Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022876.D
Acq On : 02 Oct 2019 04:58
Operator : JU
Sample : K4932-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 02 05:40:09 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	320778	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1404753	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.44	164	845177	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.17	188	1535563	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	1060591	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	1132269	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	37894	5.11	ng/uL	0.00
5) Phenol-d5	6.97	99	208258	7.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	392779	25.32	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	500522	21.93	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	372414	16.05	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	302297	27.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	331652	28.02	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	614740	26.08	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	699434	24.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	1936532	29.52	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	2172181	28.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.64	143	100970	7.79	ng/ul	0.00
58) Fluorene-d10	15.43	176	1597309	28.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.54	200	289594	28.98	ng/ul	-0.01
71) Anthracene-d10	17.27	188	2359068	31.46	ng/ul	-0.01
79) Pyrene-d10	19.57	212	2195355	38.46	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.47	264	1863140	31.81	ng/ul	-0.02
Target Compounds						Qvalue
4) Benzaldehyde	6.95	77	96233	7.492	ng/ul#	1
6) Phenol	7.00	94	593771	19.984	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.25	93	79008	3.516	ng/ul#	26
11) 2-Methylphenol	8.25	108	224674	9.811	ng/ul	98
14) Acetophenone	8.61	105	169869	4.789	ng/ul#	43
16) 4-Methylphenol	8.57	108	729464	28.809	ng/ul	96
17) Hexachloroethane	8.91	117	115147	12.376	ng/ul#	6
24) 2,4-Dimethylphenol	9.77	107	816473	30.971	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.02	93	40110	1.261	ng/ul#	1
28) Naphthalene	10.65	128	4199957	55.361	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	1247707	21.936	ng/ul	99
35) 1-Methylnaphthalene	12.47	142	699221	12.871	ng/ul	100
45) Dimethylphthalate	13.89	163	272173	4.039	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.06	232	17839	1.011	ng/ul#	74
69) Pentachlorophenol	16.83	266	49603	3.702	ng/ul	100
70) Phenanthrene	17.22	178	101437	1.107	ng/ul#	90
75) Carbazole	17.57	167	117280	1.413	ng/ul#	96

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

Quantitation Report (Not Reviewed)

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Misc :
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Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 02 05:40:09 2019
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
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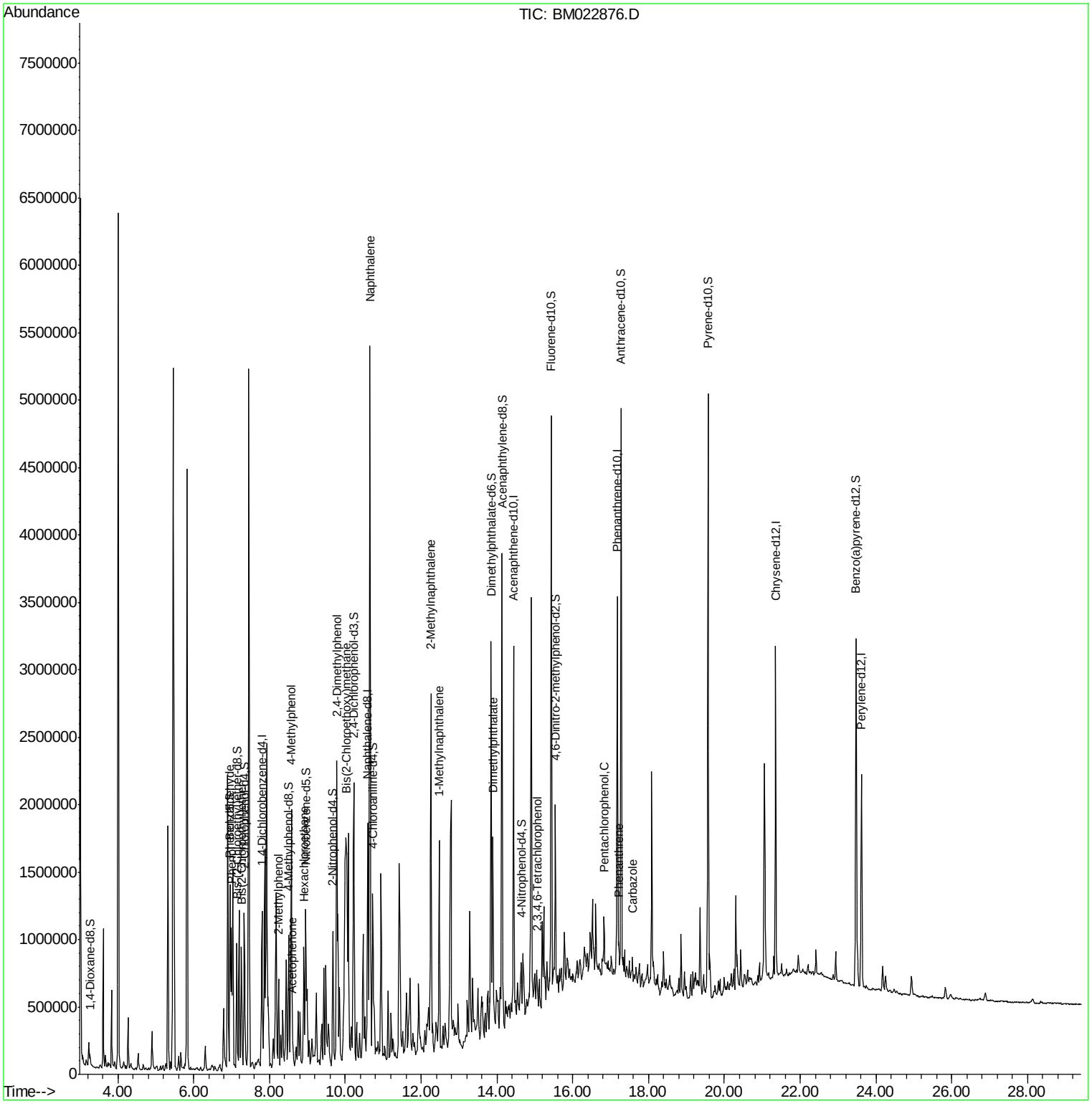
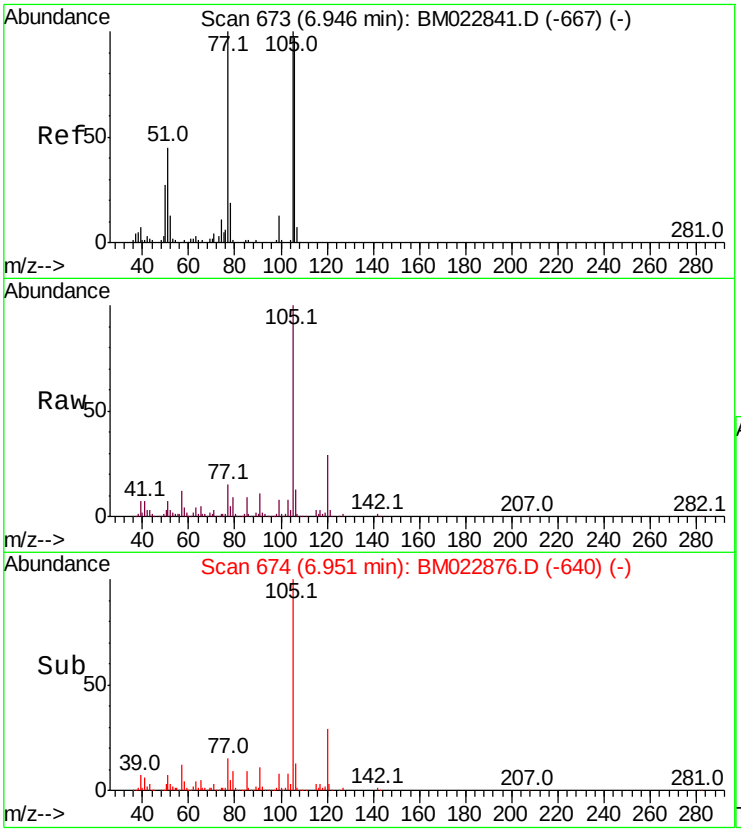


