Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038848.D
Acq On : 27 Dec 2018 18:01
Operator : JU/SJ
Sample : J6533-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-2

Quant Time: Dec 28 00:29:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20817	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	86686	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	70081	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	175523	20.00	ng		0.00
76) Chrysene-d12	21.72	240	174508	20.00	ng		0.00
87) Perylene-d12	25.01	264	190143	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	80430	68.53	ng		0.00
7) Phenol-d6	7.21	99	73707	45.75	ng		0.00
23) Nitrobenzene-d5	9.23	82	154036	90.78	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	169197	175.18	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	459858	90.02	ng		0.00
79) Terphenyl-d14	20.04	244	861592	107.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	1149	2.103	ng	#	46
10) Phenol	7.24	94	6896	4.029	ng		95
19) n-Nitroso-di-n-propylamine	9.23	70	21050	18.601	ng	#	67
27) 2,4-Dimethylphenol	10.15	122	6931	5.505	ng	#	1
32) Benzoic acid	10.15	122	6931	16.995	ng		92
50) Dimethylphthalate	14.14	163	16096	2.812	ng	#	95
51) 2,6-Dinitrotoluene	14.69	165	8897	6.860	ng	#	19
57) 2,4-Dinitrotoluene	14.69	165	8897	4.871	ng	#	21
67) 4-Bromophenyl-phenylether	16.18	248	11095	5.176	ng	#	1
77) Benzidine	20.04	184	14191	2.750	ng	#	92

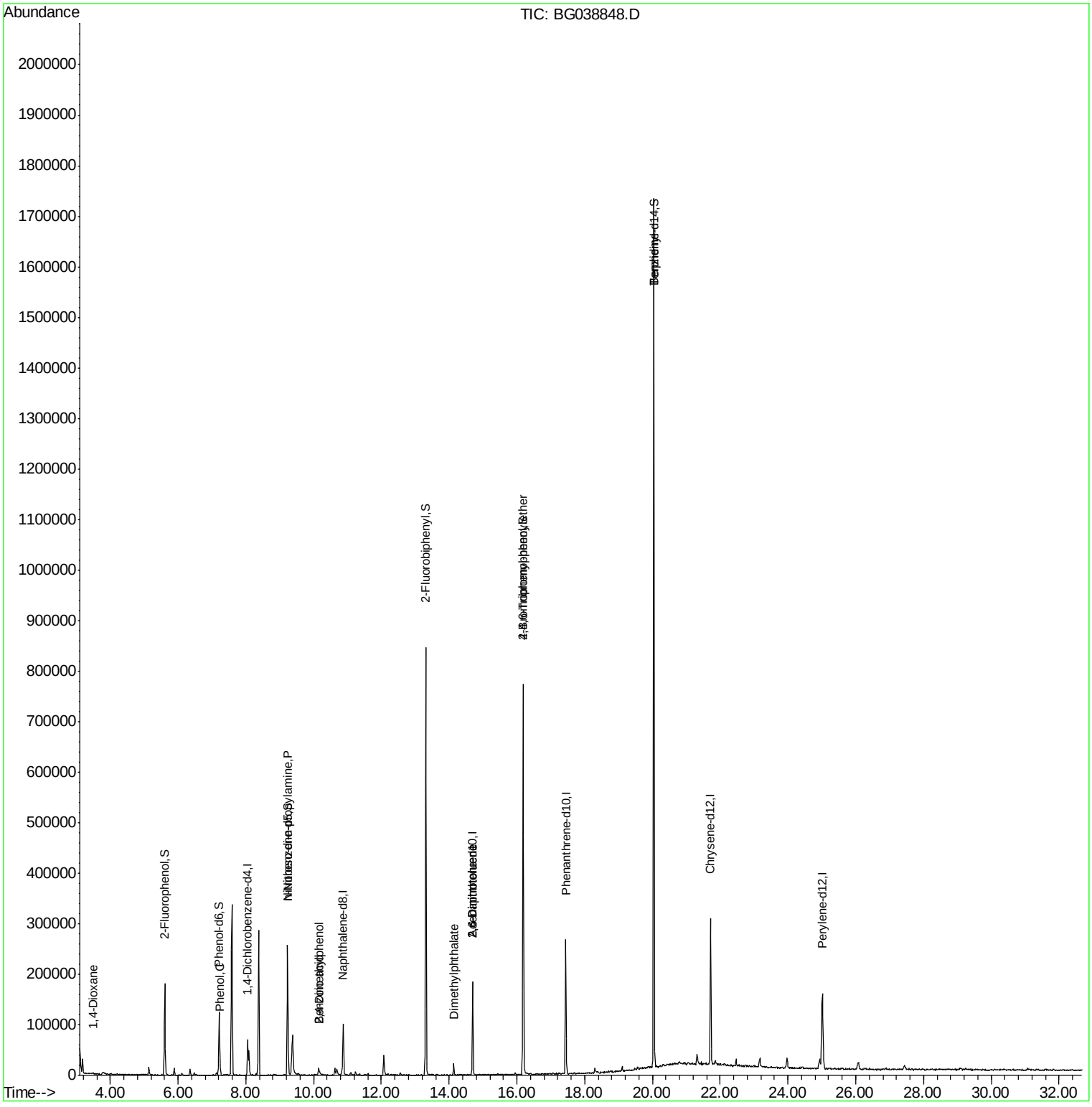
(#) = qualifier out of range (m) = manual integration (+) = signals summed

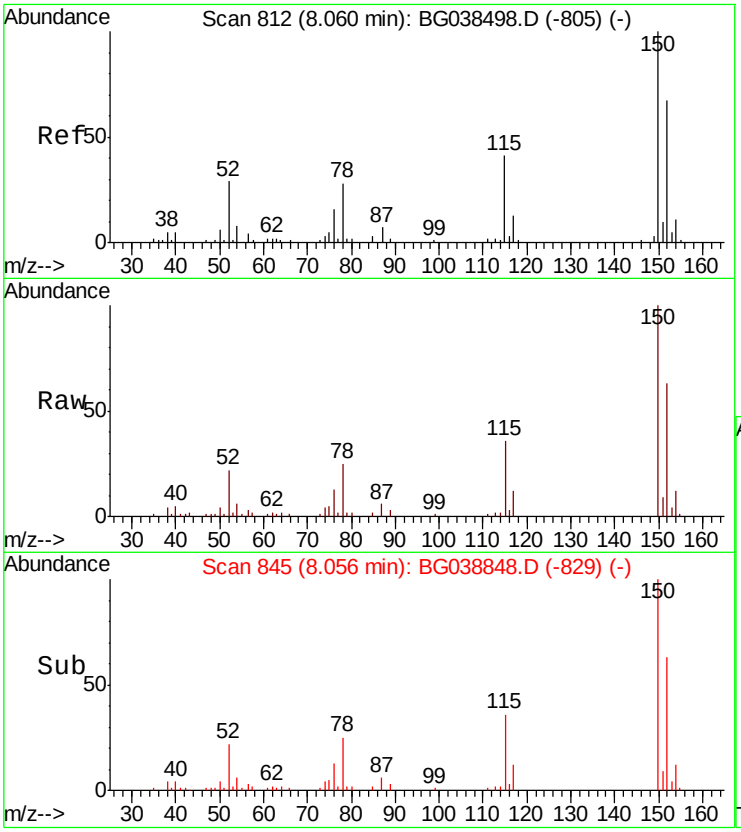
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038848.D
Acq On : 27 Dec 2018 18:01
Operator : JU/SJ
Sample : J6533-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-2

