Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092818\
Data File : BG037054.D
Acq On : 28 Sep 2018 17:46
Operator : JU/SJ
Sample : J4777-38
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 28 19:06:49 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	42243	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	174240	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	111520	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	284051	20.00	ng	0.00
75) Chrysene-d12	21.67	240	314522	20.00	ng	-0.02
86) Perylene-d12	24.88	264	308284	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	237941	108.02	ng	0.00
7) Phenol-d6	7.20	99	283032	83.05	ng	-0.01
23) Nitrobenzene-d5	9.20	82	263001	80.83	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	148708	111.45	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	561585	75.00	ng	-0.01
78) Terphenyl-d14	20.01	244	1030441	86.15	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	35866	12.651	ng	# 77
50) 2,6-Dinitrotoluene	14.66	165	13833	7.063	ng	# 22
56) 2,4-Dinitrotoluene	14.66	165	13833	5.062	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	10421	3.225	ng	# 1

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

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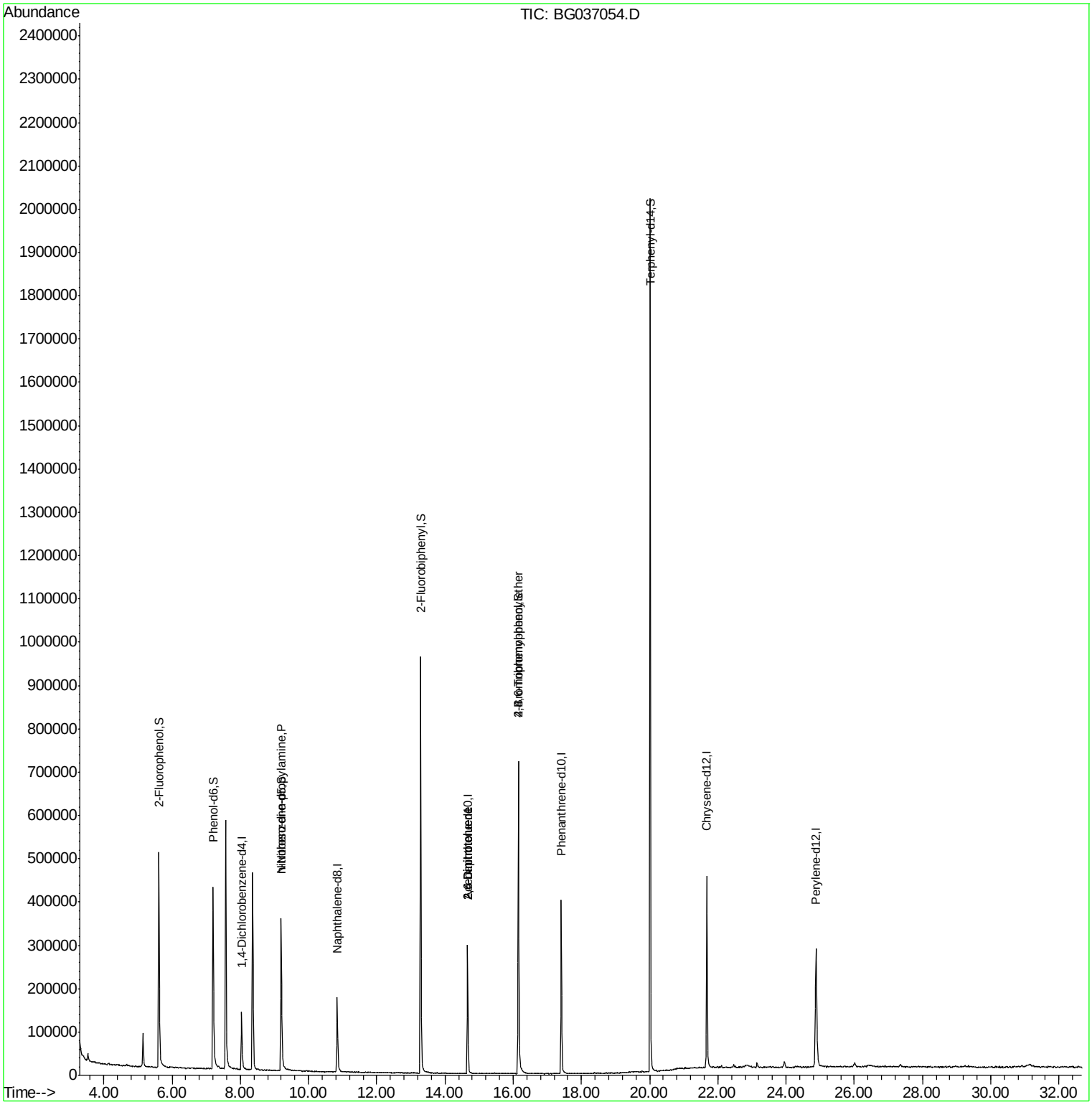
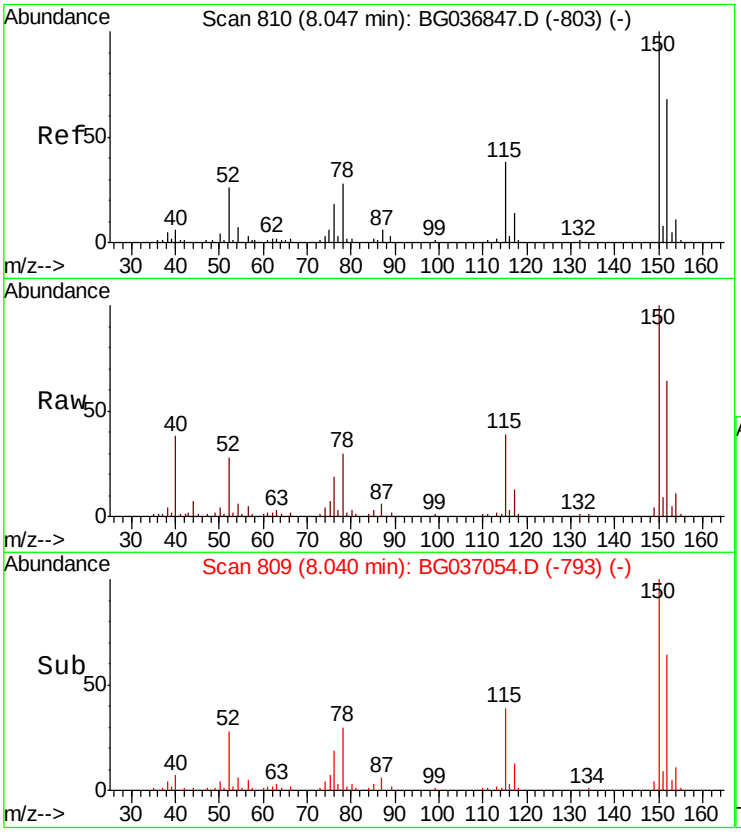


