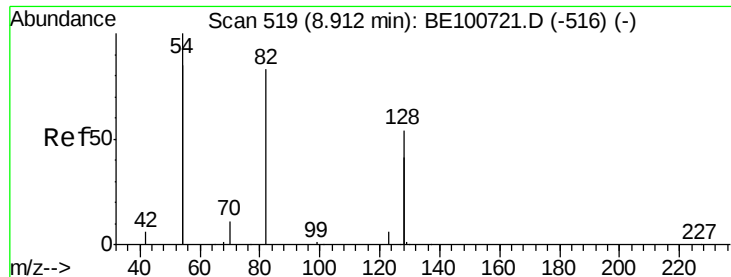
54 47.5 39.0 58.6

68 9.5 7.8 11.8



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: 0.050 ng

RT: 8.91 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100744.D

Acq: 15 Nov 2019 19:21

Instrument :

BNA_E

ClientSampleId :

EXT-034-SW092-110619-4

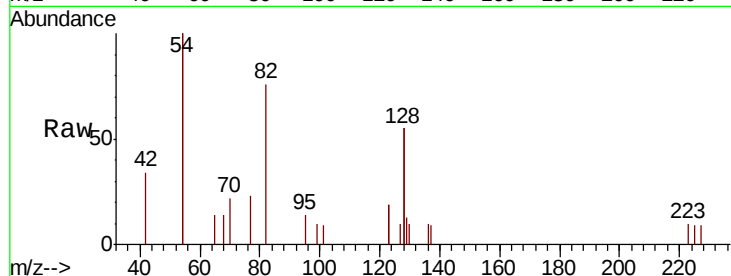
Tot Ion: 82 Resp: 638

Ion Ratio Lower Upper

82 100

128 146.3 99.6 149.4

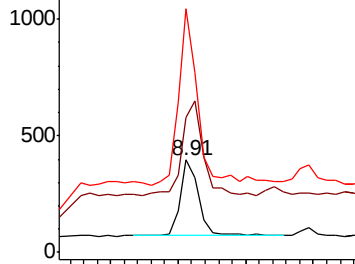
54 264.3 183.8 275.8



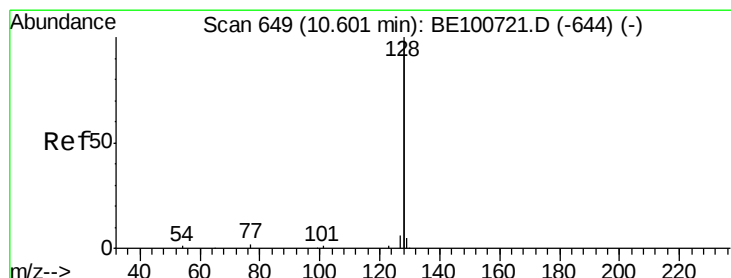
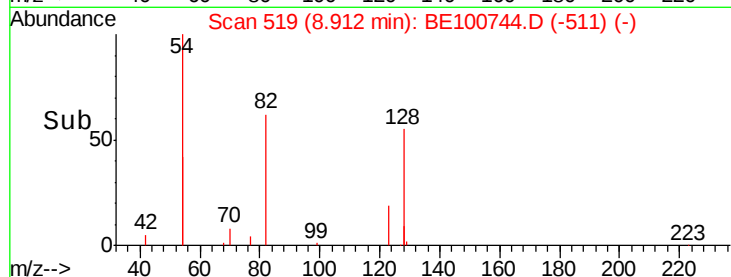
Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



Time-->



#9

Naphthalene

Concen: 0.071 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE100744.D

Acq: 15 Nov 2019 19:21

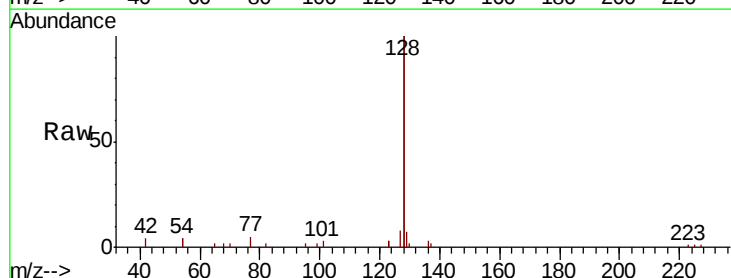
Tgt Ion: 128 Resp: 10972

Ion Ratio Lower Upper

128 100

129 3.7 2.4 3.6#

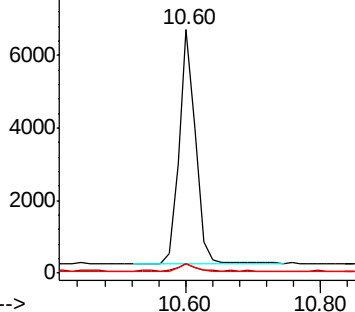
127 3.9 2.7 4.1



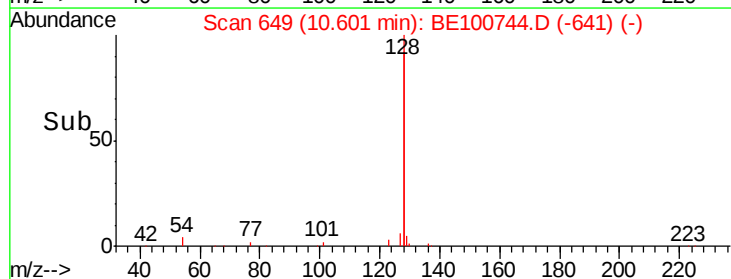
Abundance Ion 128.00 (127.70 to 128.70): E

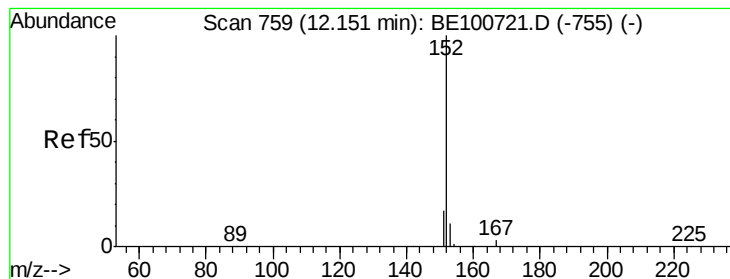
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.051 ng

RT: 12.15 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE100744.D

Acq: 15 Nov 2019 19:21

Instrument :

BNA_E

ClientSampleId :

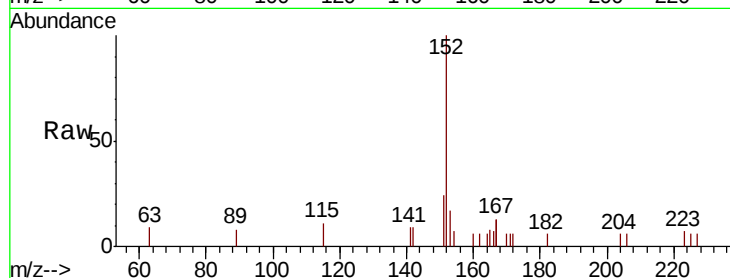
EXT-034-SW092-110619-4

Tot Ion:152 Resp: 1222

Ion Ratio Lower Upper

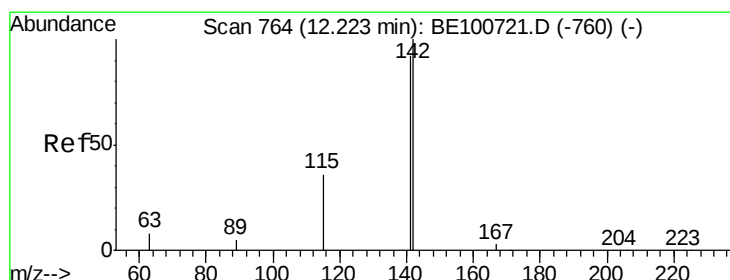
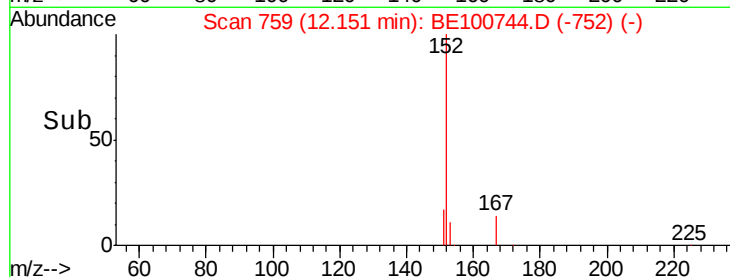
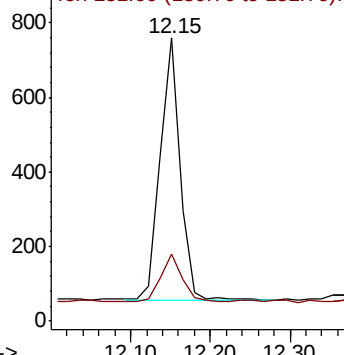
152 100

151 19.1 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: 0.097 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE100744.D

