Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092818\
Data File : BG037063.D
Acq On : 28 Sep 2018 23:36
Operator : JU/SJ
Sample : J5149-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WS-3

Quant Time: Sep 29 06:13:42 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	45954	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	186648	20.00	ng		-0.01
38) Acenaphthene-d10	14.66	164	113263	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	277284	20.00	ng		0.00
75) Chrysene-d12	21.67	240	290281	20.00	ng		-0.02
86) Perylene-d12	24.87	264	291923	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	134423	56.10	ng		0.00
7) Phenol-d6	7.20	99	104775	28.26	ng		-0.01
23) Nitrobenzene-d5	9.20	82	311701	89.43	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	159191	117.47	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	631606	83.06	ng		-0.01
78) Terphenyl-d14	20.01	244	1018921	92.30	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.23	94	9286	2.427	ng		88
19) n-Nitroso-di-n-propylamine	9.20	70	42036	13.630	ng	#	75
49) Dimethylphthalate	14.11	163	30443	3.339	ng	#	98
50) 2,6-Dinitrotoluene	14.66	165	14726	7.403	ng	#	22
56) 2,4-Dinitrotoluene	14.66	165	14726	5.305	ng	#	21
66) 4-Bromophenyl-phenylether	16.15	248	11220	3.557	ng	#	1
76) Benzidine	20.01	184	18214	2.076	ng	#	96
83) Bis(2-ethylhexyl)phthalate	21.55	149	34899	3.598	ng	#	93

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
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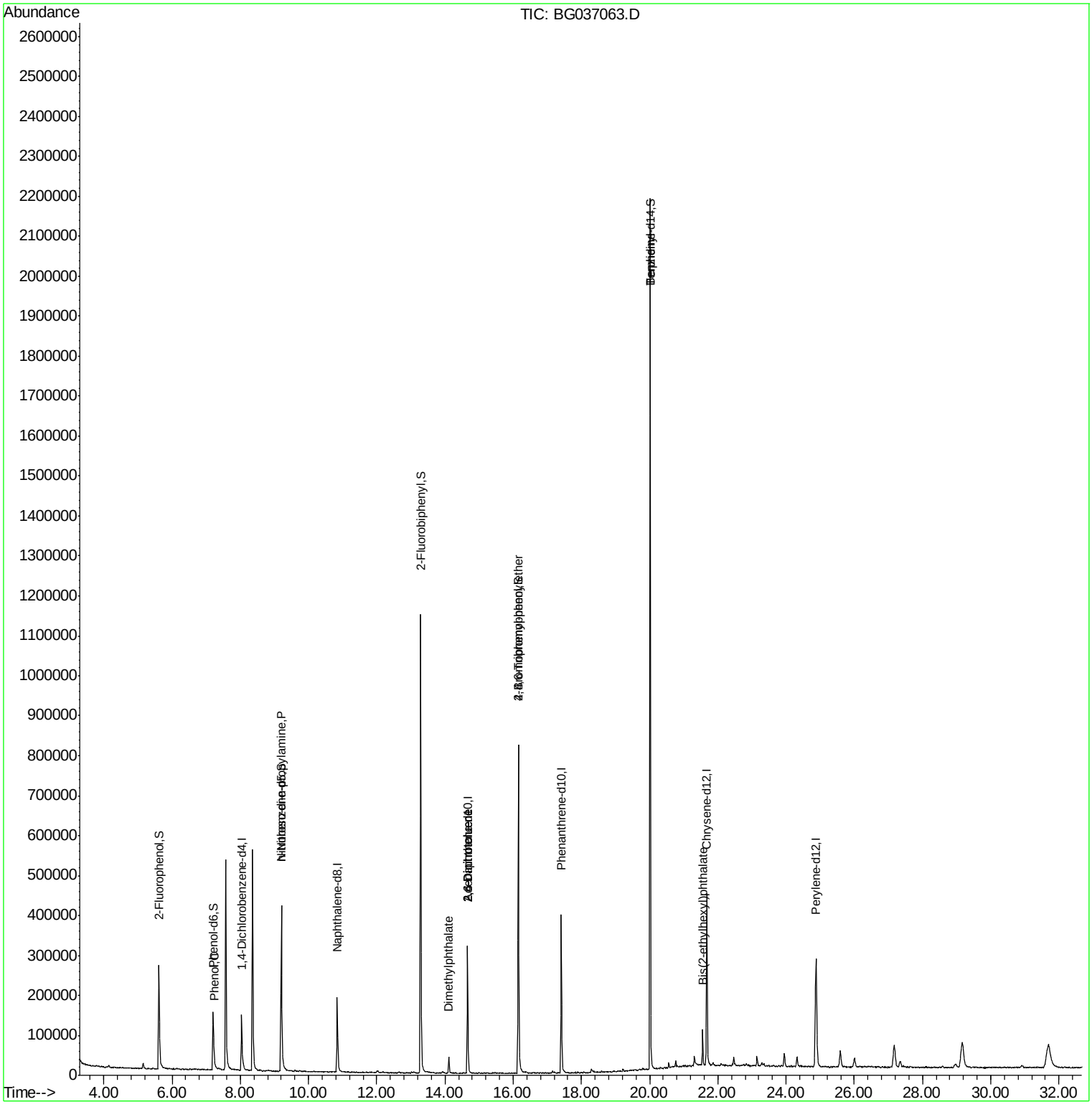
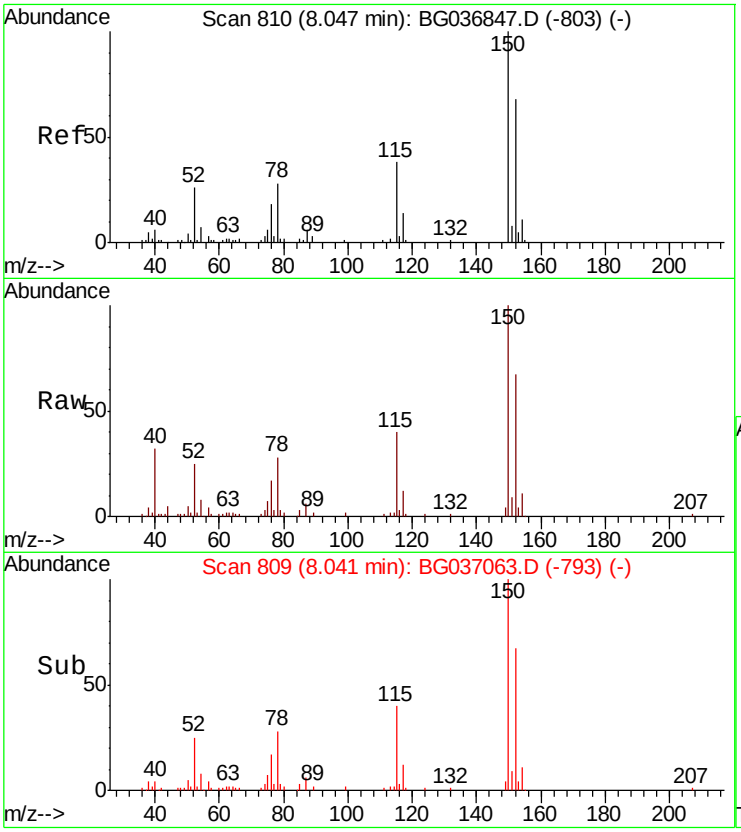


