Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038201.D
Acq On : 28 Nov 2018 14:58
Operator : JU/SJ
Sample : J6070-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 28 15:34:10 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	8.09	152	34708	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	159213	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	102471	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	233427	20.00	ng		0.00
76) Chrysene-d12	21.75	240	219416	20.00	ng		0.00
87) Perylene-d12	25.07	264	211770	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	88315	43.93	ng		0.00
7) Phenol-d6	7.23	99	76435	26.64	ng		0.00
23) Nitrobenzene-d5	9.26	82	284516	95.66	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	101052	86.47	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	640203	91.02	ng		0.00
79) Terphenyl-d14	20.07	244	972255	104.26	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.25	94	6176	2.032	ng		87
19) n-Nitroso-di-n-propylamine	9.26	70	37315	17.972	ng	#	74
50) Dimethylphthalate	14.16	163	31022	3.819	ng		97
51) 2,6-Dinitrotoluene	14.72	165	12930	7.033	ng	#	25
57) 2,4-Dinitrotoluene	14.72	165	12930	5.169	ng	#	25
67) 4-Bromophenyl-phenylether	16.21	248	7362	2.873	ng	#	1
77) Benzidine	20.07	184	17546	2.279	ng	#	94

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
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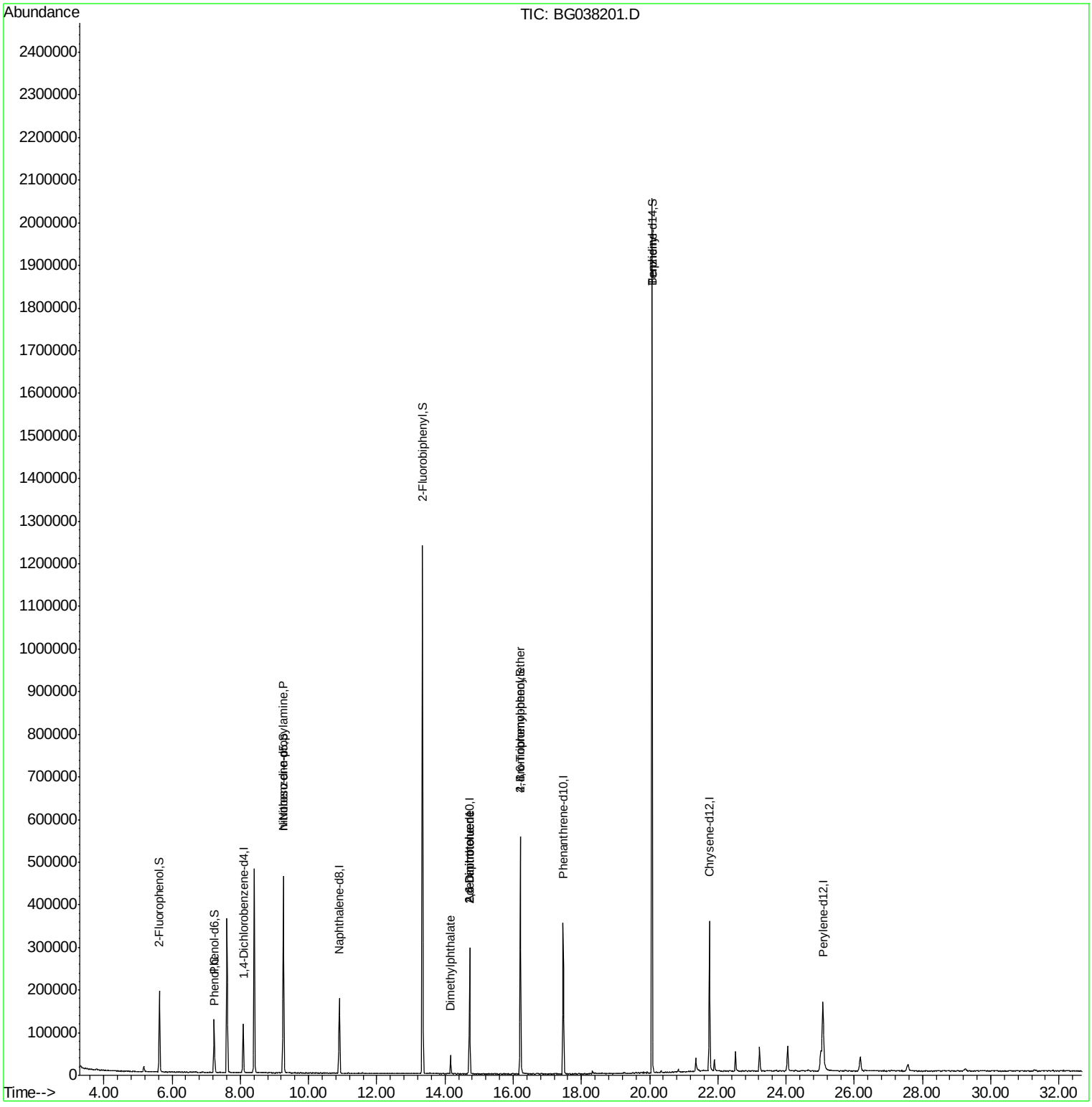
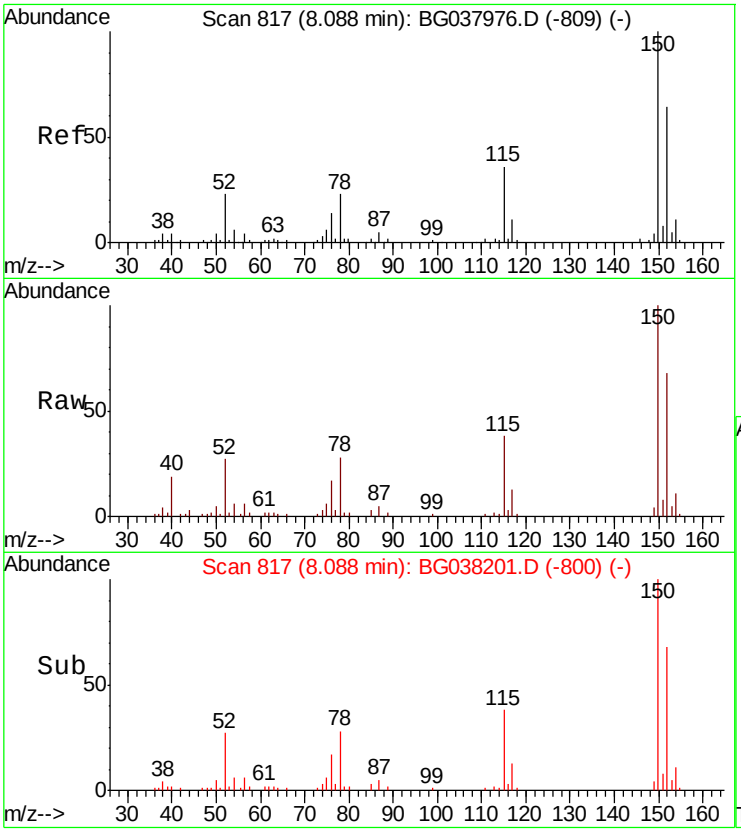


