

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
 Data File : BM018088.D
 Acq On : 12 Dec 2018 09:53
 Operator : JU/SJ
 Sample : J6171-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 11:18:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 12 06:24:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	181630	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	775419	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	451895	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	977053	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	836272	20.00	ng/ul	0.00
85) Perylene-d12	23.35	264	766307	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	13271	3.34	ng/uL	0.00
5) Phenol-d5	6.74	99	314353	18.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	310792	31.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	273051	21.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	202596	14.95	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	140717	23.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	129467	18.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	255797	19.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	246161	22.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	819827	20.91	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	1072230	22.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	89793	12.60	ng/ul	0.02
57) Fluorene-d10	15.20	176	752297	22.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	16676	2.39	ng/ul	0.02
70) Anthracene-d10	17.06	188	1120588	23.04	ng/ul	0.00
78) Pyrene-d10	19.37	212	1142116	28.22	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.22	264	935325	22.51	ng/ul	0.01

Target Compounds

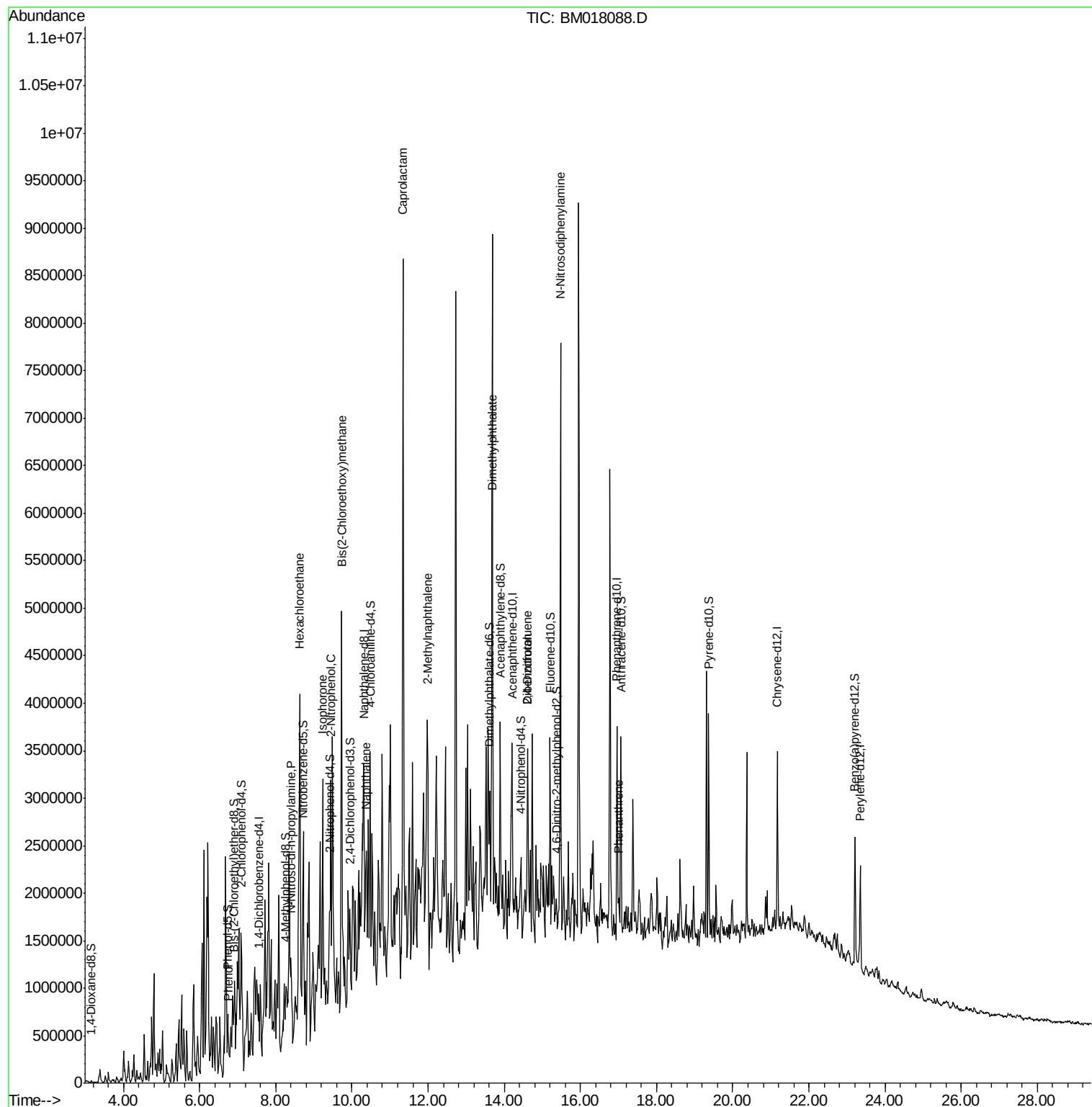
				Ovalue	
6) Phenol	6.77	94	79753	4.817	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.40	70	108915	9.885	ng/ul# 62
17) Hexachloroethane	8.64	117	192770	36.664	ng/ul# 8
21) Isophorone	9.23	82	244998	8.810	ng/ul# 1
23) 2-Nitrophenol	9.45	139	28651	4.034	ng/ul# 17
25) Bis(2-Chloroethoxy)methane	9.73	93	37346	2.194	ng/ul# 1
28) Naphthalene	10.37	128	333566	8.256	ng/ul# 88
32) Caprolactam	11.35	113	327701	80.746	ng/ul# 62
34) 2-Methylnaphthalene	11.99	142	1080768	35.835	ng/ul 98
44) Dimethylphthalate	13.67	163	332419	8.751	ng/ul 98
53) Dibenzofuran	14.61	168	45495	1.007	ng/ul# 33
54) 2,4-Dinitrotoluene	14.61	165	22406	1.982	ng/ul# 88
64) N-Nitrosodiphenylamine	15.48	169	179905	5.981	ng/ul# 44
69) Phenanthrene	17.00	178	142446	2.549	ng/ul# 92

