

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
 Data File : BE100683.D
 Acq On : 28 Oct 2019 20:54
 Operator : JU
 Sample : K5546-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 29 11:53:39 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	3842	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	16250	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	10159	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	23217	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	32539	0.40	ng	0.00
34) Perylene-d12	23.82	264	41768	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.44	112	3186	0.27	ng	0.00
5) Phenol-d6	7.01	99	3440	0.21	ng	0.00
8) Nitrobenzene-d5	8.99	82	4560	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	10031	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1283	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	13018	0.35	ng	0.00
25) Fluoranthene-d10	19.21	212	115330	0.38	ng	0.00
29) Terphenyl-d14	19.82	244	30860	0.43	ng	0.00

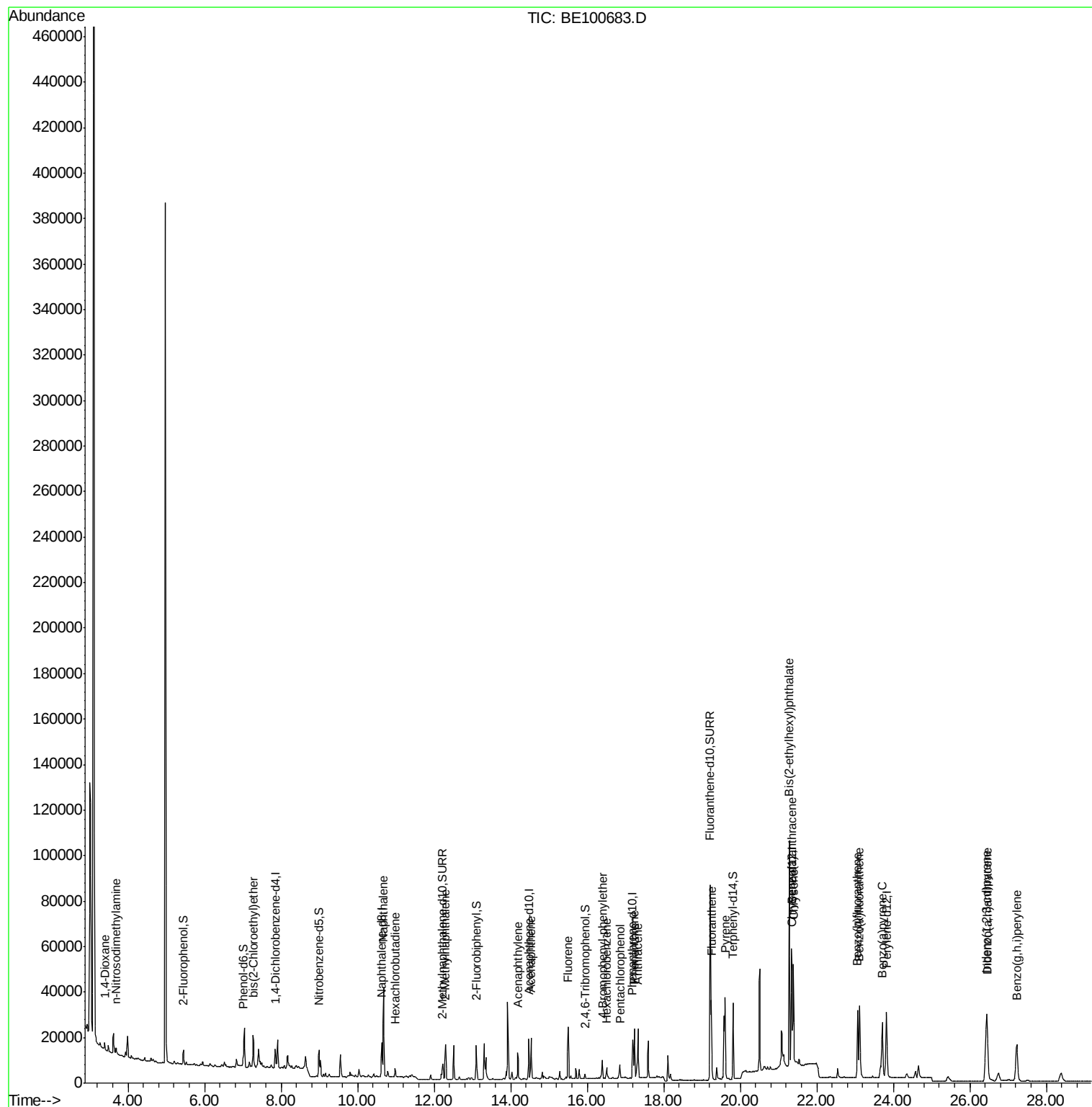
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	1545	0.225	ng	# 55
3) n-Nitrosodimethylamine	3.68	42	1949	0.269	ng	# 90
6) bis(2-Chloroethyl)ether	7.28	93	5276	0.384	ng	92
9) Naphthalene	10.68	128	62466	0.366	ng	100
10) Hexachlorobutadiene	10.98	225	2466	0.332	ng	98
12) 2-Methylnaphthalene	12.30	142	10398	0.357	ng	98
16) Acenaphthylene	14.18	152	14974	0.343	ng	99
17) Acenaphthene	14.53	154	9516	0.337	ng	100
18) Fluorene	15.50	166	13058	0.348	ng	100
20) 4-Bromophenyl-phenylether	16.40	248	4216	0.357	ng	91
21) Hexachlorobenzene	16.51	284	3648	0.324	ng	98
22) Pentachlorophenol	16.85	266	3247	0.895	ng	98
23) Phenanthrene	17.23	178	23819	0.373	ng	100
24) Anthracene	17.32	178	21999	0.371	ng	100
26) Fluoranthene	19.25	202	31669	0.380	ng	97
28) Pyrene	19.60	202	33242	0.366	ng	99
30) Benzo(a)anthracene	21.34	228	38467	0.362	ng	99
31) Chrysene	21.39	228	37670	0.355	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	112254	0.506	ng	100
33) Indeno(1,2,3-cd)pyrene	26.42	276	48799	0.374	ng	99
35) Benzo(b)fluoranthene	23.07	252	41985	0.345	ng	99
36) Benzo(k)fluoranthene	23.12	252	43884	0.350	ng	96
37) Benzo(a)pyrene	23.71	252	41121	0.363	ng	99
38) Dibenzo(a,h)anthracene	26.46	278	40558	0.346	ng	99
39) Benzo(g,h,i)perylene	27.23	276	41791	0.355	ng	99

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

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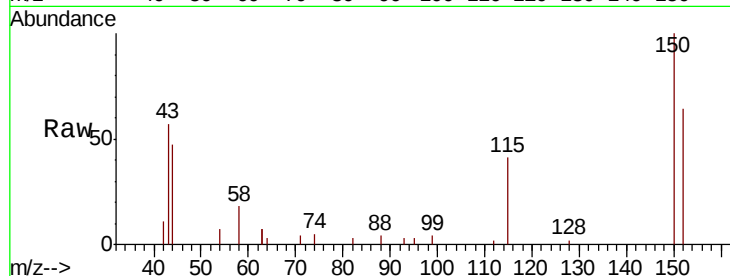


#1

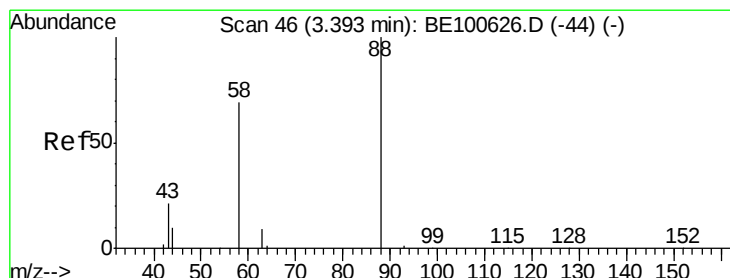
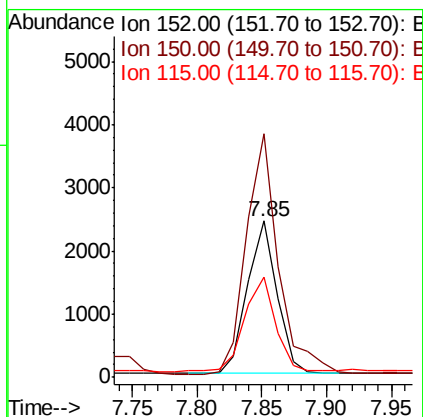
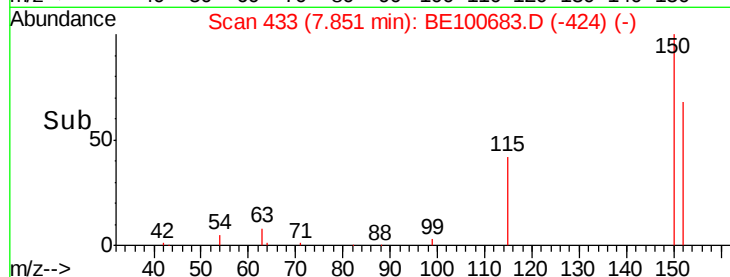
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100683.D
Acq: 28 Oct 2019 20:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3842
Ion Ratio Lower Upper
152 100
150 156.0 123.3 184.9
115 64.5 51.9 77.9



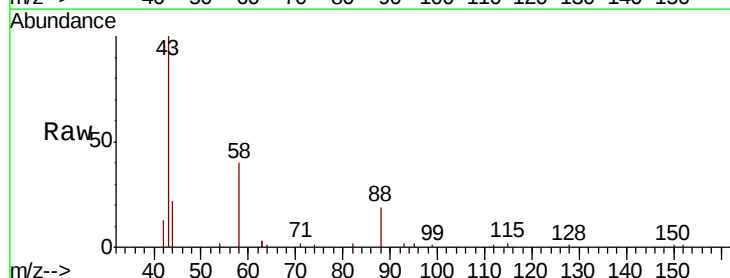
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



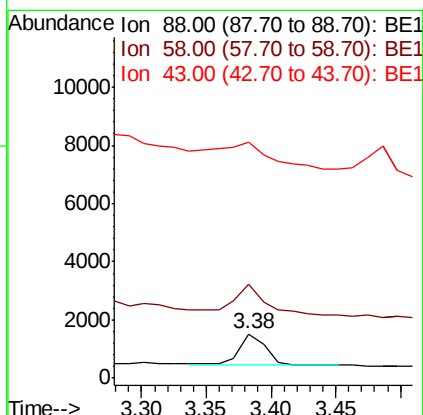
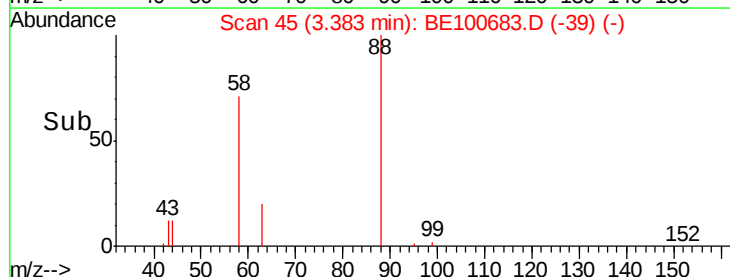
#2

1,4-Dioxane
Concen: 0.225 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100683.D
Acq: 28 Oct 2019 20:54

Tgt Ion: 88 Resp: 1545
Ion Ratio Lower Upper
88 100
58 108.5 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



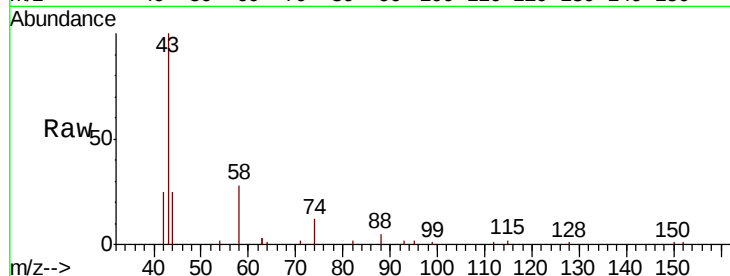


#3

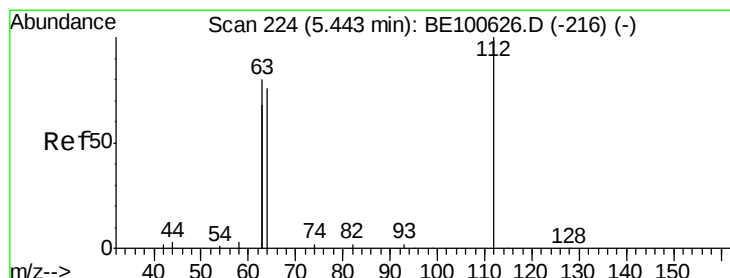
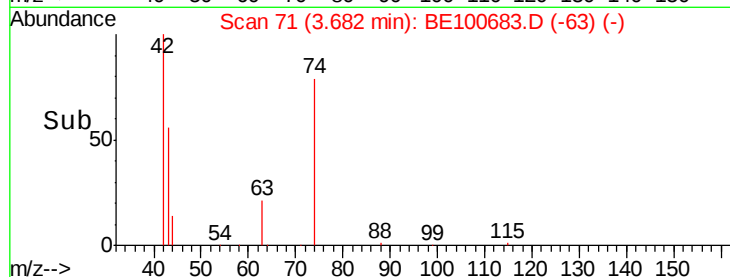
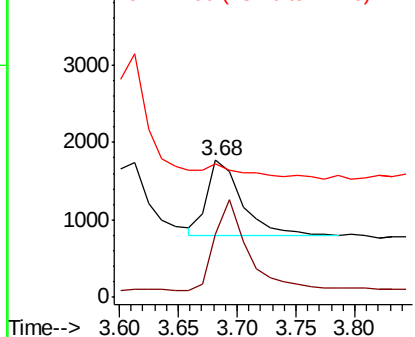
n-Nitrosodimethylamine
 Concen: 0.269 ng
 RT: 3.68 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BE100683.D
 Acq: 28 Oct 2019 20:54

