Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
Data File : BG033978.D
Acq On : 25 Apr 2018 7:29
Operator : SJ/JU
Sample : J2506-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 25 11:53:34 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	75503	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	309901	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	192590	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	491641	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	568259	20.00	ng	-0.02
86) Perylene-d12	24.52	264	578331	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	603020	127.51	ng	0.00
7) Phenol-d6	7.00	99	704461	102.13	ng	0.00
23) Nitrobenzene-d5	8.98	82	543537	99.81	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	344892	153.50	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1258881	96.02	ng	-0.02
78) Terphenyl-d14	19.85	244	2155765	85.23	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.00	77	1289	Below Cal	#	5
19) n-Nitroso-di-n-propylamine	8.98	70	75834	12.897	ng	# 77
27) 2,4-Dimethylphenol	9.84	122	9339	2.129	ng	# 1
32) Benzoic acid	9.84	122	9339	6.994	ng	88
50) 2,6-Dinitrotoluene	14.46	165	25721	8.011	ng	# 21
56) 2,4-Dinitrotoluene	14.46	165	25721	6.025	ng	# 18
64) 4,6-Dinitro-2-methylphenol	15.95	198	3832	7.889	ng	# 64
66) 4-Bromophenyl-phenylether	15.94	248	21751	4.029	ng	# 1

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

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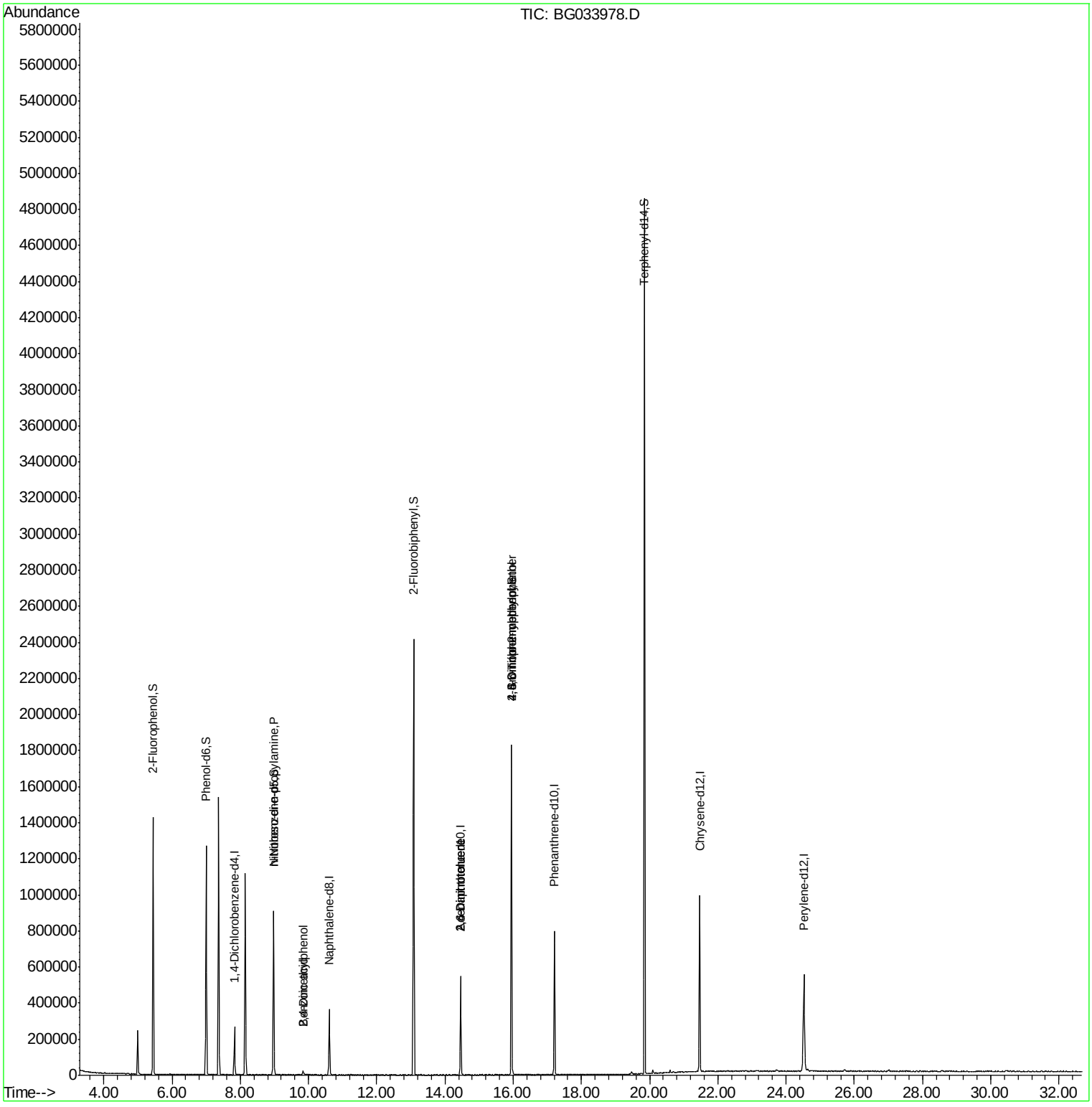
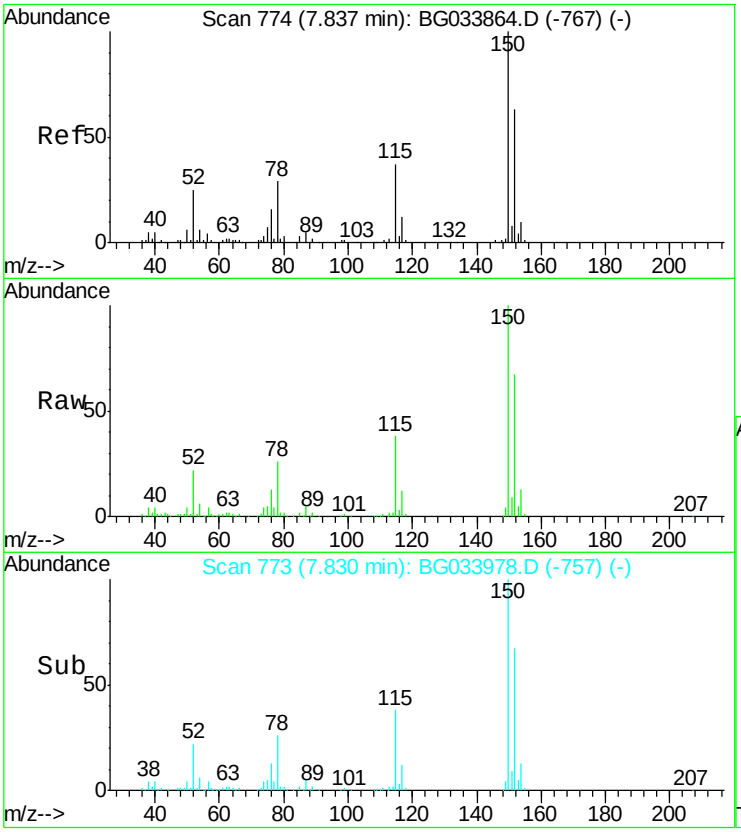


