Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031696.D
Acq On : 22 Dec 2017 5:31
Operator : SJ/JU
Sample : I6681-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 22 07:26:08 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 03:38:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.16	152	196535	20.00	ng	0.32
21) Naphthalene-d8	11.71	136	210336	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	140803	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	398940	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	469544	20.00	ng	-0.02
86) Perylene-d12	26.34	264	490168	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	324241	30.05	ng	0.00
7) Phenol-d6	7.92	99	373863	26.69	ng	0.00
23) Nitrobenzene-d5	10.03	82	241990	86.88	ng	-0.01
41) 2,4,6-Tribromophenol	16.94	330	322990	150.34	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	896049	79.87	ng	0.00
78) Terphenyl-d14	20.73	244	1833534	89.21	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.03	70	32069	3.352	ng	# 69
32) Benzoic acid	10.87	122	162	6.759	ng	# 1
50) 2,6-Dinitrotoluene	15.46	165	18791	8.235	ng	# 20
56) 2,4-Dinitrotoluene	15.46	165	18791	6.404	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.93	198	732	8.618	ng	# 20
66) 4-Bromophenyl-phenylether	16.94	248	25462	4.414	ng	# 1

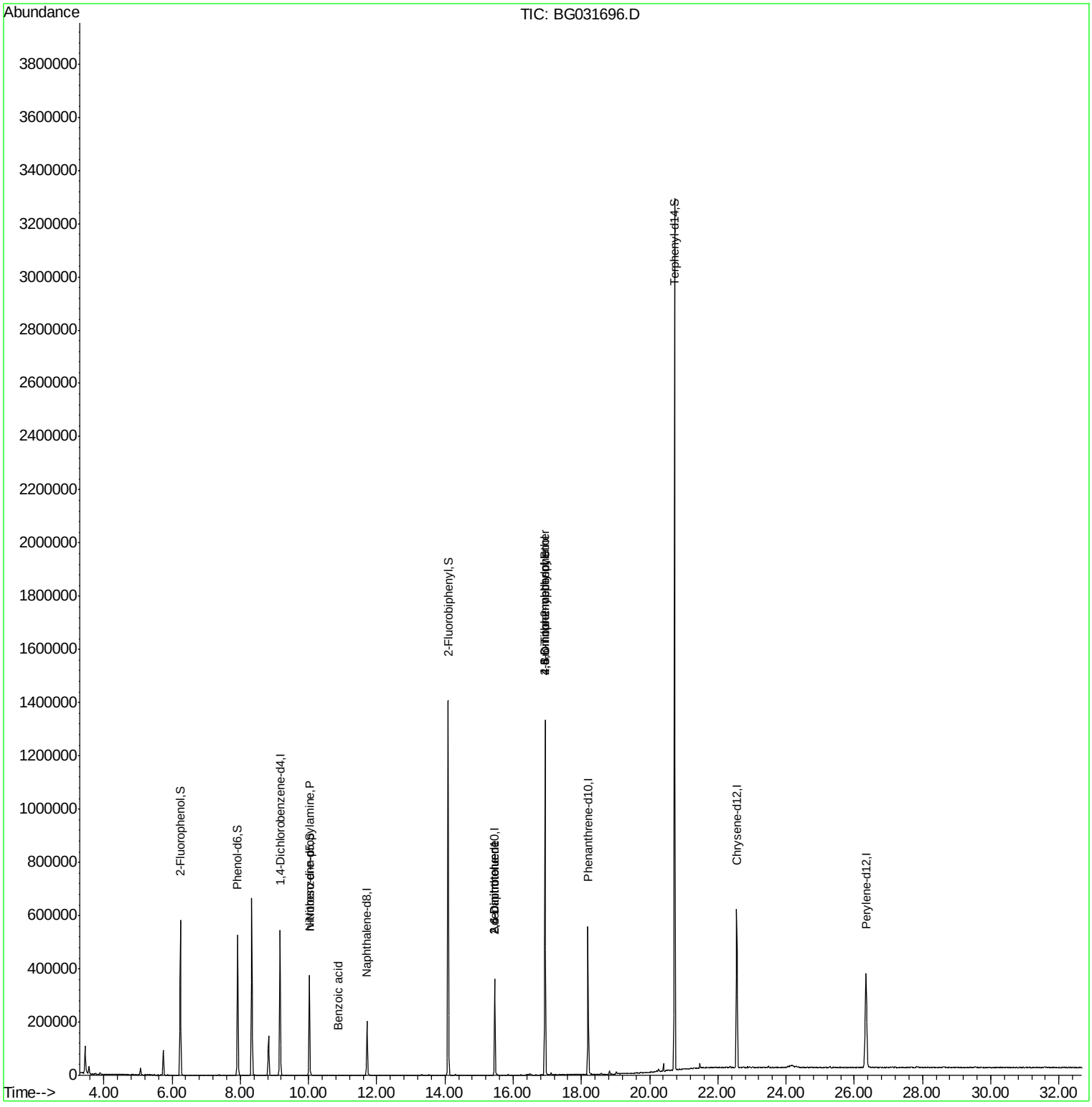
(#) = qualifier out of range (m) = manual integration (+) = signals summed

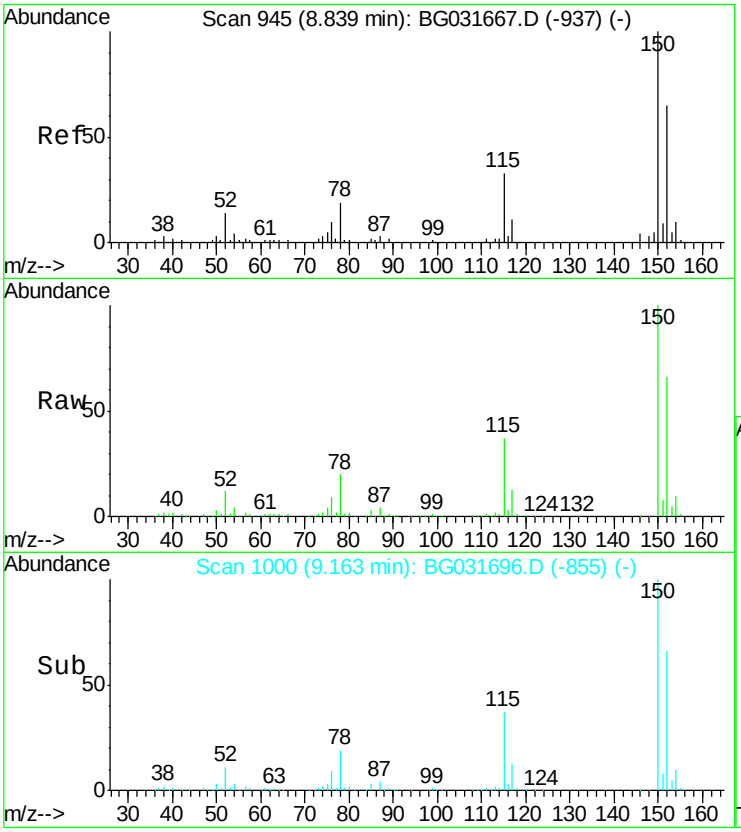
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031696.D
Acq On : 22 Dec 2017 5:31
Operator : SJ/JU
Sample : I6681-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 22 07:26:08 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 03:38:35 2017
Response via : Initial Calibration



