Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037923.D
Acq On : 9 Nov 2018 16:42
Operator : JU/SJ
Sample : J5860-26
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(22-24)

Quant Time: Nov 12 06:09:34 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	58344	20.00	ng		-0.02
21) Naphthalene-d8	10.91	136	262282	20.00	ng		-0.02
39) Acenaphthene-d10	14.72	164	169591	20.00	ng		-0.02
64) Phenanthrene-d10	17.47	188	389119	20.00	ng		-0.01
76) Chrysene-d12	21.76	240	348015	20.00	ng		-0.02
87) Perylene-d12	25.08	264	305135	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	519679	148.91	ng		-0.01
7) Phenol-d6	7.24	99	773528	146.59	ng		-0.01
23) Nitrobenzene-d5	9.27	82	466616	99.66	ng		-0.01
42) 2,4,6-Tribromophenol	16.22	330	290427	157.01	ng		-0.01
45) 2-Fluorobiphenyl	13.35	172	1107636	98.49	ng		-0.02
79) Terphenyl-d14	20.07	244	1503575	92.32	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.27	94	55976	10.054	ng		98
19) n-Nitroso-di-n-propylamine	9.27	70	59910	16.487	ng	#	72
50) Dimethylphthalate	14.17	163	219944	16.764	ng		98
57) 2,4-Dinitrotoluene	14.72	165	22406	5.881	ng	#	25
65) 4,6-Dinitro-2-methylphenol	16.22	198	930	8.882	ng		79
67) 4-Bromophenyl-phenylether	16.22	248	21707	5.080	ng	#	1
77) Benzidine	20.07	184	23872	2.017	ng	#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037923.D
Acq On : 9 Nov 2018 16:42
Operator : JU/SJ
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Misc :
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Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(22-24)

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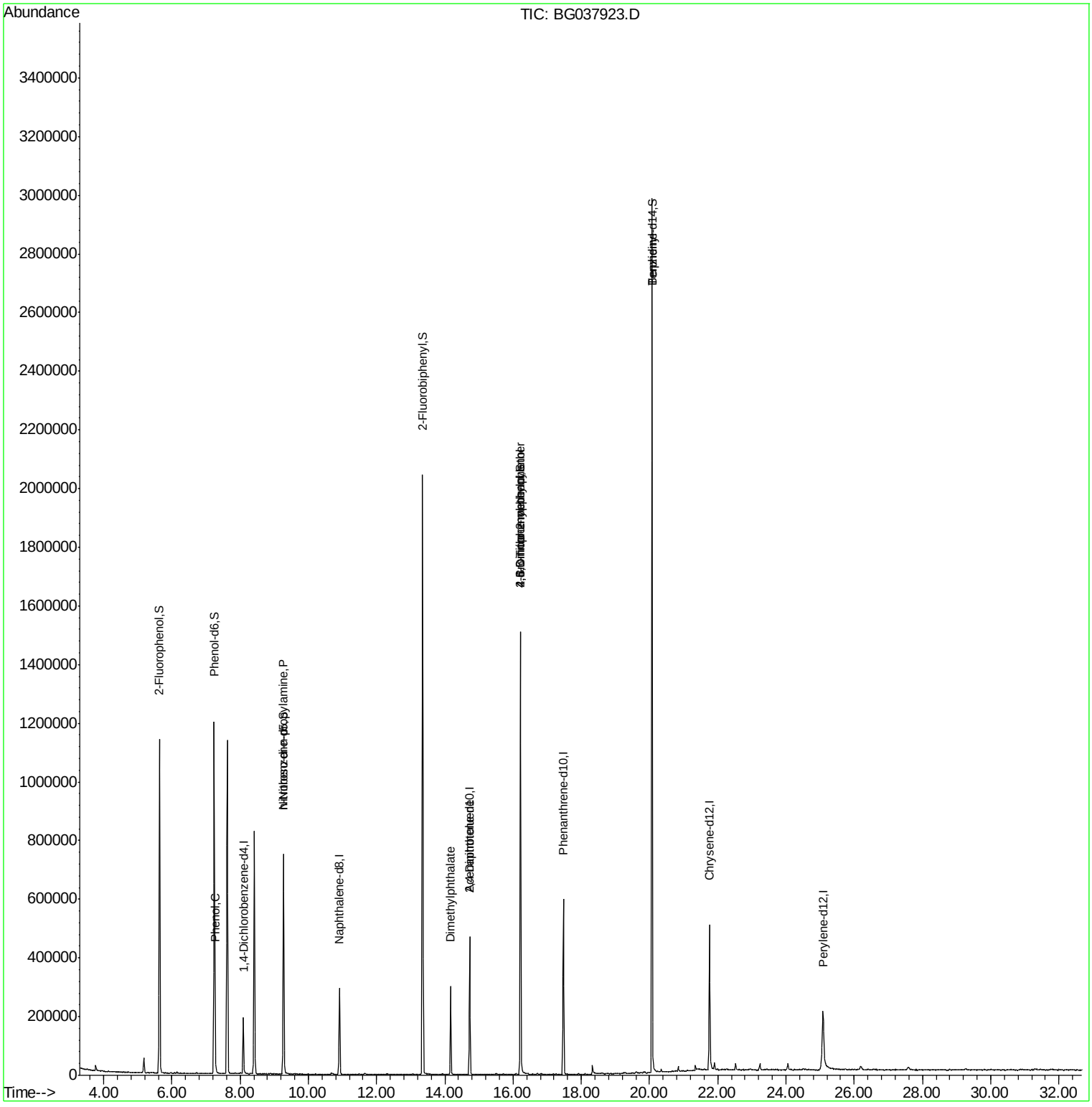
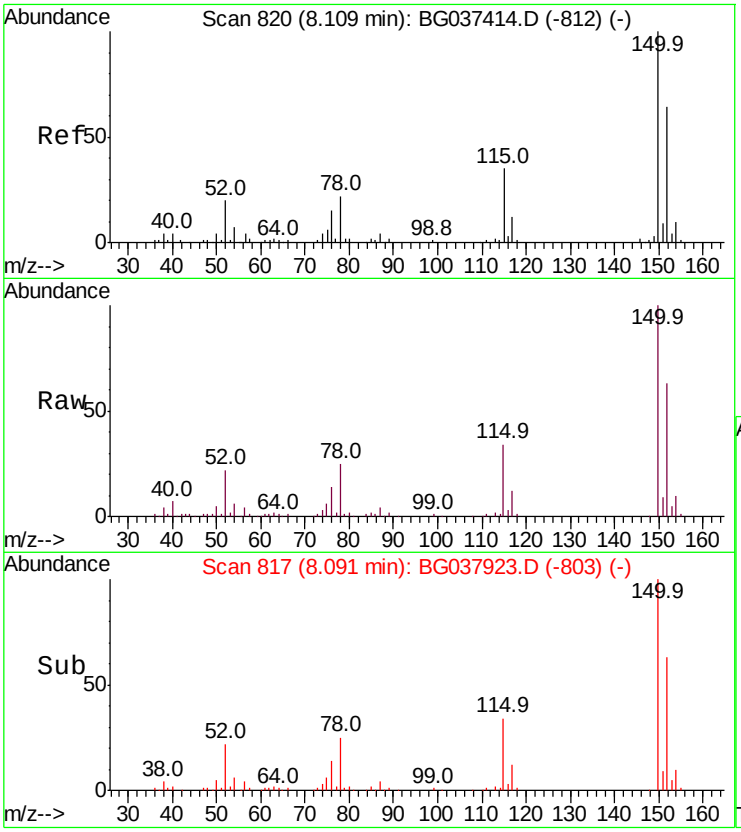