Acq: 15 Nov 2019 19:21

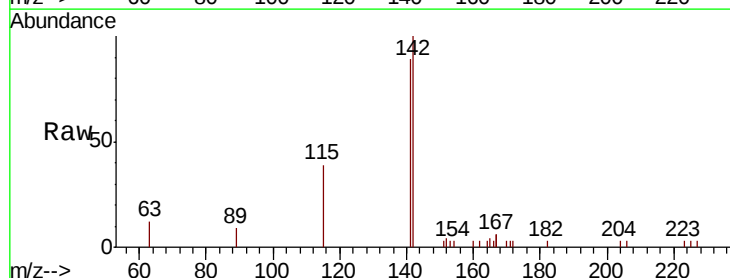
Tgt Ion:142 Resp: 2566

Ion Ratio Lower Upper

142 100

141 88.8 73.3 109.9

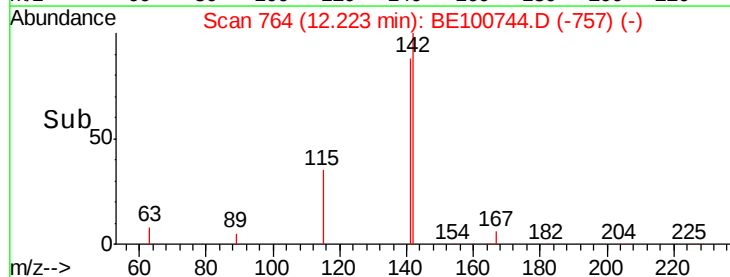
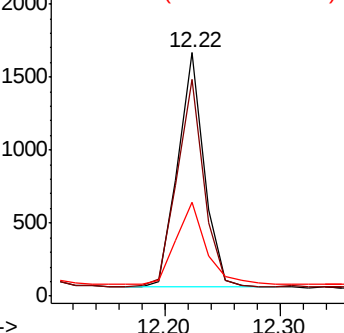
115 38.7 29.9 44.9

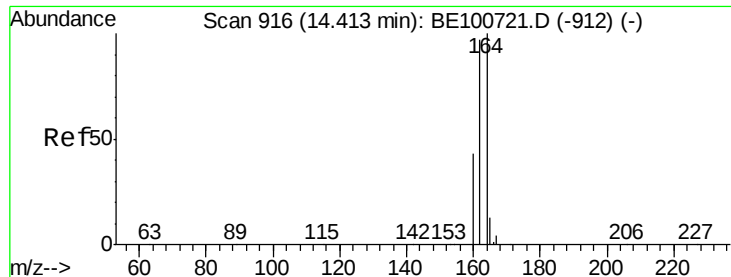


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

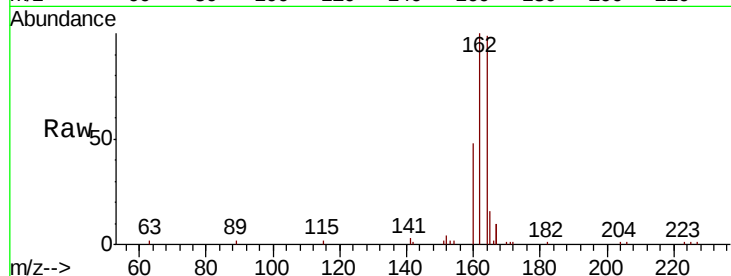




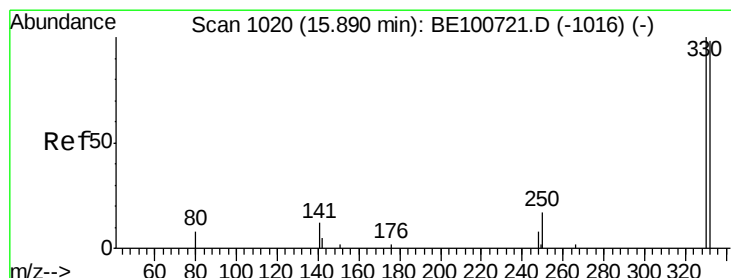
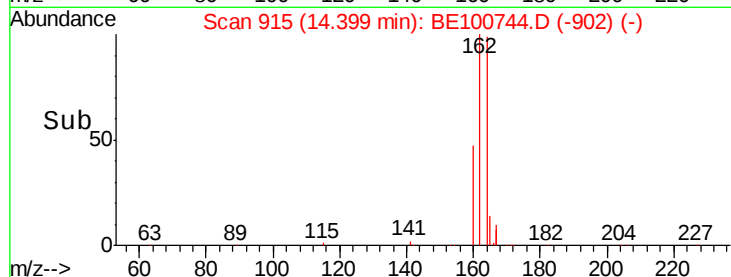
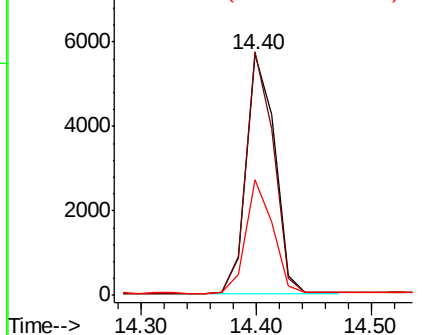
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.40 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BE100744.D
 Acq: 15 Nov 2019 19:21

Instrument :
 BNA_E
 ClientSampleId :
 EXT-034-SW092-110619-4

Tot Ion:164 Resp: 9660
 Ion Ratio Lower Upper
 164 100
 162 101.2 77.8 116.8
 160 48.3 35.3 52.9

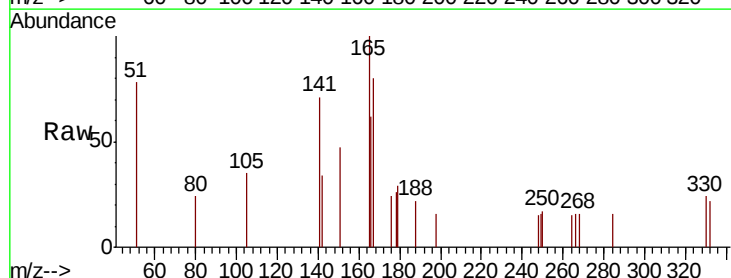


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

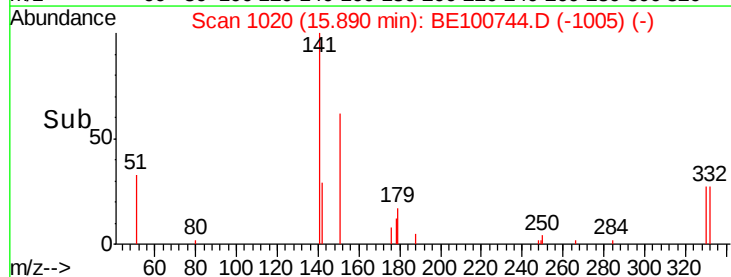
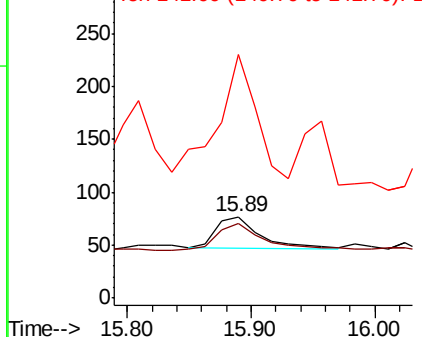


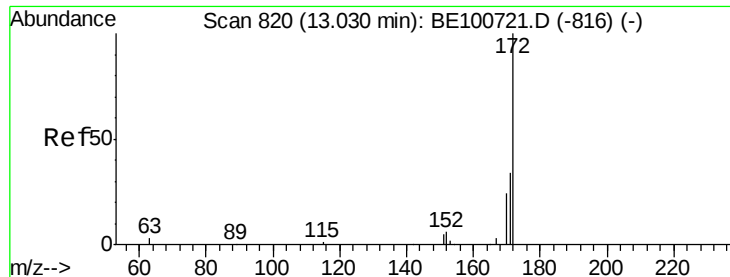
#14
 2,4,6-Tribromophenol
 Concen: 0.132 ng
 RT: 15.89 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BE100744.D
 Acq: 15 Nov 2019 19:21

Tgt Ion:330 Resp: 77
 Ion Ratio Lower Upper
 330 100
 332 90.9 85.0 127.6
 141 339.0 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

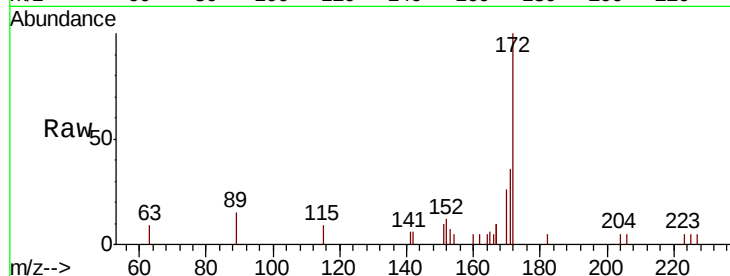




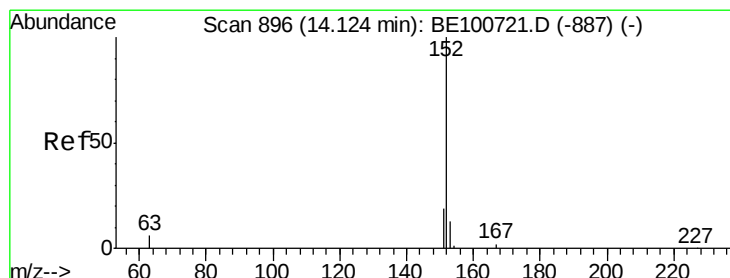
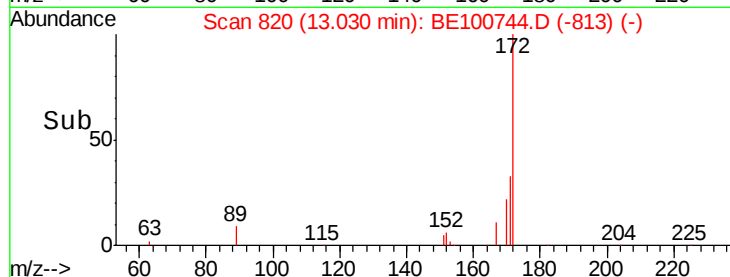
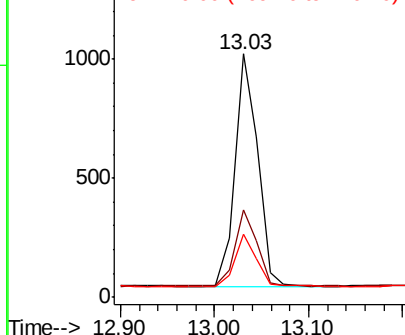
#15
2-Fluorobiphenyl
Concen: 0.046 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100744.D
Acq: 15 Nov 2019 19:21

