Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
Data File : BG038161.D
Acq On : 27 Nov 2018 8:54
Operator : JU/SJ
Sample : J6061-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 27 09:43:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42116	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	190201	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	120617	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	270916	20.00	ng		0.00
76) Chrysene-d12	21.76	240	246441	20.00	ng		0.00
87) Perylene-d12	25.08	264	246672	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	118809	48.71	ng		0.00
7) Phenol-d6	7.23	99	106665	30.63	ng		0.00
23) Nitrobenzene-d5	9.27	82	372183	104.75	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	129643	94.24	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	844109	101.95	ng		0.00
79) Terphenyl-d14	20.07	244	1151234	109.92	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.26	94	14399	3.904	ng		92
15) Benzyl Alcohol	8.41	79	5222	2.073	ng	#	33
19) n-Nitroso-di-n-propylamine	9.27	70	48605	19.292	ng	#	76
51) 2,6-Dinitrotoluene	14.72	165	15975	7.382	ng	#	25
57) 2,4-Dinitrotoluene	14.72	165	15975	5.425	ng	#	25
67) 4-Bromophenyl-phenylether	16.21	248	9896	3.328	ng	#	1
77) Benzidine	20.07	184	20887	2.415	ng	#	92

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

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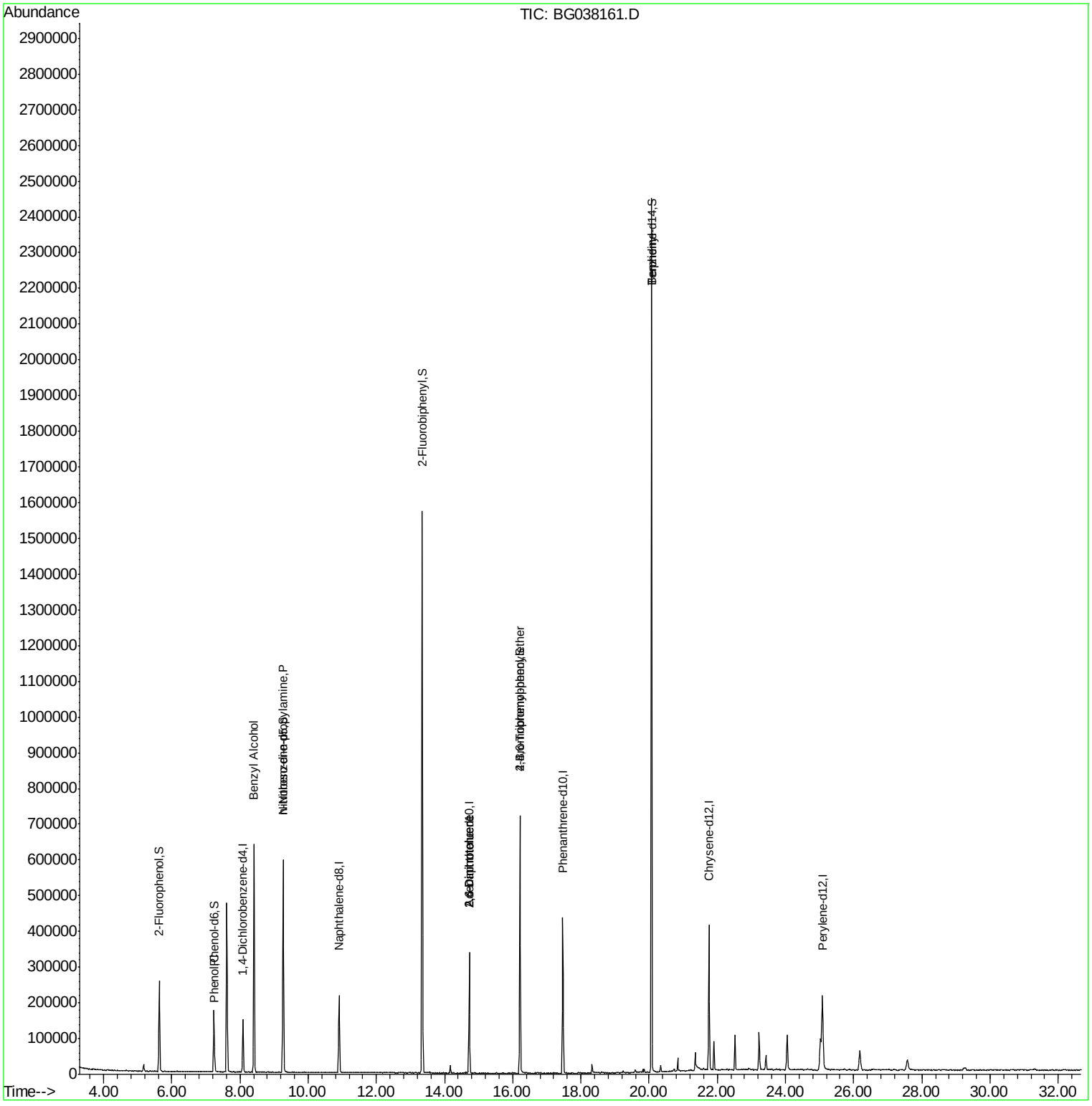
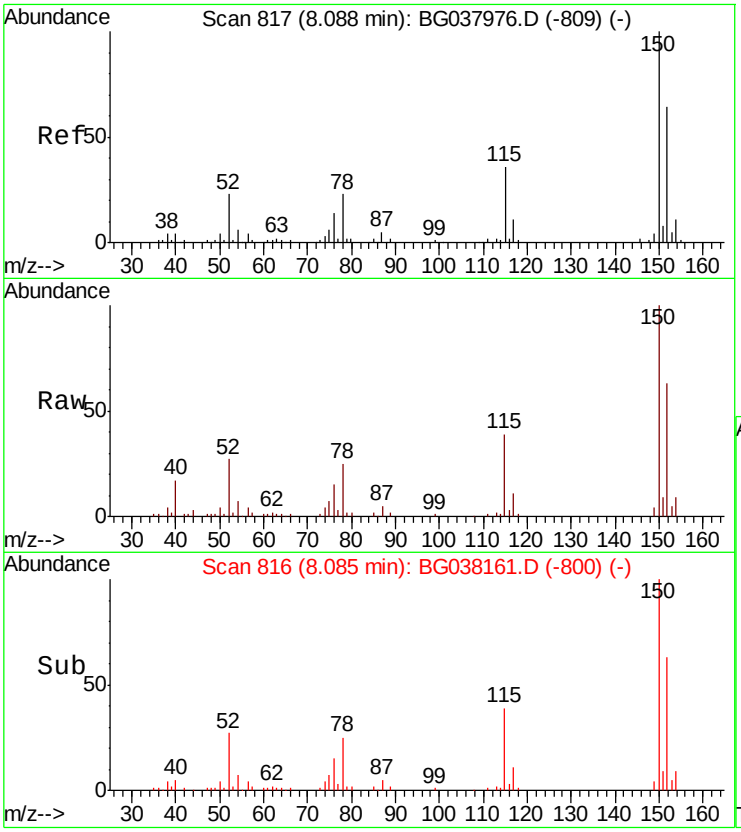


