Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG010518\
Data File : BG031938.D
Acq On : 5 Jan 2018 18:30
Operator : SJ/JU
Sample : J1011-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 05 23:12:03 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	51698	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	217150	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	153877	20.00	ng		-0.01
63) Phenanthrene-d10	18.14	188	423411	20.00	ng		-0.02
75) Chrysene-d12	22.49	240	474644	20.00	ng		-0.03
86) Perylene-d12	26.22	264	472522	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	365374	128.73	ng		0.00
7) Phenol-d6	7.89	99	433849	117.73	ng		0.00
23) Nitrobenzene-d5	9.98	82	290234	100.93	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	374134	159.34	ng		-0.01
44) 2-Fluorobiphenyl	14.04	172	1027140	83.78	ng		-0.01
78) Terphenyl-d14	20.68	244	1972089	94.92	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.98	70	37721	14.988	ng	#	73
31) Naphthalene	11.71	128	42923	3.917	ng		98
32) Benzoic acid	10.83	122	2669	7.725	ng		89
50) 2,6-Dinitrotoluene	15.41	165	20544	8.238	ng	#	18
56) 2,4-Dinitrotoluene	15.41	165	20544	6.407	ng	#	16
64) 4,6-Dinitro-2-methylphenol	16.88	198	1106	8.750	ng	#	59
66) 4-Bromophenyl-phenylether	16.89	248	29180	4.766	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG010518\
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Acq On : 5 Jan 2018 18:30
Operator : SJ/JU
Sample : J1011-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :

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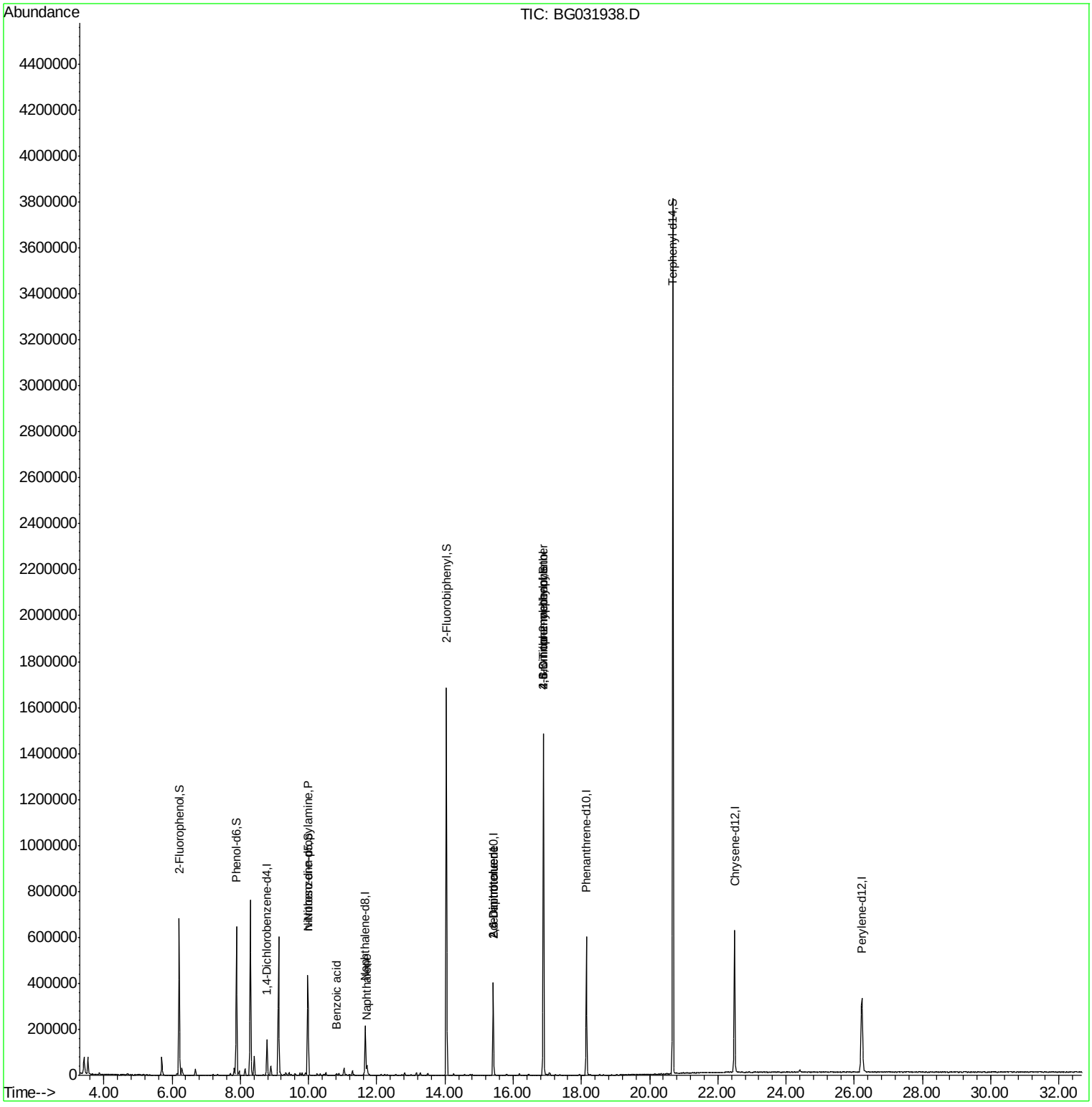
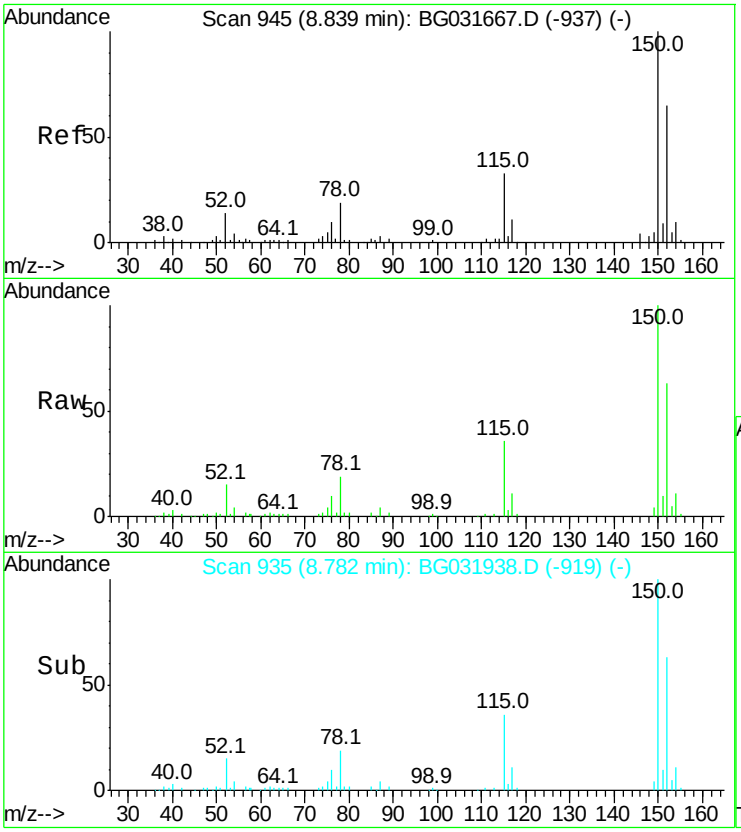


