Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028324.D
Acq On : 14 Aug 2017 22:44
Operator : SJ/JU
Sample : I4630-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Time: Aug 15 06:42:12 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 15 06:41:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	45351	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	210150	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	165661	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	376651	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	405905	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	362105	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	5197	5.34	ng/uL	0.00
5) Phenol-d5	7.51	99	40000	8.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	90204	28.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	92562	29.46	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	77528	18.62	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	61145	37.21	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	72346	40.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	135965	36.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.28	131	46257	11.15	ng/ul	-0.03
43) Dimethylphthalate-d6	14.35	166	498185	33.81	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	575306	34.63	ng/ul	0.00
51) 4-Nitrophenol-d4	15.18	143	20552	8.77	ng/ul	0.02
57) Fluorene-d10	15.95	176	432811	32.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.15	200	545	0.22	ng/ul	0.08
70) Anthracene-d10	17.72	188	376651	20.85	ng/ul	-0.10
76) Pyrene-d10	20.09	212	754742	36.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	683970	40.35	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.50	77	44769	15.55	ng/ul#	1
14) Acetophenone	9.30	105	18378	3.10	ng/ul	85
17) Hexachloroethane	9.46	117	50498	39.80	ng/ul#	1
20) Nitrobenzene	9.55	77	8746	1.84	ng/ul#	21
24) 2,4-Dimethylphenol	10.36	107	10787	2.39	ng/ul#	78
25) Bis(2-Chloroethoxy)methane	10.59	93	13625	2.77	ng/ul#	52
28) Naphthalene	11.23	128	123158	11.83	ng/ul	95
33) 4-Chloro-3-methylphenol	12.44	107	12250	2.83	ng/ul#	26
34) 2-Methylnaphthalene	12.81	142	44160	5.28	ng/ul	93
42) 2-Nitroaniline	14.10	65	4453	1.11	ng/ul#	44

