Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010218\
Data File : BG031877.D
Acq On : 2 Jan 2018 18:40
Operator : SJ/JU
Sample : I6680-28
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 03 00:09:03 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	47518	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	201160	20.00	ng		-0.01
38) Acenaphthene-d10	15.42	164	140651	20.00	ng		-0.01
63) Phenanthrene-d10	18.15	188	406000	20.00	ng		-0.01
75) Chrysene-d12	22.49	240	464008	20.00	ng		-0.02
86) Perylene-d12	26.23	264	480004	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	337748	129.46	ng		0.00
7) Phenol-d6	7.89	99	397975	117.49	ng		0.00
23) Nitrobenzene-d5	9.98	82	265494	99.66	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	355484	165.64	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	965080	86.12	ng		0.00
78) Terphenyl-d14	20.68	244	1941182	95.58	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.98	70	35436	15.319	ng	#	76
31) Naphthalene	11.72	128	31816	3.134	ng		97
32) Benzoic acid	10.83	122	112	6.741	ng	#	29
50) 2,6-Dinitrotoluene	15.42	165	19047	8.356	ng	#	20
56) 2,4-Dinitrotoluene	15.42	165	19047	6.498	ng	#	18
64) 4,6-Dinitro-2-methylphenol	16.89	198	750	8.620	ng	#	1
66) 4-Bromophenyl-phenylether	16.89	248	28971	4.935	ng	#	1

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

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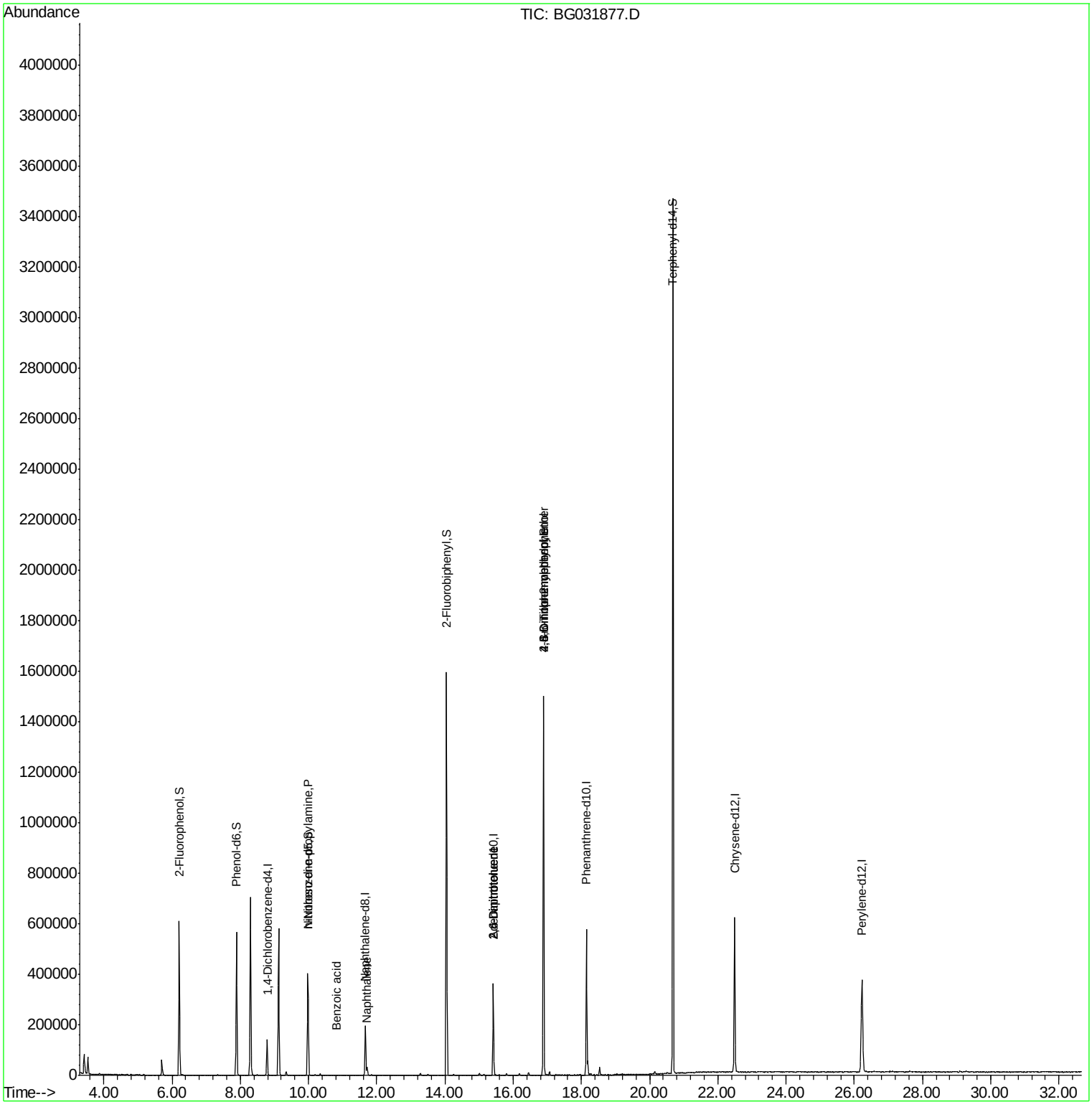
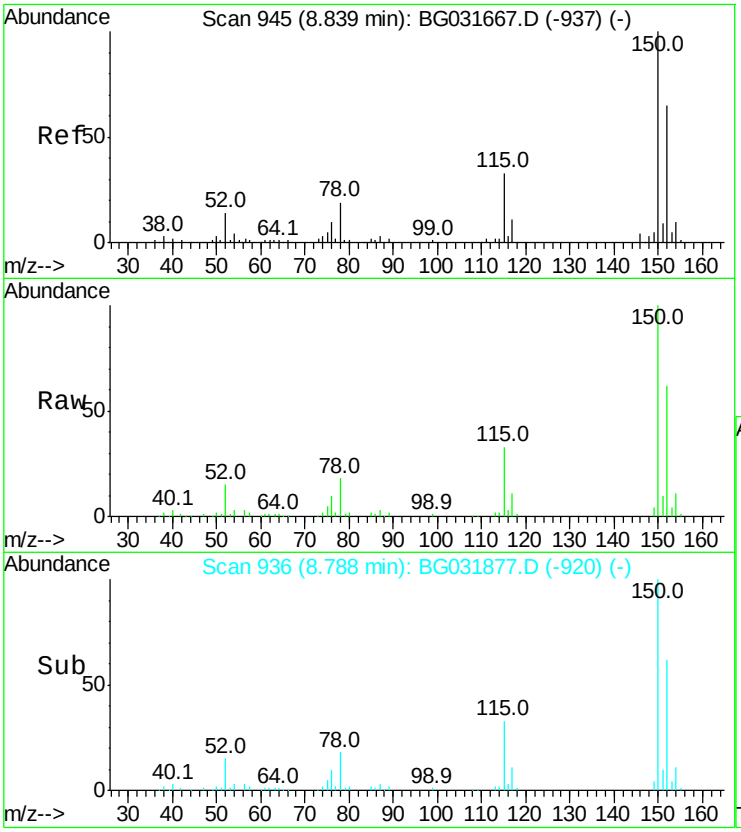


