Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
Data File : BG037941.D
Acq On : 12 Nov 2018 12:41
Operator : JU/SJ
Sample : J5860-25DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 12 14:23:31 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	51975	20.00	ng		-0.01
21) Naphthalene-d8	10.91	136	215791	20.00	ng		-0.02
39) Acenaphthene-d10	14.72	164	148107	20.00	ng		-0.02
64) Phenanthrene-d10	17.47	188	327051	20.00	ng		-0.01
76) Chrysene-d12	21.75	240	282689	20.00	ng		-0.02
87) Perylene-d12	25.09	264	218575	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	44280	14.24	ng		-0.01
7) Phenol-d6	7.23	99	71496	15.21	ng		-0.02
23) Nitrobenzene-d5	9.27	82	39628	10.29	ng		-0.01
42) 2,4,6-Tribromophenol	16.21	330	15606	9.66	ng		-0.01
45) 2-Fluorobiphenyl	13.35	172	101185	10.30	ng		-0.02
79) Terphenyl-d14	20.07	244	148702	11.24	ng		-0.02
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.84	42	3526	2.491	ng	#	1
9) Benzaldehyde	7.22	77	29189	9.926	ng	#	1
18) Hexachloroethane	9.19	117	232485	164.657	ng	#	1
19) n-Nitroso-di-n-propylamine	8.93	70	14235	4.397	ng	#	49
22) Acetophenone	8.88	105	147831	27.316	ng	#	53
24) Nitrobenzene	9.28	77	31899	7.971	ng	#	8
31) Naphthalene	10.96	128	139559	13.167	ng	#	82
35) Caprolactam	11.88	113	13505	9.396	ng	#	1
37) 2-Methylnaphthalene	12.56	142	643769	83.322	ng		98
38) 1-Methylnaphthalene	12.78	142	258439	34.443	ng		98
51) 2,6-Dinitrotoluene	14.72	165	19570	7.721	ng	#	24
54) 2,4-Dinitrophenol	15.26	184	64	6.216	ng	#	26
57) 2,4-Dinitrotoluene	14.72	165	19570	5.882	ng	#	24
65) 4,6-Dinitro-2-methylphenol	16.27	198	56	8.534	ng	#	19

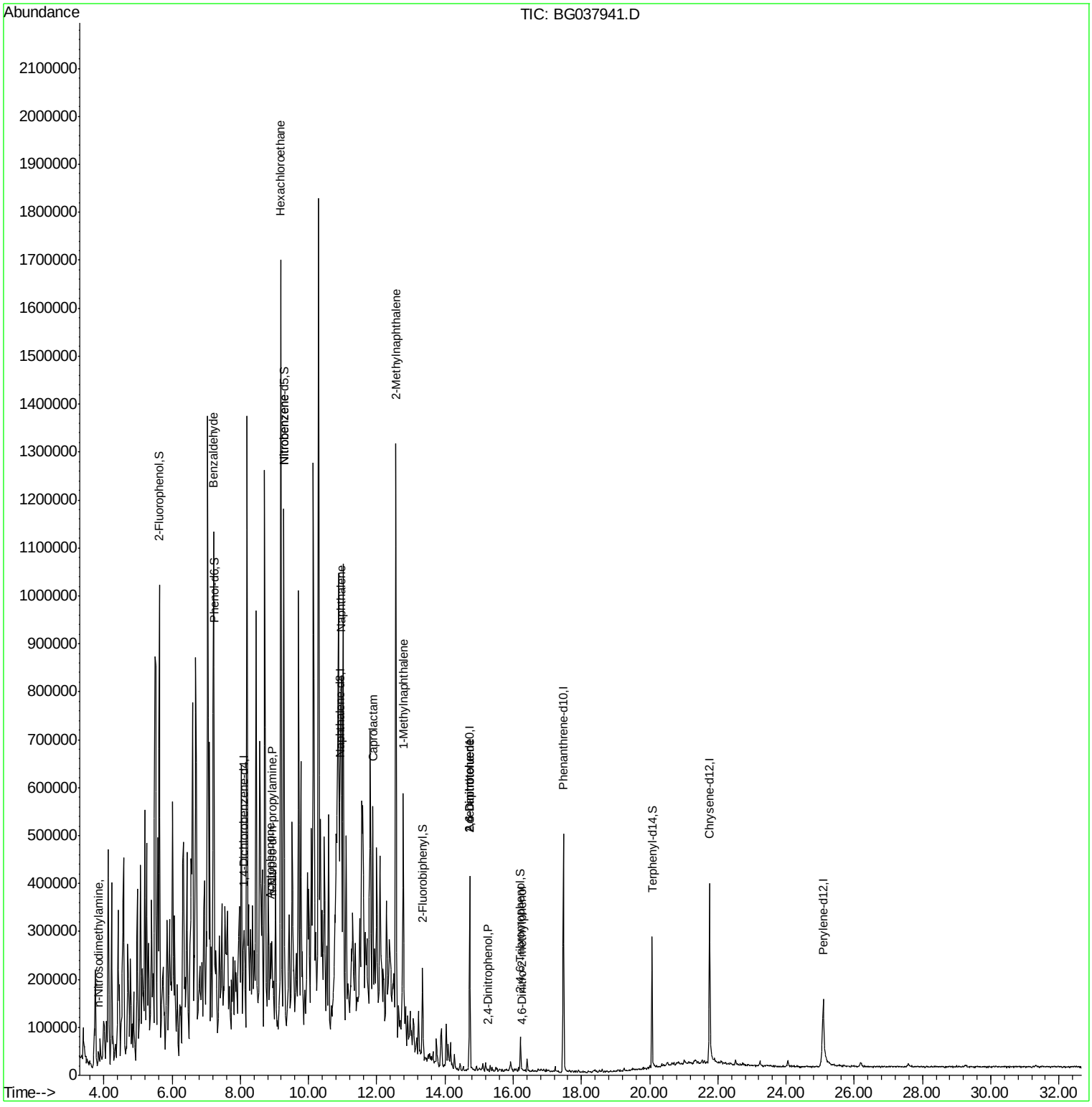
(#) = qualifier out of range (m) = manual integration (+) = signals summed

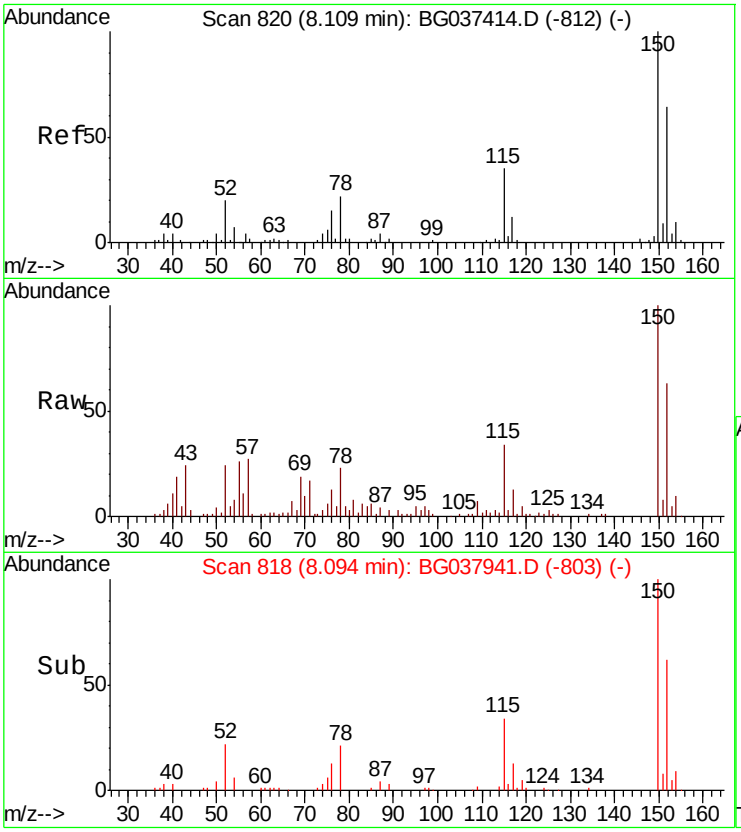
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
Data File : BG037941.D
Acq On : 12 Nov 2018 12:41
Operator : JU/SJ
Sample : J5860-25DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 12 14:23:31 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



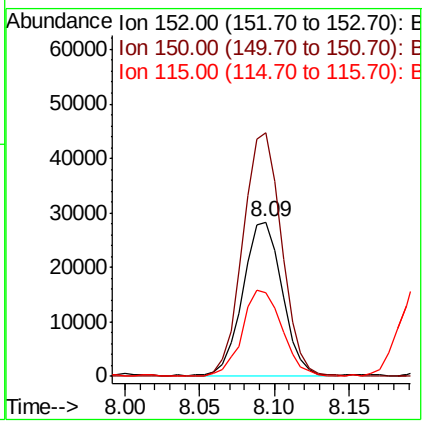


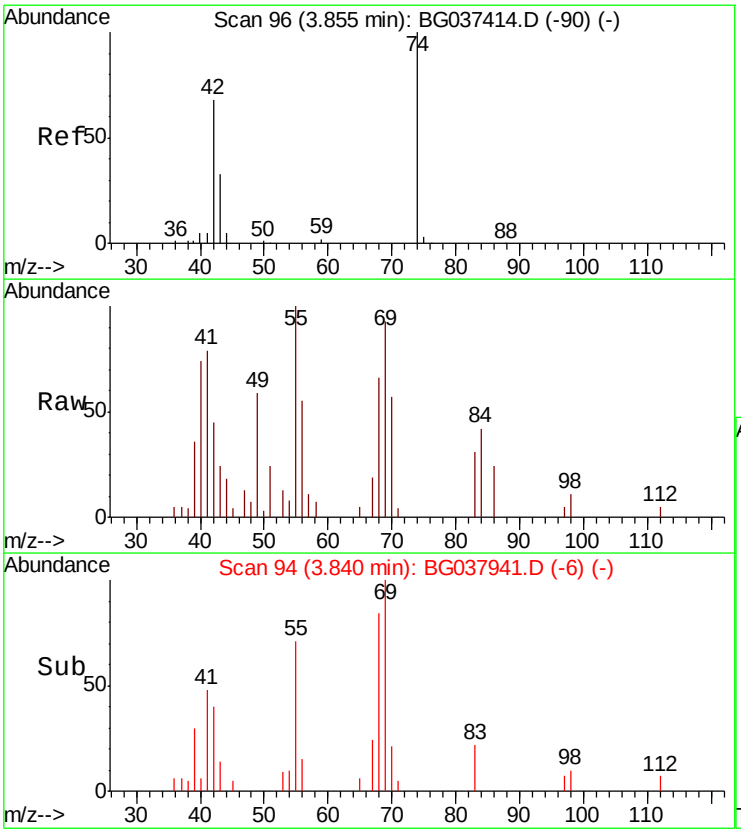
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 51975

Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.0	189.0
115	53.9	45.5	68.3

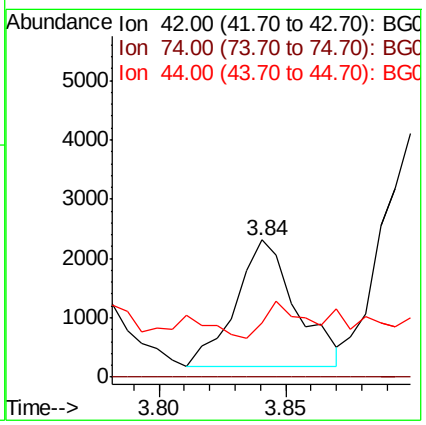


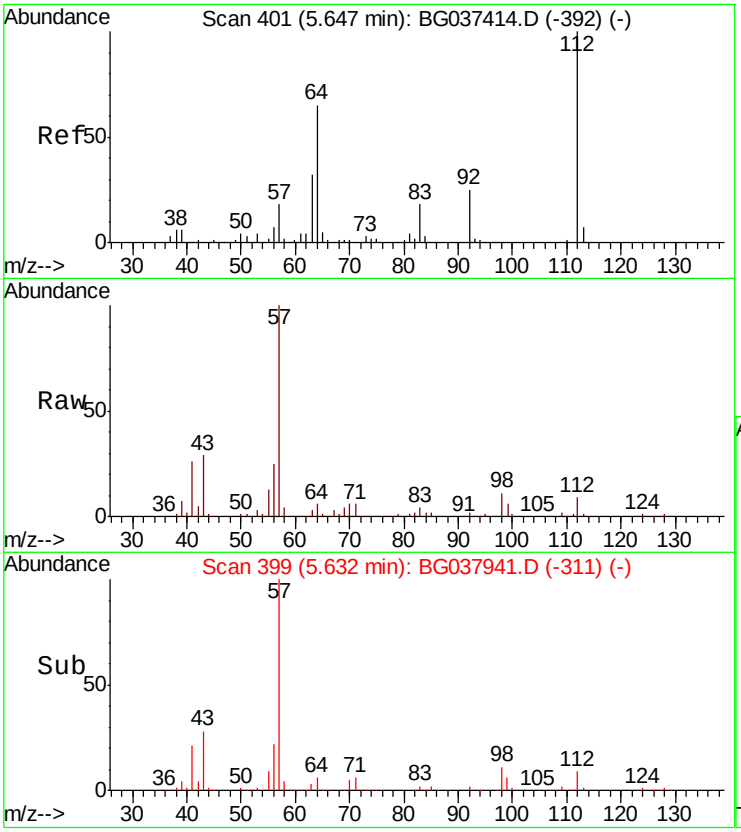


#4
n-Nitrosodimethylamine
Concen: 2.491 ng
RT: 3.84 min Scan# 94
Delta R.T. -0.01 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Tgt Ion: 42 Resp: 3526

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.0	153.0#
44	39.7	9.6	14.4#



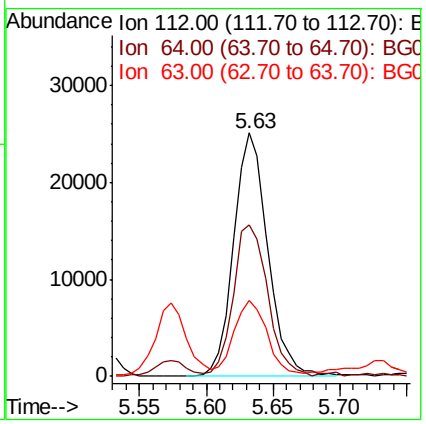


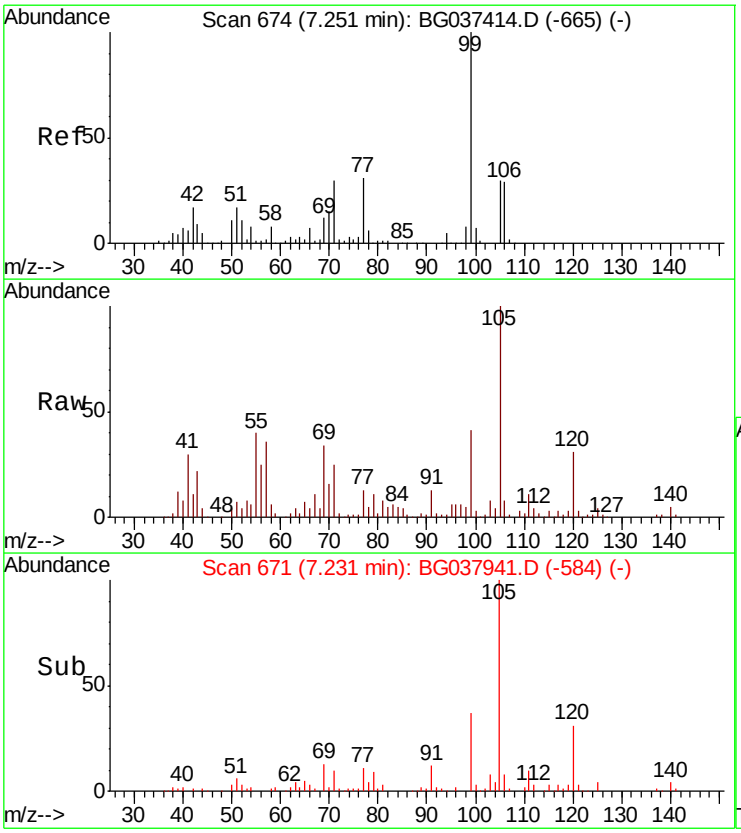
#5
2-Fluorophenol
Concen: 14.243 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 44280

Ion	Ratio	Lower	Upper
112	100		
64	62.2	53.1	79.7
63	31.4	27.3	40.9

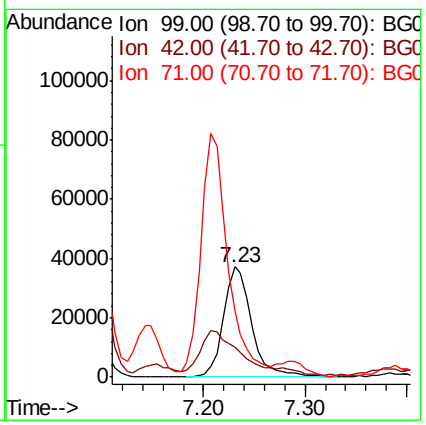


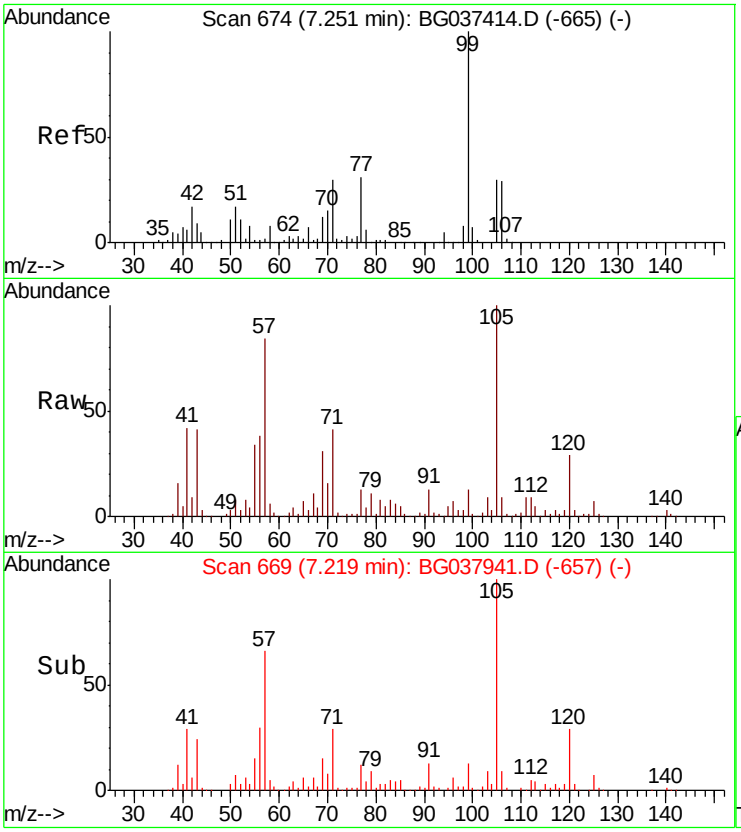


#7
Phenol-d6
Concen: 15.209 ng
RT: 7.23 min Scan# 671
Delta R.T. -0.02 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Tgt Ion: 99 Resp: 71496

