

Data File : BM018046.D
Acq On : 11 Dec 2018 04:21
Operator : JU/SJ
Sample : J6077-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y04

Quant Time: Dec 11 06:48:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 11 06:43:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	222428	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	935631	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	506545	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	957556	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	735628	20.00	ng/ul	0.00
85) Perylene-d12	23.35	264	794617	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	15102	3.11	ng/uL	0.00
5) Phenol-d5	6.75	99	311242	15.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	241050	19.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	278586	17.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	218209	13.15	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	138465	19.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	150147	18.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	253989	16.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	283601	21.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	834901	19.00	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	1044526	19.64	ng/ul	0.01
51) 4-Nitrophenol-d4	14.46	143	72281	9.05	ng/ul	0.02
57) Fluorene-d10	15.21	176	718177	18.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	49830	7.28	ng/ul	0.01
70) Anthracene-d10	17.06	188	974899	20.45	ng/ul	0.00
78) Pyrene-d10	19.37	212	884863	24.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.22	264	884853	20.53	ng/ul	0.00

Target Compounds

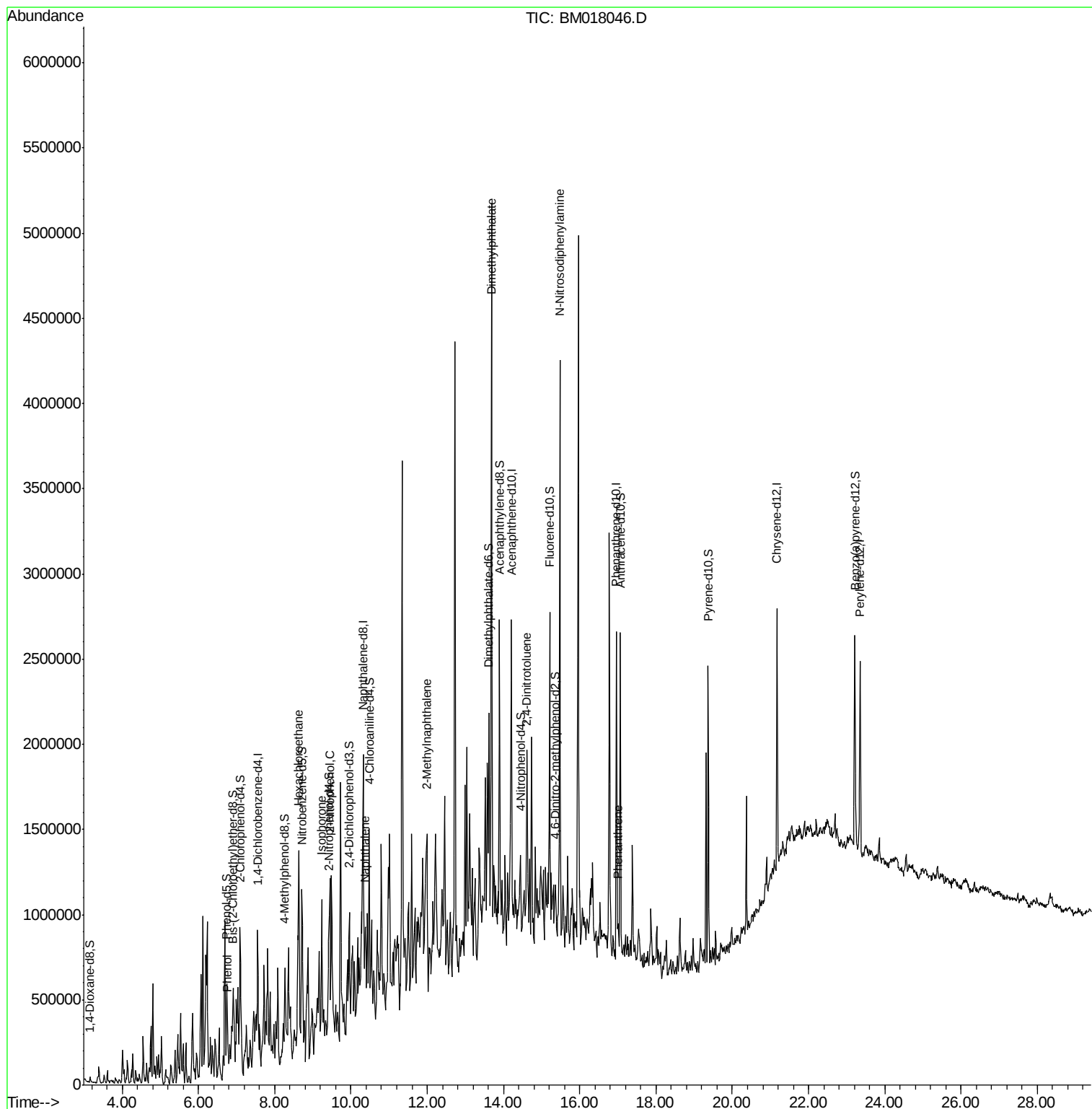
					Qvalue	
6) Phenol	6.77	94	85147	4.199	ng/ul	91
17) Hexachloroethane	8.64	117	63126	9.804	ng/ul#	8
21) Isophorone	9.24	82	81551	2.430	ng/ul#	1
23) 2-Nitrophenol	9.45	139	10926	1.275	ng/ul#	35
28) Naphthalene	10.37	128	124864	2.561	ng/ul#	87
34) 2-Methylnaphthalene	11.99	142	405590	11.145	ng/ul	100
44) Dimethylphthalate	13.67	163	122248	2.871	ng/ul#	95
54) 2,4-Dinitrotoluene	14.60	165	13299	1.050	ng/ul#	83
64) N-Nitrosodiphenylamine	15.48	169	91292	3.097	ng/ul#	44
69) Phenanthrene	17.00	178	69230	1.264	ng/ul#	94

