Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122617\
Data File : BG031788.D
Acq On : 27 Dec 2017 8:23
Operator : SJ/JU
Sample : I7009-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 27 10:02:02 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	8.81	152	43992	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	182804	20.00	ng		-0.04
38) Acenaphthene-d10	15.43	164	132023	20.00	ng		-0.04
63) Phenanthrene-d10	18.17	188	367992	20.00	ng		-0.04
75) Chrysene-d12	22.52	240	444299	20.00	ng		-0.05
86) Perylene-d12	26.27	264	471435	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	92275	38.20	ng		-0.02
7) Phenol-d6	7.90	99	74125	23.64	ng		-0.03
23) Nitrobenzene-d5	10.00	82	216930	89.61	ng		-0.04
41) 2,4,6-Tribromophenol	16.91	330	201263	99.91	ng		-0.04
44) 2-Fluorobiphenyl	14.06	172	862033	81.95	ng		-0.04
78) Terphenyl-d14	20.70	244	1642948	84.48	ng		-0.04
Target Compounds							Qvalue
9) Benzaldehyde	8.32	77	4206	2.227	ng		89
10) Phenol	7.93	94	6780	2.142	ng		95
19) n-Nitroso-di-n-propylamine	10.00	70	27992	13.071	ng	#	67
50) 2,6-Dinitrotoluene	15.43	165	17967	8.397	ng	#	19
56) 2,4-Dinitrotoluene	15.43	165	17967	6.531	ng	#	17
64) 4,6-Dinitro-2-methylphenol	16.72	198	57	8.332	ng	#	29
66) 4-Bromophenyl-phenylether	16.91	248	15917	2.991	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122617\
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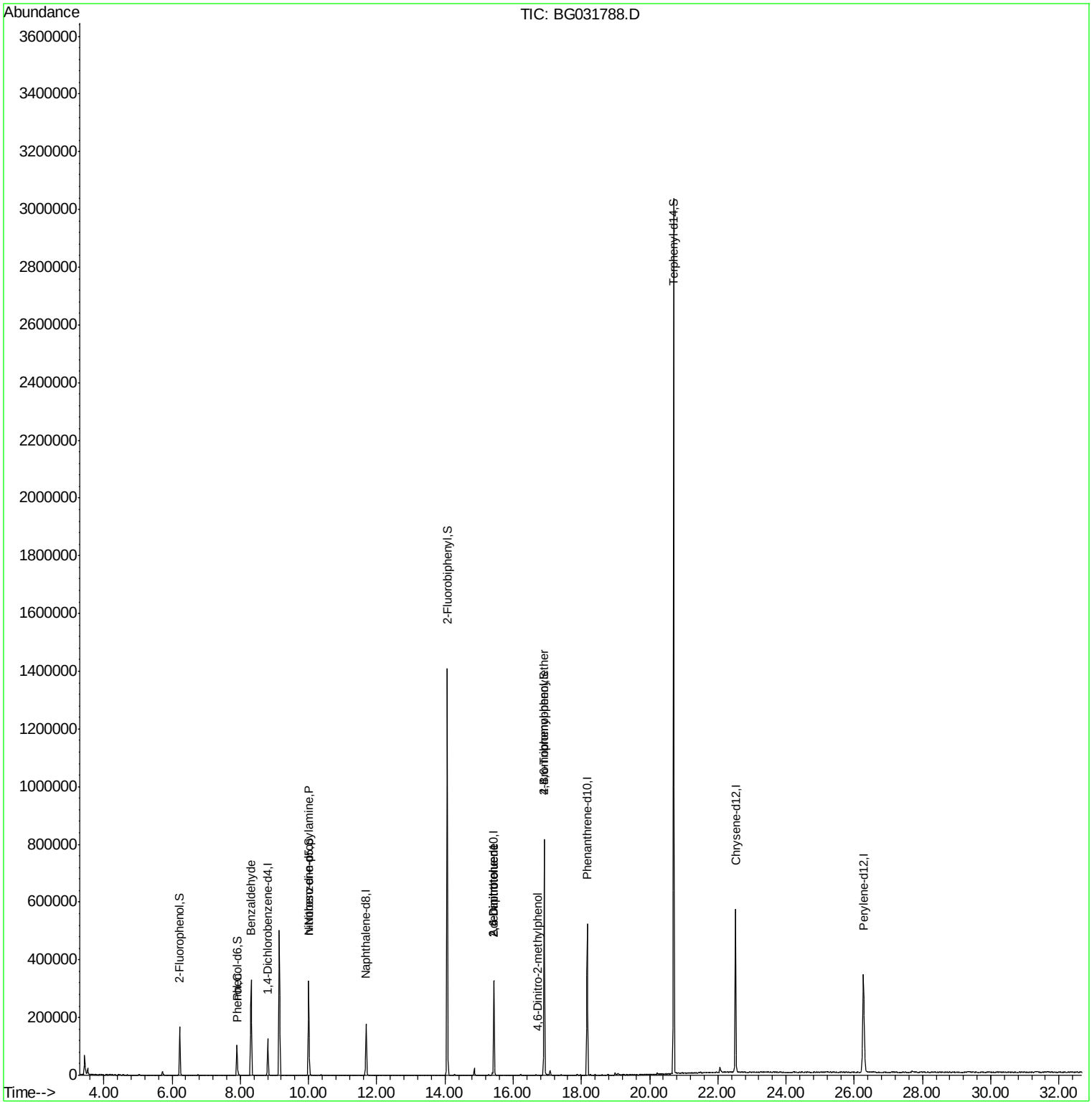
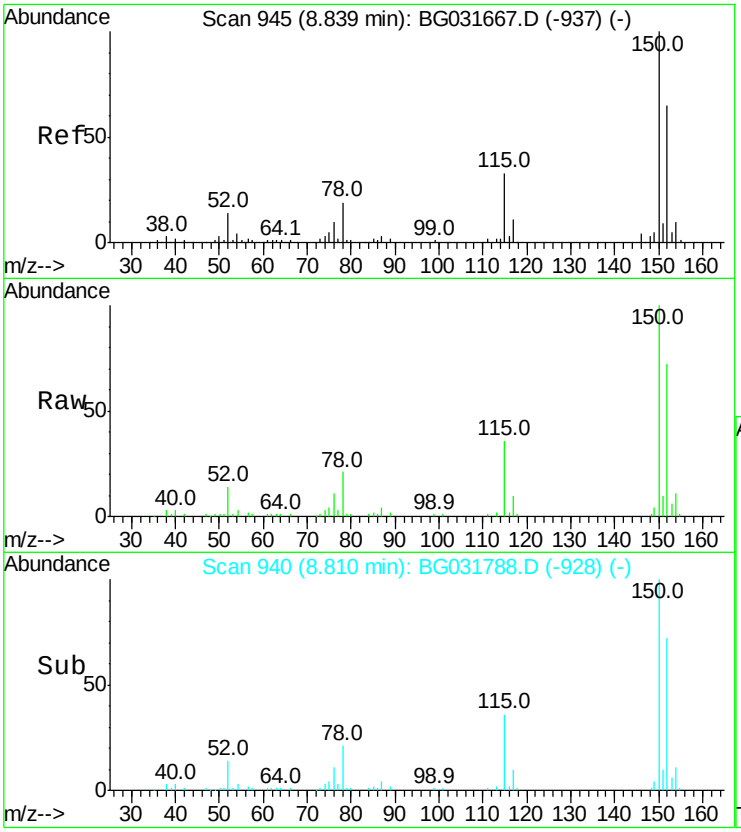
Acq On : 27 Dec 2017 8:23
Operator : SJ/JU
Sample : I7009-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 27 10:02:02 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



