Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
Data File : BG037608.D
Acq On : 27 Oct 2018 8:52
Operator : JU/SJ
Sample : J5662-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 29 04:11:01 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	8.10	152	57996	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	242116	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	166185	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	403249	20.00	ng		0.00
76) Chrysene-d12	21.77	240	365257	20.00	ng		0.00
87) Perylene-d12	25.10	264	344780	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	141252	40.72	ng		0.00
7) Phenol-d6	7.24	99	129179	24.63	ng		-0.01
23) Nitrobenzene-d5	9.28	82	418452	96.82	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	162682	89.75	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1008004	91.47	ng		0.00
79) Terphenyl-d14	20.08	244	1504452	88.01	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.27	94	34055	6.153	ng		97
19) n-Nitroso-di-n-propylamine	9.28	70	52673	14.582	ng	#	72
51) 2,6-Dinitrotoluene	14.73	165	21808	7.668	ng	#	25
57) 2,4-Dinitrotoluene	14.73	165	21808	5.841	ng	#	24
65) 4,6-Dinitro-2-methylphenol	16.22	198	233	8.598	ng		95
67) 4-Bromophenyl-phenylether	16.22	248	11553	2.609	ng	#	1
77) Benzidine	20.08	184	25558	2.058	ng	#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
Data File : BG037608.D
Acq On : 27 Oct 2018 8:52
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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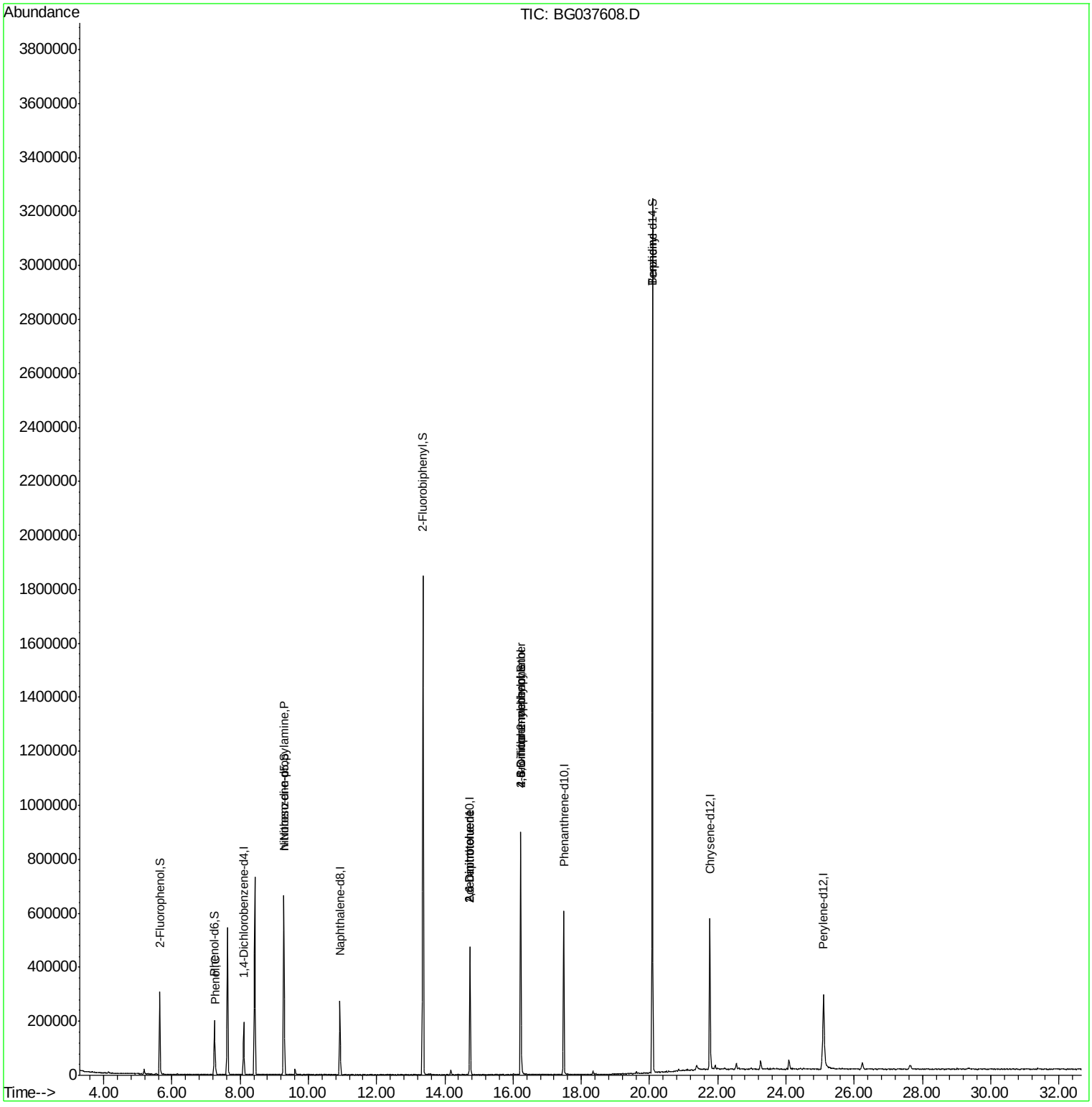
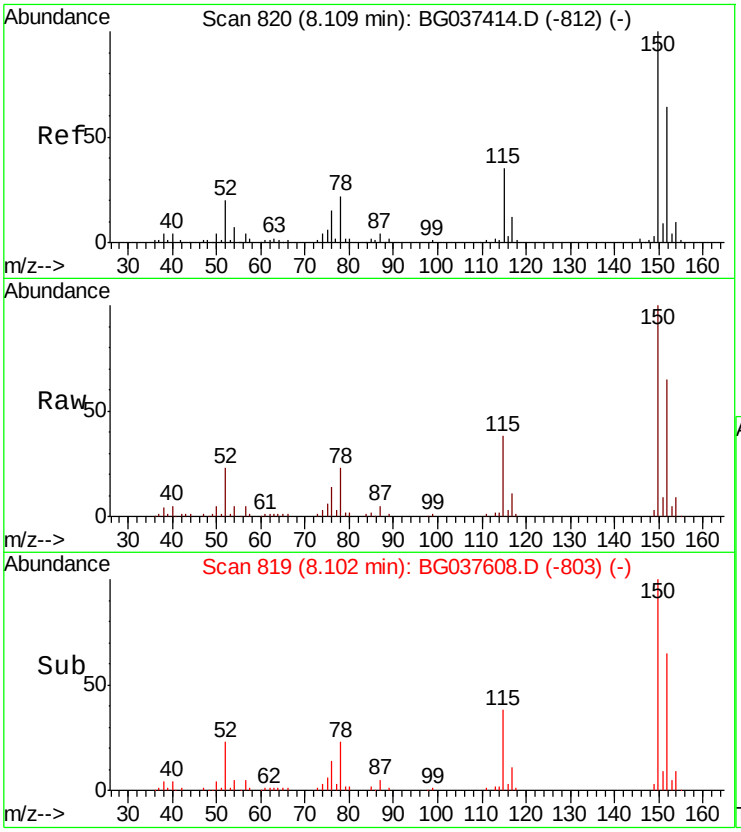
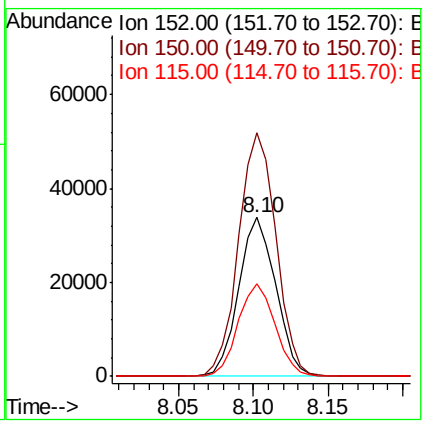




