Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052116\
Data File : BG022005.D
Acq On : 22 May 2016 10:01
Operator : UM/SJ
Sample : H3124-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 23 08:30:42 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 03:27:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	48222	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	217279	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	119391	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.54	188	212339	20.00	ng/ul	0.01
76) Chrysene-d12	21.81	240	214554	20.00	ng/ul	0.00
84) Perylene-d12	25.14	264	214284	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1902	2.06	ng/uL	0.00
5) Phenol-d5	7.31	99	66278	15.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	39786	17.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	61570	16.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	54695	14.80	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	29531	18.43	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	31754	18.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	55537	17.75	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	65284	19.58	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	179607	20.03	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	233946	18.68	ng/ul	0.01
52) 4-Nitrophenol-d4	14.99	143	7973	5.16	ng/ul	0.00
58) Fluorene-d10	15.79	176	154215	18.36	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.90	200	14405	12.98	ng/ul	0.00
71) Anthracene-d10	17.64	188	210859	20.63	ng/ul	0.01
77) Pyrene-d10	19.91	212	230379	19.04	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.91	264	206080	20.73	ng/ul	0.00
Target Compounds						Qvalue
21) Isophorone	9.89	82	44082	6.38	ng/ul#	1
23) 2-Nitrophenol	10.08	139	5092	2.81	ng/ul#	1
32) Caprolactam	11.89	113	3446	2.87	ng/ul#	1
33) 4-Chloro-3-methylphenol	12.27	107	4938	1.54	ng/ul#	17
34) 2-Methylnaphthalene	12.63	142	9106	1.16	ng/ul	92
35) 1-Methylnaphthalene	12.85	142	11968	1.51	ng/ul#	77
40) 2,4,5-Trichlorophenol	13.34	196	3318	1.31	ng/ul#	24
45) Dimethylphthalate	14.23	163	47207	5.24	ng/ul#	1
48) Acenaphthylene	14.54	152	21251	1.67	ng/ul#	1
49) 3-Nitroaniline	14.71	138	20601	11.52	ng/ul#	22
53) 4-Nitrophenol	15.03	109	31186	35.81	ng/ul#	1
60) 4-Chlorophenyl-phenylether	15.87	204	4414	1.07	ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.88	198	1736	1.51	ng/ul#	1
65) N-Nitrosodiphenylamine	16.03	169	74532	11.10	ng/ul#	51

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052116\
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 23 08:30:42 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 03:27:12 2016
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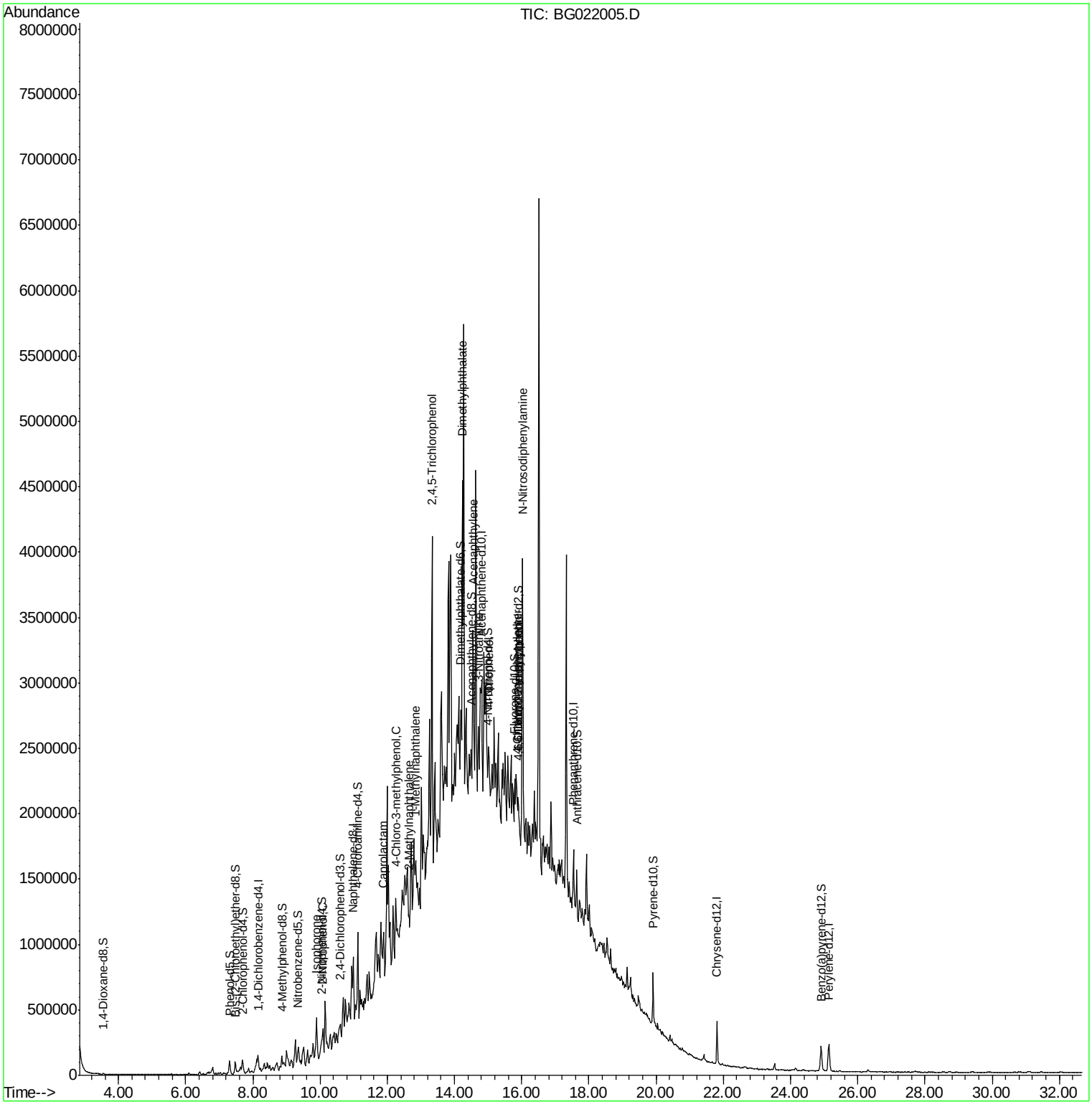
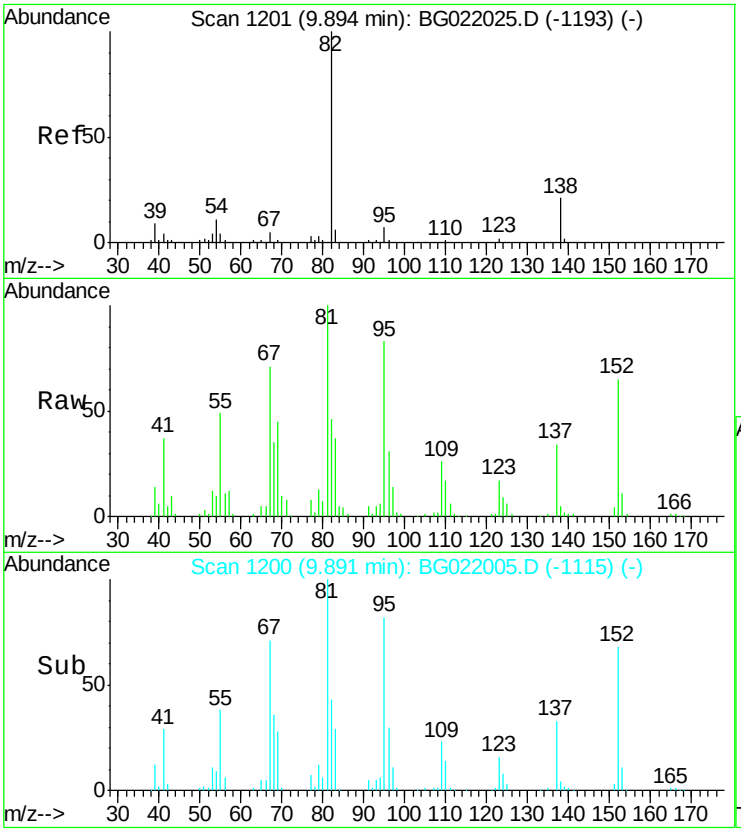


