

Data File : BM009881.D
Acq On : 03 May 2017 19:05
Operator : SJ/MA
Sample : I2867-16RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHT93RE

Quant Time: May 04 02:04:57 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 04 02:03:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	164183	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	688405	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	367186	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	712361	20.00	ng/ul	0.01
75) Chrysene-d12	21.41	240	839504	20.00	ng/ul	0.01
83) Perylene-d12	23.74	264	835412	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	8367	2.35	ng/uL	0.01
5) Phenol-d5	7.00	99	262888	14.74	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	202290	16.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	177332	15.63	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	196060	14.10	ng/ul	0.01
19) Nitrobenzene-d5	8.98	128	86777	15.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	94717	16.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	183833	15.59	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	102883	7.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	556284	17.42	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	670624	17.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	7202	1.17	ng/ul	-0.01
57) Fluorene-d10	15.46	176	449467	15.59	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.56	200	2037	0.41	ng/ul	-0.03
70) Anthracene-d10	17.32	188	637659	17.43	ng/ul	0.01
76) Pyrene-d10	19.62	212	654384	17.66	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.59	264	694845	17.10	ng/ul	0.04

Target Compounds

						Qvalue
17) Hexachloroethane	8.91	117	5401	1.00	ng/ul#	11
32) Caprolactam	11.60	113	20546	4.68	ng/ul#	1
44) Dimethylphthalate	13.92	163	102556	3.25	ng/ul	98
45) 2,6-Dinitrotoluene	14.06	165	6709	1.06	ng/ul#	12
52) 4-Nitrophenol	14.70	109	13116	1.86	ng/ul#	30
64) N-Nitrosodiphenylamine	15.73	169	175355	8.02	ng/ul#	31
77) Pyrene	19.66	202	75028	1.58	ng/ul#	48

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

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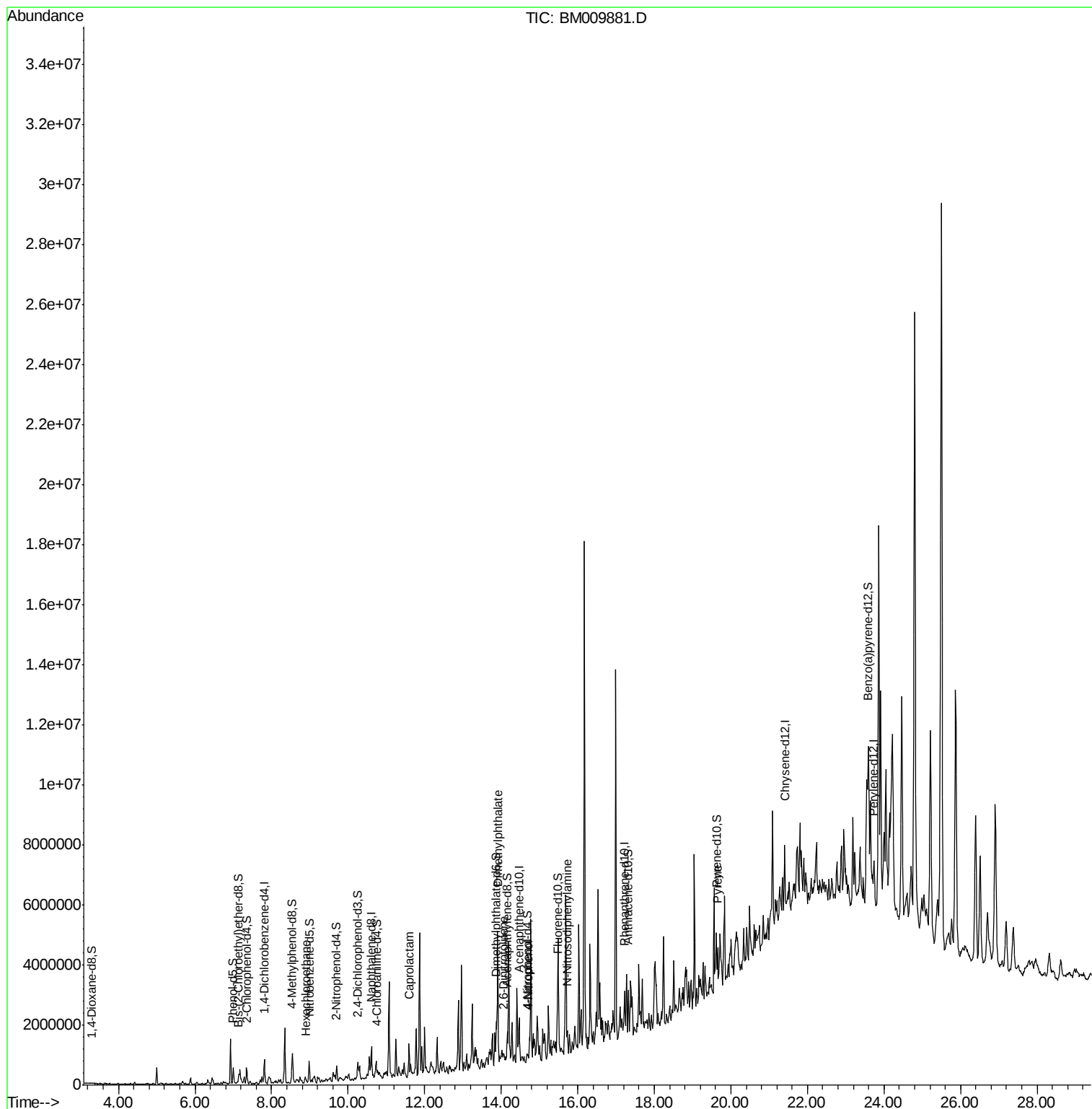
Quant Time: May 04 02:04:57 2017