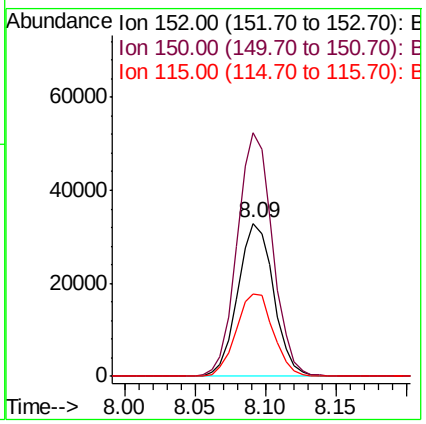


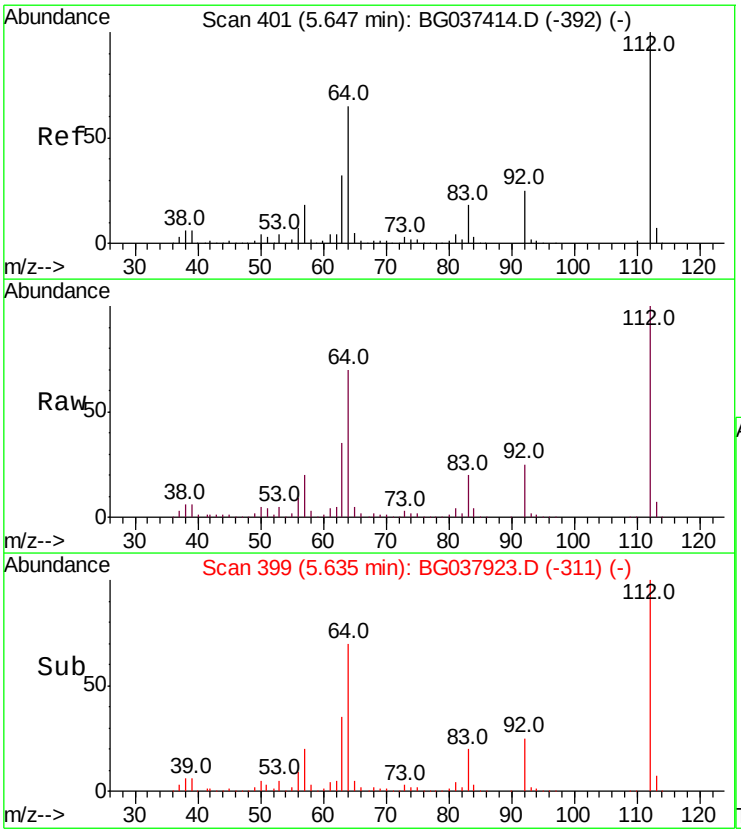
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(22-24)

Tgt Ion:152 Resp: 58344

Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.0	189.0
115	53.8	45.5	68.3

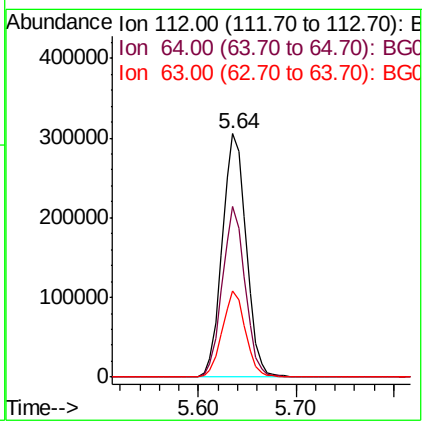


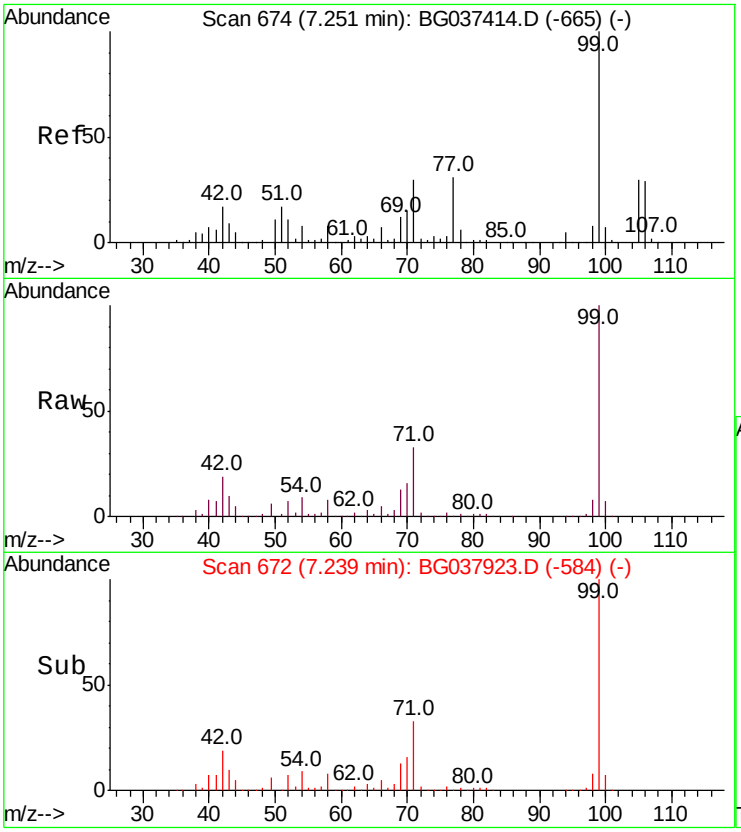


#5
2-Fluorophenol
Concen: 148.915 ng
RT: 5.64 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Tgt Ion:112 Resp: 519679

