Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
Data File : BG037184.D
Acq On : 5 Oct 2018 11:16
Operator : JU/SJ
Sample : J5241-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 05 13:12:50 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	8.03	152	42666	20.00	ng		-0.01
21) Naphthalene-d8	10.84	136	173200	20.00	ng		-0.02
38) Acenaphthene-d10	14.65	164	113540	20.00	ng		-0.02
63) Phenanthrene-d10	17.40	188	298223	20.00	ng		-0.01
75) Chrysene-d12	21.66	240	322787	20.00	ng		-0.03
86) Perylene-d12	24.86	264	317136	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	110485	49.66	ng		-0.01
7) Phenol-d6	7.19	99	89338	25.95	ng		-0.02
23) Nitrobenzene-d5	9.19	82	361252	111.69	ng		-0.02
41) 2,4,6-Tribromophenol	16.15	330	151725	111.69	ng		-0.02
44) 2-Fluorobiphenyl	13.28	172	746310	97.90	ng		-0.02
78) Terphenyl-d14	20.01	244	1413502	115.15	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	48844	17.058	ng	#	73
49) Dimethylphthalate	14.10	163	58263	6.375	ng		99
56) 2,4-Dinitrotoluene	14.65	165	14675	5.274	ng	#	18
66) 4-Bromophenyl-phenylether	16.14	248	10532	3.105	ng	#	1
76) Benzidine	20.01	184	25658	2.629	ng	#	94

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

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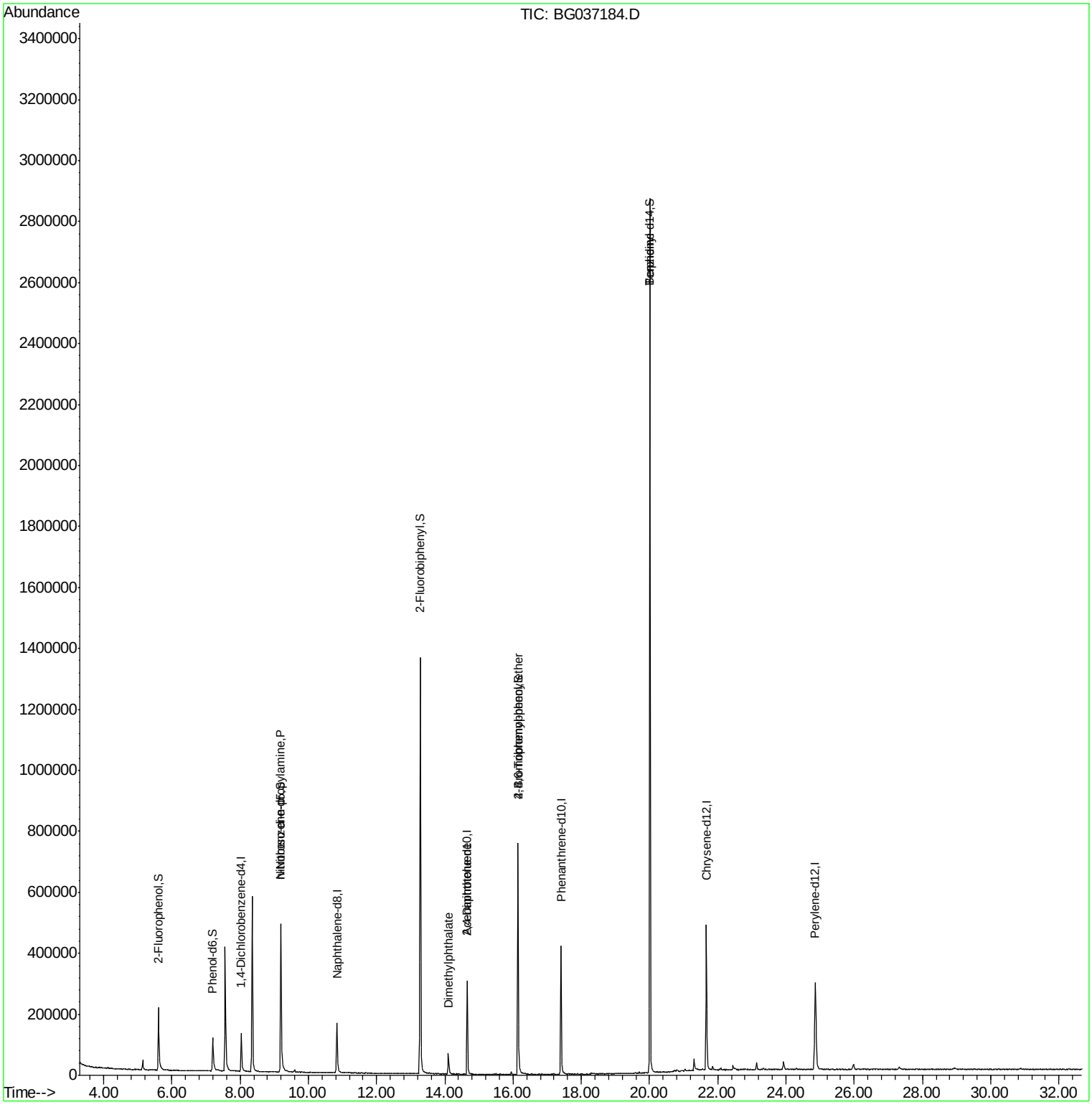
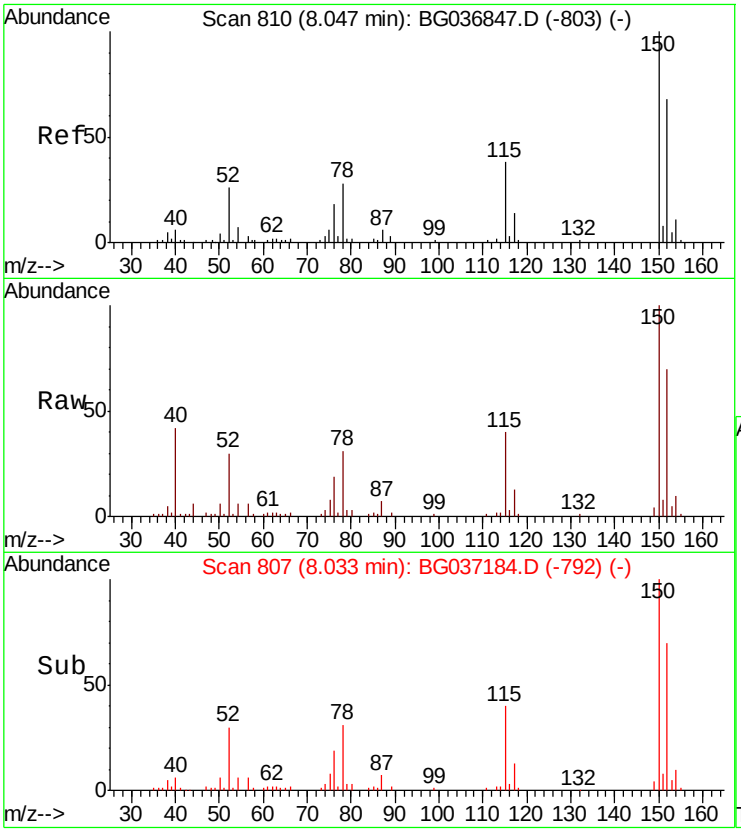


