

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
 Data File : BE100667.D
 Acq On : 23 Oct 2019 18:29
 Operator : JU
 Sample : PB124193BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 24 01:34:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 16:49:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3613	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	14581	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	8325	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	19353	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	26290	0.40	ng	0.00
34) Perylene-d12	23.83	264	36270	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	2544	0.23	ng	0.00
5) Phenol-d6	7.01	99	2574	0.16	ng	0.00
8) Nitrobenzene-d5	8.99	82	4088	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	11993	0.52	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1067	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	11321	0.37	ng	0.00
25) Fluoranthene-d10	19.22	212	96572	0.39	ng	0.00
29) Terphenyl-d14	19.82	244	22891	0.40	ng	0.00

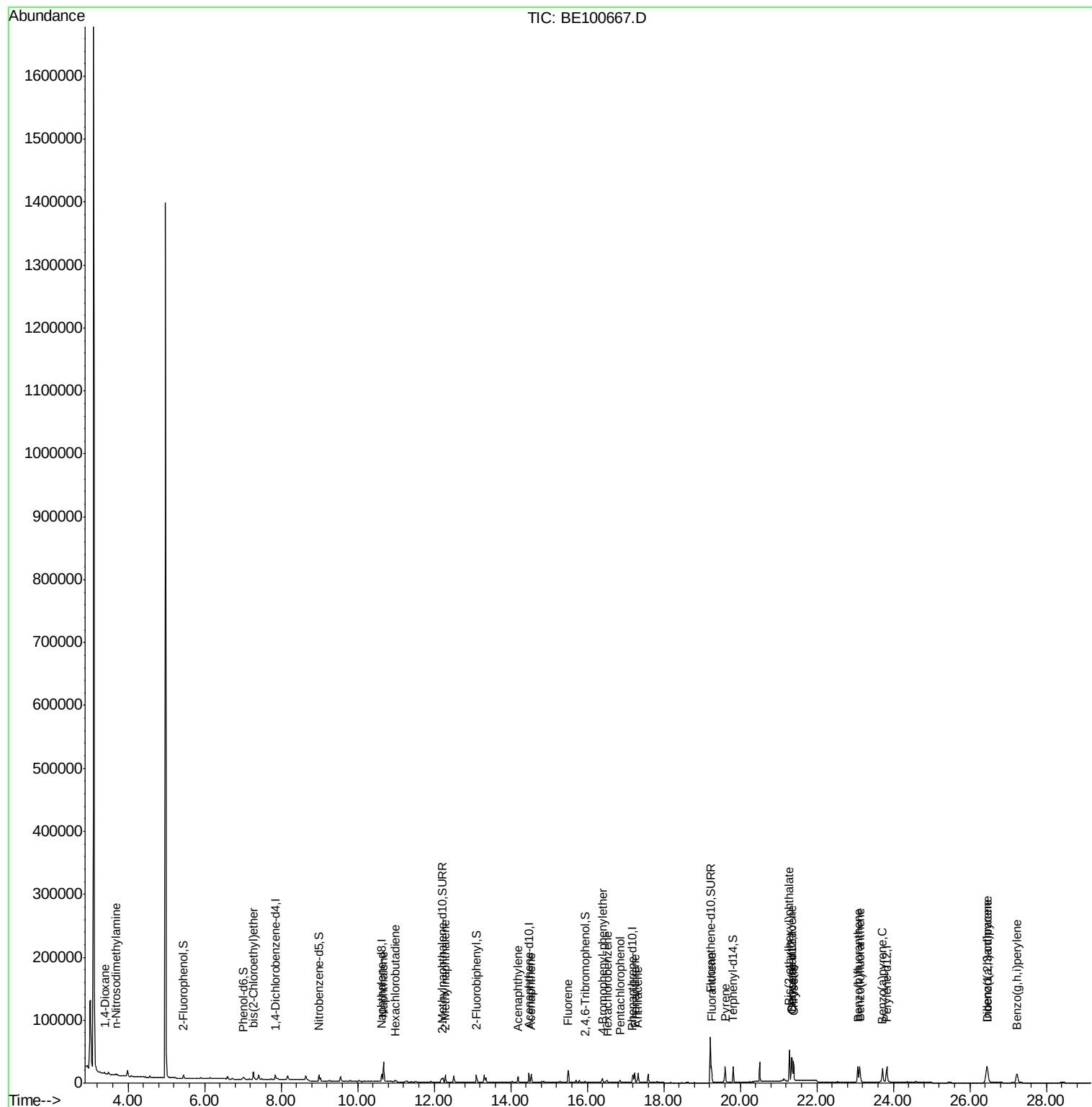
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	1484	0.230	ng	# 50
3) n-Nitrosodimethylamine	3.69	42	1713	0.251	ng	# 89
6) bis(2-Chloroethyl)ether	7.28	93	4364	0.338	ng	97
9) Naphthalene	10.68	128	50043	0.326	ng	100
10) Hexachlorobutadiene	10.98	225	1645	0.247	ng	98
12) 2-Methylnaphthalene	12.29	142	8025	0.307	ng	97
16) Acenaphthylene	14.20	152	12343	0.345	ng	99
17) Acenaphthene	14.53	154	7485	0.323	ng	98
18) Fluorene	15.50	166	10360	0.337	ng	98
20) 4-Bromophenyl-phenylether	16.40	248	3300	0.335	ng	93
21) Hexachlorobenzene	16.52	284	2709	0.289	ng	98
22) Pentachlorophenol	16.85	266	1985	0.657	ng	97
23) Phenanthrene	17.24	178	18930	0.356	ng	100
24) Anthracene	17.32	178	16538	0.335	ng	100
26) Fluoranthene	19.25	202	24123	0.347	ng	99
28) Pyrene	19.61	202	25064	0.341	ng	99
30) Benzo(a)anthracene	21.34	228	28834	0.336	ng	99
31) Chrysene	21.39	228	29935	0.349	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	70719	0.394	ng	100
33) Indeno(1,2,3-cd)pyrene	26.44	276	43436	0.412	ng	99
35) Benzo(b)fluoranthene	23.07	252	35213	0.333	ng	100
36) Benzo(k)fluoranthene	23.12	252	37038	0.341	ng	# 95
37) Benzo(a)pyrene	23.72	252	35246	0.358	ng	99
38) Dibenzo(a,h)anthracene	26.46	278	36218	0.356	ng	99
39) Benzo(g,h,i)perylene	27.23	276	37486	0.366	ng	99

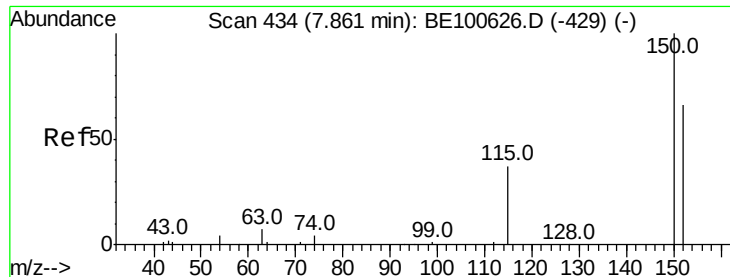
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. 0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

ClientSampleId :

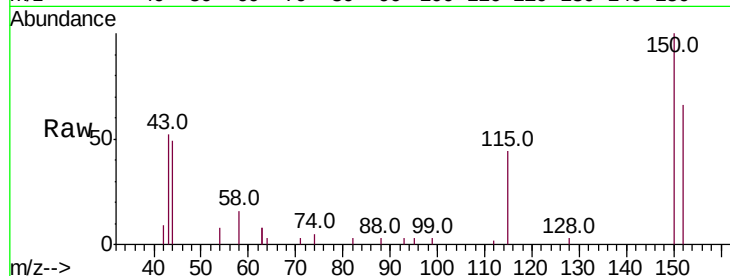
Tot Ion:152 Resp: 3613

Ion Ratio Lower Upper

152 100

150 152.0 123.3 184.9

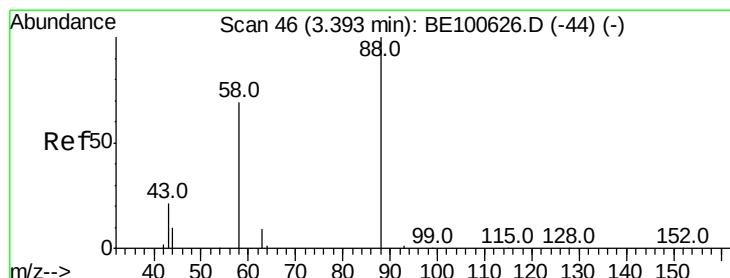
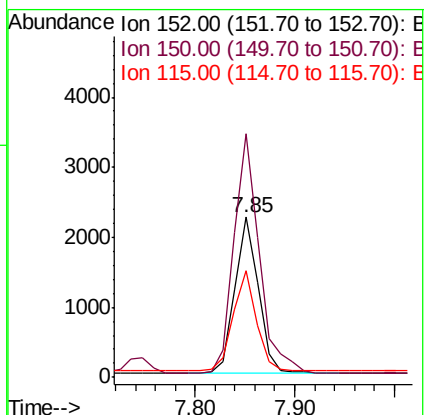
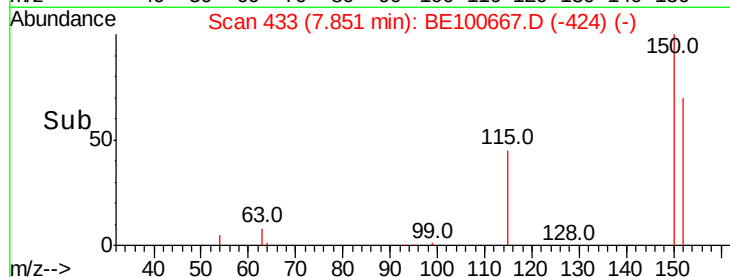
115 66.5 51.9 77.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.230 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

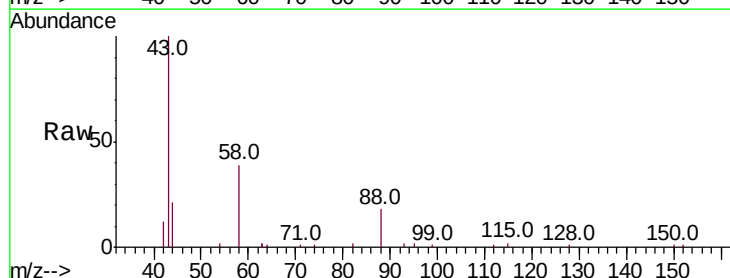
Tgt Ion: 88 Resp: 1484

Ion Ratio Lower Upper

88 100

58 114.8 59.8 89.6#

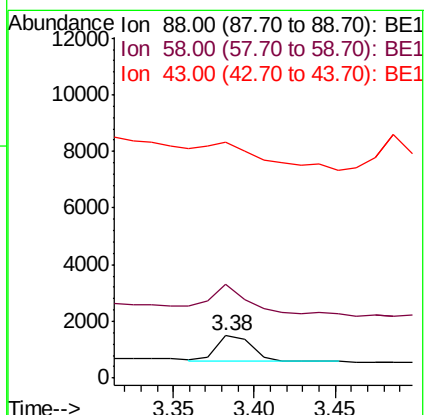
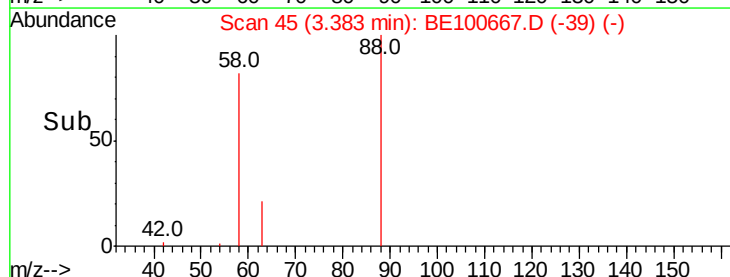
43 0.0 24.6 36.8#

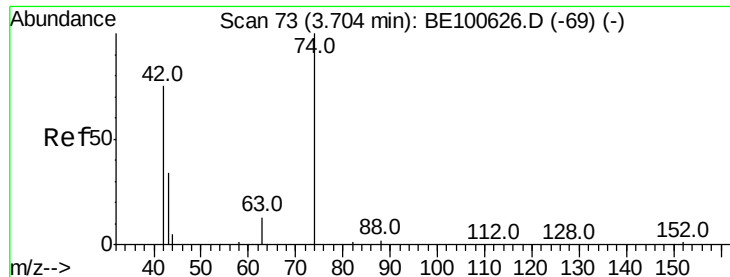


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1



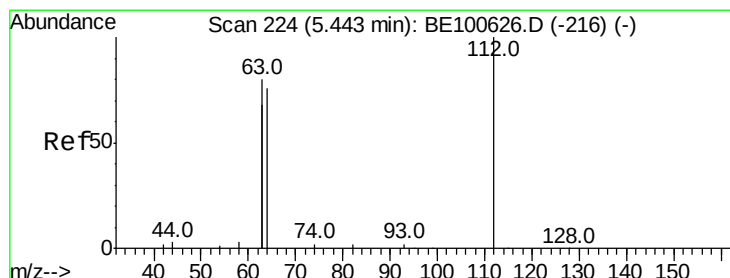
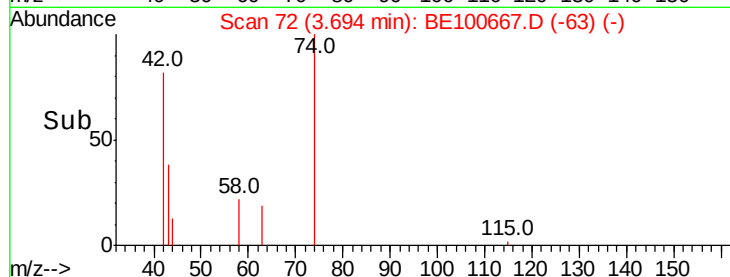
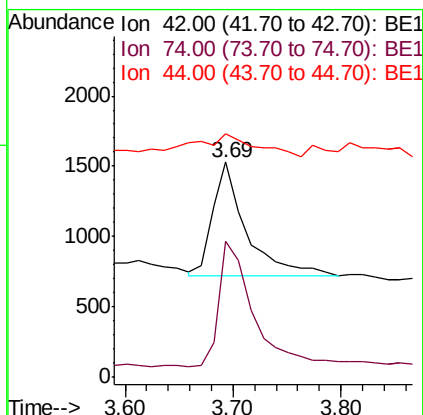
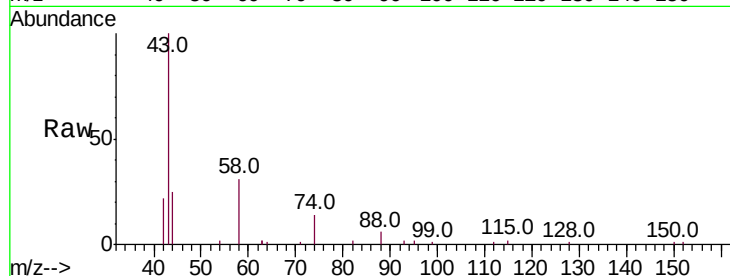