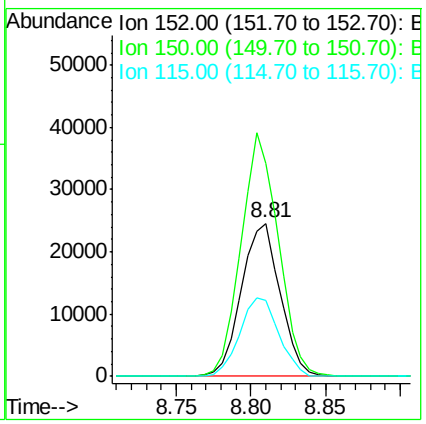


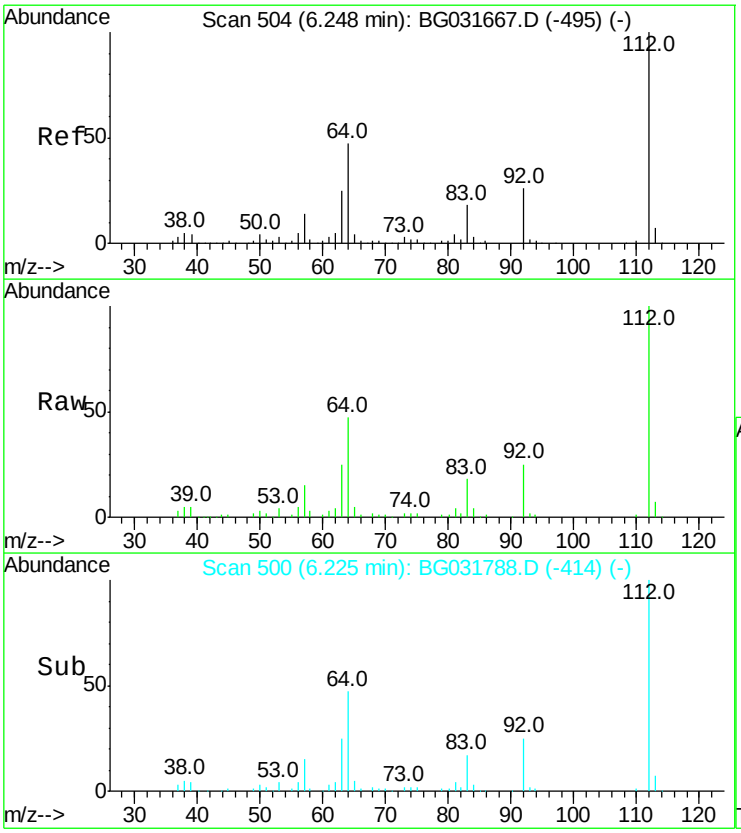
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.03 min
Lab File: BG031788.D
Acq: 27 Dec 2017 8:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 43992

Ion	Ratio	Lower	Upper
152	100		
150	139.1	126.6	189.8
115	49.8	53.0	79.4#

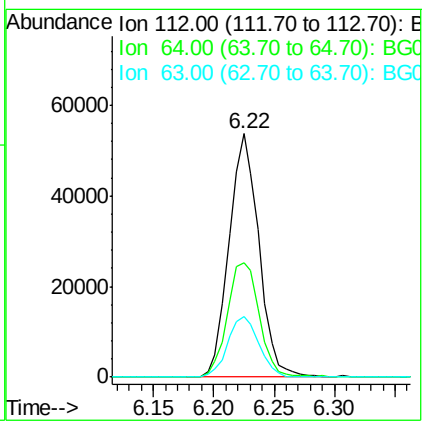


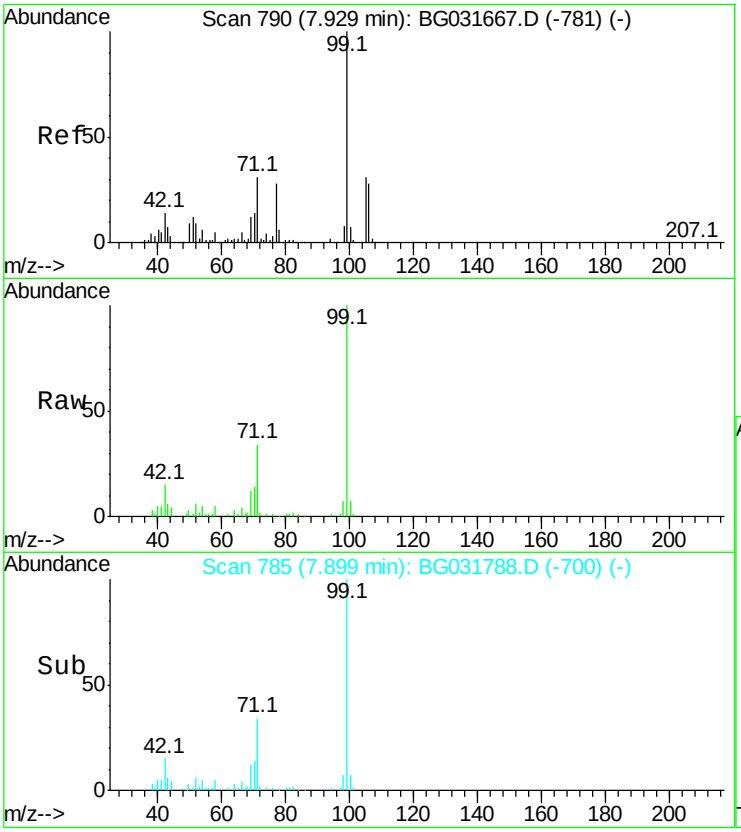


#5
2-Fluorophenol
Concen: 38.204 ng
RT: 6.22 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031788.D
Acq: 27 Dec 2017 8:23

Tgt Ion:112 Resp: 92275

Ion	Ratio	Lower	Upper
112	100		
64	47.2	56.3	84.5#
63	24.7	30.1	45.1#



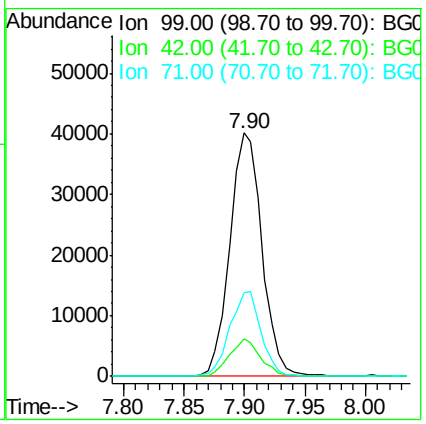


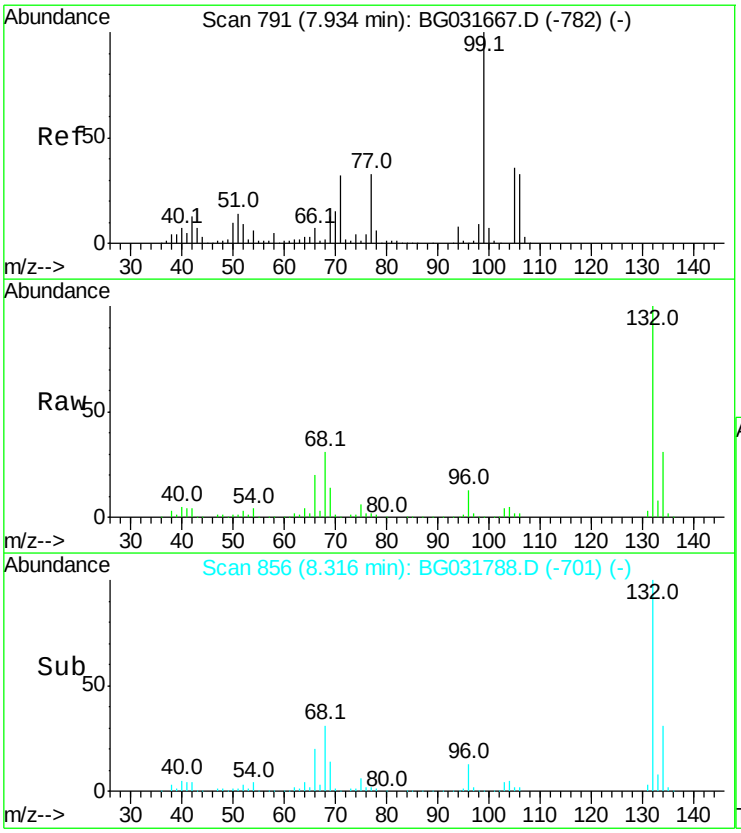
#7
Phenol-d6
Concen: 23.638 ng
RT: 7.90 min Scan# 785
Delta R.T. -0.03 min
Lab File: BG031788.D
Acq: 27 Dec 2017 8:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 74125

