

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022923.D
 Acq On : 03 Oct 2019 16:48
 Operator : JU
 Sample : K4932-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 04 01:22:22 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	7.79	152	248118	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.59	136	1074367	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.43	164	677200	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1328992	20.00	ng/ul	-0.02
78) Chrysene-d12	21.35	240	1013649	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	1015718	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	34348	5.99	ng/uL	0.00
5) Phenol-d5	6.96	99	213375	9.73	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.13	67	335651	27.98	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.33	132	453784	25.70	ng/ul	-0.02
13) 4-Methylphenol-d8	8.50	113	352745	19.65	ng/ul	-0.01
19) Nitrobenzene-d5	8.95	128	260602	31.43	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.67	143	291919	32.24	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.21	165	553088	30.68	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	312656	14.28	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	1741406	33.13	ng/ul	-0.01
47) Acenaphthylene-d8	14.12	160	1934771	31.88	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.64	143	105924	10.20	ng/ul	0.00
58) Fluorene-d10	15.43	176	1461736	32.63	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	222610	25.74	ng/ul	-0.02
71) Anthracene-d10	17.27	188	2283823	35.19	ng/ul	-0.02
79) Pyrene-d10	19.56	212	2344277	42.97	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1874344	35.67	ng/ul	-0.03

Target Compounds

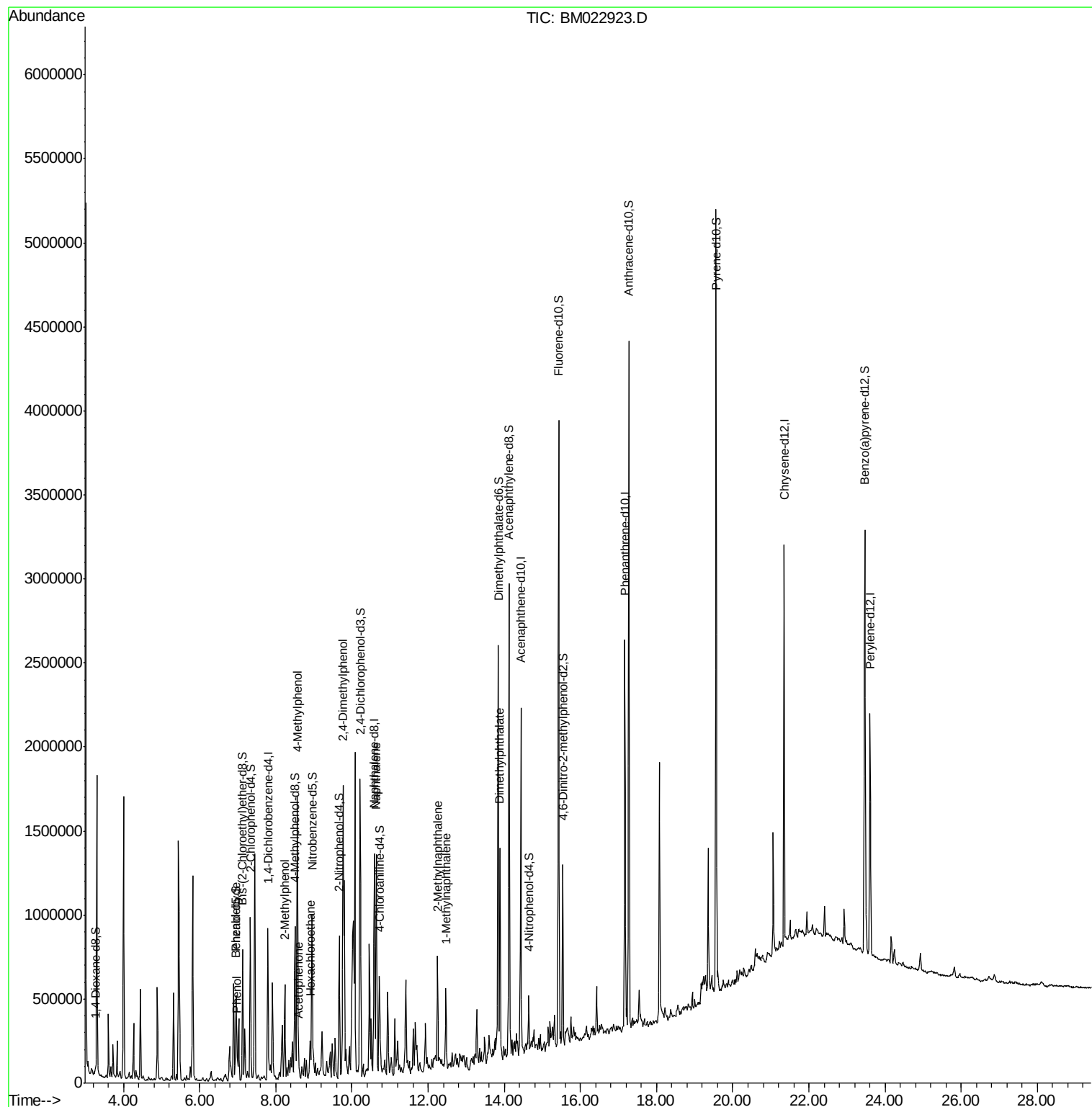
					Ovalue	
4) Benzaldehyde	6.95	77	41661	4.193	ng/ul#	1
6) Phenol	6.99	94	53866	2.344	ng/ul	97
11) 2-Methylphenol	8.24	108	194358	10.973	ng/ul	99
14) Acetophenone	8.60	105	54825	1.998	ng/ul#	52
16) 4-Methylphenol	8.56	108	709881	36.245	ng/ul	98
17) Hexachloroethane	8.90	117	27792	3.862	ng/ul#	6
24) 2,4-Dimethylphenol	9.77	107	669868	33.224	ng/ul	99
28) Naphthalene	10.64	128	1036347	17.861	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	325690	7.487	ng/ul	99
35) 1-Methylnaphthalene	12.47	142	198787	4.784	ng/ul	98
45) Dimethylphthalate	13.89	163	824822	15.277	ng/ul	100

