Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
Data File : BG032708.D
Acq On : 15 Feb 2018 9:39
Operator : SJ/JU
Sample : J1545-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 15 11:07:45 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	26842	20.00	ng	-0.02
21) Naphthalene-d8	11.53	136	93950	20.00	ng	-0.02
38) Acenaphthene-d10	15.30	164	66733	20.00	ng	-0.01
63) Phenanthrene-d10	18.03	188	211459	20.00	ng	-0.02
75) Chrysene-d12	22.35	240	195854	20.00	ng	-0.02
86) Perylene-d12	25.99	264	295203	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	156579	117.04	ng	-0.01
7) Phenol-d6	7.78	99	177550	97.06	ng	-0.02
23) Nitrobenzene-d5	9.85	82	122880	83.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.77	330	200641	195.26	ng	-0.02
44) 2-Fluorobiphenyl	13.92	172	544998	102.13	ng	-0.01
78) Terphenyl-d14	20.57	244	1191568	138.67	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.86	70	17045	13.859	ng	# 73
31) Naphthalene	11.58	128	9183	2.013	ng	# 92
50) 2,6-Dinitrotoluene	15.30	165	9153	7.705	ng	# 18
55) 4-Nitrophenol	15.69	139	236	5.768	ng	# 1
56) 2,4-Dinitrotoluene	15.30	165	9153	5.592	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.77	198	493	5.310	ng	# 61
66) 4-Bromophenyl-phenylether	16.78	248	15832	5.232	ng	# 1
76) Benzidine	20.57	184	17282	3.747	ng	# 93

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

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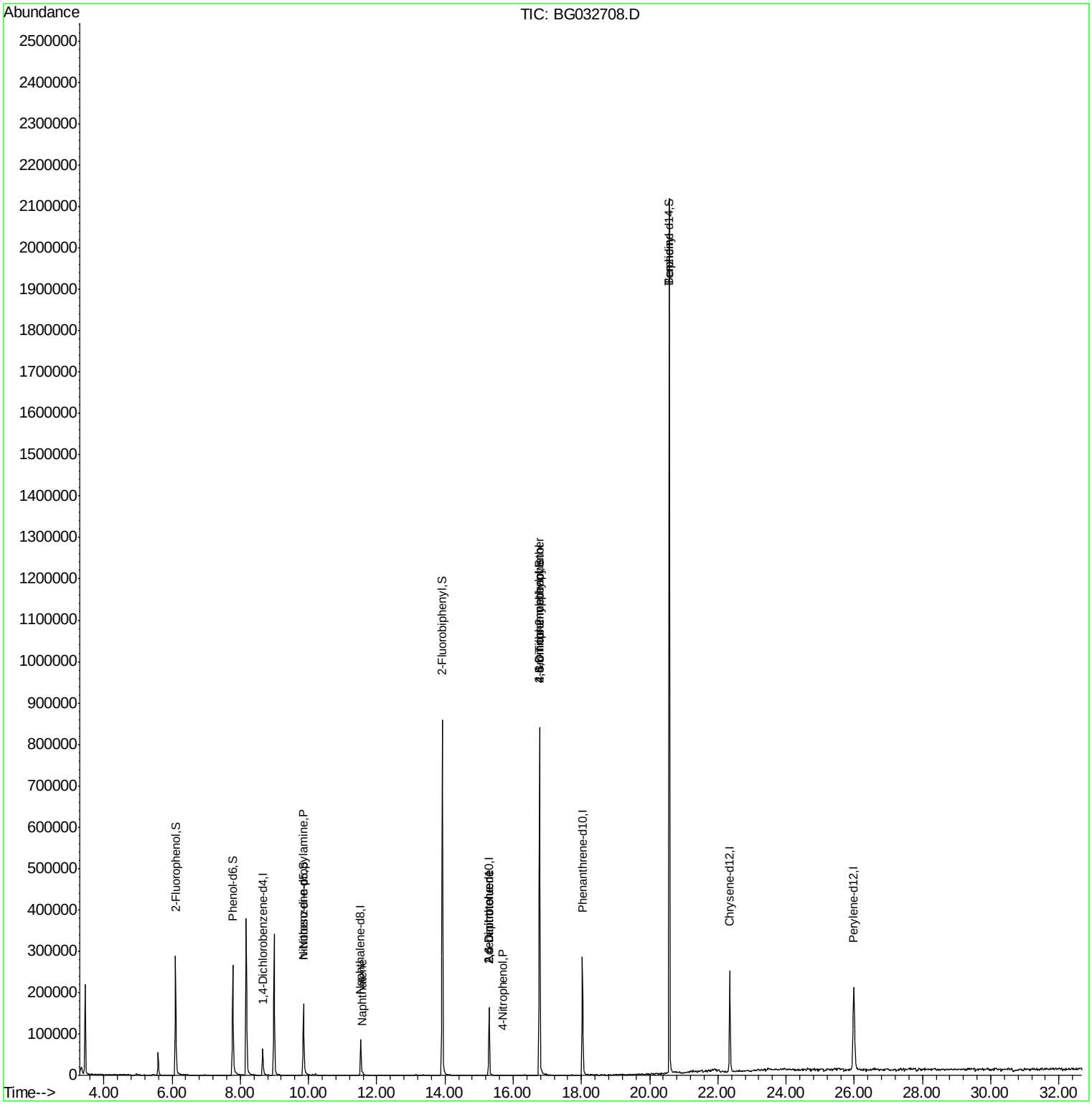
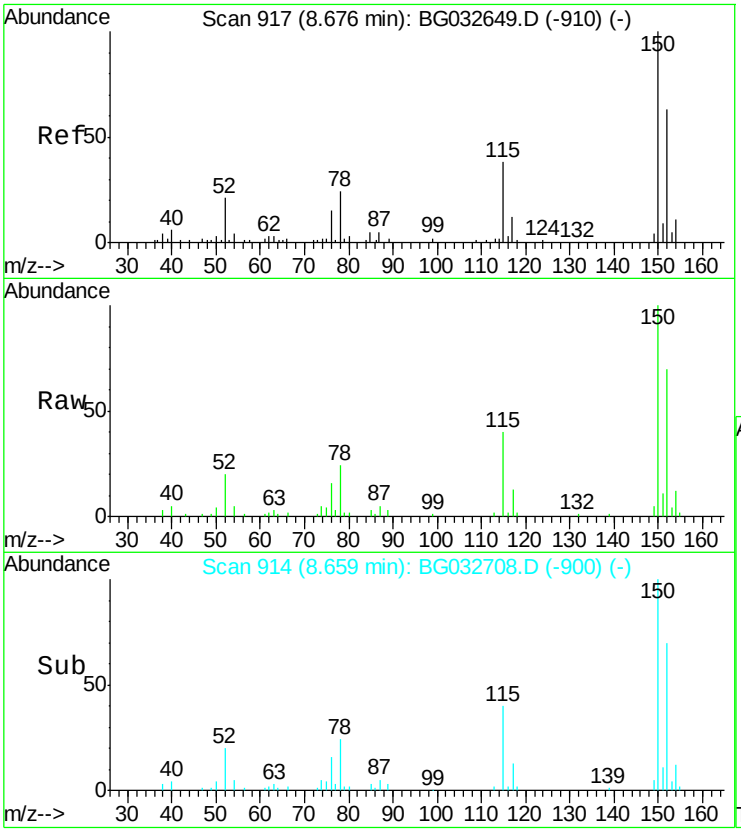