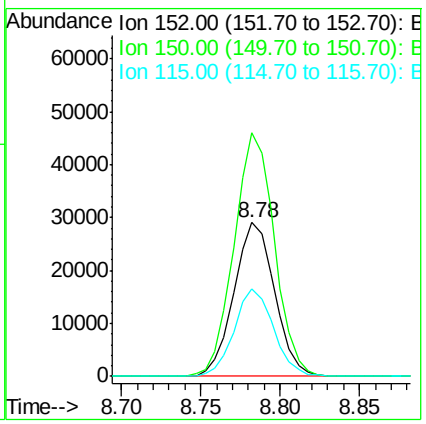


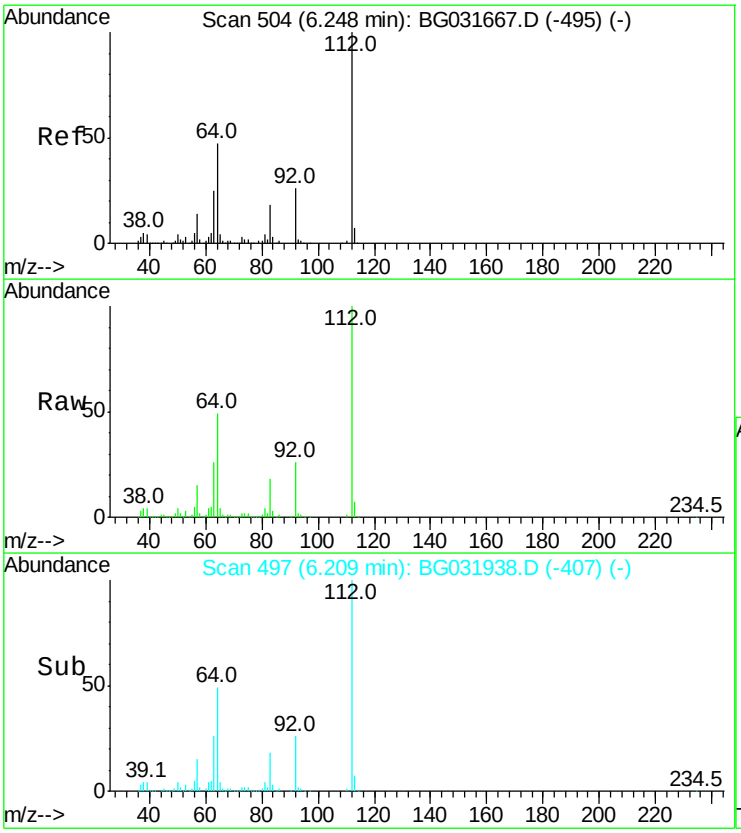
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031938.D
Acq: 5 Jan 2018 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 51698

Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.6	189.8
115	56.7	53.0	79.4

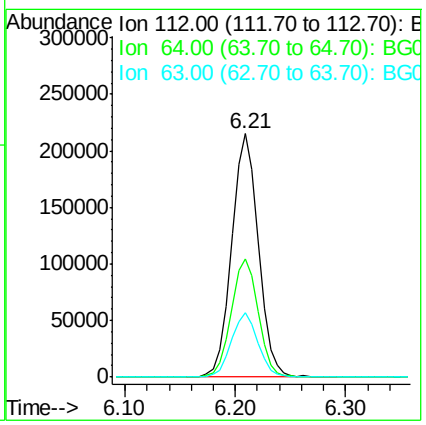


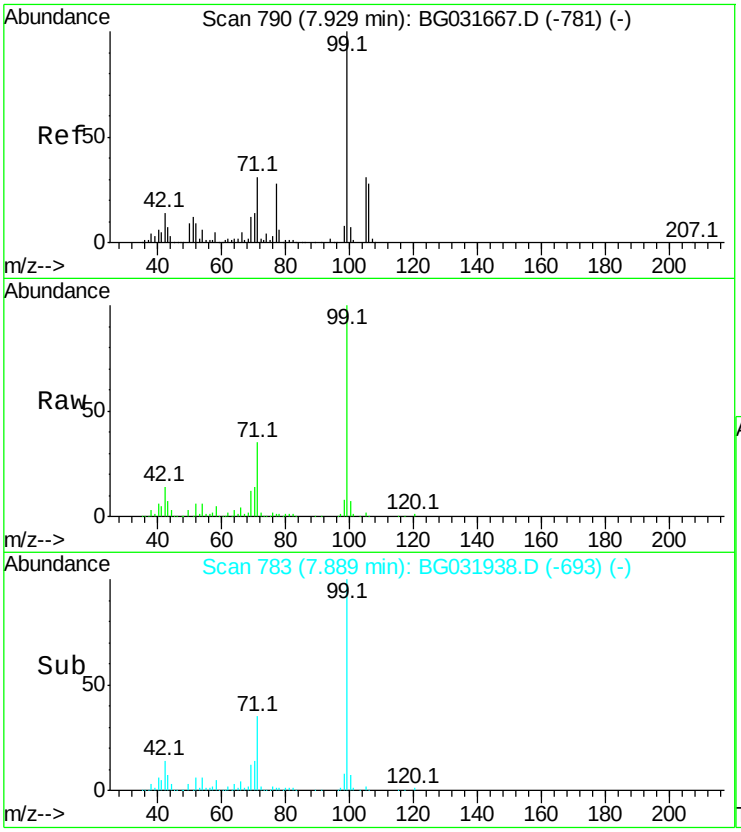


#5
2-Fluorophenol
Concen: 128.726 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031938.D
Acq: 5 Jan 2018 18:30

Tgt Ion:112 Resp: 365374

Ion	Ratio	Lower	Upper
112	100		
64	48.7	56.3	84.5#
63	26.2	30.1	45.1#



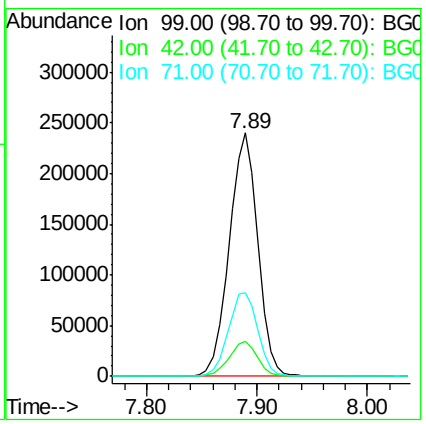


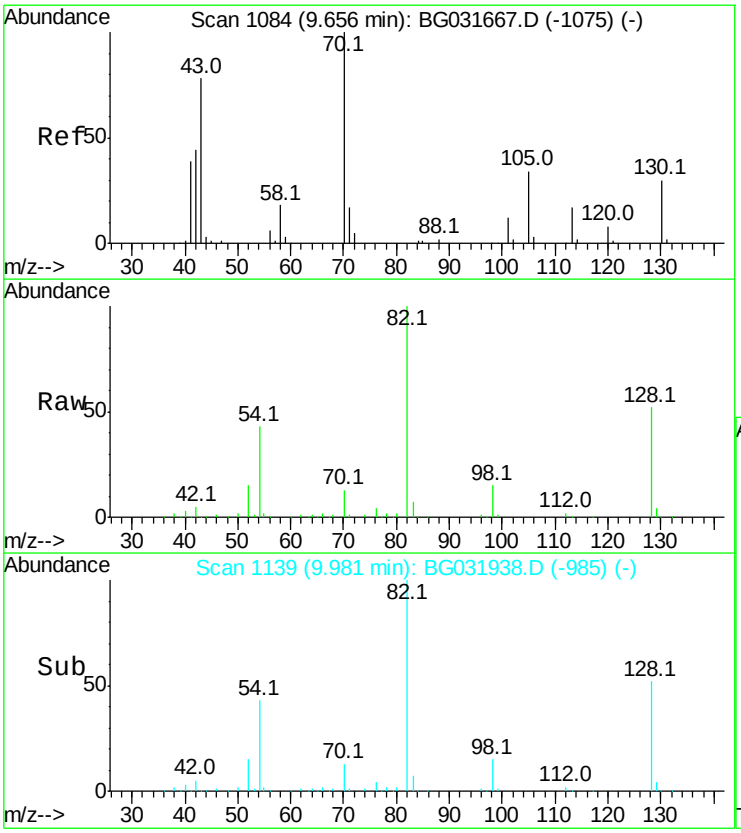
#7
Phenol-d6
Concen: 117.728 ng
RT: 7.89 min Scan# 783
Delta R.T. -0.00 min
Lab File: BG031938.D
Acq: 5 Jan 2018 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 433849

