Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
Data File : BG037001.D
Acq On : 27 Sep 2018 4:16
Operator : JU/SJ
Sample : J4773-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 27 08:10:50 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	8.05	152	48536	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	198022	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	126006	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	297349	20.00	ng	0.00
75) Chrysene-d12	21.68	240	303739	20.00	ng	-0.01
86) Perylene-d12	24.88	264	295021	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	296408	117.12	ng	0.00
7) Phenol-d6	7.21	99	375051	95.78	ng	0.00
23) Nitrobenzene-d5	9.20	82	319300	86.35	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	175957	116.71	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	694392	82.08	ng	-0.01
78) Terphenyl-d14	20.02	244	1131101	97.92	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	43832	13.456	ng	# 71
50) 2,6-Dinitrotoluene	14.67	165	15643	7.069	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	15643	5.066	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	12100	3.578	ng	# 1

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

Quantitation Report (Not Reviewed)

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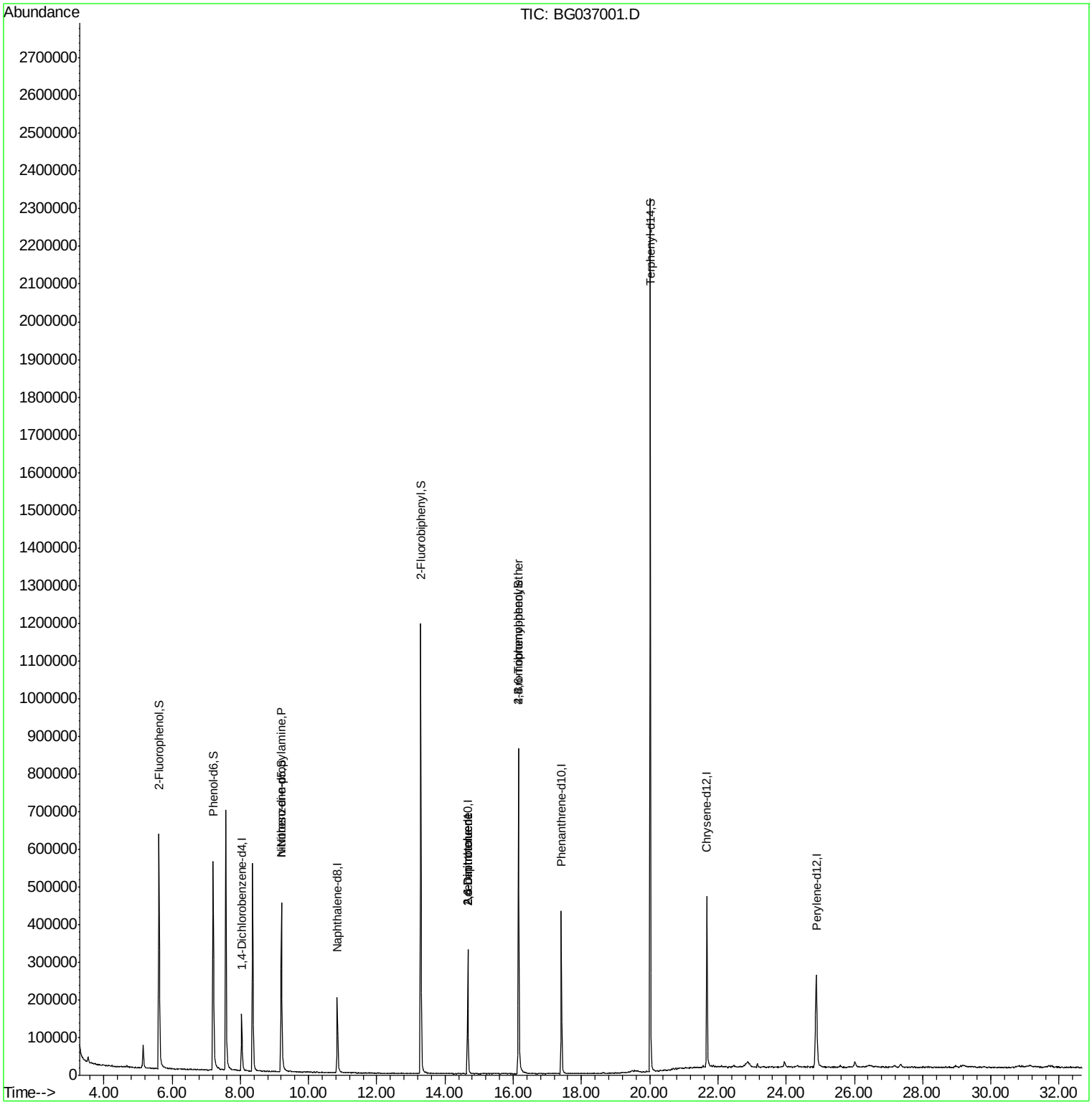
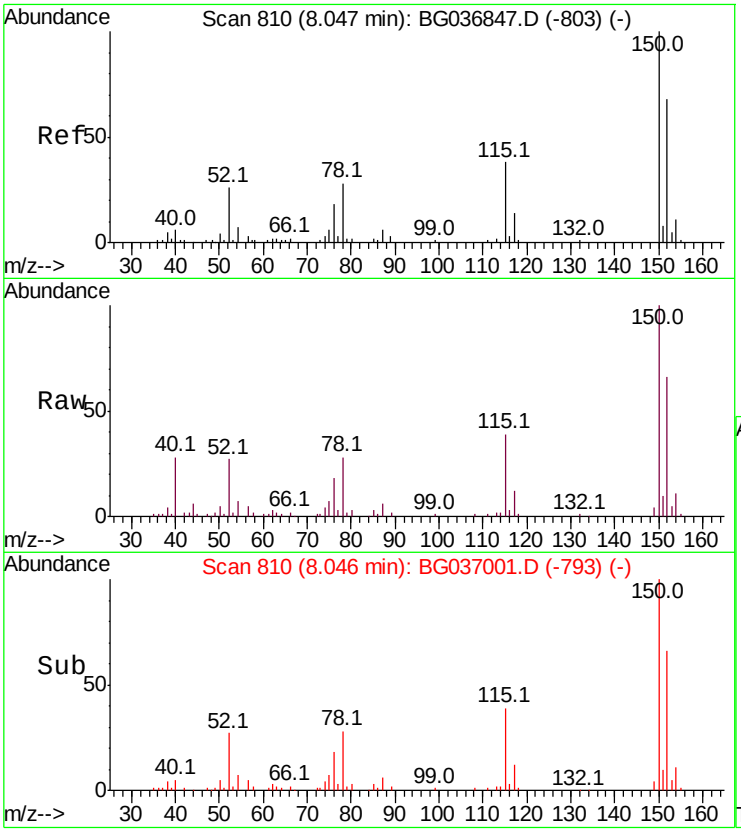