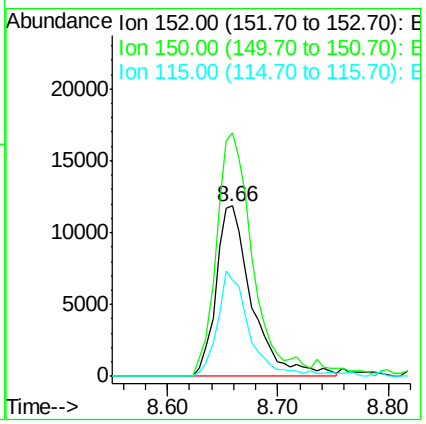


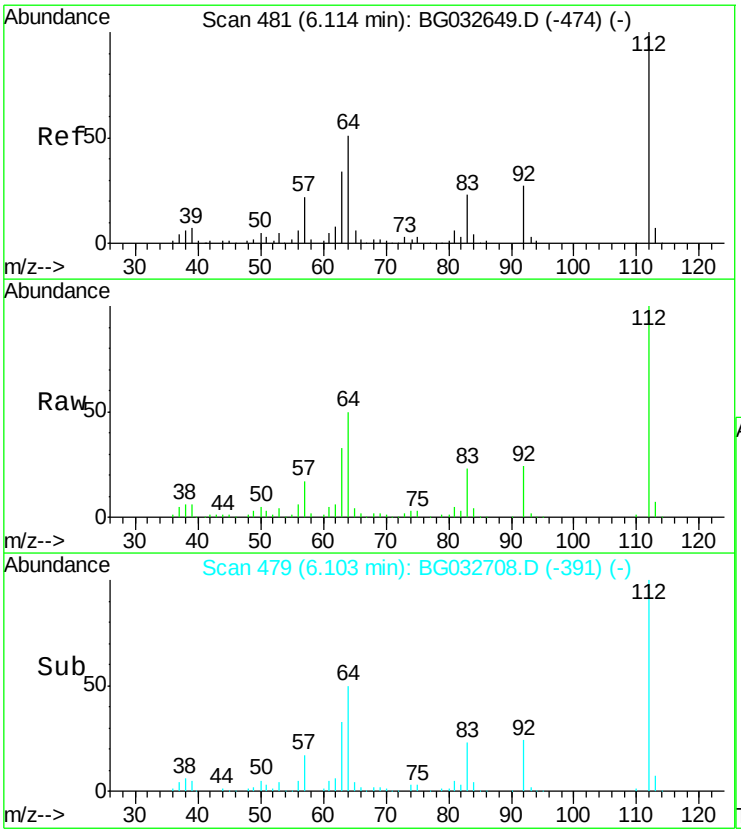
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.02 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 26842

Ion	Ratio	Lower	Upper
152	100		
150	143.0	126.6	189.8
115	56.6	53.0	79.4

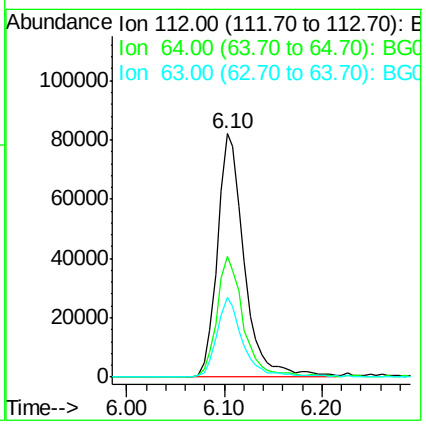


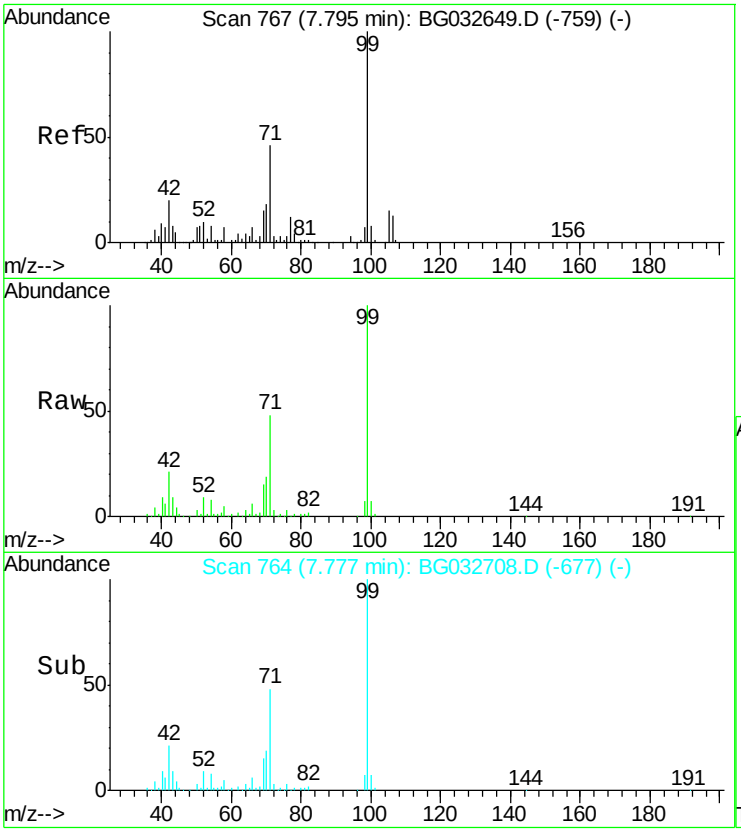


#5
2-Fluorophenol
Concen: 117.038 ng
RT: 6.10 min Scan# 479
Delta R.T. -0.01 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Tgt Ion:112 Resp: 156579

Ion	Ratio	Lower	Upper
112	100		
64	49.8	56.3	84.5#
63	32.8	30.1	45.1



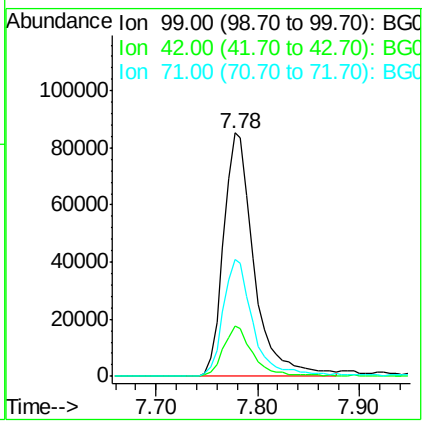


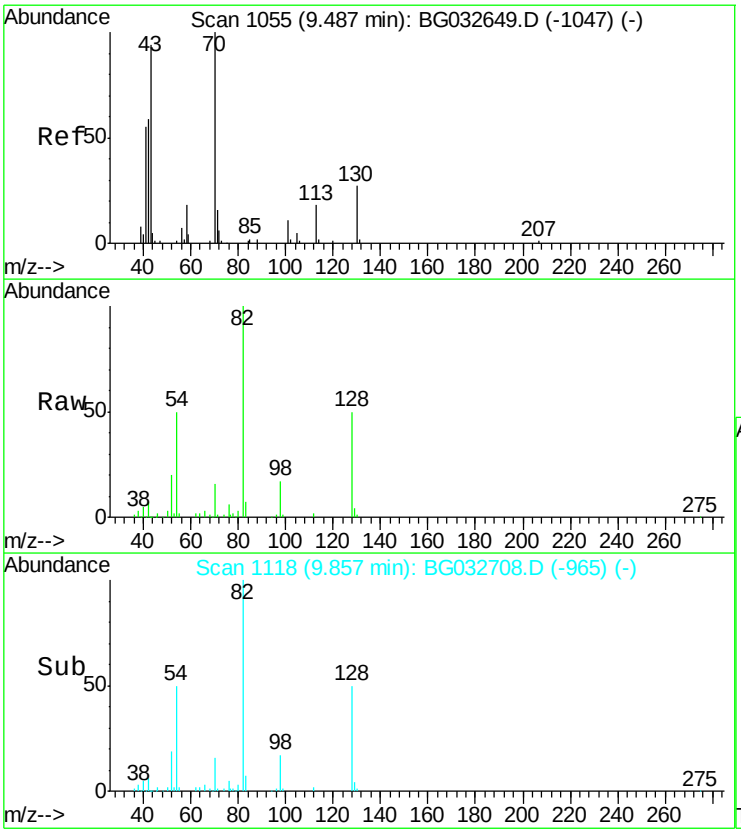
#7
Phenol-d6
Concen: 97.055 ng
RT: 7.78 min Scan# 764
Delta R.T. -0.02 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 177550

