Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
Data File : BG032686.D
Acq On : 14 Feb 2018 18:15
Operator : SJ/JU
Sample : J1540-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 15 02:53:25 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	23131	20.00	ng		-0.02
21) Naphthalene-d8	11.53	136	85749	20.00	ng		-0.02
38) Acenaphthene-d10	15.29	164	84728	20.00	ng		-0.02
63) Phenanthrene-d10	18.03	188	251752	20.00	ng		-0.02
75) Chrysene-d12	22.35	240	345829	20.00	ng		-0.02
86) Perylene-d12	25.98	264	358323	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	6.10	112	129655	112.46	ng		-0.02
7) Phenol-d6	7.78	99	180312	114.38	ng		-0.02
23) Nitrobenzene-d5	9.85	82	128362	95.14	ng		-0.02
41) 2,4,6-Tribromophenol	16.77	330	212310	162.74	ng		-0.02
44) 2-Fluorobiphenyl	13.92	172	511121	75.44	ng		-0.01
78) Terphenyl-d14	20.57	244	1183161	77.98	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.81	94	11323	7.39	ng		80
15) Benzyl Alcohol	8.98	79	2391	2.02	ng	#	28
19) n-Nitroso-di-n-propylamine	9.85	70	18107	17.09	ng	#	84
49) Dimethylphthalate	14.72	163	46804	6.39	ng	#	95
55) 4-Nitrophenol	15.46	139	61	5.54	ng	#	1
56) 2,4-Dinitrotoluene	15.29	165	10739	5.17	ng	#	16
64) 4,6-Dinitro-2-methylphenol	16.77	198	559	5.30	ng	#	8
66) 4-Bromophenyl-phenylether	16.77	248	18161	5.04	ng	#	1
76) Benzidine	20.57	184	18198	2.23	ng	#	96

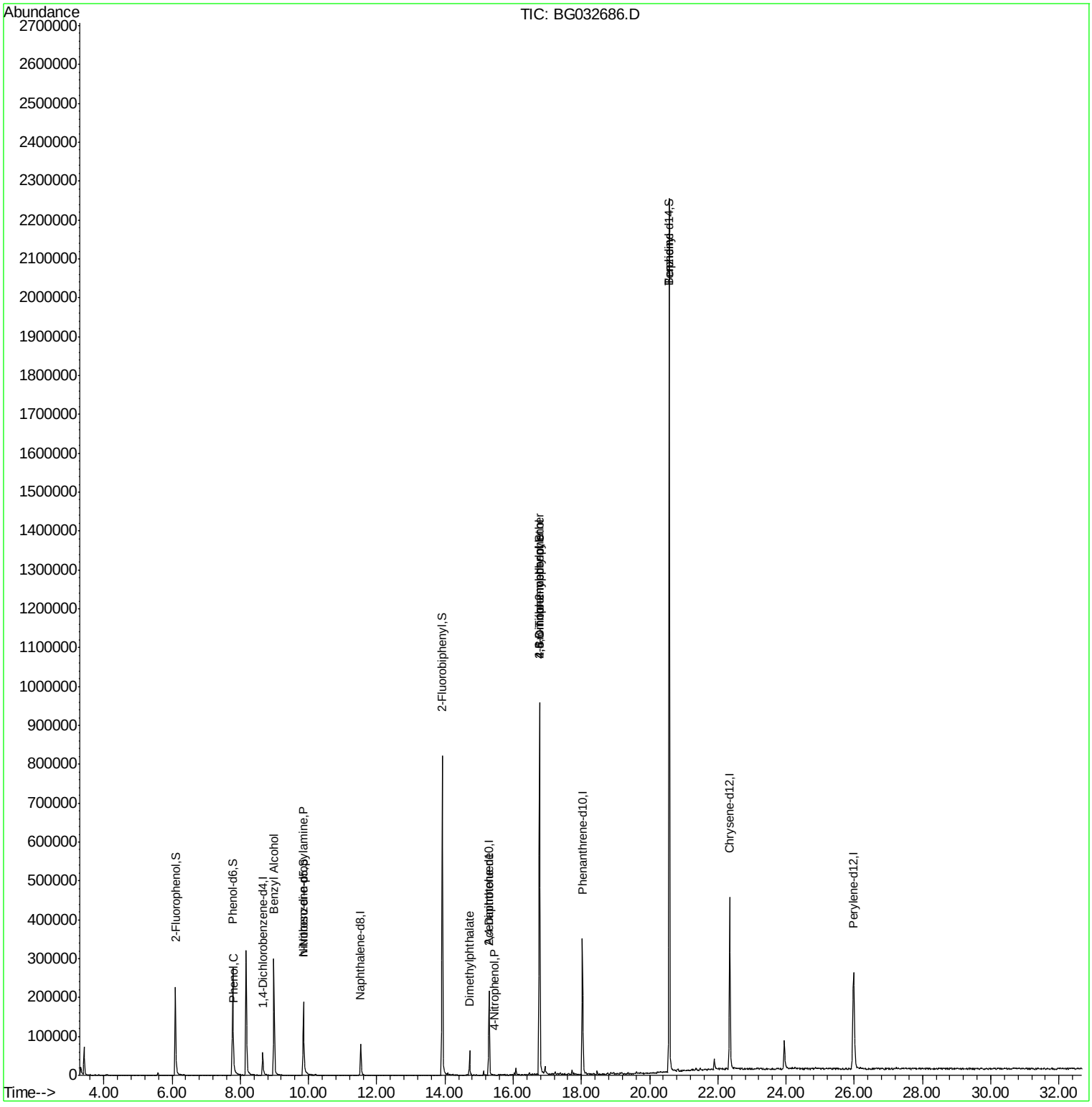
(#) = qualifier out of range (m) = manual integration (+) = signals summed

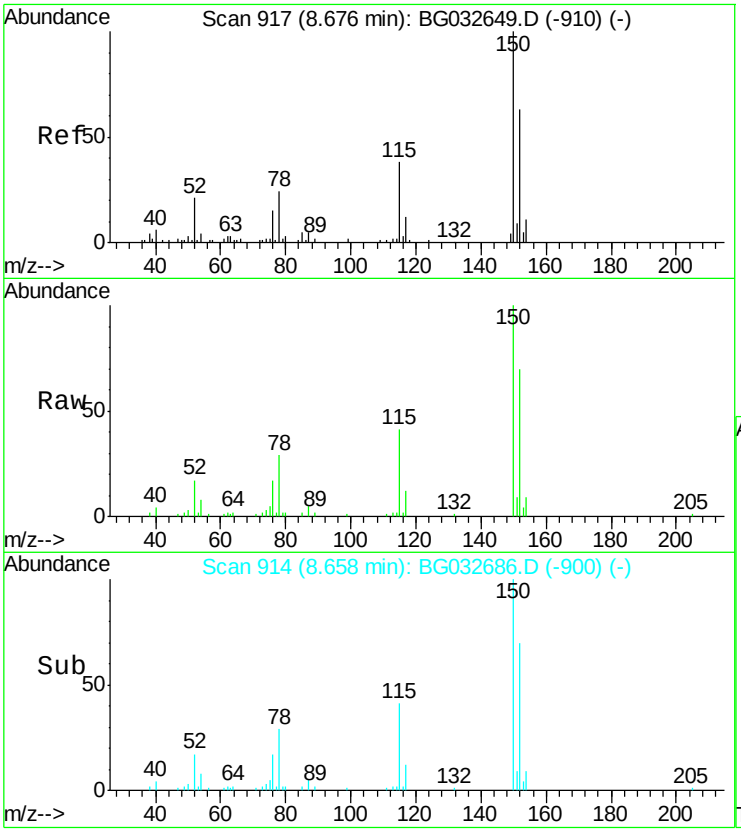
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
Data File : BG032686.D
Acq On : 14 Feb 2018 18:15
Operator : SJ/JU
Sample : J1540-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 15 02:53:25 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration



