Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013071.D
Acq On : 21 Nov 2017 07:41
Operator : SJ/JU
Sample : I6405-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Nov 21 13:57:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 21 07:39:32 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	249044	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1106201	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	662498	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1434740	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1143619	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	973945	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	34588	6.43	ng/uL	0.00
5) Phenol-d5	6.89	99	195680	9.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	461308	37.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	560051	32.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	388698	22.00	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	347782	44.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	396811	52.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	701068	36.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	420	0.02	ng/ul	0.02
43) Dimethylphthalate-d6	13.77	166	2277867	39.20	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	2736627	36.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	79235	8.99	ng/ul	0.02
57) Fluorene-d10	15.35	176	1900178	38.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	289019	46.46	ng/ul	0.00
70) Anthracene-d10	17.20	188	2822976	38.43	ng/ul	0.00
76) Pyrene-d10	19.49	212	2721427	46.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1990258	40.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	9967	1.687	ng/uL#	69
4) Benzaldehyde	6.85	77	20122	1.731	ng/ul#	36
6) Phenol	6.92	94	38505	1.808	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.15	93	18744	1.169	ng/ul	97
14) Acetophenone	8.51	105	33156	1.224	ng/ul#	31
28) Naphthalene	10.55	128	2760535	48.431	ng/ul	99
30) 4-Chloroaniline	10.55	127	358838	18.804	ng/ul#	14
33) 4-Chloro-3-methylphenol	11.85	107	242239	12.857	ng/ul#	21
34) 2-Methylnaphthalene	12.16	142	322356	7.730	ng/ul	99
49) Acenaphthene	14.42	153	165376	3.608	ng/ul	100