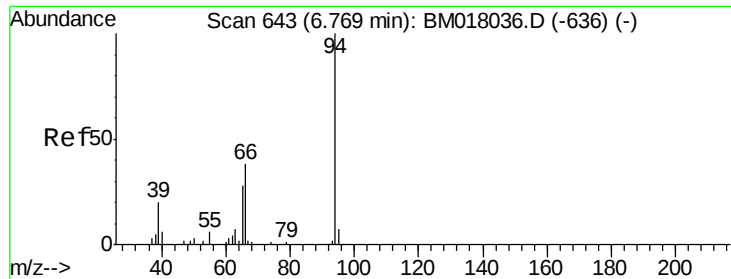
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.199 ng/ul

RT: 6.77 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM018046.D

Acq: 11 Dec 2018 04:21

Instrument :

BNA_M

ClientSampleId :

F9Y04

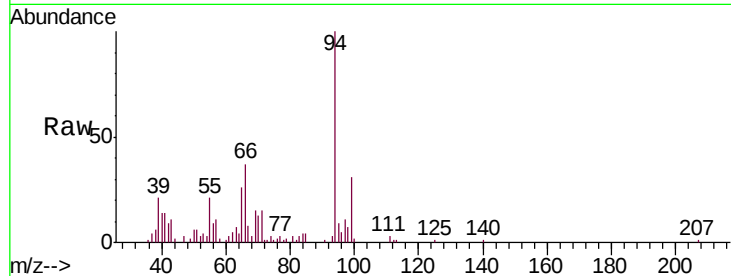
Tgt Ion: 94 Resp: 85147

Ion Ratio Lower Upper

94 100

65 26.1 24.7 37.1

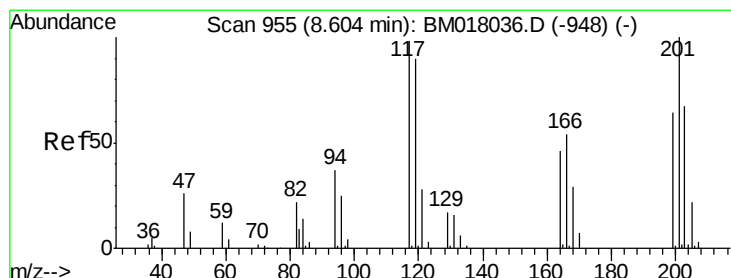
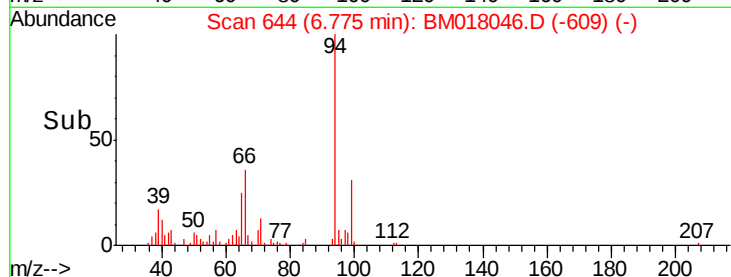
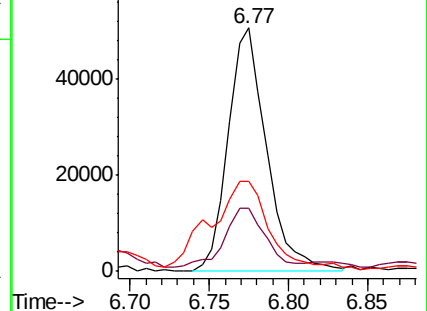
66 37.1 34.6 51.8