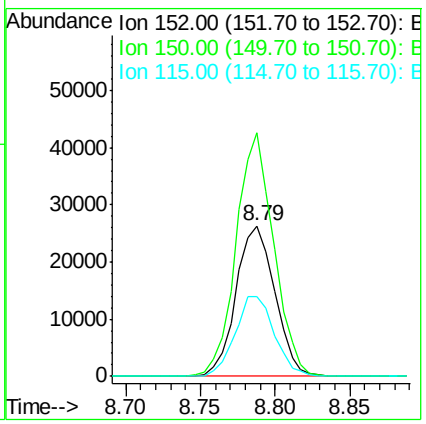


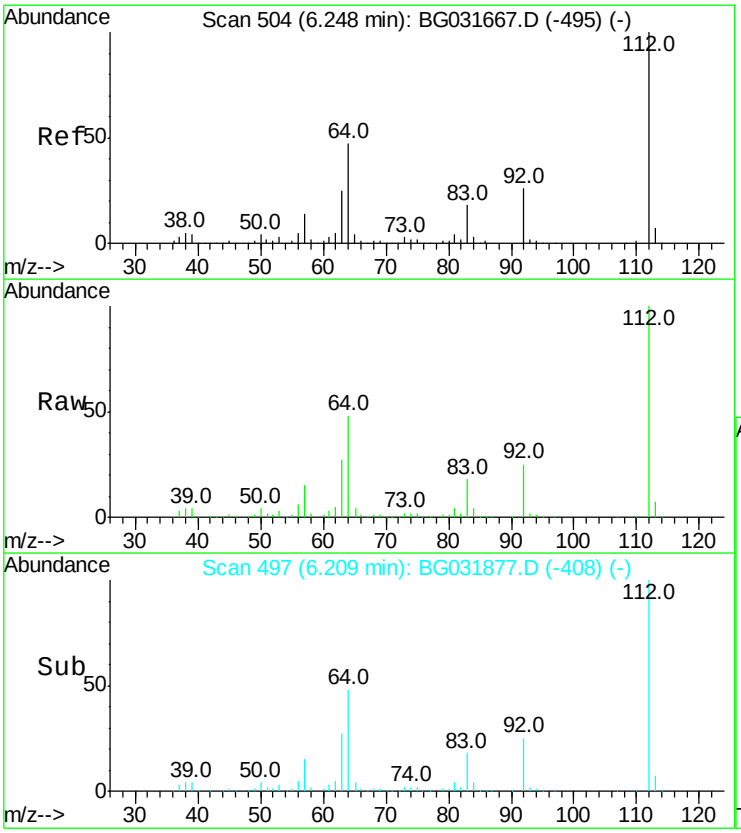
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.00 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 47518

Ion	Ratio	Lower	Upper
152	100		
150	161.7	126.6	189.8
115	52.9	53.0	79.4#

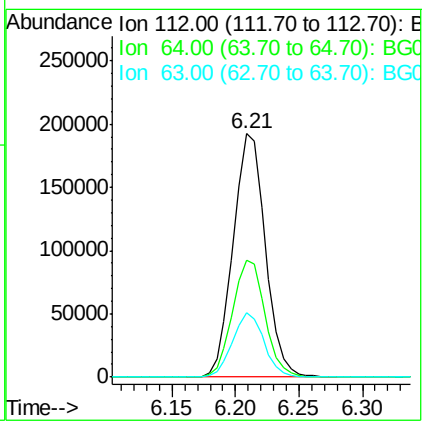


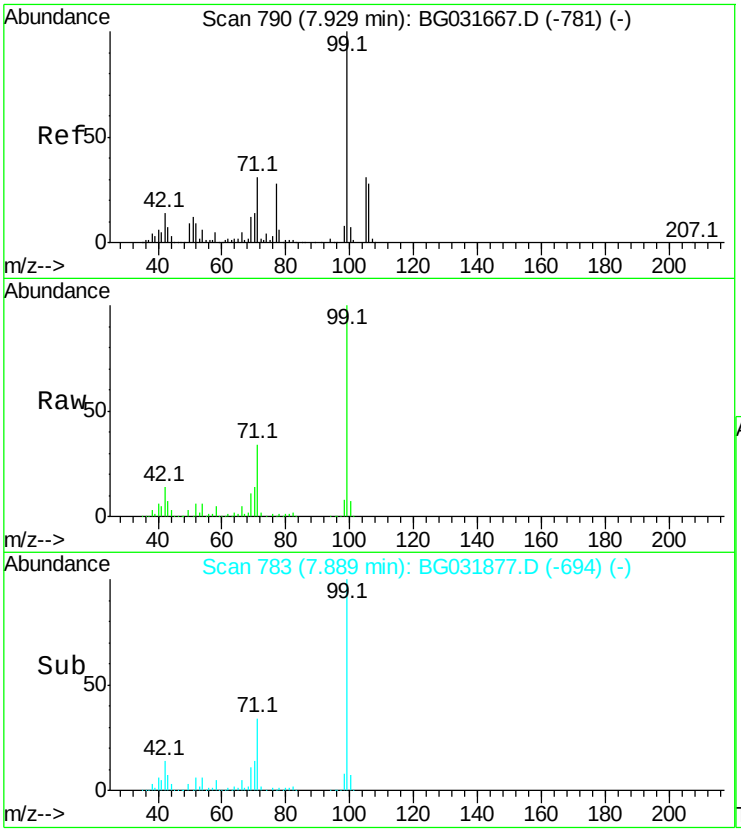


#5
2-Fluorophenol
Concen: 129.460 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Tgt Ion:112 Resp: 337748

Ion	Ratio	Lower	Upper
112	100		
64	48.2	56.3	84.5#
63	26.6	30.1	45.1#



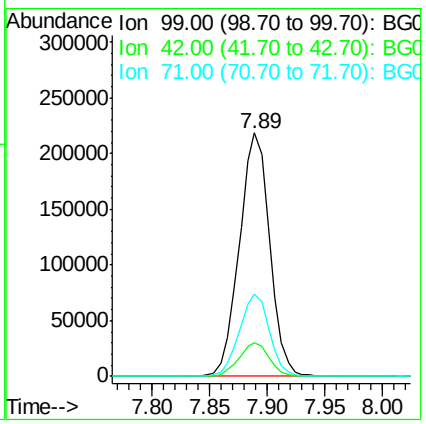


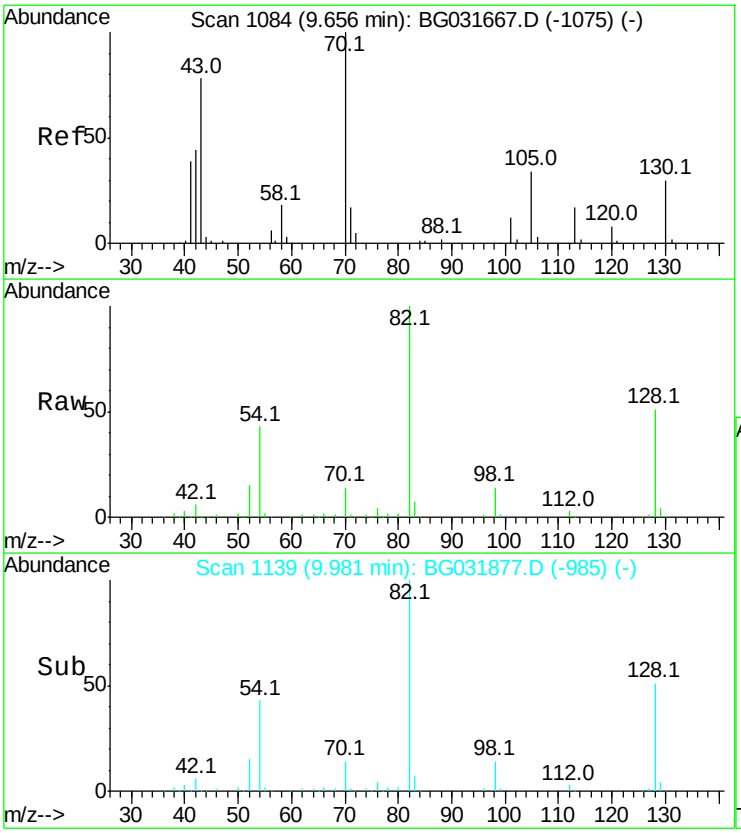
#7
Phenol-d6
Concen: 117.494 ng
RT: 7.89 min Scan# 783
Delta R.T. -0.00 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 397975

