Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
Data File : BG036509.D
Acq On : 31 Aug 2018 17:10
Operator : JU/SJ
Sample : J4721-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 01 01:01:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	51416	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	218386	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	143657	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	385343	20.00	ng	0.00
75) Chrysene-d12	21.69	240	415317	20.00	ng	0.00
86) Perylene-d12	24.90	264	386592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	330168	101.86	ng	0.00
7) Phenol-d6	7.22	99	413468	89.10	ng	0.00
23) Nitrobenzene-d5	9.22	82	328036	81.50	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	198482	115.79	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	768147	76.35	ng	0.00
78) Terphenyl-d14	20.03	244	1423853	80.13	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	42922	12.376	ng	# 69
50) 2,6-Dinitrotoluene	14.68	165	18365	7.608	ng	# 23
56) 2,4-Dinitrotoluene	14.68	165	18365	5.838	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	13285	2.945	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
Data File : BG036509.D
Acq On : 31 Aug 2018 17:10
Operator : JU/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 01 01:01:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
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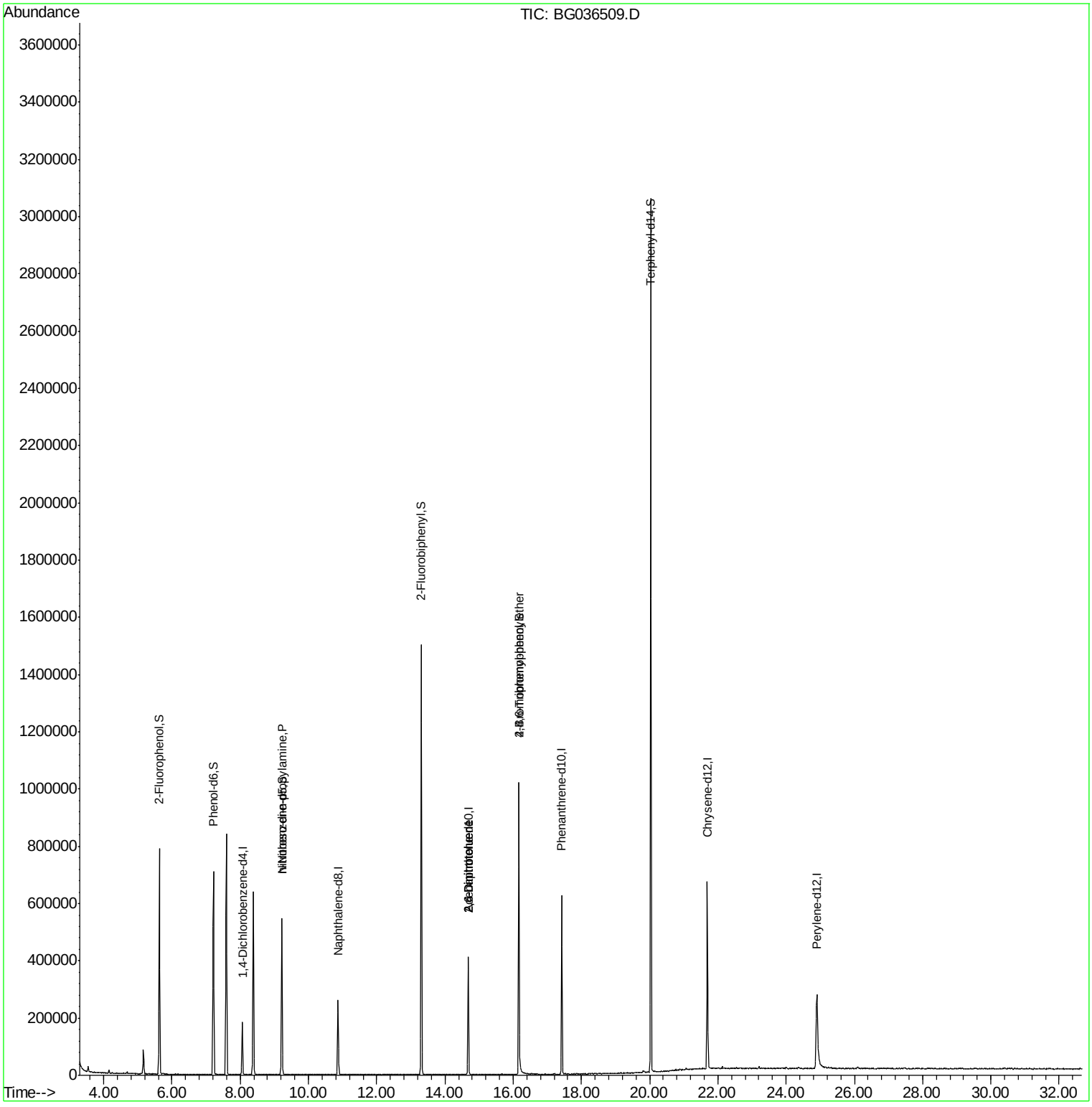
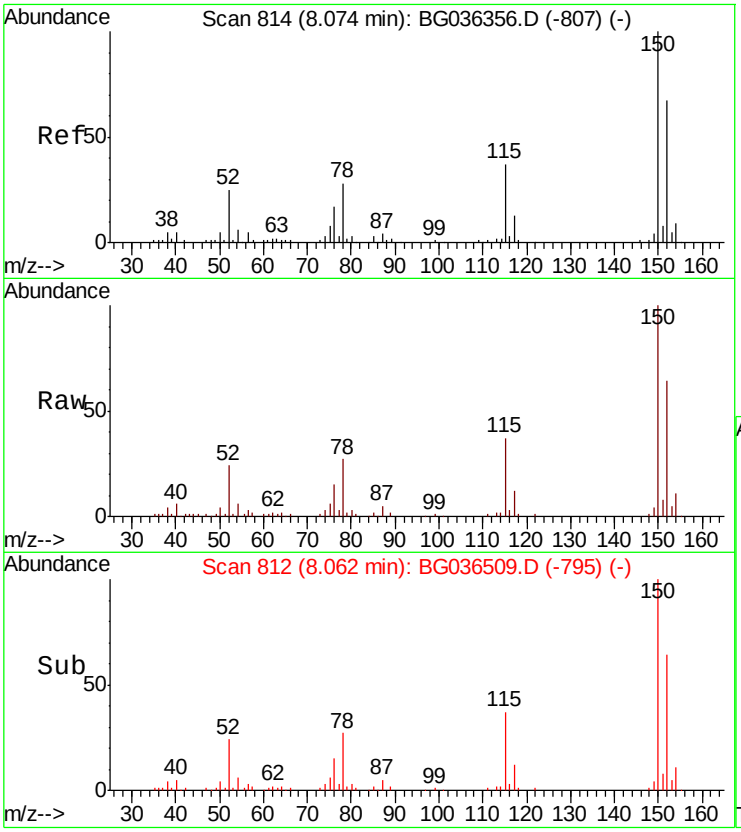