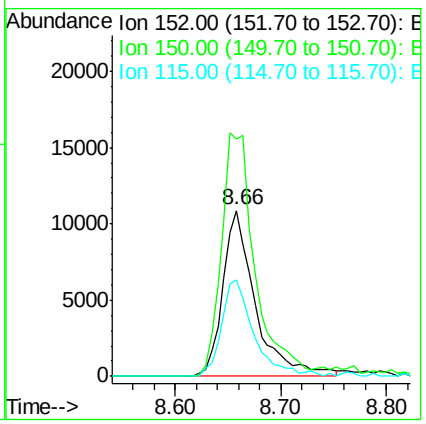


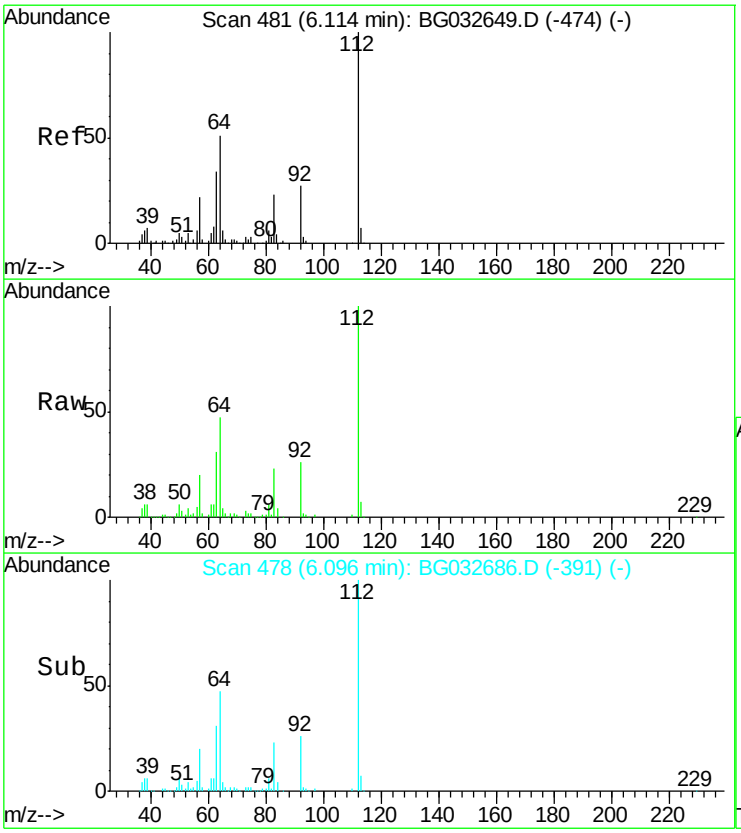
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.02 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 23131

Ion	Ratio	Lower	Upper
152	100		
150	143.4	126.6	189.8
115	58.2	53.0	79.4

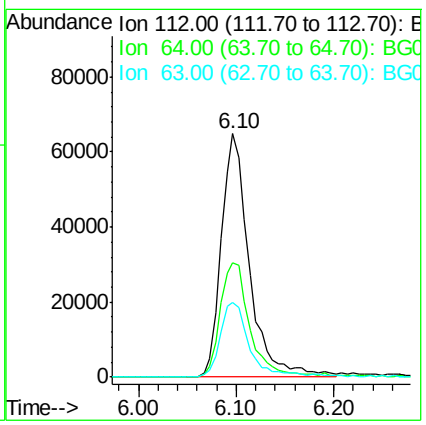


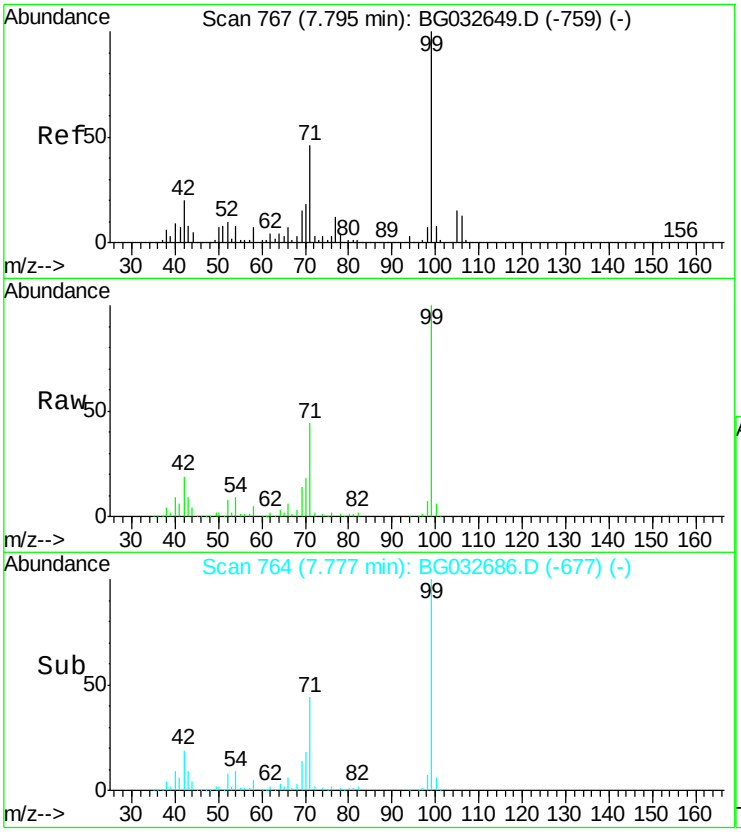


#5
2-Fluorophenol
Concen: 112.46 ng
RT: 6.10 min Scan# 478
Delta R.T. -0.02 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Tgt Ion:112 Resp: 129655

Ion	Ratio	Lower	Upper
112	100		
64	47.2	56.3	84.5#
63	30.5	30.1	45.1



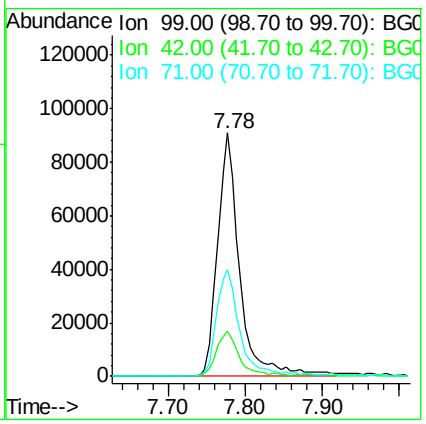


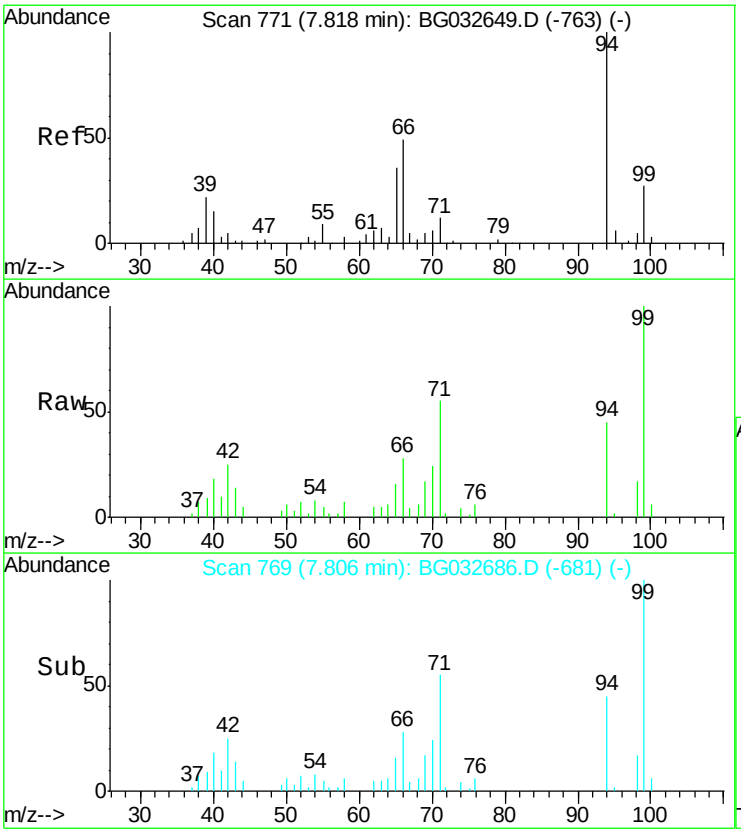
#7
Phenol-d6
Concen: 114.38 ng
RT: 7.78 min Scan# 764
Delta R.T. -0.02 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 180312