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.1	21.1
71	34.5	26.1	39.1

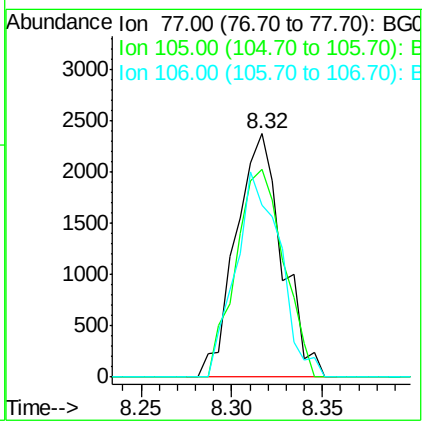


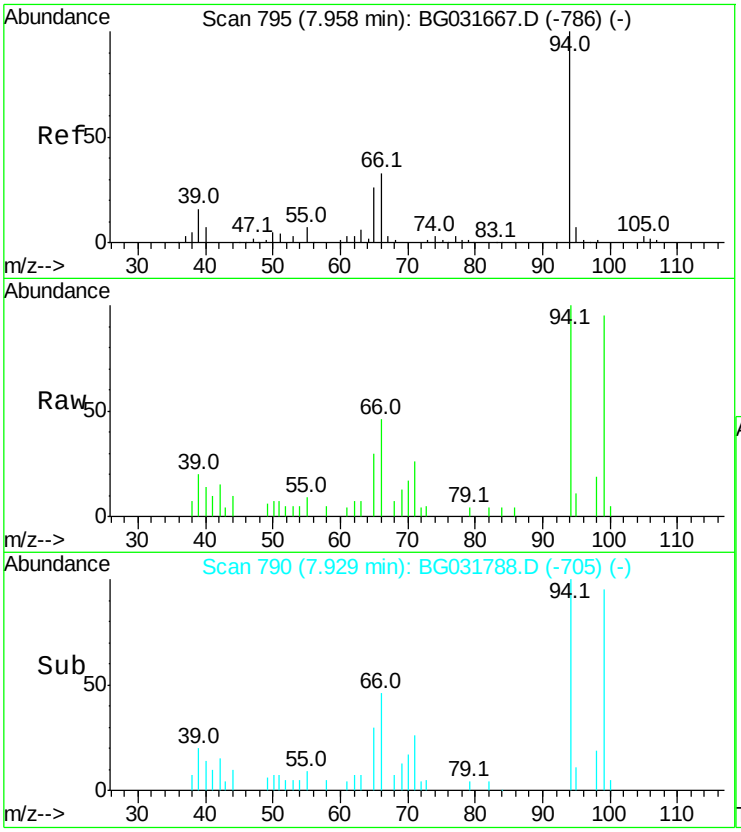


#9
Benzaldehyde
Concen: 2.227 ng
RT: 8.32 min Scan# 856
Delta R.T. 0.38 min
Lab File: BG031788.D
Acq: 27 Dec 2017 8:23

Tgt Ion: 77 Resp: 4206

Ion	Ratio	Lower	Upper
77	100		
105	85.1	71.3	111.3
106	70.7	64.2	104.2



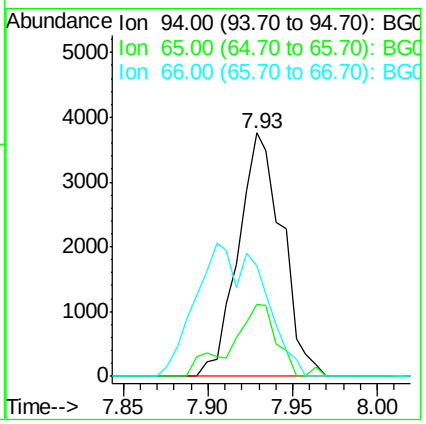


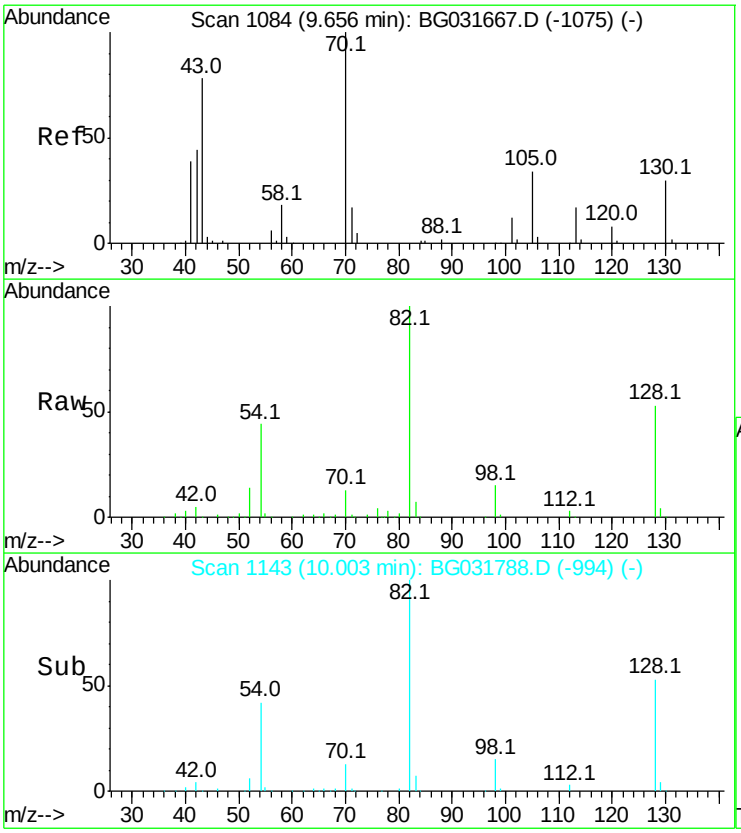
#10
Phenol
Concen: 2.142 ng
RT: 7.93 min Scan# 790
Delta R.T. -0.03 min
Lab File: BG031788.D
Acq: 27 Dec 2017 8:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 6780