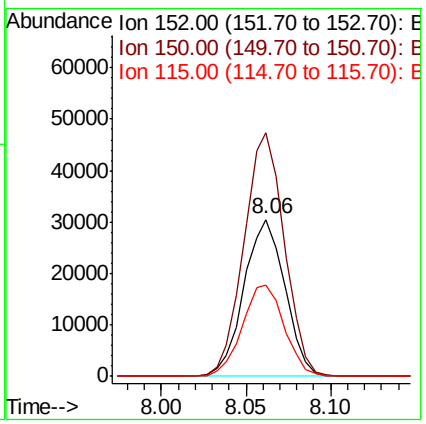


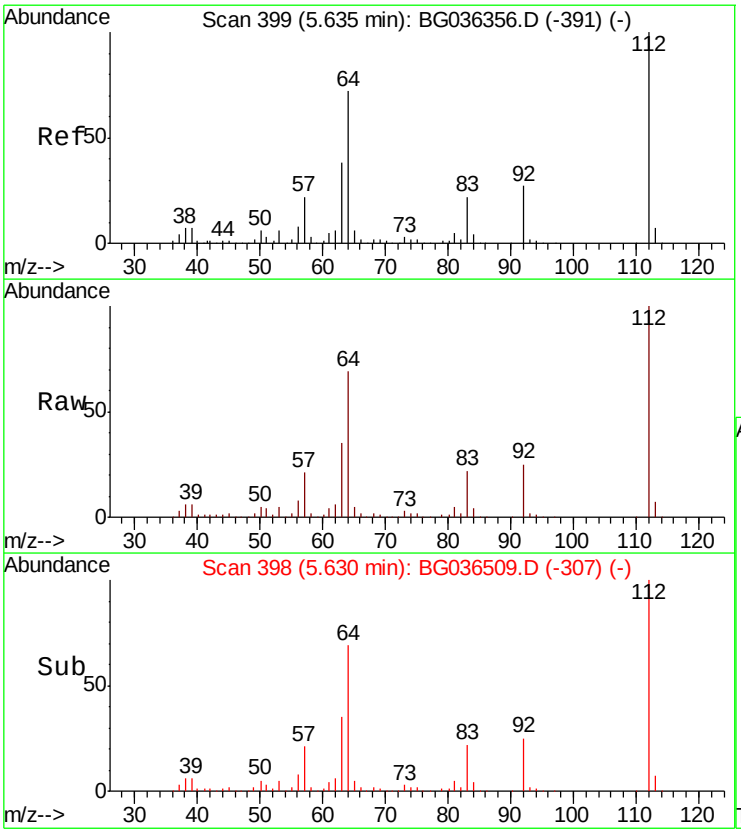
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 51416

Ion	Ratio	Lower	Upper
152	100		
150	155.3	119.5	179.3
115	58.1	44.5	66.7

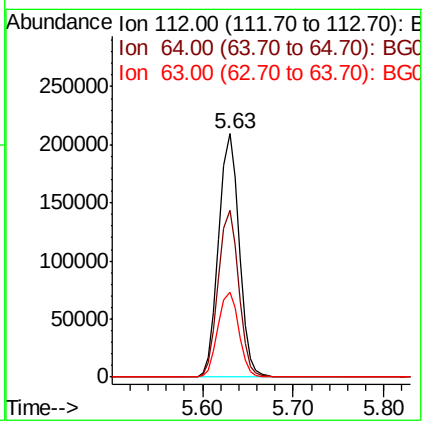


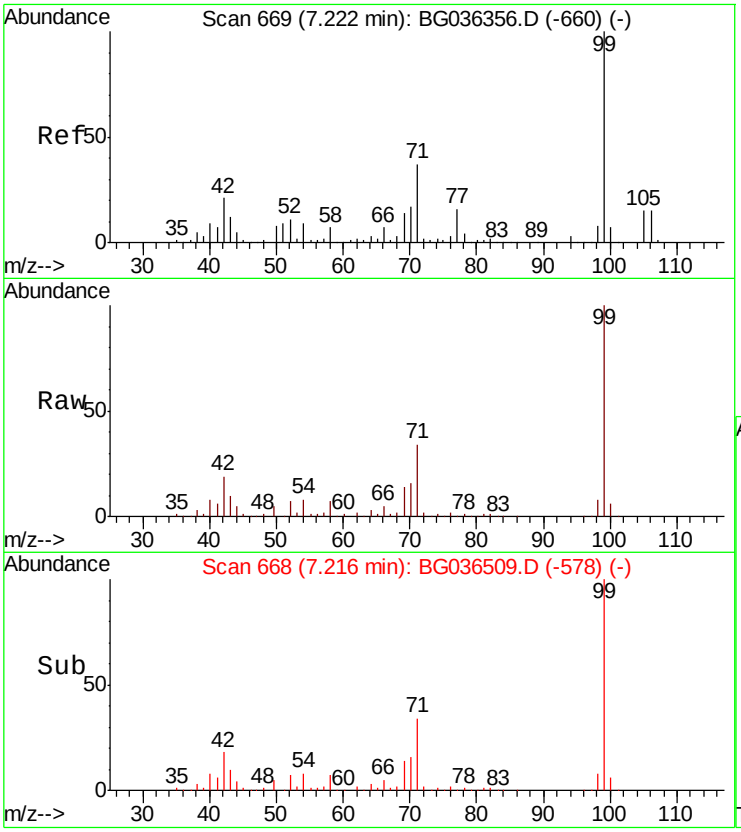


#5
2-Fluorophenol
Concen: 101.864 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Tgt Ion:112 Resp: 330168

