Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 26 01:57:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 26 01:54:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	34632	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	150396	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	104576	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	542539	20.00	ng/ul	0.10
75) Chrysene-d12	22.03	240	282715	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	279701	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	4986	6.70	ng/uL	0.00
5) Phenol-d5	7.49	99	142205	37.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	89410	37.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	100962	42.08	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	116850	36.76	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	53609	45.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	64743	50.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	118471	44.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	149567	50.37	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	386999	41.61	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	460595	43.92	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	57667	38.99	ng/ul	0.00
57) Fluorene-d10	15.94	176	333691	39.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	1598	0.45	ng/ul	0.08
70) Anthracene-d10	17.80	188	542539	20.85	ng/ul	0.00
76) Pyrene-d10	20.07	212	632760	43.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	617029	47.12	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.52	94	9109	2.410	ng/ul#	74
17) Hexachloroethane	9.44	117	11354	11.718	ng/ul#	1
20) Nitrobenzene	9.52	77	5098	1.497	ng/ul#	31
21) Isophorone	10.07	82	24888	3.848	ng/ul#	1
23) 2-Nitrophenol	10.01	139	1734	1.332	ng/ul	89
28) Naphthalene	11.21	128	36017	4.835	ng/ul#	72
32) Caprolactam	12.04	113	2263	2.241	ng/ul#	1
34) 2-Methylnaphthalene	12.79	142	57312	9.579	ng/ul	87
42) 2-Nitroaniline	14.05	65	3124	1.234	ng/ul#	1
44) Dimethylphthalate	14.39	163	138628	16.187	ng/ul#	96
45) 2,6-Dinitrotoluene	14.55	165	2875	1.626	ng/ul#	64
53) Dibenzofuran	15.34	168	14414	1.462	ng/ul#	50
54) 2,4-Dinitrotoluene	15.34	165	5590	2.086	ng/ul#	77
58) Fluorene	16.00	166	20194	2.314	ng/ul#	83
64) N-Nitrosodiphenylamine	16.30	169	19447	1.362	ng/ul#	40

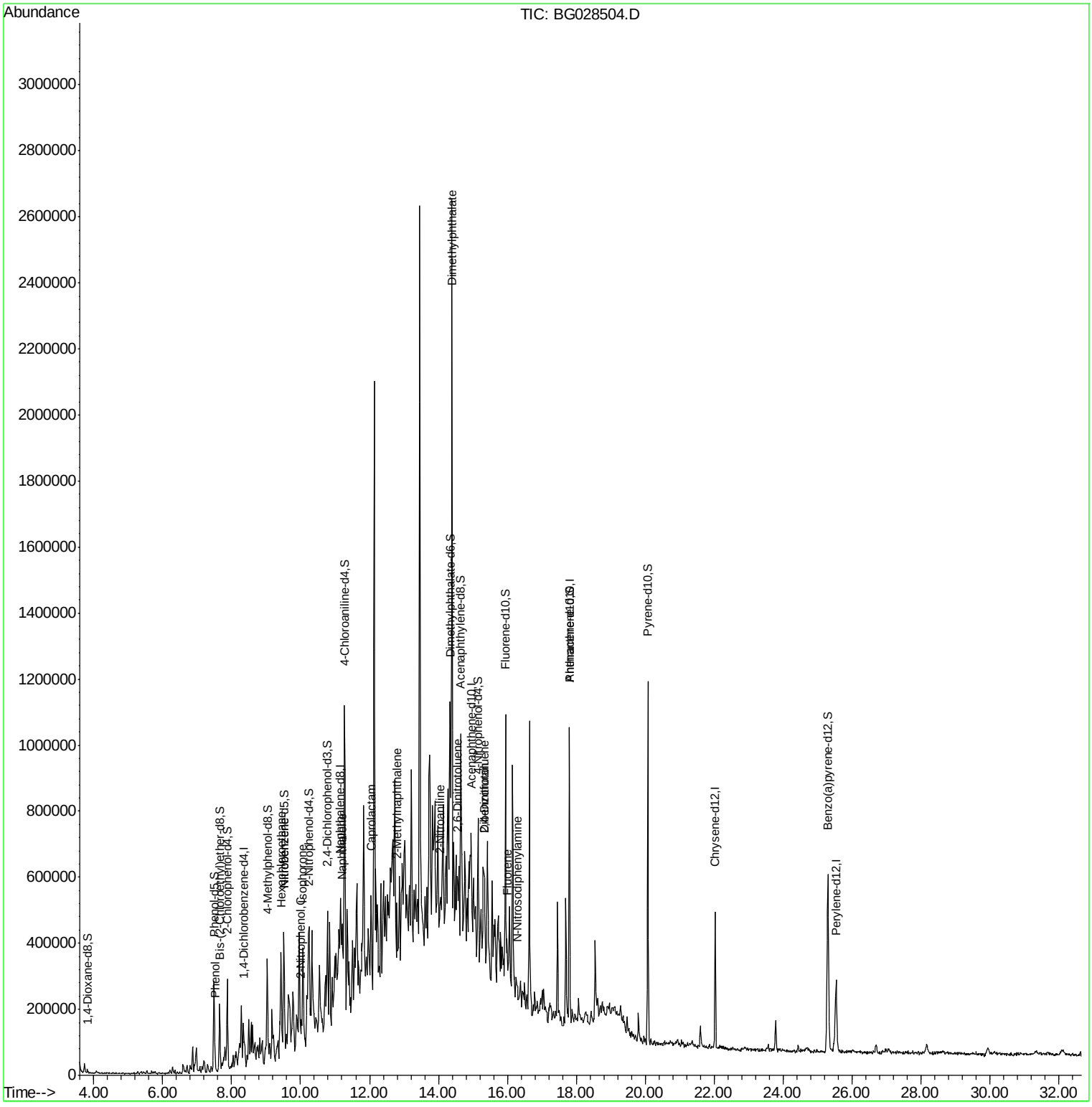
(#) = qualifier out of range (m) = manual integration (+) = signals summed

