Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010318\
Data File : BG031908.D
Acq On : 4 Jan 2018 2:37
Operator : SJ/JU
Sample : J1006-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 04 08:13:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	51419	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	207207	20.00	ng		0.00
38) Acenaphthene-d10	15.41	164	145223	20.00	ng		-0.01
63) Phenanthrene-d10	18.15	188	372060	20.00	ng		0.00
75) Chrysene-d12	22.49	240	423210	20.00	ng		-0.01
86) Perylene-d12	26.23	264	447974	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	368285	130.46	ng		0.00
7) Phenol-d6	7.89	99	435217	118.74	ng		0.00
23) Nitrobenzene-d5	9.98	82	275595	100.43	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	270912	122.26	ng		0.00
44) 2-Fluorobiphenyl	14.04	172	1015672	87.78	ng		0.00
78) Terphenyl-d14	20.68	244	1802261	97.29	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.92	94	8040	2.173	ng		94
19) n-Nitroso-di-n-propylamine	9.51	70	9243	3.693	ng	#	85
32) Benzoic acid	10.88	122	63	6.720	ng	#	21
50) 2,6-Dinitrotoluene	15.41	165	18284	7.769	ng	#	20
56) 2,4-Dinitrotoluene	15.41	165	18284	6.042	ng	#	18
64) 4,6-Dinitro-2-methylphenol	16.88	198	237	8.414	ng	#	21
66) 4-Bromophenyl-phenylether	16.89	248	21825	4.057	ng	#	1

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

Quantitation Report (Not Reviewed)

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ClientSampleId :

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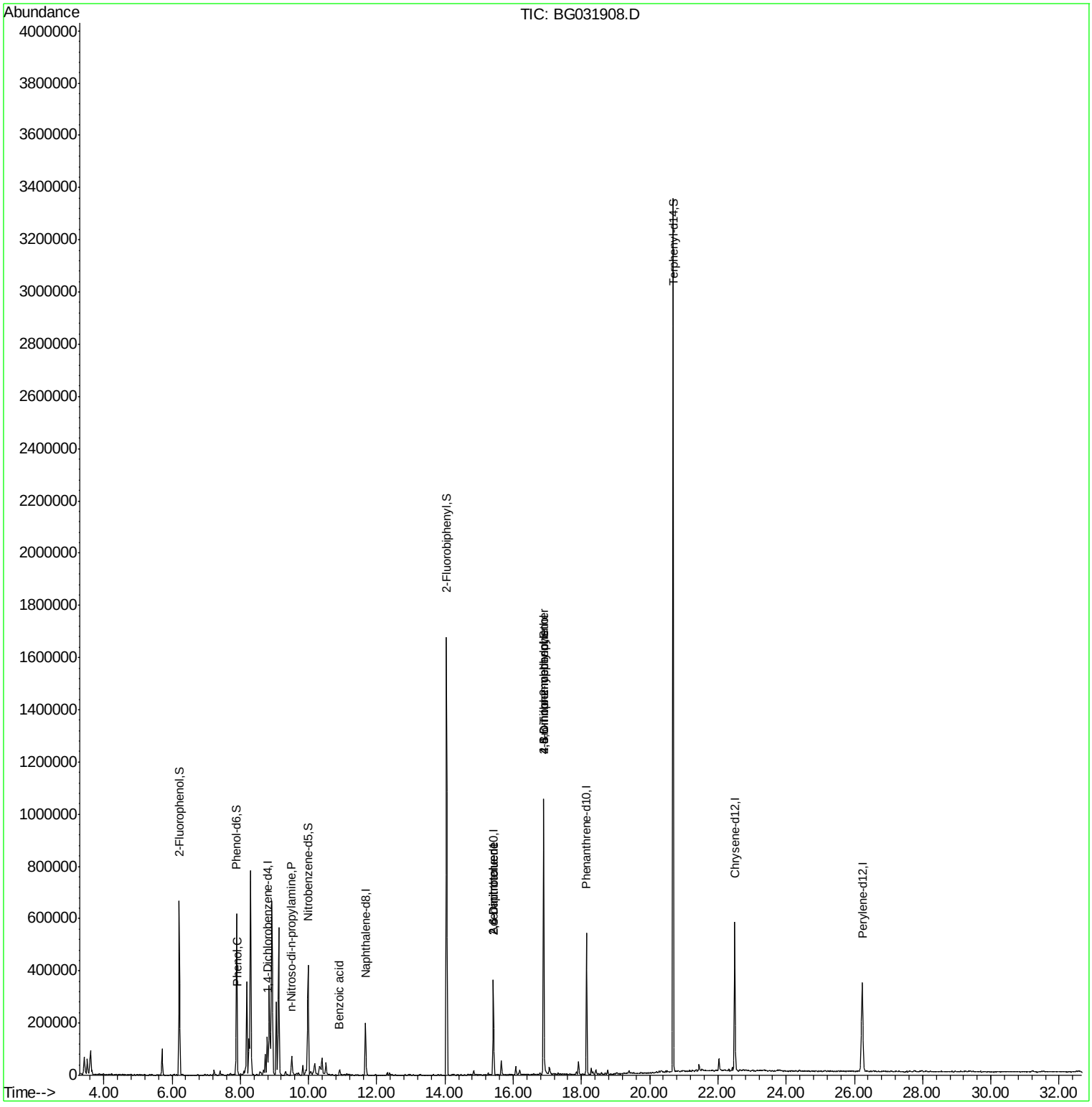
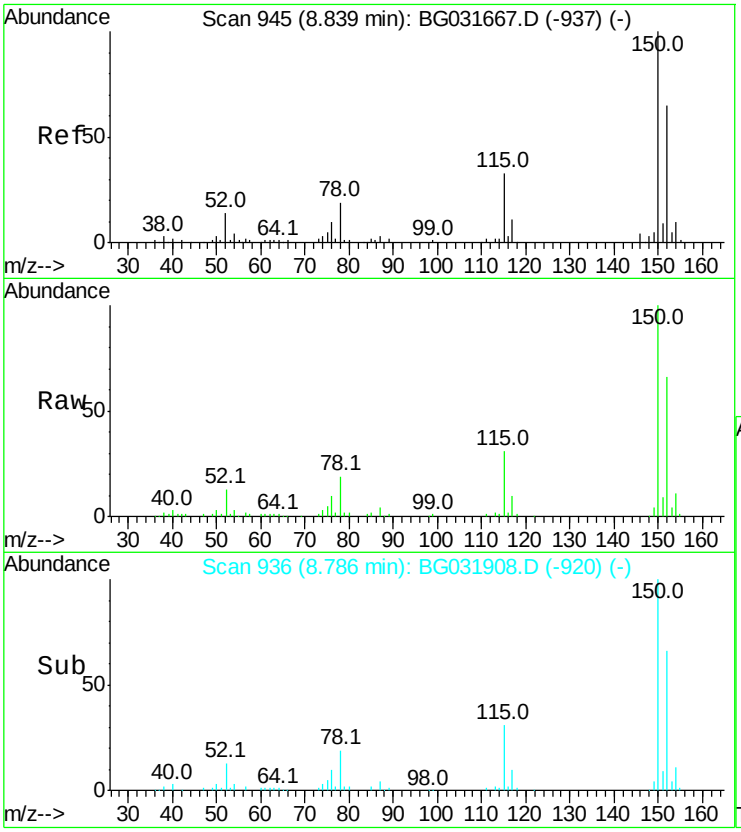


