Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028289.D
Acq On : 11 Aug 2017 13:20
Operator : SJ/JU
Sample : I4451-02MS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H2TR9MS

Quant Time: Aug 11 13:54:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 04:08:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	35746	20.00	ng/ul	-0.01
18) Naphthalene-d8	11.17	136	161467	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	119301	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	333703	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	375419	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	364455	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	3887	5.06	ng/uL	-0.01
5) Phenol-d5	7.50	99	98952	25.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	66181	26.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	74106	29.92	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	85313	26.00	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	36526	28.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	44524	32.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	81104	28.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	105791	33.18	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	306619	28.90	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	345131	28.85	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	49248	29.19	ng/ul	0.00
57) Fluorene-d10	15.95	176	263452	27.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	56916	26.26	ng/ul	0.00
70) Anthracene-d10	17.81	188	474388	29.65	ng/ul	0.00
76) Pyrene-d10	20.08	212	558561	29.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	495632	29.05	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.53	94	128421	32.915	ng/ul	91
10) 2-Chlorophenol	7.92	128	80378	33.304	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.15	70	86540	32.539	ng/ul#	89
33) 4-Chloro-3-methylphenol	12.42	107	115926	34.832	ng/ul	96
44) Dimethylphthalate	14.39	163	65120	6.665	ng/ul	98
49) Acenaphthene	15.02	153	266845	34.592	ng/ul	95
52) 4-Nitrophenol	15.16	109	58624	33.536	ng/ul#	73
54) 2,4-Dinitrotoluene	15.31	165	111705	36.540	ng/ul#	85
68) Pentachlorophenol	17.36	266	74731	38.641	ng/ul	94
77) Pyrene	20.11	202	754467	33.685	ng/ul	98

