

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
 Data File : BM016882.D
 Acq On : 24 Sep 2018 18:32
 Operator : SJ/JU
 Sample : J5014-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 25 04:35:17 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	244837	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1072606	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	615549	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1379050	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1555754	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1651209	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	30477	5.32	ng/uL	0.00
5) Phenol-d5	6.89	99	153952	7.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	350494	27.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	412175	24.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	271967	17.02	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	240080	34.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	247575	38.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	492232	30.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	90251	4.59	ng/ul	-0.02
44) Dimethylphthalate-d6	13.77	166	1582566	32.02	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1916552	30.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	64601	7.96	ng/ul	0.00
58) Fluorene-d10	15.35	176	1405348	32.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	194359	34.33	ng/ul	0.00
71) Anthracene-d10	17.20	188	2192751	32.96	ng/ul	0.00
79) Pyrene-d10	19.49	212	2512043	33.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	2820723	32.75	ng/ul	0.00

Target Compounds

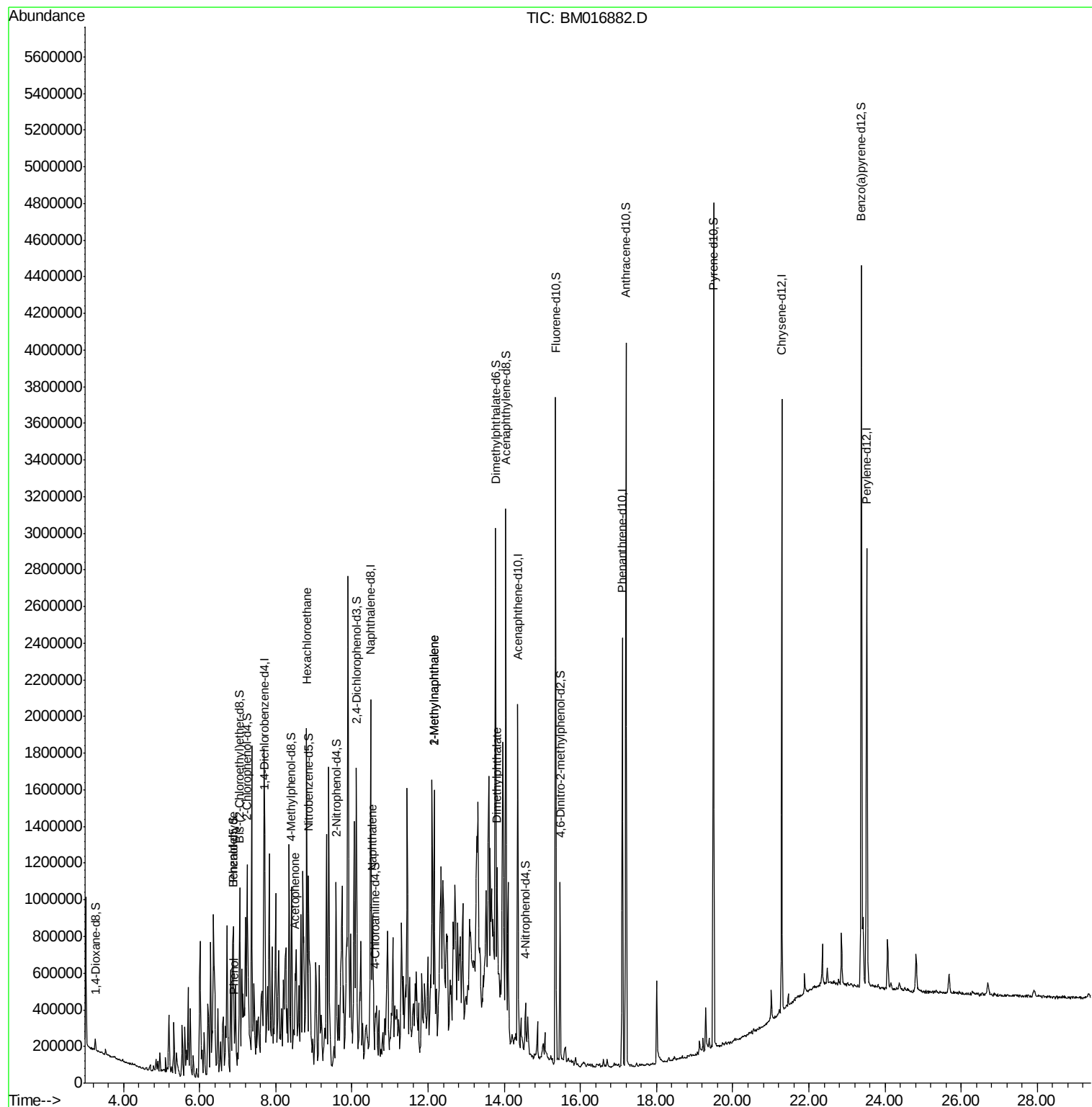
					Ovalue	
4) Benzaldehyde	6.87	77	13330	1.147	ng/ul#	1
6) Phenol	6.91	94	39682	1.925	ng/ul	98
14) Acetophenone	8.51	105	252296	10.187	ng/ul#	31
17) Hexachloroethane	8.81	117	121699	18.303	ng/ul#	1
28) Naphthalene	10.55	128	102714	1.862	ng/ul#	83
34) 2-Methylnaphthalene	12.16	142	383239	9.862	ng/ul	99
35) 1-Methylnaphthalene	12.16	142	383239	9.862	ng/ul	94
45) Dimethylphthalate	13.82	163	285878	5.918	ng/ul	99

