Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
Data File : BG032721.D
Acq On : 15 Feb 2018 19:48
Operator : SJ/JU
Sample : J1550-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 16 02:26:04 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	8.63	152	23708	20.00	ng	-0.05
21) Naphthalene-d8	11.50	136	100566	20.00	ng	-0.05
38) Acenaphthene-d10	15.27	164	56989	20.00	ng	-0.04
63) Phenanthrene-d10	18.01	188	224216	20.00	ng	-0.04
75) Chrysene-d12	22.33	240	302286	20.00	ng	-0.05
86) Perylene-d12	25.95	264	320828	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	145906	123.48	ng	-0.04
7) Phenol-d6	7.75	99	156753	97.01	ng	-0.05
23) Nitrobenzene-d5	9.82	82	133500	84.37	ng	-0.05
41) 2,4,6-Tribromophenol	16.75	330	188940	215.31	ng	-0.04
44) 2-Fluorobiphenyl	13.90	172	538600	118.19	ng	-0.04
78) Terphenyl-d14	20.56	244	1254667	94.60	ng	-0.03
Target Compounds						Qvalue
15) Benzyl Alcohol	8.96	79	2897	2.39	ng	# 46
19) n-Nitroso-di-n-propylamine	9.82	70	19027	17.52	ng	# 74
31) Naphthalene	11.56	128	12505	2.56	ng	97
50) 2,6-Dinitrotoluene	15.27	165	8154	8.04	ng	# 18
53) 2,4-Dinitrophenol	15.01	184	62	11.56	ng	# 1
55) 4-Nitrophenol	15.66	139	401	6.05	ng	# 1
56) 2,4-Dinitrotoluene	15.27	165	8154	5.83	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.74	198	485	5.29	ng	# 62
66) 4-Bromophenyl-phenylether	16.75	248	15094	4.70	ng	# 1
76) Benzidine	20.56	184	17917	2.52	ng	# 96

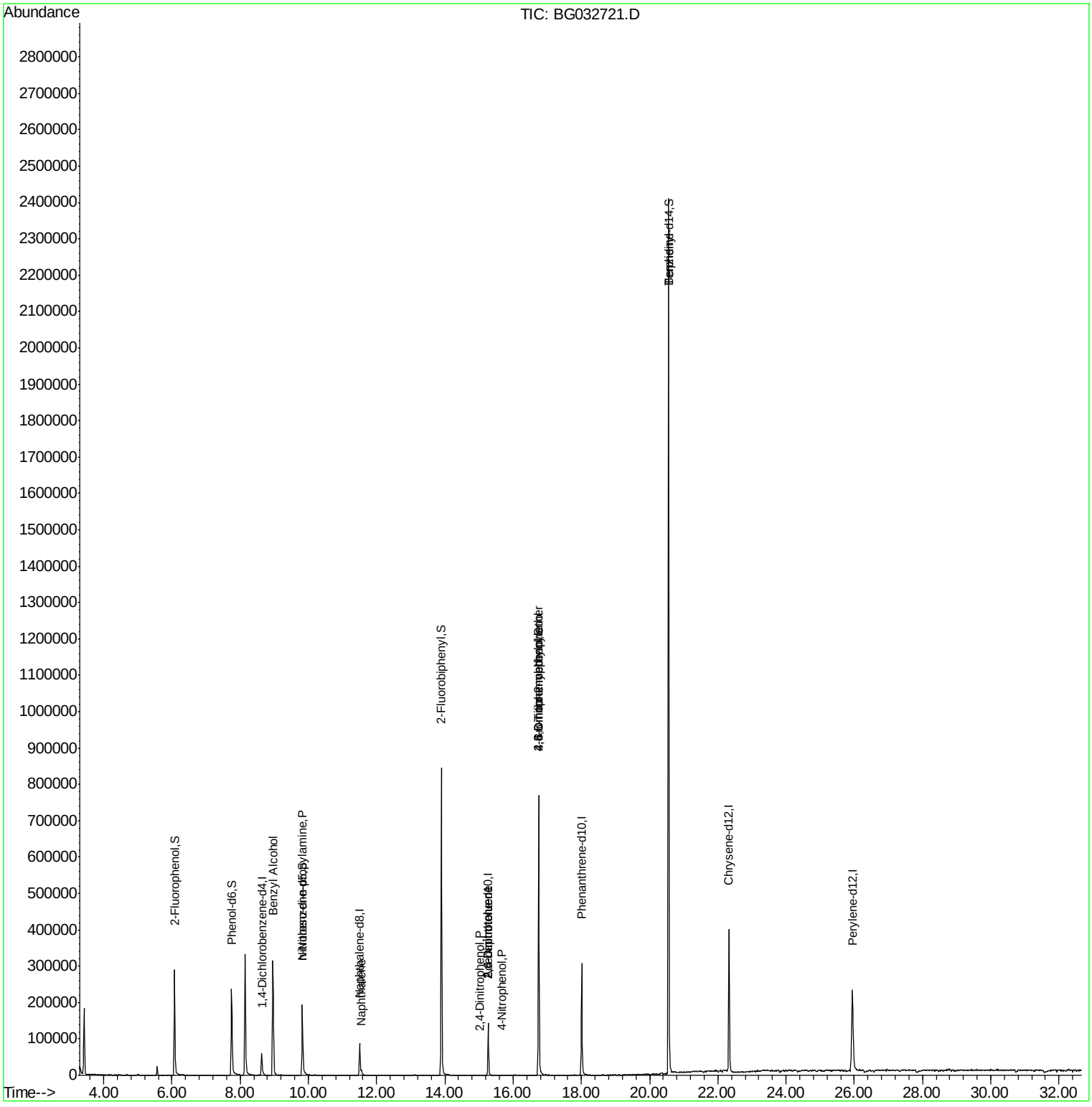
(#) = qualifier out of range (m) = manual integration (+) = signals summed

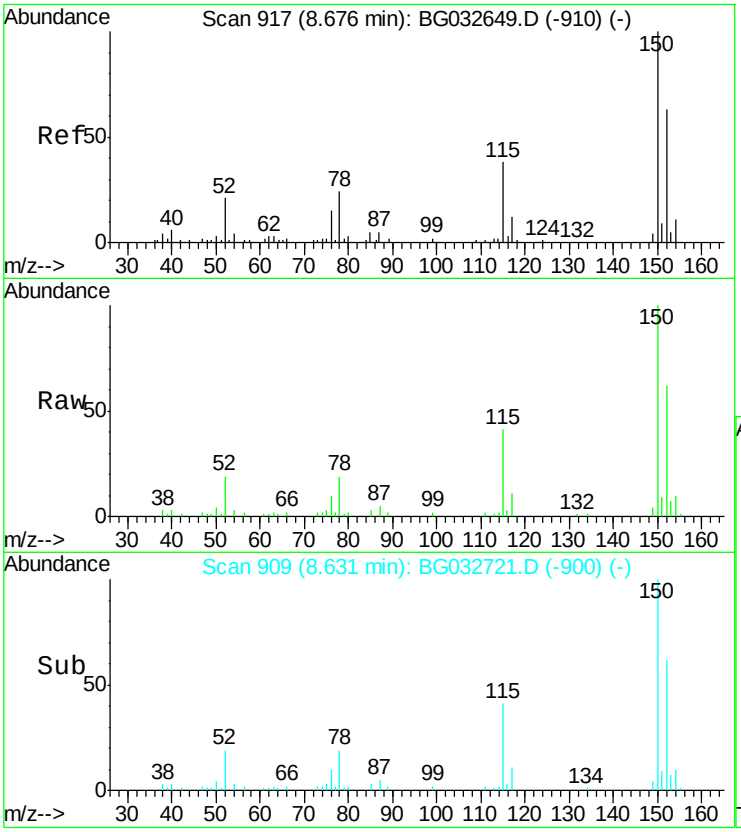
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
Data File : BG032721.D
Acq On : 15 Feb 2018 19:48
Operator : SJ/JU
Sample : J1550-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 16 02:26:04 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



