Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010918\
Data File : BG031970.D
Acq On : 10 Jan 2018 7:03
Operator : SJ/JU
Sample : J1044-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 10 08:04:45 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	59834	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	244093	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	169496	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	424178	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	481686	20.00	ng	-0.04
86) Perylene-d12	26.21	264	477543	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	404821	123.23	ng	0.00
7) Phenol-d6	7.89	99	462247	108.38	ng	0.00
23) Nitrobenzene-d5	9.98	82	340998	105.49	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	383507	148.29	ng	-0.02
44) 2-Fluorobiphenyl	14.04	172	1192266	88.29	ng	-0.01
78) Terphenyl-d14	20.67	244	2035322	96.54	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.98	70	44522	15.285	ng	# 71
31) Naphthalene	11.71	128	65671	5.331	ng	# 95
50) 2,6-Dinitrotoluene	15.41	165	20837	7.586	ng	# 19
56) 2,4-Dinitrotoluene	15.41	165	20837	5.899	ng	# 17
59) Diethylphthalate	16.18	149	38526	2.647	ng	95
64) 4,6-Dinitro-2-methylphenol	16.89	198	876	8.657	ng	# 14
66) 4-Bromophenyl-phenylether	16.88	248	30363	4.950	ng	# 1

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

Quantitation Report (Not Reviewed)

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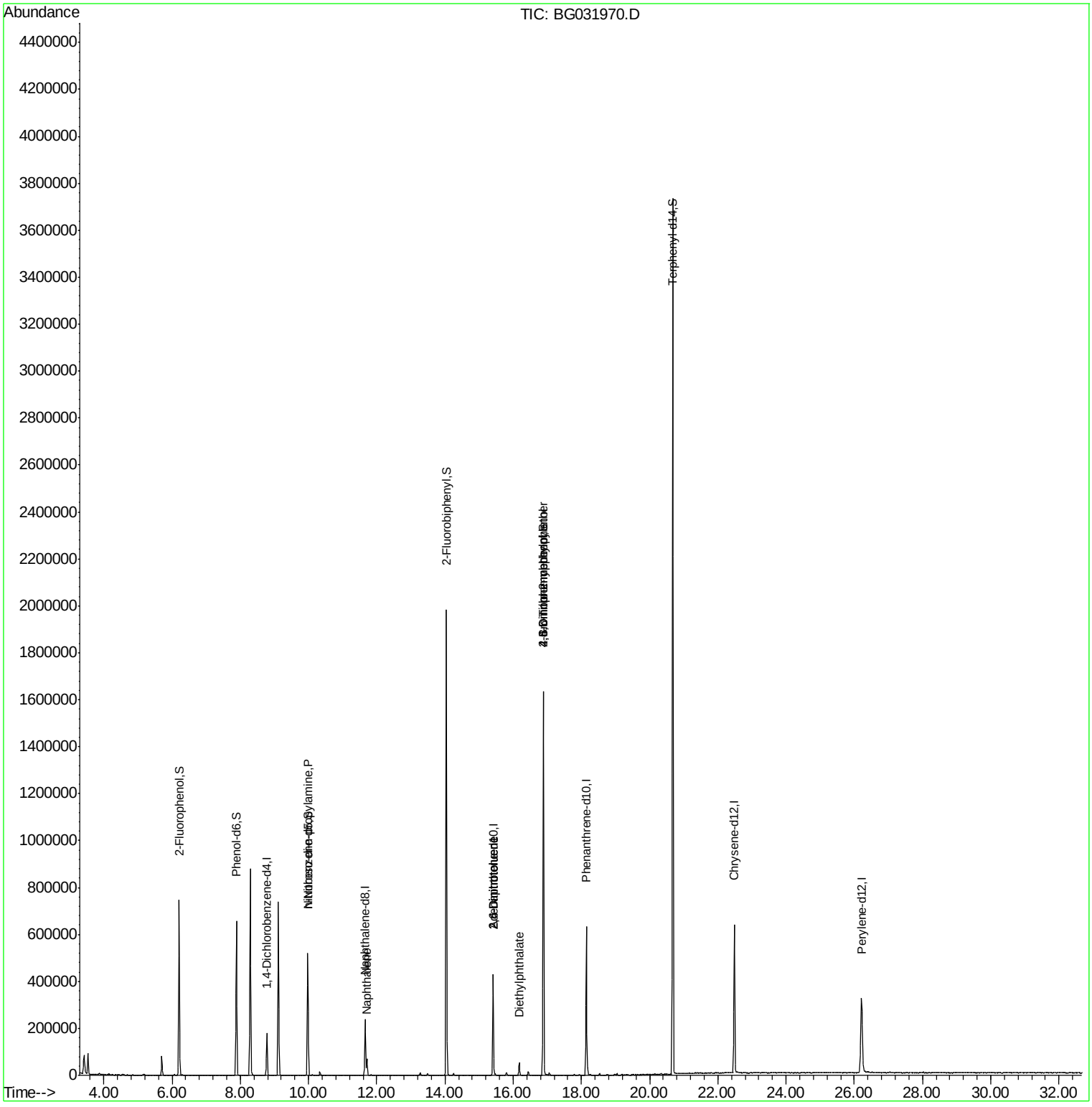
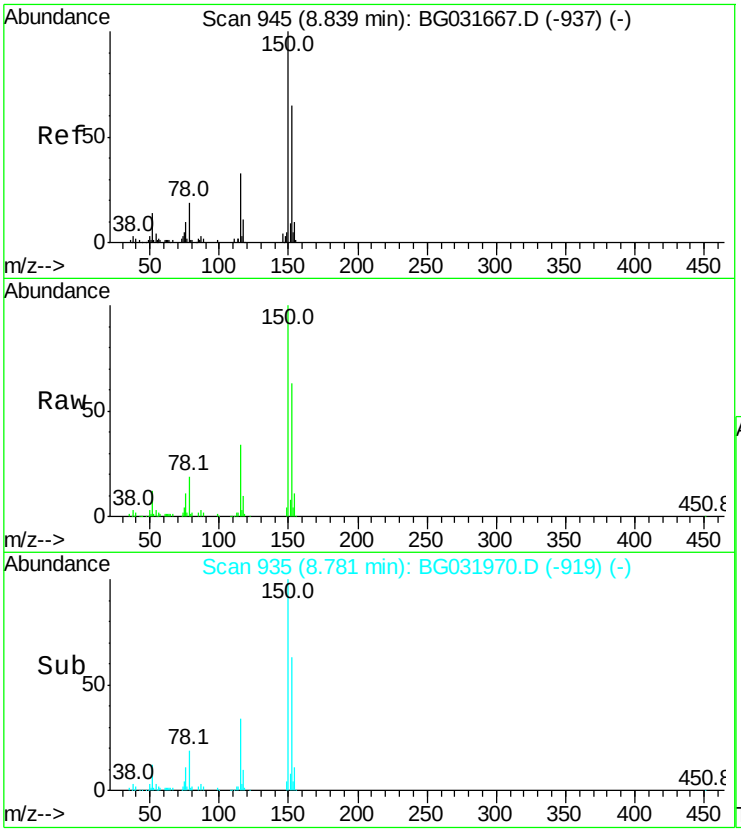


