

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111319\
 Data File : BM023694.D
 Acq On : 13 Nov 2019 13:31
 Operator : JU
 Sample : K5579-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEJQ6

Quant Time: Nov 13 14:23:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 13:51:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	467570	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	2116150	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1436814	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	2881348	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	2037363	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	2241208	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	69140	6.10	ng/uL	0.00
5) Phenol-d5	6.73	99	455570	10.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	826518	33.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	1006918	32.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	789260	23.21	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	586017	38.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	702363	44.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	1356005	37.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	62291	1.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	4213725	37.61	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	4769289	37.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	1023	0.05	ng/ul	-0.02
58) Fluorene-d10	15.20	176	3577681	36.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	665332	39.92	ng/ul	0.00
71) Anthracene-d10	17.04	188	5235774	38.31	ng/ul	0.00
79) Pyrene-d10	19.35	212	4818885	45.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	4554803	38.62	ng/ul	0.00

Target Compounds

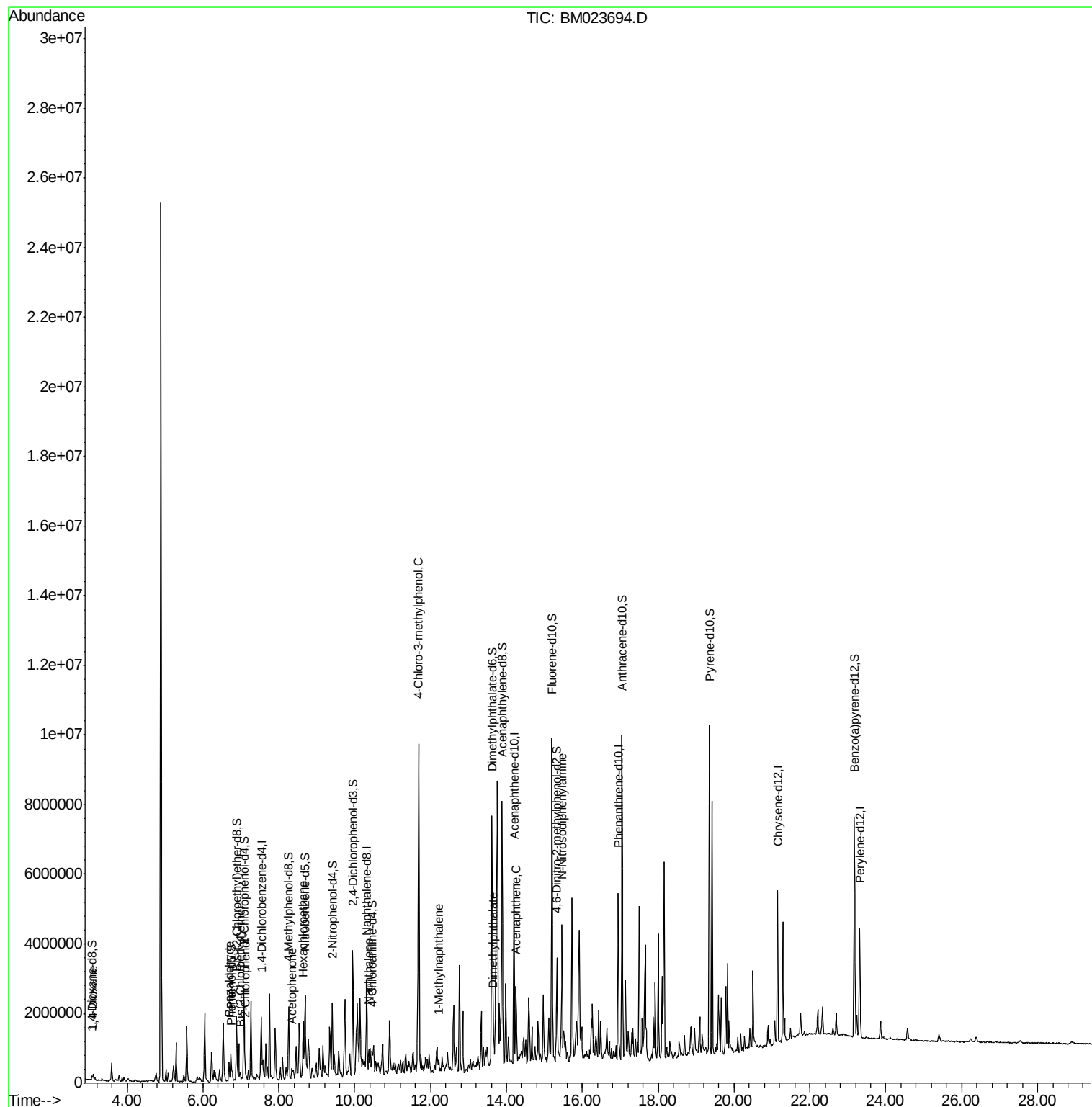
					Qvalue	
2) 1,4-Dioxane	3.10	88	99138	8.157	ng/uL	99
4) Benzaldehyde	6.69	77	31271	1.251	ng/ul#	32
6) Phenol	6.76	94	114209	2.601	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.98	93	116202	3.456	ng/ul	99
10) 2-Chlorophenol	7.11	128	103309	3.245	ng/ul	98
14) Acetophenone	8.35	105	157021	2.961	ng/ul#	35
17) Hexachloroethane	8.65	117	92135	7.294	ng/ul#	2
28) Naphthalene	10.37	128	409597	3.683	ng/ul	99
33) 4-Chloro-3-methylphenol	11.69	107	2233338	57.623	ng/ul#	20
35) 1-Methylnaphthalene	12.21	142	120985	1.442	ng/ul#	99
45) Dimethylphthalate	13.66	163	328132	2.988	ng/ul#	93
50) Acenaphthene	14.26	153	124088	1.358	ng/ul	97
65) N-Nitrosodiphenylamine	15.47	169	1220582	14.438	ng/ul	99