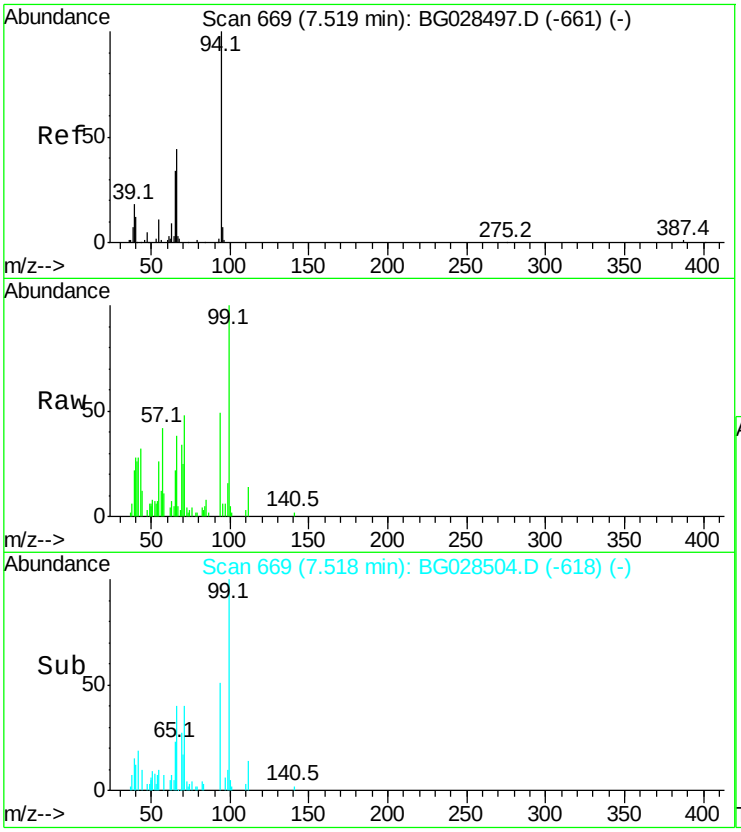
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082517\
Data File : BG028504.D
Acq On : 25 Aug 2017 23:40
Operator : SJ/JU
Sample : I4885-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 26 01:57:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 26 01:54:26 2017
Response via : Initial Calibration



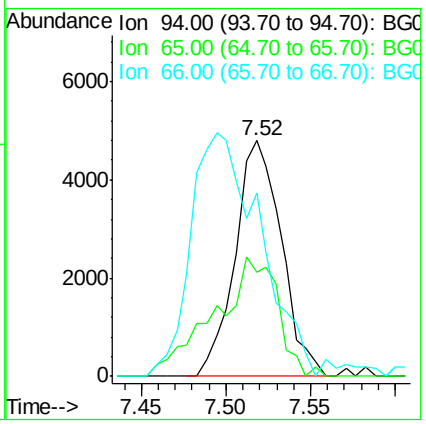


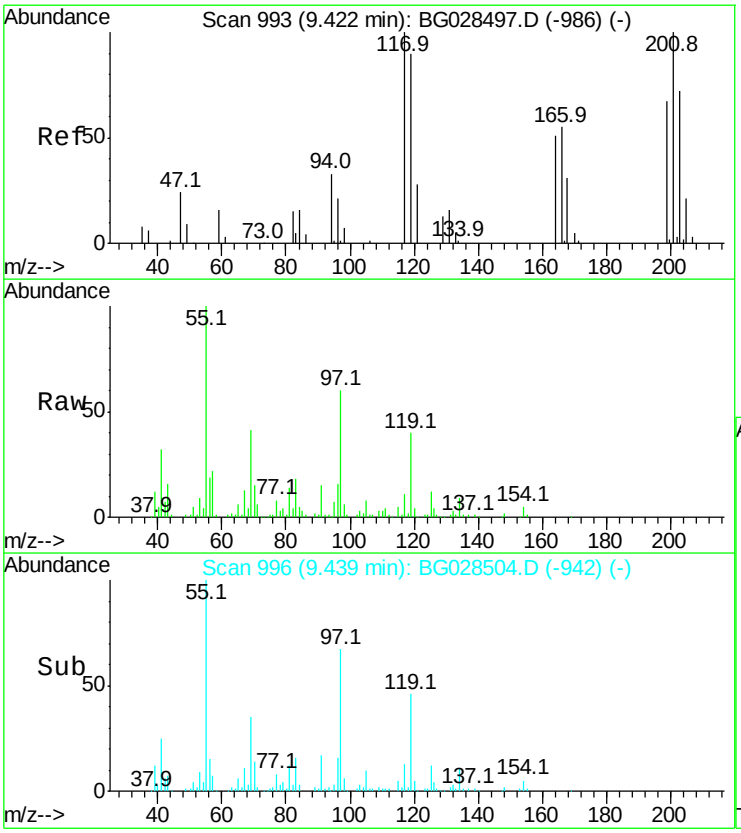
#6
Phenol
Concen: 2.410 ng/ul
RT: 7.52 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG028504.D
Acq: 25 Aug 2017 23:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 9109

