

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071919\
 Data File : BE100467.D
 Acq On : 19 Jul 2019 12:26
 Operator : HP/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 19 13:34:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 13:27:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	3273	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	12749	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	8216	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	20926	0.40	ng	0.00
27) Chrysene-d12	21.38	240	24610	0.40	ng	0.00
34) Perylene-d12	23.86	264	25329	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	25158	4.04	ng	0.00
5) Phenol-d6	7.03	99	36082	3.92	ng	0.00
8) Nitrobenzene-d5	9.02	82	35412	5.03	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	68691	3.56	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	12383	6.67	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	103635	2.82	ng	0.00
25) Fluoranthene-d10	19.24	212	946470	3.80	ng	0.00
29) Terphenyl-d14	19.84	244	192142	3.19	ng	0.00

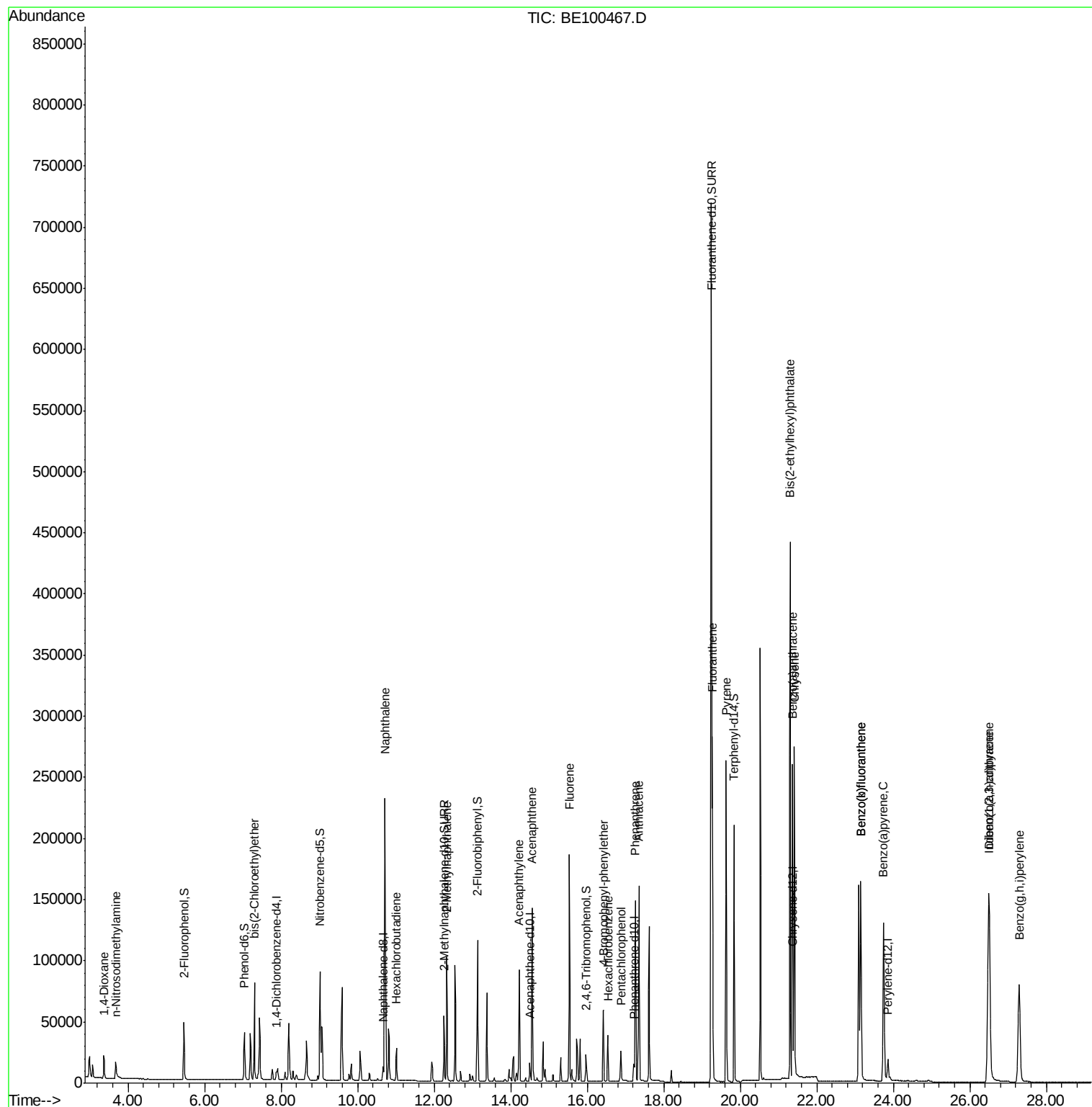
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	13658	2.822	ng	88
3) n-Nitrosodimethylamine	3.68	42	10525	3.711	ng	# 89
6) bis(2-Chloroethyl)ether	7.30	93	30276	3.256	ng	95
9) Naphthalene	10.72	128	388554	3.128	ng	99
10) Hexachlorobutadiene	11.02	225	18727	3.112	ng	98
12) 2-Methylnaphthalene	12.33	142	70271	3.384	ng	97
16) Acenaphthylene	14.21	152	122805	3.695	ng	100
17) Acenaphthene	14.56	154	74665	3.270	ng	98
18) Fluorene	15.53	166	98876	3.358	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	33124	3.033	ng	95
21) Hexachlorobenzene	16.54	284	33346	2.613	ng	98
22) Pentachlorophenol	16.88	266	16303	7.317	ng	90
23) Phenanthrene	17.25	178	172058	3.086	ng	100
24) Anthracene	17.35	178	165742	3.602	ng	100
26) Fluoranthene	19.27	202	240553	3.395	ng	99
28) Pyrene	19.63	202	245722	3.413	ng	99
30) Benzo(a)anthracene	21.37	228	246960	3.697	ng	99
31) Chrysene	21.41	228	238529	3.007	ng	100
32) Bis(2-ethylhexyl)phthalate	21.31	149	515046	10.751	ng	100
33) Indeno(1,2,3-cd)pyrene	26.49	276	254780	3.613	ng	99
35) Benzo(b)fluoranthene	23.15	252	236026	3.050	ng	96
36) Benzo(k)fluoranthene	23.15	252	239859	2.929	ng	# 92
37) Benzo(a)pyrene	23.74	252	219897	3.456	ng	95
38) Dibenzo(a,h)anthracene	26.51	278	208583	3.074	ng	96
39) Benzo(g,h,i)perylene	27.29	276	209133	2.947	ng	98

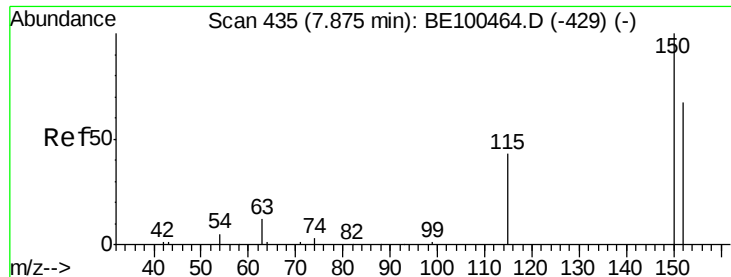
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071919\
Data File : BE100467.D
Acq On : 19 Jul 2019 12:26
Operator : HP/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 19 13:34:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 13:27:51 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. -0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

Instrument :

BNA_E

ClientSampleId :

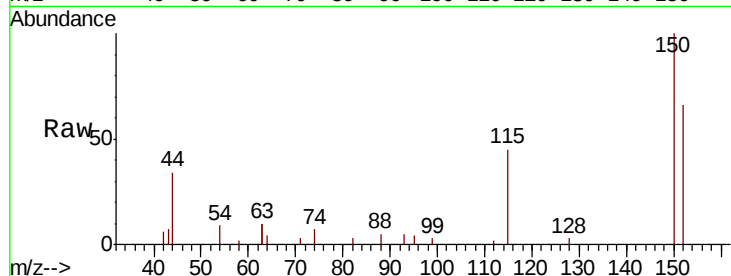
Tot Ion:152 Resp: 3273

Ion Ratio Lower Upper

152 100

150 152.2 117.6 176.4

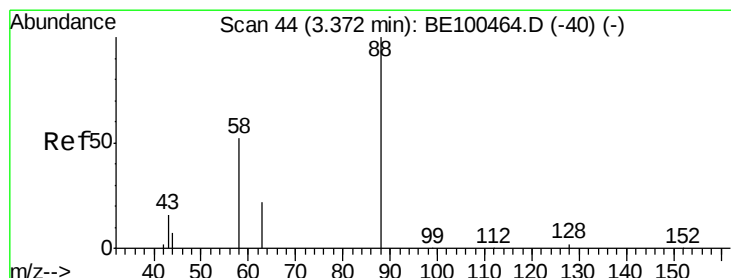
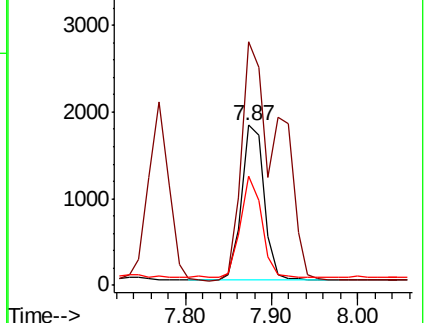
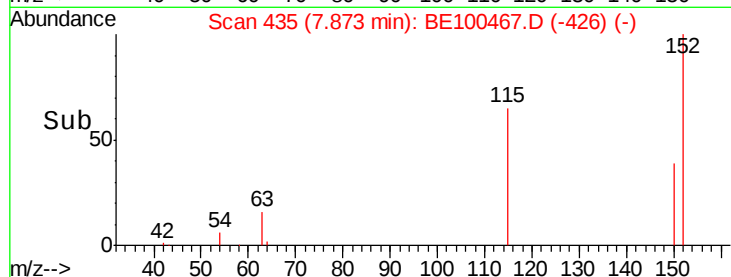
115 68.6 54.9 82.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 2.822 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

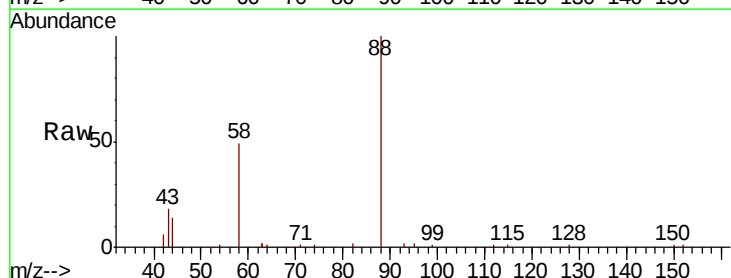
Tgt Ion: 88 Resp: 13658

Ion Ratio Lower Upper

88 100

58 74.0 50.2 75.4

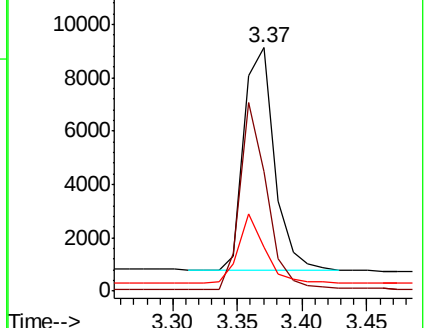
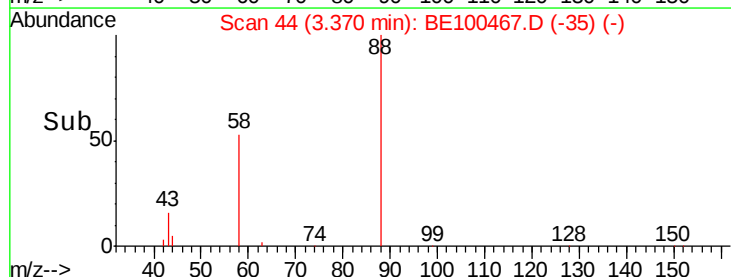
43 27.2 19.1 28.7

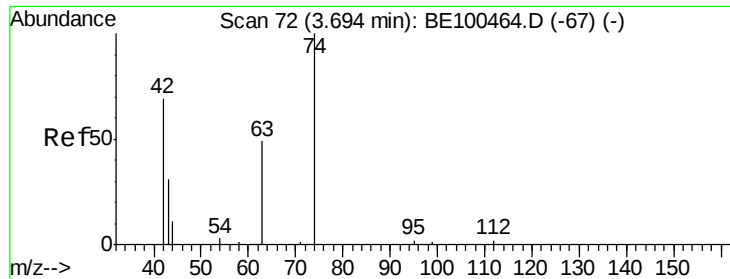


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 3.711 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

Instrument :

BNA_E

ClientSampleId :