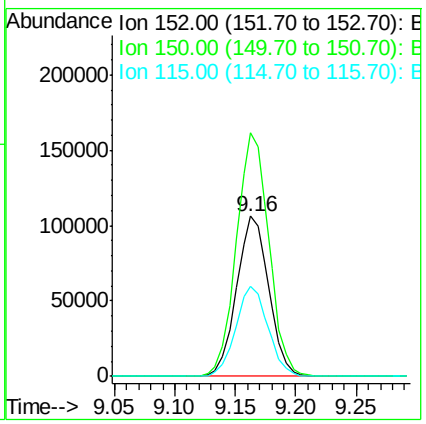


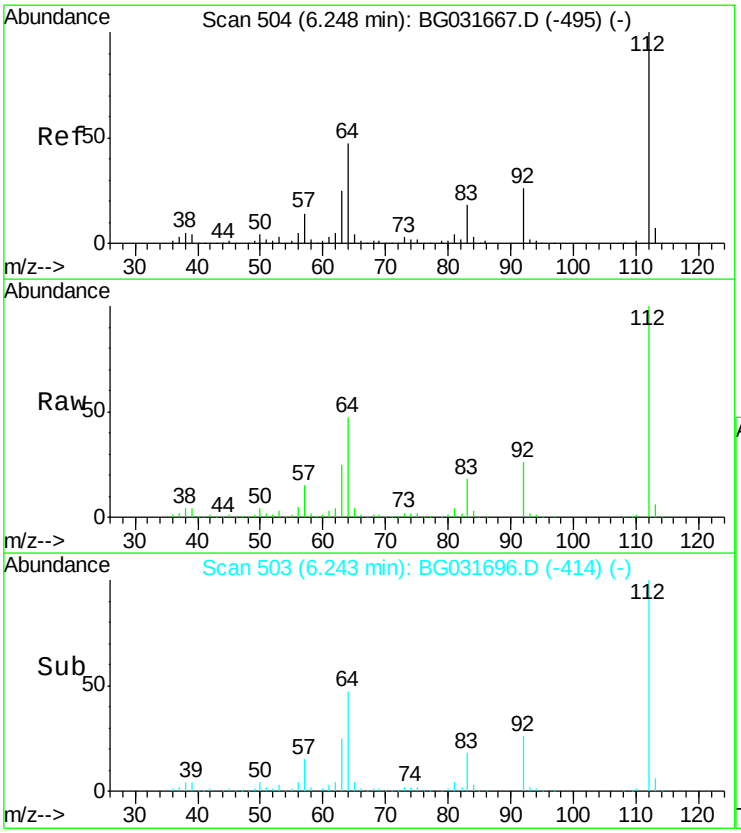
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 9.16 min Scan# 1000
Delta R.T. 0.32 min
Lab File: BG031696.D
Acq: 22 Dec 2017 5:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 196535

Ion	Ratio	Lower	Upper
152	100		
150	152.2	126.6	189.8
115	56.7	53.0	79.4

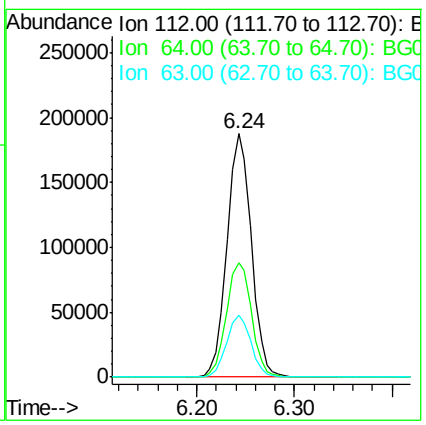


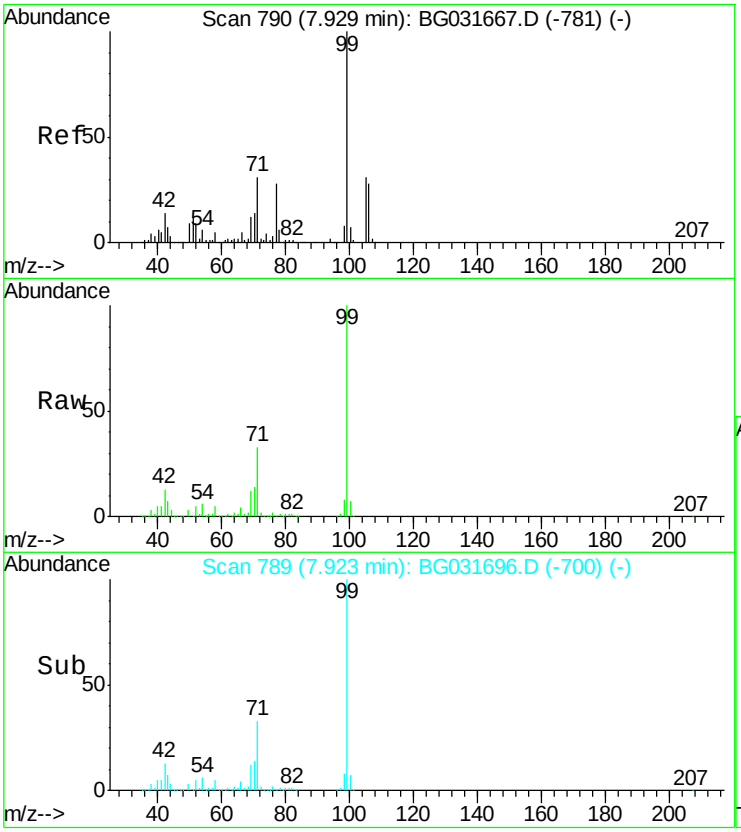


#5
2-Fluorophenol
Concen: 30.049 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG031696.D
Acq: 22 Dec 2017 5:31