Ion	Ratio	Lower	Upper
94	100		
65	44.2	26.8	40.2#
66	77.9	44.4	66.6#

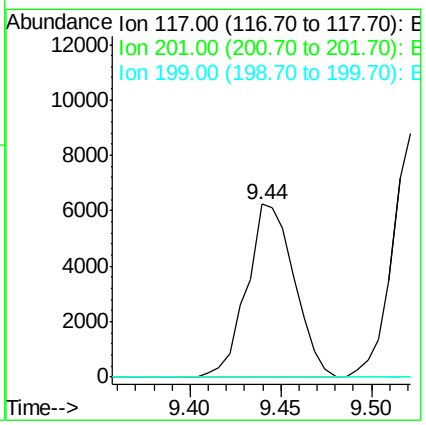


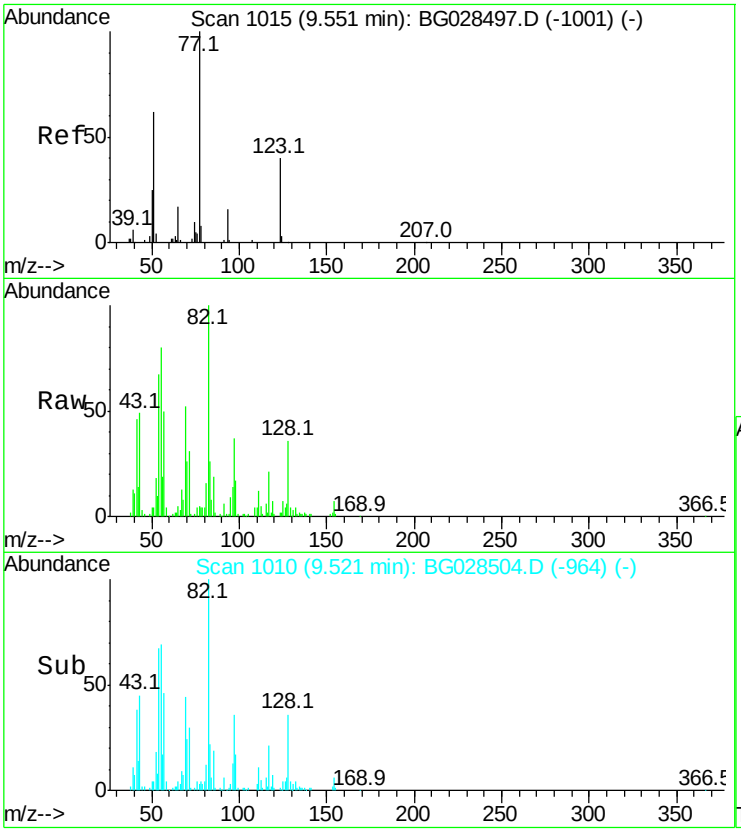


#17
Hexachloroethane
Concen: 11.718 ng/ul
RT: 9.44 min Scan# 996
Delta R.T. 0.02 min
Lab File: BG028504.D
Acq: 25 Aug 2017 23:40

Tgt Ion:117 Resp: 11354

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



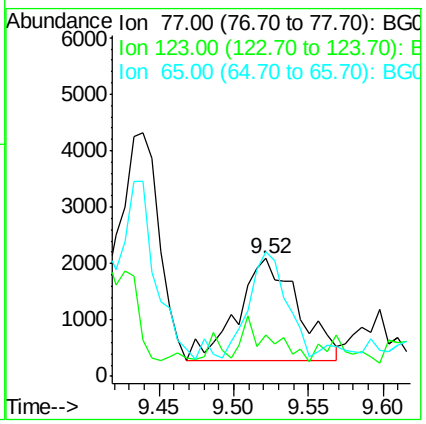


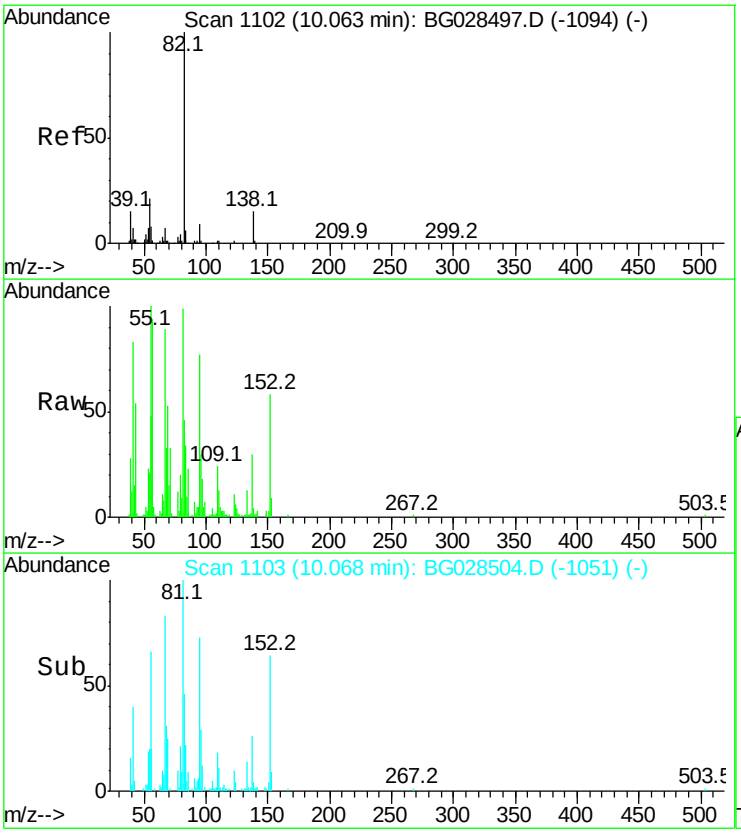
#20
Nitrobenzene
Concen: 1.497 ng/ul
RT: 9.52 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BG028504.D
Acq: 25 Aug 2017 23:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 5098