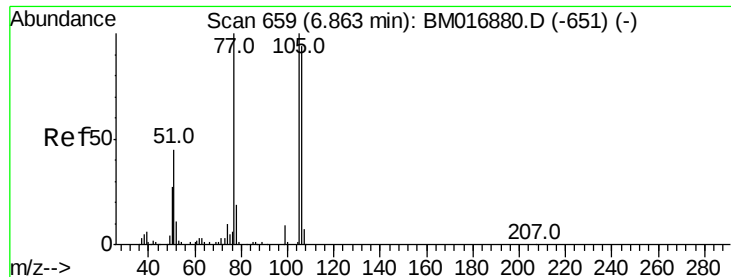
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.147 ng/ul

RT: 6.87 min Scan# 660

Delta R.T. 0.01 min

Lab File: BM016882.D

Acq: 24 Sep 2018 18:32

Instrument :

BNA_M

ClientSampleId :

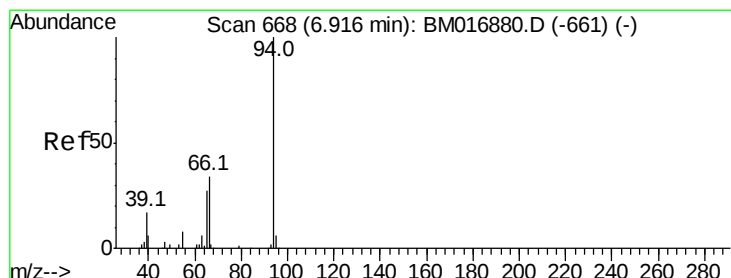
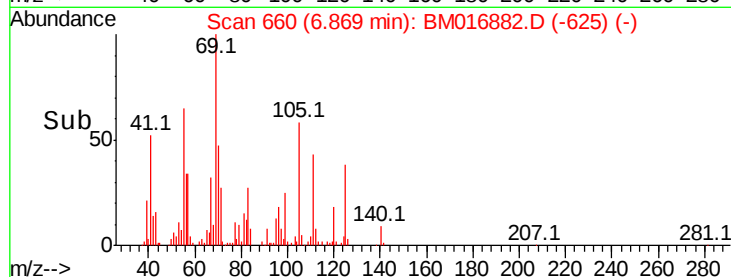
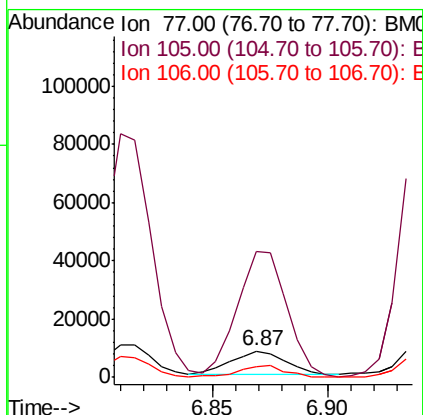
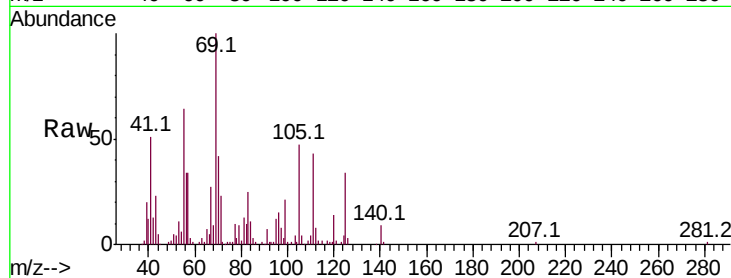
Tot Ion: 77 Resp: 13330

