Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037676.D
Acq On : 31 Oct 2018 6:22
Operator : JU/SJ
Sample : J5722-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 31 09:25:39 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	54566	20.00	ng		-0.01
21) Naphthalene-d8	10.92	136	240511	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	164864	20.00	ng		-0.01
64) Phenanthrene-d10	17.48	188	383372	20.00	ng		0.00
76) Chrysene-d12	21.76	240	342879	20.00	ng		-0.01
87) Perylene-d12	25.10	264	318101	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	142743	43.74	ng		0.00
7) Phenol-d6	7.24	99	133260	27.00	ng		-0.01
23) Nitrobenzene-d5	9.28	82	416393	96.98	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	159230	88.55	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	980936	89.72	ng		-0.01
79) Terphenyl-d14	20.08	244	1469542	91.58	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.27	94	19630	3.770	ng		90
19) n-Nitroso-di-n-propylamine	9.28	70	53104	15.626	ng	#	70
51) 2,6-Dinitrotoluene	14.73	165	21837	7.740	ng	#	23
57) 2,4-Dinitrotoluene	14.73	165	21837	5.896	ng	#	23
65) 4,6-Dinitro-2-methylphenol	16.21	198	191	8.586	ng		80
67) 4-Bromophenyl-phenylether	16.22	248	11339	2.693	ng	#	1
77) Benzidine	20.08	184	23369	2.004	ng	#	93

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

Quantitation Report (Not Reviewed)

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Data File : BG037676.D
Acq On : 31 Oct 2018 6:22
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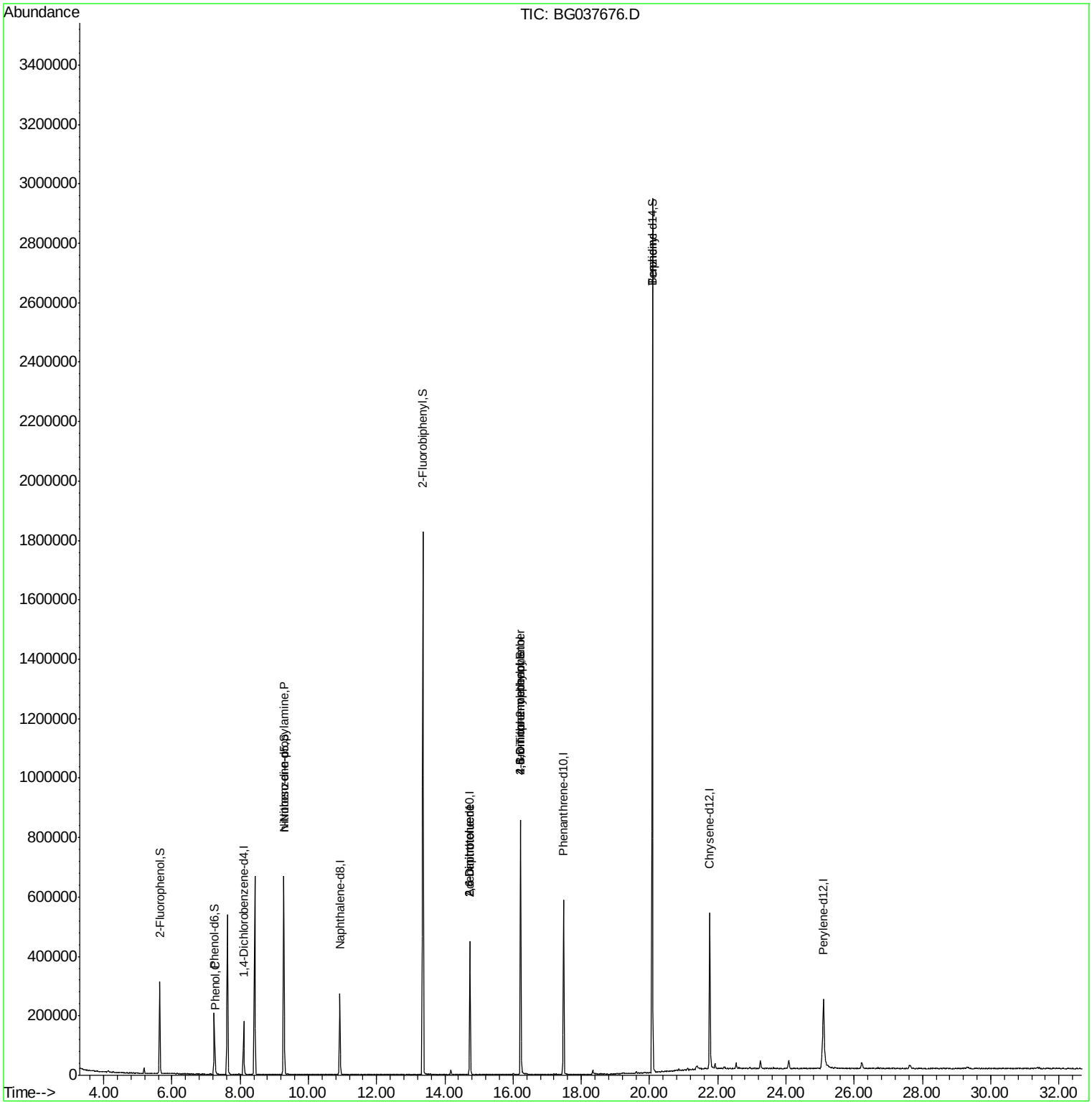
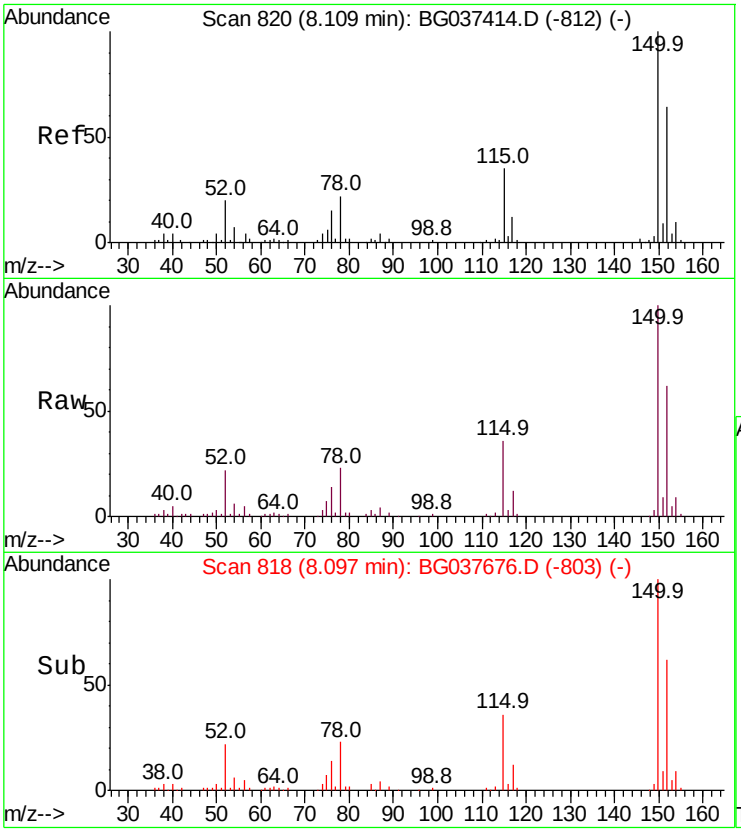
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration



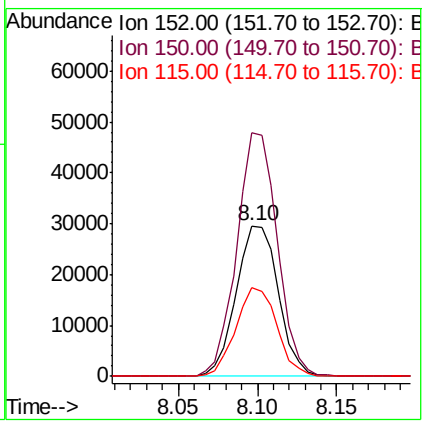


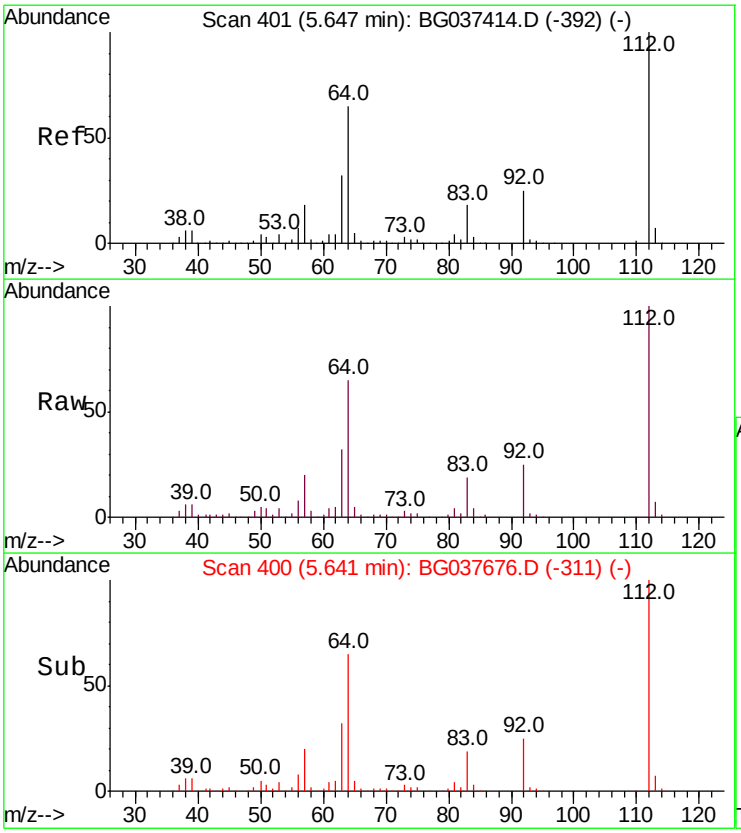
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 54566

Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.0	189.0
115	58.9	45.5	68.3

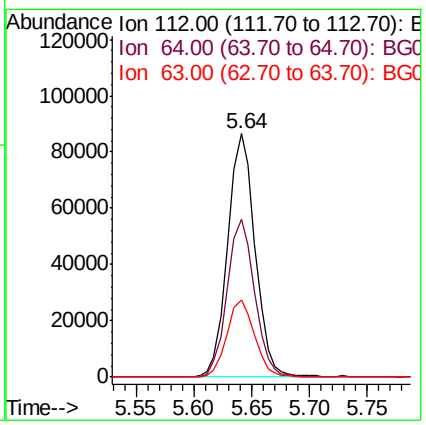


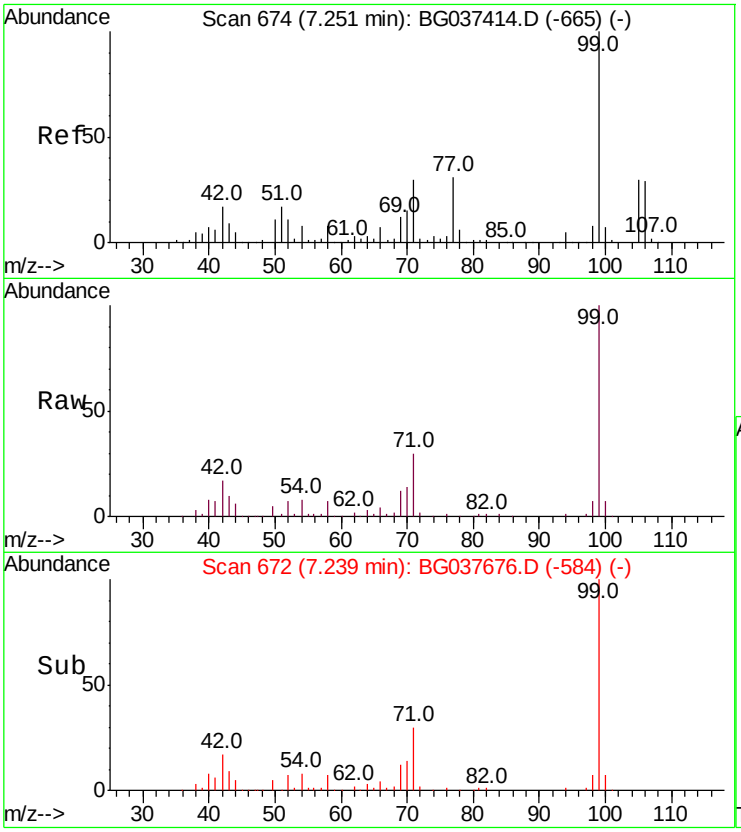


#5
2-Fluorophenol
Concen: 43.735 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Tgt Ion:112 Resp: 142743