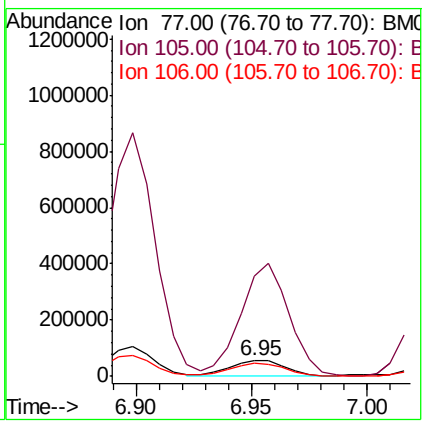


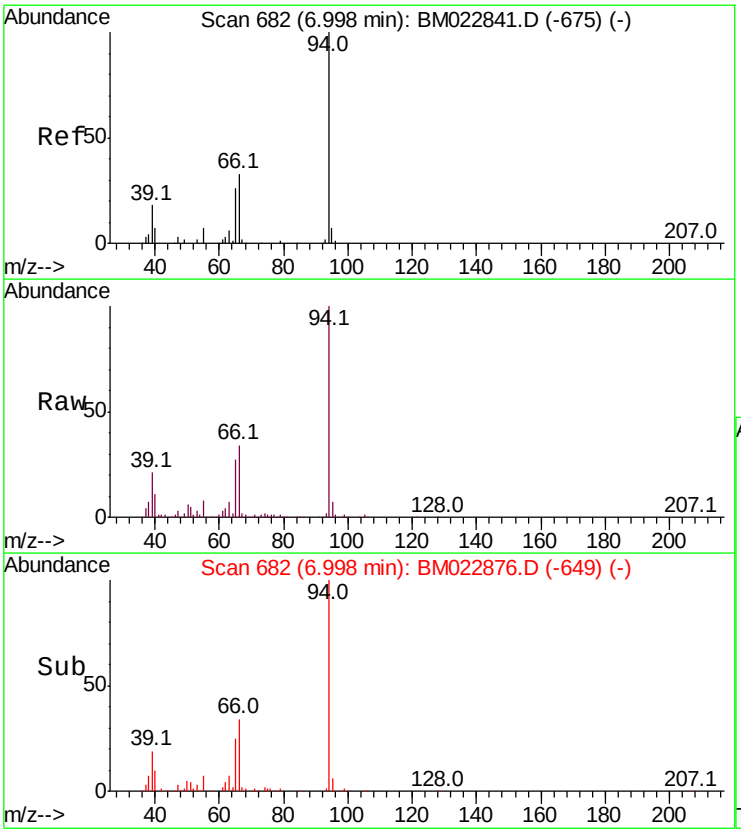
#4
Benzaldehyde
Concen: 7.492 ng/ul
RT: 6.95 min Scan# 674
Delta R.T. -0.00 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 96233

Ion	Ratio	Lower	Upper
77	100		
105	653.7	80.6	120.8#
106	86.7	77.0	115.6

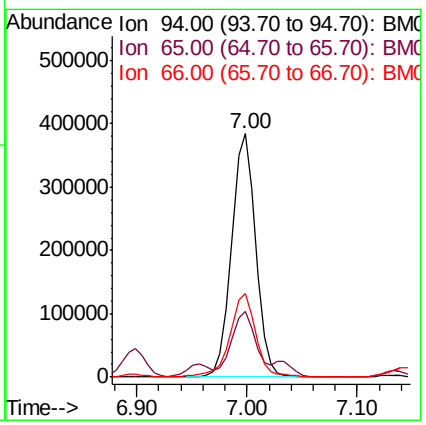


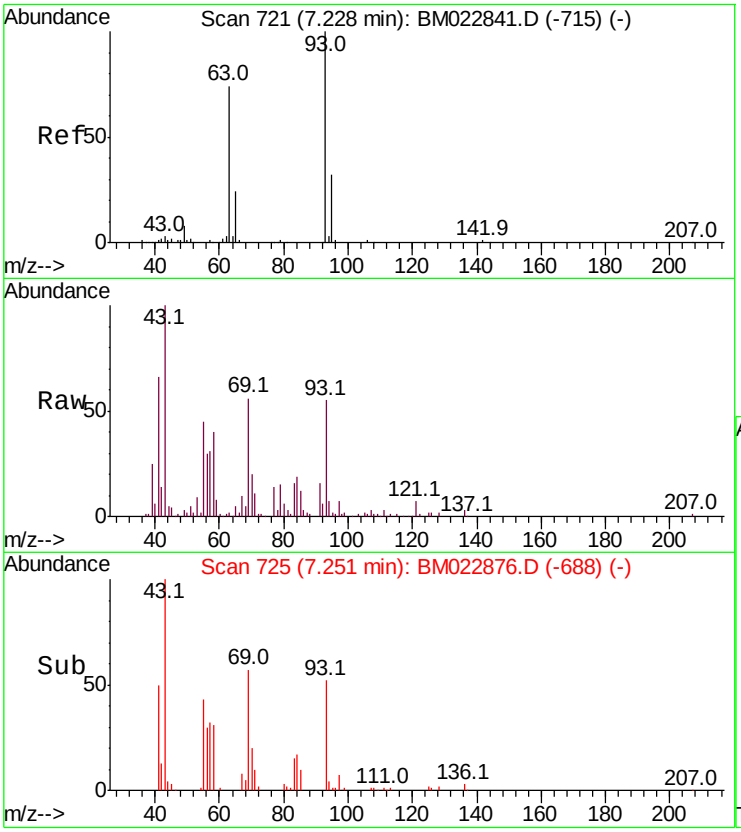


#6
Phenol
Concen: 19.984 ng/ul
RT: 7.00 min Scan# 682
Delta R.T. -0.01 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Tgt Ion: 94 Resp: 593771

