Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
Data File : BG037012.D
Acq On : 27 Sep 2018 11:23
Operator : JU/SJ
Sample : J4773-14
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 27 13:12:48 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	40504	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	161502	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	103703	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	268049	20.00	ng	0.00
75) Chrysene-d12	21.68	240	290086	20.00	ng	-0.01
86) Perylene-d12	24.88	264	273887	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	274637	130.04	ng	0.00
7) Phenol-d6	7.20	99	346753	106.12	ng	-0.01
23) Nitrobenzene-d5	9.20	82	285387	94.63	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	150437	121.25	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	604304	86.79	ng	-0.01
78) Terphenyl-d14	20.02	244	1087285	98.56	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	38112	14.020	ng	# 73
50) 2,6-Dinitrotoluene	14.66	165	12910	7.089	ng	# 20
56) 2,4-Dinitrotoluene	14.66	165	12910	5.080	ng	# 18
76) Benzidine	20.02	184	19312	2.202	ng	# 93

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

Quantitation Report (Not Reviewed)

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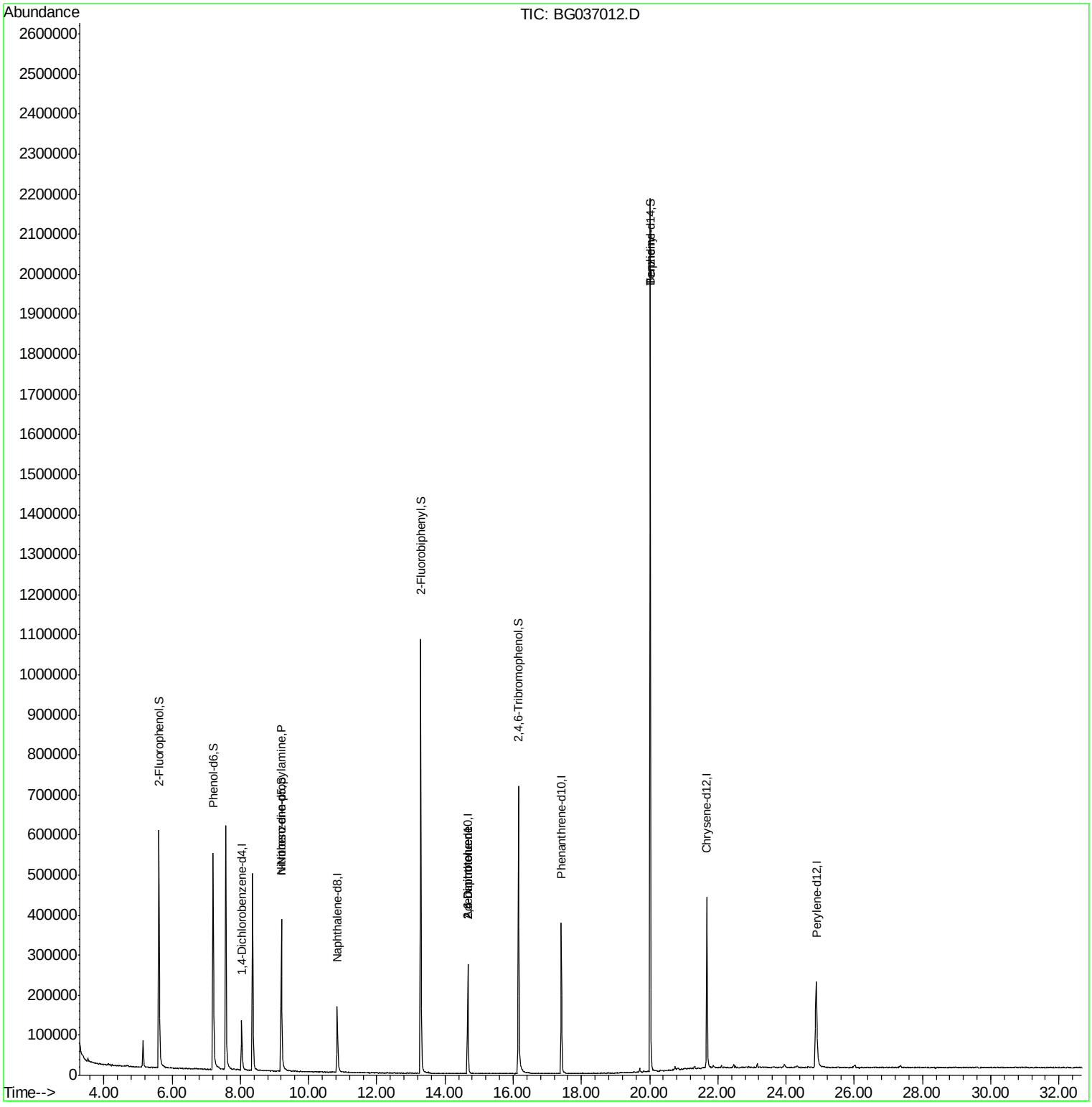
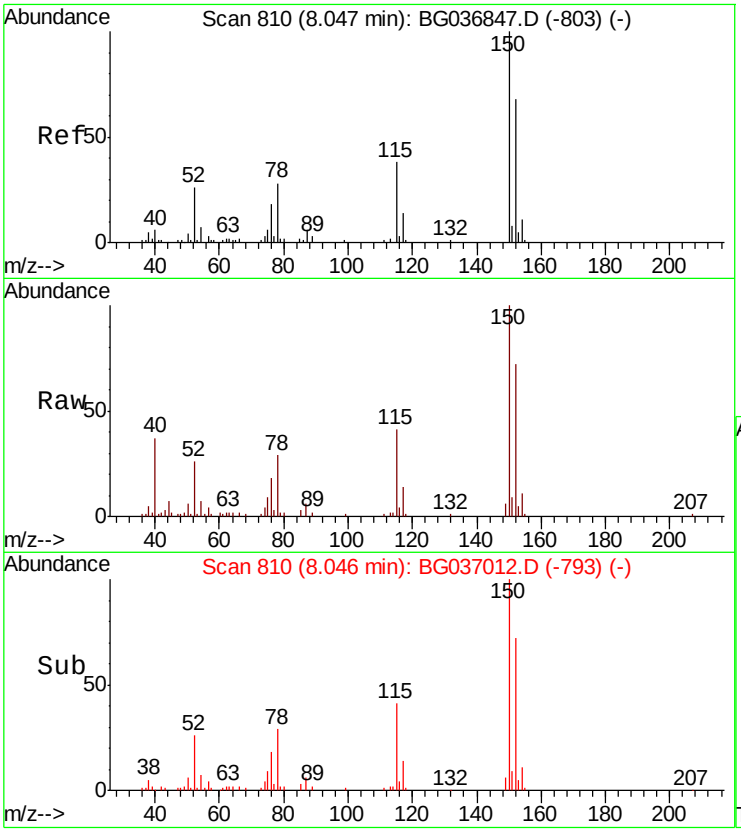