Ion	Ratio	Lower	Upper
112	100		
64	64.8	53.1	79.7
63	31.7	27.3	40.9



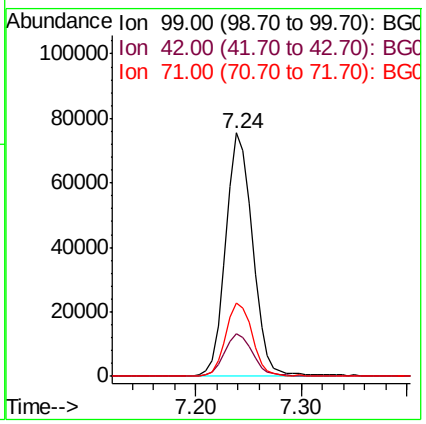


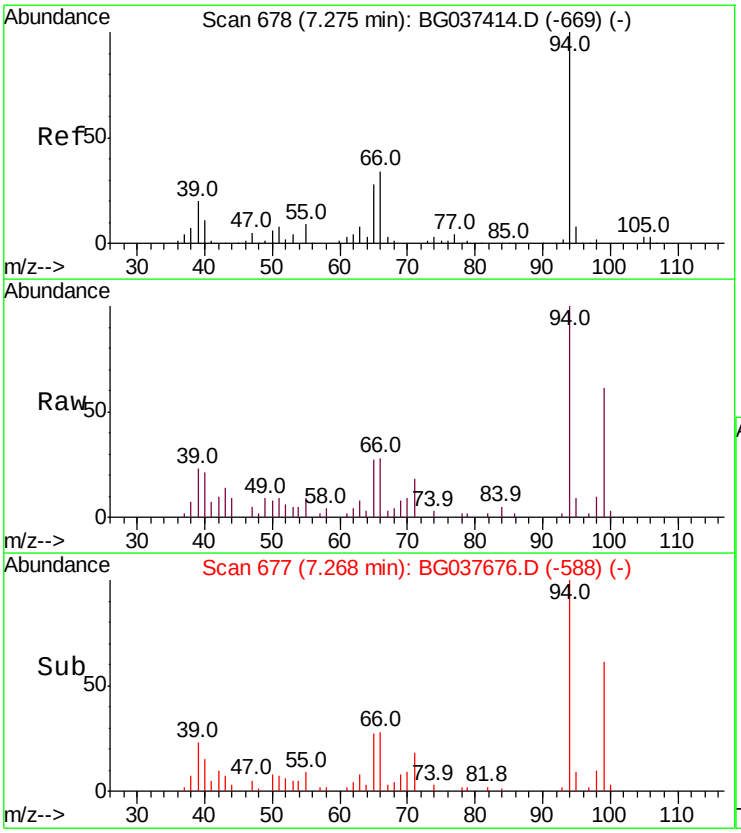
#7
Phenol-d6
Concen: 27.002 ng
RT: 7.24 min Scan# 672
Delta R.T. -0.01 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 133260

Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.0	22.4
71	30.1	25.5	38.3

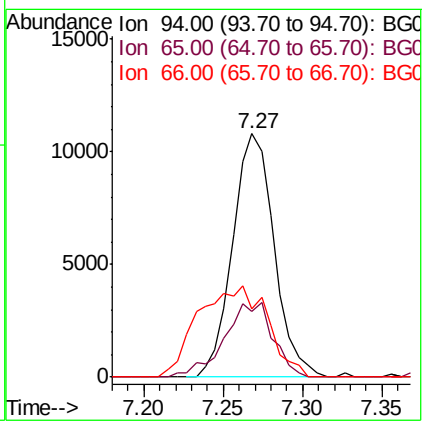


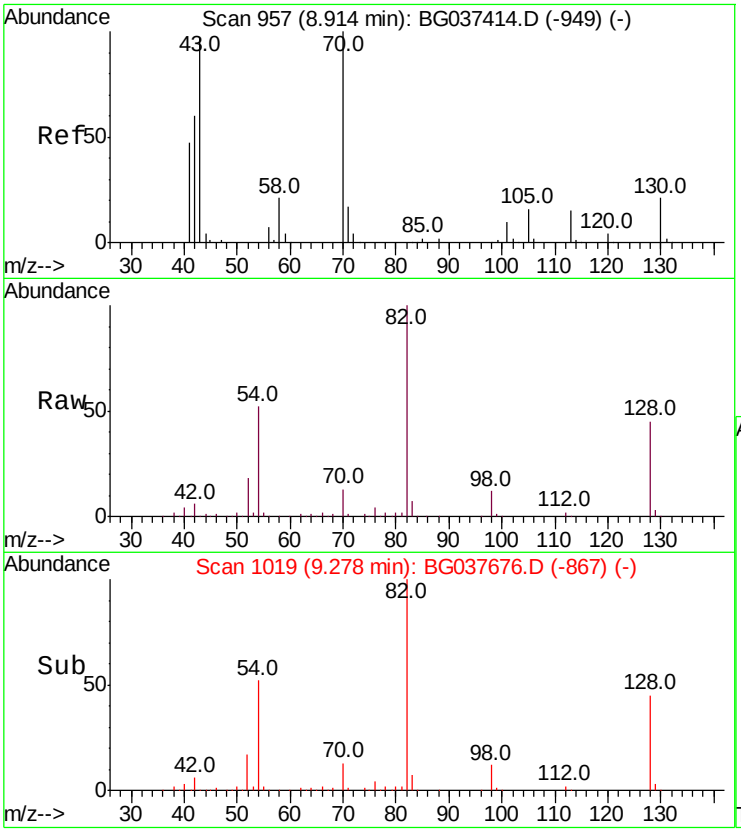


#10
Phenol
Concen: 3.770 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Tgt Ion: 94 Resp: 19630

Ion	Ratio	Lower	Upper
94	100		
65	27.1	9.7	49.7
66	27.9	15.9	55.9



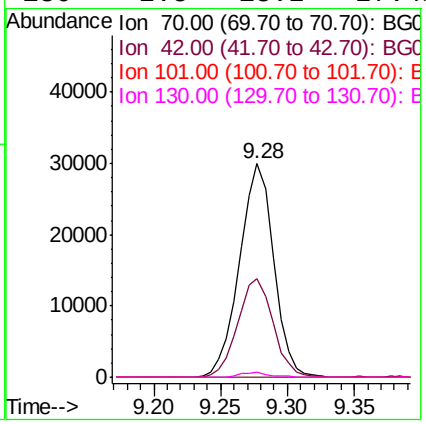


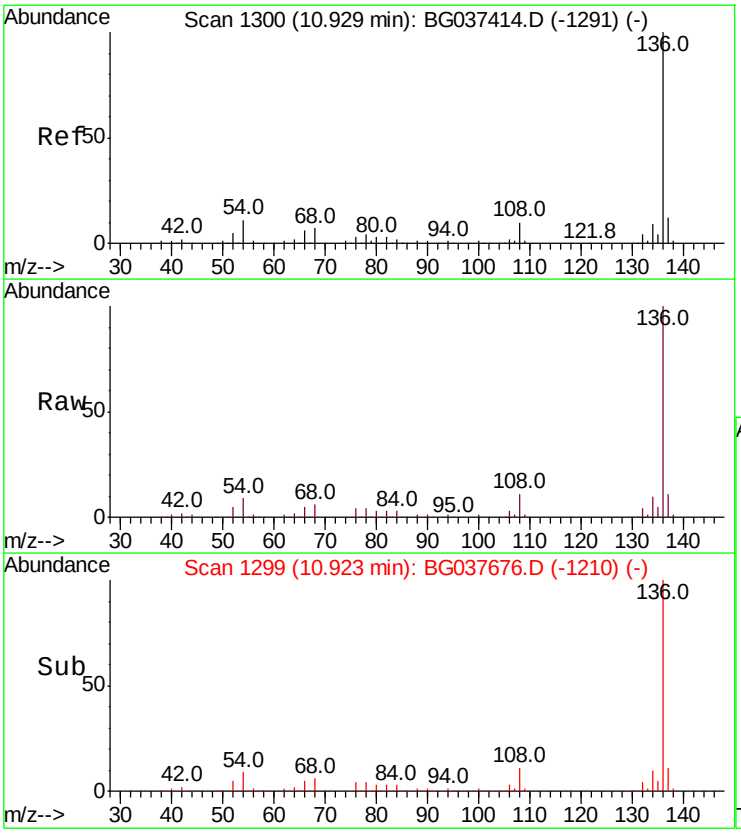
#19
n-Nitroso-di-n-propylamine
Concen: 15.626 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 53104

Ion	Ratio	Lower	Upper
70	100		
42	46.3	53.9	80.9#
101	0.0	8.2	12.2#
130	2.5	18.2	27.4#