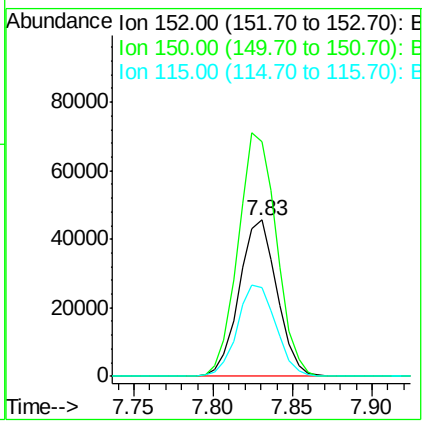


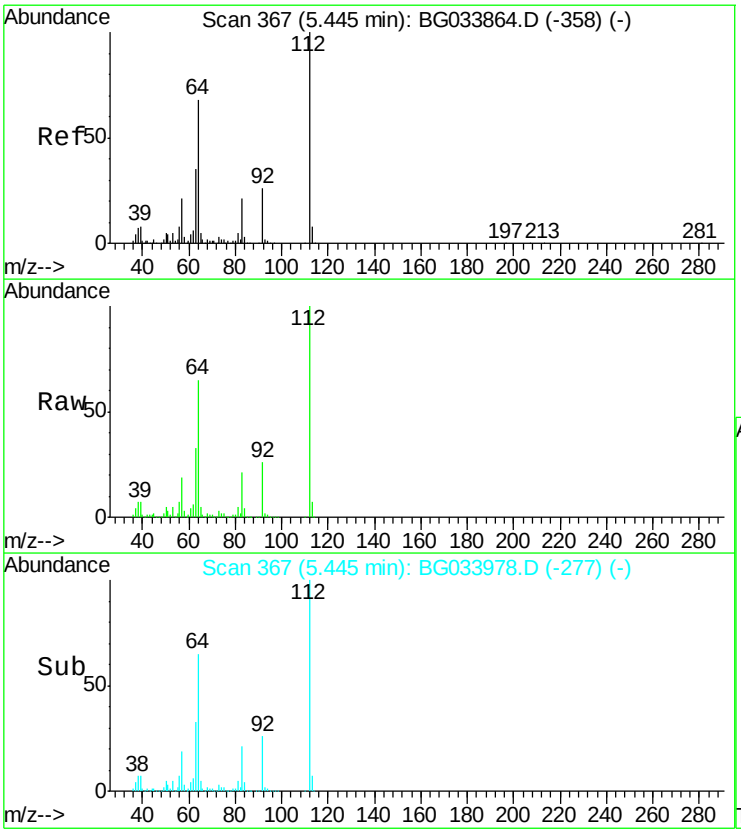
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033978.D
Acq: 25 Apr 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 75503

Ion	Ratio	Lower	Upper
152	100		
150	149.5	126.6	189.8
115	56.9	53.0	79.4

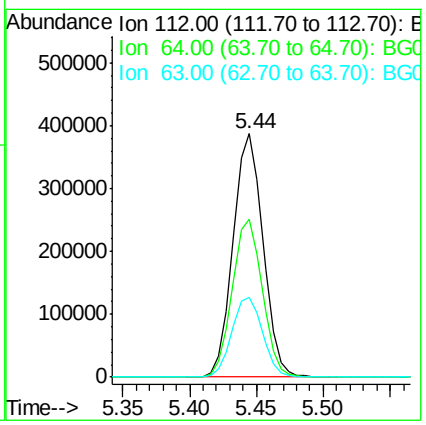


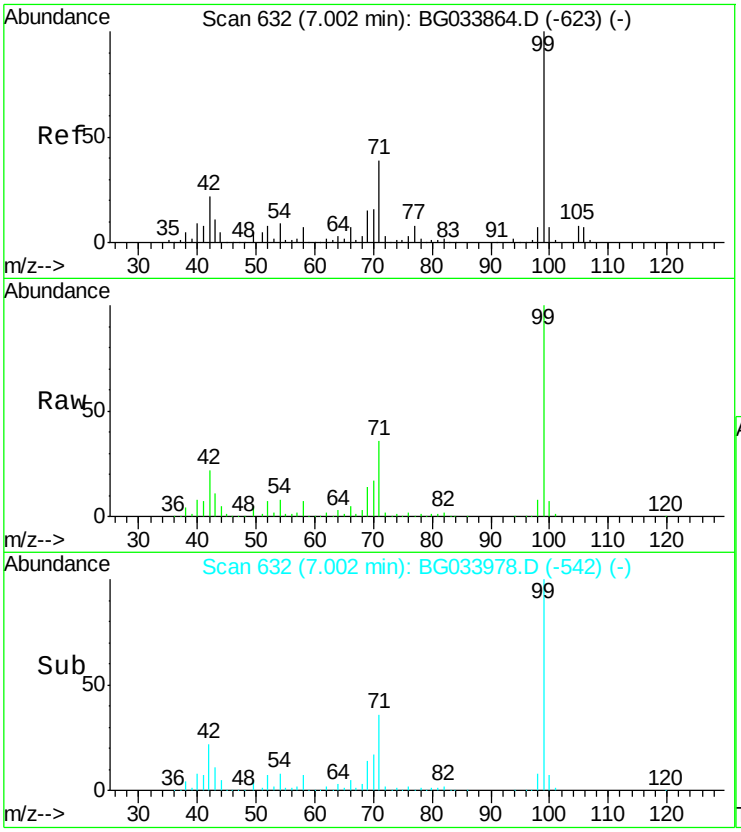


#5
2-Fluorophenol
Concen: 127.510 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033978.D
Acq: 25 Apr 2018 7:29

Tgt Ion:112 Resp: 603020

Ion	Ratio	Lower	Upper
112	100		
64	64.7	56.3	84.5
63	32.9	30.1	45.1



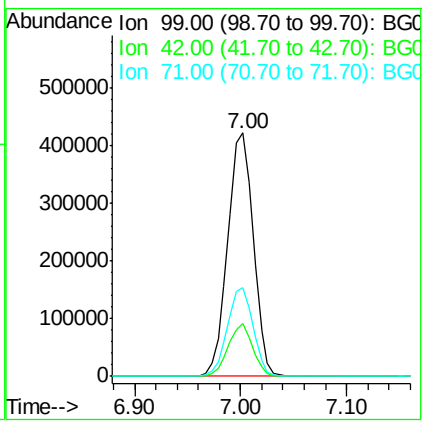


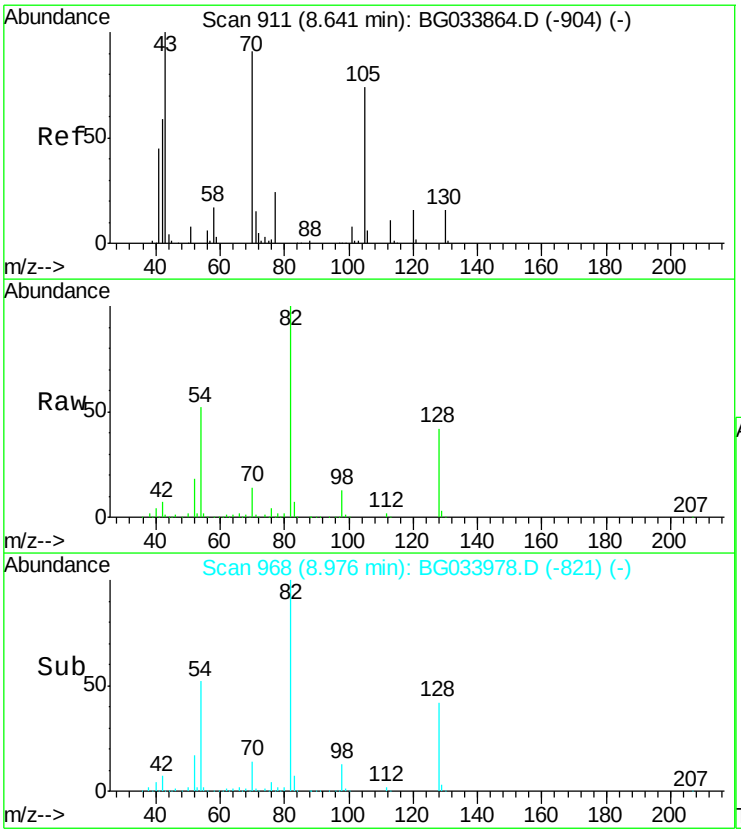
#7
Phenol-d6
Concen: 102.128 ng
RT: 7.00 min Scan# 632
Delta R.T. -0.00 min
Lab File: BG033978.D
Acq: 25 Apr 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 704461