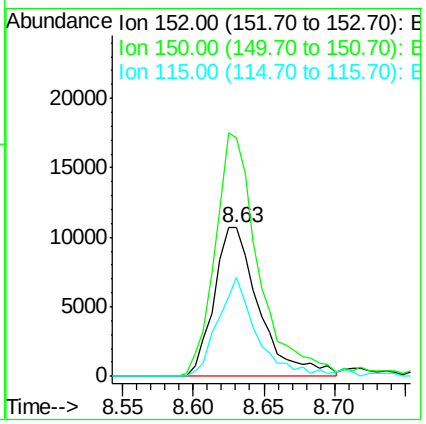


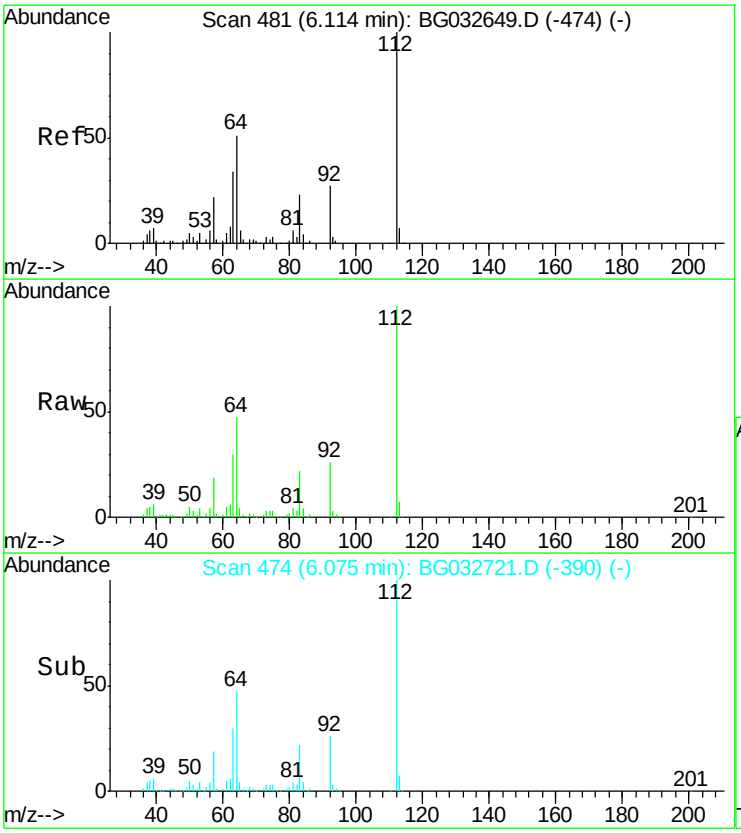
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.05 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 23708

Ion	Ratio	Lower	Upper
152	100		
150	160.6	126.6	189.8
115	66.4	53.0	79.4

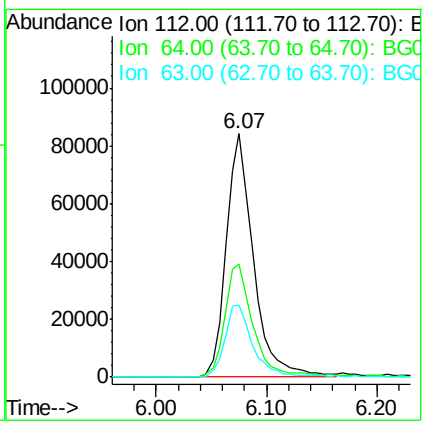


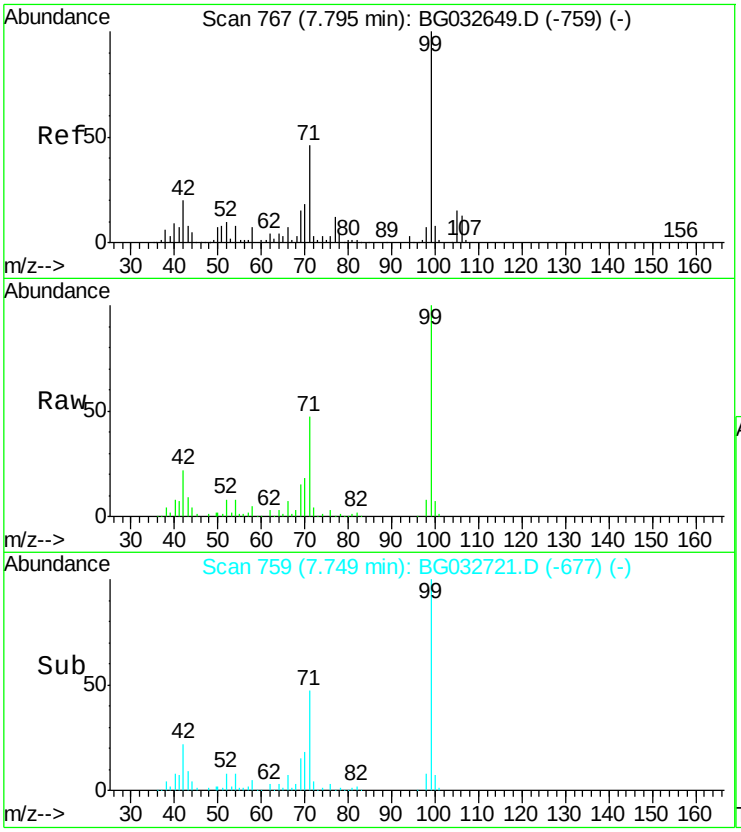


#5
2-Fluorophenol
Concen: 123.48 ng
RT: 6.07 min Scan# 474
Delta R.T. -0.04 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Tgt Ion:112 Resp: 145906

Ion	Ratio	Lower	Upper
112	100		
64	46.7	56.3	84.5#
63	29.7	30.1	45.1#



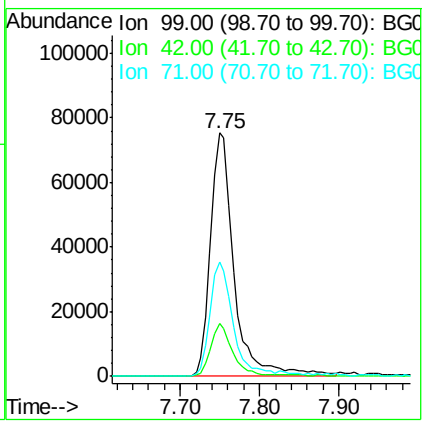


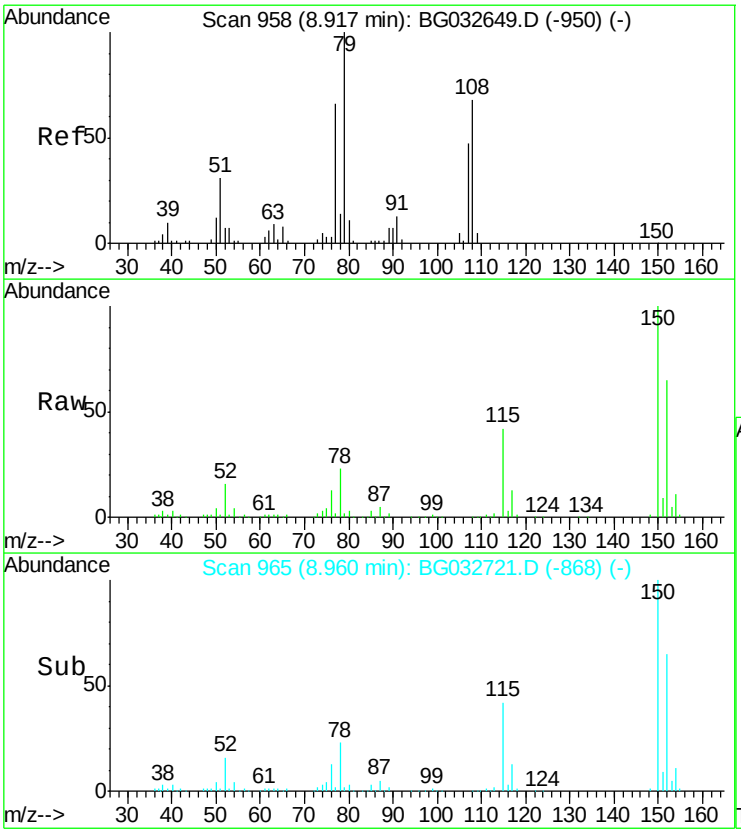
#7
Phenol-d6
Concen: 97.01 ng
RT: 7.75 min Scan# 759
Delta R.T. -0.05 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 156753