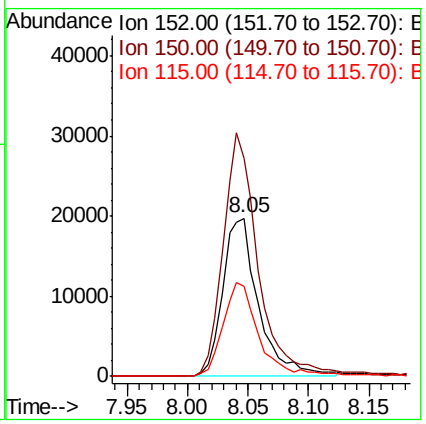


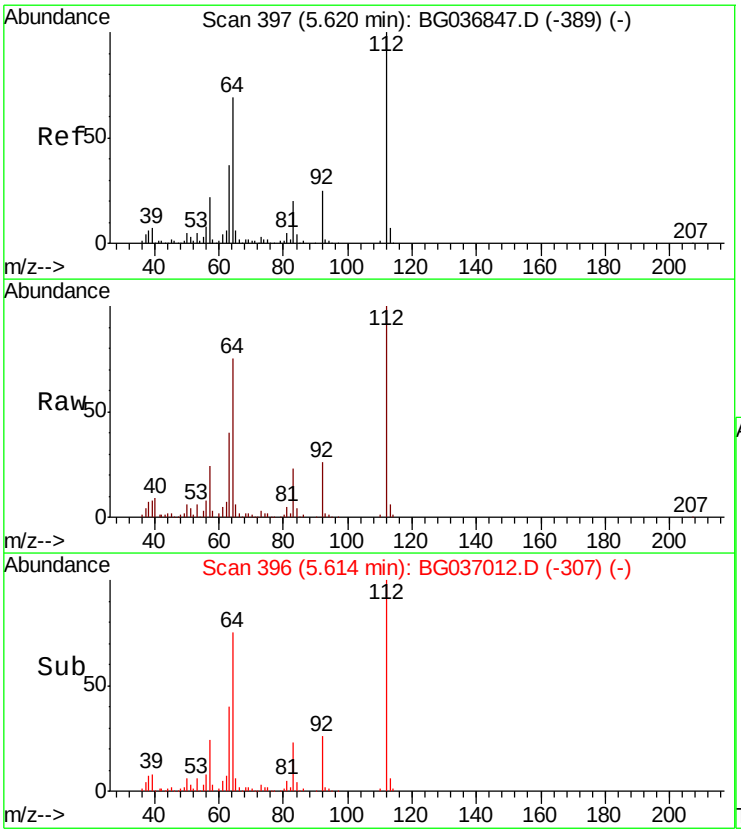
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG037012.D
Acq: 27 Sep 2018 11:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 40504

Ion	Ratio	Lower	Upper
152	100		
150	138.1	119.5	179.3
115	56.7	44.5	66.7

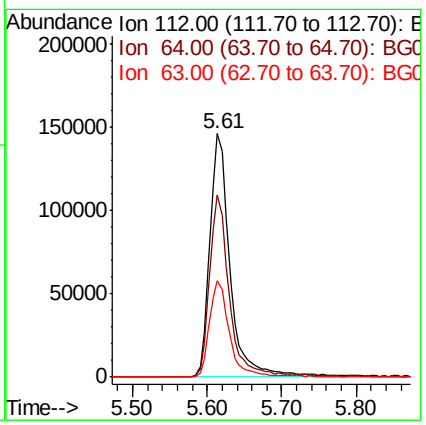


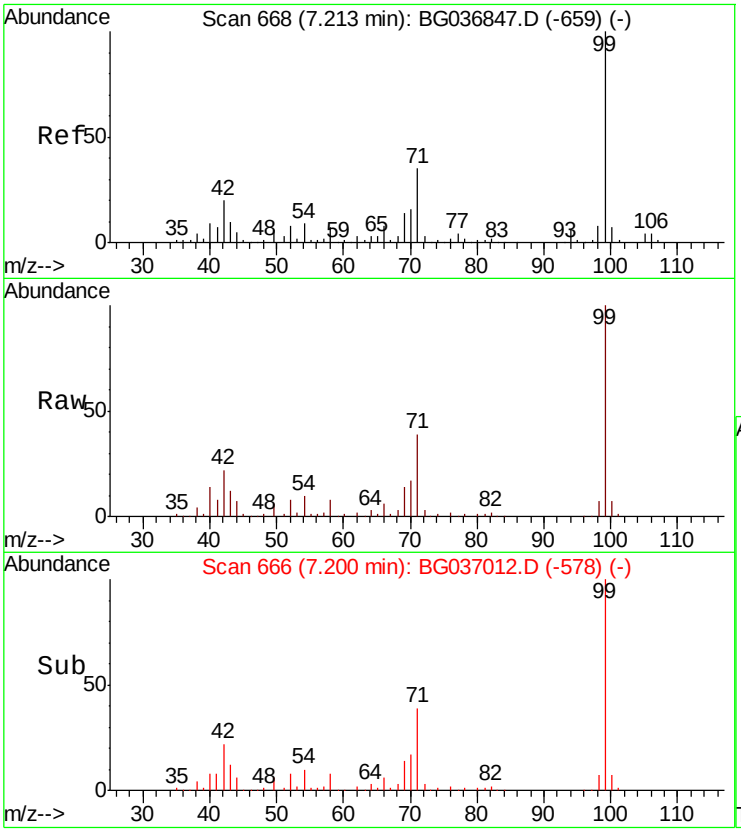


#5
2-Fluorophenol
Concen: 130.035 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037012.D
Acq: 27 Sep 2018 11:23