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

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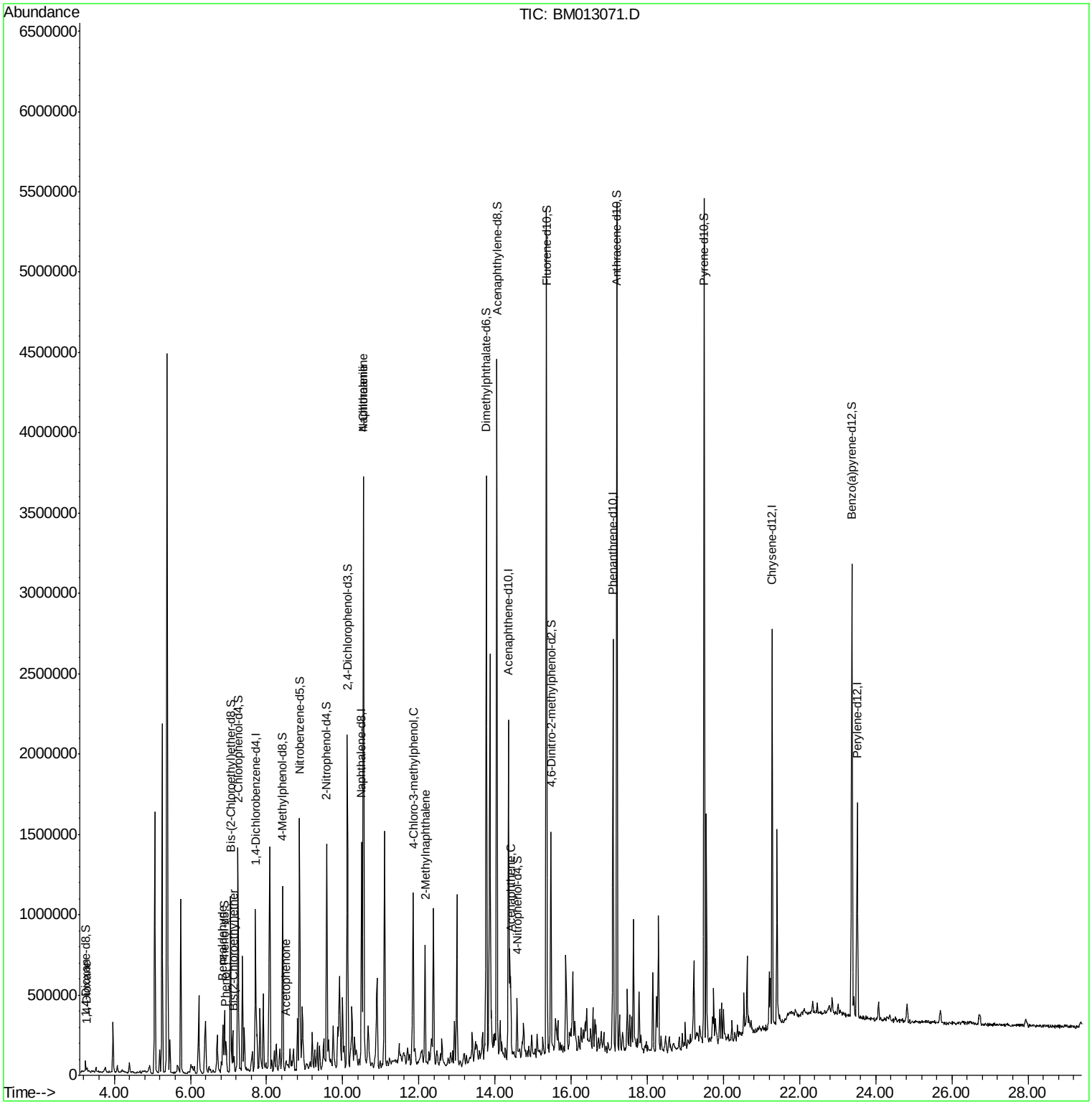
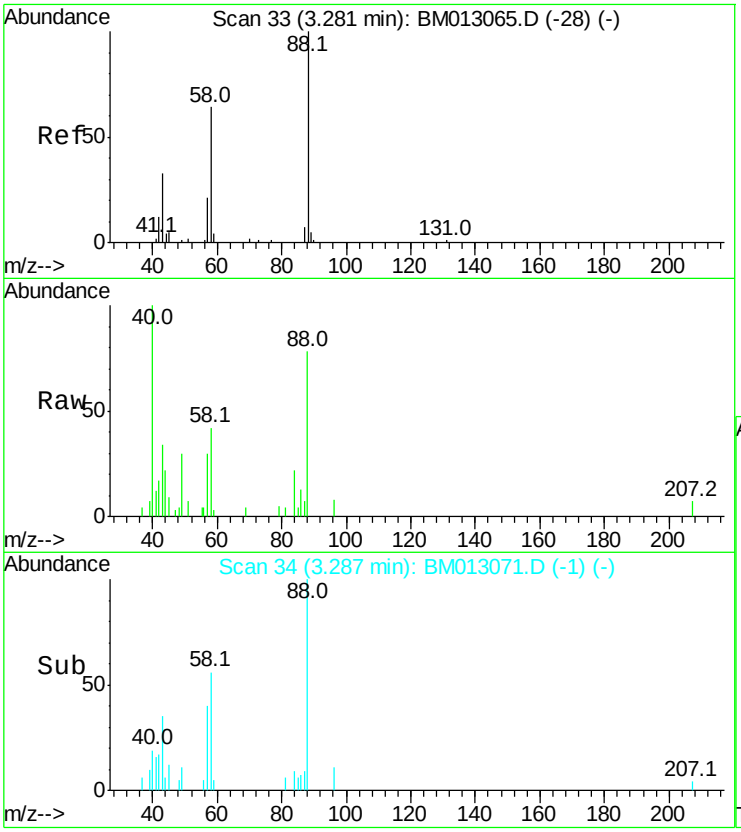