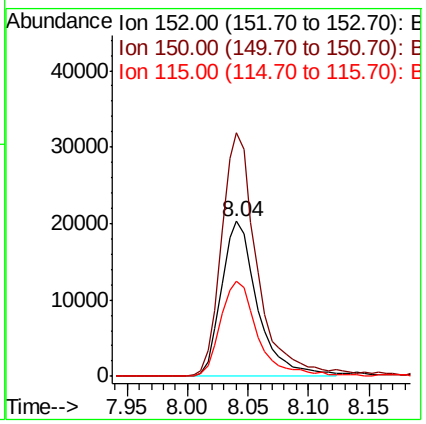


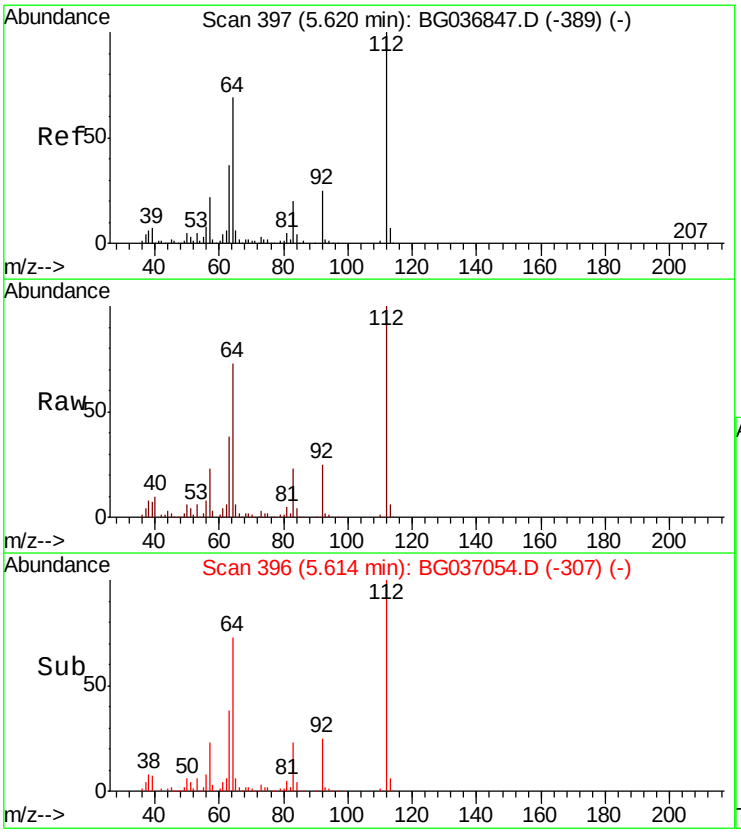
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037054.D
Acq: 28 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 42243

Ion	Ratio	Lower	Upper
152	100		
150	157.4	119.5	179.3
115	61.3	44.5	66.7

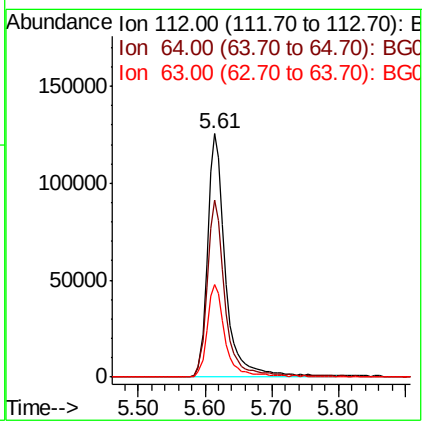


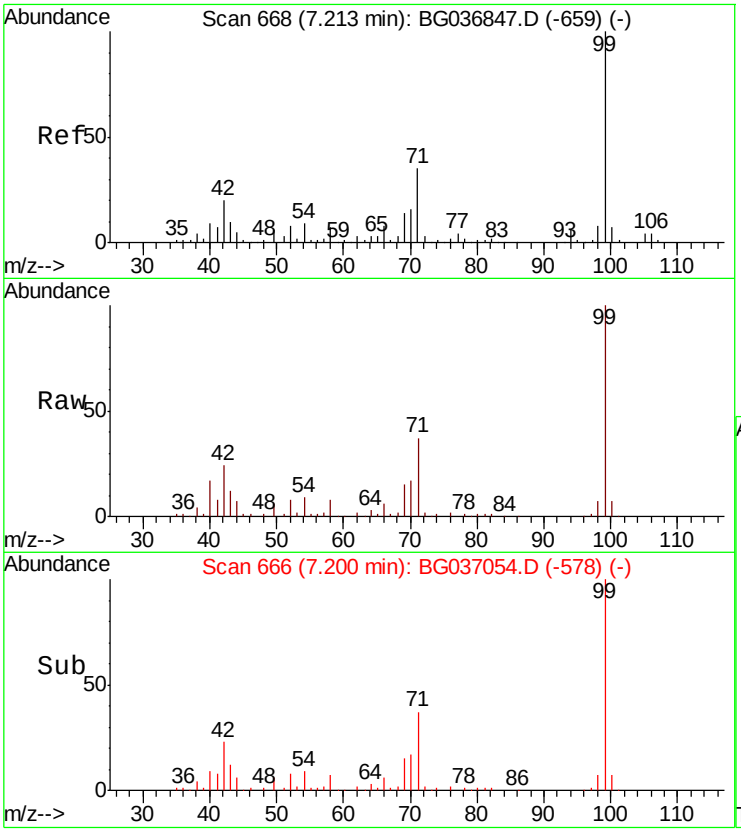


#5
2-Fluorophenol
Concen: 108.022 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037054.D
Acq: 28 Sep 2018 17:46