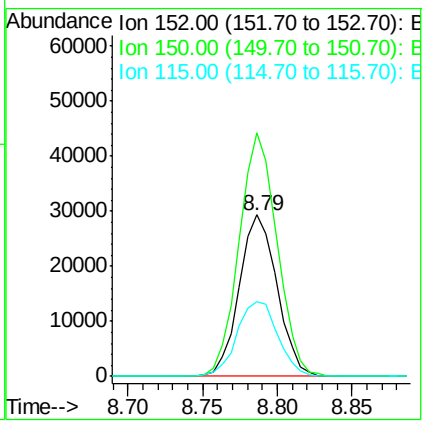


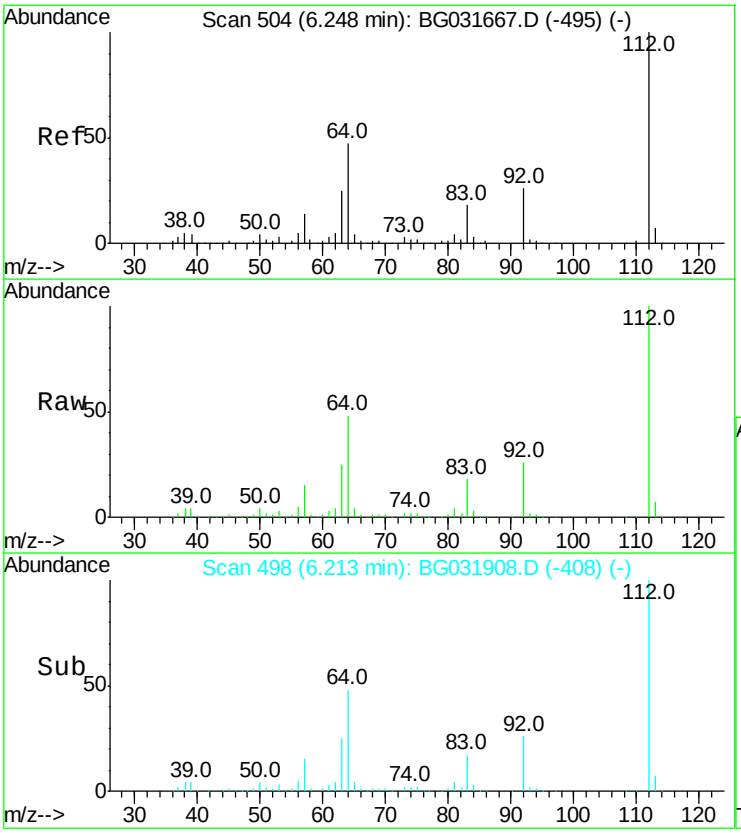
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031908.D
Acq: 4 Jan 2018 2:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 51419

Ion	Ratio	Lower	Upper
152	100		
150	151.1	126.6	189.8
115	46.1	53.0	79.4#

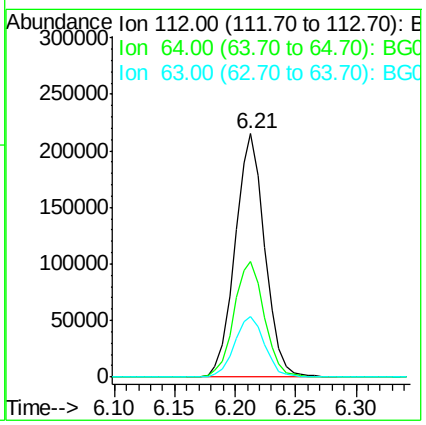


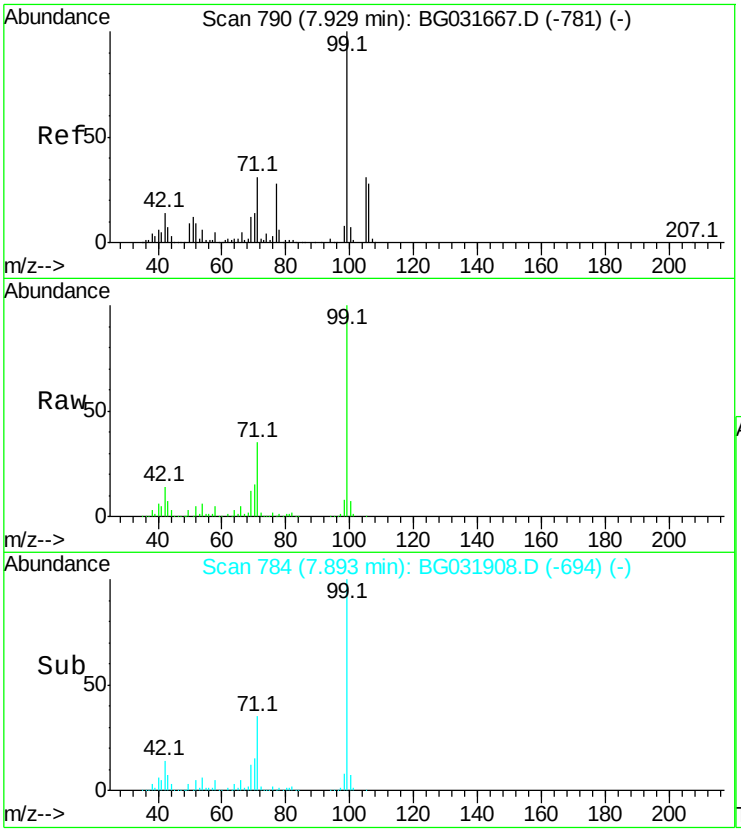


#5
2-Fluorophenol
Concen: 130.455 ng
RT: 6.21 min Scan# 498
Delta R.T. -0.00 min
Lab File: BG031908.D
Acq: 4 Jan 2018 2:37

