Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031833.D
Acq On : 28 Dec 2017 20:04
Operator : SJ/JU
Sample : I7082-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 29 06:28:43 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	54088	20.00	ng		-0.04
21) Naphthalene-d8	11.69	136	211927	20.00	ng		-0.04
38) Acenaphthene-d10	15.43	164	141736	20.00	ng		-0.04
63) Phenanthrene-d10	18.16	188	363776	20.00	ng		-0.04
75) Chrysene-d12	22.51	240	433988	20.00	ng		-0.06
86) Perylene-d12	26.26	264	460237	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	410738	138.31	ng		-0.02
7) Phenol-d6	7.91	99	470476	122.03	ng		-0.02
23) Nitrobenzene-d5	10.00	82	314361	112.01	ng		-0.04
41) 2,4,6-Tribromophenol	16.90	330	374780	173.29	ng		-0.04
44) 2-Fluorobiphenyl	14.07	172	1113332	98.59	ng		-0.03
78) Terphenyl-d14	20.70	244	1944335	102.36	ng		-0.04
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	10.00	70	41211	15.651	ng	#	69
31) Naphthalene	11.74	128	60898	5.694	ng		96
32) Benzoic acid	10.92	122	54	6.716	ng	#	45
50) 2,6-Dinitrotoluene	15.43	165	18017	7.844	ng	#	23
56) 2,4-Dinitrotoluene	15.43	165	18017	6.100	ng	#	21
64) 4,6-Dinitro-2-methylphenol	16.90	198	784	8.672	ng	#	26
66) 4-Bromophenyl-phenylether	16.90	248	29434	5.595	ng	#	1

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

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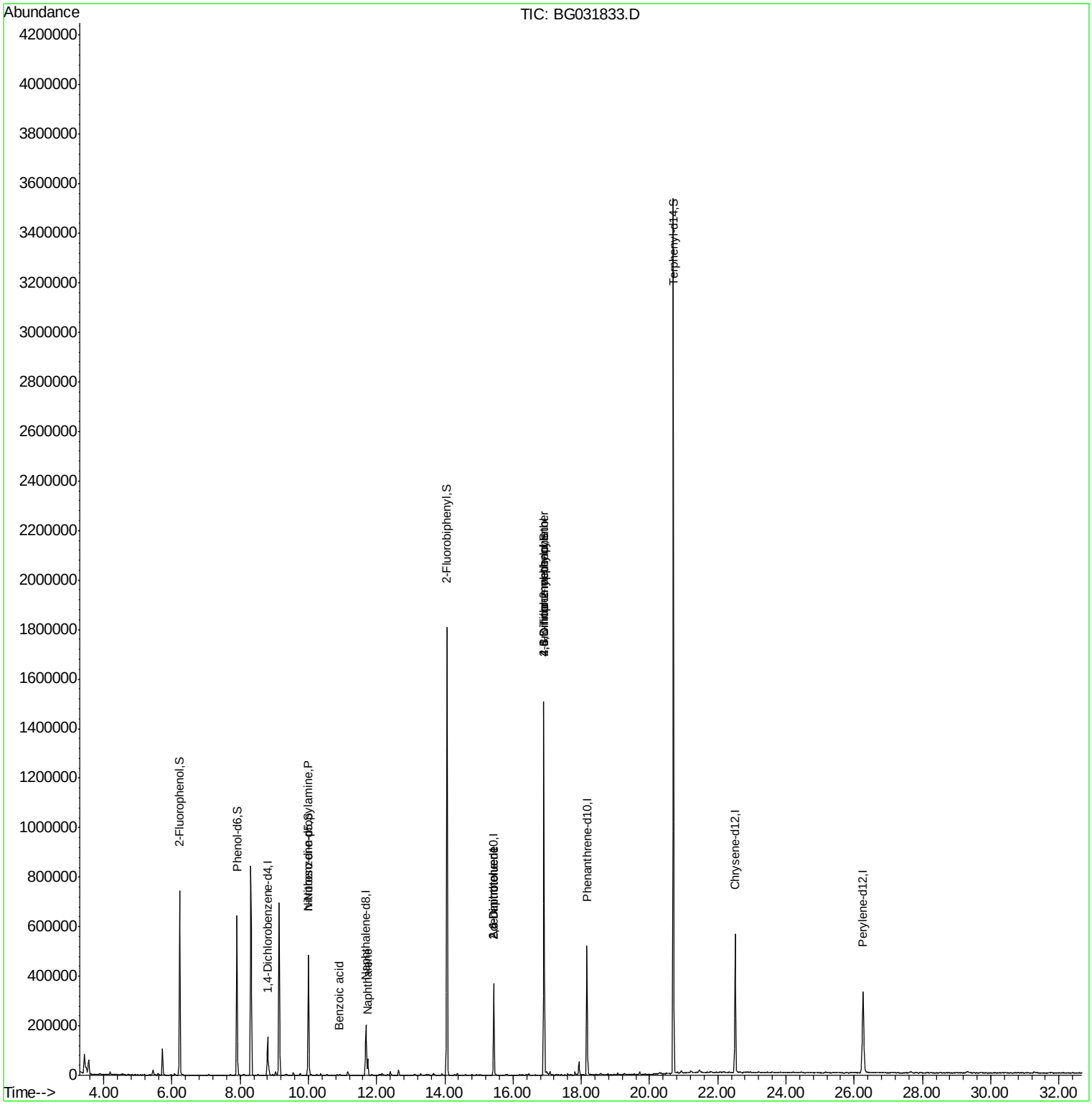
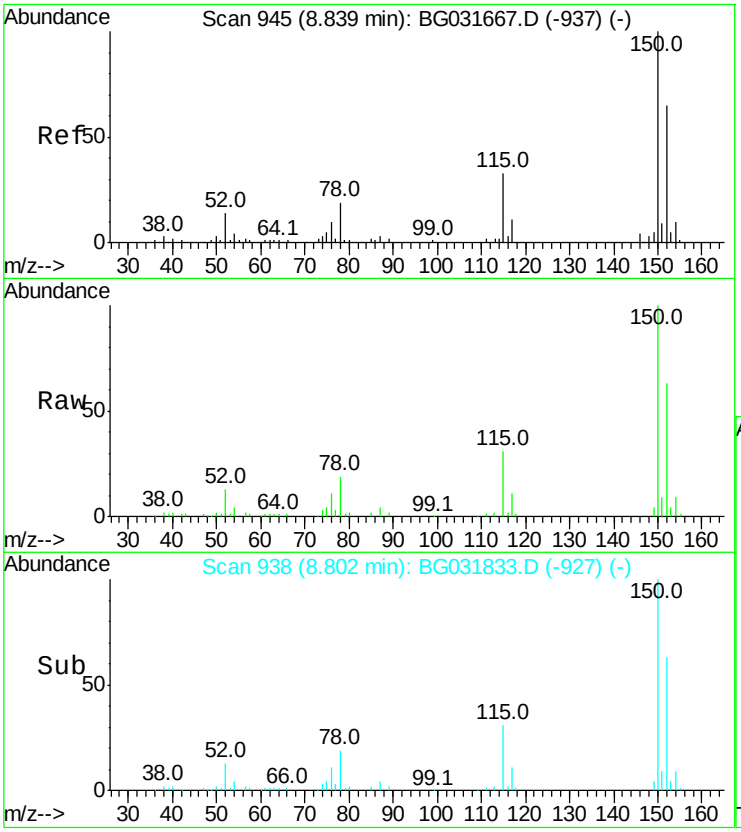


