

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
 Data File : BM022888.D
 Acq On : 02 Oct 2019 12:15
 Operator : JU
 Sample : K4932-18
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 03 00:58:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	239542	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	1062158	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.43	164	626031	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1067079	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	788394	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	916451	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	21723	3.92	ng/uL	0.00
5) Phenol-d5	6.97	99	144901	6.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	285842	24.68	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	359533	21.09	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	253159	14.61	ng/ul	-0.01
19) Nitrobenzene-d5	8.95	128	210515	25.68	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.67	143	223107	24.93	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.21	165	425447	23.87	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	424540	19.61	ng/ul	-0.01
44) Dimethylphthalate-d6	13.84	166	1303160	26.82	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1474602	26.29	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	57258	5.96	ng/ul	0.00
58) Fluorene-d10	15.43	176	1067266	25.77	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	149723	21.56	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1517616	29.12	ng/ul	-0.01
79) Pyrene-d10	19.57	212	1416698	33.39	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.48	264	1410945	29.76	ng/ul	-0.02

Target Compounds

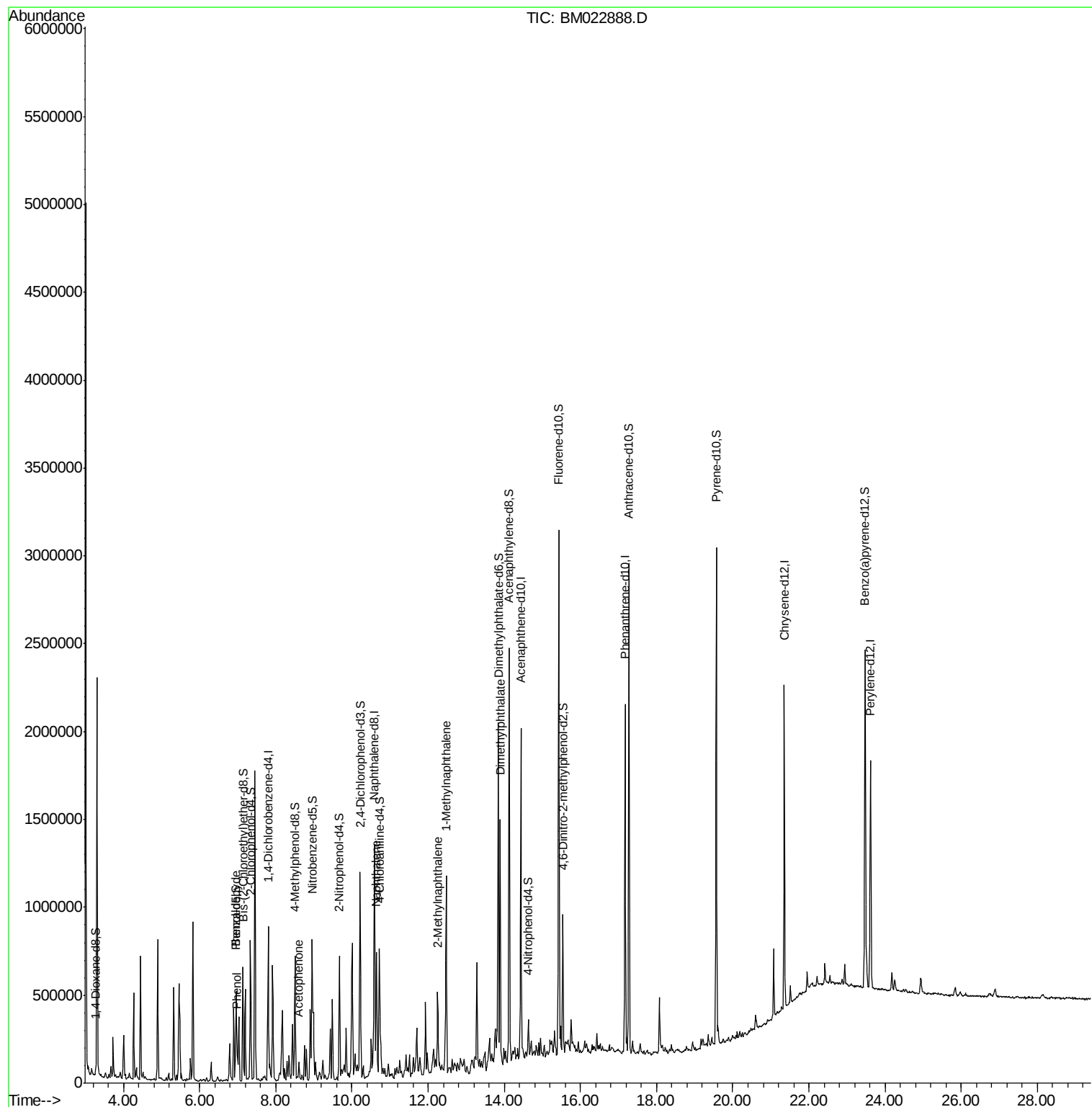
					Ovalue	
4) Benzaldehyde	6.95	77	30304	3.159	ng/ul#	1
6) Phenol	6.99	94	76418	3.444	ng/ul	97
14) Acetophenone	8.61	105	78373	2.959	ng/ul#	40
28) Naphthalene	10.64	128	473911	8.262	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	219698	5.108	ng/ul	99
35) 1-Methylnaphthalene	12.47	142	491628	11.969	ng/ul	99
45) Dimethylphthalate	13.89	163	873424	17.500	ng/ul	100

