

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
 Data File : BM022860.D
 Acq On : 01 Oct 2019 18:39
 Operator : JU
 Sample : K4983-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 02 01:09:21 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	211130	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	986132	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.44	164	628270	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.18	188	1252482	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	1141371	20.00	ng/ul	0.00
86) Perylene-d12	23.63	264	1051363	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	27855	5.71	ng/uL	0.00
5) Phenol-d5	6.97	99	236224	12.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	479931	47.01	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.34	132	588207	39.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	445670	29.18	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	361395	47.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	400357	48.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	789197	47.70	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	985117	49.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	2677662	54.91	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	3015850	53.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	139156	14.44	ng/ul	0.00
58) Fluorene-d10	15.43	176	2245040	54.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.55	200	447780	54.94	ng/ul	-0.01
71) Anthracene-d10	17.28	188	3537671	57.84	ng/ul	0.00
79) Pyrene-d10	19.57	212	3861458	62.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.49	264	3253421	59.82	ng/ul	-0.01

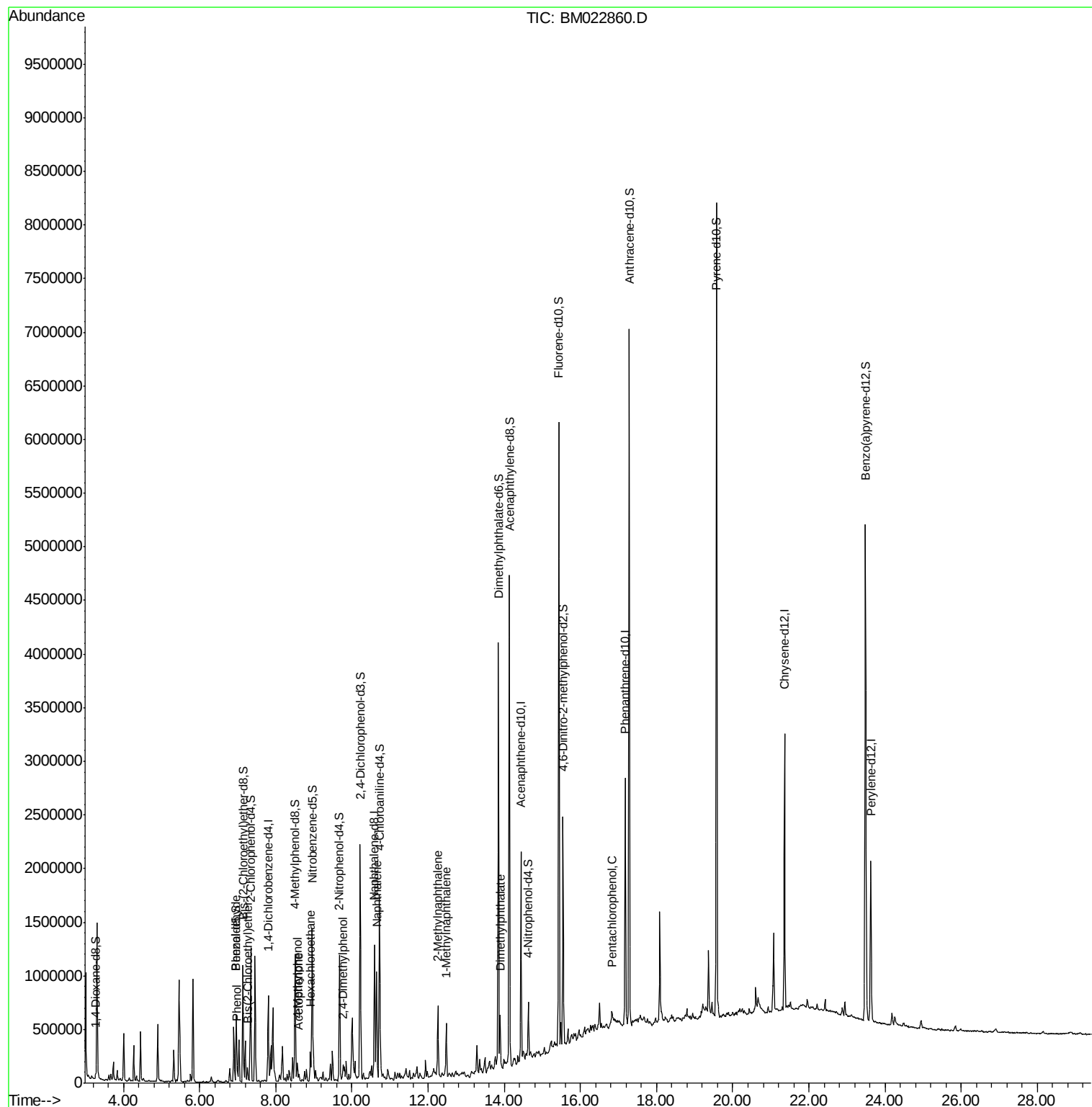
Target Compounds				Ovalue		
4) Benzaldehyde	6.96	77	21493	2.542	ng/ul#	1
6) Phenol	6.99	94	44918	2.297	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.26	93	20760	1.404	ng/ul#	26
14) Acetophenone	8.61	105	49612	2.125	ng/ul#	40
16) 4-Methylphenol	8.57	108	68140	4.089	ng/ul	95
17) Hexachloroethane	8.92	117	37119	6.061	ng/ul#	6
24) 2,4-Dimethylphenol	9.77	107	52348	2.829	ng/ul	98
28) Naphthalene	10.65	128	751042	14.102	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	306443	7.674	ng/ul	99
35) 1-Methylnaphthalene	12.47	142	218931	5.741	ng/ul	99
45) Dimethylphthalate	13.89	163	314937	6.287	ng/ul	99
69) Pentachlorophenol	16.83	266	14945	1.367	ng/ul	98