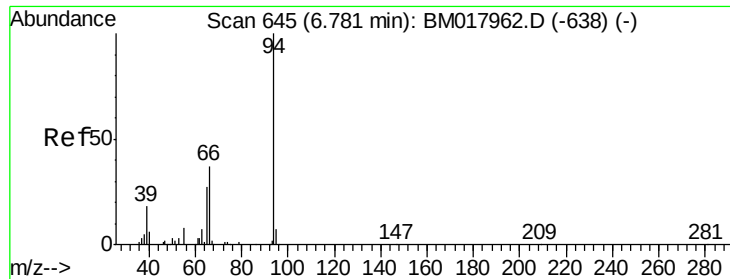
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 12 06:24:35 2018
Response via : Initial Calibration





#6

Phenol

Concen: 4.817 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. 0.01 min

Lab File: BM018088.D

Acq: 12 Dec 2018 09:53

Instrument :

BNA_M

ClientSampleId :

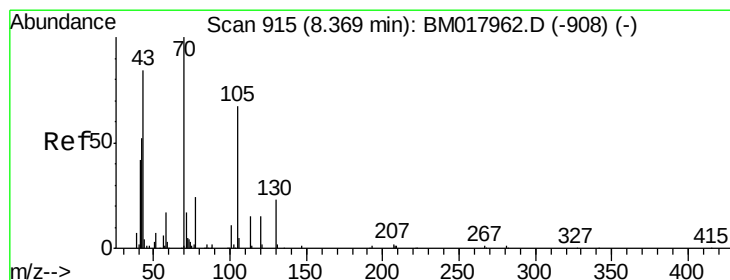
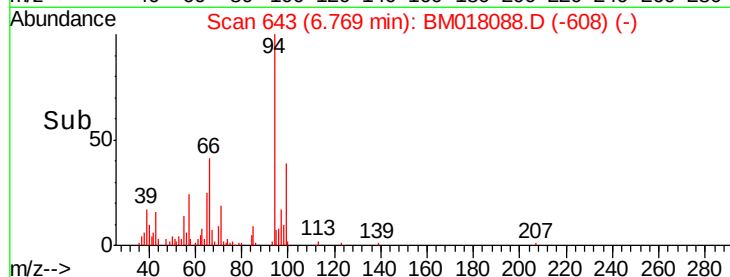
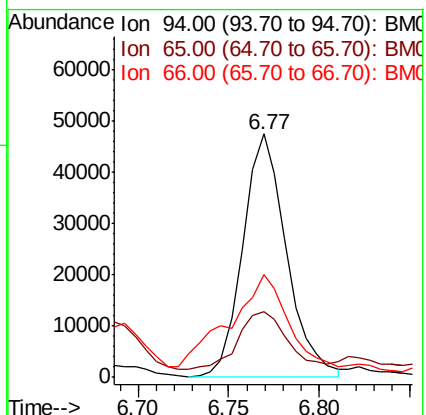
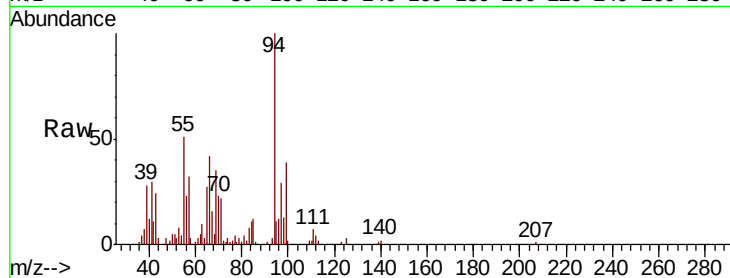
Tot Ion: 94 Resp: 79753

Ion Ratio Lower Upper

94 100

65 27.1 24.7 37.1

66 42.3 34.6 51.8



#15

N-Nitroso-di-n-propylamine

Concen: 9.885 ng/ul

RT: 8.40 min Scan# 921

Delta R.T. 0.05 min

Lab File: BM018088.D

Acq: 12 Dec 2018 09:53

Tgt Ion: 70 Resp: 108915

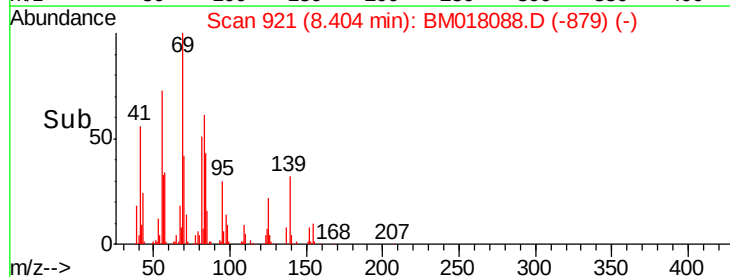
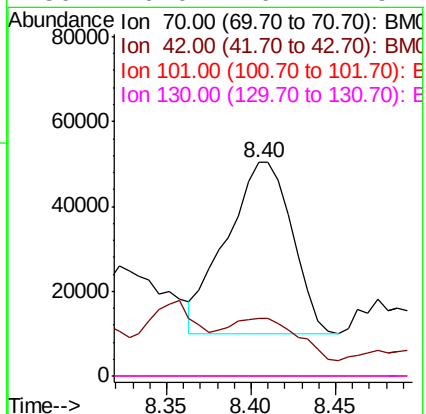
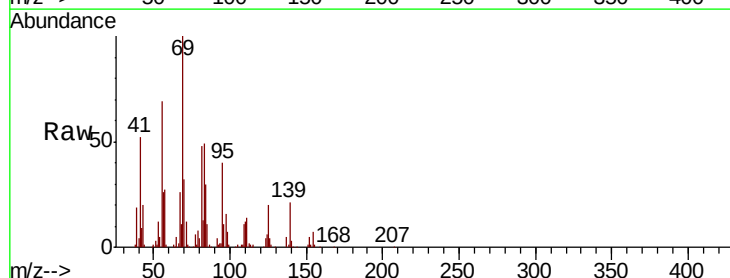
Ion Ratio Lower Upper

