

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
 Data File : BM022884.D
 Acq On : 02 Oct 2019 09:48
 Operator : JU
 Sample : K4932-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 02 10:50:56 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	337177	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	1399628	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.43	164	772573	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1317505	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	1157988	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	1370915	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	40026	5.13	ng/uL	0.00
5) Phenol-d5	6.97	99	1435	0.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	347335	21.30	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	456	0.02	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	6961	0.29	ng/ul	-0.01
19) Nitrobenzene-d5	8.95	128	251454	23.28	ng/ul	-0.01
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.22	165	415	0.02	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.72	131	689548	24.17	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	1003438	16.74	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1652468	23.87	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.61	143	151	0.01	ng/ul	-0.03
58) Fluorene-d10	15.43	176	1178075	23.05	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.27	188	1730745	26.90	ng/ul	-0.01
79) Pyrene-d10	19.57	212	1785608	28.65	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.47	264	1990475	28.07	ng/ul	-0.02

Target Compounds

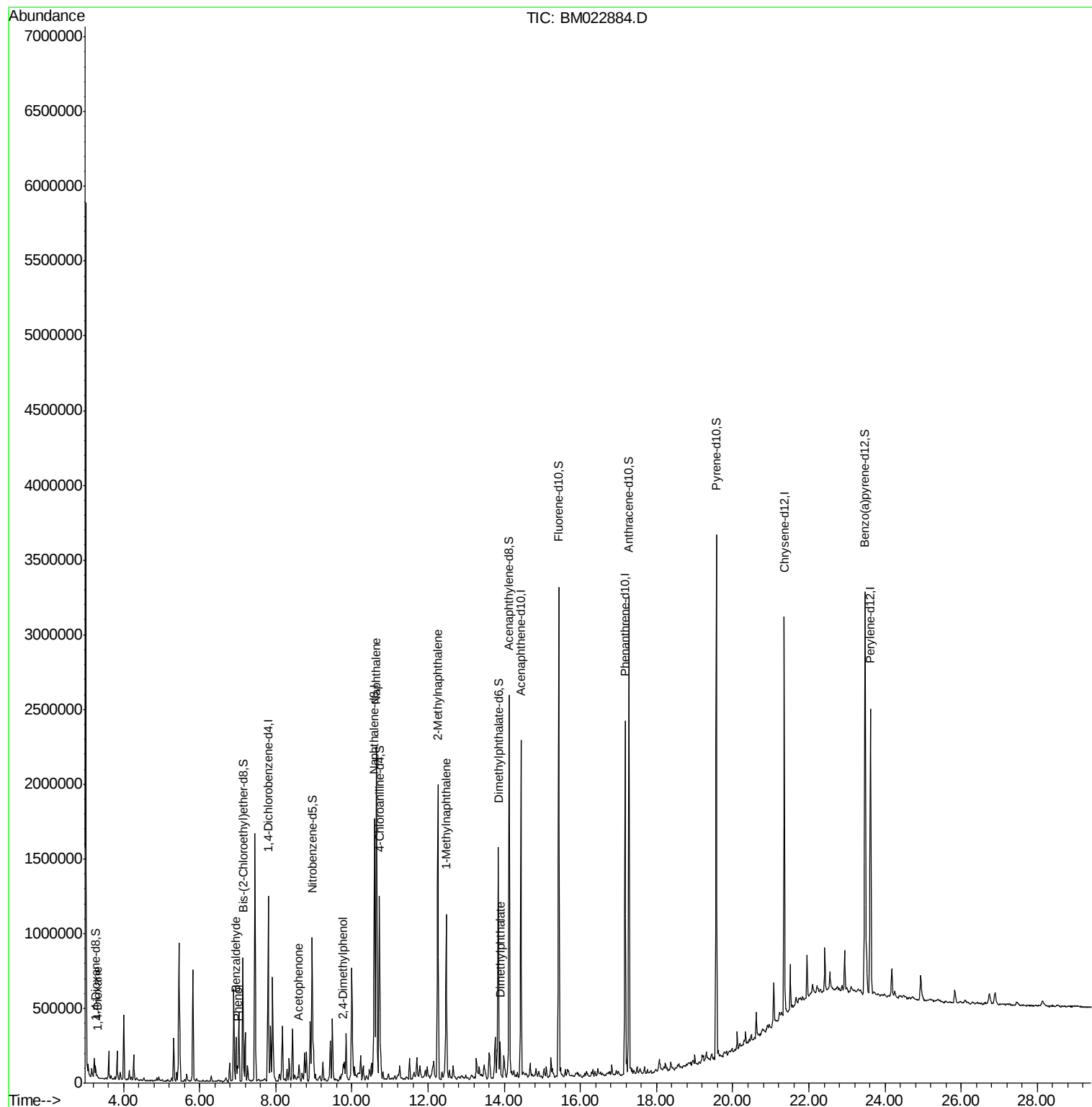
					Ovalue
2) 1,4-Dioxane	3.31	88	7771	1.008	ng/uL# 62
4) Benzaldehyde	6.95	77	26205	1.941	ng/ul# 1
6) Phenol	7.00	94	58540	1.874	ng/ul 99
14) Acetophenone	8.61	105	86198	2.312	ng/ul# 51
24) 2,4-Dimethylphenol	9.77	107	37810	1.439	ng/ul 97
28) Naphthalene	10.64	128	1749347	23.143	ng/ul 99
34) 2-Methylnaphthalene	12.26	142	943752	16.653	ng/ul 99
35) 1-Methylnaphthalene	12.47	142	502077	9.276	ng/ul 100
45) Dimethylphthalate	13.89	163	143580	2.331	ng/ul 99