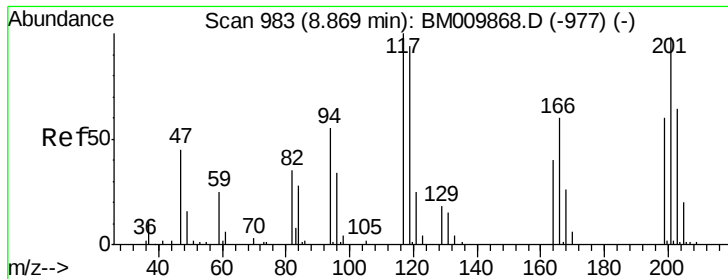
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M

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QLast Update : Thu May 04 02:03:11 2017

Response via : Initial Calibration

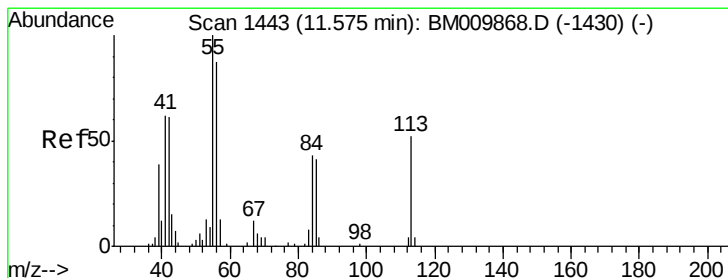
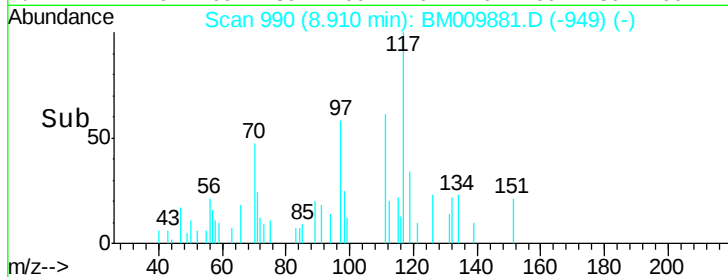
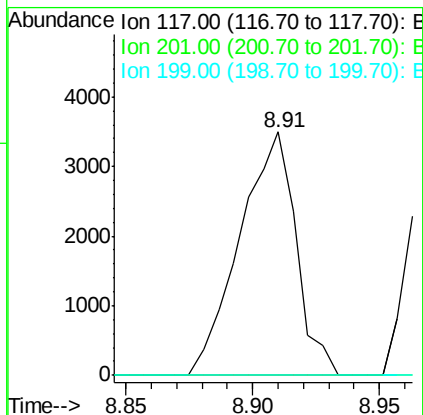
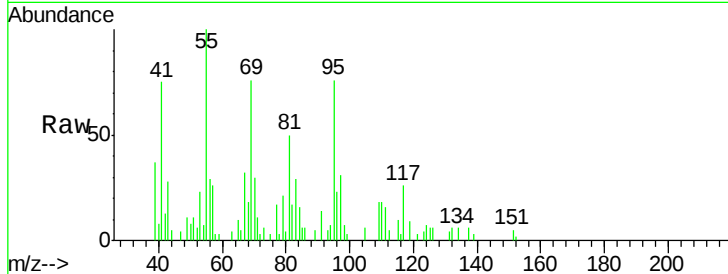