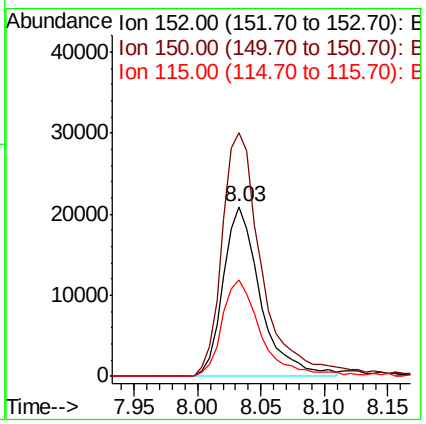


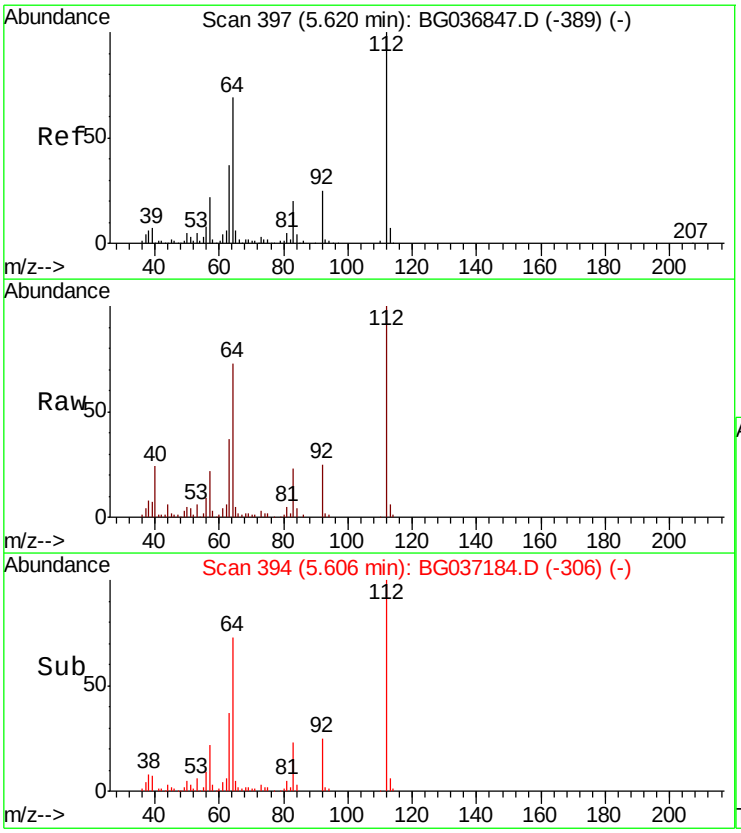
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG037184.D
Acq: 5 Oct 2018 11:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 42666

Ion	Ratio	Lower	Upper
152	100		
150	143.2	119.5	179.3
115	56.6	44.5	66.7

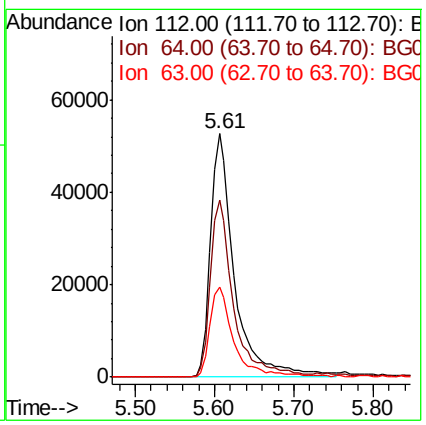


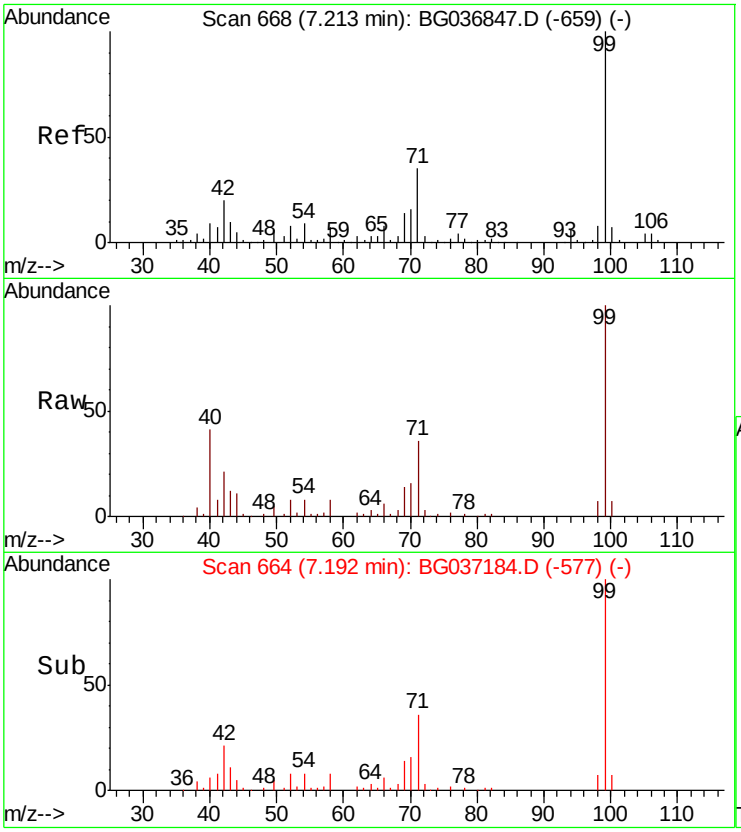


#5
2-Fluorophenol
Concen: 49.662 ng
RT: 5.61 min Scan# 394
Delta R.T. -0.01 min
Lab File: BG037184.D
Acq: 5 Oct 2018 11:16

