

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
 Data File : BE100077.D
 Acq On : 19 Jun 2019 10:08
 Operator : JU/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Jun 19 12:17:12 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 12:09:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	448	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	1752	0.40	ng	0.01
13) Acenaphthene-d10	14.41	164	1404	0.40	ng	0.00
19) Phenanthrene-d10	17.16	188	4473	0.40	ng	0.00
27) Chrysene-d12	21.35	240	6521	0.40	ng	0.01
34) Perylene-d12	23.84	264	7644	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	82	0.07	ng	0.00
5) Phenol-d6	6.95	99	235	0.16	ng	0.02
8) Nitrobenzene-d5	8.94	82	278	0.16	ng	0.03
11) 2-Methylnaphthalene-d10	12.17	152	691	0.22	ng	0.01
14) 2,4,6-Tribromophenol	15.93	330	117	0.14	ng	0.01
15) 2-Fluorobiphenyl	13.06	172	1078	0.20	ng	0.01
25) Fluoranthene-d10	19.20	212	11988	0.19	ng	0.00
29) Terphenyl-d14	19.81	244	2477	0.23	ng	0.00

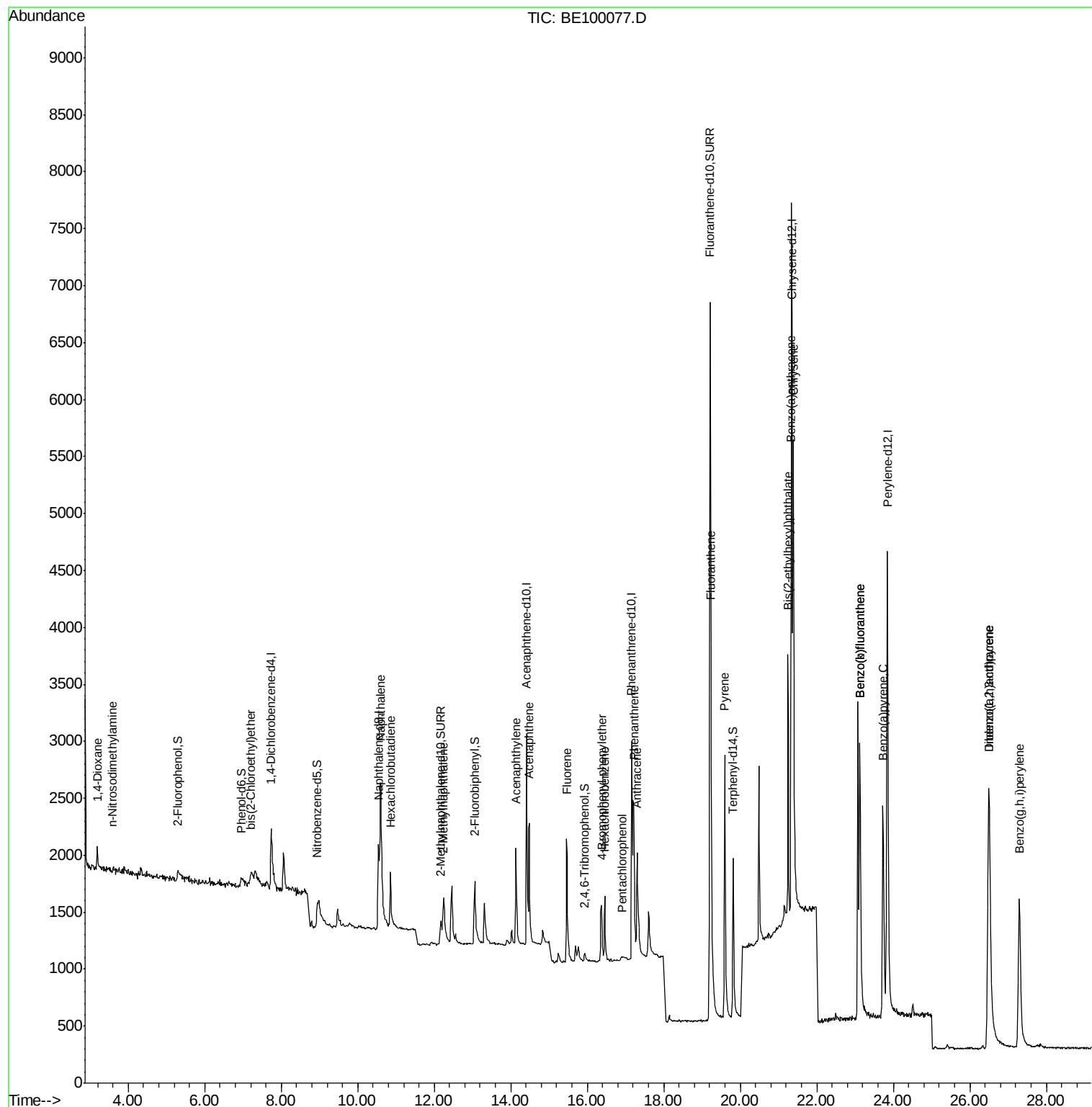
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	158	0.202	ng	# 93
3) n-Nitrosodimethylamine	3.59	42	22	0.068	ng	# 1
6) bis(2-Chloroethyl)ether	7.21	93	366	0.267	ng	# 1
9) Naphthalene	10.60	128	3807	0.197	ng	# 92
10) Hexachlorobutadiene	10.86	225	391	0.235	ng	98
12) 2-Methylnaphthalene	12.24	142	577	0.190	ng	94
16) Acenaphthylene	14.14	152	1235	0.176	ng	99
17) Acenaphthene	14.49	154	692	0.182	ng	98
18) Fluorene	15.46	166	1039	0.183	ng	98
20) 4-Bromophenyl-phenylether	16.37	248	490	0.182	ng	97
21) Hexachlorobenzene	16.46	284	577	0.209	ng	96
22) Pentachlorophenol	16.91	266	75	0.087	ng	95
23) Phenanthrene	17.21	178	1954	0.179	ng	98
24) Anthracene	17.31	178	1387	0.145	ng	98
26) Fluoranthene	19.23	202	3213	0.179	ng	98
28) Pyrene	19.60	202	3247	0.200	ng	100
30) Benzo(a)anthracene	21.33	228	3783	0.201	ng	99
31) Chrysene	21.39	228	4420	0.209	ng	100
32) Bis(2-ethylhexyl)phthalate	21.25	149	2997	0.115	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.49	276	5061	0.202	ng	# 95
35) Benzo(b)fluoranthene	23.12	252	4555	0.207	ng	96
36) Benzo(k)fluoranthene	23.12	252	4555	0.191	ng	# 96
37) Benzo(a)pyrene	23.73	252	4114	0.188	ng	# 93
38) Dibenzo(a,h)anthracene	26.51	278	3877	0.182	ng	# 94
39) Benzo(g,h,i)perylene	27.29	276	4294	0.190	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.73 min Scan# 423

Delta R.T. 0.00 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

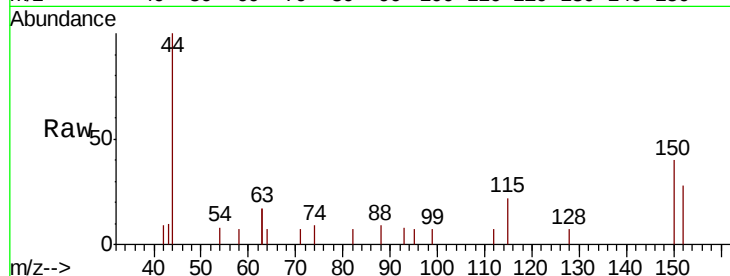
Tot Ion:152 Resp: 448

Ion Ratio Lower Upper

152 100

150 139.3 99.8 149.8

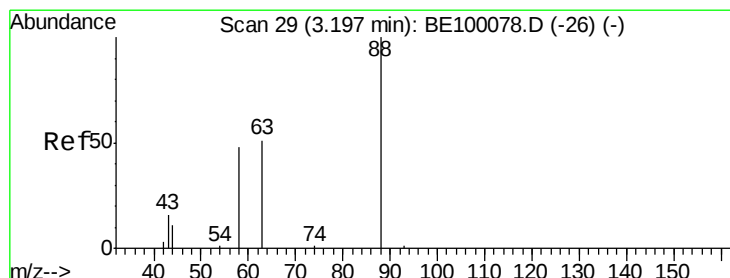
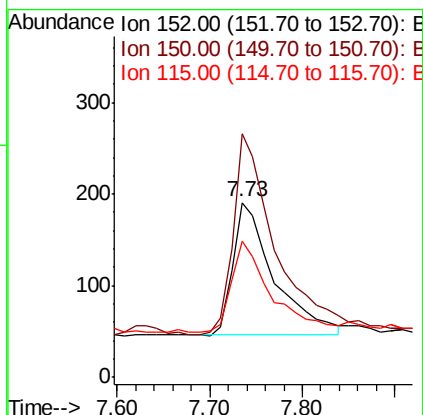
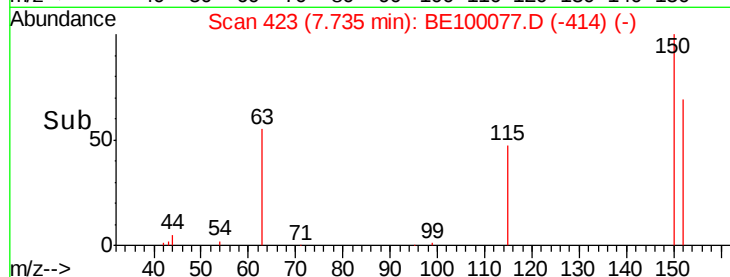
115 78.0 51.3 76.9#



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: 0.202 ng

RT: 3.20 min Scan# 29

Delta R.T. 0.00 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

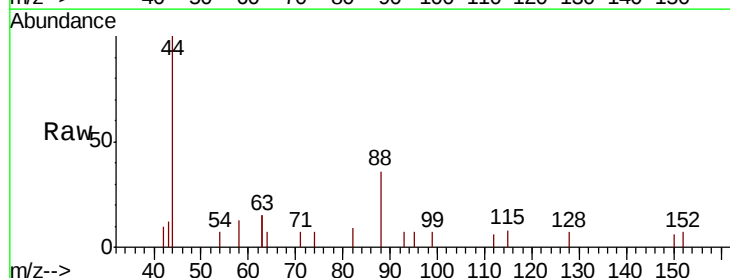
Tgt Ion: 88 Resp: 158

Ion Ratio Lower Upper

88 100

58 60.1 51.1 76.7

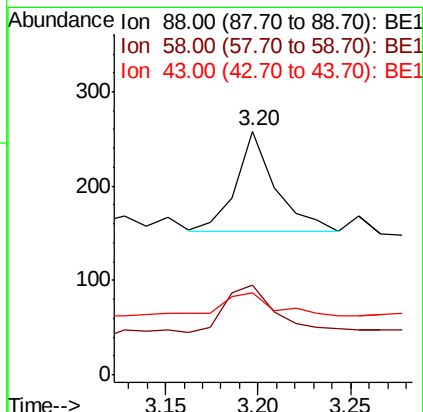
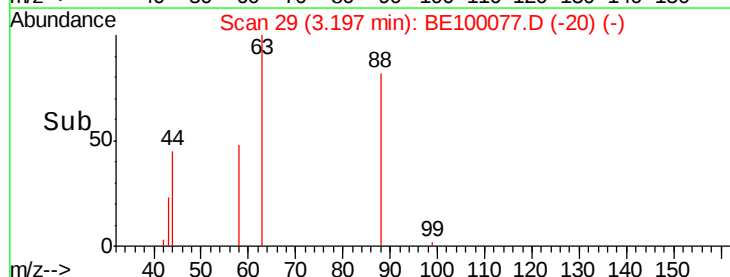
43 33.5 21.7 32.5#



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: 0.068 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.01 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

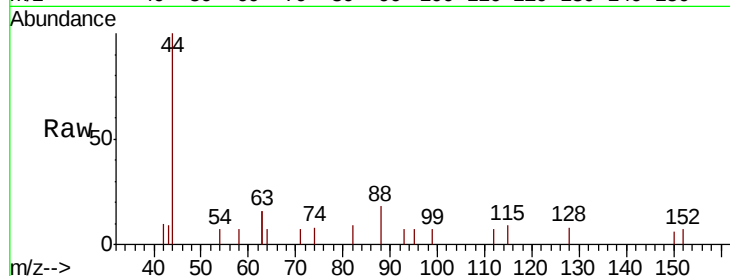
Tot Ion: 42 Resp: 22

Ion Ratio Lower Upper

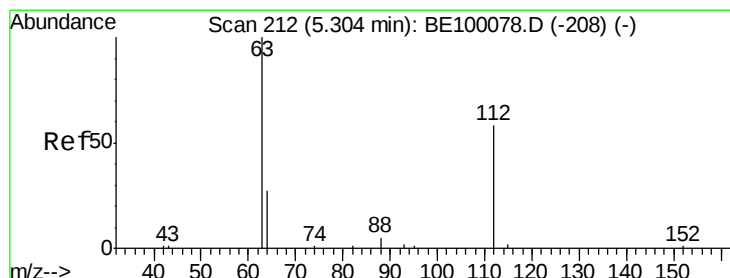
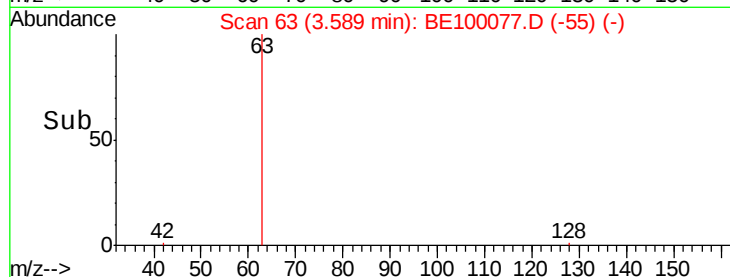
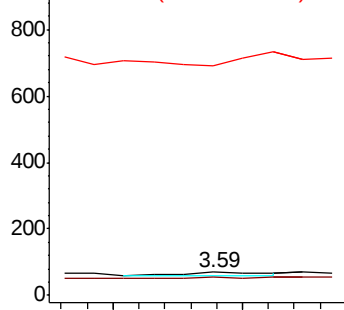
42 100

