Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013070.D
Acq On : 21 Nov 2017 07:05
Operator : SJ/JU
Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

Quant Time: Nov 21 08:16:22 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	260760	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1076594	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	599902	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1190045	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1099050	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	1062893	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	32048	5.69	ng/uL	0.00
5) Phenol-d5	6.89	99	161785	7.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	393457	30.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	481481	26.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	298842	16.15	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	289906	37.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	341794	46.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	564571	30.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	9510	0.49	ng/ul	-0.02
43) Dimethylphthalate-d6	13.77	166	1693835	32.19	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	2109126	31.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	54901	6.88	ng/ul	0.03
57) Fluorene-d10	15.35	176	1415806	31.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	197359	38.25	ng/ul	0.00
70) Anthracene-d10	17.20	188	2062499	33.85	ng/ul	0.00
76) Pyrene-d10	19.49	212	2062260	36.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1898823	35.23	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	27247	4.406	ng/uL#	66
6) Phenol	6.92	94	62116	2.786	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.15	93	99014	5.899	ng/ul	96
10) 2-Chlorophenol	7.28	128	18212	1.019	ng/ul#	69
24) 2,4-Dimethylphenol	9.68	107	34757	1.663	ng/ul	96
28) Naphthalene	10.55	128	1071565	19.317	ng/ul	99
34) 2-Methylnaphthalene	12.16	142	130838	3.224	ng/ul	90
49) Acenaphthene	14.42	153	72183	1.739	ng/ul	96
64) N-Nitrosodiphenylamine	15.62	169	1982000	53.049	ng/ul	99