Tgt Ion:112 Resp: 110485

Ion	Ratio	Lower	Upper
112	100		
64	72.7	57.2	85.8
63	37.0	30.8	46.2



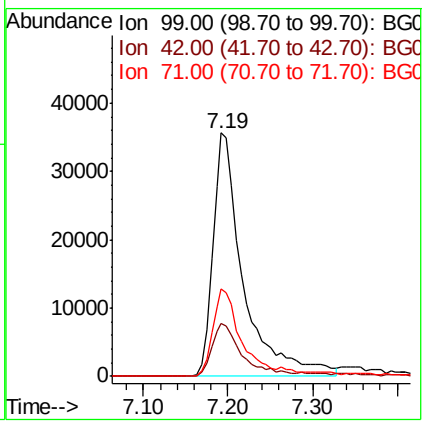


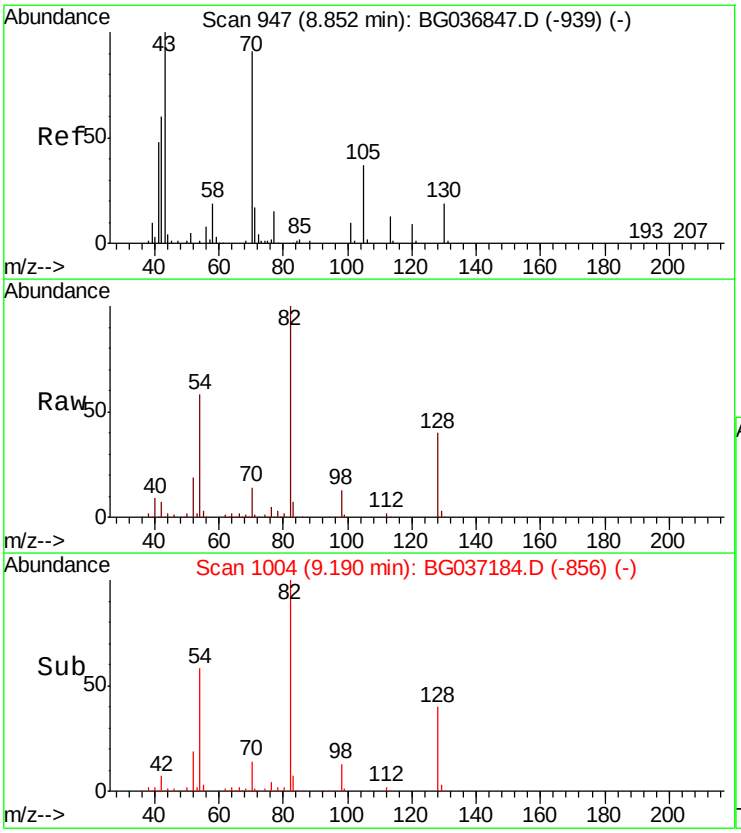
#7
Phenol-d6
Concen: 25.955 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.02 min
Lab File: BG037184.D
Acq: 5 Oct 2018 11:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 89338

Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.5	24.7
71	35.7	29.4	44.2

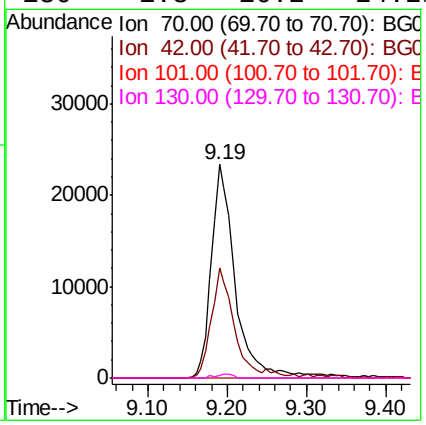


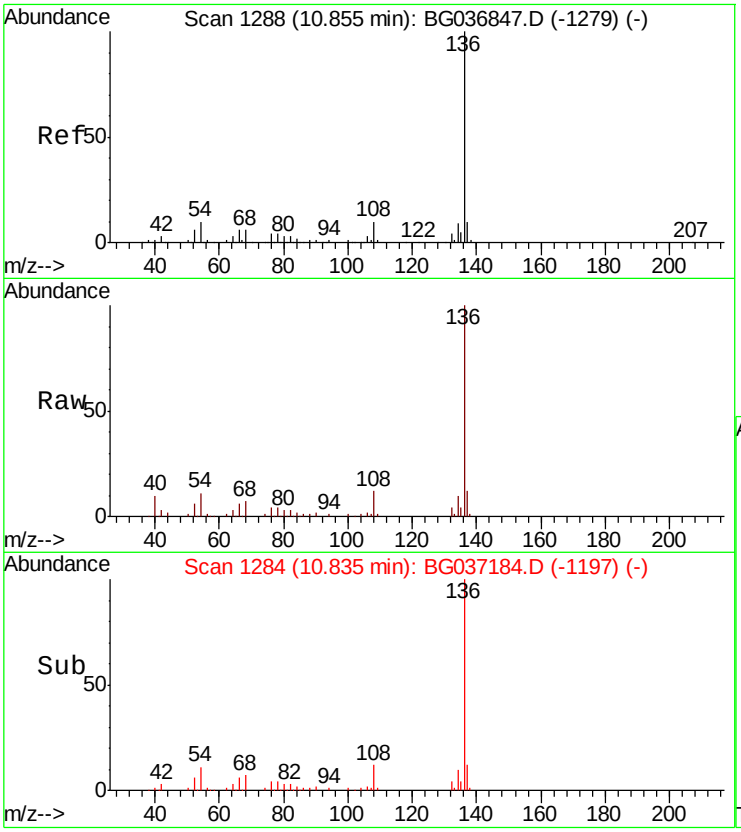


#19
n-Nitroso-di-n-propylamine
Concen: 17.058 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.34 min
Lab File: BG037184.D
Acq: 5 Oct 2018 11:16

Tgt Ion: 70 Resp: 48844

Ion	Ratio	Lower	Upper
70	100		
42	51.8	56.2	84.4#
101	0.0	7.8	11.6#
130	1.3	16.2	24.2#



