Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100618\
Data File : BG037214.D
Acq On : 6 Oct 2018 15:55
Operator : JU/SJ
Sample : J5264-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 100318-DBRI-E-U-B

Quant Time: Oct 08 04:48:05 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	38931	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	156303	20.00	ng		-0.02
38) Acenaphthene-d10	14.65	164	108531	20.00	ng		-0.02
63) Phenanthrene-d10	17.40	188	283755	20.00	ng		-0.02
75) Chrysene-d12	21.66	240	287967	20.00	ng		-0.03
86) Perylene-d12	24.86	264	281944	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	91717	45.18	ng		-0.02
7) Phenol-d6	7.20	99	78561	25.01	ng		-0.02
23) Nitrobenzene-d5	9.19	82	319454	109.45	ng		-0.02
41) 2,4,6-Tribromophenol	16.15	330	126899	97.73	ng		-0.02
44) 2-Fluorobiphenyl	13.28	172	702589	96.42	ng		-0.02
78) Terphenyl-d14	20.01	244	1215276	110.97	ng		-0.02
Target Compounds							Qvalue
13) 1,4-Dichlorobenzene	8.07	146	7752	2.621	ng		95
14) 1,2-Dichlorobenzene	8.07	146	7752	2.705	ng		96
15) Benzyl Alcohol	8.35	79	5133	2.014	ng	#	45
19) n-Nitroso-di-n-propylamine	9.19	70	41294	15.805	ng	#	73
50) 2,6-Dinitrotoluene	14.65	165	13423	7.042	ng	#	22
56) 2,4-Dinitrotoluene	14.65	165	13423	5.047	ng	#	21
66) 4-Bromophenyl-phenylether	16.15	248	8583	2.659	ng	#	1
76) Benzidine	20.01	184	22083	2.537	ng	#	94

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

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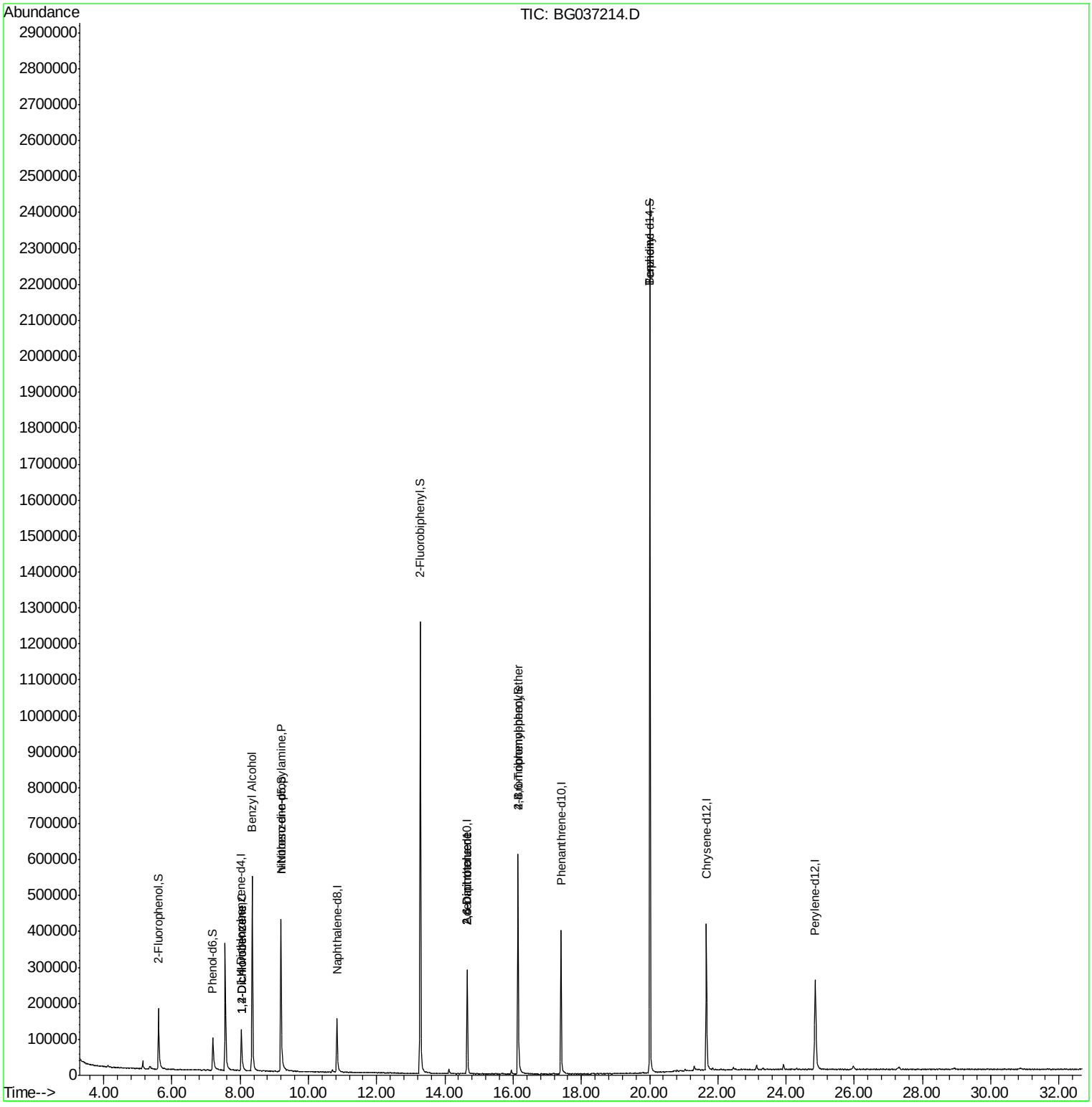
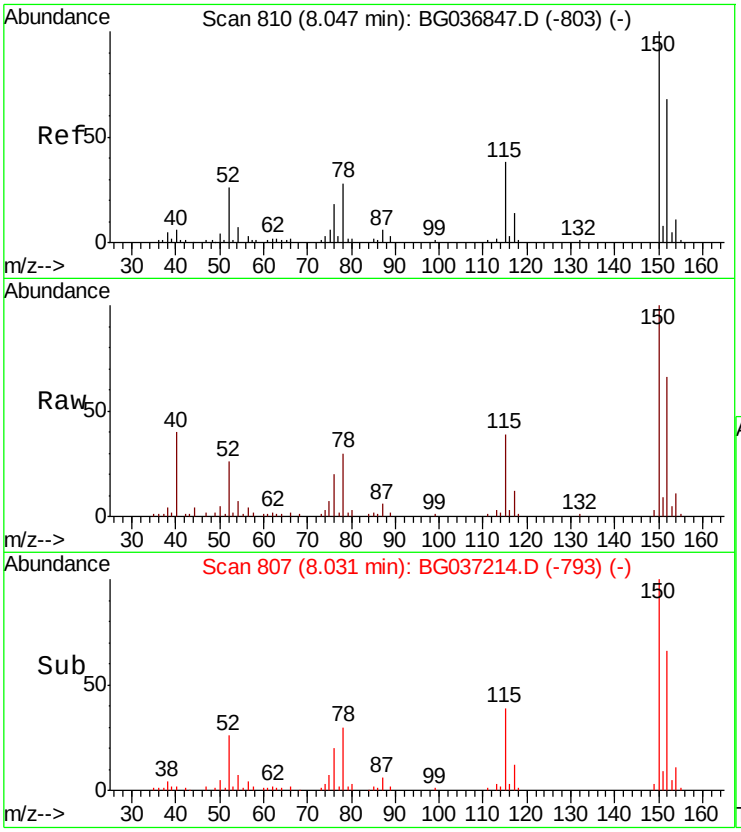