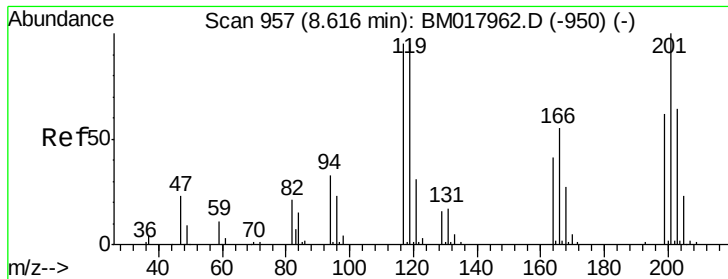
70 100

42 27.1 42.7 64.1#

101 0.0 7.6 11.4#

130 0.0 16.7 25.1#

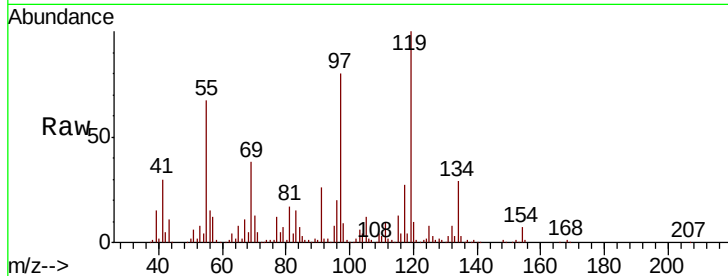




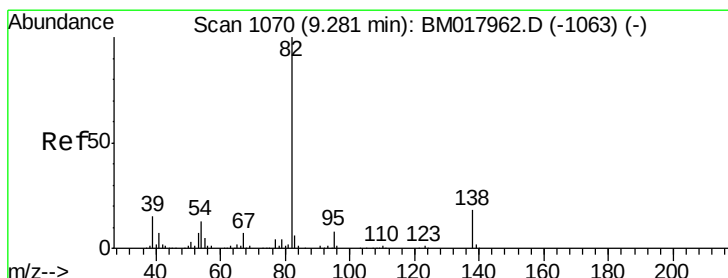
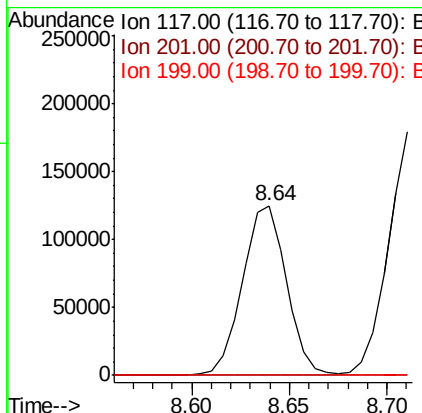
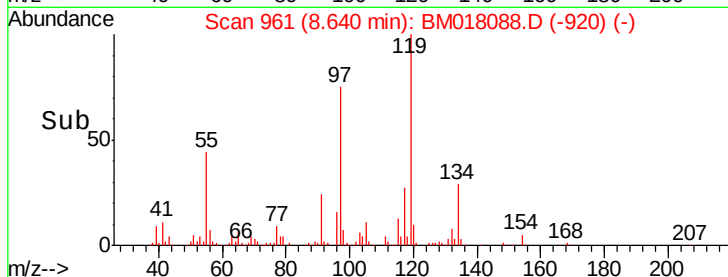
#17
Hexachloroethane
Concen: 36.664 ng/ul
RT: 8.64 min Scan# 961
Delta R.T. 0.04 min
Lab File: BM018088.D
Acq: 12 Dec 2018 09:53

Instrument :
BNA_M
ClientSampled :

Tot Ion:117 Resp: 192770
Ion Ratio Lower Upper
117 100
201 0.0 78.2 117.2#
199 0.0 49.5 74.3#