Ion	Ratio	Lower	Upper
99	100		
42	21.7	14.1	21.1#
71	36.5	26.1	39.1

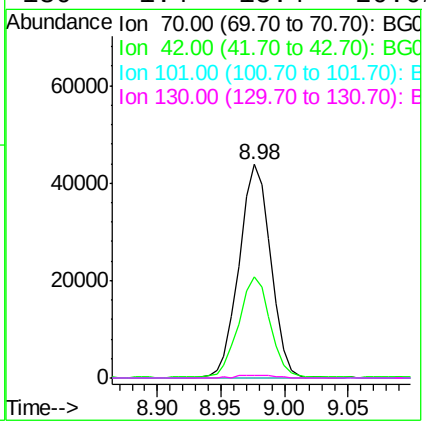


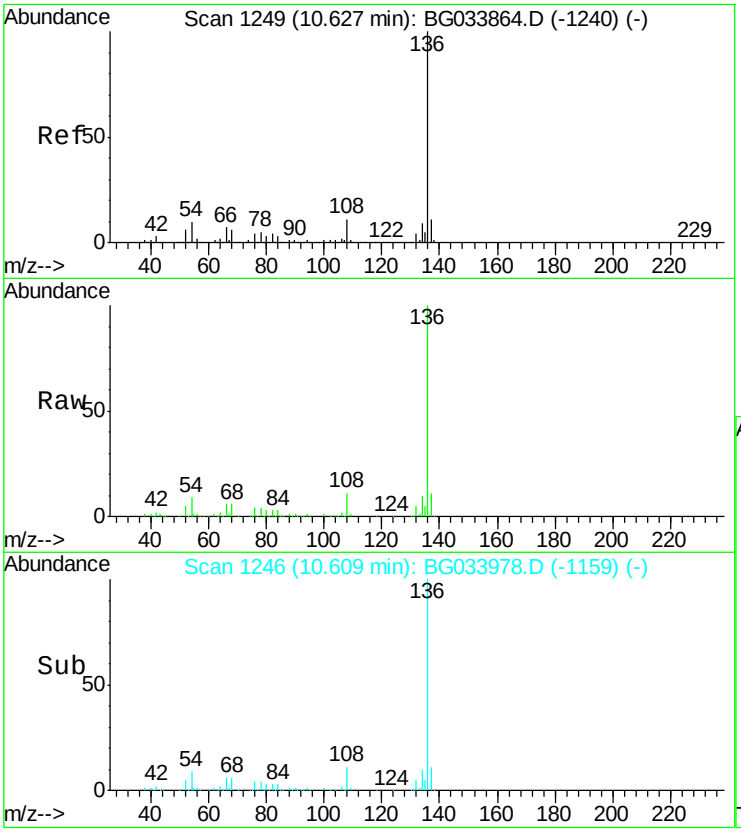


#19
n-Nitroso-di-n-propylamine
Concen: 12.897 ng
RT: 8.98 min Scan# 968
Delta R.T. 0.33 min
Lab File: BG033978.D
Acq: 25 Apr 2018 7:29

Tgt Ion: 70 Resp: 75834

Ion	Ratio	Lower	Upper
70	100		
42	47.6	49.1	73.7#
101	0.0	8.5	12.7#
130	1.4	13.4	20.0#



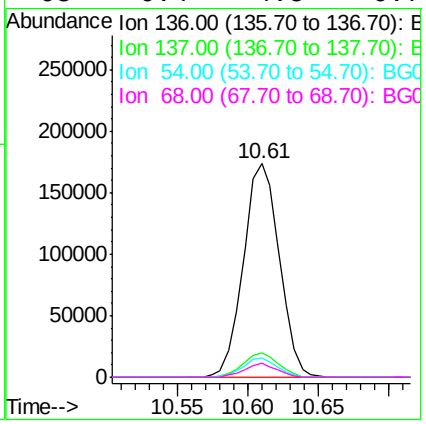


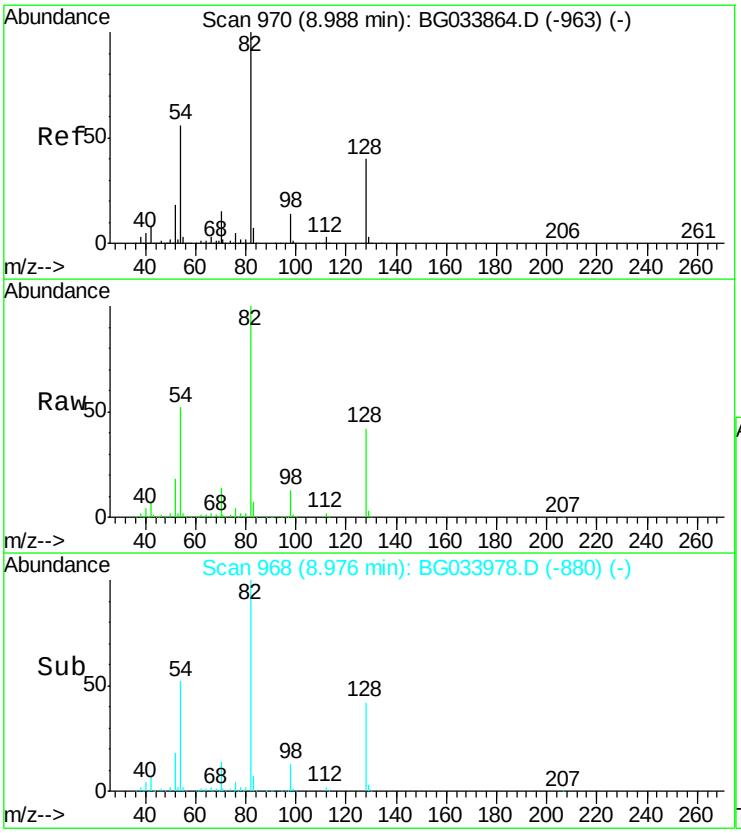
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033978.D
Acq: 25 Apr 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 309901

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	9.2	10.3	15.5#
68	6.4	4.5	6.7