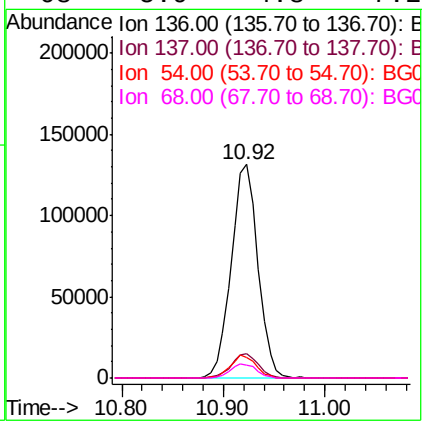


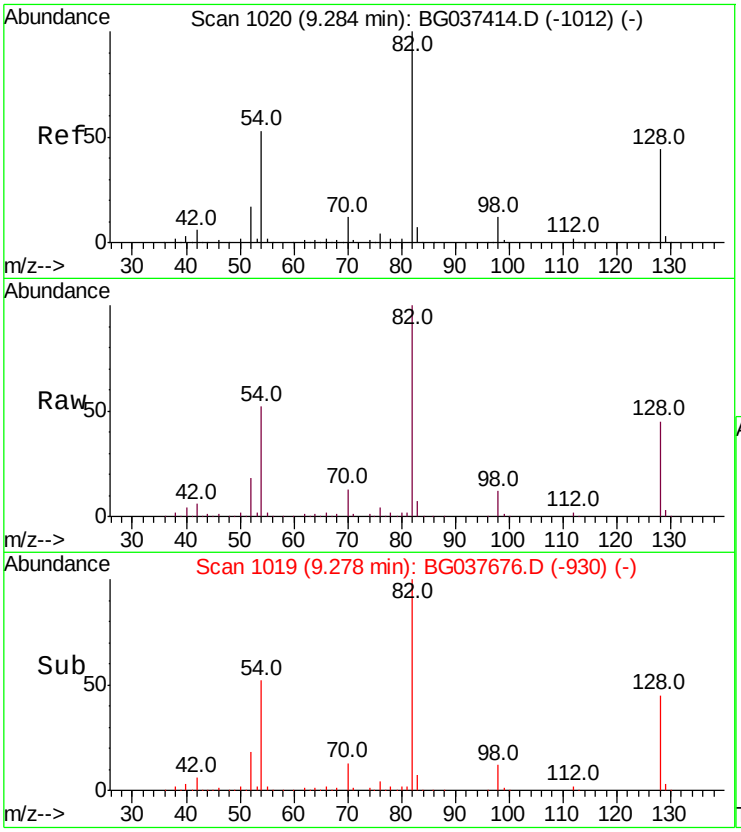


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Tgt Ion:136 Resp: 240511

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	9.4	7.9	11.9
68	5.9	4.8	7.2

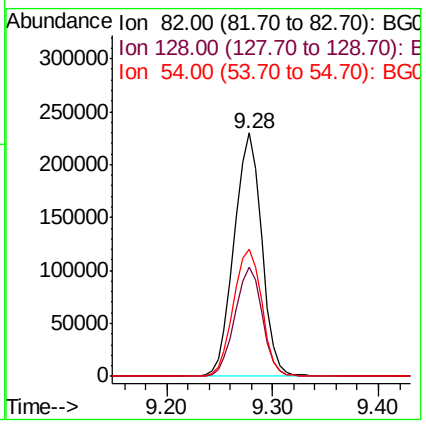




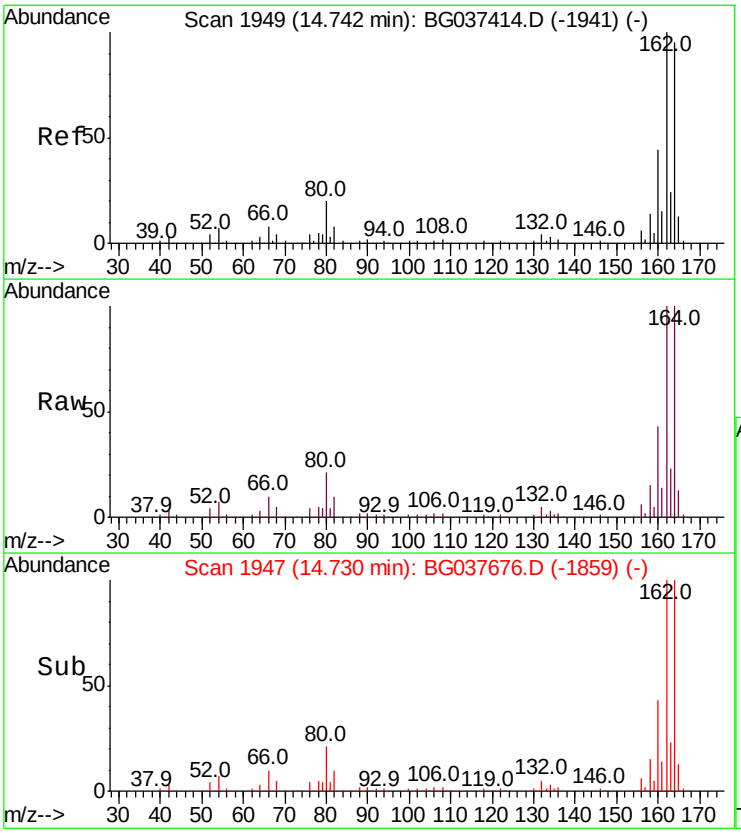
#23
Nitrobenzene-d5
Concen: 96.985 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Tgt Ion: 82 Resp: 416393

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	52.2	45.3	67.9



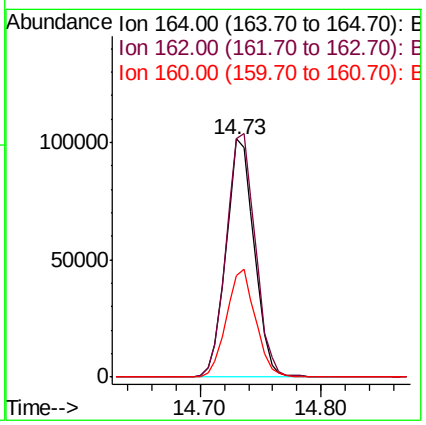
Instrument :
BNA_G
ClientSampleId :