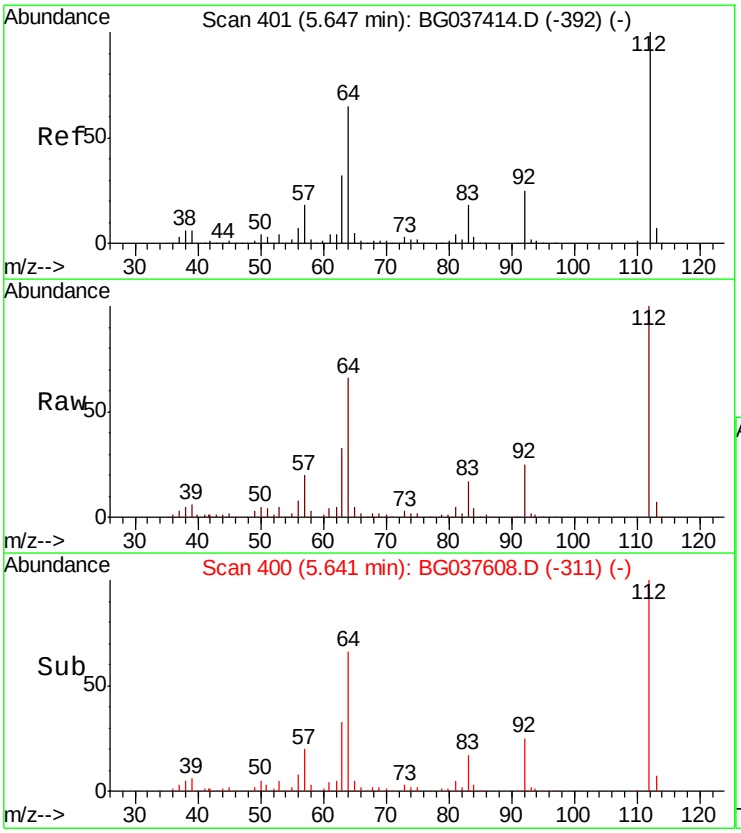
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Tgt Ion:152 Resp: 57996

Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.0	189.0
115	58.0	45.5	68.3



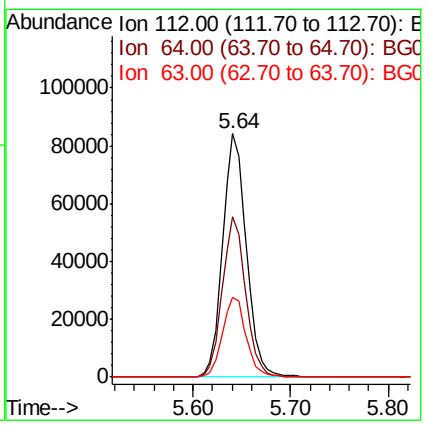
Instrument :
BNA_G
ClientSampleId :

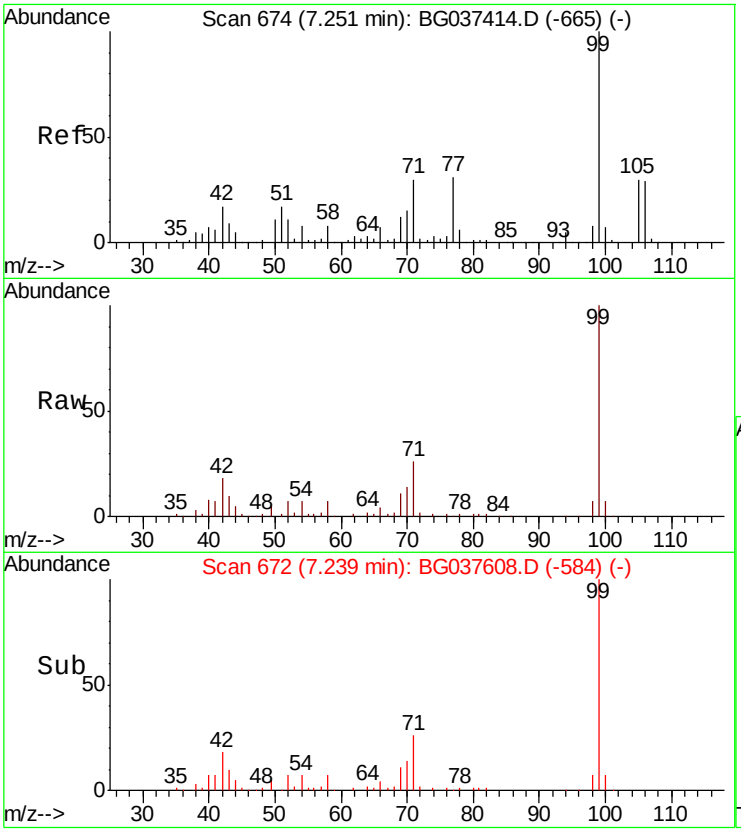


#5
2-Fluorophenol
Concen: 40.719 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Tgt Ion:112 Resp: 141252

