Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121018\
Data File : BG038445.D
Acq On : 10 Dec 2018 18:59
Operator : JU/SJ
Sample : J6302-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : K-120718-RO

Quant Time: Dec 11 03:51:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	29367	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	119894	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	80401	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	208437	20.00	ng	0.00
76) Chrysene-d12	21.73	240	203581	20.00	ng	-0.01
87) Perylene-d12	25.04	264	205907	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	210488	126.84	ng	0.00
7) Phenol-d6	7.22	99	271677	113.27	ng	0.00
23) Nitrobenzene-d5	9.25	82	201653	83.50	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	149647	151.61	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	494113	87.57	ng	0.00
79) Terphenyl-d14	20.06	244	937172	98.62	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.25	70	27178	14.142	ng	# 76
51) 2,6-Dinitrotoluene	14.70	165	10828	7.350	ng	# 26
57) 2,4-Dinitrotoluene	14.70	165	10828	5.329	ng	# 25
67) 4-Bromophenyl-phenylether	16.20	248	9705	4.312	ng	# 1
77) Benzidine	19.69	184	27424	3.992	ng	97

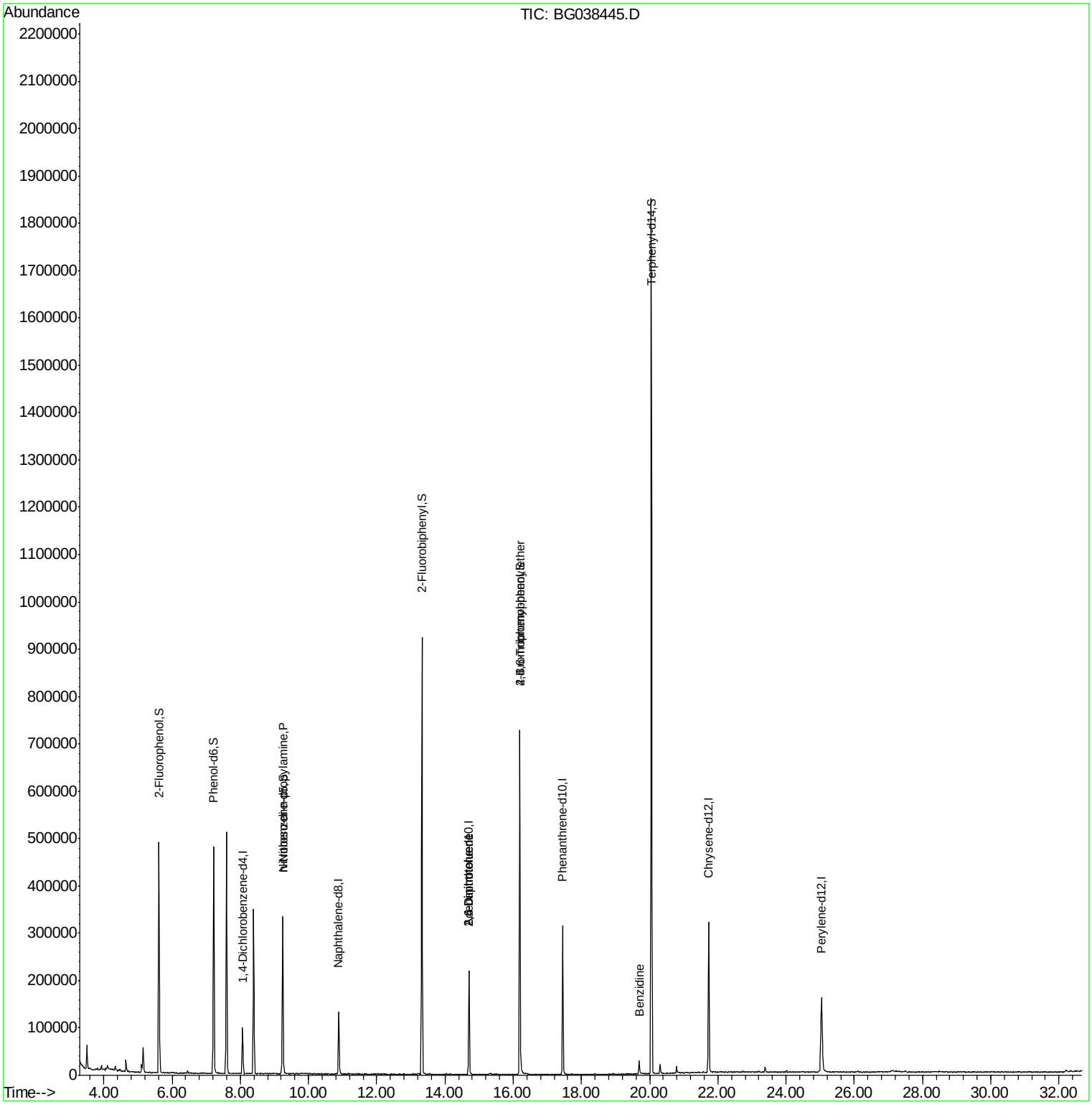
(#) = qualifier out of range (m) = manual integration (+) = signals summed

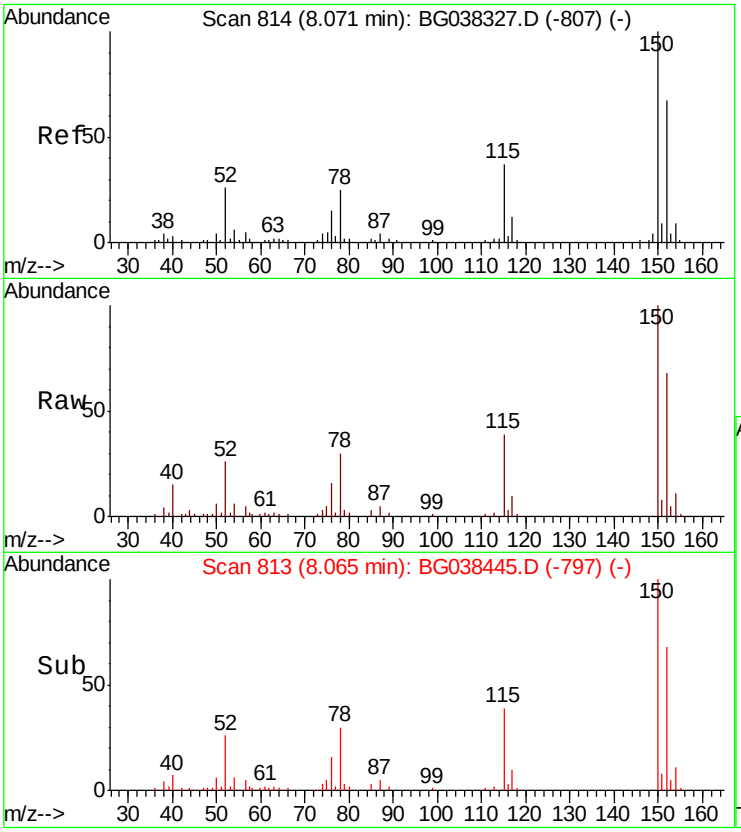
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121018\
Data File : BG038445.D
Acq On : 10 Dec 2018 18:59
Operator : JU/SJ
Sample : J6302-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
K-120718-RO

