Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092818\
Data File : BG037068.D
Acq On : 29 Sep 2018 2:51
Operator : JU/SJ
Sample : PB113333BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113333BL

Quant Time: Sep 29 06:14:52 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	41200	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	168817	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	105061	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	267655	20.00	ng	0.00
75) Chrysene-d12	21.67	240	281782	20.00	ng	-0.02
86) Perylene-d12	24.88	264	271866	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	289764	134.88	ng	0.00
7) Phenol-d6	7.20	99	392292	118.02	ng	0.00
23) Nitrobenzene-d5	9.20	82	261546	82.97	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	142593	113.44	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	558373	79.16	ng	0.00
78) Terphenyl-d14	20.02	244	970522	90.57	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	34554	12.497	ng	# 75
50) 2,6-Dinitrotoluene	14.66	165	12781	6.927	ng	# 21
56) 2,4-Dinitrotoluene	14.66	165	12781	4.964	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	9938	3.264	ng	# 1

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

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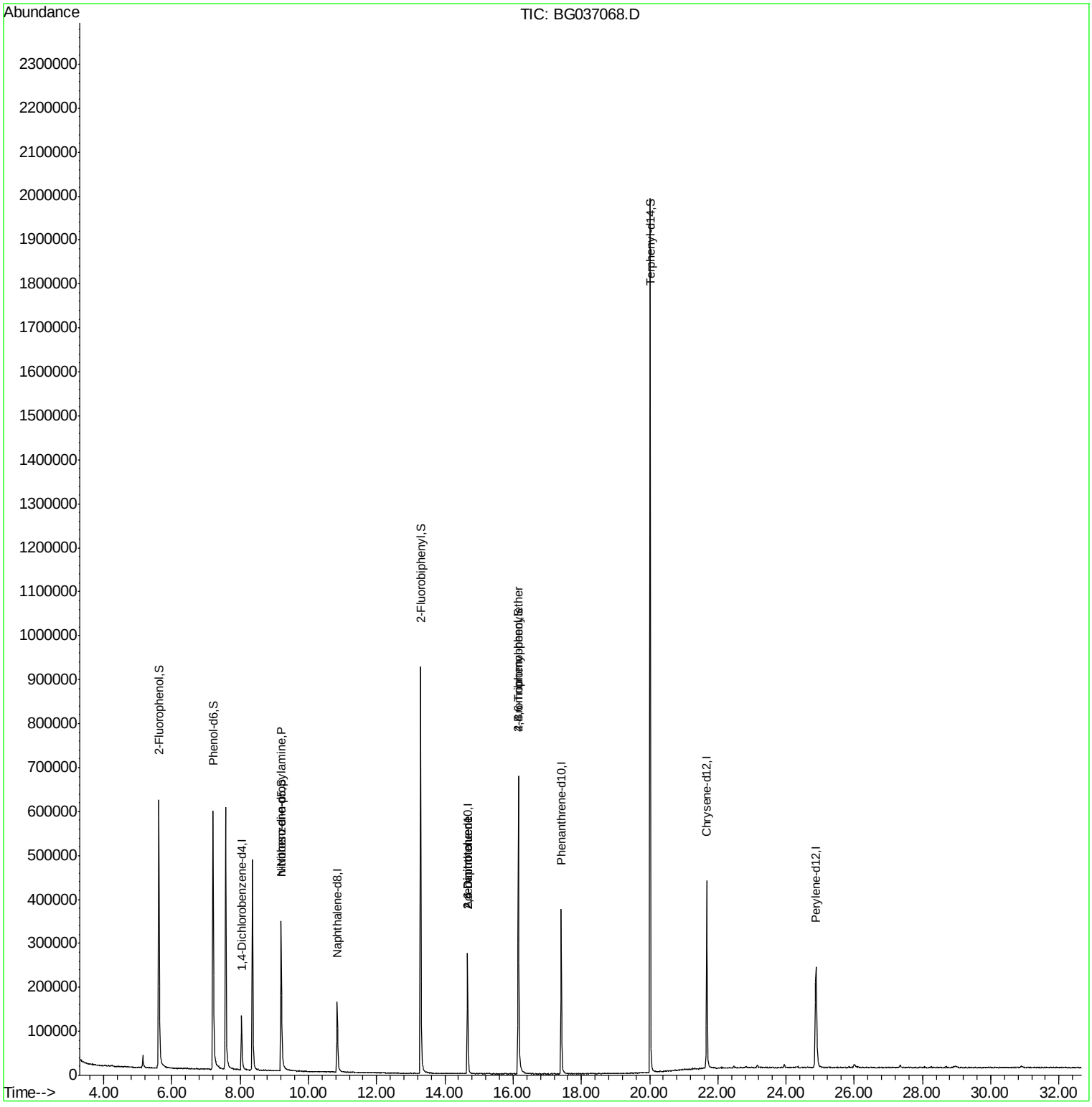
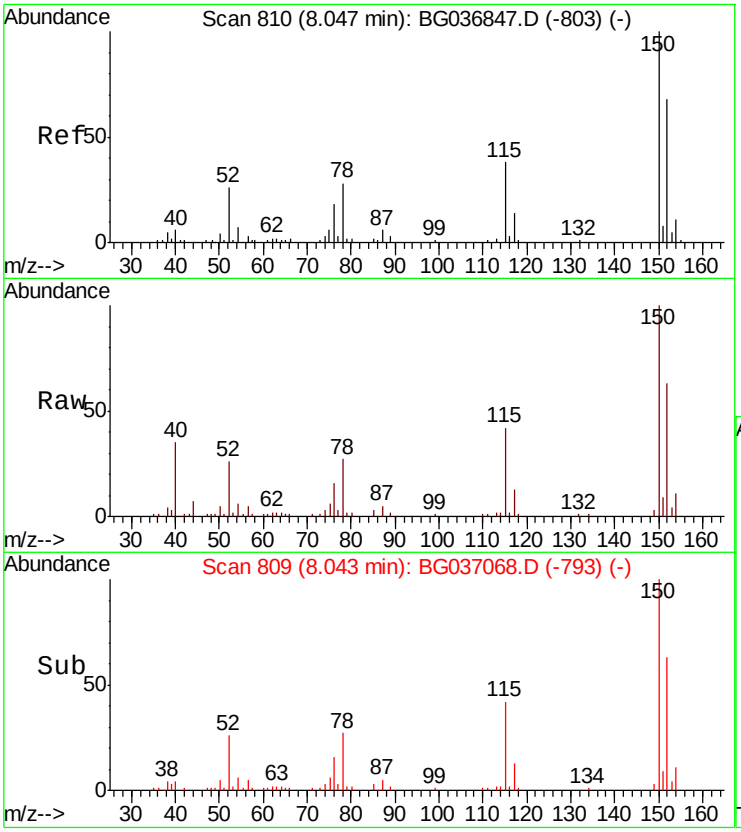