Ion	Ratio	Lower	Upper
112	100		
64	66.1	53.1	79.7
63	33.0	27.3	40.9



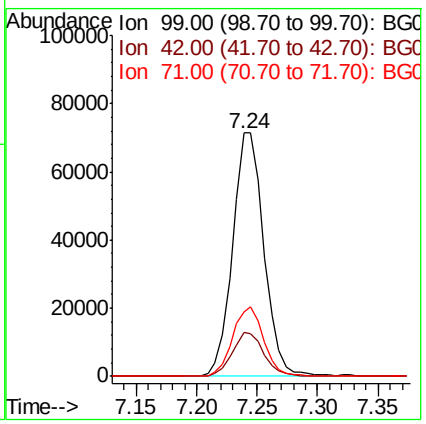


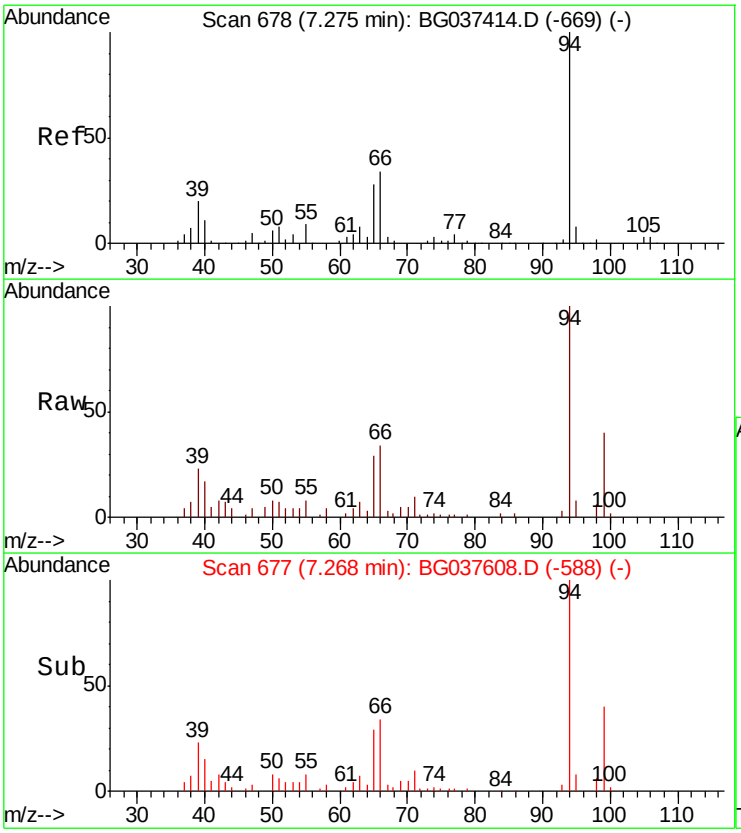
#7
Phenol-d6
Concen: 24.627 ng
RT: 7.24 min Scan# 672
Delta R.T. -0.01 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 129179

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.4
71	26.3	25.5	38.3

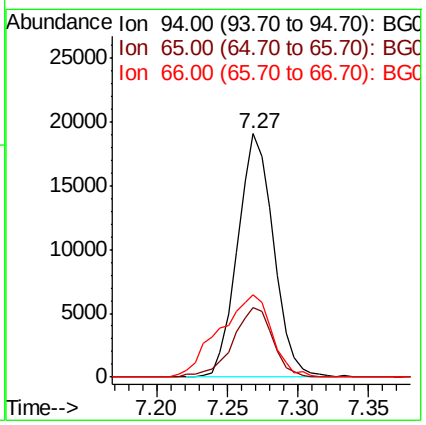


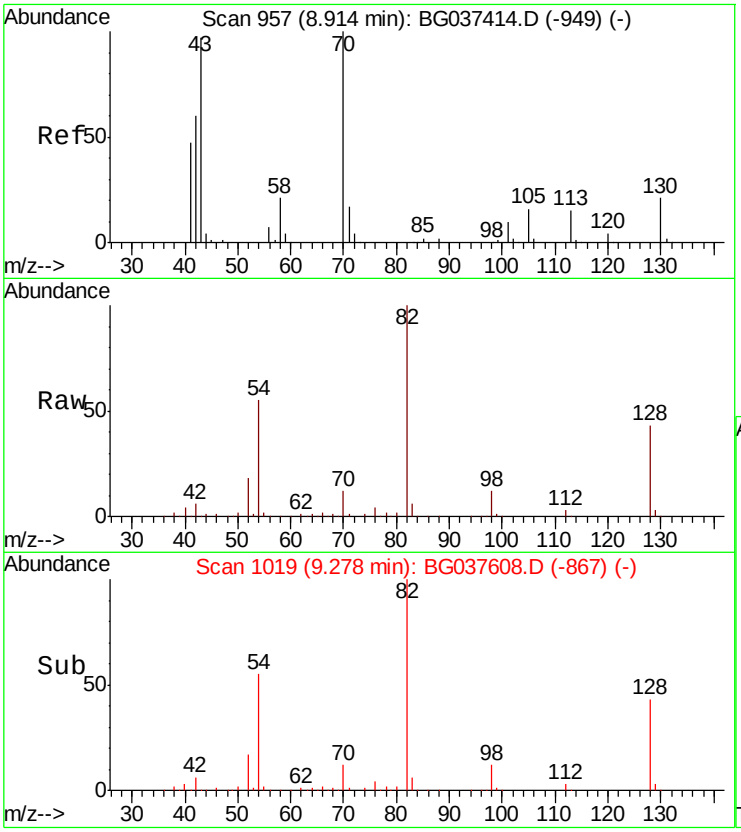


#10
Phenol
Concen: 6.153 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Tgt Ion: 94 Resp: 34055

Ion	Ratio	Lower	Upper
94	100		
65	28.5	9.7	49.7
66	33.9	15.9	55.9



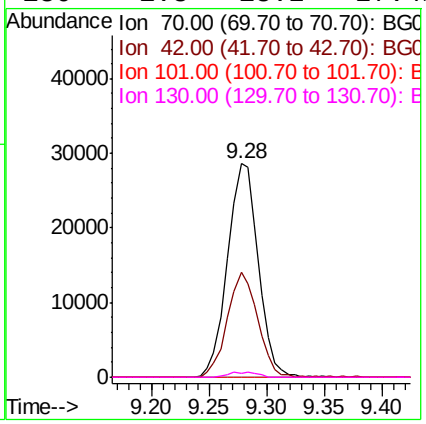


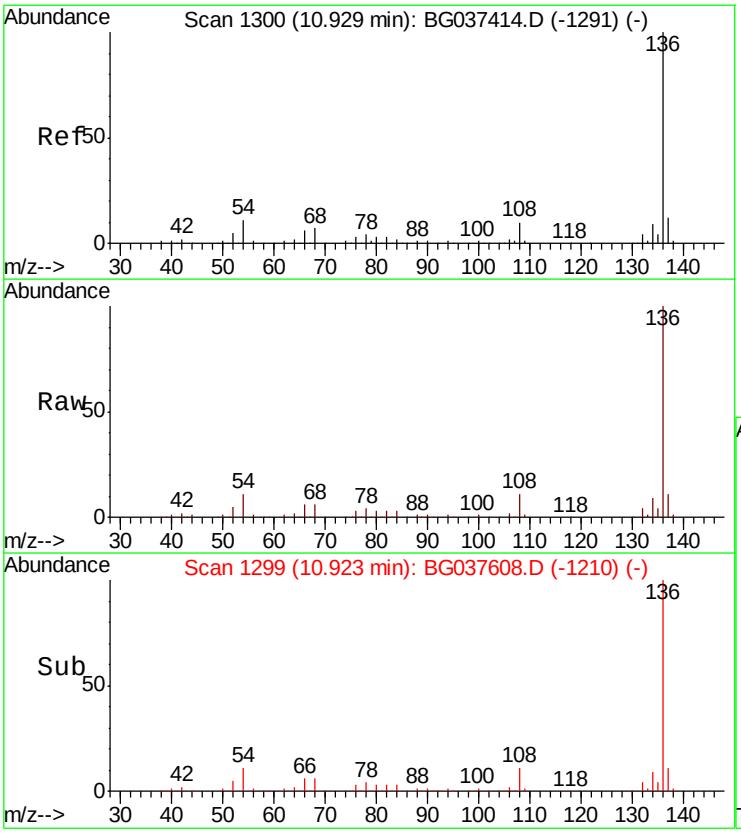
#19
n-Nitroso-di-n-propylamine
Concen: 14.582 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 52673

Ion	Ratio	Lower	Upper
70	100		
42	48.9	53.9	80.9#
101	0.0	8.2	12.2#
130	1.8	18.2	27.4#