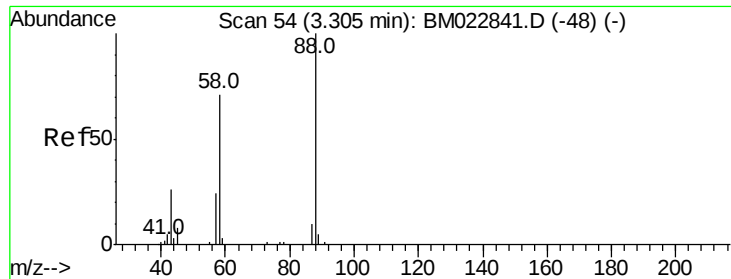
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.008 ng/uL

RT: 3.31 min Scan# 55

Delta R.T. 0.01 min

Lab File: BM022884.D

Acq: 02 Oct 2019 09:48

Instrument :

BNA_M

ClientSampleId :

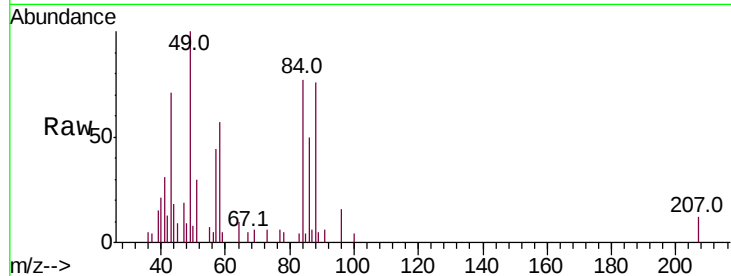
Tot Ion: 88 Resp: 7771

Ion Ratio Lower Upper

88 100

43 93.8 25.3 37.9#

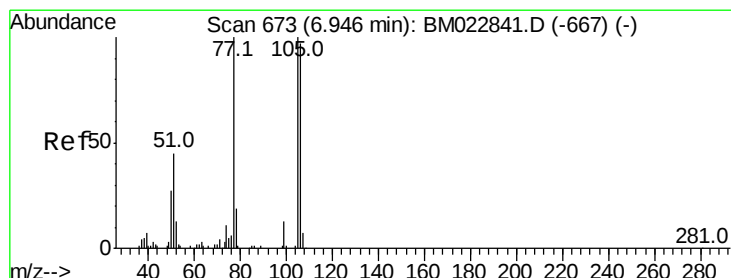
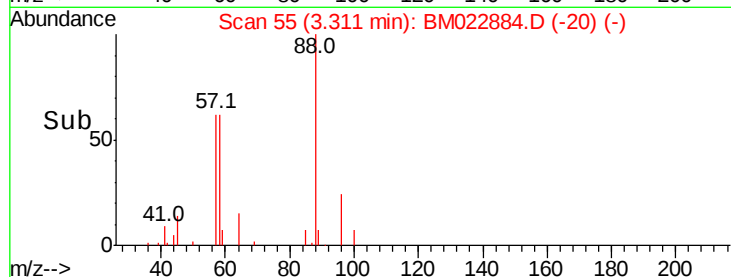
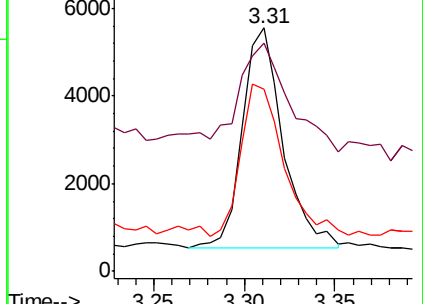
58 74.7 56.6 84.8