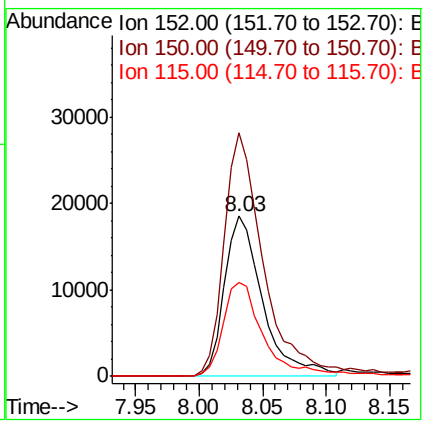


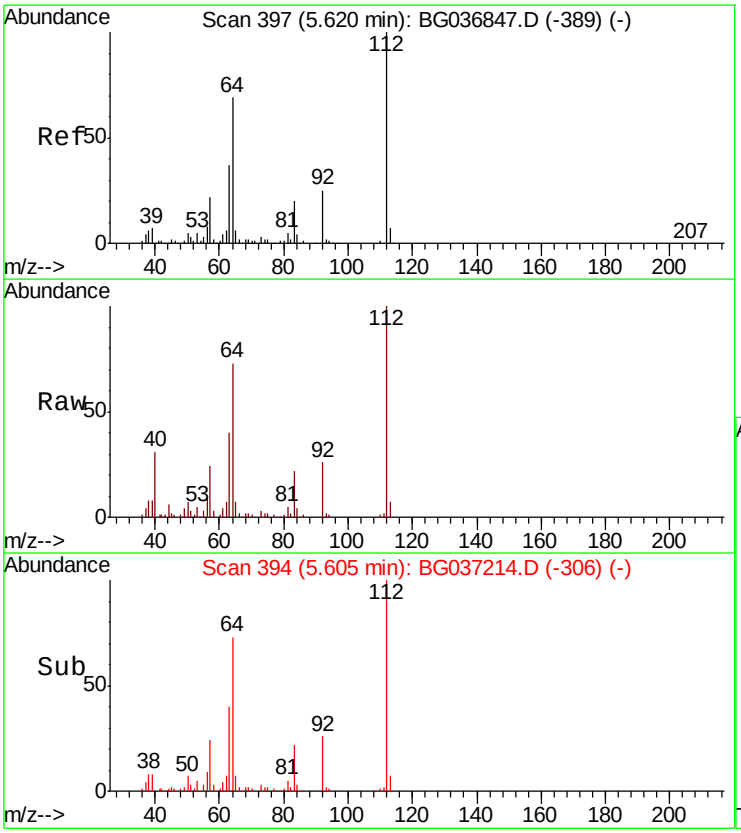
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Instrument :
BNA_G
ClientSampleId :
100318-DBRI-E-U-B

Tgt Ion:152 Resp: 38931

Ion	Ratio	Lower	Upper
152	100		
150	151.9	119.5	179.3
115	58.7	44.5	66.7

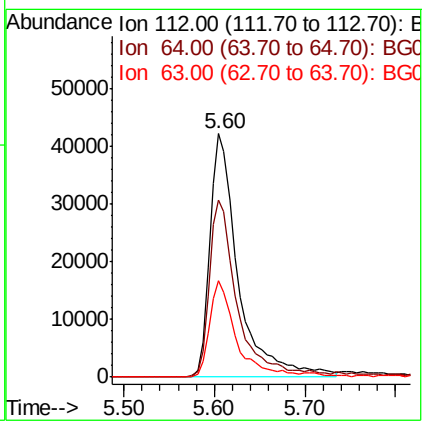


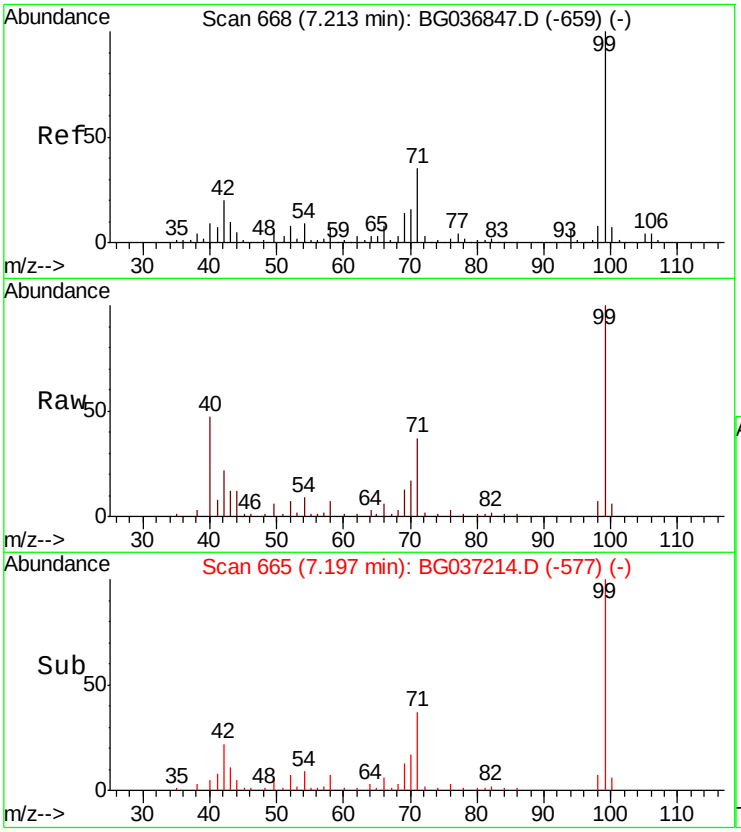


#5
2-Fluorophenol
Concen: 45.181 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Tgt Ion:112 Resp: 91717

Ion	Ratio	Lower	Upper
112	100		
64	72.7	57.2	85.8
63	39.7	30.8	46.2



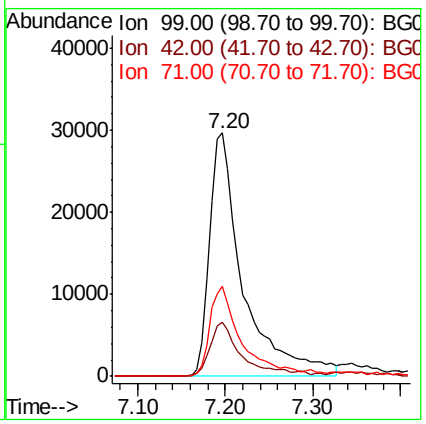


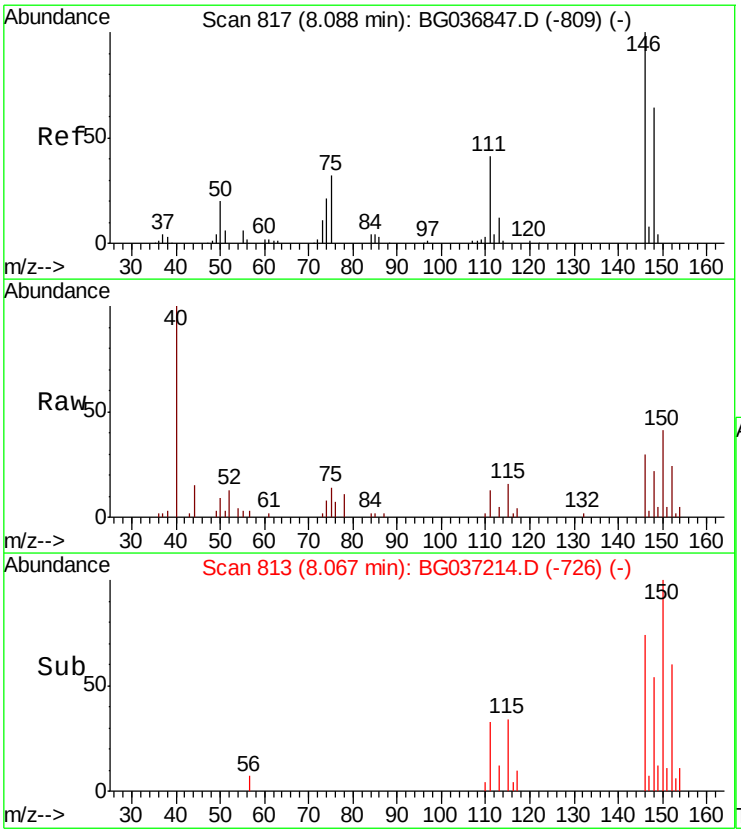
#7
Phenol-d6
Concen: 25.013 ng
RT: 7.20 min Scan# 665
Delta R.T. -0.02 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Instrument :
BNA_G
ClientSampleId :
100318-DBRI-E-U-B

