

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
 Data File : BE100675.D
 Acq On : 28 Oct 2019 16:02
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 29 11:52:15 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	3037	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	12952	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	8038	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	18976	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	25222	0.40	ng	0.00
34) Perylene-d12	23.83	264	30557	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.44	112	3872	0.41	ng	0.00
5) Phenol-d6	7.01	99	5340	0.40	ng	0.00
8) Nitrobenzene-d5	8.99	82	4164	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	8842	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	929	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	12657	0.43	ng	0.00
25) Fluoranthene-d10	19.22	212	109278	0.45	ng	0.00
29) Terphenyl-d14	19.82	244	24437	0.44	ng	0.00

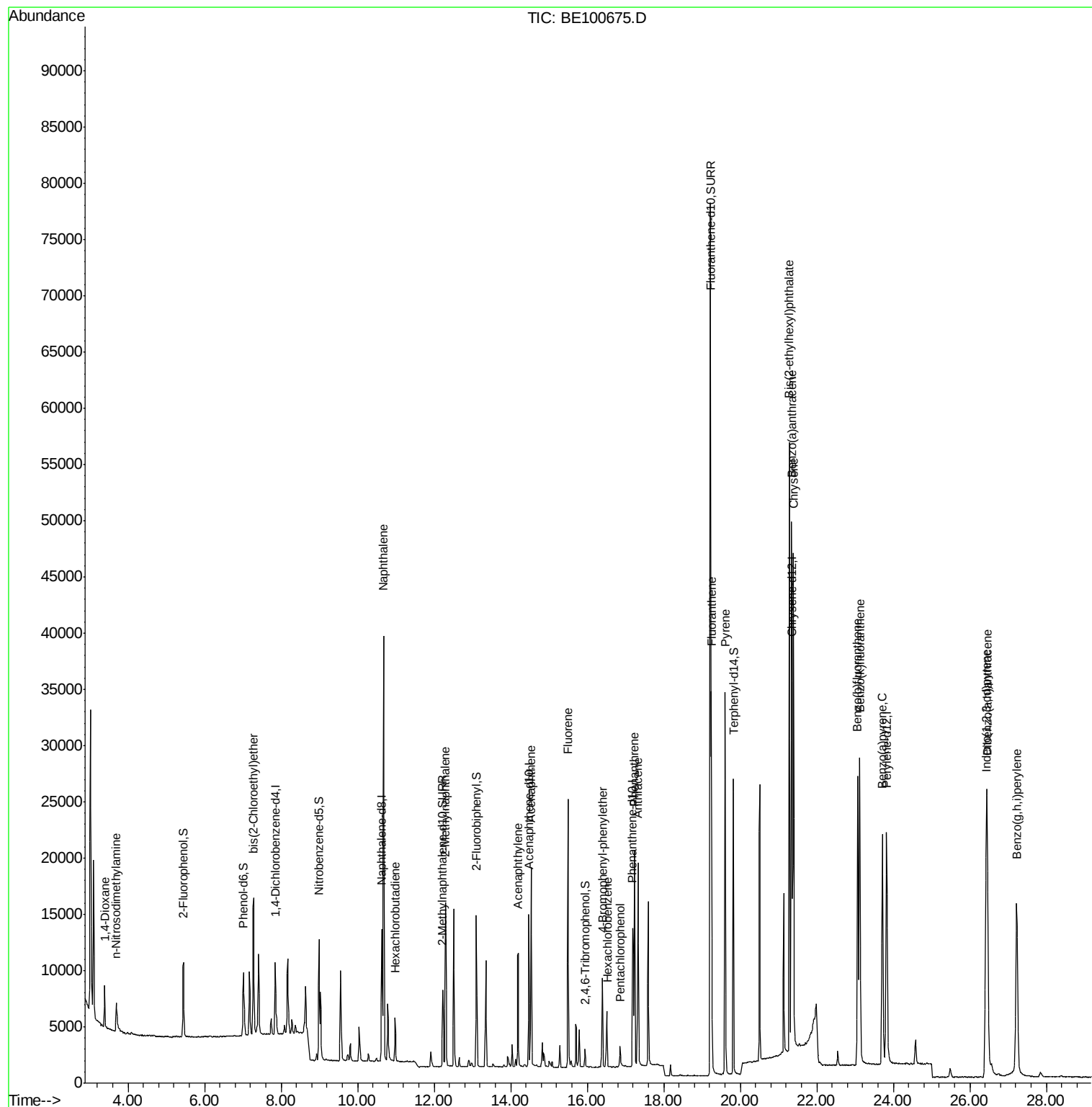
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	2599	0.480	ng	96
3) n-Nitrosodimethylamine	3.69	42	2402	0.419	ng	99
6) bis(2-Chloroethyl)ether	7.27	93	4959	0.457	ng	99
9) Naphthalene	10.68	128	60748	0.446	ng	100
10) Hexachlorobutadiene	10.98	225	2716	0.459	ng	98
12) 2-Methylnaphthalene	12.30	142	10328	0.445	ng	99
16) Acenaphthylene	14.20	152	14661	0.424	ng	100
17) Acenaphthene	14.53	154	9782	0.438	ng	99
18) Fluorene	15.50	166	12927	0.435	ng	98
20) 4-Bromophenyl-phenylether	16.40	248	4247	0.440	ng	96
21) Hexachlorobenzene	16.52	284	4102	0.446	ng	98
22) Pentachlorophenol	16.85	266	1129	0.381	ng	98
23) Phenanthrene	17.23	178	23247	0.445	ng	99
24) Anthracene	17.32	178	20045	0.414	ng	99
26) Fluoranthene	19.25	202	30925	0.454	ng	100
28) Pyrene	19.60	202	31752	0.451	ng	100
30) Benzo(a)anthracene	21.34	228	36216	0.440	ng	99
31) Chrysene	21.39	228	37605	0.457	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	61994	0.360	ng	100
33) Indeno(1,2,3-cd)pyrene	26.42	276	44429	0.440	ng	99
35) Benzo(b)fluoranthene	23.07	252	38222	0.429	ng	98
36) Benzo(k)fluoranthene	23.12	252	39745	0.434	ng	98
37) Benzo(a)pyrene	23.72	252	34862	0.420	ng	99
38) Dibenzo(a,h)anthracene	26.46	278	36939	0.431	ng	99
39) Benzo(g,h,i)perylene	27.22	276	38186	0.443	ng	99

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

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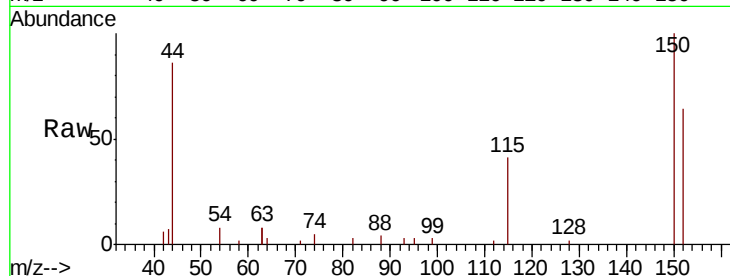


#1

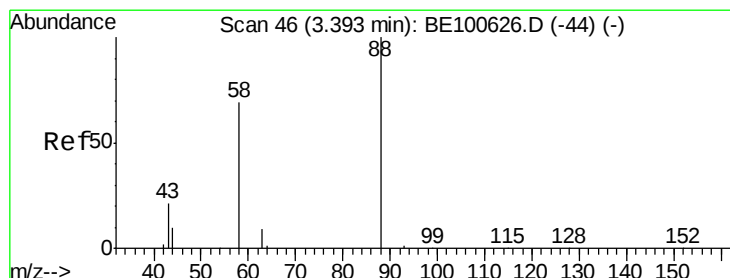
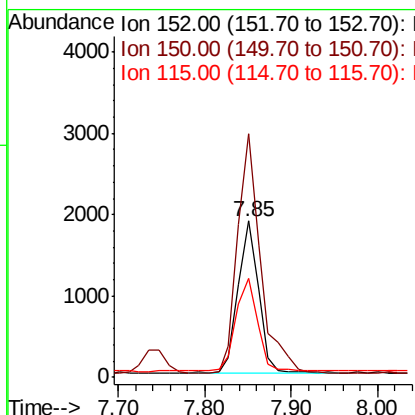
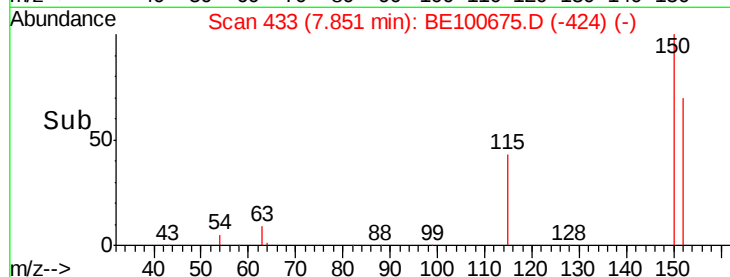
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100675.D
Acq: 28 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3037
Ion Ratio Lower Upper
152 100
150 155.7 123.3 184.9
115 63.4 51.9 77.9



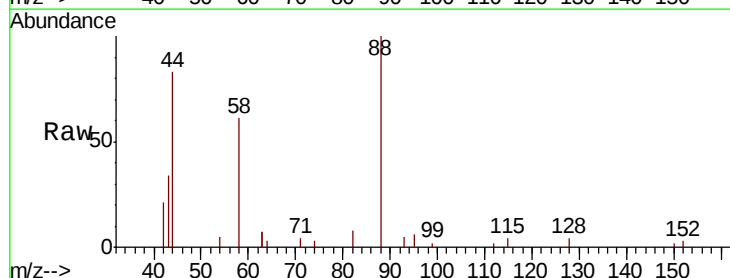
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



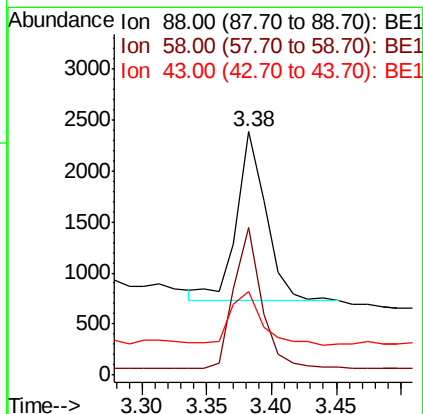
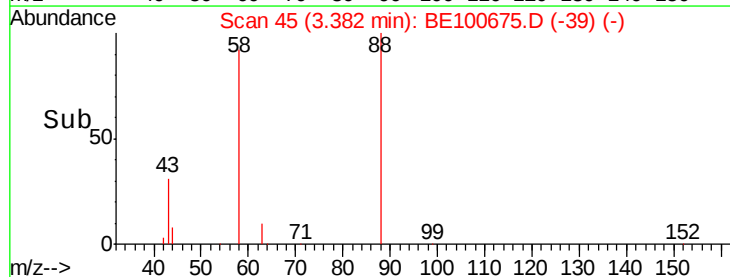
#2

1,4-Dioxane
Concen: 0.480 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100675.D
Acq: 28 Oct 2019 16:02

Tgt Ion: 88 Resp: 2599
Ion Ratio Lower Upper
88 100
58 78.3 59.8 89.6
43 33.4 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: 0.419 ng

RT: 3.69 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

Instrument :

BNA_E

ClientSampleId :

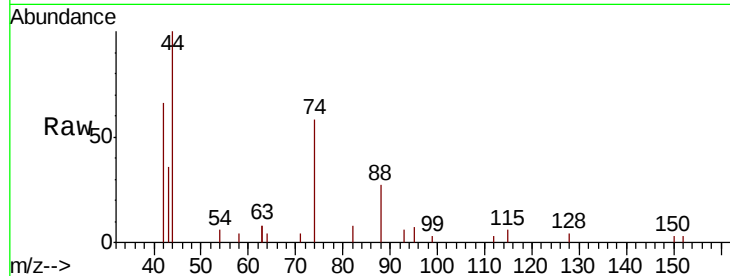
Tot Ion: 42 Resp: 2402

Ion Ratio Lower Upper

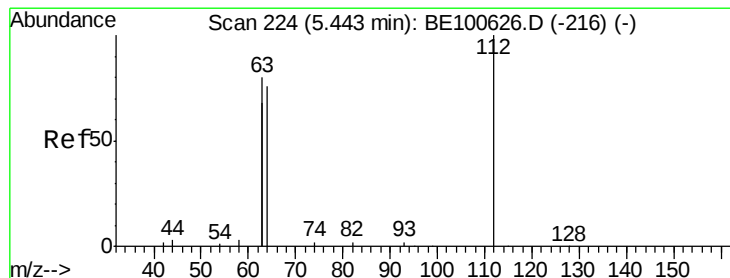
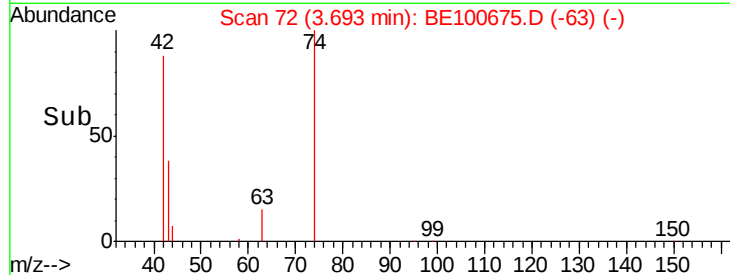
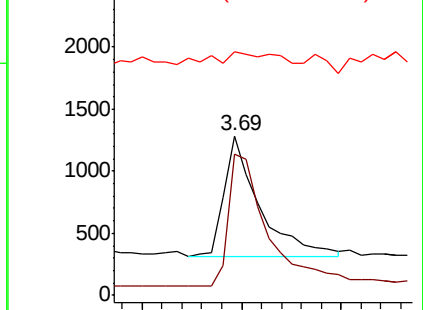
42 100