Abundance Ion 88.00 (87.70 to 88.70): BM022884.D (-48) (-)

Ion 43.00 (42.70 to 43.70): BM022884.D (-48) (-)

Ion 58.00 (57.70 to 58.70): BM022884.D (-48) (-)



#4

Benzaldehyde

Concen: 1.941 ng/uL

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM022884.D

Acq: 02 Oct 2019 09:48

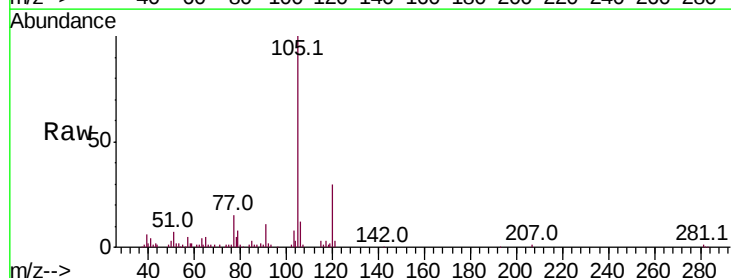
Tgt Ion: 77 Resp: 26205

Ion Ratio Lower Upper

77 100

105 667.6 80.6 120.8#

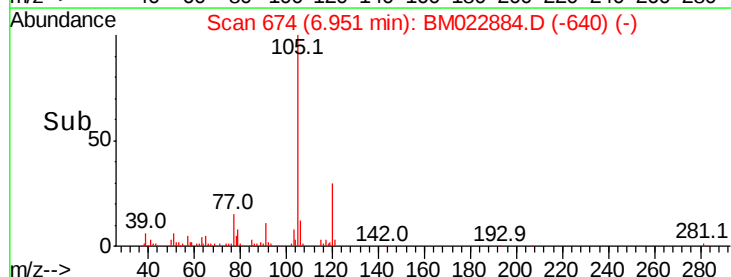
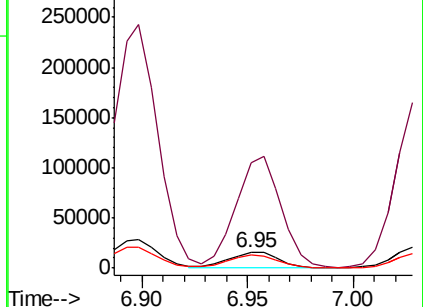
106 81.3 77.0 115.6