Ion	Ratio	Lower	Upper
112	100		
64	68.6	57.2	85.8
63	35.0	30.8	46.2



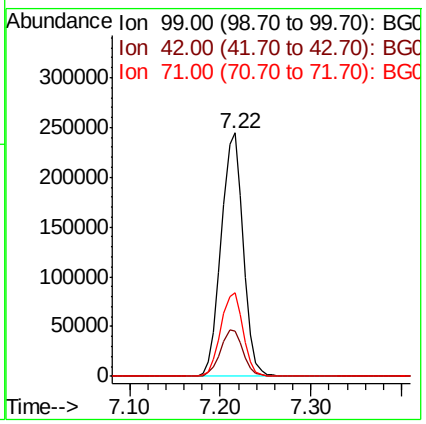


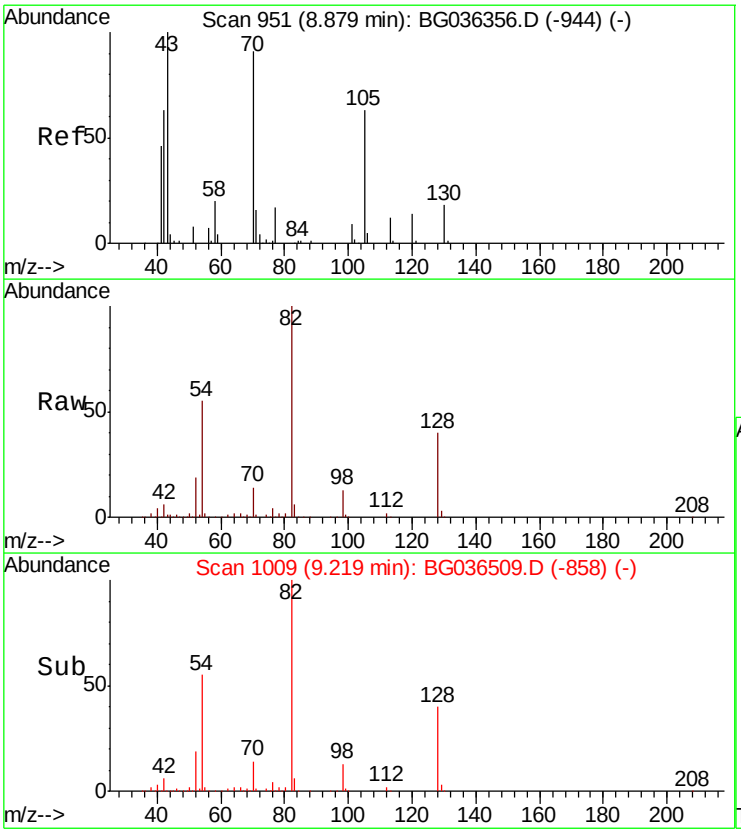
#7
Phenol-d6
Concen: 89.096 ng
RT: 7.22 min Scan# 668
Delta R.T. -0.00 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 413468

Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.5	24.7
71	34.2	29.4	44.2

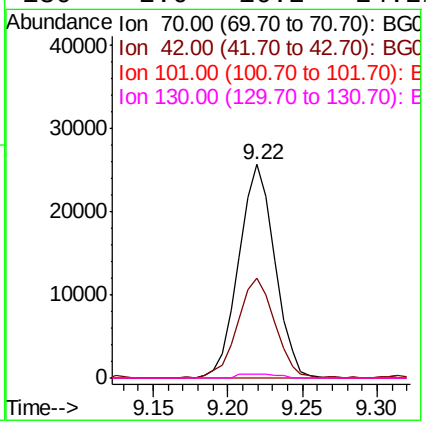


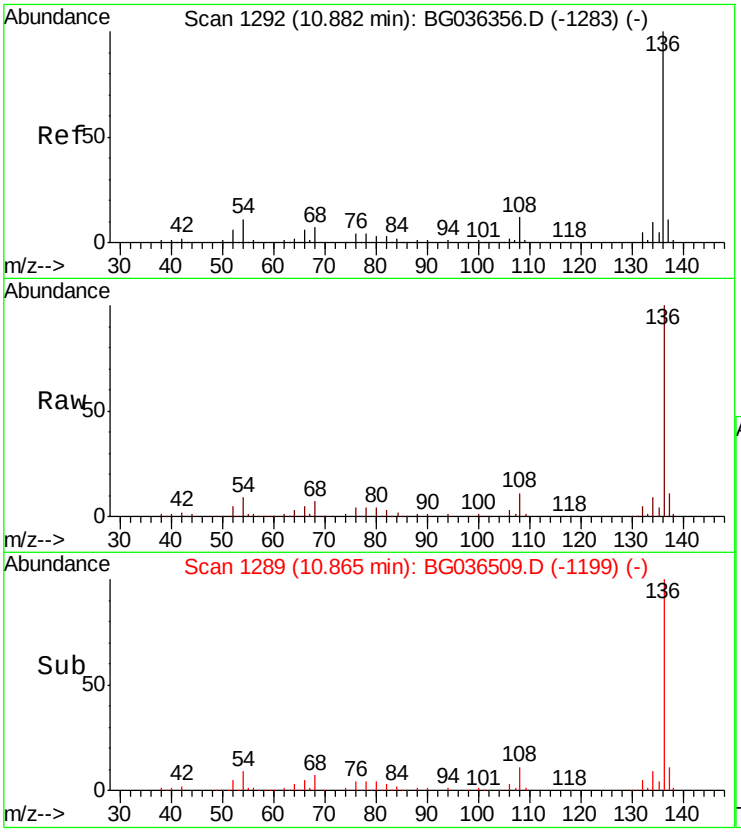


#19
n-Nitroso-di-n-propylamine
Concen: 12.376 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.36 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Tgt Ion: 70 Resp: 42922

Ion	Ratio	Lower	Upper
70	100		
42	46.8	56.2	84.4#
101	0.0	7.8	11.6#
130	2.0	16.2	24.2#