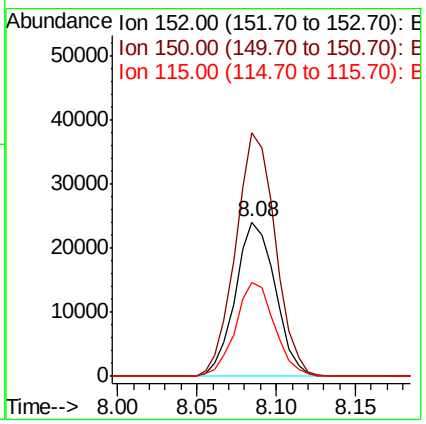


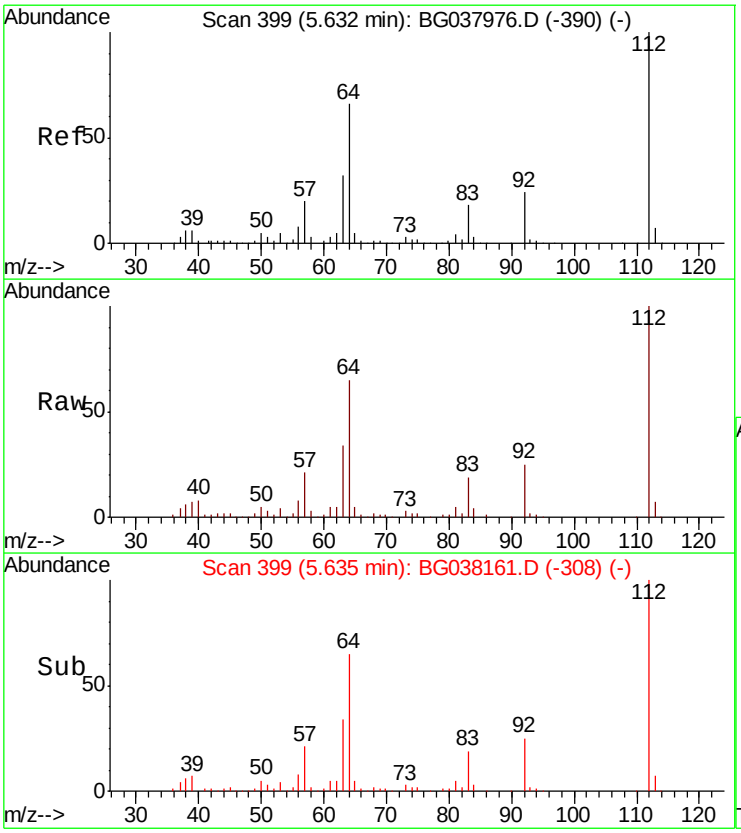
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 42116

Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.0	189.0
115	60.9	45.5	68.3

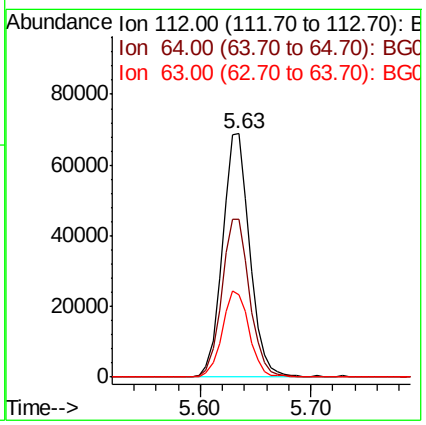


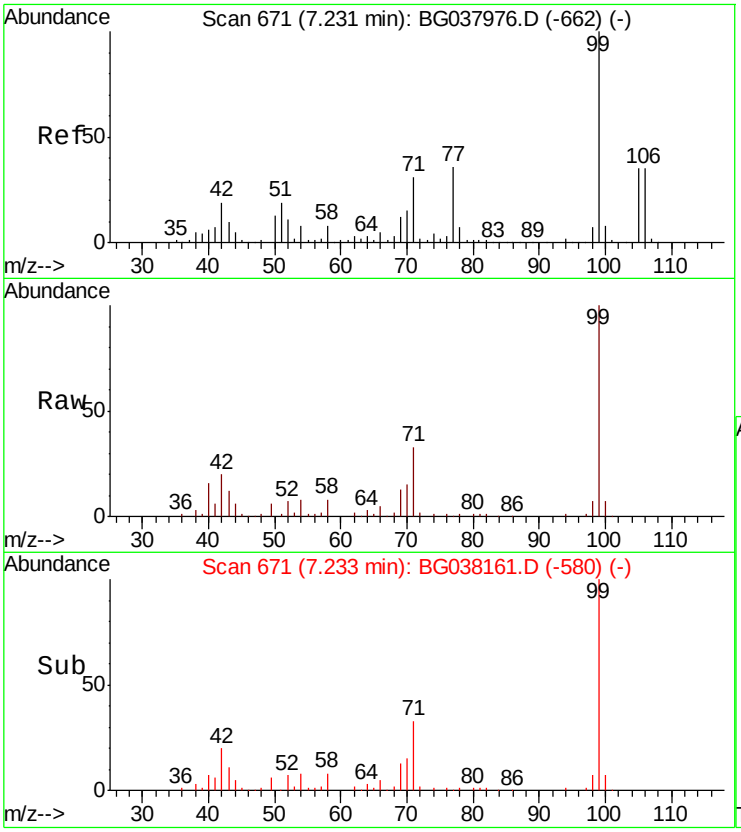


#5
2-Fluorophenol
Concen: 48.706 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Tgt Ion:112 Resp: 118809

Ion	Ratio	Lower	Upper
112	100		
64	64.8	53.1	79.7
63	34.0	27.3	40.9



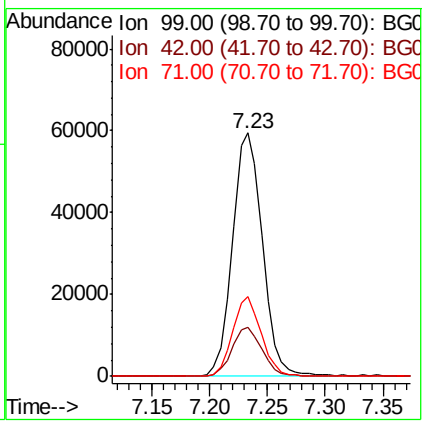


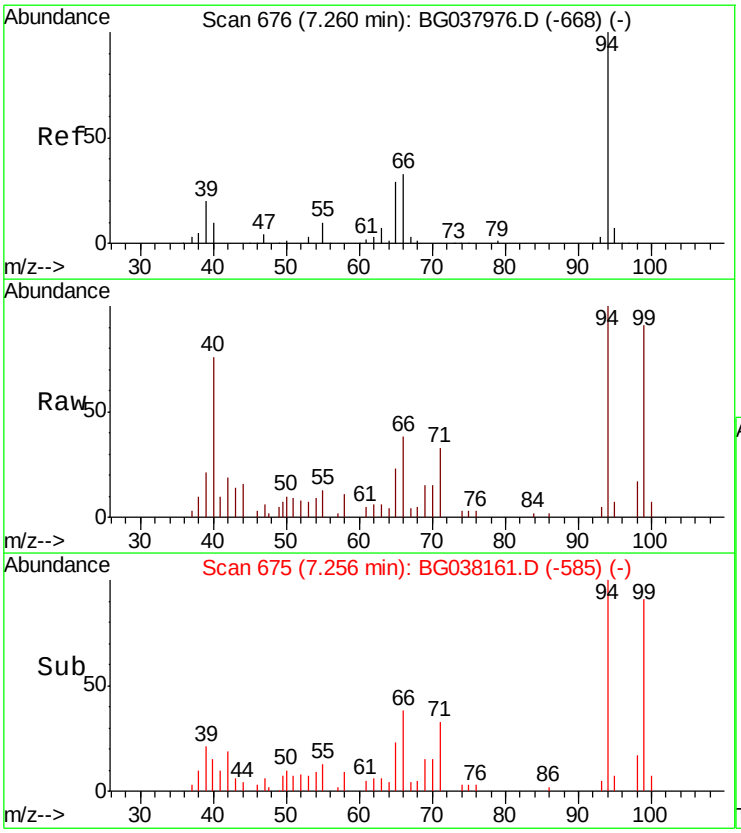
#7
Phenol-d6
Concen: 30.634 ng
RT: 7.23 min Scan# 671
Delta R.T. 0.00 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 106665

