Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038661.D
Acq On : 17 Dec 2018 13:45
Operator : JU/SJ
Sample : J6378-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SD007-0612-01

Quant Time: Dec 18 02:56:31 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	18319	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	71286	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	48331	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	132568	20.00	ng		0.00
76) Chrysene-d12	21.73	240	147905	20.00	ng		0.00
87) Perylene-d12	25.02	264	156682	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	146950	142.28	ng		0.00
7) Phenol-d6	7.21	99	196506	138.59	ng		0.00
23) Nitrobenzene-d5	9.23	82	128609	92.17	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	89685	134.64	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	250341	71.06	ng		0.00
79) Terphenyl-d14	20.04	244	492073	72.41	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	12104	8.035	ng		86
19) n-Nitroso-di-n-propylamine	9.24	70	16775	16.845	ng	#	66
50) Dimethylphthalate	14.14	163	15899	4.028	ng	#	96
51) 2,6-Dinitrotoluene	14.70	165	6127	6.850	ng	#	19
57) 2,4-Dinitrotoluene	14.70	165	6127	4.864	ng	#	21
67) 4-Bromophenyl-phenylether	16.18	248	6264	3.869	ng	#	1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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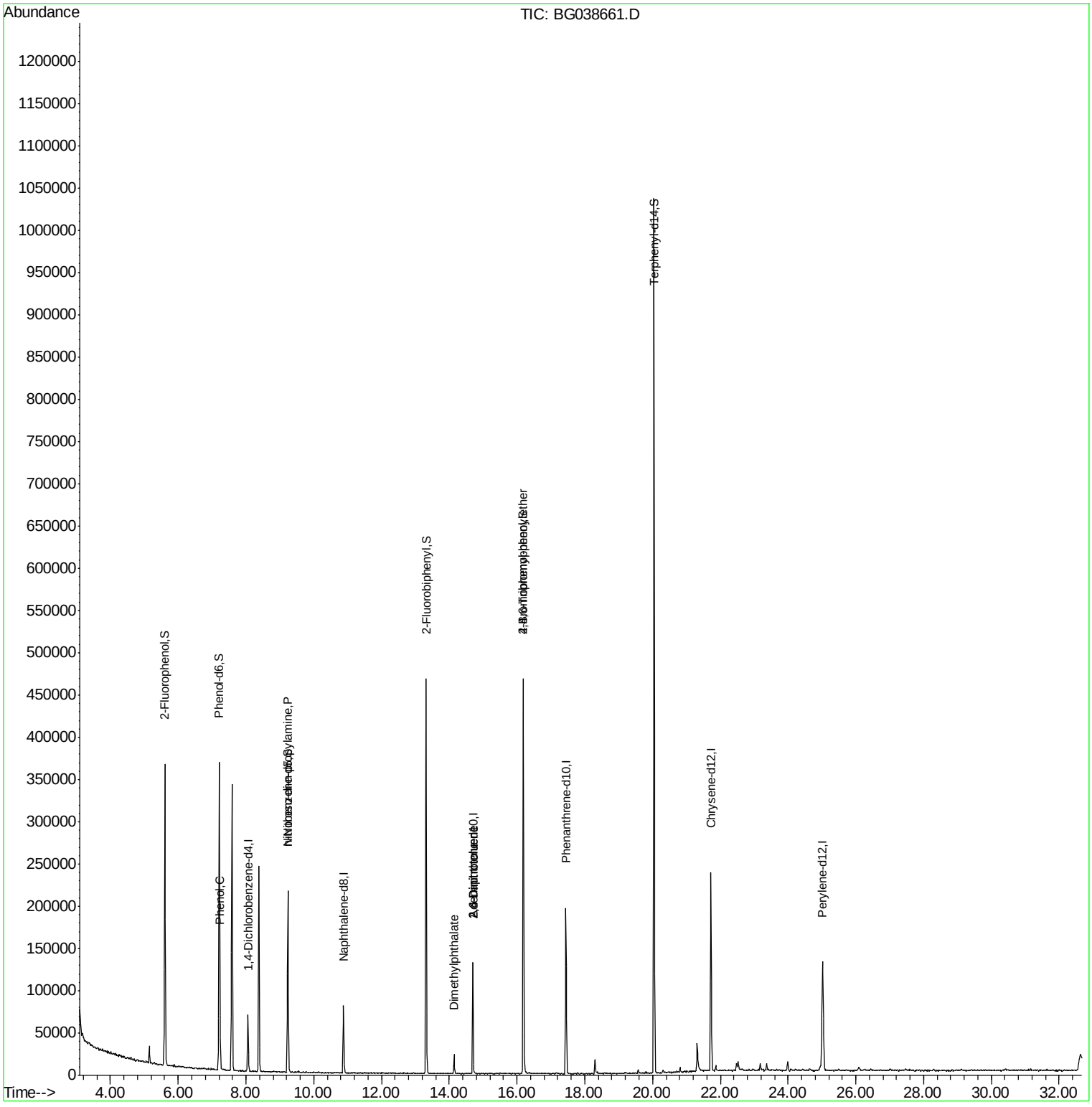
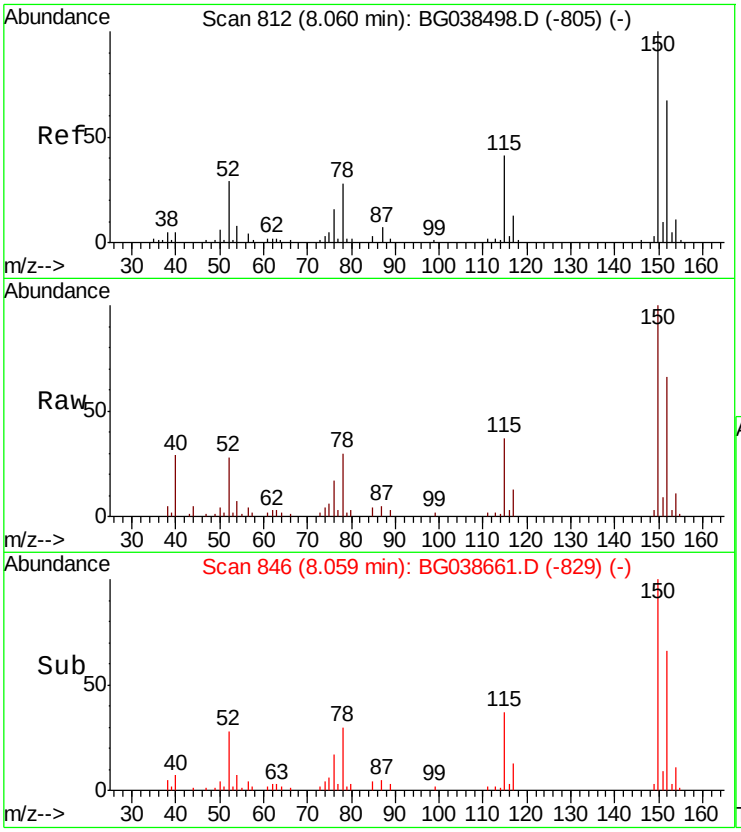