Ion	Ratio	Lower	Upper
94	100		
65	26.8	20.9	31.3
66	34.4	27.2	40.8

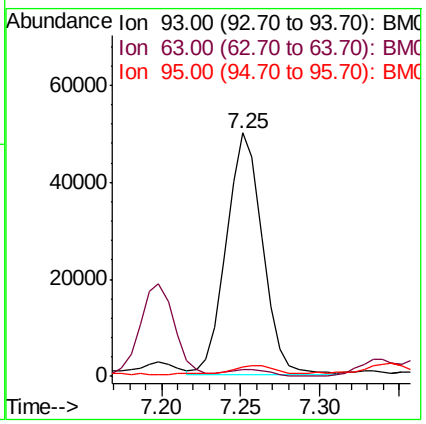




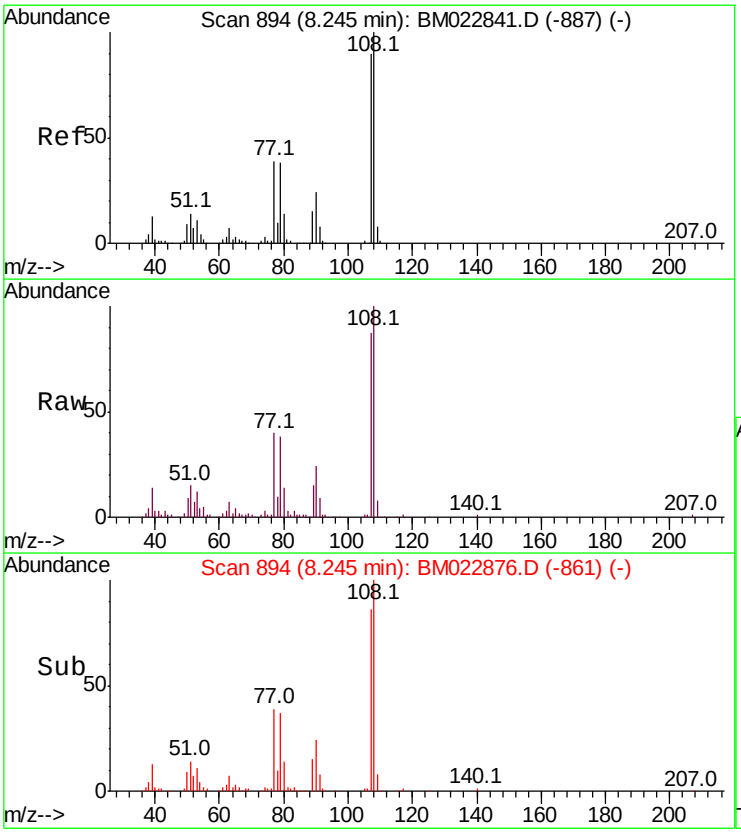
#8
Bis(2-Chloroethyl)ether
Concen: 3.516 ng/ul
RT: 7.25 min Scan# 725
Delta R.T. 0.02 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Tgt Ion: 93 Resp: 79008

Ion	Ratio	Lower	Upper
93	100		
63	2.8	59.1	88.7#
95	3.7	26.3	39.5#



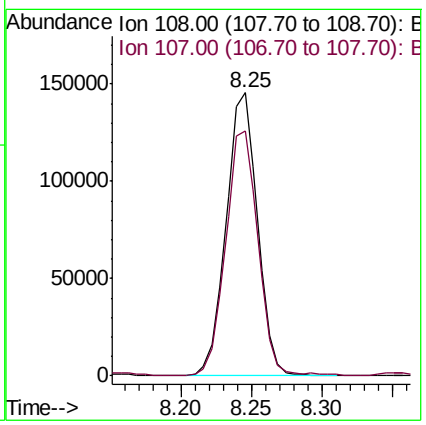
Instrument :
BNA_M
ClientSampleId :

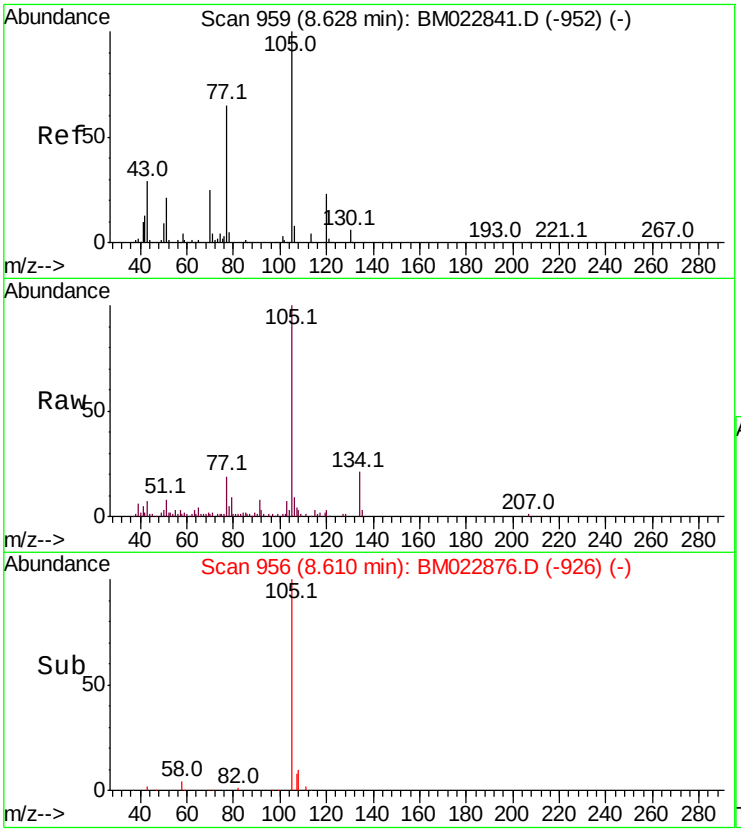


#11
2-Methylphenol
Concen: 9.811 ng/ul
RT: 8.25 min Scan# 894
Delta R.T. -0.01 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Tgt Ion:108 Resp: 224674