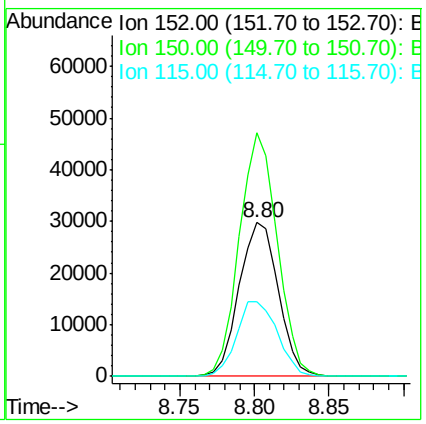


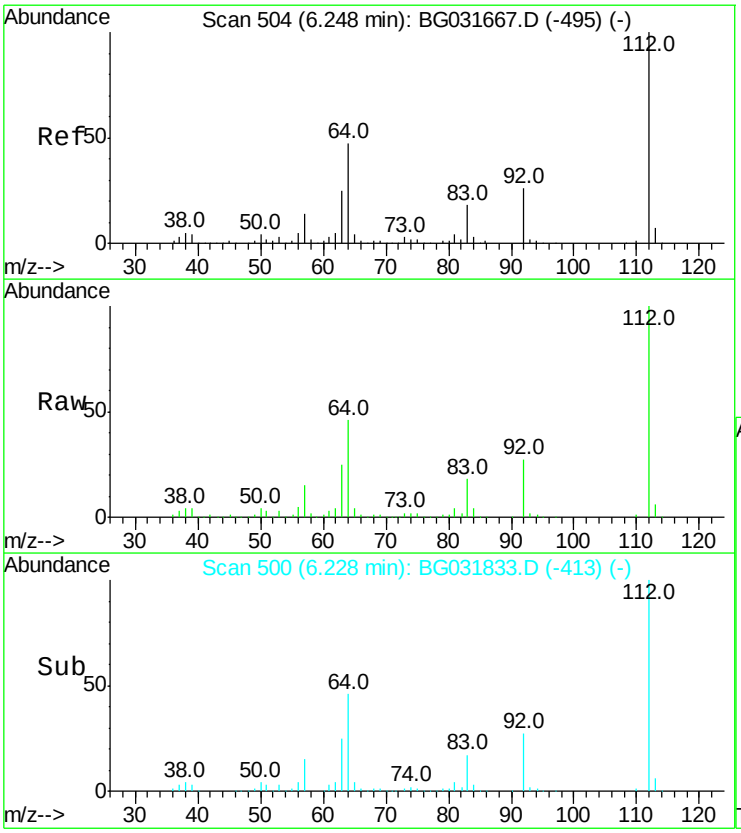
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.04 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 54088

Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.6	189.8
115	48.6	53.0	79.4#

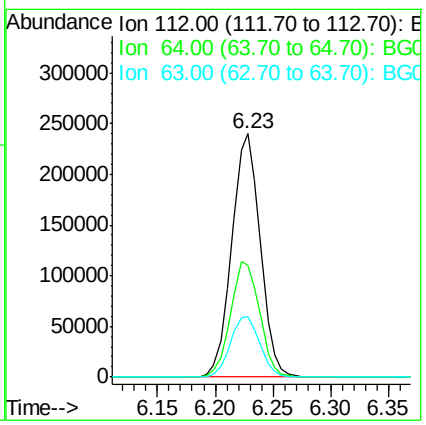


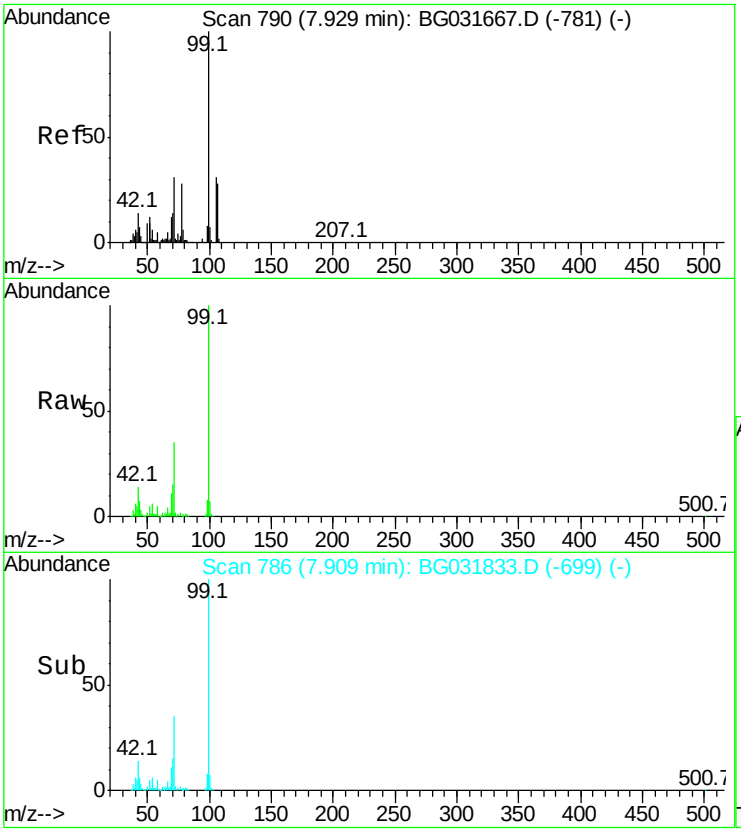


#5
2-Fluorophenol
Concen: 138.314 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Tgt Ion:112 Resp: 410738

Ion	Ratio	Lower	Upper
112	100		
64	46.0	56.3	84.5#
63	25.1	30.1	45.1#



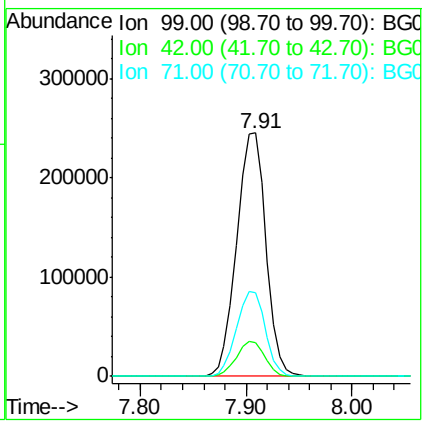


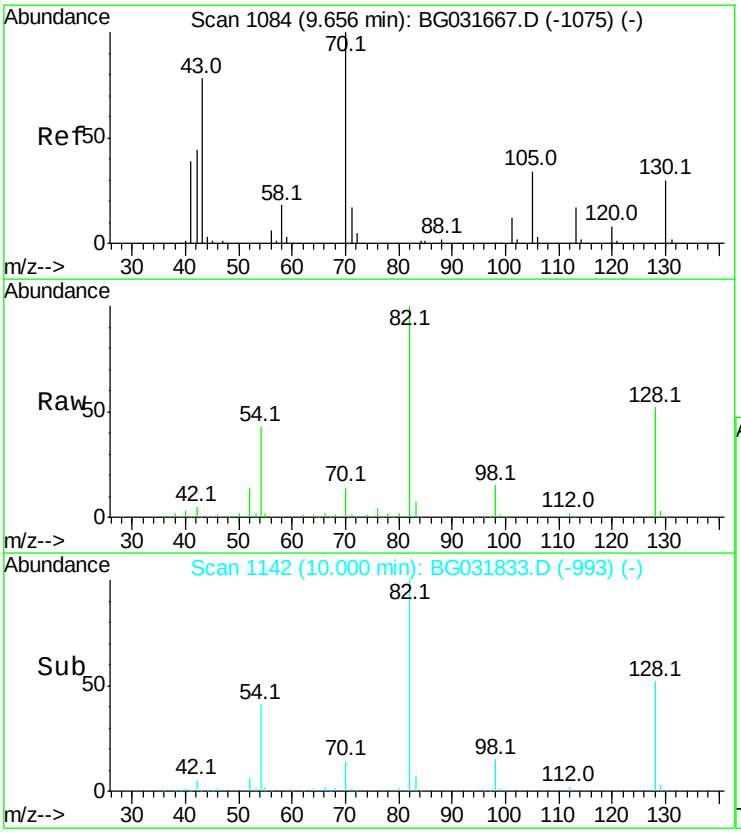
#7
Phenol-d6
Concen: 122.026 ng
RT: 7.91 min Scan# 786
Delta R.T. -0.02 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 470476