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.1	21.1
71	34.6	26.1	39.1

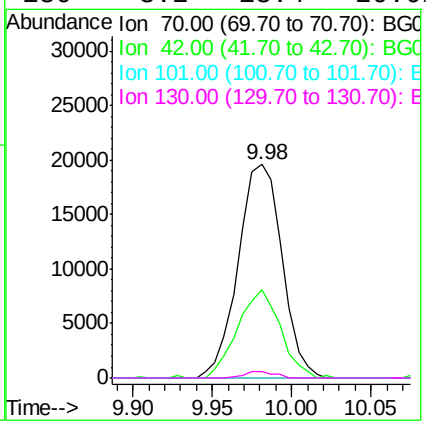


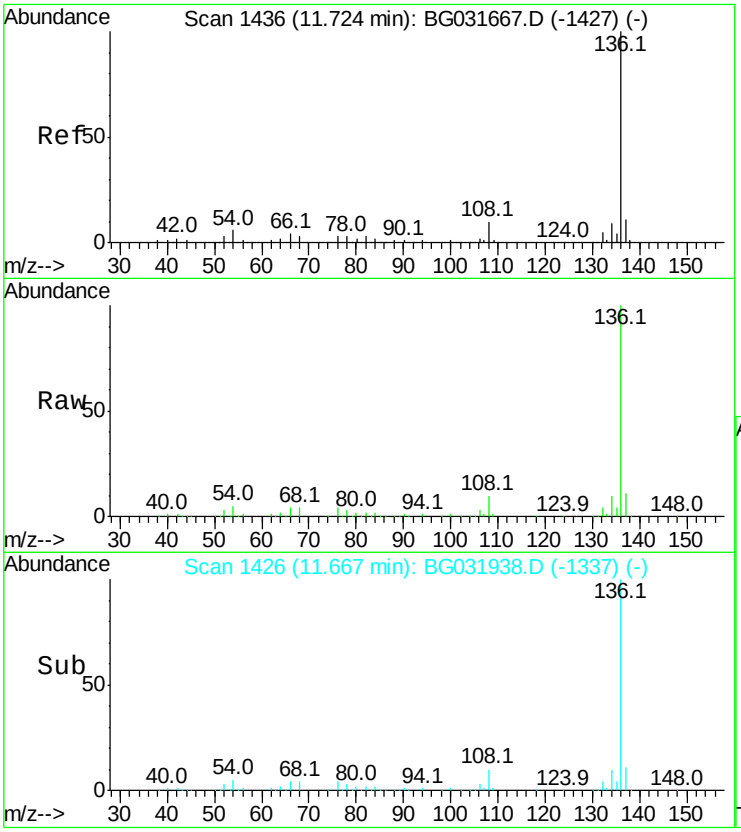


#19
n-Nitroso-di-n-propylamine
Concen: 14.988 ng
RT: 9.98 min Scan# 1139
Delta R.T. 0.38 min
Lab File: BG031938.D
Acq: 5 Jan 2018 18:30

Tgt Ion: 70 Resp: 37721

Ion	Ratio	Lower	Upper
70	100		
42	41.5	49.1	73.7#
101	0.0	8.5	12.7#
130	3.2	13.4	20.0#



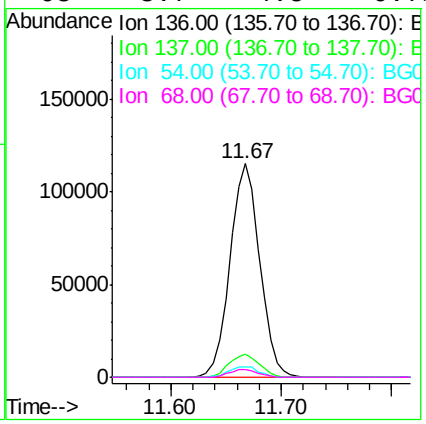


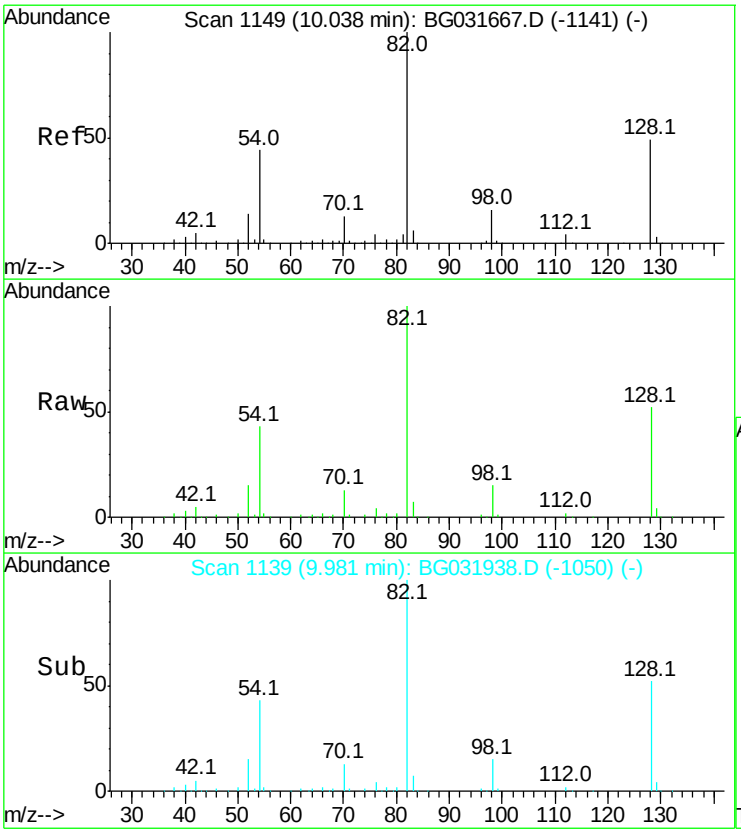
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031938.D
Acq: 5 Jan 2018 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 217150

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	4.9	10.3	15.5#
68	3.7	4.5	6.7#

