Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG011618\
Data File : BG032090.D
Acq On : 17 Jan 2018 4:12
Operator : SJ/JU
Sample : J1014-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 17 06:01:50 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	8.77	152	52763	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	206661	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	136241	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	357180	20.00	ng	0.00
75) Chrysene-d12	22.47	240	425925	20.00	ng	-0.01
86) Perylene-d12	26.19	264	442892	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	402863	139.65	ng	0.00
7) Phenol-d6	7.87	99	432850	119.13	ng	0.00
23) Nitrobenzene-d5	9.97	82	340432	111.45	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	359802	159.59	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1149390	104.61	ng	0.00
78) Terphenyl-d14	20.66	244	2047468	106.14	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.11	79	6318	2.394	ng	# 32
19) n-Nitroso-di-n-propylamine	9.97	70	46656	20.696	ng	# 75
31) Naphthalene	11.70	128	21013	2.053	ng	# 95
32) Benzoic acid	10.88	122	64	5.281	ng	# 1
50) 2,6-Dinitrotoluene	15.40	165	17745	7.171	ng	# 20
56) 2,4-Dinitrotoluene	15.40	165	17745	5.326	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.87	198	1039	5.293	ng	# 22
66) 4-Bromophenyl-phenylether	16.88	248	30397	5.981	ng	# 1
76) Benzidine	20.66	184	29257	2.747	ng	# 93

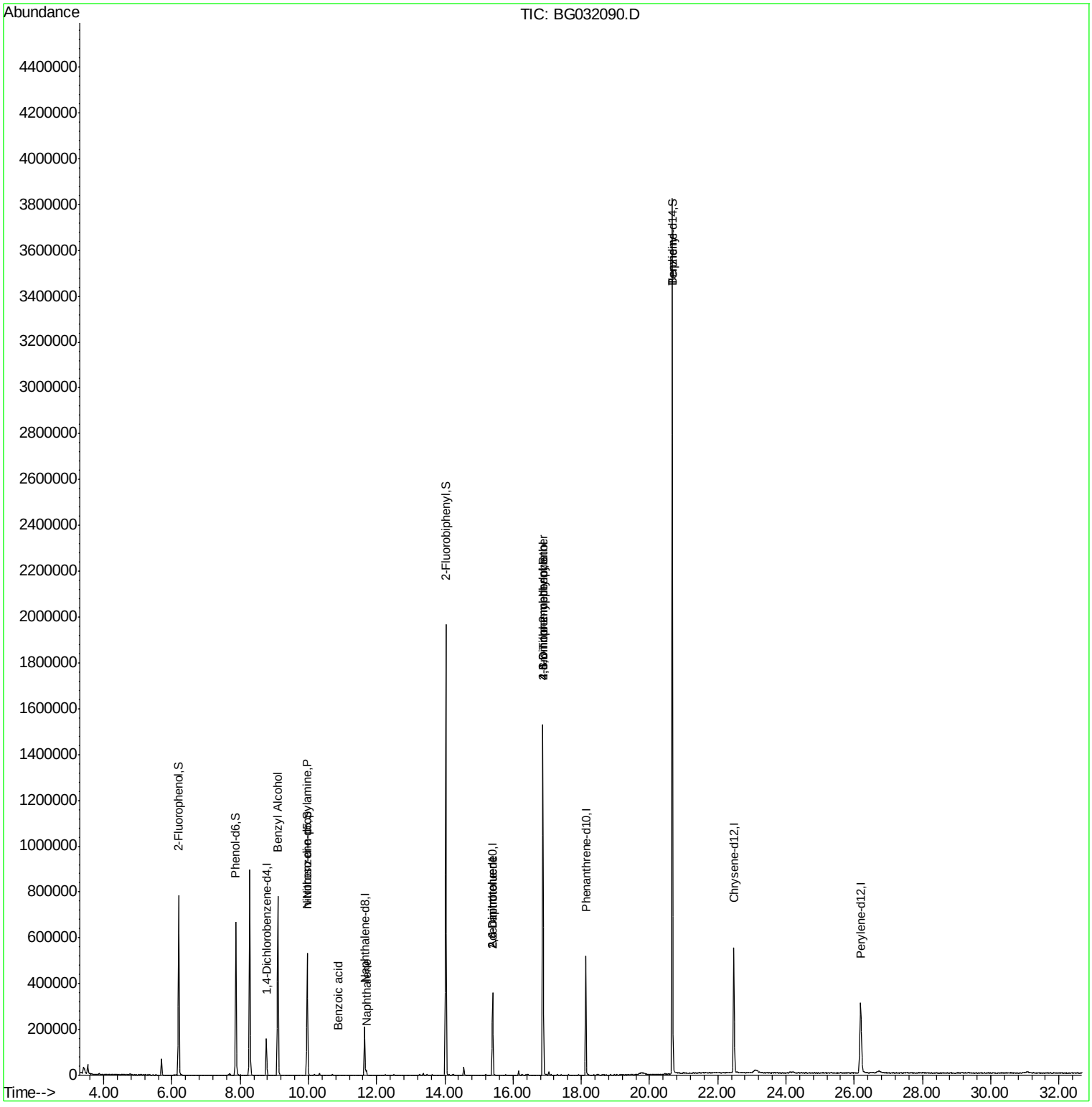
(#) = qualifier out of range (m) = manual integration (+) = signals summed

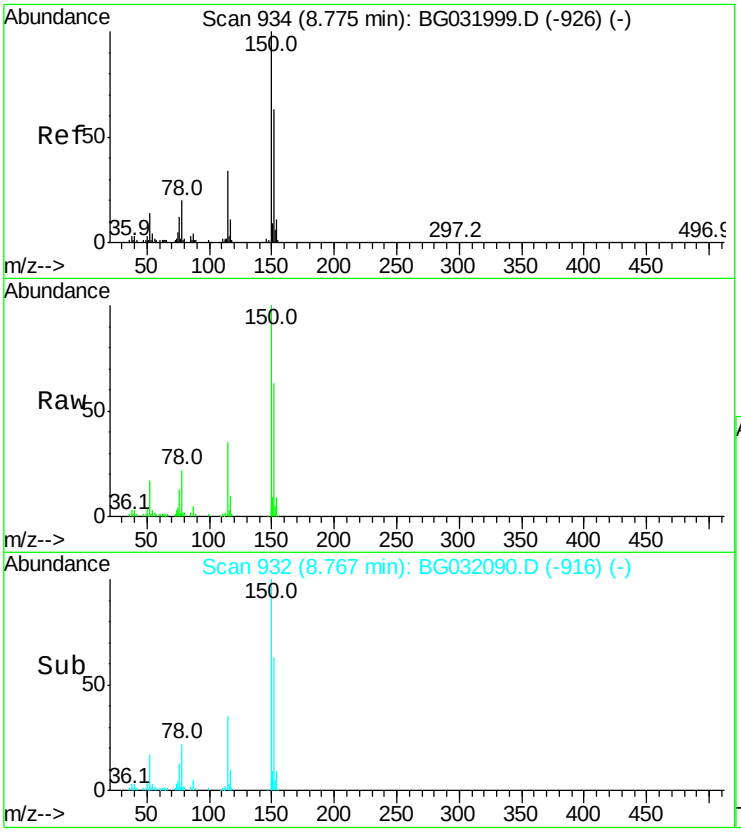
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG011618\
Data File : BG032090.D
Acq On : 17 Jan 2018 4:12
Operator : SJ/JU
Sample : J1014-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 17 06:01:50 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