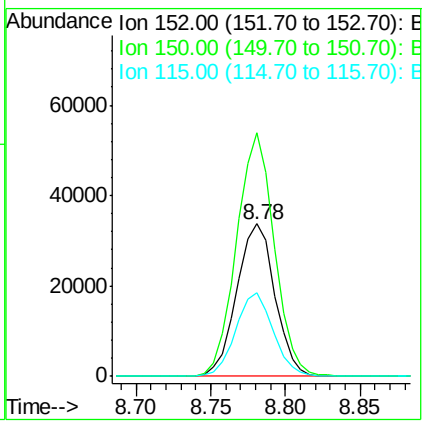


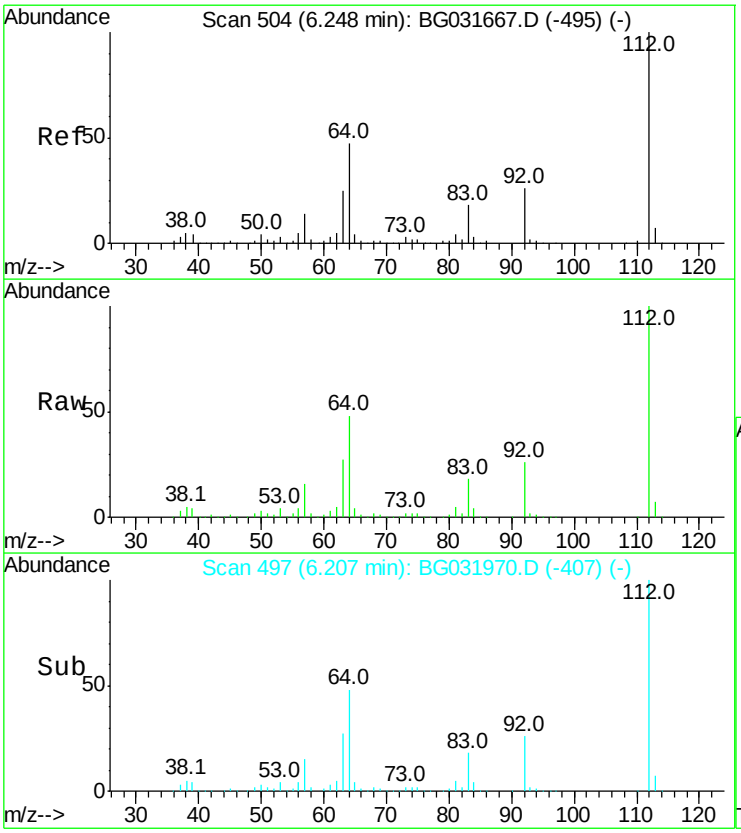
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 59834

Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.6	189.8
115	55.0	53.0	79.4

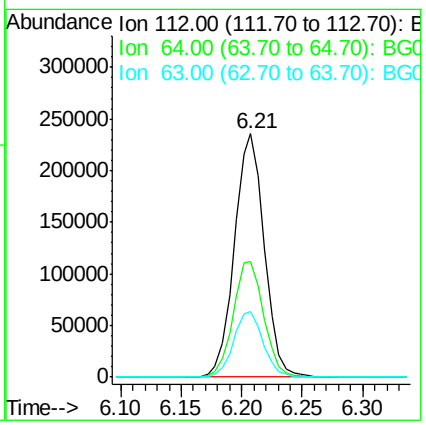


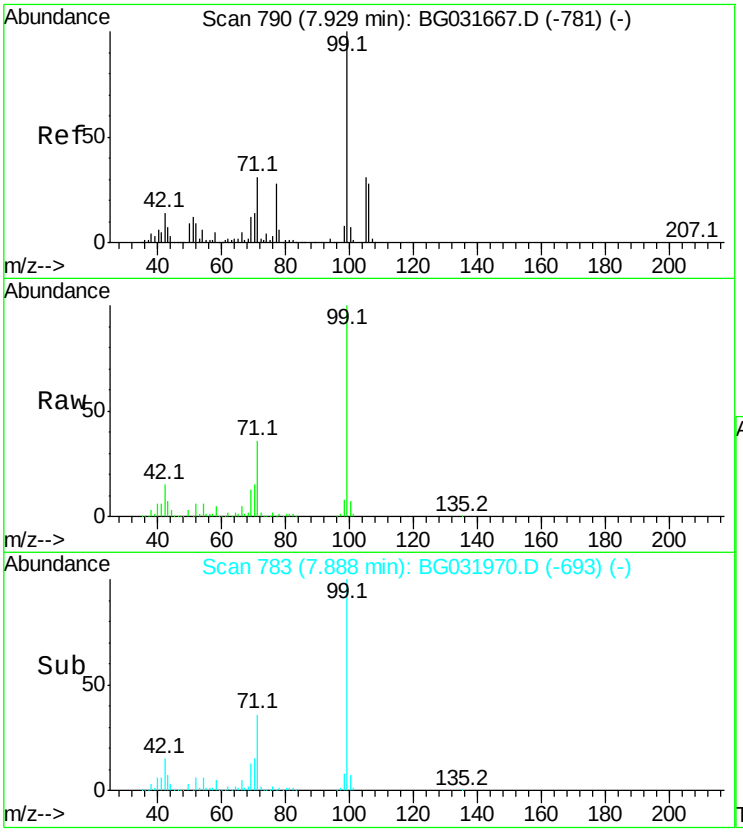


#5
2-Fluorophenol
Concen: 123.230 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Tgt Ion:112 Resp: 404821

Ion	Ratio	Lower	Upper
112	100		
64	47.5	56.3	84.5#
63	27.1	30.1	45.1#



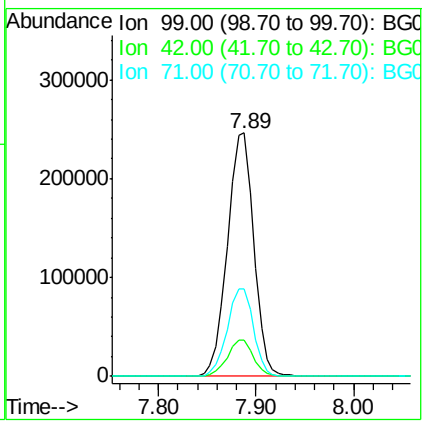


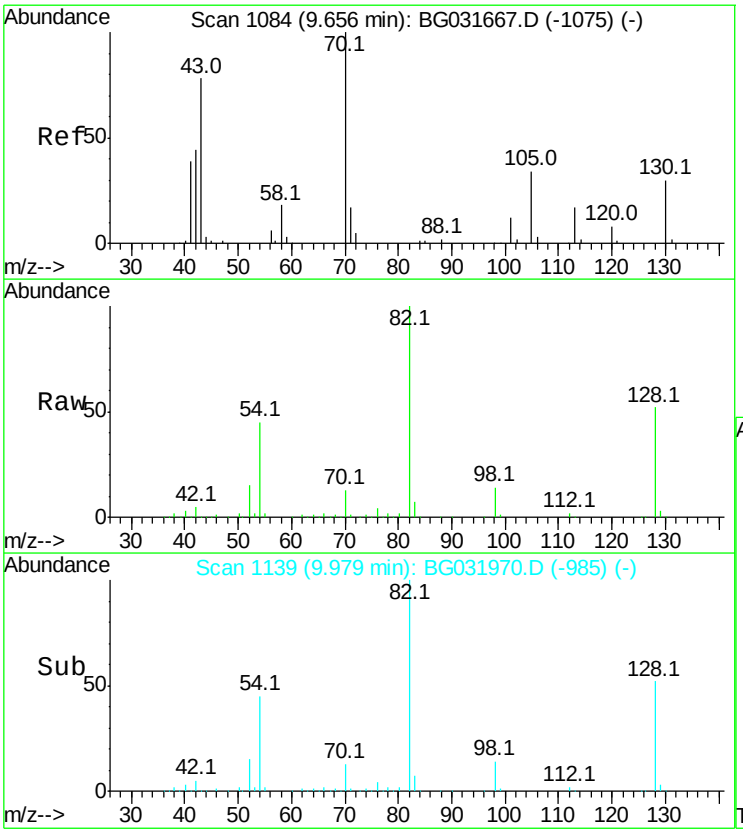
#7
Phenol-d6
Concen: 108.378 ng
RT: 7.89 min Scan# 783
Delta R.T. -0.00 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 462247