Tgt Ion:112 Resp: 368285

Ion	Ratio	Lower	Upper
112	100		
64	47.7	56.3	84.5#
63	24.7	30.1	45.1#



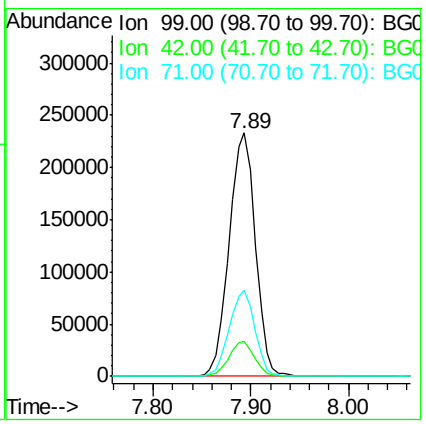


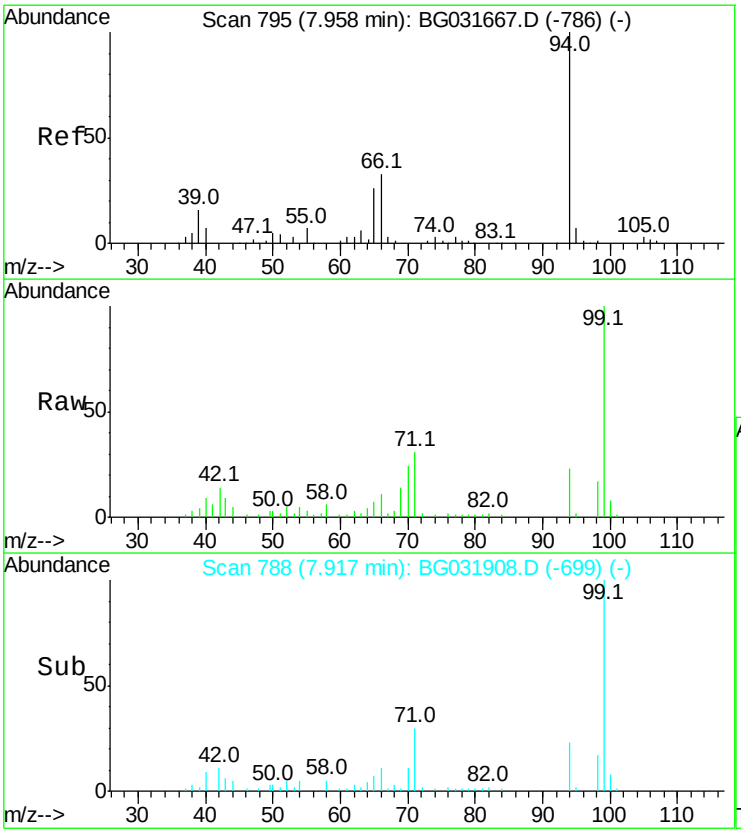
#7
Phenol-d6
Concen: 118.740 ng
RT: 7.89 min Scan# 784
Delta R.T. -0.00 min
Lab File: BG031908.D
Acq: 4 Jan 2018 2:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 435217

Ion	Ratio	Lower	Upper
99	100		
42	14.1	14.1	21.1
71	35.2	26.1	39.1

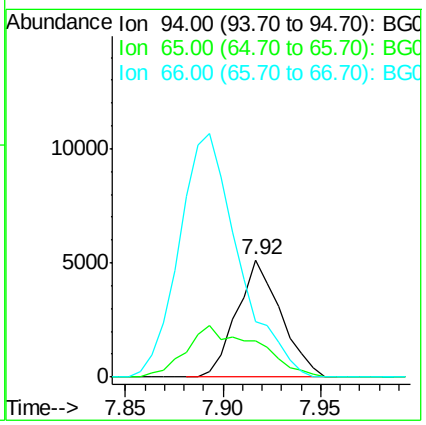


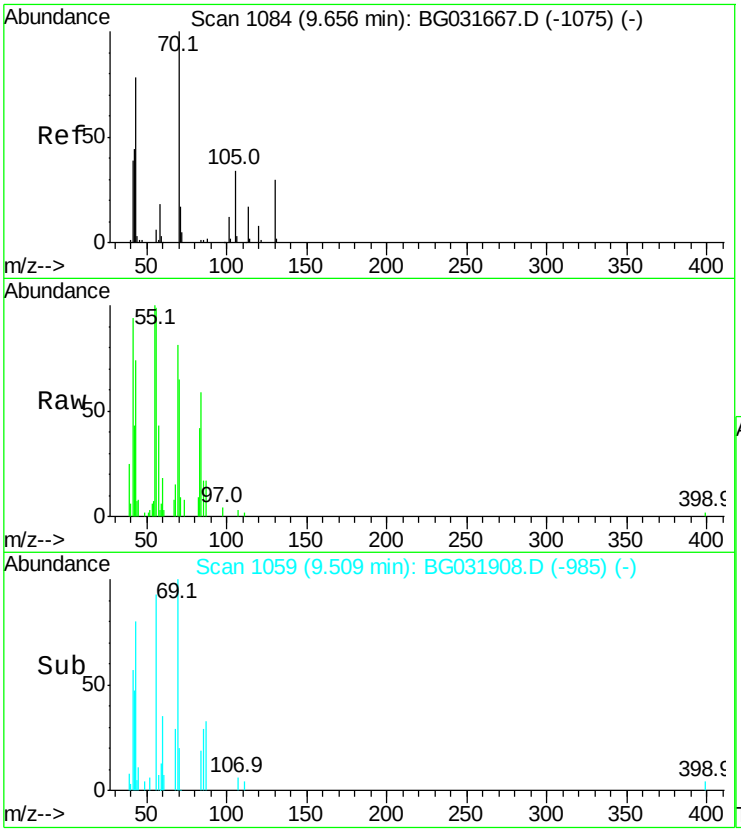


#10
Phenol
Concen: 2.173 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG031908.D
Acq: 4 Jan 2018 2:37

Tgt Ion: 94 Resp: 8040

Ion	Ratio	Lower	Upper
94	100		
65	30.5	11.9	51.9
66	47.3	22.2	62.2



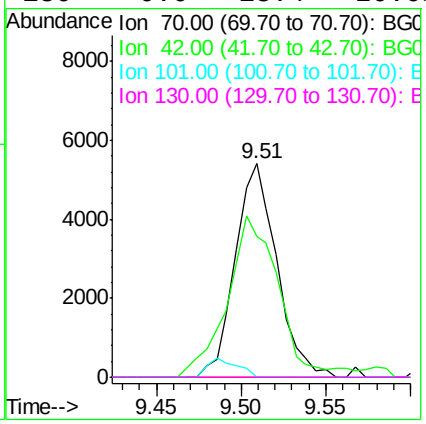


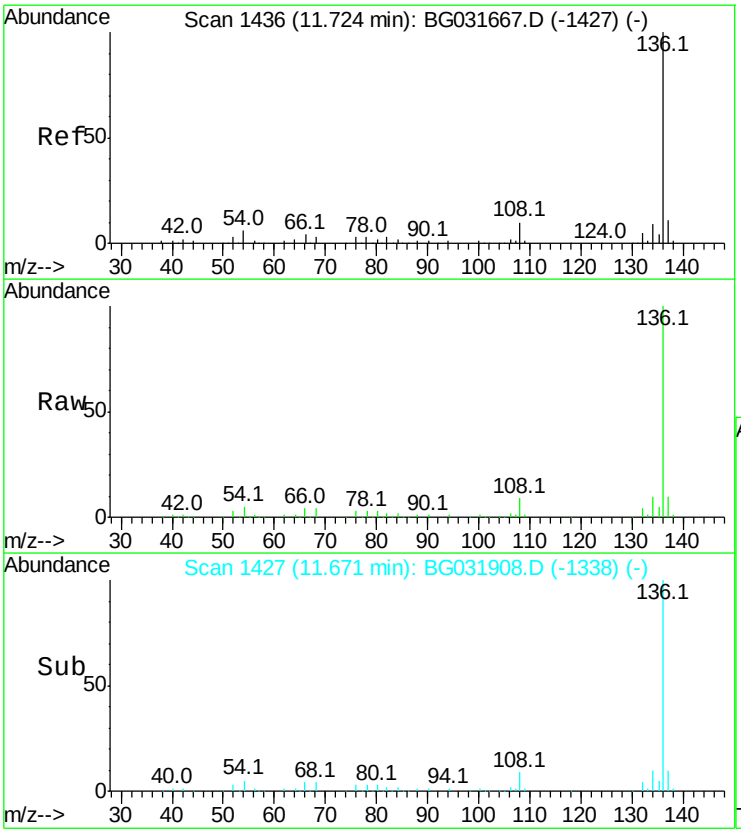
#19
n-Nitroso-di-n-propylamine
Concen: 3.693 ng
RT: 9.51 min Scan# 1059
Delta R.T. -0.09 min
Lab File: BG031908.D
Acq: 4 Jan 2018 2:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 9243

Ion	Ratio	Lower	Upper
70	100		
42	65.9	49.1	73.7
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#