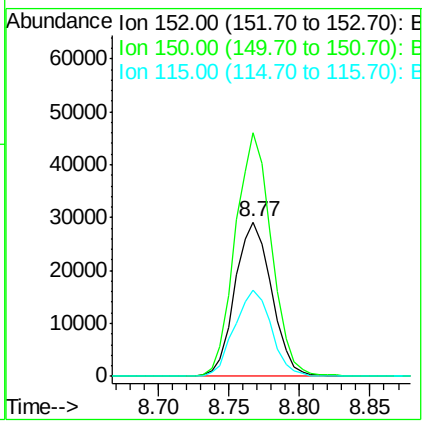


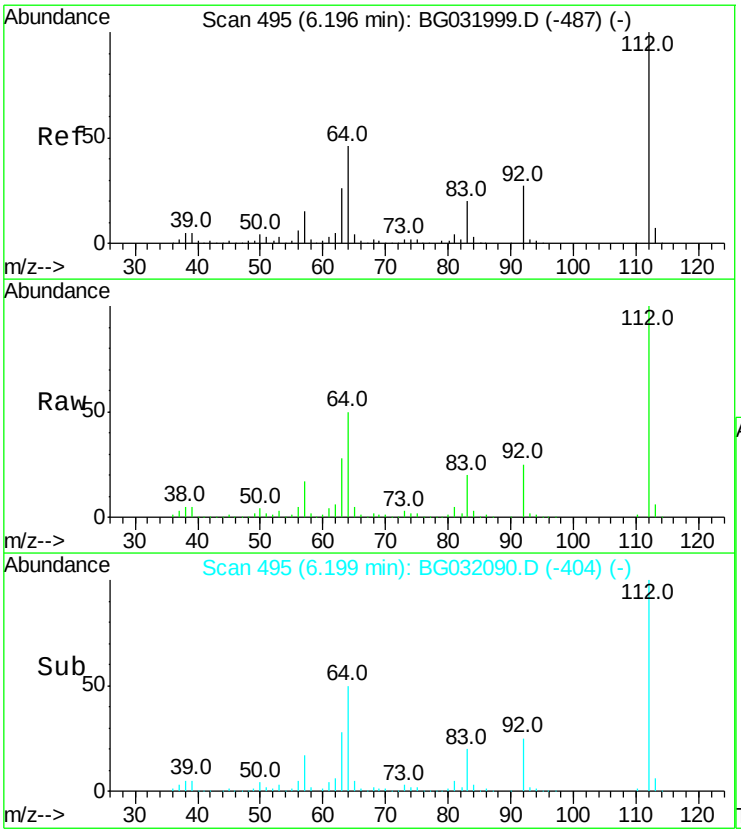
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 52763

Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.6	189.8
115	55.6	53.0	79.4

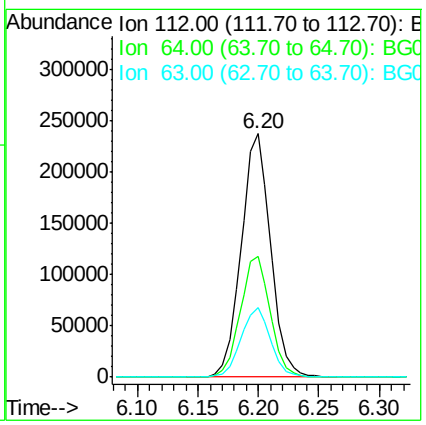


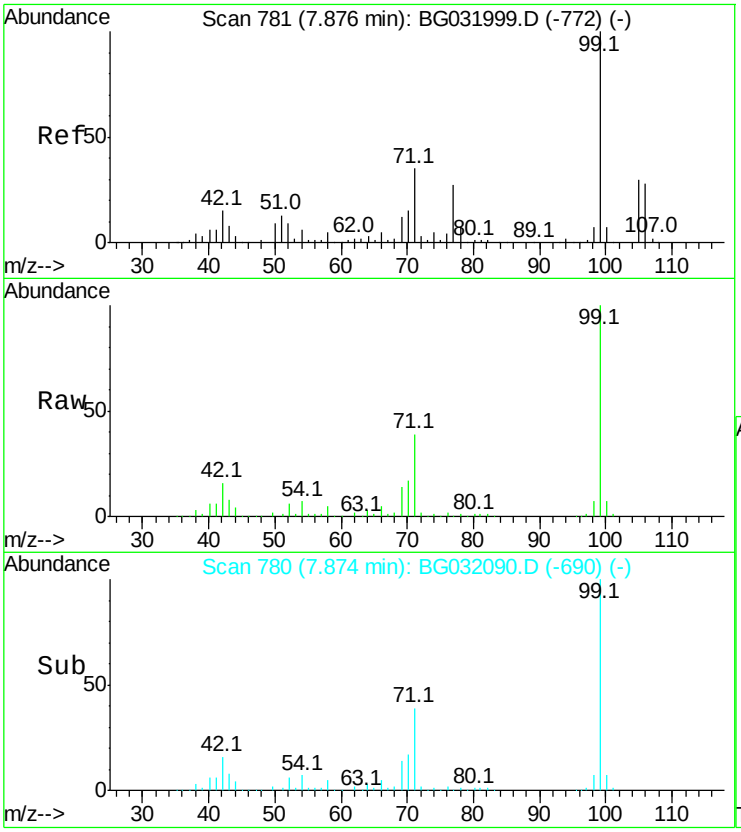


#5
2-Fluorophenol
Concen: 139.645 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Tgt Ion:112 Resp: 402863

Ion	Ratio	Lower	Upper
112	100		
64	49.5	56.3	84.5#
63	28.3	30.1	45.1#



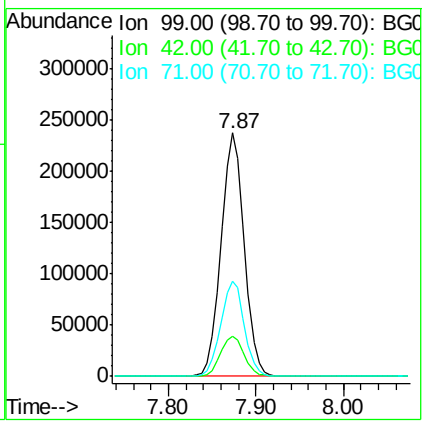


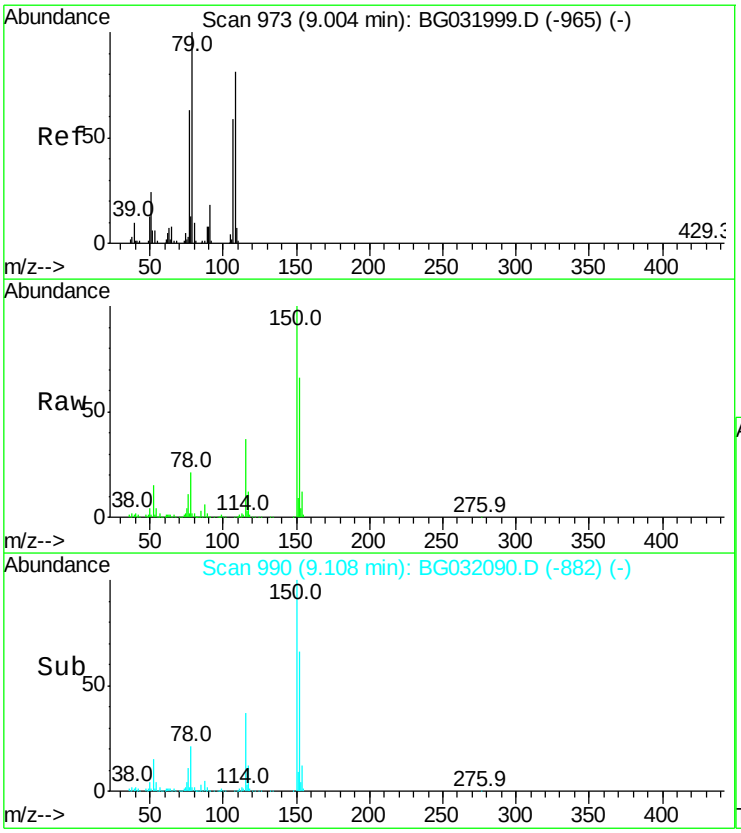
#7
Phenol-d6
Concen: 119.132 ng
RT: 7.87 min Scan# 780
Delta R.T. -0.00 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 432850