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028324.D
Acq On : 14 Aug 2017 22:44
Operator : SJ/JU
Sample : I4630-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Time: Aug 15 06:42:12 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 15 06:41:43 2017
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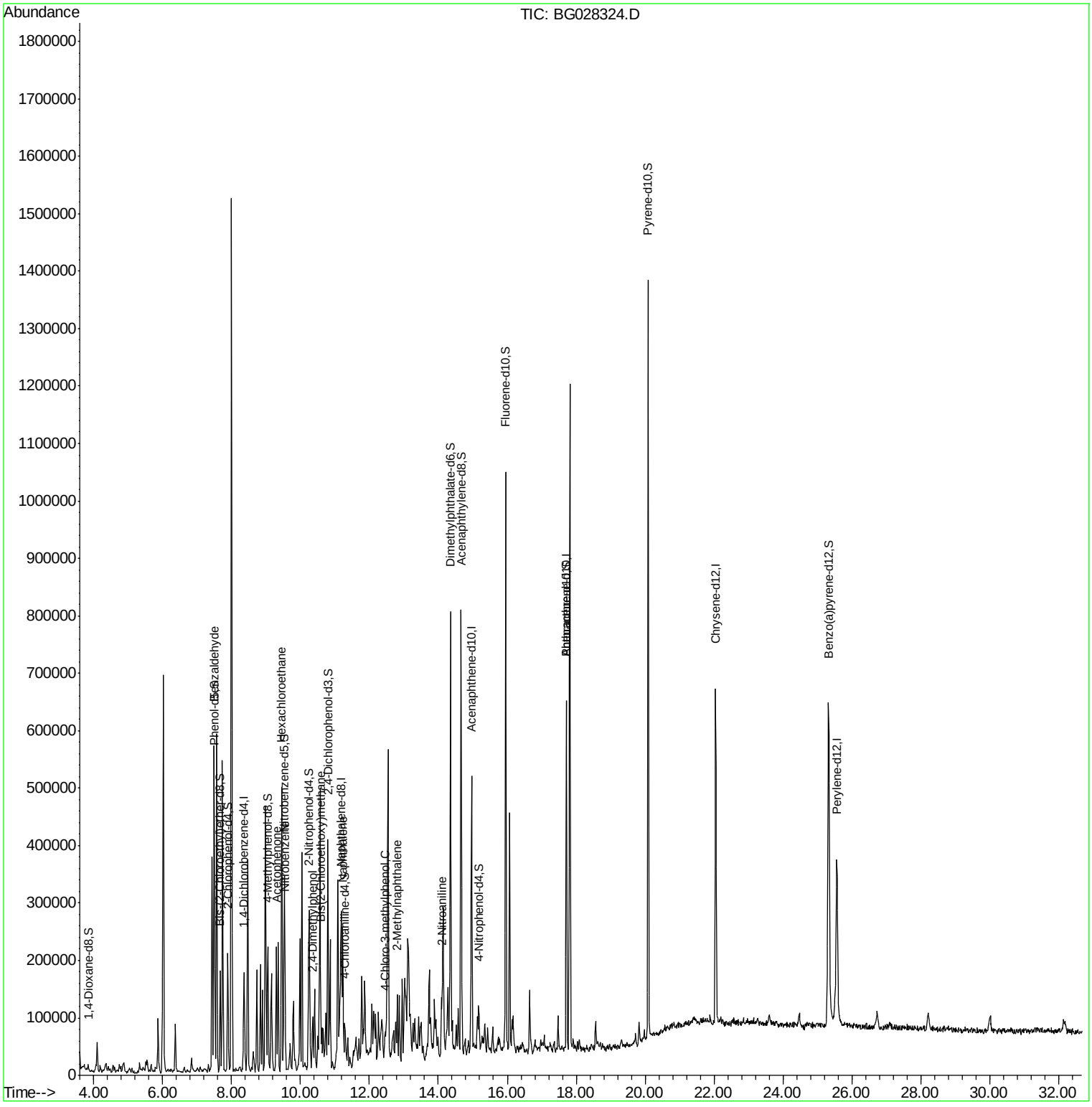
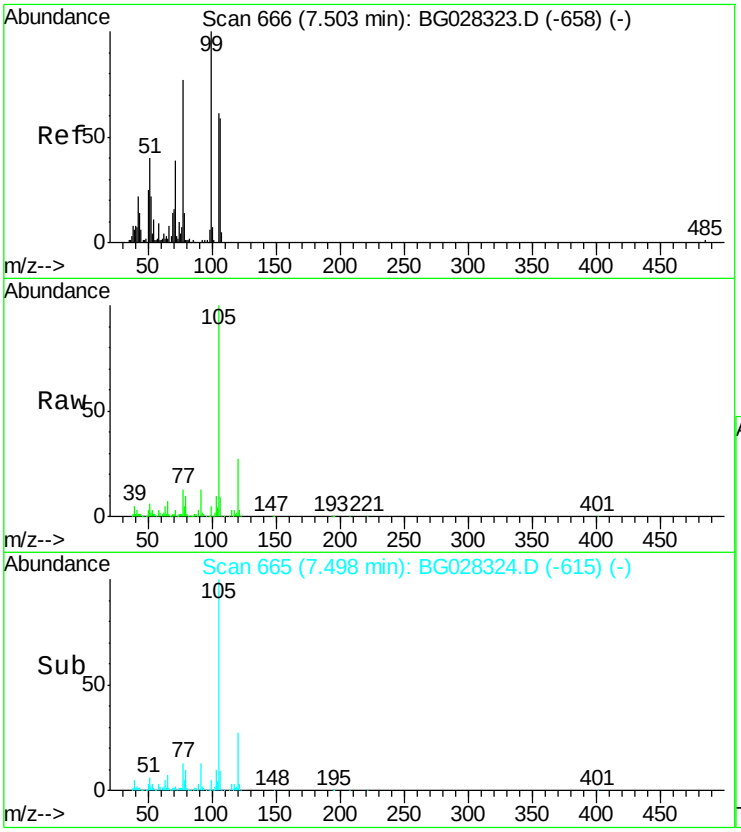


