Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
Data File : BG032672.D
Acq On : 13 Feb 2018 22:21
Operator : SJ/JU
Sample : PB106453TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 14 03:09:38 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	8.67	152	33809	20.00	ng	0.00
21) Naphthalene-d8	11.54	136	126789	20.00	ng	0.00
38) Acenaphthene-d10	15.30	164	96650	20.00	ng	0.00
63) Phenanthrene-d10	18.05	188	266423	20.00	ng	0.00
75) Chrysene-d12	22.37	240	343996	20.00	ng	0.00
86) Perylene-d12	26.01	264	348364	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	235013	139.47	ng	0.00
7) Phenol-d6	7.79	99	281240	122.06	ng	0.00
23) Nitrobenzene-d5	9.87	82	172521	86.48	ng	0.00
41) 2,4,6-Tribromophenol	16.79	330	111528	74.94	ng	0.00
44) 2-Fluorobiphenyl	13.93	172	628845	81.36	ng	0.00
78) Terphenyl-d14	20.59	244	1303202	86.35	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.87	70	25254	16.30	ng	# 77
32) Benzoic acid	10.80	122	54	4.43	ng	# 1
50) 2,6-Dinitrotoluene	15.30	165	11727	6.82	ng	# 18
56) 2,4-Dinitrotoluene	15.30	165	11726	4.95	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.38	198	73	5.06	ng	# 29
66) 4-Bromophenyl-phenylether	16.78	248	10014	2.63	ng	# 1
76) Benzidine	20.59	184	19367	2.39	ng	# 87

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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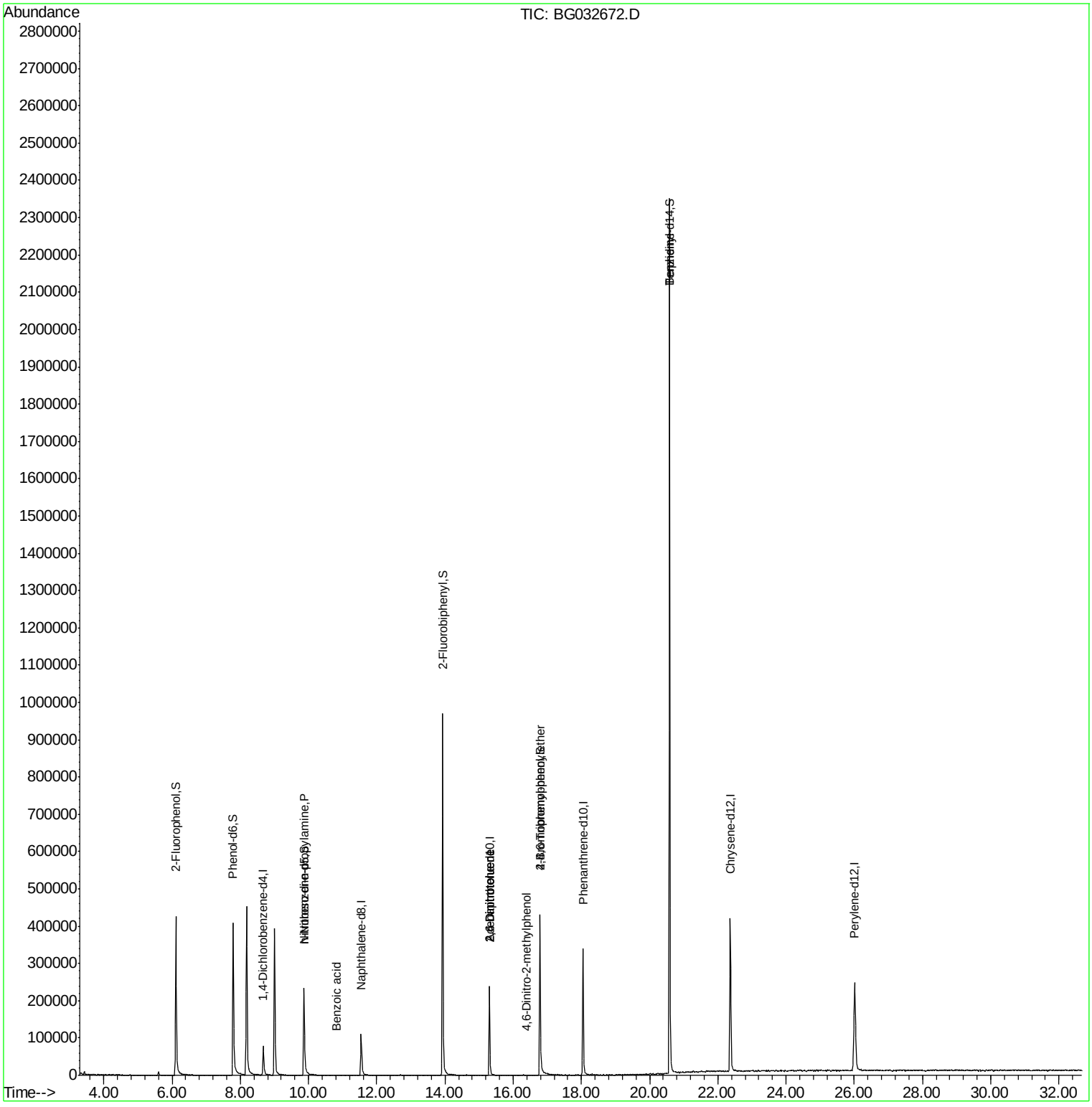
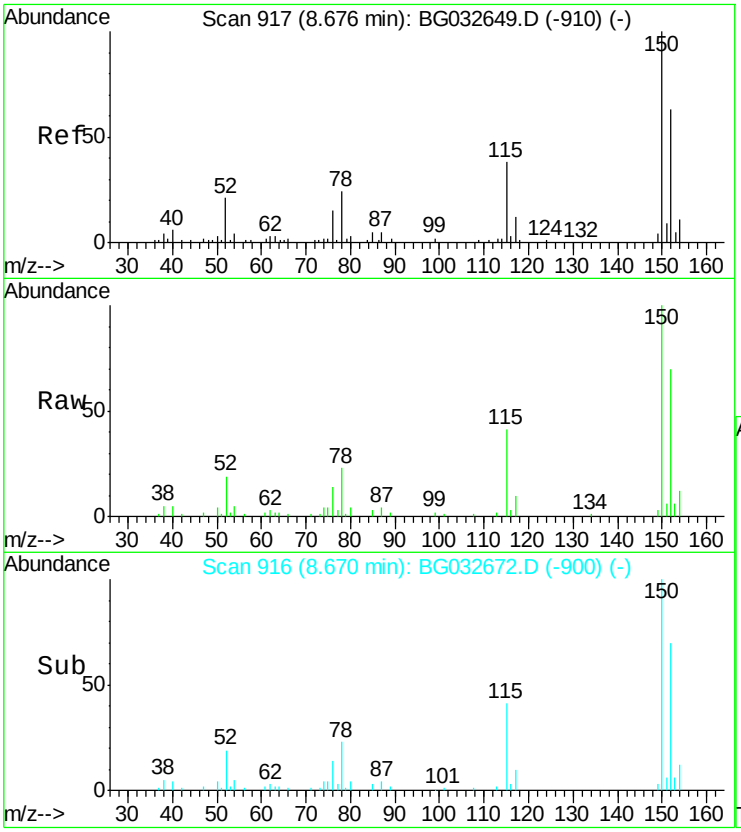
Response via : Initial Calibration



