Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092718\
Data File : BG037030.D
Acq On : 28 Sep 2018 1:05
Operator : JU/SJ
Sample : J5097-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Time: Sep 28 04:25:09 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	42813	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	162409	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	102735	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	271797	20.00	ng		0.00
75) Chrysene-d12	21.67	240	320382	20.00	ng		-0.02
86) Perylene-d12	24.88	264	311238	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	270630	121.23	ng		0.00
7) Phenol-d6	7.20	99	313807	90.85	ng		0.00
23) Nitrobenzene-d5	9.20	82	275689	90.90	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	156802	127.57	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	565527	81.99	ng		0.00
78) Terphenyl-d14	20.02	244	1136602	93.29	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	36697	12.772	ng	#	71
31) Naphthalene	10.89	128	21505	2.783	ng		97
50) 2,6-Dinitrotoluene	14.66	165	12596	6.981	ng	#	23
56) 2,4-Dinitrotoluene	14.66	165	12596	5.003	ng	#	21
66) 4-Bromophenyl-phenylether	16.16	248	11017	3.564	ng	#	1
76) Benzidine	20.02	184	20030	2.068	ng	#	94

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

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QLast Update : Mon Sep 24 10:41:23 2018
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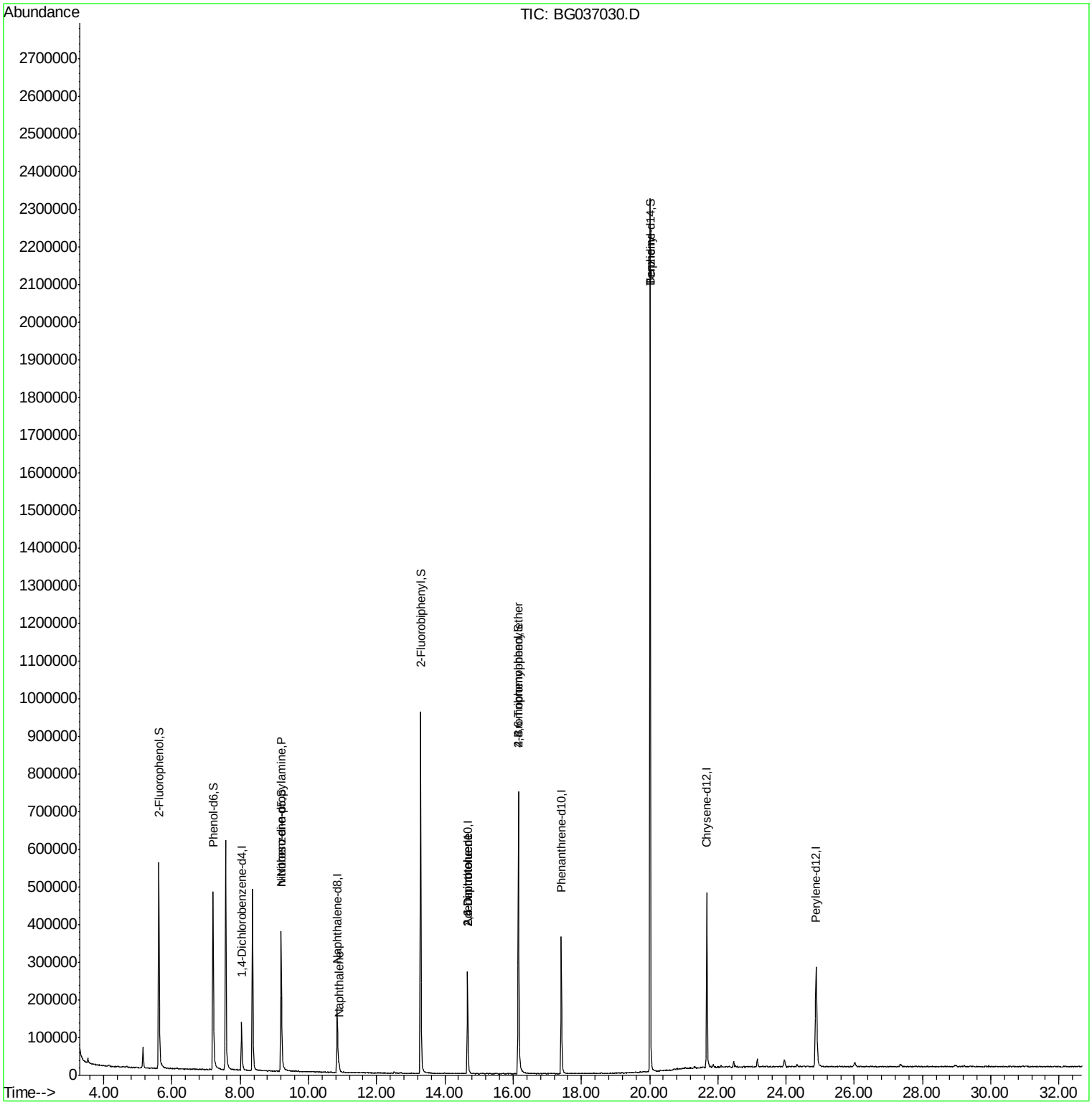
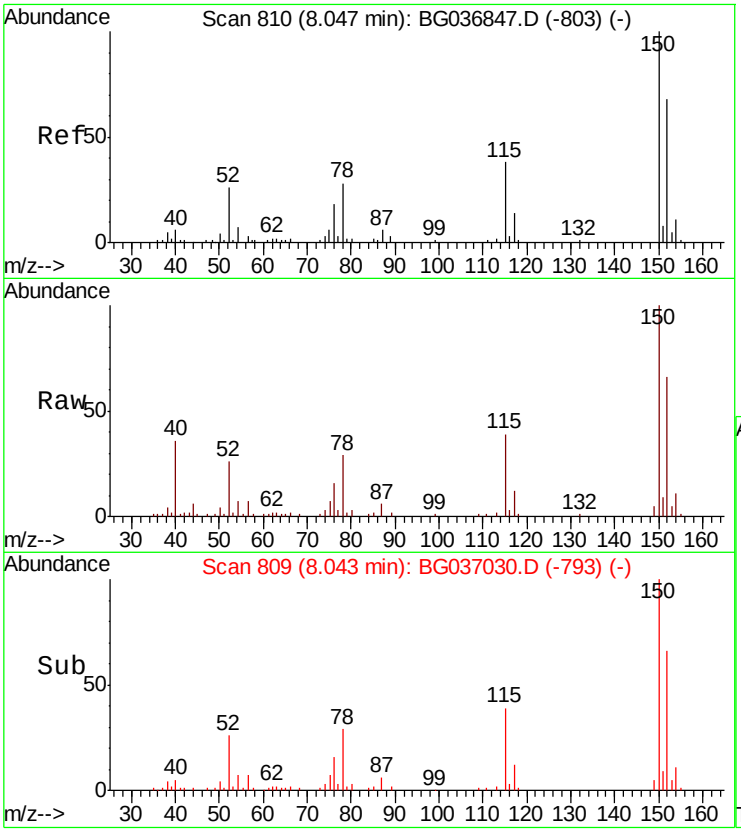