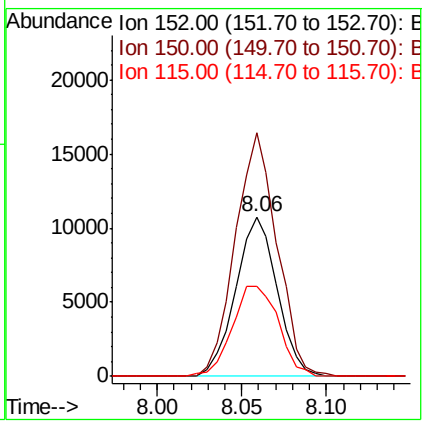


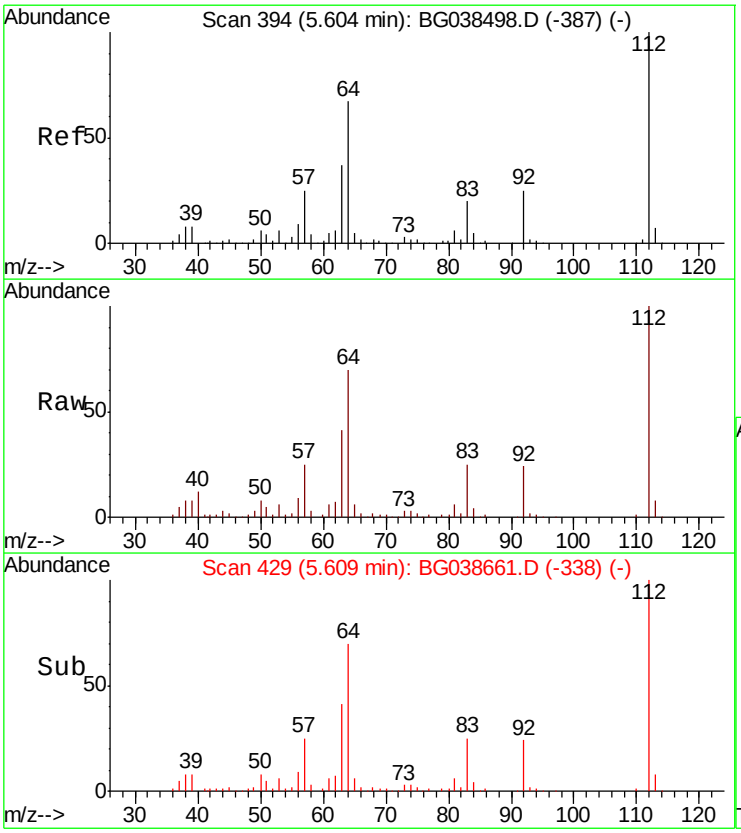
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Instrument :
BNA_G
ClientSampleId :
P001-SD007-0612-01

Tgt Ion:152 Resp: 18319

Ion	Ratio	Lower	Upper
152	100		
150	152.5	119.5	179.3
115	56.1	49.6	74.4

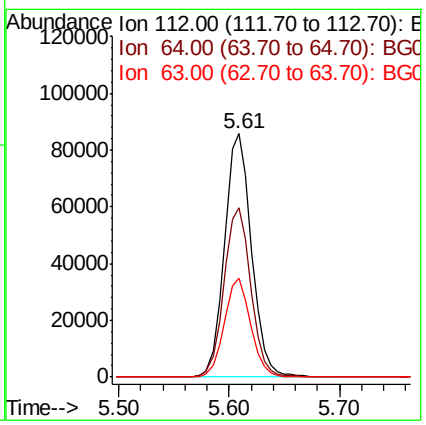


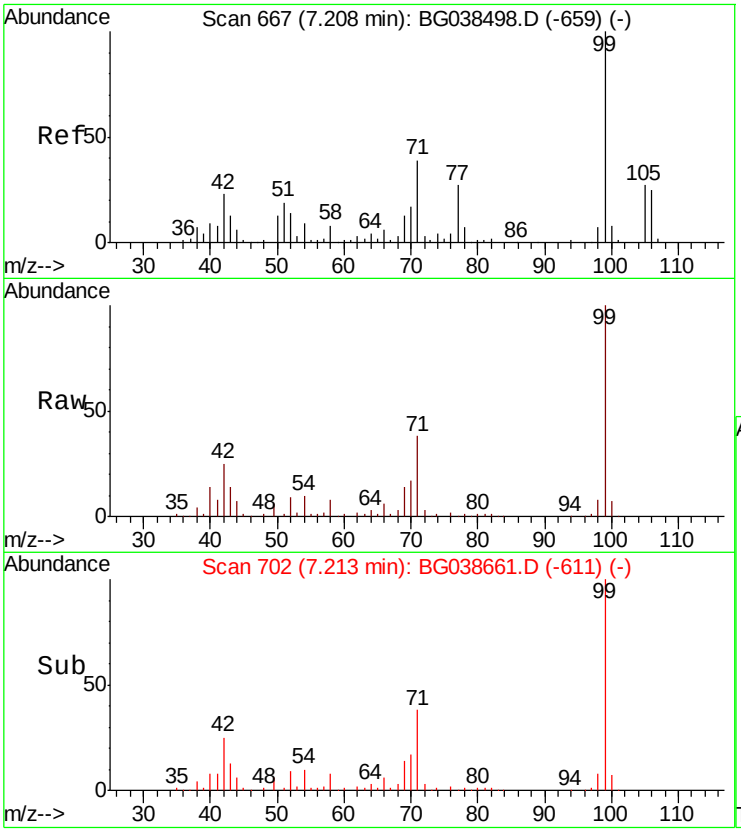


#5
2-Fluorophenol
Concen: 142.278 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Tgt Ion:112 Resp: 146950