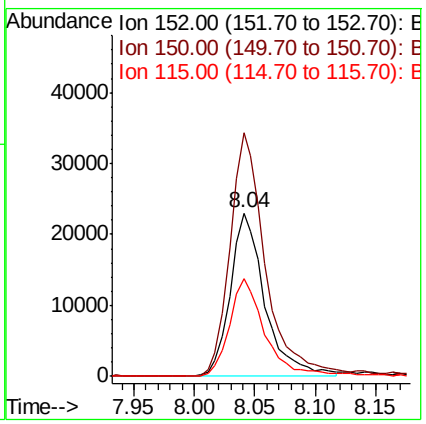


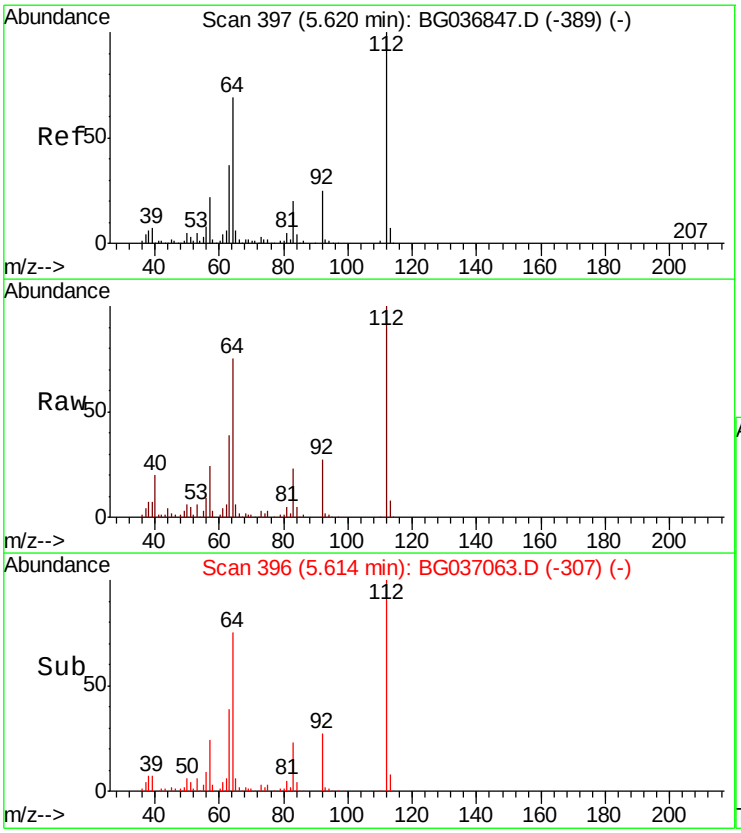
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Instrument :
BNA_G
ClientSampleId :
WS-3

Tgt Ion:152 Resp: 45954

Ion	Ratio	Lower	Upper
152	100		
150	149.1	119.5	179.3
115	59.6	44.5	66.7

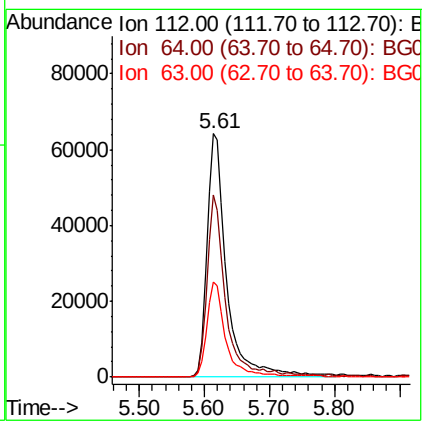


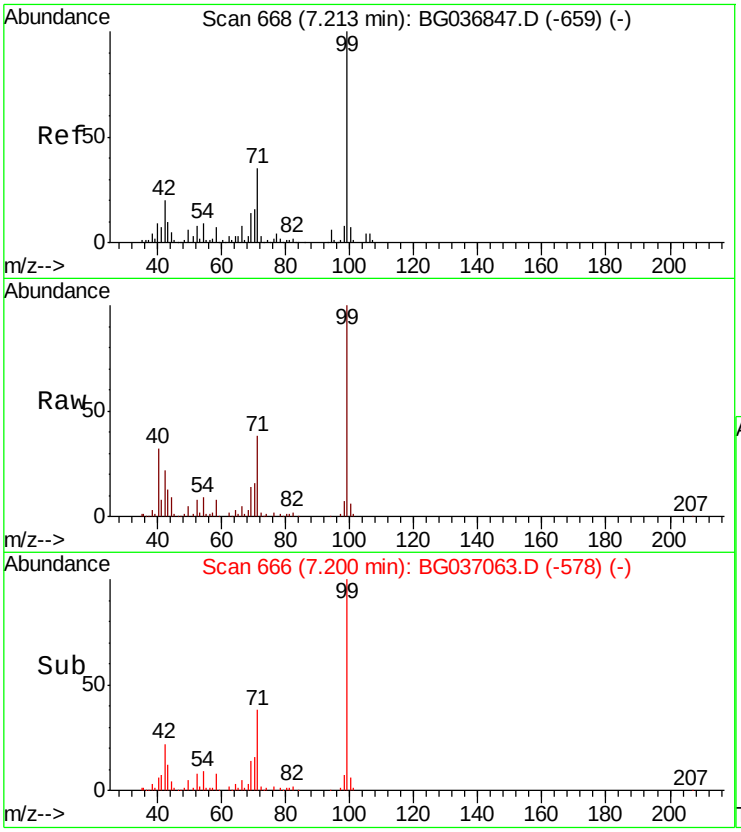


#5
2-Fluorophenol
Concen: 56.098 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Tgt Ion:112 Resp: 134423

Ion	Ratio	Lower	Upper
112	100		
64	75.0	57.2	85.8
63	39.3	30.8	46.2



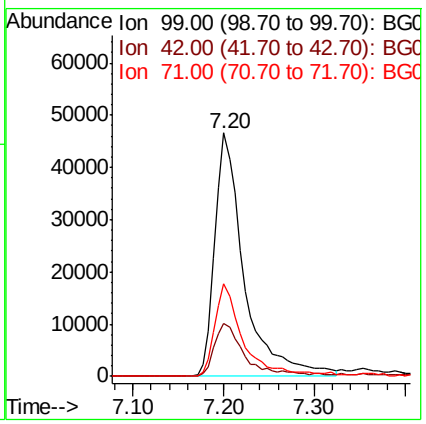


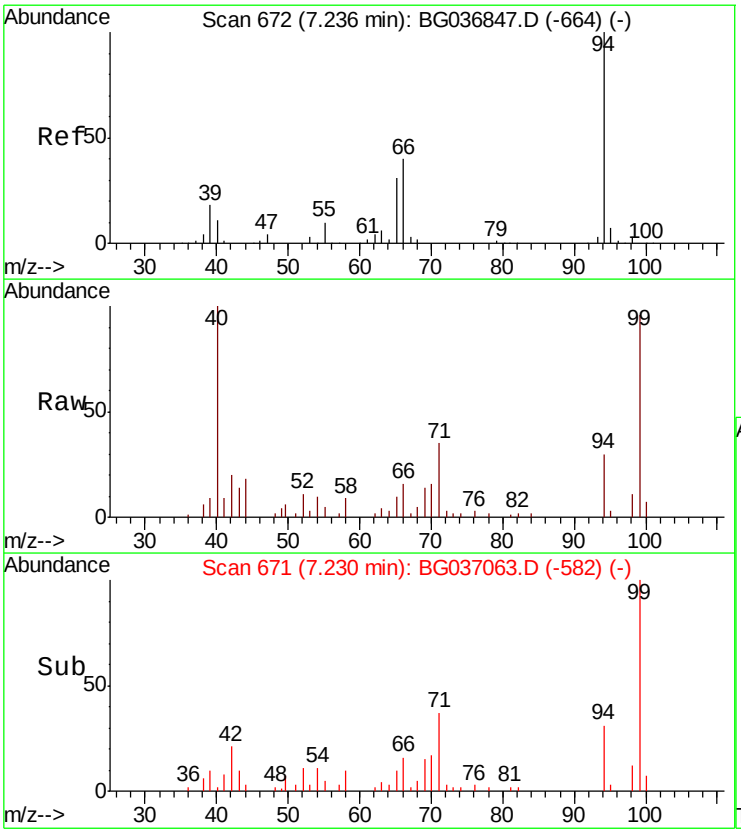
#7
Phenol-d6
Concen: 28.262 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Instrument :
BNA_G
ClientSampleId :
WS-3