#17
Hexachloroethane
Concen: 1.00 ng/ul
RT: 8.91 min Scan# 990
Delta R.T. 0.04 min
Lab File: BM009881.D
Acq: 03 May 2017 19:05

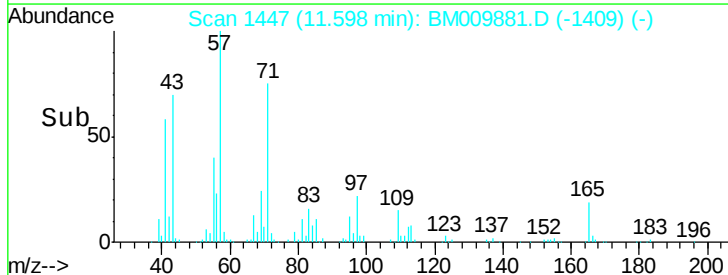
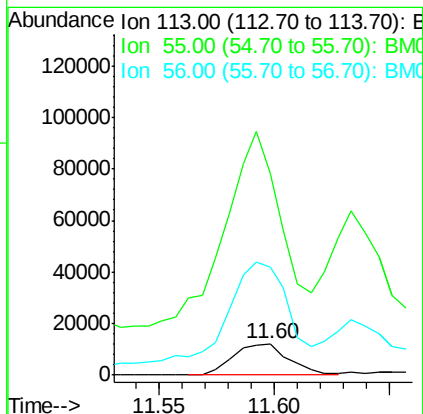
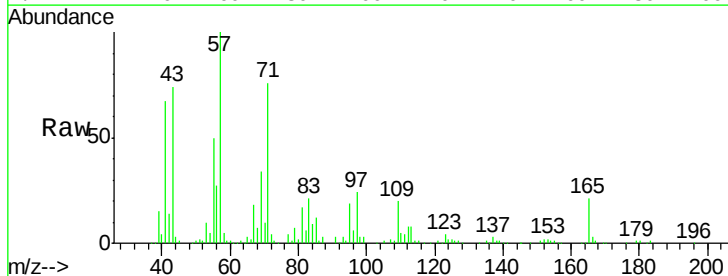
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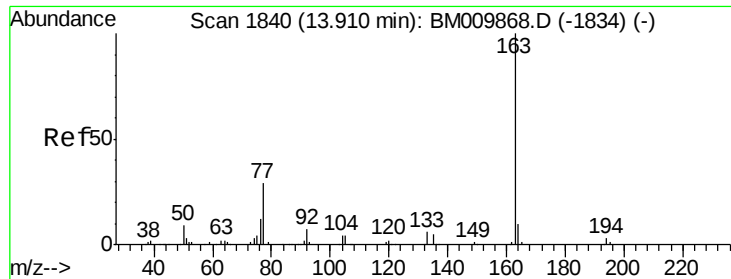
Tgt Ion:117 Resp: 5401
Ion Ratio Lower Upper
117 100
201 0.0 71.0 106.6#
199 0.0 47.8 71.8#



#32
Caprolactam
Concen: 4.68 ng/ul
RT: 11.60 min Scan# 1447
Delta R.T. 0.02 min
Lab File: BM009881.D
Acq: 03 May 2017 19:05

Tgt Ion:113 Resp: 20546
Ion Ratio Lower Upper
113 100
55 643.2 189.3 283.9#
56 346.3 165.8 248.6#