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 1949
 Ion Ratio Lower Upper
 42 100
 74 117.4 97.2 145.8
 44 0.0 16.6 24.8#



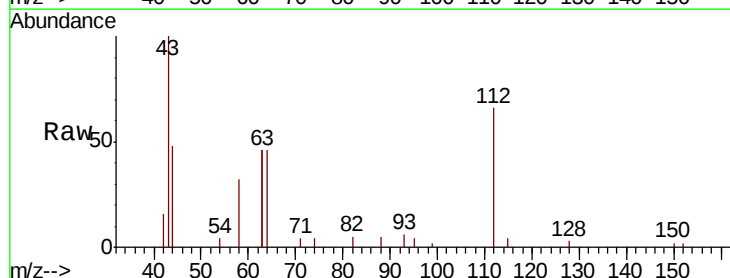
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



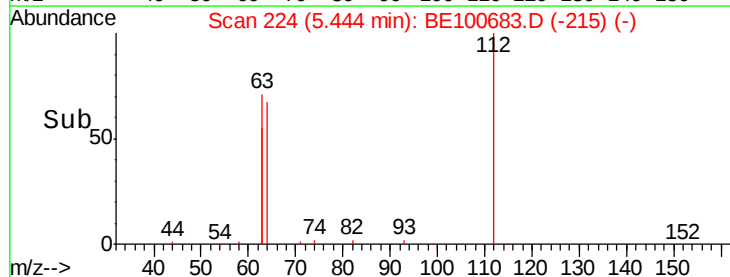
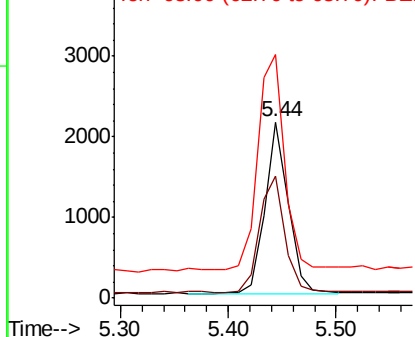
#4

2-Fluorophenol
 Concen: 0.269 ng
 RT: 5.44 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: BE100683.D
 Acq: 28 Oct 2019 20:54

Tgt Ion: 112 Resp: 3186
 Ion Ratio Lower Upper
 112 100
 64 73.3 55.4 83.2
 63 143.9 114.2 171.4



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: 0.206 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100683.D

Acq: 28 Oct 2019 20:54

Instrument :

BNA_E

ClientSampleId :

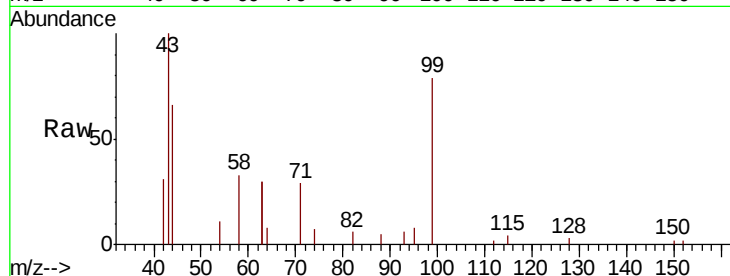
Tot Ion: 99 Resp: 3440

Ion Ratio Lower Upper

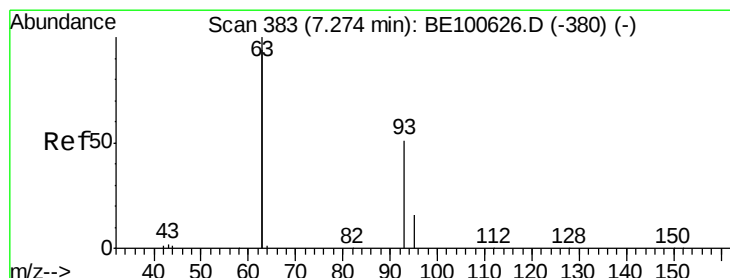
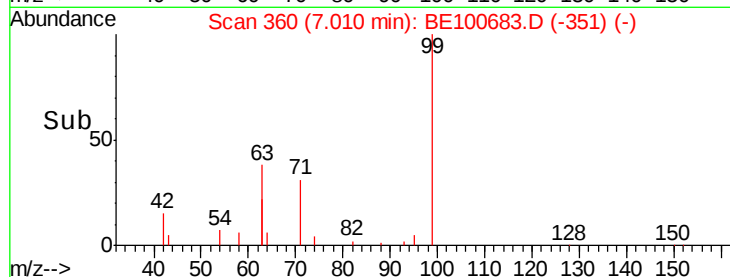
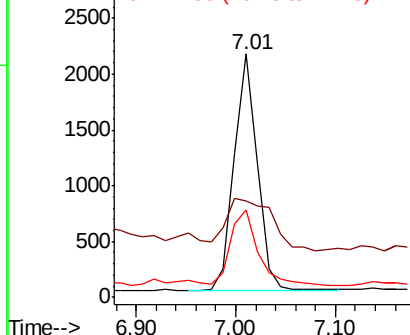
99 100

42 43.4 17.7 26.5#

71 37.2 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: 0.384 ng

RT: 7.28 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE100683.D

Acq: 28 Oct 2019 20:54

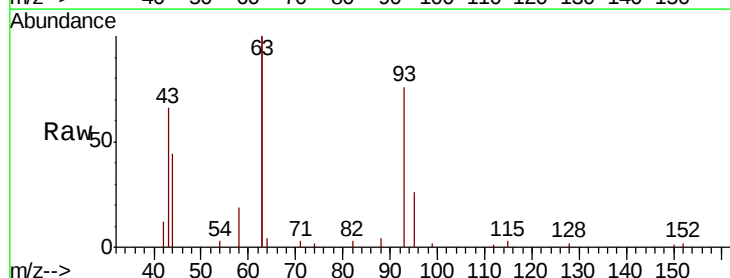
Tgt Ion: 93 Resp: 5276

Ion Ratio Lower Upper

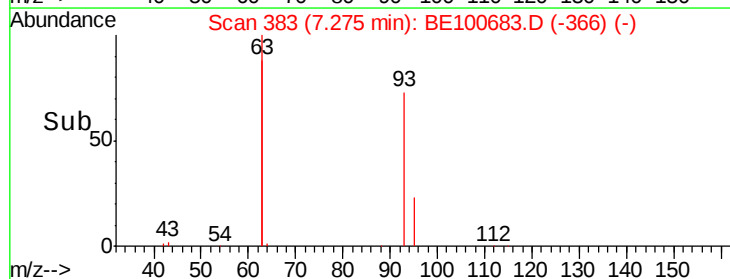
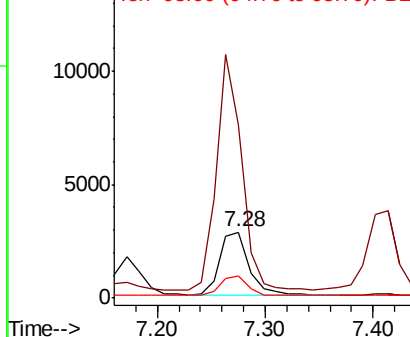
93 100

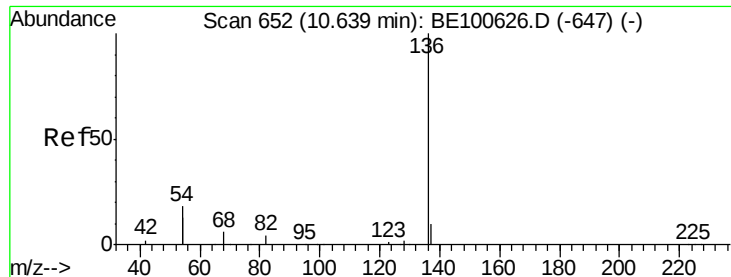
63 318.6 268.8 403.2

95 30.7 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: BE100683.D

Acq: 28 Oct 2019 20:54

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 16250

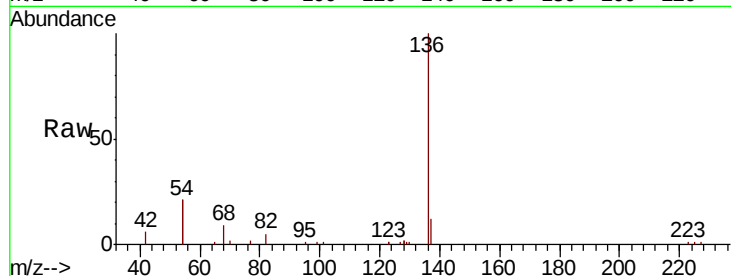
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 41.4 39.4 59.2

68 8.9 8.0 12.0

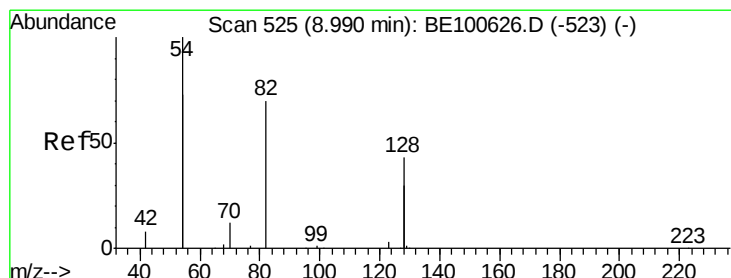
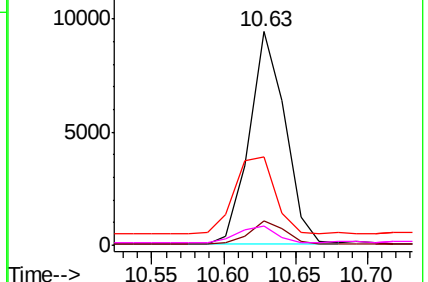
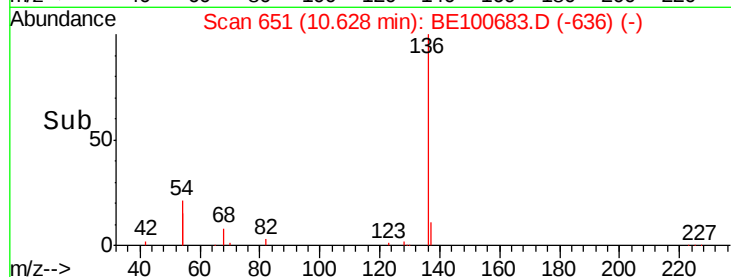


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.453 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE100683.D

Acq: 28 Oct 2019 20:54

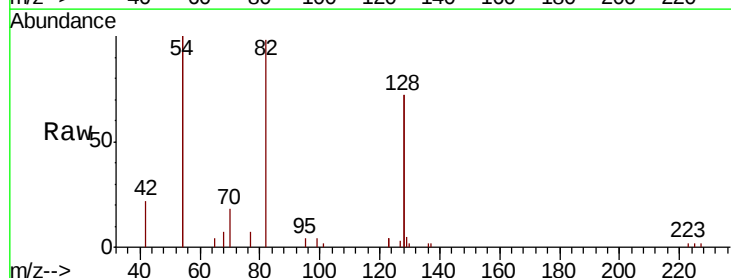
Tgt Ion: 82 Resp: 4560

Ion Ratio Lower Upper

82 100

128 148.1 107.8 161.8

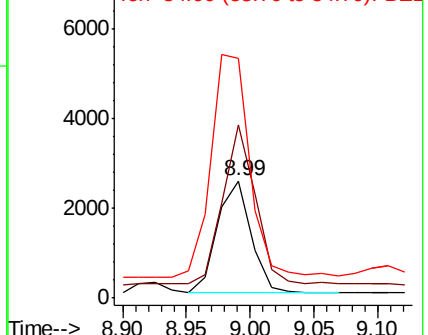
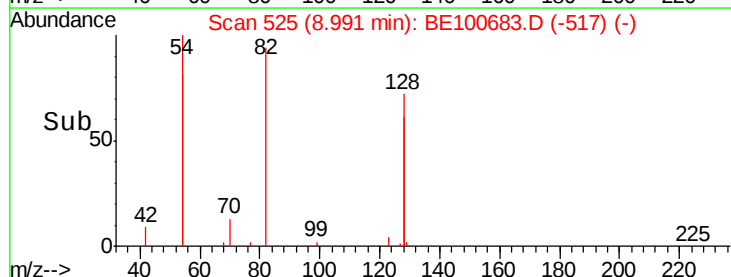
54 204.6 166.1 249.1



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: 0.366 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE100683.D

Acq: 28 Oct 2019 20:54

Instrument :

BNA_E

ClientSampleId :

