Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038194.D
Acq On : 28 Nov 2018 10:05
Operator : JU/SJ
Sample : J6070-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 28 11:12:24 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	37997	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	172254	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	107547	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	243501	20.00	ng		0.00
76) Chrysene-d12	21.75	240	232844	20.00	ng		0.00
87) Perylene-d12	25.08	264	222341	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	96329	43.77	ng		0.00
7) Phenol-d6	7.23	99	88540	28.18	ng		0.00
23) Nitrobenzene-d5	9.27	82	300489	93.38	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	109246	89.07	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	681206	92.28	ng		0.00
79) Terphenyl-d14	20.07	244	1018979	102.97	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.26	94	10975	3.298	ng		98
19) n-Nitroso-di-n-propylamine	9.27	70	40112	17.647	ng	#	74
51) 2,6-Dinitrotoluene	14.72	165	14042	7.277	ng	#	26
54) 2,4-Dinitrophenol	15.15	184	55	9.331	ng	#	26
57) 2,4-Dinitrotoluene	14.72	165	14042	5.348	ng	#	25
67) 4-Bromophenyl-phenylether	16.21	248	7680	2.874	ng	#	1
77) Benzidine	20.07	184	17814	2.180	ng	#	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038194.D
Acq On : 28 Nov 2018 10:05
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ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Nov 28 11:12:24 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
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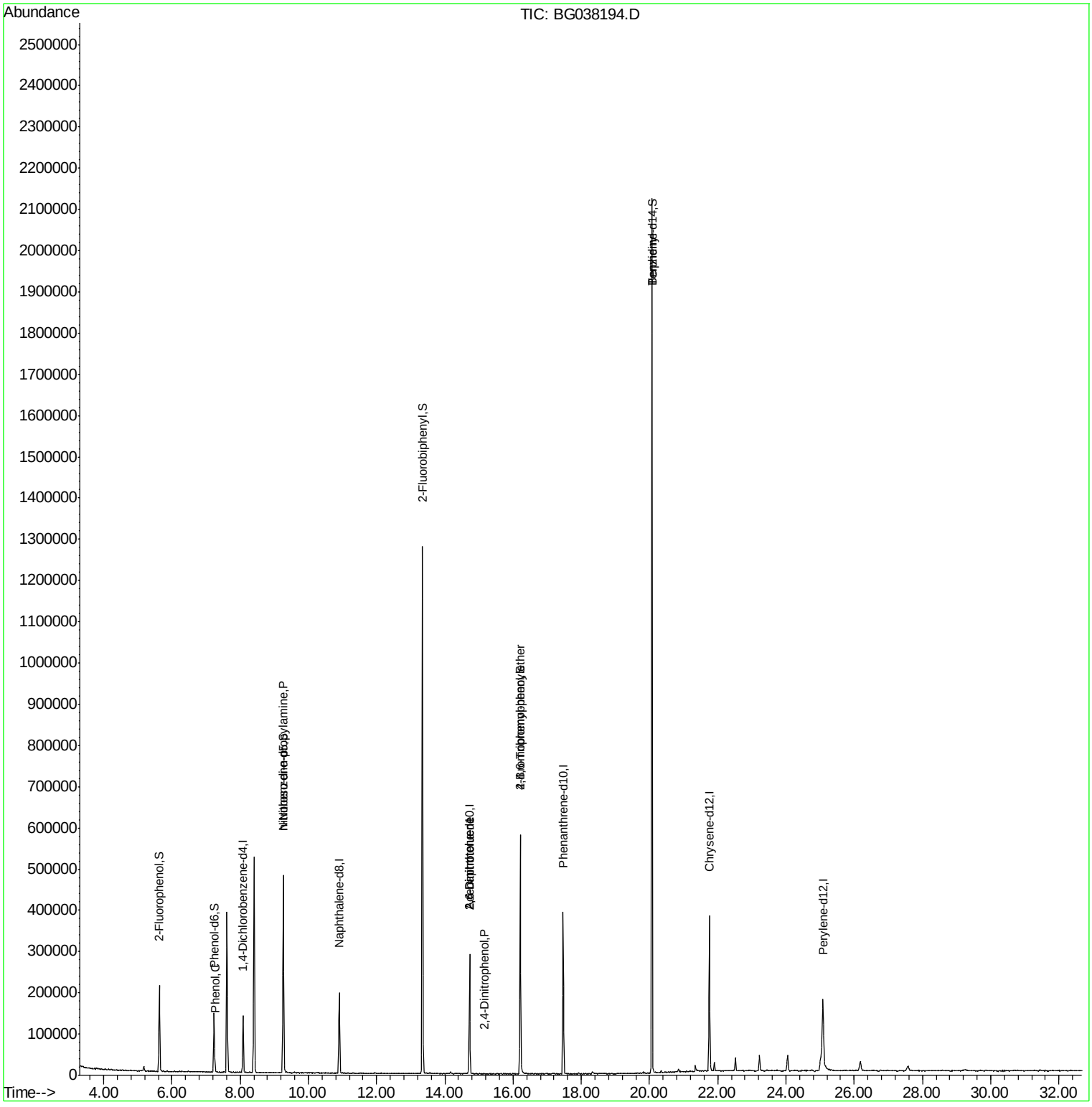
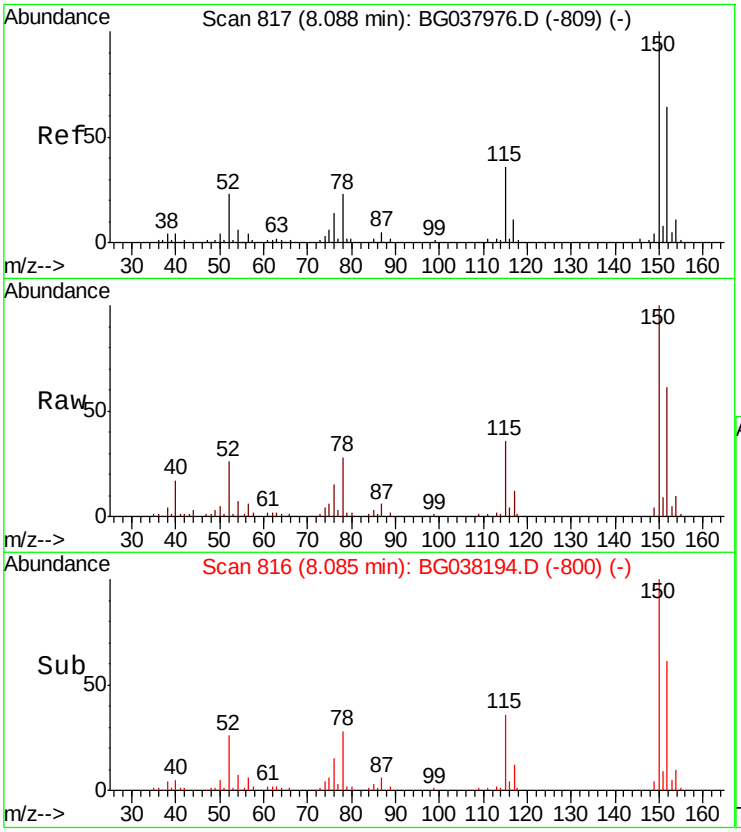