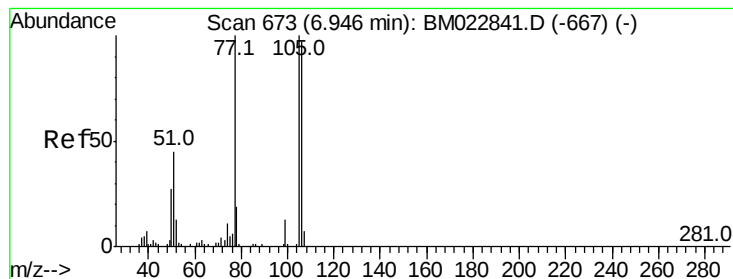
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.542 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM022860.D

Acq: 01 Oct 2019 18:39

Instrument :

BNA_M

ClientSampleId :

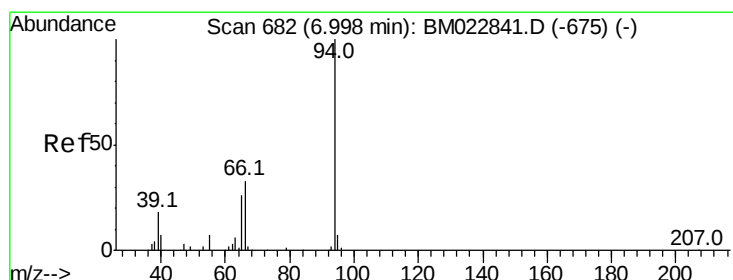
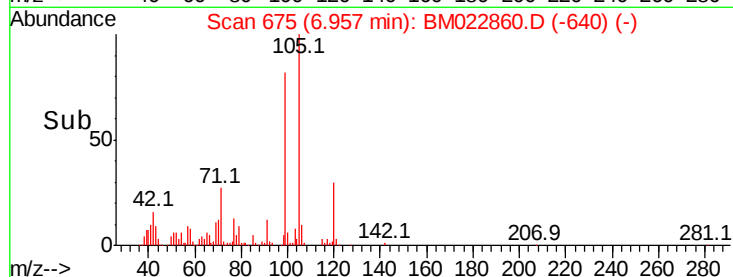
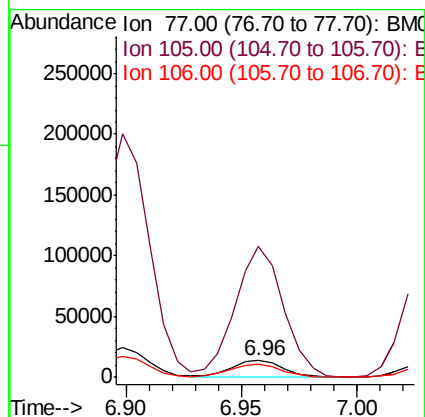
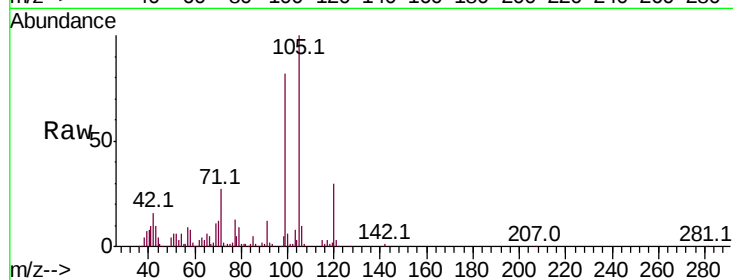
Tot Ion: 77 Resp: 21493