Tgt Ion: 99 Resp: 104775

Ion	Ratio	Lower	Upper
99	100		
42	21.9	16.5	24.7
71	38.1	29.4	44.2

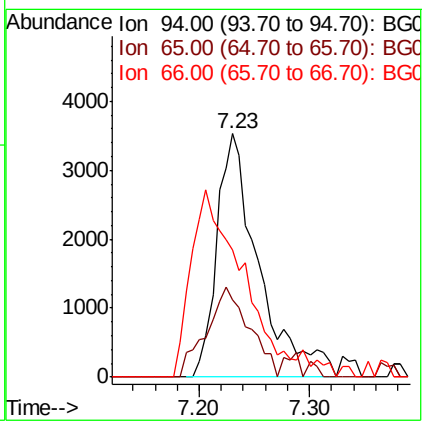


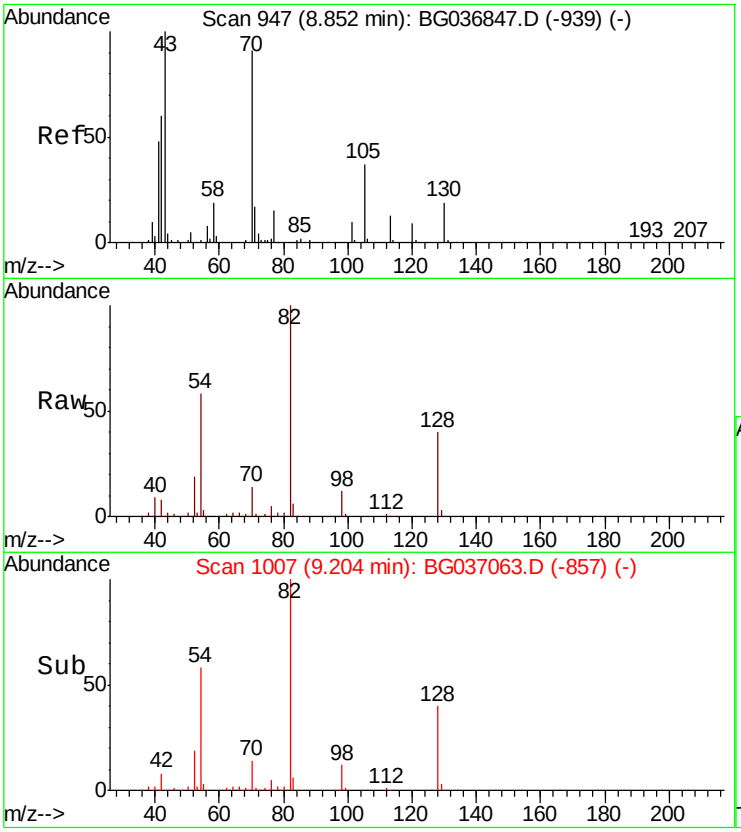


#10
Phenol
Concen: 2.427 ng
RT: 7.23 min Scan# 671
Delta R.T. -0.01 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Tgt Ion: 94 Resp: 9286

Ion	Ratio	Lower	Upper
94	100		
65	31.8	11.5	51.5
66	52.1	19.5	59.5



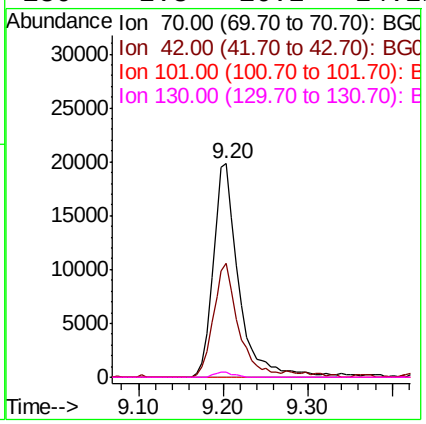


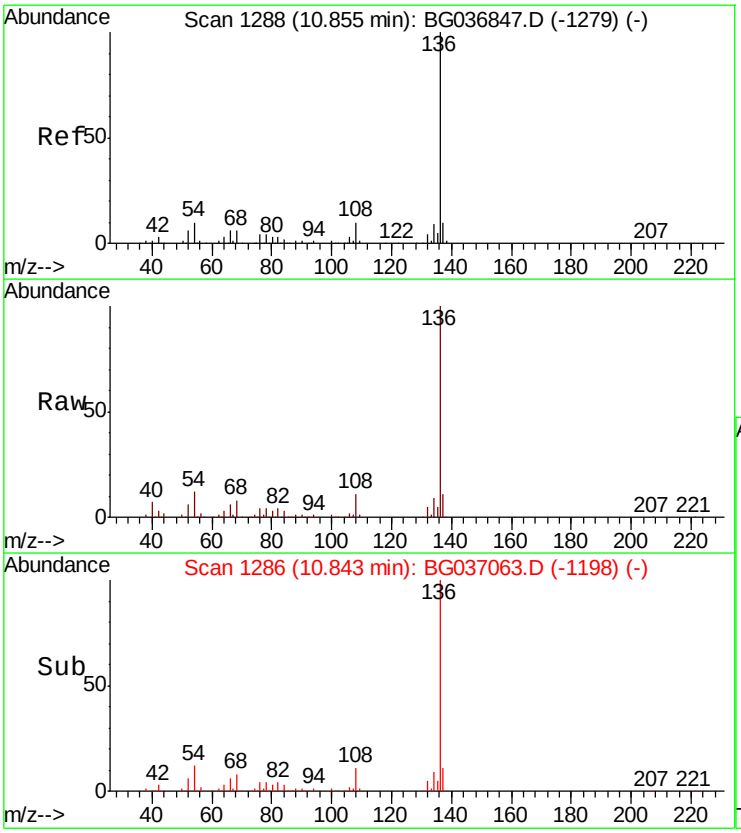
#19
n-Nitroso-di-n-propylamine
Concen: 13.630 ng
RT: 9.20 min Scan# 1007
Delta R.T. 0.35 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Instrument :
BNA_G
ClientSampleId :
WS-3

Tgt Ion: 70 Resp: 42036

Ion	Ratio	Lower	Upper
70	100		
42	53.4	56.2	84.4#
101	0.0	7.8	11.6#
130	2.3	16.2	24.2#