#3

n-Nitrosodimethylamine
 Concen: 0.251 ng
 RT: 3.69 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE100667.D
 Acq: 23 Oct 2019 18:29

Instrument :
 BNA_E
 ClientSampled :

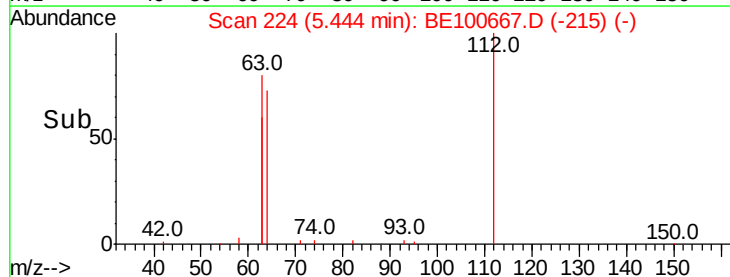
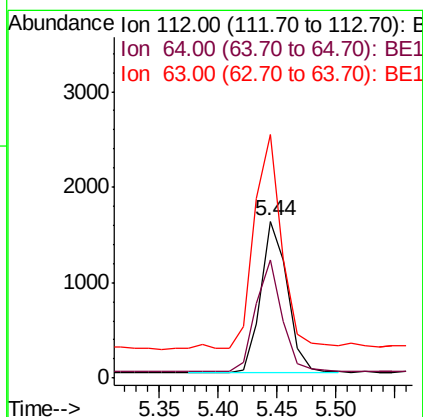
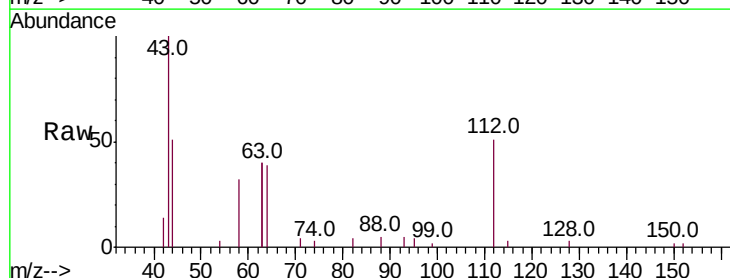
Tot Ion: 42 Resp: 1713
 Ion Ratio Lower Upper
 42 100
 74 113.8 97.2 145.8
 44 37.1 16.6 24.8#

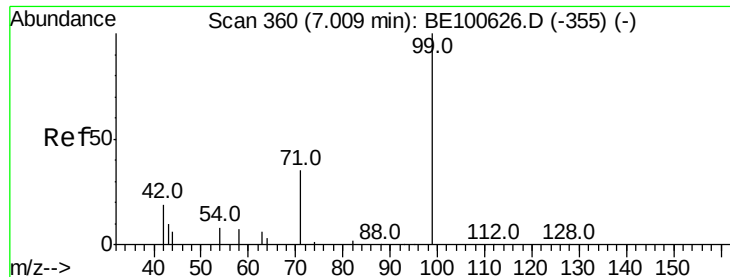


#4

2-Fluorophenol
 Concen: 0.228 ng
 RT: 5.44 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: BE100667.D
 Acq: 23 Oct 2019 18:29

Tgt Ion: 112 Resp: 2544
 Ion Ratio Lower Upper
 112 100
 64 72.6 55.4 83.2
 63 144.0 114.2 171.4





#5

Phenol-d6

Concen: 0.164 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

ClientSampleId :

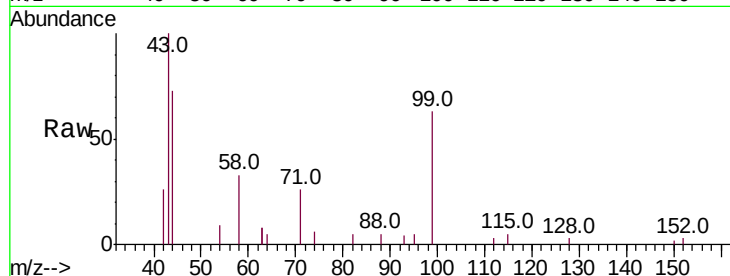
Tot Ion: 99 Resp: 2574

Ion Ratio Lower Upper

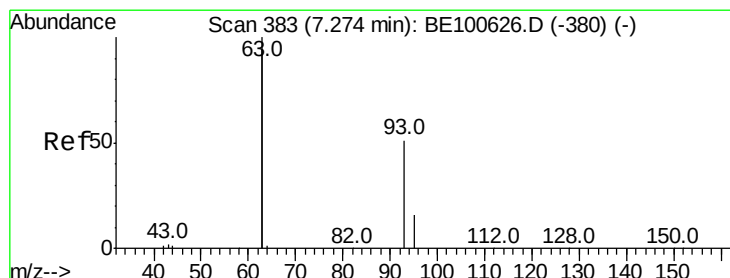
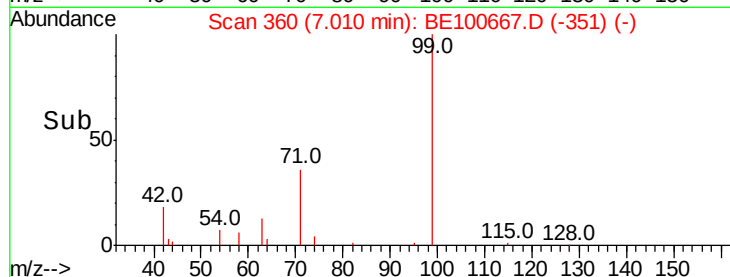
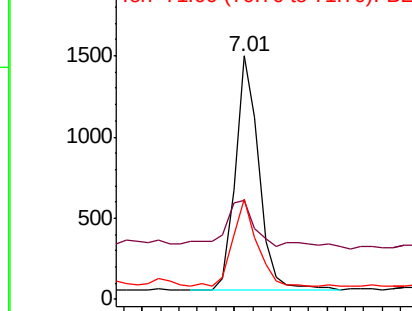
99 100

42 19.4 17.7 26.5

71 37.8 27.4 41.0



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: 0.338 ng

RT: 7.28 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

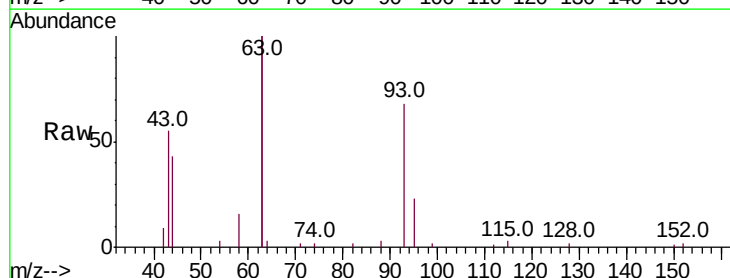
Tgt Ion: 93 Resp: 4364

Ion Ratio Lower Upper

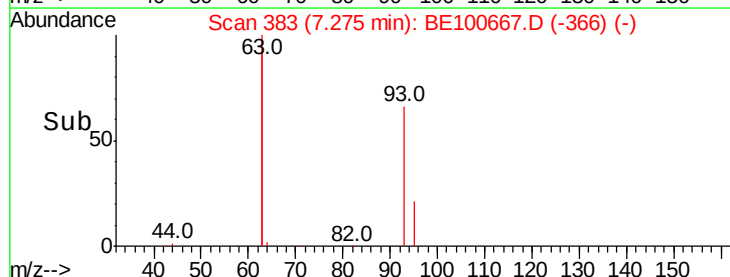
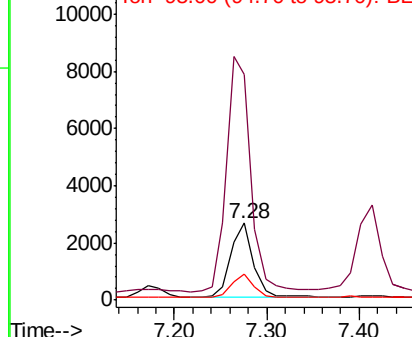
93 100

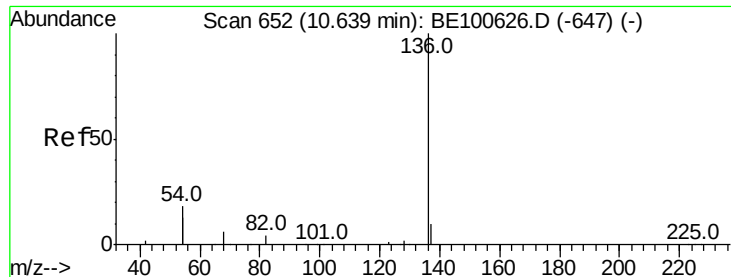
63 342.3 268.8 403.2

95 30.9 25.6 38.4



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: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 14581

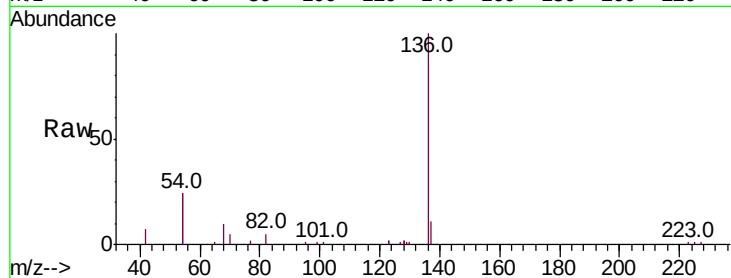
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 47.3 39.4 59.2

68 9.9 8.0 12.0

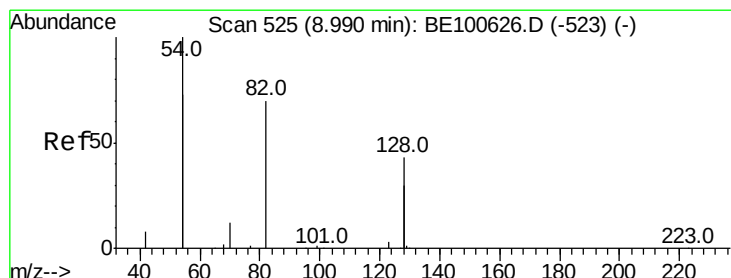
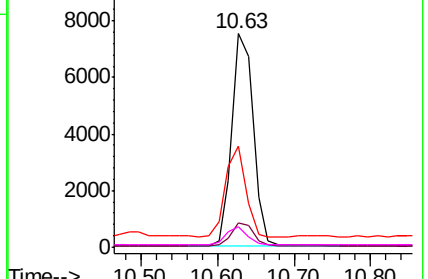
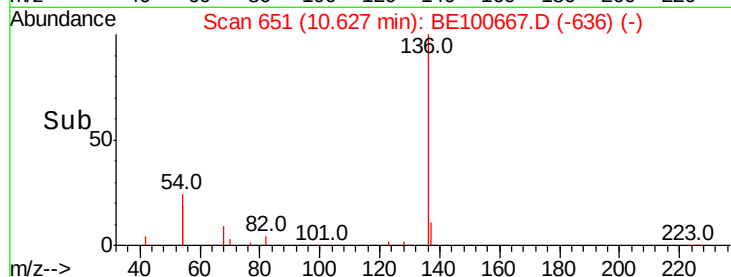


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.452 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

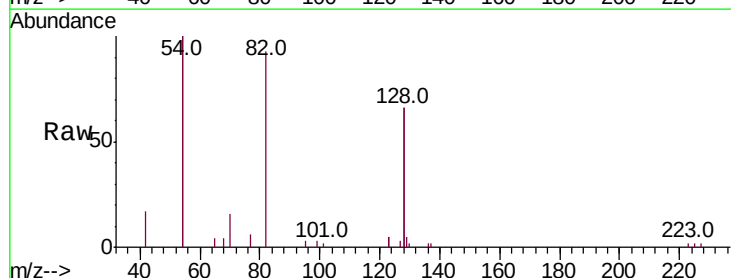
Tgt Ion: 82 Resp: 4088

Ion Ratio Lower Upper

82 100

128 141.6 107.8 161.8

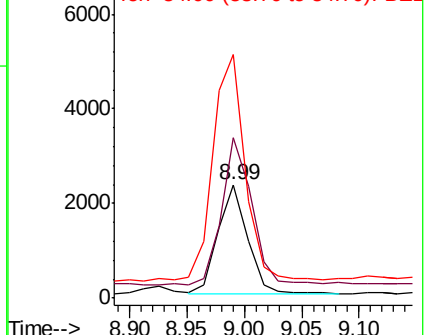
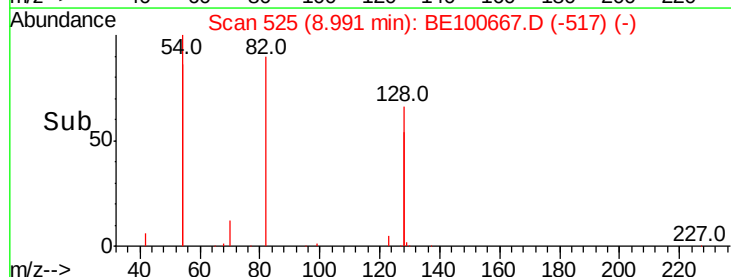
54 214.3 166.1 249.1