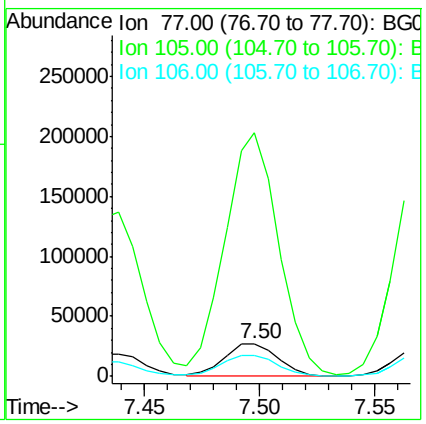


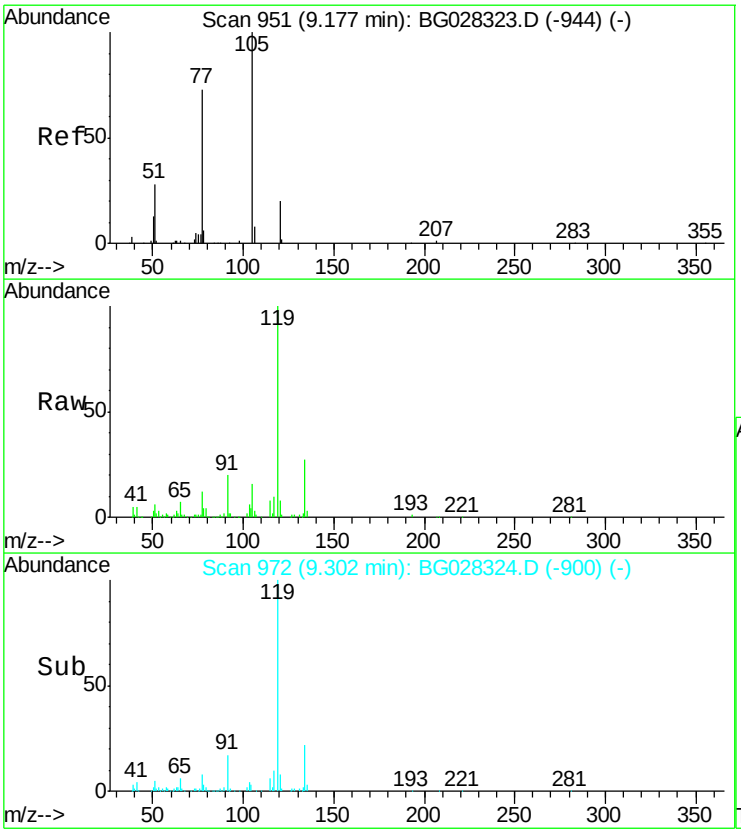
#4
Benzaldehyde
Concen: 15.55 ng/ul
RT: 7.50 min Scan# 665
Delta R.T. -0.00 min
Lab File: BG028324.D
Acq: 14 Aug 2017 22:44

Instrument :
BNA_G
ClientSampleId :
C0AA5

Tgt Ion: 77 Resp: 44769

Ion	Ratio	Lower	Upper
77	100		
105	751.7	62.0	93.0#
106	65.6	60.2	90.4

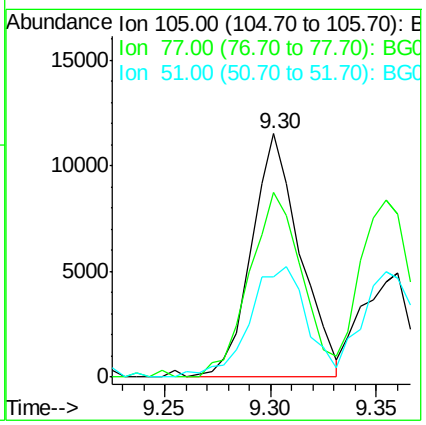


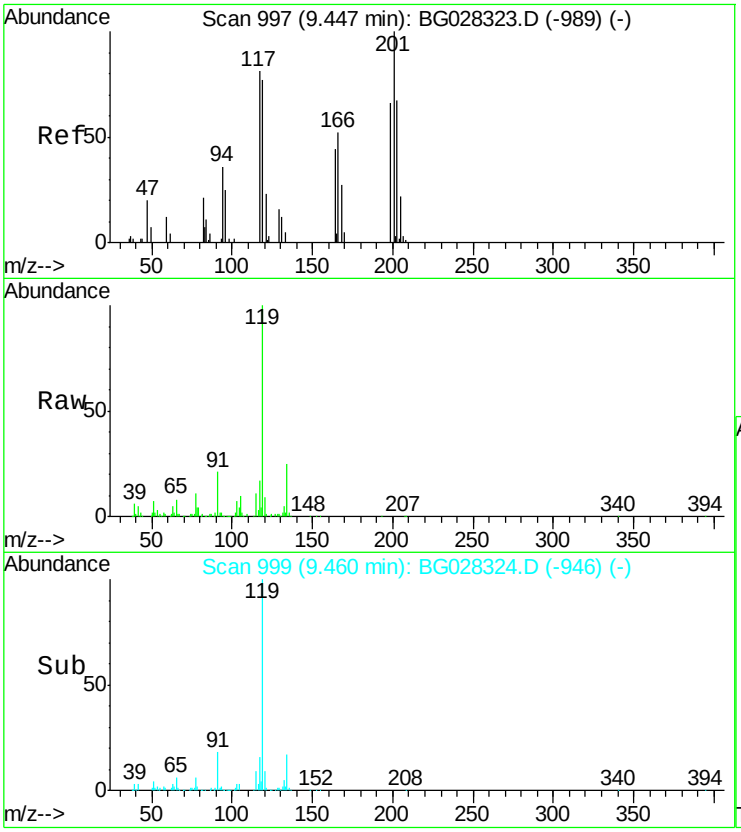


#14
Acetophenone
Concen: 3.10 ng/ul
RT: 9.30 min Scan# 972
Delta R.T. 0.12 min
Lab File: BG028324.D
Acq: 14 Aug 2017 22:44