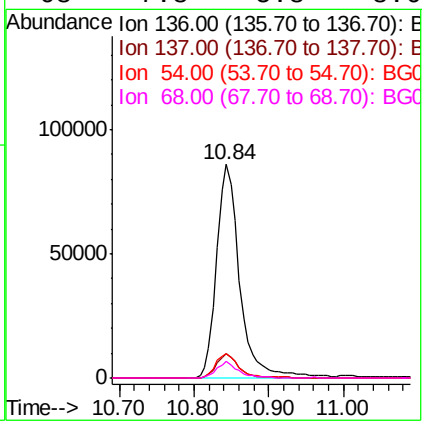


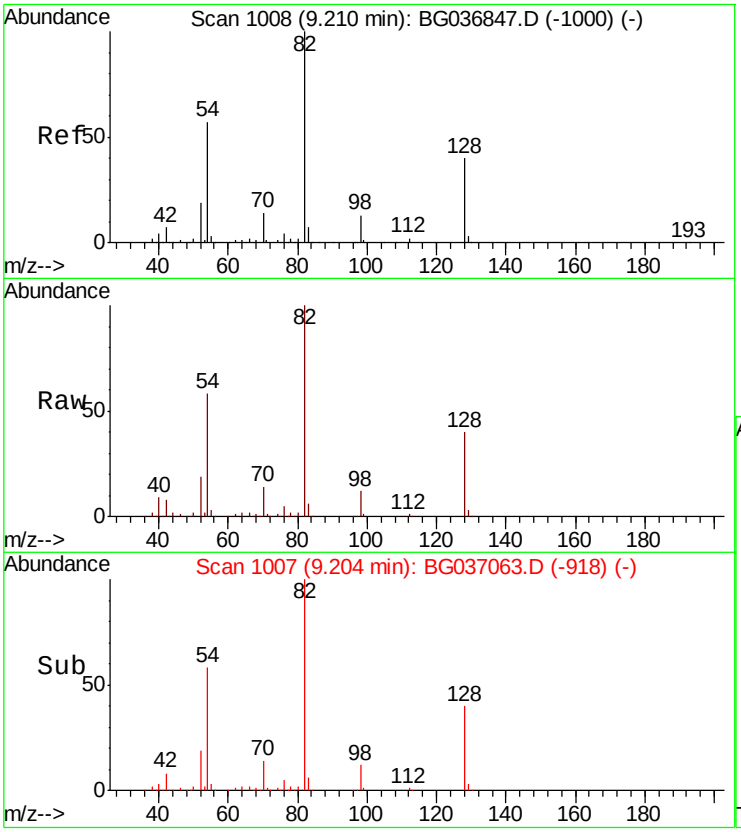


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Tgt Ion:136 Resp: 186648

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	11.7	9.2	13.8
68	7.8	5.8	8.6



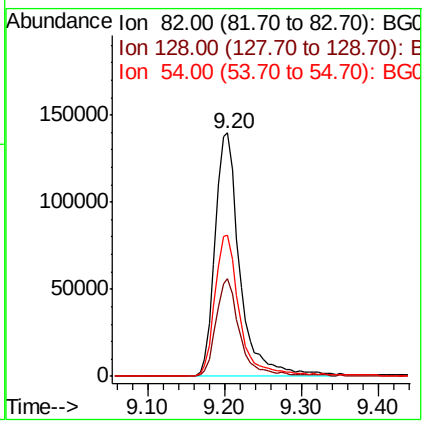


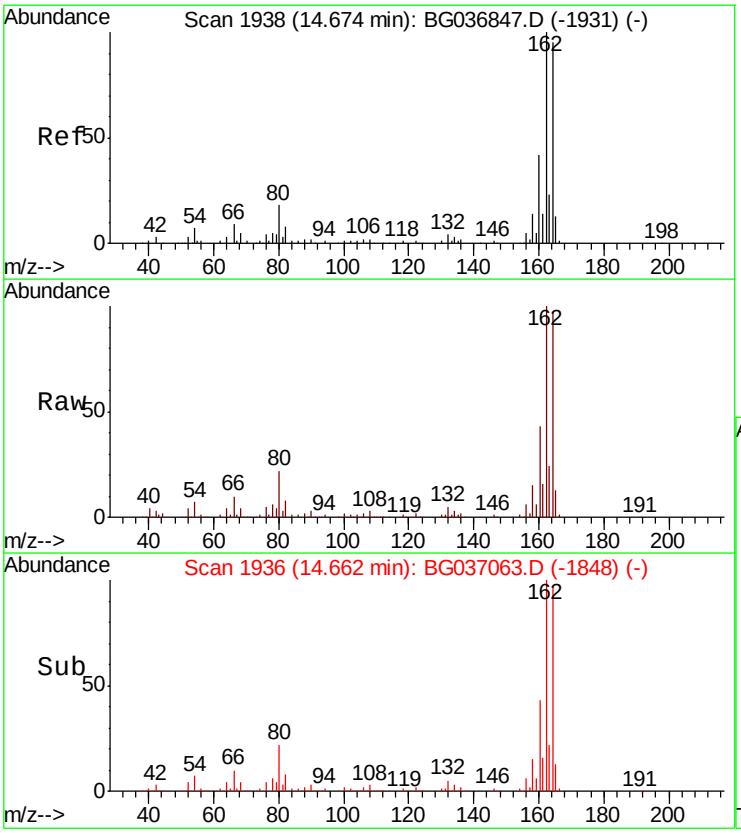
#23
Nitrobenzene-d5
Concen: 89.430 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Instrument :
BNA_G
ClientSampleId :
WS-3