Ion	Ratio	Lower	Upper
77	100		
123	35.4	27.4	41.0
65	105.5	13.3	19.9#

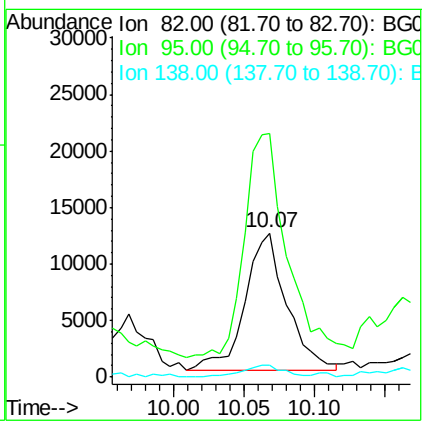


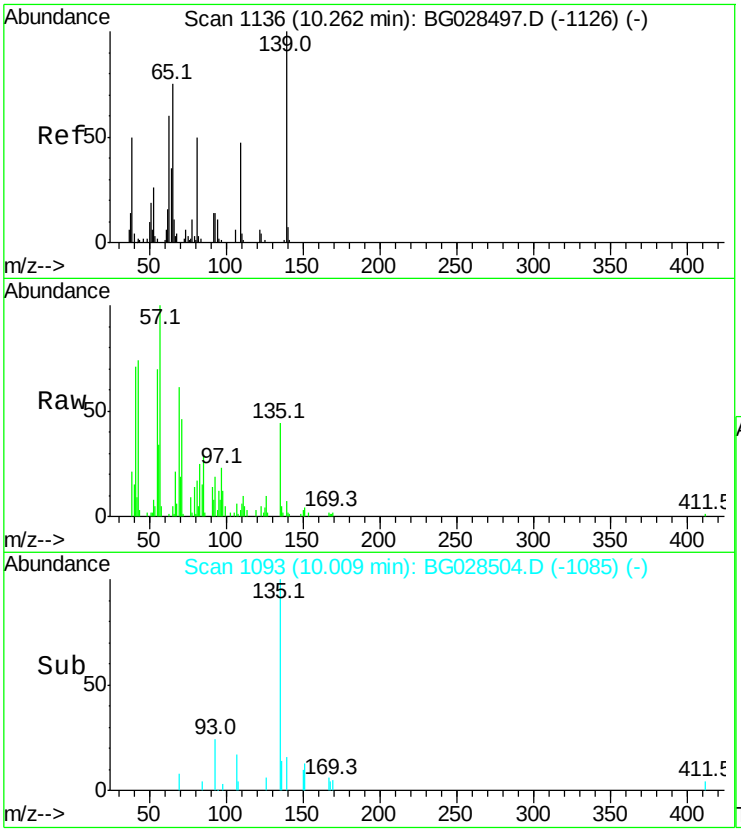


#21
Isophorone
Concen: 3.848 ng/ul
RT: 10.07 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BG028504.D
Acq: 25 Aug 2017 23:40

Tgt Ion: 82 Resp: 24888

Ion	Ratio	Lower	Upper
82	100		
95	169.3	7.8	11.6#
138	8.2	12.2	18.2#



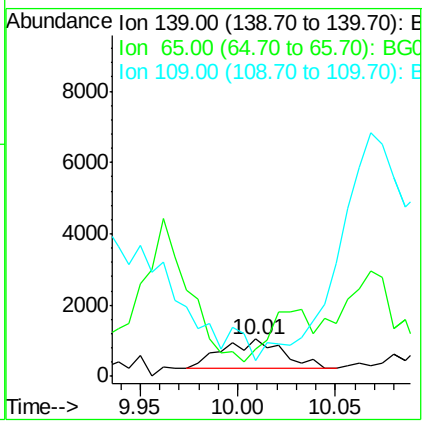


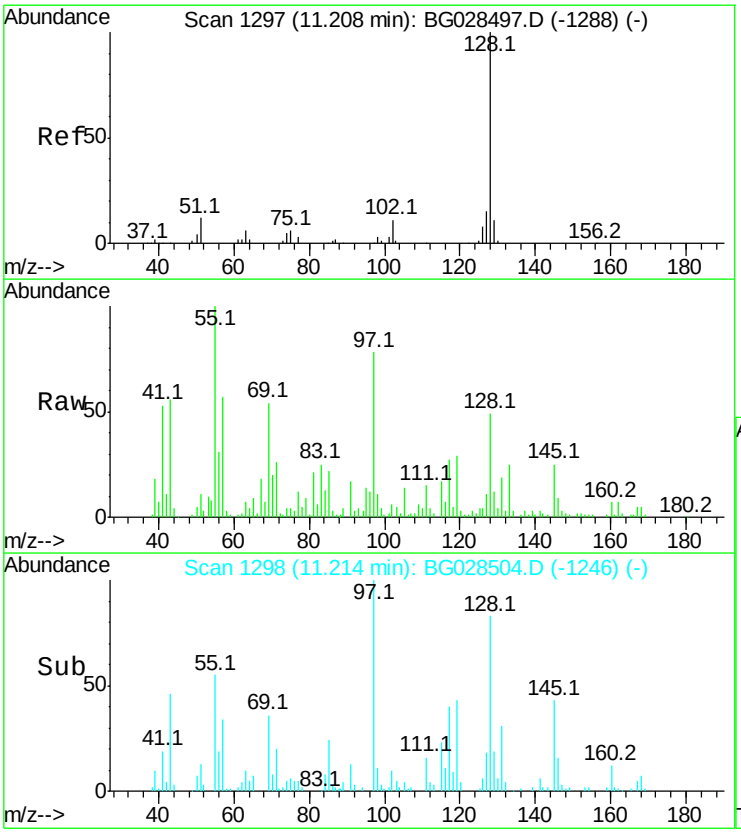
#23
2-Nitrophenol
Concen: 1.332 ng/ul
RT: 10.01 min Scan# 1093
Delta R.T. -0.25 min
Lab File: BG028504.D
Acq: 25 Aug 2017 23:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 1734

Ion	Ratio	Lower	Upper
139	100		
65	72.9	67.0	100.6
109	42.8	39.6	59.4

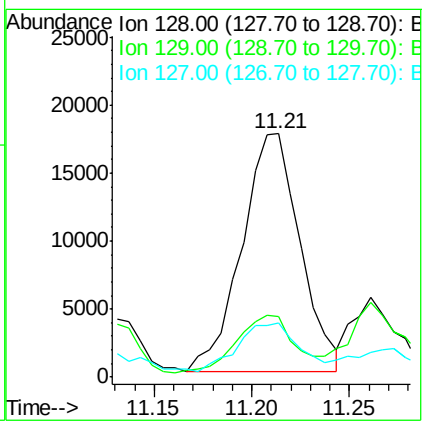


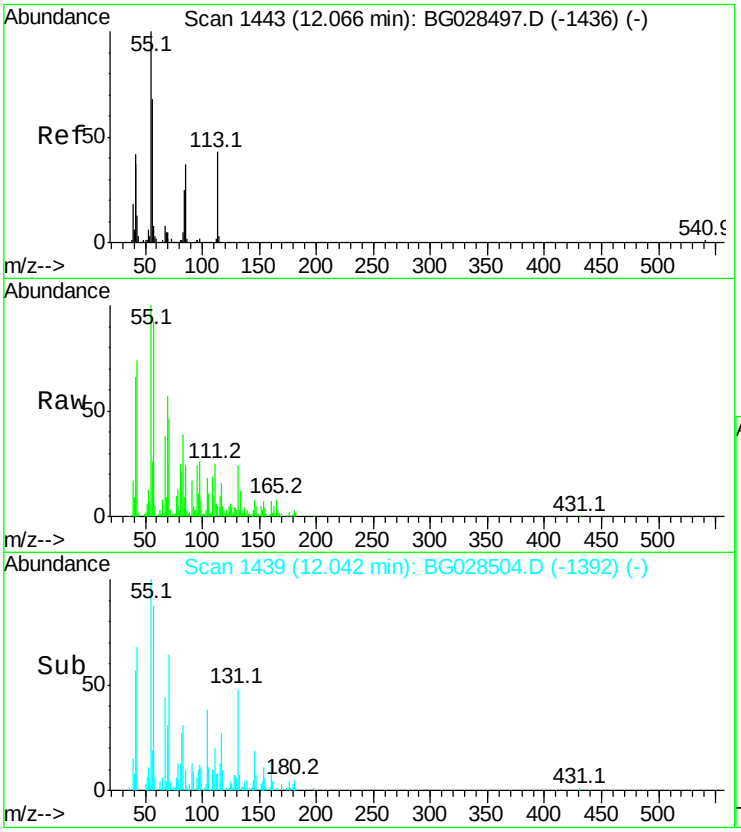


#28
Naphthalene
Concen: 4.835 ng/ul
RT: 11.21 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BG028504.D
Acq: 25 Aug 2017 23:40