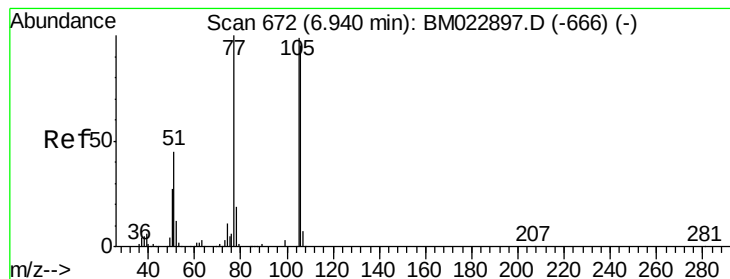
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 4.193 ng/ul

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM022923.D

Acq: 03 Oct 2019 16:48

Instrument :

BNA_M

ClientSampled :

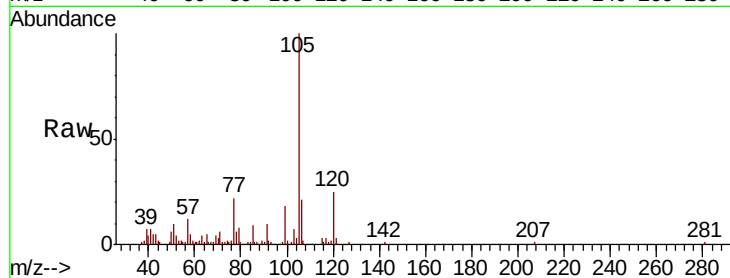
Tot Ion: 77 Resp: 41661

Ion Ratio Lower Upper

77 100

105 448.4 80.6 120.8#

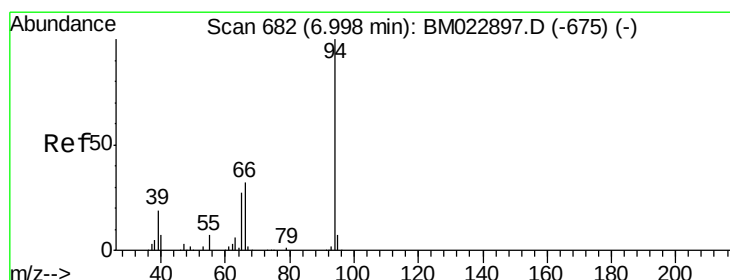
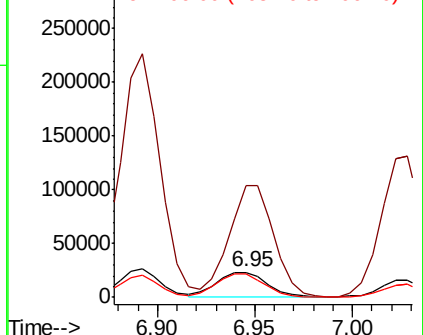
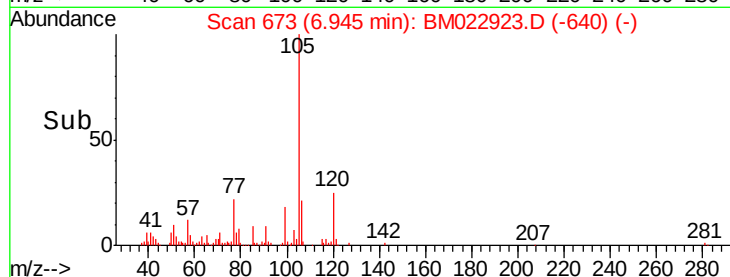
106 93.6 77.0 115.6