Ion	Ratio	Lower	Upper
99	100		
42	13.8	14.1	21.1#
71	34.6	26.1	39.1

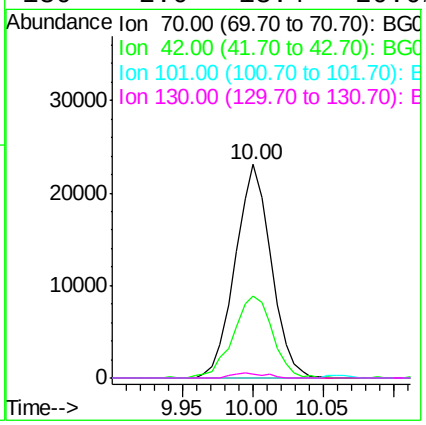


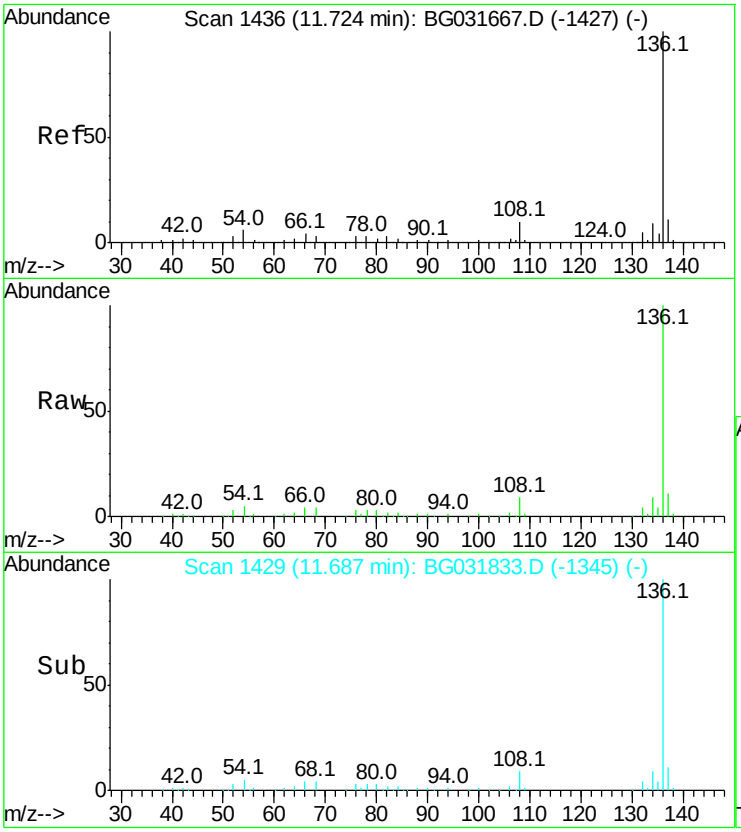


#19
n-Nitroso-di-n-propylamine
Concen: 15.651 ng
RT: 10.00 min Scan# 1142
Delta R.T. 0.34 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Tgt Ion: 70 Resp: 41211

Ion	Ratio	Lower	Upper
70	100		
42	38.3	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#



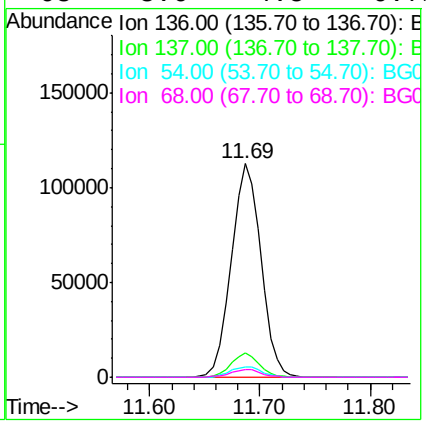


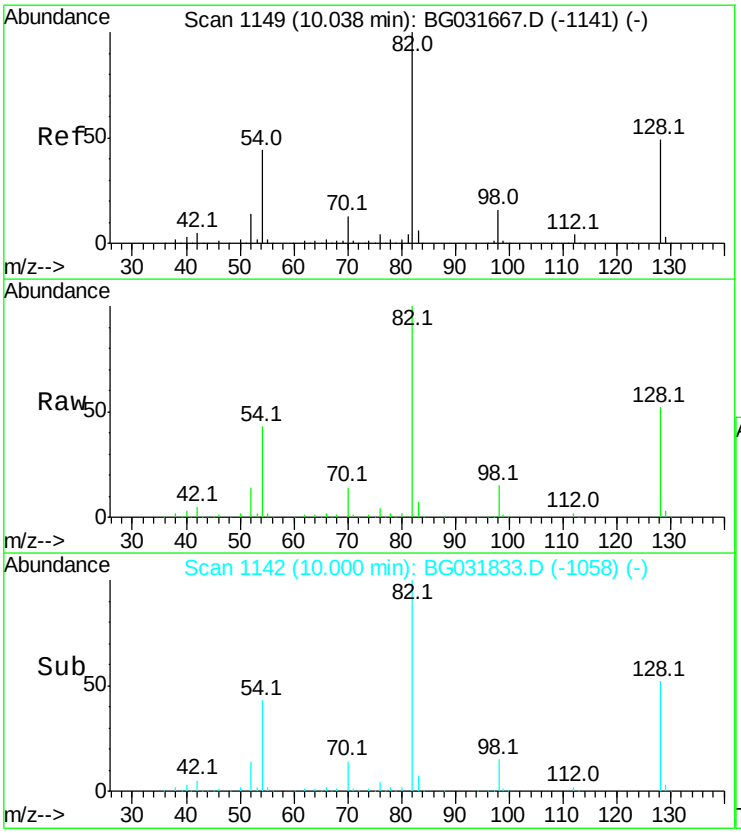
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1429
Delta R.T. -0.04 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 211927

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	4.7	10.3	15.5#
68	3.6	4.5	6.7#