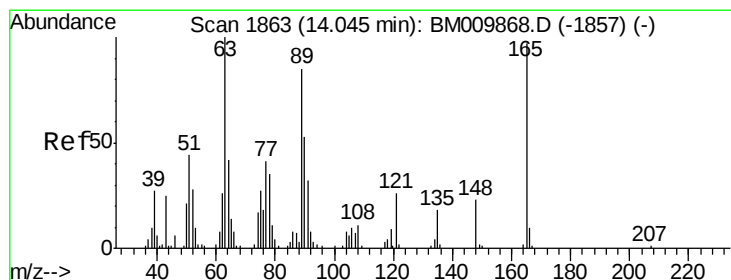
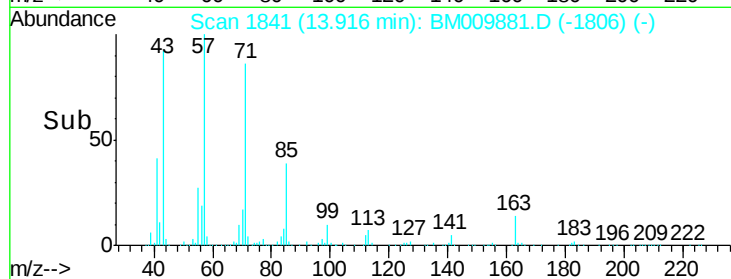
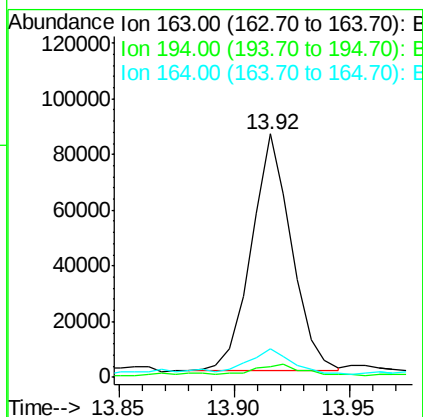
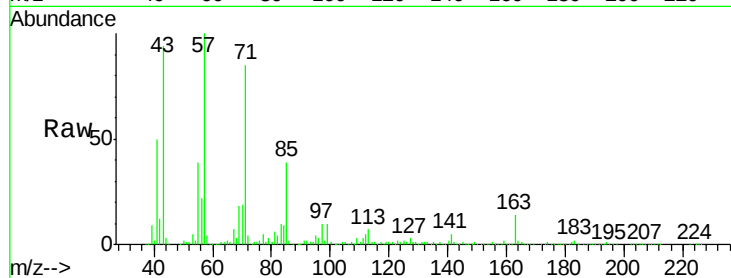




#44
Dimethylphthalate
Concen: 3.25 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BM009881.D
Acq: 03 May 2017 19:05

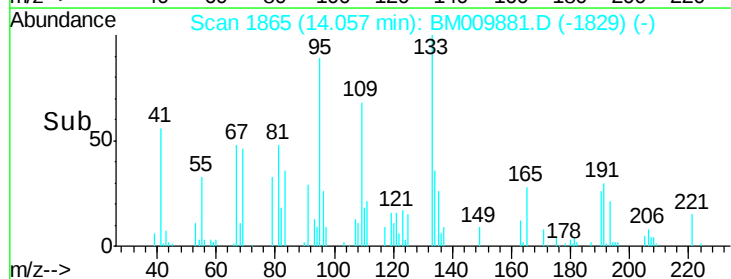
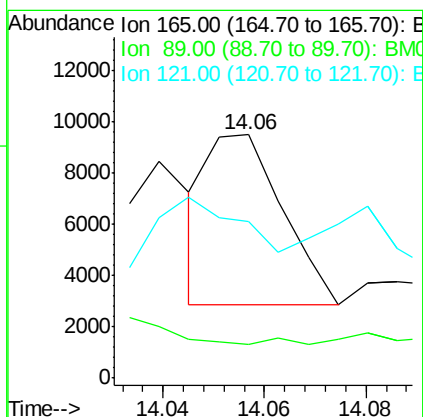
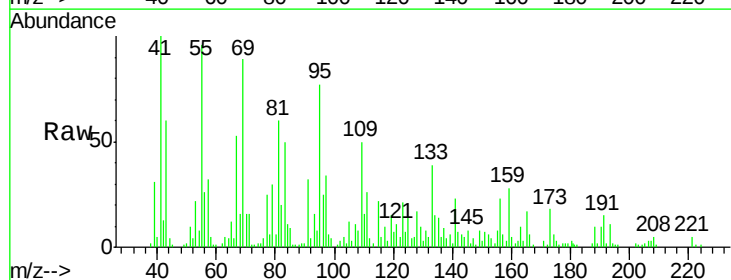
Instrument :
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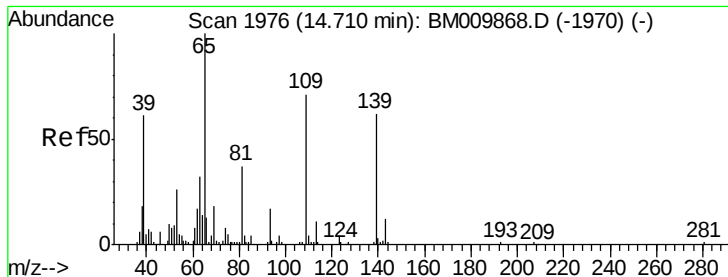
Tgt Ion:163 Resp: 102556
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 11.6 8.6 12.8