Instrument :
BNA_E
ClientSampleId :
EXT-034-SW092-110619-4

Tot Ion:172 Resp: 1621
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 26.0 19.8 29.6

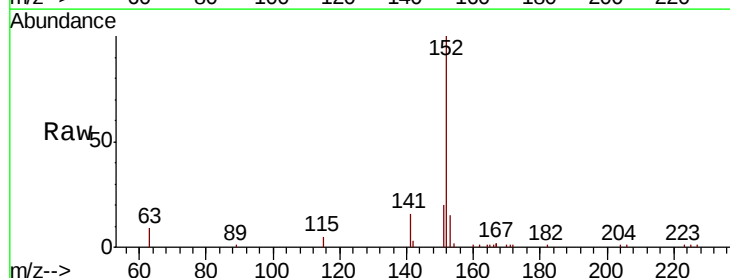


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

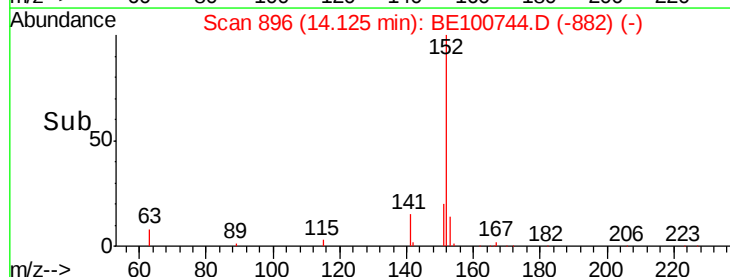
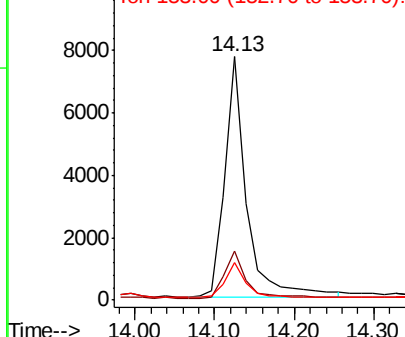


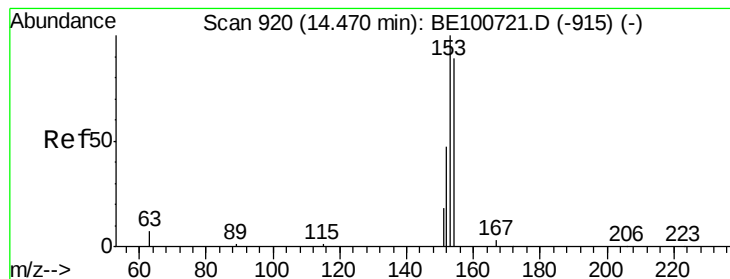
#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.13 min Scan# 896
Delta R.T. 0.00 min
Lab File: BE100744.D
Acq: 15 Nov 2019 19:21

Tgt Ion:152 Resp: 14436
Ion Ratio Lower Upper
152 100
151 20.0 14.9 22.3
153 14.3 10.7 16.1



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: 0.058 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE100744.D

Acq: 15 Nov 2019 19:21

Instrument :

BNA_E

ClientSampleId :

EXT-034-SW092-110619-4

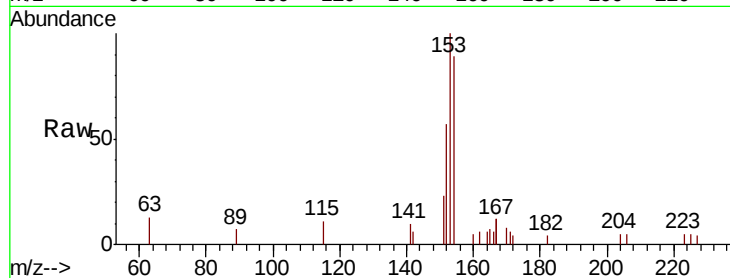
Tot Ion:154 Resp: 1488

Ion Ratio Lower Upper

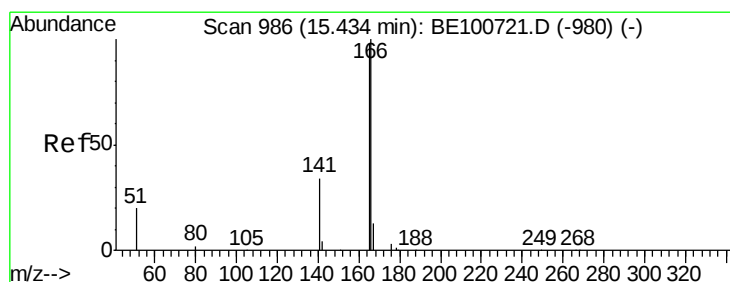
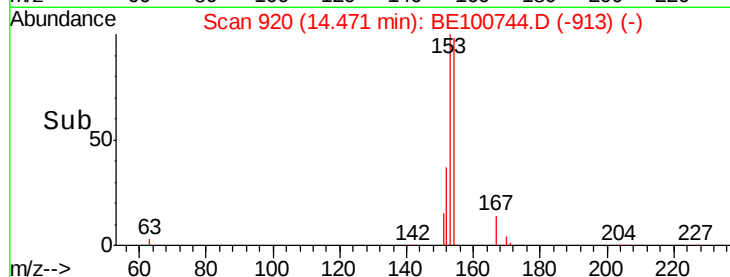
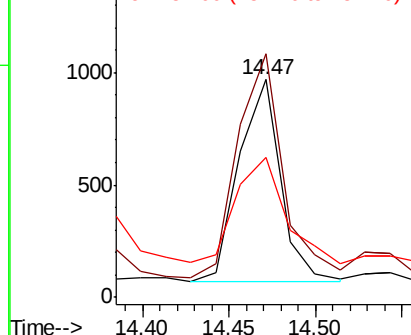
154 100

153 123.1 91.9 137.9

152 62.8 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: 0.144 ng

RT: 15.43 min Scan# 986

Delta R.T. 0.00 min

Lab File: BE100744.D

Acq: 15 Nov 2019 19:21

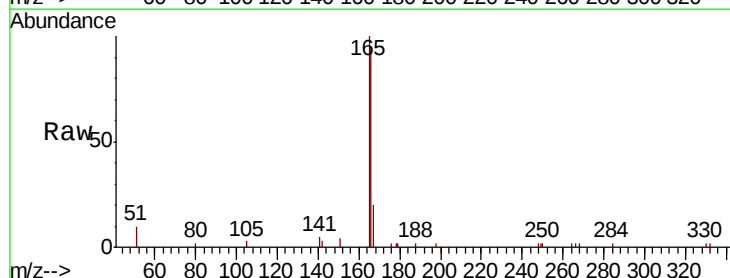
Tgt Ion:166 Resp: 5037

Ion Ratio Lower Upper

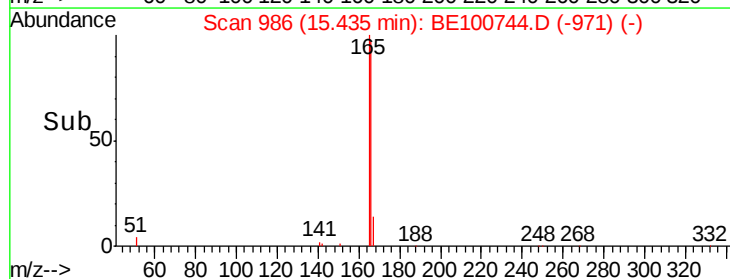
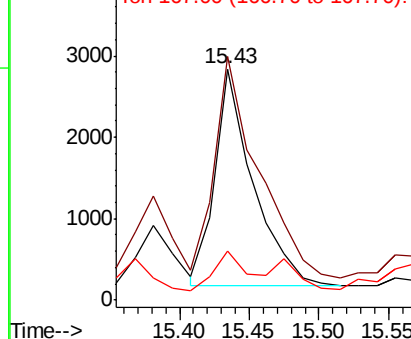
166 100

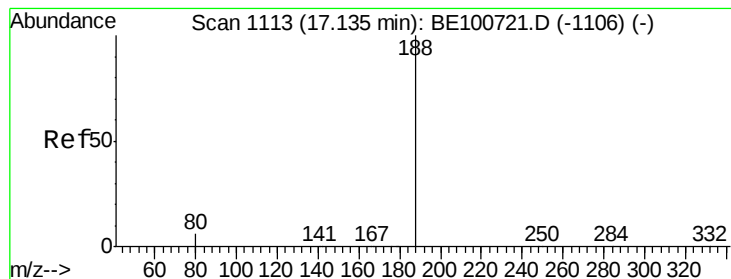
165 117.7 78.2 117.4#

167 16.7 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: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100744.D

Acq: 15 Nov 2019 19:21

Instrument :

BNA_E

ClientSampleId :