Ion	Ratio	Lower	Upper
99	100		
42	13.8	14.1	21.1#
71	33.9	26.1	39.1

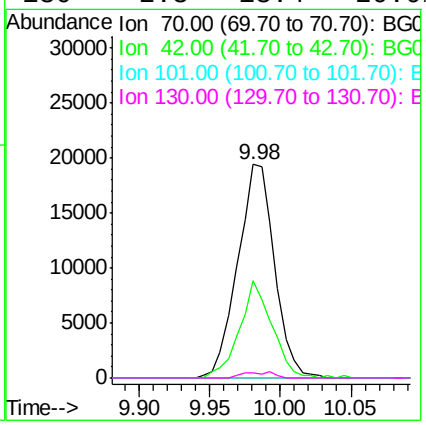


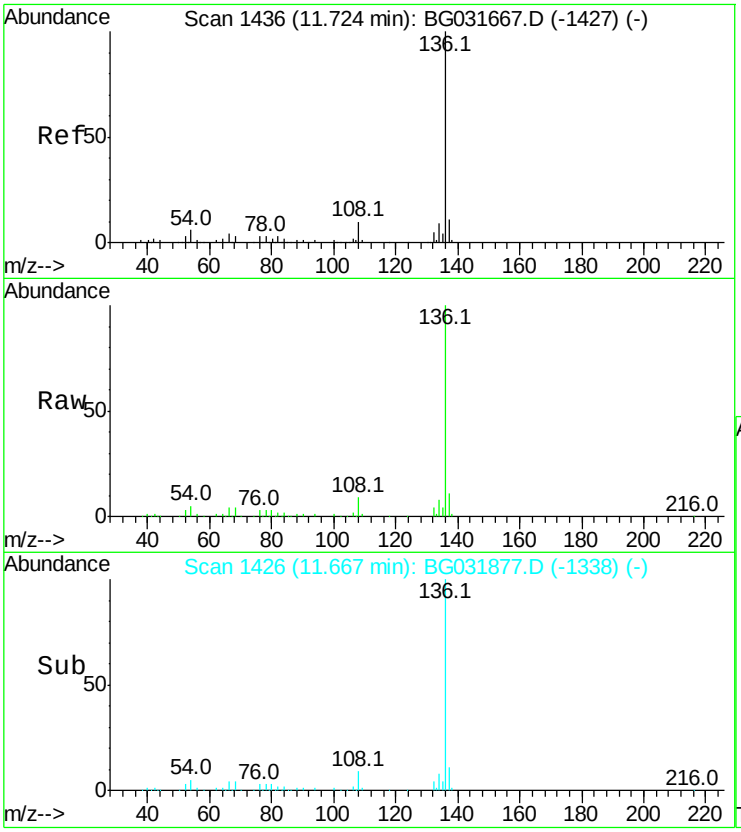


#19
n-Nitroso-di-n-propylamine
Concen: 15.319 ng
RT: 9.98 min Scan# 1139
Delta R.T. 0.38 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Tgt Ion: 70 Resp: 35436

Ion	Ratio	Lower	Upper
70	100		
42	45.5	49.1	73.7#
101	0.0	8.5	12.7#
130	2.3	13.4	20.0#



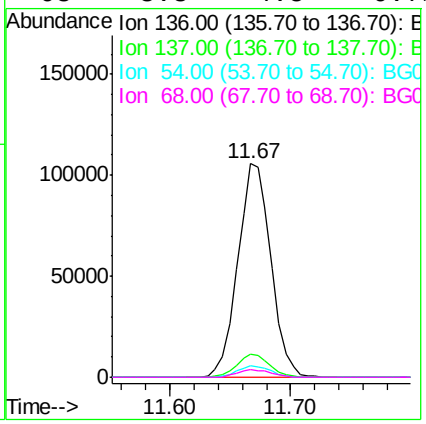


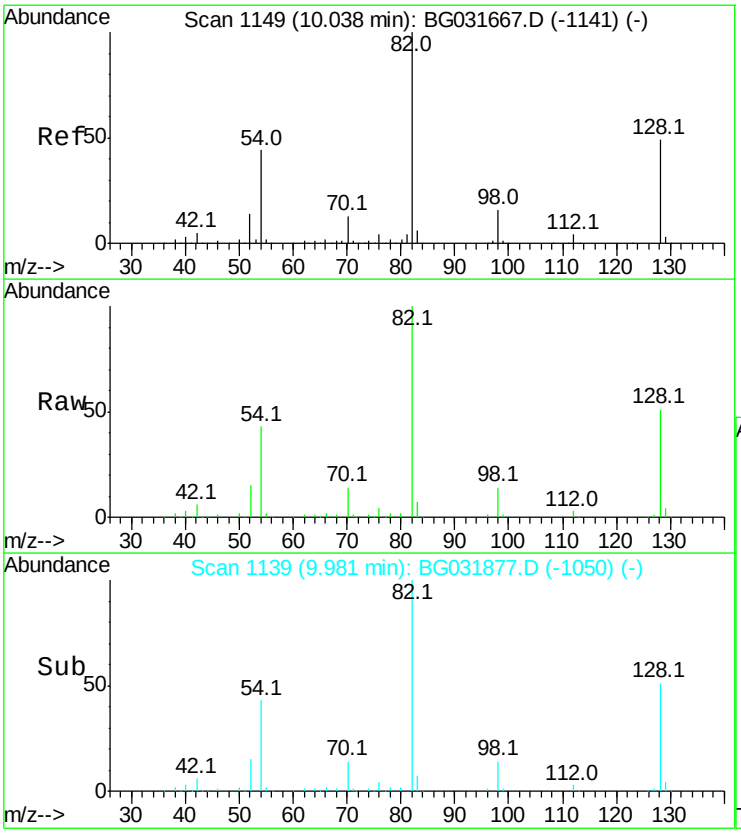
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 201160

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	5.1	10.3	15.5#
68	3.8	4.5	6.7#