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.1	21.1
71	43.9	26.1	39.1#

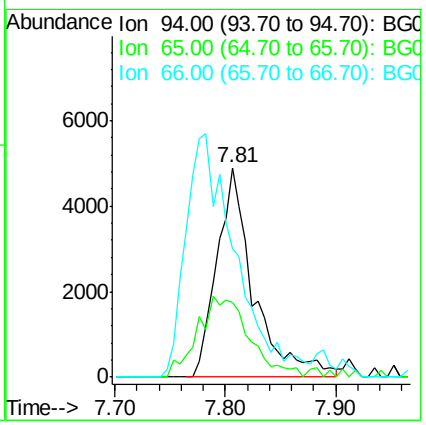


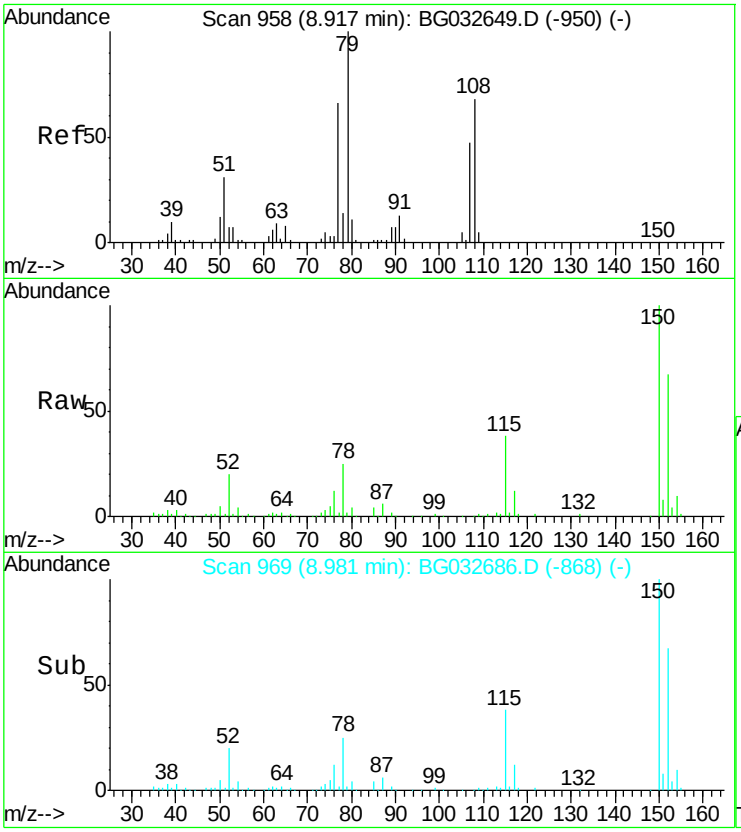


#10
Phenol
Concen: 7.39 ng
RT: 7.81 min Scan# 769
Delta R.T. -0.01 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Tgt Ion: 94 Resp: 11323

Ion	Ratio	Lower	Upper
94	100		
65	35.6	11.9	51.9
66	61.3	22.2	62.2



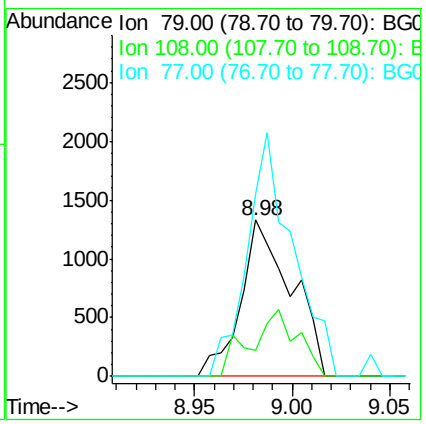


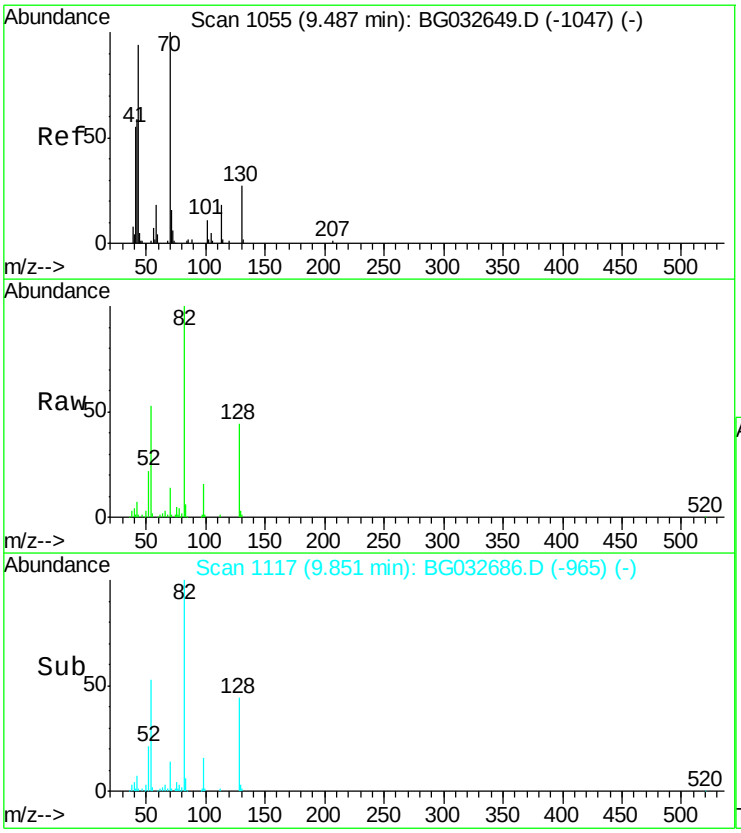
#15
Benzyl Alcohol
Concen: 2.02 ng
RT: 8.98 min Scan# 969
Delta R.T. 0.06 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 2391

Ion	Ratio	Lower	Upper
79	100		
108	16.7	57.2	85.8#
77	116.8	46.1	69.1#

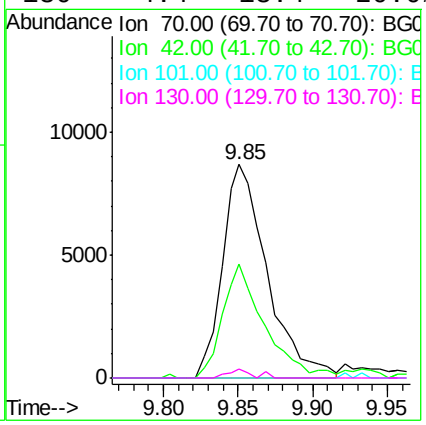


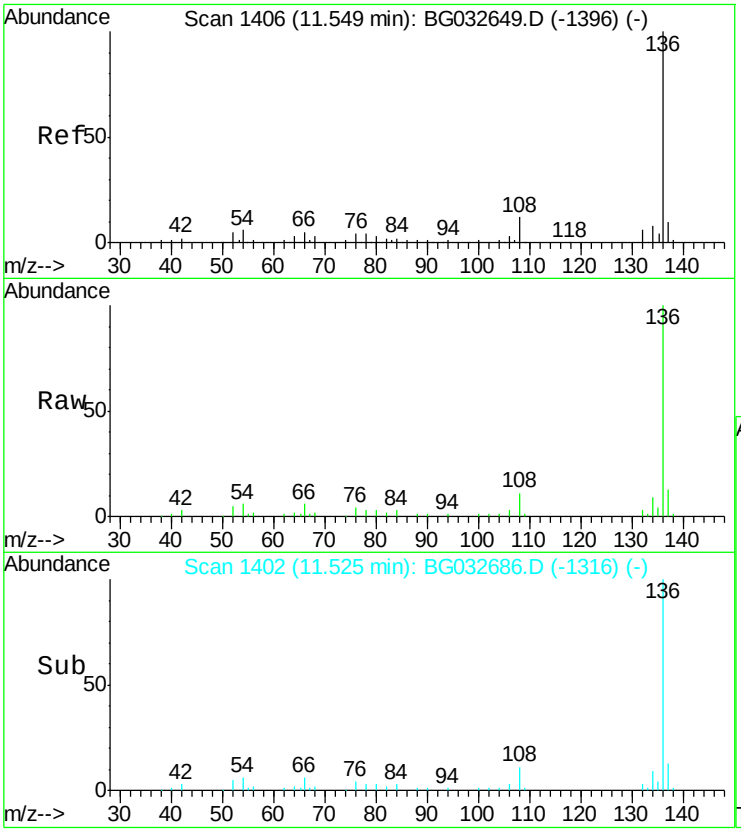


#19
n-Nitroso-di-n-propylamine
Concen: 17.09 ng
RT: 9.85 min Scan# 1117
Delta R.T. 0.36 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Tgt Ion: 70 Resp: 18107