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

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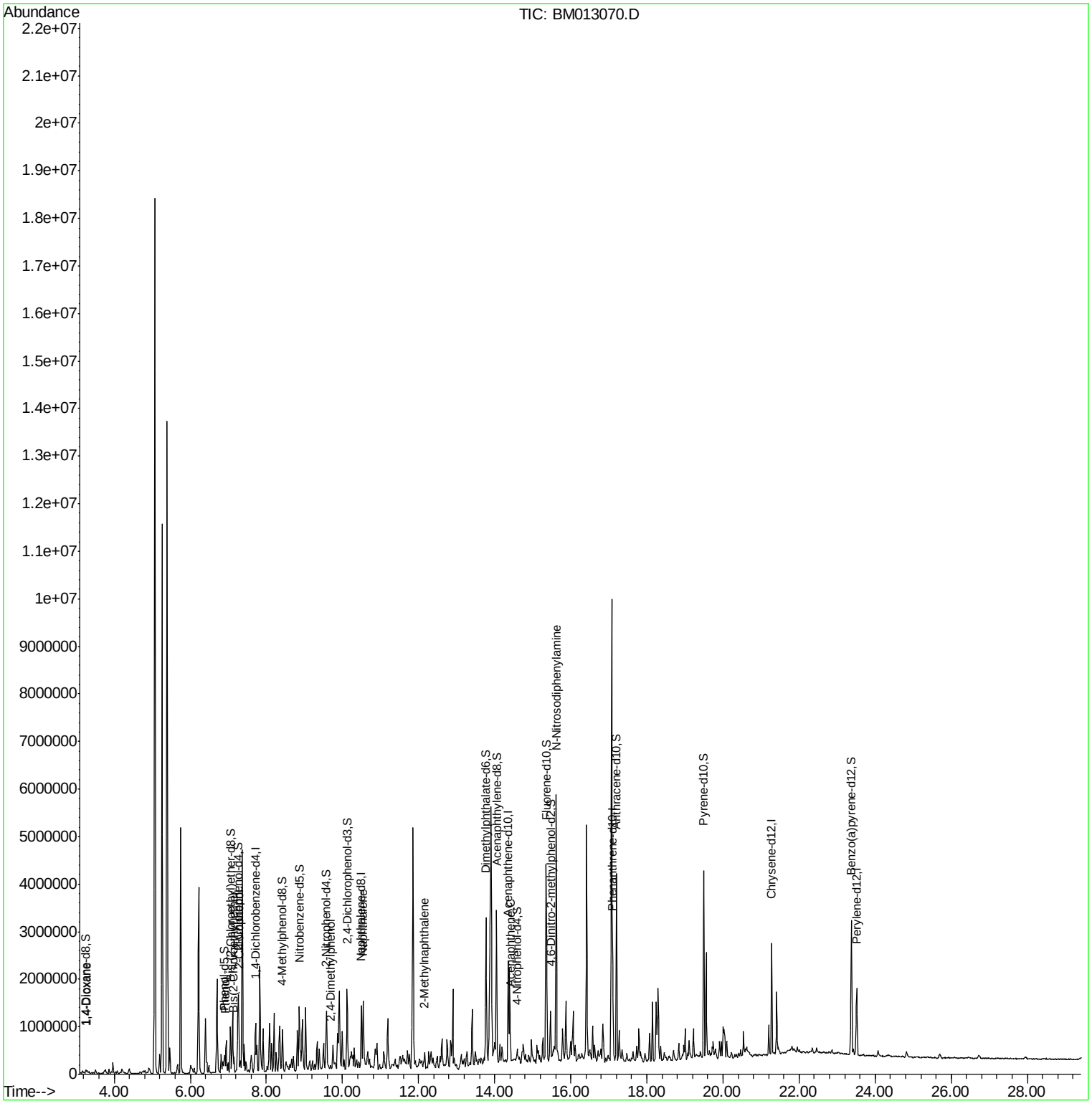
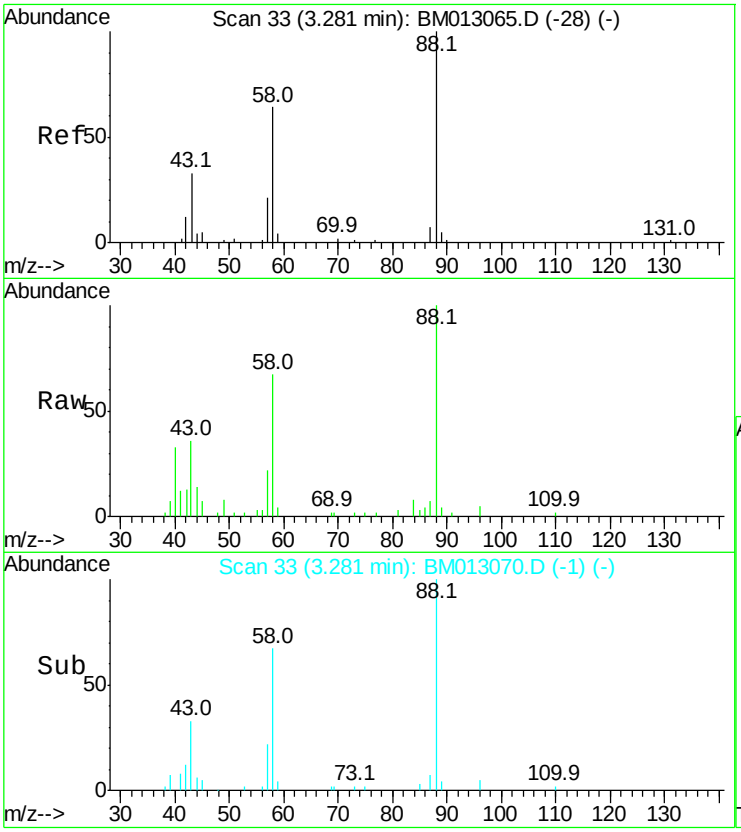