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.1	21.1
71	48.1	26.1	39.1#

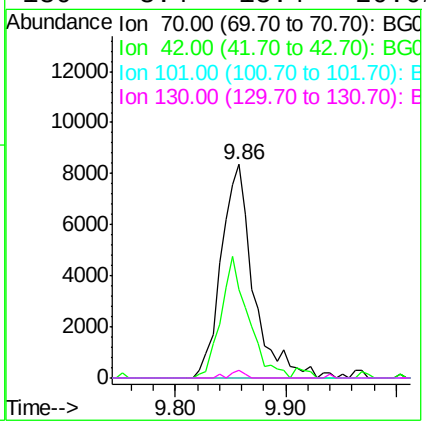


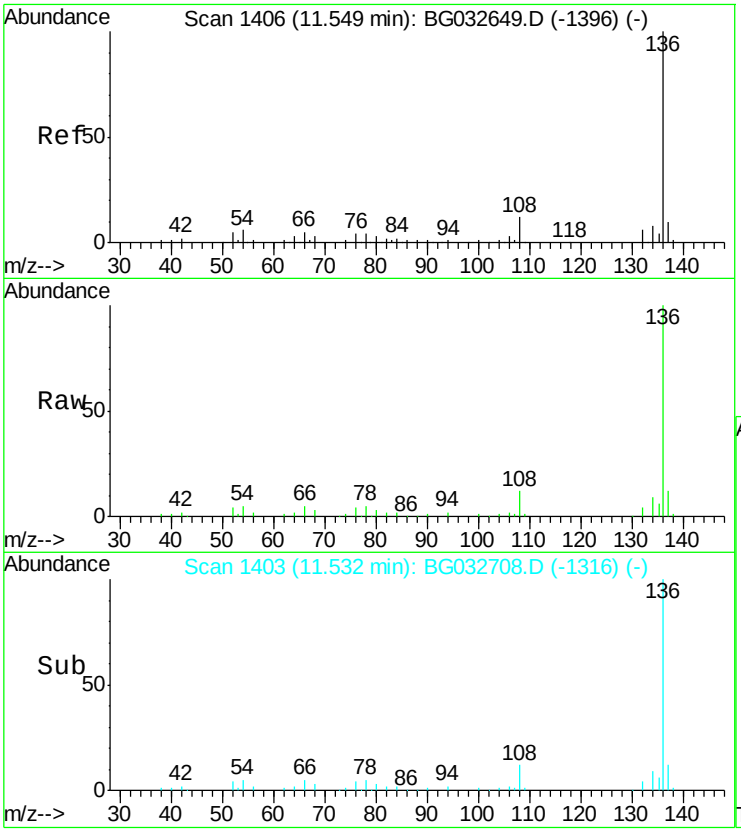


#19
n-Nitroso-di-n-propylamine
Concen: 13.859 ng
RT: 9.86 min Scan# 1118
Delta R.T. 0.37 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Tgt Ion: 70 Resp: 17045

Ion	Ratio	Lower	Upper
70	100		
42	41.3	49.1	73.7#
101	0.0	8.5	12.7#
130	3.4	13.4	20.0#



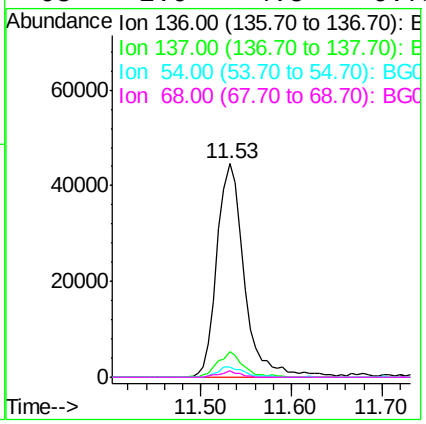


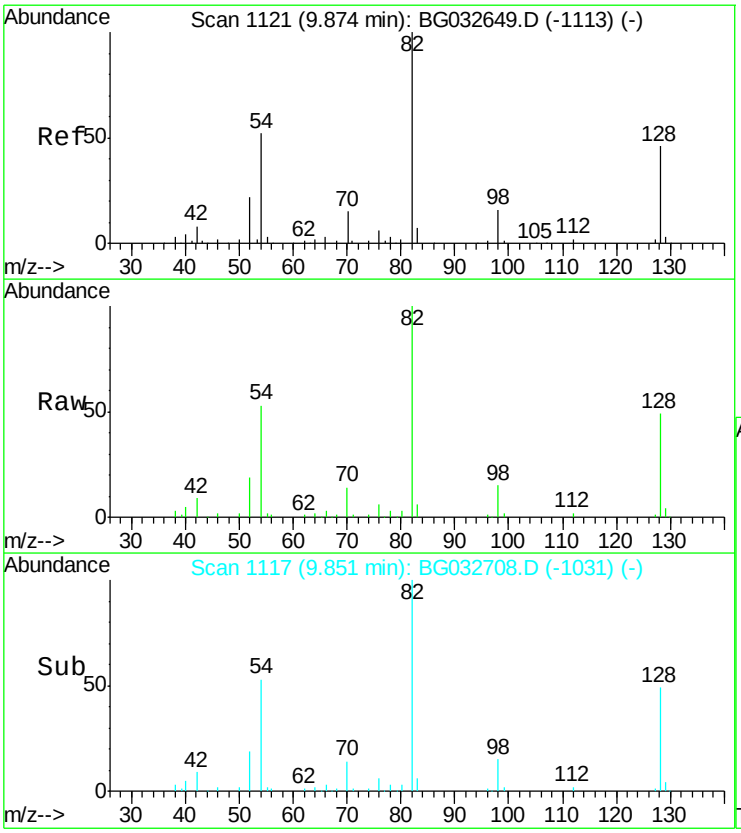
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.53 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 93950

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	4.7	10.3	15.5#
68	2.9	4.5	6.7#