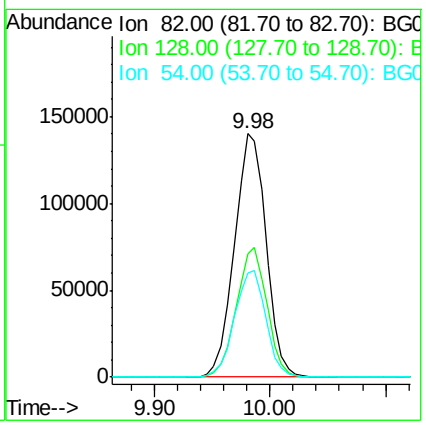


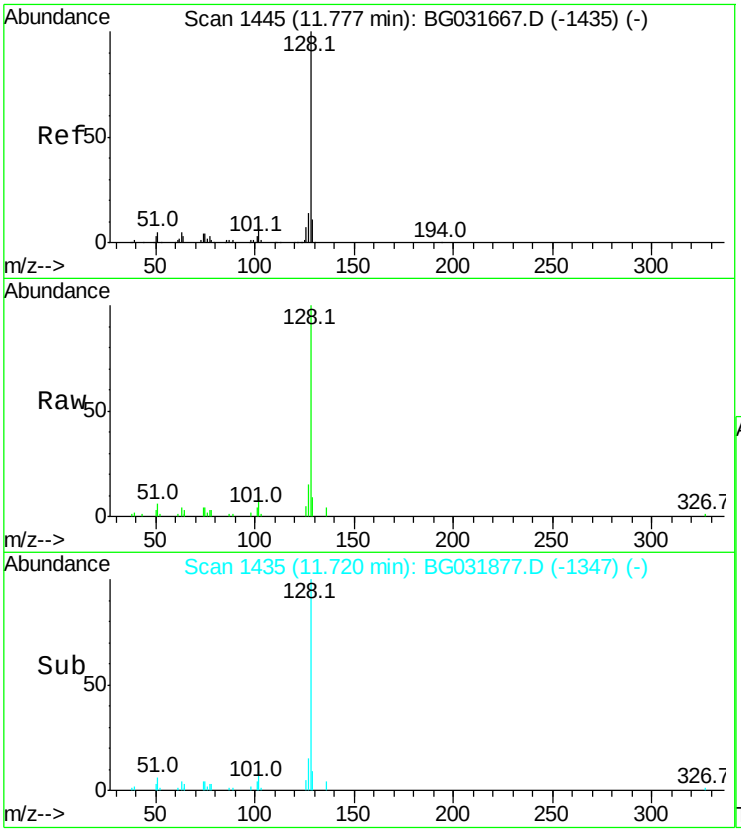


#23
Nitrobenzene-d5
Concen: 99.662 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Tgt Ion: 82 Resp: 265494

Ion	Ratio	Lower	Upper
82	100		
128	50.9	29.7	44.5#
54	42.6	43.1	64.7#



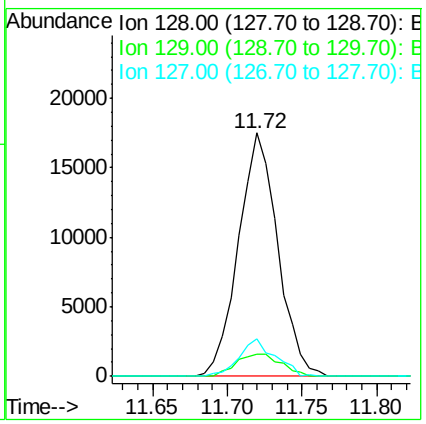


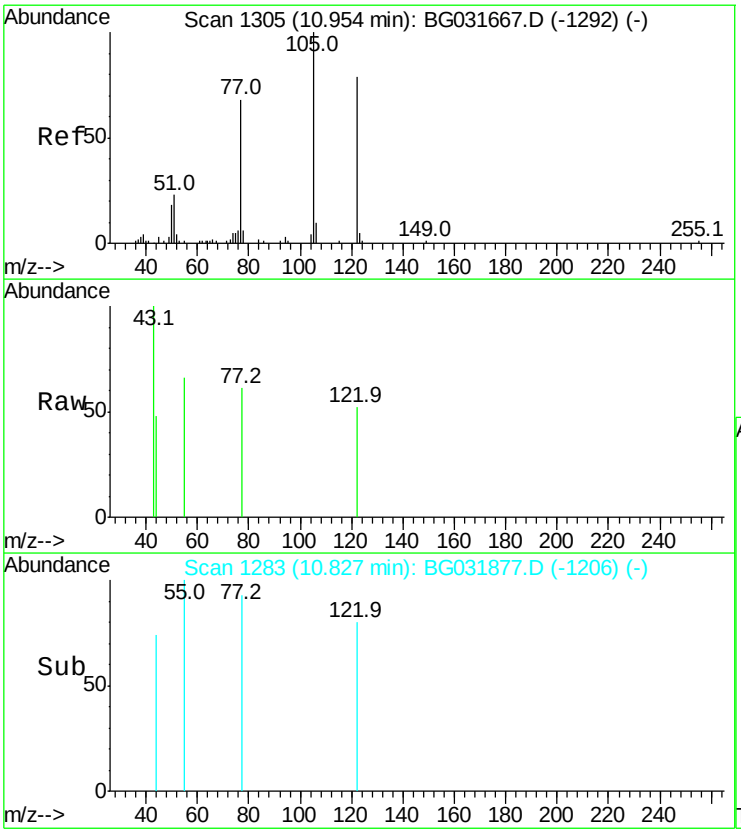
#31
Naphthalene
Concen: 3.134 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 31816

Ion	Ratio	Lower	Upper
128	100		
129	9.2	8.6	12.8
127	15.4	11.6	17.4

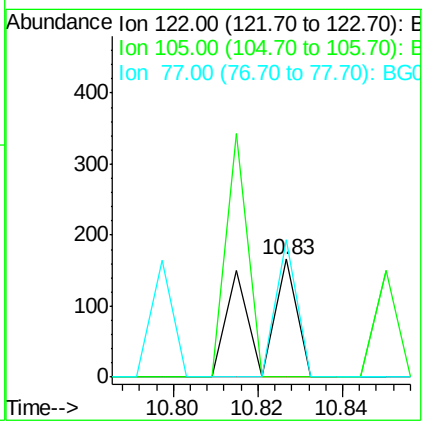


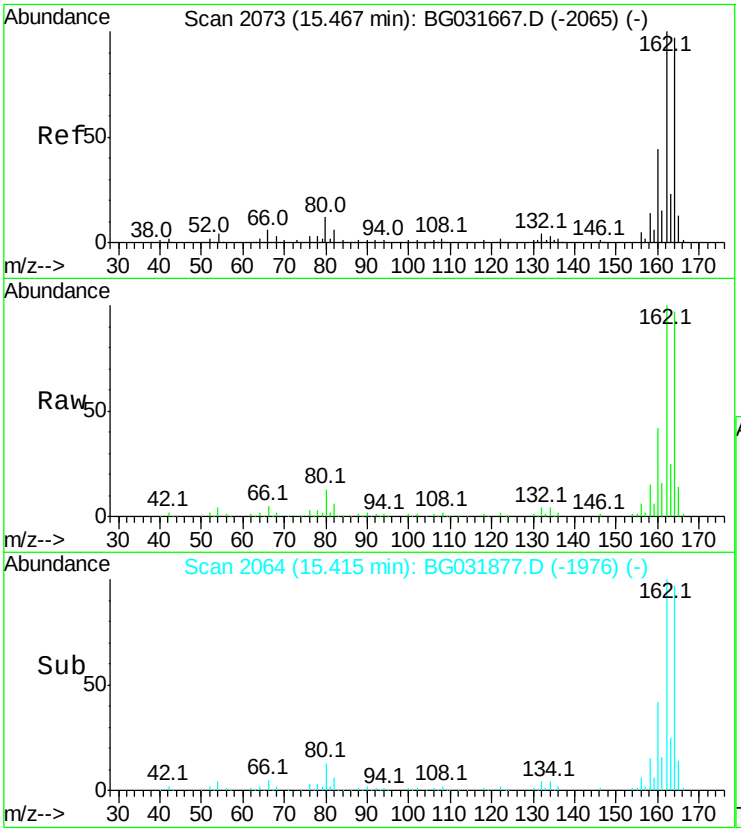


#32
Benzoic acid
Concen: 6.741 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.08 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Tgt Ion:122 Resp: 112