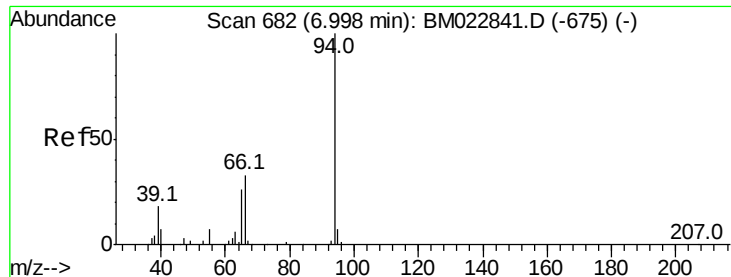


Abundance Ion 77.00 (76.70 to 77.70): BM022884.D (-667) (-)

Ion 105.00 (104.70 to 105.70): BM022884.D (-667) (-)

Ion 106.00 (105.70 to 106.70): BM022884.D (-667) (-)





#6

Phenol

Concen: 1.874 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM022884.D

Acq: 02 Oct 2019 09:48

Instrument :

BNA_M

ClientSampleId :

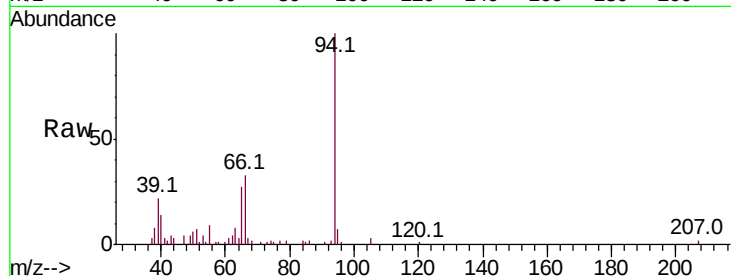
Tot Ion: 94 Resp: 58540

Ion Ratio Lower Upper

94 100

65 26.6 20.9 31.3

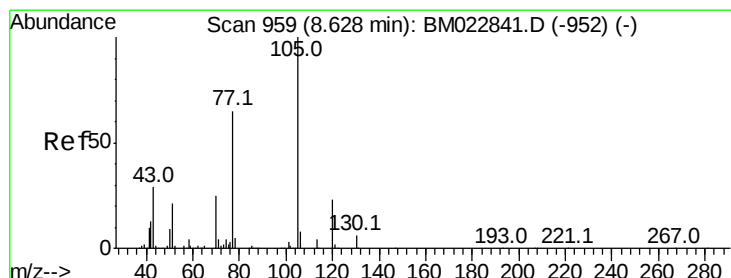
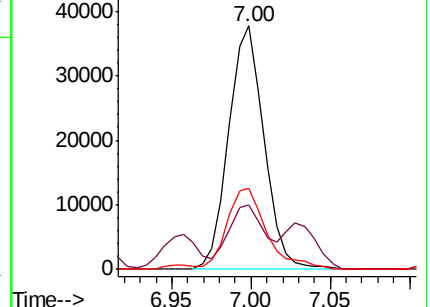
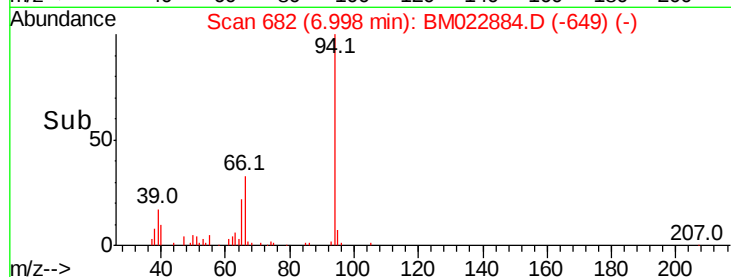
66 33.4 27.2 40.8



Abundance Ion 94.00 (93.70 to 94.70): BM022884.D (-675) (-)

Ion 65.00 (64.70 to 65.70): BM022884.D (-675) (-)

Ion 66.00 (65.70 to 66.70): BM022884.D (-675) (-)