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.1	21.1
71	36.0	26.1	39.1

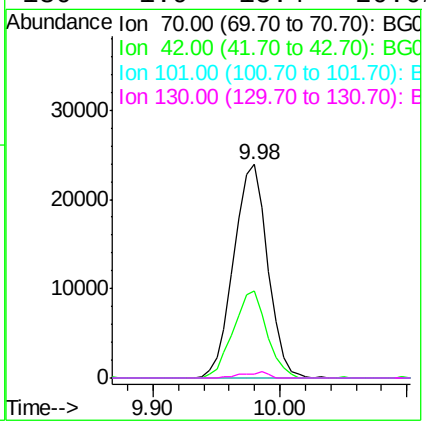


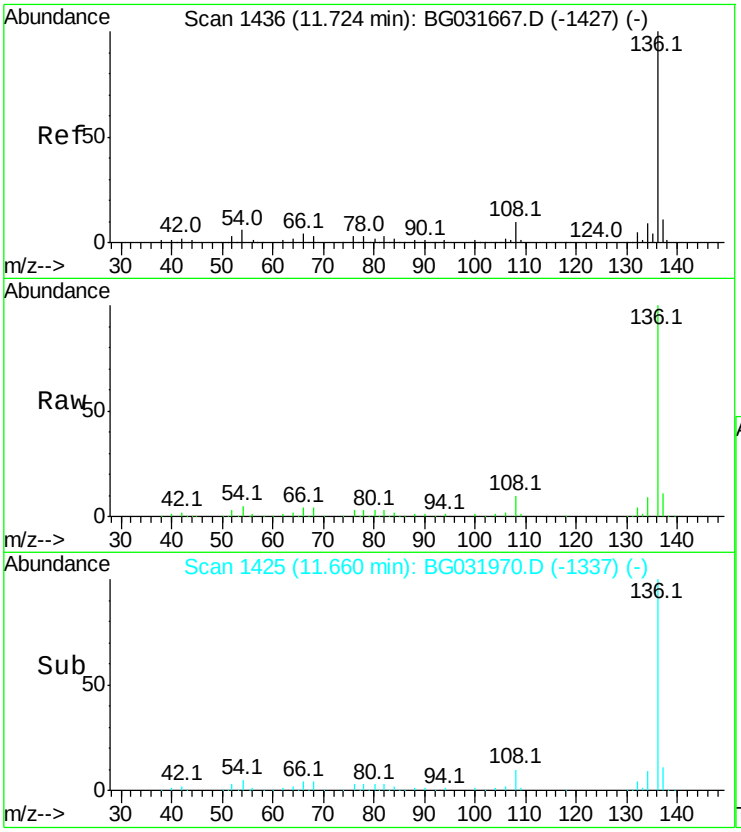


#19
n-Nitroso-di-n-propylamine
Concen: 15.285 ng
RT: 9.98 min Scan# 1139
Delta R.T. 0.37 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Tgt Ion: 70 Resp: 44522

Ion	Ratio	Lower	Upper
70	100		
42	40.6	49.1	73.7#
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#



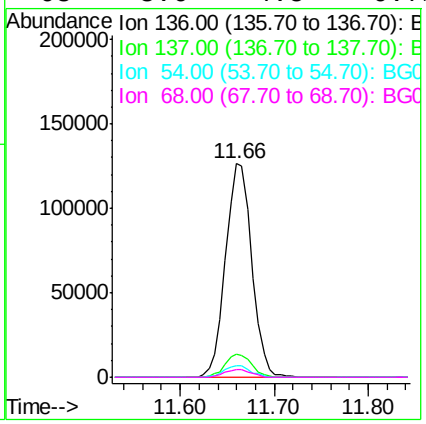


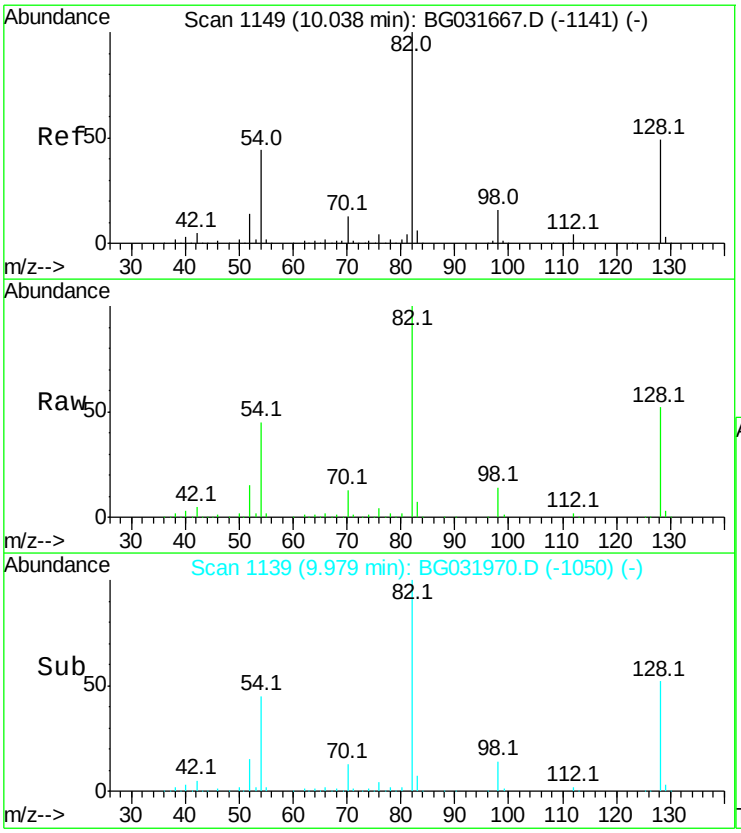
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 244093

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	5.3	10.3	15.5#
68	3.6	4.5	6.7#