Ion	Ratio	Lower	Upper
112	100		
64	70.0	53.1	79.7
63	35.3	27.3	40.9



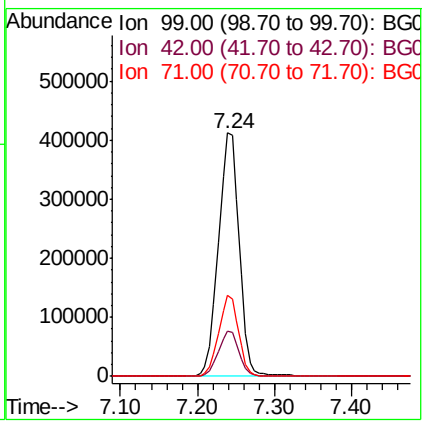


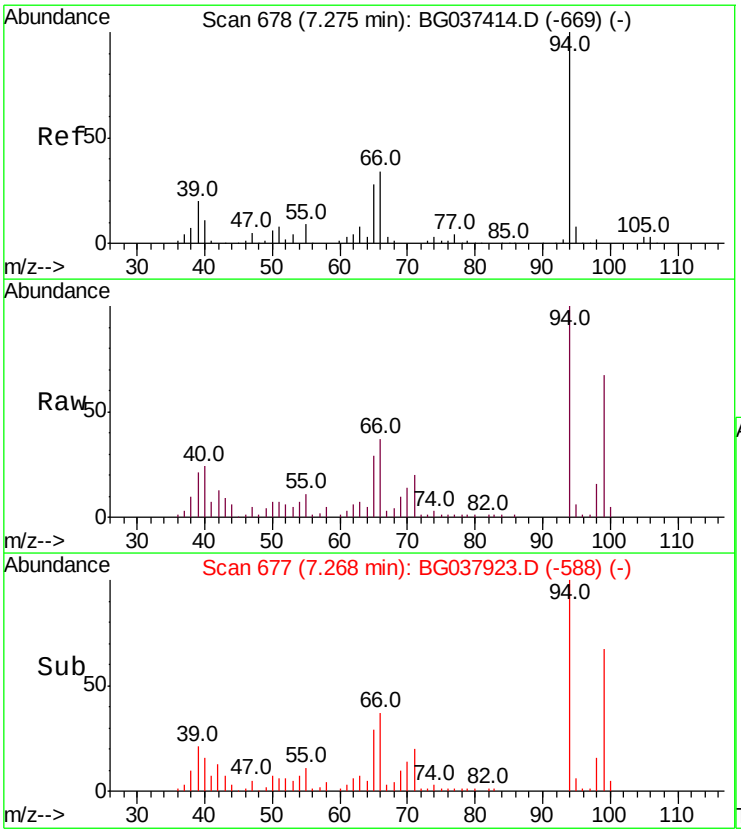
#7
Phenol-d6
Concen: 146.585 ng
RT: 7.24 min Scan# 672
Delta R.T. -0.01 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(22-24)

Tgt Ion: 99 Resp: 773528

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.4
71	33.3	25.5	38.3

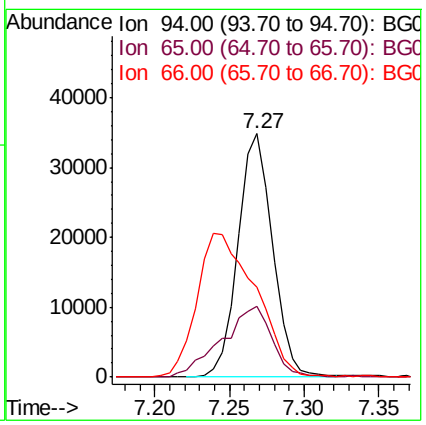


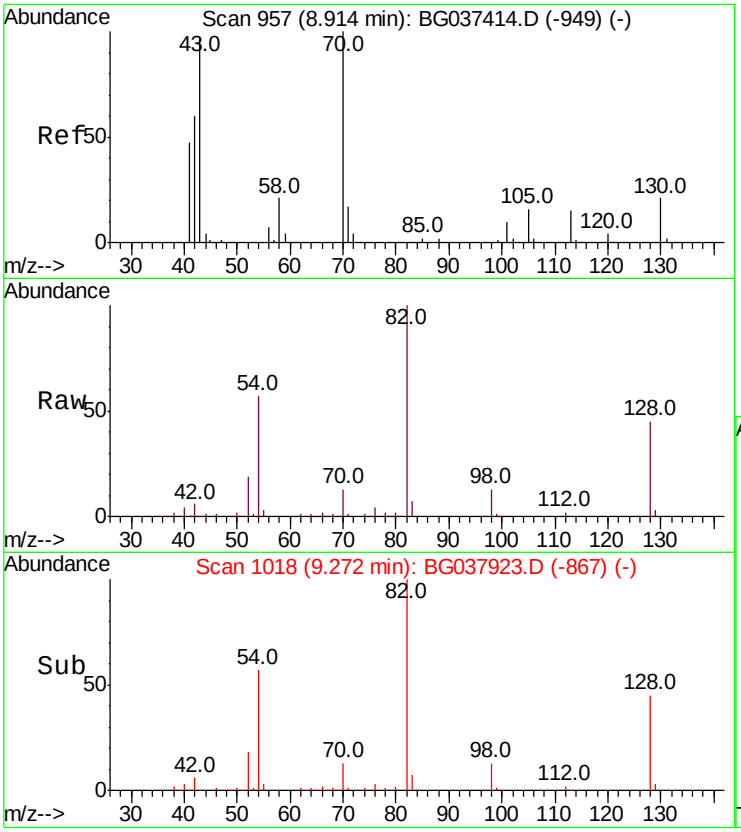


#10
Phenol
Concen: 10.054 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Tgt Ion: 94 Resp: 55976

Ion	Ratio	Lower	Upper
94	100		
65	29.3	9.7	49.7
66	37.2	15.9	55.9



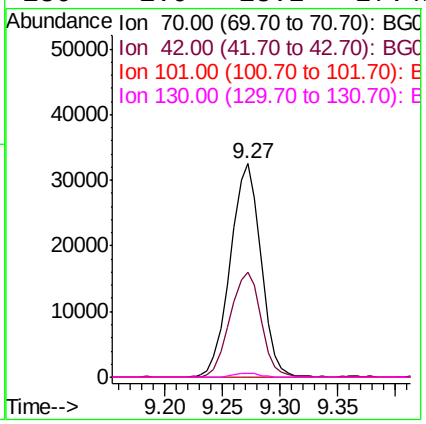


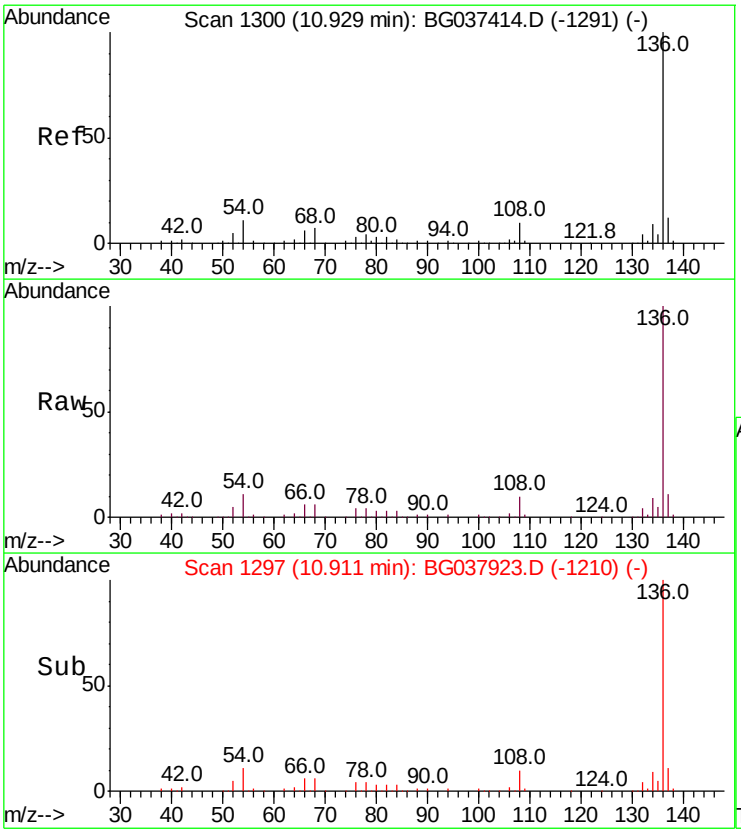
#19
n-Nitroso-di-n-propylamine
Concen: 16.487 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.36 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(22-24)

Tgt Ion: 70 Resp: 59910

Ion	Ratio	Lower	Upper
70	100		
42	49.1	53.9	80.9#
101	0.0	8.2	12.2#
130	1.9	18.2	27.4#