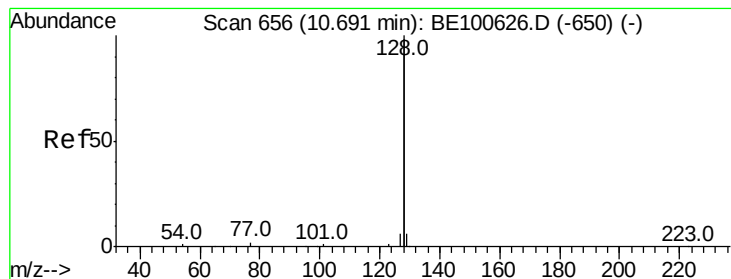


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.326 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

ClientSampleId :

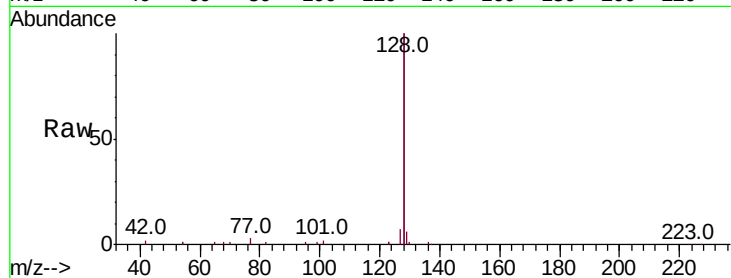
Tot Ion:128 Resp: 50043

Ion Ratio Lower Upper

128 100

129 3.0 2.3 3.5

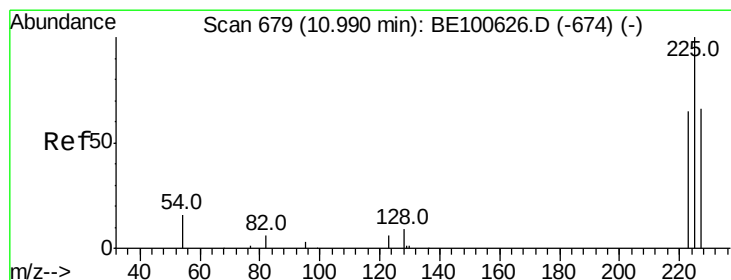
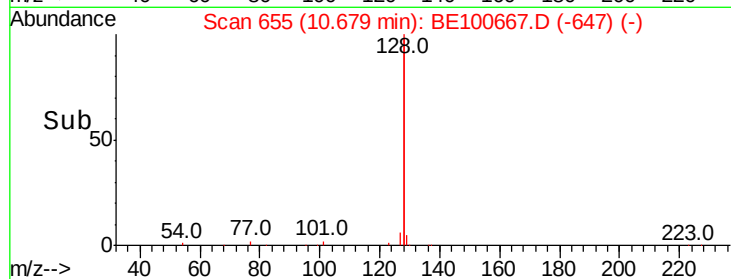
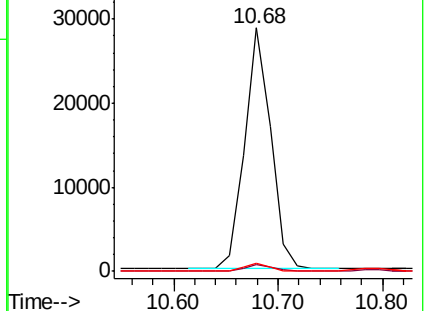
127 3.3 2.7 4.1



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



#10

Hexachlorobutadiene

Concen: 0.247 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

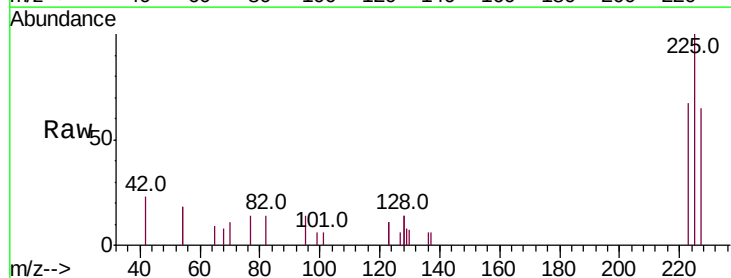
Tgt Ion:225 Resp: 1645

Ion Ratio Lower Upper

225 100

223 63.5 48.6 72.8

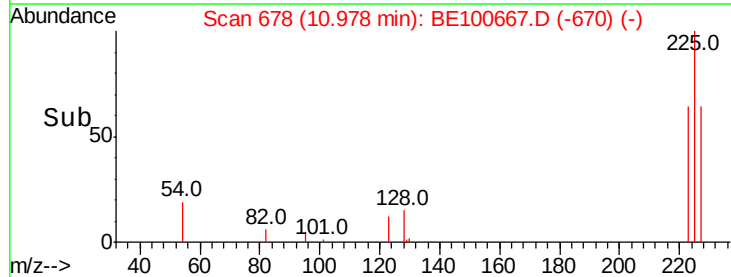
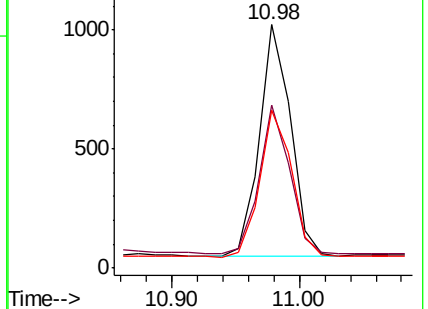
227 64.4 51.6 77.4

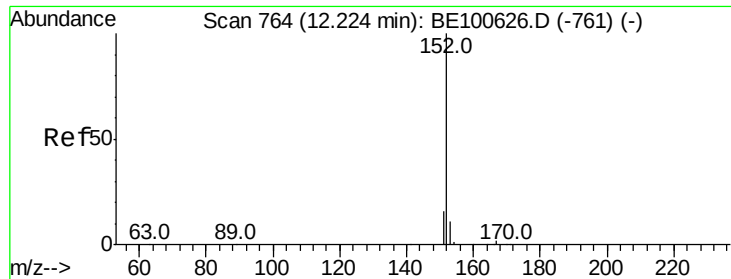


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.522 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

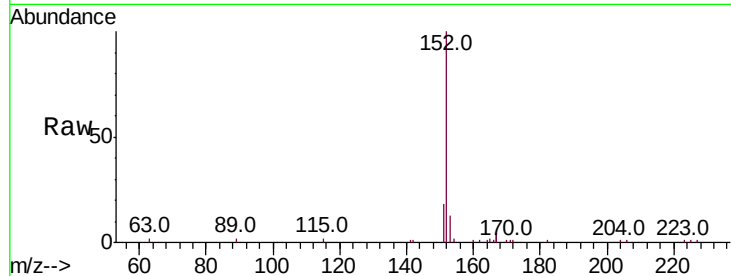
ClientSampleId :

Tot Ion:152 Resp: 11993

Ion Ratio Lower Upper

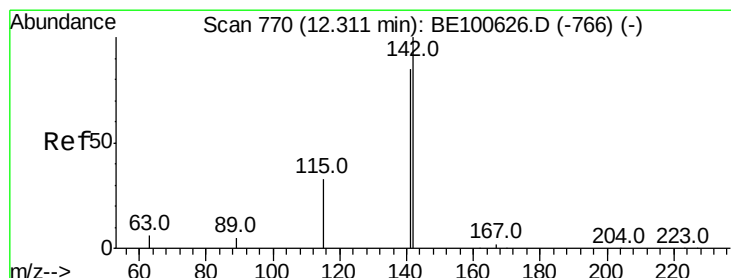
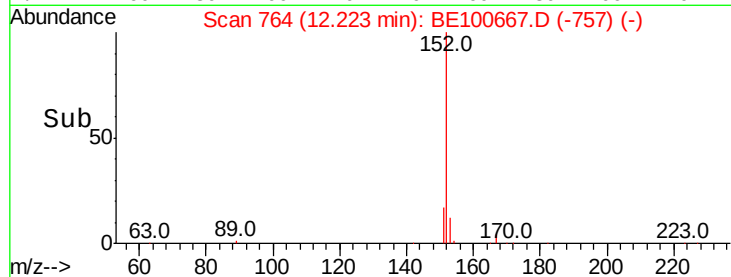
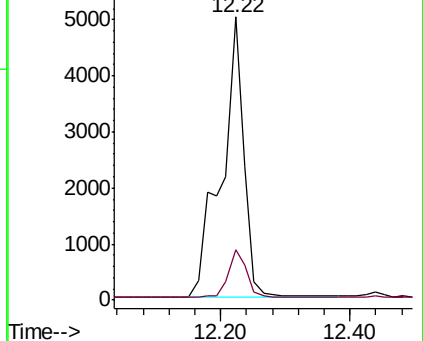
152 100

151 13.6 14.7 22.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.307 ng

RT: 12.29 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

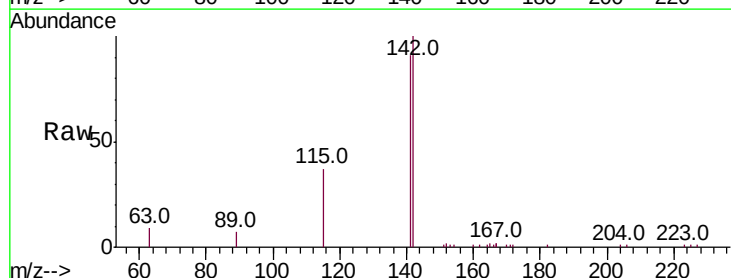
Tgt Ion:142 Resp: 8025

Ion Ratio Lower Upper

142 100

141 91.1 70.1 105.1

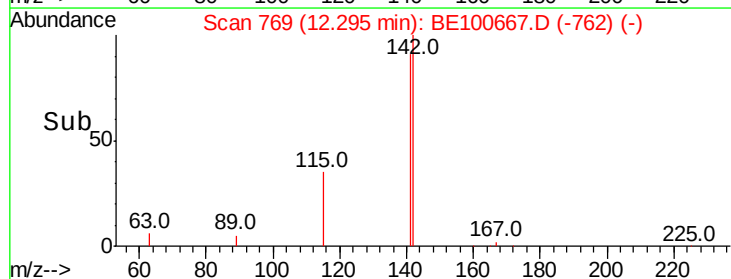
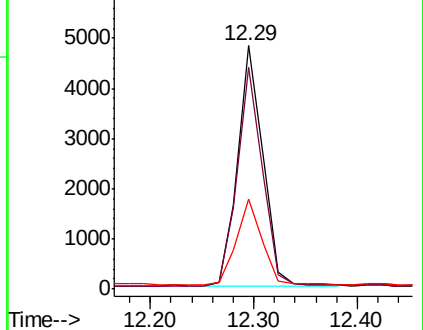
115 36.9 28.3 42.5

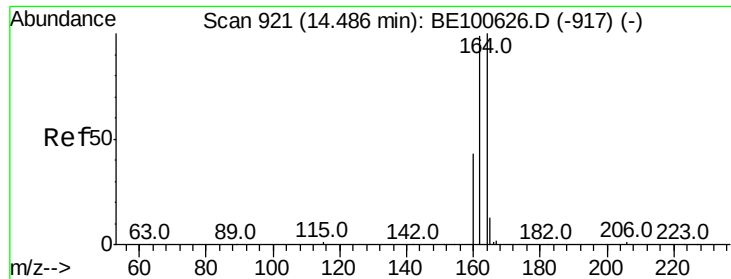


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

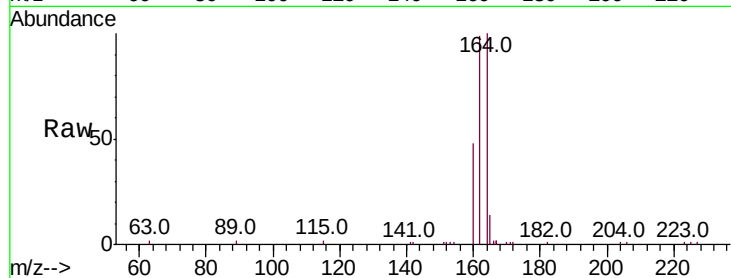




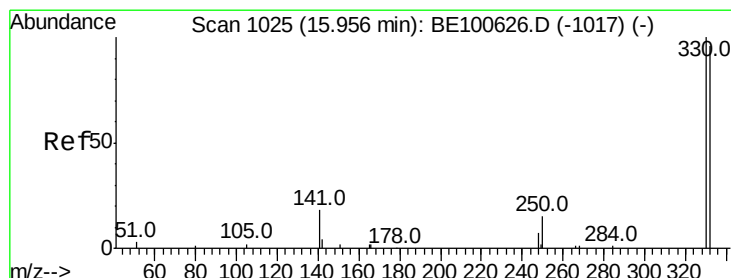
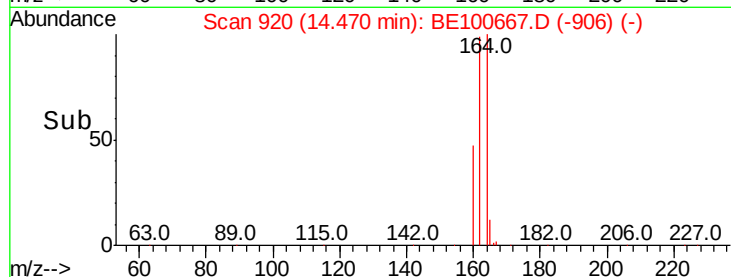
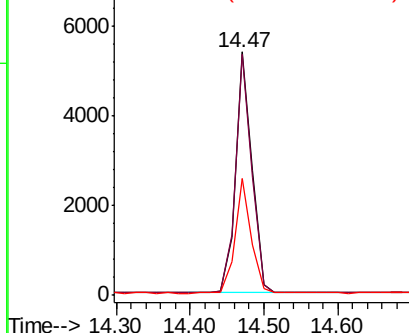
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 8325
Ion Ratio Lower Upper
164 100
162 99.1 82.0 123.0
160 47.8 37.5 56.3