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.0	22.4
71	32.6	25.5	38.3

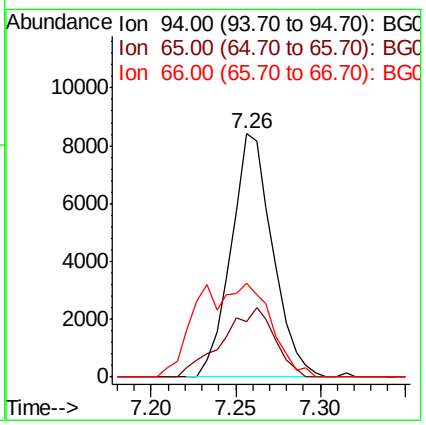


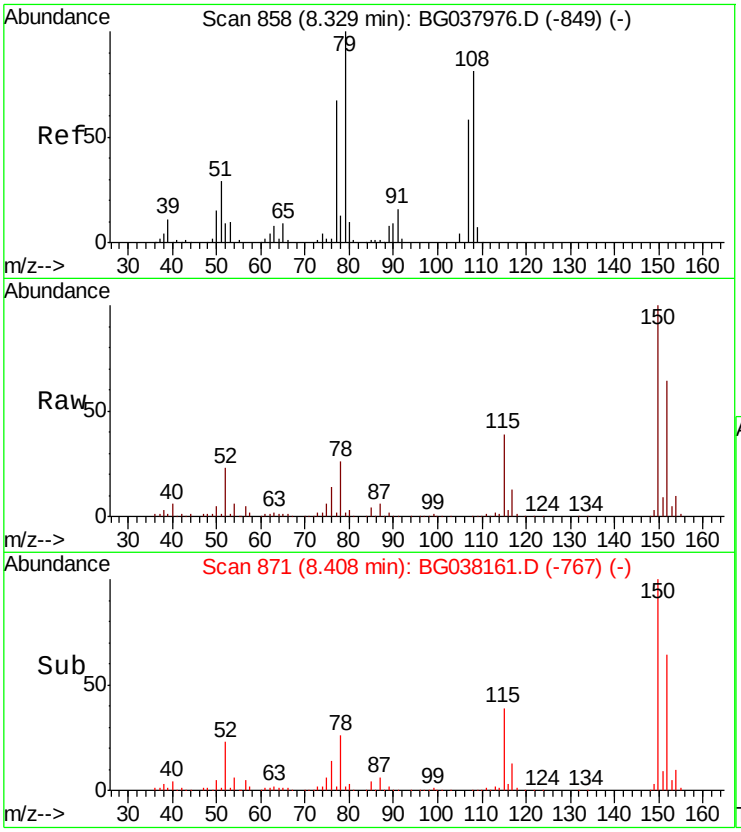


#10
Phenol
Concen: 3.904 ng
RT: 7.26 min Scan# 675
Delta R.T. -0.00 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Tgt Ion: 94 Resp: 14399

Ion	Ratio	Lower	Upper
94	100		
65	22.8	9.7	49.7
66	38.3	15.9	55.9



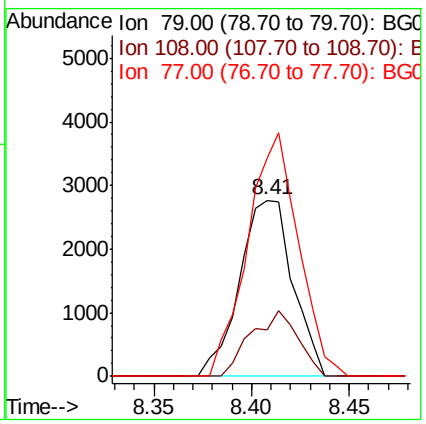


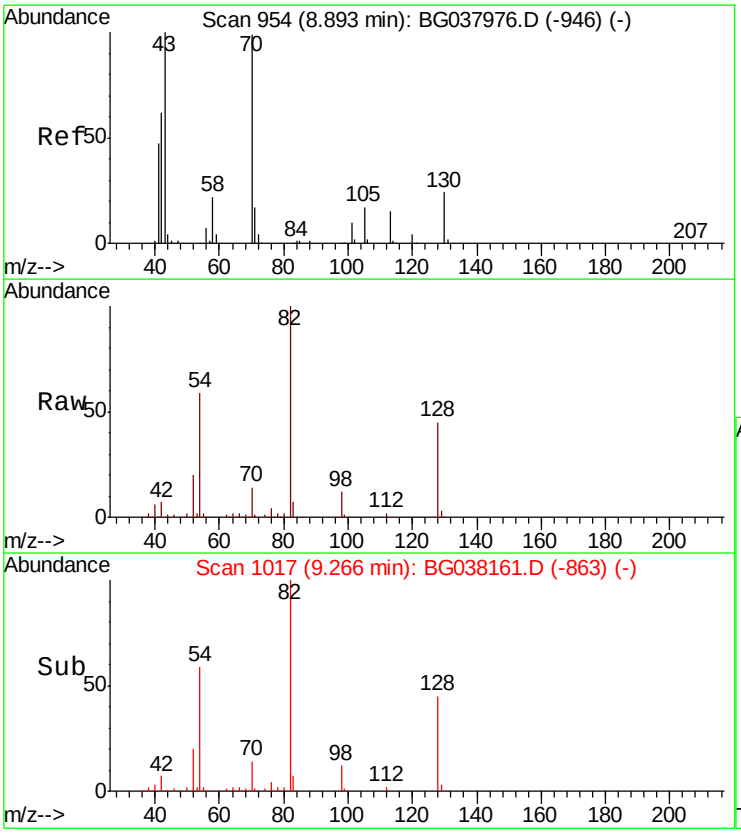
#15
Benzyl Alcohol
Concen: 2.073 ng
RT: 8.41 min Scan# 871
Delta R.T. 0.08 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 5222

