Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
Data File : BG037970.D
Acq On : 13 Nov 2018 7:54
Operator : JU/SJ
Sample : J5904-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 13 11:38:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	56282	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	262669	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	172106	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	369399	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	321567	20.00	ng	-0.02
87) Perylene-d12	25.09	264	272701	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	153812	45.69	ng	-0.01
7) Phenol-d6	7.23	99	138512	27.21	ng	-0.02
23) Nitrobenzene-d5	9.27	82	481805	102.75	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	164056	87.40	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	1117897	97.95	ng	-0.02
79) Terphenyl-d14	20.07	244	1348468	89.60	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.27	70	60300	17.202	ng	# 75
51) 2,6-Dinitrotoluene	14.73	165	21934	7.447	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	21934	5.673	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	476	8.710	ng	88
67) 4-Bromophenyl-phenylether	16.21	248	11833	2.917	ng	# 1
77) Benzidine	20.07	184	22462	2.054	ng	# 93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
Data File : BG037970.D
Acq On : 13 Nov 2018 7:54
Operator : JU/SJ
Sample : J5904-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 13 11:38:23 2018
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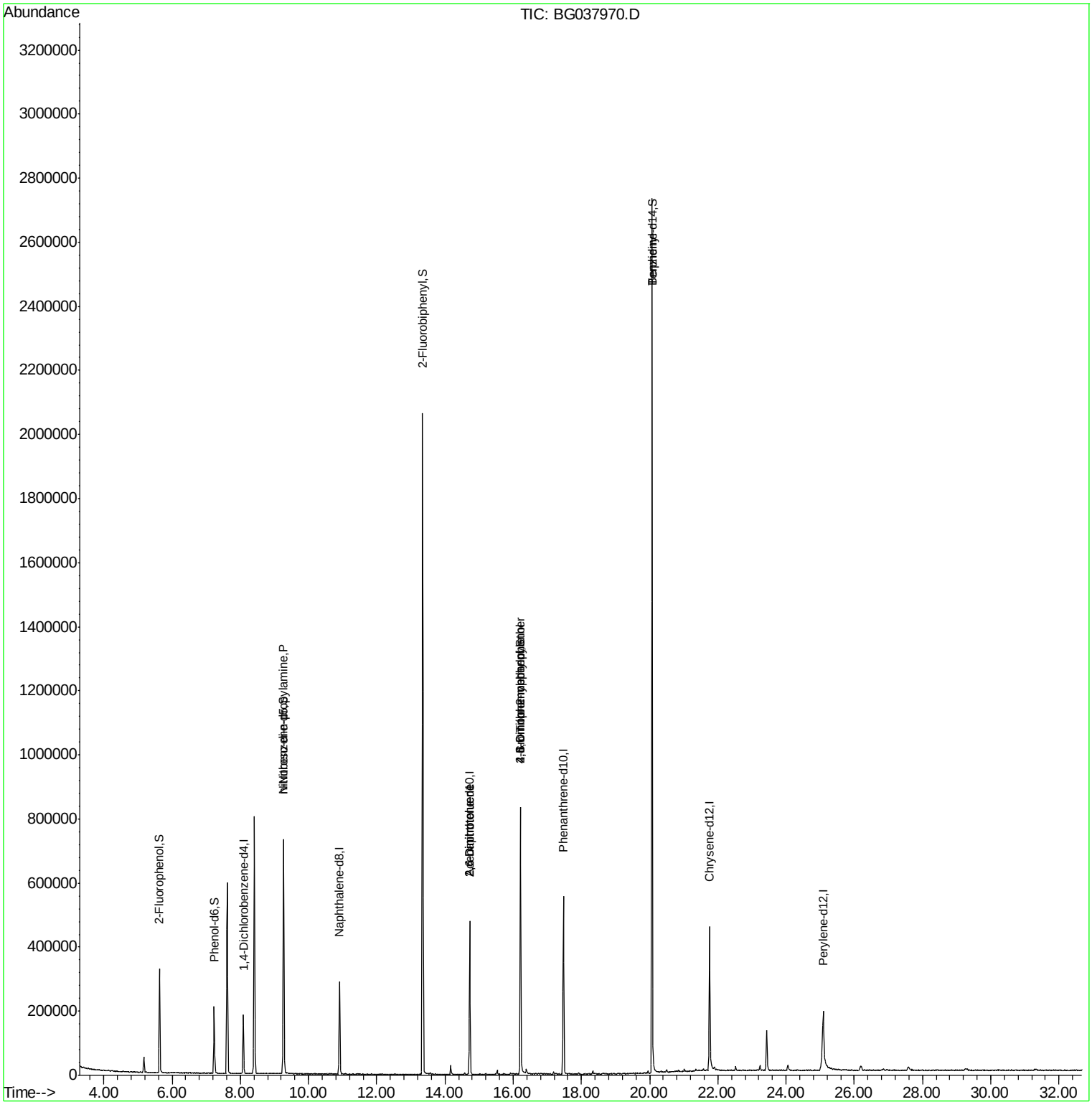
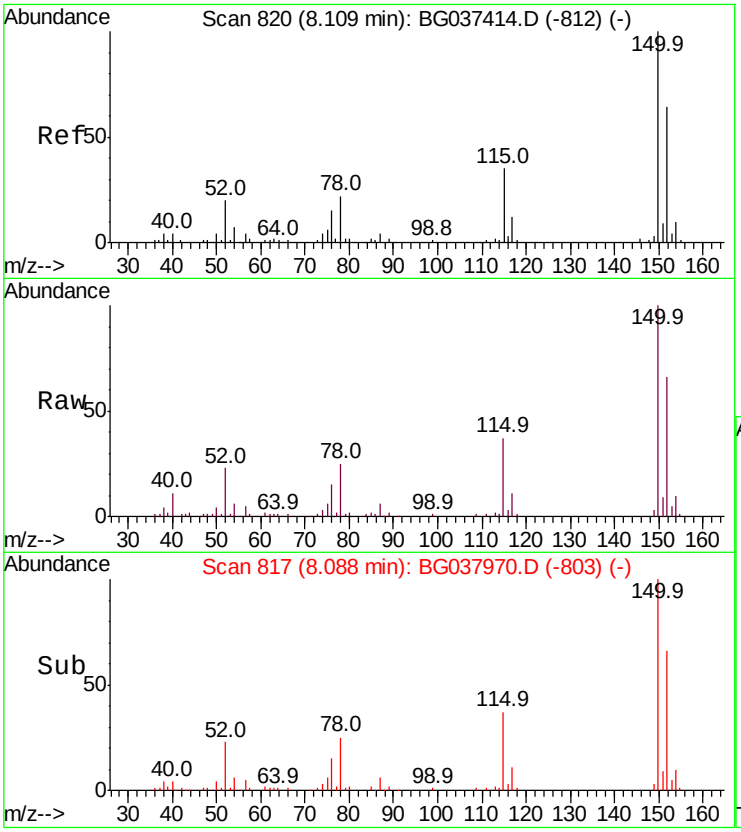
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration



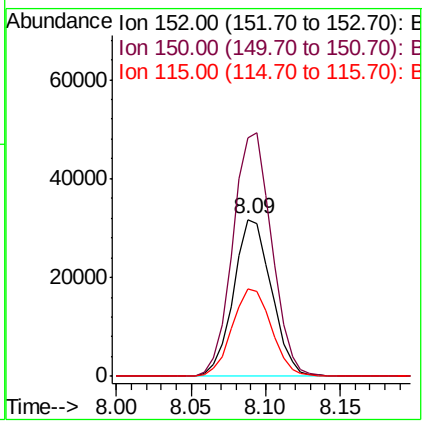


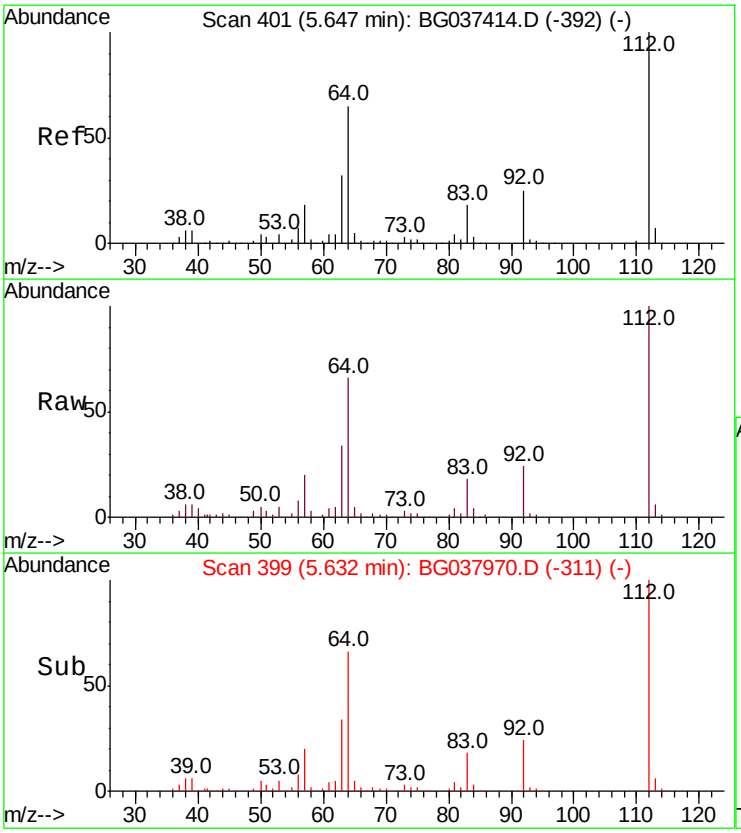
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 56282

Ion	Ratio	Lower	Upper
152	100		
150	151.4	126.0	189.0
115	56.1	45.5	68.3

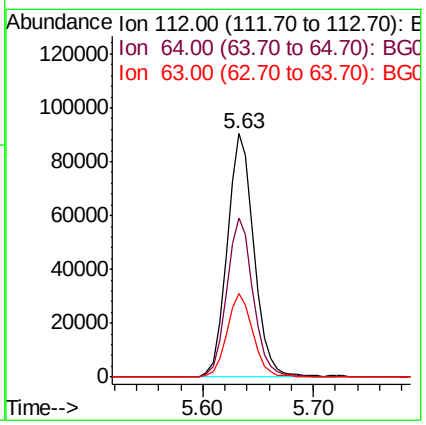


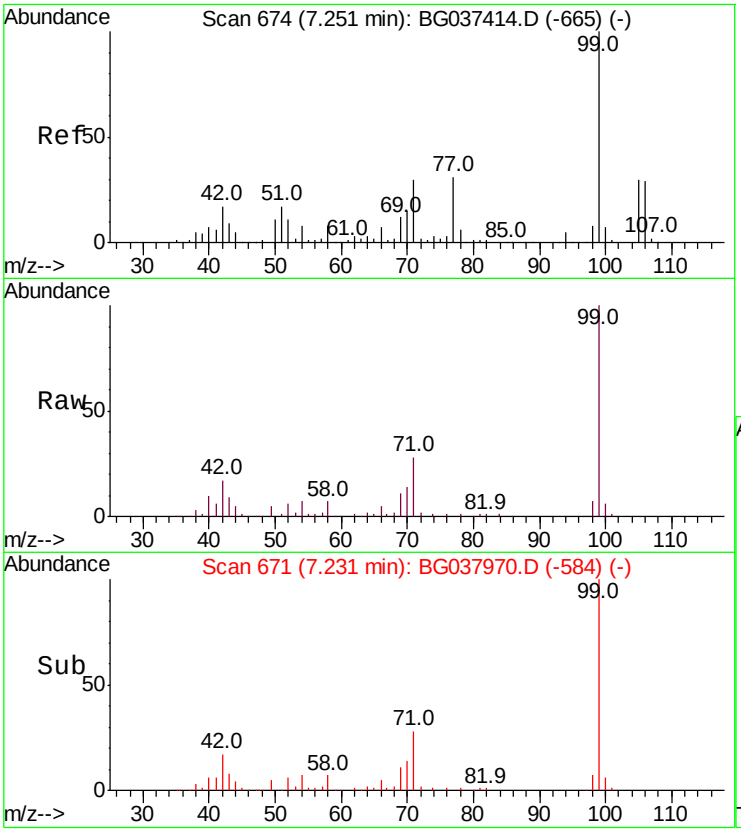


#5
2-Fluorophenol
Concen: 45.690 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