Ion Ratio Lower Upper

77 100

105 773.5 80.6 120.8#

106 75.8 77.0 115.6#



#6

Phenol

Concen: 2.297 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM022860.D

Acq: 01 Oct 2019 18:39

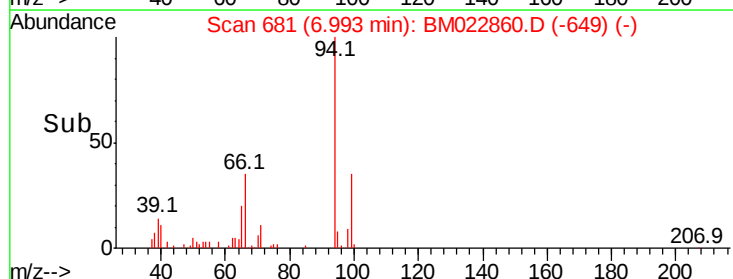
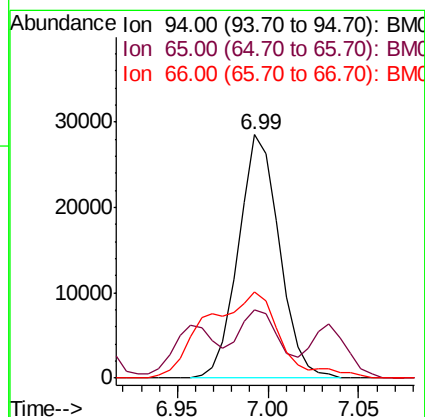
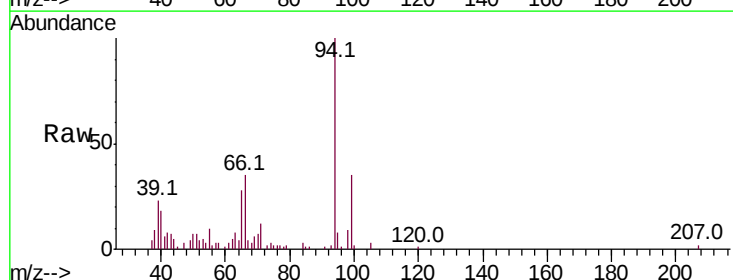
Tgt Ion: 94 Resp: 44918

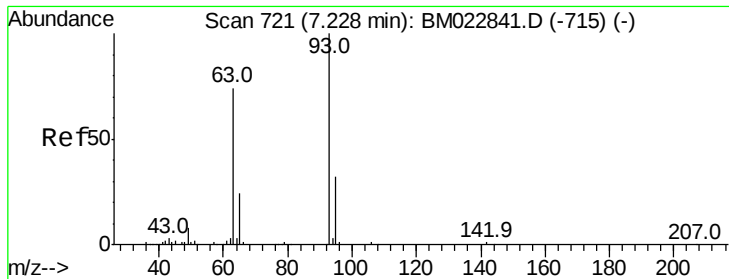
Ion Ratio Lower Upper

94 100

65 28.0 20.9 31.3

66 35.3 27.2 40.8



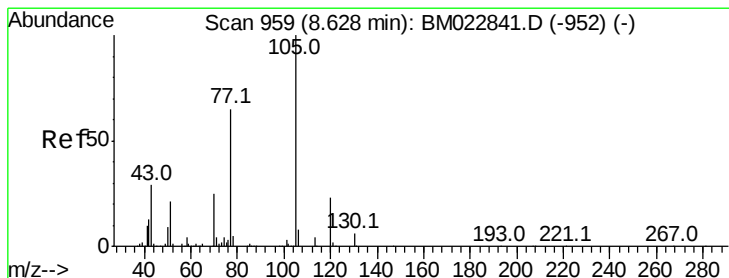
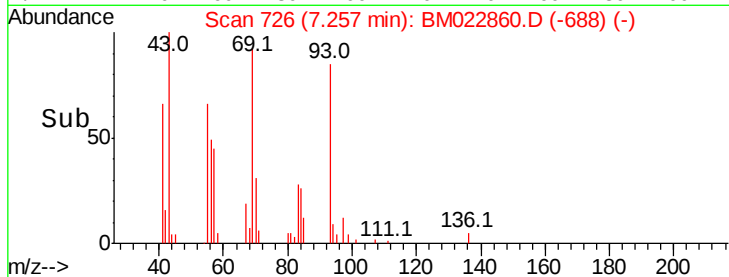
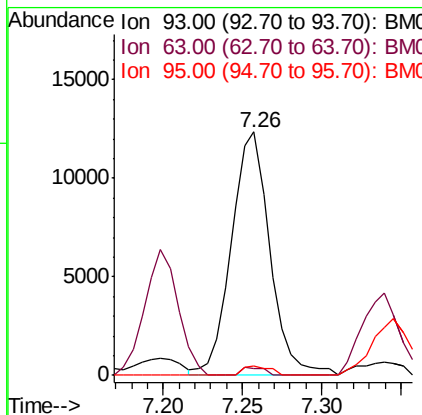
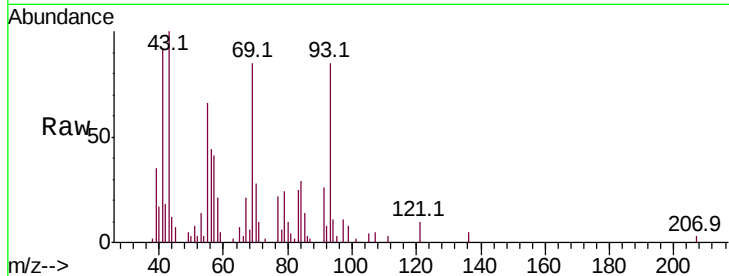