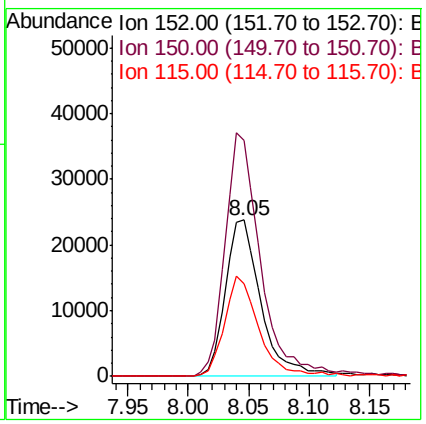


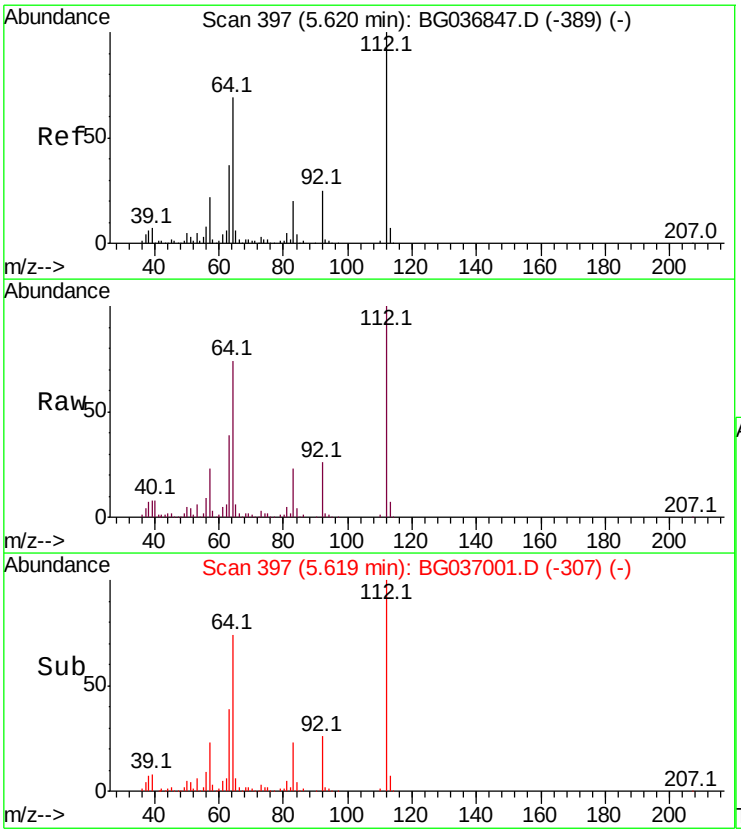
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG037001.D
Acq: 27 Sep 2018 4:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 48536

Ion	Ratio	Lower	Upper
152	100		
150	150.7	119.5	179.3
115	58.8	44.5	66.7

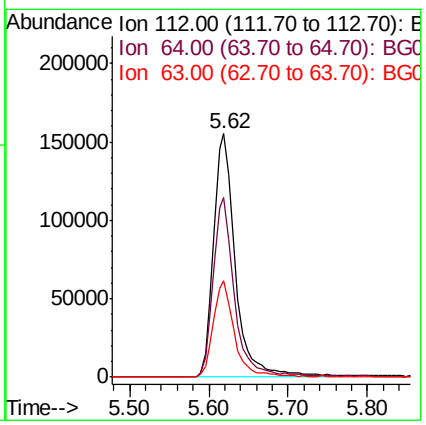


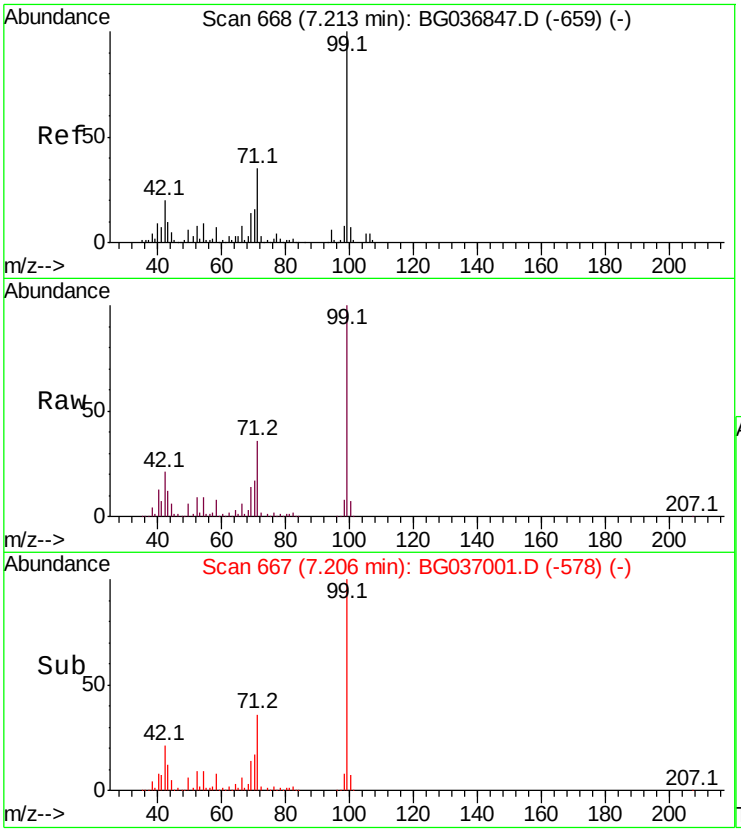


#5
2-Fluorophenol
Concen: 117.118 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG037001.D
Acq: 27 Sep 2018 4:16

