

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
 Data File : BE100614.D
 Acq On : 8 Oct 2019 18:28
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 09 01:46:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:42:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3725	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	17858	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	10874	0.40	ng	0.00
19) Phenanthrene-d10	17.17	188	24161	0.40	ng	0.00
27) Chrysene-d12	21.33	240	30680	0.40	ng	0.00
34) Perylene-d12	23.79	264	35971	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	4445	0.44	ng	0.00
5) Phenol-d6	6.99	99	5710	0.45	ng	0.00
8) Nitrobenzene-d5	8.96	82	4563	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	10556	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	15.93	330	1010	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	14958	0.38	ng	0.00
25) Fluoranthene-d10	19.20	212	116384	0.39	ng	0.00
29) Terphenyl-d14	19.79	244	28310	0.42	ng	0.00

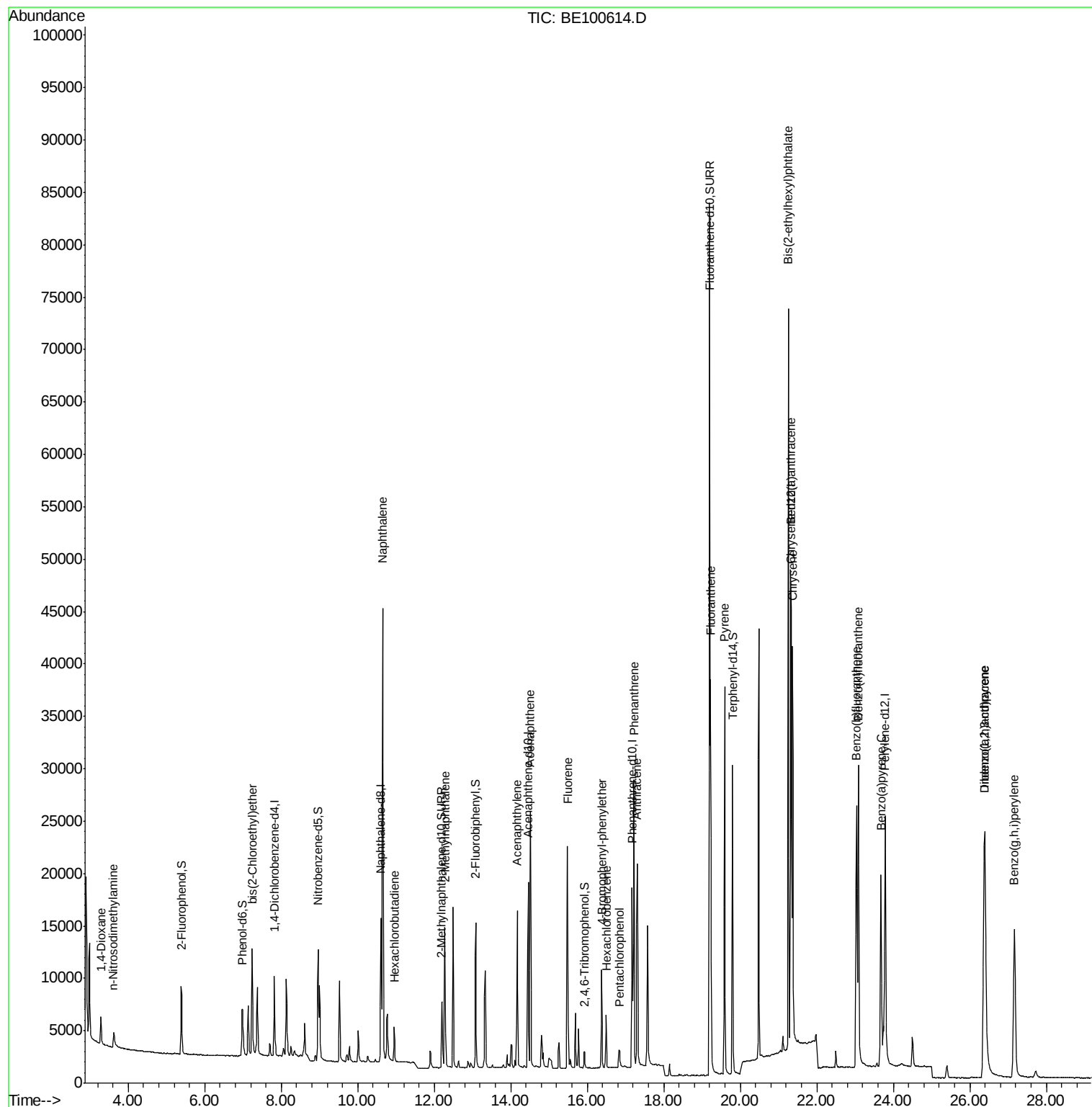
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.29	88	2467	0.393	ng	95
3) n-Nitrosodimethylamine	3.61	42	1283	0.435	ng	# 92
6) bis(2-Chloroethyl)ether	7.24	93	4693	0.401	ng	97
9) Naphthalene	10.65	128	72494	0.394	ng	100
10) Hexachlorobutadiene	10.95	225	2228	0.375	ng	96
12) 2-Methylnaphthalene	12.28	142	12163	0.402	ng	96
16) Acenaphthylene	14.17	152	17878	0.387	ng	100
17) Acenaphthene	14.51	154	12187	0.394	ng	98
18) Fluorene	15.49	166	15303	0.387	ng	99
20) 4-Bromophenyl-phenylether	16.37	248	4544	0.380	ng	# 91
21) Hexachlorobenzene	16.49	284	3787	0.376	ng	97
22) Pentachlorophenol	16.84	266	1162	0.590	ng	95
23) Phenanthrene	17.21	178	27590	0.401	ng	100
24) Anthracene	17.31	178	22801	0.385	ng	99
26) Fluoranthene	19.22	202	33558	0.396	ng	100
28) Pyrene	19.59	202	35380	0.450	ng	100
30) Benzo(a)anthracene	21.32	228	34142	0.398	ng	99
31) Chrysene	21.37	228	35851	0.391	ng	97
32) Bis(2-ethylhexyl)phthalate	21.26	149	74235	0.453	ng	100
33) Indeno(1,2,3-cd)pyrene	26.37	276	41781	0.387	ng	99
35) Benzo(b)fluoranthene	23.03	252	36108	0.370	ng	99
36) Benzo(k)fluoranthene	23.08	252	40223	0.363	ng	# 97
37) Benzo(a)pyrene	23.67	252	34105	0.381	ng	99
38) Dibenzo(a,h)anthracene	26.40	278	34636	0.368	ng	99
39) Benzo(g,h,i)perylene	27.16	276	35388	0.371	ng	100

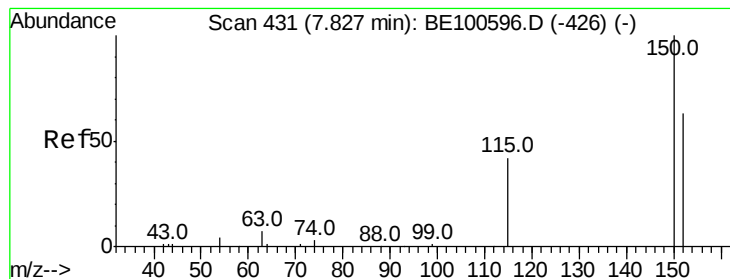
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

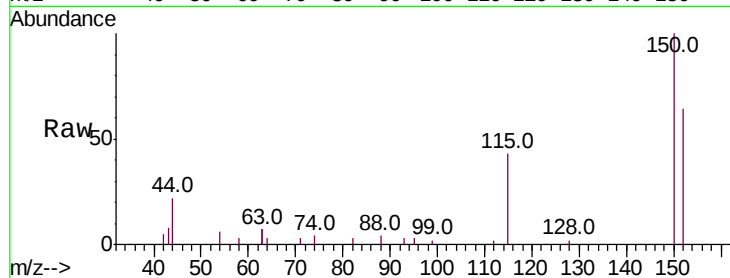
Tot Ion:152 Resp: 3725

Ion Ratio Lower Upper

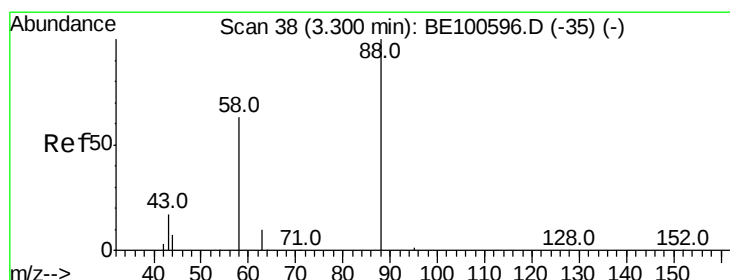
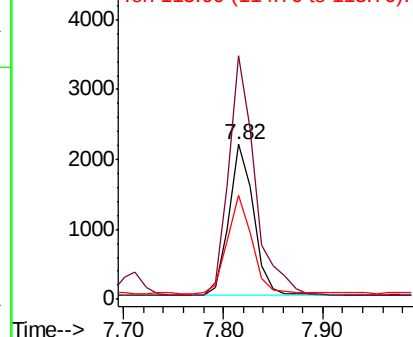
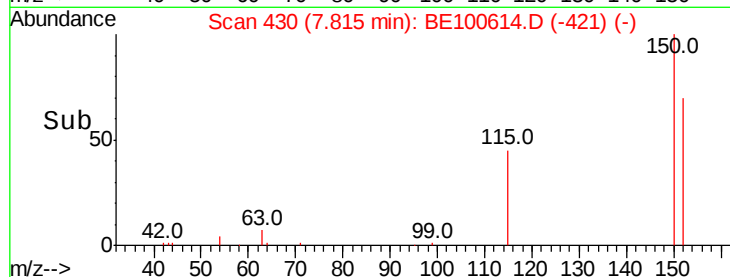
152 100

150 156.9 126.5 189.7

115 67.2 54.6 81.8



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: 0.393 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

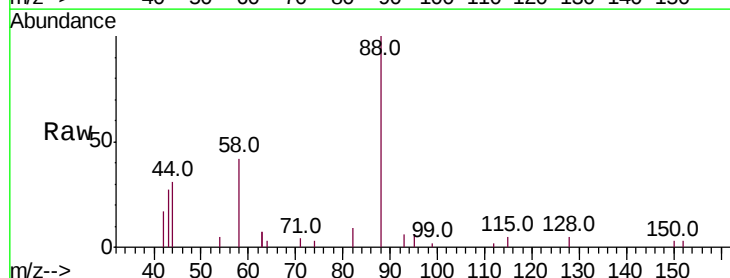
Tgt Ion: 88 Resp: 2467

Ion Ratio Lower Upper

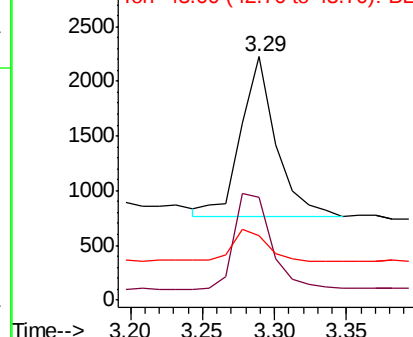
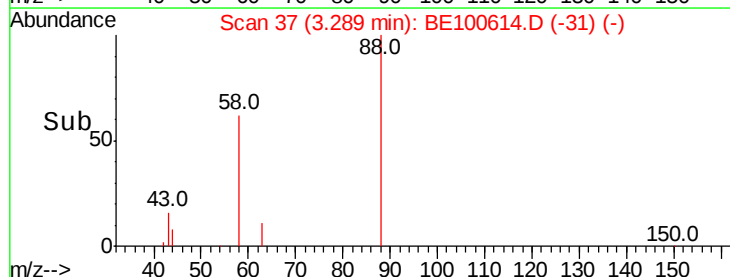
88 100

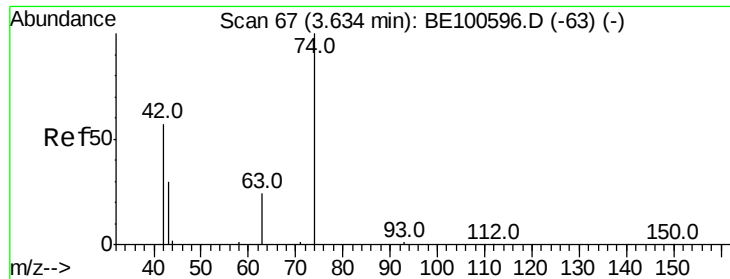
58 63.9 48.1 72.1

43 19.8 14.4 21.6



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: 0.435 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.01 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

Instrument :

BNA_E

ClientSampled :

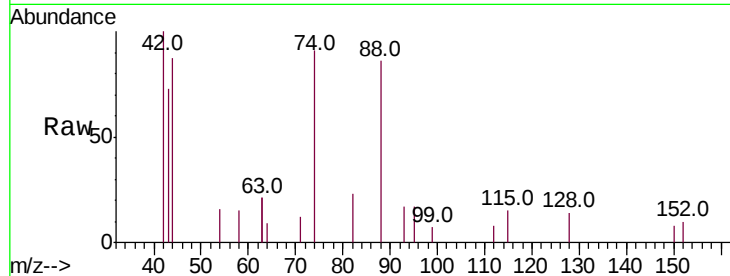
Tot Ion: 42 Resp: 1283

Ion Ratio Lower Upper

42 100

74 180.9 136.2 204.2

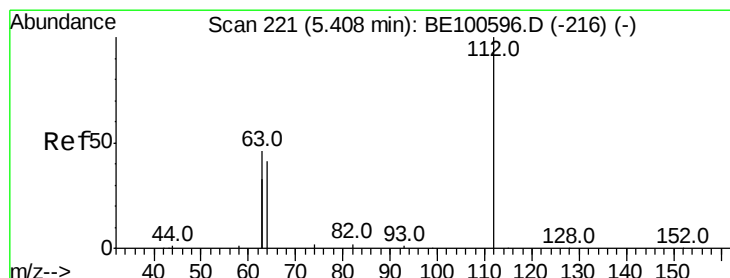
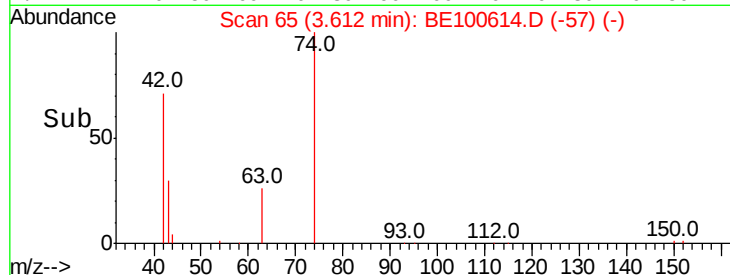
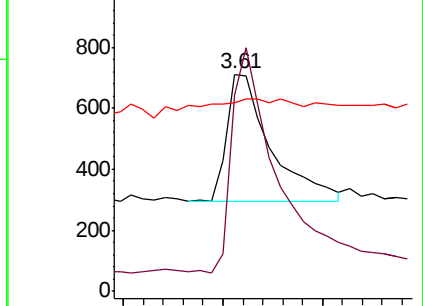
44 15.3 7.4 11.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.442 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

