

Data File : BM013941.D
Acq On : 29 Jan 2018 02:25
Operator : SJ/JU
Sample : J1245-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B68

Quant Time: Jan 29 04:06:35 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	196480	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	790673	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	451311	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	913382	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	742734	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	759098	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	21485	4.32	ng/uL	0.00
5) Phenol-d5	6.76	99	551787	36.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	331046	36.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	463138	37.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	353472	30.48	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	230815	37.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	258940	39.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	452331	36.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	307602	28.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1365099	36.70	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1725902	36.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	143313	23.71	ng/ul	0.00
57) Fluorene-d10	15.23	176	1173011	35.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	164044	29.84	ng/ul	0.00
70) Anthracene-d10	17.09	188	1677579	37.71	ng/ul	0.00
76) Pyrene-d10	19.39	212	1626402	47.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	1350478	38.71	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.79	94	68192	4.51	ng/ul#	83
24) 2,4-Dimethylphenol	9.54	107	27634	1.94	ng/ul#	34
32) Caprolactam	11.37	113	61764	18.40	ng/ul	81
34) 2-Methylnaphthalene	12.02	142	268074	9.14	ng/ul	95
44) Dimethylphthalate	13.70	163	298650	8.17	ng/ul	100
45) 2,6-Dinitrotoluene	13.84	165	9120	1.29	ng/ul#	30
48) 3-Nitroaniline	14.19	138	7858	1.41	ng/ul#	39
54) 2,4-Dinitrotoluene	14.64	165	26476	2.56	ng/ul#	78
58) Fluorene	15.29	166	57644	1.56	ng/ul#	79
64) N-Nitrosodiphenylamine	15.40	169	55464	2.06	ng/ul	90
68) Pentachlorophenol	16.65	266	31178	5.05	ng/ul#	86
69) Phenanthrene	17.03	178	217535	4.28	ng/ul#	93
77) Pyrene	19.42	202	54511	1.21	ng/ul#	88

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

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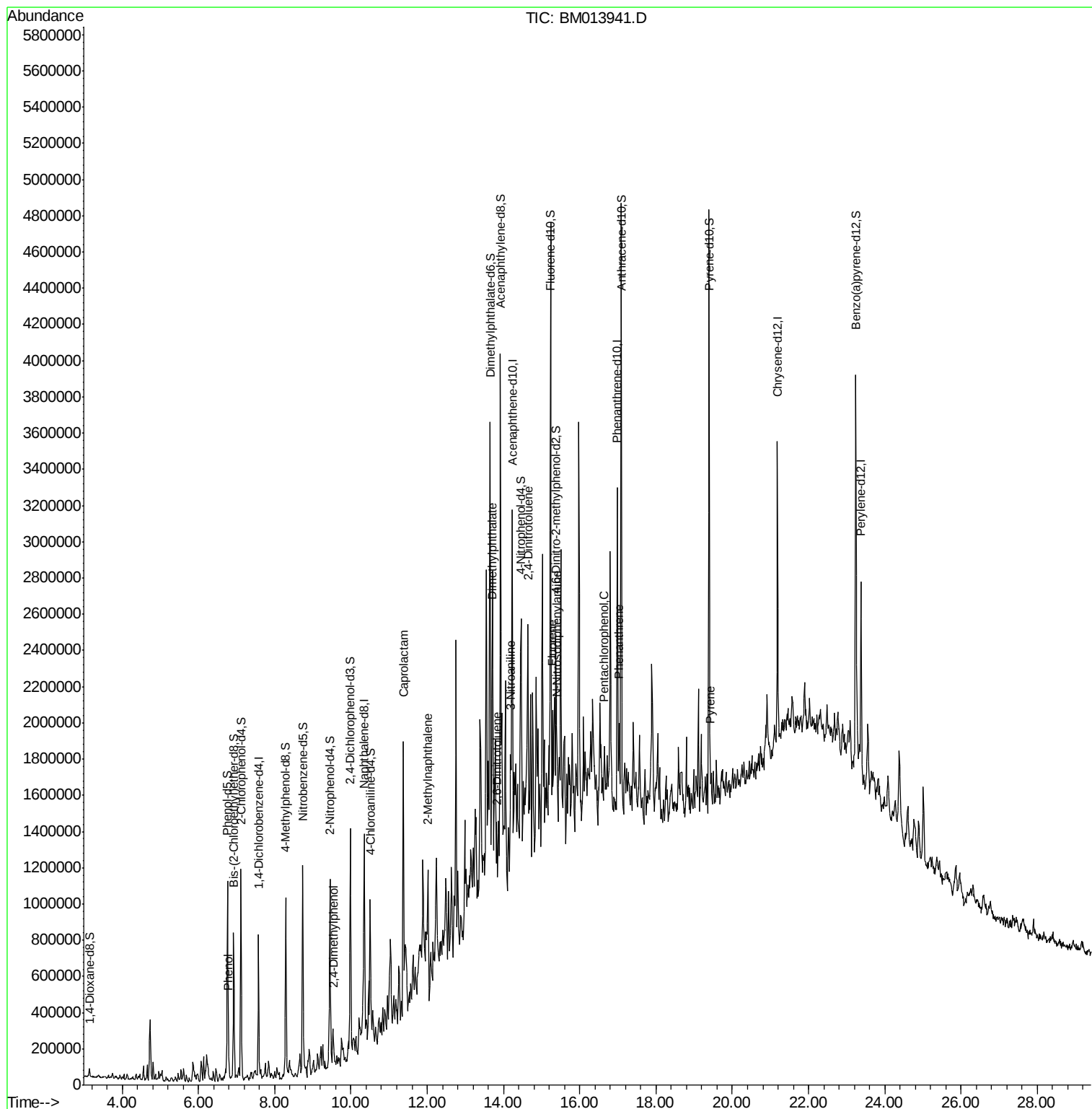
Quant Time: Jan 29 04:06:35 2018