Ion	Ratio	Lower	Upper
112	100		
64	69.8	53.4	80.2
63	40.9	29.3	43.9



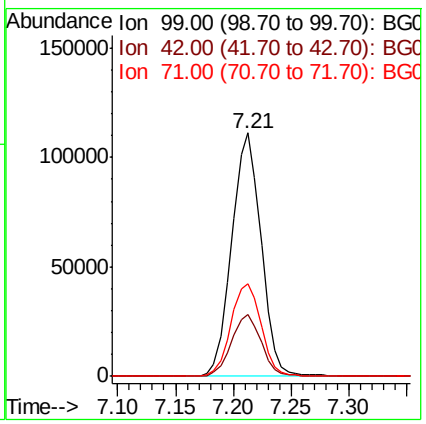


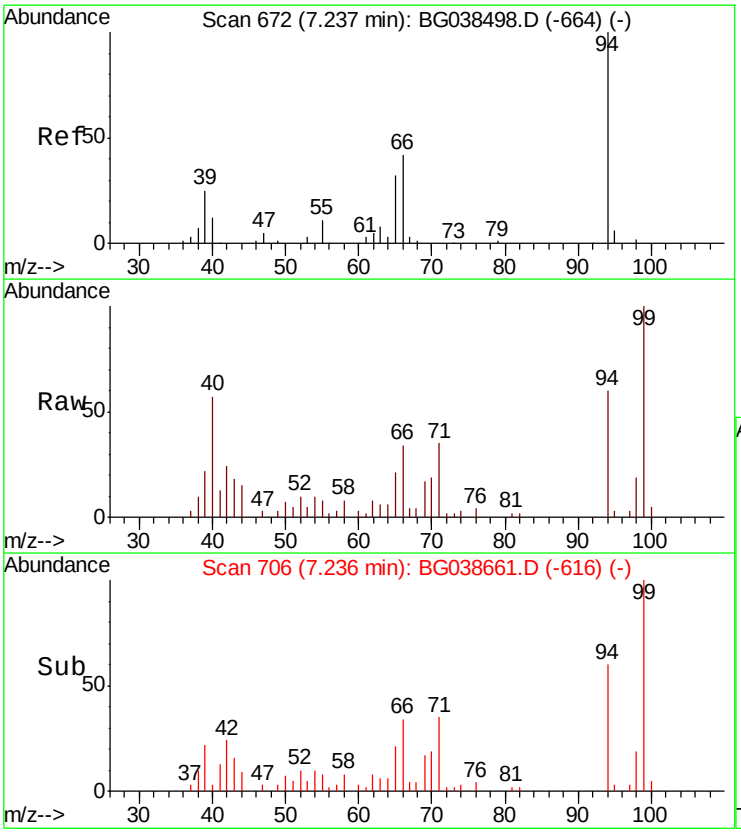
#7
Phenol-d6
Concen: 138.590 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Instrument :
BNA_G
ClientSampleId :
P001-SD007-0612-01

Tgt Ion: 99 Resp: 196506

Ion	Ratio	Lower	Upper
99	100		
42	25.4	18.5	27.7
71	37.9	31.1	46.7

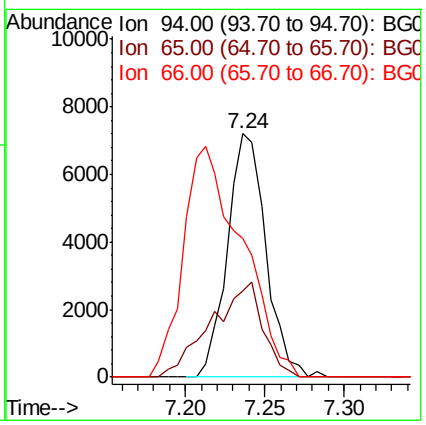


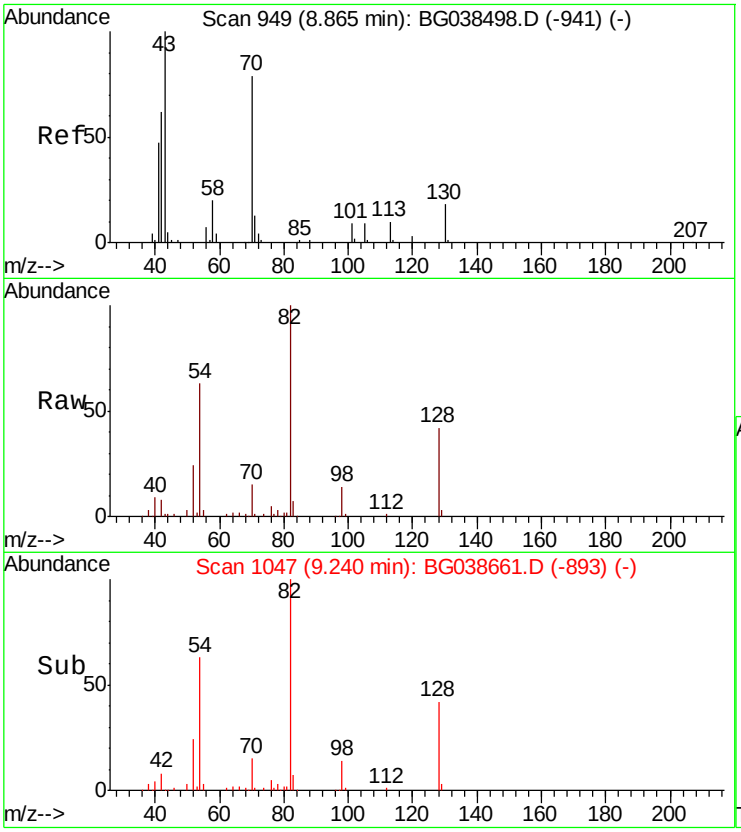


#10
Phenol
Concen: 8.035 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.00 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Tgt Ion: 94 Resp: 12104

Ion	Ratio	Lower	Upper
94	100		
65	35.4	12.6	52.6
66	57.2	24.1	64.1



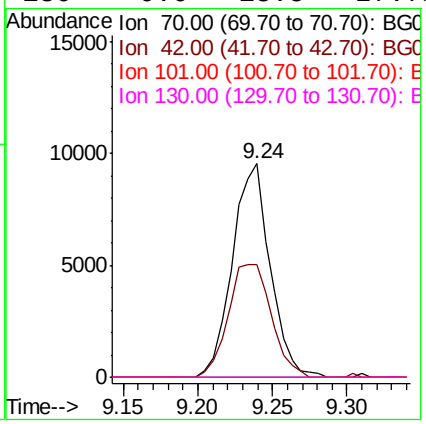


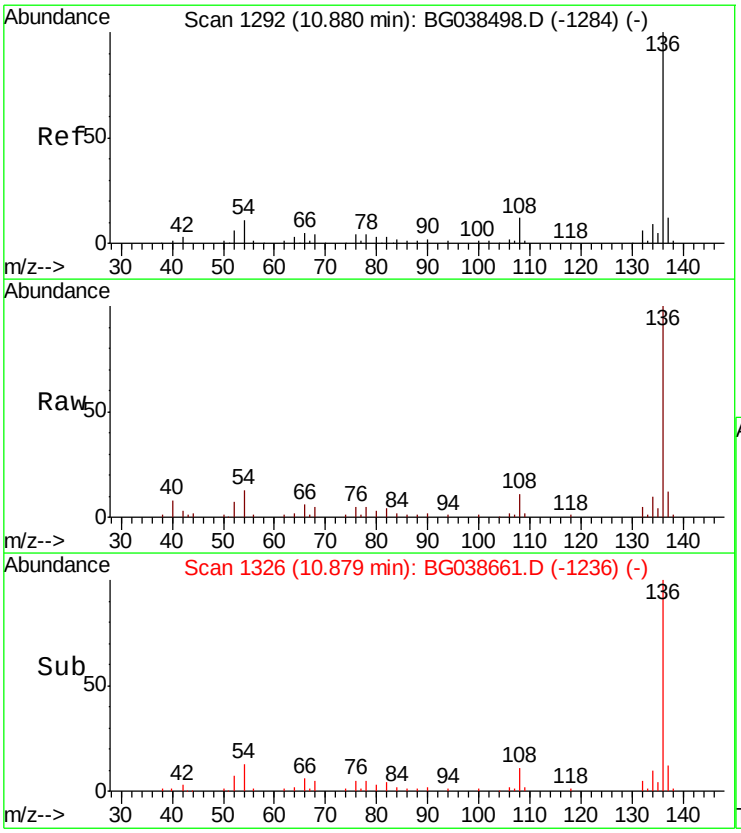
#19
n-Nitroso-di-n-propylamine
Concen: 16.845 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.38 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Instrument :
BNA_G
ClientSampleId :
P001-SD007-0612-01