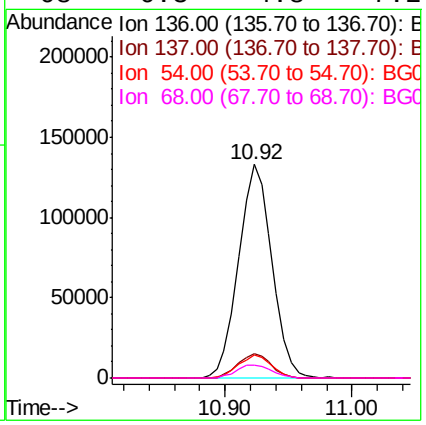


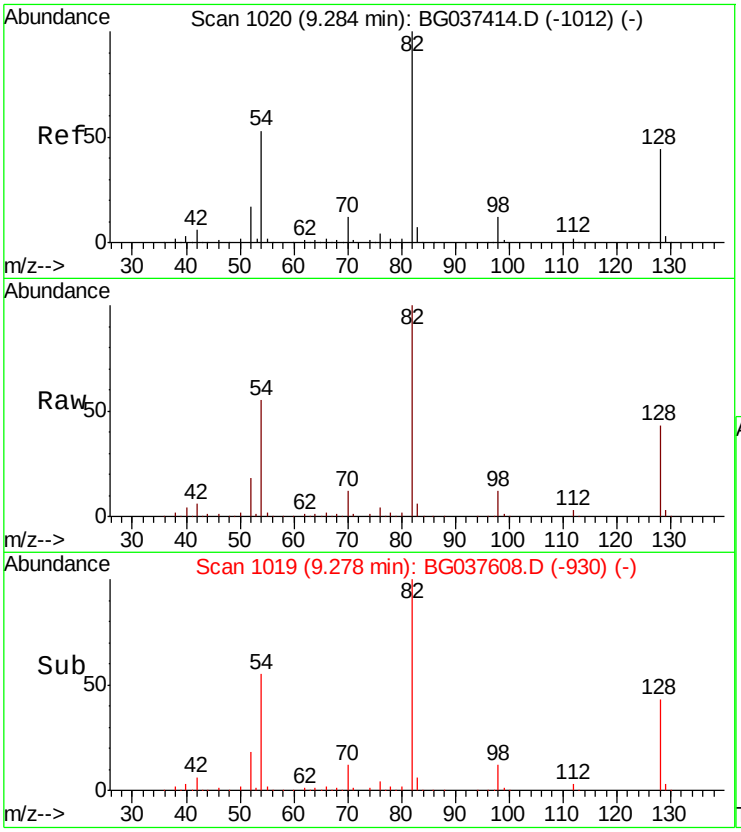


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Tgt Ion:136 Resp: 242116

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	10.6	7.9	11.9
68	6.3	4.8	7.2



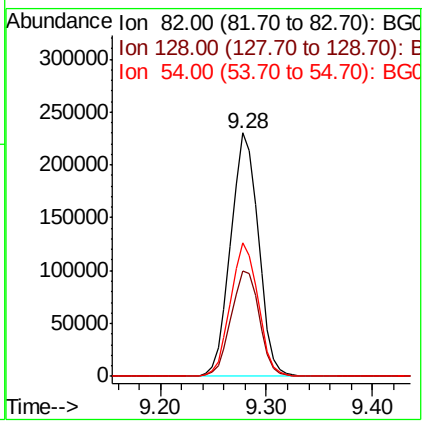


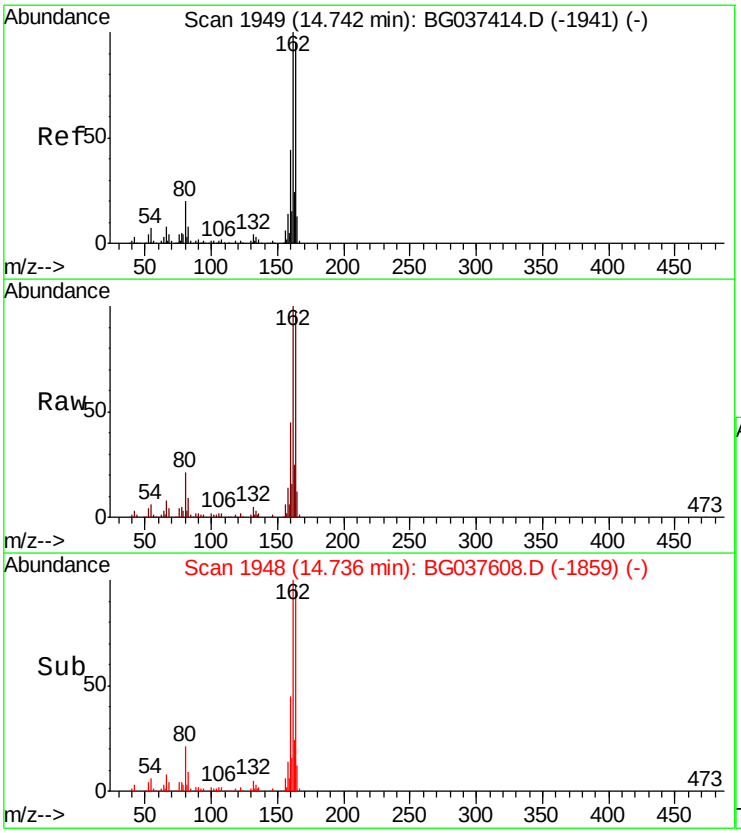
#23
Nitrobenzene-d5
Concen: 96.818 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 418452