Ion	Ratio	Lower	Upper
99	100		
42	26.9	15.0	22.4#
71	59.5	25.5	38.3#



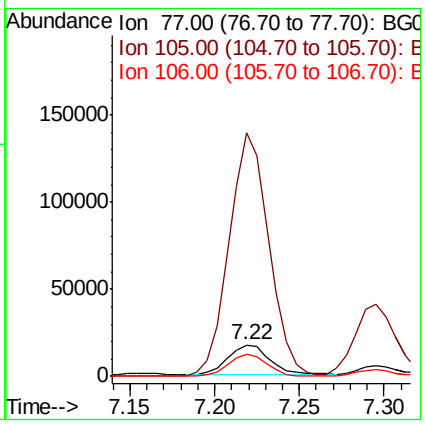


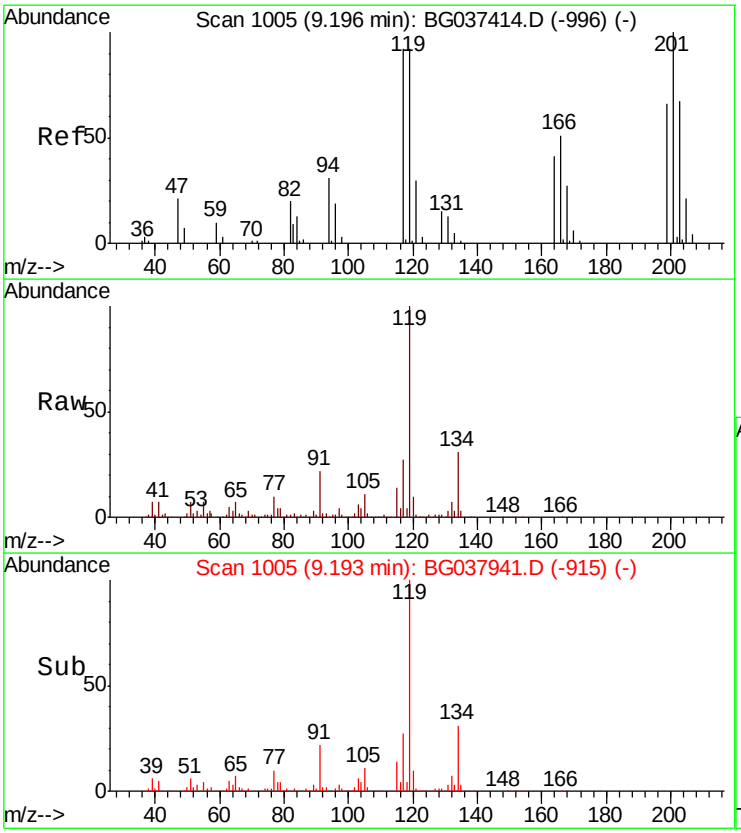
#9
Benzaldehyde
Concen: 9.926 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.03 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 29189

Ion	Ratio	Lower	Upper
77	100		
105	778.3	72.6	112.6#
106	71.2	71.3	111.3#

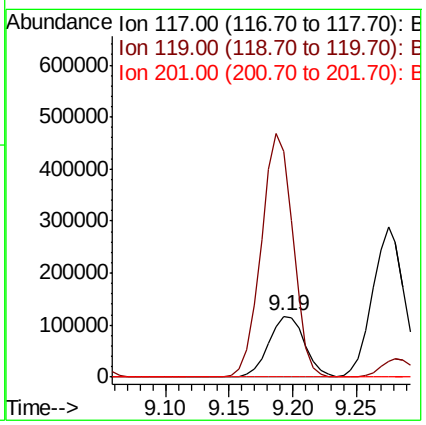


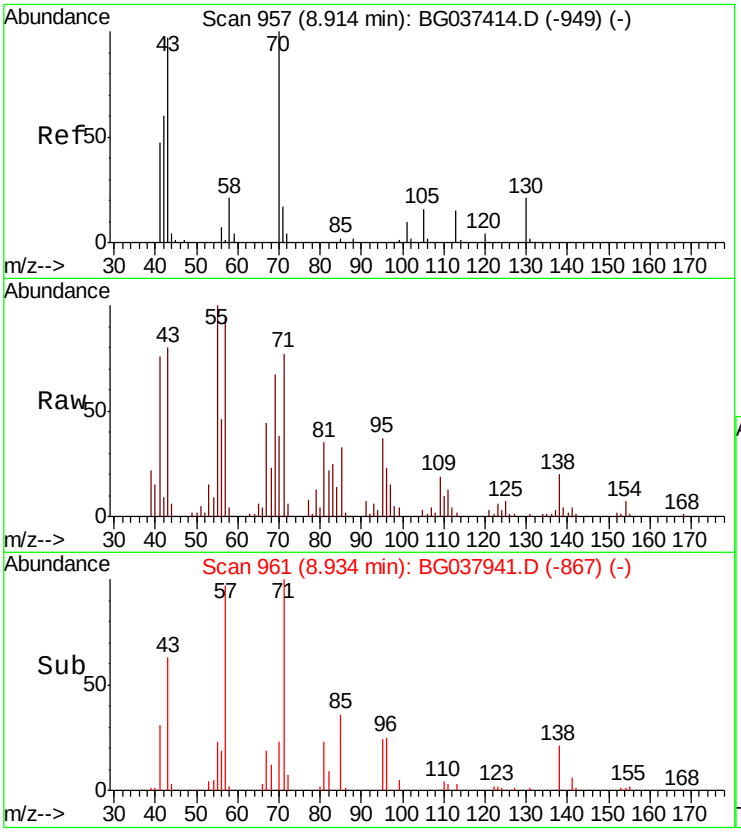


#18
Hexachloroethane
Concen: 164.657 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Tgt Ion:117 Resp: 232485

Ion	Ratio	Lower	Upper
117	100		
119	372.8	74.6	111.8#
201	0.0	80.8	121.2#



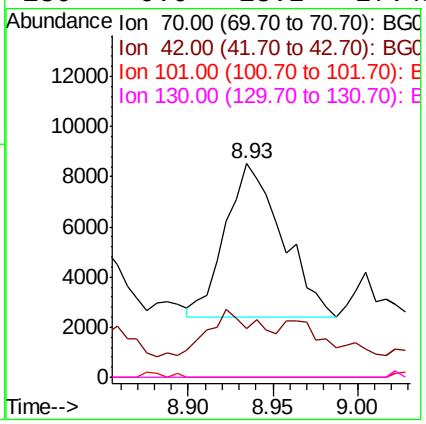


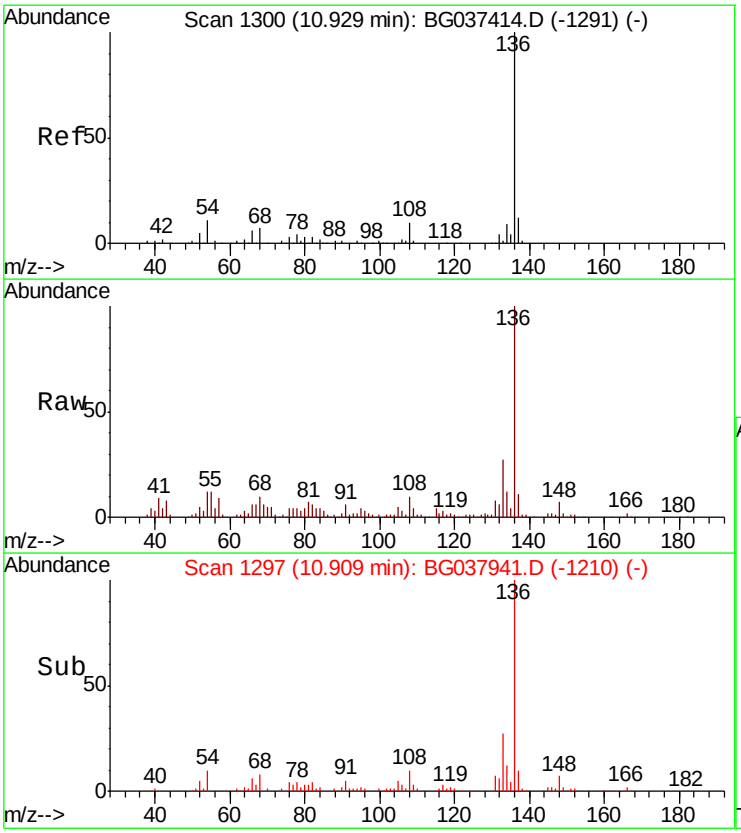
#19
n-Nitroso-di-n-propylamine
Concen: 4.397 ng
RT: 8.93 min Scan# 961
Delta R.T. 0.02 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 14235

Ion	Ratio	Lower	Upper
70	100		
42	22.8	53.9	80.9#
101	0.0	8.2	12.2#
130	0.0	18.2	27.4#

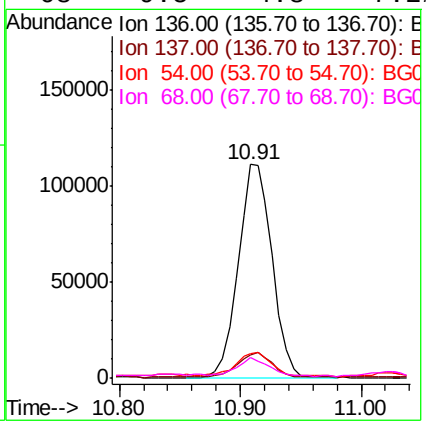


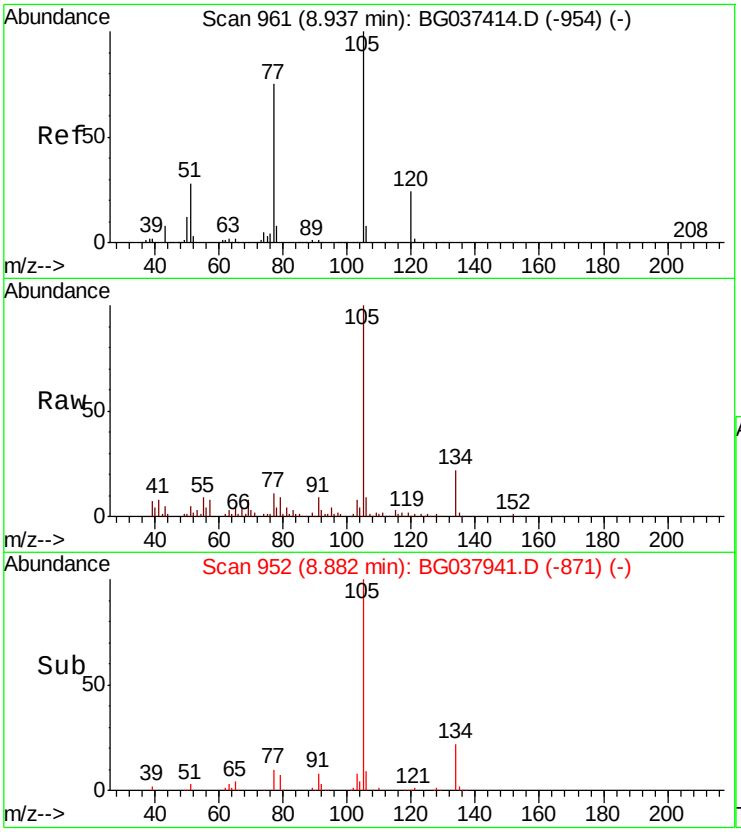


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Tgt Ion:136 Resp: 215791

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	11.6	7.9	11.9
68	9.5	4.8	7.2#