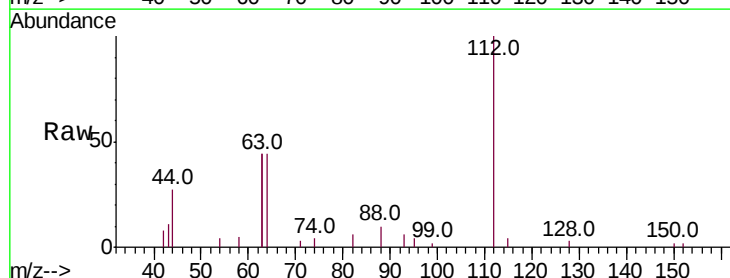
Tgt Ion: 112 Resp: 4445

Ion Ratio Lower Upper

112 100

64 55.6 43.7 65.5

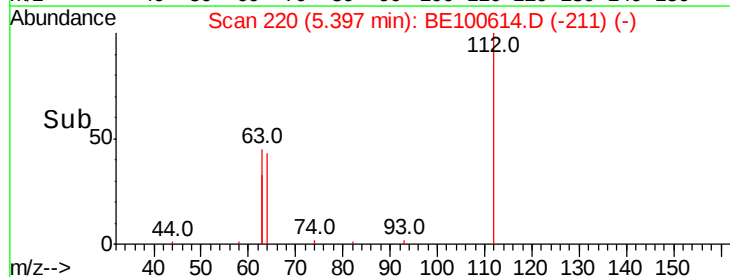
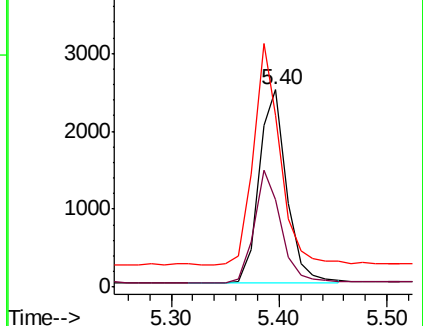
63 109.0 84.5 126.7

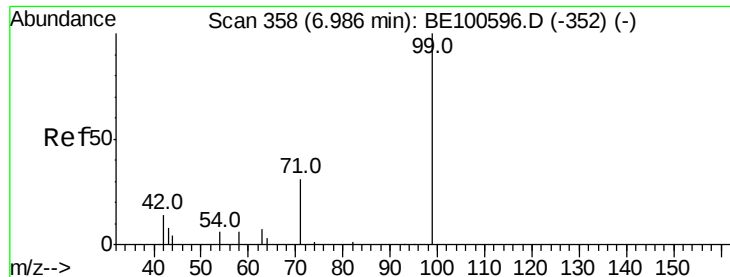


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.452 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

Instrument :

BNA_E

ClientSampleId :

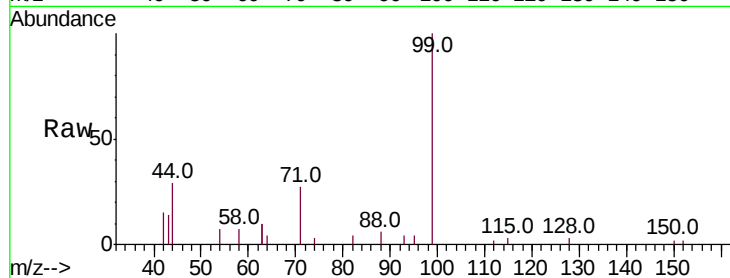
Tot Ion: 99 Resp: 5710

Ion Ratio Lower Upper

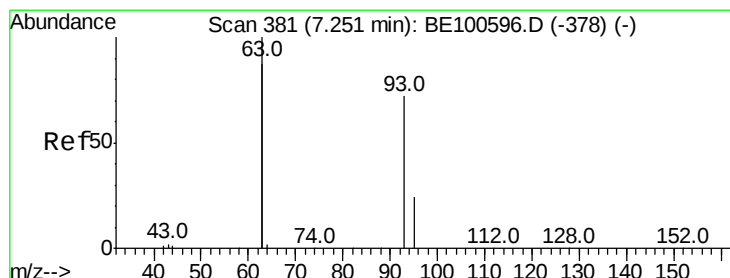
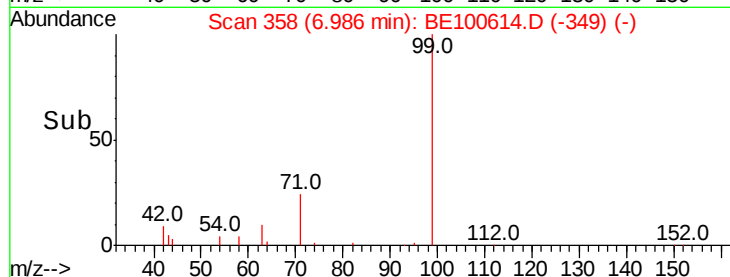
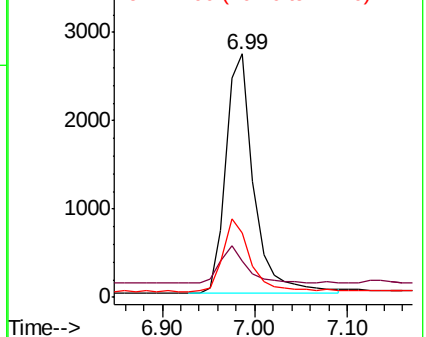
99 100

42 14.6 11.7 17.5

71 29.7 23.0 34.4



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: 0.401 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

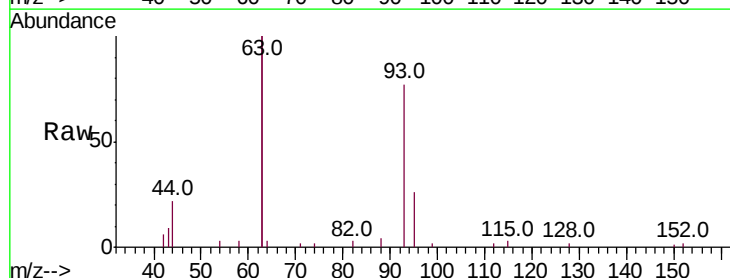
Tgt Ion: 93 Resp: 4693

Ion Ratio Lower Upper

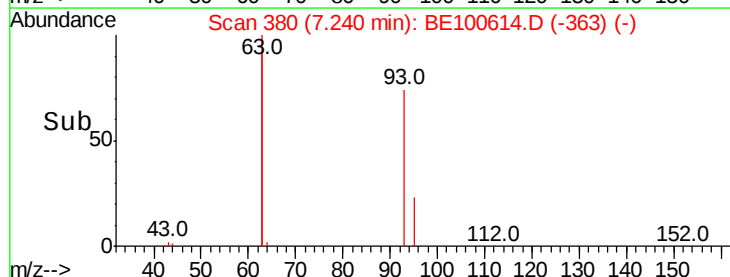
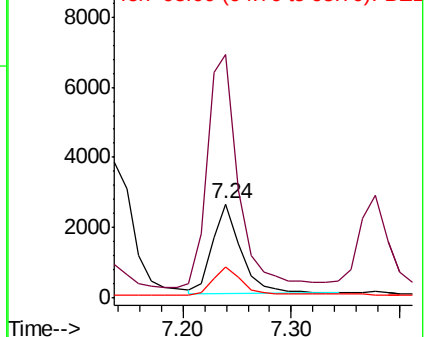
93 100

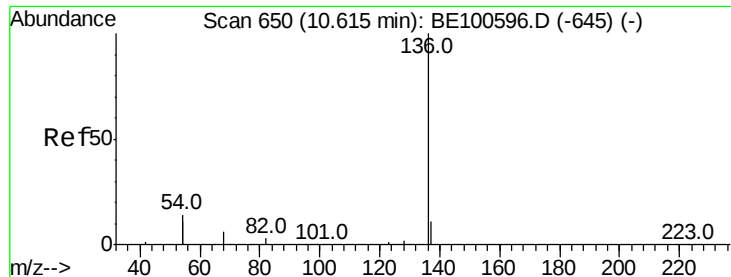
63 282.8 221.0 331.4

95 32.0 25.4 38.0



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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 17858

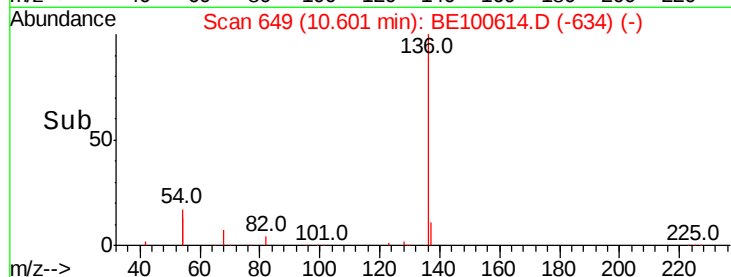
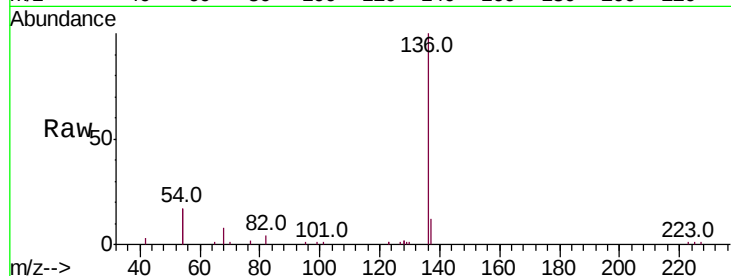
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 33.2 22.4 33.6

68 7.7 5.2 7.8

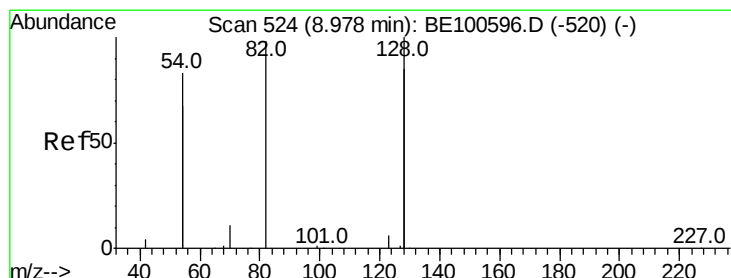
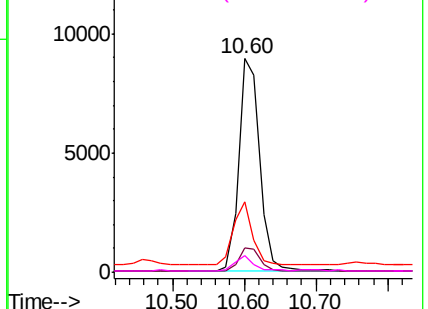


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.409 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

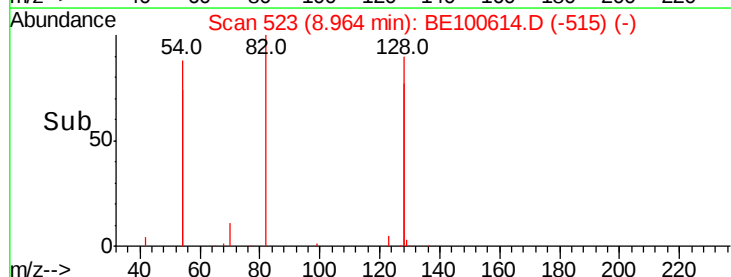
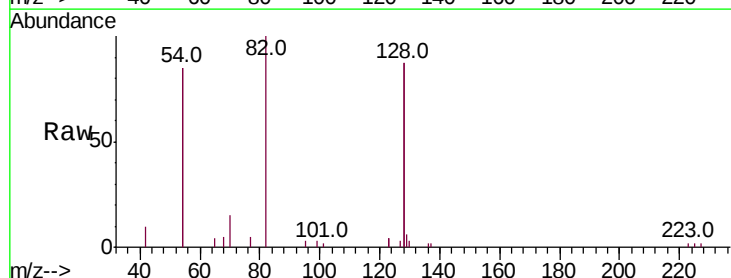
Tgt Ion: 82 Resp: 4563