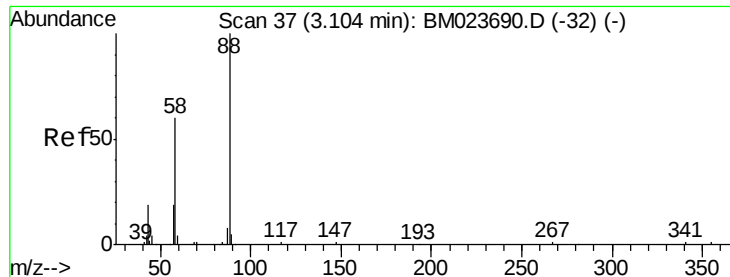
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 8.157 ng/uL

RT: 3.10 min Scan# 37

Delta R.T. 0.00 min

Lab File: BM023694.D

Acq: 13 Nov 2019 13:31

Instrument :

BNA_M

ClientSampleId :

BEJQ6

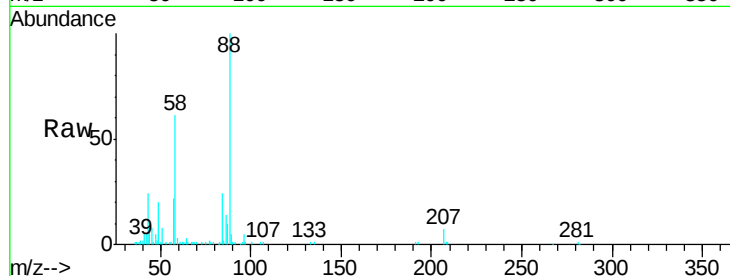
Tgt Ion: 88 Resp: 99138

Ion Ratio Lower Upper

88 100

43 24.2 18.9 28.3

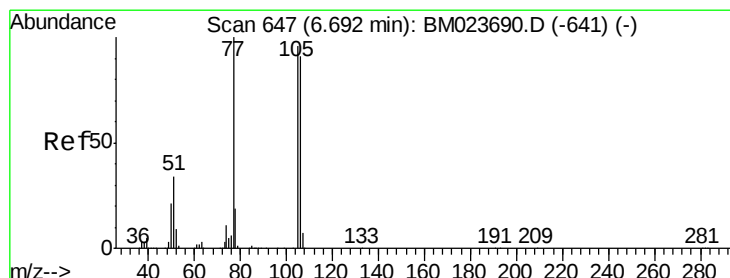
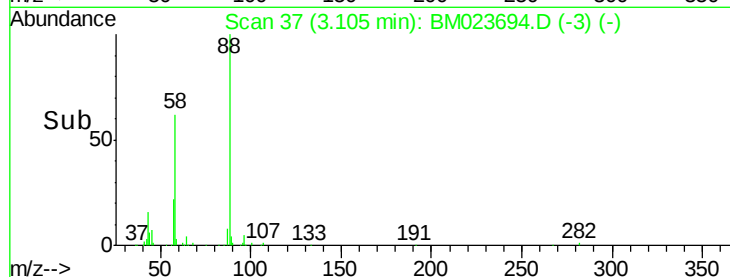
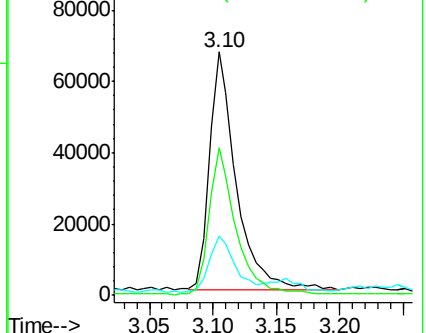
58 60.5 49.1 73.7



Abundance Ion 88.00 (87.70 to 88.70): BM023694.D (-32) (-)

Ion 43.00 (42.70 to 43.70): BM023694.D (-32) (-)

Ion 58.00 (57.70 to 58.70): BM023694.D (-32) (-)