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	116.9	85.7	125.7



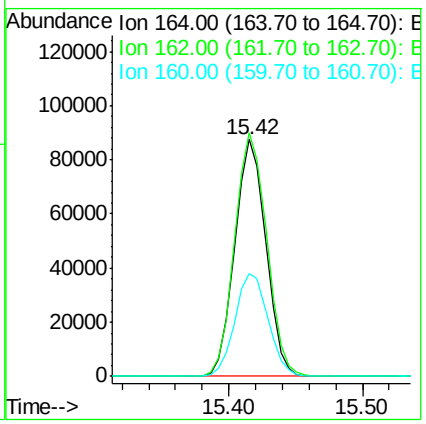


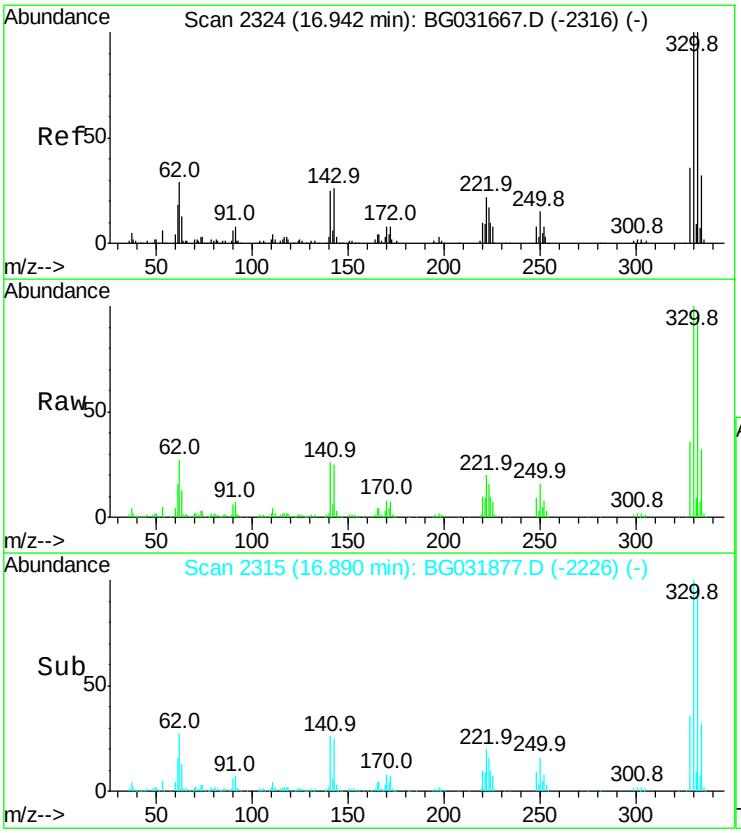
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.42 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 140651

Ion	Ratio	Lower	Upper
164	100		
162	102.9	78.8	118.2
160	43.6	35.4	53.0

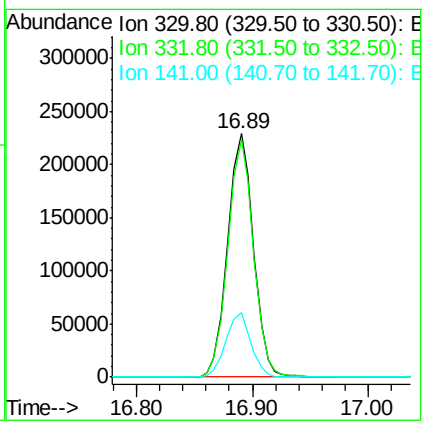


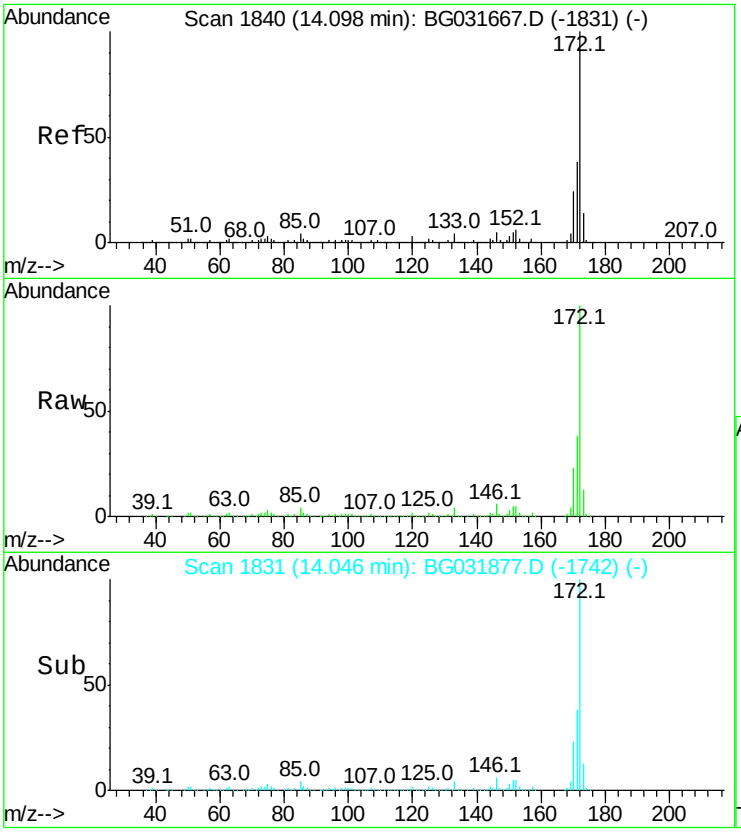


#41
2,4,6-Tribromophenol
Concen: 165.639 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Tgt Ion:330 Resp: 355484