Ion Ratio Lower Upper

82 100

128 174.6 154.7 232.1

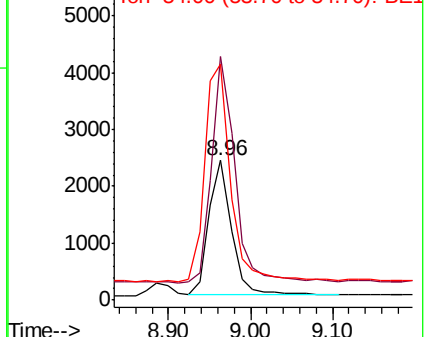
54 169.3 128.5 192.7

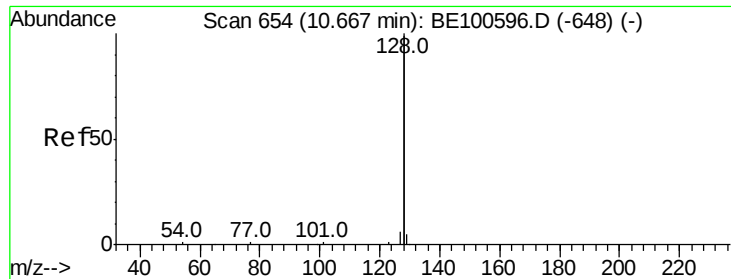


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.394 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

Instrument :

BNA_E

ClientSampleId :

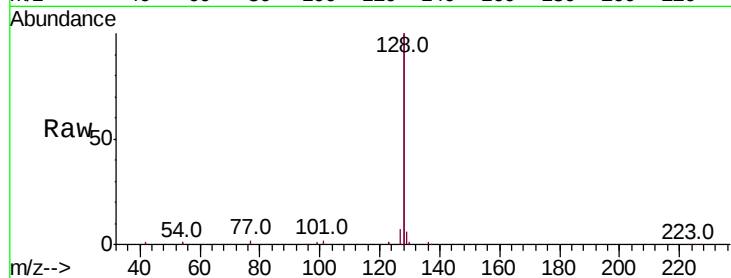
Tot Ion:128 Resp: 72494

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.4

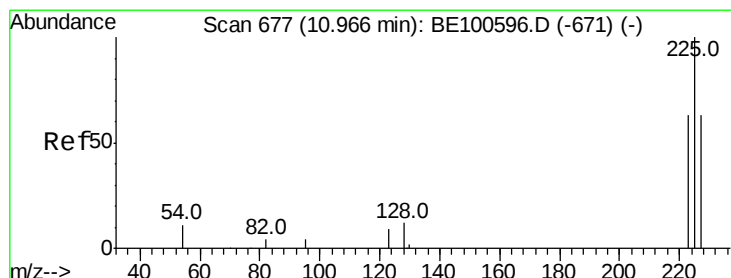
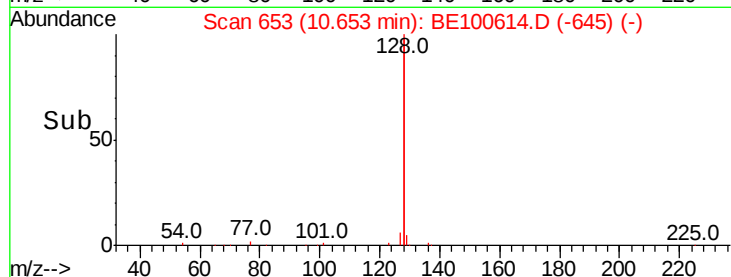
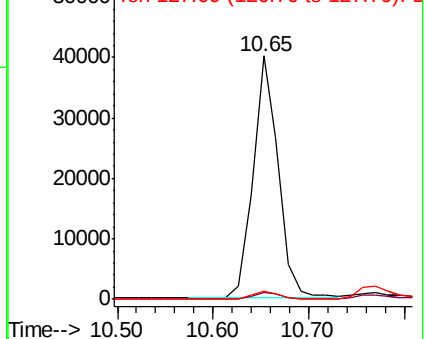
127 3.4 2.6 4.0



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: 0.375 ng

RT: 10.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

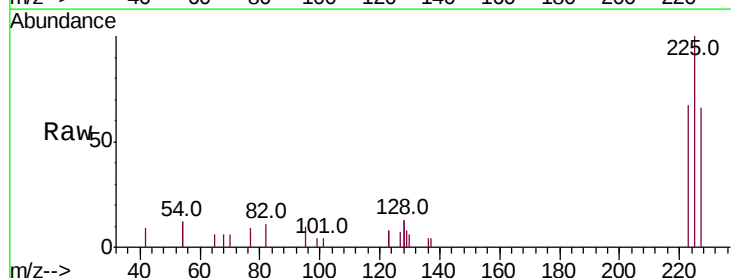
Tgt Ion:225 Resp: 2228

Ion Ratio Lower Upper

225 100

223 65.1 49.8 74.8

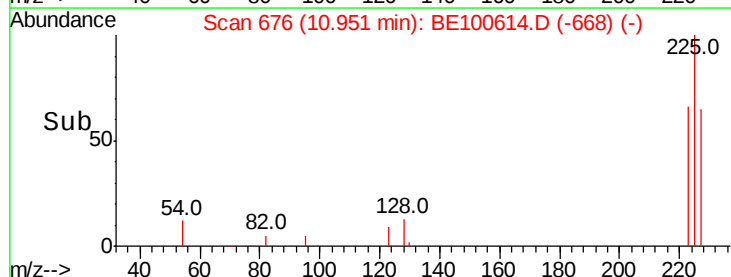
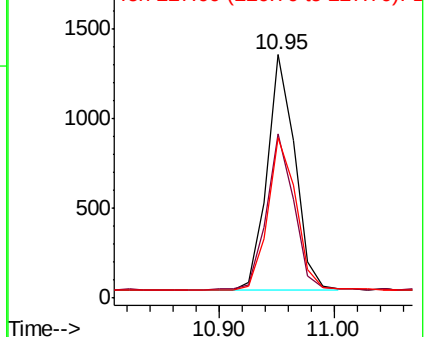
227 65.5 50.1 75.1

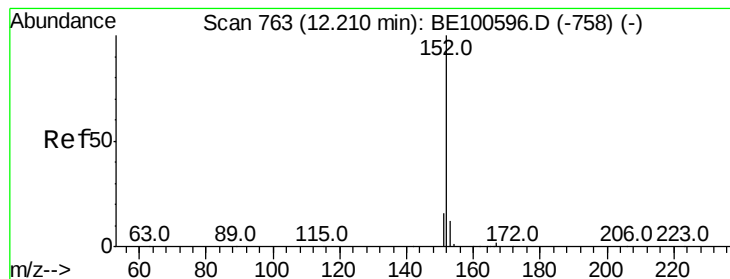


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

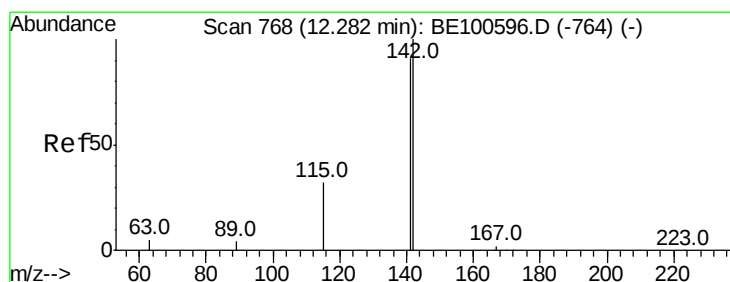
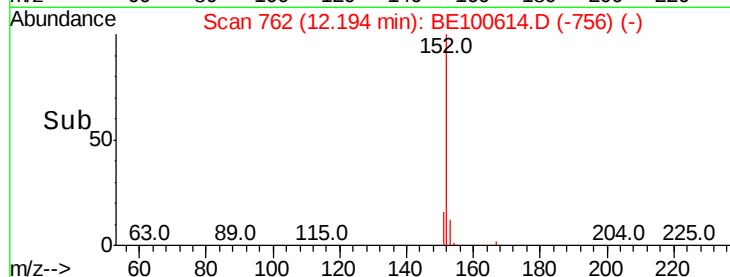
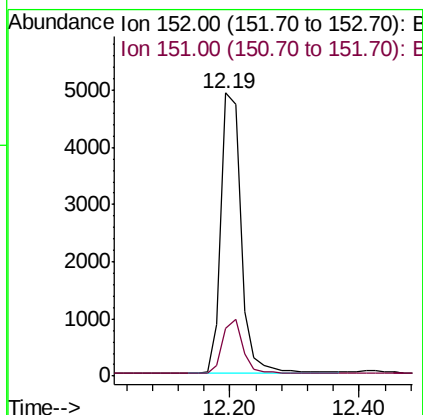
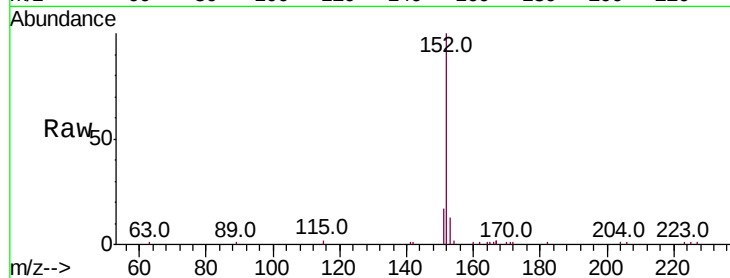




#11
 2-Methylnaphthalene-d10
 Concen: 0.395 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.02 min
 Lab File: BE100614.D
 Acq: 8 Oct 2019 18:28

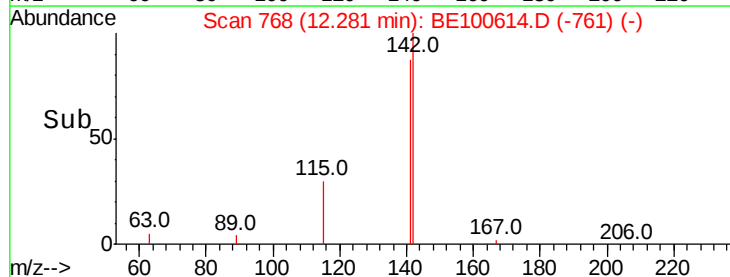
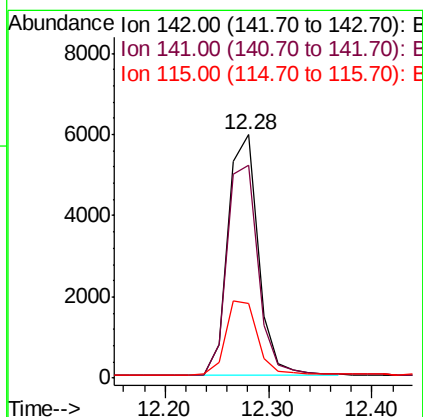
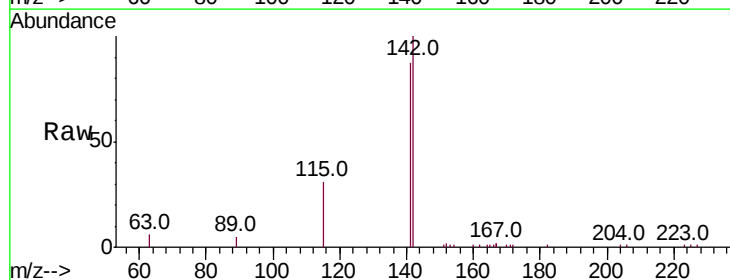
Instrument :
 BNA_E
 ClientSampled :

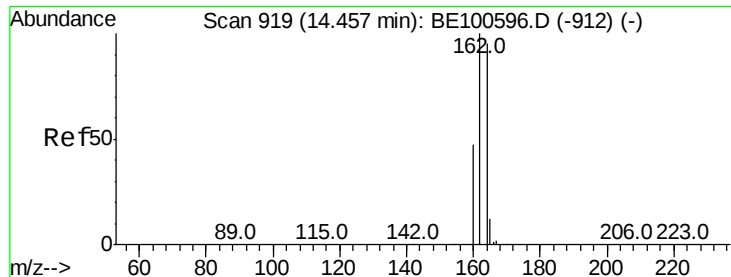
Tot Ion:152 Resp: 10556
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.402 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE100614.D
 Acq: 8 Oct 2019 18:28

Tgt Ion:142 Resp: 12163
 Ion Ratio Lower Upper
 142 100
 141 87.5 72.6 108.8
 115 30.9 26.6 40.0

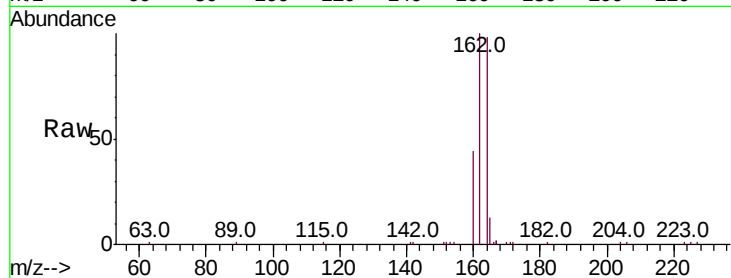




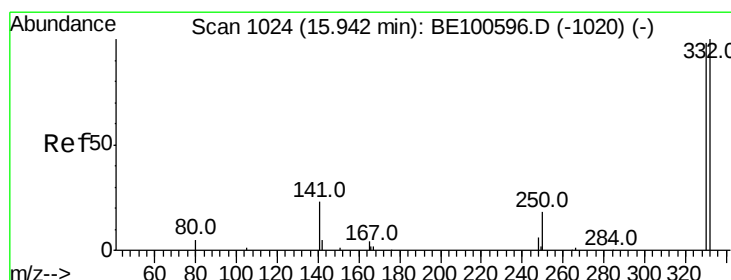
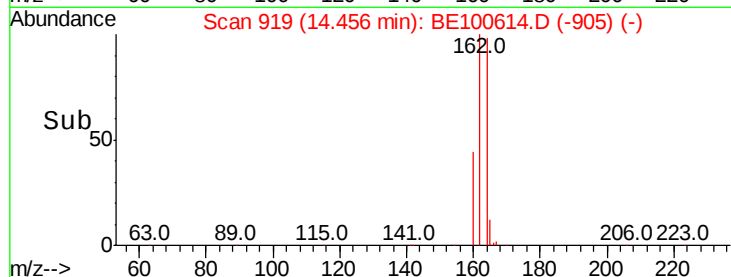
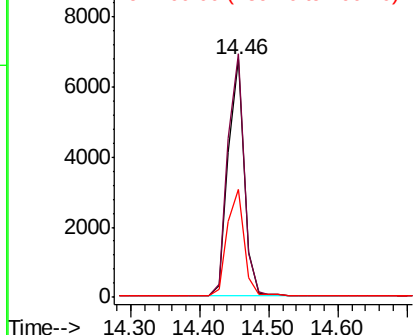
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 10874
Ion Ratio Lower Upper
164 100
162 102.4 84.2 126.4
160 45.2 40.2 60.4