74 0.0 205.4 308.2#

44 0.0 0.0 0.0



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: 0.068 ng

RT: 5.30 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

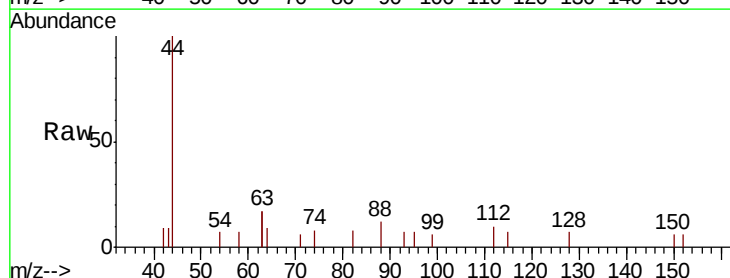
Tgt Ion: 112 Resp: 82

Ion Ratio Lower Upper

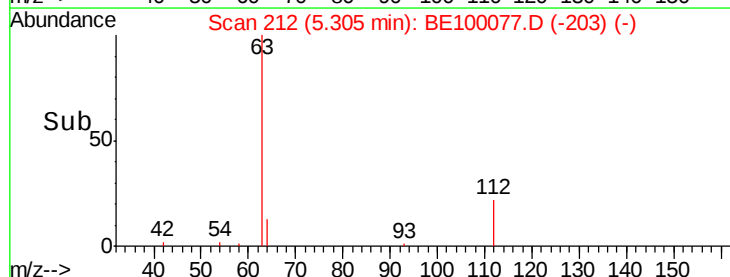
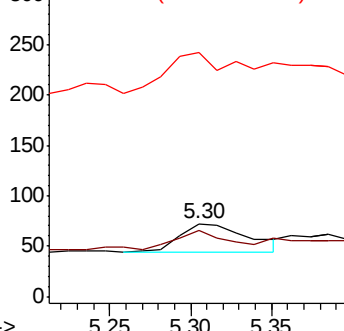
112 100

64 50.0 22.0 33.0#

63 148.8 121.8 182.6



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: 0.161 ng

RT: 6.95 min Scan# 355

Delta R.T. 0.02 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

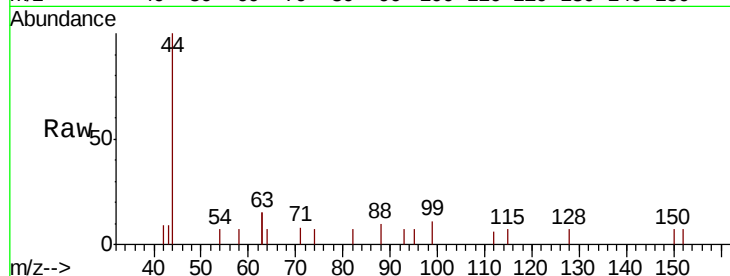
Tot Ion: 99 Resp: 235

Ion Ratio Lower Upper

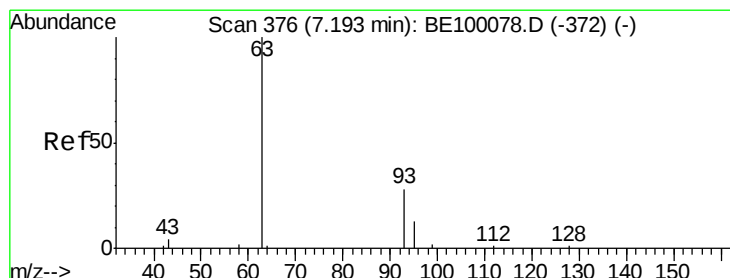
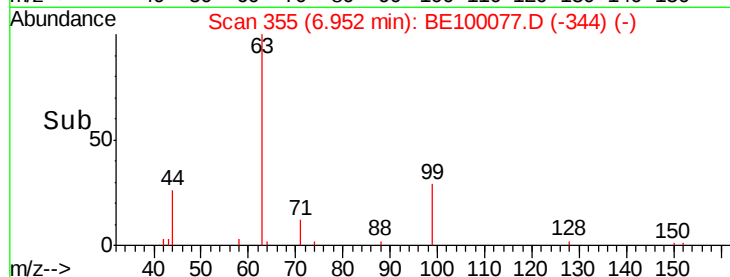
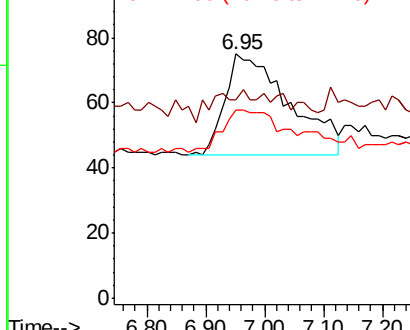
99 100

42 0.0 0.0 0.0

71 36.2 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: 0.267 ng

RT: 7.21 min Scan# 377

Delta R.T. 0.01 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

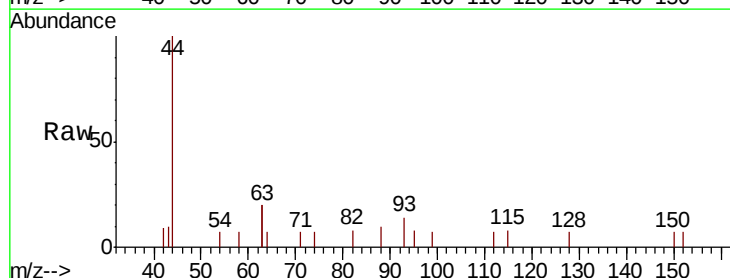
Tgt Ion: 93 Resp: 366

Ion Ratio Lower Upper

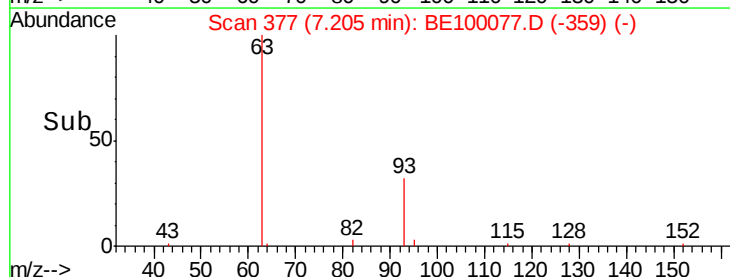
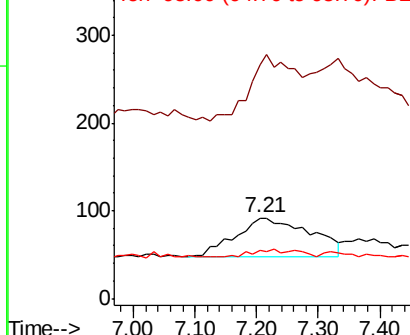
93 100

63 0.0 144.9 217.3#

95 0.0 19.5 29.3#



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: 10.55 min Scan# 645

Delta R.T. 0.01 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 1752

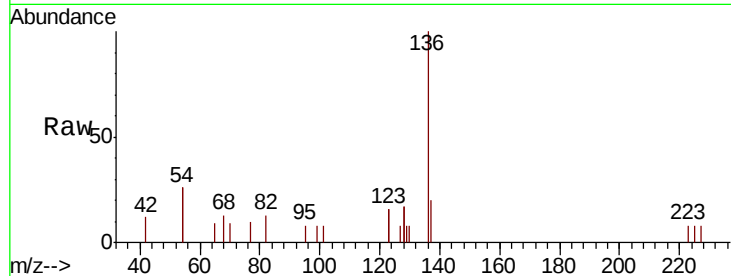
Ion Ratio Lower Upper

136 100

137 20.1 11.6 17.4#

54 51.4 33.9 50.9#

68 12.8 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

10.55

600

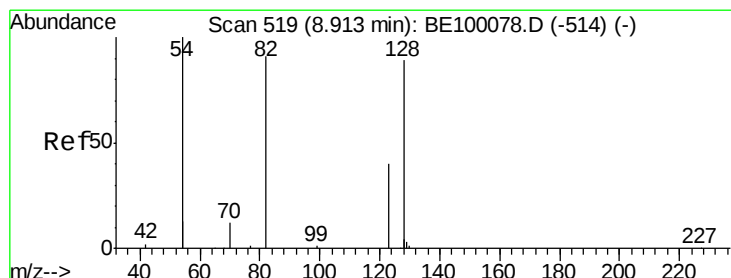
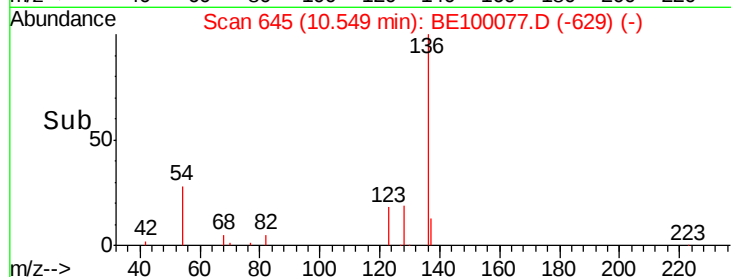
400

200

0

10.40 10.50 10.60 10.70

Time-->



#8

Nitrobenzene-d5

Concen: 0.160 ng

RT: 8.94 min Scan# 521

Delta R.T. 0.03 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

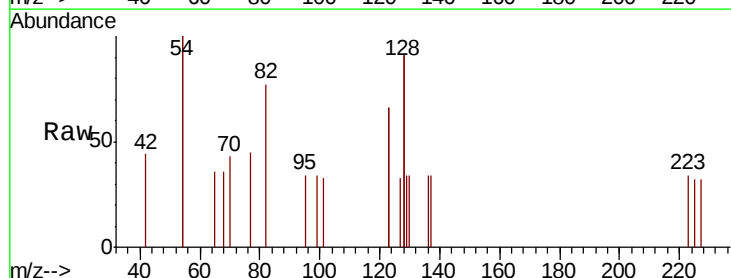
Tgt Ion: 82 Resp: 278

Ion Ratio Lower Upper

82 100

128 236.2 128.0 192.0#

54 261.0 143.4 215.0#



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

300

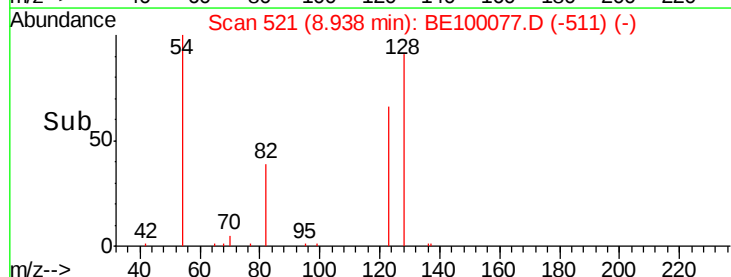
200

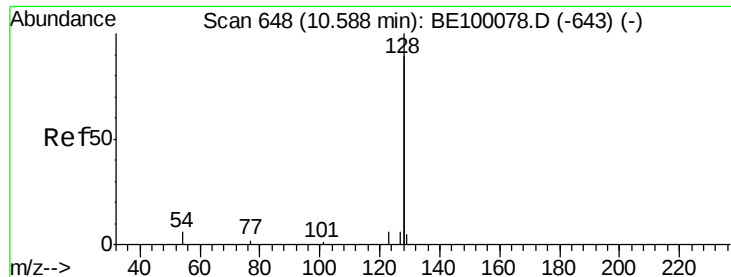
100

0

8.90 9.00 9.10

Time-->





#9

Naphthalene

Concen: 0.197 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

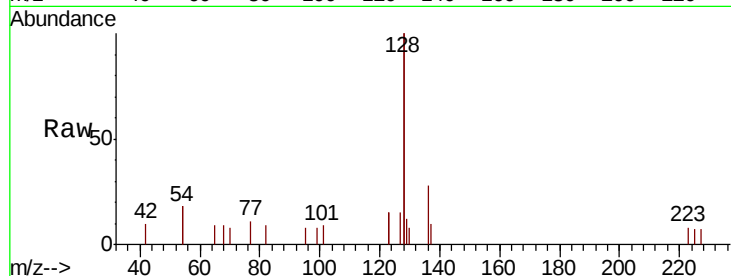
Tot Ion:128 Resp: 3807

Ion Ratio Lower Upper

128 100

129 6.0 3.1 4.7#

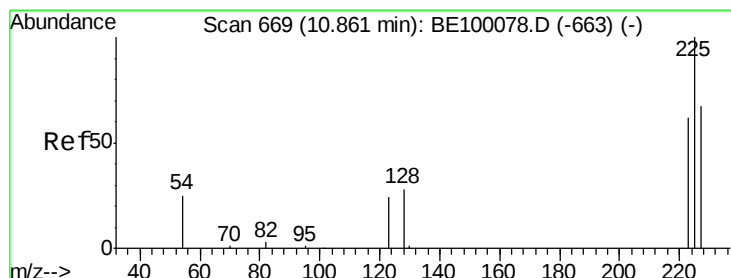
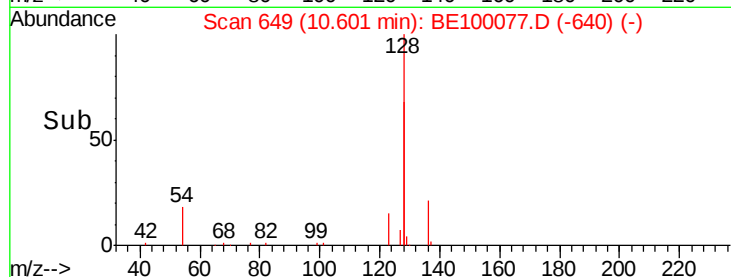
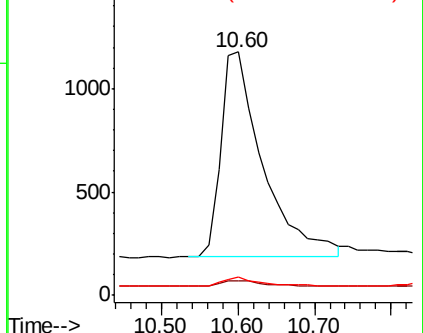
127 7.3 3.4 5.2#