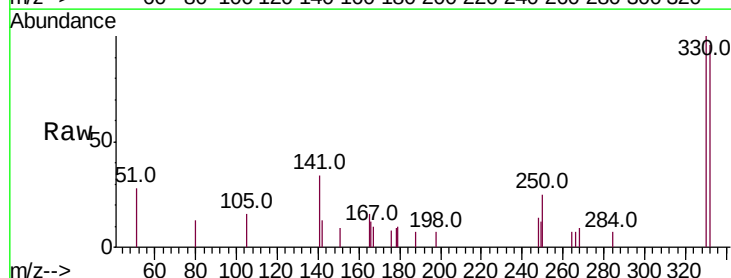


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

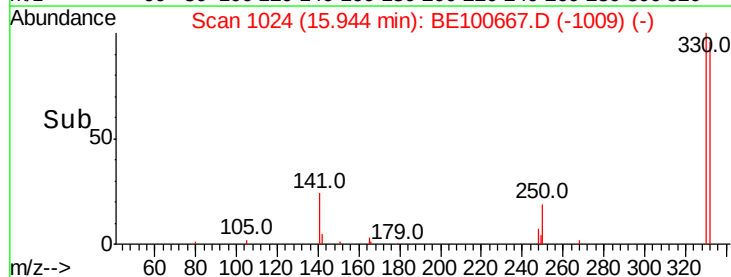
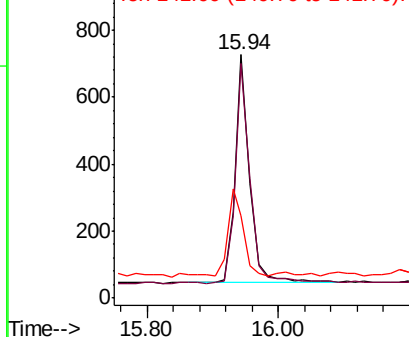


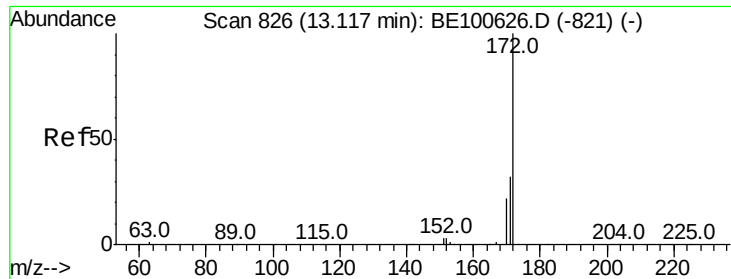
#14
2,4,6-Tribromophenol
Concen: 0.485 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion:330 Resp: 1067
Ion Ratio Lower Upper
330 100
332 97.8 77.9 116.9
141 41.2 33.0 49.6



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

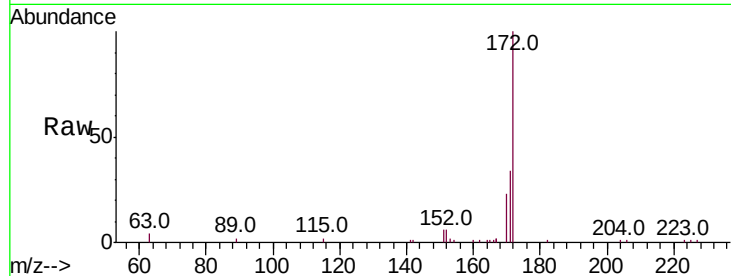




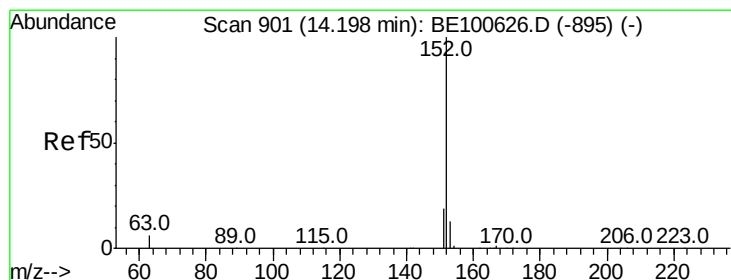
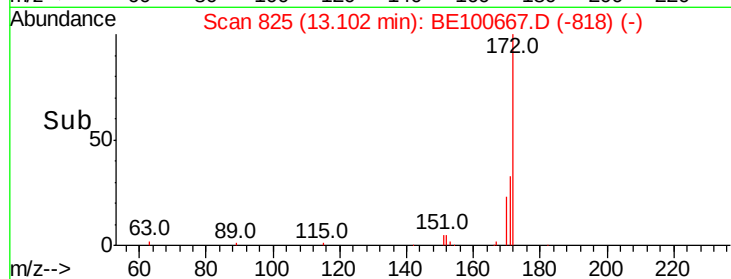
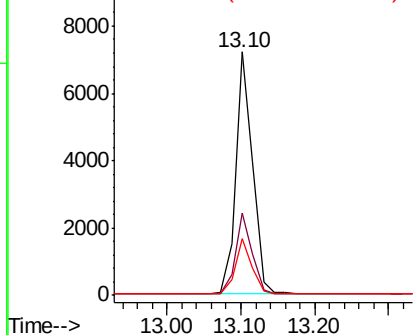
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 11321
Ion Ratio Lower Upper
172 100
171 33.9 26.5 39.7
170 23.4 19.0 28.4

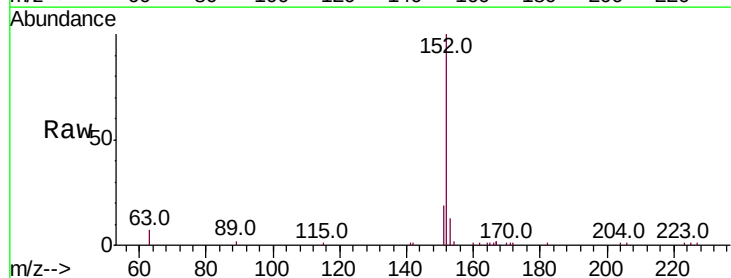


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

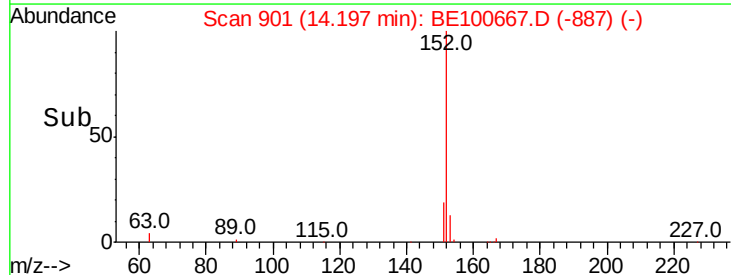
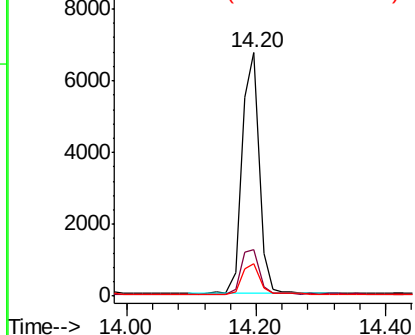


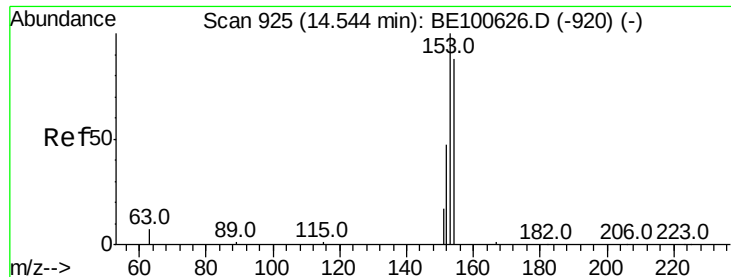
#16
Acenaphthylene
Concen: 0.345 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion:152 Resp: 12343
Ion Ratio Lower Upper
152 100
151 19.9 15.2 22.8
153 12.9 10.3 15.5



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: 0.323 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

ClientSampleId :

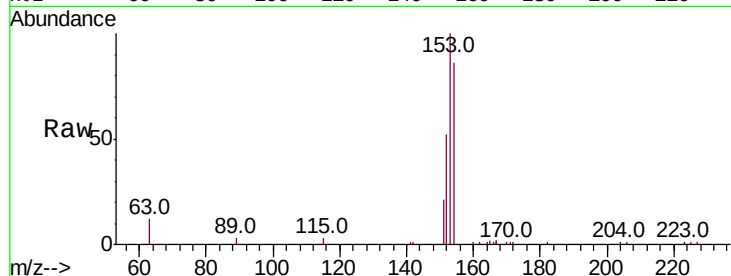
Tot Ion:154 Resp: 7485

Ion Ratio Lower Upper

154 100

153 114.1 89.4 134.2

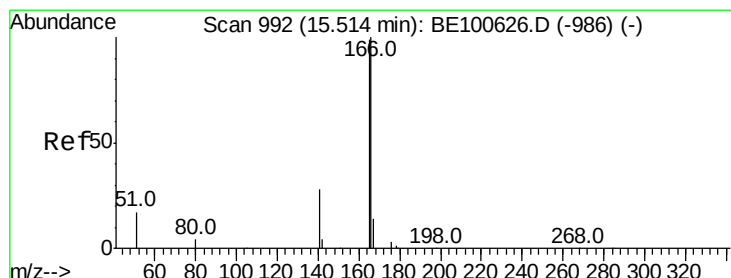
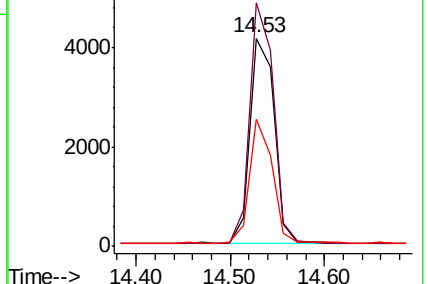
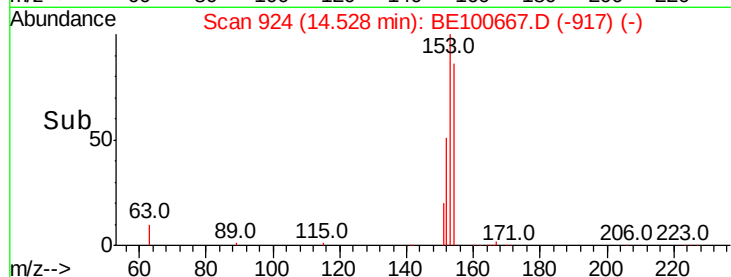
152 56.2 44.1 66.1



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: 0.337 ng

RT: 15.50 min Scan# 991

Delta R.T. 0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

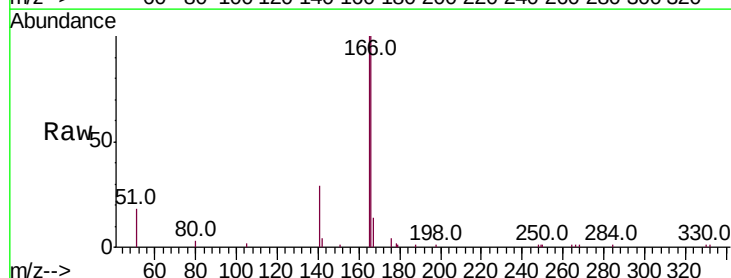
Tgt Ion:166 Resp: 10360

Ion Ratio Lower Upper

166 100

165 100.1 78.6 117.8

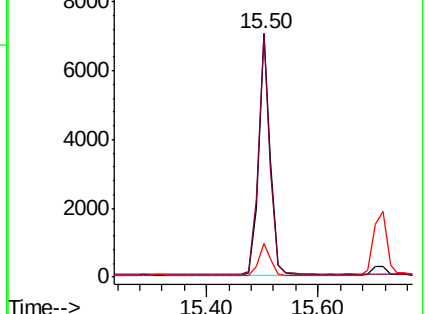
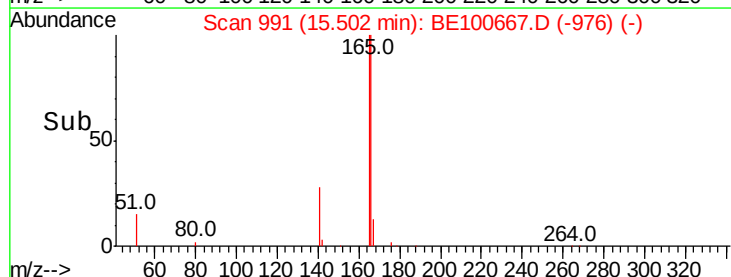
167 13.5 10.9 16.3

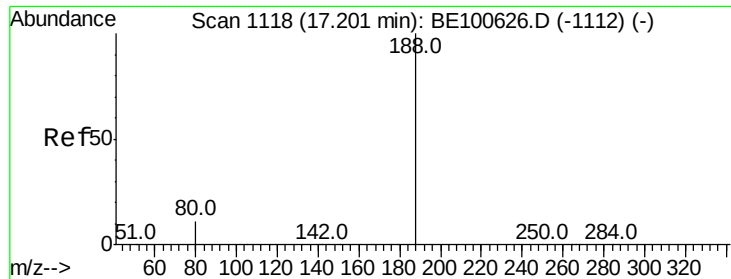


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

ClientSampleId :