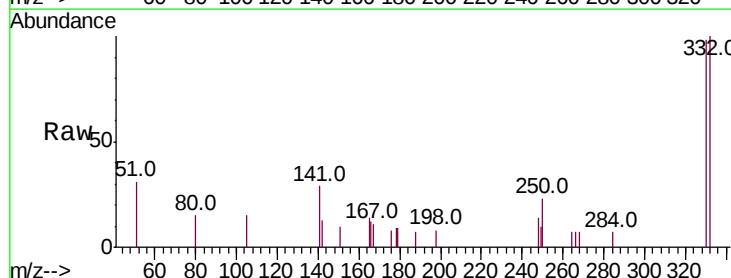


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

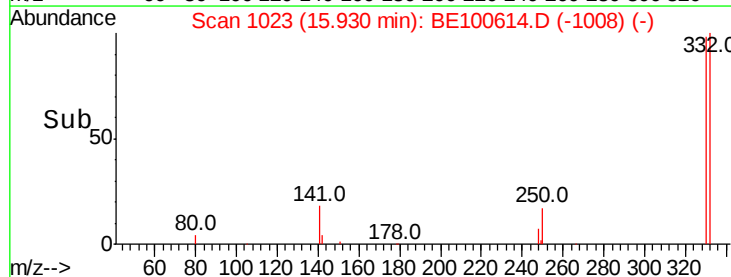
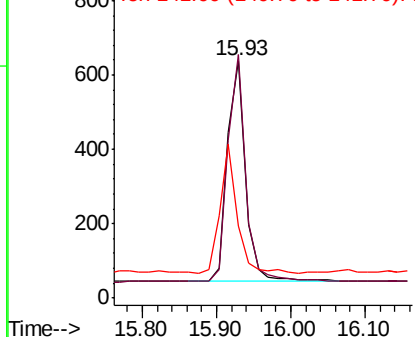


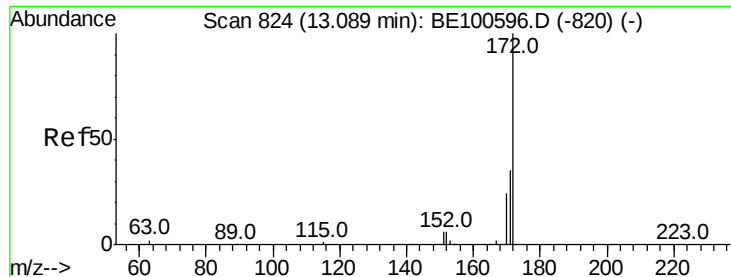
#14
2,4,6-Tribromophenol
Concen: 0.407 ng
RT: 15.93 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion:330 Resp: 1010
Ion Ratio Lower Upper
330 100
332 101.0 78.5 117.7
141 56.7 39.4 59.0



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

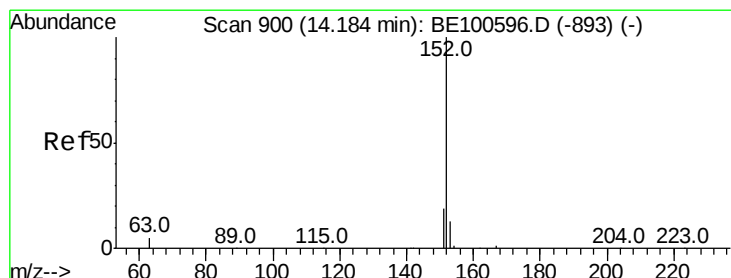
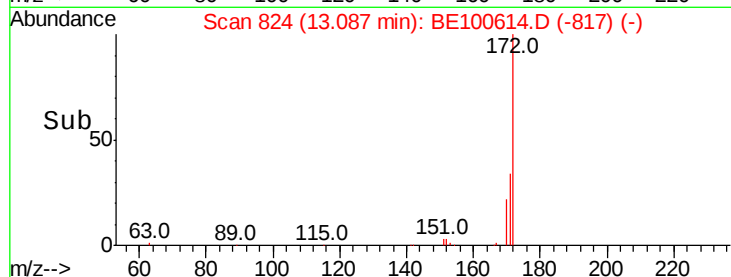
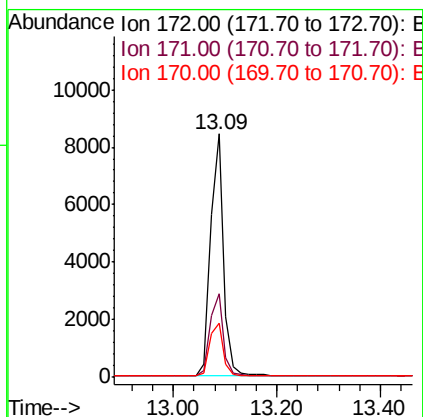
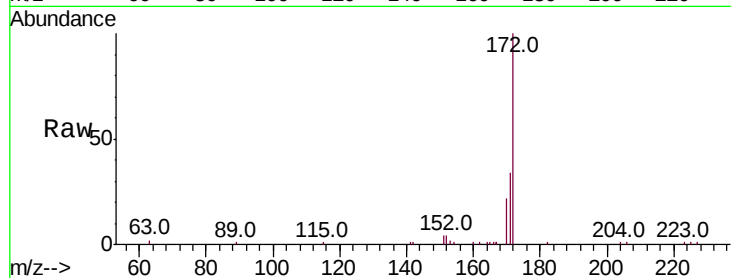




#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

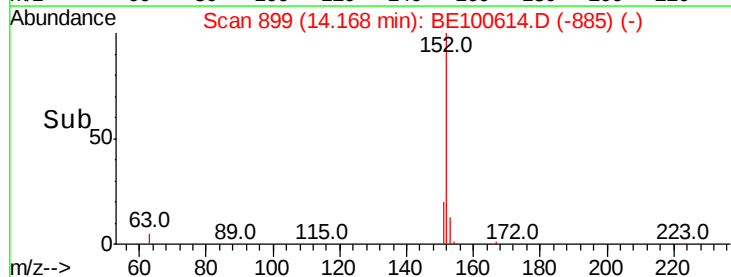
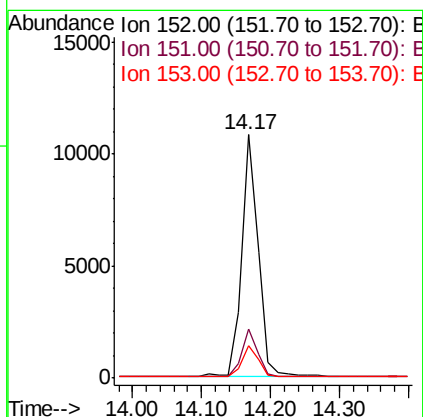
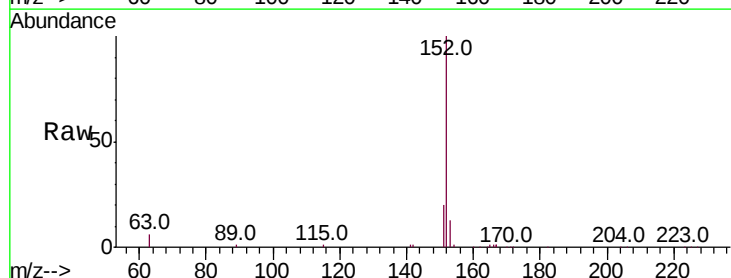
Instrument :
BNA_E
ClientSampleId :

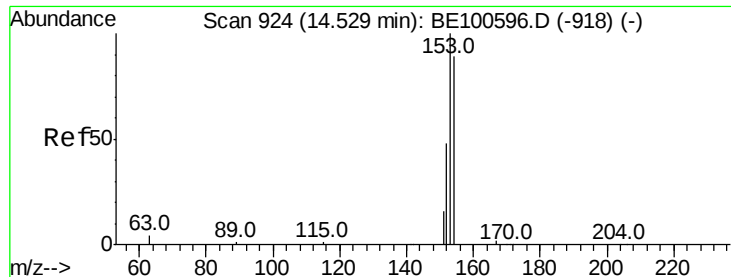
Tot Ion:172 Resp: 14958
Ion Ratio Lower Upper
172 100
171 34.1 28.7 43.1
170 22.3 19.8 29.8



#16
Acenaphthylene
Concen: 0.387 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion:152 Resp: 17878
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 12.9 10.4 15.6





#17

Acenaphthene

Concen: 0.394 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

Instrument :

BNA_E

ClientSampleId :

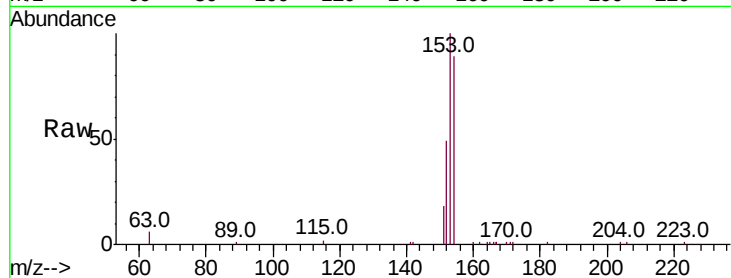
Tot Ion:154 Resp: 12187

Ion Ratio Lower Upper

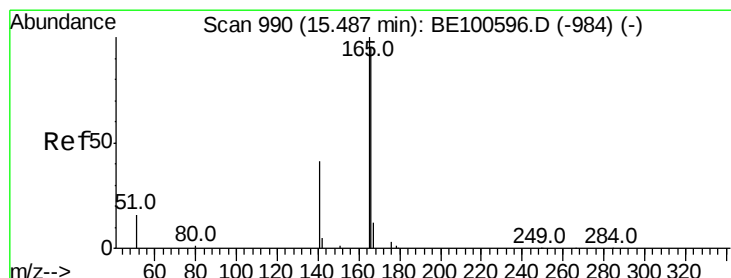
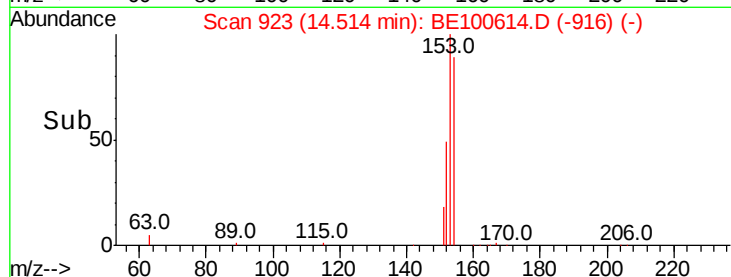
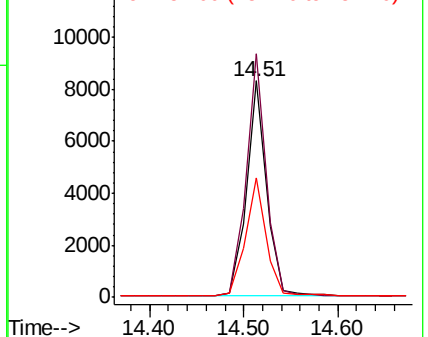
154 100

153 112.9 92.3 138.5

152 56.2 46.2 69.2



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: 0.387 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

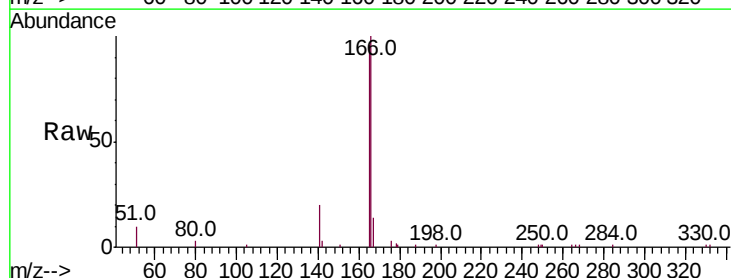
Tgt Ion:166 Resp: 15303

Ion Ratio Lower Upper

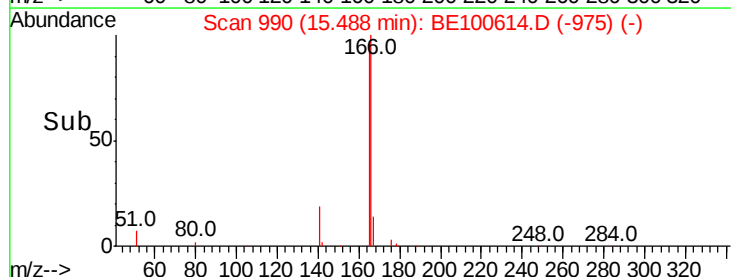
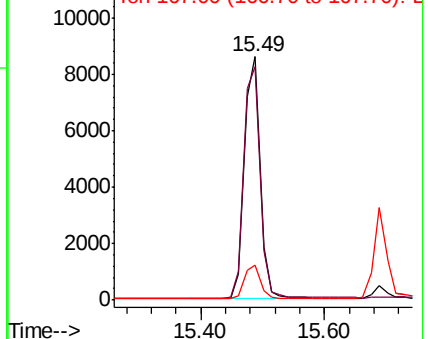
166 100