Abundance Ion 77.00 (76.70 to 77.70): BM022923.D (-640) (-)

Ion 105.00 (104.70 to 105.70): BM022923.D (-640) (-)

Ion 106.00 (105.70 to 106.70): BM022923.D (-640) (-)



#6

Phenol

Concen: 2.344 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM022923.D

Acq: 03 Oct 2019 16:48

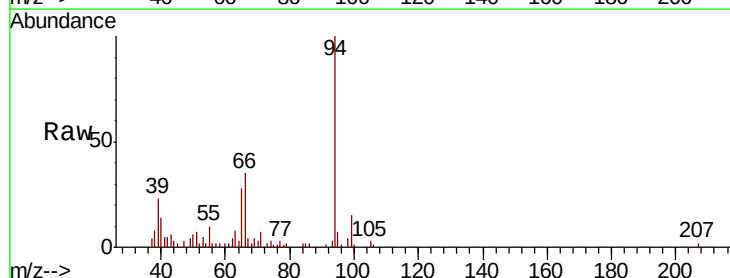
Tgt Ion: 94 Resp: 53866

Ion Ratio Lower Upper

94 100

65 28.2 20.9 31.3

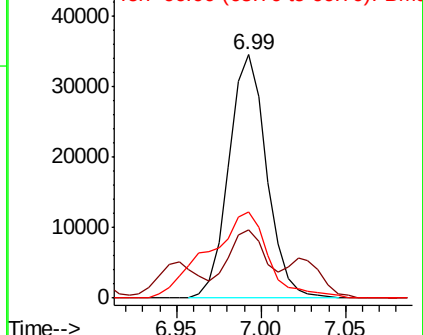
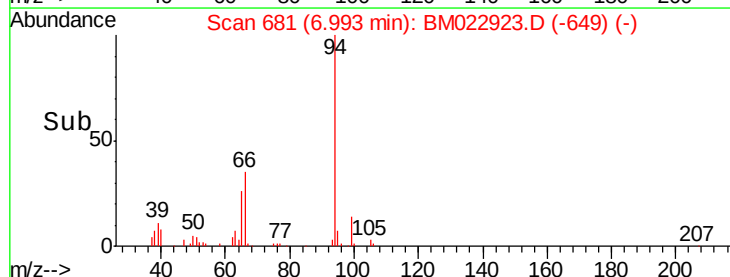
66 35.5 27.2 40.8

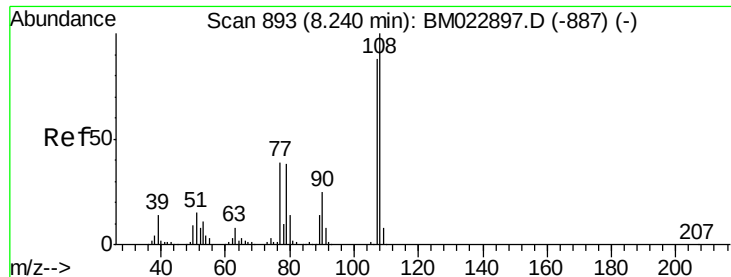


Abundance Ion 94.00 (93.70 to 94.70): BM022923.D (-649) (-)

Ion 65.00 (64.70 to 65.70): BM022923.D (-649) (-)

Ion 66.00 (65.70 to 66.70): BM022923.D (-649) (-)