Tgt Ion:128 Resp: 36017

Ion	Ratio	Lower	Upper
128	100		
129	24.6	9.4	14.2#
127	22.5	10.3	15.5#



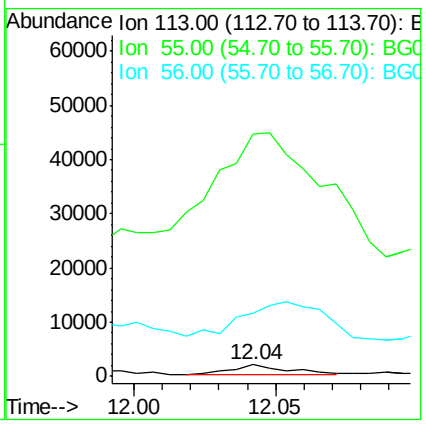


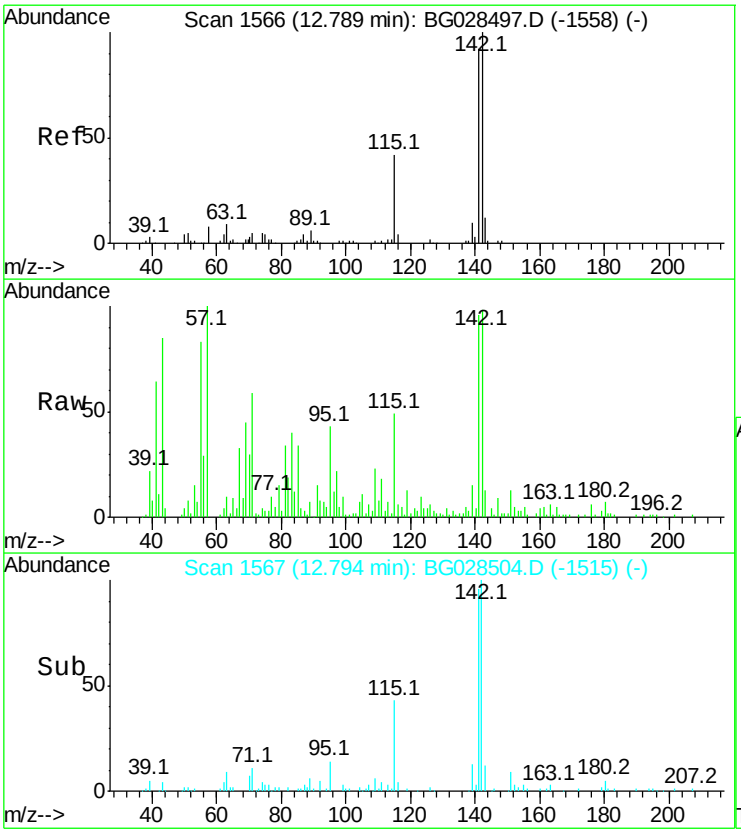
#32
Caprolactam
Concen: 2.241 ng/ul
RT: 12.04 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BG028504.D
Acq: 25 Aug 2017 23:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:113 Resp: 2263

Ion	Ratio	Lower	Upper
113	100		
55	2127.6	168.6	252.8#
56	559.0	128.5	192.7#

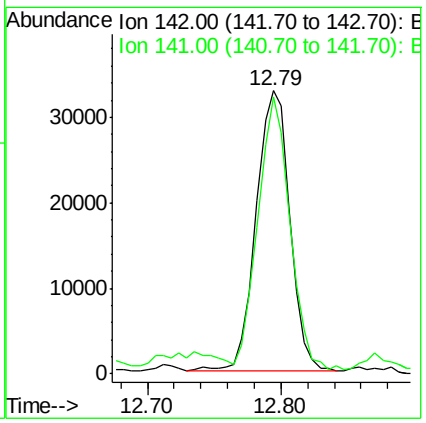


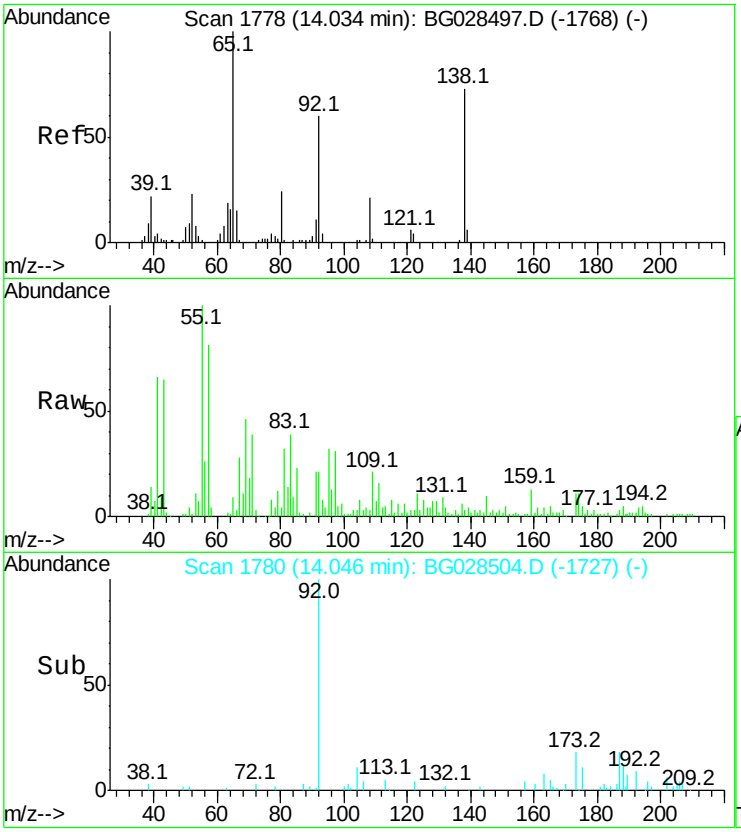


#34
2-Methylnaphthalene
Concen: 9.579 ng/ul
RT: 12.79 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BG028504.D
Acq: 25 Aug 2017 23:40

