Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011718\
Data File : BG032121.D
Acq On : 18 Jan 2018 3:58
Operator : SJ/JU
Sample : J1156-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 18 05:24:07 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	53520	20.00	ng	-0.03
21) Naphthalene-d8	11.62	136	217438	20.00	ng	-0.04
38) Acenaphthene-d10	15.38	164	156402	20.00	ng	-0.03
63) Phenanthrene-d10	18.11	188	415712	20.00	ng	-0.03
75) Chrysene-d12	22.45	240	477698	20.00	ng	-0.03
86) Perylene-d12	26.16	264	502275	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	320695	109.59	ng	-0.03
7) Phenol-d6	7.85	99	425633	115.49	ng	-0.03
23) Nitrobenzene-d5	9.94	82	261987	81.52	ng	-0.03
41) 2,4,6-Tribromophenol	16.86	330	288349	111.41	ng	-0.02
44) 2-Fluorobiphenyl	14.01	172	956042	75.79	ng	-0.03
78) Terphenyl-d14	20.65	244	1764645	81.57	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.94	70	36284	15.867	ng	# 76
32) Benzoic acid	11.29	122	68	5.281	ng	# 1
49) Dimethylphthalate	14.80	163	88834	6.491	ng	97
53) 2,4-Dinitrophenol	14.96	184	68	7.007	ng	# 1
56) 2,4-Dinitrotoluene	15.38	165	20875	5.458	ng	# 19
62) Azobenzene	16.71	77	28844	3.473	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.85	198	875	5.180	ng	# 57
66) 4-Bromophenyl-phenylether	16.86	248	25121	4.247	ng	# 1
76) Benzidine	20.65	184	25256	2.114	ng	# 95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011718\
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Acq On : 18 Jan 2018 3:58
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Misc :
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Instrument :
BNA_G
ClientSampleId :

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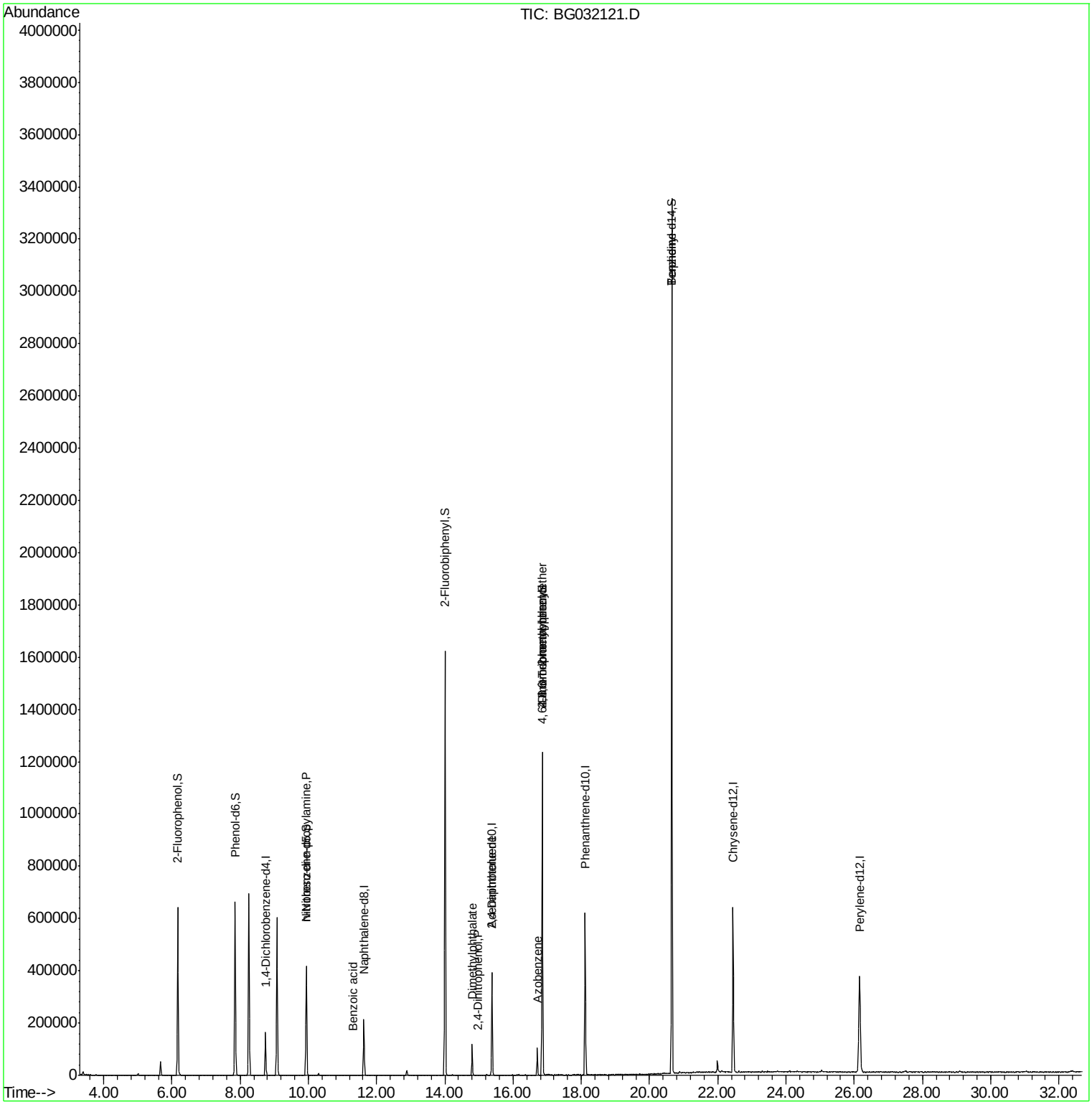
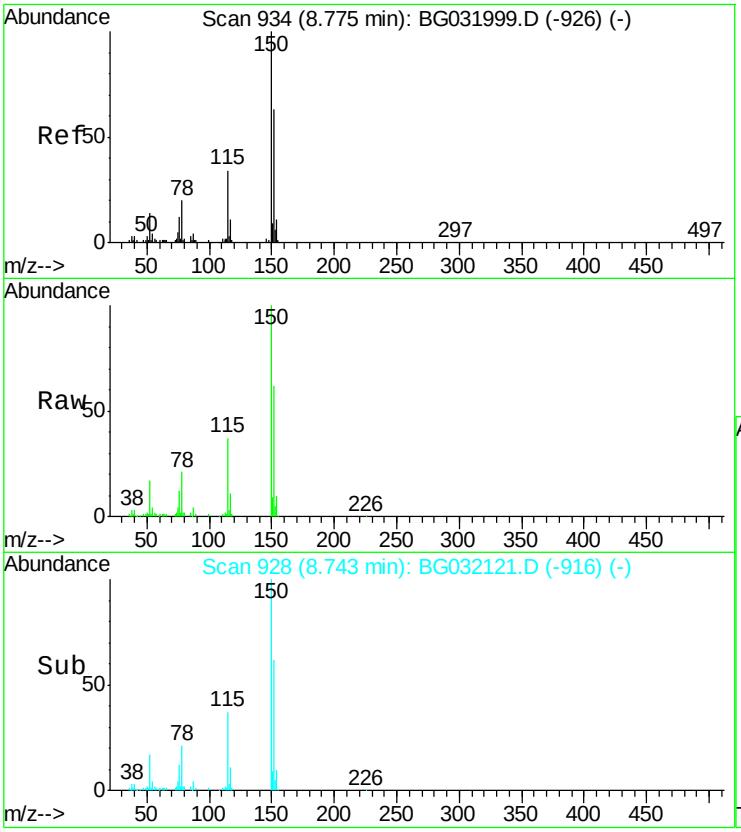