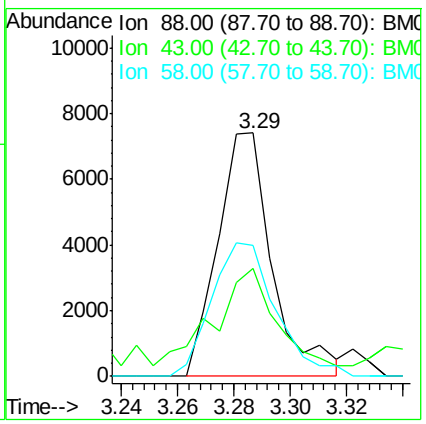


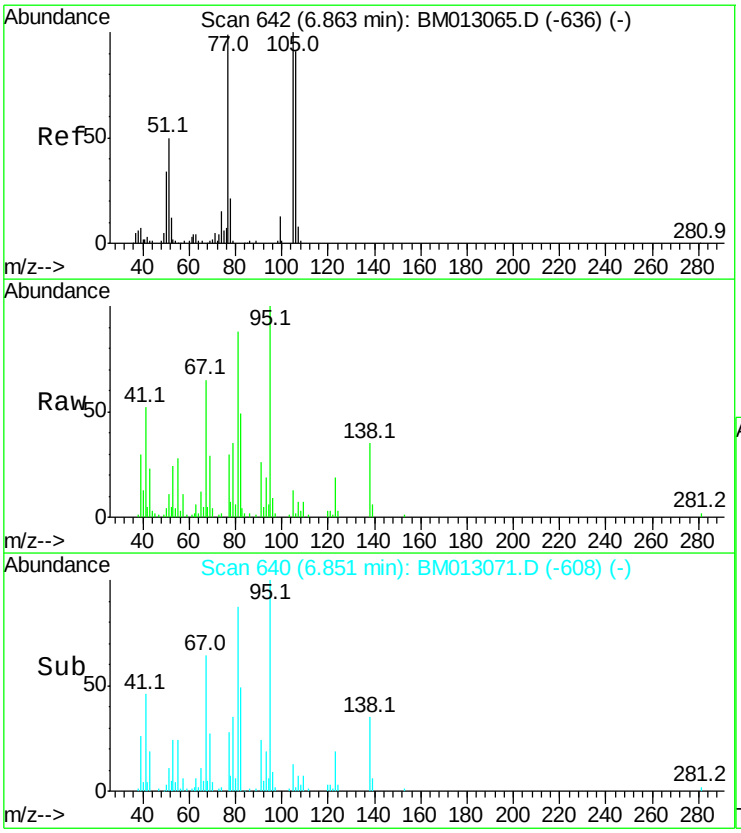
#2
1,4-Dioxane
Concen: 1.687 ng/uL
RT: 3.29 min Scan# 34
Delta R.T. 0.01 min
Lab File: BM013071.D
Acq: 21 Nov 2017 07:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 9967

Ion	Ratio	Lower	Upper
88	100		
43	43.3	48.0	72.0#
58	64.4	80.0	120.0#

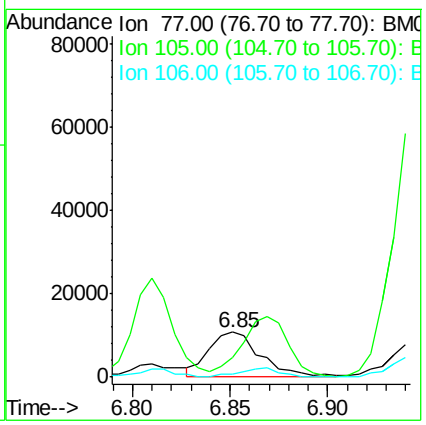


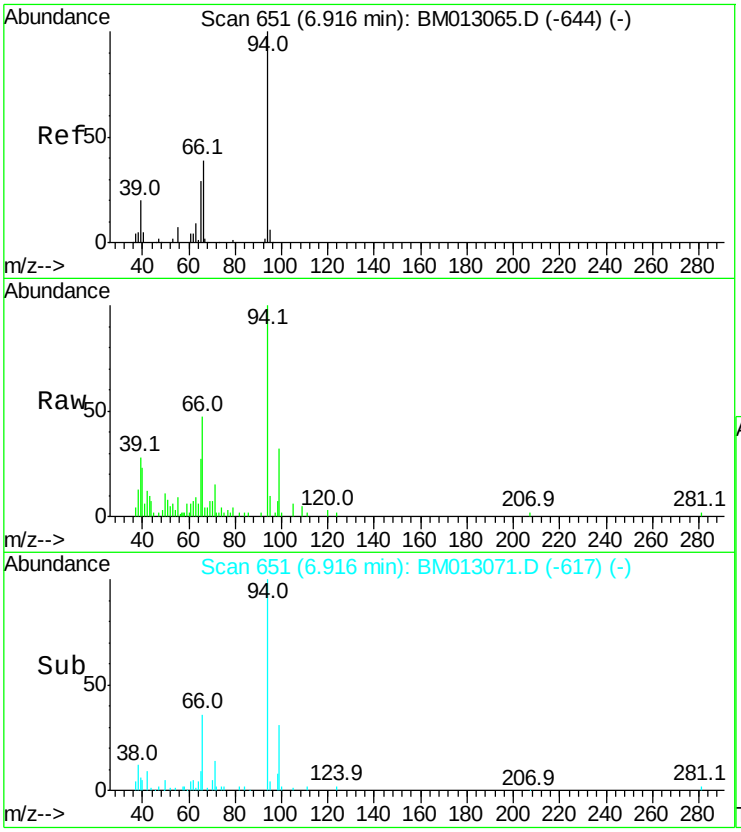


#4
Benzaldehyde
Concen: 1.731 ng/ul
RT: 6.85 min Scan# 640
Delta R.T. -0.01 min
Lab File: BM013071.D
Acq: 21 Nov 2017 07:41