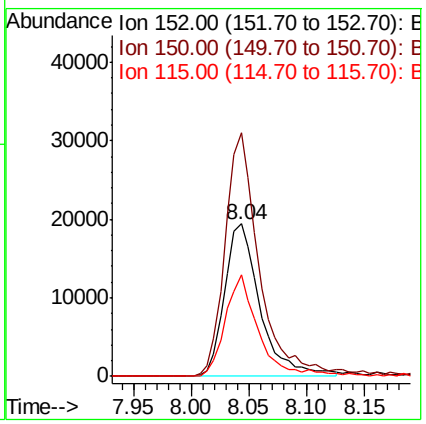


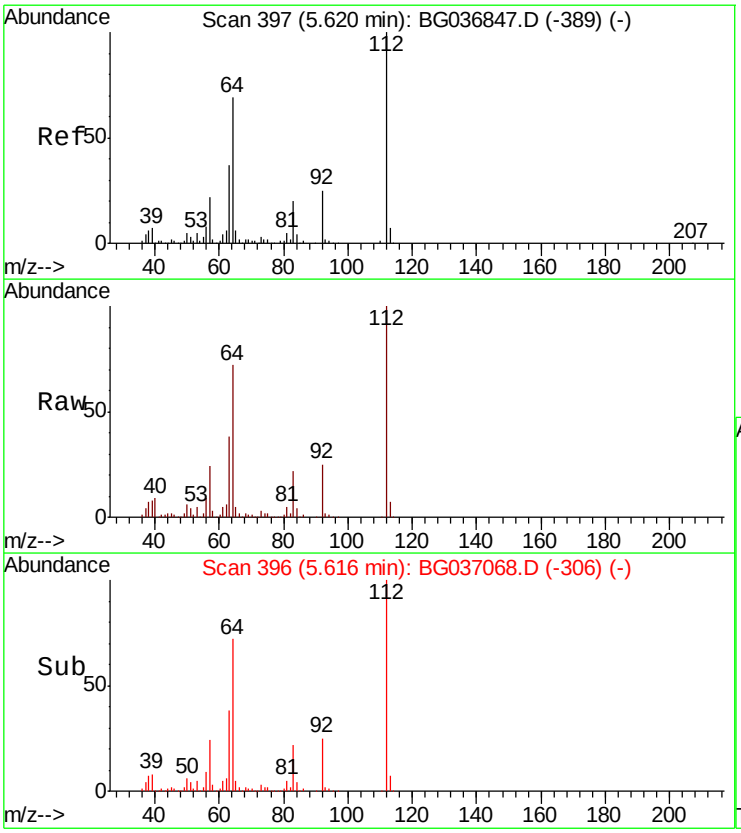
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

Instrument :
BNA_G
ClientSampleId :
PB113333BL

Tgt Ion:152 Resp: 41200

Ion	Ratio	Lower	Upper
152	100		
150	159.8	119.5	179.3
115	66.7	44.5	66.7

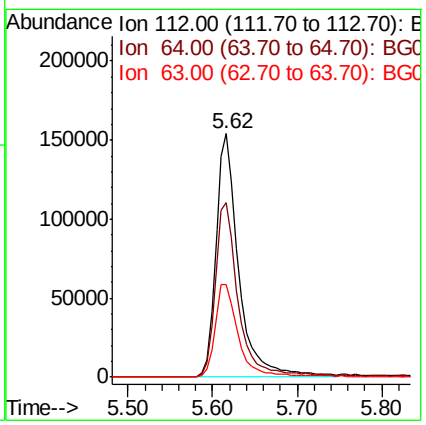


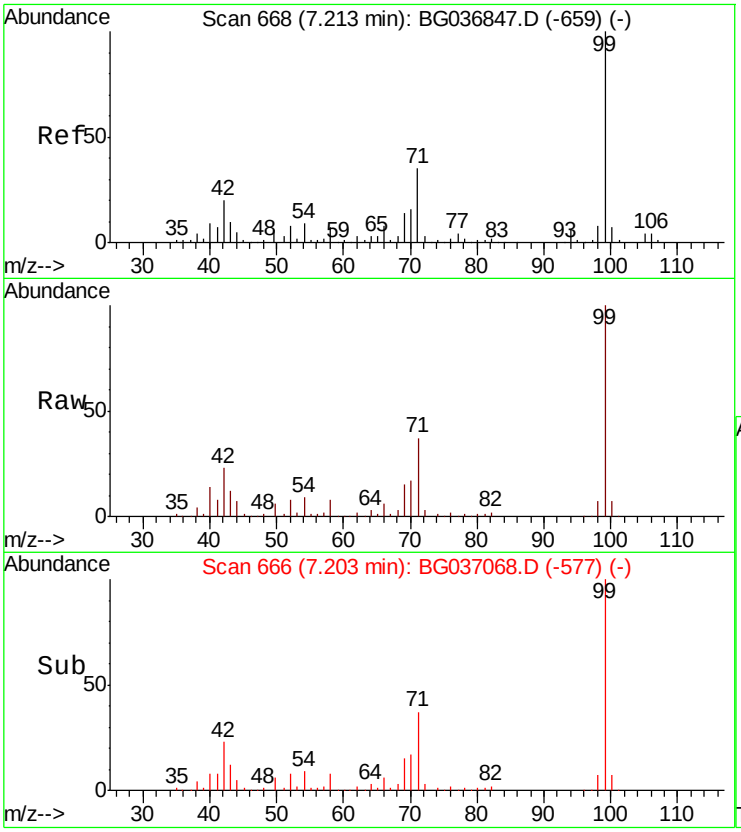


#5
2-Fluorophenol
Concen: 134.880 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