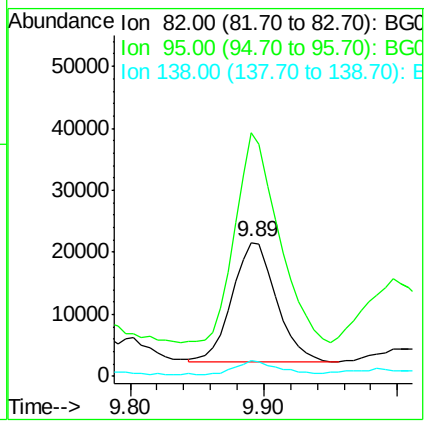


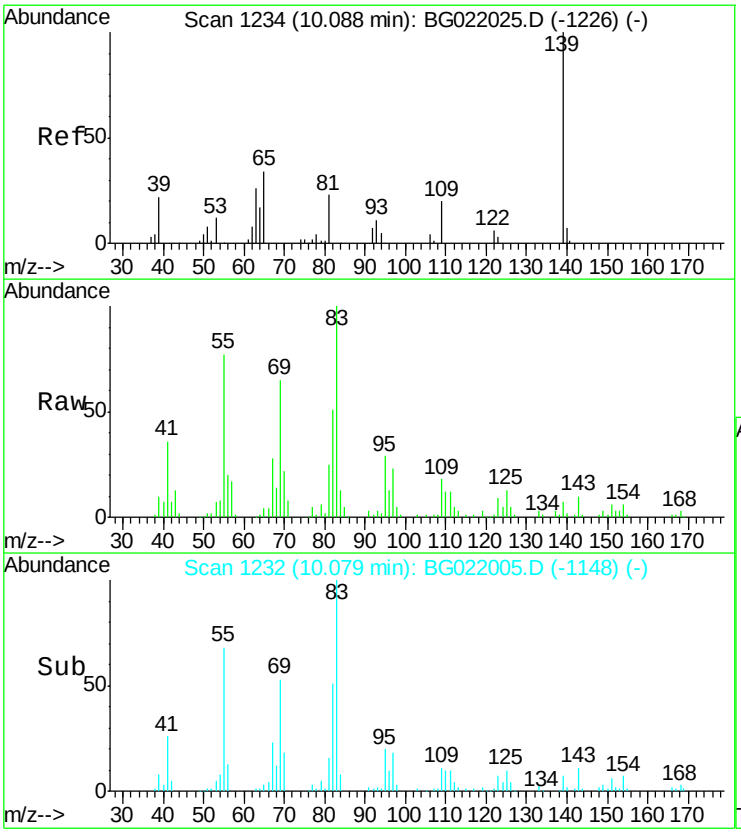
#21
Isophorone
Concen: 6.38 ng/ul
RT: 9.89 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG022005.D
Acq: 22 May 2016 10:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 44082