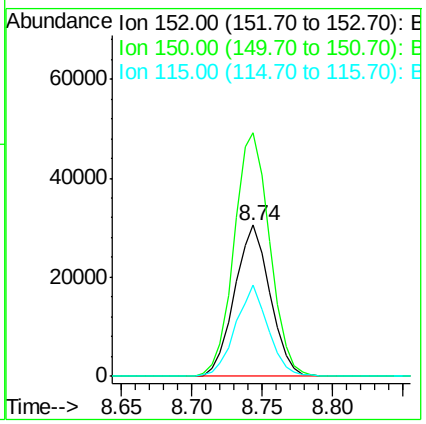


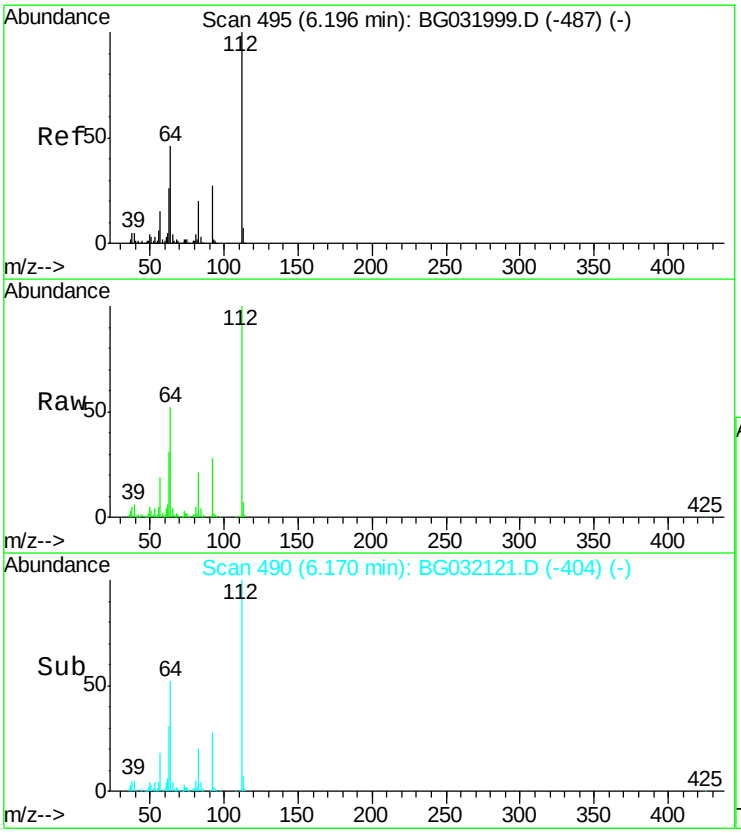
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.03 min
Lab File: BG032121.D
Acq: 18 Jan 2018 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 53520

Ion	Ratio	Lower	Upper
152	100		
150	161.2	126.6	189.8
115	60.2	53.0	79.4

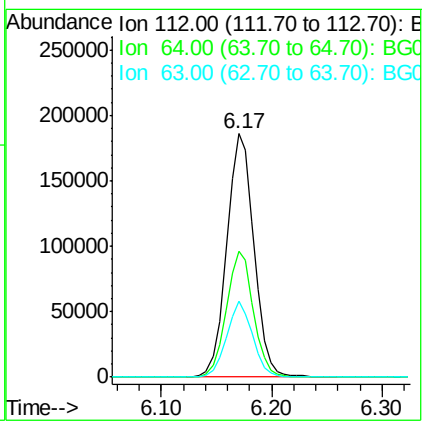


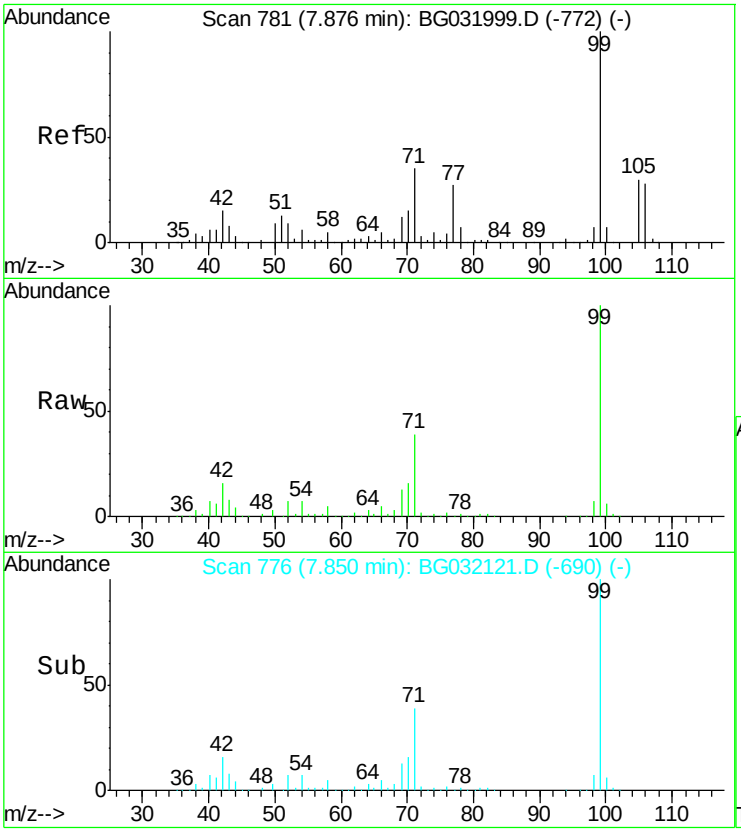


#5
2-Fluorophenol
Concen: 109.591 ng
RT: 6.17 min Scan# 490
Delta R.T. -0.03 min
Lab File: BG032121.D
Acq: 18 Jan 2018 3:58

Tgt Ion:112 Resp: 320695

Ion	Ratio	Lower	Upper
112	100		
64	51.9	56.3	84.5#
63	31.0	30.1	45.1



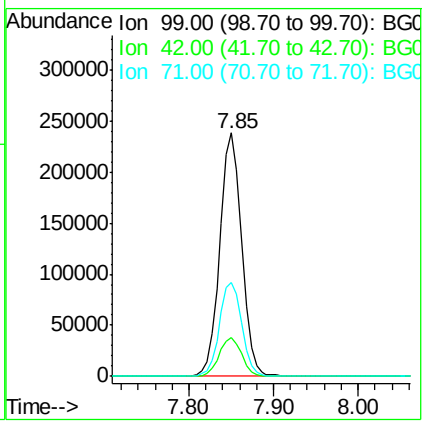


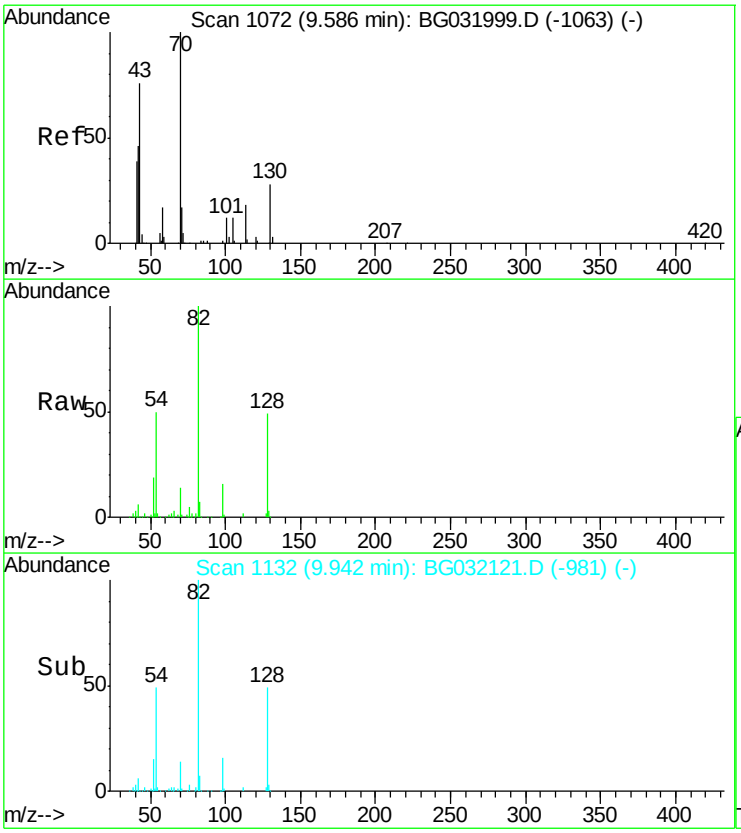
#7
Phenol-d6
Concen: 115.489 ng
RT: 7.85 min Scan# 776
Delta R.T. -0.03 min
Lab File: BG032121.D
Acq: 18 Jan 2018 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 425633