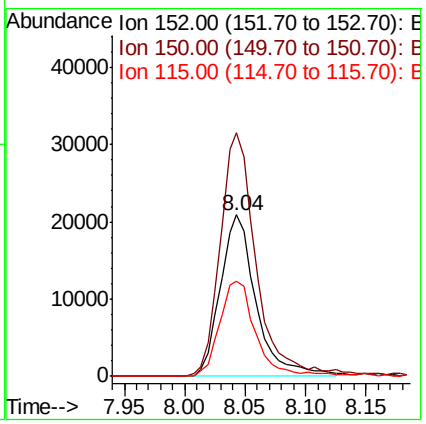


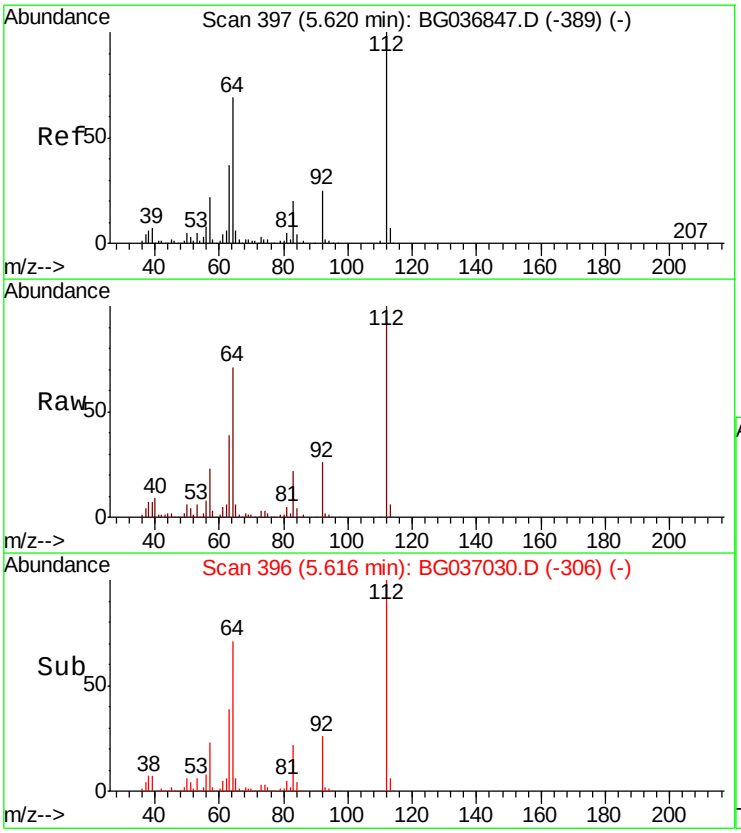
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 42813

Ion	Ratio	Lower	Upper
152	100		
150	151.0	119.5	179.3
115	59.3	44.5	66.7

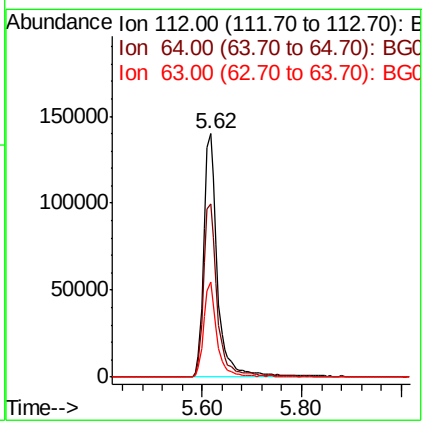


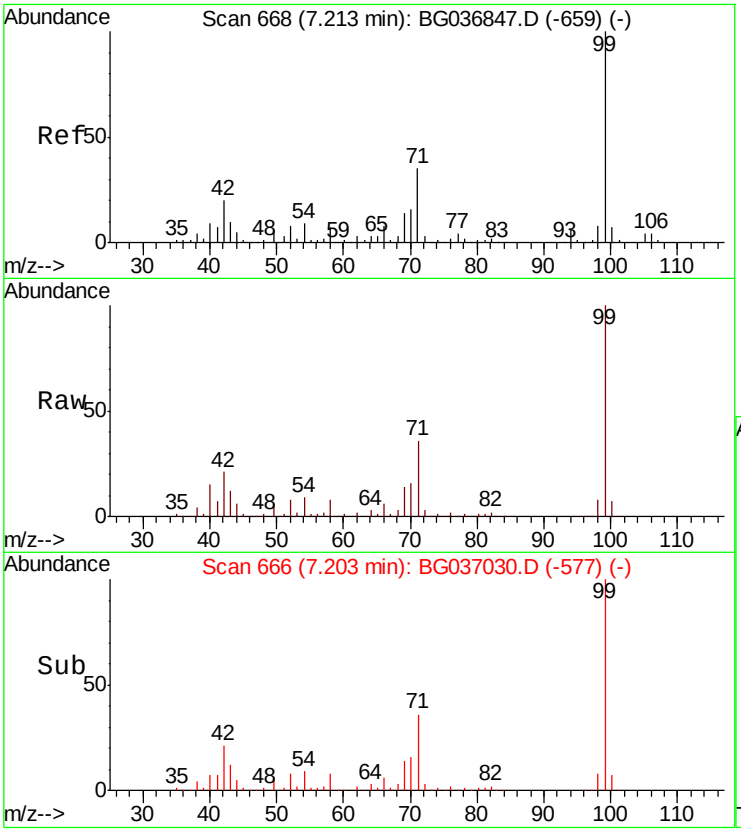


#5
2-Fluorophenol
Concen: 121.227 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