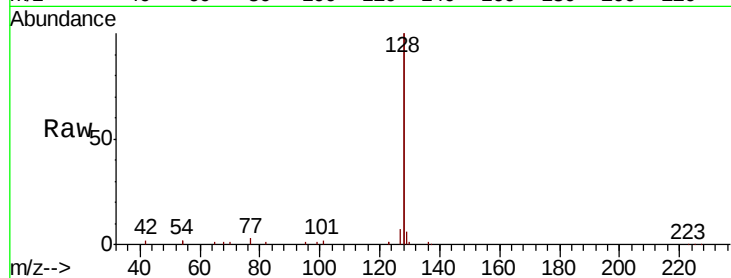
Tot Ion:128 Resp: 62466

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

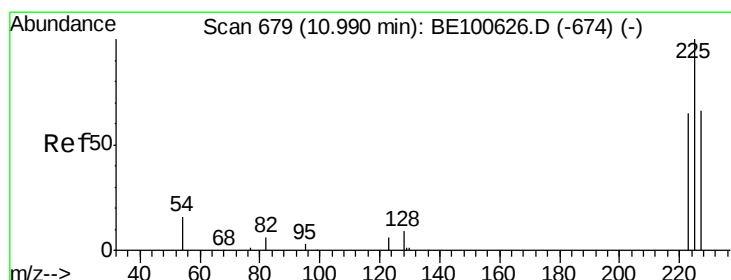
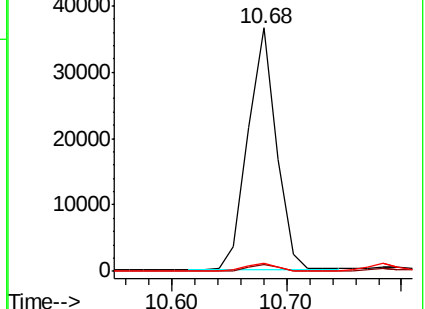
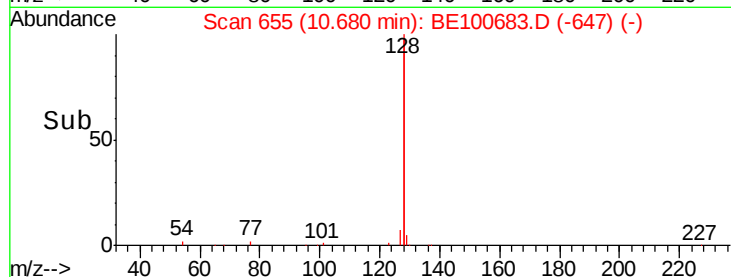
127 3.4 2.7 4.1



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: 0.332 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE100683.D

Acq: 28 Oct 2019 20:54

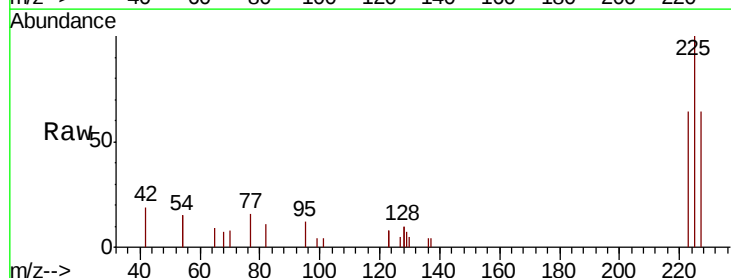
Tgt Ion:225 Resp: 2466

Ion Ratio Lower Upper

225 100

223 63.1 48.6 72.8

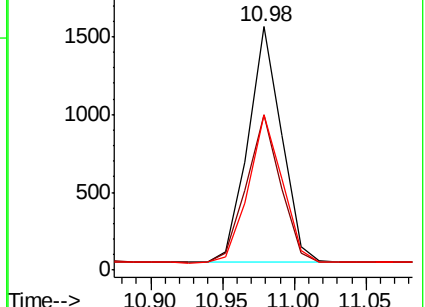
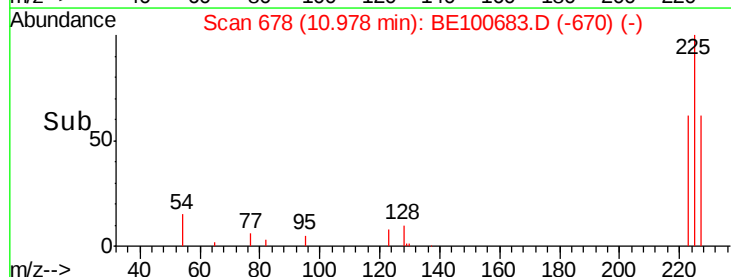
227 63.1 51.6 77.4

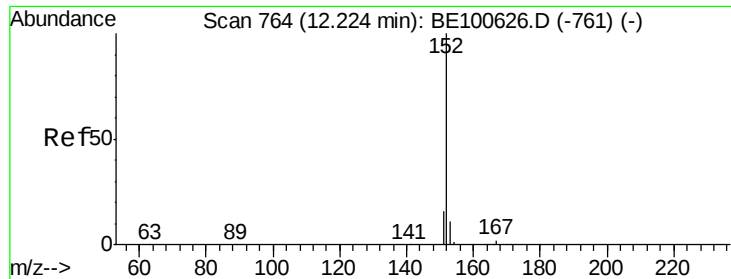


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

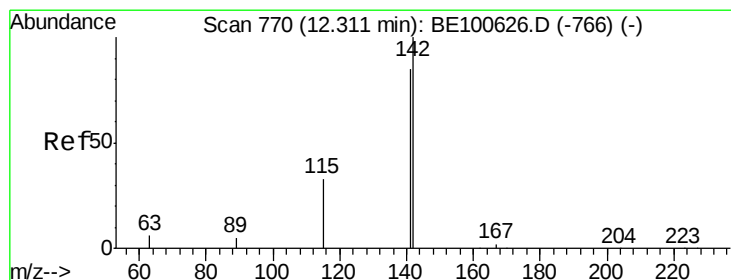
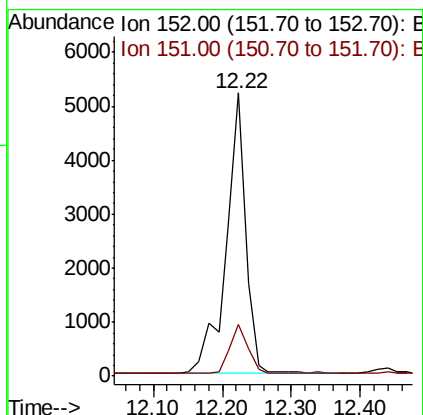
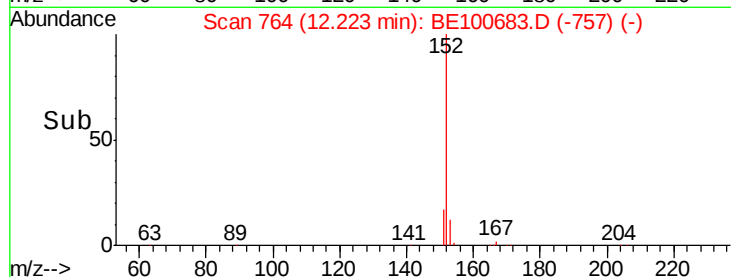
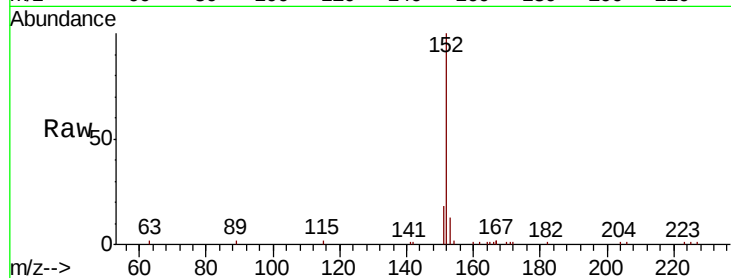




#11
 2-Methylnaphthalene-d10
 Concen: 0.391 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE100683.D
 Acq: 28 Oct 2019 20:54

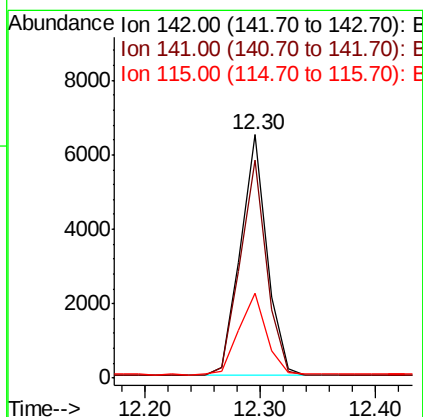
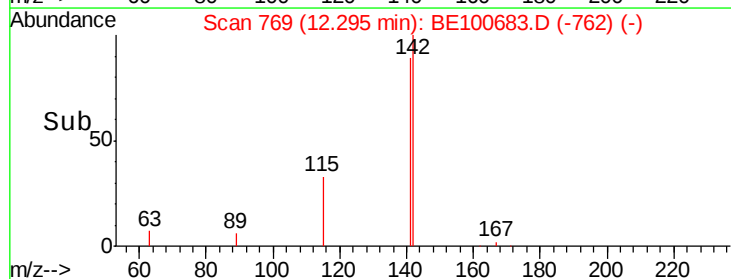
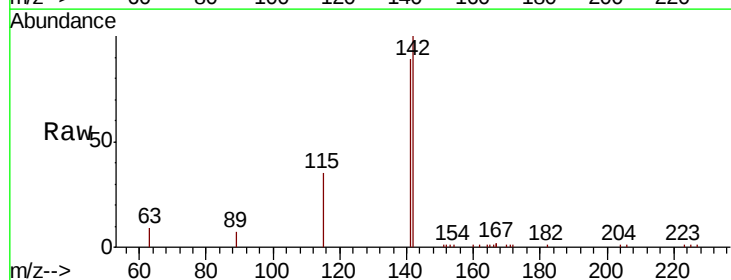
Instrument :
 BNA_E
 ClientSampleId :

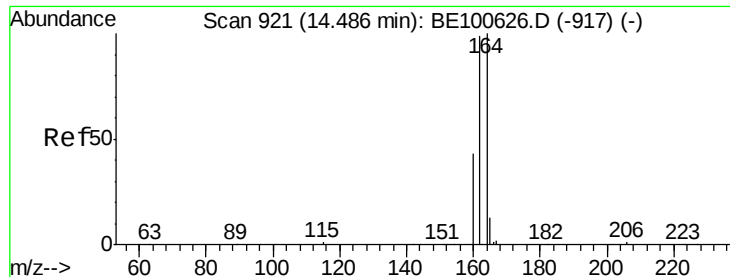
Tot Ion:152 Resp: 10031
 Ion Ratio Lower Upper
 152 100
 151 16.0 14.7 22.1



#12
 2-Methylnaphthalene
 Concen: 0.357 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE100683.D
 Acq: 28 Oct 2019 20:54

Tgt Ion:142 Resp: 10398
 Ion Ratio Lower Upper
 142 100
 141 89.5 70.1 105.1
 115 34.7 28.3 42.5

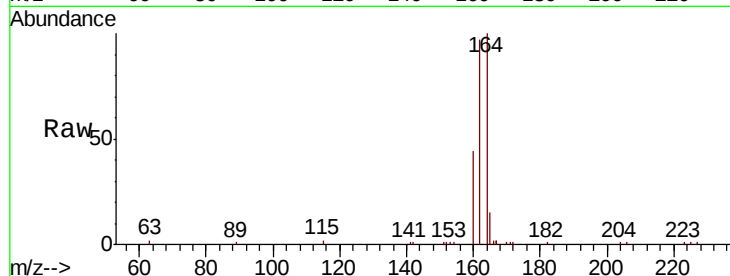




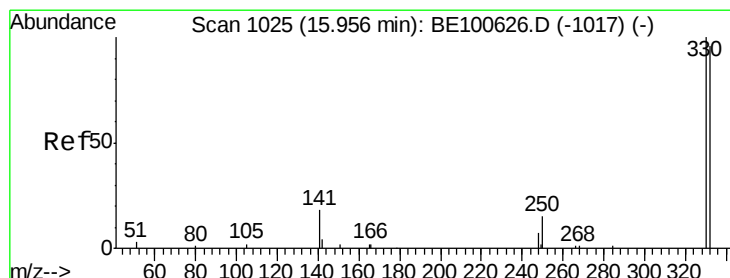
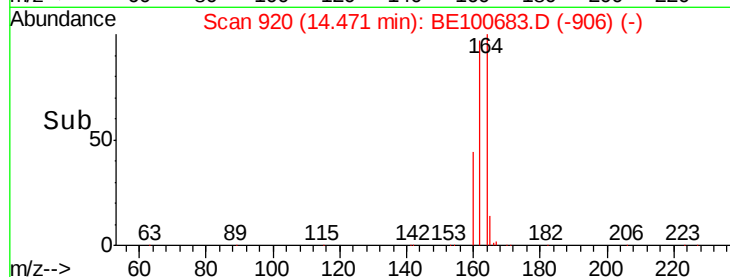
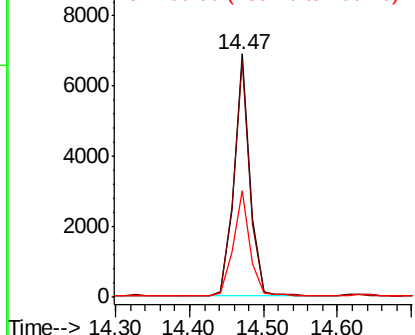
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100683.D
Acq: 28 Oct 2019 20:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 10159
Ion Ratio Lower Upper
164 100
162 97.3 82.0 123.0
160 44.0 37.5 56.3