#8

Bis(2-Chloroethyl)ether
Concen: 1.404 ng/ul
RT: 7.26 min Scan# 726
Delta R.T. 0.02 min
Lab File: BM022860.D
Acq: 01 Oct 2019 18:39

Instrument :
BNA_M
ClientSampled :

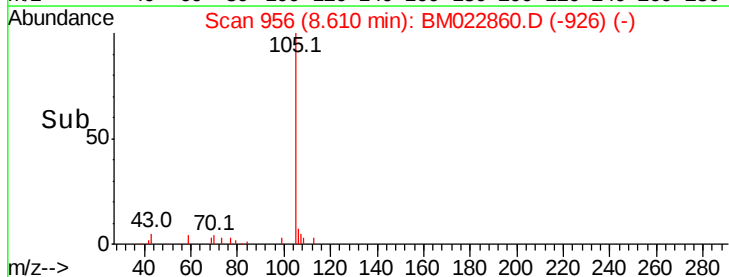
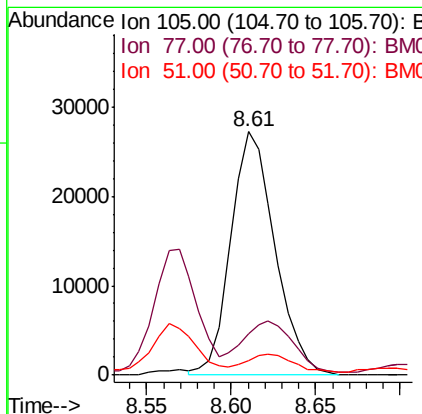
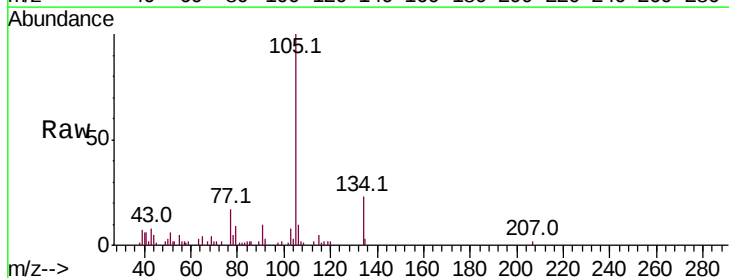
Tot Ion	Ratio	Lower	Upper
93	100		
63	2.9	59.1	88.7#
95	3.8	26.3	39.5#

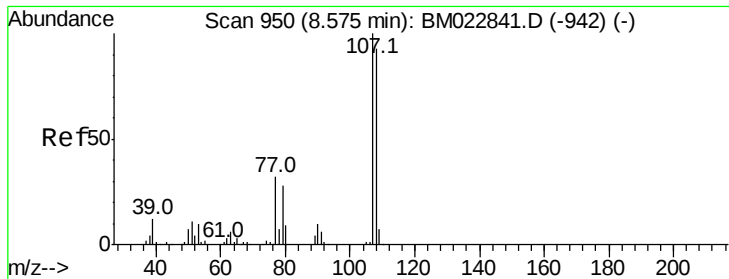


#14

Acetophenone
Concen: 2.125 ng/ul
RT: 8.61 min Scan# 956
Delta R.T. -0.02 min
Lab File: BM022860.D
Acq: 01 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
105	100		
77	17.0	59.4	89.0#
51	6.2	19.4	29.0#





#16

4-Methylphenol

Concen: 4.089 ng/ul

RT: 8.57 min Scan# 949

Delta R.T. -0.01 min

Lab File: BM022860.D

Acq: 01 Oct 2019 18:39

Instrument :

BNA_M

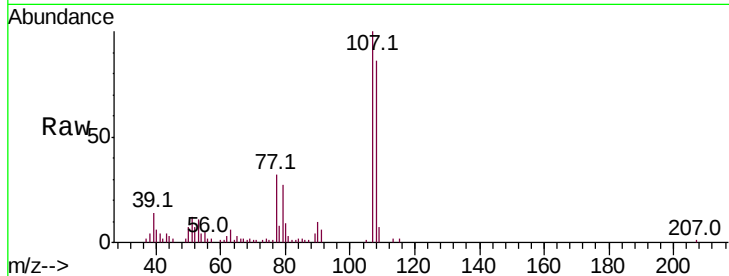
ClientSampleId :