Tgt Ion:112 Resp: 296408

Ion	Ratio	Lower	Upper
112	100		
64	73.7	57.2	85.8
63	39.4	30.8	46.2



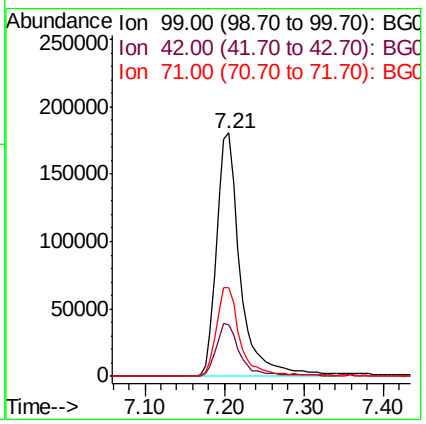


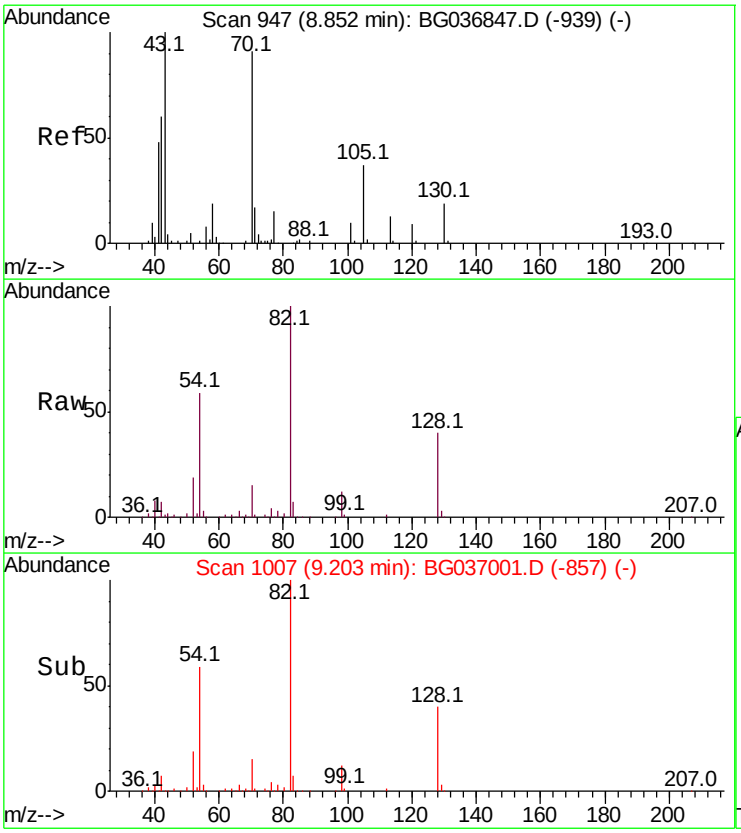
#7
Phenol-d6
Concen: 95.783 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG037001.D
Acq: 27 Sep 2018 4:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 375051

Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.5	24.7
71	36.3	29.4	44.2

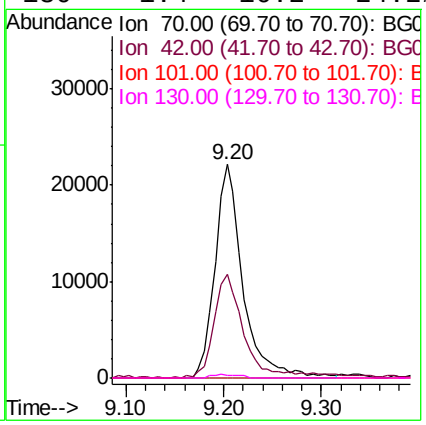


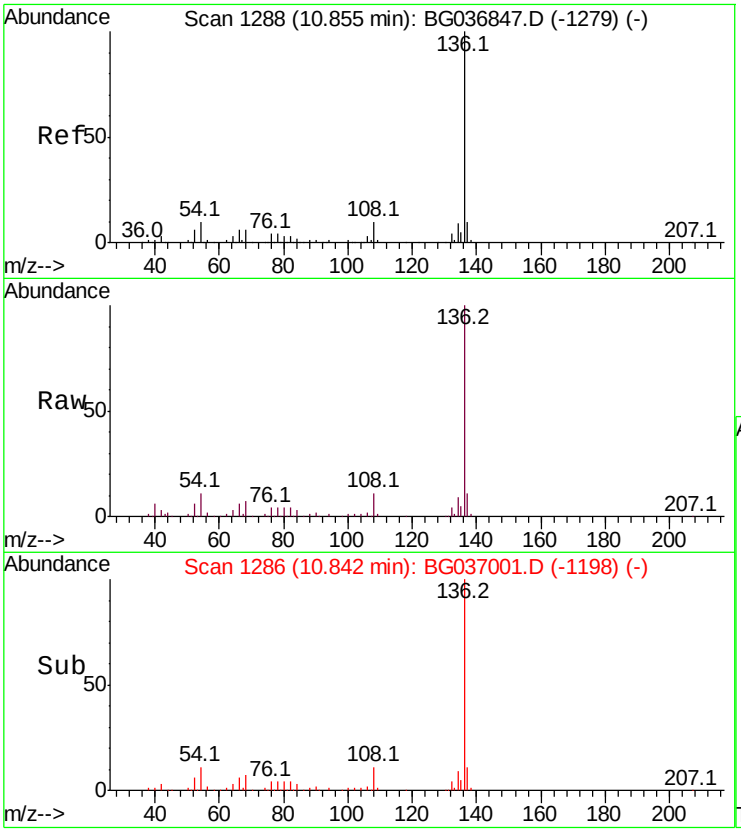


#19
n-Nitroso-di-n-propylamine
Concen: 13.456 ng
RT: 9.20 min Scan# 1007
Delta R.T. 0.35 min
Lab File: BG037001.D
Acq: 27 Sep 2018 4:16

Tgt Ion: 70 Resp: 43832

Ion	Ratio	Lower	Upper
70	100		
42	48.5	56.2	84.4#
101	0.0	7.8	11.6#
130	1.4	16.2	24.2#