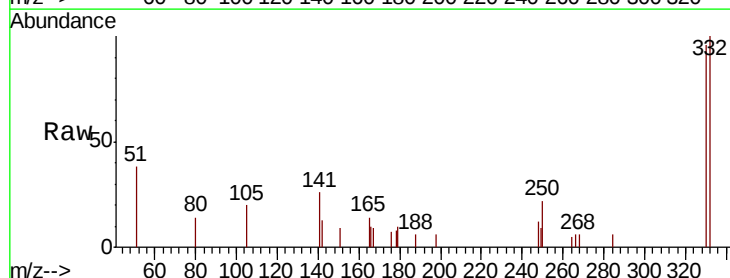


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

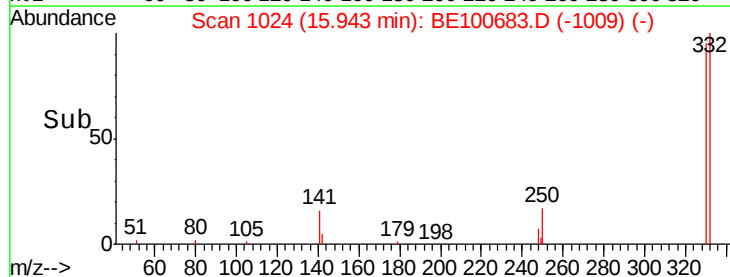
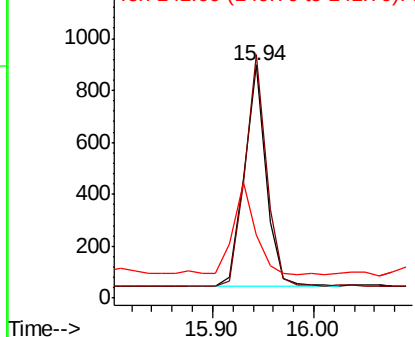


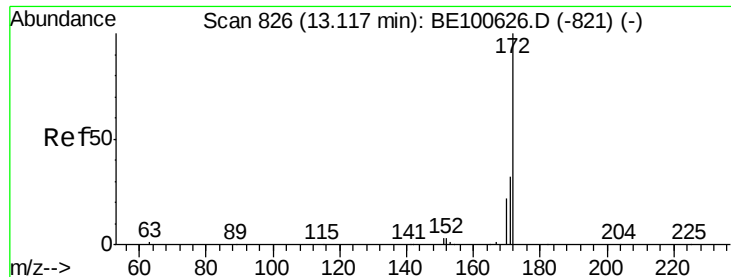
#14
2,4,6-Tribromophenol
Concen: 0.478 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100683.D
Acq: 28 Oct 2019 20:54

Tgt Ion:330 Resp: 1283
Ion Ratio Lower Upper
330 100
332 103.7 77.9 116.9
141 43.8 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

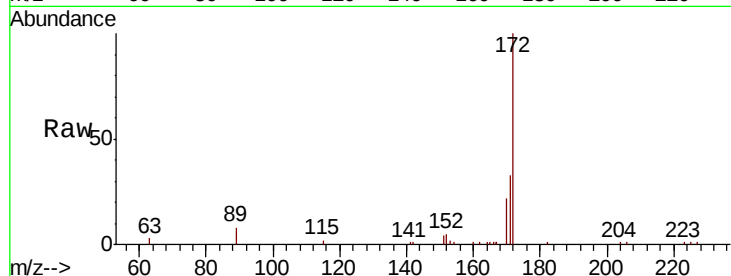




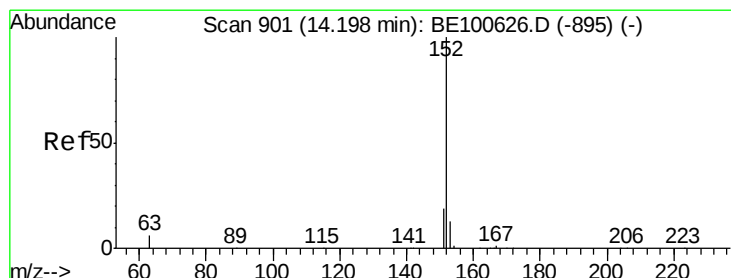
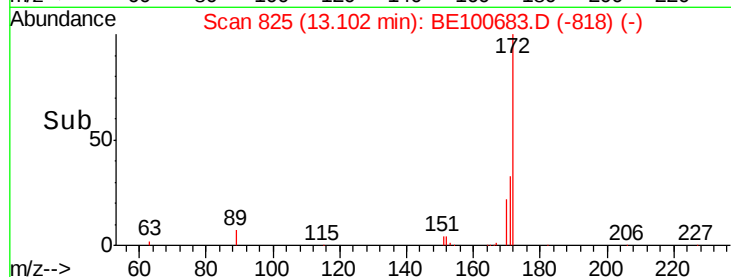
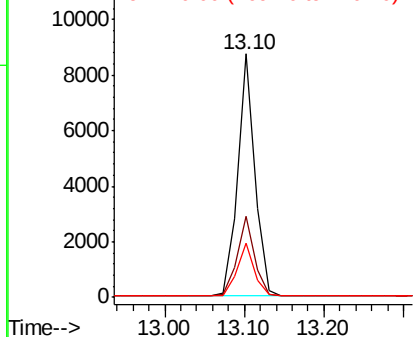
#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100683.D
Acq: 28 Oct 2019 20:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 13018
Ion Ratio Lower Upper
172 100
171 33.3 26.5 39.7
170 22.5 19.0 28.4

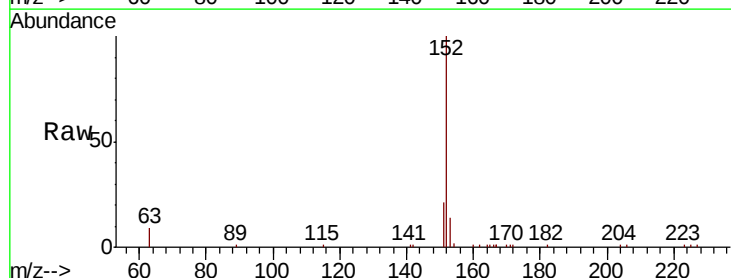


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

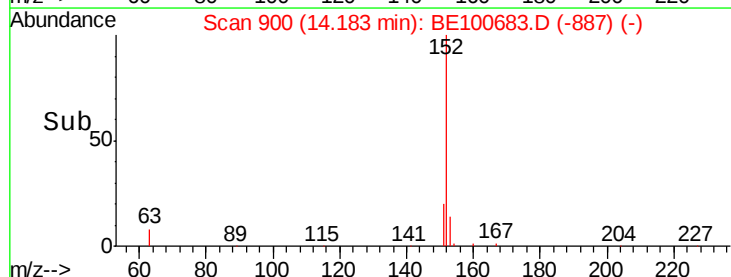
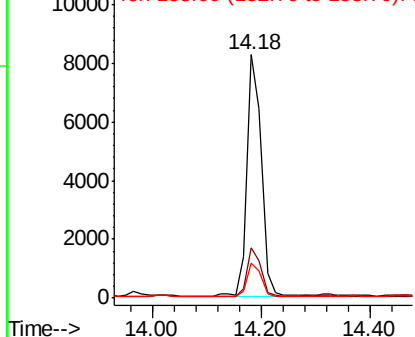


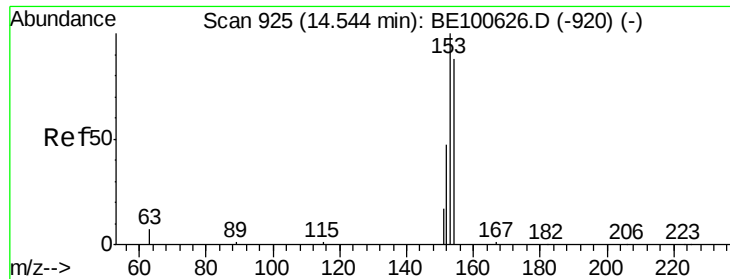
#16
Acenaphthylene
Concen: 0.343 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.02 min
Lab File: BE100683.D
Acq: 28 Oct 2019 20:54

Tgt Ion:152 Resp: 14974
Ion Ratio Lower Upper
152 100
151 19.2 15.2 22.8
153 13.5 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

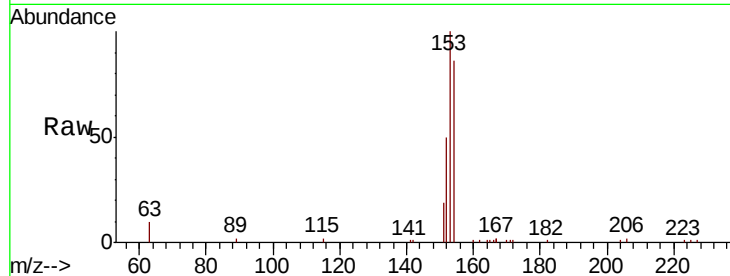




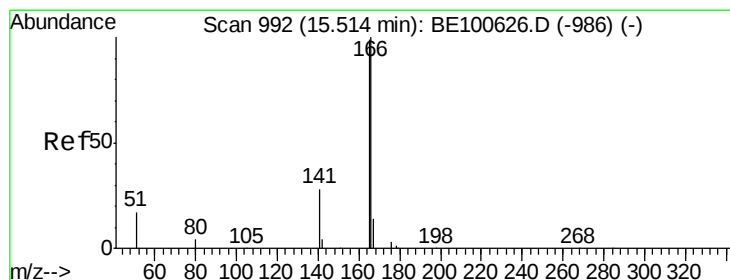
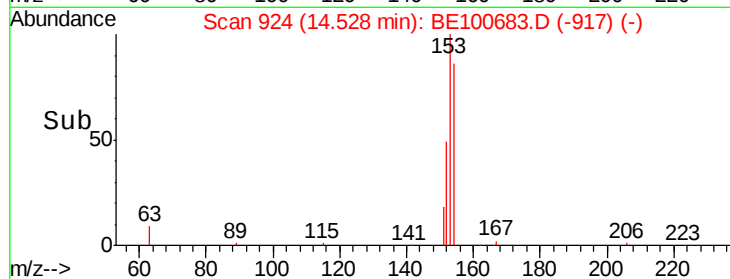
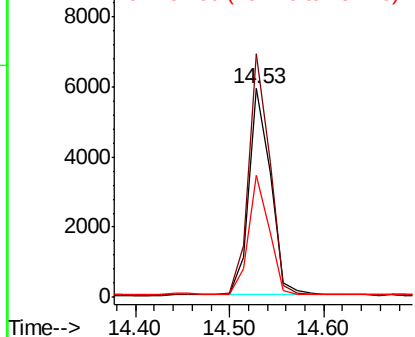
#17
Acenaphthene
Concen: 0.337 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100683.D
Acq: 28 Oct 2019 20:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 9516
Ion Ratio Lower Upper
154 100
153 112.3 89.4 134.2
152 54.8 44.1 66.1

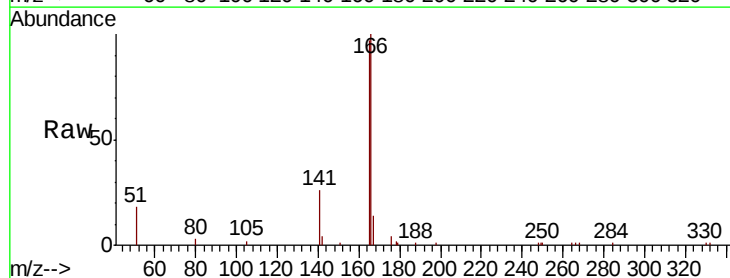


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

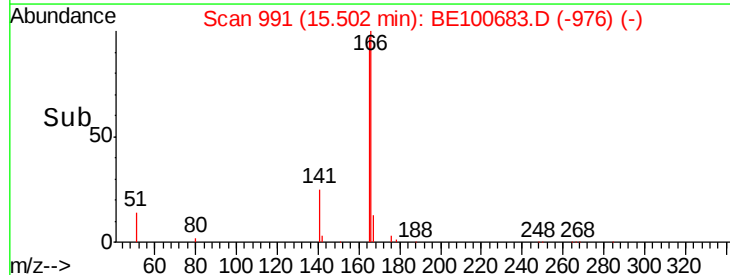
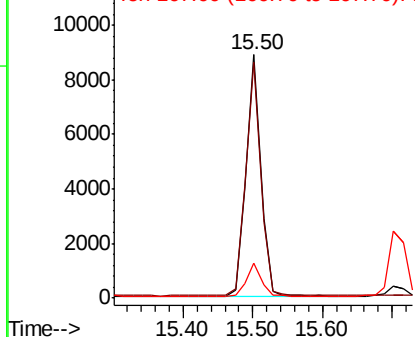


#18
Fluorene
Concen: 0.348 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.00 min
Lab File: BE100683.D
Acq: 28 Oct 2019 20:54

Tgt Ion:166 Resp: 13058
Ion Ratio Lower Upper
166 100
165 98.7 78.6 117.8
167 13.3 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: BE100683.D

Acq: 28 Oct 2019 20:54

Instrument :

BNA_E

ClientSampleId :