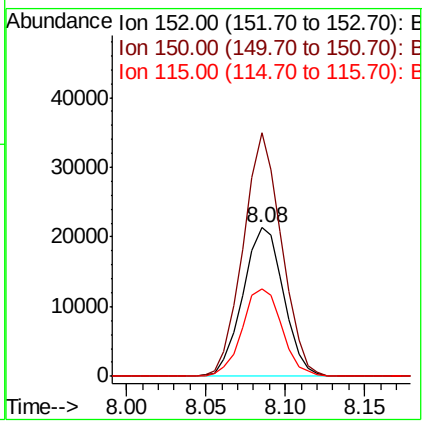


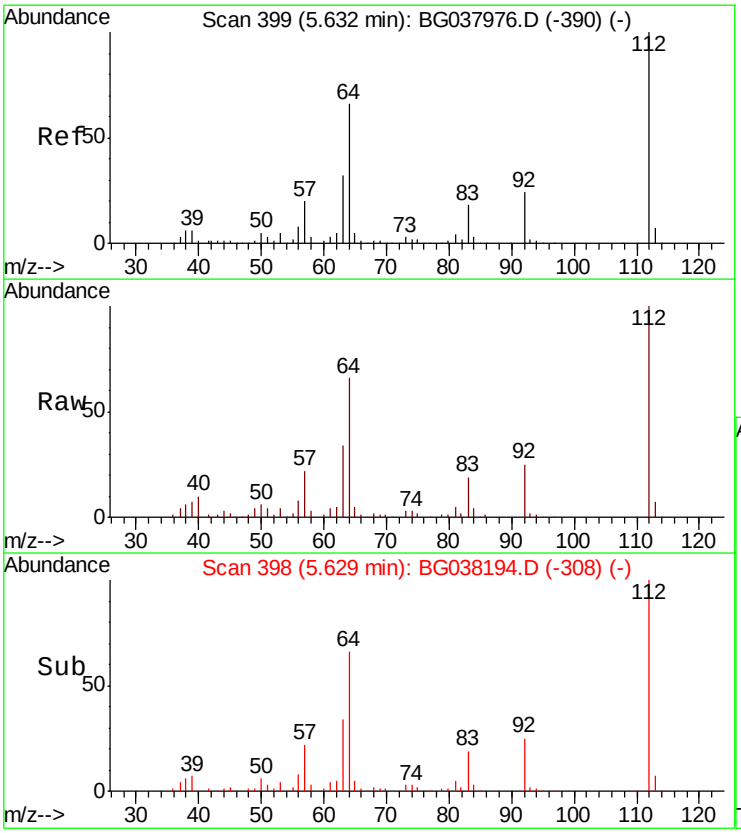
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038194.D
Acq: 28 Nov 2018 10:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 37997

Ion	Ratio	Lower	Upper
152	100		
150	163.8	126.0	189.0
115	58.7	45.5	68.3

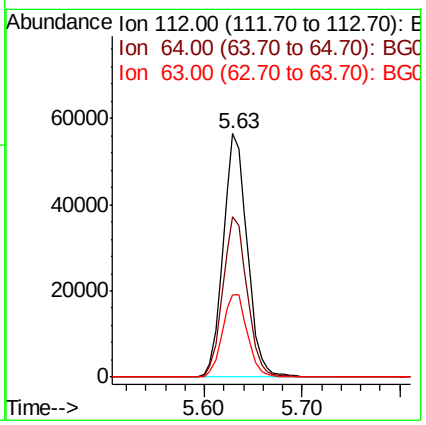


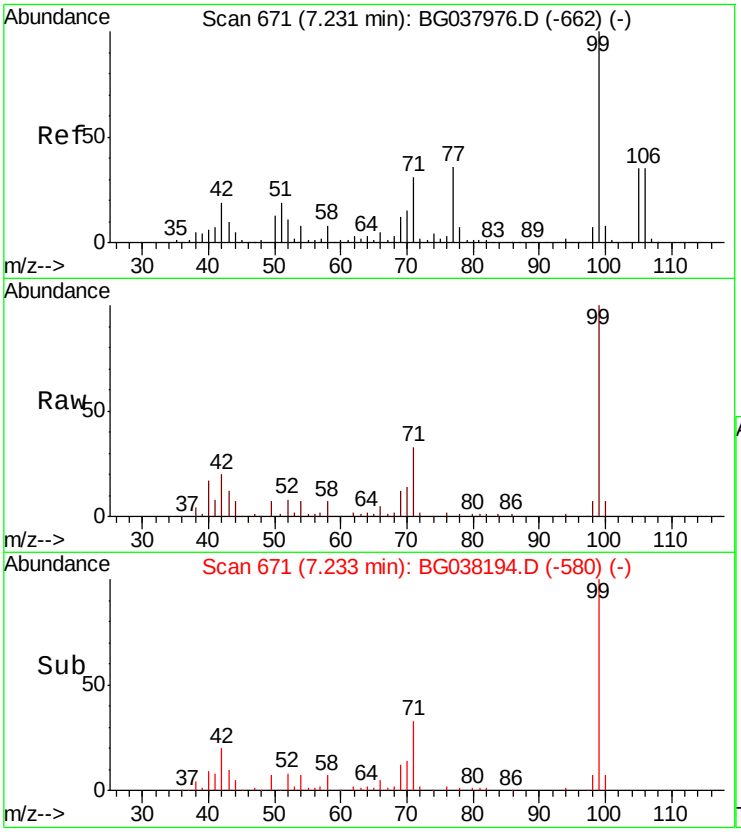


#5
2-Fluorophenol
Concen: 43.771 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038194.D
Acq: 28 Nov 2018 10:05

Tgt Ion:112 Resp: 96329

Ion	Ratio	Lower	Upper
112	100		
64	66.0	53.1	79.7
63	33.8	27.3	40.9



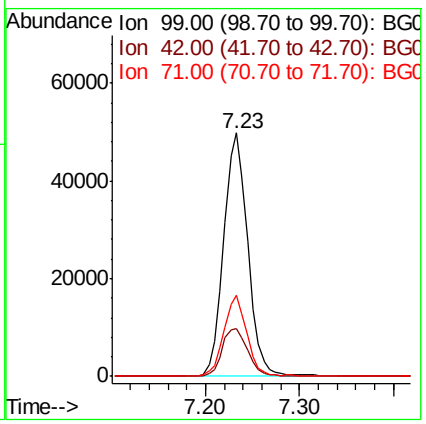


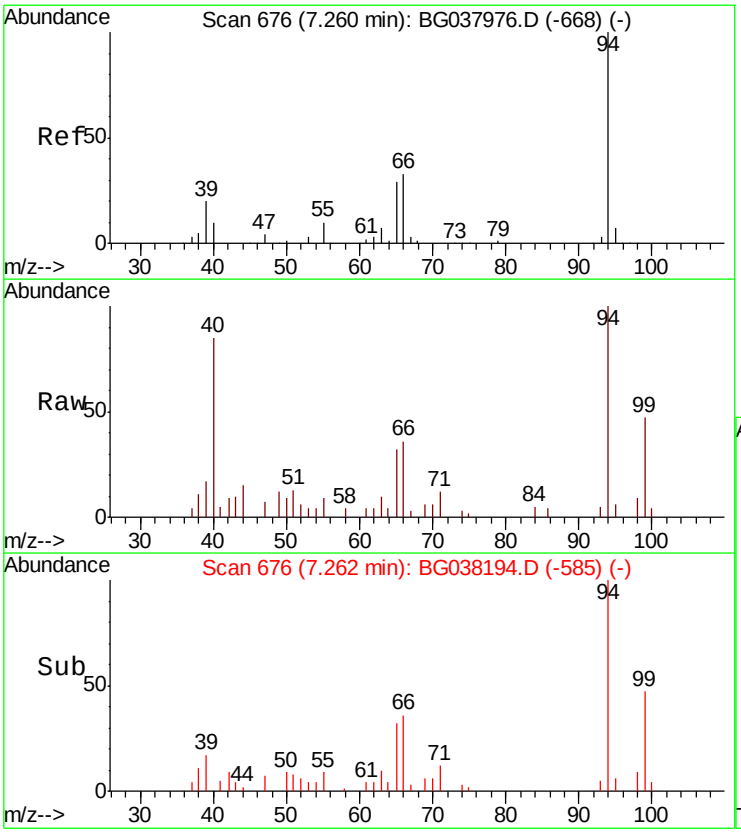
#7
Phenol-d6
Concen: 28.185 ng
RT: 7.23 min Scan# 671
Delta R.T. 0.00 min
Lab File: BG038194.D
Acq: 28 Nov 2018 10:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 88540