Quant Time: Dec 11 03:51:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration



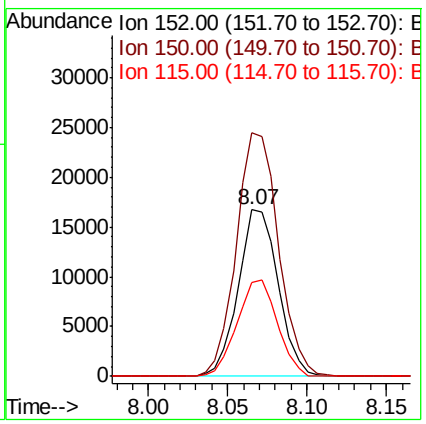


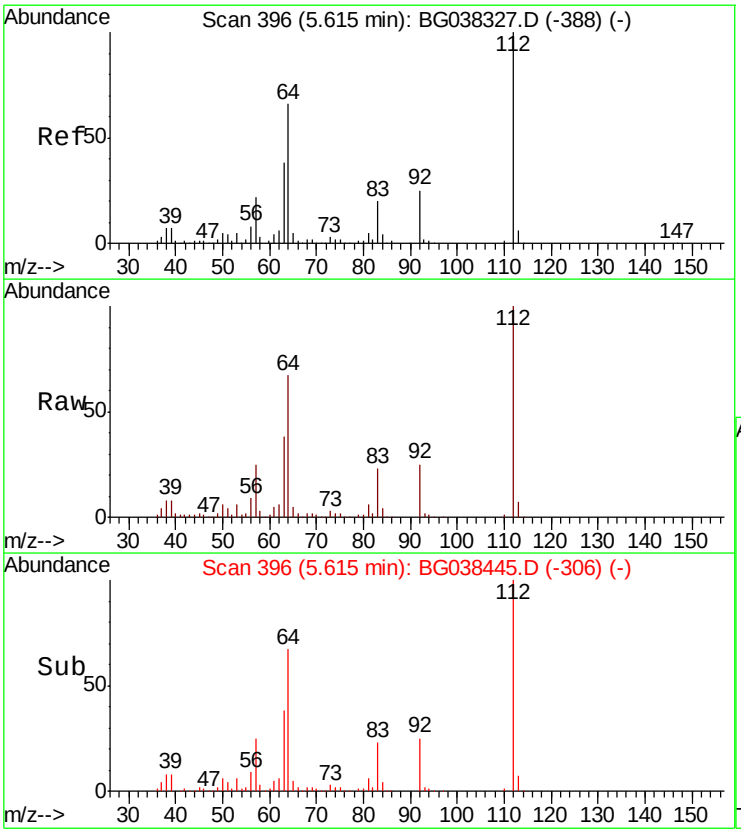
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Instrument :
BNA_G
ClientSampleId :
K-120718-RO

Tgt Ion:152 Resp: 29367

Ion	Ratio	Lower	Upper
152	100		
150	146.1	126.0	189.0
115	56.5	45.5	68.3

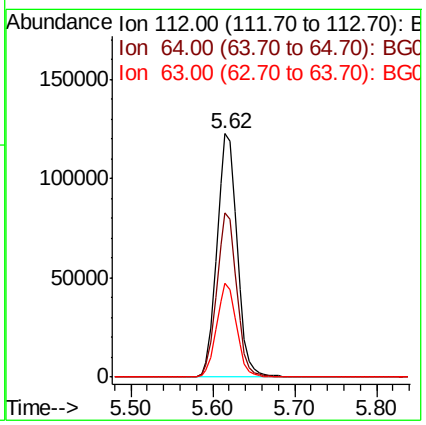


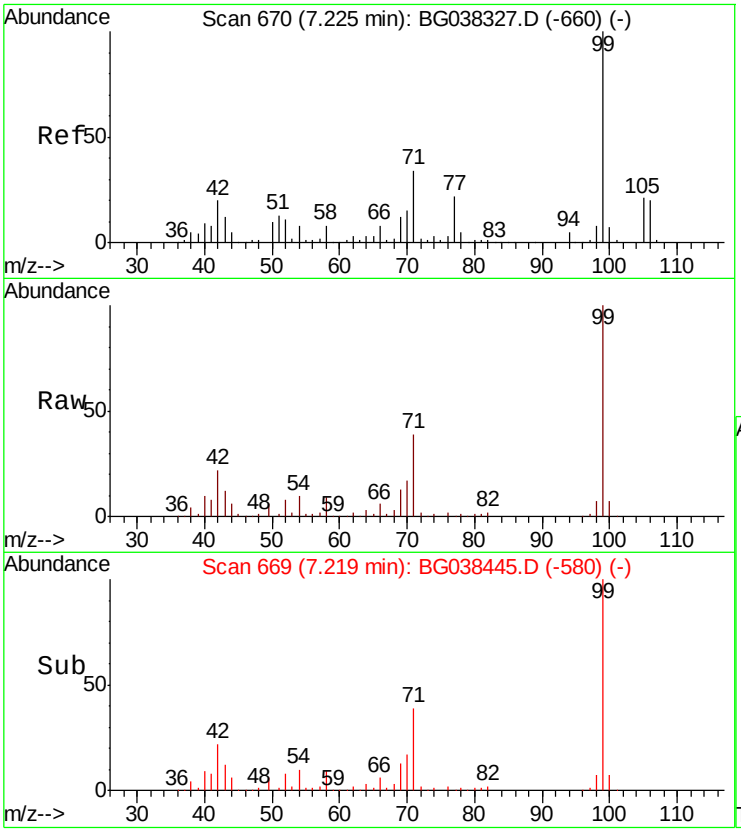


#5
2-Fluorophenol
Concen: 126.839 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Tgt Ion:112 Resp: 210488