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	51.8
54	54.8	45.3	67.9

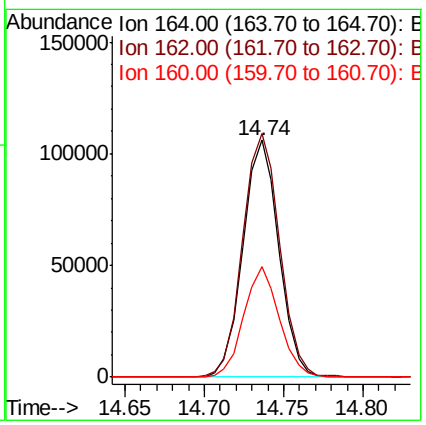


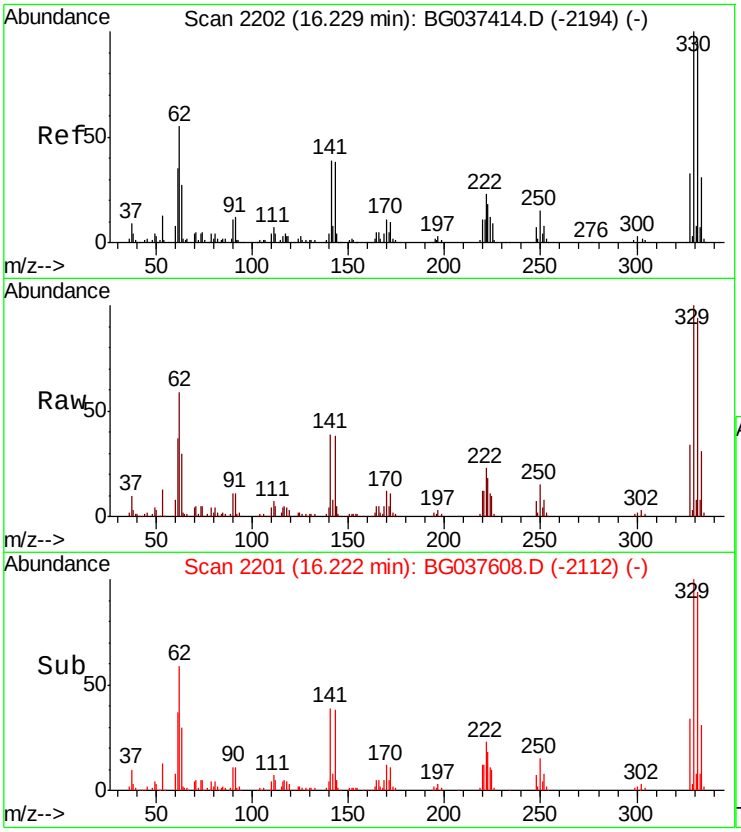


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Tgt Ion:164 Resp: 166185

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.3	121.9
160	46.4	36.3	54.5



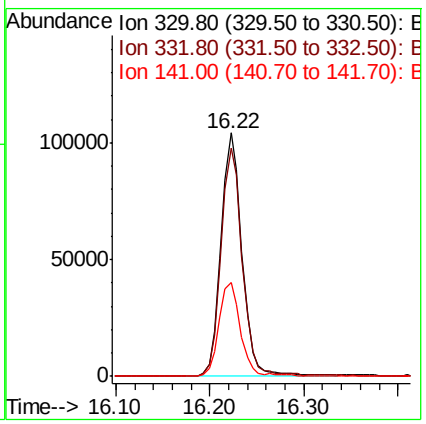


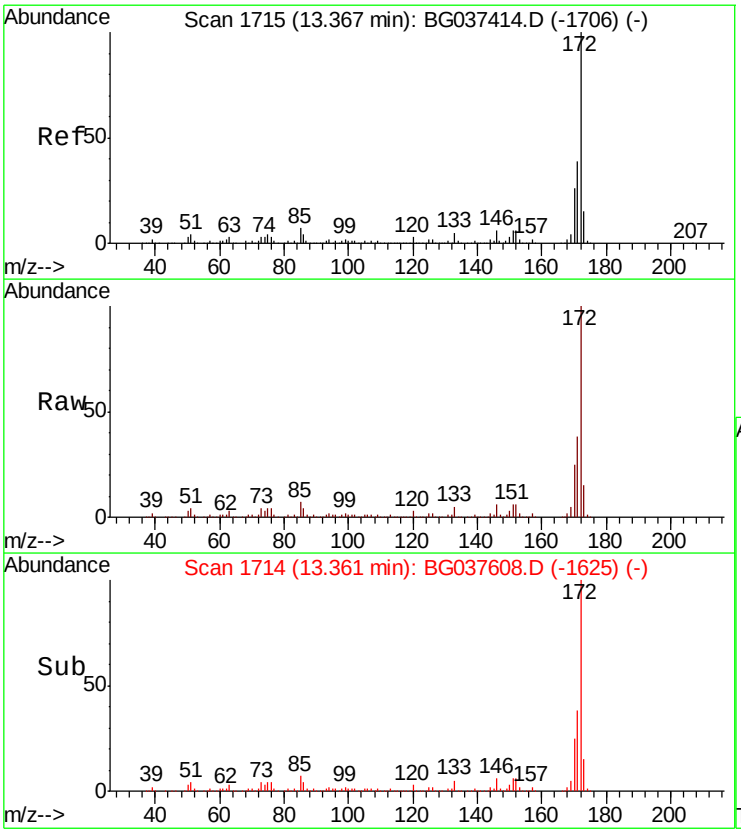
#42
2,4,6-Tribromophenol
Concen: 89.753 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 162682

Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.4	117.6
141	39.6	32.2	48.2

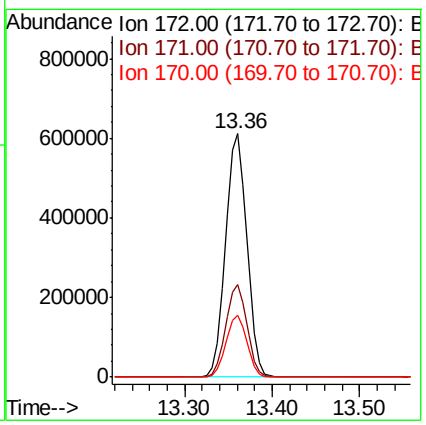


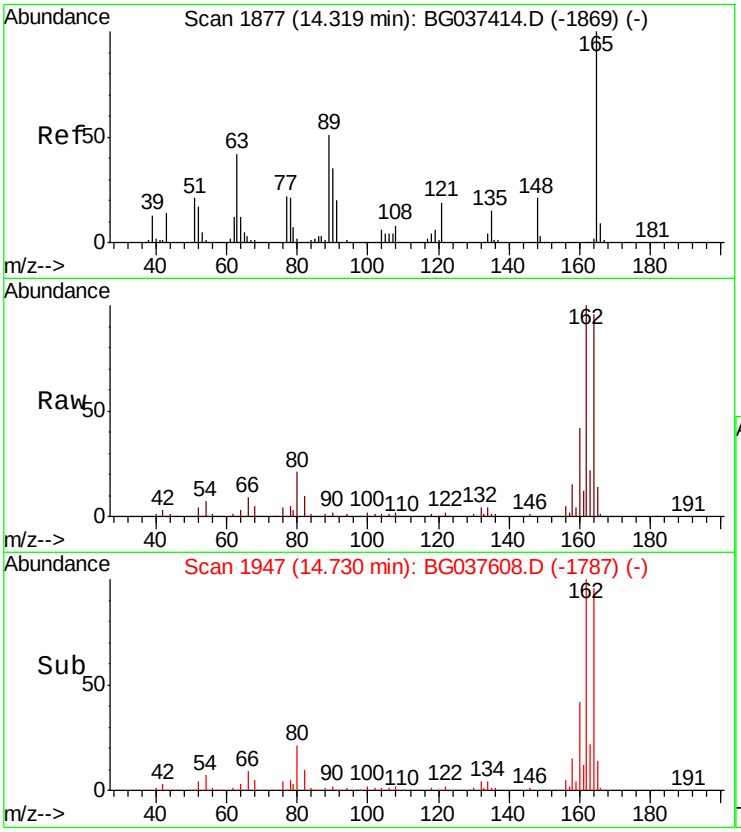


#45
2-Fluorobiphenyl
Concen: 91.465 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Tgt Ion:172 Resp: 1008004

Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.4	20.2	30.2



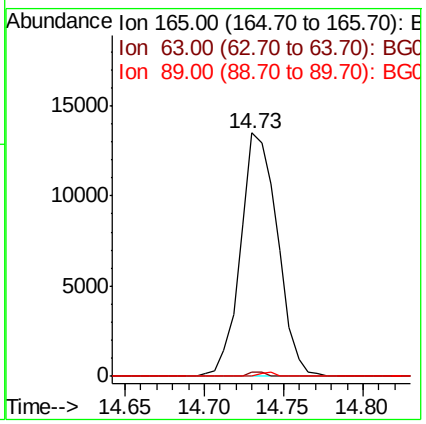


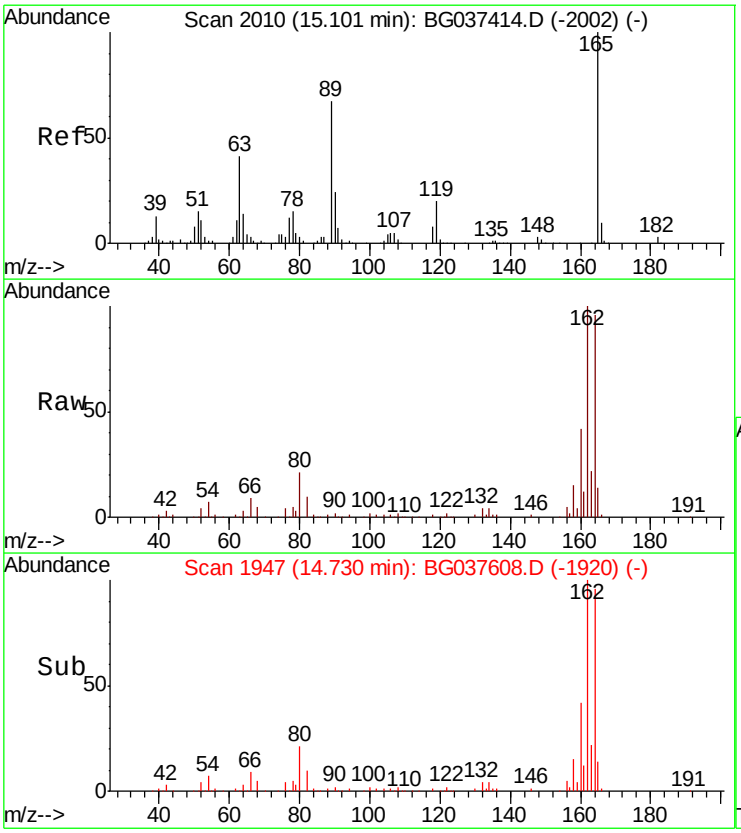
#51
2,6-Dinitrotoluene
Concen: 7.668 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 21808

Ion	Ratio	Lower	Upper
165	100		
63	1.9	43.4	65.2#
89	0.0	45.8	68.6#

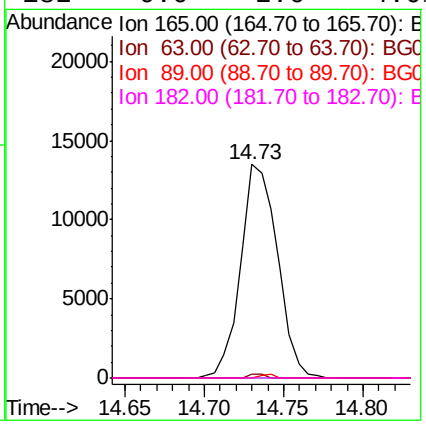


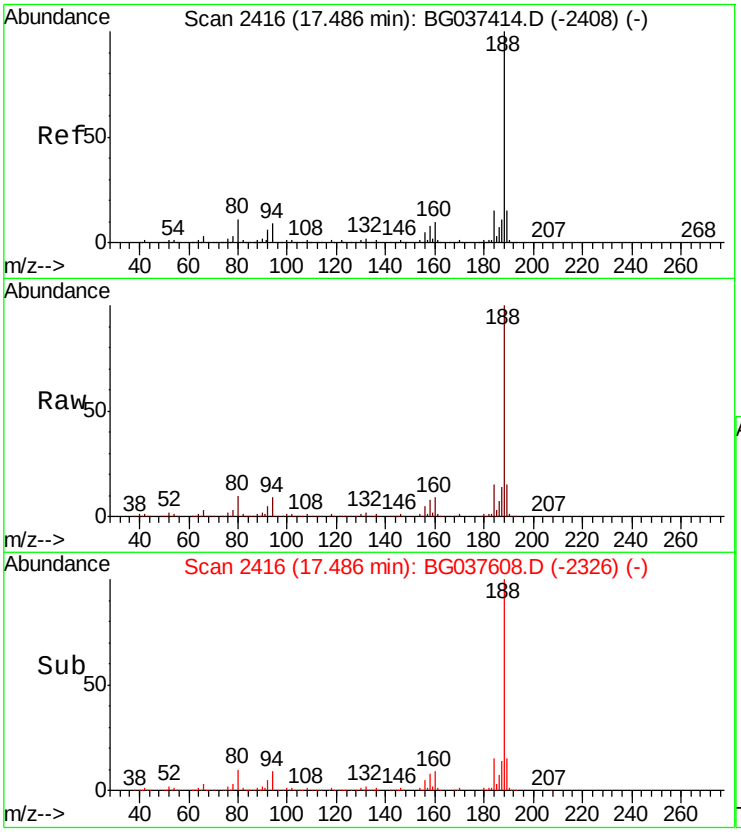


#57
2,4-Dinitrotoluene
Concen: 5.841 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Tgt Ion:165 Resp: 21808

Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



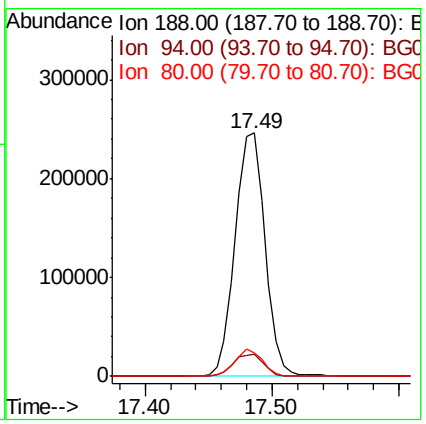


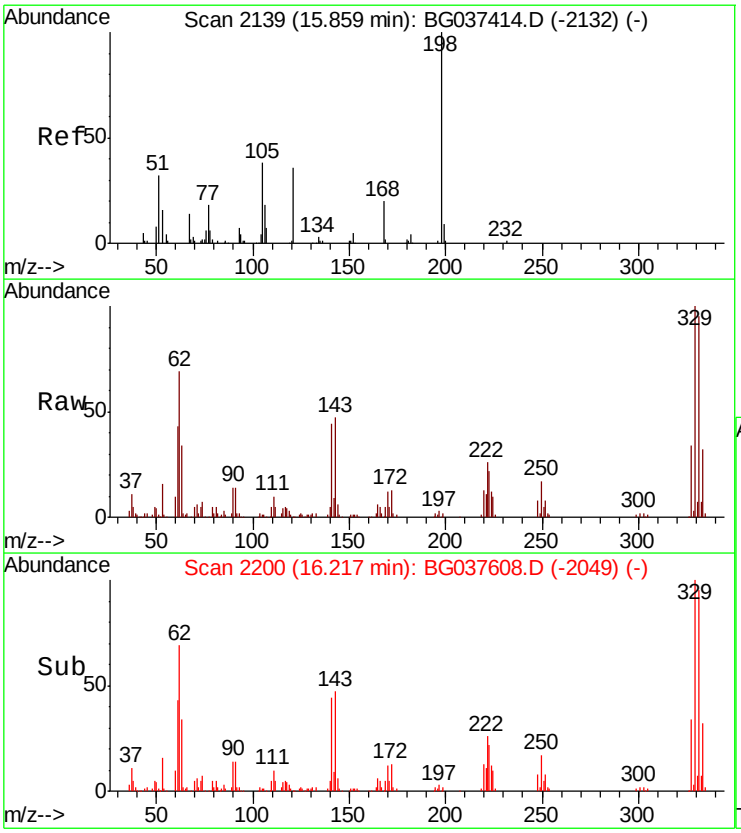
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 403249