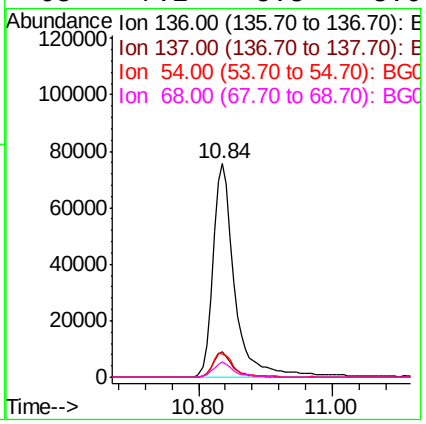


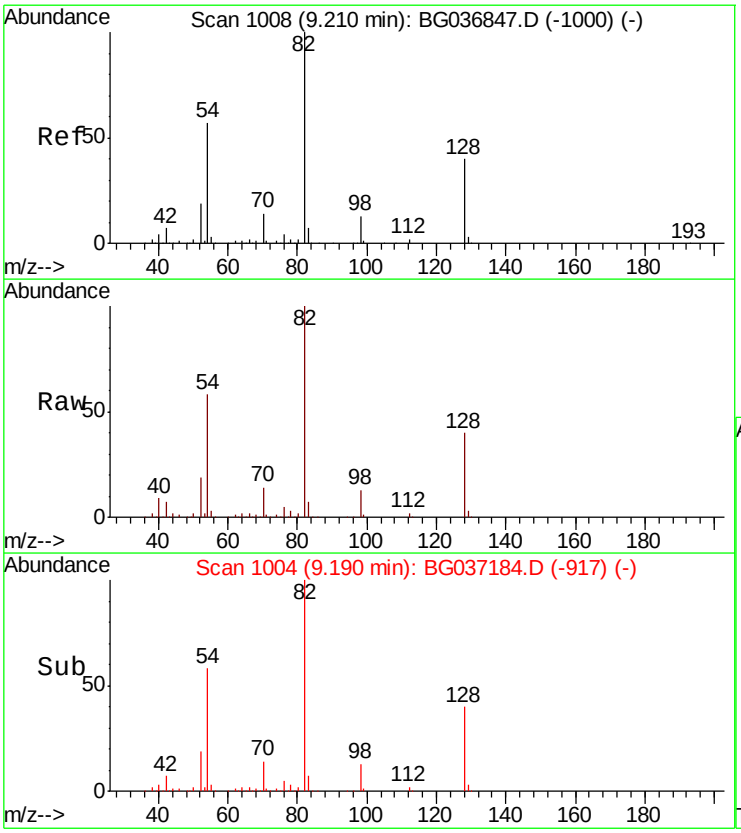
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037184.D
Acq: 5 Oct 2018 11:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 173200

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	10.5	9.2	13.8
68	7.2	5.8	8.6

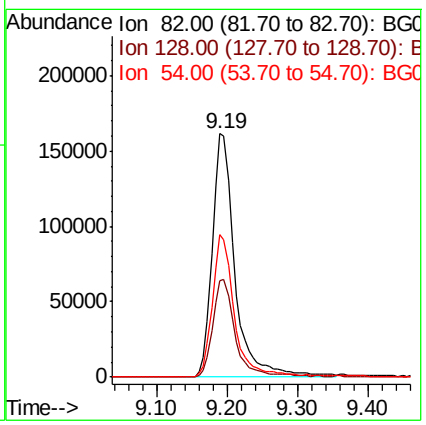


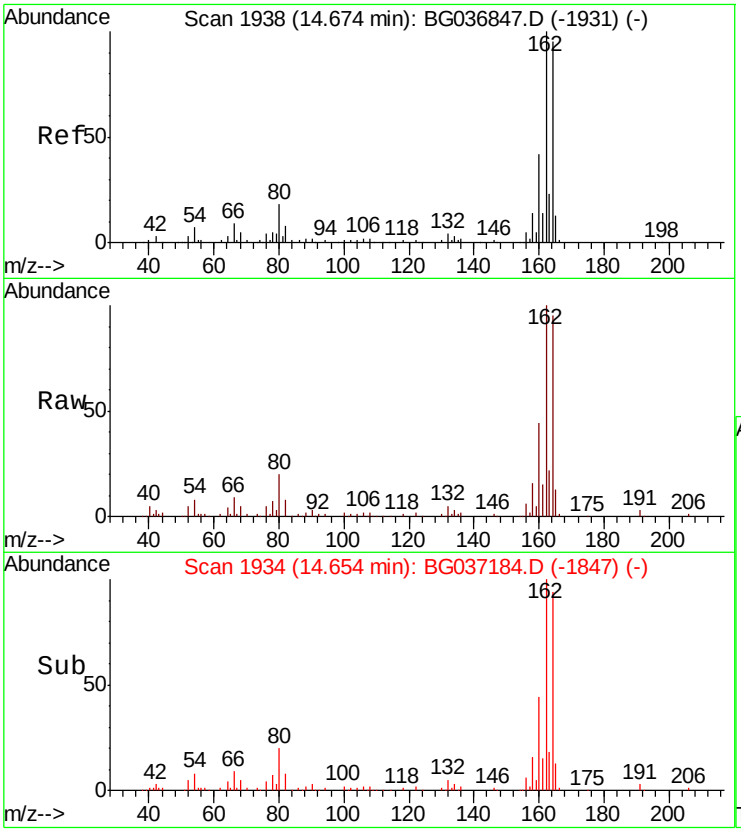


#23
Nitrobenzene-d5
Concen: 111.694 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BG037184.D
Acq: 5 Oct 2018 11:16

Tgt Ion: 82 Resp: 361252

Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.3	49.9
54	58.4	45.1	67.7



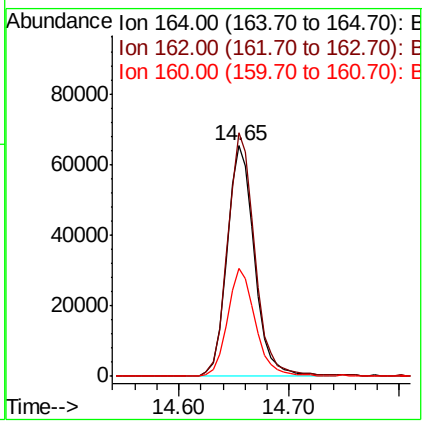


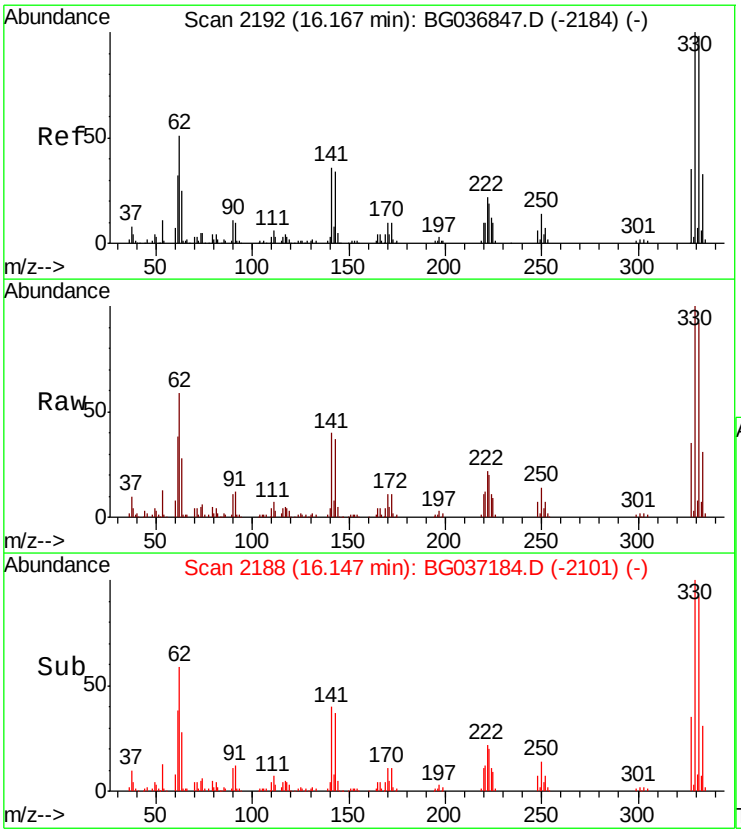
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BG037184.D
Acq: 5 Oct 2018 11:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 113540