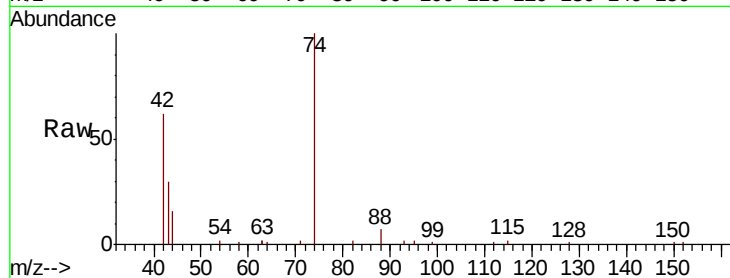
Tot Ion: 42 Resp: 10525

Ion Ratio Lower Upper

42 100

74 144.9 105.8 158.8

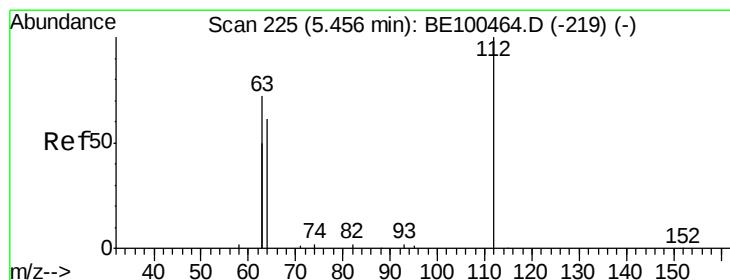
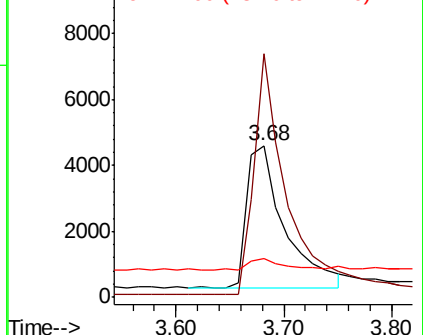
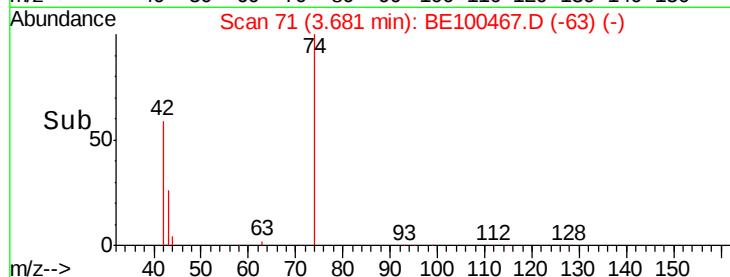
44 8.1 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 4.040 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

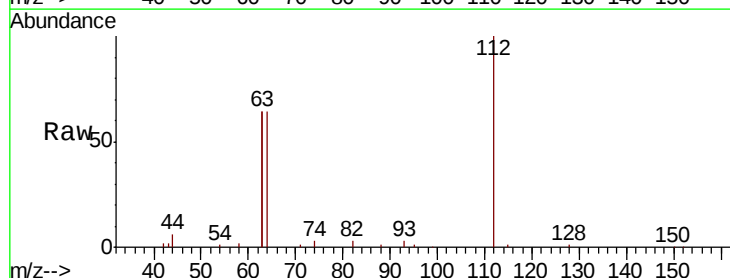
Tgt Ion: 112 Resp: 25158

Ion Ratio Lower Upper

112 100

64 66.7 51.9 77.9

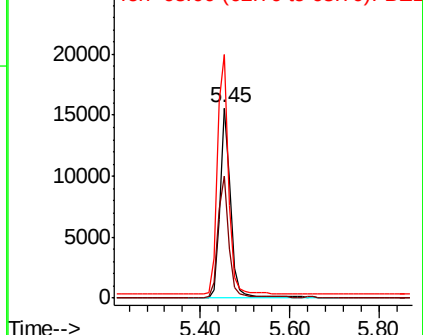
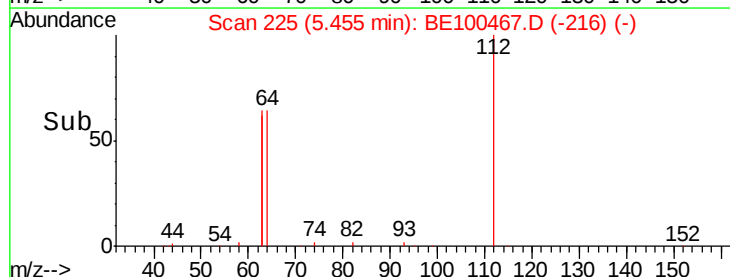
63 134.2 103.9 155.9

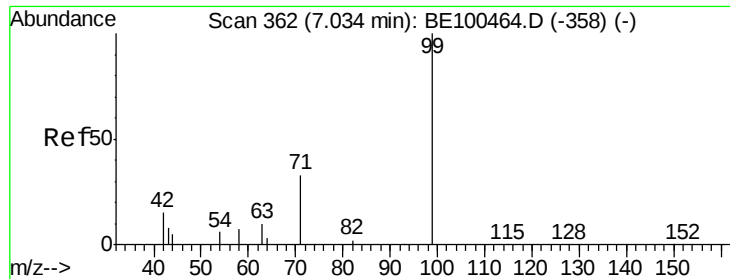


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 3.921 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

Instrument :

BNA_E

ClientSampleId :

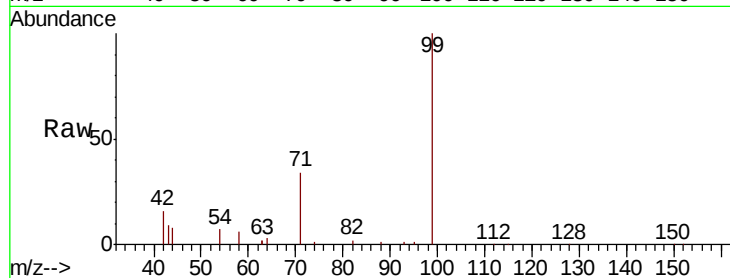
Tot Ion: 99 Resp: 36082

Ion Ratio Lower Upper

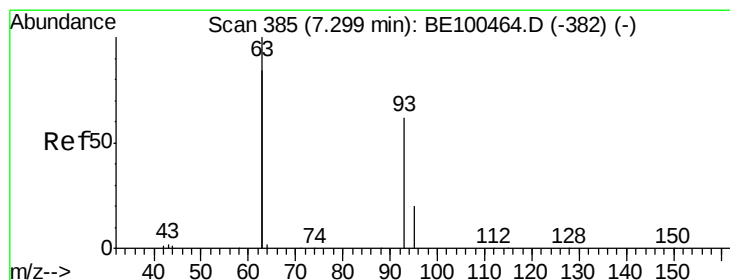
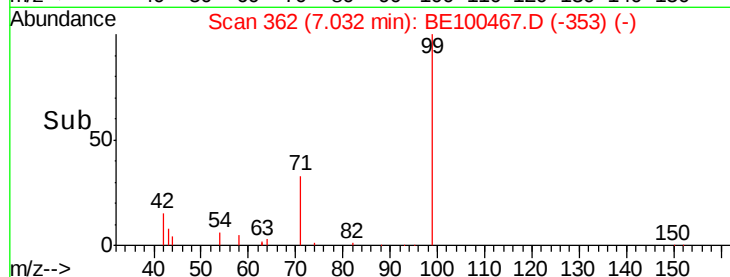
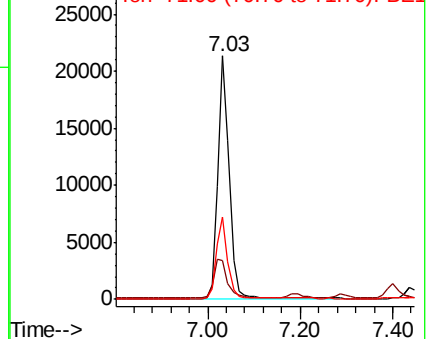
99 100

42 18.5 16.2 24.4

71 33.4 26.0 39.0



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



#6

bis(2-Chloroethyl)ether

Concen: 3.256 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

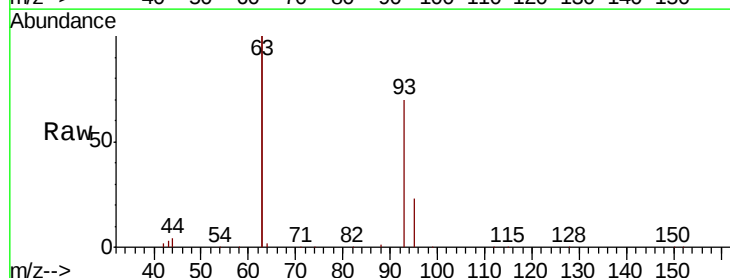
Tgt Ion: 93 Resp: 30276

Ion Ratio Lower Upper

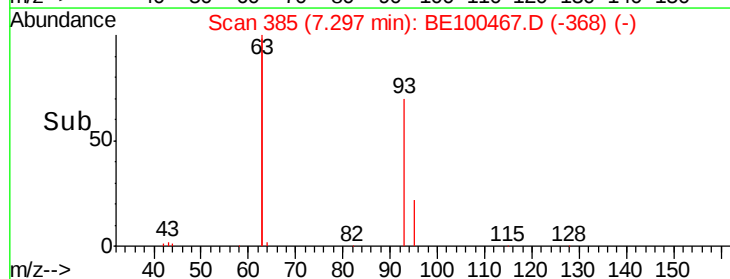
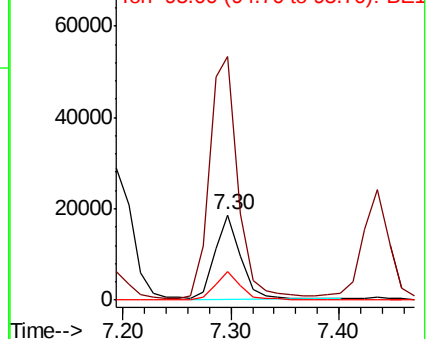
93 100

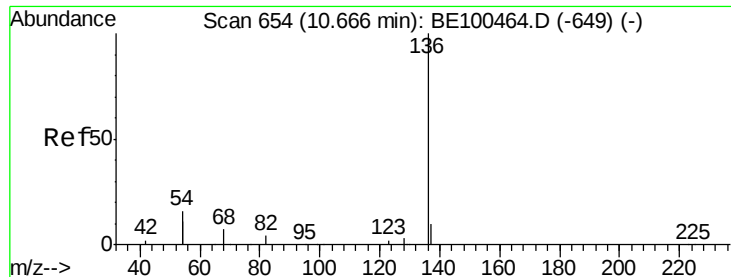
63 320.2 248.4 372.6

95 32.6 24.7 37.1



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 12749

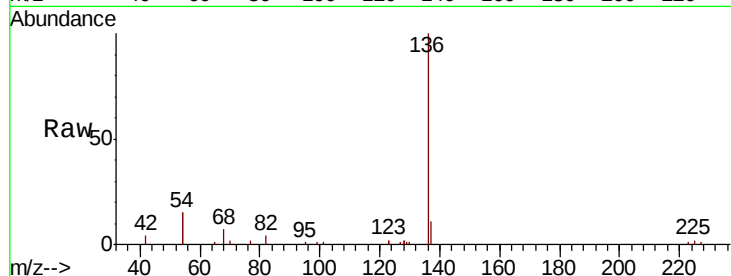
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 29.9 26.2 39.2

68 6.8 6.5 9.7

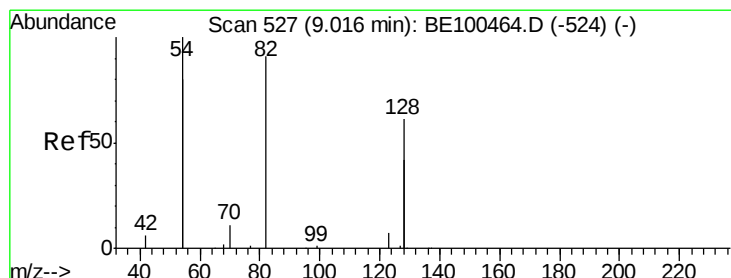
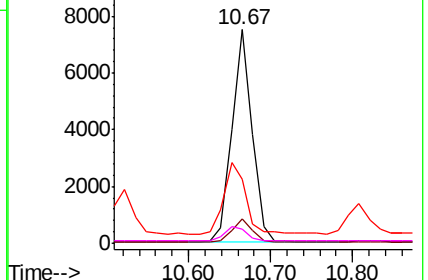
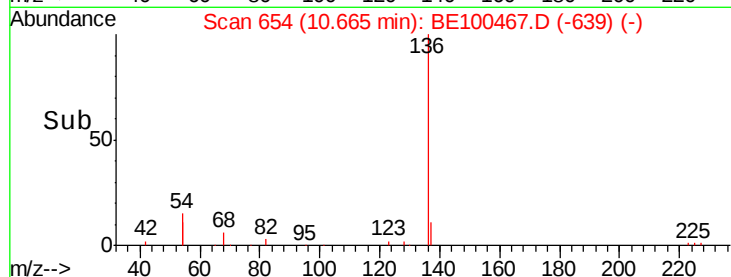


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.032 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

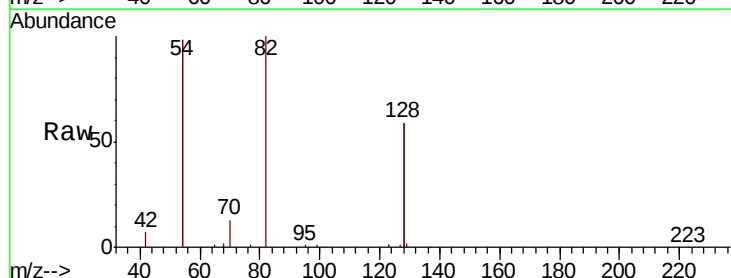
Tgt Ion: 82 Resp: 35412

Ion Ratio Lower Upper

82 100

128 118.3 100.7 151.1

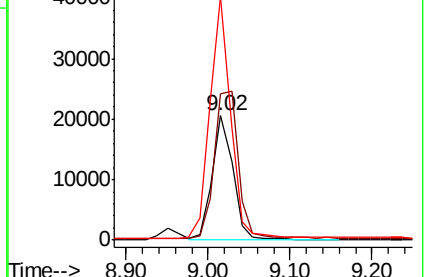
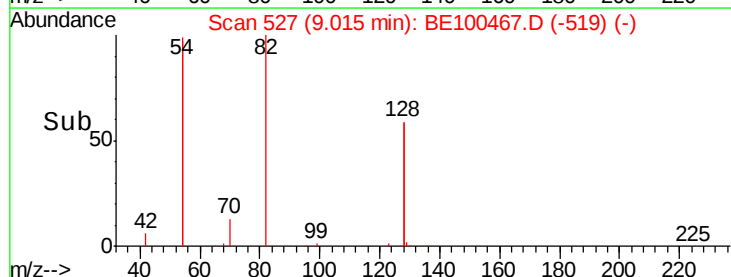
54 196.0 164.4 246.6