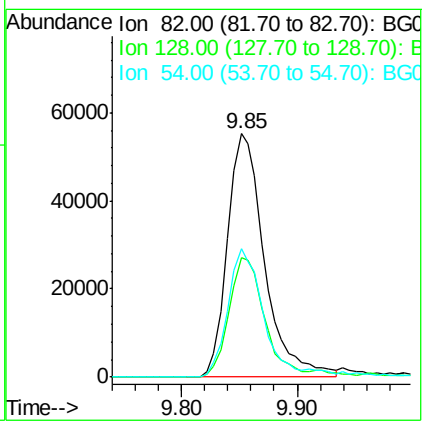


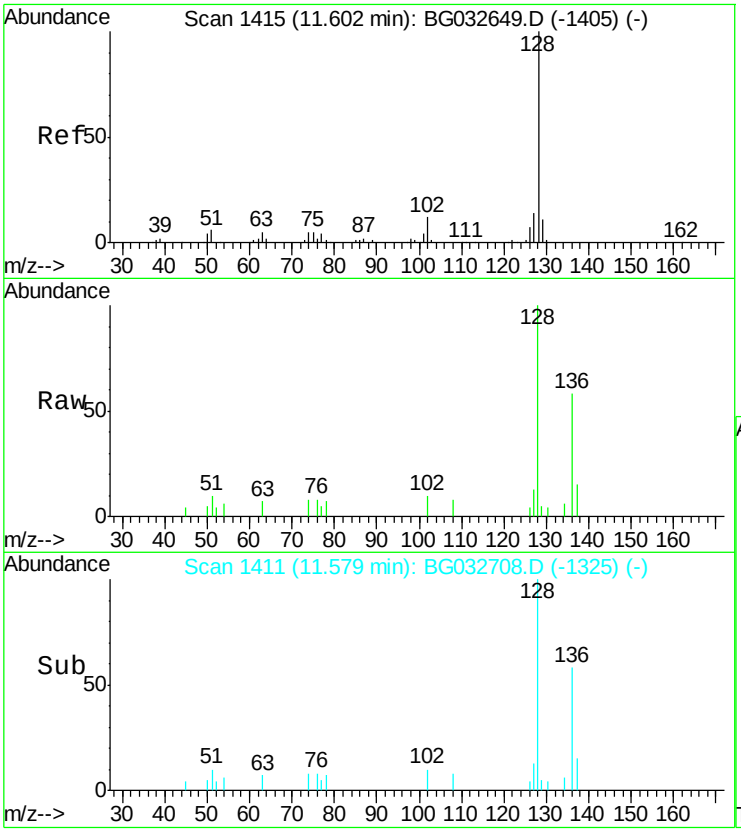


#23
Nitrobenzene-d5
Concen: 83.126 ng
RT: 9.85 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Tgt Ion: 82 Resp: 122880

Ion	Ratio	Lower	Upper
82	100		
128	49.2	29.7	44.5#
54	52.8	43.1	64.7



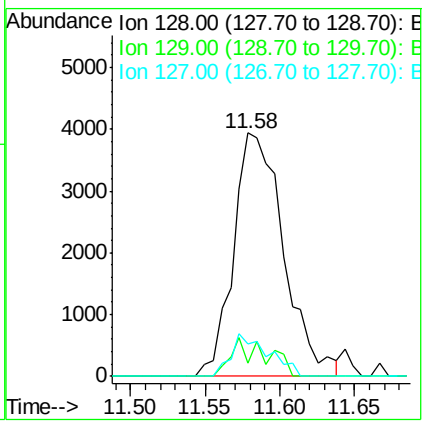


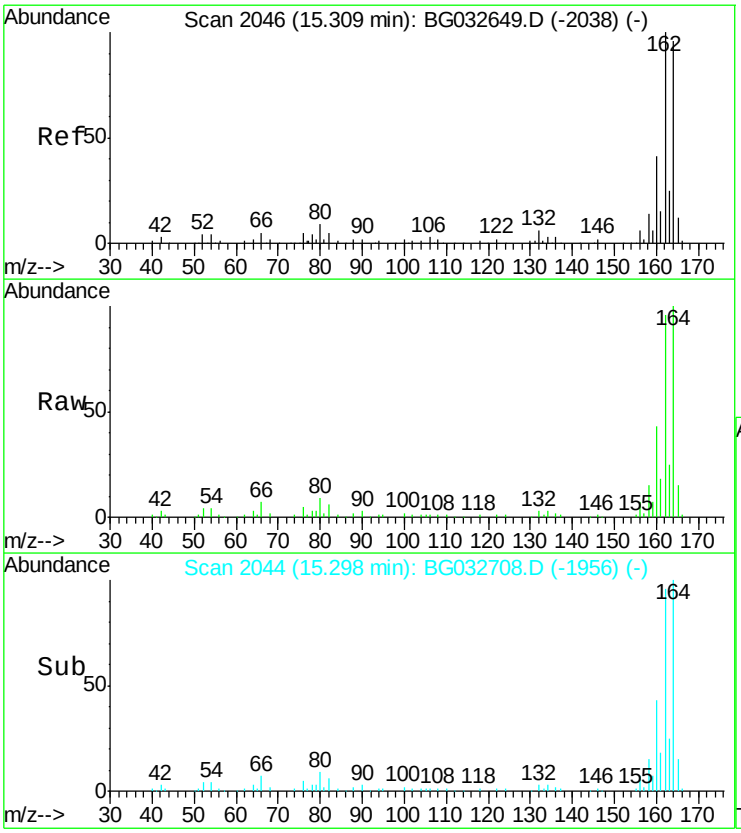
#31
Naphthalene
Concen: 2.013 ng
RT: 11.58 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 9183

Ion	Ratio	Lower	Upper
128	100		
129	5.2	8.6	12.8#
127	13.2	11.6	17.4

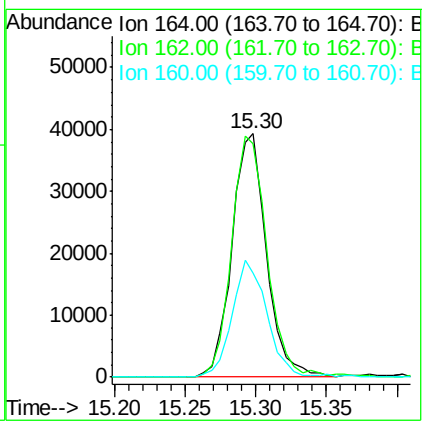


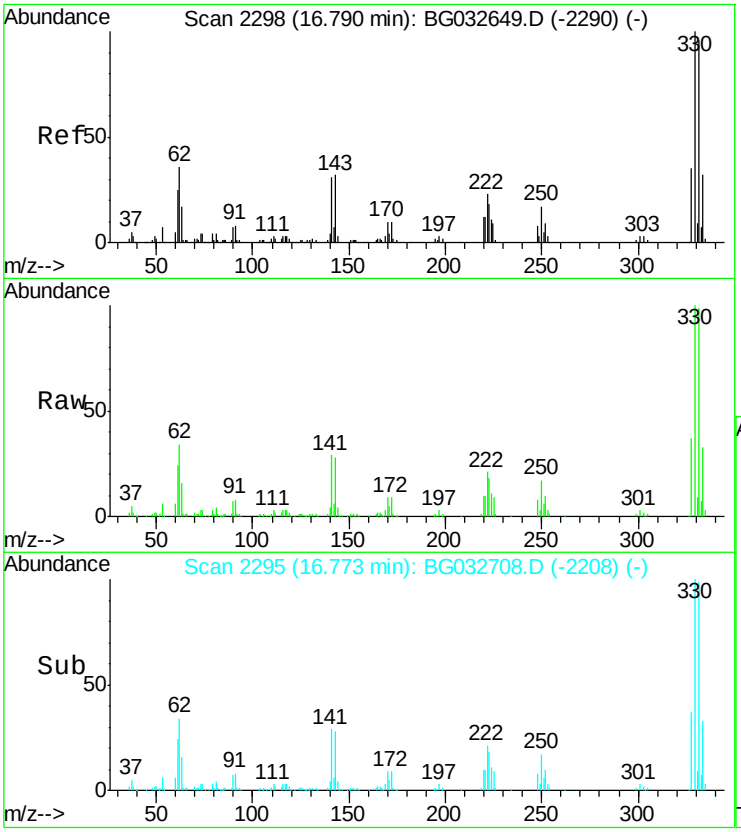


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.30 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Tgt Ion:164 Resp: 66733