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.0	22.4
71	33.5	25.5	38.3

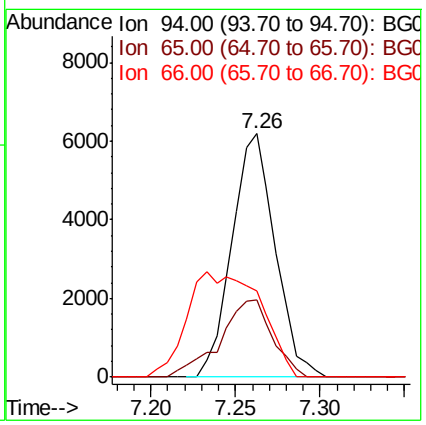


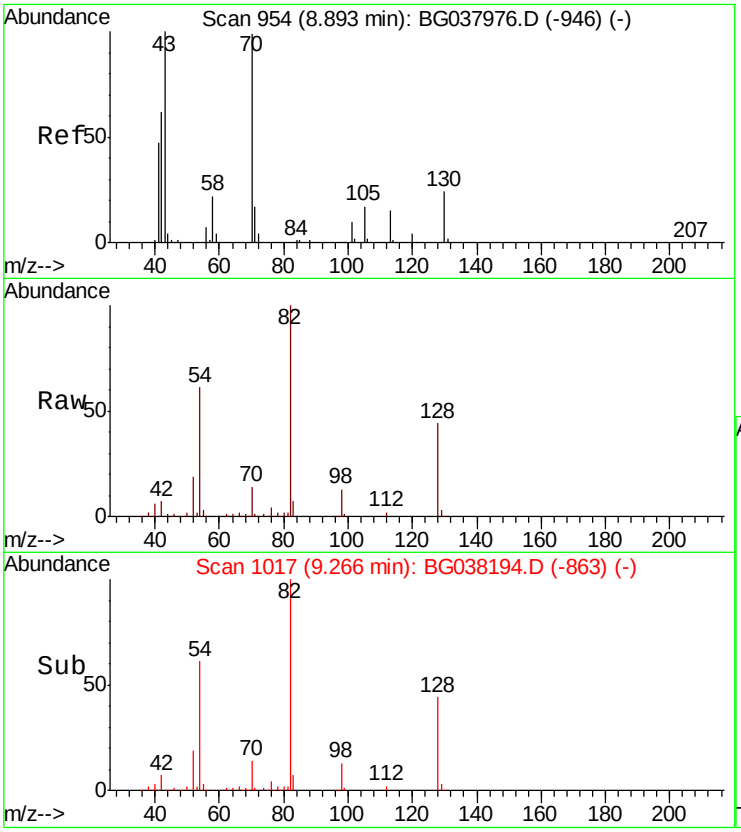


#10
Phenol
Concen: 3.298 ng
RT: 7.26 min Scan# 676
Delta R.T. 0.00 min
Lab File: BG038194.D
Acq: 28 Nov 2018 10:05

Tgt Ion: 94 Resp: 10975

Ion	Ratio	Lower	Upper
94	100		
65	31.9	9.7	49.7
66	35.5	15.9	55.9



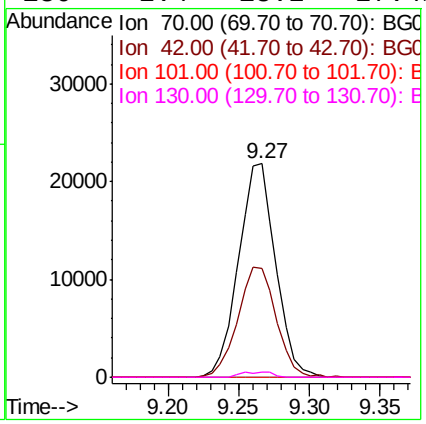


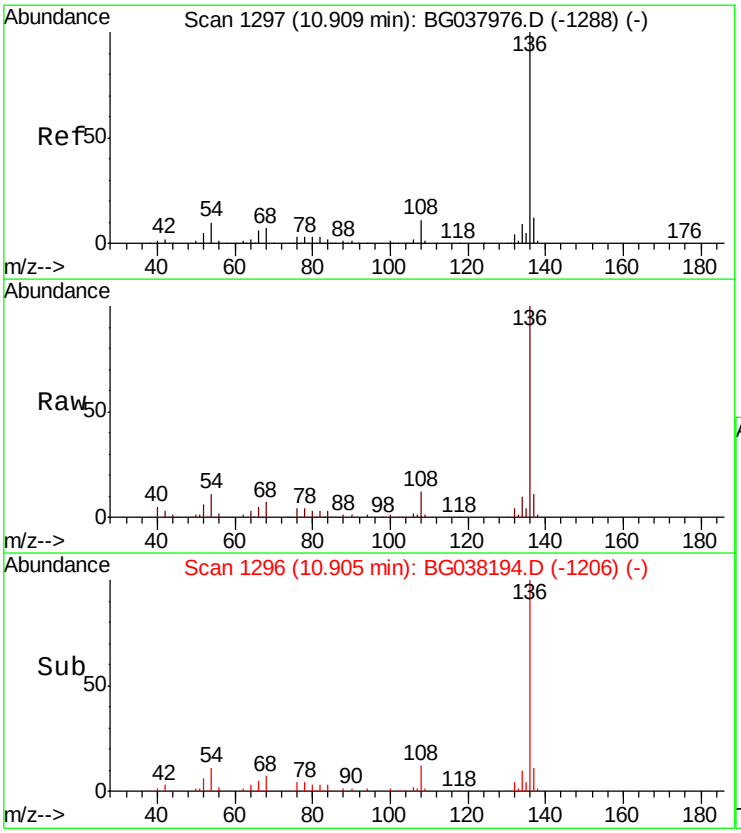
#19
n-Nitroso-di-n-propylamine
Concen: 17.647 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038194.D
Acq: 28 Nov 2018 10:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 40112

Ion	Ratio	Lower	Upper
70	100		
42	50.9	53.9	80.9#
101	0.0	8.2	12.2#
130	2.4	18.2	27.4#

