Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038200.D
Acq On : 28 Nov 2018 14:18
Operator : JU/SJ
Sample : J6070-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 28 15:34:00 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	33732	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	154414	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	97568	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	220930	20.00	ng		0.00
76) Chrysene-d12	21.75	240	200398	20.00	ng		0.00
87) Perylene-d12	25.08	264	192676	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	84843	43.43	ng		0.00
7) Phenol-d6	7.23	99	75447	27.05	ng		0.00
23) Nitrobenzene-d5	9.26	82	282945	98.09	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	95334	85.68	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	634908	94.80	ng		0.00
79) Terphenyl-d14	20.07	244	933108	109.56	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.26	94	7253	2.455	ng		95
15) Benzyl Alcohol	8.41	79	4155	2.059	ng	#	57
19) n-Nitroso-di-n-propylamine	9.26	70	37275	18.472	ng	#	73
50) Dimethylphthalate	14.16	163	20349	2.631	ng	#	97
51) 2,6-Dinitrotoluene	14.72	165	12975	7.412	ng	#	26
57) 2,4-Dinitrotoluene	14.72	165	12975	5.447	ng	#	26
67) 4-Bromophenyl-phenylether	16.21	248	6428	2.651	ng	#	1
77) Benzidine	20.07	184	16711	2.376	ng	#	94

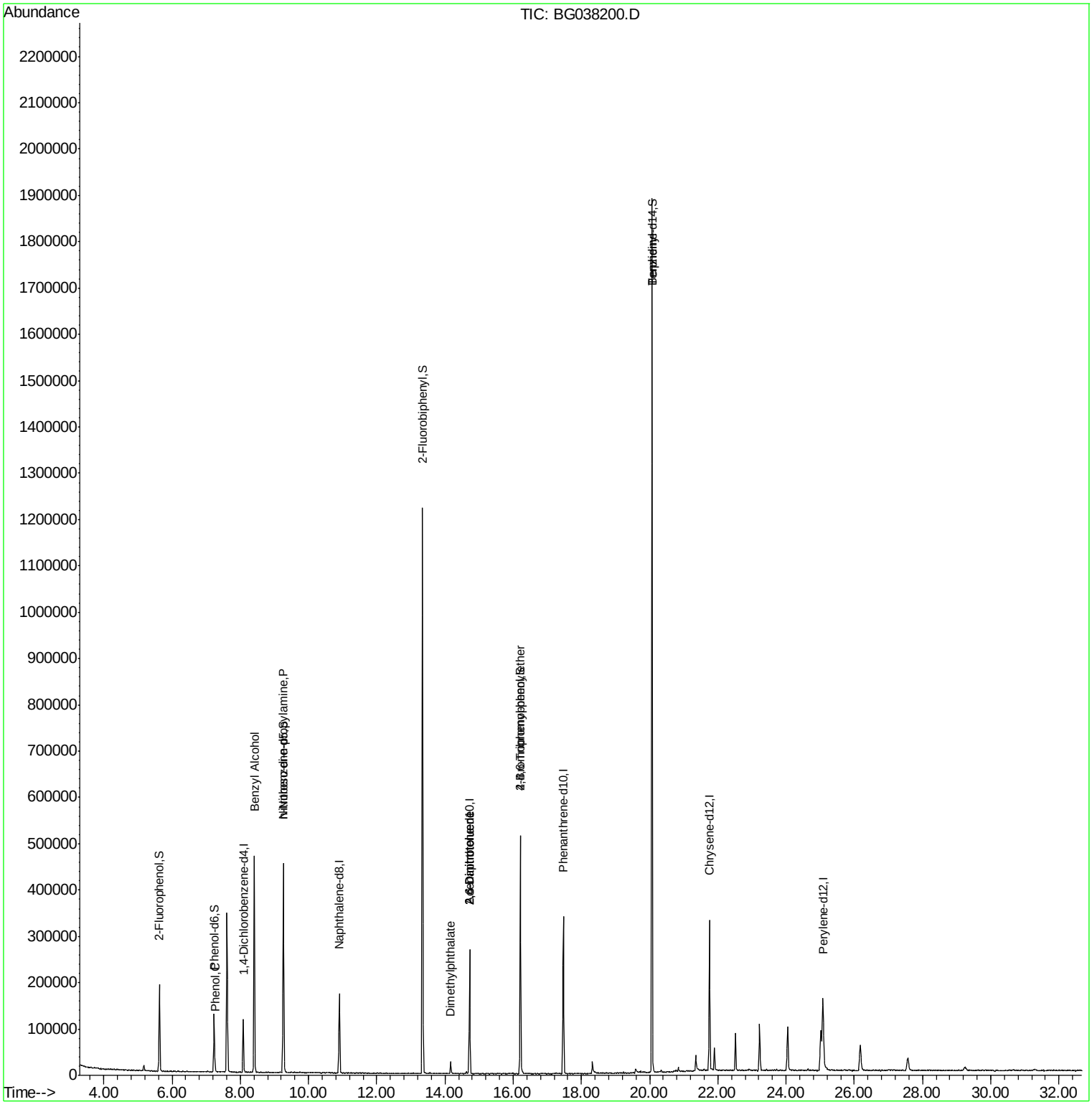
(#) = qualifier out of range (m) = manual integration (+) = signals summed

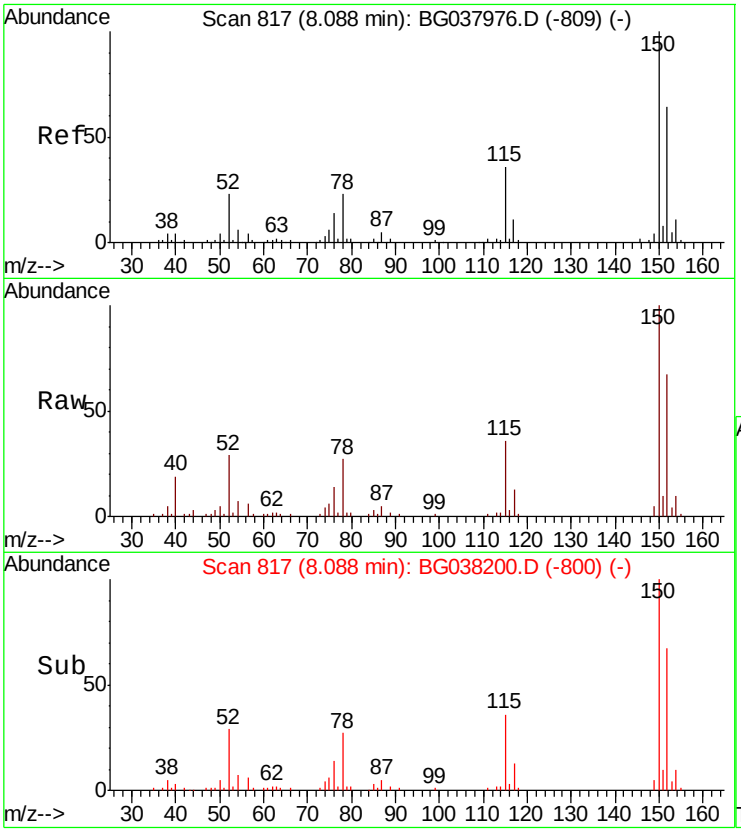
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038200.D
Acq On : 28 Nov 2018 14:18
Operator : JU/SJ
Sample : J6070-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 28 15:34:00 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



