

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
 Data File : BM016881.D
 Acq On : 24 Sep 2018 17:56
 Operator : SJ/JU
 Sample : J5014-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 25 04:35:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 25 04:34:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	210929	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	913708	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	519808	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1170006	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1310122	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1368235	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	30279	6.14	ng/uL	0.00
5) Phenol-d5	6.89	99	151024	8.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	372892	33.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	424940	29.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	264373	19.20	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	263007	43.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	261378	47.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	496462	35.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	94018	5.61	ng/ul	-0.02
44) Dimethylphthalate-d6	13.77	166	1626166	38.96	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1966174	36.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	63039	9.20	ng/ul	0.00
58) Fluorene-d10	15.35	176	1441675	39.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	203842	42.44	ng/ul	0.00
71) Anthracene-d10	17.20	188	2255426	39.96	ng/ul	0.00
79) Pyrene-d10	19.49	212	2598003	40.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	2929562	41.05	ng/ul	0.00

Target Compounds

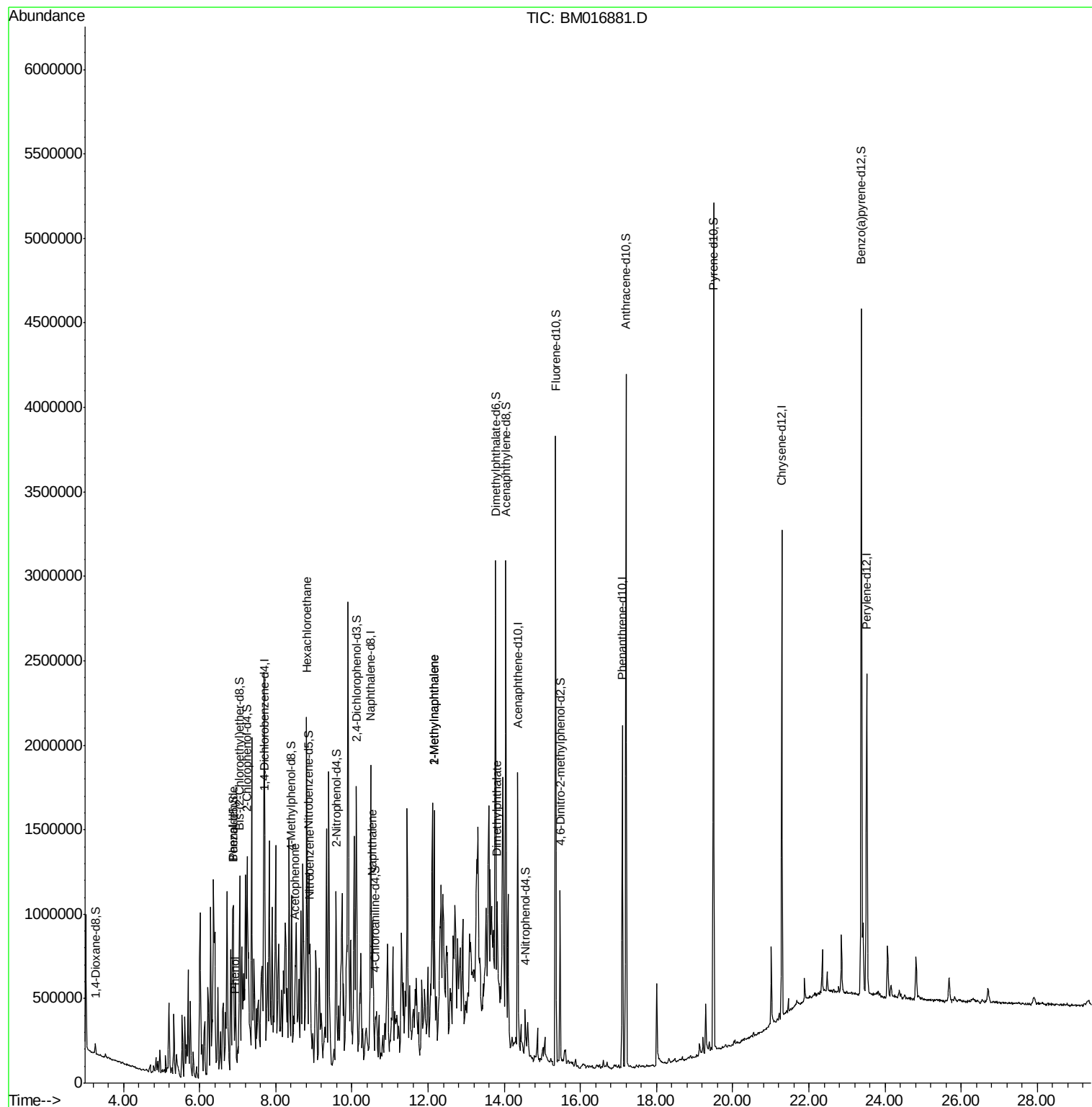
					Ovalue	
4) Benzaldehyde	6.87	77	17098	1.708	ng/ul#	1
6) Phenol	6.92	94	41351	2.328	ng/ul	98
14) Acetophenone	8.51	105	274328	12.857	ng/ul#	32
17) Hexachloroethane	8.82	117	129254	22.564	ng/ul#	1
20) Nitrobenzene	8.89	77	20997	1.383	ng/ul#	27
28) Naphthalene	10.55	128	116885	2.488	ng/ul#	84
34) 2-Methylnaphthalene	12.16	142	404389	12.216	ng/ul	100
35) 1-Methylnaphthalene	12.16	142	404389	12.216	ng/ul#	93
45) Dimethylphthalate	13.82	163	231788	5.682	ng/ul	98