Tgt Ion:112 Resp: 153812

Ion	Ratio	Lower	Upper
112	100		
64	65.6	53.1	79.7
63	34.4	27.3	40.9



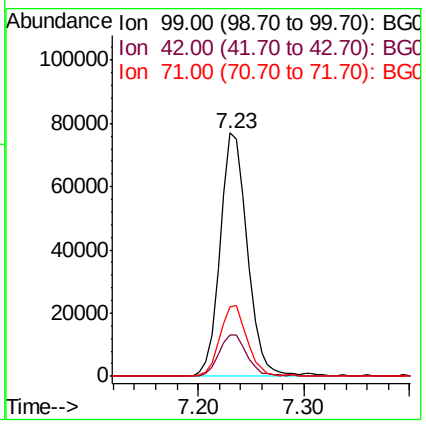


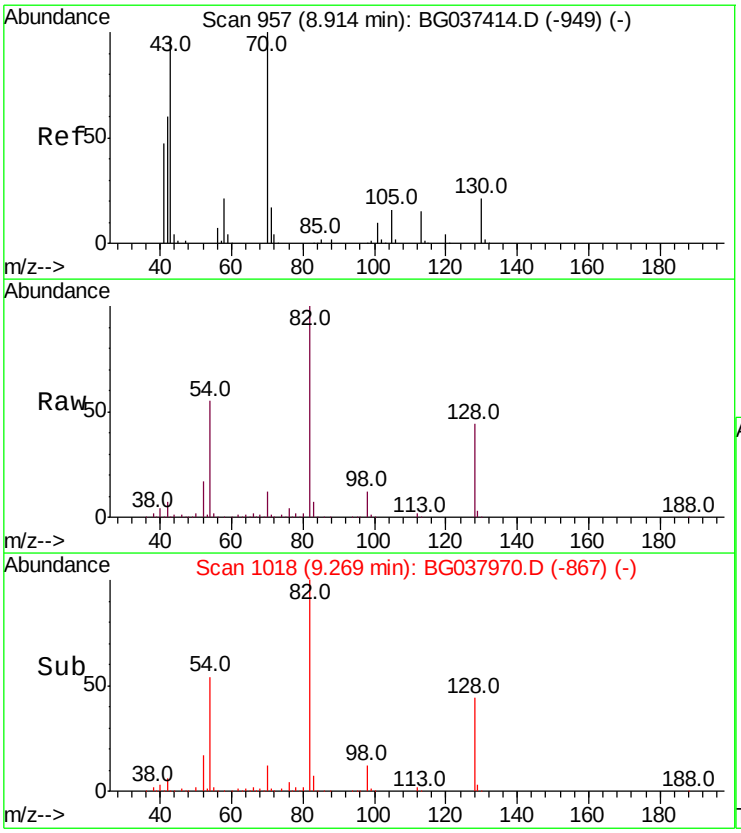
#7
Phenol-d6
Concen: 27.210 ng
RT: 7.23 min Scan# 671
Delta R.T. -0.02 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 138512

Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.0	22.4
71	28.4	25.5	38.3

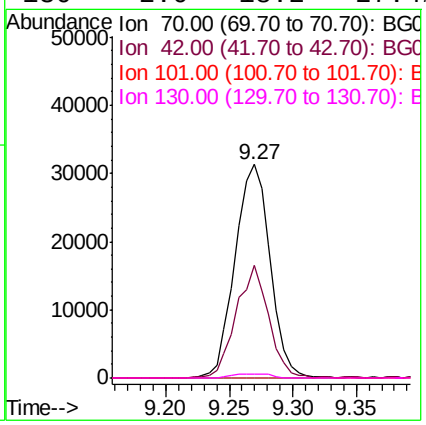


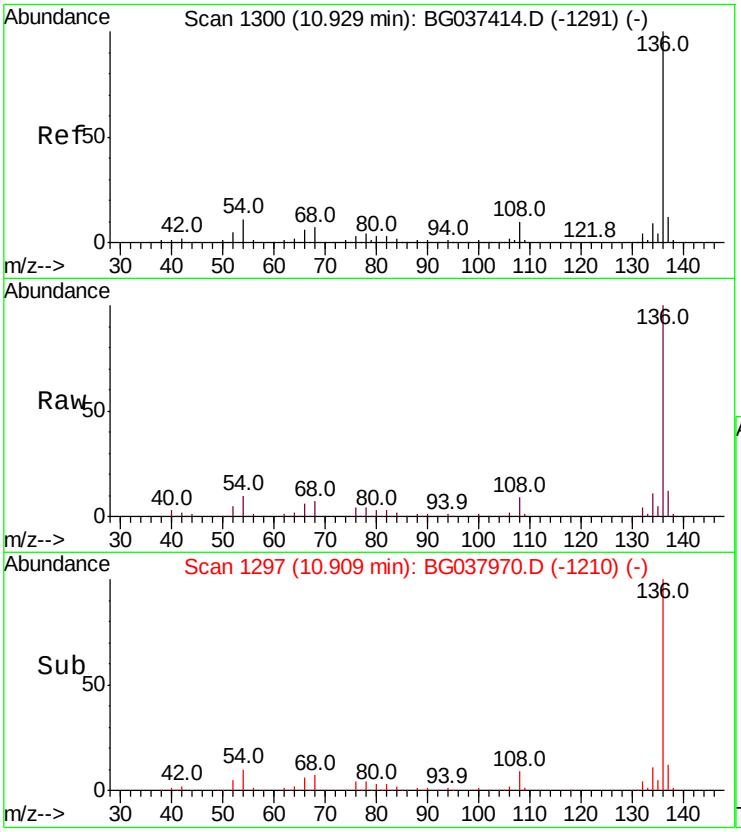


#19
n-Nitroso-di-n-propylamine
Concen: 17.202 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.36 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

Tgt Ion: 70 Resp: 60300

Ion	Ratio	Lower	Upper
70	100		
42	52.9	53.9	80.9#
101	0.0	8.2	12.2#
130	2.0	18.2	27.4#



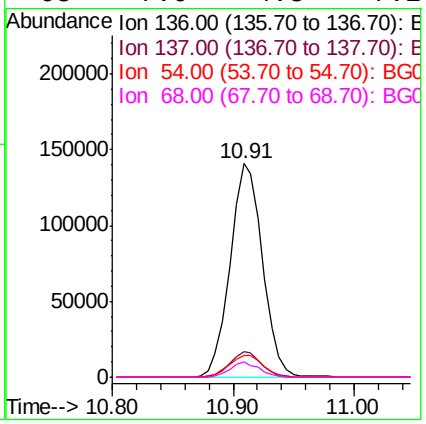


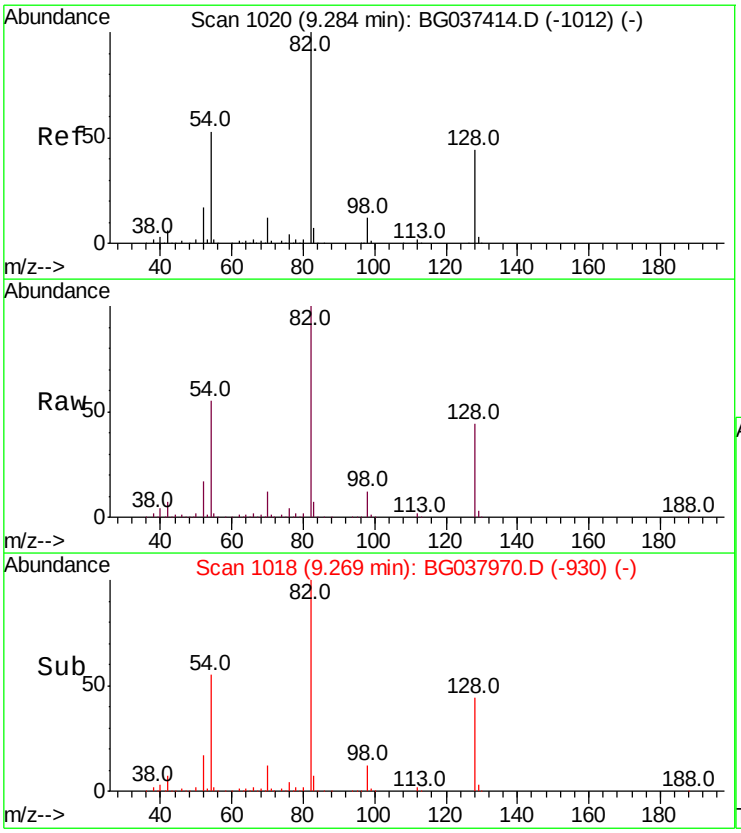
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 262669