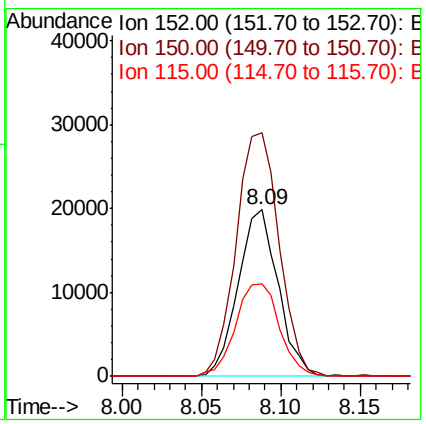


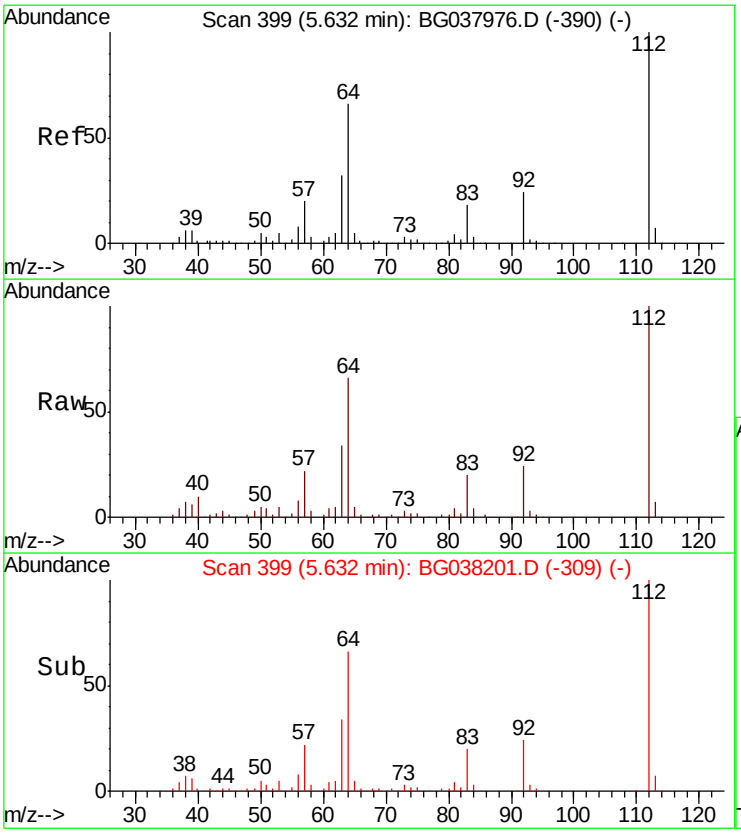
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 34708

Ion	Ratio	Lower	Upper
152	100		
150	146.1	126.0	189.0
115	55.7	45.5	68.3

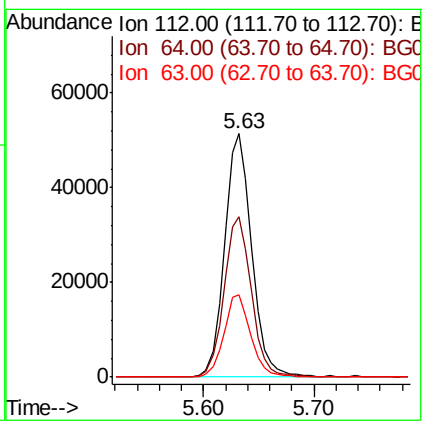


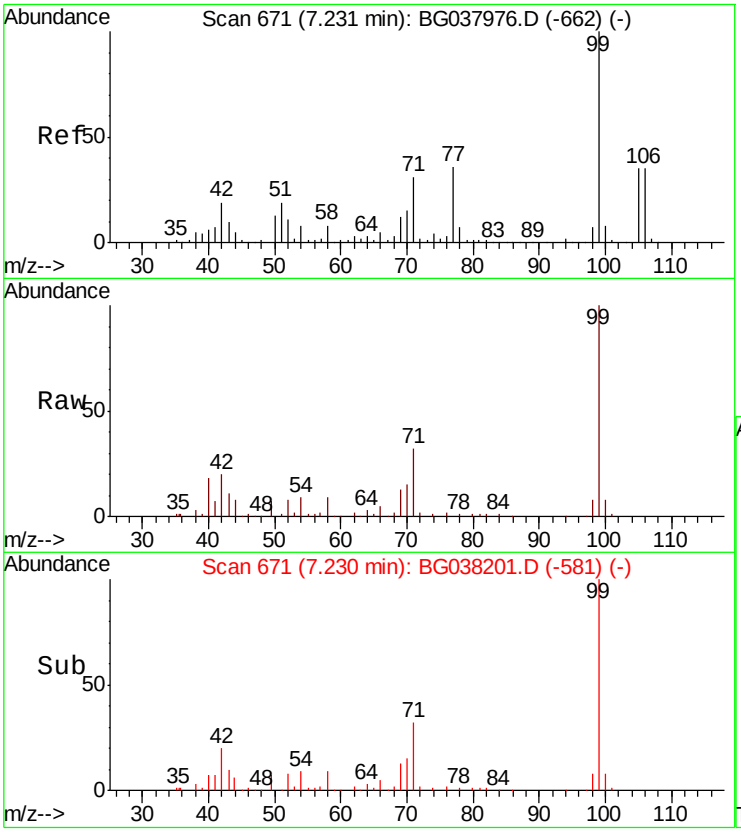


#5
2-Fluorophenol
Concen: 43.933 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Tgt Ion:112 Resp: 88315