Tgt Ion: 99 Resp: 78561

Ion	Ratio	Lower	Upper
99	100		
42	22.3	16.5	24.7
71	36.8	29.4	44.2

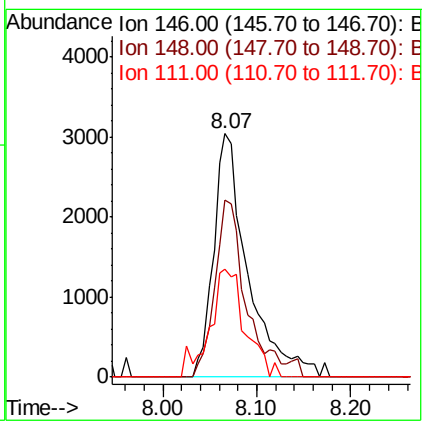


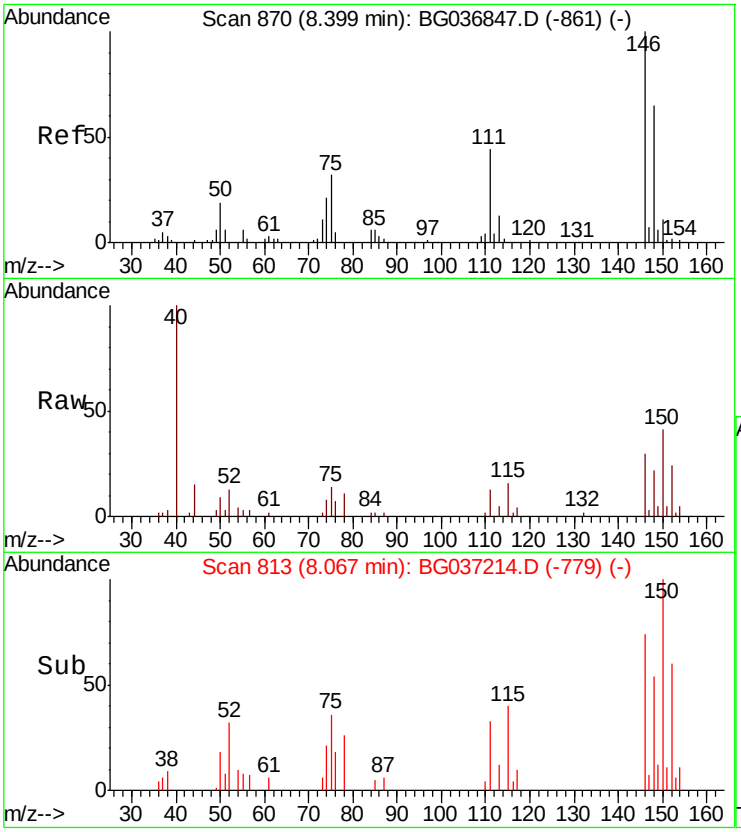


#13
1,4-Dichlorobenzene
Concen: 2.621 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.02 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Tgt Ion:146 Resp: 7752

Ion	Ratio	Lower	Upper
146	100		
148	72.6	53.9	80.9
111	44.4	33.8	50.6



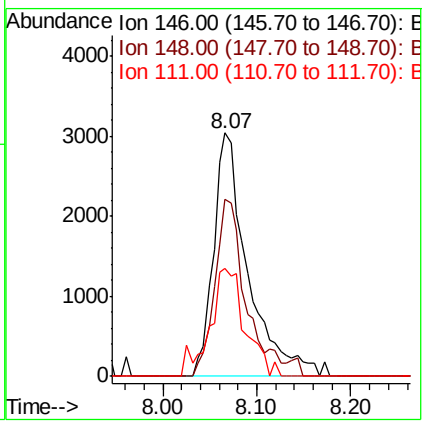


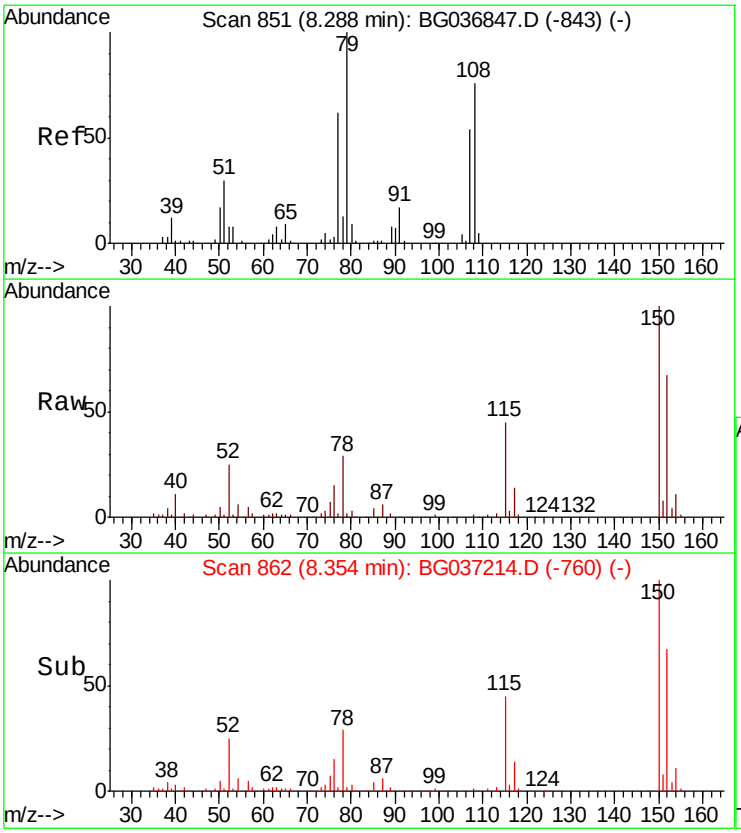
#14
1,2-Dichlorobenzene
Concen: 2.705 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.33 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Instrument :
BNA_G
ClientSampleId :
100318-DBRI-E-U-B