Tgt Ion: 77 Resp: 20122

Ion	Ratio	Lower	Upper
77	100		
105	44.1	66.1	99.1#
106	7.8	67.8	101.6#



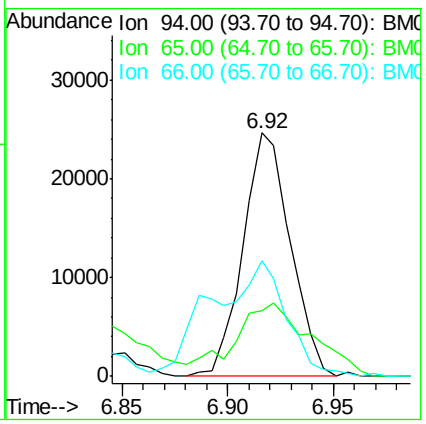


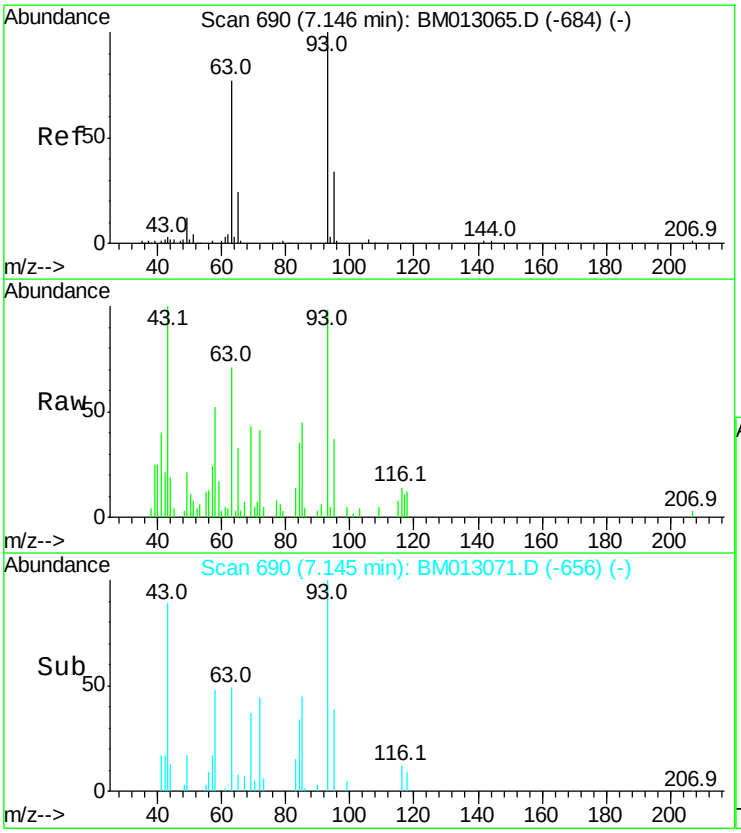
#6
Phenol
Concen: 1.808 ng/ul
RT: 6.92 min Scan# 651
Delta R.T. -0.00 min
Lab File: BM013071.D
Acq: 21 Nov 2017 07:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 38505