Ion Ratio Lower Upper

77 100

105 480.3 71.0 106.6#

106 42.7 69.5 104.3#



#6

Phenol

Concen: 1.925 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM016882.D

Acq: 24 Sep 2018 18:32

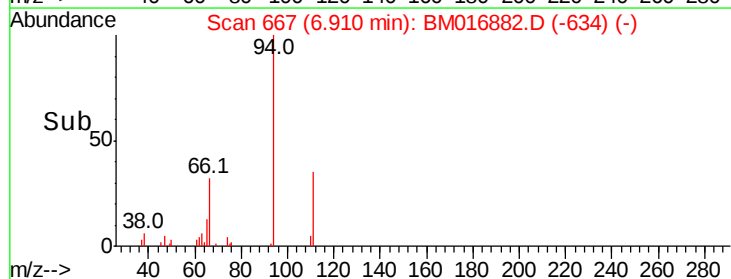
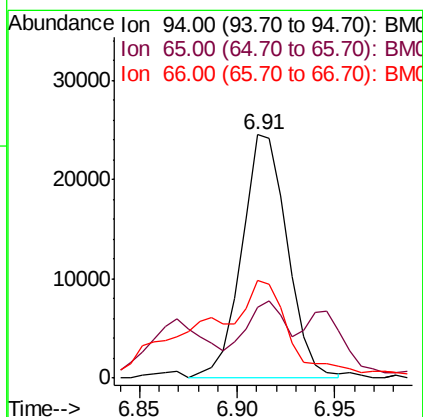
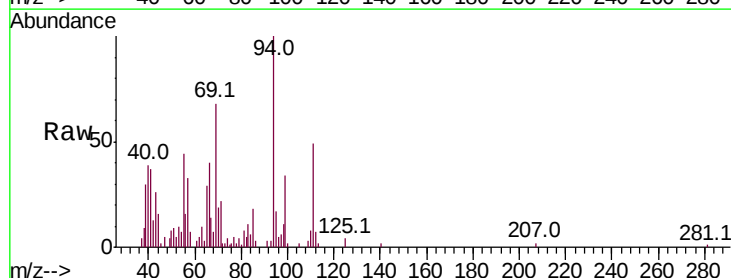
Tgt Ion: 94 Resp: 39682