Ion	Ratio	Lower	Upper
79	100		
108	26.5	65.8	98.8#
77	123.6	52.9	79.3#

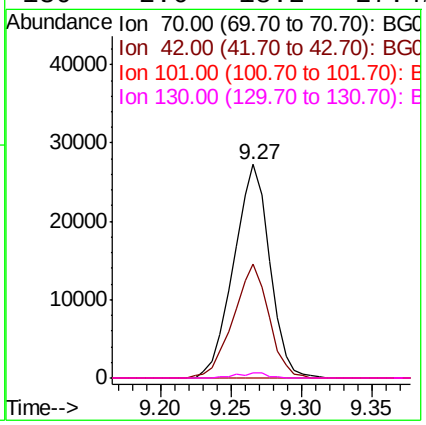


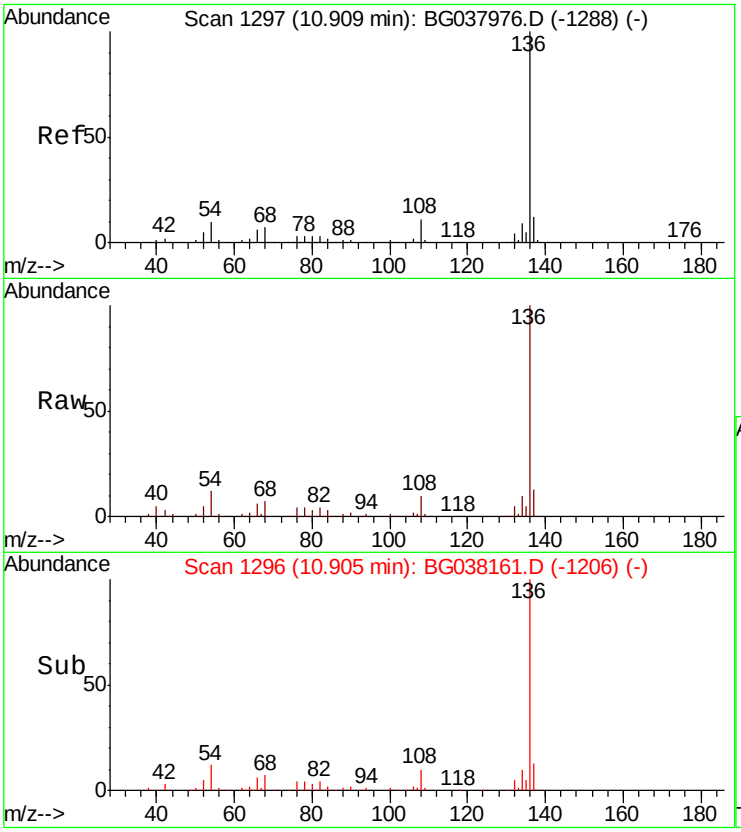


#19
n-Nitroso-di-n-propylamine
Concen: 19.292 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Tgt Ion: 70 Resp: 48605

Ion	Ratio	Lower	Upper
70	100		
42	53.1	53.9	80.9#
101	0.0	8.2	12.2#
130	2.6	18.2	27.4#



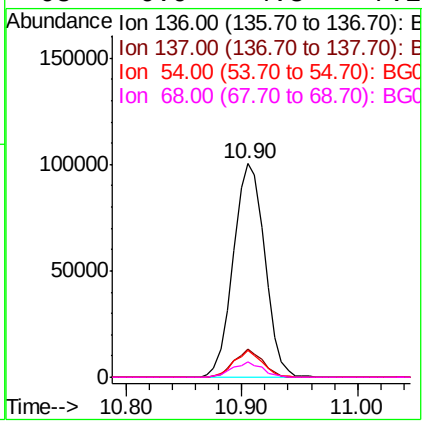


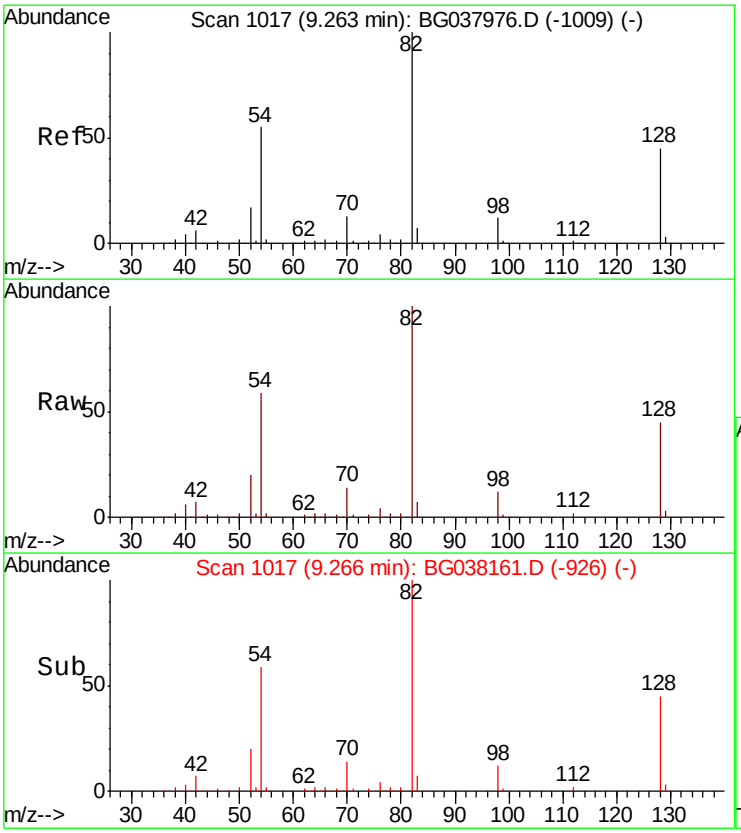
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 190201

Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.6	14.4
54	12.4	7.9	11.9#
68	6.9	4.8	7.2

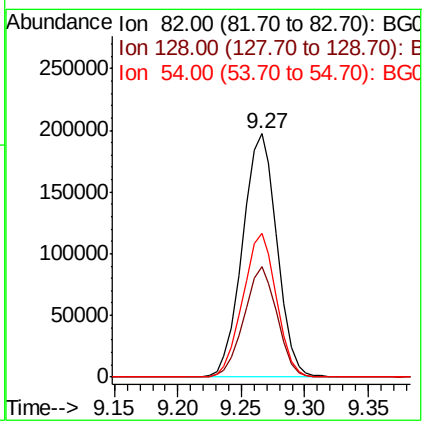


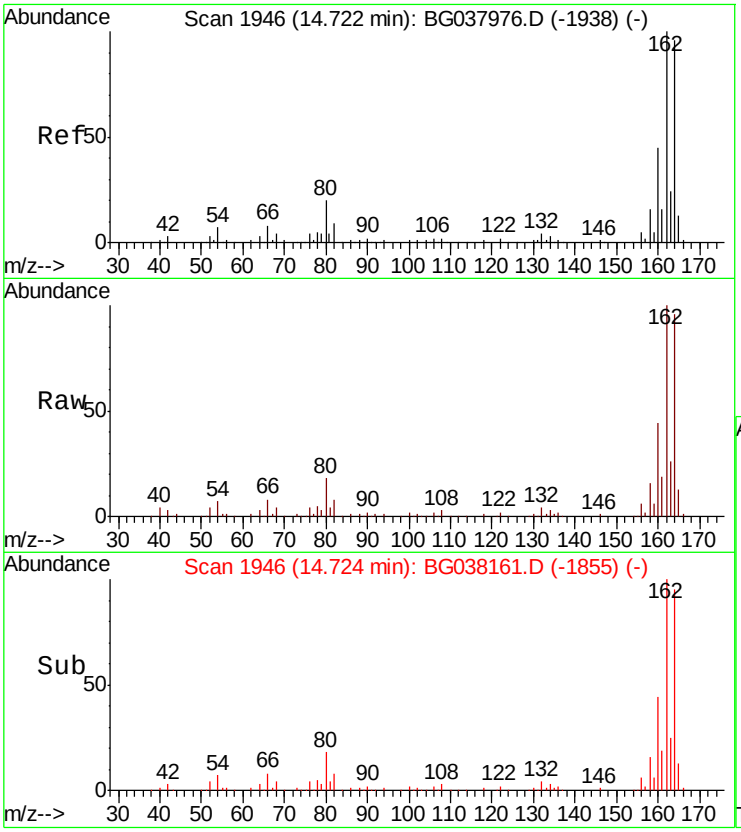


#23
Nitrobenzene-d5
Concen: 104.748 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Tgt Ion: 82 Resp: 372183