Ion	Ratio	Lower	Upper
112	100		
64	67.5	53.1	79.7
63	38.5	27.3	40.9



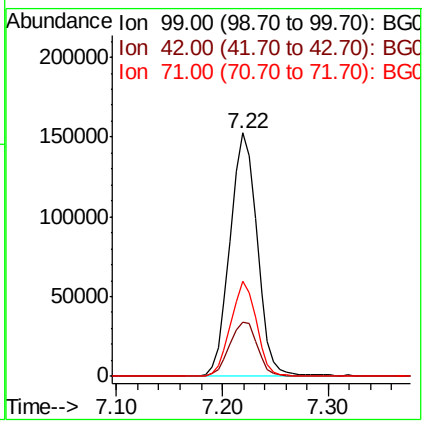


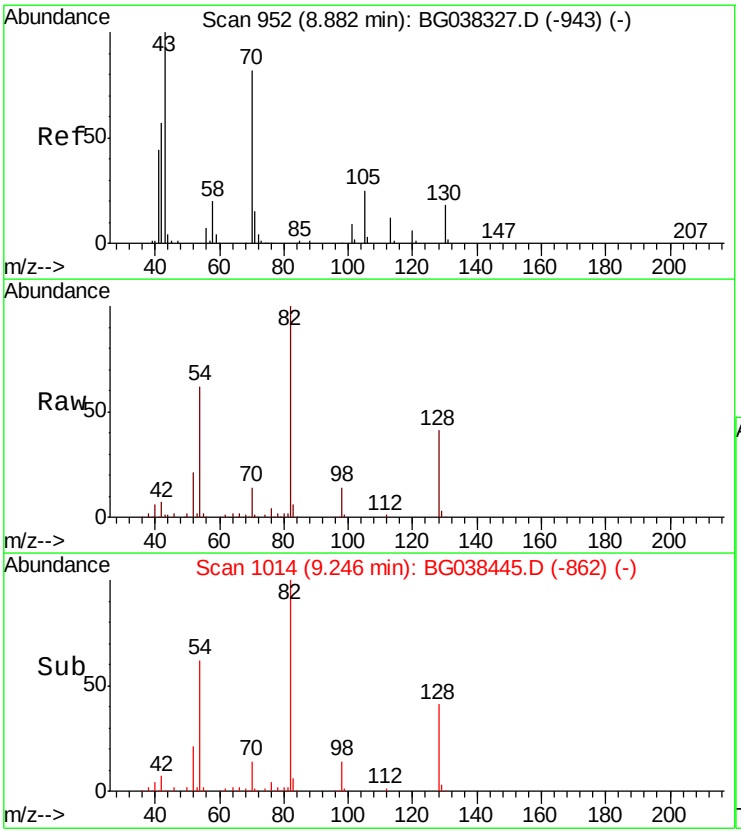
#7
Phenol-d6
Concen: 113.269 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.01 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Instrument :
BNA_G
ClientSampleId :
K-120718-RO

Tgt Ion: 99 Resp: 271677

Ion	Ratio	Lower	Upper
99	100		
42	22.3	15.0	22.4
71	39.2	25.5	38.3#

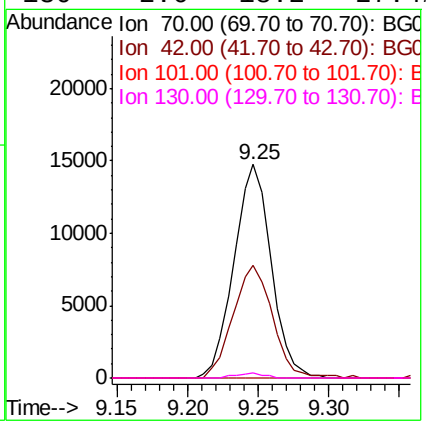


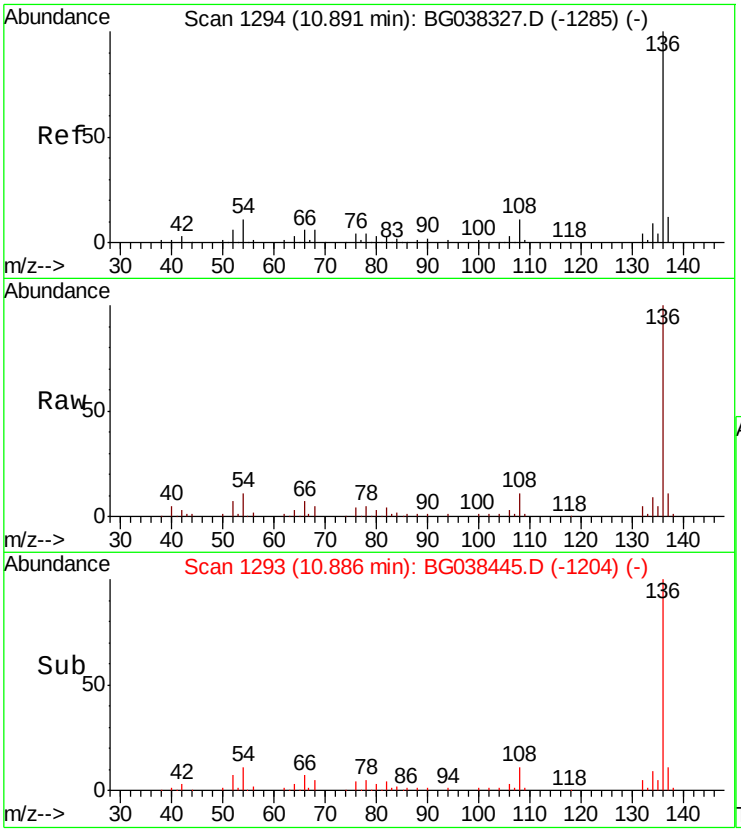


#19
n-Nitroso-di-n-propylamine
Concen: 14.142 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.37 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Tgt Ion: 70 Resp: 27178

Ion	Ratio	Lower	Upper
70	100		
42	52.9	53.9	80.9#
101	0.0	8.2	12.2#
130	2.6	18.2	27.4#