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	39.0	26.1	39.1

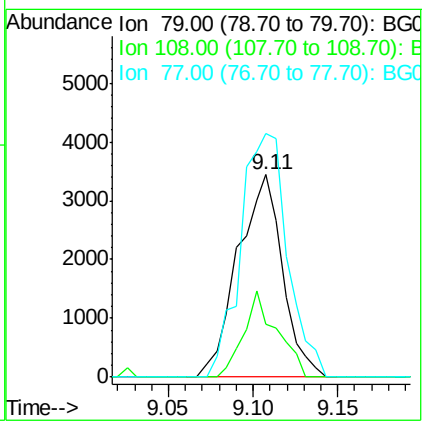


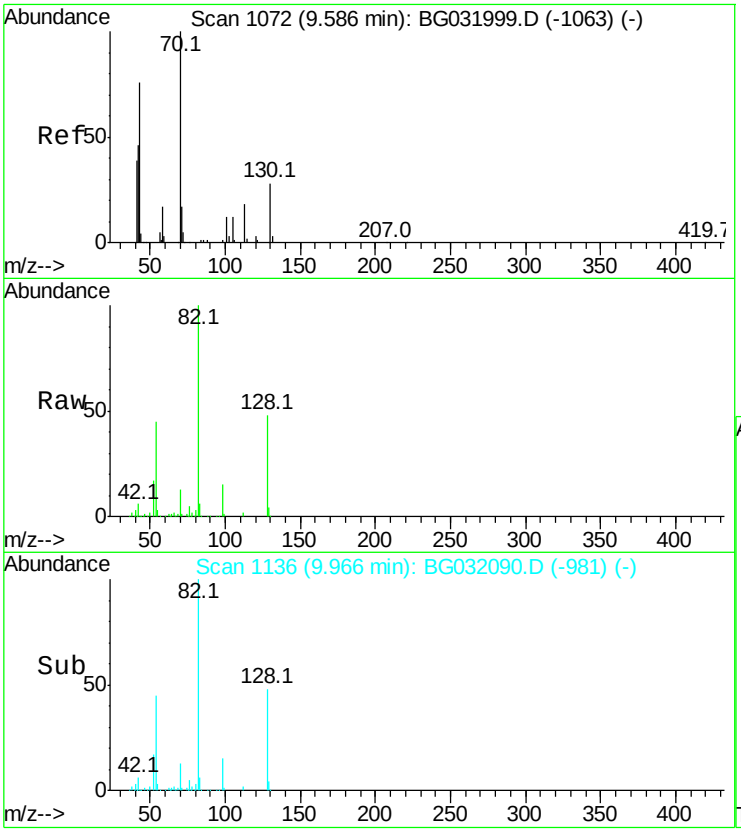


#15
Benzyl Alcohol
Concen: 2.394 ng
RT: 9.11 min Scan# 990
Delta R.T. 0.10 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Tgt Ion: 79 Resp: 6318

Ion	Ratio	Lower	Upper
79	100		
108	26.2	57.2	85.8#
77	120.3	46.1	69.1#



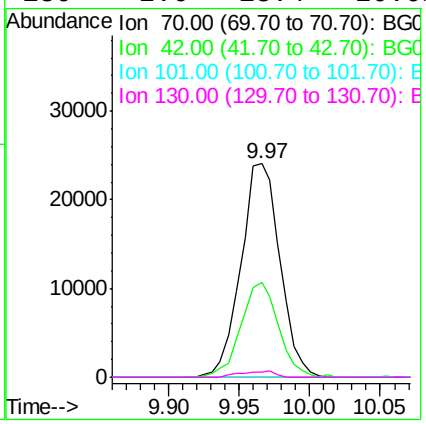


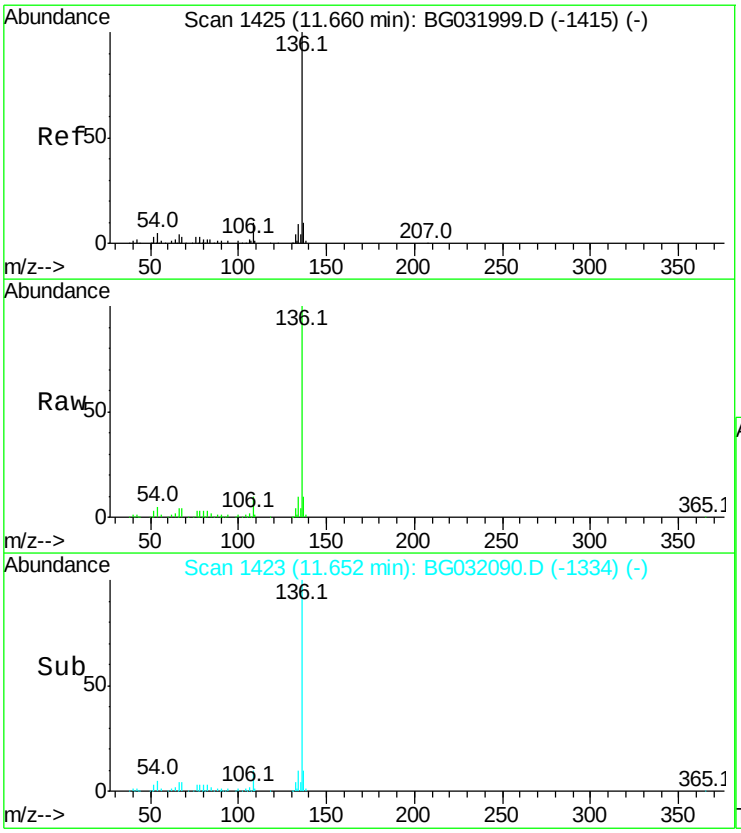
#19
n-Nitroso-di-n-propylamine
Concen: 20.696 ng
RT: 9.97 min Scan# 1136
Delta R.T. 0.38 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 46656

Ion	Ratio	Lower	Upper
70	100		
42	44.4	49.1	73.7#
101	0.0	8.5	12.7#
130	2.6	13.4	20.0#

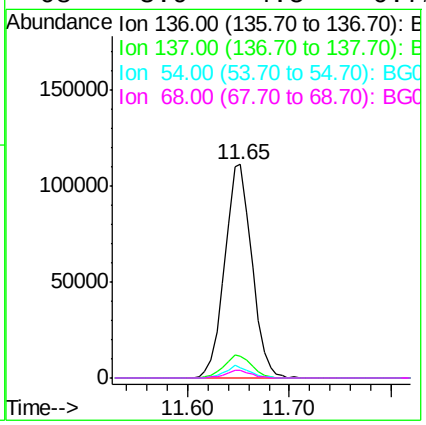


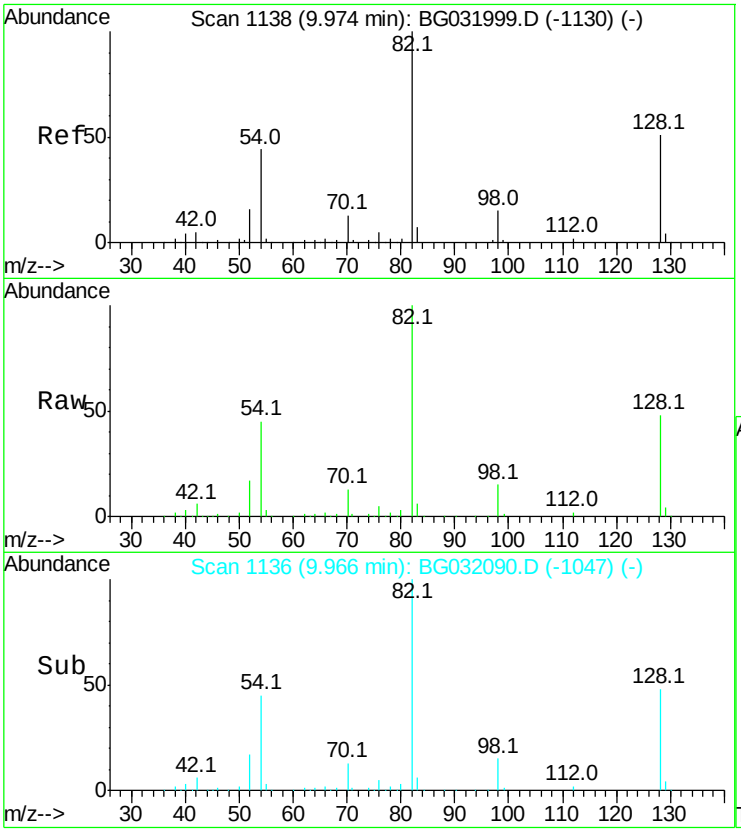


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Tgt Ion:136 Resp: 206661

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	5.1	10.3	15.5#
68	3.9	4.5	6.7#