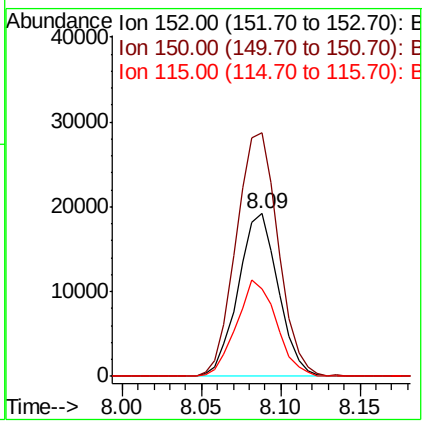


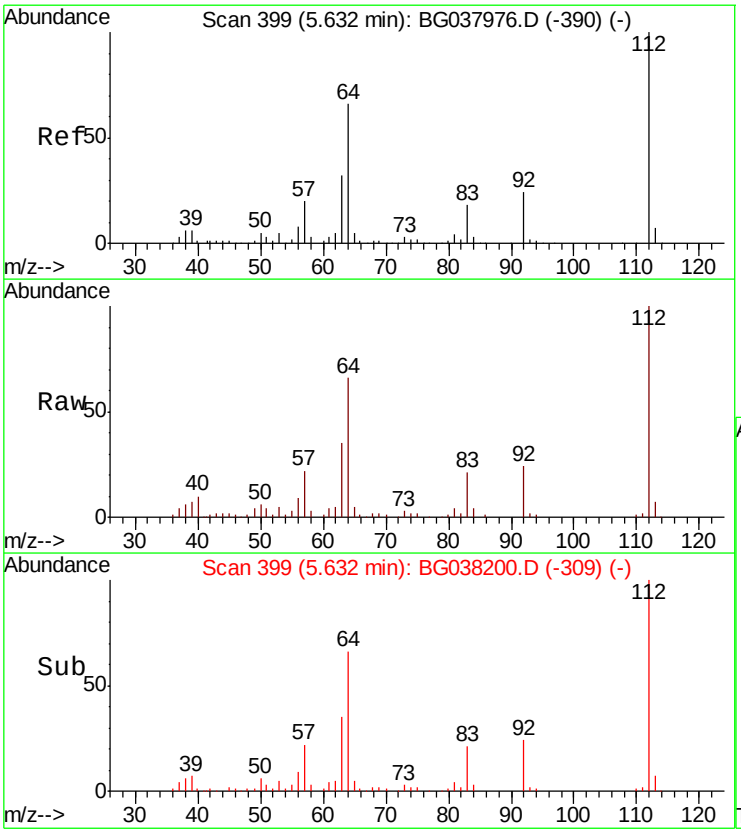
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038200.D
Acq: 28 Nov 2018 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 33732

Ion	Ratio	Lower	Upper
152	100		
150	149.6	126.0	189.0
115	53.5	45.5	68.3

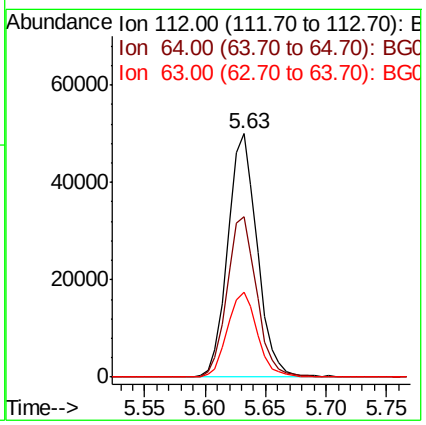


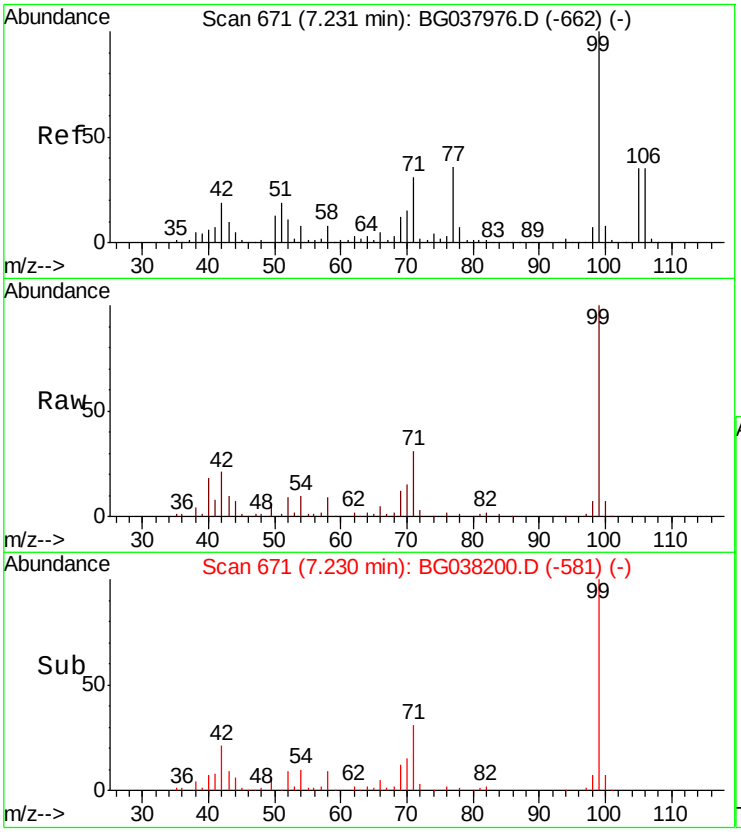


#5
2-Fluorophenol
Concen: 43.427 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038200.D
Acq: 28 Nov 2018 14:18

Tgt Ion:112 Resp: 84843

Ion	Ratio	Lower	Upper
112	100		
64	65.6	53.1	79.7
63	34.8	27.3	40.9



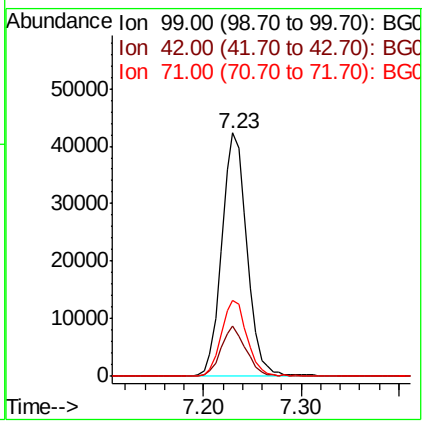


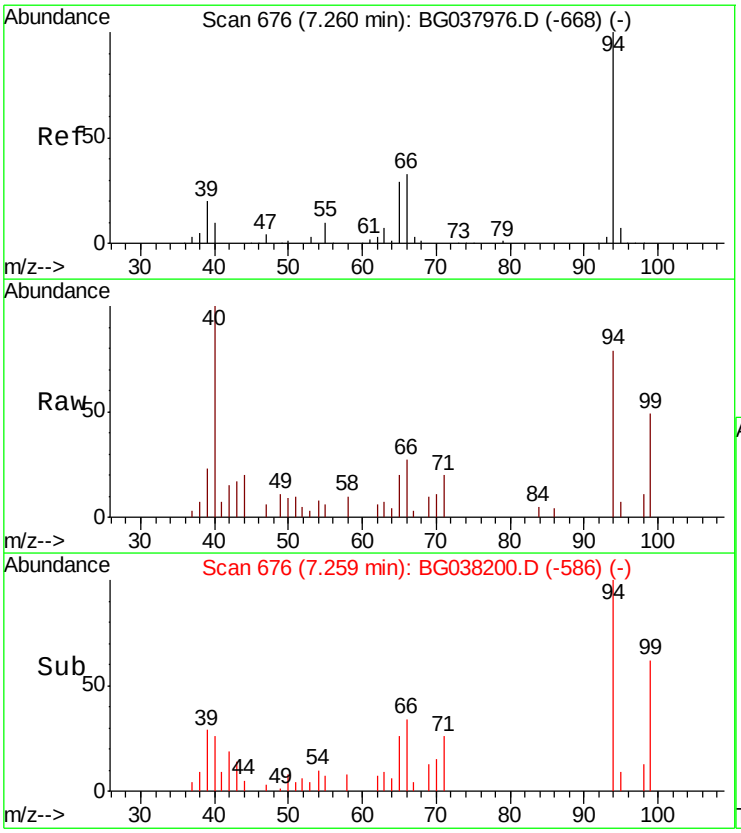
#7
Phenol-d6
Concen: 27.054 ng
RT: 7.23 min Scan# 671
Delta R.T. -0.00 min
Lab File: BG038200.D
Acq: 28 Nov 2018 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 75447