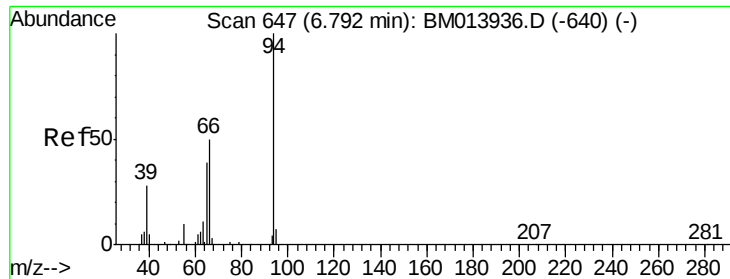
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jan 29 04:03:39 2018

Response via : Initial Calibration





#6

Phenol

Concen: 4.51 ng/ul

RT: 6.79 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM013941.D

Acq: 29 Jan 2018 02:25

Instrument :

BNA_M

ClientSampled :

F6B68

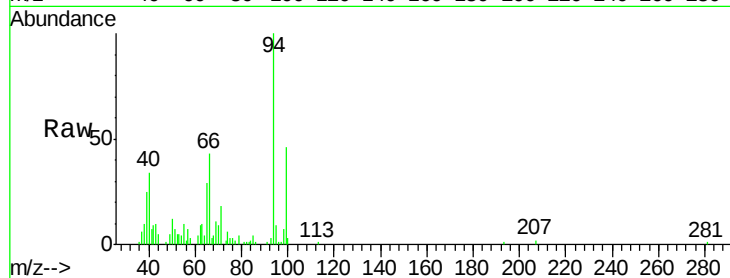
Tgt Ion: 94 Resp: 68192

Ion Ratio Lower Upper

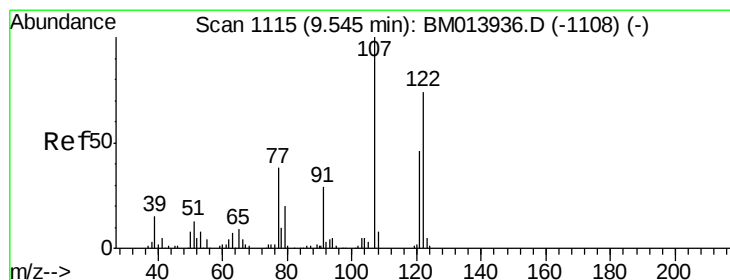
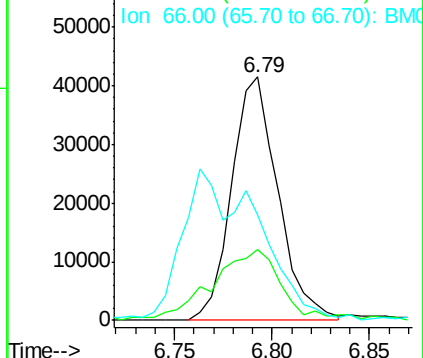
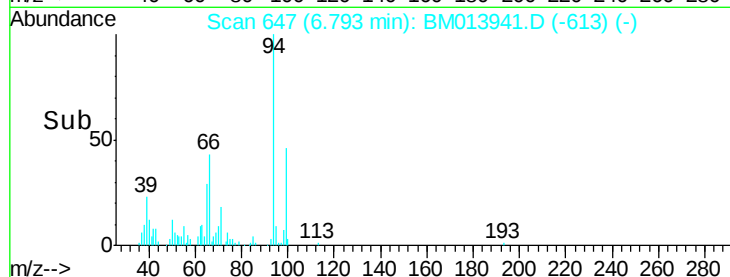
94 100

65 29.3 28.2 42.4

66 43.2 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013941.D (-613) (-)