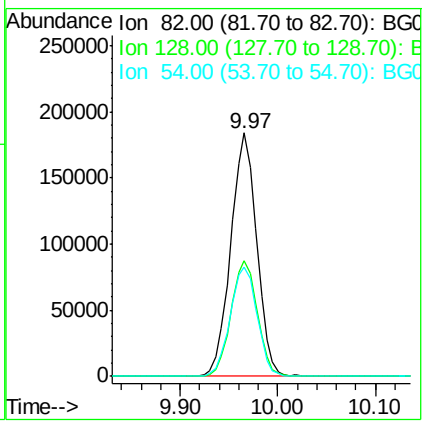


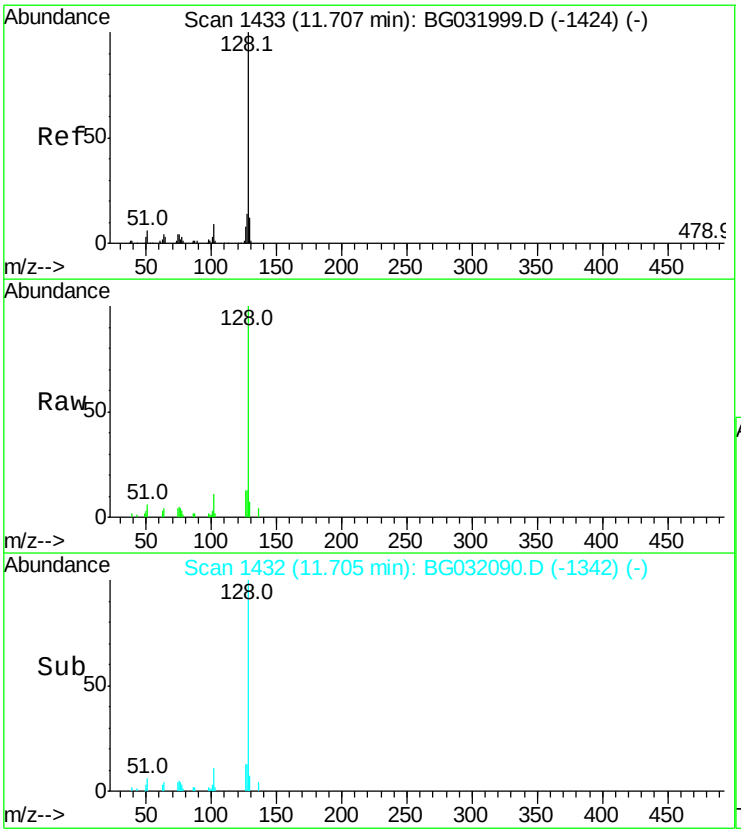
#23
Nitrobenzene-d5
Concen: 111.447 ng
RT: 9.97 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 340432

Ion	Ratio	Lower	Upper
82	100		
128	47.7	29.7	44.5#
54	45.1	43.1	64.7

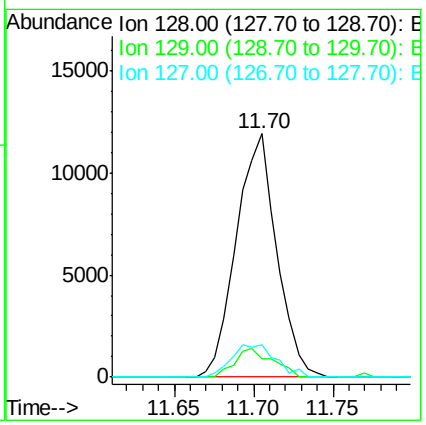


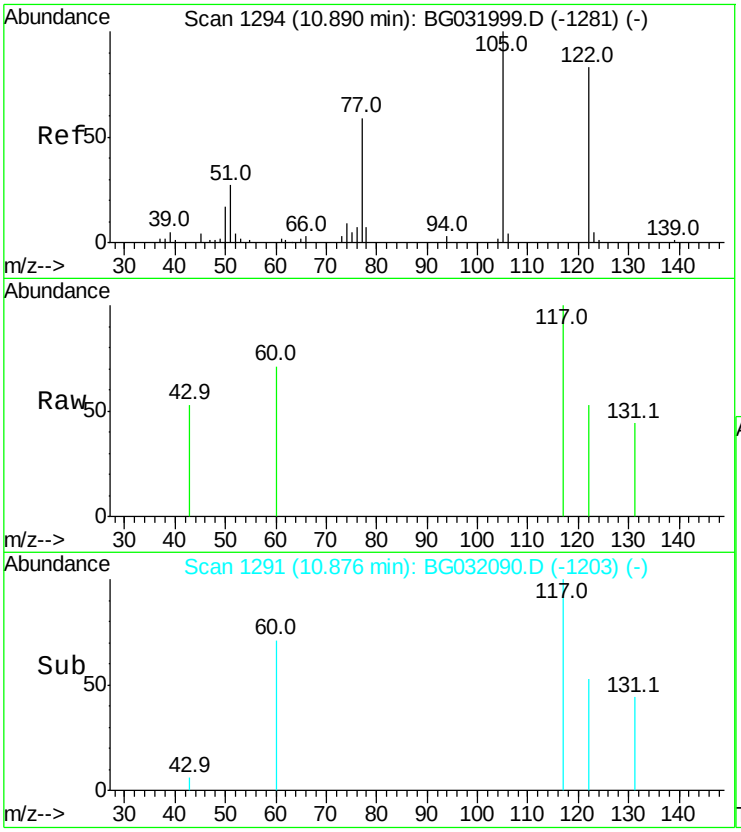


#31
Naphthalene
Concen: 2.053 ng
RT: 11.70 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Tgt Ion:128 Resp: 21013

Ion	Ratio	Lower	Upper
128	100		
129	7.3	8.6	12.8#
127	13.4	11.6	17.4



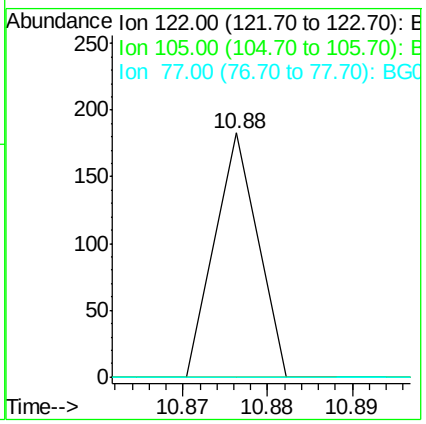


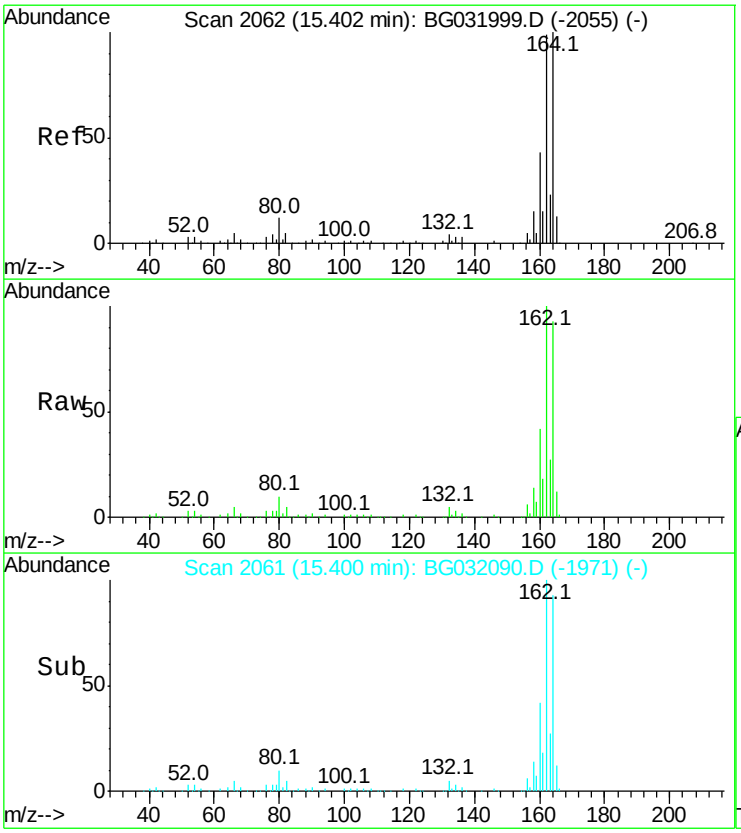
#32
Benzoic acid
Concen: 5.281 ng
RT: 10.88 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 64