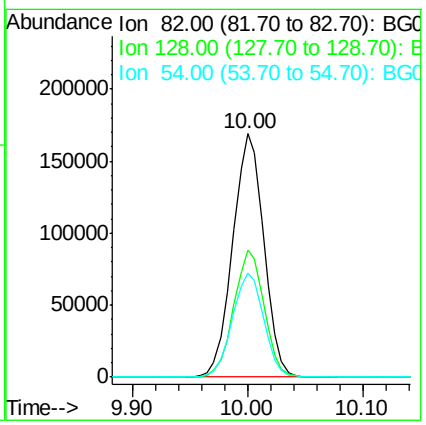


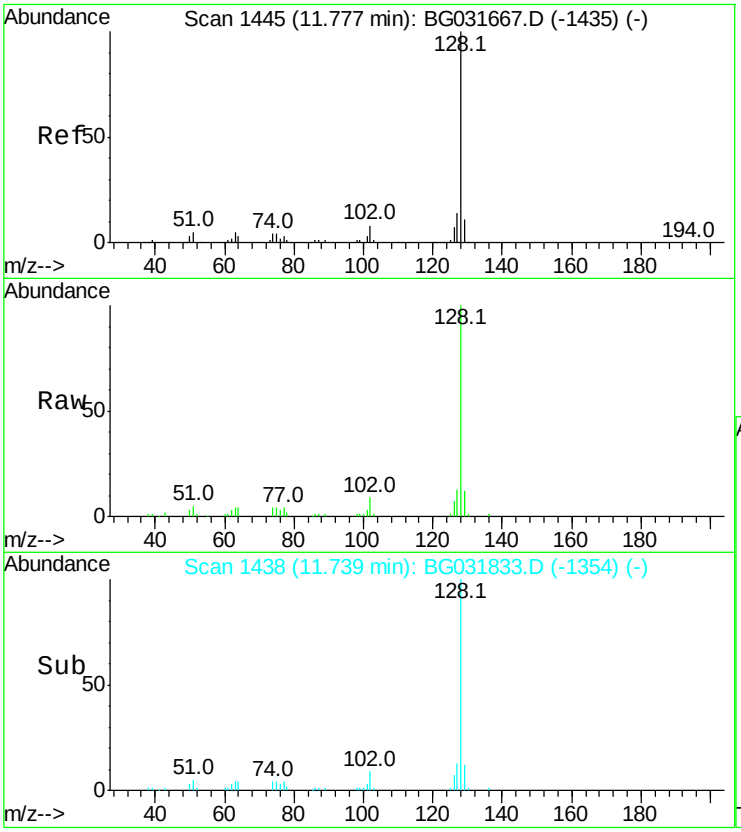


#23
Nitrobenzene-d5
Concen: 112.011 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Tgt Ion: 82 Resp: 314361

Ion	Ratio	Lower	Upper
82	100		
128	52.3	29.7	44.5#
54	42.7	43.1	64.7#



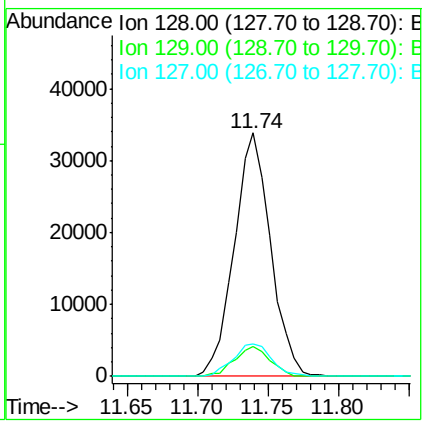


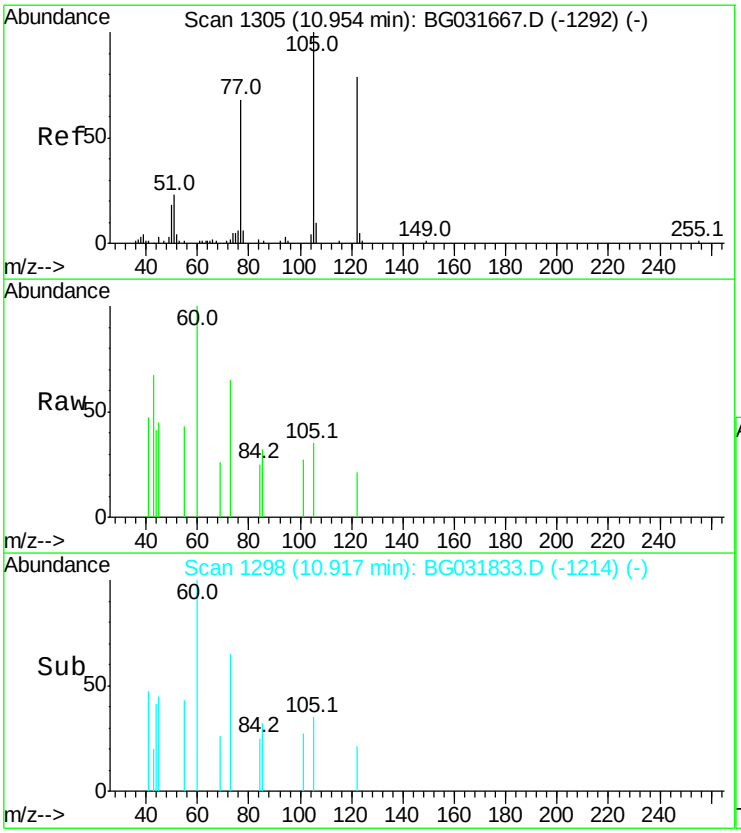
#31
Naphthalene
Concen: 5.694 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.04 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 60898

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.6	12.8
127	13.1	11.6	17.4

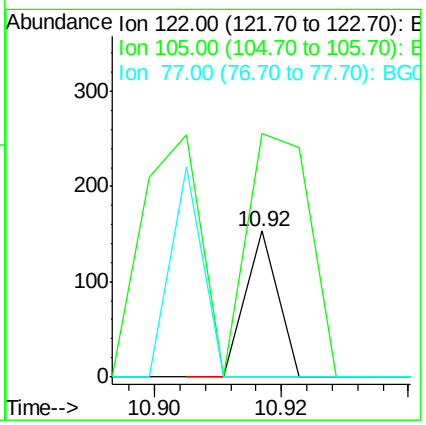


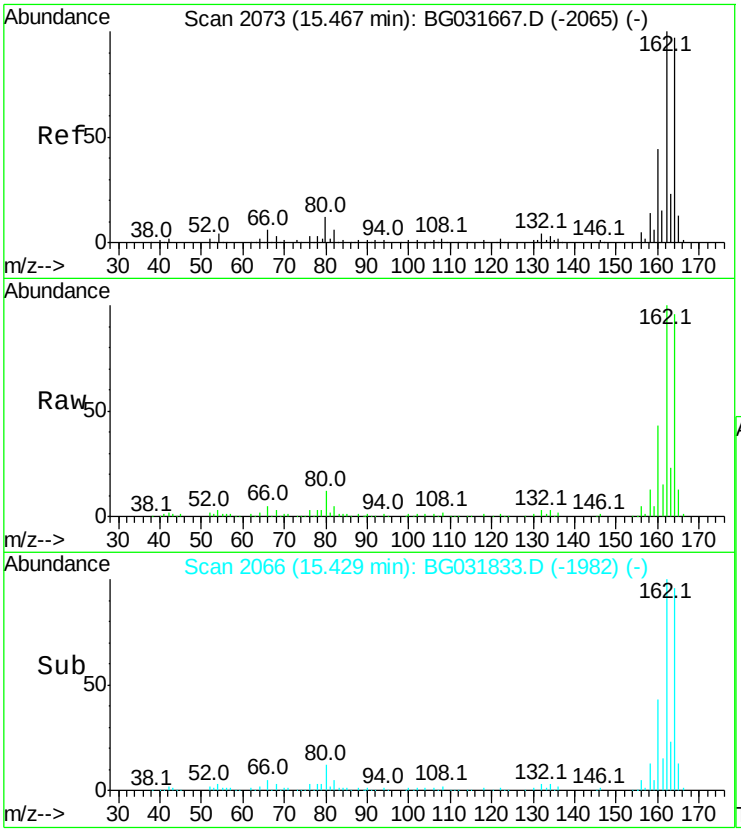


#32
Benzoic acid
Concen: 6.716 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.04 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Tgt Ion:122 Resp: 54