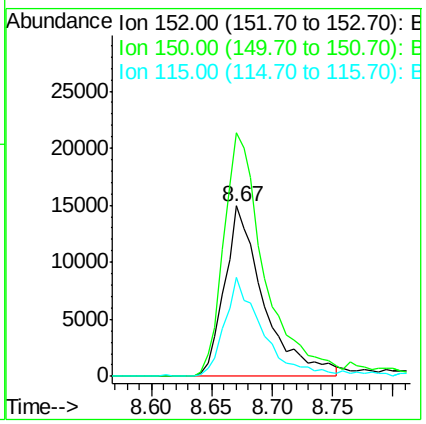


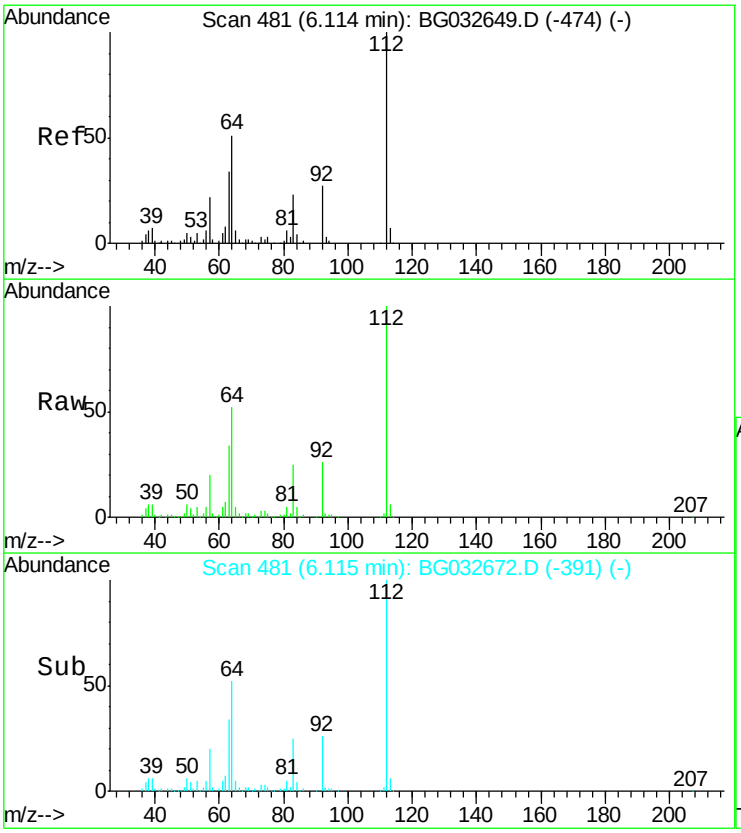
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 33809