Ion	Ratio	Lower	Upper
99	100		
42	21.7	14.1	21.1#
71	47.1	26.1	39.1#

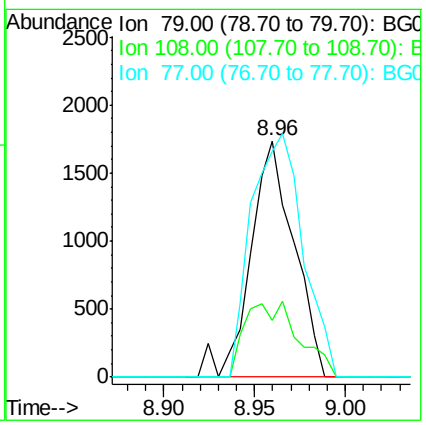


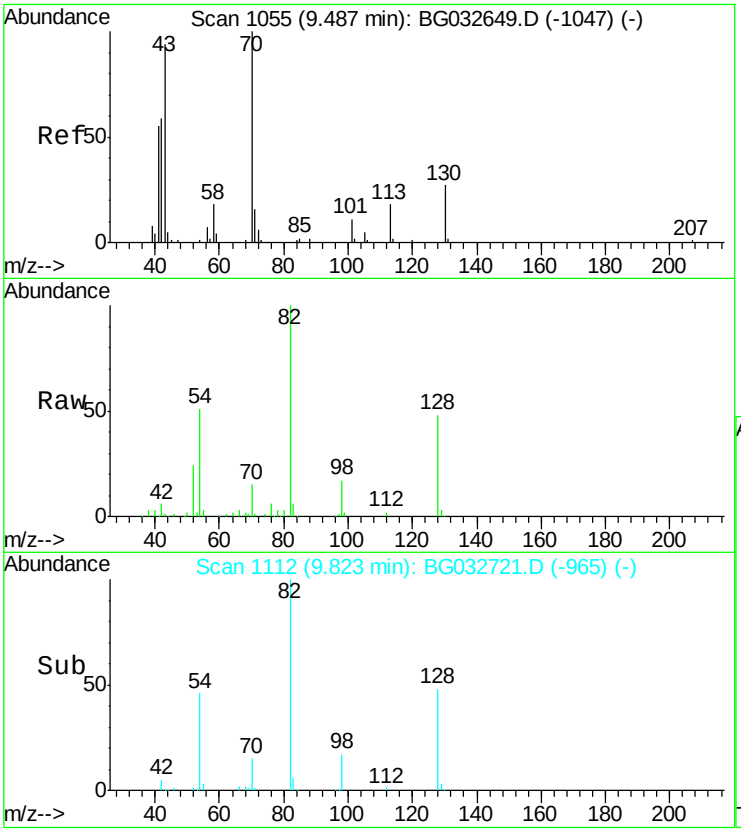


#15
Benzyl Alcohol
Concen: 2.39 ng
RT: 8.96 min Scan# 965
Delta R.T. 0.04 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Tgt Ion: 79 Resp: 2897

Ion	Ratio	Lower	Upper
79	100		
108	24.0	57.2	85.8#
77	95.2	46.1	69.1#



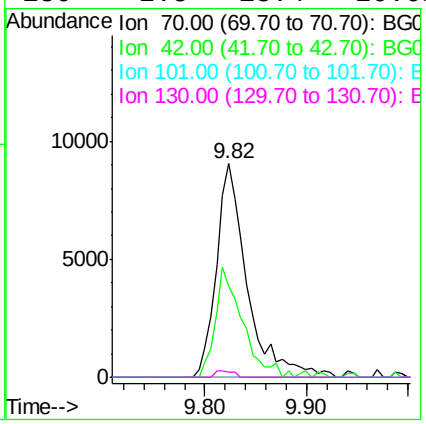


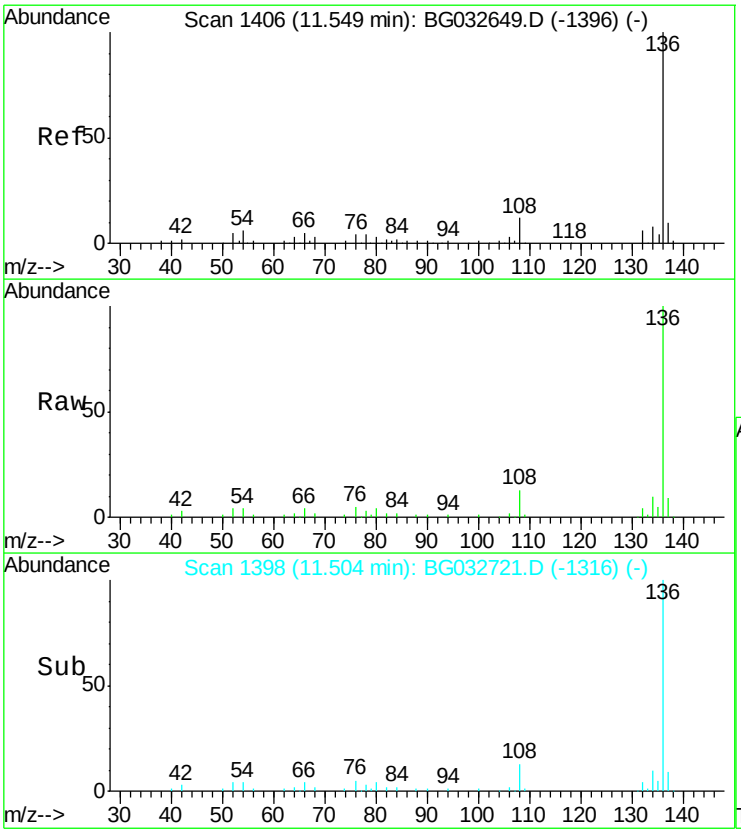
#19
n-Nitroso-di-n-propylamine
Concen: 17.52 ng
RT: 9.82 min Scan# 1112
Delta R.T. 0.34 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 19027

Ion	Ratio	Lower	Upper
70	100		
42	42.7	49.1	73.7#
101	0.0	8.5	12.7#
130	2.5	13.4	20.0#

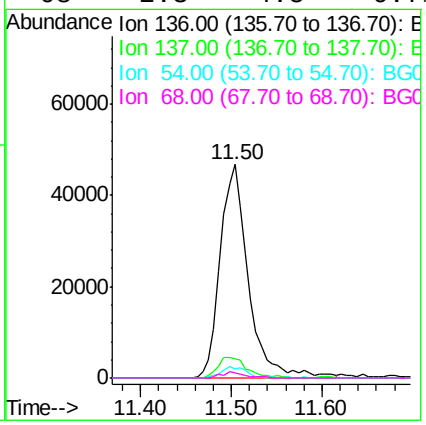


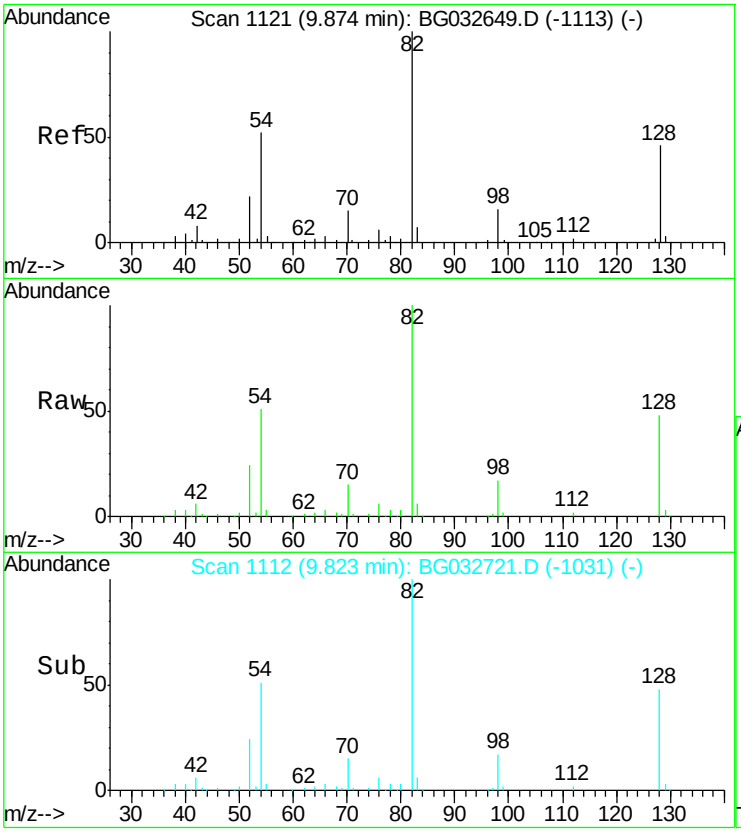


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.50 min Scan# 1398
Delta R.T. -0.05 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Tgt Ion:136 Resp: 100566

Ion	Ratio	Lower	Upper
136	100		
137	9.0	9.2	13.8#
54	4.4	10.3	15.5#
68	2.3	4.5	6.7#