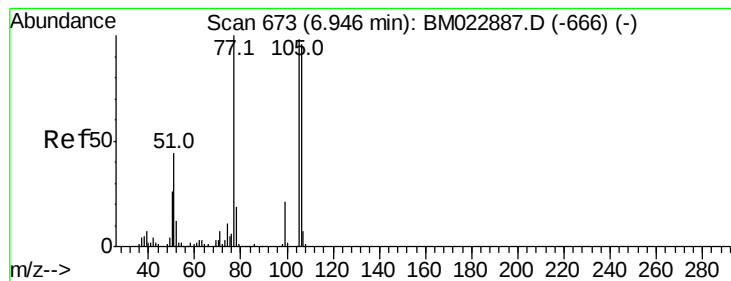
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 3.159 ng/ul

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM022888.D

Acq: 02 Oct 2019 12:15

Instrument :

BNA_M

ClientSampleId :

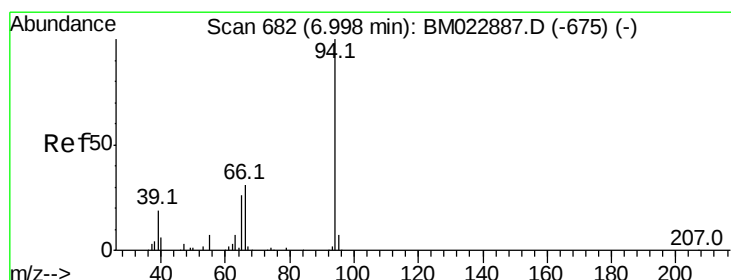
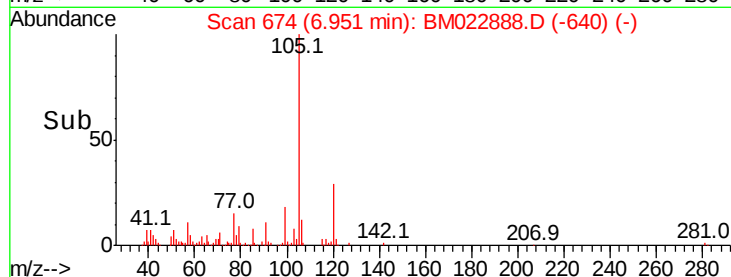
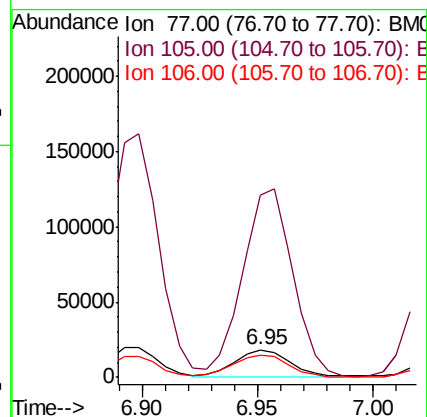
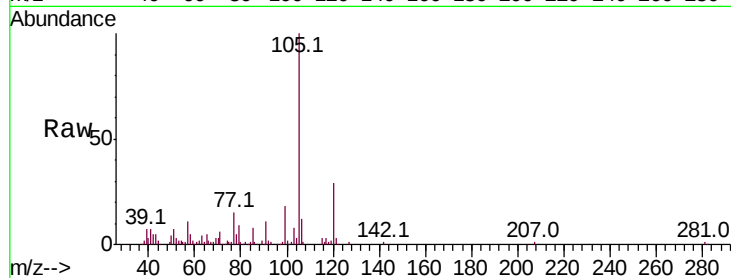
Tot Ion: 77 Resp: 30304