Ion	Ratio	Lower	Upper
164	100		
162	95.7	78.8	118.2
160	42.7	35.4	53.0



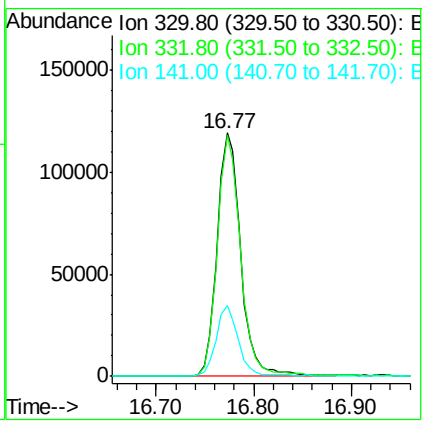


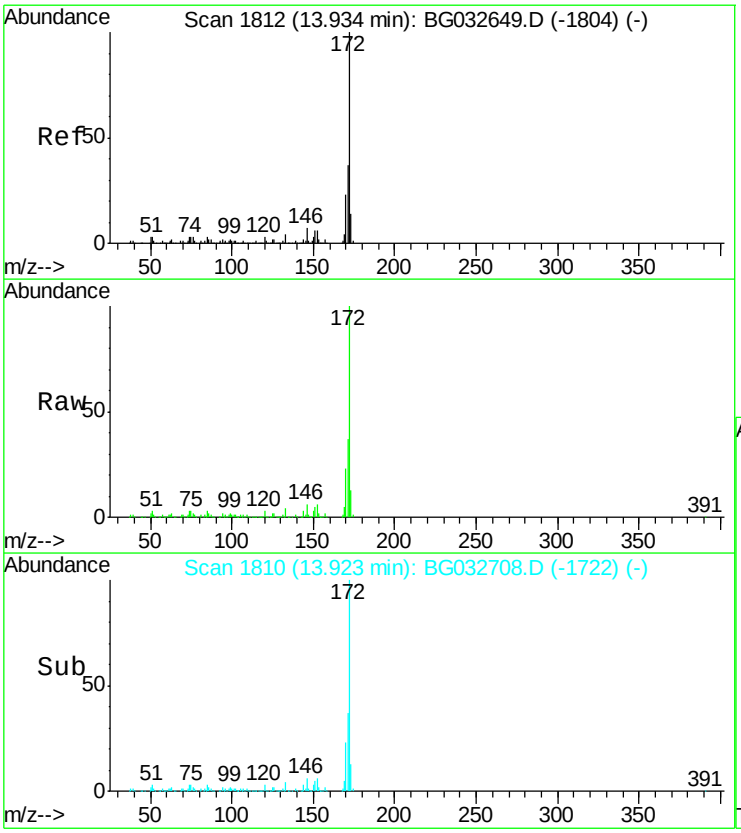
#41
2,4,6-Tribromophenol
Concen: 195.262 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.02 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 200641

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	26.9	25.2	37.8

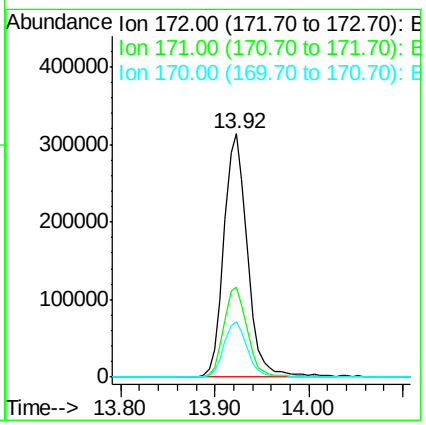


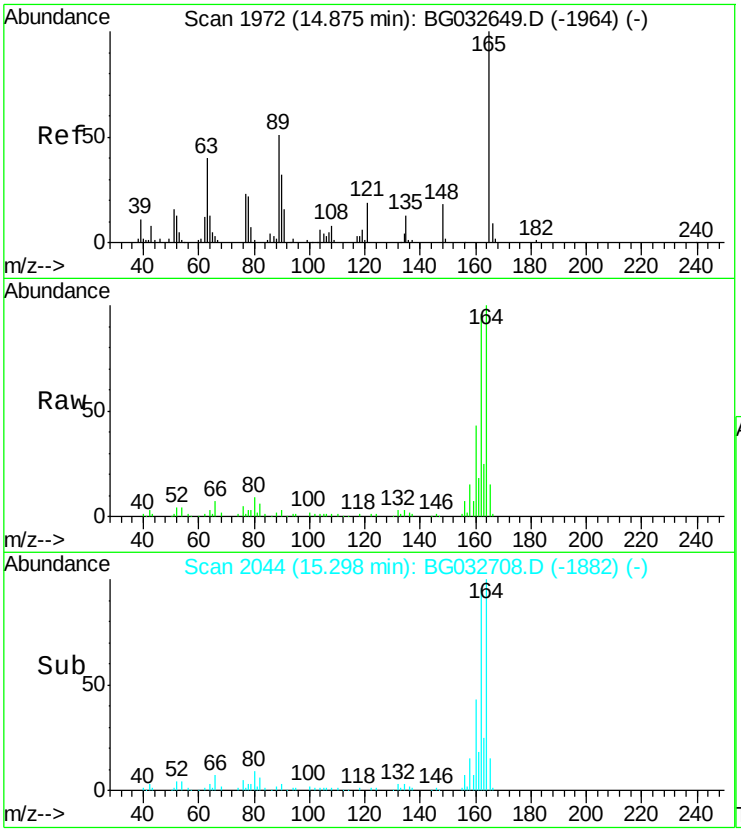


#44
2-Fluorobiphenyl
Concen: 102.129 ng
RT: 13.92 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Tgt Ion:172 Resp: 544998

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	22.9	19.5	29.3



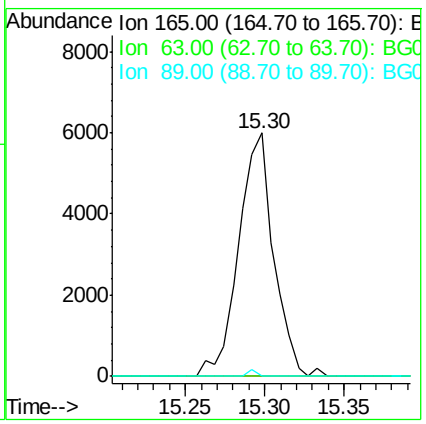


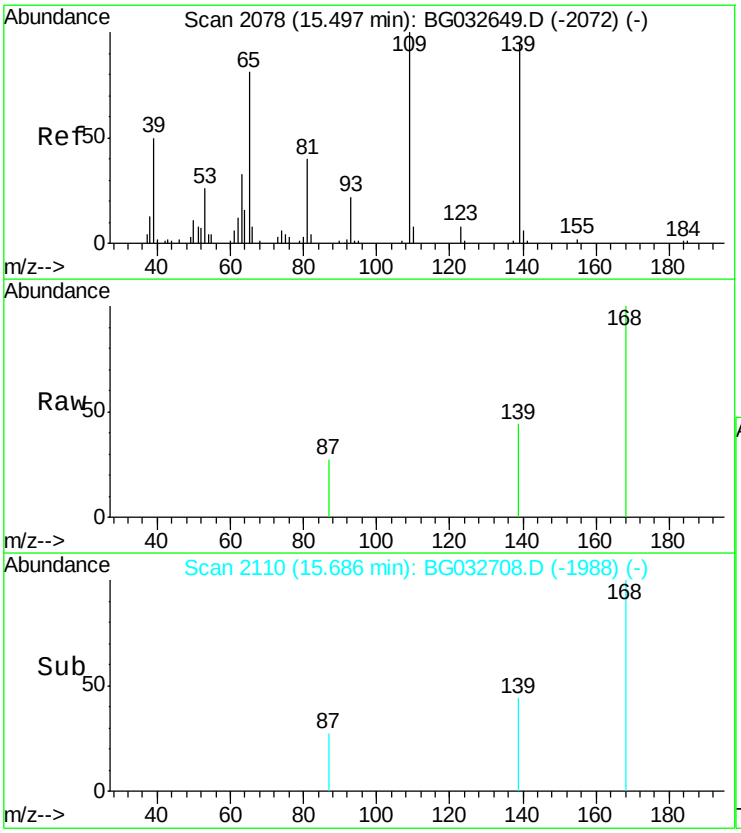
#50
2,6-Dinitrotoluene
Concen: 7.705 ng
RT: 15.30 min Scan# 2044
Delta R.T. 0.42 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9153