Abundance Ion 94.00 (93.70 to 94.70): BM018036.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018036.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018036.D (-636) (-)



#17

Hexachloroethane

Concen: 9.804 ng/ul

RT: 8.64 min Scan# 961

Delta R.T. 0.04 min

Lab File: BM018046.D

Acq: 11 Dec 2018 04:21

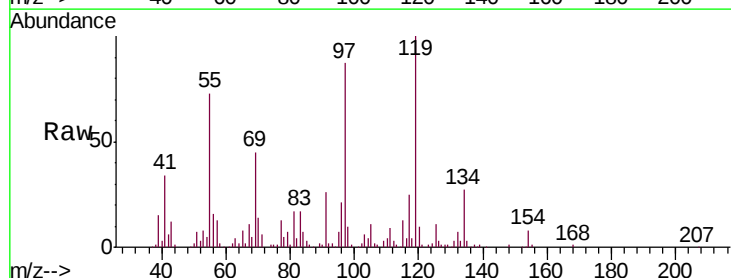
Tgt Ion: 117 Resp: 63126

Ion Ratio Lower Upper

117 100

201 0.0 78.2 117.2#

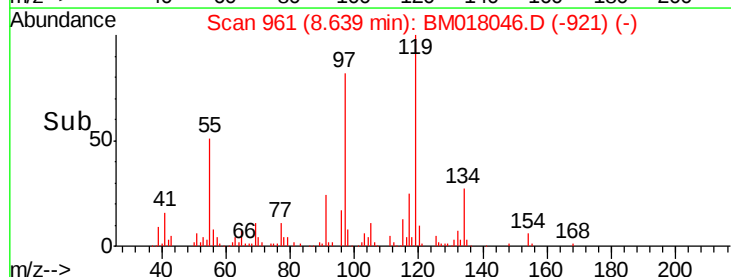
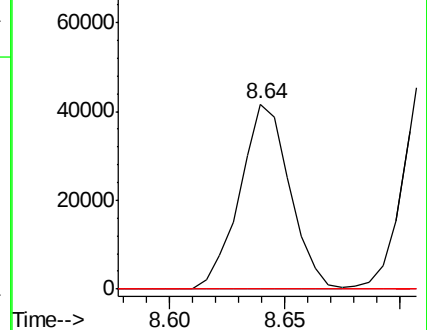
199 0.0 49.5 74.3#

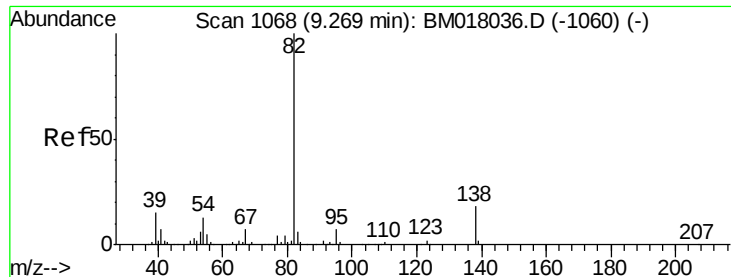


Abundance Ion 117.00 (116.70 to 117.70): BM018036.D (-948) (-)

Ion 201.00 (200.70 to 201.70): BM018036.D (-948) (-)

Ion 199.00 (198.70 to 199.70): BM018036.D (-948) (-)