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	51.8
54	59.2	45.3	67.9



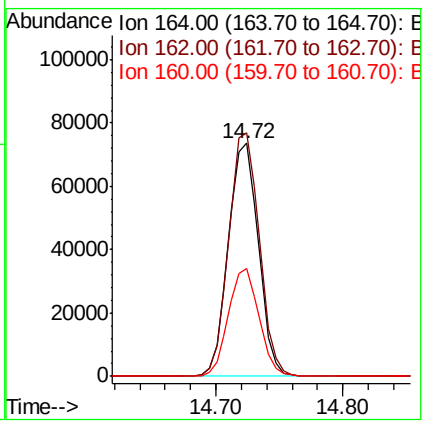


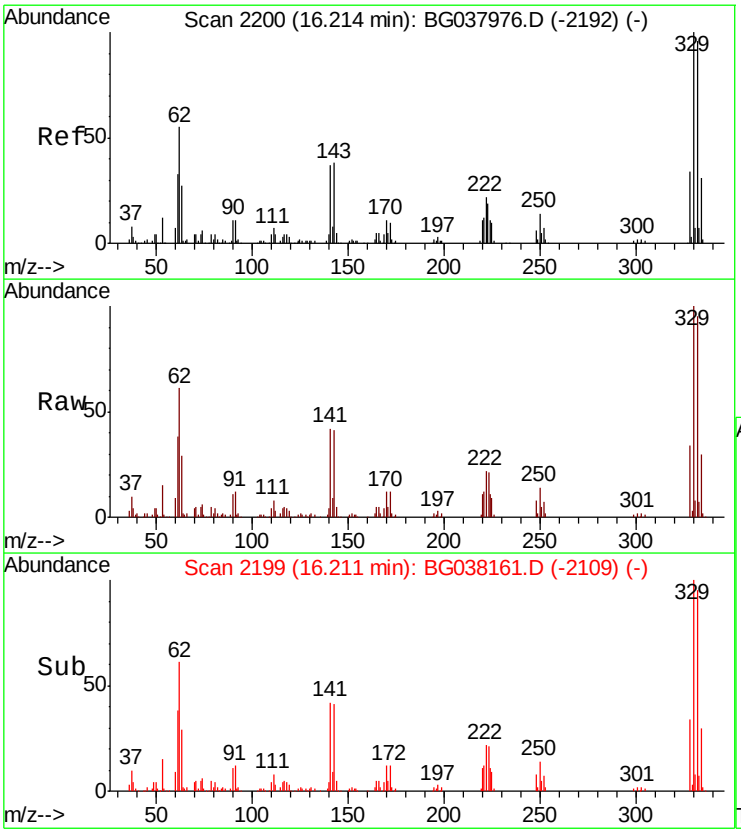
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 120617

Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.3	121.9
160	46.1	36.3	54.5

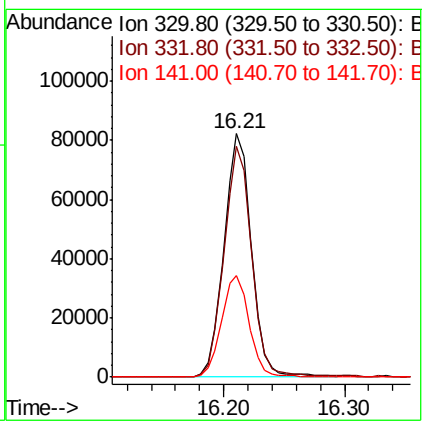


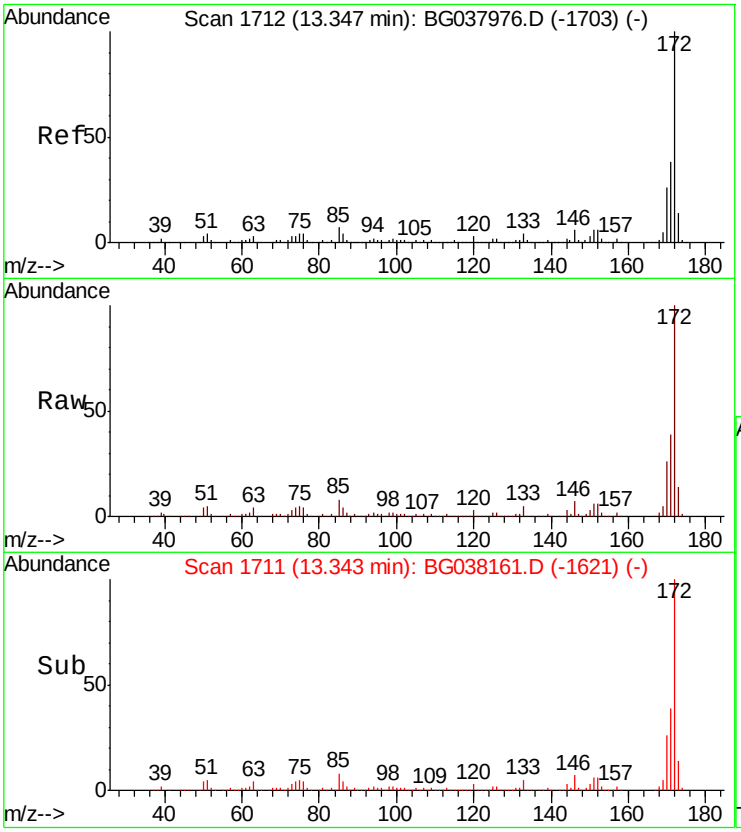


#42
2,4,6-Tribromophenol
Concen: 94.244 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Tgt Ion:330 Resp: 129643