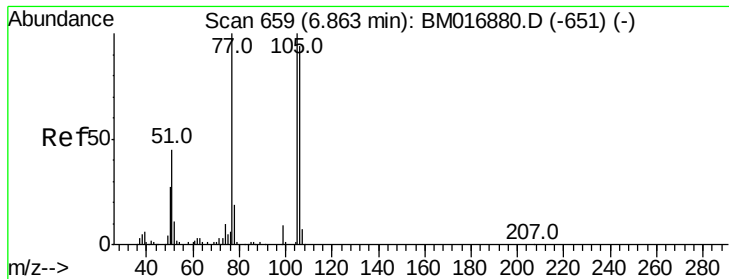
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.708 ng/ul

RT: 6.87 min Scan# 660

Delta R.T. 0.01 min

Lab File: BM016881.D

Acq: 24 Sep 2018 17:56

Instrument :

BNA_M

ClientSampled :

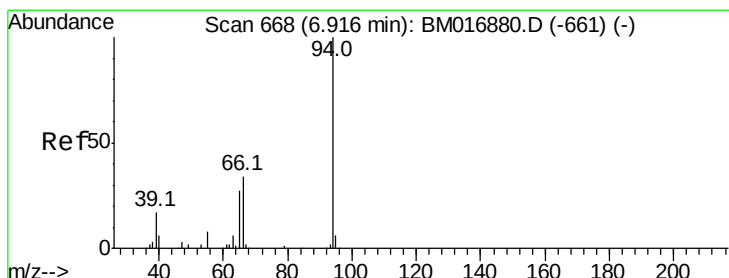
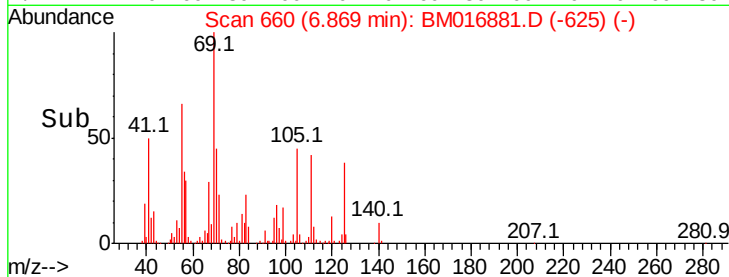
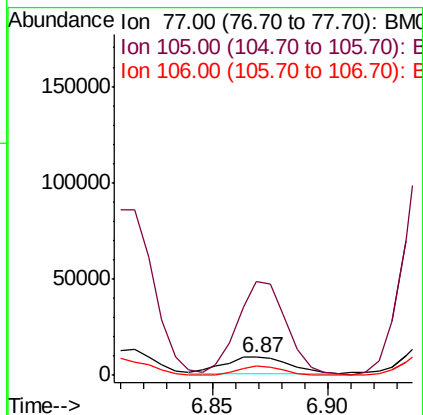
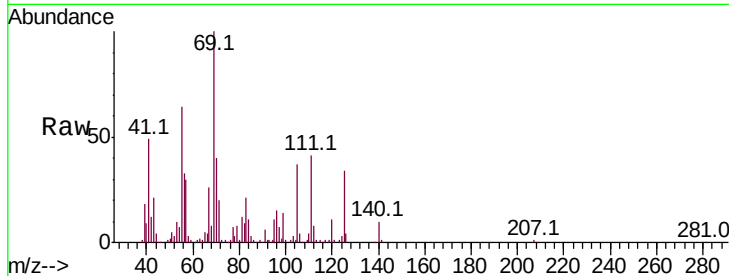
Tot Ion: 77 Resp: 17098