Ion	Ratio	Lower	Upper
82	100		
95	181.7	5.1	7.7#
138	11.4	15.0	22.6#

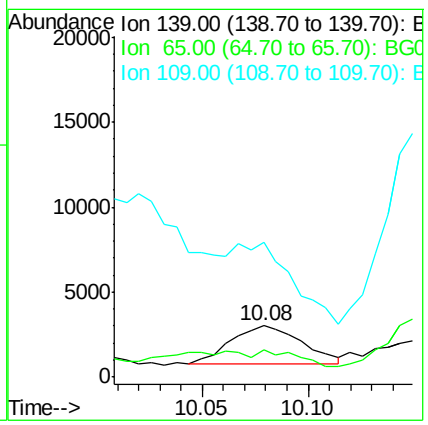


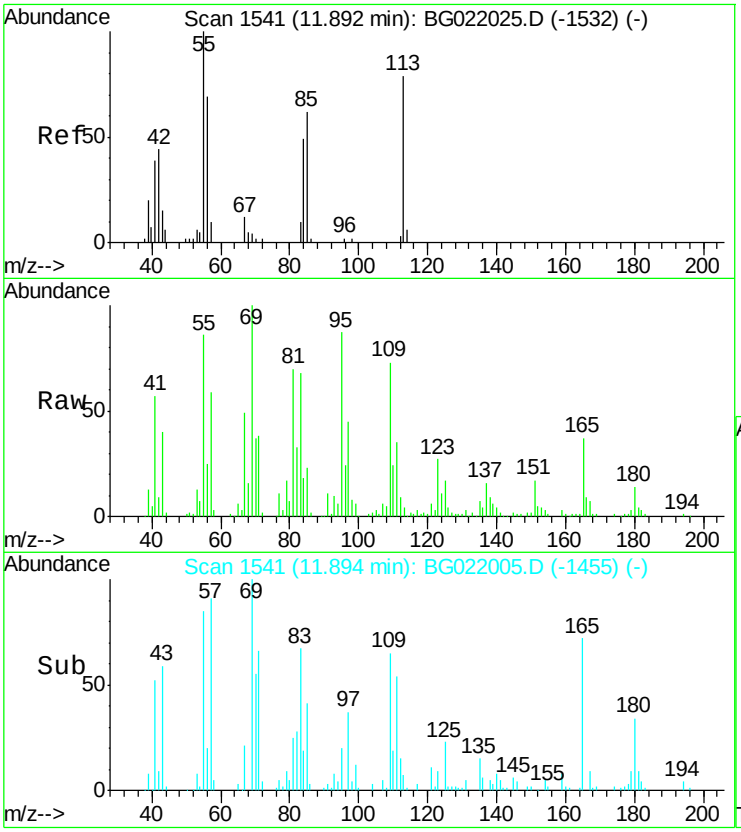


#23
2-Nitrophenol
Concen: 2.81 ng/ul
RT: 10.08 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BG022005.D
Acq: 22 May 2016 10:01

Tgt Ion:139 Resp: 5092

Ion	Ratio	Lower	Upper
139	100		
65	53.2	31.8	47.8#
109	264.1	17.1	25.7#



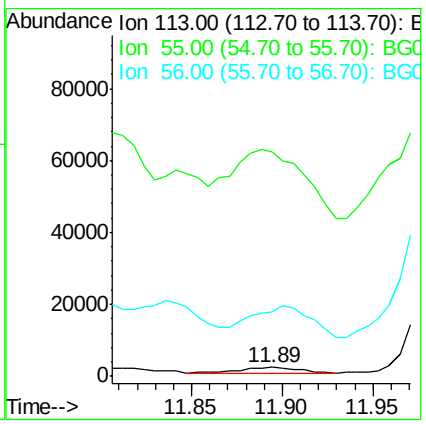


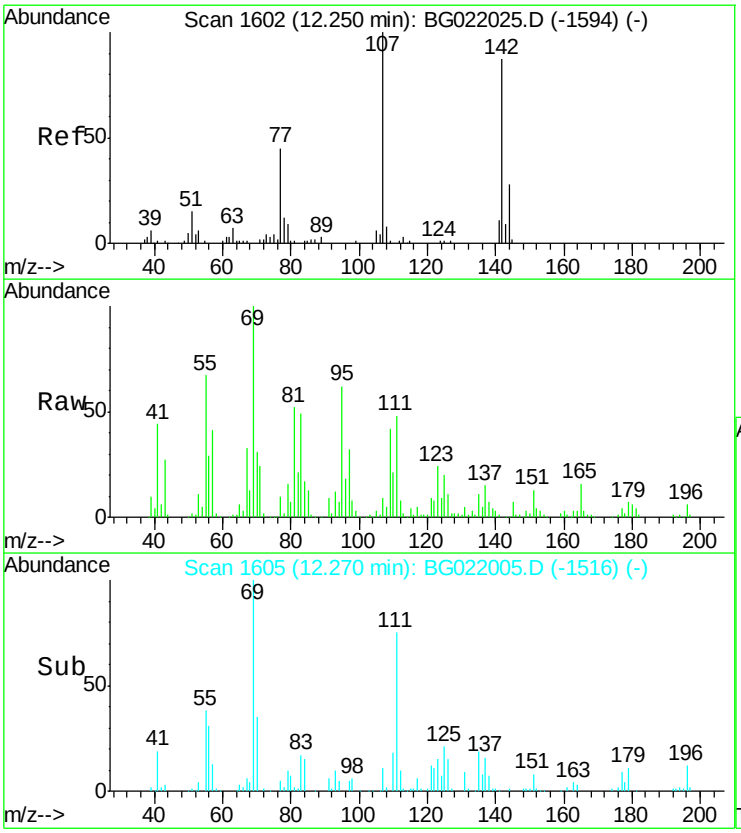
#32
Caprolactam
Concen: 2.87 ng/ul
RT: 11.89 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BG022005.D
Acq: 22 May 2016 10:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:113 Resp: 3446