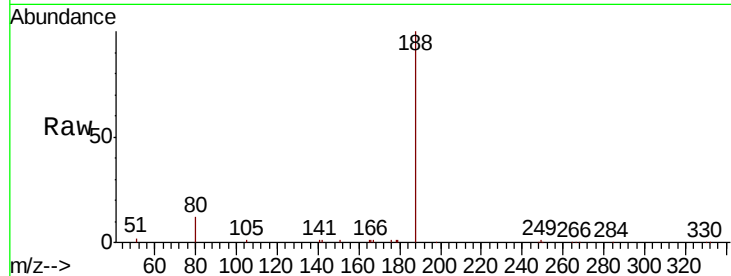
Tot Ion:188 Resp: 23217

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

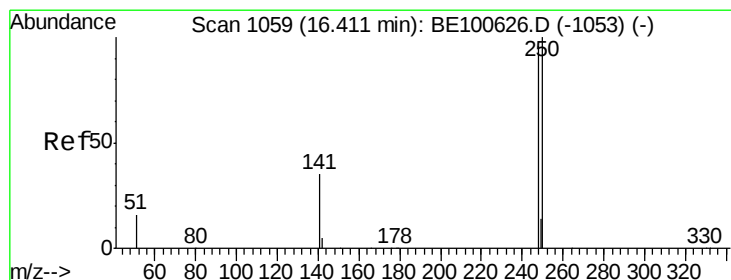
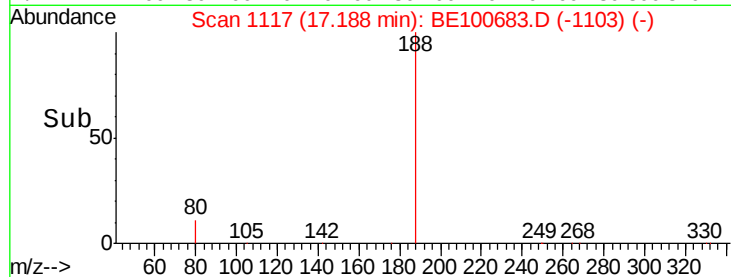
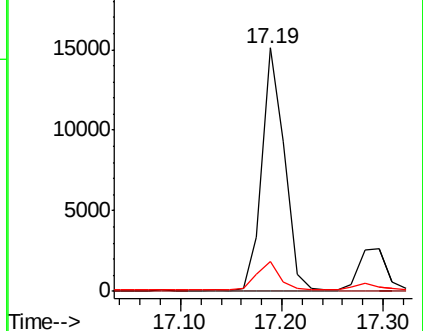
80 12.1 5.4 8.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.357 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE100683.D

Acq: 28 Oct 2019 20:54

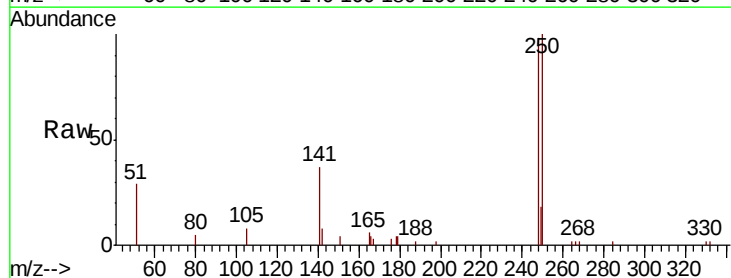
Tgt Ion:248 Resp: 4216

Ion Ratio Lower Upper

248 100

250 101.7 76.3 114.5

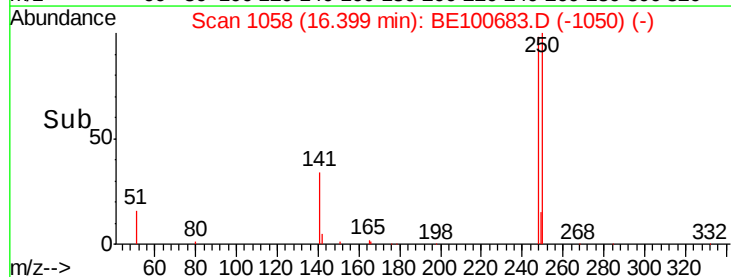
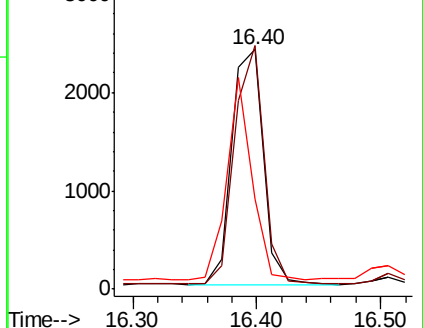
141 37.7 37.3 55.9

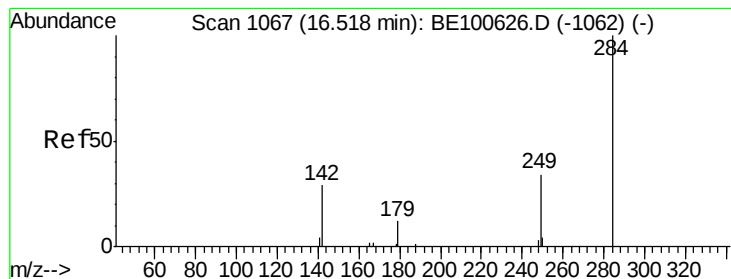


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.324 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE100683.D

Acq: 28 Oct 2019 20:54

Instrument :

BNA_E

ClientSampleId :

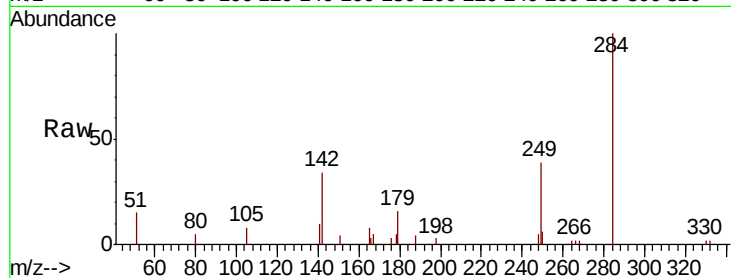
Tot Ion:284 Resp: 3648

Ion Ratio Lower Upper

284 100

142 37.4 28.6 42.8

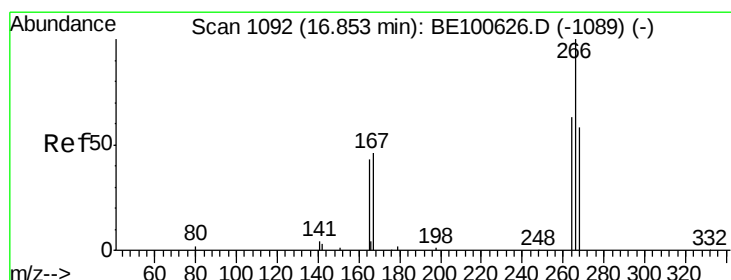
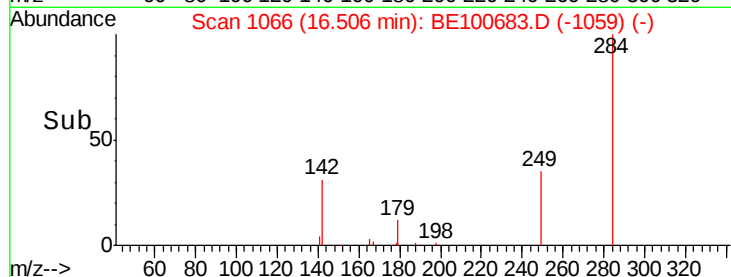
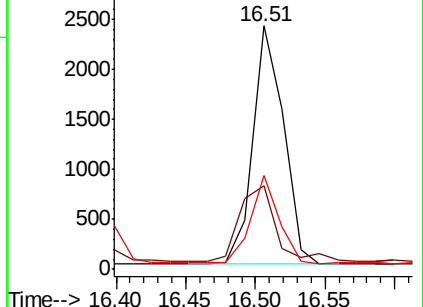
249 33.8 26.3 39.5



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: 0.895 ng

RT: 16.85 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE100683.D

Acq: 28 Oct 2019 20:54

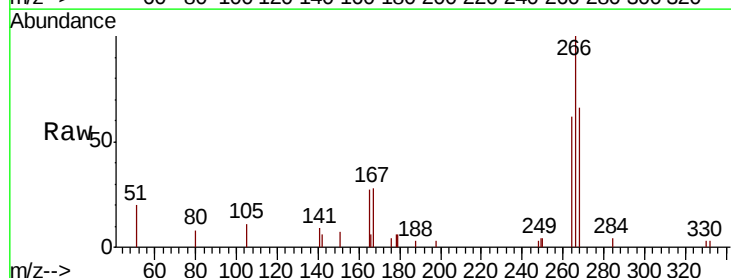
Tgt Ion:266 Resp: 3247

Ion Ratio Lower Upper

266 100

264 61.7 52.2 78.4

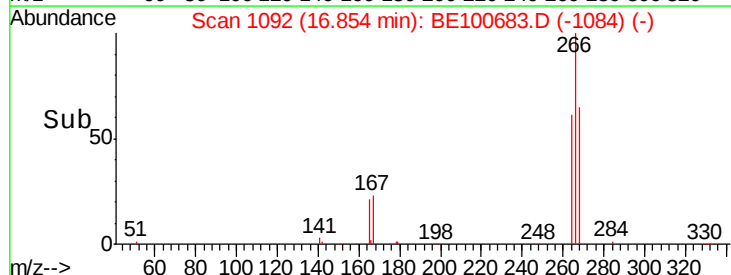
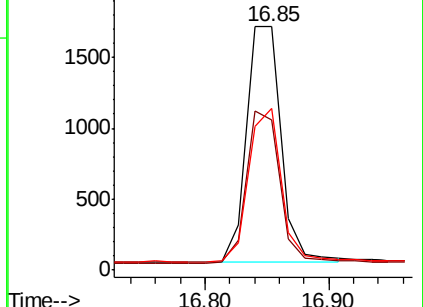
268 66.4 53.1 79.7

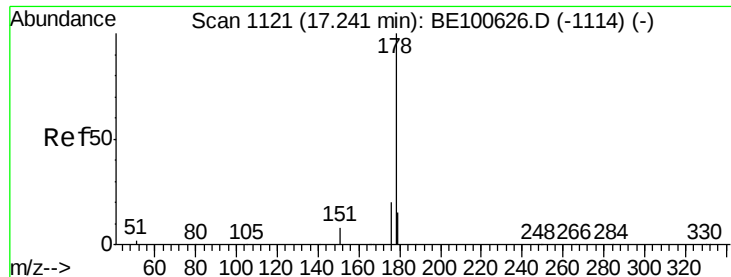


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.373 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE100683.D

Acq: 28 Oct 2019 20:54

Instrument :

BNA_E

ClientSampleId :

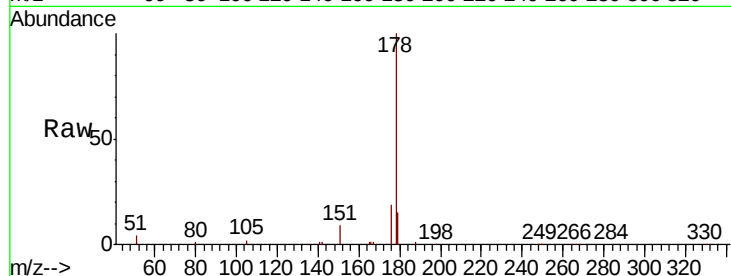
Tot Ion:178 Resp: 23819

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

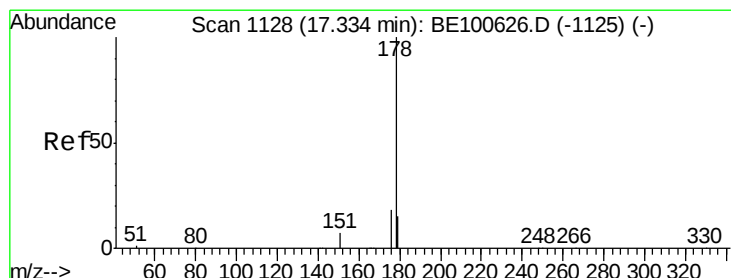
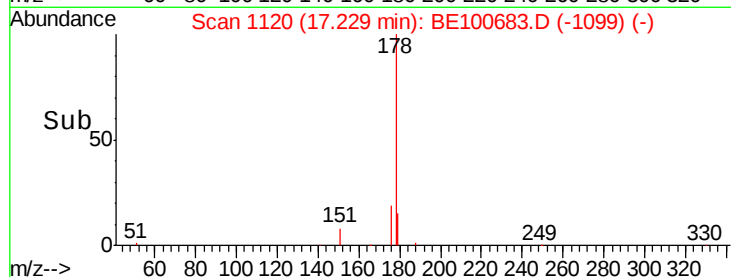
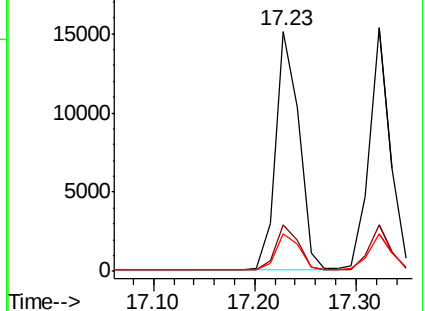
179 15.3 12.1 18.1



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: 0.371 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE100683.D