Ion	Ratio	Lower	Upper
94	100		
65	27.1	28.2	42.4#
66	47.4	47.2	70.8

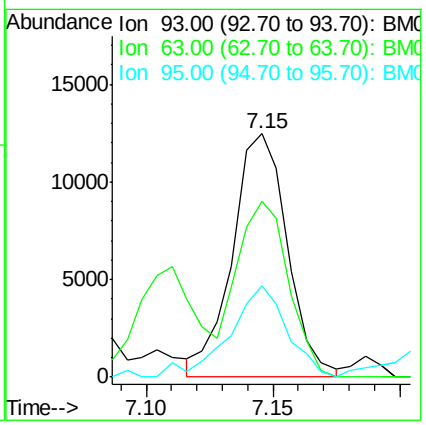


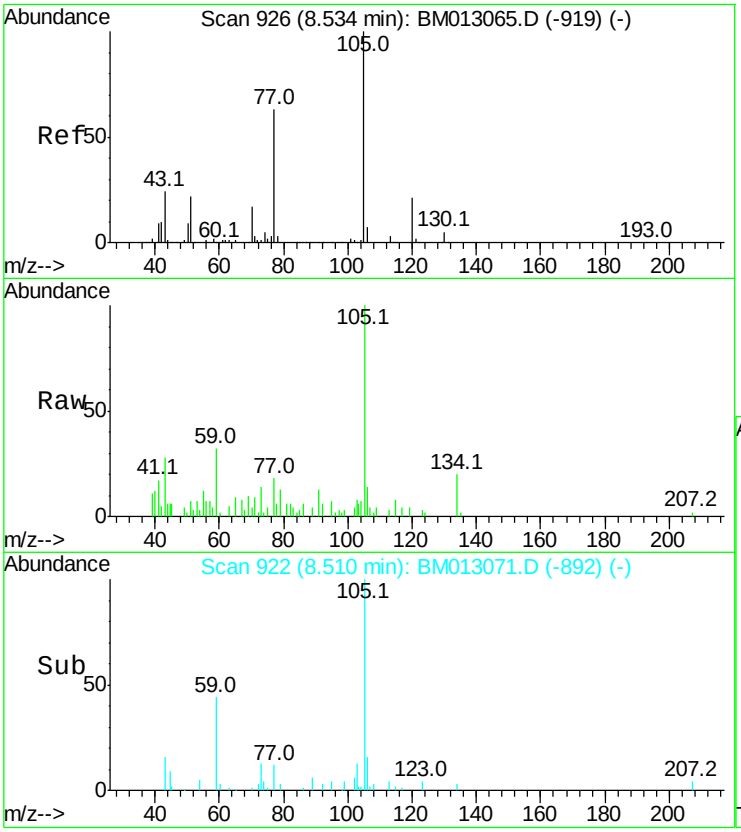


#8
Bis(2-Chloroethyl)ether
Concen: 1.169 ng/ul
RT: 7.15 min Scan# 690
Delta R.T. -0.00 min
Lab File: BM013071.D
Acq: 21 Nov 2017 07:41

Tgt Ion: 93 Resp: 18744

Ion	Ratio	Lower	Upper
93	100		
63	72.2	57.3	85.9
95	37.3	26.6	39.8



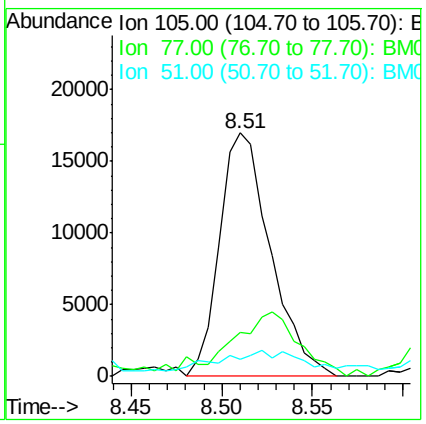


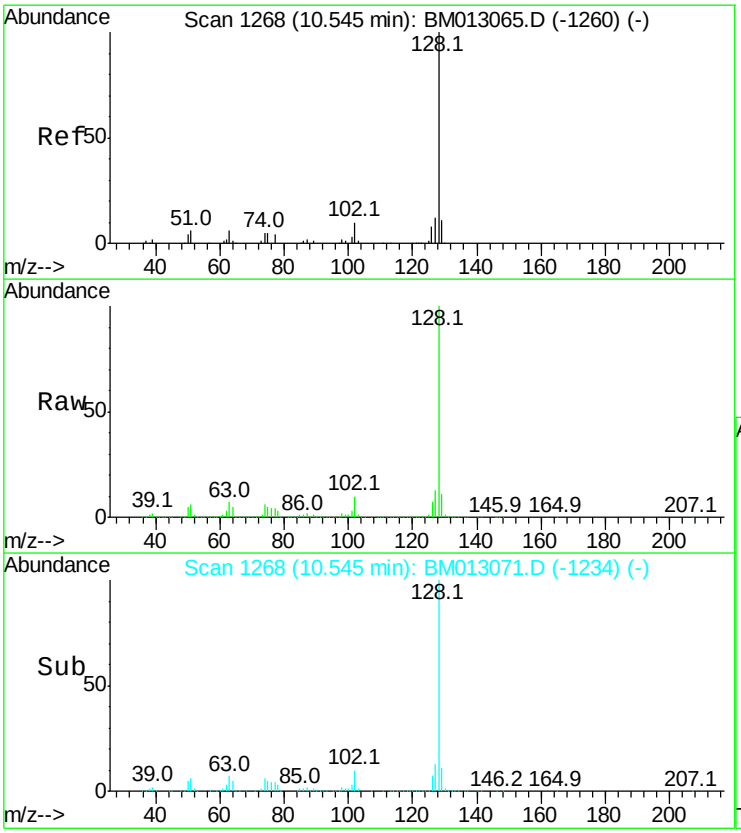
#14
Acetophenone
Concen: 1.224 ng/ul
RT: 8.51 min Scan# 922
Delta R.T. -0.02 min
Lab File: BM013071.D
Acq: 21 Nov 2017 07:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 33156