Tgt Ion:112 Resp: 270630

Ion	Ratio	Lower	Upper
112	100		
64	71.3	57.2	85.8
63	38.9	30.8	46.2



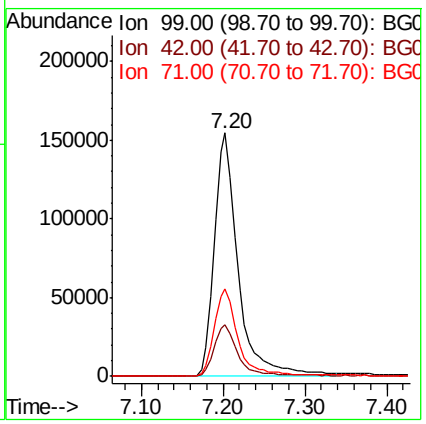


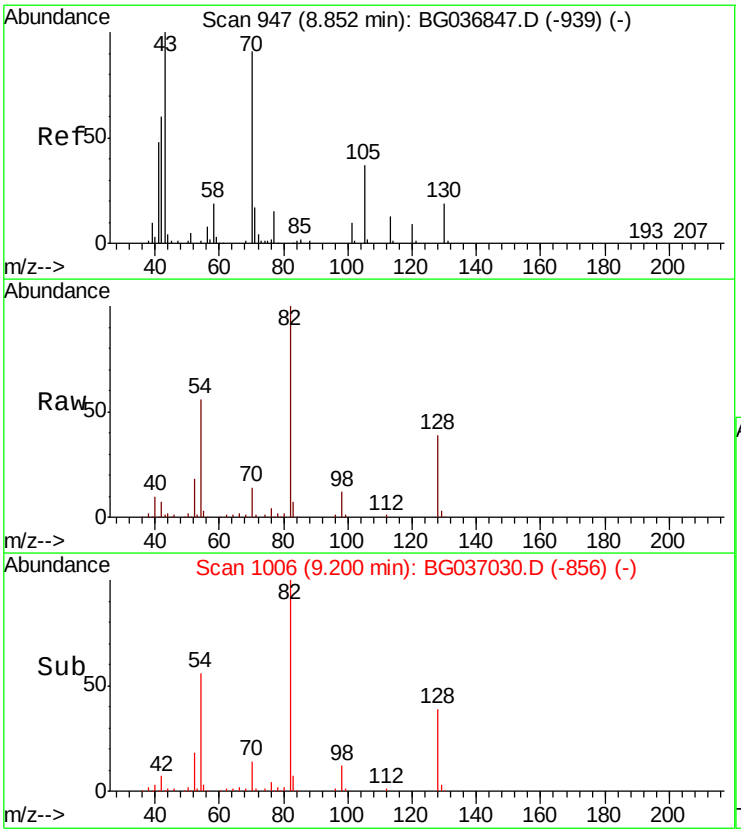
#7
Phenol-d6
Concen: 90.855 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 313807

Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.5	24.7
71	36.0	29.4	44.2

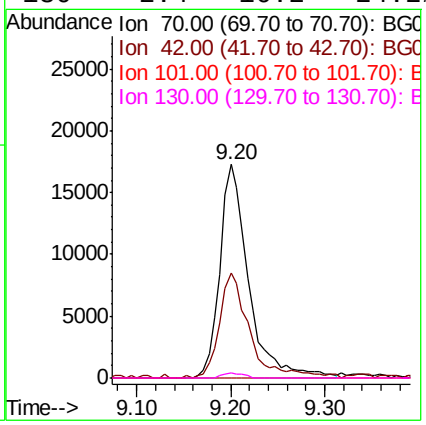


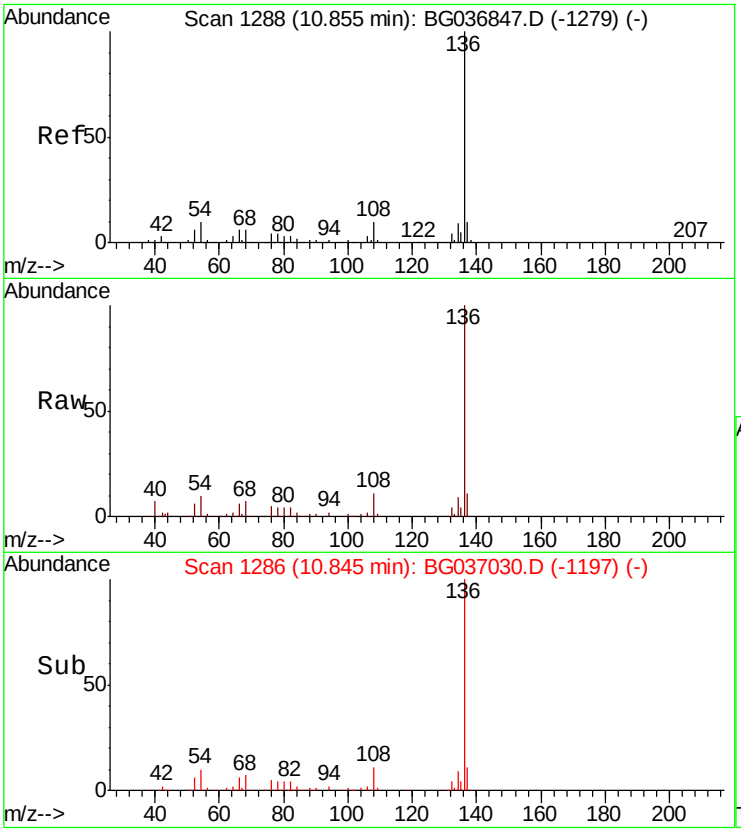


#19
n-Nitroso-di-n-propylamine
Concen: 12.772 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.35 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

Tgt Ion: 70 Resp: 36697

Ion	Ratio	Lower	Upper
70	100		
42	49.0	56.2	84.4#
101	0.0	7.8	11.6#
130	2.4	16.2	24.2#



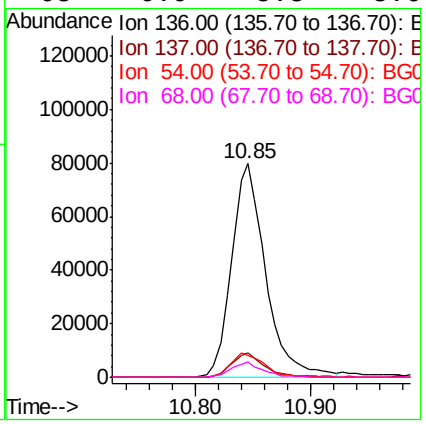


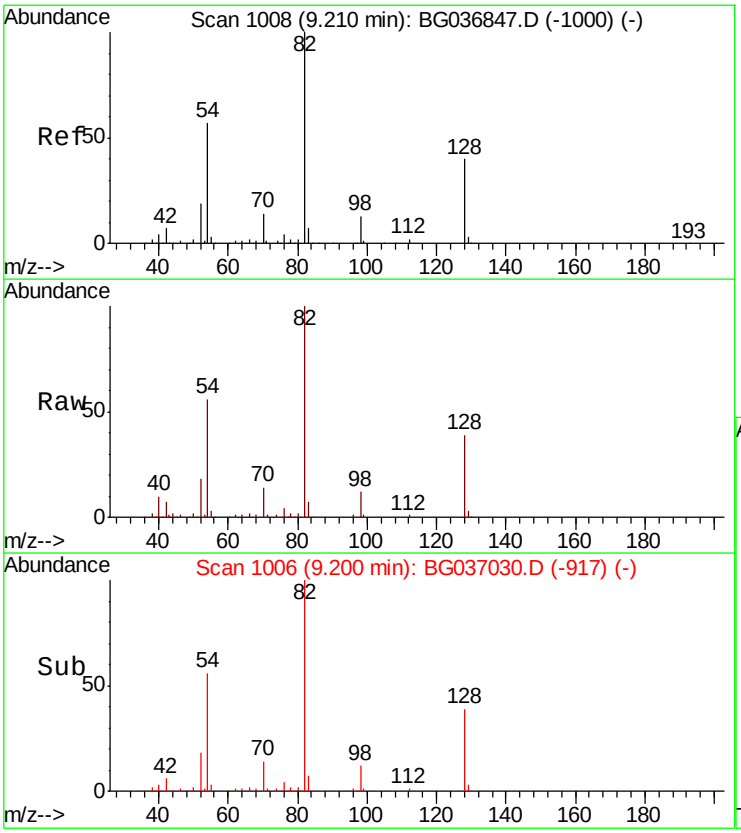
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:136 Resp: 162409