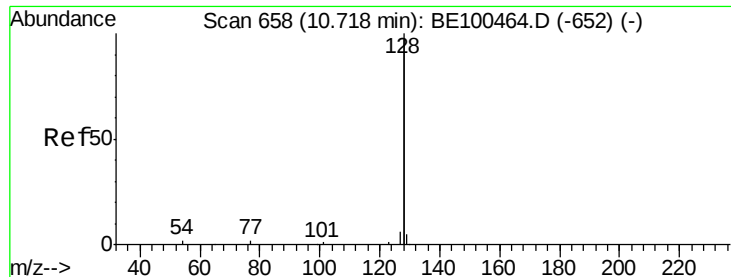


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 3.128 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

Instrument :

BNA_E

ClientSampleId :

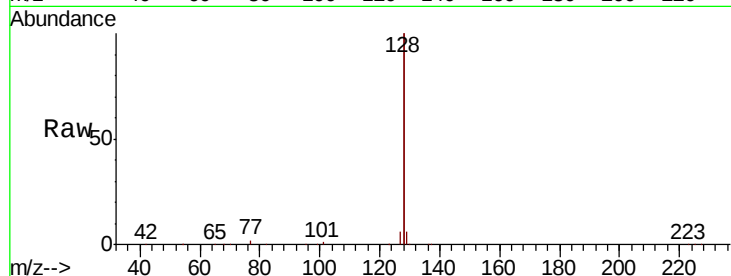
Tot Ion:128 Resp: 388554

Ion Ratio Lower Upper

128 100

129 2.8 2.4 3.6

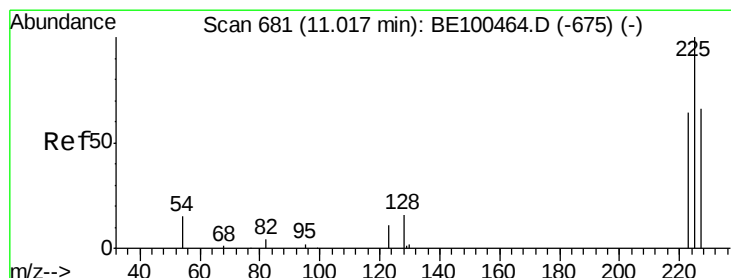
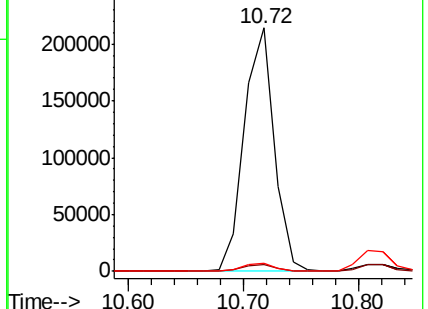
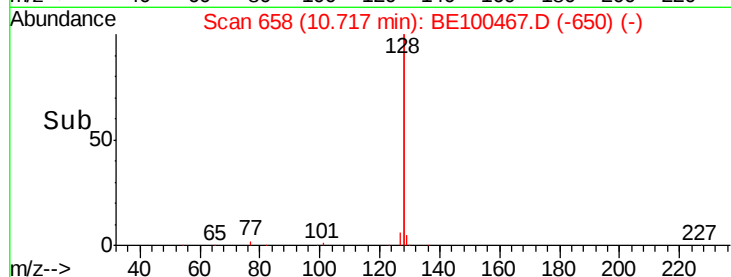
127 3.2 2.6 4.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 3.112 ng

RT: 11.02 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

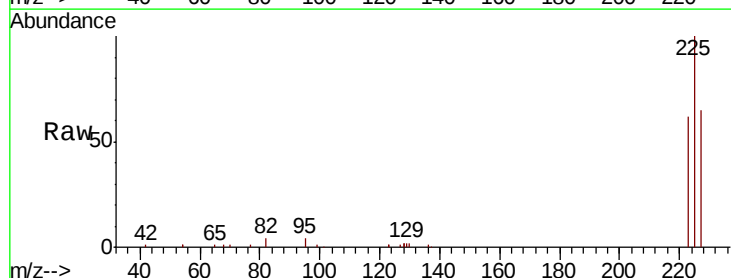
Tgt Ion:225 Resp: 18727

Ion Ratio Lower Upper

225 100

223 62.3 51.7 77.5

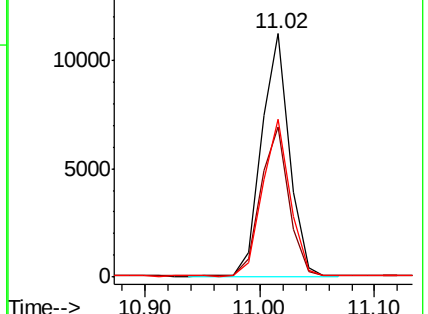
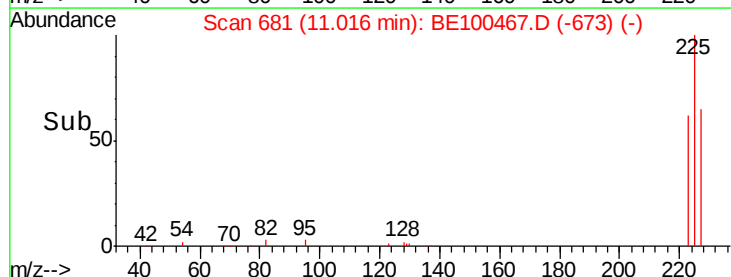
227 63.8 50.9 76.3

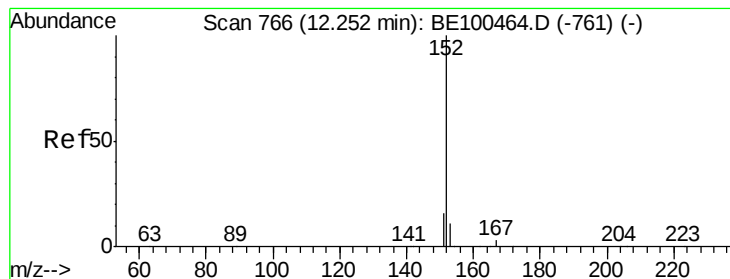


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.561 ng

RT: 12.25 min Scan# 766

Delta R.T. 0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

Instrument :

BNA_E

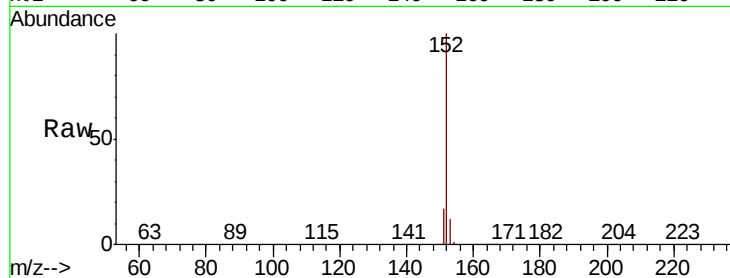
ClientSampleId :

Tot Ion:152 Resp: 68691

Ion Ratio Lower Upper

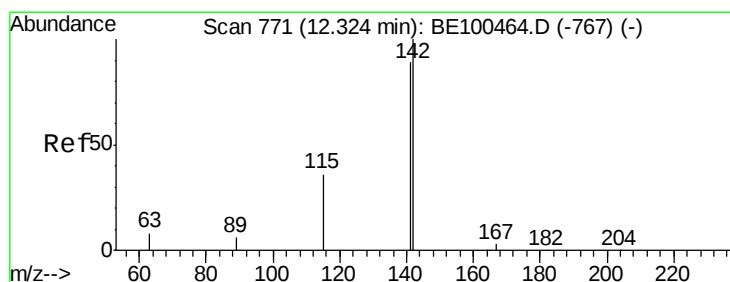
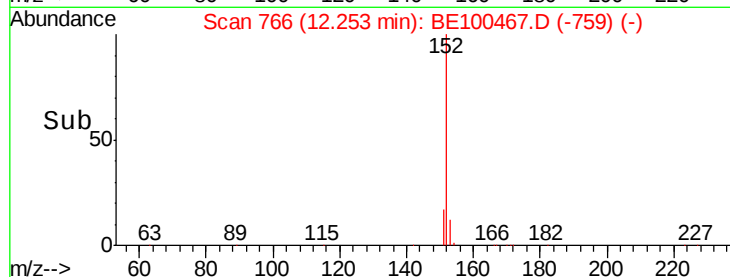
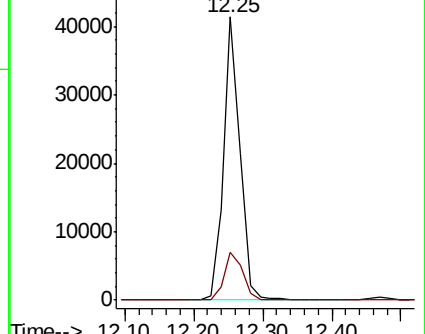
152 100

151 19.1 15.8 23.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.384 ng

RT: 12.33 min Scan# 771

Delta R.T. 0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

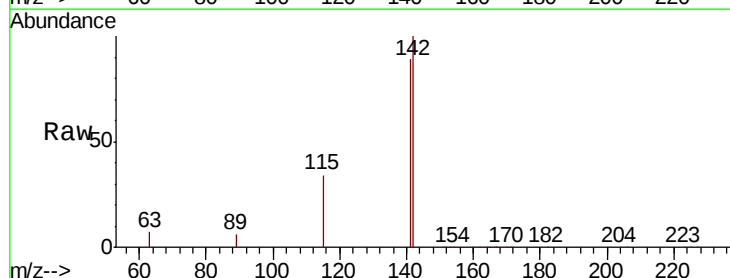
Tgt Ion:142 Resp: 70271

Ion Ratio Lower Upper

142 100

141 88.6 71.7 107.5

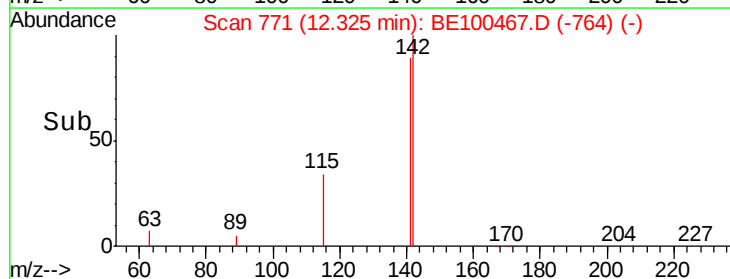
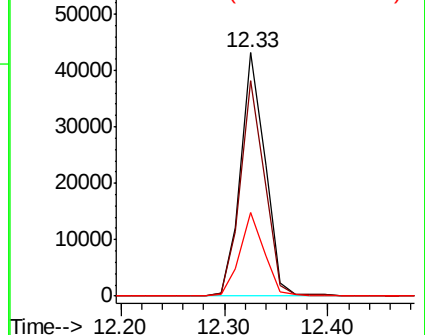
115 34.2 30.4 45.6

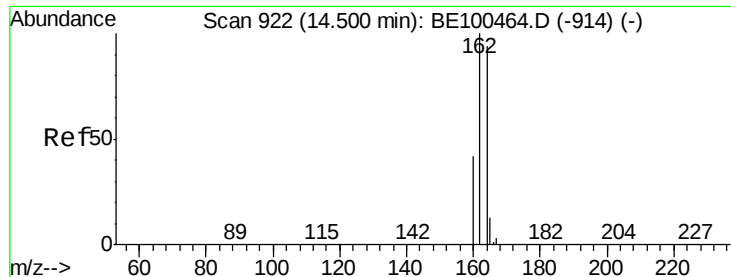


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.50 min Scan# 922

Delta R.T. 0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

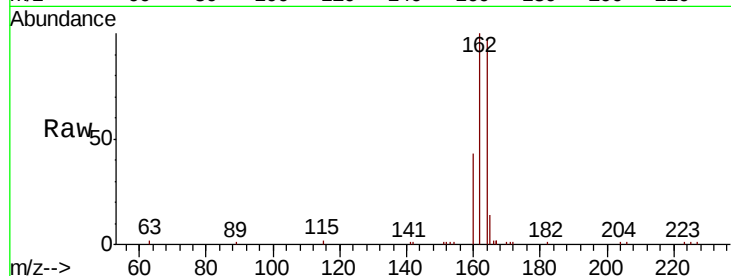
Tot Ion:164 Resp: 8216

Ion Ratio Lower Upper

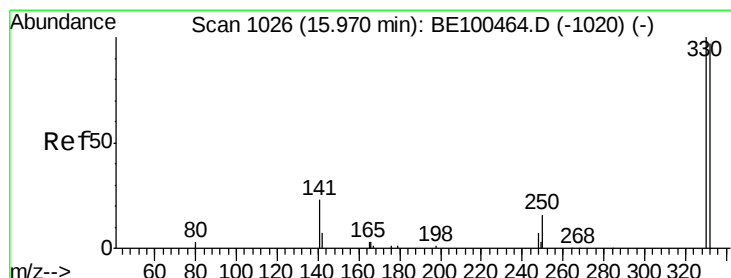
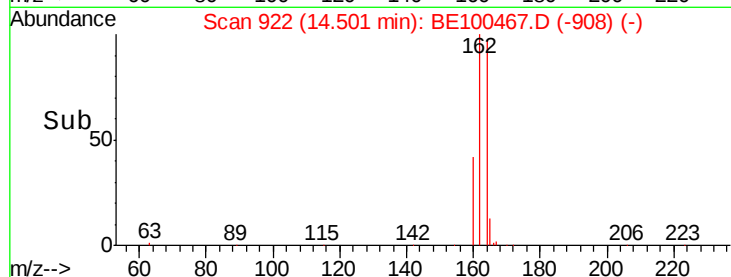
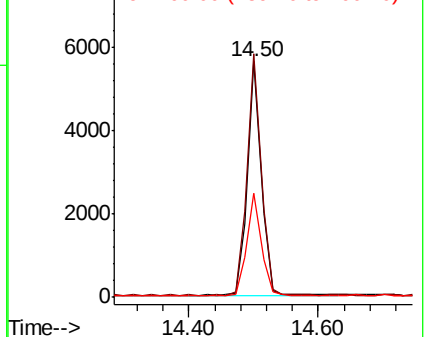
164 100