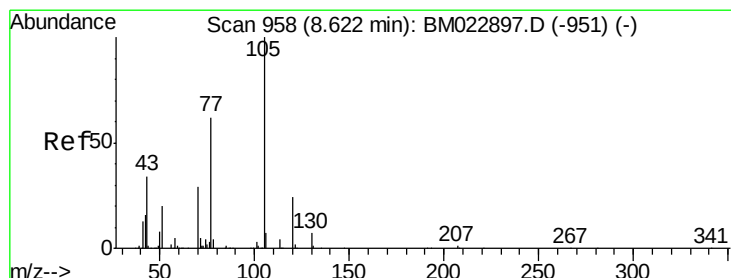
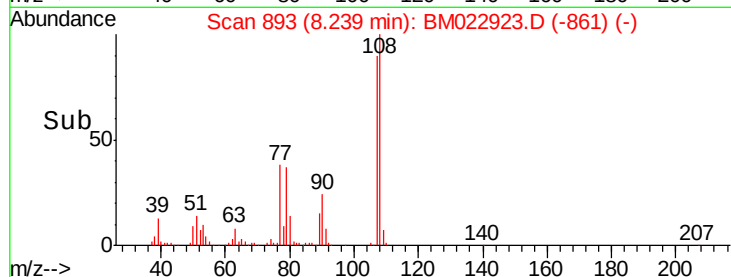
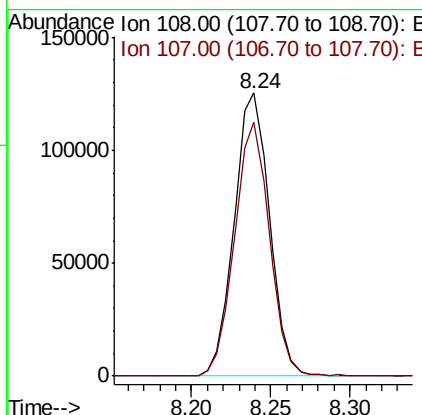
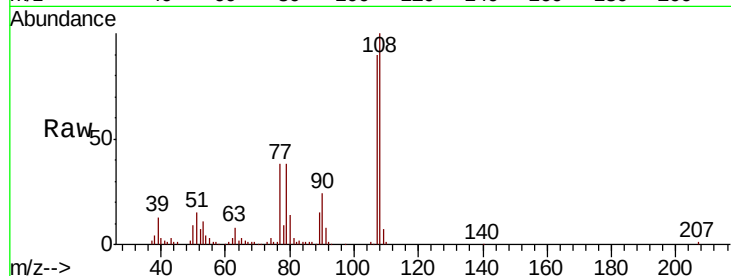




#11
2-Methylphenol
Concen: 10.973 ng/ul
RT: 8.24 min Scan# 893
Delta R.T. -0.01 min
Lab File: BM022923.D
Acq: 03 Oct 2019 16:48

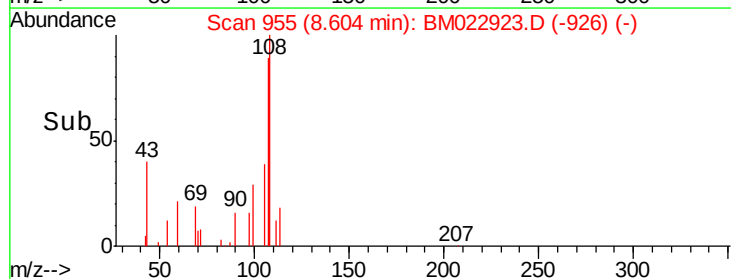
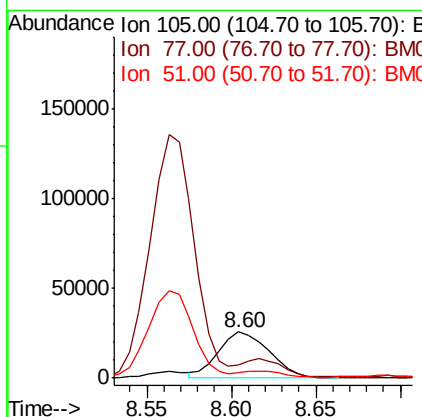
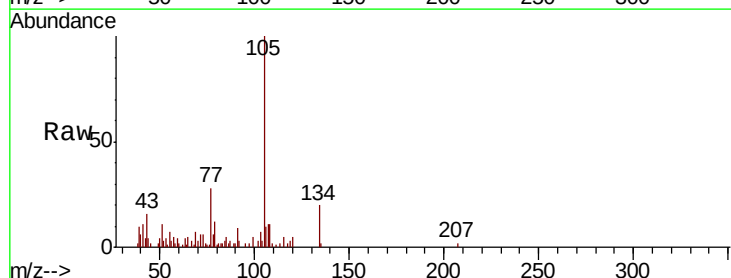
Instrument :
BNA_M
ClientSampleId :

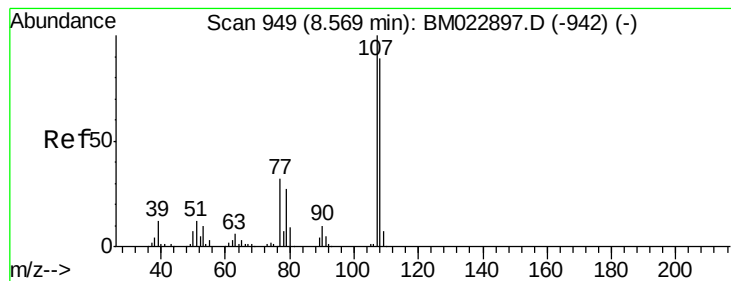
Tot Ion:108 Resp: 194358
Ion Ratio Lower Upper
108 100
107 89.9 71.0 106.4



#14
Acetophenone
Concen: 1.998 ng/ul
RT: 8.60 min Scan# 955
Delta R.T. -0.03 min
Lab File: BM022923.D
Acq: 03 Oct 2019 16:48