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	10.1	9.2	13.8
68	6.9	5.8	8.6

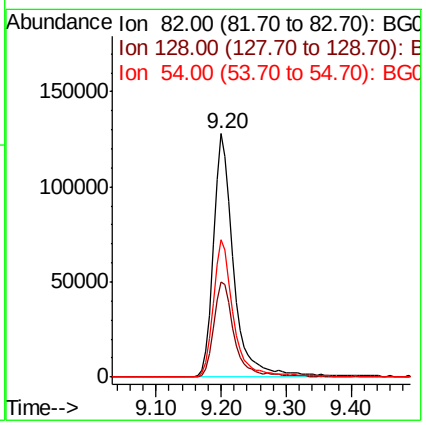


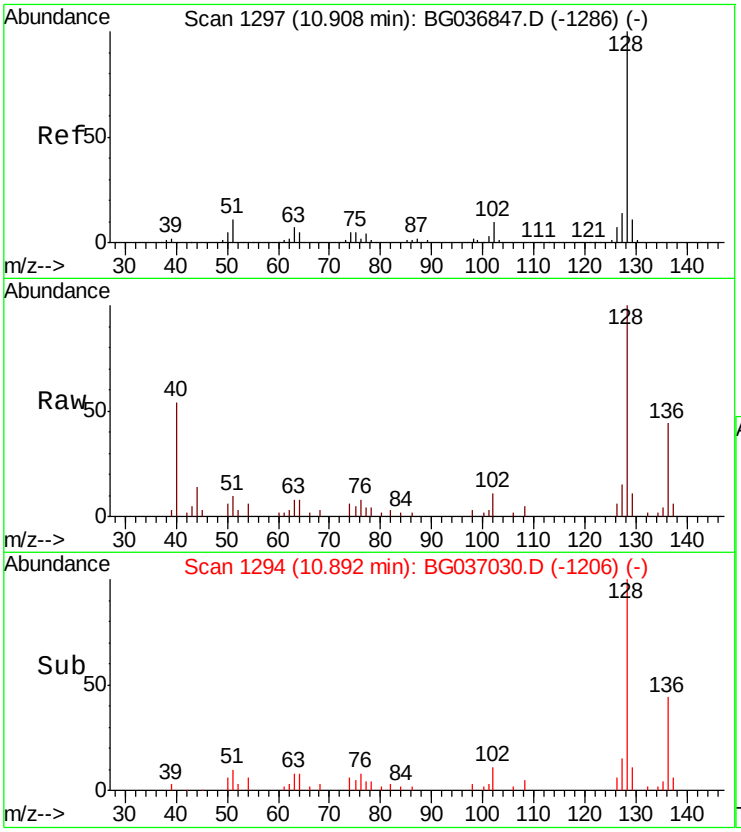


#23
Nitrobenzene-d5
Concen: 90.903 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

Tgt Ion: 82 Resp: 275689

Ion	Ratio	Lower	Upper
82	100		
128	39.0	33.3	49.9
54	56.3	45.1	67.7



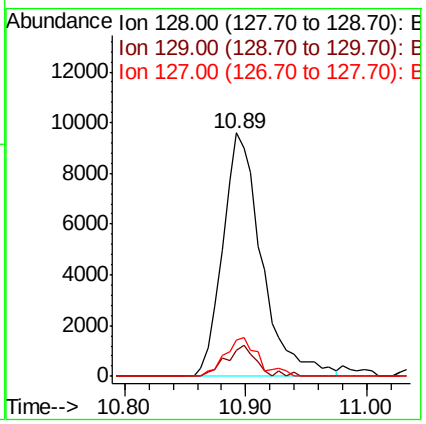


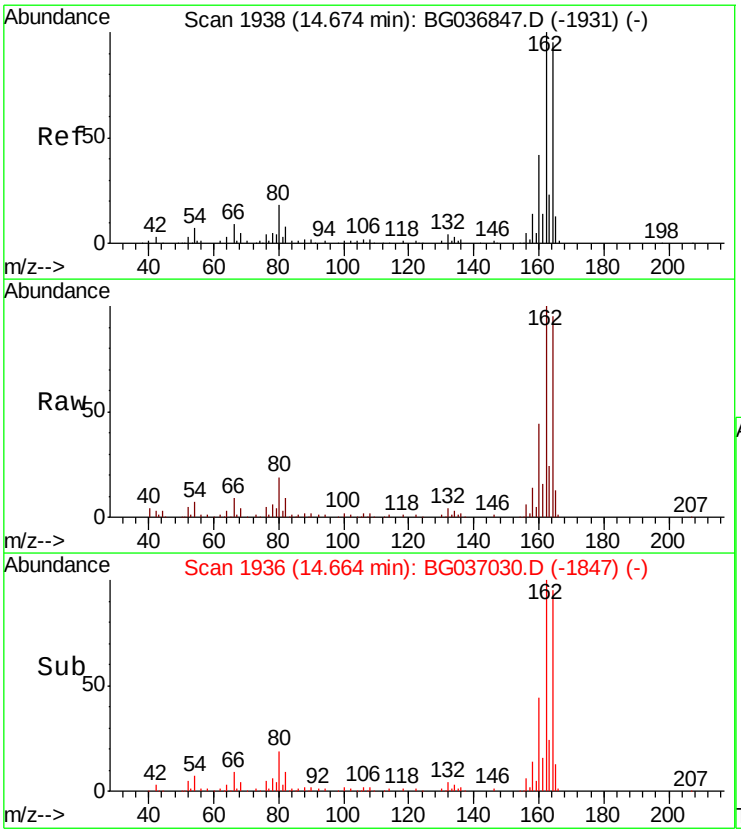
#31
Naphthalene
Concen: 2.783 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:128 Resp: 21505