Tgt Ion: 70 Resp: 16775

Ion	Ratio	Lower	Upper
70	100		
42	52.9	63.6	95.4#
101	0.0	9.2	13.8#
130	0.0	18.5	27.7#

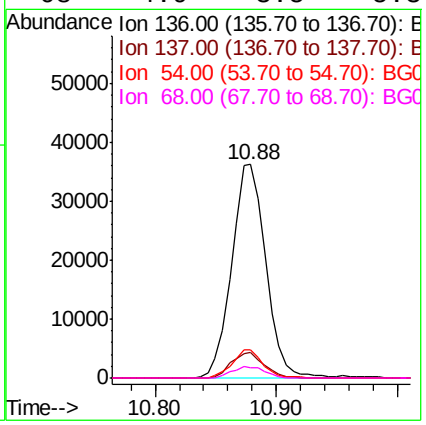


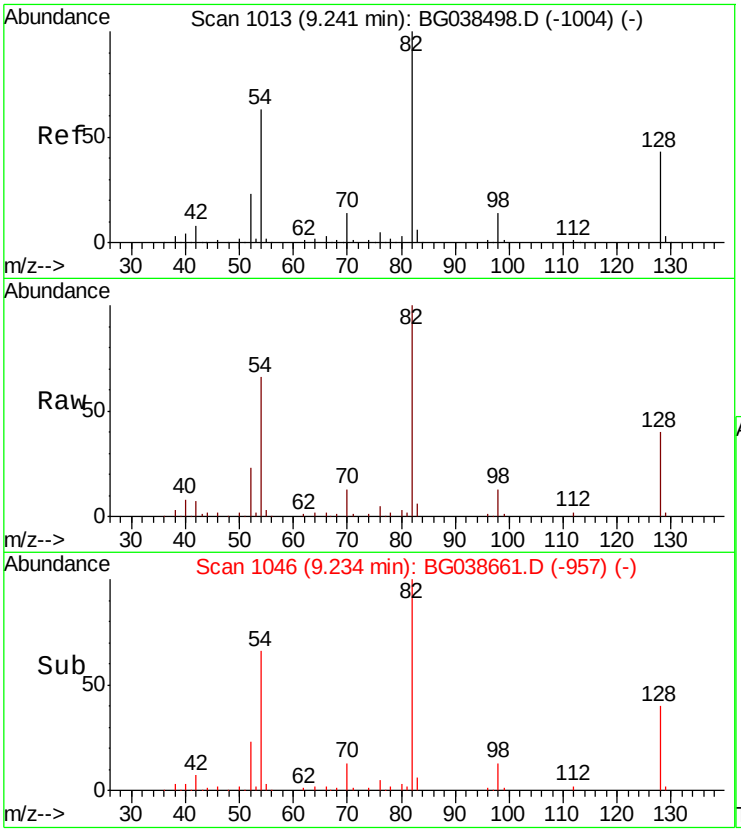


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Tgt Ion:136 Resp: 71286

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	13.4	8.5	12.7#
68	4.9	3.5	5.3



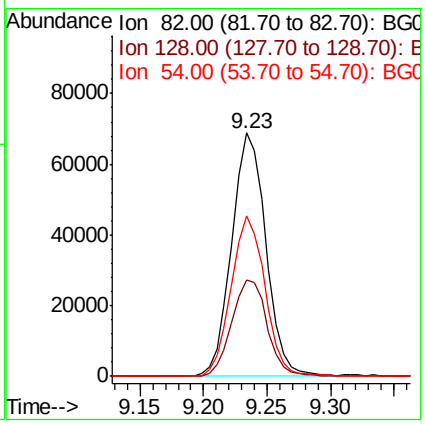


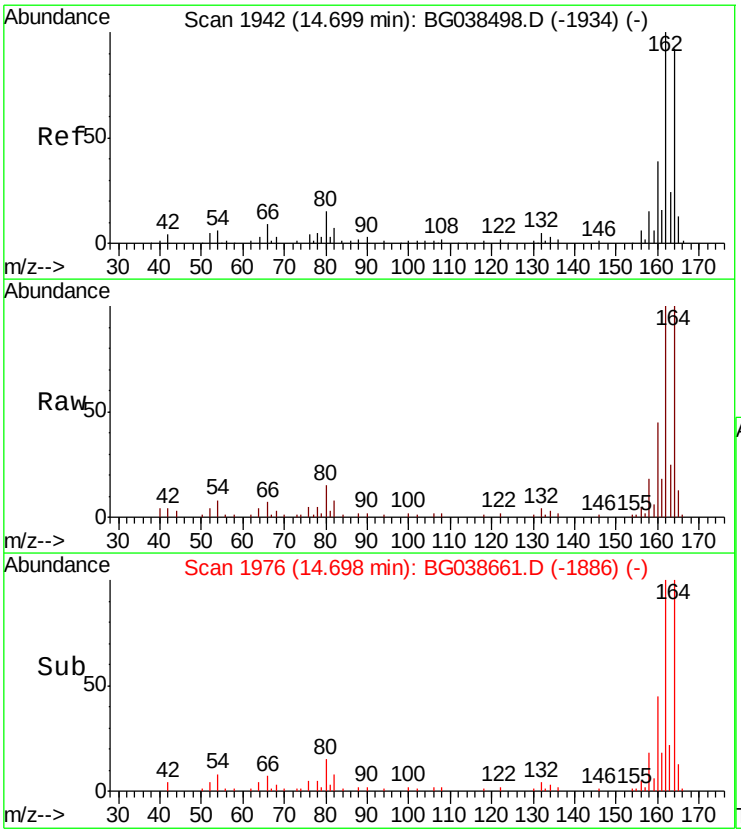
#23
Nitrobenzene-d5
Concen: 92.168 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Instrument :
BNA_G
ClientSampleId :
P001-SD007-0612-01