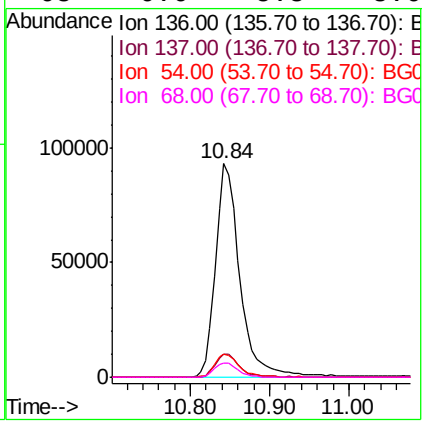


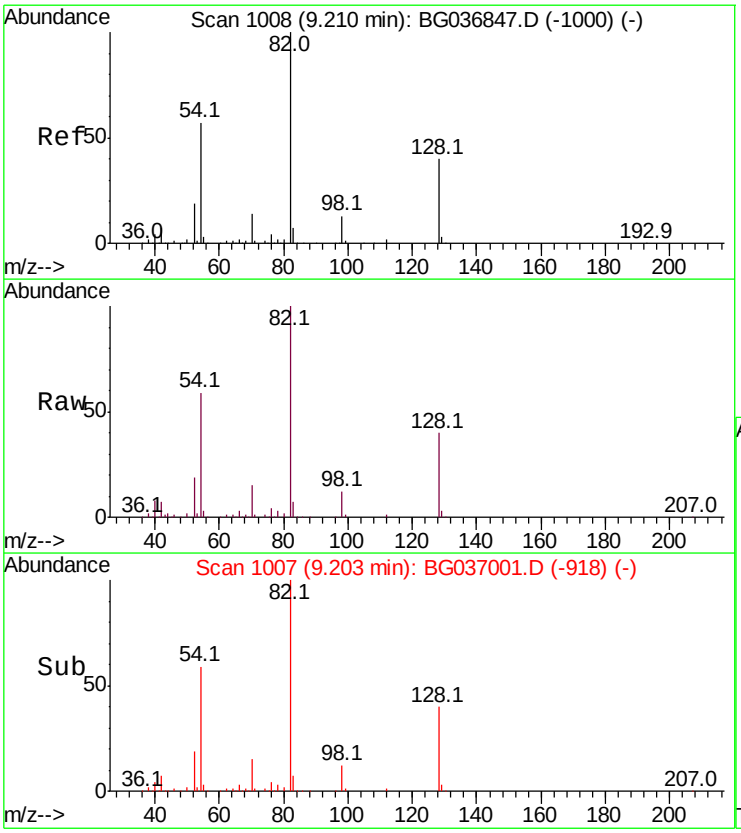
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037001.D
Acq: 27 Sep 2018 4:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 198022

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	11.1	9.2	13.8
68	6.6	5.8	8.6

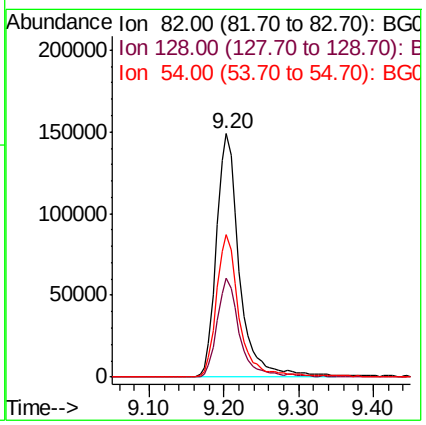


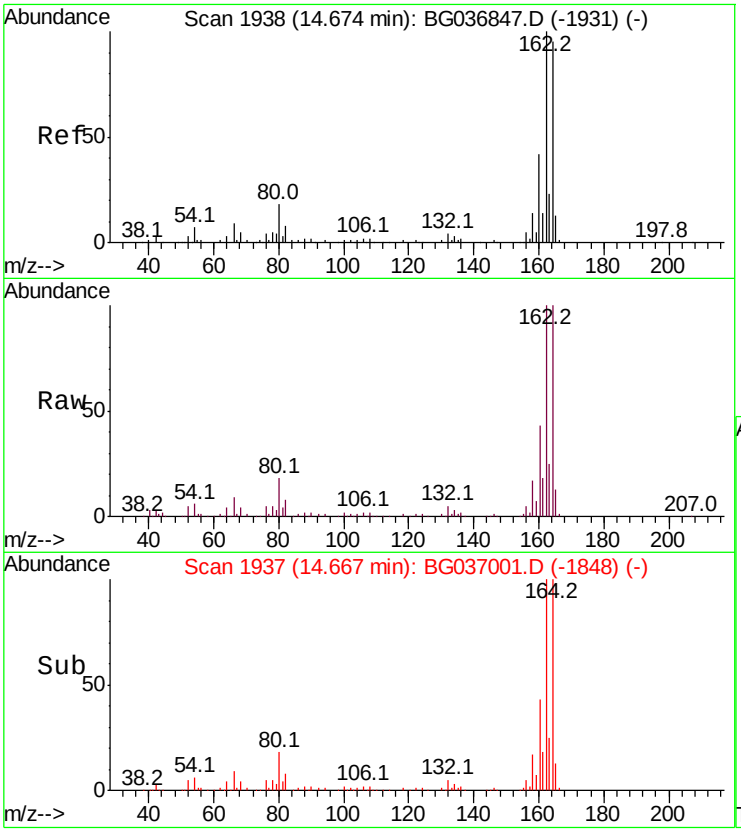


#23
Nitrobenzene-d5
Concen: 86.348 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037001.D
Acq: 27 Sep 2018 4:16