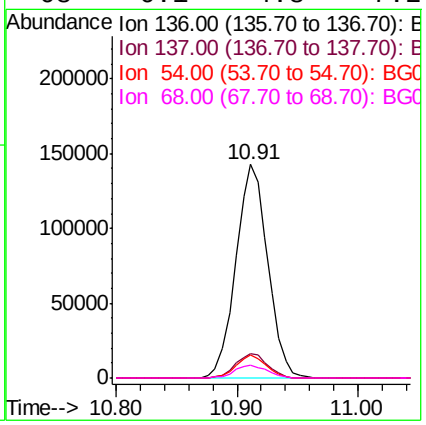


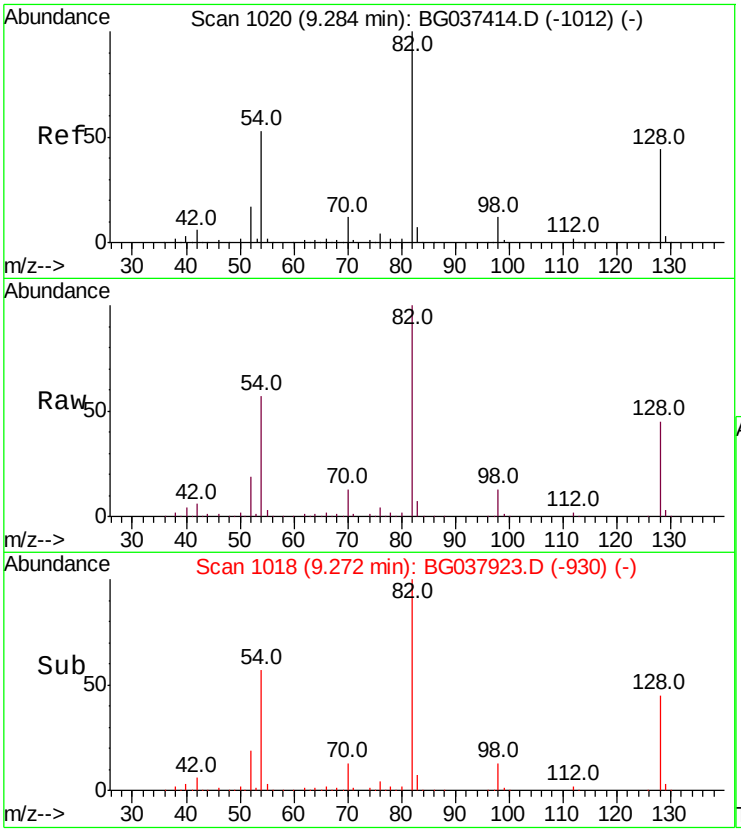


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Tgt Ion:136 Resp: 262282

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	10.9	7.9	11.9
68	6.1	4.8	7.2



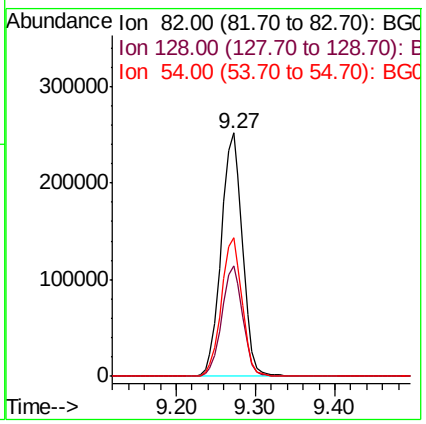


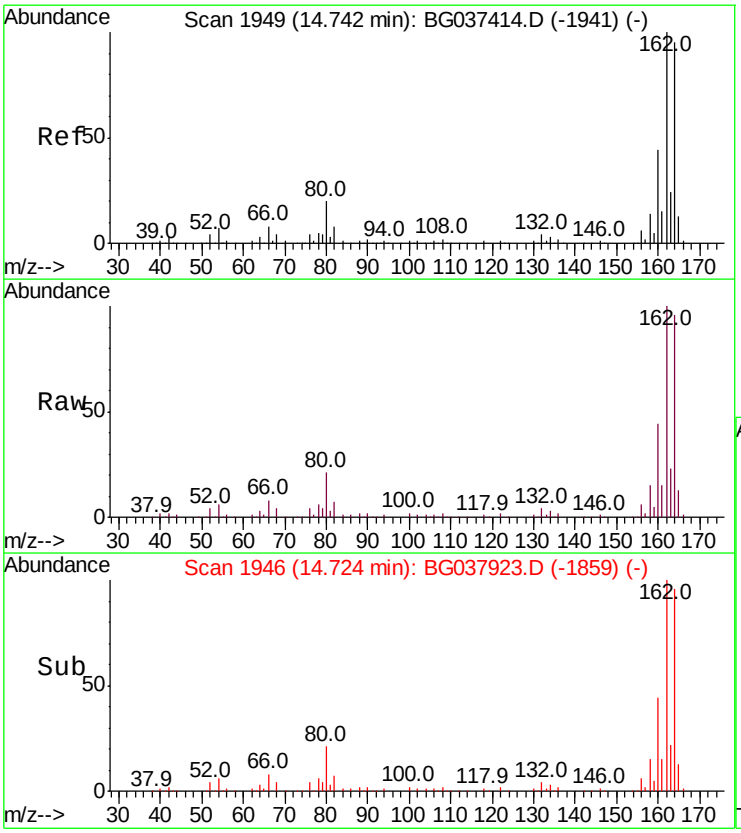
#23
Nitrobenzene-d5
Concen: 99.661 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(22-24)