Tgt Ion:112 Resp: 274637

Ion	Ratio	Lower	Upper
112	100		
64	74.6	57.2	85.8
63	39.5	30.8	46.2



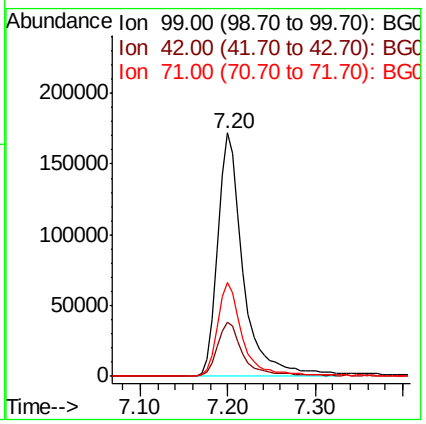


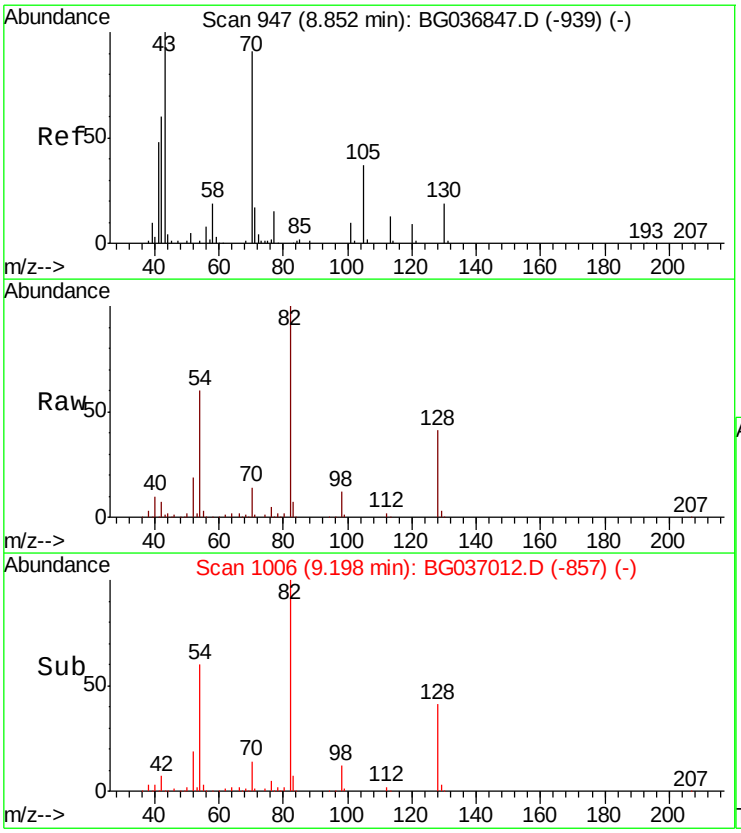
#7
Phenol-d6
Concen: 106.117 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG037012.D
Acq: 27 Sep 2018 11:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 346753

Ion	Ratio	Lower	Upper
99	100		
42	22.3	16.5	24.7
71	38.5	29.4	44.2

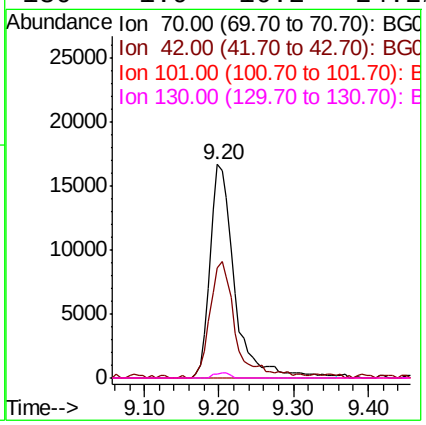


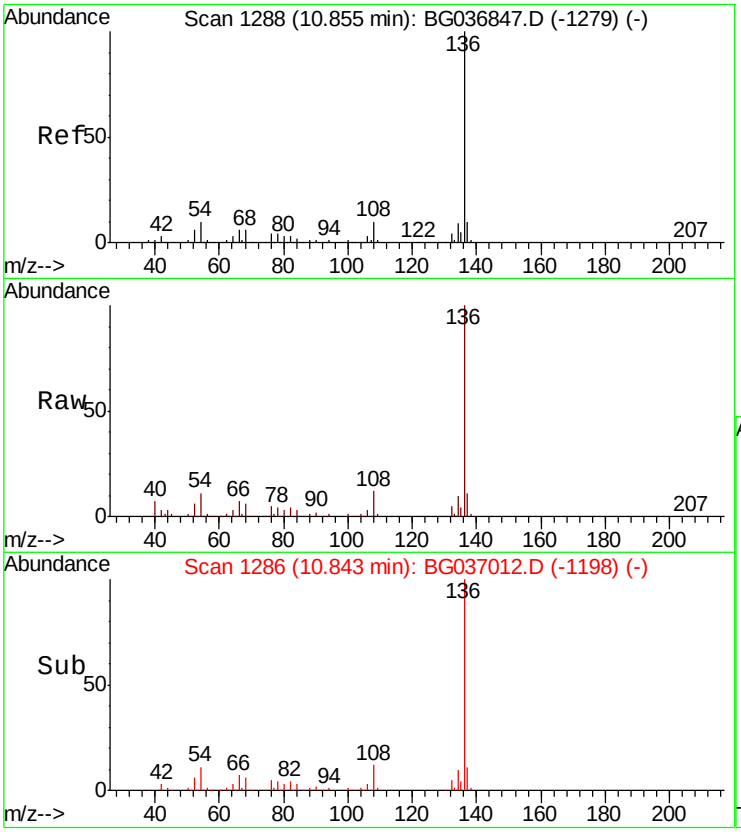


#19
n-Nitroso-di-n-propylamine
Concen: 14.020 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.35 min
Lab File: BG037012.D
Acq: 27 Sep 2018 11:23

Tgt Ion: 70 Resp: 38112

Ion	Ratio	Lower	Upper
70	100		
42	51.4	56.2	84.4#
101	0.0	7.8	11.6#
130	1.9	16.2	24.2#