Tgt Ion:112 Resp: 324241

Ion	Ratio	Lower	Upper
112	100		
64	47.1	56.3	84.5#
63	25.4	30.1	45.1#



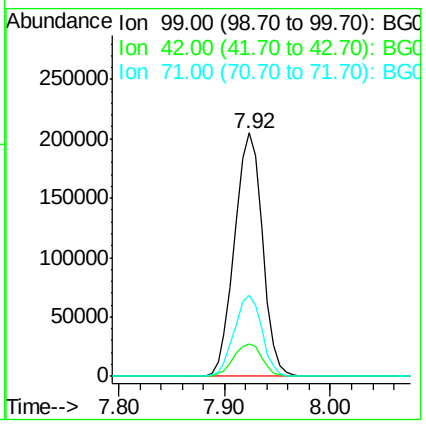


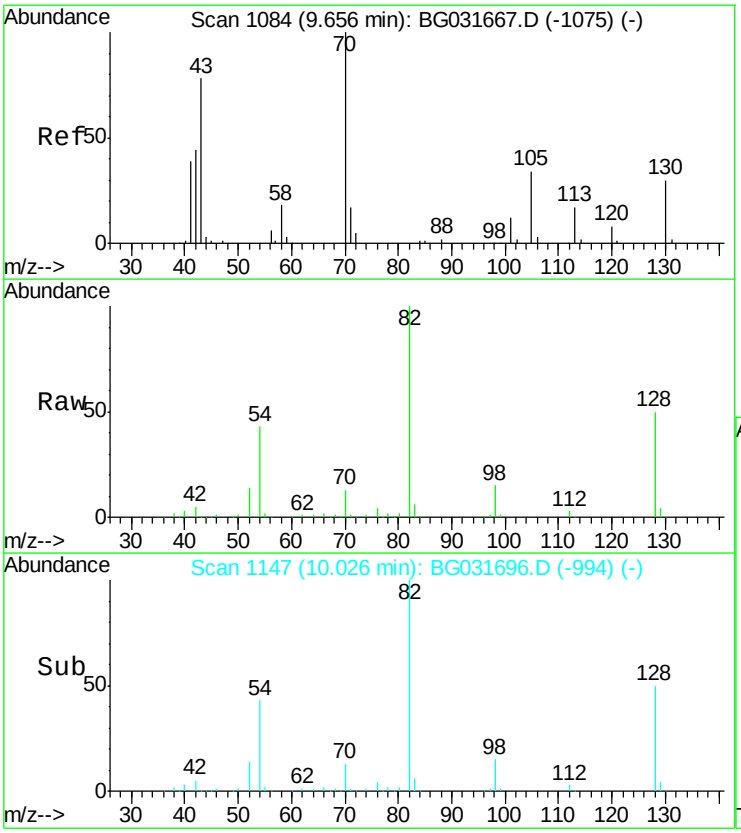
#7
Phenol-d6
Concen: 26.686 ng
RT: 7.92 min Scan# 789
Delta R.T. -0.01 min
Lab File: BG031696.D
Acq: 22 Dec 2017 5:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 373863

Ion	Ratio	Lower	Upper
99	100		
42	13.4	14.1	21.1#
71	33.2	26.1	39.1

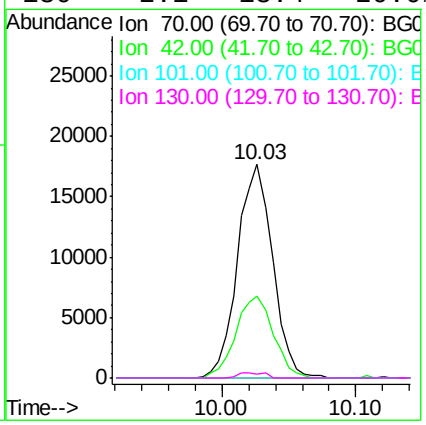


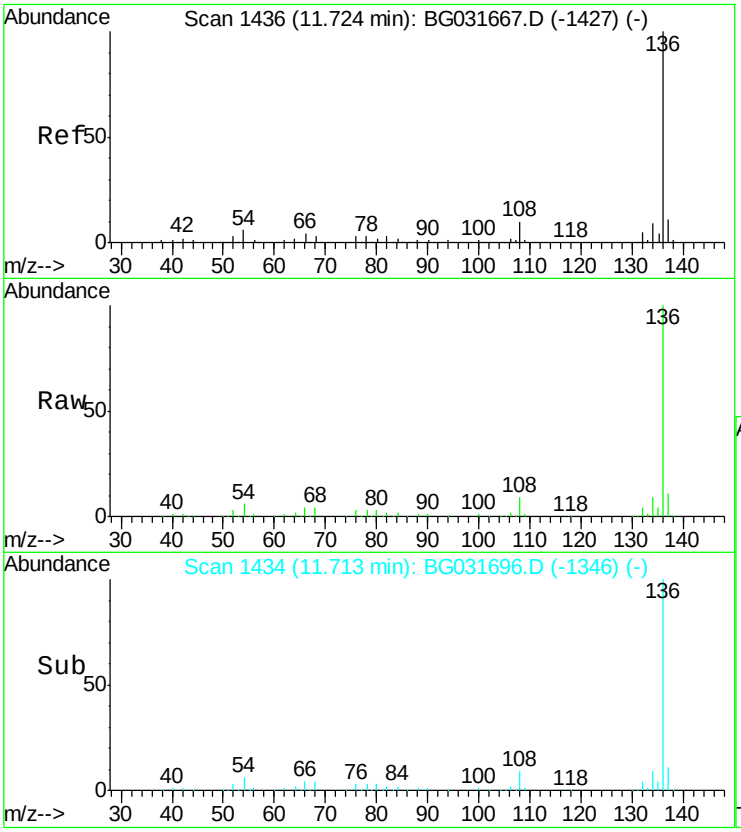


#19
n-Nitroso-di-n-propylamine
Concen: 3.352 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.37 min
Lab File: BG031696.D
Acq: 22 Dec 2017 5:31

Tgt Ion: 70 Resp: 32069

Ion	Ratio	Lower	Upper
70	100		
42	38.4	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#



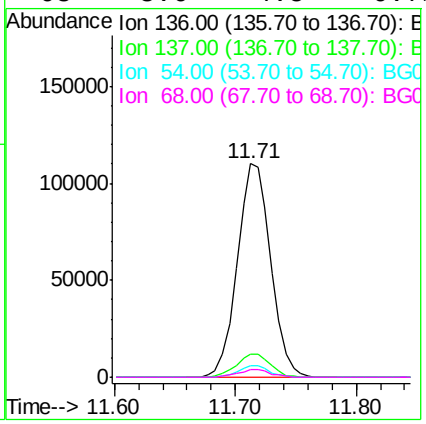


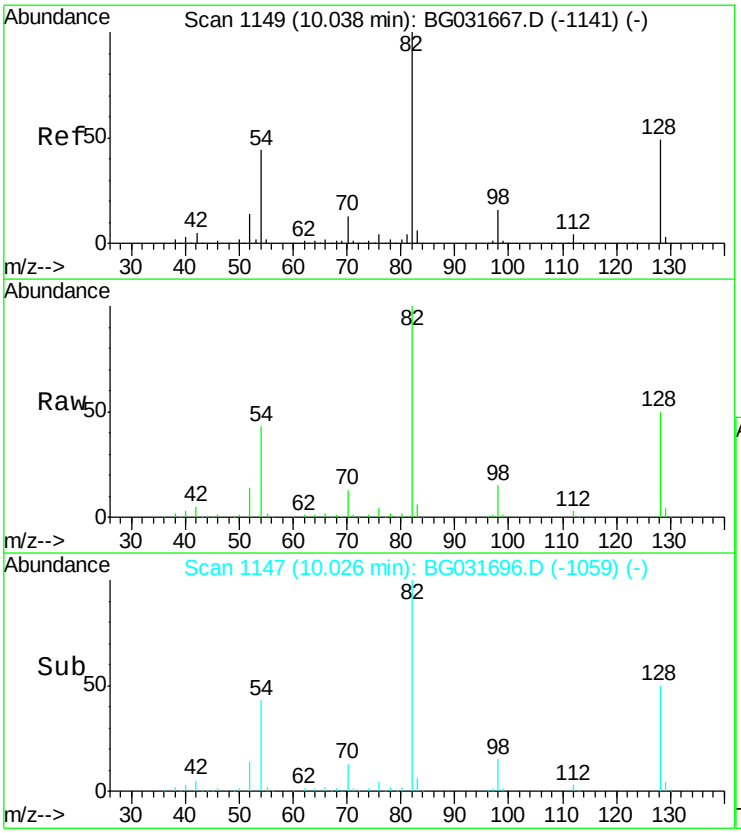
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031696.D
Acq: 22 Dec 2017 5:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 210336