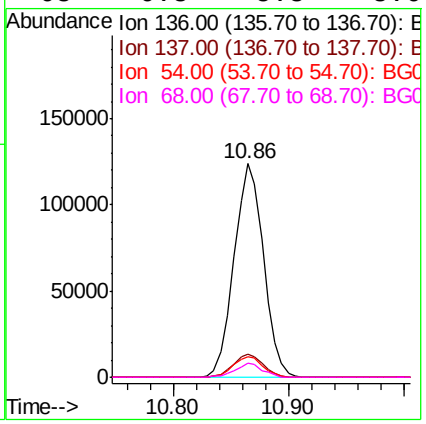


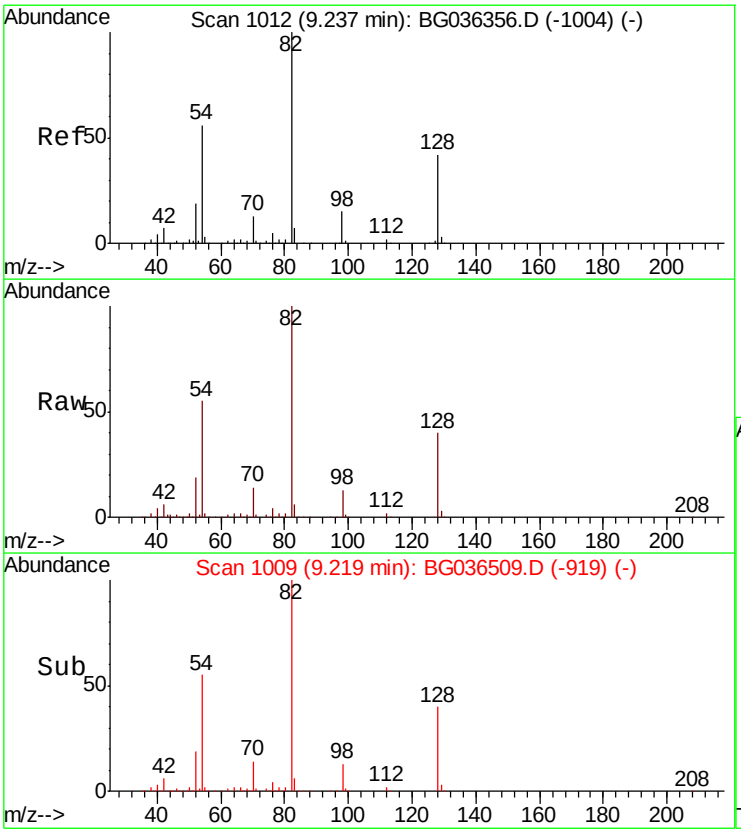
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 218386

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.3	9.2	13.8
68	6.8	5.8	8.6

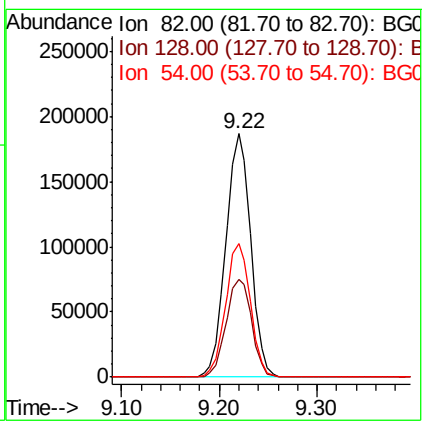


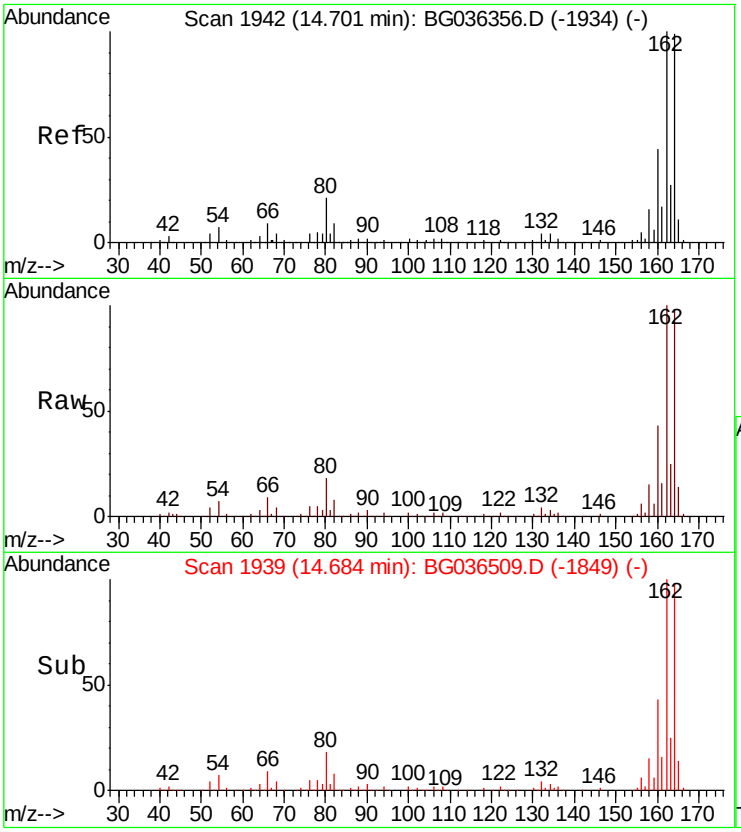


#23
Nitrobenzene-d5
Concen: 81.499 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Tgt Ion: 82 Resp: 328036

Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.3	49.9
54	54.9	45.1	67.7



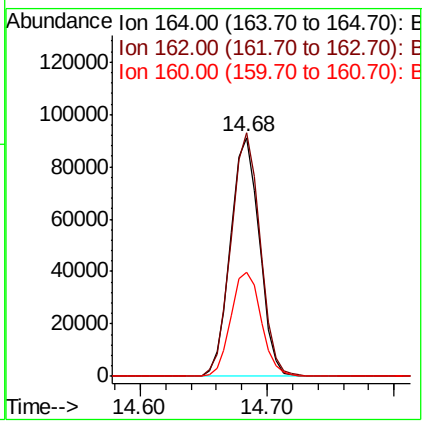


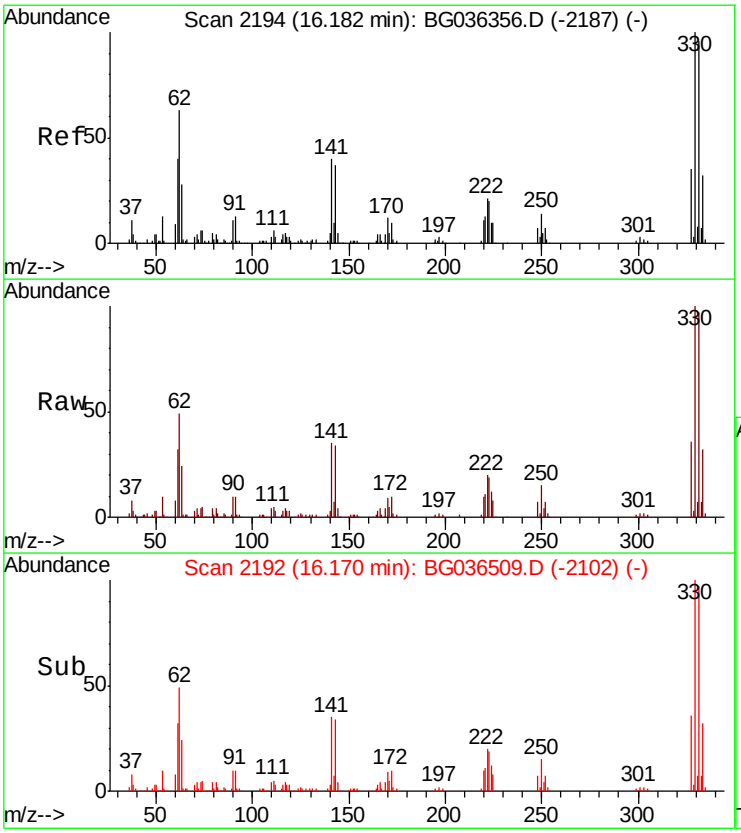
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 143657

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.7	121.1
160	43.6	35.3	52.9

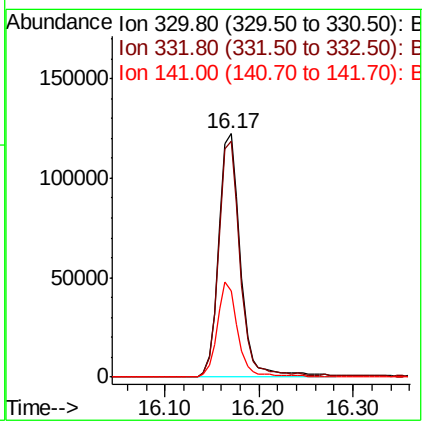


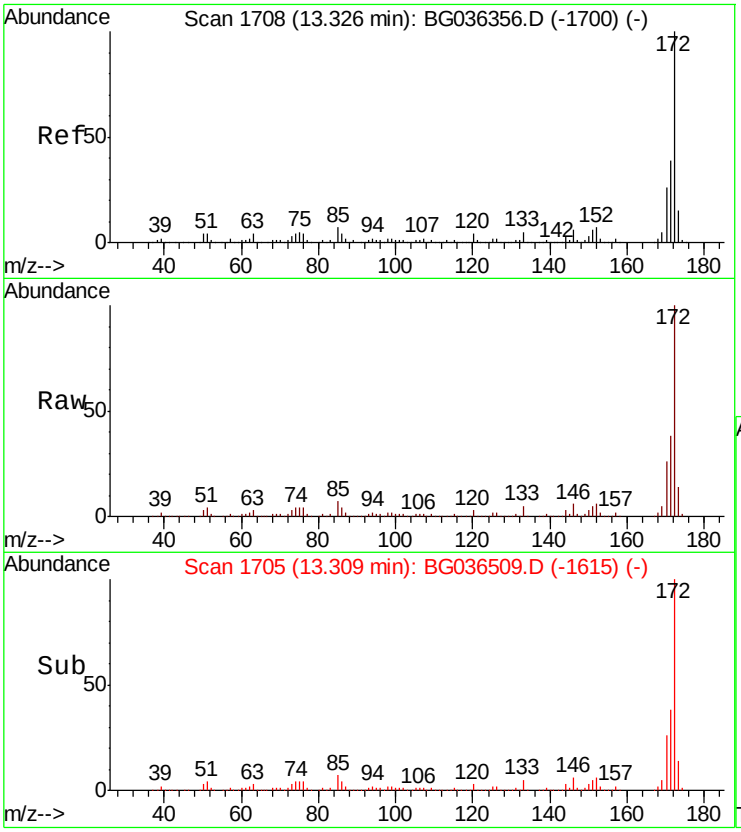


#41
2,4,6-Tribromophenol
Concen: 115.790 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Tgt Ion:330 Resp: 198482