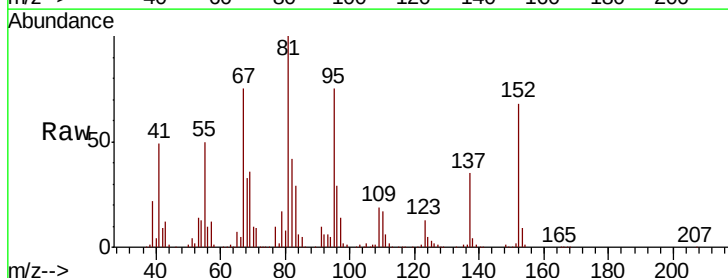


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

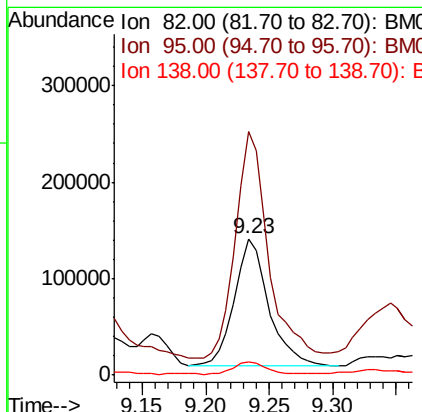
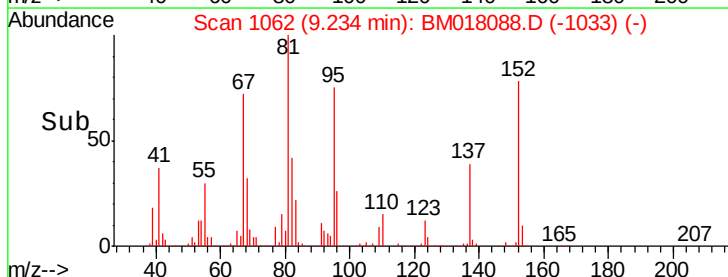


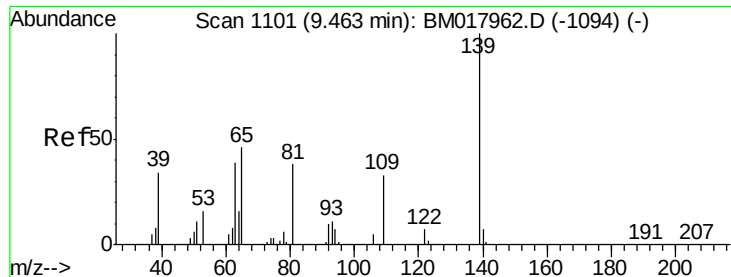
#21
Isophorone
Concen: 8.810 ng/ul
RT: 9.23 min Scan# 1062
Delta R.T. -0.03 min
Lab File: BM018088.D
Acq: 12 Dec 2018 09:53

Tgt Ion: 82 Resp: 244998
Ion Ratio Lower Upper
82 100
95 178.6 6.1 9.1#
138 9.9 14.2 21.2#



Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E





#23

2-Nitrophenol

Concen: 4.034 ng/ul

RT: 9.45 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BM018088.D

Acq: 12 Dec 2018 09:53

Instrument :

BNA_M

ClientSampled :

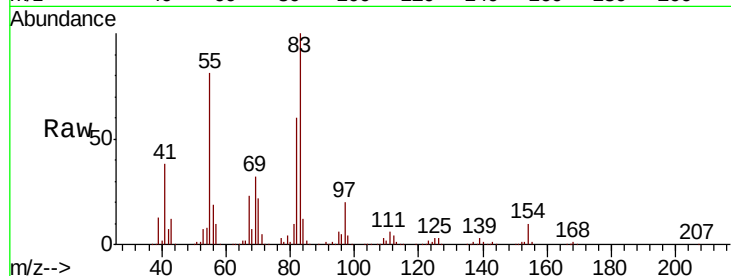
Tot Ion:139 Resp: 28651

Ion Ratio Lower Upper

139 100

65 85.9 44.2 66.4#

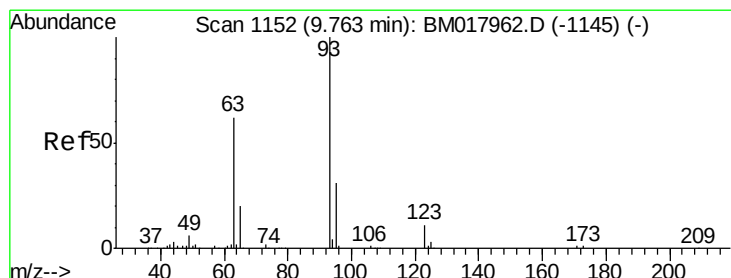
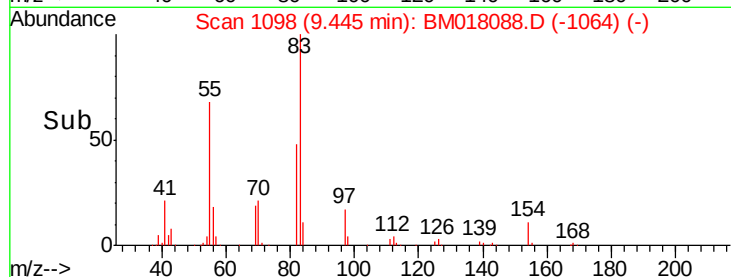
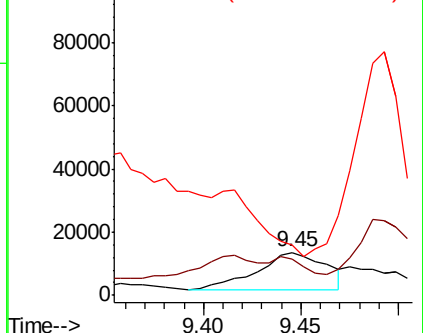
109 118.3 26.4 39.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 109.00 (108.70 to 109.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 2.194 ng/ul