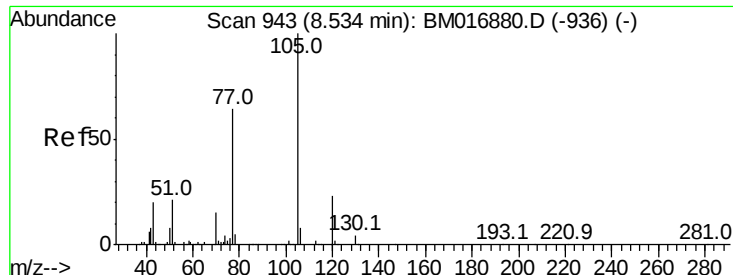
Ion Ratio Lower Upper

94 100

65 28.9 23.0 34.6

66 40.2 30.4 45.6





#14

Acetophenone

Concen: 10.187 ng/ul

RT: 8.51 min Scan# 939

Delta R.T. -0.02 min

Lab File: BM016882.D

Acq: 24 Sep 2018 18:32

Instrument :

BNA_M

ClientSampleId :

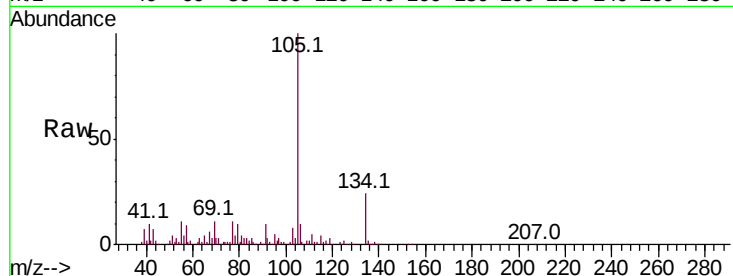
Tot Ion:105 Resp: 252296

Ion Ratio Lower Upper

105 100

77 11.3 63.2 94.8#

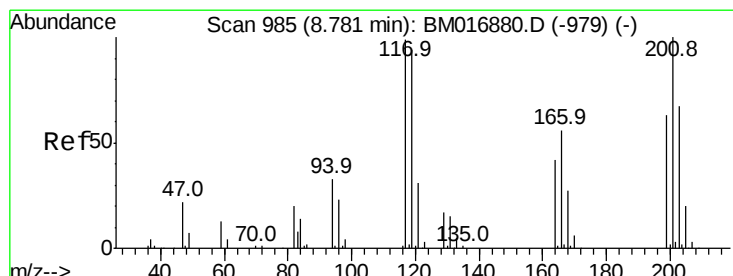
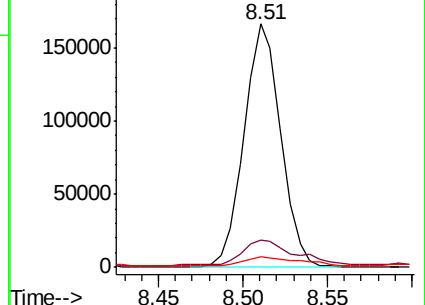
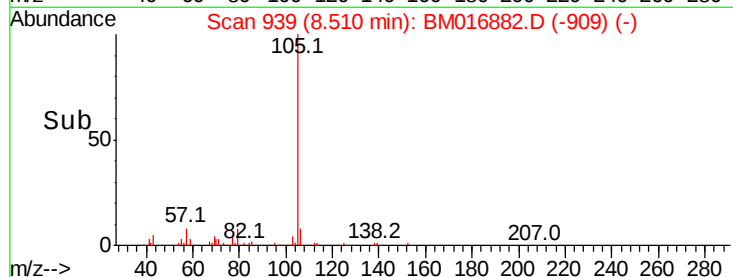
51 4.1 19.8 29.8#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#17