EXT-034-SW092-110619-4

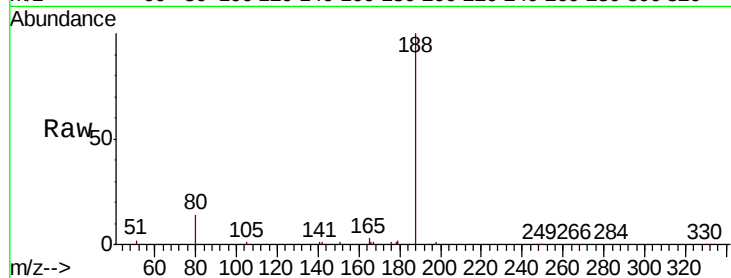
Tot Ion:188 Resp: 21649

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

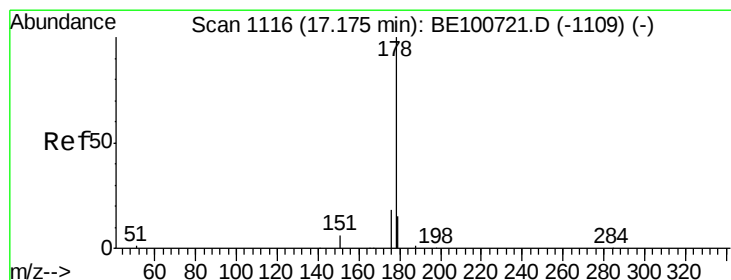
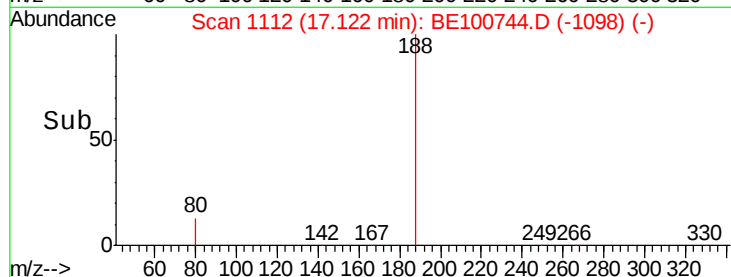
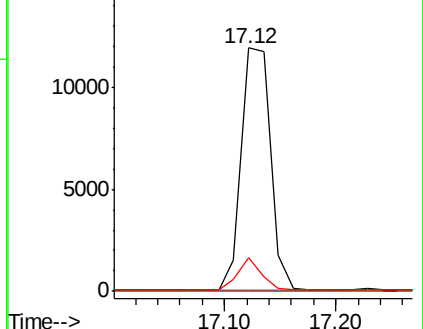
80 14.1 5.4 8.0#



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: 2.066 ng

RT: 17.18 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE100744.D

Acq: 15 Nov 2019 19:21

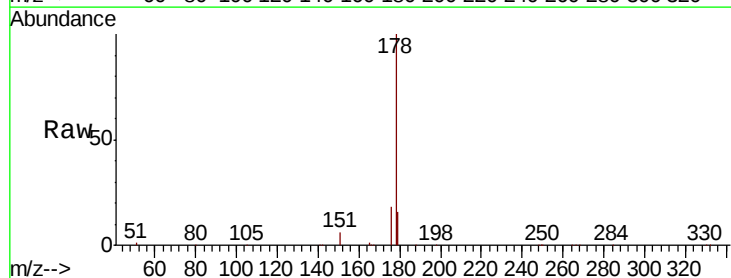
Tgt Ion:178 Resp: 121931

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

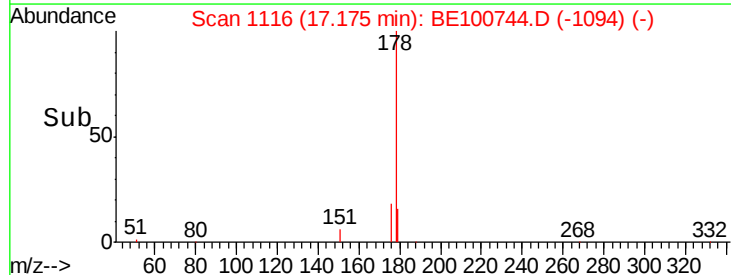
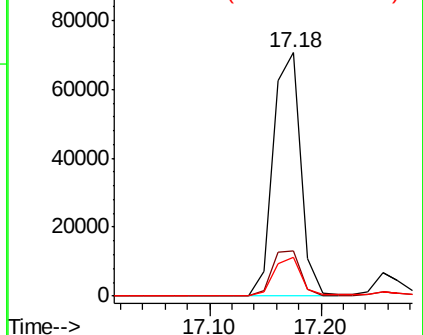
179 15.6 12.6 18.8

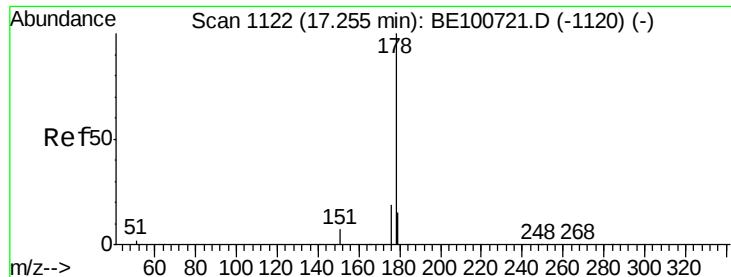


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.199 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100744.D

Acq: 15 Nov 2019 19:21

Instrument :

BNA_E

ClientSampleId :

EXT-034-SW092-110619-4

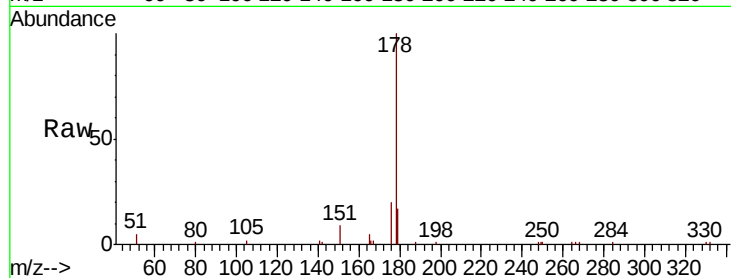
Tot Ion:178 Resp: 10464

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

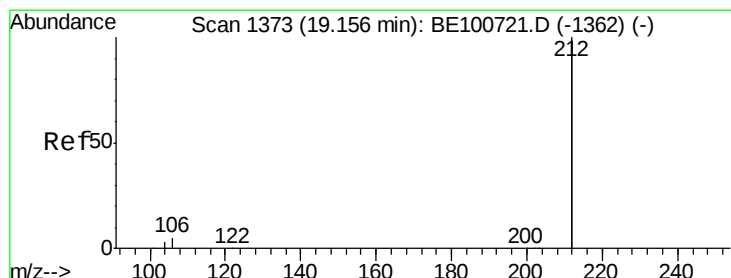
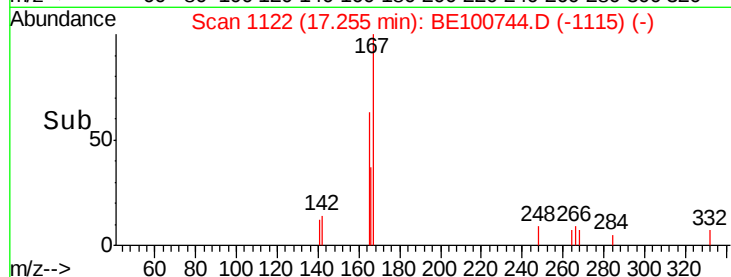
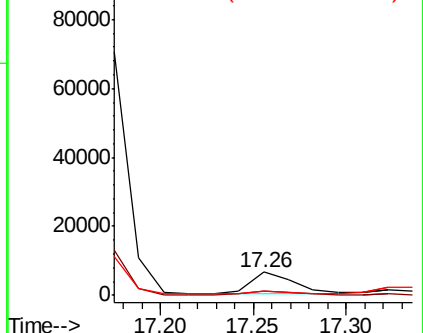
179 14.0 12.6 18.8



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: 0.041 ng

RT: 19.15 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE100744.D

Acq: 15 Nov 2019 19:21

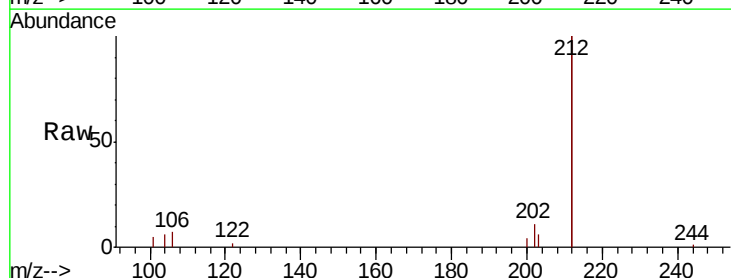
Tgt Ion:212 Resp: 11857

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.4

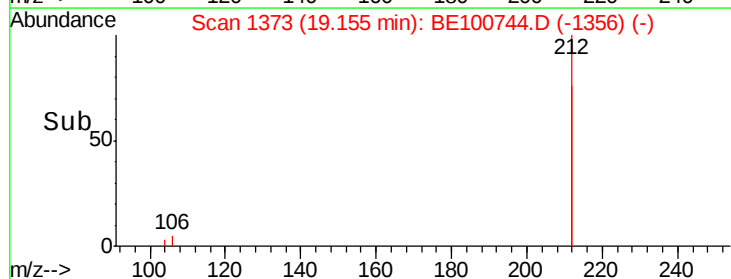
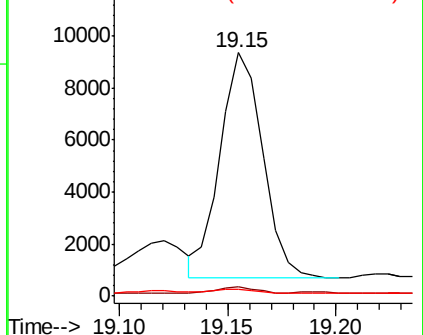
104 1.9 1.2 1.8#