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

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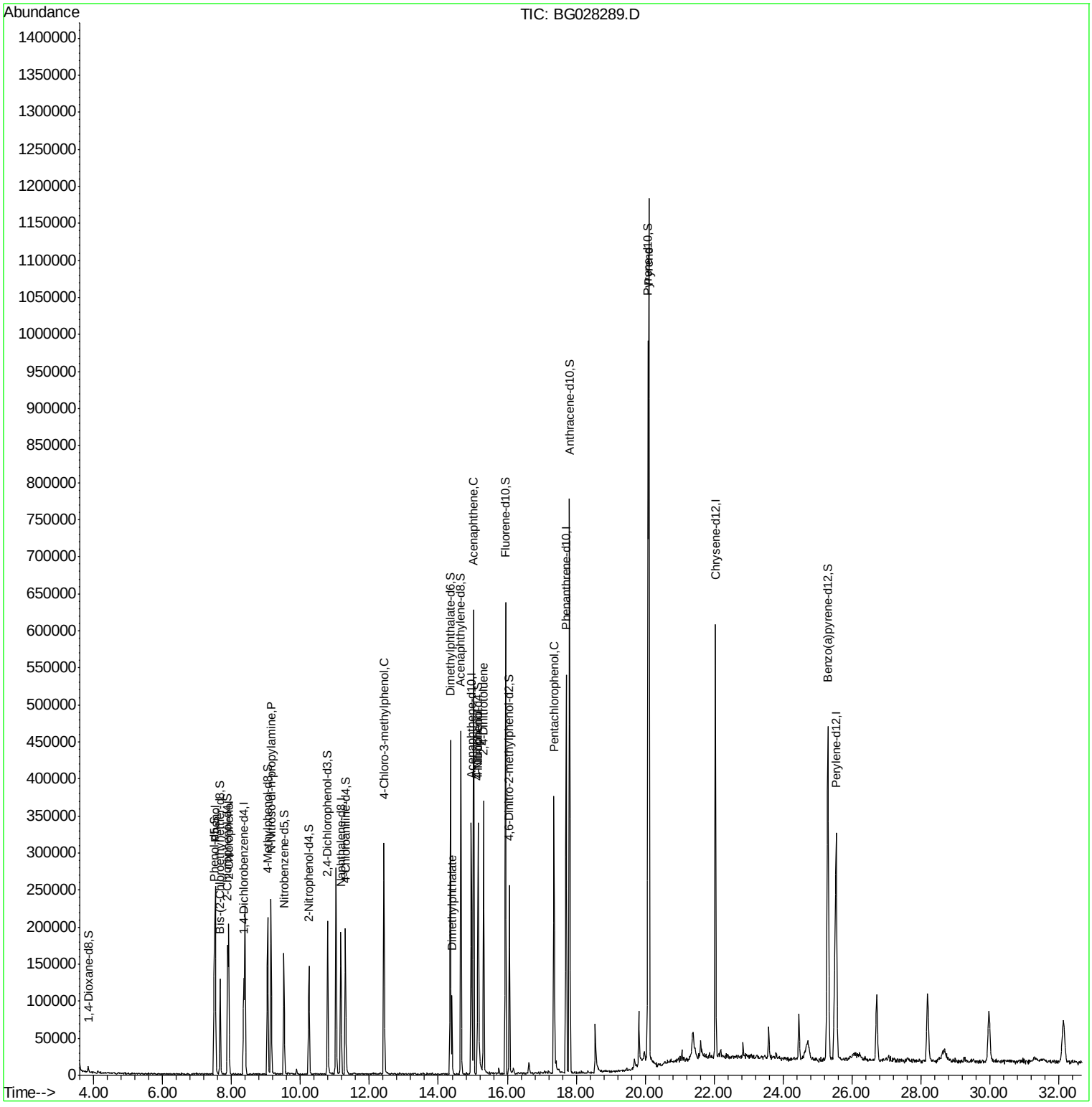
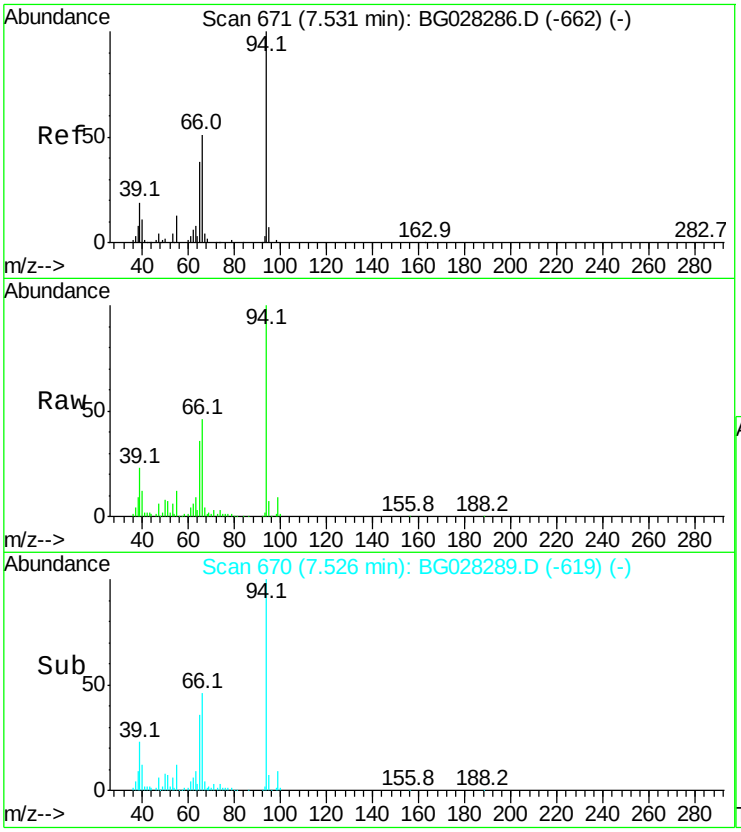