Ion Ratio Lower Upper

77 100

105 517.4 71.0 106.6#

106 48.8 69.5 104.3#



#6

Phenol

Concen: 2.328 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. 0.00 min

Lab File: BM016881.D

Acq: 24 Sep 2018 17:56

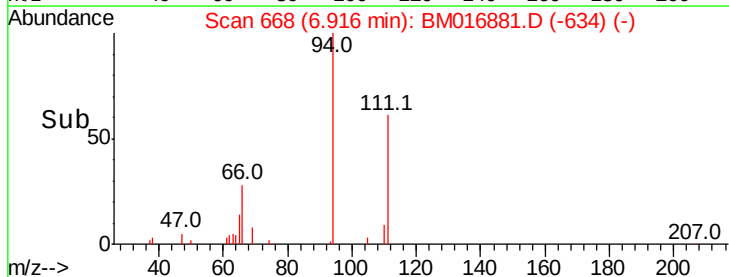
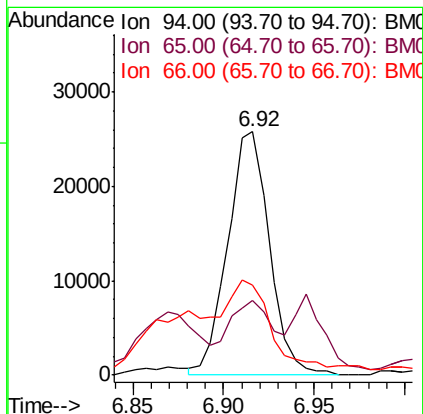
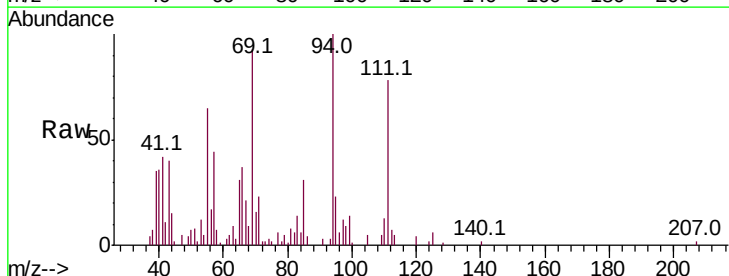
Tgt Ion: 94 Resp: 41351

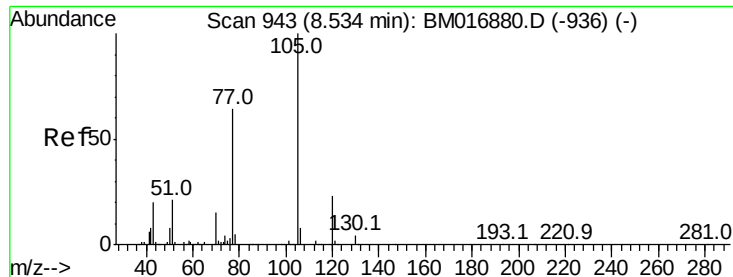
Ion Ratio Lower Upper

94 100

65 30.8 23.0 34.6

66 37.2 30.4 45.6





#14

Acetophenone

Concen: 12.857 ng/ul

RT: 8.51 min Scan# 939

Delta R.T. -0.02 min

Lab File: BM016881.D

Acq: 24 Sep 2018 17:56

Instrument :

BNA_M

ClientSampleId :