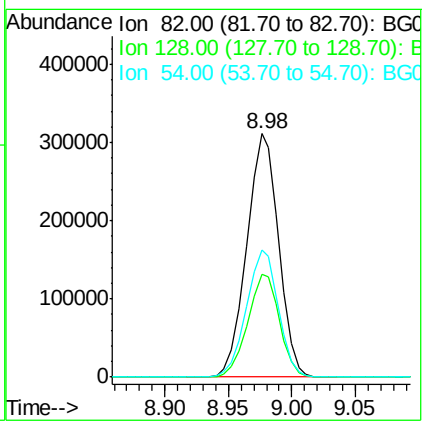


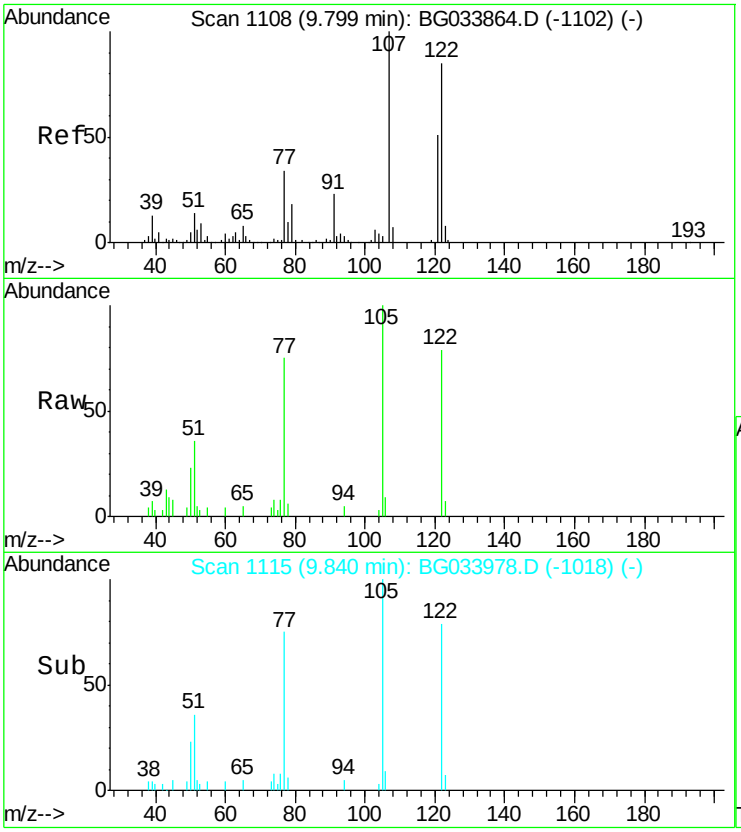


#23
Nitrobenzene-d5
Concen: 99.814 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033978.D
Acq: 25 Apr 2018 7:29

Tgt Ion: 82 Resp: 543537

Ion	Ratio	Lower	Upper
82	100		
128	42.3	29.7	44.5
54	52.2	43.1	64.7



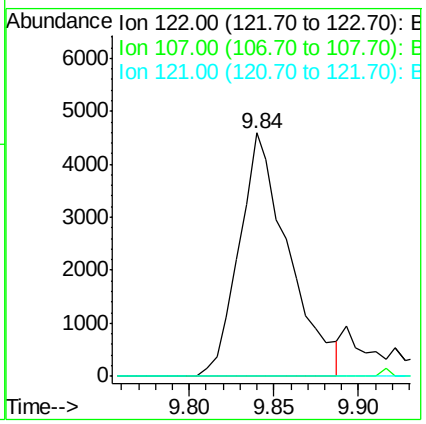


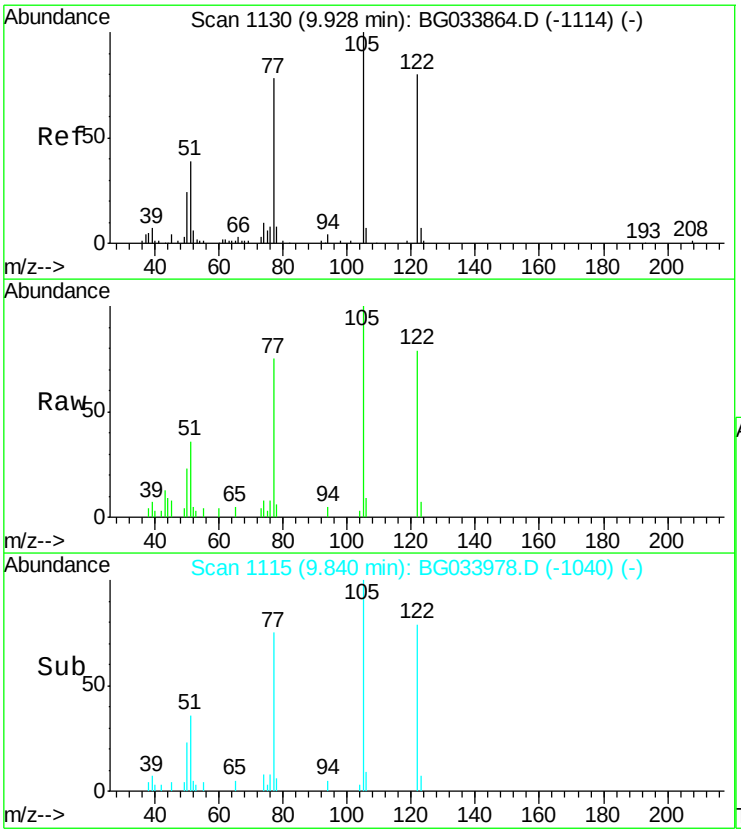
#27
2,4-Dimethylphenol
Concen: 2.129 ng
RT: 9.84 min Scan# 1115
Delta R.T. 0.04 min
Lab File: BG033978.D
Acq: 25 Apr 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 9339

Ion	Ratio	Lower	Upper
122	100		
107	0.0	100.2	150.2#
121	0.0	44.4	66.6#

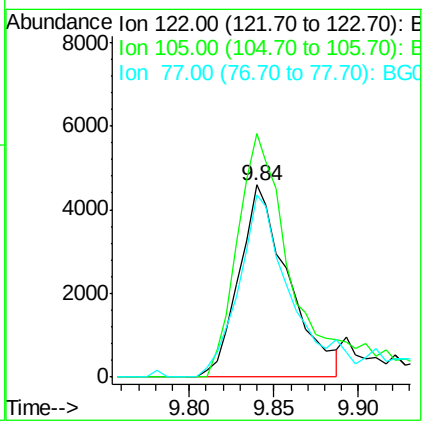


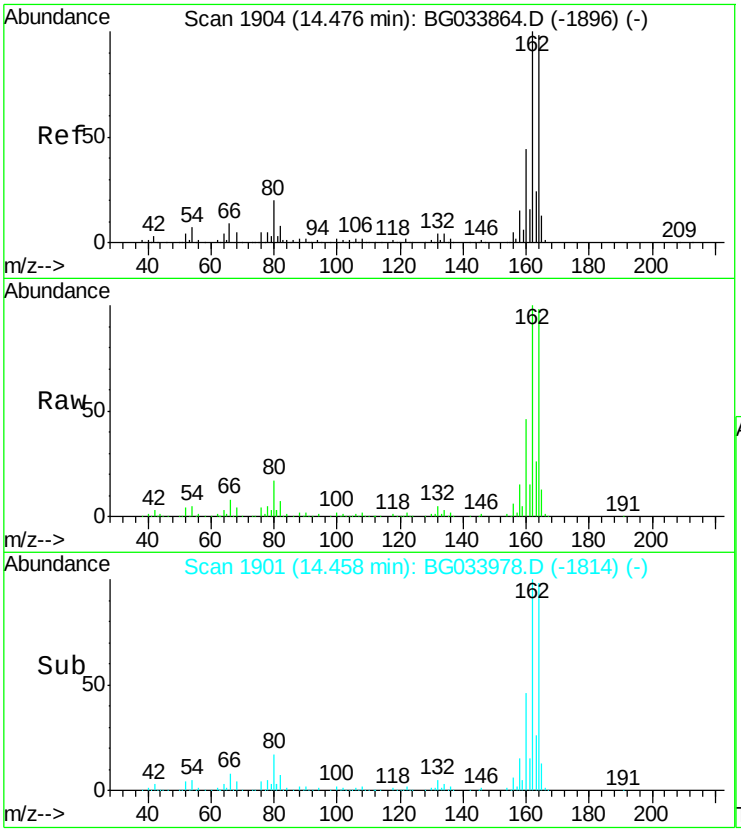


#32
Benzoic acid
Concen: 6.994 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.09 min
Lab File: BG033978.D
Acq: 25 Apr 2018 7:29