#4

Benzaldehyde

Concen: 1.251 ng/uL

RT: 6.69 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM023694.D

Acq: 13 Nov 2019 13:31

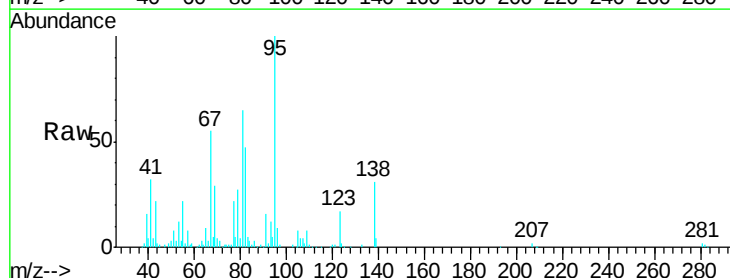
Tgt Ion: 77 Resp: 31271

Ion Ratio Lower Upper

77 100

105 34.0 75.9 113.9#

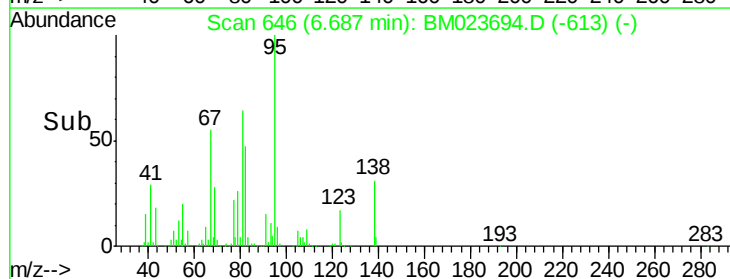
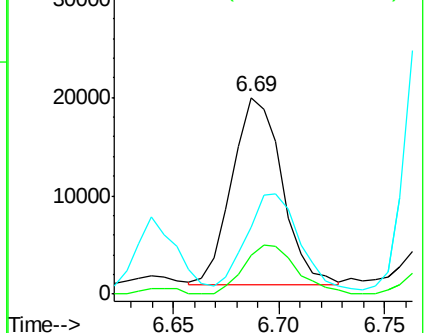
106 20.0 70.2 105.4#

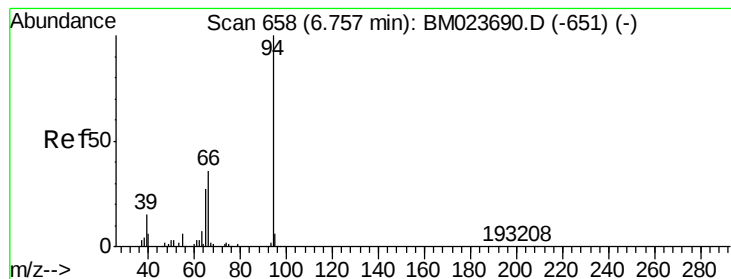


Abundance Ion 77.00 (76.70 to 77.70): BM023694.D (-613) (-)

Ion 105.00 (104.70 to 105.70): BM023694.D (-613) (-)

Ion 106.00 (105.70 to 106.70): BM023694.D (-613) (-)





#6

Phenol

Concen: 2.601 ng/ul

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BM023694.D

Acq: 13 Nov 2019 13:31

Instrument :

BNA_M

ClientSampled :

BEJQ6

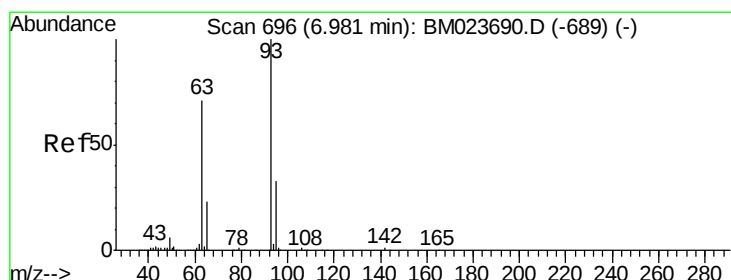
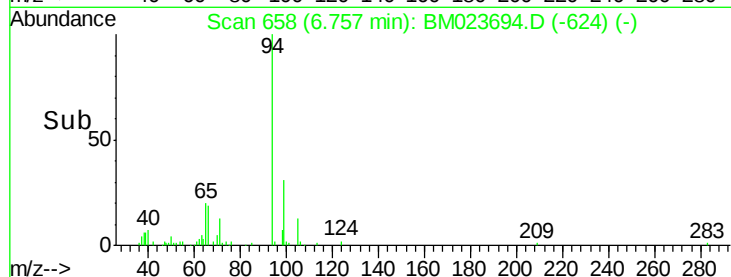
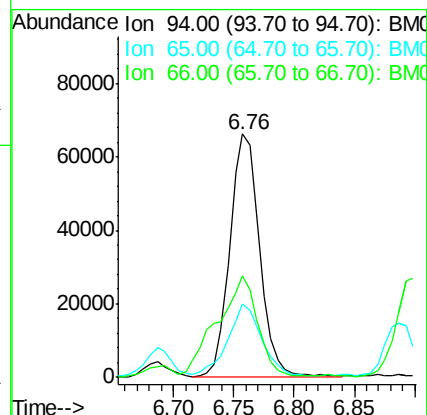
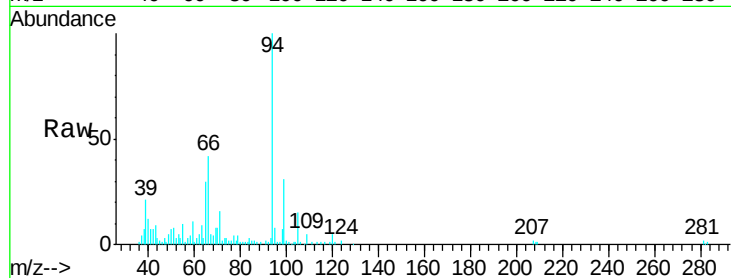
Tgt Ion: 94 Resp: 114209