Ion	Ratio	Lower	Upper
152	100		
150	143.1	126.6	189.8
115	58.5	53.0	79.4

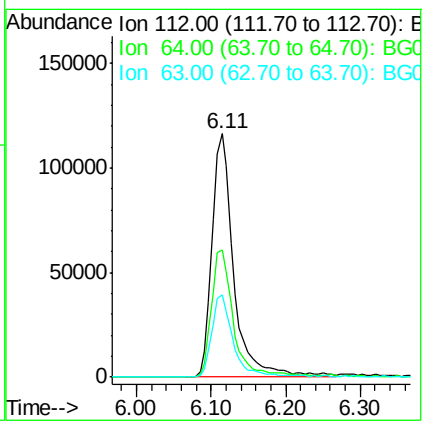


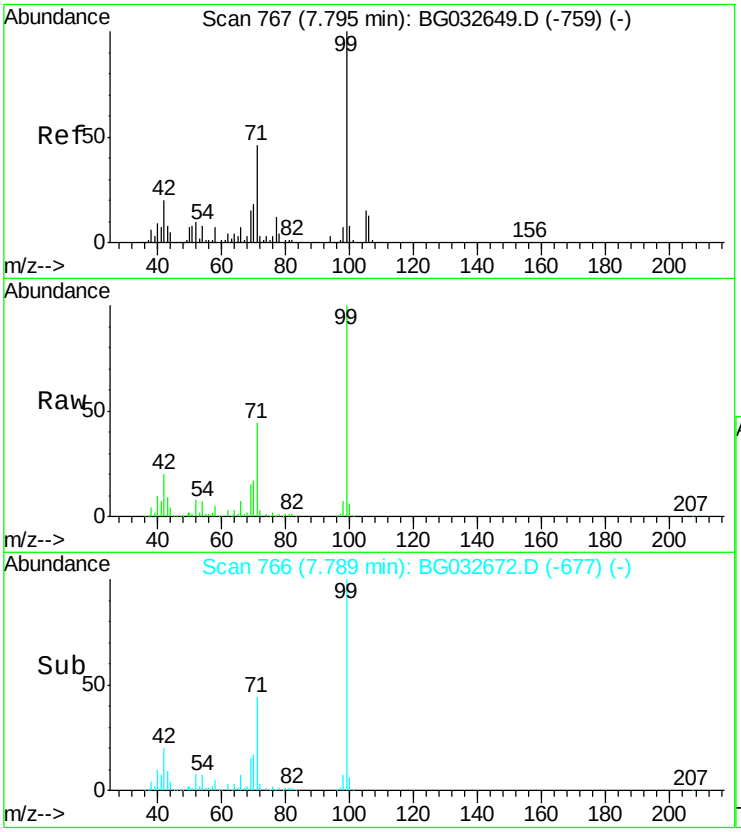


#5
2-Fluorophenol
Concen: 139.47 ng
RT: 6.11 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Tgt Ion:112 Resp: 235013