Tgt Ion:122 Resp: 9339

Ion	Ratio	Lower	Upper
122	100		
105	126.7	123.5	163.5
77	94.9	85.7	125.7



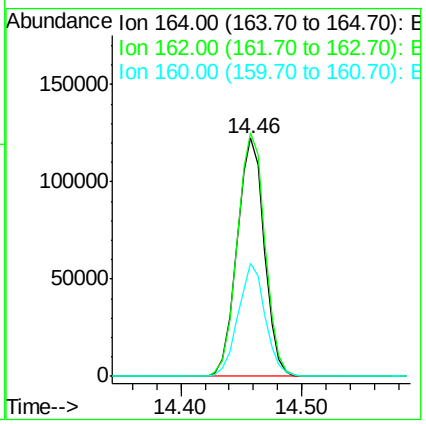


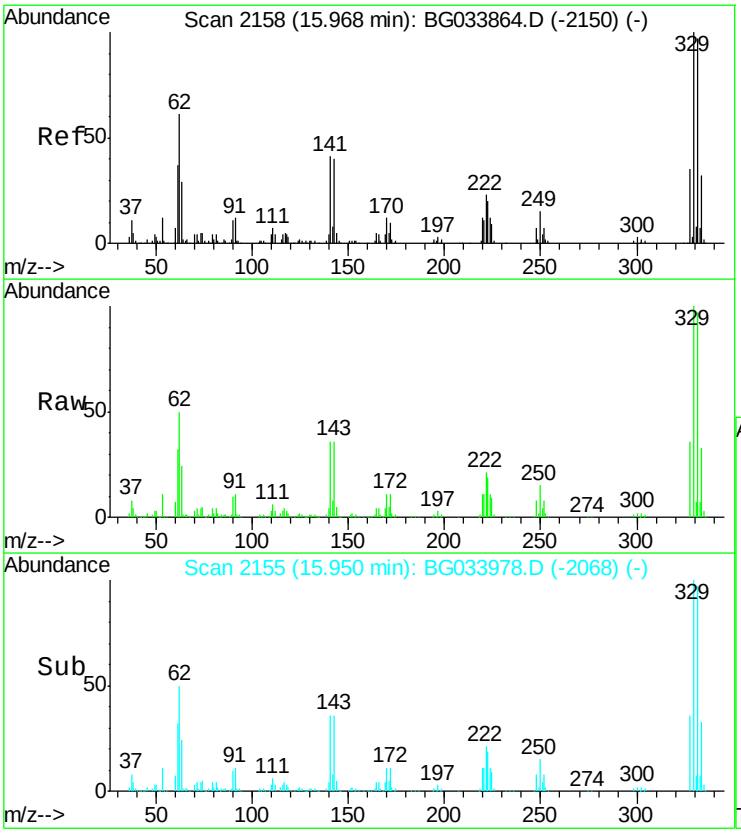
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033978.D
Acq: 25 Apr 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 192590

Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.8	118.2
160	47.4	35.4	53.0

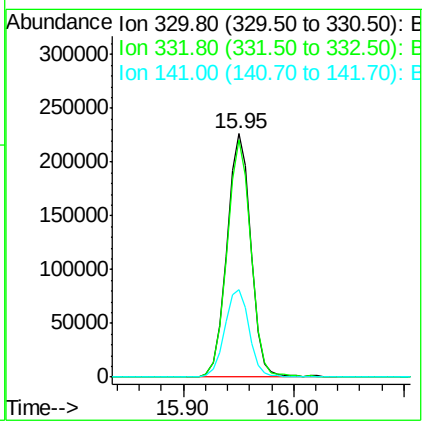


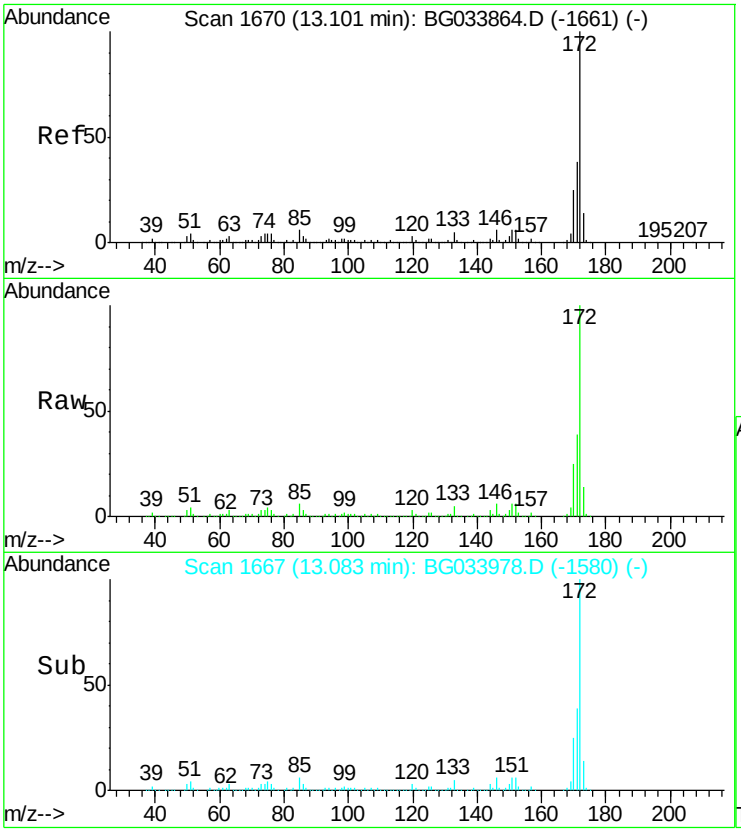


#41
2,4,6-Tribromophenol
Concen: 153.499 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BG033978.D
Acq: 25 Apr 2018 7:29