Acq: 28 Oct 2019 20:54

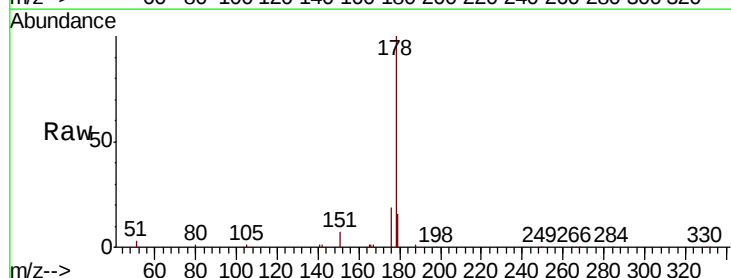
Tgt Ion:178 Resp: 21999

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

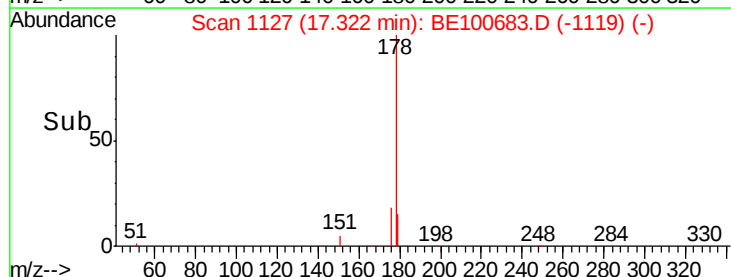
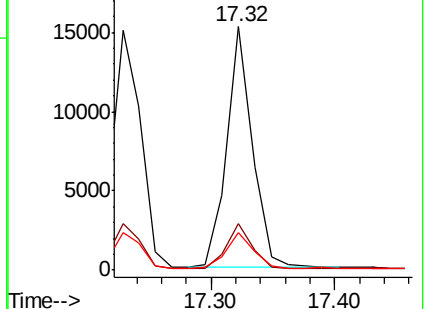
179 15.4 12.5 18.7

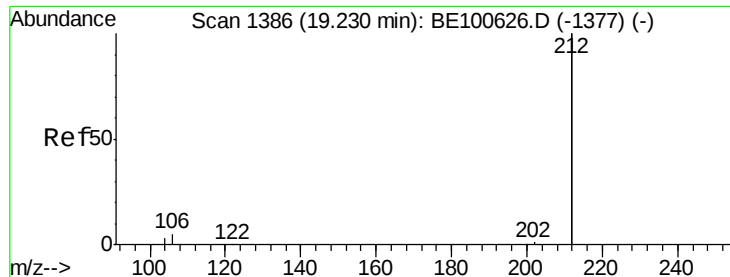


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.385 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BE100683.D

Acq: 28 Oct 2019 20:54

Instrument :

BNA_E

ClientSampleId :

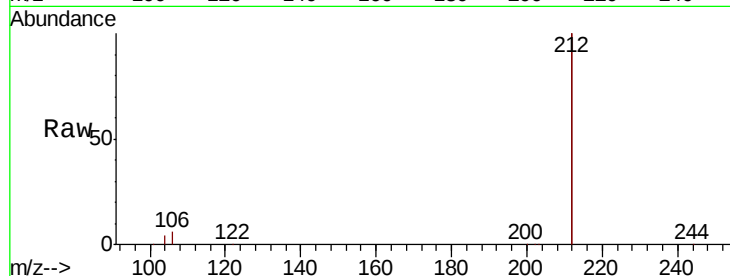
Tot Ion:212 Resp: 115330

Ion Ratio Lower Upper

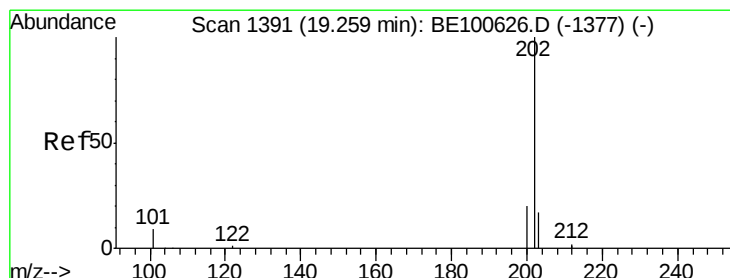
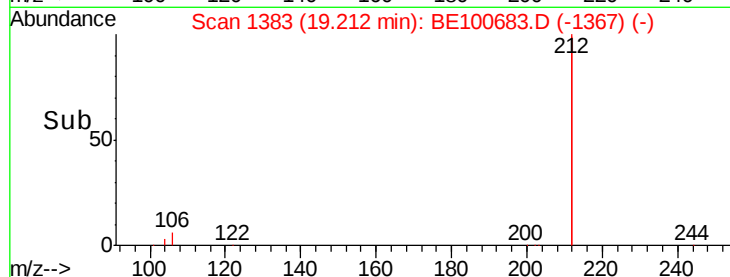
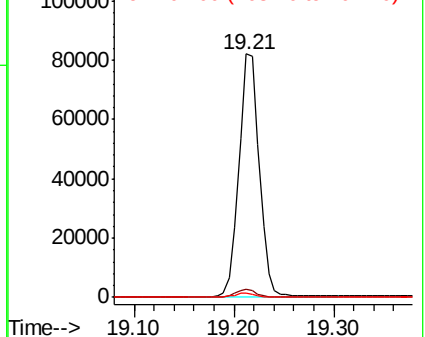
212 100

106 3.0 2.3 3.5

104 1.7 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: 0.380 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE100683.D

Acq: 28 Oct 2019 20:54

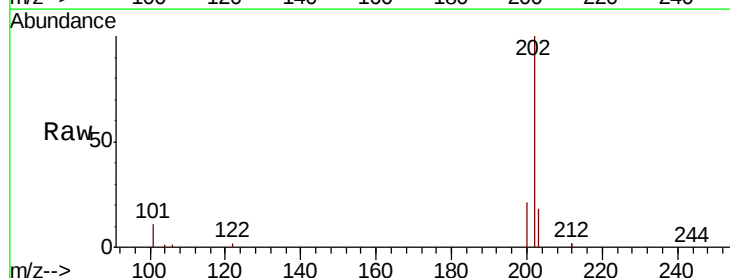
Tgt Ion:202 Resp: 31669

Ion Ratio Lower Upper

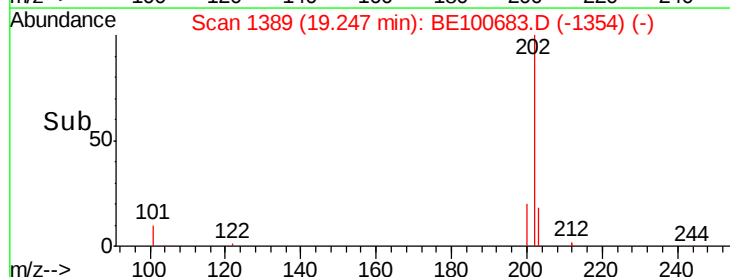
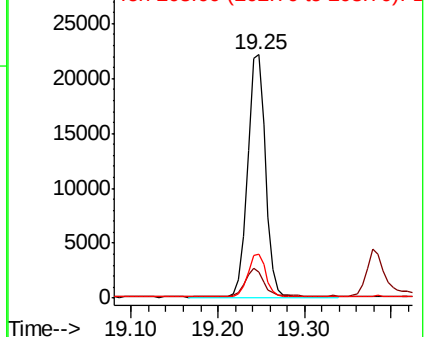
202 100

101 12.7 8.5 12.7

203 17.7 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: BE100683.D

Acq: 28 Oct 2019 20:54

Instrument :

BNA_E

ClientSampleId :

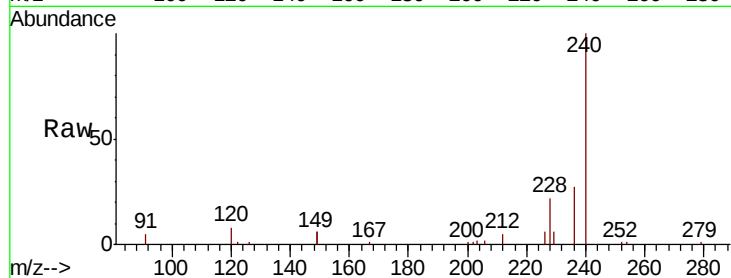
Tot Ion:240 Resp: 32539

Ion Ratio Lower Upper

240 100

120 7.7 7.6 11.4

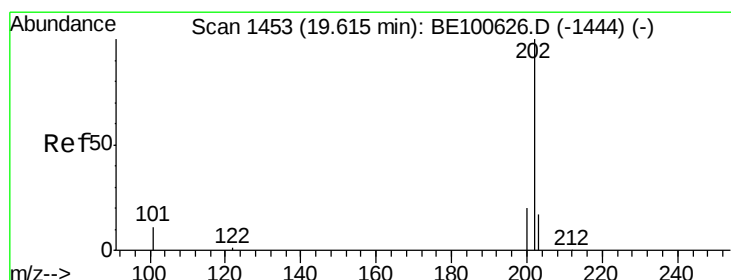
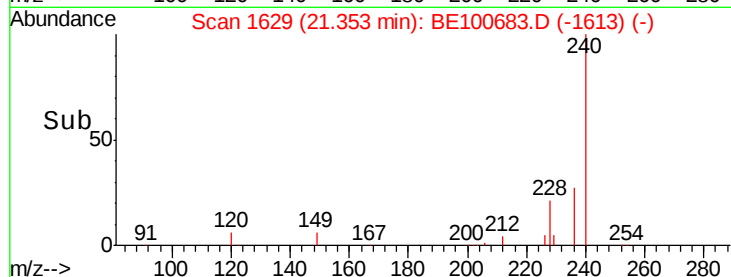
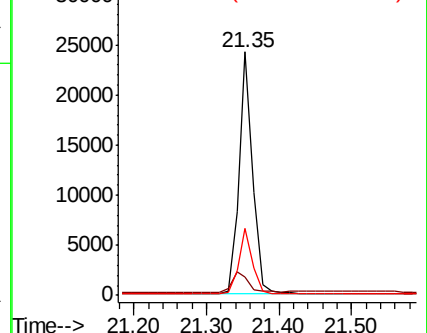
236 27.3 22.1 33.1



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: 0.366 ng

RT: 19.60 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BE100683.D

Acq: 28 Oct 2019 20:54

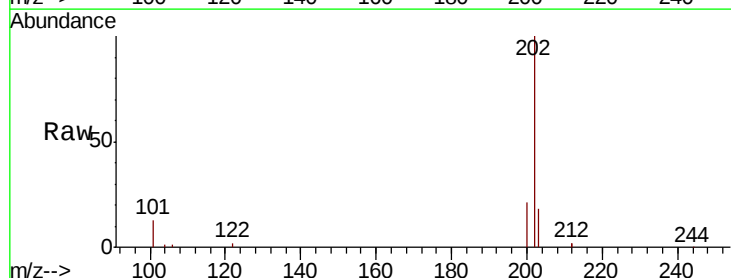
Tgt Ion:202 Resp: 33242

Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

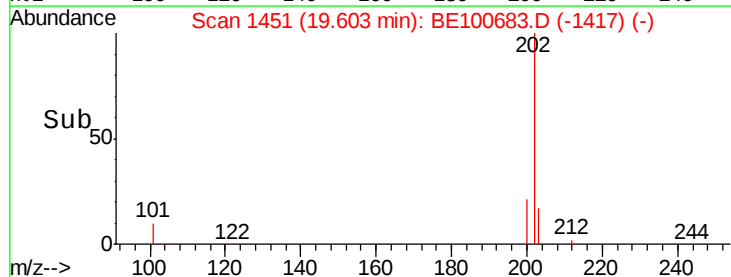
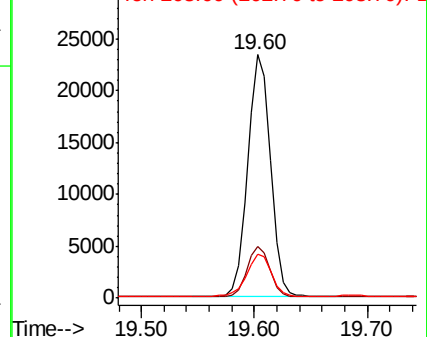
203 18.3 14.0 21.0

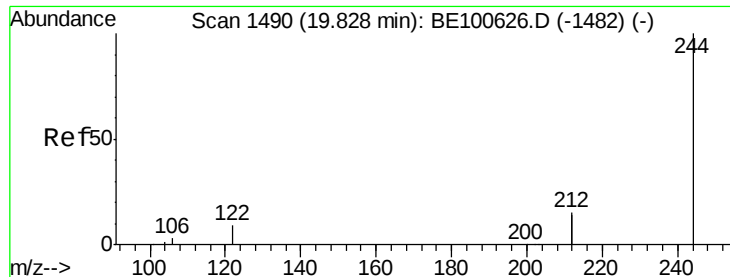


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.434 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE100683.D

Acq: 28 Oct 2019 20:54

Instrument :

BNA_E

ClientSampleId :