Ion	Ratio	Lower	Upper
330	100		
332	94.2	75.4	113.2
141	36.5	30.7	46.1



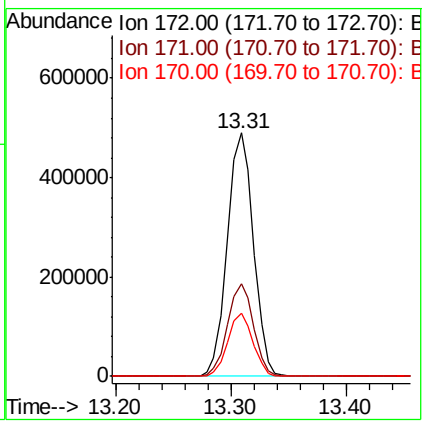


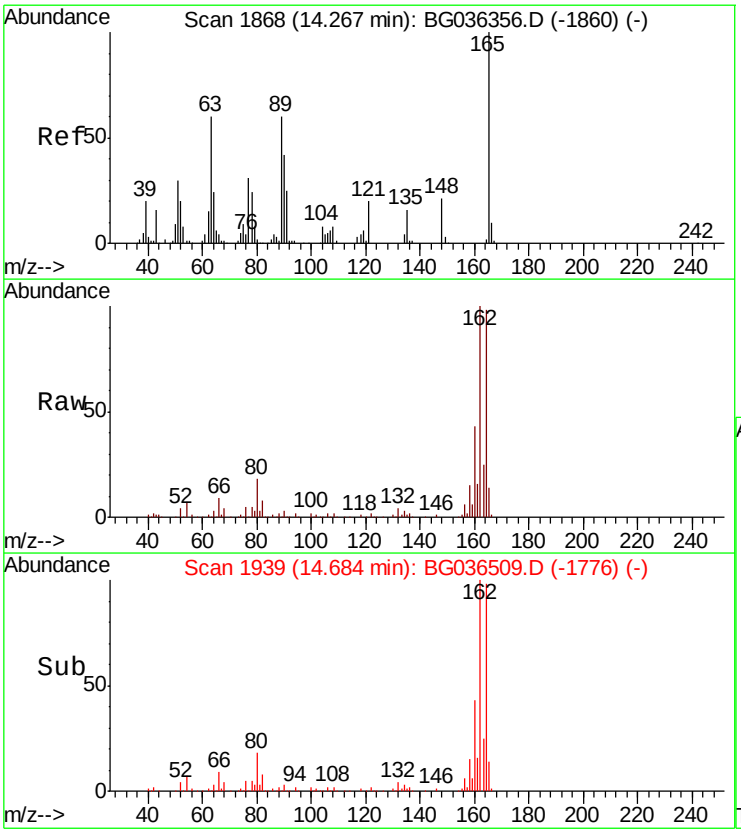
#44
2-Fluorobiphenyl
Concen: 76.347 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 768147

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	26.0	21.0	31.6

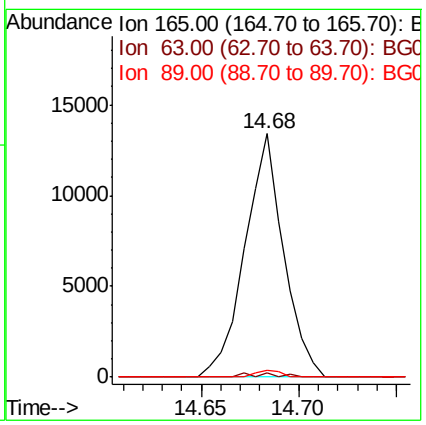


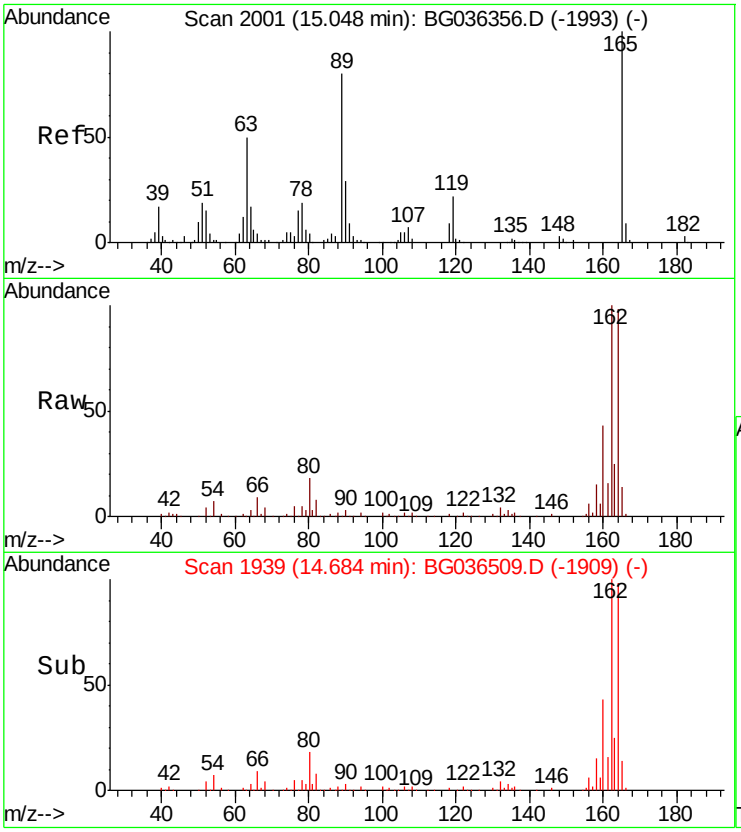


#50
2,6-Dinitrotoluene
Concen: 7.608 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.43 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Tgt Ion:165 Resp: 18365

Ion	Ratio	Lower	Upper
165	100		
63	1.5	50.1	75.1#
89	2.7	47.8	71.6#



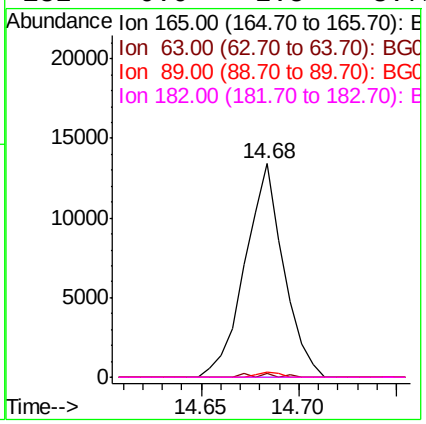


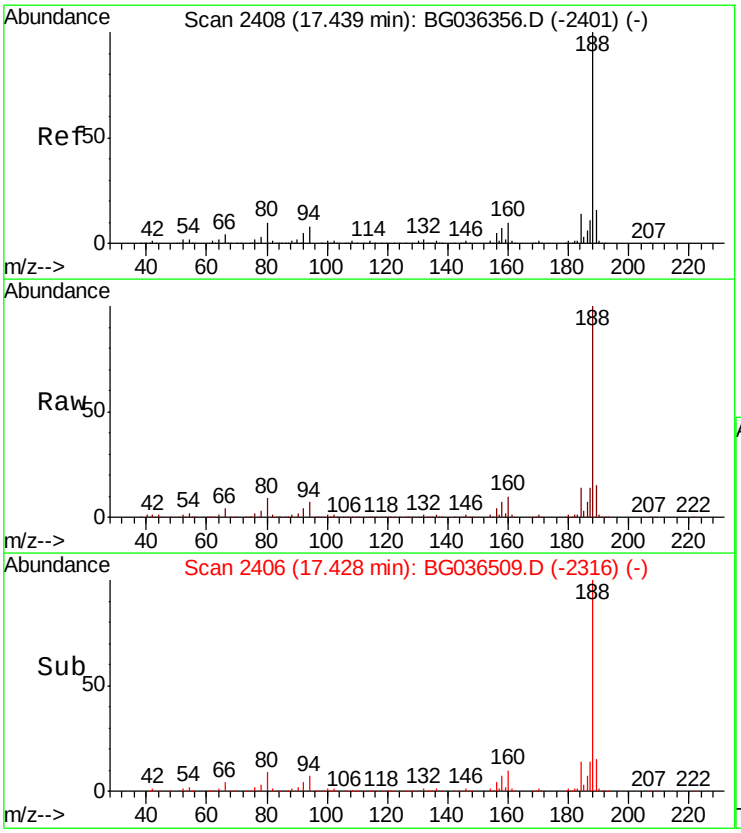
#56
2,4-Dinitrotoluene
Concen: 5.838 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.35 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18365

Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.1	60.1#
89	2.7	63.7	95.5#
182	0.0	2.5	3.7#

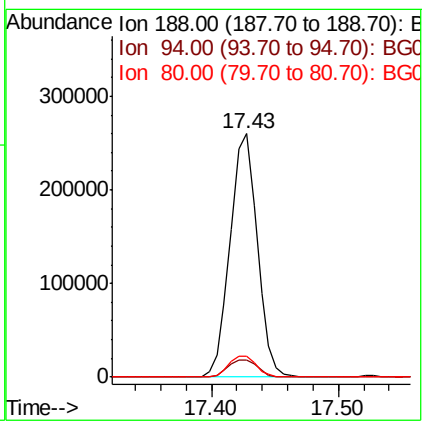


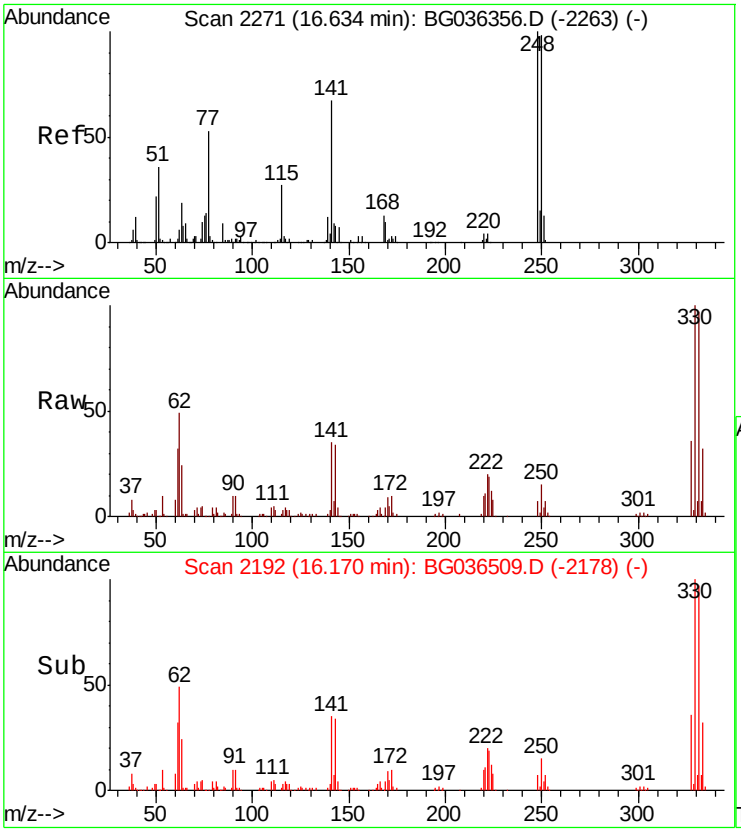


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Tgt Ion:188 Resp: 385343

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.7	10.1
80	8.7	8.1	12.1



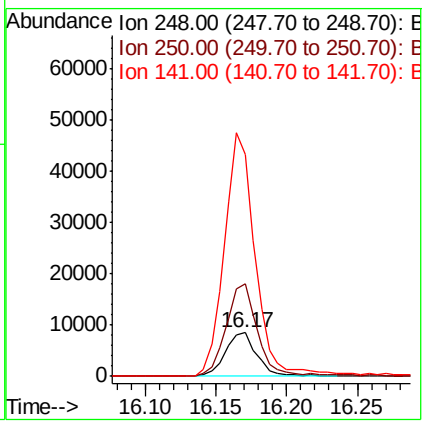


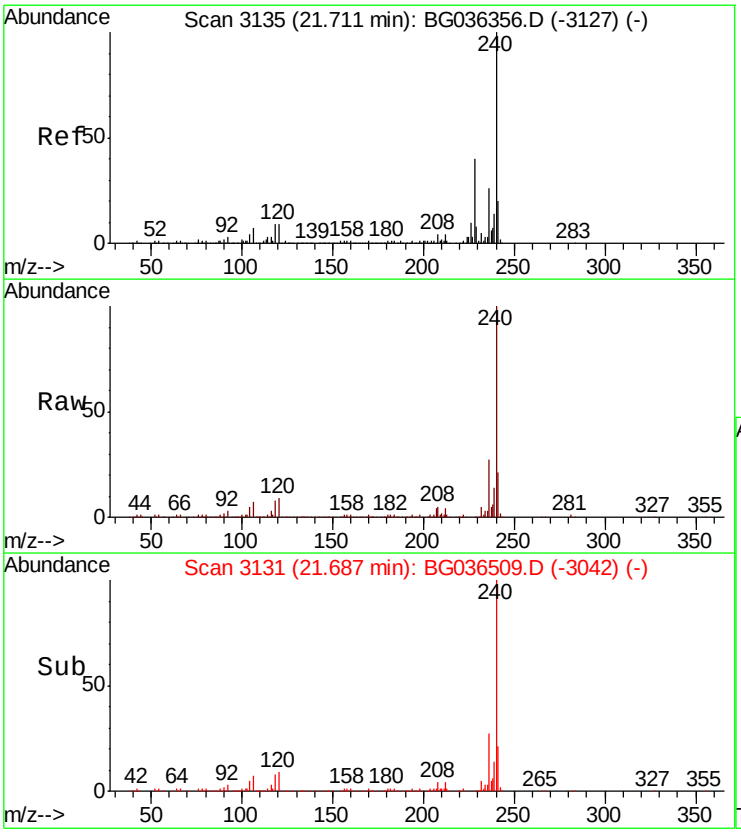
#66
4-Bromophenyl-phenylether
Concen: 2.945 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.45 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 13285