Tgt Ion:112 Resp: 237941

Ion	Ratio	Lower	Upper
112	100		
64	72.6	57.2	85.8
63	38.2	30.8	46.2



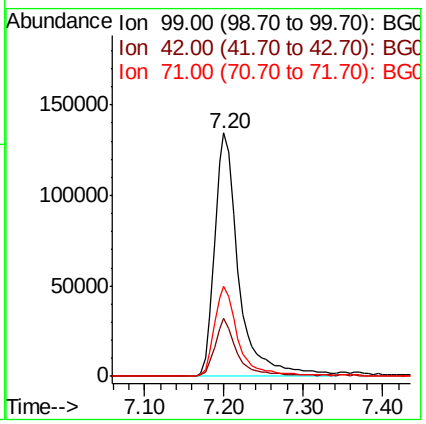


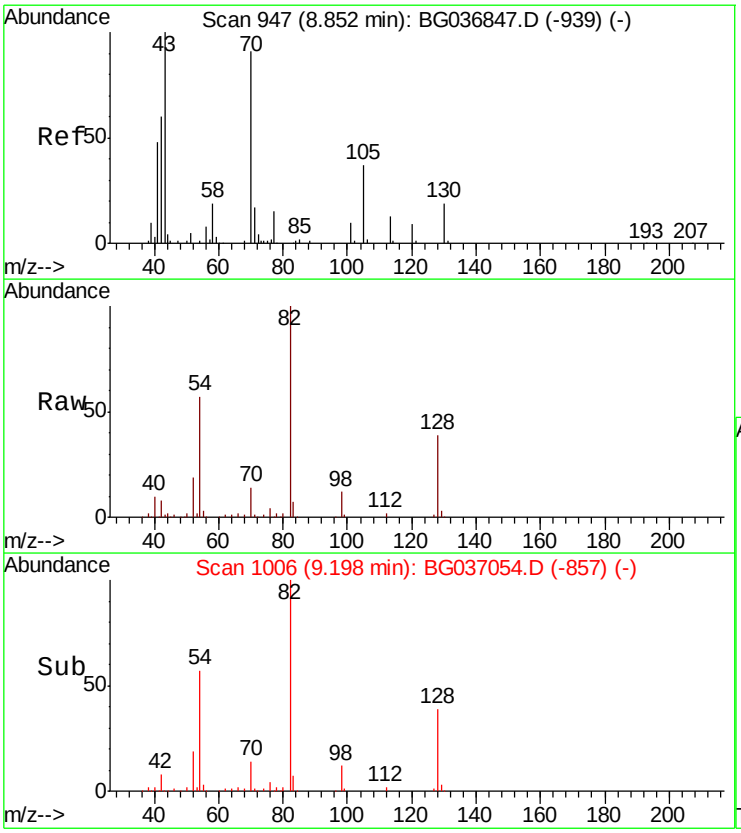
#7
Phenol-d6
Concen: 83.050 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG037054.D
Acq: 28 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 283032

Ion	Ratio	Lower	Upper
99	100		
42	23.6	16.5	24.7
71	36.7	29.4	44.2

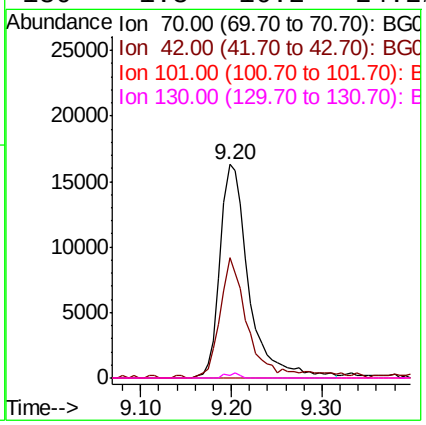


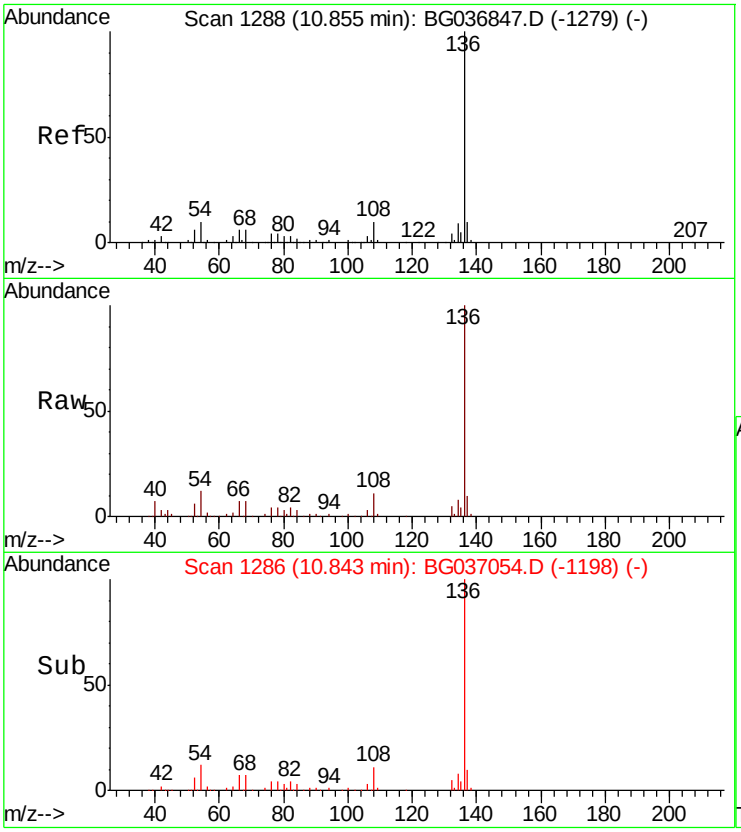


#19
n-Nitroso-di-n-propylamine
Concen: 12.651 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.35 min
Lab File: BG037054.D
Acq: 28 Sep 2018 17:46

Tgt Ion: 70 Resp: 35866

Ion	Ratio	Lower	Upper
70	100		
42	56.4	56.2	84.4
101	0.0	7.8	11.6#
130	1.3	16.2	24.2#