Ion	Ratio	Lower	Upper
112	100		
64	52.0	56.3	84.5#
63	33.8	30.1	45.1



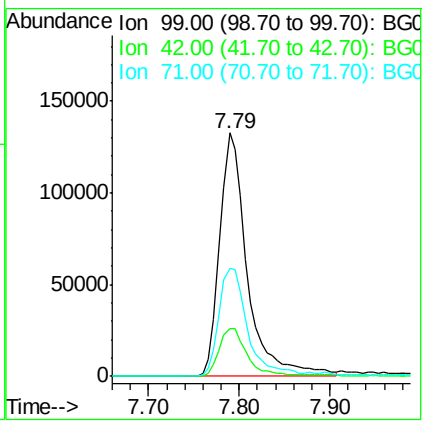


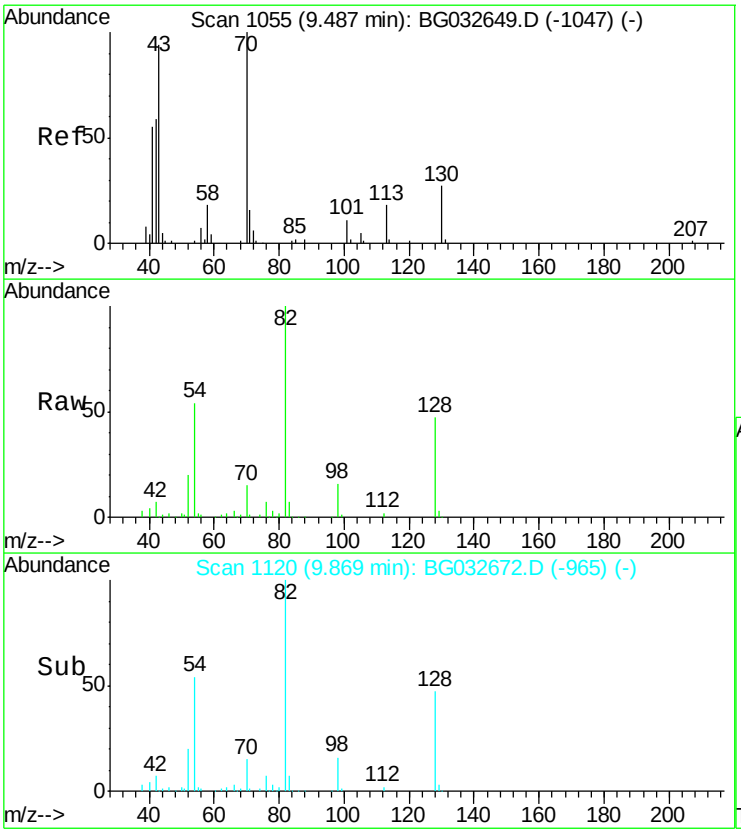
#7
Phenol-d6
Concen: 122.06 ng
RT: 7.79 min Scan# 766
Delta R.T. -0.01 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 281240

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.1	21.1
71	44.3	26.1	39.1#

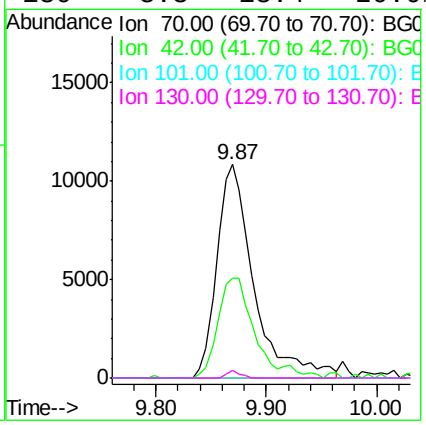


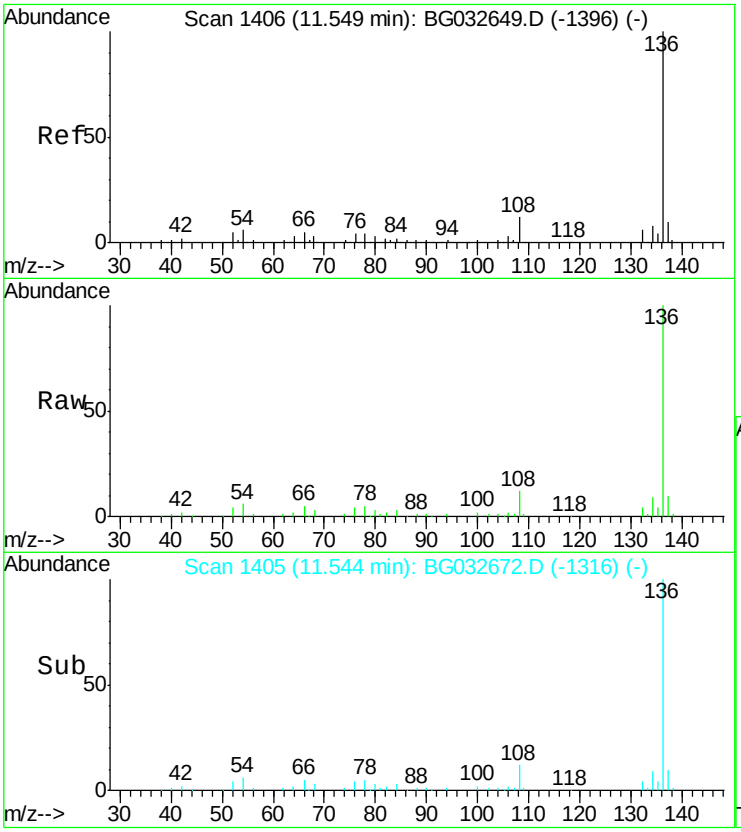


#19
n-Nitroso-di-n-propylamine
Concen: 16.30 ng
RT: 9.87 min Scan# 1120
Delta R.T. 0.38 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Tgt Ion: 70 Resp: 25254

Ion	Ratio	Lower	Upper
70	100		
42	46.6	49.1	73.7#
101	0.0	8.5	12.7#
130	3.3	13.4	20.0#