Ion	Ratio	Lower	Upper
112	100		
64	66.0	53.1	79.7
63	33.7	27.3	40.9



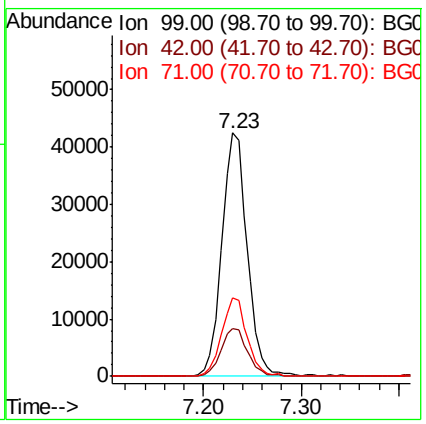


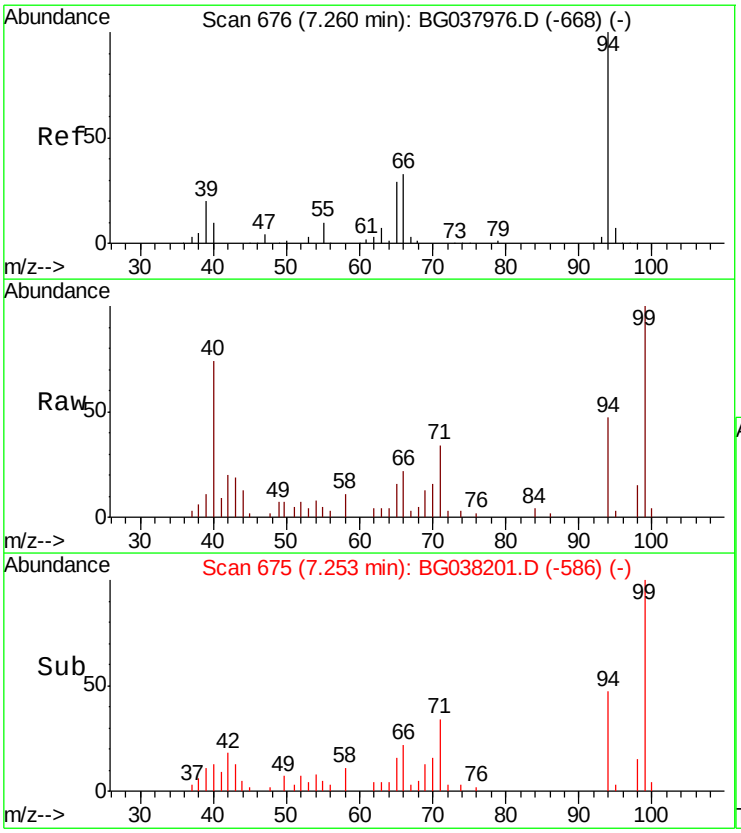
#7
Phenol-d6
Concen: 26.637 ng
RT: 7.23 min Scan# 671
Delta R.T. -0.00 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 76435

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.0	22.4
71	32.2	25.5	38.3

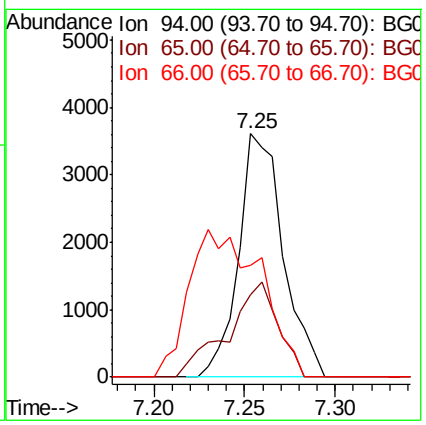


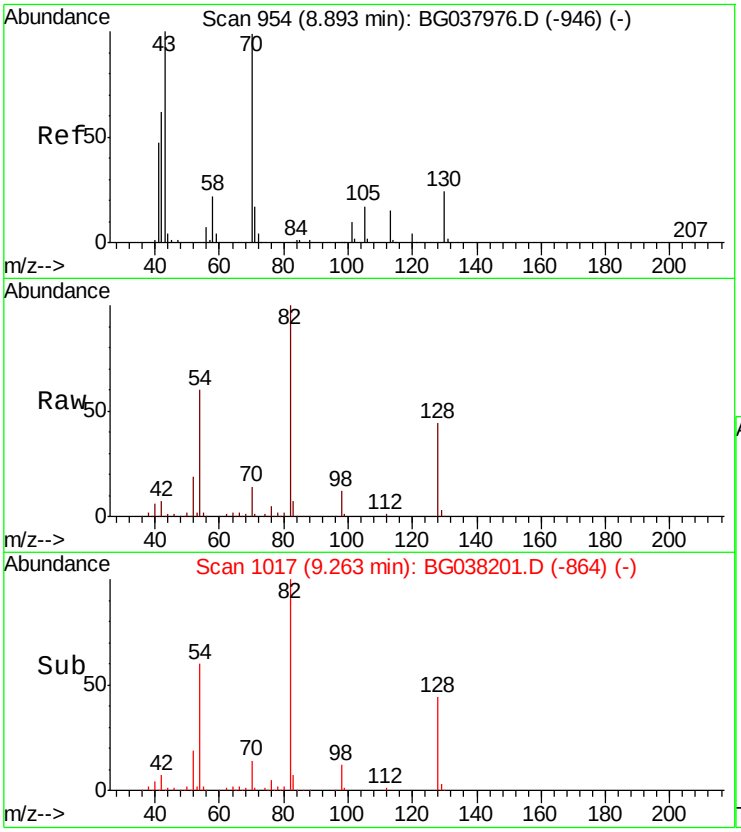


#10
Phenol
Concen: 2.032 ng
RT: 7.25 min Scan# 675
Delta R.T. -0.01 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Tgt Ion: 94 Resp: 6176

Ion	Ratio	Lower	Upper
94	100		
65	34.1	9.7	49.7
66	45.9	15.9	55.9



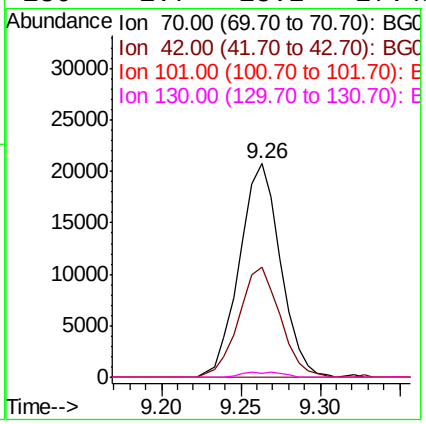


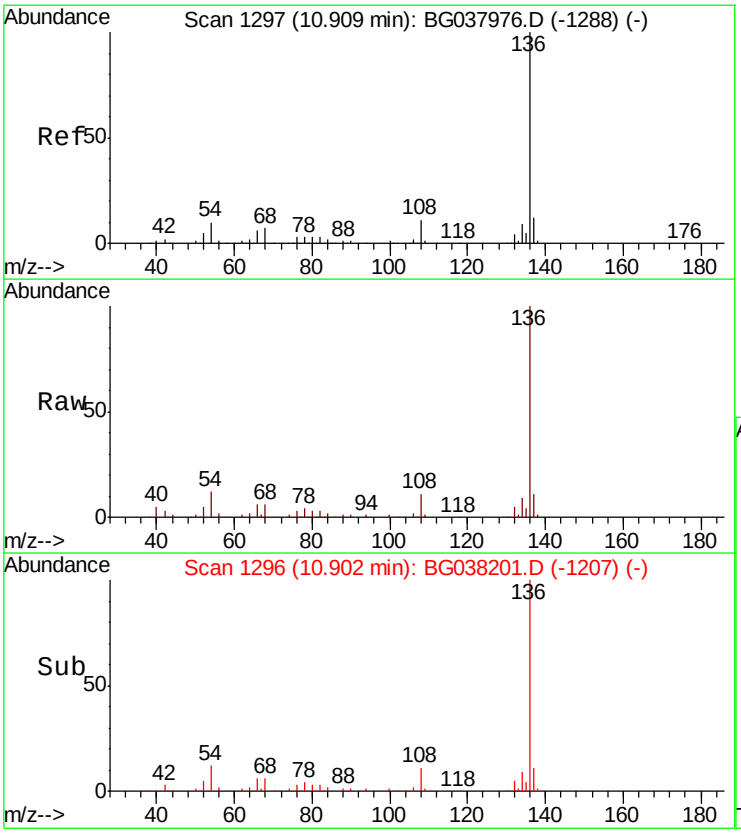
#19
n-Nitroso-di-n-propylamine
Concen: 17.972 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 37315

Ion	Ratio	Lower	Upper
70	100		
42	51.3	53.9	80.9#
101	0.0	8.2	12.2#
130	1.7	18.2	27.4#