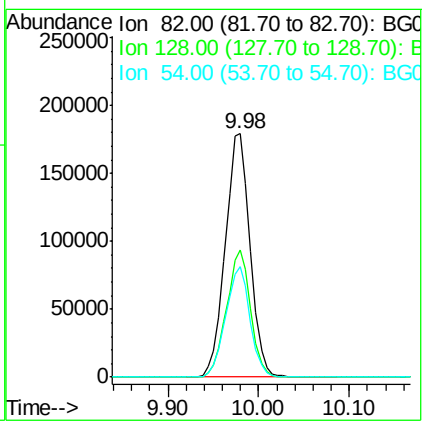


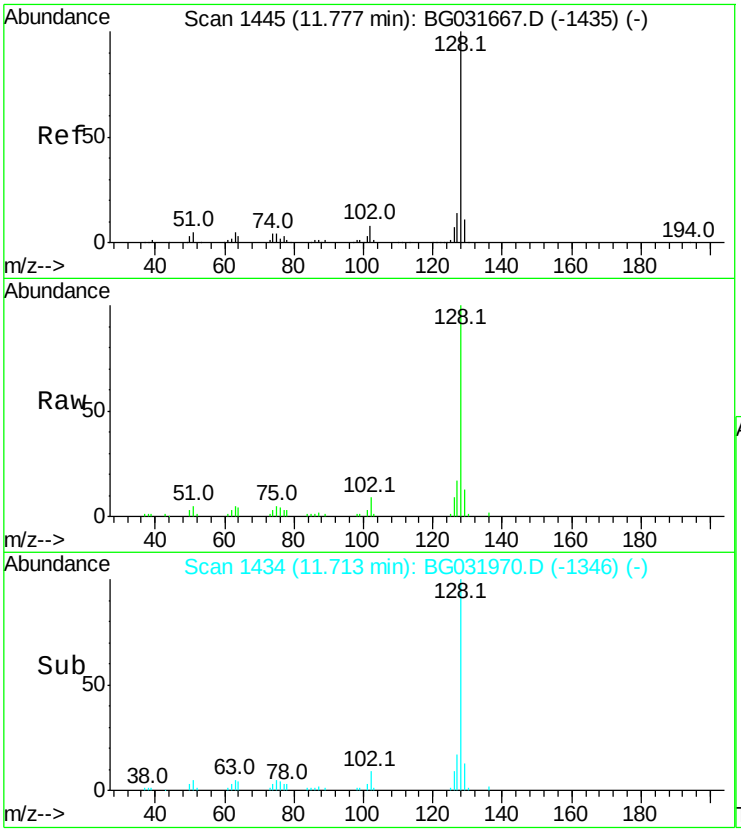


#23
Nitrobenzene-d5
Concen: 105.491 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Tgt Ion: 82 Resp: 340998

Ion	Ratio	Lower	Upper
82	100		
128	52.1	29.7	44.5#
54	45.2	43.1	64.7



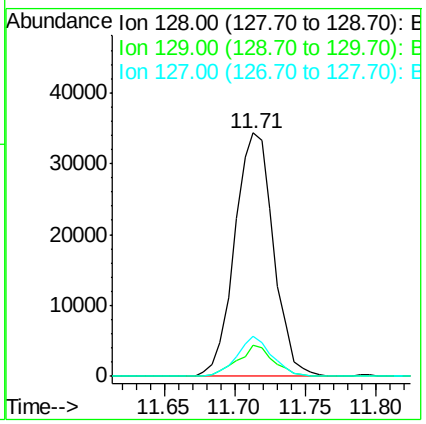


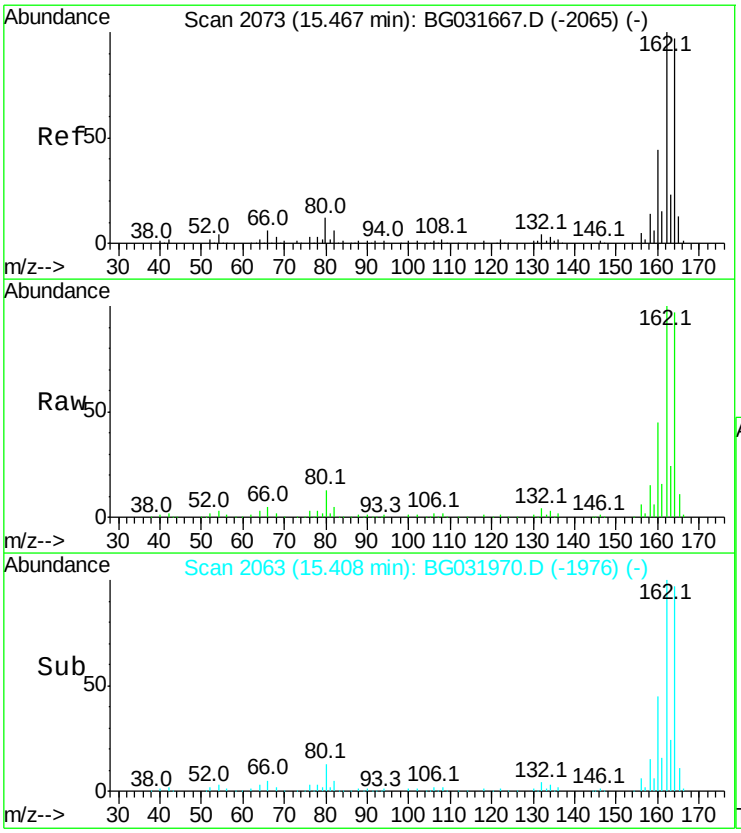
#31
Naphthalene
Concen: 5.331 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 65671

Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.6	12.8#
127	16.6	11.6	17.4

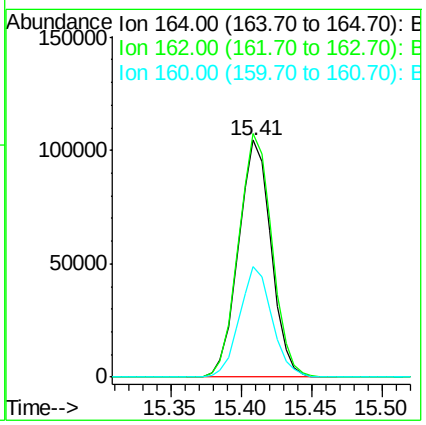


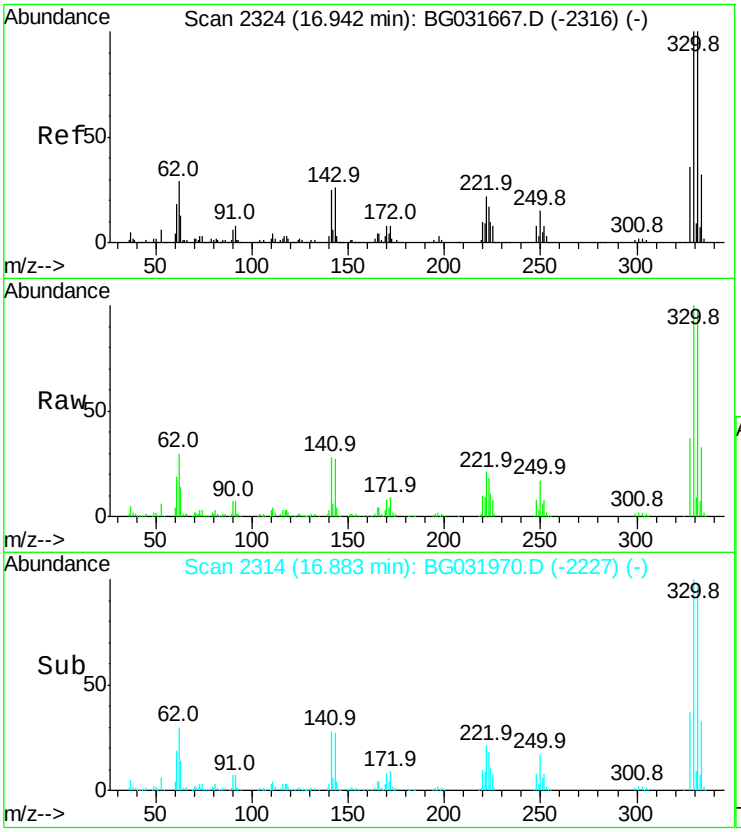


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Tgt Ion:164 Resp: 169496

Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.8	118.2
160	46.5	35.4	53.0



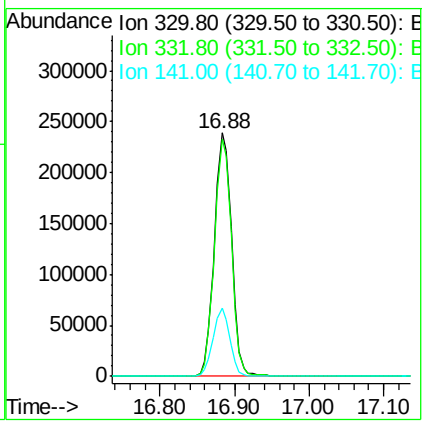


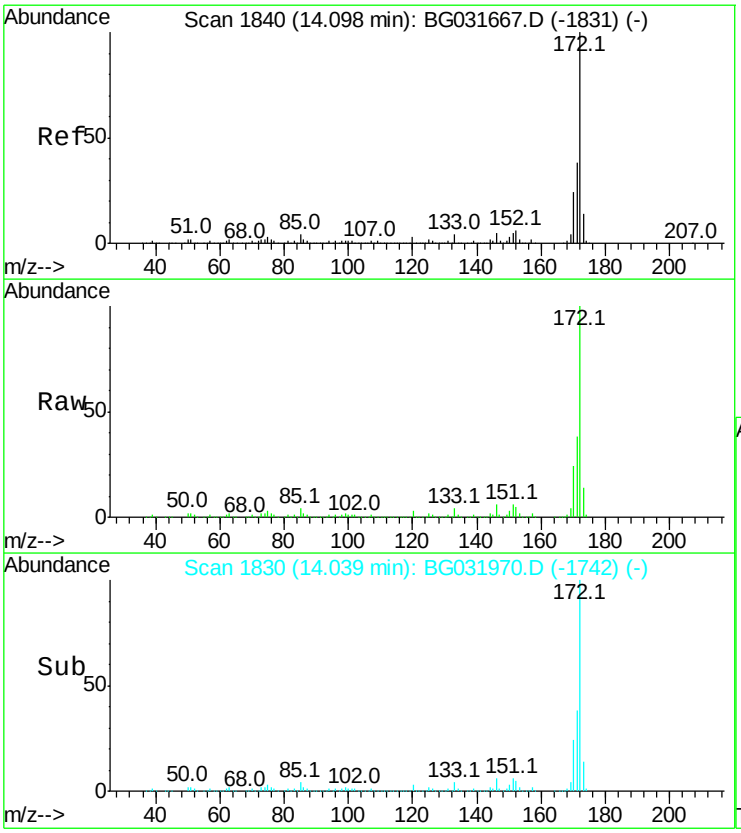
#41
2,4,6-Tribromophenol
Concen: 148.286 ng
RT: 16.88 min Scan# 2314
Delta R.T. -0.02 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 383507

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	27.3	25.2	37.8

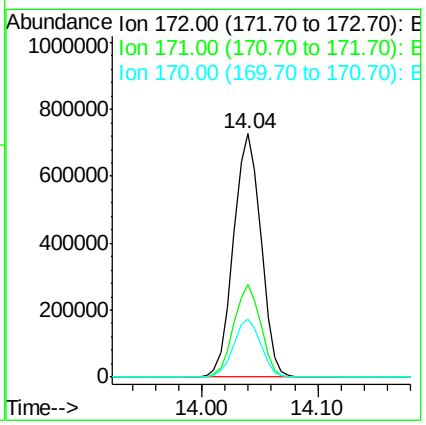


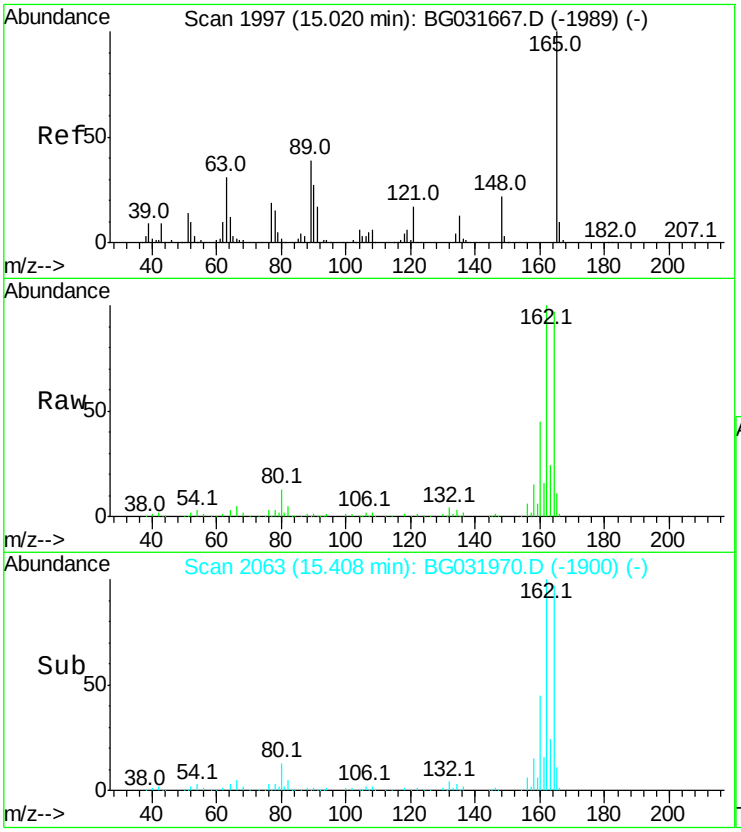


#44
2-Fluorobiphenyl
Concen: 88.288 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Tgt Ion:172 Resp: 1192266