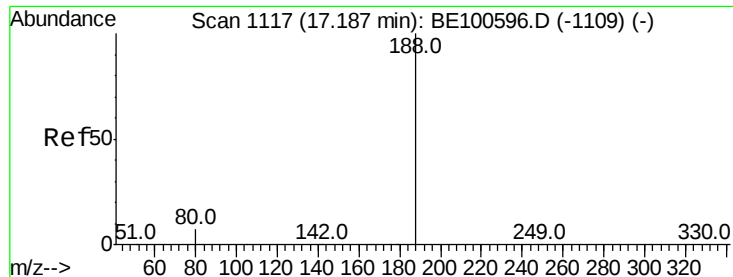
165 99.3 80.4 120.6

167 13.6 10.6 15.8



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

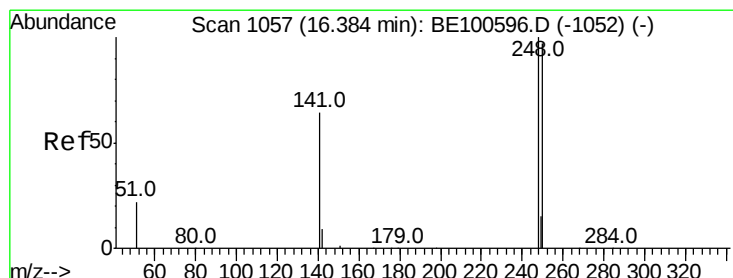
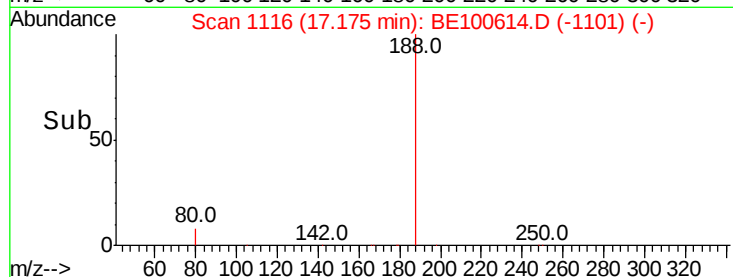
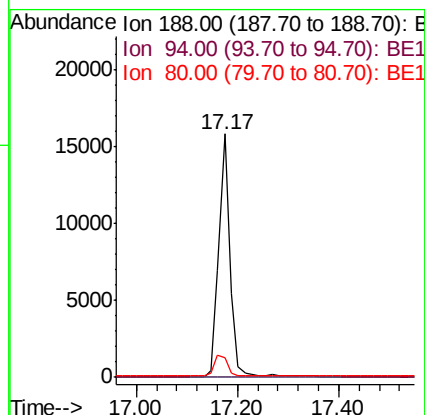
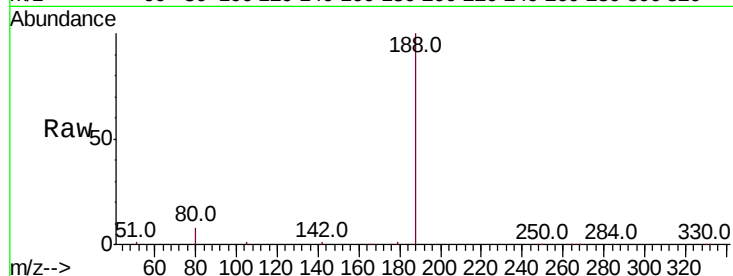




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

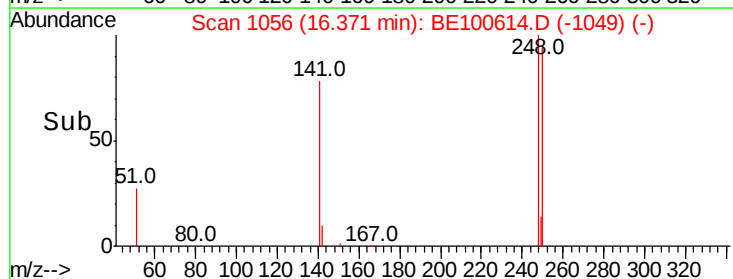
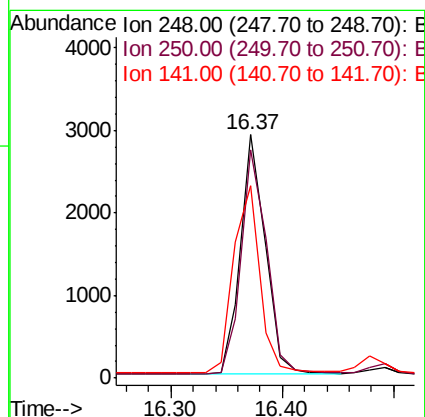
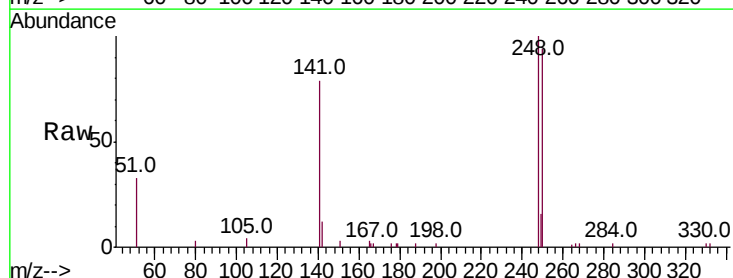
Instrument :
BNA_E
ClientSampleId :

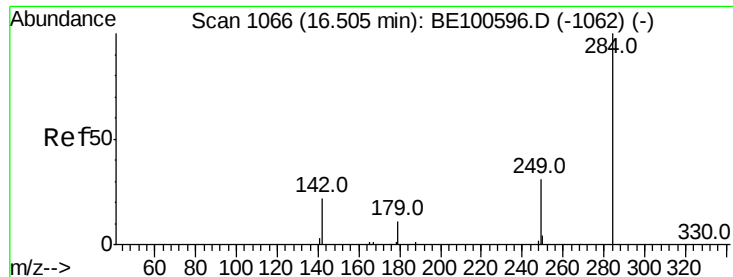
Tot Ion:188 Resp: 24161
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 6.2 9.2



#20
4-Bromophenyl-phenylether
Concen: 0.380 ng
RT: 16.37 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion:248 Resp: 4544
Ion Ratio Lower Upper
248 100
250 93.9 77.4 116.0
141 79.2 52.1 78.1#





#21

Hexachlorobenzene

Concen: 0.376 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

Instrument :

BNA_E

ClientSampleId :

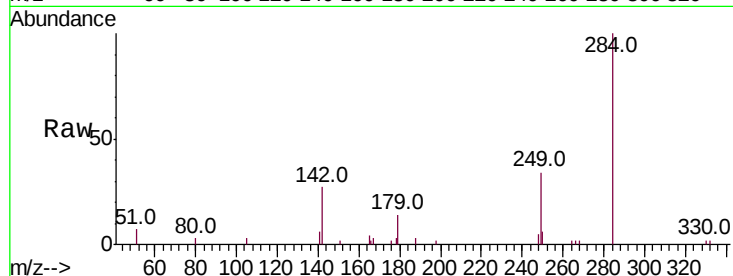
Tot Ion:284 Resp: 3787

Ion Ratio Lower Upper

284 100

142 46.2 35.1 52.7

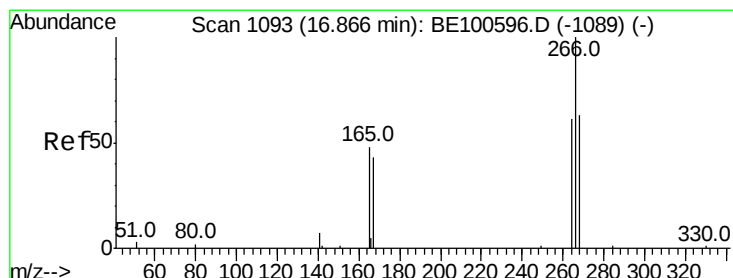
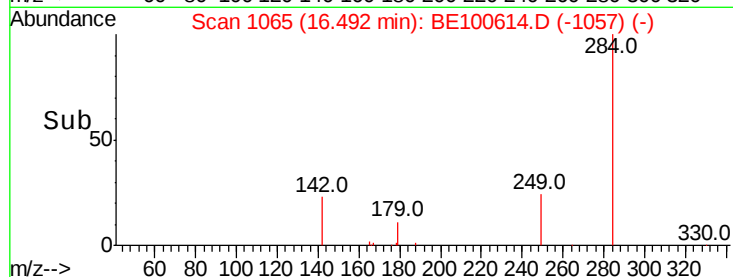
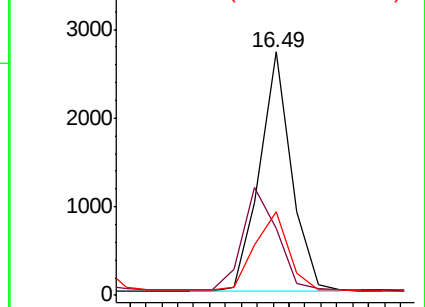
249 35.0 27.2 40.8



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: 0.590 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

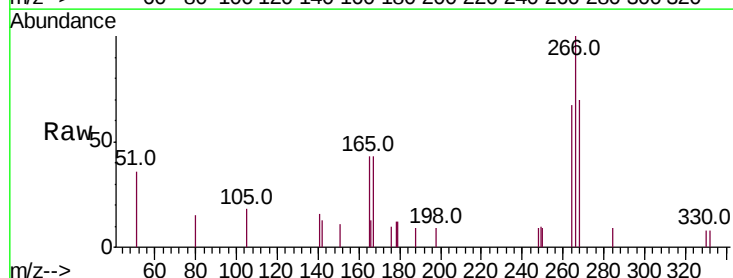
Tgt Ion:266 Resp: 1162

Ion Ratio Lower Upper

266 100

264 67.1 56.3 84.5

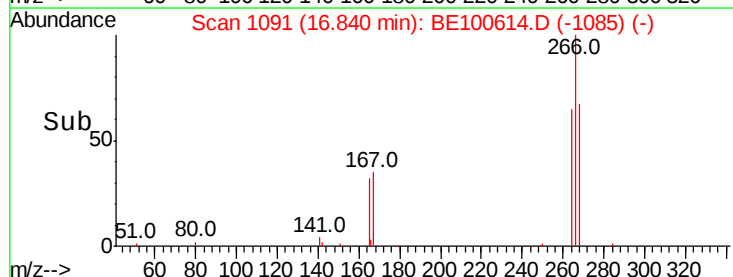
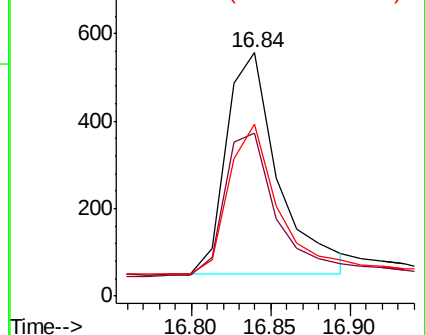
268 70.4 60.3 90.5

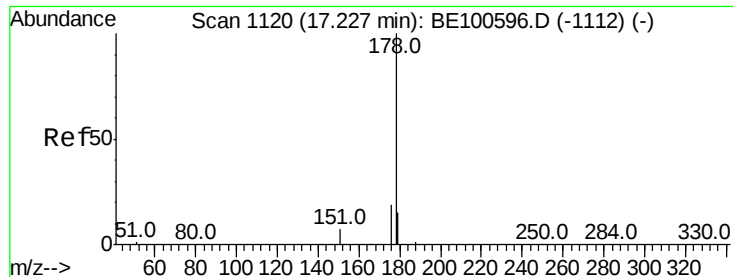


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.401 ng

RT: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

Instrument :

BNA_E

ClientSampleId :

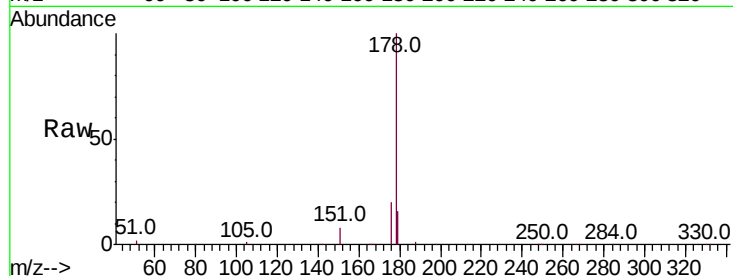
Tot Ion:178 Resp: 27590

Ion Ratio Lower Upper

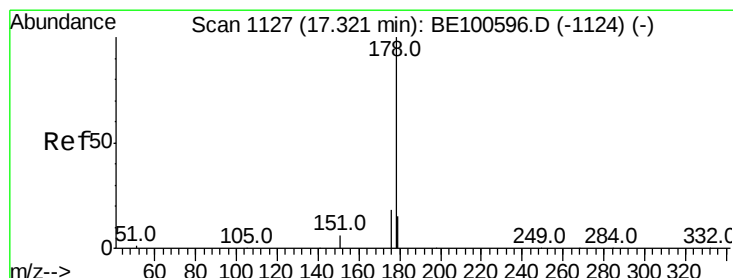
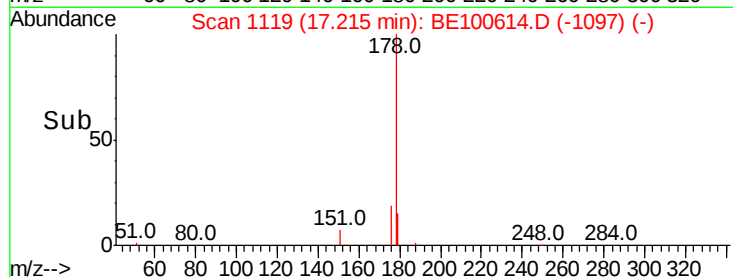
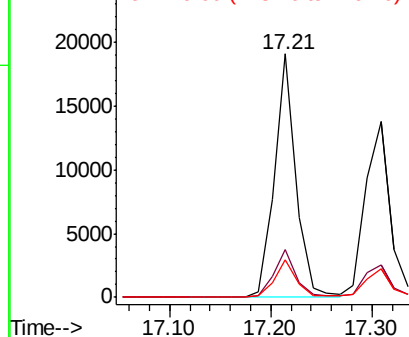
178 100