Quant Time: Dec 28 00:29:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



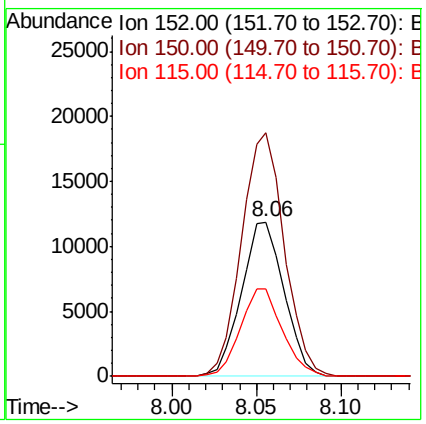


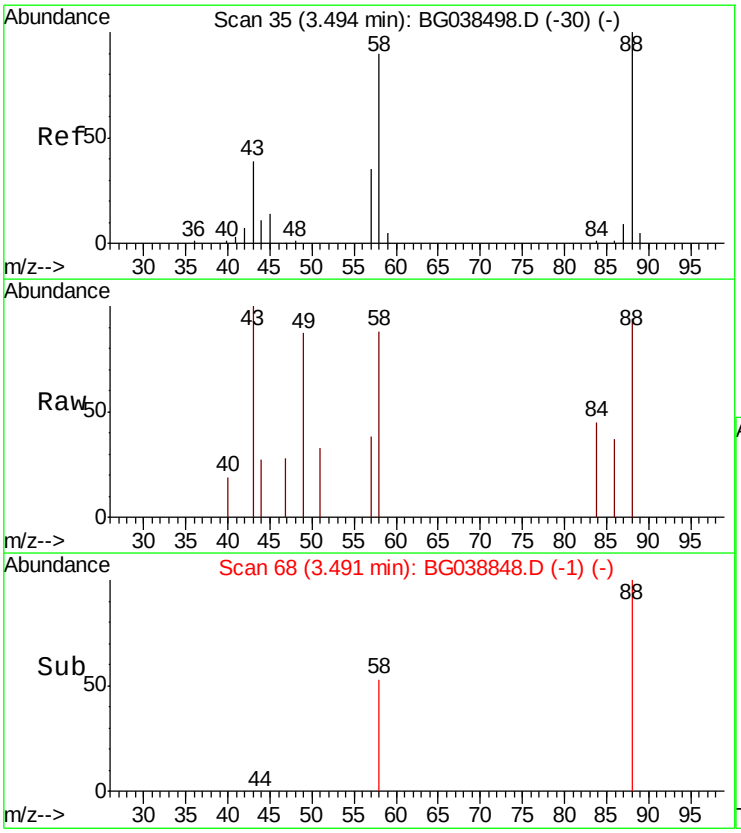
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:152 Resp: 20817

Ion	Ratio	Lower	Upper
152	100		
150	158.0	119.5	179.3
115	57.2	49.6	74.4

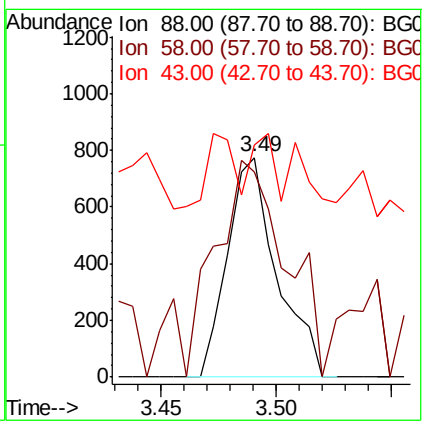


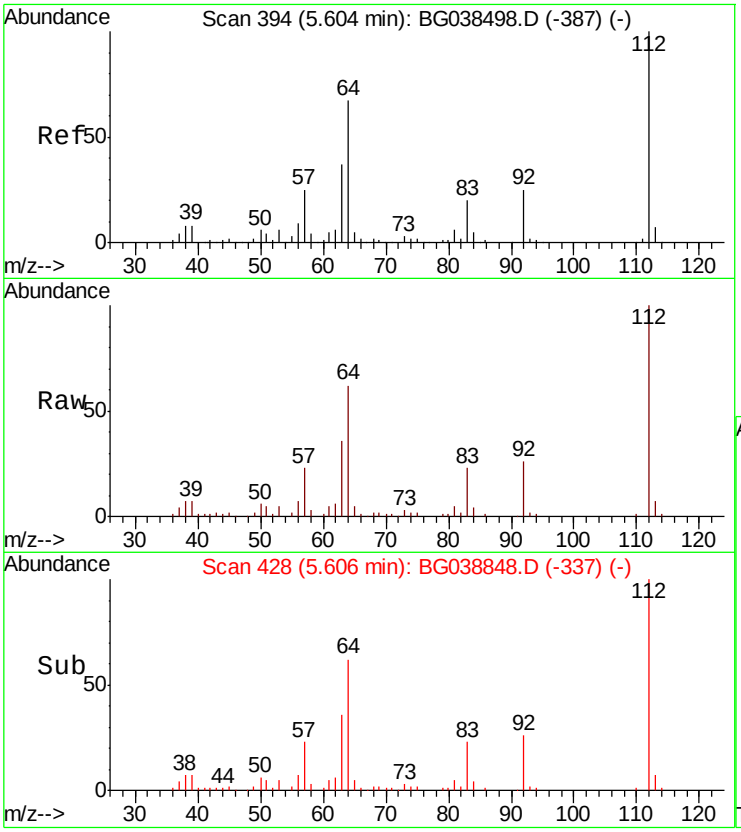


#2
1,4-Dioxane
Concen: 2.103 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Tgt Ion: 88 Resp: 1149

Ion	Ratio	Lower	Upper
88	100		
58	153.9	75.7	113.5#
43	16.8	31.6	47.4#



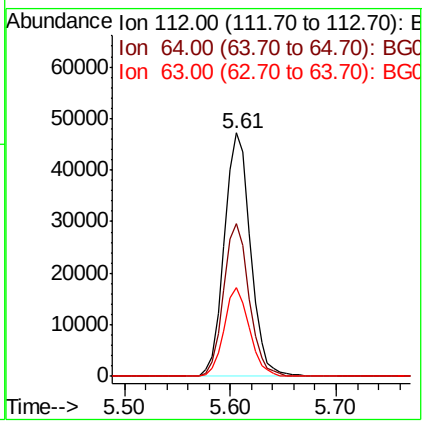


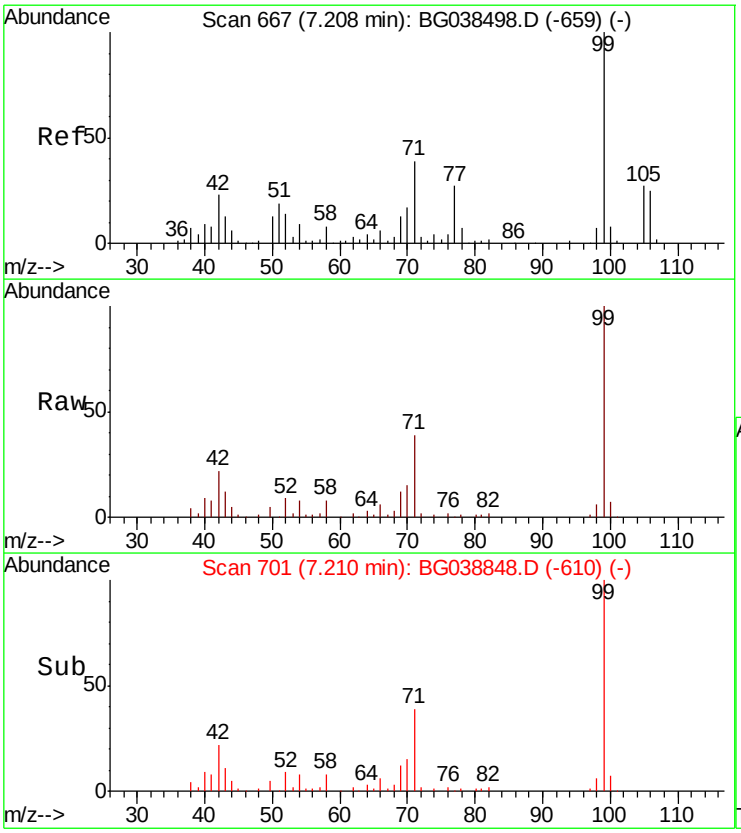
#5
2-Fluorophenol
Concen: 68.528 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:112 Resp: 80430

