Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092818\
Data File : BG037074.D
Acq On : 29 Sep 2018 7:23
Operator : JU/SJ
Sample : J4777-36
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PL-01-092718-B

Quant Time: Oct 01 02:17:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44371	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	182875	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	110173	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	279123	20.00	ng	0.00
75) Chrysene-d12	21.68	240	301017	20.00	ng	-0.01
86) Perylene-d12	24.87	264	291891	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	262493	113.45	ng	0.00
7) Phenol-d6	7.20	99	313036	87.45	ng	-0.01
23) Nitrobenzene-d5	9.20	82	275440	80.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	138219	104.86	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	560415	75.76	ng	-0.01
78) Terphenyl-d14	20.01	244	1001240	87.46	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	37528	12.602	ng	# 72
50) 2,6-Dinitrotoluene	14.66	165	14077	7.275	ng	# 22
56) 2,4-Dinitrotoluene	14.66	165	14077	5.214	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	9550	3.008	ng	# 1

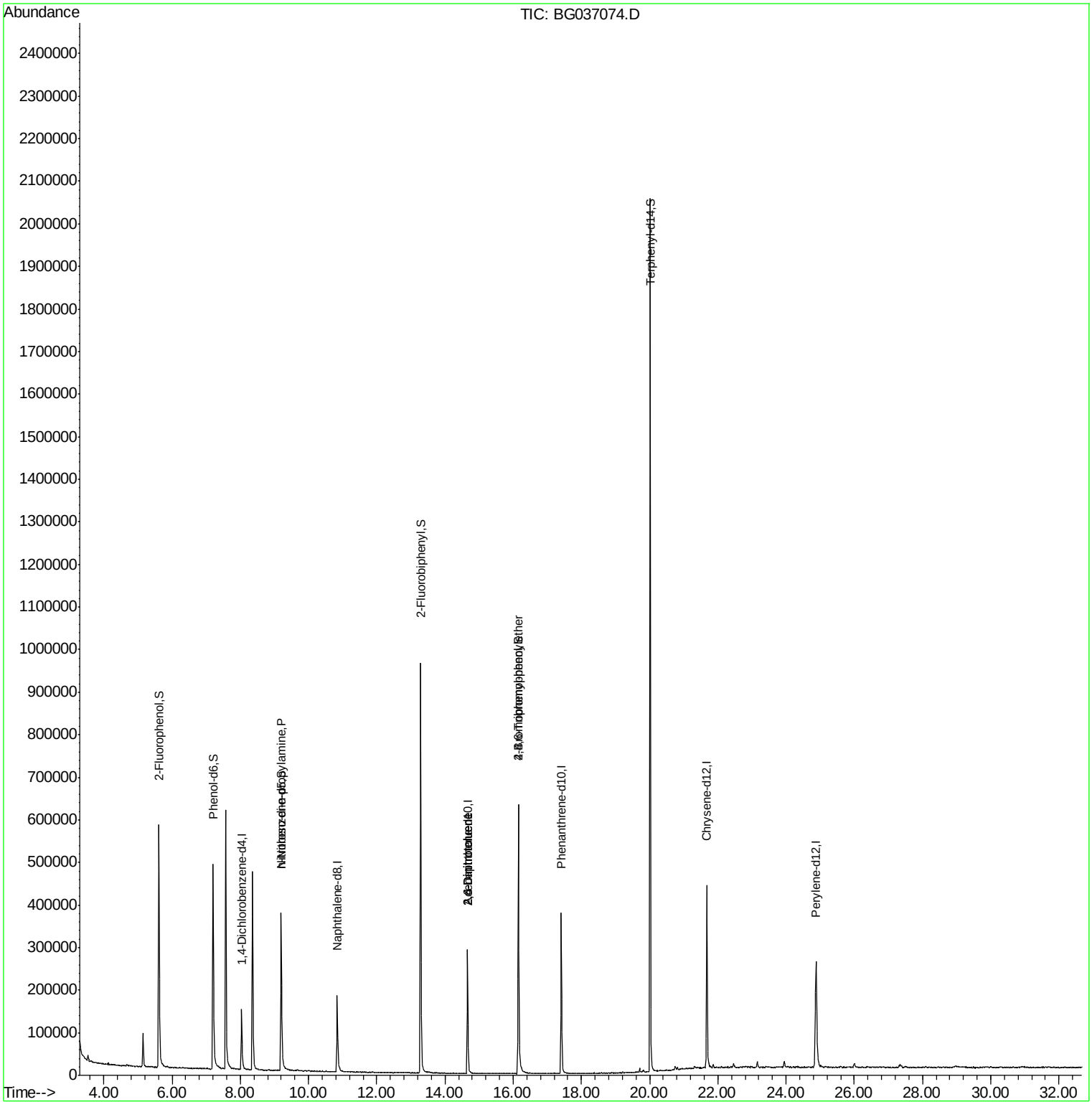
(#) = qualifier out of range (m) = manual integration (+) = signals summed

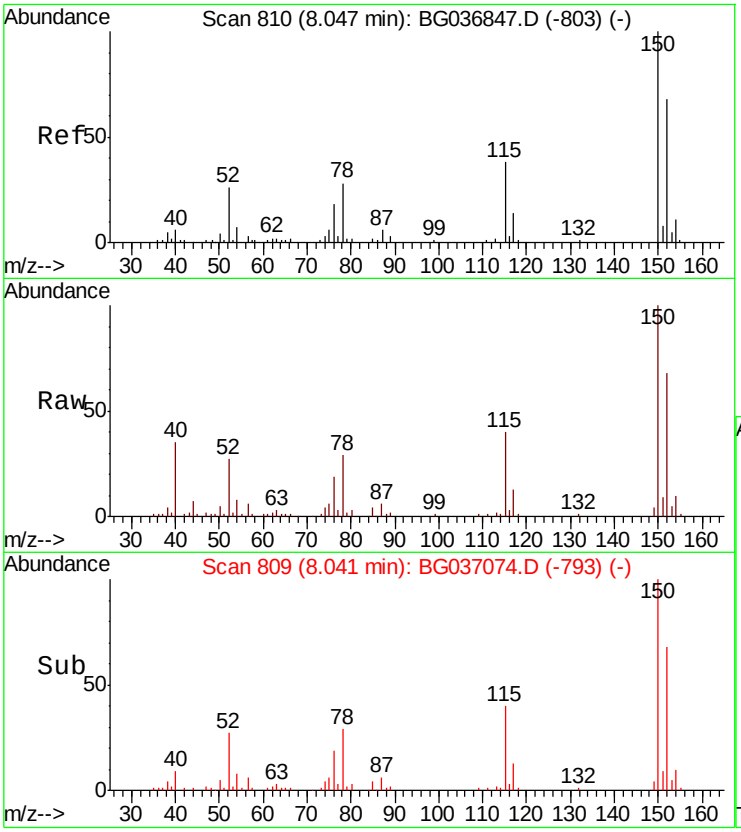
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092818\
Data File : BG037074.D
Acq On : 29 Sep 2018 7:23
Operator : JU/SJ
Sample : J4777-36
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-092718-B