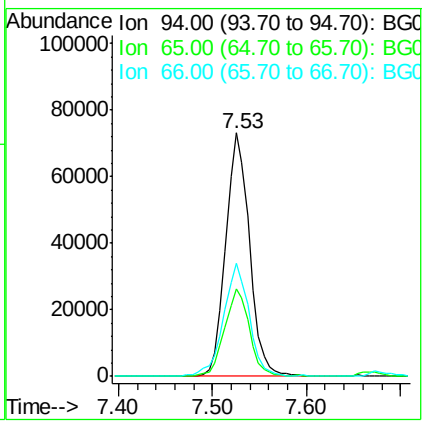


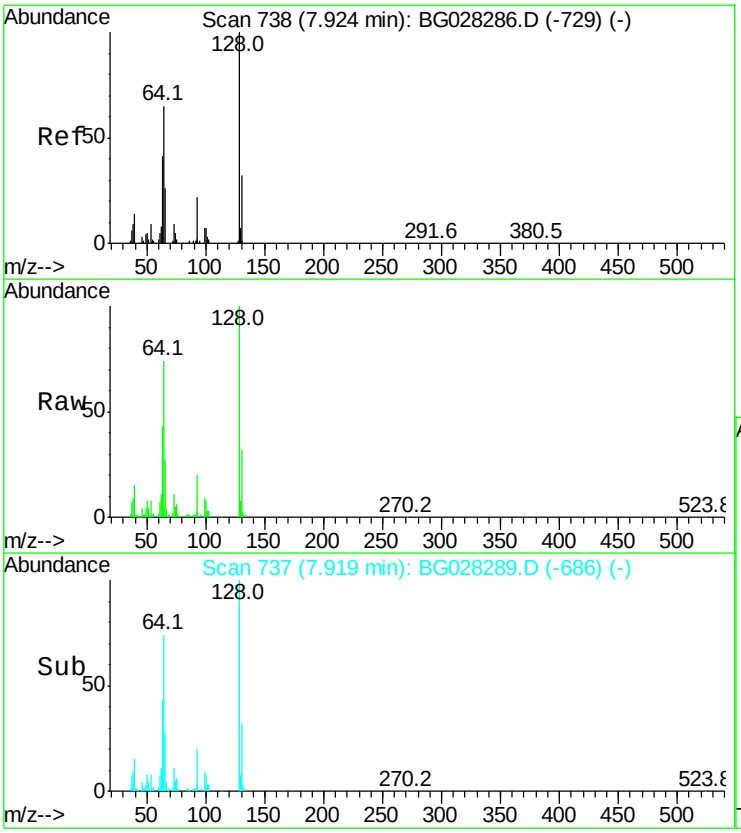
#6
Phenol
Concen: 32.915 ng/ul
RT: 7.53 min Scan# 670
Delta R.T. 0.00 min
Lab File: BG028289.D
Acq: 11 Aug 2017 13:20

Instrument :
BNA_G
ClientSampleId :
H2TR9MS

Tgt Ion: 94 Resp: 128421

Ion	Ratio	Lower	Upper
94	100		
65	36.0	26.8	40.2
66	46.4	44.4	66.6

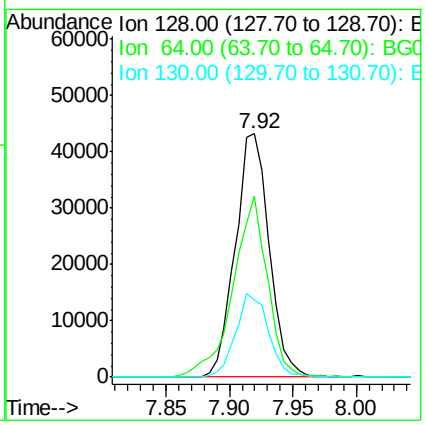


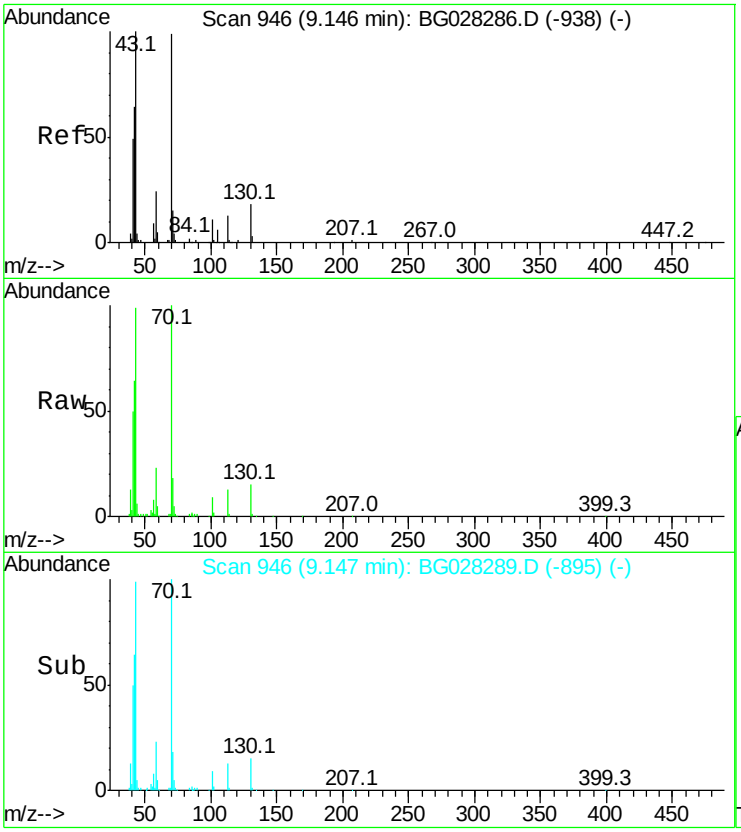


#10
2-Chlorophenol
Concen: 33.304 ng/ul
RT: 7.92 min Scan# 737
Delta R.T. 0.00 min
Lab File: BG028289.D
Acq: 11 Aug 2017 13:20