Ion	Ratio	Lower	Upper
99	100		
42	20.9	15.0	22.4
71	31.1	25.5	38.3

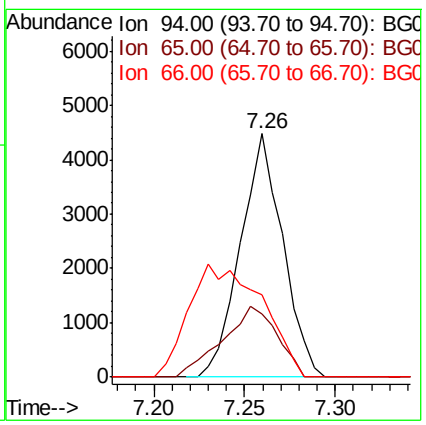


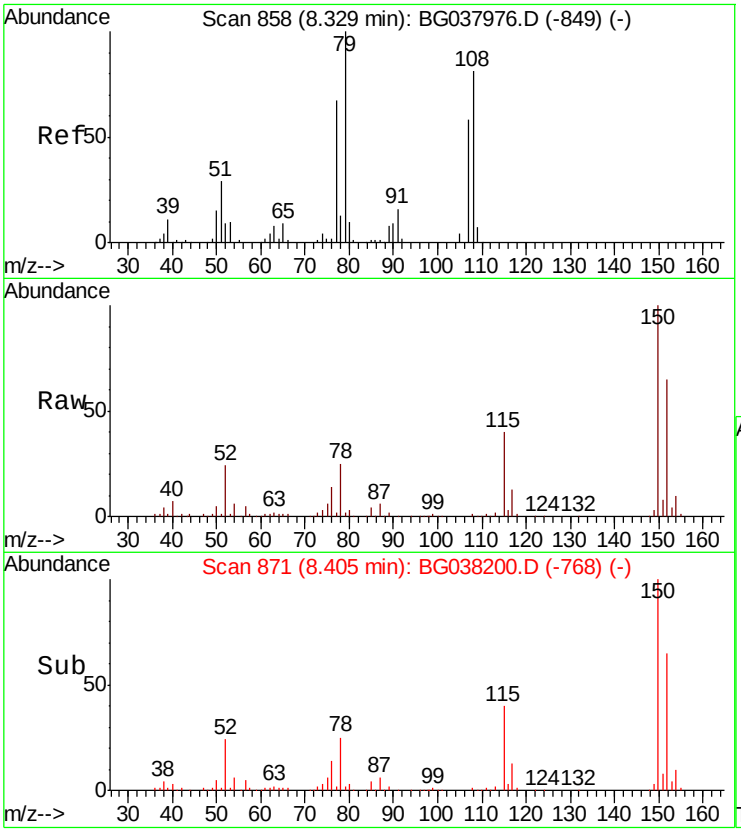


#10
Phenol
Concen: 2.455 ng
RT: 7.26 min Scan# 676
Delta R.T. -0.00 min
Lab File: BG038200.D
Acq: 28 Nov 2018 14:18

Tgt Ion: 94 Resp: 7253

Ion	Ratio	Lower	Upper
94	100		
65	25.8	9.7	49.7
66	33.6	15.9	55.9



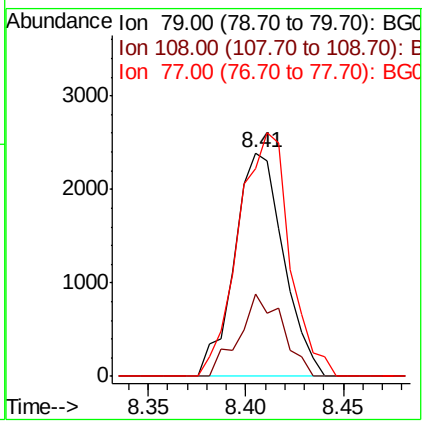


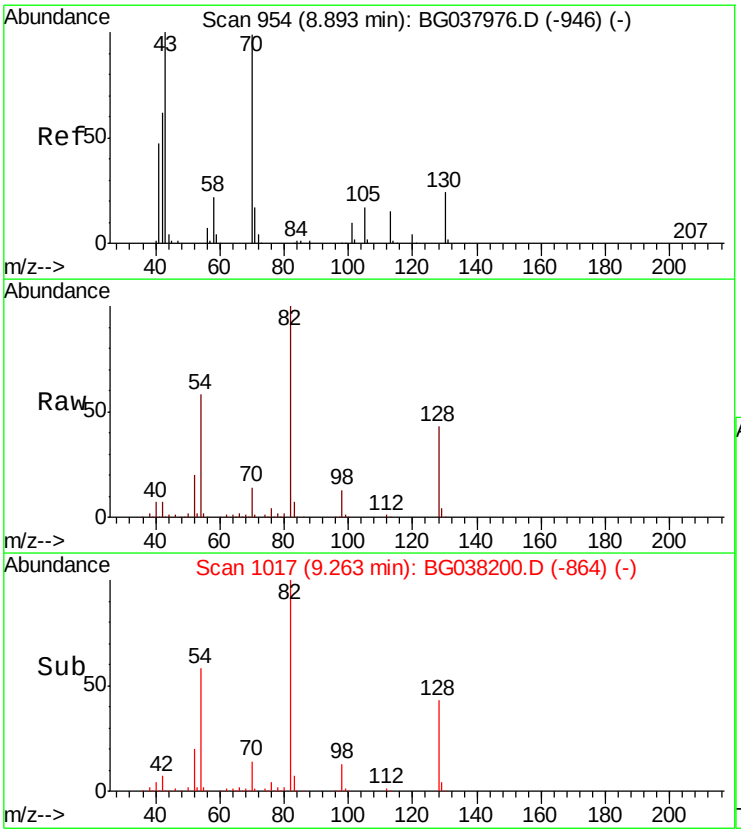
#15
Benzyl Alcohol
Concen: 2.059 ng
RT: 8.41 min Scan# 871
Delta R.T. 0.08 min
Lab File: BG038200.D
Acq: 28 Nov 2018 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 4155