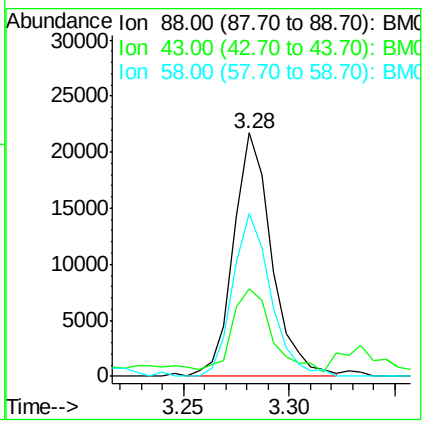


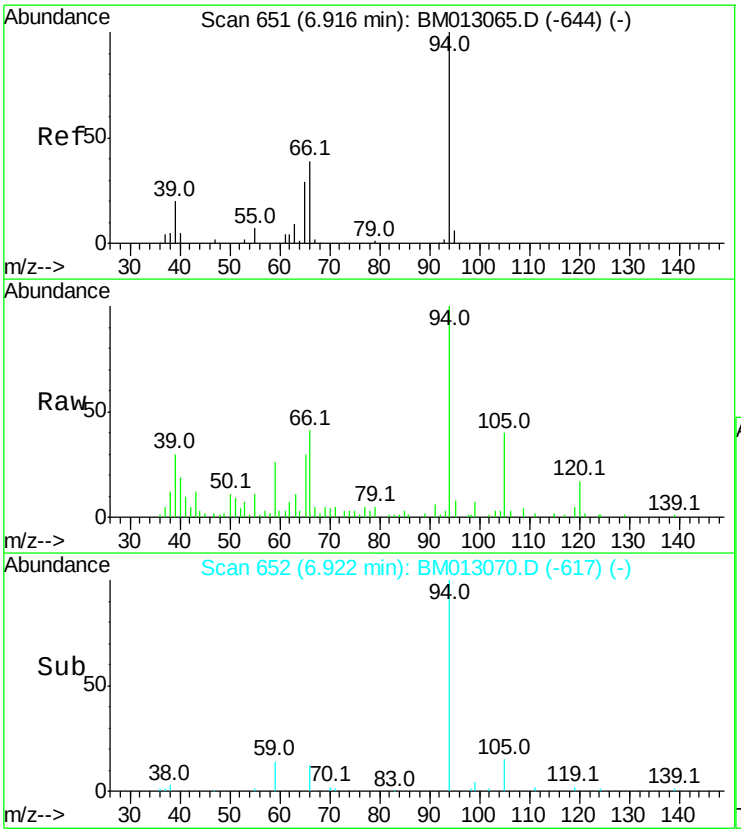
#2
1,4-Dioxane
Concen: 4.406 ng/uL
RT: 3.28 min Scan# 33
Delta R.T. -0.00 min
Lab File: BM013070.D
Acq: 21 Nov 2017 07:05