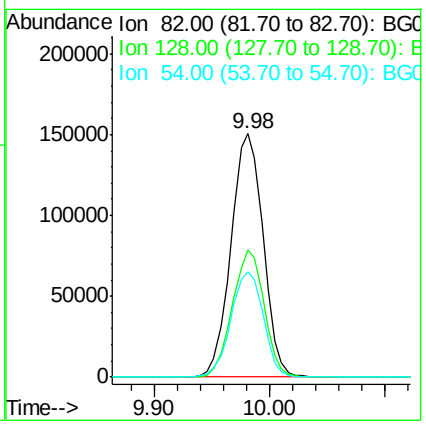


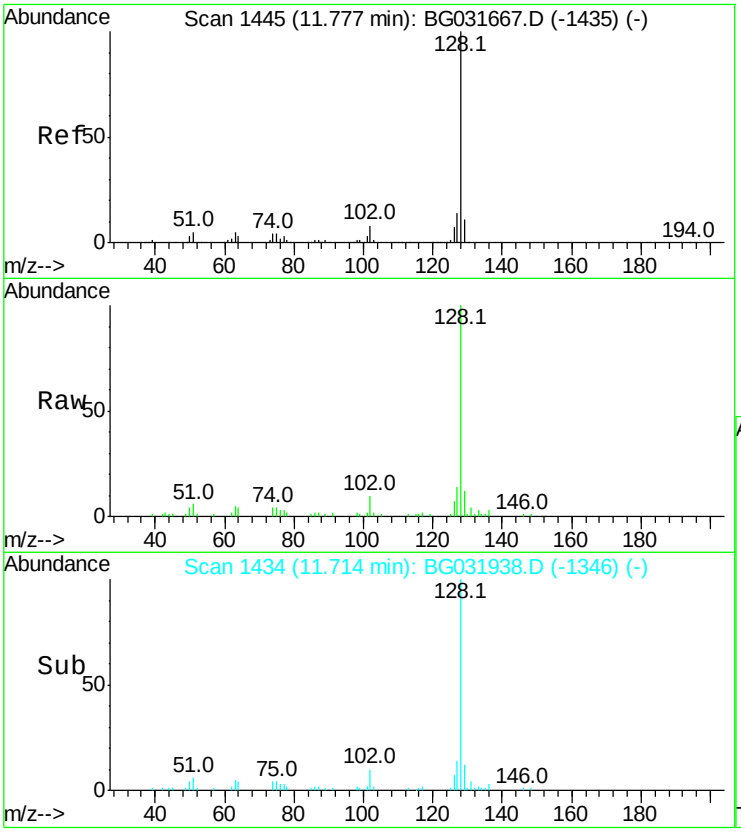


#23
Nitrobenzene-d5
Concen: 100.927 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031938.D
Acq: 5 Jan 2018 18:30

Tgt Ion: 82 Resp: 290234

Ion	Ratio	Lower	Upper
82	100		
128	52.1	29.7	44.5#
54	43.4	43.1	64.7



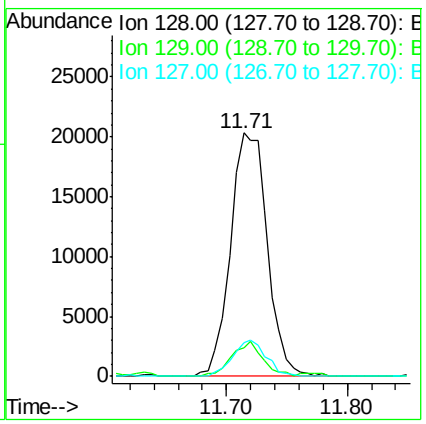


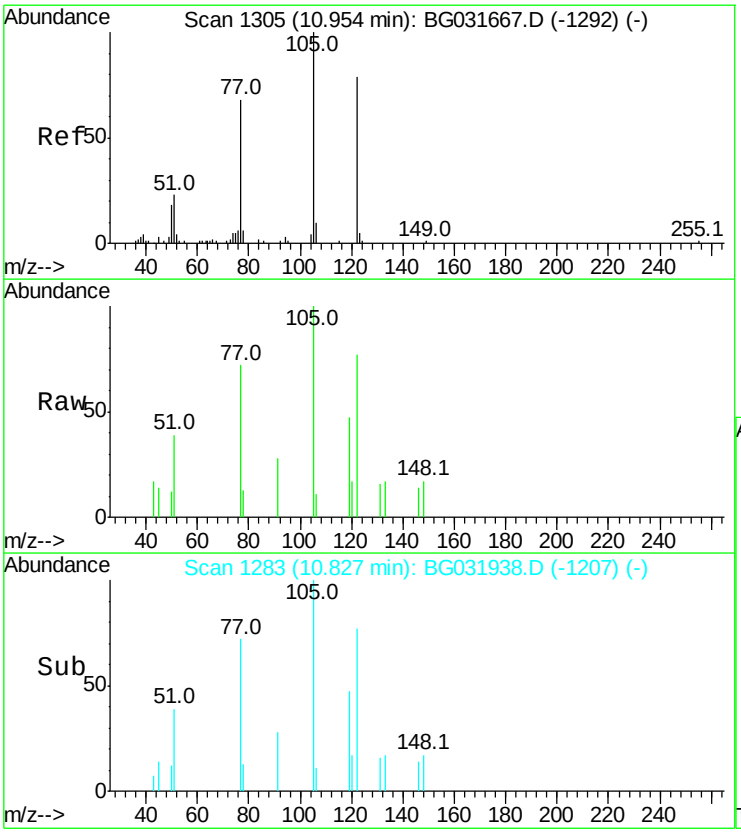
#31
Naphthalene
Concen: 3.917 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031938.D
Acq: 5 Jan 2018 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 42923

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	13.9	11.6	17.4

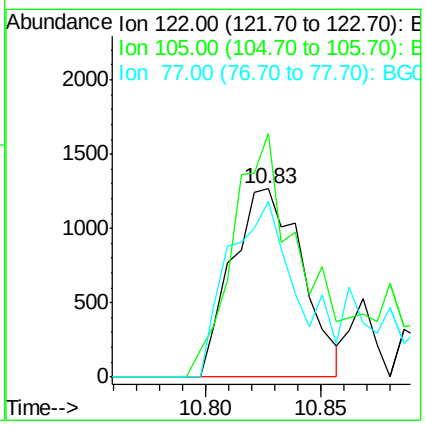


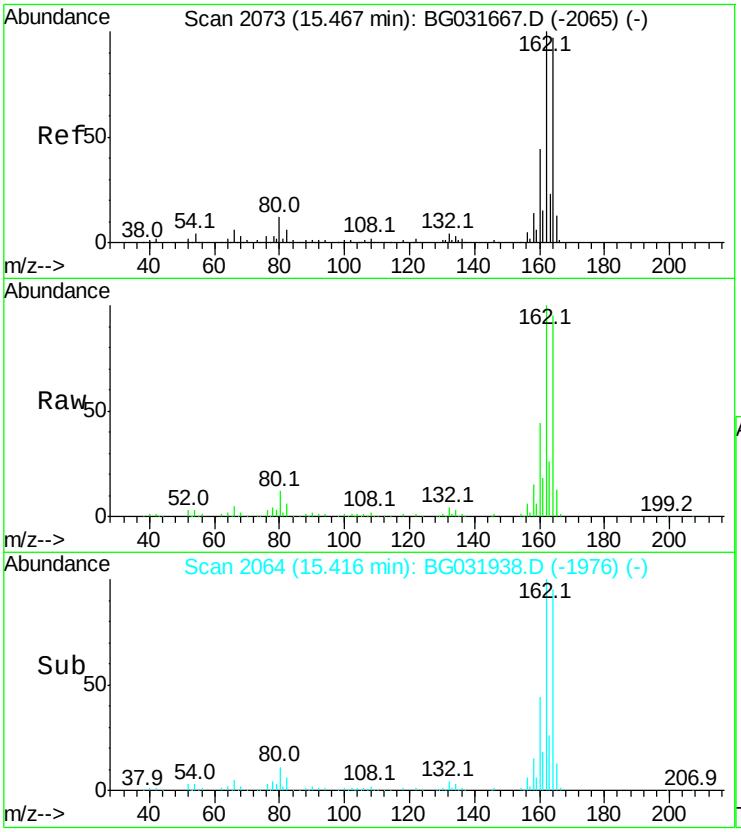


#32
Benzoic acid
Concen: 7.725 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.08 min
Lab File: BG031938.D
Acq: 5 Jan 2018 18:30