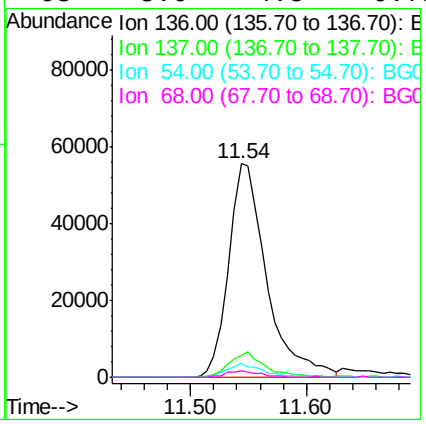


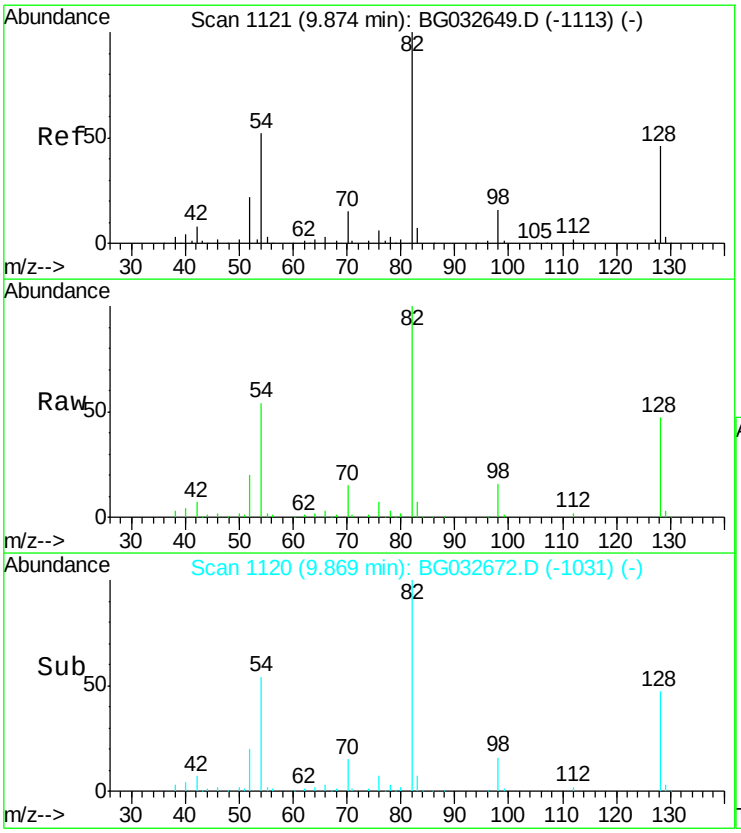
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.54 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 126789

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	6.4	10.3	15.5#
68	3.0	4.5	6.7#

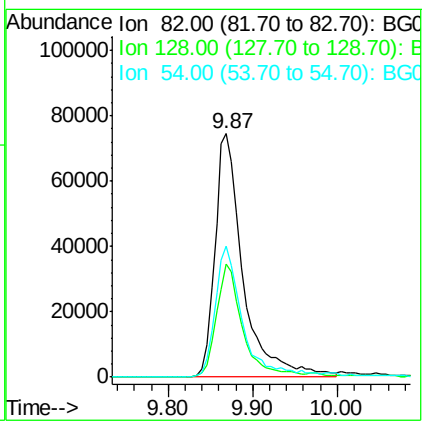


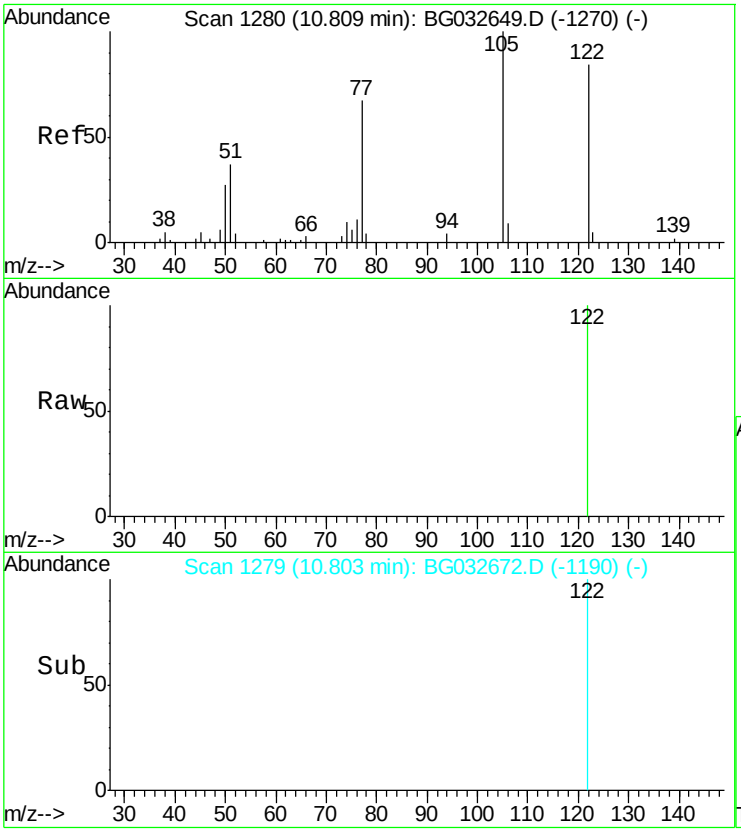


#23
Nitrobenzene-d5
Concen: 86.48 ng
RT: 9.87 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Tgt Ion: 82 Resp: 172521