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.4	14.2
127	14.6	11.0	16.4

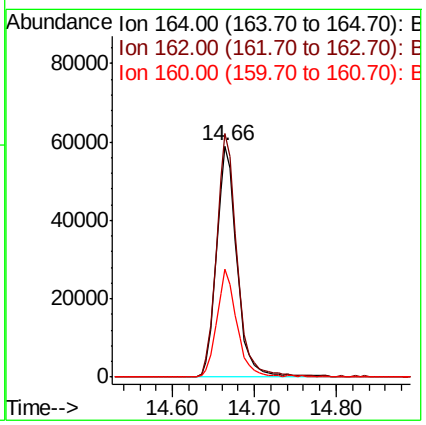


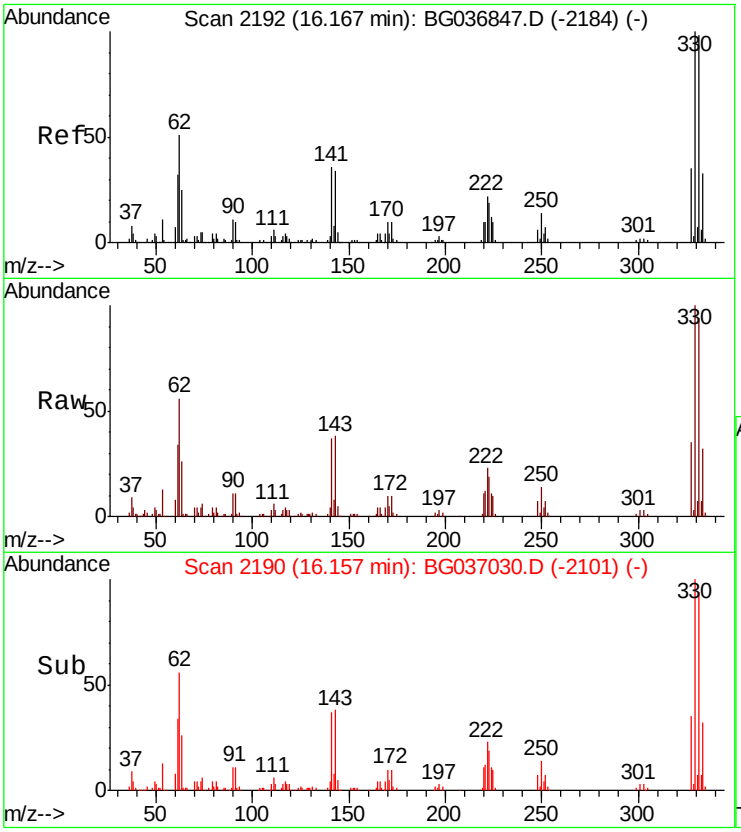


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

Tgt Ion:164 Resp: 102735

Ion	Ratio	Lower	Upper
164	100		
162	105.4	80.7	121.1
160	46.6	35.3	52.9



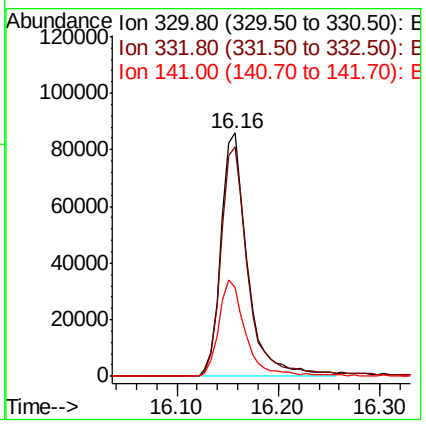


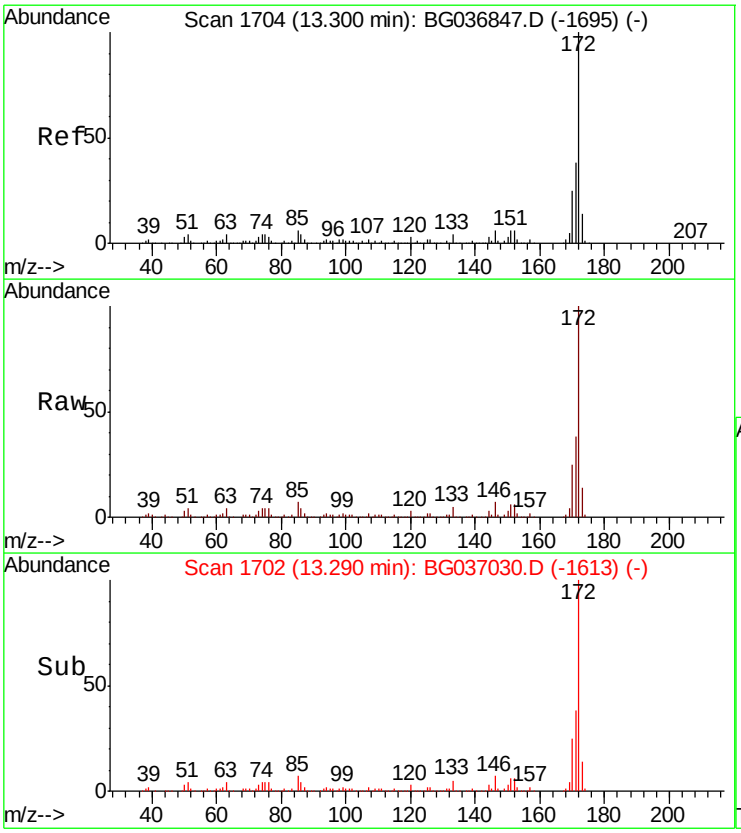
#41
2,4,6-Tribromophenol
Concen: 127.568 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:330 Resp: 156802

Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.4	113.2
141	40.1	30.7	46.1

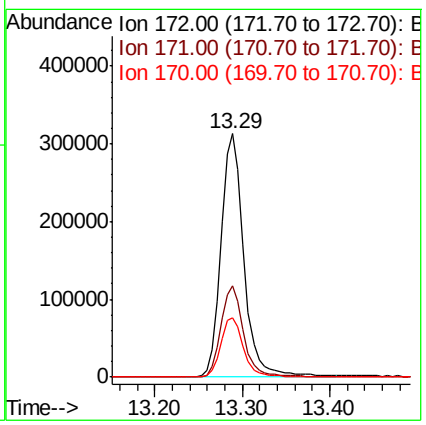


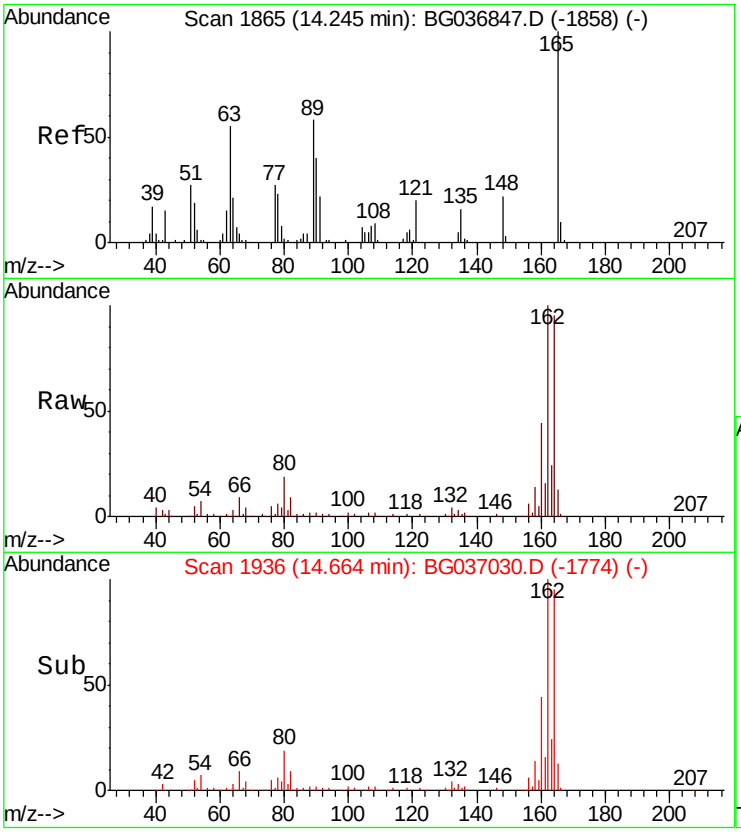


#44
2-Fluorobiphenyl
Concen: 81.987 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