Ion	Ratio	Lower	Upper
79	100		
108	37.0	65.8	98.8#
77	92.9	52.9	79.3#

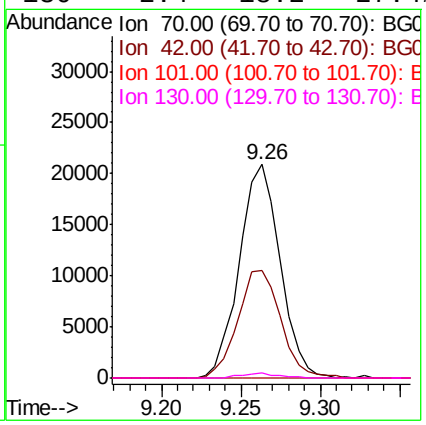


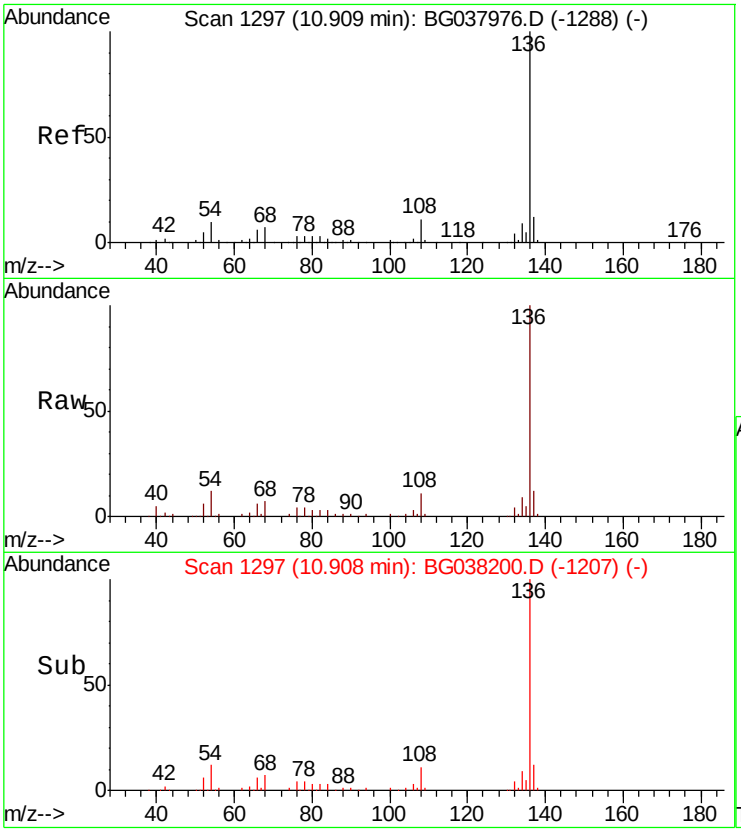


#19
n-Nitroso-di-n-propylamine
Concen: 18.472 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038200.D
Acq: 28 Nov 2018 14:18

Tgt Ion: 70 Resp: 37275

Ion	Ratio	Lower	Upper
70	100		
42	50.3	53.9	80.9#
101	0.0	8.2	12.2#
130	2.4	18.2	27.4#



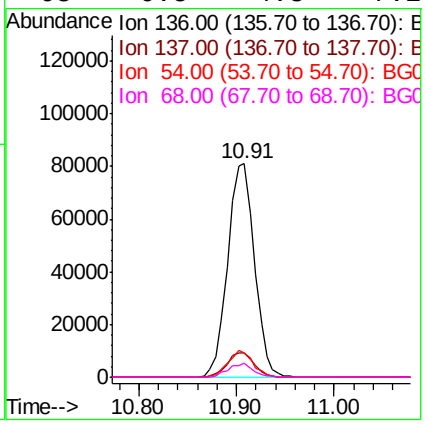


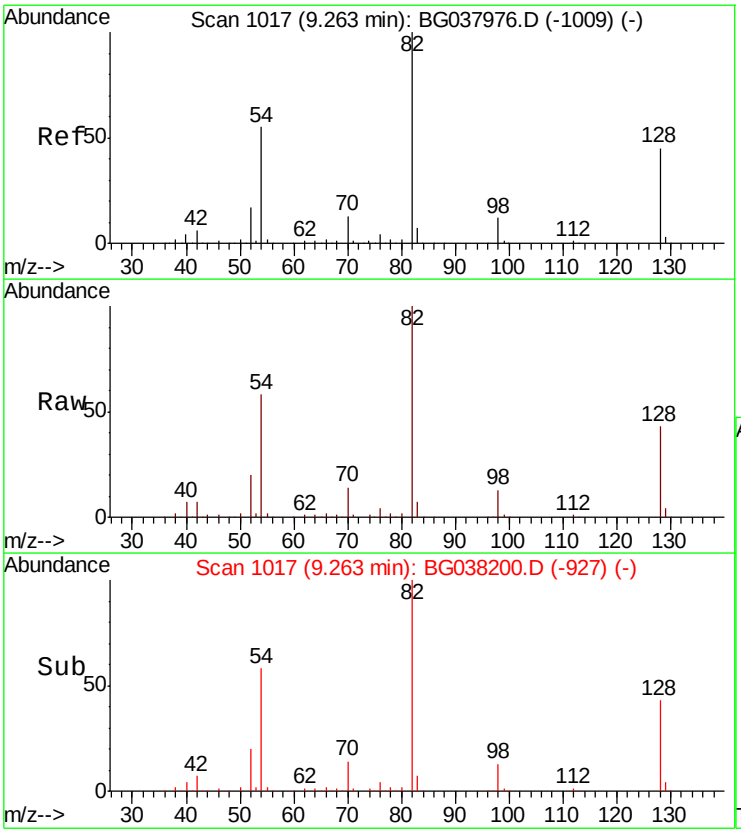
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG038200.D
Acq: 28 Nov 2018 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 154414

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	11.6	7.9	11.9
68	6.5	4.8	7.2

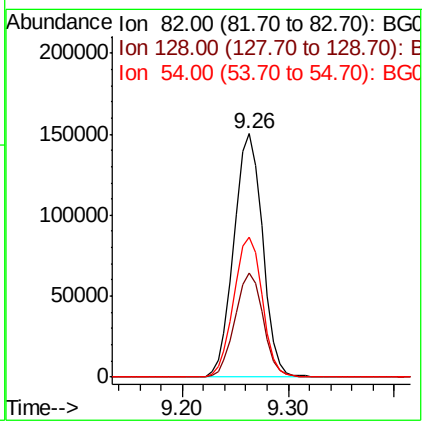


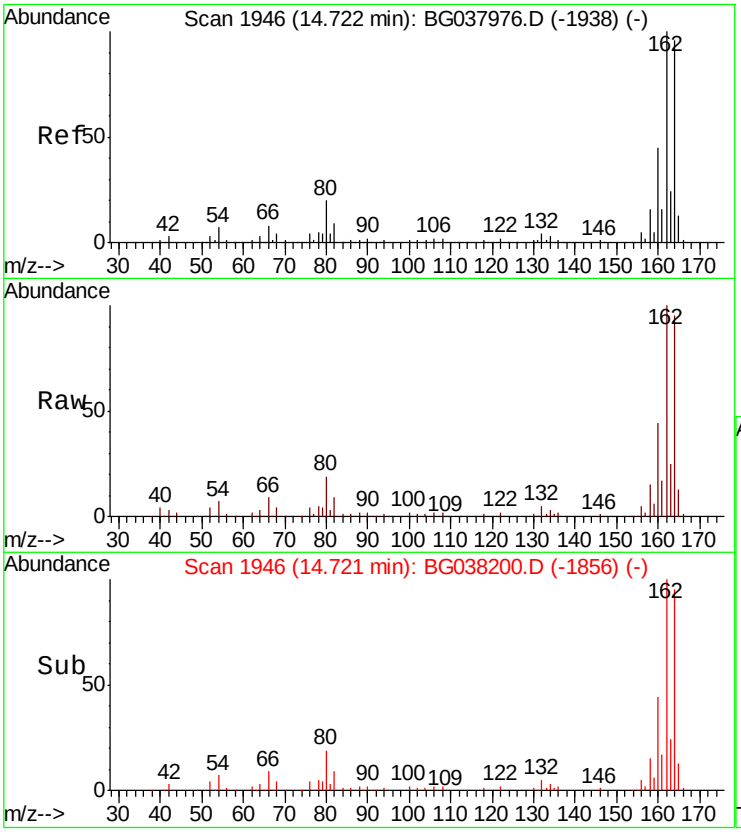


#23
Nitrobenzene-d5
Concen: 98.088 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038200.D
Acq: 28 Nov 2018 14:18