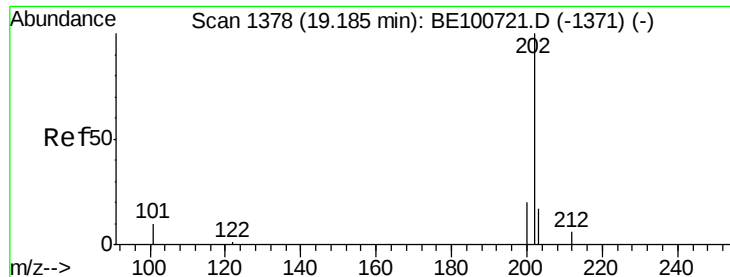


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

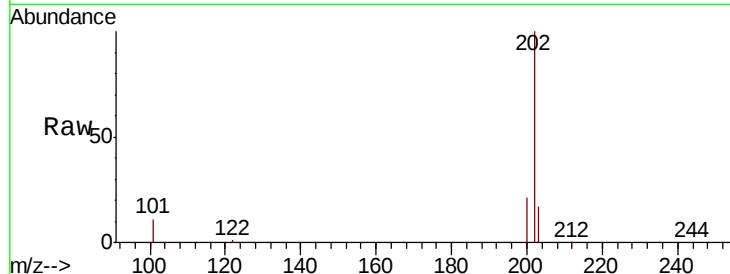




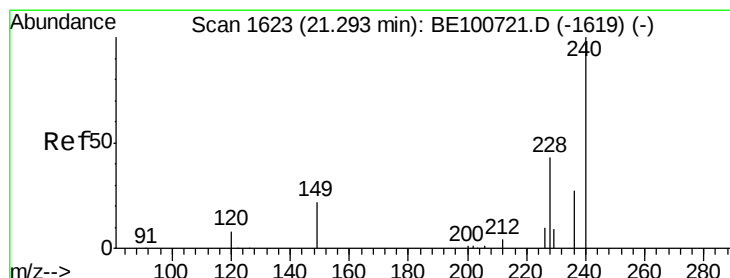
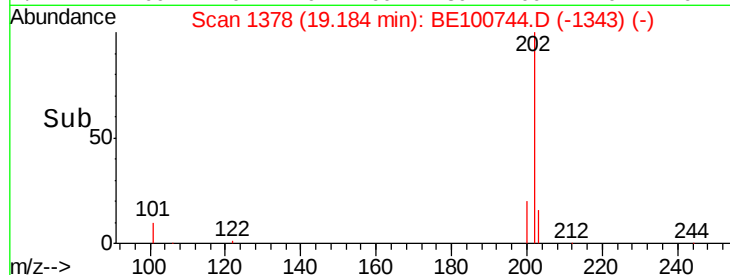
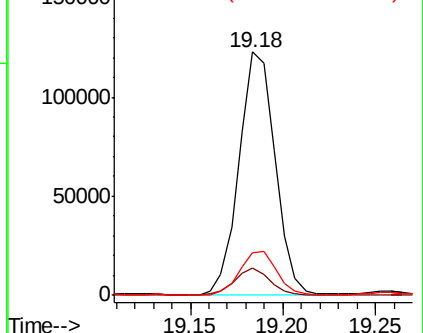
#26
Fluoranthene
Concen: 2.109 ng
RT: 19.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE100744.D
Acq: 15 Nov 2019 19:21

Instrument :
BNA_E
ClientSampleId :
EXT-034-SW092-110619-4

Tot Ion:202 Resp: 166225
Ion Ratio Lower Upper
202 100
101 10.5 8.6 12.8
203 18.0 13.6 20.4

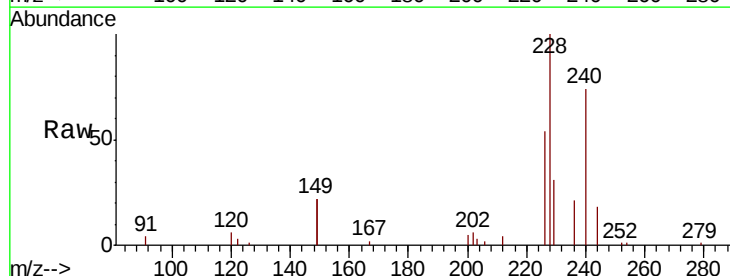


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

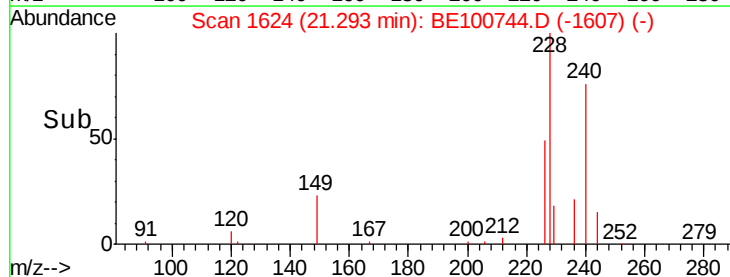
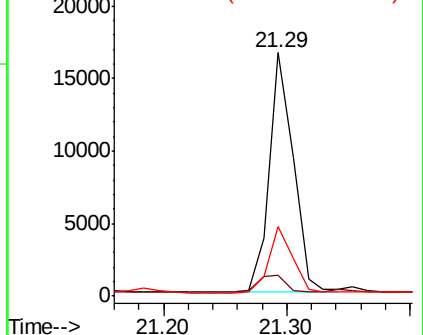


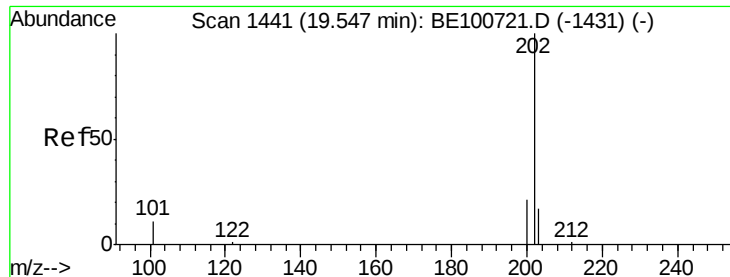
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100744.D
Acq: 15 Nov 2019 19:21

Tgt Ion:240 Resp: 22612
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.0
236 28.3 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

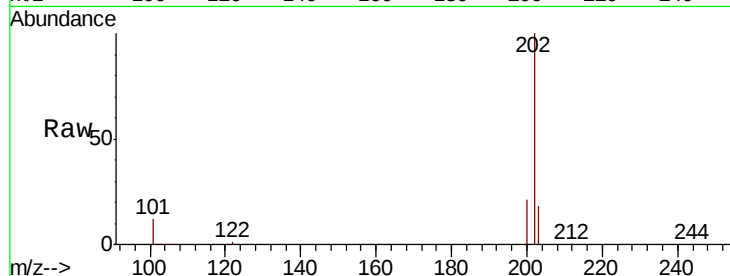




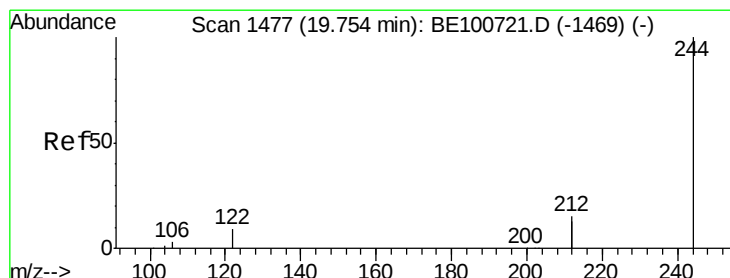
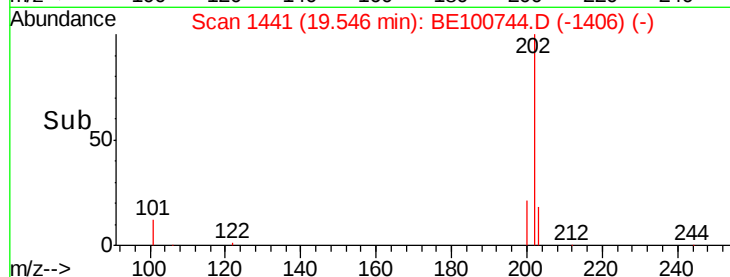
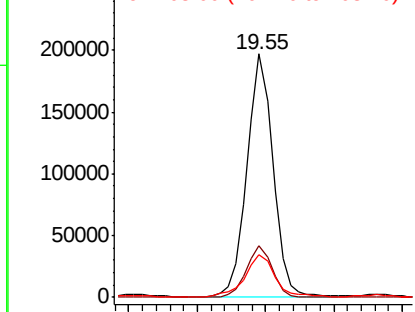
#28
Pvrene
Concen: 4.080 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BE100744.D
Acq: 15 Nov 2019 19:21

Instrument :
BNA_E
ClientSampleId :
EXT-034-SW092-110619-4

Tot Ion:202 Resp: 256486
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 20.3 14.0 21.0