Ion	Ratio	Lower	Upper
164	100		
162	105.7	80.7	121.1
160	46.6	35.3	52.9

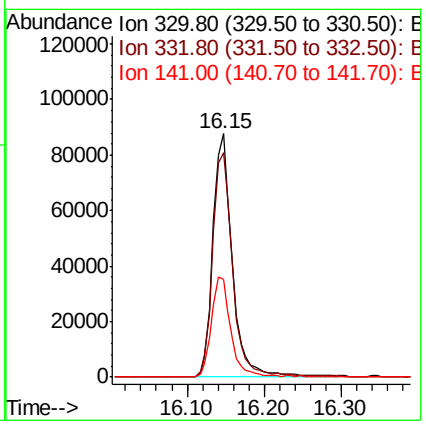


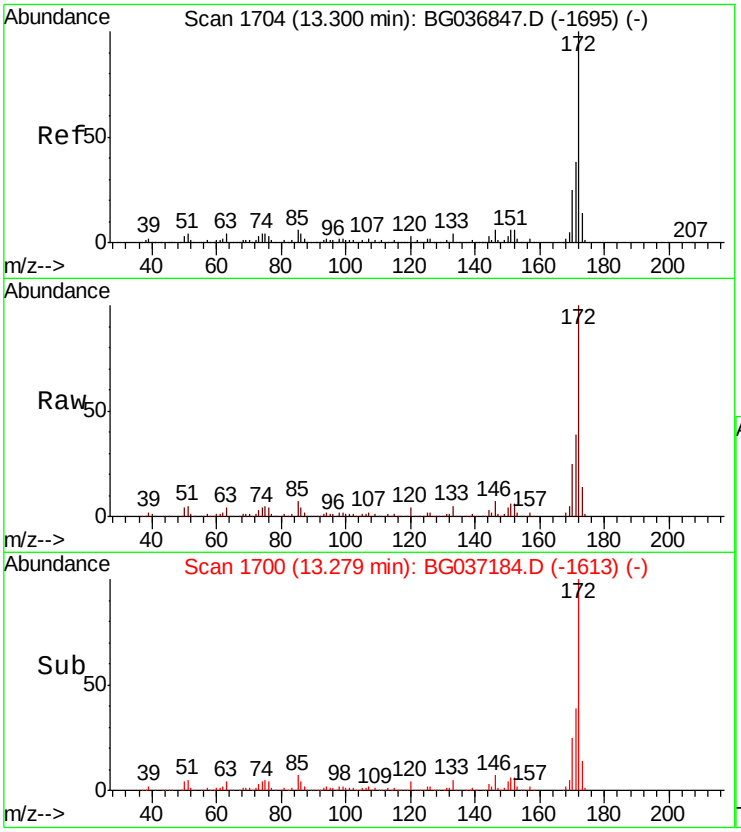


#41
2,4,6-Tribromophenol
Concen: 111.691 ng
RT: 16.15 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BG037184.D
Acq: 5 Oct 2018 11:16

Tgt Ion:330 Resp: 151725

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.4	113.2
141	40.8	30.7	46.1



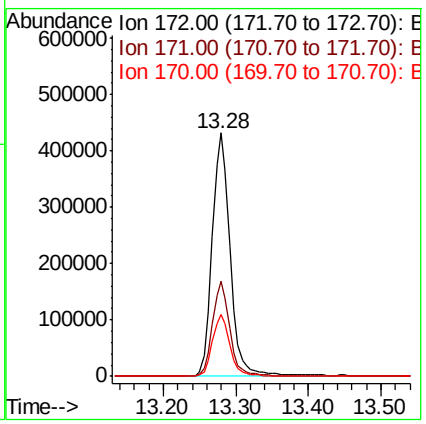


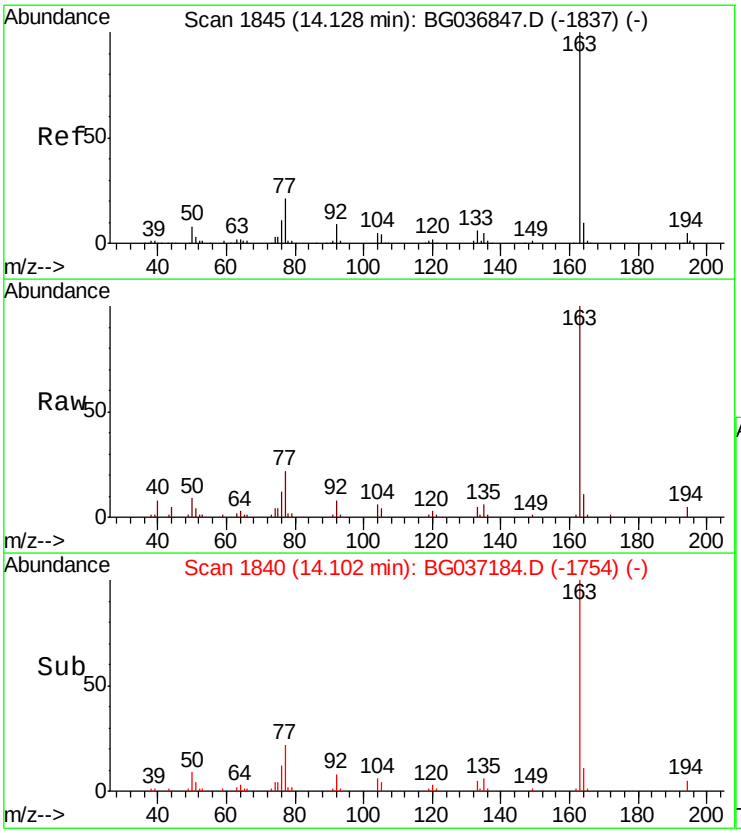
#44
2-Fluorobiphenyl
Concen: 97.899 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.02 min
Lab File: BG037184.D
Acq: 5 Oct 2018 11:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 746310

Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.3	46.9
170	25.4	21.0	31.6

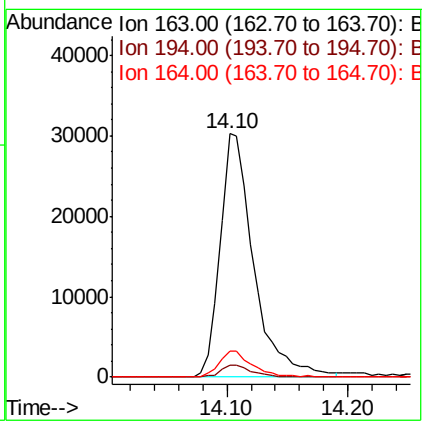


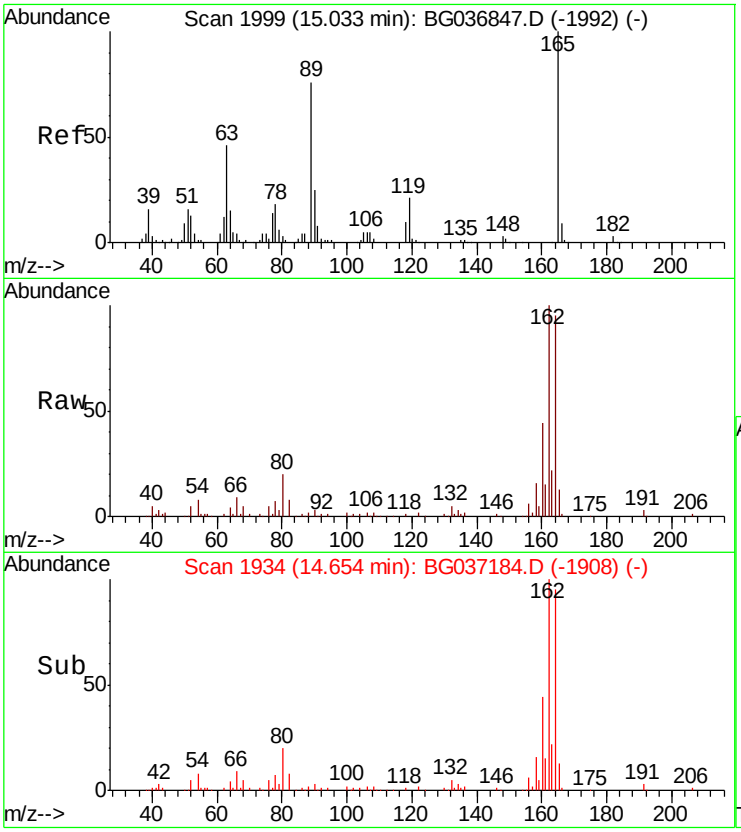


#49
Dimethylphthalate
Concen: 6.375 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.03 min
Lab File: BG037184.D
Acq: 5 Oct 2018 11:16

Tgt Ion:163 Resp: 58263

Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.0	6.0
164	10.7	8.1	12.1



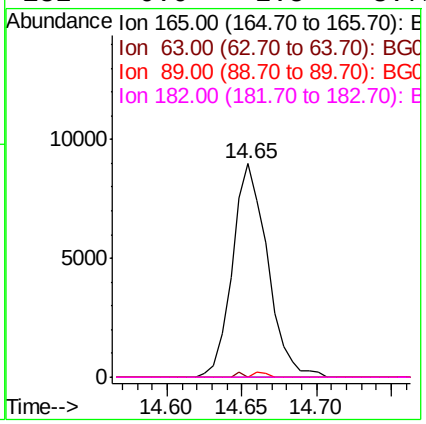


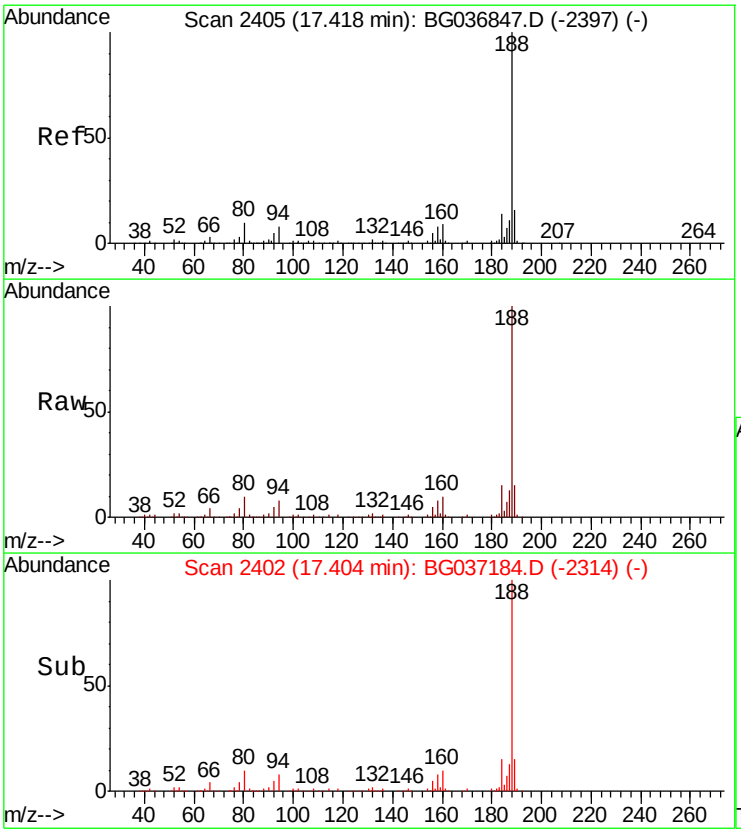
#56
2,4-Dinitrotoluene
Concen: 5.274 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.38 min
Lab File: BG037184.D
Acq: 5 Oct 2018 11:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14675