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

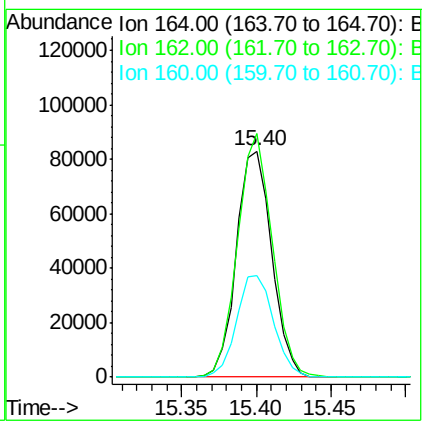


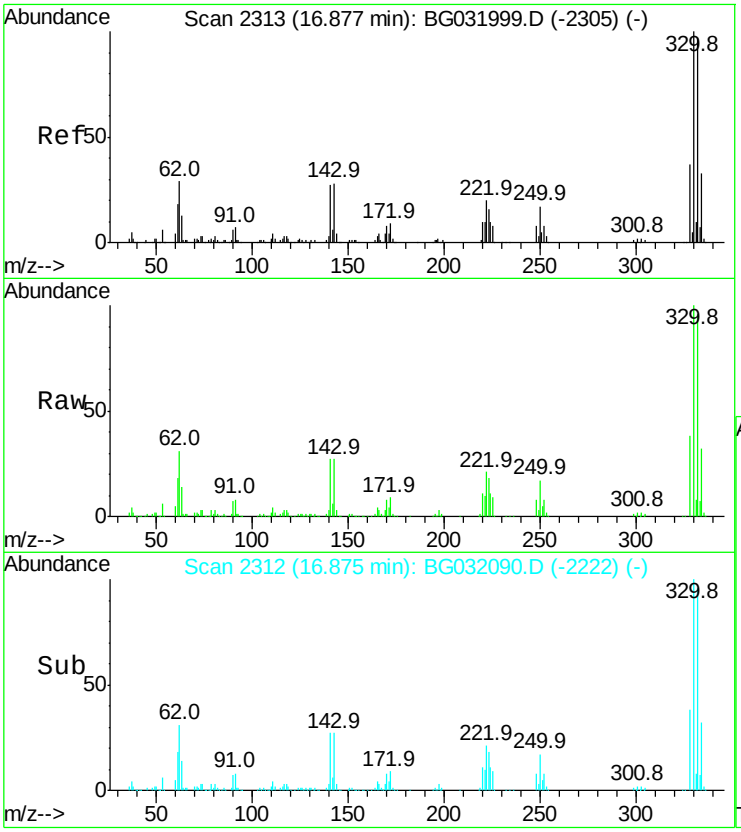


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Tgt Ion:164 Resp: 136241

Ion	Ratio	Lower	Upper
164	100		
162	107.7	78.8	118.2
160	45.0	35.4	53.0



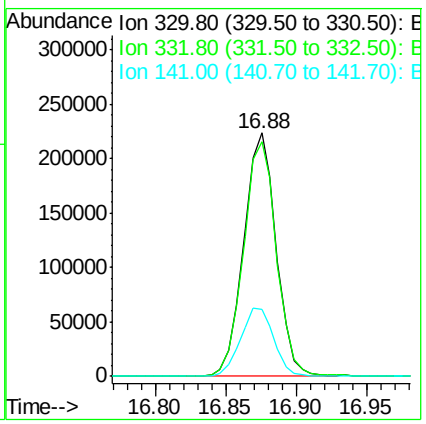


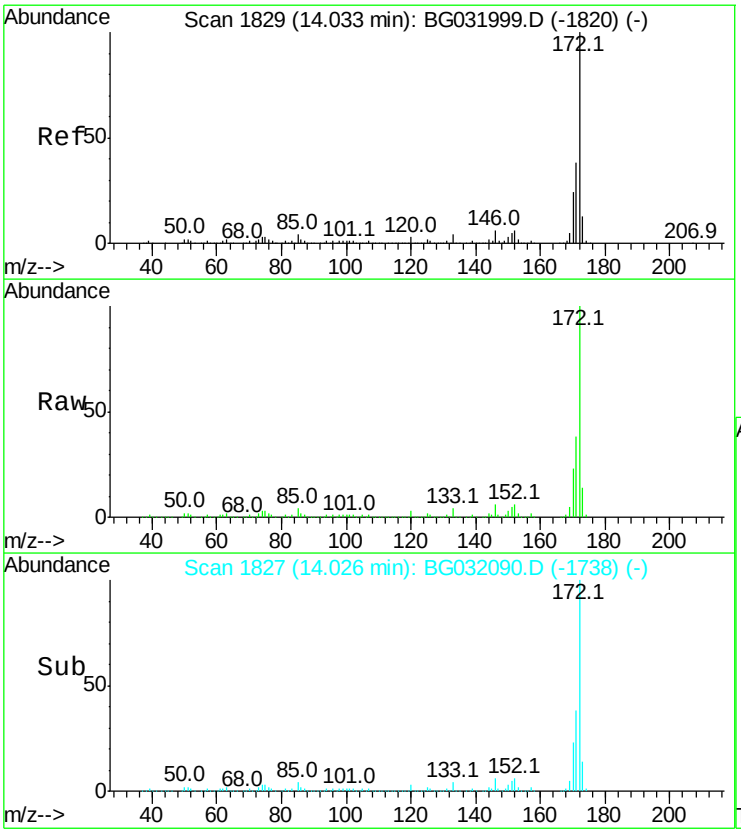
#41
2,4,6-Tribromophenol
Concen: 159.595 ng
RT: 16.88 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 359802