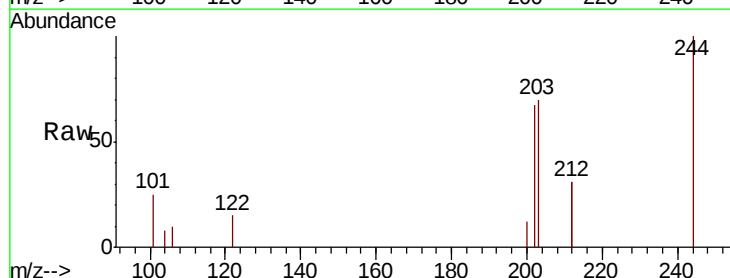


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

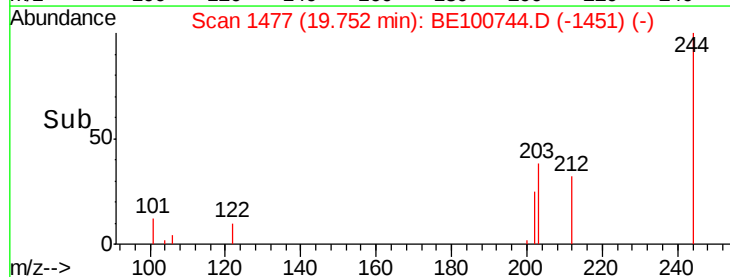
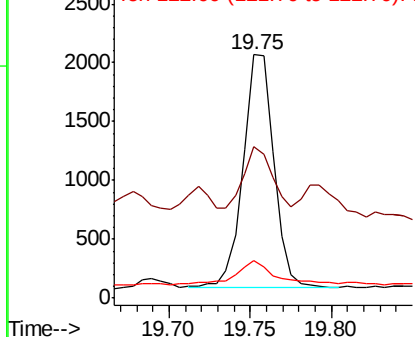


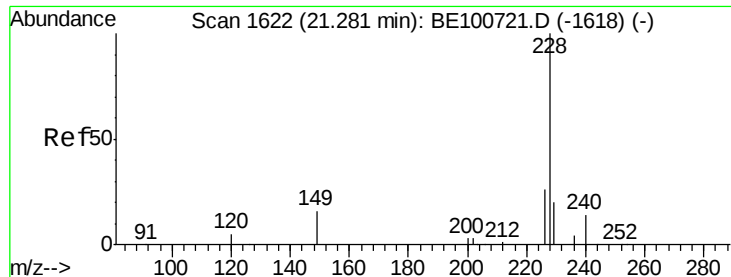
#29
Terphenyl-d14
Concen: 0.048 ng
RT: 19.75 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BE100744.D
Acq: 15 Nov 2019 19:21

Tgt Ion:244 Resp: 2610
Ion Ratio Lower Upper
244 100
212 62.3 24.3 36.5#
122 15.3 7.6 11.4#



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: 1.573 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100744.D

Acq: 15 Nov 2019 19:21

Instrument :

BNA_E

ClientSampleId :

EXT-034-SW092-110619-4

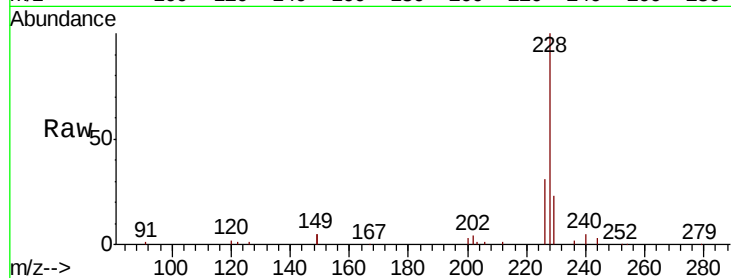
Tot Ion:228 Resp: 114163

Ion Ratio Lower Upper

228 100

226 31.3 21.1 31.7

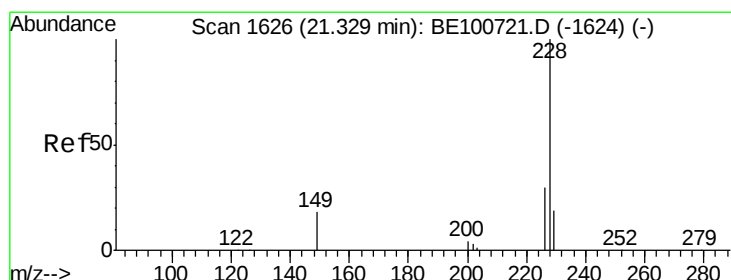
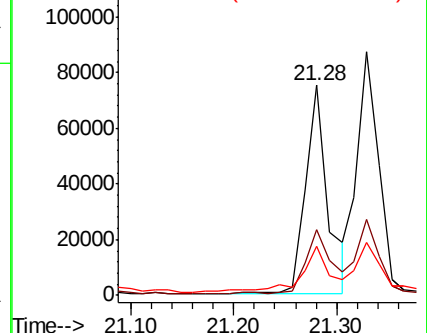
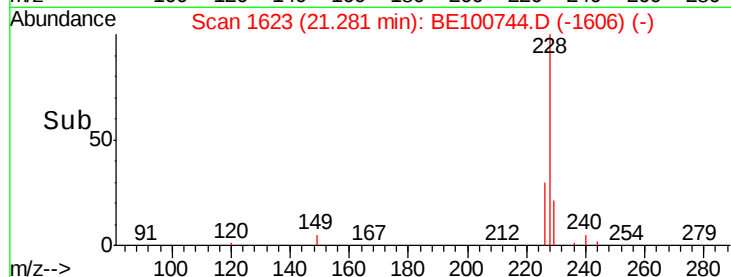
229 23.2 15.9 23.9



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: 1.689 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100744.D

Acq: 15 Nov 2019 19:21

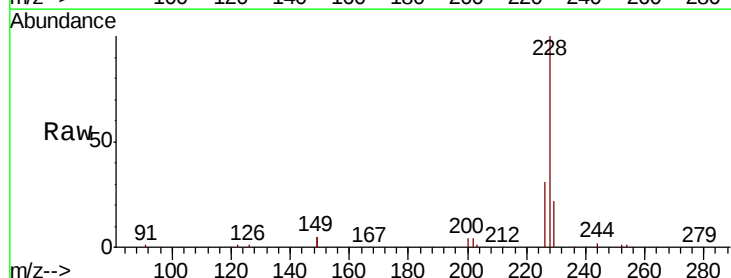
Tgt Ion:228 Resp: 124408

Ion Ratio Lower Upper

228 100

226 31.4 24.5 36.7

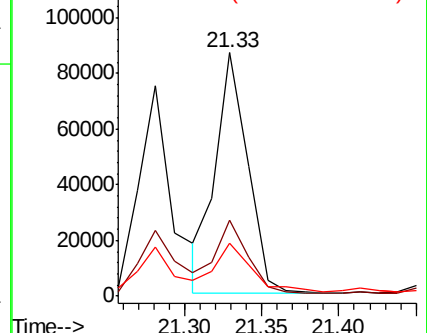
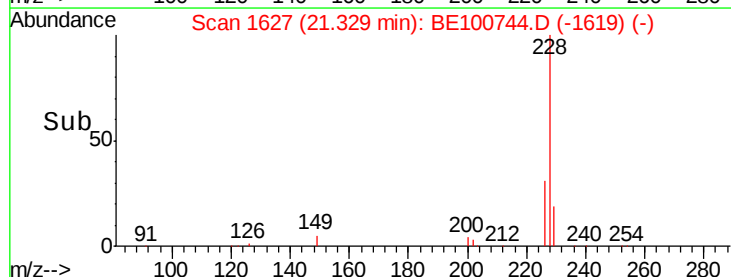
229 21.8 15.5 23.3

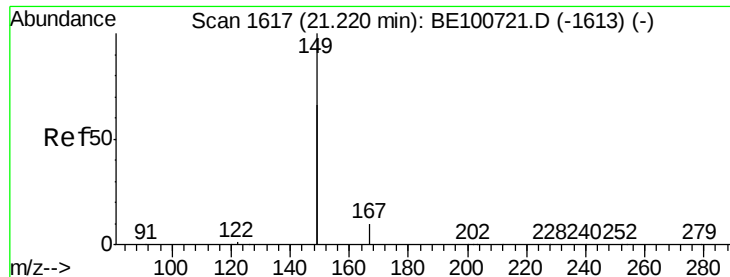


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

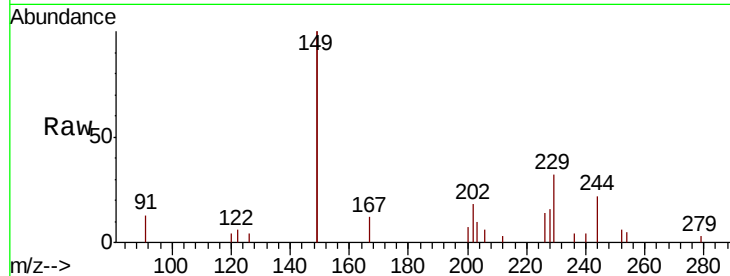




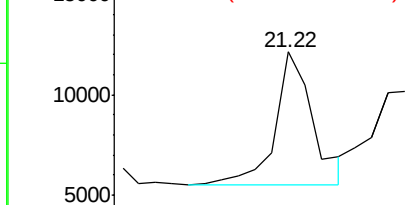
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.098 ng
 RT: 21.22 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BE100744.D
 Acq: 15 Nov 2019 19:21