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

Hexachlorobutadiene

Concen: 0.235 ng

RT: 10.86 min Scan# 669

Delta R.T. -0.00 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

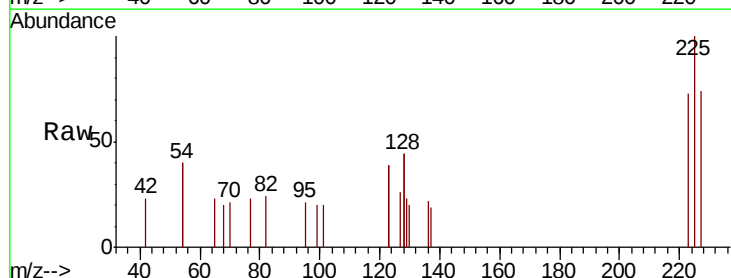
Tgt Ion:225 Resp: 391

Ion Ratio Lower Upper

225 100

223 64.7 52.2 78.4

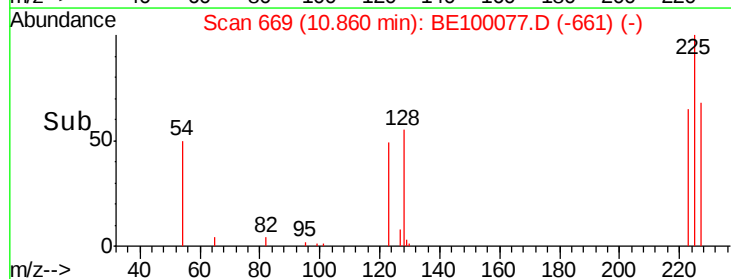
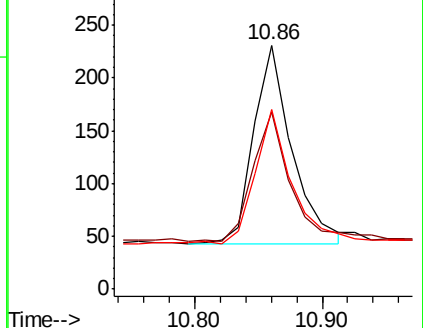
227 63.7 53.0 79.6

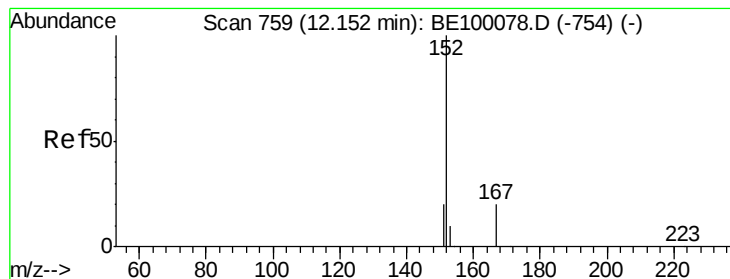


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.218 ng

RT: 12.17 min Scan# 760

Delta R.T. 0.01 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

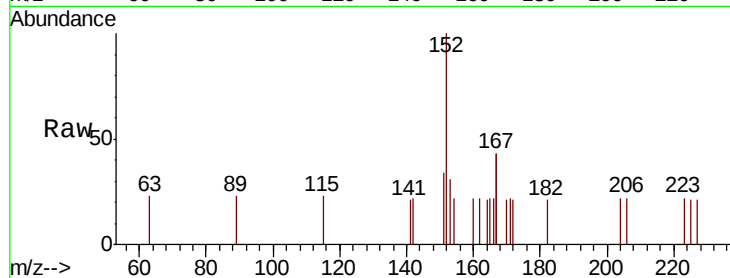
SSTDICC0.2

Tot Ion:152 Resp: 691

Ion Ratio Lower Upper

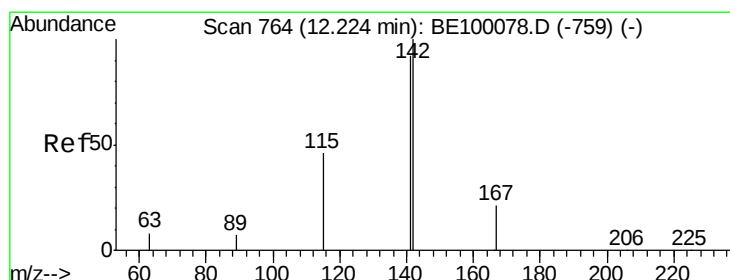
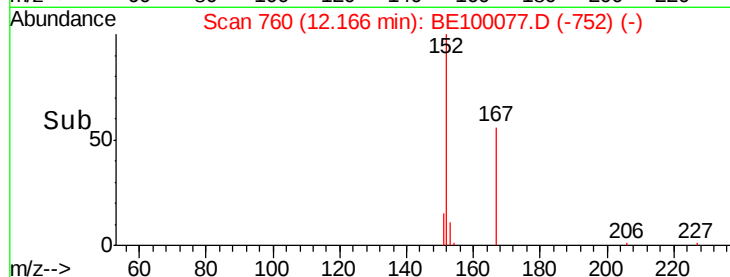
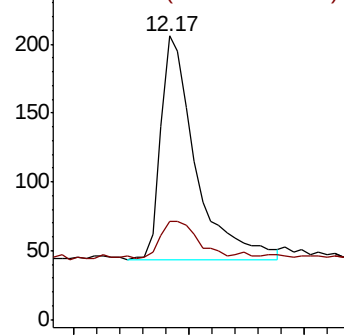
152 100

151 18.2 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.190 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.01 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

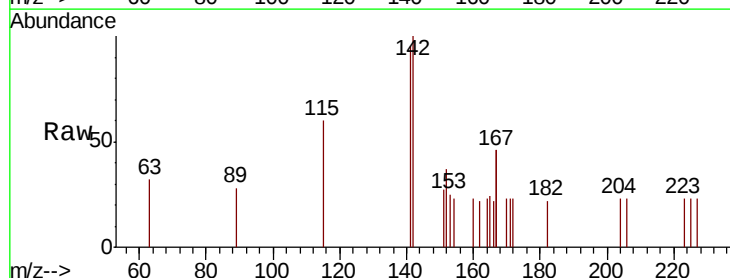
Tgt Ion:142 Resp: 577

Ion Ratio Lower Upper

142 100

141 95.4 74.1 111.1

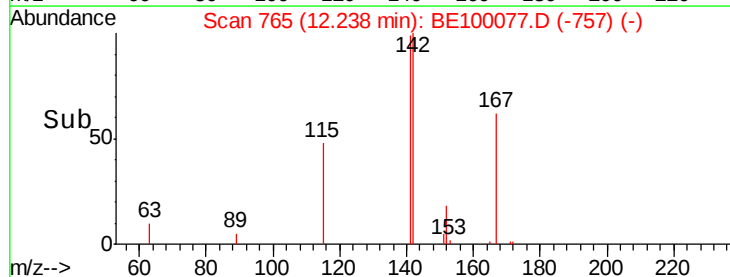
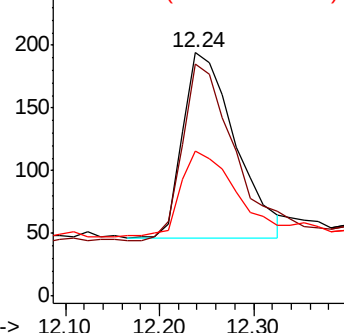
115 59.8 40.9 61.3

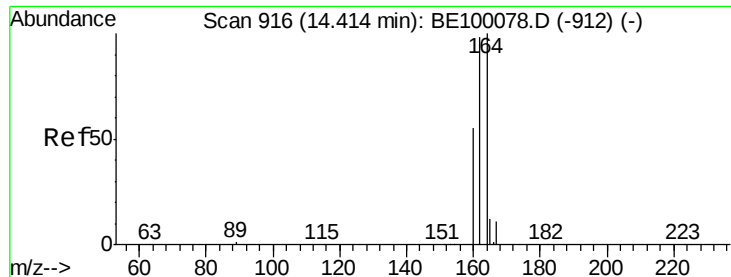


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

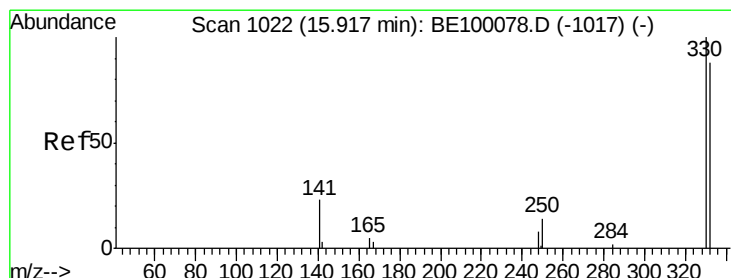
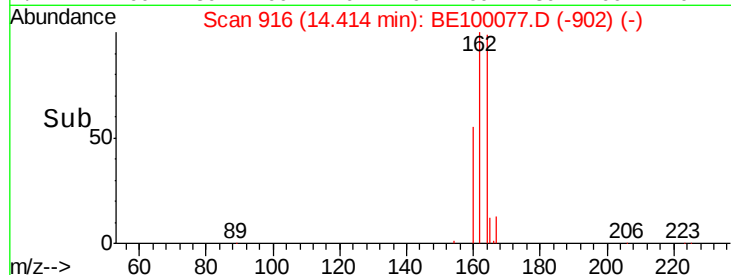
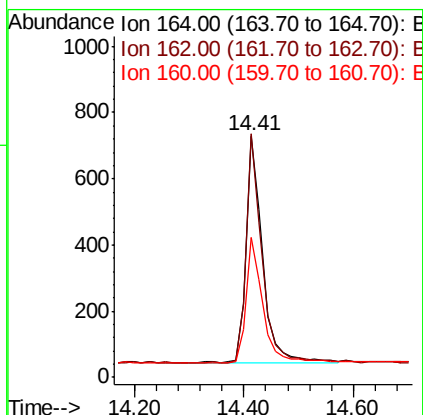
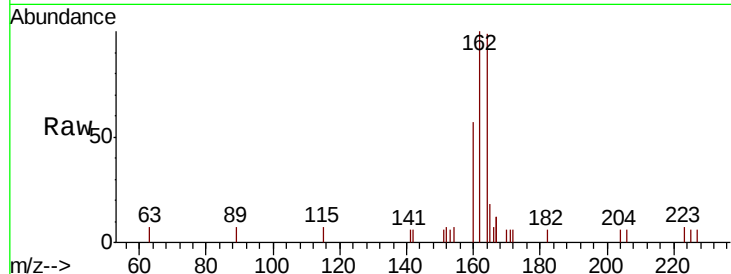




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 916
Delta R.T. 0.00 min
Lab File: BE100077.D
Acq: 19 Jun 2019 10:08

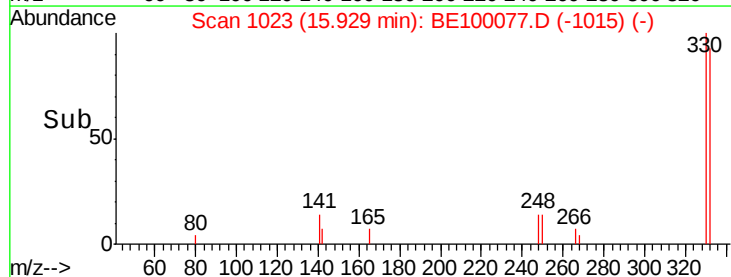
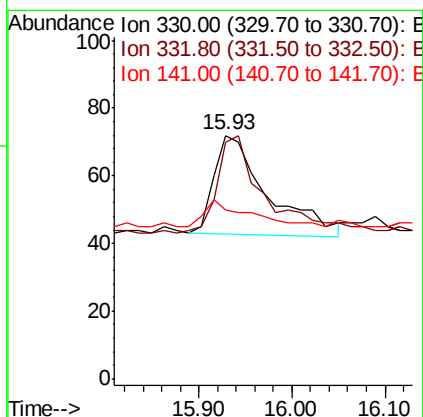
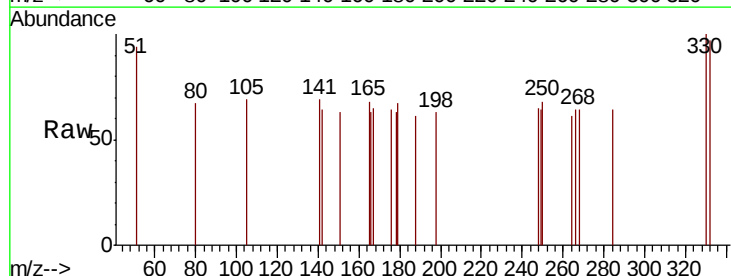
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