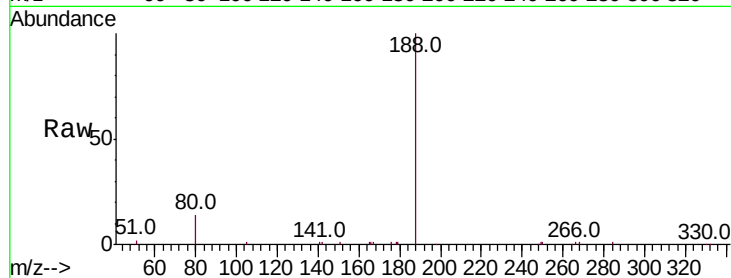
Tot Ion:188 Resp: 19353

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

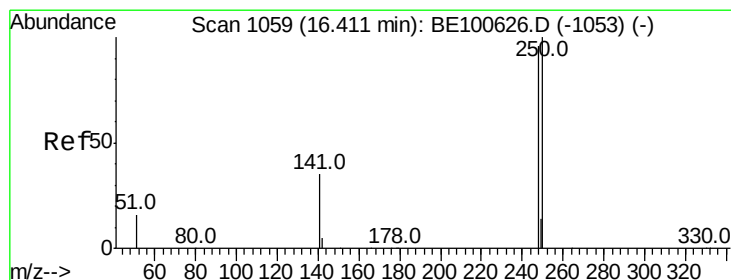
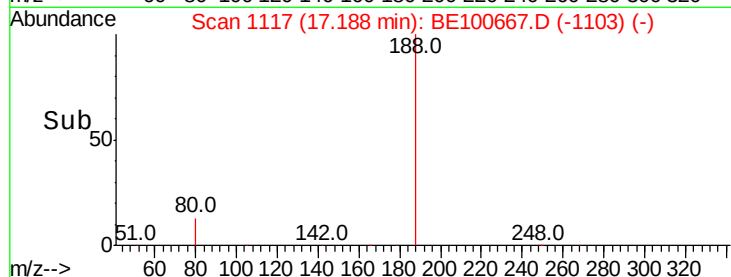
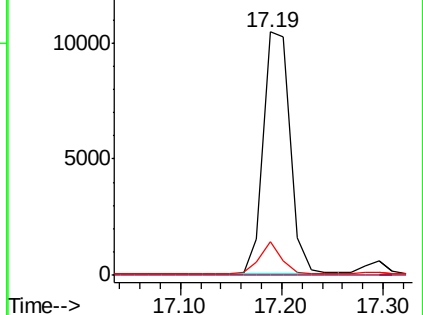
80 13.6 5.4 8.0#



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



#20

4-Bromophenyl-phenylether

Concen: 0.335 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

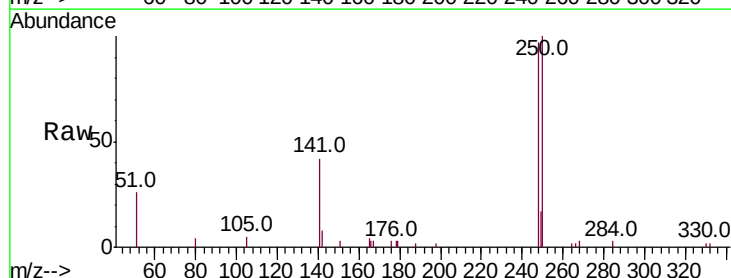
Tgt Ion:248 Resp: 3300

Ion Ratio Lower Upper

248 100

250 103.4 76.3 114.5

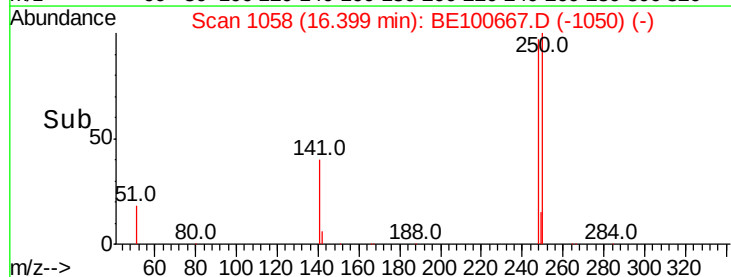
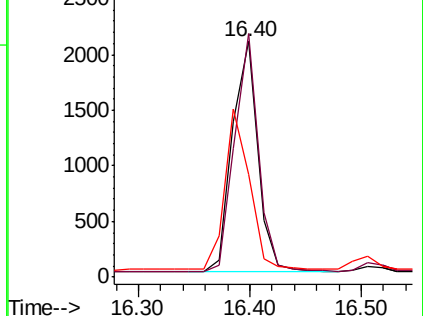
141 43.5 37.3 55.9

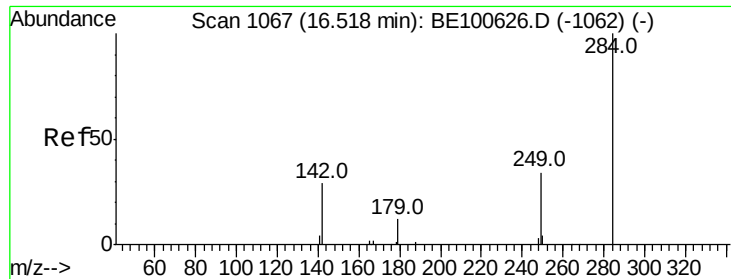


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.289 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

ClientSampleId :

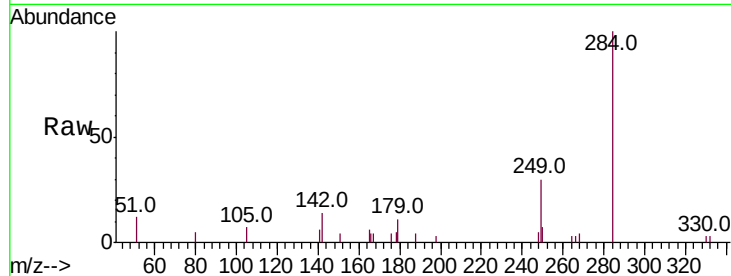
Tot Ion:284 Resp: 2709

Ion Ratio Lower Upper

284 100

142 36.7 28.6 42.8

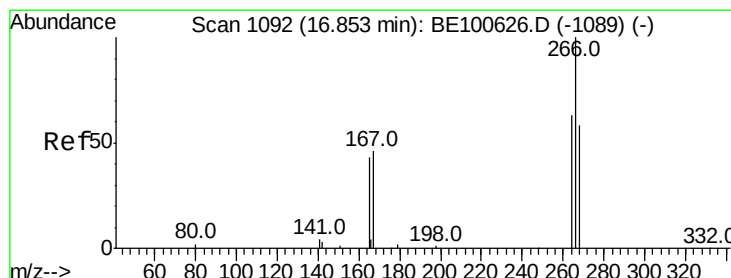
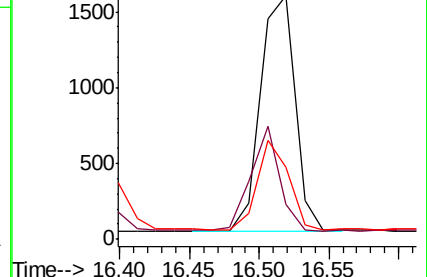
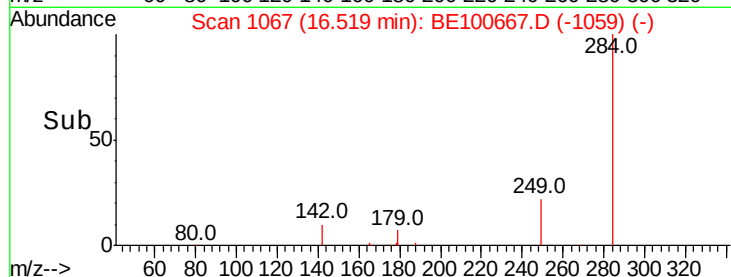
249 34.3 26.3 39.5



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: 0.657 ng

RT: 16.85 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

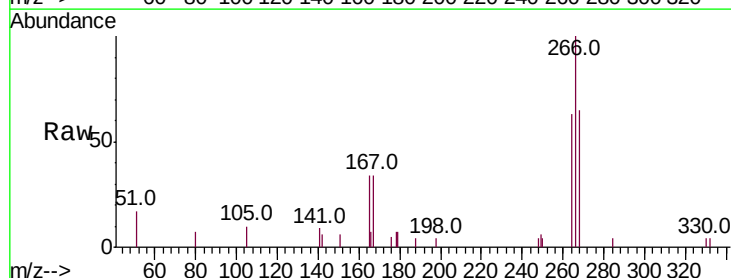
Tgt Ion:266 Resp: 1985

Ion Ratio Lower Upper

266 100

264 62.6 52.2 78.4

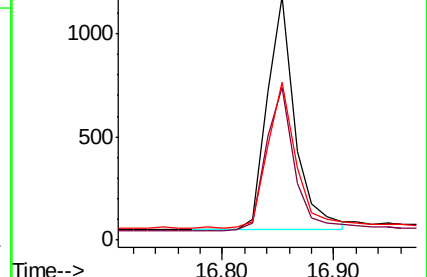
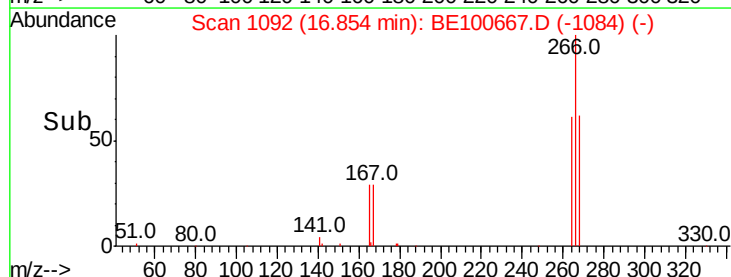
268 65.0 53.1 79.7

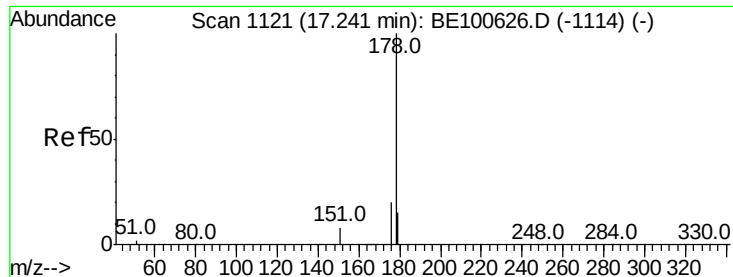


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.356 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

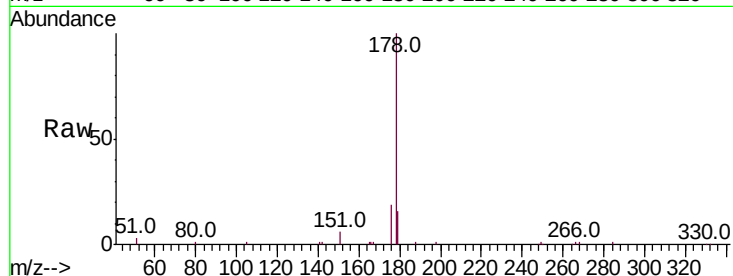
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 18930

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.2	12.1	18.1

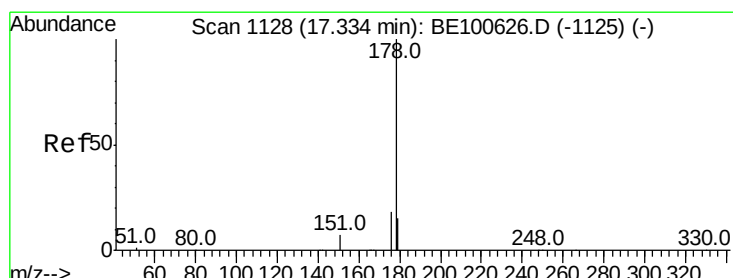
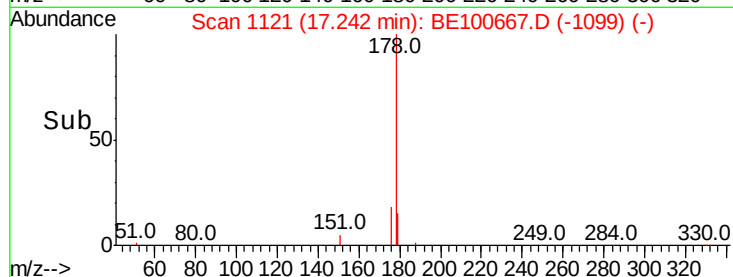
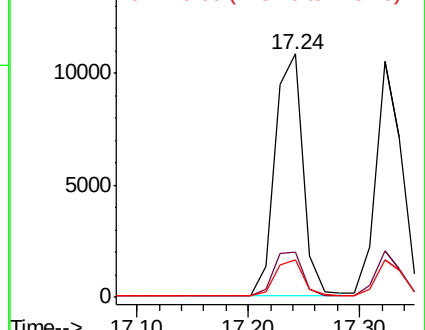


Abundance

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: 0.335 ng

RT: 17.32 min Scan# 1127

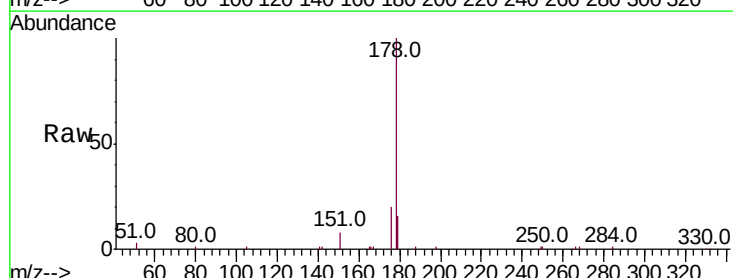
Delta R.T. 0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Tgt Ion:178 Resp: 16538