Tgt Ion:112 Resp: 289764

Ion	Ratio	Lower	Upper
112	100		
64	71.9	57.2	85.8
63	38.2	30.8	46.2



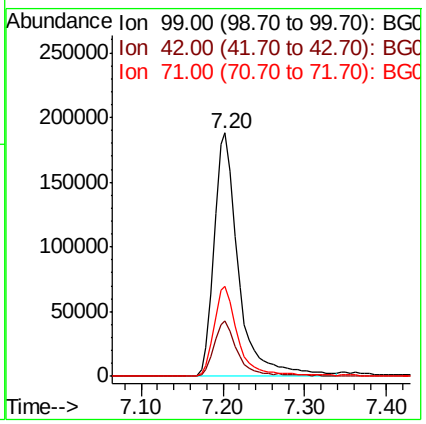


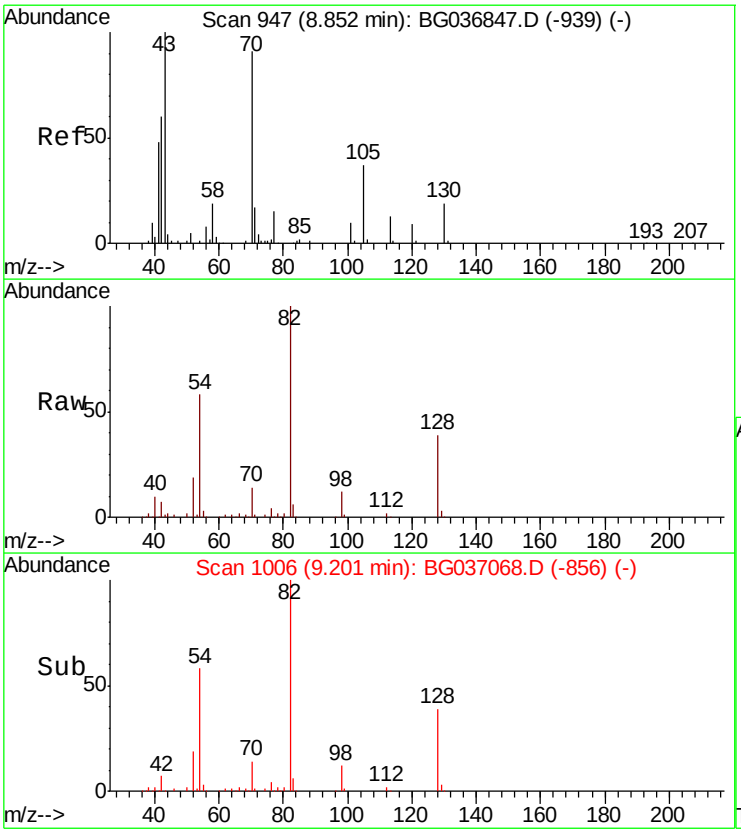
#7
Phenol-d6
Concen: 118.025 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

Instrument :
BNA_G
ClientSampleId :
PB113333BL

Tgt Ion: 99 Resp: 392292

Ion	Ratio	Lower	Upper
99	100		
42	22.6	16.5	24.7
71	37.2	29.4	44.2

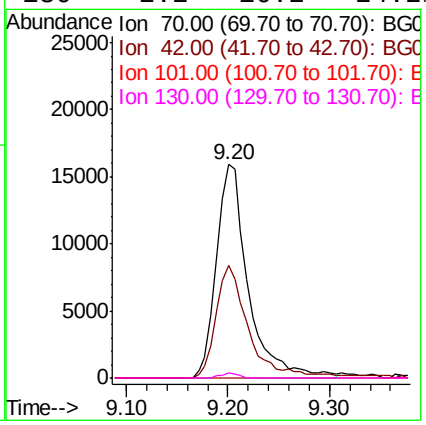


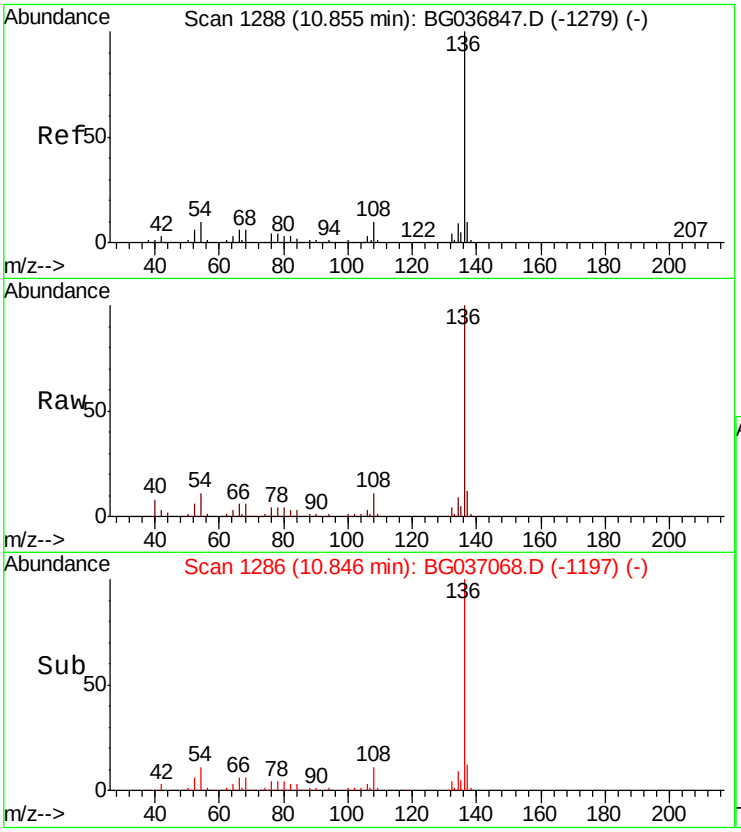


#19
n-Nitroso-di-n-propylamine
Concen: 12.497 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.35 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

Tgt Ion: 70 Resp: 34554

Ion	Ratio	Lower	Upper
70	100		
42	53.0	56.2	84.4#
101	0.0	7.8	11.6#
130	2.2	16.2	24.2#