Tgt Ion: 82 Resp: 282945

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	51.8
54	57.7	45.3	67.9



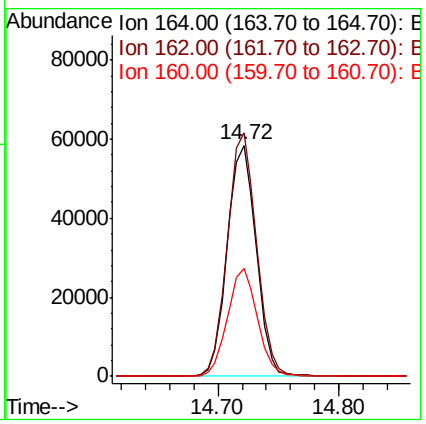


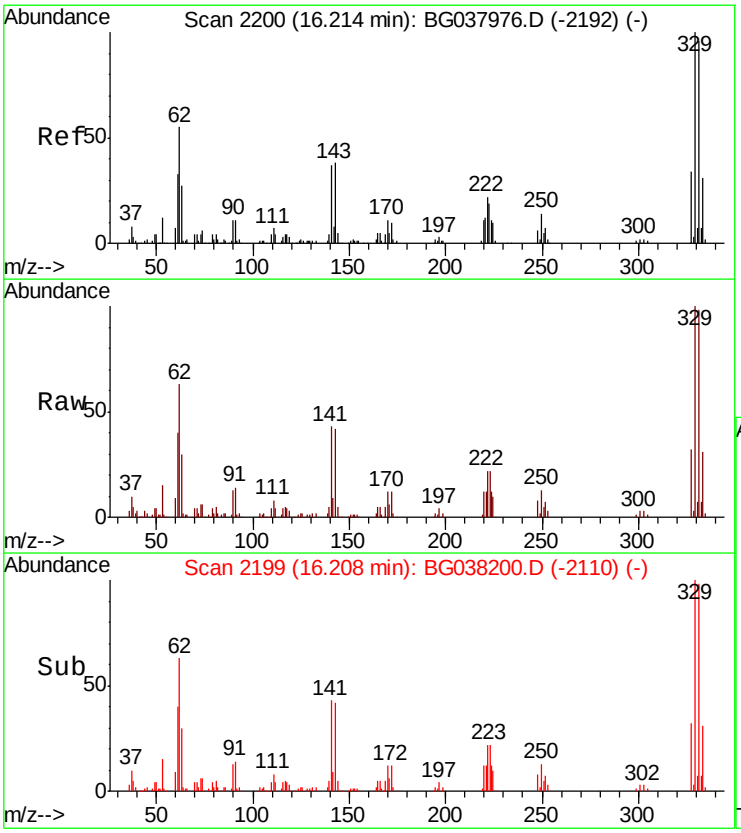
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038200.D
Acq: 28 Nov 2018 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 97568

Ion	Ratio	Lower	Upper
164	100		
162	105.2	81.3	121.9
160	46.7	36.3	54.5

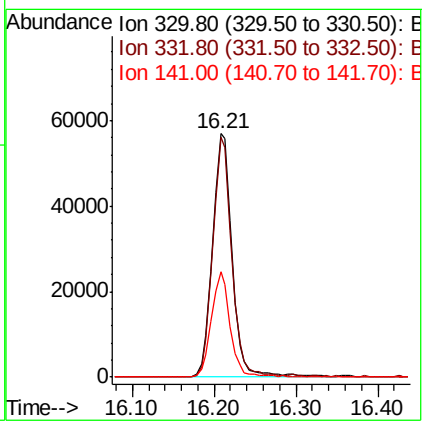


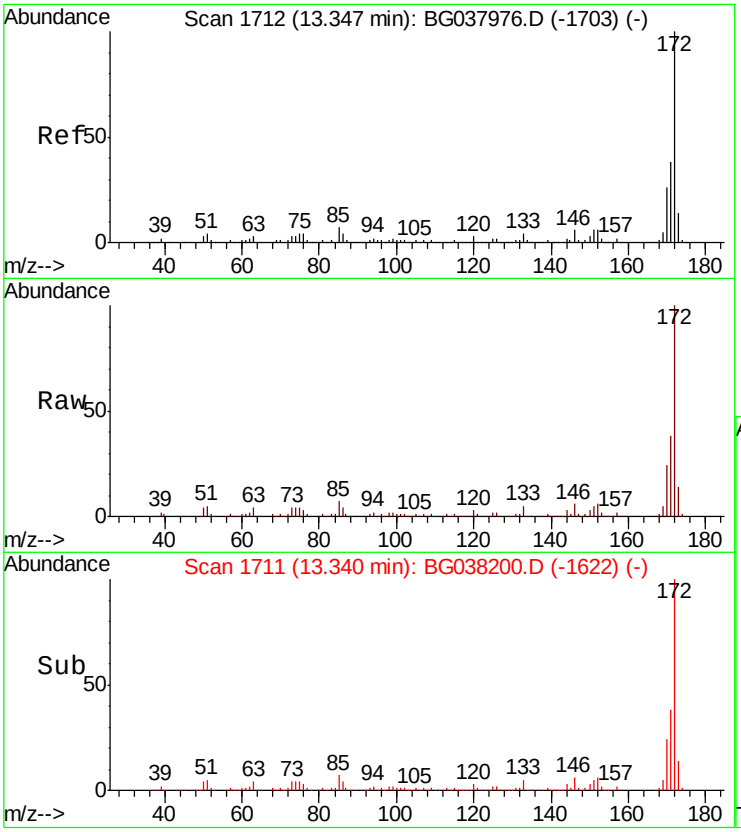


#42
2,4,6-Tribromophenol
Concen: 85.675 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038200.D
Acq: 28 Nov 2018 14:18

Tgt Ion:330 Resp: 95334

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.4	117.6
141	41.2	32.2	48.2



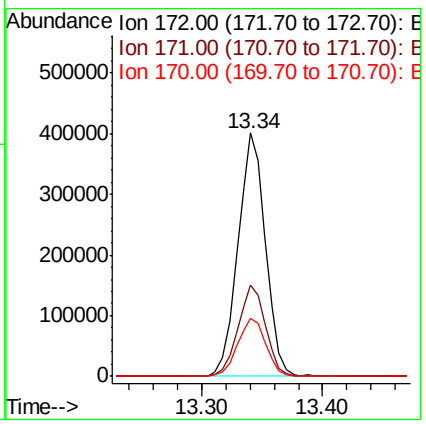


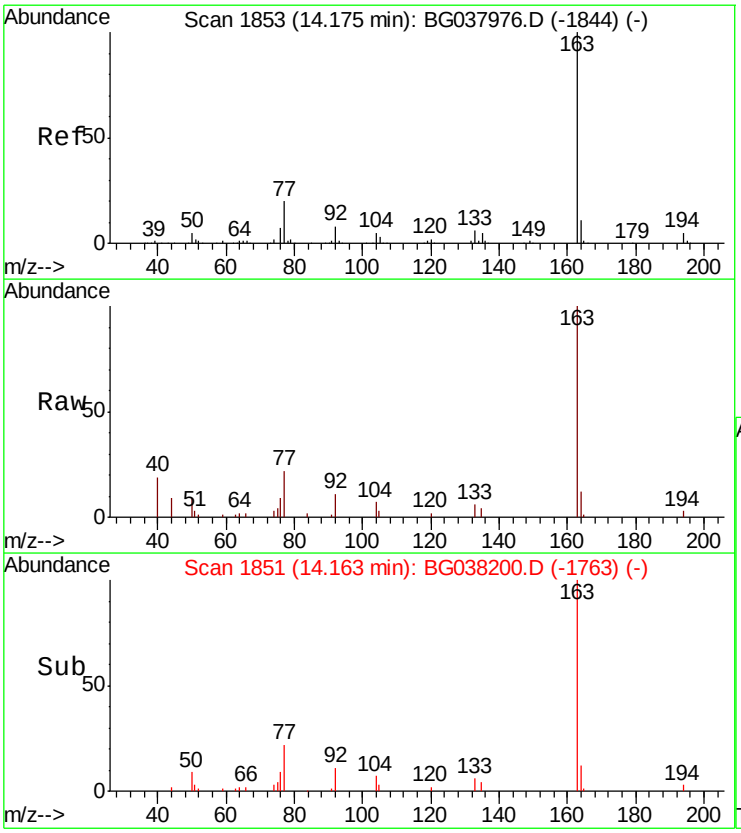
#45
2-Fluorobiphenyl
Concen: 94.802 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038200.D
Acq: 28 Nov 2018 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 634908

Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	24.0	20.2	30.2

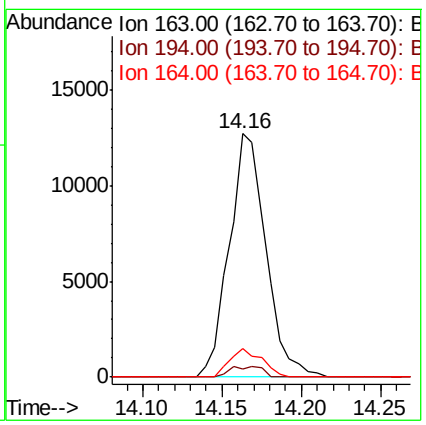


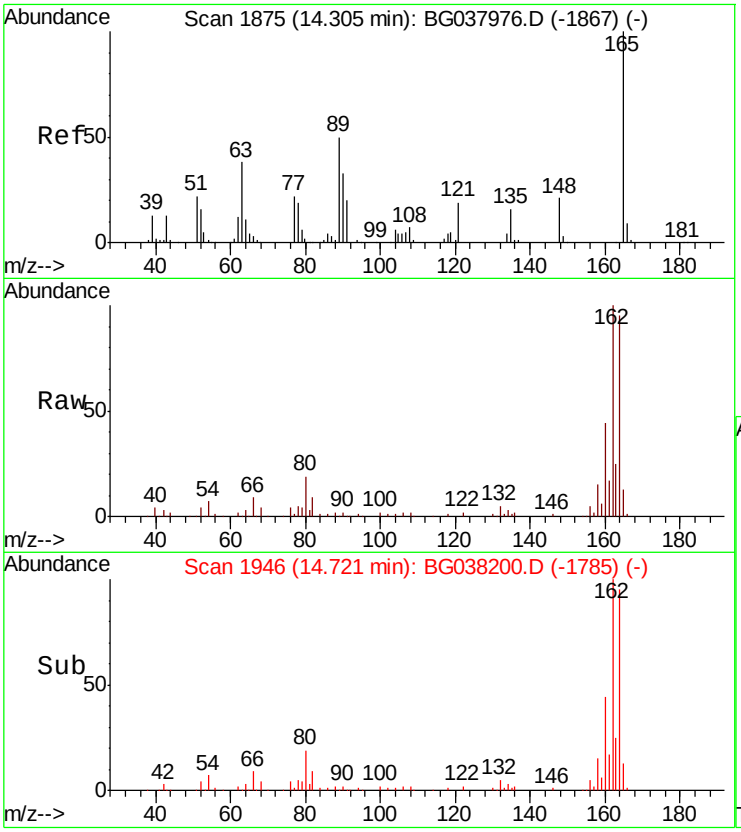


#50
Dimethylphthalate
Concen: 2.631 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG038200.D
Acq: 28 Nov 2018 14:18

Tgt Ion:163 Resp: 20349

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.5	5.3#
164	11.9	8.5	12.7



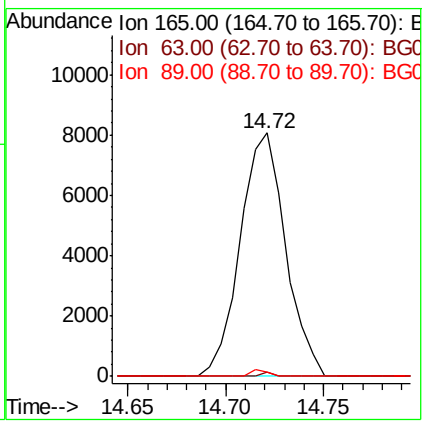


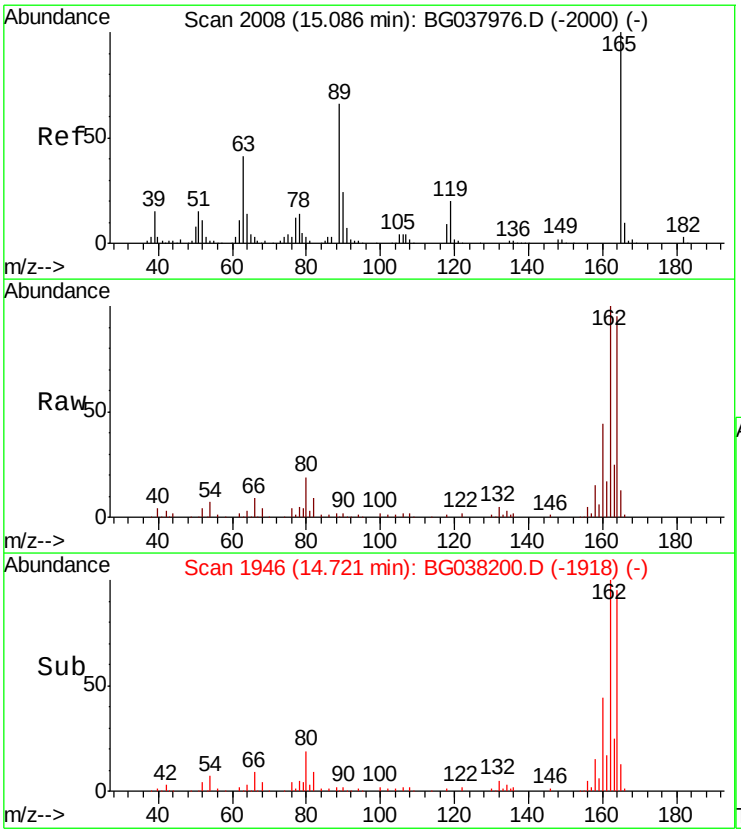
#51
2,6-Dinitrotoluene
Concen: 7.412 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.42 min
Lab File: BG038200.D
Acq: 28 Nov 2018 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 12975

Ion	Ratio	Lower	Upper
165	100		
63	2.0	43.4	65.2#
89	1.9	45.8	68.6#

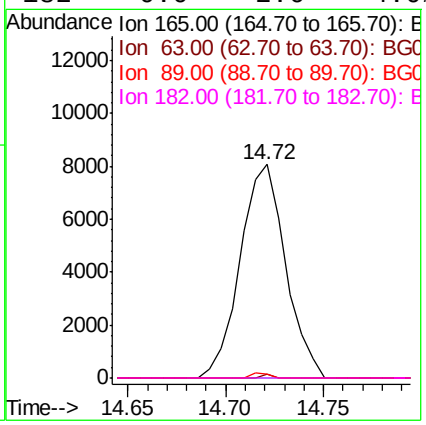


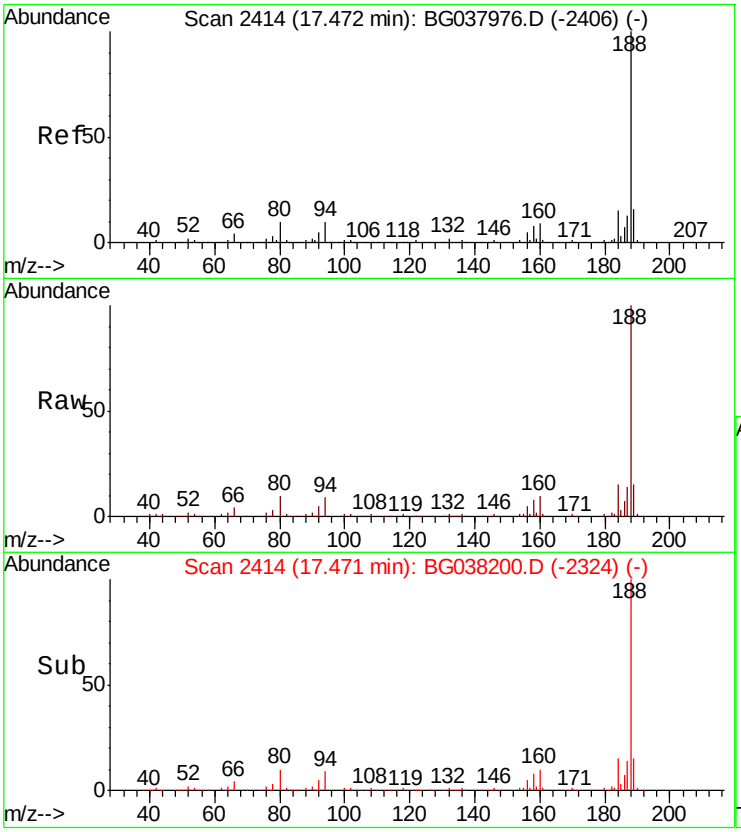


#57
2,4-Dinitrotoluene
Concen: 5.447 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.36 min
Lab File: BG038200.D
Acq: 28 Nov 2018 14:18