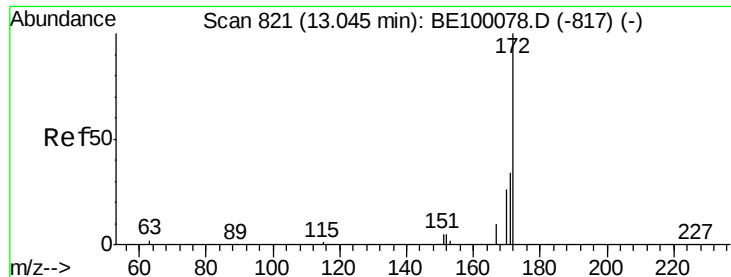
Tot Ion:164 Resp: 1404
Ion Ratio Lower Upper
164 100
162 101.0 78.2 117.2
160 58.0 45.6 68.4



#14
2,4,6-Tribromophenol
Concen: 0.136 ng
RT: 15.93 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BE100077.D
Acq: 19 Jun 2019 10:08

Tgt Ion:330 Resp: 117
Ion Ratio Lower Upper
330 100
332 90.6 73.3 109.9
141 0.0 22.2 33.2#

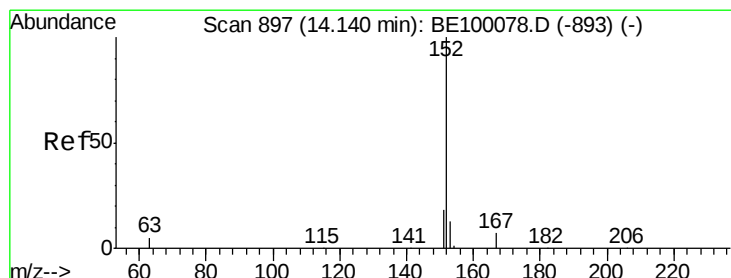
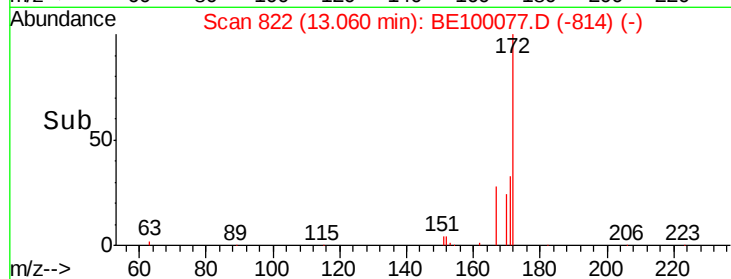
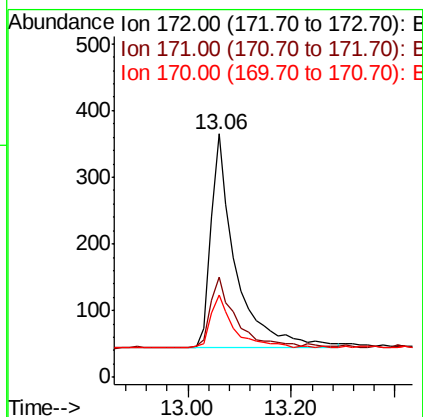
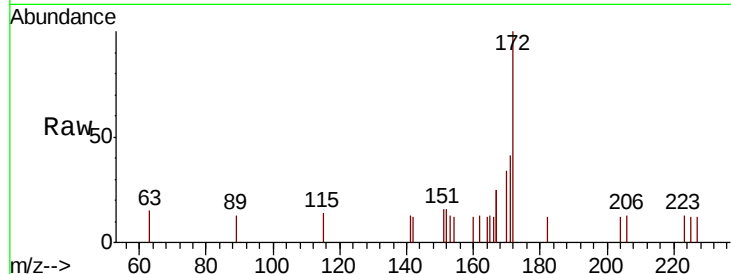




#15
2-Fluorobiphenyl
Concen: 0.198 ng
RT: 13.06 min Scan# 822
Delta R.T. 0.01 min
Lab File: BE100077.D
Acq: 19 Jun 2019 10:08

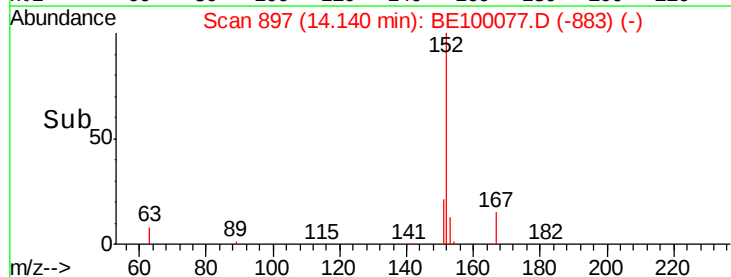
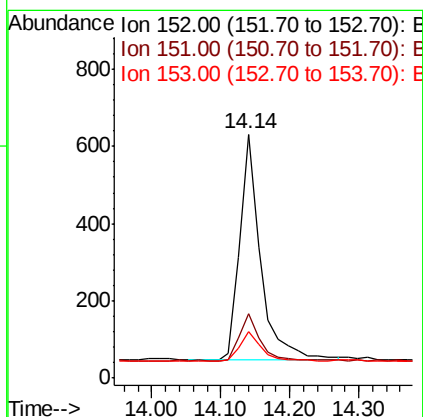
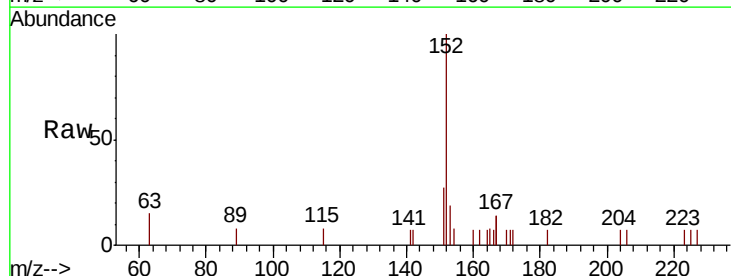
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

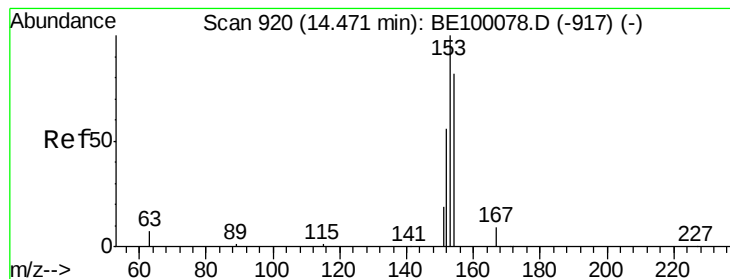
Tot Ion:172 Resp: 1078
Ion Ratio Lower Upper
172 100
171 41.4 29.8 44.8
170 33.7 23.2 34.8



#16
Acenaphthylene
Concen: 0.176 ng
RT: 14.14 min Scan# 897
Delta R.T. 0.00 min
Lab File: BE100077.D
Acq: 19 Jun 2019 10:08

Tgt Ion:152 Resp: 1235
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.5 10.1 15.1





#17

Acenaphthene

Concen: 0.182 ng

RT: 14.49 min Scan# 921

Delta R.T. 0.01 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

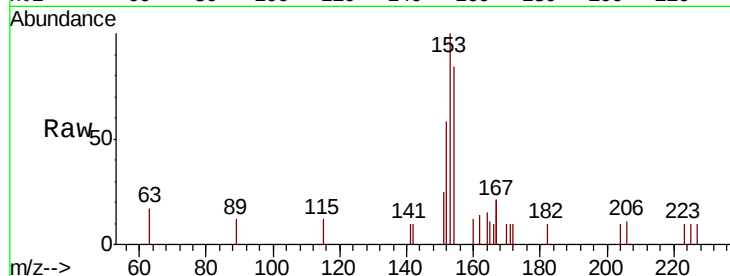
Tot Ion:154 Resp: 692

Ion Ratio Lower Upper

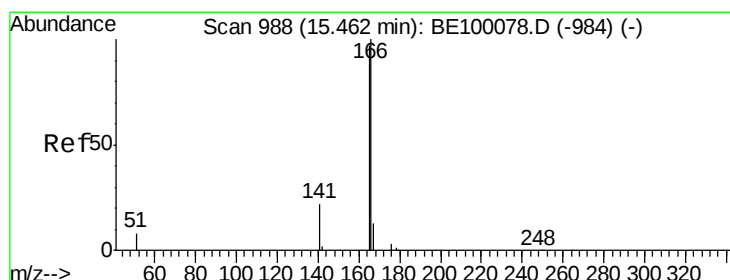
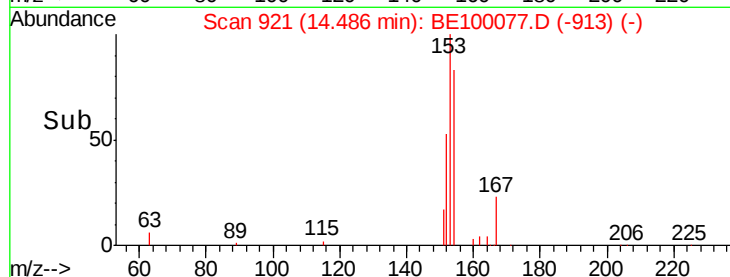
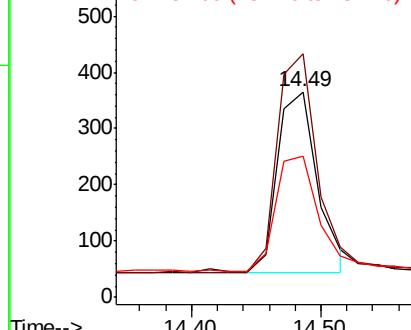
154 100

153 121.4 95.5 143.3

152 67.8 54.9 82.3



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: 0.183 ng

RT: 15.46 min Scan# 988

Delta R.T. -0.00 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

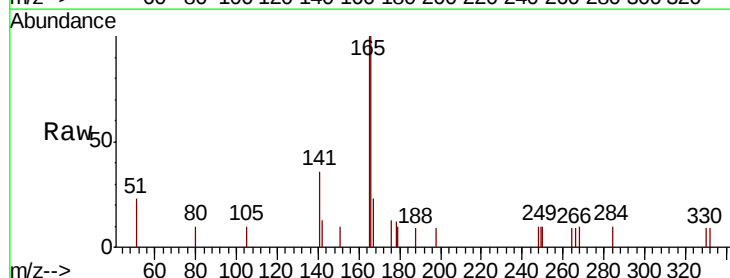
Tgt Ion:166 Resp: 1039

Ion Ratio Lower Upper

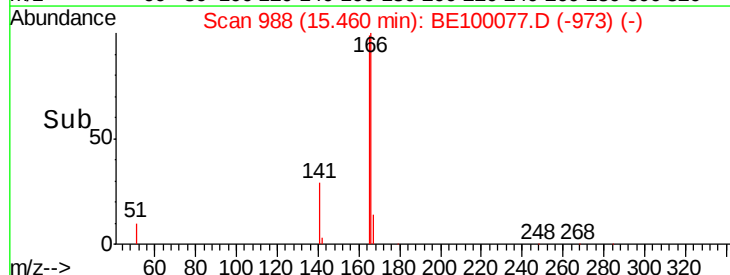
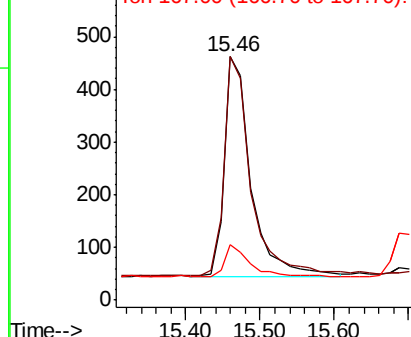
166 100

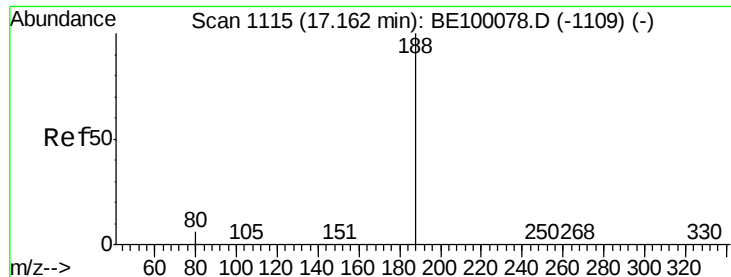
165 101.2 79.8 119.8

167 13.9 10.2 15.4



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: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