Ion	Ratio	Lower	Upper
108	100		
107	86.6	71.0	106.4



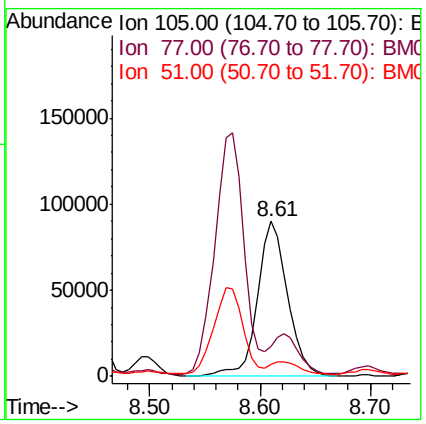


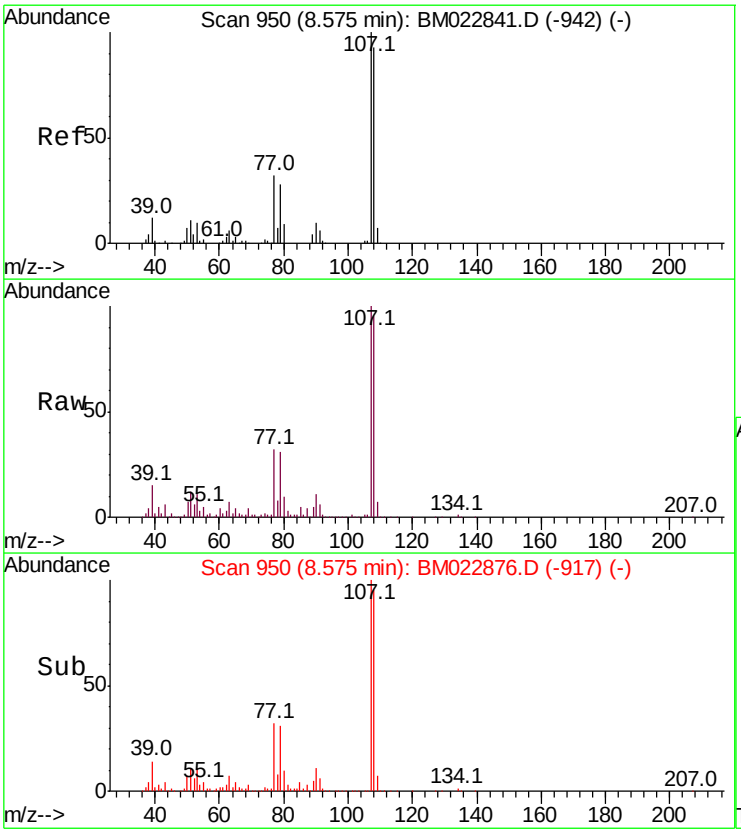
#14
Acetophenone
Concen: 4.789 ng/ul
RT: 8.61 min Scan# 956
Delta R.T. -0.02 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 169869

Ion	Ratio	Lower	Upper
105	100		
77	19.2	59.4	89.0#
51	7.6	19.4	29.0#

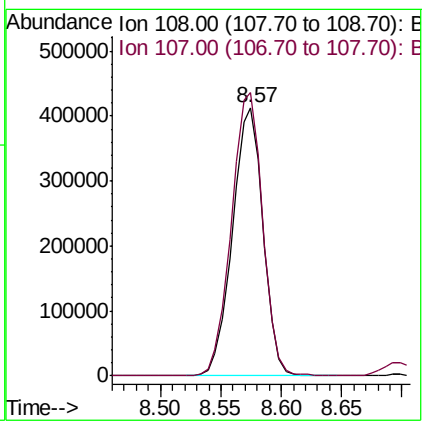


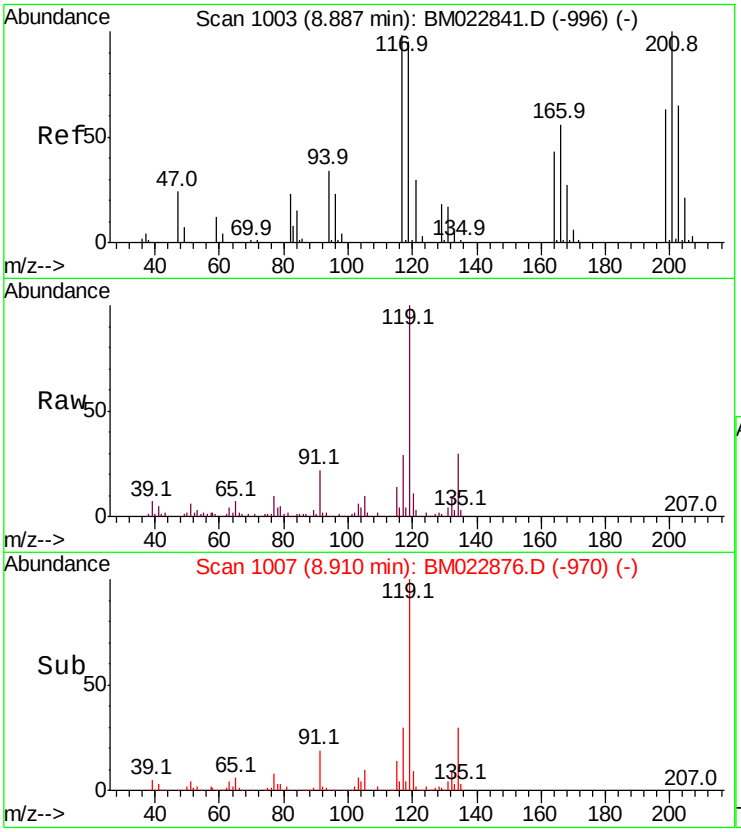


#16
4-Methylphenol
Concen: 28.809 ng/ul
RT: 8.57 min Scan# 950
Delta R.T. -0.01 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Tgt Ion:108 Resp: 729464