Quant Time: Oct 01 02:17:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration



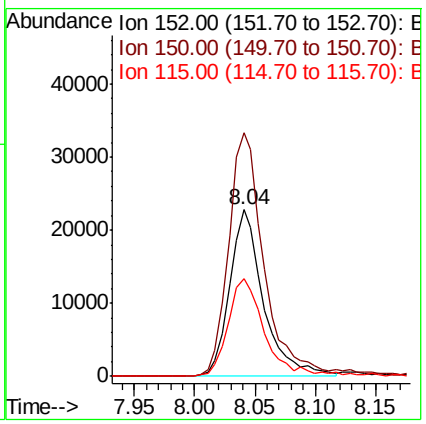


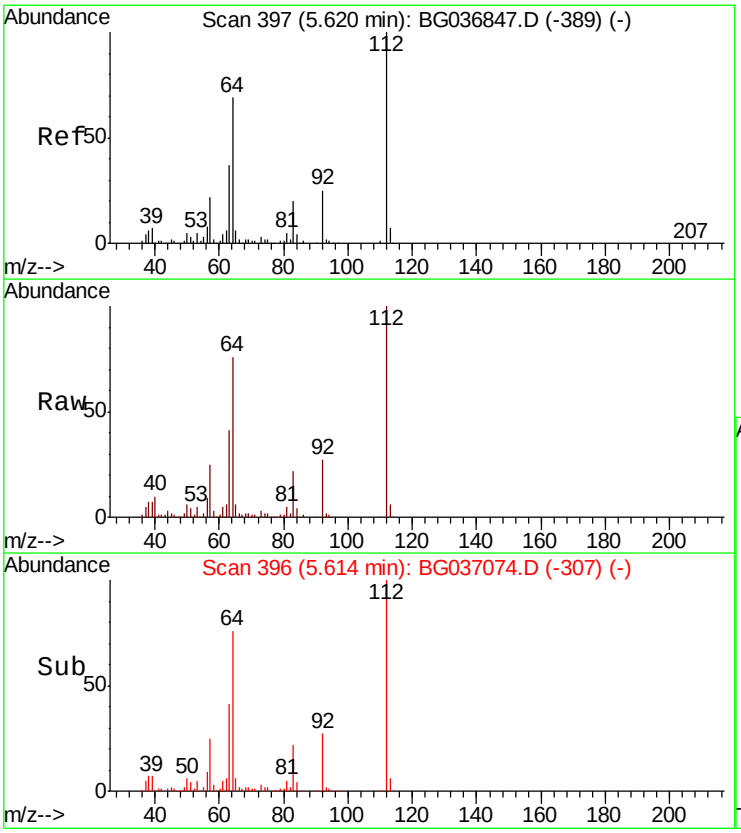
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037074.D
Acq: 29 Sep 2018 7:23

Instrument :
BNA_G
ClientSampleId :
PL-01-092718-B

Tgt Ion:152 Resp: 44371

Ion	Ratio	Lower	Upper
152	100		
150	146.3	119.5	179.3
115	58.7	44.5	66.7

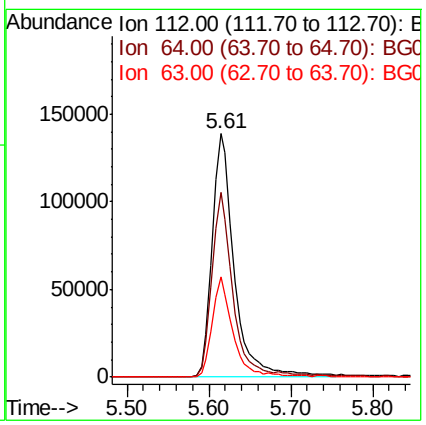


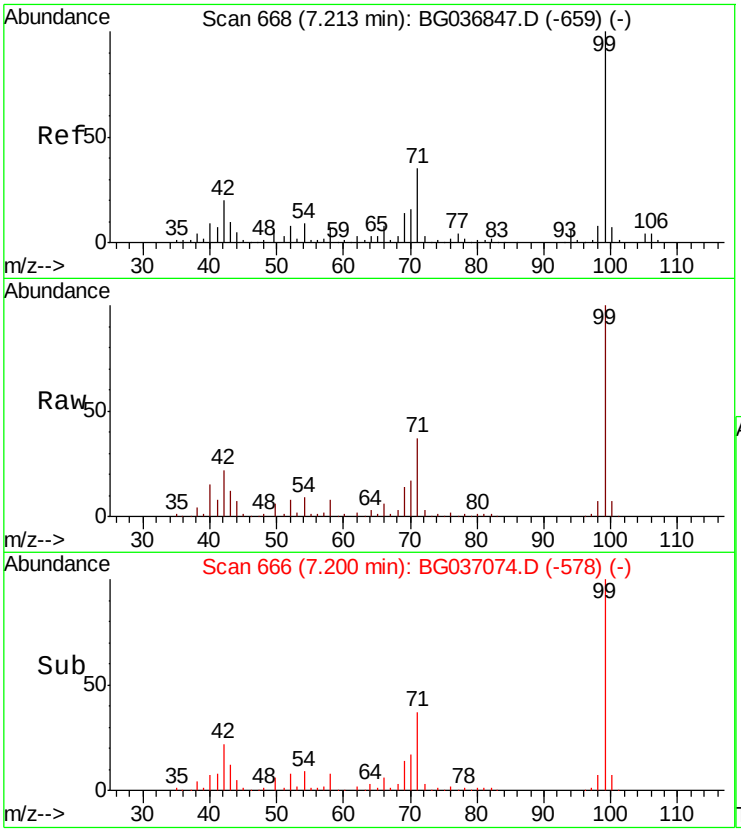


#5
2-Fluorophenol
Concen: 113.454 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037074.D
Acq: 29 Sep 2018 7:23