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.2	7.9	11.9
68	7.0	4.8	7.2

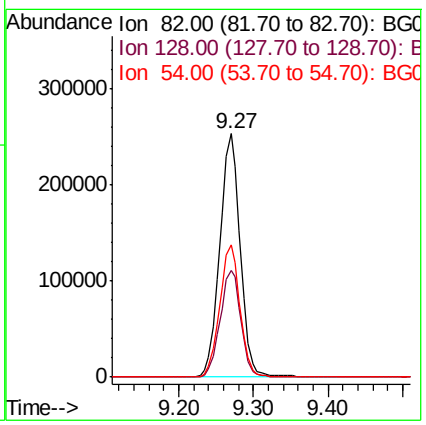


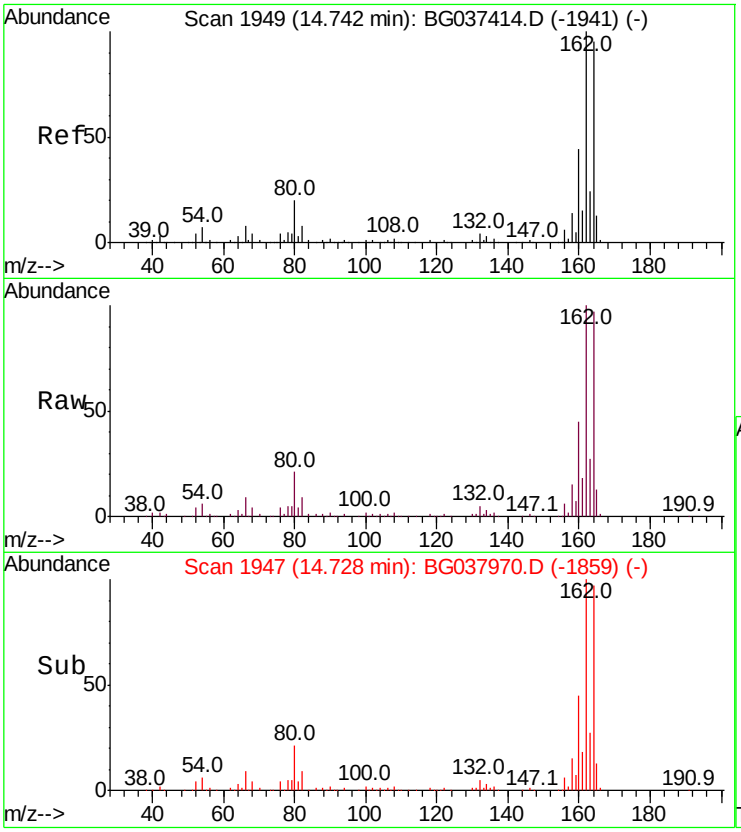


#23
Nitrobenzene-d5
Concen: 102.754 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

Tgt Ion: 82 Resp: 481805

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	51.8
54	54.6	45.3	67.9



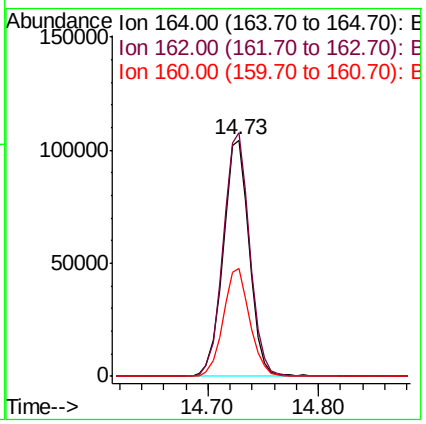


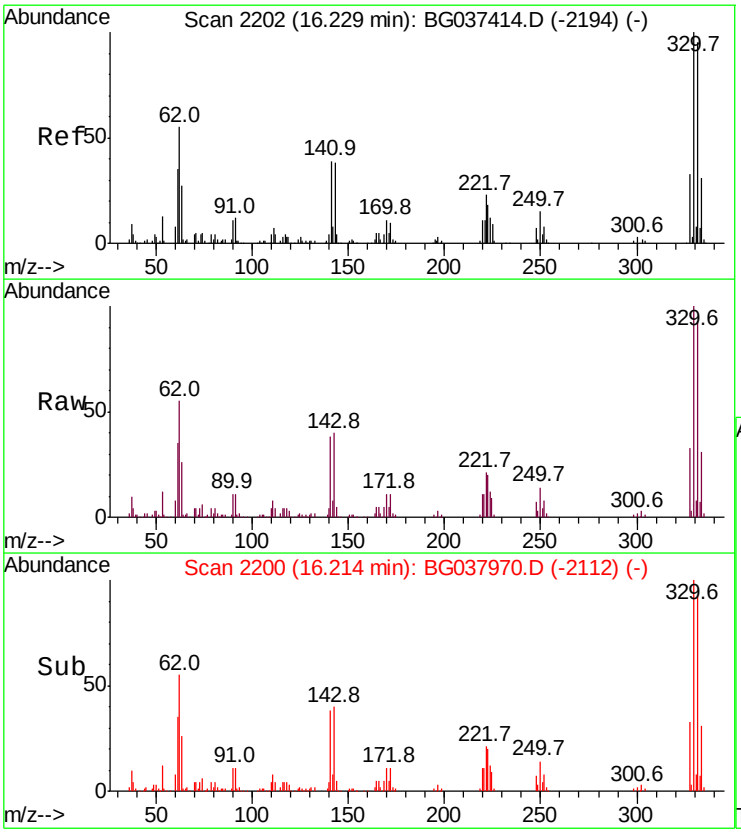
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 172106