Ion	Ratio	Lower	Upper
112	100		
64	62.5	53.4	80.2
63	36.4	29.3	43.9

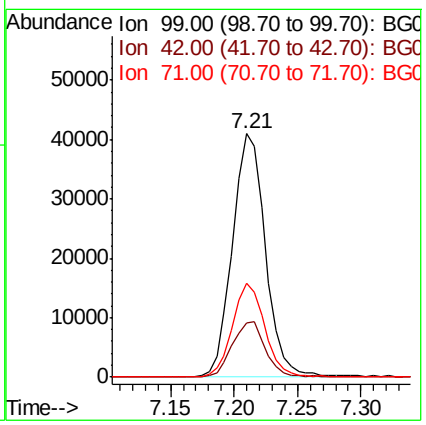


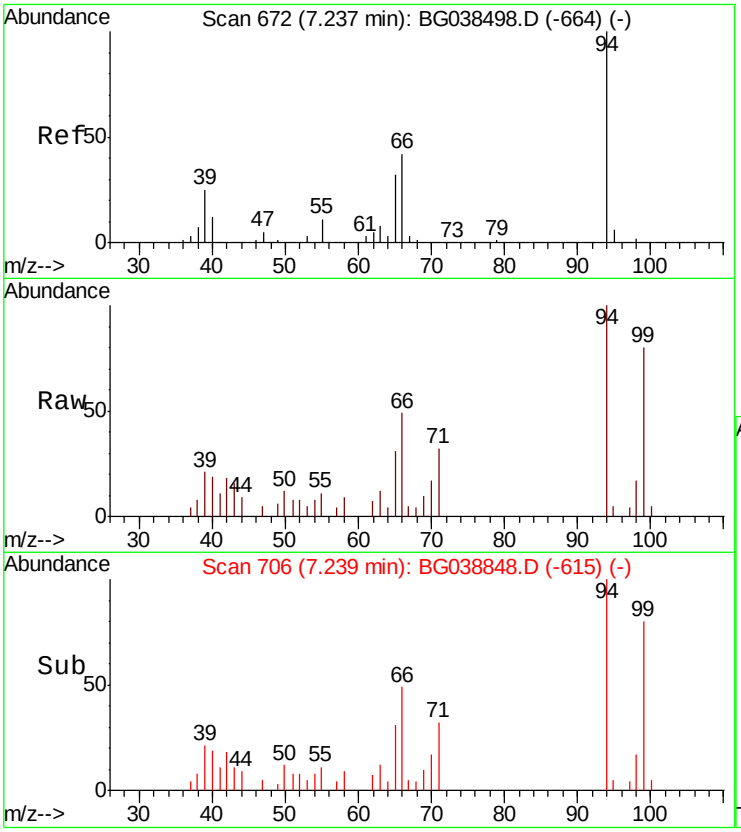


#7
Phenol-d6
Concen: 45.746 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Tgt Ion: 99 Resp: 73707

Ion	Ratio	Lower	Upper
99	100		
42	22.4	18.5	27.7
71	38.5	31.1	46.7



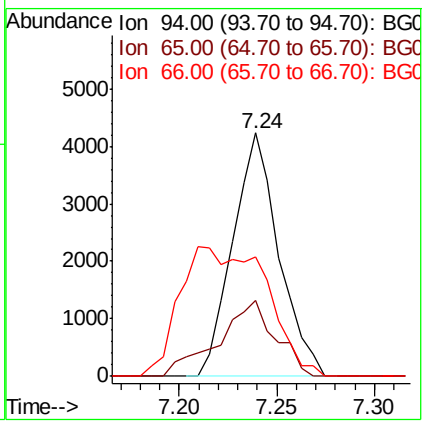


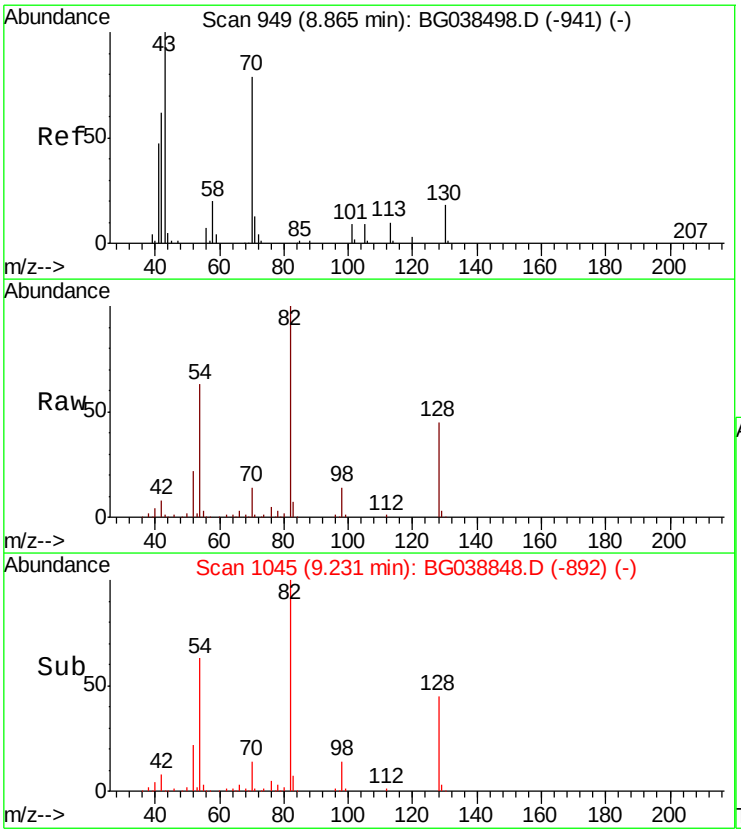
#10
Phenol
Concen: 4.029 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion: 94 Resp: 6896

Ion	Ratio	Lower	Upper
94	100		
65	31.0	12.6	52.6
66	48.9	24.1	64.1

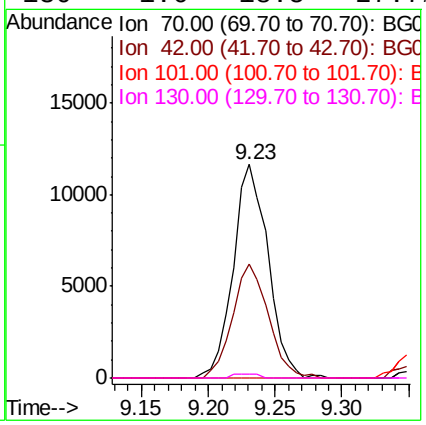


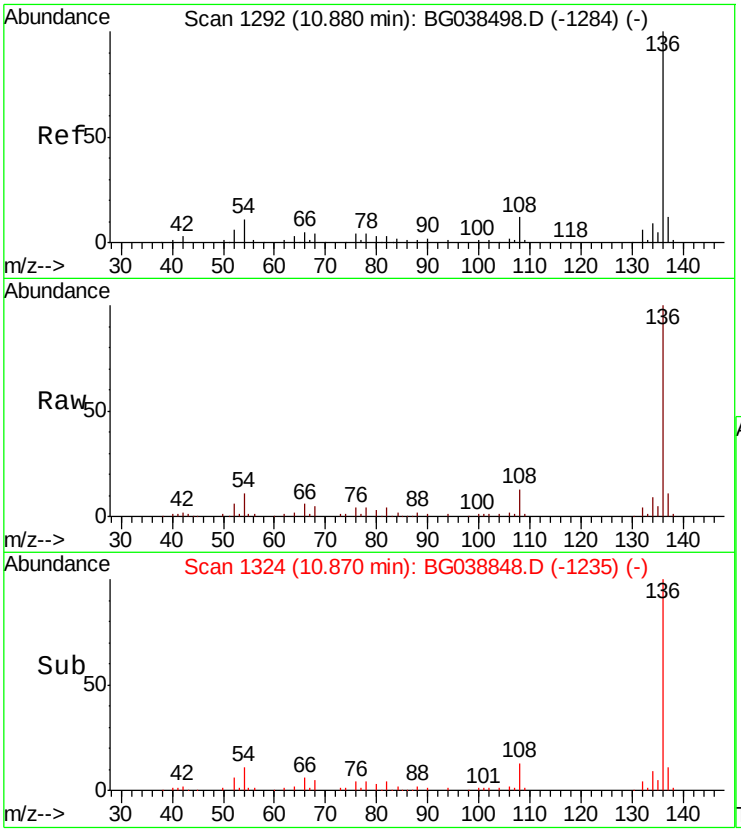


#19
n-Nitroso-di-n-propylamine
Concen: 18.601 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.37 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Tgt Ion: 70 Resp: 21050

Ion	Ratio	Lower	Upper
70	100		
42	53.5	63.6	95.4#
101	0.0	9.2	13.8#
130	1.6	18.5	27.7#