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.4	117.6
141	42.2	32.2	48.2



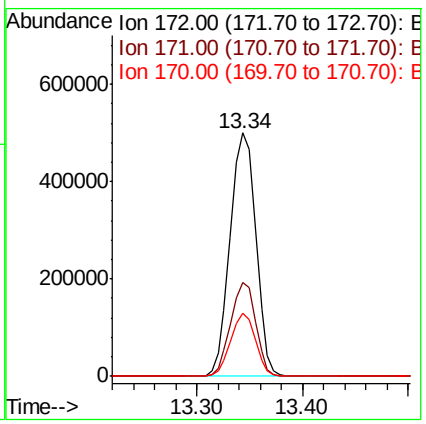


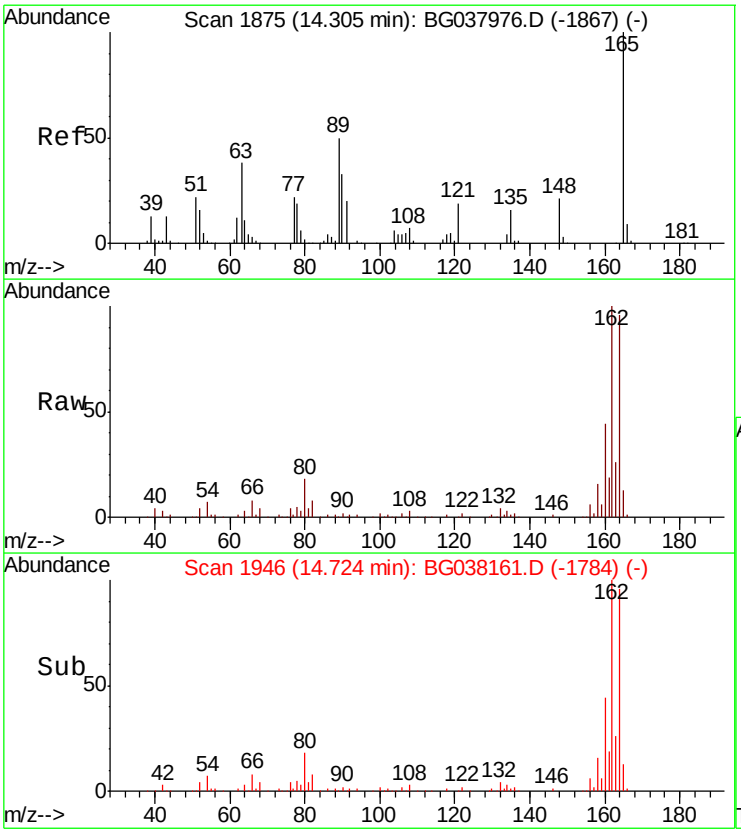
#45
2-Fluorobiphenyl
Concen: 101.954 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 844109

Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	25.8	20.2	30.2

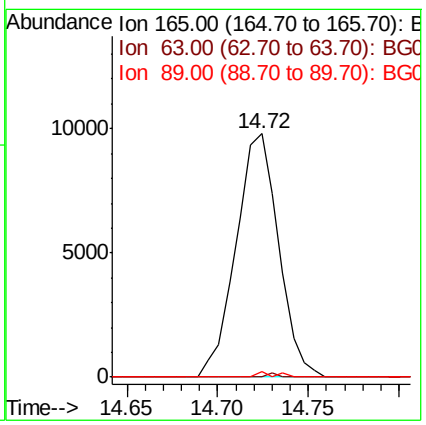


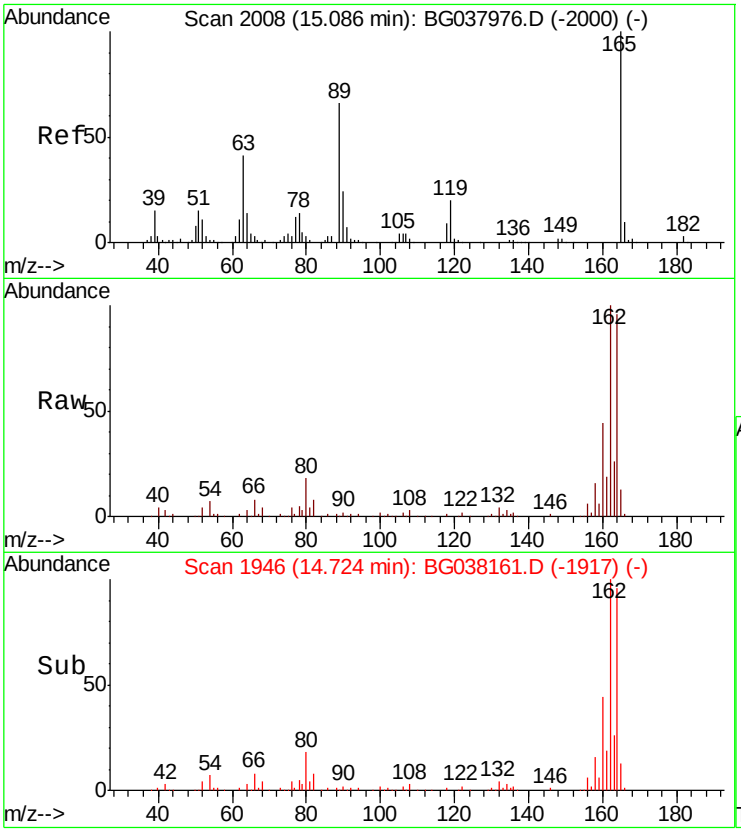


#51
2,6-Dinitrotoluene
Concen: 7.382 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.42 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Tgt Ion:165 Resp: 15975

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.1	45.8	68.6#



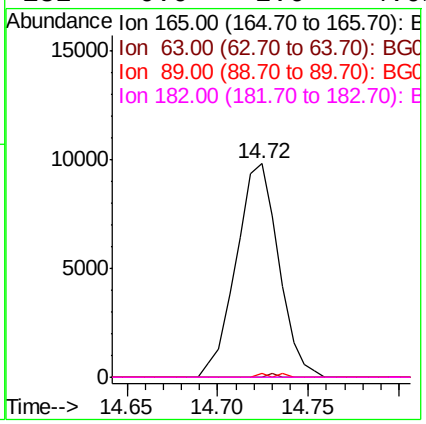


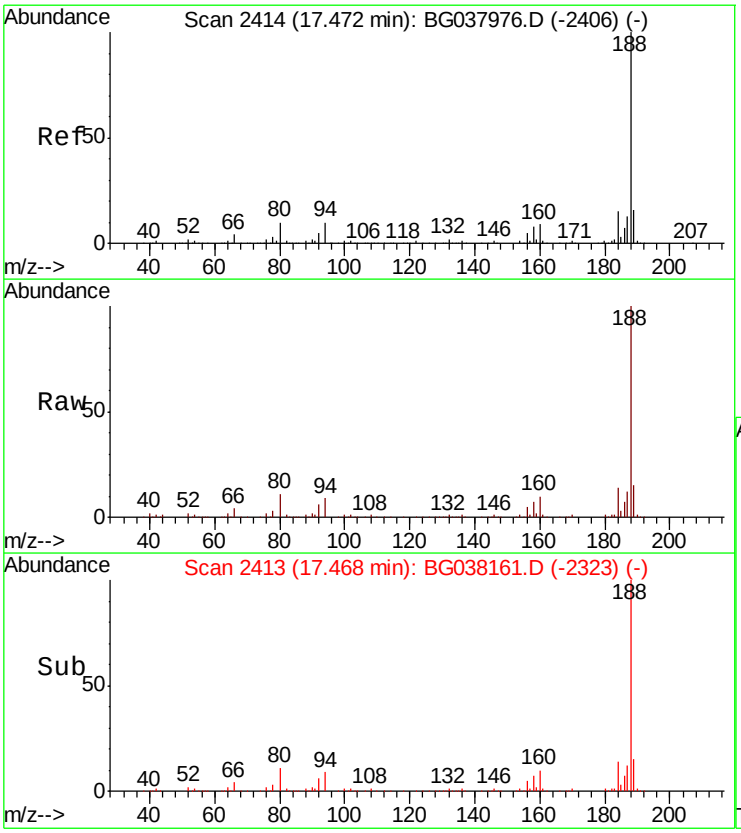
#57
2,4-Dinitrotoluene
Concen: 5.425 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.36 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15975