Ion	Ratio	Lower	Upper
113	100		
55	2441.7	99.6	149.4#
56	705.9	66.4	99.6#

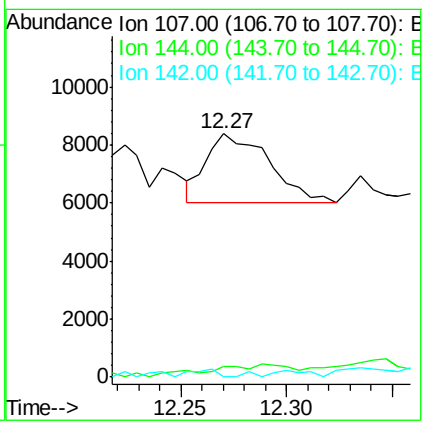


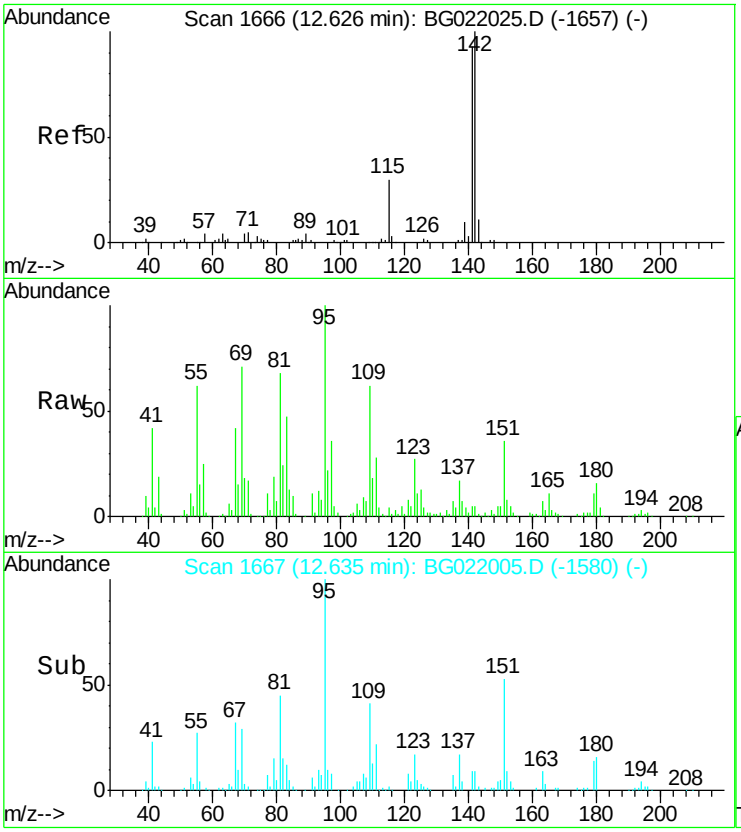


#33
4-Chloro-3-methylphenol
Concen: 1.54 ng/ul
RT: 12.27 min Scan# 1605
Delta R.T. 0.02 min
Lab File: BG022005.D
Acq: 22 May 2016 10:01

Tgt Ion:107 Resp: 4938

Ion	Ratio	Lower	Upper
107	100		
144	4.2	22.7	34.1#
142	0.0	71.6	107.4#



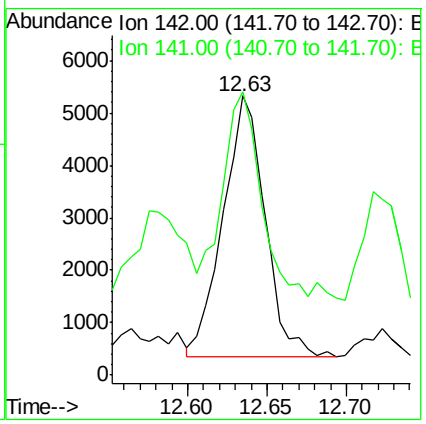


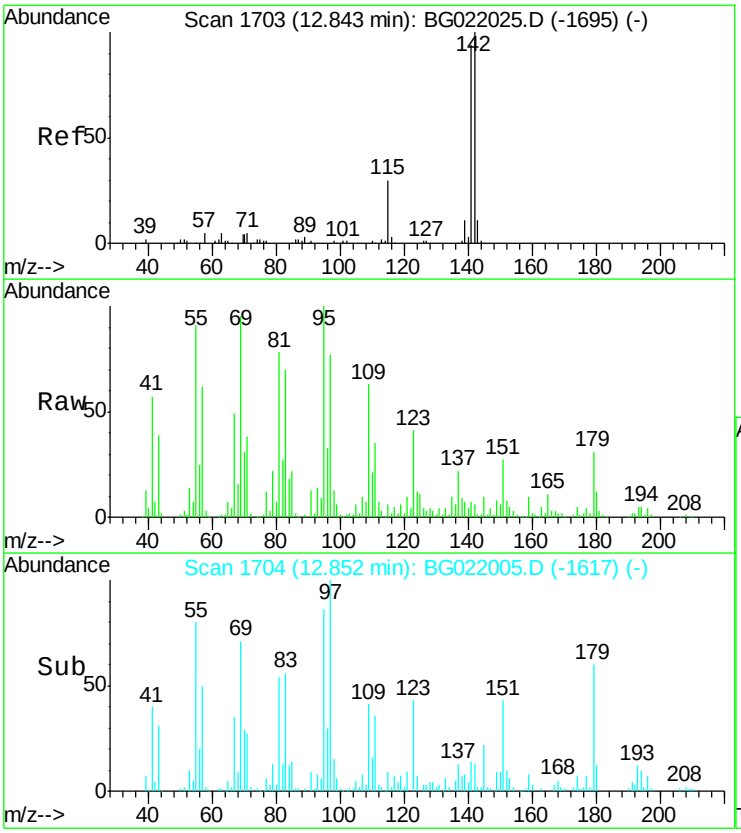
#34
2-Methylnaphthalene
Concen: 1.16 ng/ul
RT: 12.63 min Scan# 1667
Delta R.T. 0.01 min
Lab File: BG022005.D
Acq: 22 May 2016 10:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 9106