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.7	19.5	29.3



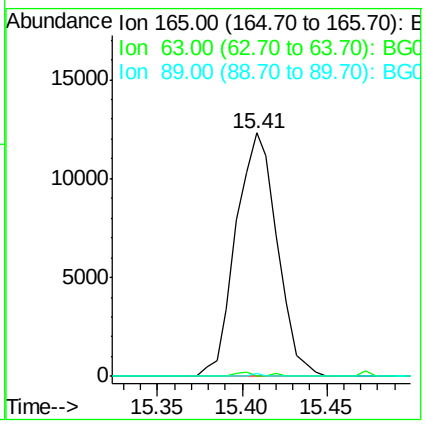


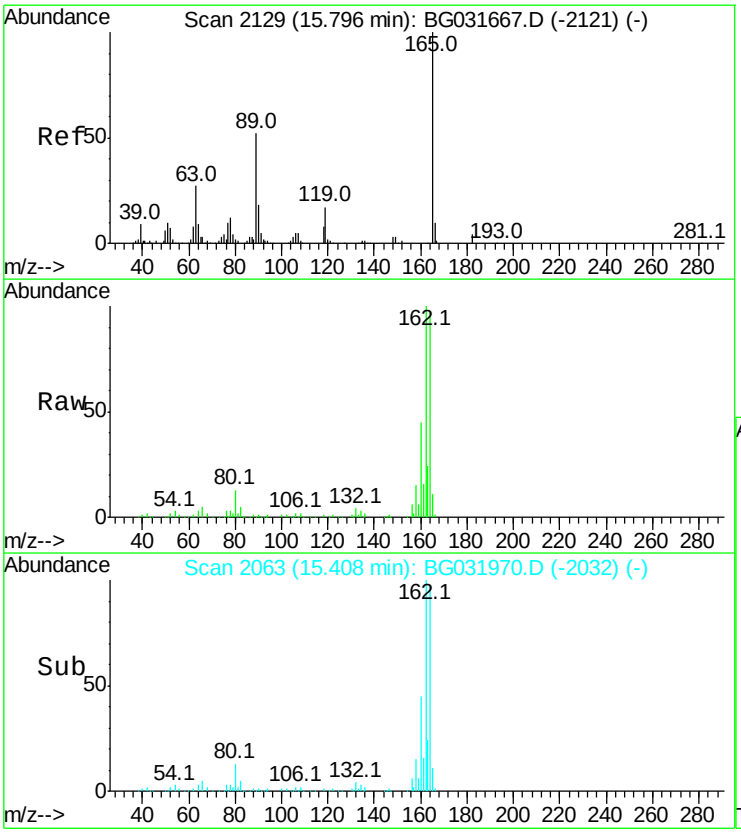
#50
2,6-Dinitrotoluene
Concen: 7.586 ng
RT: 15.41 min Scan# 2063
Delta R.T. 0.43 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20837

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.4	49.2	73.8#

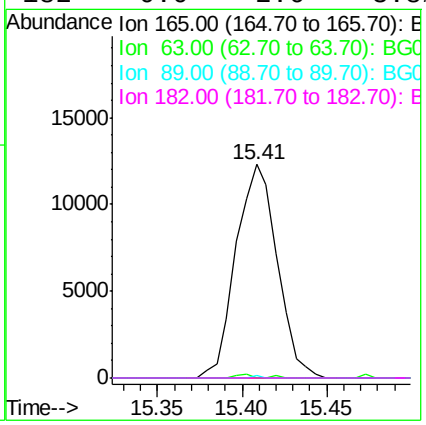


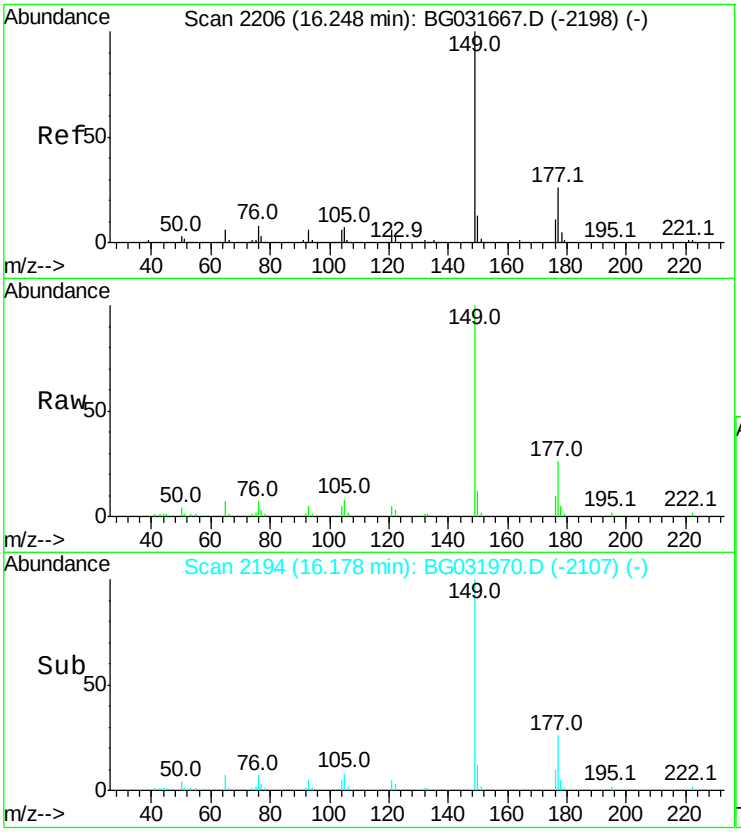


#56
2,4-Dinitrotoluene
Concen: 5.899 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.35 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Tgt Ion:165 Resp: 20837

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.4	66.9	100.3#
182	0.0	2.6	3.8#



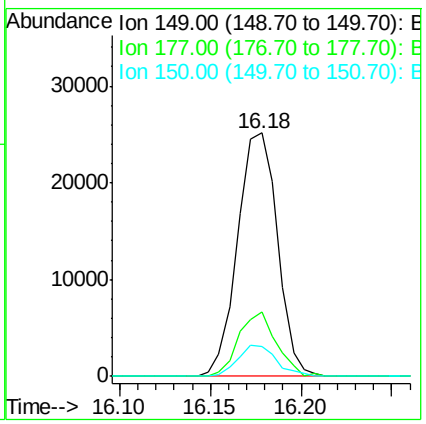


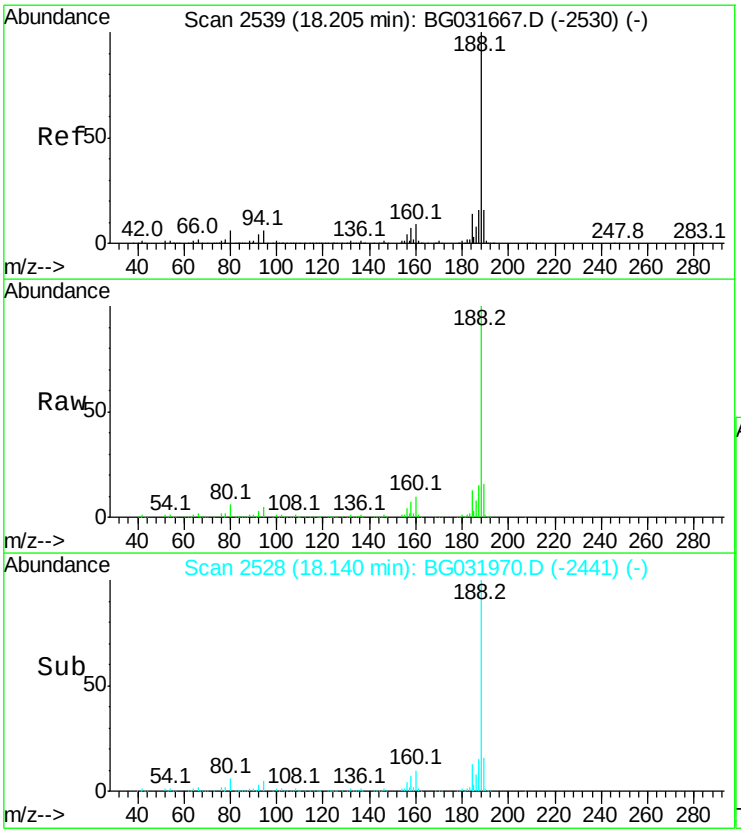
#59
Diethylphthalate
Concen: 2.647 ng
RT: 16.18 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 38526