162 103.2 85.0 127.6

160 44.1 36.2 54.2



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: 6.671 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

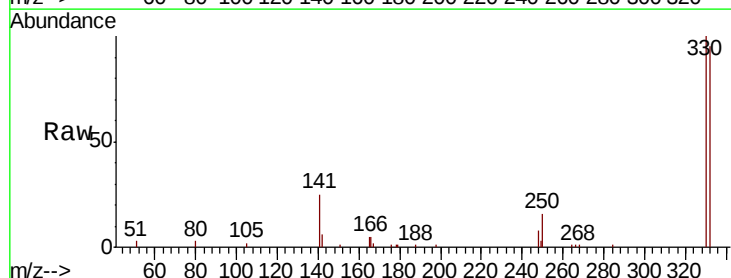
Tgt Ion:330 Resp: 12383

Ion Ratio Lower Upper

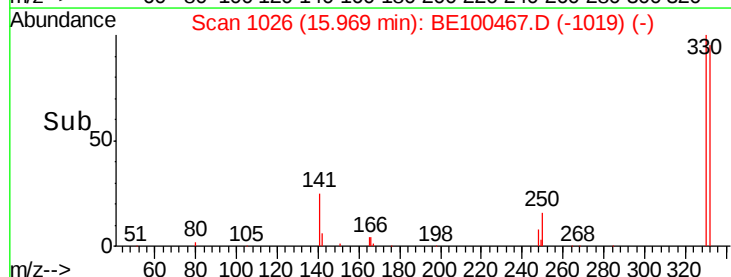
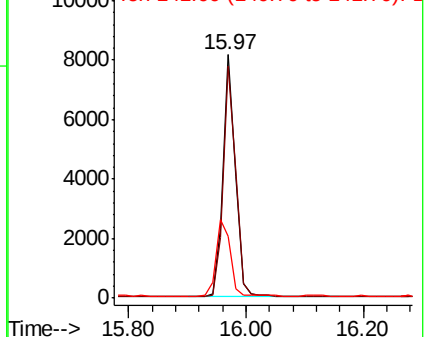
330 100

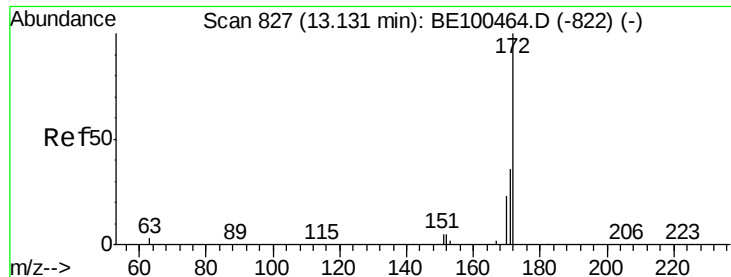
332 96.6 76.3 114.5

141 35.5 29.4 44.2



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

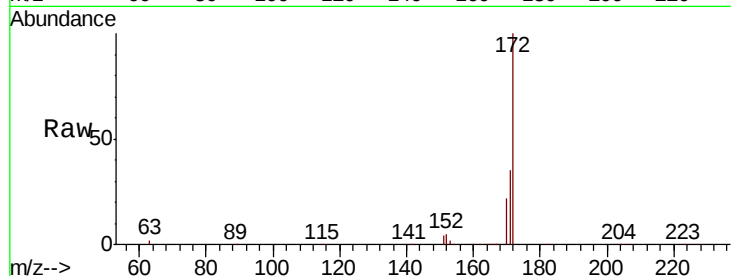




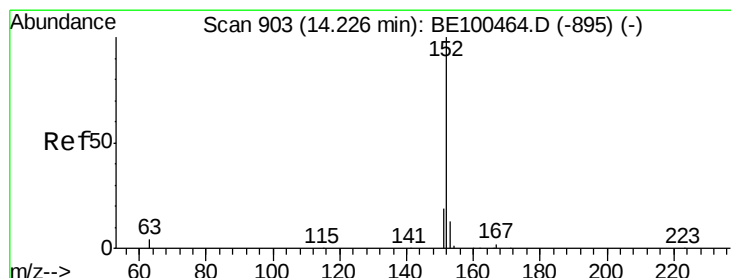
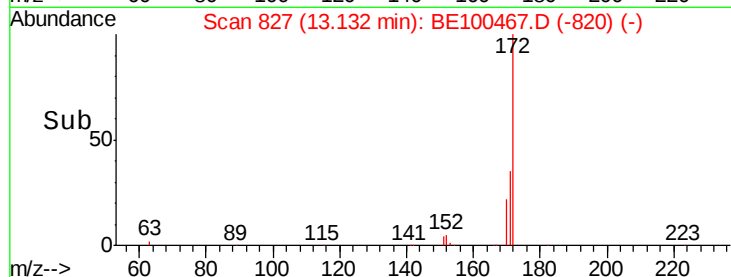
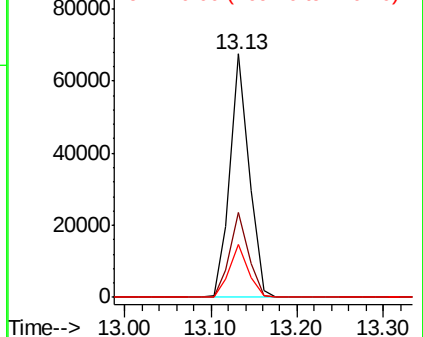
#15
2-Fluorobiphenyl
Concen: 2.816 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 103635
Ion Ratio Lower Upper
172 100
171 34.8 29.2 43.8
170 22.0 18.8 28.2

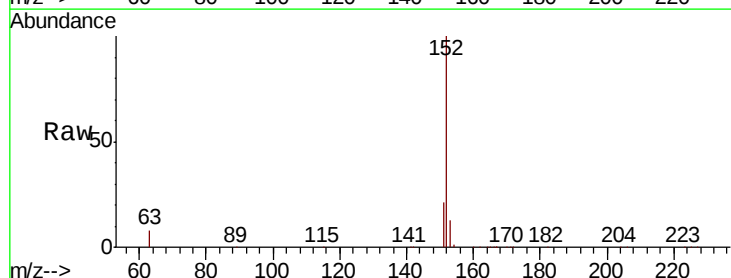


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

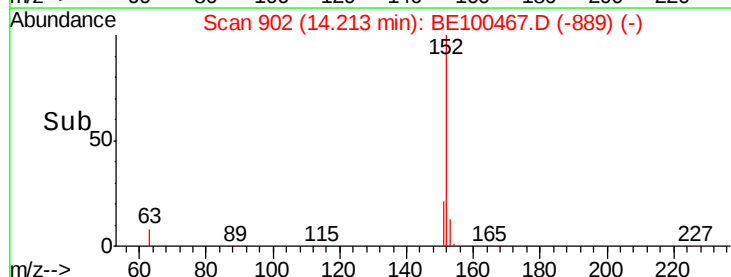
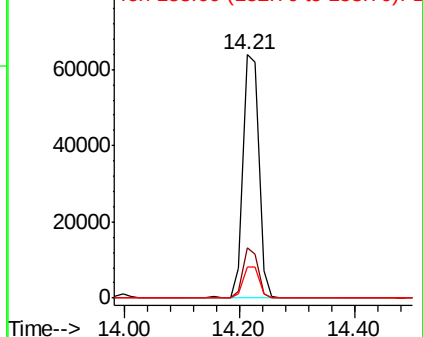


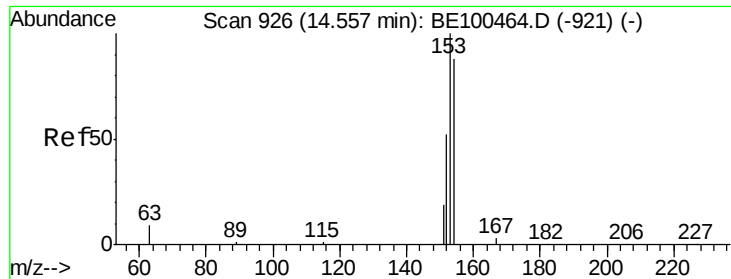
#16
Acenaphthylene
Concen: 3.695 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.01 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion:152 Resp: 122805
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.0 10.6 15.8



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

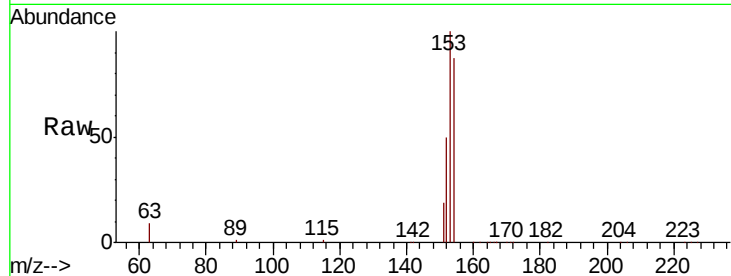




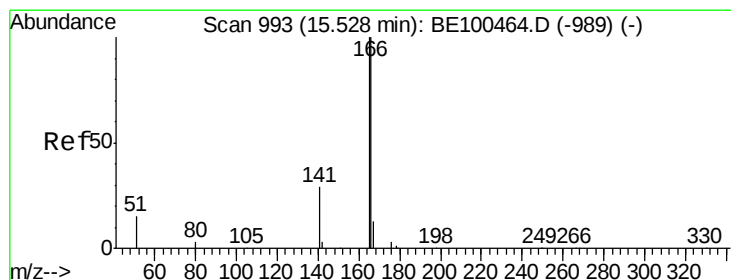
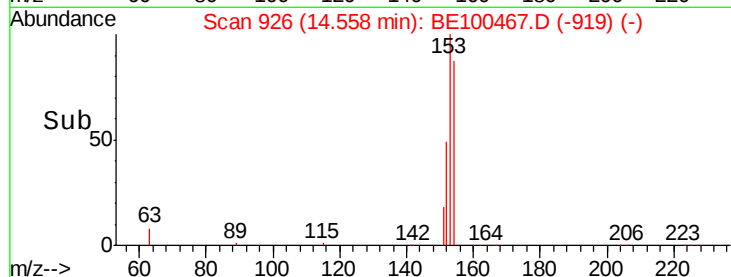
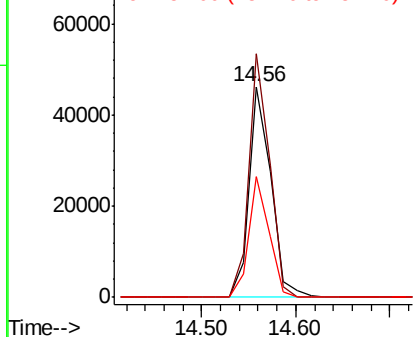
#17
Acenaphthene
Concen: 3.270 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	109.6	89.4	134.2
152	53.3	44.4	66.6

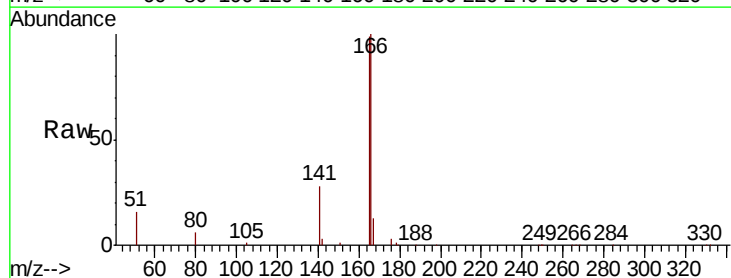


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

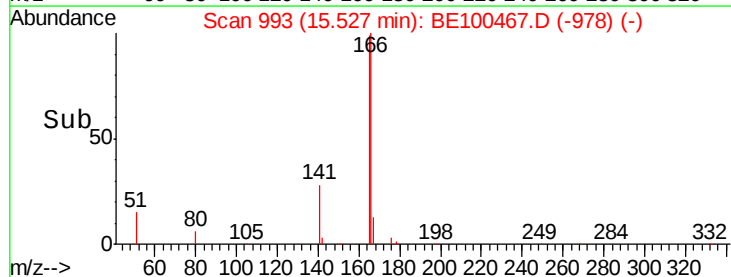
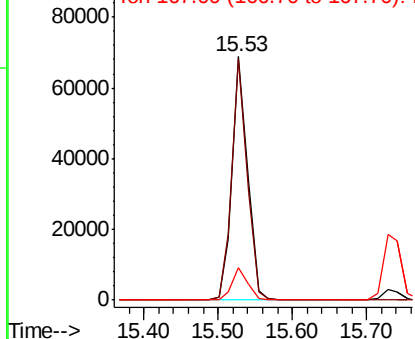


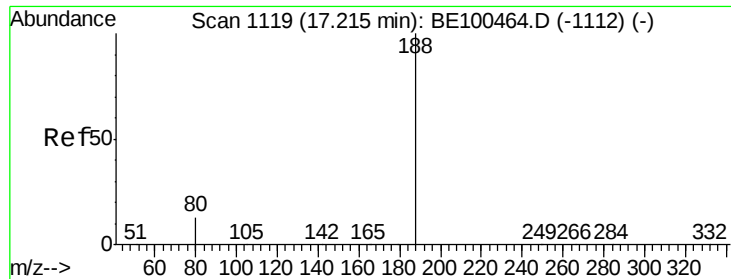
#18
Fluorene
Concen: 3.358 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.8
167	13.3	10.4	15.6