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.7	12.5	18.7

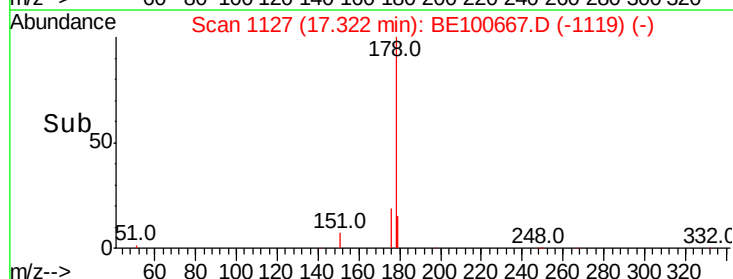
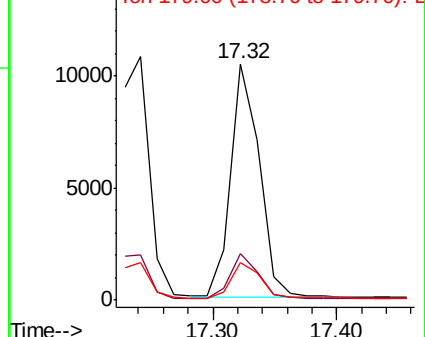


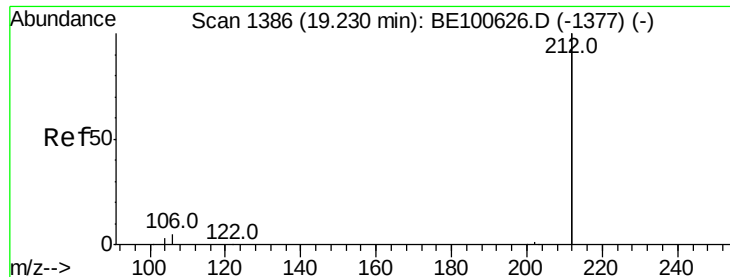
Abundance

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

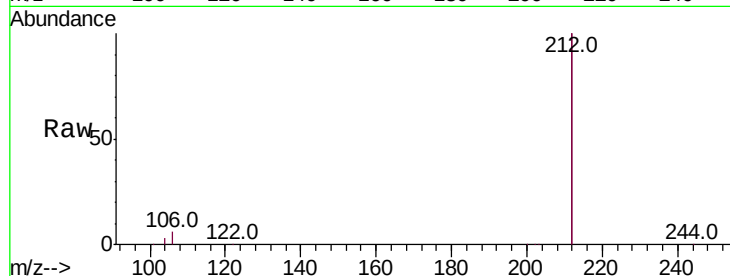




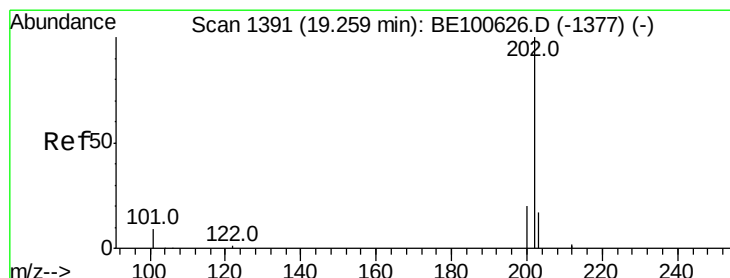
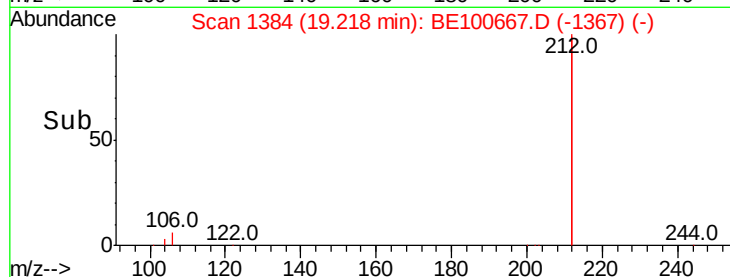
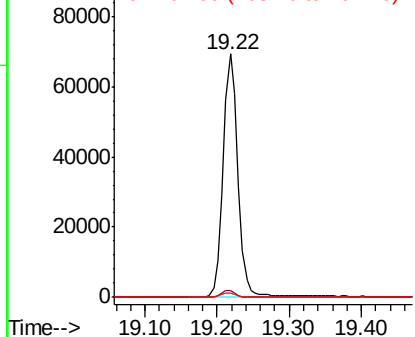
#25
 Fluoranthene-d10
 Concen: 0.387 ng
 RT: 19.22 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BE100667.D
 Acq: 23 Oct 2019 18:29

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 96572
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.3 3.5
 104 1.6 1.3 1.9

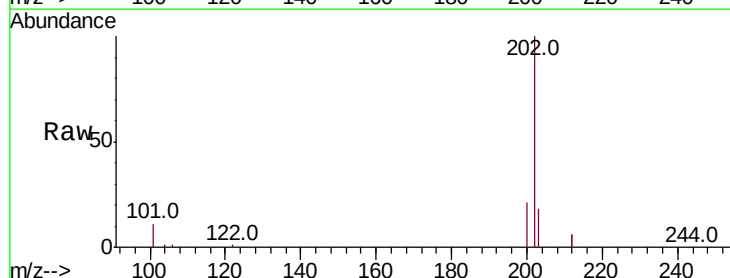


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

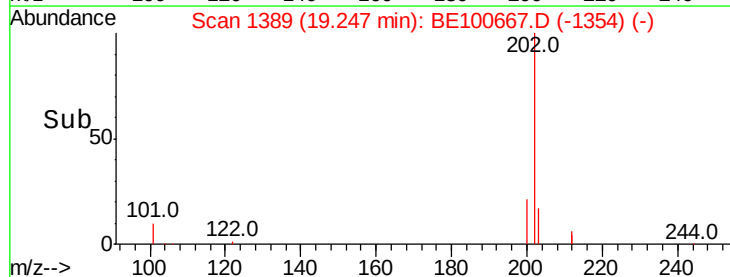
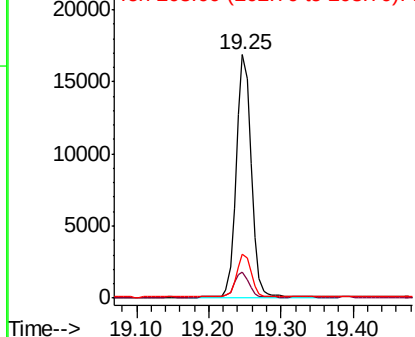


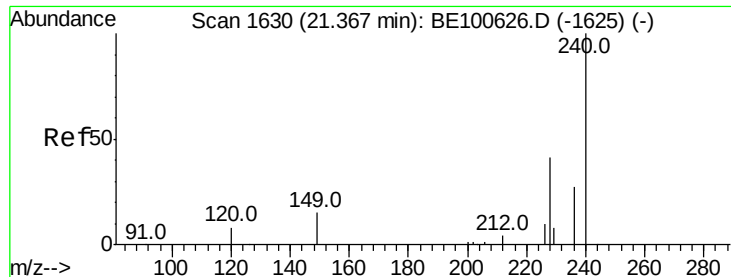
#26
 Fluoranthene
 Concen: 0.347 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BE100667.D
 Acq: 23 Oct 2019 18:29

Tgt Ion:202 Resp: 24123
 Ion Ratio Lower Upper
 202 100
 101 10.1 8.5 12.7
 203 17.2 13.8 20.8



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

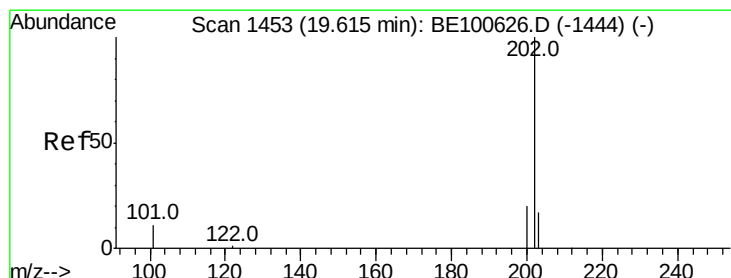
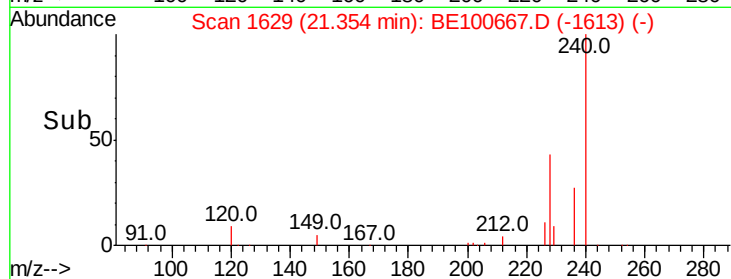
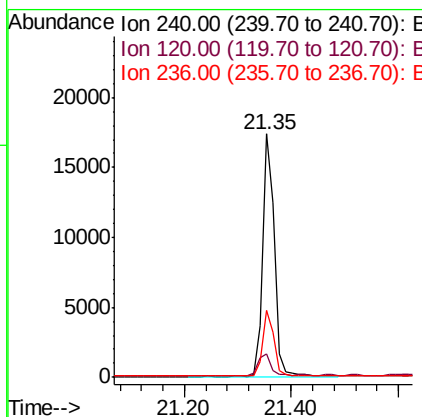
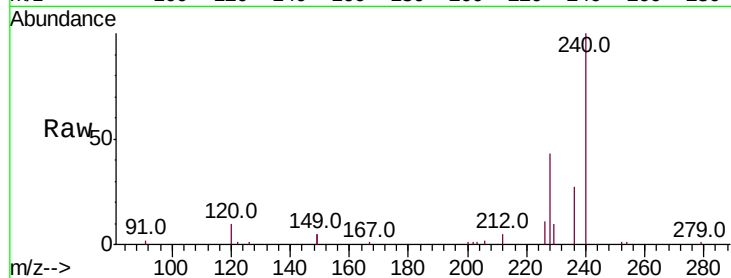




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.35 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BE100667.D
 Acq: 23 Oct 2019 18:29

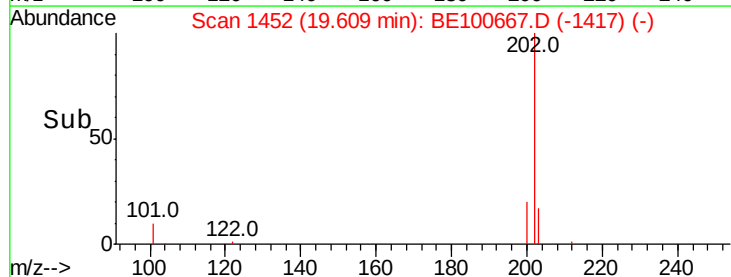
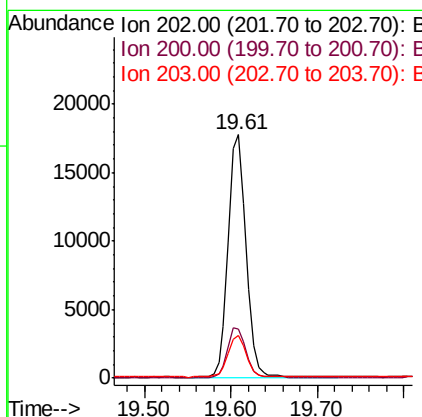
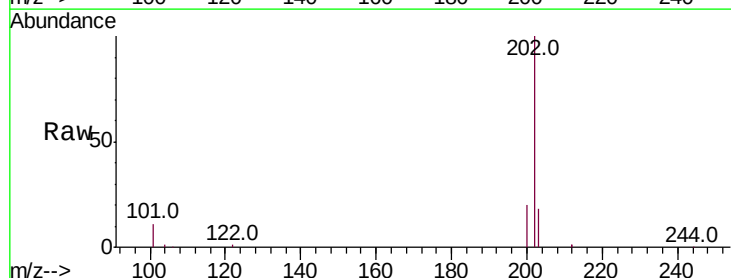
Instrument :
 BNA_E
 ClientSampleId :

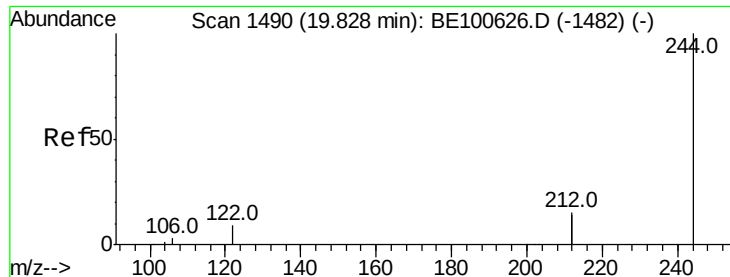
Tot Ion:240 Resp: 26290
 Ion Ratio Lower Upper
 240 100
 120 9.6 7.6 11.4
 236 27.4 22.1 33.1



#28
 Pyrene
 Concen: 0.341 ng
 RT: 19.61 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BE100667.D
 Acq: 23 Oct 2019 18:29

Tgt Ion:202 Resp: 25064
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.7 25.1
 203 17.9 14.0 21.0





#29

Terphenyl-d14

Concen: 0.398 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

ClientSampleId :