Tgt Ion:112 Resp: 262493

Ion	Ratio	Lower	Upper
112	100		
64	76.1	57.2	85.8
63	41.1	30.8	46.2



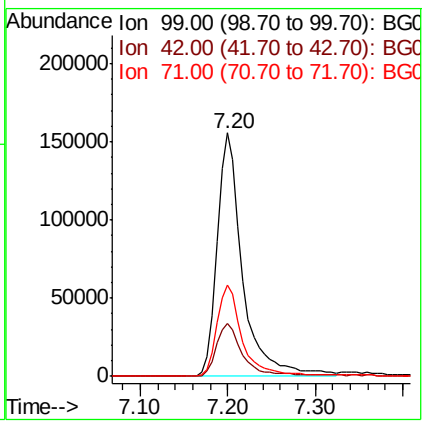


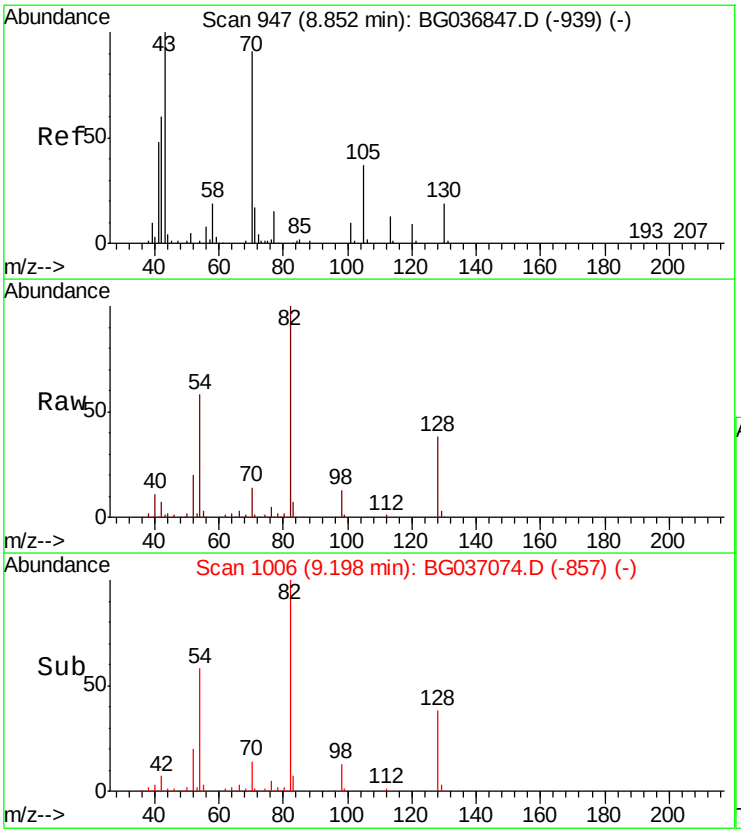
#7
Phenol-d6
Concen: 87.449 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG037074.D
Acq: 29 Sep 2018 7:23

Instrument :
BNA_G
ClientSampleId :
PL-01-092718-B

Tgt Ion: 99 Resp: 313036

Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.5	24.7
71	37.3	29.4	44.2

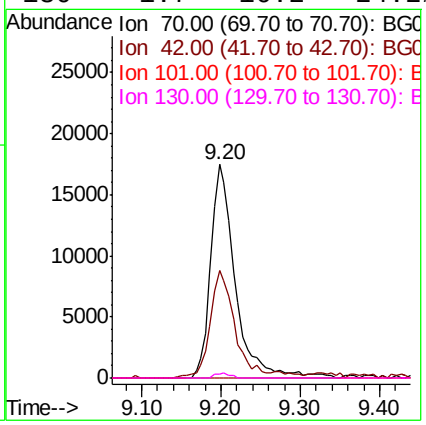


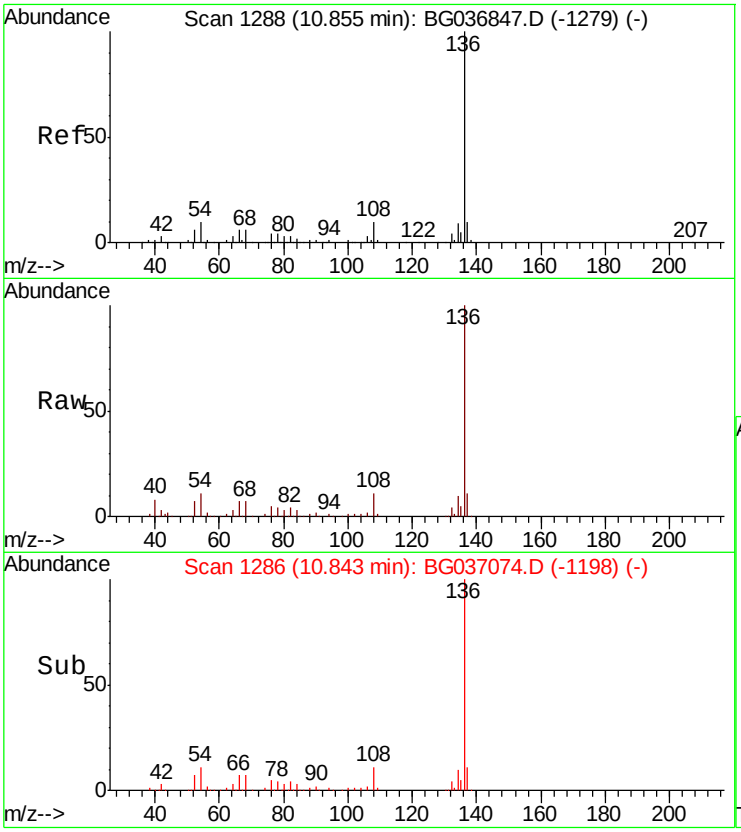


#19
n-Nitroso-di-n-propylamine
Concen: 12.602 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.35 min
Lab File: BG037074.D
Acq: 29 Sep 2018 7:23

Tgt Ion: 70 Resp: 37528

Ion	Ratio	Lower	Upper
70	100		
42	50.2	56.2	84.4#
101	0.0	7.8	11.6#
130	1.7	16.2	24.2#