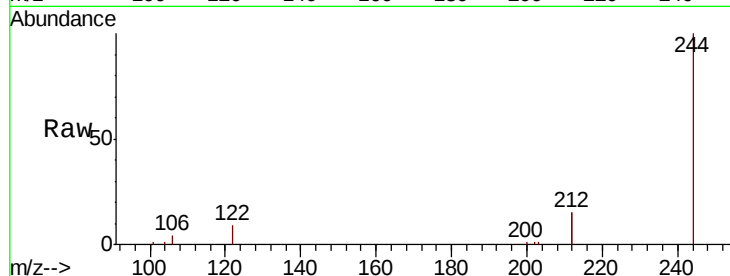
Tot Ion:244 Resp: 30860

Ion Ratio Lower Upper

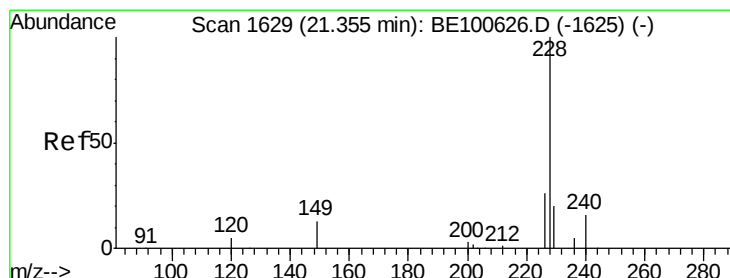
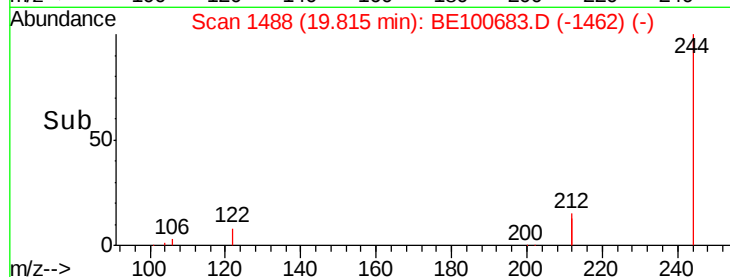
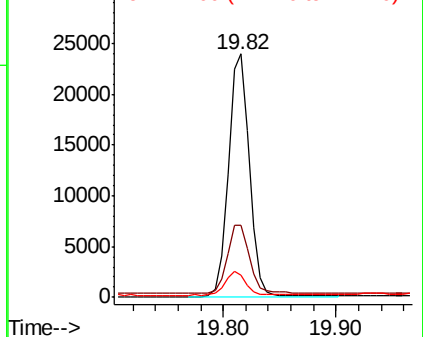
244 100

212 29.7 23.7 35.5

122 8.9 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: 0.362 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE100683.D

Acq: 28 Oct 2019 20:54

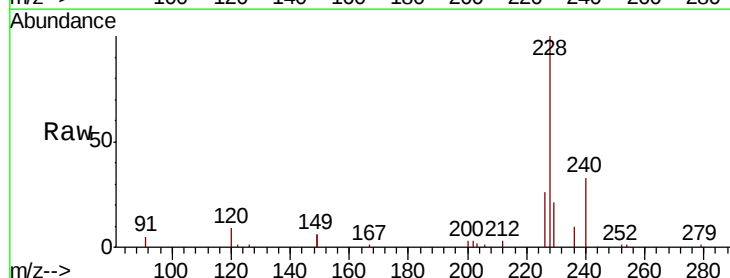
Tgt Ion:228 Resp: 38467

Ion Ratio Lower Upper

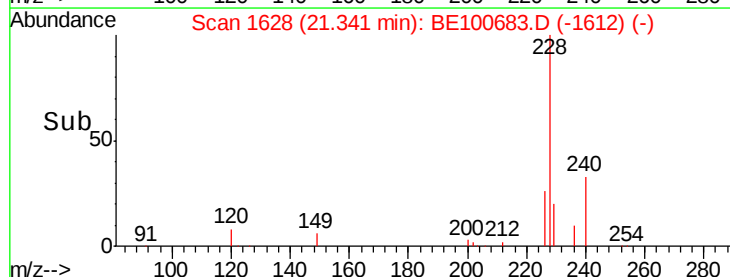
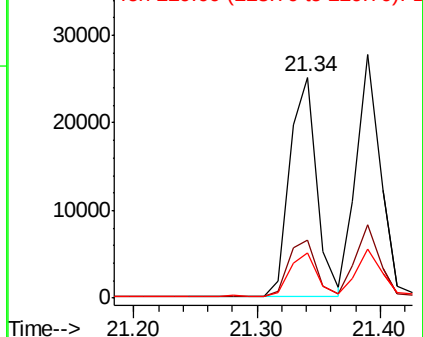
228 100

226 26.2 21.4 32.0

229 20.8 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: 0.355 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE100683.D

Acq: 28 Oct 2019 20:54

Instrument :

BNA_E

ClientSampleId :

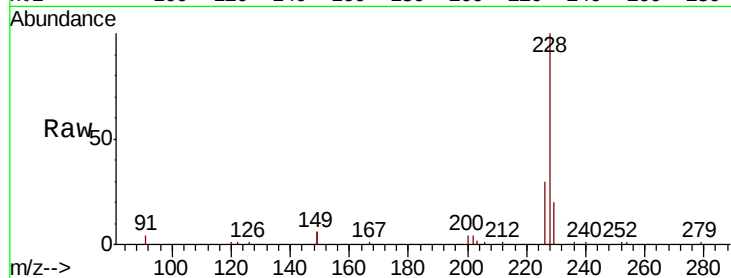
Tot Ion:228 Resp: 37670

Ion Ratio Lower Upper

228 100

226 30.2 24.6 37.0

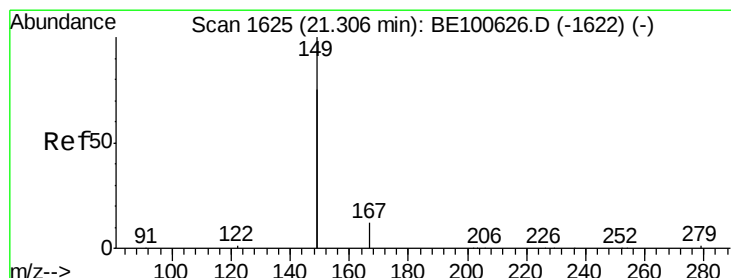
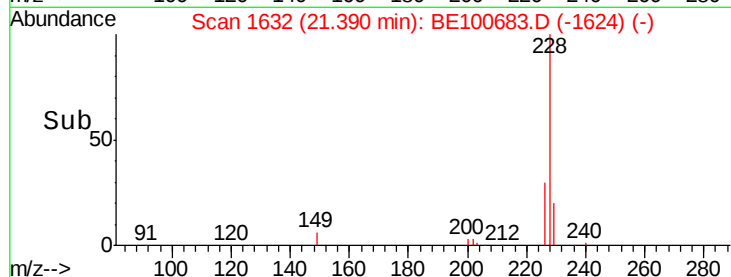
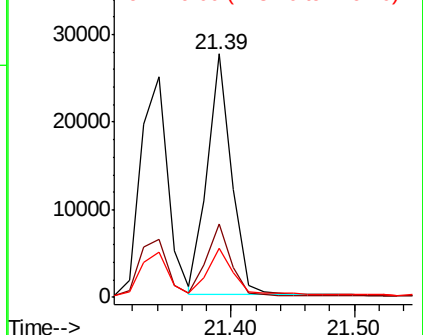
229 20.3 15.8 23.8



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: 0.506 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100683.D

Acq: 28 Oct 2019 20:54

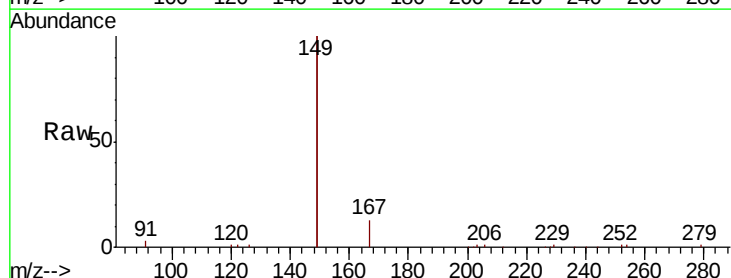
Tgt Ion:149 Resp: 112254

Ion Ratio Lower Upper

149 100

167 6.9 5.5 8.3

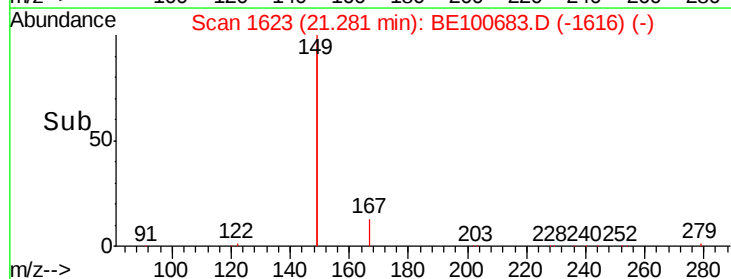
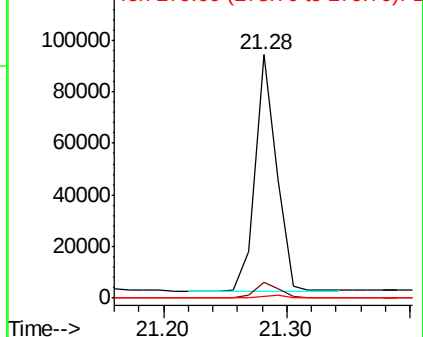
279 1.1 0.9 1.3

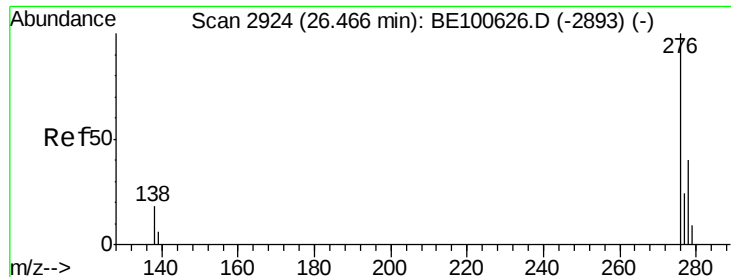


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

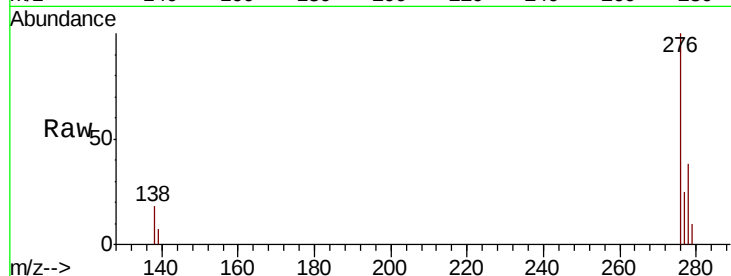




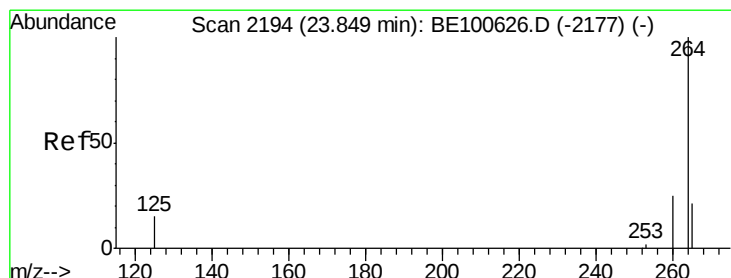
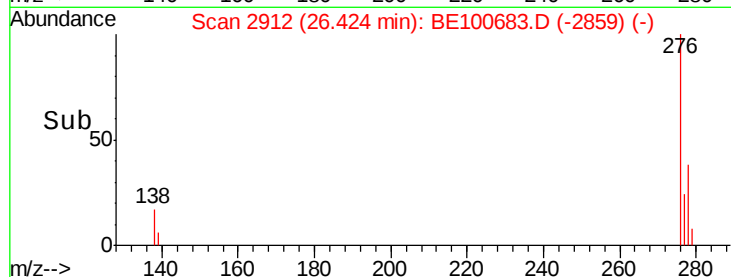
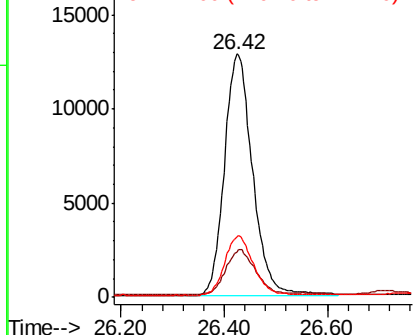
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng
RT: 26.42 min Scan# 2912
Delta R.T. -0.01 min
Lab File: BE100683.D
Acq: 28 Oct 2019 20:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 48799
Ion Ratio Lower Upper
276 100
138 19.3 15.3 22.9
277 24.8 19.4 29.2

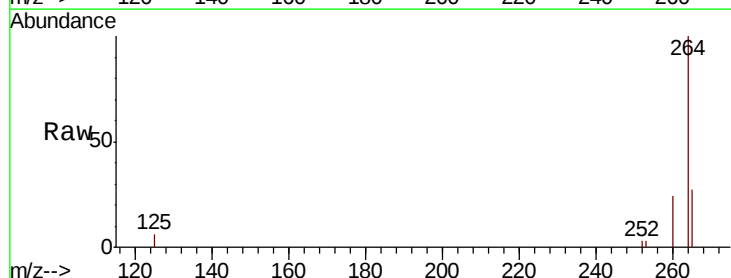


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

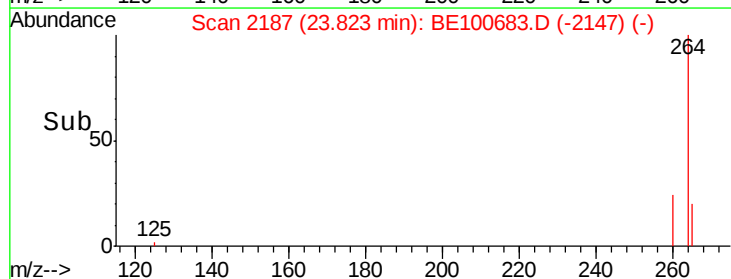
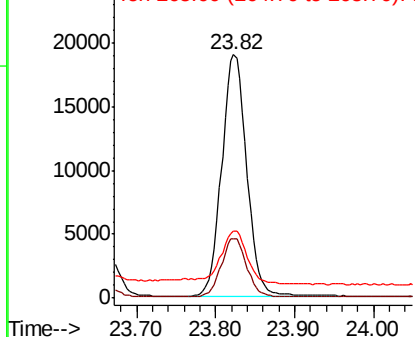