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.3	121.9
160	45.8	36.3	54.5

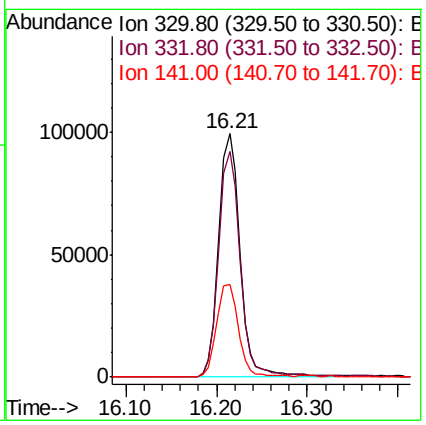


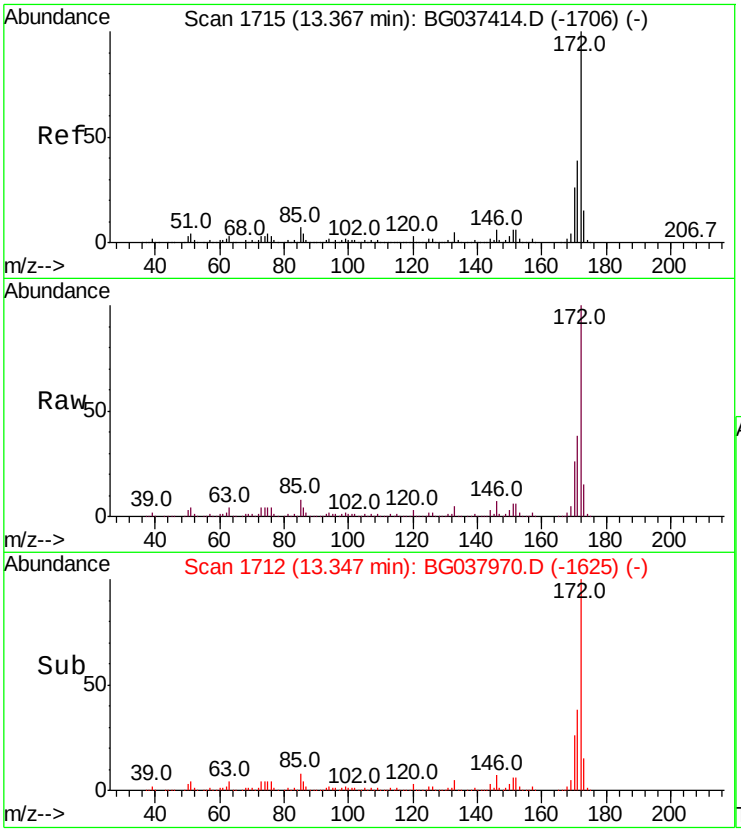


#42
2,4,6-Tribromophenol
Concen: 87.397 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

Tgt Ion:330 Resp: 164056

Ion	Ratio	Lower	Upper
330	100		
332	92.2	78.4	117.6
141	38.8	32.2	48.2



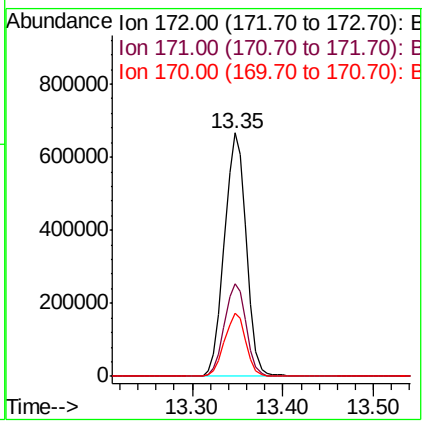


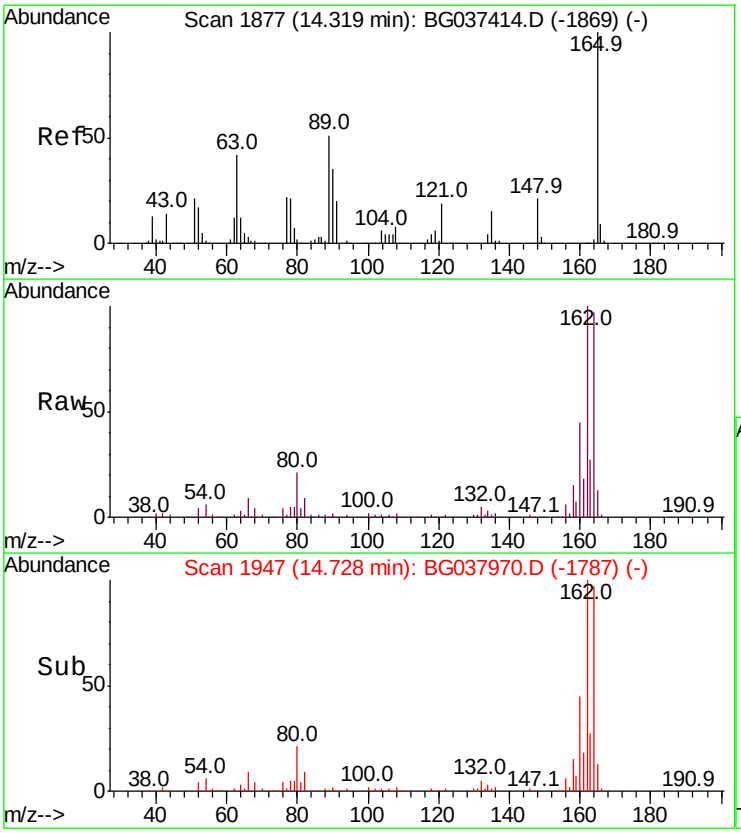
#45
2-Fluorobiphenyl
Concen: 97.947 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1117897

Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.7	20.2	30.2

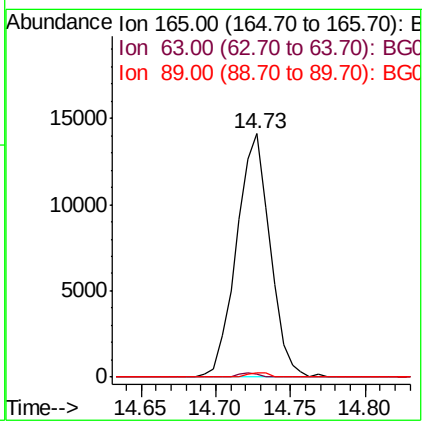


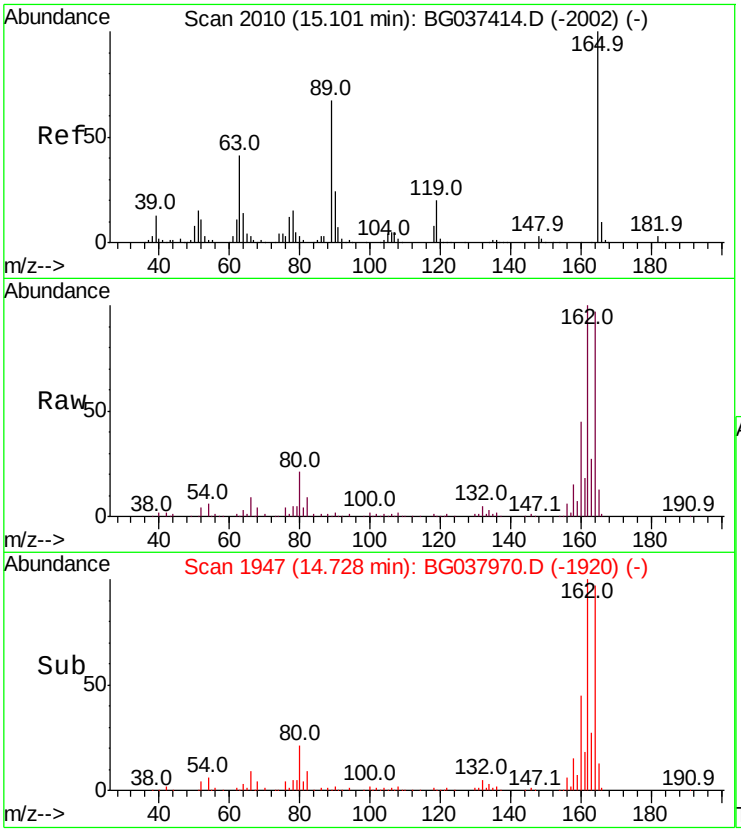


#51
2,6-Dinitrotoluene
Concen: 7.447 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