Tgt Ion:128 Resp: 80378

Ion	Ratio	Lower	Upper
128	100		
64	74.4	56.3	84.5
130	31.6	26.7	40.1



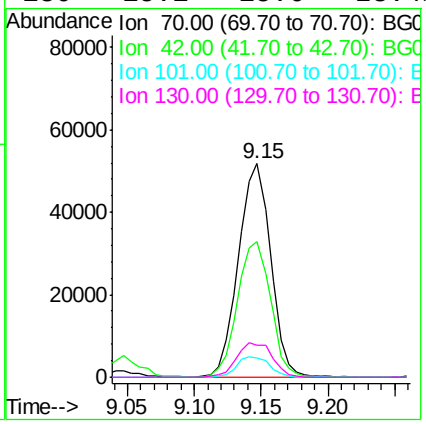


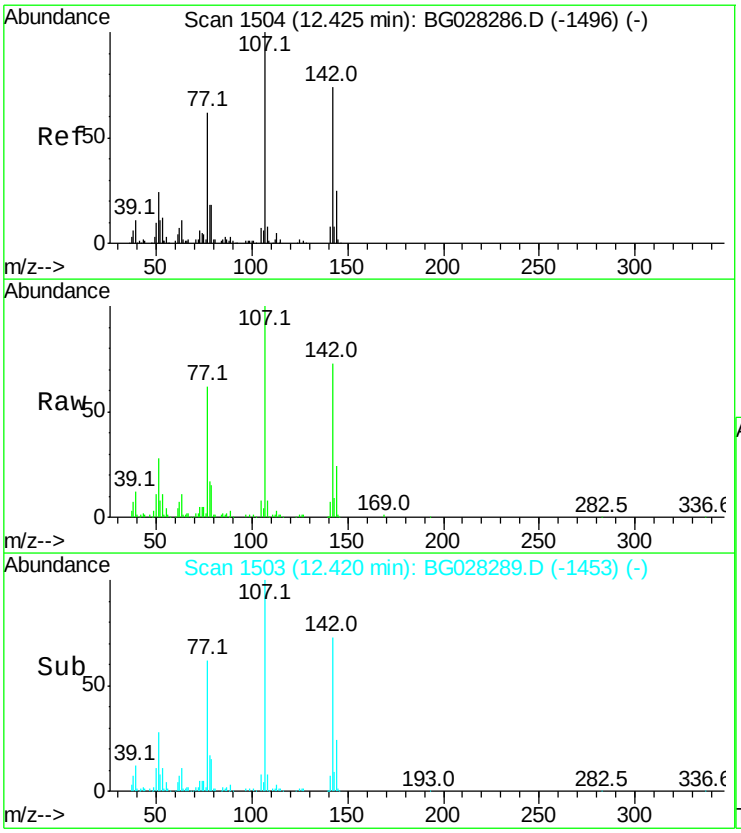
#15
N-Nitroso-di-n-propylamine
Concen: 32.539 ng/ul
RT: 9.15 min Scan# 946
Delta R.T. 0.00 min
Lab File: BG028289.D
Acq: 11 Aug 2017 13:20

Instrument :
BNA_G
ClientSampleId :
H2TR9MS

Tgt Ion: 70 Resp: 86540

Ion	Ratio	Lower	Upper
70	100		
42	63.6	59.0	88.6
101	8.8	6.6	9.8
130	15.1	15.6	23.4#