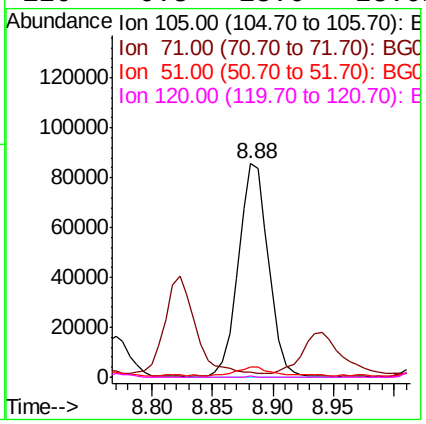


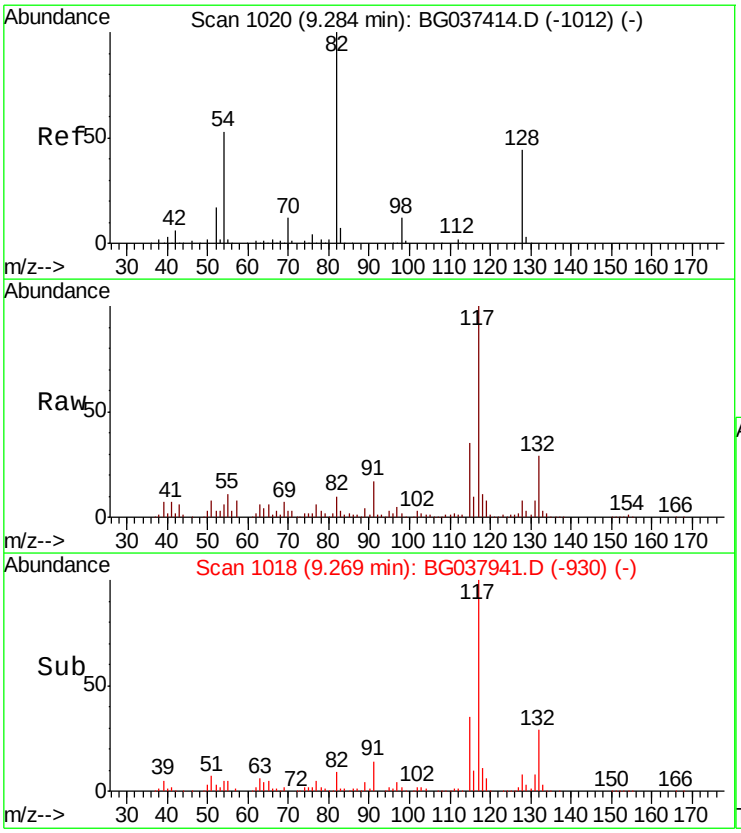
#22
Acetophenone
Concen: 27.316 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.06 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:105 Resp: 147831

Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.2	1.8#
51	4.6	25.0	37.6#
120	0.3	18.6	28.0#

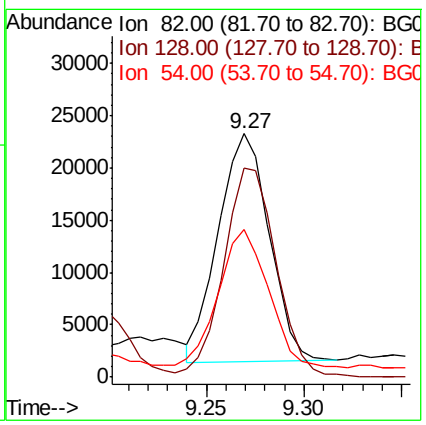


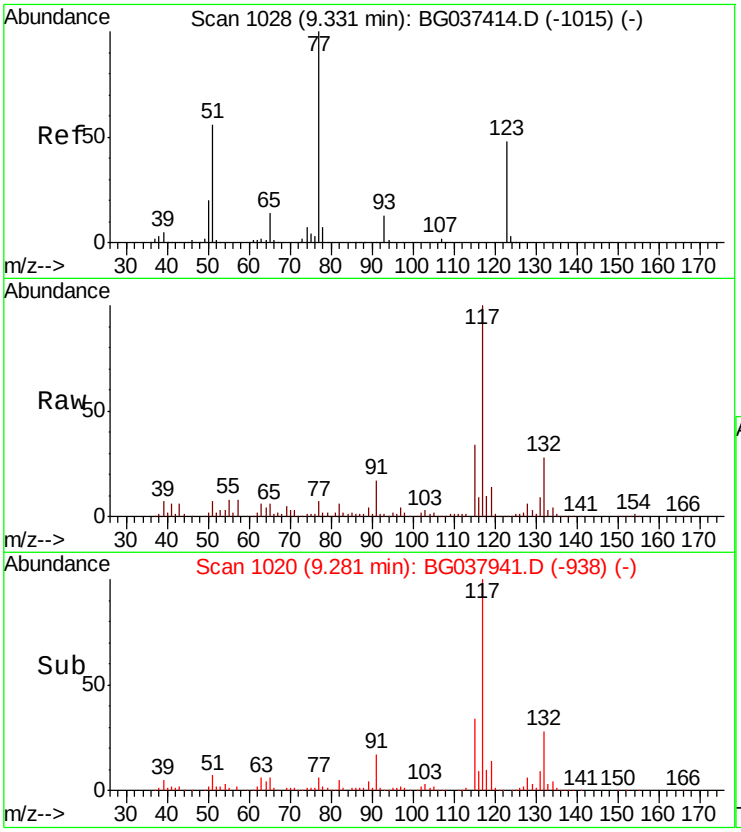


#23
Nitrobenzene-d5
Concen: 10.287 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Tgt Ion: 82 Resp: 39628

Ion	Ratio	Lower	Upper
82	100		
128	85.6	34.6	51.8#
54	60.5	45.3	67.9



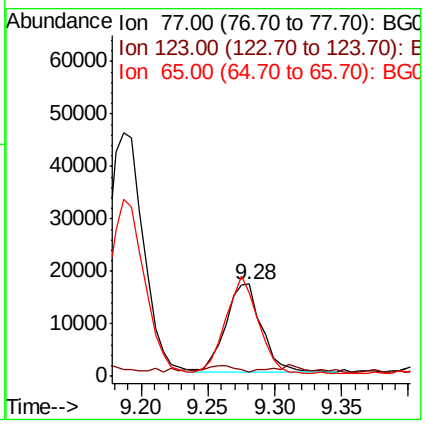


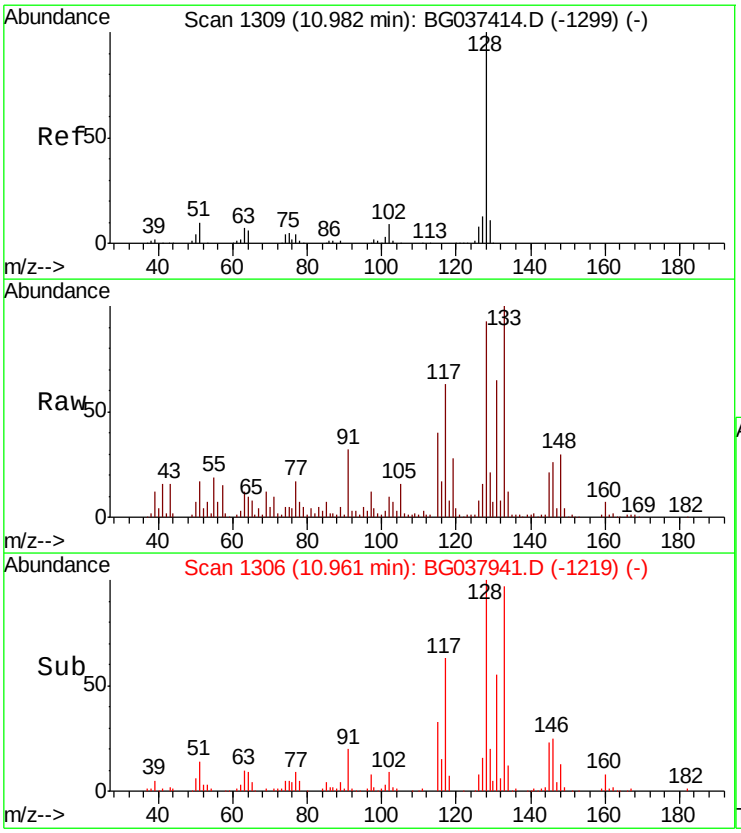
#24
Nitrobenzene
Concen: 7.971 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.05 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 31899