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

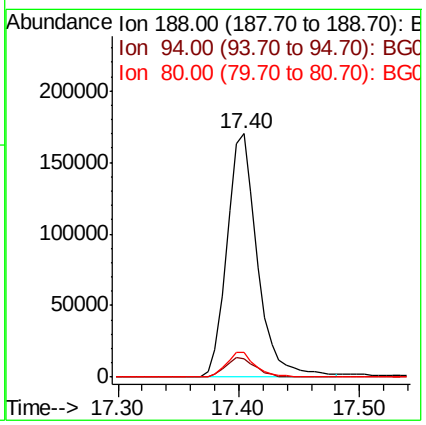


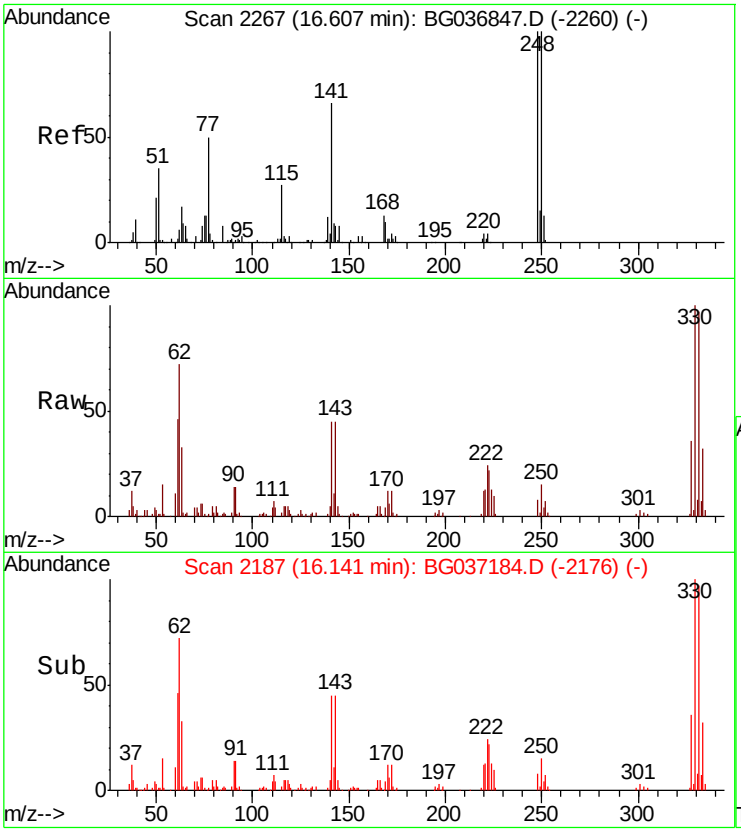


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BG037184.D
Acq: 5 Oct 2018 11:16

Tgt Ion:188 Resp: 298223

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	10.2	8.1	12.1



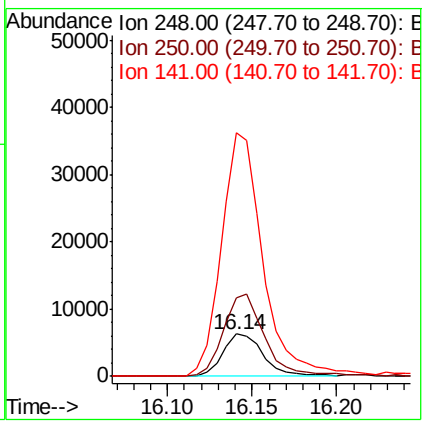


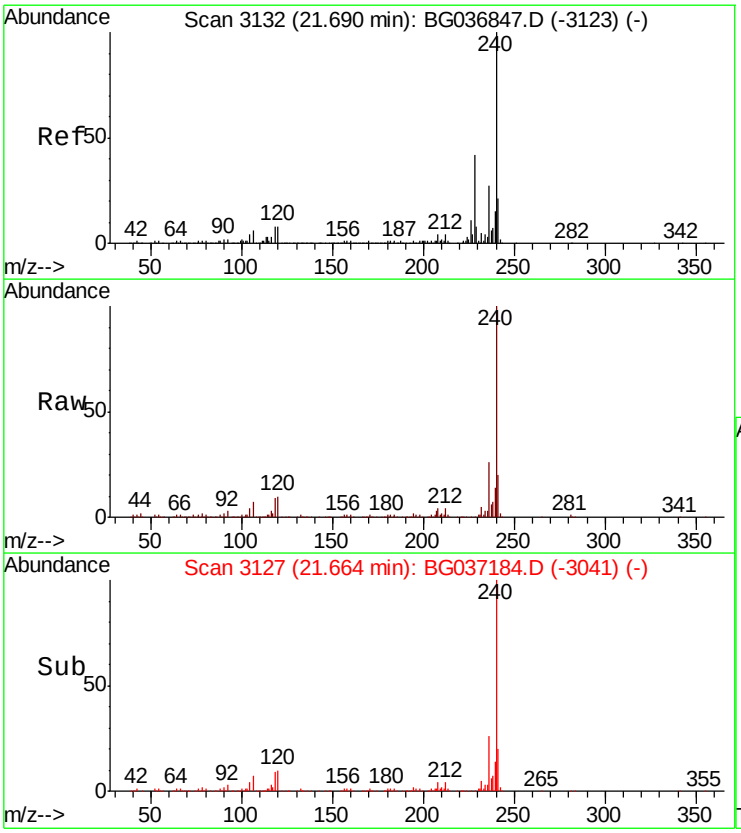
#66
4-Bromophenyl-phenylether
Concen: 3.105 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.47 min
Lab File: BG037184.D
Acq: 5 Oct 2018 11:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10532

Ion	Ratio	Lower	Upper
248	100		
250	186.7	78.1	117.1#
141	578.9	53.7	80.5#

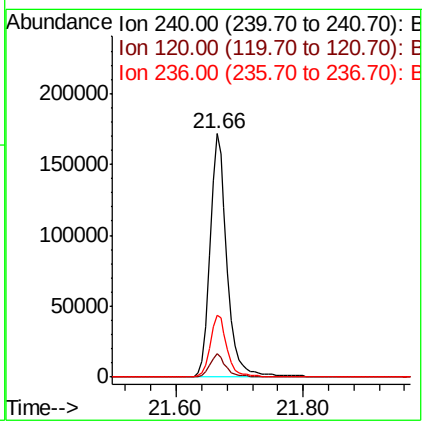


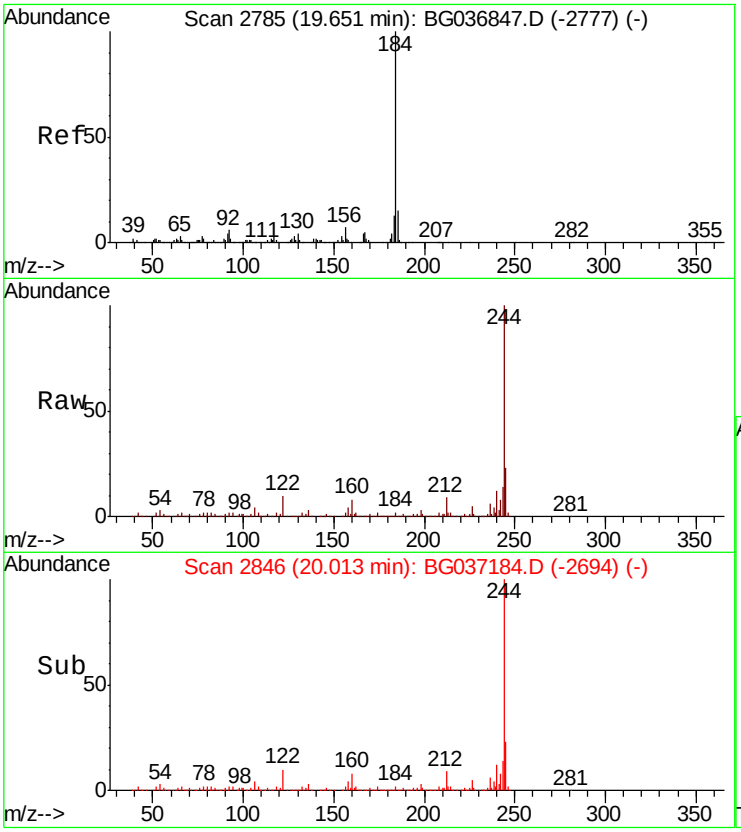


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BG037184.D
Acq: 5 Oct 2018 11:16