#24

2,4-Dimethylphenol

Concen: 1.94 ng/ul

RT: 9.54 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BM013941.D

Acq: 29 Jan 2018 02:25

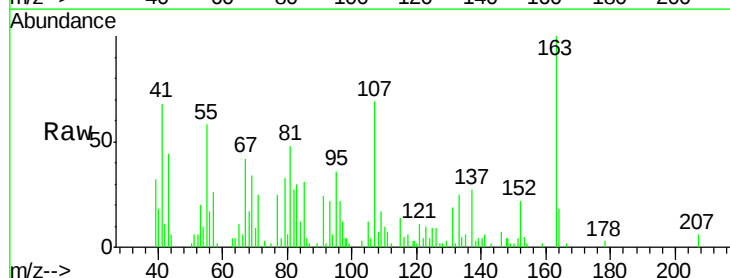
Tgt Ion: 107 Resp: 27634

Ion Ratio Lower Upper

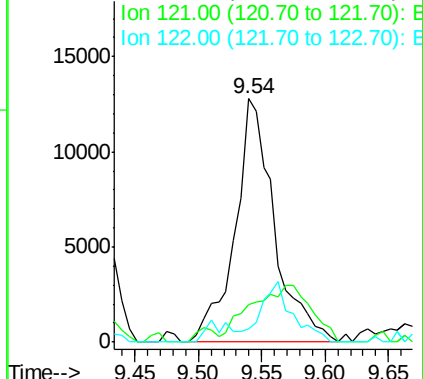
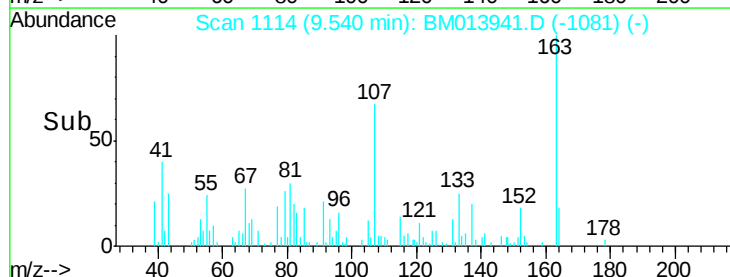
107 100

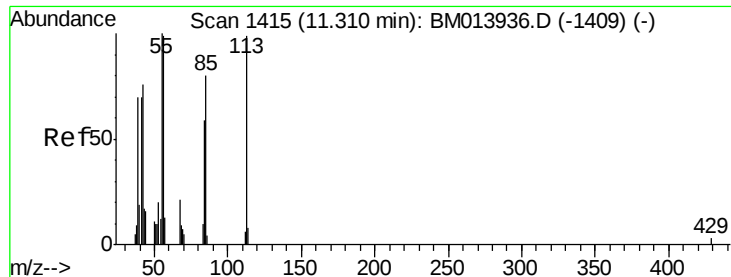
121 15.3 31.9 47.9#

122 5.5 57.8 86.6#



Abundance Ion 107.00 (106.70 to 107.70): BM013941.D (-1081) (-)





#32

Caprolactam

Concen: 18.40 ng/ul

RT: 11.37 min Scan# 1426

Delta R.T. 0.06 min

Lab File: BM013941.D

Acq: 29 Jan 2018 02:25

Instrument :

BNA_M

ClientSampleId :

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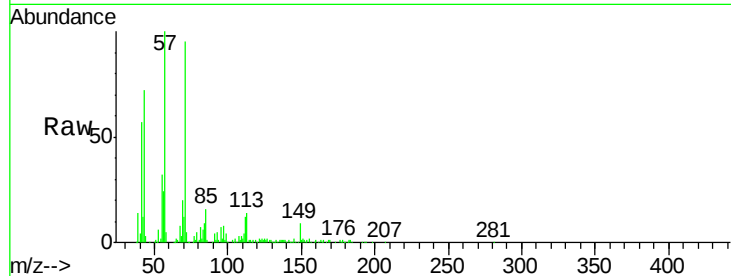
Tgt Ion:113 Resp: 61764

Ion Ratio Lower Upper

113 100

55 228.3 208.0 312.0

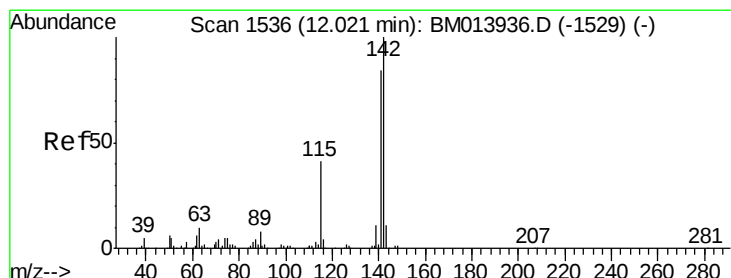
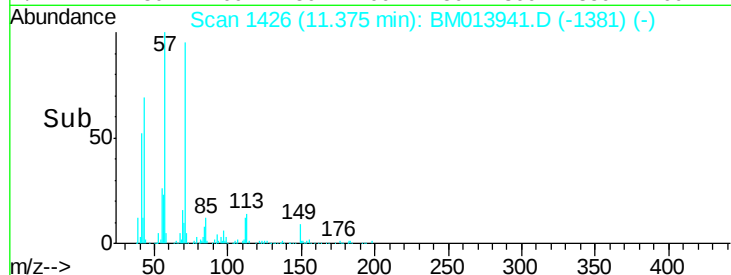
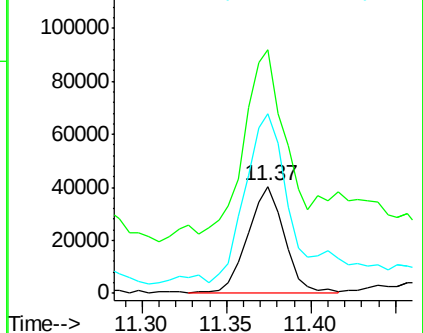
56 168.6 160.0 240.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#34