#21

Isophorone

Concen: 2.430 ng/ul

RT: 9.24 min Scan# 1063

Delta R.T. -0.03 min

Lab File: BM018046.D

Acq: 11 Dec 2018 04:21

Instrument :

BNA_M

ClientSampled :

F9Y04

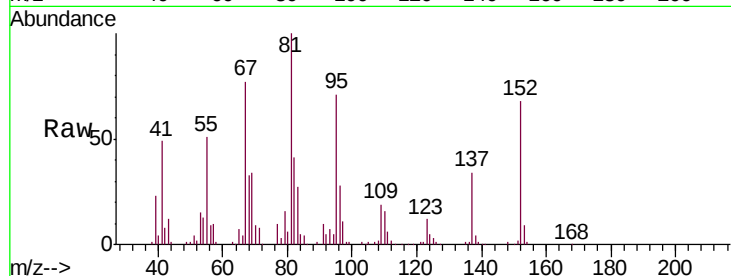
Tgt Ion: 82 Resp: 81551

Ion Ratio Lower Upper

82 100

95 172.3 6.1 9.1#

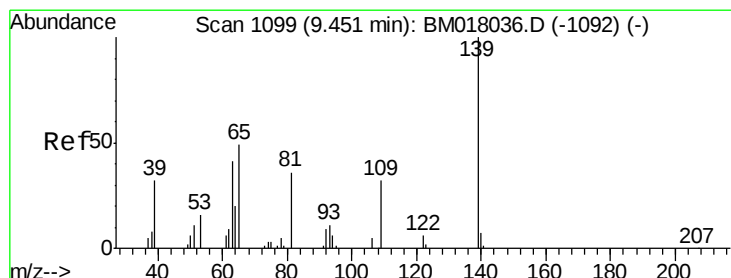
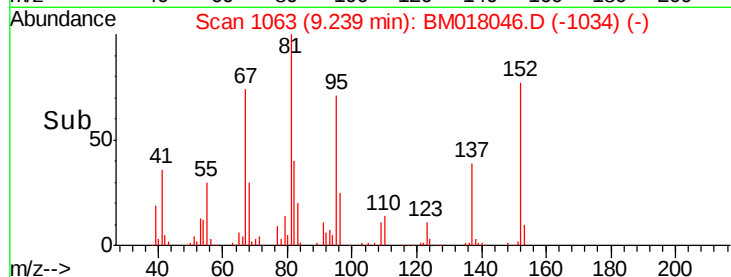
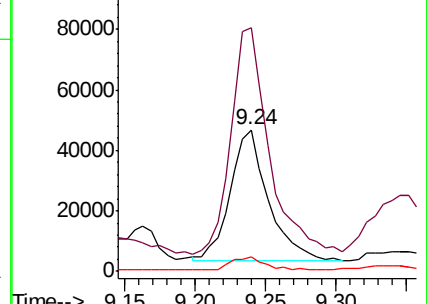
138 10.5 14.2 21.2#



Abundance Ion 82.00 (81.70 to 82.70): BM018036.D (-1060) (-)

Ion 95.00 (94.70 to 95.70): BM018036.D (-1060) (-)

Ion 138.00 (137.70 to 138.70): BM018036.D (-1060) (-)