Tgt Ion:105 Resp: 54825
Ion Ratio Lower Upper
105 100
77 27.7 59.4 89.0#
51 10.9 19.4 29.0#





#16

4-Methylphenol

Concen: 36.245 ng/ul

RT: 8.56 min Scan# 948

Delta R.T. -0.02 min

Lab File: BM022923.D

Acq: 03 Oct 2019 16:48

Instrument :

BNA_M

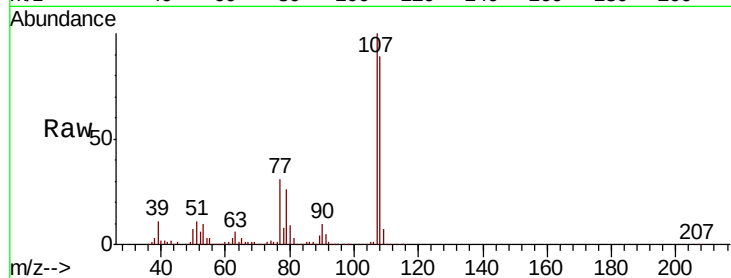
ClientSampleId :

Tot Ion:108 Resp: 709881

Ion Ratio Lower Upper

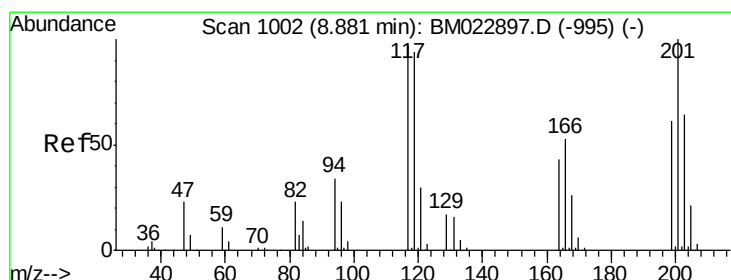
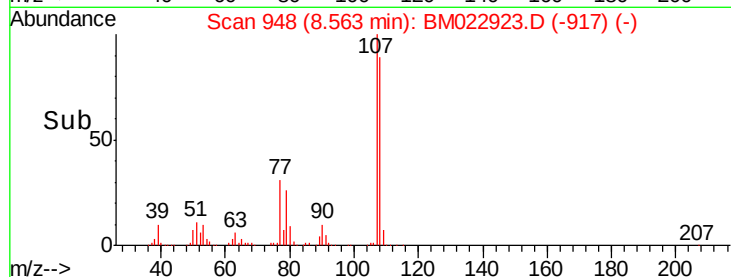
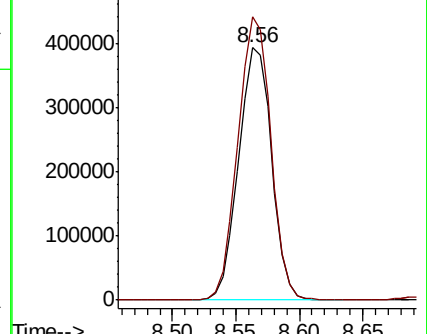
108 100

107 112.2 87.9 131.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 3.862 ng/ul

RT: 8.90 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BM022923.D

Acq: 03 Oct 2019 16:48

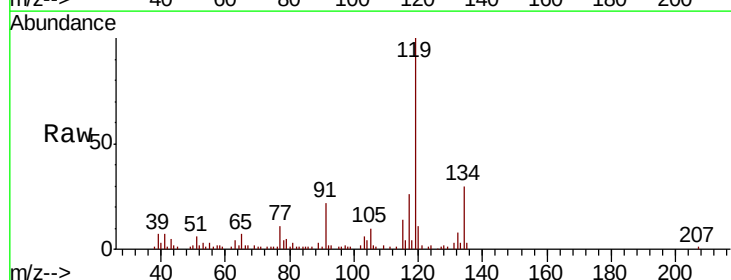
Tgt Ion:117 Resp: 27792

Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

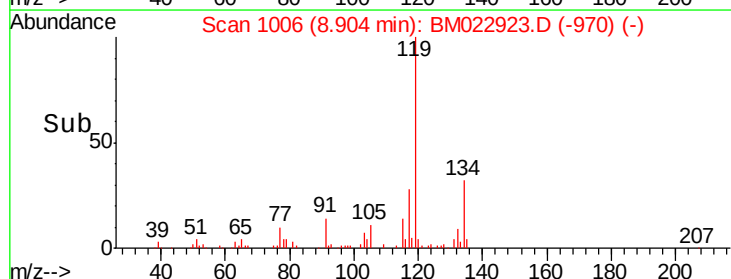
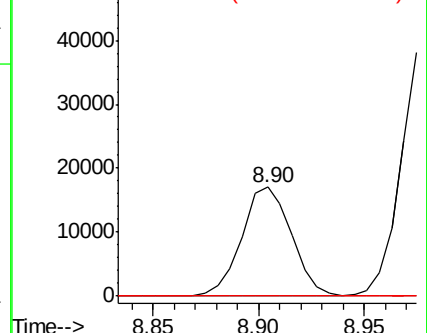
199 0.0 51.6 77.4#