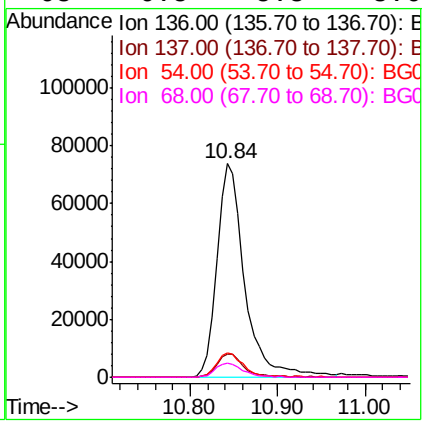


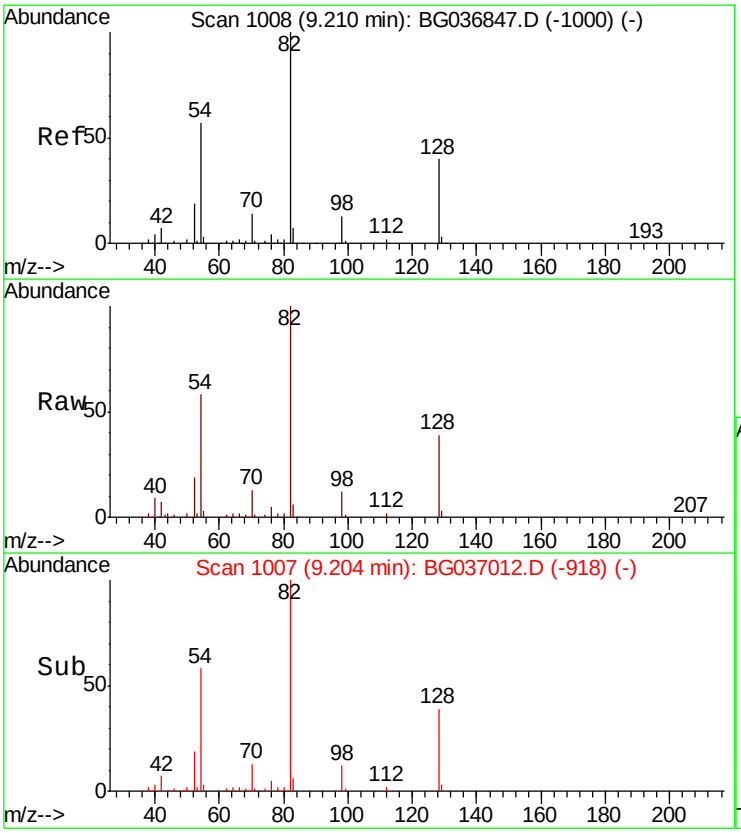
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037012.D
Acq: 27 Sep 2018 11:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 161502

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.2	9.2	13.8
68	6.5	5.8	8.6

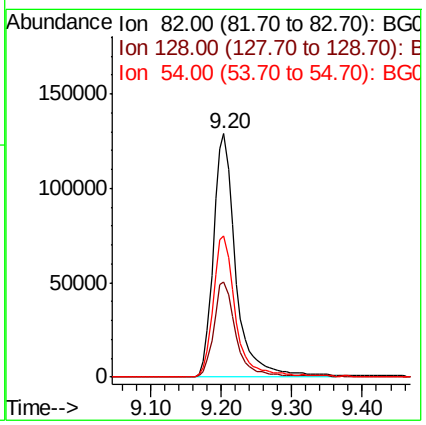


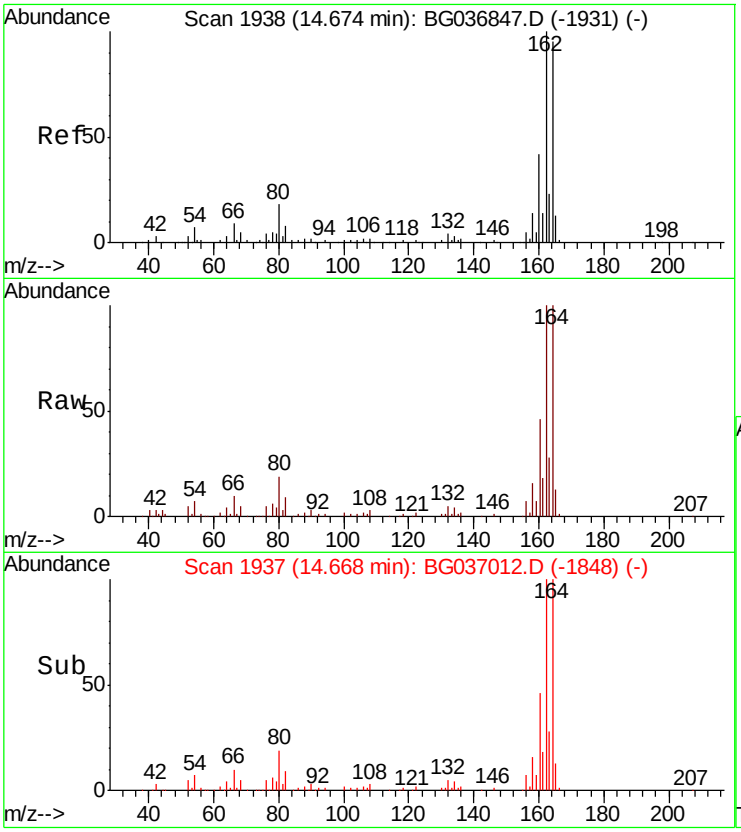


#23
Nitrobenzene-d5
Concen: 94.629 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037012.D
Acq: 27 Sep 2018 11:23