RT: 9.73 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BM018088.D

Acq: 12 Dec 2018 09:53

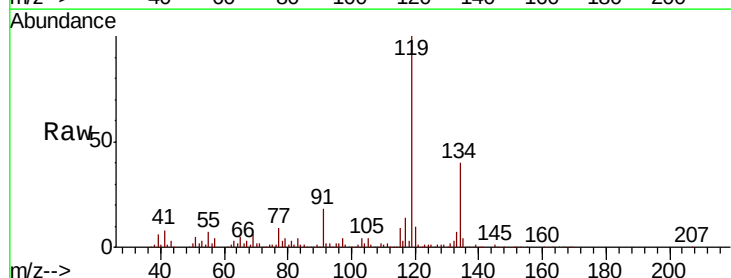
Tgt Ion: 93 Resp: 37346

Ion Ratio Lower Upper

93 100

95 138.1 26.0 39.0#

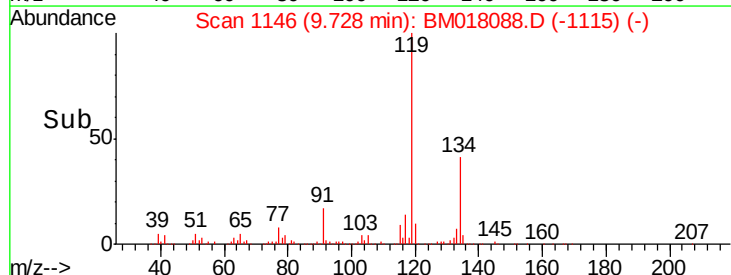
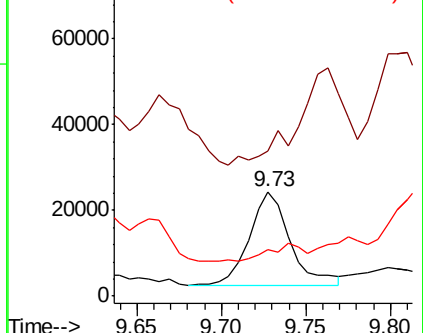
123 44.2 9.0 13.4#

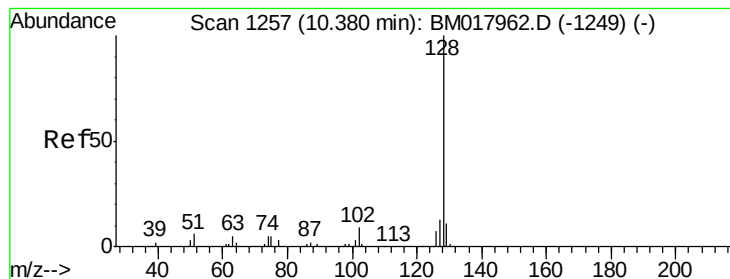


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#28

Naphthalene

Concen: 8.256 ng/ul

RT: 10.37 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BM018088.D

Acq: 12 Dec 2018 09:53

Instrument :

BNA_M

ClientSampleId :

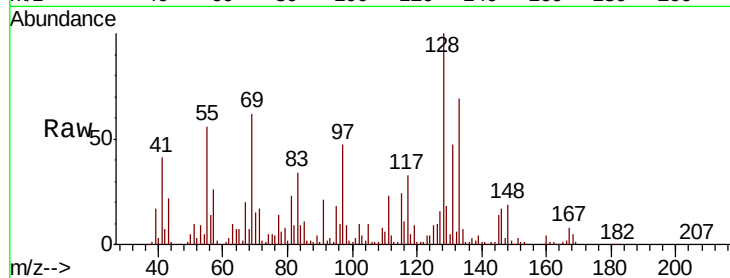
Tot Ion:128 Resp: 333566

Ion Ratio Lower Upper

128 100

129 17.9 8.6 12.8#

127 16.1 10.8 16.2

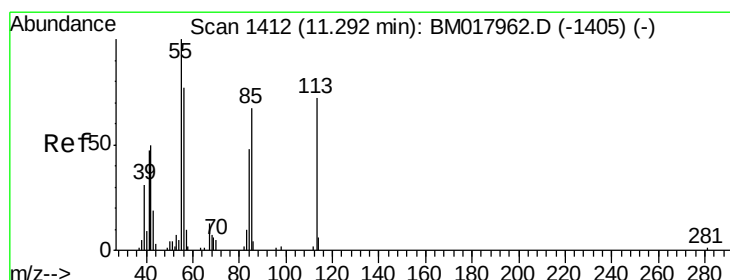
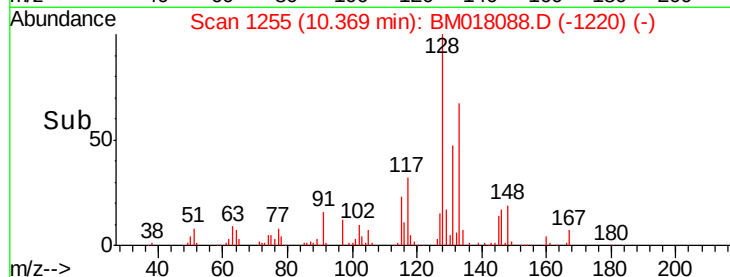
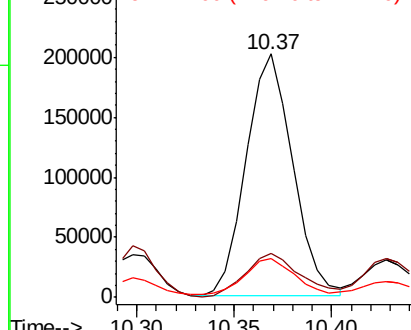