Tgt Ion: 82 Resp: 466616

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	57.0	45.3	67.9

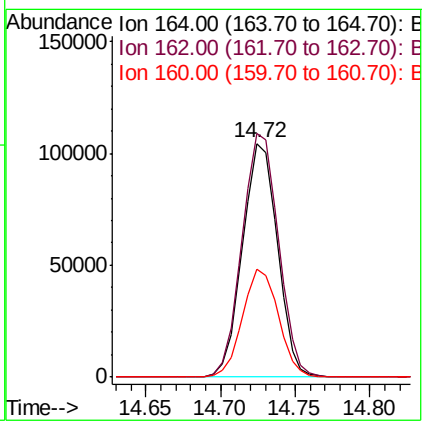


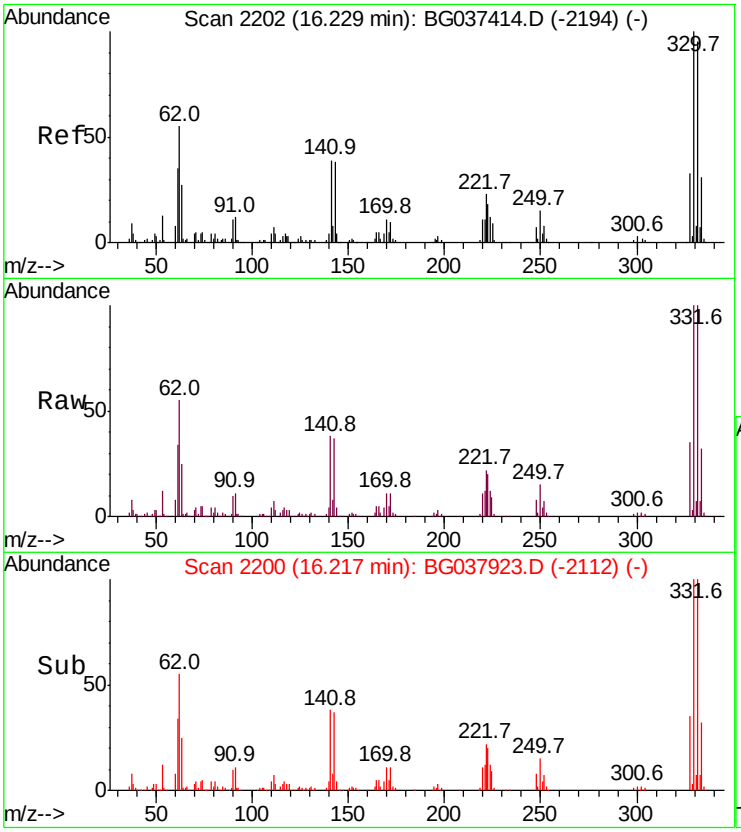


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Tgt Ion:164 Resp: 169591

Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.3	121.9
160	46.3	36.3	54.5



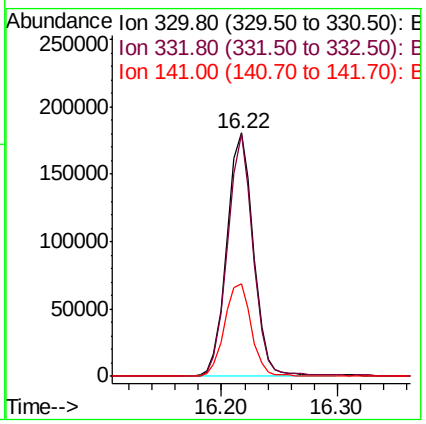


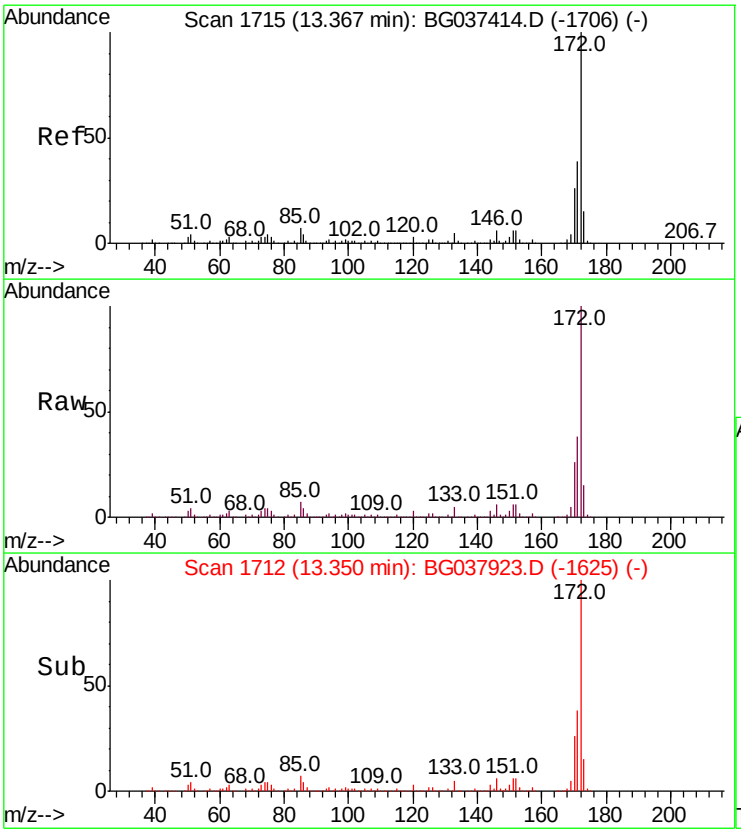
#42
2,4,6-Tribromophenol
Concen: 157.012 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(22-24)

Tgt Ion:330 Resp: 290427

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.4	117.6
141	38.2	32.2	48.2

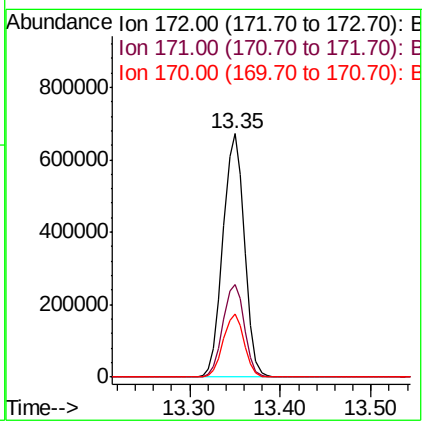


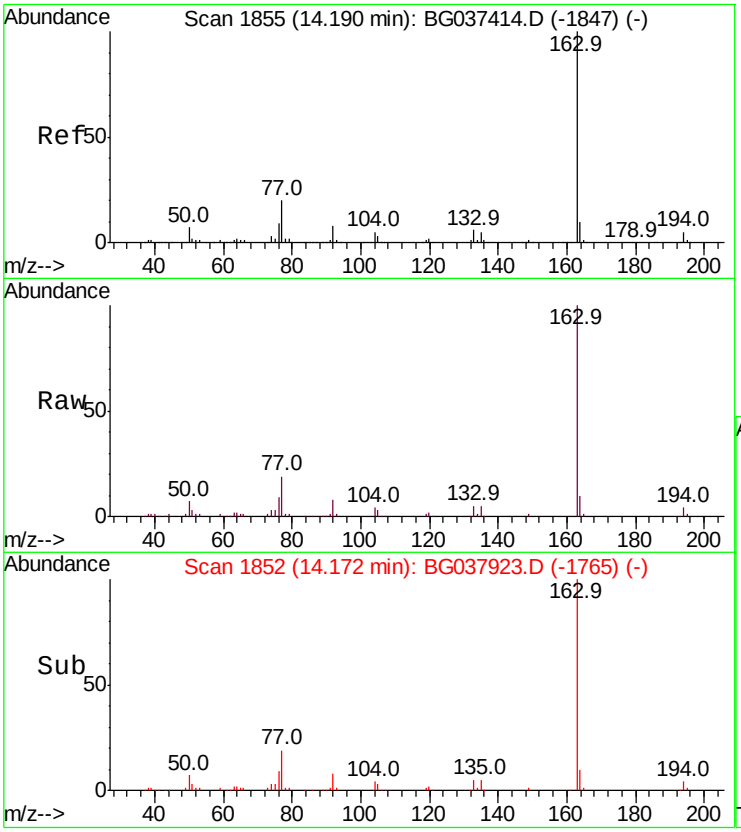


#45
2-Fluorobiphenyl
Concen: 98.487 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Tgt Ion:172 Resp: 1107636

Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	26.0	20.2	30.2



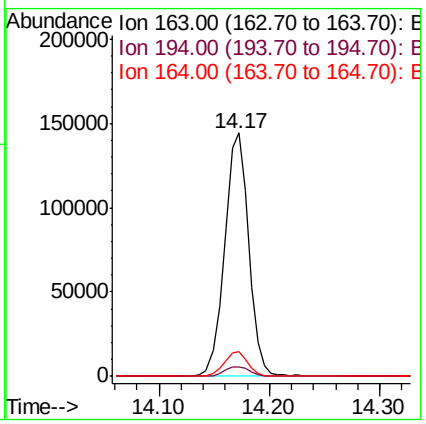


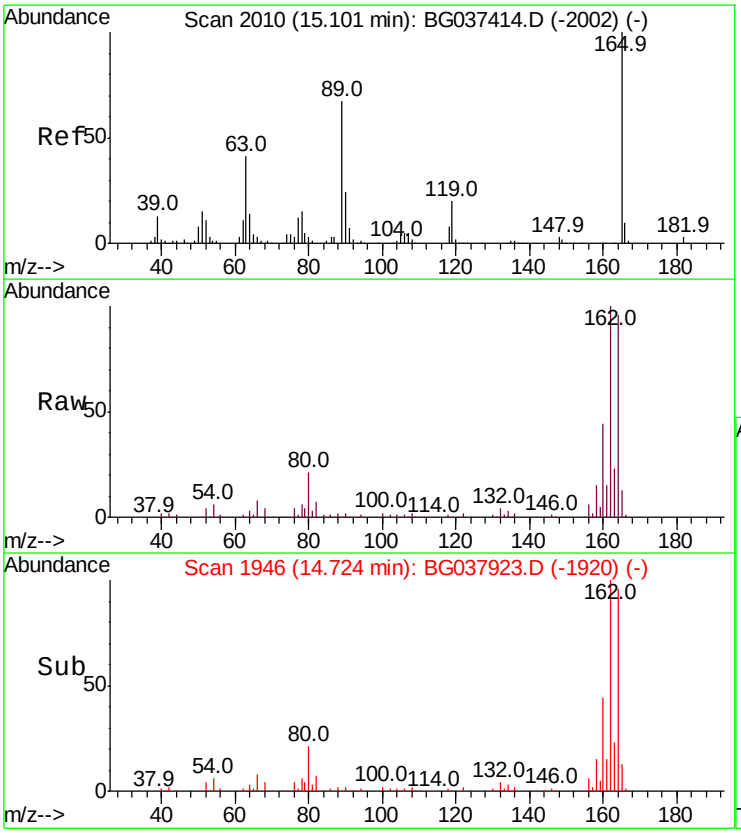
#50
Dimethylphthalate
Concen: 16.764 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(22-24)

Tgt Ion:163 Resp: 219944

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	9.9	8.5	12.7

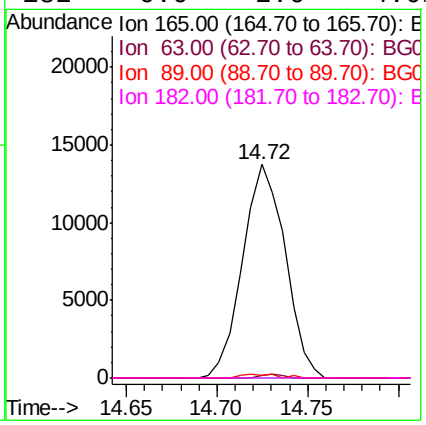


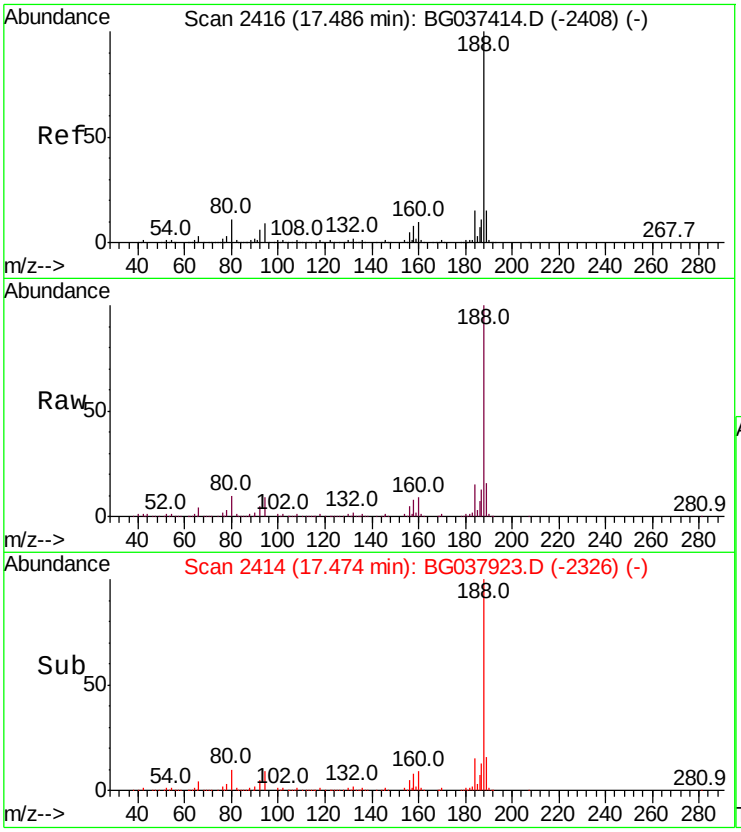


#57
2,4-Dinitrotoluene
Concen: 5.881 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.38 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Tgt Ion:165 Resp: 22406

Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.4	50.0#
89	1.3	57.2	85.8#
182	0.0	2.6	4.0#



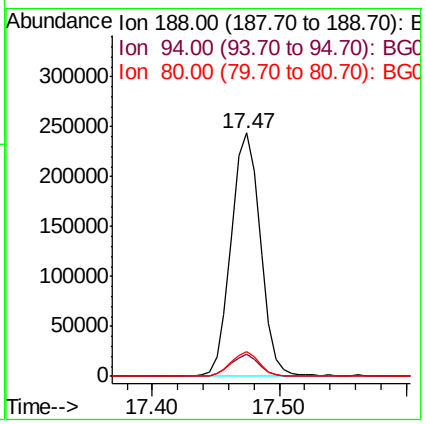


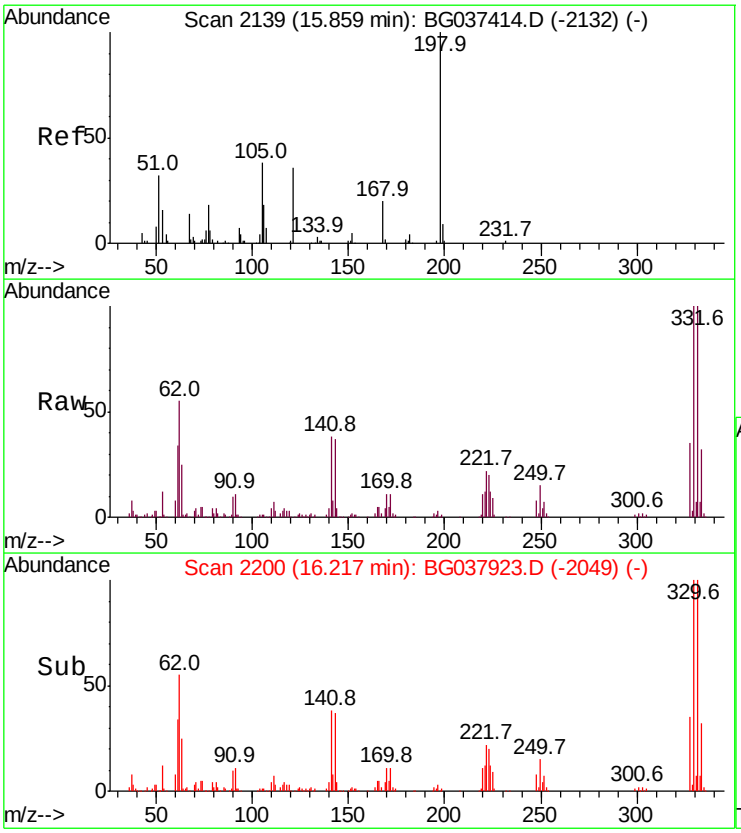
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(22-24)