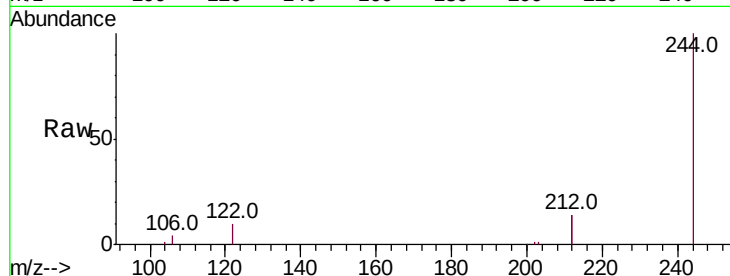
Tot Ion:244 Resp: 22891

Ion Ratio Lower Upper

244 100

212 28.9 23.7 35.5

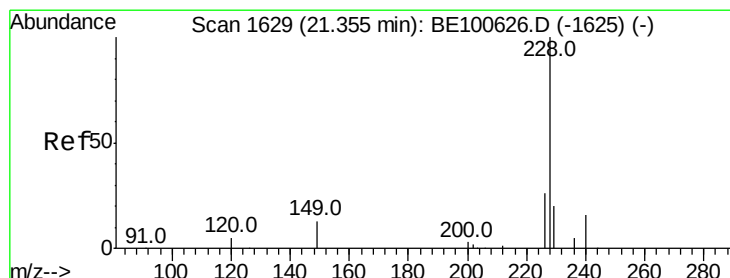
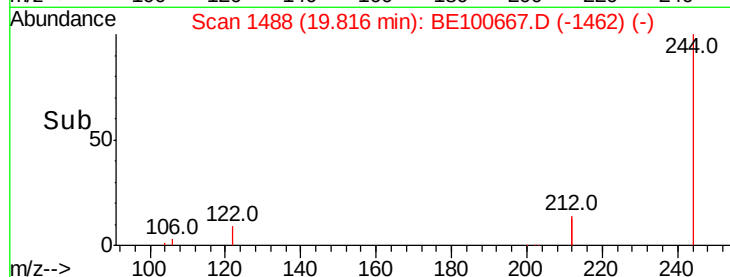
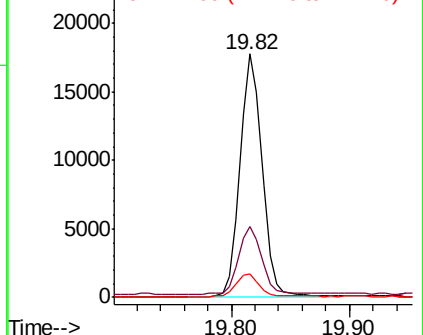
122 9.6 7.9 11.9



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: 0.336 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

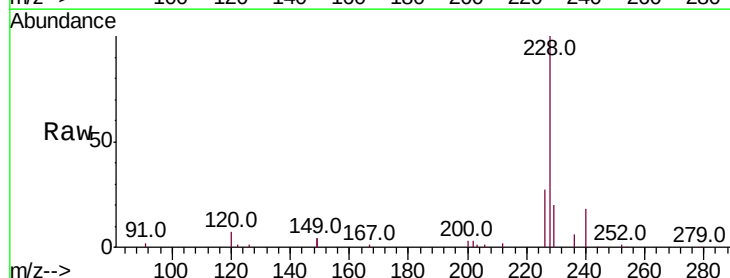
Tgt Ion:228 Resp: 28834

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.0

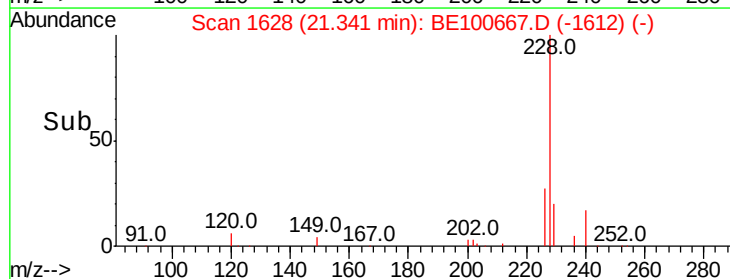
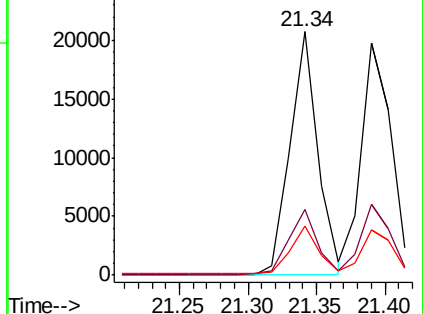
229 19.9 16.0 24.0

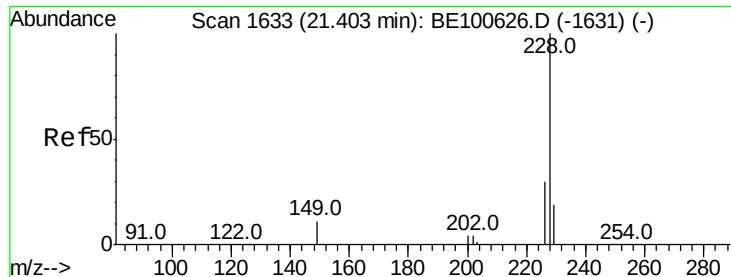


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.349 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

ClientSampleId :

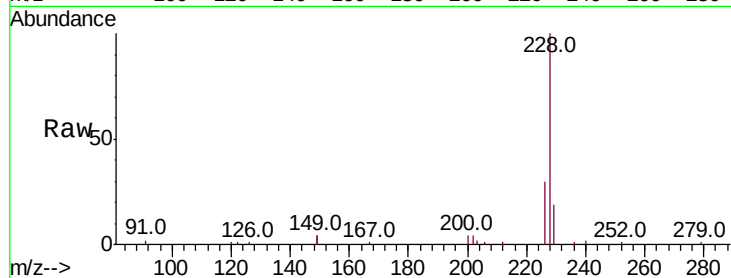
Tot Ion:228 Resp: 29935

Ion Ratio Lower Upper

228 100

226 30.3 24.6 37.0

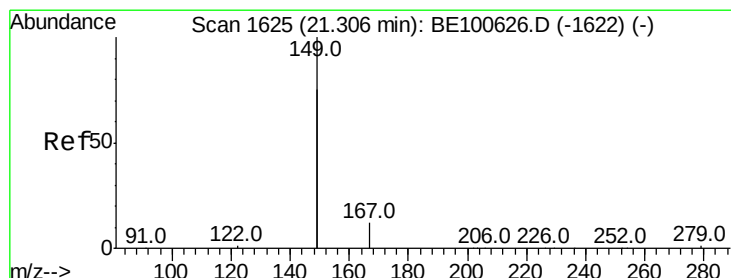
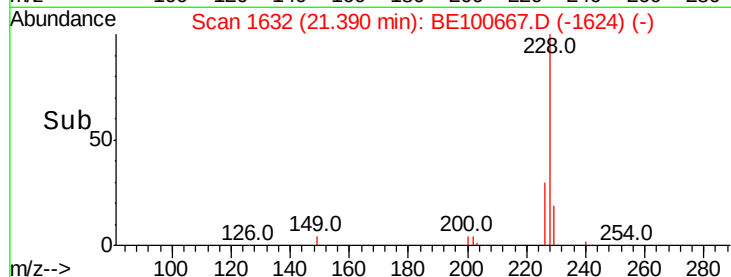
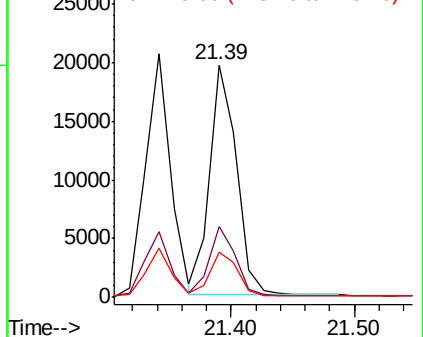
229 19.4 15.8 23.8



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: 0.394 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

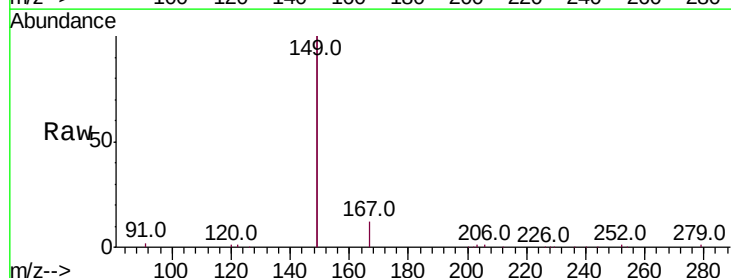
Tgt Ion:149 Resp: 70719

Ion Ratio Lower Upper

149 100

167 6.9 5.5 8.3

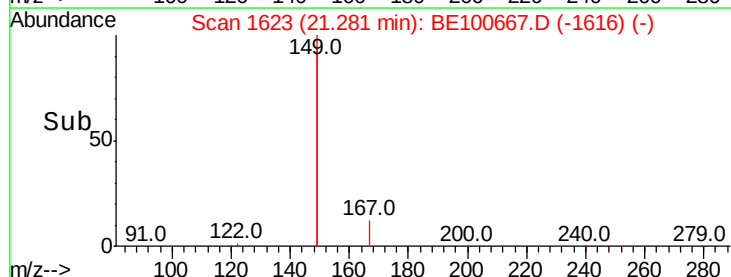
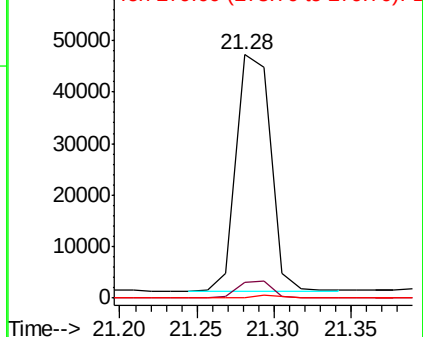
279 1.0 0.9 1.3

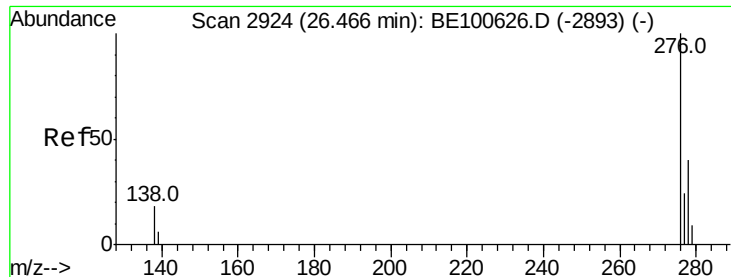


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.412 ng

RT: 26.44 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

ClientSampleId :

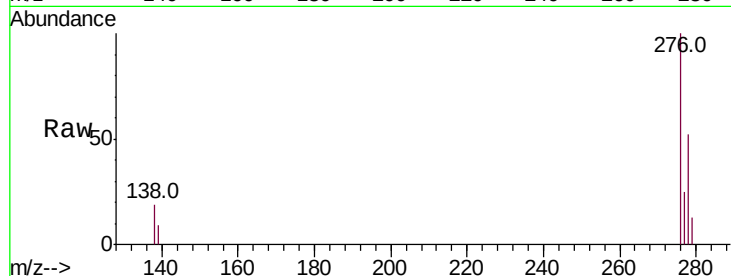
Tot Ion:276 Resp: 43436

Ion Ratio Lower Upper

276 100

138 19.4 15.3 22.9

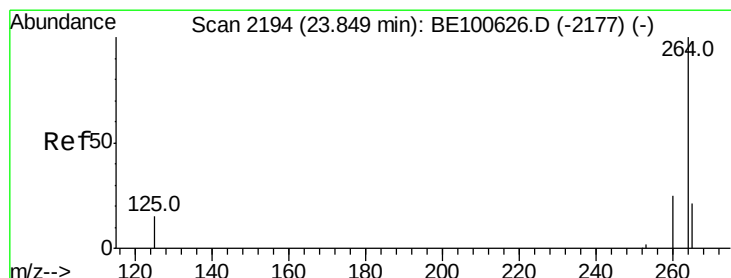
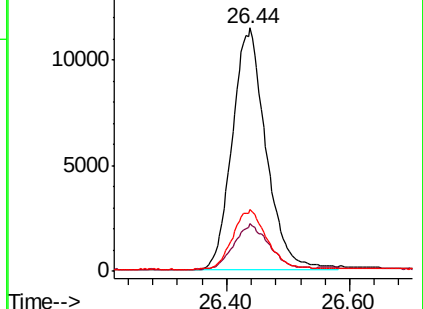
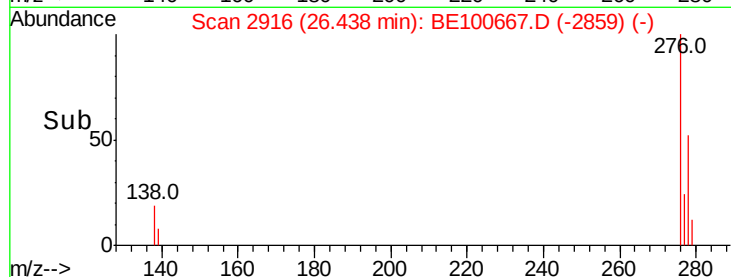
277 24.8 19.4 29.2



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: 23.83 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