74 121.7 97.2 145.8

44 16.7 16.6 24.8



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: 0.413 ng

RT: 5.44 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

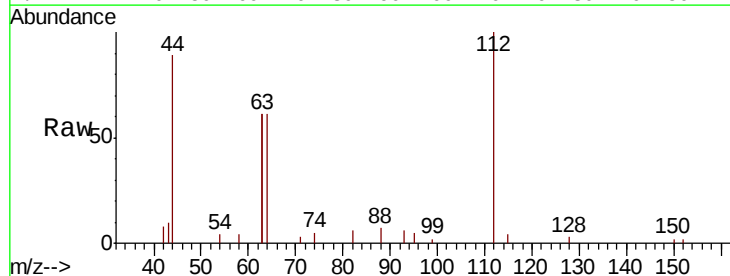
Tgt Ion: 112 Resp: 3872

Ion Ratio Lower Upper

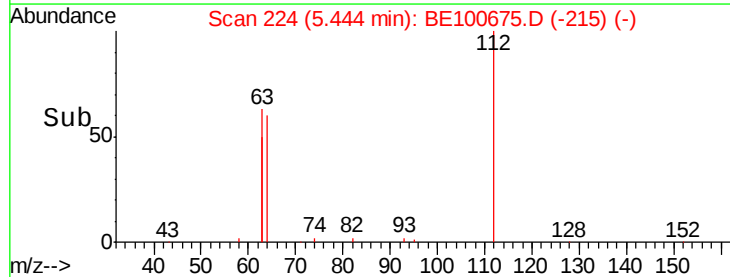
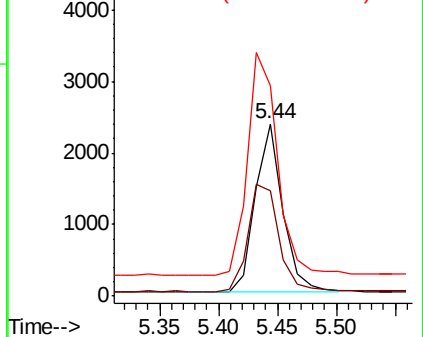
112 100

64 71.4 55.4 83.2

63 143.5 114.2 171.4



Abundance Ion 112.00 (111.70 to 112.70): BE1
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.404 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

Instrument :

BNA_E

ClientSampleId :

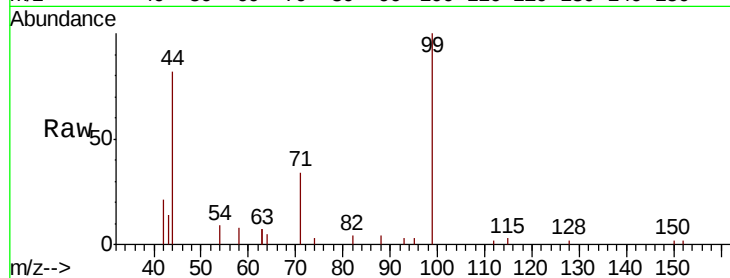
Tot Ion: 99 Resp: 5340

Ion Ratio Lower Upper

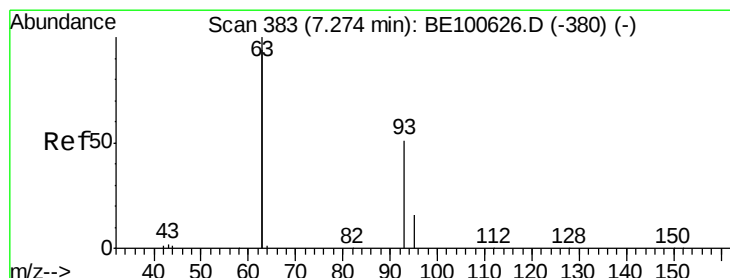
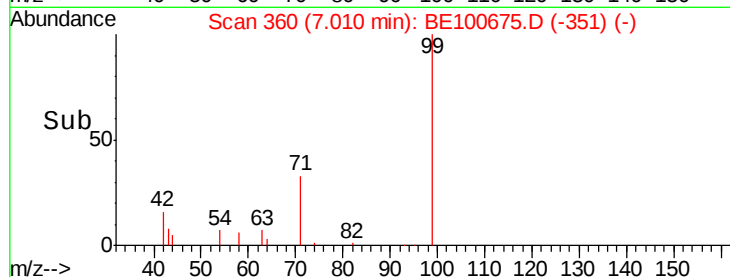
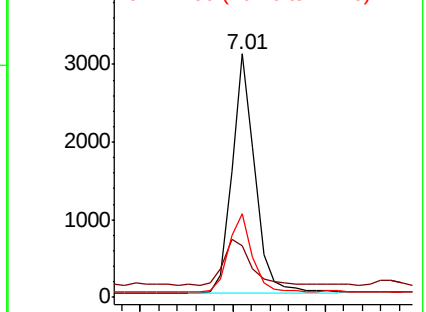
99 100

42 23.2 17.7 26.5

71 33.4 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: 0.457 ng

RT: 7.27 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

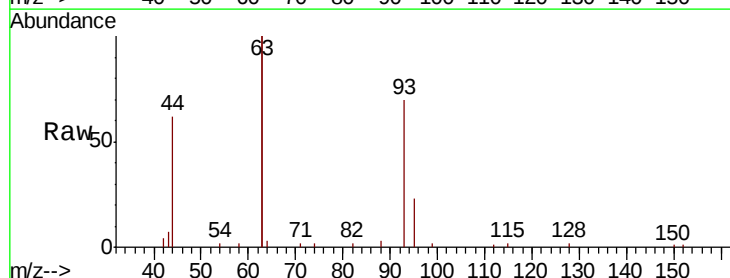
Tgt Ion: 93 Resp: 4959

Ion Ratio Lower Upper

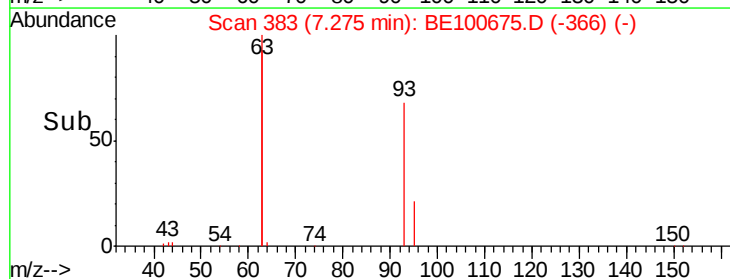
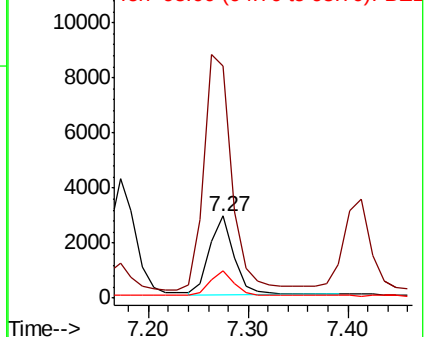
93 100

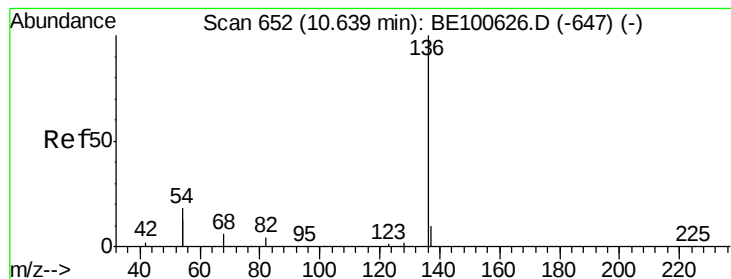
63 334.8 268.8 403.2

95 30.6 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: BE100675.D

Acq: 28 Oct 2019 16:02

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 12952

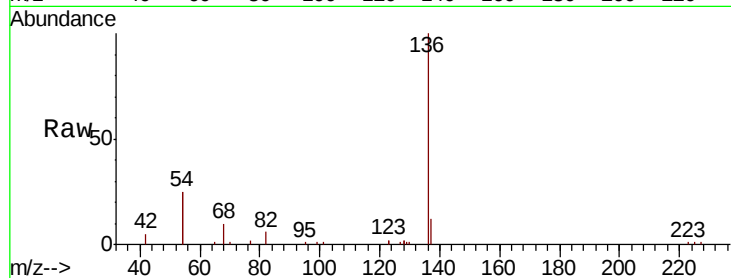
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 49.5 39.4 59.2

68 9.6 8.0 12.0

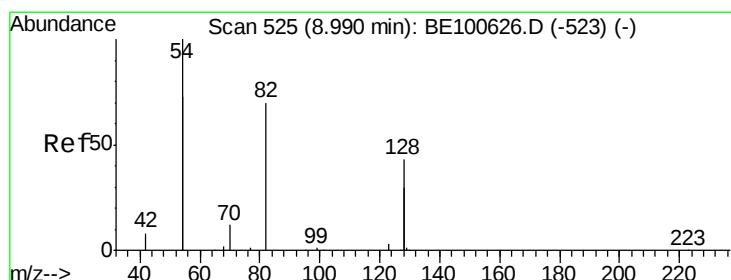
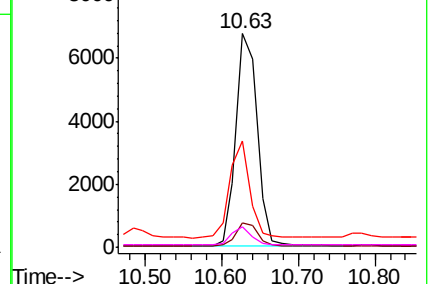
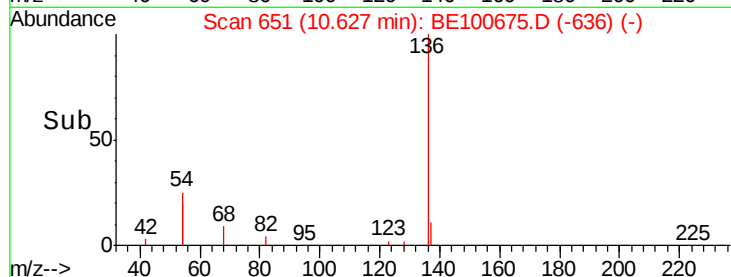


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.519 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

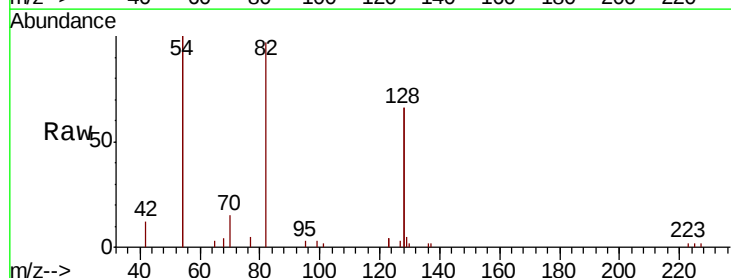
Tgt Ion: 82 Resp: 4164

Ion Ratio Lower Upper

82 100

128 135.5 107.8 161.8

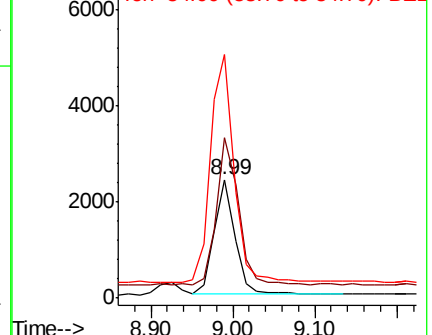
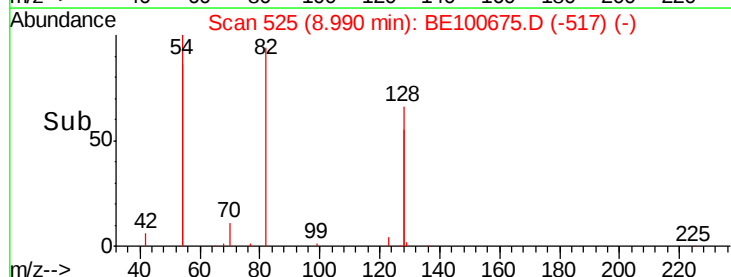
54 205.7 166.1 249.1



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: 0.446 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

Instrument :

BNA_E

ClientSampleId :