Tgt Ion:188 Resp: 389119

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.3	7.7	11.5

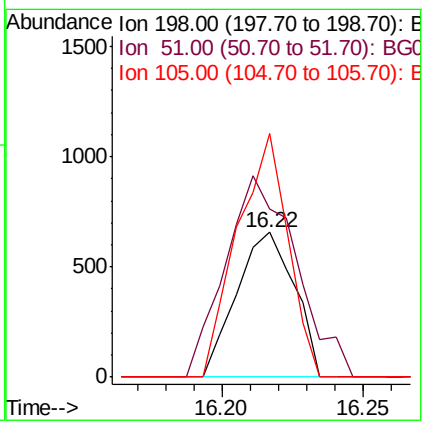


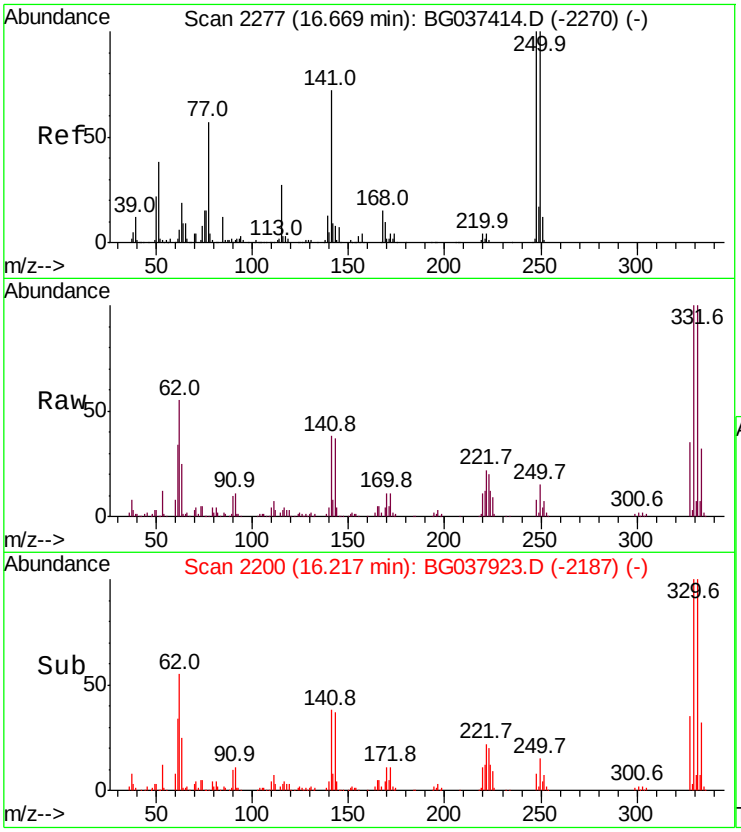


#65
4,6-Dinitro-2-methylphenol
Concen: 8.882 ng
RT: 16.22 min Scan# 2200
Delta R.T. 0.36 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Tgt Ion:198 Resp: 930

Ion	Ratio	Lower	Upper
198	100		
51	22.8	22.7	62.7
105	33.0	19.7	59.7



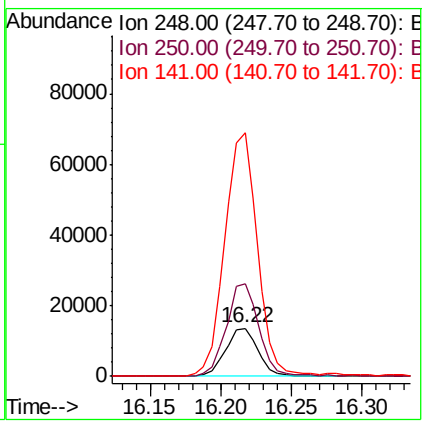


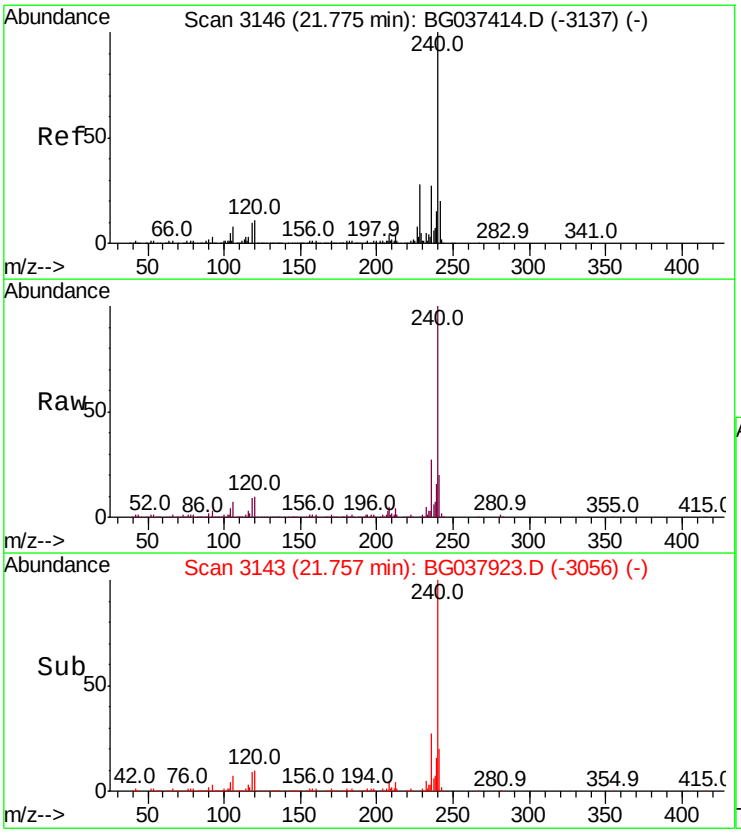
#67
4-Bromophenyl-phenylether
Concen: 5.080 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.45 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(22-24)