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

Instrument :

BNA_E

ClientSampleId :

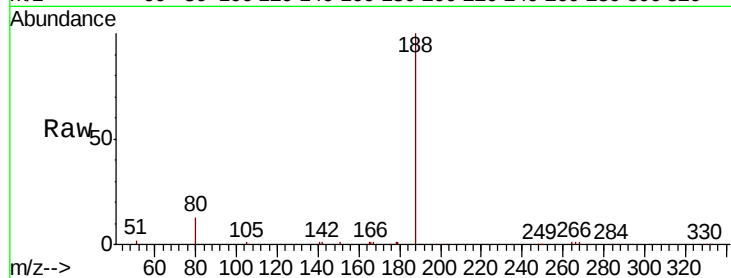
Tot Ion:188 Resp: 20926

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

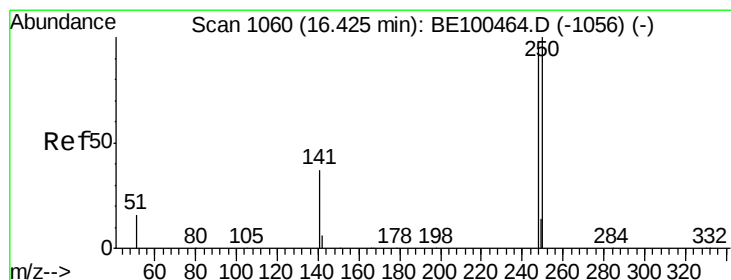
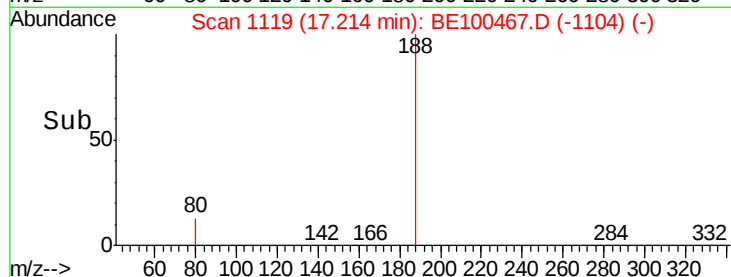
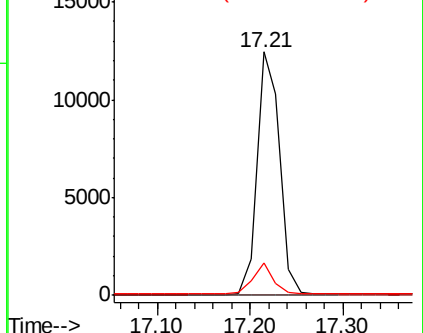
80 13.4 10.7 16.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 3.033 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

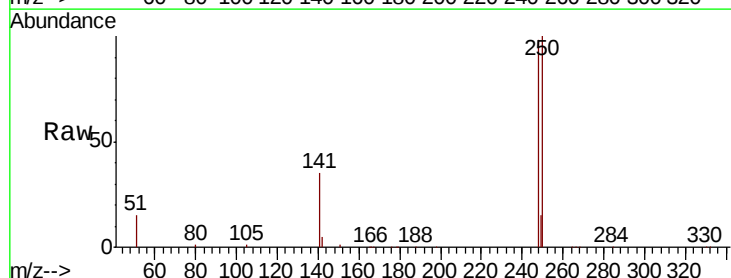
Tgt Ion:248 Resp: 33124

Ion Ratio Lower Upper

248 100

250 102.1 83.9 125.9

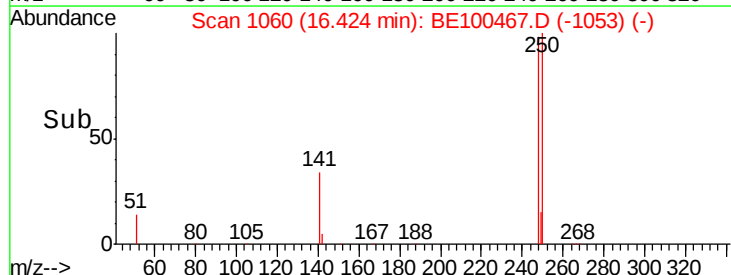
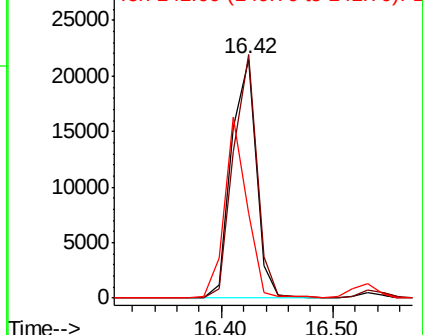
141 35.4 33.7 50.5

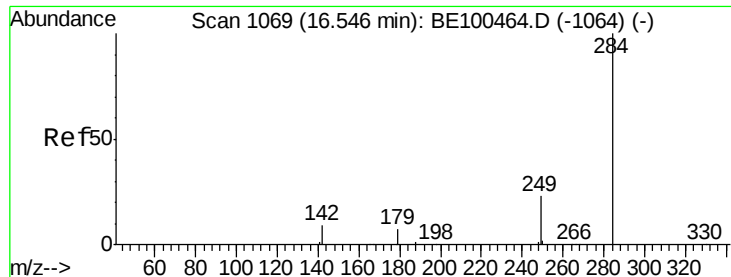


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 2.613 ng

RT: 16.54 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

Instrument :

BNA_E

ClientSampleId :

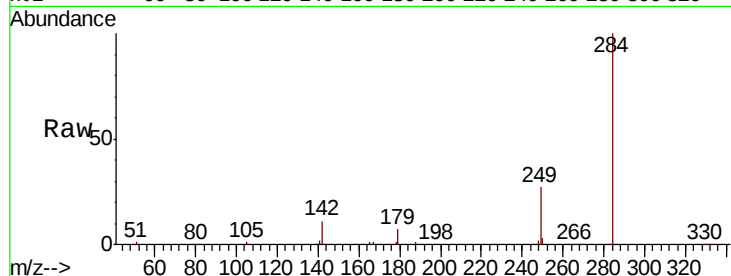
Tot Ion:284 Resp: 33346

Ion Ratio Lower Upper

284 100

142 33.8 27.4 41.2

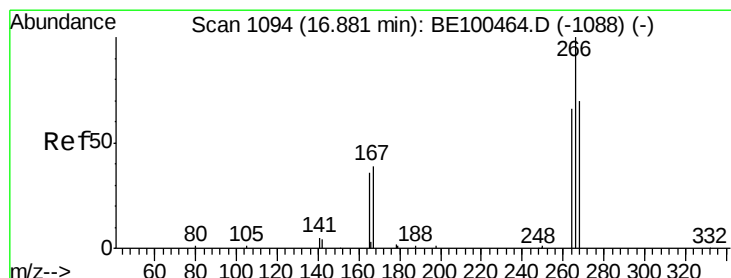
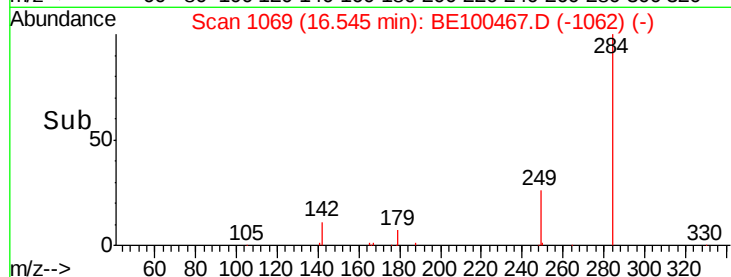
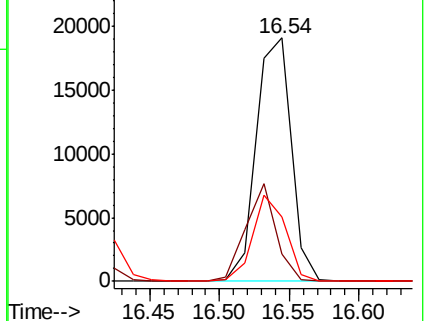
249 32.7 25.1 37.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 7.317 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

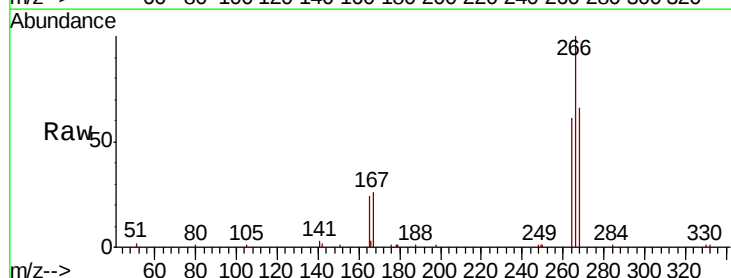
Tgt Ion:266 Resp: 16303

Ion Ratio Lower Upper

266 100

264 60.8 55.5 83.3

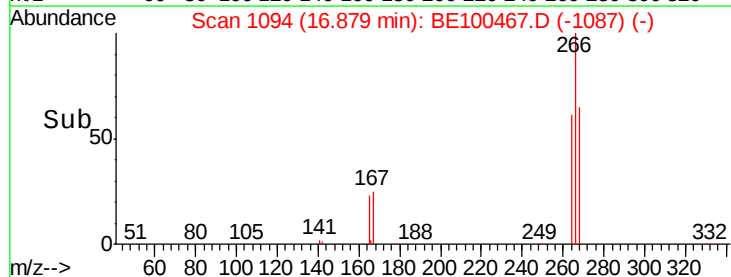
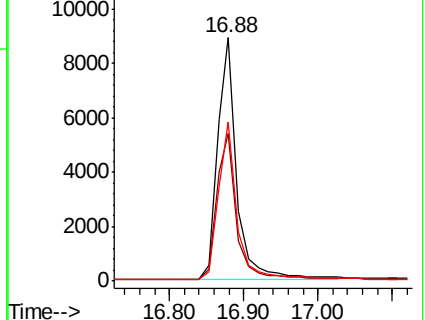
268 65.5 59.2 88.8

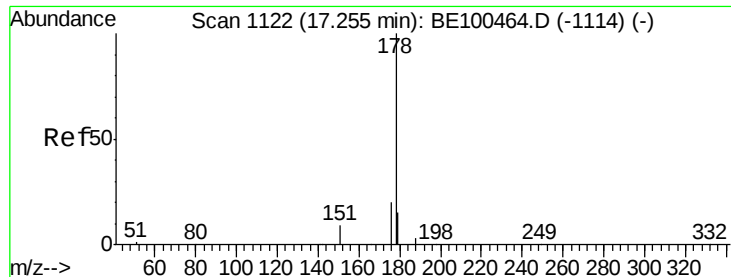


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.086 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

Instrument :

BNA_E

ClientSampled :

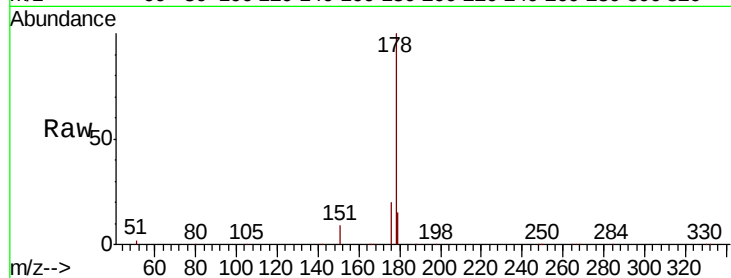
Tot Ion:178 Resp: 172058

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

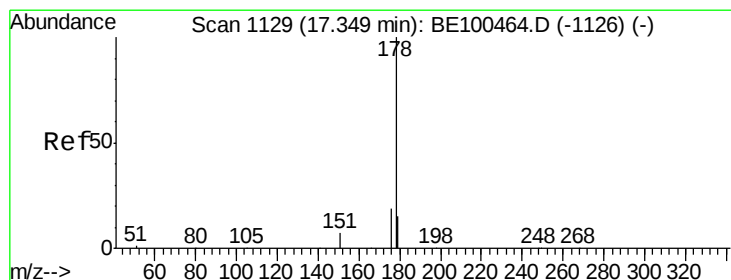
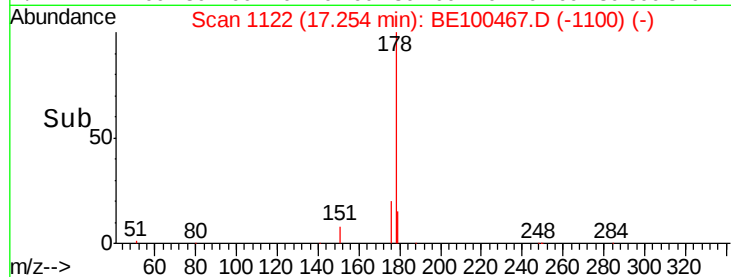
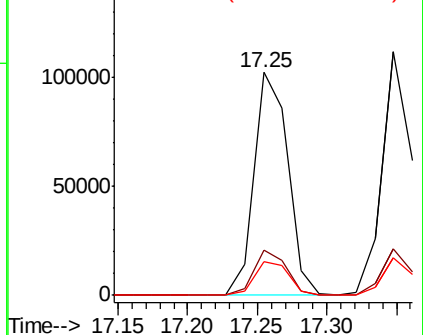
179 15.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 3.602 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