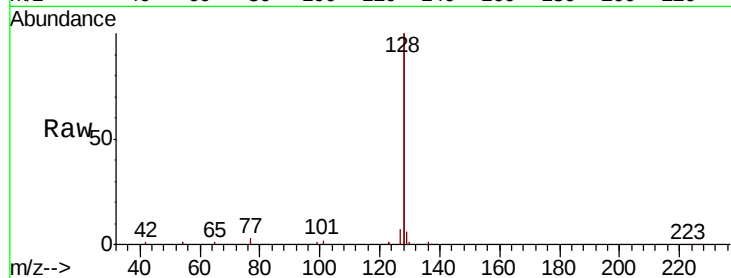
Tot Ion:128 Resp: 60748

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

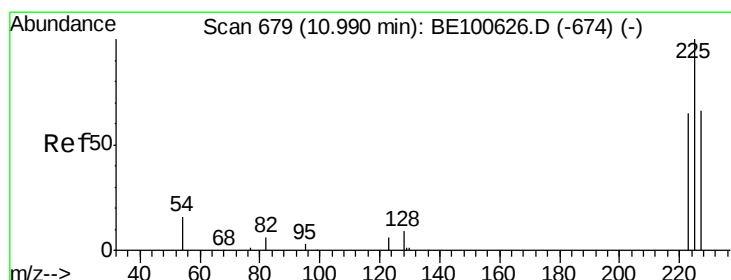
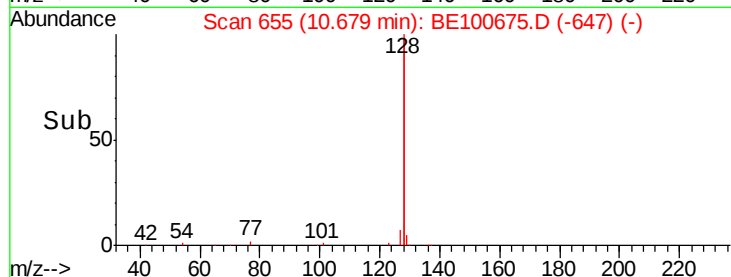
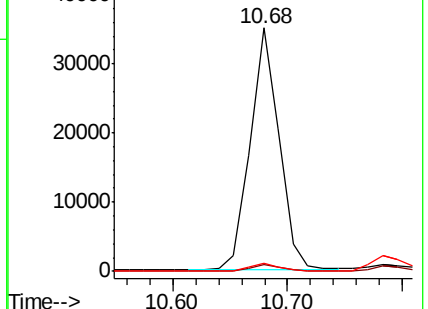
127 3.4 2.7 4.1



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: 0.459 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

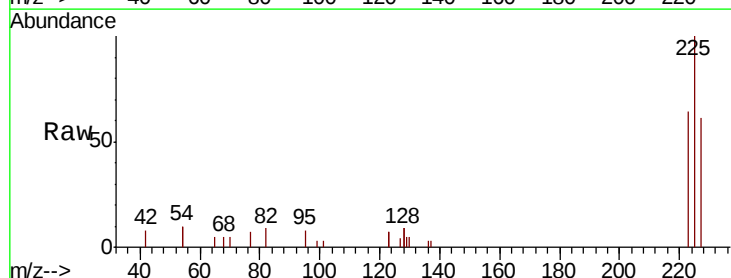
Tgt Ion:225 Resp: 2716

Ion Ratio Lower Upper

225 100

223 62.5 48.6 72.8

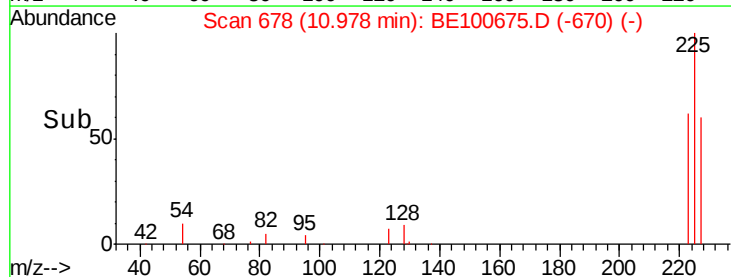
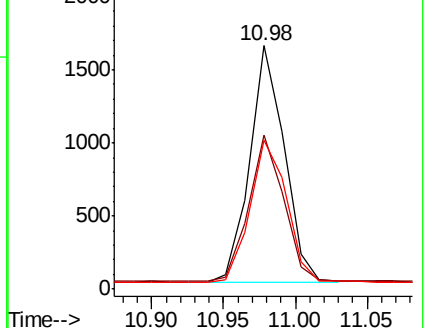
227 63.2 51.6 77.4

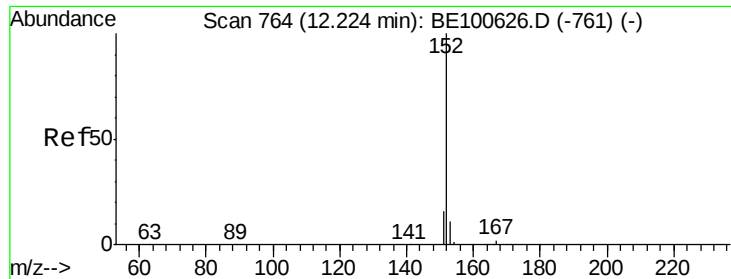


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

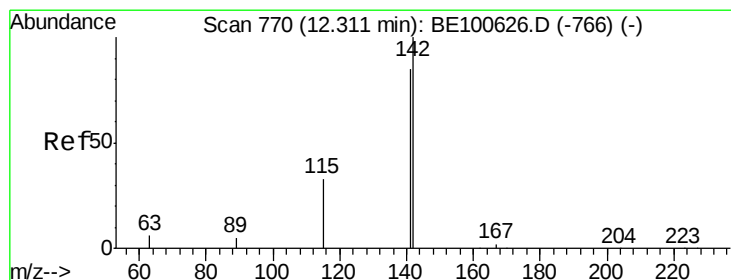
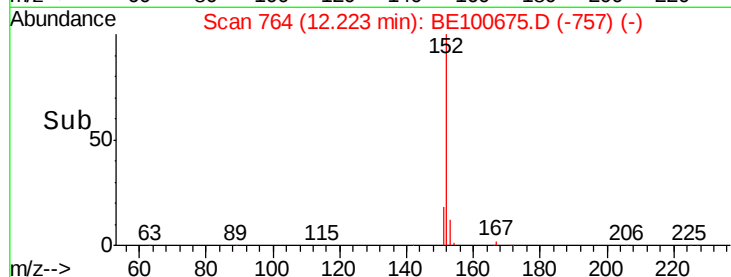
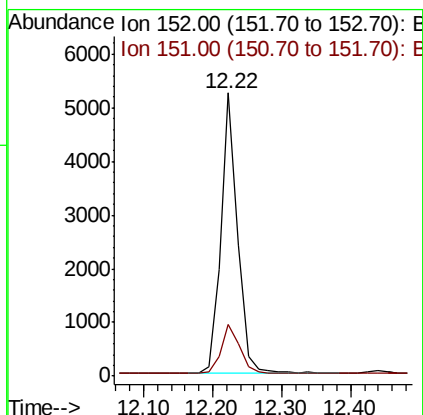
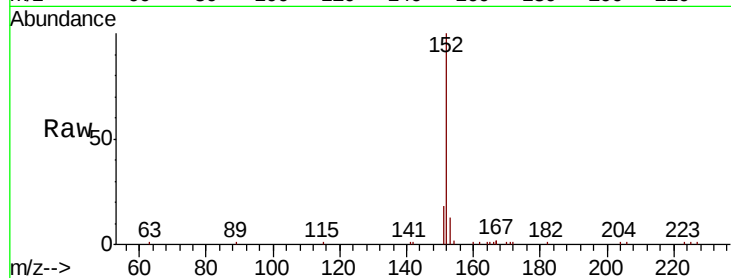




#11
 2-Methylnaphthalene-d10
 Concen: 0.433 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE100675.D
 Acq: 28 Oct 2019 16:02

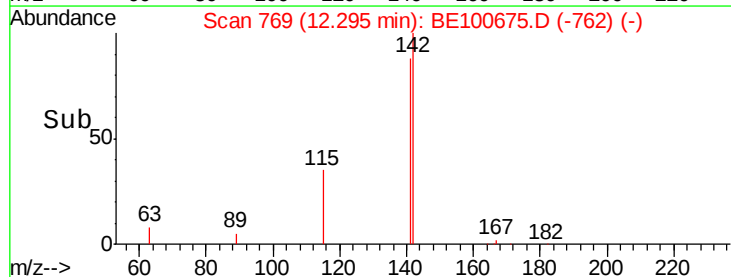
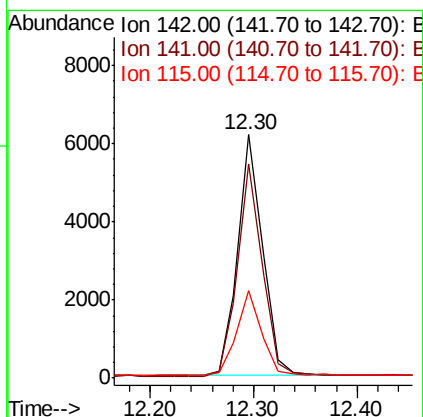
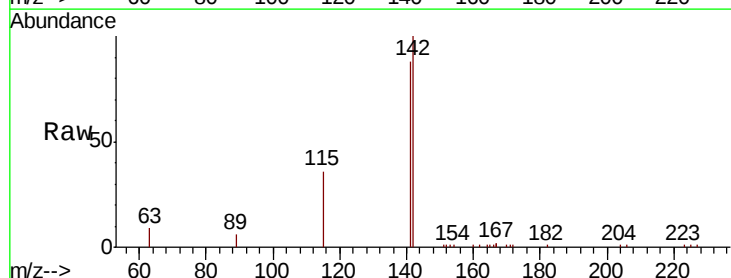
Instrument :
 BNA_E
 ClientSampleId :

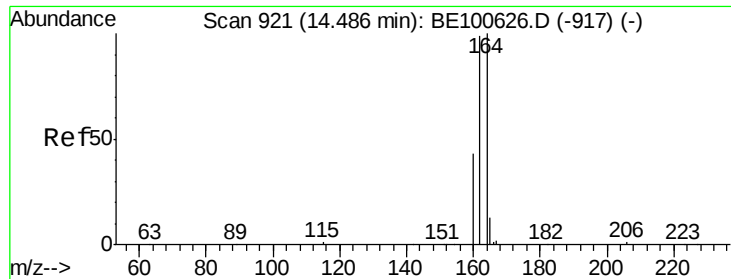
Tot Ion:152 Resp: 8842
 Ion Ratio Lower Upper
 152 100
 151 19.4 14.7 22.1



#12
 2-Methylnaphthalene
 Concen: 0.445 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE100675.D
 Acq: 28 Oct 2019 16:02

Tgt Ion:142 Resp: 10328
 Ion Ratio Lower Upper
 142 100
 141 88.2 70.1 105.1
 115 36.1 28.3 42.5

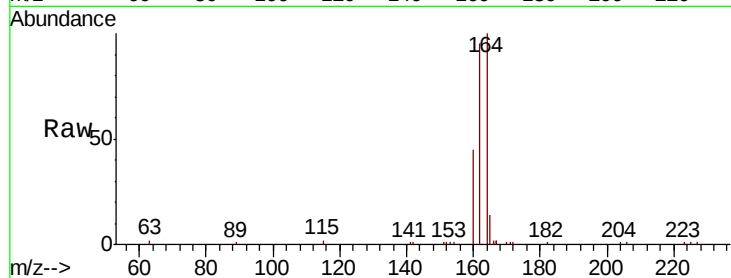




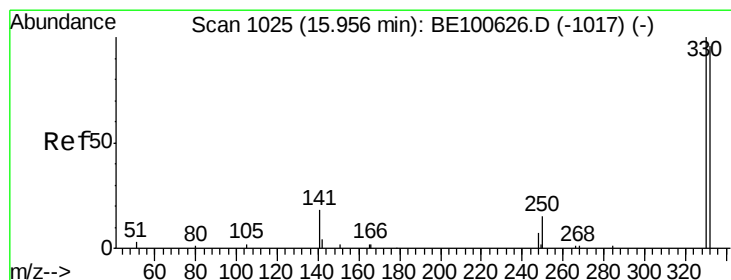
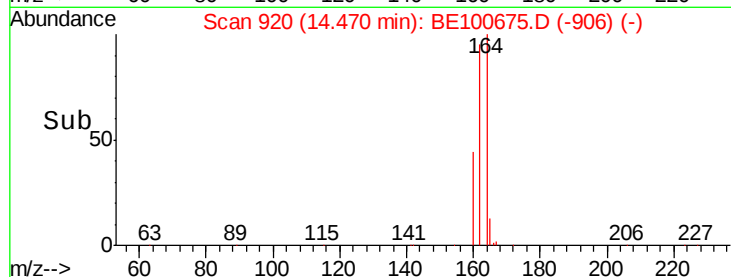
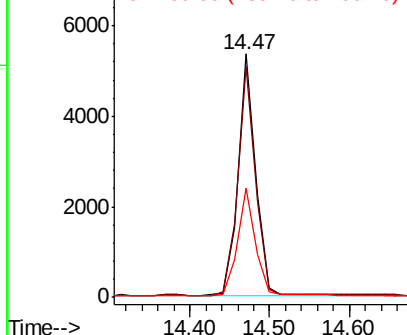
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100675.D
Acq: 28 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 8038
Ion Ratio Lower Upper
164 100
162 95.0 82.0 123.0
160 44.7 37.5 56.3