#14

Acetophenone

Concen: 2.312 ng/ul

RT: 8.61 min Scan# 956

Delta R.T. -0.02 min

Lab File: BM022884.D

Acq: 02 Oct 2019 09:48

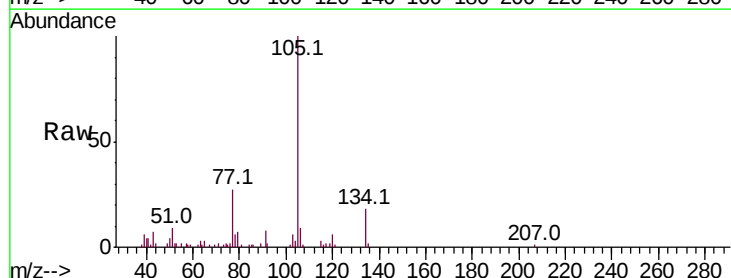
Tgt Ion: 105 Resp: 86198

Ion Ratio Lower Upper

105 100

77 27.4 59.4 89.0#

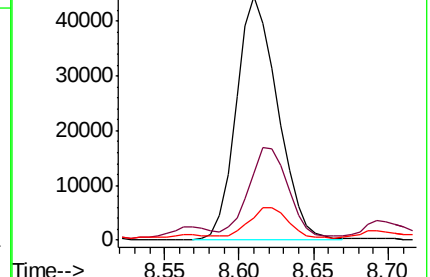
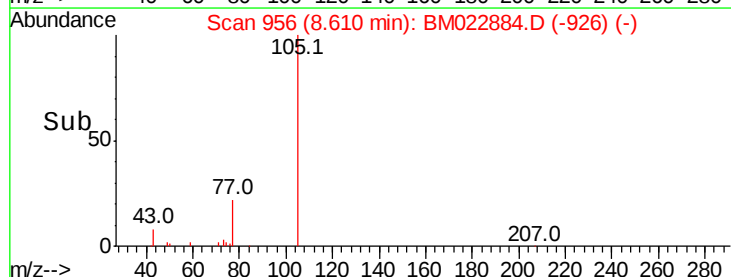
51 9.3 19.4 29.0#

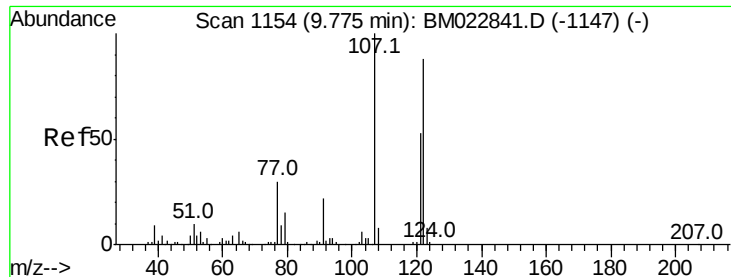


Abundance Ion 105.00 (104.70 to 105.70): BM022884.D (-926) (-)

Ion 77.00 (76.70 to 77.70): BM022884.D (-926) (-)

Ion 51.00 (50.70 to 51.70): BM022884.D (-926) (-)





#24

2,4-Dimethylphenol

Concen: 1.439 ng/ul

RT: 9.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BM022884.D

Acq: 02 Oct 2019 09:48

Instrument :

BNA_M

ClientSampleId :