Tot Ion:108 Resp: 68140

Ion Ratio Lower Upper

108 100

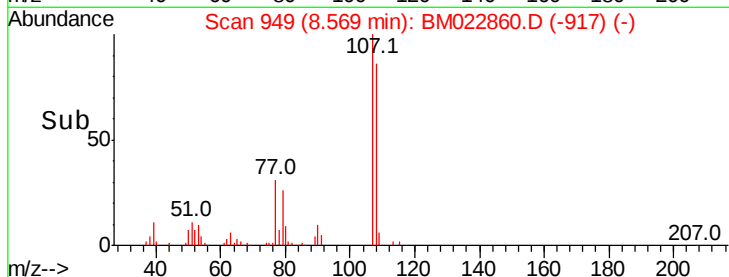
107 115.7 87.9 131.9



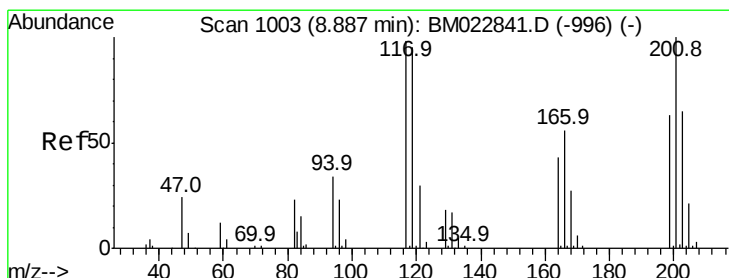
Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.57



Time-->



#17

Hexachloroethane

Concen: 6.061 ng/ul

RT: 8.92 min Scan# 1008

Delta R.T. 0.02 min

Lab File: BM022860.D

Acq: 01 Oct 2019 18:39

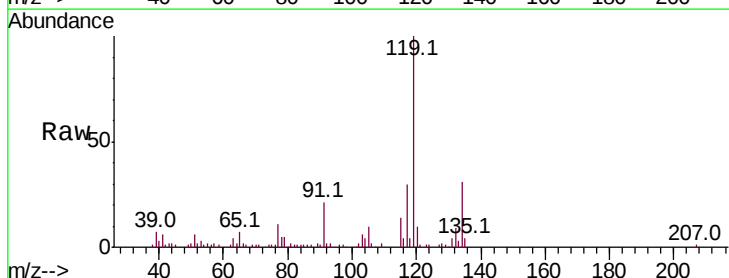
Tgt Ion:117 Resp: 37119

Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

199 0.0 51.6 77.4#

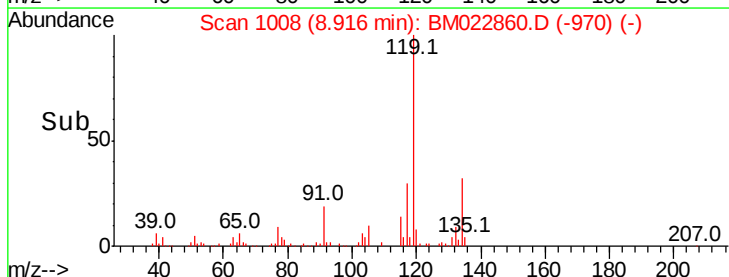


Abundance Ion 117.00 (116.70 to 117.70): E

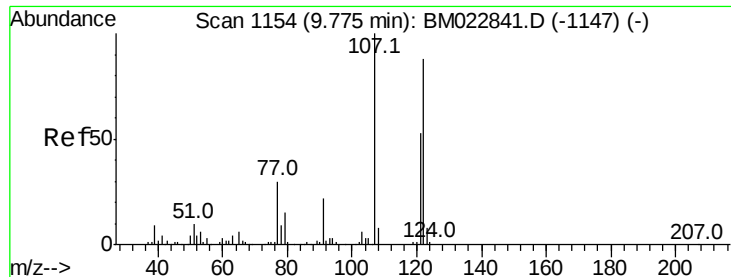
Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

8.92



Time-->



#24

2,4-Dimethylphenol

Concen: 2.829 ng/ul

RT: 9.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BM022860.D

Acq: 01 Oct 2019 18:39

Instrument :

BNA_M

ClientSampled :