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	9.7	7.7	11.5

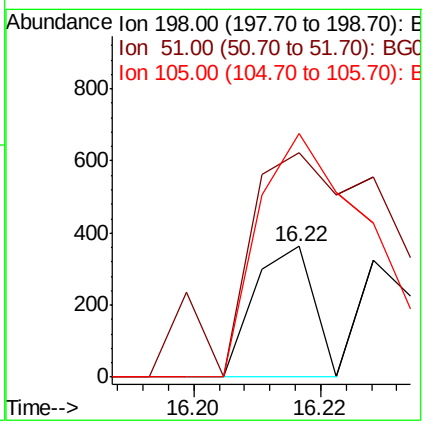


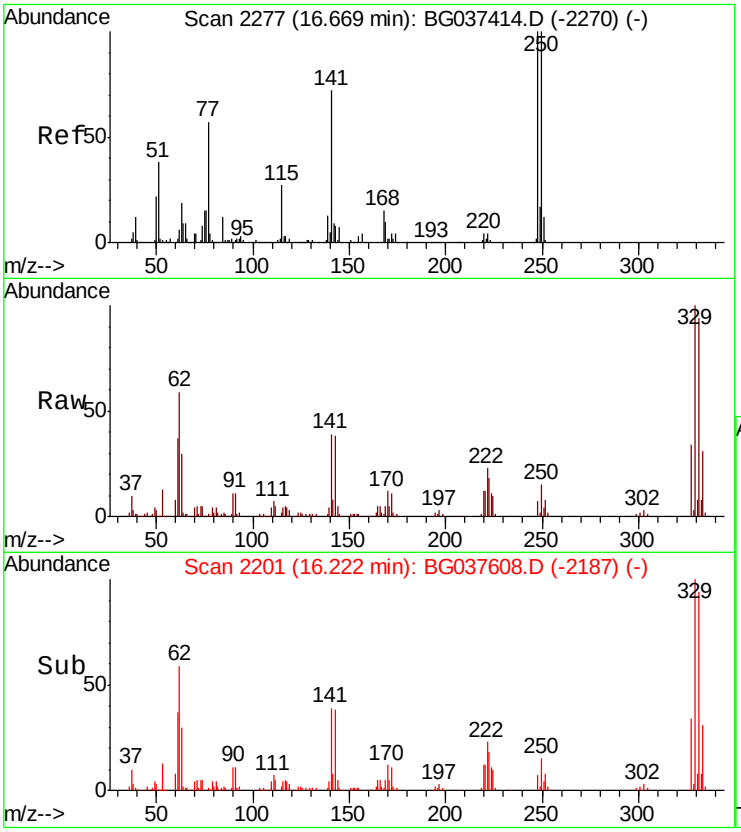


#65
4,6-Dinitro-2-methylphenol
Concen: 8.598 ng
RT: 16.22 min Scan# 2200
Delta R.T. 0.36 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Tgt Ion:198 Resp: 233

Ion	Ratio	Lower	Upper
198	100		
51	37.9	22.7	62.7
105	41.1	19.7	59.7



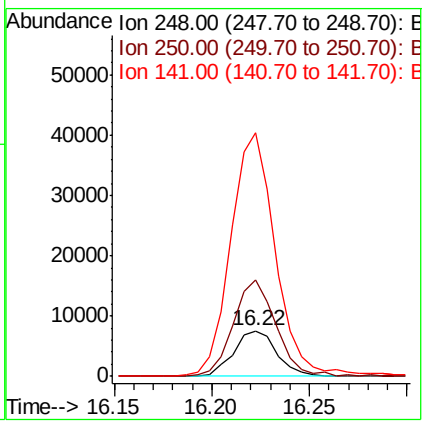


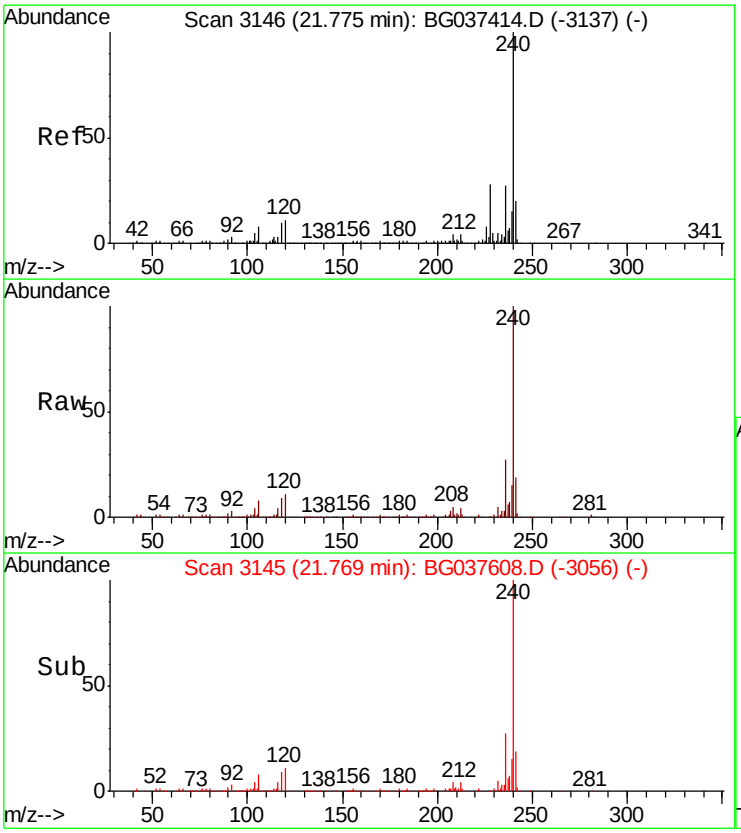
#67
4-Bromophenyl-phenylether
Concen: 2.609 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 11553