Ion Ratio Lower Upper

94 100

65 30.1 21.4 32.2

66 41.7 30.7 46.1



#8

Bis(2-Chloroethyl)ether

Concen: 3.456 ng/ul

RT: 6.98 min Scan# 696

Delta R.T. 0.00 min

Lab File: BM023694.D

Acq: 13 Nov 2019 13:31

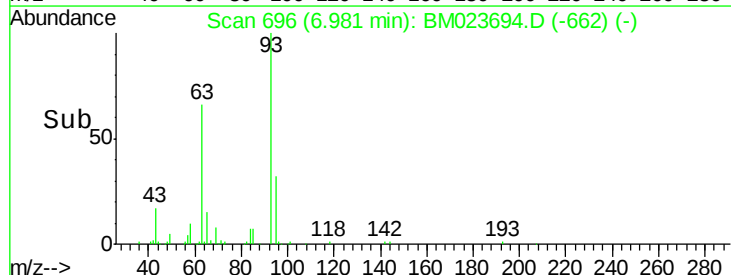
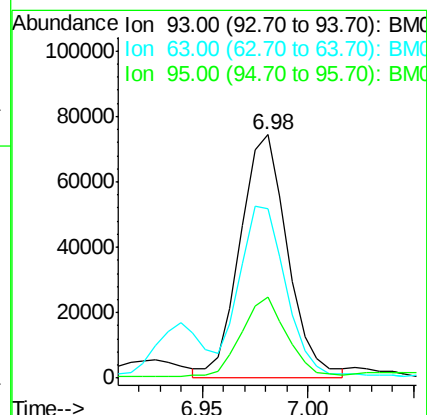
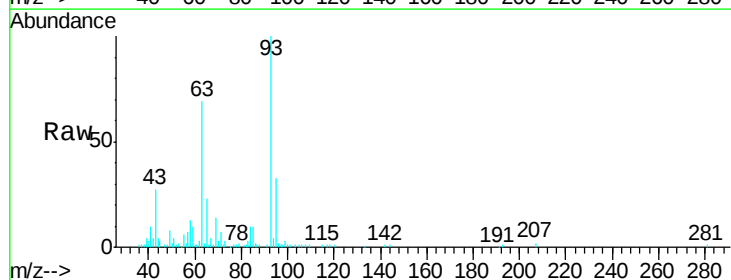
Tgt Ion: 93 Resp: 116202

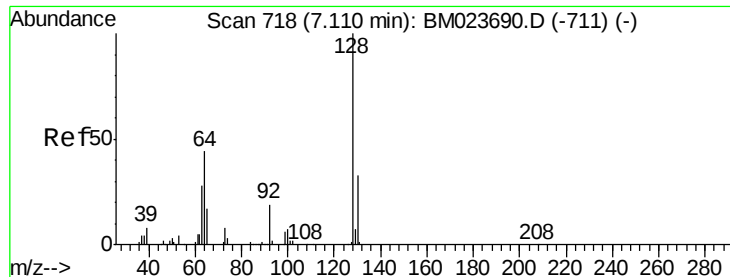
Ion Ratio Lower Upper

93 100

63 69.4 55.4 83.0

95 33.4 26.2 39.4

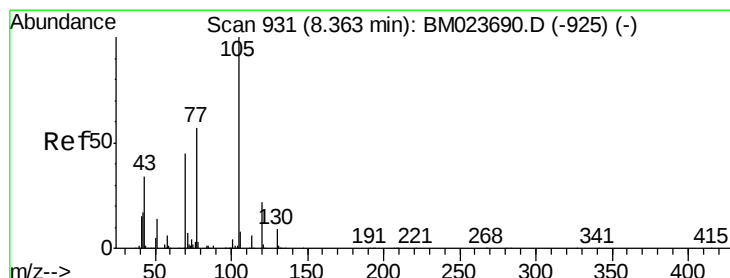
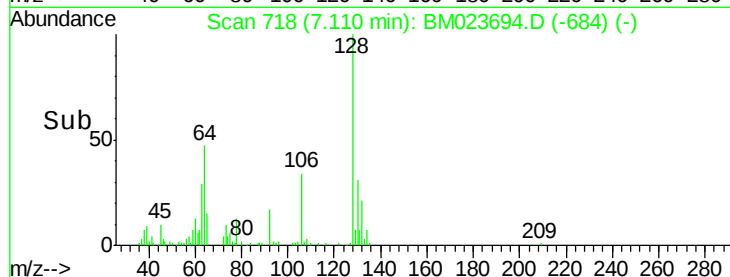
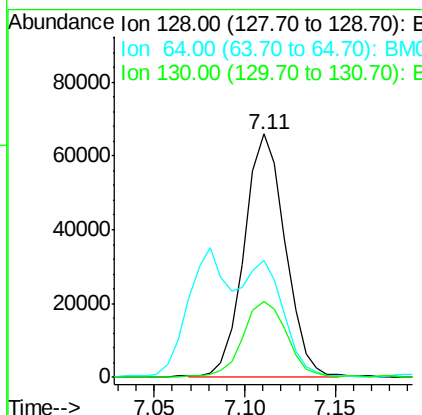
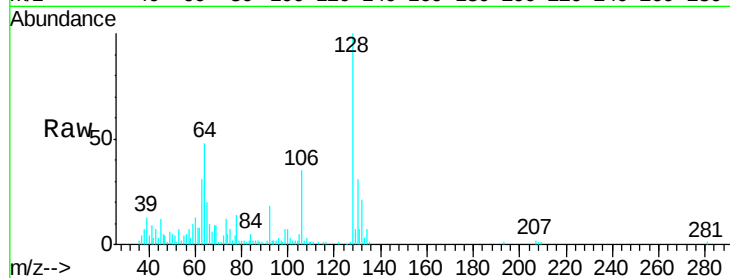




#10
2-Chlorophenol
Concen: 3.245 ng/ul
RT: 7.11 min Scan# 718
Delta R.T. 0.00 min
Lab File: BM023694.D
Acq: 13 Nov 2019 13:31