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.1	21.1
71	38.6	26.1	39.1

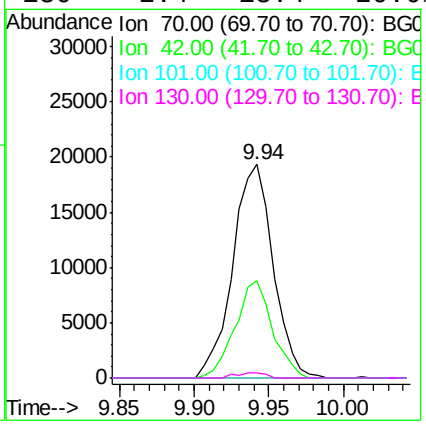


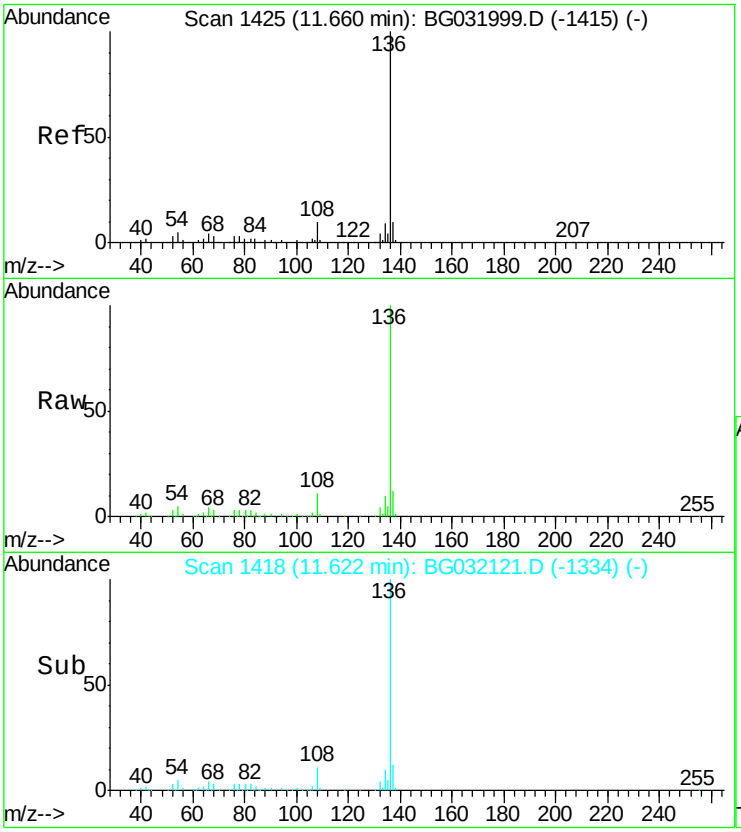


#19
n-Nitroso-di-n-propylamine
Concen: 15.867 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.36 min
Lab File: BG032121.D
Acq: 18 Jan 2018 3:58

Tgt Ion: 70 Resp: 36284

Ion	Ratio	Lower	Upper
70	100		
42	45.6	49.1	73.7#
101	0.0	8.5	12.7#
130	2.4	13.4	20.0#



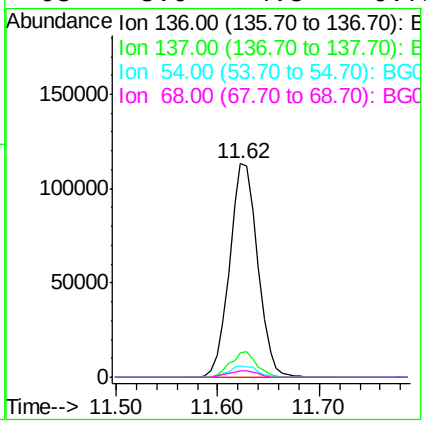


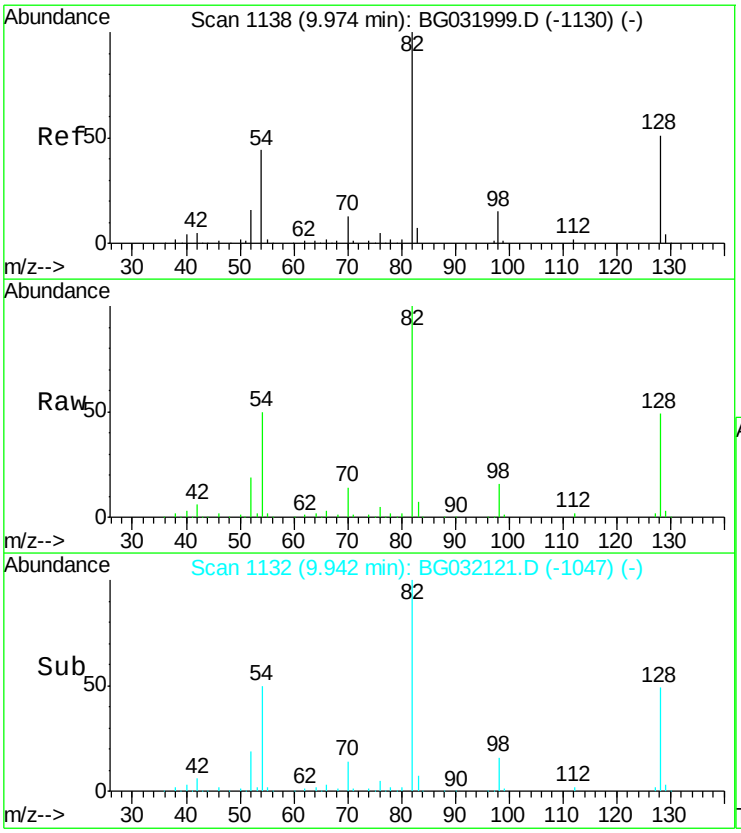
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1418
Delta R.T. -0.04 min
Lab File: BG032121.D
Acq: 18 Jan 2018 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 217438

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.3	10.3	15.5#
68	3.0	4.5	6.7#

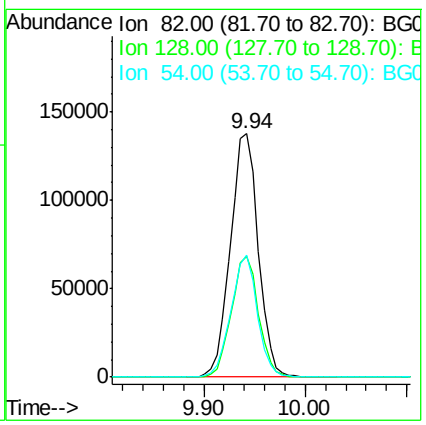


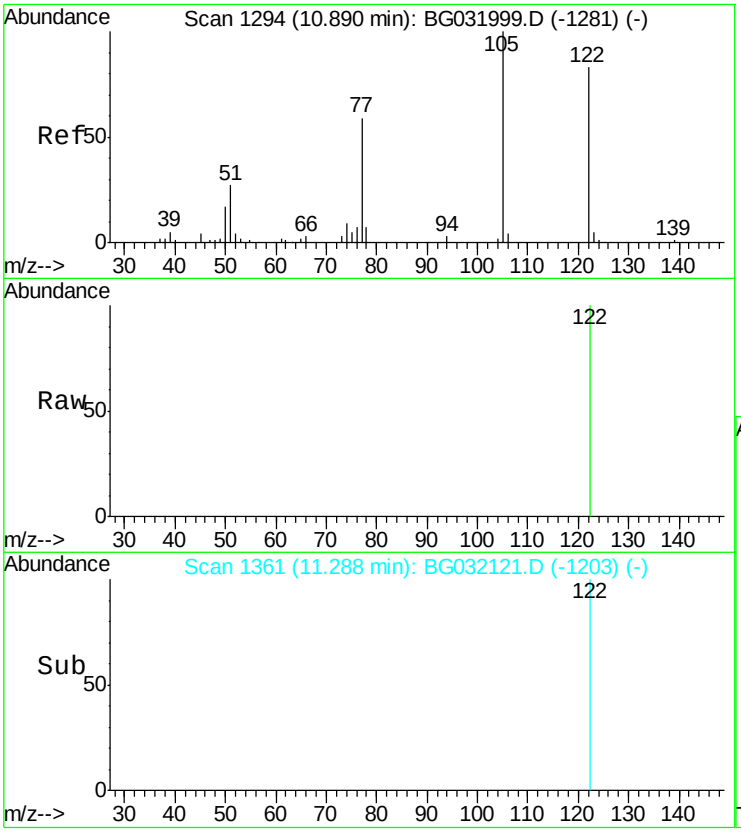


#23
Nitrobenzene-d5
Concen: 81.515 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.03 min
Lab File: BG032121.D
Acq: 18 Jan 2018 3:58