Tgt Ion:248 Resp: 21707

Ion	Ratio	Lower	Upper
248	100		
250	197.2	77.0	115.6#
141	394.4	55.5	83.3#

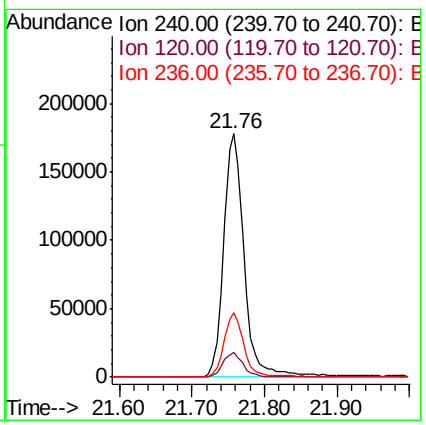


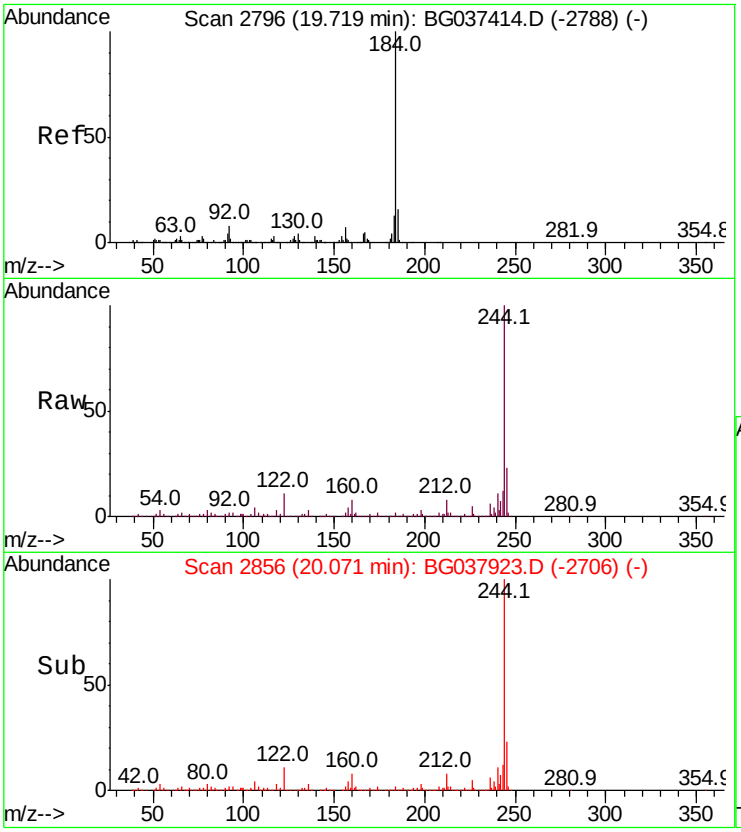


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Tgt Ion:240 Resp: 348015

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.1	12.1
236	26.6	21.4	32.0



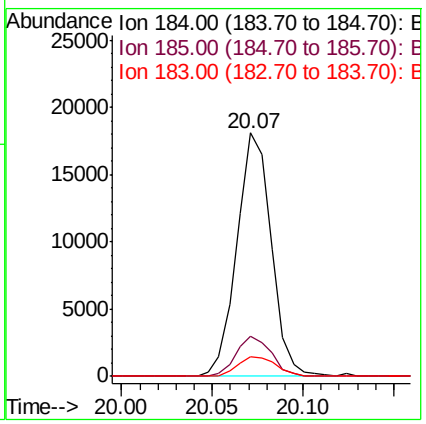


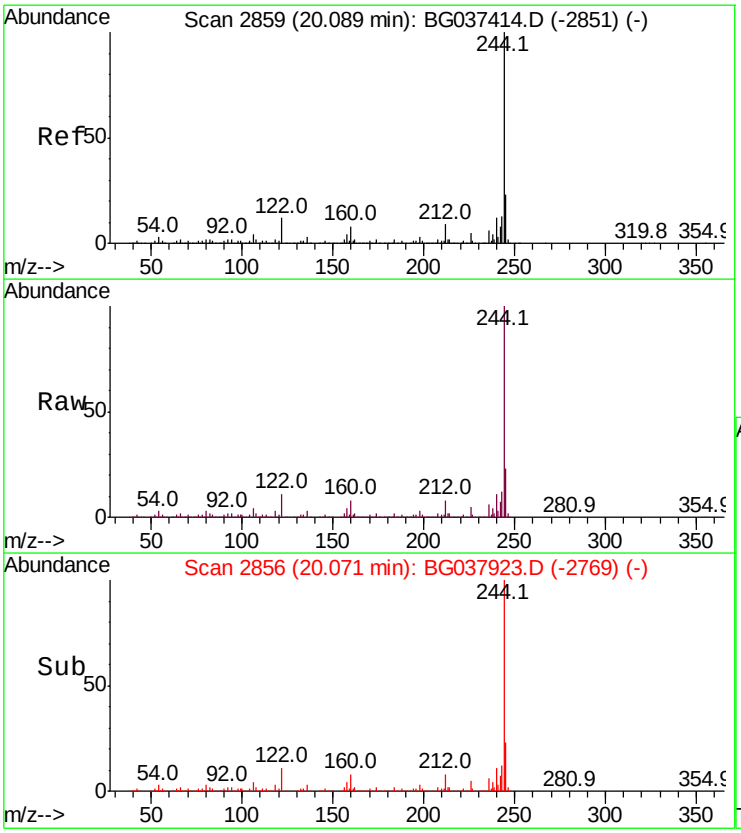
#77
Benzidine
Concen: 2.017 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.35 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(22-24)

Tgt Ion:184 Resp: 23872

Ion	Ratio	Lower	Upper
184	100		
185	16.7	12.6	18.8
183	8.2	10.2	15.2#

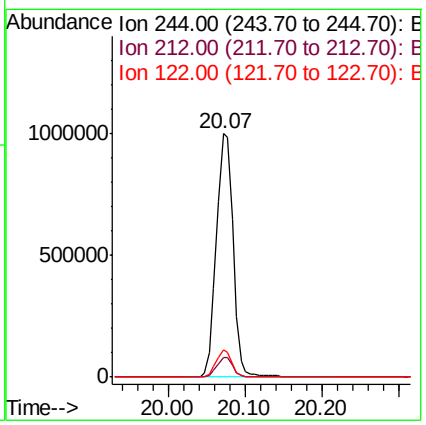


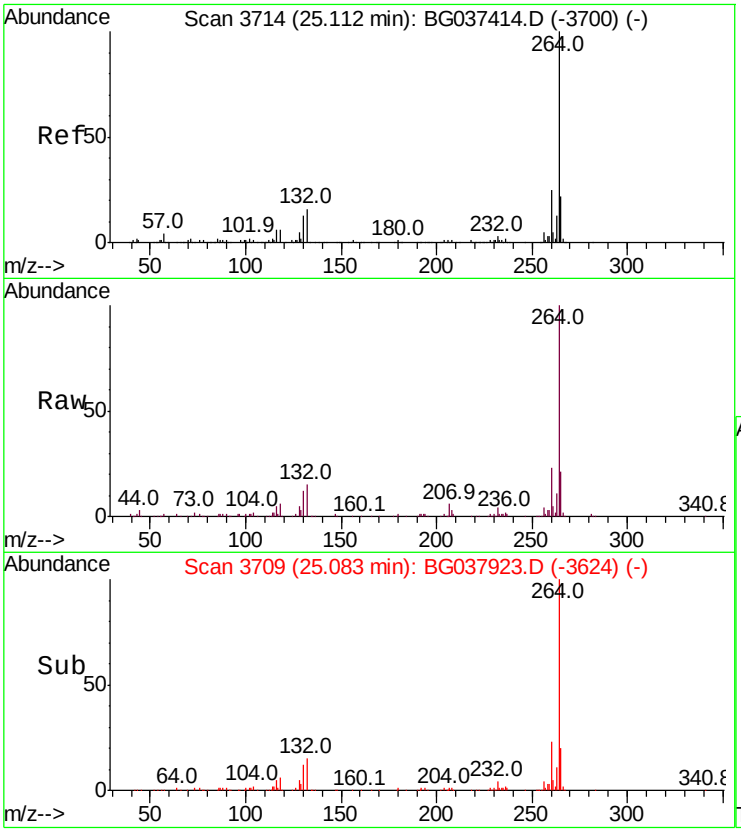


#79
Terphenyl-d14
Concen: 92.318 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Tgt Ion:244 Resp: 1503575

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.4	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.03 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(22-24)

Tgt Ion:264 Resp: 305135

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	20.6	17.9	26.9