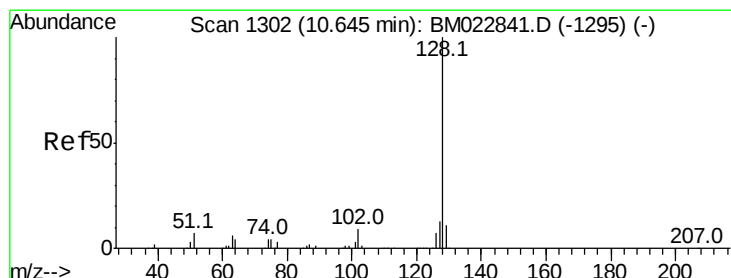
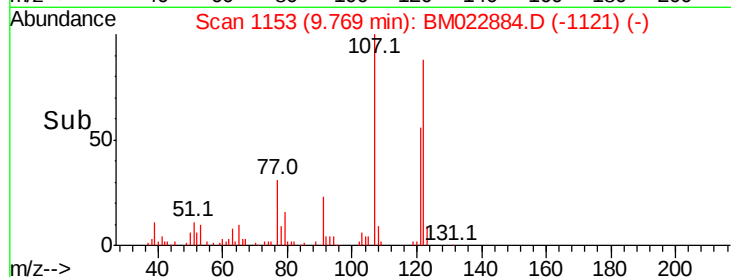
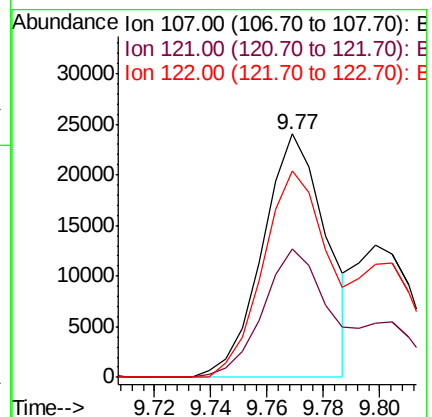
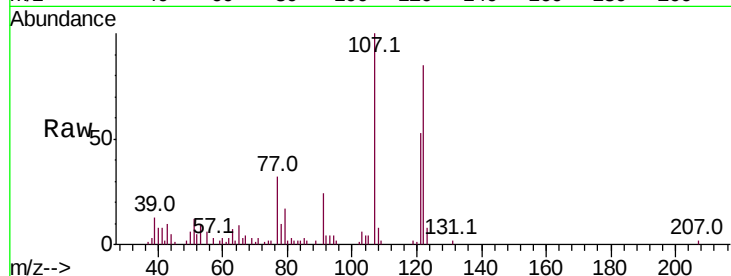
Tot Ion:107 Resp: 37810

Ion Ratio Lower Upper

107 100

121 52.8 43.0 64.4

122 84.8 71.4 107.0



#28

Naphthalene

Concen: 23.143 ng/ul

RT: 10.64 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BM022884.D

Acq: 02 Oct 2019 09:48

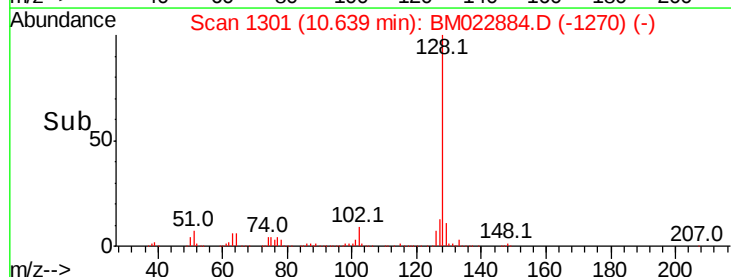
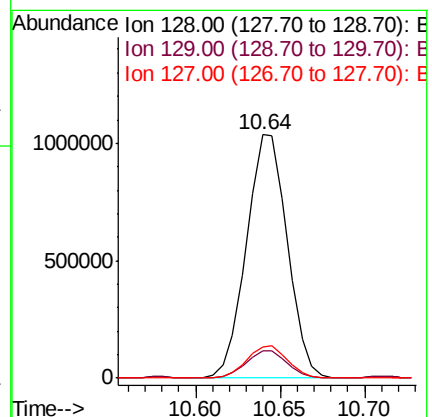
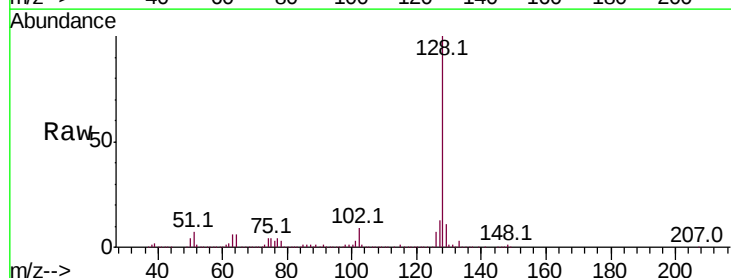
Tgt Ion:128 Resp: 1749347