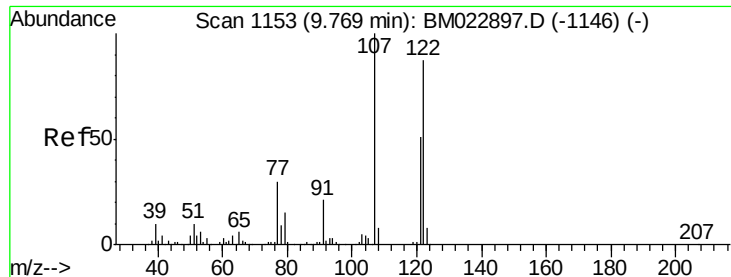


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#24

2,4-Dimethylphenol

Concen: 33.224 ng/ul

RT: 9.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BM022923.D

Acq: 03 Oct 2019 16:48

Instrument :

BNA_M

ClientSampleId :

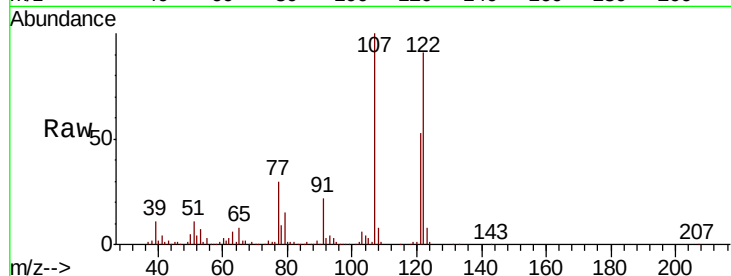
Tot Ion:107 Resp: 669868

Ion Ratio Lower Upper

107 100

121 53.2 43.0 64.4

122 90.7 71.4 107.0

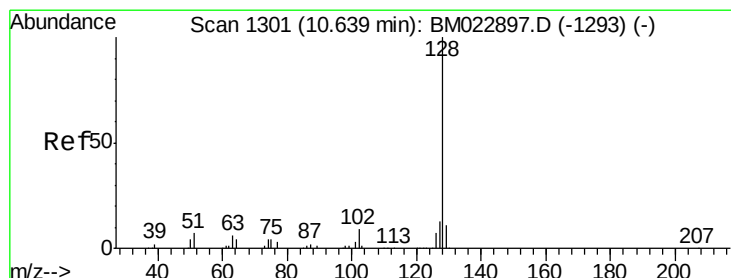
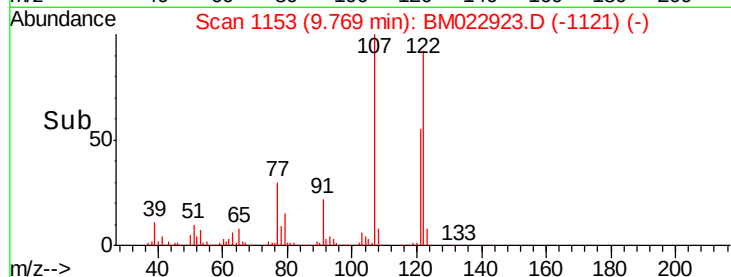
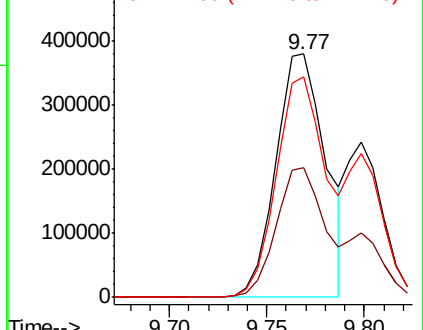