Instrument :
BNA_M
ClientSampleId :
BE2W1

Tgt Ion: 88 Resp: 27247

Ion	Ratio	Lower	Upper
88	100		
43	34.2	48.0	72.0#
58	66.5	80.0	120.0#

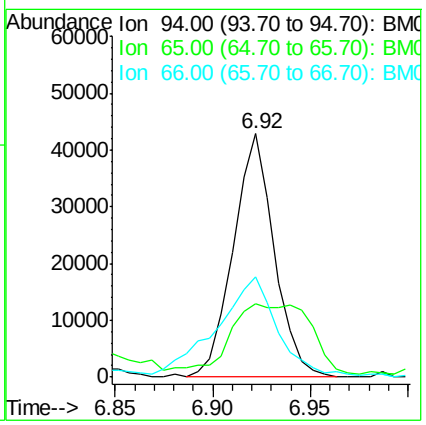


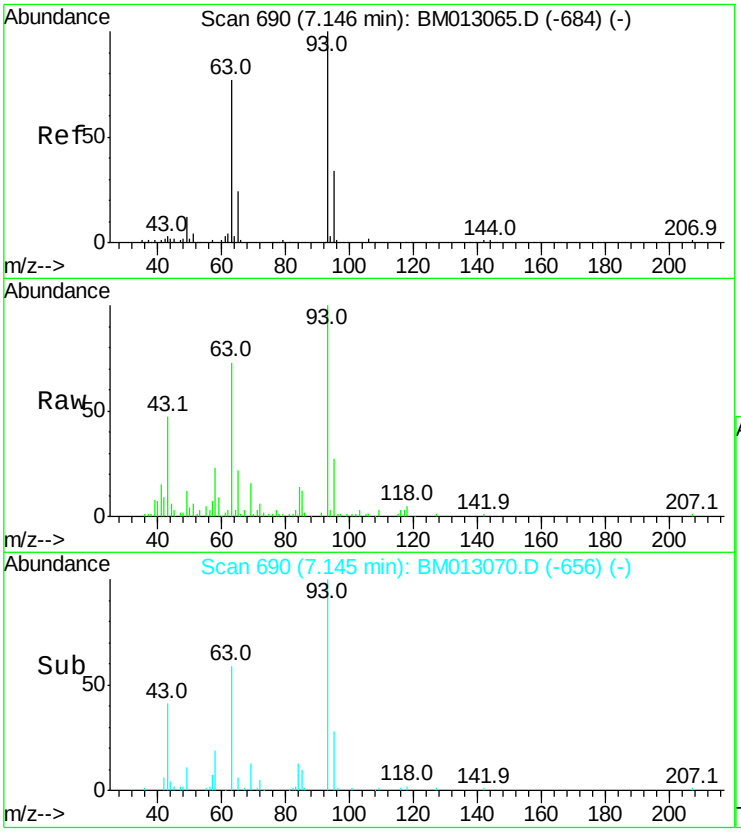


#6
Phenol
Concen: 2.786 ng/ul
RT: 6.92 min Scan# 652
Delta R.T. 0.01 min
Lab File: BM013070.D
Acq: 21 Nov 2017 07:05

Tgt Ion: 94 Resp: 62116

Ion	Ratio	Lower	Upper
94	100		
65	30.0	28.2	42.4
66	41.1	47.2	70.8#



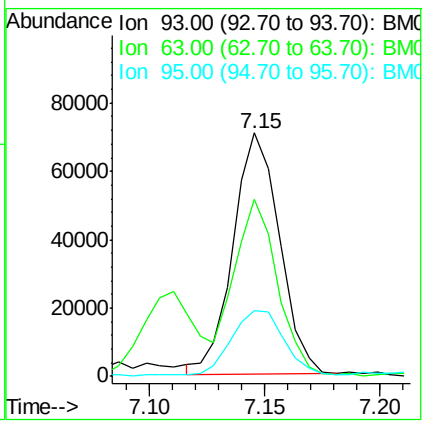


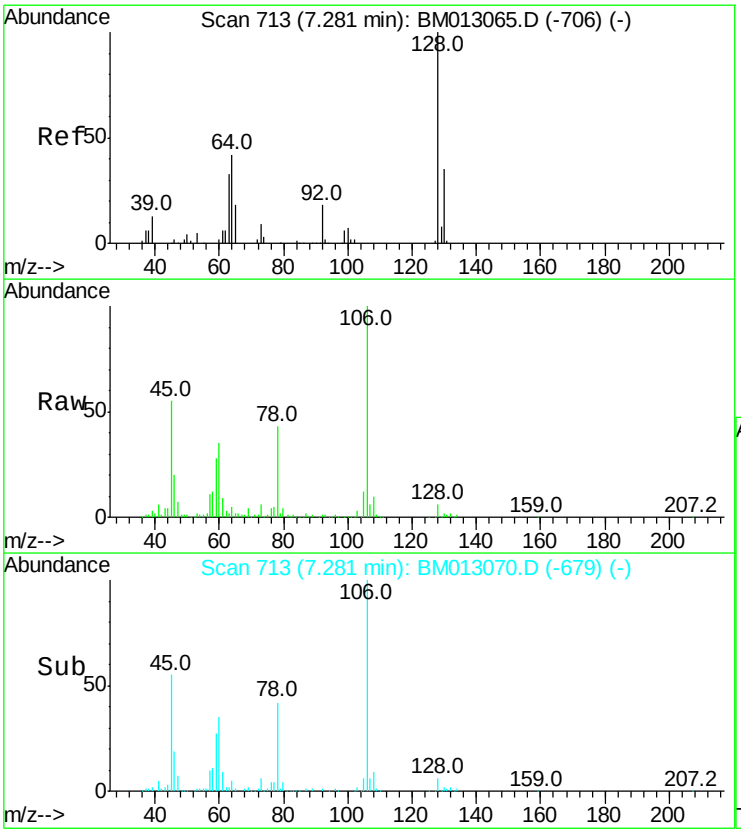
#8
Bis(2-Chloroethyl)ether
Concen: 5.899 ng/ul
RT: 7.15 min Scan# 690
Delta R.T. -0.00 min
Lab File: BM013070.D
Acq: 21 Nov 2017 07:05