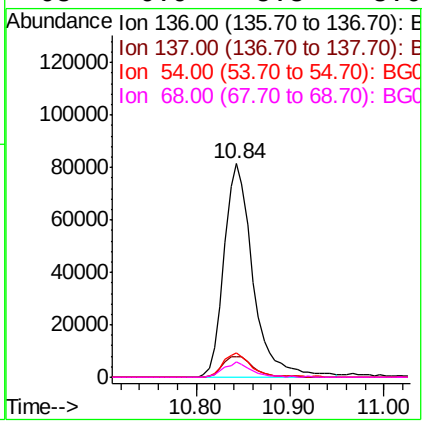


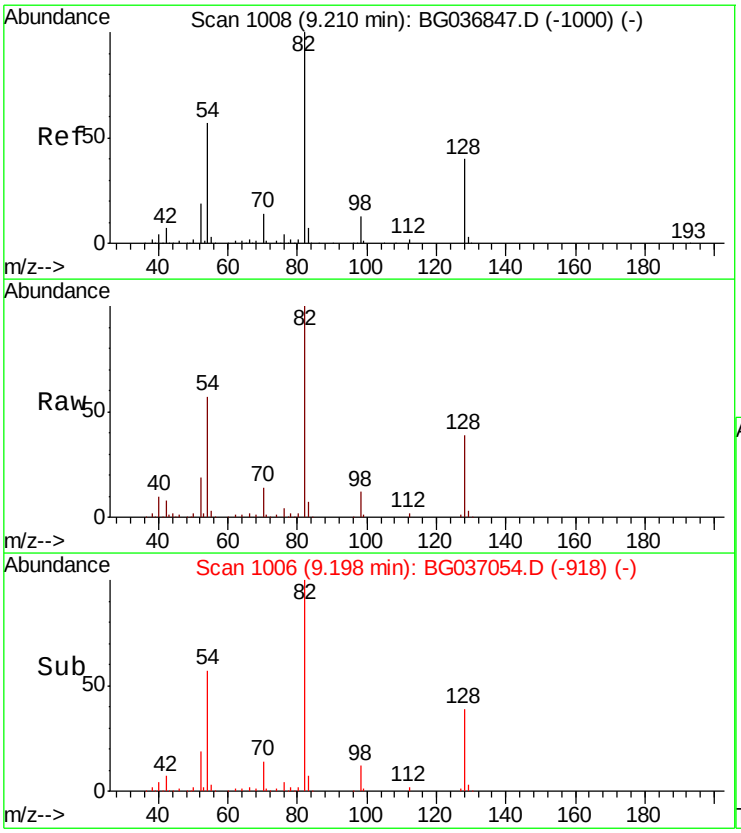
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037054.D
Acq: 28 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 174240

Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.8	13.2
54	11.6	9.2	13.8
68	6.9	5.8	8.6

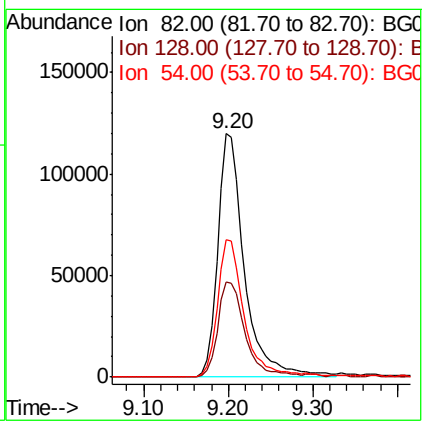


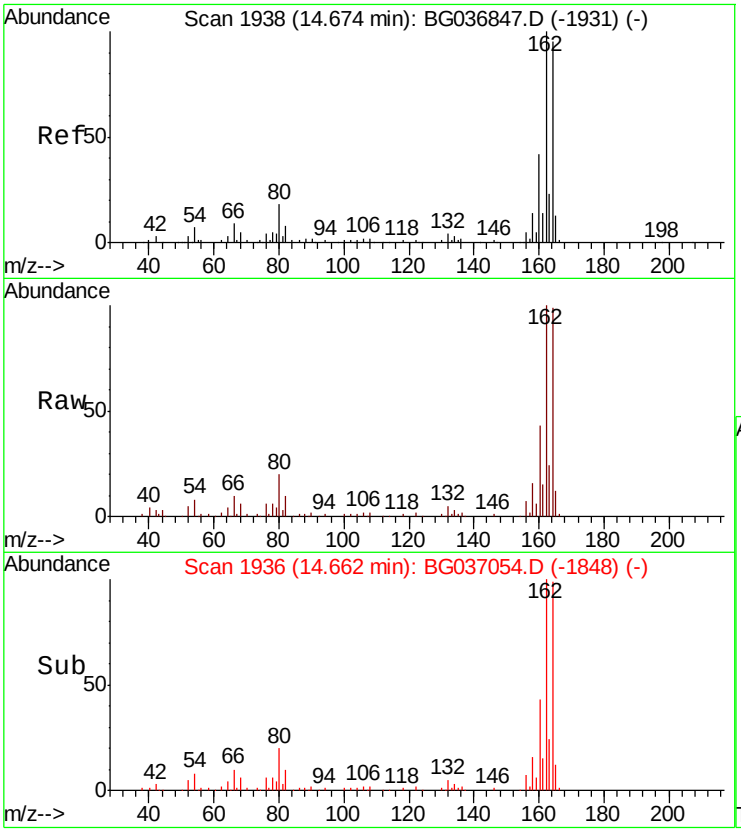


#23
Nitrobenzene-d5
Concen: 80.831 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037054.D
Acq: 28 Sep 2018 17:46

