

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
 Data File : BE100076.D
 Acq On : 19 Jun 2019 9:32
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jun 19 12:11:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 12:01:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	459	0.40	ng	0.01
7) Naphthalene-d8	10.56	136	1701	0.40	ng	0.03
13) Acenaphthene-d10	14.43	164	1358	0.40	ng	0.01
19) Phenanthrene-d10	17.17	188	4271	0.40	ng	0.01
27) Chrysene-d12	21.35	240	6262	0.40	ng	0.01
34) Perylene-d12	23.85	264	7291	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	28	0.02	ng	0.00
5) Phenol-d6	7.02	99	83	0.06	ng	0.09
8) Nitrobenzene-d5	8.96	82	98	0.06	ng	0.05
11) 2-Methylnaphthalene-d10	12.19	152	319	0.10	ng	0.04
14) 2,4,6-Tribromophenol	15.96	330	53	0.06	ng	0.04
15) 2-Fluorobiphenyl	13.07	172	508	0.10	ng	0.03
25) Fluoranthene-d10	19.21	212	6008	0.10	ng	0.01
29) Terphenyl-d14	19.82	244	1175	0.11	ng	0.02

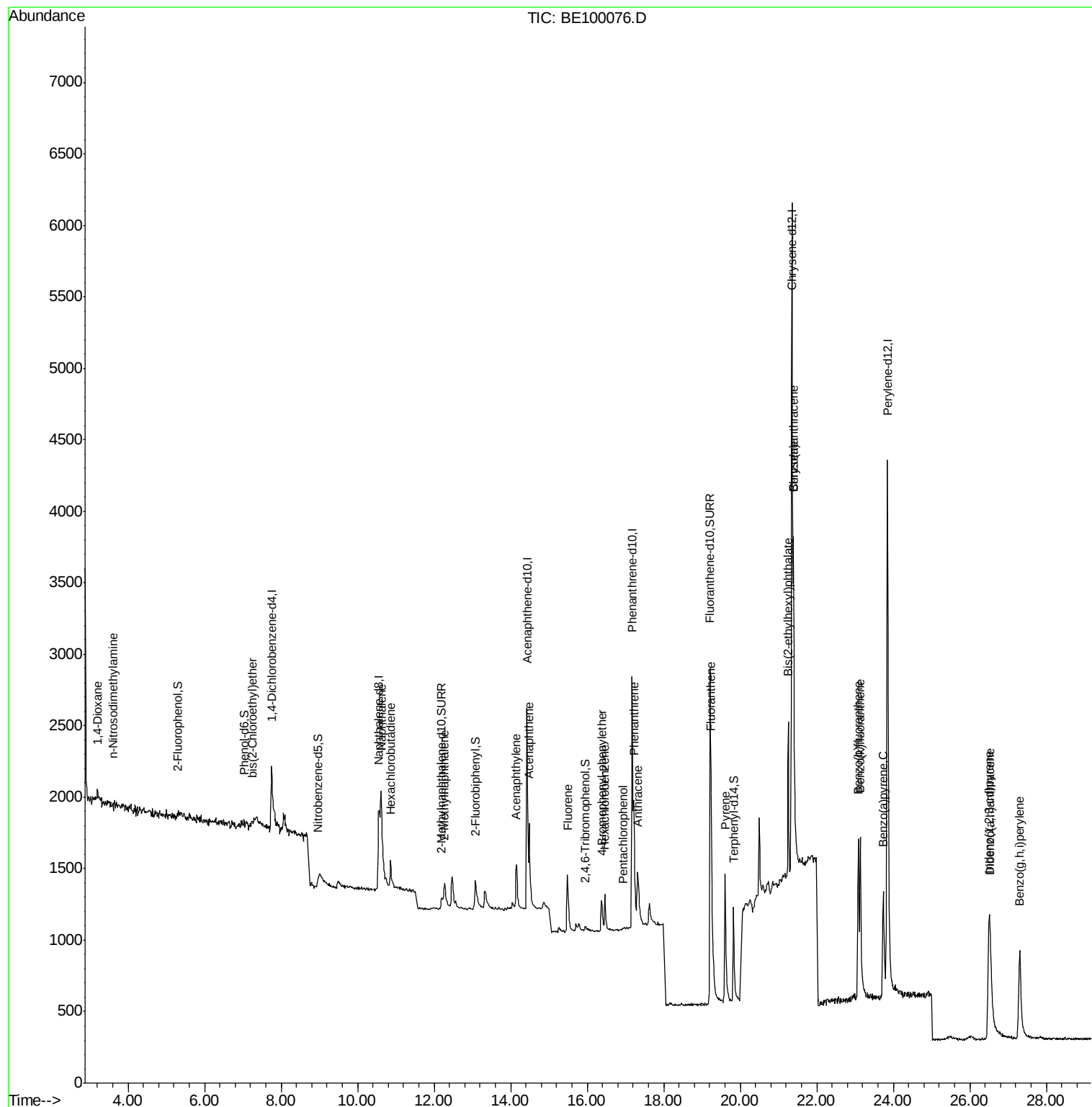
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	111	0.139	ng	# 79
3) n-Nitrosodimethylamine	3.60	42	3	0.009	ng	# 85
6) bis(2-Chloroethyl)ether	7.24	93	76	0.054	ng	# 65
9) Naphthalene	10.61	128	1869	0.099	ng	# 84
10) Hexachlorobutadiene	10.86	225	194	0.120	ng	91
12) 2-Methylnaphthalene	12.27	142	262	0.089	ng	# 90
16) Acenaphthylene	14.15	152	652	0.096	ng	98
17) Acenaphthene	14.48	154	341	0.093	ng	98
18) Fluorene	15.49	166	516	0.094	ng	97
20) 4-Bromophenyl-phenylether	16.37	248	247	0.096	ng	# 88
21) Hexachlorobenzene	16.46	284	286	0.109	ng	93
22) Pentachlorophenol	16.95	266	15	0.018	ng	93
23) Phenanthrene	17.21	178	968	0.093	ng	100
24) Anthracene	17.32	178	644	0.070	ng	96
26) Fluoranthene	19.24	202	1546	0.090	ng	99
28) Pyrene	19.60	202	1577	0.101	ng	99
30) Benzo(a)anthracene	21.39	228	2328	0.129	ng	96
31) Chrysene	21.39	228	2241	0.110	ng	97
32) Bis(2-ethylhexyl)phthalate	21.26	149	1740	0.069	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.50	276	2245	0.093	ng	99
35) Benzo(b)fluoranthene	23.08	252	1817	0.086	ng	# 85
36) Benzo(k)fluoranthene	23.13	252	2242	0.098	ng	# 86
37) Benzo(a)pyrene	23.73	252	1926	0.092	ng	# 78
38) Dibenzo(a,h)anthracene	26.52	278	1742	0.086	ng	# 78
39) Benzo(g,h,i)perylene	27.30	276	2011	0.093	ng	# 91

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.75 min Scan# 424

Delta R.T. 0.01 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

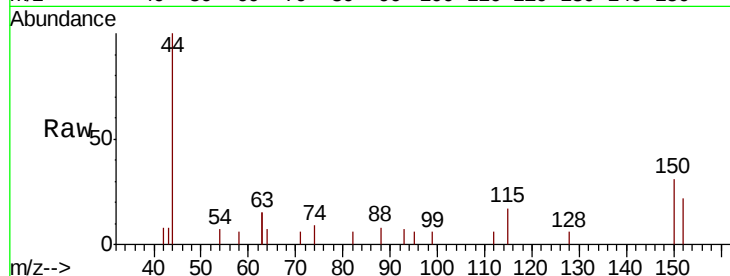
Tot Ion:152 Resp: 459

Ion Ratio Lower Upper

152 100

150 141.5 99.8 149.8

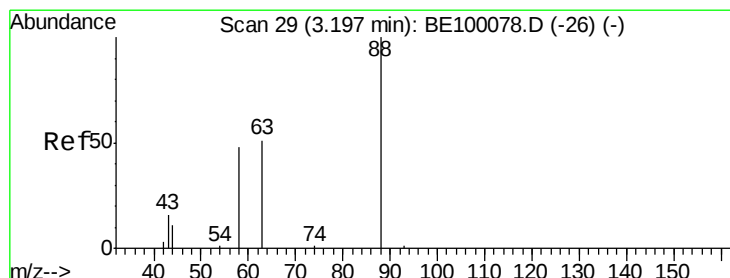
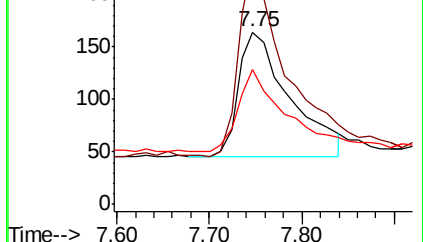
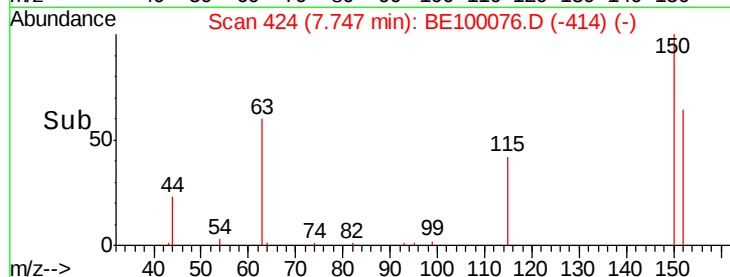
115 78.7 51.3 76.9#



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: 0.139 ng

RT: 3.20 min Scan# 29

Delta R.T. 0.00 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

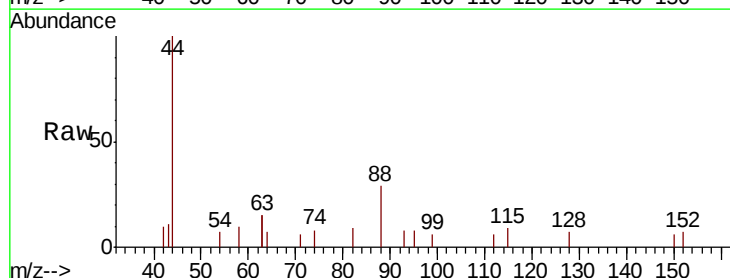
Tgt Ion: 88 Resp: 111

Ion Ratio Lower Upper

88 100

58 41.4 42.6 63.8#

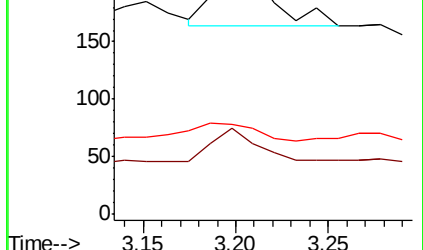
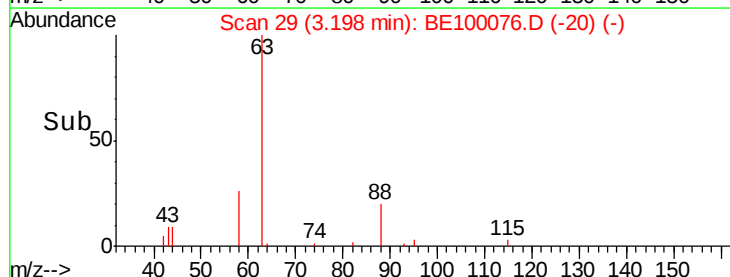
43 37.8 17.5 26.3#



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: 0.009 ng

RT: 3.60 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

Instrument :

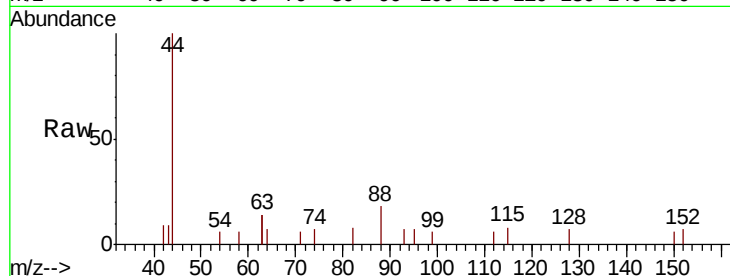
BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion: 42 Resp: 3

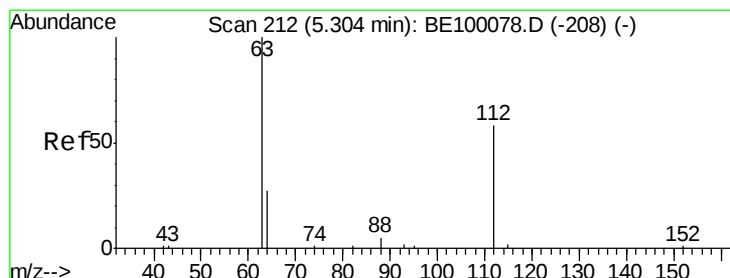
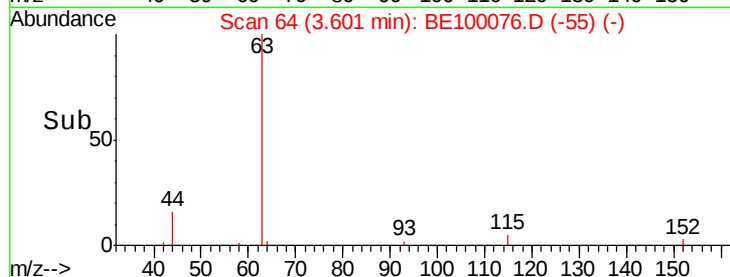
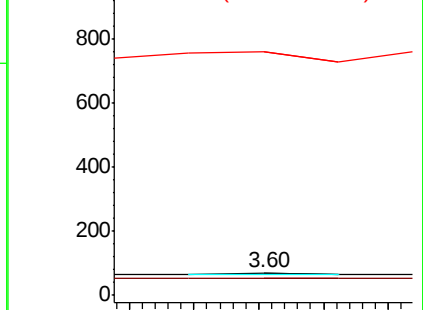
Ion	Ratio	Lower	Upper
42	100		
74	0.0	164.3	246.5#
44	1600.0	1280.0	1920.0