Ion	Ratio	Lower	Upper
82	100		
128	46.5	29.7	44.5#
54	53.6	43.1	64.7



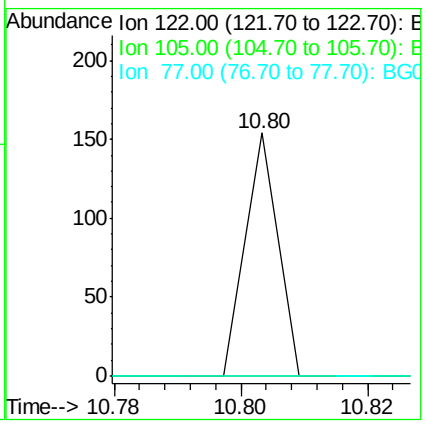


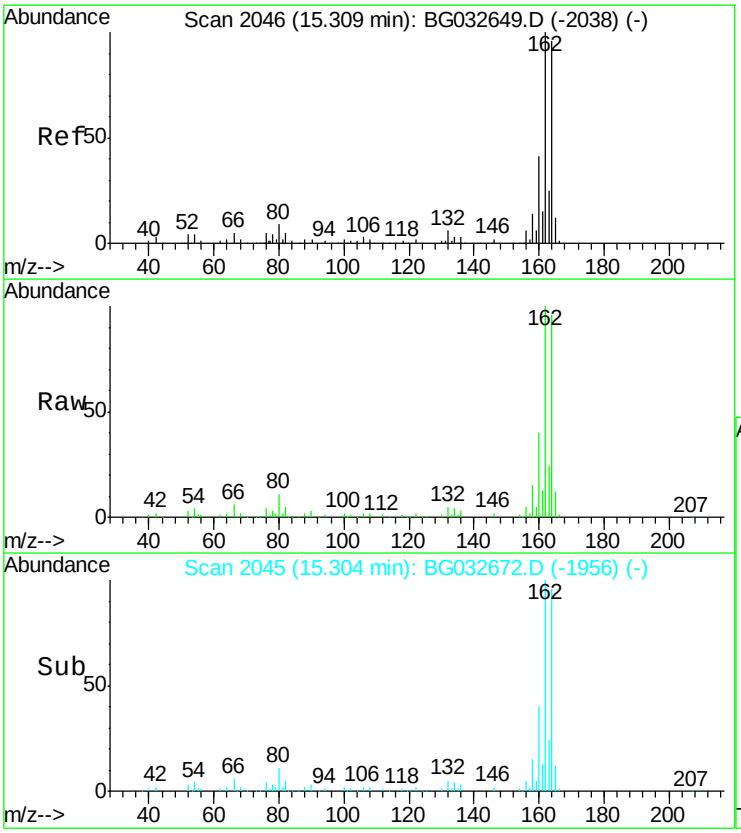
#32
Benzoic acid
Concen: 4.43 ng
RT: 10.80 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 54

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

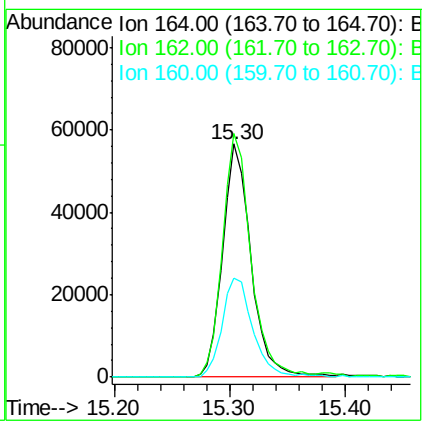


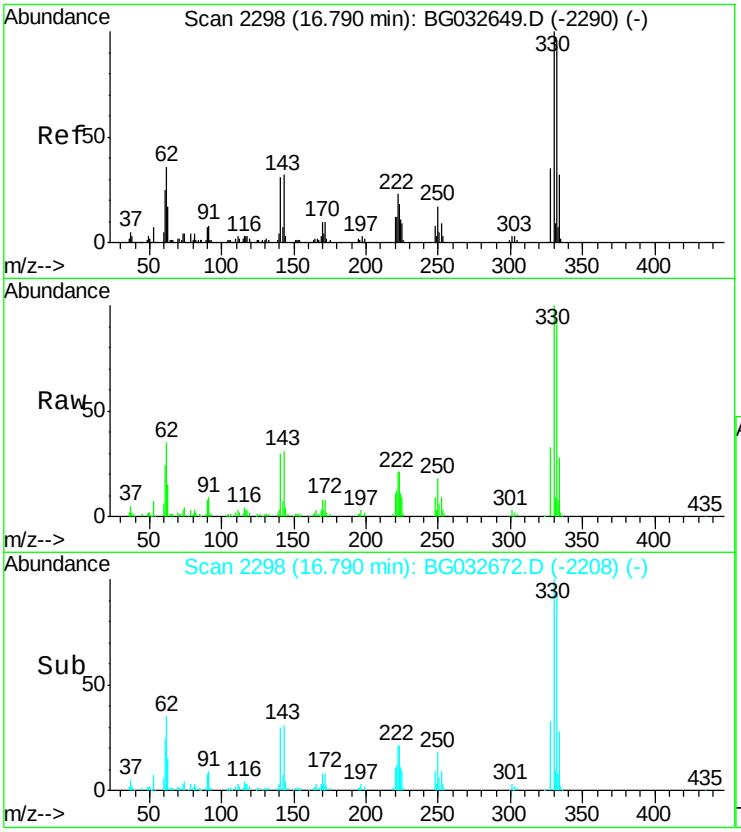


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.30 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Tgt Ion:164 Resp: 96650