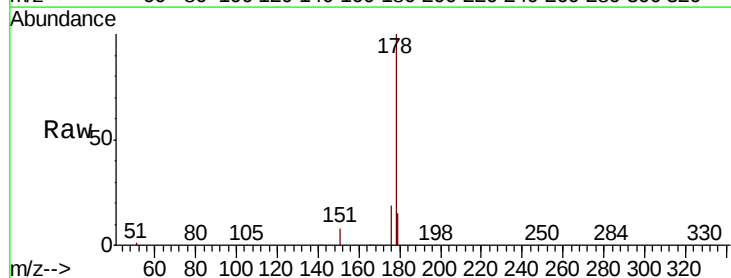
Tgt Ion:178 Resp: 165742

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

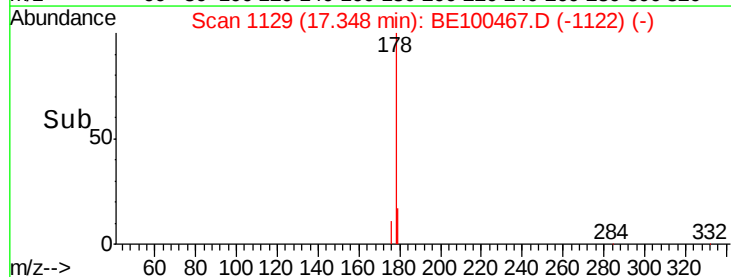
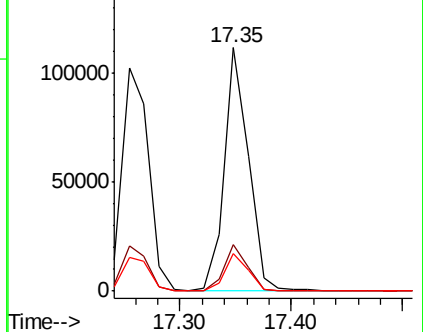
179 15.2 12.2 18.2

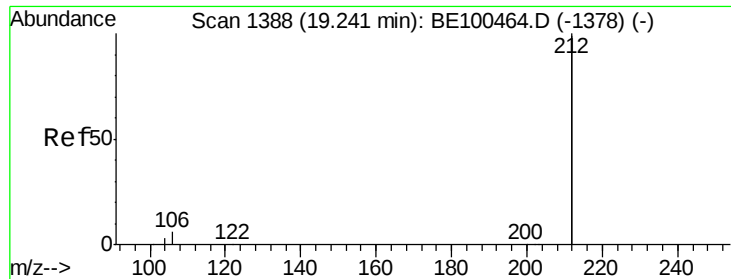


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.796 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

Instrument :

BNA_E

ClientSampleId :

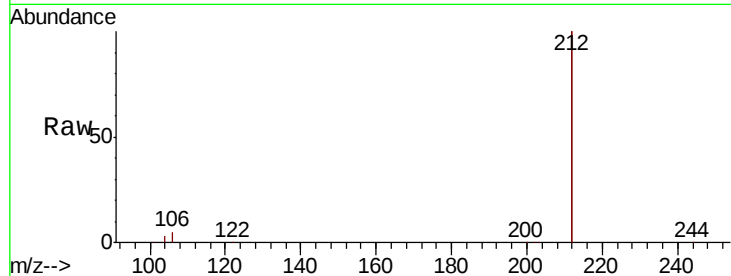
Tot Ion:212 Resp: 946470

Ion Ratio Lower Upper

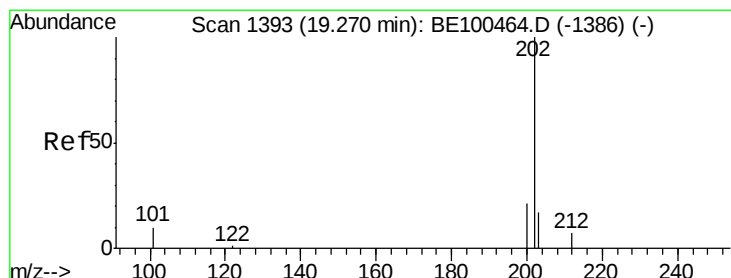
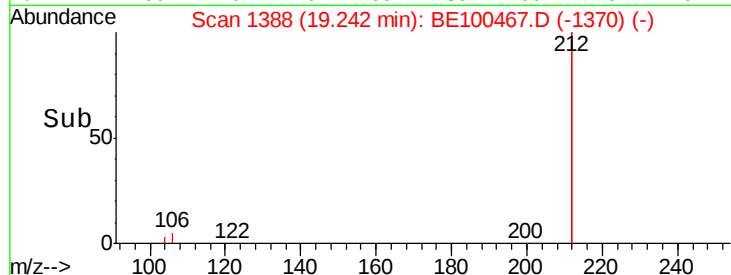
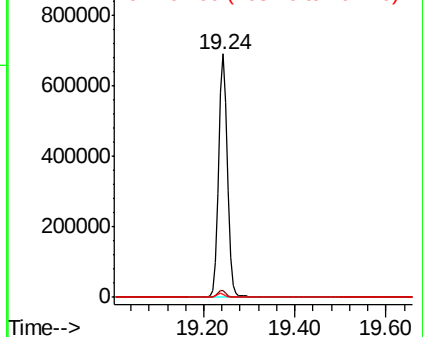
212 100

106 2.8 2.2 3.2

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: 3.395 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

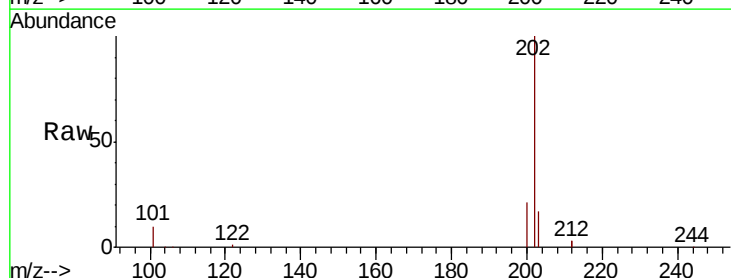
Tgt Ion:202 Resp: 240553

Ion Ratio Lower Upper

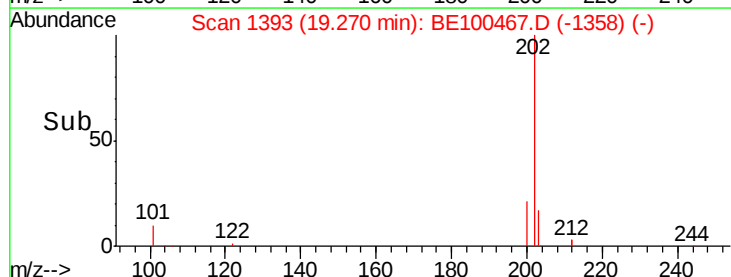
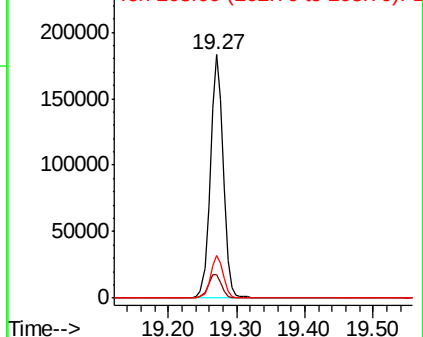
202 100

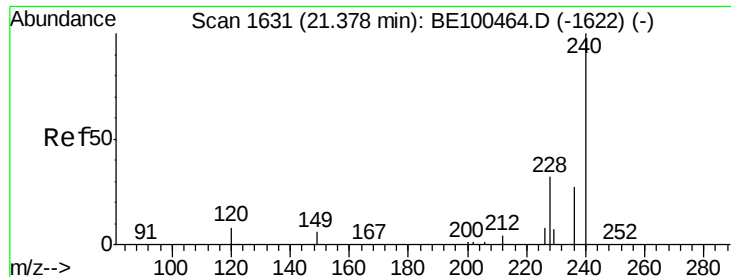
101 10.2 8.3 12.5

203 17.5 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

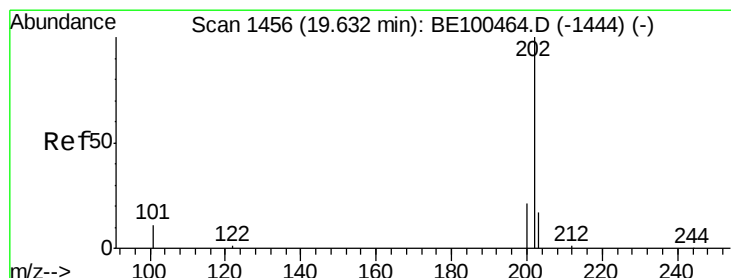
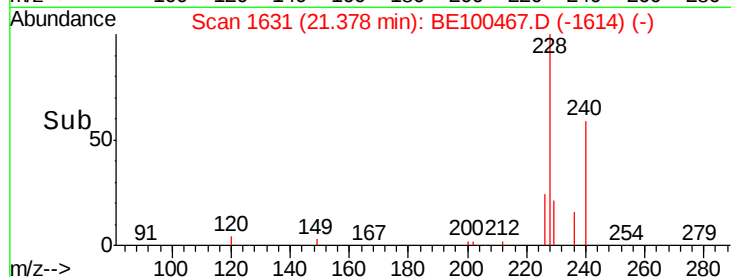
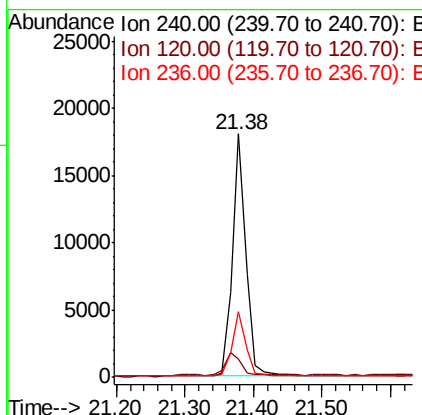
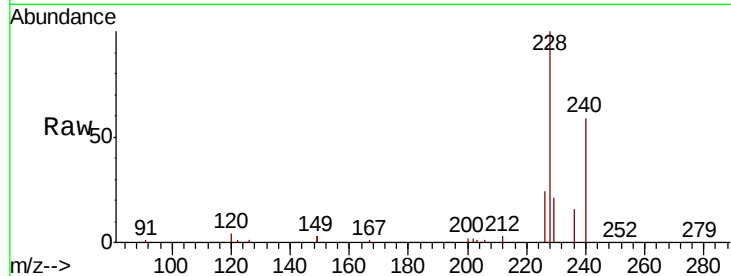




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

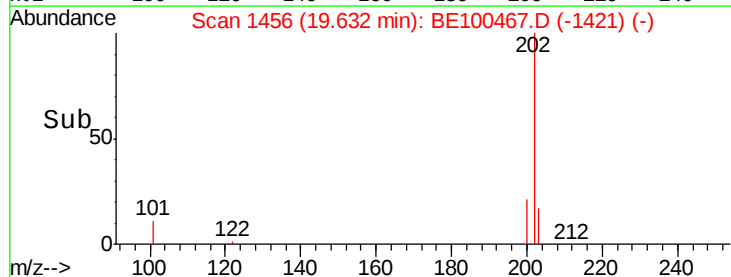
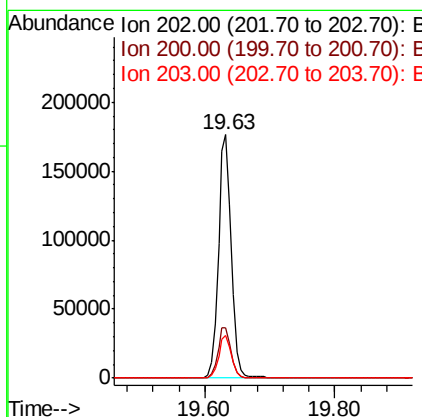
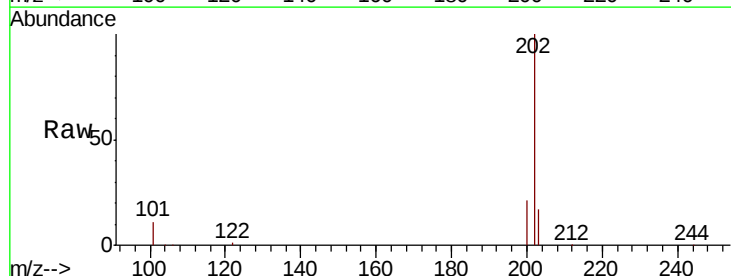
Instrument :
BNA_E
ClientSampleId :

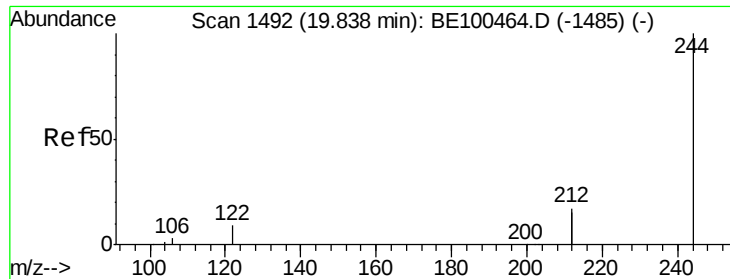
Tot Ion:240 Resp: 24610
Ion Ratio Lower Upper
240 100
120 7.5 7.1 10.7
236 27.0 21.7 32.5



#28
Pyrene
Concen: 3.413 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion:202 Resp: 245722
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.6 13.8 20.8





#29

Terphenyl-d14

Concen: 3.186 ng

RT: 19.84 min Scan# 1492

Delta R.T. 0.00 min

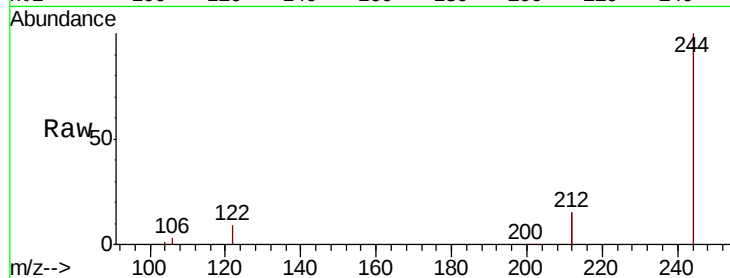
Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