176 19.4 15.4 23.2

179 15.6 12.3 18.5



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: 0.385 ng

RT: 17.31 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

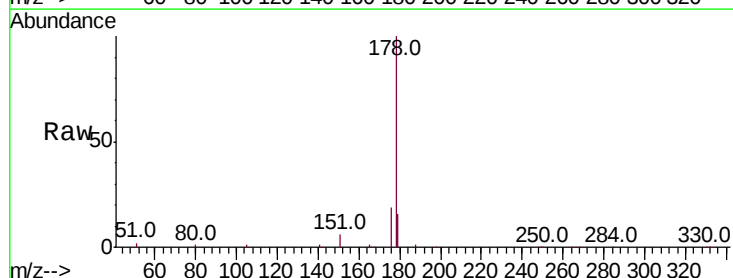
Tgt Ion:178 Resp: 22801

Ion Ratio Lower Upper

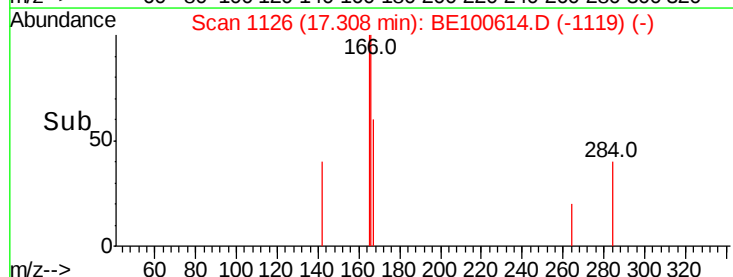
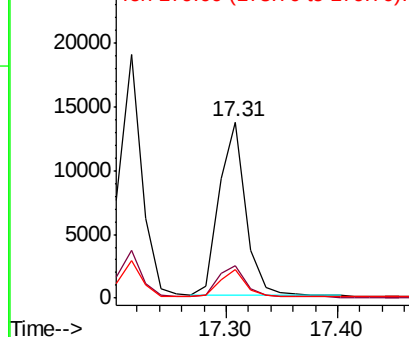
178 100

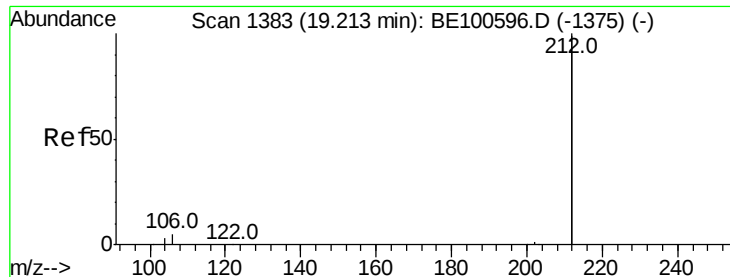
176 18.9 14.7 22.1

179 15.1 12.2 18.4



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

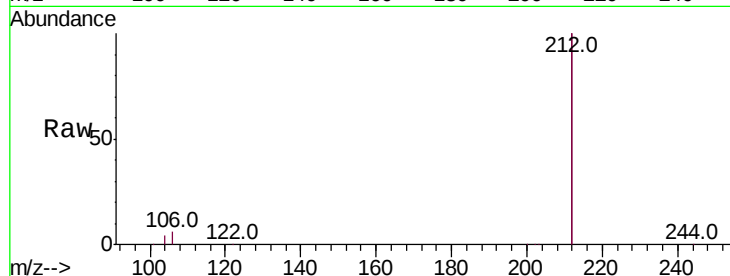




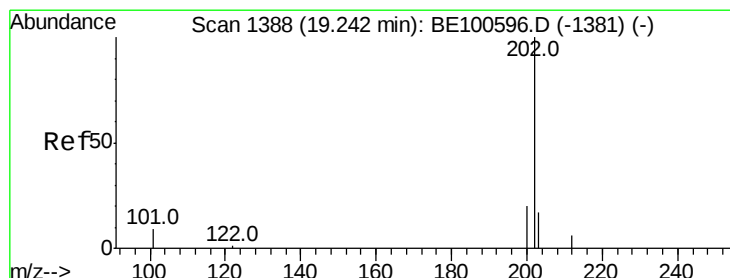
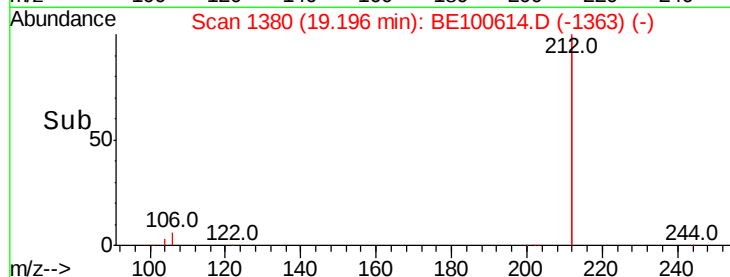
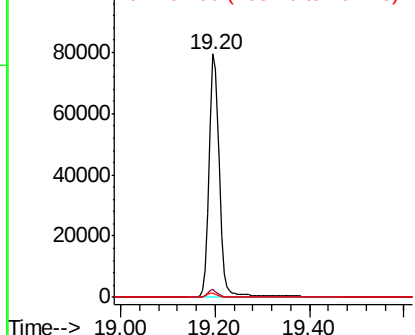
#25
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:212 Resp: 116384
Ion Ratio Lower Upper
212 100
106 3.1 2.3 3.5
104 1.6 1.3 1.9

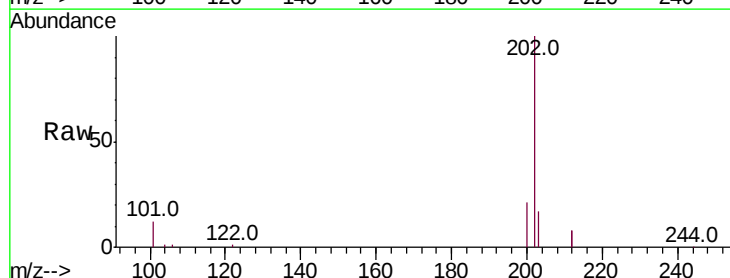


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

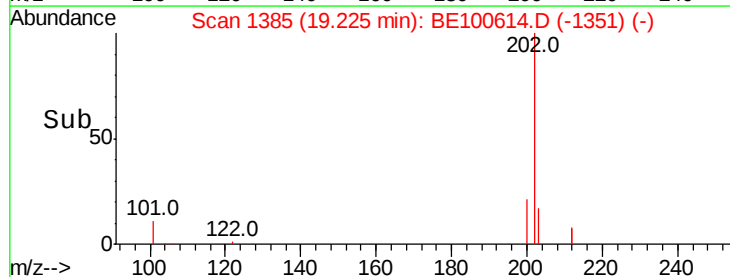
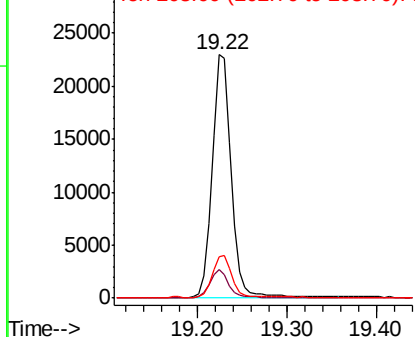


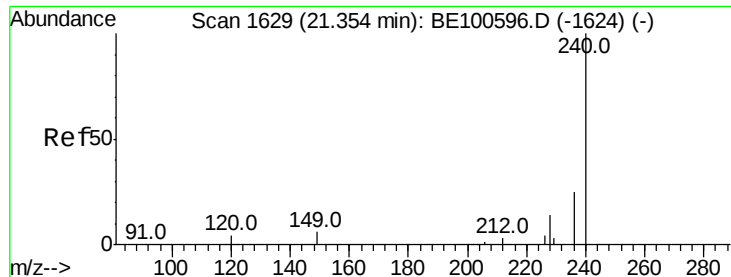
#26
Fluoranthene
Concen: 0.396 ng
RT: 19.22 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion:202 Resp: 33558
Ion Ratio Lower Upper
202 100
101 11.0 8.6 12.8
203 17.2 13.8 20.6



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: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

Instrument :

BNA_E

ClientSampleId :

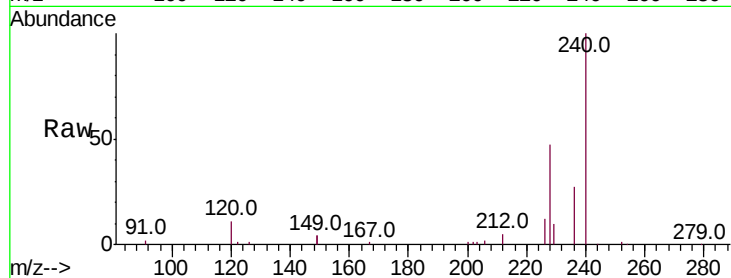
Tot Ion:240 Resp: 30680

Ion Ratio Lower Upper

240 100

120 10.9 3.6 5.4#

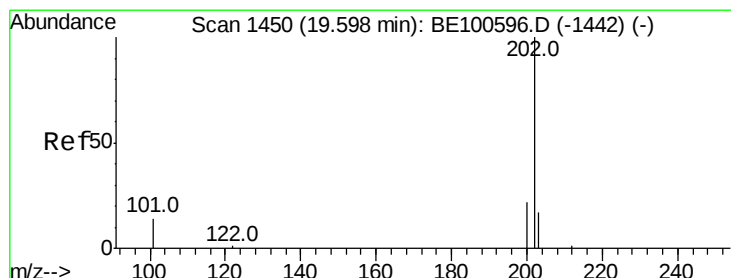
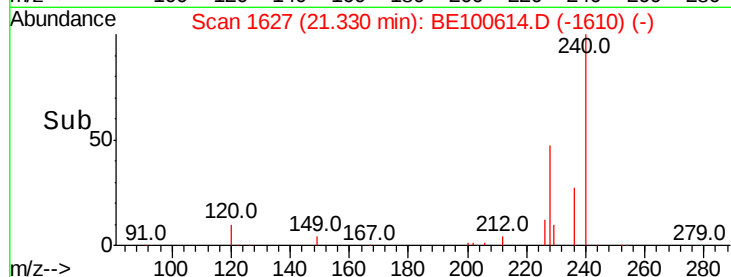
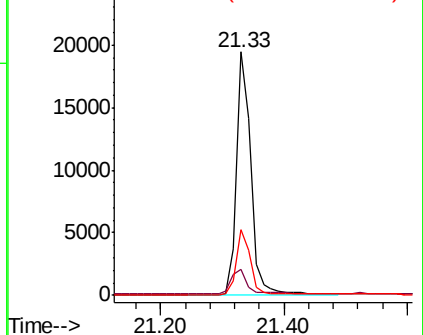
236 27.2 20.5 30.7



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

Pyrene

Concen: 0.450 ng

RT: 19.59 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

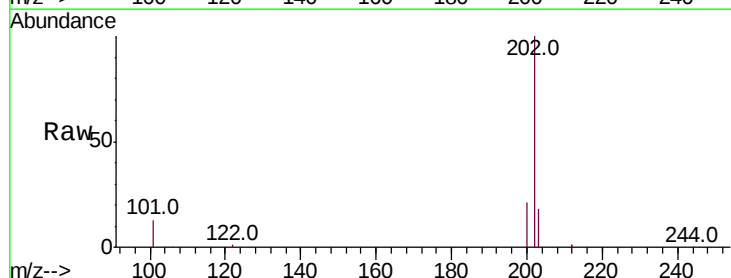
Tgt Ion:202 Resp: 35380

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

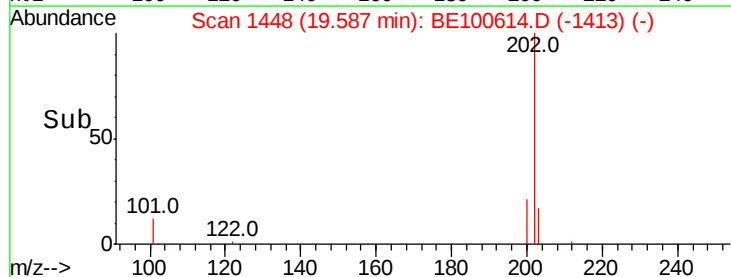
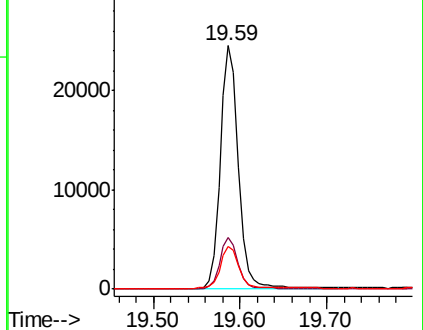
203 17.7 14.1 21.1

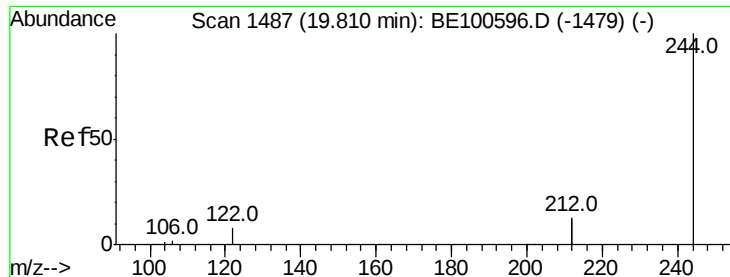


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.418 ng

RT: 19.79 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

Instrument :

BNA_E

ClientSampleId :