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	5.6	10.3	15.5#
68	3.6	4.5	6.7#

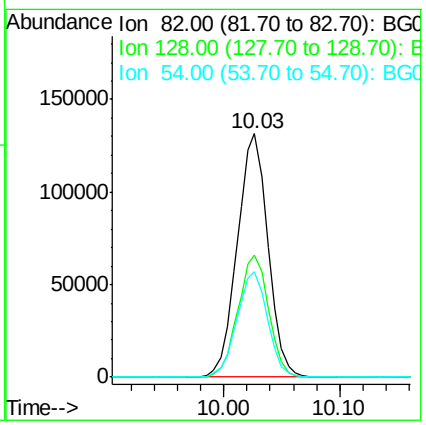


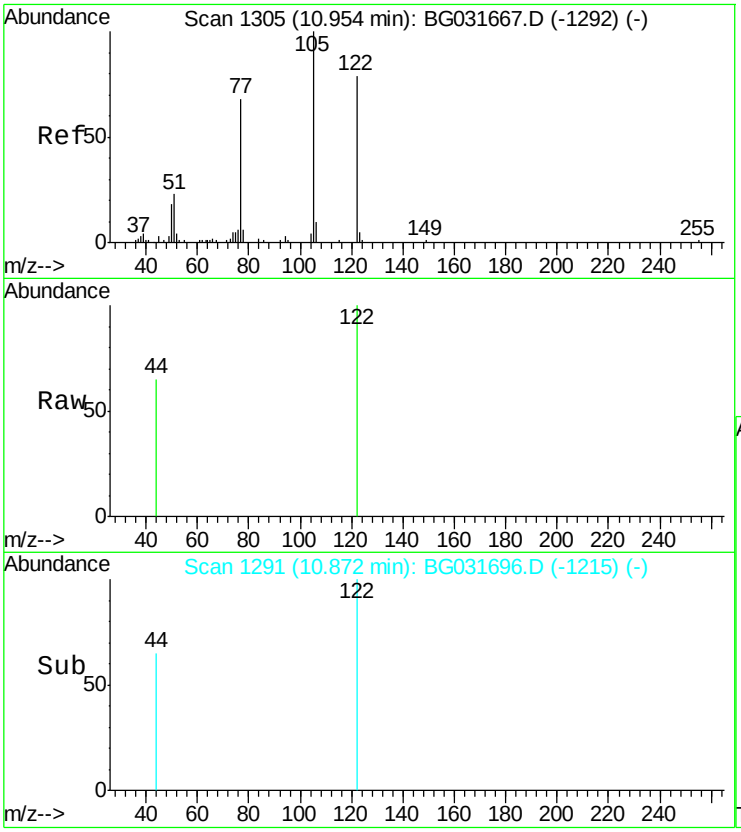


#23
Nitrobenzene-d5
Concen: 86.876 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031696.D
Acq: 22 Dec 2017 5:31

Tgt Ion: 82 Resp: 241990

Ion	Ratio	Lower	Upper
82	100		
128	49.9	29.7	44.5#
54	43.4	43.1	64.7



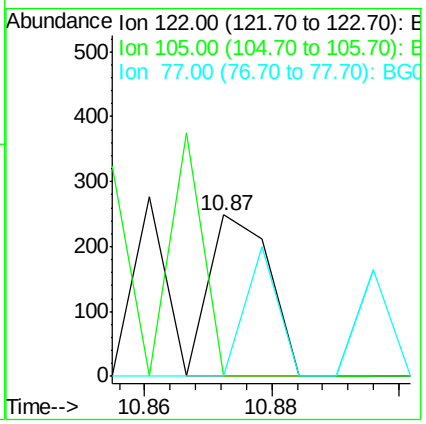


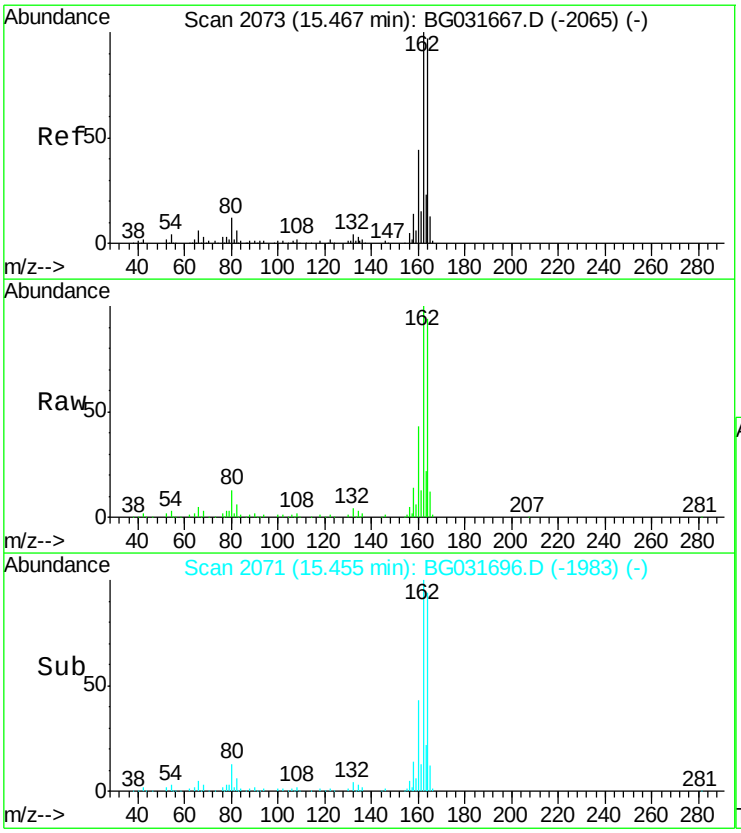
#32
Benzoic acid
Concen: 6.759 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.08 min
Lab File: BG031696.D
Acq: 22 Dec 2017 5:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 162