Tgt Ion: 82 Resp: 311701

Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.3	49.9
54	58.0	45.1	67.7

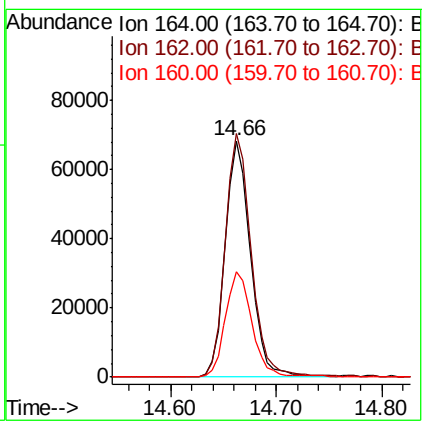


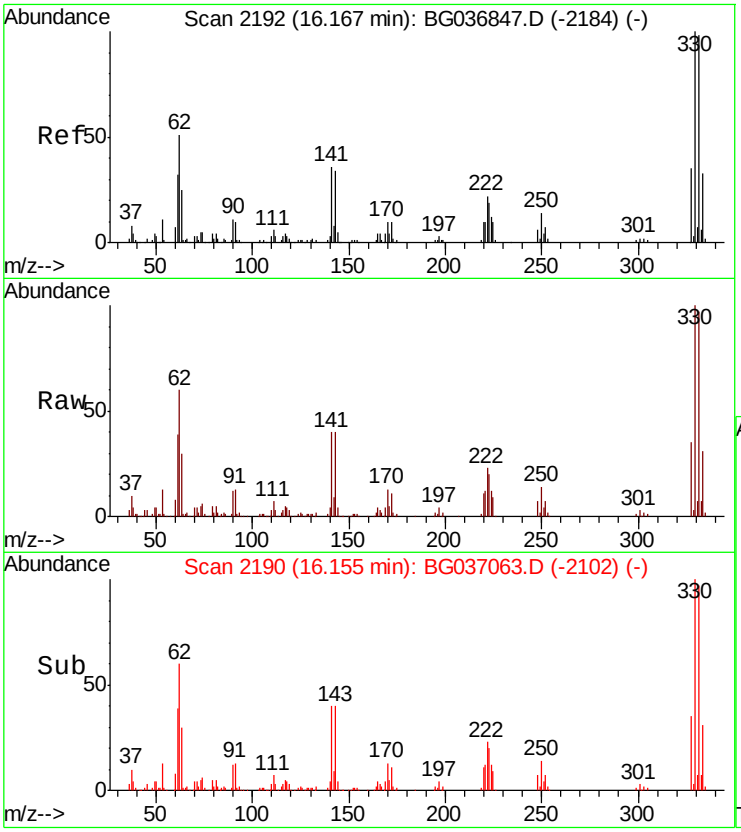


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Tgt Ion:164 Resp: 113263

Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.7	121.1
160	44.6	35.3	52.9



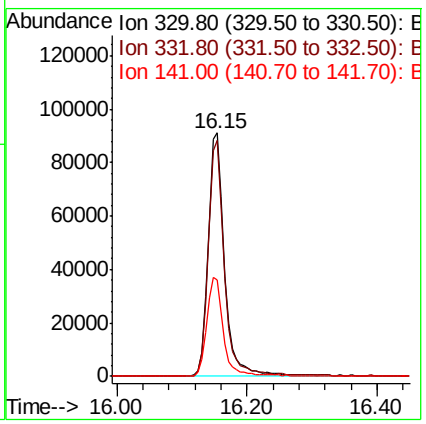


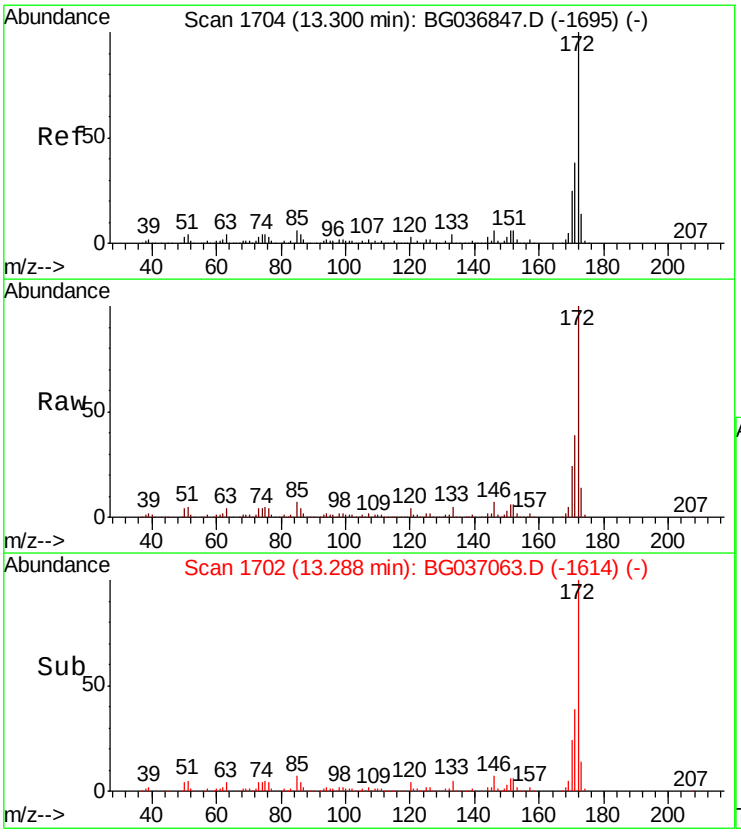
#41
2,4,6-Tribromophenol
Concen: 117.474 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Instrument :
BNA_G
ClientSampleId :
WS-3

Tgt Ion:330 Resp: 159191

Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.4	113.2
141	41.3	30.7	46.1

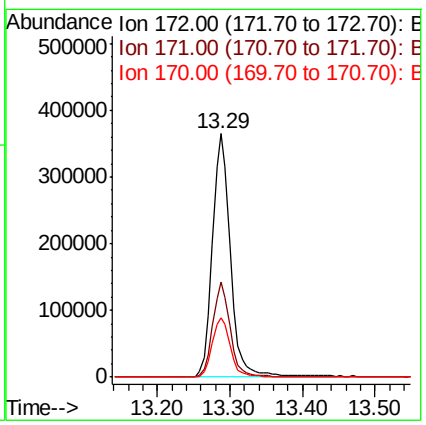


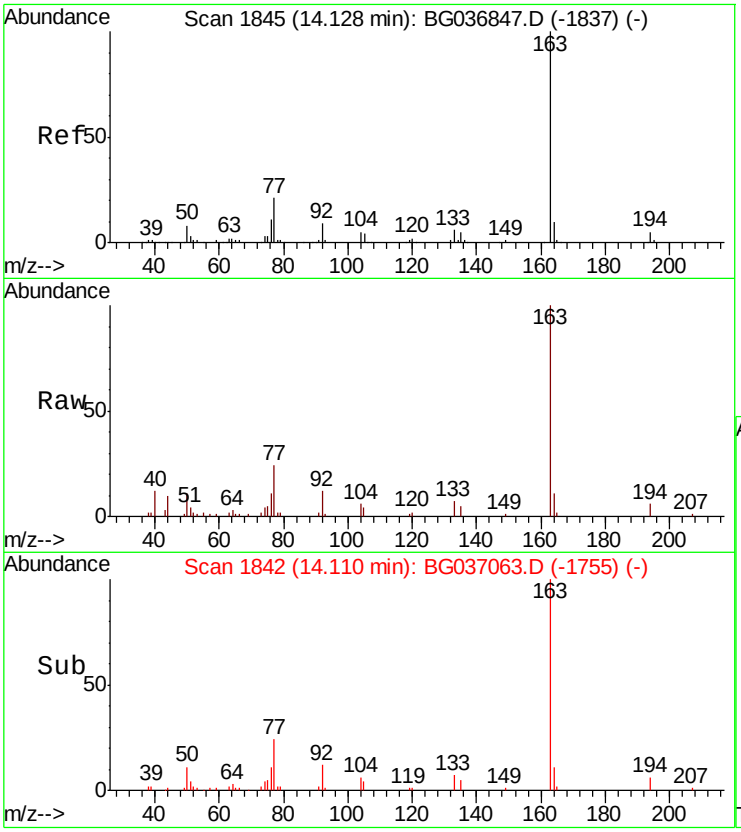


#44
2-Fluorobiphenyl
Concen: 83.055 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Tgt Ion:172 Resp: 631606

Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.3	46.9
170	24.1	21.0	31.6



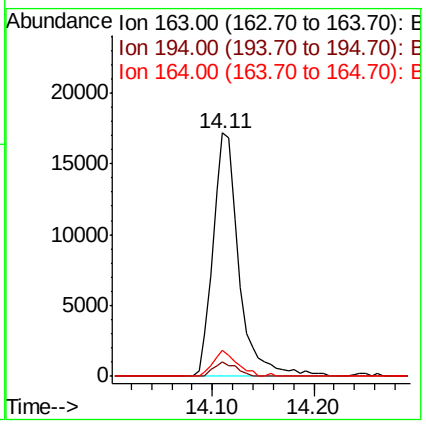


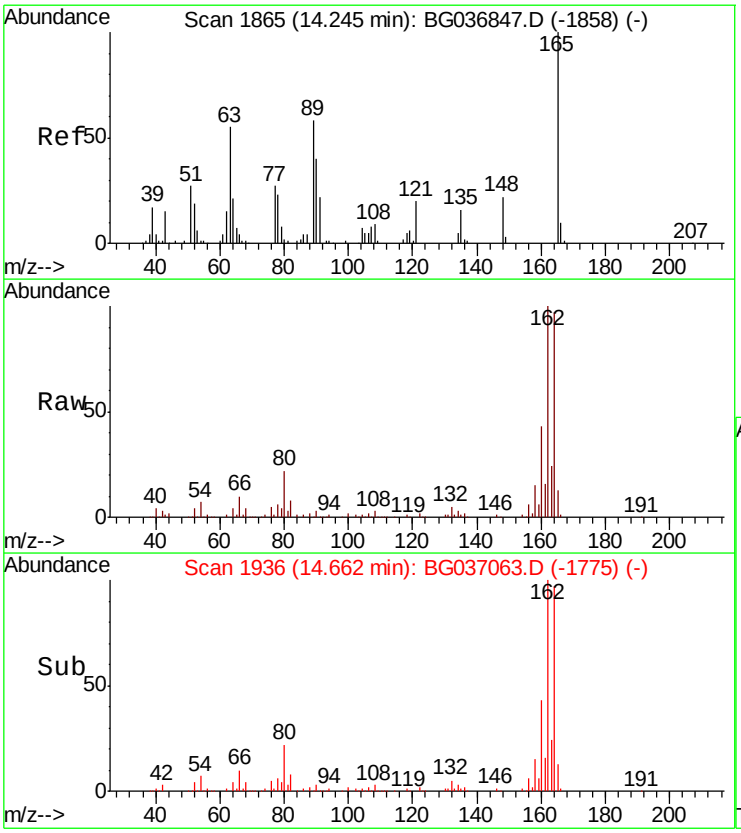
#49
Dimethylphthalate
Concen: 3.339 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Instrument :
BNA_G
ClientSampleId :
WS-3