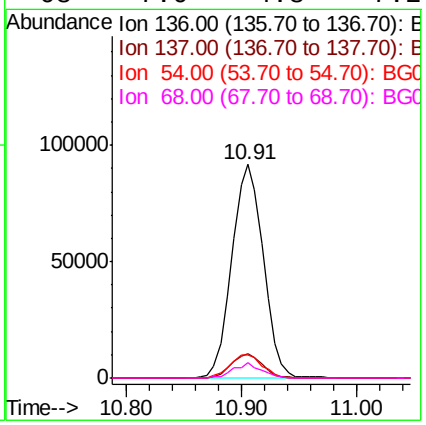


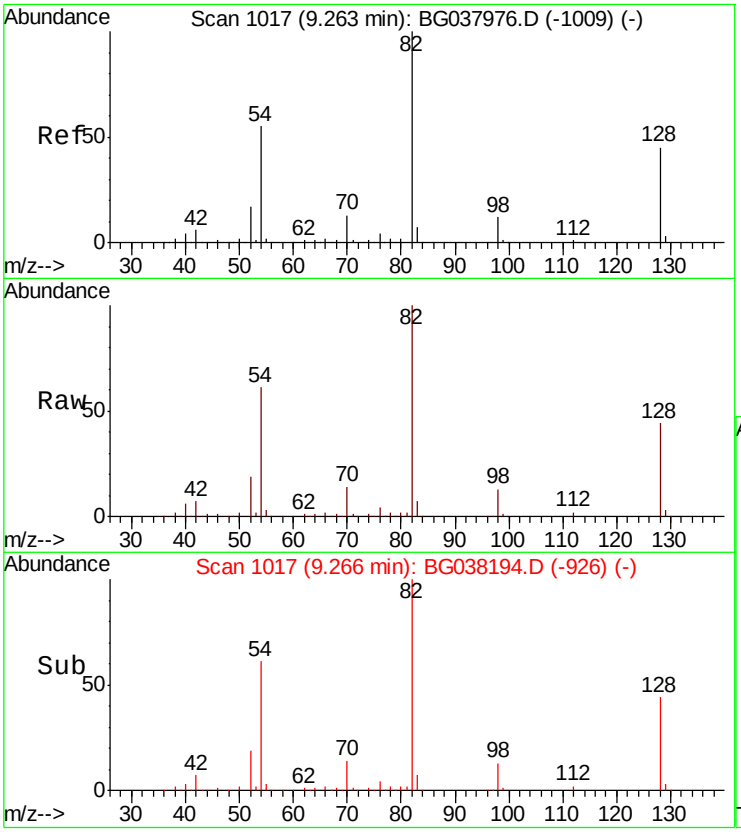


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038194.D
Acq: 28 Nov 2018 10:05

Tgt Ion:136 Resp: 172254

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	10.7	7.9	11.9
68	7.0	4.8	7.2



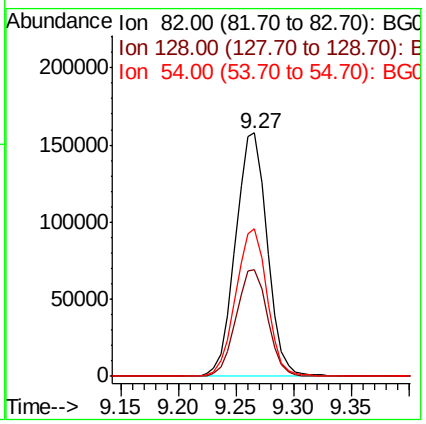


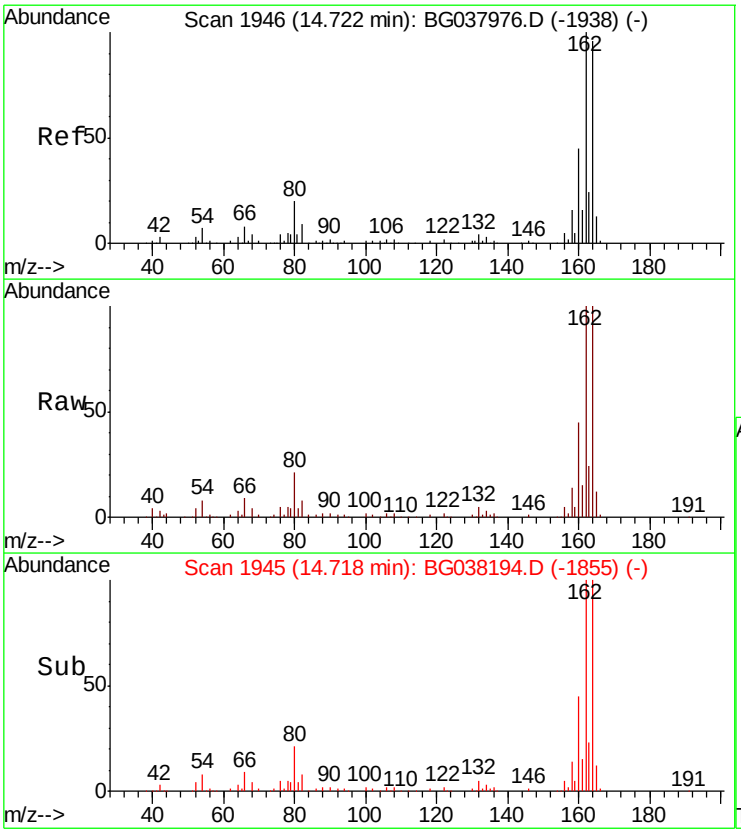
#23
Nitrobenzene-d5
Concen: 93.381 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038194.D
Acq: 28 Nov 2018 10:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 300489

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	51.8
54	60.8	45.3	67.9

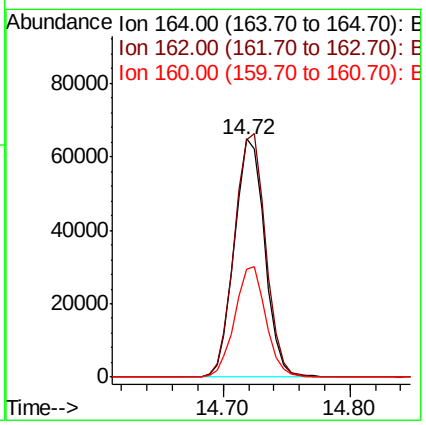


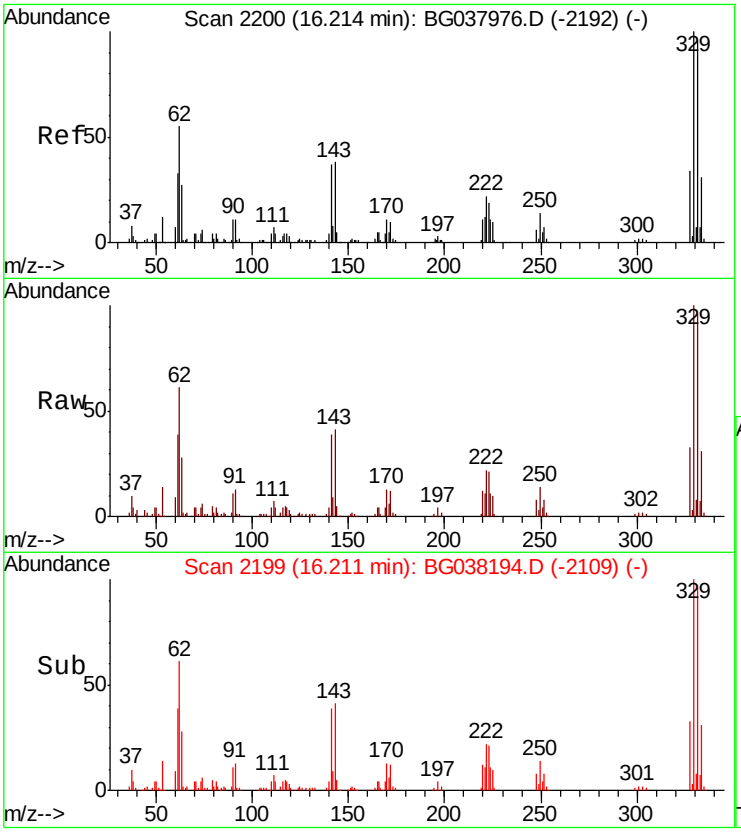


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038194.D
Acq: 28 Nov 2018 10:05