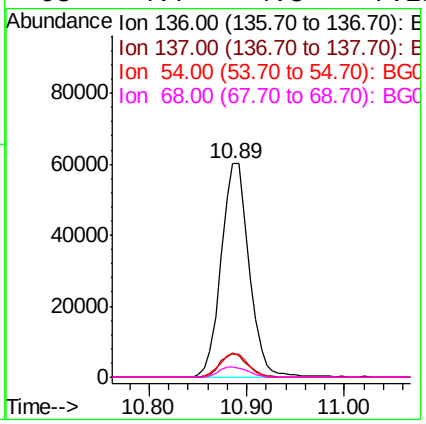


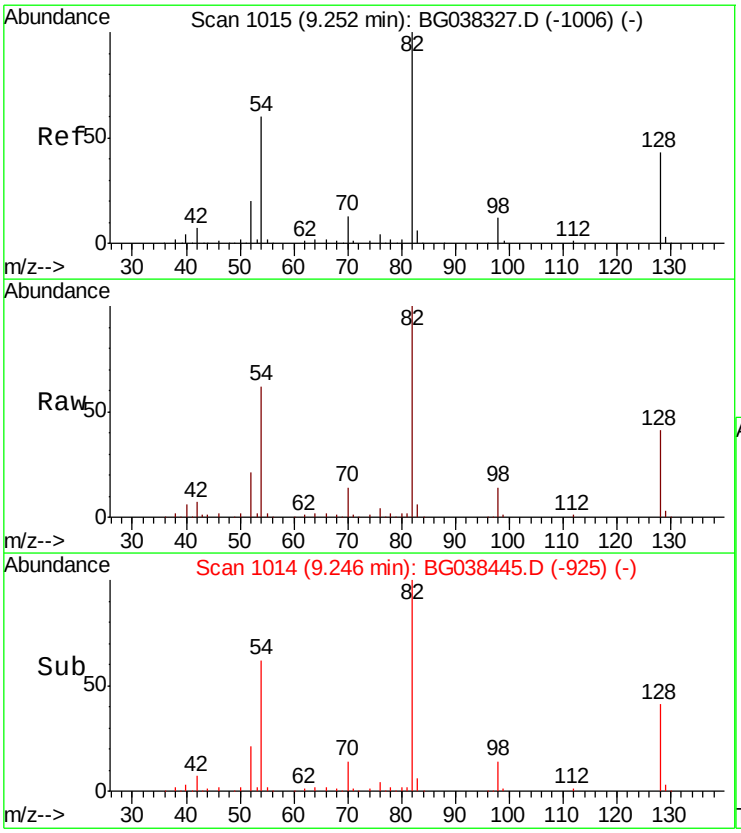
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Instrument :
BNA_G
ClientSampleId :
K-120718-RO

Tgt Ion:136 Resp: 119894

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	11.1	7.9	11.9
68	4.7	4.8	7.2#

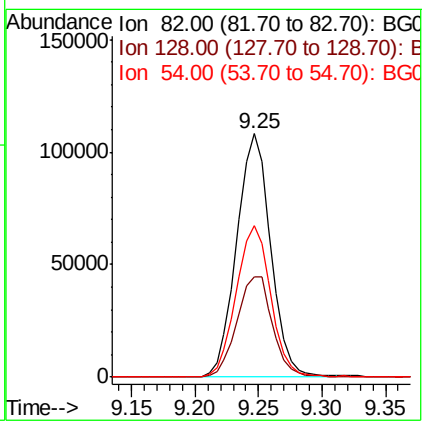


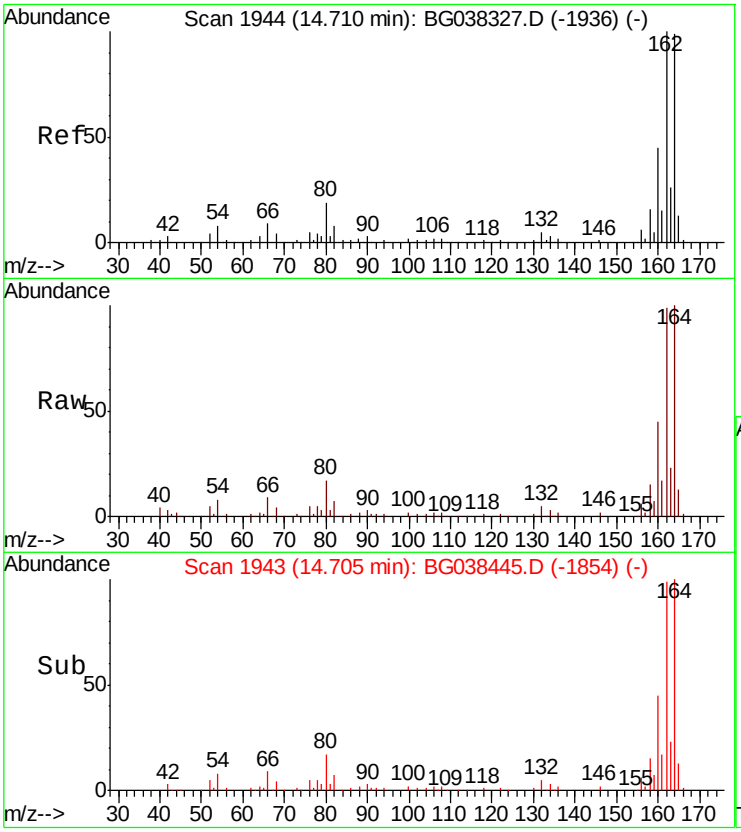


#23
Nitrobenzene-d5
Concen: 83.504 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Tgt Ion: 82 Resp: 201653

Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	51.8
54	62.4	45.3	67.9



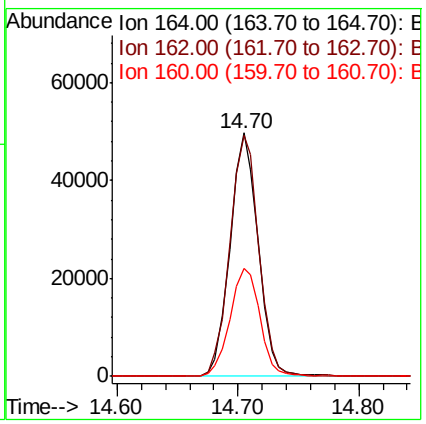


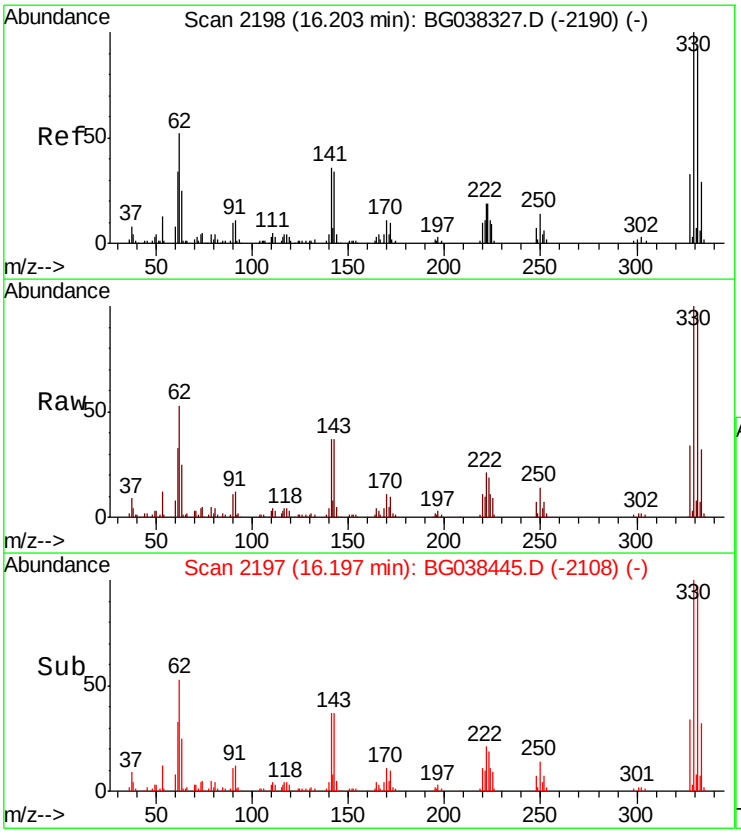
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Instrument :
BNA_G
ClientSampleId :
K-120718-RO