Hexachloroethane

Concen: 18.303 ng/ul

RT: 8.81 min Scan# 990

Delta R.T. 0.03 min

Lab File: BM016882.D

Acq: 24 Sep 2018 18:32

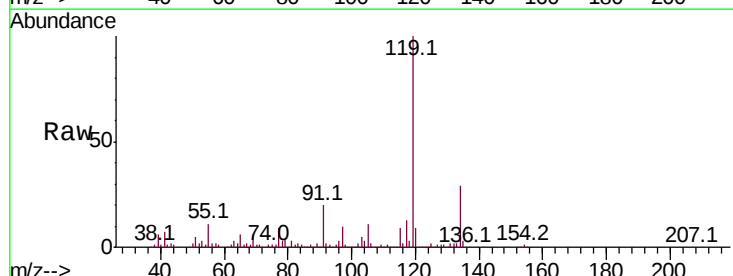
Tgt Ion:117 Resp: 121699

Ion Ratio Lower Upper

117 100

201 0.0 96.1 144.1#

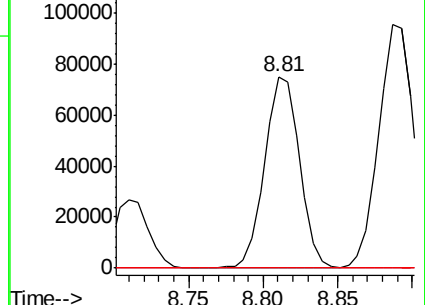
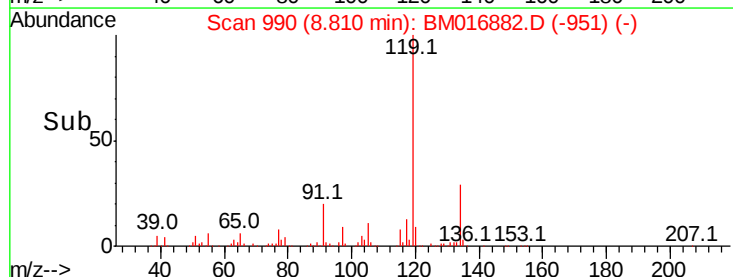
199 0.0 59.7 89.5#

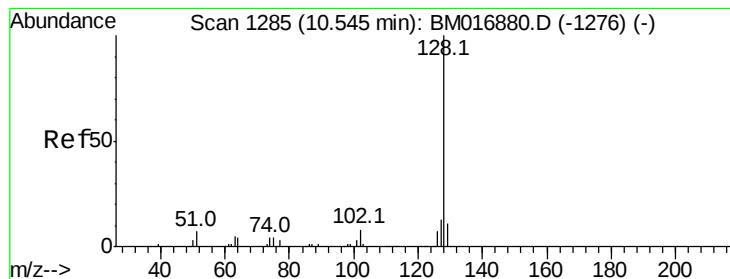


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#28

Naphthalene

Concen: 1.862 ng/ul

RT: 10.55 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BM016882.D

Acq: 24 Sep 2018 18:32

Instrument :

BNA_M

ClientSampleId :