Ion	Ratio	Lower	Upper
108	100		
107	105.6	87.9	131.9



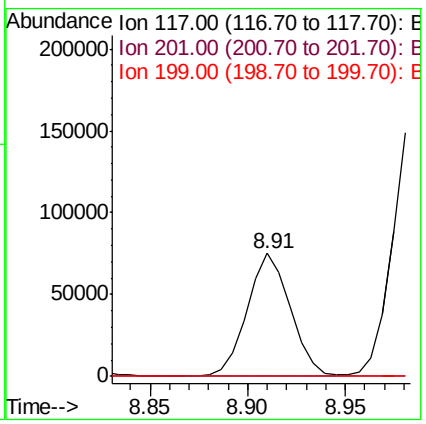


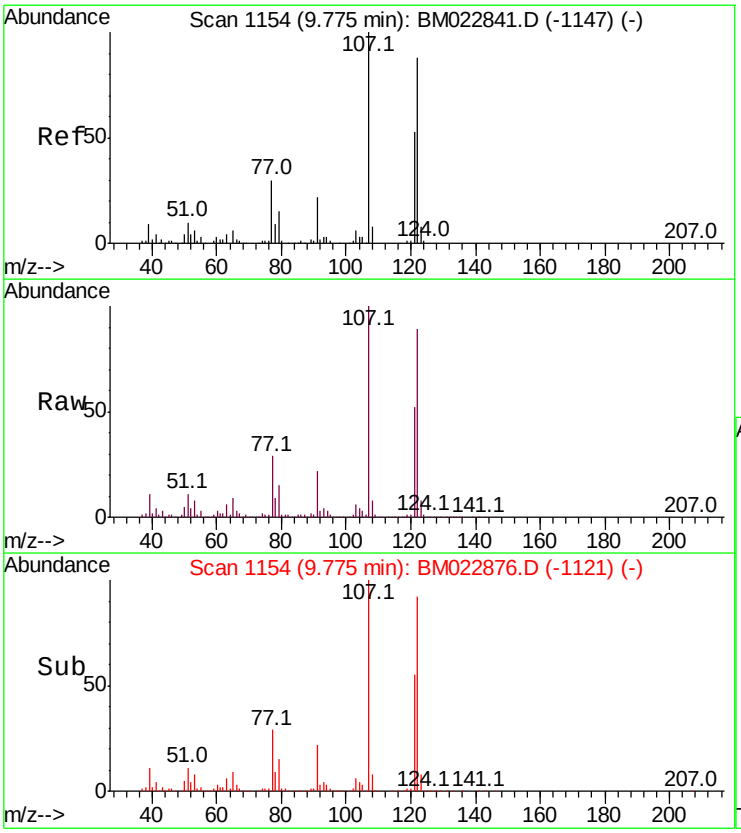
#17
Hexachloroethane
Concen: 12.376 ng/ul
RT: 8.91 min Scan# 1007
Delta R.T. 0.02 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 115147

Ion	Ratio	Lower	Upper
117	100		
201	0.0	82.5	123.7#
199	0.0	51.6	77.4#

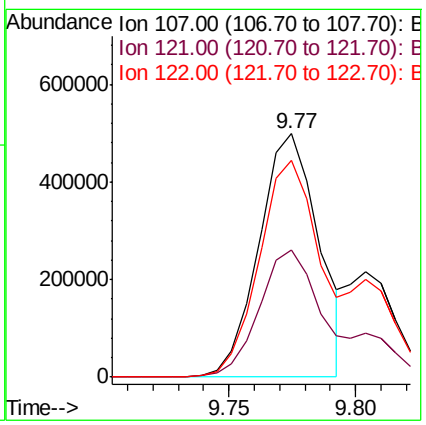


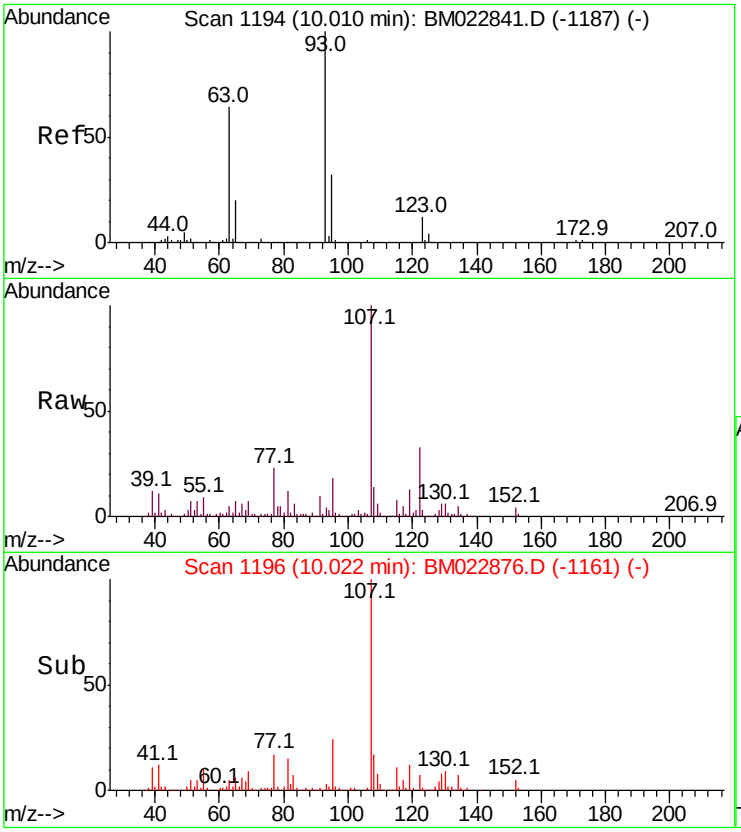


#24
2,4-Dimethylphenol
Concen: 30.971 ng/ul
RT: 9.77 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Tgt Ion:107 Resp: 816473

Ion	Ratio	Lower	Upper
107	100		
121	52.0	43.0	64.4
122	88.8	71.4	107.0



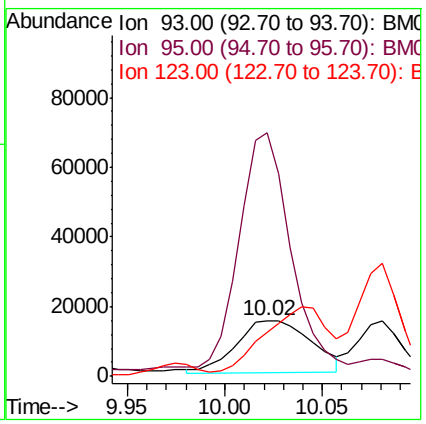


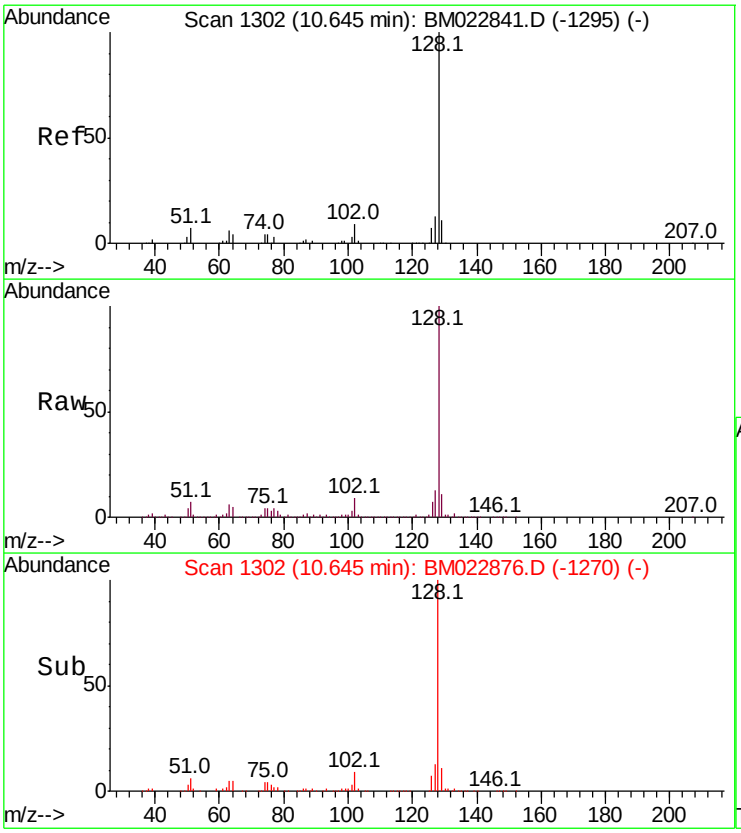
#25
Bis(2-Chloroethoxy)methane
Concen: 1.261 ng/ul
RT: 10.02 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 93 Resp: 40110