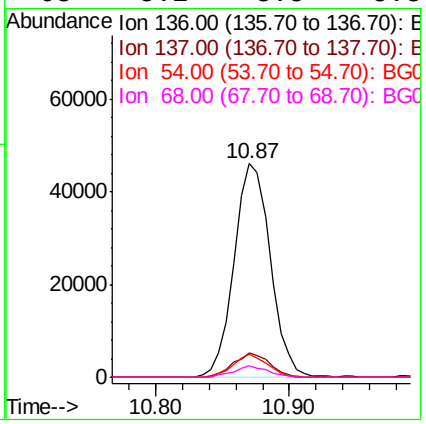


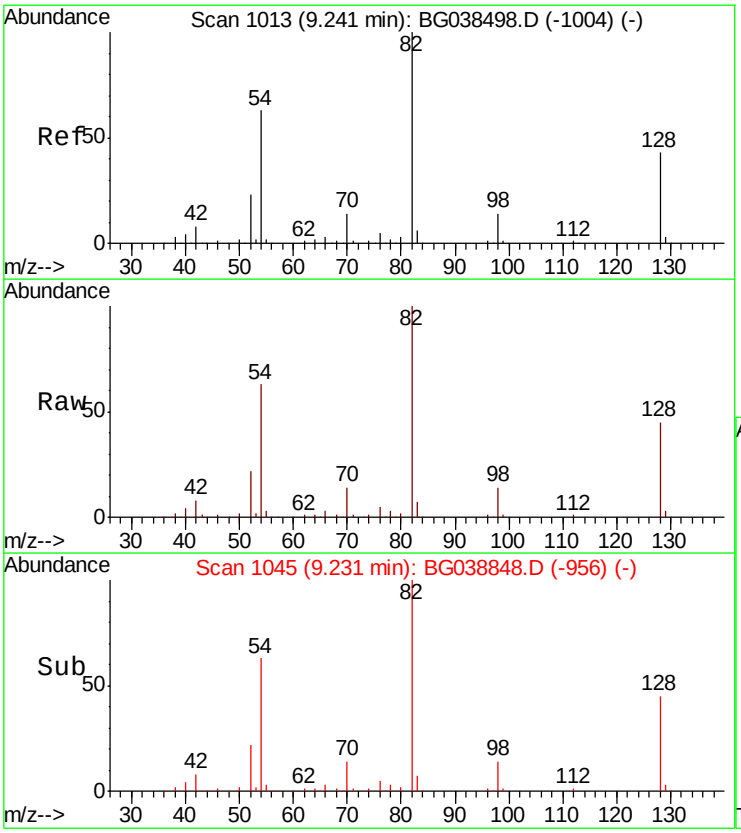
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:136 Resp: 86686

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	11.1	8.5	12.7
68	5.2	3.5	5.3

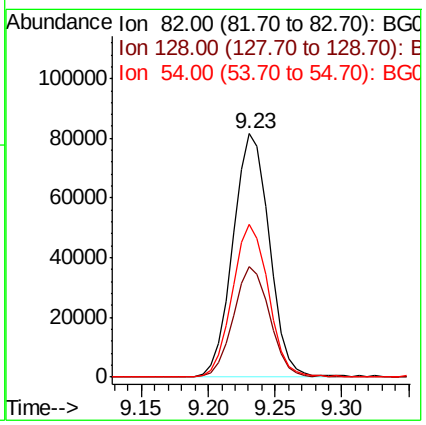


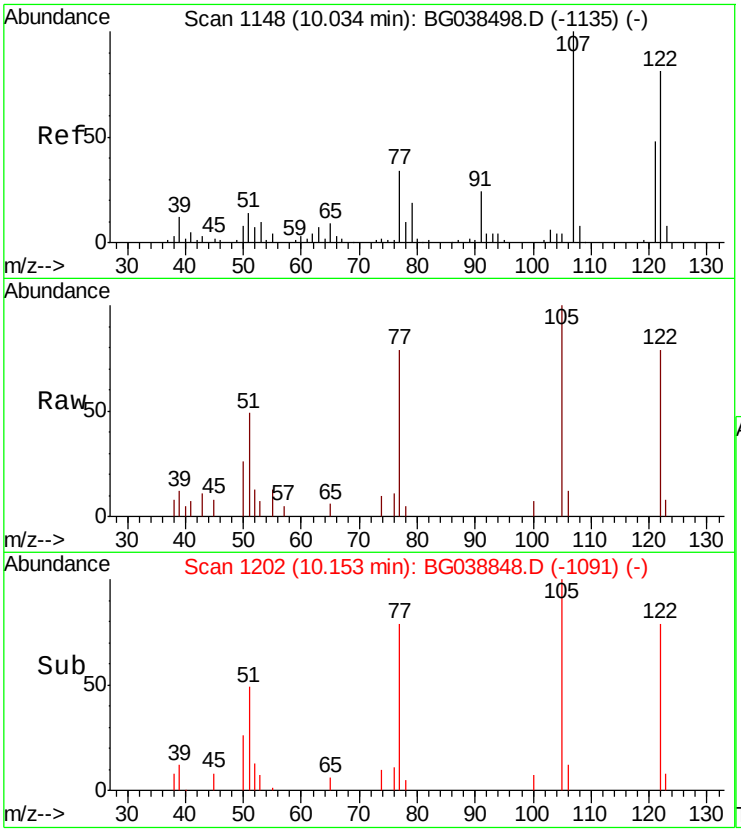


#23
Nitrobenzene-d5
Concen: 90.779 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Tgt Ion: 82 Resp: 154036

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.6	52.0
54	62.8	50.6	76.0



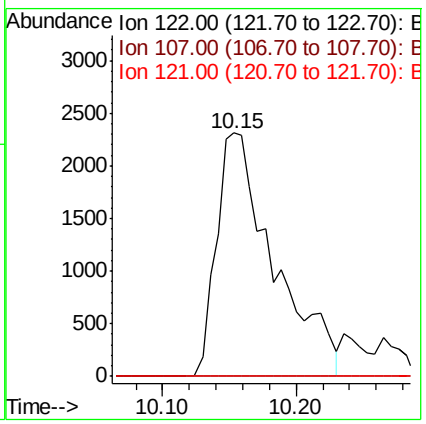


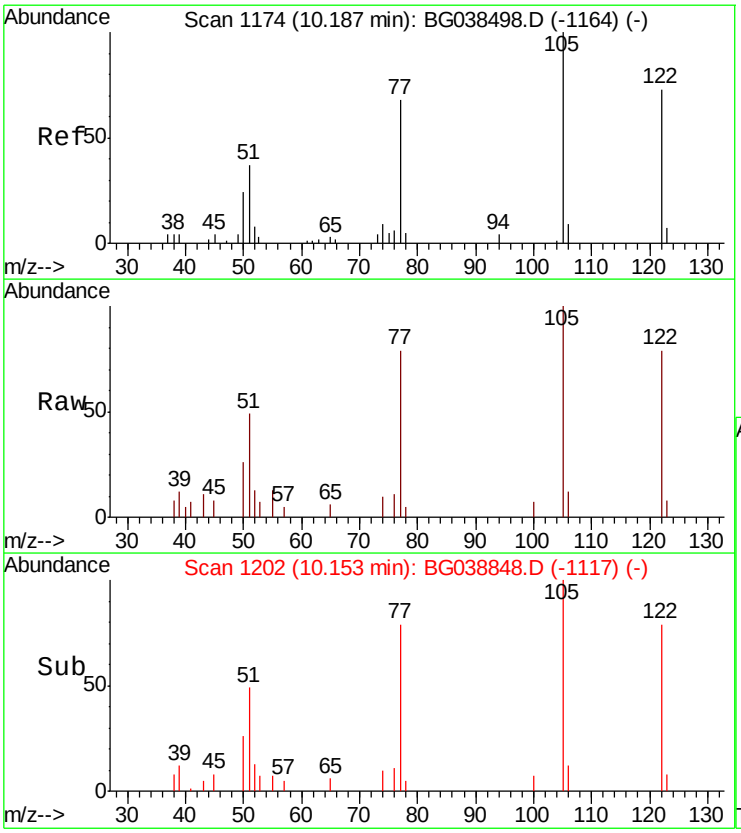
#27
2,4-Dimethylphenol
Concen: 5.505 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.12 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:122 Resp: 6931