Tgt Ion:172 Resp: 565527

Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	24.5	21.0	31.6



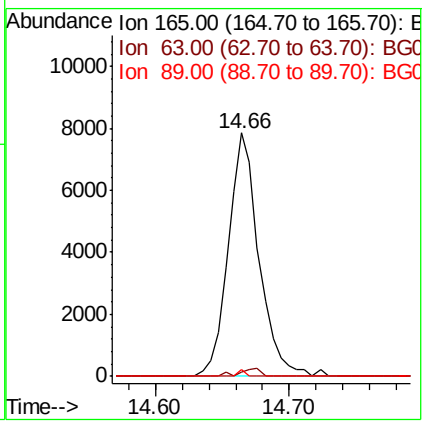


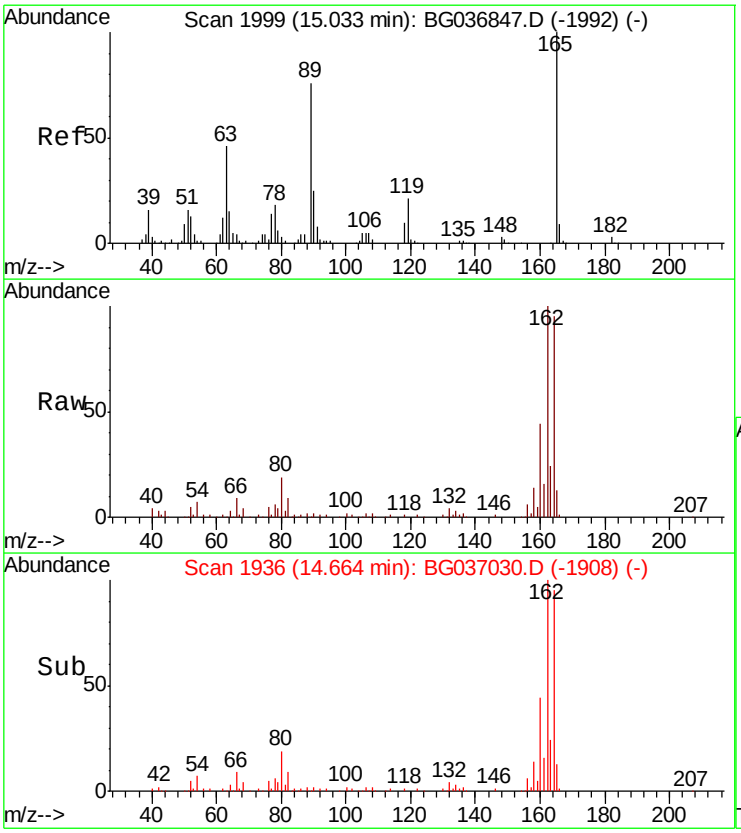
#50
2,6-Dinitrotoluene
Concen: 6.981 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.42 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:165 Resp: 12596

Ion	Ratio	Lower	Upper
165	100		
63	1.9	50.1	75.1#
89	2.7	47.8	71.6#

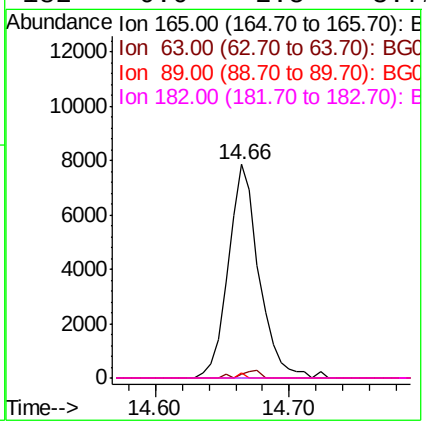


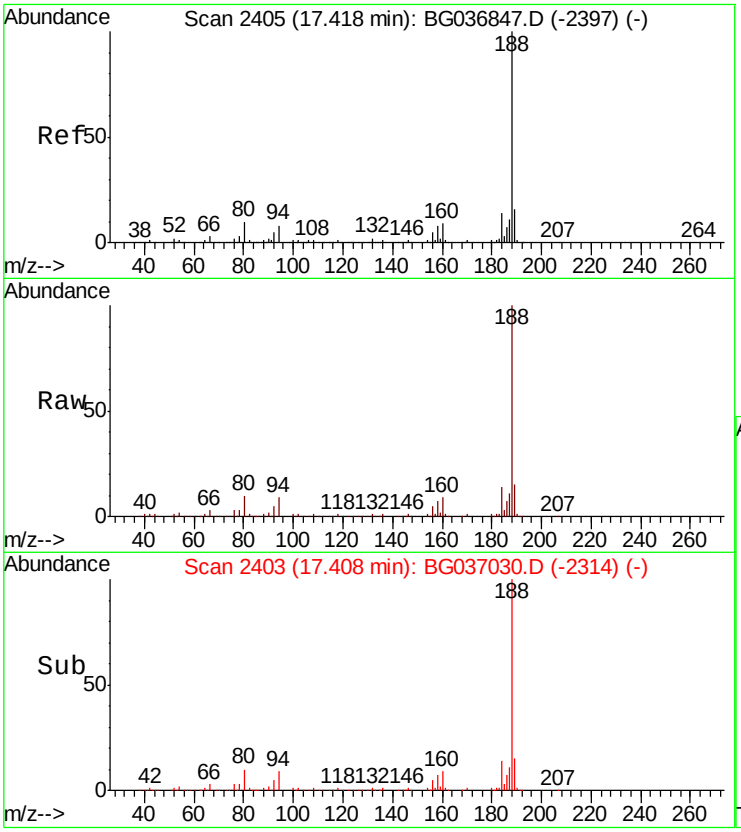


#56
2,4-Dinitrotoluene
Concen: 5.003 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

Tgt Ion:165 Resp: 12596

Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.1	60.1#
89	2.7	63.7	95.5#
182	0.0	2.5	3.7#