Tgt Ion: 82 Resp: 261987

Ion	Ratio	Lower	Upper
82	100		
128	49.4	29.7	44.5#
54	50.4	43.1	64.7



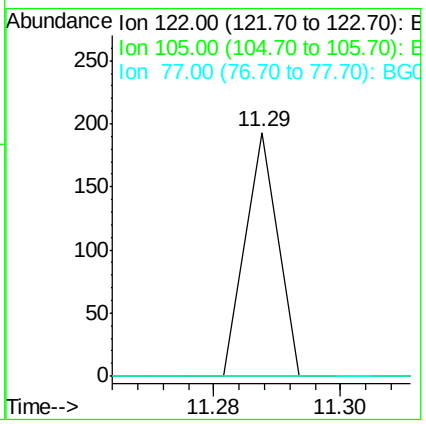


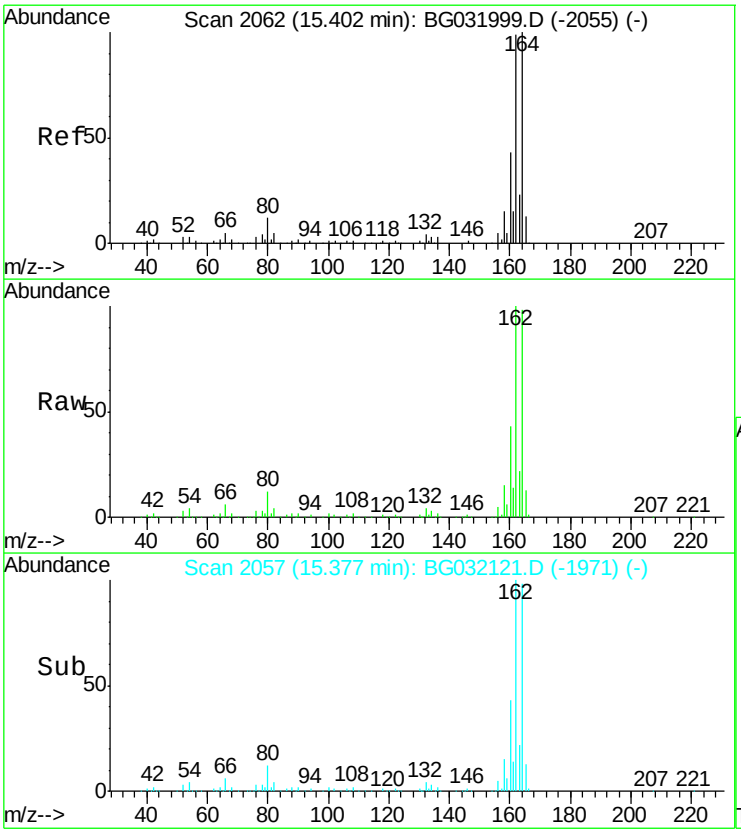
#32
Benzoic acid
Concen: 5.281 ng
RT: 11.29 min Scan# 1361
Delta R.T. 0.40 min
Lab File: BG032121.D
Acq: 18 Jan 2018 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 68

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

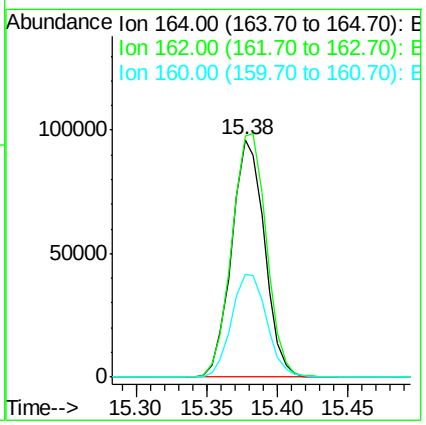


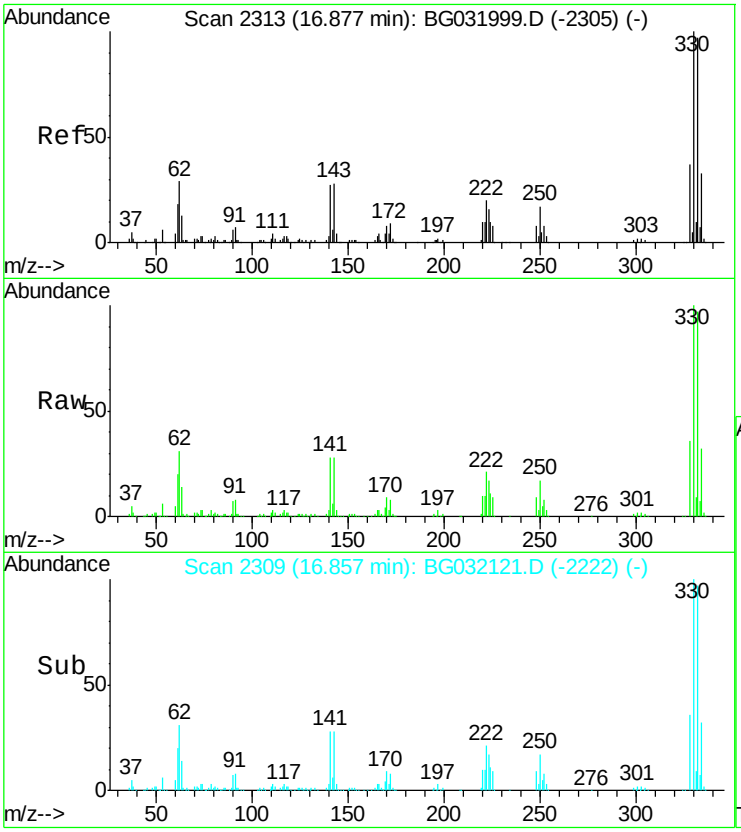


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2057
Delta R.T. -0.03 min
Lab File: BG032121.D
Acq: 18 Jan 2018 3:58

Tgt Ion:164 Resp: 156402

Ion	Ratio	Lower	Upper
164	100		
162	101.7	78.8	118.2
160	43.6	35.4	53.0



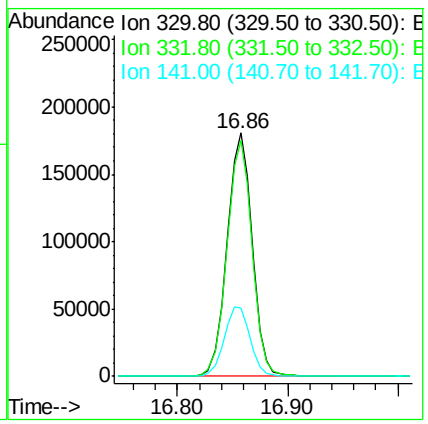


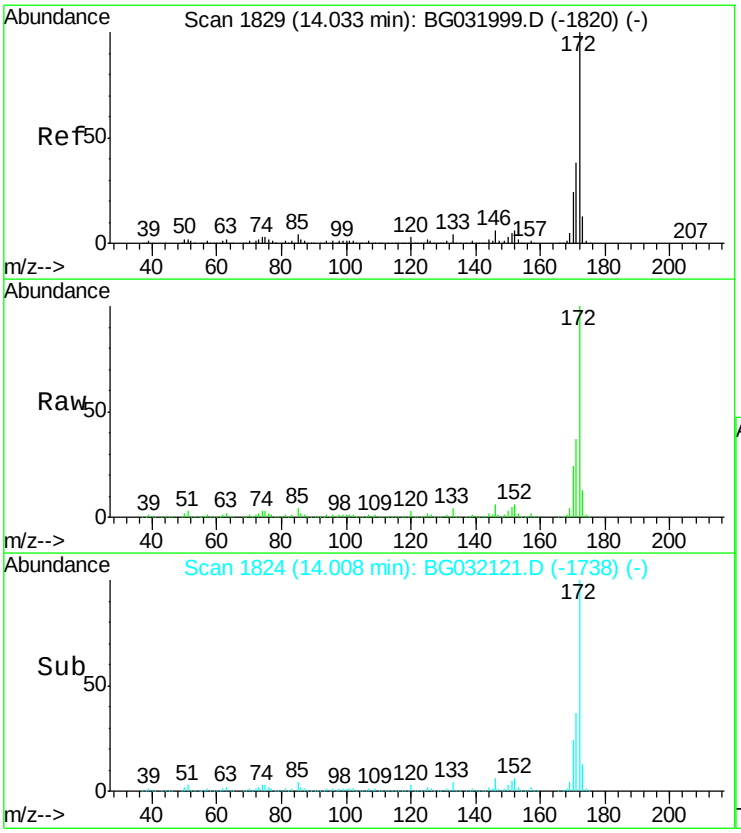
#41
2,4,6-Tribromophenol
Concen: 111.414 ng
RT: 16.86 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BG032121.D
Acq: 18 Jan 2018 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 288349