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

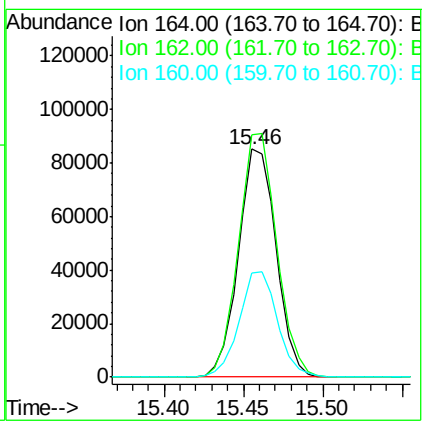


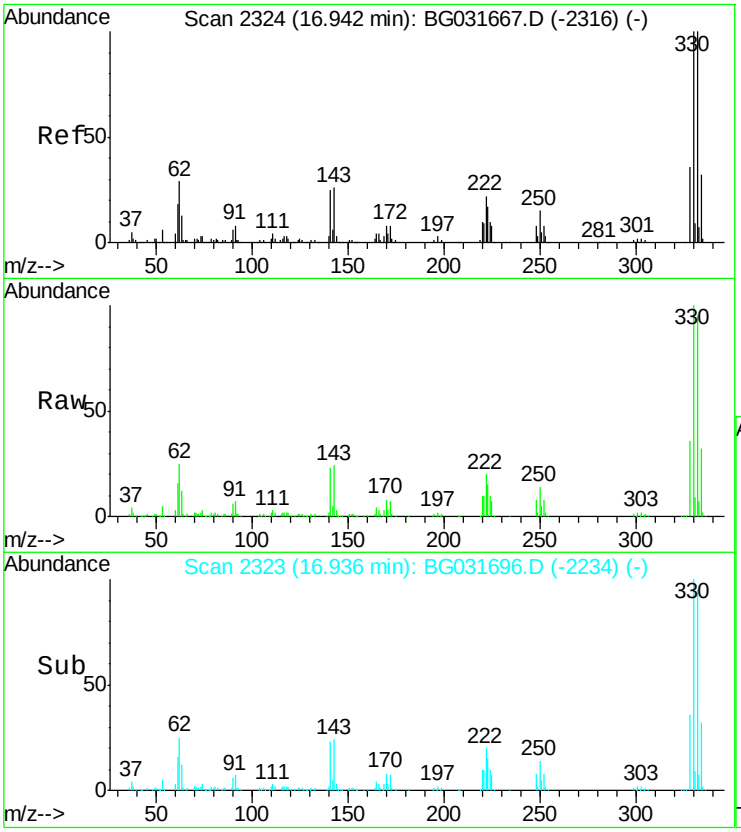


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG031696.D
Acq: 22 Dec 2017 5:31

Tgt Ion:164 Resp: 140803

Ion	Ratio	Lower	Upper
164	100		
162	106.3	78.8	118.2
160	45.6	35.4	53.0



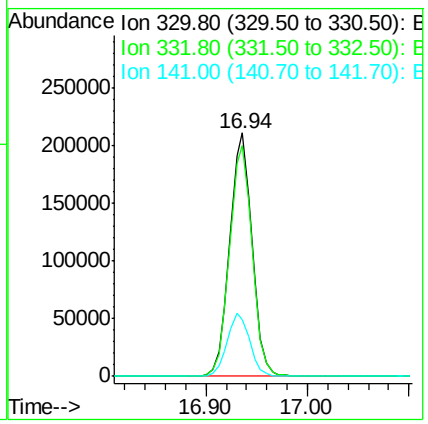


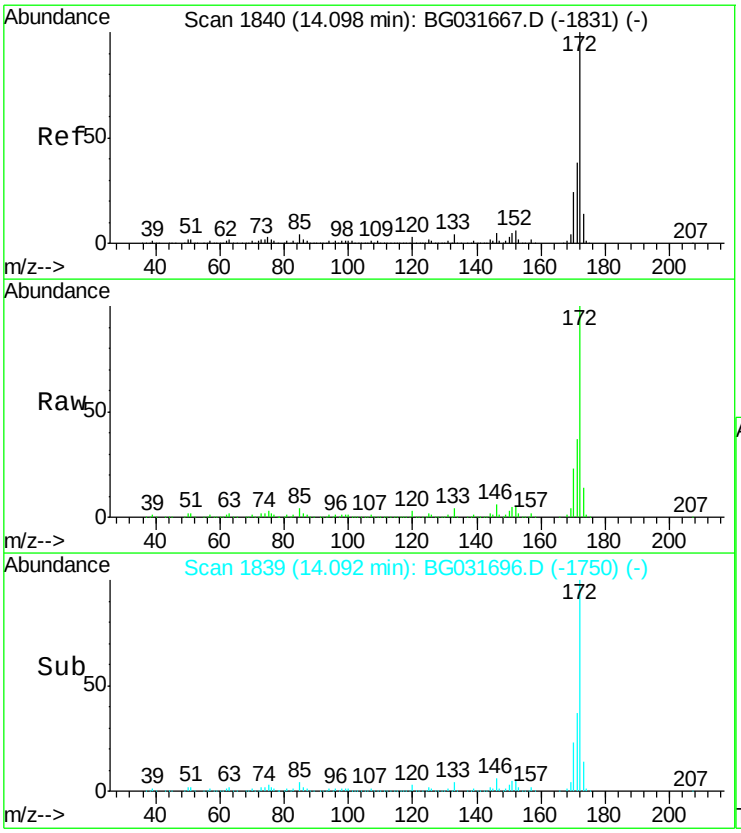
#41
2,4,6-Tribromophenol
Concen: 150.336 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG031696.D
Acq: 22 Dec 2017 5:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 322990

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	26.1	25.2	37.8

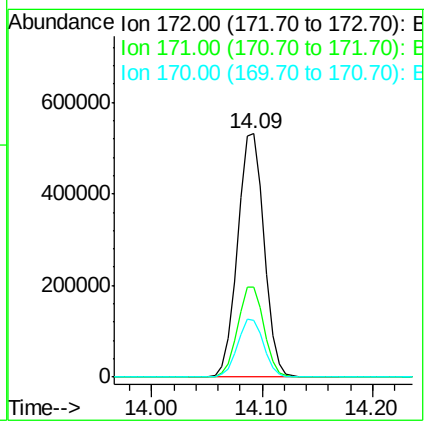


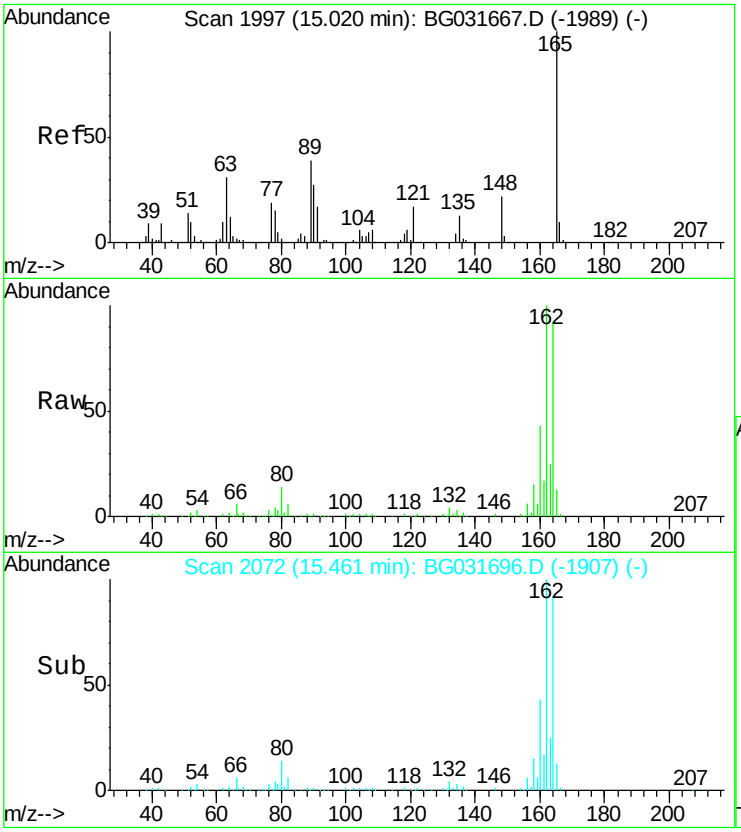


#44
2-Fluorobiphenyl
Concen: 79.875 ng
RT: 14.09 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG031696.D
Acq: 22 Dec 2017 5:31