Tgt Ion:330 Resp: 344892

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	36.9	25.2	37.8



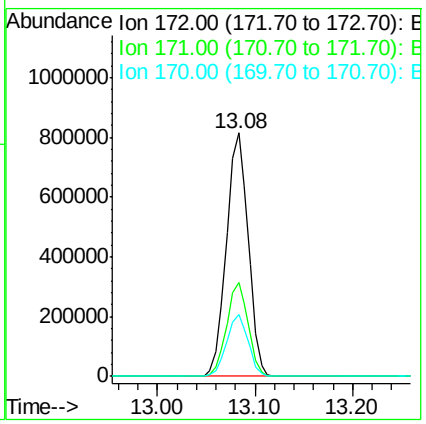


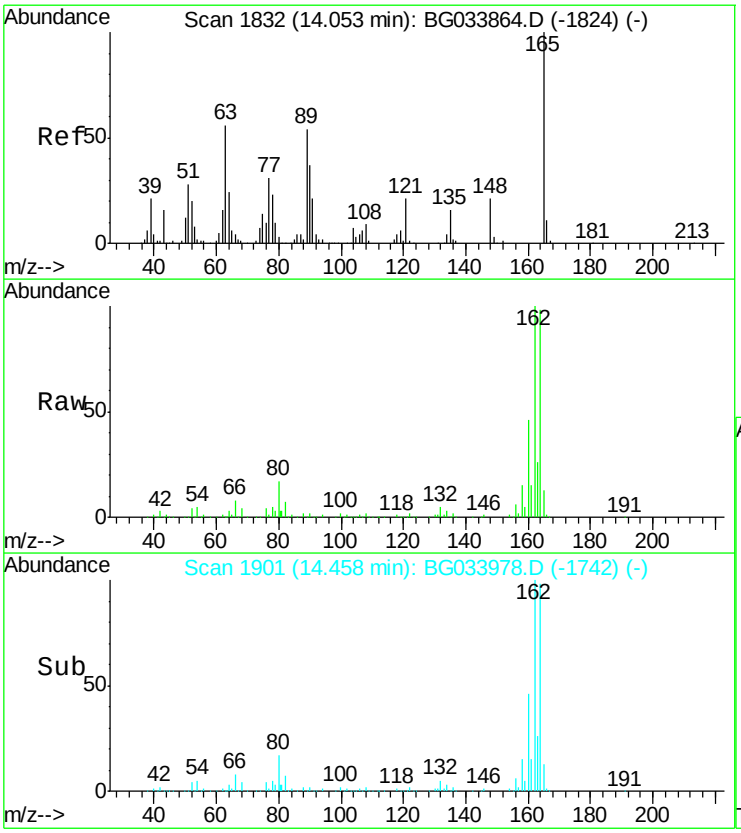
#44
2-Fluorobiphenyl
Concen: 96.024 ng
RT: 13.08 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BG033978.D
Acq: 25 Apr 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1258881

Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	25.4	19.5	29.3

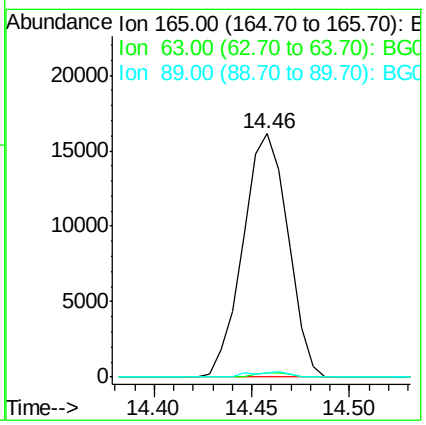


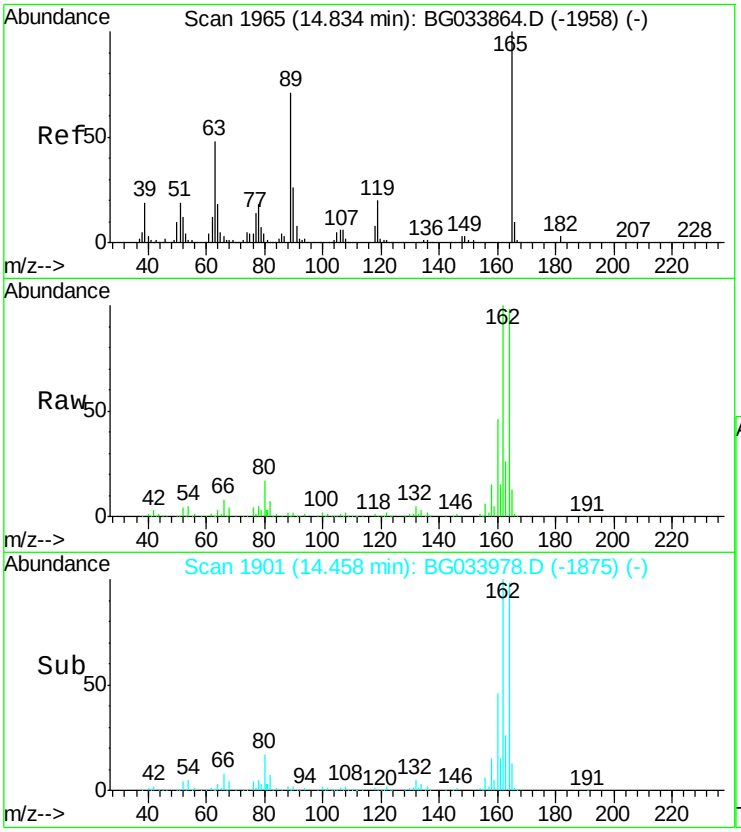


#50
2,6-Dinitrotoluene
Concen: 8.011 ng
RT: 14.46 min Scan# 1901
Delta R.T. 0.41 min
Lab File: BG033978.D
Acq: 25 Apr 2018 7:29

Tgt Ion:165 Resp: 25721

Ion	Ratio	Lower	Upper
165	100		
63	2.0	52.7	79.1#
89	1.5	49.2	73.8#



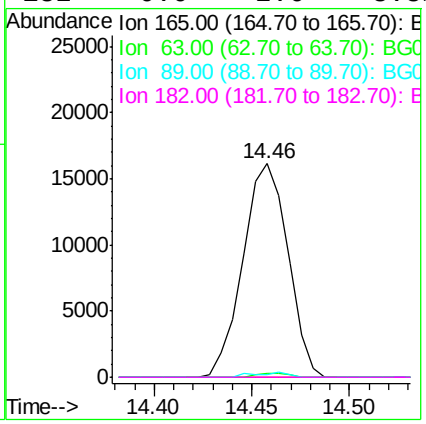


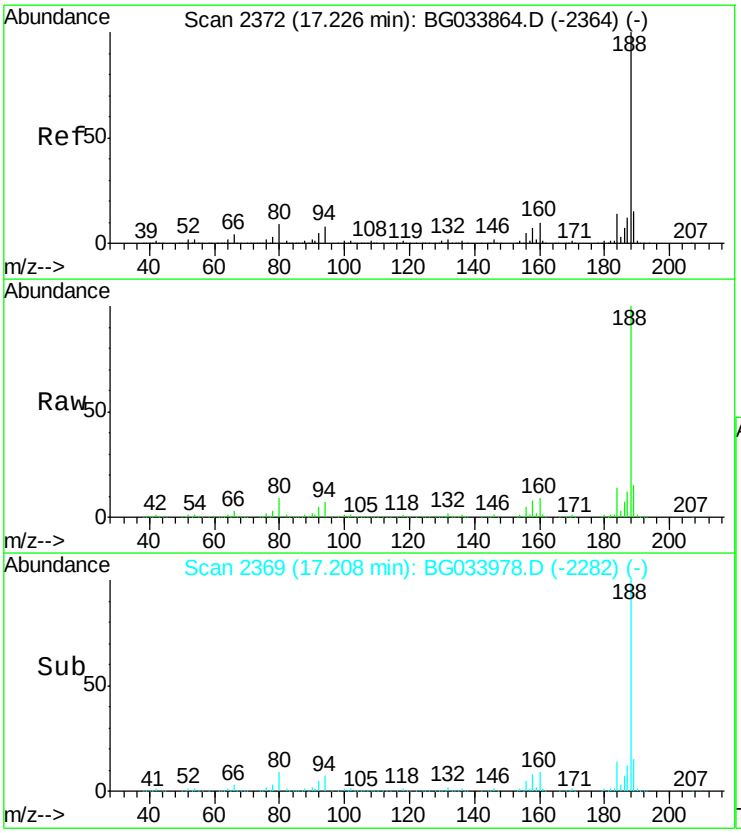
#56
2,4-Dinitrotoluene
Concen: 6.025 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.38 min
Lab File: BG033978.D
Acq: 25 Apr 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 25721