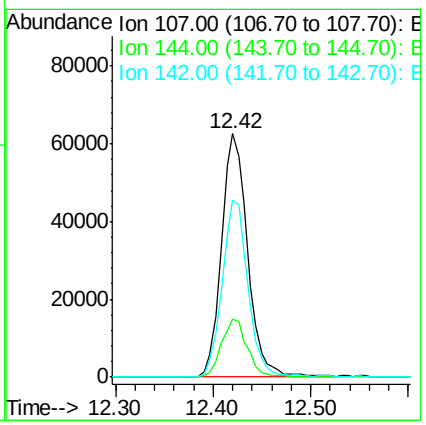


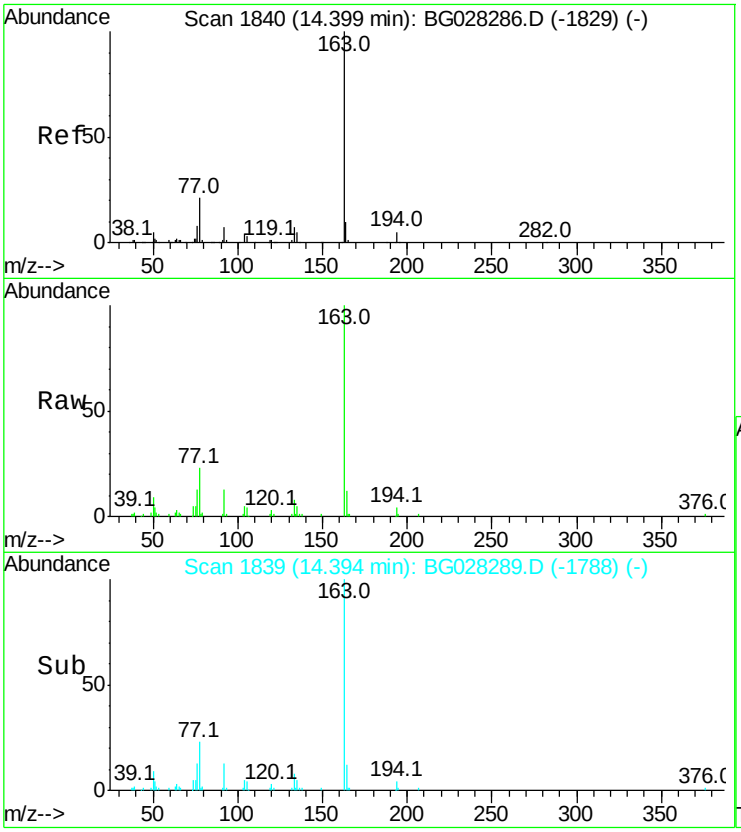


#33
4-Chloro-3-methylphenol
Concen: 34.832 ng/ul
RT: 12.42 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BG028289.D
Acq: 11 Aug 2017 13:20

Tgt Ion:107 Resp: 115926

Ion	Ratio	Lower	Upper
107	100		
144	23.9	18.2	27.4
142	72.9	55.0	82.4



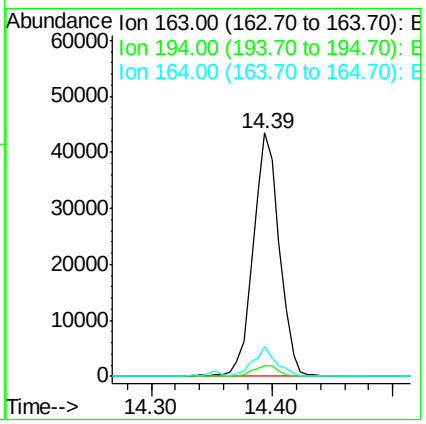


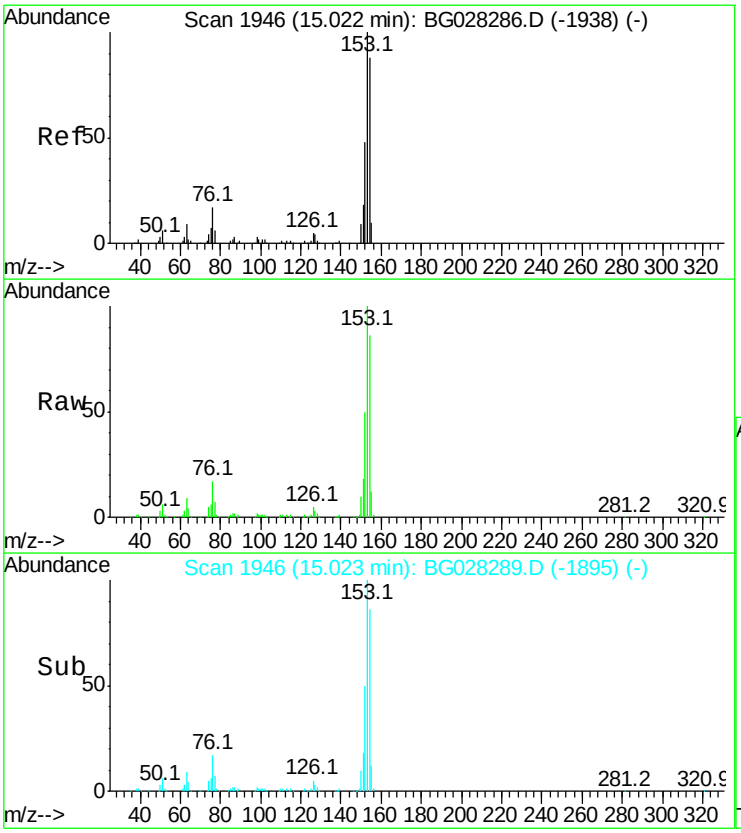
#44
Dimethylphthalate
Concen: 6.665 ng/ul
RT: 14.39 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BG028289.D
Acq: 11 Aug 2017 13:20