Tgt Ion:172 Resp: 896049

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.3	19.5	29.3



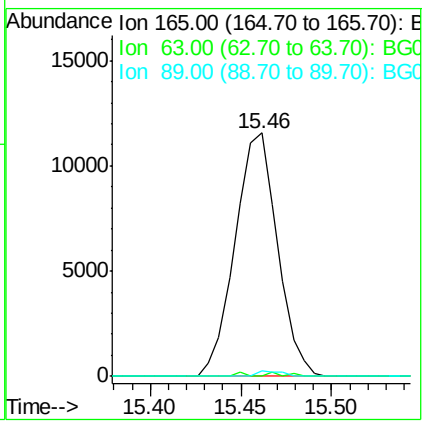


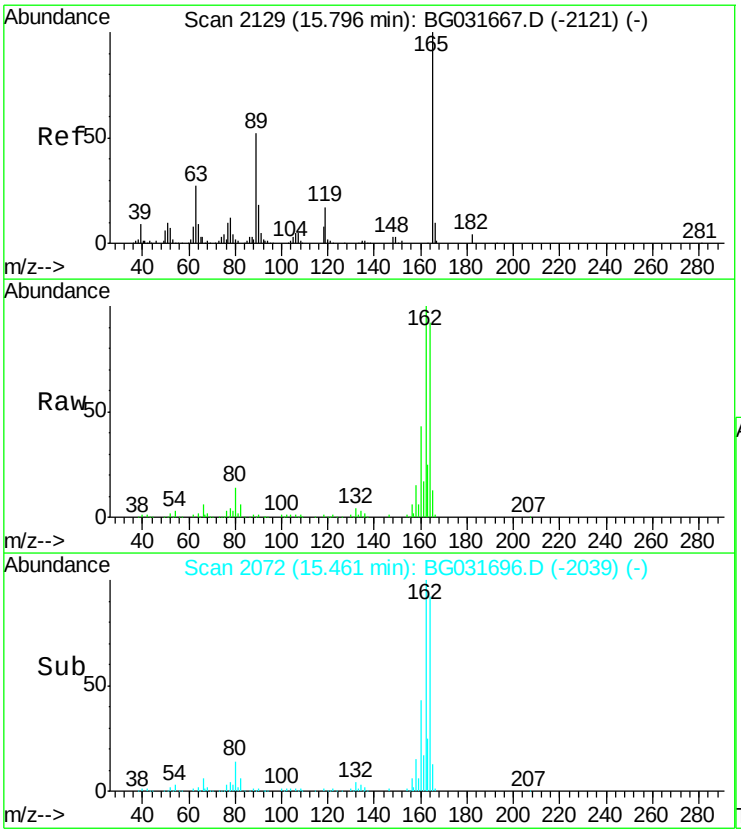
#50
2,6-Dinitrotoluene
Concen: 8.235 ng
RT: 15.46 min Scan# 2072
Delta R.T. 0.44 min
Lab File: BG031696.D
Acq: 22 Dec 2017 5:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18791

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.1	49.2	73.8#

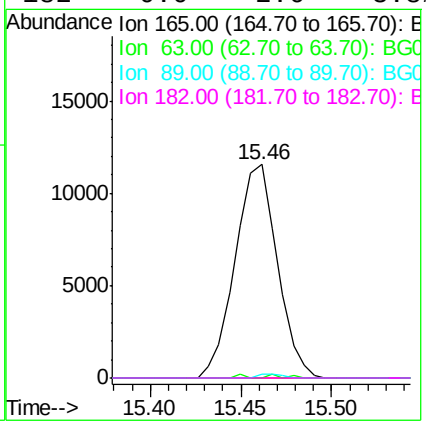


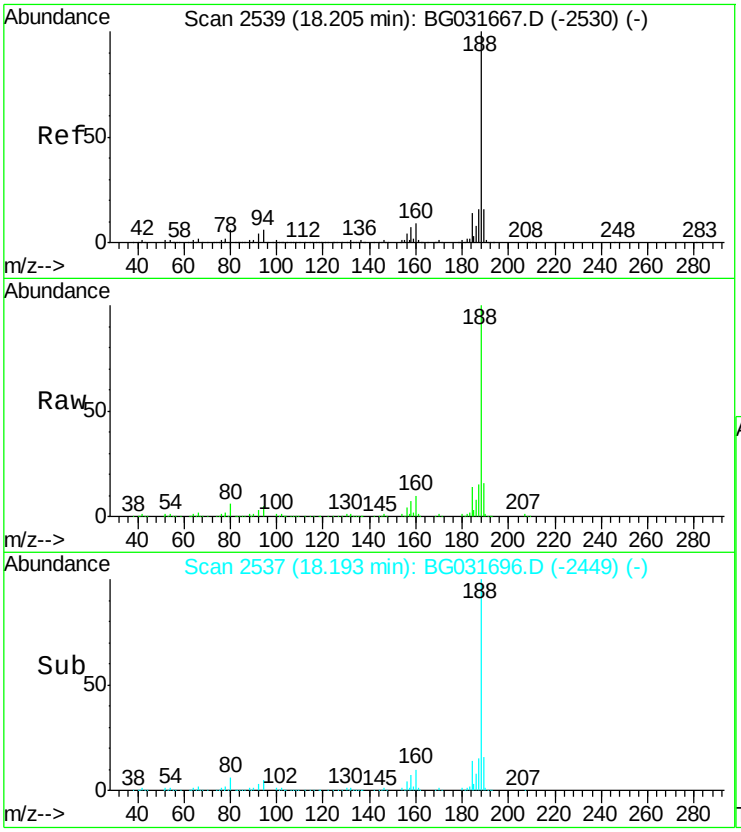


#56
2,4-Dinitrotoluene
Concen: 6.404 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.33 min
Lab File: BG031696.D
Acq: 22 Dec 2017 5:31

Tgt Ion:165 Resp: 18791

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.1	66.9	100.3#
182	0.0	2.6	3.8#