Tgt Ion:164 Resp: 80401

Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.3	121.9
160	44.5	36.3	54.5

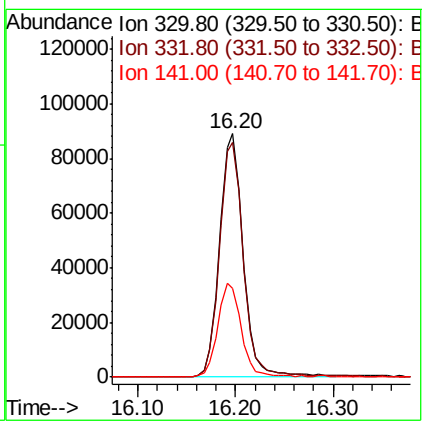


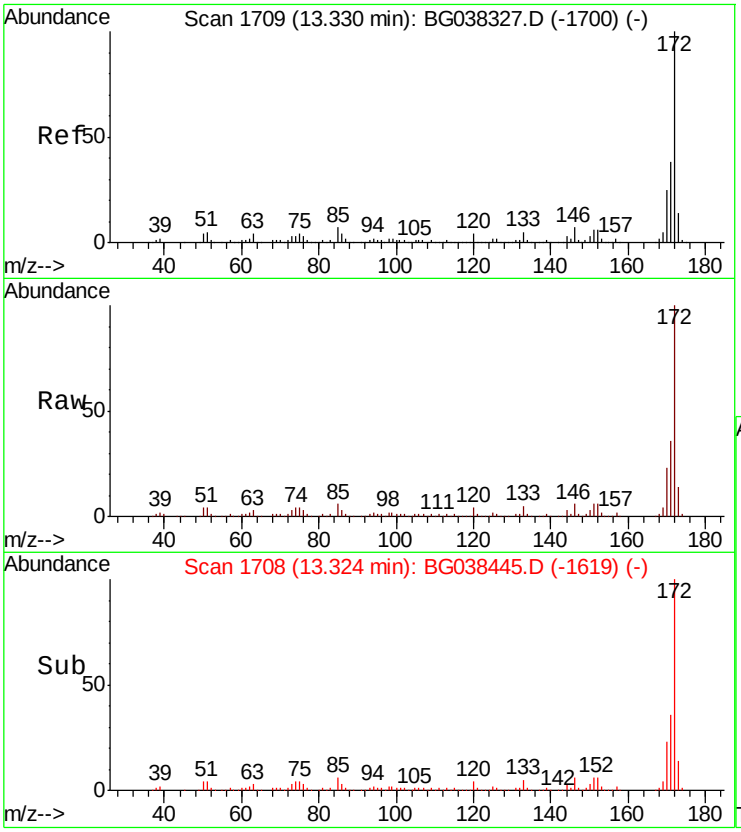


#42
2,4,6-Tribromophenol
Concen: 151.615 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Tgt Ion:330 Resp: 149647

Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.4	117.6
141	38.4	32.2	48.2



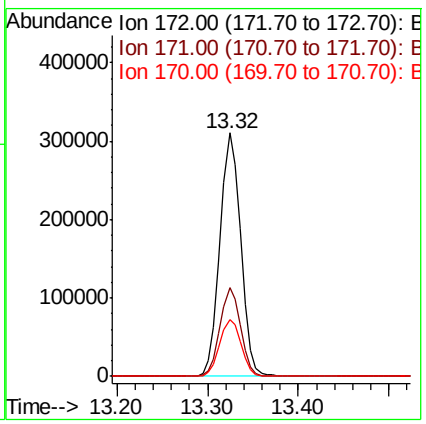


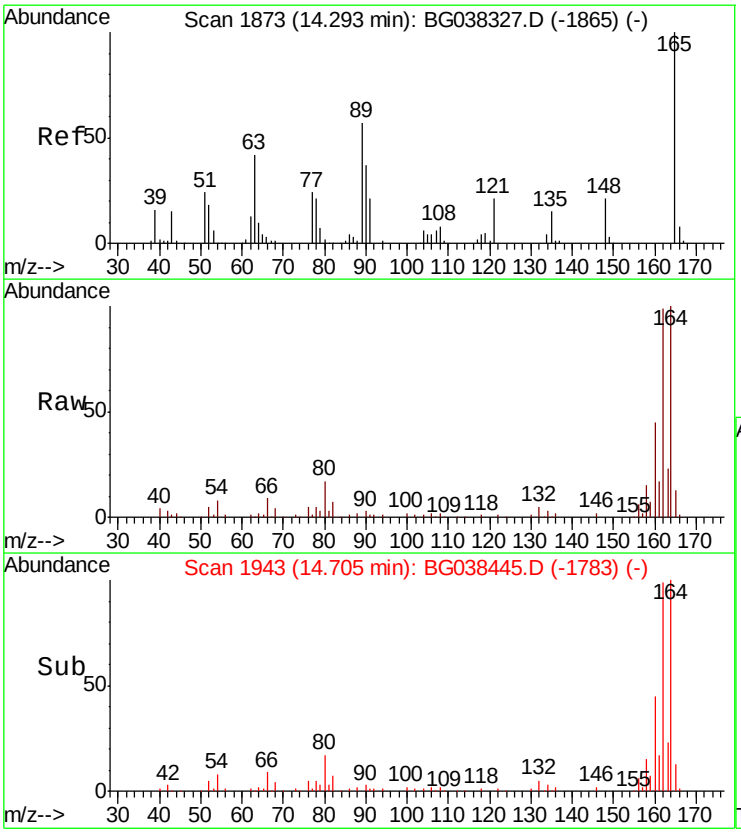
#45
2-Fluorobiphenyl
Concen: 87.570 ng
RT: 13.32 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Instrument :
BNA_G
ClientSampleId :
K-120718-RO