Tgt Ion:122 Resp: 2669

Ion	Ratio	Lower	Upper
122	100		
105	129.5	123.5	163.5
77	93.7	85.7	125.7



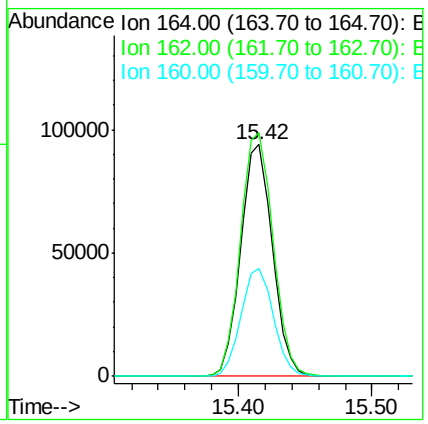


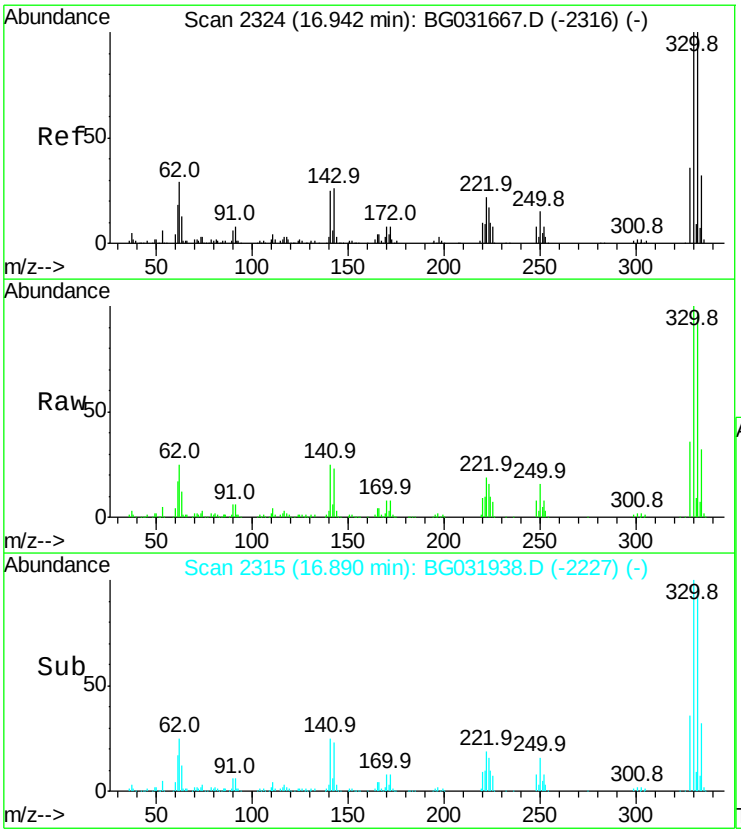
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.42 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031938.D
Acq: 5 Jan 2018 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 153877

Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.8	118.2
160	46.4	35.4	53.0

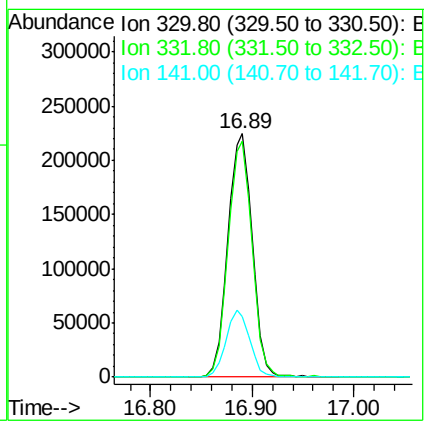


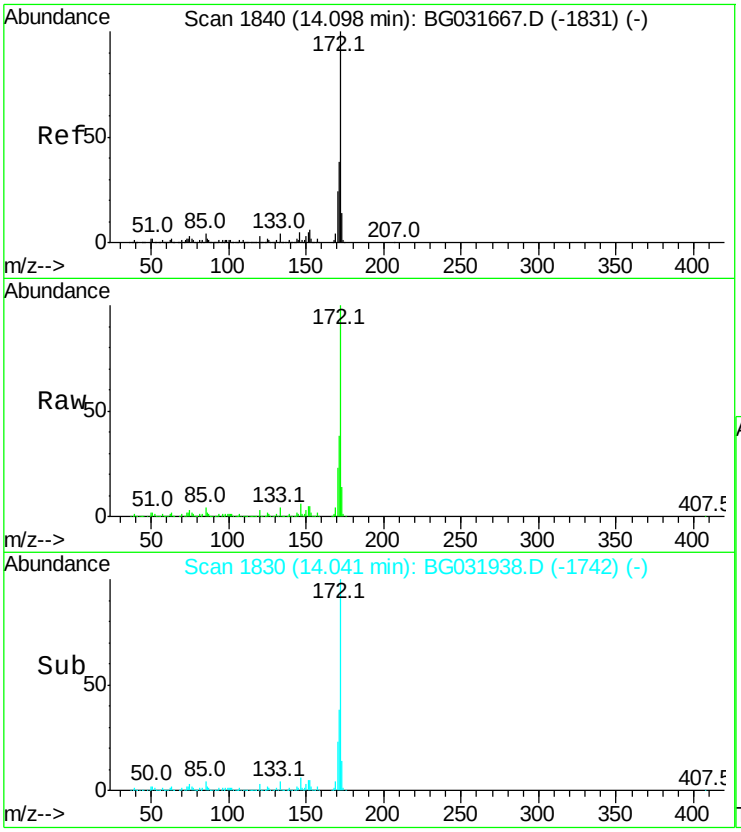


#41
2,4,6-Tribromophenol
Concen: 159.345 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG031938.D
Acq: 5 Jan 2018 18:30