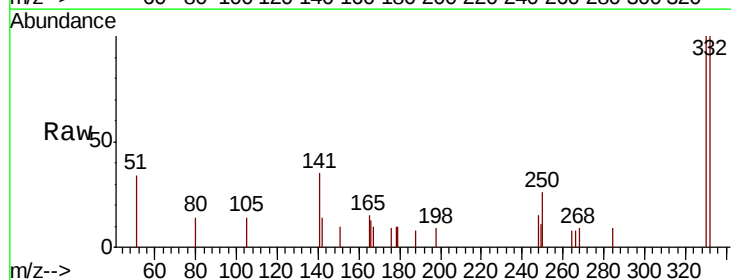


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

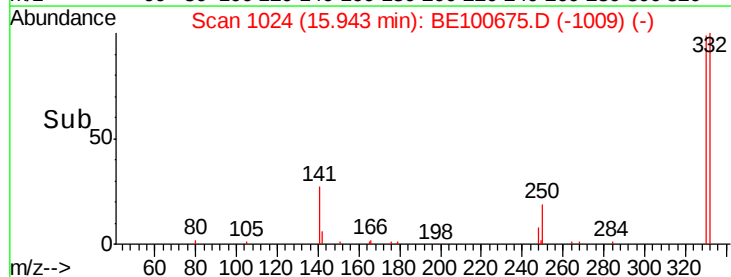
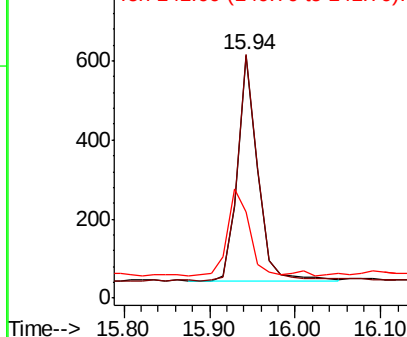


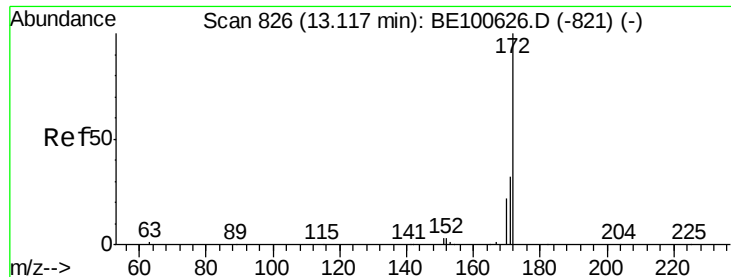
#14
2,4,6-Tribromophenol
Concen: 0.437 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100675.D
Acq: 28 Oct 2019 16:02

Tgt Ion:330 Resp: 929
Ion Ratio Lower Upper
330 100
332 98.7 77.9 116.9
141 41.9 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

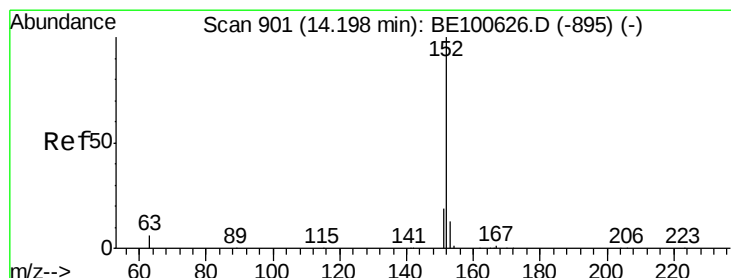
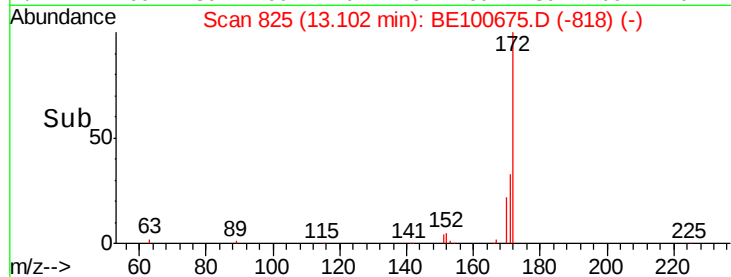
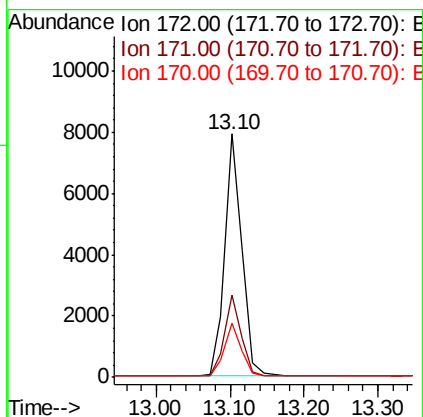
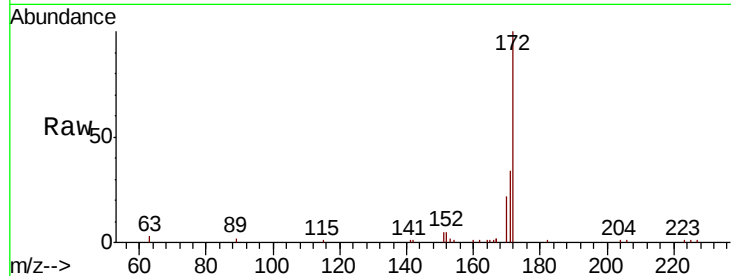




#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100675.D
Acq: 28 Oct 2019 16:02

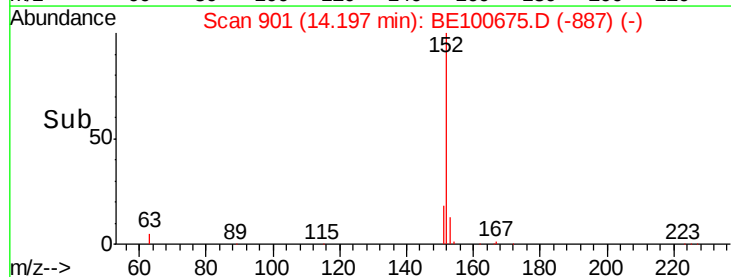
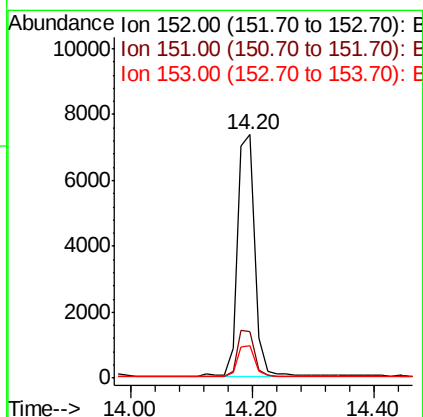
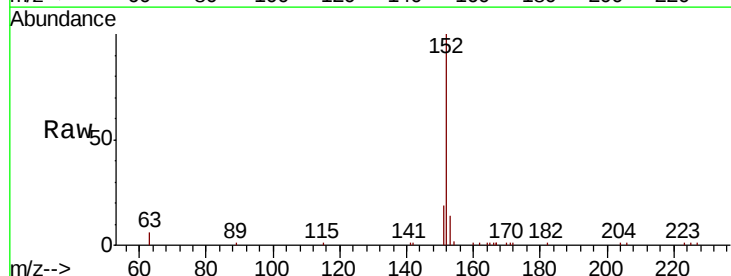
Instrument :
BNA_E
ClientSampleId :

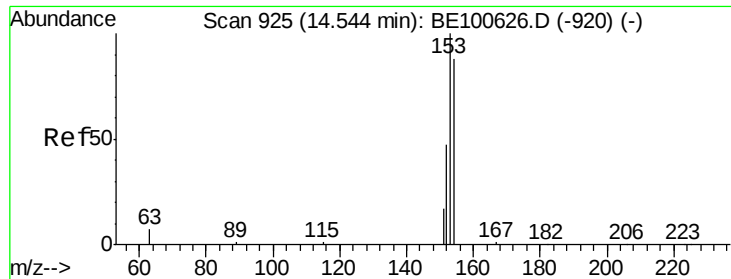
Tot Ion:172 Resp: 12657
Ion Ratio Lower Upper
172 100
171 33.6 26.5 39.7
170 22.3 19.0 28.4



#16
Acenaphthylene
Concen: 0.424 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100675.D
Acq: 28 Oct 2019 16:02

Tgt Ion:152 Resp: 14661
Ion Ratio Lower Upper
152 100
151 19.1 15.2 22.8
153 13.0 10.3 15.5

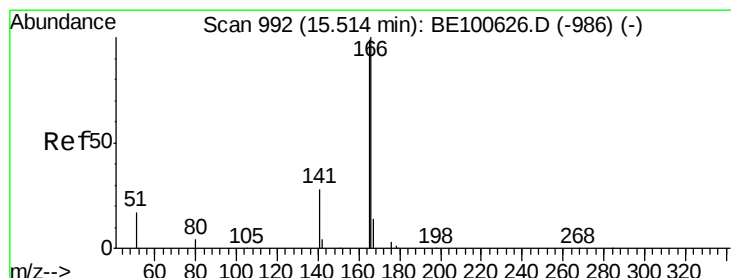
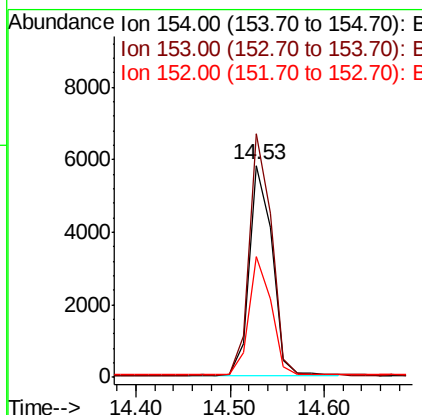
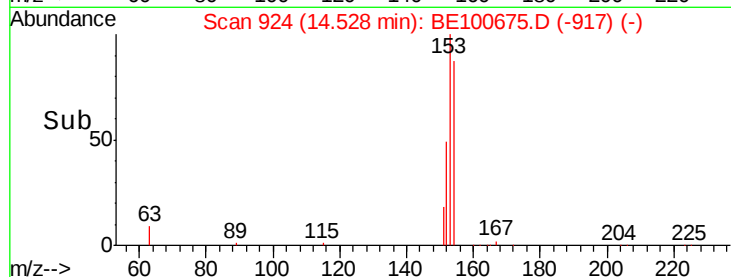
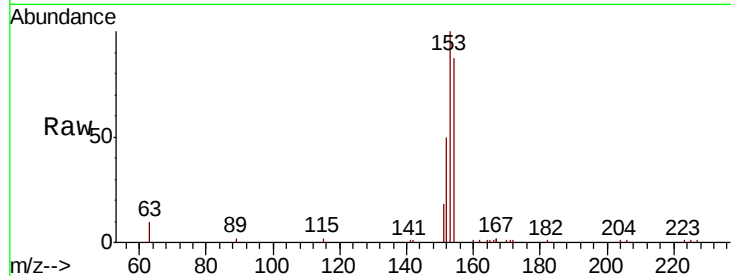




#17
Acenaphthene
Concen: 0.438 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100675.D
Acq: 28 Oct 2019 16:02

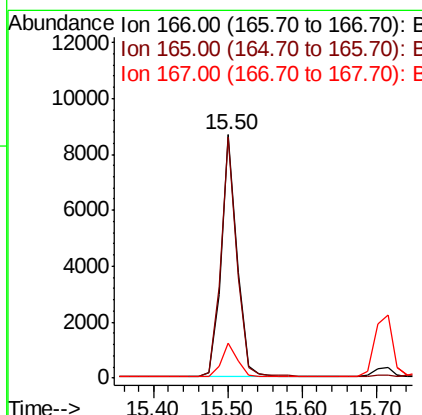
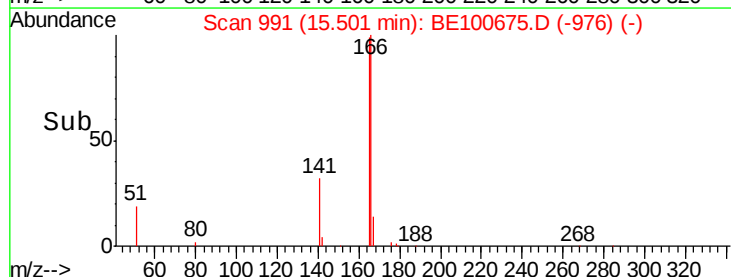
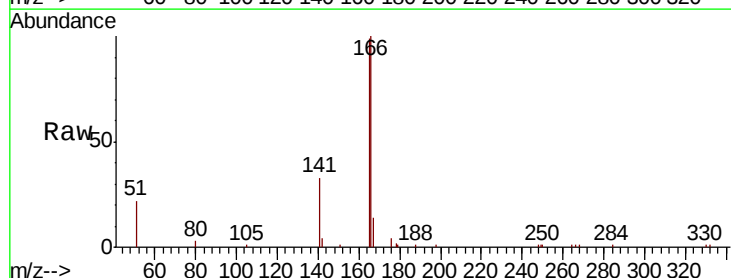
Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 9782
Ion Ratio Lower Upper
154 100
153 113.4 89.4 134.2
152 55.6 44.1 66.1



#18
Fluorene
Concen: 0.435 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.00 min
Lab File: BE100675.D
Acq: 28 Oct 2019 16:02

Tgt Ion:166 Resp: 12927
Ion Ratio Lower Upper
166 100
165 100.1 78.6 117.8
167 13.9 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

Instrument :

BNA_E

ClientSampleId :