Instrument :

BNA_E

ClientSampleId :



Tot Ion:244 Resp: 192142

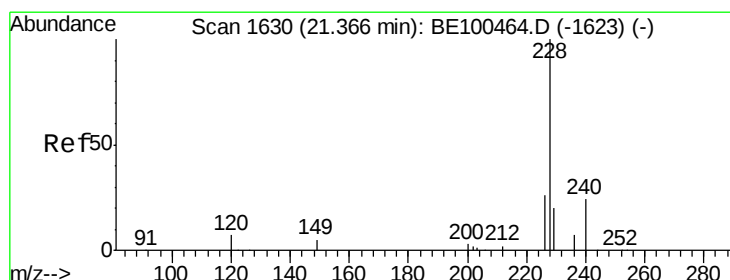
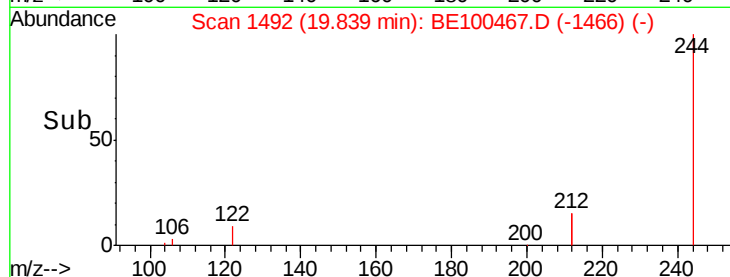
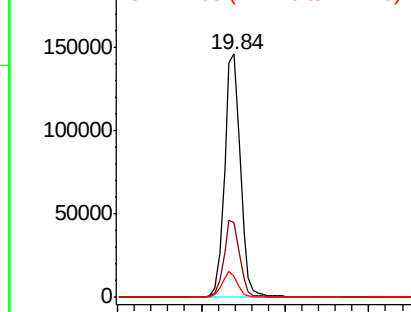
Ion Ratio Lower Upper

244 100

212 30.9 26.6 40.0

122 8.6 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: 3.697 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

Tgt Ion:228 Resp: 246960

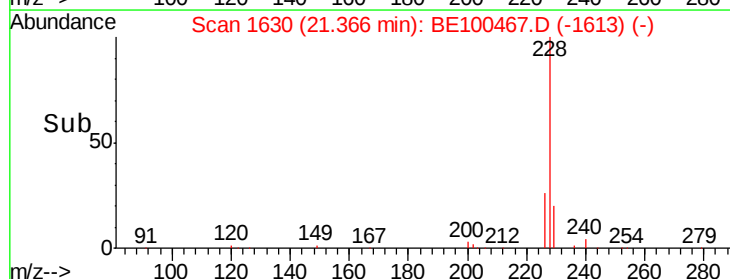
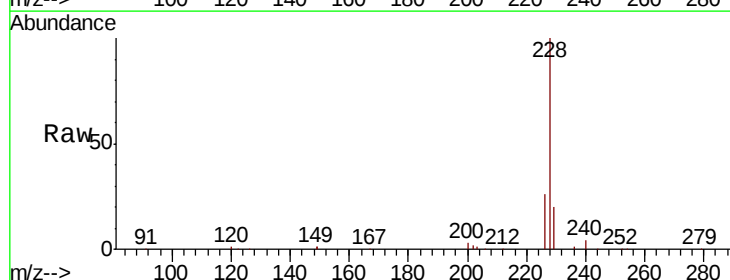
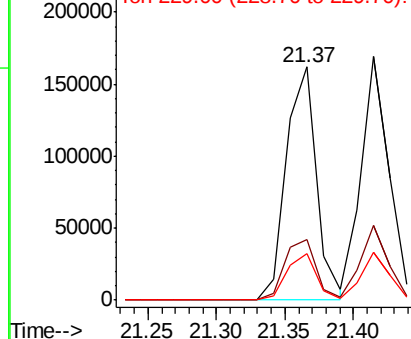
Ion Ratio Lower Upper

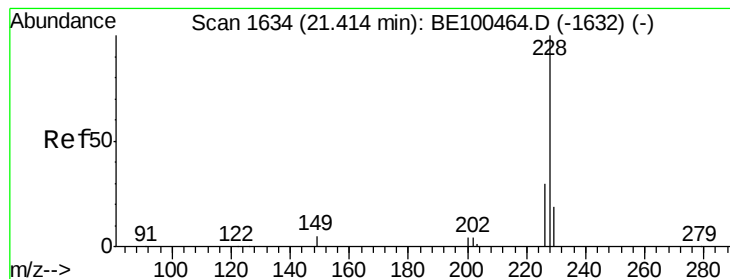
228 100

226 26.3 21.3 31.9

229 19.8 16.6 25.0

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: 3.007 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

Instrument :

BNA_E

ClientSampleId :

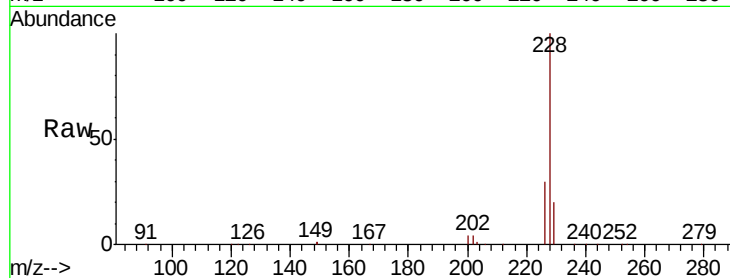
Tot Ion:228 Resp: 238529

Ion Ratio Lower Upper

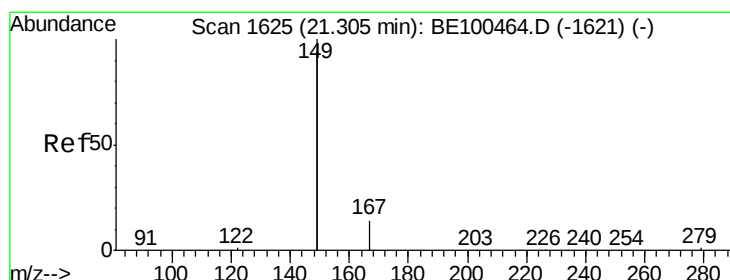
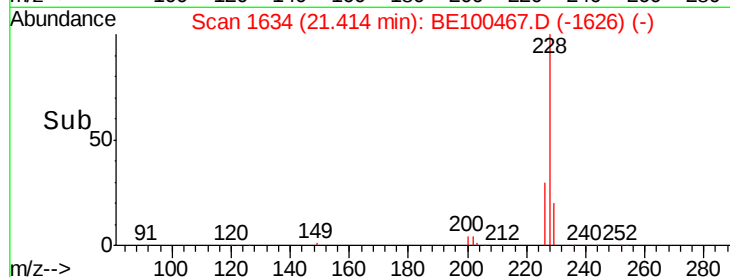
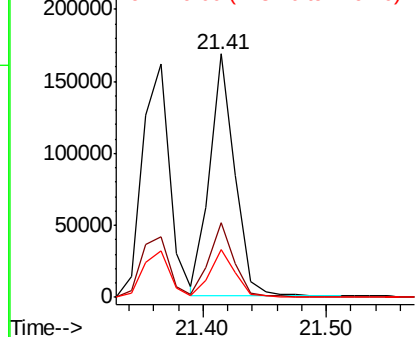
228 100

226 30.5 24.5 36.7

229 19.7 16.0 24.0



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: 10.751 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

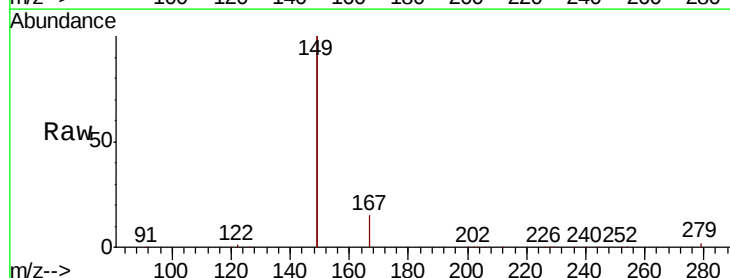
Tgt Ion:149 Resp: 515046

Ion Ratio Lower Upper

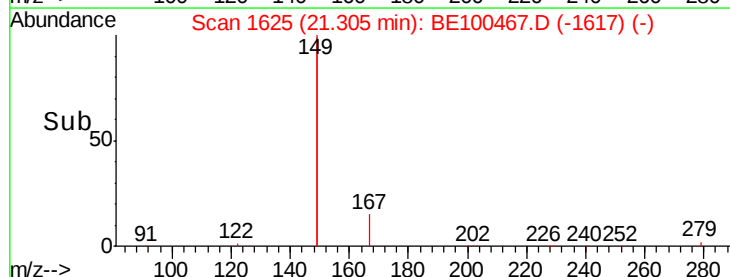
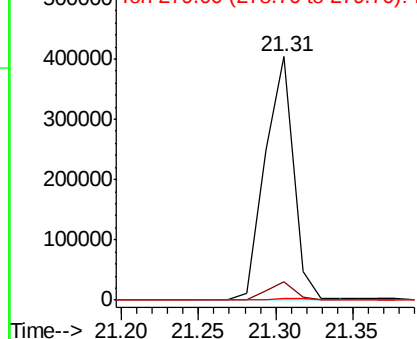
149 100

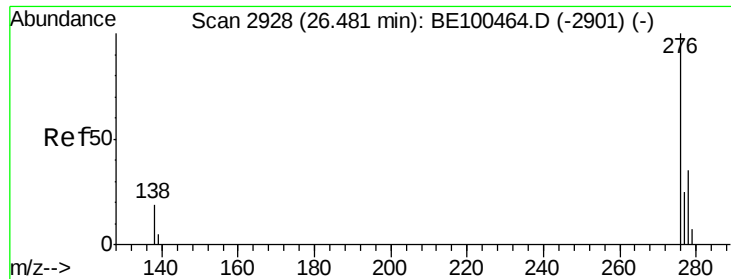
167 7.2 5.8 8.6

279 0.9 0.8 1.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

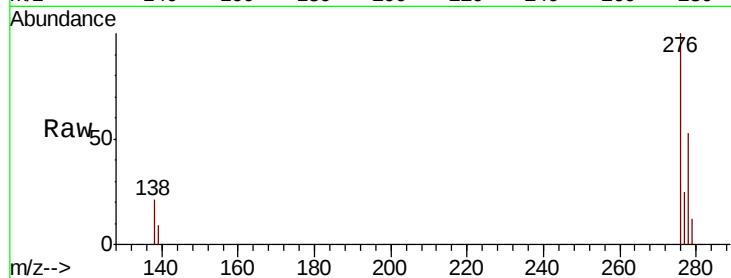




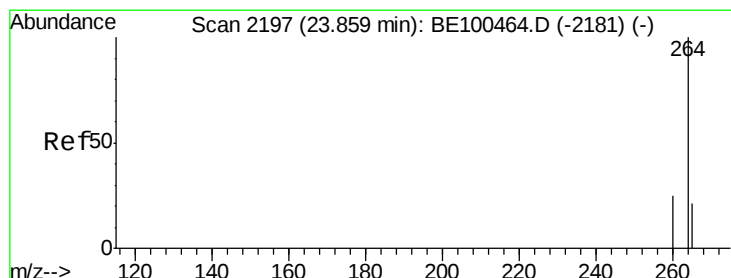
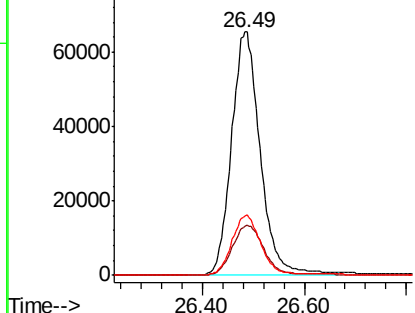
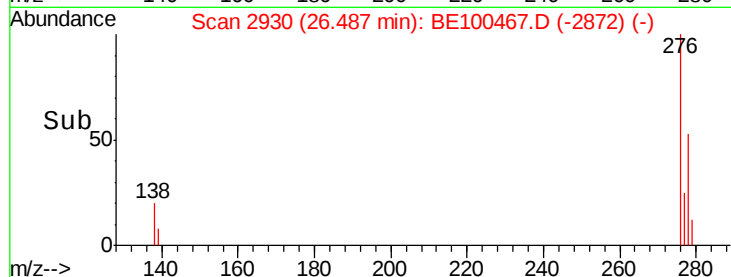
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.613 ng
RT: 26.49 min Scan# 2930
Delta R.T. 0.01 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 254780
Ion Ratio Lower Upper
276 100
138 22.3 17.4 26.0
277 24.9 19.4 29.0