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.1	57.2	85.8#
182	0.0	2.6	4.0#

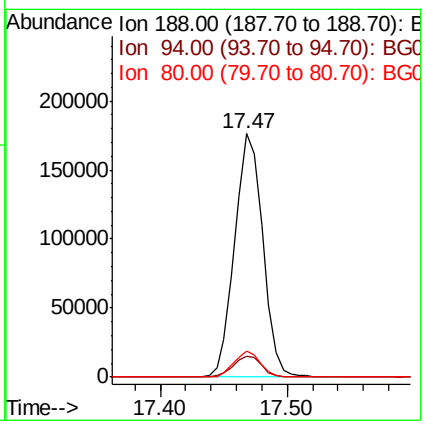


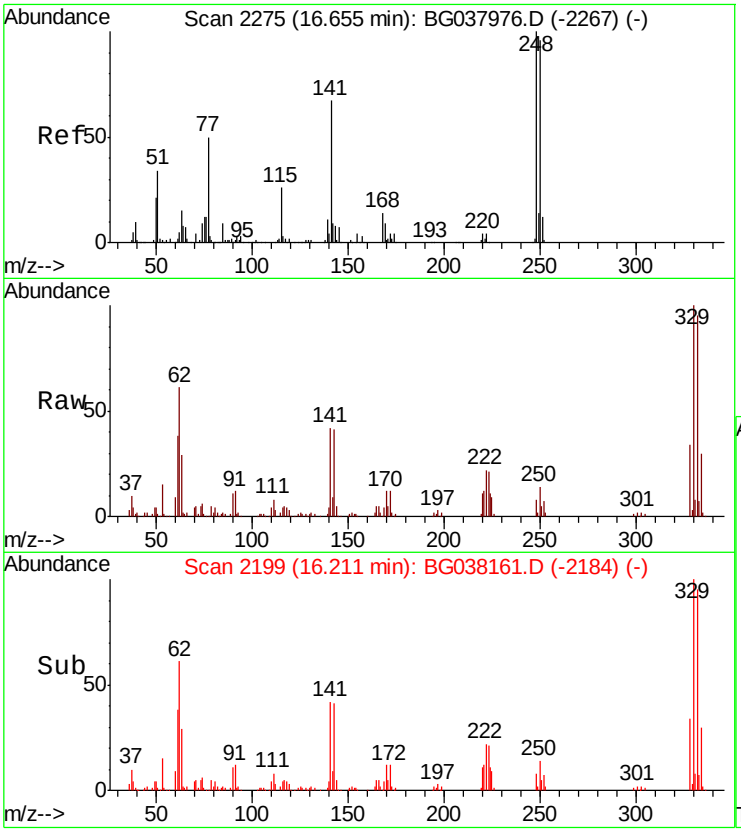


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Tgt Ion:188 Resp: 270916

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	10.8	7.7	11.5



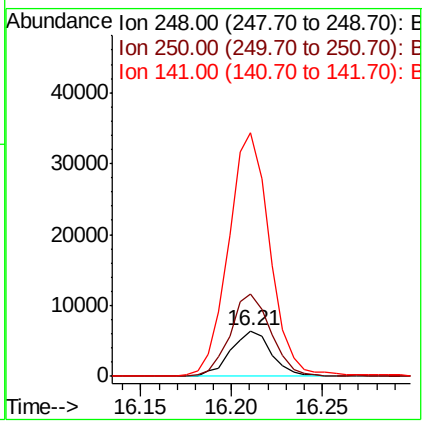


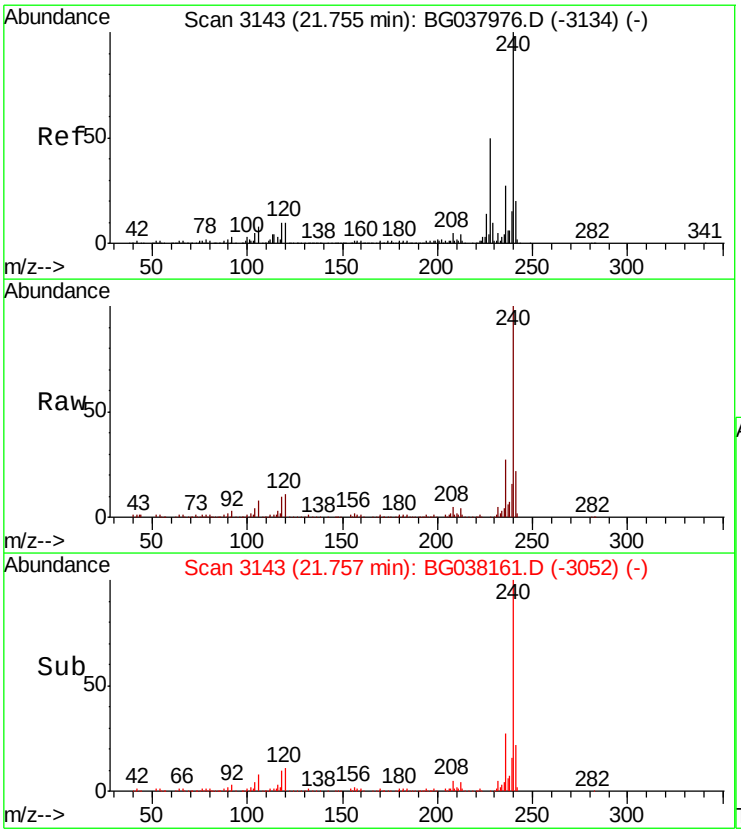
#67
4-Bromophenyl-phenylether
Concen: 3.328 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.44 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 9896