Ion Ratio Lower Upper

77 100

105 662.9 80.6 120.8#

106 81.5 77.0 115.6



#6

Phenol

Concen: 3.444 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM022888.D

Acq: 02 Oct 2019 12:15

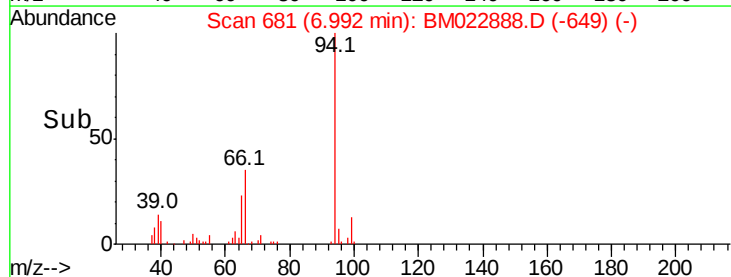
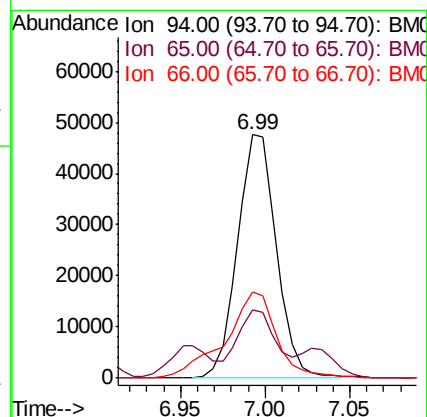
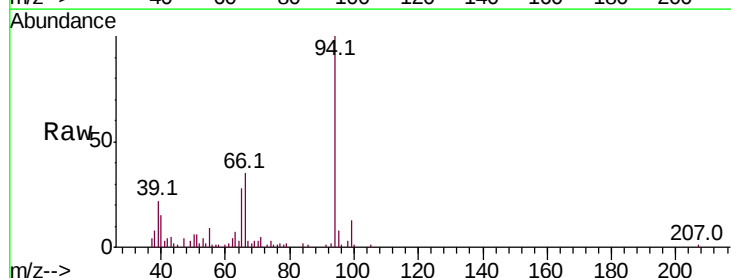
Tgt Ion: 94 Resp: 76418