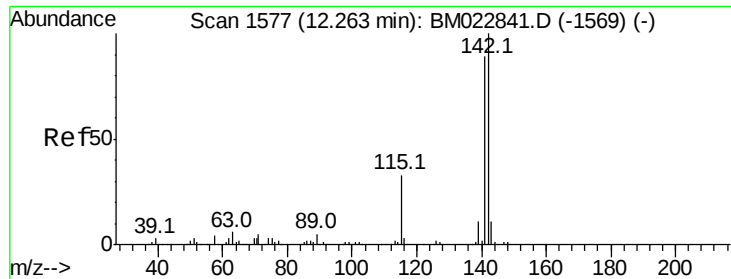
Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

127 13.0 10.2 15.4

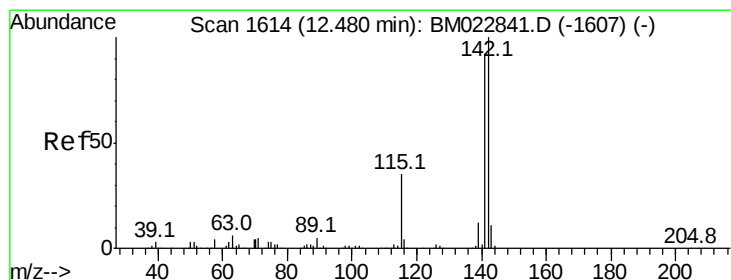
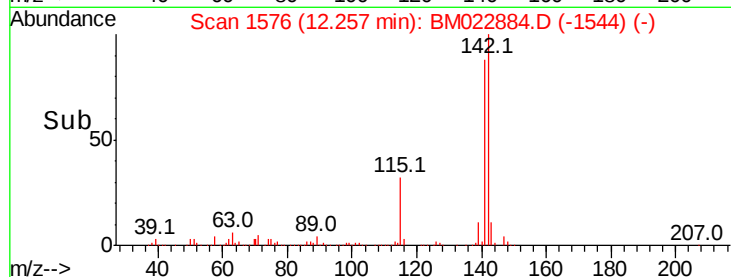
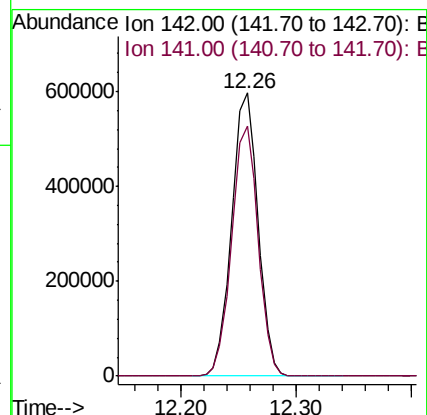
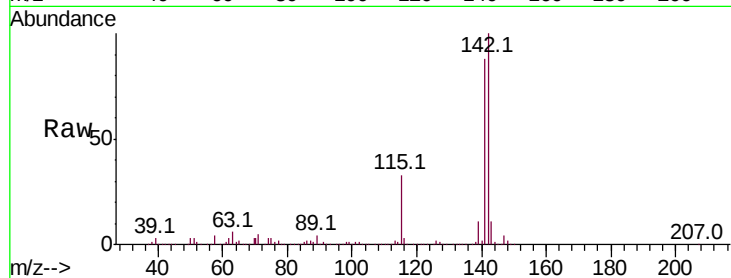




#34
2-Methylnaphthalene
Concen: 16.653 ng/ul
RT: 12.26 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM022884.D
Acq: 02 Oct 2019 09:48