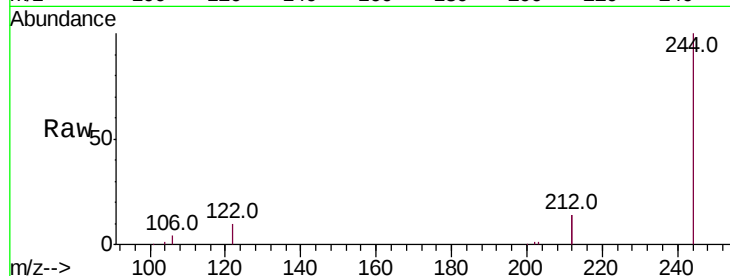
Tot Ion:244 Resp: 28310

Ion Ratio Lower Upper

244 100

212 27.4 20.6 31.0

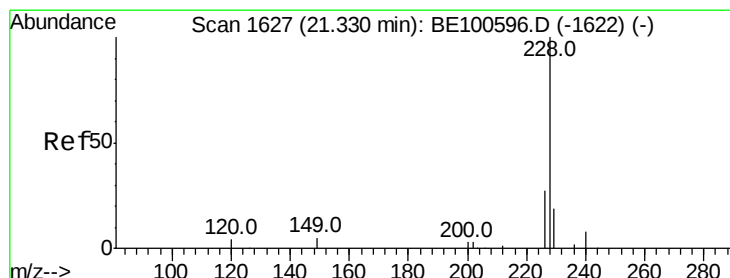
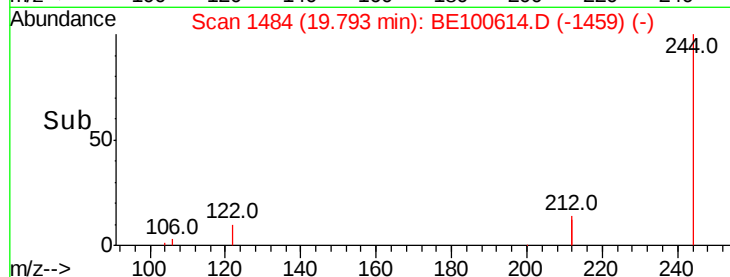
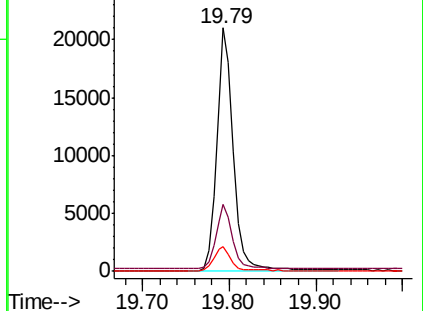
122 10.1 6.5 9.7#



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: 0.398 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

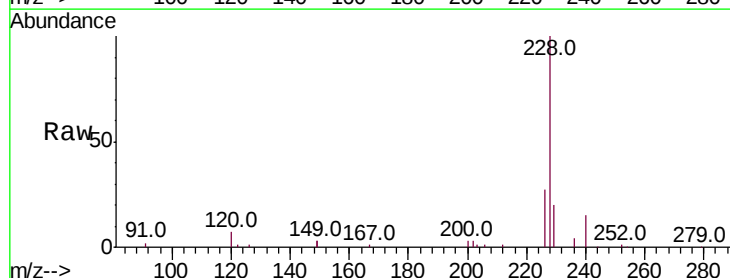
Tgt Ion:228 Resp: 34142

Ion Ratio Lower Upper

228 100

226 27.0 21.5 32.3

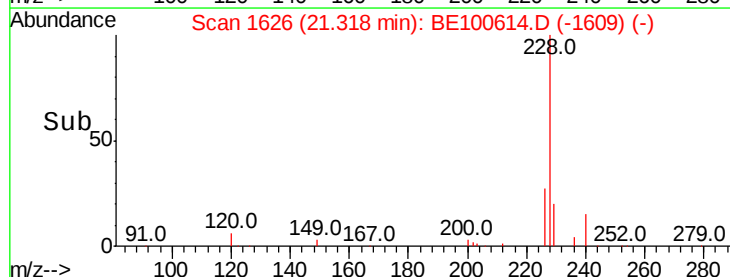
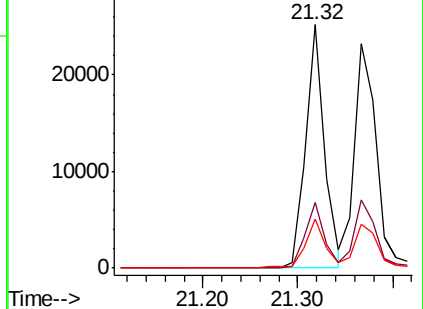
229 20.4 15.6 23.4

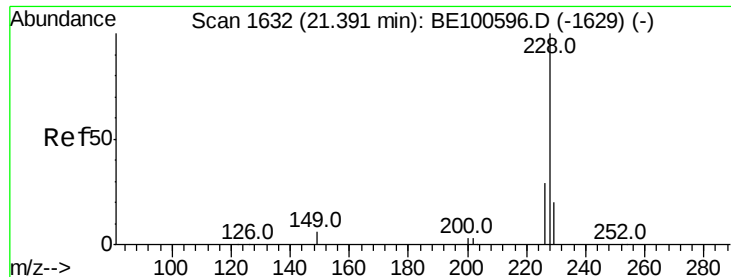


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.391 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

Instrument :

BNA_E

ClientSampleId :

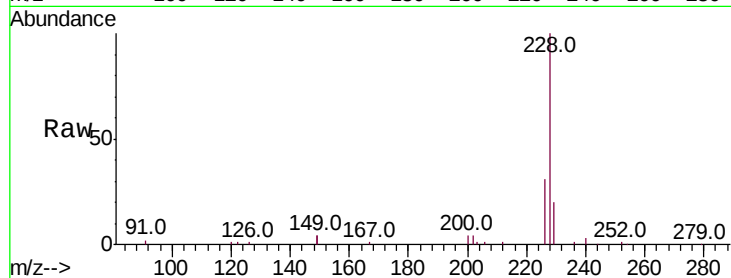
Tot Ion:228 Resp: 35851

Ion Ratio Lower Upper

228 100

226 30.5 22.7 34.1

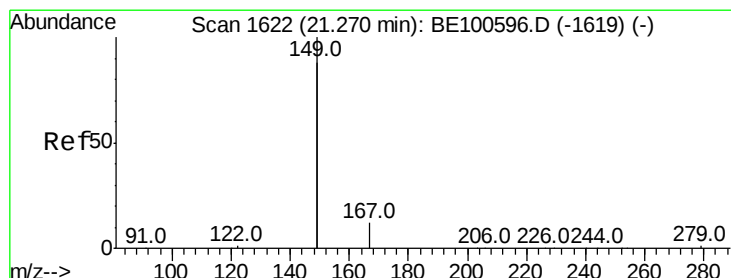
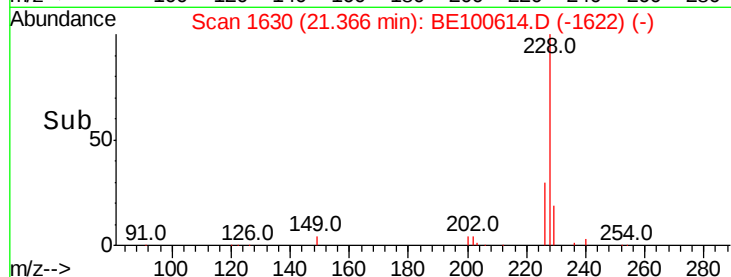
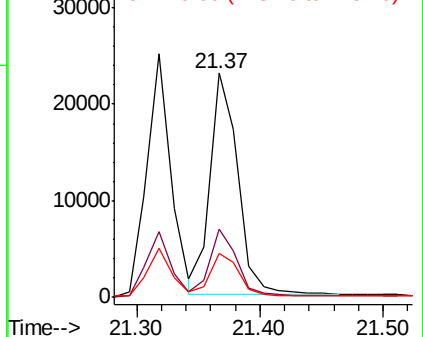
229 19.7 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.453 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

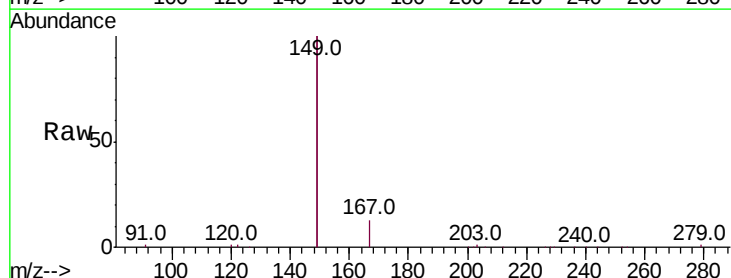
Tgt Ion:149 Resp: 74235

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

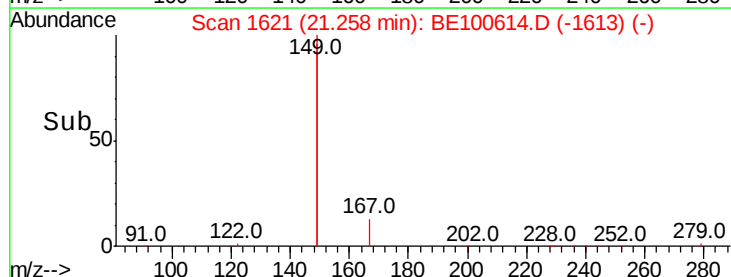
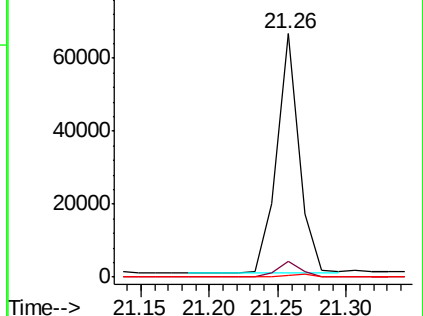
279 1.1 0.9 1.3

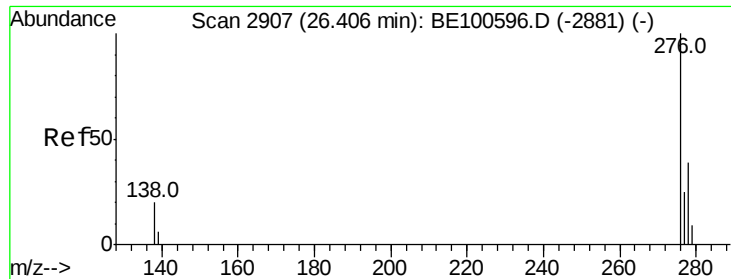


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.387 ng

RT: 26.37 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

Instrument :

BNA_E

ClientSampleId :

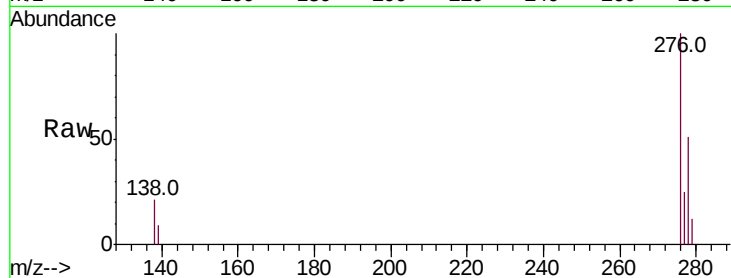
Tot Ion:276 Resp: 41781

Ion Ratio Lower Upper

276 100

138 23.8 17.8 26.8

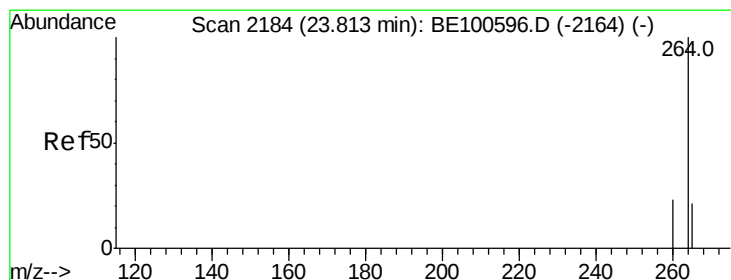
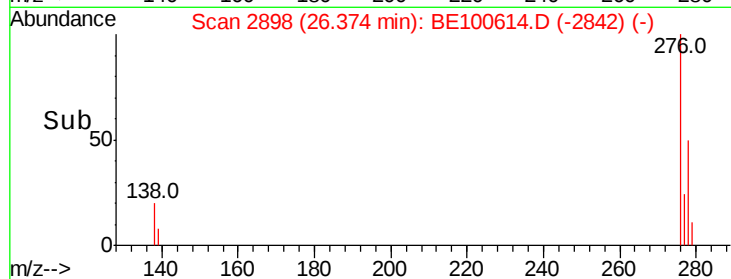
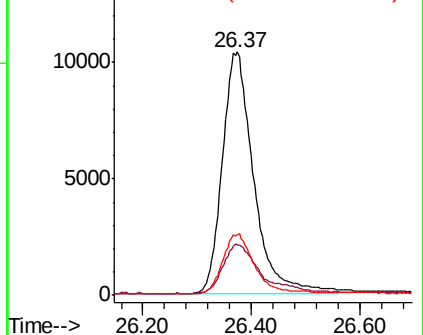
277 24.8 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.79 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