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: 0.023 ng

RT: 5.31 min Scan# 212

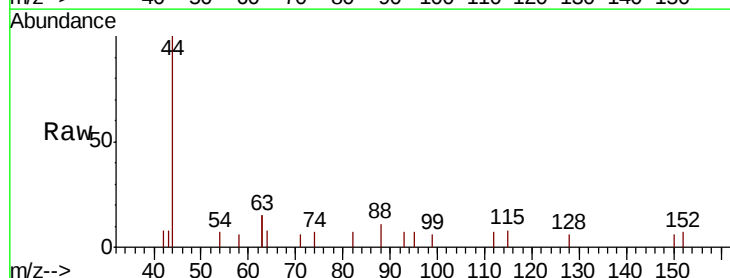
Delta R.T. 0.00 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

Tgt Ion: 112 Resp: 28

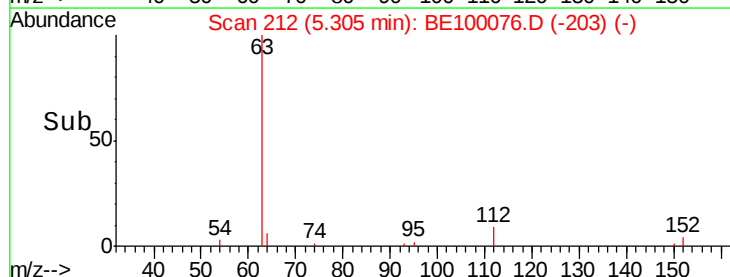
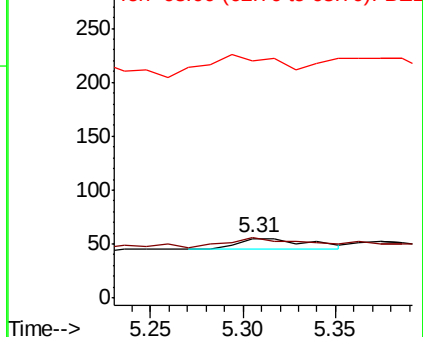
Ion	Ratio	Lower	Upper
112	100		
64	85.7	22.8	34.2#
63	210.7	102.8	154.2#

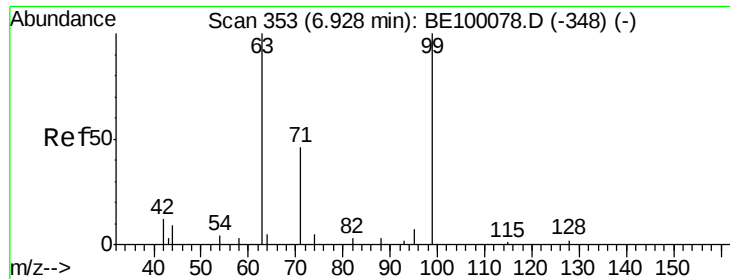


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.055 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.09 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

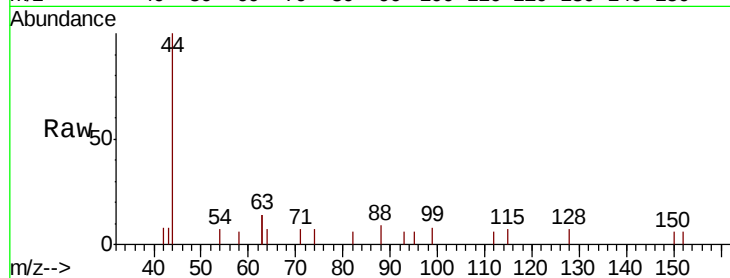
Tot Ion: 99 Resp: 83

Ion Ratio Lower Upper

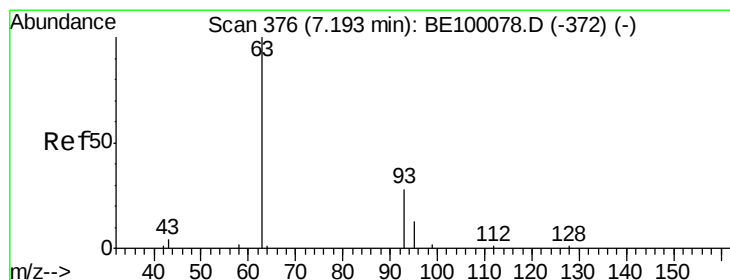
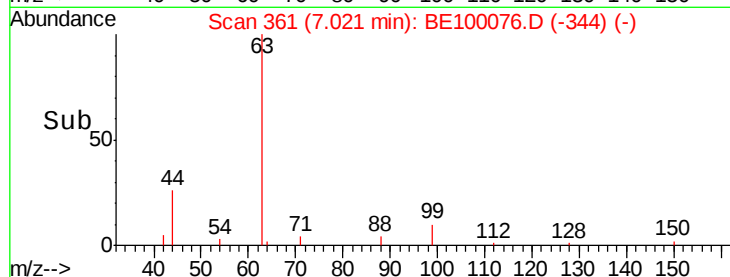
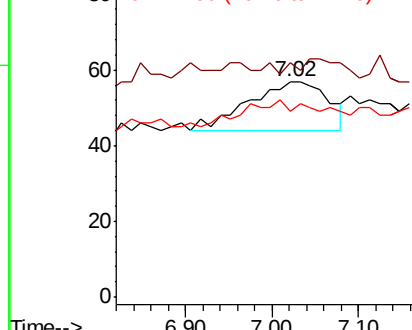
99 100

42 0.0 0.0 0.0

71 53.0 37.6 56.4



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: 0.054 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.05 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

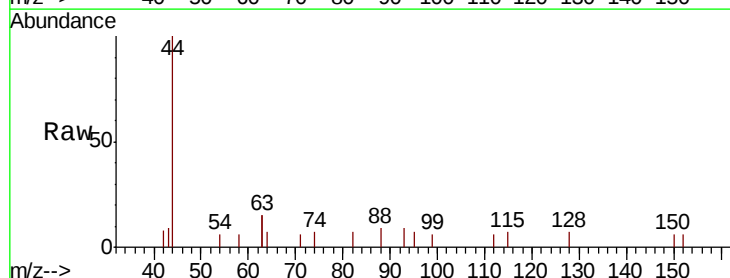
Tgt Ion: 93 Resp: 76

Ion Ratio Lower Upper

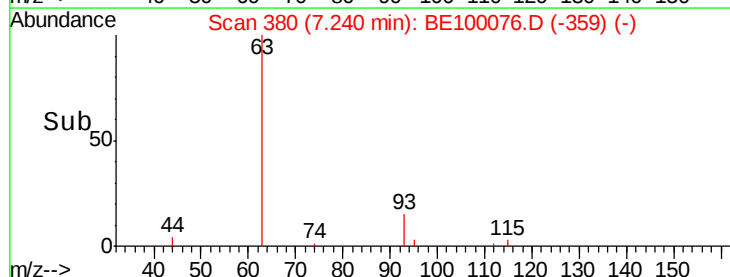
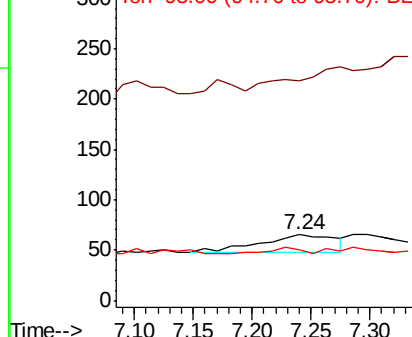
93 100

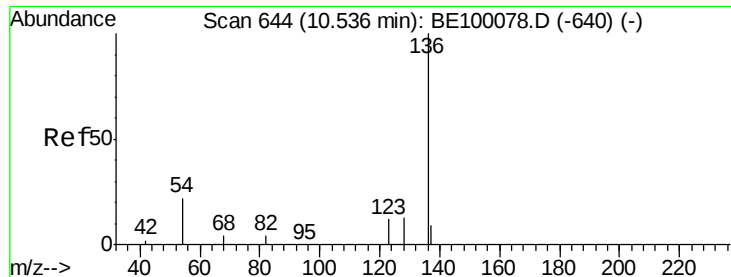
63 0.0 0.0 0.0

95 11.8 24.8 37.2#



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: 10.56 min Scan# 646

Delta R.T. 0.03 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 1701

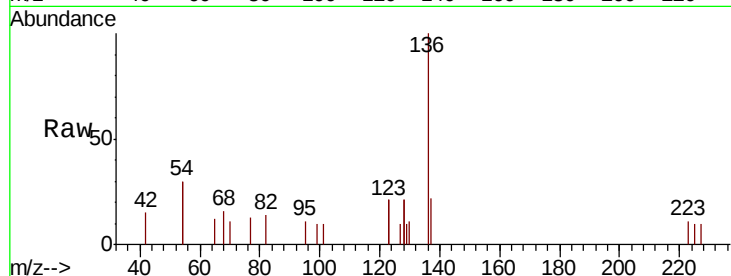
Ion Ratio Lower Upper

136 100

137 21.7 11.6 17.4#

54 59.4 33.9 50.9#

68 15.7 7.8 11.8#

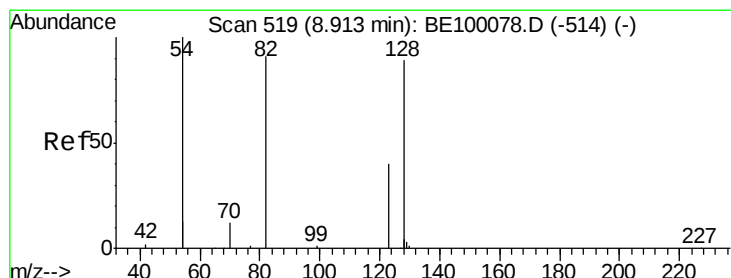
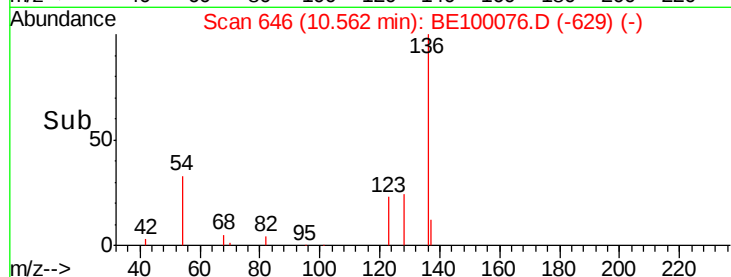
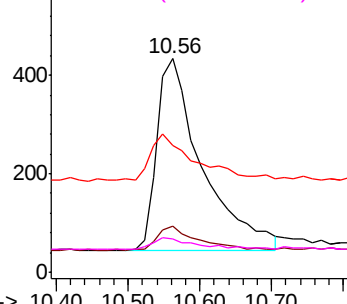


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.058 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.05 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

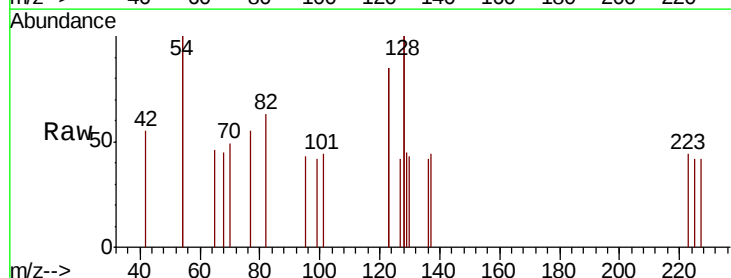
Tgt Ion: 82 Resp: 98

Ion Ratio Lower Upper

82 100

128 316.4 128.0 192.0#

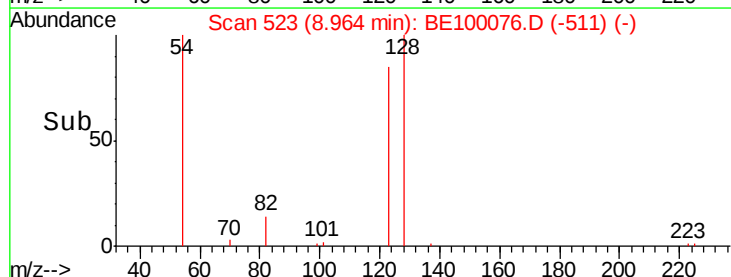
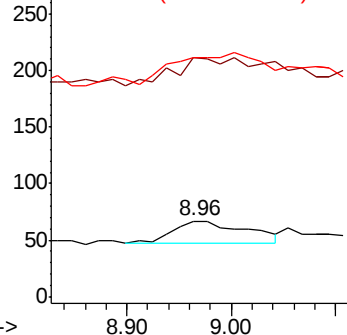
54 316.4 143.4 215.0#

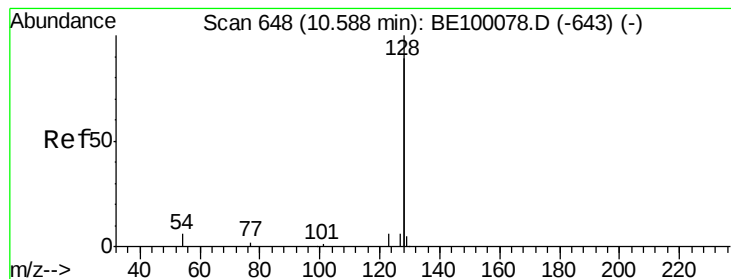


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.099 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.03 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