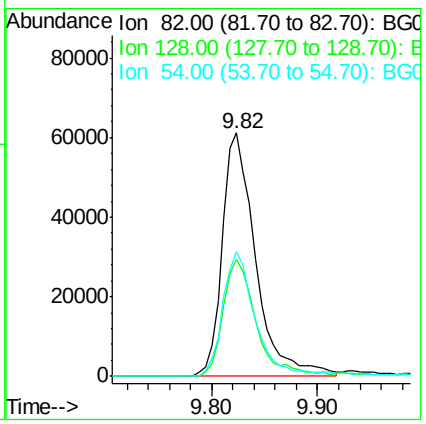


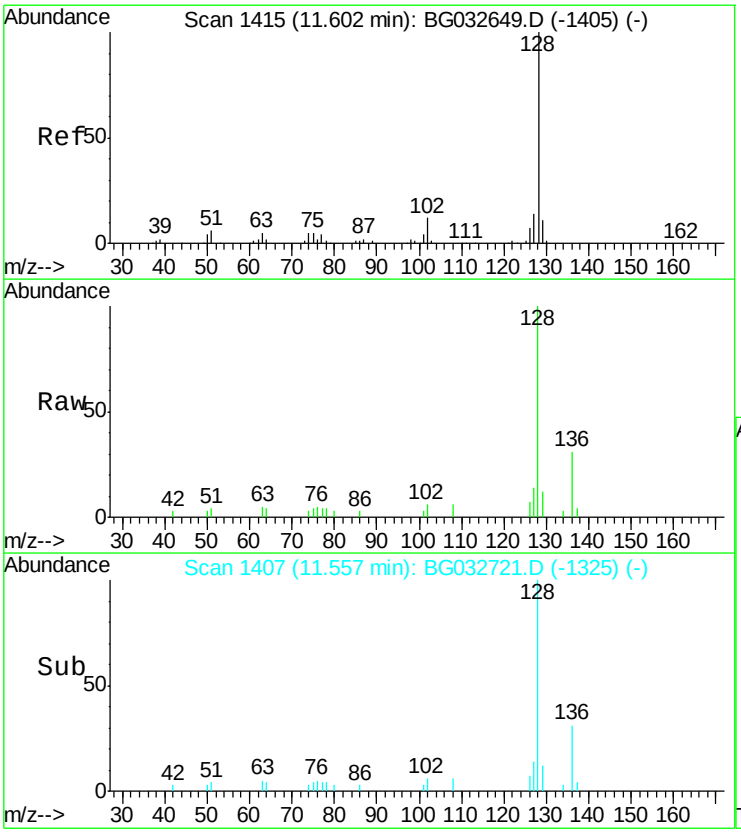
#23
Nitrobenzene-d5
Concen: 84.37 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.05 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 133500

Ion	Ratio	Lower	Upper
82	100		
128	48.0	29.7	44.5#
54	51.4	43.1	64.7

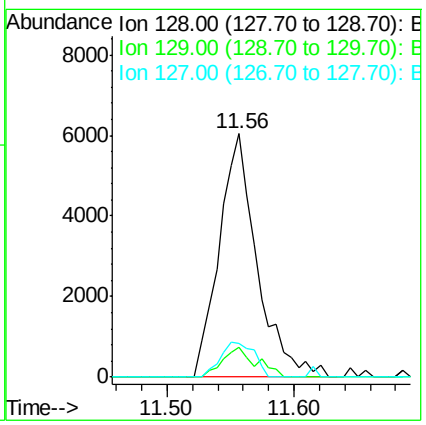


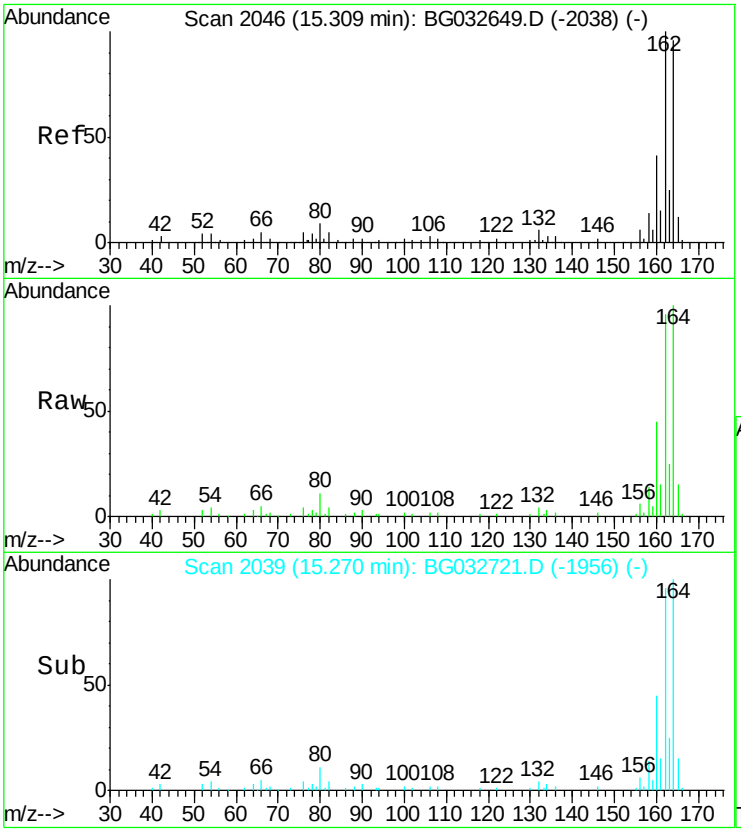


#31
Naphthalene
Concen: 2.56 ng
RT: 11.56 min Scan# 1407
Delta R.T. -0.05 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Tgt Ion:128 Resp: 12505

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.6	12.8
127	13.7	11.6	17.4



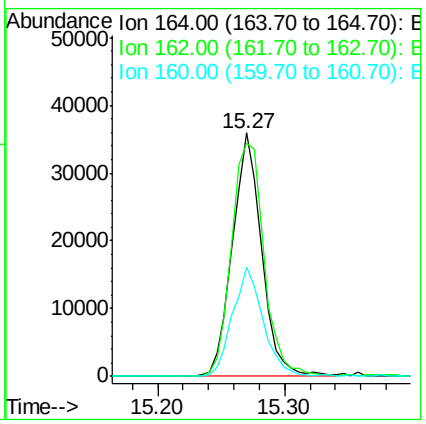


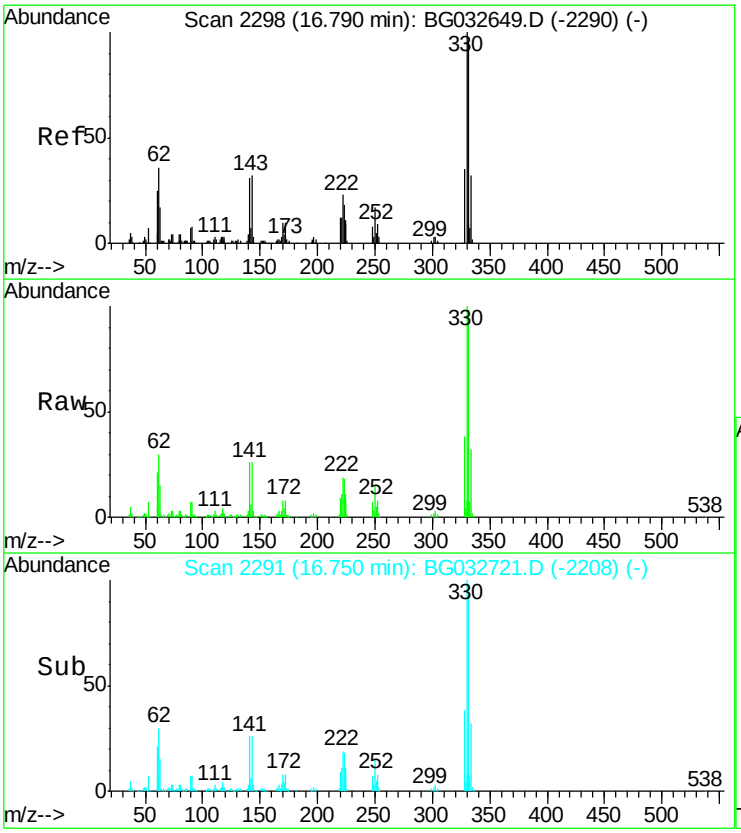
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.27 min Scan# 2039
Delta R.T. -0.04 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 56989