Tgt Ion:165 Resp: 21934

Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.4	65.2#
89	2.0	45.8	68.6#



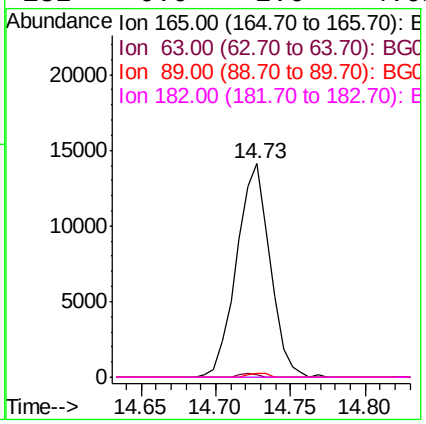


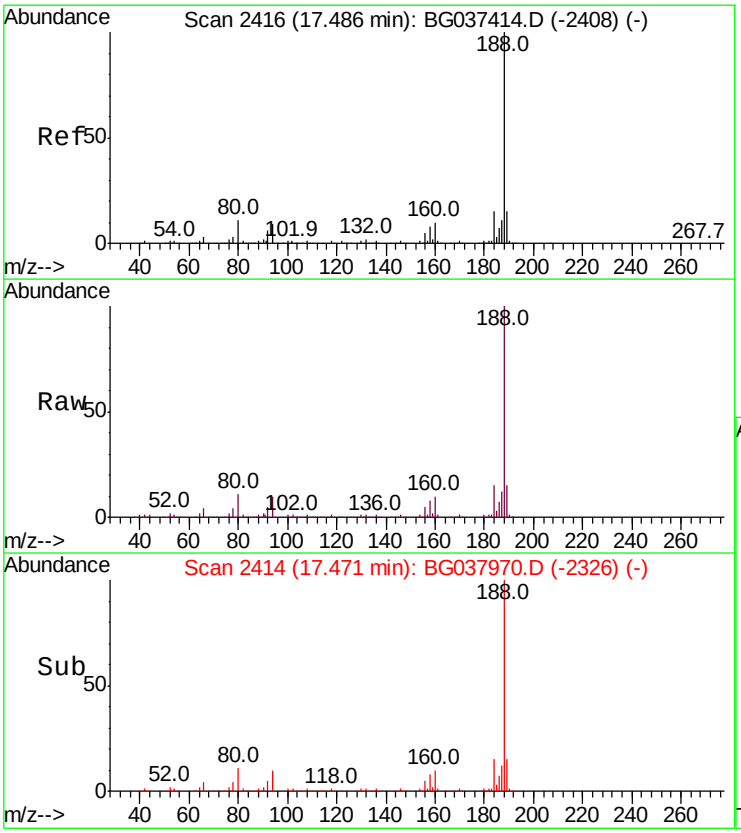
#57
2,4-Dinitrotoluene
Concen: 5.673 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 21934

Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.4	50.0#
89	2.0	57.2	85.8#
182	0.0	2.6	4.0#