Ion	Ratio	Lower	Upper
94	100		
65	29.8	11.9	51.9
66	45.6	22.2	62.2

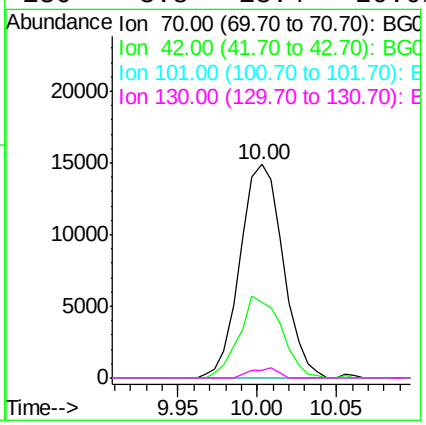


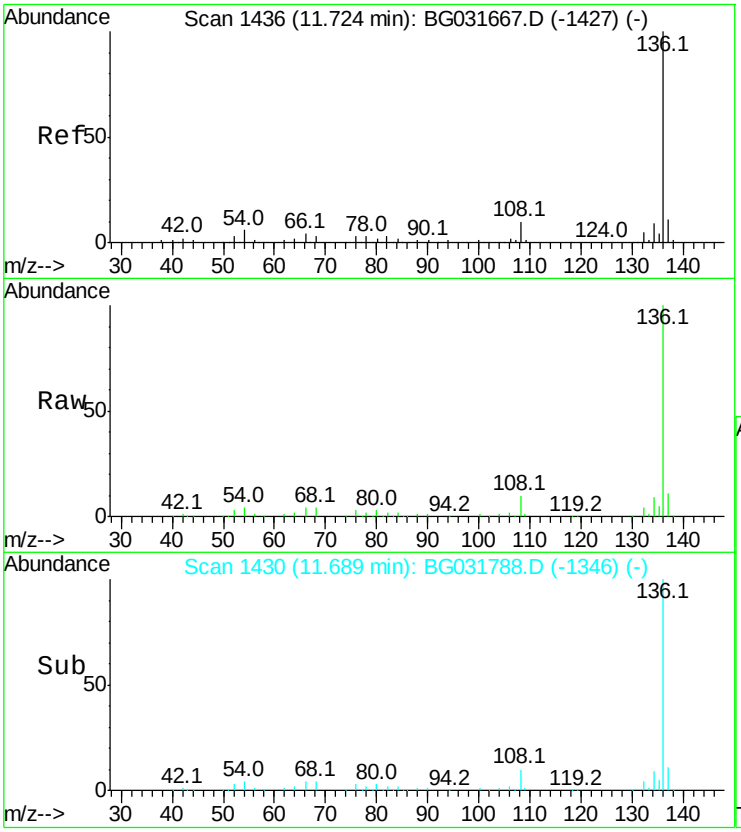


#19
n-Nitroso-di-n-propylamine
Concen: 13.071 ng
RT: 10.00 min Scan# 1143
Delta R.T. 0.35 min
Lab File: BG031788.D
Acq: 27 Dec 2017 8:23

Tgt Ion: 70 Resp: 27992

Ion	Ratio	Lower	Upper
70	100		
42	35.3	49.1	73.7#
101	0.0	8.5	12.7#
130	3.8	13.4	20.0#



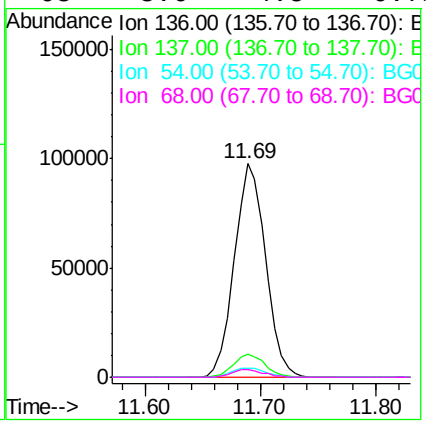


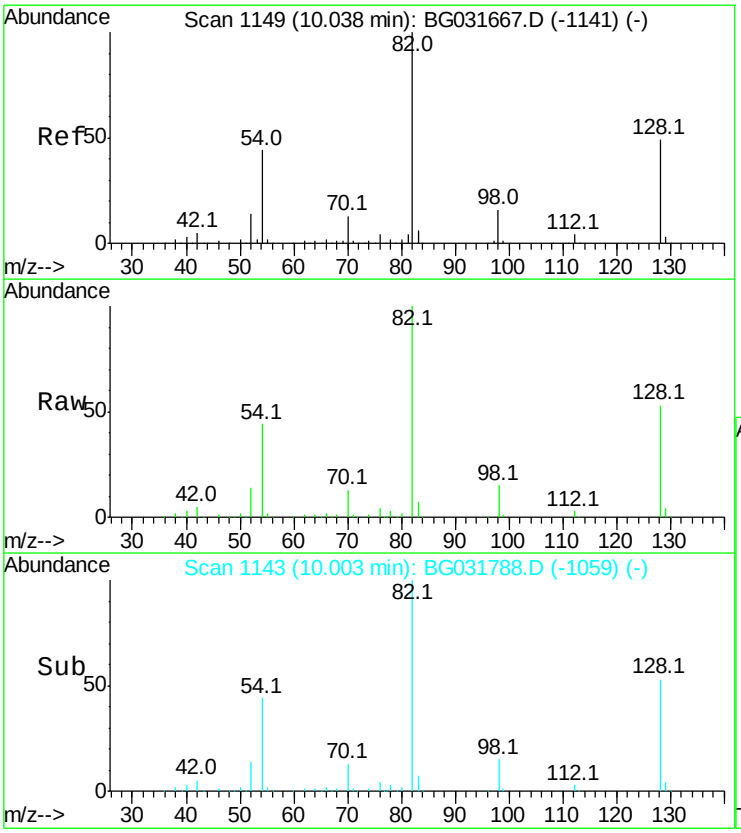
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BG031788.D
Acq: 27 Dec 2017 8:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 182804

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	4.4	10.3	15.5#
68	3.6	4.5	6.7#

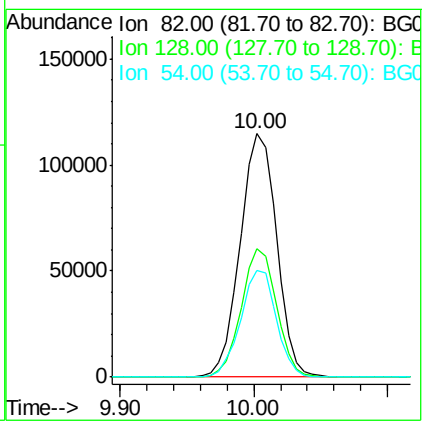


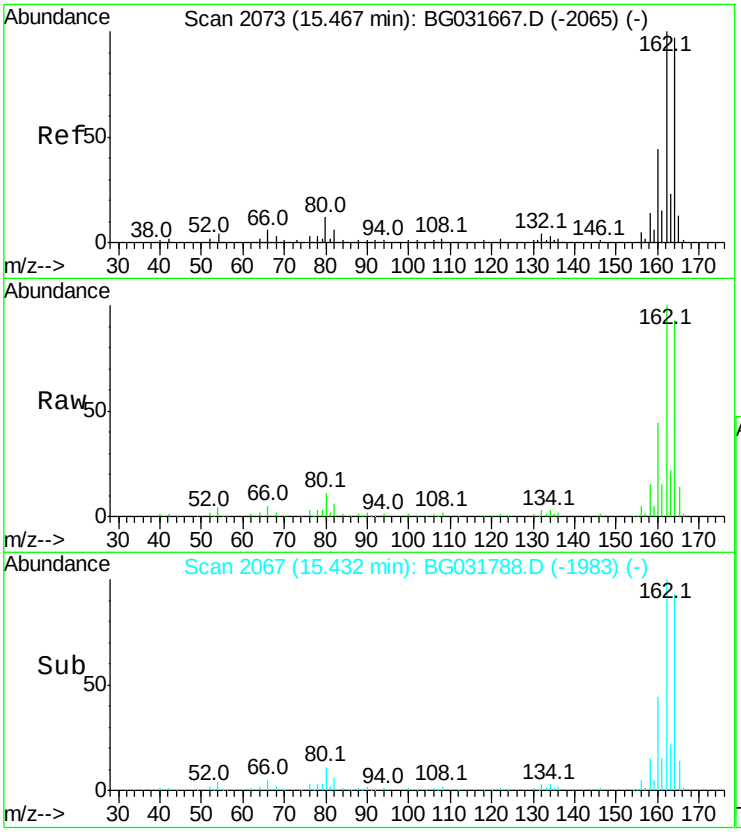


#23
Nitrobenzene-d5
Concen: 89.609 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.04 min
Lab File: BG031788.D
Acq: 27 Dec 2017 8:23