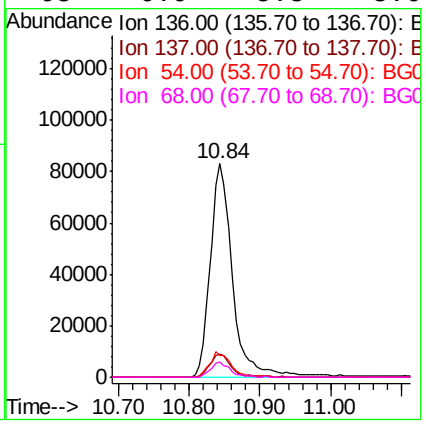


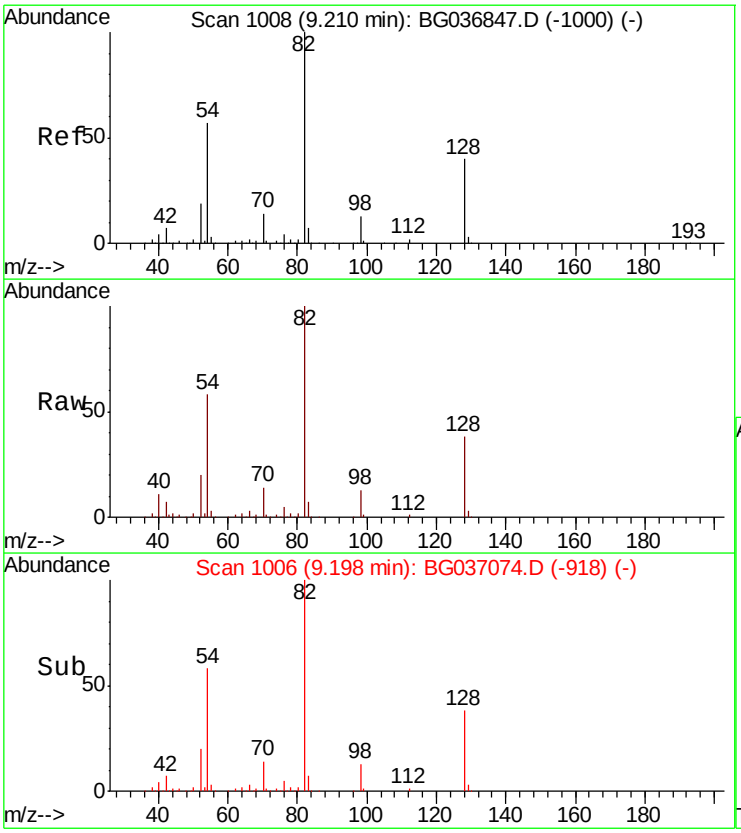
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037074.D
Acq: 29 Sep 2018 7:23

Instrument :
BNA_G
ClientSampleId :
PL-01-092718-B

Tgt Ion:136 Resp: 182875

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.5	9.2	13.8
68	6.9	5.8	8.6

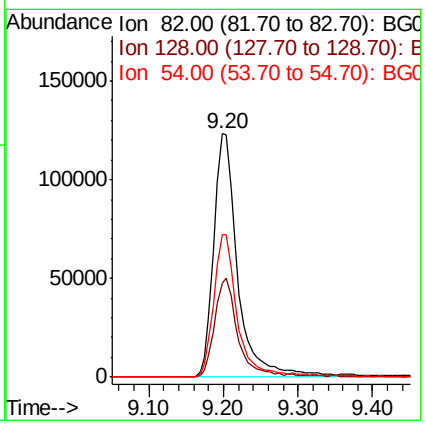


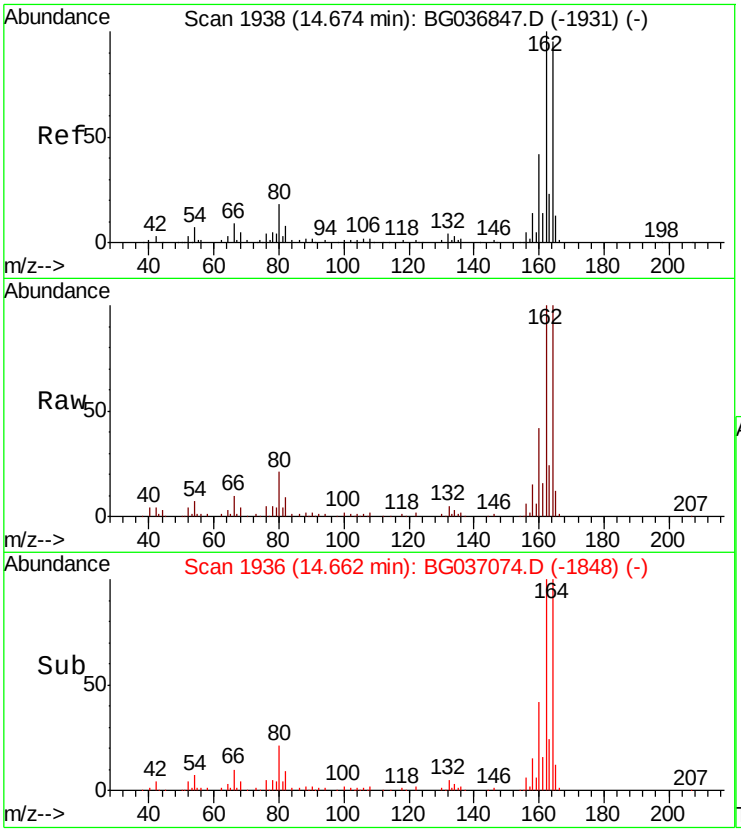


#23
Nitrobenzene-d5
Concen: 80.657 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037074.D
Acq: 29 Sep 2018 7:23