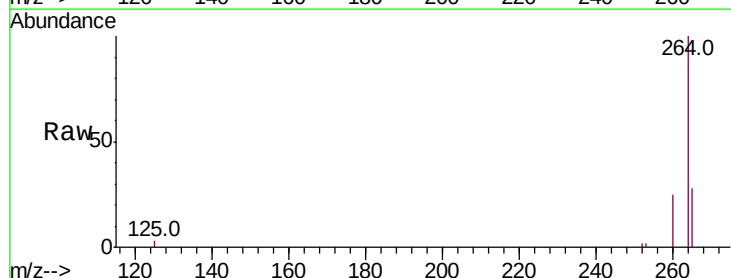
Tgt Ion:264 Resp: 36270

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

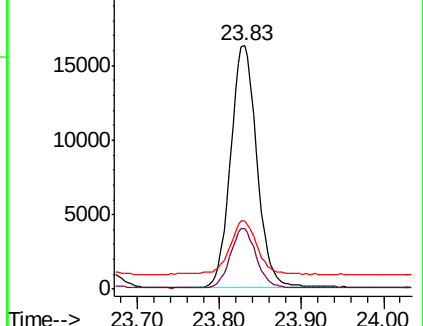
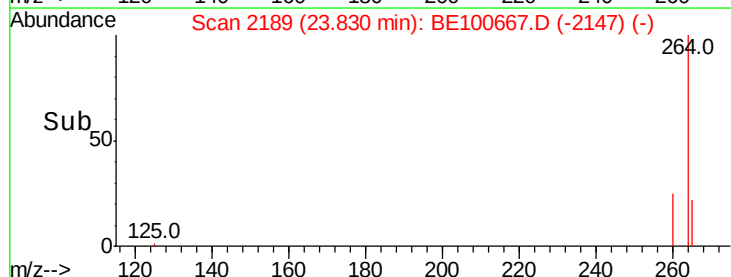
265 28.0 21.7 32.5

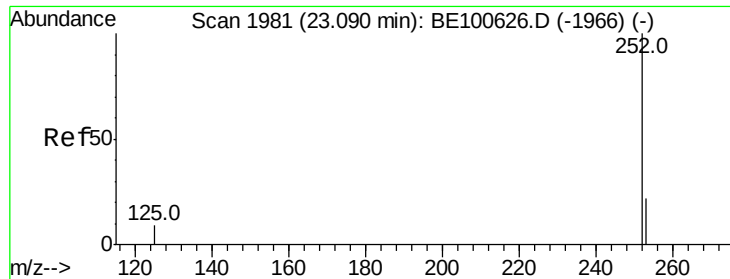


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

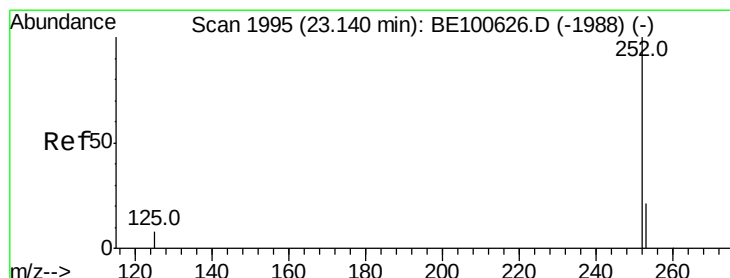
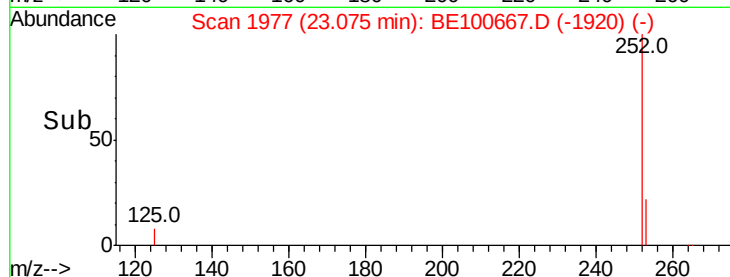
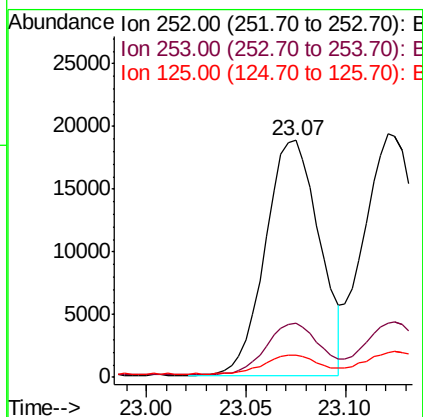
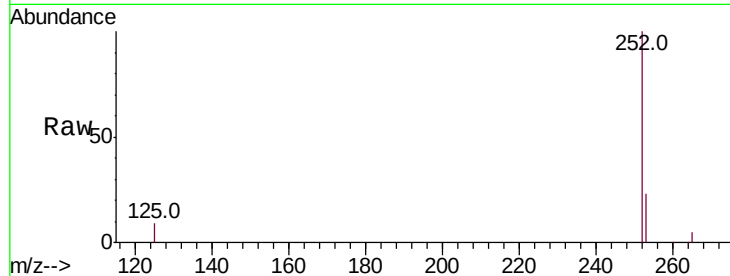




#35
Benzo(b)fluoranthene
Concen: 0.333 ng
RT: 23.07 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

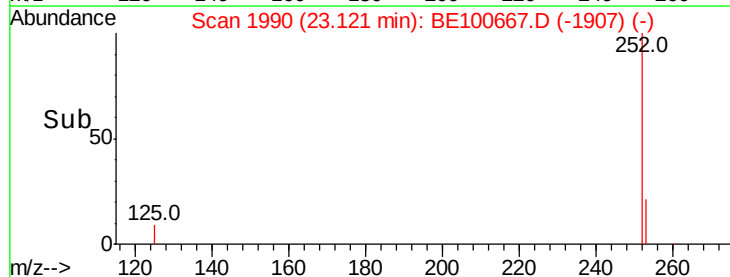
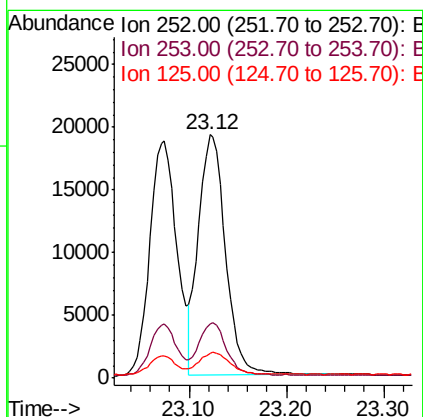
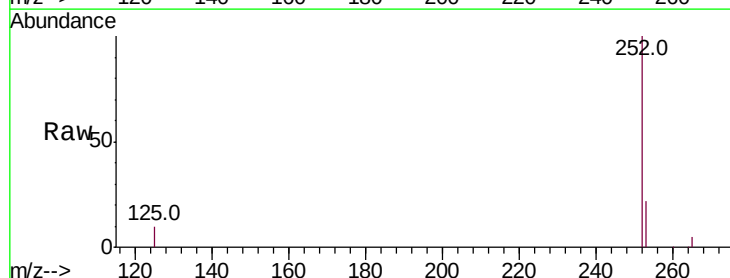
Instrument :
BNA_E
ClientSampleId :

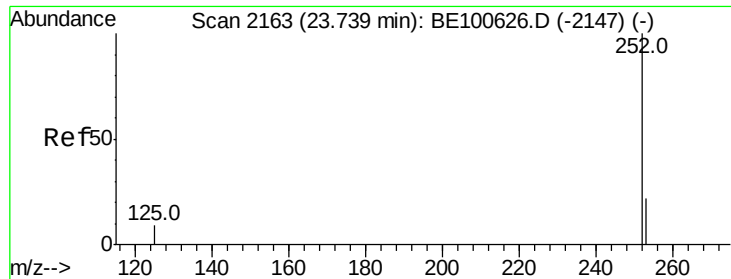
Tot Ion:252 Resp: 35213
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 9.5 7.6 11.4



#36
Benzo(k)fluoranthene
Concen: 0.341 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion:252 Resp: 37038
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 10.0 11.6 17.4#





#37

Benzo(a)pyrene

Concen: 0.358 ng

RT: 23.72 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

ClientSampleId :

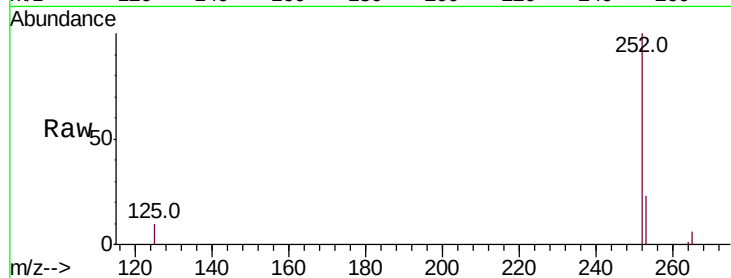
Tot Ion:252 Resp: 35246

Ion Ratio Lower Upper

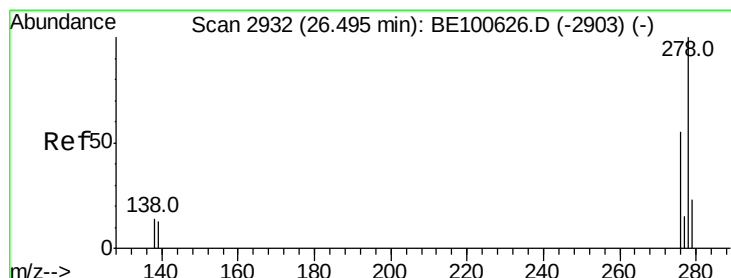
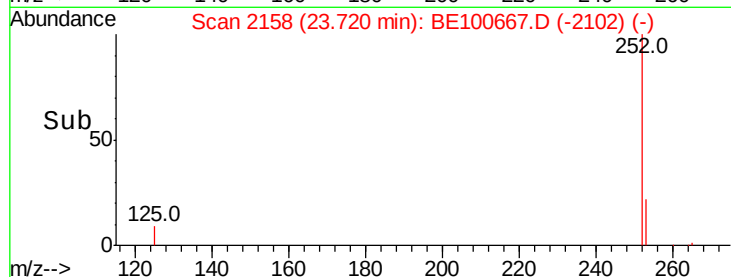
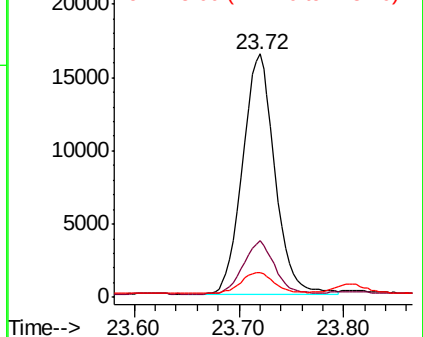
252 100

253 23.3 18.4 27.6

125 10.4 8.2 12.4



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



#38

Dibenzo(a,h)anthracene

Concen: 0.356 ng

RT: 26.46 min Scan# 2922

Delta R.T. -0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

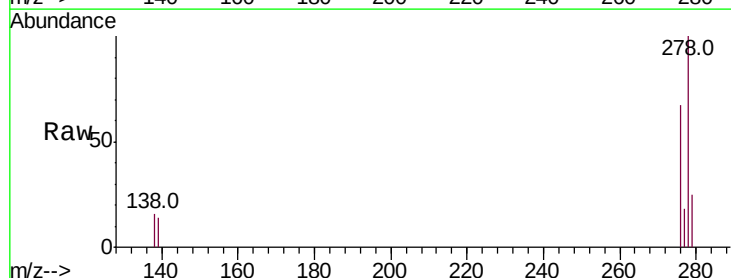
Tgt Ion:278 Resp: 36218

Ion Ratio Lower Upper

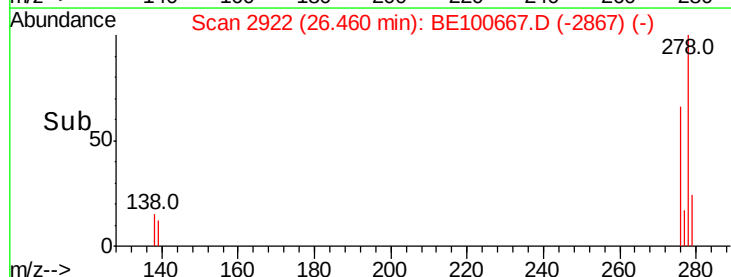
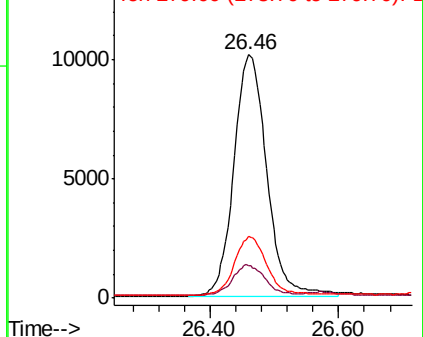
278 100

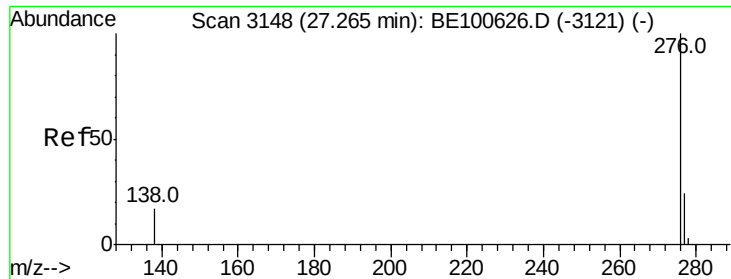
139 13.5 10.9 16.3

279 25.3 19.4 29.2



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: 0.366 ng

RT: 27.23 min Scan# 3139

Delta R.T. 0.00 min

Lab File: BE100667.D

Acq: 23 Oct 2019 18:29

Instrument :

BNA_E

ClientSampleId :

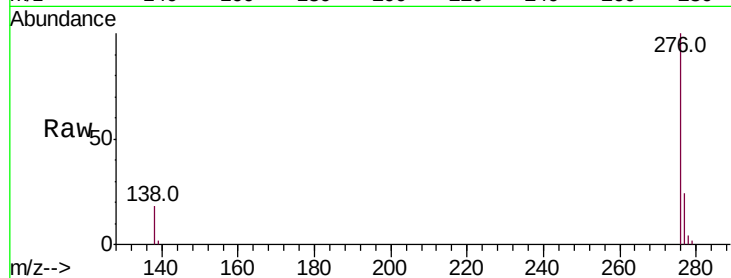
Tot Ion:276 Resp: 37486

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.0

138 17.7 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