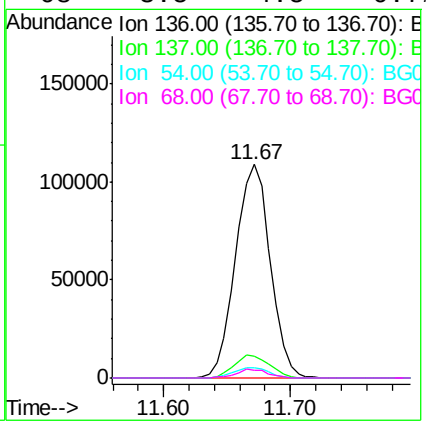


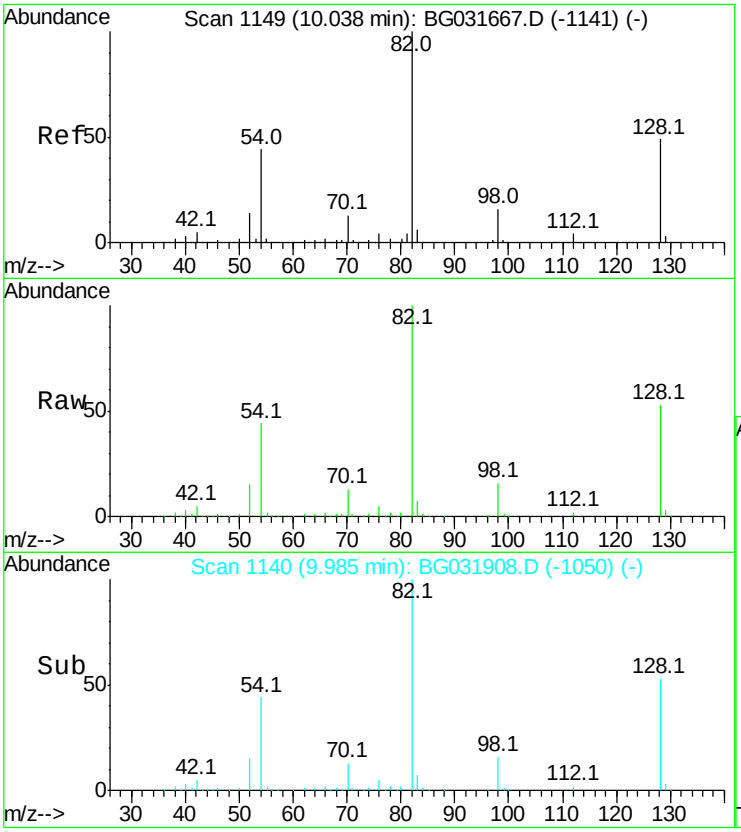


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BG031908.D
Acq: 4 Jan 2018 2:37

Tgt Ion:136 Resp: 207207

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	5.0	10.3	15.5#
68	3.5	4.5	6.7#



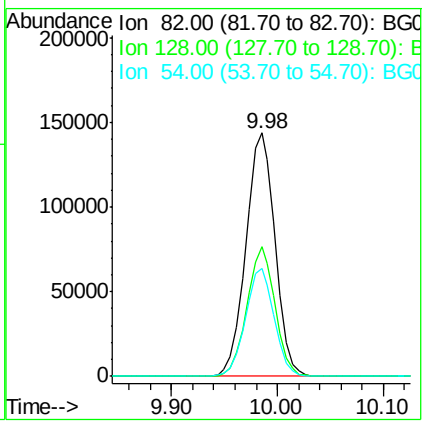


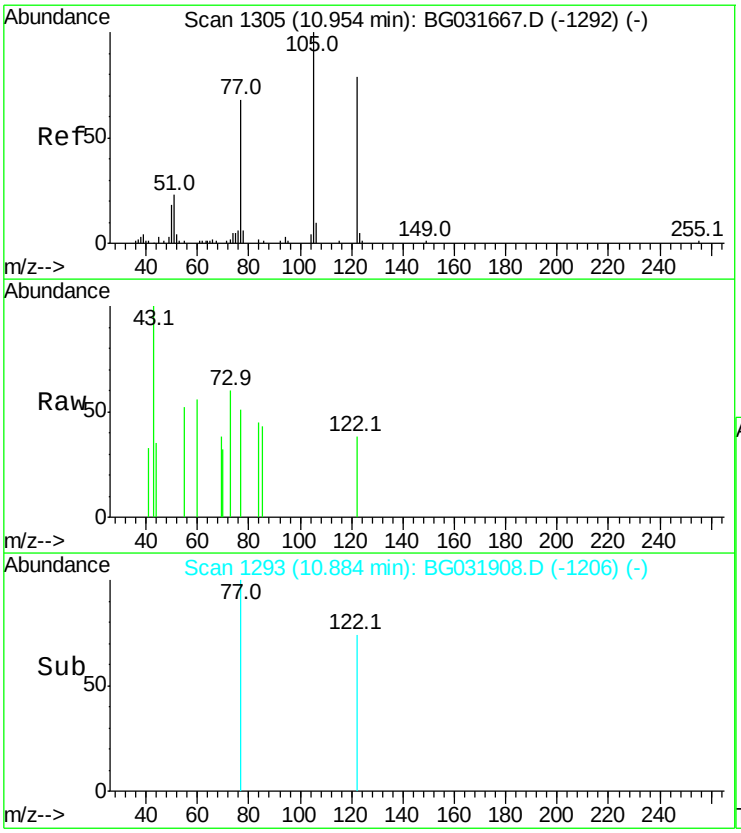
#23
Nitrobenzene-d5
Concen: 100.435 ng
RT: 9.98 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG031908.D
Acq: 4 Jan 2018 2:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 275595

Ion	Ratio	Lower	Upper
82	100		
128	53.5	29.7	44.5#
54	44.3	43.1	64.7

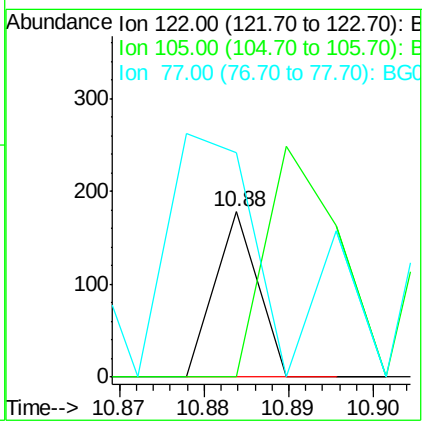


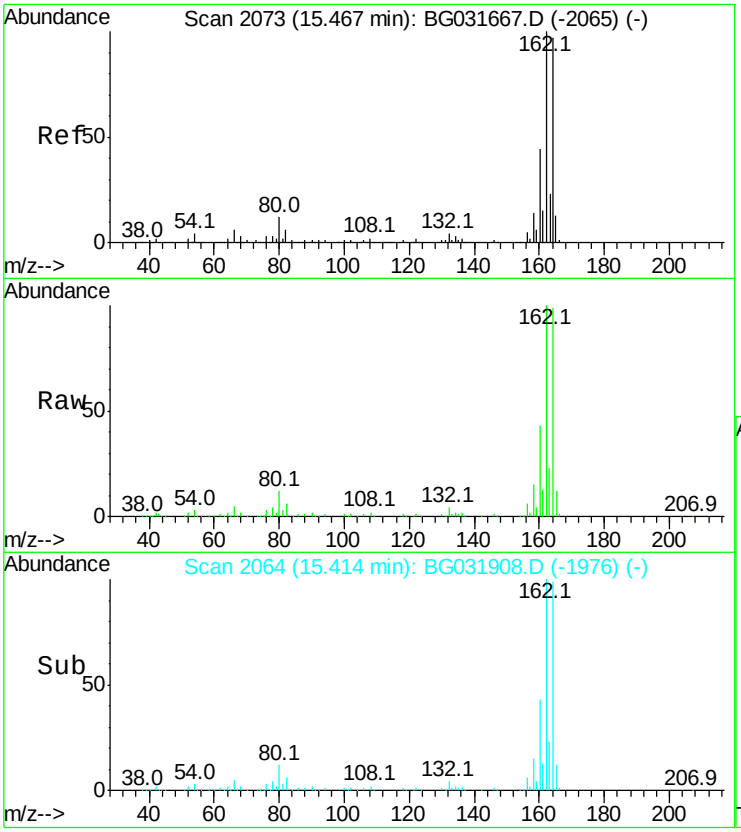


#32
Benzoic acid
Concen: 6.720 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BG031908.D
Acq: 4 Jan 2018 2:37