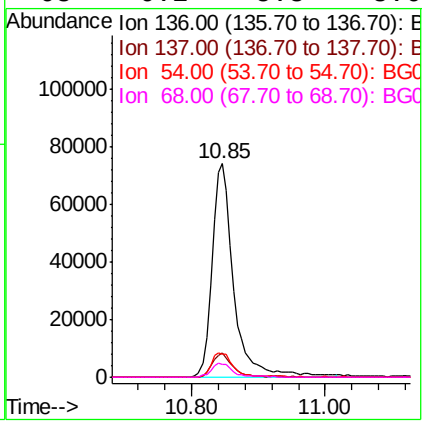


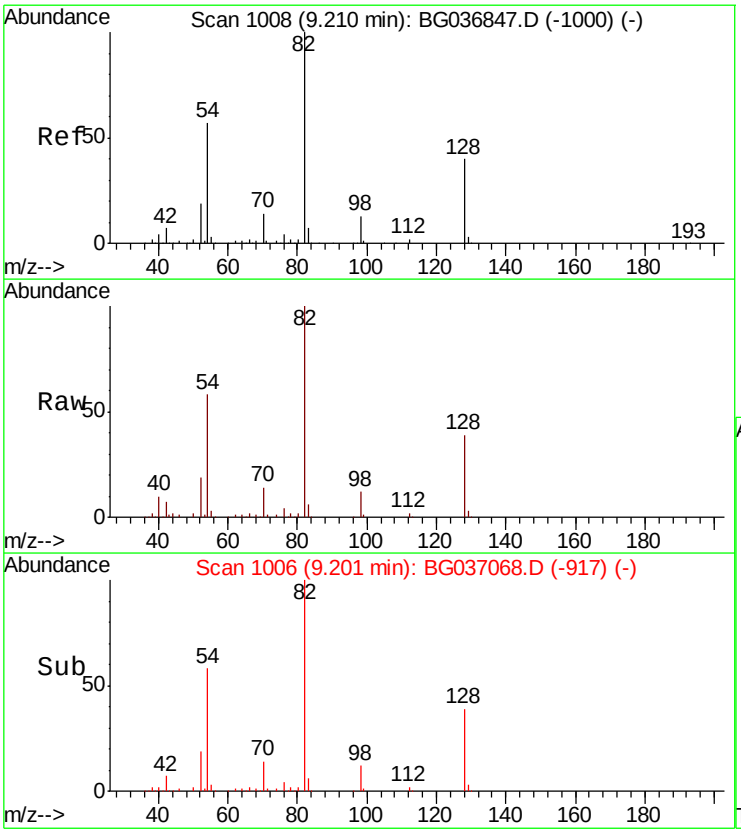
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

Instrument :
BNA_G
ClientSampleId :
PB113333BL

Tgt Ion:136 Resp: 168817

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	11.0	9.2	13.8
68	6.2	5.8	8.6

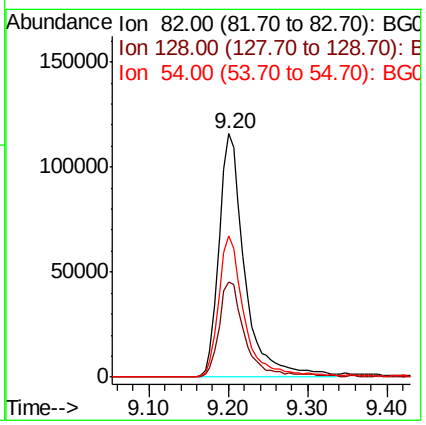


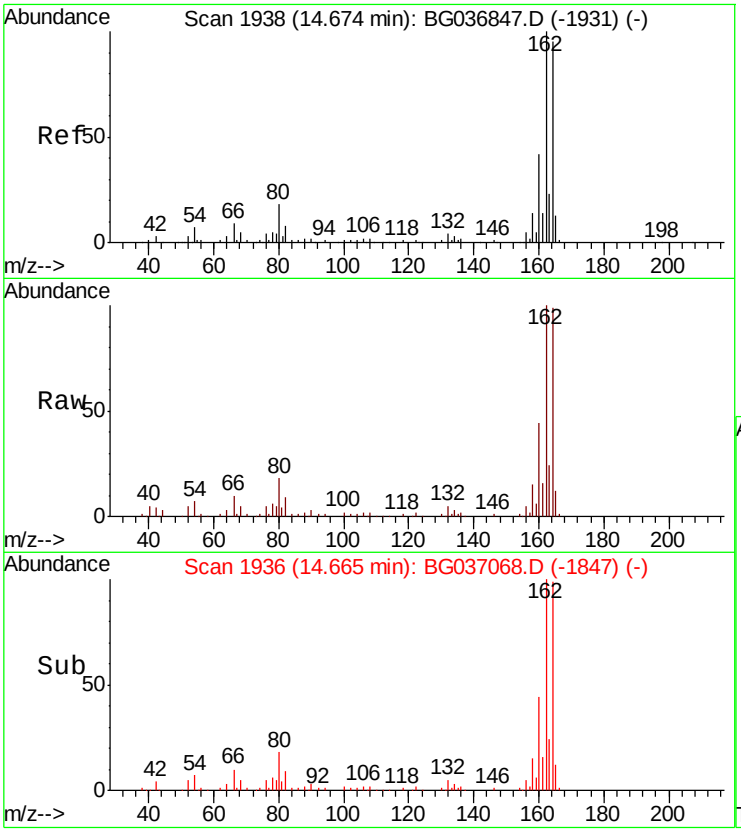


#23
Nitrobenzene-d5
Concen: 82.966 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