Tgt Ion: 82 Resp: 319300

Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.3	49.9
54	58.7	45.1	67.7



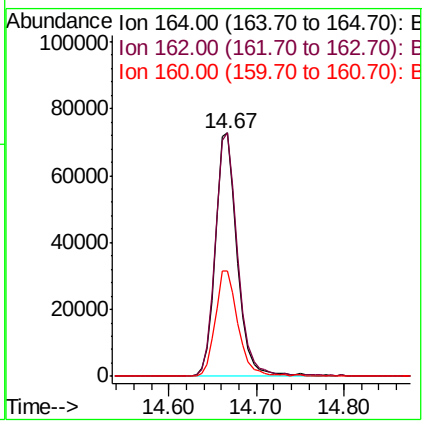


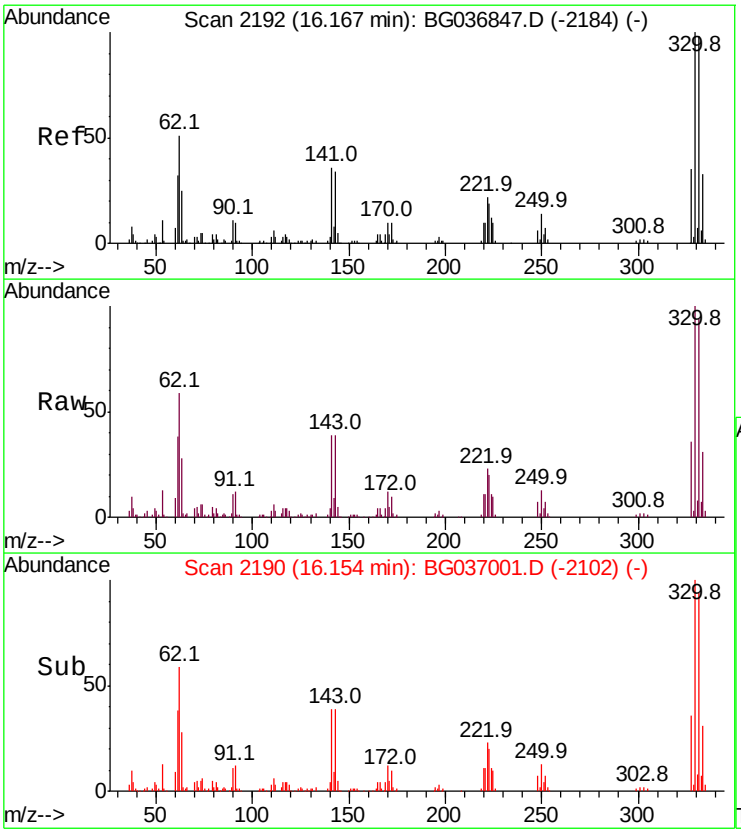
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG037001.D
Acq: 27 Sep 2018 4:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 126006

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.7	121.1
160	43.5	35.3	52.9

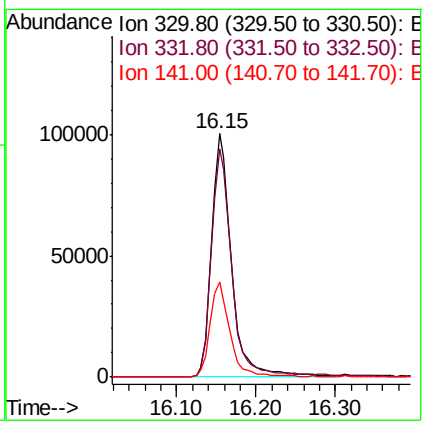


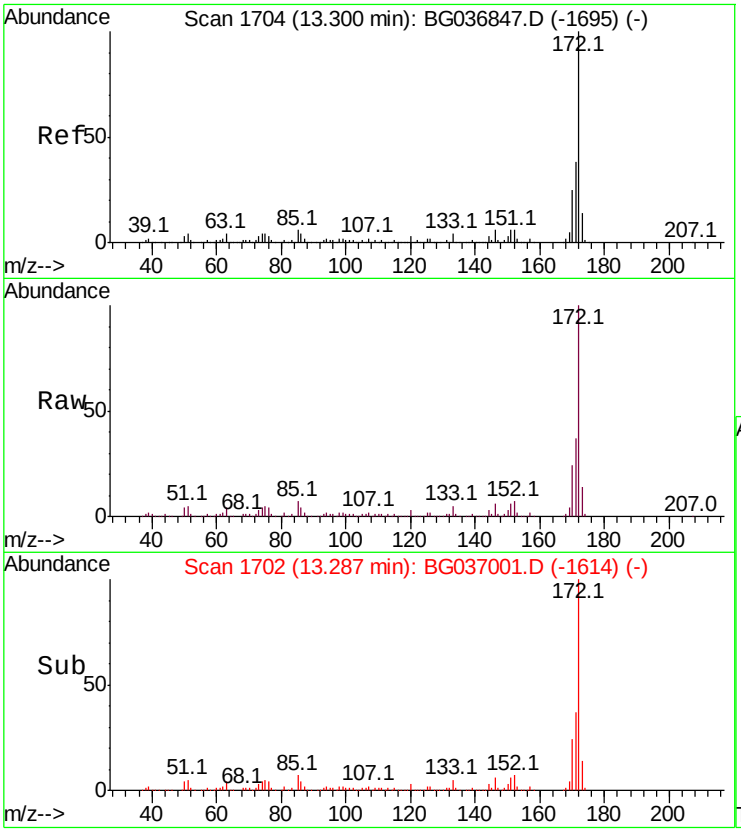


#41
2,4,6-Tribromophenol
Concen: 116.715 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG037001.D
Acq: 27 Sep 2018 4:16