Tgt Ion: 82 Resp: 285387

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



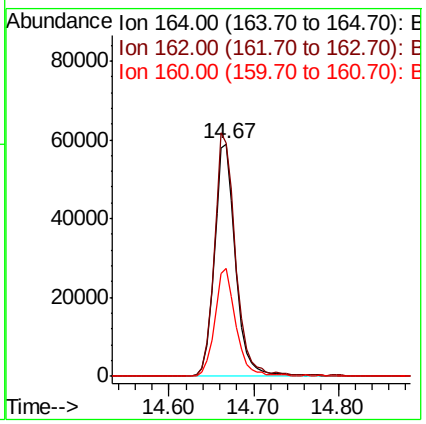


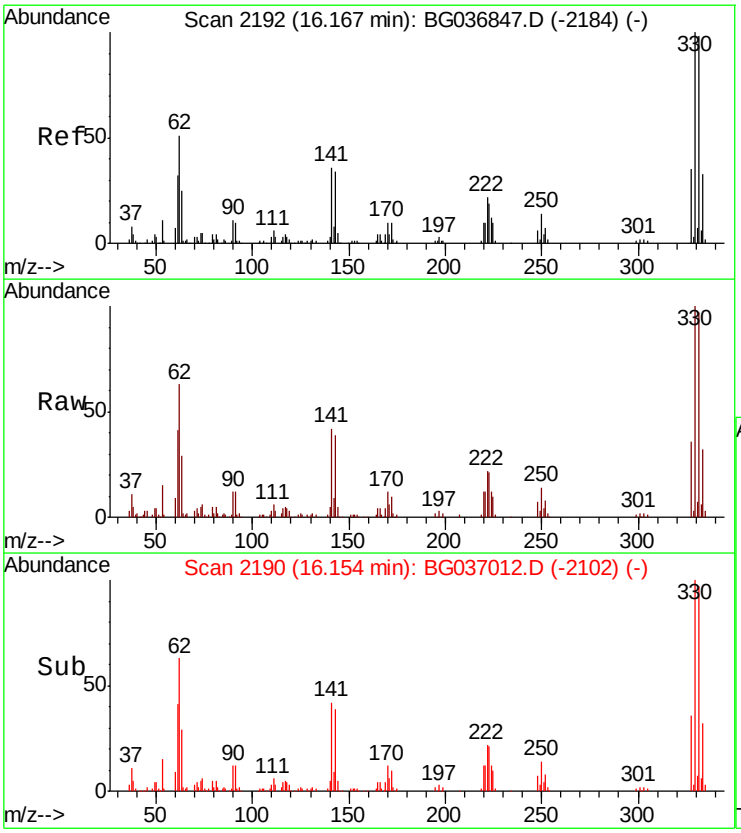
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG037012.D
Acq: 27 Sep 2018 11:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 103703

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.7	121.1
160	46.2	35.3	52.9

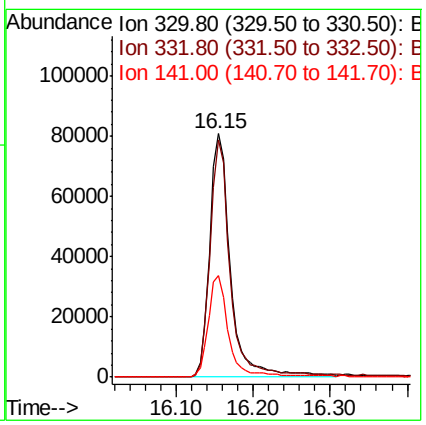


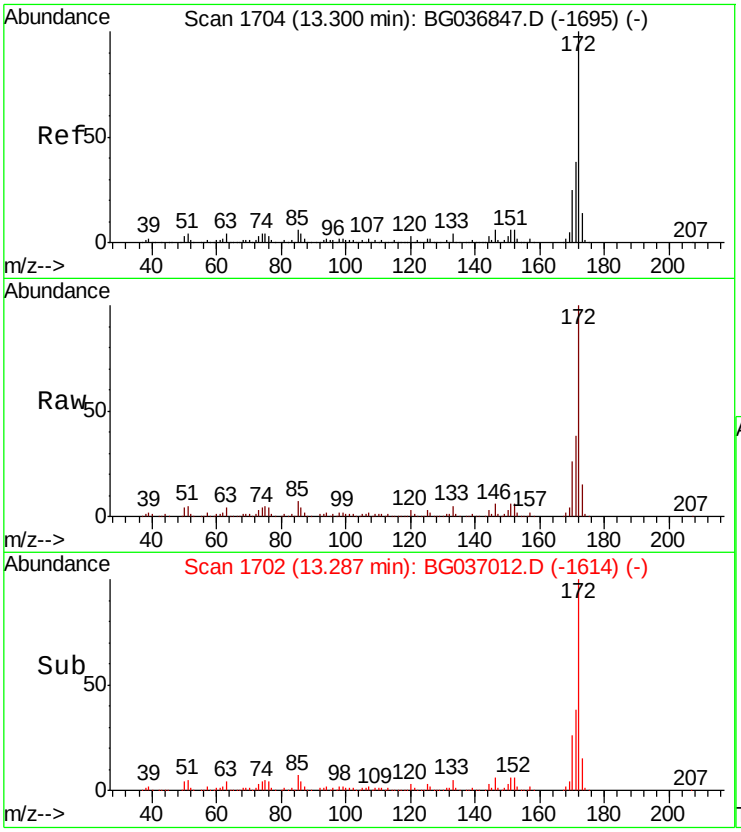


#41
2,4,6-Tribromophenol
Concen: 121.248 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG037012.D
Acq: 27 Sep 2018 11:23