Instrument :
BNA_M
ClientSampleId :
BE2W1

Tgt Ion: 93 Resp: 99014

Ion	Ratio	Lower	Upper
93	100		
63	72.6	57.3	85.9
95	27.2	26.6	39.8

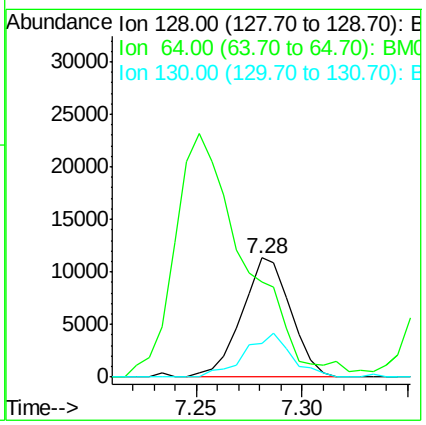


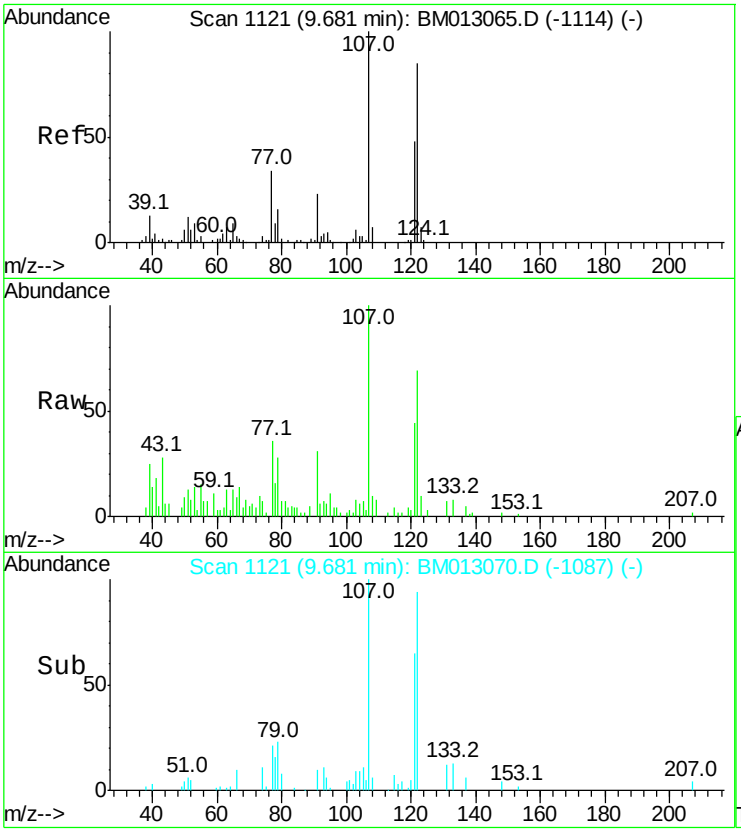


#10
2-Chlorophenol
Concen: 1.019 ng/ul
RT: 7.28 min Scan# 713
Delta R.T. -0.00 min
Lab File: BM013070.D
Acq: 21 Nov 2017 07:05