Tgt Ion:330 Resp: 374134

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	26.5	25.2	37.8



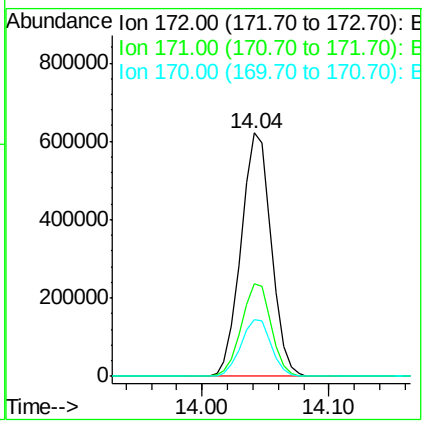


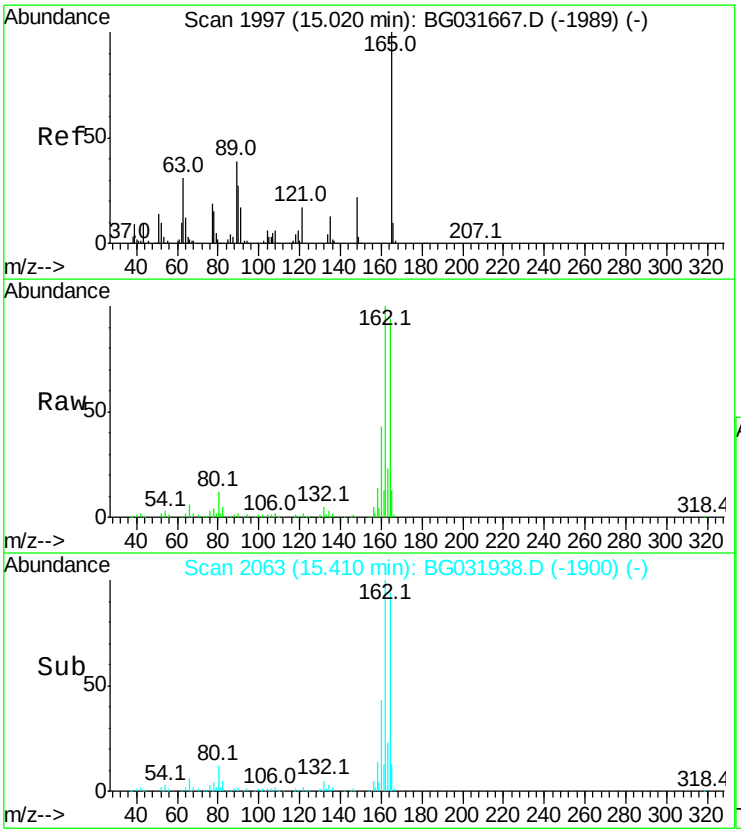
#44
2-Fluorobiphenyl
Concen: 83.781 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG031938.D
Acq: 5 Jan 2018 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1027140

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.2	19.5	29.3

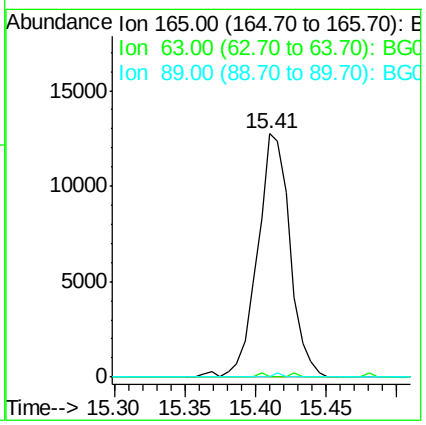


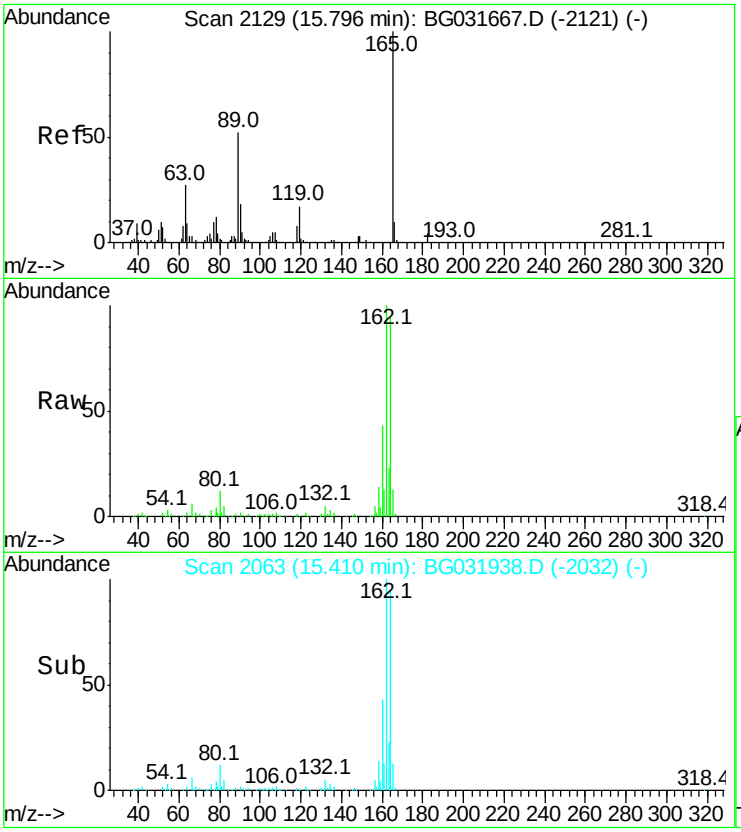


#50
2,6-Dinitrotoluene
Concen: 8.238 ng
RT: 15.41 min Scan# 2063
Delta R.T. 0.43 min
Lab File: BG031938.D
Acq: 5 Jan 2018 18:30

Tgt Ion:165 Resp: 20544

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



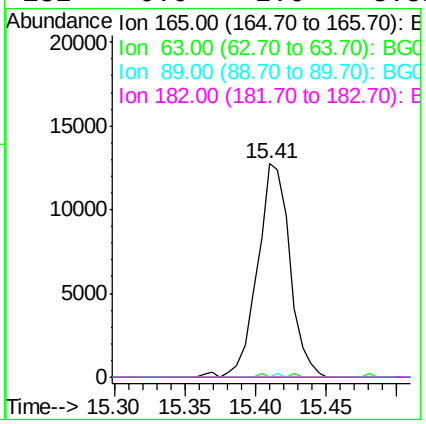


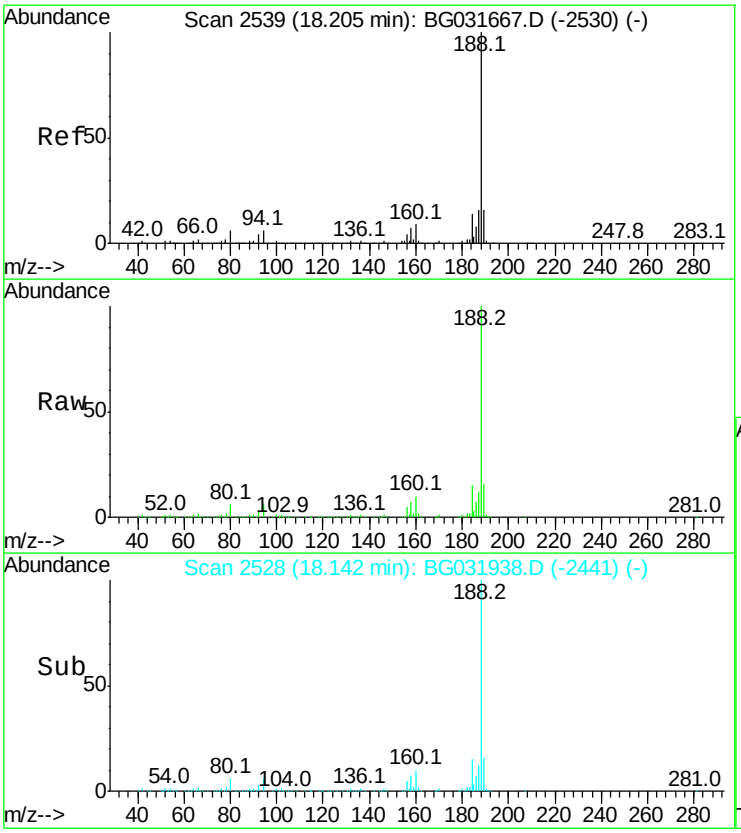
#56
2,4-Dinitrotoluene
Concen: 6.407 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.35 min
Lab File: BG031938.D
Acq: 5 Jan 2018 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20544