Tgt Ion:142 Resp: 57312

Ion	Ratio	Lower	Upper
142	100		
141	98.0	68.6	102.8



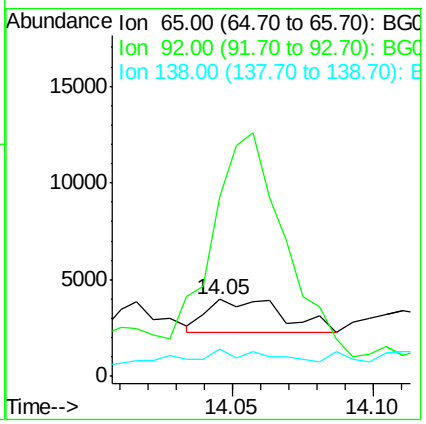


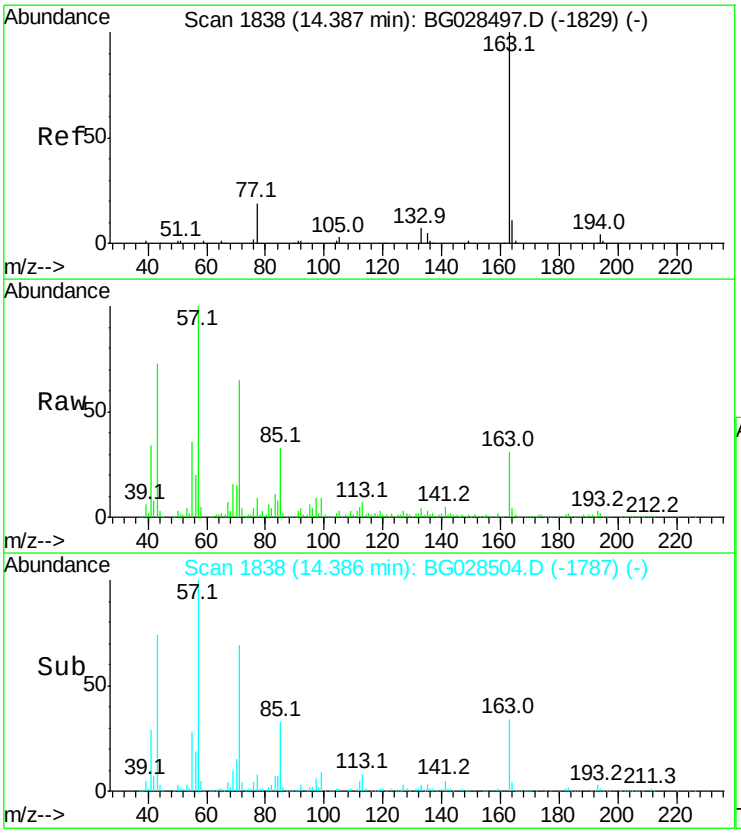
#42
2-Nitroaniline
Concen: 1.234 ng/ul
RT: 14.05 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BG028504.D
Acq: 25 Aug 2017 23:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 3124

Ion	Ratio	Lower	Upper
65	100		
92	234.1	50.9	76.3#
138	36.2	61.8	92.6#

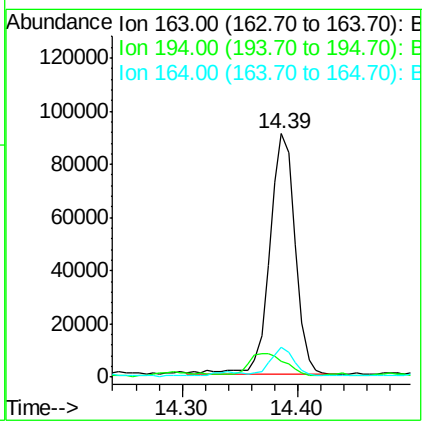


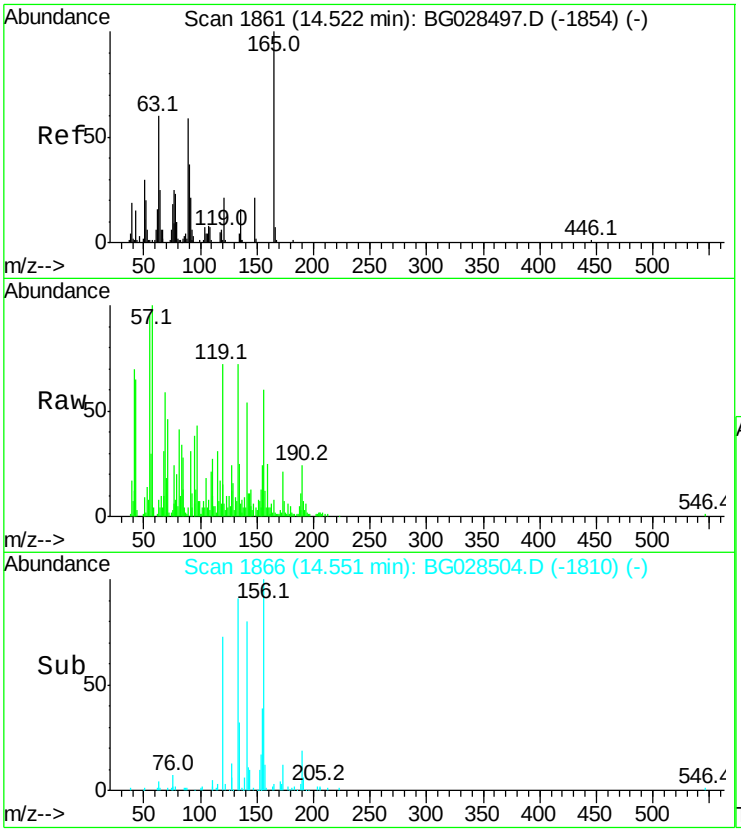


#44
Dimethylphthalate
Concen: 16.187 ng/ul
RT: 14.39 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BG028504.D
Acq: 25 Aug 2017 23:40