2-Methylnaphthalene

Concen: 9.14 ng/ul

RT: 12.02 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BM013941.D

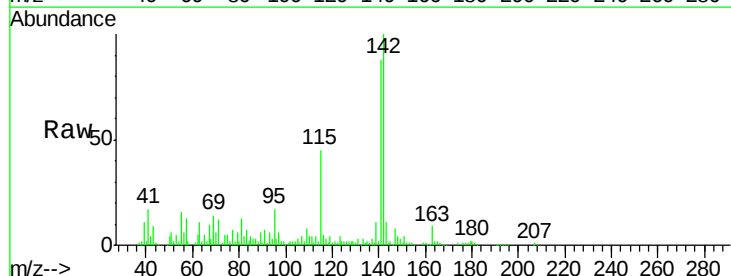
Acq: 29 Jan 2018 02:25

Tgt Ion:142 Resp: 268074

Ion Ratio Lower Upper

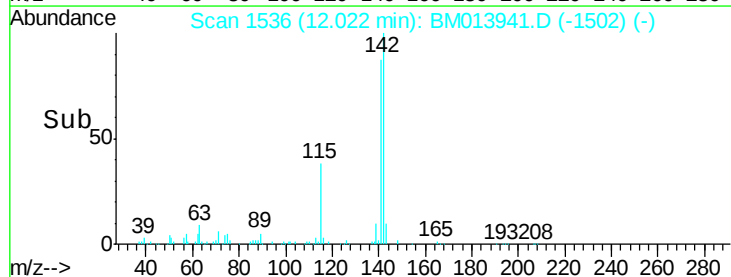
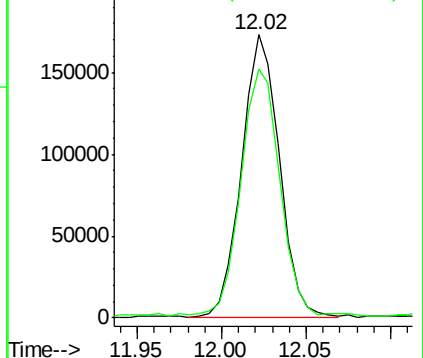
142 100

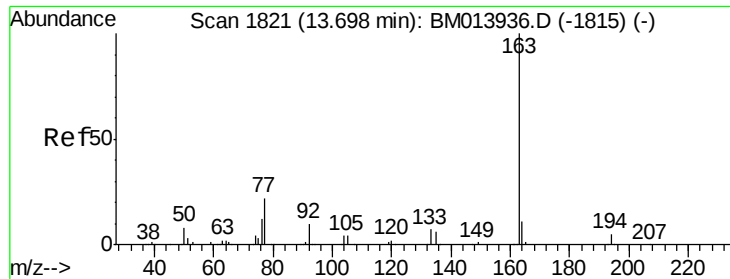
141 87.8 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

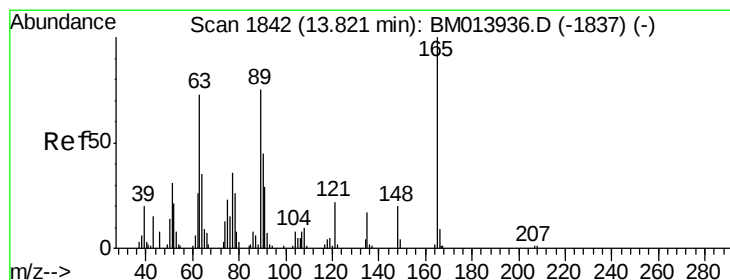
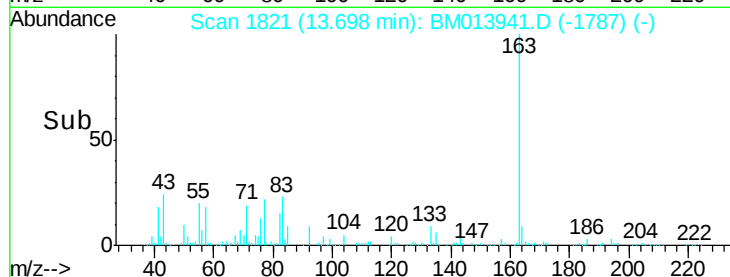
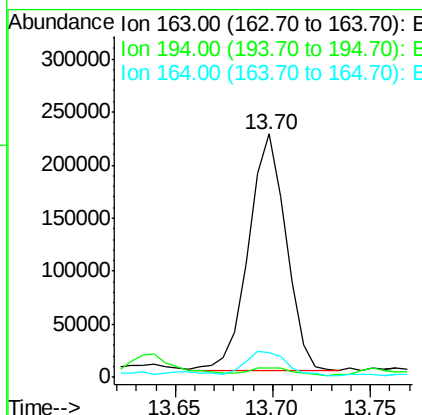
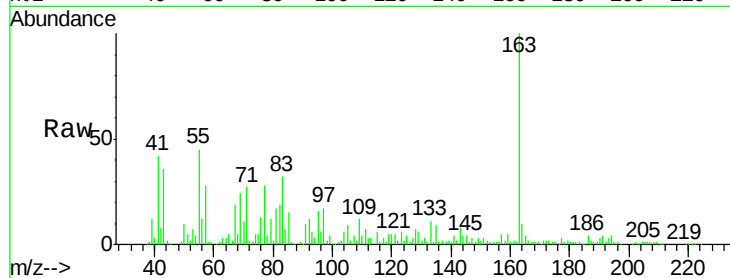




#44
 Dimethylphthalate
 Concen: 8.17 ng/ul
 RT: 13.70 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BM013941.D
 Acq: 29 Jan 2018 02:25