Tgt Ion:146 Resp: 7752

Ion	Ratio	Lower	Upper
146	100		
148	72.6	55.0	82.6
111	44.4	34.6	51.8

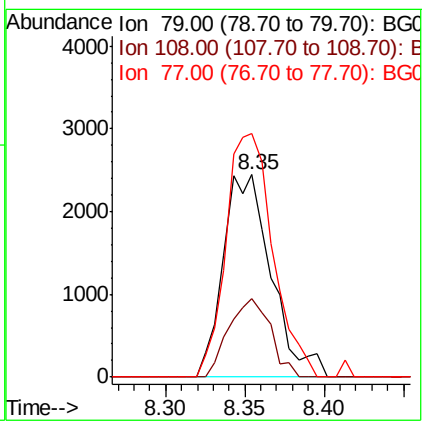


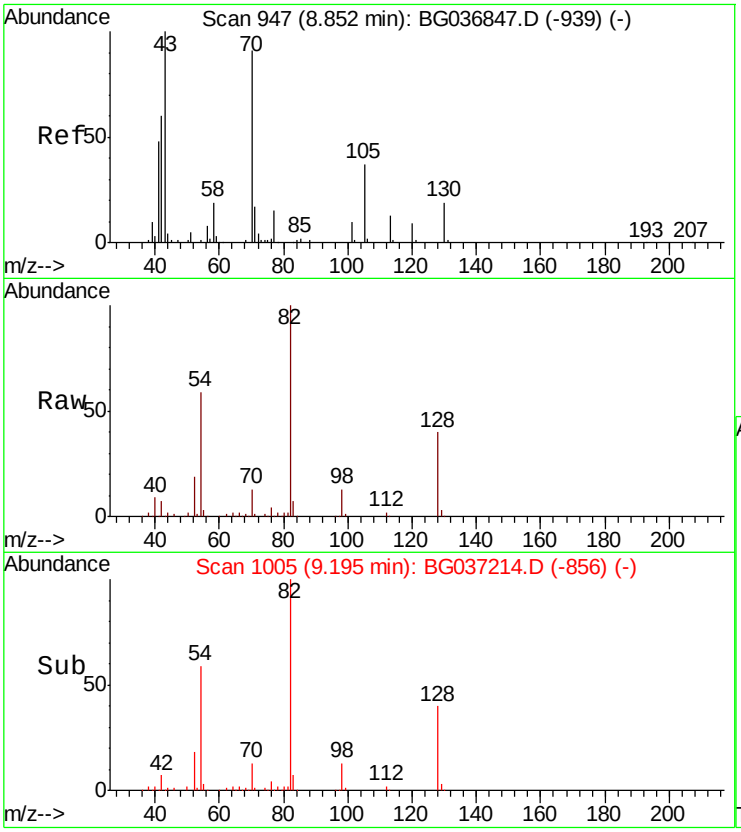


#15
Benzyl Alcohol
Concen: 2.014 ng
RT: 8.35 min Scan# 862
Delta R.T. 0.07 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Tgt Ion: 79 Resp: 5133

Ion	Ratio	Lower	Upper
79	100		
108	39.1	55.9	83.9#
77	120.5	50.0	75.0#



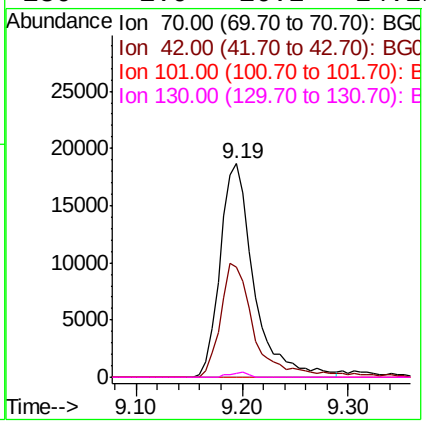


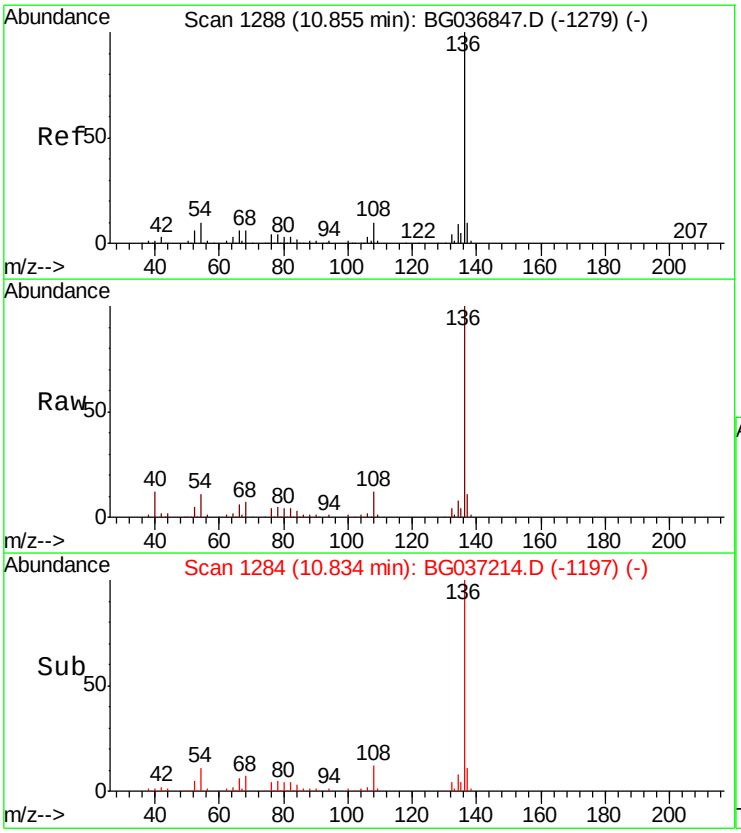
#19
n-Nitroso-di-n-propylamine
Concen: 15.805 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.34 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Instrument :
BNA_G
ClientSampleId :
100318-DBRI-E-U-B

Tgt Ion: 70 Resp: 41294

Ion	Ratio	Lower	Upper
70	100		
42	51.6	56.2	84.4#
101	0.0	7.8	11.6#
130	1.9	16.2	24.2#