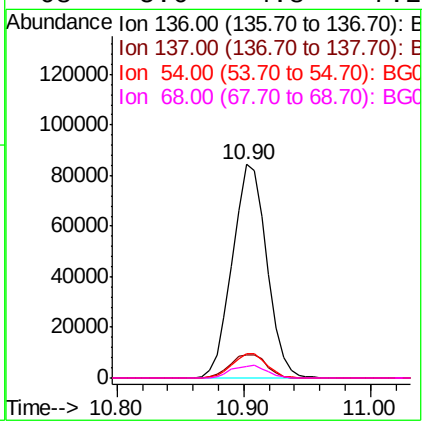


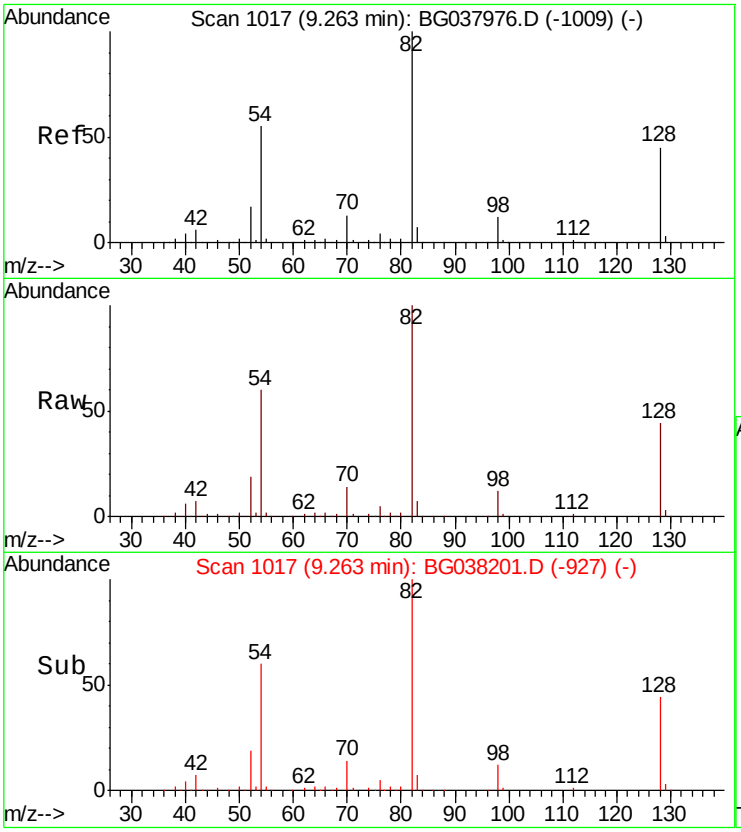


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Tgt Ion:136 Resp: 159213

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	11.5	7.9	11.9
68	5.6	4.8	7.2



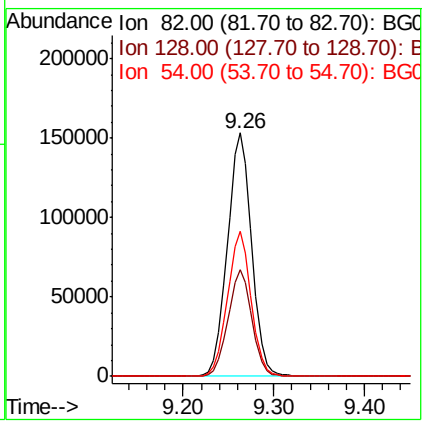


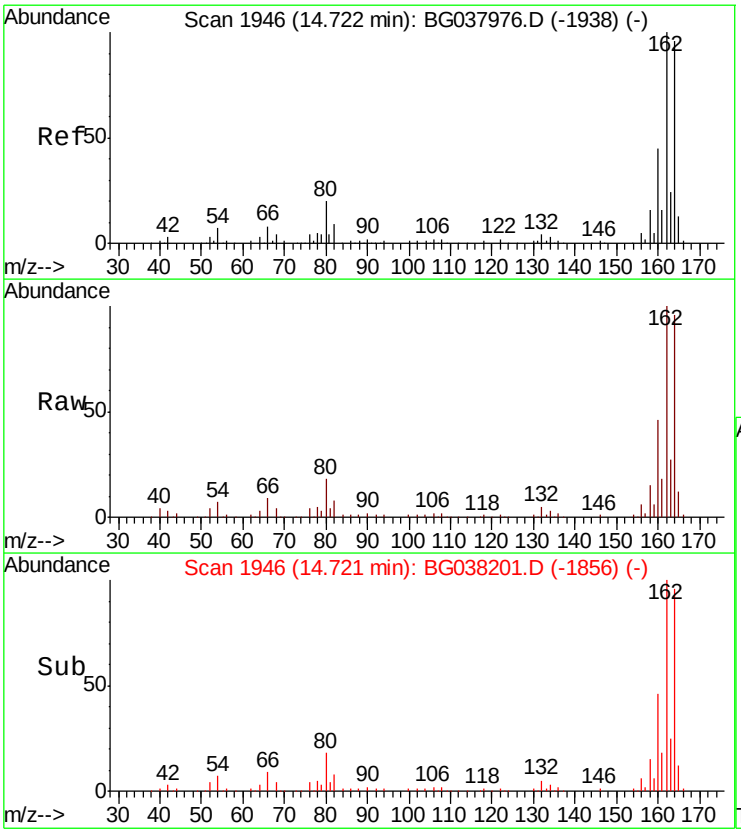
#23
Nitrobenzene-d5
Concen: 95.660 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 284516