Tgt Ion:163 Resp: 138628

Ion	Ratio	Lower	Upper
163	100		
194	6.5	3.4	5.0#
164	12.5	9.0	13.4



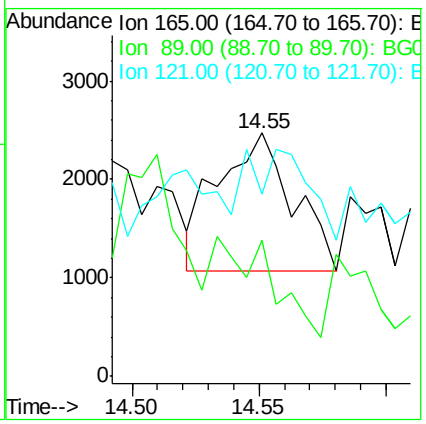


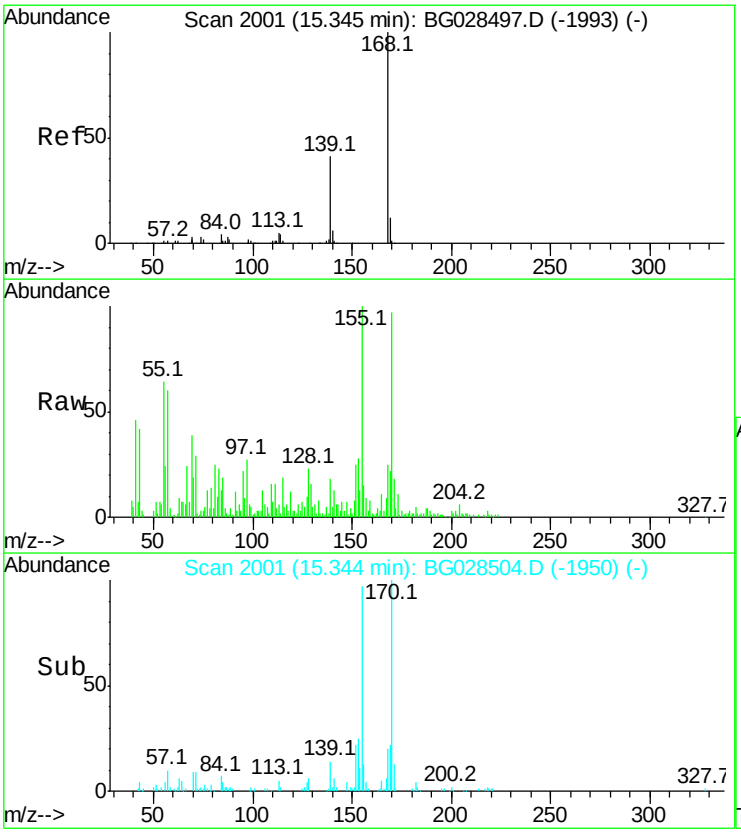
#45
2,6-Dinitrotoluene
Concen: 1.626 ng/ul
RT: 14.55 min Scan# 1866
Delta R.T. 0.03 min
Lab File: BG028504.D
Acq: 25 Aug 2017 23:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 2875

Ion	Ratio	Lower	Upper
165	100		
89	55.8	52.9	79.3
121	75.0	22.2	33.4#

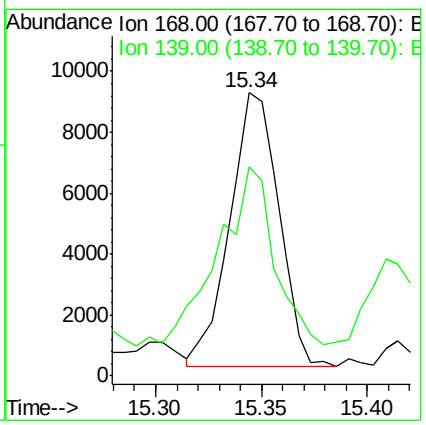


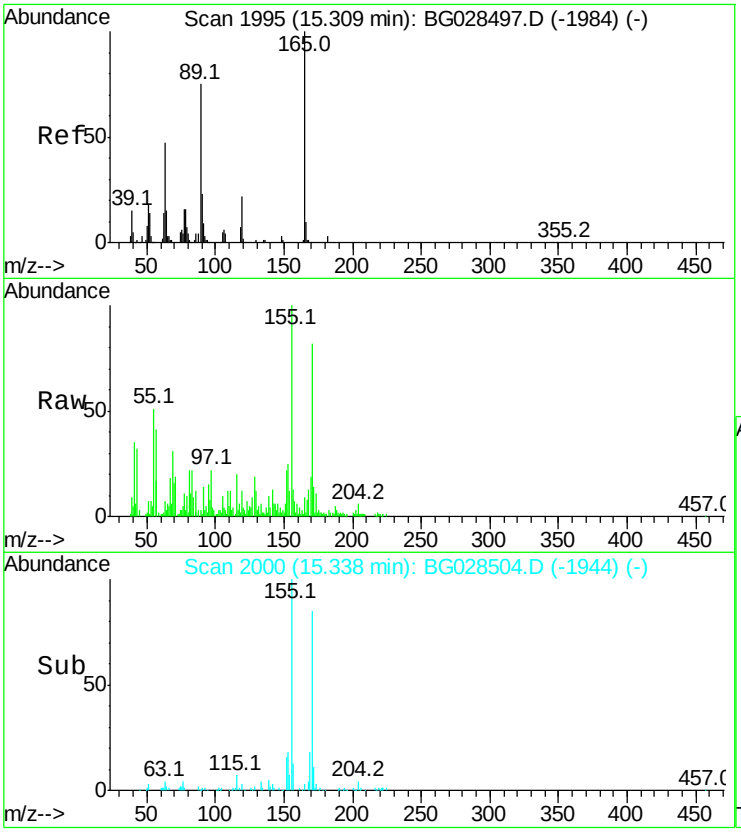


#53
Dibenzofuran
Concen: 1.462 ng/ul
RT: 15.34 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG028504.D
Acq: 25 Aug 2017 23:40