Instrument :
BNA_G
ClientSampleId :
H2TR9MS

Tgt Ion:163 Resp: 65120

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	12.4	9.0	13.4

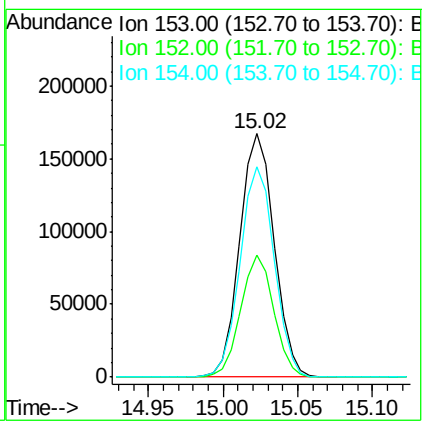


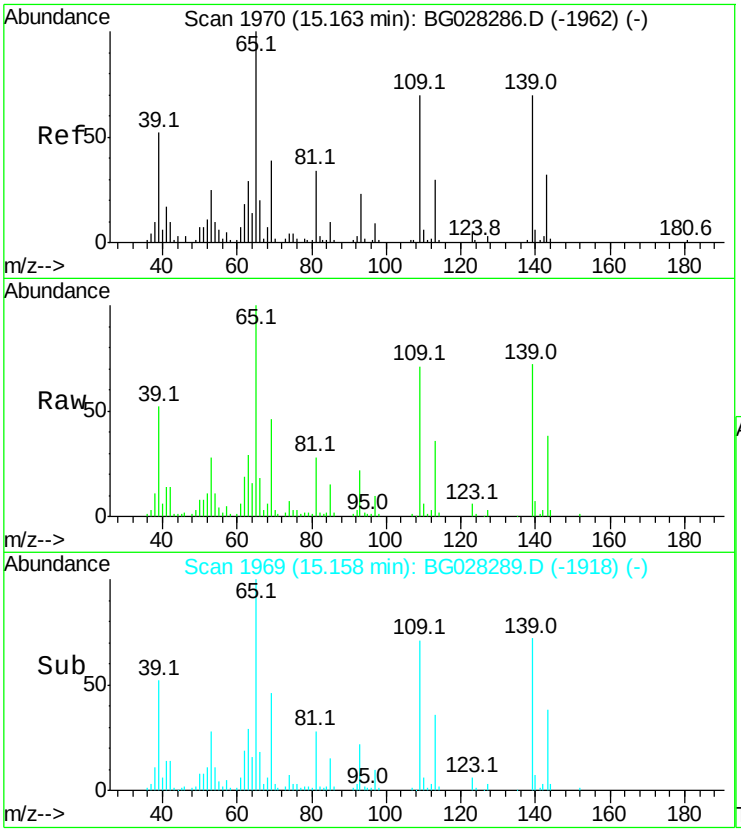


#49
Acenaphthene
Concen: 34.592 ng/ul
RT: 15.02 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG028289.D
Acq: 11 Aug 2017 13:20