Tgt Ion:163 Resp: 30443

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

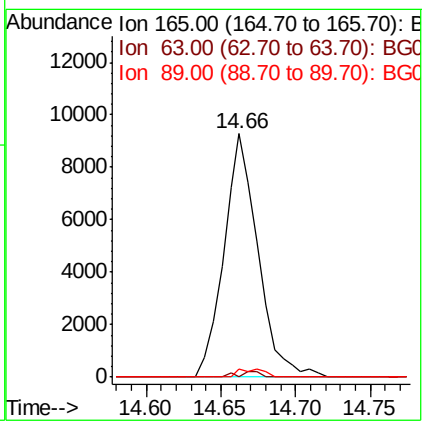


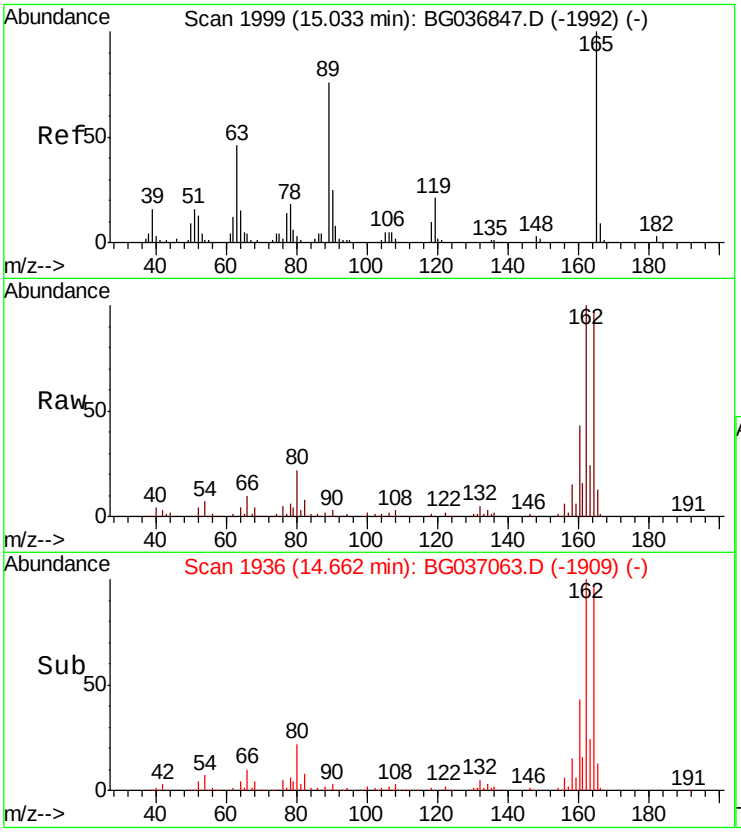


#50
2,6-Dinitrotoluene
Concen: 7.403 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.42 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Tgt Ion:165 Resp: 14726

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	3.5	47.8	71.6#



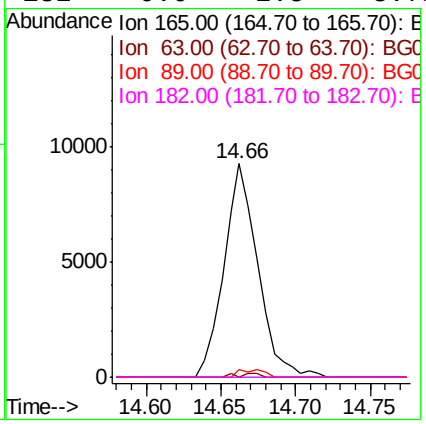


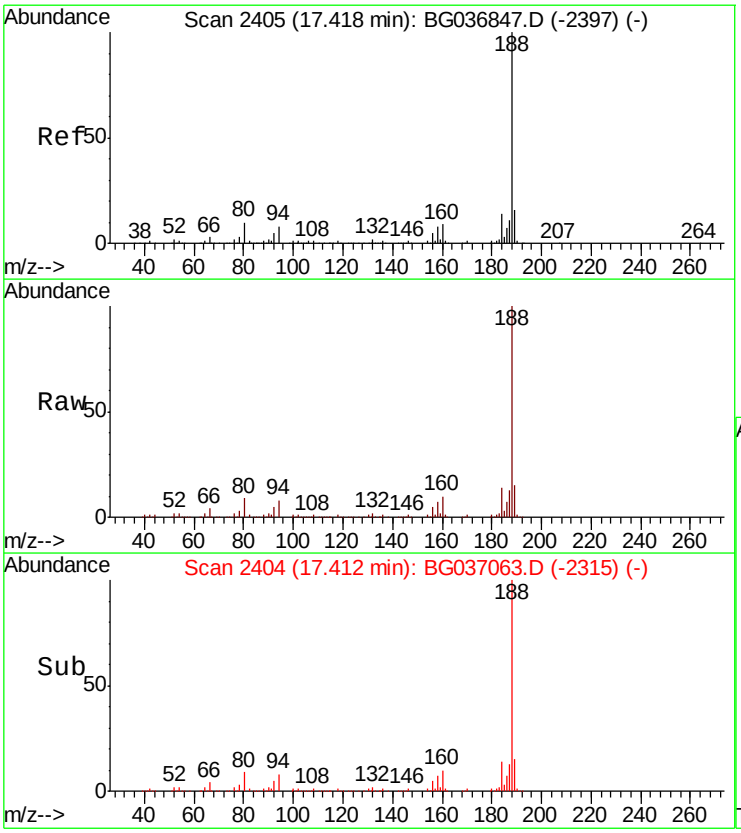
#56
2,4-Dinitrotoluene
Concen: 5.305 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Instrument :
BNA_G
ClientSampleId :
WS-3

Tgt Ion:165 Resp: 14726

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	3.5	63.7	95.5#
182	0.0	2.5	3.7#