Tgt Ion:164 Resp: 107547

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.3	121.9
160	45.2	36.3	54.5



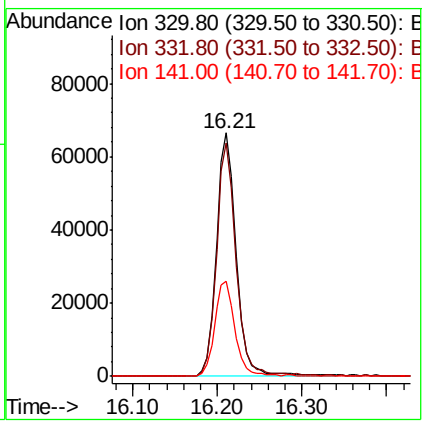


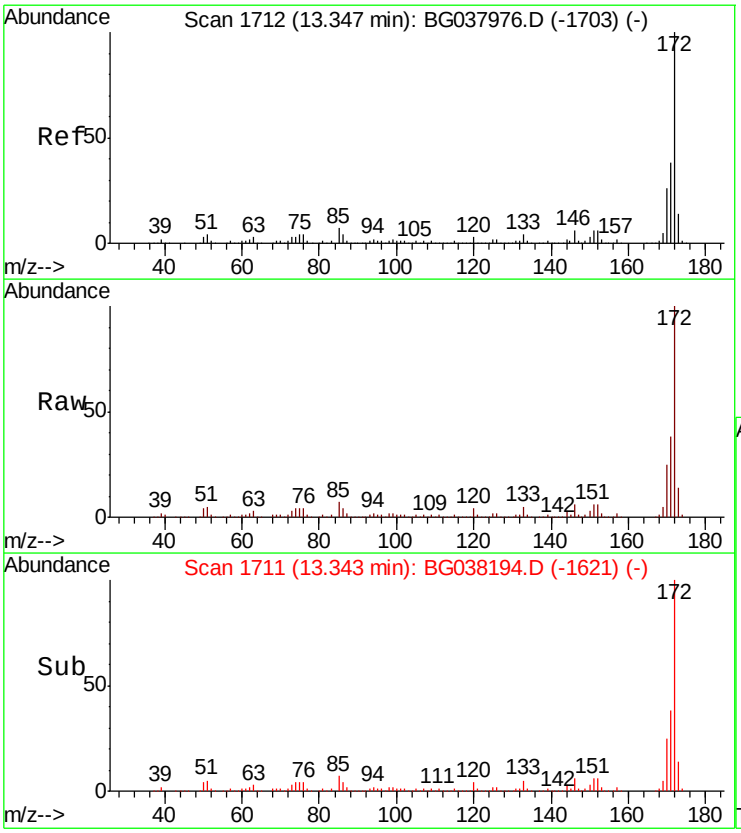
#42
2,4,6-Tribromophenol
Concen: 89.068 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG038194.D
Acq: 28 Nov 2018 10:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 109246

Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.4	117.6
141	40.4	32.2	48.2

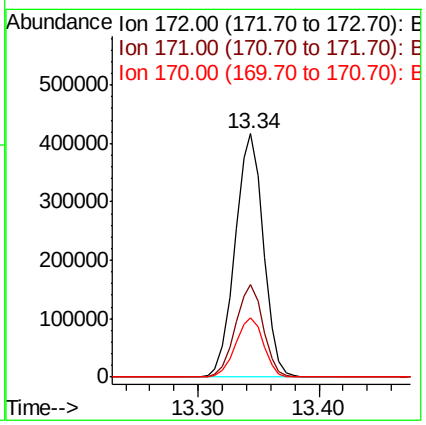


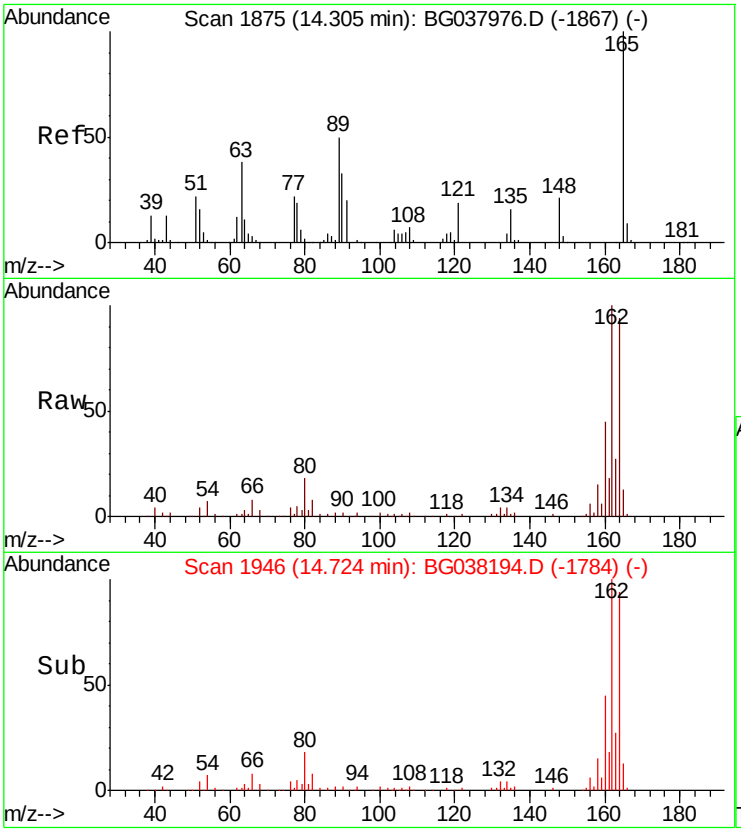


#45
2-Fluorobiphenyl
Concen: 92.277 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG038194.D
Acq: 28 Nov 2018 10:05