Ion	Ratio	Lower	Upper
122	100		
107	0.0	98.4	147.6#
121	0.0	47.2	70.8#

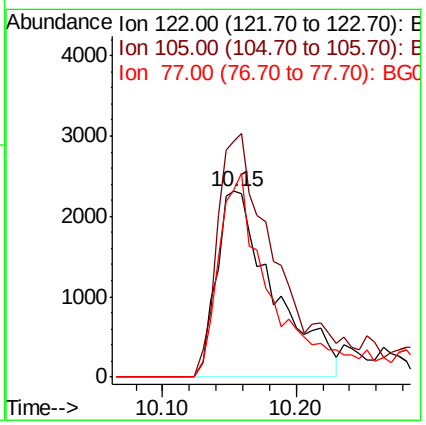


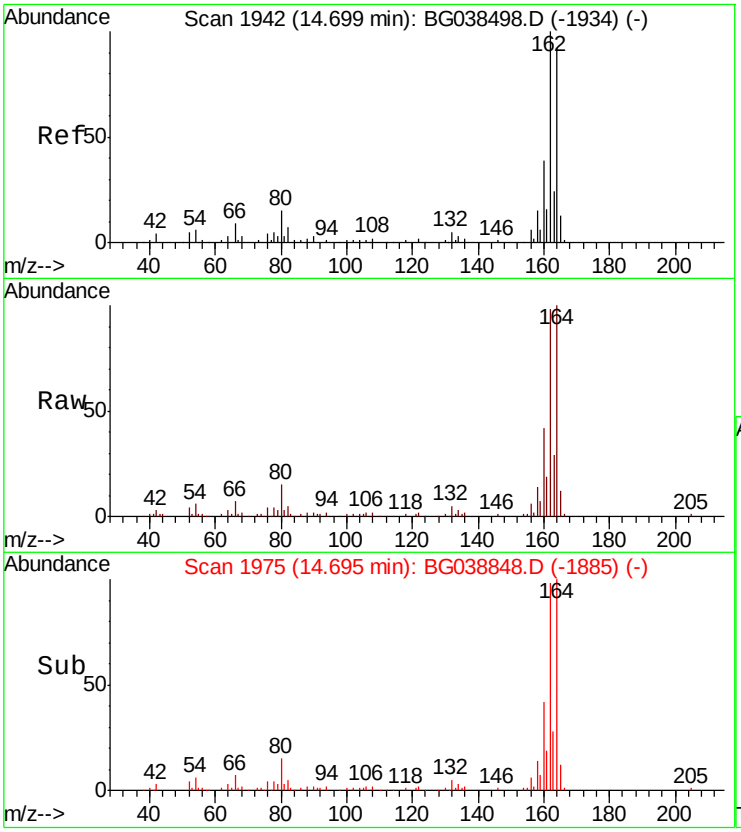


#32
Benzoic acid
Concen: 16.995 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.03 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Tgt Ion:122 Resp: 6931

Ion	Ratio	Lower	Upper
122	100		
105	126.6	116.7	156.7
77	100.6	72.5	112.5



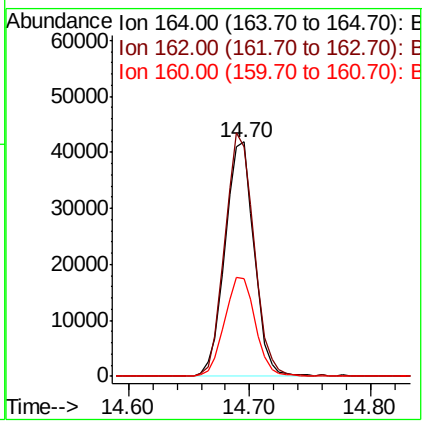


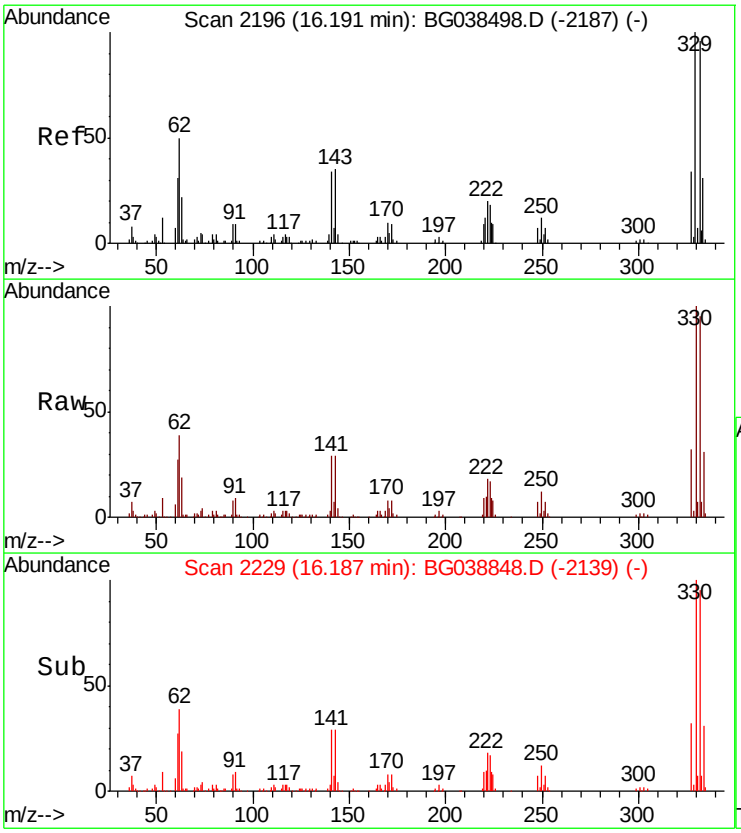
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:164 Resp: 70081

Ion	Ratio	Lower	Upper
164	100		
162	98.0	86.6	130.0
160	41.7	34.2	51.2

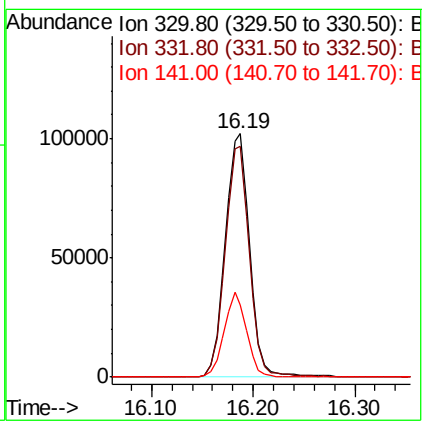


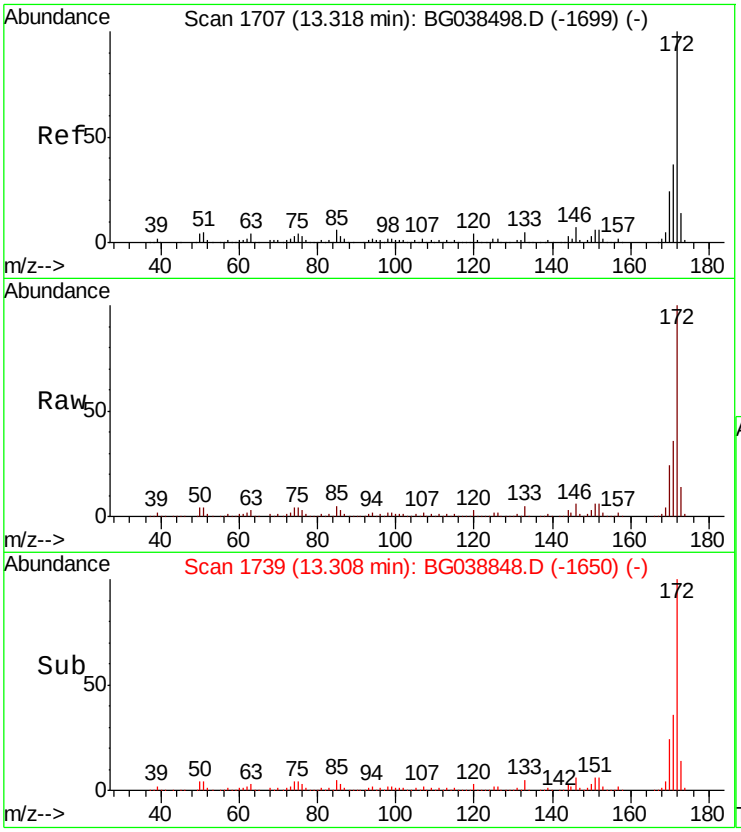


#42
2,4,6-Tribromophenol
Concen: 175.181 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Tgt Ion:330 Resp: 169197