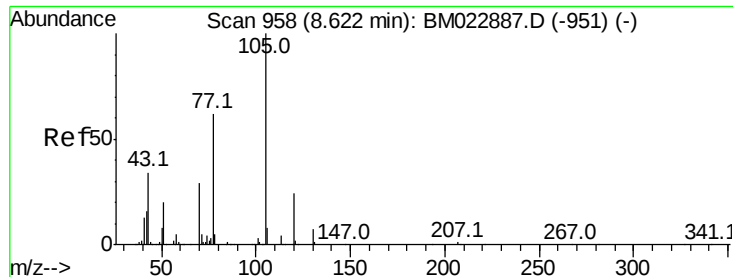
Ion Ratio Lower Upper

94 100

65 27.9 20.9 31.3

66 35.4 27.2 40.8





#14

Acetophenone

Concen: 2.959 ng/ul

RT: 8.61 min Scan# 956

Delta R.T. -0.02 min

Lab File: BM022888.D

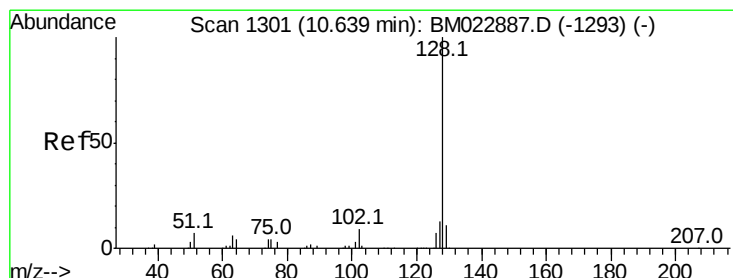
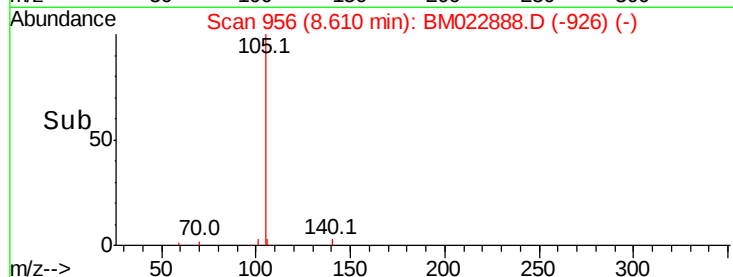
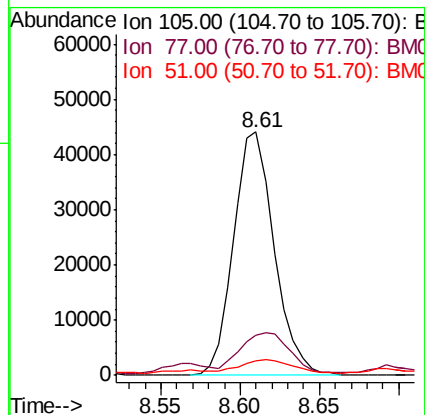
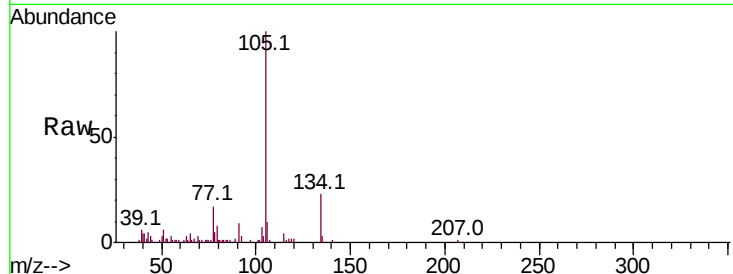
Acq: 02 Oct 2019 12:15

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	105	Resp:	78373
Ion	Ratio	Lower	Upper
105	100		
77	16.6	59.4	89.0#
51	5.8	19.4	29.0#



#28

Naphthalene

Concen: 8.262 ng/ul

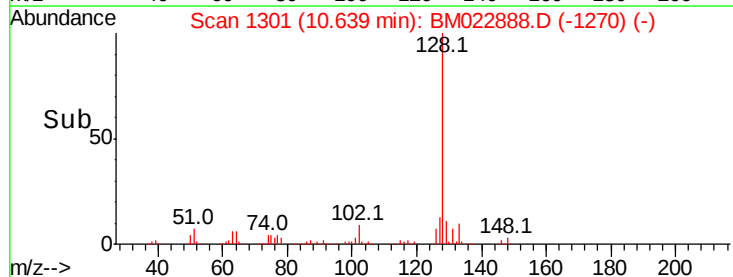
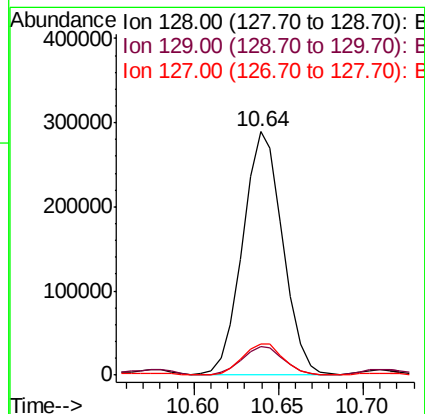
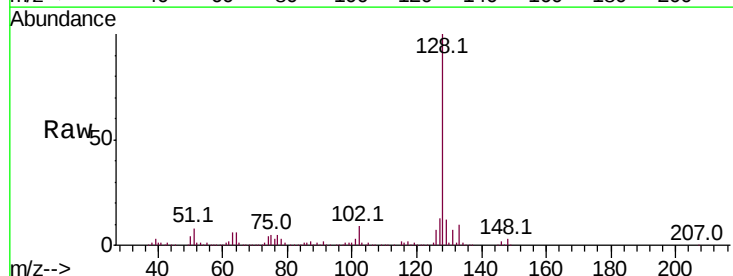
RT: 10.64 min Scan# 1301