Tgt Ion:172 Resp: 494113

Ion	Ratio	Lower	Upper
172	100		
171	36.5	31.0	46.4
170	23.2	20.2	30.2

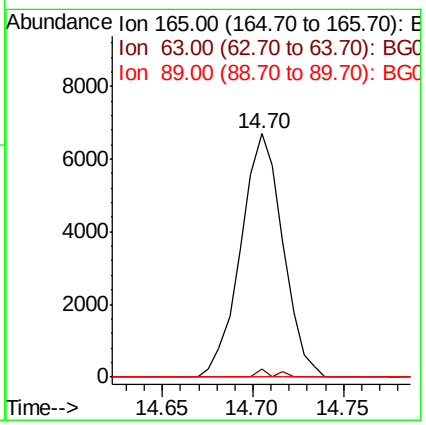


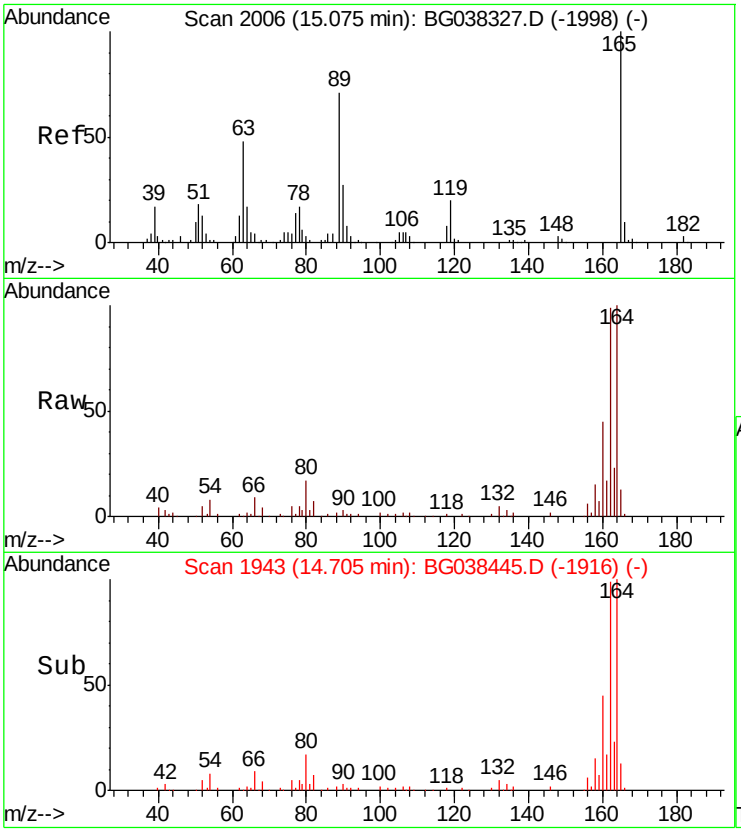


#51
2,6-Dinitrotoluene
Concen: 7.350 ng
RT: 14.70 min Scan# 1943
Delta R.T. 0.41 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Tgt Ion:165 Resp: 10828

Ion	Ratio	Lower	Upper
165	100		
63	3.4	43.4	65.2#
89	0.0	45.8	68.6#



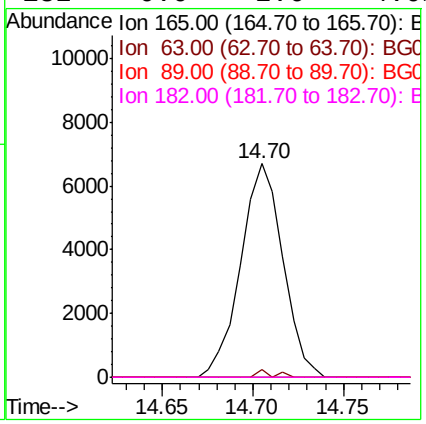


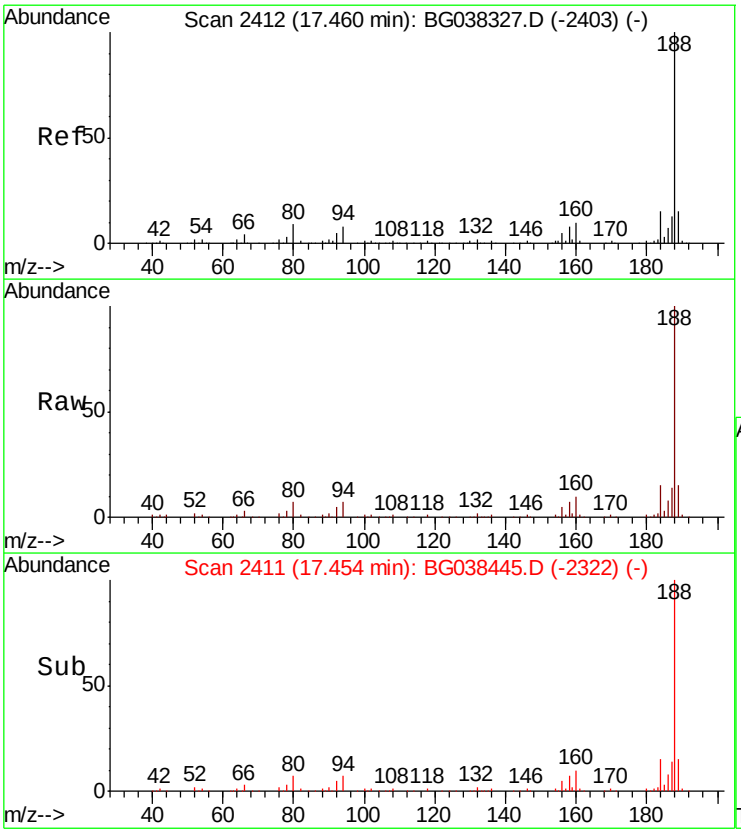
#57
2,4-Dinitrotoluene
Concen: 5.329 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.37 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Instrument :
BNA_G
ClientSampleId :
K-120718-RO

Tgt Ion:165 Resp: 10828

Ion	Ratio	Lower	Upper
165	100		
63	3.4	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