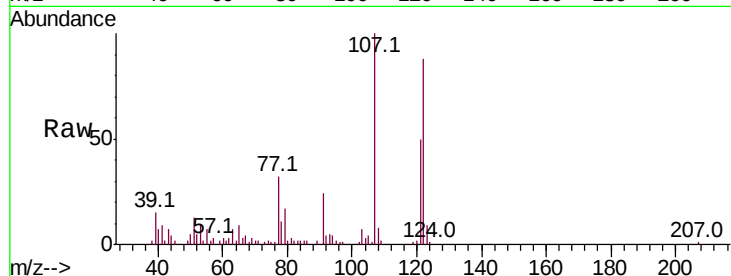
Tot Ion:107 Resp: 52348

Ion Ratio Lower Upper

107 100

121 50.4 43.0 64.4

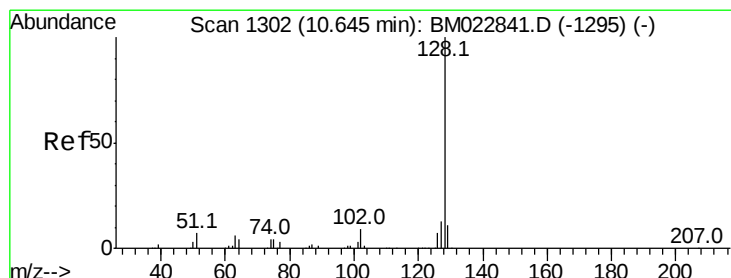
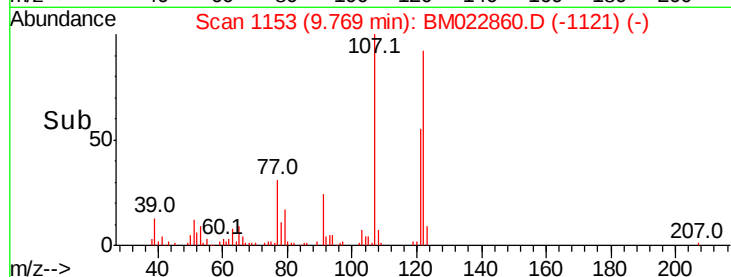
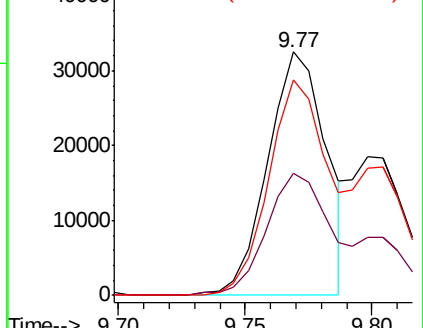
122 88.2 71.4 107.0



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: 14.102 ng/ul

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM022860.D

Acq: 01 Oct 2019 18:39

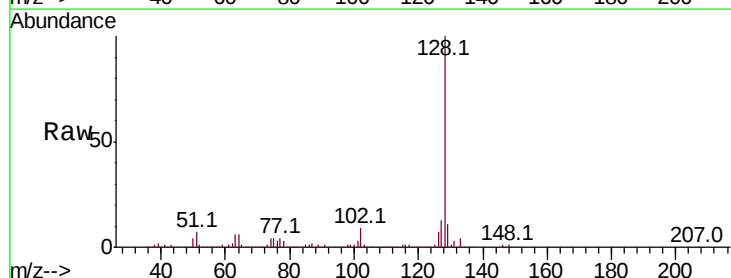
Tgt Ion:128 Resp: 751042

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

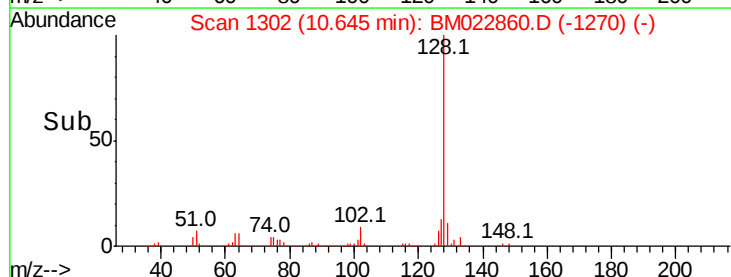
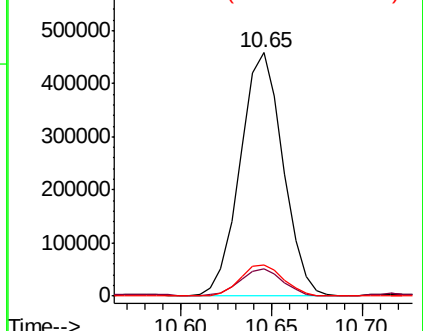
127 13.0 10.2 15.4