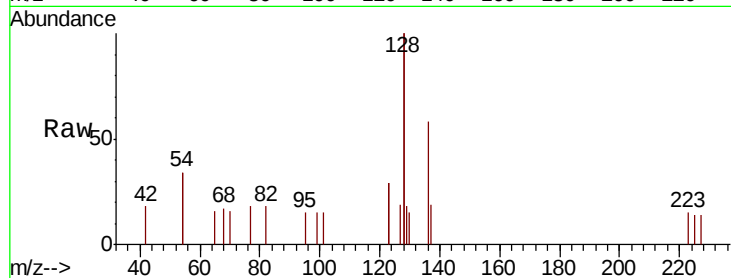
Tot Ion:128 Resp: 1869

Ion Ratio Lower Upper

128 100

129 9.2 3.1 4.7#

127 9.5 3.4 5.2#



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

10.61

600

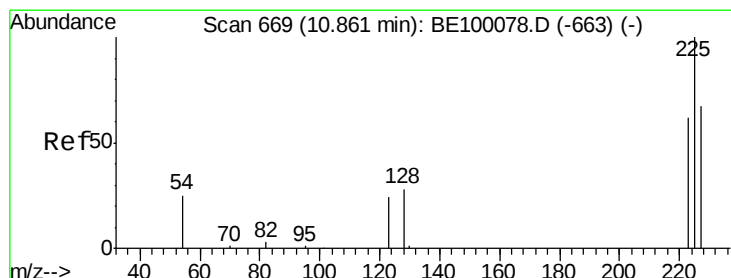
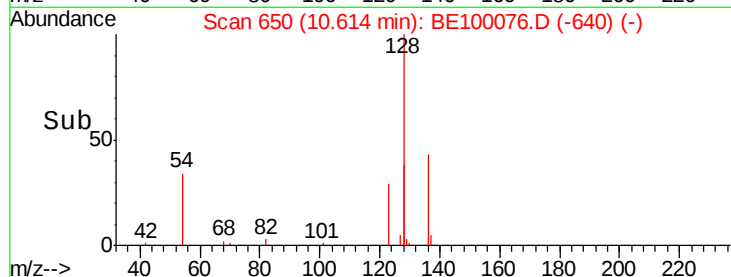
400

200

0

10.50 10.60 10.70 10.80

Time-->



#10

Hexachlorobutadiene

Concen: 0.120 ng

RT: 10.86 min Scan# 669

Delta R.T. -0.00 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

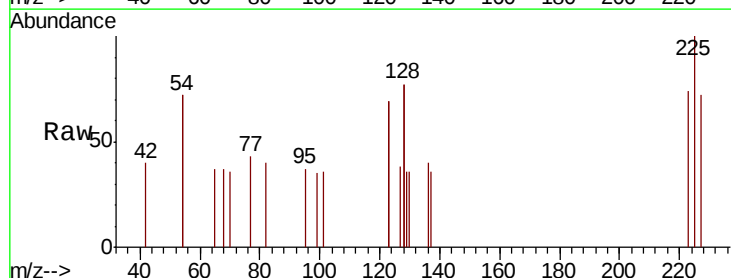
Tgt Ion:225 Resp: 194

Ion Ratio Lower Upper

225 100

223 56.7 52.1 78.1

227 60.8 53.0 79.4



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

10.86

150

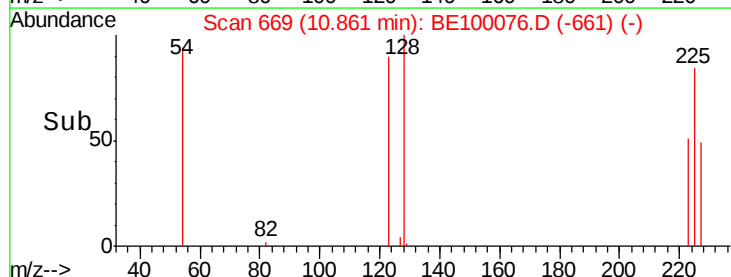
100

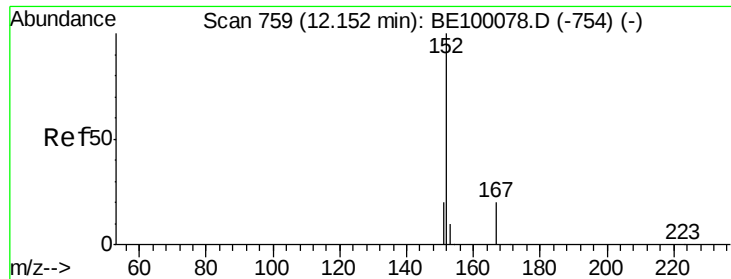
50

0

10.80 10.90

Time-->

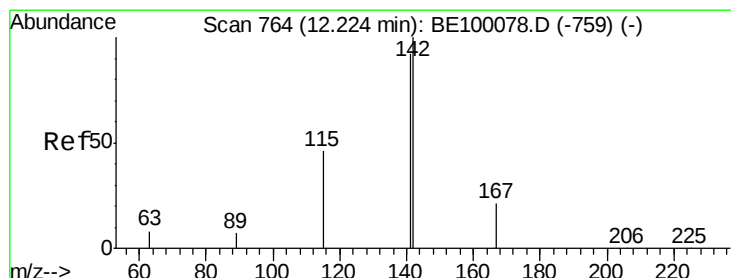
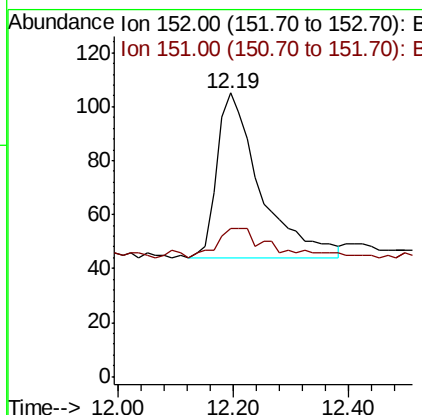
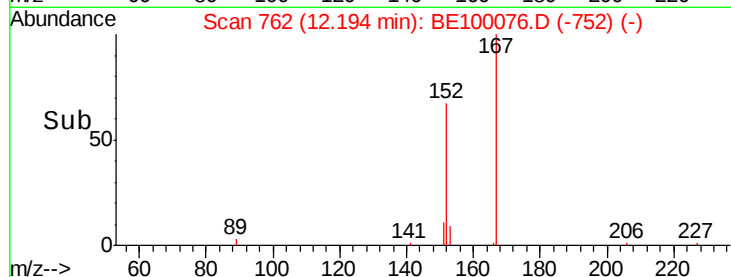
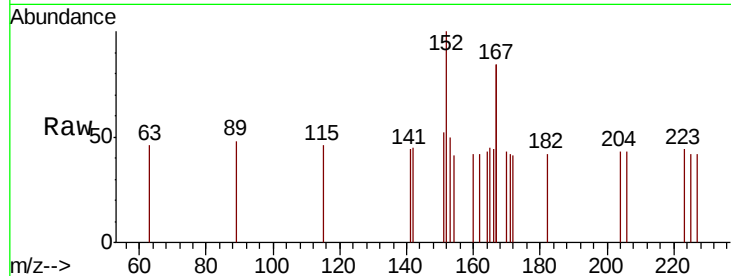




#11
 2-Methylnaphthalene-d10
 Concen: 0.104 ng
 RT: 12.19 min Scan# 762
 Delta R.T. 0.04 min
 Lab File: BE100076.D
 Acq: 19 Jun 2019 9:32

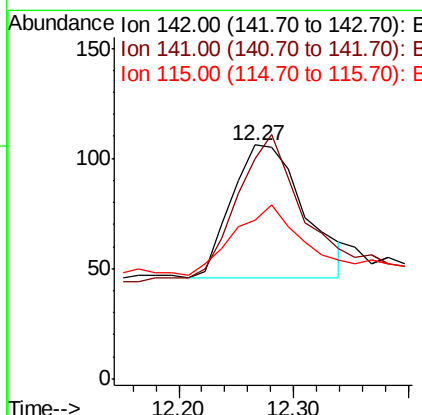
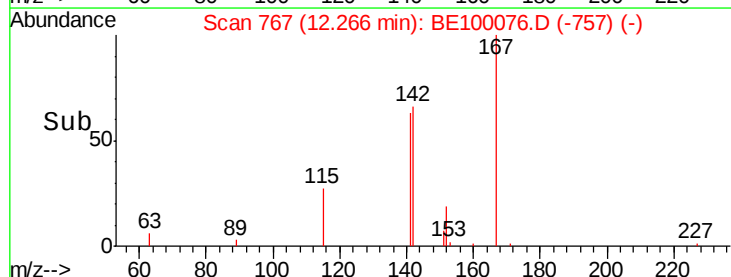
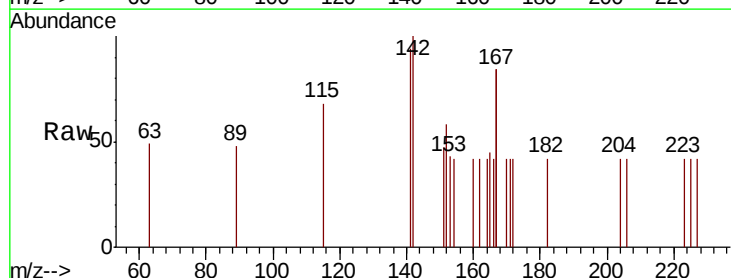
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

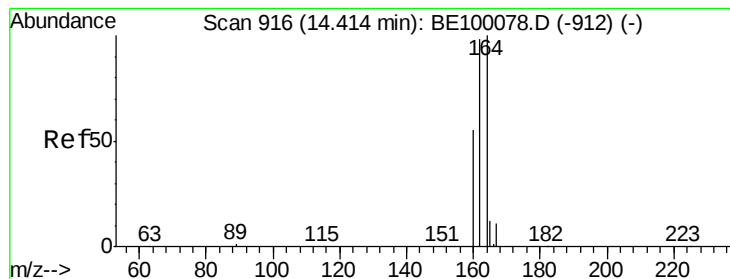
Tot Ion:152 Resp: 319
 Ion Ratio Lower Upper
 152 100
 151 22.9 16.3 24.5



#12
 2-Methylnaphthalene
 Concen: 0.089 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.04 min
 Lab File: BE100076.D
 Acq: 19 Jun 2019 9:32

Tgt Ion:142 Resp: 262
 Ion Ratio Lower Upper
 142 100
 141 94.3 74.1 111.1
 115 67.9 40.9 61.3#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.43 min Scan# 917

Delta R.T. 0.01 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

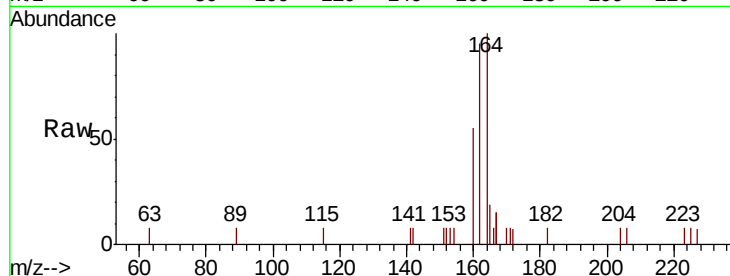
Tot Ion:164 Resp: 1358

Ion Ratio Lower Upper

164 100

162 95.1 78.2 117.2

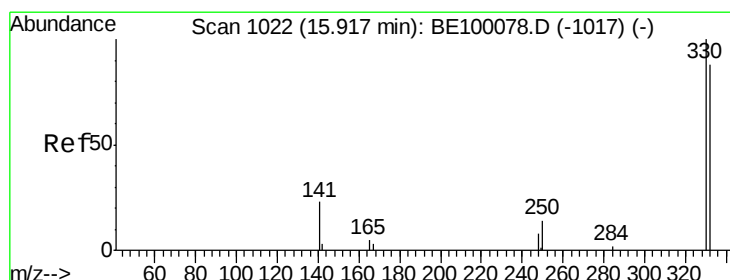
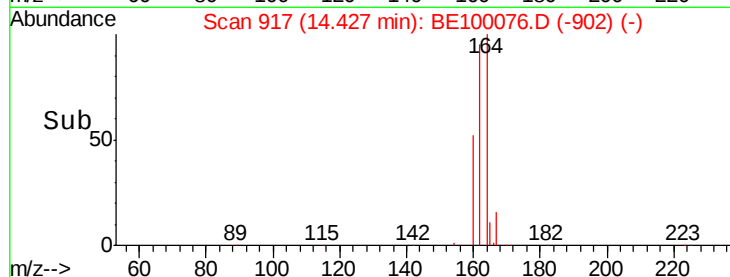
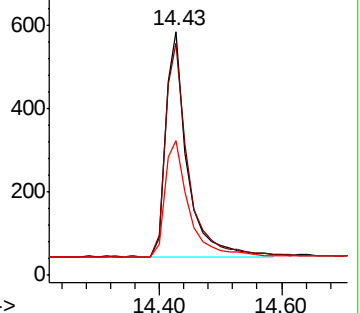
160 55.3 45.6 68.4