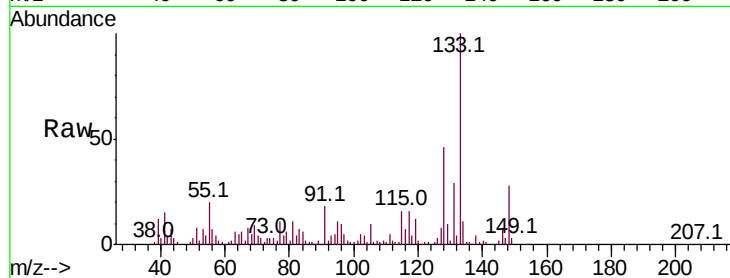
Tot Ion:128 Resp: 102714

Ion Ratio Lower Upper

128 100

129 20.9 8.3 12.5#

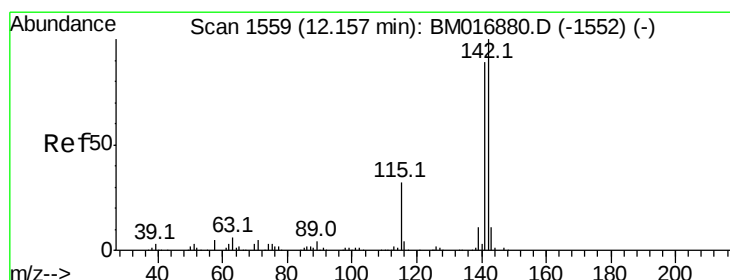
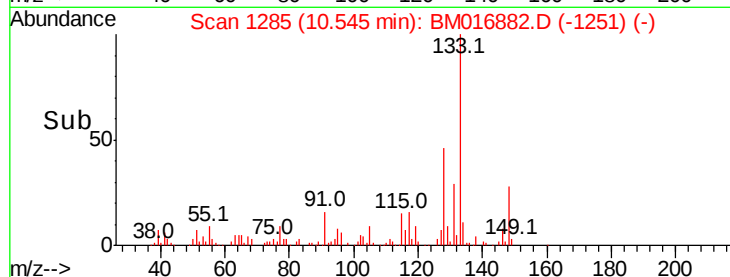
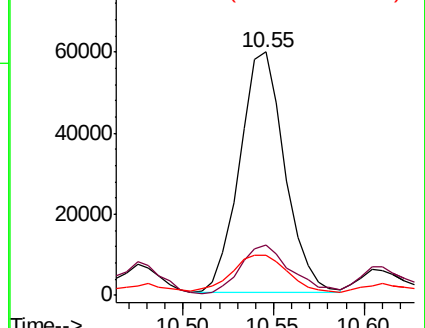
127 16.7 10.8 16.2#



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: 9.862 ng/ul

RT: 12.16 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BM016882.D

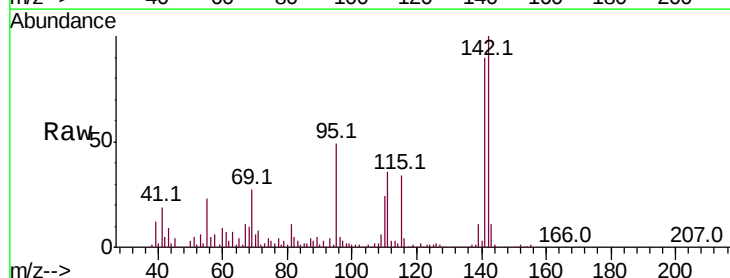
Acq: 24 Sep 2018 18:32

Tgt Ion:142 Resp: 383239

Ion Ratio Lower Upper

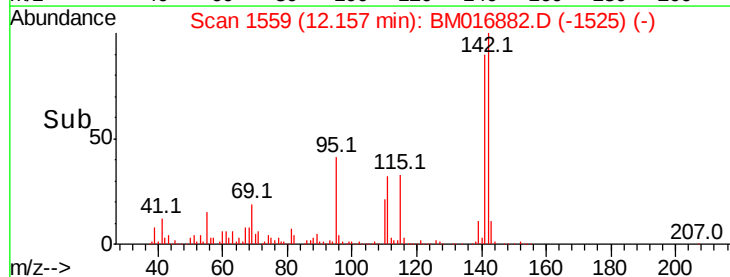
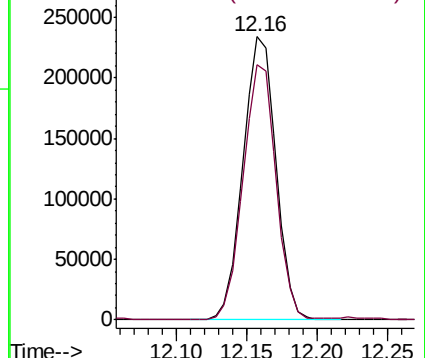
142 100

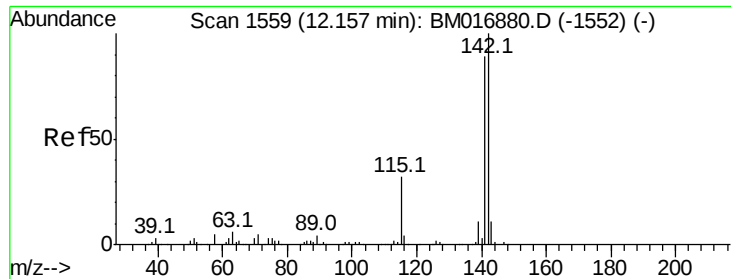
141 90.2 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#35