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	29.3	25.2	37.8

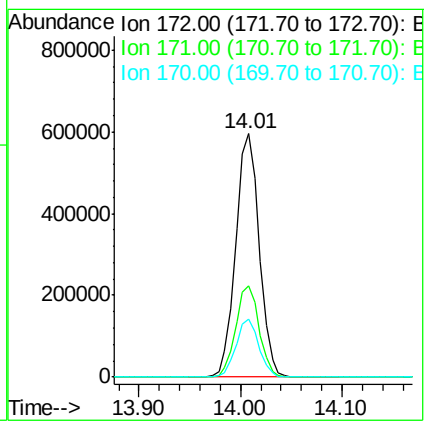


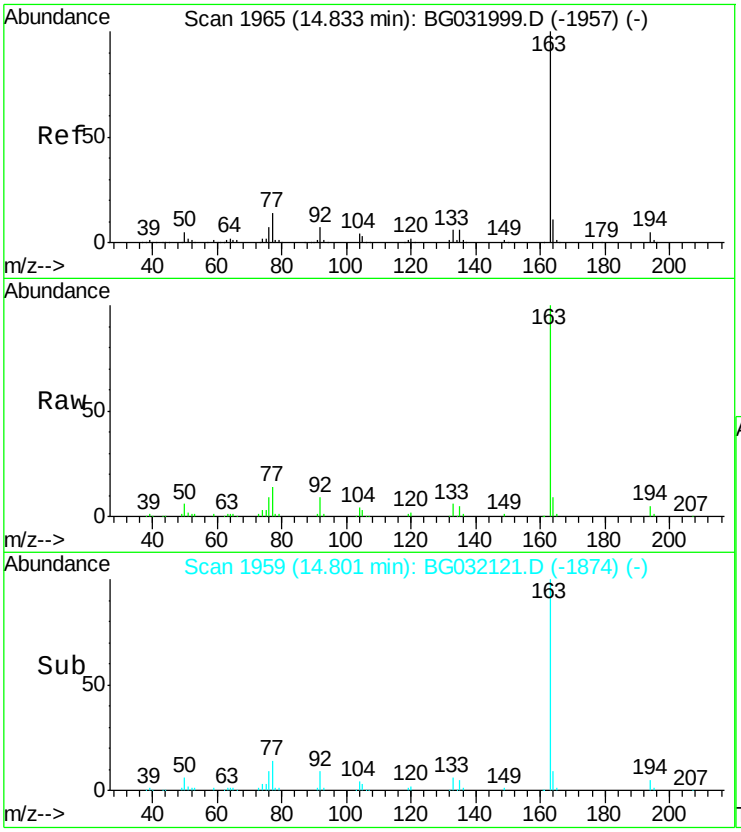


#44
2-Fluorobiphenyl
Concen: 75.795 ng
RT: 14.01 min Scan# 1824
Delta R.T. -0.03 min
Lab File: BG032121.D
Acq: 18 Jan 2018 3:58

Tgt Ion:172 Resp: 956042

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.8	19.5	29.3



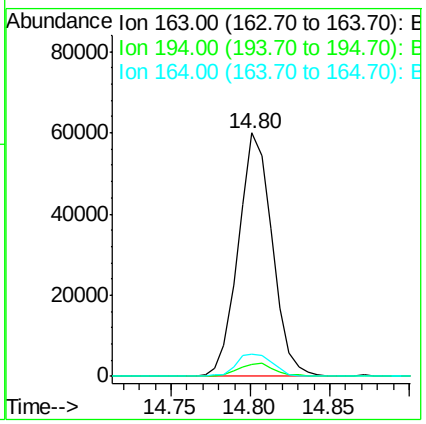


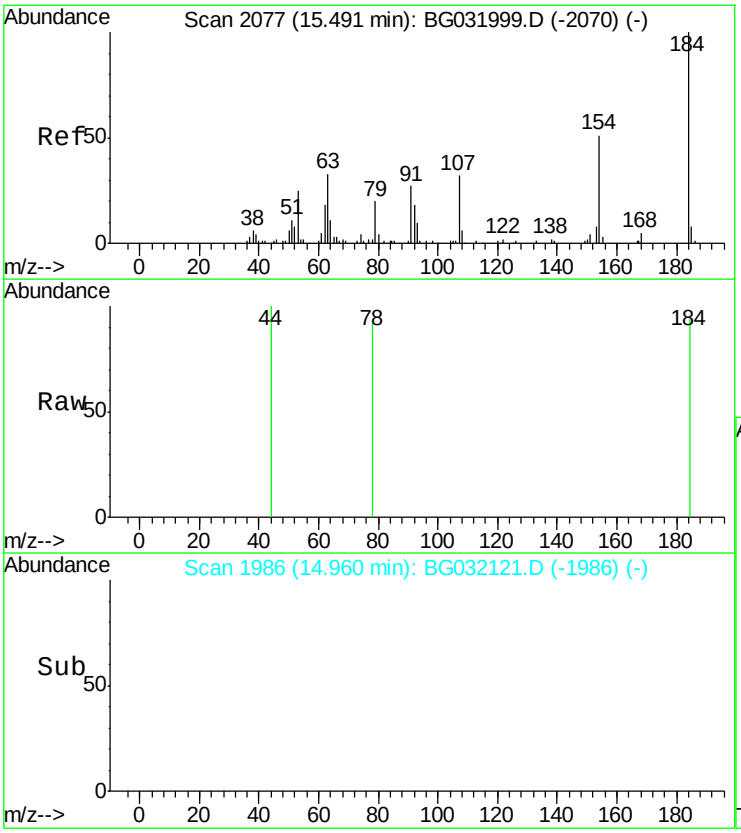
#49
Dimethylphthalate
Concen: 6.491 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.03 min
Lab File: BG032121.D
Acq: 18 Jan 2018 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 88834

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.4	5.2
164	9.1	8.2	12.4

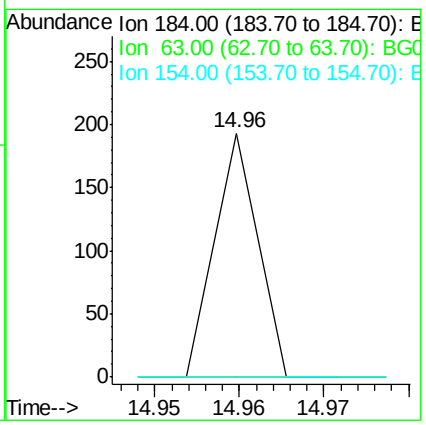


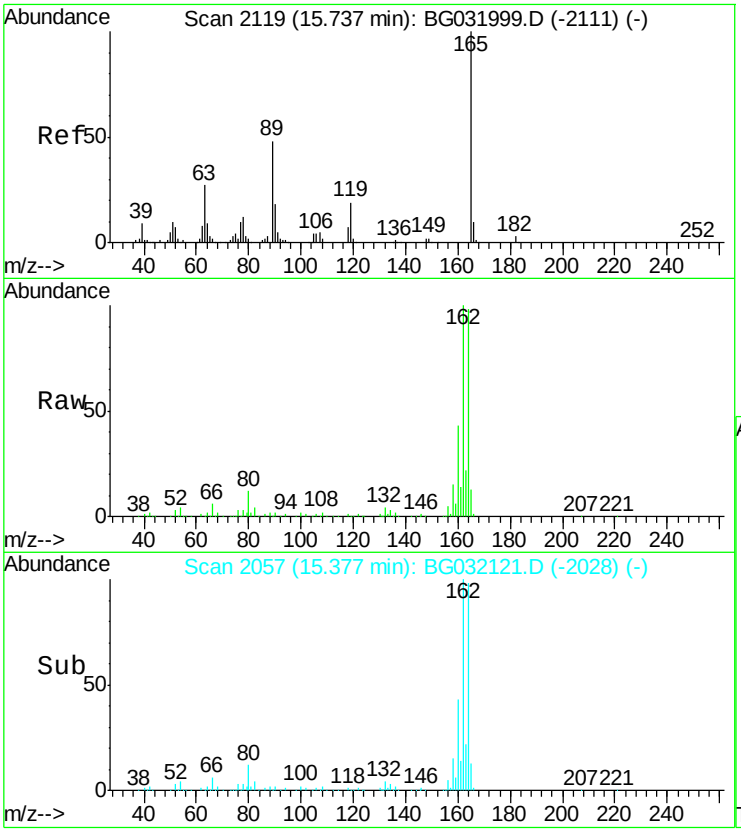


#53
2,4-Dinitrophenol
Concen: 7.007 ng
RT: 14.96 min Scan# 1986
Delta R.T. -0.53 min
Lab File: BG032121.D
Acq: 18 Jan 2018 3:58