Tgt Ion: 82 Resp: 261546

Ion	Ratio	Lower	Upper
82	100		
128	39.2	33.3	49.9
54	58.0	45.1	67.7



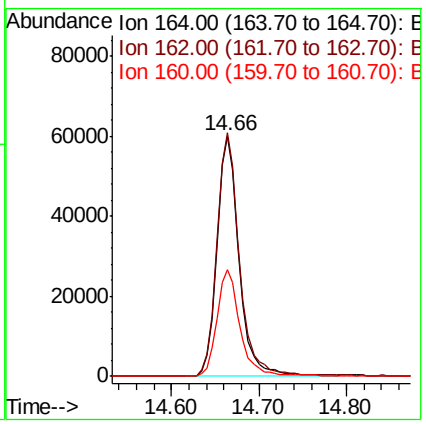


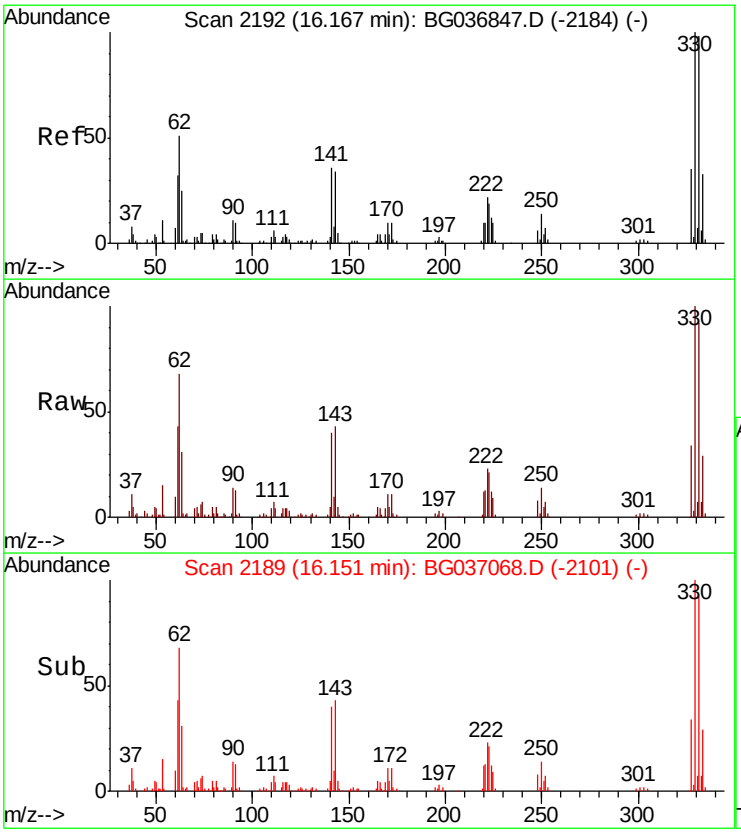
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

Instrument :
BNA_G
ClientSampleId :
PB113333BL

Tgt Ion:164 Resp: 105061

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.7	121.1
160	44.3	35.3	52.9

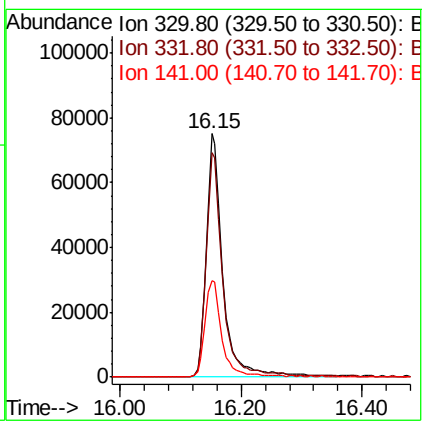


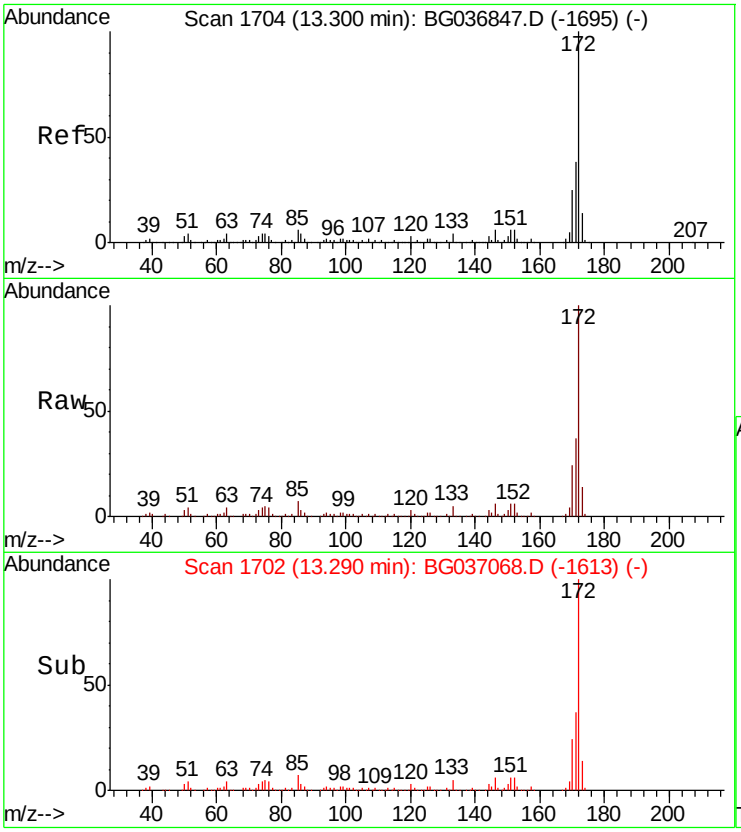


#41
2,4,6-Tribromophenol
Concen: 113.440 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