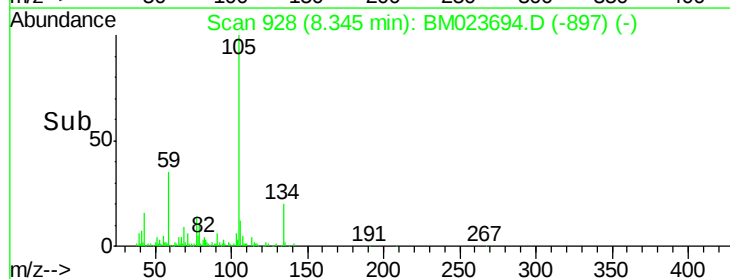
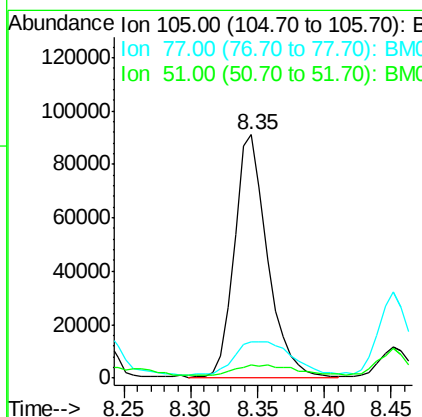
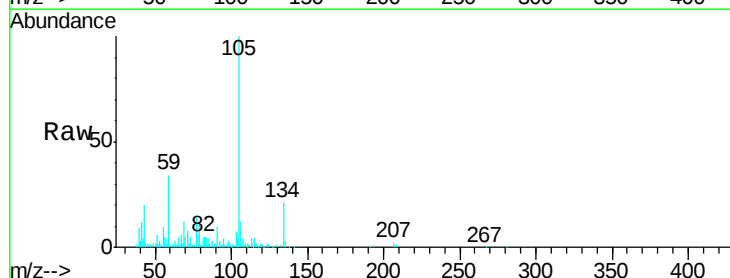
Instrument :
BNA_M
ClientSampleId :
BEJQ6

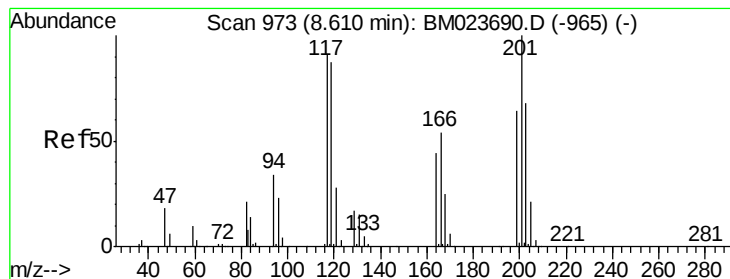
Tgt Ion	Ratio	Lower	Upper
128	100		
64	47.8	38.1	57.1
130	31.1	26.4	39.6



#14
Acetophenone
Concen: 2.961 ng/ul
RT: 8.35 min Scan# 928
Delta R.T. -0.02 min
Lab File: BM023694.D
Acq: 13 Nov 2019 13:31

Tgt Ion	Ratio	Lower	Upper
105	100		
77	15.1	63.8	95.6#
51	5.7	16.3	24.5#





#17

Hexachloroethane

Concen: 7.294 ng/ul

RT: 8.65 min Scan# 979

Delta R.T. 0.04 min

Lab File: BM023694.D

Acq: 13 Nov 2019 13:31

Instrument :

BNA_M

ClientSampleId :

BEJQ6

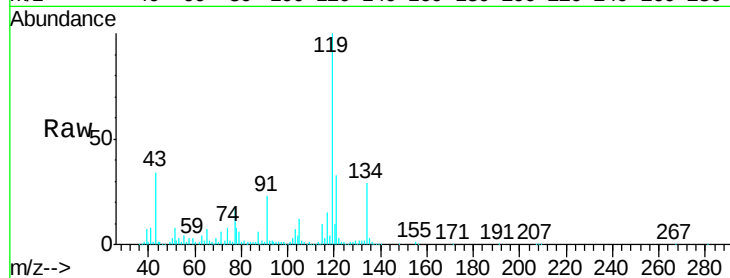
Tgt Ion:117 Resp: 92135

Ion Ratio Lower Upper

117 100

201 0.0 90.0 135.0#

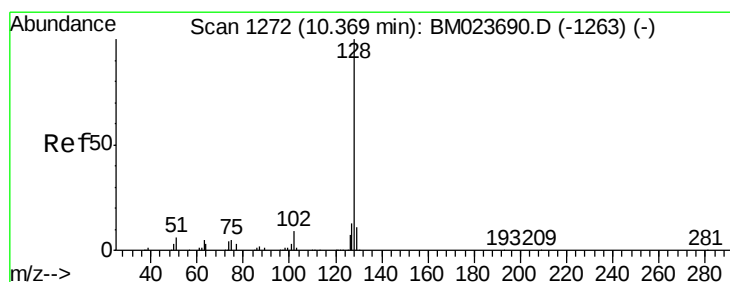
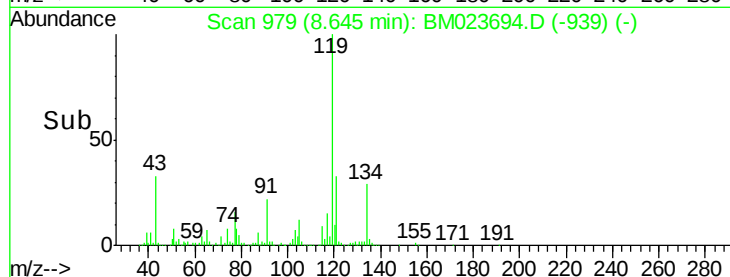
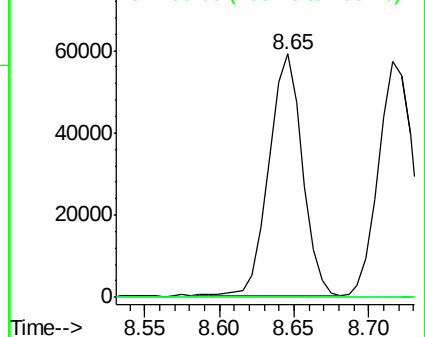
199 0.0 57.0 85.4#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#28