Ion	Ratio	Lower	Upper
142	100		
141	101.3	75.2	112.8

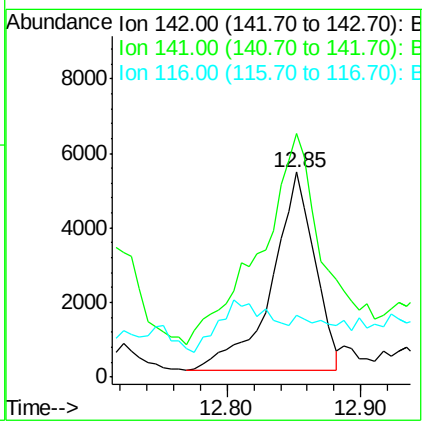


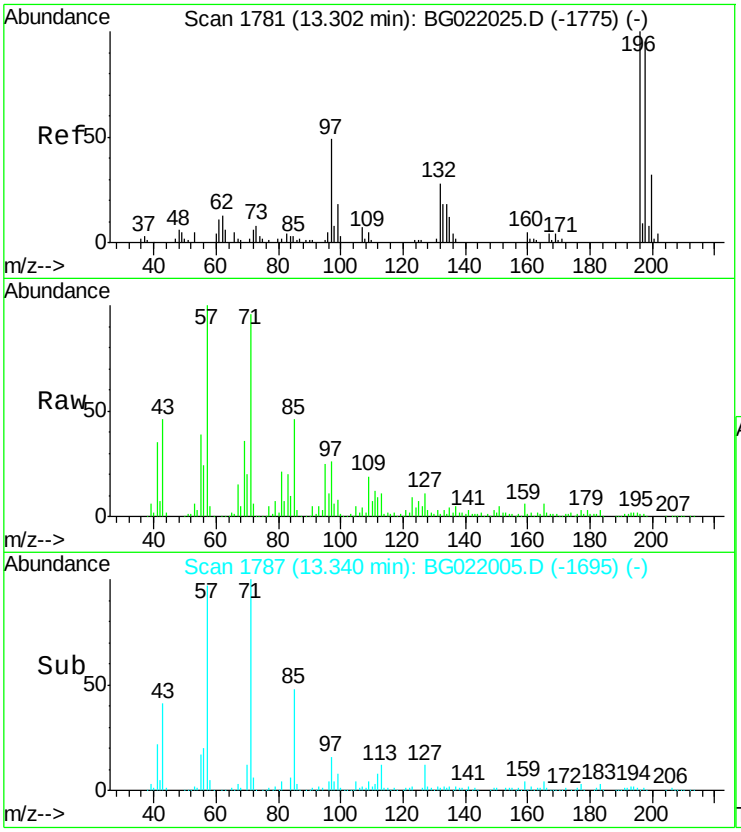


#35
1-Methylnaphthalene
Concen: 1.51 ng/ul
RT: 12.85 min Scan# 1704
Delta R.T. 0.01 min
Lab File: BG022005.D
Acq: 22 May 2016 10:01

Tgt Ion:142 Resp: 11968

Ion	Ratio	Lower	Upper
142	100		
141	119.0	78.3	117.5#
116	30.3	2.9	4.3#



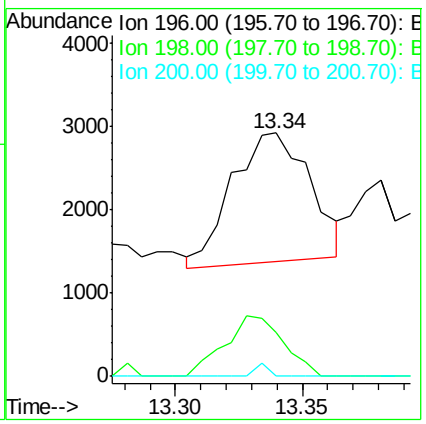


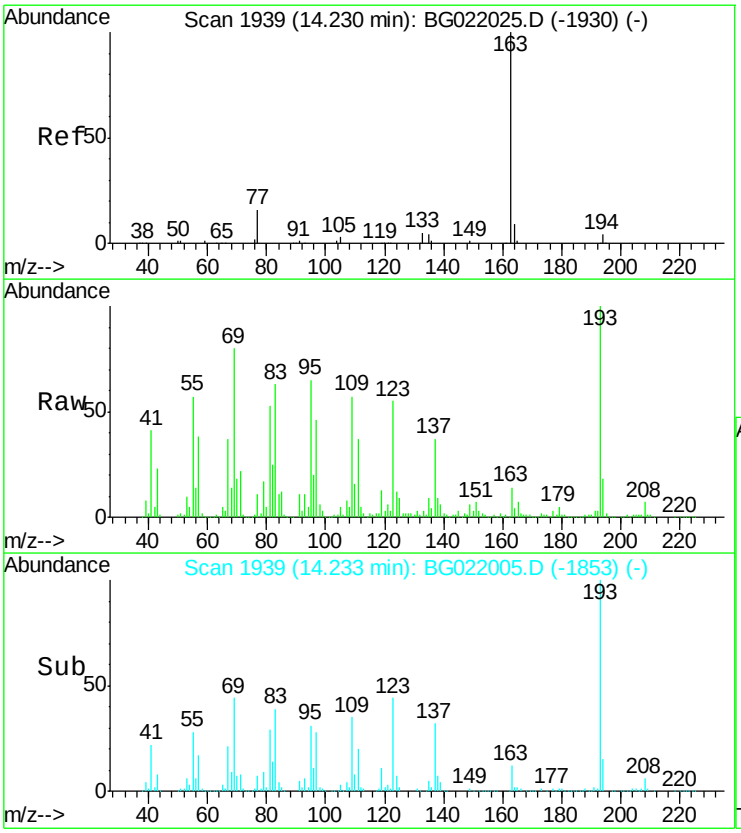
#40
2,4,5-Trichlorophenol
Concen: 1.31 ng/ul
RT: 13.34 min Scan# 1787
Delta R.T. 0.04 min
Lab File: BG022005.D
Acq: 22 May 2016 10:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:196 Resp: 3318