Tgt Ion:240 Resp: 322787

Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.9	10.3
236	25.5	21.2	31.8



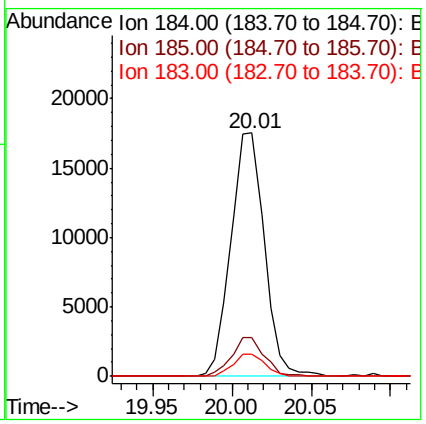


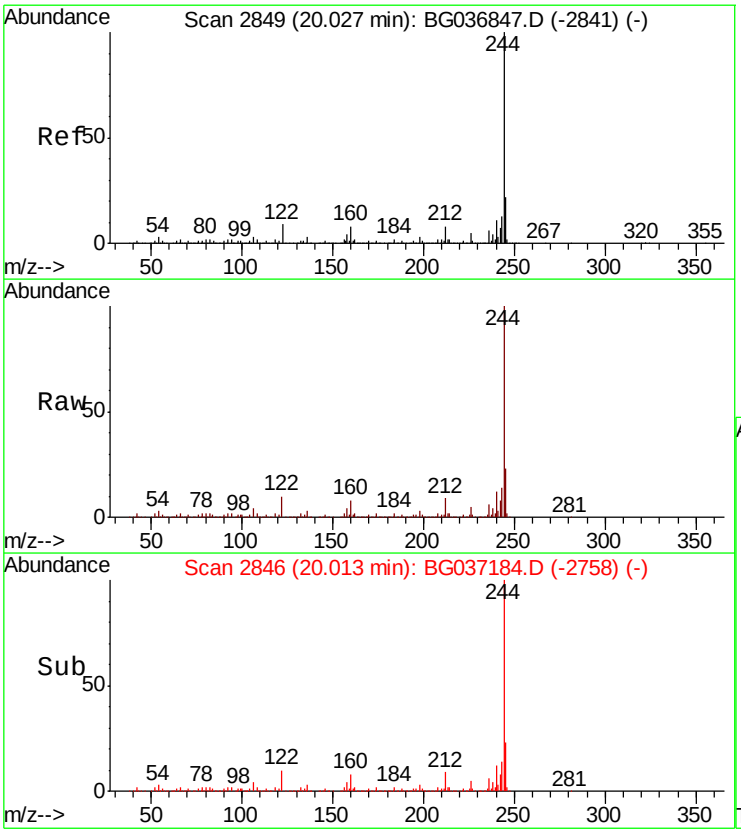
#76
Benzidine
Concen: 2.629 ng
RT: 20.01 min Scan# 2846
Delta R.T. 0.36 min
Lab File: BG037184.D
Acq: 5 Oct 2018 11:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 25658

Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.6	18.8
183	9.3	10.9	16.3#

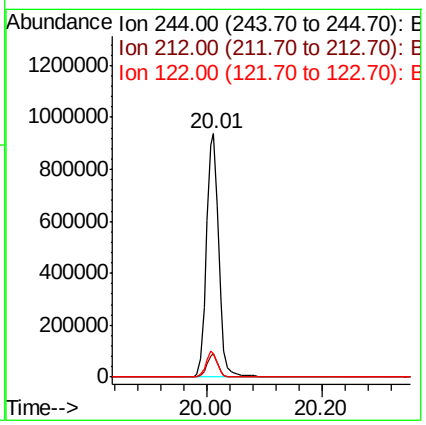


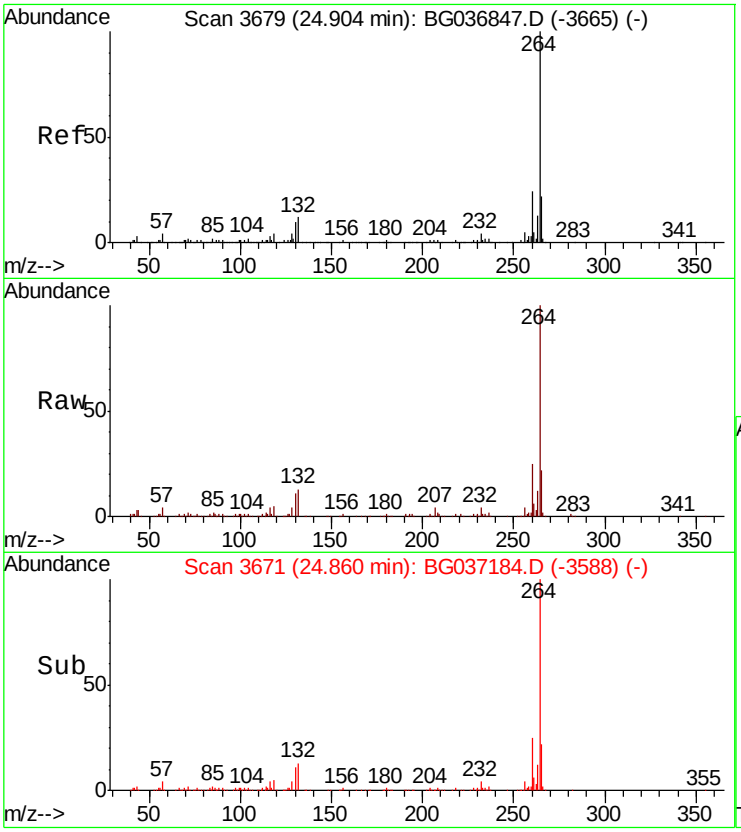


#78
Terphenyl-d14
Concen: 115.147 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BG037184.D
Acq: 5 Oct 2018 11:16

Tgt Ion:244 Resp: 1413502

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.6
122	9.8	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3671
Delta R.T. -0.04 min
Lab File: BG037184.D
Acq: 5 Oct 2018 11:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 317136

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	22.2	17.4	26.0