Naphthalene

Concen: 3.683 ng/ul

RT: 10.37 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BM023694.D

Acq: 13 Nov 2019 13:31

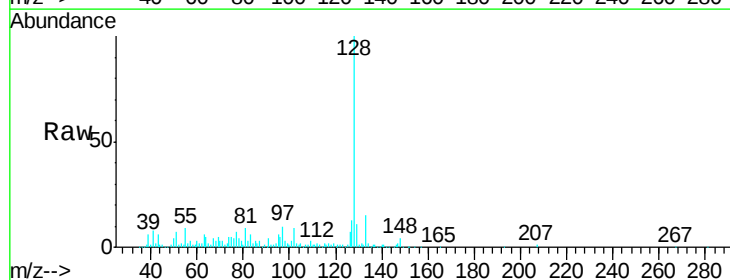
Tgt Ion:128 Resp: 409597

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

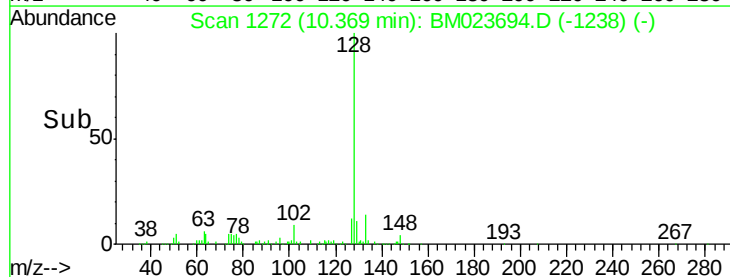
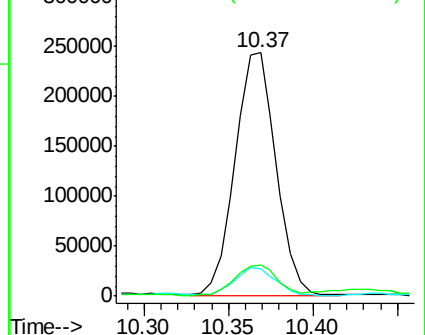
127 13.0 10.6 16.0

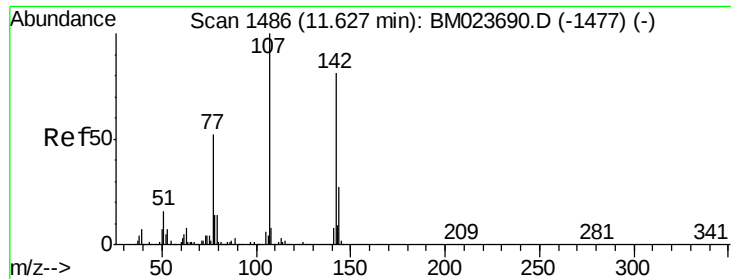


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

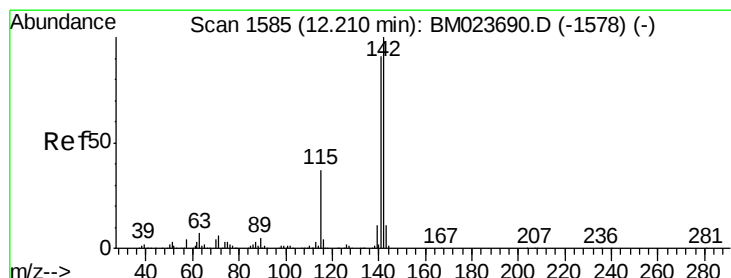
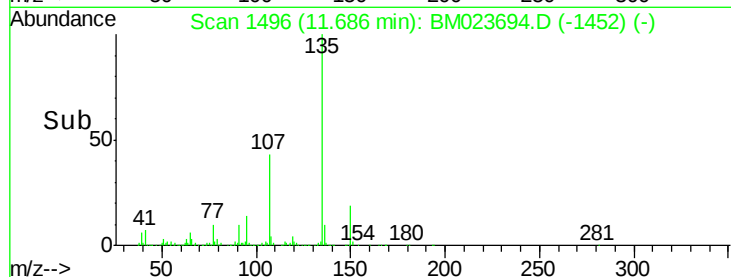
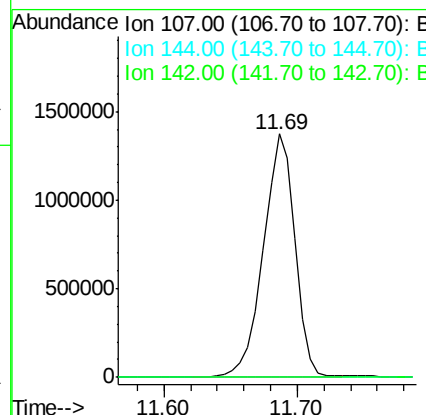
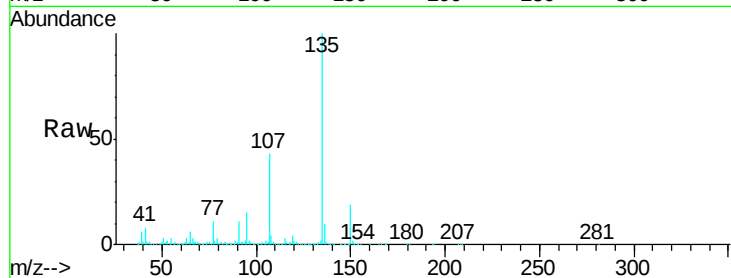