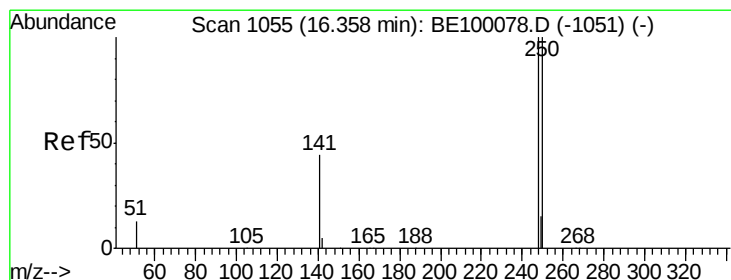
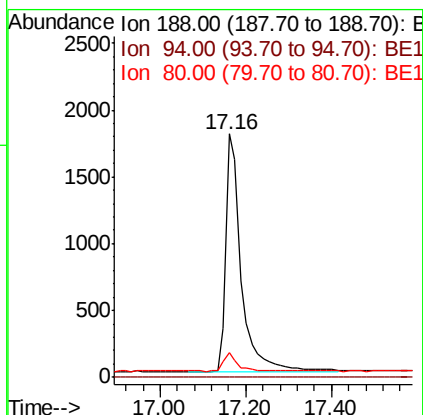
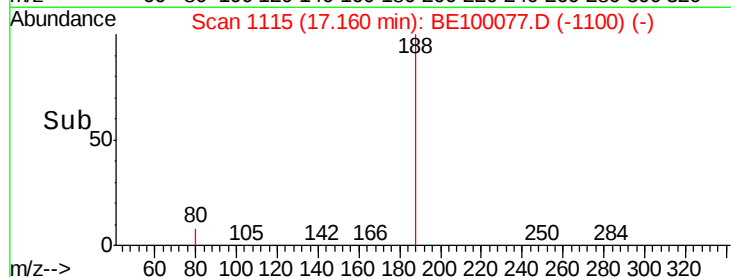
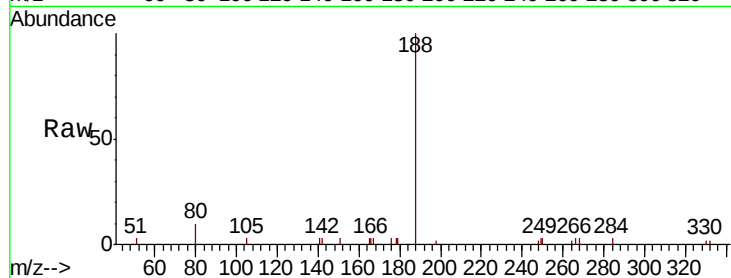
Tot Ion:188 Resp: 4473

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.0 6.3 9.5#



#20

4-Bromophenyl-phenylether

Concen: 0.182 ng

RT: 16.37 min Scan# 1056

Delta R.T. 0.01 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

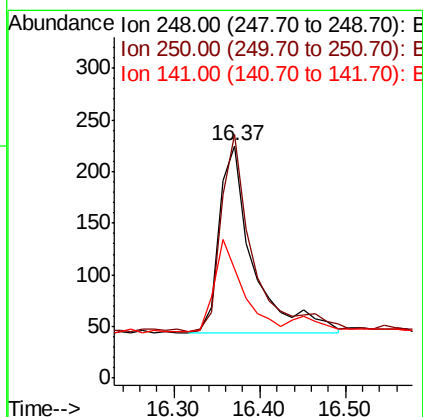
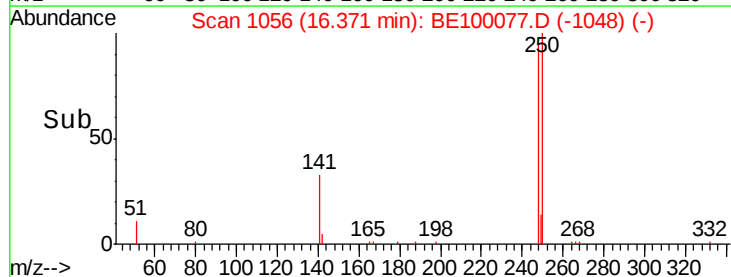
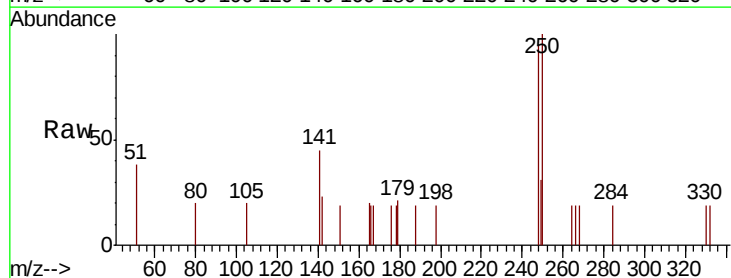
Tgt Ion:248 Resp: 490

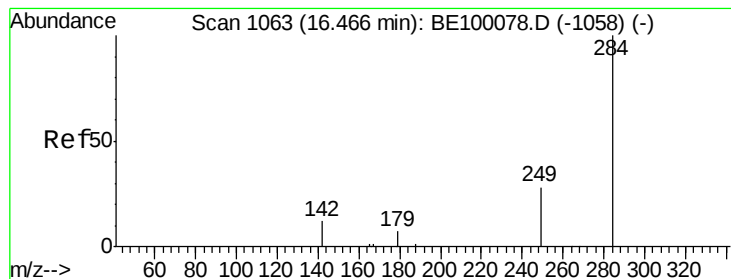
Ion Ratio Lower Upper

248 100

250 104.9 80.6 120.8

141 47.1 38.8 58.2





#21

Hexachlorobenzene

Concen: 0.209 ng

RT: 16.46 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

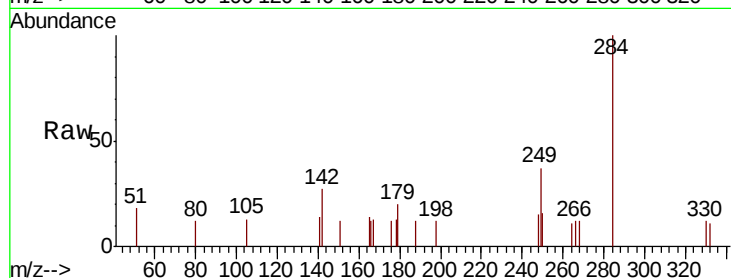
Tot Ion:284 Resp: 577

Ion Ratio Lower Upper

284 100

142 23.6 20.7 31.1

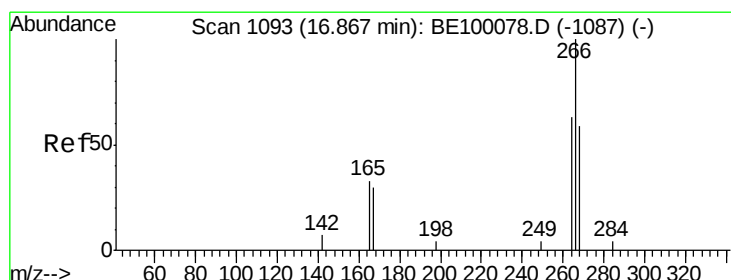
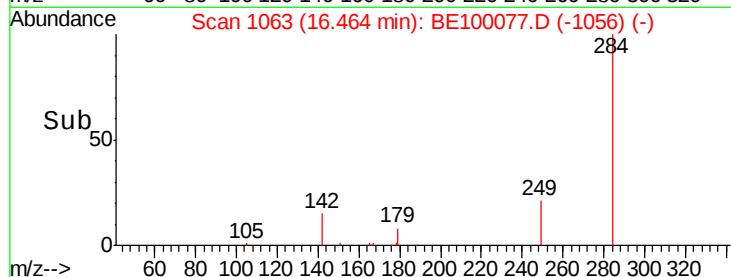
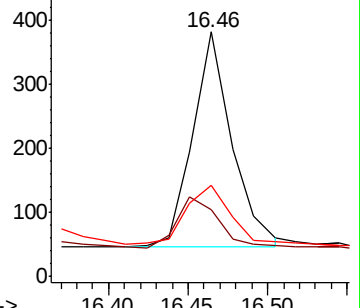
249 30.8 26.6 39.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.087 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.04 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

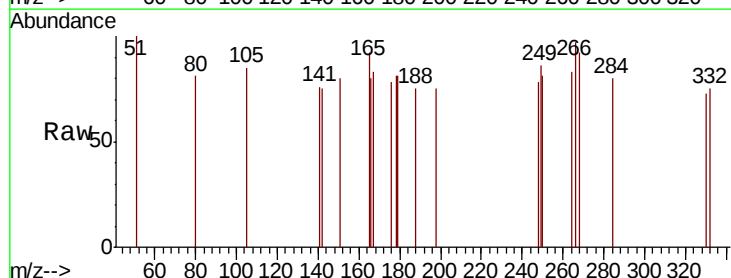
Tgt Ion:266 Resp: 75

Ion Ratio Lower Upper

266 100

264 86.0 67.8 101.6

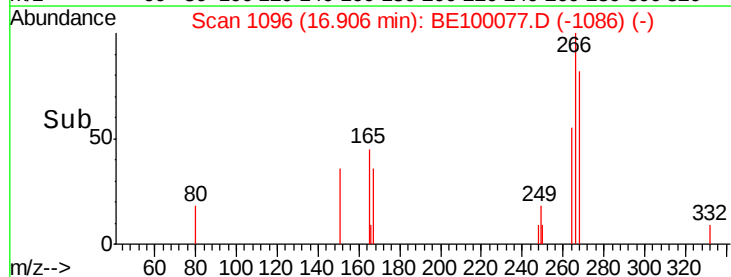
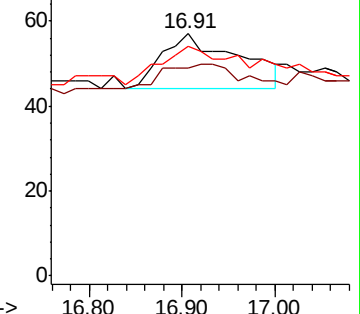
268 94.7 70.0 105.0

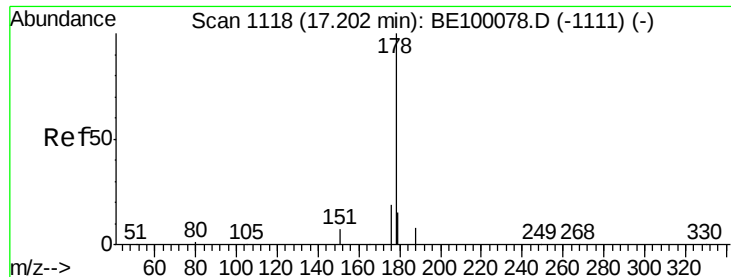


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.179 ng

RT: 17.21 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

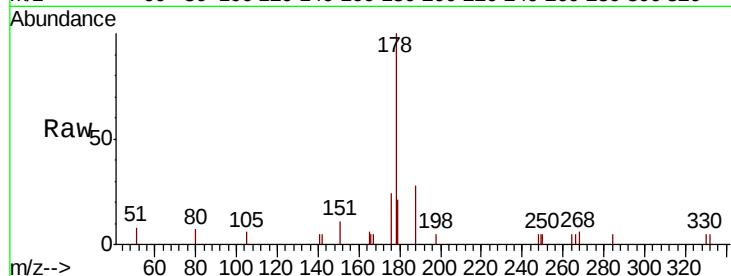
Tot Ion:178 Resp: 1954

Ion Ratio Lower Upper

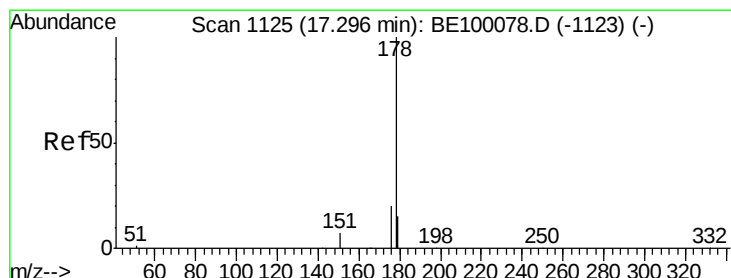
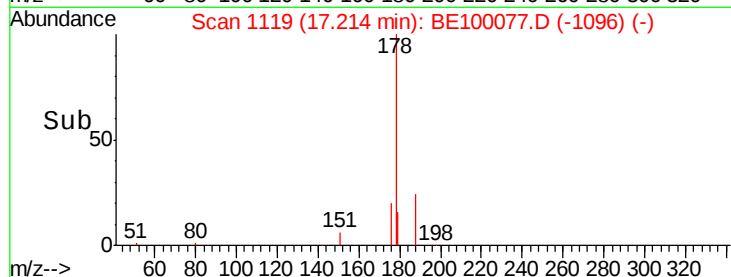
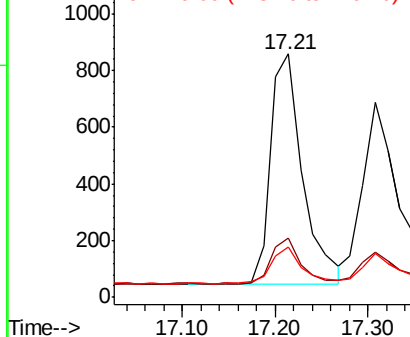
178 100