Tgt Ion:172 Resp: 681206

Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	24.5	20.2	30.2



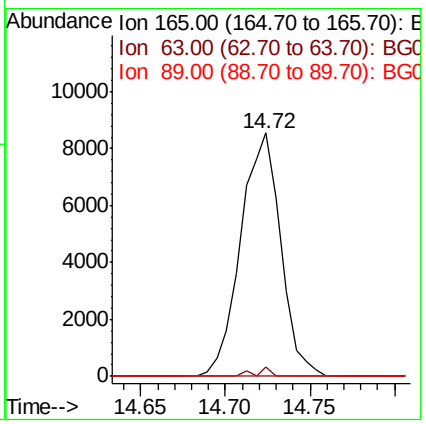


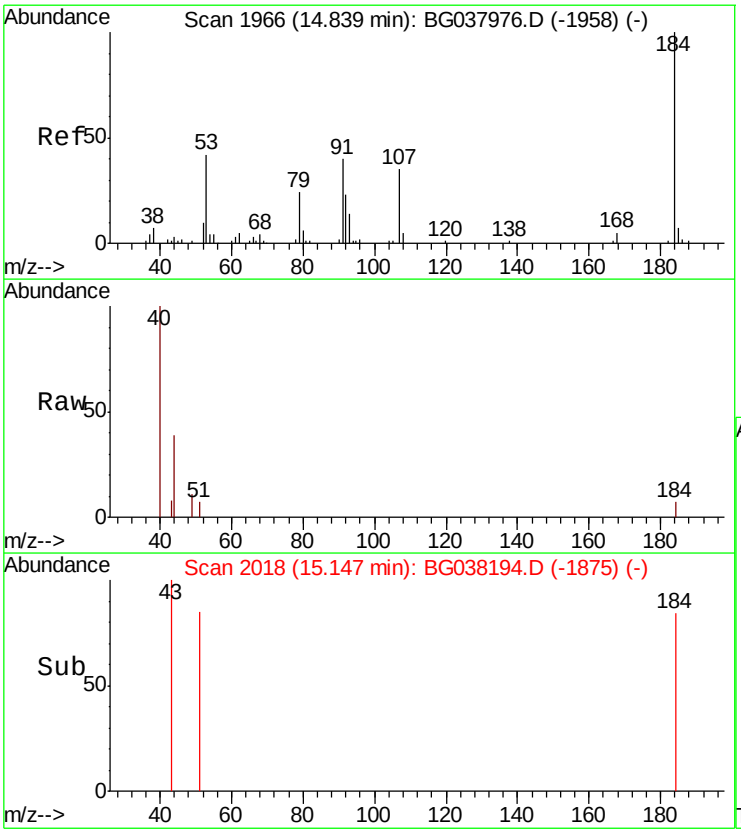
#51
2,6-Dinitrotoluene
Concen: 7.277 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.42 min
Lab File: BG038194.D
Acq: 28 Nov 2018 10:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14042

Ion	Ratio	Lower	Upper
165	100		
63	3.9	43.4	65.2#
89	0.0	45.8	68.6#

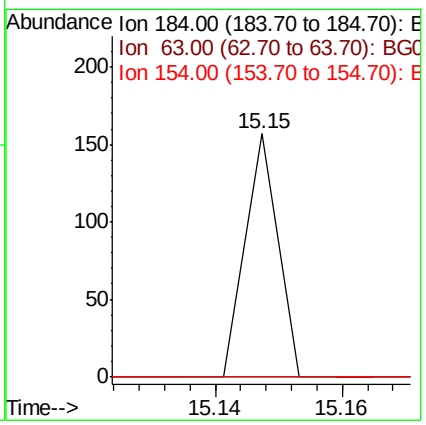


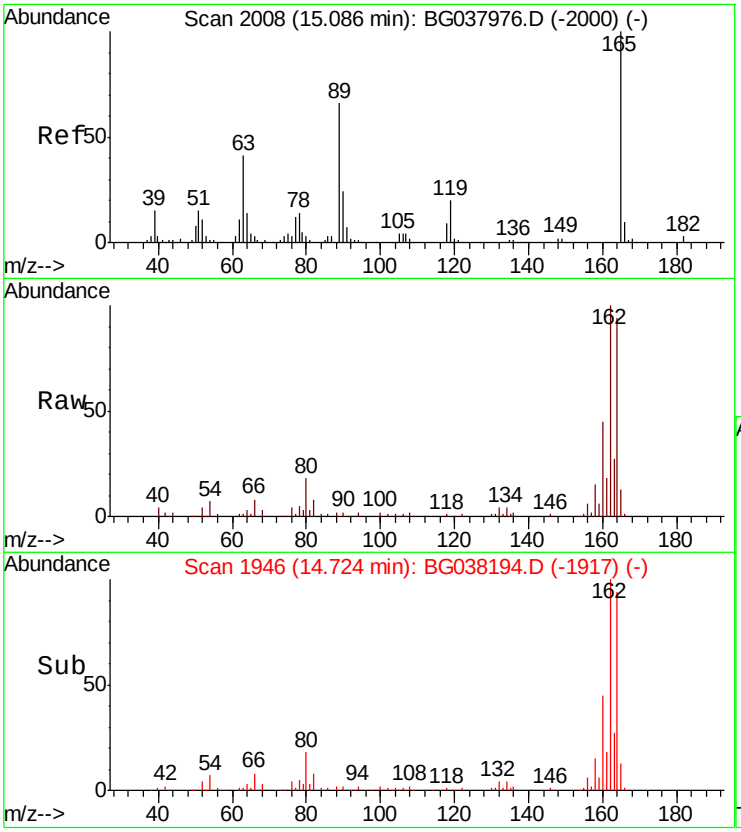


#54
2,4-Dinitrophenol
Concen: 9.331 ng
RT: 15.15 min Scan# 2018
Delta R.T. 0.31 min
Lab File: BG038194.D
Acq: 28 Nov 2018 10:05

Tgt Ion:184 Resp: 55

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



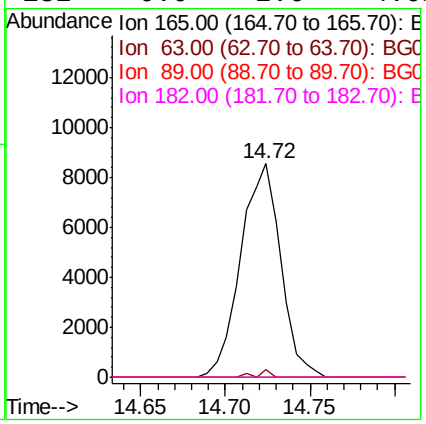


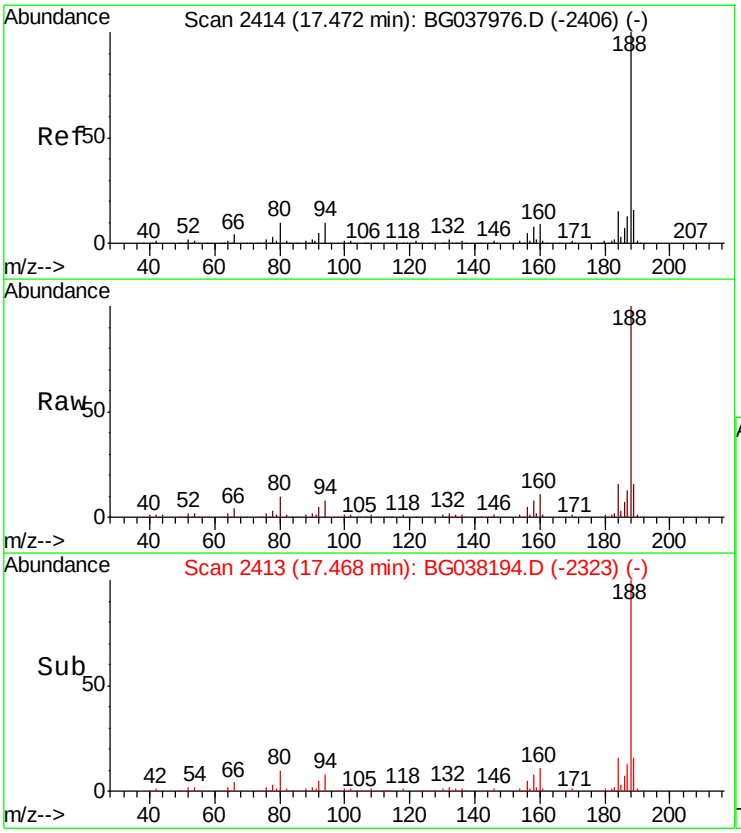
#57
2,4-Dinitrotoluene
Concen: 5.348 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.36 min
Lab File: BG038194.D
Acq: 28 Nov 2018 10:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14042