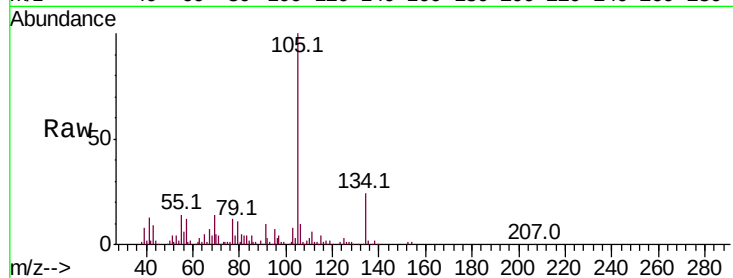
Tot Ion:105 Resp: 274328

Ion Ratio Lower Upper

105 100

77 12.5 63.2 94.8#

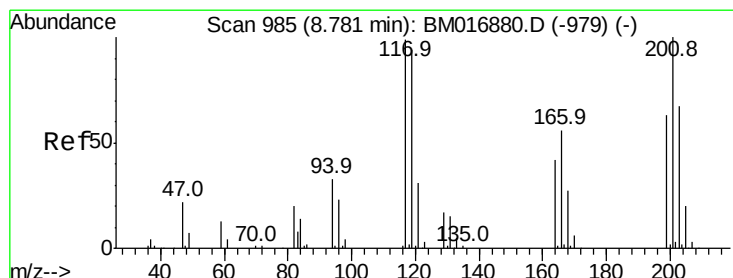
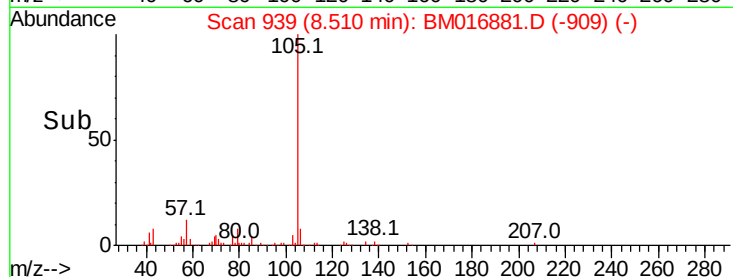
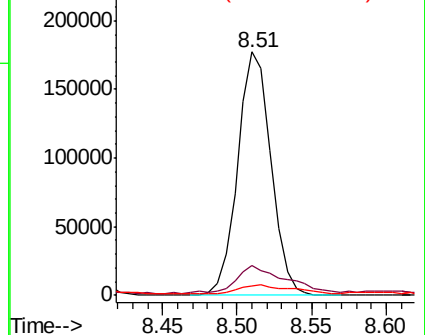
51 3.9 19.8 29.8#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#17

Hexachloroethane

Concen: 22.564 ng/ul

RT: 8.82 min Scan# 991

Delta R.T. 0.04 min

Lab File: BM016881.D

Acq: 24 Sep 2018 17:56

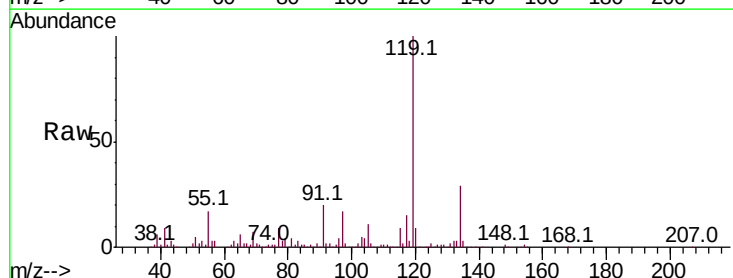
Tgt Ion:117 Resp: 129254

Ion Ratio Lower Upper

117 100

201 0.0 96.1 144.1#

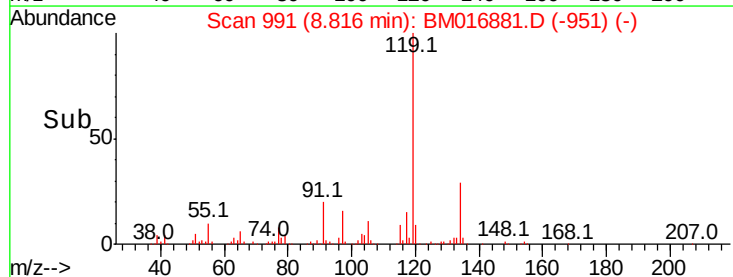
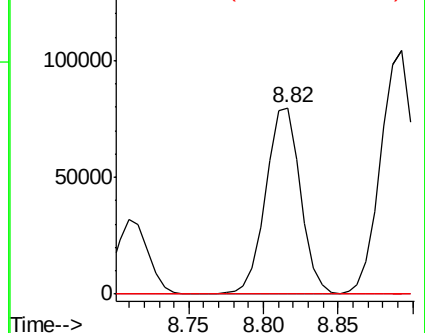
199 0.0 59.7 89.5#