#23

2-Nitrophenol

Concen: 1.275 ng/ul

RT: 9.45 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BM018046.D

Acq: 11 Dec 2018 04:21

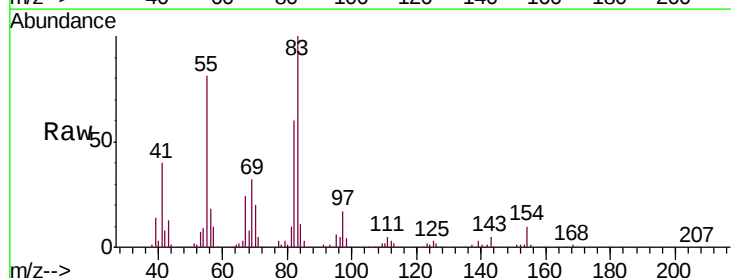
Tgt Ion: 139 Resp: 10926

Ion Ratio Lower Upper

139 100

65 91.4 44.2 66.4#

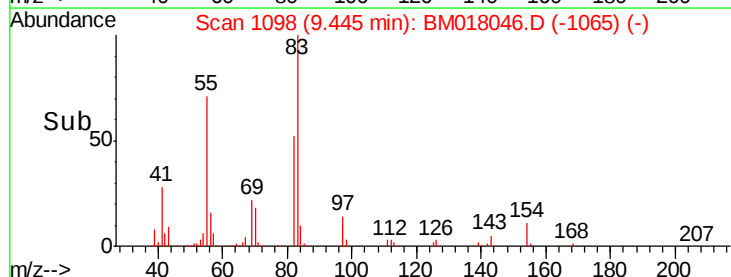
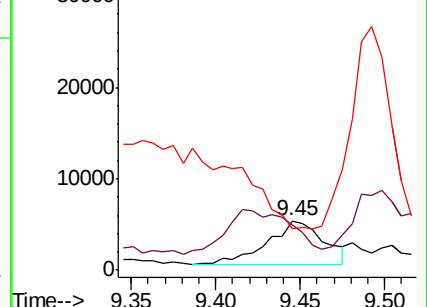
109 84.2 26.4 39.6#

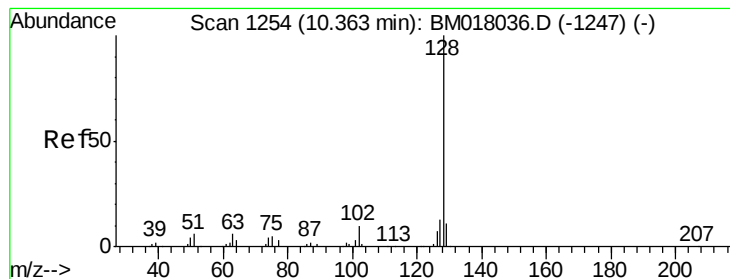


Abundance Ion 139.00 (138.70 to 139.70): BM018036.D (-1092) (-)

Ion 65.00 (64.70 to 65.70): BM018036.D (-1092) (-)

Ion 109.00 (108.70 to 109.70): BM018036.D (-1092) (-)





#28

Naphthalene

Concen: 2.561 ng/ul

RT: 10.37 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BM018046.D

Acq: 11 Dec 2018 04:21

Instrument :

BNA_M

ClientSampleId :

F9Y04

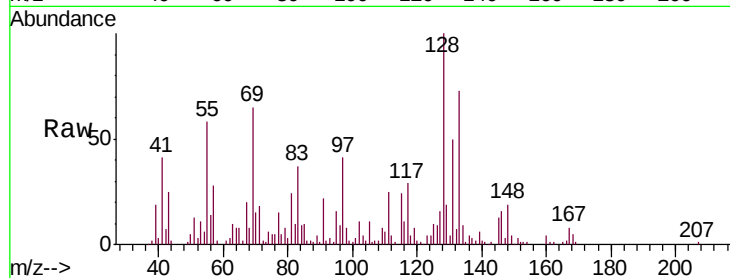
Tgt Ion:128 Resp: 124864

Ion Ratio Lower Upper

128 100

129 18.9 8.6 12.8#

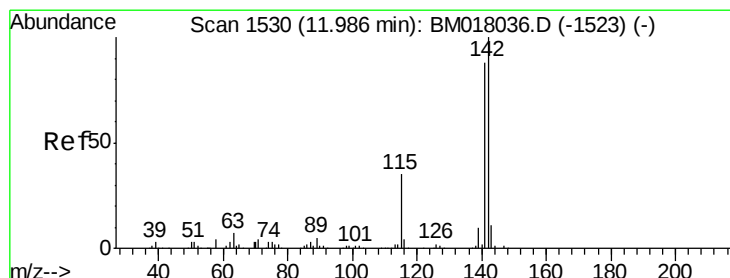
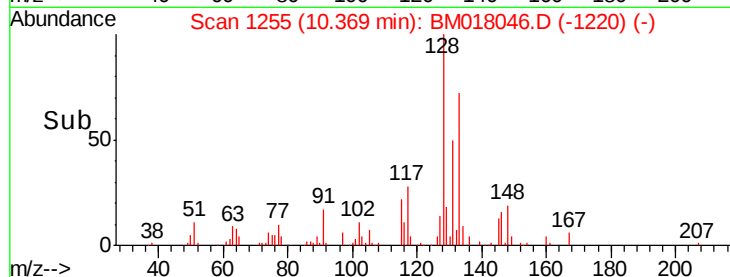
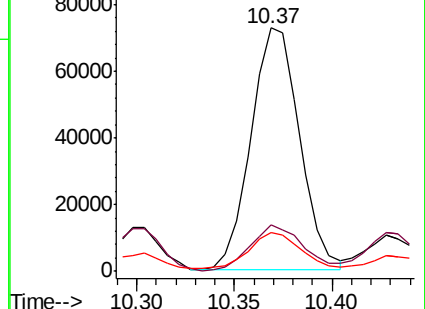
127 16.0 10.8 16.2