Ion	Ratio	Lower	Upper
164	100		
162	95.7	78.8	118.2
160	44.7	35.4	53.0

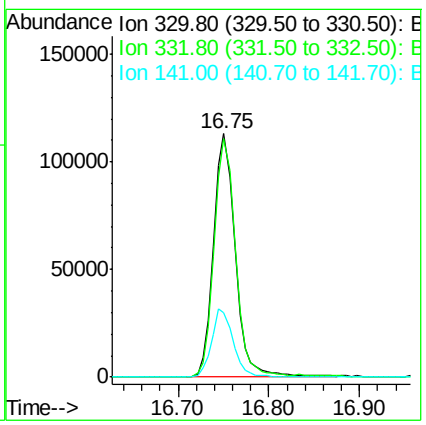


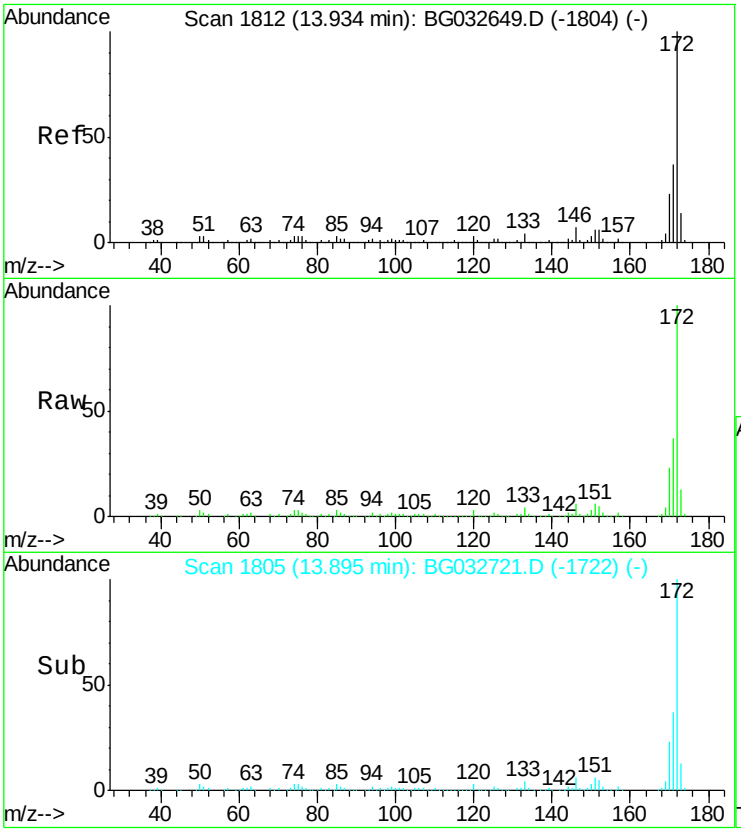


#41
2,4,6-Tribromophenol
Concen: 215.31 ng
RT: 16.75 min Scan# 2291
Delta R.T. -0.04 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Tgt Ion:330 Resp: 188940

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	27.7	25.2	37.8



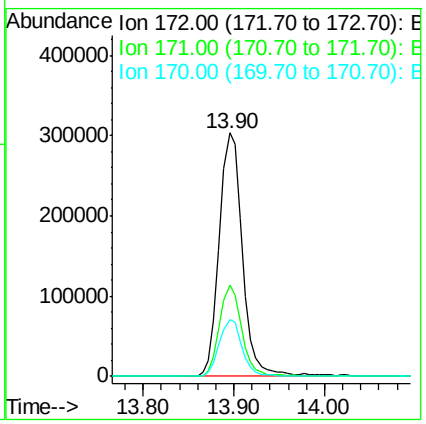


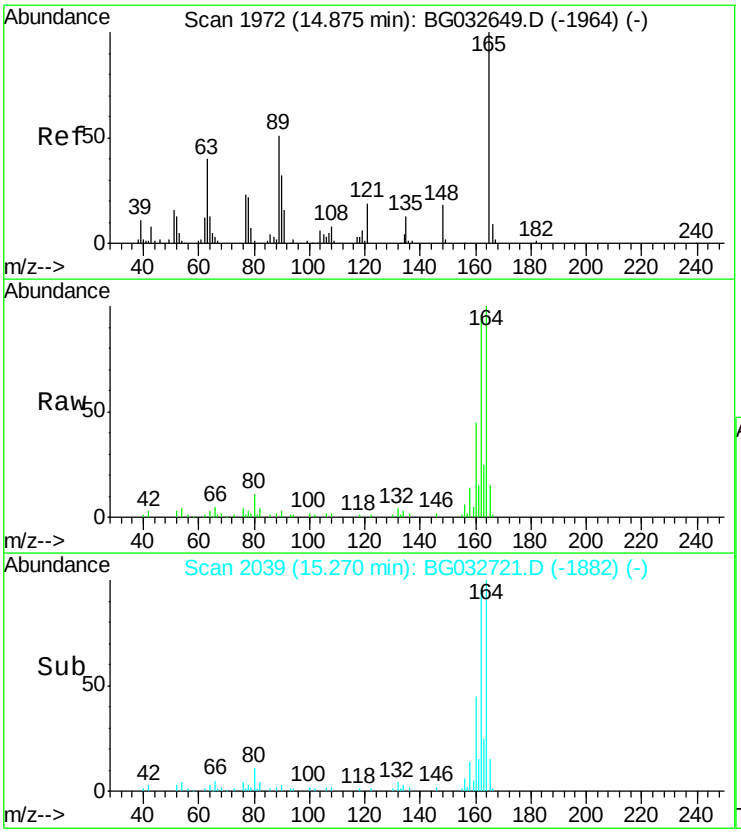
#44
2-Fluorobiphenyl
Concen: 118.19 ng
RT: 13.90 min Scan# 1805
Delta R.T. -0.04 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 538600

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.2	19.5	29.3

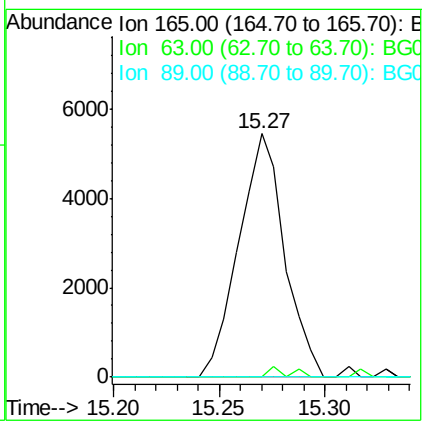


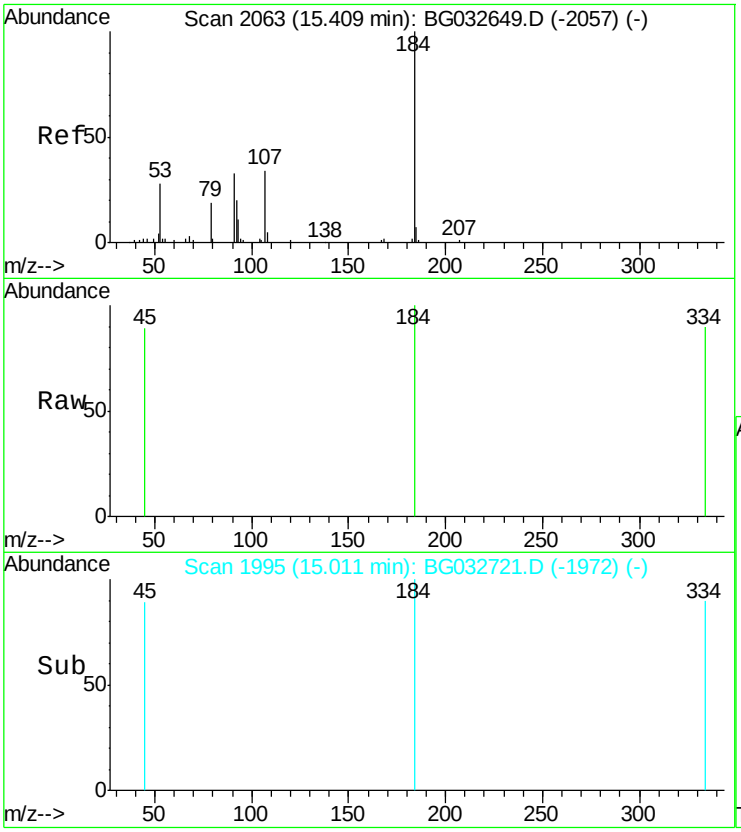


#50
2,6-Dinitrotoluene
Concen: 8.04 ng
RT: 15.27 min Scan# 2039
Delta R.T. 0.40 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Tgt Ion:165 Resp: 8154