Tgt Ion:153 Resp: 266845

Ion	Ratio	Lower	Upper
153	100		
152	50.2	36.5	54.7
154	86.4	72.3	108.5



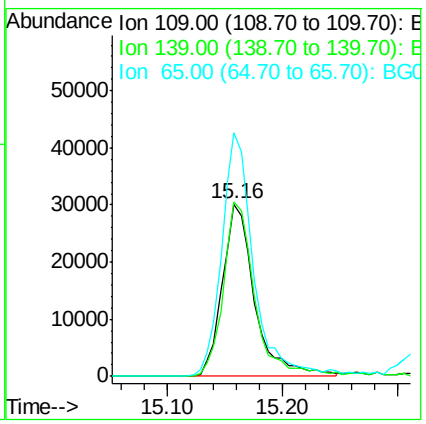


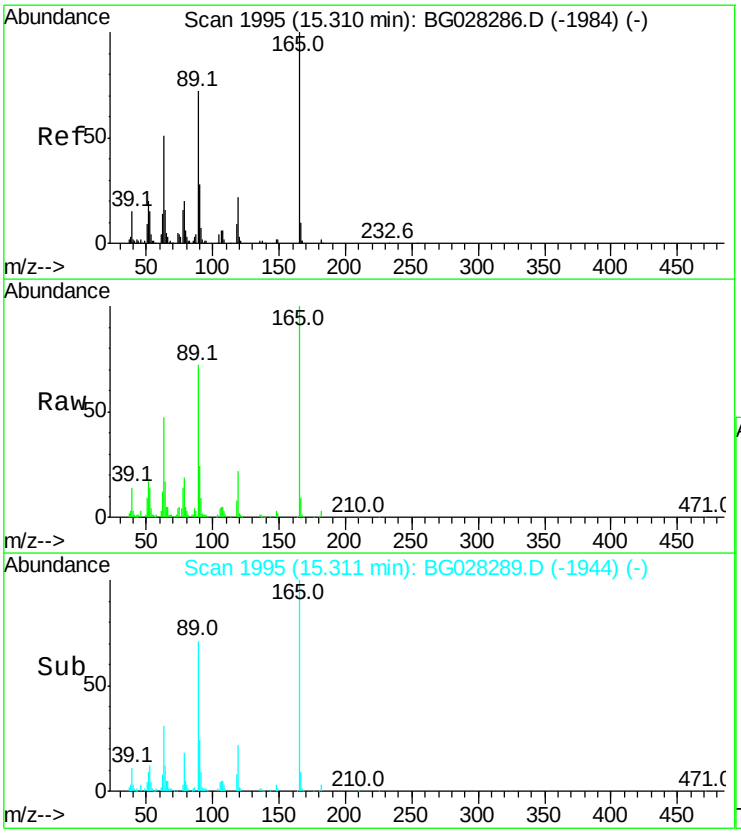
#52
4-Nitrophenol
Concen: 33.536 ng/ul
RT: 15.16 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG028289.D
Acq: 11 Aug 2017 13:20