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



#34

2-Methylnaphthalene

Concen: 11.145 ng/ul

RT: 11.99 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BM018046.D

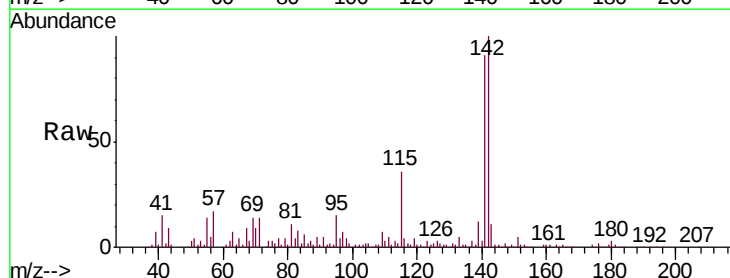
Acq: 11 Dec 2018 04:21

Tgt Ion:142 Resp: 405590

Ion Ratio Lower Upper

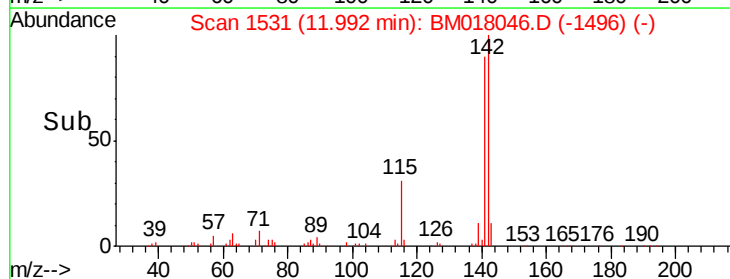
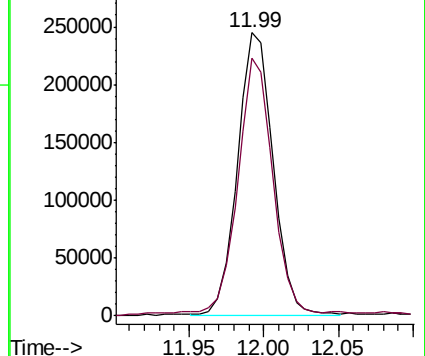
142 100

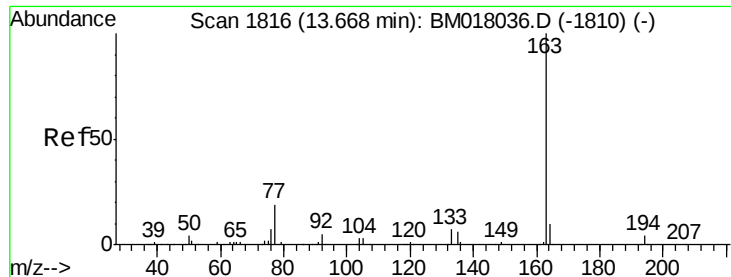
141 91.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#44

Dimethylphthalate

Concen: 2.871 ng/ul

RT: 13.67 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BM018046.D

Acq: 11 Dec 2018 04:21

Instrument :

BNA_M

ClientSampleId :