Abundance

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



#32

Caprolactam

Concen: 80.746 ng/ul

RT: 11.35 min Scan# 1421

Delta R.T. 0.06 min

Lab File: BM018088.D

Acq: 12 Dec 2018 09:53

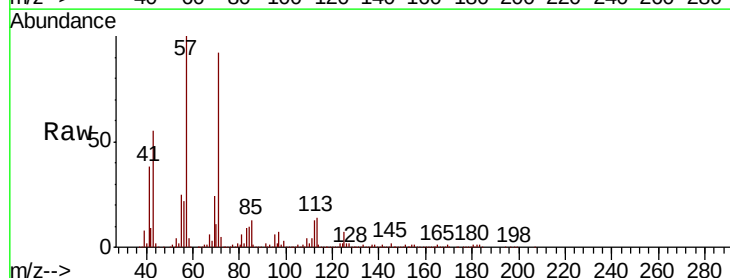
Tgt Ion:113 Resp: 327701

Ion Ratio Lower Upper

113 100

55 179.2 110.6 166.0#

56 156.6 88.2 132.4#

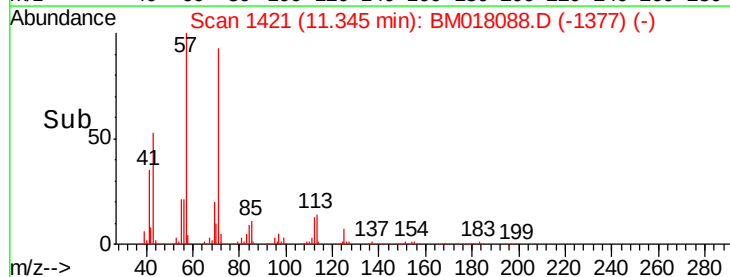
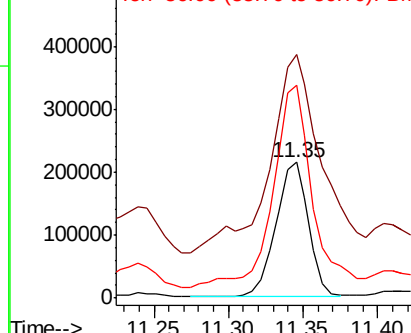


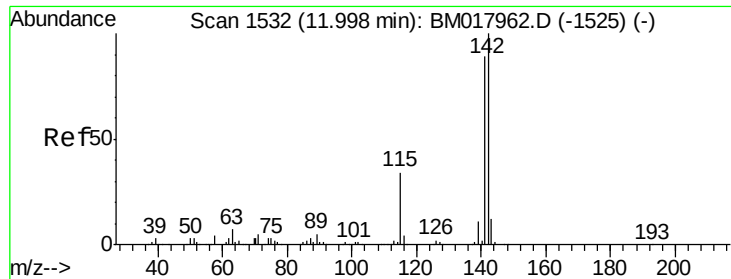
Abundance

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

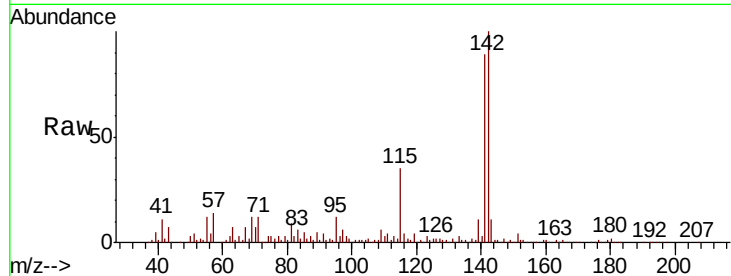




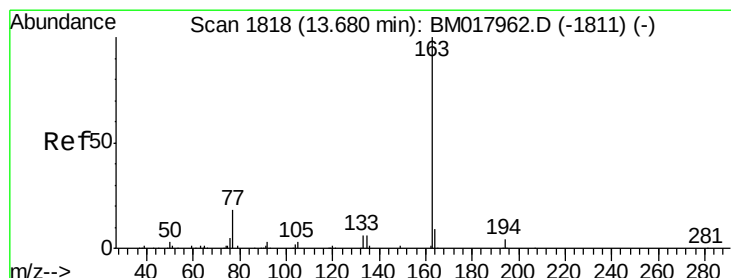
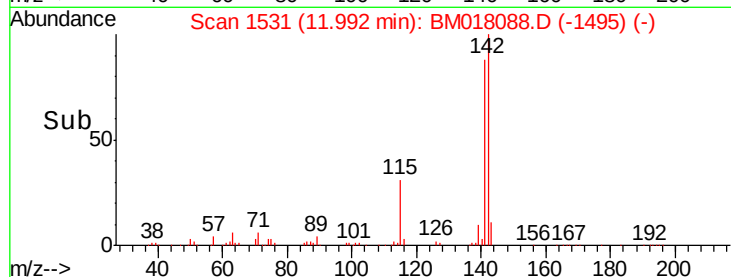
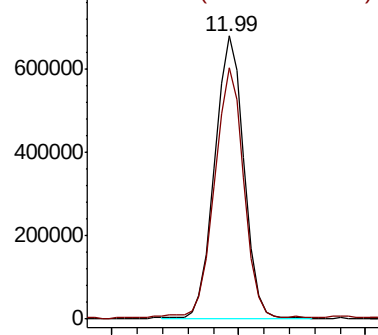
#34
2-Methylnaphthalene
Concen: 35.835 ng/ul
RT: 11.99 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BM018088.D
Acq: 12 Dec 2018 09:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:142 Resp: 1080768
Ion Ratio Lower Upper
142 100
141 88.7 72.6 108.8