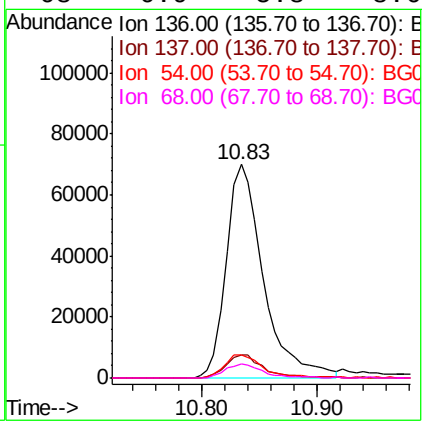


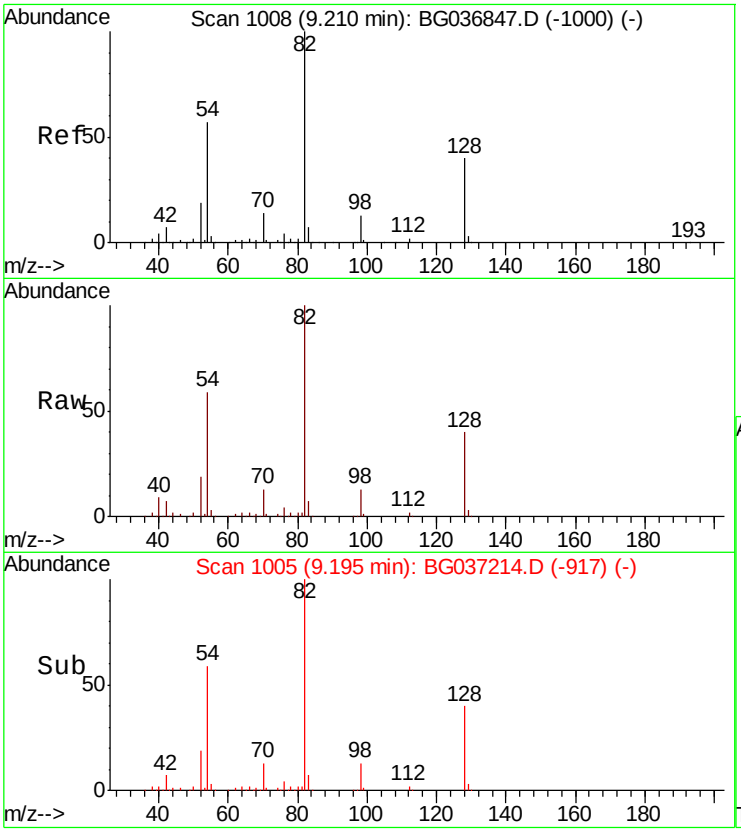


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Tgt Ion:136 Resp: 156303

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.9	9.2	13.8
68	6.9	5.8	8.6



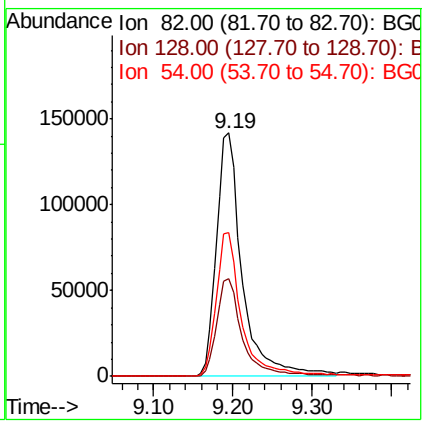


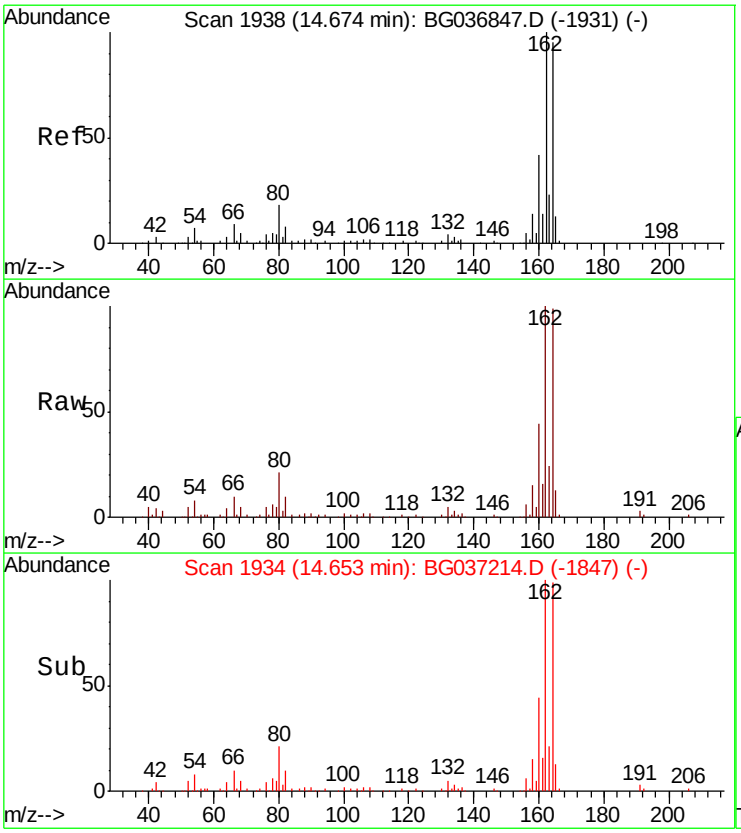
#23
Nitrobenzene-d5
Concen: 109.448 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Instrument :
BNA_G
ClientSampleId :
100318-DBRI-E-U-B

Tgt Ion: 82 Resp: 319454

Ion	Ratio	Lower	Upper
82	100		
128	40.2	33.3	49.9
54	59.3	45.1	67.7

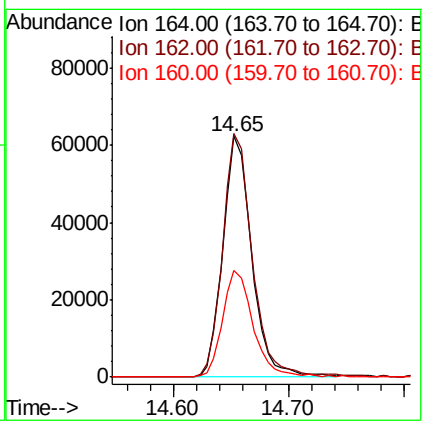


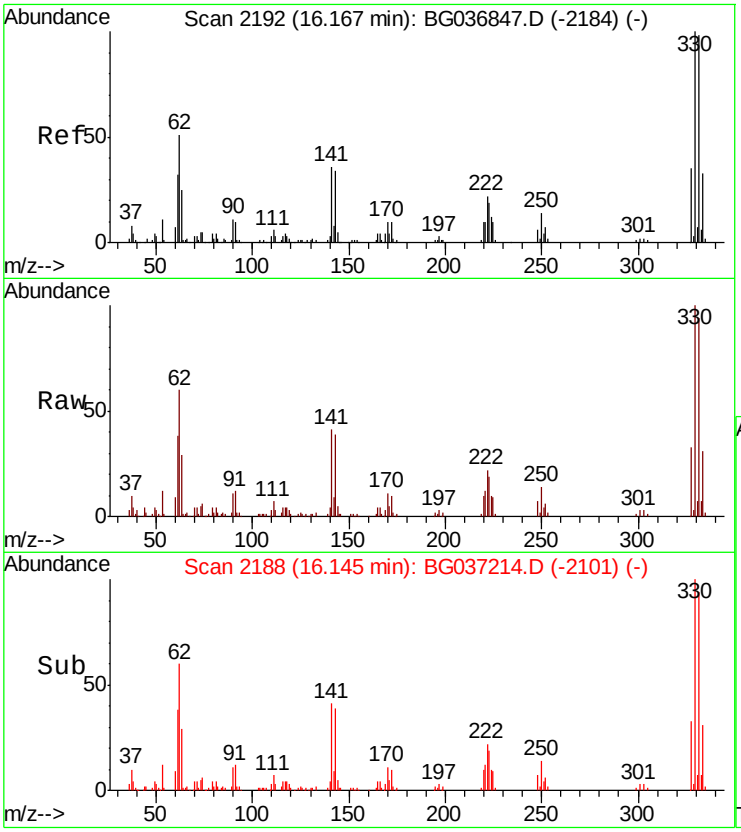


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Tgt Ion:164 Resp: 108531

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.7	121.1
160	44.2	35.3	52.9



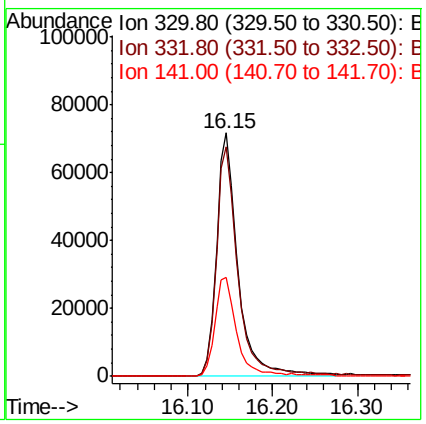


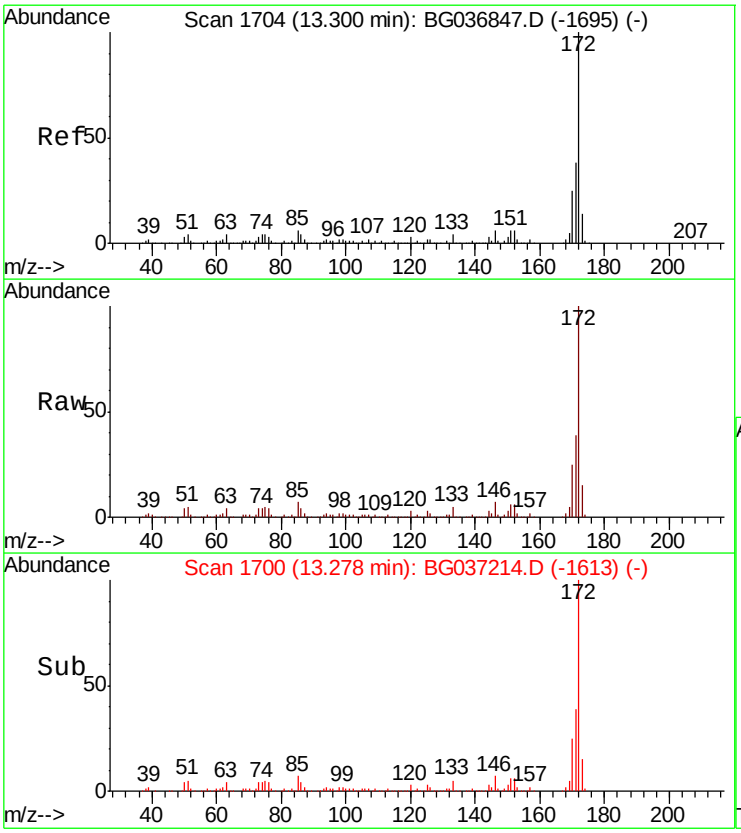
#41
2,4,6-Tribromophenol
Concen: 97.727 ng
RT: 16.15 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Instrument :
BNA_G
ClientSampleId :
100318-DBRI-E-U-B