Tgt Ion:122 Resp: 63

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	135.4	85.7	125.7#



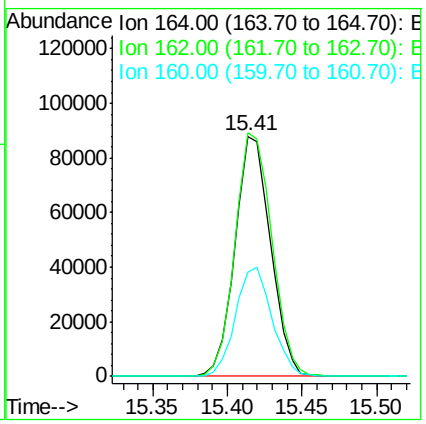


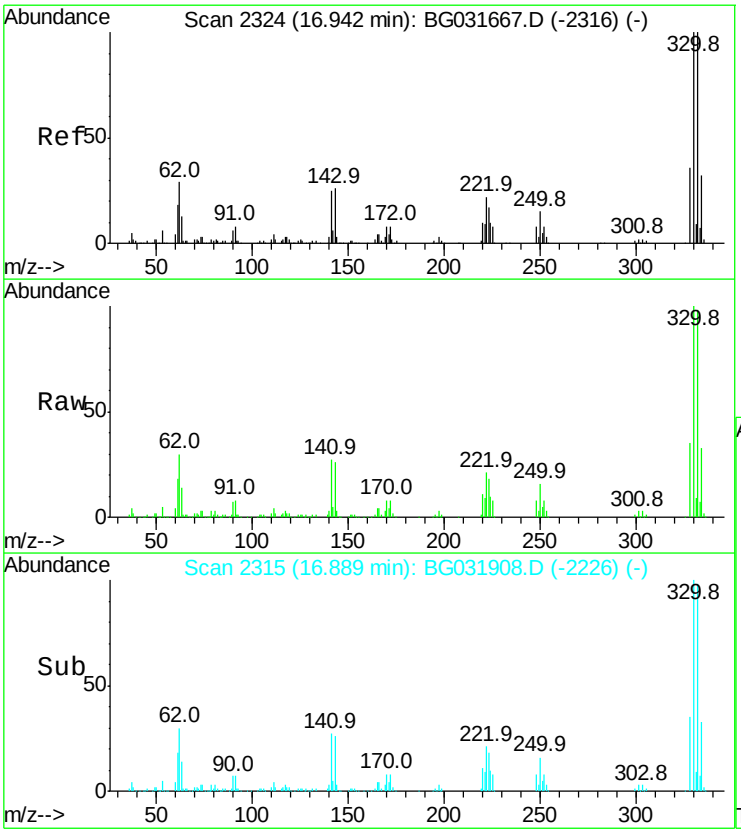
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031908.D
Acq: 4 Jan 2018 2:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 145223

Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	43.4	35.4	53.0

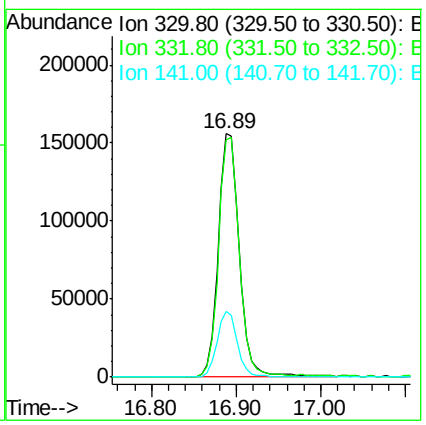


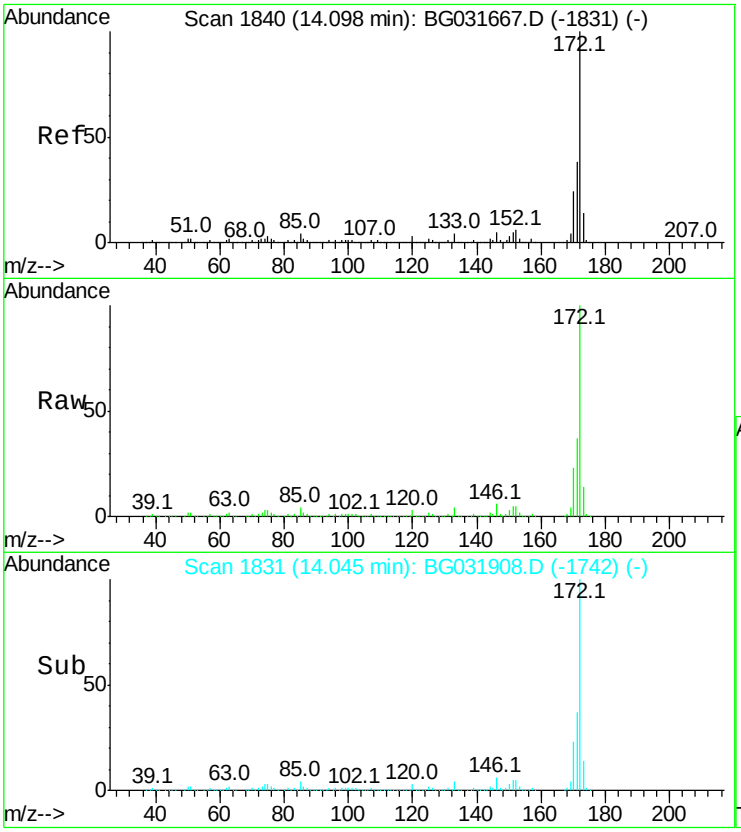


#41
2,4,6-Tribromophenol
Concen: 122.258 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG031908.D
Acq: 4 Jan 2018 2:37