Tgt Ion:330 Resp: 175957

Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.4	113.2
141	38.9	30.7	46.1



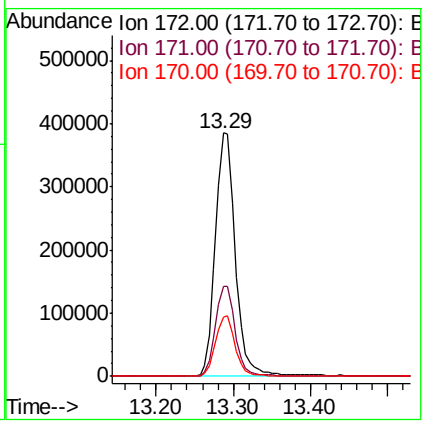


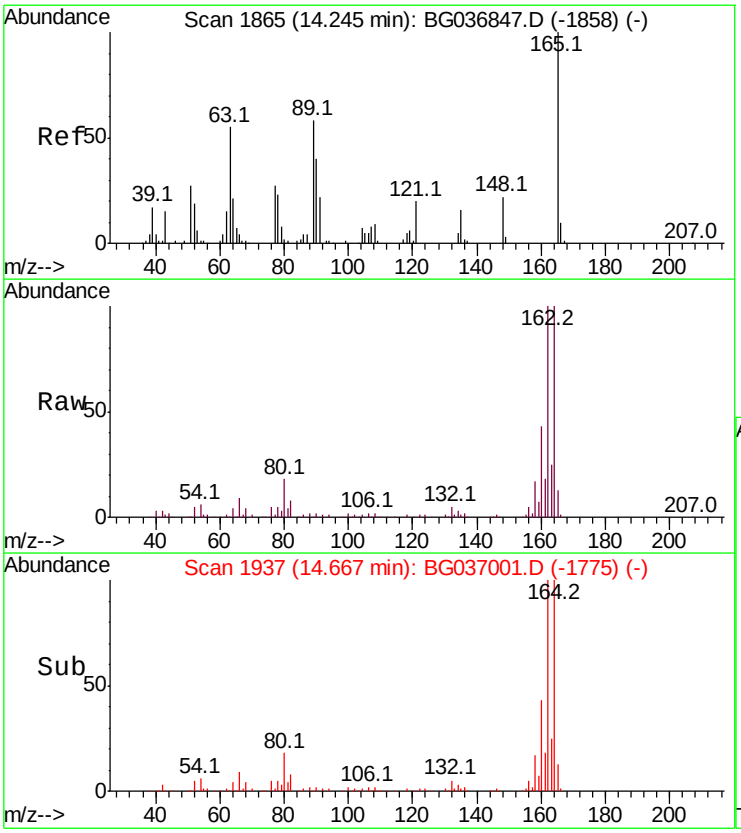
#44
2-Fluorobiphenyl
Concen: 82.077 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037001.D
Acq: 27 Sep 2018 4:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 694392

Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.3	46.9
170	24.5	21.0	31.6

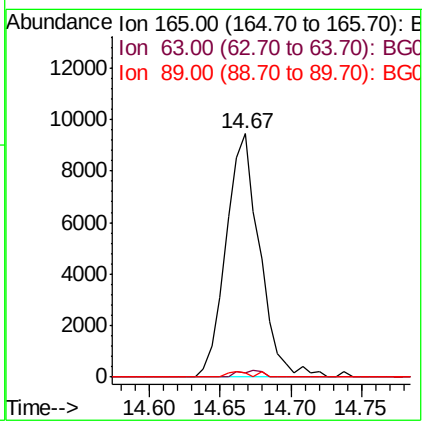


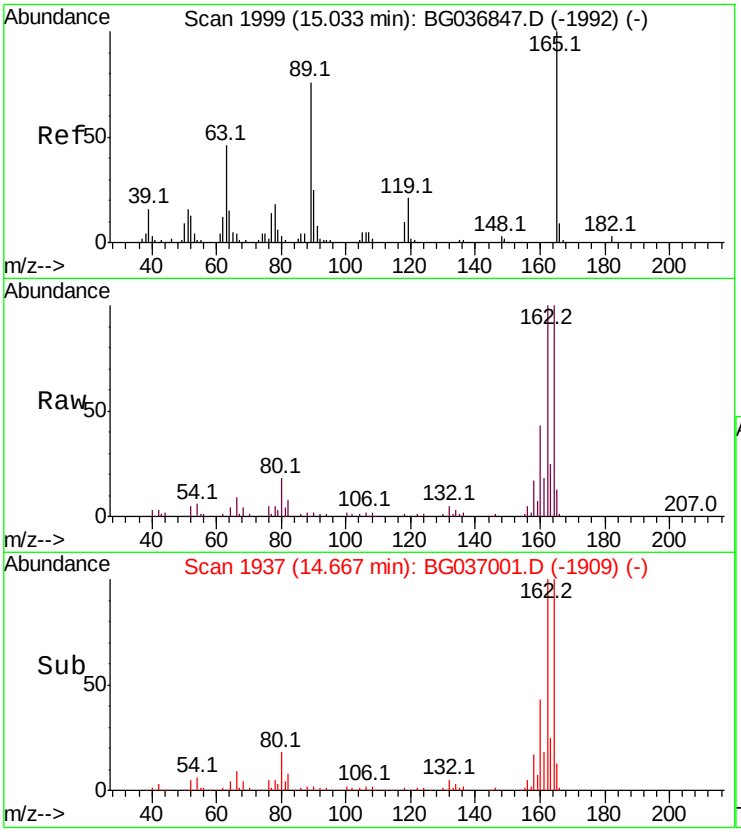


#50
2,6-Dinitrotoluene
Concen: 7.069 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.42 min
Lab File: BG037001.D
Acq: 27 Sep 2018 4:16

Tgt Ion:165 Resp: 15643

Ion	Ratio	Lower	Upper
165	100		
63	1.9	50.1	75.1#
89	1.7	47.8	71.6#



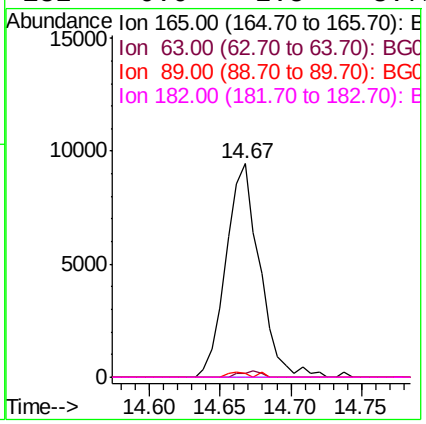


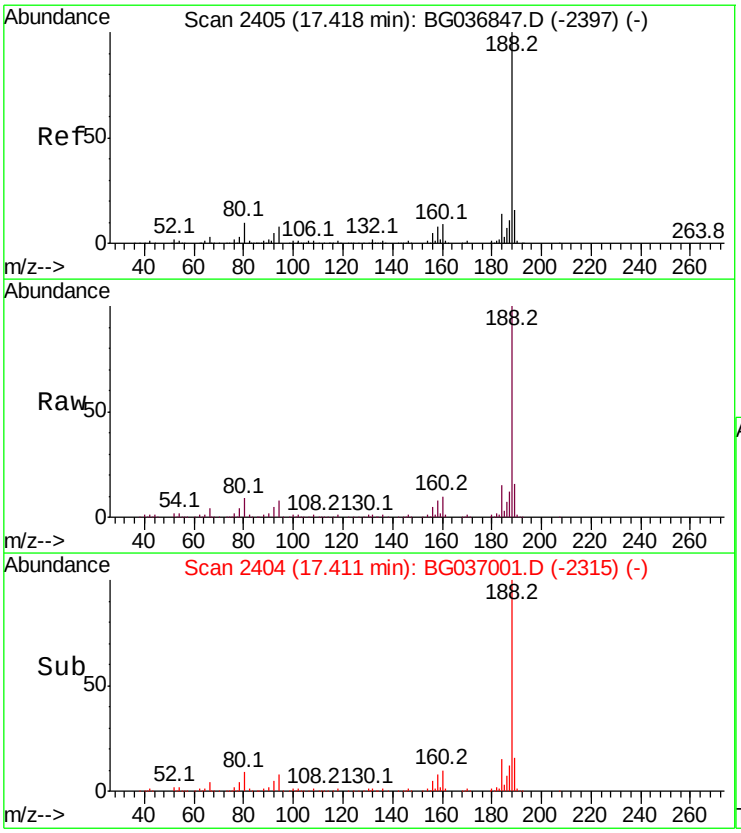
#56
2,4-Dinitrotoluene
Concen: 5.066 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.37 min
Lab File: BG037001.D
Acq: 27 Sep 2018 4:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15643

Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.1	60.1#
89	1.7	63.7	95.5#
182	0.0	2.5	3.7#

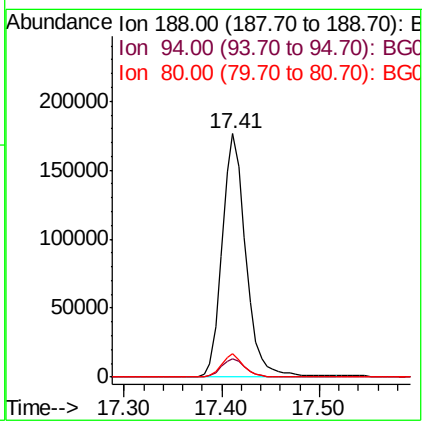


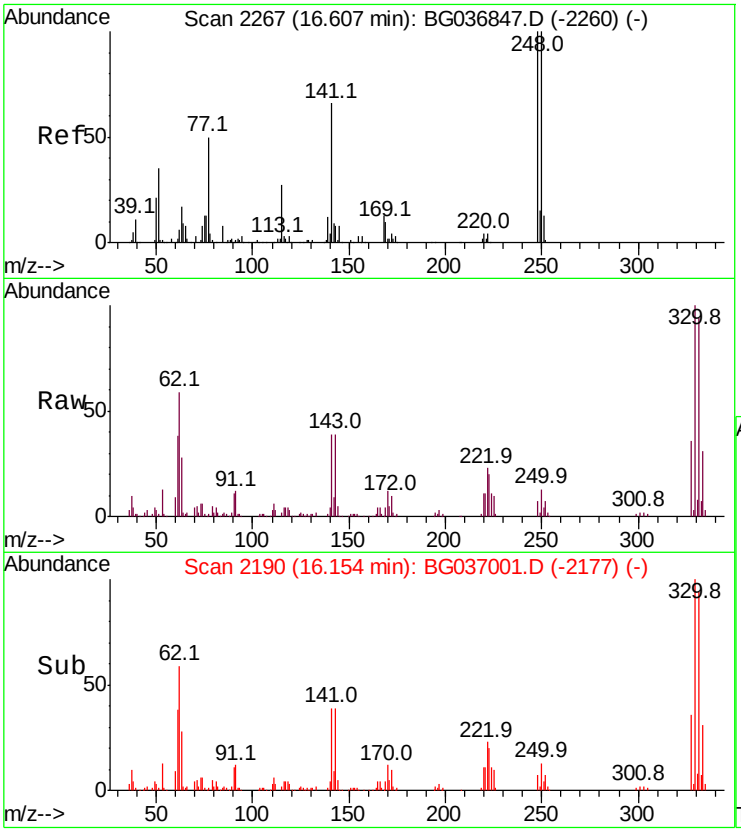


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037001.D
Acq: 27 Sep 2018 4:16

Tgt Ion:188 Resp: 297349

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	9.4	8.1	12.1



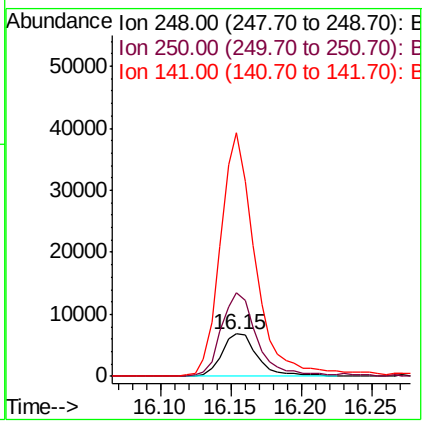


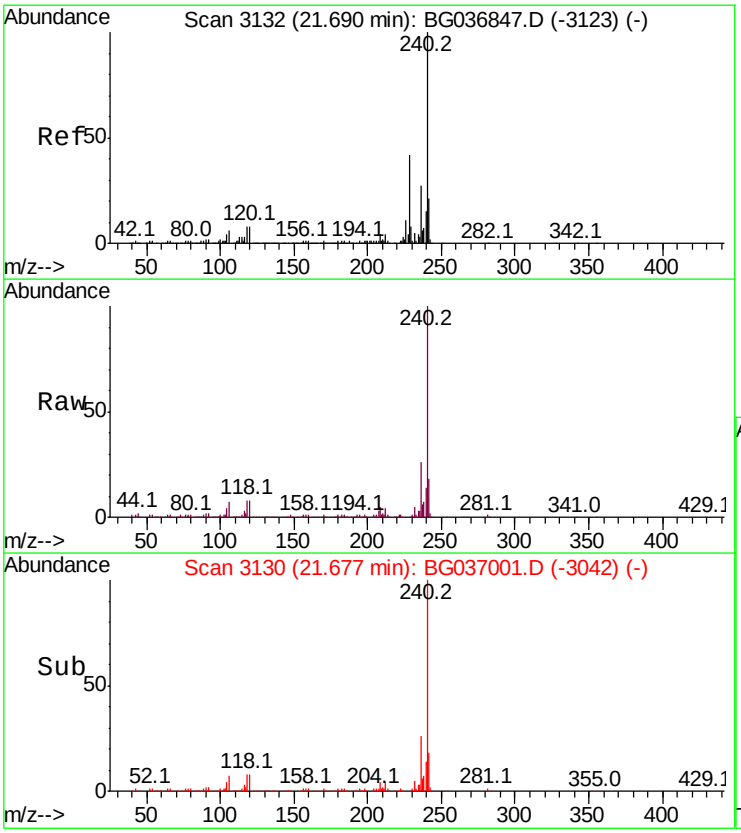
#66
4-Bromophenyl-phenylether
Concen: 3.578 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG037001.D
Acq: 27 Sep 2018 4:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 12100