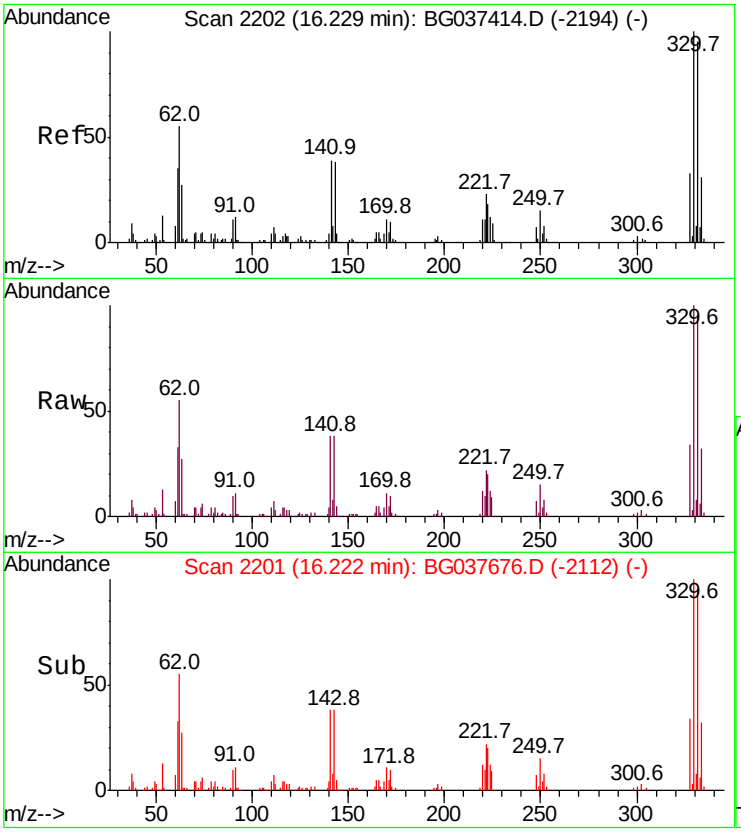


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Tgt Ion:164 Resp: 164864

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.3	121.9
160	42.8	36.3	54.5



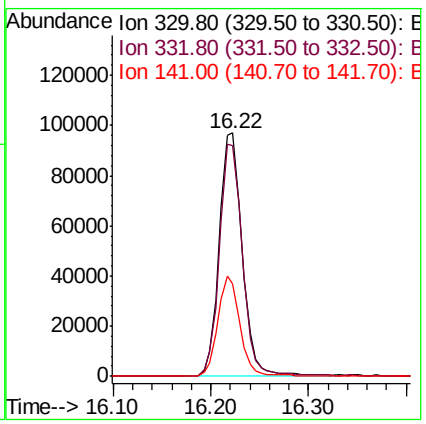


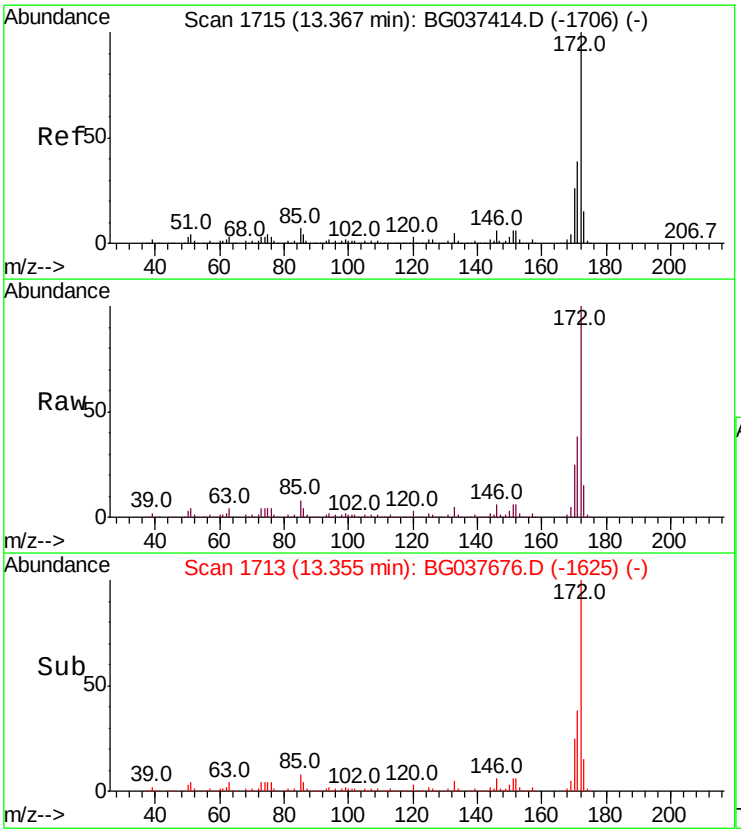
#42
2,4,6-Tribromophenol
Concen: 88.552 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 159230

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.4	117.6
141	39.7	32.2	48.2

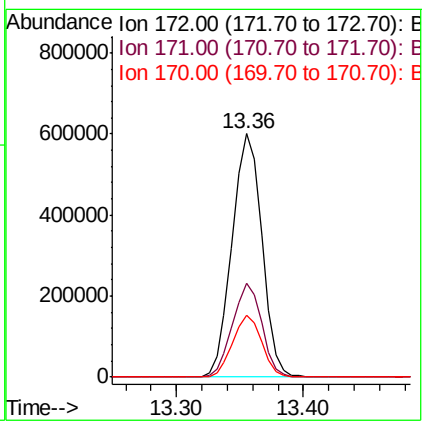


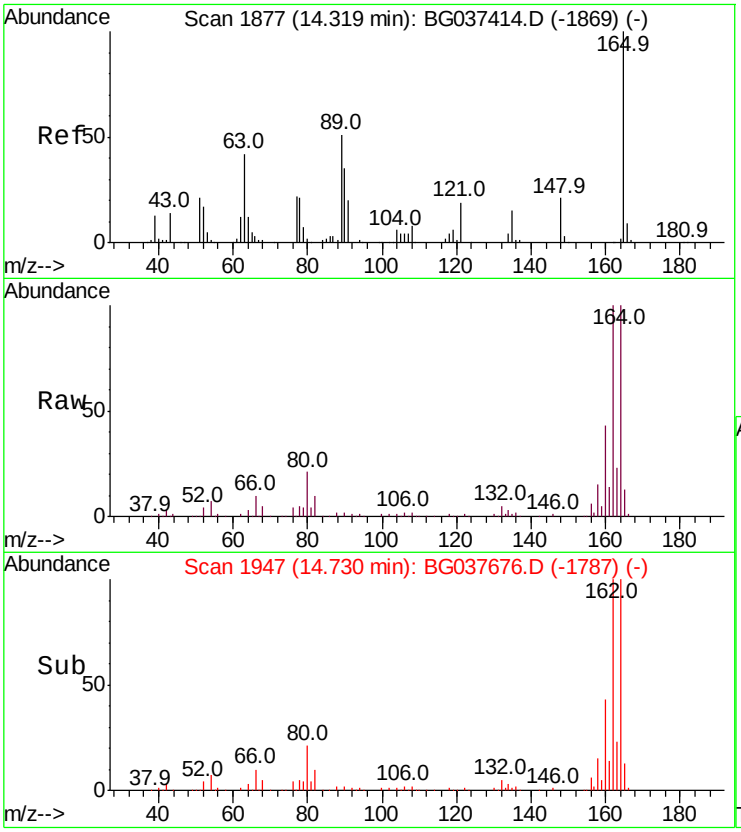


#45
2-Fluorobiphenyl
Concen: 89.722 ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Tgt Ion:172 Resp: 980936

Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	25.2	20.2	30.2



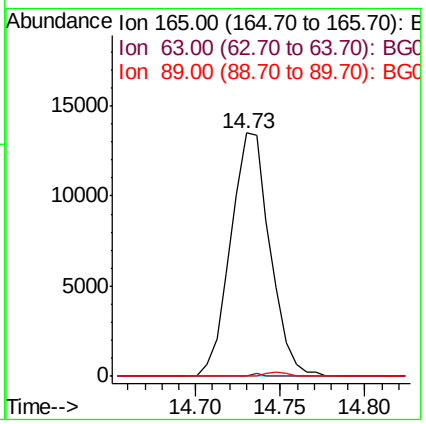


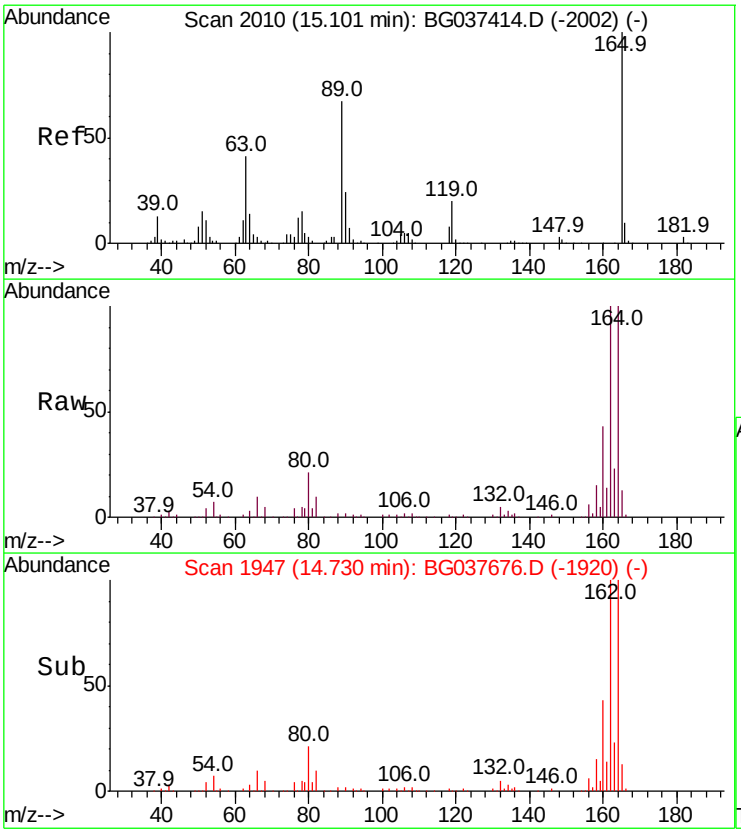
#51
2,6-Dinitrotoluene
Concen: 7.740 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 21837

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

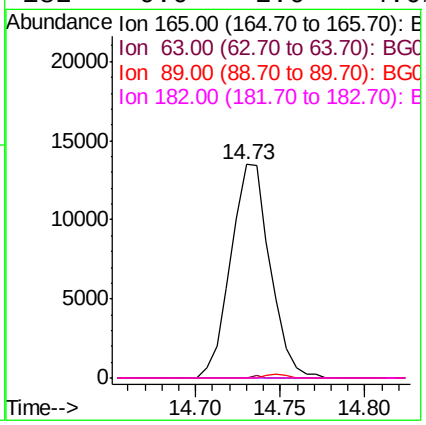


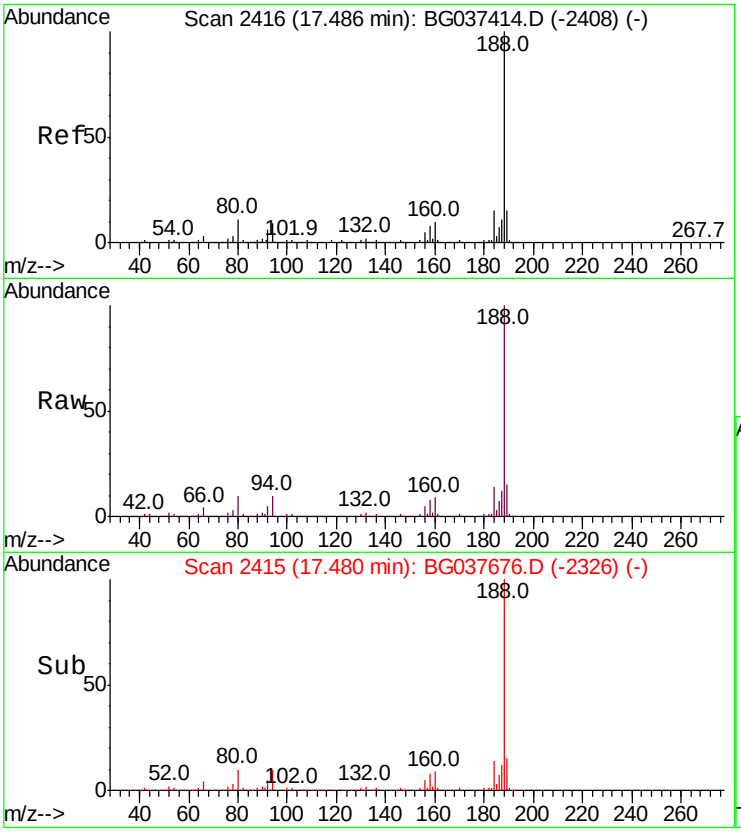


#57
2,4-Dinitrotoluene
Concen: 5.896 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Tgt Ion:165 Resp: 21837

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



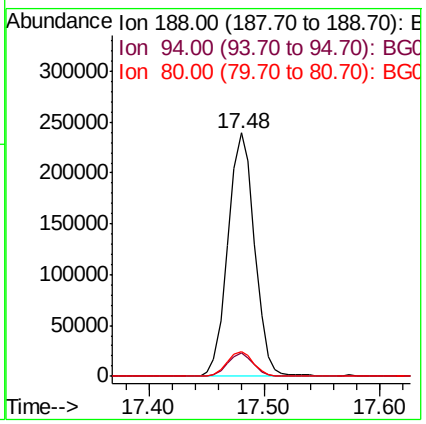


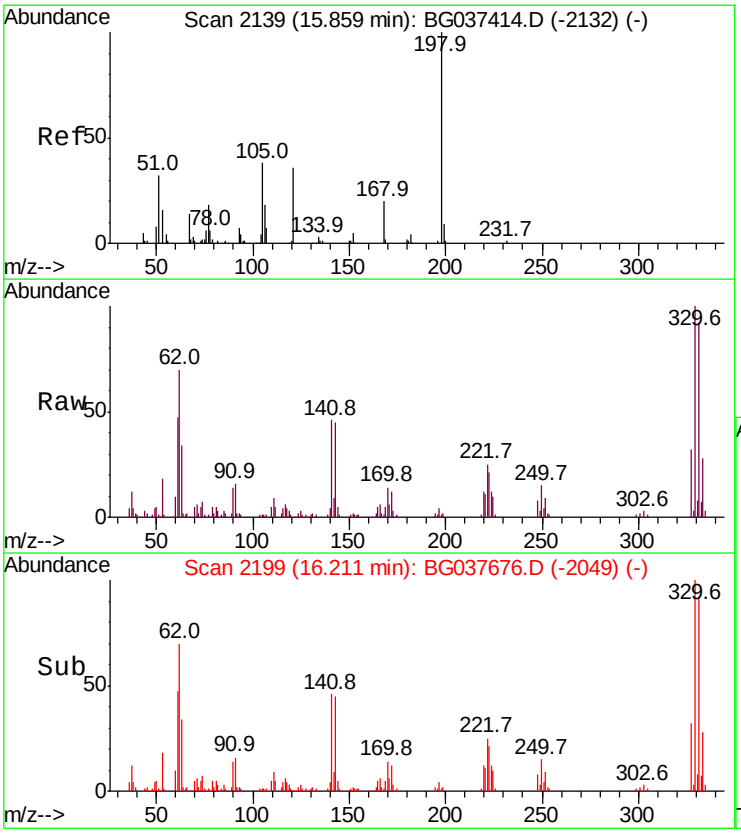
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 383372