Tgt Ion:330 Resp: 150437

Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.4	113.2
141	39.9	30.7	46.1



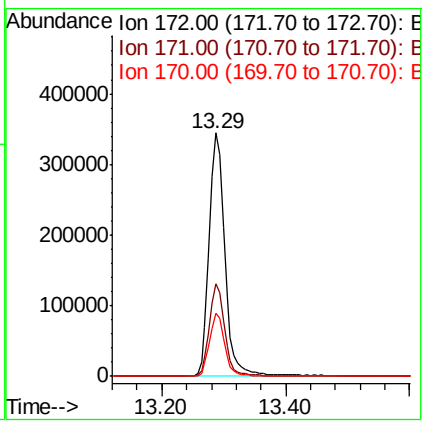


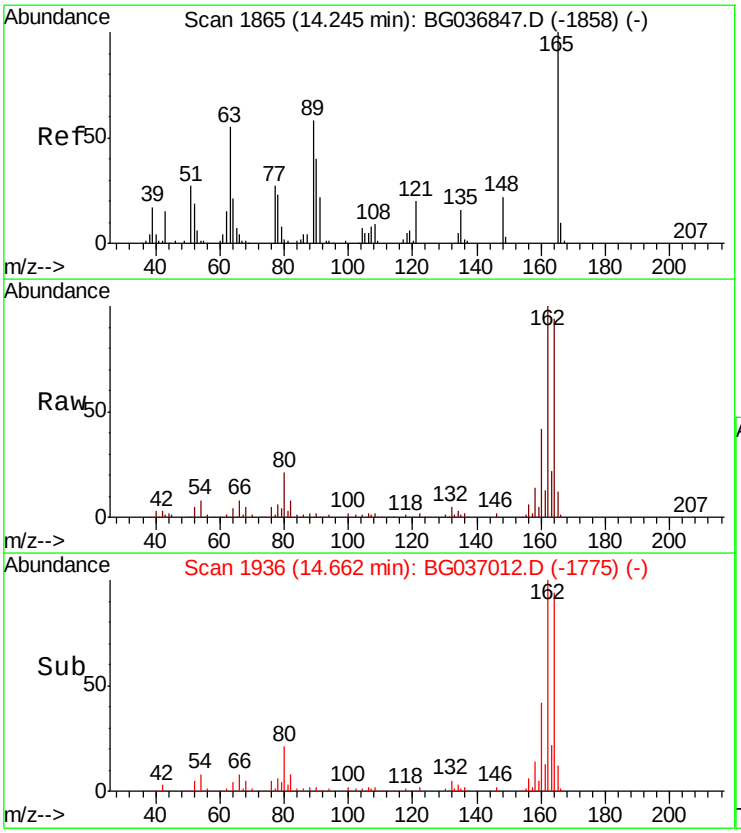
#44
2-Fluorobiphenyl
Concen: 86.791 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037012.D
Acq: 27 Sep 2018 11:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 604304

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	25.7	21.0	31.6

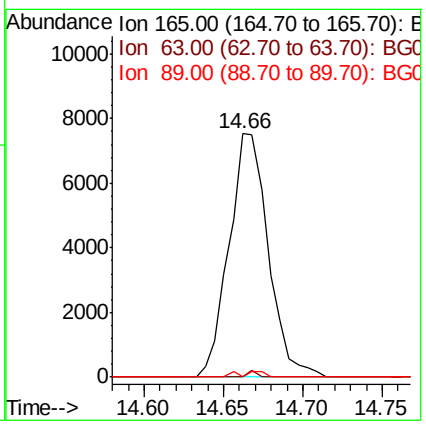


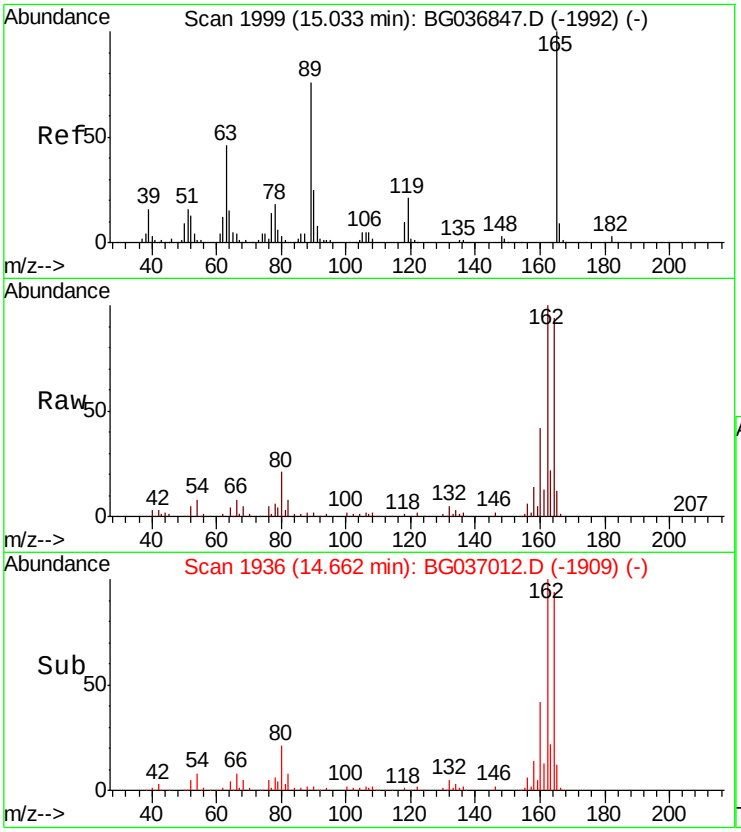


#50
2,6-Dinitrotoluene
Concen: 7.089 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.42 min
Lab File: BG037012.D
Acq: 27 Sep 2018 11:23

Tgt Ion:165 Resp: 12910

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



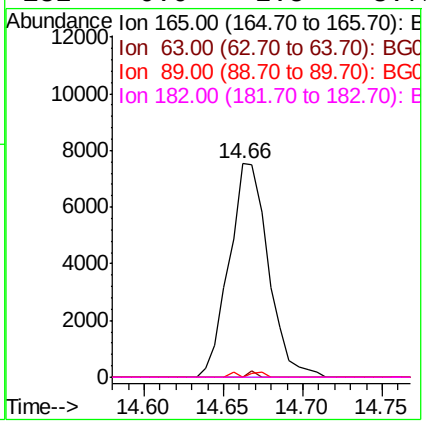


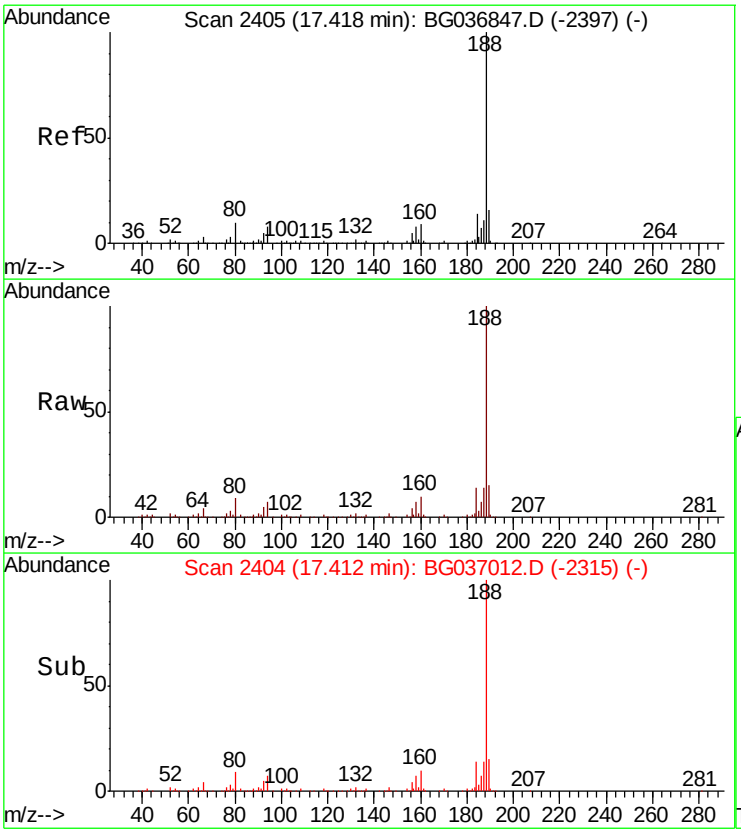
#56
2,4-Dinitrotoluene
Concen: 5.080 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037012.D
Acq: 27 Sep 2018 11:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 12910