Tgt Ion:105 Resp: 18378

Ion	Ratio	Lower	Upper
105	100		
77	76.1	76.0	114.0
51	41.0	34.8	52.2



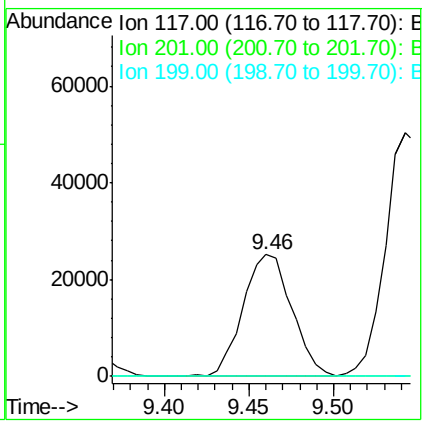


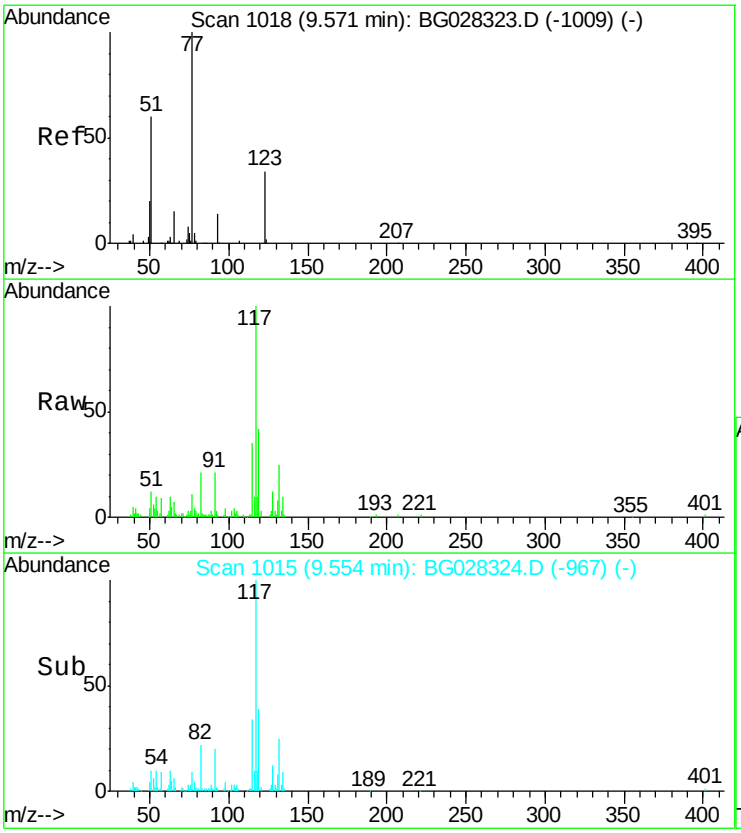
#17
Hexachloroethane
Concen: 39.80 ng/ul
RT: 9.46 min Scan# 999
Delta R.T. 0.01 min
Lab File: BG028324.D
Acq: 14 Aug 2017 22:44