Tgt Ion: 82 Resp: 128609

Ion	Ratio	Lower	Upper
82	100		
128	39.7	34.6	52.0
54	65.8	50.6	76.0

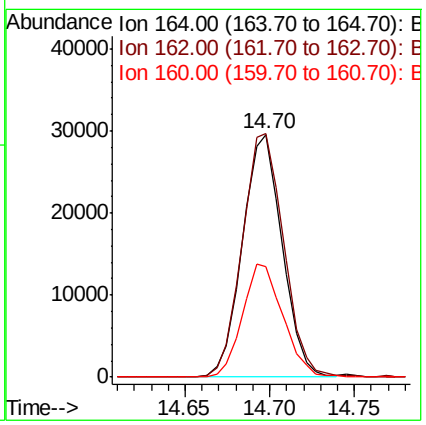


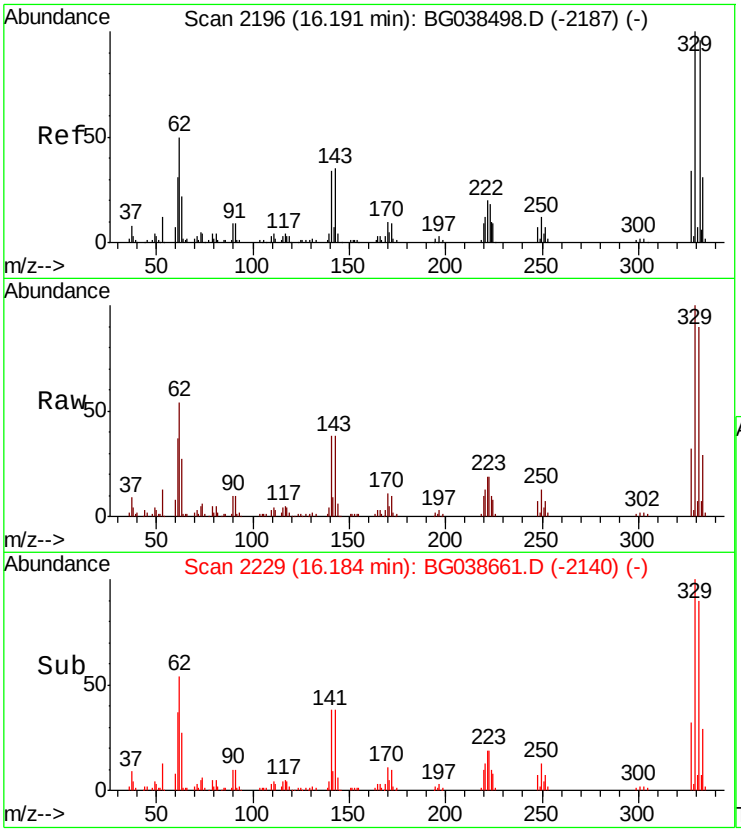


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Tgt Ion:164 Resp: 48331

Ion	Ratio	Lower	Upper
164	100		
162	100.4	86.6	130.0
160	45.3	34.2	51.2



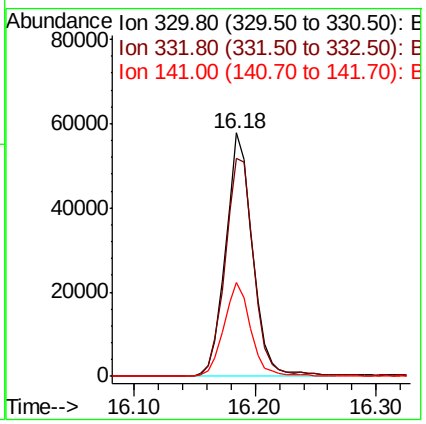


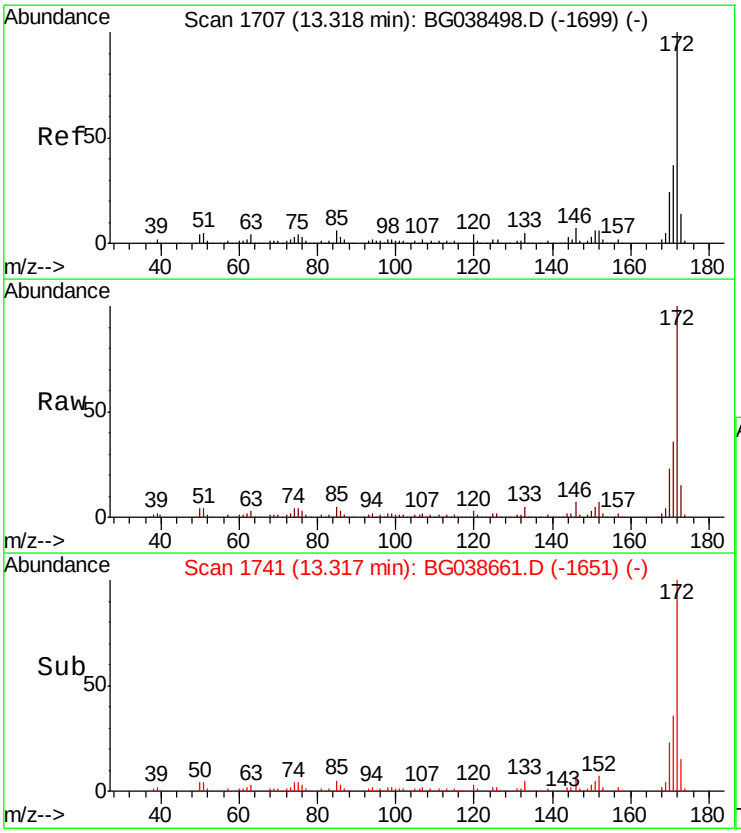
#42
2,4,6-Tribromophenol
Concen: 134.644 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Instrument :
BNA_G
ClientSampleId :
P001-SD007-0612-01

Tgt Ion:330 Resp: 89685

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.9	115.3
141	38.2	28.8	43.2

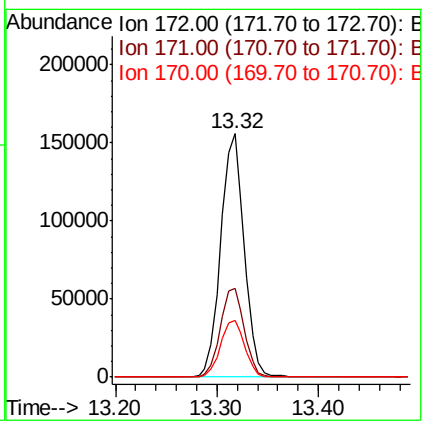


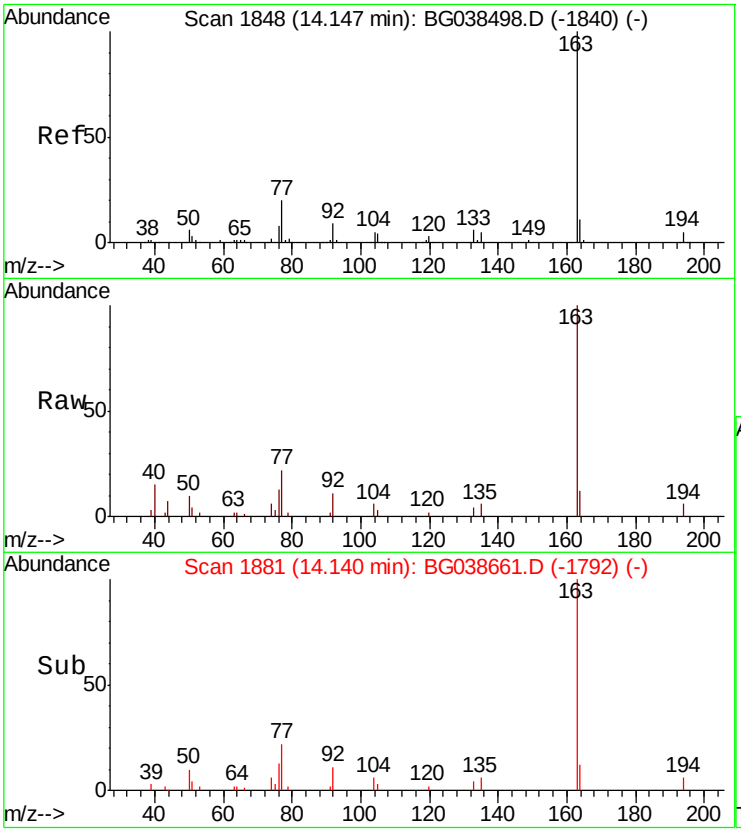


#45
2-Fluorobiphenyl
Concen: 71.058 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Tgt Ion:172 Resp: 250341