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#

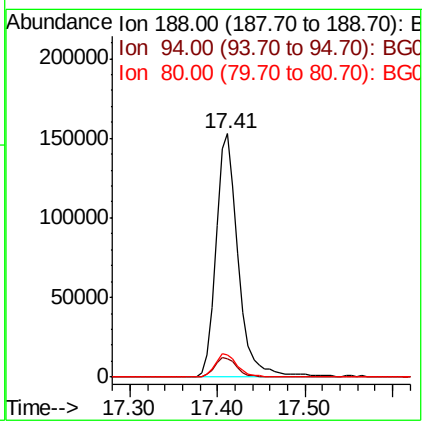


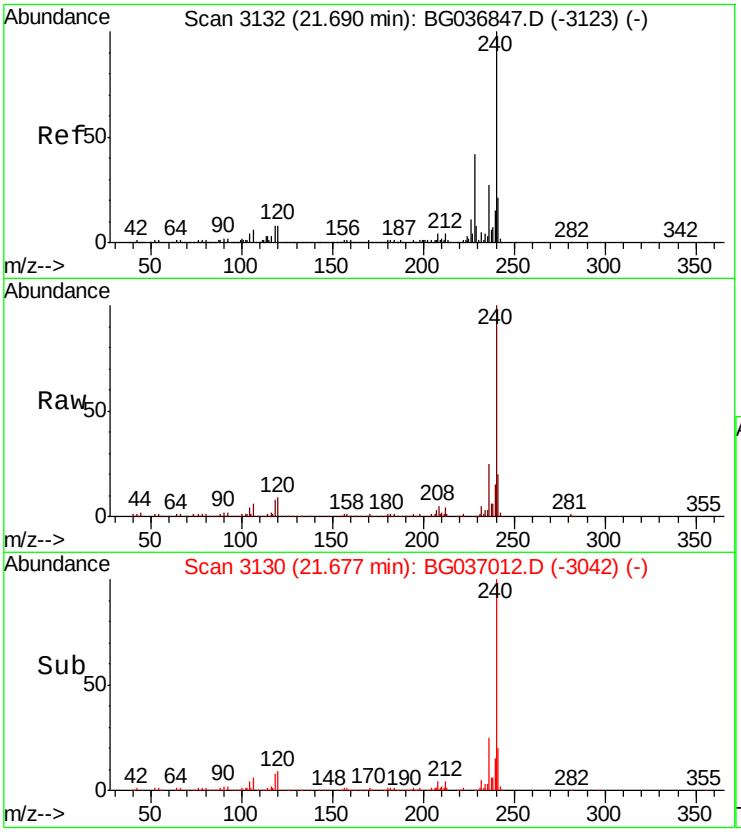


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037012.D
Acq: 27 Sep 2018 11:23

Tgt Ion:188 Resp: 268049

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	9.0	8.1	12.1



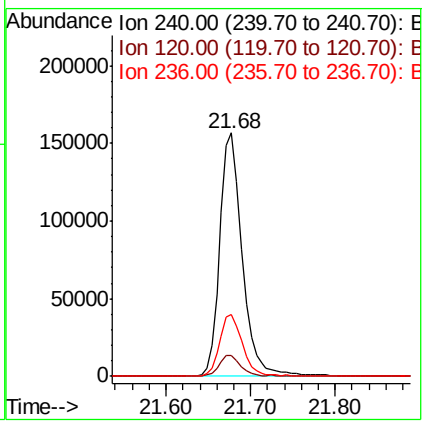


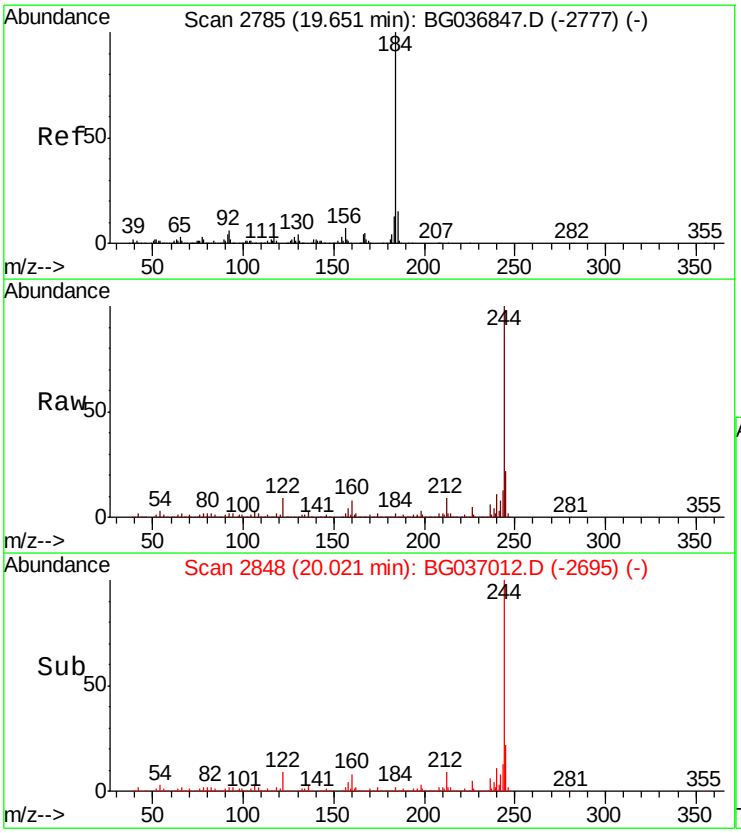
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037012.D
Acq: 27 Sep 2018 11:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 290086