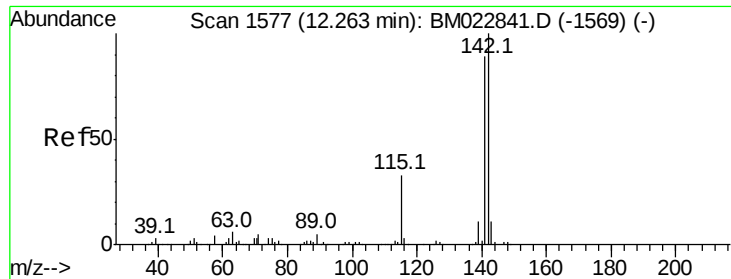


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

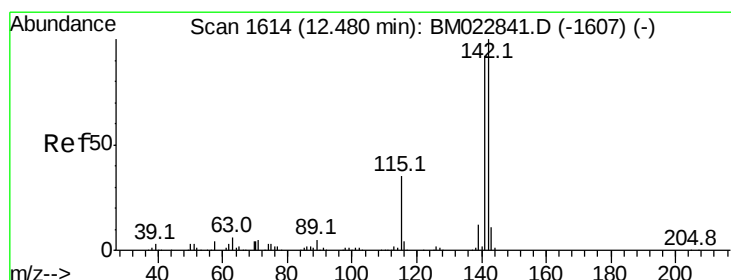
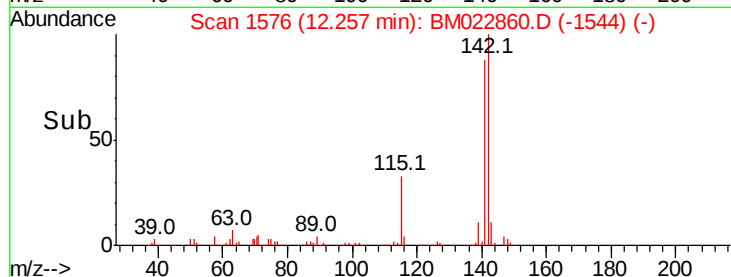
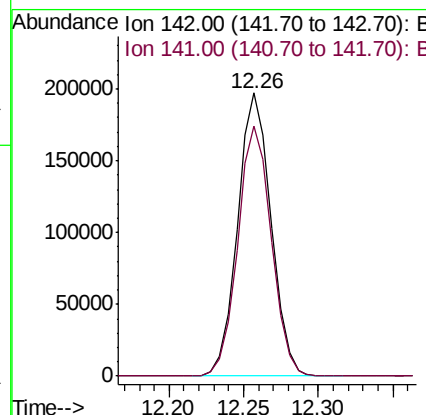
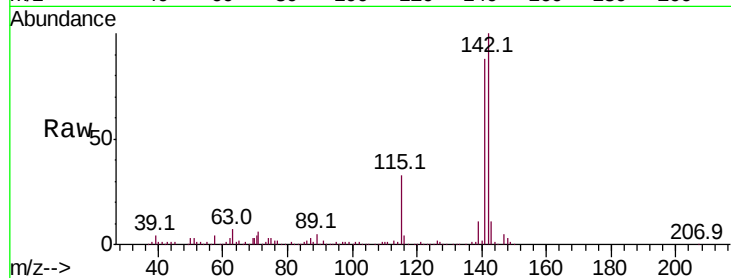




#34
2-Methylnaphthalene
Concen: 7.674 ng/ul
RT: 12.26 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM022860.D
Acq: 01 Oct 2019 18:39

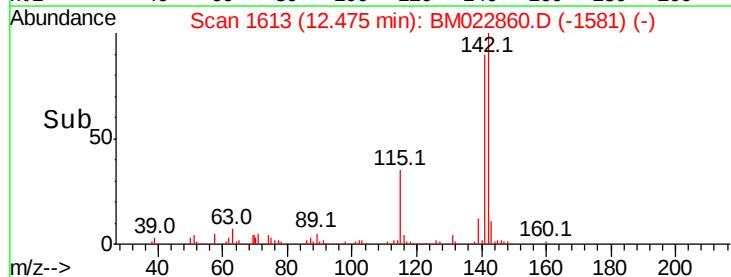
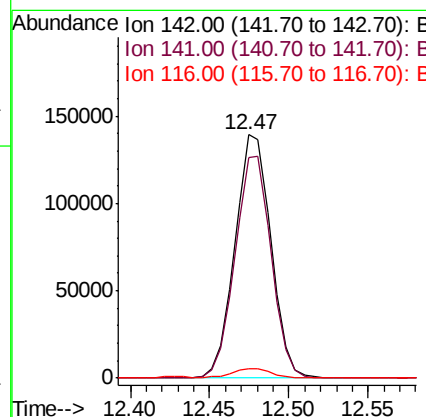
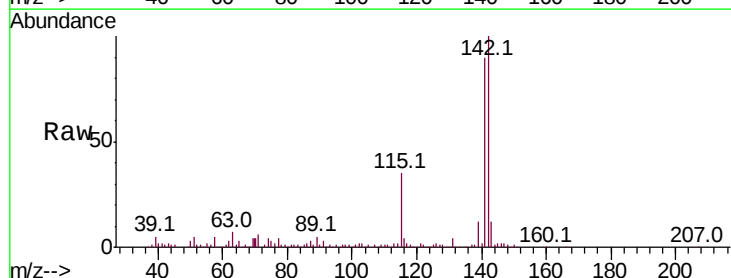
Instrument :
BNA_M
ClientSampleId :