F9Y04

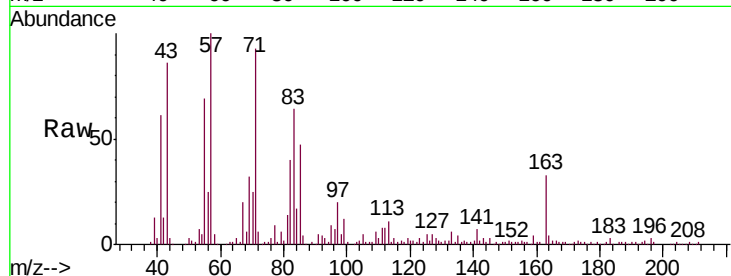
Tgt Ion:163 Resp: 122248

Ion Ratio Lower Upper

163 100

194 5.7 3.4 5.0#

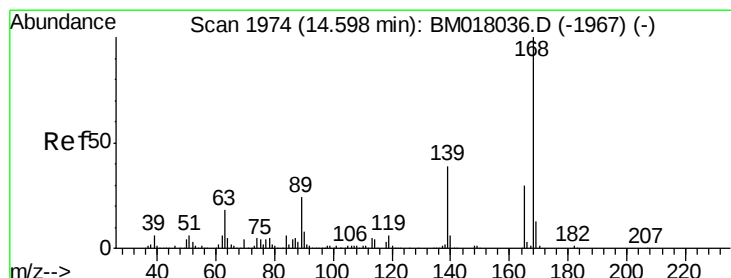
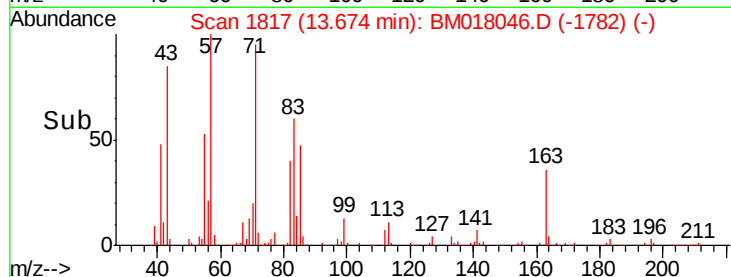
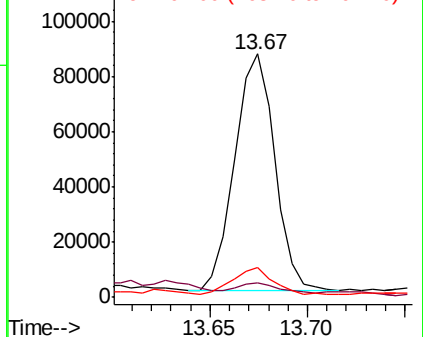
164 12.2 8.1 12.1#



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



#54

2,4-Dinitrotoluene

Concen: 1.050 ng/ul

RT: 14.60 min Scan# 1975

Delta R.T. 0.01 min

Lab File: BM018046.D

Acq: 11 Dec 2018 04:21

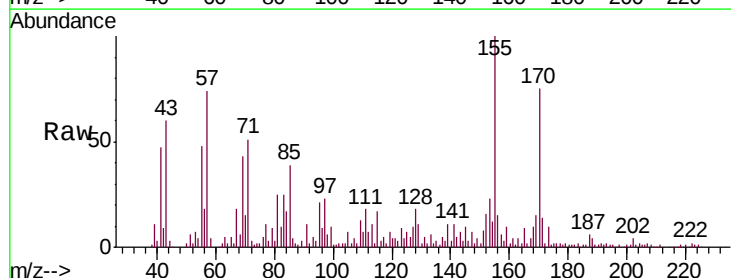
Tgt Ion:165 Resp: 13299

Ion Ratio Lower Upper

165 100

63 63.7 41.8 62.8#

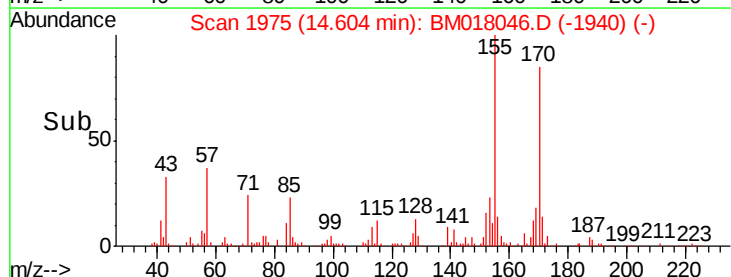
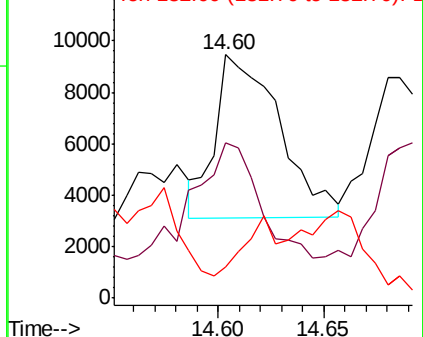
182 13.0 2.2 3.2#