1-Methyl-naphthalene

Concen: 9.862 ng/ul

RT: 12.16 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BM016882.D

Acq: 24 Sep 2018 18:32

Instrument :

BNA_M

ClientSampleId :

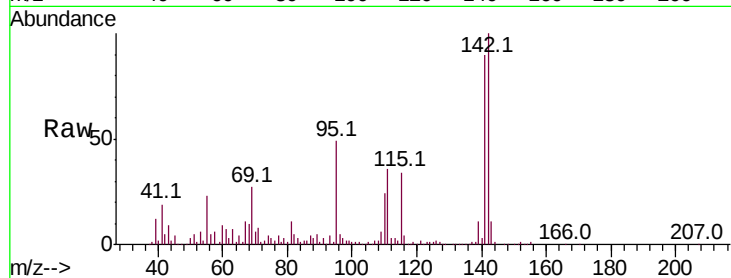
Tot Ion:142 Resp: 383239

Ion Ratio Lower Upper

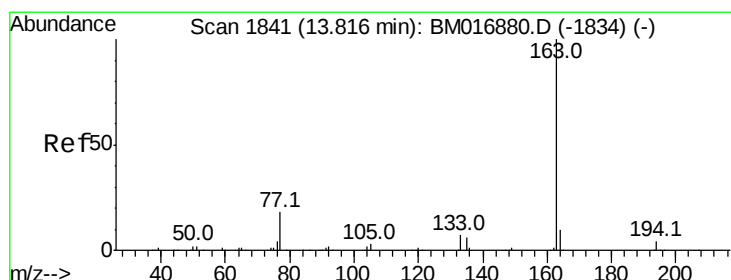
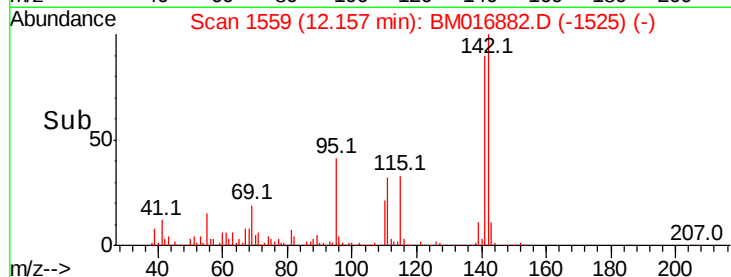
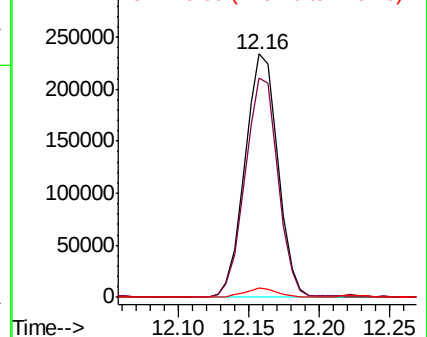
142 100

141 90.2 76.6 115.0

116 3.8 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



#45

Dimethylphthalate

Concen: 5.918 ng/ul

RT: 13.82 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BM016882.D

Acq: 24 Sep 2018 18:32

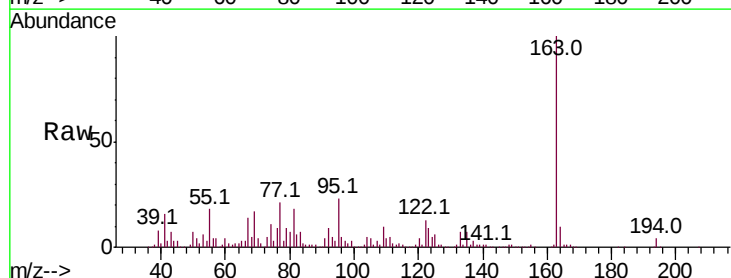
Tgt Ion:163 Resp: 285878

Ion Ratio Lower Upper

163 100

194 4.3 4.0 6.0

164 10.2 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