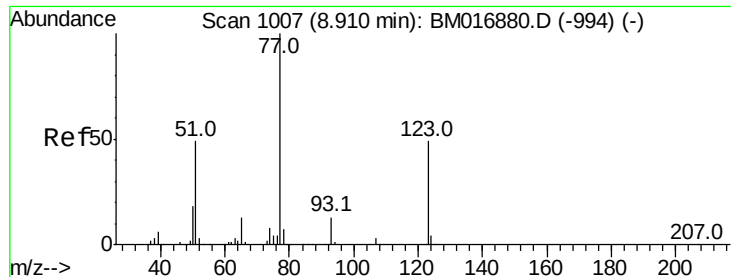


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

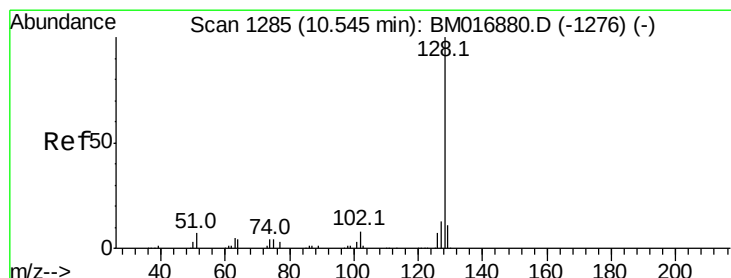
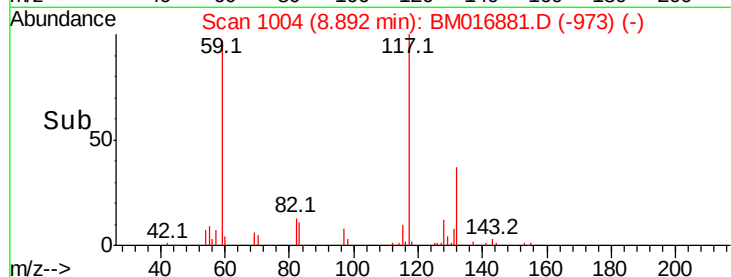
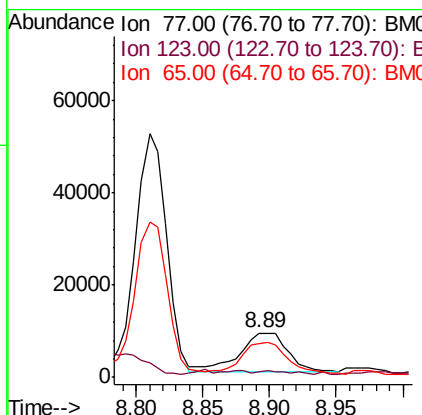
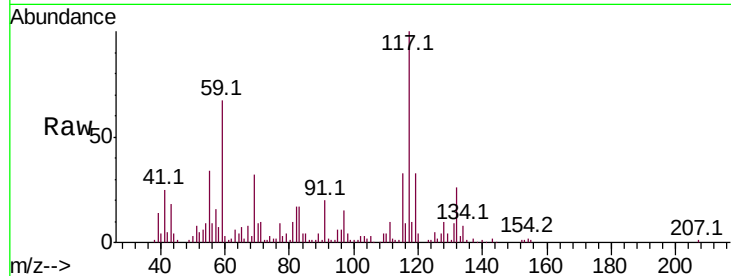




#20
Nitrobenzene
Concen: 1.383 ng/ul
RT: 8.89 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BM016881.D
Acq: 24 Sep 2018 17:56