Instrument :
BNA_G
ClientSampleId :
C0AA5

Tgt Ion:117 Resp: 50498

Ion	Ratio	Lower	Upper
117	100		
201	0.0	91.9	137.9#
199	0.0	64.3	96.5#

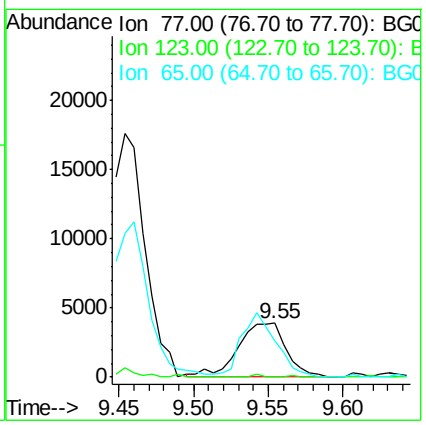


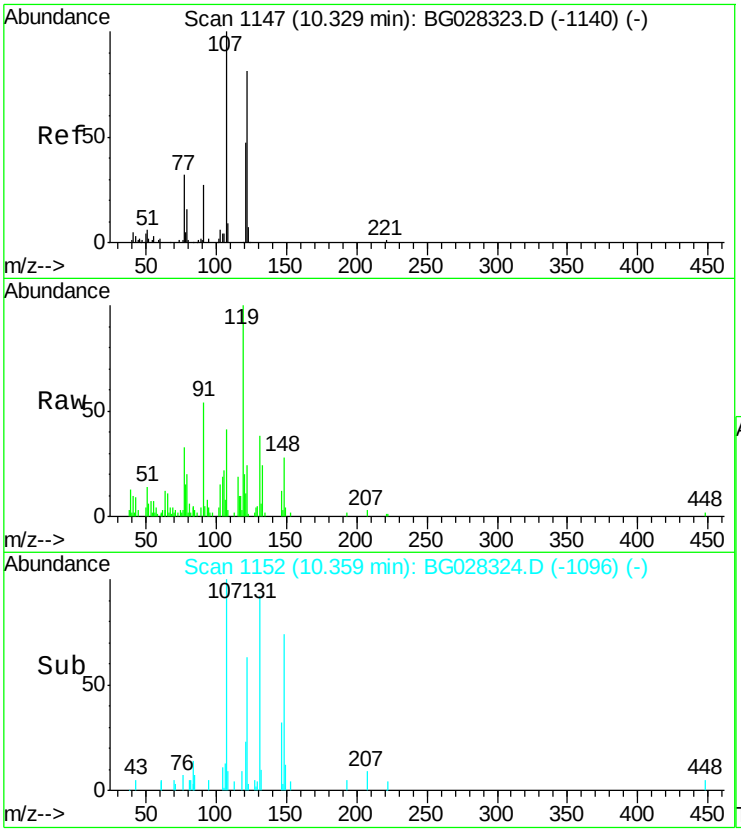


#20
Nitrobenzene
Concen: 1.84 ng/ul
RT: 9.55 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BG028324.D
Acq: 14 Aug 2017 22:44

Tgt Ion: 77 Resp: 8746

Ion	Ratio	Lower	Upper
77	100		
123	0.0	27.4	41.0#
65	68.0	13.3	19.9#



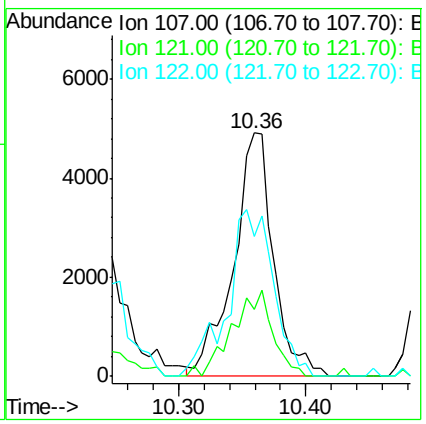


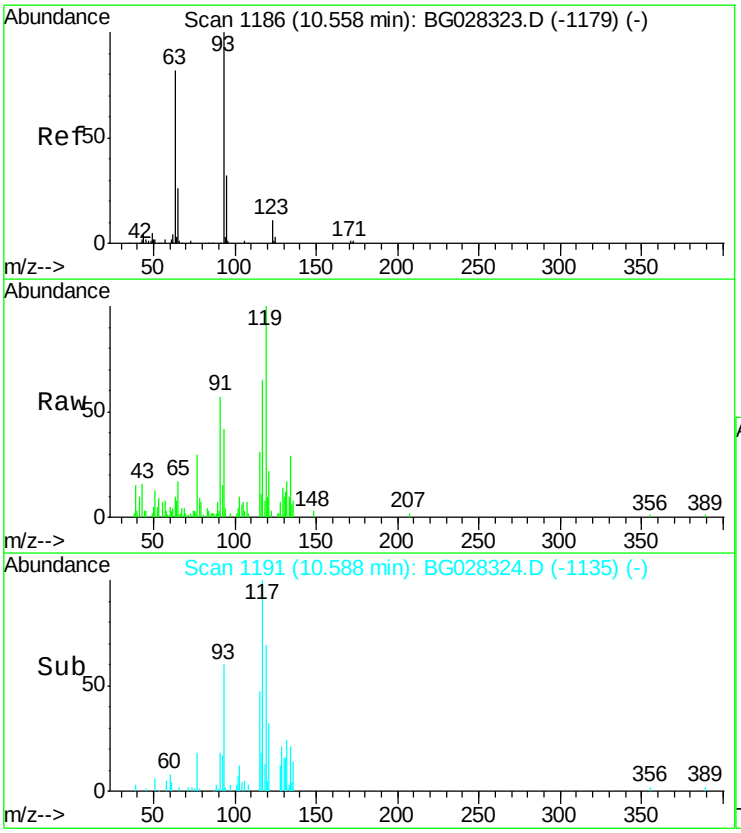
#24
2,4-Dimethylphenol
Concen: 2.39 ng/ul
RT: 10.36 min Scan# 1152
Delta R.T. 0.03 min
Lab File: BG028324.D
Acq: 14 Aug 2017 22:44