#45
2,6-Dinitrotoluene
Concen: 1.06 ng/ul
RT: 14.06 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BM009881.D
Acq: 03 May 2017 19:05

Tgt Ion:165 Resp: 6709
Ion Ratio Lower Upper
165 100
89 13.9 89.4 134.0#
121 64.4 21.6 32.4#





#52

4-Nitrophenol

Concen: 1.86 ng/ul

RT: 14.70 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BM009881.D

Acq: 03 May 2017 19:05

Instrument :

BNA_M

ClientSampleId :

JHT93RE

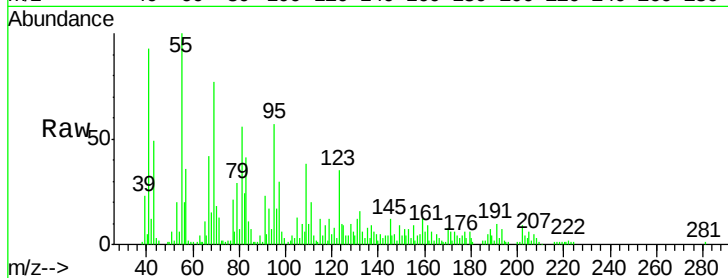
Tgt Ion:109 Resp: 13116

Ion Ratio Lower Upper

109 100

139 13.1 33.9 50.9#

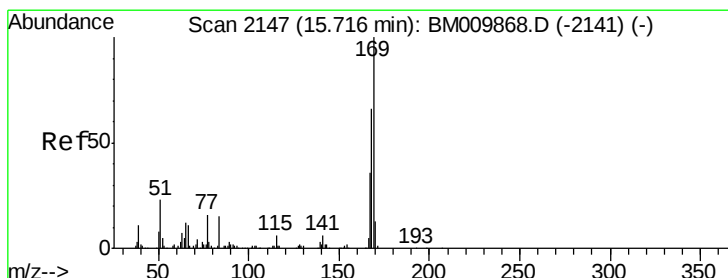
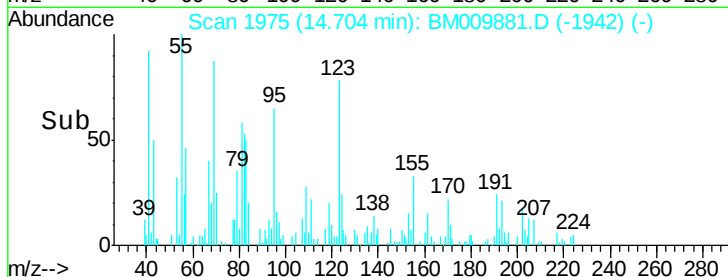
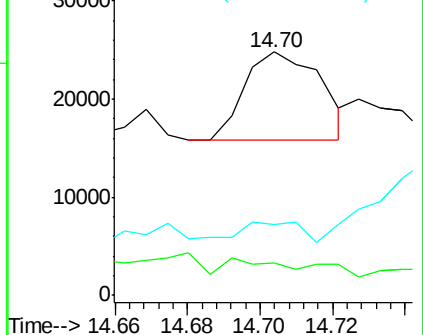
65 29.2 92.2 138.2#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#64