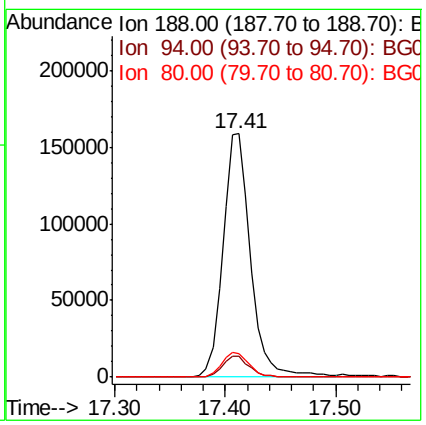


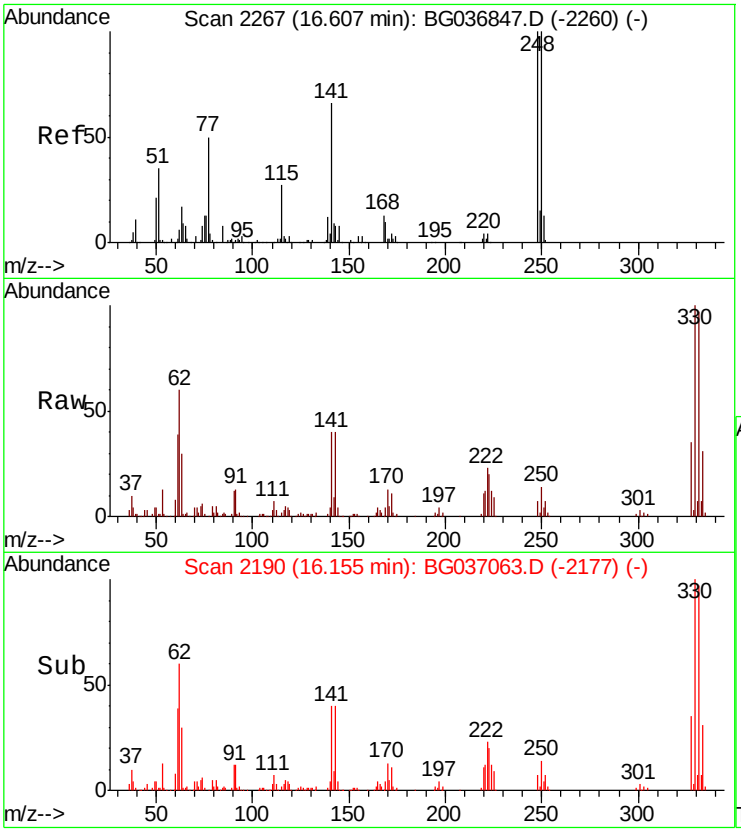


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Tgt Ion:188 Resp: 277284

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.4	8.1	12.1



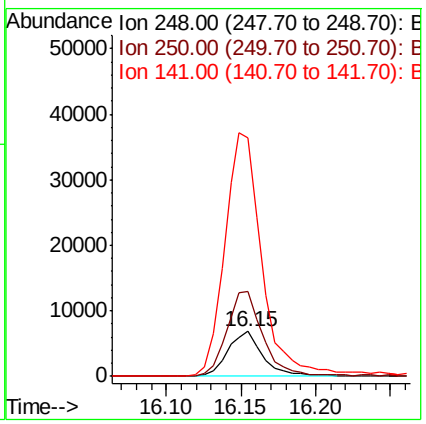


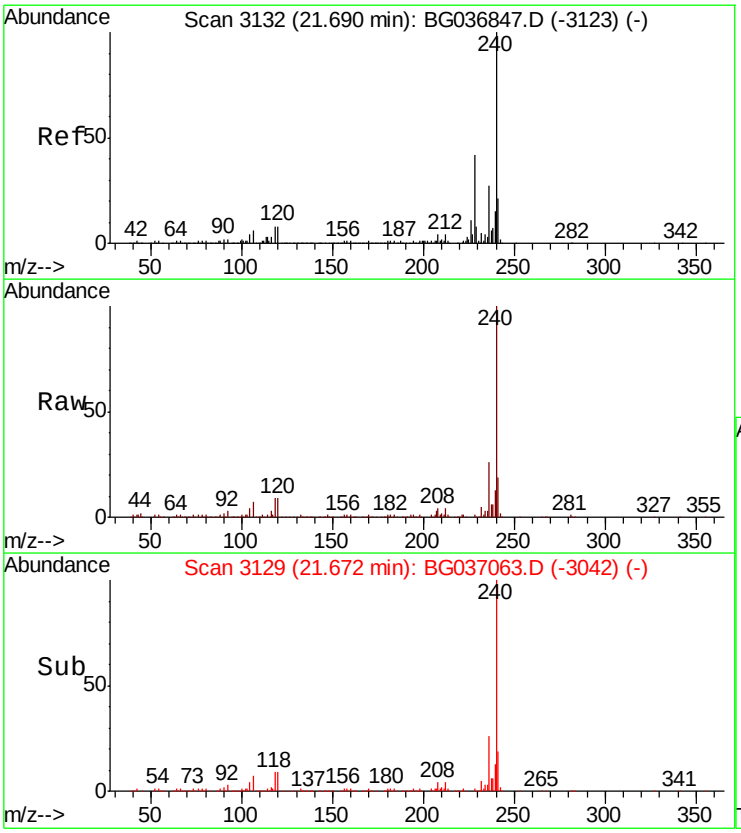
#66
4-Bromophenyl-phenylether
Concen: 3.557 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Instrument :
BNA_G
ClientSampleId :
WS-3