Ion	Ratio	Lower	Upper
77	100		
123	4.3	33.6	50.4#
65	90.8	11.3	16.9#

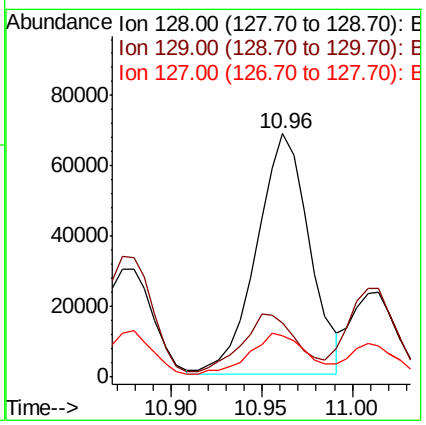


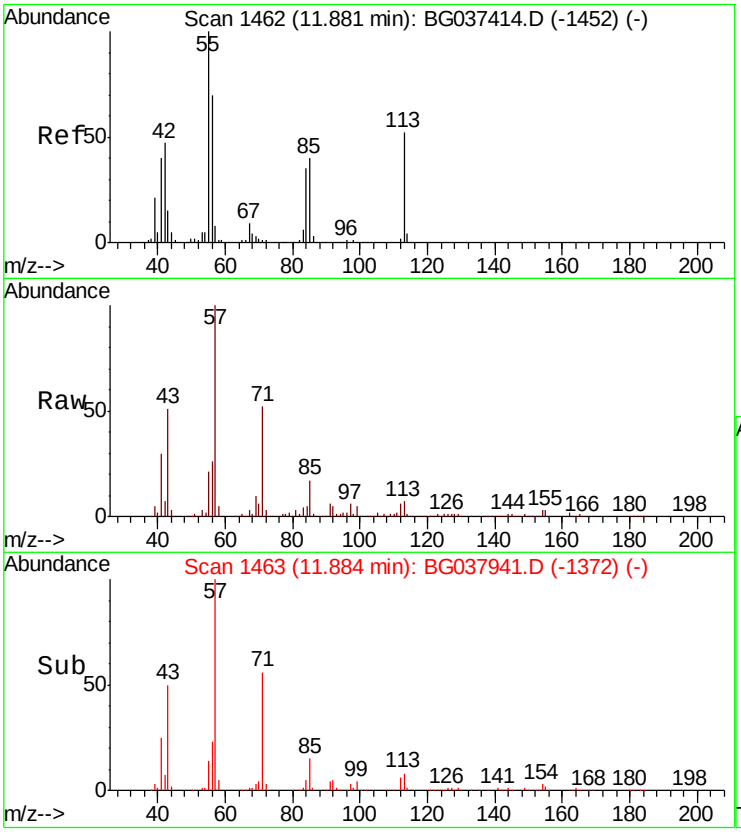


#31
Naphthalene
Concen: 13.167 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Tgt Ion:128 Resp: 139559

Ion	Ratio	Lower	Upper
128	100		
129	22.4	9.0	13.6#
127	17.2	11.1	16.7#



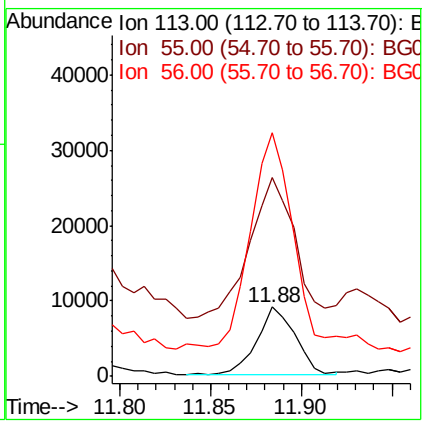


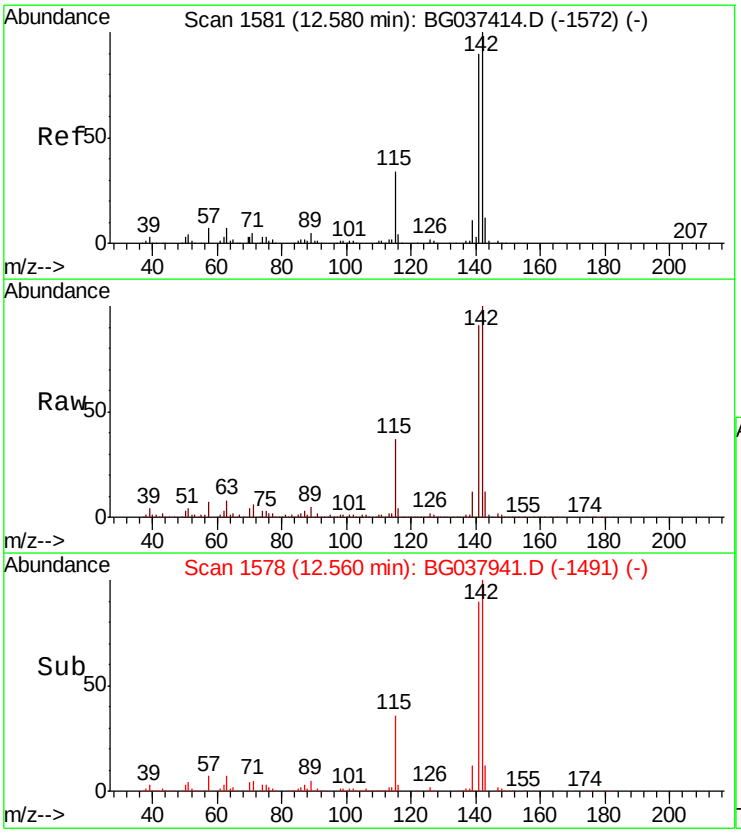
#35
Caprolactam
Concen: 9.396 ng
RT: 11.88 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:113 Resp: 13505

Ion	Ratio	Lower	Upper
113	100		
55	286.9	176.6	216.6#
56	350.6	128.3	168.3#

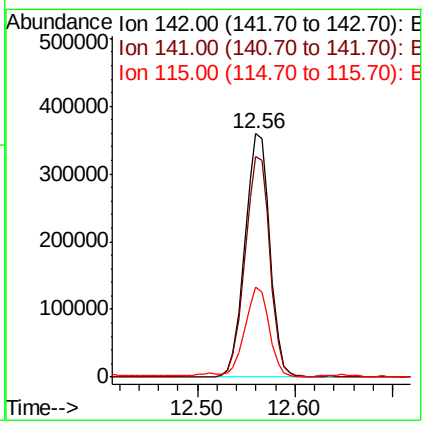


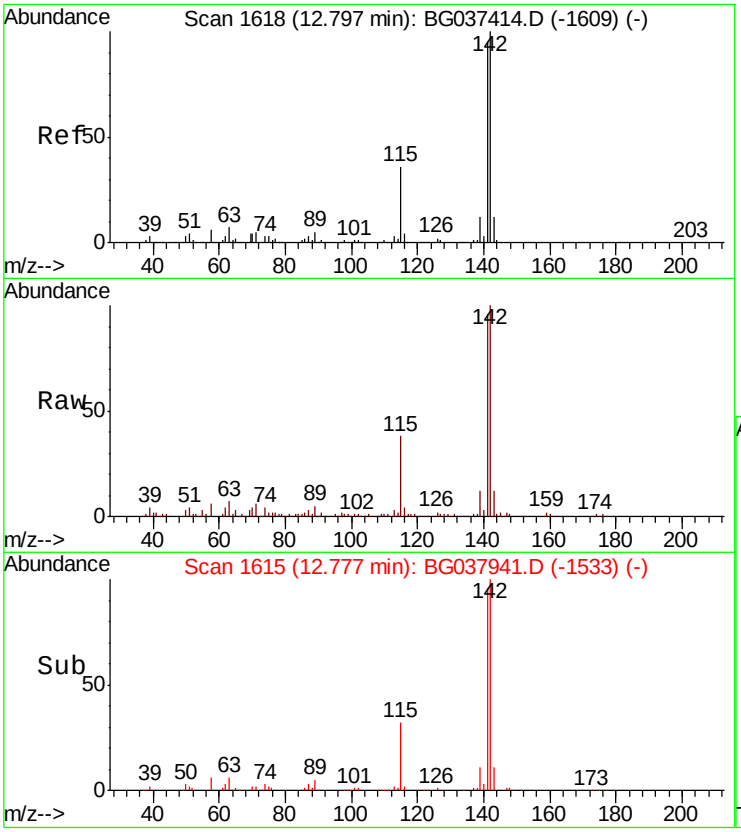


#37
2-Methylnaphthalene
Concen: 83.322 ng
RT: 12.56 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Tgt Ion:142 Resp: 643769

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.9	107.9
115	36.9	27.8	41.8



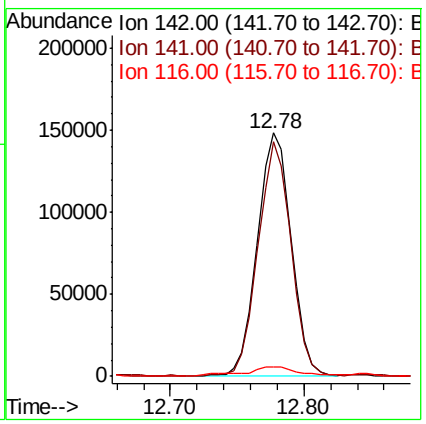


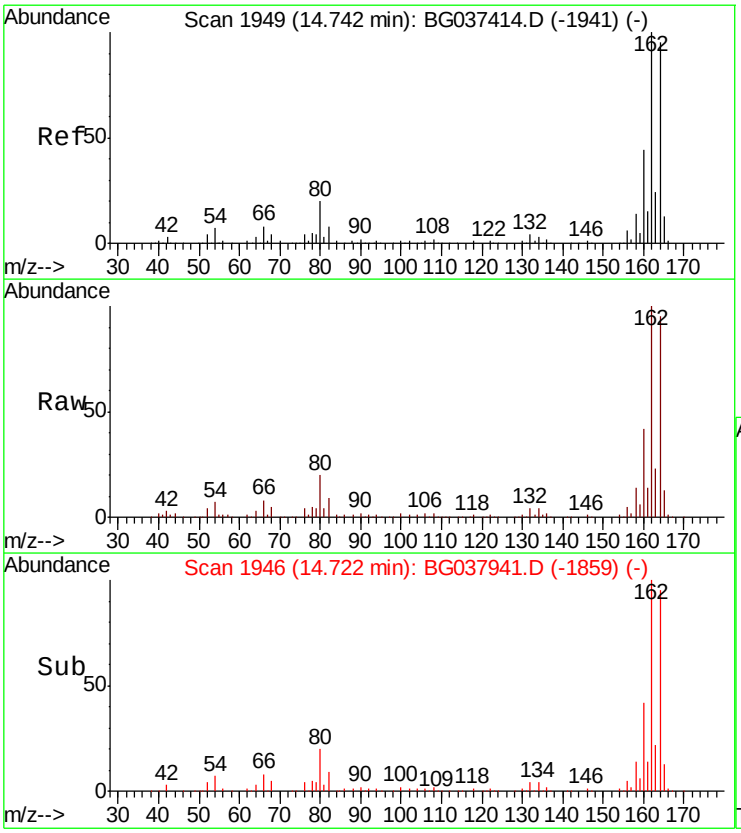
#38
1-Methylnaphthalene
Concen: 34.443 ng
RT: 12.78 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 258439