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.4	7.7	11.5

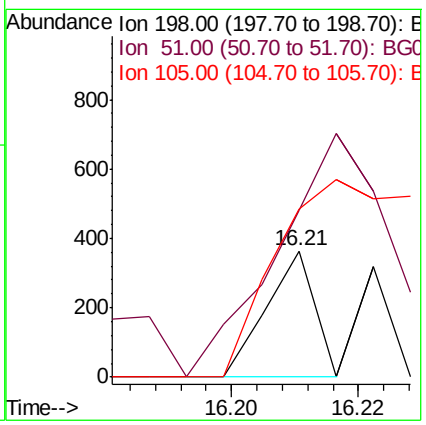


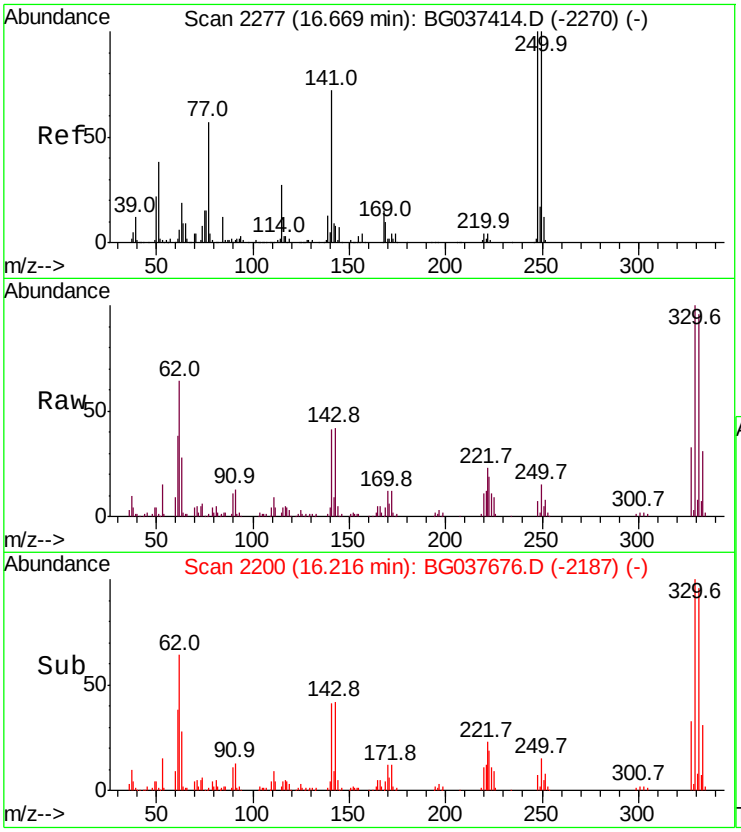


#65
4,6-Dinitro-2-methylphenol
Concen: 8.586 ng
RT: 16.21 min Scan# 2199
Delta R.T. 0.35 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Tgt Ion:198 Resp: 191

Ion	Ratio	Lower	Upper
198	100		
51	28.3	22.7	62.7
105	28.5	19.7	59.7



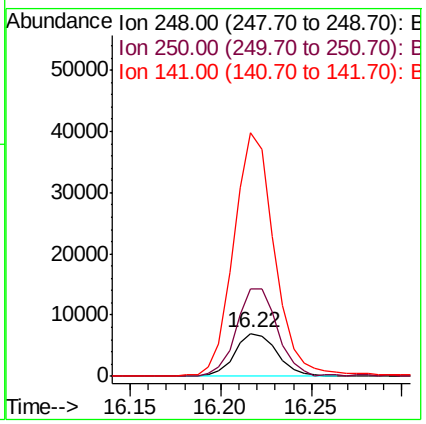


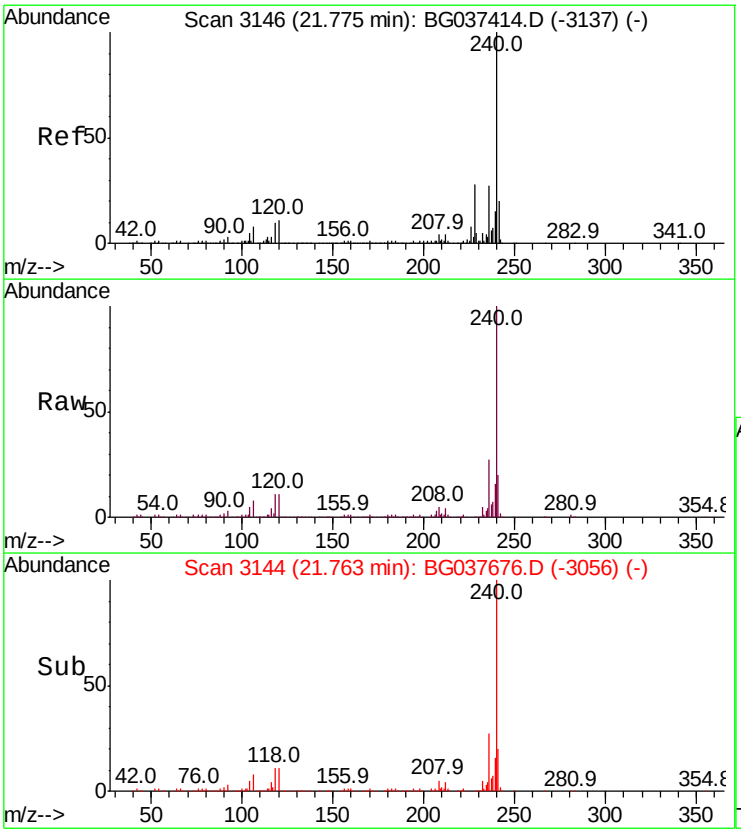
#67
4-Bromophenyl-phenylether
Concen: 2.693 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.45 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 11339