Ion	Ratio	Lower	Upper
149	100		
177	26.3	18.5	27.7
150	12.2	10.2	15.2

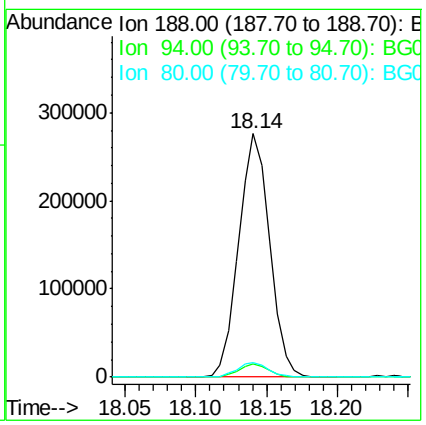


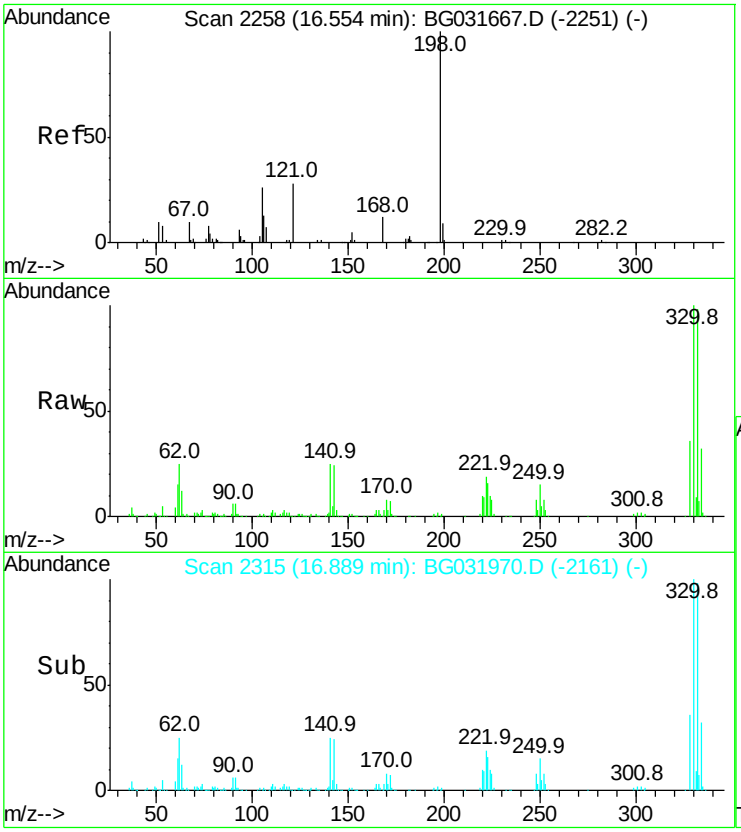


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Tgt Ion:188 Resp: 424178

Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	5.8	7.7	11.5#



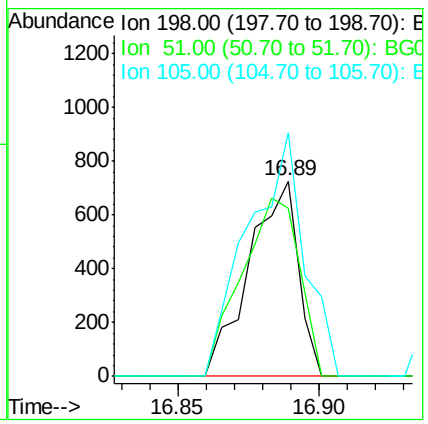


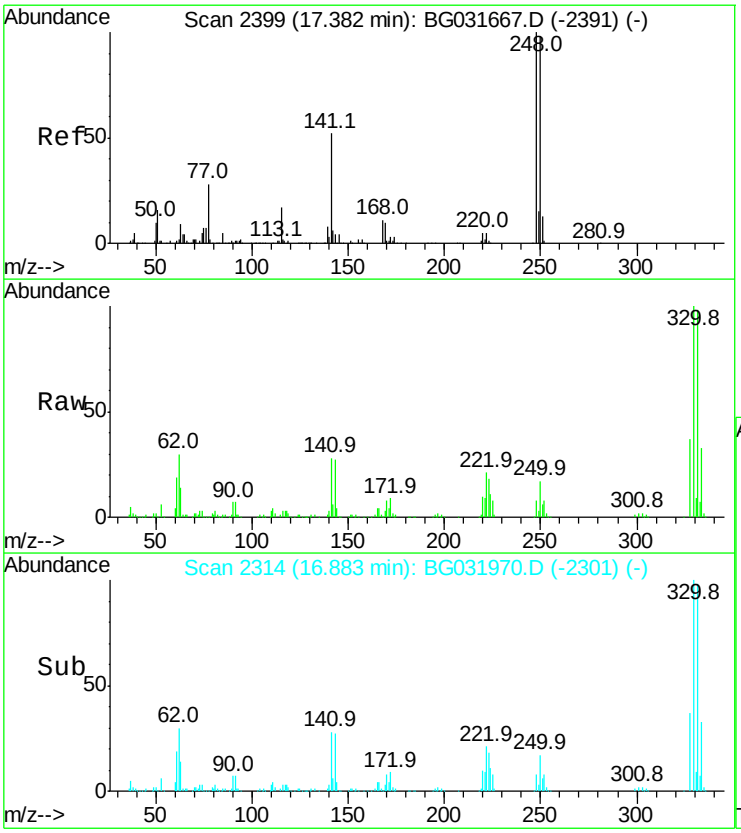
#64
4,6-Dinitro-2-methylphenol
Concen: 8.657 ng
RT: 16.89 min Scan# 2315
Delta R.T. 0.37 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 876