N-Nitrosodiphenylamine

Concen: 8.02 ng/ul

RT: 15.73 min Scan# 2149

Delta R.T. 0.01 min

Lab File: BM009881.D

Acq: 03 May 2017 19:05

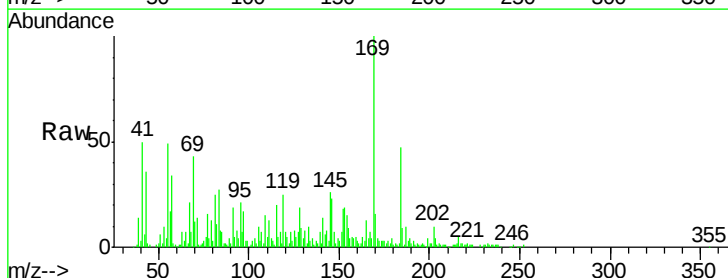
Tgt Ion:169 Resp: 175355

Ion Ratio Lower Upper

169 100

168 4.2 53.4 80.2#

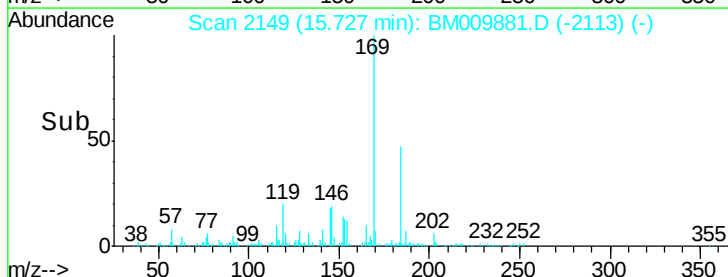
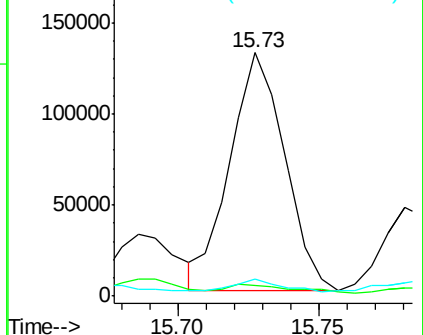
167 6.9 30.2 45.2#

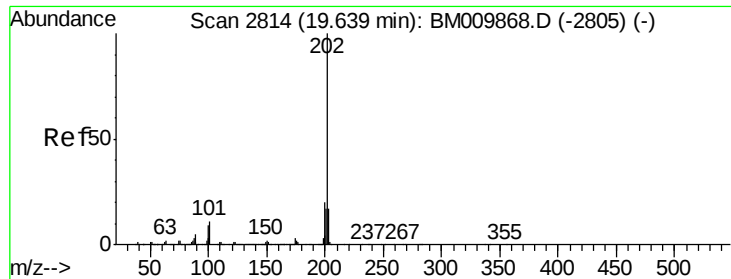


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#77

Pyrene

Concen: 1.58 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. 0.02 min

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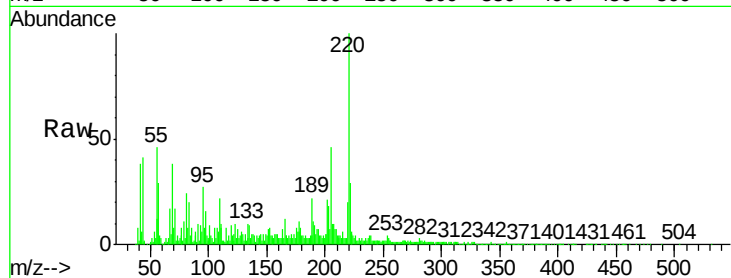
Tgt Ion: 202 Resp: 75028

Ion Ratio Lower Upper

202 100

101 42.5 6.2 9.4#

100 10.5 6.4 9.6#



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