Tgt Ion:330 Resp: 270912

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	26.1	25.2	37.8



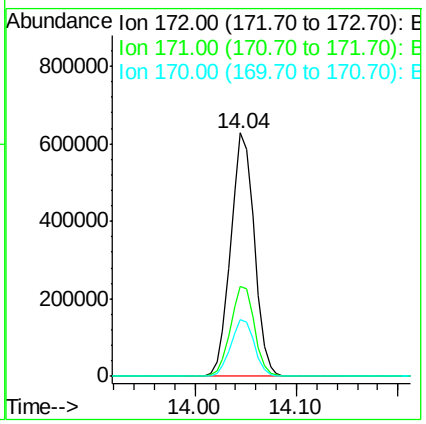


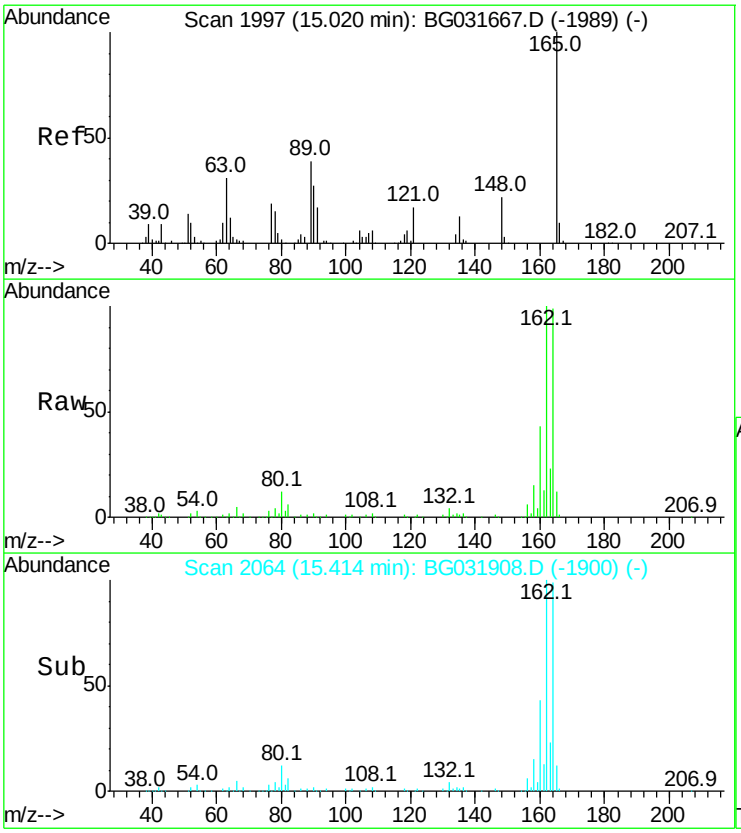
#44
2-Fluorobiphenyl
Concen: 87.783 ng
RT: 14.04 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG031908.D
Acq: 4 Jan 2018 2:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1015672

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.5	19.5	29.3

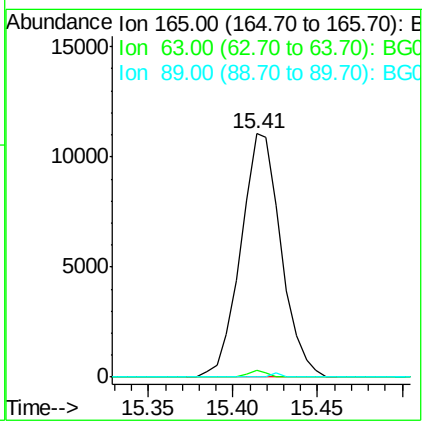


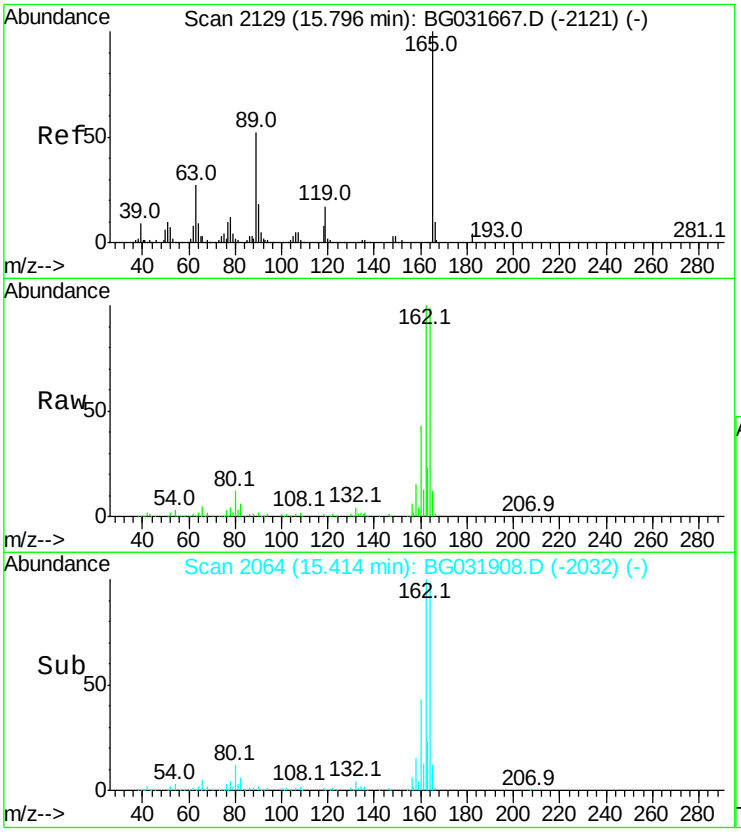


#50
2,6-Dinitrotoluene
Concen: 7.769 ng
RT: 15.41 min Scan# 2064
Delta R.T. 0.43 min
Lab File: BG031908.D
Acq: 4 Jan 2018 2:37

Tgt Ion:165 Resp: 18284

Ion	Ratio	Lower	Upper
165	100		
63	2.6	52.7	79.1#
89	0.0	49.2	73.8#



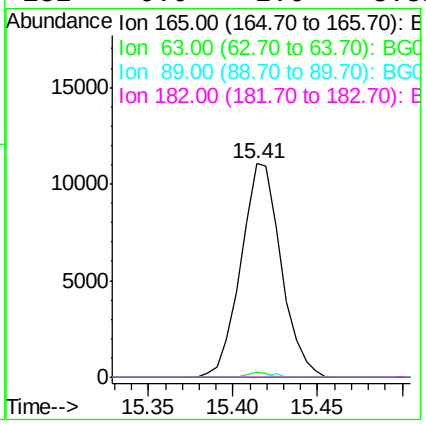


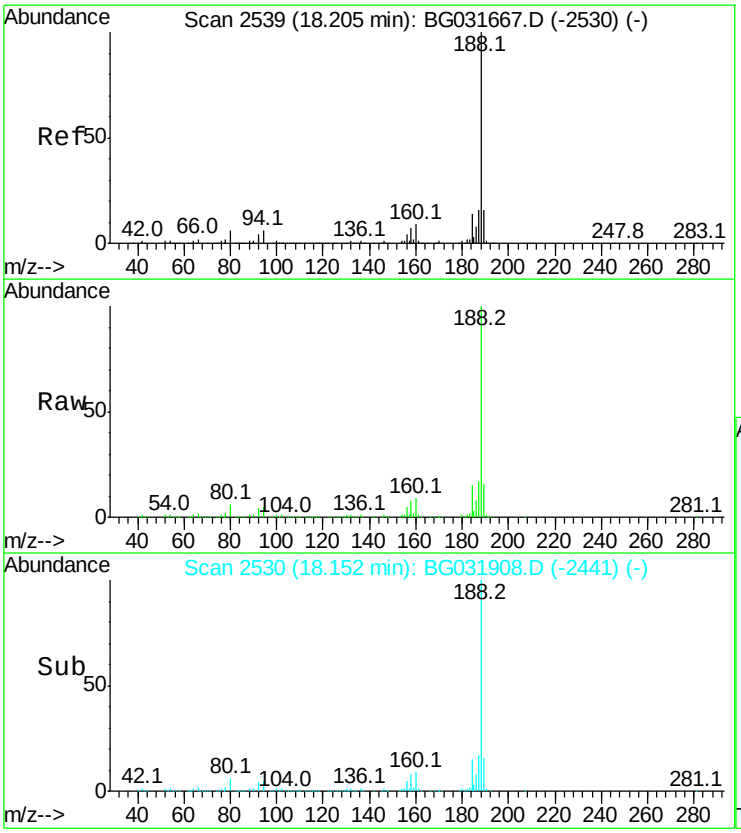
#56
2,4-Dinitrotoluene
Concen: 6.042 ng
RT: 15.41 min Scan# 2064
Delta R.T. -0.34 min
Lab File: BG031908.D
Acq: 4 Jan 2018 2:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18284