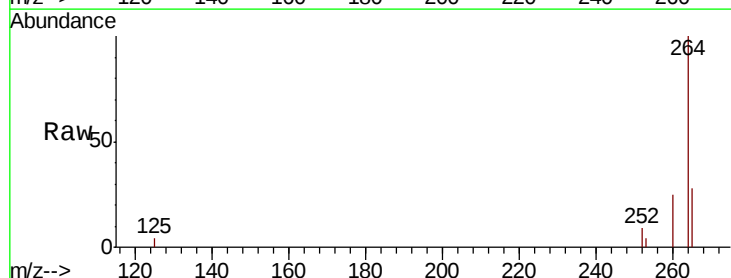


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

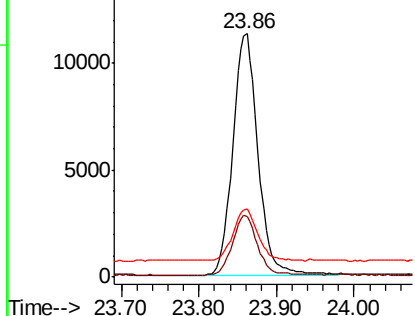
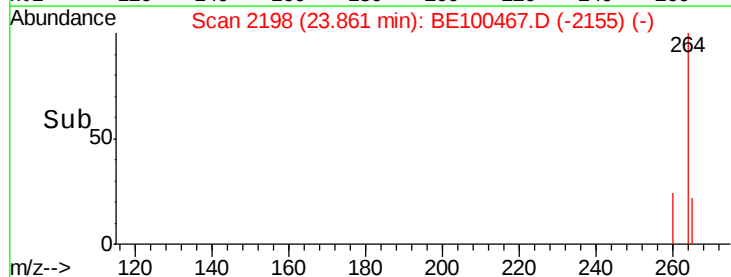


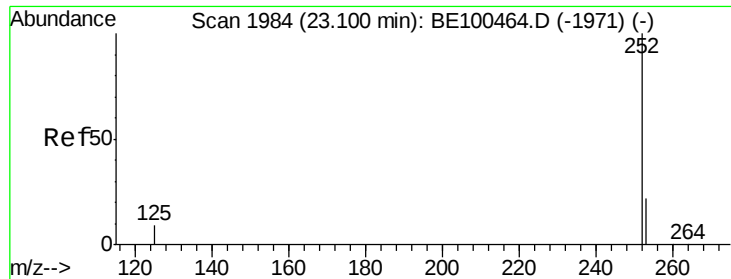
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion:264 Resp: 25329
Ion Ratio Lower Upper
264 100
260 25.1 20.7 31.1
265 28.1 23.4 35.0



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: 3.050 ng

RT: 23.15 min Scan# 1998

Delta R.T. 0.05 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

Instrument :

BNA_E

ClientSampleId :

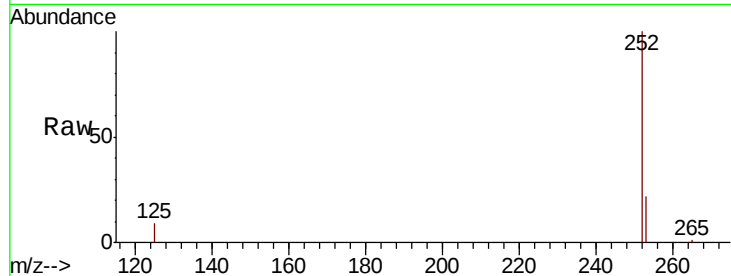
Tot Ion:252 Resp: 236026

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

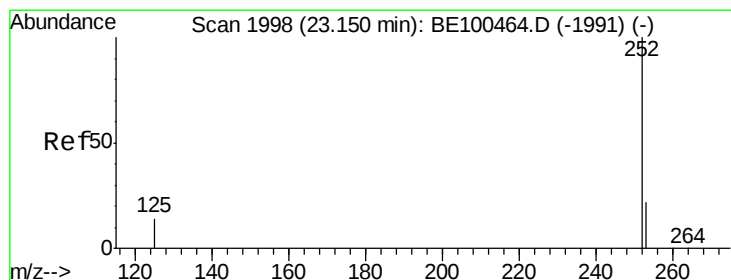
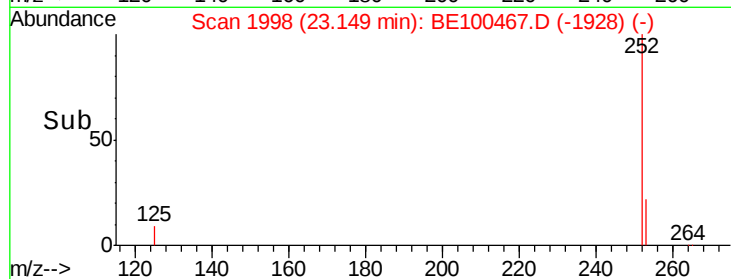
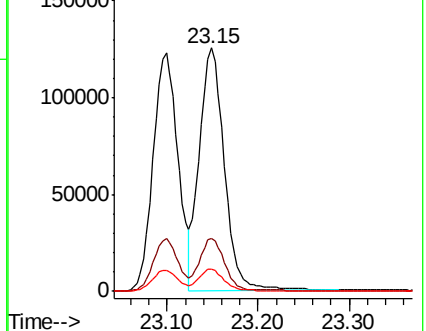
125 9.0 9.0 13.4



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: 2.929 ng

RT: 23.15 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

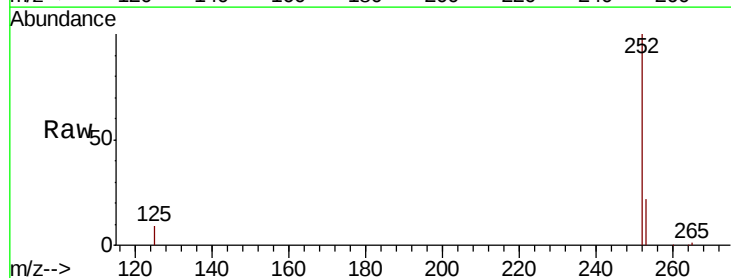
Tgt Ion:252 Resp: 239859

Ion Ratio Lower Upper

252 100

253 21.9 19.0 28.4

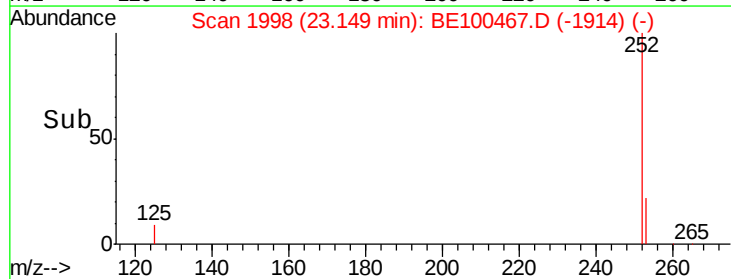
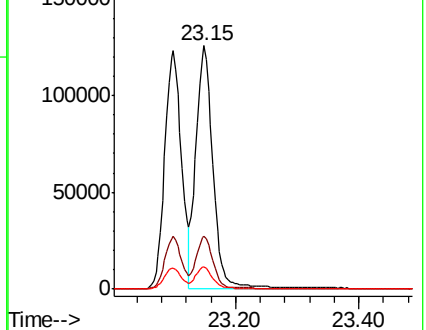
125 9.0 11.8 17.8#

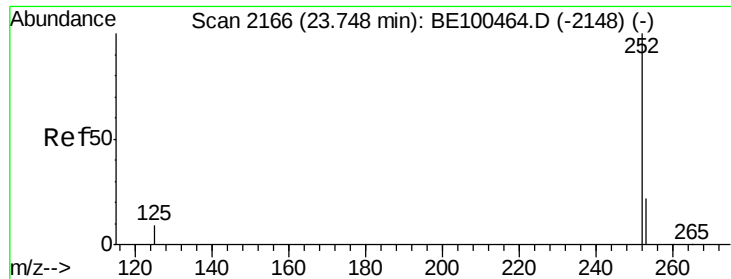


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 3.456 ng

RT: 23.74 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

Instrument :

BNA_E

ClientSampleId :

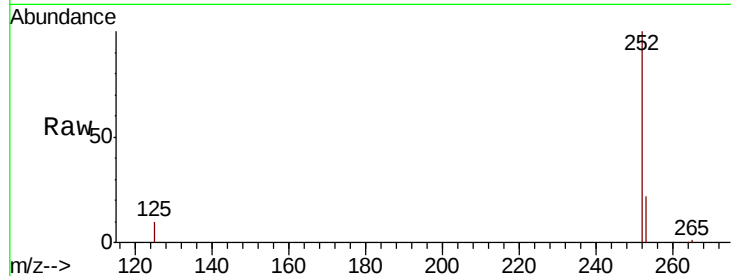
Tot Ion:252 Resp: 219897

Ion Ratio Lower Upper

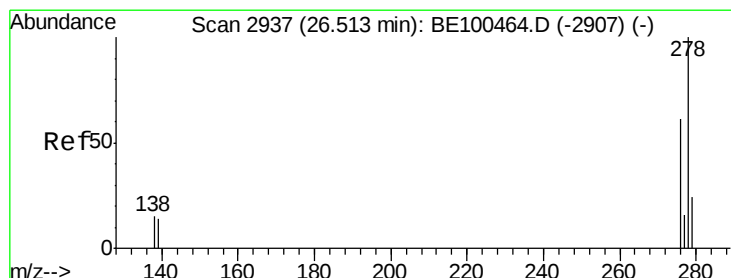
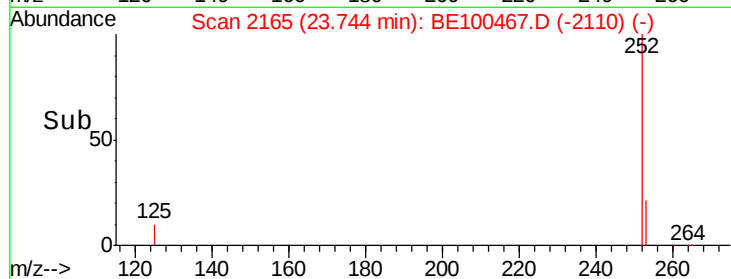
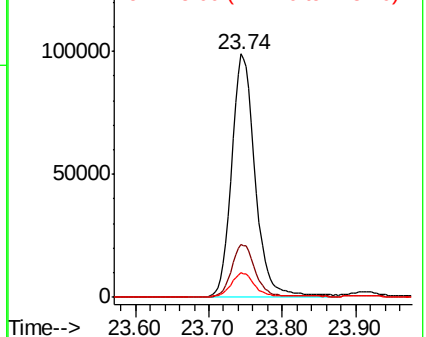
252 100

253 21.7 19.1 28.7

125 10.1 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 3.074 ng

RT: 26.51 min Scan# 2936

Delta R.T. -0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

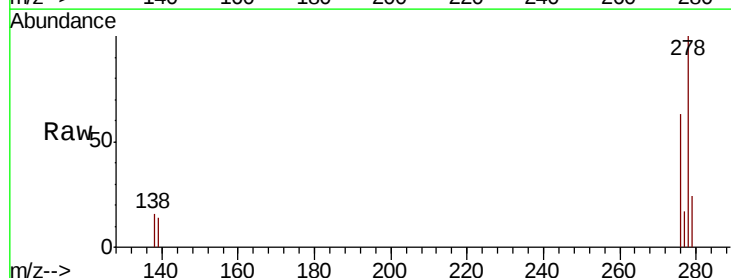
Tgt Ion:278 Resp: 208583

Ion Ratio Lower Upper

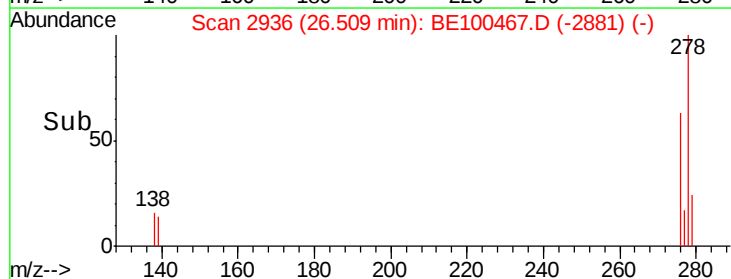
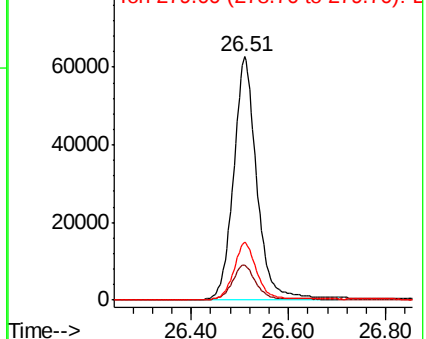
278 100

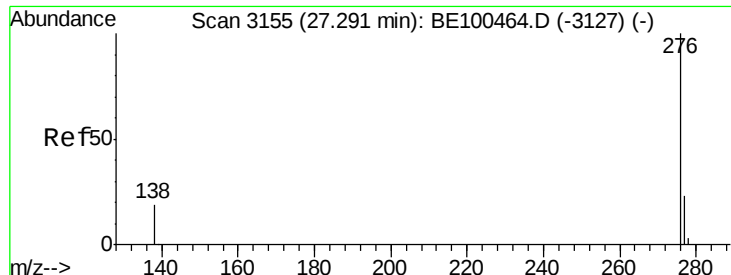
139 14.3 13.0 19.6

279 23.9 20.4 30.6



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(a,h,i)perylene

Concen: 2.947 ng

RT: 27.29 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BE100467.D

Acq: 19 Jul 2019 12:26

Instrument :

BNA_E

ClientSampleId :

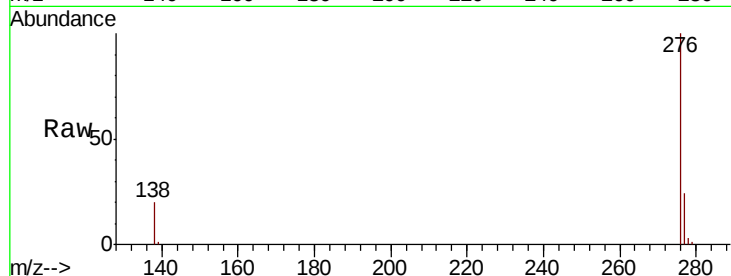
Tot Ion: 276 Resp: 209133

Ion Ratio Lower Upper

276 100

277 24.0 19.9 29.9

138 19.6 16.7 25.1



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