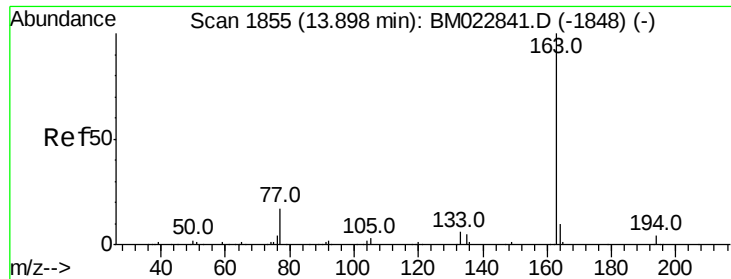
Tot Ion:142 Resp: 306443
Ion Ratio Lower Upper
142 100
141 88.4 71.2 106.8



#35
1-Methylnaphthalene
Concen: 5.741 ng/ul
RT: 12.47 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM022860.D
Acq: 01 Oct 2019 18:39

Tgt Ion:142 Resp: 218931
Ion Ratio Lower Upper
142 100
141 90.5 73.0 109.6
116 4.0 2.9 4.3

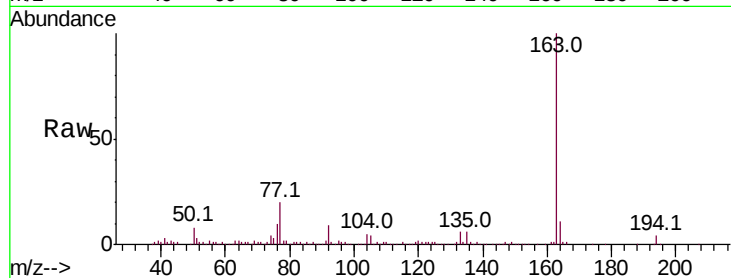




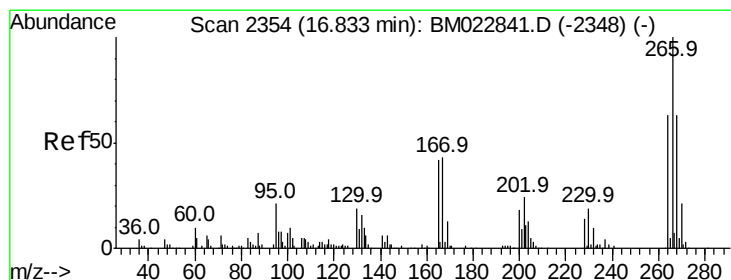
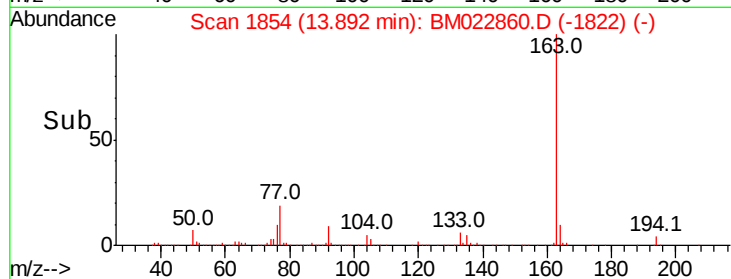
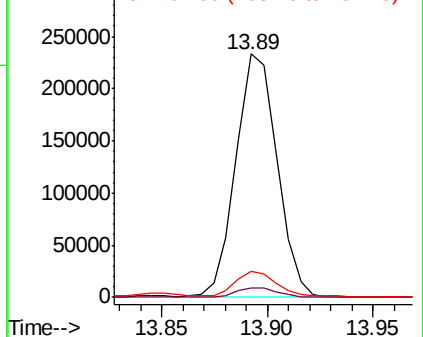
#45
Dimethylphthalate
Concen: 6.287 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM022860.D
Acq: 01 Oct 2019 18:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.6	8.1	12.1

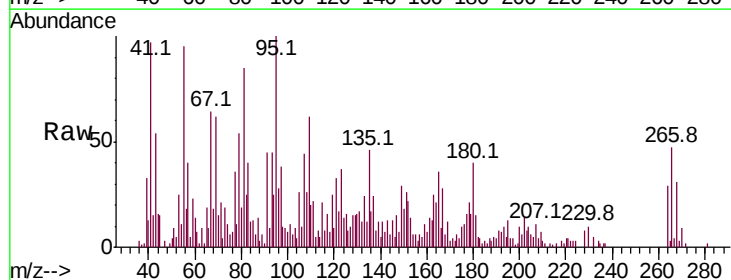


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#69
Pentachlorophenol
Concen: 1.367 ng/ul
RT: 16.83 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BM022860.D
Acq: 01 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.9	50.8	76.2
268	65.1	51.4	77.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E