Tgt Ion:184 Resp: 68

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#



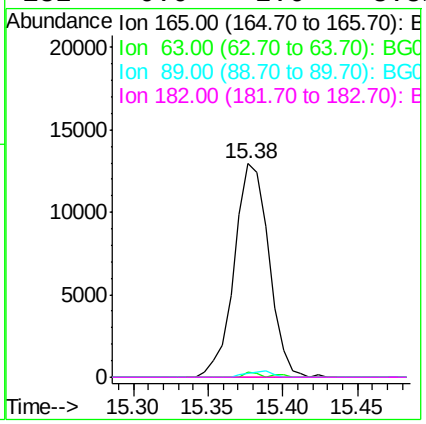


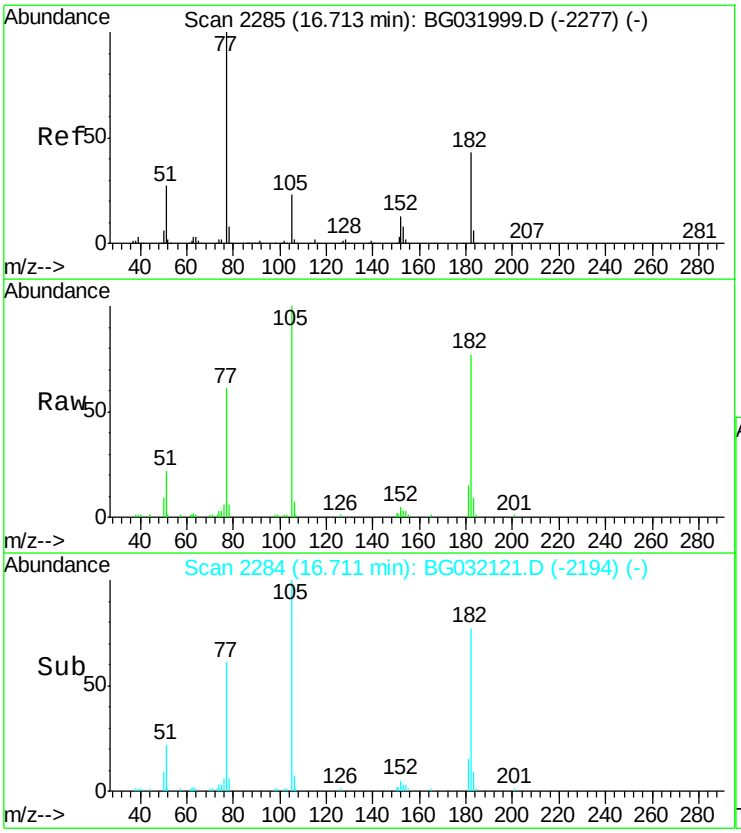
#56
2,4-Dinitrotoluene
Concen: 5.458 ng
RT: 15.38 min Scan# 2057
Delta R.T. -0.36 min
Lab File: BG032121.D
Acq: 18 Jan 2018 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20875

Ion	Ratio	Lower	Upper
165	100		
63	2.6	42.0	63.0#
89	1.8	66.9	100.3#
182	0.0	2.6	3.8#

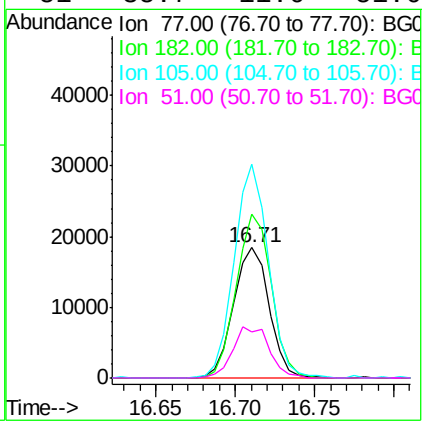


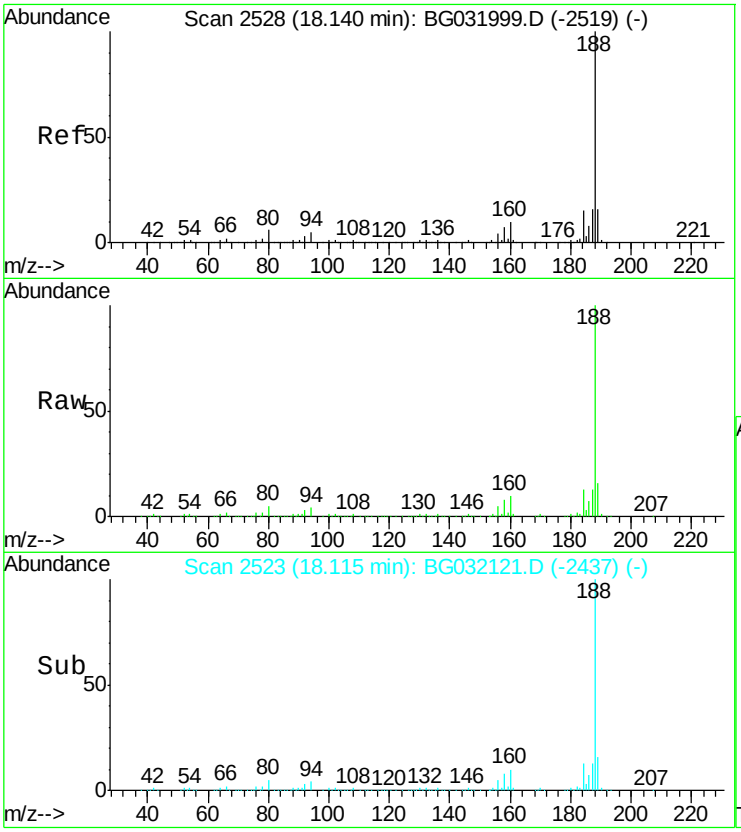


#62
Azobenzene
Concen: 3.473 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BG032121.D
Acq: 18 Jan 2018 3:58

Tgt Ion: 77 Resp: 28844

Ion	Ratio	Lower	Upper
77	100		
182	126.2	7.4	47.4#
105	164.3	0.3	40.3#
51	35.7	11.6	51.6