Ion	Ratio	Lower	Upper
165	100		
63	3.9	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

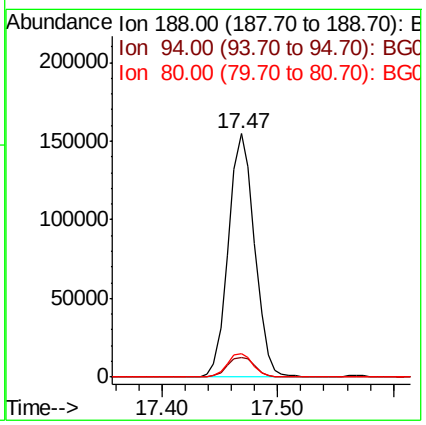


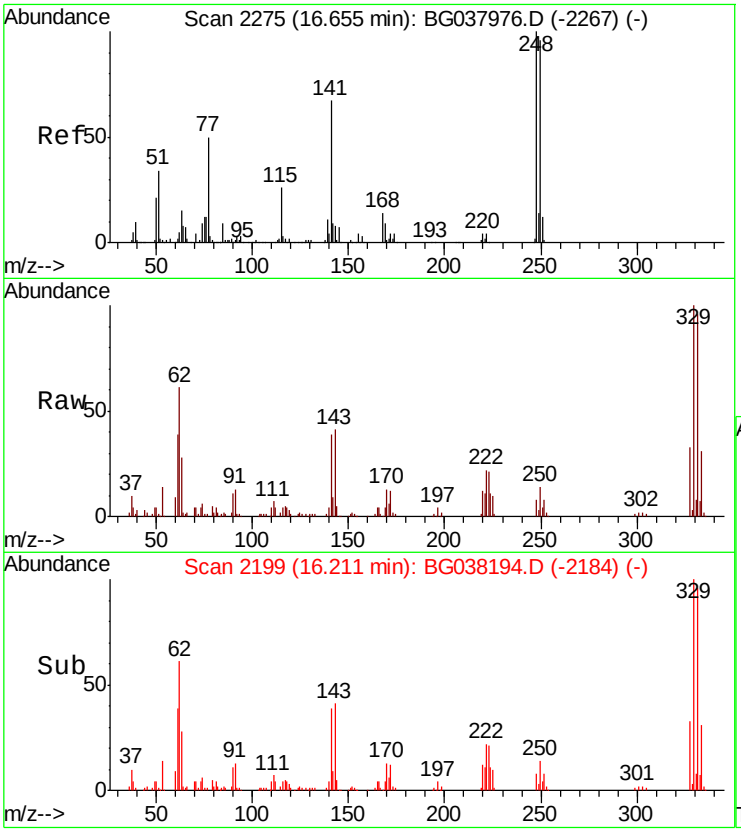


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038194.D
Acq: 28 Nov 2018 10:05

Tgt Ion:188 Resp: 243501

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	9.8	7.7	11.5



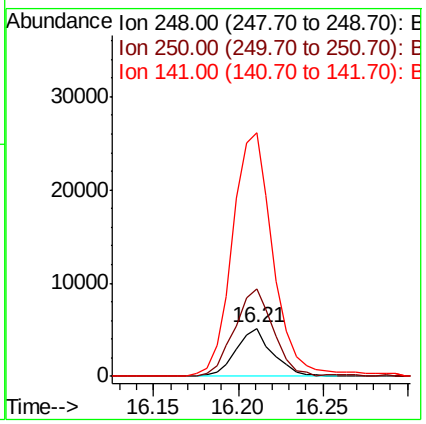


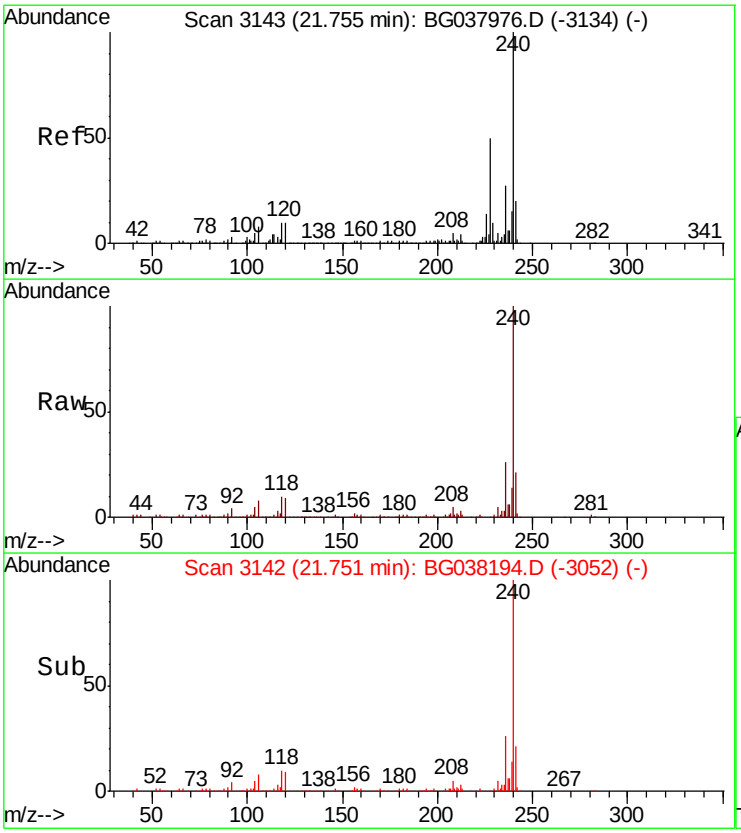
#67
4-Bromophenyl-phenylether
Concen: 2.874 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.44 min
Lab File: BG038194.D
Acq: 28 Nov 2018 10:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 7680