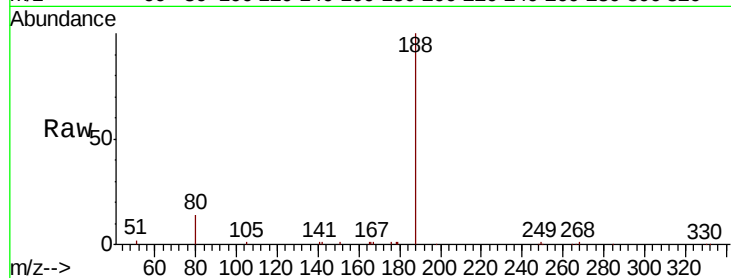
Tot Ion:188 Resp: 18976

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

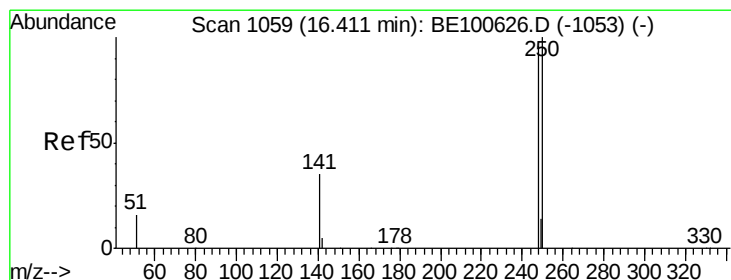
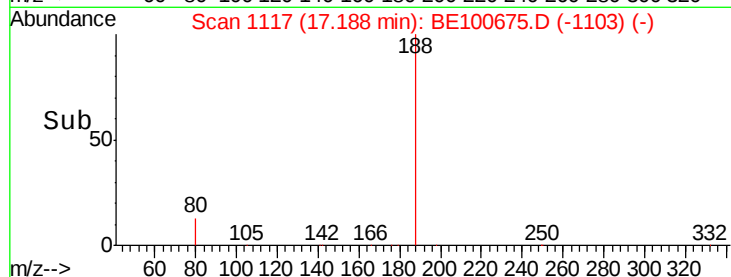
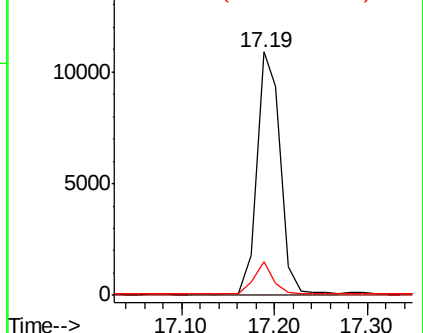
80 13.7 5.4 8.0#



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: 0.440 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

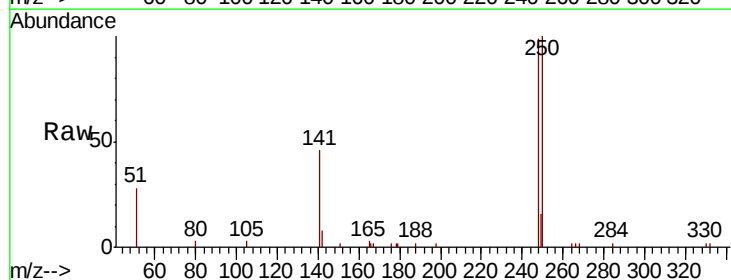
Tgt Ion:248 Resp: 4247

Ion Ratio Lower Upper

248 100

250 101.2 76.3 114.5

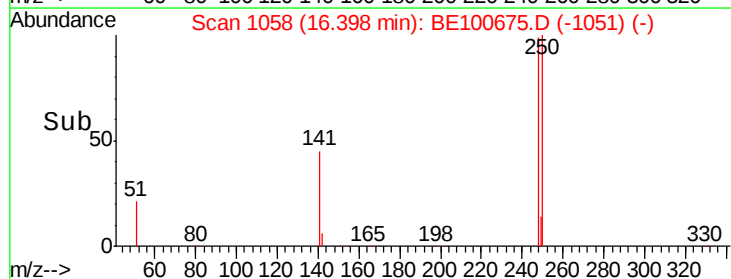
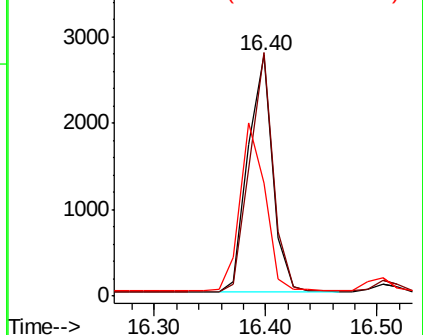
141 46.7 37.3 55.9

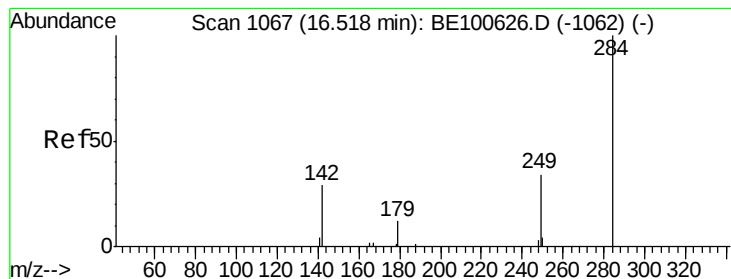


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.446 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

Instrument :

BNA_E

ClientSampleId :

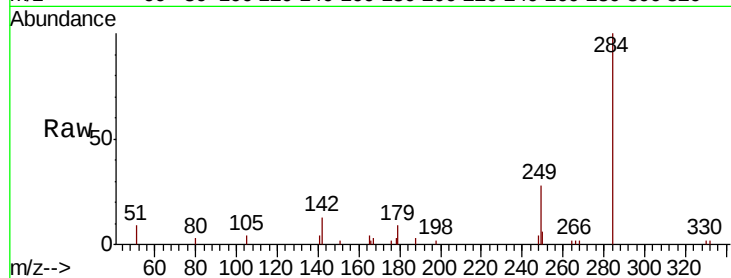
Tot Ion:284 Resp: 4102

Ion Ratio Lower Upper

284 100

142 35.5 28.6 42.8

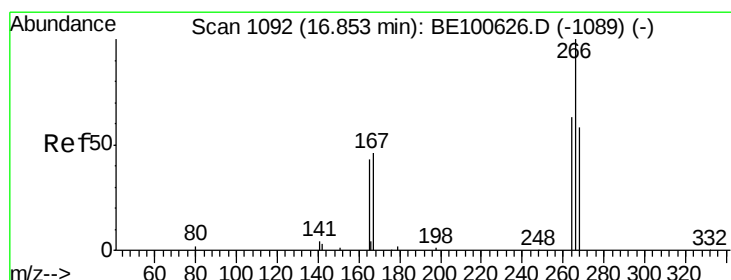
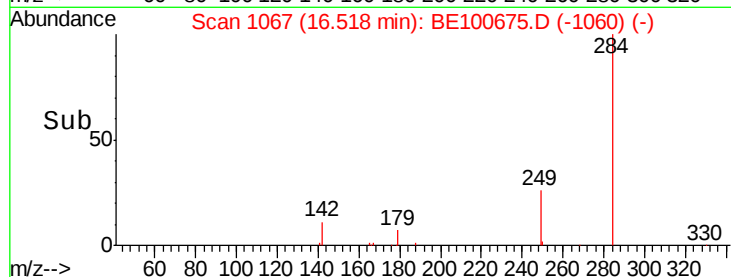
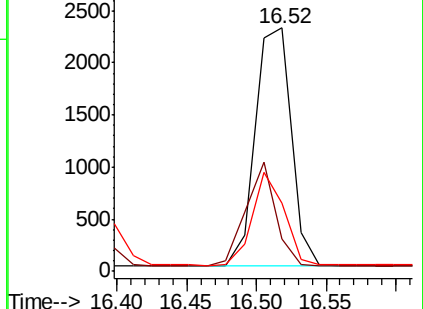
249 34.6 26.3 39.5



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: 0.381 ng

RT: 16.85 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

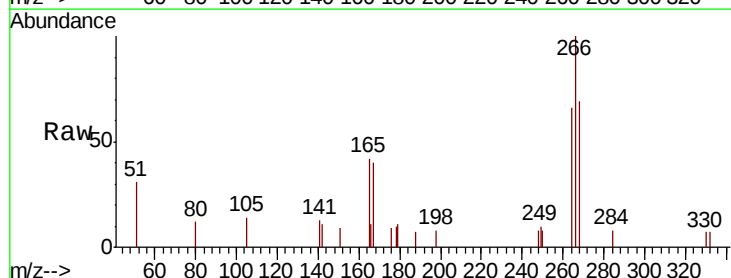
Tgt Ion:266 Resp: 1129

Ion Ratio Lower Upper

266 100

264 65.8 52.2 78.4

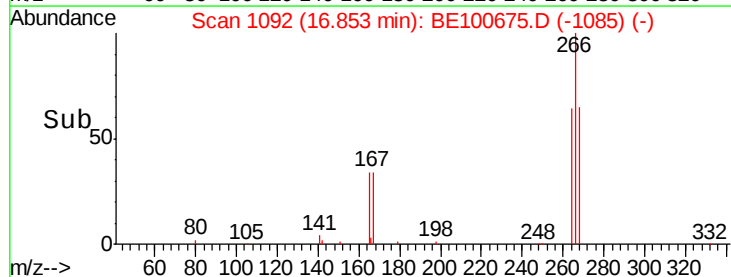
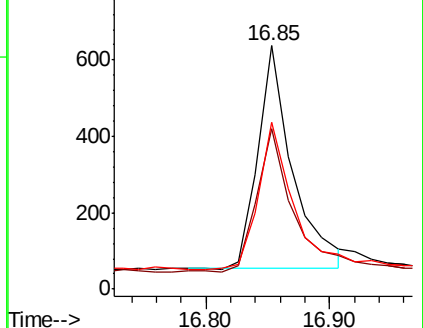
268 68.7 53.1 79.7

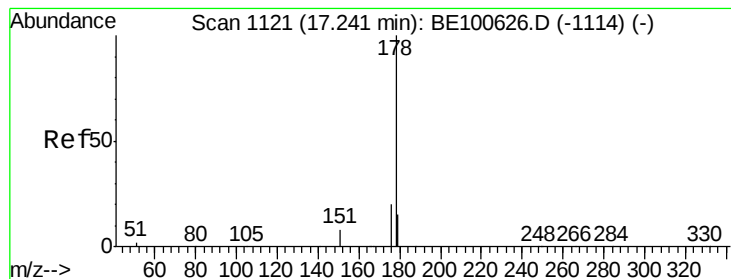


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.445 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

Instrument :

BNA_E

ClientSampleId :

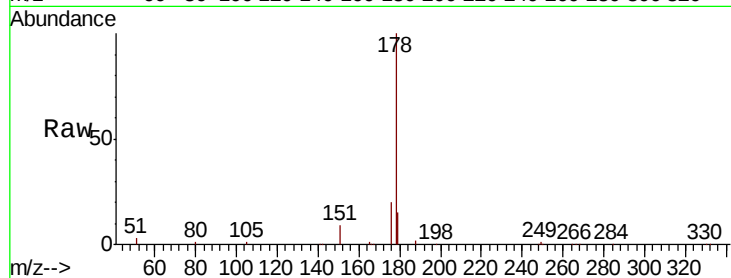
Tot Ion:178 Resp: 23247

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

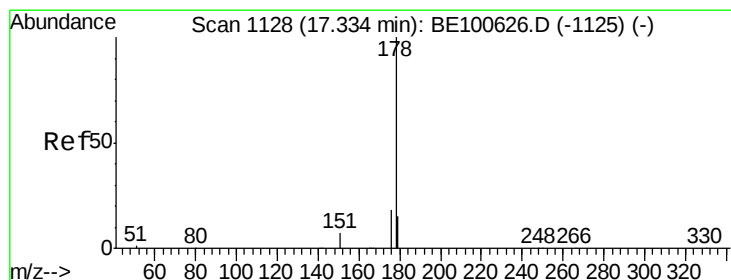
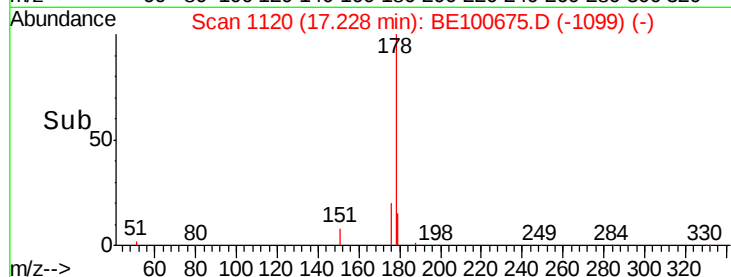
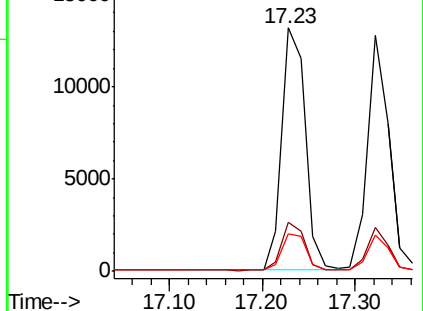
179 15.4 12.1 18.1



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: 0.414 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