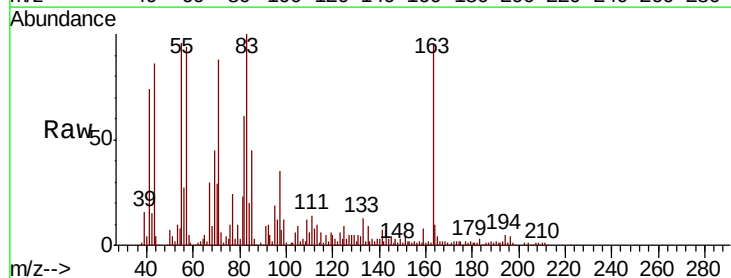


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

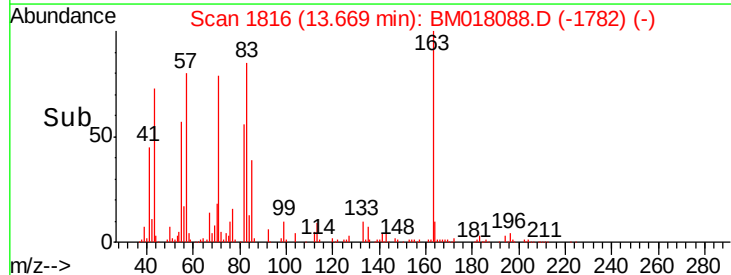
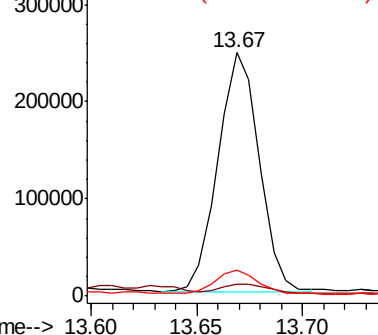


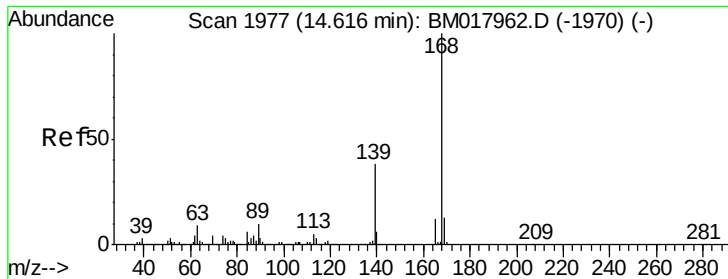
#44
Dimethylphthalate
Concen: 8.751 ng/ul
RT: 13.67 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BM018088.D
Acq: 12 Dec 2018 09:53

Tgt Ion:163 Resp: 332419
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.0
164 10.5 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#53

Dibenzofuran

Concen: 1.007 ng/ul

RT: 14.61 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BM018088.D

Acq: 12 Dec 2018 09:53

Instrument :

BNA_M

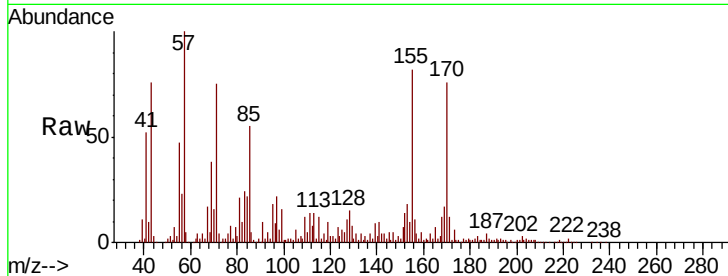
ClientSampleId :

Tot Ion:168 Resp: 45495

Ion Ratio Lower Upper

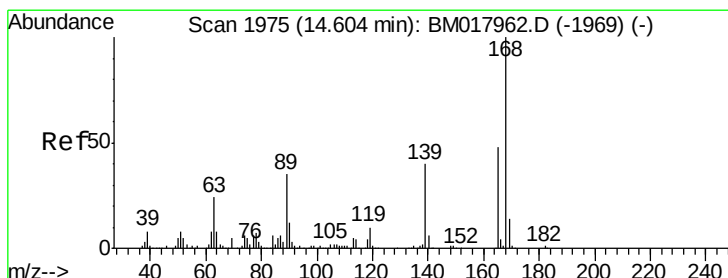
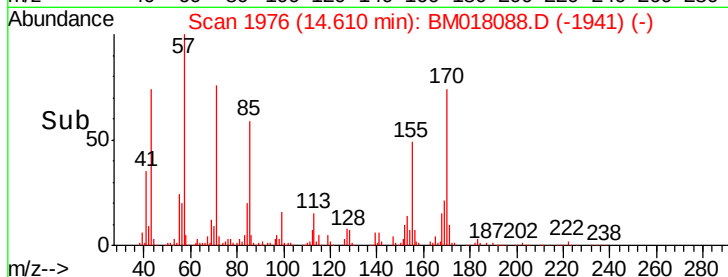
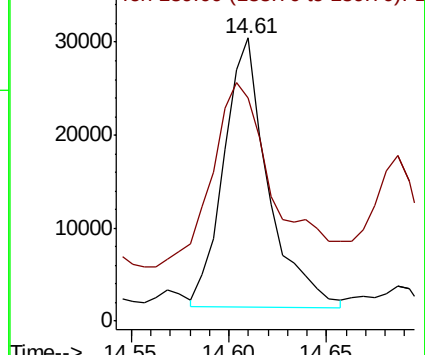
168 100

139 78.8 30.6 46.0#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 1.982 ng/ul