Ion	Ratio	Lower	Upper
122	100		
105	167.3	123.5	163.5#
77	0.0	85.7	125.7#



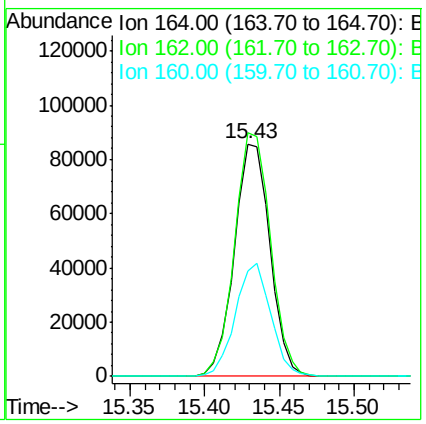


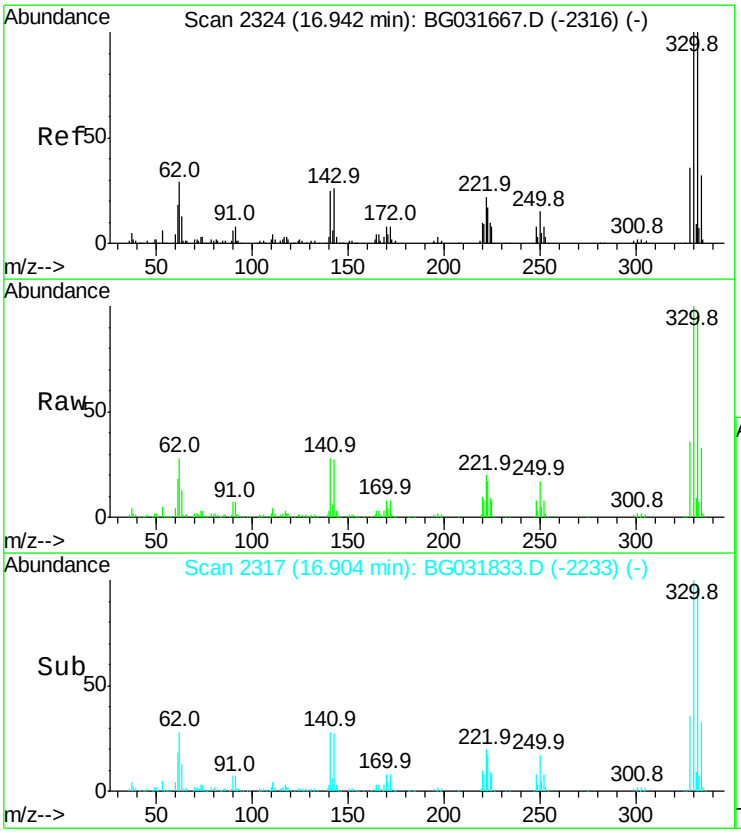
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2066
Delta R.T. -0.04 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 141736

Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.8	118.2
160	45.1	35.4	53.0

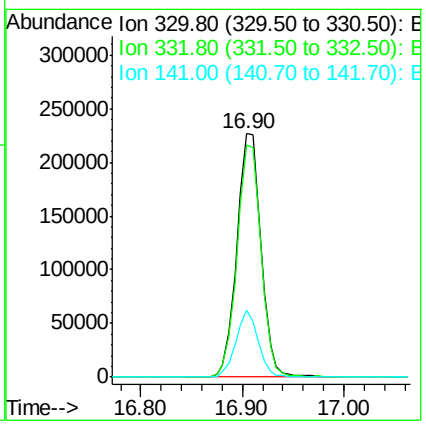


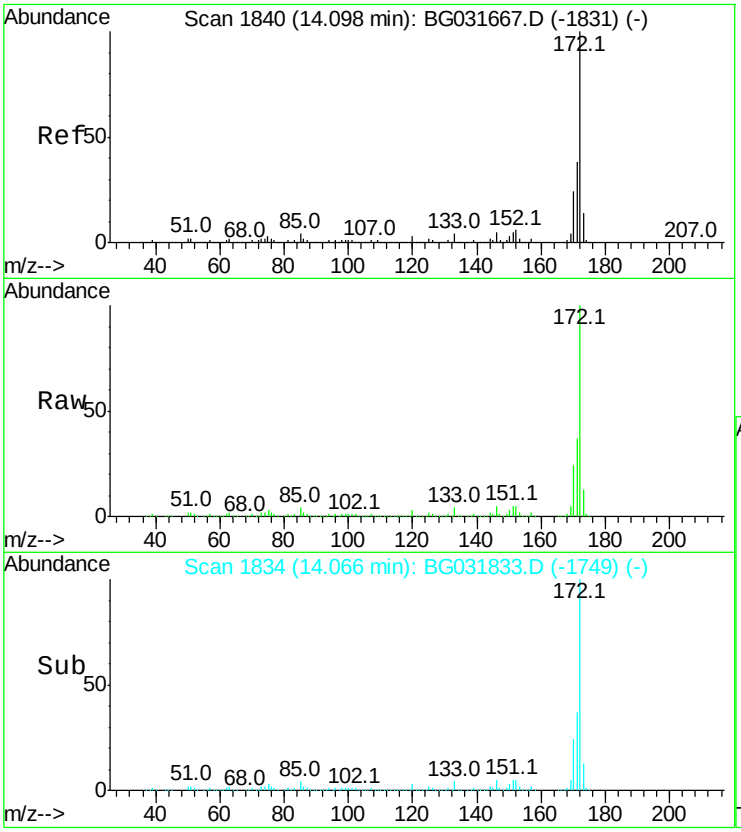


#41
2,4,6-Tribromophenol
Concen: 173.293 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.04 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Tgt Ion:330 Resp: 374780