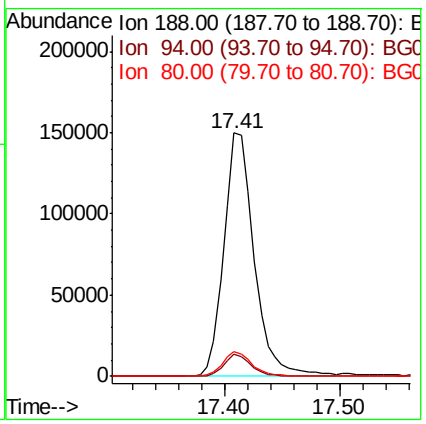


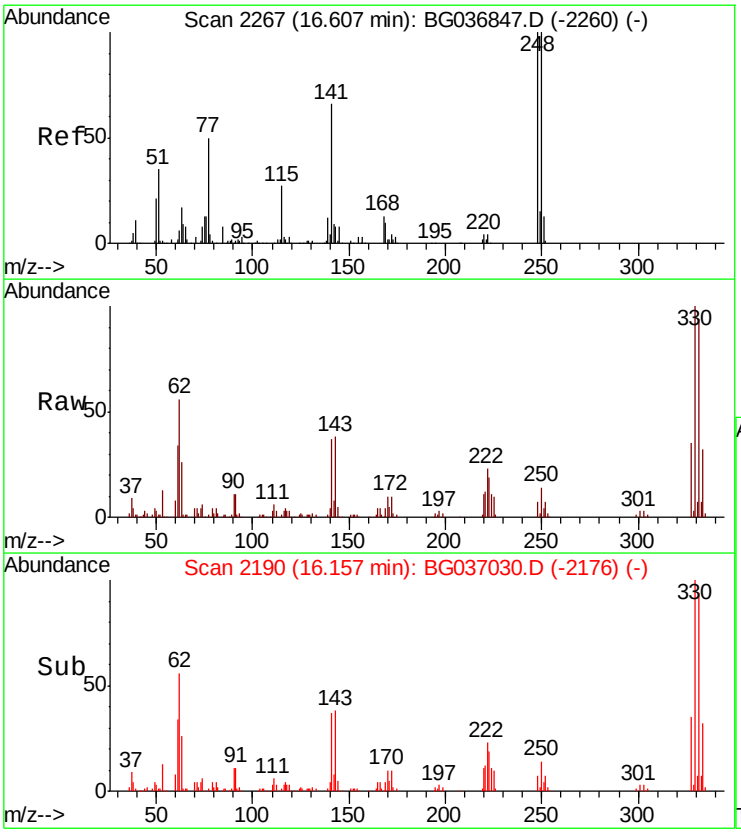
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:188 Resp: 271797

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.7	10.1
80	10.2	8.1	12.1

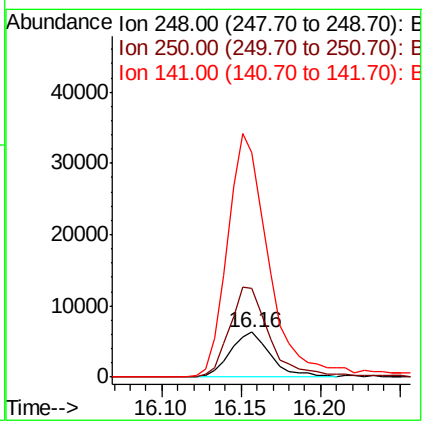


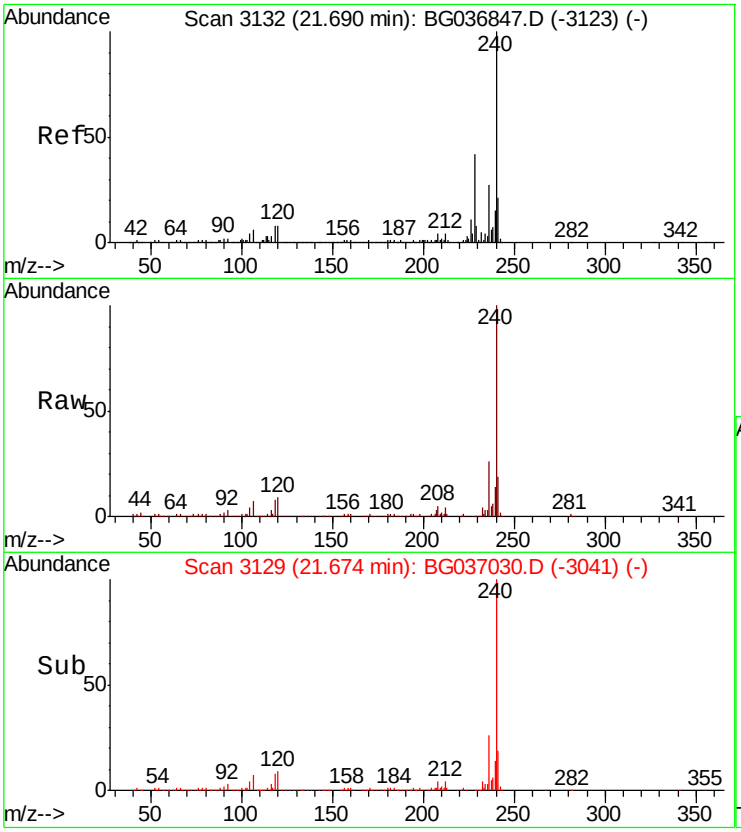


#66
4-Bromophenyl-phenylether
Concen: 3.564 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