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.6
170	23.4	19.5	29.3



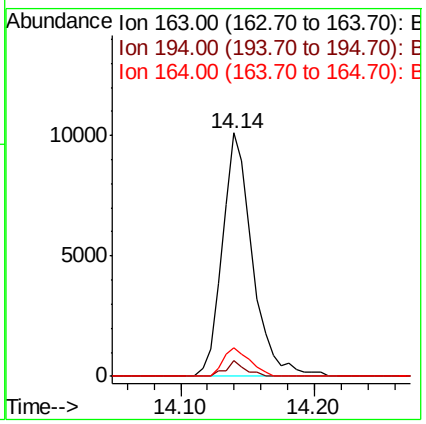


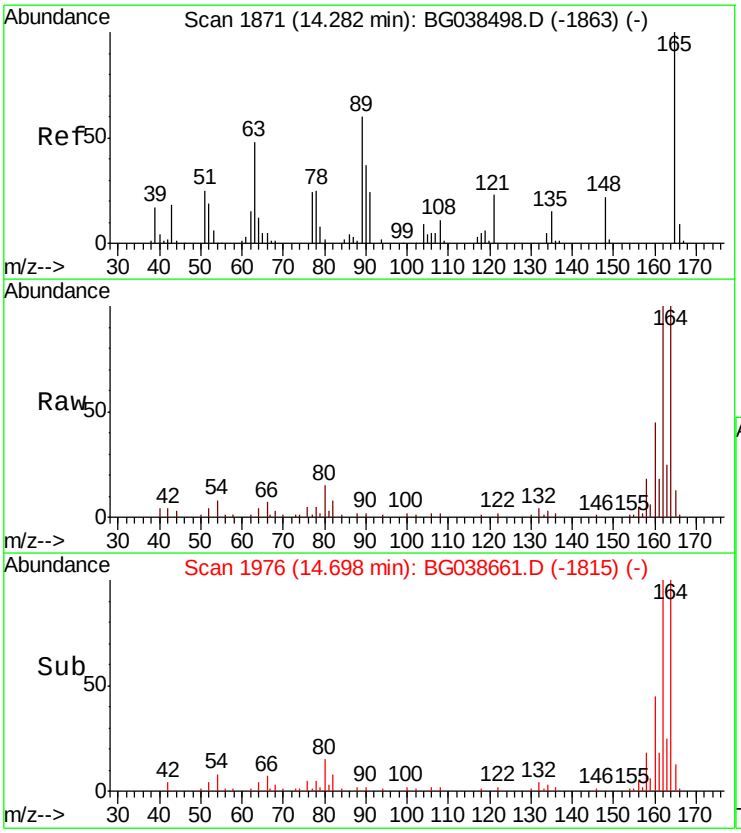
#50
Dimethylphthalate
Concen: 4.028 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Instrument :
BNA_G
ClientSampleId :
P001-SD007-0612-01

Tgt Ion:163 Resp: 15899

Ion	Ratio	Lower	Upper
163	100		
194	6.5	3.7	5.5#
164	11.7	8.6	12.8

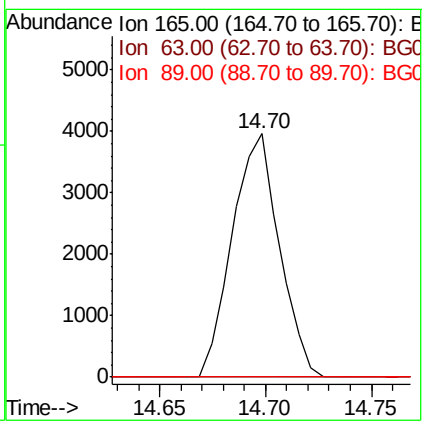


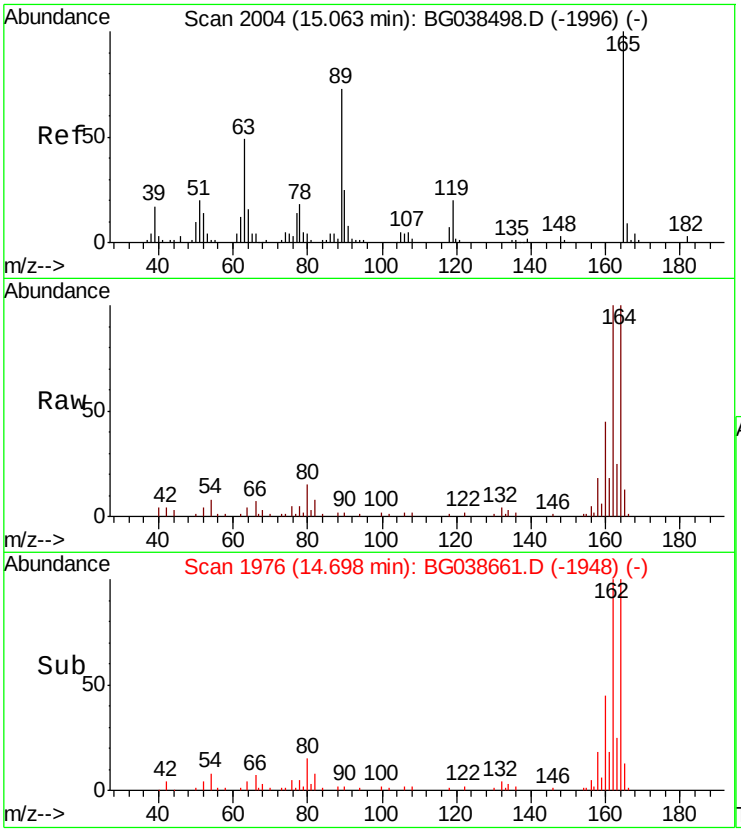


#51
2,6-Dinitrotoluene
Concen: 6.850 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.42 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Tgt Ion:165 Resp: 6127