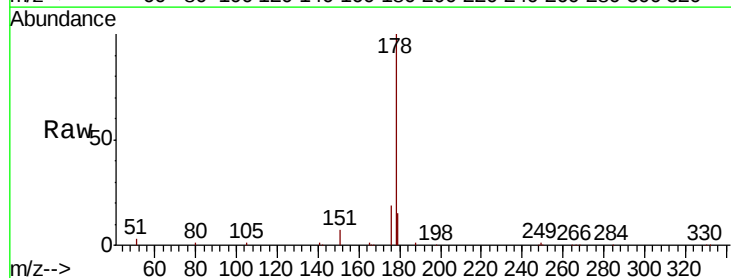
Tgt Ion:178 Resp: 20045

Ion Ratio Lower Upper

178 100

176 18.1 15.0 22.4

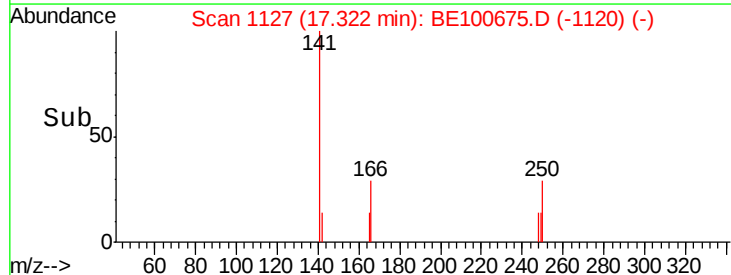
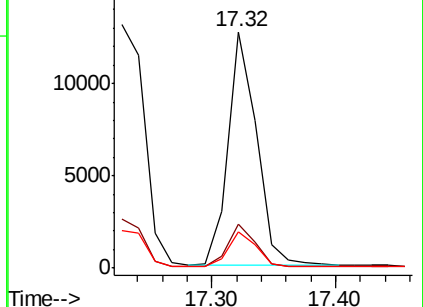
179 15.1 12.5 18.7

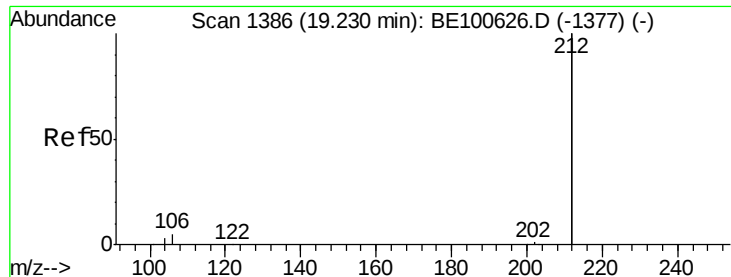


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.446 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

Instrument :

BNA_E

ClientSampleId :

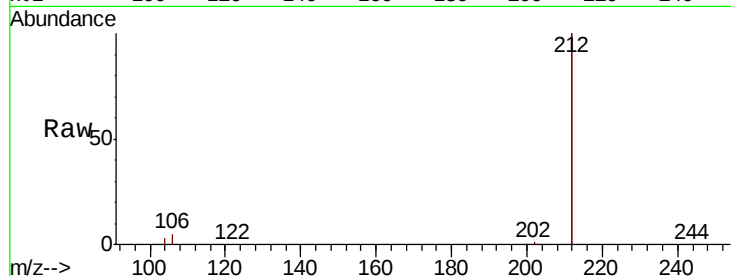
Tot Ion:212 Resp: 109278

Ion Ratio Lower Upper

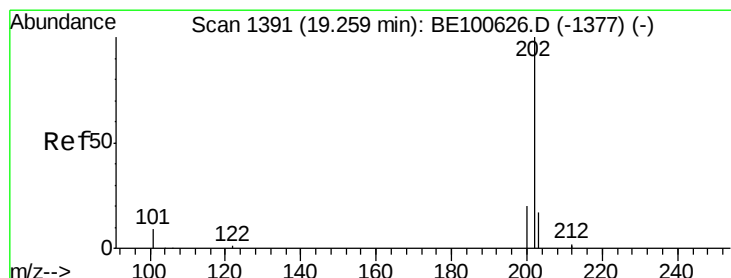
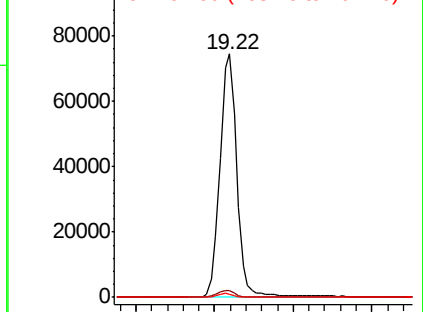
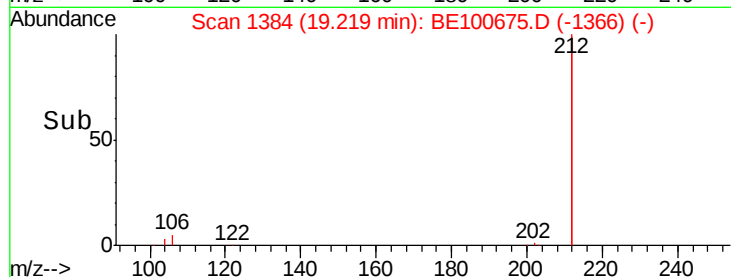
212 100

106 2.8 2.3 3.5

104 1.5 1.3 1.9



Abundance Ion 212.00 (211.70 to 212.70): E
100000
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.454 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

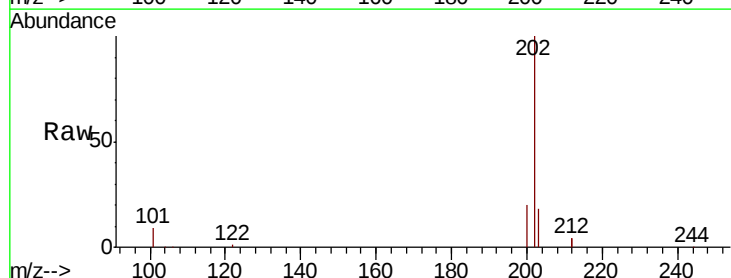
Tgt Ion:202 Resp: 30925

Ion Ratio Lower Upper

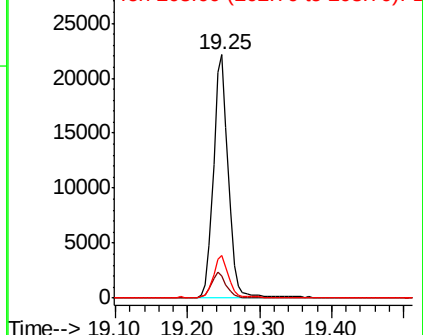
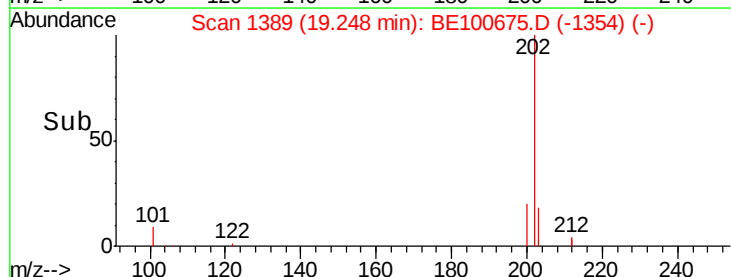
202 100

101 10.5 8.5 12.7

203 17.3 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
30000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

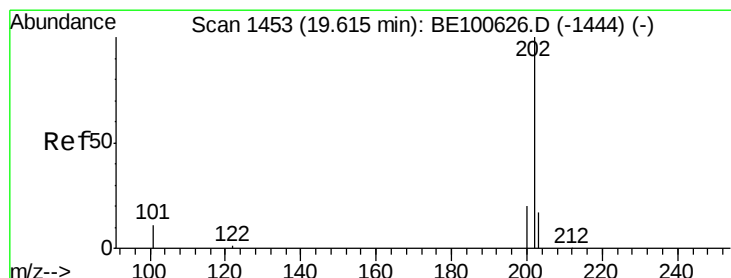
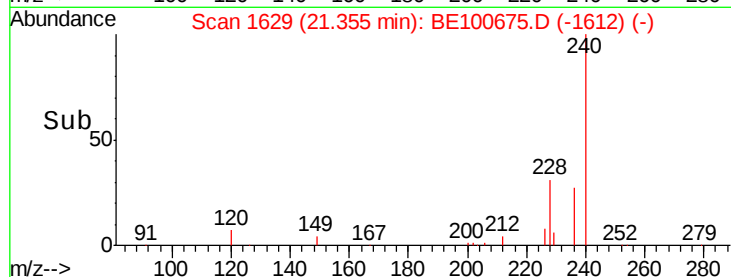
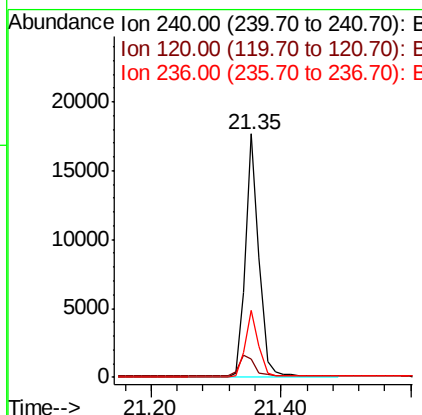
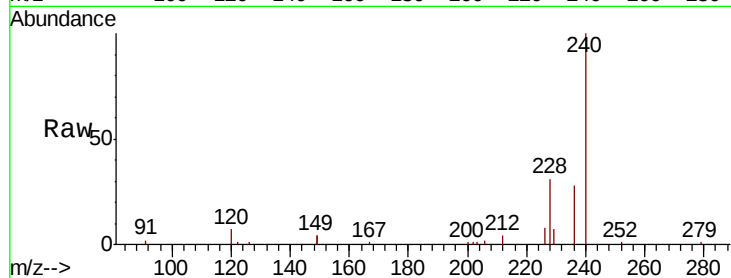




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100675.D
Acq: 28 Oct 2019 16:02

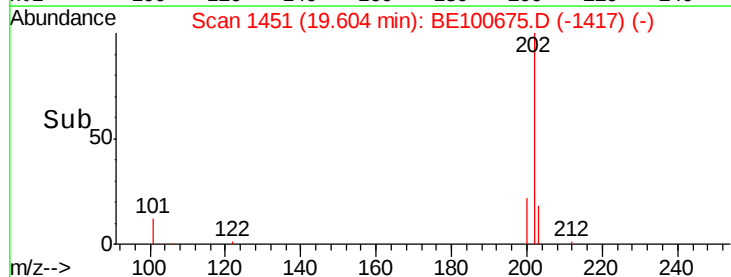
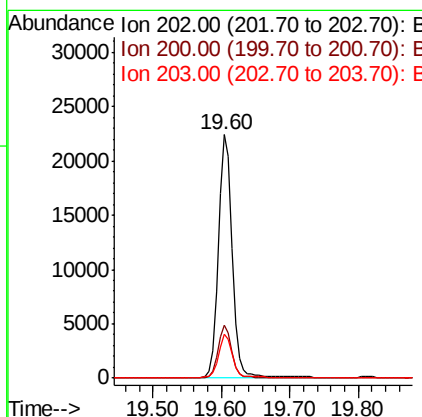
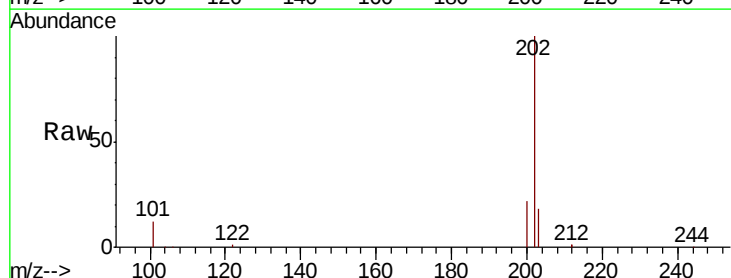
Instrument :
BNA_E
ClientSampled :

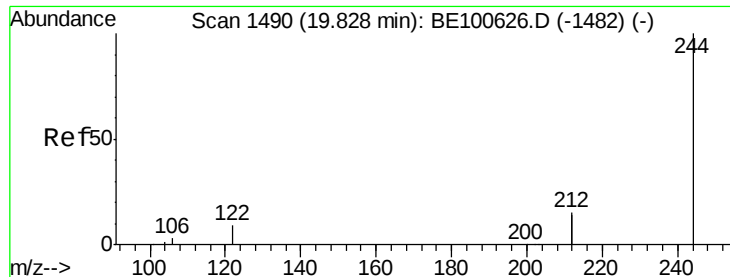
Tot Ion:240 Resp: 25222
Ion Ratio Lower Upper
240 100
120 7.4 7.6 11.4#
236 27.5 22.1 33.1



#28
Pyrene
Concen: 0.451 ng
RT: 19.60 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BE100675.D
Acq: 28 Oct 2019 16:02

Tgt Ion:202 Resp: 31752
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.4 14.0 21.0





#29

Terphenyl-d14

Concen: 0.443 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

Instrument :

BNA_E

ClientSampleId :