Ion	Ratio	Lower	Upper
248	100		
250	220.9	77.0	115.6#
141	455.0	55.5	83.3#

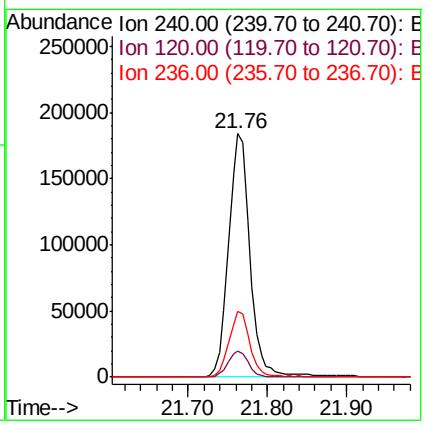


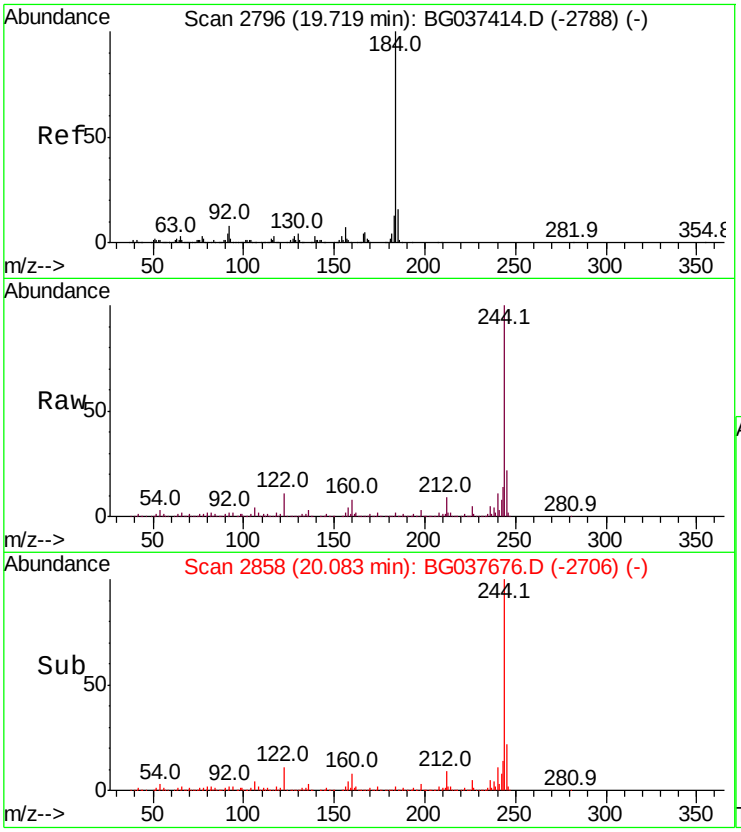


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Tgt Ion:240 Resp: 342879

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	27.0	21.4	32.0



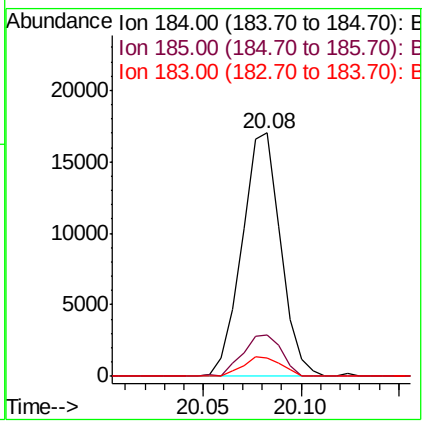


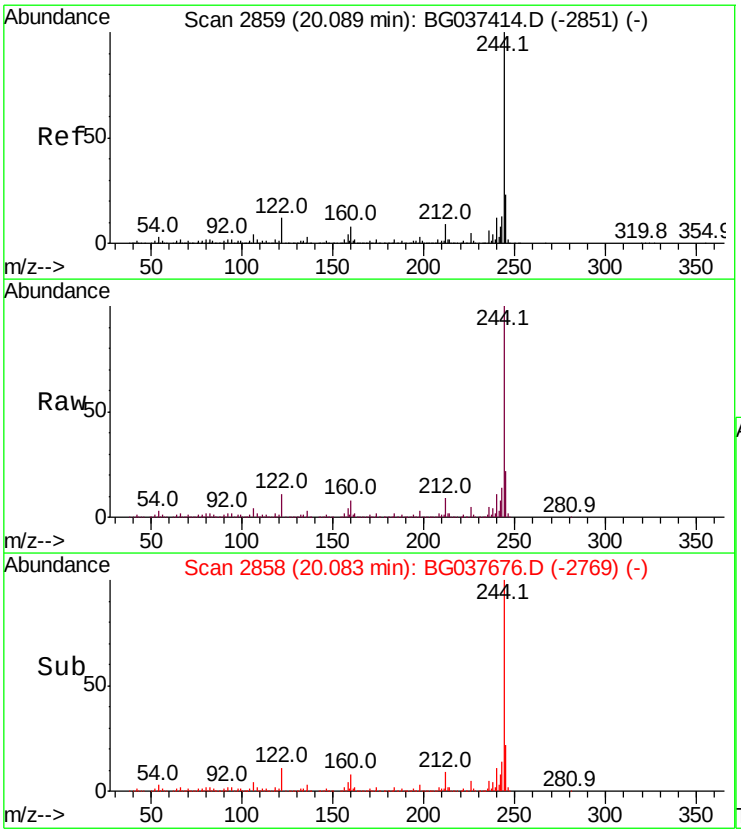
#77
Benzidine
Concen: 2.004 ng
RT: 20.08 min Scan# 2858
Delta R.T. 0.36 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 23369

Ion	Ratio	Lower	Upper
184	100		
185	16.8	12.6	18.8
183	7.5	10.2	15.2#

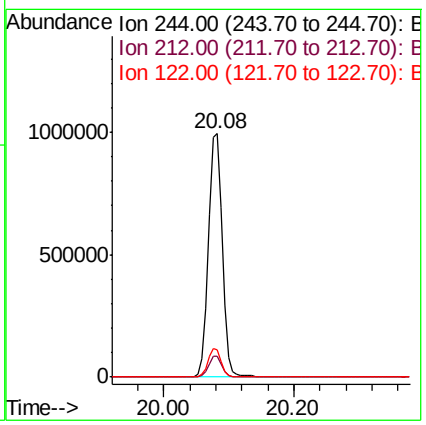


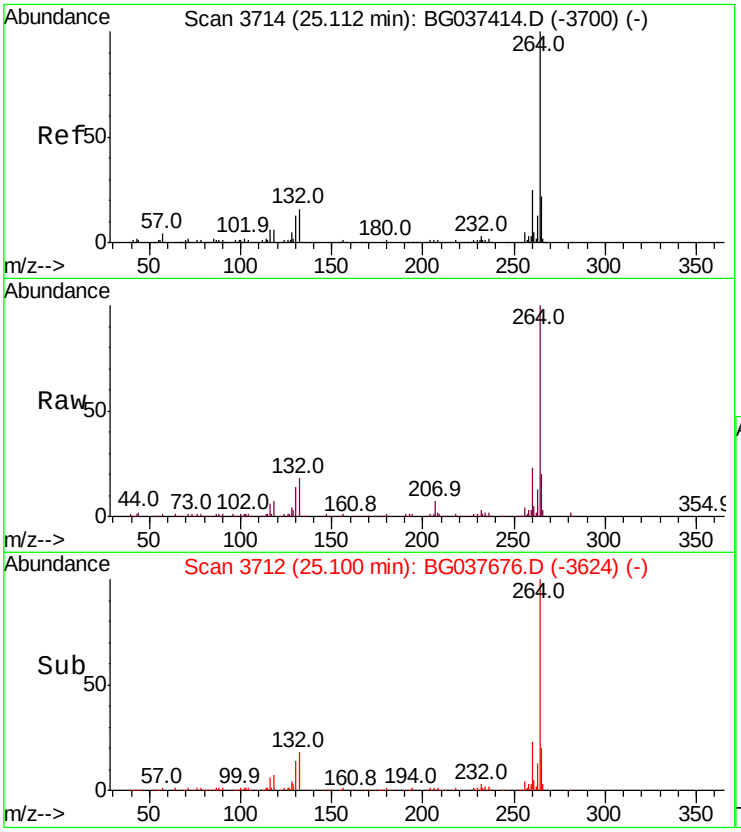


#79
Terphenyl-d14
Concen: 91.579 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Tgt Ion:244 Resp: 1469542

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.5	9.7
122	11.2	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: BG037676.D
Acq: 31 Oct 2018 6:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 318101

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	20.3	17.9	26.9