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

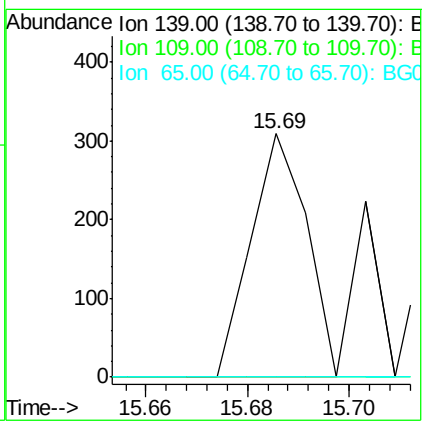


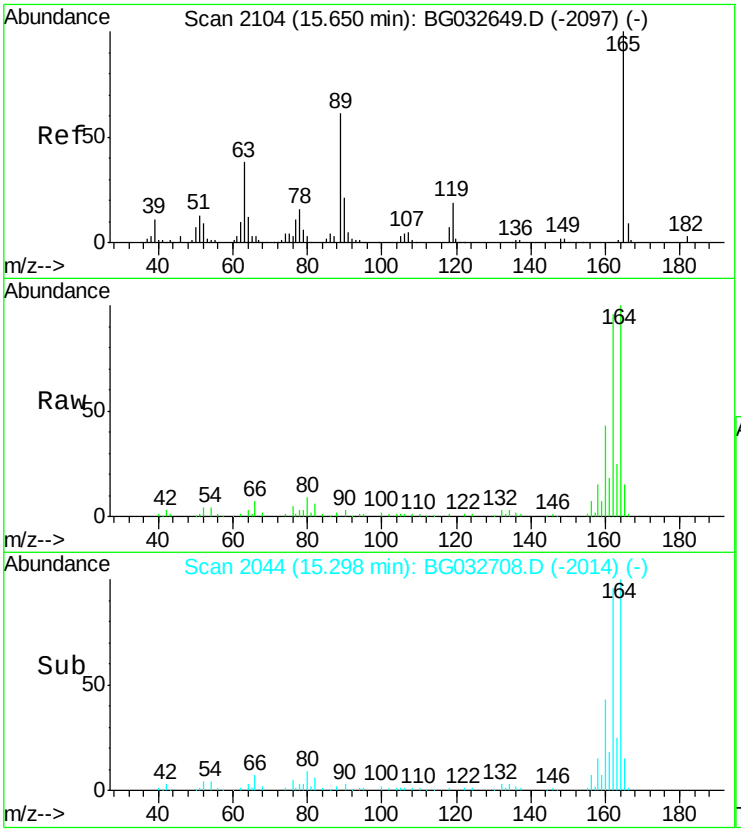


#55
4-Nitrophenol
Concen: 5.768 ng
RT: 15.69 min Scan# 2110
Delta R.T. 0.19 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Tgt Ion:139 Resp: 236

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



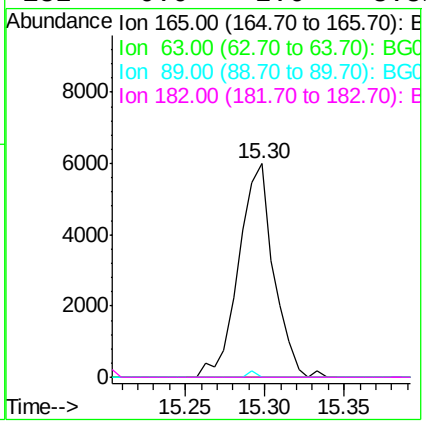


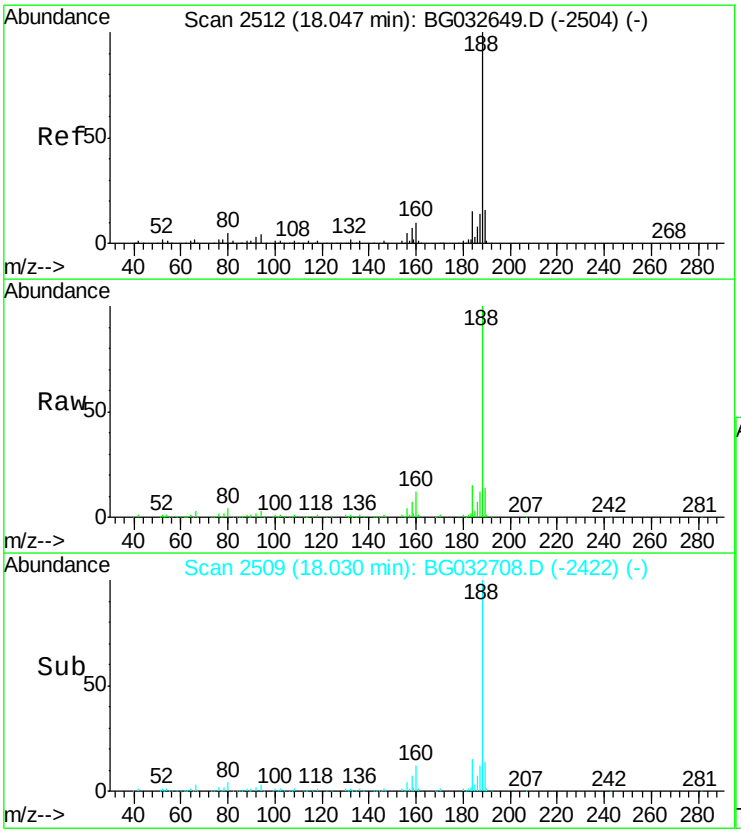
#56
2,4-Dinitrotoluene
Concen: 5.592 ng
RT: 15.30 min Scan# 2044
Delta R.T. -0.35 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9153

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#

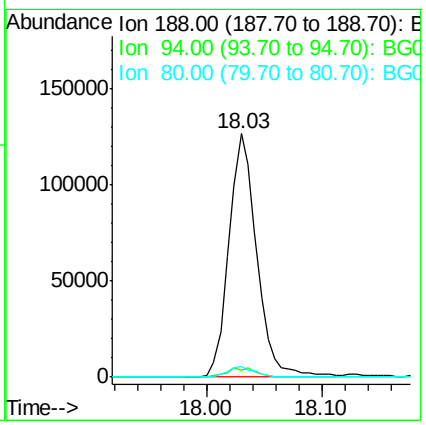


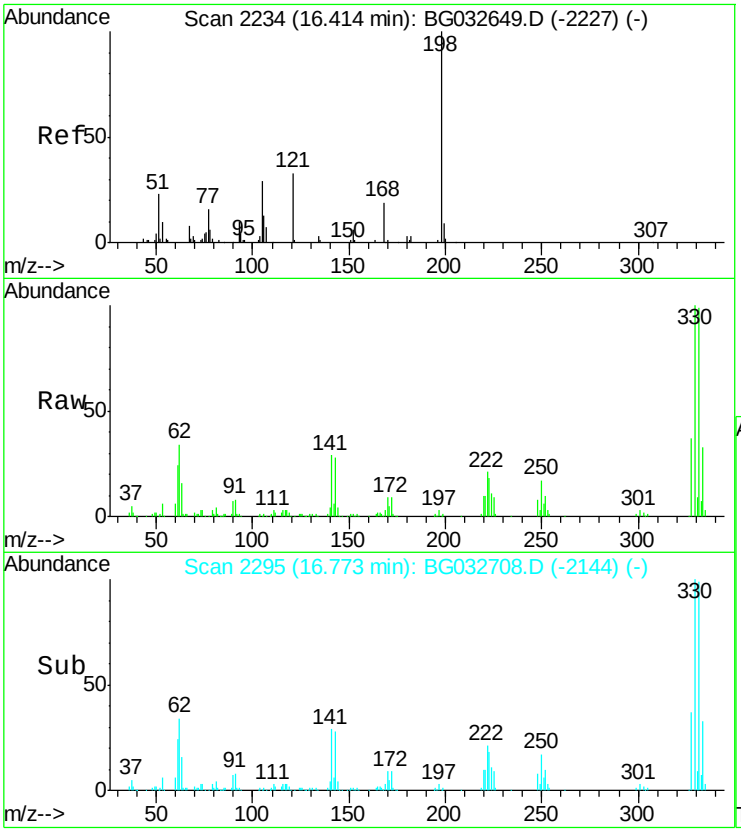


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.03 min Scan# 2509
Delta R.T. -0.02 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Tgt Ion:188 Resp: 211459