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	51.8
54	59.6	45.3	67.9

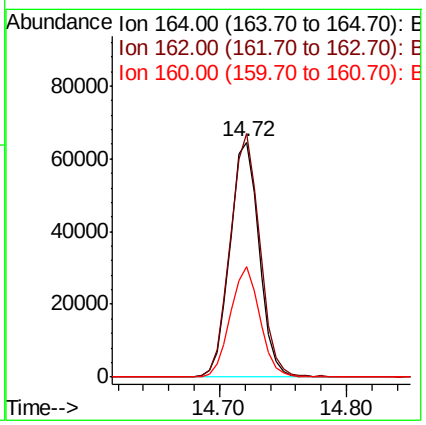


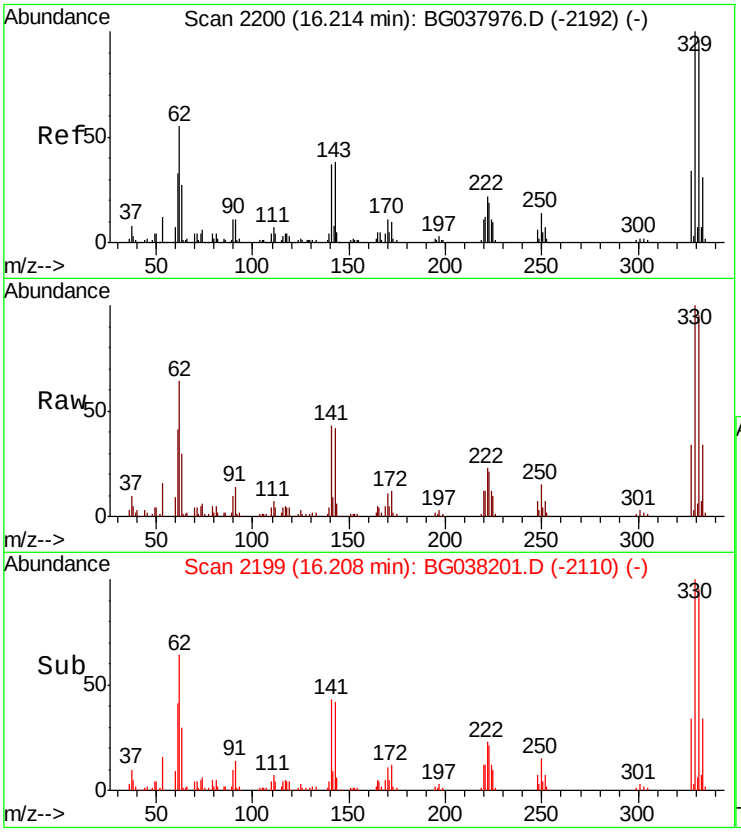


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Tgt Ion:164 Resp: 102471

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.3	121.9
160	47.3	36.3	54.5



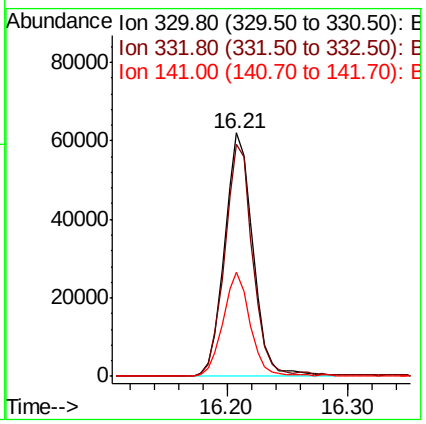


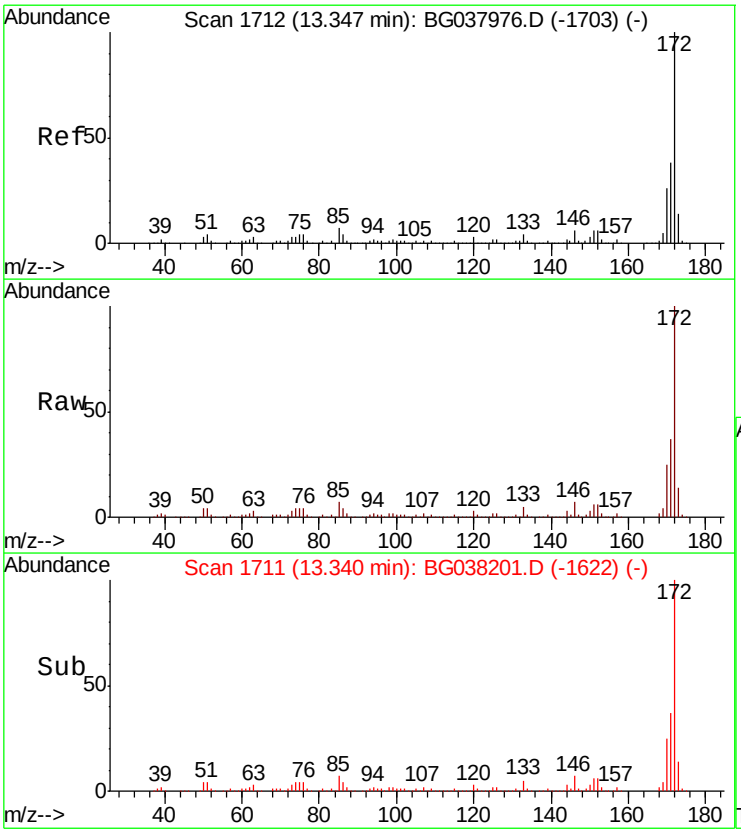
#42
2,4,6-Tribromophenol
Concen: 86.468 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 101052

Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.4	117.6
141	40.8	32.2	48.2

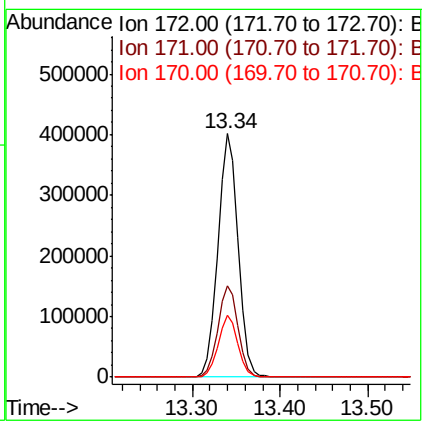


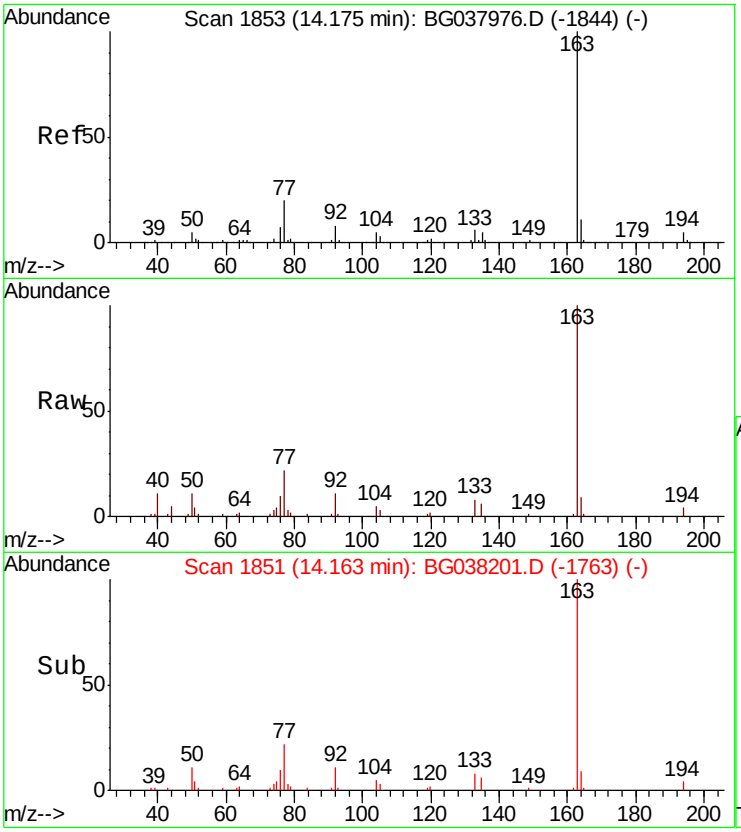


#45
2-Fluorobiphenyl
Concen: 91.019 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Tgt Ion:172 Resp: 640203

Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.0	46.4
170	25.2	20.2	30.2



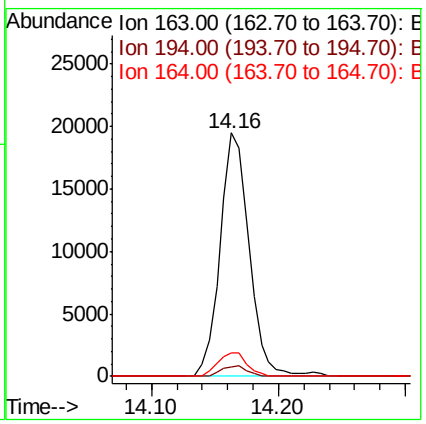


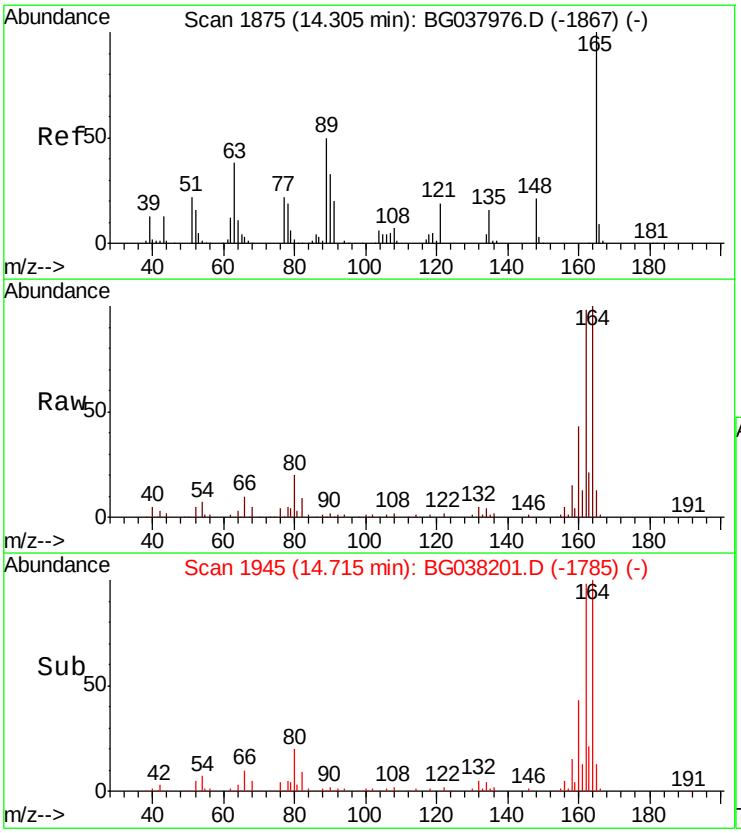
#50
Dimethylphthalate
Concen: 3.819 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 31022

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	9.5	8.5	12.7

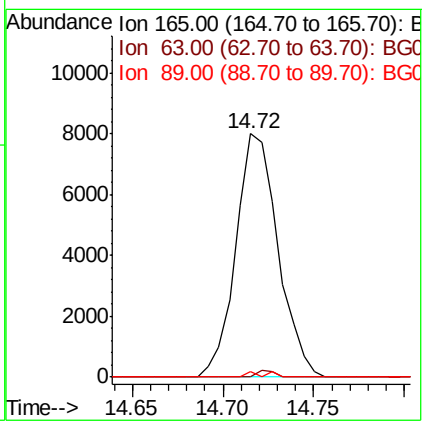


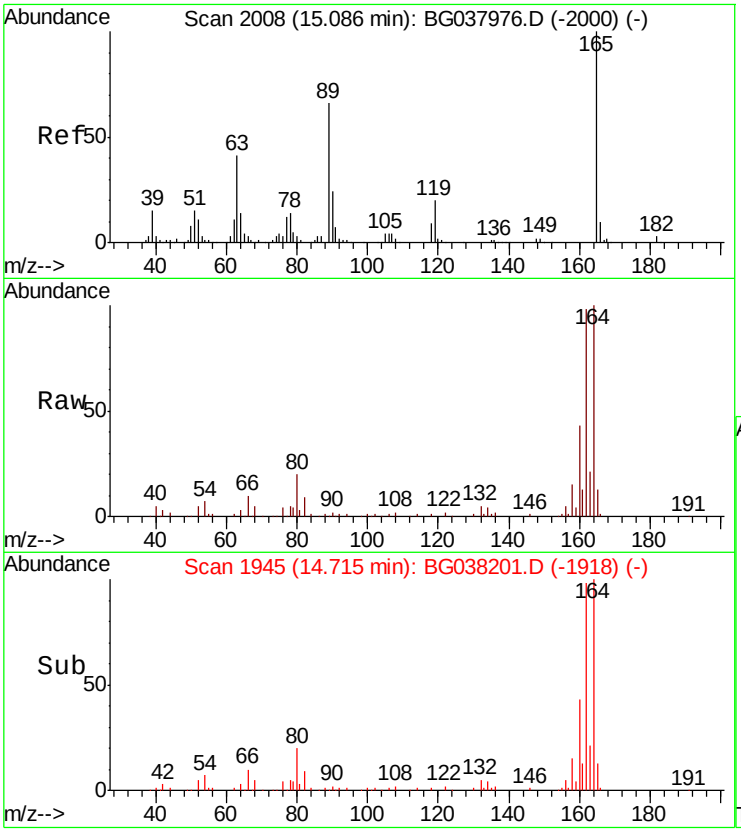


#51
2,6-Dinitrotoluene
Concen: 7.033 ng
RT: 14.72 min Scan# 1945
Delta R.T. 0.41 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Tgt Ion:165 Resp: 12930

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.4	45.8	68.6#



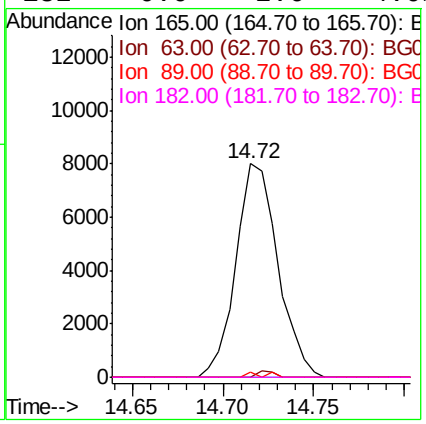


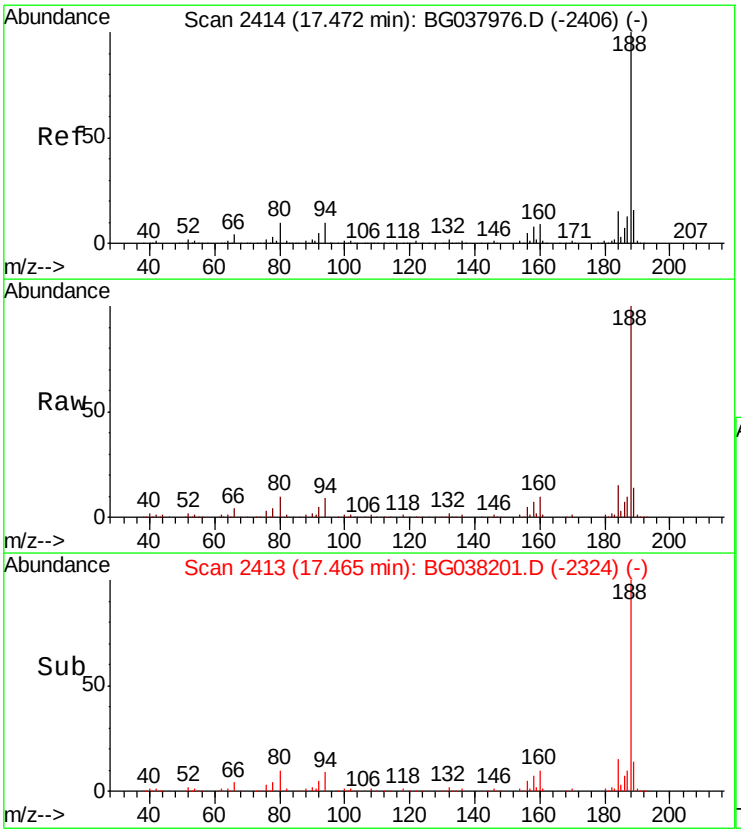
#57
2,4-Dinitrotoluene
Concen: 5.169 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.37 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 12930