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

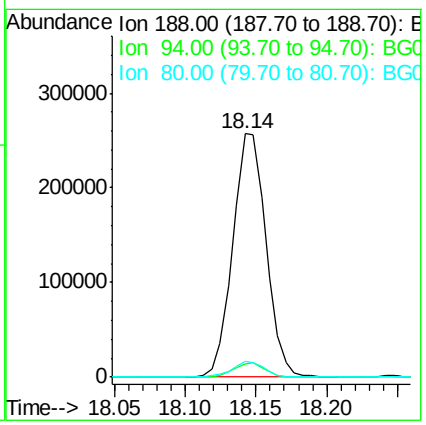


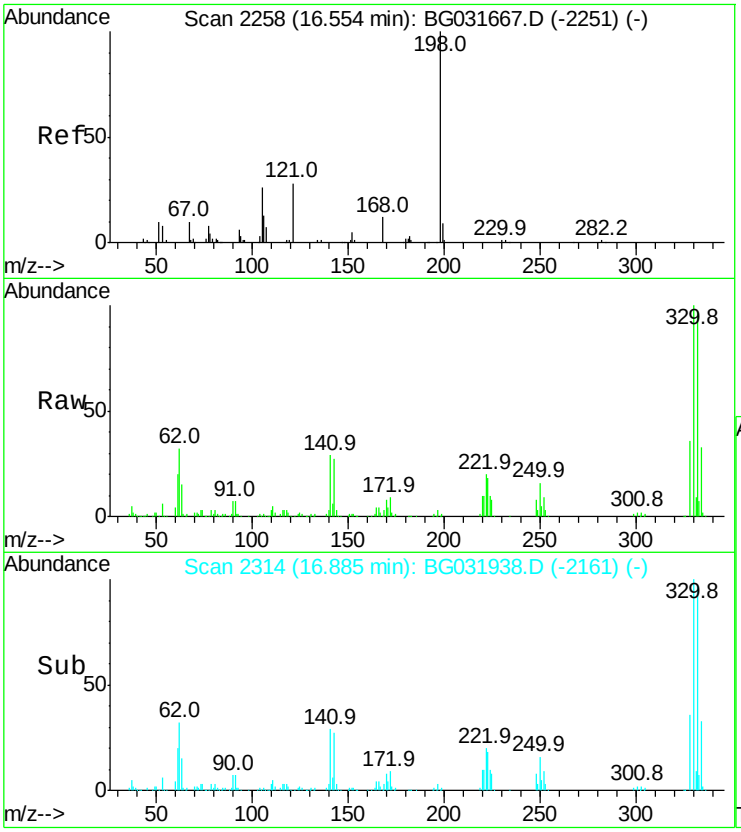


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BG031938.D
Acq: 5 Jan 2018 18:30

Tgt Ion:188 Resp: 423411

Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	6.2	7.7	11.5#



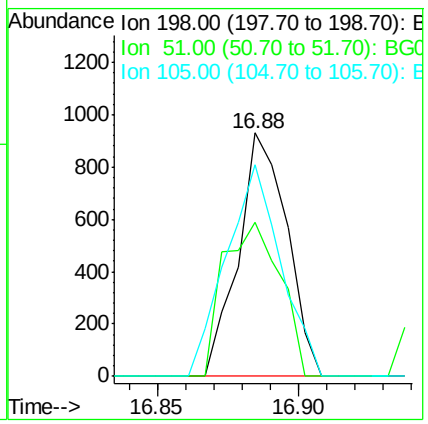


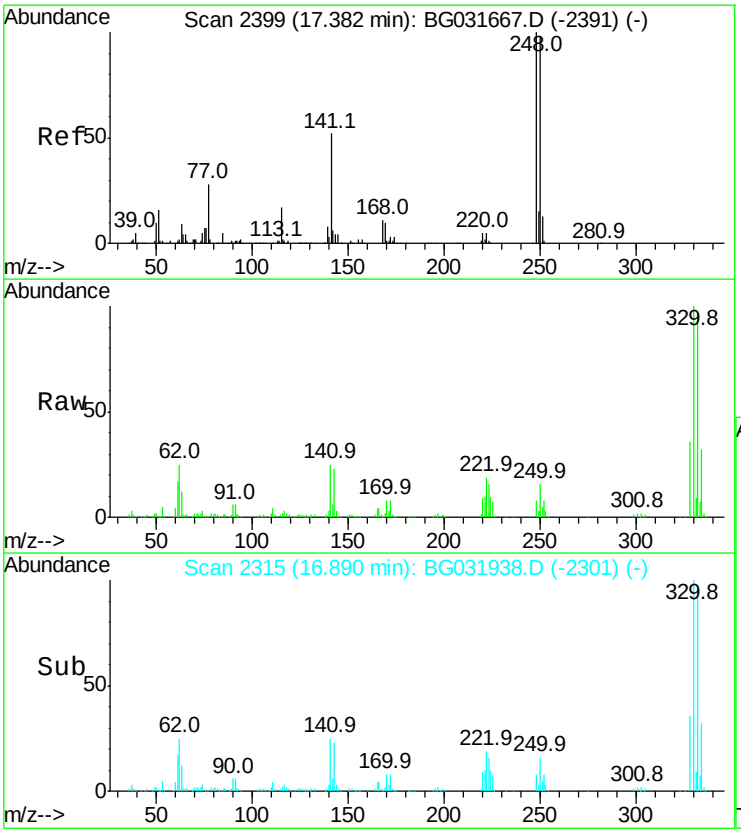
#64
4,6-Dinitro-2-methylphenol
Concen: 8.750 ng
RT: 16.88 min Scan# 2314
Delta R.T. 0.37 min
Lab File: BG031938.D
Acq: 5 Jan 2018 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 1106