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Naphthalene

Concen: 17.861 ng/ul

RT: 10.64 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BM022923.D

Acq: 03 Oct 2019 16:48

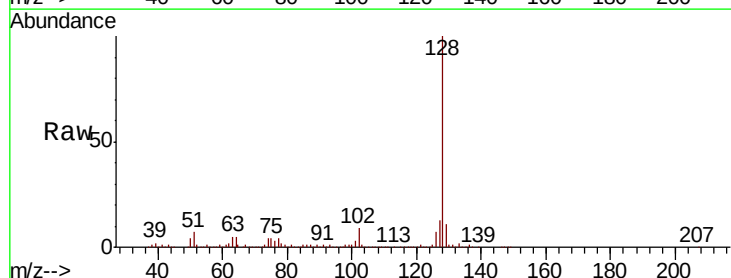
Tgt Ion:128 Resp: 1036347

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.0 10.2 15.4

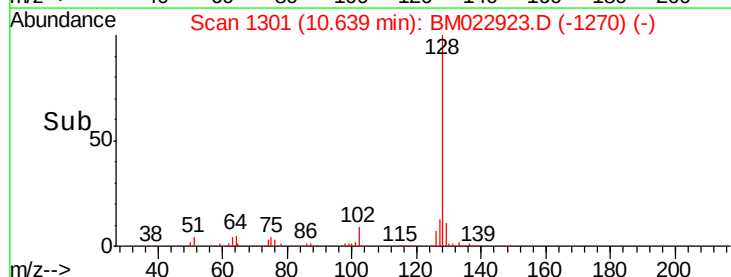
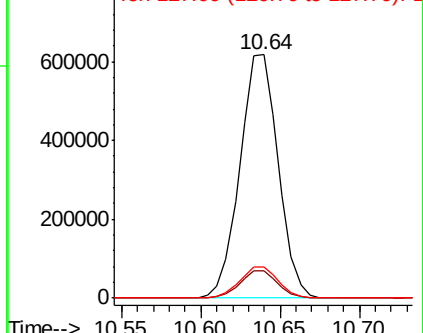


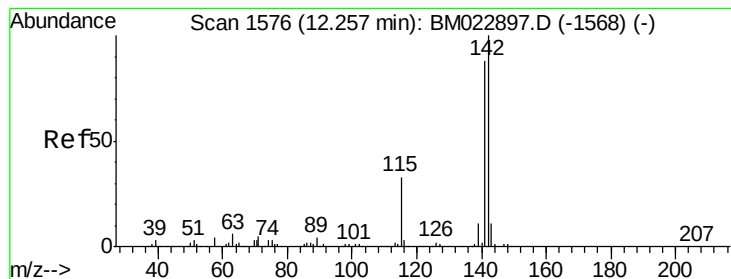
Abundance

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: 7.487 ng/ul

RT: 12.25 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BM022923.D

Acq: 03 Oct 2019 16:48

Instrument :

BNA_M

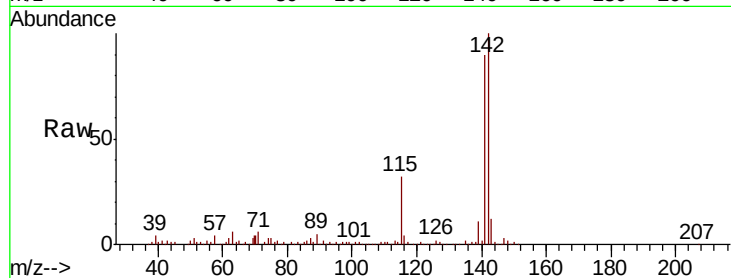
ClientSampleId :

Tot Ion:142 Resp: 325690

Ion Ratio Lower Upper

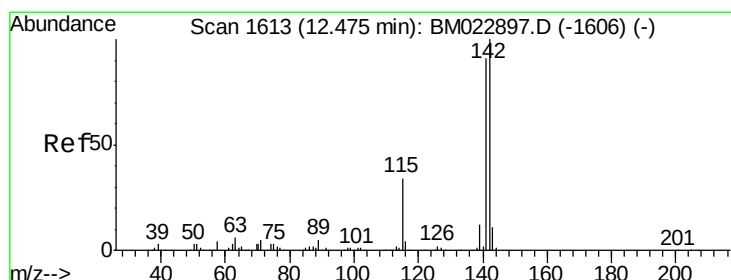
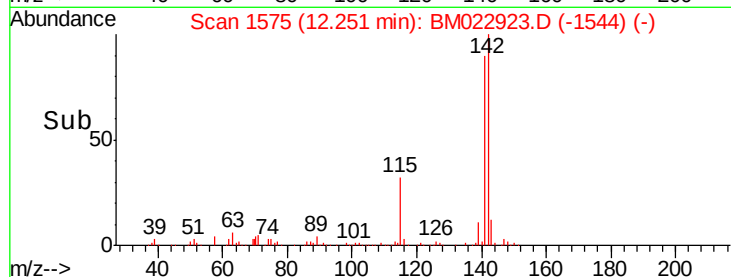
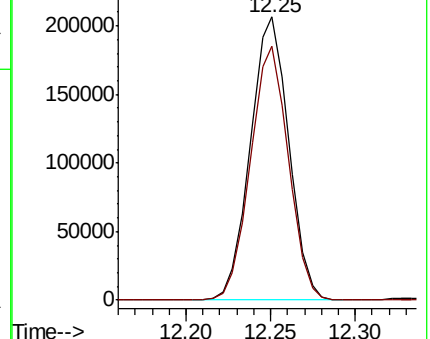
142 100