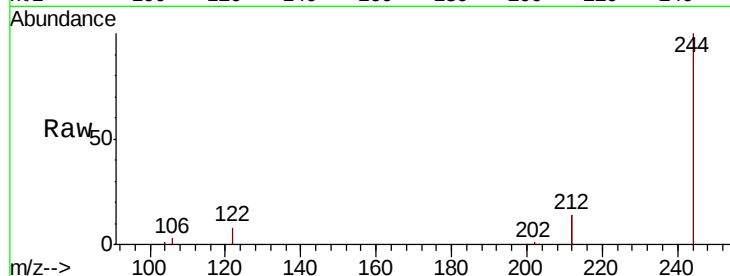
Tot Ion:244 Resp: 24437

Ion Ratio Lower Upper

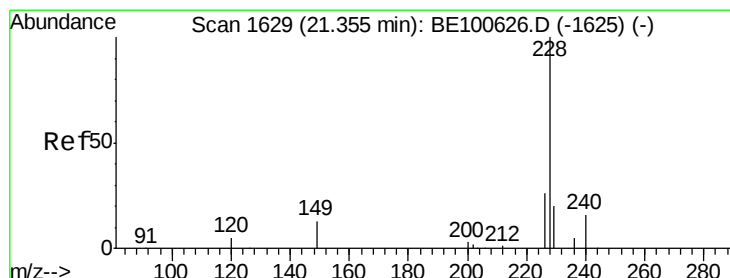
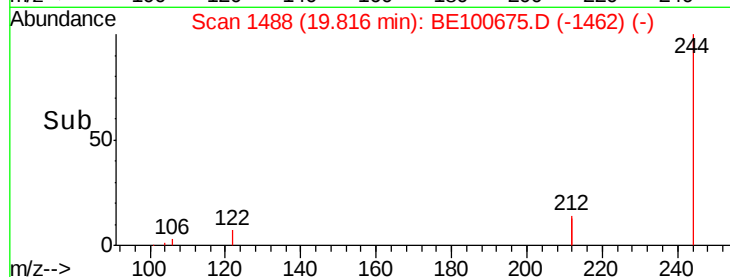
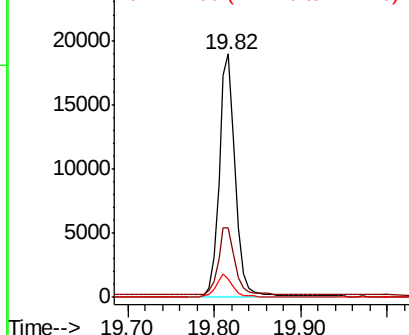
244 100

212 28.7 23.7 35.5

122 7.7 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: 0.440 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

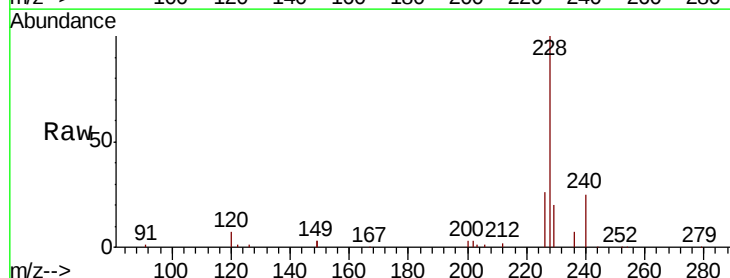
Tgt Ion:228 Resp: 36216

Ion Ratio Lower Upper

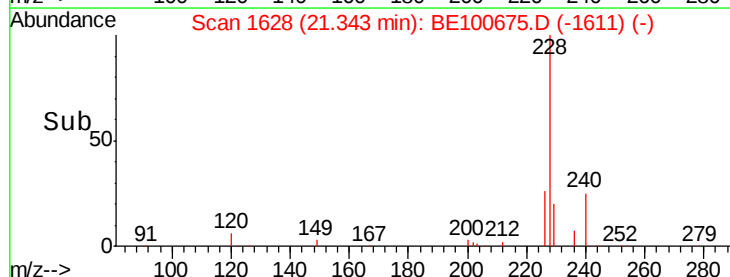
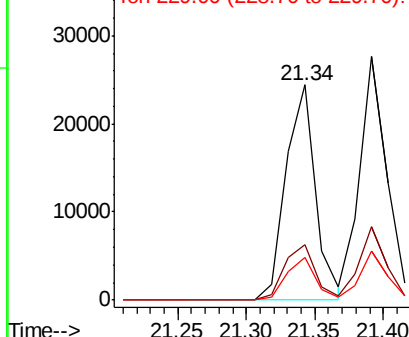
228 100

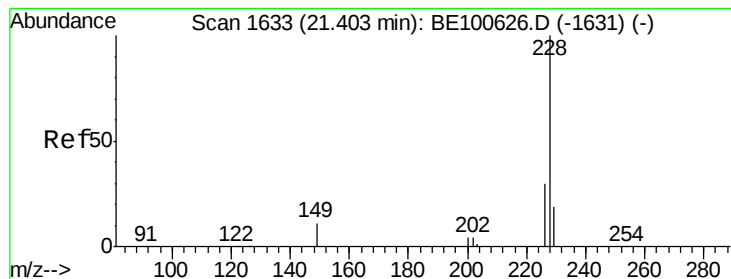
226 26.0 21.4 32.0

229 20.1 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: 0.457 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

Instrument :

BNA_E

ClientSampleId :

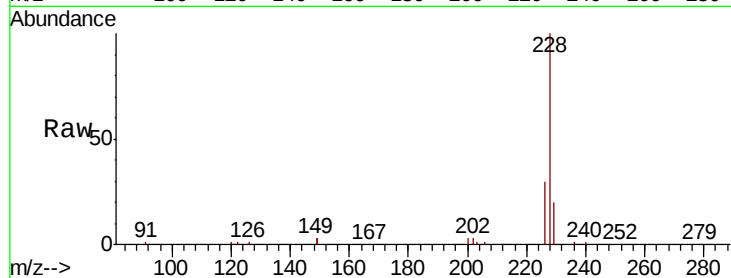
Tot Ion:228 Resp: 37605

Ion Ratio Lower Upper

228 100

226 30.0 24.6 37.0

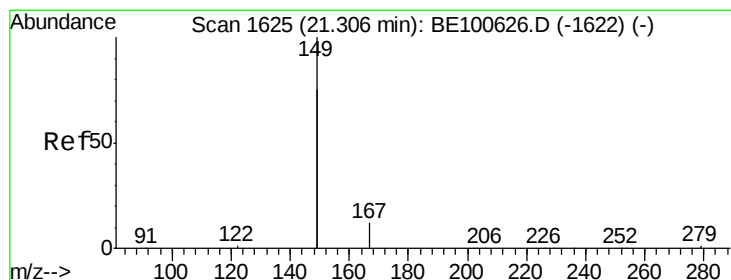
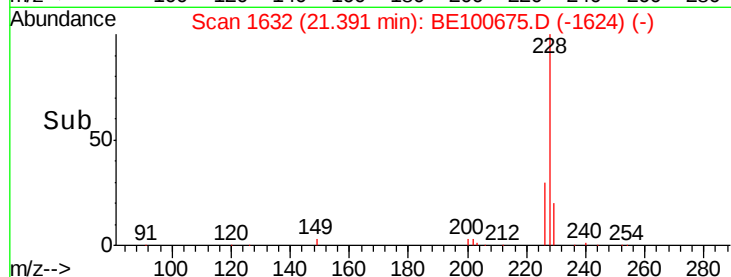
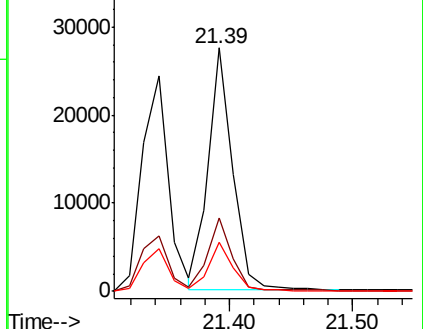
229 20.1 15.8 23.8



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: 0.360 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

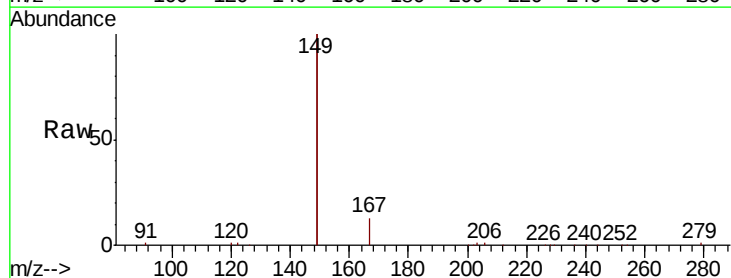
Tgt Ion:149 Resp: 61994

Ion Ratio Lower Upper

149 100

167 6.7 5.5 8.3

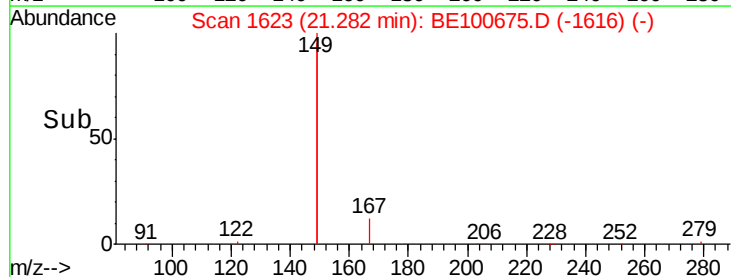
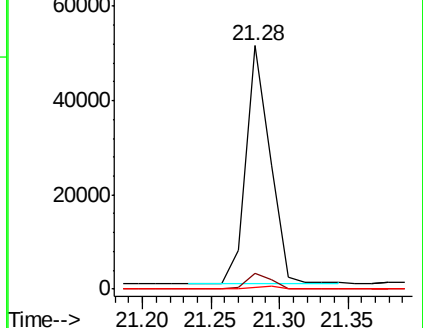
279 1.1 0.9 1.3



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

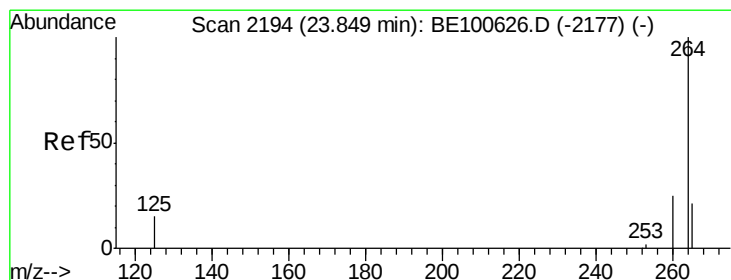
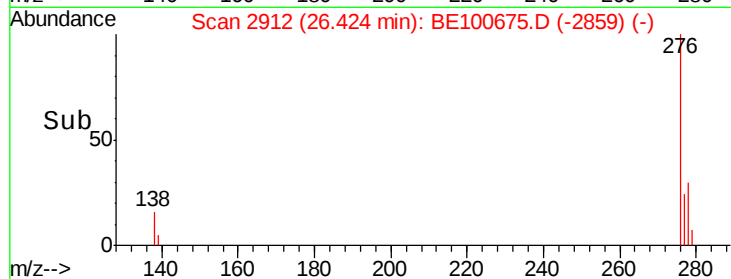
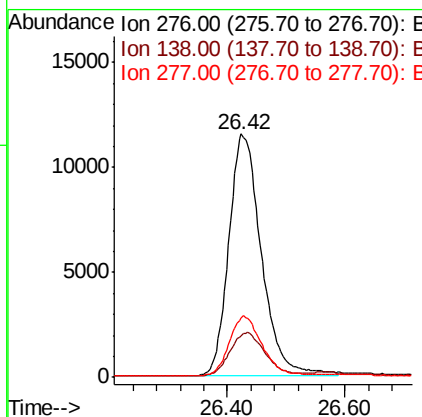
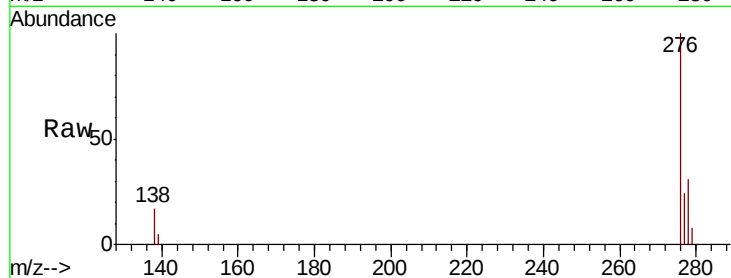




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.440 ng
 RT: 26.42 min Scan# 2912
 Delta R.T. -0.01 min
 Lab File: BE100675.D
 Acq: 28 Oct 2019 16:02

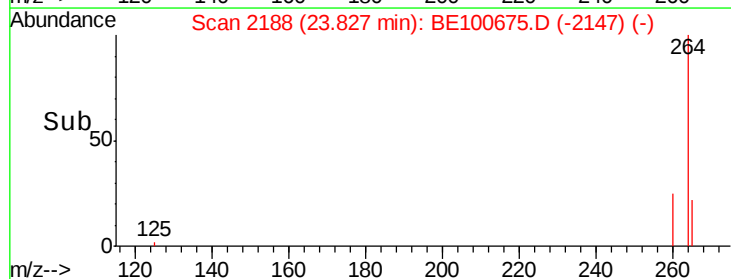
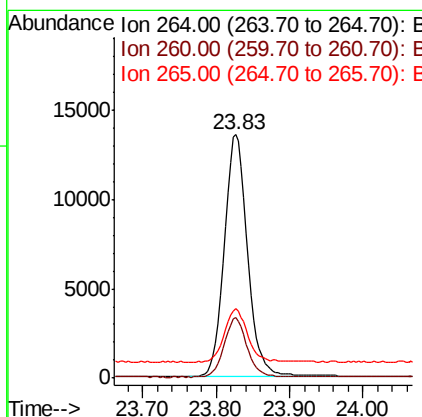
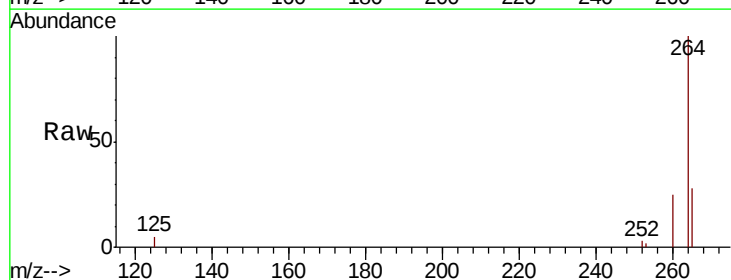
Instrument :
 BNA_E
 ClientSampleId :