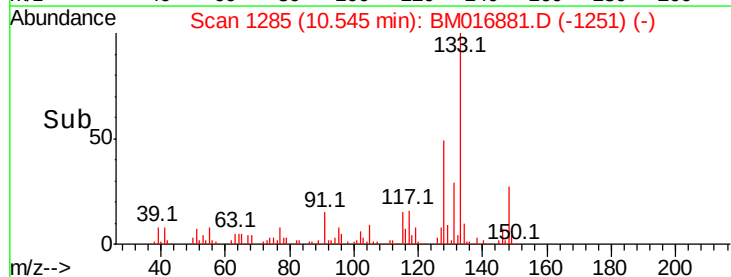
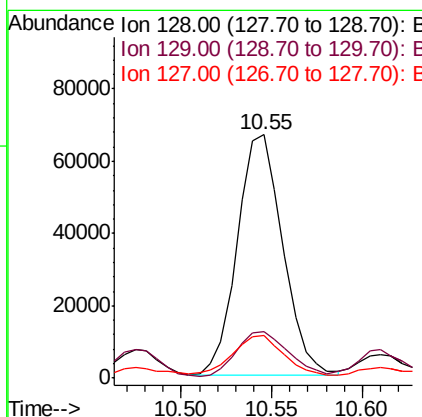
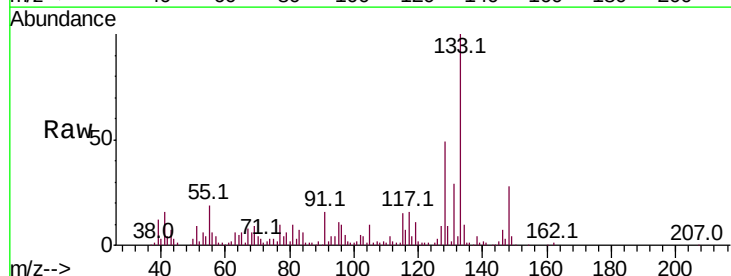
Instrument :
BNA_M
ClientSampleId :

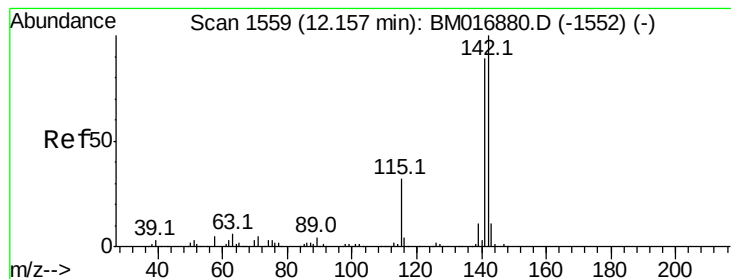
Tot Ion	Ratio	Lower	Upper
77	100		
123	12.6	31.8	47.8#
65	77.5	10.6	16.0#



#28
Naphthalene
Concen: 2.488 ng/ul
RT: 10.55 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BM016881.D
Acq: 24 Sep 2018 17:56

Tgt Ion	Ratio	Lower	Upper
128	100		
129	19.2	8.3	12.5#
127	17.7	10.8	16.2#





#34

2-Methylnaphthalene

Concen: 12.216 ng/ul

RT: 12.16 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BM016881.D

Acq: 24 Sep 2018 17:56

Instrument :

BNA_M

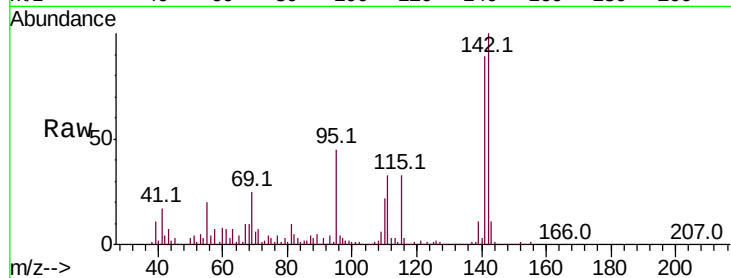
ClientSampleId :