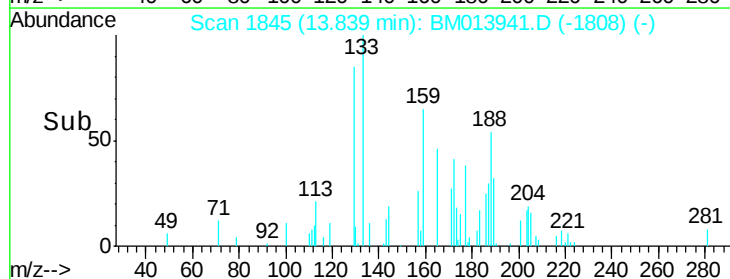
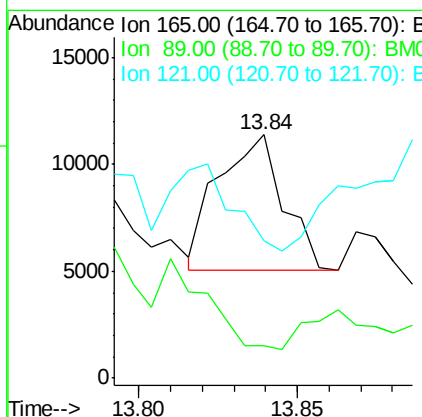
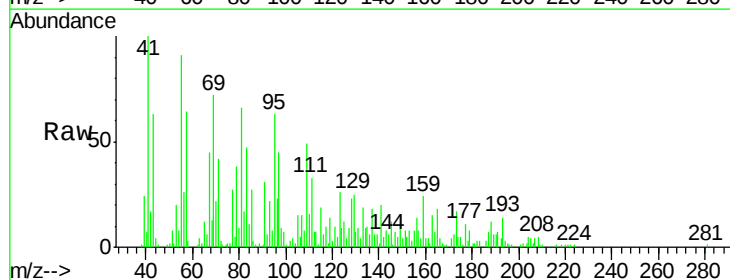
Instrument :
 BNA_M
 ClientSampleId :
 F6B68

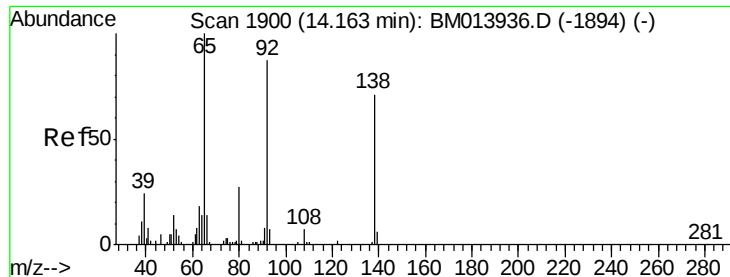
Tgt Ion:163 Resp: 298650
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.5 5.3
 164 10.3 8.2 12.4



#45
 2,6-Dinitrotoluene
 Concen: 1.29 ng/ul
 RT: 13.84 min Scan# 1845
 Delta R.T. 0.02 min
 Lab File: BM013941.D
 Acq: 29 Jan 2018 02:25

Tgt Ion:165 Resp: 9120
 Ion Ratio Lower Upper
 165 100
 89 13.1 52.6 79.0#
 121 56.2 14.6 22.0#

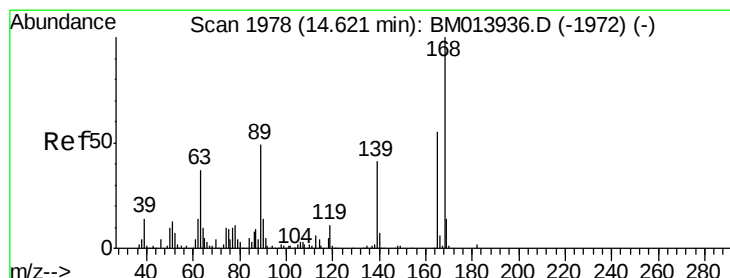
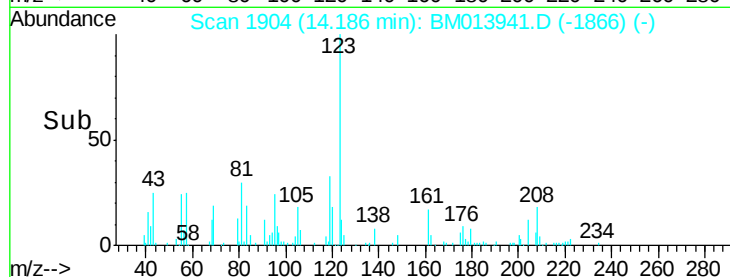
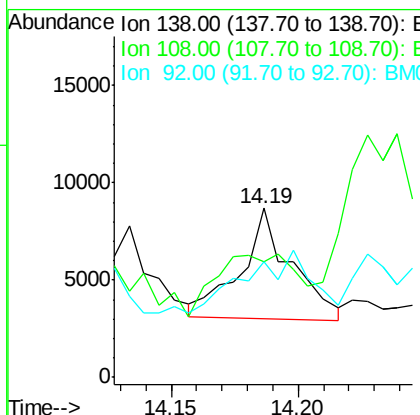
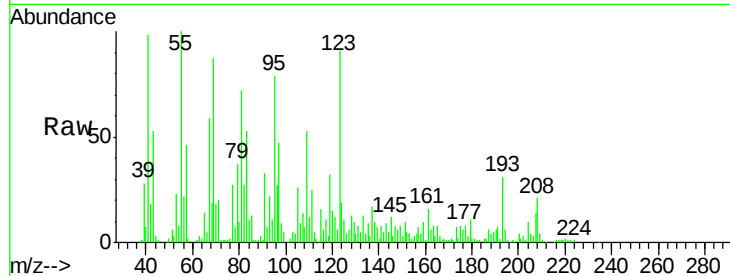




#48
 3-Nitroaniline
 Concen: 1.41 ng/ul
 RT: 14.19 min Scan# 1904
 Delta R.T. 0.02 min
 Lab File: BM013941.D
 Acq: 29 Jan 2018 02:25