Tgt Ion:248 Resp: 11220

Ion	Ratio	Lower	Upper
248	100		
250	188.5	78.1	117.1#
141	531.8	53.7	80.5#

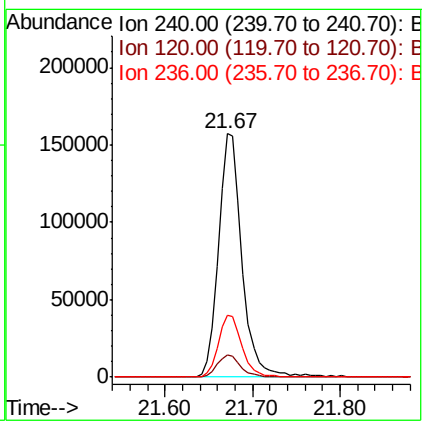


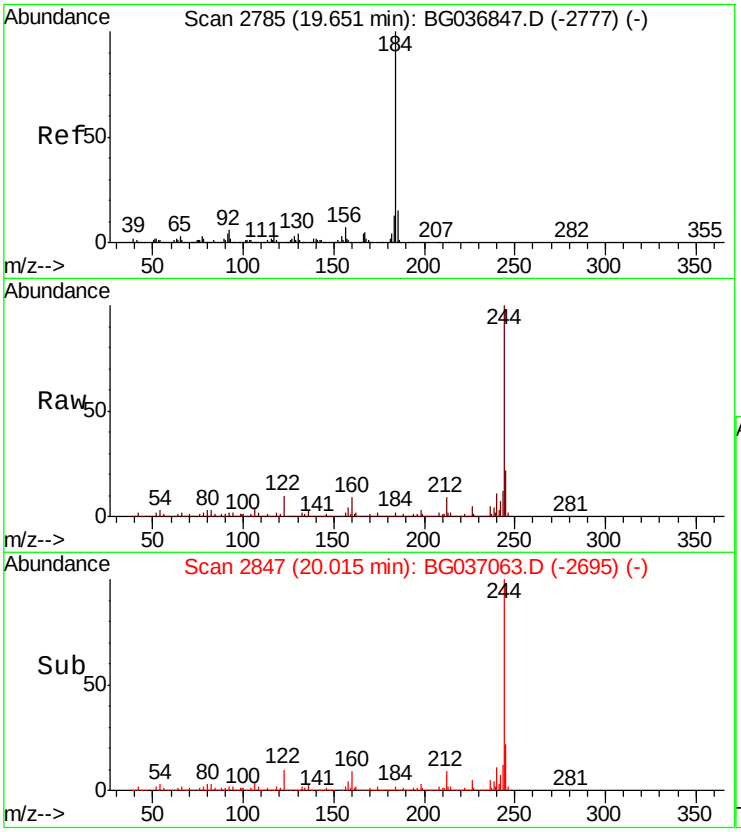


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Tgt Ion:240 Resp: 290281

Ion	Ratio	Lower	Upper
240	100		
120	9.2	6.9	10.3
236	25.6	21.2	31.8



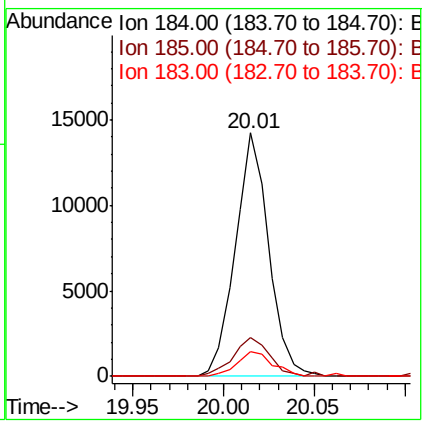


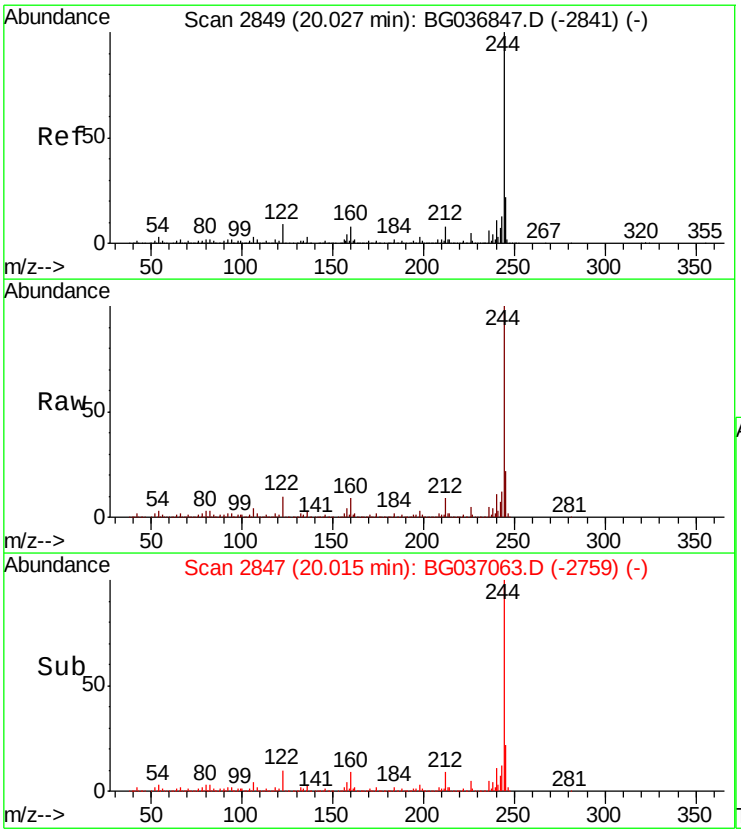
#76
Benzidine
Concen: 2.076 ng
RT: 20.01 min Scan# 2847
Delta R.T. 0.36 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Instrument :
BNA_G
ClientSampleId :
WS-3

Tgt Ion:184 Resp: 18214

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.6	18.8
183	10.0	10.9	16.3#

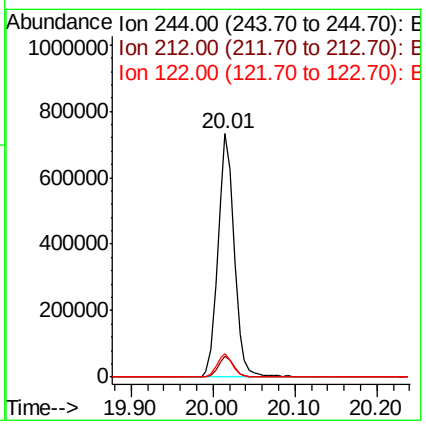


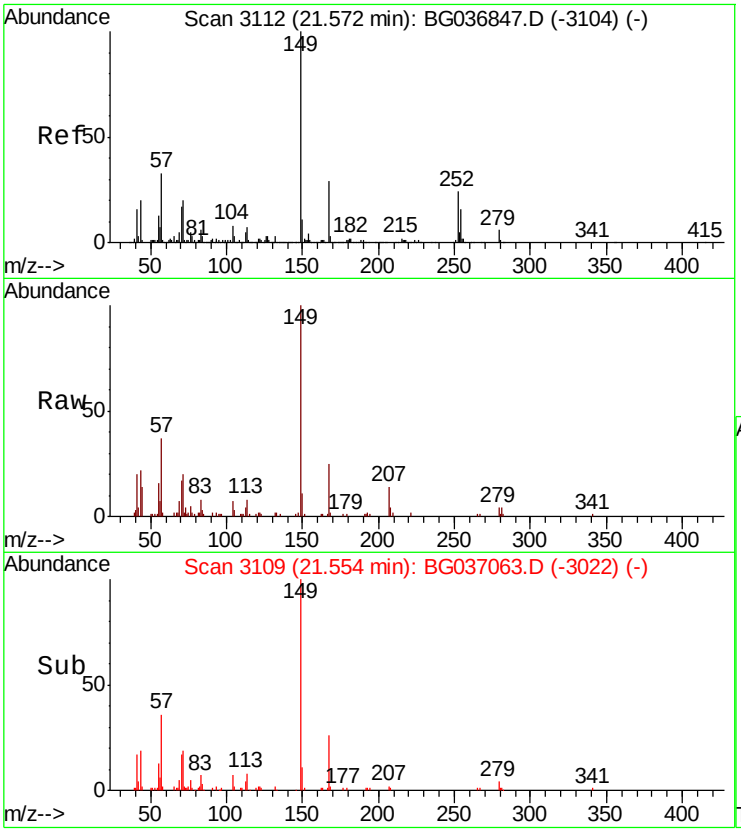


#78
Terphenyl-d14
Concen: 92.298 ng
RT: 20.01 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Tgt Ion:244 Resp: 1018921

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.6	7.1	10.7



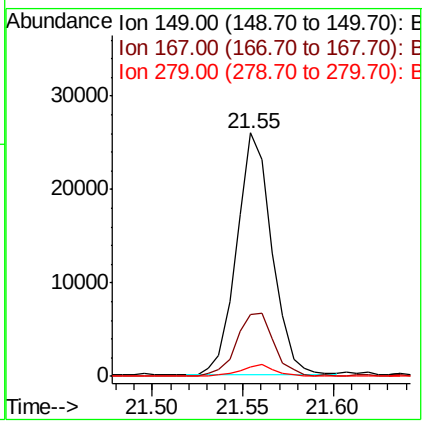


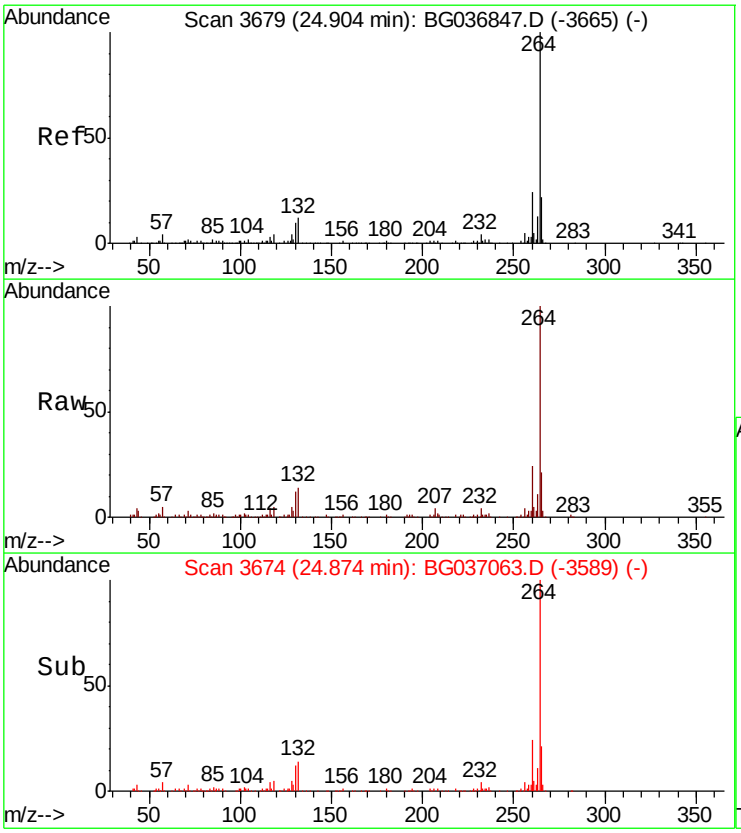
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.598 ng
RT: 21.55 min Scan# 3109
Delta R.T. -0.02 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Instrument :
BNA_G
ClientSampleId :
WS-3

Tgt Ion:149 Resp: 34899

Ion	Ratio	Lower	Upper
149	100		
167	25.4	23.4	35.0
279	3.7	4.6	7.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Tgt Ion:264 Resp: 291923

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	20.6	17.4	26.0