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: 0.064 ng

RT: 15.96 min Scan# 1025

Delta R.T. 0.04 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

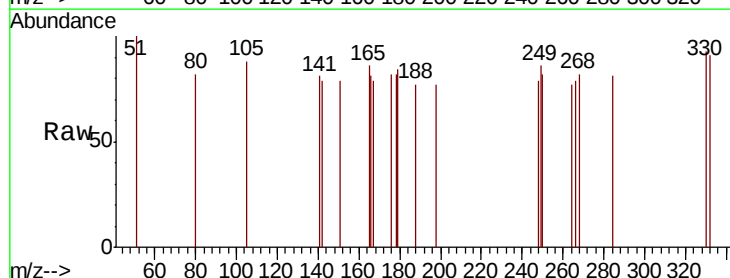
Tgt Ion:330 Resp: 53

Ion Ratio Lower Upper

330 100

332 79.2 73.3 109.9

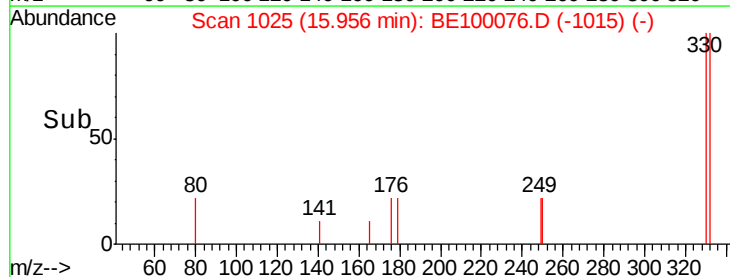
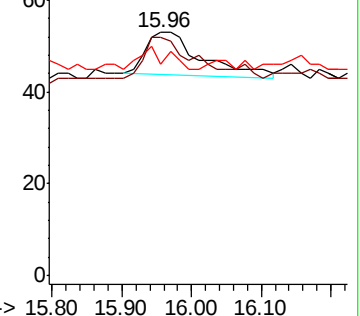
141 28.3 22.2 33.2

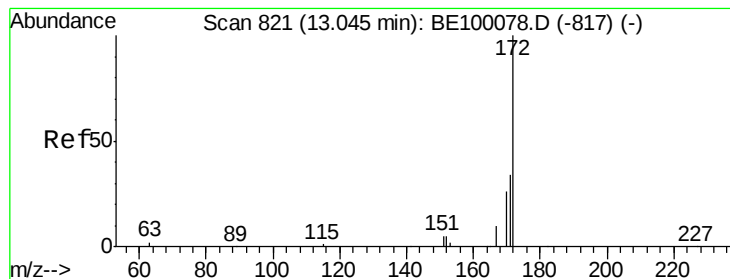


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.096 ng

RT: 13.07 min Scan# 823

Delta R.T. 0.03 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

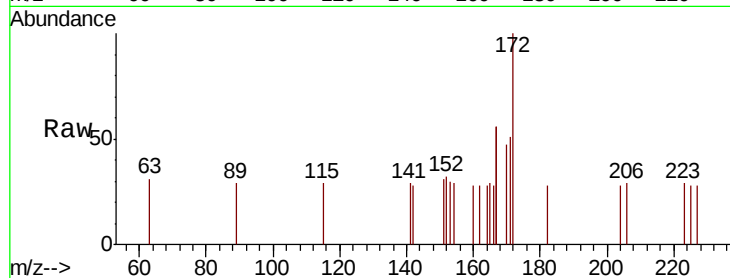
Tot Ion:172 Resp: 508

Ion Ratio Lower Upper

172 100

171 50.6 29.8 44.8#

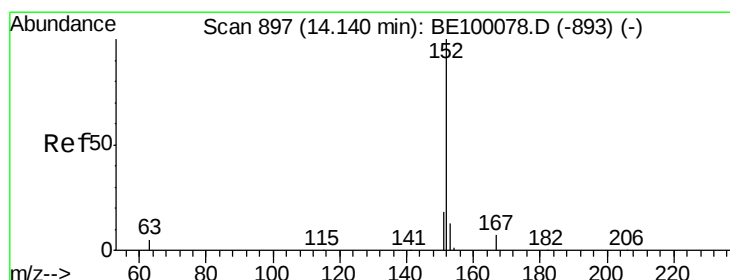
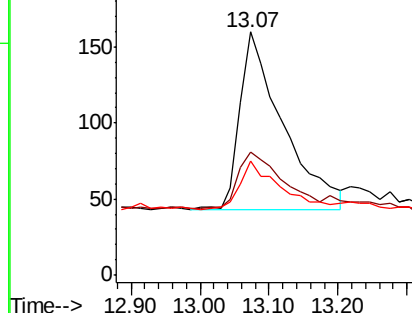
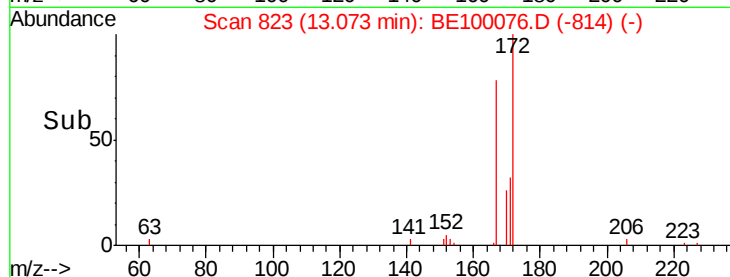
170 46.9 23.2 34.8#



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: 0.096 ng

RT: 14.15 min Scan# 898

Delta R.T. 0.01 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

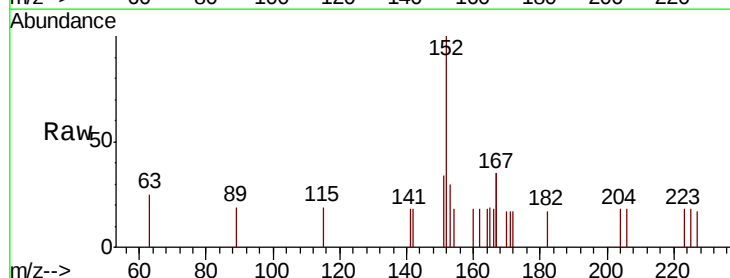
Tgt Ion:152 Resp: 652

Ion Ratio Lower Upper

152 100

151 19.0 15.9 23.9

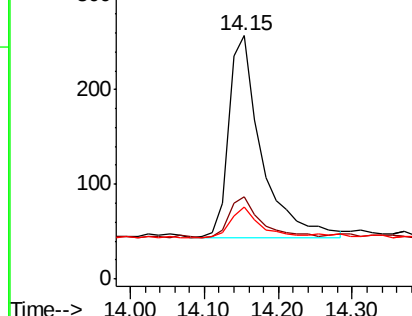
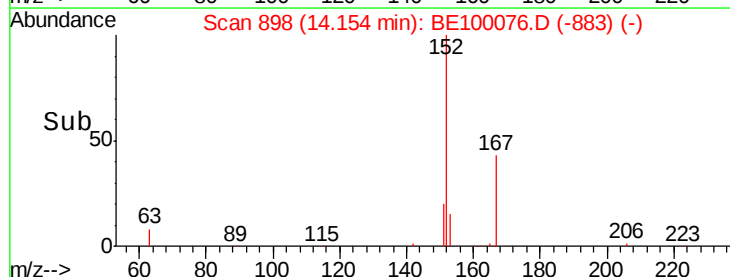
153 13.2 10.1 15.1

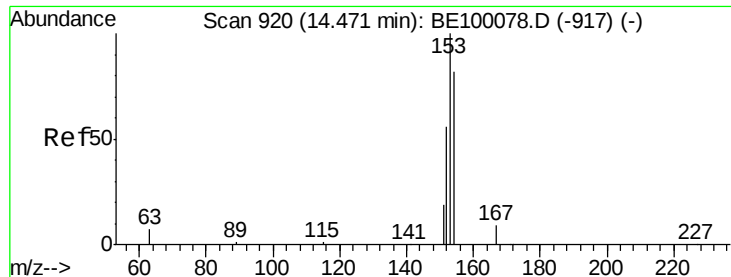


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

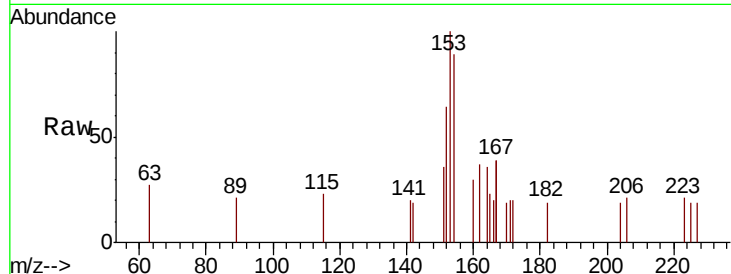




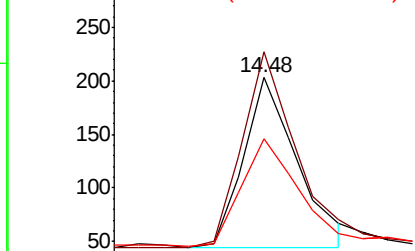
#17
Acenaphthene
Concen: 0.093 ng
RT: 14.48 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE100076.D
Acq: 19 Jun 2019 9:32

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

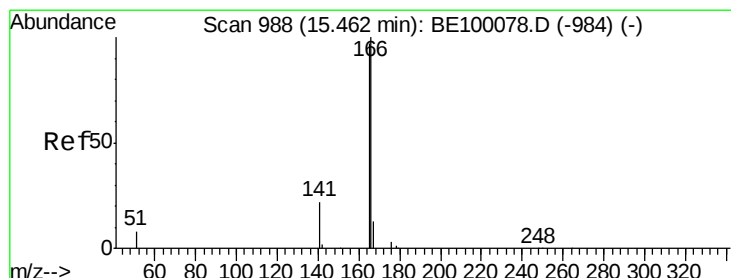
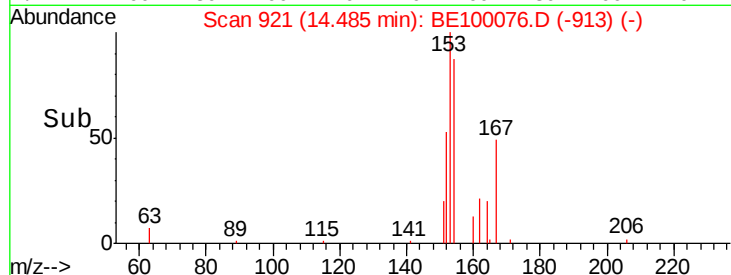
Tot Ion:154 Resp: 341
Ion Ratio Lower Upper
154 100
153 117.3 95.8 143.8
152 67.2 55.0 82.4



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

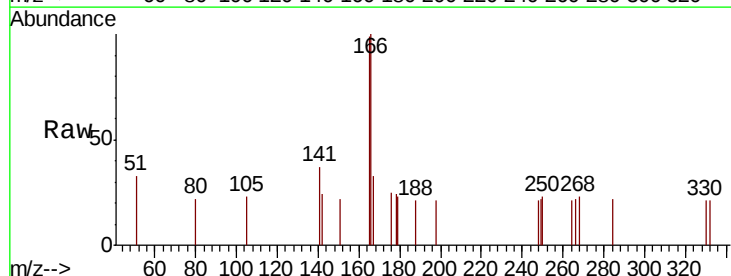


Time--> 14.40 14.45 14.50 14.55

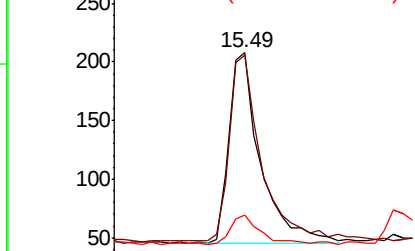


#18
Fluorene
Concen: 0.094 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.03 min
Lab File: BE100076.D
Acq: 19 Jun 2019 9:32

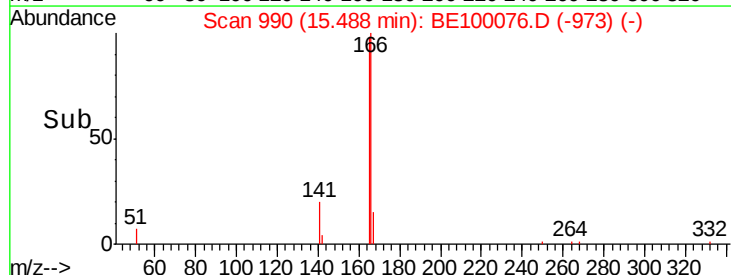
Tgt Ion:166 Resp: 516
Ion Ratio Lower Upper
166 100
165 97.7 80.3 120.5
167 14.5 10.3 15.5

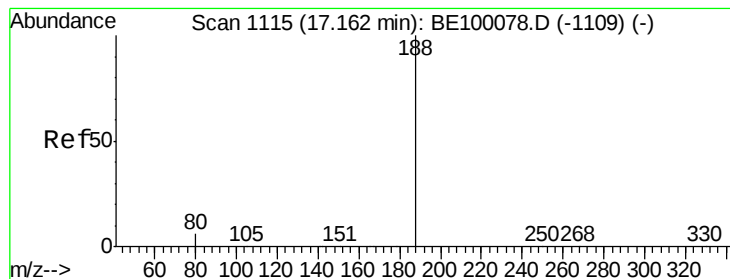


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time--> 15.40 15.50 15.60





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.17 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