Ion	Ratio	Lower	Upper
165	100		
63	2.0	42.0	63.0#
89	1.5	66.9	100.3#
182	0.0	2.6	3.8#

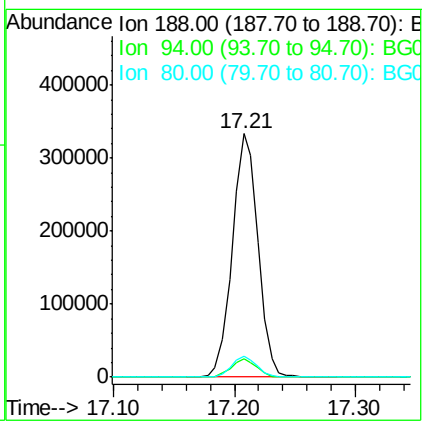


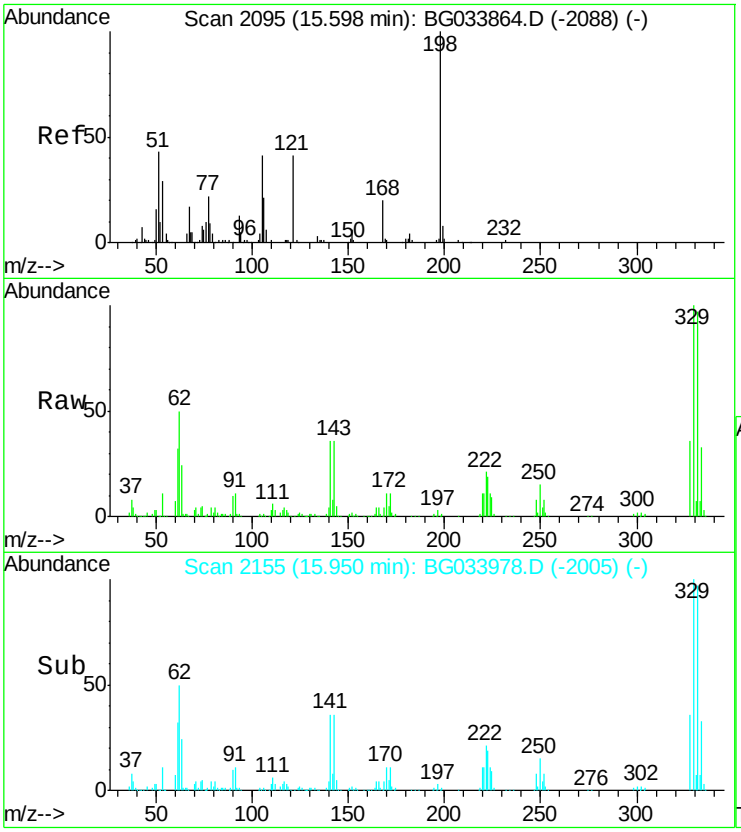


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033978.D
Acq: 25 Apr 2018 7:29

Tgt Ion:188 Resp: 491641

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	8.5	7.7	11.5



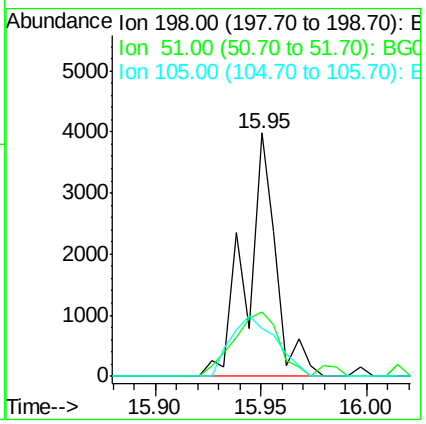


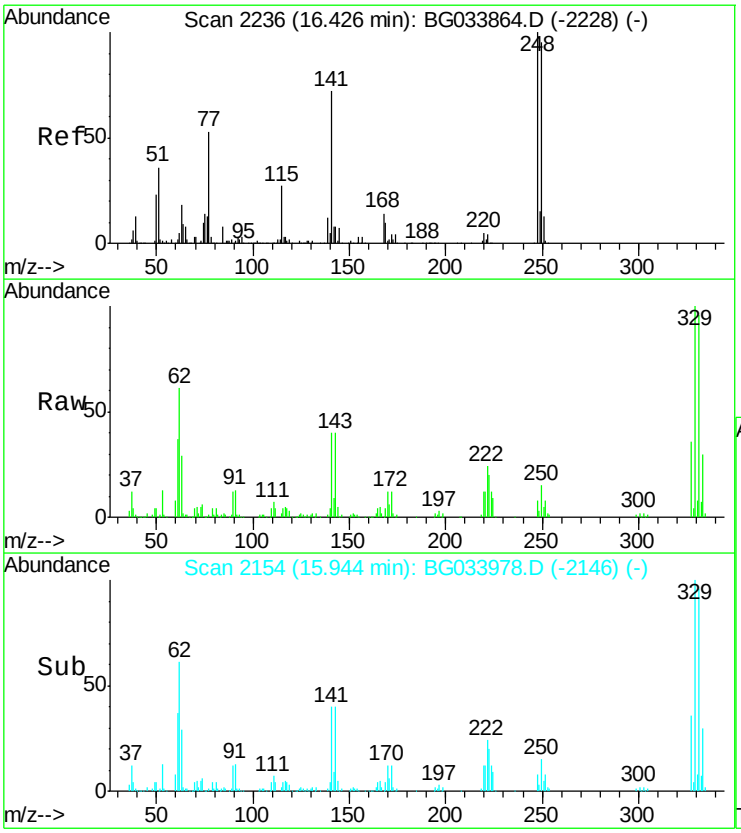
#64
4,6-Dinitro-2-methylphenol
Concen: 7.889 ng
RT: 15.95 min Scan# 2155
Delta R.T. 0.35 min
Lab File: BG033978.D
Acq: 25 Apr 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 3832