Tgt Ion: 82 Resp: 275440

Ion	Ratio	Lower	Upper
82	100		
128	38.4	33.3	49.9
54	58.4	45.1	67.7



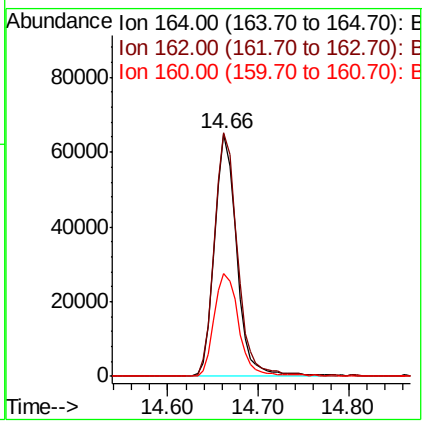


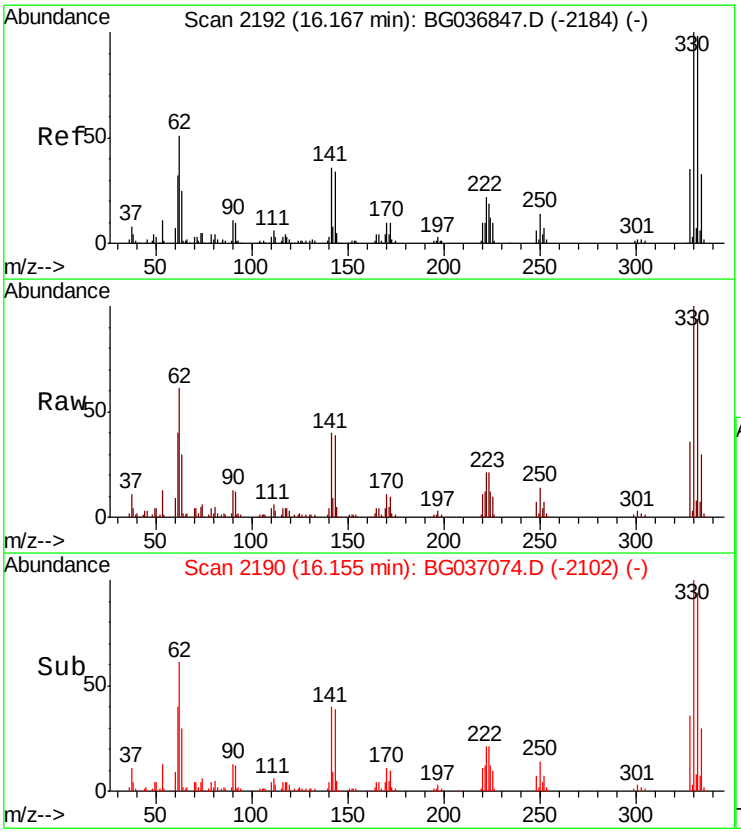
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037074.D
Acq: 29 Sep 2018 7:23

Instrument :
BNA_G
ClientSampleId :
PL-01-092718-B

Tgt Ion:164 Resp: 110173

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.7	121.1
160	42.4	35.3	52.9

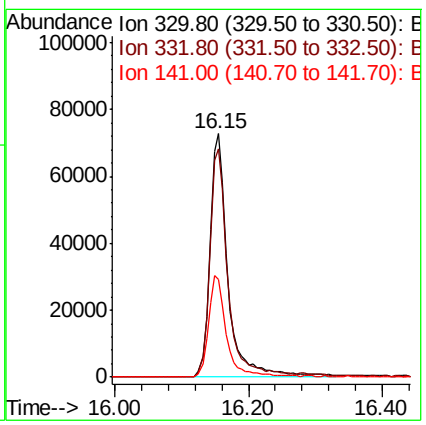


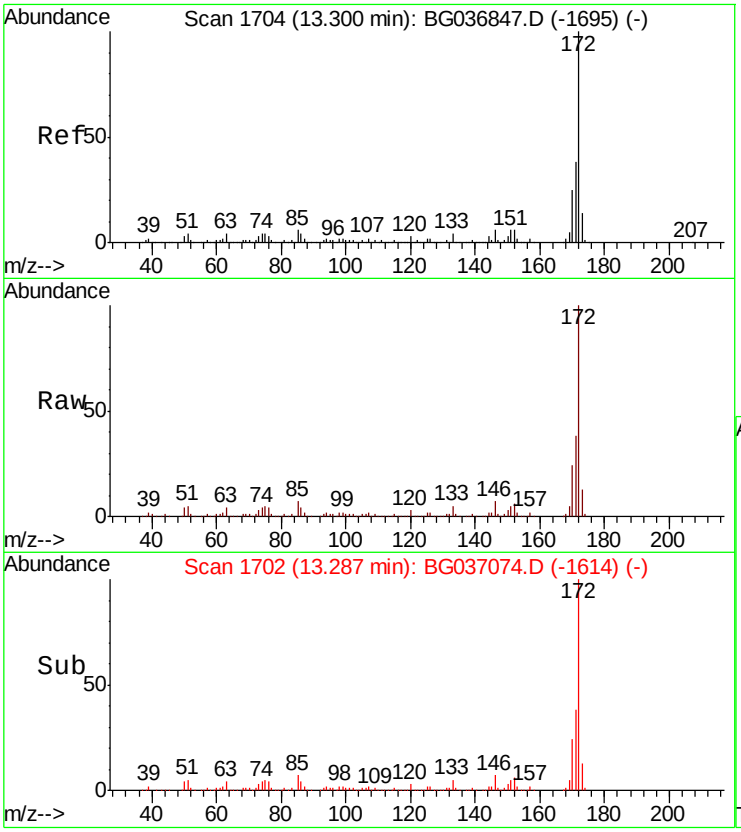


#41
2,4,6-Tribromophenol
Concen: 104.858 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG037074.D
Acq: 29 Sep 2018 7:23