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

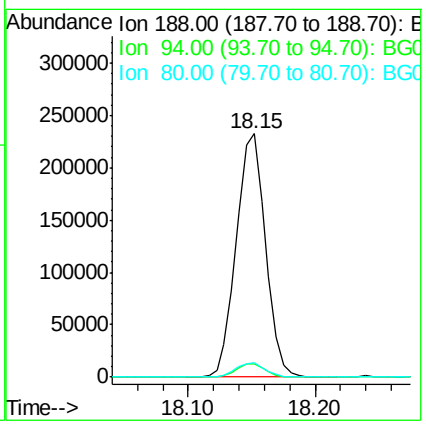


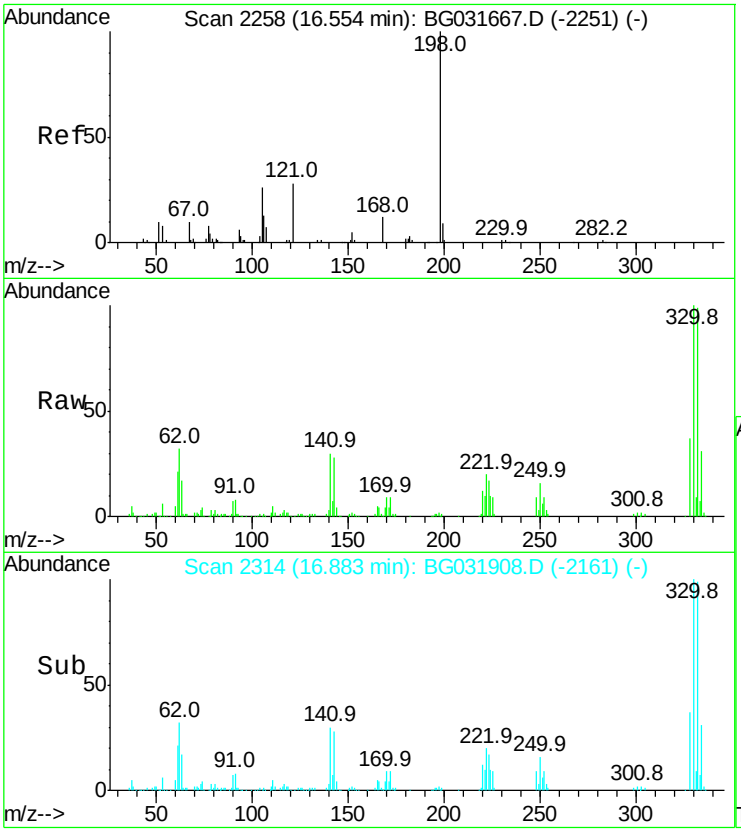


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BG031908.D
Acq: 4 Jan 2018 2:37

Tgt Ion:188 Resp: 372060

Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	6.2	7.7	11.5#



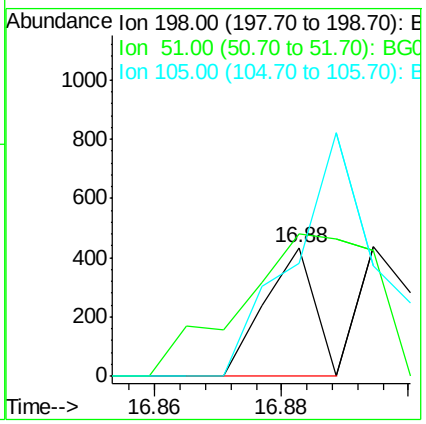


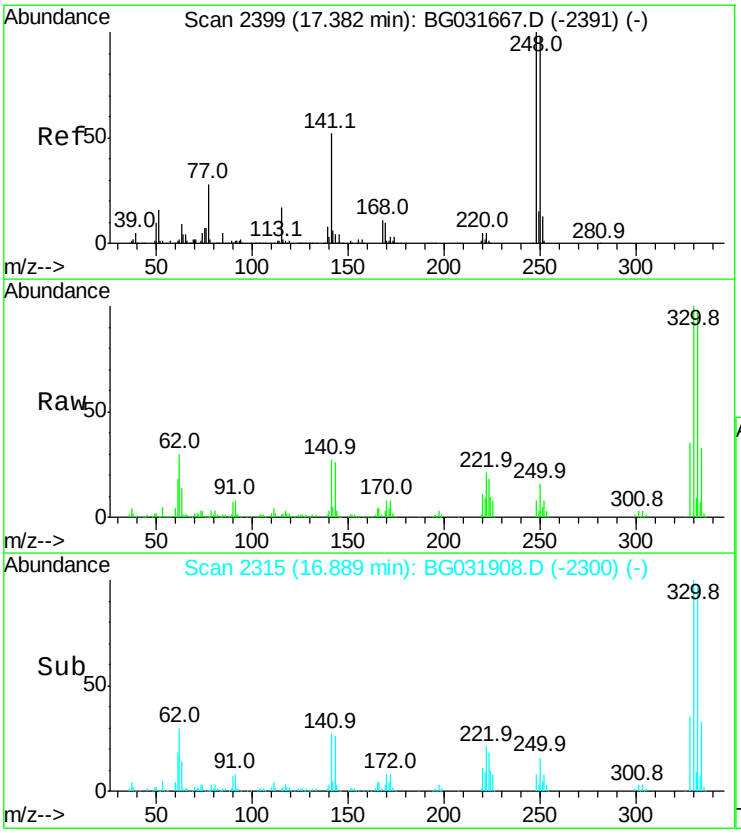
#64
4,6-Dinitro-2-methylphenol
Concen: 8.414 ng
RT: 16.88 min Scan# 2314
Delta R.T. 0.37 min
Lab File: BG031908.D
Acq: 4 Jan 2018 2:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 237