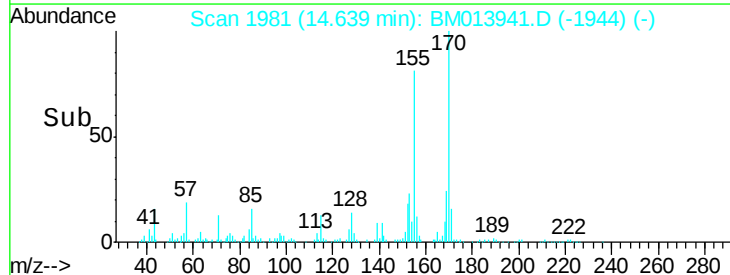
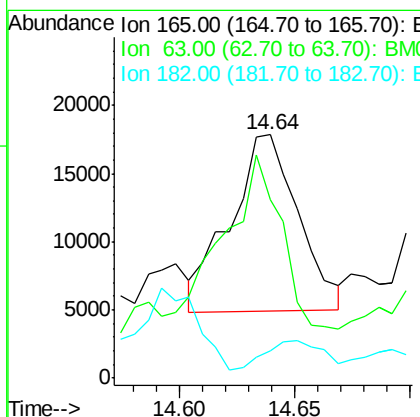
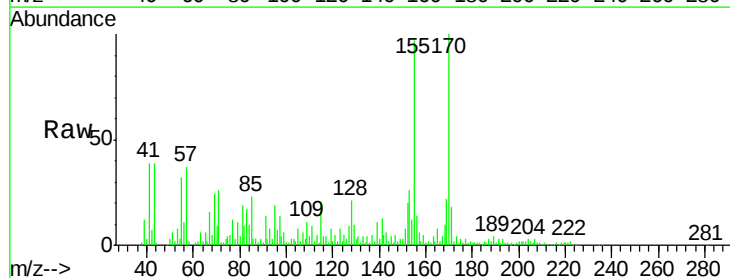
Instrument :
 BNA_M
 ClientSampled :
 F6B68

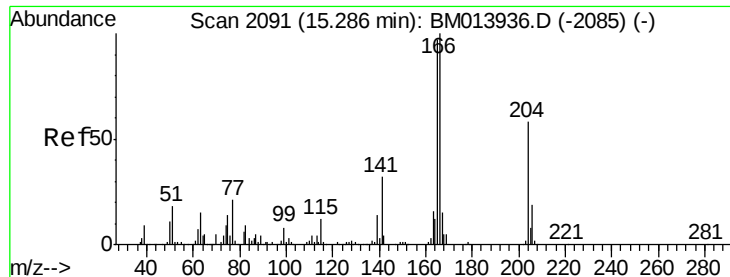
Tgt Ion:138 Resp: 7858
 Ion Ratio Lower Upper
 138 100
 108 68.4 9.9 14.9#
 92 68.6 105.0 157.4#



#54
 2,4-Dinitrotoluene
 Concen: 2.56 ng/ul
 RT: 14.64 min Scan# 1981
 Delta R.T. 0.02 min
 Lab File: BM013941.D
 Acq: 29 Jan 2018 02:25

Tgt Ion:165 Resp: 26476
 Ion Ratio Lower Upper
 165 100
 63 73.4 45.8 68.8#
 182 11.4 2.6 4.0#





#58

Fluorene

Concen: 1.56 ng/ul

RT: 15.29 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BM013941.D

Acq: 29 Jan 2018 02:25

Instrument :

BNA_M

ClientSampleId :

F6B68

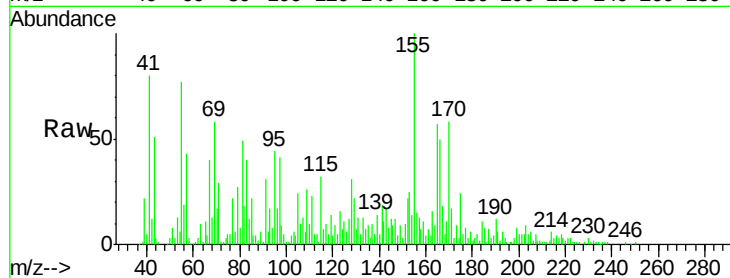
Tgt Ion:166 Resp: 57644

Ion Ratio Lower Upper

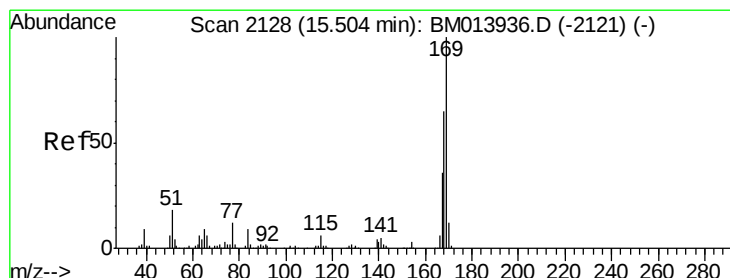
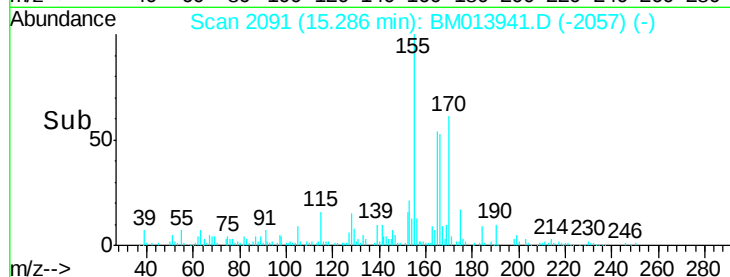
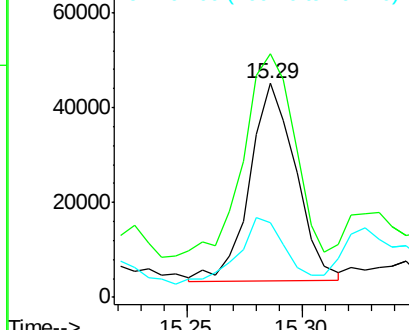
166 100