141 89.6 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 4.784 ng/ul

RT: 12.47 min Scan# 1612

Delta R.T. -0.02 min

Lab File: BM022923.D

Acq: 03 Oct 2019 16:48

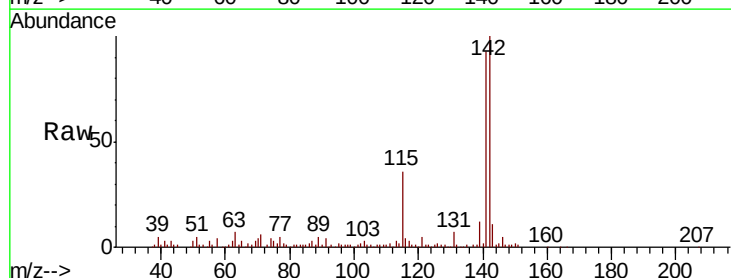
Tgt Ion:142 Resp: 198787

Ion Ratio Lower Upper

142 100

141 92.8 73.0 109.6

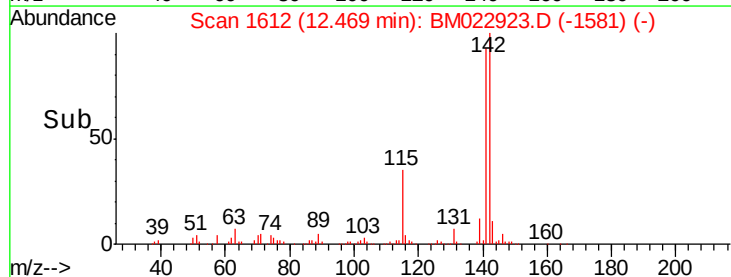
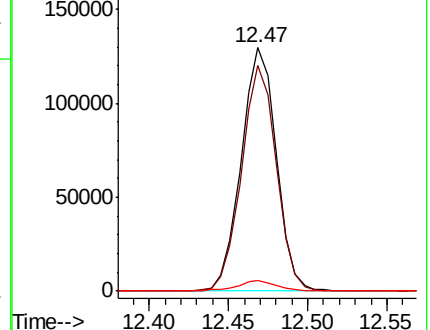
116 4.1 2.9 4.3

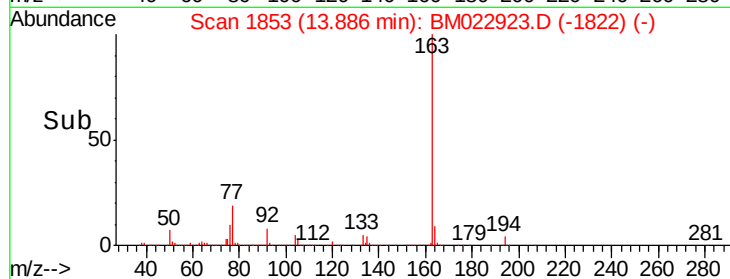
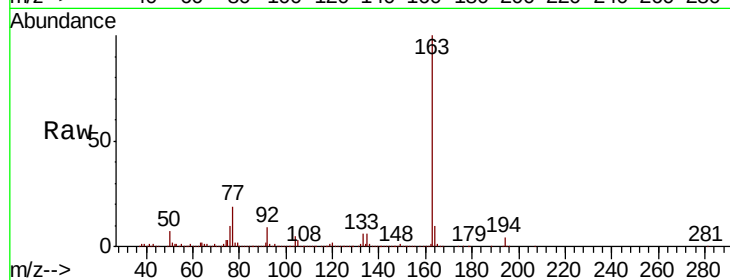
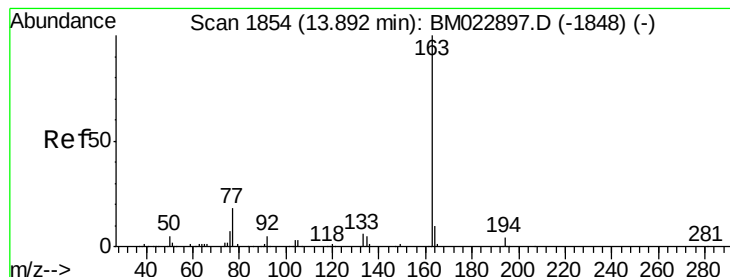


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#45

Dimethylphthalate

Concen: 15.277 ng/ul

RT: 13.89 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BM022923.D

Acq: 03 Oct 2019 16:48

Instrument :

BNA_M

ClientSampleId :

Tot Ion:163 Resp: 824822

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.3 8.1 12.1