#33
 4-Chloro-3-methylphenol
 Concen: 57.623 ng/ul
 RT: 11.69 min Scan# 1496
 Delta R.T. 0.06 min
 Lab File: BM023694.D
 Acq: 13 Nov 2019 13:31

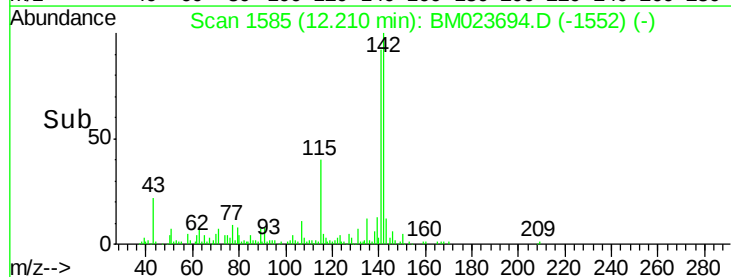
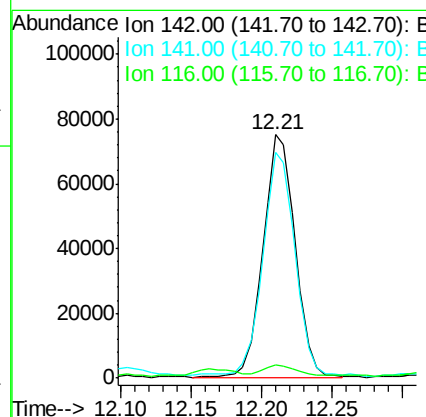
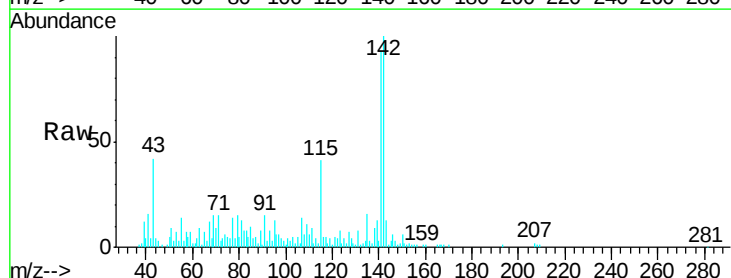
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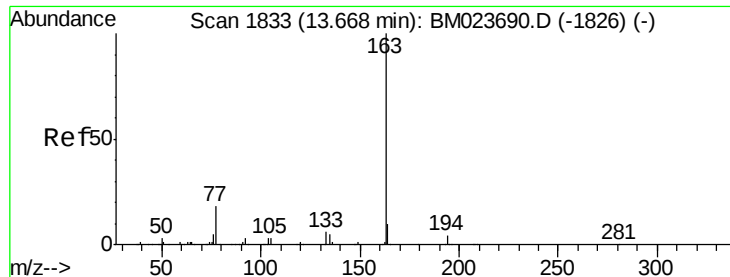
Tgt Ion:107 Resp: 2233338
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.6 30.8#
 142 0.0 62.9 94.3#



#35
 1-Methylnaphthalene
 Concen: 1.442 ng/ul
 RT: 12.21 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BM023694.D
 Acq: 13 Nov 2019 13:31

Tgt Ion:142 Resp: 120985
 Ion Ratio Lower Upper
 142 100
 141 92.5 74.6 112.0
 116 5.5 3.2 4.8#





#45

Dimethylphthalate

Concen: 2.988 ng/ul

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM023694.D

Acq: 13 Nov 2019 13:31

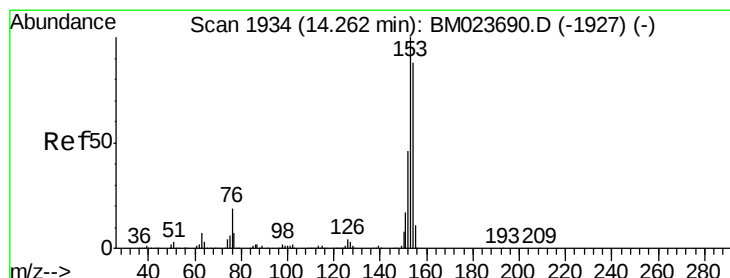
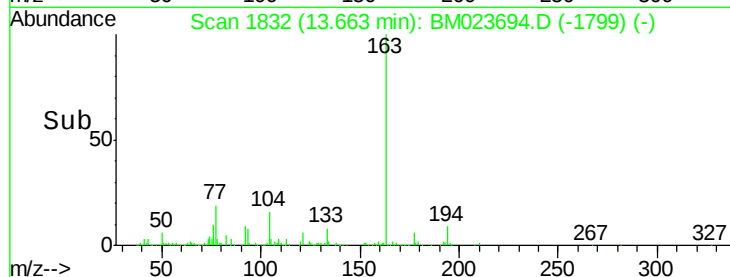
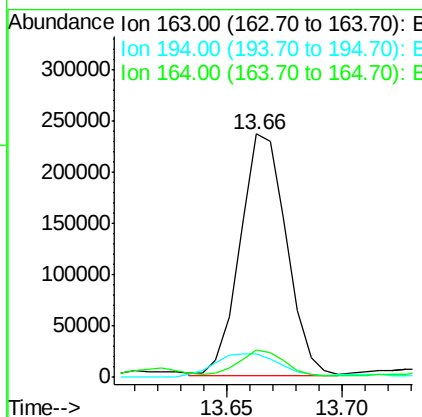
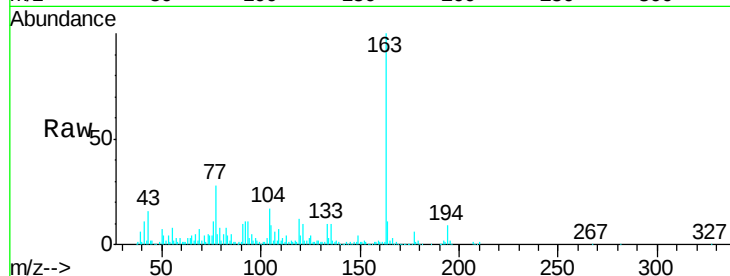
Instrument :