Ion	Ratio	Lower	Upper
70	100		
42	53.1	49.1	73.7
101	0.0	8.5	12.7#
130	4.4	13.4	20.0#



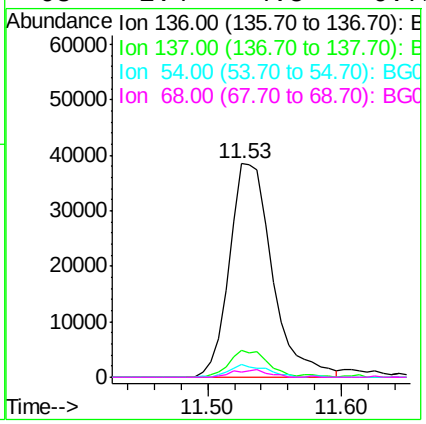


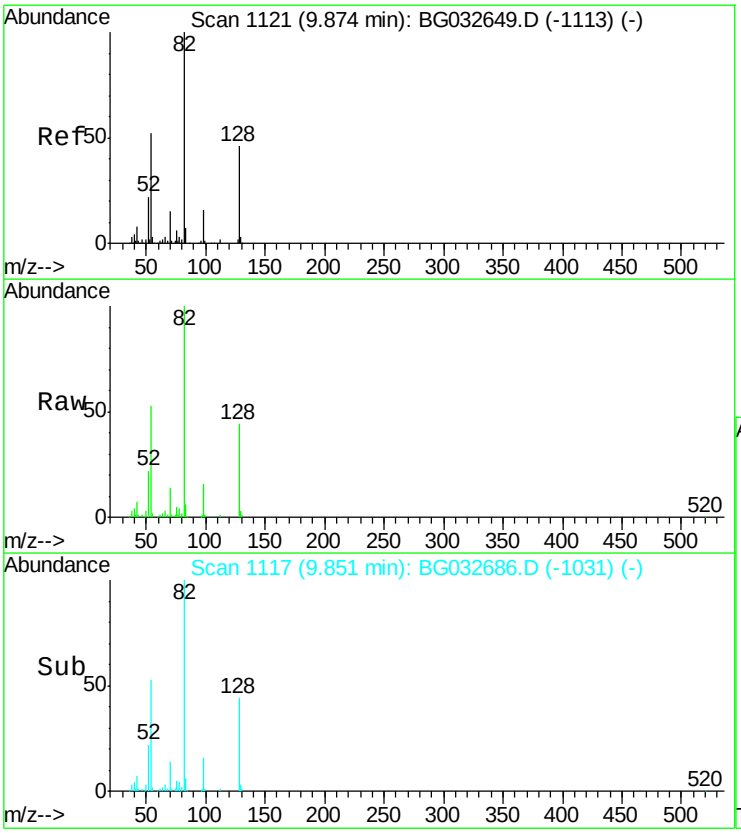
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.53 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 85749

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.2	13.8
54	5.8	10.3	15.5#
68	2.4	4.5	6.7#

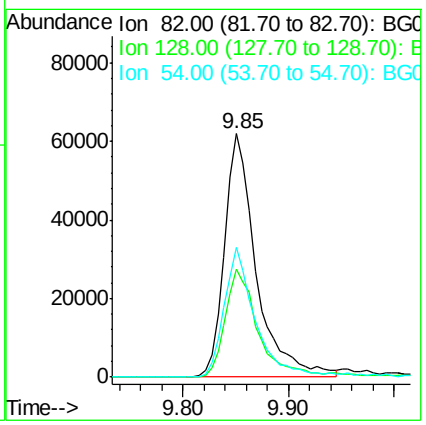


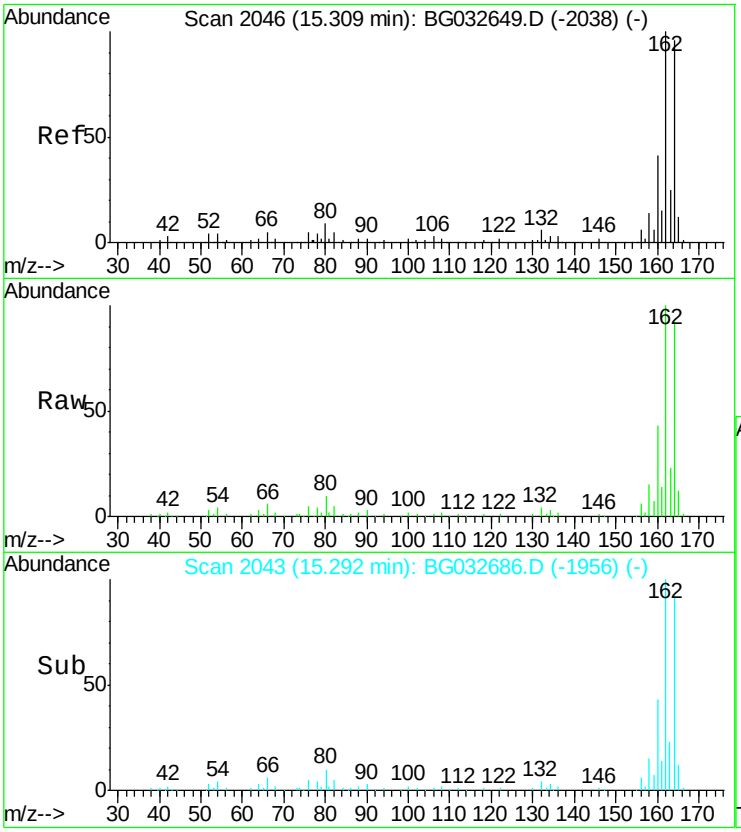


#23
Nitrobenzene-d5
Concen: 95.14 ng
RT: 9.85 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Tgt Ion: 82 Resp: 128362

Ion	Ratio	Lower	Upper
82	100		
128	44.1	29.7	44.5
54	53.4	43.1	64.7



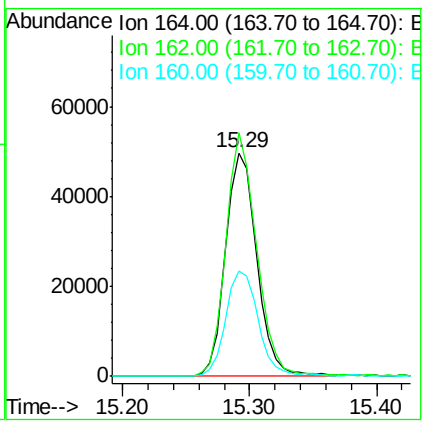


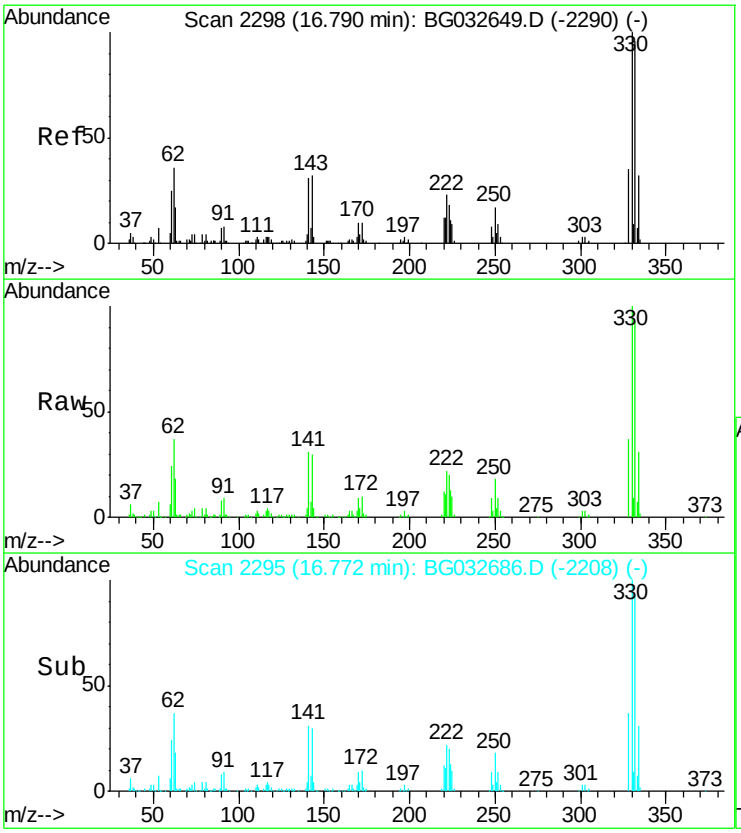
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.29 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 84728