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.9	115.3
141	32.3	28.8	43.2



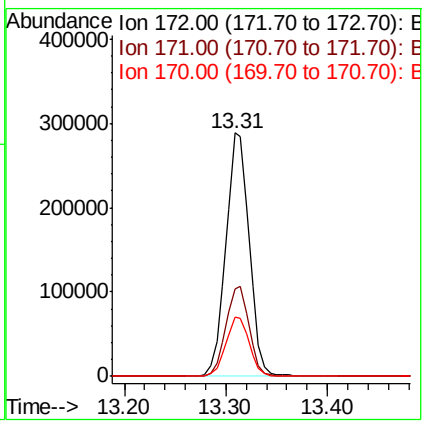


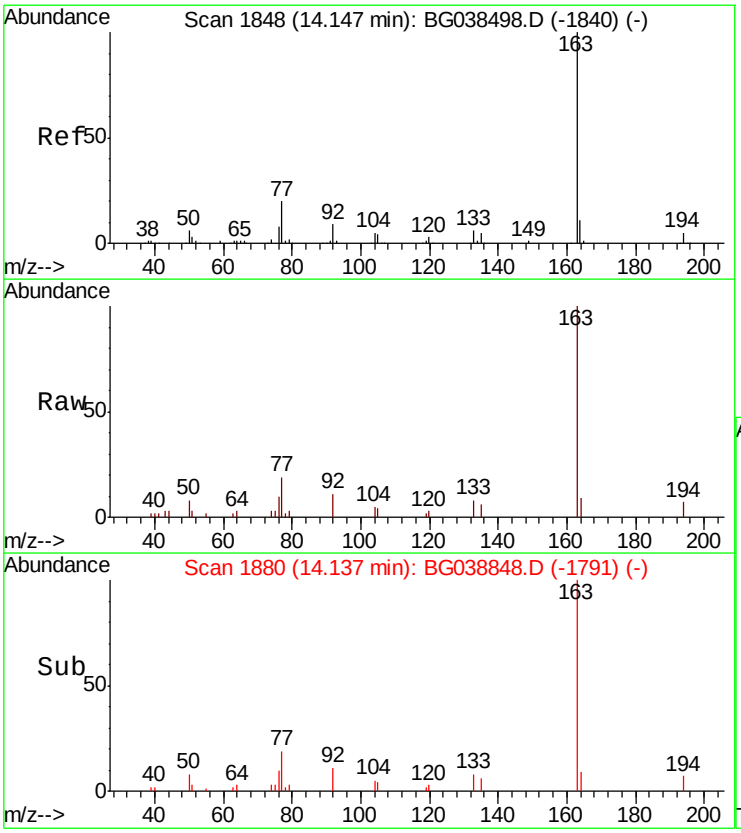
#45
2-Fluorobiphenyl
Concen: 90.018 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:172 Resp: 459858

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.6
170	24.4	19.5	29.3

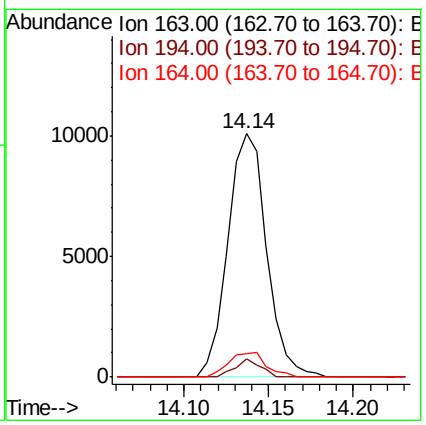


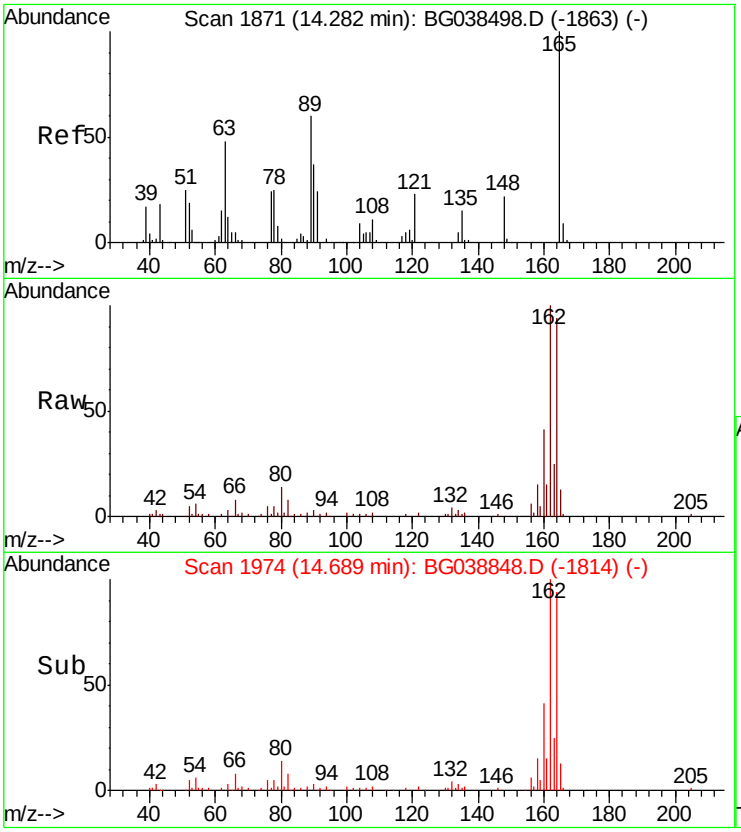


#50
Dimethylphthalate
Concen: 2.812 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Tgt Ion:163 Resp: 16096

Ion	Ratio	Lower	Upper
163	100		
194	7.5	3.7	5.5#
164	9.4	8.6	12.8



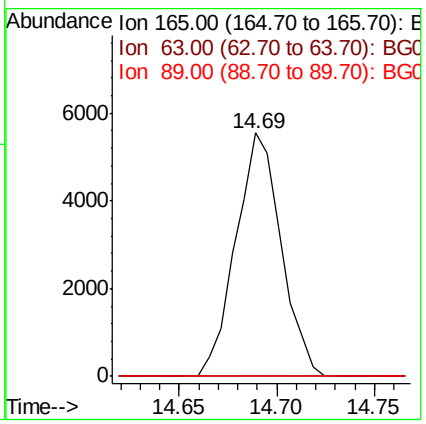


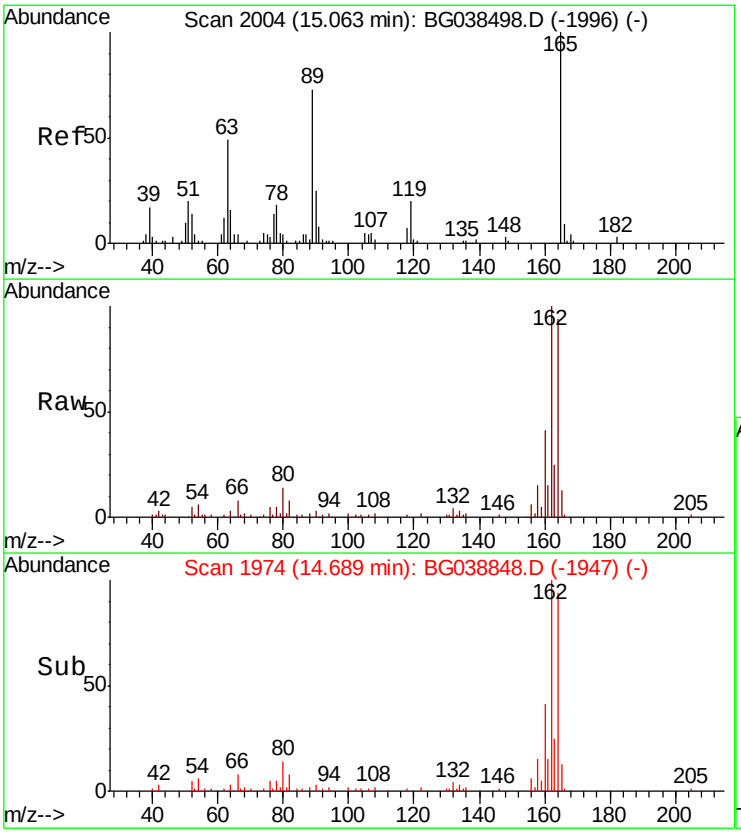
#51
2,6-Dinitrotoluene
Concen: 6.860 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.41 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:165 Resp: 8897