Ion	Ratio	Lower	Upper
142	100		
141	96.2	75.2	112.8
116	4.0	3.3	4.9

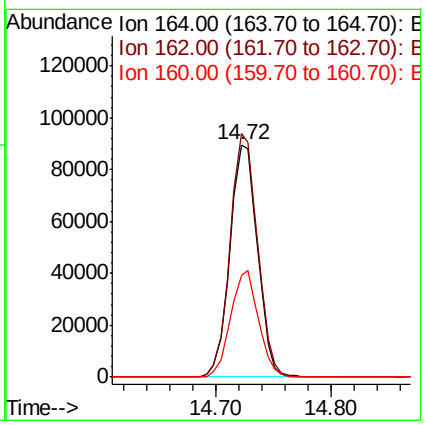


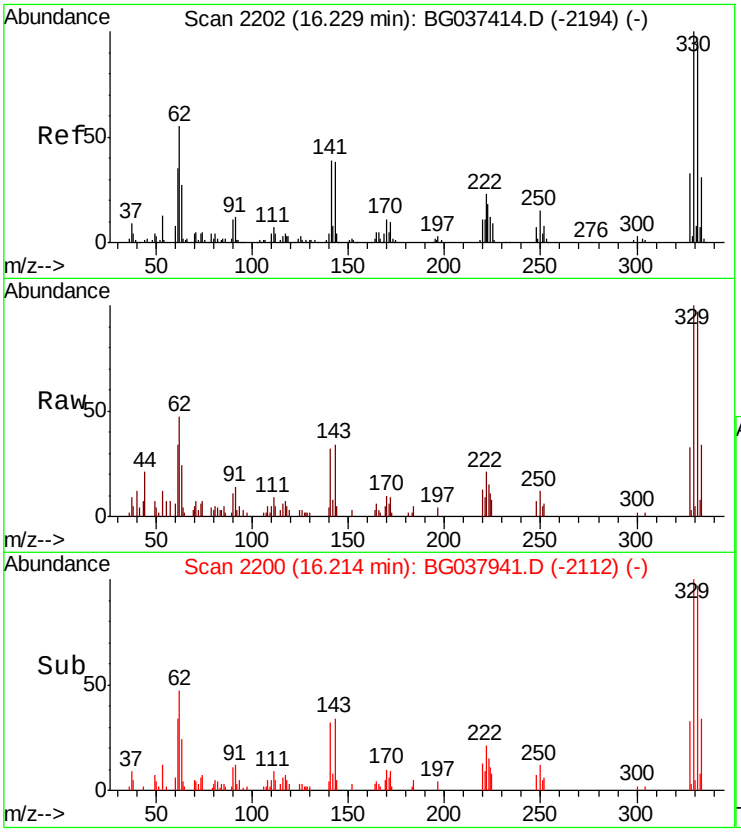


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Tgt Ion:164 Resp: 148107

Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.3	121.9
160	43.5	36.3	54.5



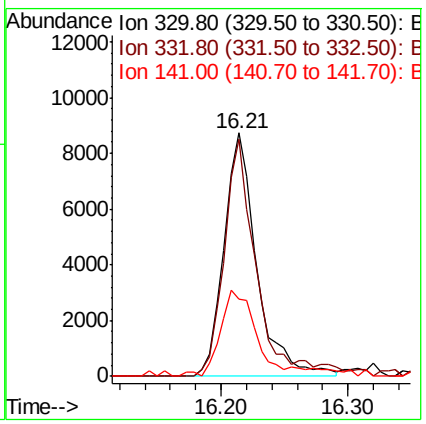


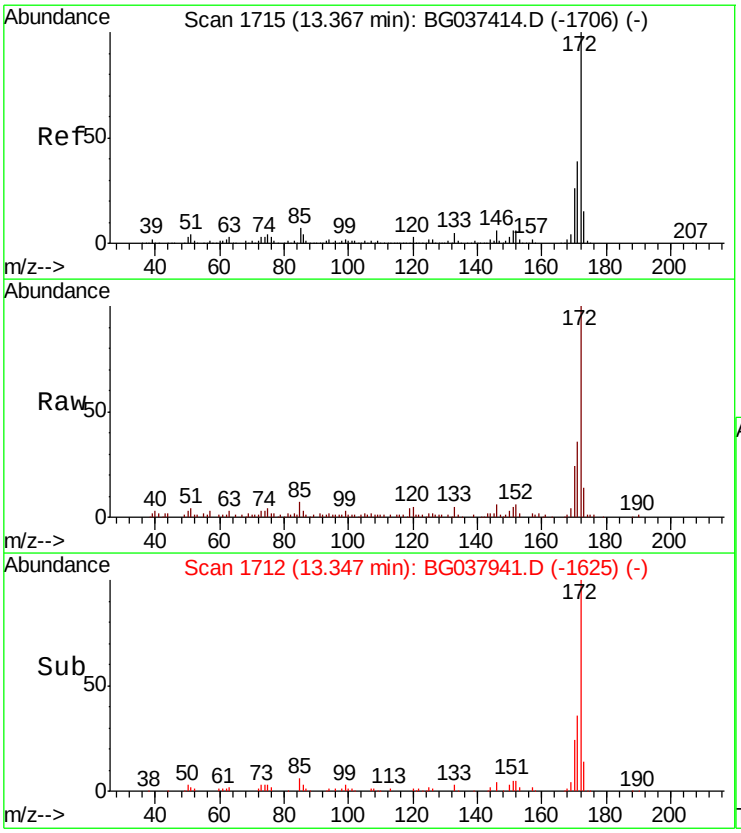
#42
2,4,6-Tribromophenol
Concen: 9.661 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 15606

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.4	117.6
141	42.8	32.2	48.2

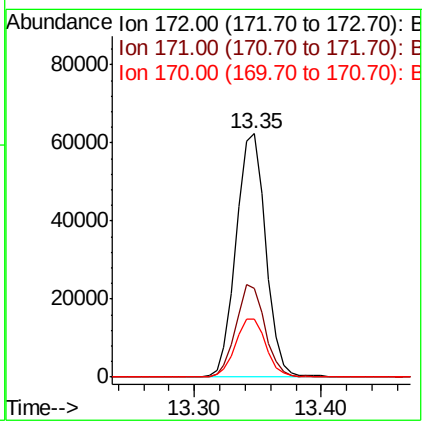


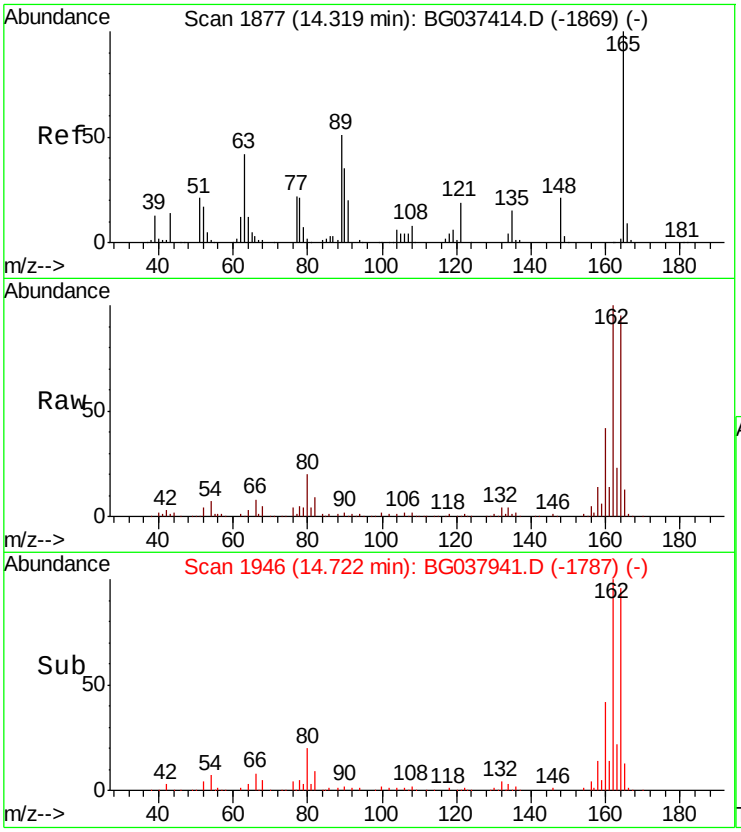


#45
2-Fluorobiphenyl
Concen: 10.302 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Tgt Ion:172 Resp: 101185