Ion	Ratio	Lower	Upper
248	100		
250	183.8	77.0	115.6#
141	407.7	55.5	83.3#

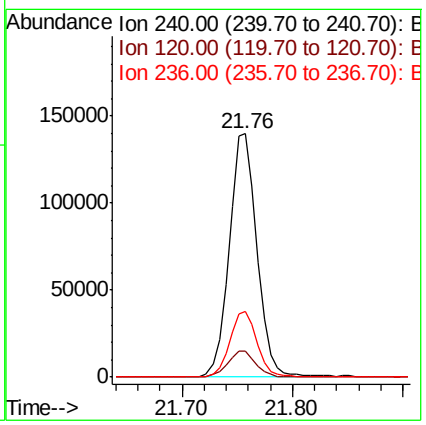


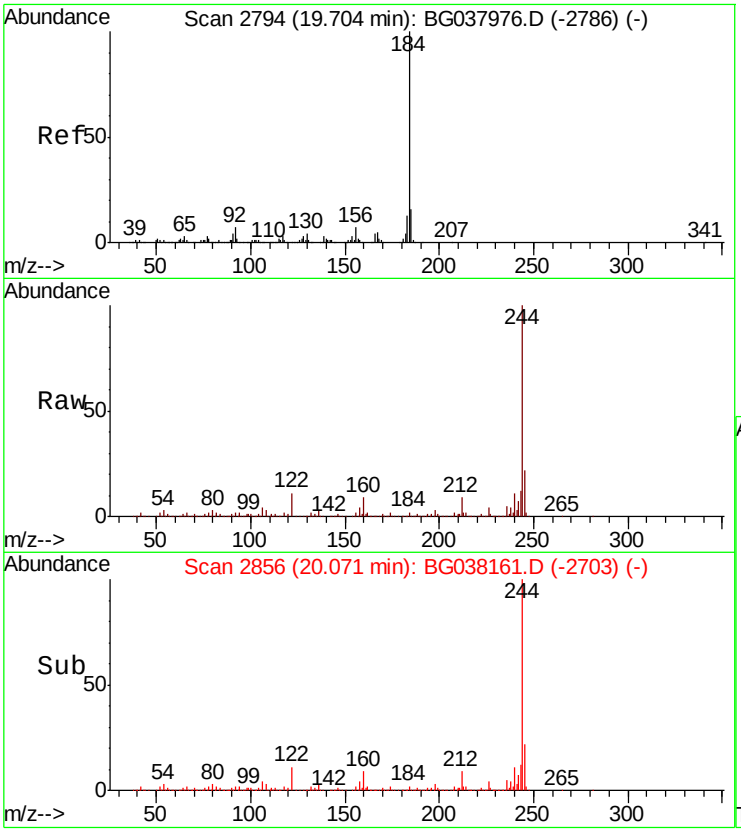


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Tgt Ion:240 Resp: 246441

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	27.2	21.4	32.0



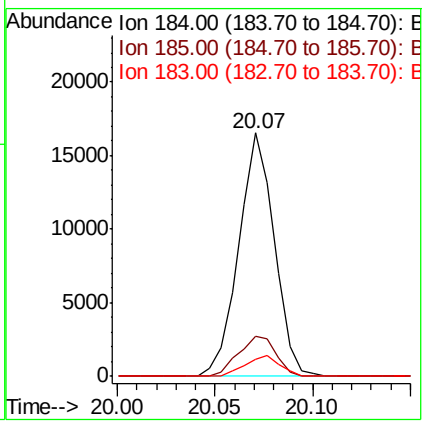


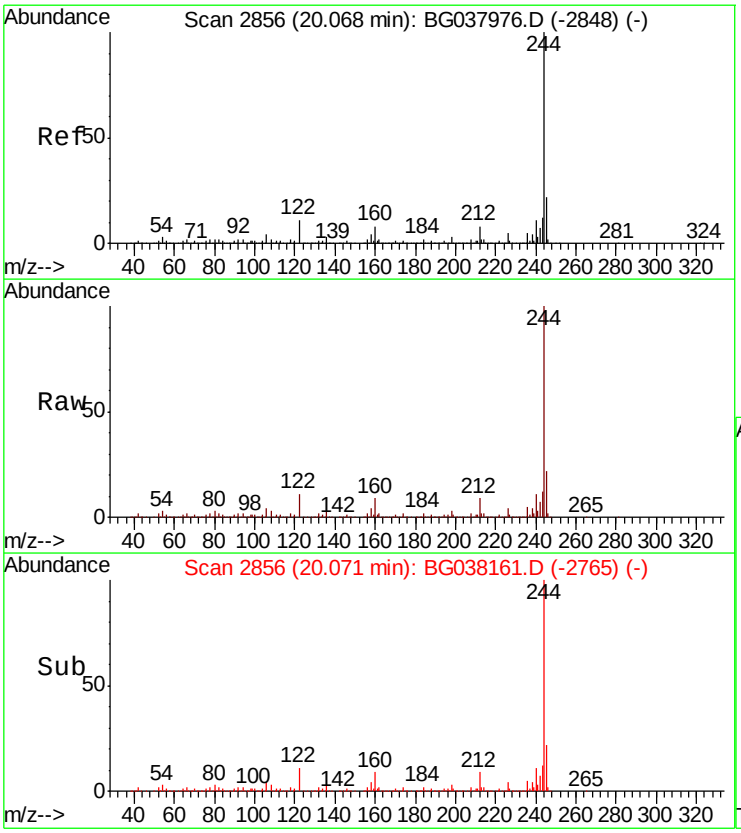
#77
Benzidine
Concen: 2.415 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.37 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 20887

Ion	Ratio	Lower	Upper
184	100		
185	16.6	12.6	18.8
183	7.0	10.2	15.2#

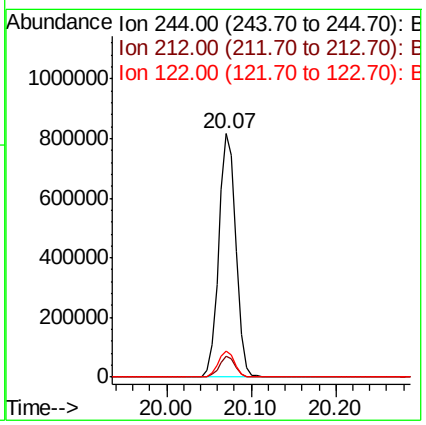


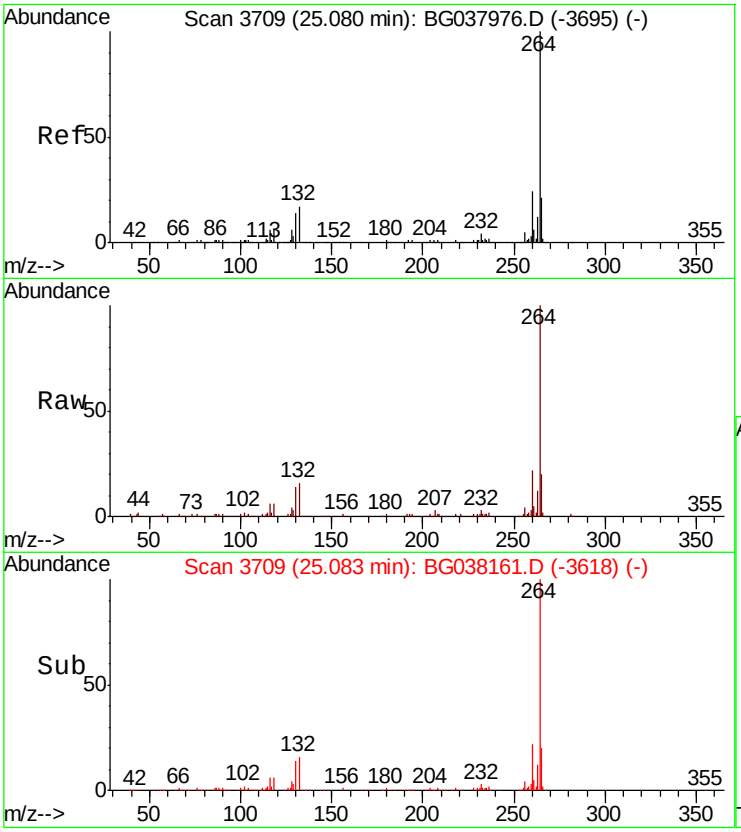


#79
Terphenyl-d14
Concen: 109.919 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Tgt Ion:244 Resp: 1151234

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	10.6	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. 0.00 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 246672

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.4
265	20.2	17.9	26.9