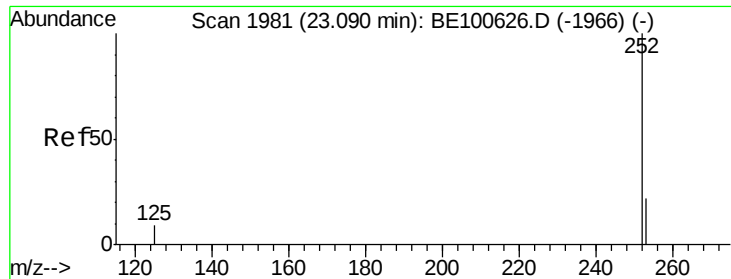
Tot Ion:276 Resp: 44429
 Ion Ratio Lower Upper
 276 100
 138 18.9 15.3 22.9
 277 24.6 19.4 29.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.83 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BE100675.D
 Acq: 28 Oct 2019 16:02

Tgt Ion:264 Resp: 30557
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.2
 265 28.3 21.7 32.5

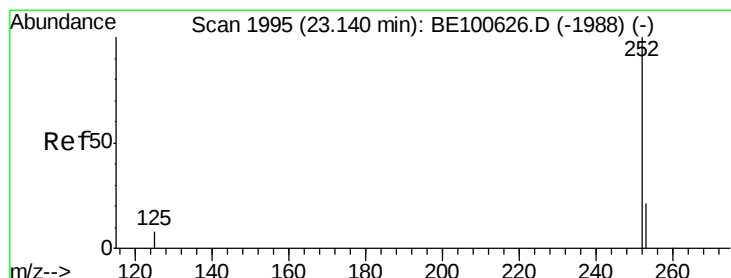
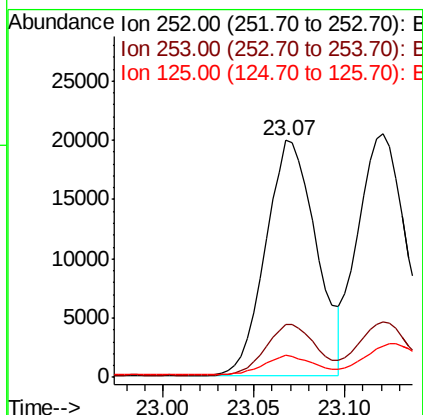
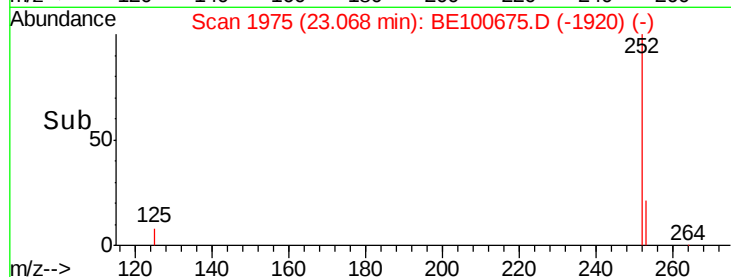
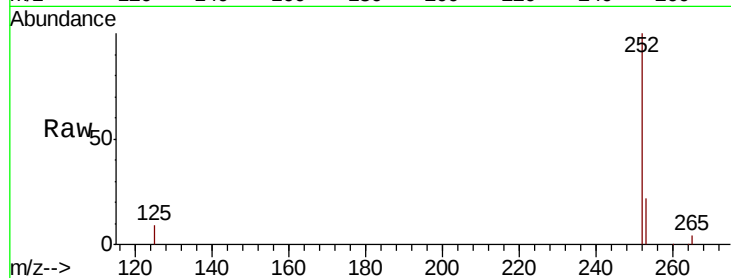




#35
Benzo(b)fluoranthene
Concen: 0.429 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BE100675.D
Acq: 28 Oct 2019 16:02

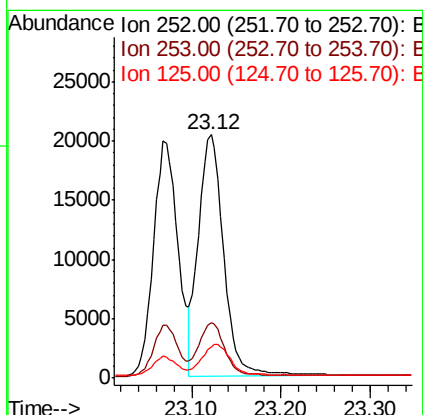
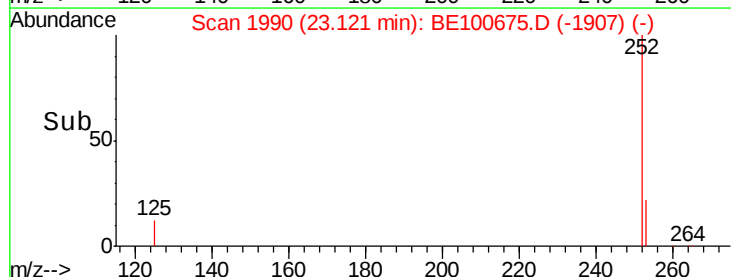
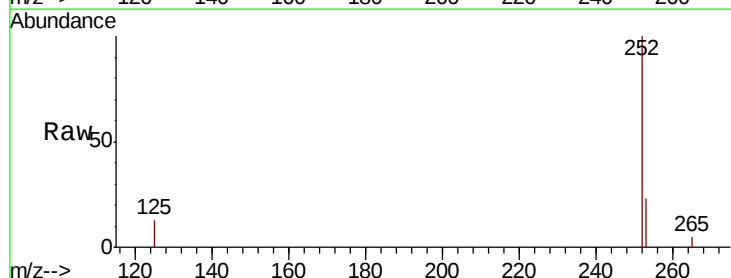
Instrument :
BNA_E
ClientSampleId :

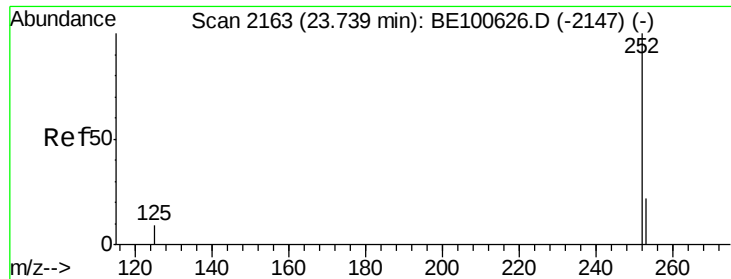
Tot Ion:252 Resp: 38222
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 9.2 7.6 11.4



#36
Benzo(k)fluoranthene
Concen: 0.434 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BE100675.D
Acq: 28 Oct 2019 16:02

Tgt Ion:252 Resp: 39745
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 13.0 11.6 17.4





#37

Benzo(a)pyrene

Concen: 0.420 ng

RT: 23.72 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

Instrument :

BNA_E

ClientSampleId :

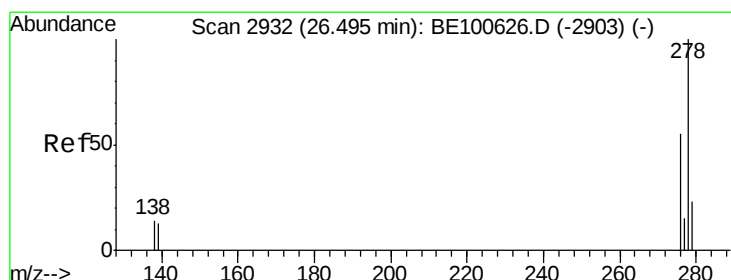
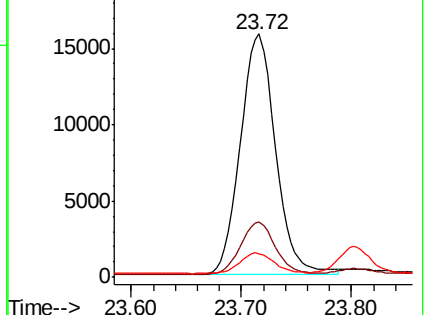
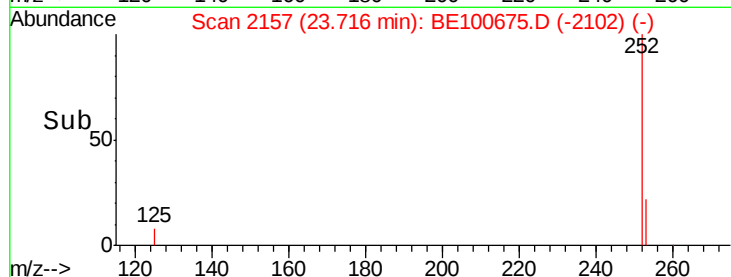
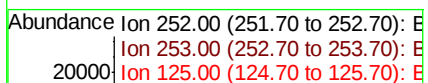
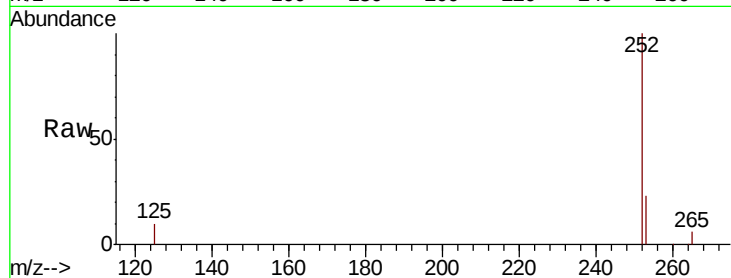
Tot Ion:252 Resp: 34862

Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

125 9.8 8.2 12.4



#38

Dibenzo(a,h)anthracene

Concen: 0.431 ng

RT: 26.46 min Scan# 2922

Delta R.T. -0.00 min

Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

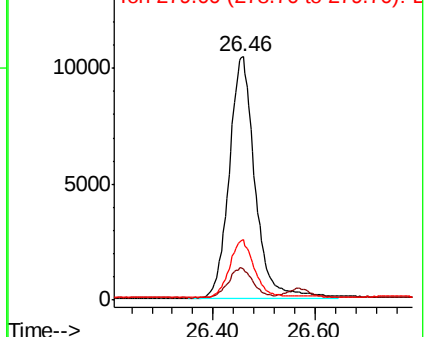
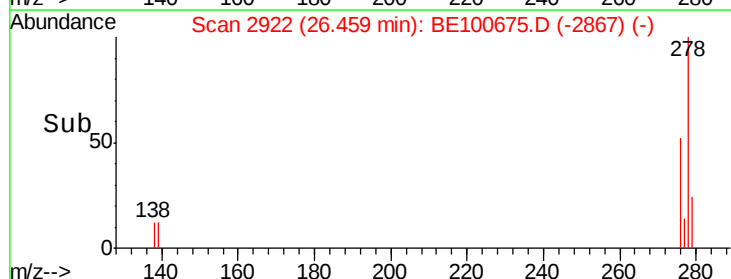
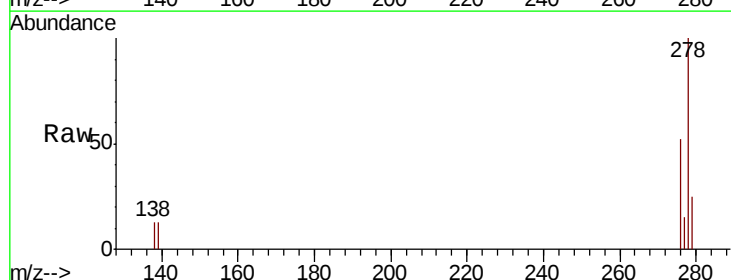
Tgt Ion:278 Resp: 36939

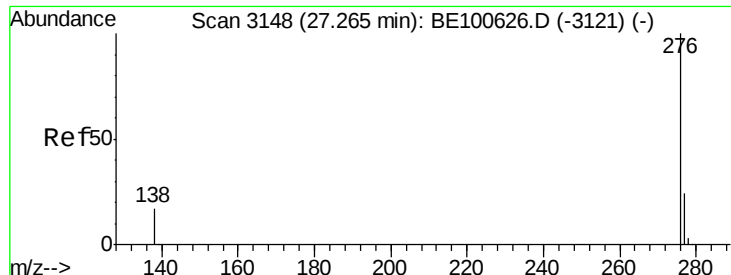
Ion Ratio Lower Upper

278 100

139 13.0 10.9 16.3

279 24.9 19.4 29.2





#39

Benzo(a,h,i)perylene

Concen: 0.443 ng

RT: 27.22 min Scan# 3136

Delta R.T. -0.01 min

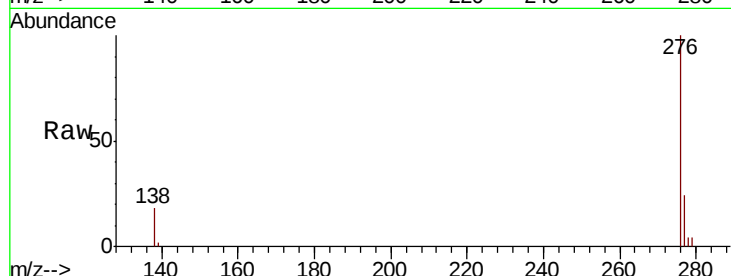
Lab File: BE100675.D

Acq: 28 Oct 2019 16:02

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 38186

Ion Ratio Lower Upper

276 100

277 23.9 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