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#

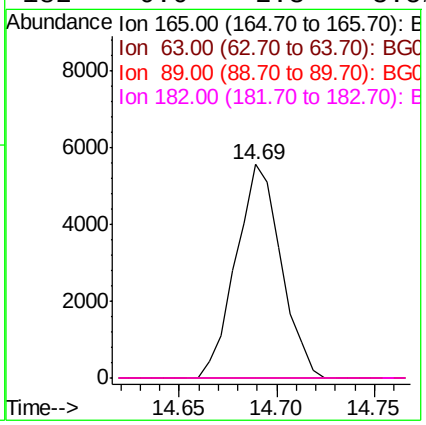


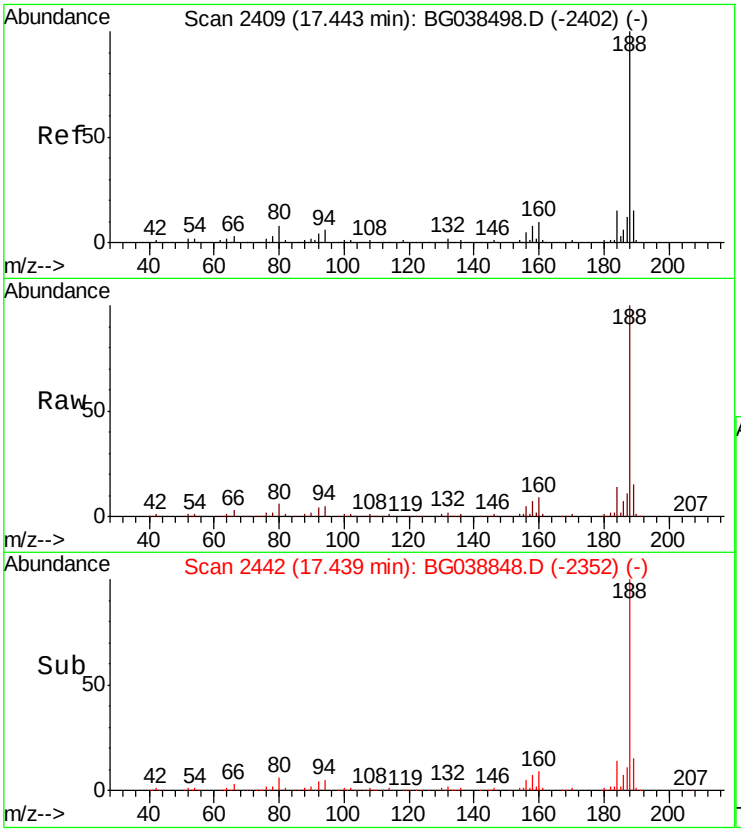


#57
2,4-Dinitrotoluene
Concen: 4.871 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.37 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Tgt Ion:165 Resp: 8897

Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#



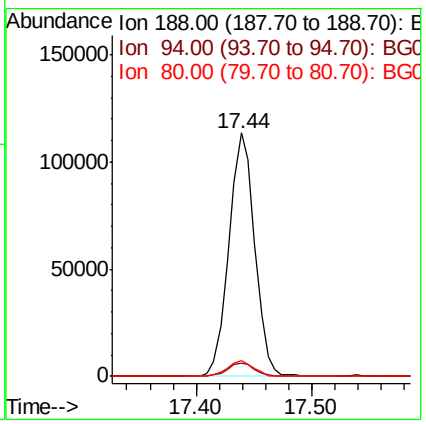


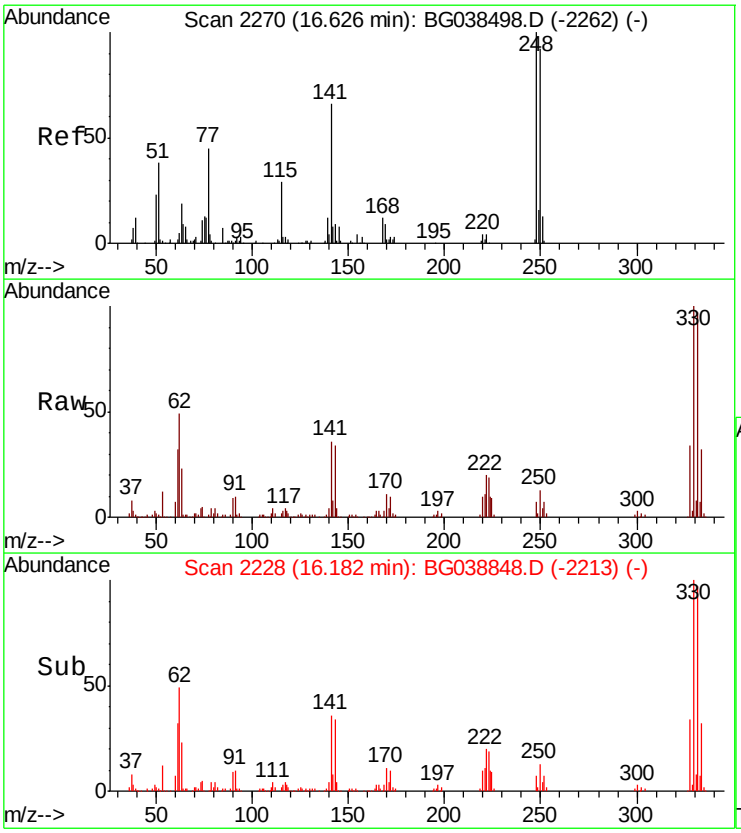
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:188 Resp: 175523

Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.1	7.7
80	6.5	6.1	9.1

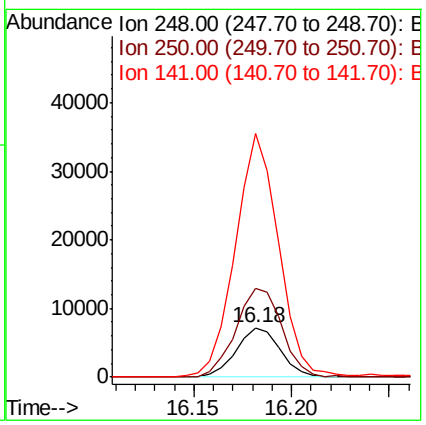


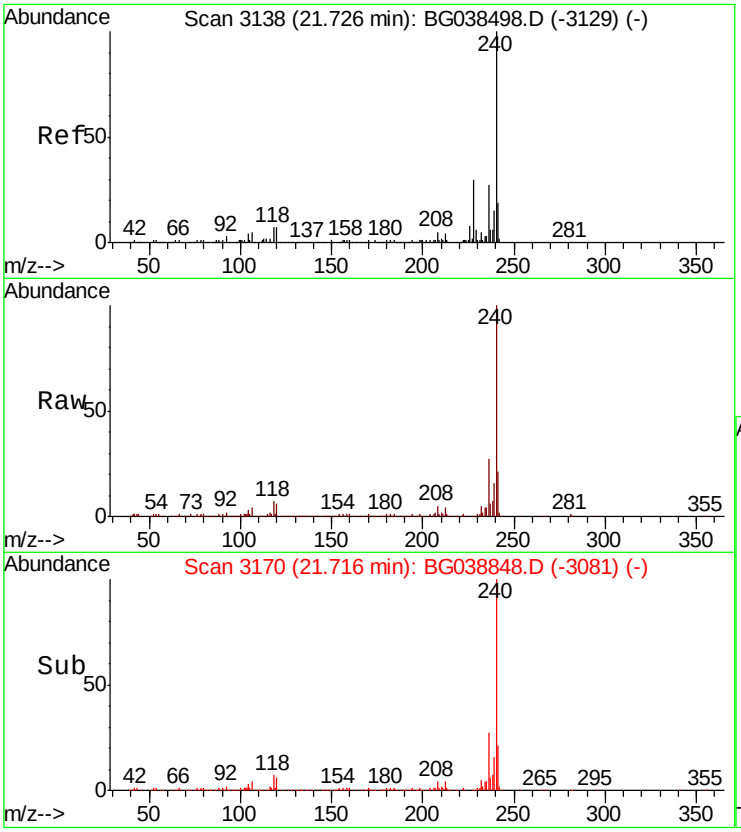


#67
4-Bromophenyl-phenylether
Concen: 5.176 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.44 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Tgt Ion:248 Resp: 11095