Tgt Ion: 82 Resp: 263001

Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.3	49.9
54	56.7	45.1	67.7



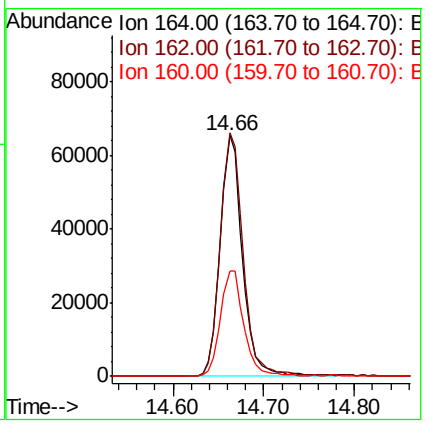


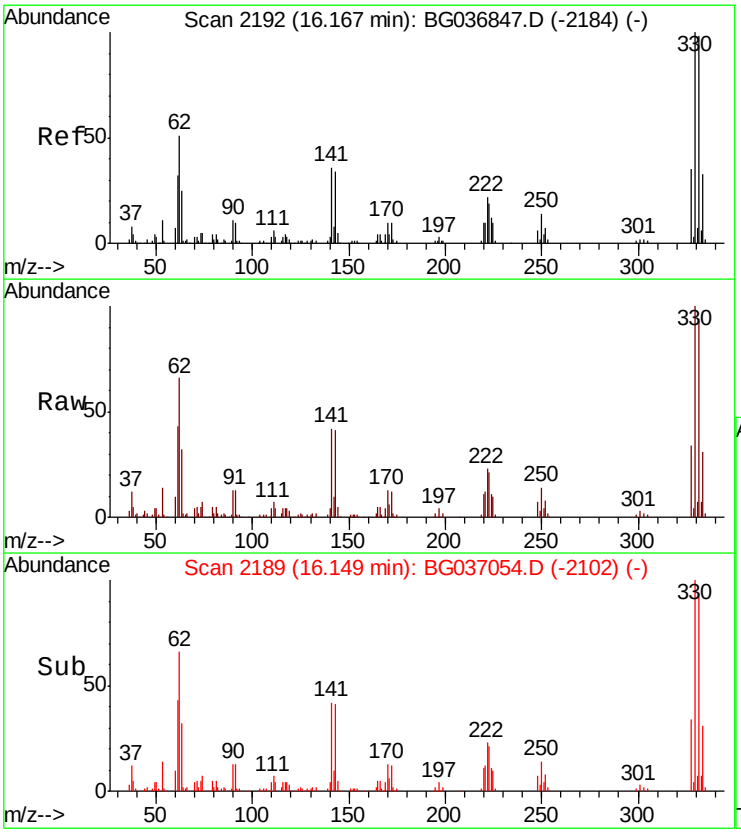
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037054.D
Acq: 28 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 111520

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.7	121.1
160	43.9	35.3	52.9

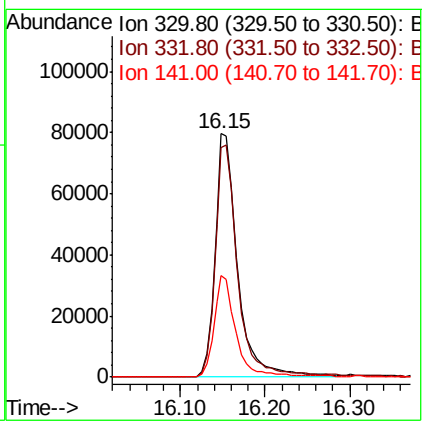


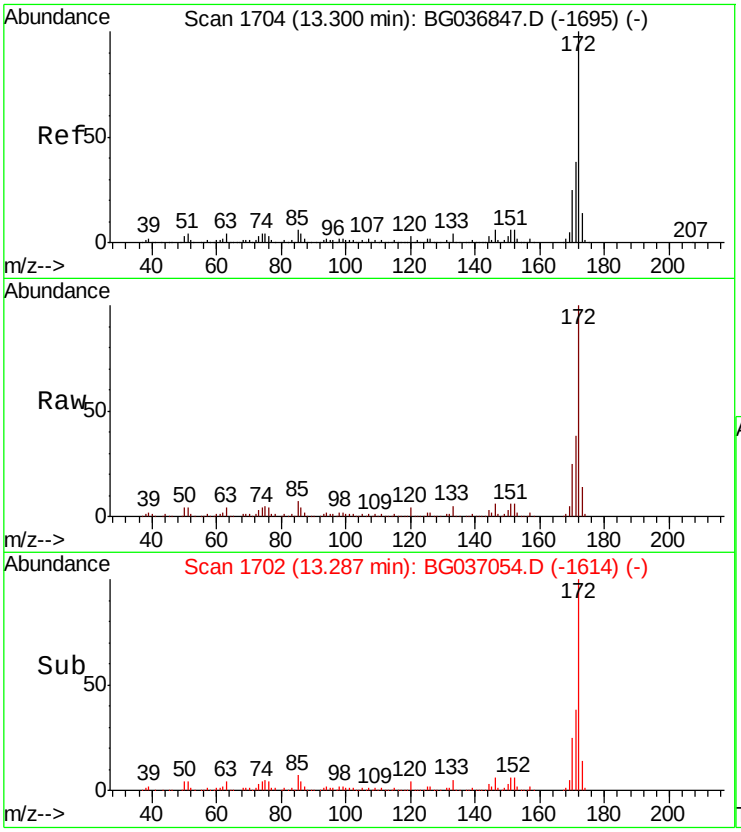


#41
2,4,6-Tribromophenol
Concen: 111.453 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BG037054.D
Acq: 28 Sep 2018 17:46