Ion	Ratio	Lower	Upper
196	100		
198	18.3	79.8	119.8#
200	0.0	24.0	36.0#

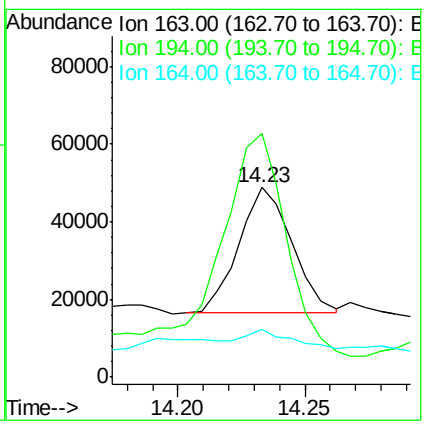


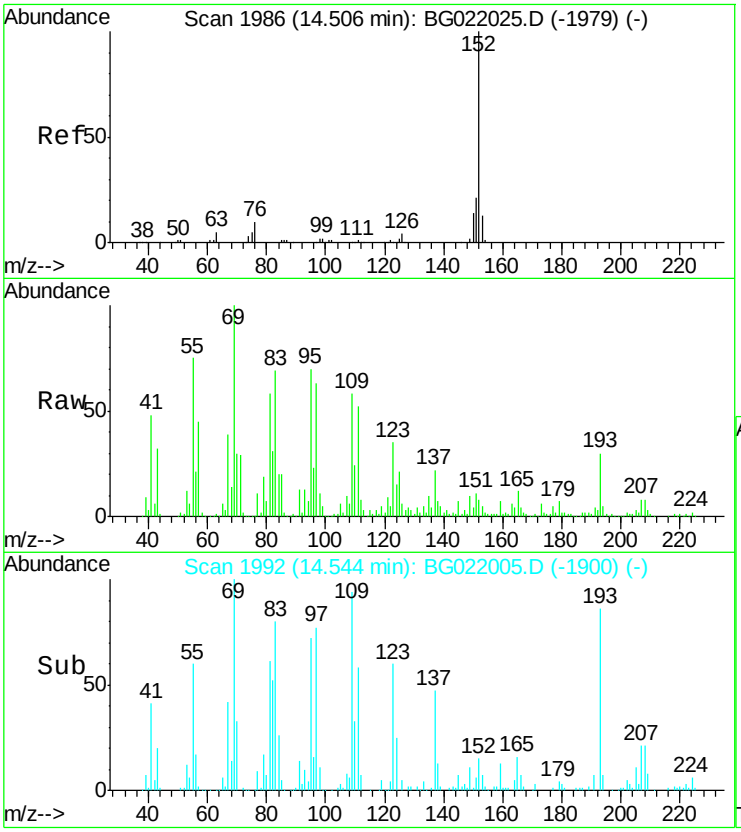


#45
Dimethylphthalate
Concen: 5.24 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BG022005.D
Acq: 22 May 2016 10:01

Tgt Ion:163 Resp: 47207

Ion	Ratio	Lower	Upper
163	100		
194	128.6	3.4	5.2#
164	25.1	8.8	13.2#



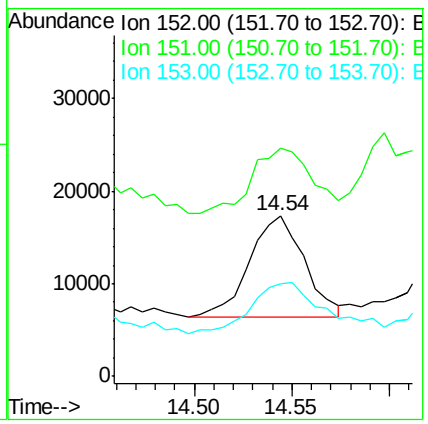


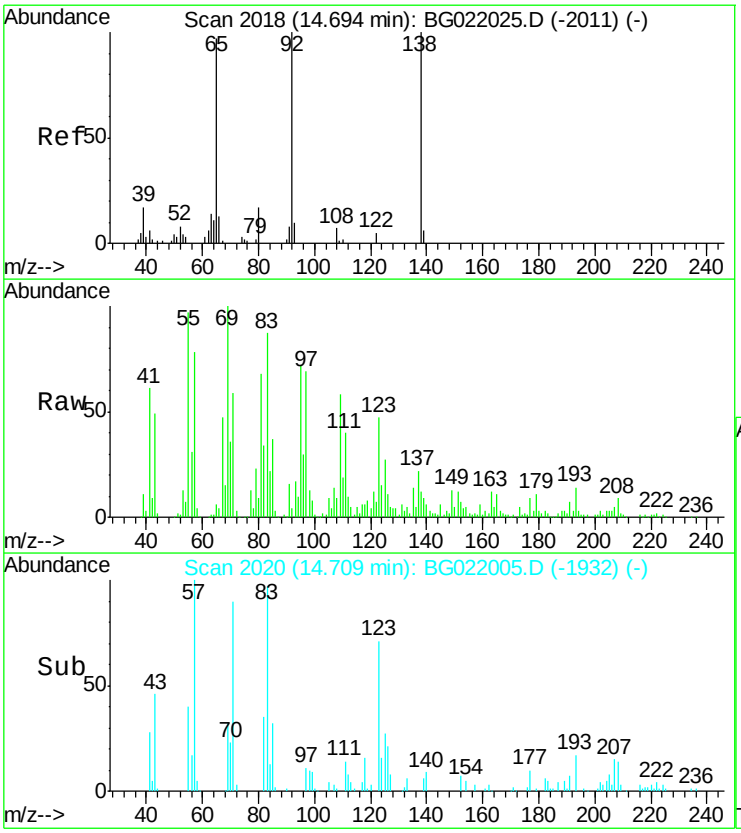
#48
Acenaphthylene
Concen: 1.67 ng/ul
RT: 14.54 min Scan# 1992
Delta R.T. 0.04 min
Lab File: BG022005.D
Acq: 22 May 2016 10:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 21251