Ion	Ratio	Lower	Upper
164	100		
162	108.8	78.8	118.2
160	46.9	35.4	53.0

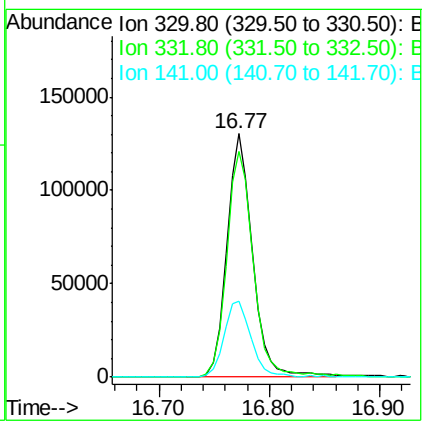


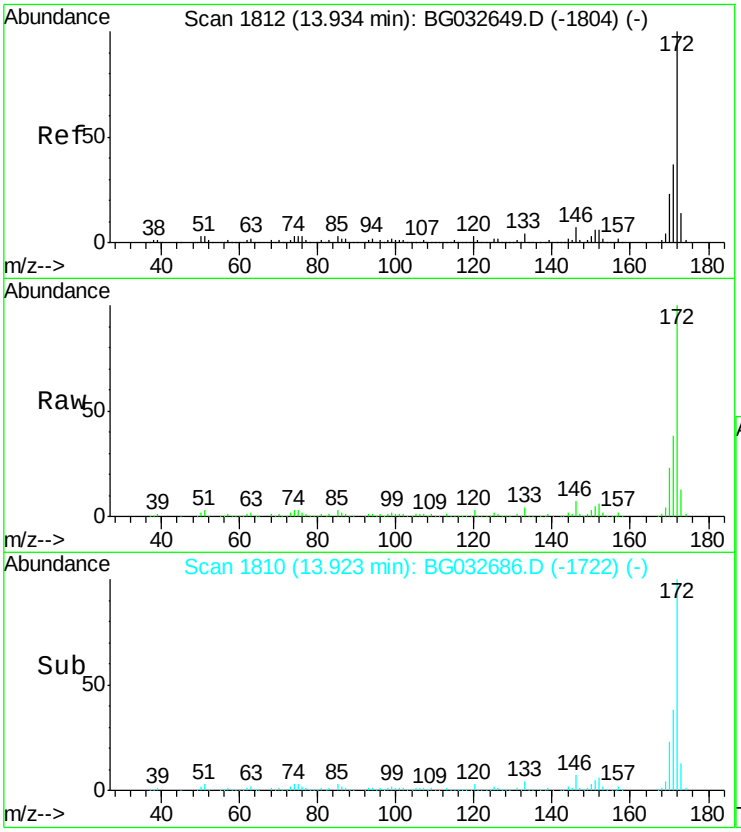


#41
2,4,6-Tribromophenol
Concen: 162.74 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.02 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Tgt Ion:330 Resp: 212310

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	32.7	25.2	37.8



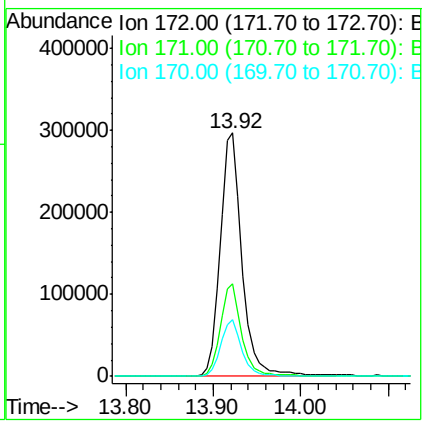


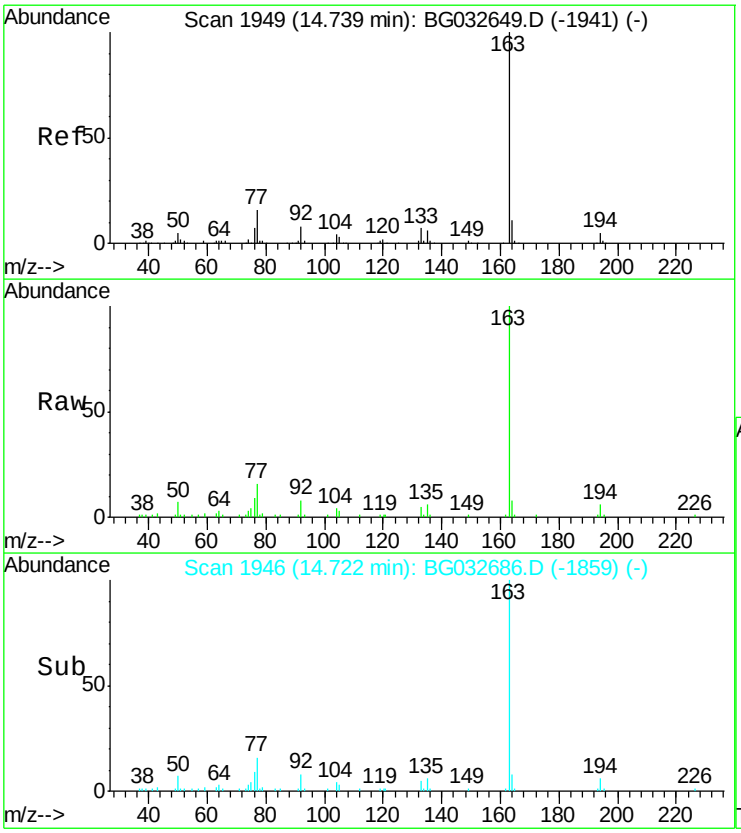
#44
2-Fluorobiphenyl
Concen: 75.44 ng
RT: 13.92 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 511121