176 18.6 15.9 23.9

179 16.0 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



#24

Anthracene

Concen: 0.145 ng

RT: 17.31 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

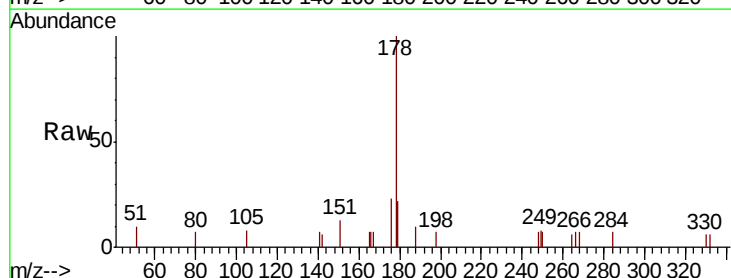
Tgt Ion:178 Resp: 1387

Ion Ratio Lower Upper

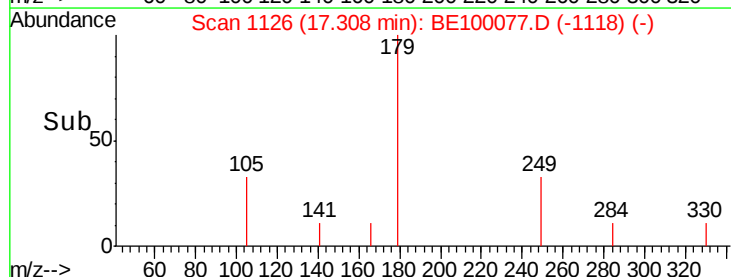
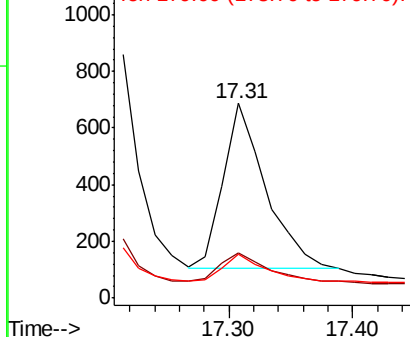
178 100

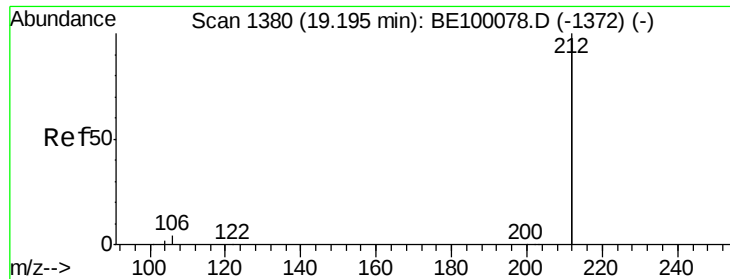
176 18.2 15.8 23.6

179 15.1 12.0 18.0



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: 0.191 ng

RT: 19.20 min Scan# 1381

Delta R.T. 0.01 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

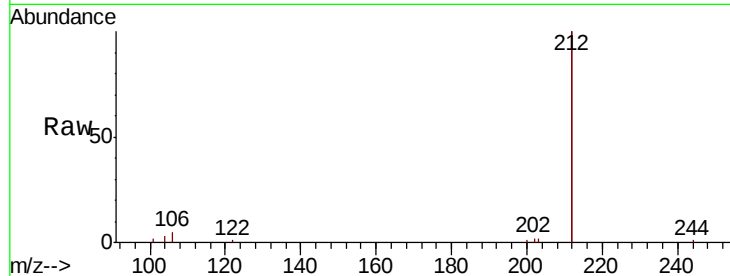
Tot Ion:212 Resp: 11988

Ion Ratio Lower Upper

212 100

106 1.6 1.4 2.0

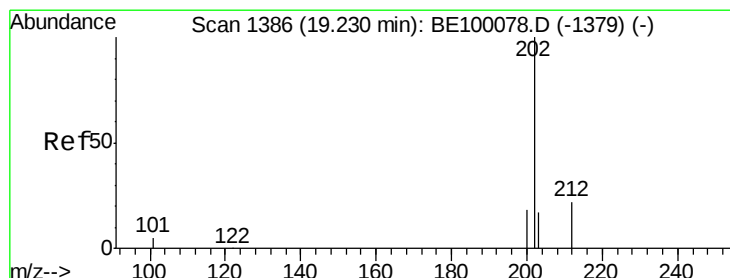
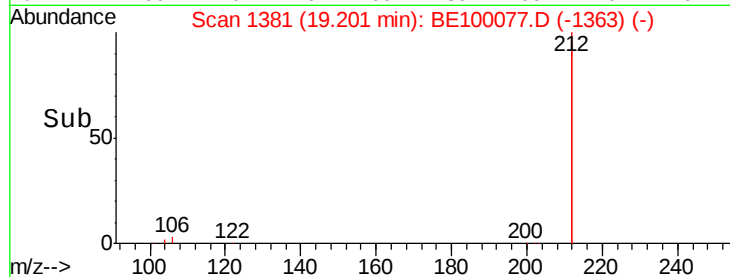
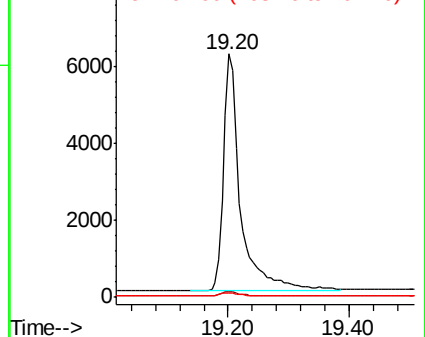
104 1.1 0.8 1.2



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: 0.179 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

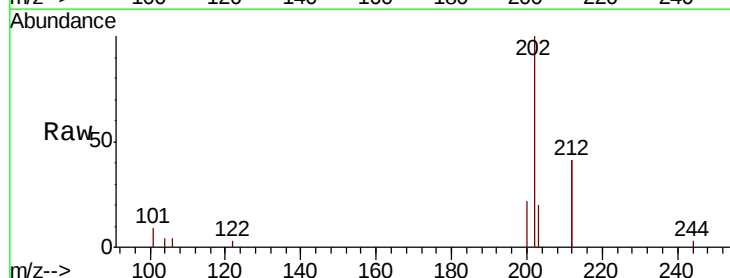
Tgt Ion:202 Resp: 3213

Ion Ratio Lower Upper

202 100

101 5.9 5.0 7.4

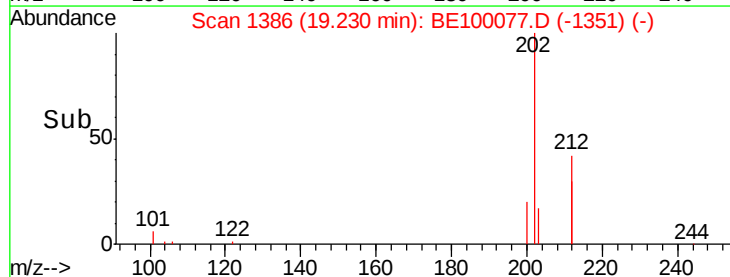
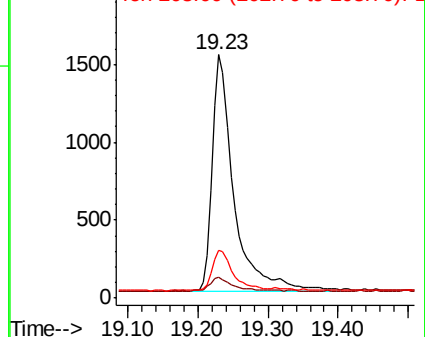
203 16.3 13.7 20.5

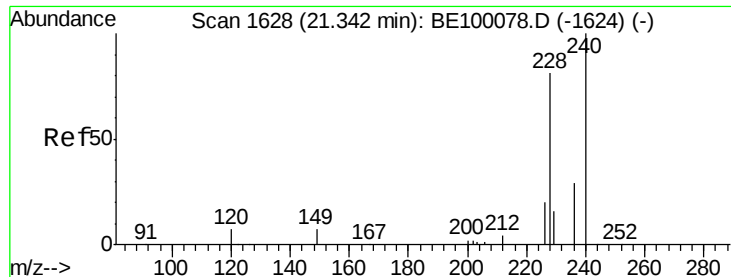


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

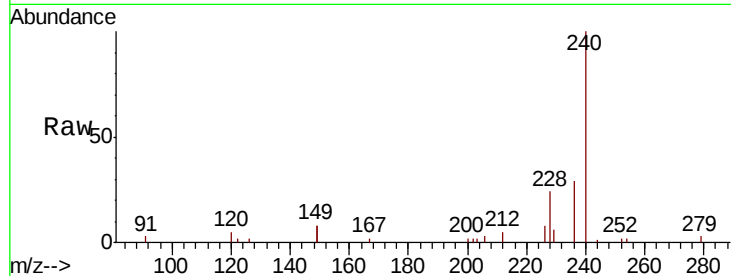




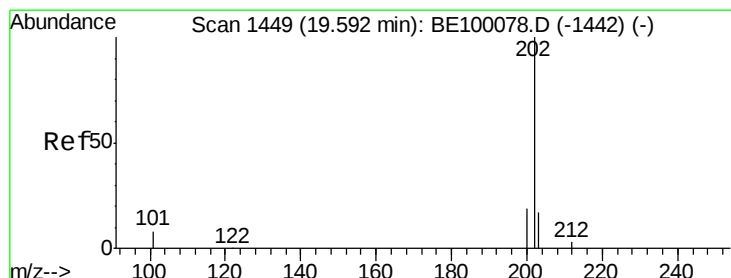
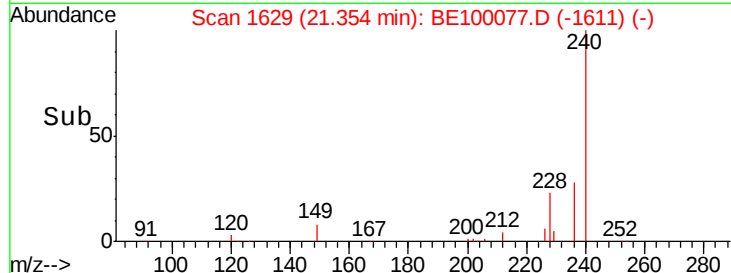
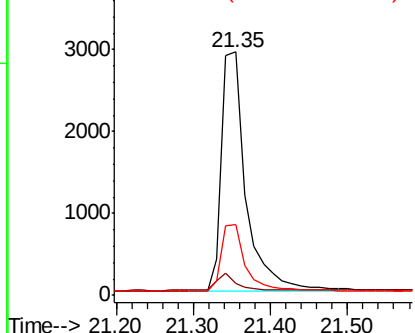
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BE100077.D
Acq: 19 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:240 Resp: 6521
Ion Ratio Lower Upper
240 100
120 5.0 6.6 10.0#
236 28.9 23.8 35.6

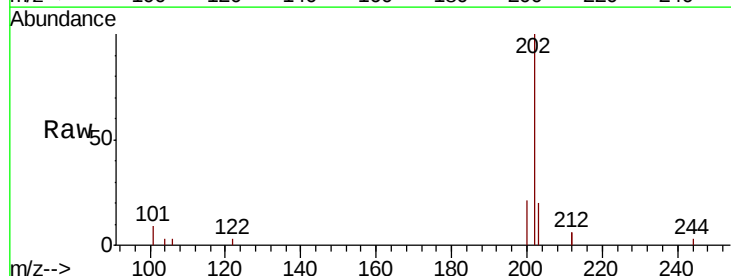


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

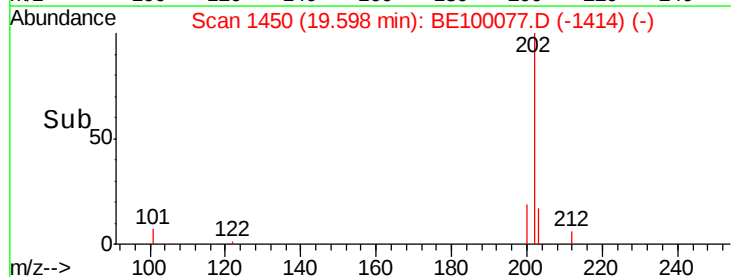
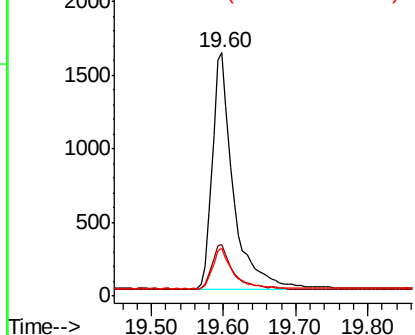


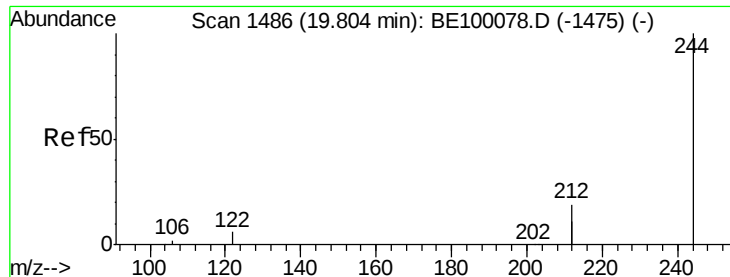
#28
Pyrene
Concen: 0.200 ng
RT: 19.60 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BE100077.D
Acq: 19 Jun 2019 10:08

Tgt Ion:202 Resp: 3247
Ion Ratio Lower Upper
202 100
200 19.3 15.6 23.4
203 17.5 13.9 20.9