Tgt Ion:128 Resp: 18212

Ion	Ratio	Lower	Upper
128	100		
64	79.7	38.0	57.0#
130	27.9	24.4	36.6



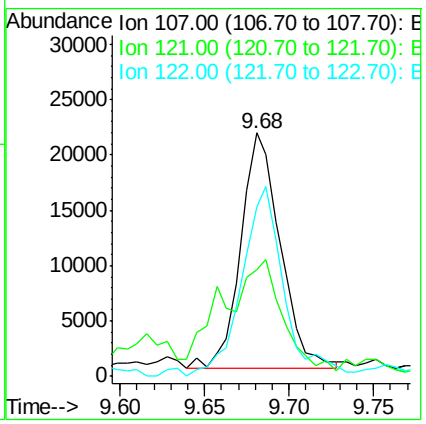


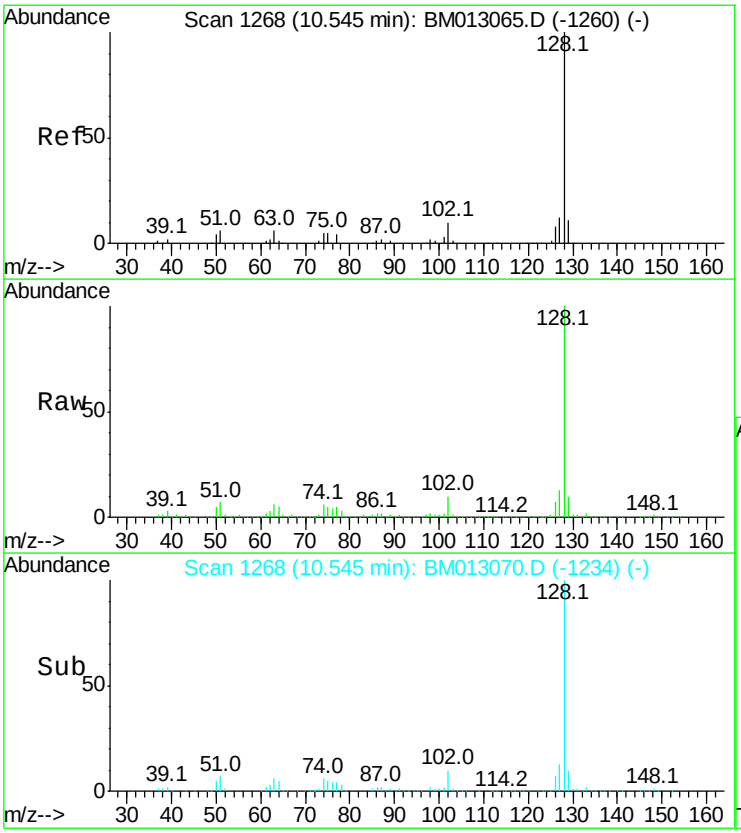
#24
2,4-Dimethylphenol
Concen: 1.663 ng/ul
RT: 9.68 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BM013070.D
Acq: 21 Nov 2017 07:05