Tgt Ion:330 Resp: 148708

Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.4	113.2
141	39.9	30.7	46.1



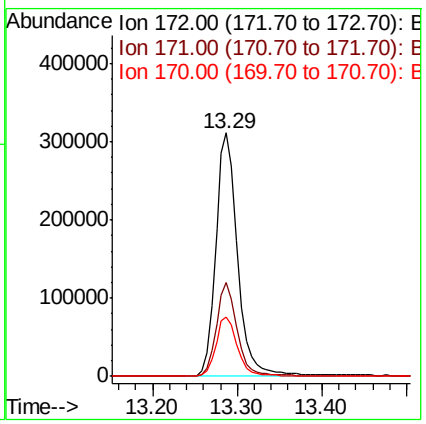


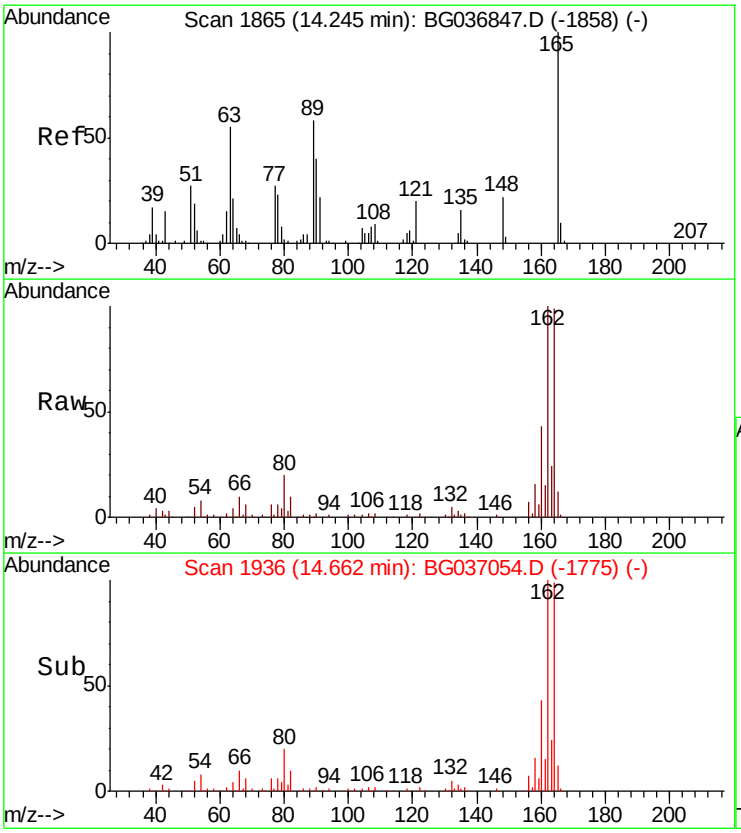
#44
2-Fluorobiphenyl
Concen: 75.002 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037054.D
Acq: 28 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 561585

Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	24.6	21.0	31.6

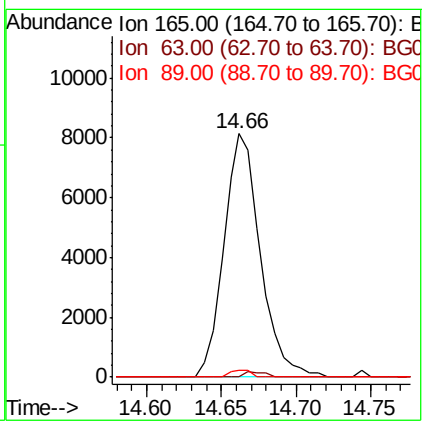


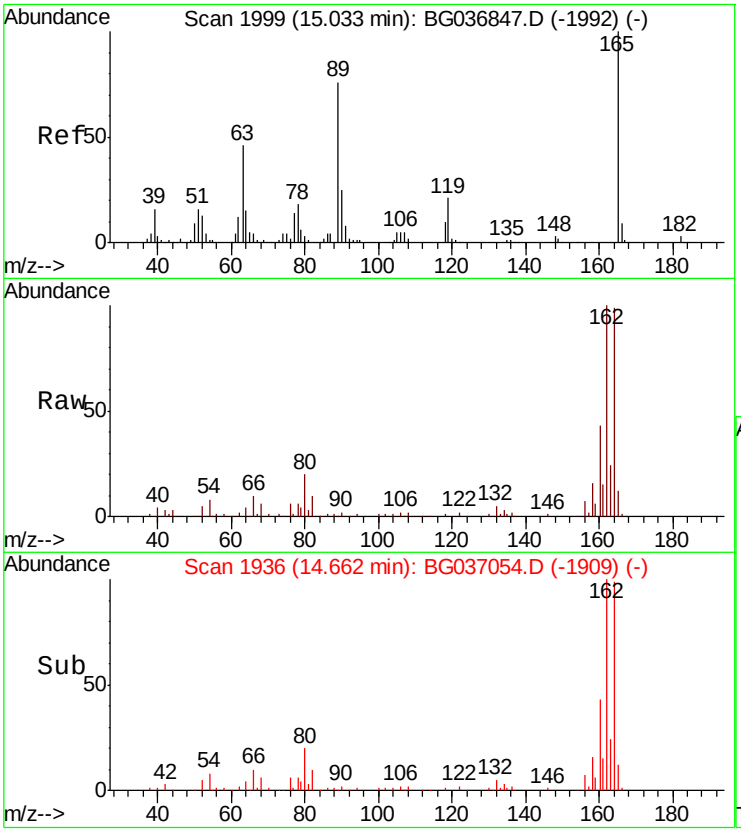


#50
2,6-Dinitrotoluene
Concen: 7.063 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.42 min
Lab File: BG037054.D
Acq: 28 Sep 2018 17:46

Tgt Ion:165 Resp: 13833

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	2.6	47.8	71.6#



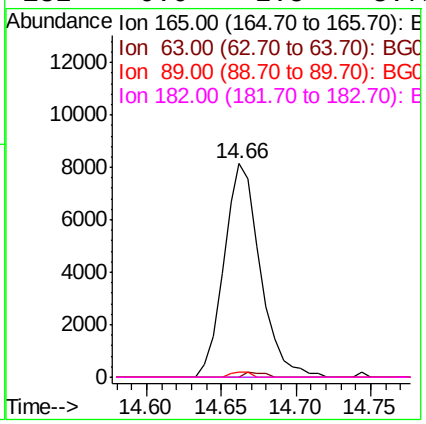


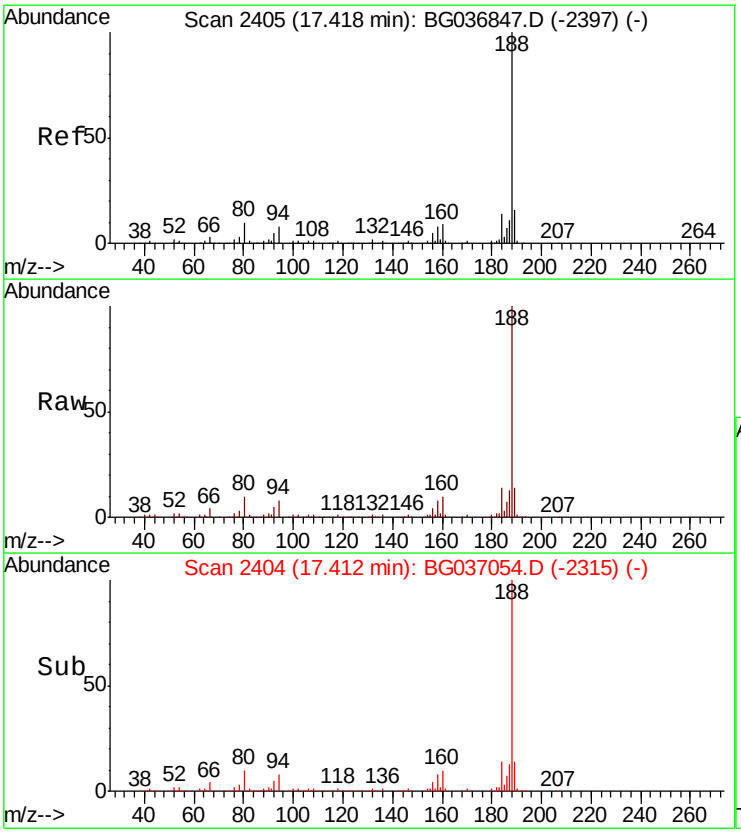
#56
2,4-Dinitrotoluene
Concen: 5.062 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037054.D
Acq: 28 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13833