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.4	57.2	85.8#
182	0.0	2.6	4.0#

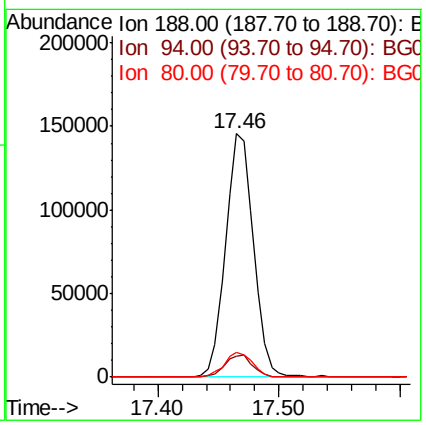


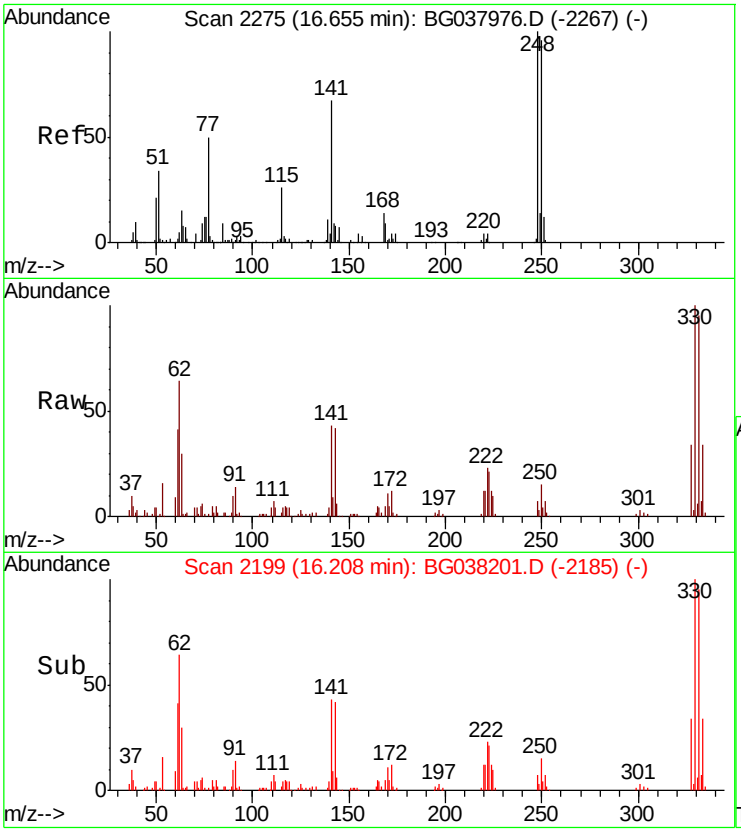


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Tgt Ion:188 Resp: 233427

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	10.3	7.7	11.5



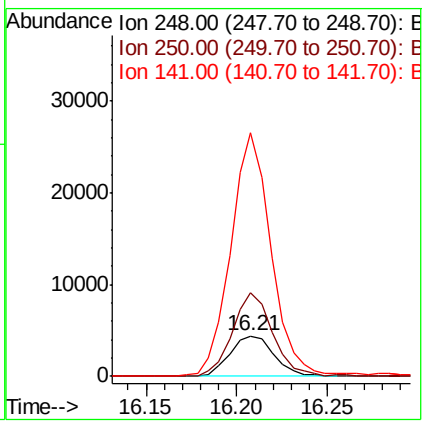


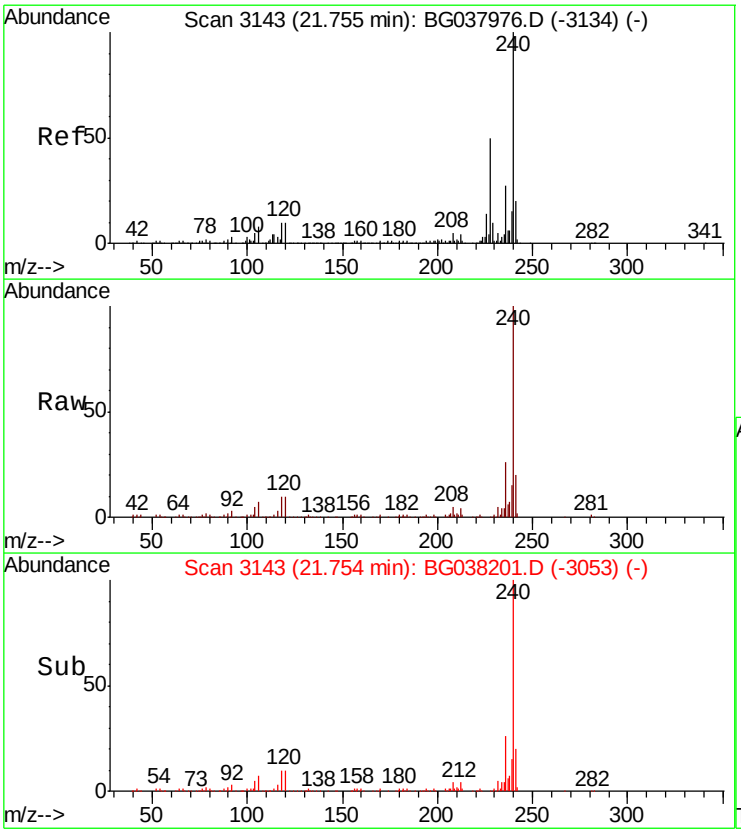
#67
4-Bromophenyl-phenylether
Concen: 2.873 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 7362