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



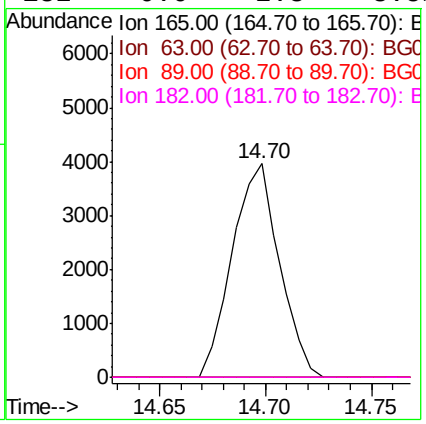


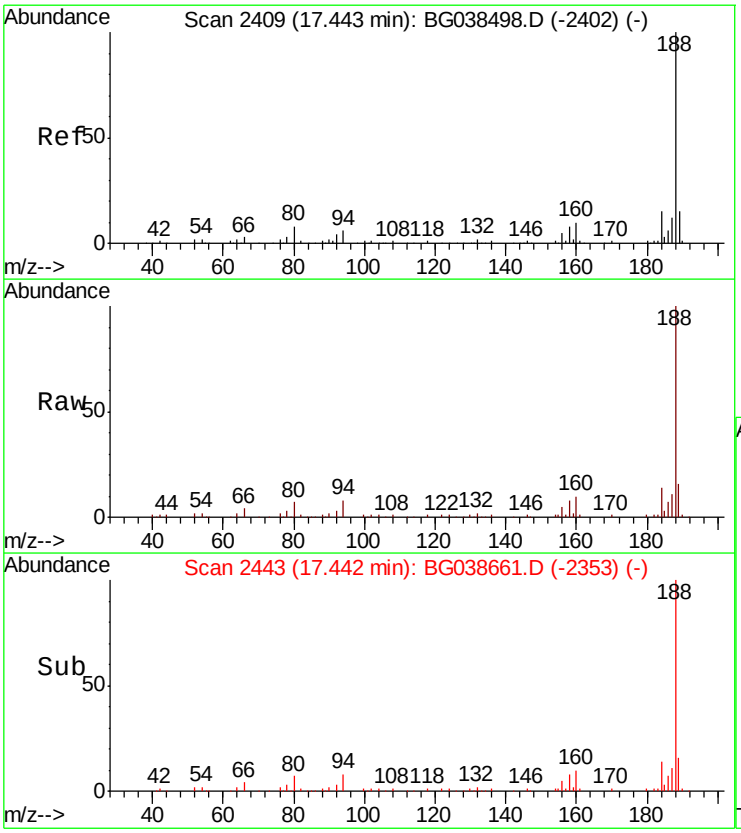
#57
2,4-Dinitrotoluene
Concen: 4.864 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.37 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Instrument :
BNA_G
ClientSampleId :
P001-SD007-0612-01