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.2	19.5	29.3

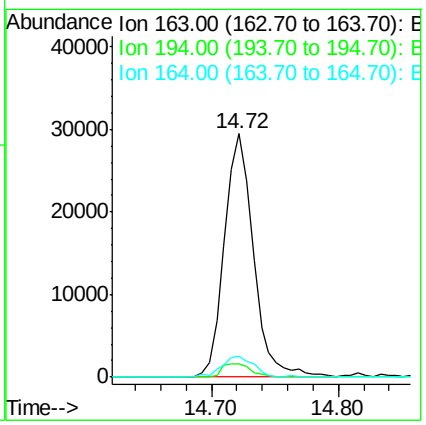


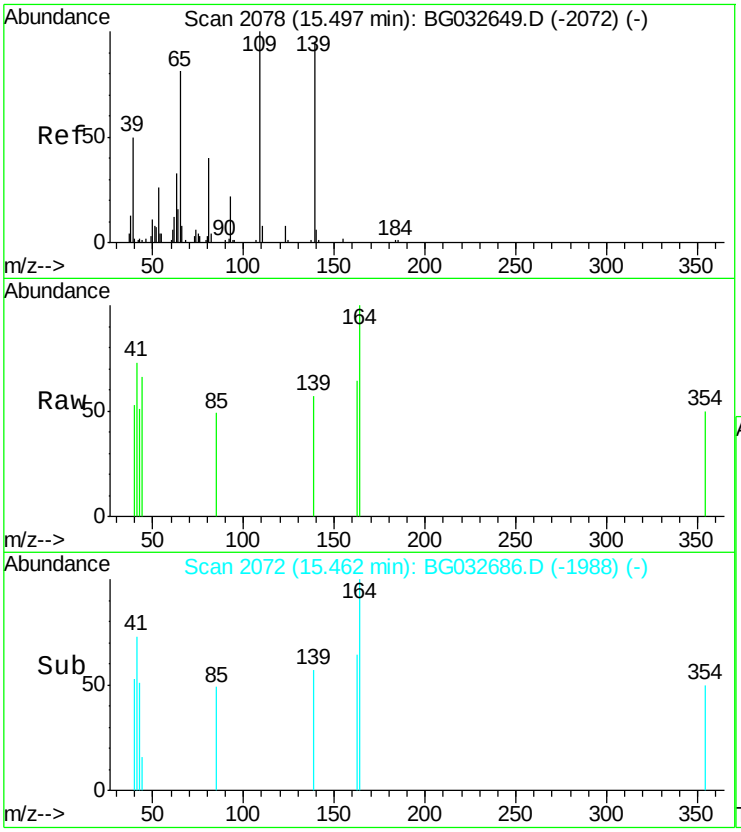


#49
Dimethylphthalate
Concen: 6.39 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Tgt Ion:163 Resp: 46804

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.4	5.2#
164	8.4	8.2	12.4



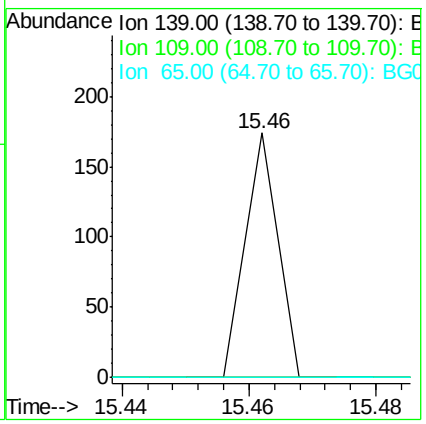


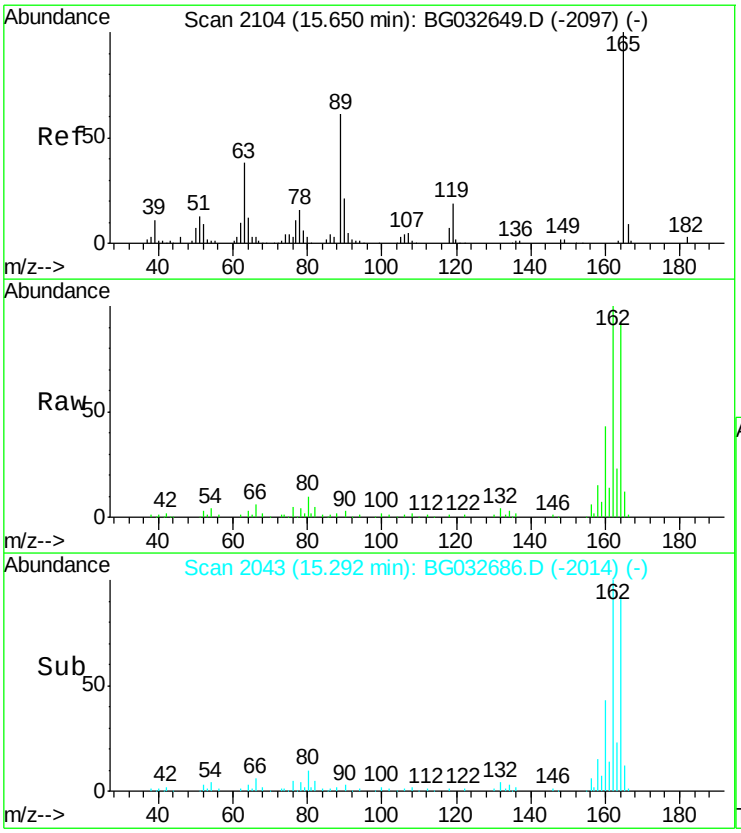
#55
4-Nitrophenol
Concen: 5.54 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.04 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 61

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#

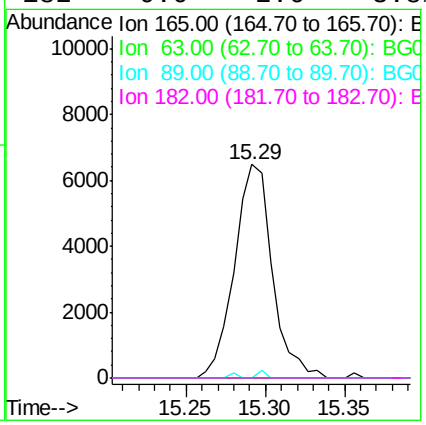


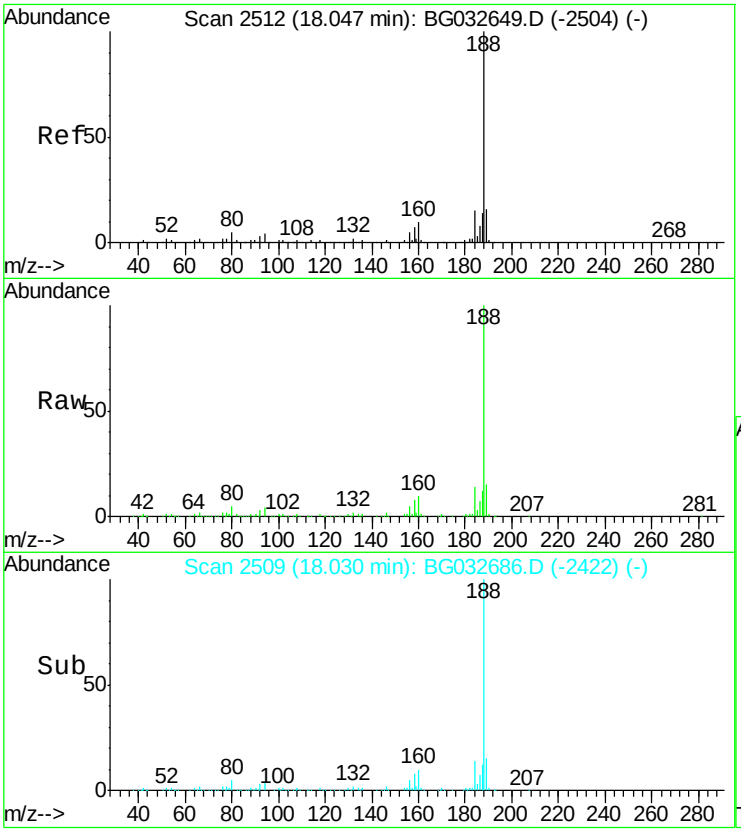


#56
2,4-Dinitrotoluene
Concen: 5.17 ng
RT: 15.29 min Scan# 2043
Delta R.T. -0.36 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Tgt Ion:165 Resp: 10739