Tgt Ion: 82 Resp: 216930

Ion	Ratio	Lower	Upper
82	100		
128	52.9	29.7	44.5#
54	43.6	43.1	64.7



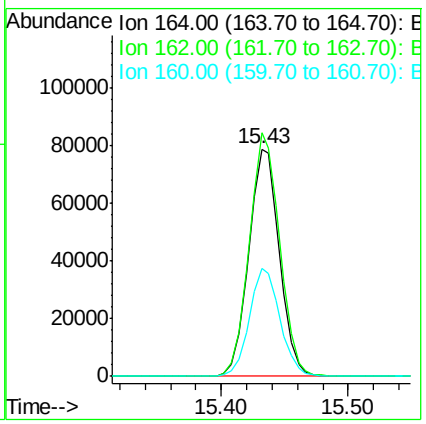


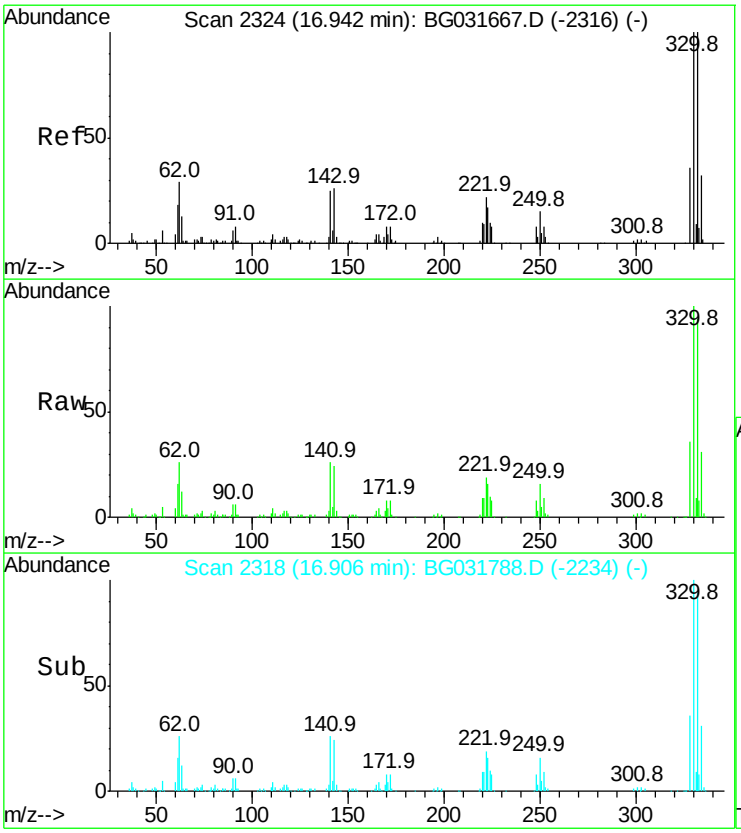
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.04 min
Lab File: BG031788.D
Acq: 27 Dec 2017 8:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 132023

Ion	Ratio	Lower	Upper
164	100		
162	107.0	78.8	118.2
160	47.2	35.4	53.0

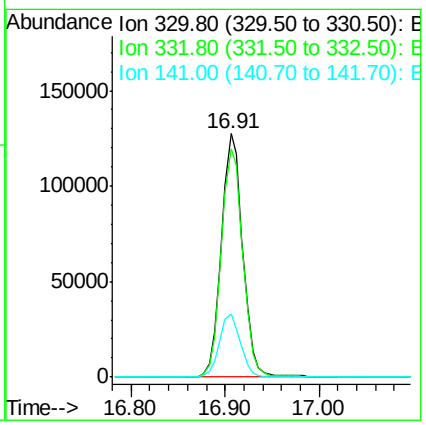


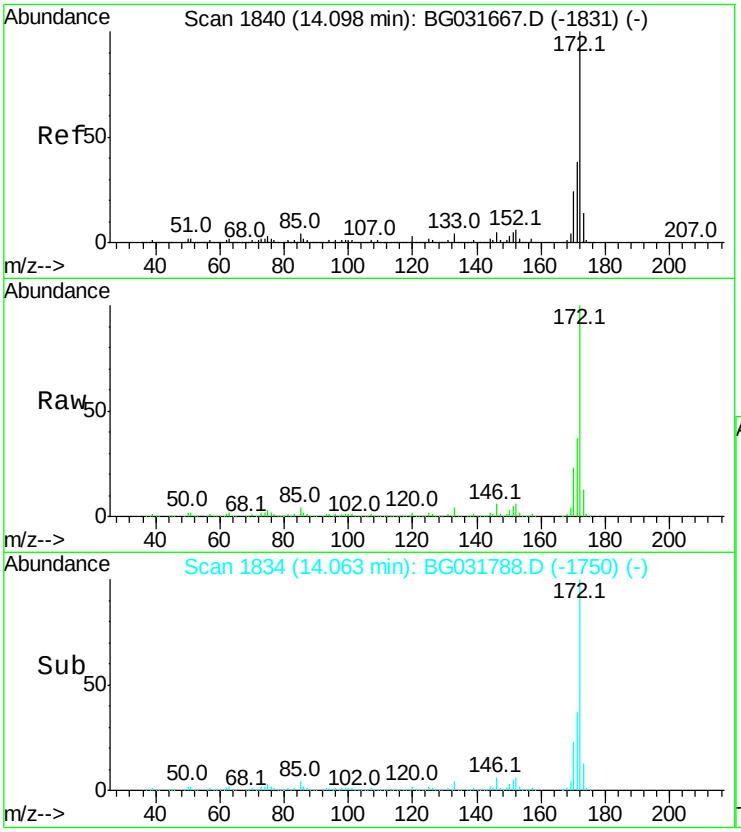


#41
2,4,6-Tribromophenol
Concen: 99.908 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.04 min
Lab File: BG031788.D
Acq: 27 Dec 2017 8:23