Ion	Ratio	Lower	Upper
93	100		
95	435.0	25.7	38.5#
123	79.5	9.4	14.0#

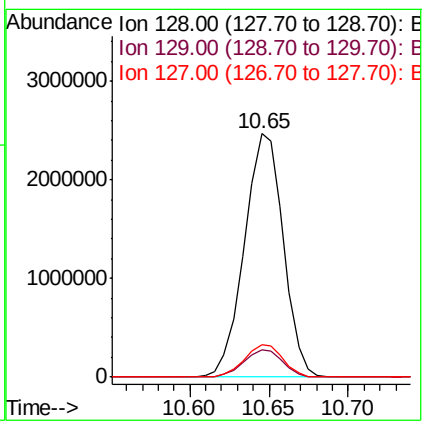


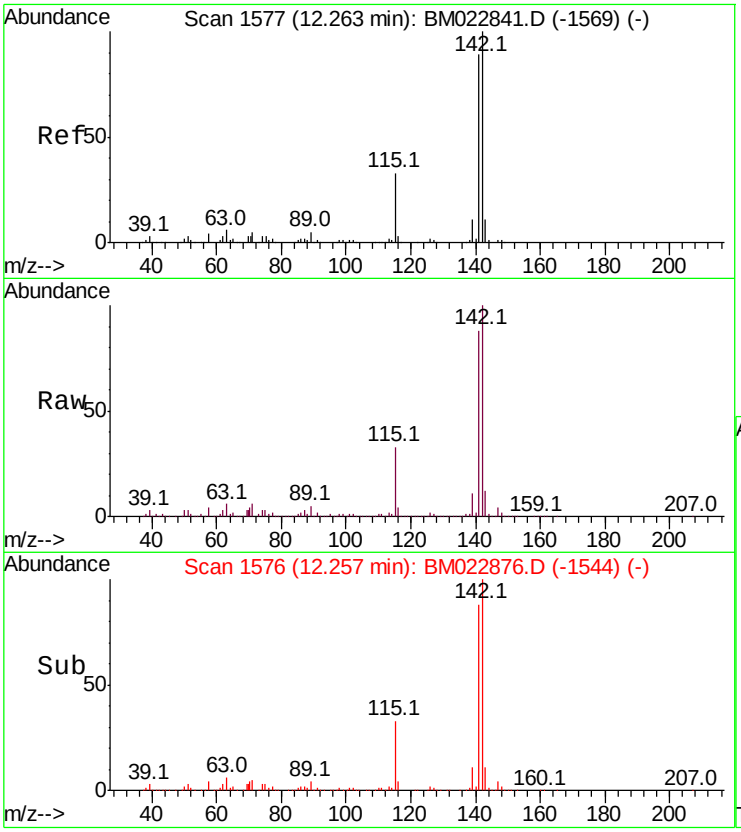


#28
Naphthalene
Concen: 55.361 ng/ul
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Tgt Ion:128 Resp: 4199957

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	13.0
127	13.4	10.2	15.4



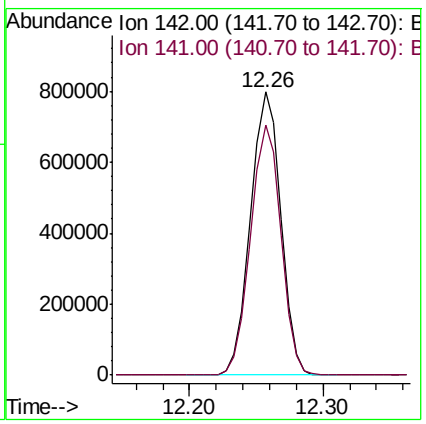


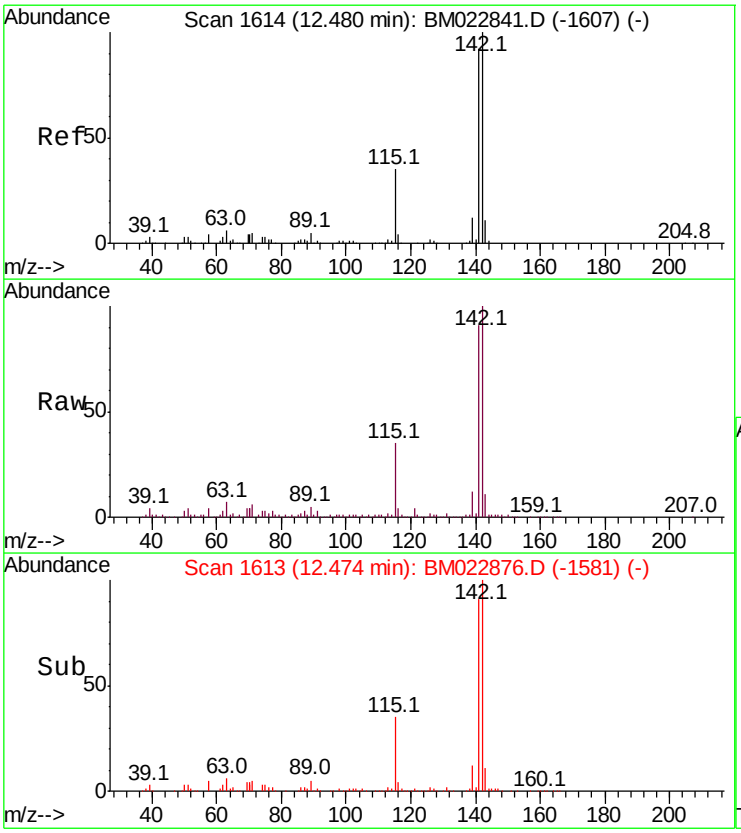
#34
2-Methylnaphthalene
Concen: 21.936 ng/ul
RT: 12.26 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 1247707