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



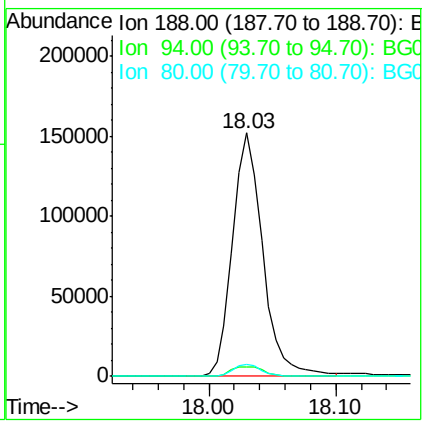


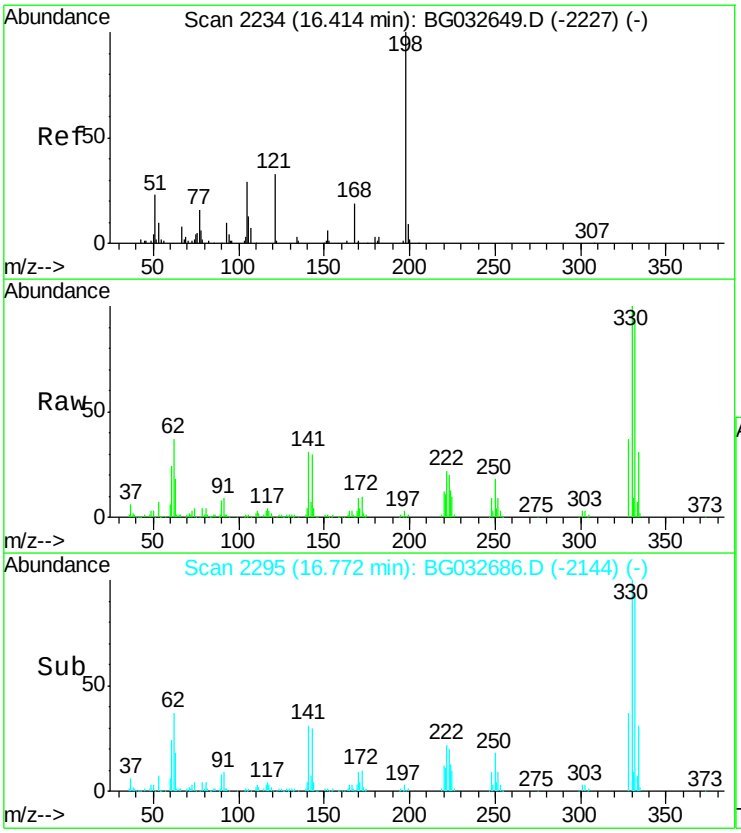
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.03 min Scan# 2509
Delta R.T. -0.02 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 251752

Ion	Ratio	Lower	Upper
188	100		
94	4.1	6.9	10.3#
80	4.9	7.7	11.5#

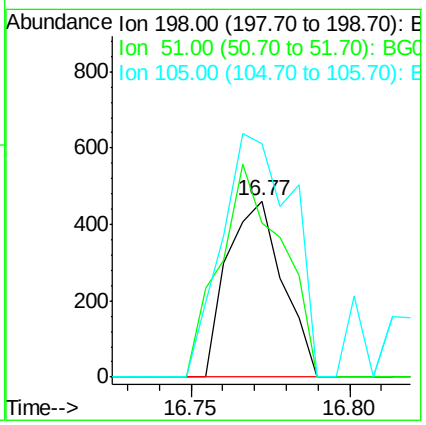


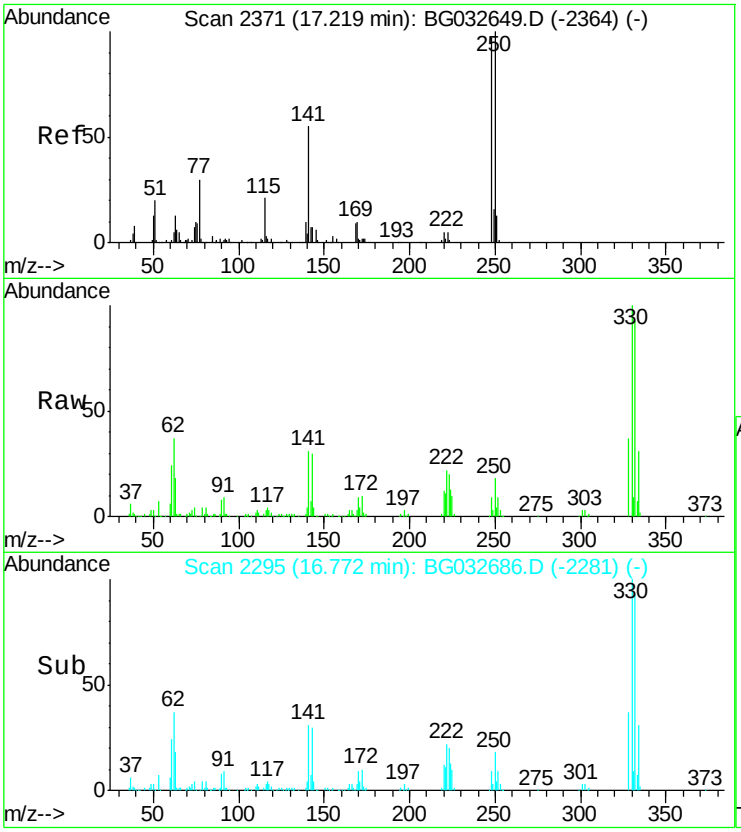


#64
4,6-Dinitro-2-methylphenol
Concen: 5.30 ng
RT: 16.77 min Scan# 2295
Delta R.T. 0.36 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Tgt Ion:198 Resp: 559

Ion	Ratio	Lower	Upper
198	100		
51	87.2	30.6	70.6#
105	132.5	23.8	63.8#



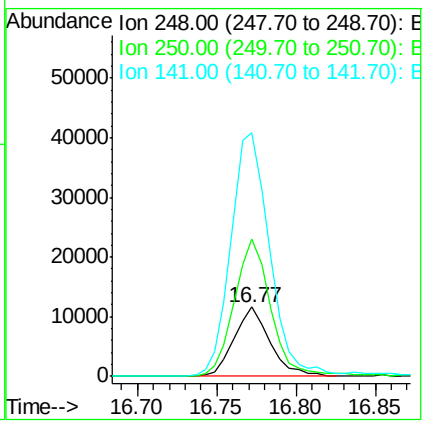


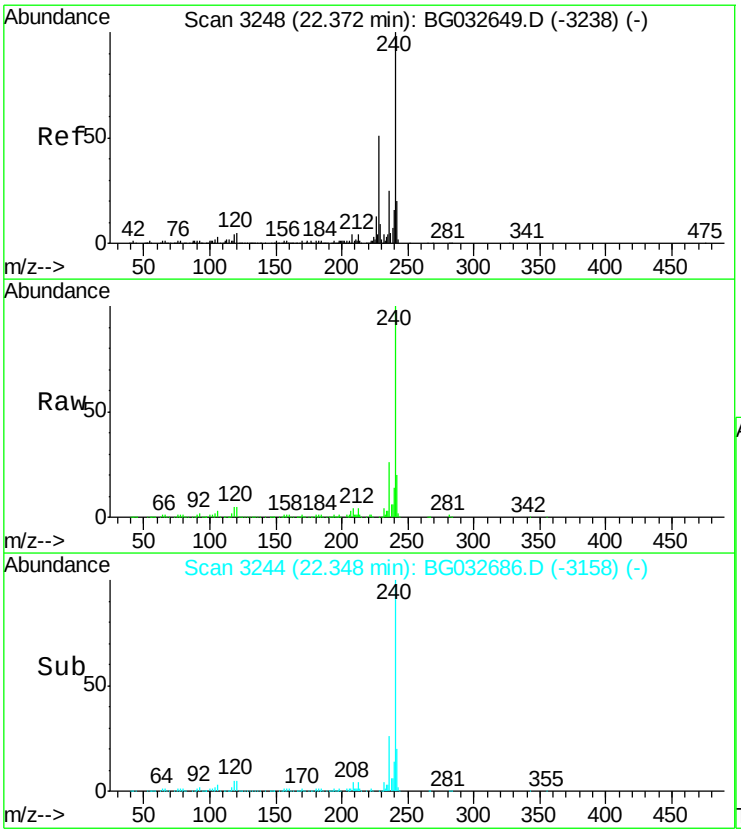
#66
4-Bromophenyl-phenylether
Concen: 5.04 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.45 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 18161