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	25.4	25.2	37.8



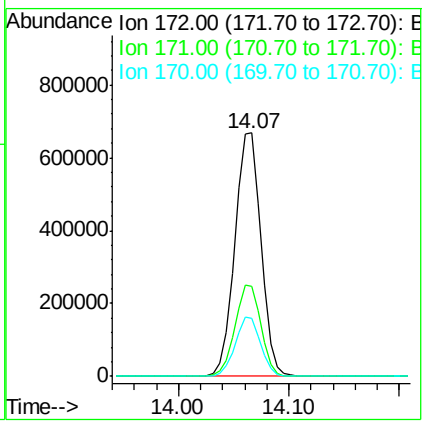


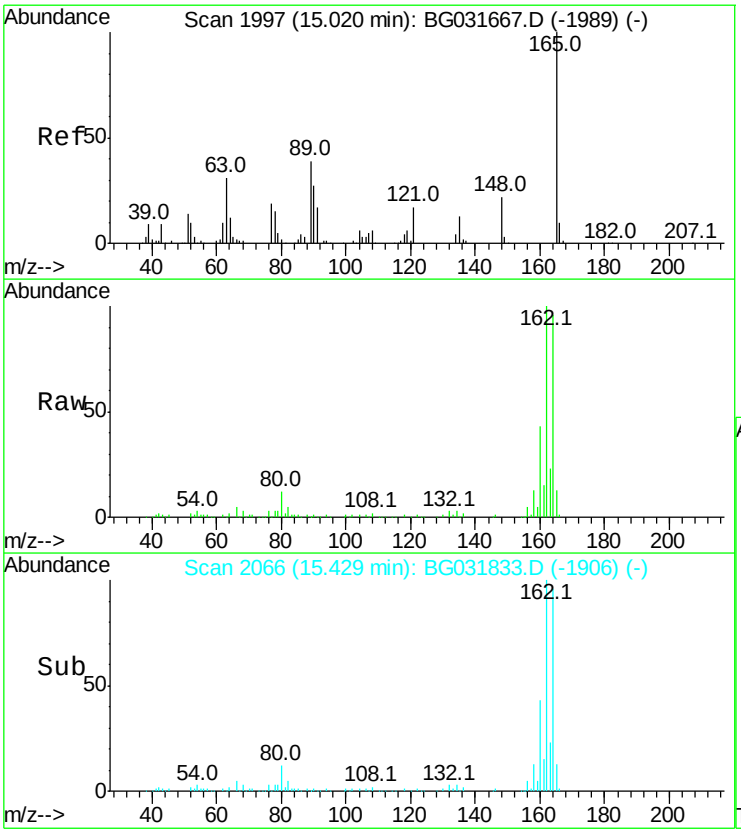
#44
2-Fluorobiphenyl
Concen: 98.590 ng
RT: 14.07 min Scan# 1834
Delta R.T. -0.03 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1113332

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.7	19.5	29.3

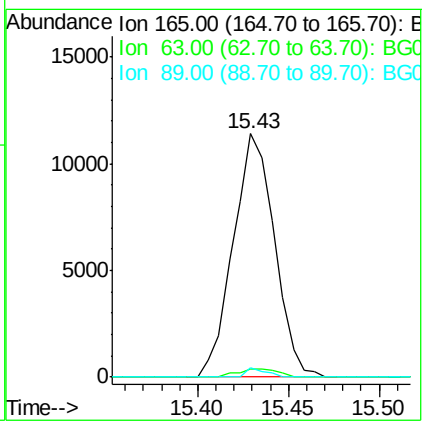


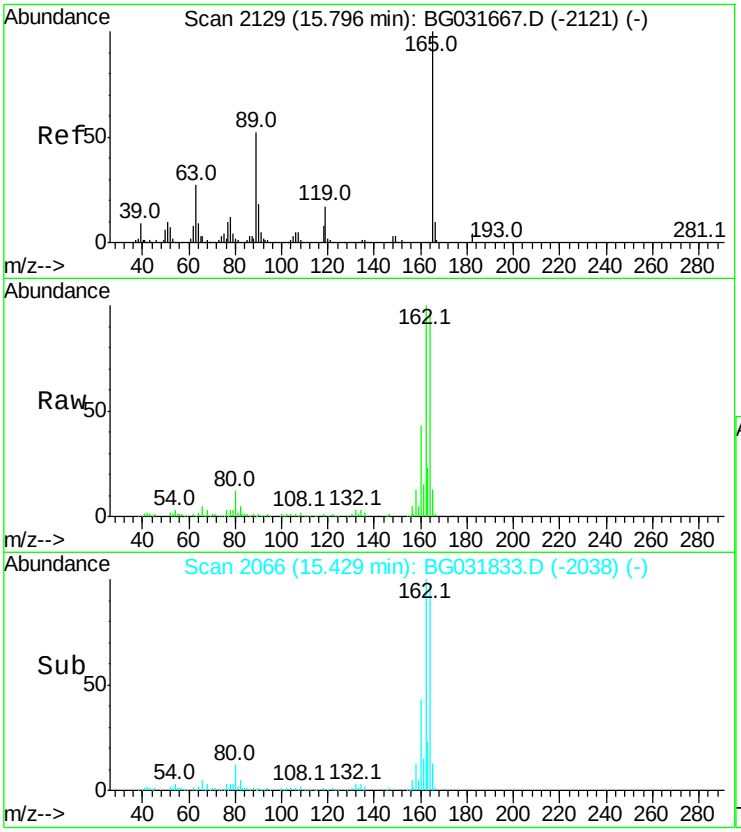


#50
2,6-Dinitrotoluene
Concen: 7.844 ng
RT: 15.43 min Scan# 2066
Delta R.T. 0.41 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Tgt Ion:165 Resp: 18017

Ion	Ratio	Lower	Upper
165	100		
63	3.3	52.7	79.1#
89	4.1	49.2	73.8#



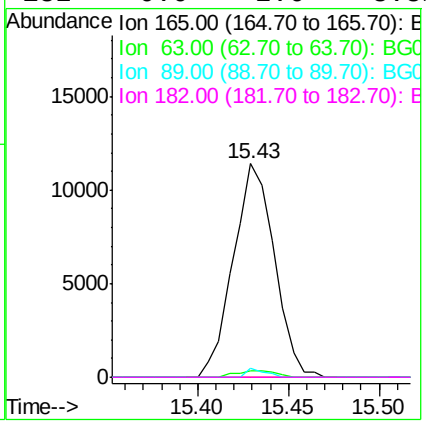


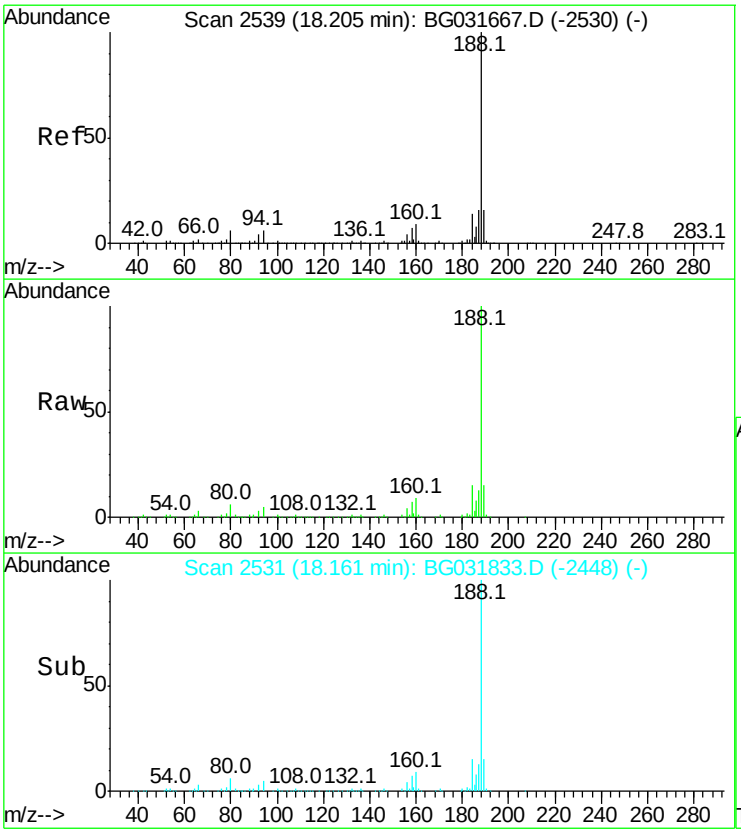
#56
2,4-Dinitrotoluene
Concen: 6.100 ng
RT: 15.43 min Scan# 2066
Delta R.T. -0.37 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18017

Ion	Ratio	Lower	Upper
165	100		
63	3.3	42.0	63.0#
89	4.1	66.9	100.3#
182	0.0	2.6	3.8#