Ion	Ratio	Lower	Upper
248	100		
250	137.2	73.4	110.2#
141	378.1	52.9	79.3#



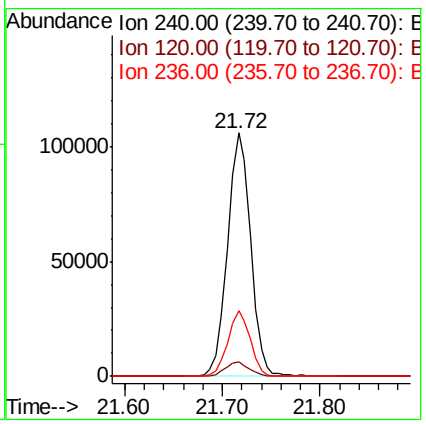


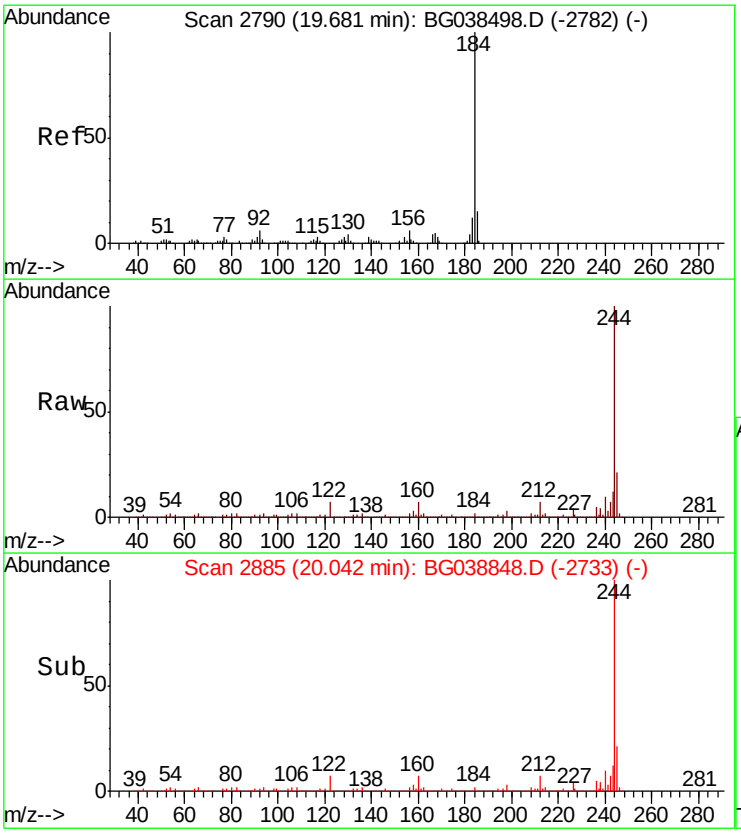
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:240 Resp: 174508

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.3	7.9
236	27.2	21.4	32.2

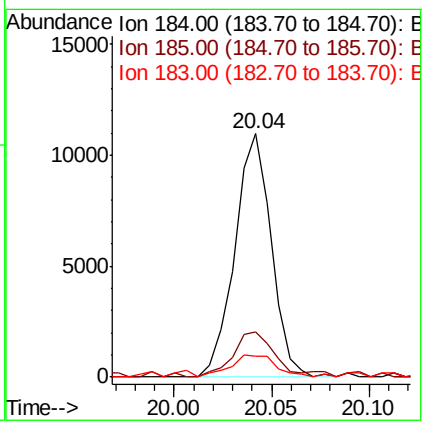


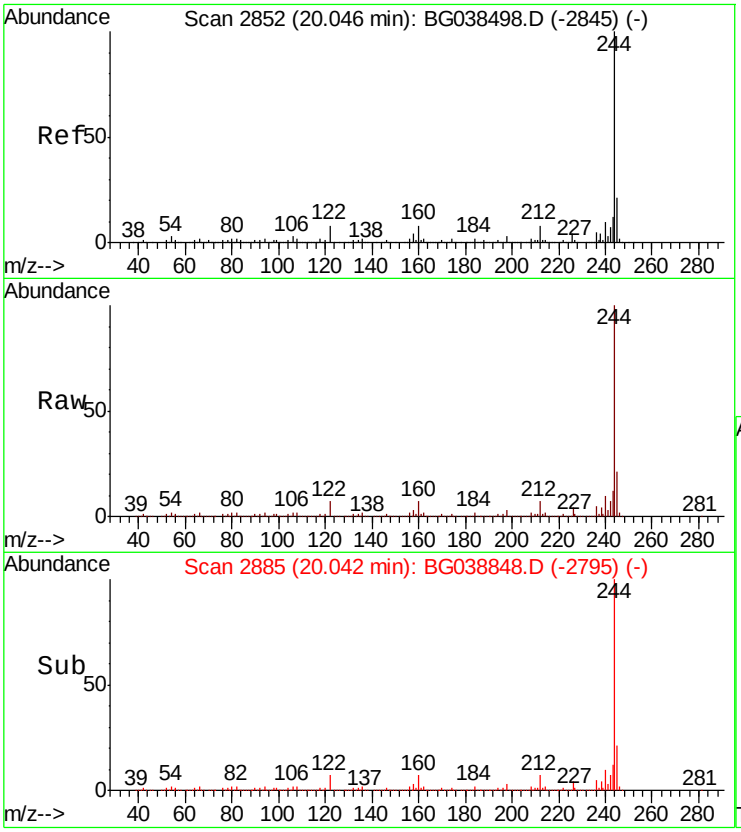


#77
Benzidine
Concen: 2.750 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.36 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Tgt Ion:184 Resp: 14191

Ion	Ratio	Lower	Upper
184	100		
185	18.5	12.2	18.2#
183	8.6	9.6	14.4#



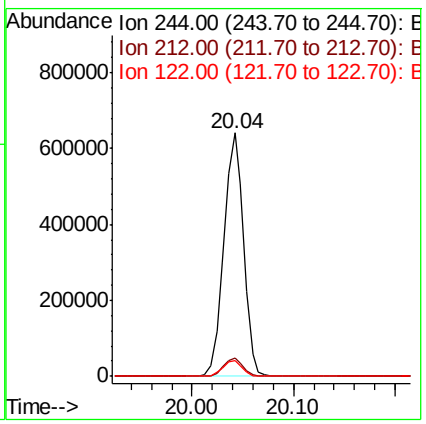


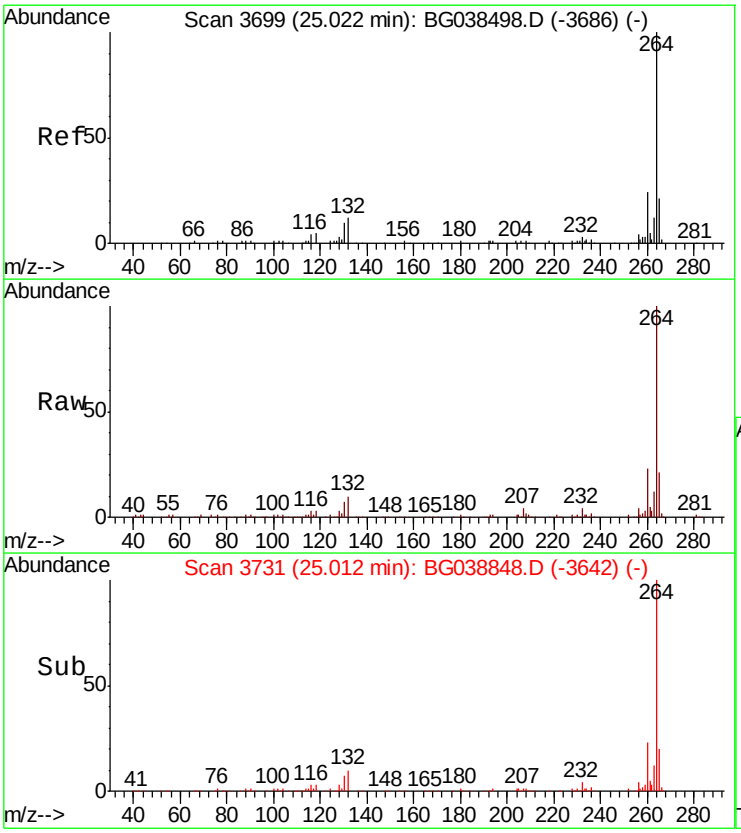
#79
Terphenyl-d14
Concen: 107.451 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:244 Resp: 861592

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	6.7	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG038848.D
Acq: 27 Dec 2018 18:01

Tgt Ion:264 Resp: 190143

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.9	28.3
265	20.5	17.0	25.4