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	25.9	25.2	37.8



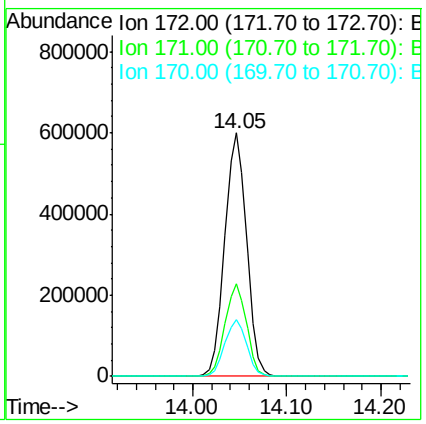


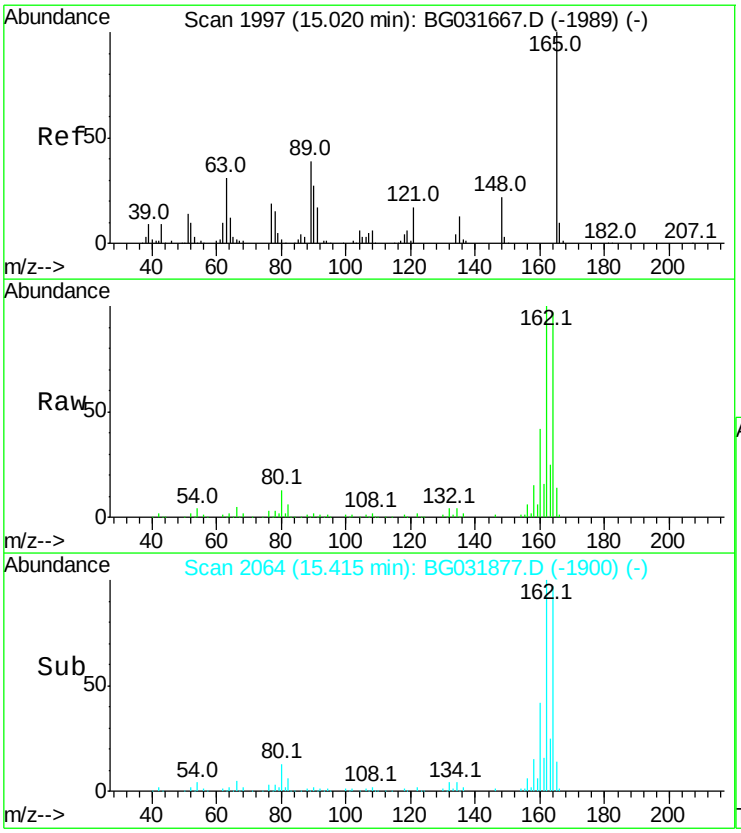
#44
2-Fluorobiphenyl
Concen: 86.121 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 965080

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	23.1	19.5	29.3

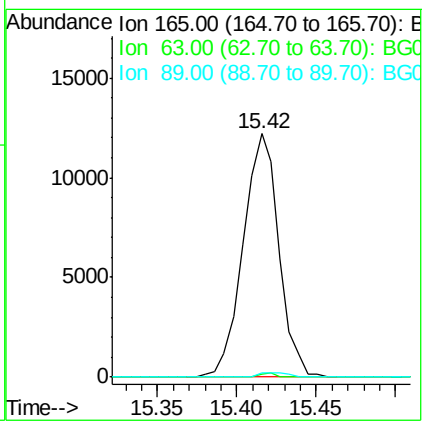


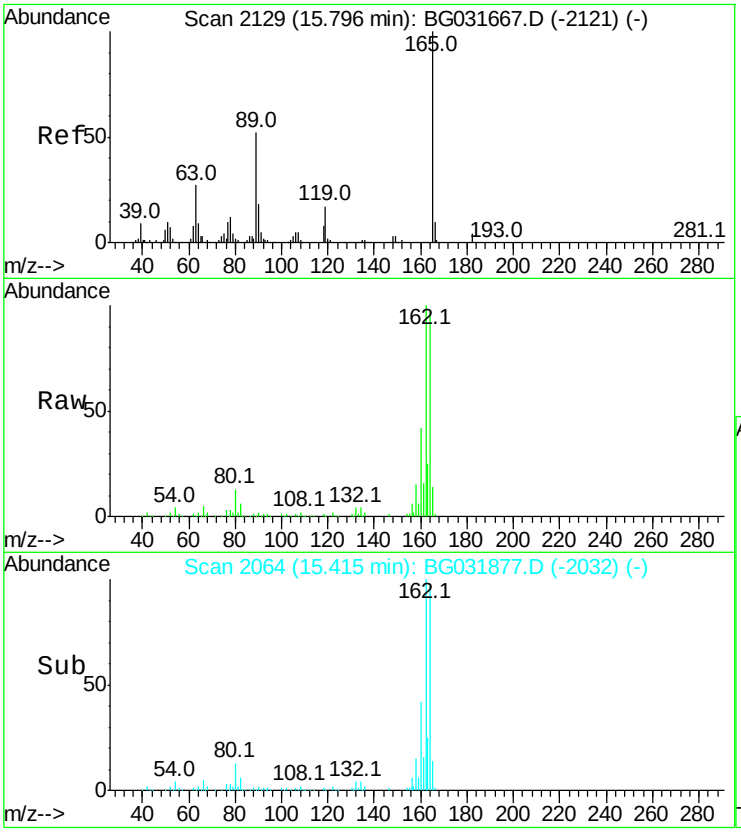


#50
2,6-Dinitrotoluene
Concen: 8.356 ng
RT: 15.42 min Scan# 2064
Delta R.T. 0.44 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Tgt Ion:165 Resp: 19047

Ion	Ratio	Lower	Upper
165	100		
63	1.3	52.7	79.1#
89	1.8	49.2	73.8#



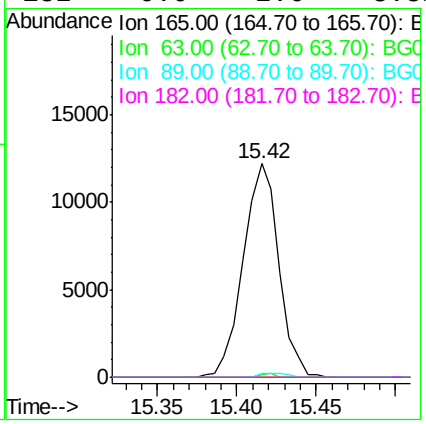


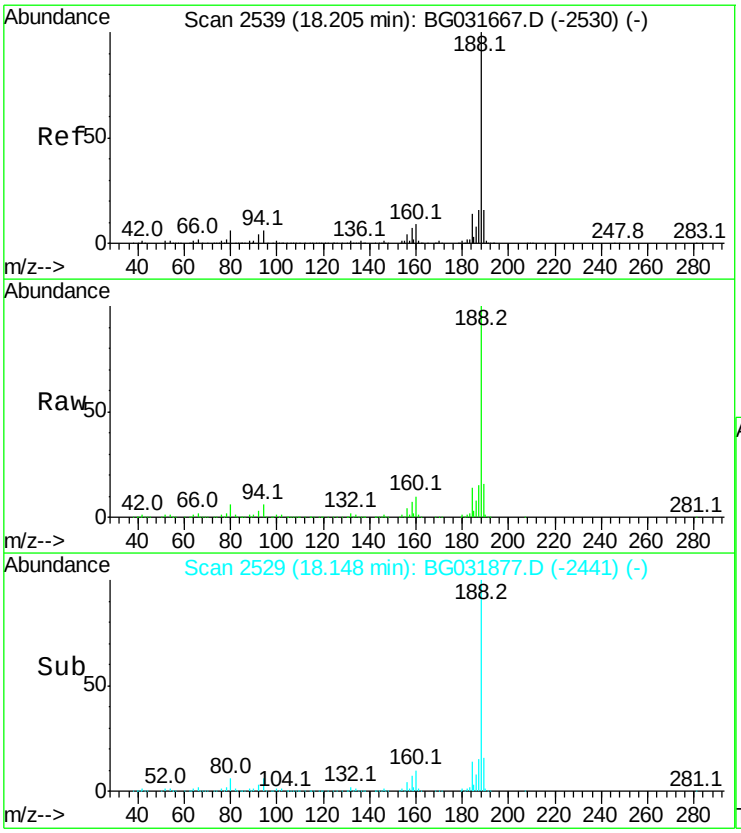
#56
2,4-Dinitrotoluene
Concen: 6.498 ng
RT: 15.42 min Scan# 2064
Delta R.T. -0.34 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 19047

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.0	63.0#
89	1.8	66.9	100.3#
182	0.0	2.6	3.8#