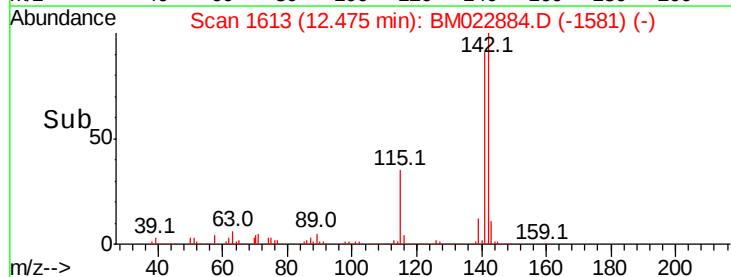
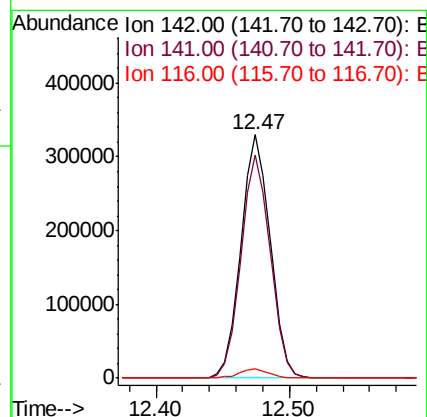
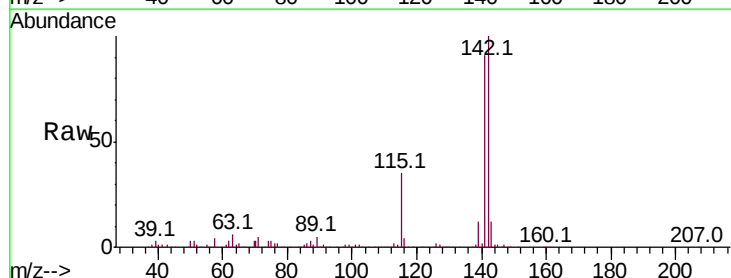
Instrument :
BNA_M
ClientSampleId :

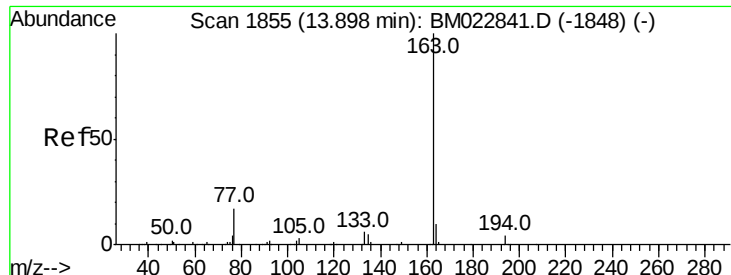
Tot Ion:142 Resp: 943752
Ion Ratio Lower Upper
142 100
141 88.2 71.2 106.8



#35
1-Methylnaphthalene
Concen: 9.276 ng/ul
RT: 12.47 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM022884.D
Acq: 02 Oct 2019 09:48

Tgt Ion:142 Resp: 502077
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.6
116 3.7 2.9 4.3





#45

Dimethylphthalate

Concen: 2.331 ng/ul

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM022884.D

Acq: 02 Oct 2019 09:48

Instrument :

BNA_M

ClientSampleId :

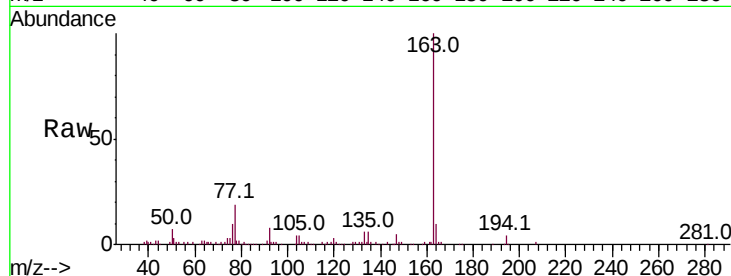
Tot Ion:163 Resp: 143580

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.4 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