Ion	Ratio	Lower	Upper
248	100		
250	213.8	78.1	117.1#
141	510.3	53.7	80.5#

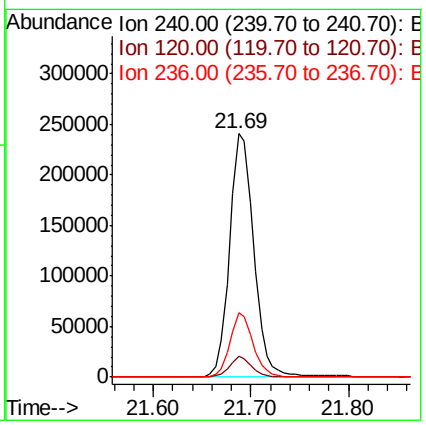


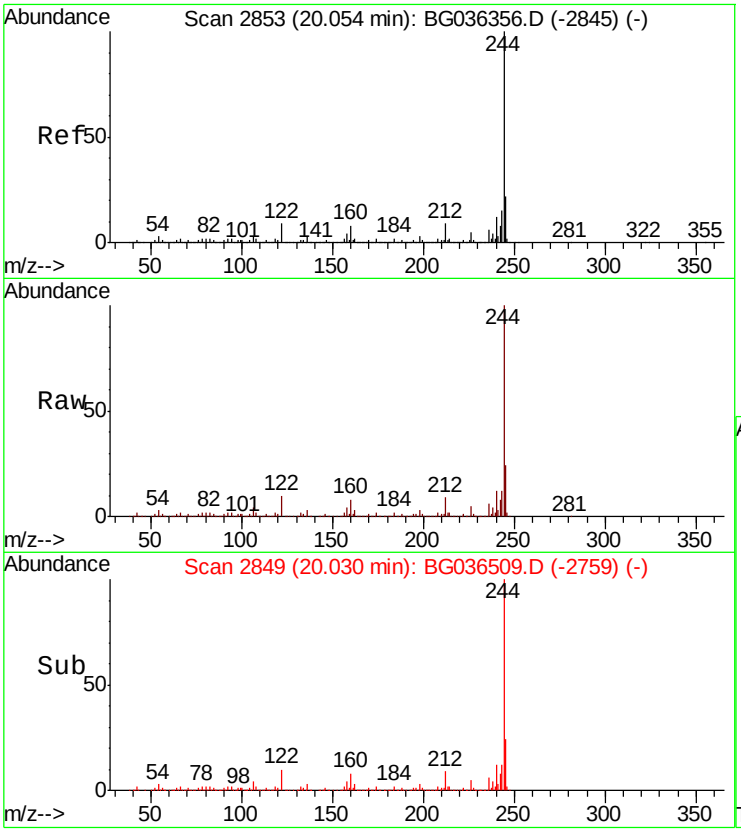


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Tgt Ion:240 Resp: 415317

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.9	10.3
236	26.6	21.2	31.8



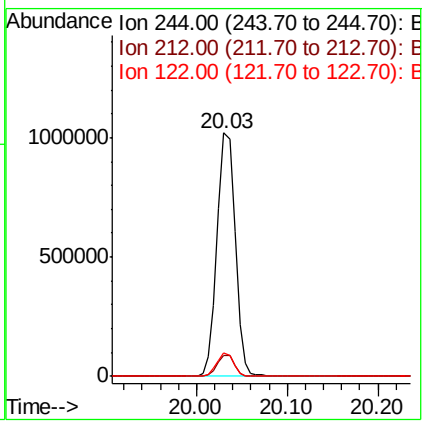


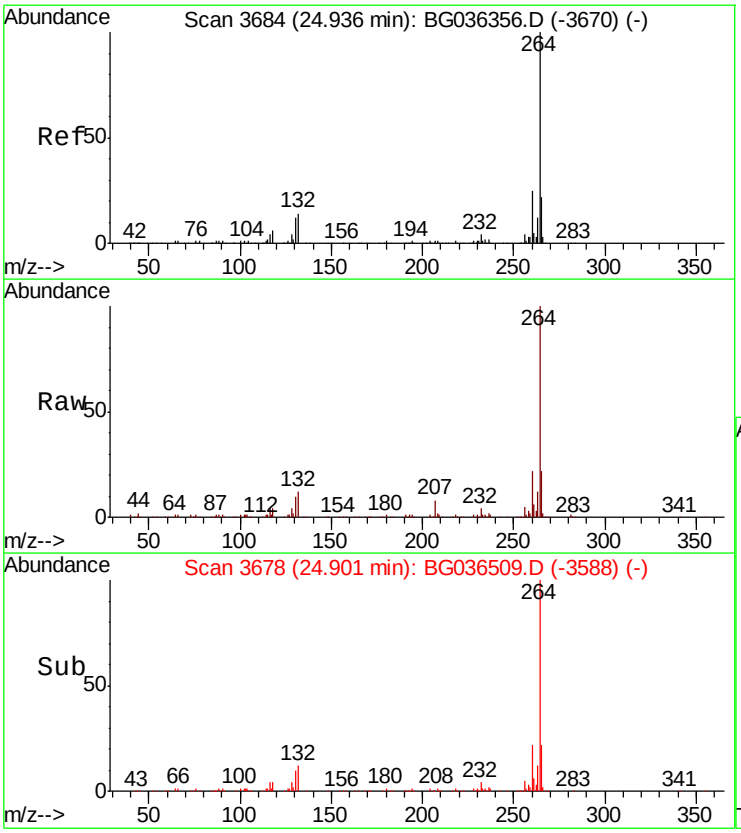
#78
Terphenyl-d14
Concen: 80.132 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1423853

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.7	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Tgt Ion:264 Resp: 386592

Ion	Ratio	Lower	Upper
264	100		
260	21.5	19.6	29.4
265	22.2	17.4	26.0