Instrument :
 BNA_E
 ClientSampleId :
 EXT-034-SW092-110619-4

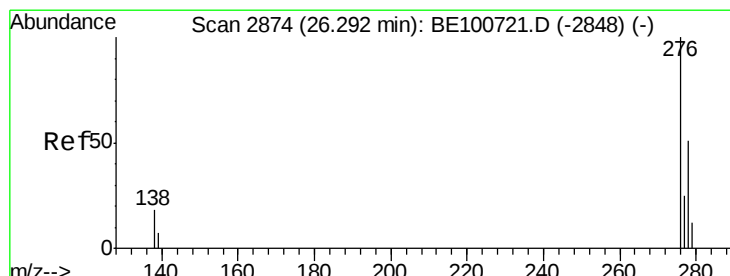
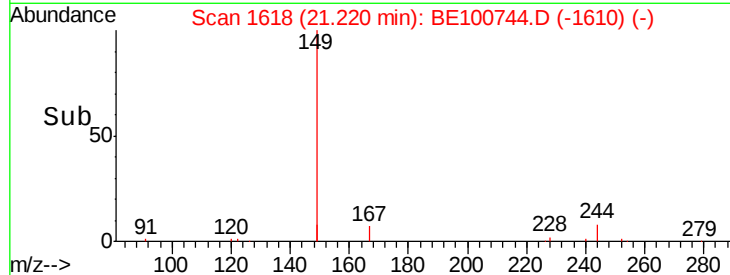
Tot Ion:149 Resp: 12670
 Ion Ratio Lower Upper
 149 100
 167 5.9 5.2 7.8
 279 1.2 0.9 1.3



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

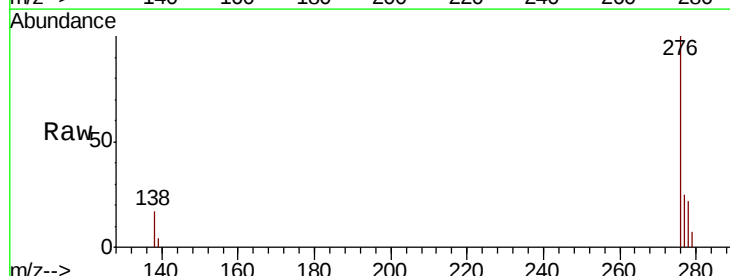


Time--> 21.10 21.15 21.20 21.25

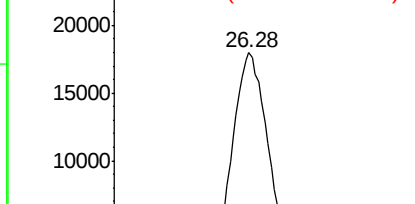


#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.626 ng
 RT: 26.28 min Scan# 2873
 Delta R.T. -0.01 min
 Lab File: BE100744.D
 Acq: 15 Nov 2019 19:21

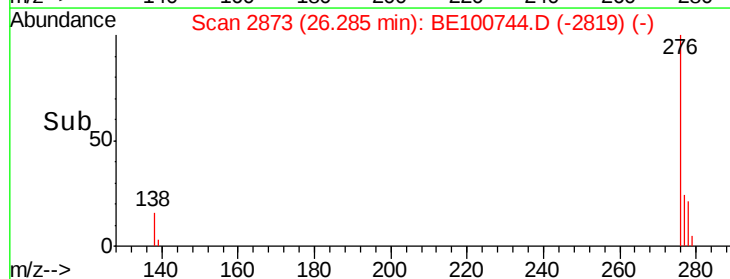
Tgt Ion:276 Resp: 54051
 Ion Ratio Lower Upper
 276 100
 138 16.1 14.8 22.2
 277 24.9 19.6 29.4

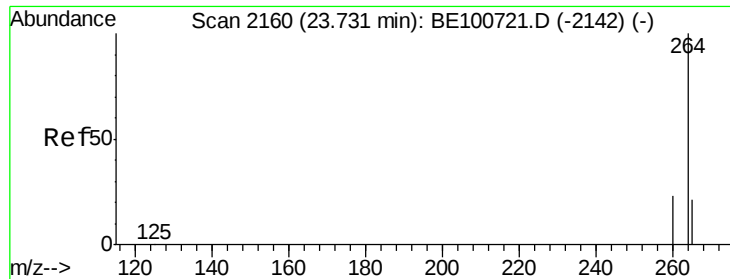


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



Time--> 26.20 26.30 26.40





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.73 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BE100744.D

Acq: 15 Nov 2019 19:21

Instrument :

BNA_E

ClientSampleId :

EXT-034-SW092-110619-4

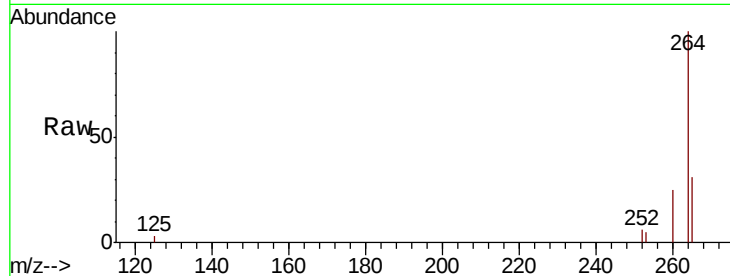
Tot Ion:264 Resp: 24790

Ion Ratio Lower Upper

264 100

260 25.4 19.1 28.7

265 31.1 19.7 29.5#

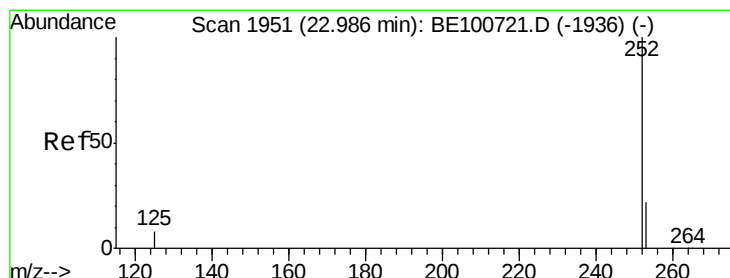
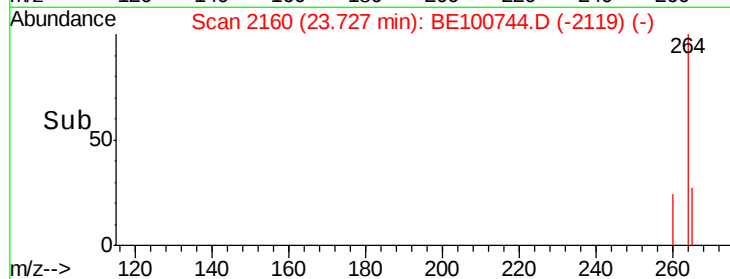
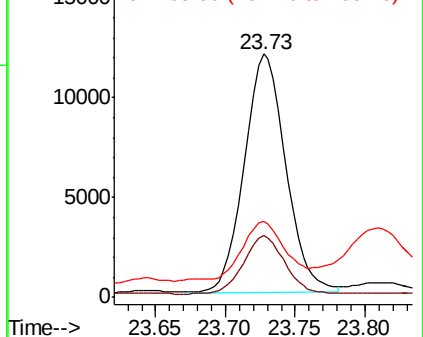


Abundance

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: 1.474 ng

RT: 22.99 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BE100744.D

Acq: 15 Nov 2019 19:21

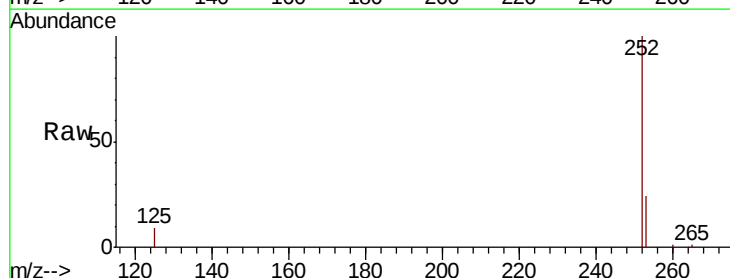
Tgt Ion:252 Resp: 106609

Ion Ratio Lower Upper

252 100

253 23.5 18.7 28.1

125 9.0 7.0 10.4

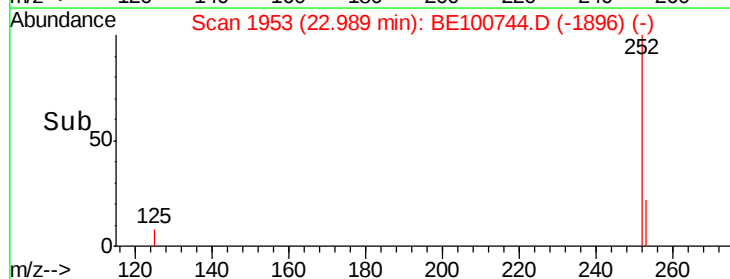
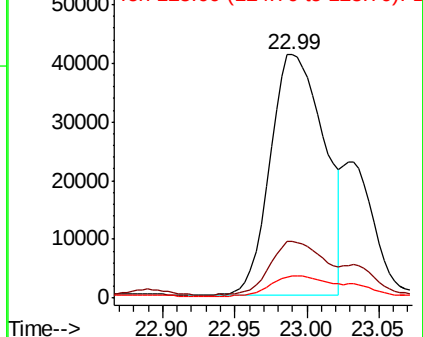


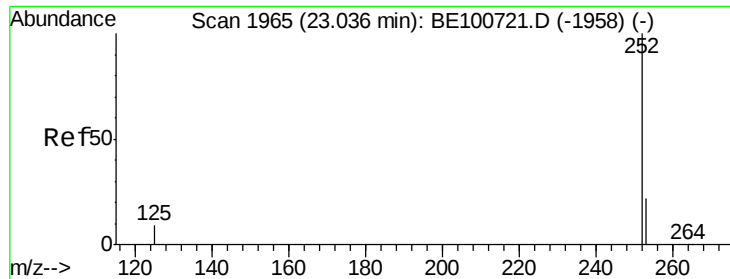
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