RT: 14.61 min Scan# 1976

Delta R.T. 0.02 min

Lab File: BM018088.D

Acq: 12 Dec 2018 09:53

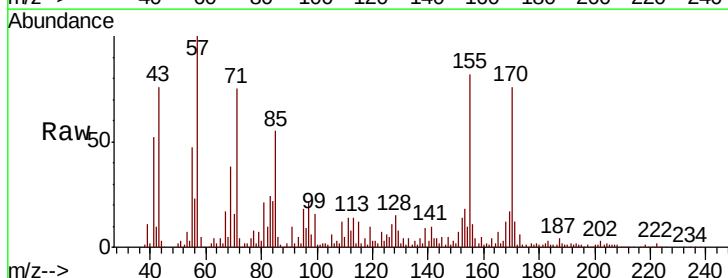
Tgt Ion:165 Resp: 22406

Ion Ratio Lower Upper

165 100

63 58.7 41.8 62.8

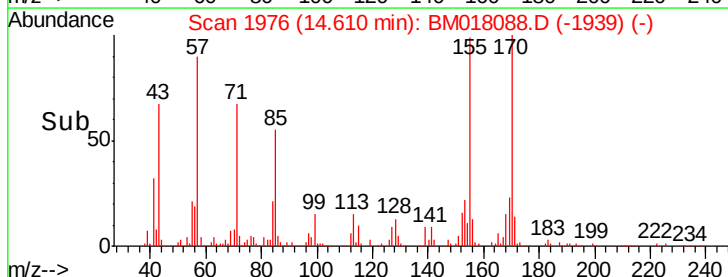
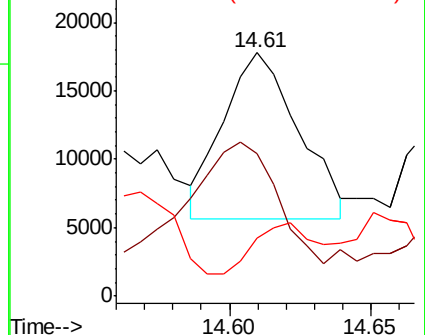
182 23.9 2.2 3.2#

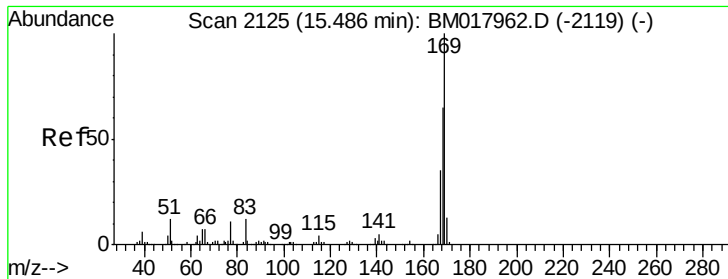


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

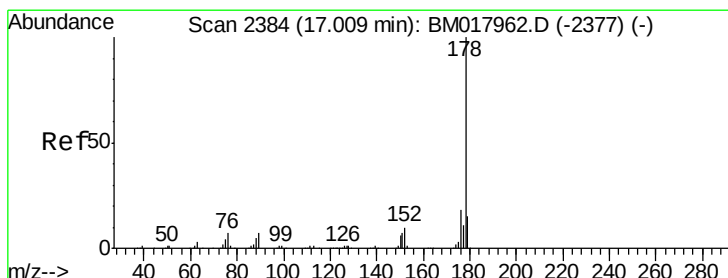
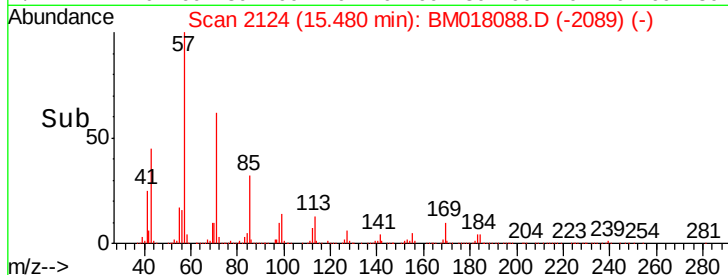
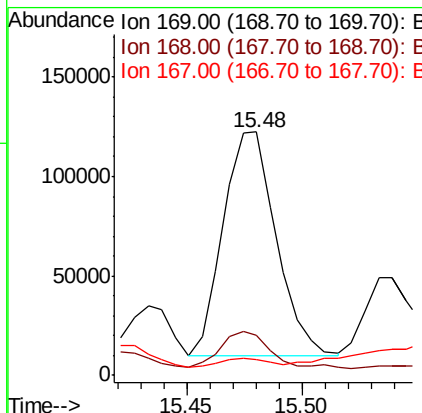
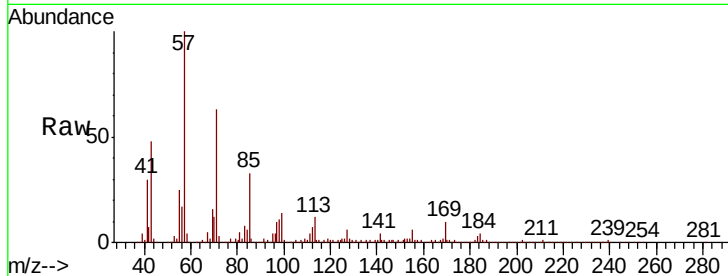




#64
N-Nitrosodiphenylamine
Concen: 5.981 ng/ul
RT: 15.48 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BM018088.D
Acq: 12 Dec 2018 09:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	16.7	51.1	76.7#
167	6.5	27.8	41.8#



#69
Phenanthrene
Concen: 2.549 ng/ul
RT: 17.00 min Scan# 2383
Delta R.T. 0.01 min
Lab File: BM018088.D
Acq: 12 Dec 2018 09:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.0	11.8	17.8#
176	18.3	15.0	22.6