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.2	106.8

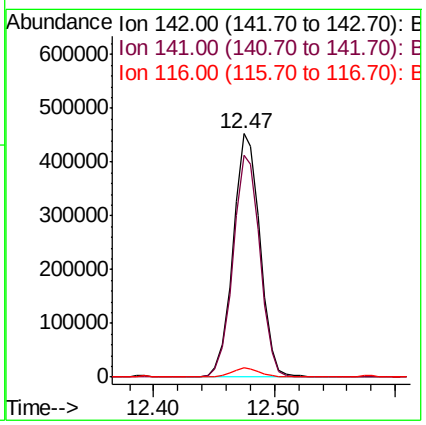


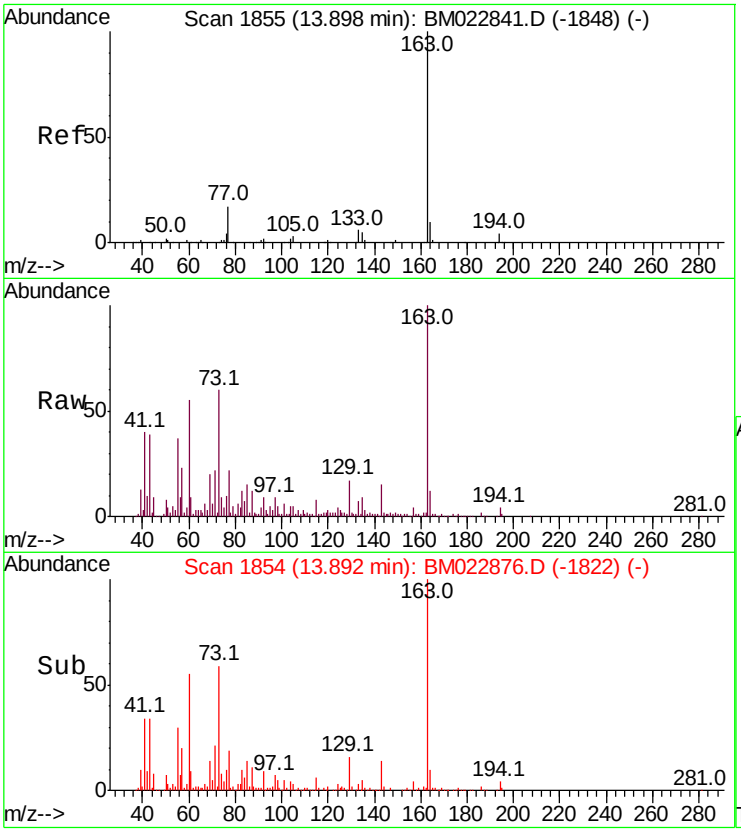


#35
1-Methylnaphthalene
Concen: 12.871 ng/ul
RT: 12.47 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Tgt Ion:142 Resp: 699221

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.0	109.6
116	4.0	2.9	4.3



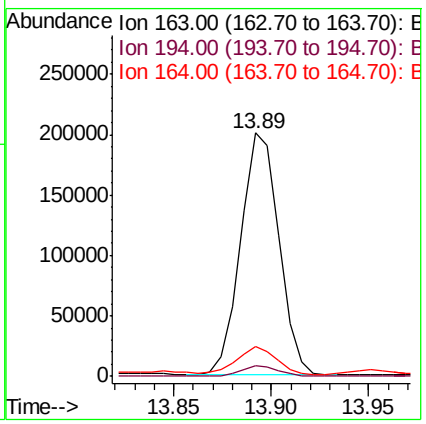


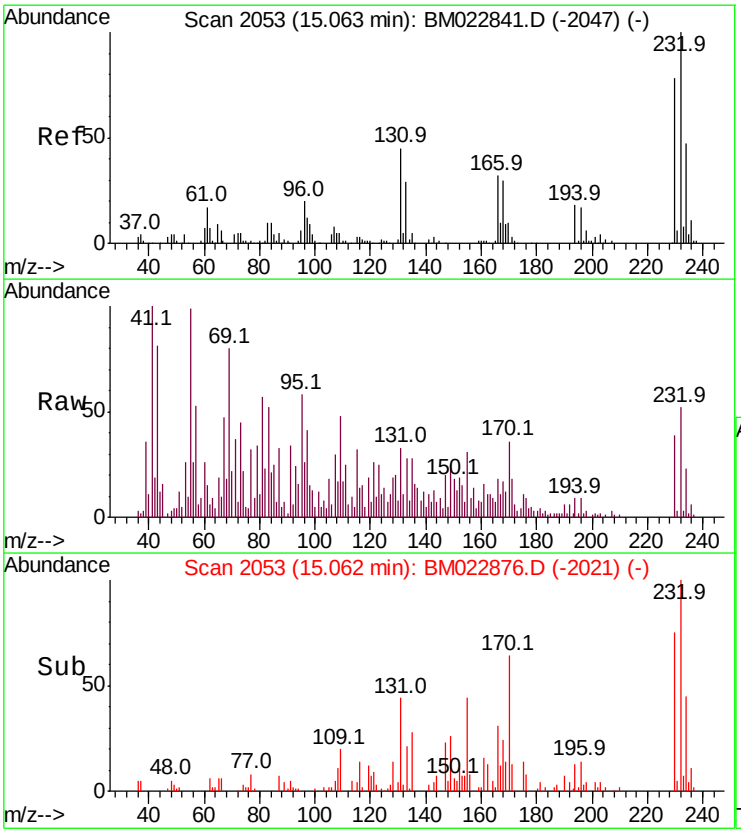
#45
Dimethylphthalate
Concen: 4.039 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 272173

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	12.2	8.1	12.1#

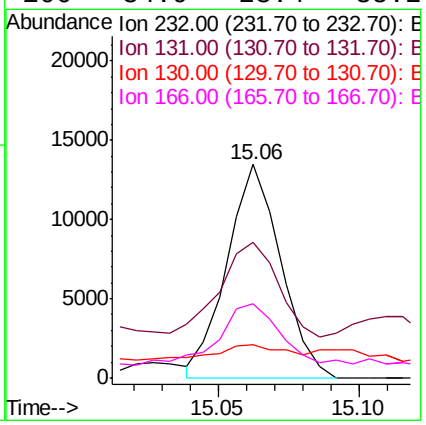


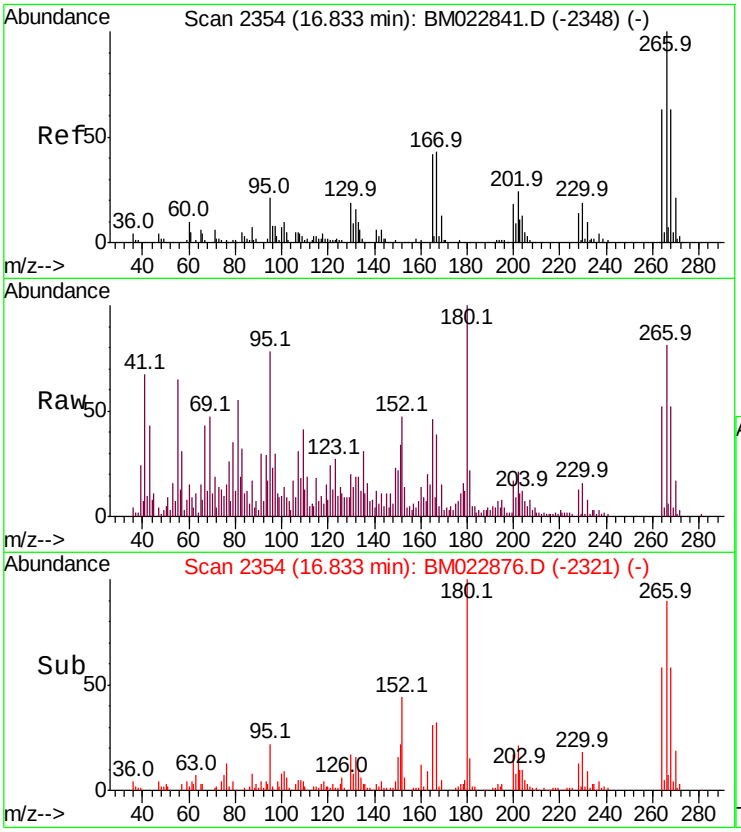


#56
2,3,4,6-Tetrachlorophenol
Concen: 1.011 ng/ul
RT: 15.06 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Tgt Ion:232 Resp: 17839