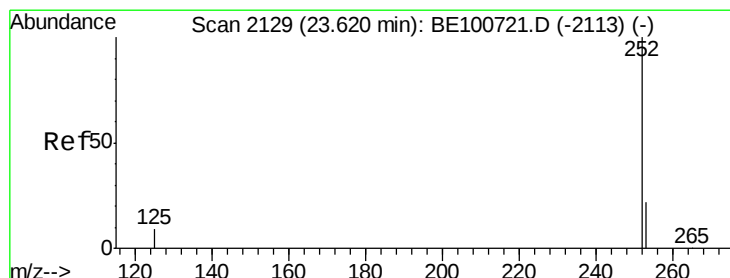
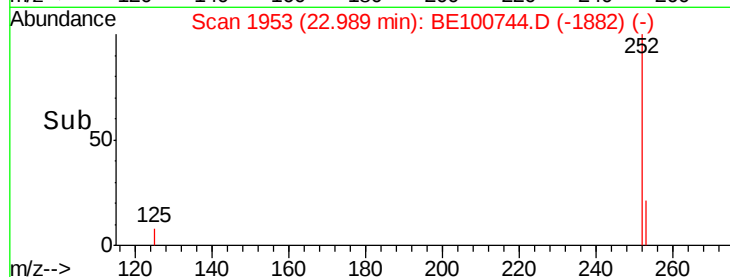
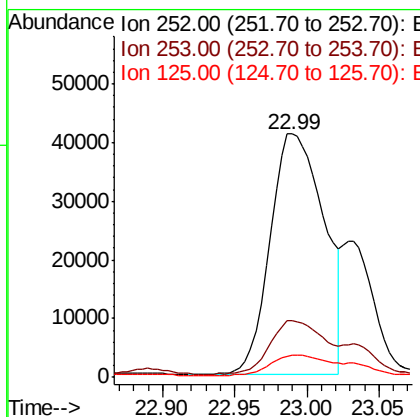
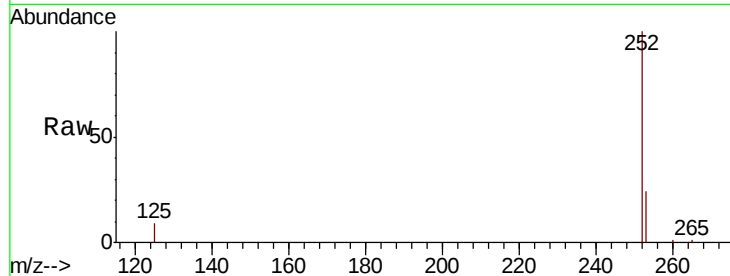




#36
Benzo(k)fluoranthene
Concen: 1.407 ng
RT: 22.99 min Scan# 1953
Delta R.T. -0.05 min
Lab File: BE100744.D
Acq: 15 Nov 2019 19:21

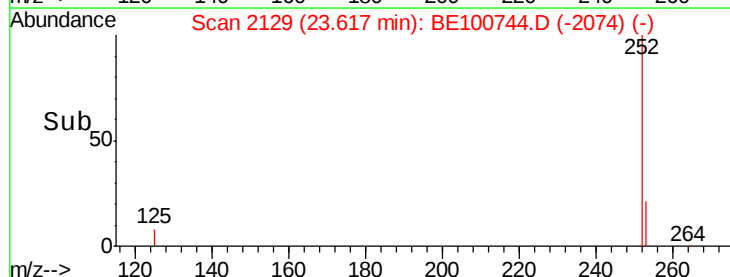
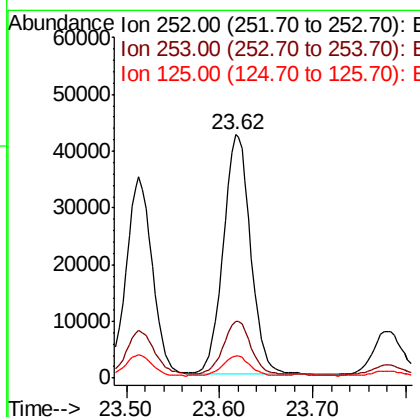
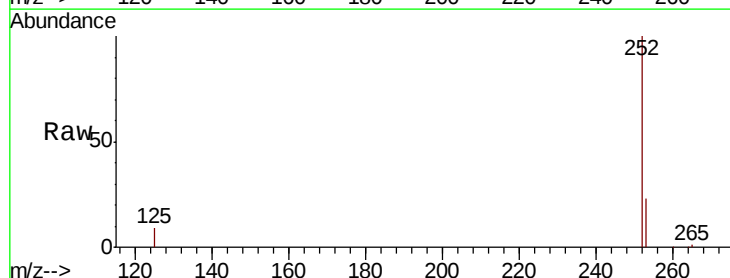
Instrument :
BNA_E
ClientSampleId :
EXT-034-SW092-110619-4

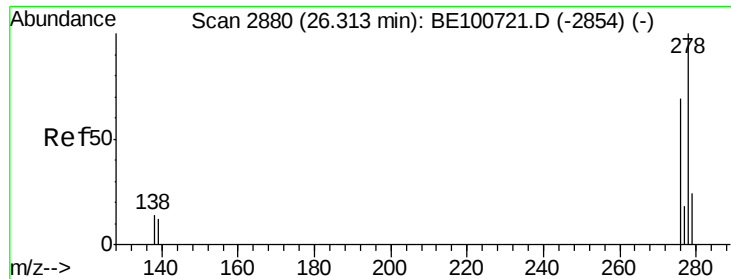
Tot Ion:252 Resp: 106609
Ion Ratio Lower Upper
252 100
253 23.5 18.6 27.8
125 9.0 7.6 11.4



#37
Benzo(a)pyrene
Concen: 1.280 ng
RT: 23.62 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BE100744.D
Acq: 15 Nov 2019 19:21

Tgt Ion:252 Resp: 86280
Ion Ratio Lower Upper
252 100
253 23.3 18.6 28.0
125 9.1 7.9 11.9





#38

Dibenzo(a,h)anthracene

Concen: 0.227 ng

RT: 26.30 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BE100744.D

Acq: 15 Nov 2019 19:21

Instrument :

BNA_E

ClientSampleId :

EXT-034-SW092-110619-4

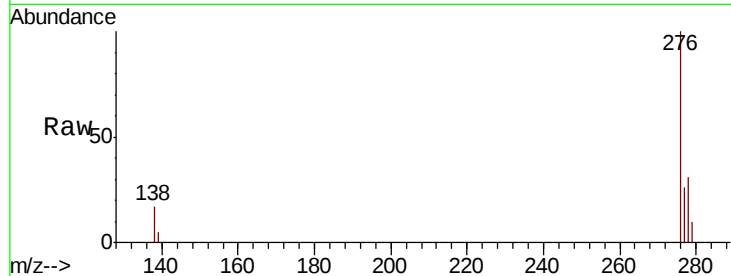
Tot Ion:278 Resp: 15989

Ion Ratio Lower Upper

278 100

139 16.6 10.3 15.5#

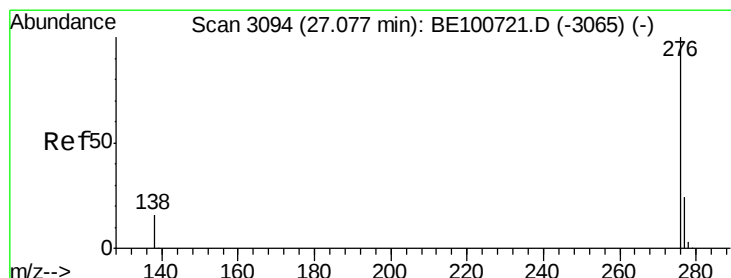
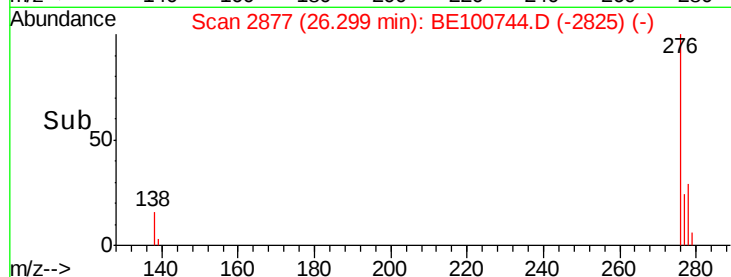
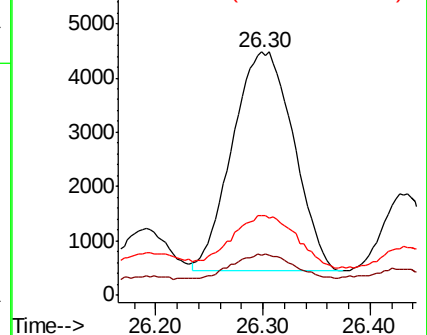
279 32.9 20.6 31.0#



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: 0.915 ng

RT: 27.08 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BE100744.D

Acq: 15 Nov 2019 19:21

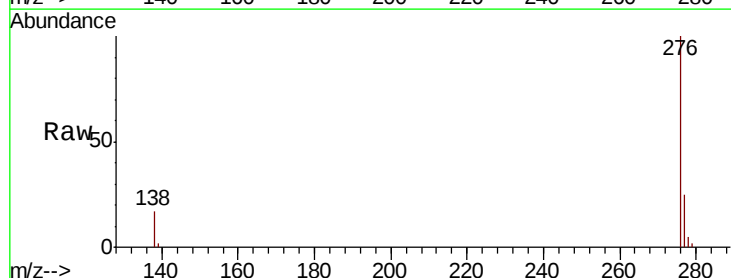
Tgt Ion:276 Resp: 63065

Ion Ratio Lower Upper

276 100

277 25.2 19.8 29.6

138 17.2 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