Ion	Ratio	Lower	Upper
248	100		
250	196.9	78.1	117.1#
141	571.4	53.7	80.5#

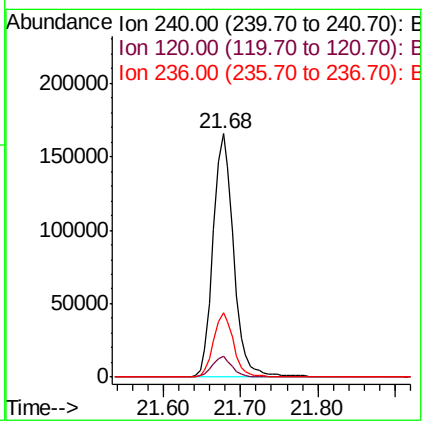


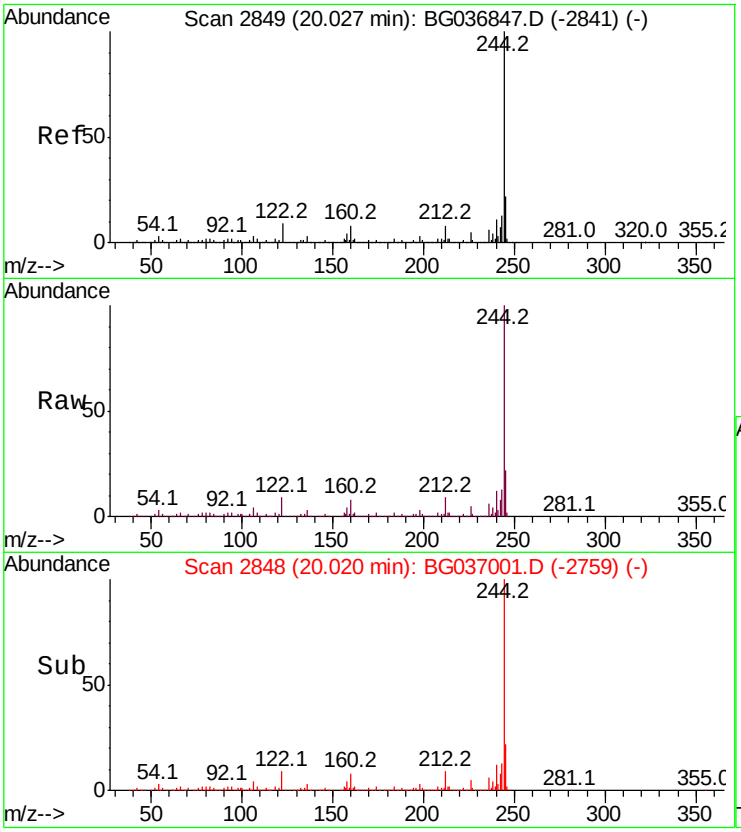


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037001.D
Acq: 27 Sep 2018 4:16

Tgt Ion:240 Resp: 303739

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.9	10.3
236	26.3	21.2	31.8



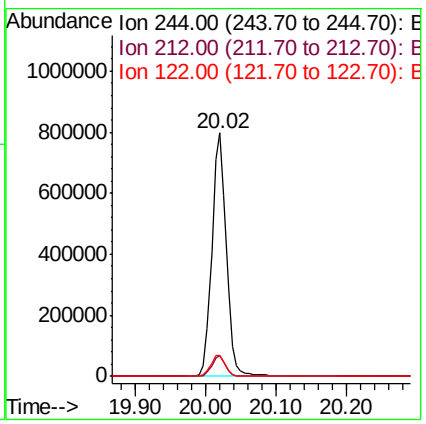


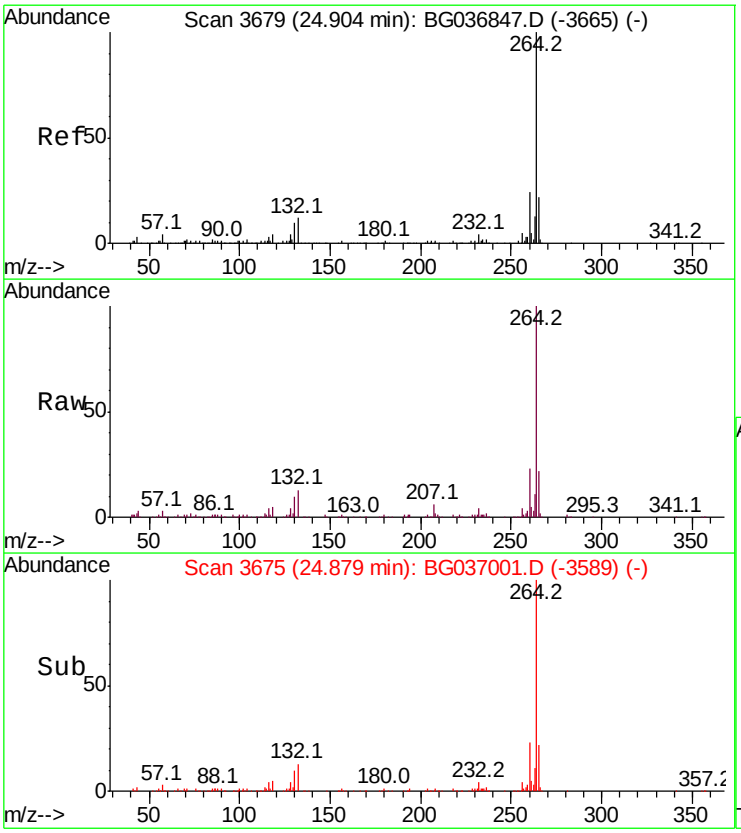
#78
Terphenyl-d14
Concen: 97.920 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG037001.D
Acq: 27 Sep 2018 4:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1131101

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	8.7	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: BG037001.D
Acq: 27 Sep 2018 4:16

Tgt Ion:264 Resp: 295021

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.6	29.4
265	22.3	17.4	26.0