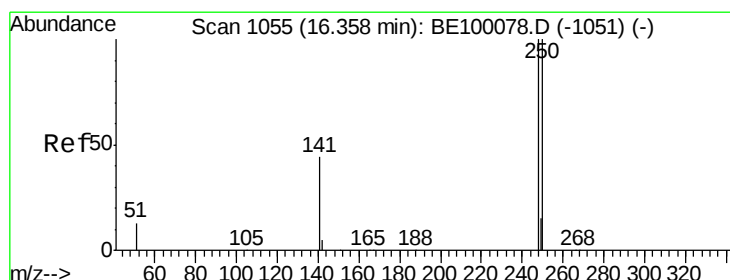
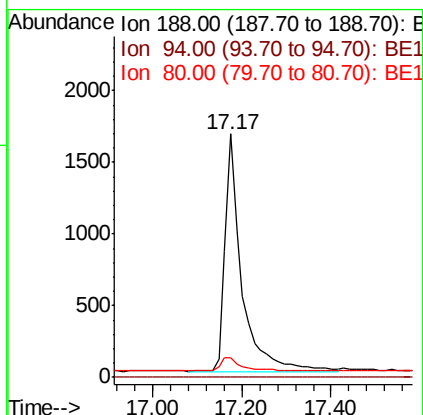
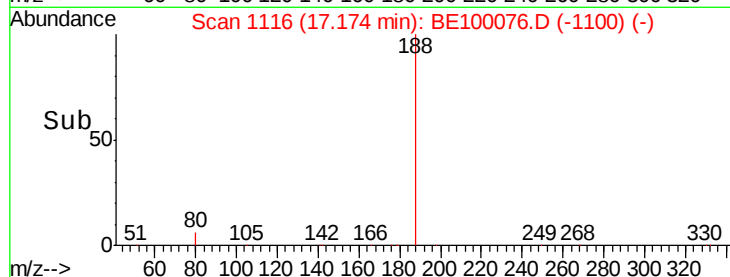
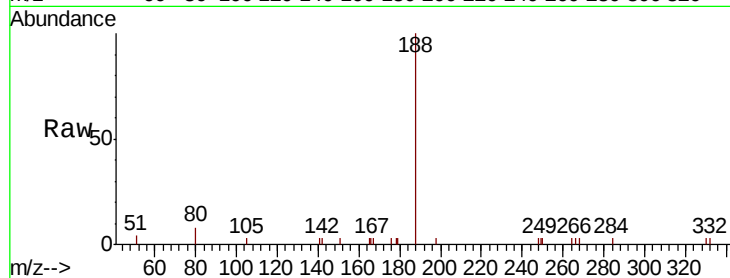
Tot Ion:188 Resp: 4271

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.1 6.3 9.5



#20

4-Bromophenyl-phenylether

Concen: 0.096 ng

RT: 16.37 min Scan# 1056

Delta R.T. 0.01 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

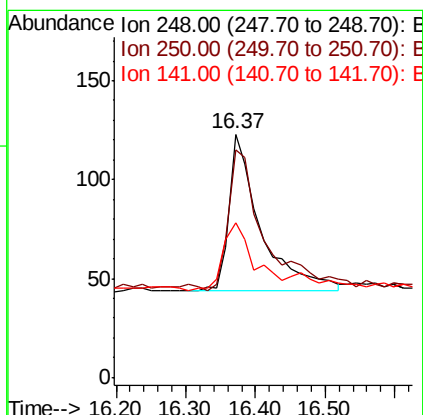
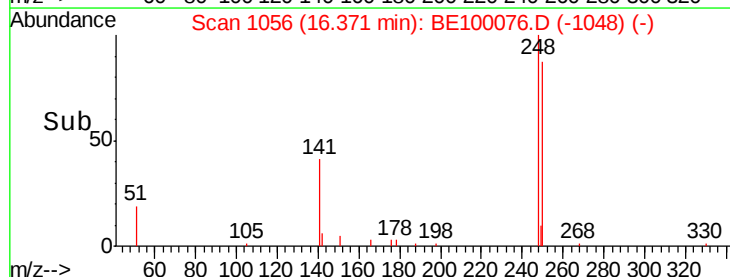
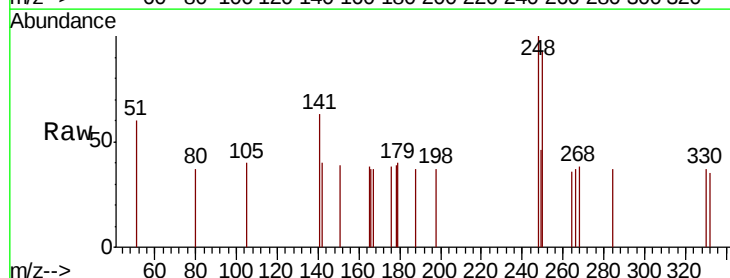
Tgt Ion:248 Resp: 247

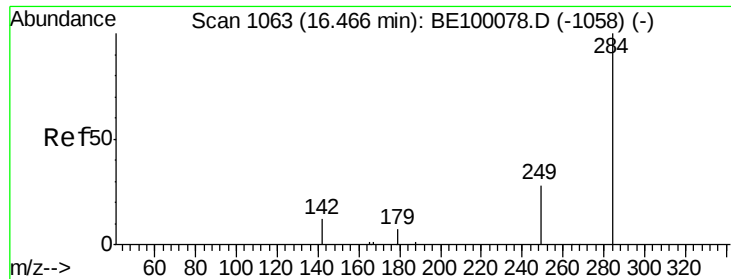
Ion Ratio Lower Upper

248 100

250 93.5 80.6 120.8

141 63.4 38.8 58.2#





#21

Hexachlorobenzene

Concen: 0.109 ng

RT: 16.46 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

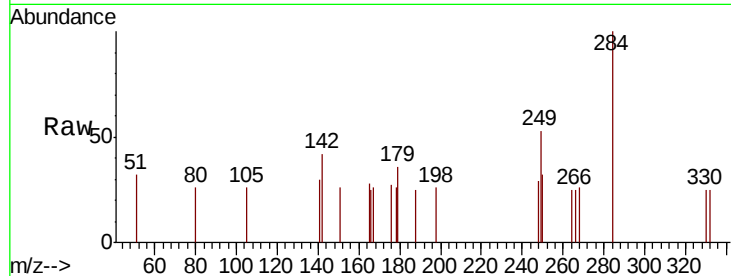
Tot Ion:284 Resp: 286

Ion Ratio Lower Upper

284 100

142 22.0 20.9 31.3

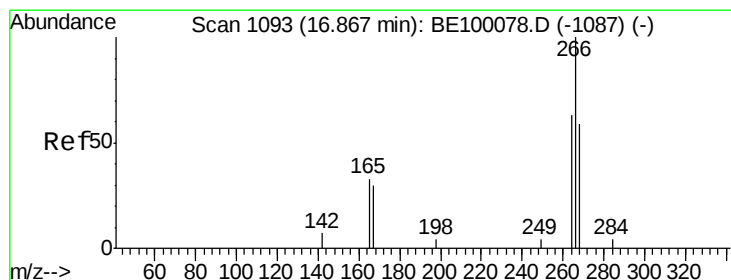
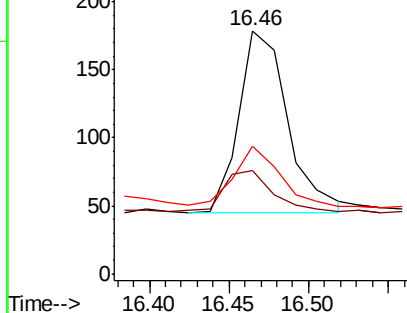
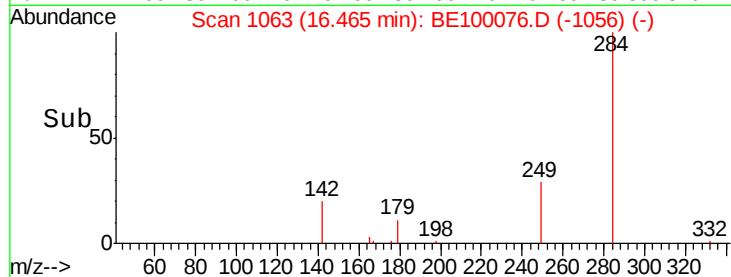
249 29.7 26.4 39.6



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: 0.018 ng

RT: 16.95 min Scan# 1099

Delta R.T. 0.08 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

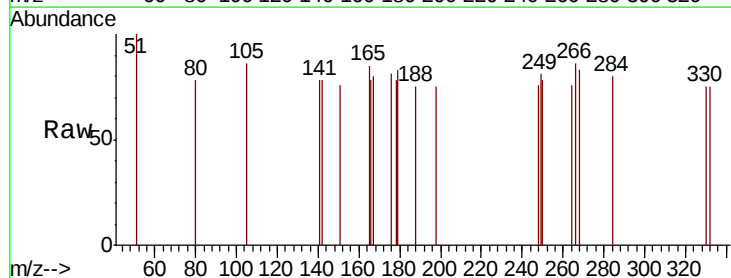
Tgt Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

264 88.2 67.8 101.6

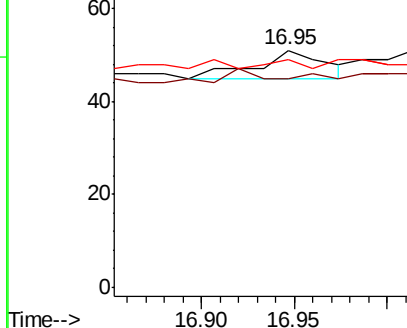
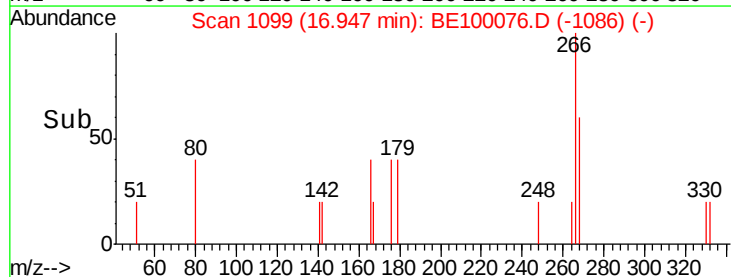
268 96.1 70.0 105.0

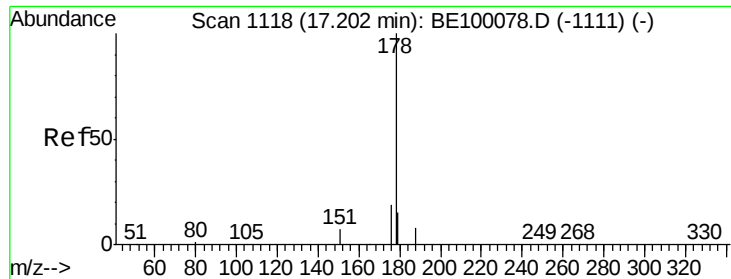


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.093 ng

RT: 17.21 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

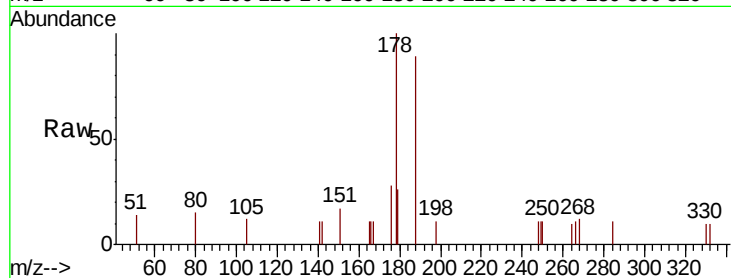
Tot Ion:178 Resp: 968

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

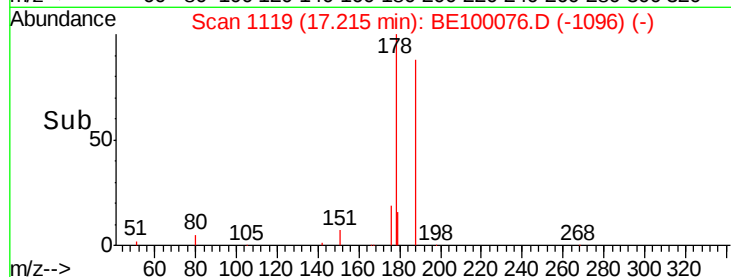
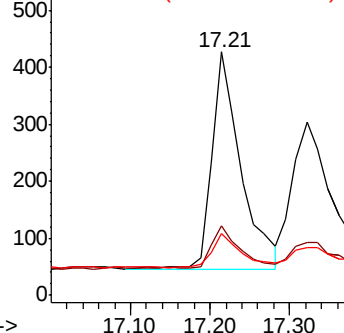
179 16.5 13.1 19.7



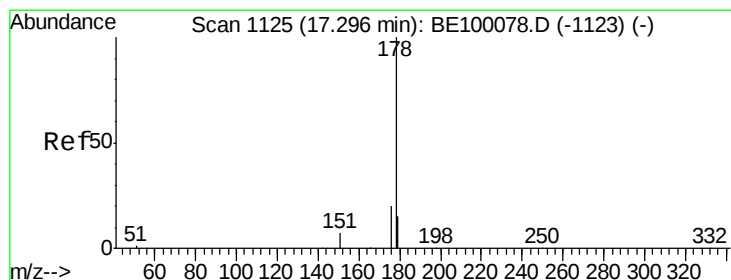
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.070 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.03 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

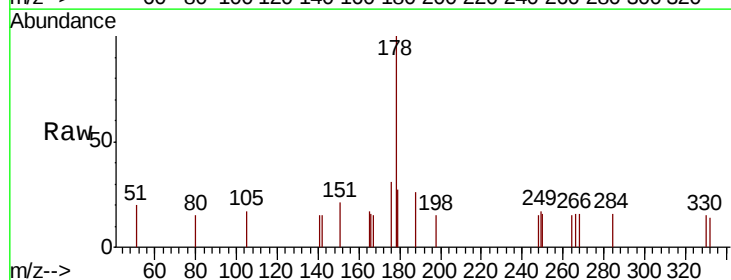
Tgt Ion:178 Resp: 644

Ion Ratio Lower Upper

178 100

176 20.2 15.2 22.8

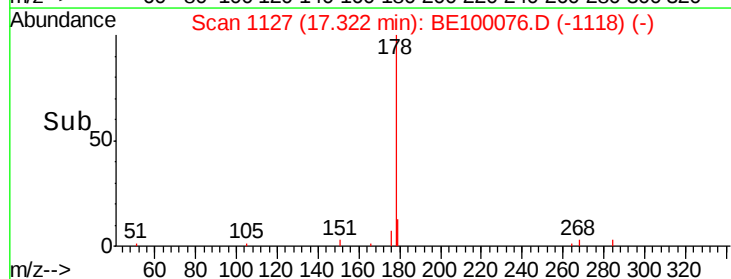
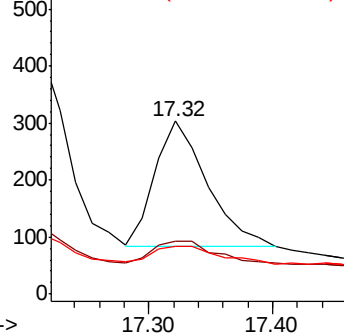
179 17.4 11.9 17.9