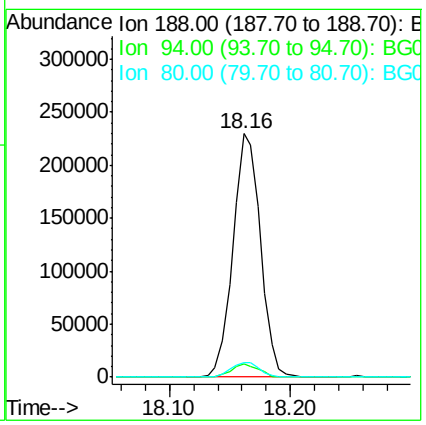


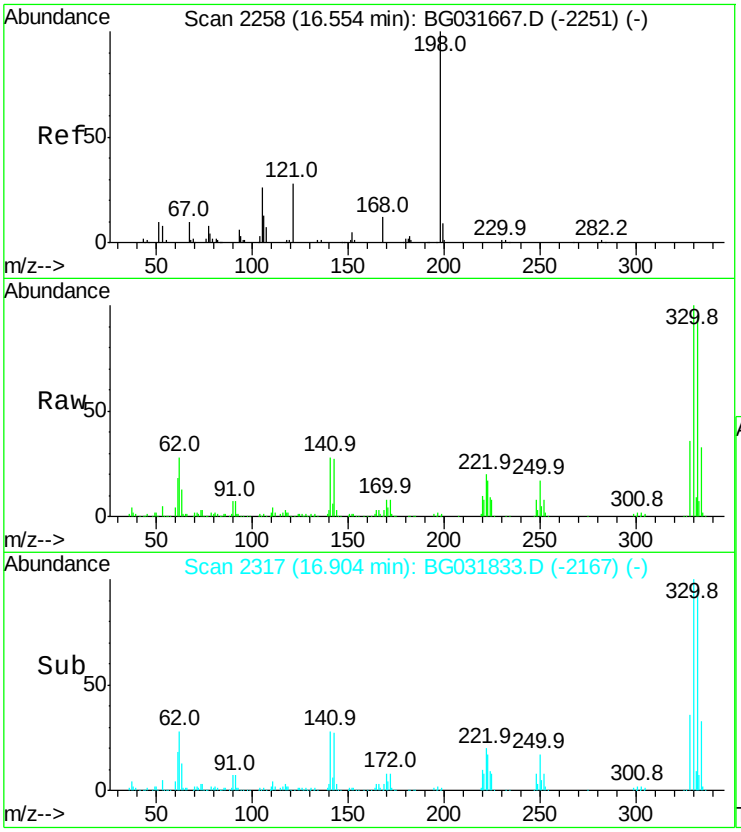


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2531
Delta R.T. -0.04 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Tgt Ion:188 Resp: 363776

Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	6.1	7.7	11.5#



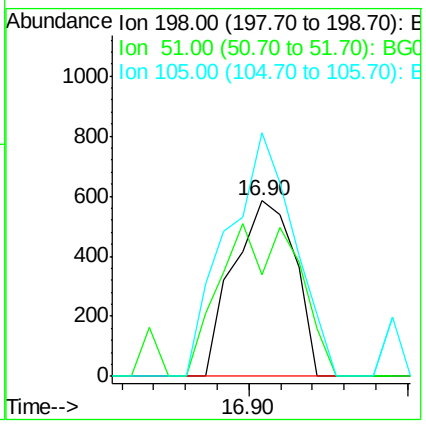


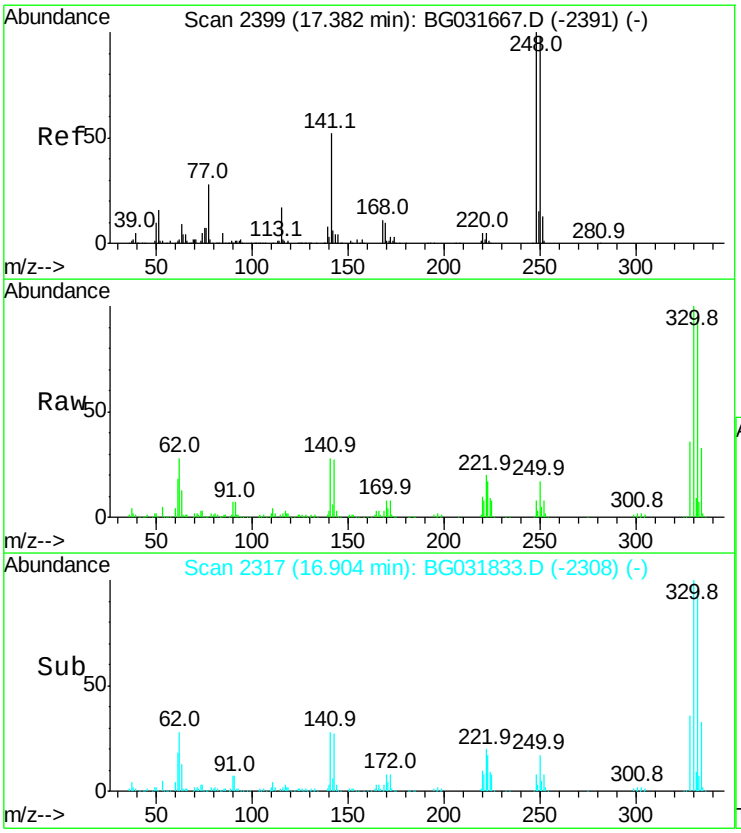
#64
4,6-Dinitro-2-methylphenol
Concen: 8.672 ng
RT: 16.90 min Scan# 2317
Delta R.T. 0.35 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 784

Ion	Ratio	Lower	Upper
198	100		
51	58.2	30.6	70.6
105	138.9	23.8	63.8#

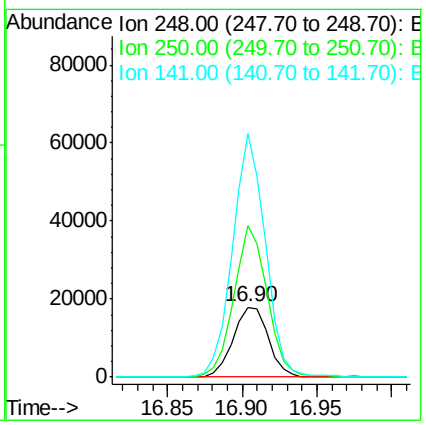


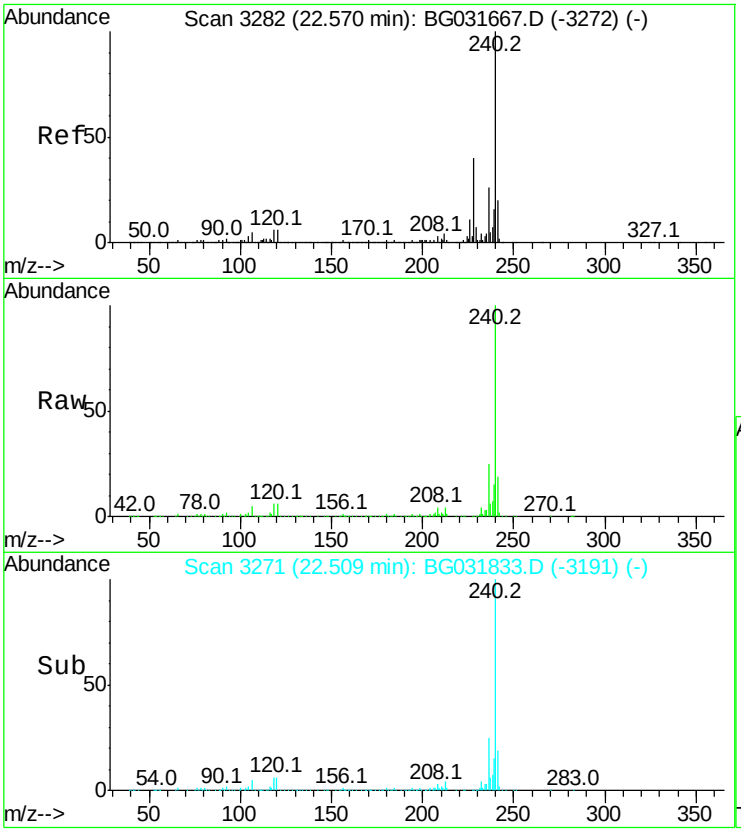


#66
4-Bromophenyl-phenylether
Concen: 5.595 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.48 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Tgt Ion:248 Resp: 29434