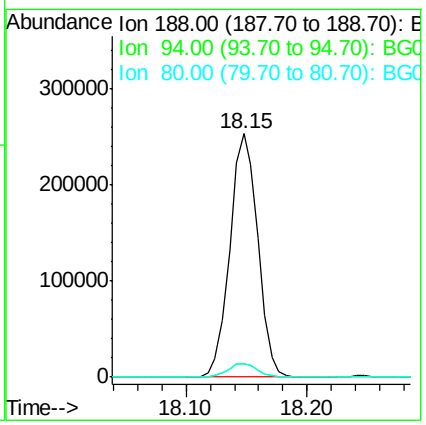


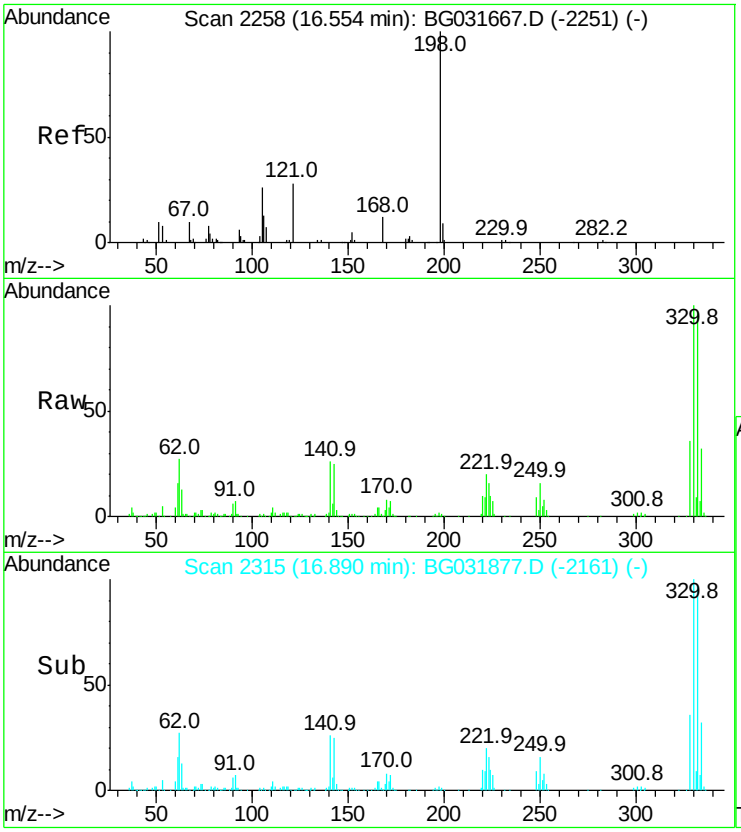


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Tgt Ion:188 Resp: 406000

Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.9	10.3#
80	5.5	7.7	11.5#



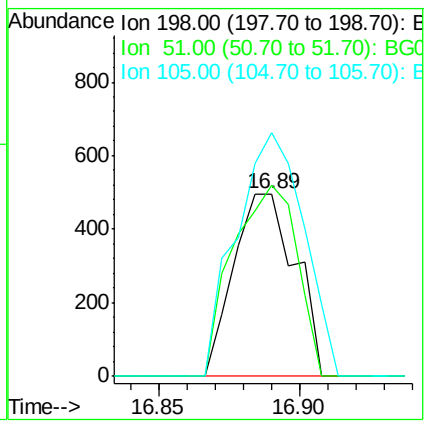


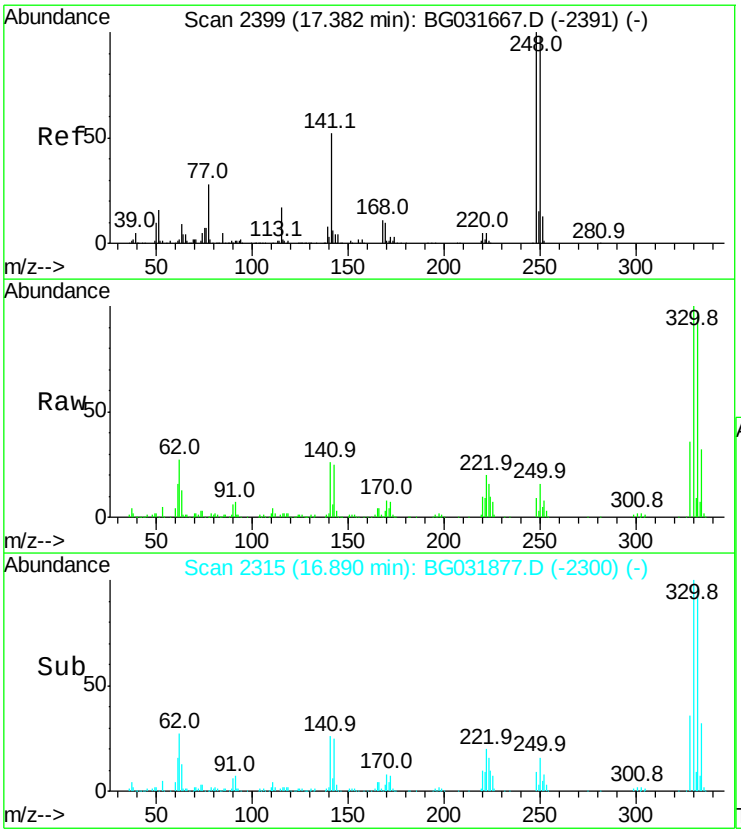
#64
4,6-Dinitro-2-methylphenol
Concen: 8.620 ng
RT: 16.89 min Scan# 2315
Delta R.T. 0.38 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 750

Ion	Ratio	Lower	Upper
198	100		
51	104.8	30.6	70.6#
105	133.5	23.8	63.8#

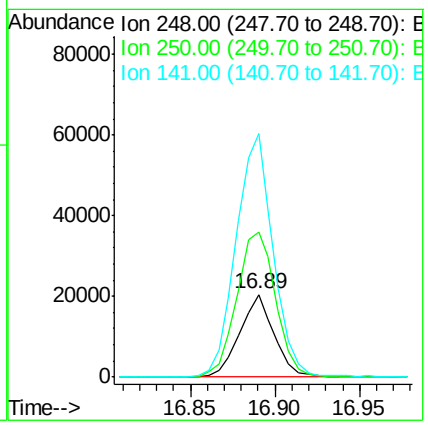


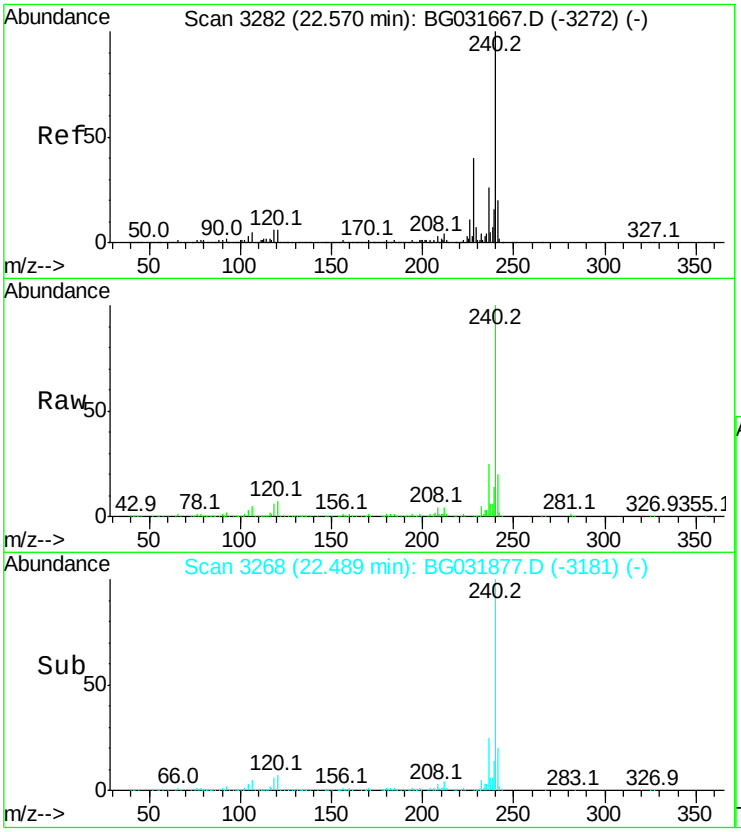


#66
4-Bromophenyl-phenylether
Concen: 4.935 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.44 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Tgt Ion:248 Resp: 28971