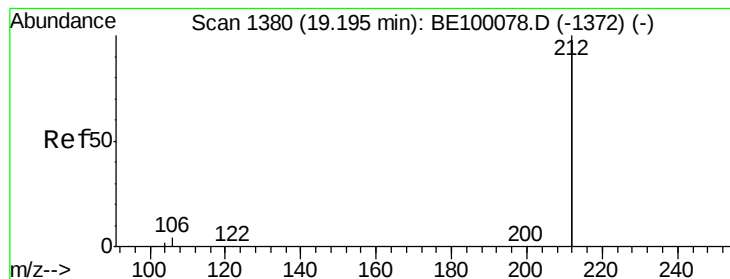
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.100 ng

RT: 19.21 min Scan# 1382

Delta R.T. 0.01 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

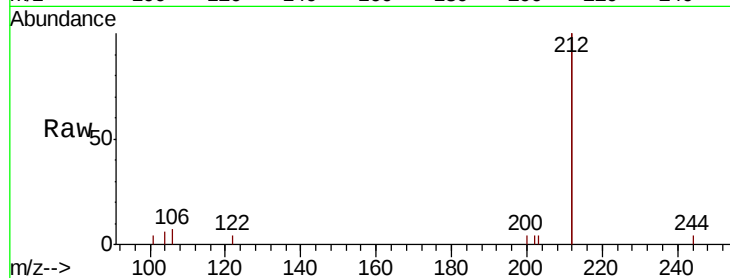
Tot Ion:212 Resp: 6008

Ion Ratio Lower Upper

212 100

106 1.6 1.4 2.0

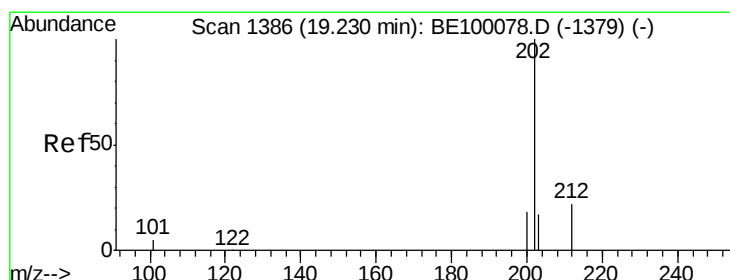
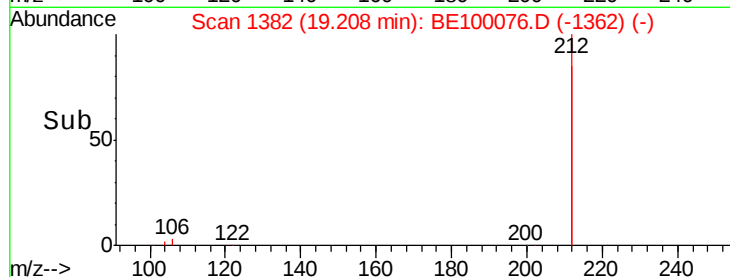
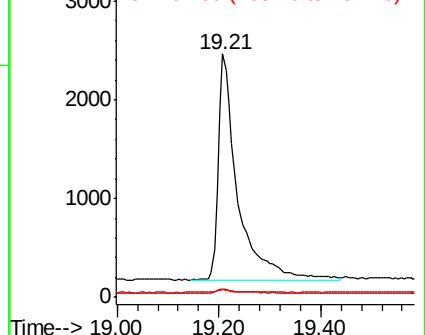
104 1.0 0.8 1.2



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: 0.090 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.01 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

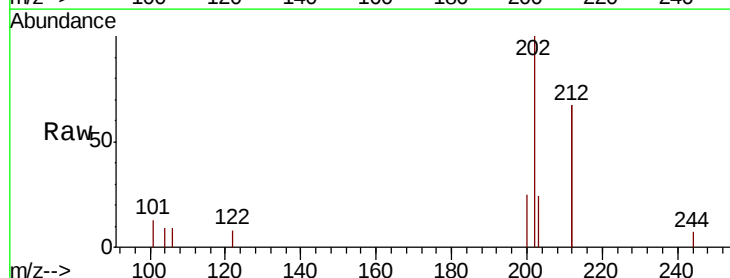
Tgt Ion:202 Resp: 1546

Ion Ratio Lower Upper

202 100

101 6.0 5.0 7.4

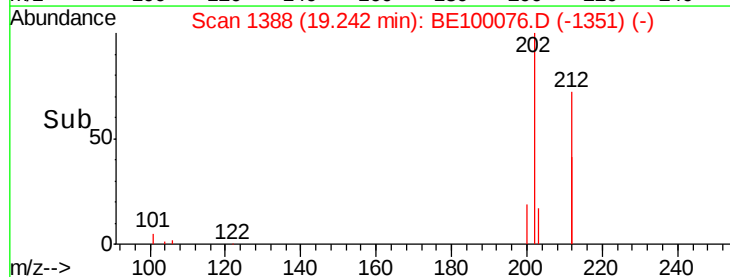
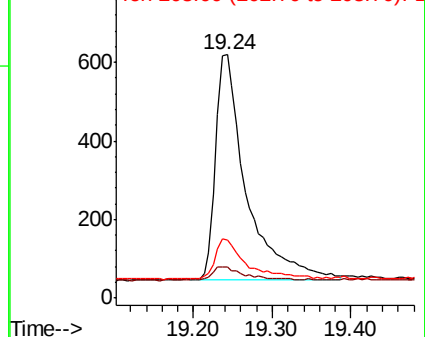
203 17.7 13.7 20.5

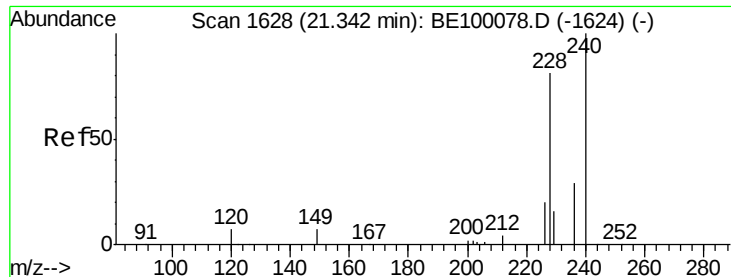


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

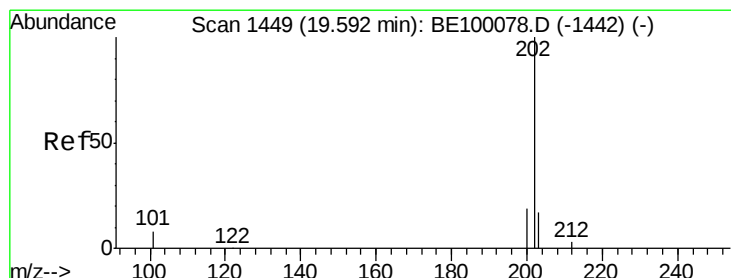
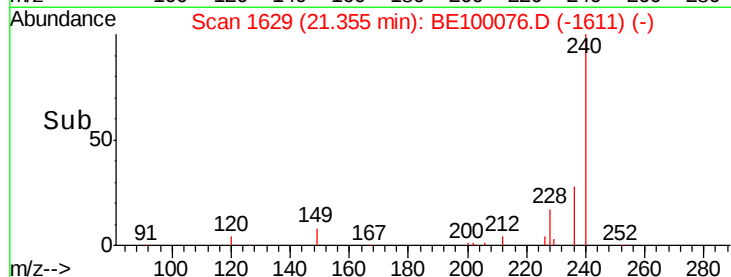
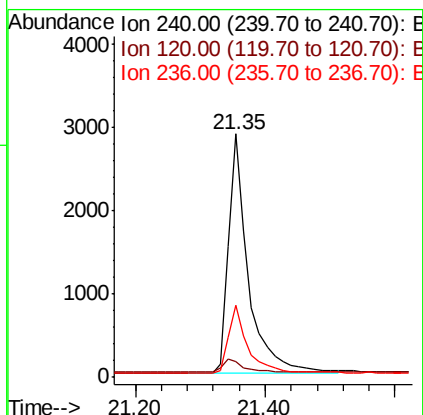
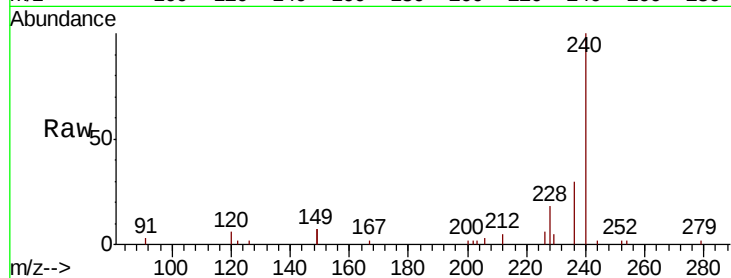




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.35 min Scan# 1629
 Delta R.T. 0.01 min
 Lab File: BE100076.D
 Acq: 19 Jun 2019 9:32

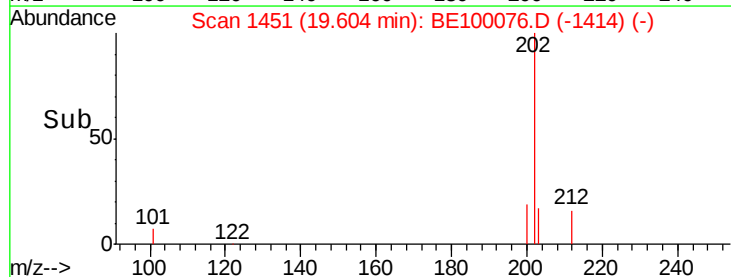
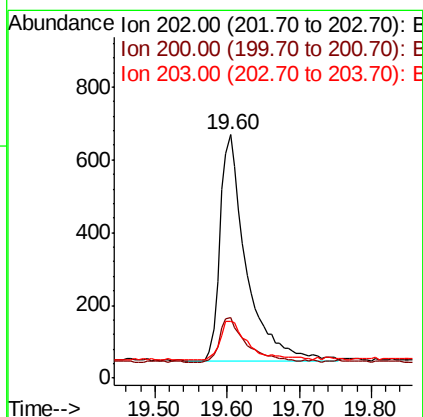
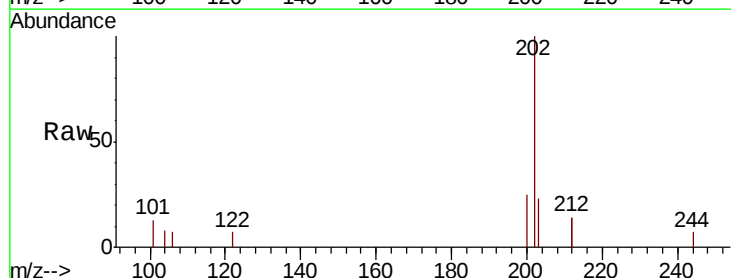
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

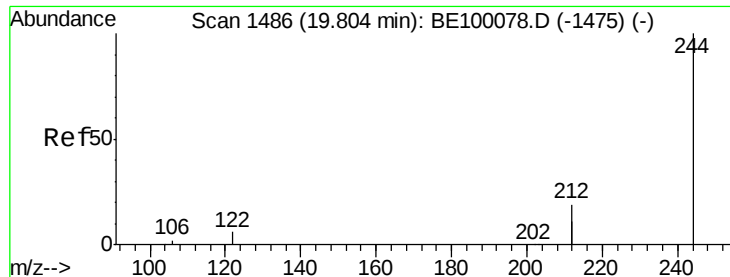
Tot Ion:240 Resp: 6262
 Ion Ratio Lower Upper
 240 100
 120 6.3 6.6 10.0#
 236 29.6 23.8 35.6



#28
 Pyrene
 Concen: 0.101 ng
 RT: 19.60 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BE100076.D
 Acq: 19 Jun 2019 9:32

Tgt Ion:202 Resp: 1577
 Ion Ratio Lower Upper
 202 100
 200 19.6 15.6 23.4
 203 18.5 13.9 20.9





#29

Terphenyl-d14

Concen: 0.111 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.02 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