Tgt Ion:330 Resp: 138219

Ion	Ratio	Lower	Upper
330	100		
332	93.6	75.4	113.2
141	41.2	30.7	46.1



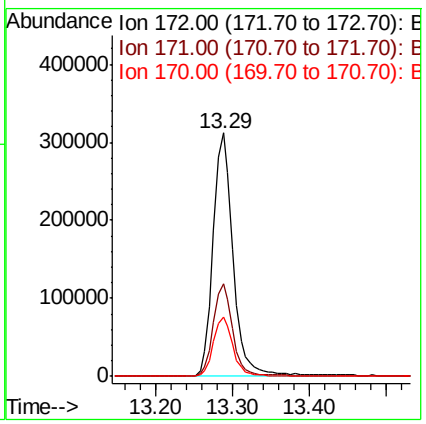


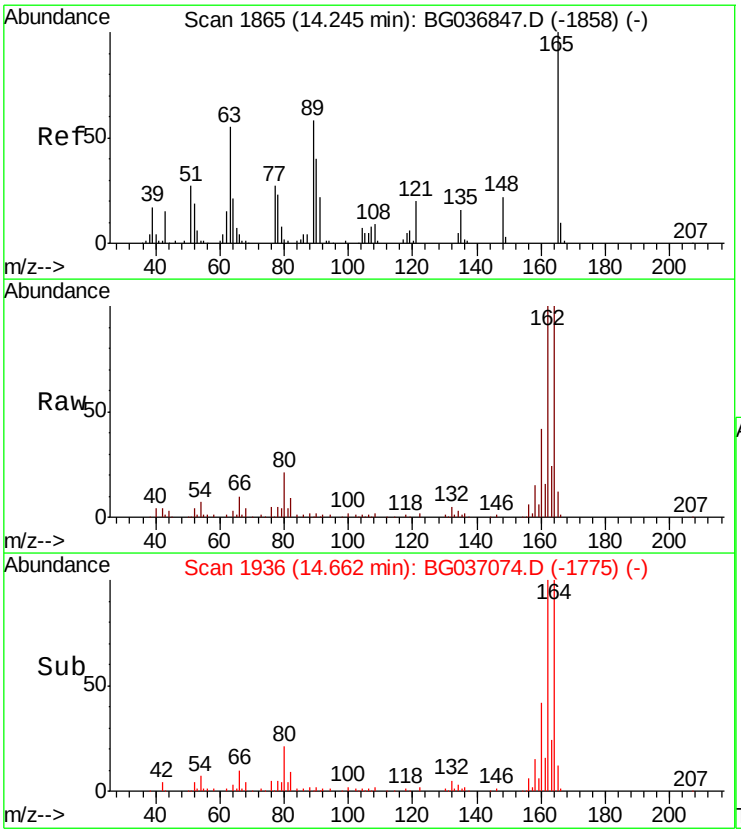
#44
2-Fluorobiphenyl
Concen: 75.761 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037074.D
Acq: 29 Sep 2018 7:23

Instrument :
BNA_G
ClientSampleId :
PL-01-092718-B

Tgt Ion:172 Resp: 560415

Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	24.4	21.0	31.6

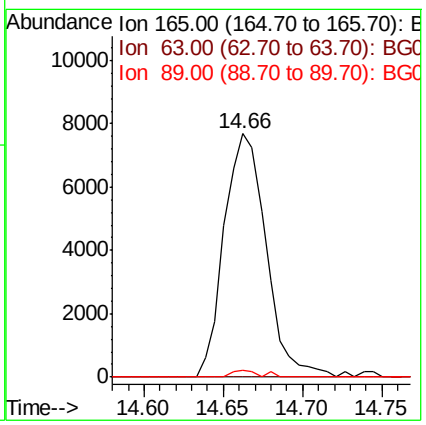


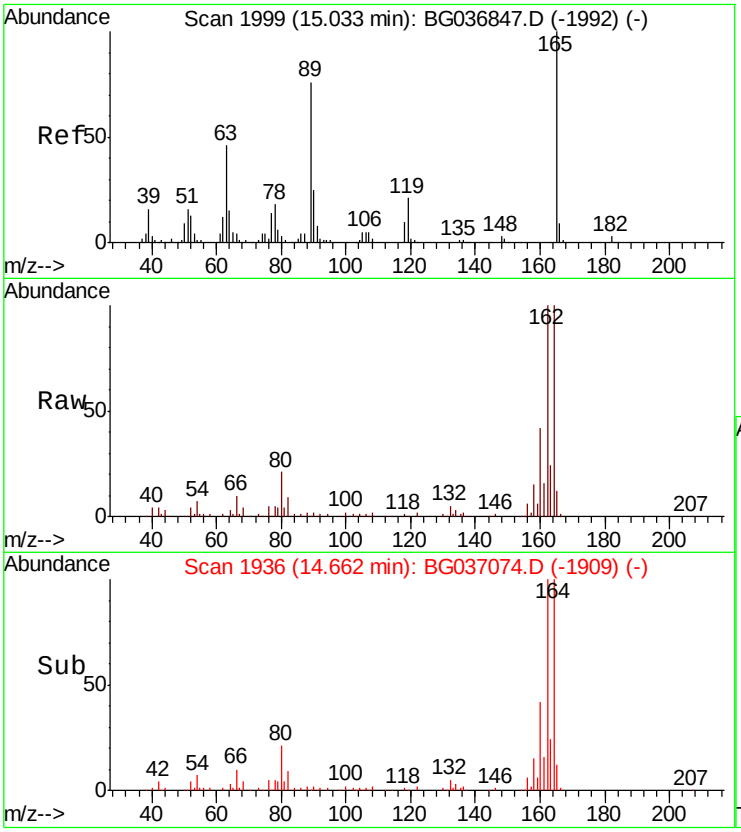


#50
2,6-Dinitrotoluene
Concen: 7.275 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.42 min
Lab File: BG037074.D
Acq: 29 Sep 2018 7:23

Tgt Ion:165 Resp: 14077

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	2.7	47.8	71.6#



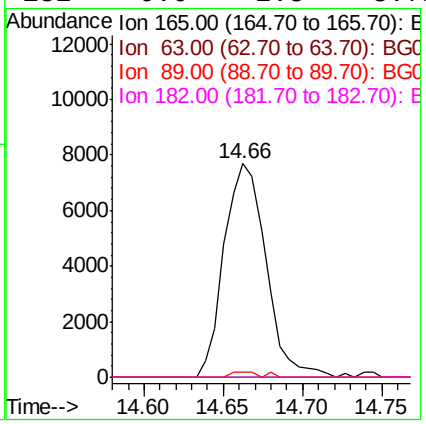


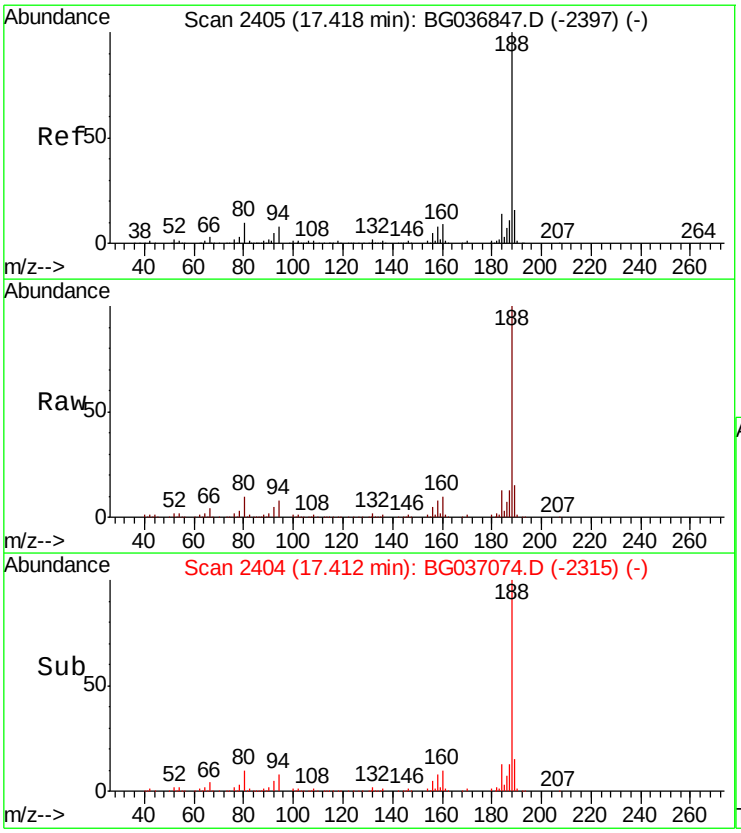
#56
2,4-Dinitrotoluene
Concen: 5.214 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037074.D
Acq: 29 Sep 2018 7:23