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.6	63.7	95.5#
182	0.0	2.5	3.7#

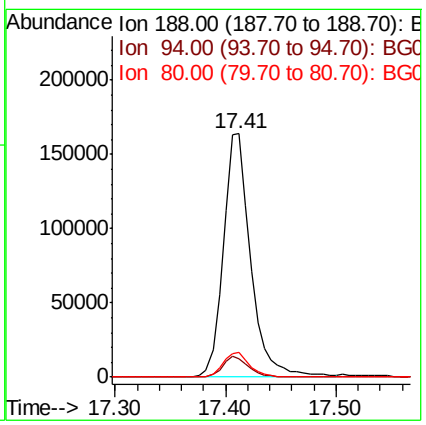


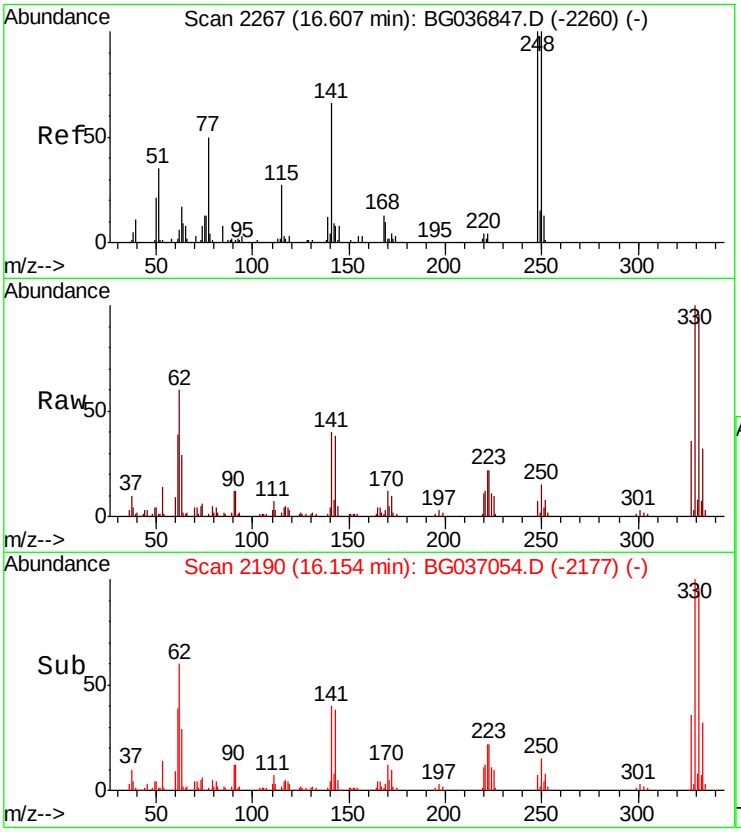


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037054.D
Acq: 28 Sep 2018 17:46

Tgt Ion:188 Resp: 284051

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	10.0	8.1	12.1



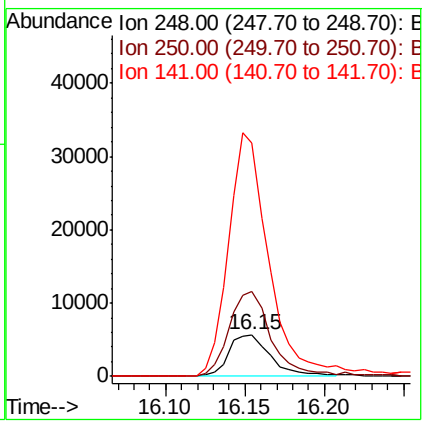


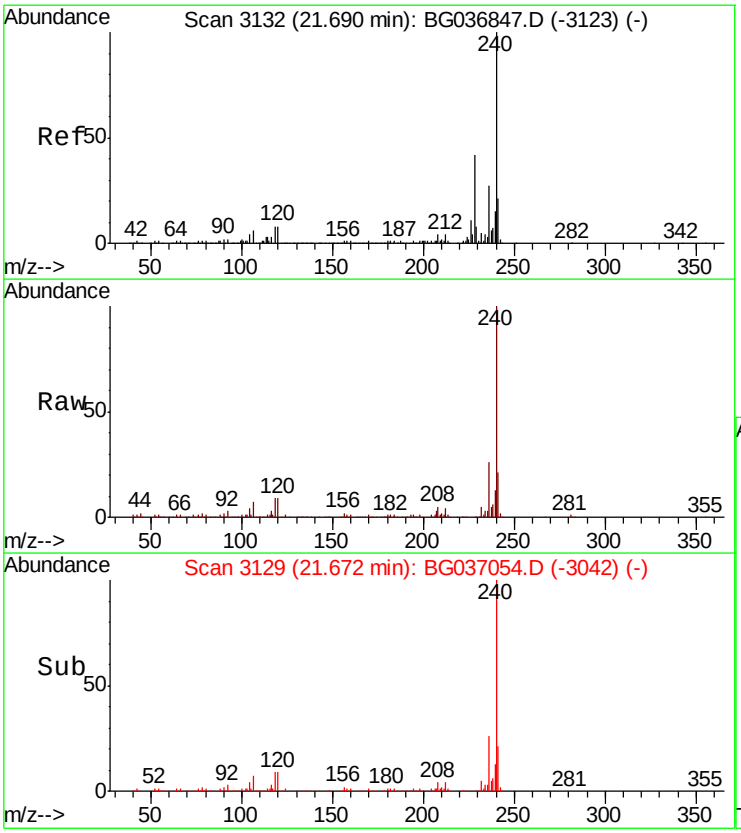
#66
4-Bromophenyl-phenylether
Concen: 3.225 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG037054.D
Acq: 28 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10421