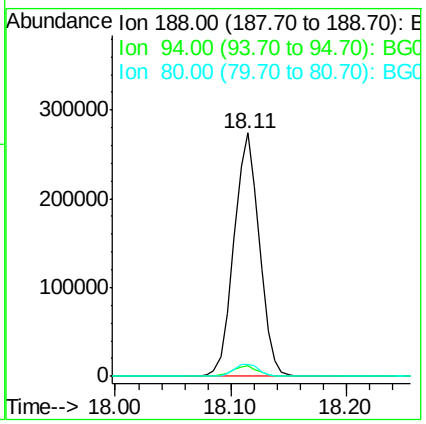


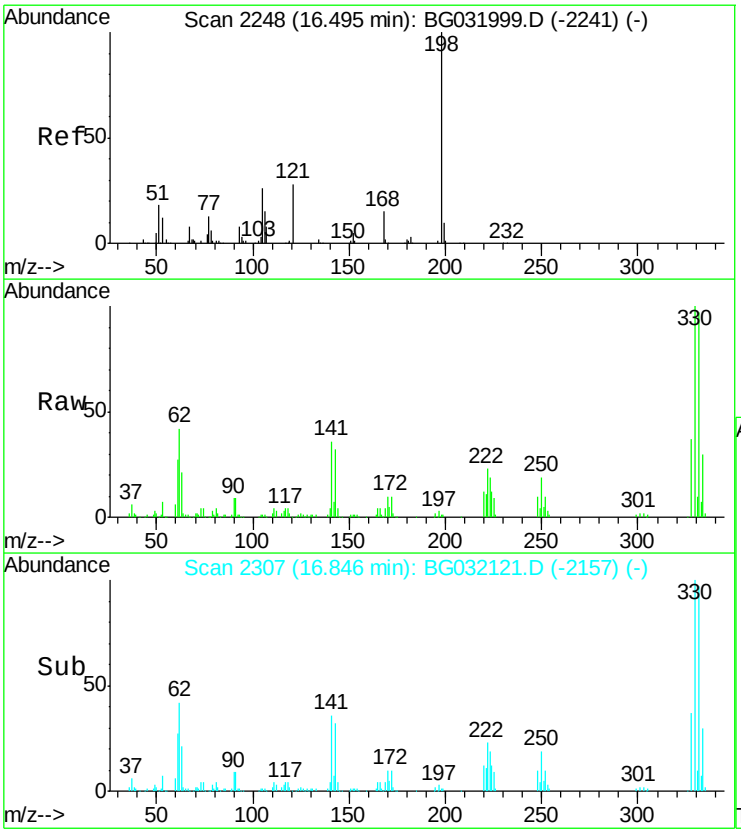
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.03 min
Lab File: BG032121.D
Acq: 18 Jan 2018 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 415712

Ion	Ratio	Lower	Upper
188	100		
94	4.4	6.9	10.3#
80	4.8	7.7	11.5#

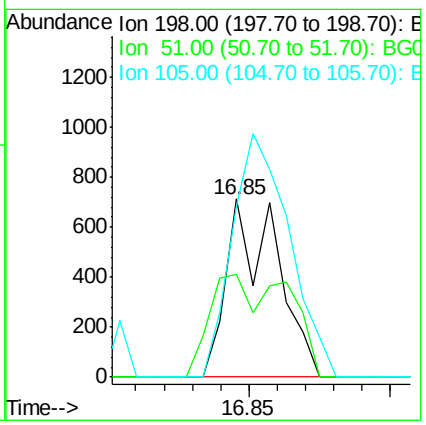


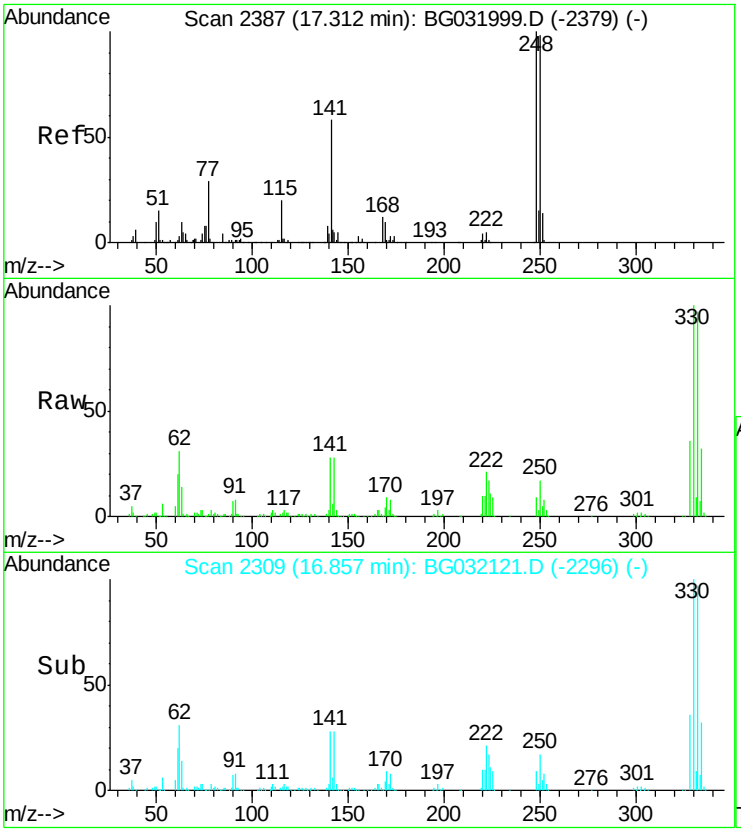


#64
4,6-Dinitro-2-methylphenol
Concen: 5.180 ng
RT: 16.85 min Scan# 2307
Delta R.T. 0.35 min
Lab File: BG032121.D
Acq: 18 Jan 2018 3:58

Tgt Ion:198 Resp: 875

Ion	Ratio	Lower	Upper
198	100		
51	58.1	30.6	70.6
105	96.1	23.8	63.8#



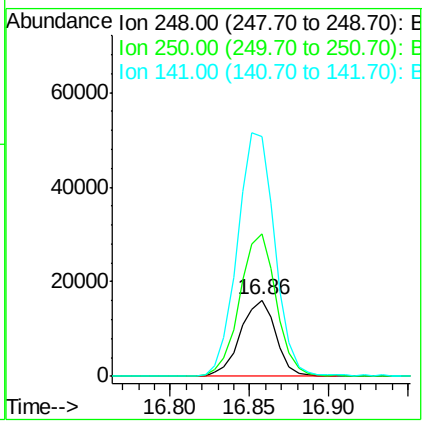


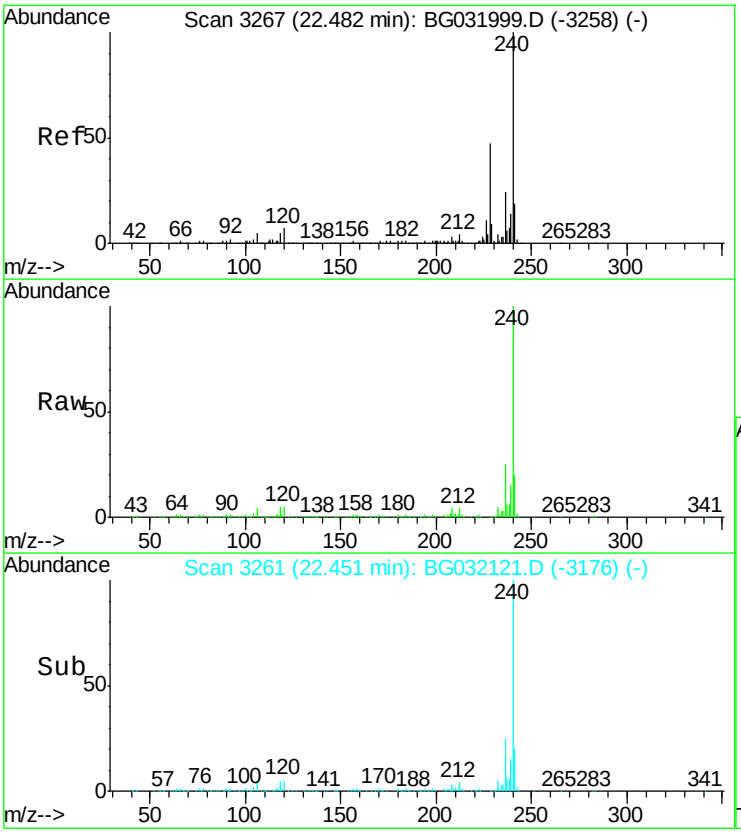
#66
4-Bromophenyl-phenylether
Concen: 4.247 ng
RT: 16.86 min Scan# 2309
Delta R.T. -0.45 min
Lab File: BG032121.D
Acq: 18 Jan 2018 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 25121