Instrument :
BNA_G
ClientSampleId :
C0AA5

Tgt Ion:107 Resp: 10787

Ion	Ratio	Lower	Upper
107	100		
121	27.6	32.3	48.5#
122	57.4	61.2	91.8#

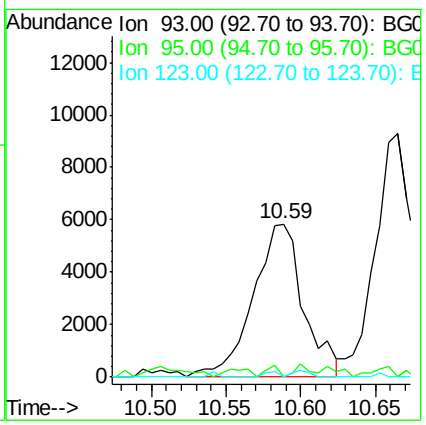


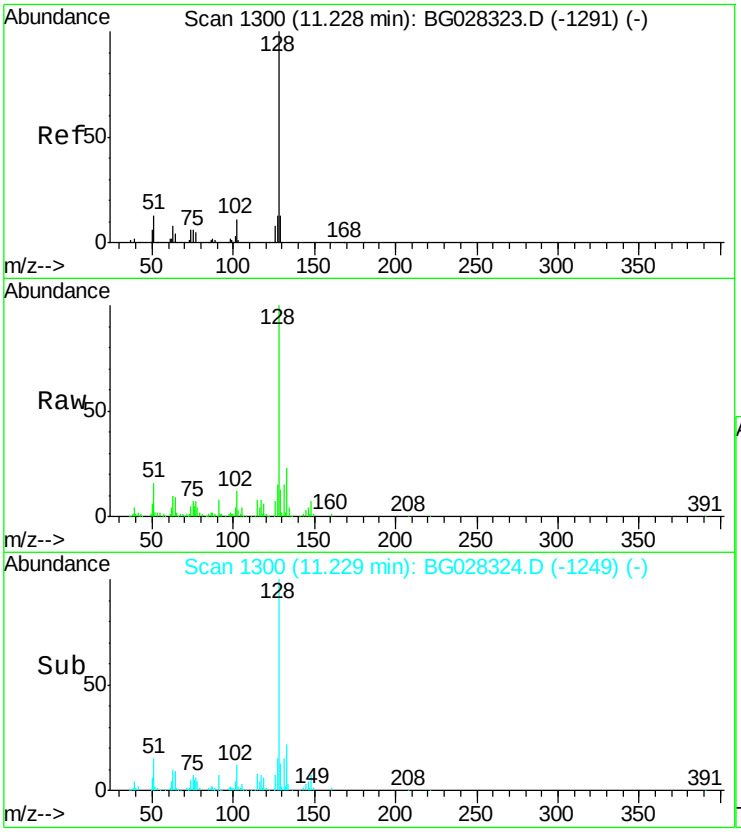


#25
Bis(2-Chloroethoxy)methane
Concen: 2.77 ng/ul
RT: 10.59 min Scan# 1191
Delta R.T. 0.03 min
Lab File: BG028324.D
Acq: 14 Aug 2017 22:44