Ion	Ratio	Lower	Upper
188	100		
94	2.9	6.9	10.3#
80	4.1	7.7	11.5#



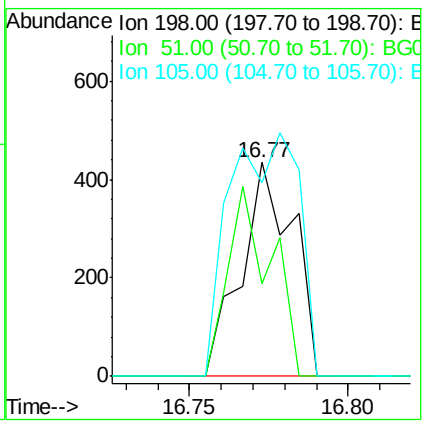


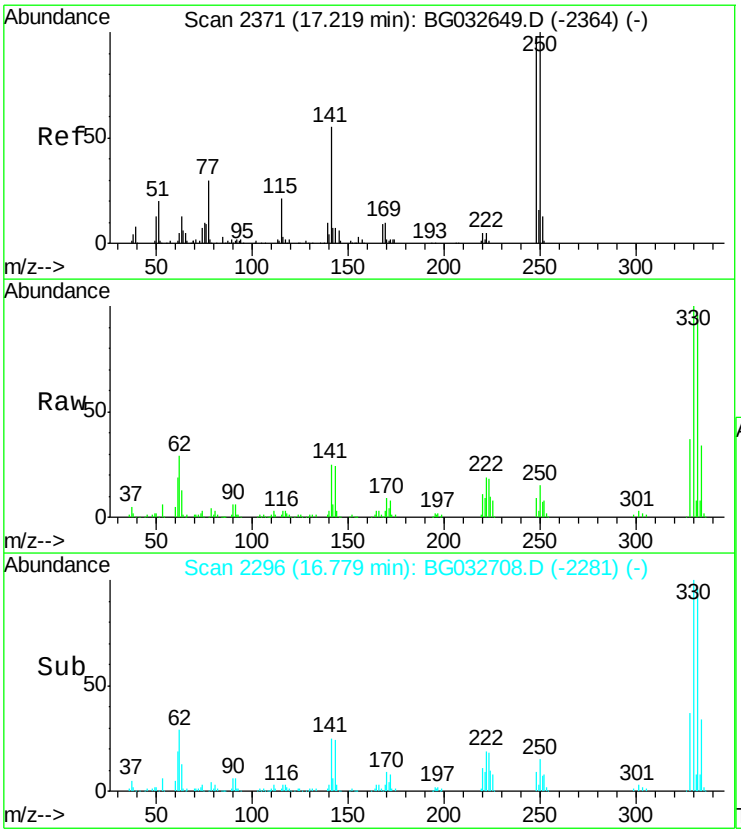
#64
4,6-Dinitro-2-methylphenol
Concen: 5.310 ng
RT: 16.77 min Scan# 2295
Delta R.T. 0.36 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 493

Ion	Ratio	Lower	Upper
198	100		
51	43.0	30.6	70.6
105	90.3	23.8	63.8#

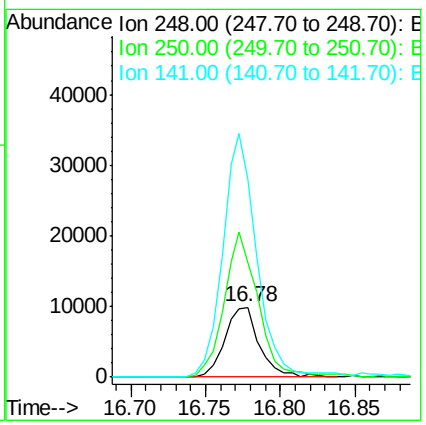


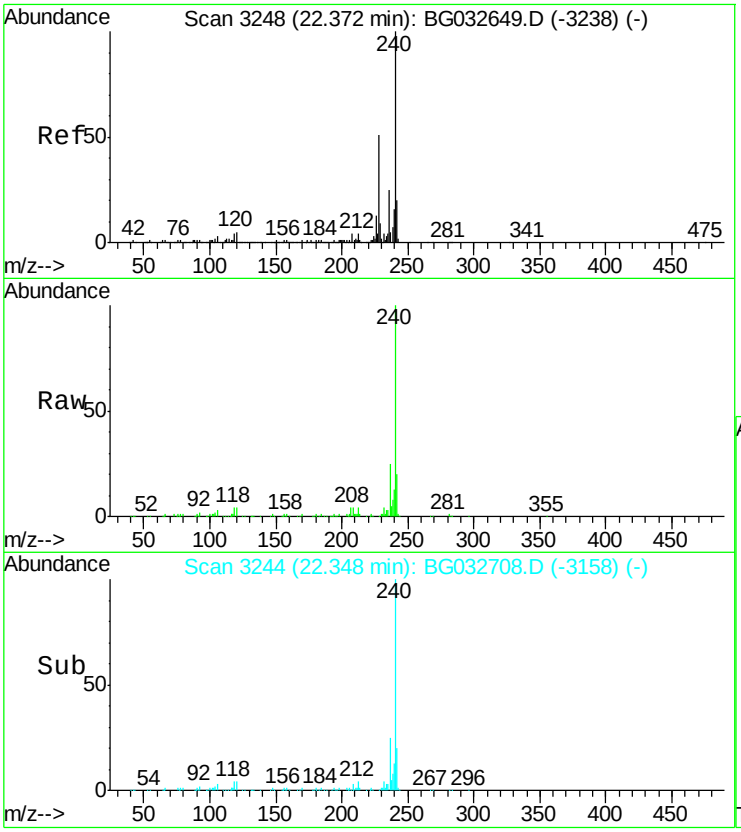


#66
4-Bromophenyl-phenylether
Concen: 5.232 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.44 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Tgt Ion:248 Resp: 15832