Instrument :
BNA_M
ClientSampleId :
BE2W1

Tgt Ion:107 Resp: 34757

Ion	Ratio	Lower	Upper
107	100		
121	43.9	31.9	47.9
122	69.4	57.8	86.6

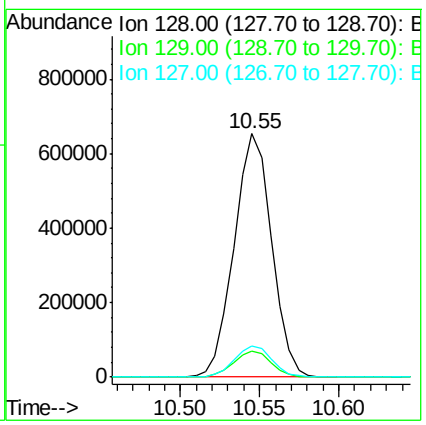


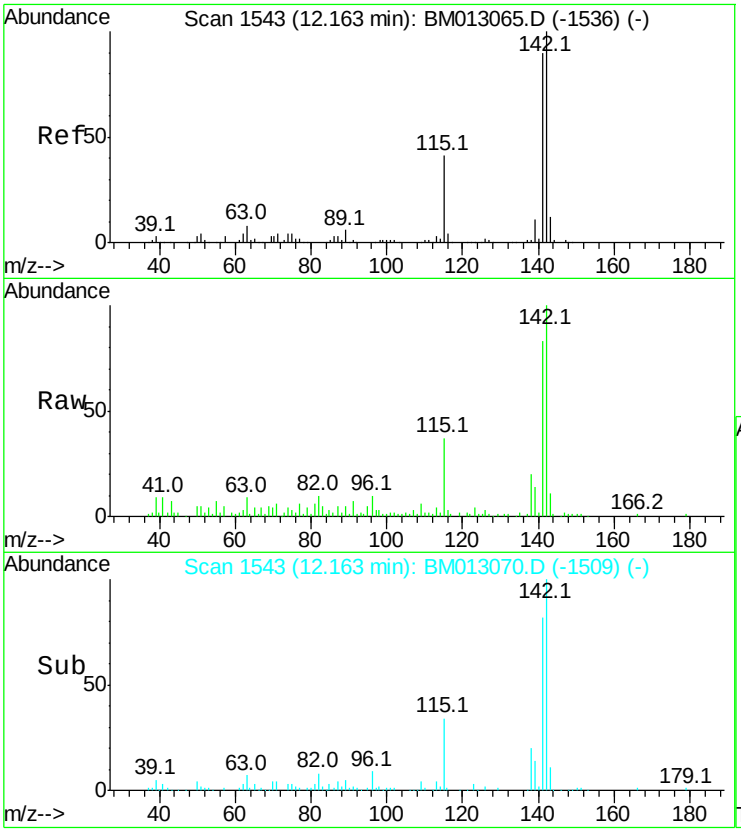


#28
Naphthalene
Concen: 19.317 ng/ul
RT: 10.55 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BM013070.D
Acq: 21 Nov 2017 07:05

Tgt Ion:128 Resp: 1071565

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	13.0	10.6	16.0



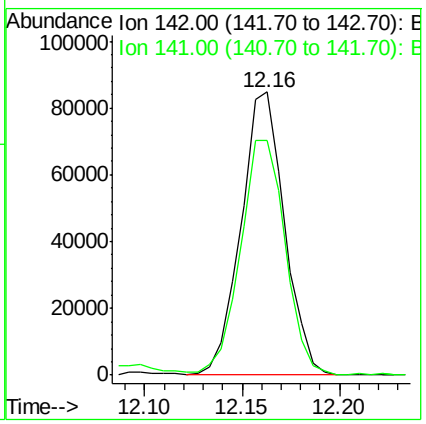


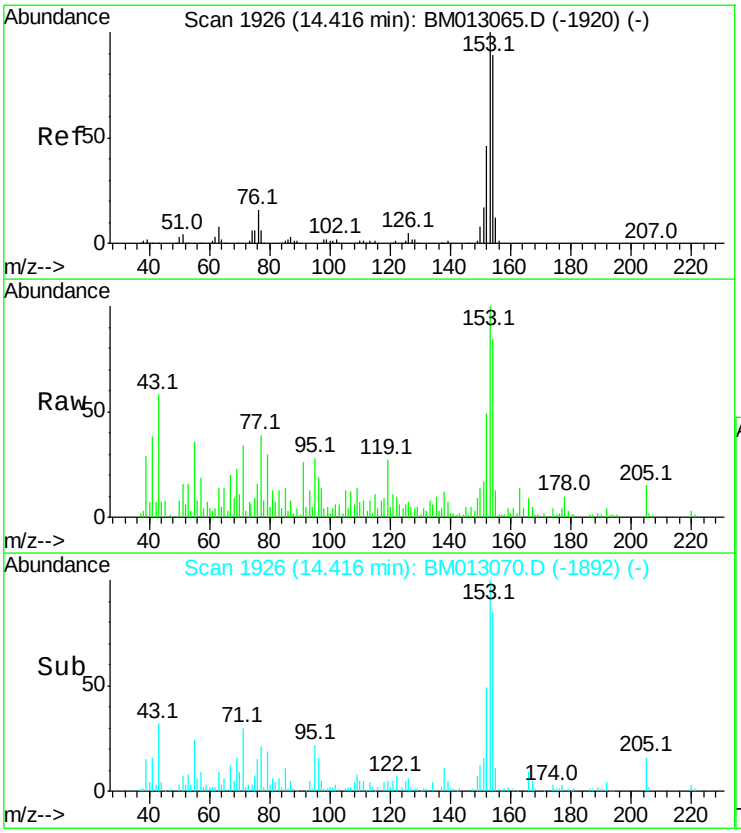
#34
2-Methylnaphthalene
Concen: 3.224 ng/ul
RT: 12.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BM013070.D
Acq: 21 Nov 2017 07:05