Ion	Ratio	Lower	Upper
105	100		
77	18.2	74.2	111.4#
51	6.8	23.4	35.2#

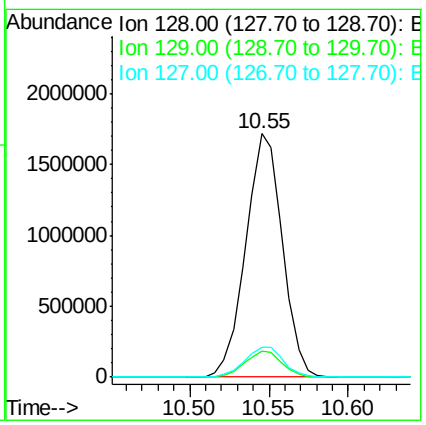


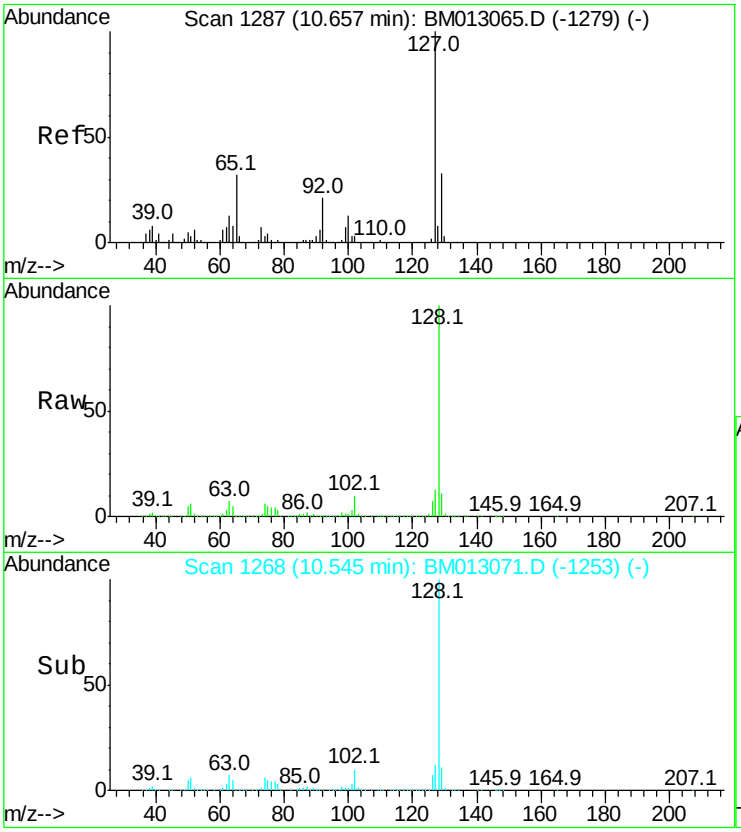


#28
Naphthalene
Concen: 48.431 ng/ul
RT: 10.55 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BM013071.D
Acq: 21 Nov 2017 07:41