Tgt Ion: 93 Resp: 13625

Ion	Ratio	Lower	Upper
93	100		
95	0.0	23.4	35.0#
123	0.0	7.8	11.6#



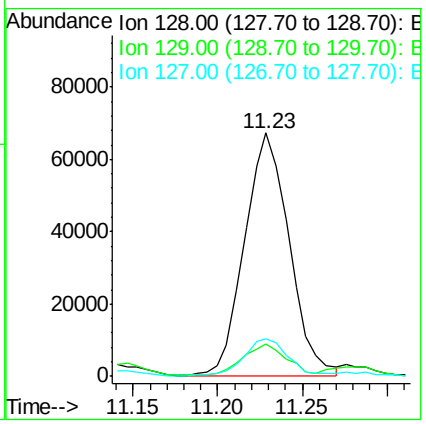


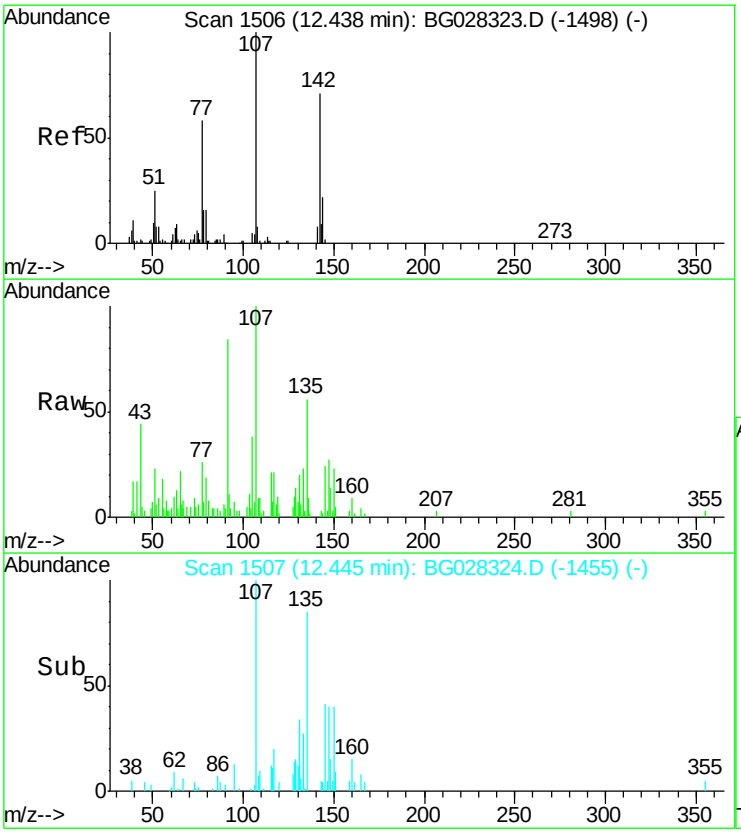
#28
Naphthalene
Concen: 11.83 ng/ul
RT: 11.23 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG028324.D
Acq: 14 Aug 2017 22:44