Ion	Ratio	Lower	Upper
248	100		
250	164.6	77.1	115.7#
141	284.4	50.8	76.2#



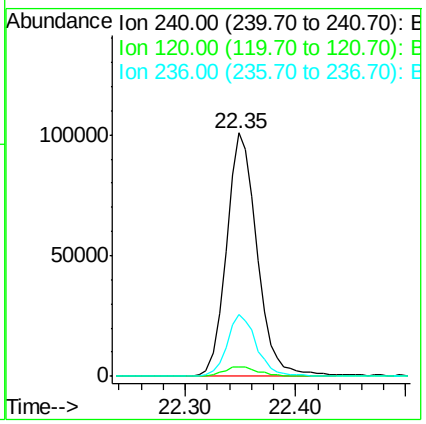


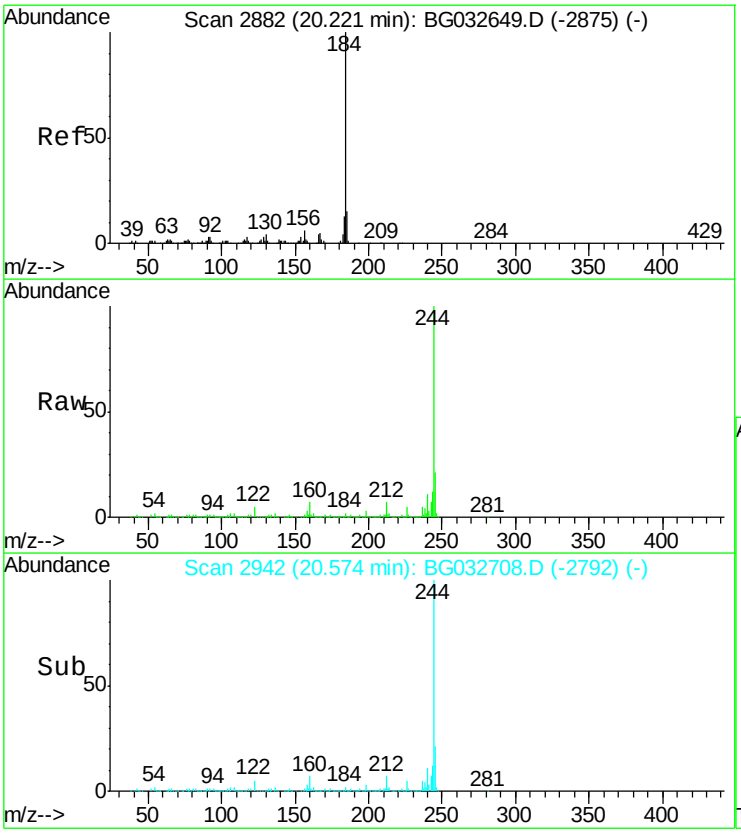
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.35 min Scan# 3244
Delta R.T. -0.02 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 195854

Ion	Ratio	Lower	Upper
240	100		
120	3.9	6.8	10.2#
236	25.3	20.9	31.3

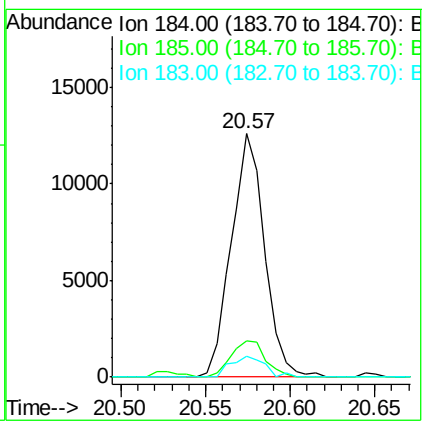


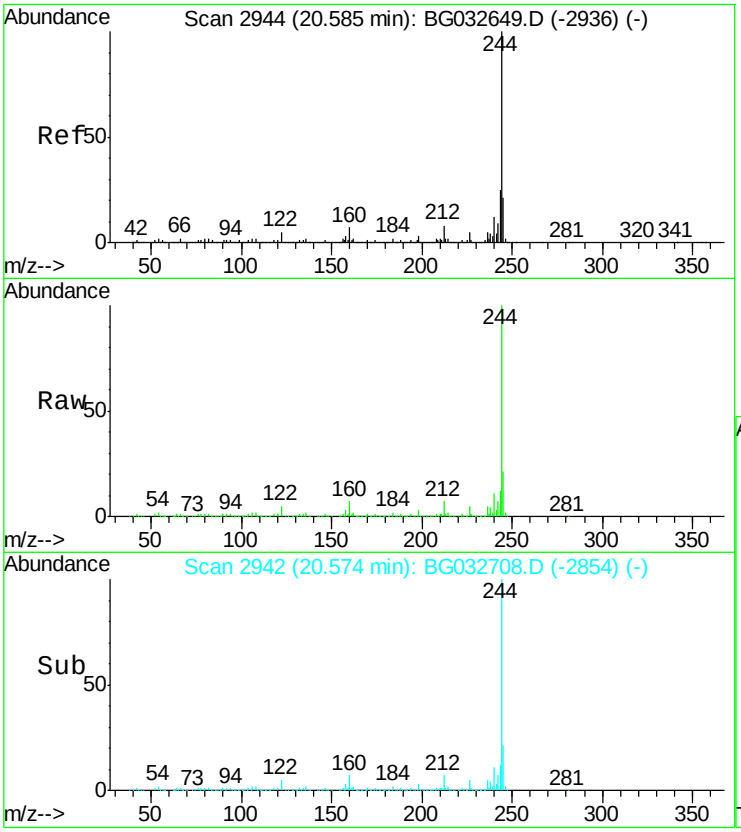


#76
Benzidine
Concen: 3.747 ng
RT: 20.57 min Scan# 2942
Delta R.T. 0.35 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Tgt Ion:184 Resp: 17282

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.1	16.7
183	8.6	10.6	16.0#



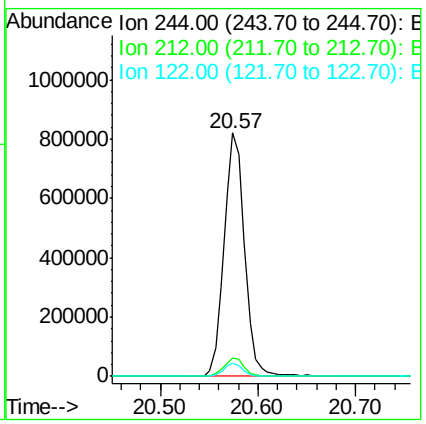


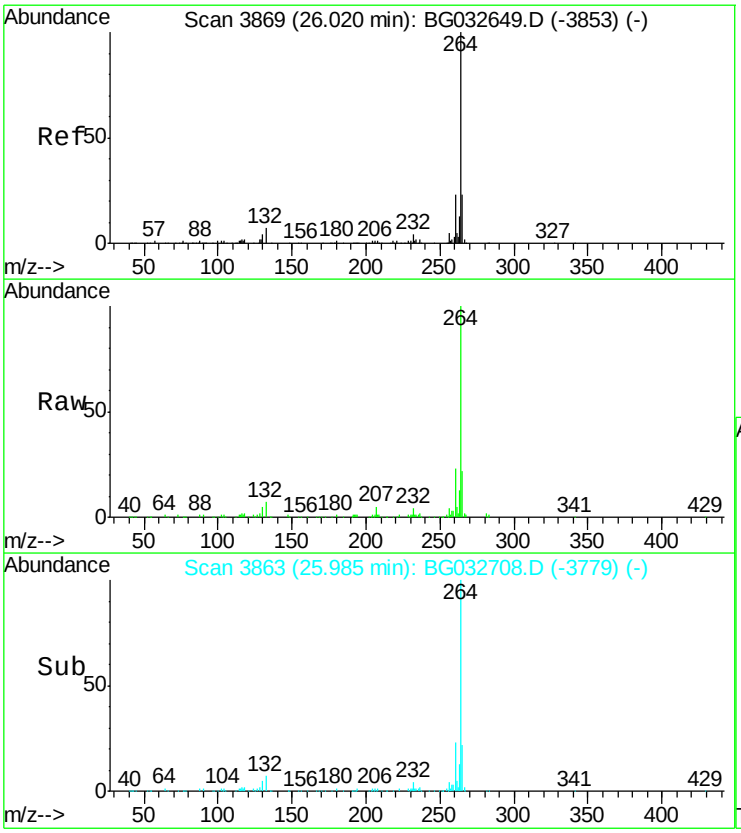
#78
Terphenyl-d14
Concen: 138.666 ng
RT: 20.57 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1191568

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	5.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.99 min Scan# 3863
Delta R.T. -0.03 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Tgt Ion:264 Resp: 295203

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.5	17.7	26.5