Tgt Ion:330 Resp: 126899

Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.4	113.2
141	42.6	30.7	46.1

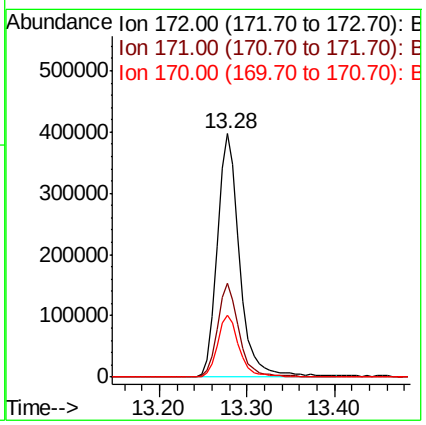


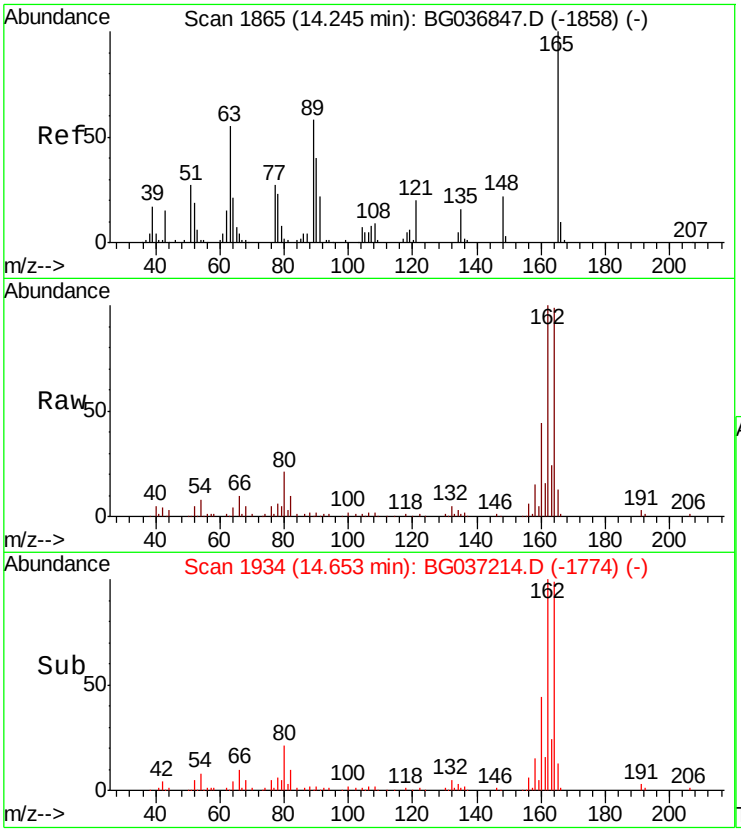


#44
2-Fluorobiphenyl
Concen: 96.418 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.02 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Tgt Ion:172 Resp: 702589

Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.3	46.9
170	25.4	21.0	31.6



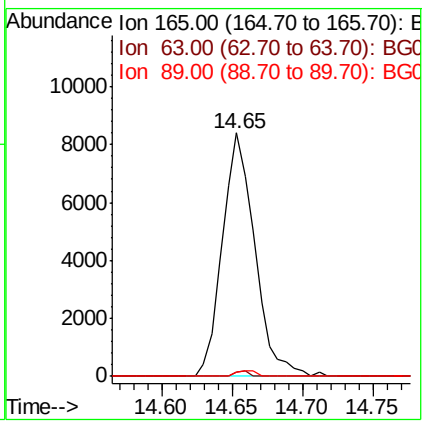


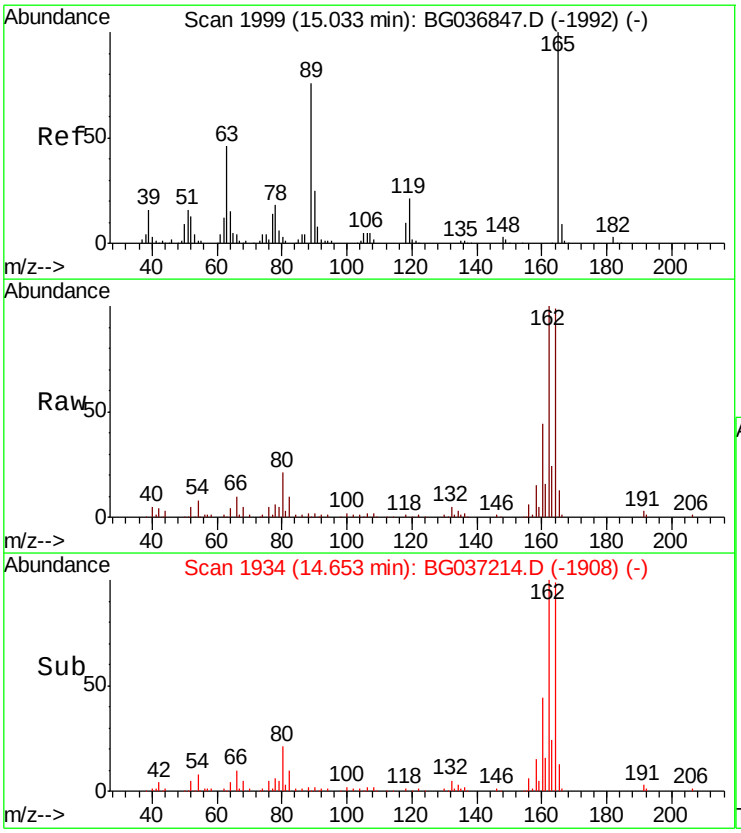
#50
2,6-Dinitrotoluene
Concen: 7.042 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.41 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Instrument :
BNA_G
ClientSampleId :
100318-DBRI-E-U-B

Tgt Ion:165 Resp: 13423

Ion	Ratio	Lower	Upper
165	100		
63	2.0	50.1	75.1#
89	1.9	47.8	71.6#

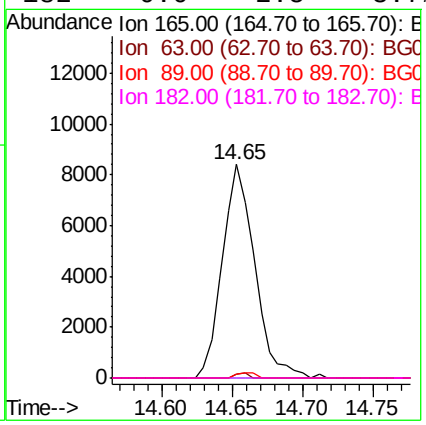


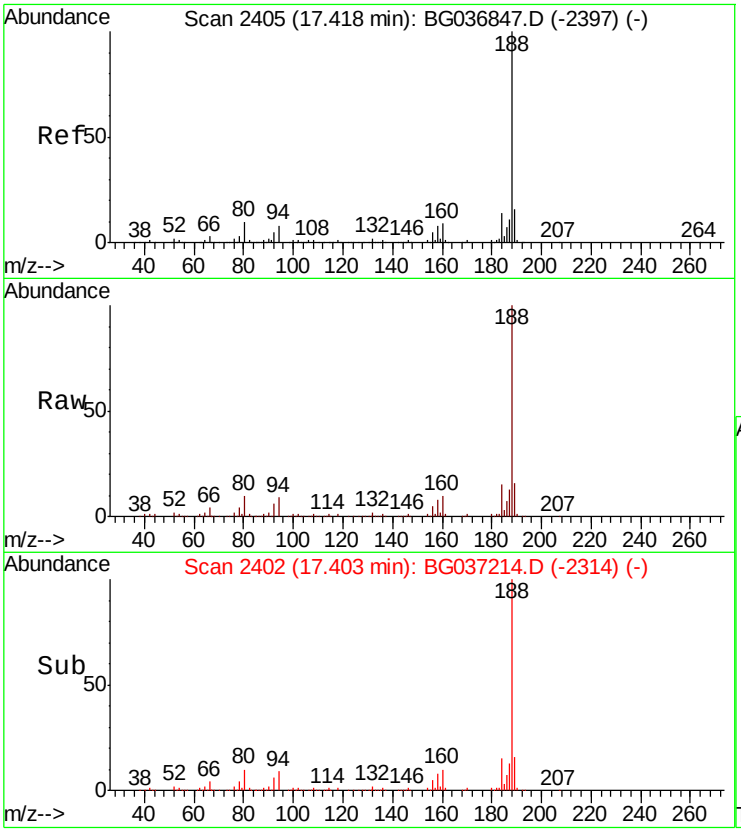


#56
2,4-Dinitrotoluene
Concen: 5.047 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.38 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Tgt Ion:165 Resp: 13423