Ion	Ratio	Lower	Upper
152	100		
151	142.5	17.5	26.3#
153	57.3	11.1	16.7#

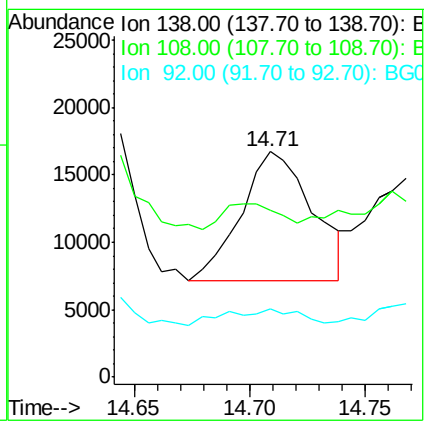


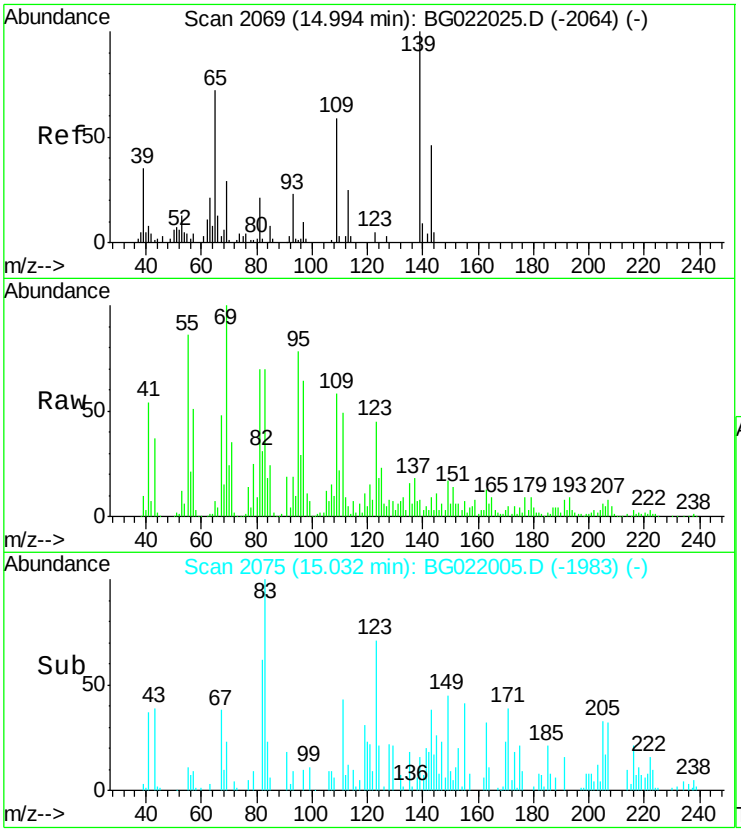


#49
3-Nitroaniline
Concen: 11.52 ng/ul
RT: 14.71 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BG022005.D
Acq: 22 May 2016 10:01

Tgt Ion:138 Resp: 20601

Ion	Ratio	Lower	Upper
138	100		
108	74.2	6.2	9.2#
92	30.6	79.3	118.9#



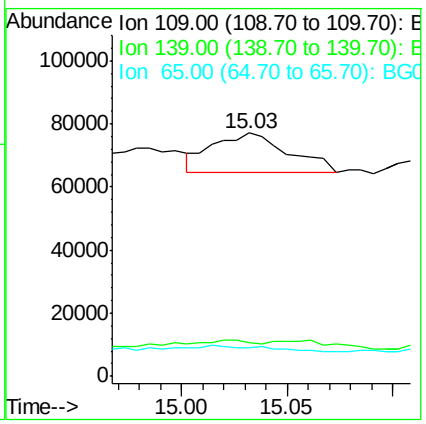


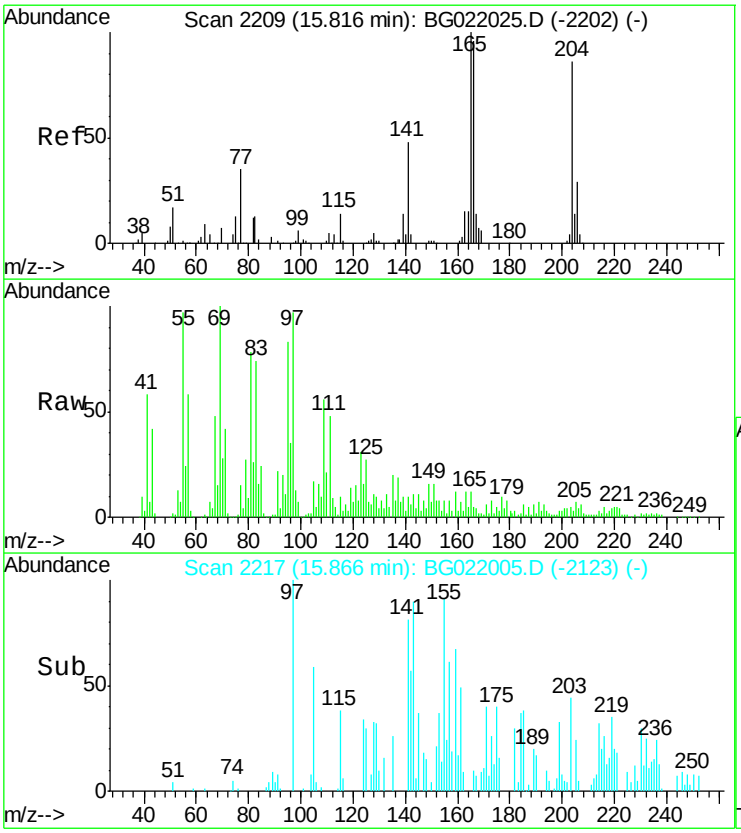
#53
4-Nitrophenol
Concen: 35.81 ng/ul
RT: 15.03 min Scan# 2075
Delta R.T. 0.04 min
Lab File: BG022005.D
Acq: 22 May 2016 10:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:109 Resp: 31186