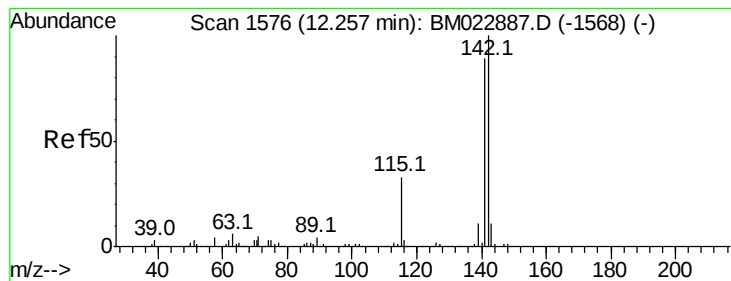
Delta R.T. -0.02 min

Lab File: BM022888.D

Acq: 02 Oct 2019 12:15

Tgt Ion:	128	Resp:	473911
Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	13.0
127	12.7	10.2	15.4





#34

2-Methylnaphthalene

Concen: 5.108 ng/ul

RT: 12.26 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BM022888.D

Acq: 02 Oct 2019 12:15

Instrument :

BNA_M

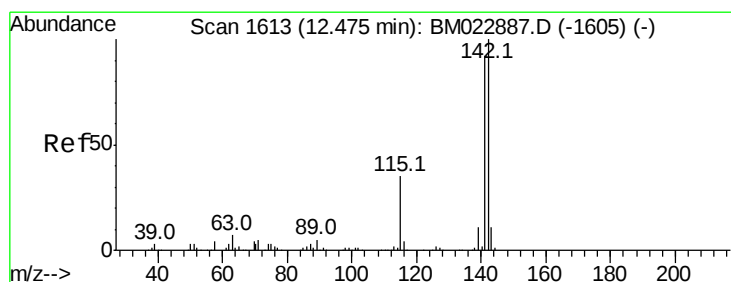
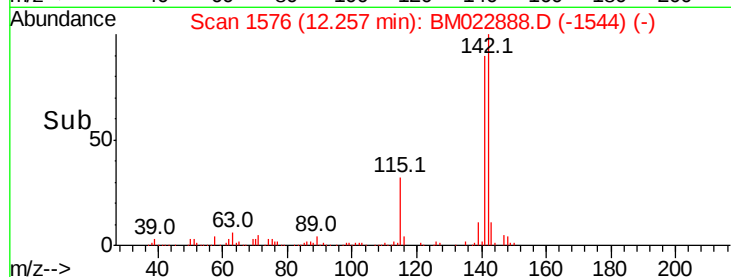
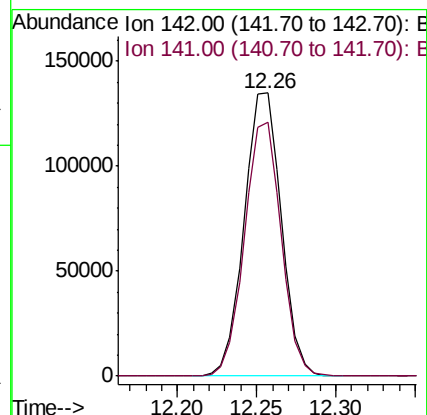
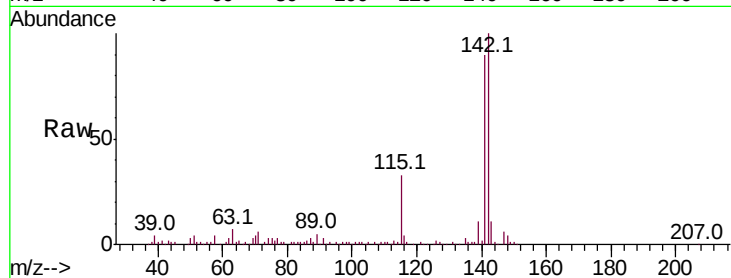
ClientSampleId :