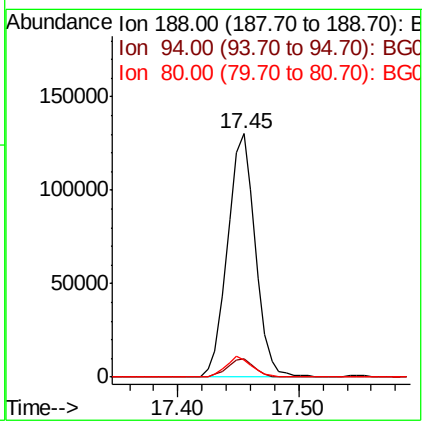


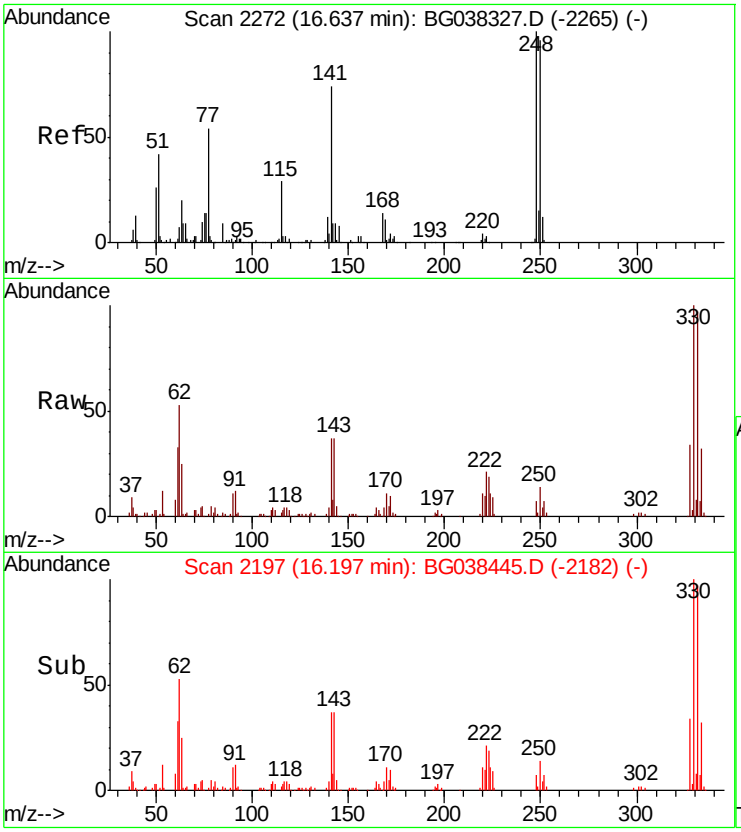


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Tgt Ion:188 Resp: 208437

Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.2	10.8
80	7.2	7.7	11.5#



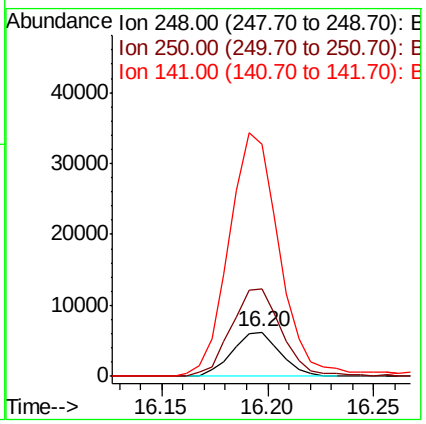


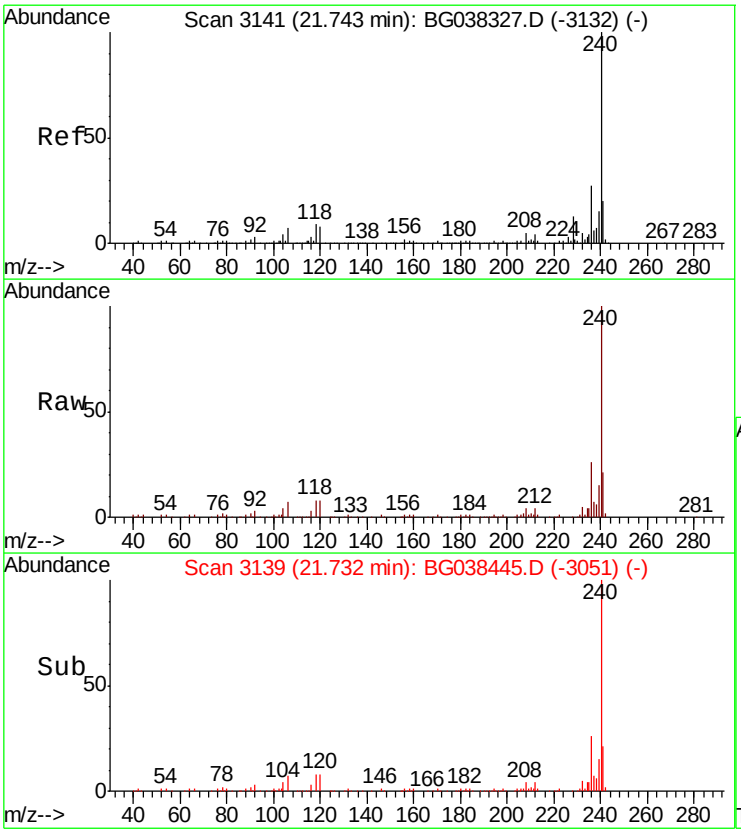
#67
4-Bromophenyl-phenylether
Concen: 4.312 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.44 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Instrument :
BNA_G
ClientSampleId :
K-120718-RO