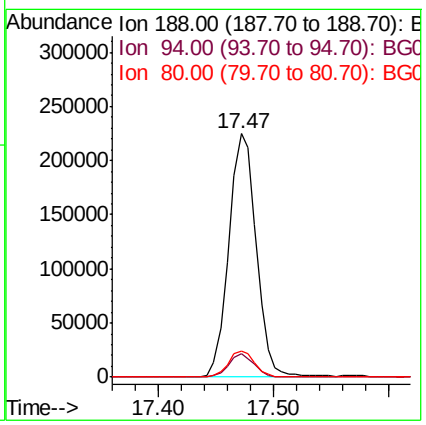


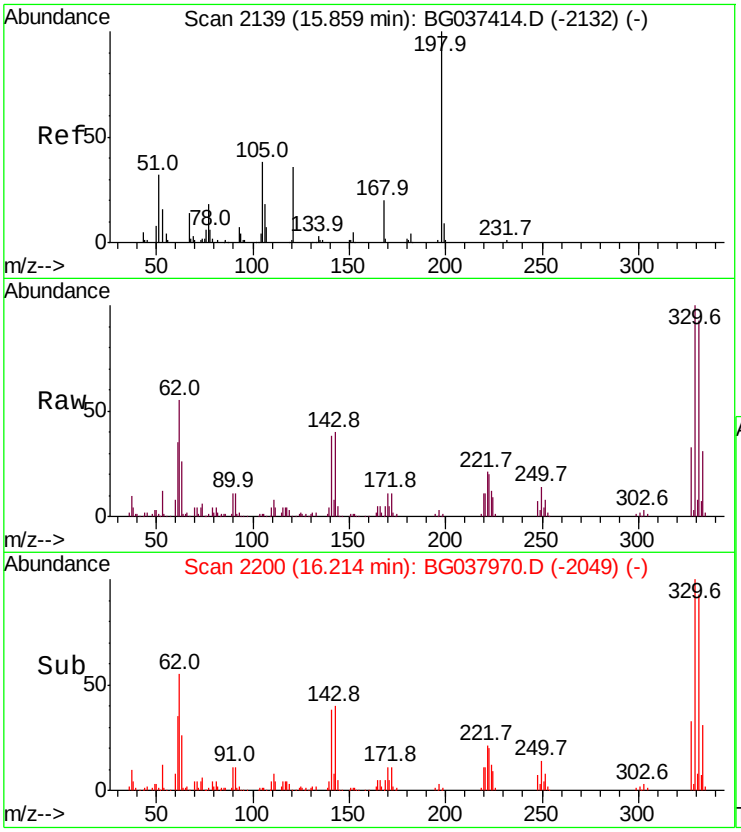


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

Tgt Ion:188 Resp: 369399

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.5	7.7	11.5



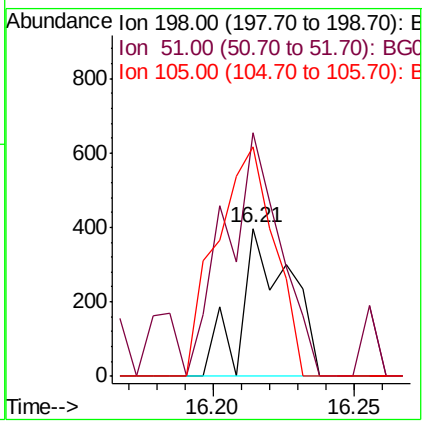


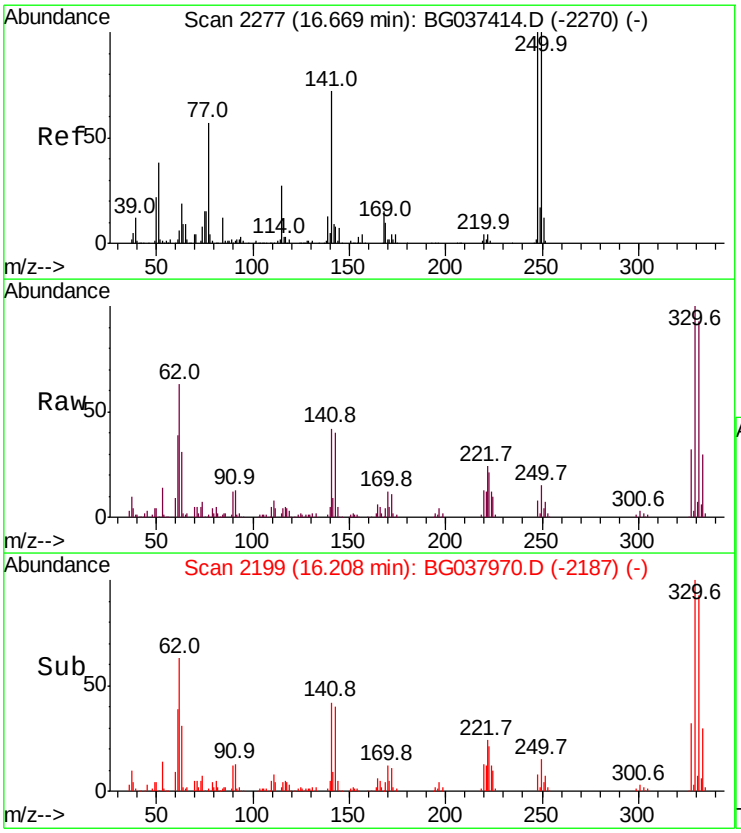
#65
4,6-Dinitro-2-methylphenol
Concen: 8.710 ng
RT: 16.21 min Scan# 2200
Delta R.T. 0.36 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 476

Ion	Ratio	Lower	Upper
198	100		
51	34.8	22.7	62.7
105	32.8	19.7	59.7

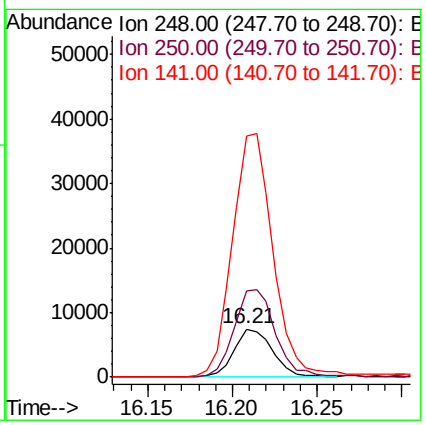


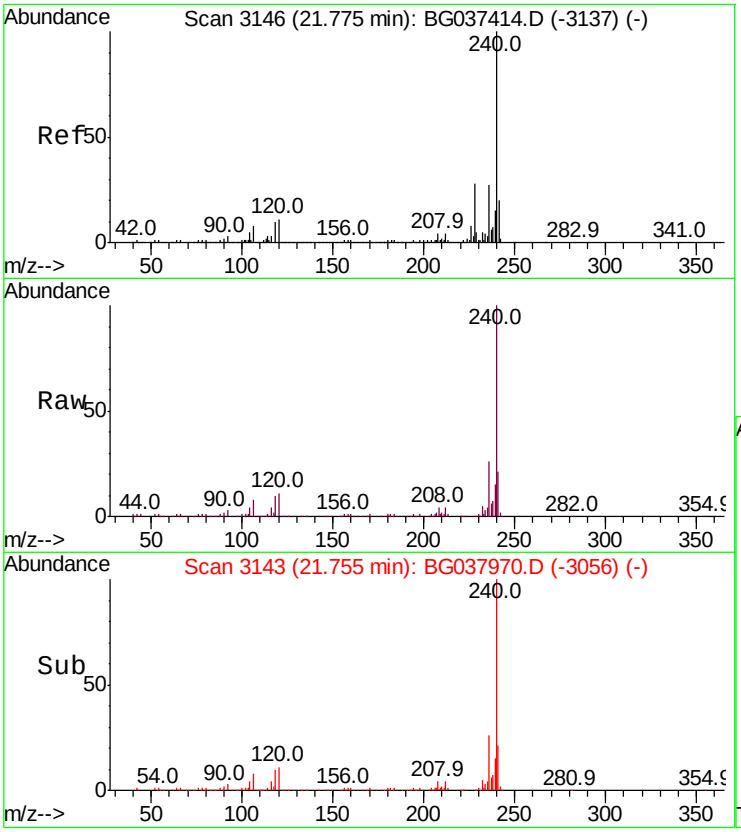


#67
4-Bromophenyl-phenylether
Concen: 2.917 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.46 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