Ion	Ratio	Lower	Upper
248	100		
250	198.1	77.1	115.7#
141	350.5	50.8	76.2#

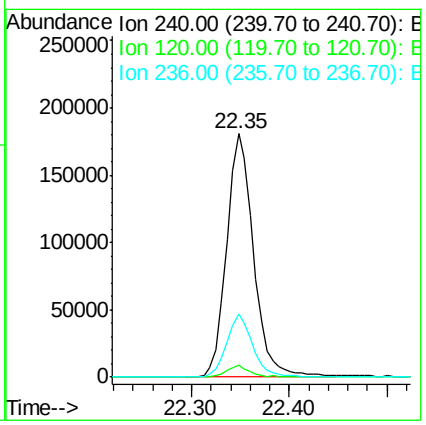


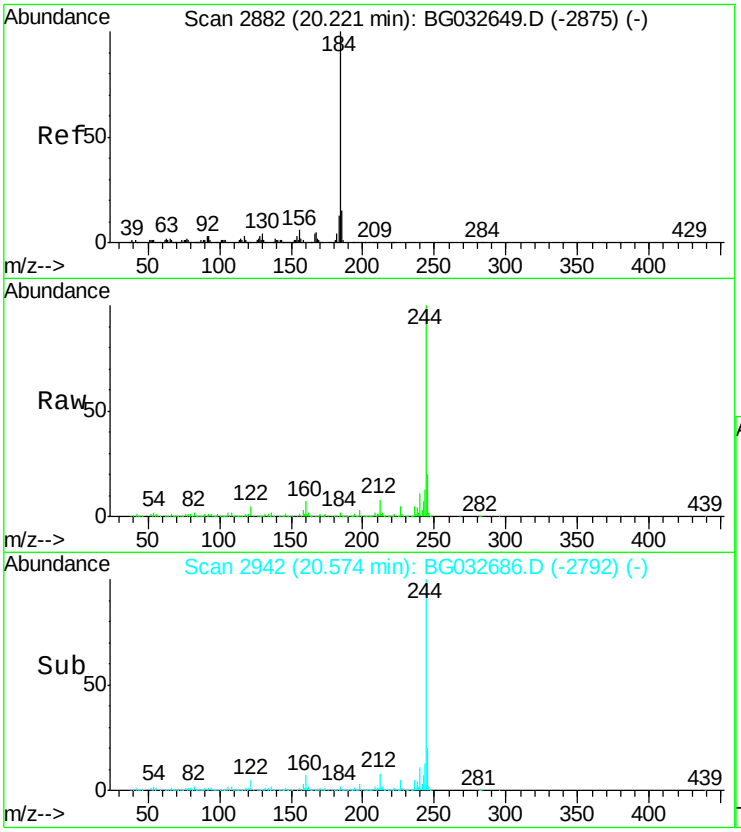


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.35 min Scan# 3244
Delta R.T. -0.02 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Tgt Ion:240 Resp: 345829

Ion	Ratio	Lower	Upper
240	100		
120	4.9	6.8	10.2#
236	25.9	20.9	31.3



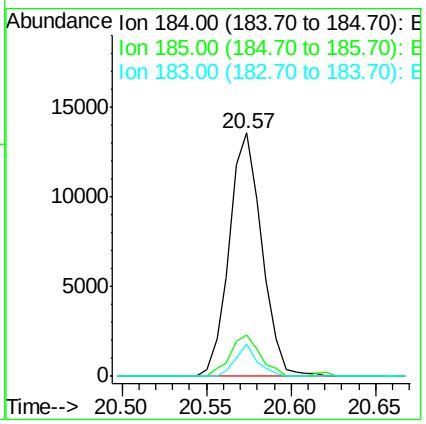


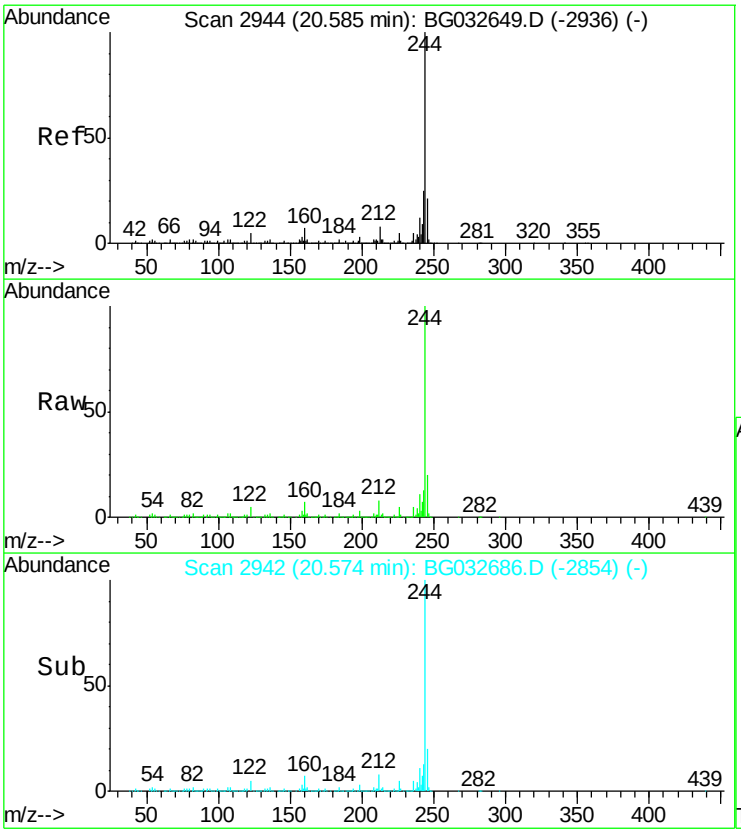
#76
Benzidine
Concen: 2.23 ng
RT: 20.57 min Scan# 2942
Delta R.T. 0.35 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 18198

Ion	Ratio	Lower	Upper
184	100		
185	17.0	11.1	16.7#
183	13.4	10.6	16.0

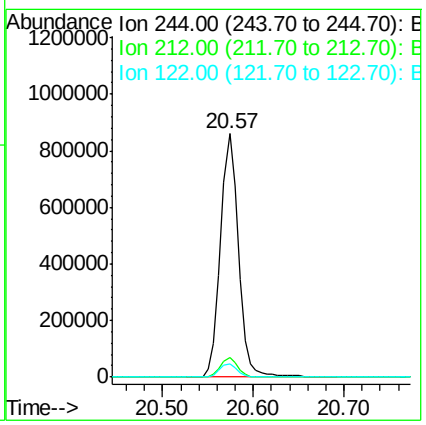


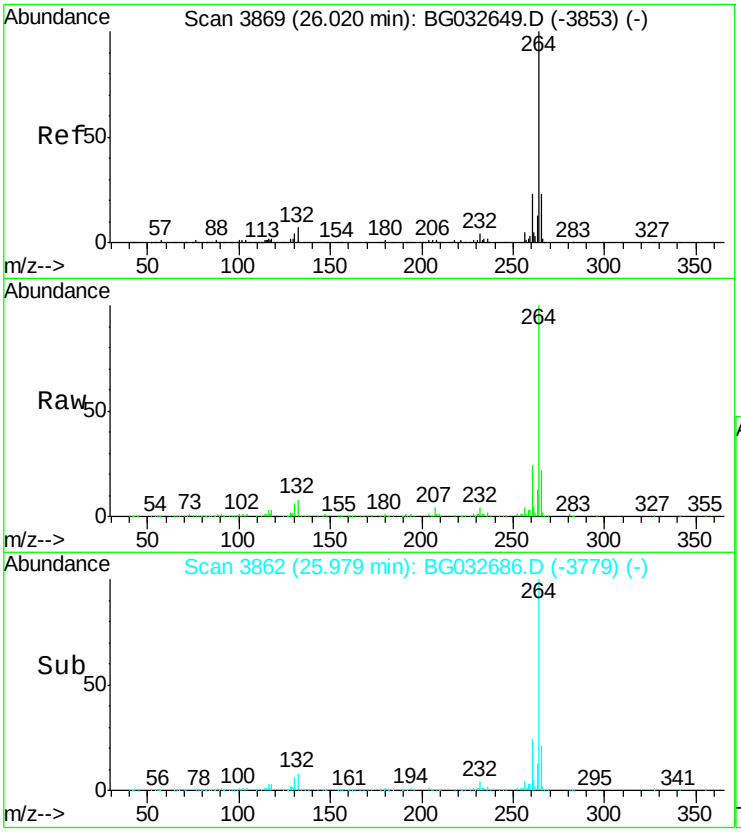


#78
Terphenyl-d14
Concen: 77.98 ng
RT: 20.57 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Tgt Ion:244 Resp: 1183161

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	5.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.98 min Scan# 3862
Delta R.T. -0.04 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 358323

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.5	17.7	26.5