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



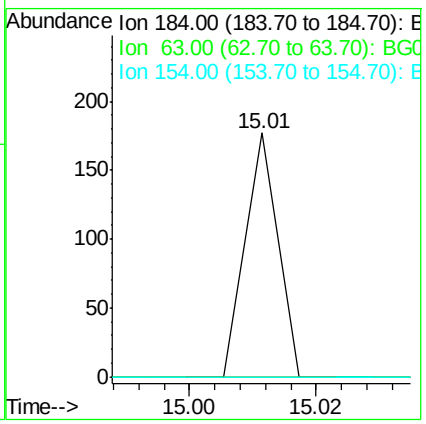


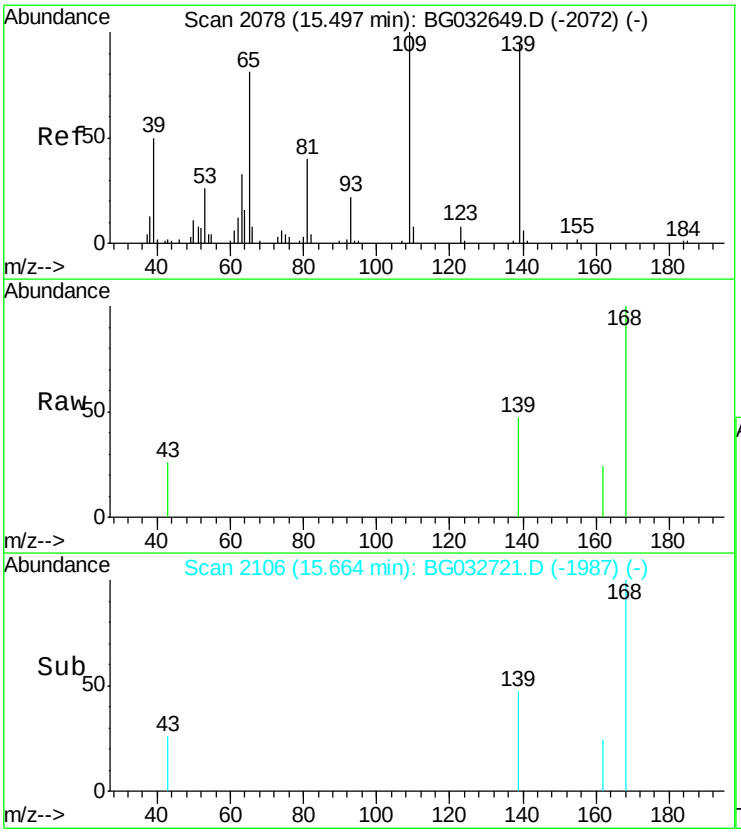
#53
2,4-Dinitrophenol
Concen: 11.56 ng
RT: 15.01 min Scan# 1995
Delta R.T. -0.40 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 62

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

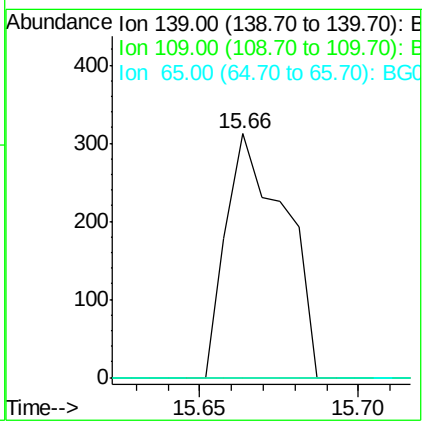


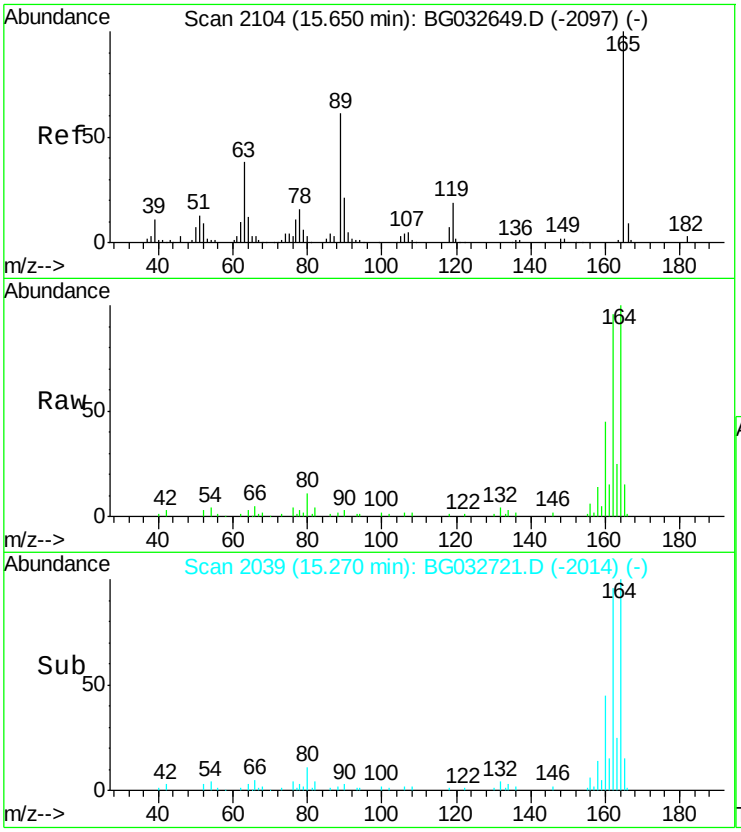


#55
4-Nitrophenol
Concen: 6.05 ng
RT: 15.66 min Scan# 2106
Delta R.T. 0.17 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Tgt Ion:139 Resp: 401

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



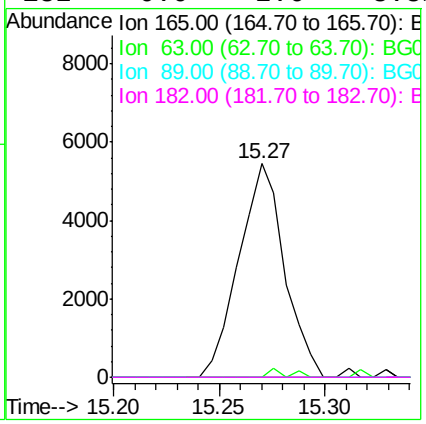


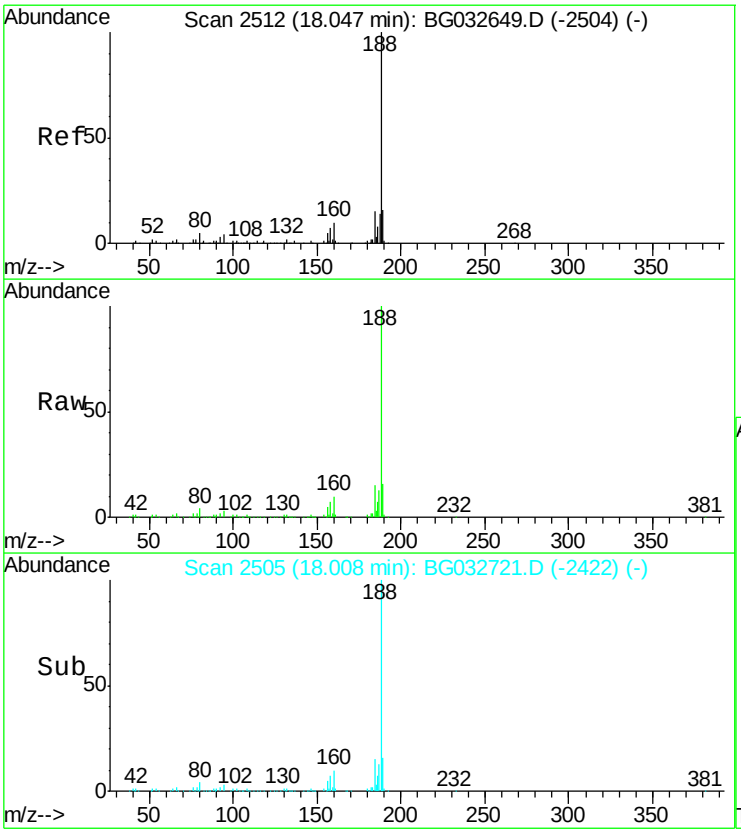
#56
2,4-Dinitrotoluene
Concen: 5.83 ng
RT: 15.27 min Scan# 2039
Delta R.T. -0.38 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 8154