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	28.9	25.2	37.8

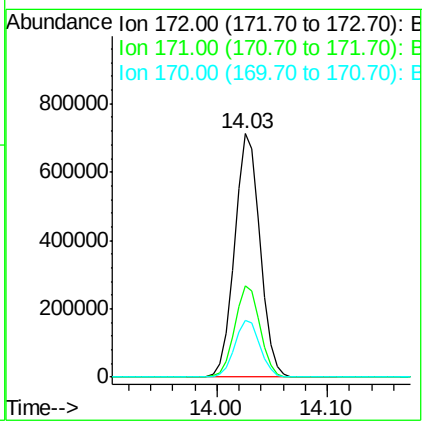


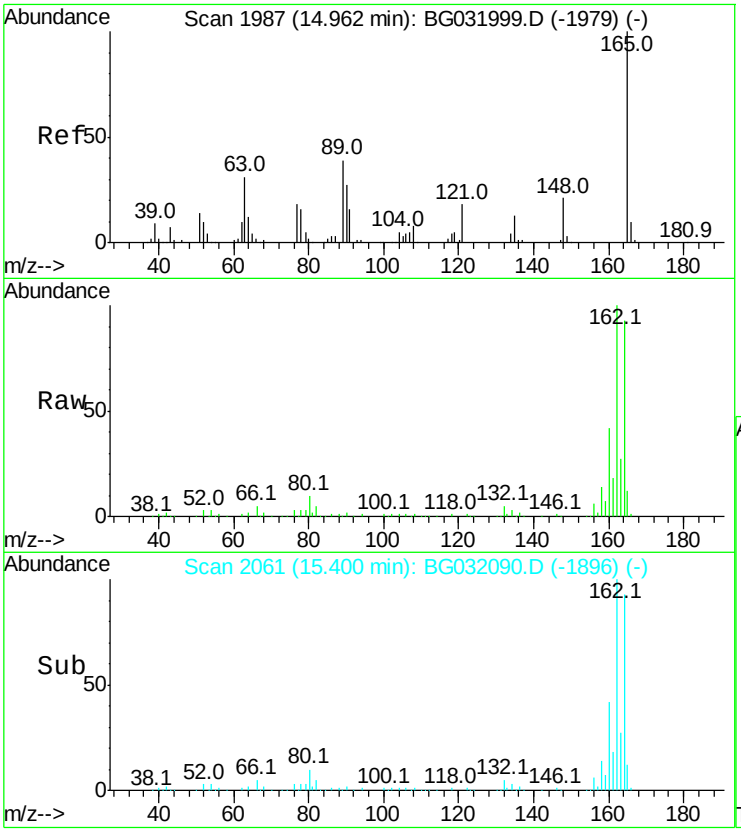


#44
2-Fluorobiphenyl
Concen: 104.608 ng
RT: 14.03 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Tgt Ion:172 Resp: 1149390

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	23.4	19.5	29.3



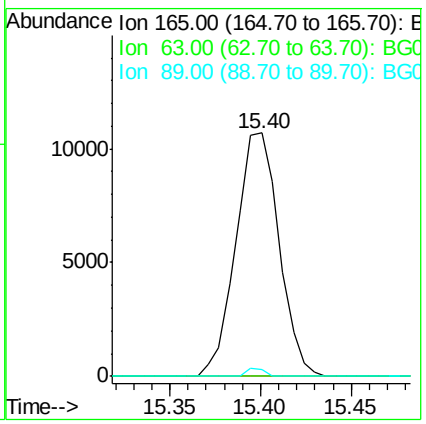


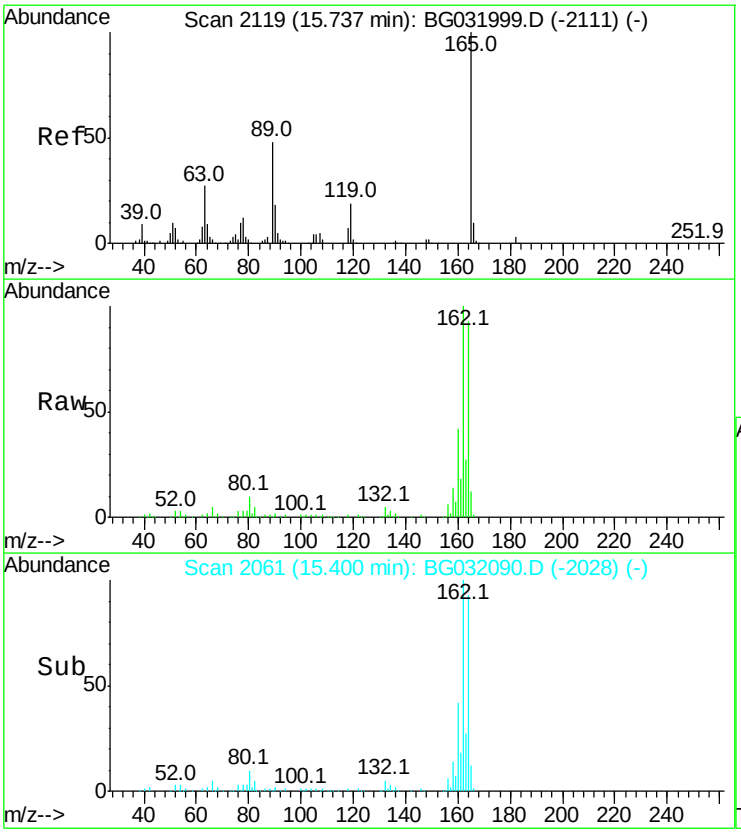
#50
2,6-Dinitrotoluene
Concen: 7.171 ng
RT: 15.40 min Scan# 2061
Delta R.T. 0.44 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17745

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

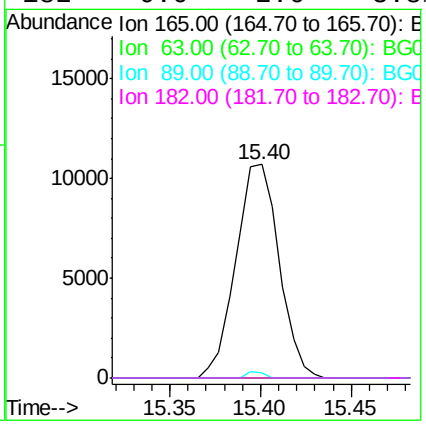


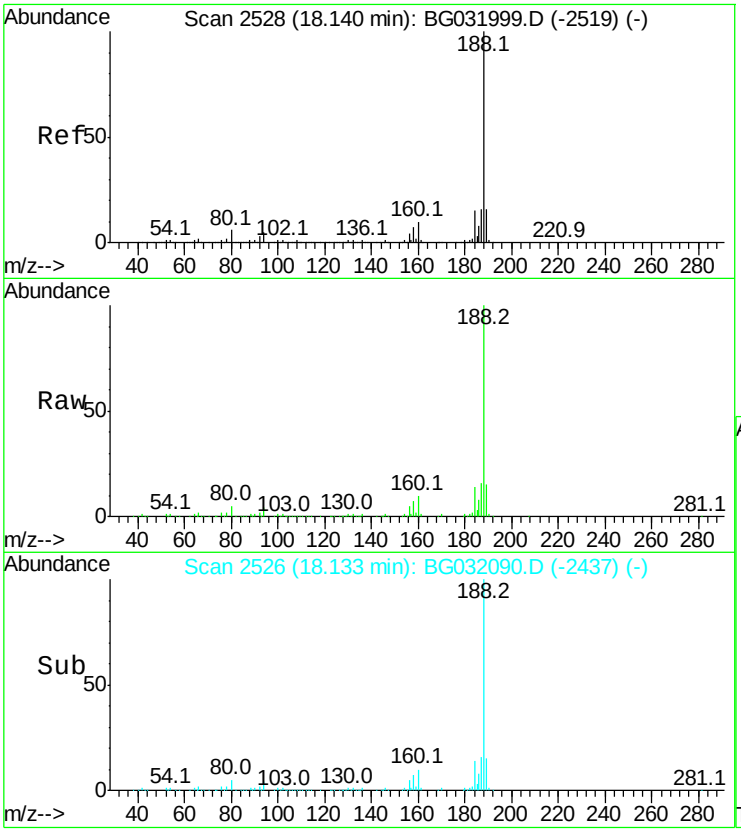


#56
2,4-Dinitrotoluene
Concen: 5.326 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.34 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Tgt Ion:165 Resp: 17745