Tot Ion:142 Resp: 404389

Ion Ratio Lower Upper

142 100

141 89.2 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

250000

200000

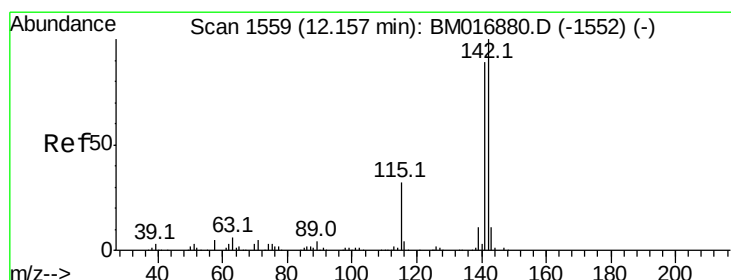
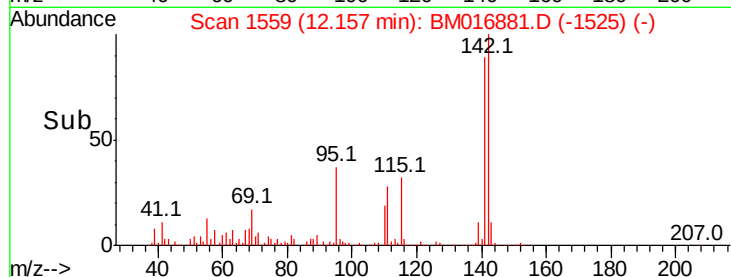
150000

100000

50000

0

Time--> 12.10 12.15 12.20



#35

1-Methylnaphthalene

Concen: 12.216 ng/ul

RT: 12.16 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BM016881.D

Acq: 24 Sep 2018 17:56

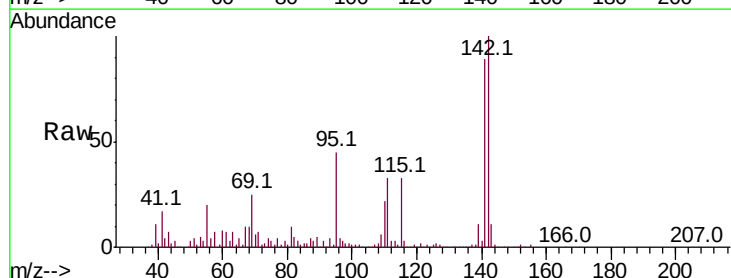
Tgt Ion:142 Resp: 404389

Ion Ratio Lower Upper

142 100

141 89.2 76.6 115.0

116 3.4 3.6 5.4#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

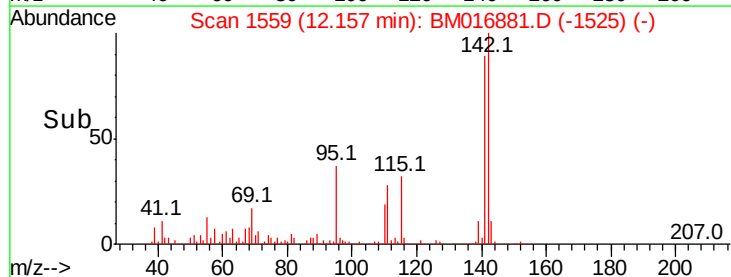
300000

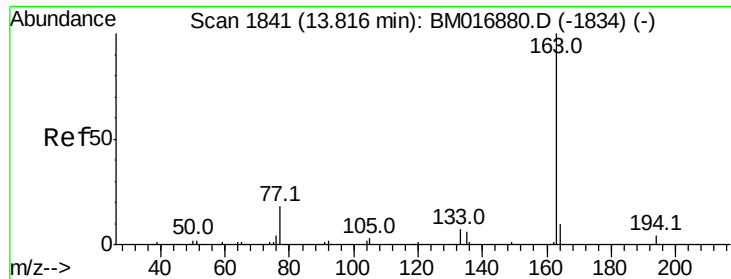
200000

100000

0

Time--> 12.10 12.15 12.20

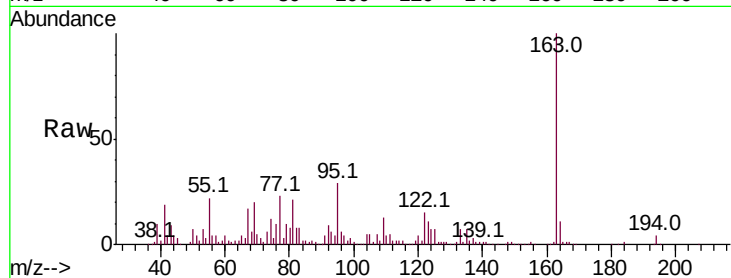




#45
 Dimethylphthalate
 Concen: 5.682 ng/ul
 RT: 13.82 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BM016881.D
 Acq: 24 Sep 2018 17:56

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	4.0	6.0
164	11.0	8.4	12.6



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