Instrument :
BNA_G
ClientSampleId :
H2TR9MS

Tgt Ion:109 Resp: 58624

Ion	Ratio	Lower	Upper
109	100		
139	101.6	62.6	93.8#
65	141.4	90.4	135.6#

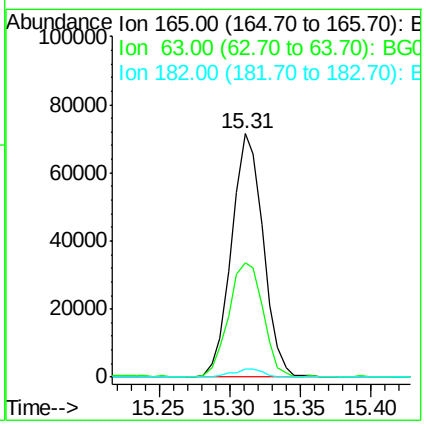


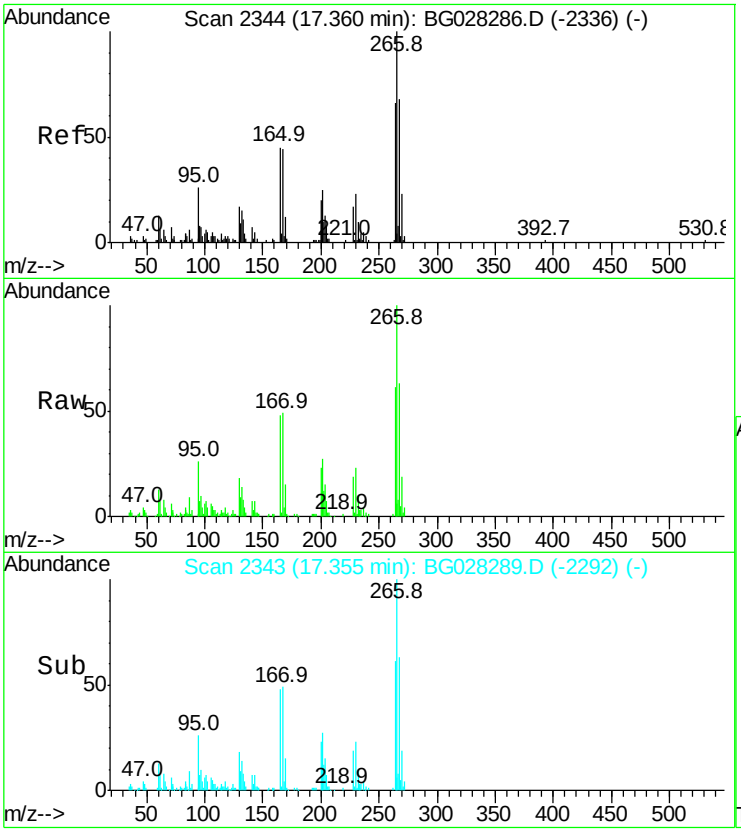


#54
2,4-Dinitrotoluene
Concen: 36.540 ng/ul
RT: 15.31 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BG028289.D
Acq: 11 Aug 2017 13:20

Tgt Ion:165 Resp: 111705

Ion	Ratio	Lower	Upper
165	100		
63	46.9	46.8	70.2
182	3.1	1.8	2.6#



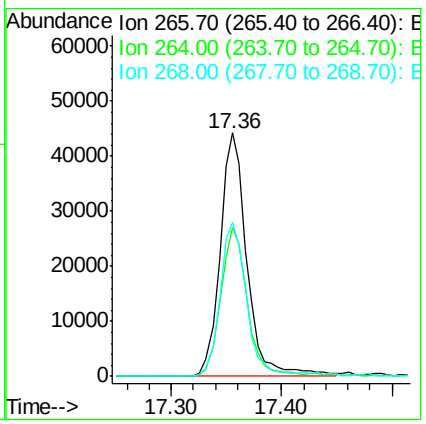


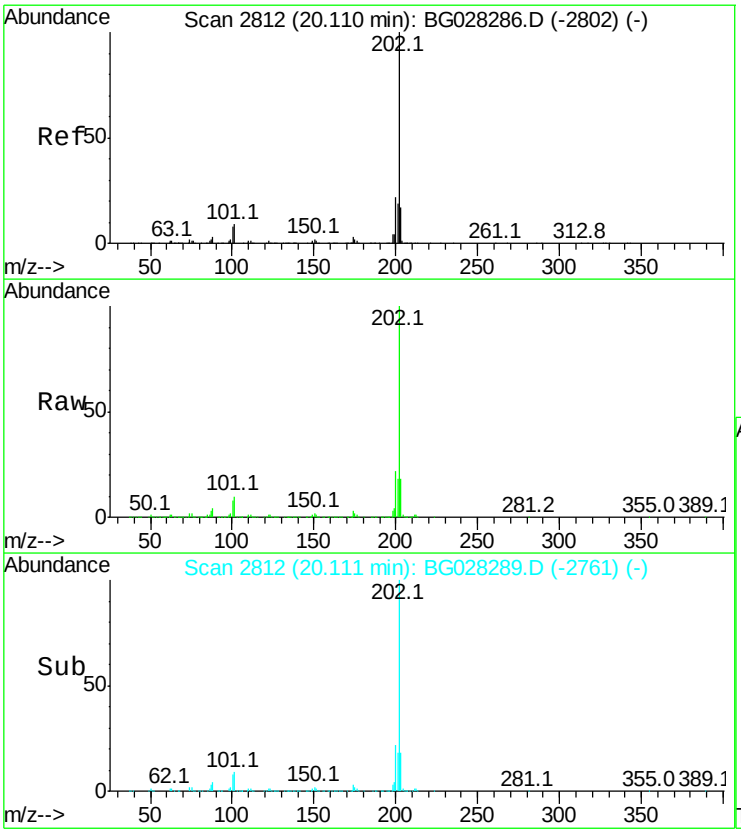
#68
Pentachlorophenol
Concen: 38.641 ng/ul
RT: 17.36 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BG028289.D
Acq: 11 Aug 2017 13:20

Instrument :
BNA_G
ClientSampleId :
H2TR9MS

Tgt Ion:266 Resp: 74731

Ion	Ratio	Lower	Upper
266	100		
264	61.1	47.1	70.7
268	63.3	56.2	84.4





#77
Pyrene
Concen: 33.685 ng/ul
RT: 20.11 min Scan# 2812
Delta R.T. 0.00 min
Lab File: BG028289.D
Acq: 11 Aug 2017 13:20

Tgt Ion:202 Resp: 754467

Ion	Ratio	Lower	Upper
202	100		
101	9.6	6.9	10.3
100	7.7	6.6	10.0