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: 0.225 ng

RT: 19.81 min Scan# 1487

Delta R.T. 0.01 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

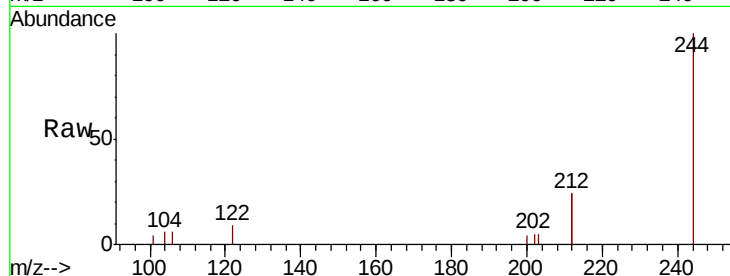
Tot Ion:244 Resp: 2477

Ion Ratio Lower Upper

244 100

212 47.2 29.8 44.8#

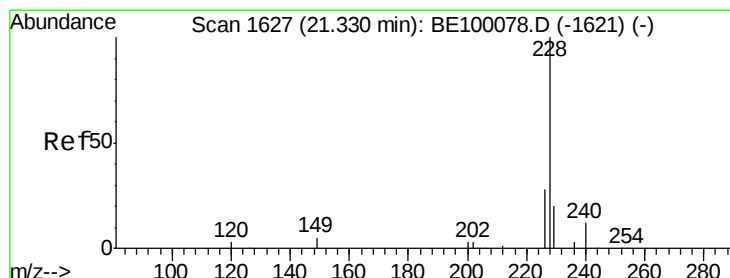
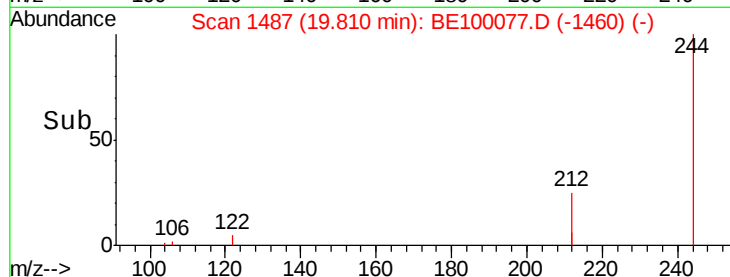
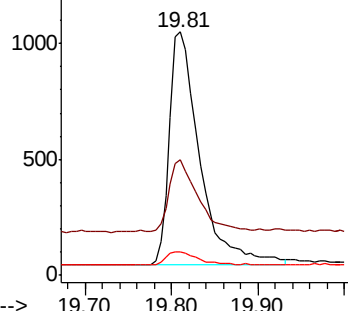
122 9.4 6.1 9.1#



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: 0.201 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

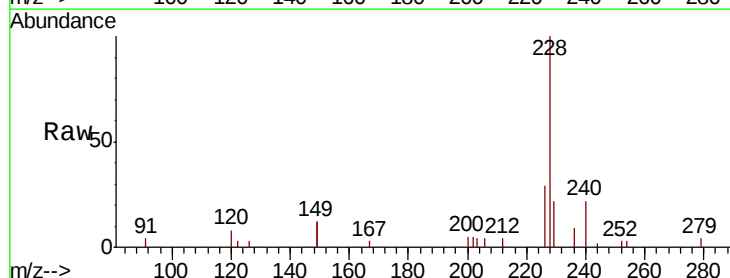
Tgt Ion:228 Resp: 3783

Ion Ratio Lower Upper

228 100

226 28.9 23.0 34.4

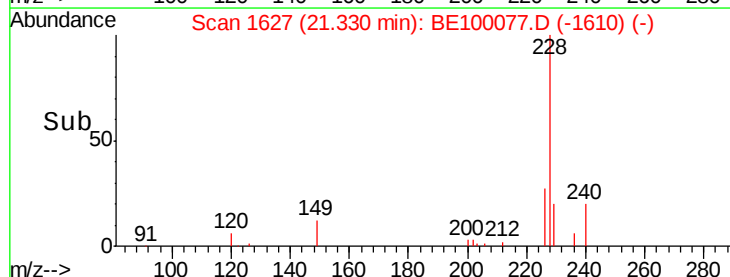
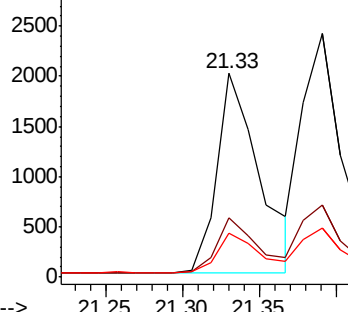
229 21.5 16.4 24.6

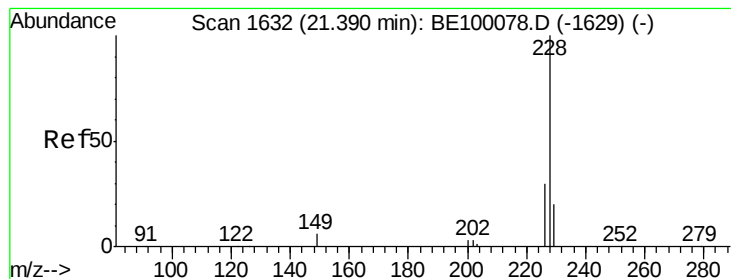


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.209 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

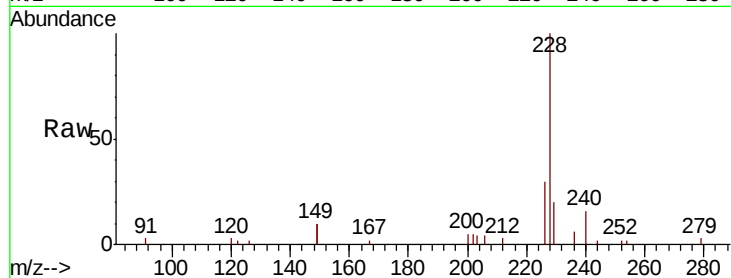
Tot Ion:228 Resp: 4420

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

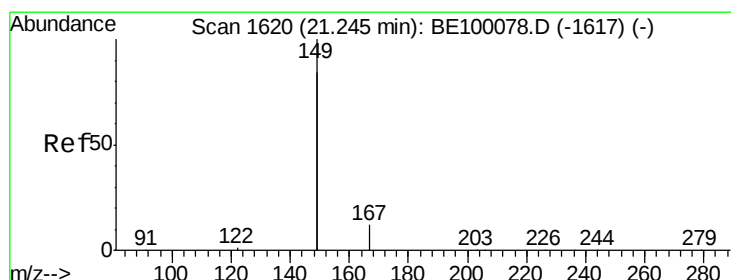
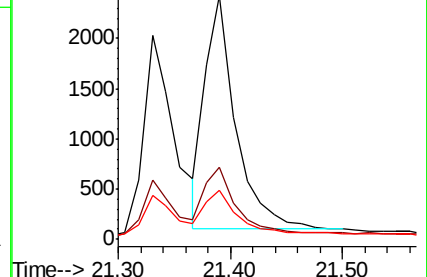
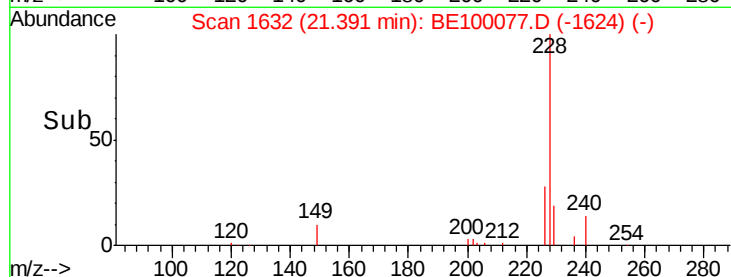
229 20.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.115 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

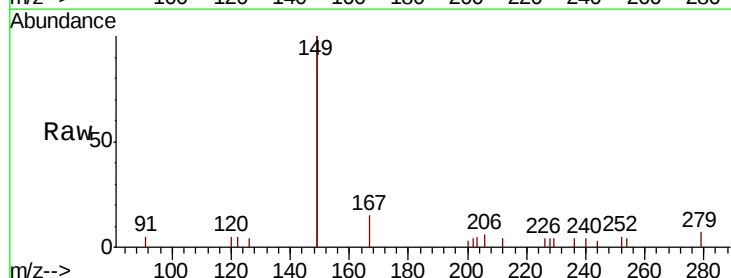
Tgt Ion:149 Resp: 2997

Ion Ratio Lower Upper

149 100

167 7.5 5.8 8.6

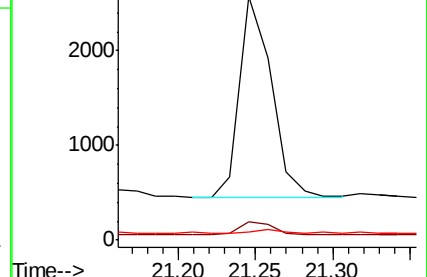
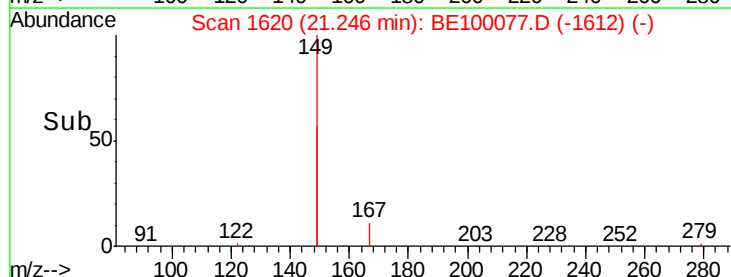
279 2.0 1.1 1.7#

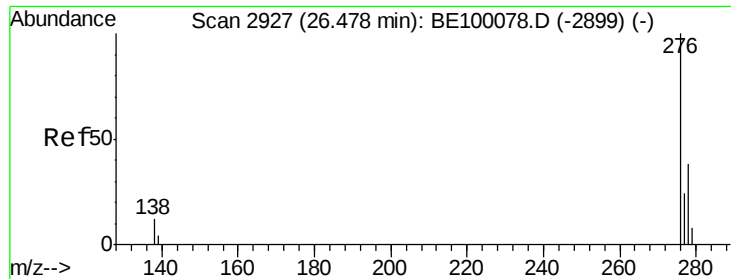


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

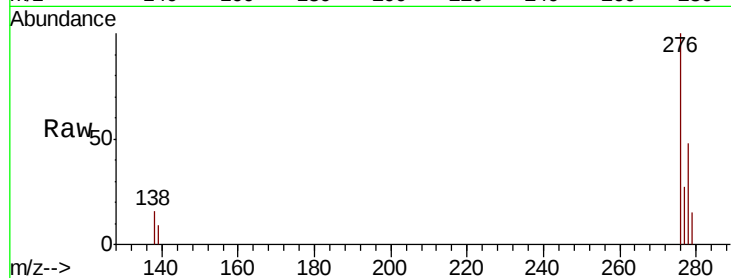




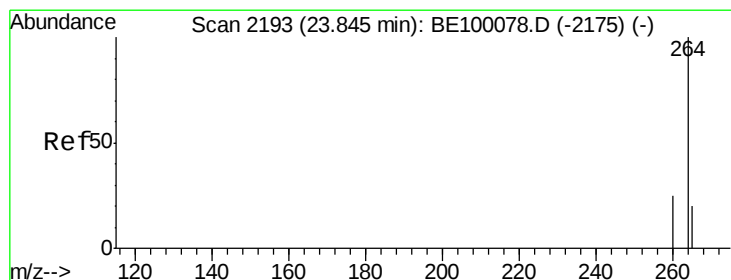
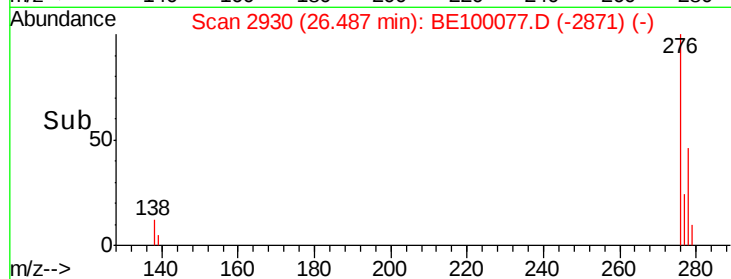
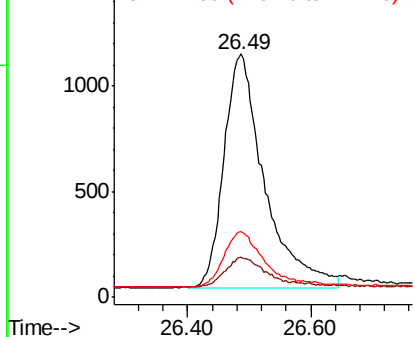
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.202 ng
 RT: 26.49 min Scan# 2930
 Delta R.T. 0.01 min
 Lab File: BE100077.D
 Acq: 19 Jun 2019 10:08

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Tot Ion:276 Resp: 5061
 Ion Ratio Lower Upper
 276 100
 138 13.3 4.3 6.5#
 277 23.7 19.4 29.0

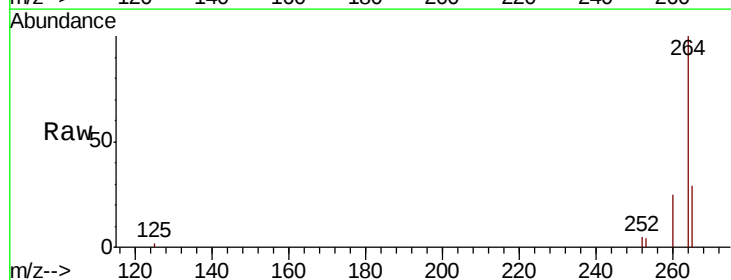


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

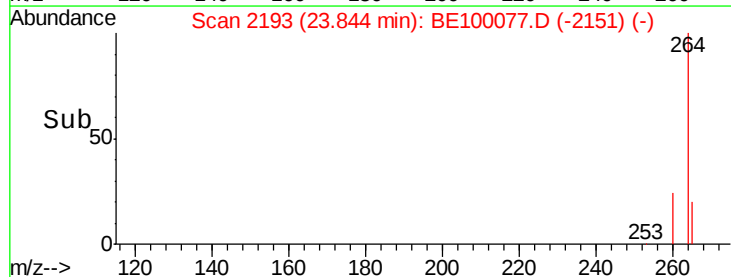
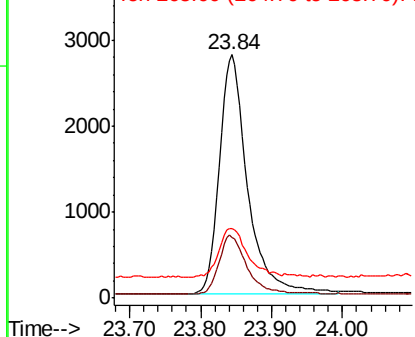