Ion	Ratio	Lower	Upper
198	100		
51	63.4	30.6	70.6
105	86.8	23.8	63.8#

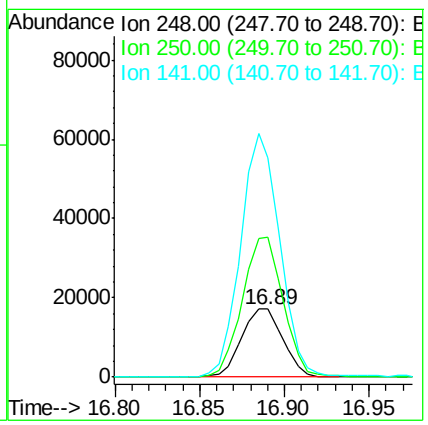


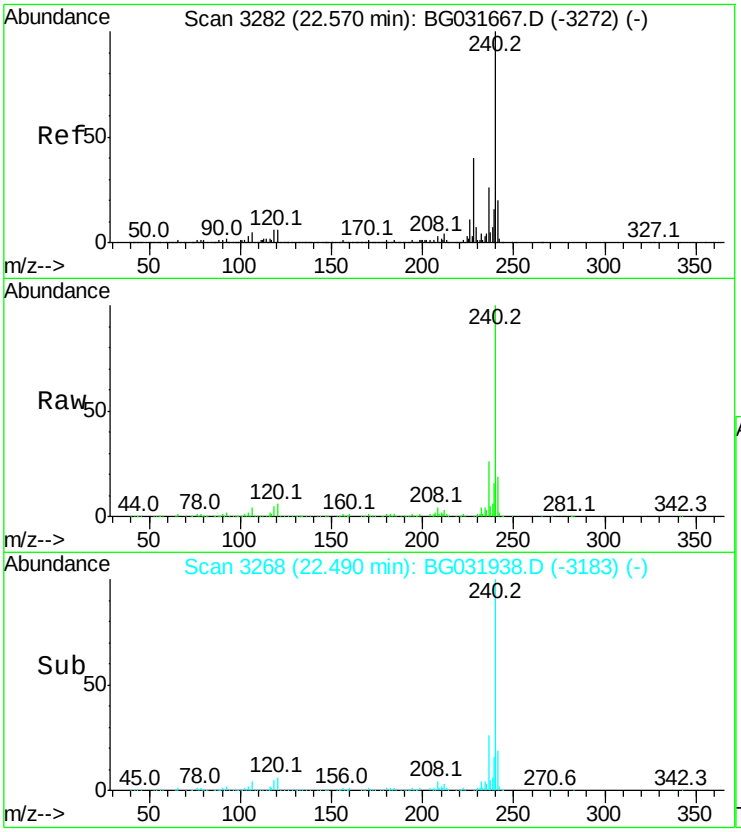


#66
4-Bromophenyl-phenylether
Concen: 4.766 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.45 min
Lab File: BG031938.D
Acq: 5 Jan 2018 18:30

Tgt Ion:248 Resp: 29180

Ion	Ratio	Lower	Upper
248	100		
250	206.8	77.1	115.7#
141	323.3	50.8	76.2#



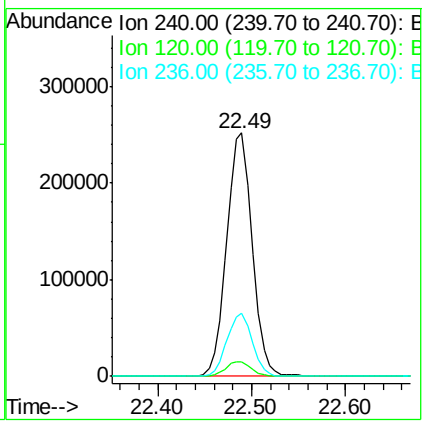


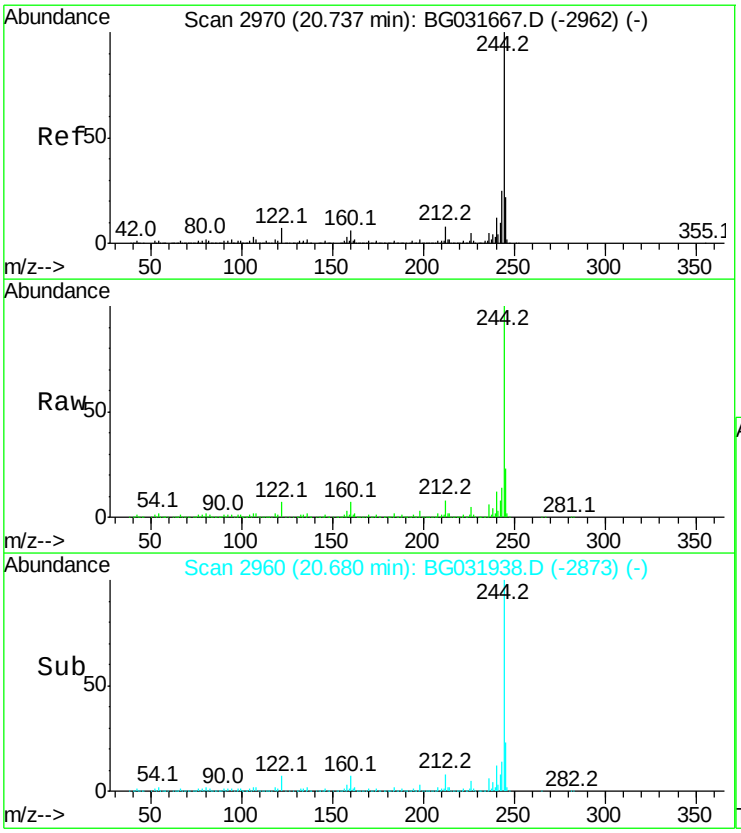
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.03 min
Lab File: BG031938.D
Acq: 5 Jan 2018 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 474644

Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	25.8	20.9	31.3

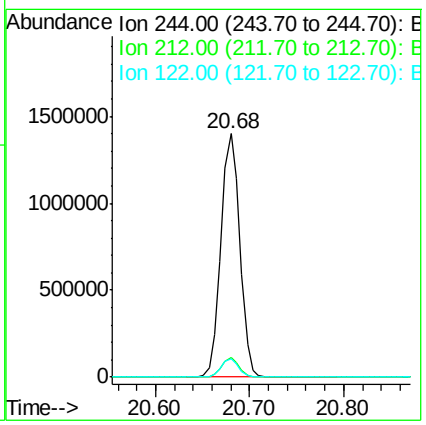


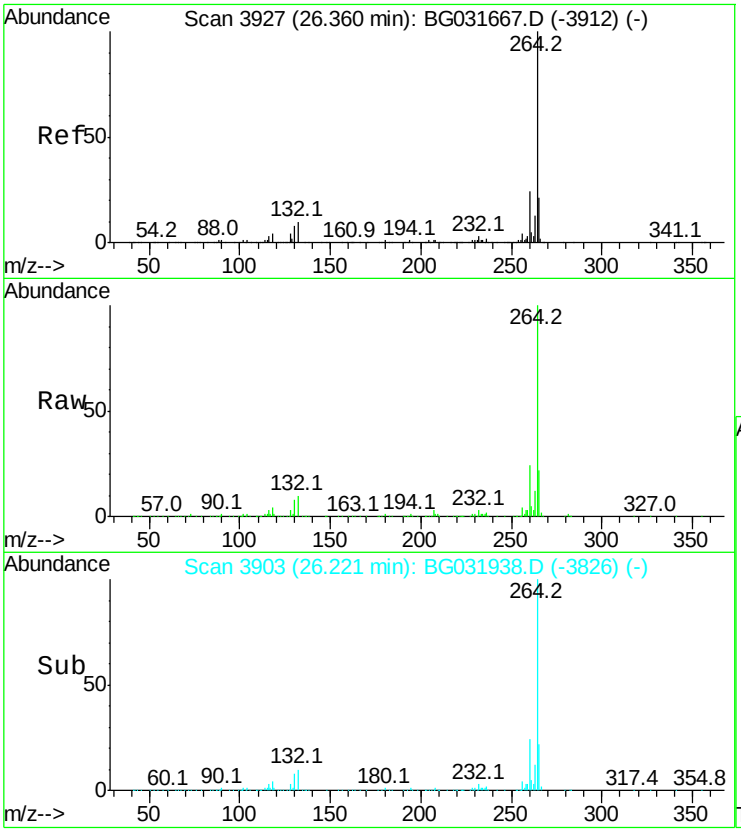


#78
Terphenyl-d14
Concen: 94.924 ng
RT: 20.68 min Scan# 2960
Delta R.T. -0.02 min
Lab File: BG031938.D
Acq: 5 Jan 2018 18:30

Tgt Ion:244 Resp: 1972089

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	7.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.22 min Scan# 3903
Delta R.T. -0.08 min
Lab File: BG031938.D
Acq: 5 Jan 2018 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 472522

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	21.6	17.7	26.5