Ion	Ratio	Lower	Upper
248	100		
250	186.2	77.0	115.6#
141	434.7	55.5	83.3#

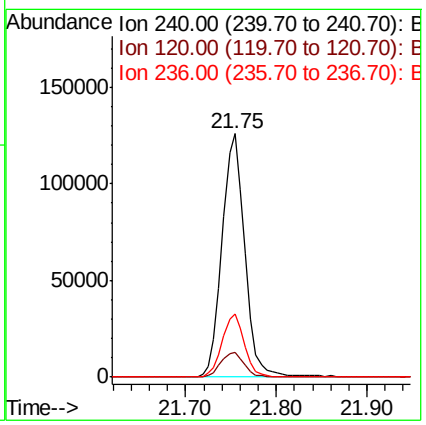


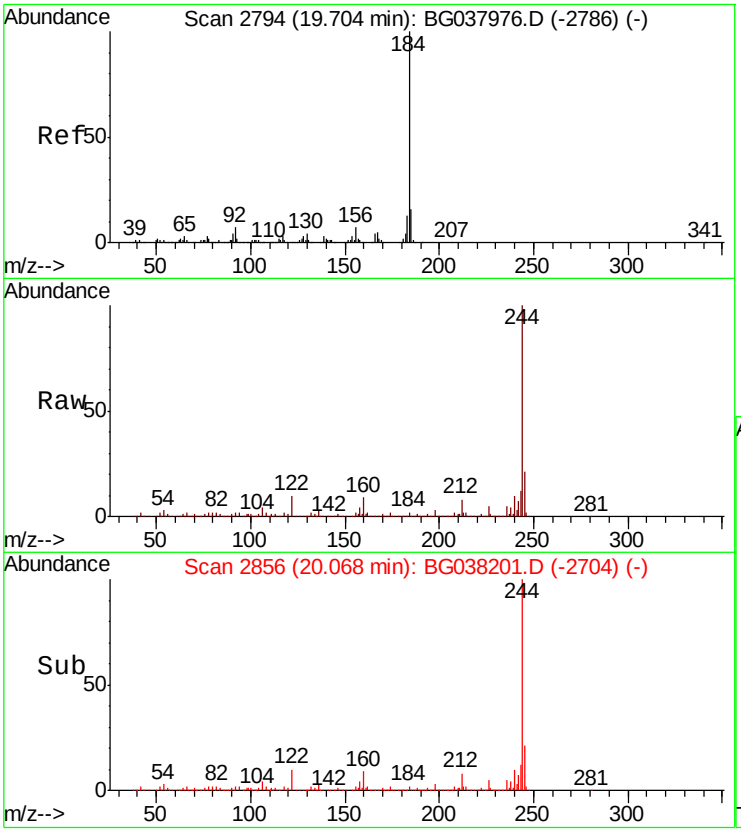


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Tgt Ion:240 Resp: 219416

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.1	12.1
236	26.1	21.4	32.0



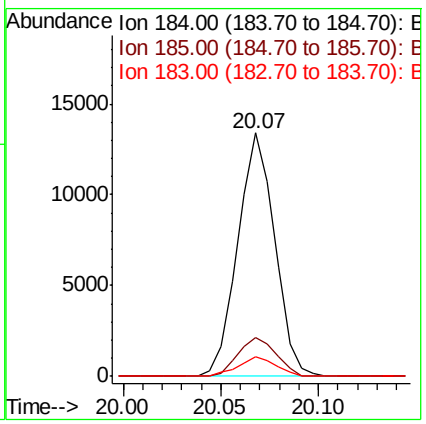


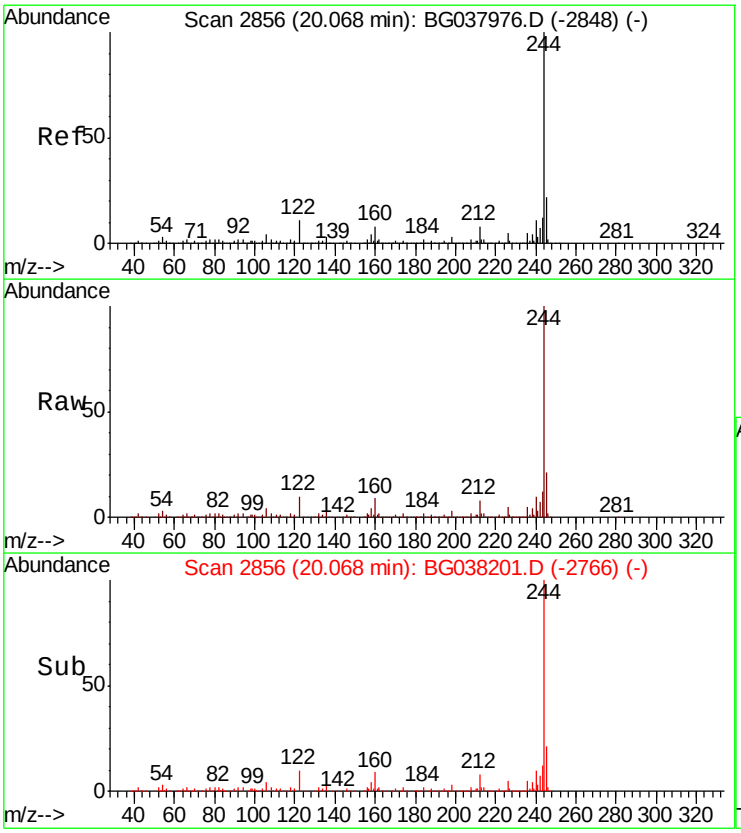
#77
Benzidine
Concen: 2.279 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.36 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 17546

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.6	18.8
183	7.9	10.2	15.2#

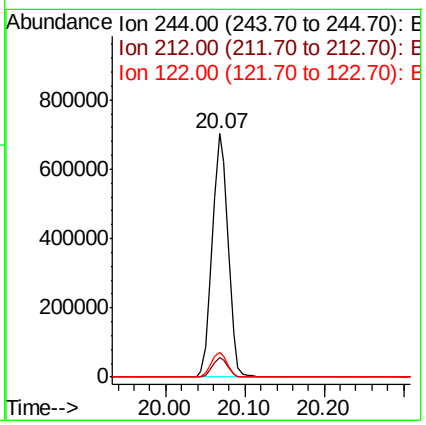


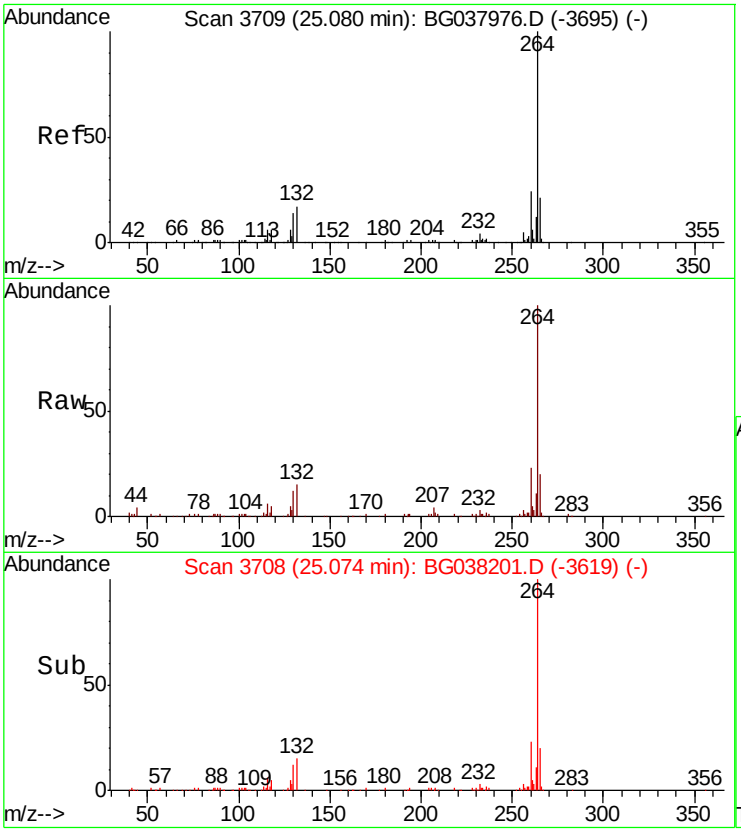


#79
Terphenyl-d14
Concen: 104.264 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Tgt Ion:244 Resp: 972255

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	10.3	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 211770

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	20.3	17.9	26.9