Tgt Ion:330 Resp: 142593

Ion	Ratio	Lower	Upper
330	100		
332	92.6	75.4	113.2
141	40.3	30.7	46.1



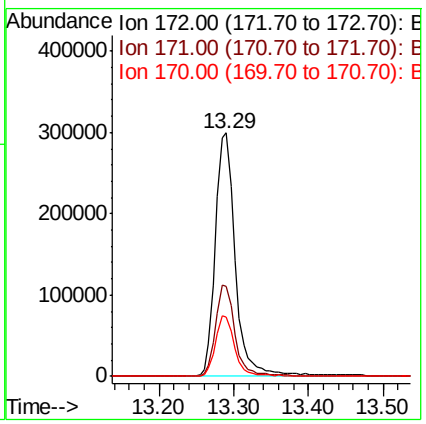


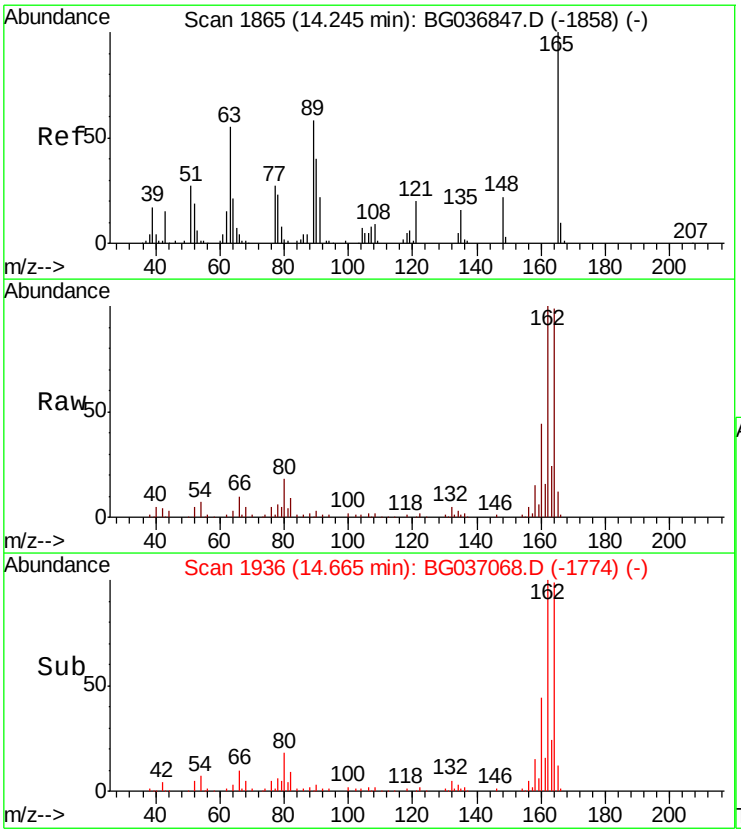
#44
2-Fluorobiphenyl
Concen: 79.157 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

Instrument :
BNA_G
ClientSampleId :
PB113333BL

Tgt Ion:172 Resp: 558373

Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.3	46.9
170	24.5	21.0	31.6

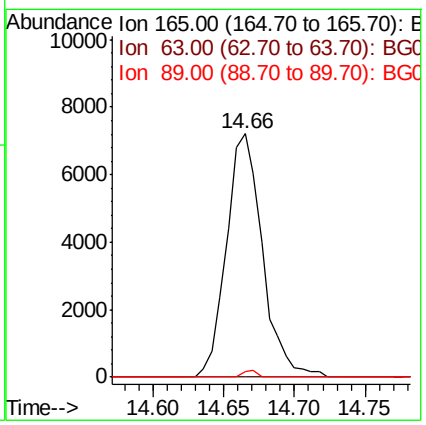


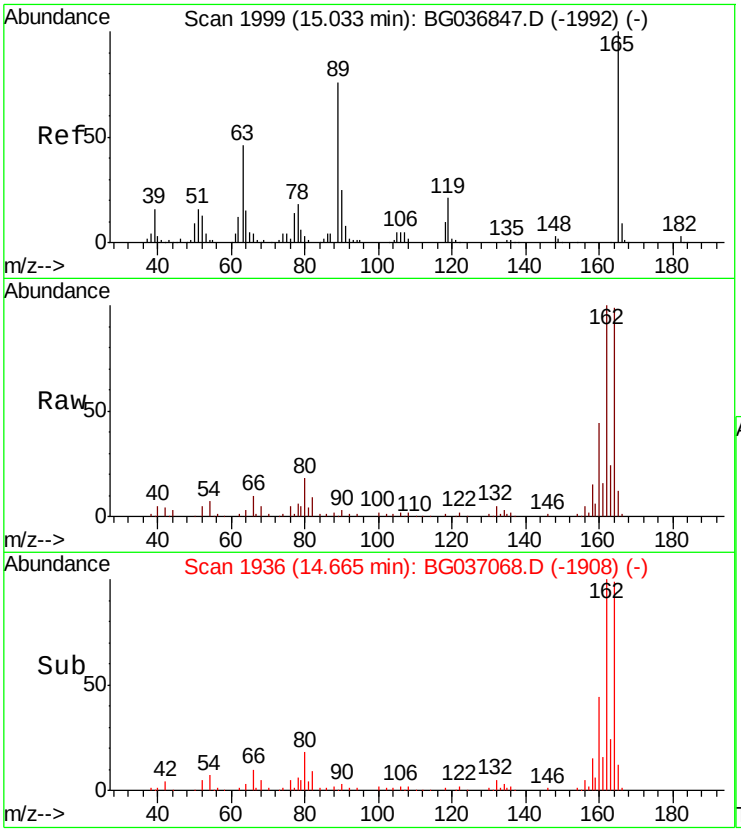


#50
2,6-Dinitrotoluene
Concen: 6.927 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.42 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

Tgt Ion:165 Resp: 12781

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	2.1	47.8	71.6#



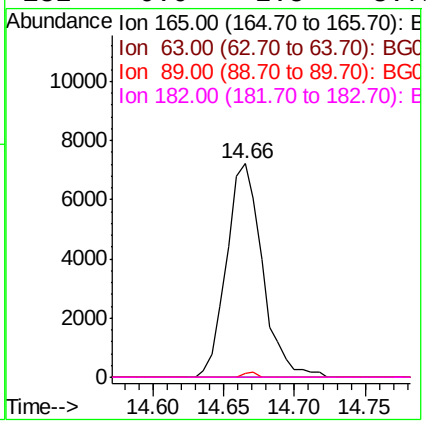


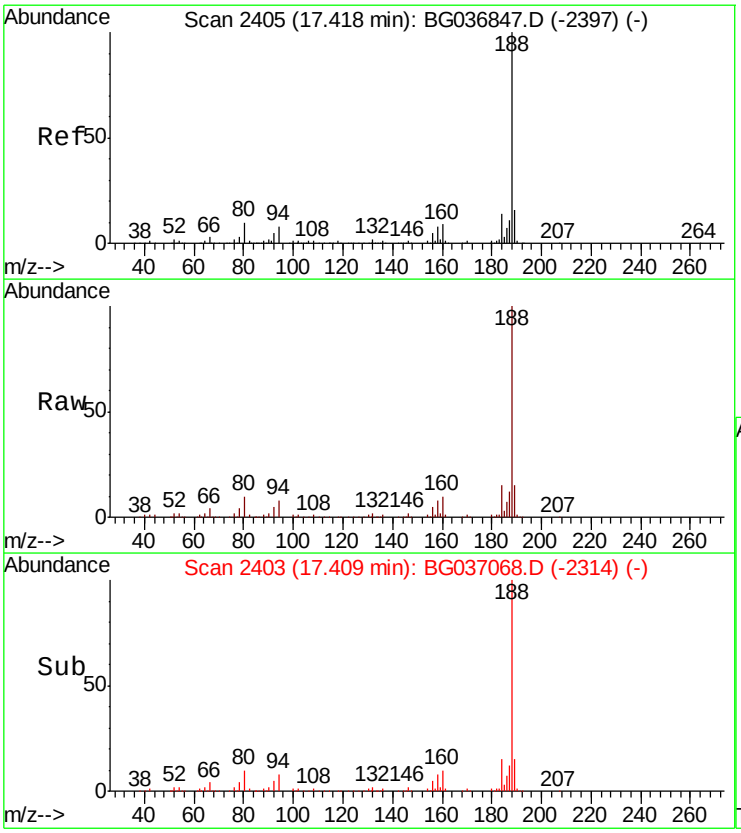
#56
2,4-Dinitrotoluene
Concen: 4.964 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