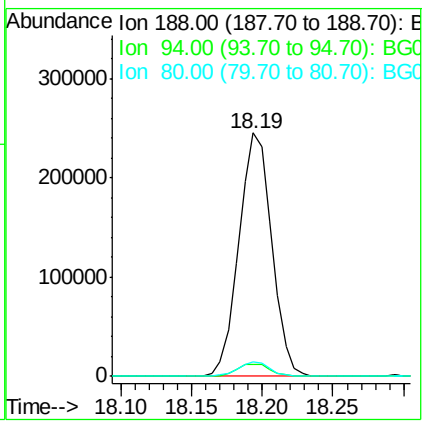


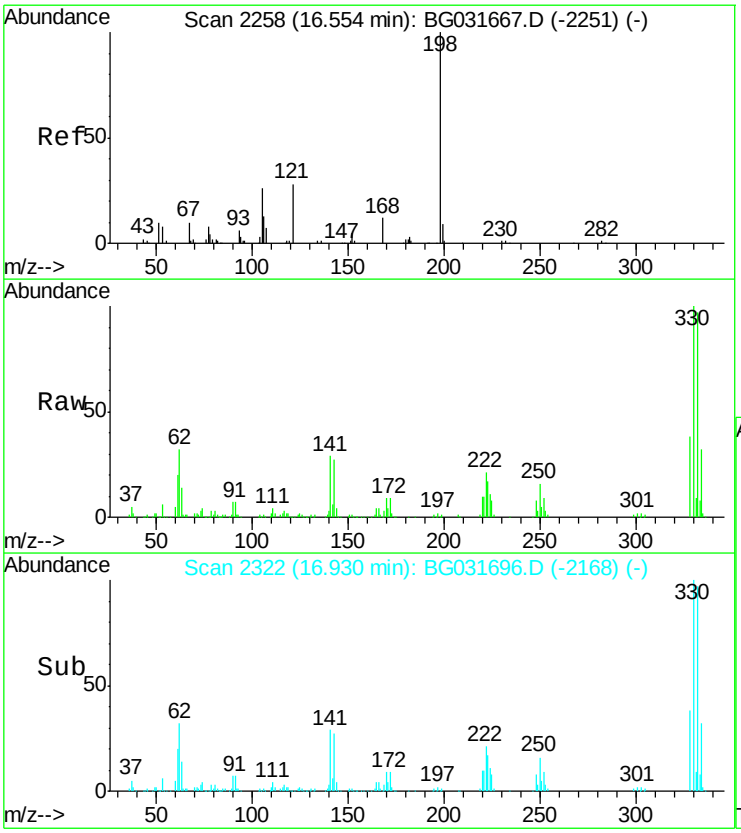
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031696.D
Acq: 22 Dec 2017 5:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 398940

Ion	Ratio	Lower	Upper
188	100		
94	5.1	6.9	10.3#
80	6.2	7.7	11.5#

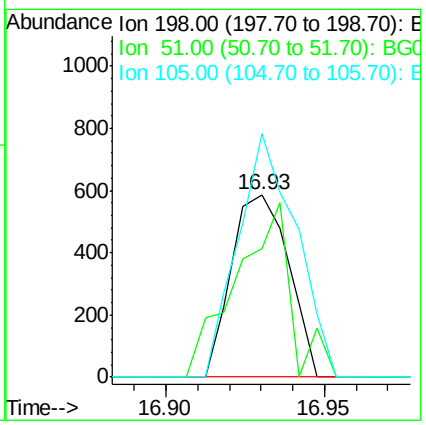


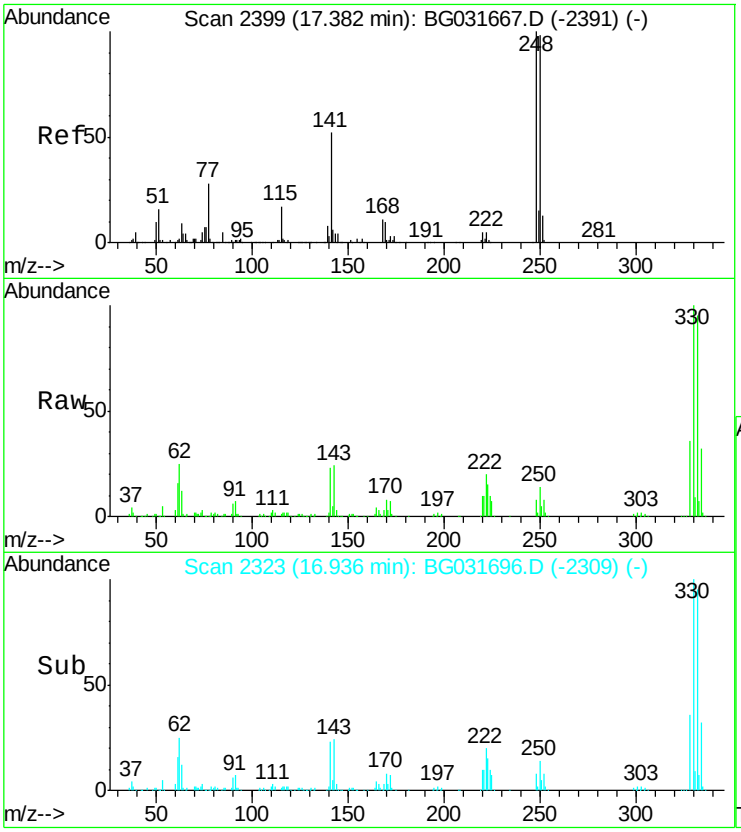


#64
4,6-Dinitro-2-methylphenol
Concen: 8.618 ng
RT: 16.93 min Scan# 2322
Delta R.T. 0.38 min
Lab File: BG031696.D
Acq: 22 Dec 2017 5:31