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



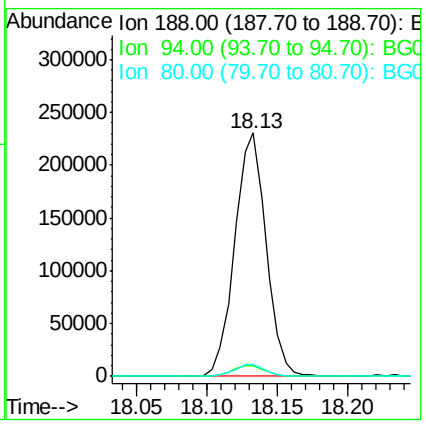


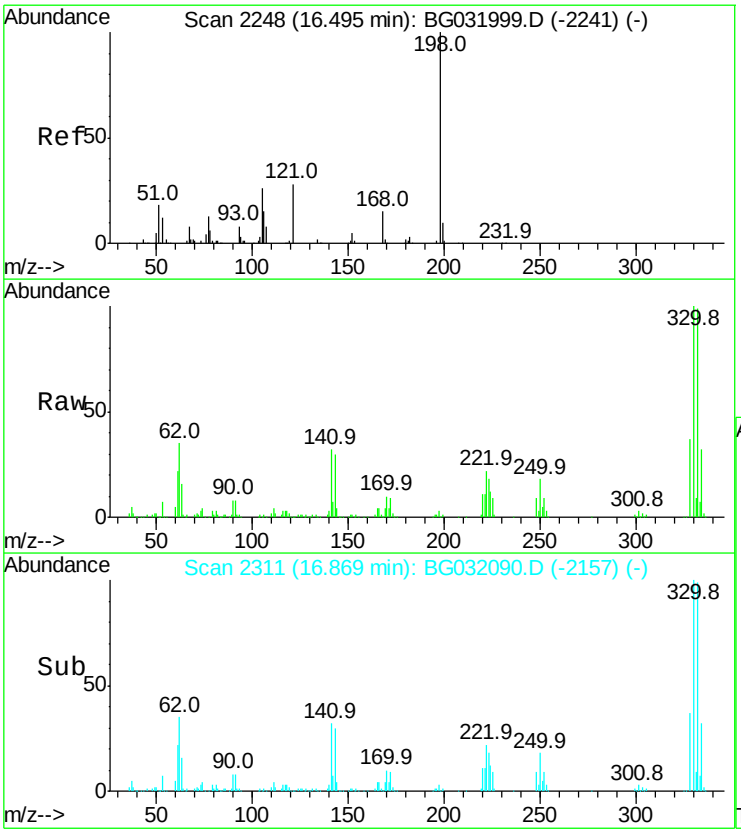
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 357180

Ion	Ratio	Lower	Upper
188	100		
94	4.2	6.9	10.3#
80	4.9	7.7	11.5#

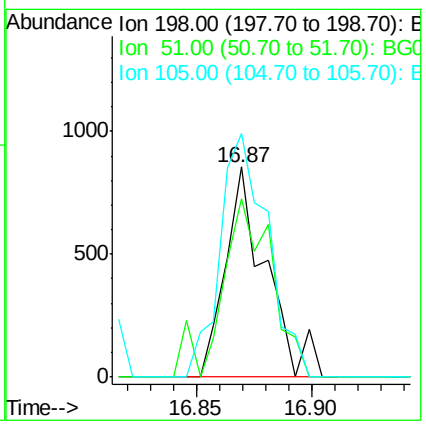


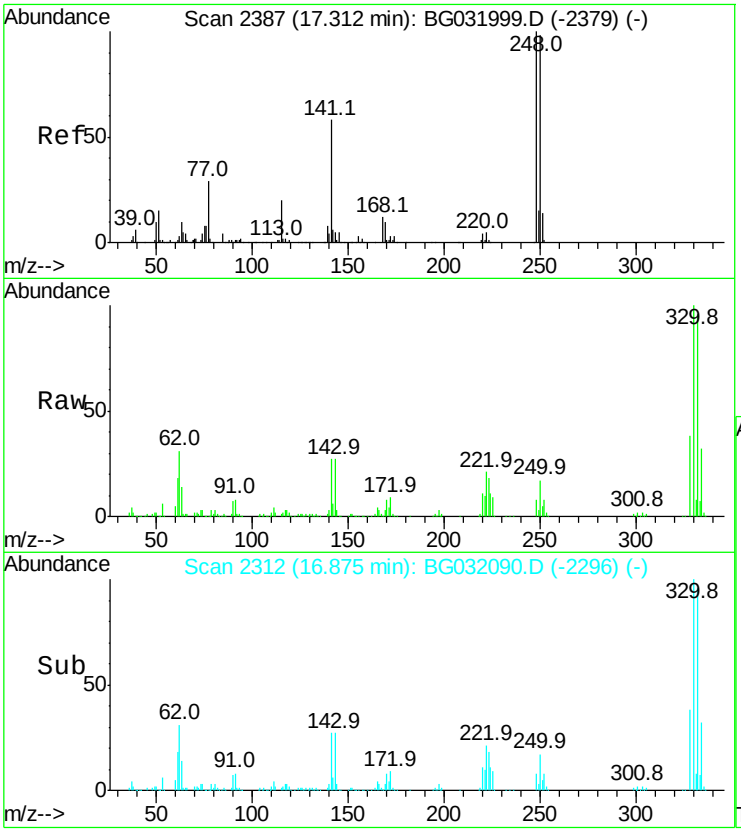


#64
4,6-Dinitro-2-methylphenol
Concen: 5.293 ng
RT: 16.87 min Scan# 2311
Delta R.T. 0.37 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Tgt Ion:198 Resp: 1039

Ion	Ratio	Lower	Upper
198	100		
51	84.6	30.6	70.6#
105	115.9	23.8	63.8#



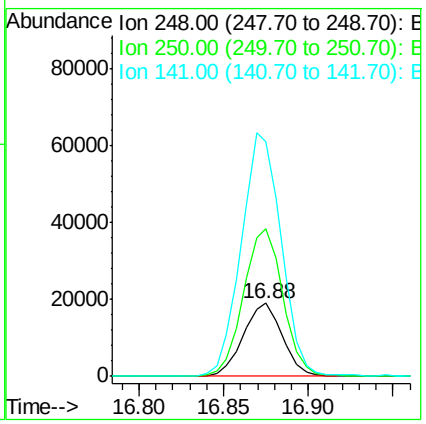


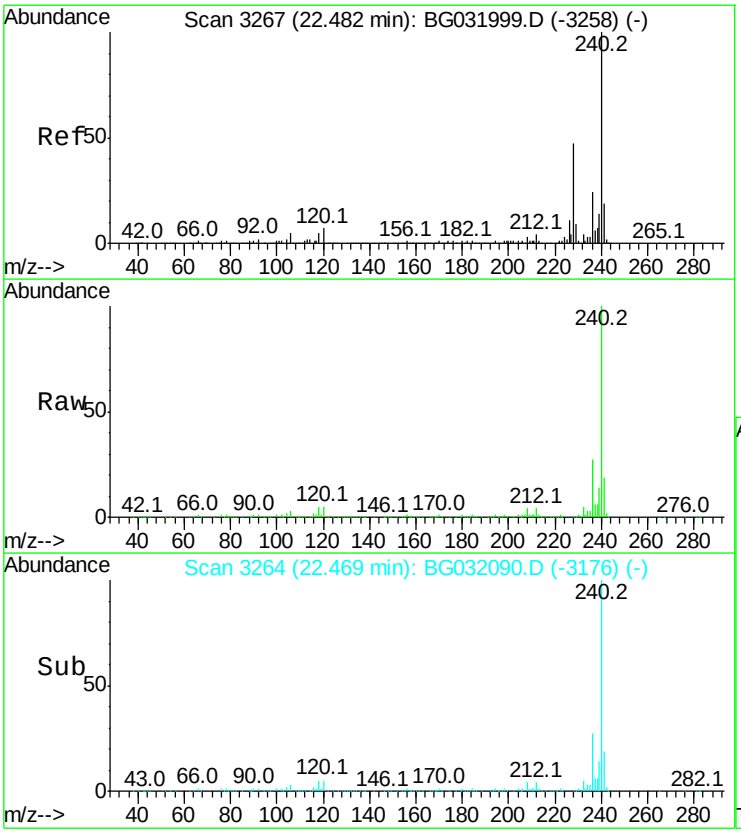
#66
4-Bromophenyl-phenylether
Concen: 5.981 ng
RT: 16.88 min Scan# 2312
Delta R.T. -0.44 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 30397