Ion	Ratio	Lower	Upper
248	100		
250	200.6	77.0	115.6#
141	406.0	55.5	83.3#

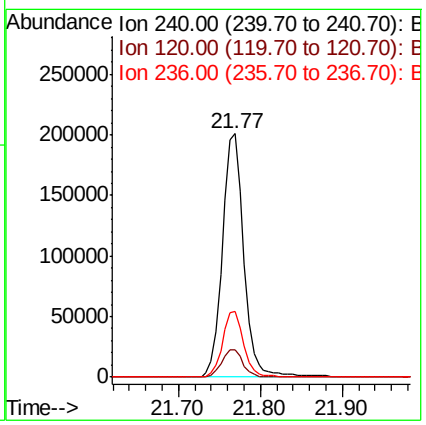


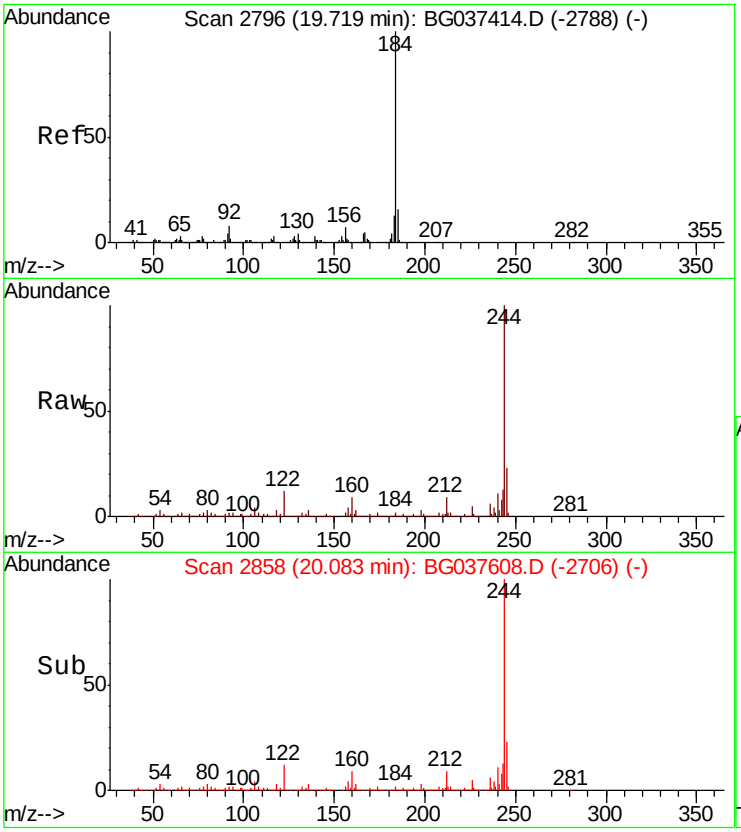


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Tgt Ion:240 Resp: 365257

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.1	12.1
236	27.0	21.4	32.0



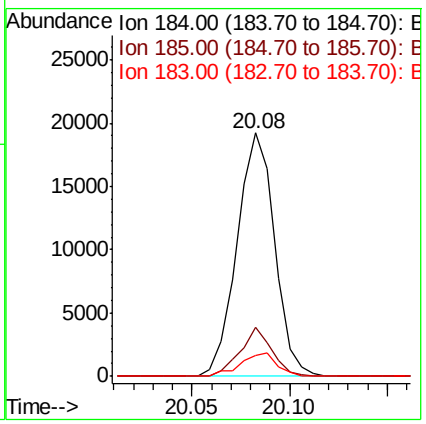


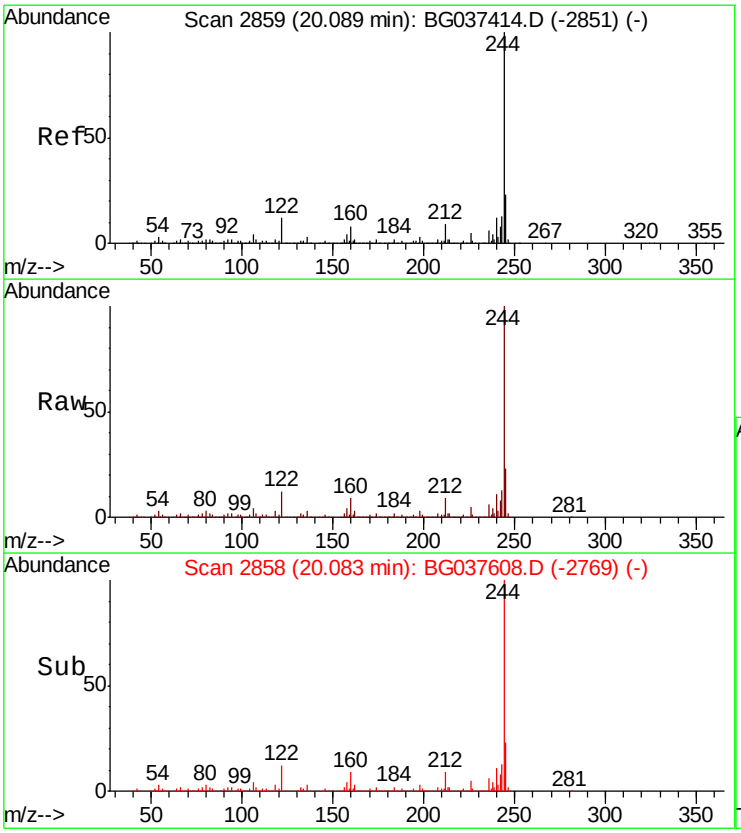
#77
Benzidine
Concen: 2.058 ng
RT: 20.08 min Scan# 2858
Delta R.T. 0.36 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 25558

Ion	Ratio	Lower	Upper
184	100		
185	20.3	12.6	18.8#
183	8.4	10.2	15.2#

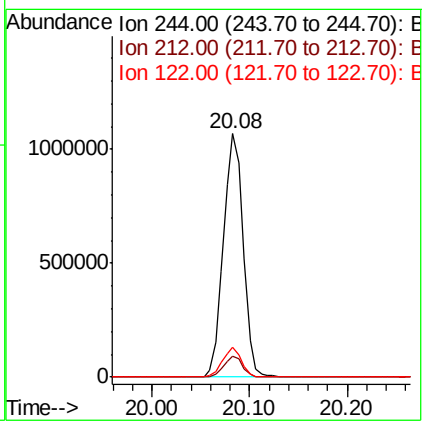


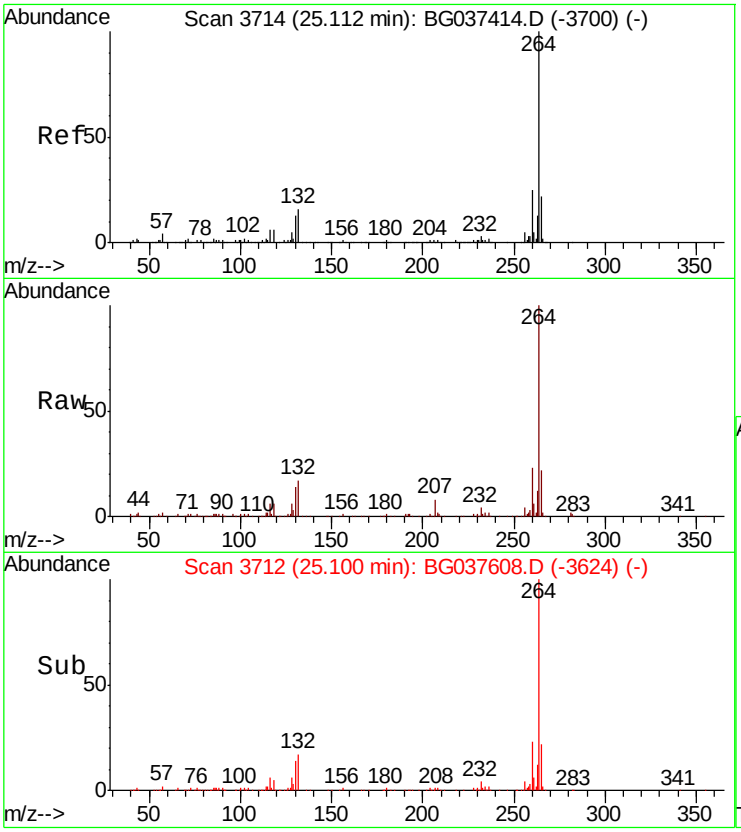


#79
Terphenyl-d14
Concen: 88.011 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Tgt Ion:244 Resp: 1504452

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	12.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 344780

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	22.0	17.9	26.9