Tgt Ion:330 Resp: 201263

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	25.6	25.2	37.8



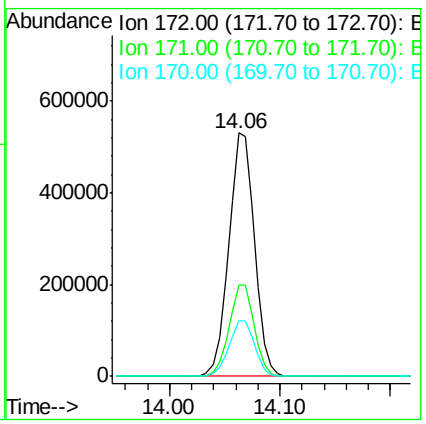


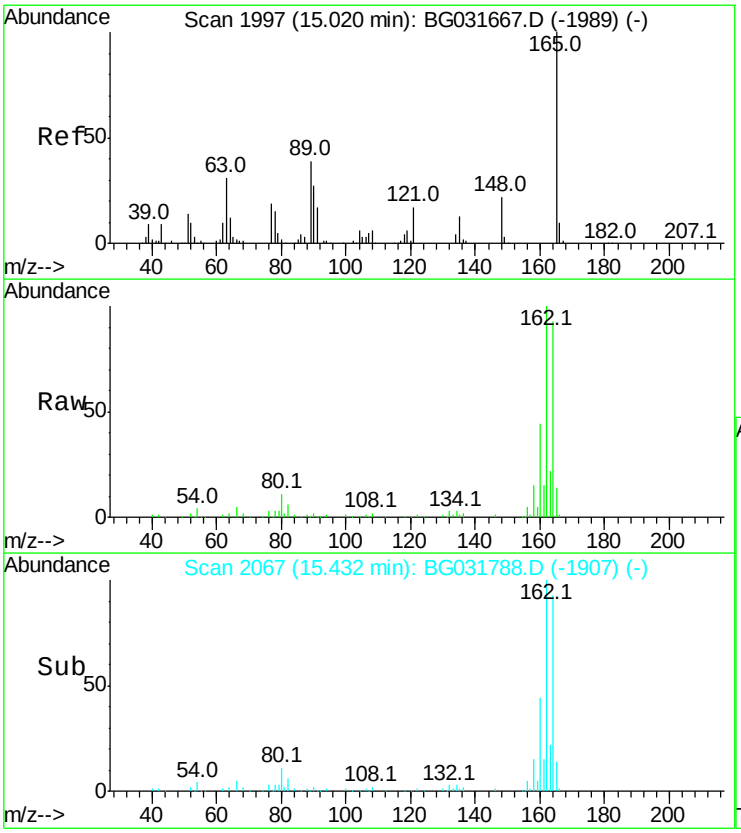
#44
2-Fluorobiphenyl
Concen: 81.953 ng
RT: 14.06 min Scan# 1834
Delta R.T. -0.04 min
Lab File: BG031788.D
Acq: 27 Dec 2017 8:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 862033

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	22.6	19.5	29.3

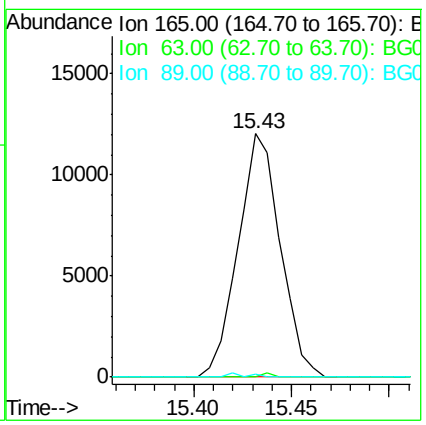


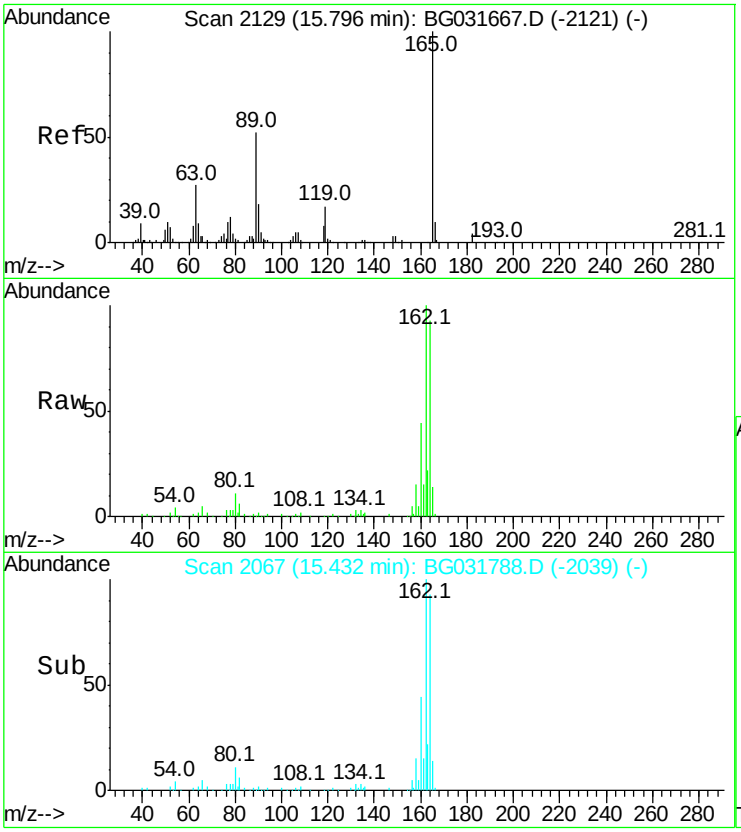


#50
2,6-Dinitrotoluene
Concen: 8.397 ng
RT: 15.43 min Scan# 2067
Delta R.T. 0.41 min
Lab File: BG031788.D
Acq: 27 Dec 2017 8:23

Tgt Ion:165 Resp: 17967

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.3	49.2	73.8#



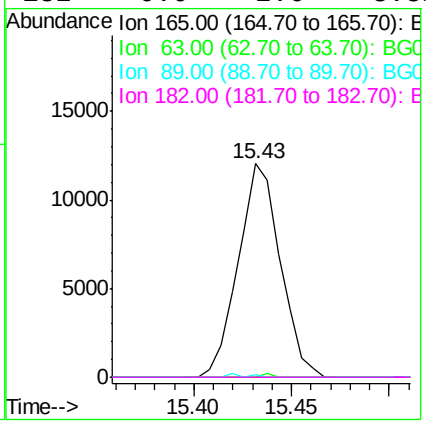


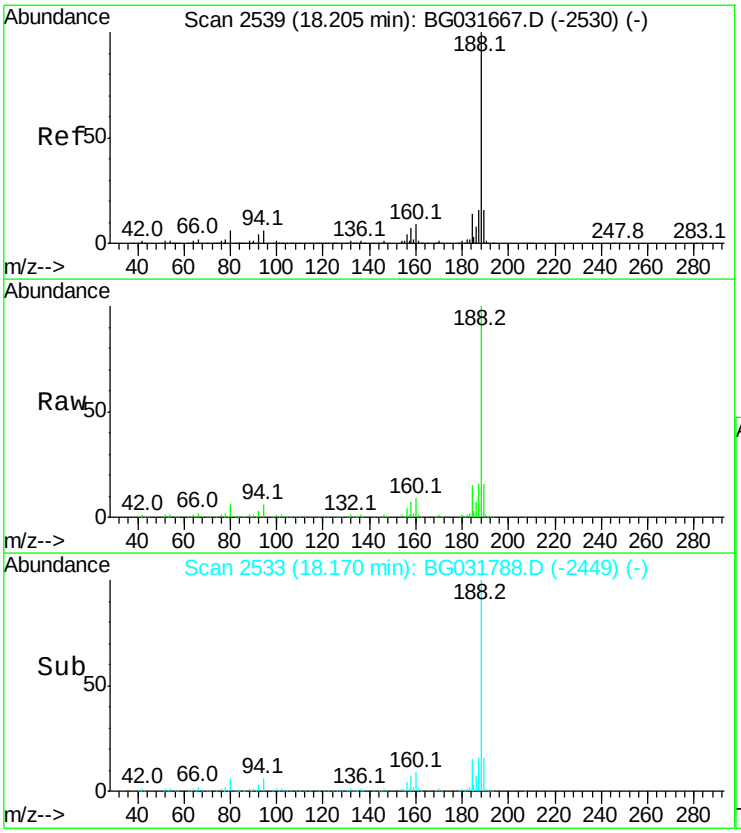
#56
2,4-Dinitrotoluene
Concen: 6.531 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.36 min
Lab File: BG031788.D
Acq: 27 Dec 2017 8:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17967