Ion	Ratio	Lower	Upper
248	100		
250	204.6	78.1	117.1#
141	562.8	53.7	80.5#

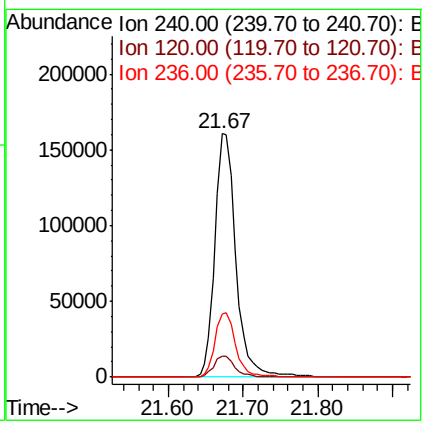


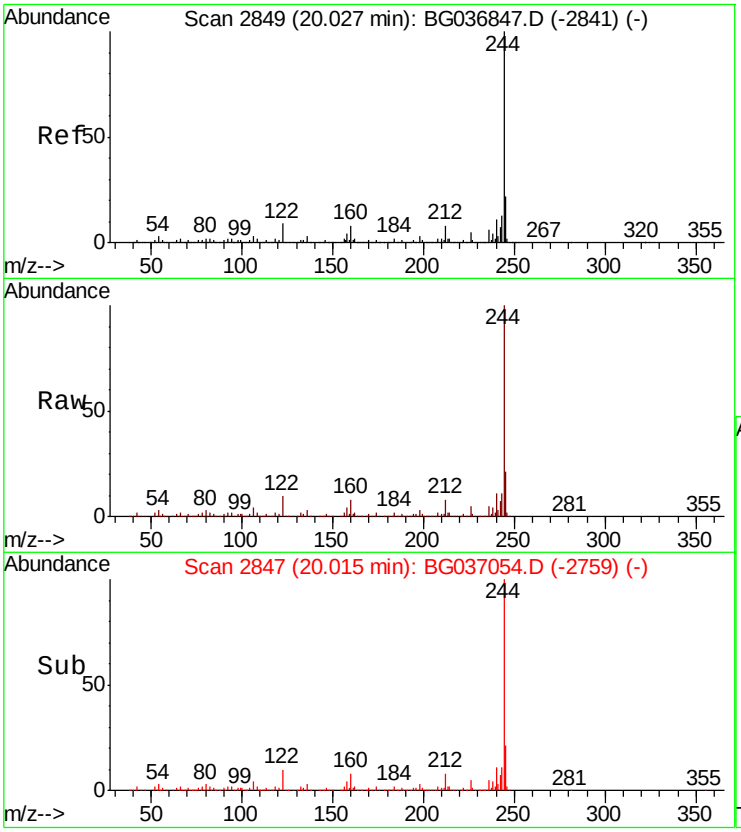


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037054.D
Acq: 28 Sep 2018 17:46

Tgt Ion:240 Resp: 314522

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.9	10.3
236	25.8	21.2	31.8



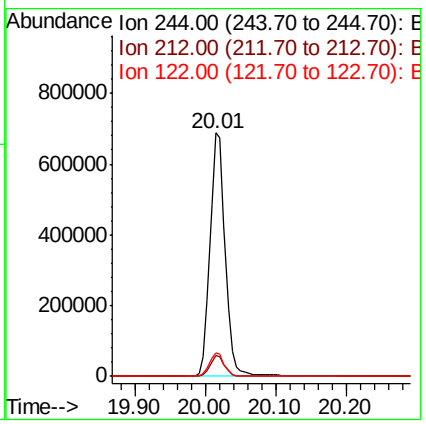


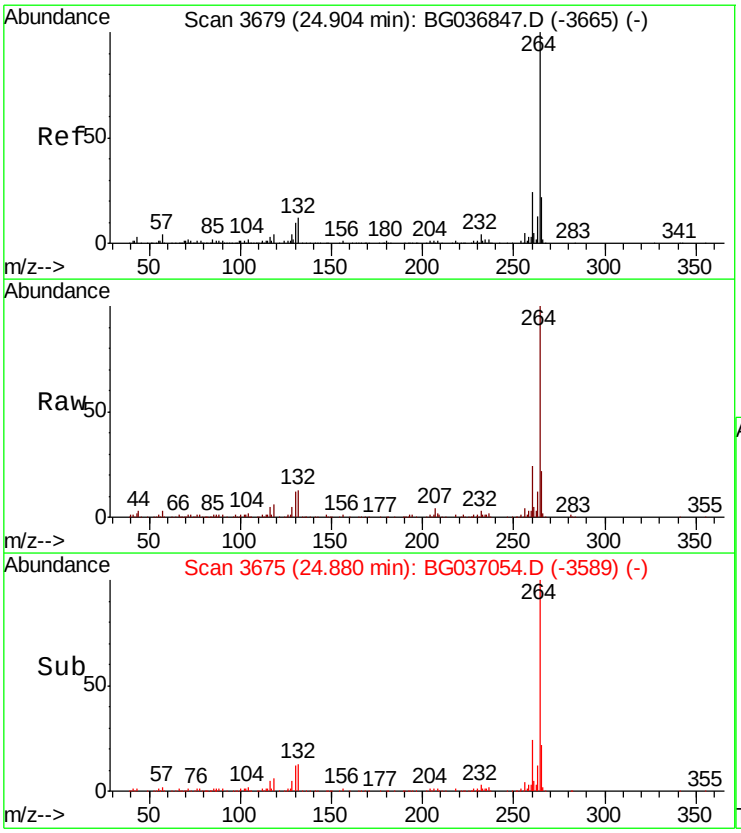
#78
Terphenyl-d14
Concen: 86.148 ng
RT: 20.01 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037054.D
Acq: 28 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1030441

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.6
122	9.8	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: BG037054.D
Acq: 28 Sep 2018 17:46

Tgt Ion:264 Resp: 308284

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.8	17.4	26.0