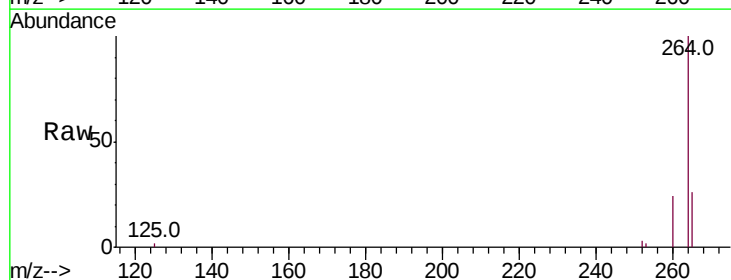
Tgt Ion:264 Resp: 35971

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.4

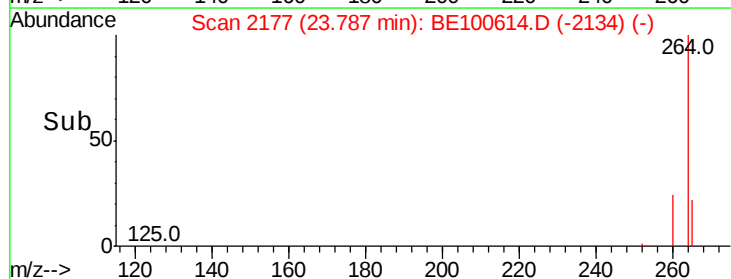
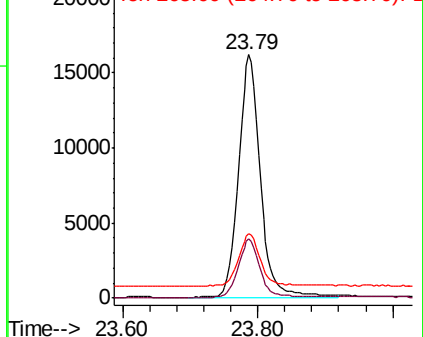
265 26.4 20.9 31.3

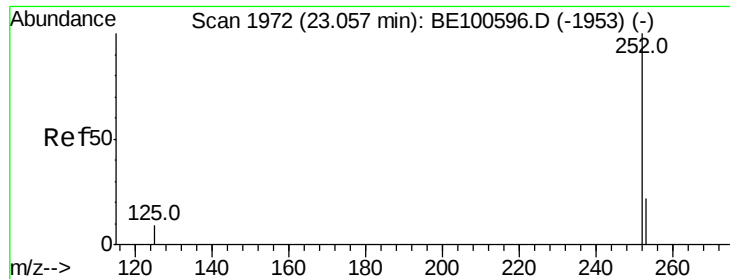


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

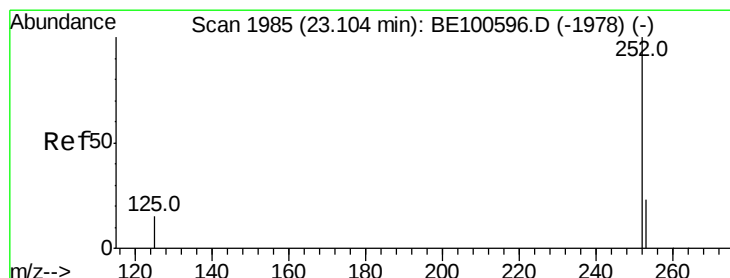
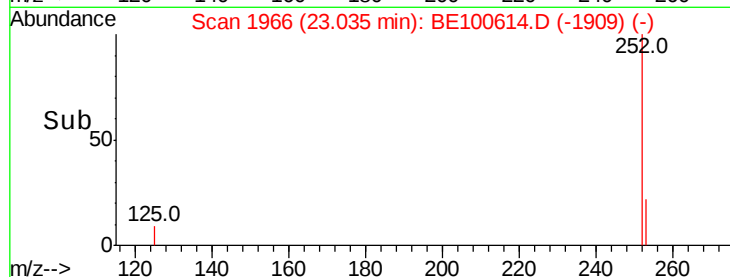
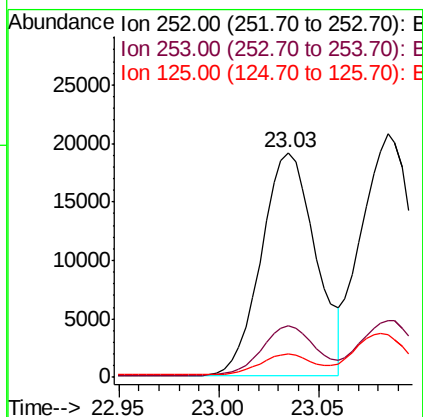
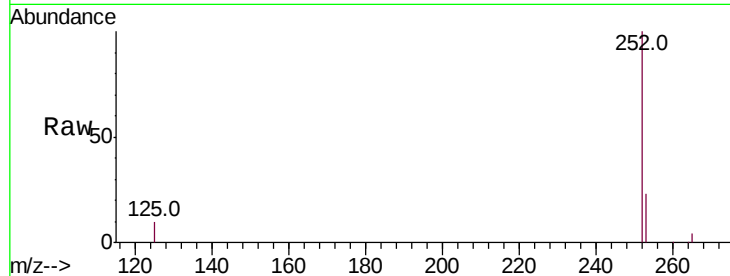




#35
Benzo(b)fluoranthene
Concen: 0.370 ng
RT: 23.03 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

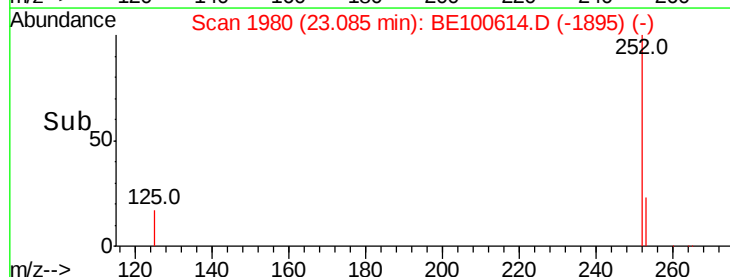
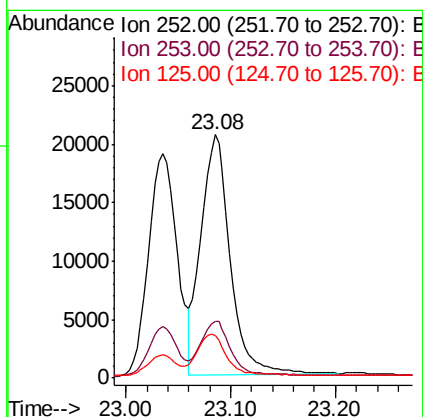
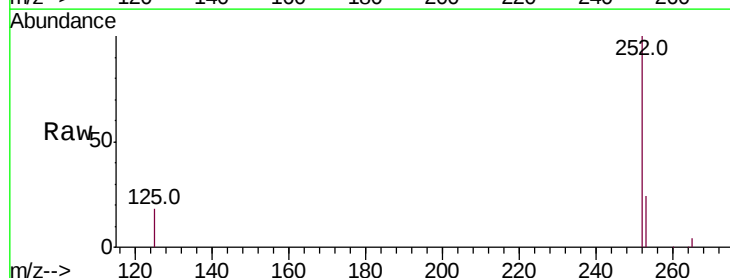
Instrument :
BNA_E
ClientSampleId :

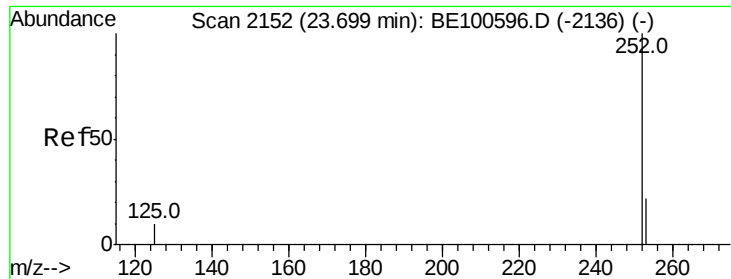
Tot Ion:252 Resp: 36108
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 10.3 7.9 11.9



#36
Benzo(k)fluoranthene
Concen: 0.363 ng
RT: 23.08 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion:252 Resp: 40223
Ion Ratio Lower Upper
252 100
253 23.5 18.6 28.0
125 17.6 11.4 17.0#





#37

Benzo(a)pyrene

Concen: 0.381 ng

RT: 23.67 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

Instrument :

BNA_E

ClientSampleId :

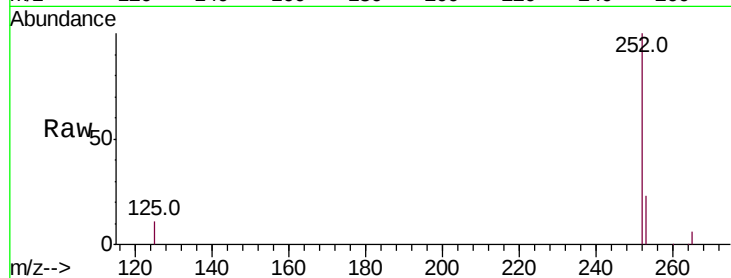
Tot Ion:252 Resp: 34105

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

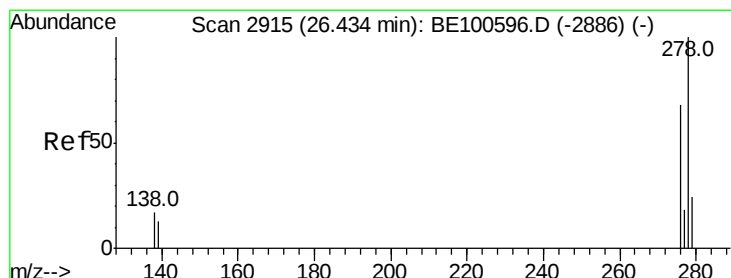
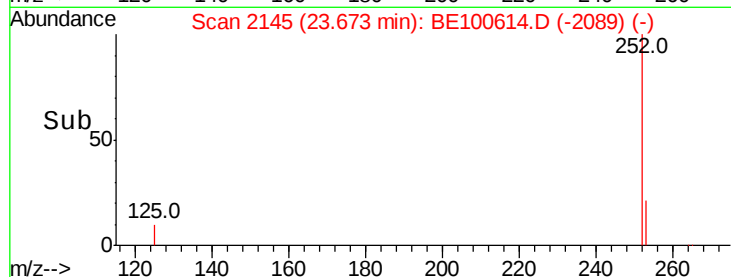
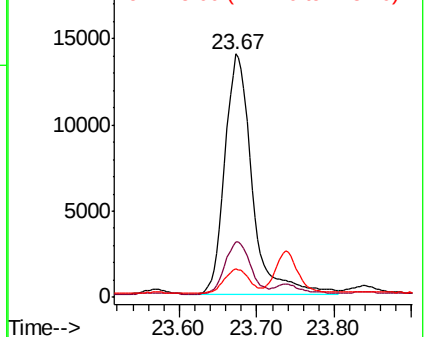
125 11.5 8.8 13.2



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: 0.368 ng

RT: 26.40 min Scan# 2905

Delta R.T. 0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

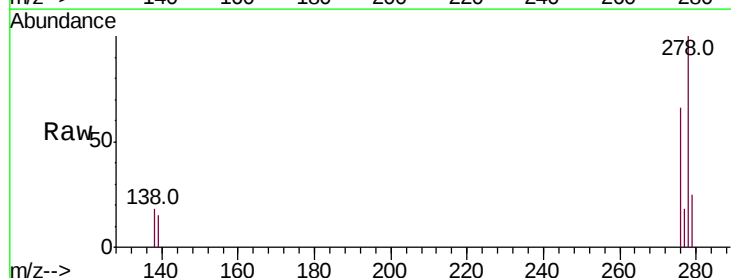
Tgt Ion:278 Resp: 34636

Ion Ratio Lower Upper

278 100

139 14.7 11.0 16.4

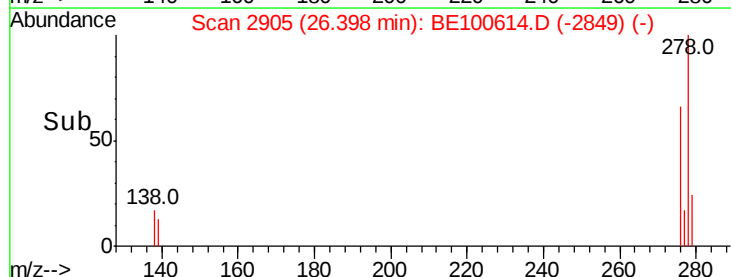
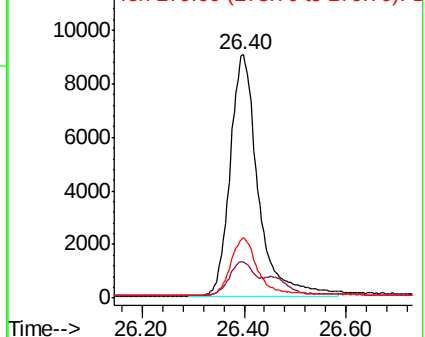
279 24.7 19.7 29.5

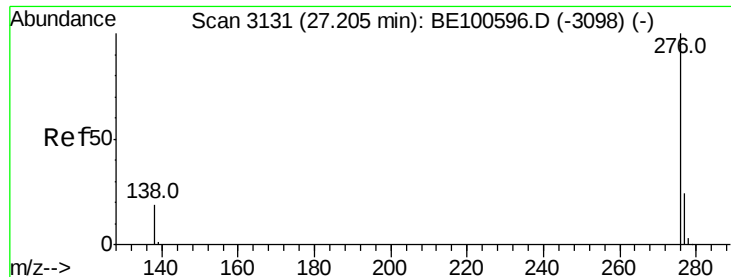


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.371 ng

RT: 27.16 min Scan# 3119

Delta R.T. -0.00 min

Lab File: BE100614.D

Acq: 8 Oct 2019 18:28

Instrument :

BNA_E

ClientSampleId :

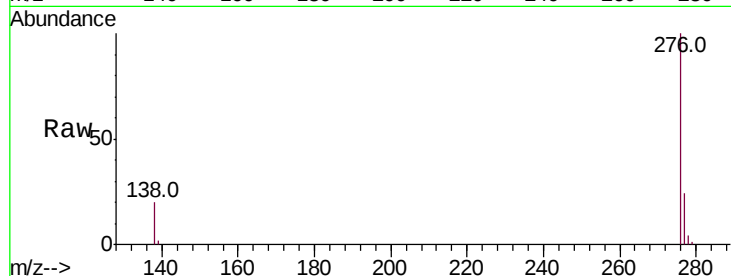
Tot Ion:276 Resp: 35388

Ion Ratio Lower Upper

276 100

277 24.0 19.5 29.3

138 19.6 15.6 23.4



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