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

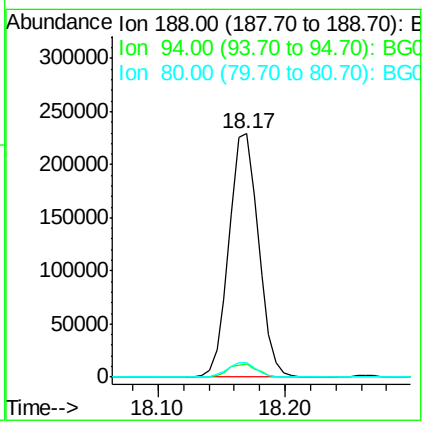


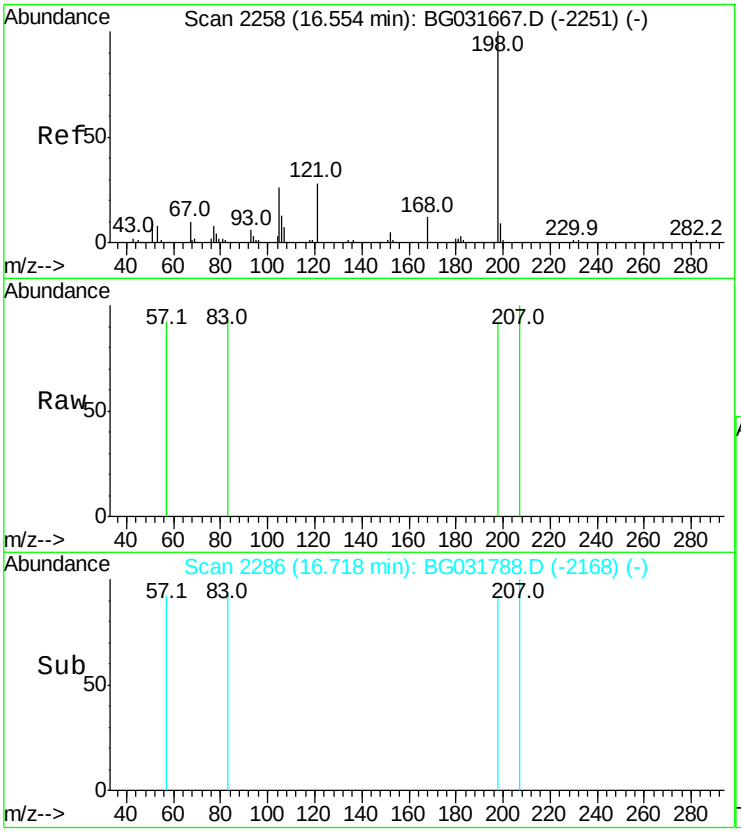


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2533
Delta R.T. -0.04 min
Lab File: BG031788.D
Acq: 27 Dec 2017 8:23

Tgt Ion:188 Resp: 367992

Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	6.1	7.7	11.5#



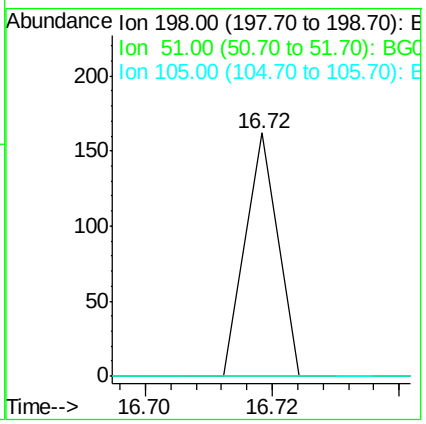


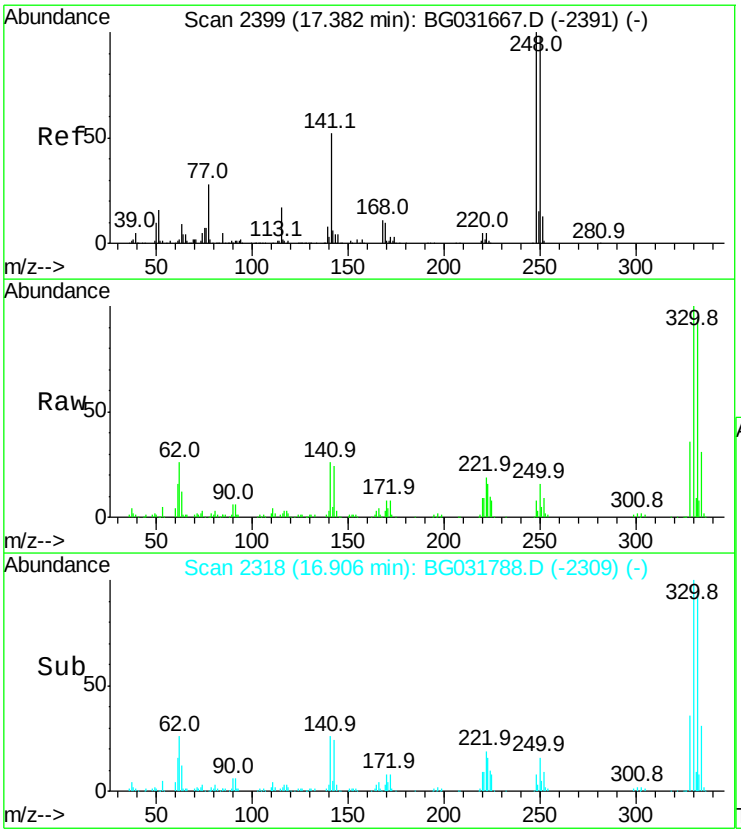
#64
4,6-Dinitro-2-methylphenol
Concen: 8.332 ng
RT: 16.72 min Scan# 2286
Delta R.T. 0.17 min
Lab File: BG031788.D
Acq: 27 Dec 2017 8:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 57

Ion	Ratio	Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	0.0	23.8	63.8#

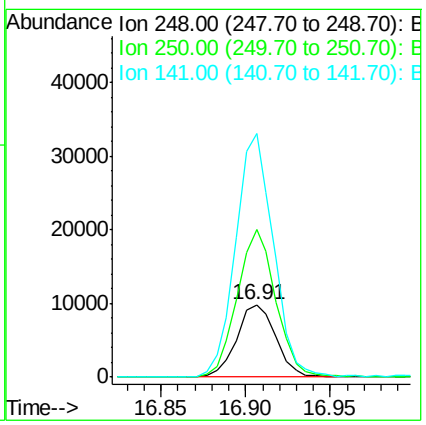


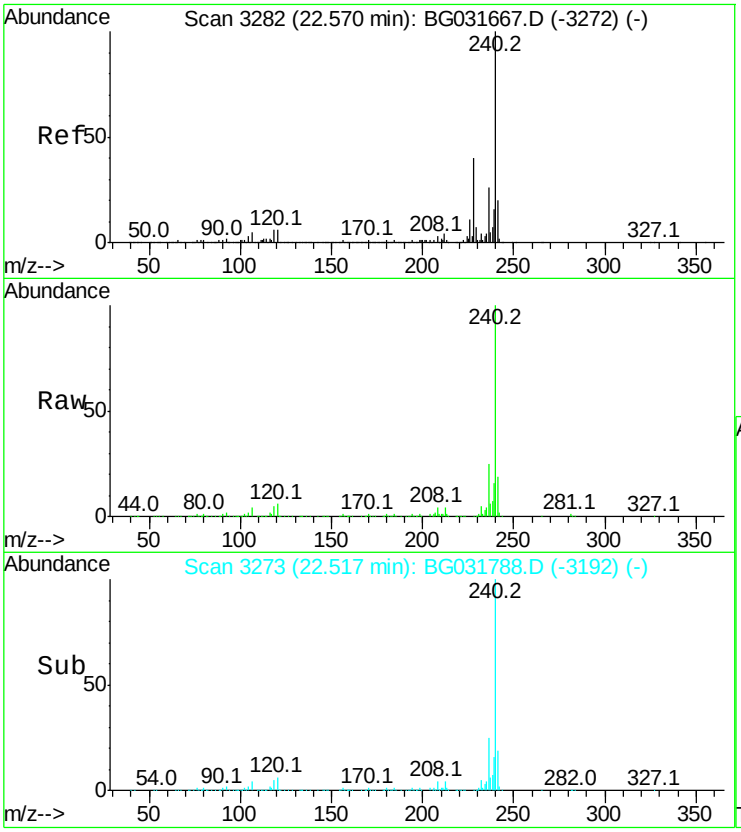


#66
4-Bromophenyl-phenylether
Concen: 2.991 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.48 min
Lab File: BG031788.D
Acq: 27 Dec 2017 8:23