Ion	Ratio	Lower	Upper
248	100		
250	188.1	77.1	115.7#
141	315.7	50.8	76.2#

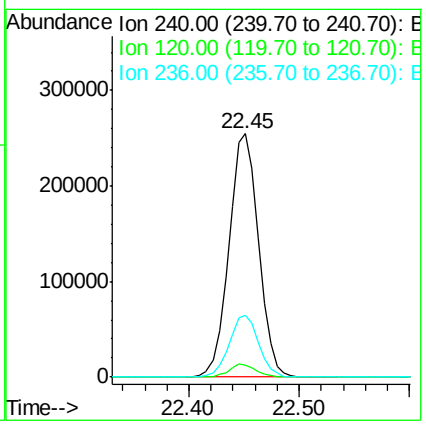


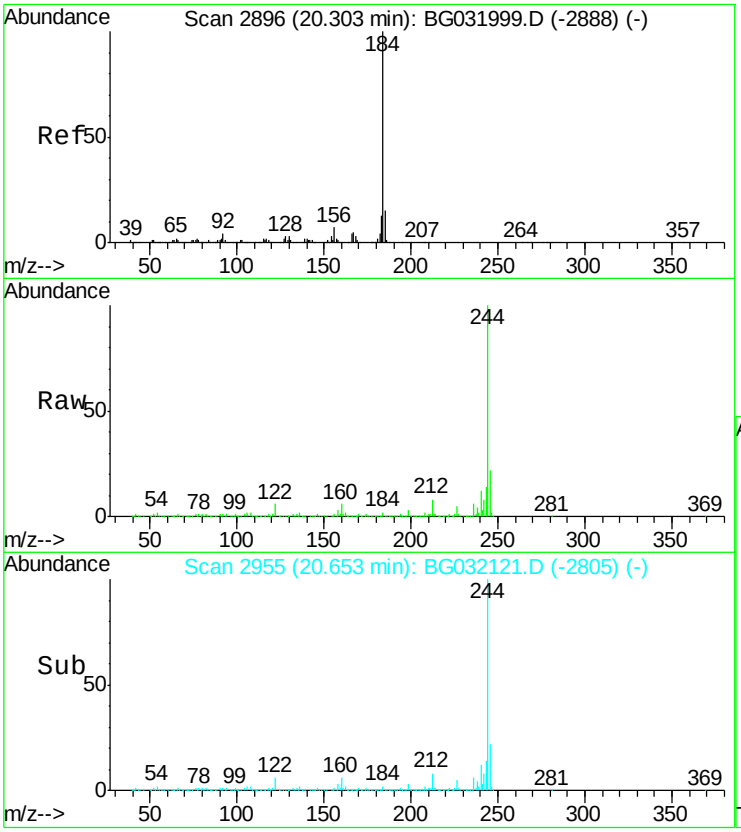


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.03 min
Lab File: BG032121.D
Acq: 18 Jan 2018 3:58

Tgt Ion:240 Resp: 477698

Ion	Ratio	Lower	Upper
240	100		
120	5.1	6.8	10.2#
236	25.4	20.9	31.3



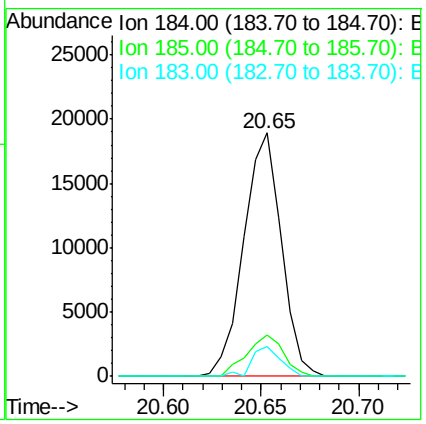


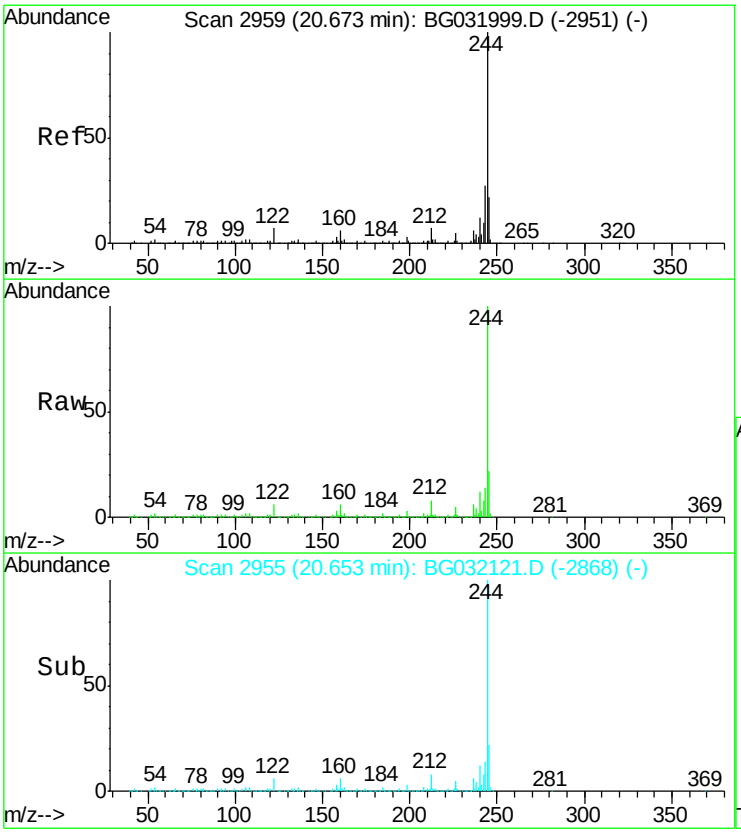
#76
Benzidine
Concen: 2.114 ng
RT: 20.65 min Scan# 2955
Delta R.T. 0.35 min
Lab File: BG032121.D
Acq: 18 Jan 2018 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 25256

Ion	Ratio	Lower	Upper
184	100		
185	16.9	11.1	16.7#
183	12.0	10.6	16.0

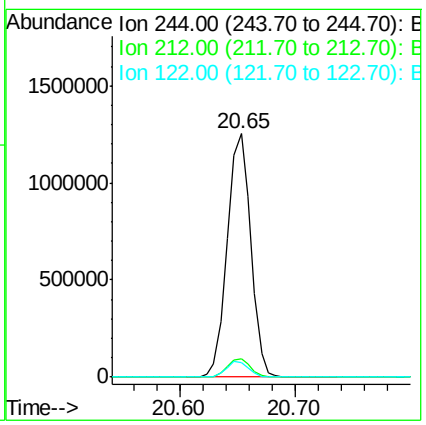


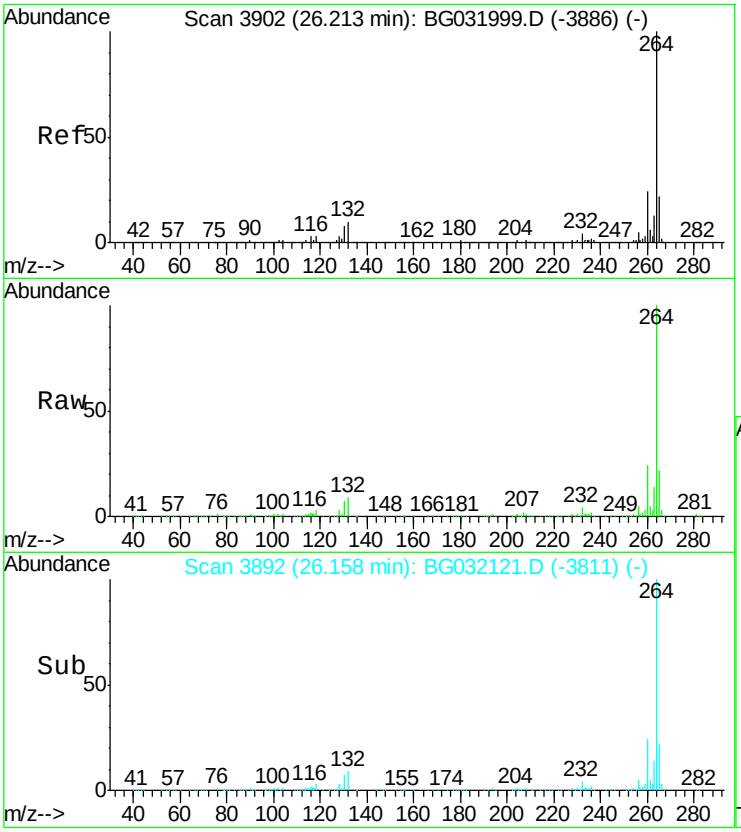


#78
Terphenyl-d14
Concen: 81.566 ng
RT: 20.65 min Scan# 2955
Delta R.T. -0.02 min
Lab File: BG032121.D
Acq: 18 Jan 2018 3:58

Tgt Ion:244 Resp: 1764645

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	6.1	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.16 min Scan# 3892
Delta R.T. -0.06 min
Lab File: BG032121.D
Acq: 18 Jan 2018 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 502275

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.7	17.7	26.5