Tgt Ion:198 Resp: 732

Ion	Ratio	Lower	Upper
198	100		
51	70.4	30.6	70.6
105	133.2	23.8	63.8#



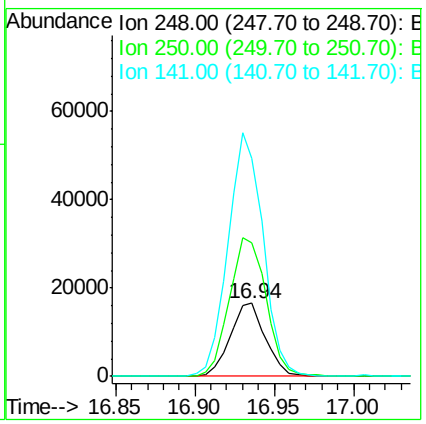


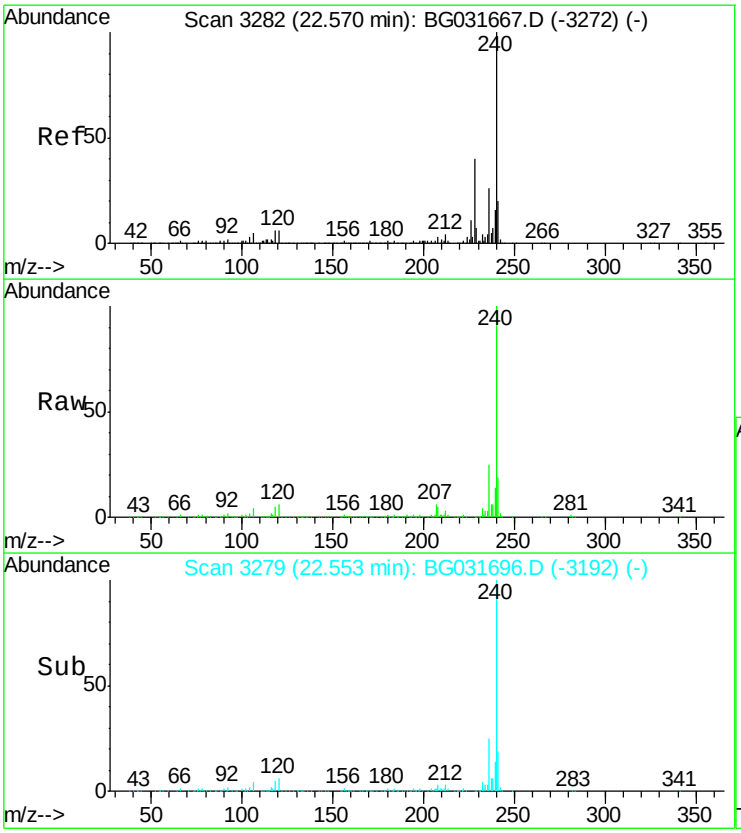
#66
4-Bromophenyl-phenylether
Concen: 4.414 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.45 min
Lab File: BG031696.D
Acq: 22 Dec 2017 5:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 25462

Ion	Ratio	Lower	Upper
248	100		
250	182.6	77.1	115.7#
141	298.5	50.8	76.2#

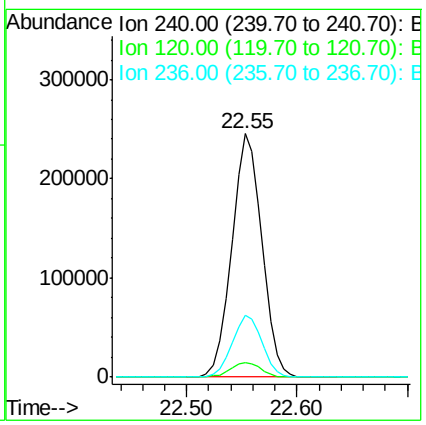


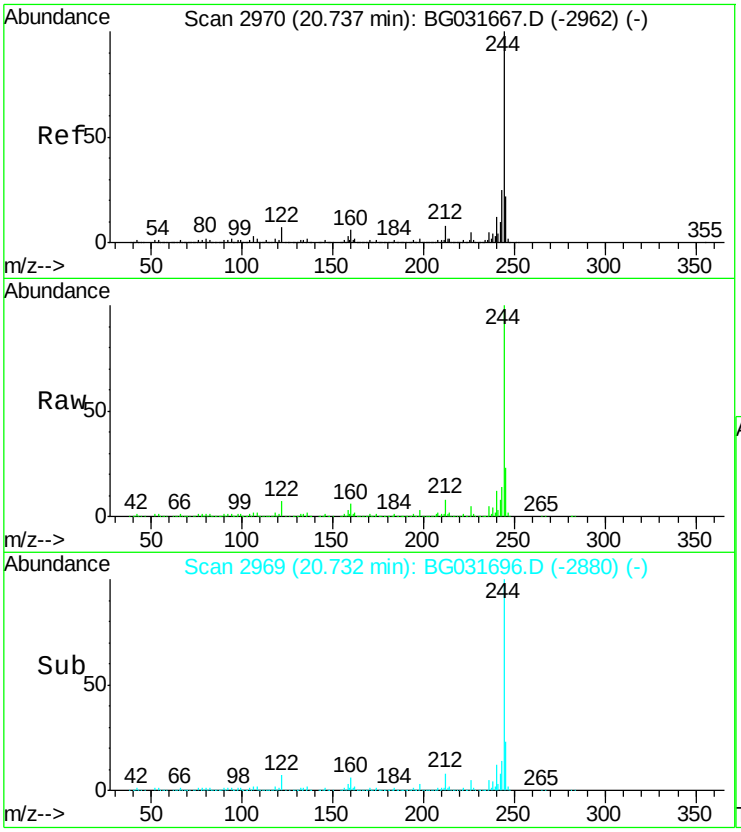


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BG031696.D
Acq: 22 Dec 2017 5:31

Tgt Ion:240 Resp: 469544

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	25.4	20.9	31.3



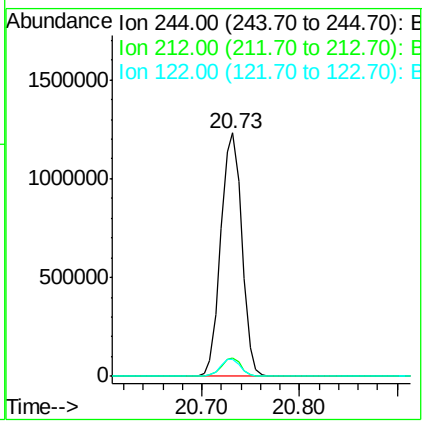


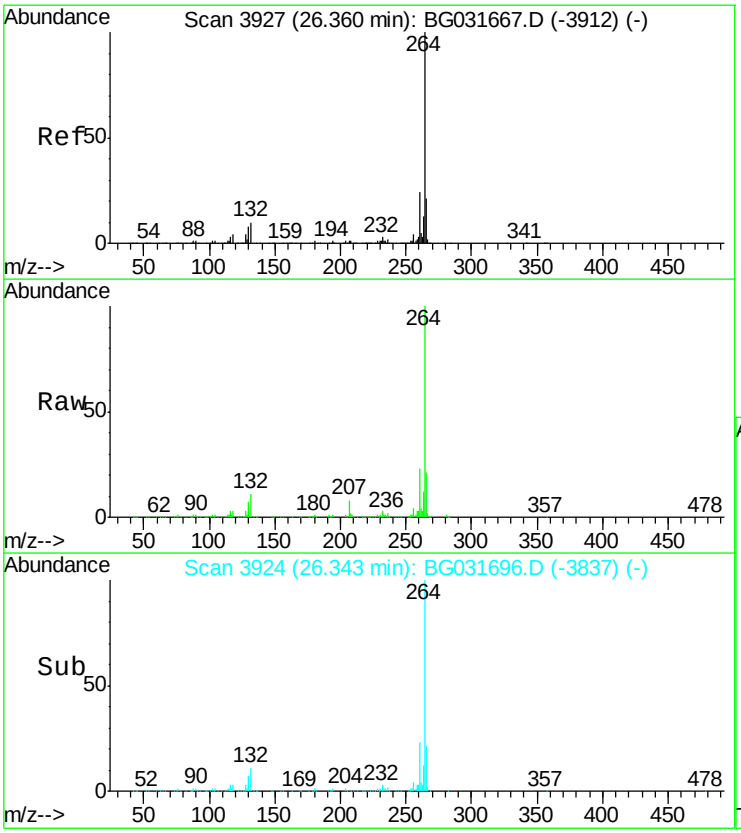
#78
Terphenyl-d14
Concen: 89.214 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BG031696.D
Acq: 22 Dec 2017 5:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1833534

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	7.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.34 min Scan# 3924
Delta R.T. -0.02 min
Lab File: BG031696.D
Acq: 22 Dec 2017 5:31

Tgt Ion:264 Resp: 490168

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.1	17.7	26.5