Ion	Ratio	Lower	Upper
232	100		
131	63.3	32.5	48.7#
130	15.3	1.6	2.4#
166	34.9	23.4	35.2



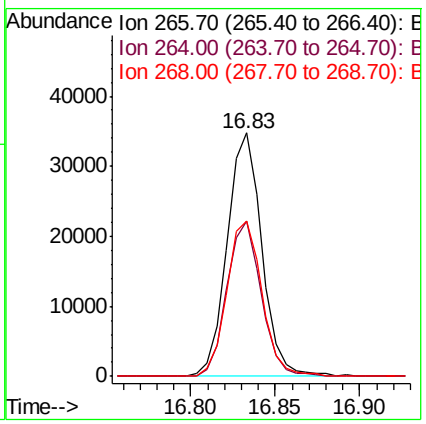


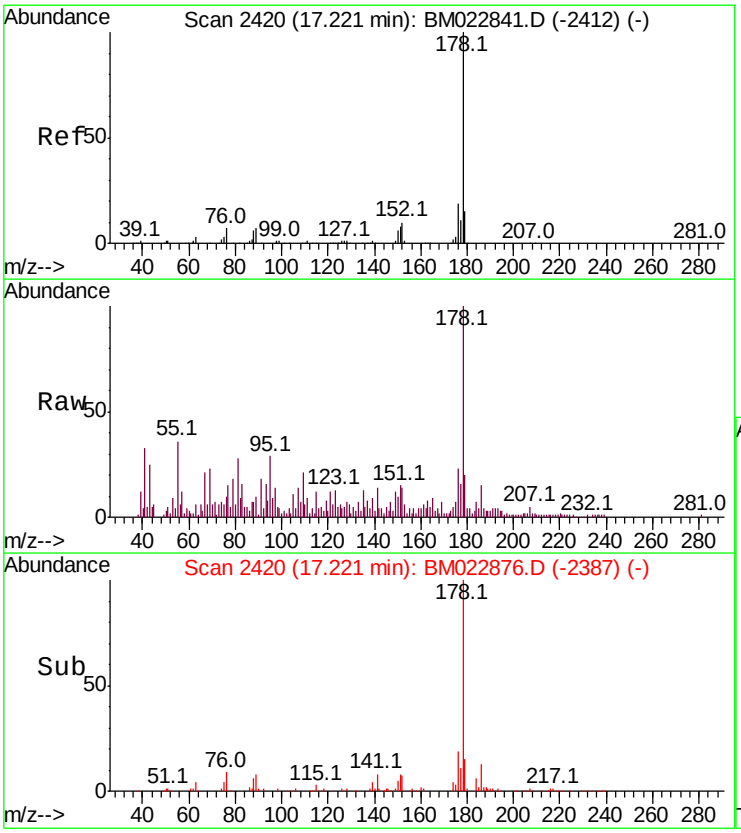
#69
Pentachlorophenol
Concen: 3.702 ng/ul
RT: 16.83 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 49603

Ion	Ratio	Lower	Upper
266	100		
264	63.8	50.8	76.2
268	63.8	51.4	77.0

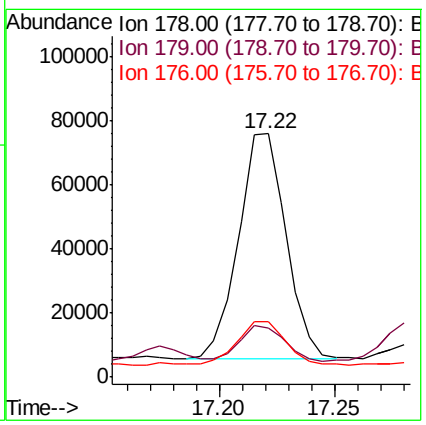


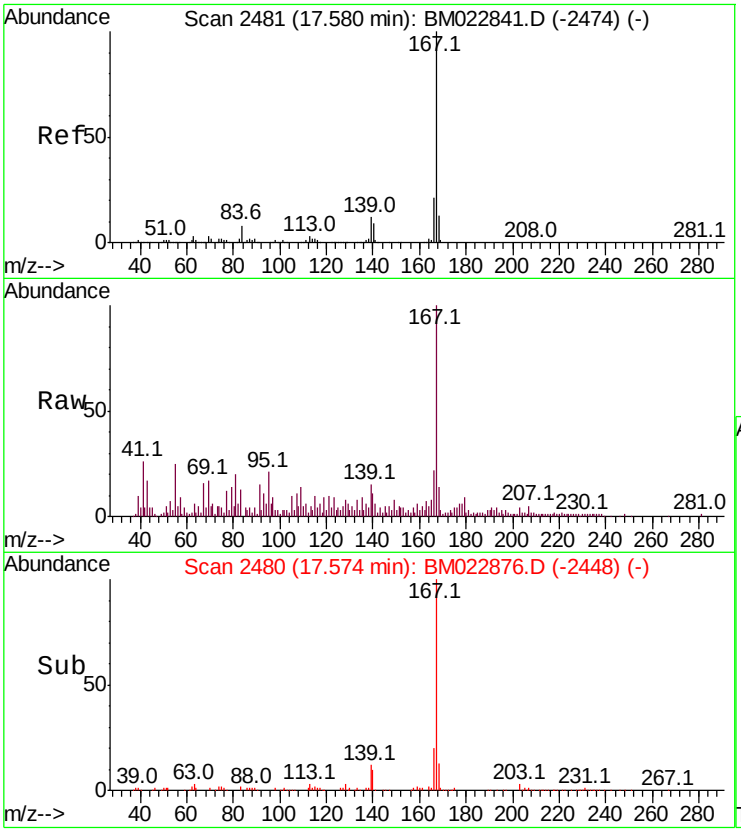


#70
Phenanthrene
Concen: 1.107 ng/ul
RT: 17.22 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Tgt Ion:178 Resp: 101437

Ion	Ratio	Lower	Upper
178	100		
179	20.2	12.4	18.6#
176	22.7	15.3	22.9





#75
Carbazole
Concen: 1.413 ng/ul
RT: 17.57 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 117280

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.1	25.7
139	15.4	9.9	14.9#