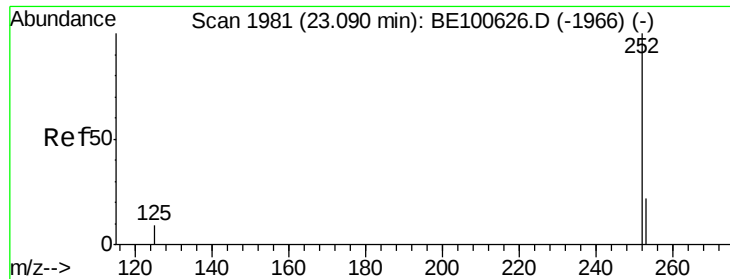
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.82 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BE100683.D
Acq: 28 Oct 2019 20:54

Tgt Ion:264 Resp: 41768
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 27.3 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

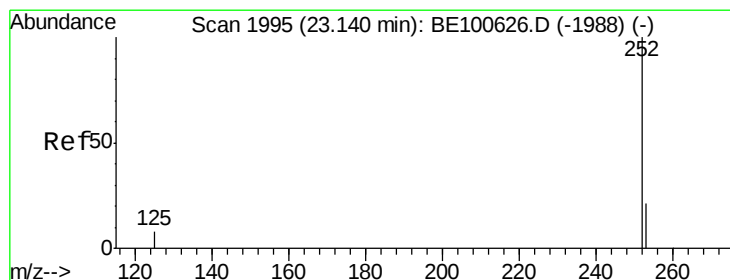
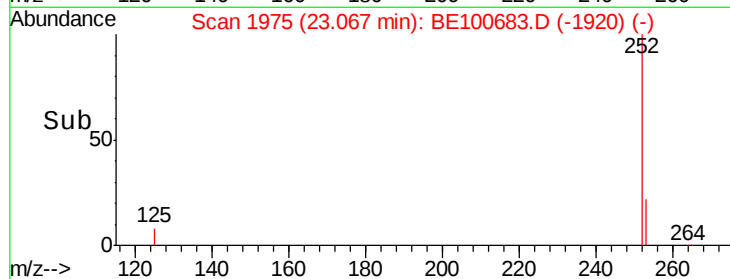
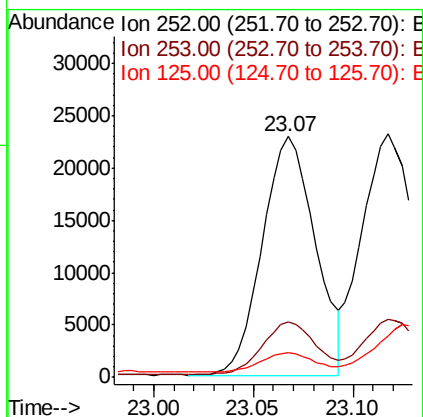
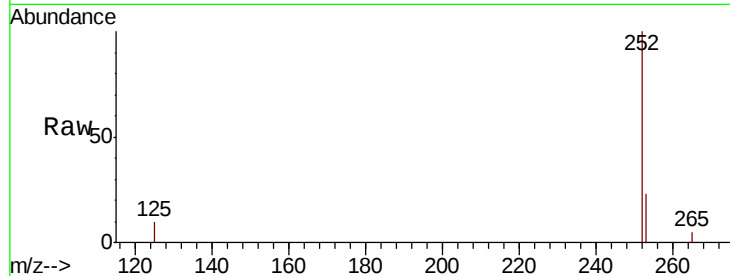




#35
Benzo(b)fluoranthene
Concen: 0.345 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BE100683.D
Acq: 28 Oct 2019 20:54

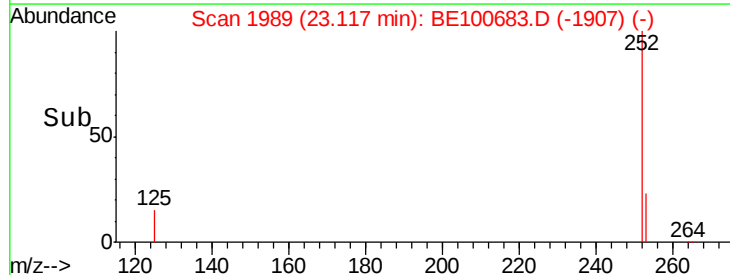
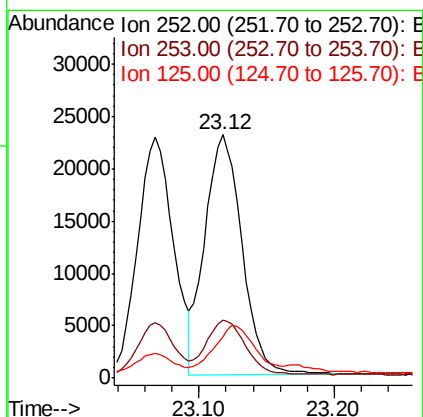
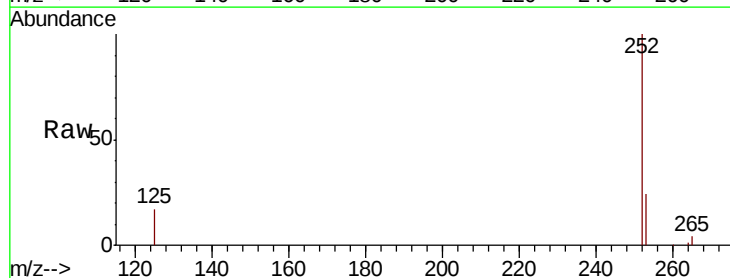
Instrument :
BNA_E
ClientSampleId :

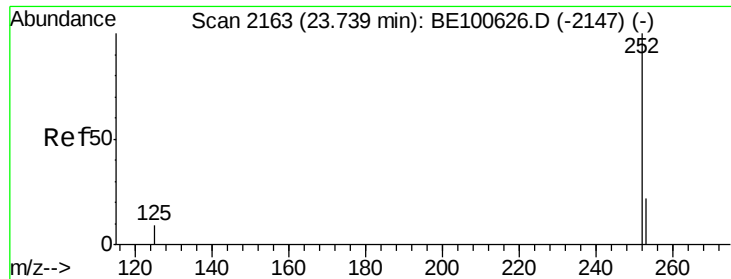
Tot Ion:252 Resp: 41985
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 10.3 7.6 11.4



#36
Benzo(k)fluoranthene
Concen: 0.350 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BE100683.D
Acq: 28 Oct 2019 20:54

Tgt Ion:252 Resp: 43884
Ion Ratio Lower Upper
252 100
253 23.9 18.4 27.6
125 17.3 11.6 17.4





#37

Benzo(a)pyrene

Concen: 0.363 ng

RT: 23.71 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BE100683.D

Acq: 28 Oct 2019 20:54

Instrument :

BNA_E

ClientSampleId :

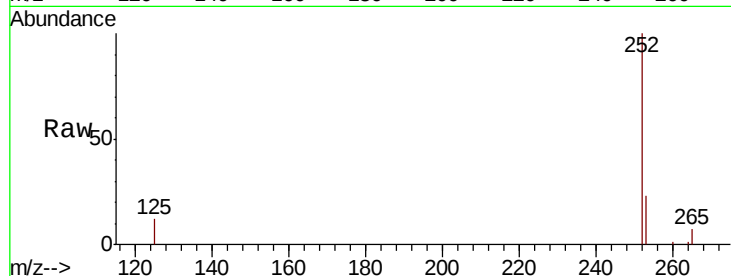
Tot Ion:252 Resp: 41121

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

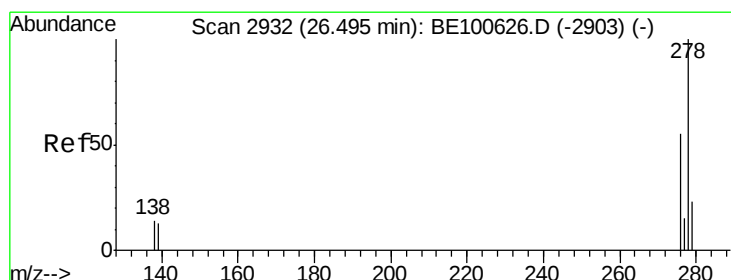
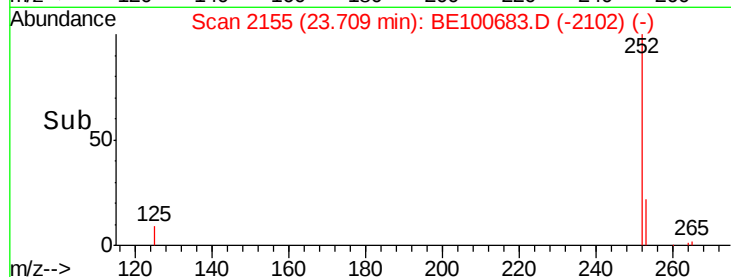
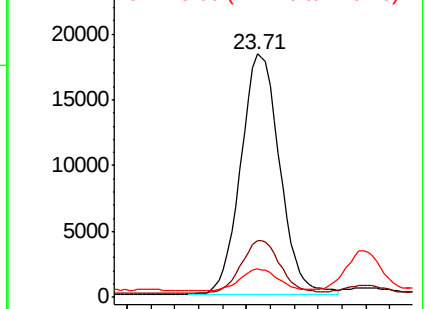
125 11.5 8.2 12.4



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: 0.346 ng

RT: 26.46 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BE100683.D

Acq: 28 Oct 2019 20:54

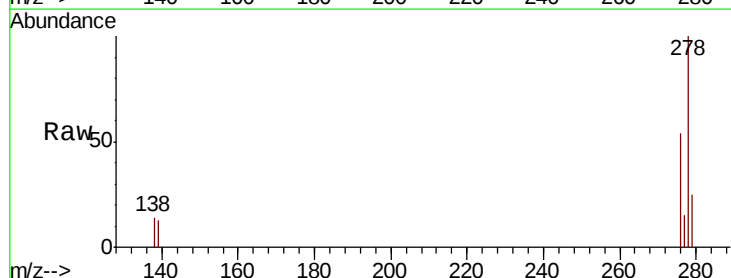
Tgt Ion:278 Resp: 40558

Ion Ratio Lower Upper

278 100

139 13.3 10.9 16.3

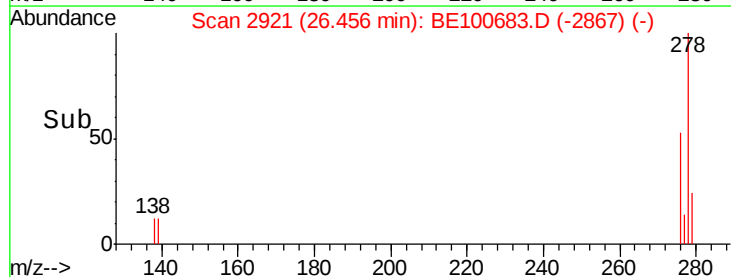
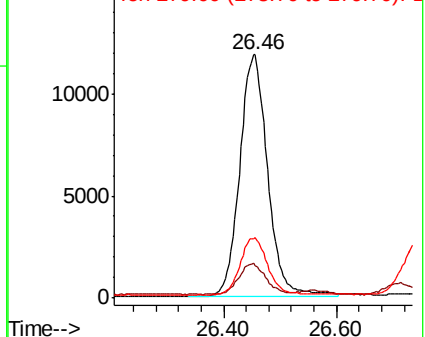
279 24.8 19.4 29.2

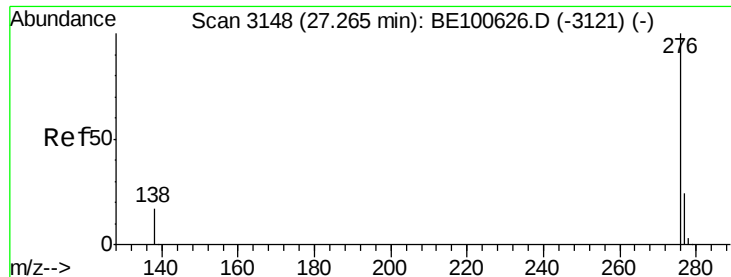


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.355 ng

RT: 27.23 min Scan# 3137

Delta R.T. -0.01 min

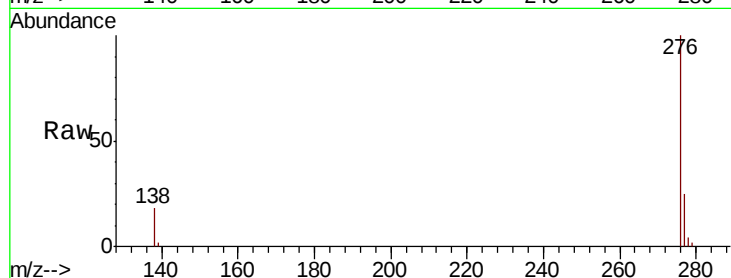
Lab File: BE100683.D

Acq: 28 Oct 2019 20:54

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 41791

Ion Ratio Lower Upper

276 100

277 24.5 19.4 29.0

138 18.1 13.6 20.4

Abundance Ion 276.00 (275.70 to 276.70): E
15000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