Ion	Ratio	Lower	Upper
198	100		
51	111.3	30.6	70.6#
105	88.2	23.8	63.8#

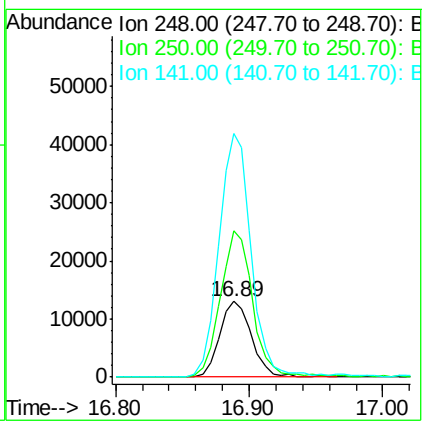


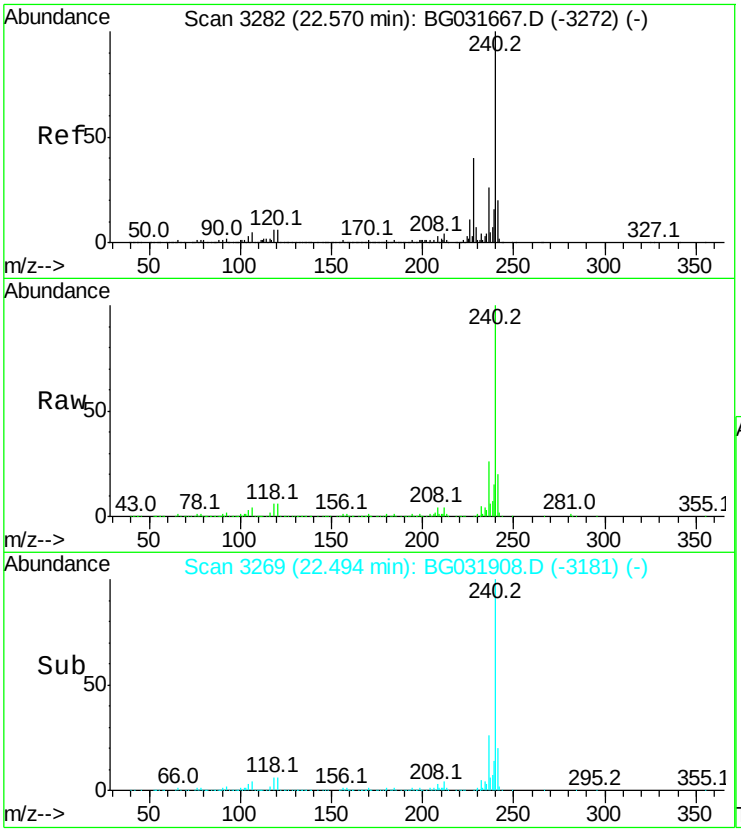


#66
4-Bromophenyl-phenylether
Concen: 4.057 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.44 min
Lab File: BG031908.D
Acq: 4 Jan 2018 2:37

Tgt Ion:248 Resp: 21825

Ion	Ratio	Lower	Upper
248	100		
250	192.5	77.1	115.7#
141	321.4	50.8	76.2#



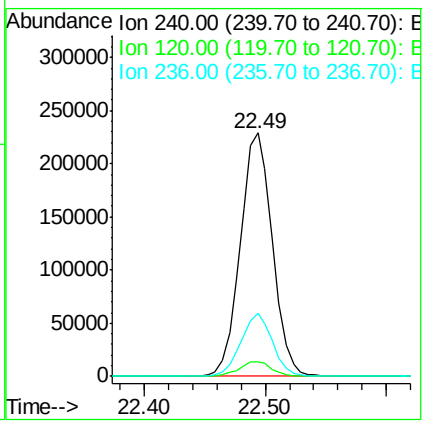


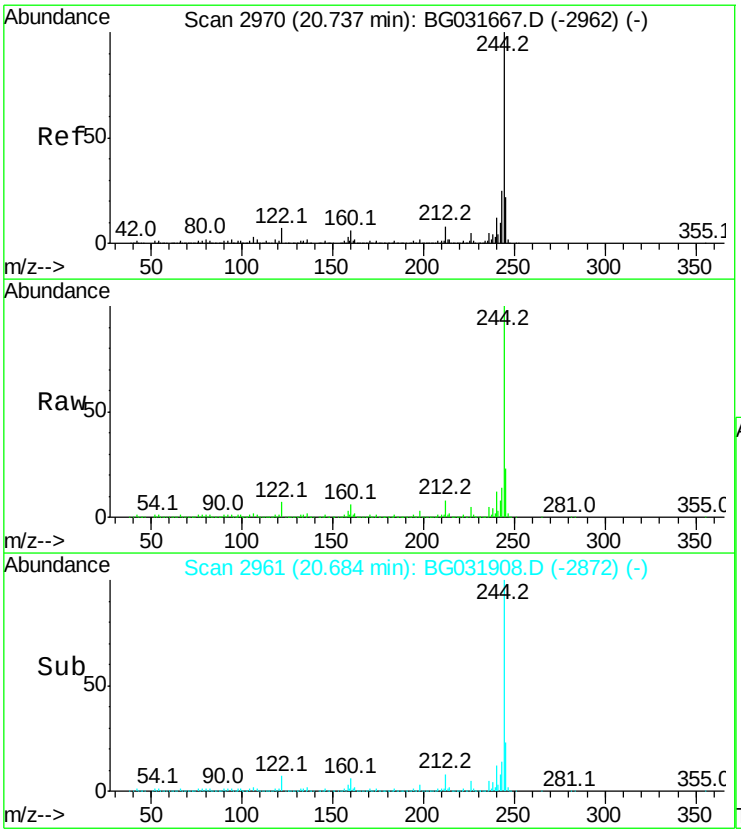
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3269
Delta R.T. -0.01 min
Lab File: BG031908.D
Acq: 4 Jan 2018 2:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 423210

Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	25.7	20.9	31.3

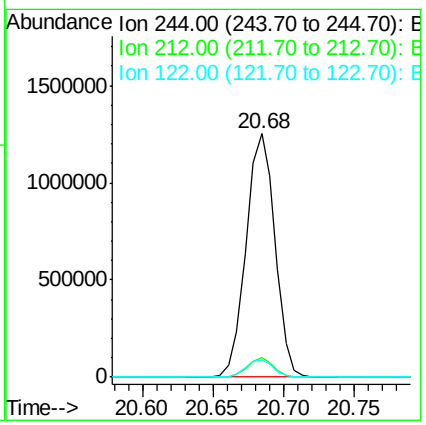


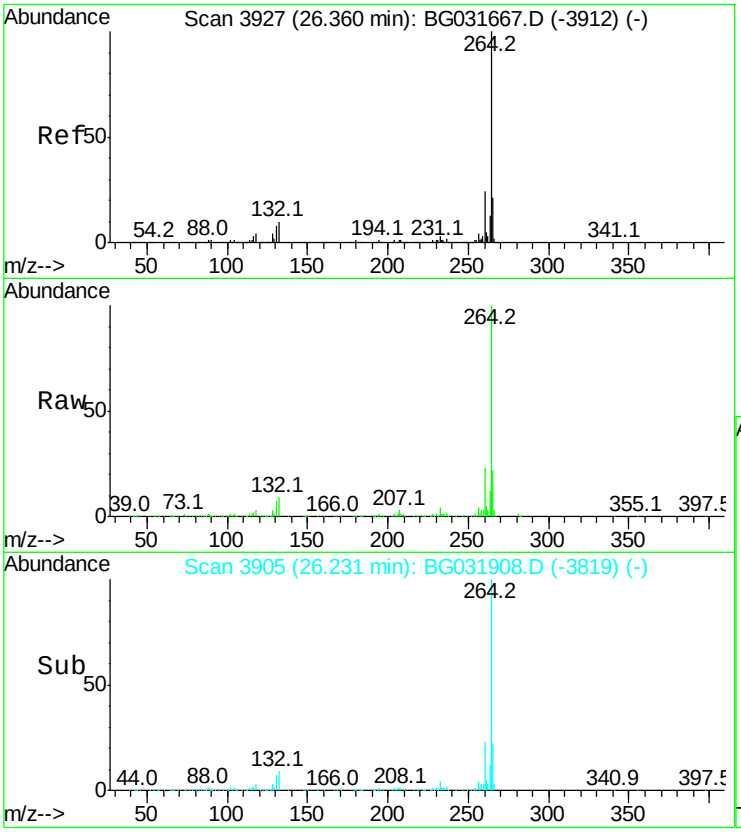


#78
Terphenyl-d14
Concen: 97.293 ng
RT: 20.68 min Scan# 2961
Delta R.T. -0.01 min
Lab File: BG031908.D
Acq: 4 Jan 2018 2:37

Tgt Ion:244 Resp: 1802261

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	7.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.23 min Scan# 3905
Delta R.T. -0.02 min
Lab File: BG031908.D
Acq: 4 Jan 2018 2:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 447974

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.9	17.7	26.5