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#

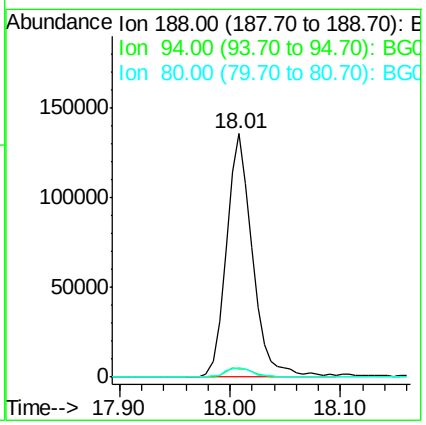


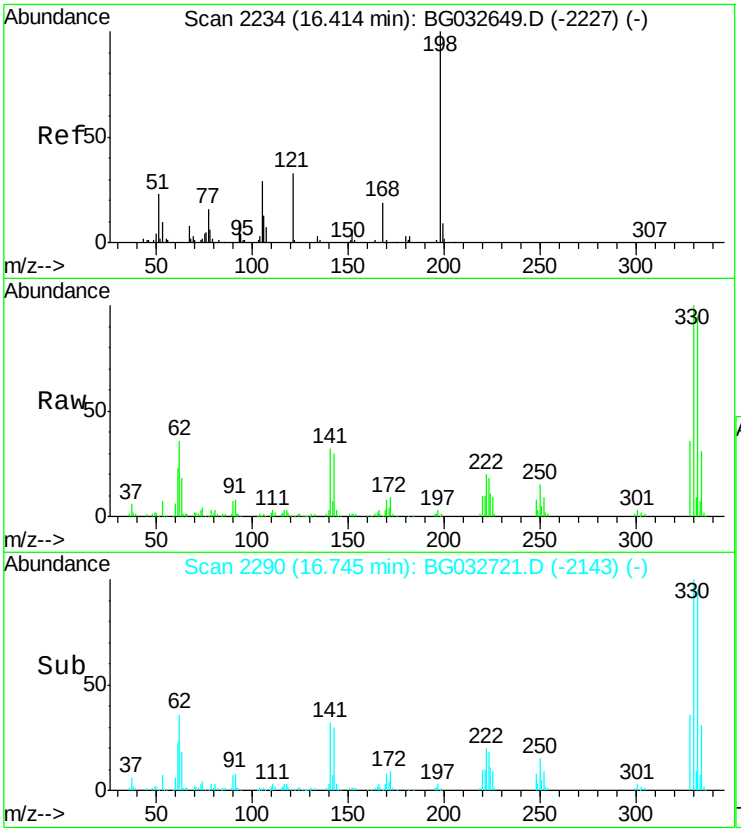


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.01 min Scan# 2505
Delta R.T. -0.04 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Tgt Ion:188 Resp: 224216

Ion	Ratio	Lower	Upper
188	100		
94	3.5	6.9	10.3#
80	3.9	7.7	11.5#



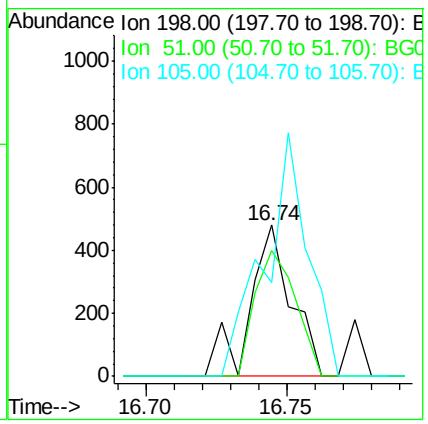


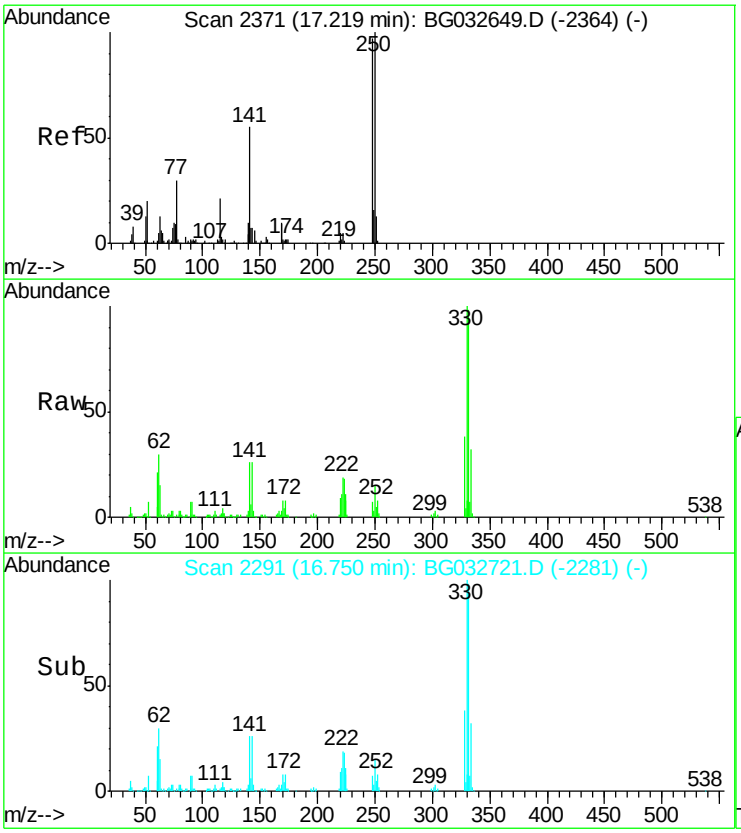
#64
4,6-Dinitro-2-methylphenol
Concen: 5.29 ng
RT: 16.74 min Scan# 2290
Delta R.T. 0.33 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 485

Ion	Ratio	Lower	Upper
198	100		
51	82.9	30.6	70.6#
105	62.3	23.8	63.8

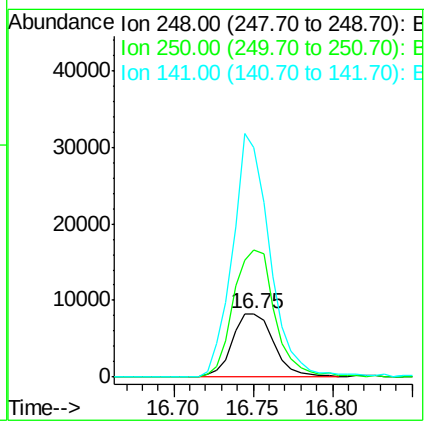


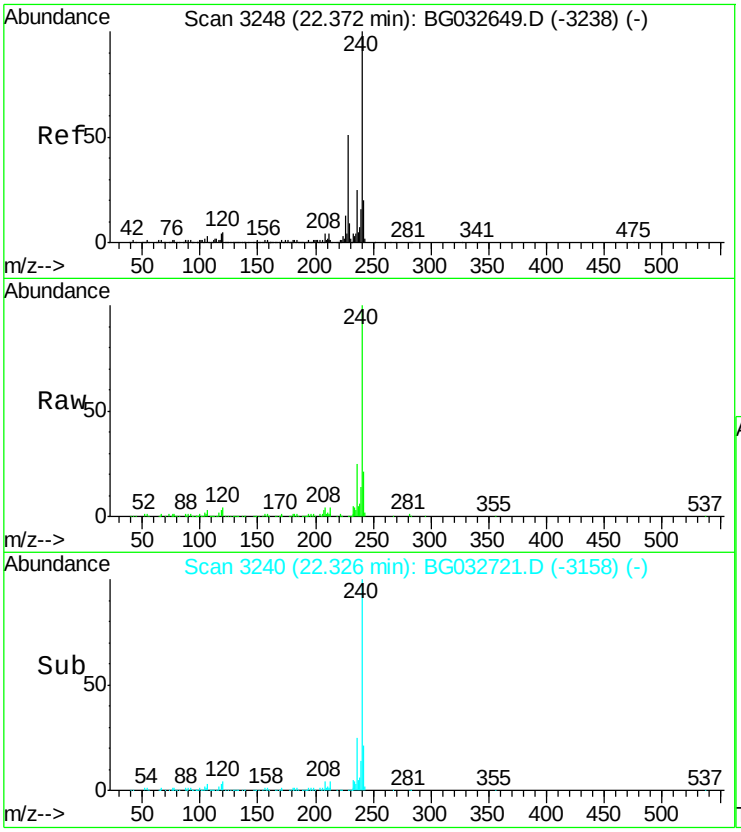


#66
4-Bromophenyl-phenylether
Concen: 4.70 ng
RT: 16.75 min Scan# 2291
Delta R.T. -0.47 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Tgt Ion:248 Resp: 15094