165 113.9 77.9 116.9

167 34.9 10.6 16.0#



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



#64

N-Nitrosodiphenylamine

Concen: 2.06 ng/ul

RT: 15.40 min Scan# 2111

Delta R.T. -0.10 min

Lab File: BM013941.D

Acq: 29 Jan 2018 02:25

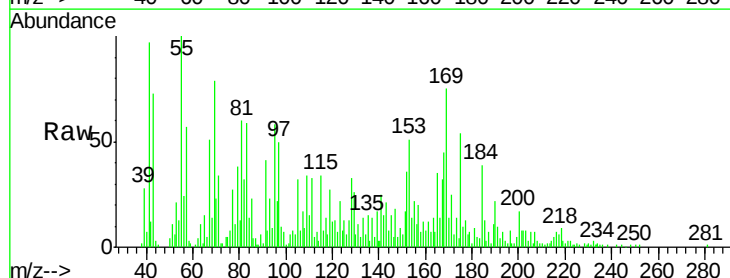
Tgt Ion:169 Resp: 55464

Ion Ratio Lower Upper

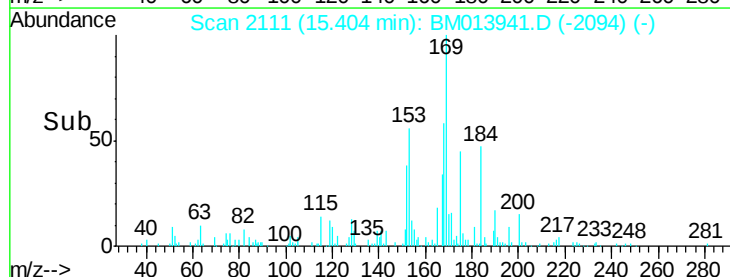
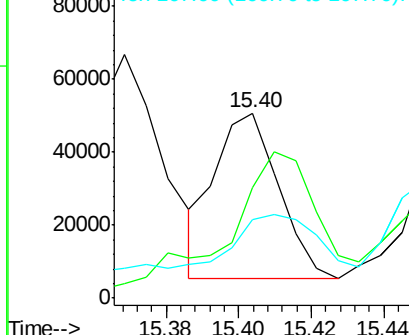
169 100

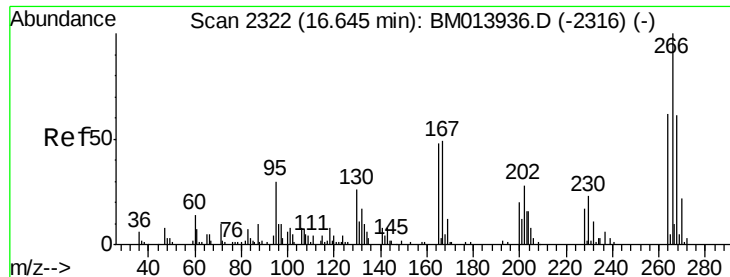
168 59.5 54.0 81.0

167 42.3 29.1 43.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

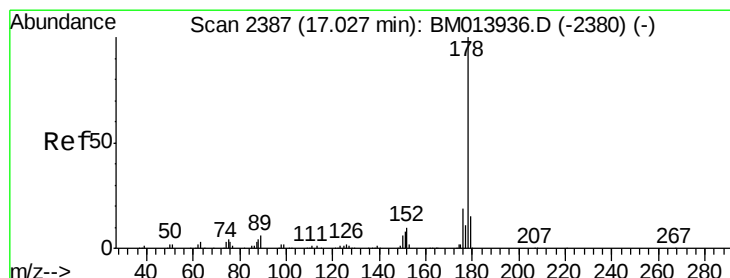
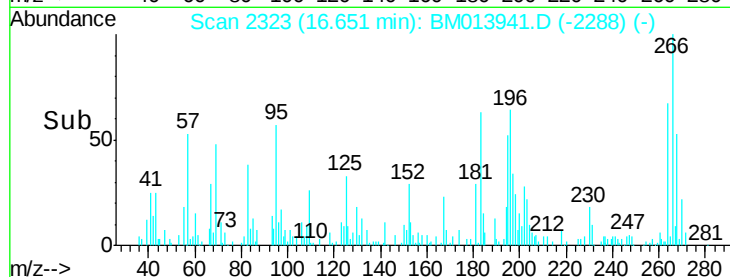
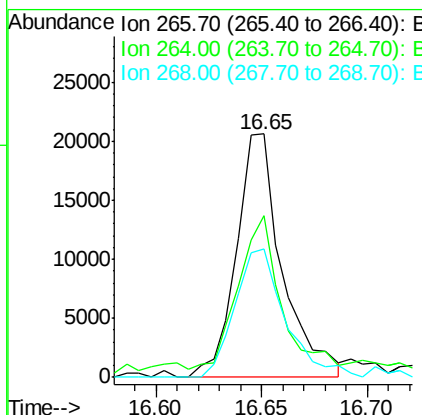
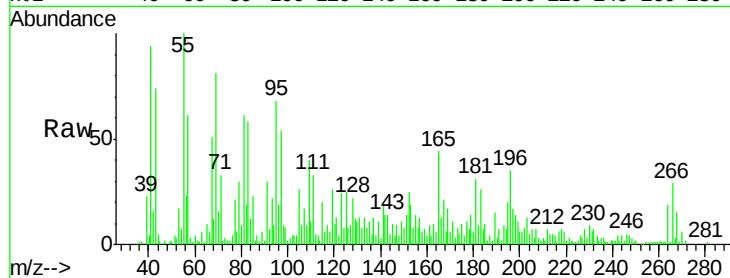