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.9	10.3
236	25.5	21.2	31.8

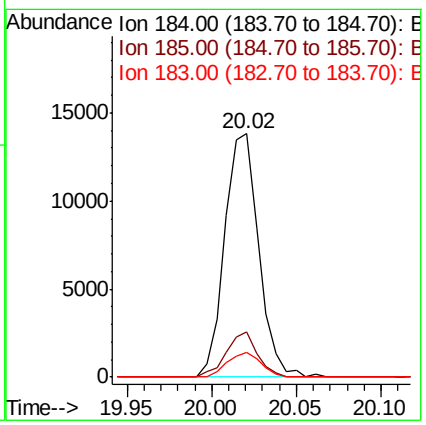


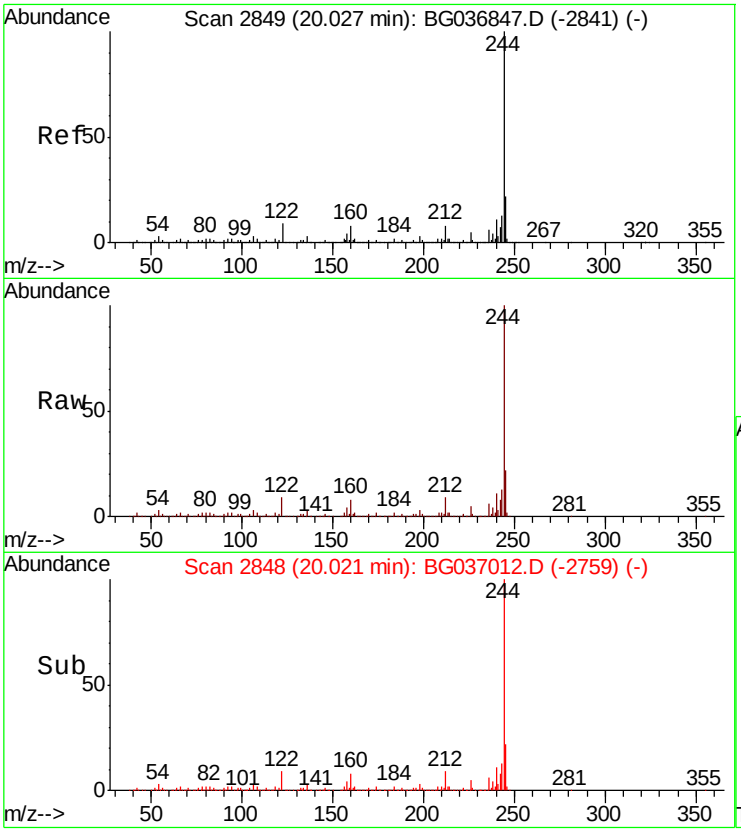


#76
Benzidine
Concen: 2.202 ng
RT: 20.02 min Scan# 2848
Delta R.T. 0.37 min
Lab File: BG037012.D
Acq: 27 Sep 2018 11:23

Tgt Ion:184 Resp: 19312

Ion	Ratio	Lower	Upper
184	100		
185	18.6	12.6	18.8
183	10.3	10.9	16.3#



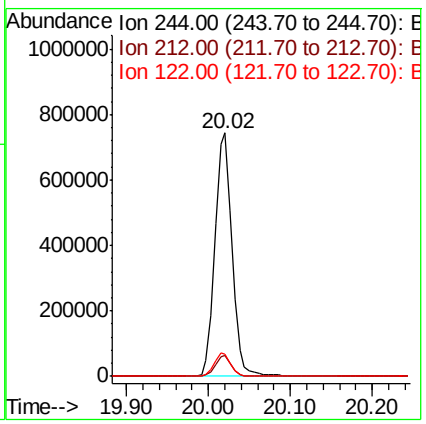


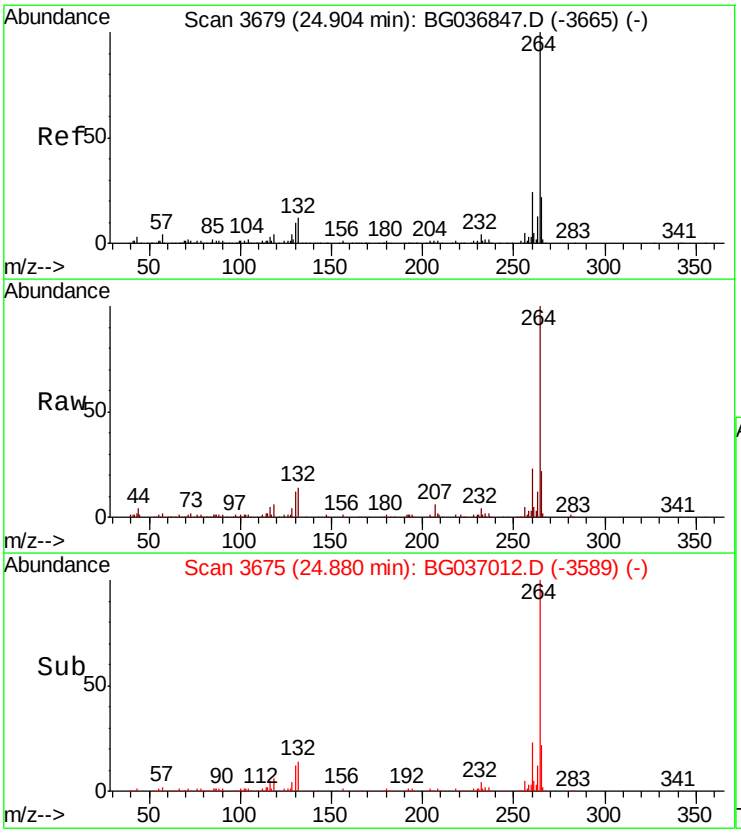
#78
Terphenyl-d14
Concen: 98.557 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG037012.D
Acq: 27 Sep 2018 11:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1087285

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.3	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: BG037012.D
Acq: 27 Sep 2018 11:23

Tgt Ion:264 Resp: 273887

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	21.7	17.4	26.0