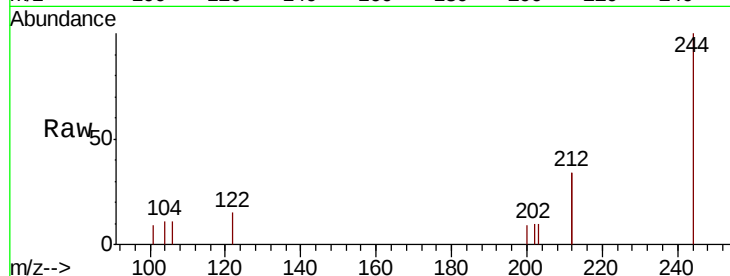
Tot Ion:244 Resp: 1175

Ion Ratio Lower Upper

244 100

212 67.6 29.8 44.8#

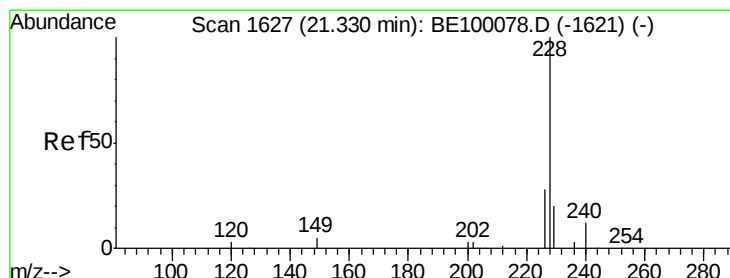
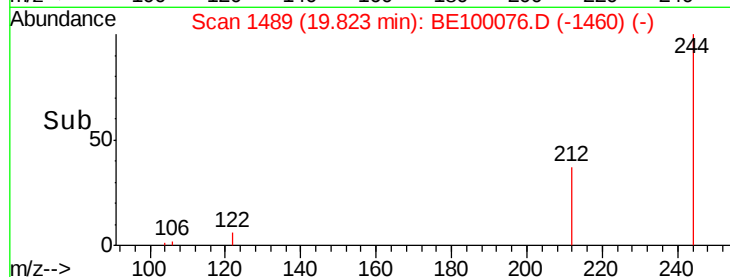
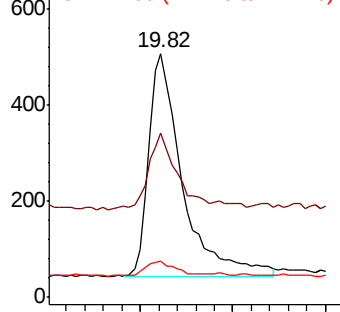
122 14.8 6.1 9.1#



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: 0.129 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.06 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

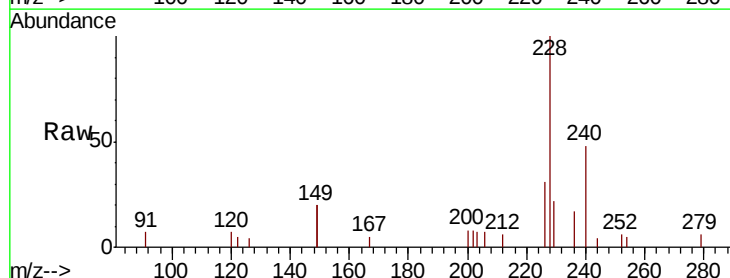
Tgt Ion:228 Resp: 2328

Ion Ratio Lower Upper

228 100

226 31.3 23.0 34.4

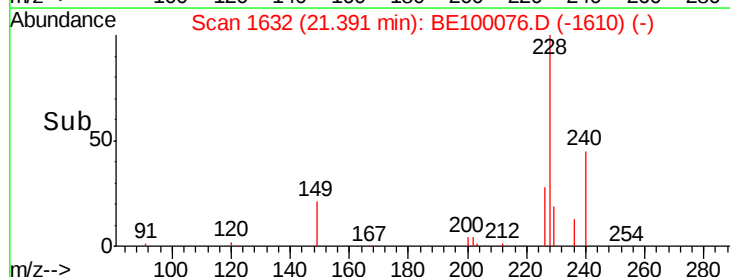
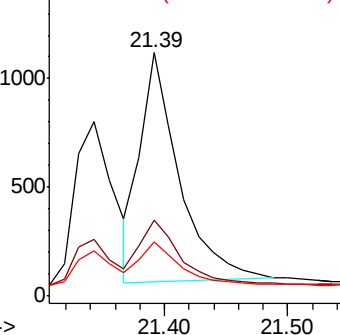
229 22.0 16.4 24.6

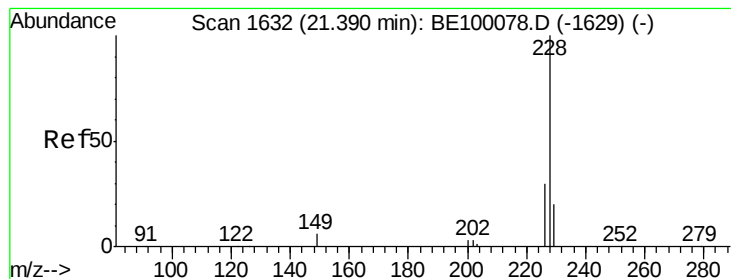


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

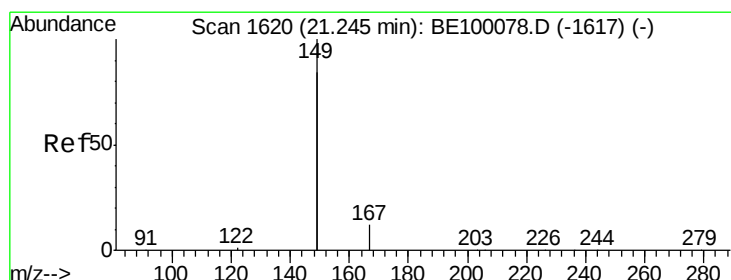
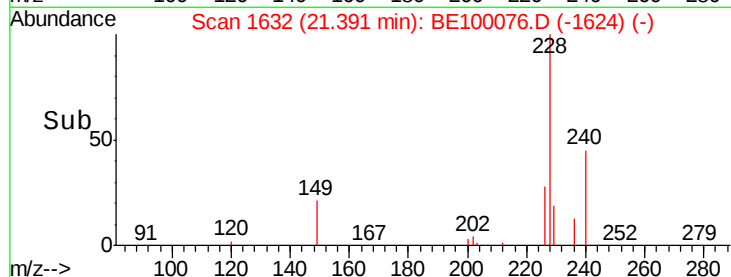
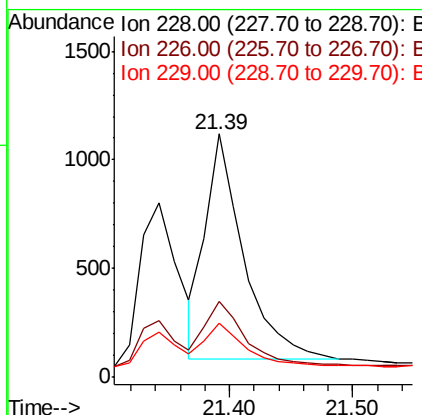
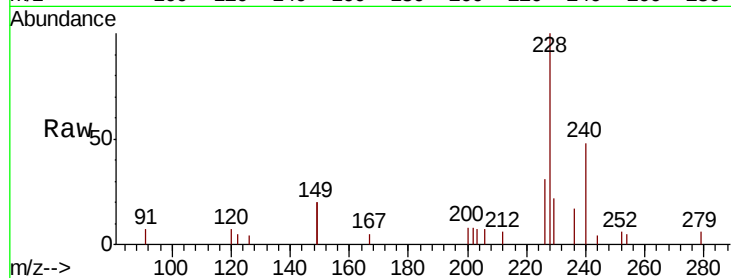




#31
Chrysene
Concen: 0.110 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE100076.D
Acq: 19 Jun 2019 9:32

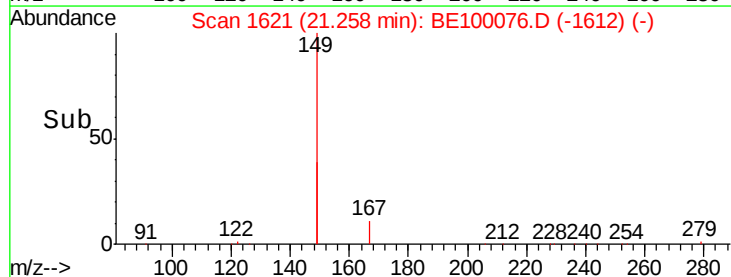
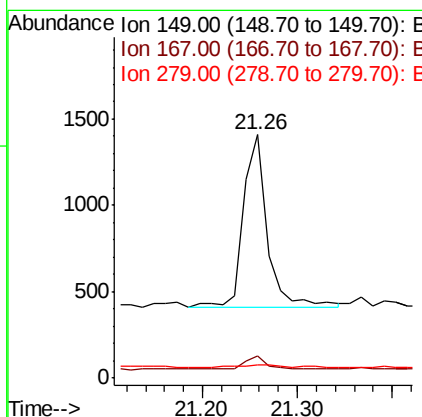
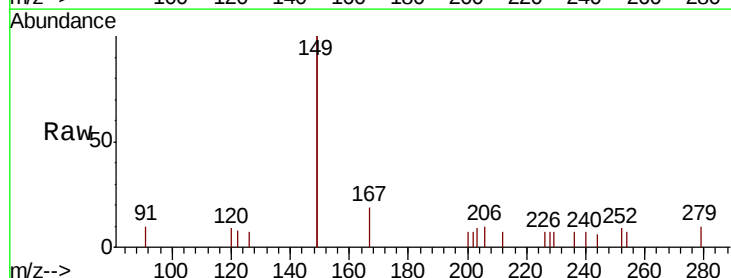
Instrument :
BNA_E
ClientSampled :
SSTDIC0.1

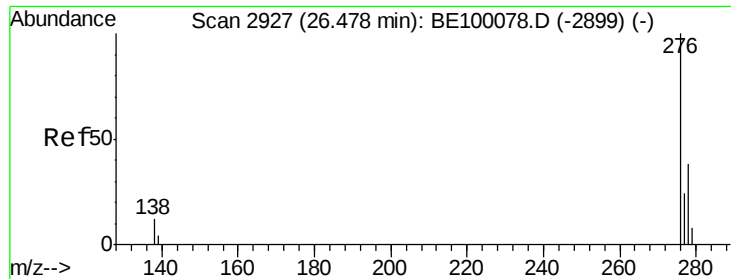
Tot Ion:228 Resp: 2241
Ion Ratio Lower Upper
228 100
226 31.3 23.8 35.8
229 22.0 16.3 24.5



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.069 ng
RT: 21.26 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BE100076.D
Acq: 19 Jun 2019 9:32

Tgt Ion:149 Resp: 1740
Ion Ratio Lower Upper
149 100
167 6.7 5.8 8.6
279 2.2 1.1 1.7#

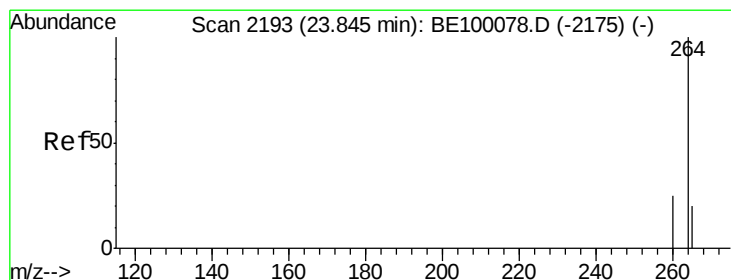
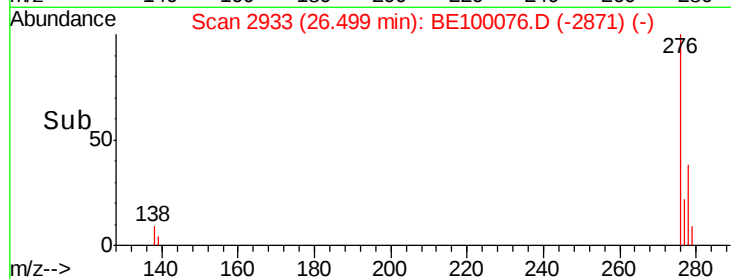
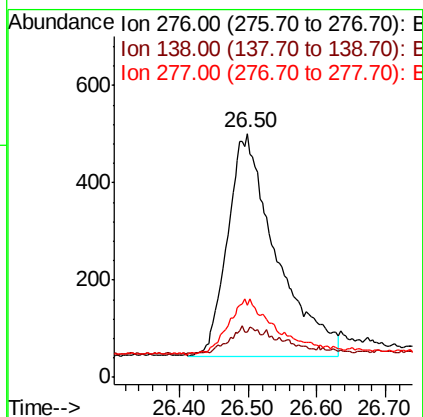
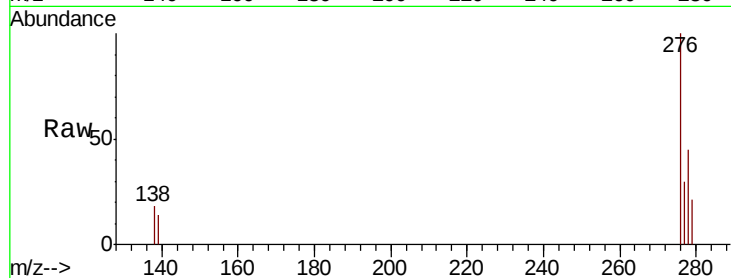




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.093 ng
RT: 26.50 min Scan# 2933
Delta R.T. 0.02 min
Lab File: BE100076.D
Acq: 19 Jun 2019 9:32