Ion	Ratio	Lower	Upper
172	100		
171	36.3	31.0	46.4
170	23.8	20.2	30.2



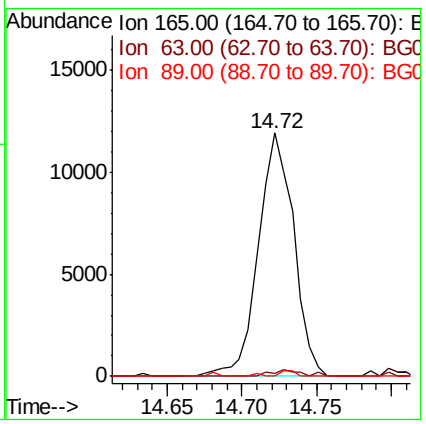


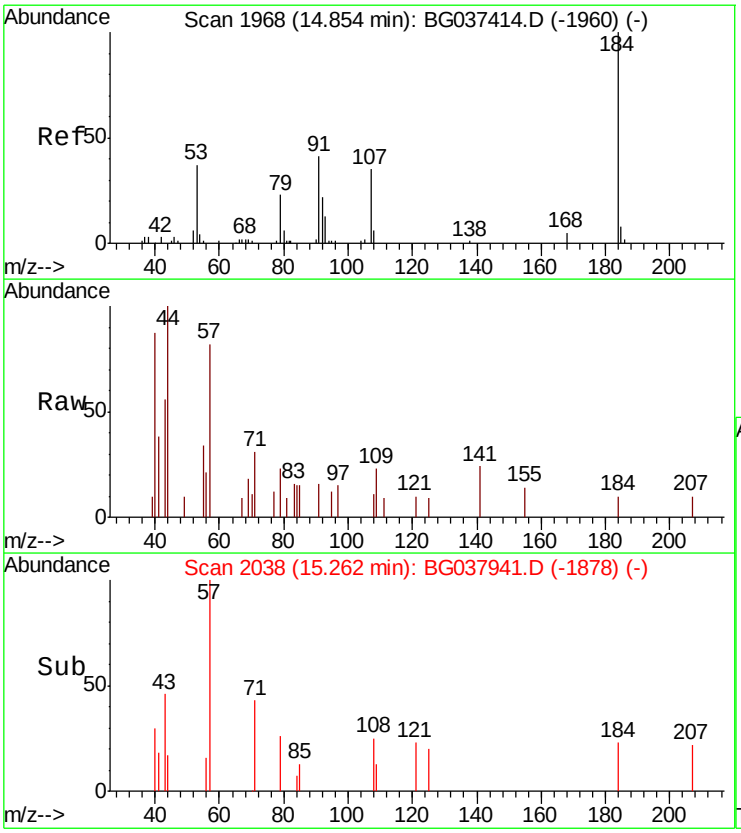
#51
2,6-Dinitrotoluene
Concen: 7.721 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.40 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 19570

Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.2#
89	0.0	45.8	68.6#

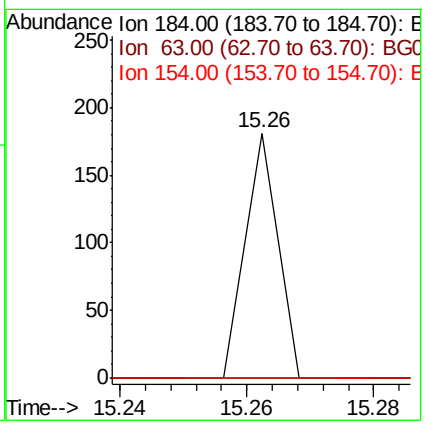


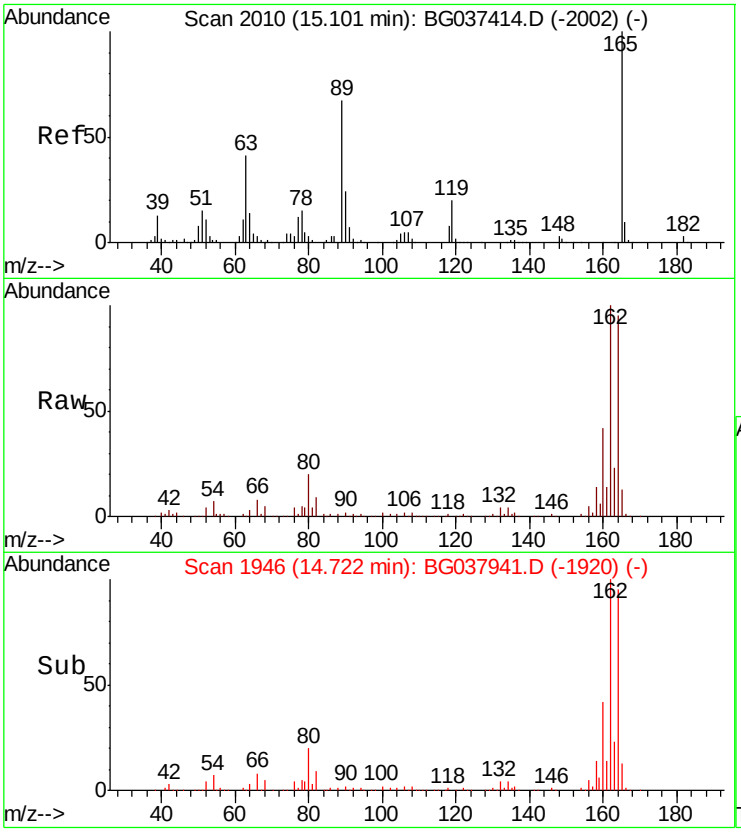


#54
2,4-Dinitrophenol
Concen: 6.216 ng
RT: 15.26 min Scan# 2038
Delta R.T. 0.41 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Tgt Ion:184 Resp: 64

Ion	Ratio	Lower	Upper
184	100		
63	0.0	42.6	63.8#
154	0.0	41.8	62.6#



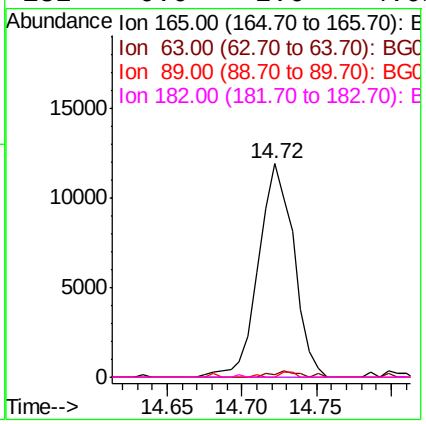


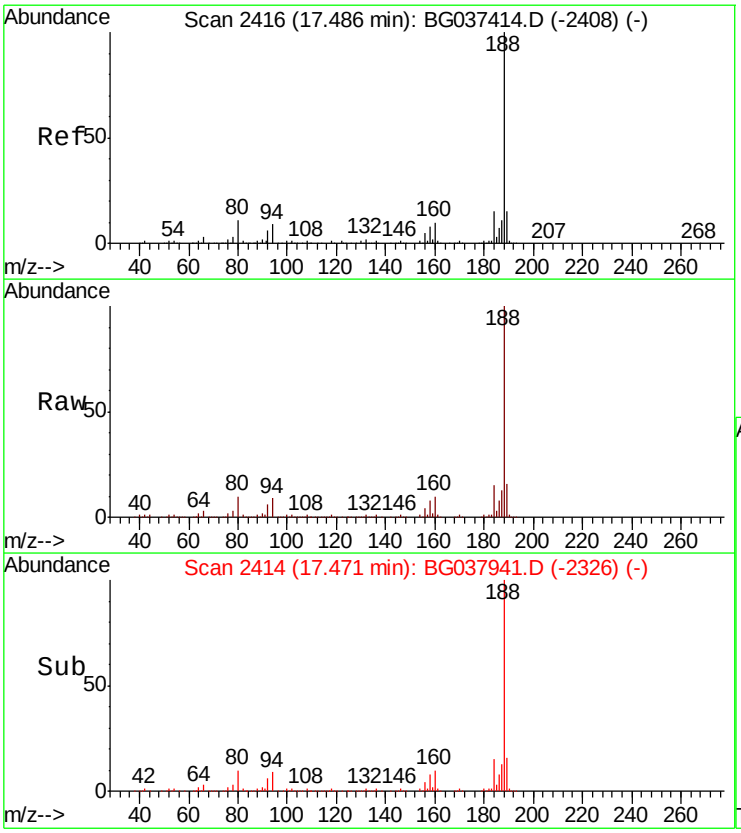
#57
2,4-Dinitrotoluene
Concen: 5.882 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.38 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 19570

Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

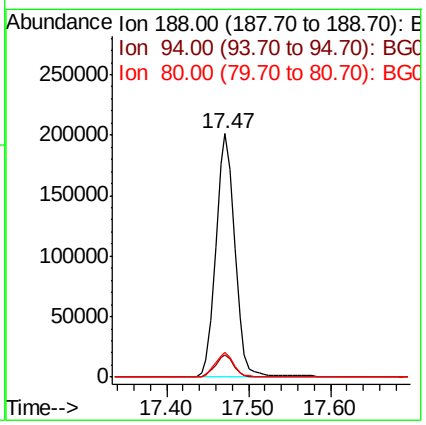


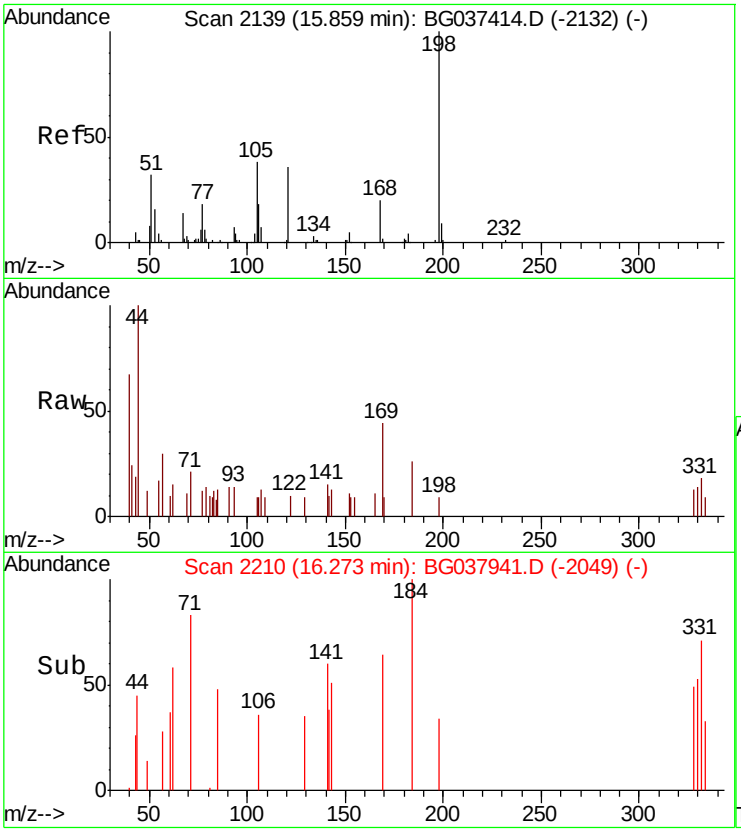


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Tgt Ion:188 Resp: 327051

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.0	7.7	11.5



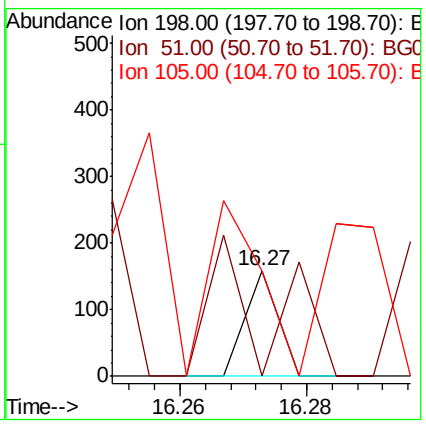


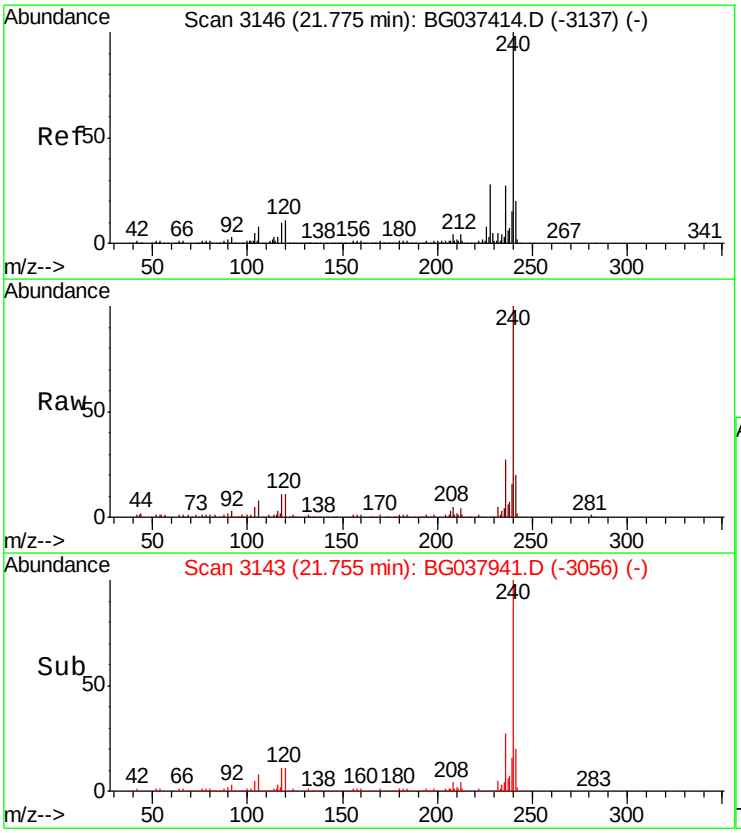
#65
4,6-Dinitro-2-methylphenol
Concen: 8.534 ng
RT: 16.27 min Scan# 2210
Delta R.T. 0.41 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 56

Ion	Ratio	Lower	Upper
198	100		
51	0.0	22.7	62.7#
105	99.4	19.7	59.7#

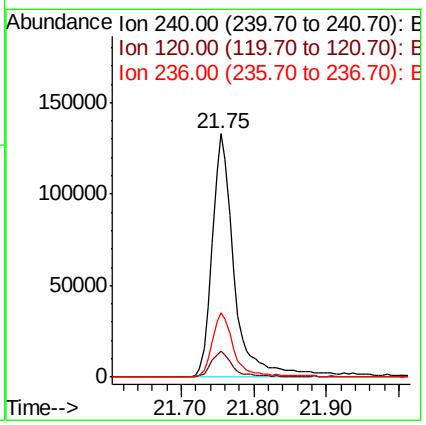


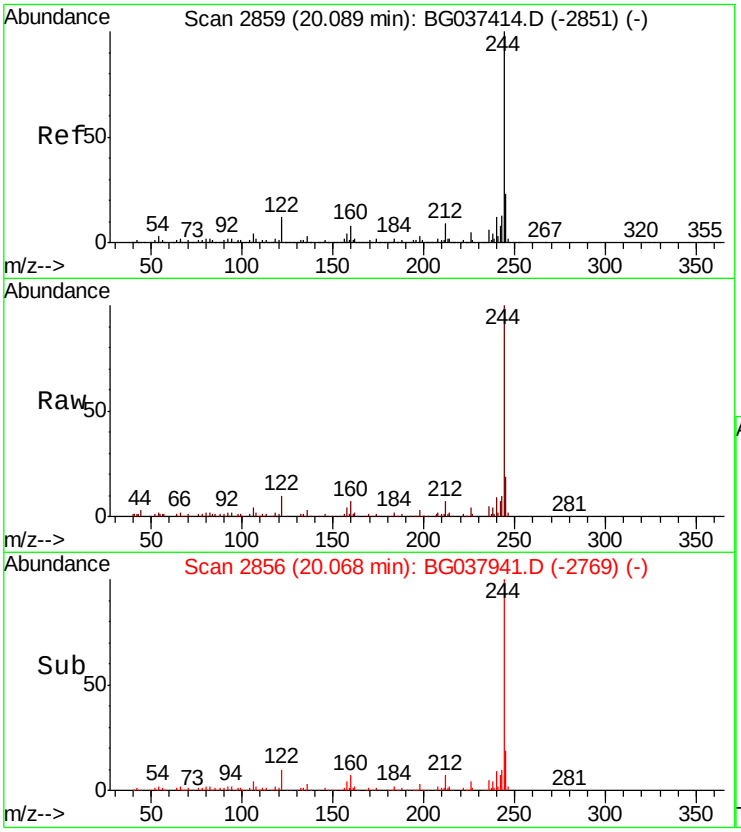


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Tgt Ion:240 Resp: 282689

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.1	12.1
236	26.6	21.4	32.0



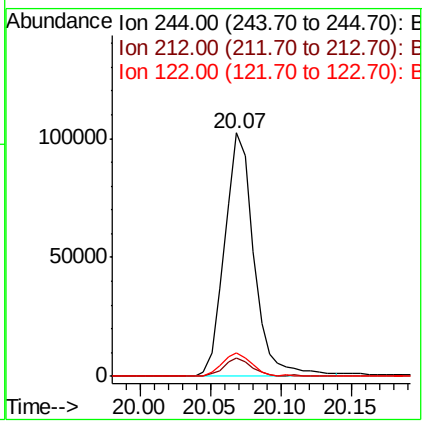


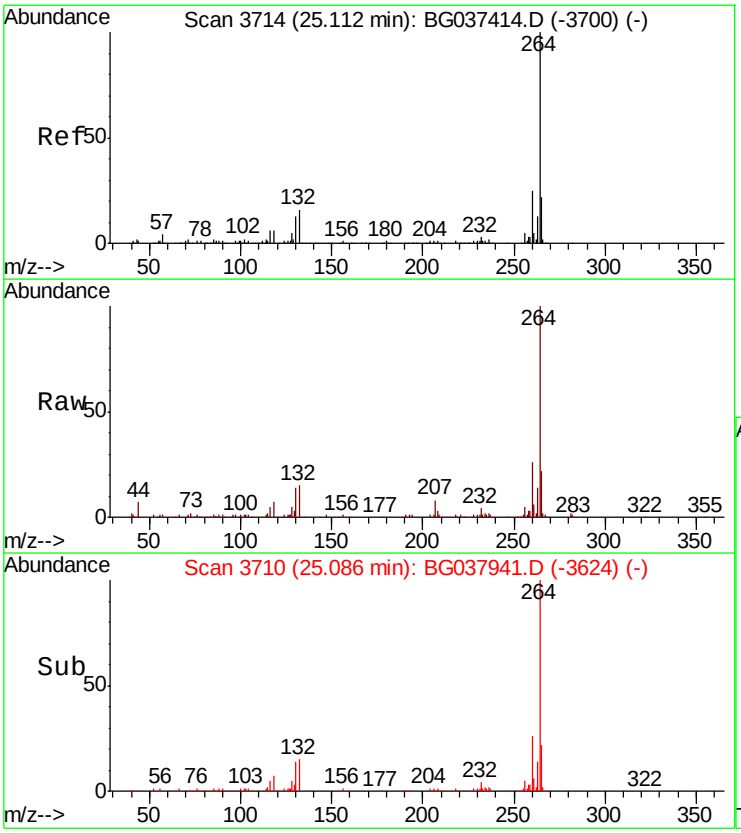
#79
Terphenyl-d14
Concen: 11.240 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG037941.D
Acq: 12 Nov 2018 12:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 148702

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	9.5	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: BG037941.D
Acq: 12 Nov 2018 12:41

Tgt Ion:264 Resp: 218575

Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.2	27.4
265	21.8	17.9	26.9