Ion	Ratio	Lower	Upper
198	100		
51	26.2	30.6	70.6#
105	19.9	23.8	63.8#

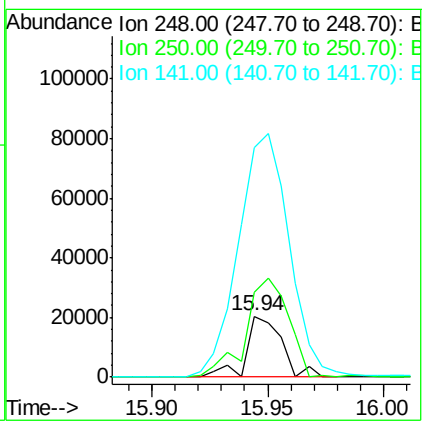


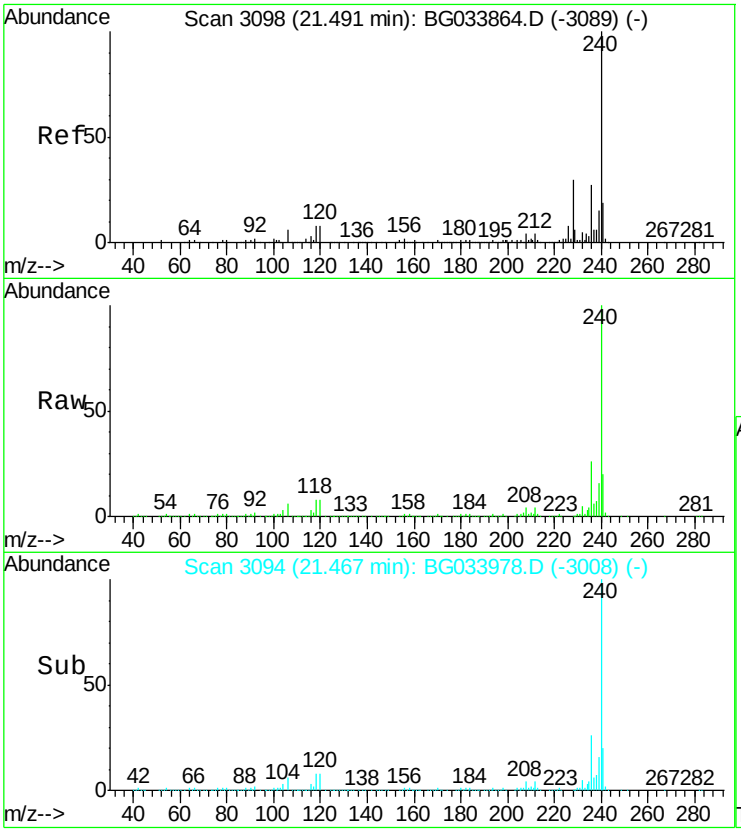


#66
4-Bromophenyl-phenylether
Concen: 4.029 ng
RT: 15.94 min Scan# 2154
Delta R.T. -0.48 min
Lab File: BG033978.D
Acq: 25 Apr 2018 7:29

Tgt Ion:248 Resp: 21751

Ion	Ratio	Lower	Upper
248	100		
250	185.7	77.1	115.7#
141	375.7	50.8	76.2#



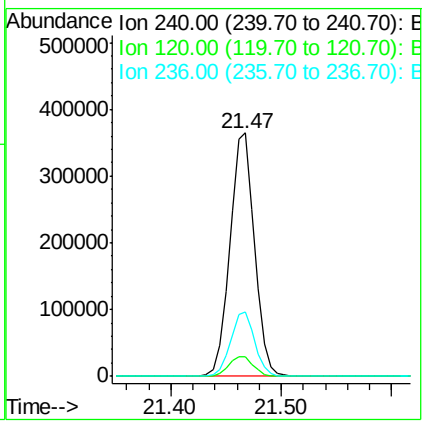


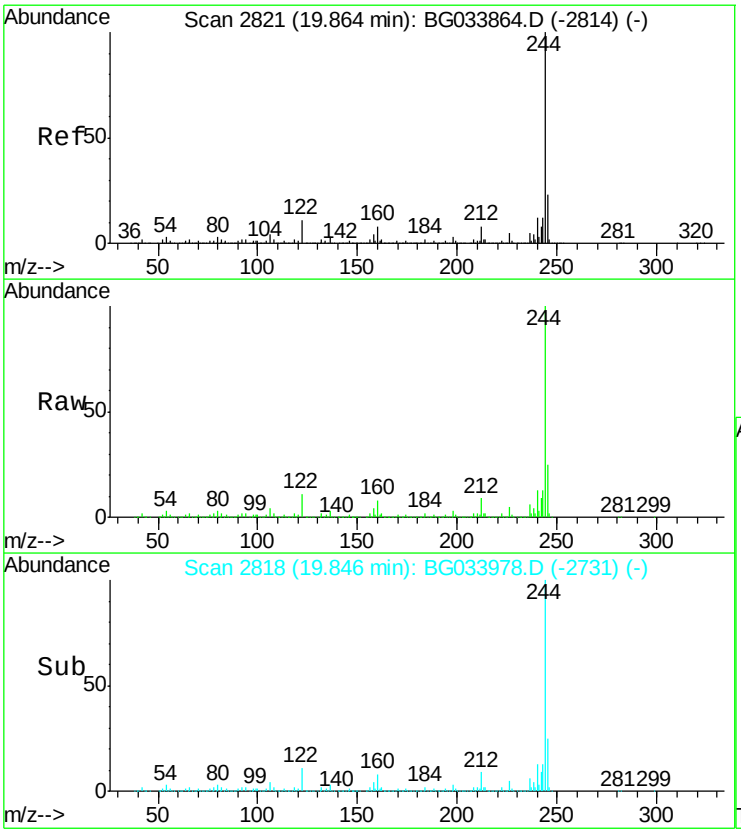
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033978.D
Acq: 25 Apr 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 568259

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.8	10.2
236	26.4	20.9	31.3

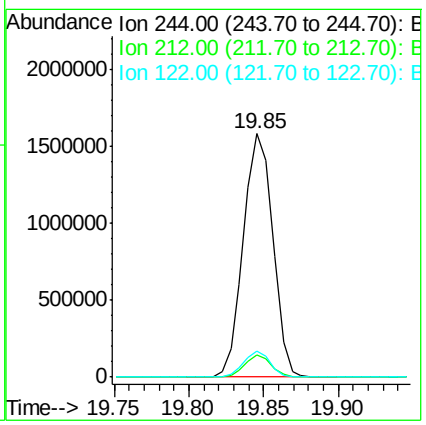


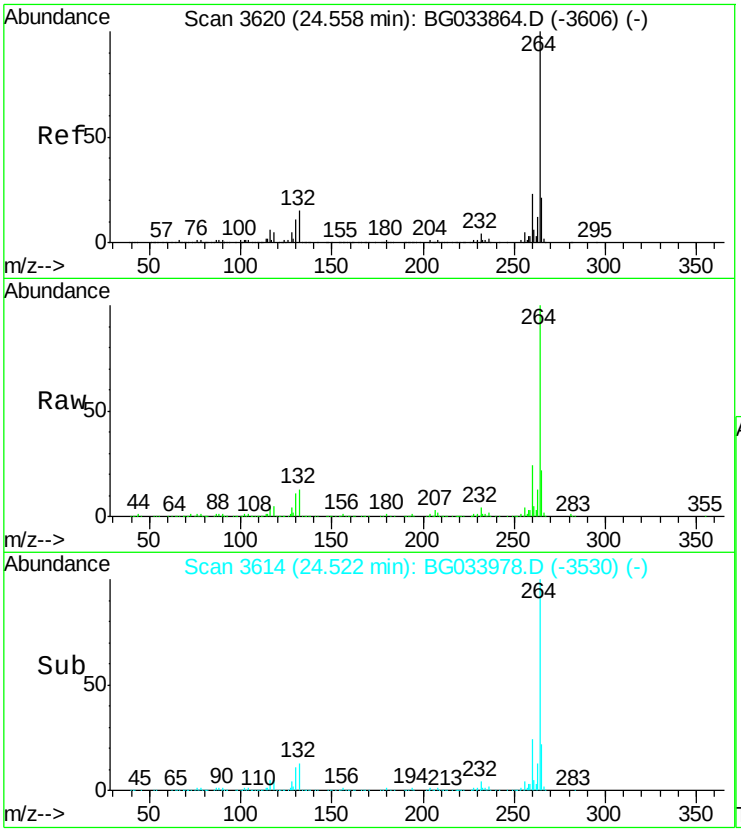


#78
Terphenyl-d14
Concen: 85.228 ng
RT: 19.85 min Scan# 2818
Delta R.T. -0.02 min
Lab File: BG033978.D
Acq: 25 Apr 2018 7:29

Tgt Ion:244 Resp: 2155765

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	10.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.52 min Scan# 3614
Delta R.T. -0.04 min
Lab File: BG033978.D
Acq: 25 Apr 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 578331

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.7	17.7	26.5