Tgt Ion:128 Resp: 2760535

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.5	10.6	16.0



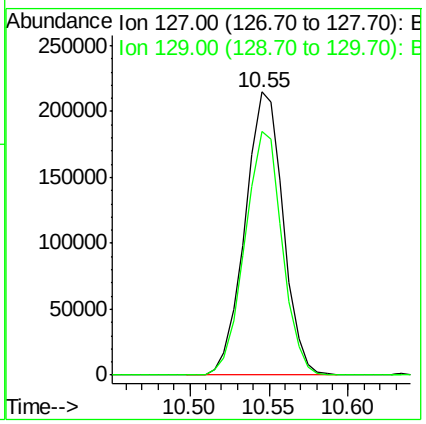


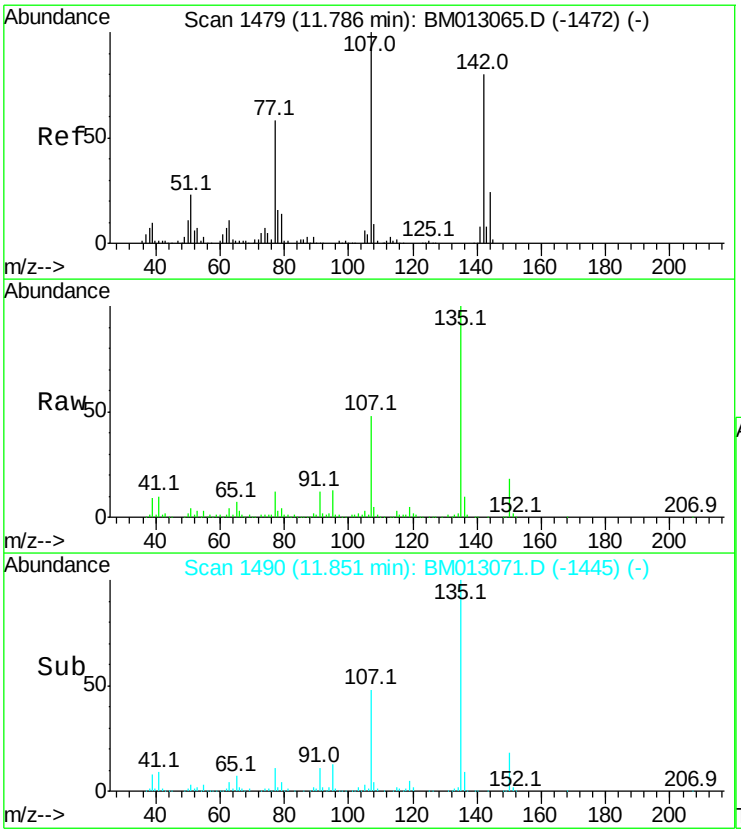
#30
4-Chloroaniline
Concen: 18.804 ng/ul
RT: 10.55 min Scan# 1268
Delta R.T. -0.11 min
Lab File: BM013071.D
Acq: 21 Nov 2017 07:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 358838