Instrument :
BNA_G
ClientSampleId :
PL-01-092718-B

Tgt Ion:165 Resp: 14077

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

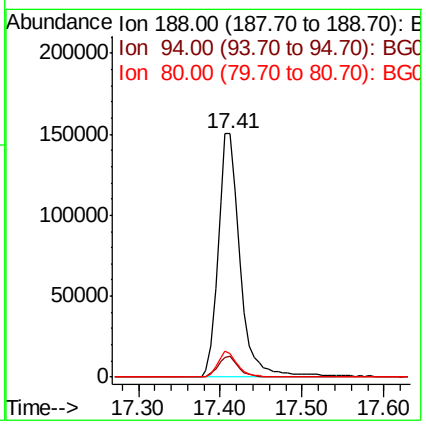


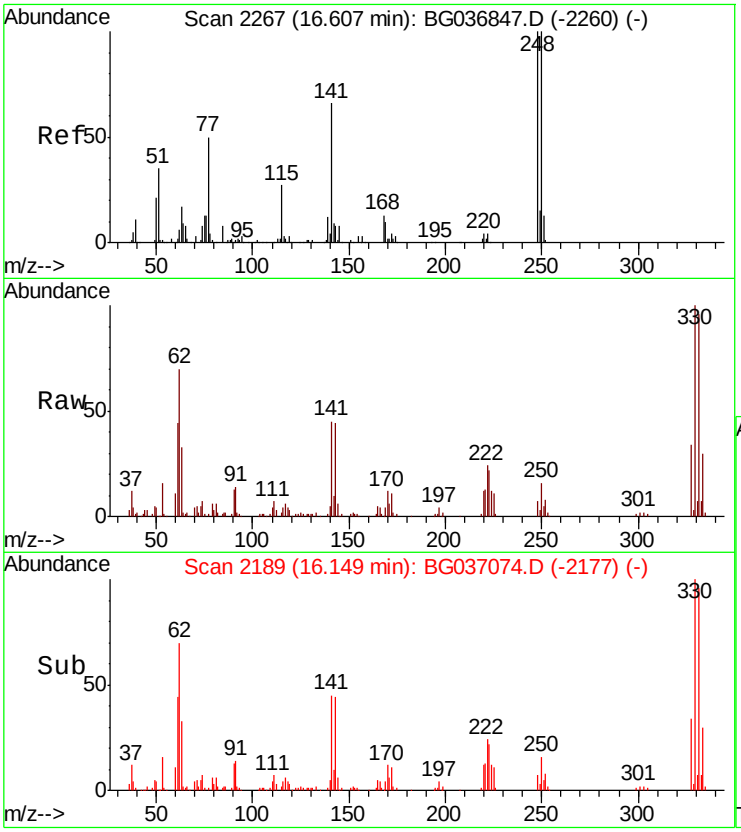


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037074.D
Acq: 29 Sep 2018 7:23

Tgt Ion:188 Resp: 279123

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.8	8.1	12.1



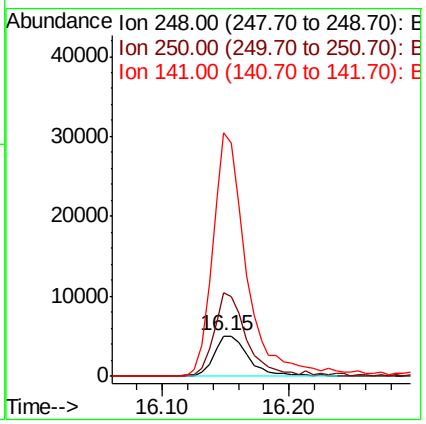


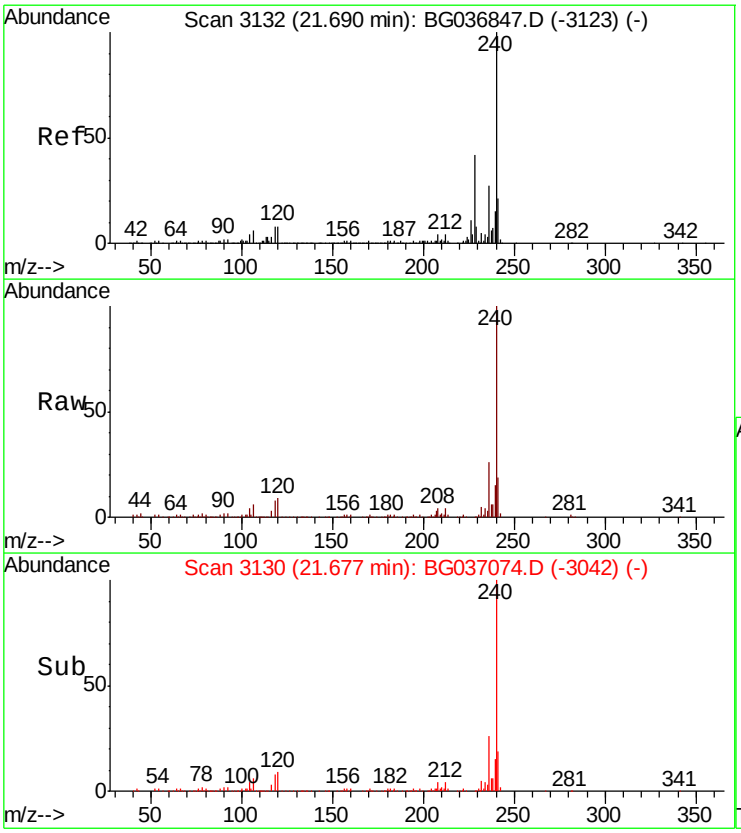
#66
4-Bromophenyl-phenylether
Concen: 3.008 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.46 min
Lab File: BG037074.D
Acq: 29 Sep 2018 7:23