Instrument :
BNA_G
ClientSampleId :
C0AA5

Tgt Ion:128 Resp: 123158

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.4	14.2
127	15.2	10.3	15.5

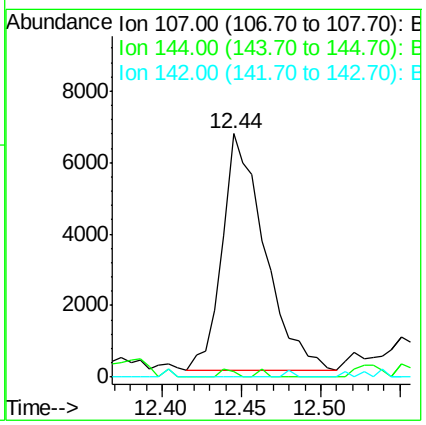


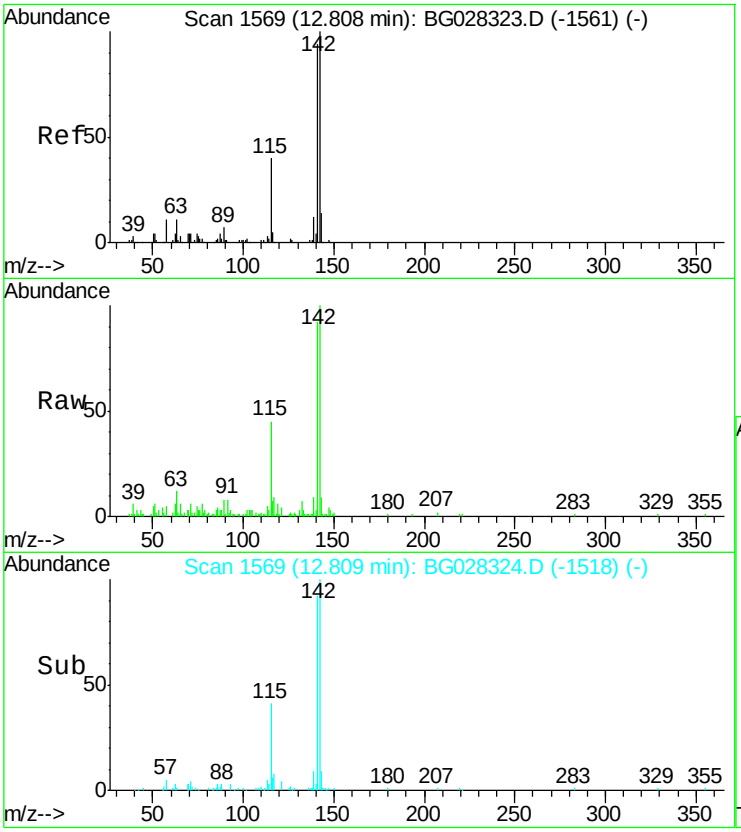


#33
4-Chloro-3-methylphenol
Concen: 2.83 ng/ul
RT: 12.44 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BG028324.D
Acq: 14 Aug 2017 22:44

Tgt Ion:107 Resp: 12250

Ion	Ratio	Lower	Upper
107	100		
144	2.2	18.2	27.4#
142	0.0	55.0	82.4#



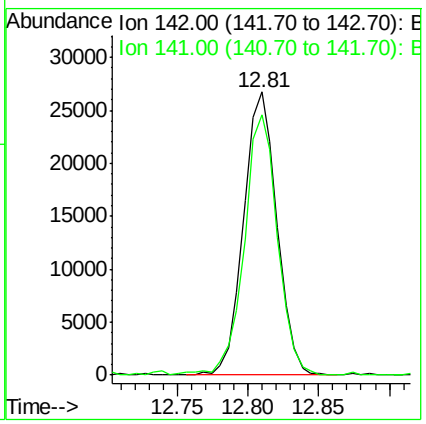


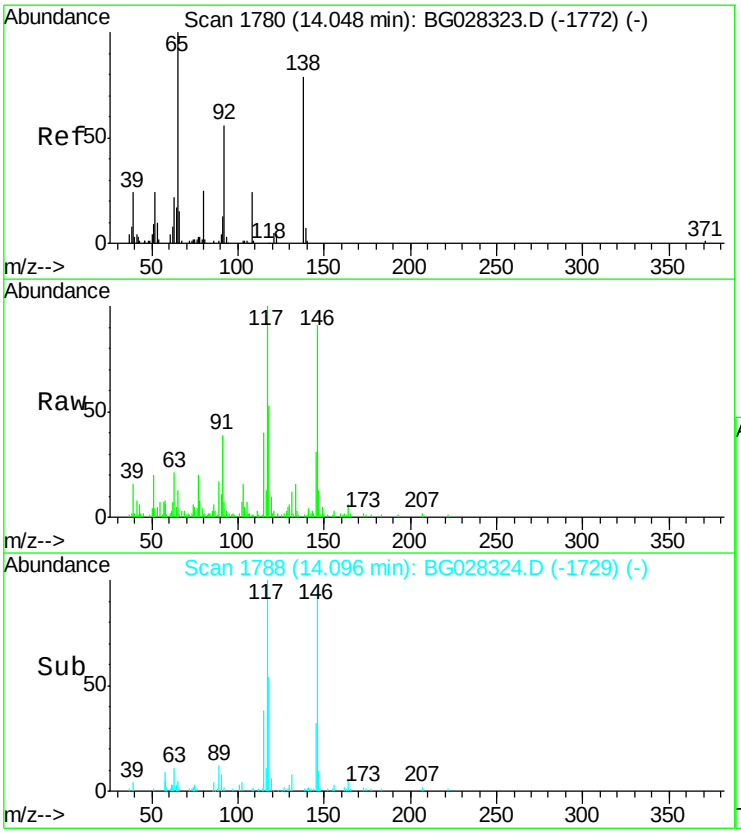
#34
2-Methylnaphthalene
Concen: 5.28 ng/ul
RT: 12.81 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BG028324.D
Acq: 14 Aug 2017 22:44

Instrument :
BNA_G
ClientSampleId :
C0AA5

Tgt Ion:142 Resp: 44160

Ion	Ratio	Lower	Upper
142	100		
141	92.2	68.6	102.8





#42
2-Nitroaniline
Concen: 1.11 ng/ul
RT: 14.10 min Scan# 1788
Delta R.T. 0.05 min
Lab File: BG028324.D
Acq: 14 Aug 2017 22:44

Tgt Ion: 65 Resp: 4453

Ion	Ratio	Lower	Upper
65	100		
92	52.1	50.9	76.3
138	0.0	61.8	92.6#