Tgt Ion:165 Resp: 12975

Ion	Ratio	Lower	Upper
165	100		
63	2.0	33.4	50.0#
89	1.9	57.2	85.8#
182	0.0	2.6	4.0#



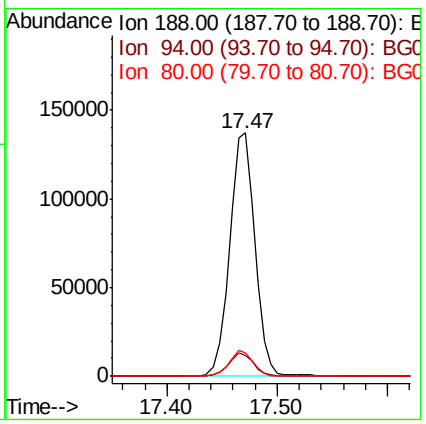


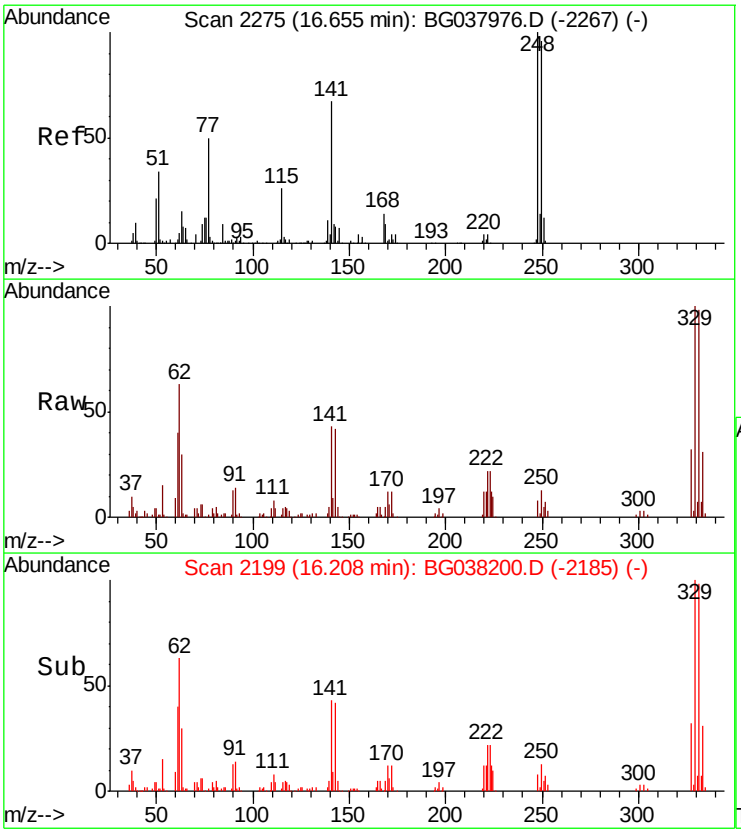
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG038200.D
Acq: 28 Nov 2018 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 220930

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.8	7.7	11.5

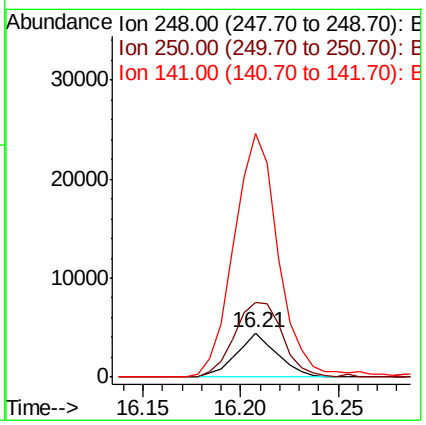


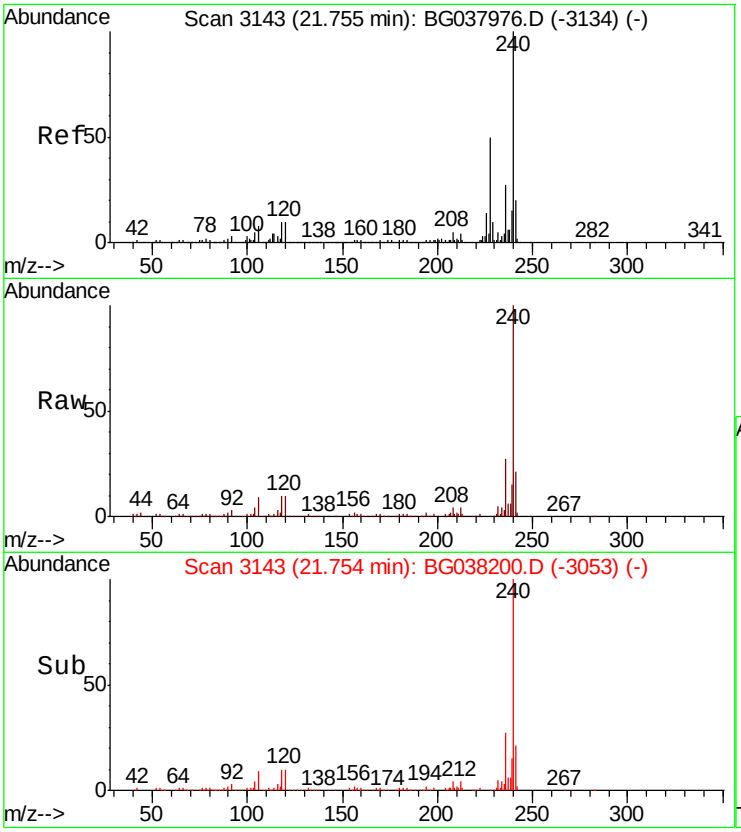


#67
4-Bromophenyl-phenylether
Concen: 2.651 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038200.D
Acq: 28 Nov 2018 14:18