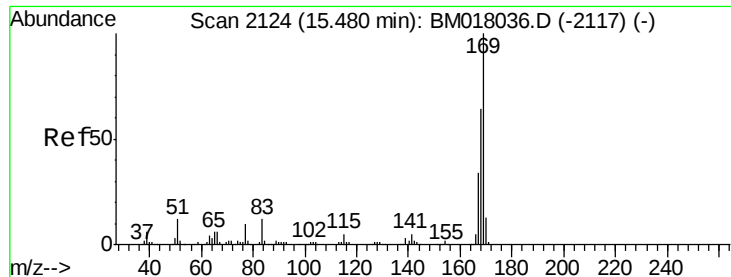


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

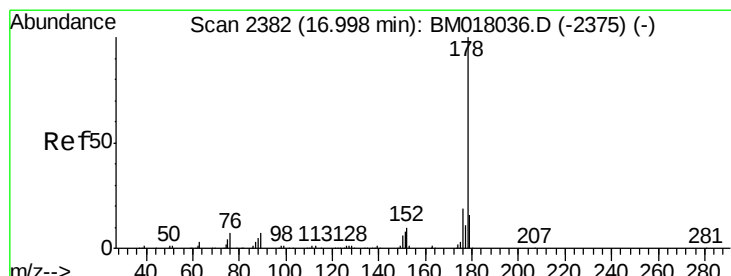
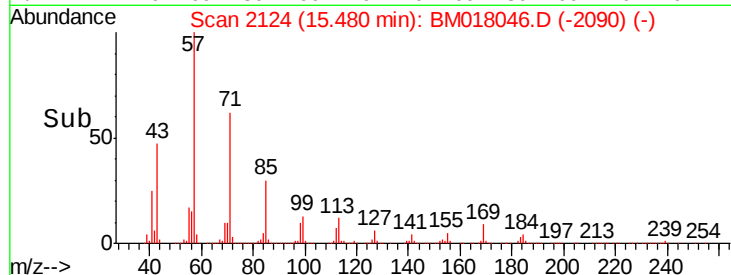
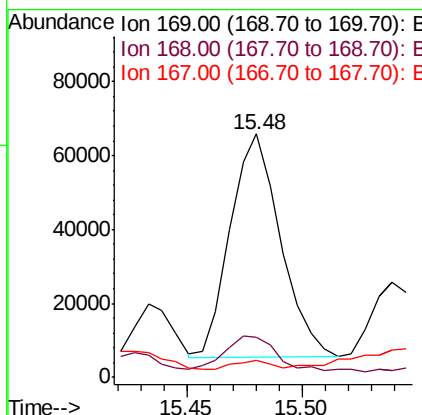
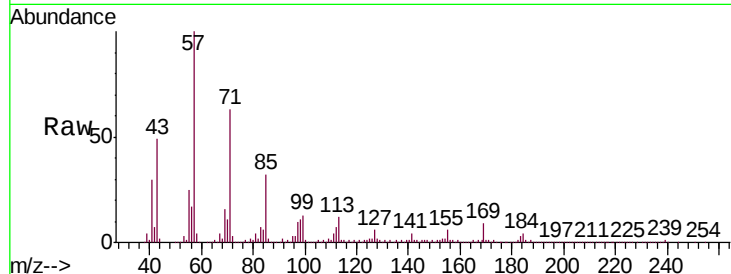




#64
N-Nitrosodiphenylamine
Concen: 3.097 ng/ul
RT: 15.48 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BM018046.D
Acq: 11 Dec 2018 04:21

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Tgt Ion:169 Resp: 91292
Ion Ratio Lower Upper
169 100
168 16.4 51.1 76.7#
167 7.1 27.8 41.8#



#69
Phenanthrene
Concen: 1.264 ng/ul
RT: 17.00 min Scan# 2383
Delta R.T. 0.01 min
Lab File: BM018046.D
Acq: 11 Dec 2018 04:21

Tgt Ion:178 Resp: 69230
Ion Ratio Lower Upper
178 100
179 20.0 11.8 17.8#
176 18.8 15.0 22.6