Ion	Ratio	Lower	Upper
127	100		
129	86.0	28.4	42.6#

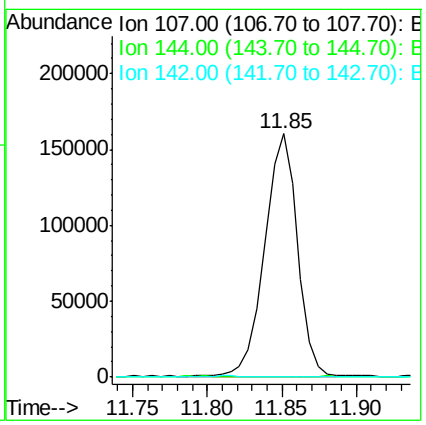


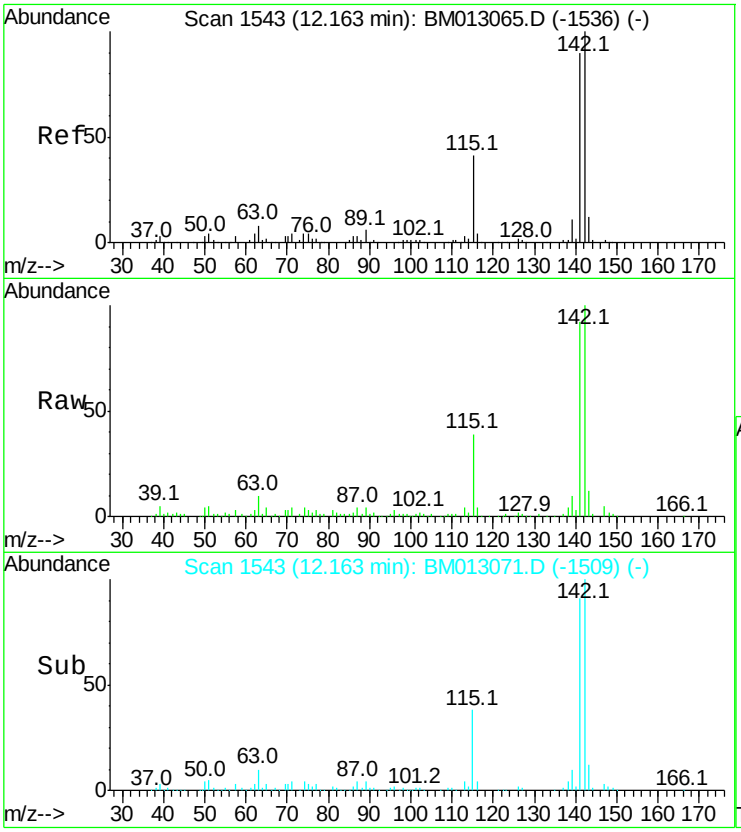


#33
4-Chloro-3-methylphenol
Concen: 12.857 ng/ul
RT: 11.85 min Scan# 1490
Delta R.T. 0.06 min
Lab File: BM013071.D
Acq: 21 Nov 2017 07:41

Tgt Ion:107 Resp: 242239

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.4	30.6#
142	0.0	60.5	90.7#



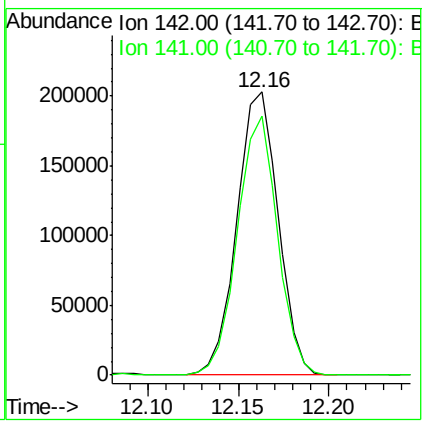


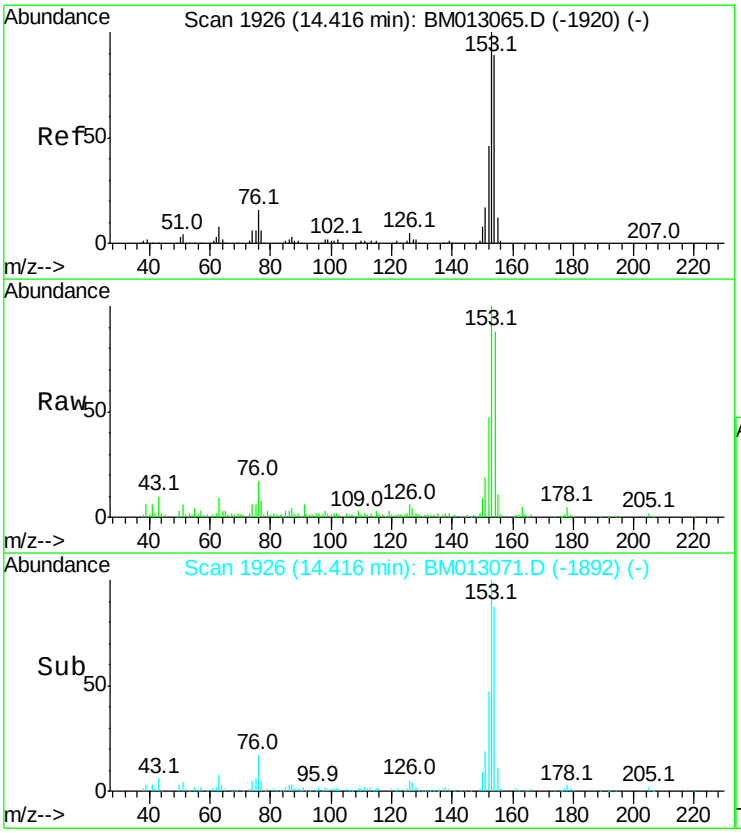
#34
2-Methylnaphthalene
Concen: 7.730 ng/ul
RT: 12.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BM013071.D
Acq: 21 Nov 2017 07:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 322356

Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.1	111.1





#49
Acenaphthene
Concen: 3.608 ng/ul
RT: 14.42 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BM013071.D
Acq: 21 Nov 2017 07:41

Tgt Ion:153 Resp: 165376

Ion	Ratio	Lower	Upper
153	100		
152	46.8	37.6	56.4
154	87.6	70.4	105.6