Ion	Ratio	Lower	Upper
198	100		
51	86.2	30.6	70.6#
105	124.5	23.8	63.8#

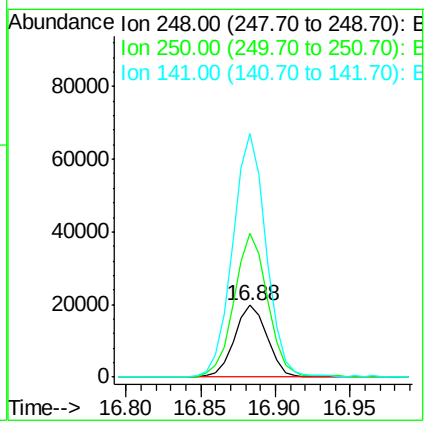


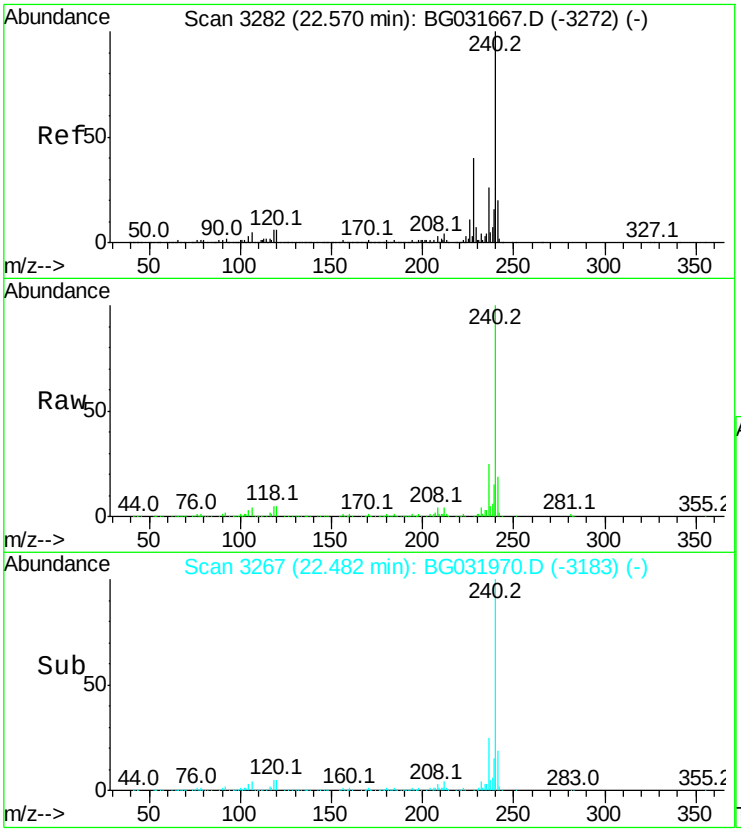


#66
4-Bromophenyl-phenylether
Concen: 4.950 ng
RT: 16.88 min Scan# 2314
Delta R.T. -0.45 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Tgt Ion:248 Resp: 30363

Ion	Ratio	Lower	Upper
248	100		
250	200.3	77.1	115.7#
141	339.7	50.8	76.2#



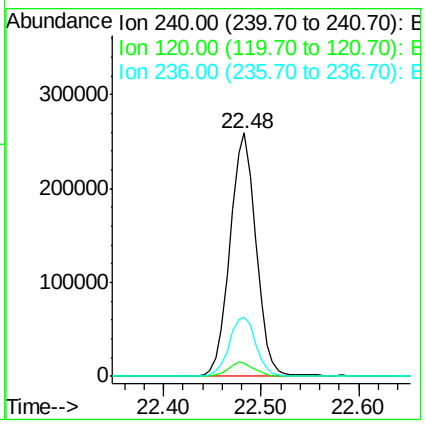


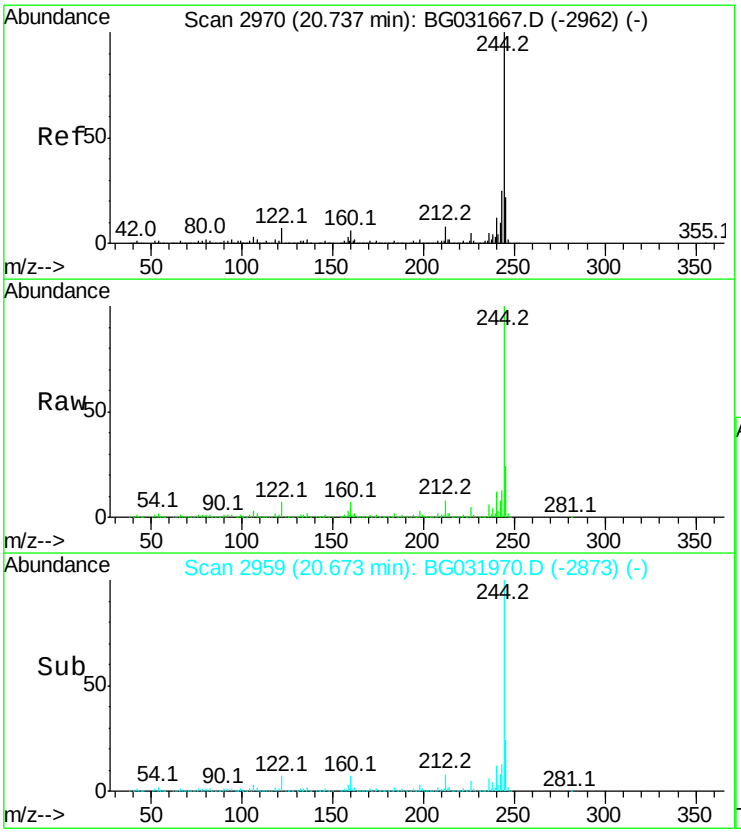
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3267
Delta R.T. -0.04 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 481686

Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.8	10.2#
236	24.6	20.9	31.3

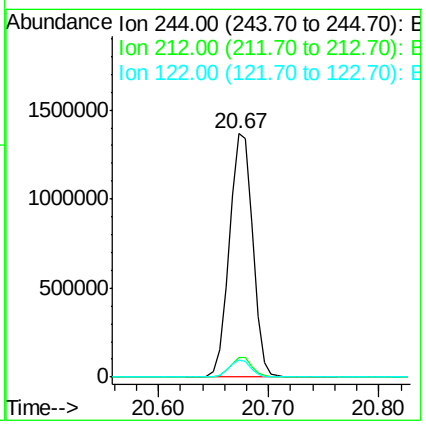


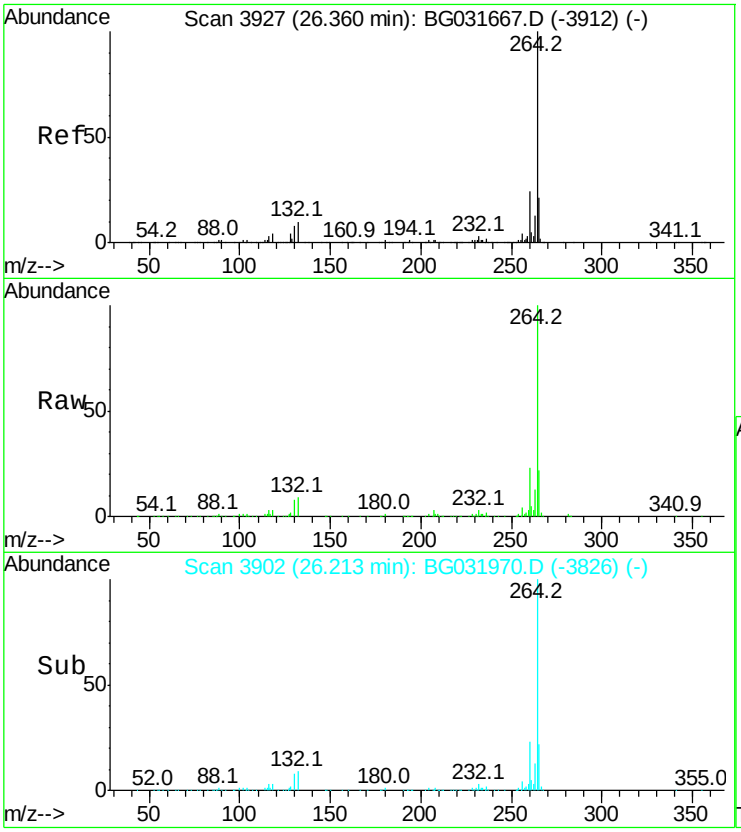


#78
Terphenyl-d14
Concen: 96.536 ng
RT: 20.67 min Scan# 2959
Delta R.T. -0.03 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Tgt Ion:244 Resp: 2035322

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	7.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.21 min Scan# 3902
Delta R.T. -0.08 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 477543

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.6	17.7	26.5