Tgt Ion:168 Resp: 14414

Ion	Ratio	Lower	Upper
168	100		
139	73.8	33.8	50.8#



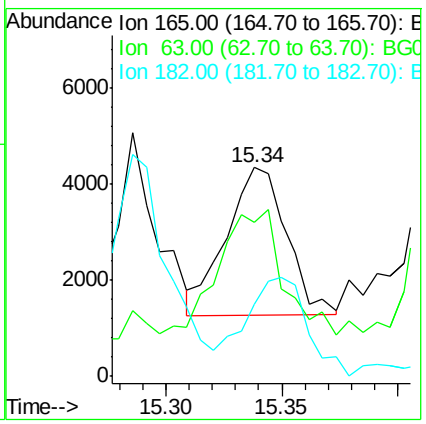


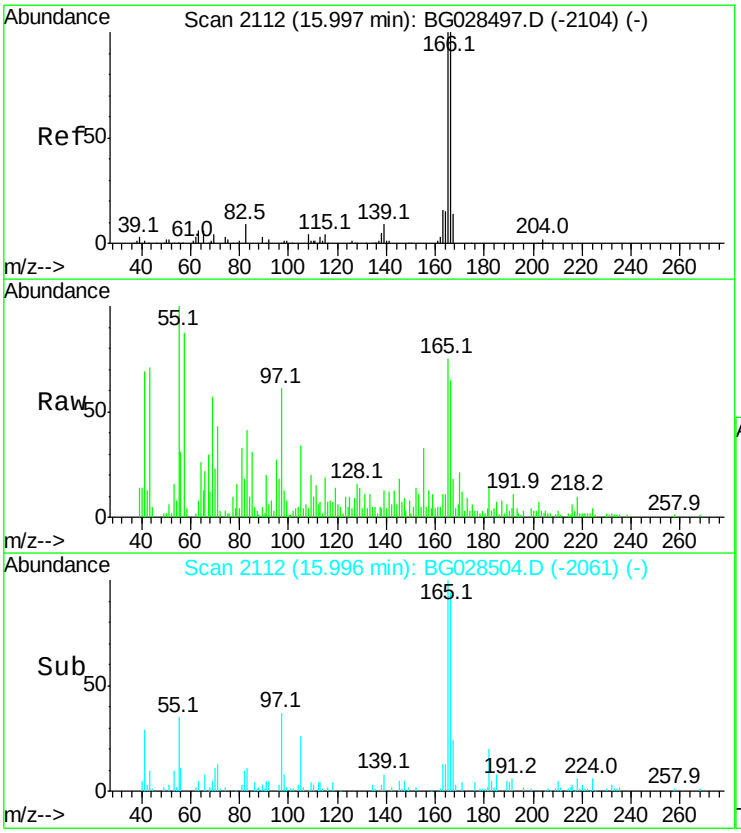
#54
2,4-Dinitrotoluene
Concen: 2.086 ng/ul
RT: 15.34 min Scan# 2000
Delta R.T. 0.03 min
Lab File: BG028504.D
Acq: 25 Aug 2017 23:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 5590

Ion	Ratio	Lower	Upper
165	100		
63	73.6	46.8	70.2#
182	34.6	1.8	2.6#

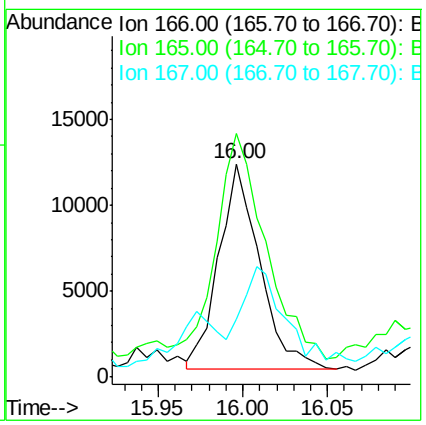


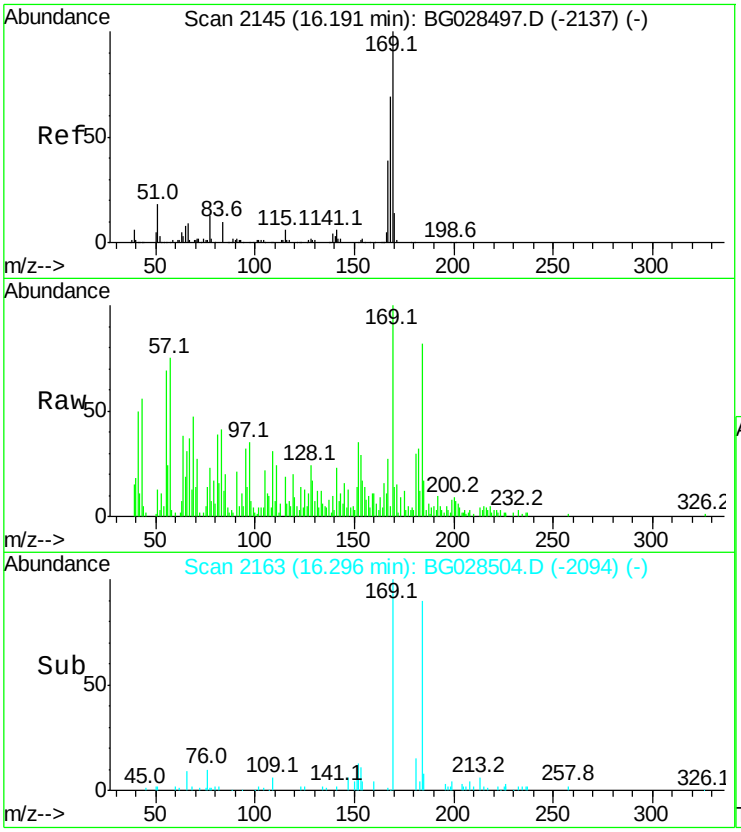


#58
Fluorene
Concen: 2.314 ng/ul
RT: 16.00 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG028504.D
Acq: 25 Aug 2017 23:40

Tgt Ion:166 Resp: 20194

Ion	Ratio	Lower	Upper
166	100		
165	114.2	79.7	119.5
167	27.1	11.4	17.2#





#64
N-Nitrosodiphenylamine
Concen: 1.362 ng/ul
RT: 16.30 min Scan# 2163
Delta R.T. 0.11 min
Lab File: BG028504.D
Acq: 25 Aug 2017 23:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 19447

Ion	Ratio	Lower	Upper
169	100		
168	5.4	59.1	88.7#
167	27.0	29.7	44.5#