Ion	Ratio	Lower	Upper
248	100		
250	202.1	77.1	115.7#
141	322.9	50.8	76.2#

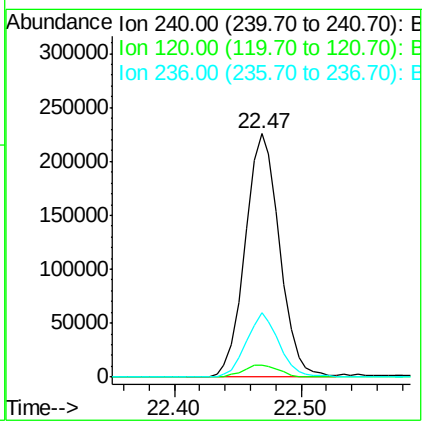


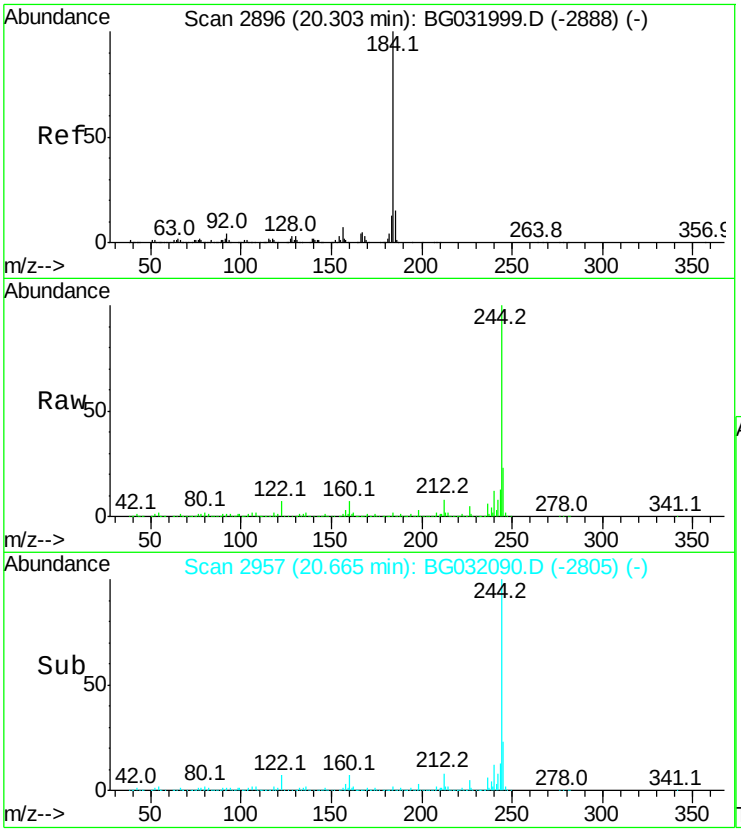


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3264
Delta R.T. -0.01 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Tgt Ion:240 Resp: 425925

Ion	Ratio	Lower	Upper
240	100		
120	5.1	6.8	10.2#
236	26.6	20.9	31.3



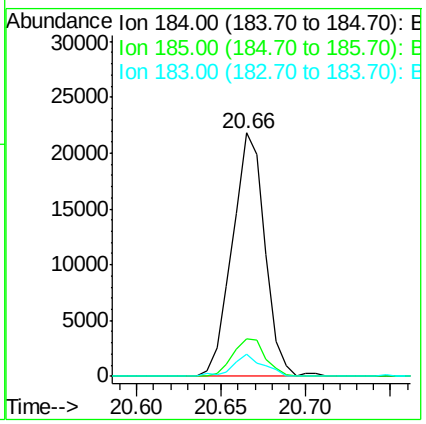


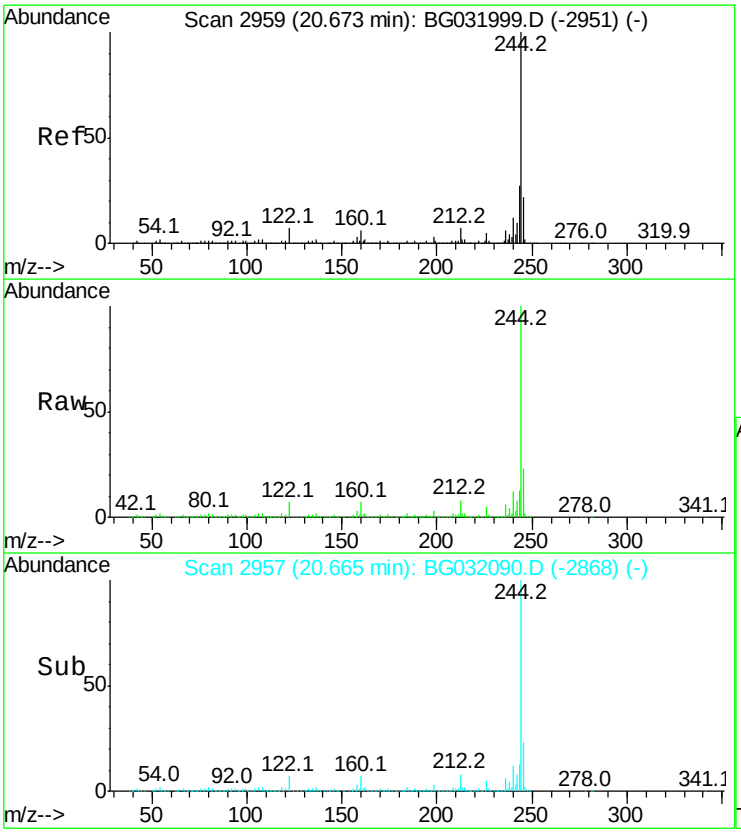
#76
Benzidine
Concen: 2.747 ng
RT: 20.66 min Scan# 2957
Delta R.T. 0.36 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 29257

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.1	16.7
183	9.3	10.6	16.0#

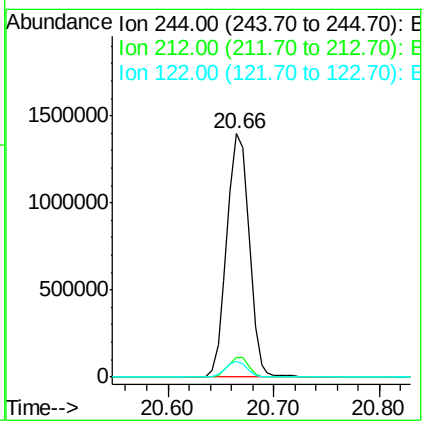


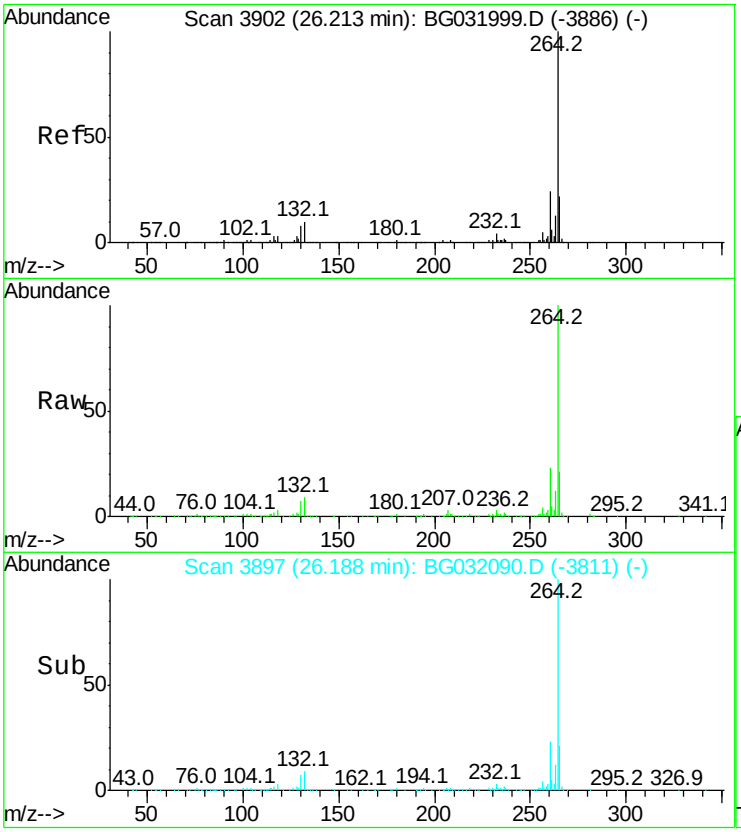


#78
Terphenyl-d14
Concen: 106.143 ng
RT: 20.66 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Tgt Ion:244 Resp: 2047468

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	6.7	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.19 min Scan# 3897
Delta R.T. -0.03 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 442892

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.2	17.7	26.5