Instrument :
BNA_G
ClientSampleId :
PB113333BL

Tgt Ion:165 Resp: 12781

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.1	63.7	95.5#
182	0.0	2.5	3.7#

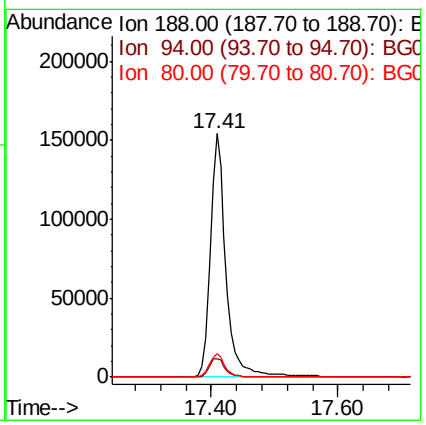


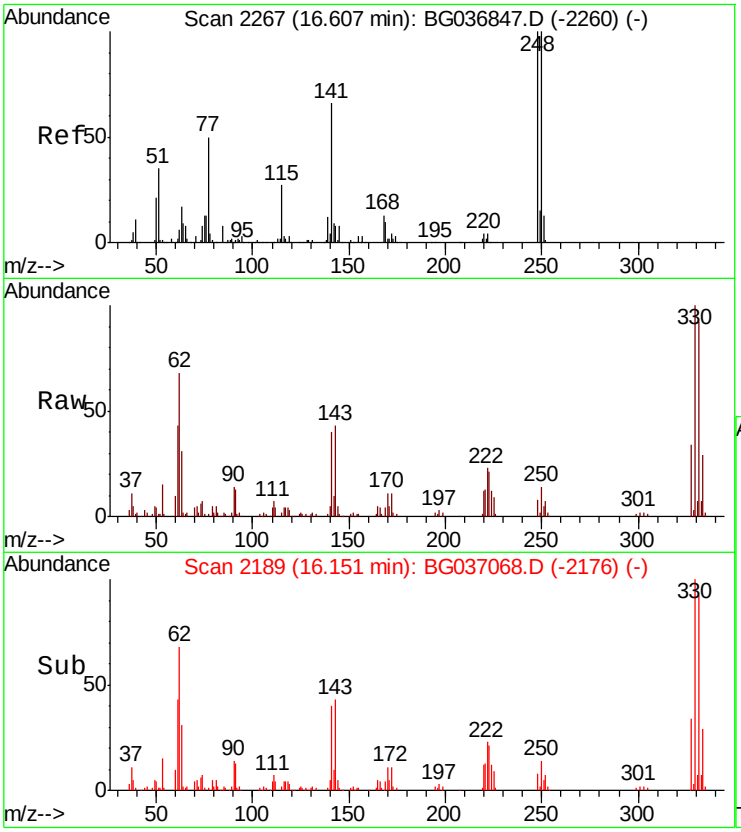


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

Tgt Ion:188 Resp: 267655

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	9.7	8.1	12.1



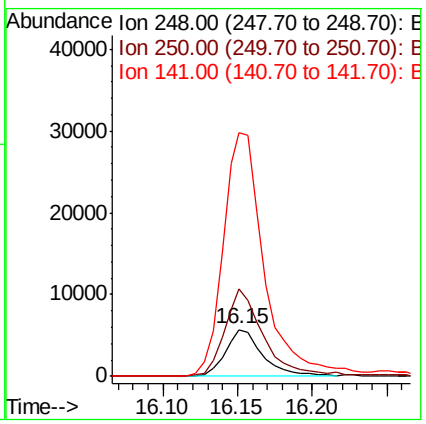


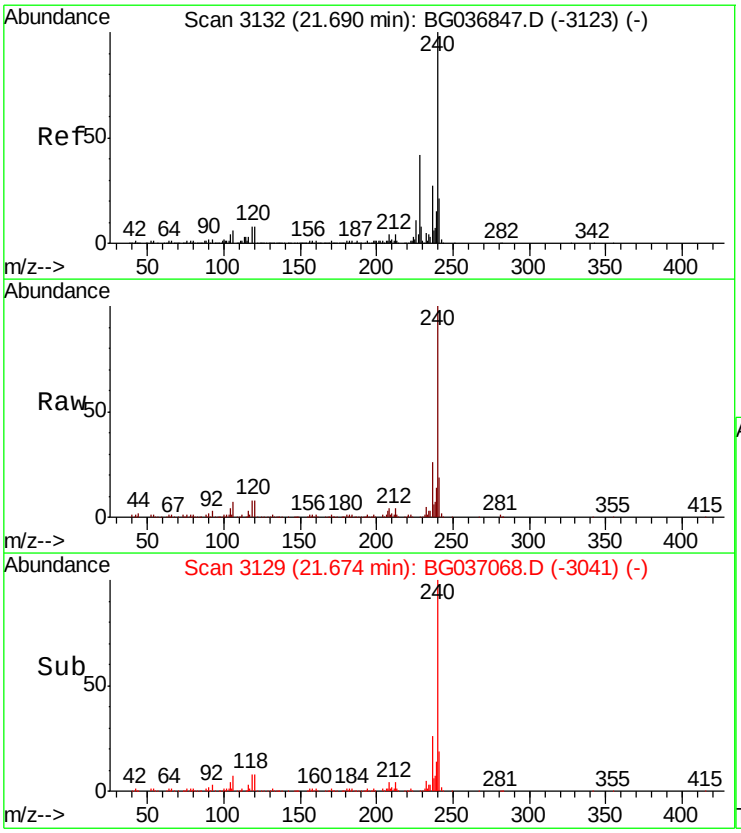
#66
4-Bromophenyl-phenylether
Concen: 3.264 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.46 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