Tgt Ion:248 Resp: 15917

Ion	Ratio	Lower	Upper
248	100		
250	203.8	77.1	115.7#
141	335.0	50.8	76.2#



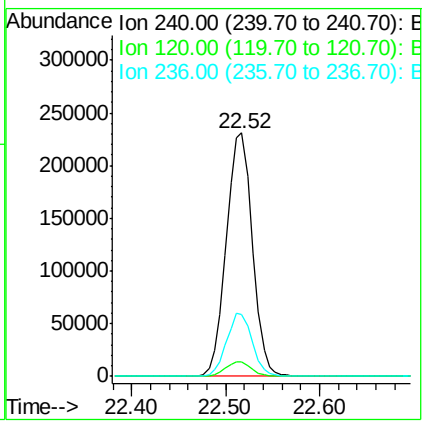


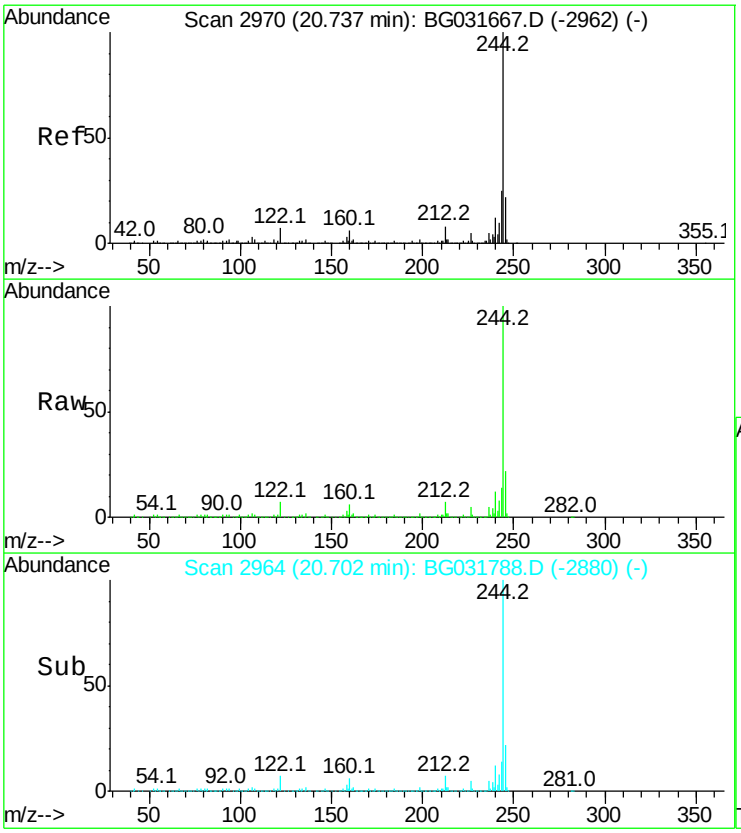
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.52 min Scan# 3273
Delta R.T. -0.05 min
Lab File: BG031788.D
Acq: 27 Dec 2017 8:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 444299

Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	25.4	20.9	31.3

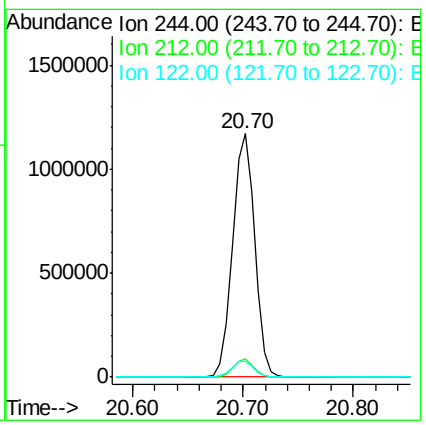


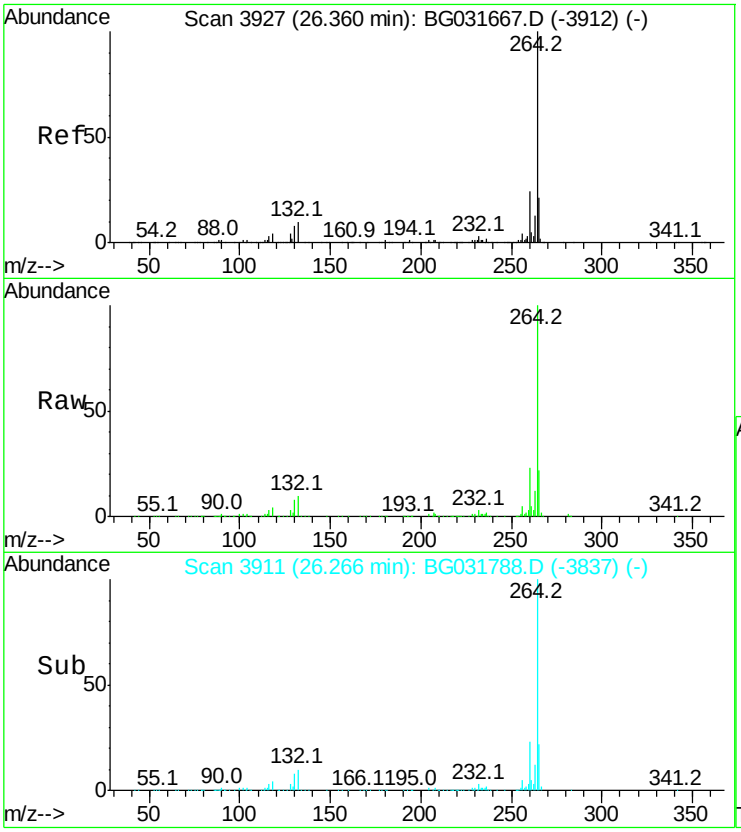


#78
Terphenyl-d14
Concen: 84.483 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.04 min
Lab File: BG031788.D
Acq: 27 Dec 2017 8:23

Tgt Ion:244 Resp: 1642948

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	6.6	7.0	10.4#

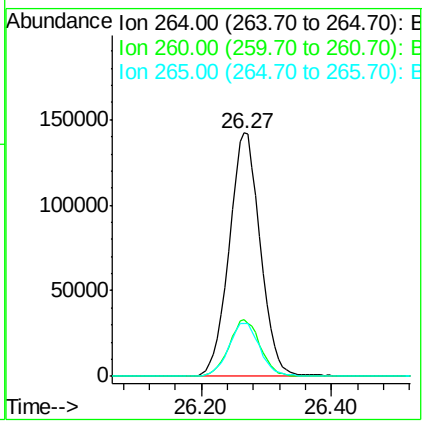




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.27 min Scan# 3911
Delta R.T. -0.09 min
Lab File: BG031788.D
Acq: 27 Dec 2017 8:23

Tgt Ion:264 Resp: 471435

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.6	17.7	26.5



Instrument :
BNA_G
ClientSampleId :