BNA_M

ClientSampleId :

BEJQ6

Tgt Ion:	163	Resp:	328132
Ion	Ratio	Lower	Upper
163	100		
194	9.4	3.4	5.2#
164	11.1	8.0	12.0



#50

Acenaphthene

Concen: 1.358 ng/ul

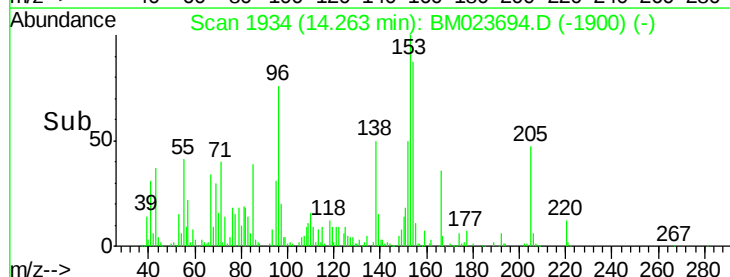
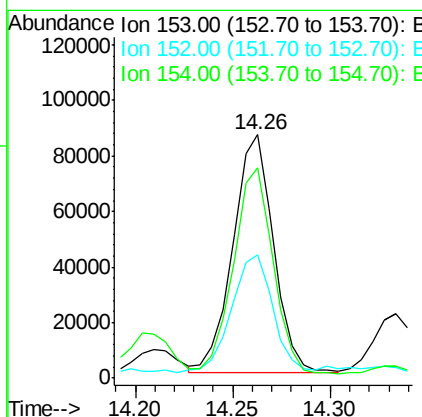
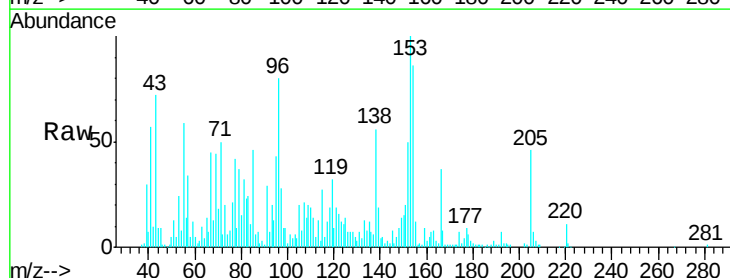
RT: 14.26 min Scan# 1934

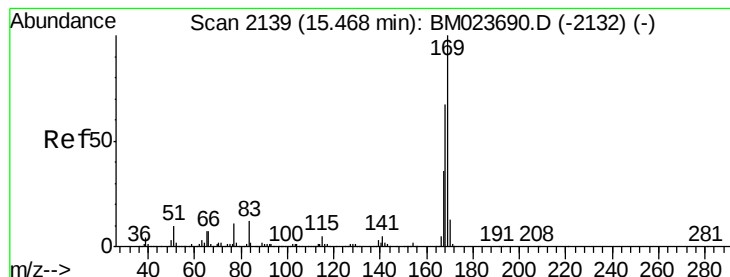
Delta R.T. 0.00 min

Lab File: BM023694.D

Acq: 13 Nov 2019 13:31

Tgt Ion:	153	Resp:	124088
Ion	Ratio	Lower	Upper
153	100		
152	50.4	37.7	56.5
154	86.3	70.6	106.0





#65

N-Nitrosodiphenylamine

Concen: 14.438 ng/ul

RT: 15.47 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BM023694.D

Acq: 13 Nov 2019 13:31

Instrument :

BNA_M

ClientSampleId :

BEJQ6

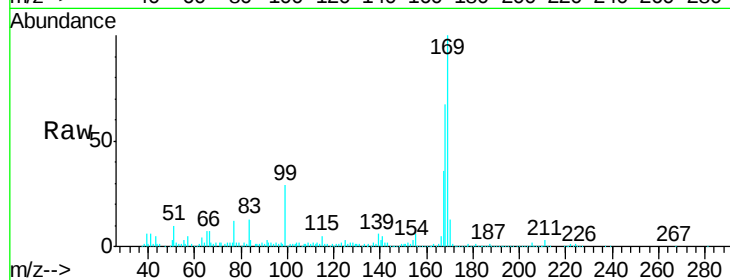
Tgt Ion:169 Resp: 1220582

Ion Ratio Lower Upper

169 100

168 66.9 53.2 79.8

167 36.3 28.0 42.0



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