Ion	Ratio	Lower	Upper
109	100		
139	14.0	136.1	204.1#
65	11.5	106.0	159.0#

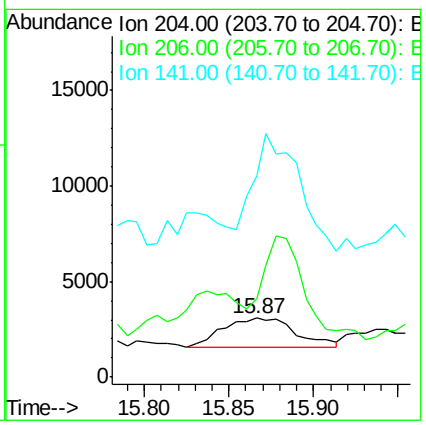


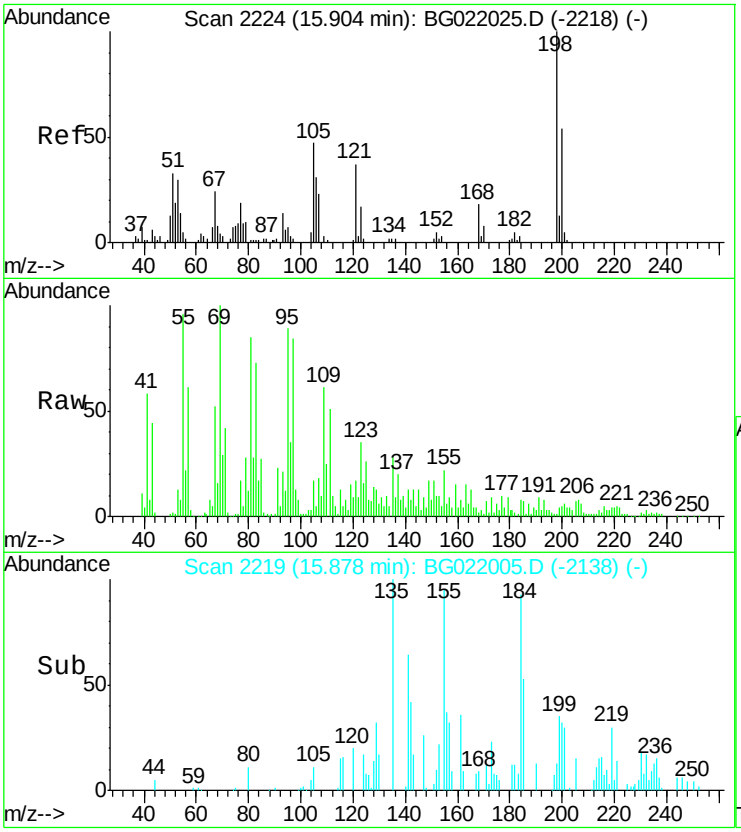


#60
4-Chlorophenyl-phenylether
Concen: 1.07 ng/ul
RT: 15.87 min Scan# 2217
Delta R.T. 0.05 min
Lab File: BG022005.D
Acq: 22 May 2016 10:01

Tgt Ion:204 Resp: 4414

Ion	Ratio	Lower	Upper
204	100		
206	132.5	27.4	41.2#
141	340.0	47.1	70.7#



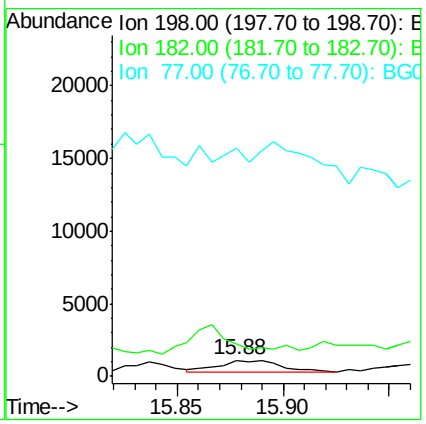


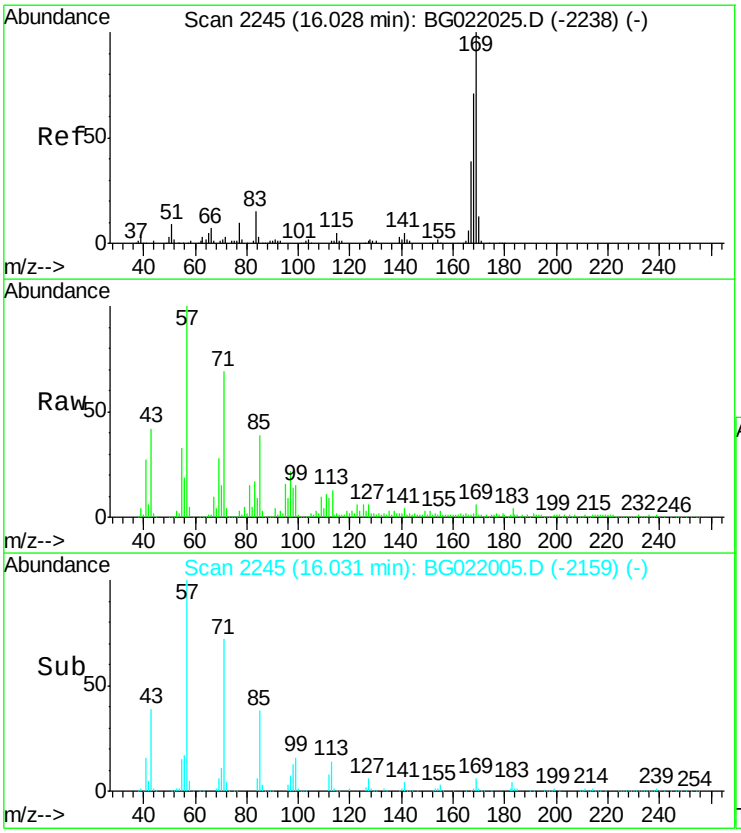
#64
4,6-Dinitro-2-methylphenol
Concen: 1.51 ng/ul
RT: 15.88 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BG022005.D
Acq: 22 May 2016 10:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 1736

Ion	Ratio	Lower	Upper
198	100		
182	196.4	4.2	6.2#
77	1400.2	16.7	25.1#





#65
N-Nitrosodiphenylamine
Concen: 11.10 ng/ul
RT: 16.03 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BG022005.D
Acq: 22 May 2016 10:01

Tgt Ion:169 Resp: 74532

Ion	Ratio	Lower	Upper
169	100		
168	29.0	59.0	88.6#
167	13.8	30.6	46.0#