Ion	Ratio	Lower	Upper
165	100		
63	2.0	40.1	60.1#
89	1.9	63.7	95.5#
182	0.0	2.5	3.7#



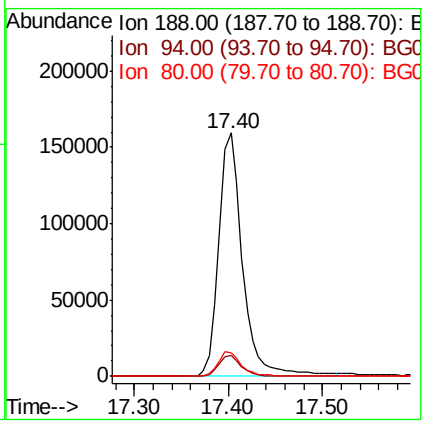


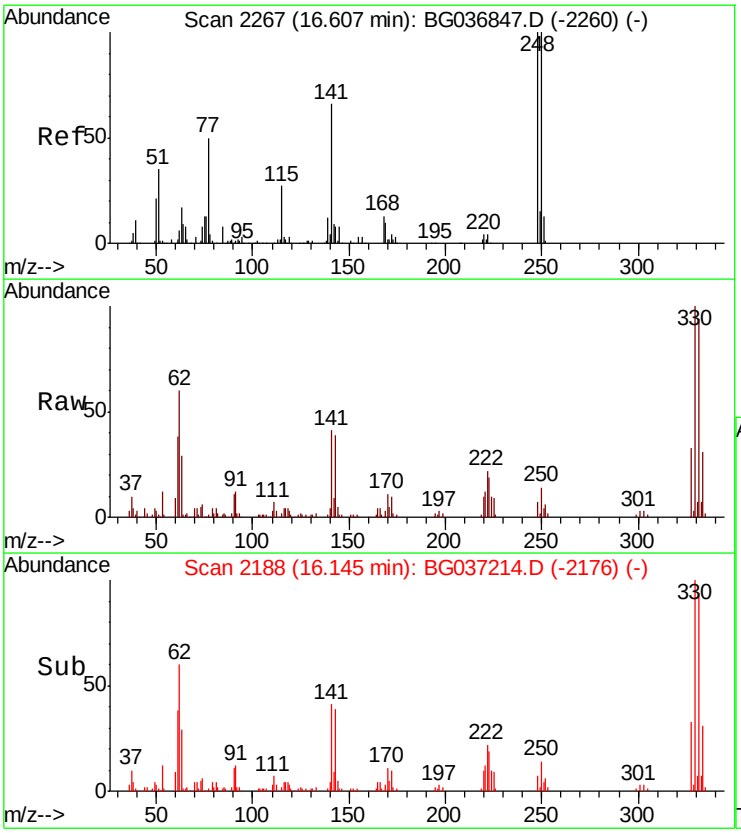
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Instrument :
BNA_G
ClientSampleId :
100318-DBRI-E-U-B

Tgt Ion:188 Resp: 283755

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.7	8.1	12.1

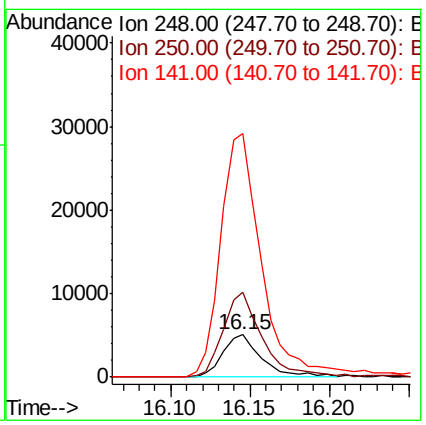


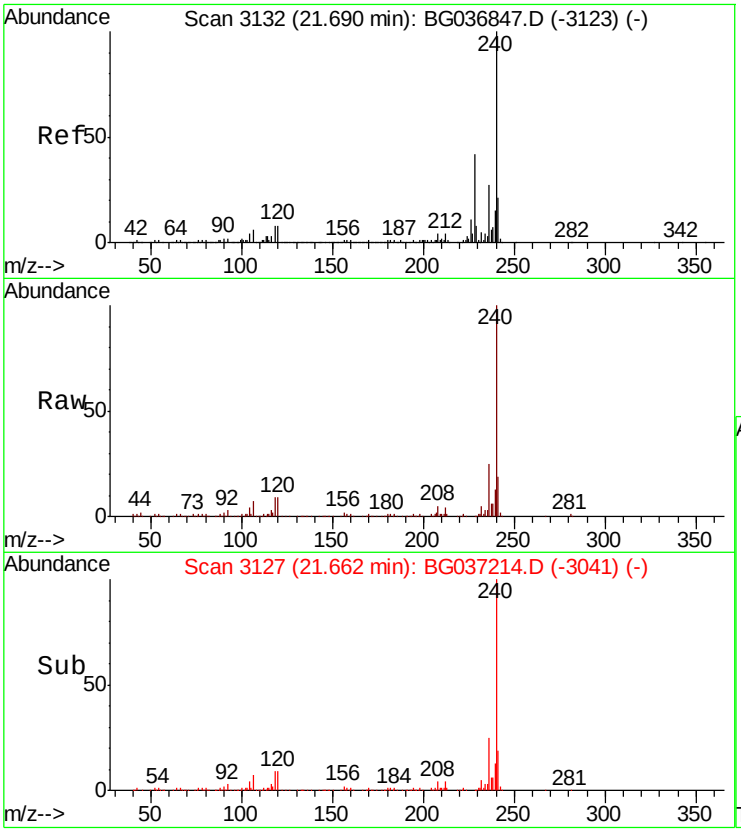


#66
4-Bromophenyl-phenylether
Concen: 2.659 ng
RT: 16.15 min Scan# 2188
Delta R.T. -0.46 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Tgt Ion:248 Resp: 8583