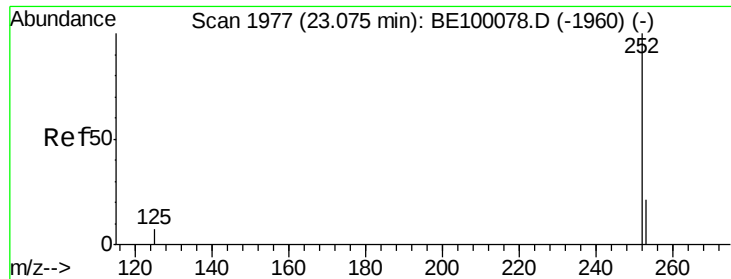
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.84 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: BE100077.D
 Acq: 19 Jun 2019 10:08

Tgt Ion:264 Resp: 7644
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.8 31.2
 265 28.8 23.2 34.8



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: 0.207 ng

RT: 23.12 min Scan# 1991

Delta R.T. 0.05 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

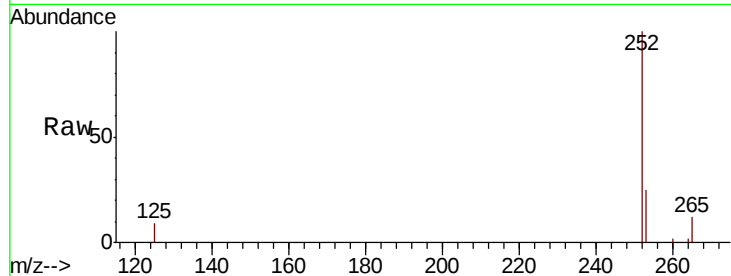
Tot Ion:252 Resp: 4555

Ion Ratio Lower Upper

252 100

253 25.2 18.4 27.6

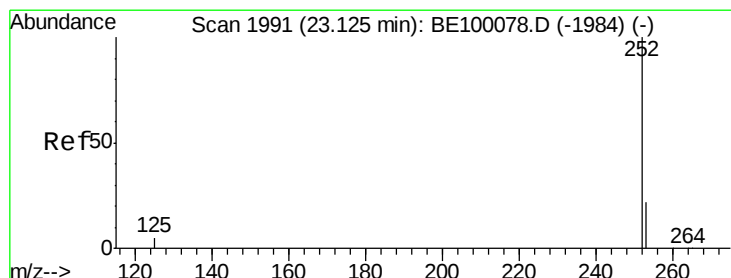
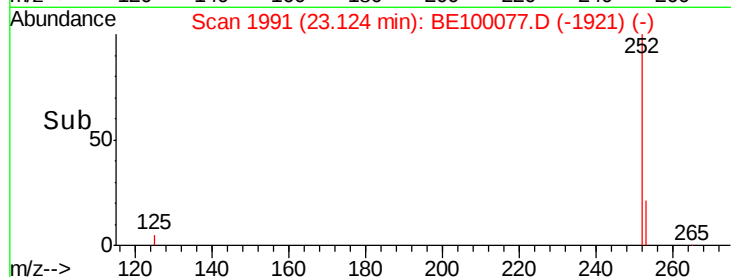
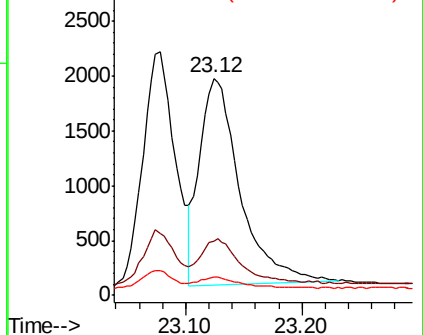
125 8.6 6.4 9.6



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



#36

Benzo(k)fluoranthene

Concen: 0.191 ng

RT: 23.12 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

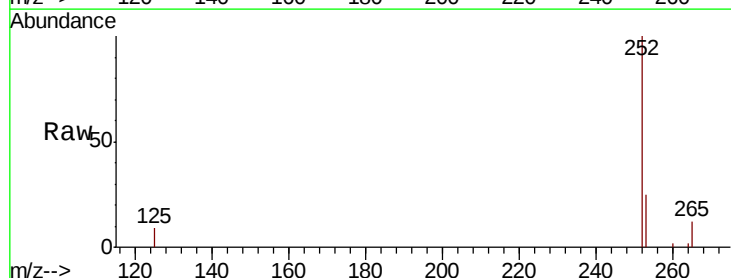
Tgt Ion:252 Resp: 4555

Ion Ratio Lower Upper

252 100

253 25.2 18.9 28.3

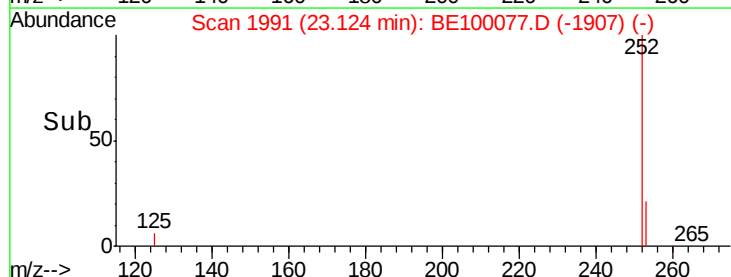
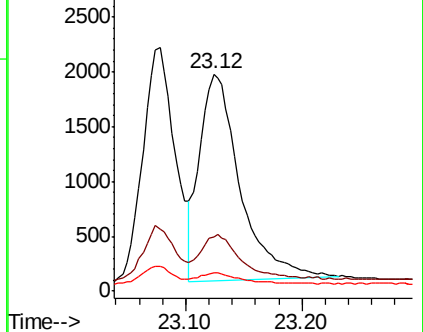
125 8.6 5.3 7.9#

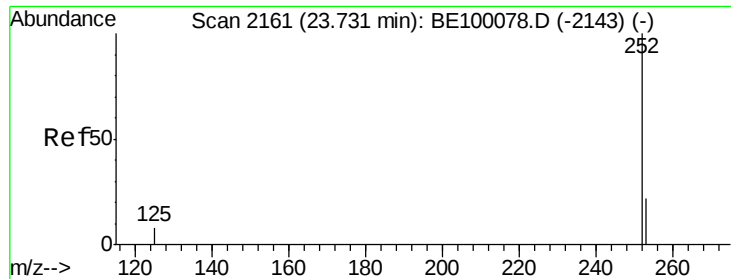


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.188 ng

RT: 23.73 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

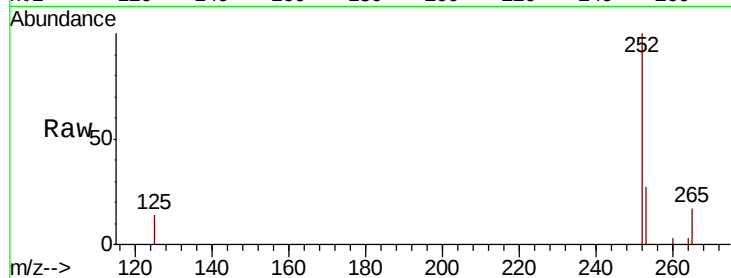
Tot Ion:252 Resp: 4114

Ion Ratio Lower Upper

252 100

253 27.5 19.4 29.2

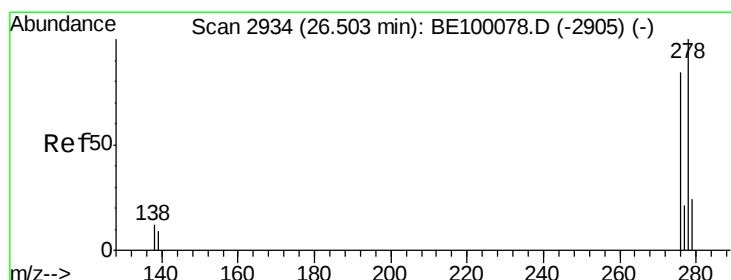
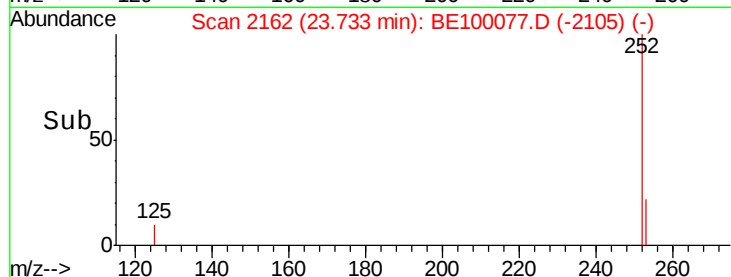
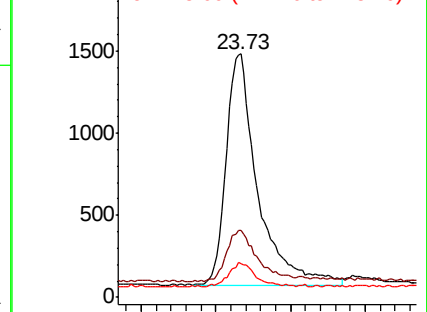
125 13.7 8.0 12.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.182 ng

RT: 26.51 min Scan# 2937

Delta R.T. 0.01 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

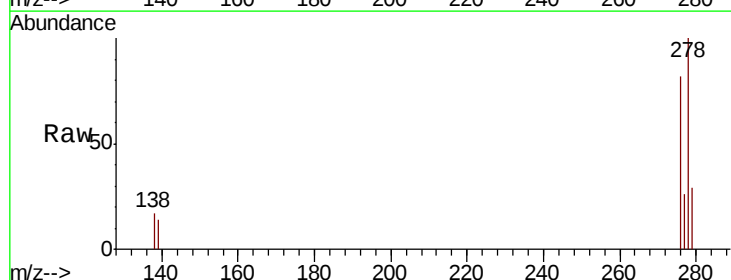
Tgt Ion:278 Resp: 3877

Ion Ratio Lower Upper

278 100

139 14.3 9.0 13.6#

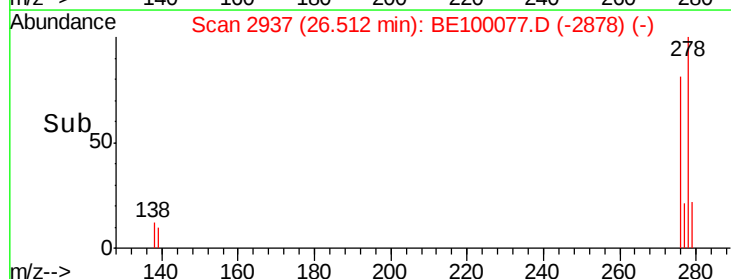
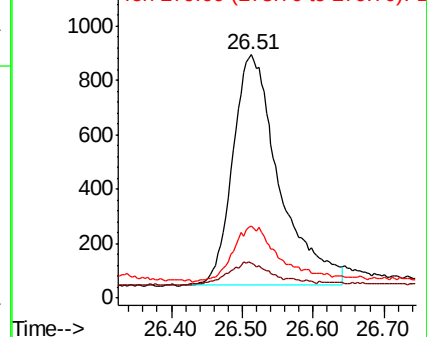
279 29.5 21.4 32.0

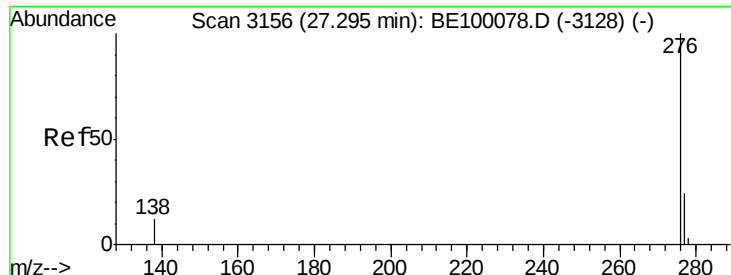


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.190 ng

RT: 27.29 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BE100077.D

Acq: 19 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

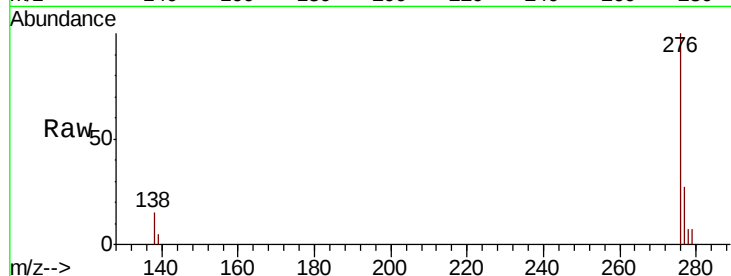
Tot Ion: 276 Resp: 4294

Ion Ratio Lower Upper

276 100

277 27.1 20.3 30.5

138 15.4 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