Tgt Ion:248 Resp: 11017

Ion	Ratio	Lower	Upper
248	100		
250	197.1	78.1	117.1#
141	499.4	53.7	80.5#



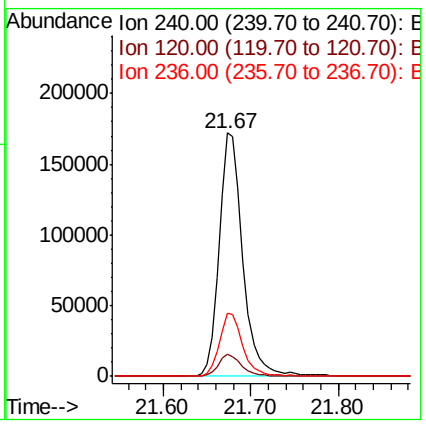


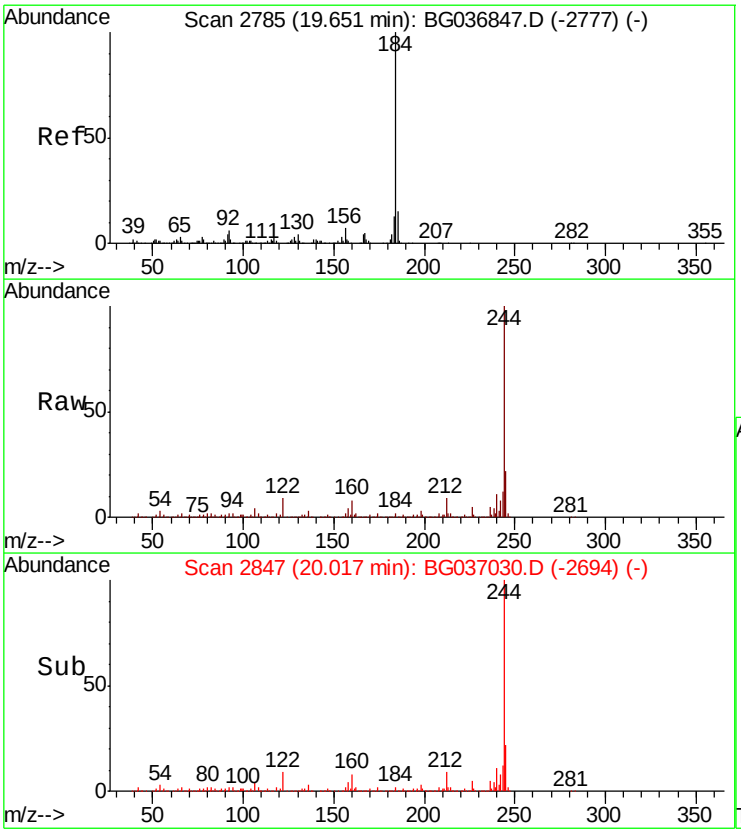
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:240 Resp: 320382

Ion	Ratio	Lower	Upper
240	100		
120	9.3	6.9	10.3
236	25.7	21.2	31.8

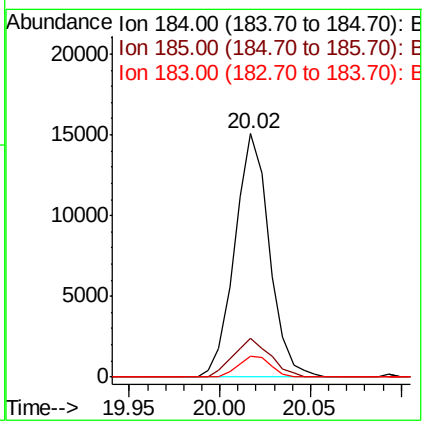


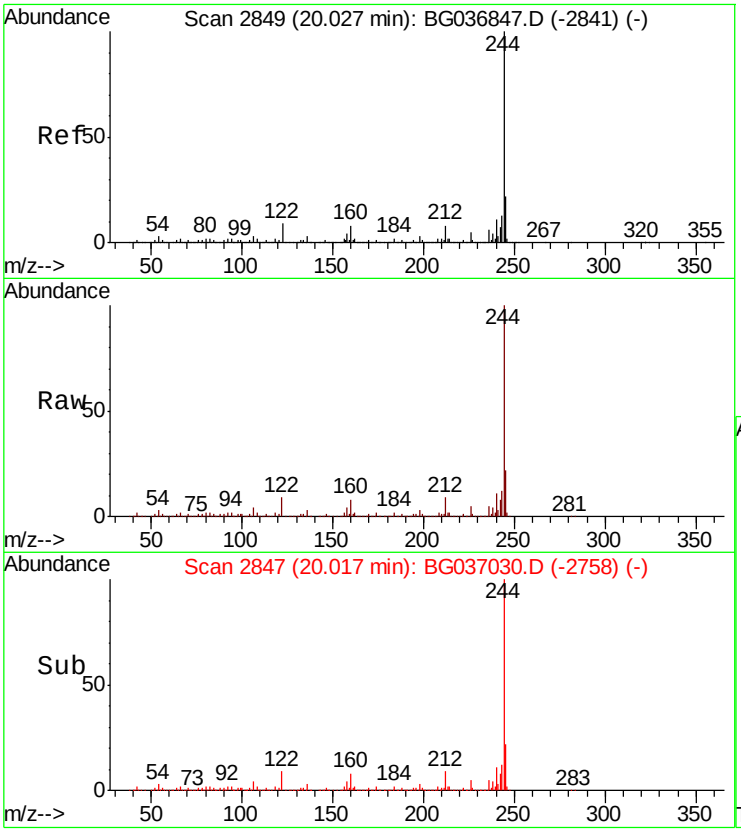


#76
Benzidine
Concen: 2.068 ng
RT: 20.02 min Scan# 2847
Delta R.T. 0.37 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

Tgt Ion:184 Resp: 20030

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.6	18.8
183	8.7	10.9	16.3#



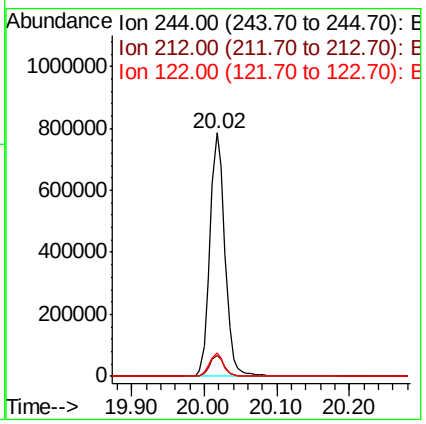


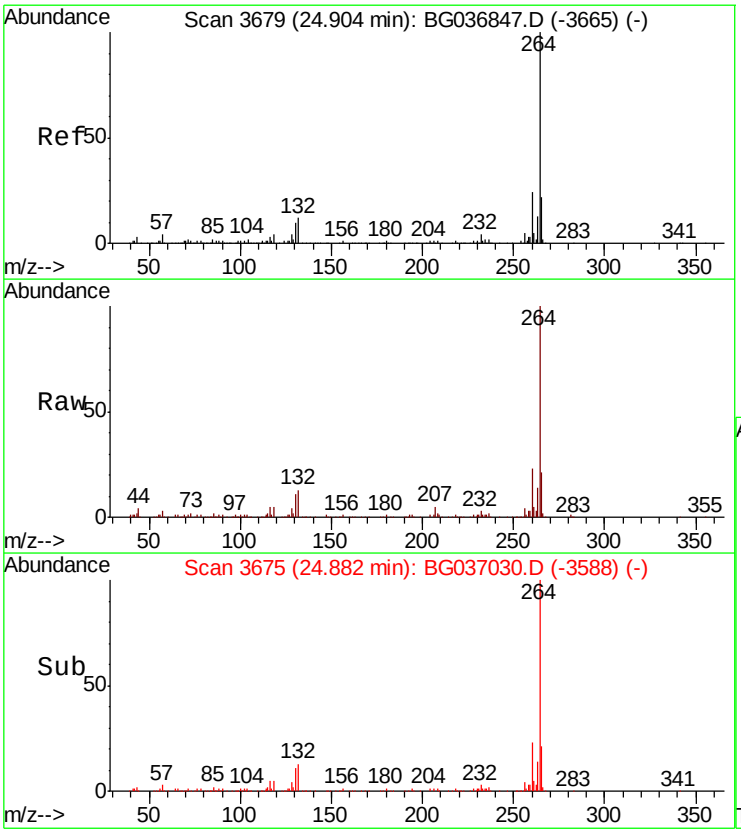
#78
Terphenyl-d14
Concen: 93.285 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:244 Resp: 1136602

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.4	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

Tgt Ion:264 Resp: 311238

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.6	29.4
265	21.4	17.4	26.0