Tot Ion:142 Resp: 219698

Ion Ratio Lower Upper

142 100

141 89.6 71.2 106.8



#35

1-Methylnaphthalene

Concen: 11.969 ng/ul

RT: 12.47 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BM022888.D

Acq: 02 Oct 2019 12:15

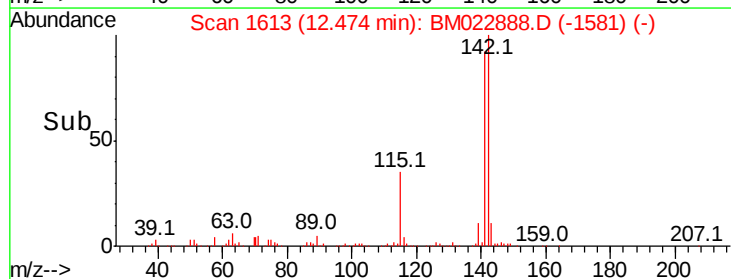
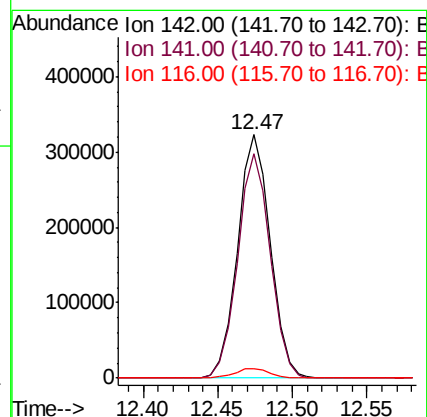
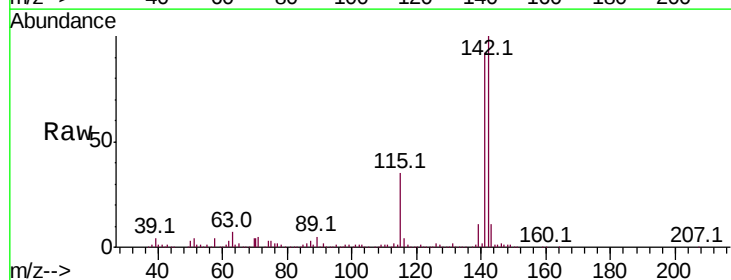
Tgt Ion:142 Resp: 491628

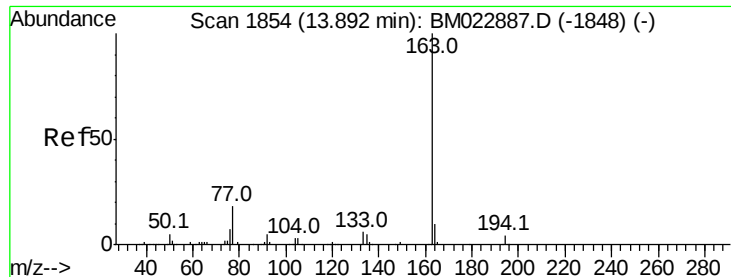
Ion Ratio Lower Upper

142 100

141 91.9 73.0 109.6

116 3.7 2.9 4.3





#45

Dimethylphthalate

Concen: 17.500 ng/ul

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM022888.D

Acq: 02 Oct 2019 12:15

Instrument :

BNA_M

ClientSampleId :

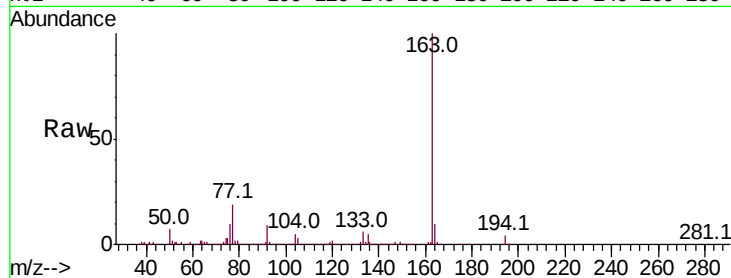
Tot Ion:163 Resp: 873424

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.2 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