Instrument :
BNA_G
ClientSampleId :
PB113333BL

Tgt Ion:248 Resp: 9938

Ion	Ratio	Lower	Upper
248	100		
250	187.1	78.1	117.1#
141	518.5	53.7	80.5#

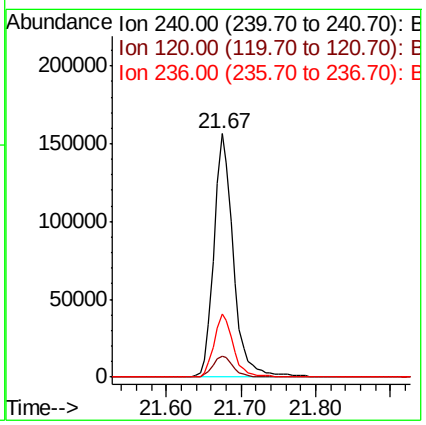


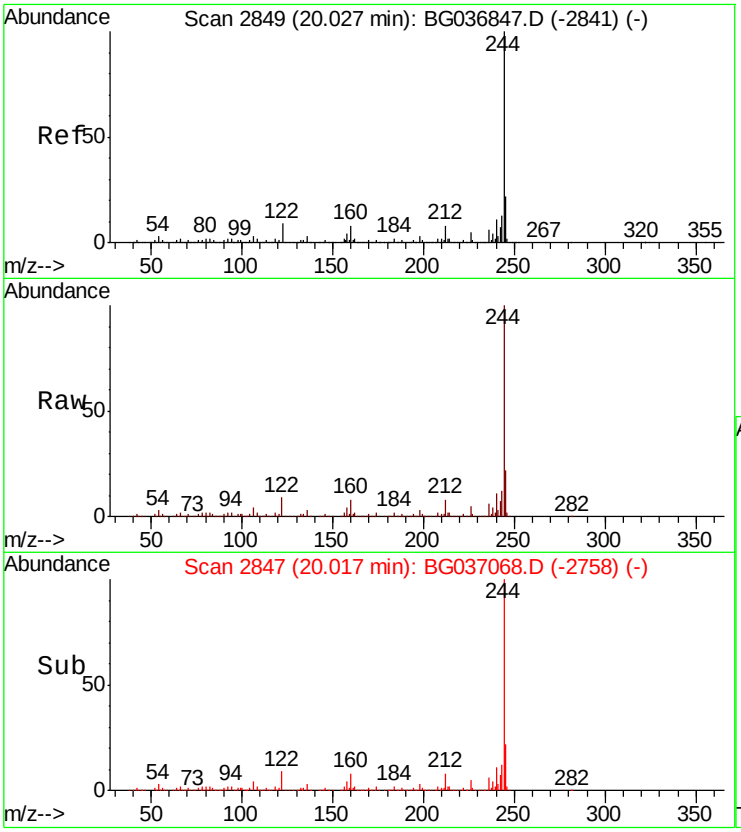


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

Tgt Ion:240 Resp: 281782

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.9	10.3
236	25.8	21.2	31.8



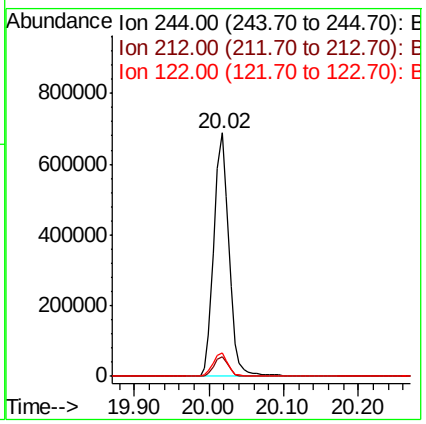


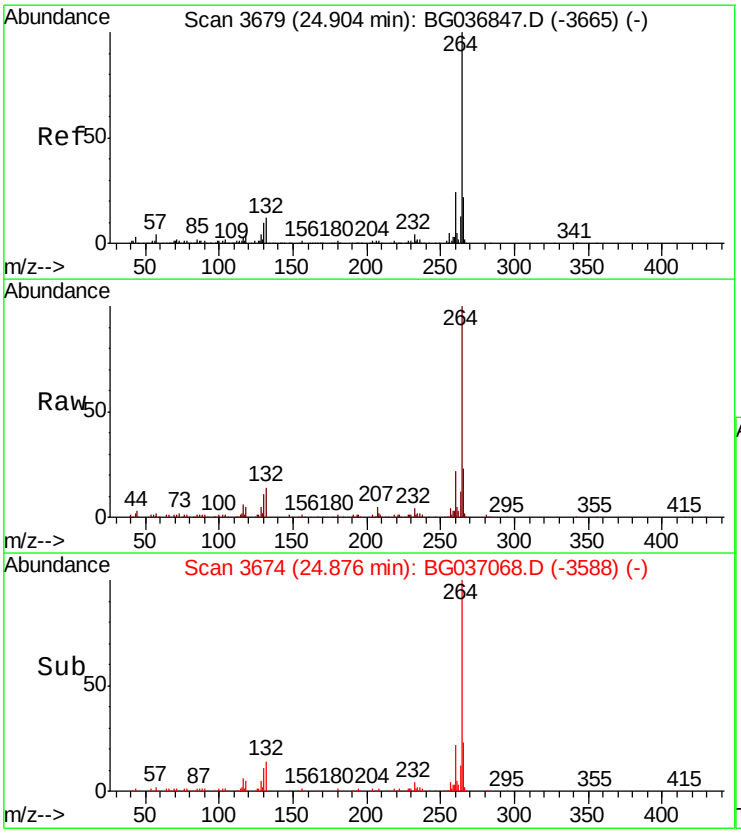
#78
Terphenyl-d14
Concen: 90.566 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

Instrument :
BNA_G
ClientSampleId :
PB113333BL

Tgt Ion:244 Resp: 970522

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.6
122	9.5	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

Tgt Ion:264 Resp: 271866

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.6	29.4
265	22.9	17.4	26.0