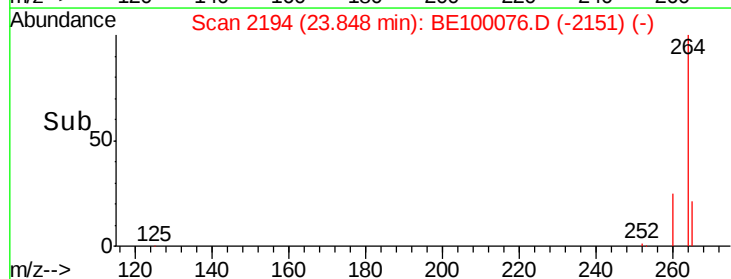
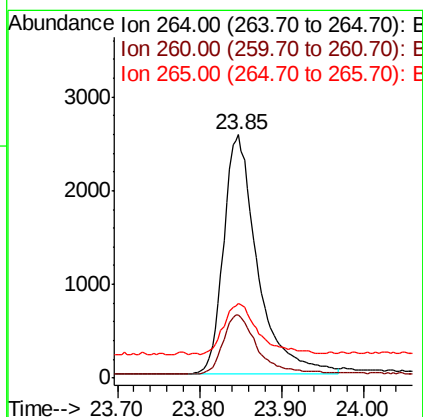
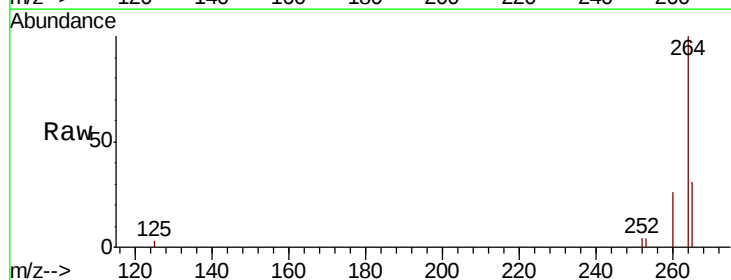
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

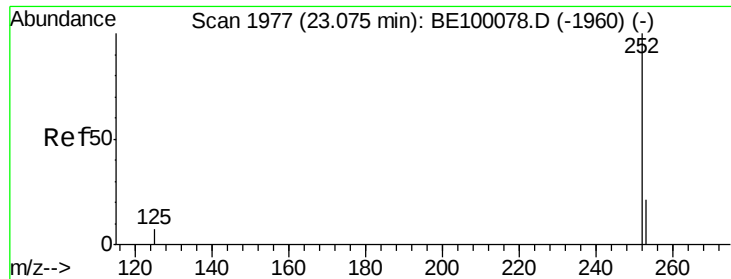
Tot Ion:276 Resp: 2245
Ion Ratio Lower Upper
276 100
138 4.8 4.2 6.4
277 24.3 19.3 28.9



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BE100076.D
Acq: 19 Jun 2019 9:32

Tgt Ion:264 Resp: 7291
Ion Ratio Lower Upper
264 100
260 25.9 20.8 31.2
265 30.7 23.2 34.8

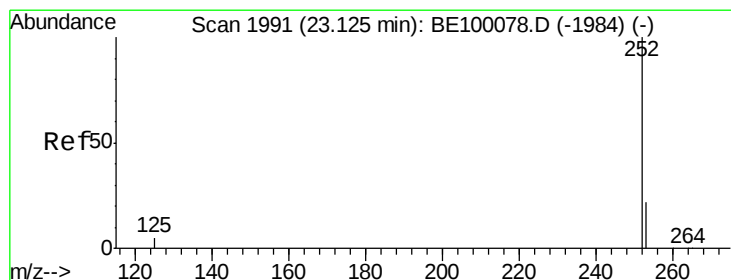
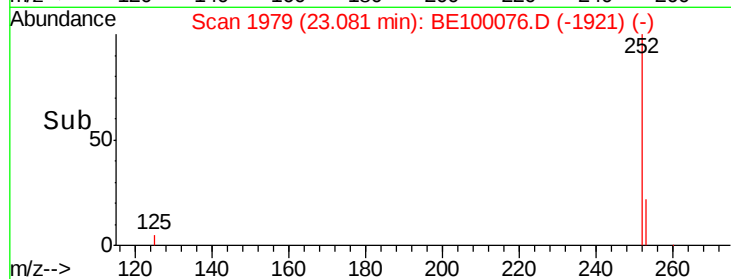
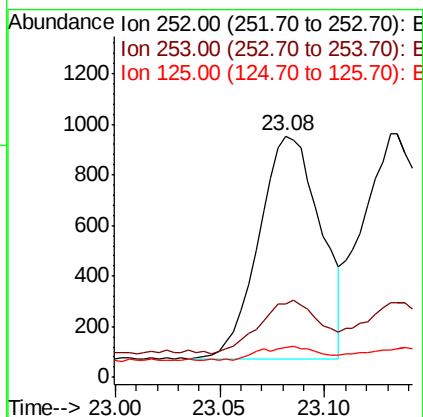
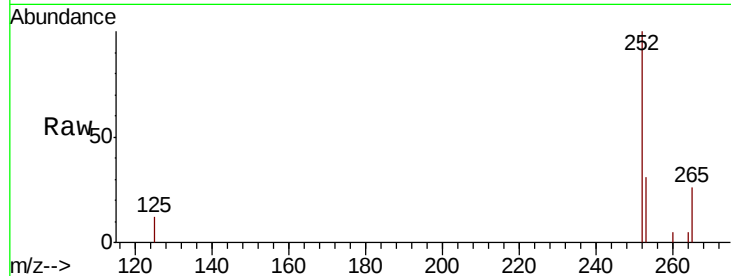




#35
Benzo(b)fluoranthene
Concen: 0.086 ng
RT: 23.08 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BE100076.D
Acq: 19 Jun 2019 9:32

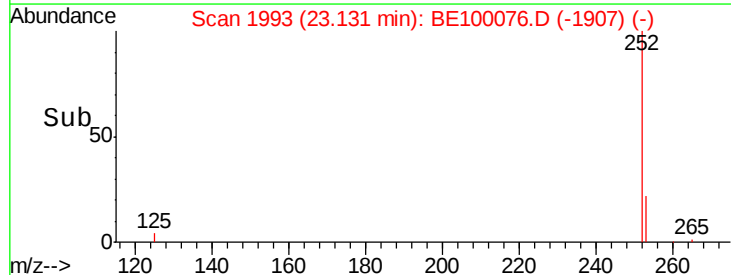
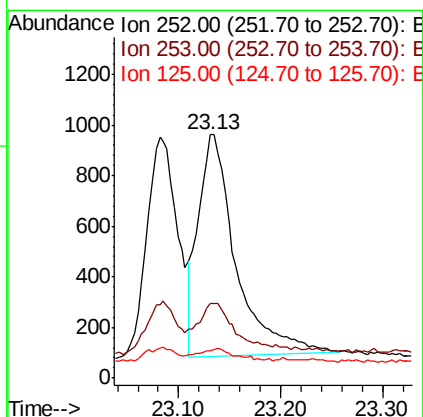
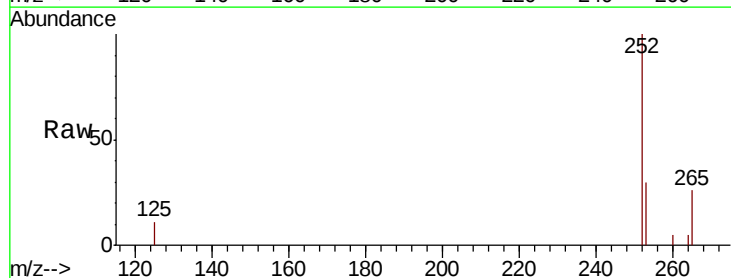
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

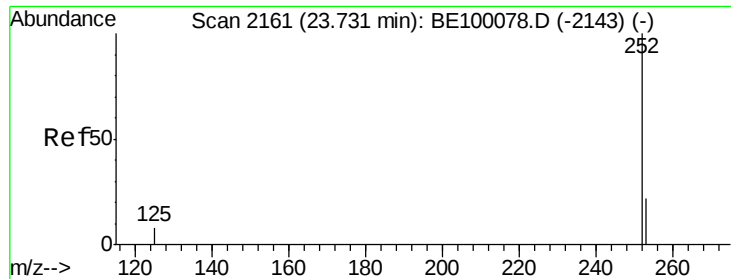
Tot Ion:252 Resp: 1817
Ion Ratio Lower Upper
252 100
253 30.6 18.4 27.6#
125 12.3 6.4 9.6#



#36
Benzo(k)fluoranthene
Concen: 0.098 ng
RT: 23.13 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BE100076.D
Acq: 19 Jun 2019 9:32

Tgt Ion:252 Resp: 2242
Ion Ratio Lower Upper
252 100
253 30.5 18.9 28.3#
125 11.2 5.3 7.9#





#37

Benzo(a)pyrene

Concen: 0.092 ng

RT: 23.73 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

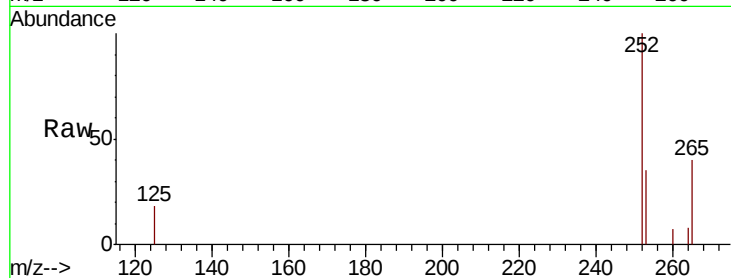
Tot Ion:252 Resp: 1926

Ion Ratio Lower Upper

252 100

253 35.1 19.4 29.2#

125 17.9 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.73

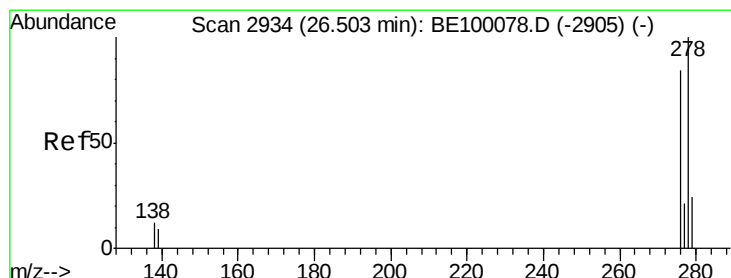
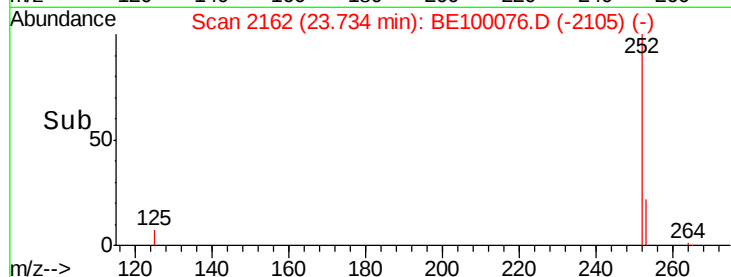
600

400

200

0

Time--> 23.60 23.70 23.80 23.90



#38

Dibenzo(a,h)anthracene

Concen: 0.086 ng

RT: 26.52 min Scan# 2940

Delta R.T. 0.02 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

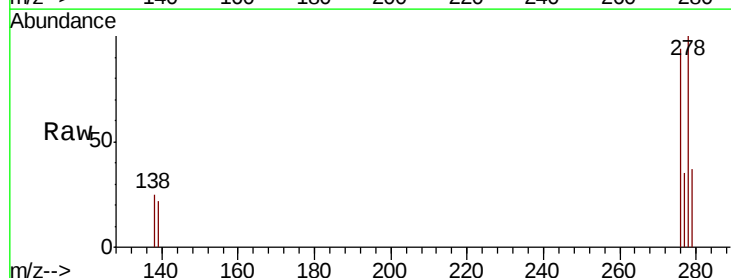
Tgt Ion:278 Resp: 1742

Ion Ratio Lower Upper

278 100

139 21.9 9.0 13.6#

279 36.8 21.4 32.0#



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

26.52

500

400

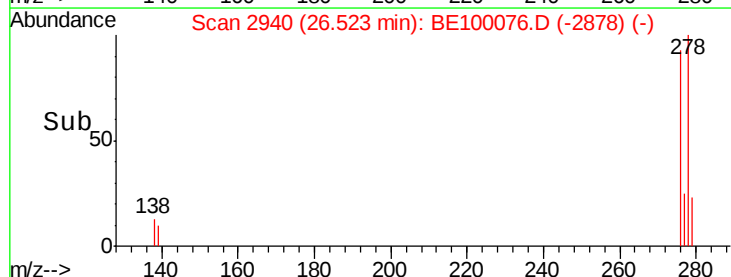
300

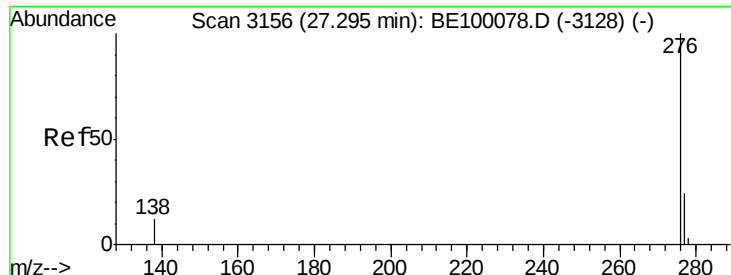
200

100

0

Time--> 26.40 26.50 26.60 26.70





#39

Benzo(a,h,i)perylene

Concen: 0.093 ng

RT: 27.30 min Scan# 3158

Delta R.T. 0.01 min

Lab File: BE100076.D

Acq: 19 Jun 2019 9:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

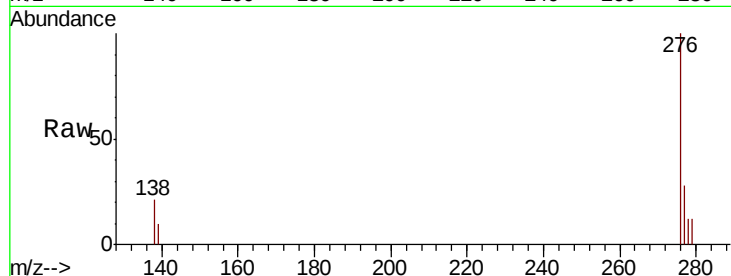
Tot Ion: 276 Resp: 2011

Ion Ratio Lower Upper

276 100

277 27.6 20.3 30.5

138 20.7 11.3 16.9#



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