Instrument :
BNA_M
ClientSampleId :
BE2W1

Tgt Ion:142 Resp: 130838

Ion	Ratio	Lower	Upper
142	100		
141	82.7	74.1	111.1

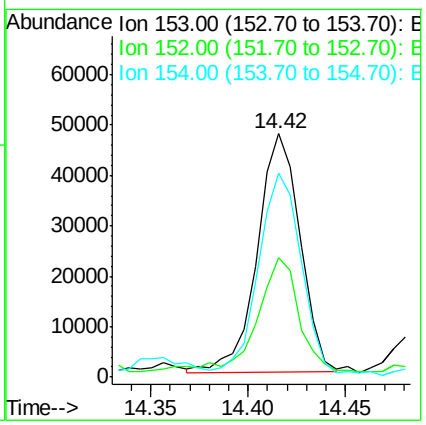


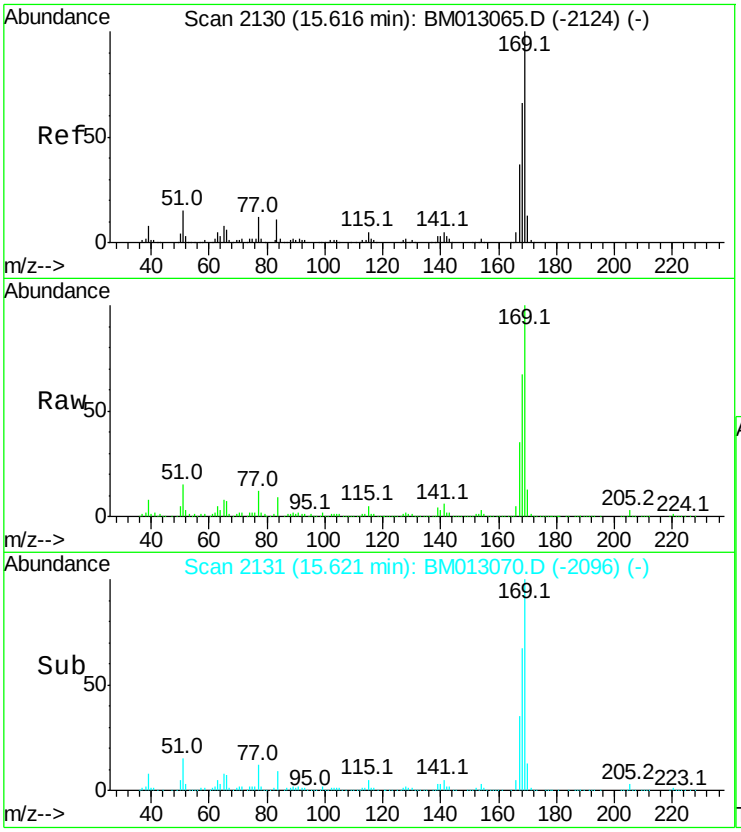


#49
Acenaphthene
Concen: 1.739 ng/ul
RT: 14.42 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BM013070.D
Acq: 21 Nov 2017 07:05

Tgt Ion:153 Resp: 72183

Ion	Ratio	Lower	Upper
153	100		
152	49.2	37.6	56.4
154	83.9	70.4	105.6





#64
N-Nitrosodiphenylamine
Concen: 53.049 ng/ul
RT: 15.62 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BM013070.D
Acq: 21 Nov 2017 07:05

Instrument :
BNA_M
ClientSampleId :
BE2W1

Tgt Ion:169 Resp: 1982000

Ion	Ratio	Lower	Upper
169	100		
168	66.5	54.0	81.0
167	35.3	29.1	43.7