Ion	Ratio	Lower	Upper
248	100		
250	200.4	77.1	115.7#
141	360.6	50.8	76.2#



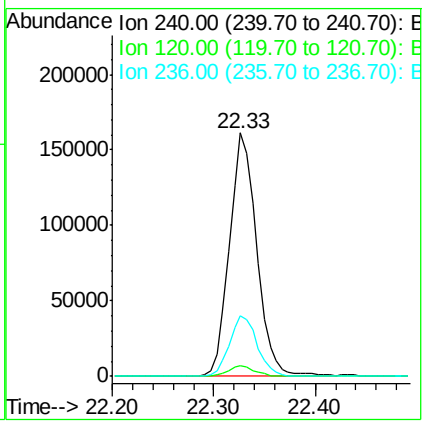


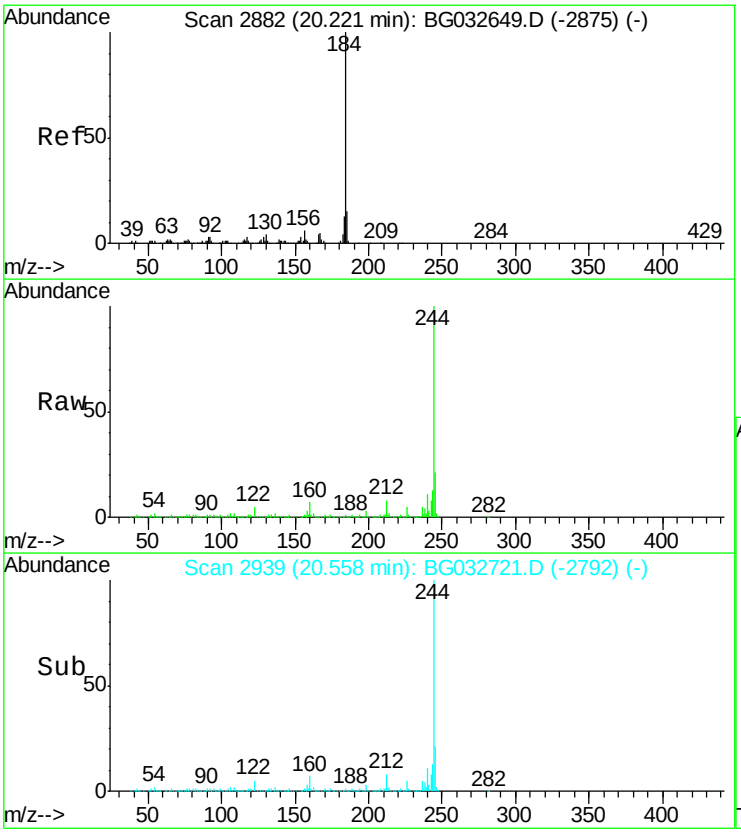
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.33 min Scan# 3240
Delta R.T. -0.05 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 302286

Ion	Ratio	Lower	Upper
240	100		
120	4.3	6.8	10.2#
236	24.7	20.9	31.3

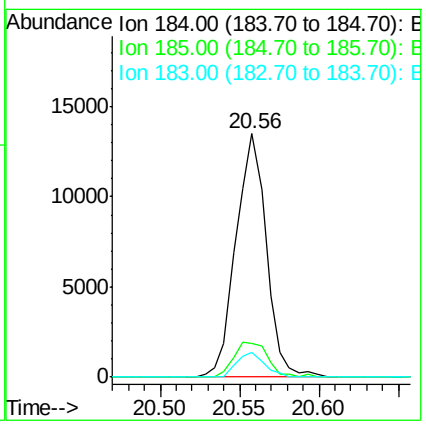


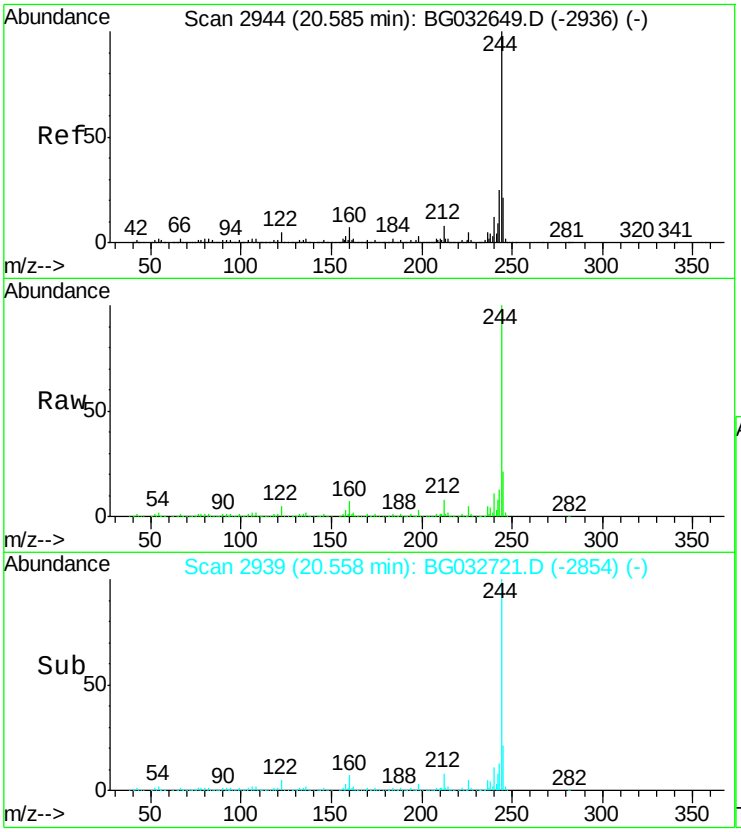


#76
Benzidine
Concen: 2.52 ng
RT: 20.56 min Scan# 2939
Delta R.T. 0.34 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Tgt Ion:184 Resp: 17917

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.1	16.7
183	10.4	10.6	16.0#



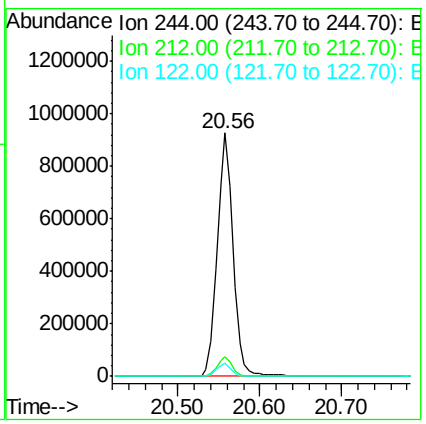


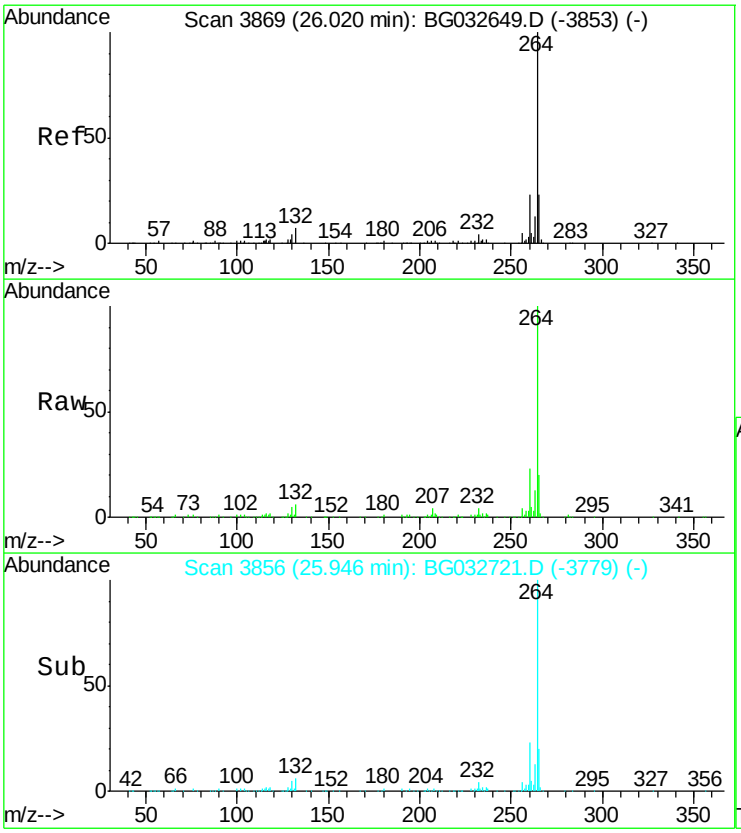
#78
Terphenyl-d14
Concen: 94.60 ng
RT: 20.56 min Scan# 2939
Delta R.T. -0.03 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1254667

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	5.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.95 min Scan# 3856
Delta R.T. -0.07 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Tgt Ion:264 Resp: 320828

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	19.8	17.7	26.5