Ion	Ratio	Lower	Upper
248	100		
250	178.2	77.0	115.6#
141	381.5	55.5	83.3#

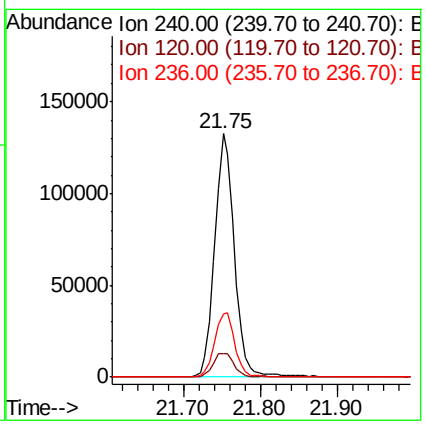


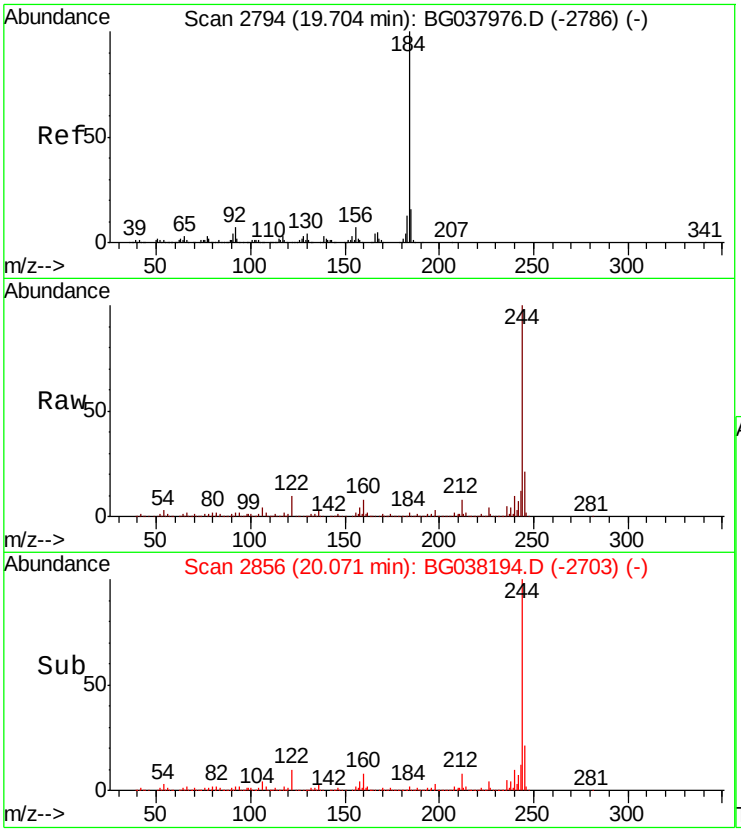


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038194.D
Acq: 28 Nov 2018 10:05

Tgt Ion:240 Resp: 232844

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.1	12.1
236	25.8	21.4	32.0



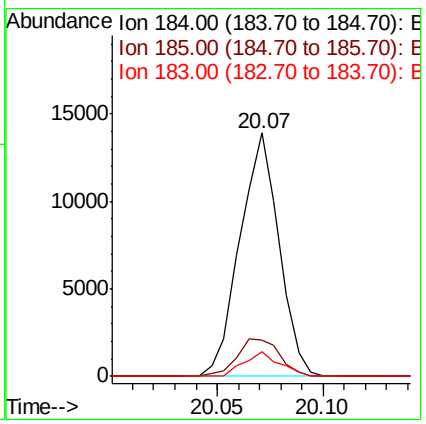


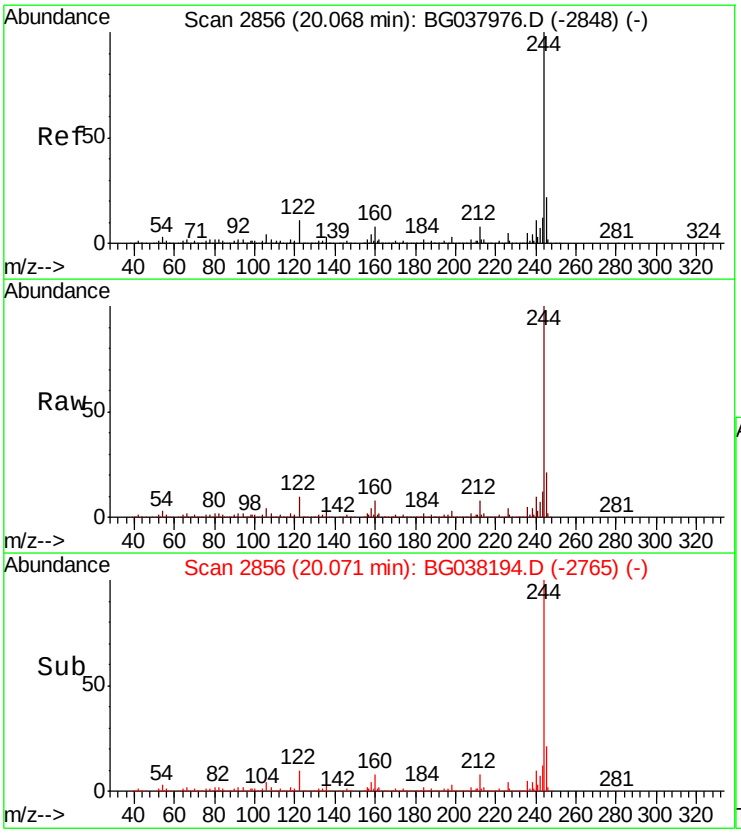
#77
Benzidine
Concen: 2.180 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.37 min
Lab File: BG038194.D
Acq: 28 Nov 2018 10:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 17814

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	18.8
183	10.0	10.2	15.2#

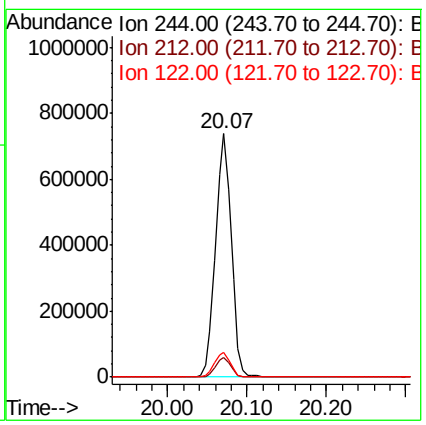


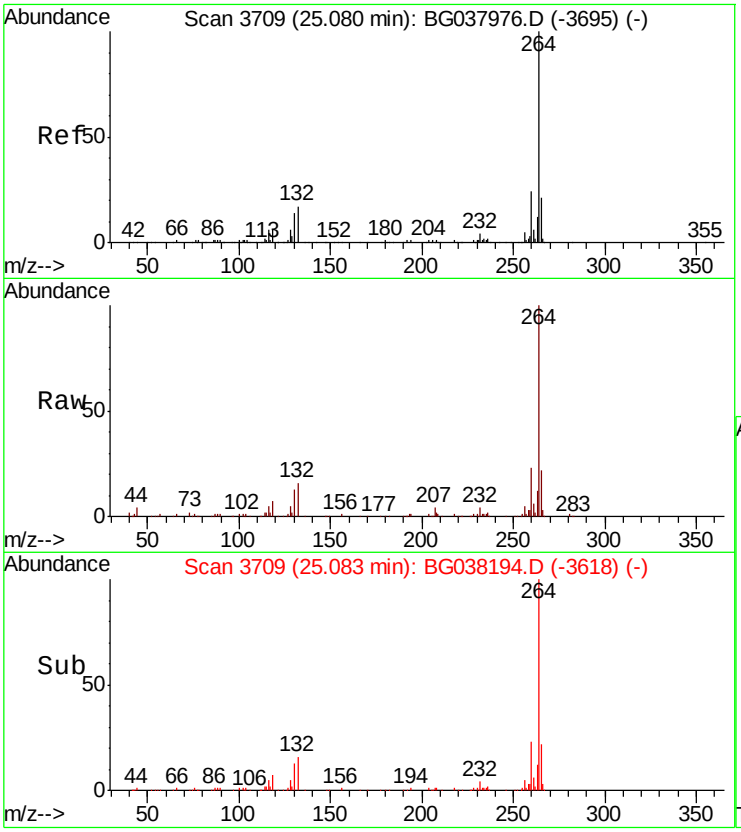


#79
Terphenyl-d14
Concen: 102.973 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038194.D
Acq: 28 Nov 2018 10:05

Tgt Ion:244 Resp: 1018979

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.1	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: BG038194.D
Acq: 28 Nov 2018 10:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 222341

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	21.7	17.9	26.9