Tgt Ion:248 Resp: 6428

Ion	Ratio	Lower	Upper
248	100		
250	231.2	77.0	115.6#
141	550.0	55.5	83.3#



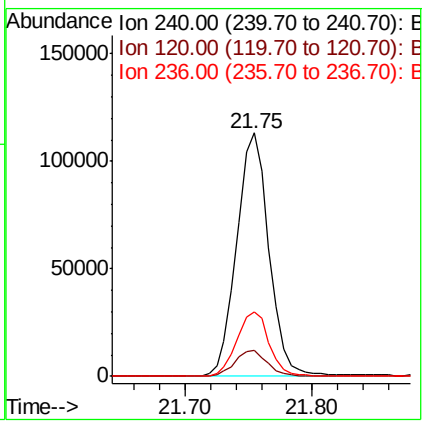


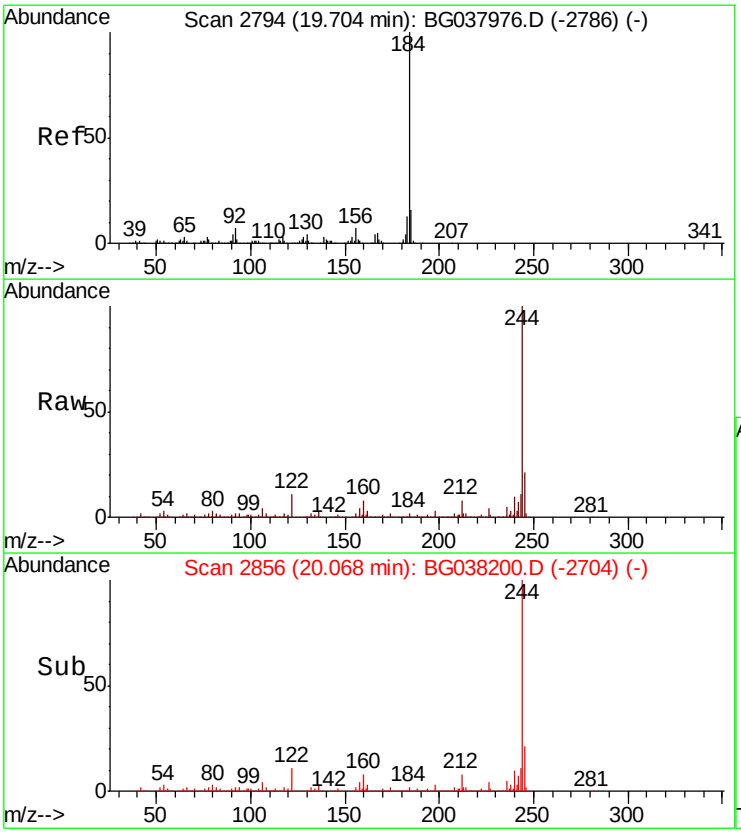
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG038200.D
Acq: 28 Nov 2018 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 200398

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.1	12.1
236	26.7	21.4	32.0

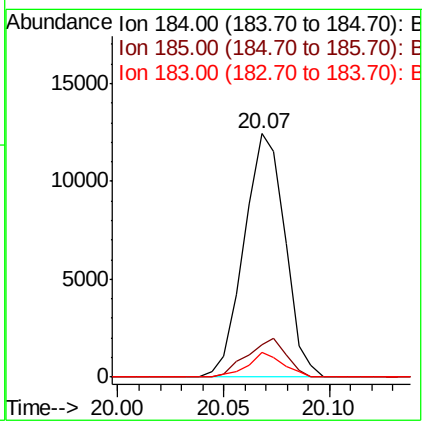


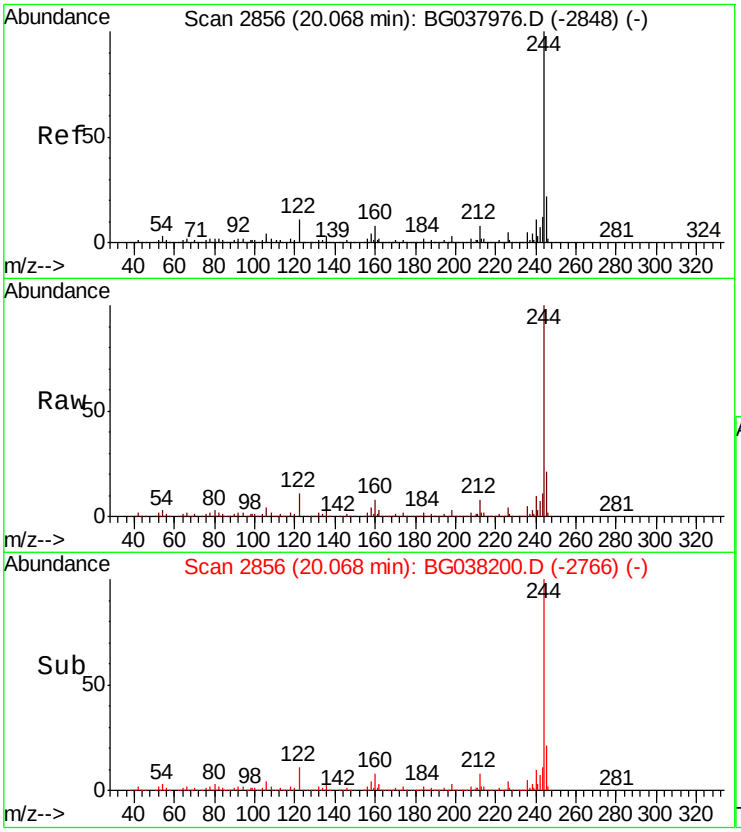


#77
Benzidine
Concen: 2.376 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.36 min
Lab File: BG038200.D
Acq: 28 Nov 2018 14:18

Tgt Ion:184 Resp: 16711

Ion	Ratio	Lower	Upper
184	100		
185	13.2	12.6	18.8
183	9.9	10.2	15.2#



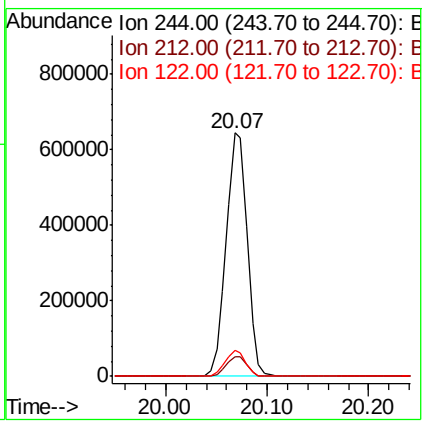


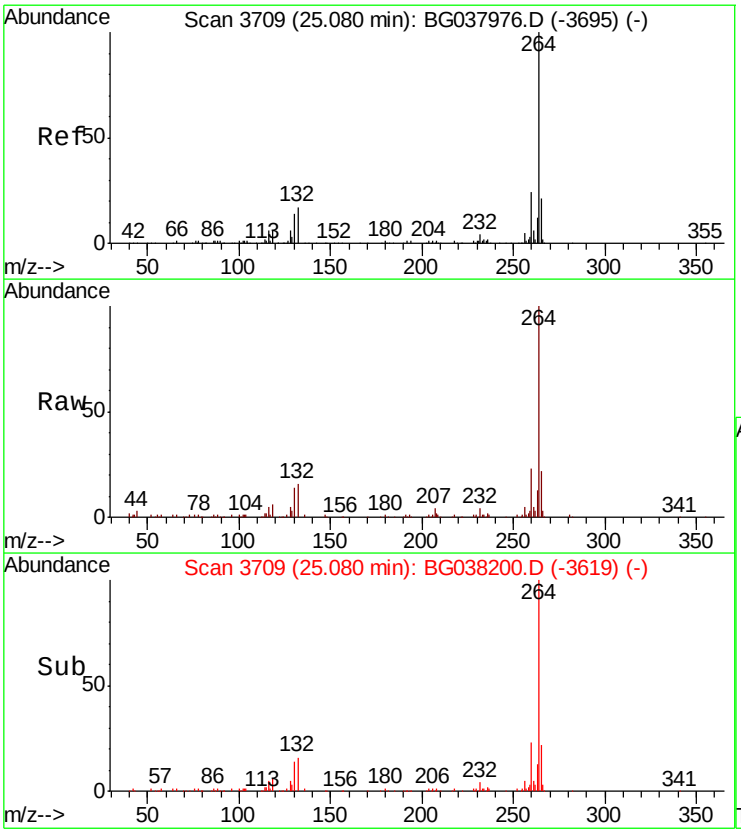
#79
Terphenyl-d14
Concen: 109.563 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG038200.D
Acq: 28 Nov 2018 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 933108

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.8	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: BG038200.D
Acq: 28 Nov 2018 14:18

Tgt Ion:264 Resp: 192676

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	21.6	17.9	26.9