Instrument :
BNA_G
ClientSampleId :
PL-01-092718-B

Tgt Ion:248 Resp: 9550

Ion	Ratio	Lower	Upper
248	100		
250	209.4	78.1	117.1#
141	605.8	53.7	80.5#

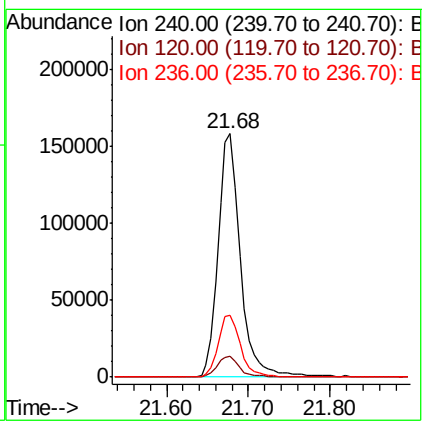


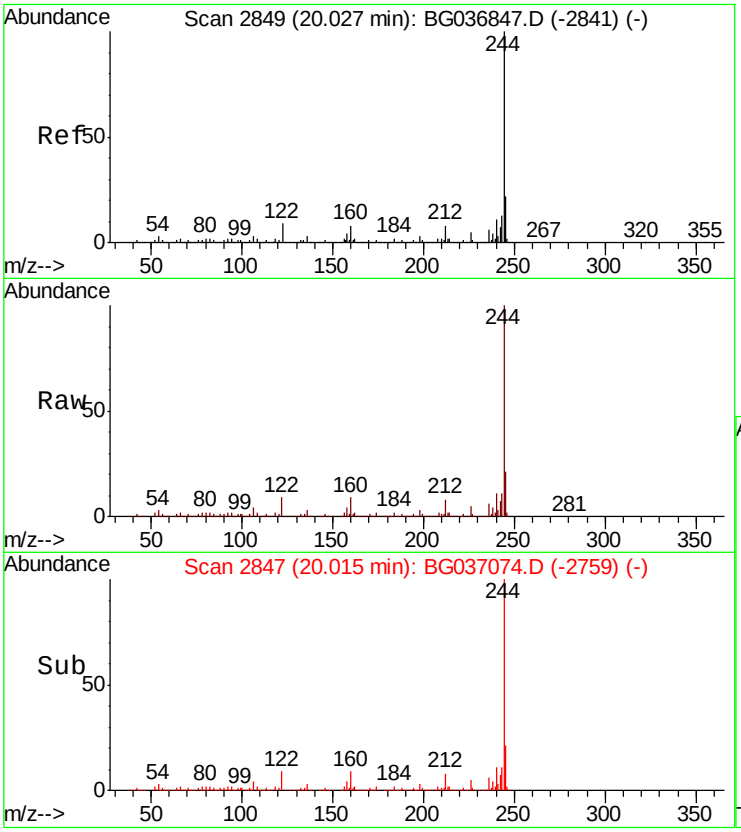


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037074.D
Acq: 29 Sep 2018 7:23

Tgt Ion:240 Resp: 301017

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.9	10.3
236	25.5	21.2	31.8



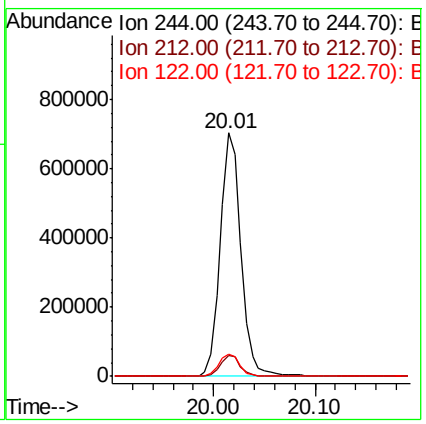


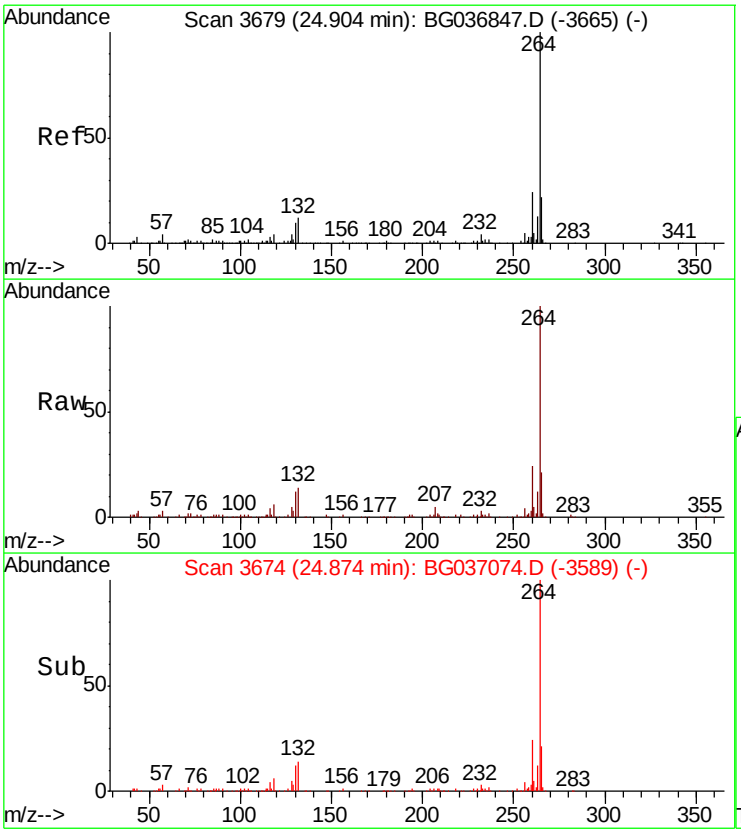
#78
Terphenyl-d14
Concen: 87.462 ng
RT: 20.01 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037074.D
Acq: 29 Sep 2018 7:23

Instrument :
BNA_G
ClientSampleId :
PL-01-092718-B

Tgt Ion:244 Resp: 1001240

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	9.3	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037074.D
Acq: 29 Sep 2018 7:23

Tgt Ion:264 Resp: 291891

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.1	17.4	26.0