#68
 Pentachlorophenol
 Concen: 5.05 ng/ul
 RT: 16.65 min Scan# 2323
 Delta R.T. 0.01 min
 Lab File: BM013941.D
 Acq: 29 Jan 2018 02:25

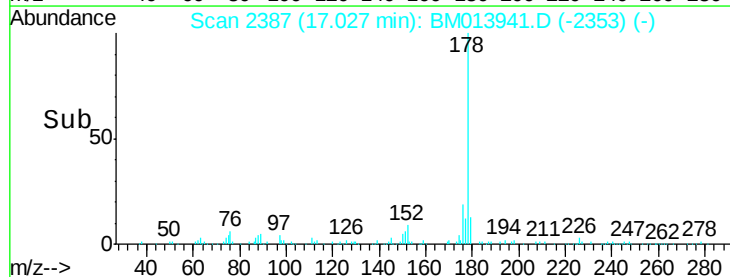
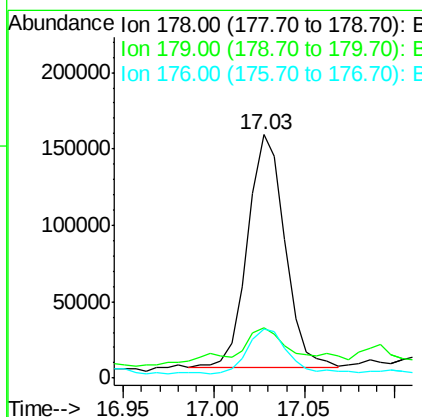
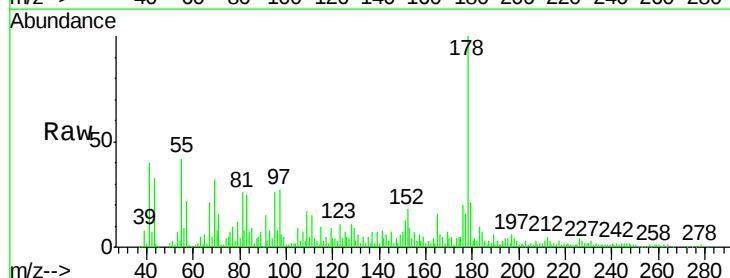
Instrument :
 BNA_M
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 F6B68

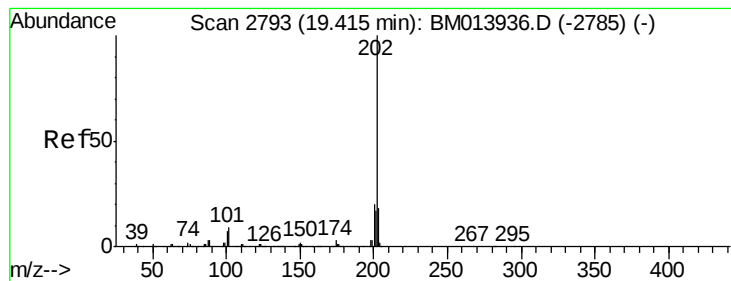
Tgt Ion:266 Resp: 31178
 Ion Ratio Lower Upper
 266 100
 264 70.4 49.3 73.9
 268 52.5 52.6 78.8#



#69
 Phenanthrene
 Concen: 4.28 ng/ul
 RT: 17.03 min Scan# 2387
 Delta R.T. 0.00 min
 Lab File: BM013941.D
 Acq: 29 Jan 2018 02:25

Tgt Ion:178 Resp: 217535
 Ion Ratio Lower Upper
 178 100
 179 20.6 12.6 19.0#
 176 20.0 14.9 22.3





#77

Pyrene

Concen: 1.21 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. 0.01 min

Lab File: BM013941.D

Acq: 29 Jan 2018 02:25

Instrument :

BNA_M

ClientSampleId :

F6B68

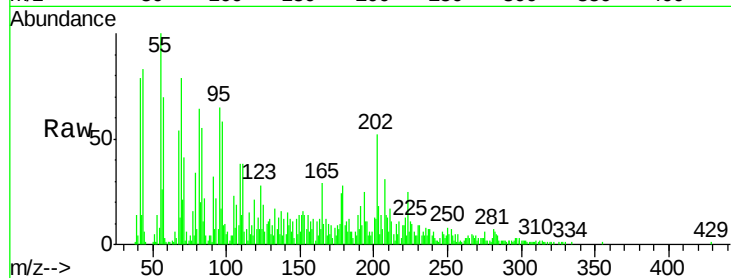
Tgt Ion:202 Resp: 54511

Ion Ratio Lower Upper

202 100

101 11.5 5.1 7.7#

100 9.3 4.9 7.3#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