Ion	Ratio	Lower	Upper
248	100		
250	200.9	78.1	117.1#
141	572.8	53.7	80.5#



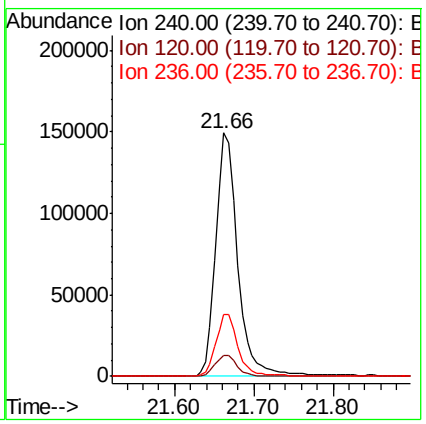


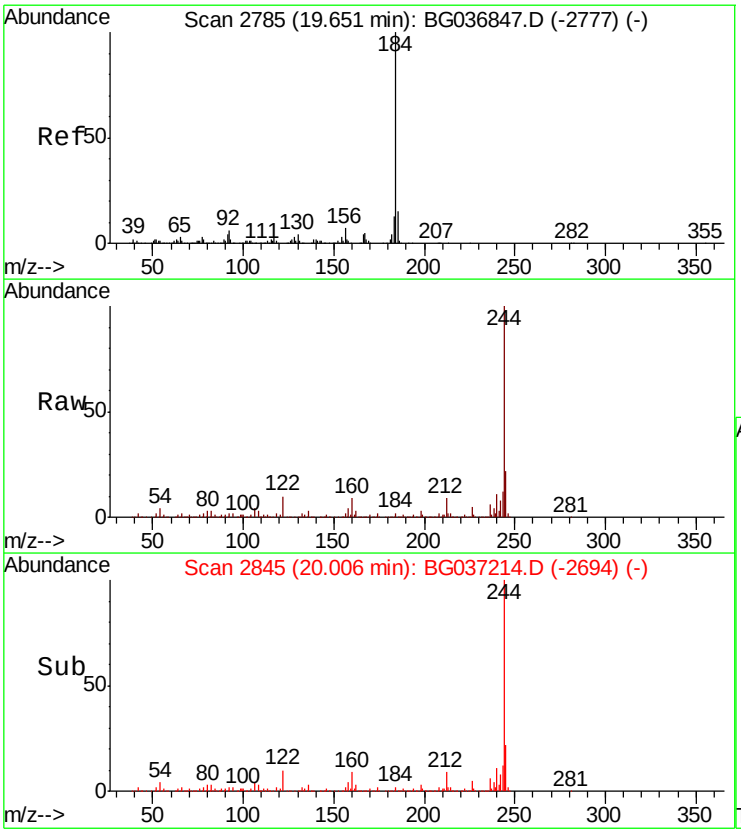
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Instrument :
BNA_G
ClientSampleId :
100318-DBRI-E-U-B

Tgt Ion:240 Resp: 287967

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.9	10.3
236	25.4	21.2	31.8

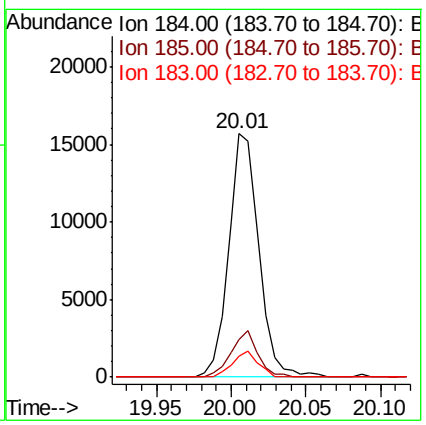


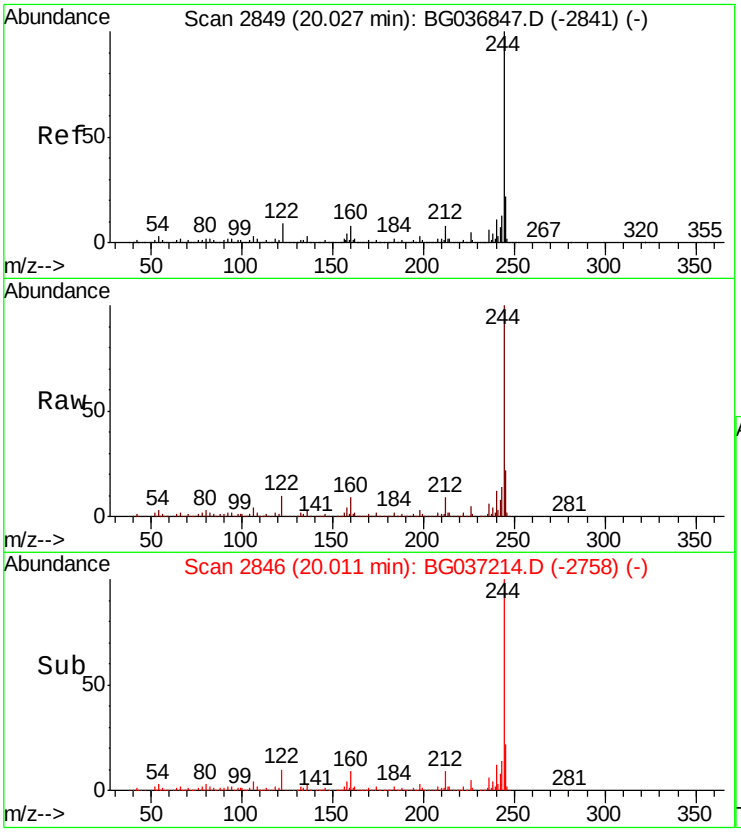


#76
Benzidine
Concen: 2.537 ng
RT: 20.01 min Scan# 2845
Delta R.T. 0.35 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Tgt Ion:184 Resp: 22083

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.6	18.8
183	8.5	10.9	16.3#



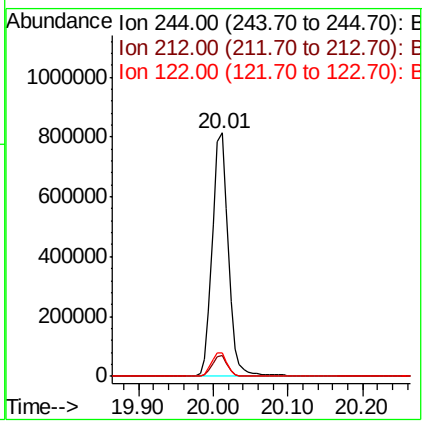


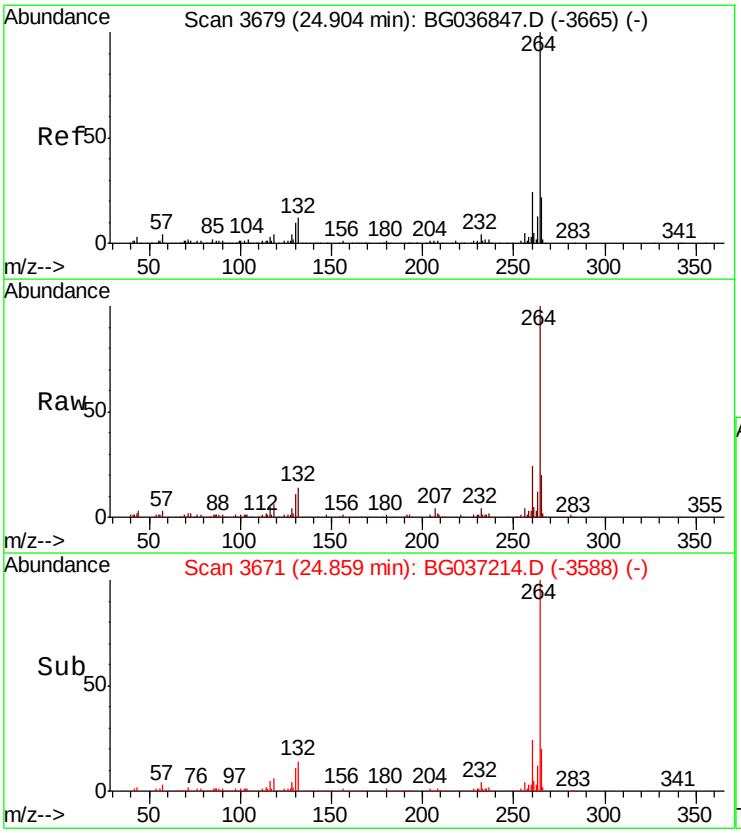
#78
Terphenyl-d14
Concen: 110.970 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Instrument :
BNA_G
ClientSampleId :
100318-DBRI-E-U-B

Tgt Ion:244 Resp: 1215276

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.6	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: BG037214.D
Acq: 6 Oct 2018 15:55

Tgt Ion:264 Resp: 281944

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	20.5	17.4	26.0