Ion	Ratio	Lower	Upper
248	100		
250	175.7	77.1	115.7#
141	293.9	50.8	76.2#



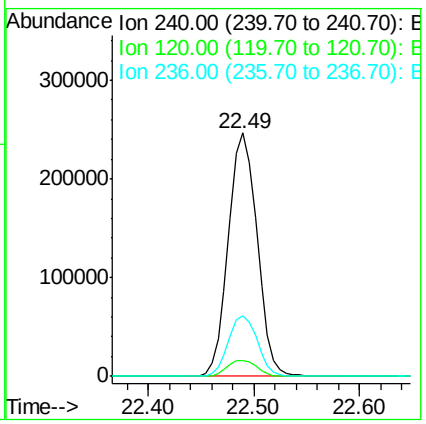


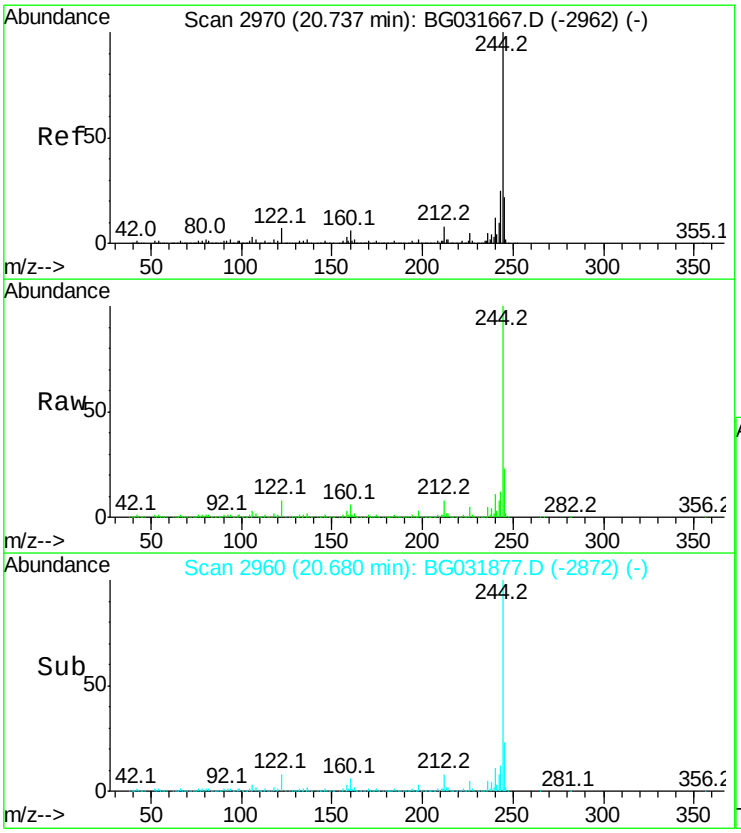
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.02 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 464008

Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.8	10.2#
236	25.1	20.9	31.3

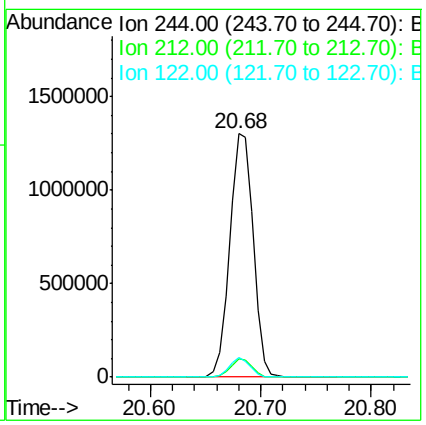


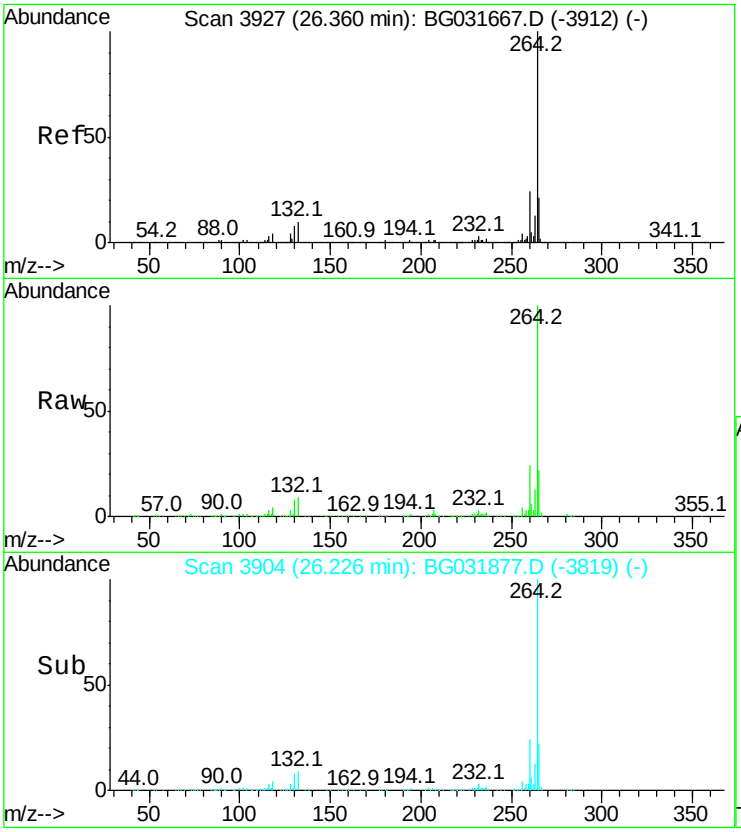


#78
Terphenyl-d14
Concen: 95.579 ng
RT: 20.68 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Tgt Ion:244 Resp: 1941182

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	7.9	7.0	10.4

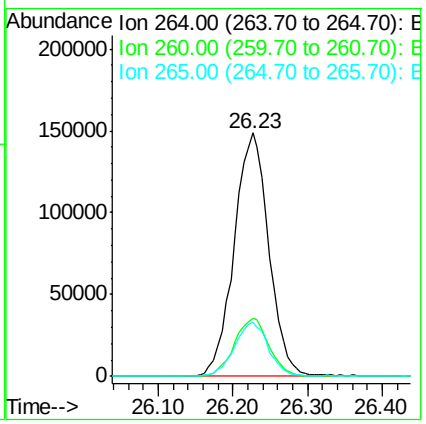




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.23 min Scan# 3904
Delta R.T. -0.03 min
Lab File: BG031877.D
Acq: 2 Jan 2018 18:40

Tgt Ion:264 Resp: 480004

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	22.2	17.7	26.5



Instrument :
BNA_G
ClientSampleId :