Tgt Ion:165 Resp: 6127

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#

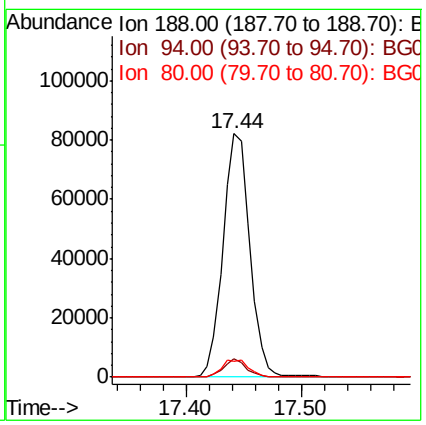


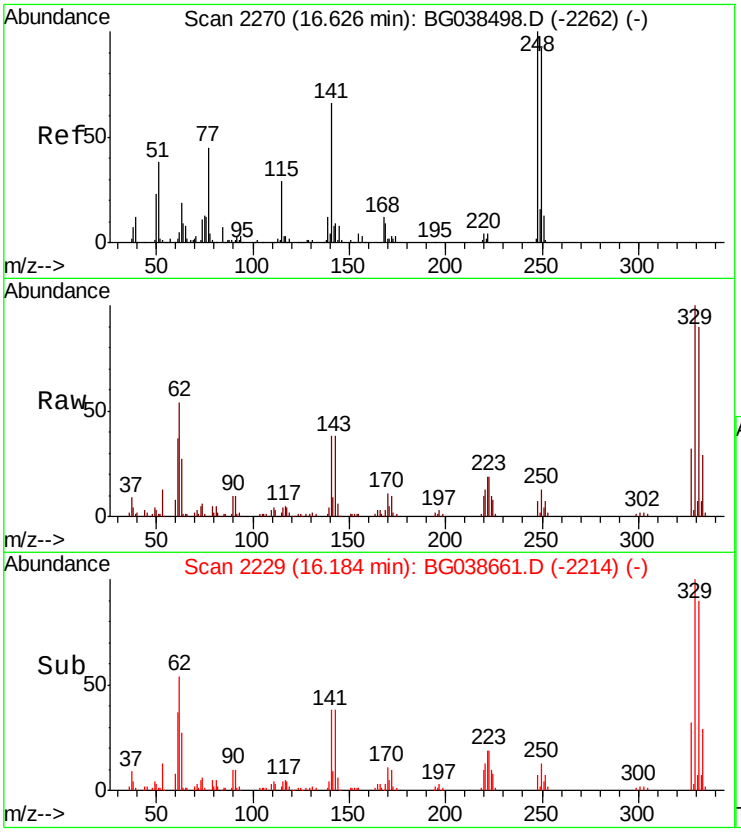


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Tgt Ion:188 Resp: 132568

Ion	Ratio	Lower	Upper
188	100		
94	7.6	5.1	7.7
80	6.7	6.1	9.1



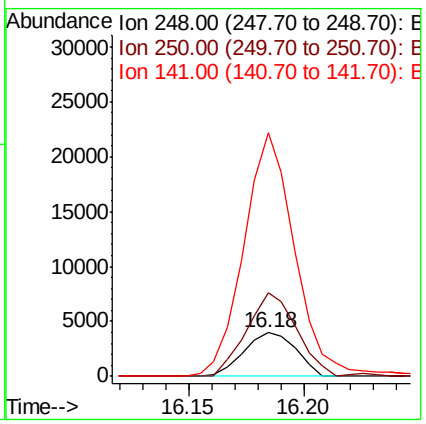


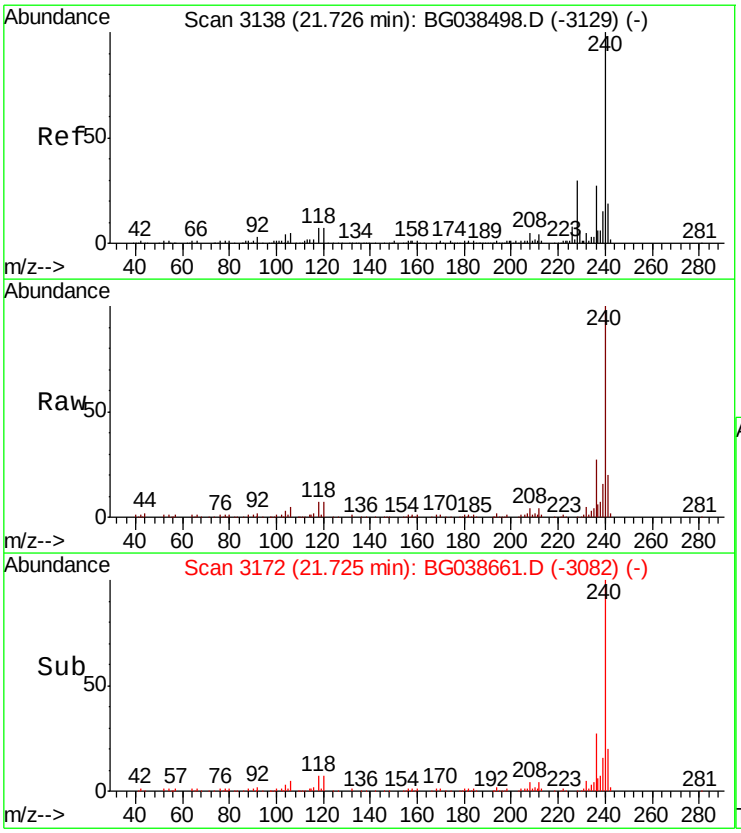
#67
4-Bromophenyl-phenylether
Concen: 3.869 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Instrument :
BNA_G
ClientSampleId :
P001-SD007-0612-01

Tgt Ion:248 Resp: 6264

Ion	Ratio	Lower	Upper
248	100		
250	199.8	73.4	110.2#
141	439.5	52.9	79.3#

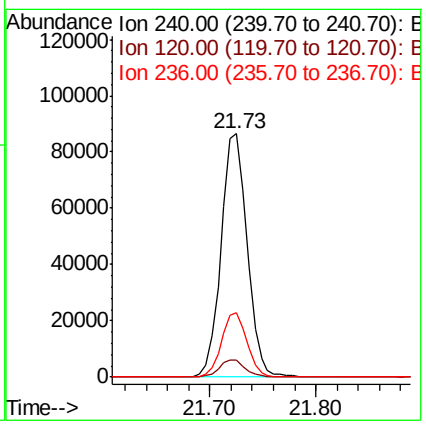


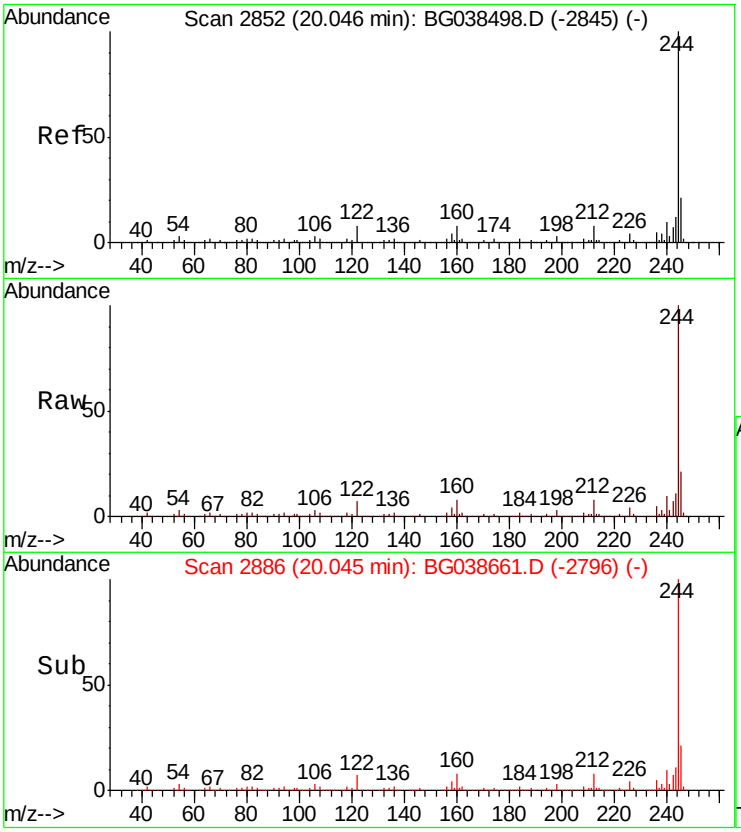


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Tgt Ion:240 Resp: 147905

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.3	7.9
236	26.6	21.4	32.2



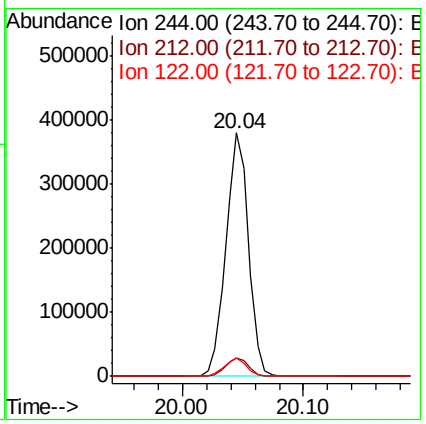


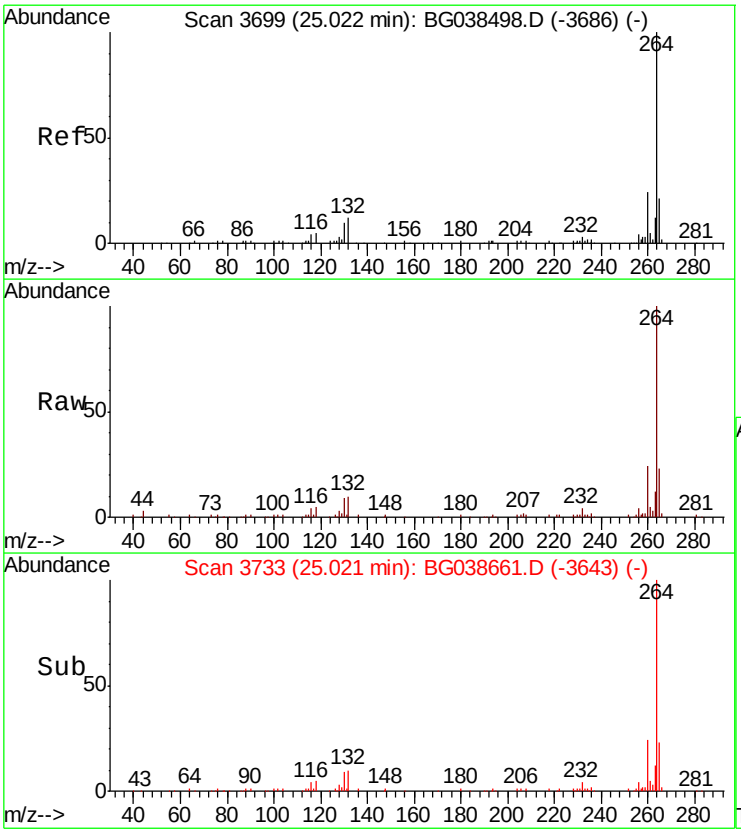
#79
Terphenyl-d14
Concen: 72.406 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Instrument :
BNA_G
ClientSampleId :
P001-SD007-0612-01

Tgt Ion:244 Resp: 492073

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	7.4	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Tgt Ion:264 Resp: 156682

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	22.8	17.0	25.4