Tgt Ion:248 Resp: 11833

Ion	Ratio	Lower	Upper
248	100		
250	182.4	77.0	115.6#
141	394.1	55.5	83.3#



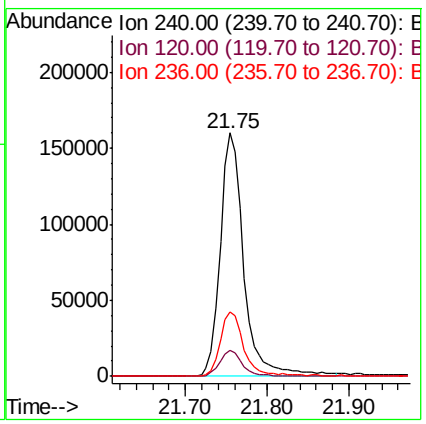


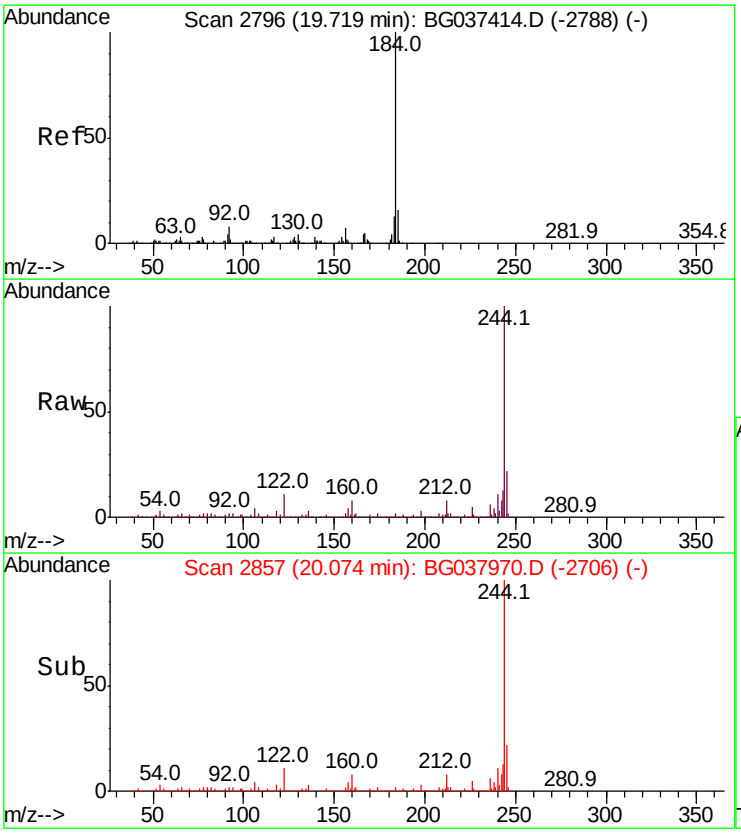
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 321567

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.1	12.1
236	26.3	21.4	32.0

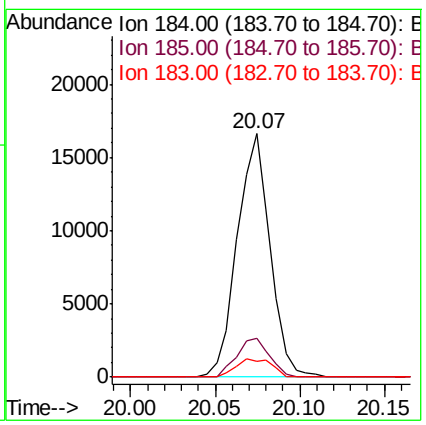


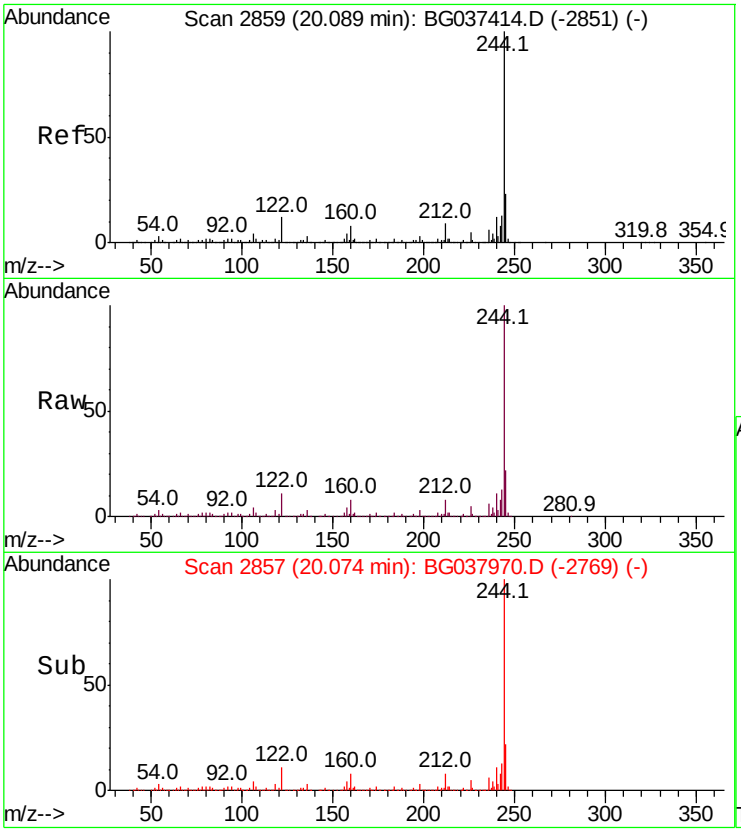


#77
Benzidine
Concen: 2.054 ng
RT: 20.07 min Scan# 2857
Delta R.T. 0.36 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

Tgt Ion:184 Resp: 22462

Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.6	18.8
183	6.6	10.2	15.2#



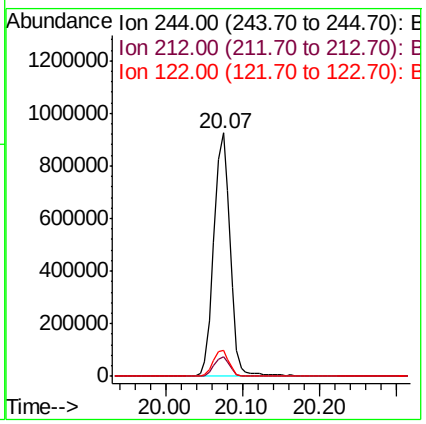


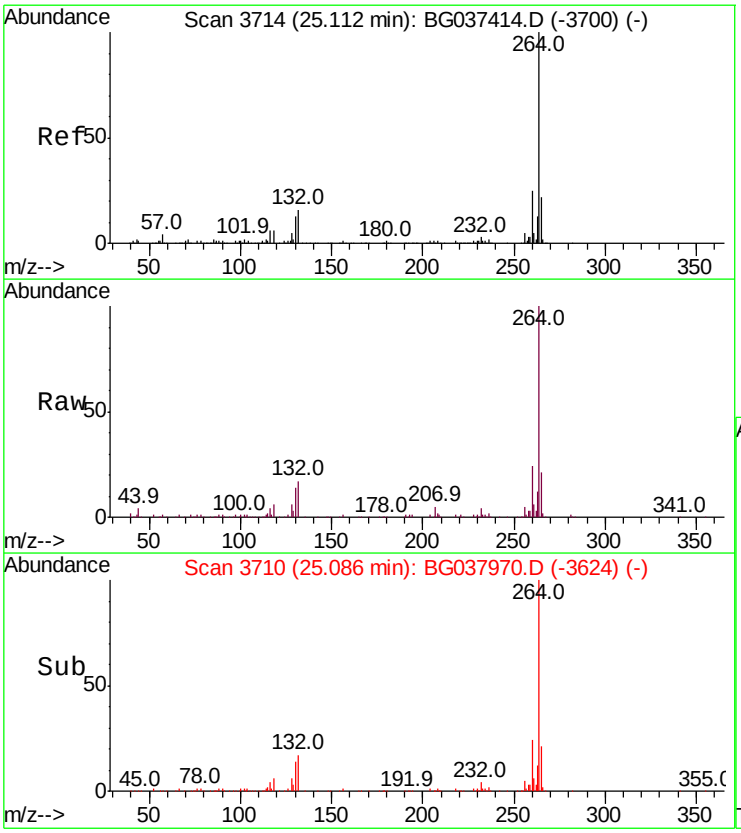
#79
Terphenyl-d14
Concen: 89.604 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1348468

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.9	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

Tgt Ion:264 Resp: 272701

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	20.9	17.9	26.9