Tgt Ion:248 Resp: 9705

Ion	Ratio	Lower	Upper
248	100		
250	193.9	77.0	115.6#
141	403.3	55.5	83.3#

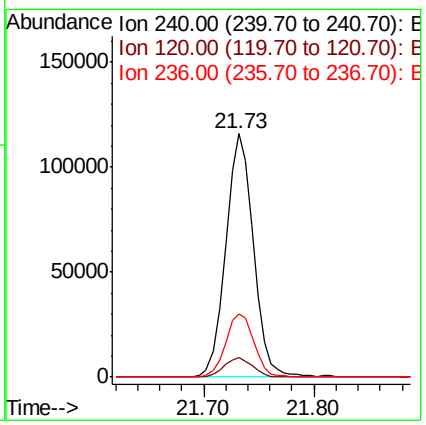


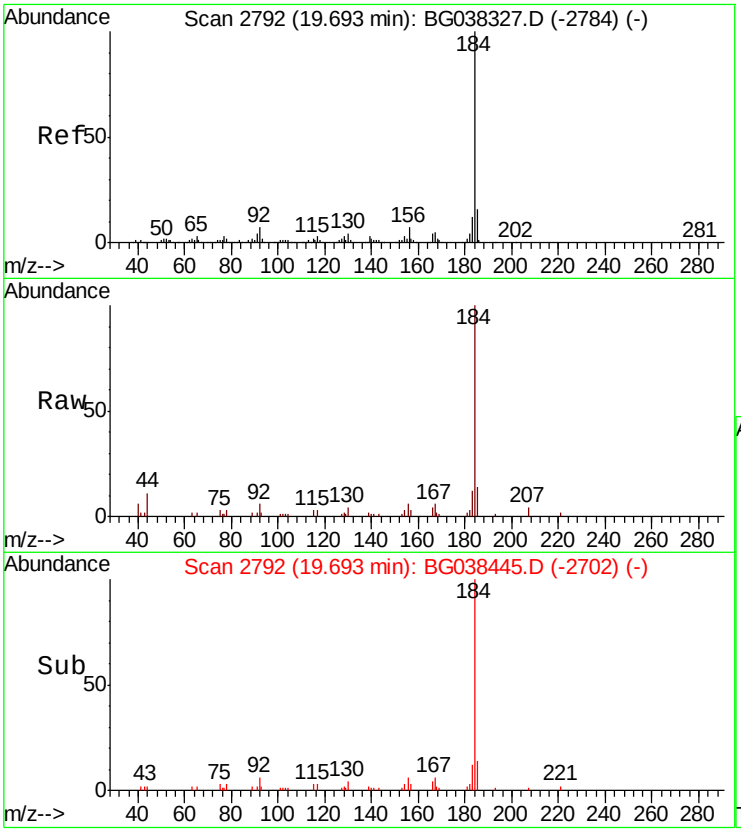


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Tgt Ion:240 Resp: 203581

Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.1	12.1#
236	26.2	21.4	32.0



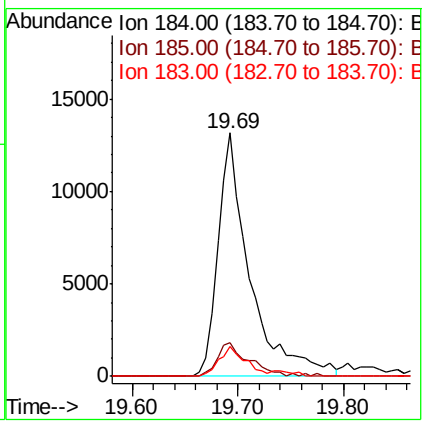


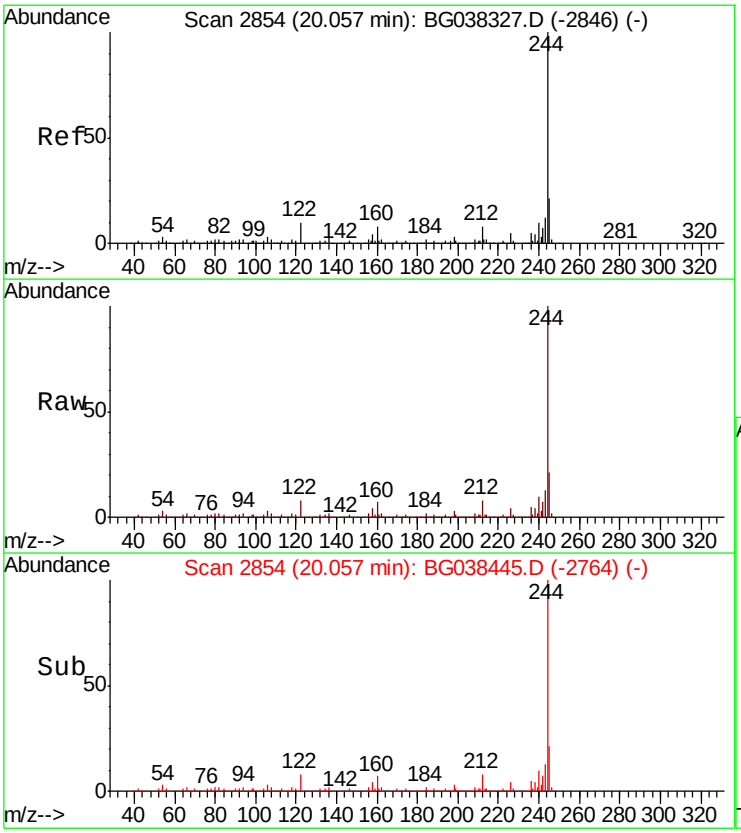
#77
Benzidine
Concen: 3.992 ng
RT: 19.69 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Instrument :
BNA_G
ClientSampleId :
K-120718-RO

Tgt Ion:184 Resp: 27424

Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.6	18.8
183	12.1	10.2	15.2

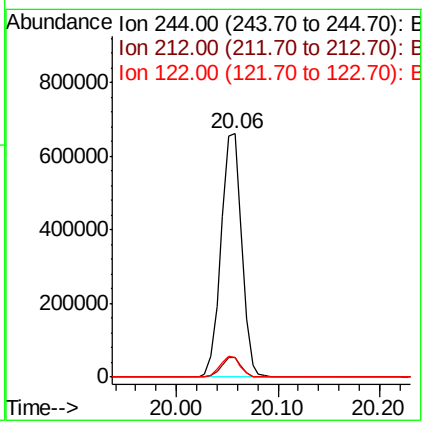


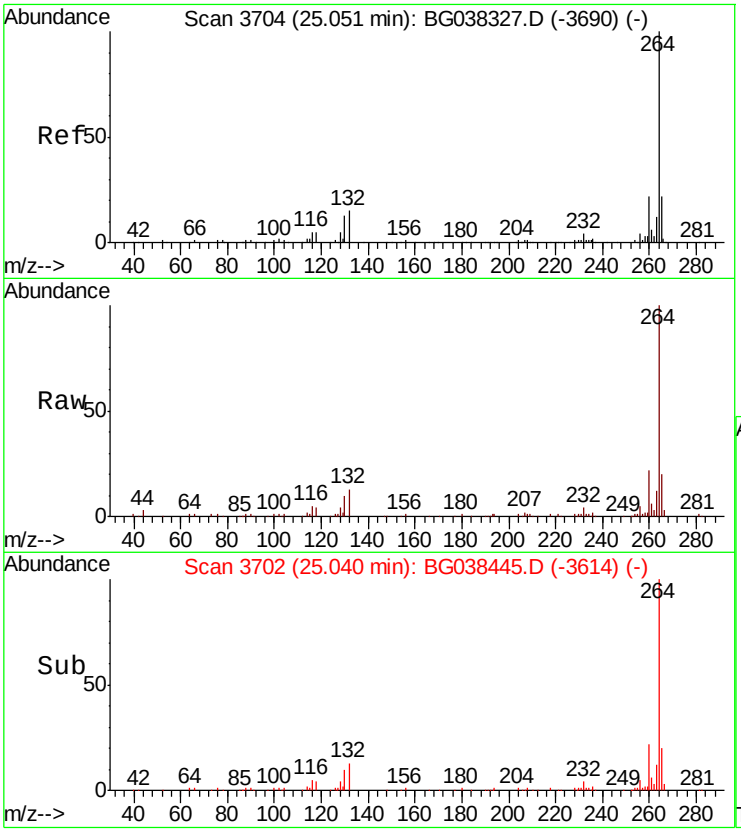


#79
Terphenyl-d14
Concen: 98.617 ng
RT: 20.06 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Tgt Ion:244 Resp: 937172

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	8.0	9.0	13.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Instrument :
BNA_G
ClientSampleId :
K-120718-RO

Tgt Ion:264 Resp: 205907

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.2	27.4
265	20.5	17.9	26.9