Ion	Ratio	Lower	Upper
248	100		
250	216.7	77.1	115.7#
141	348.1	50.8	76.2#



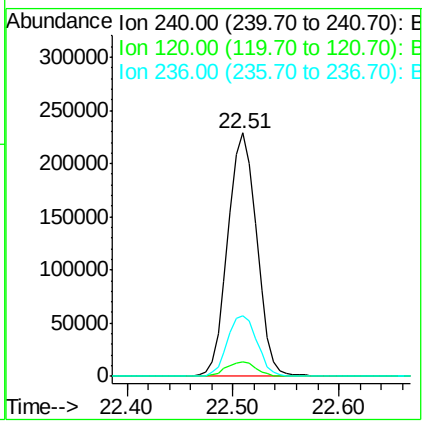


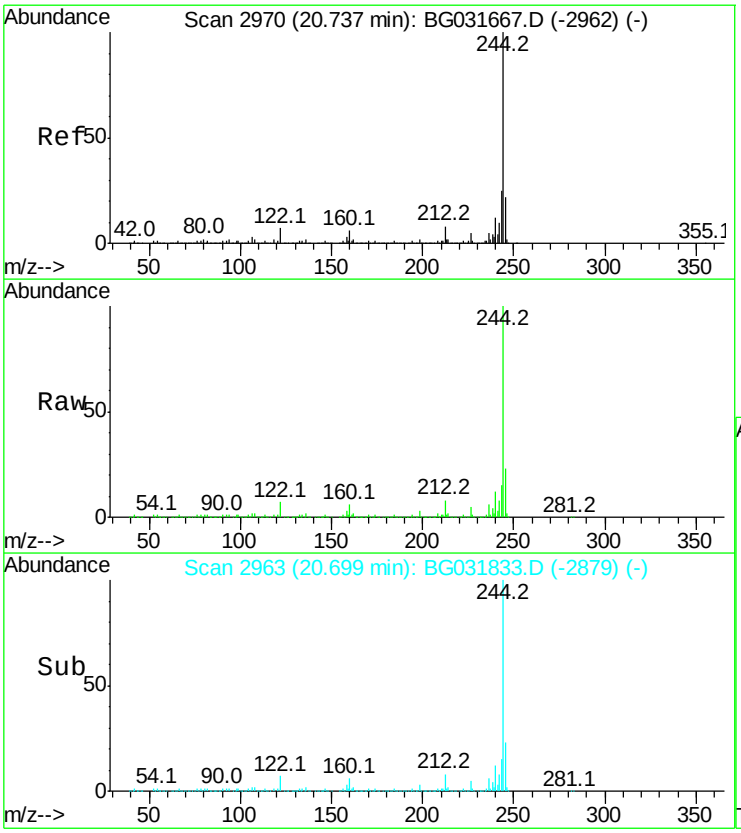
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3271
Delta R.T. -0.06 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 433988

Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	24.8	20.9	31.3

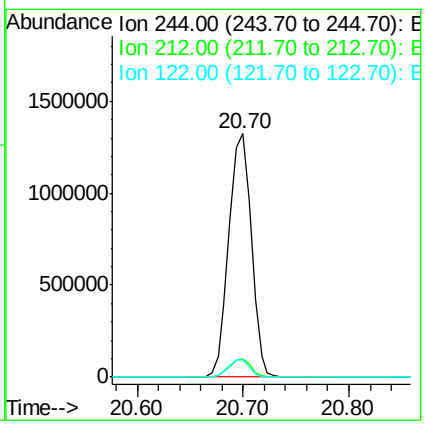


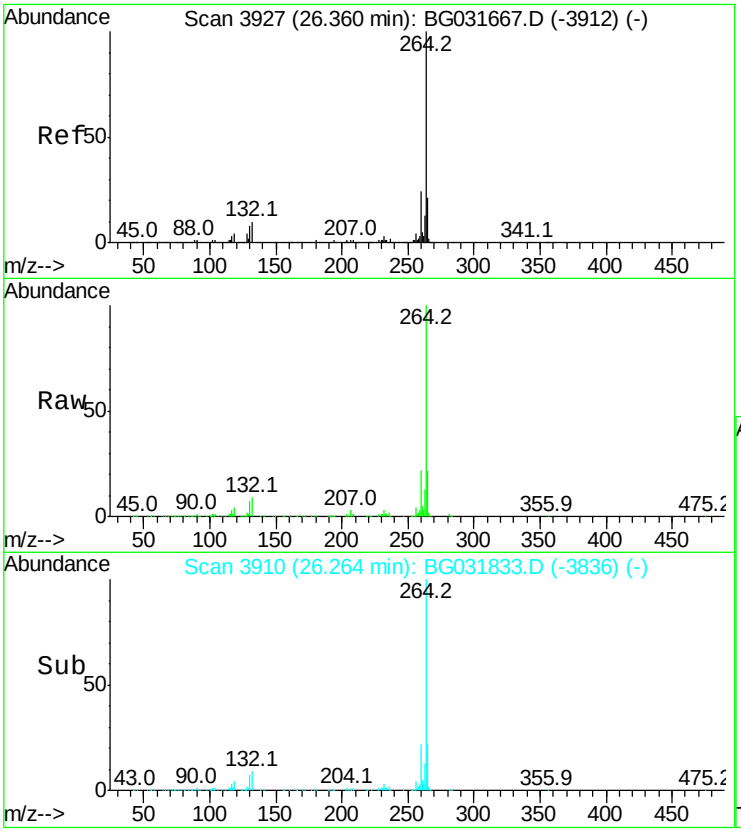


#78
Terphenyl-d14
Concen: 102.356 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.04 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Tgt Ion:244 Resp: 1944335

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	6.9	7.0	10.4#

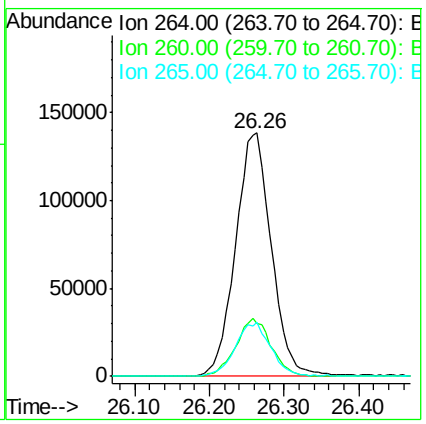




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.26 min Scan# 3910
Delta R.T. -0.10 min
Lab File: BG031833.D
Acq: 28 Dec 2017 20:04

Tgt Ion:264 Resp: 460237

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.4	26.0
265	22.0	17.7	26.5



Instrument :
BNA_G
ClientSampleId :