Ion	Ratio	Lower	Upper
164	100		
162	104.5	78.8	118.2
160	42.2	35.4	53.0



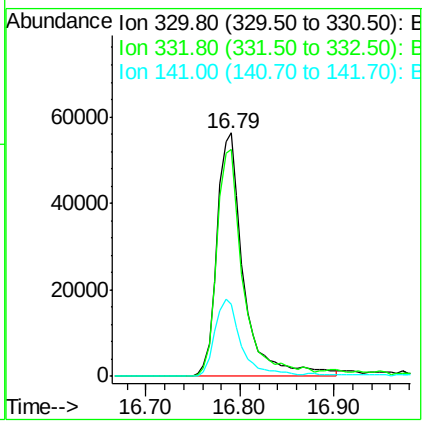


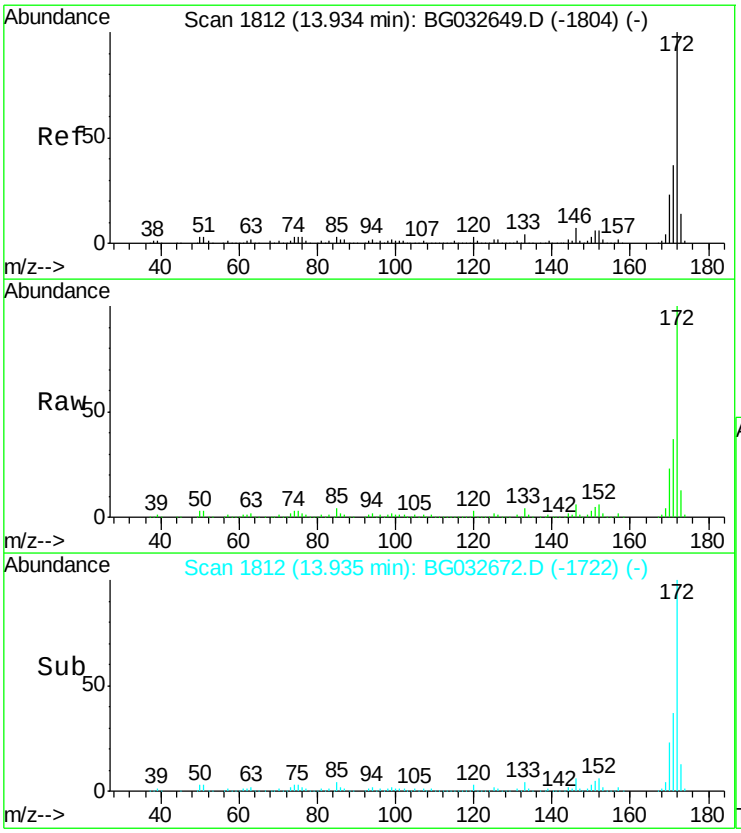
#41
2,4,6-Tribromophenol
Concen: 74.94 ng
RT: 16.79 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 111528

Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.0	115.6
141	31.7	25.2	37.8

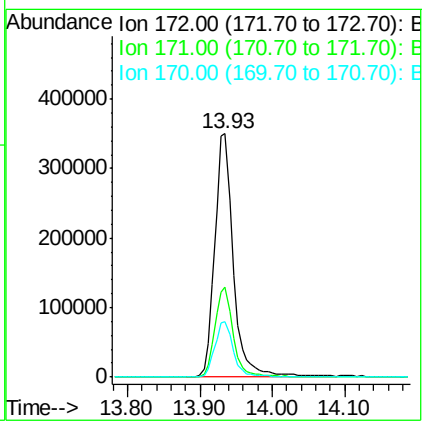


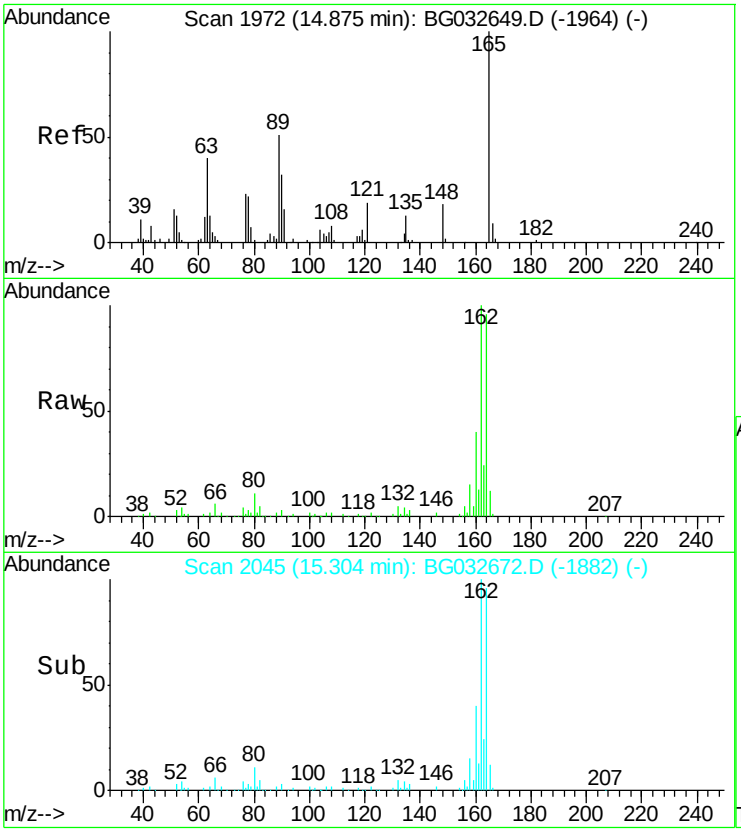


#44
2-Fluorobiphenyl
Concen: 81.36 ng
RT: 13.93 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Tgt Ion:172 Resp: 628845

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	22.9	19.5	29.3



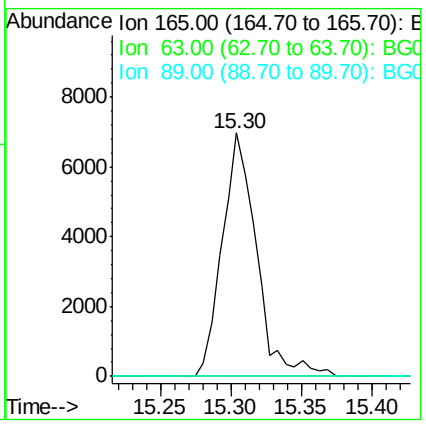


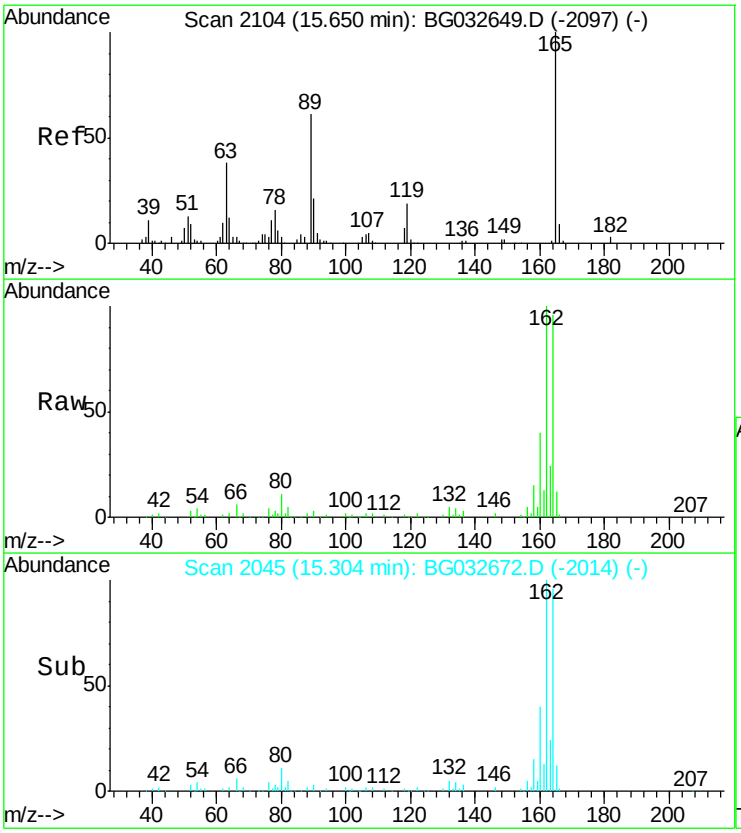
#50
2,6-Dinitrotoluene
Concen: 6.82 ng
RT: 15.30 min Scan# 2045
Delta R.T. 0.43 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 11727

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

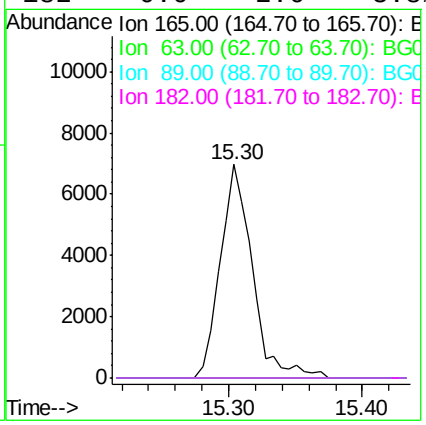


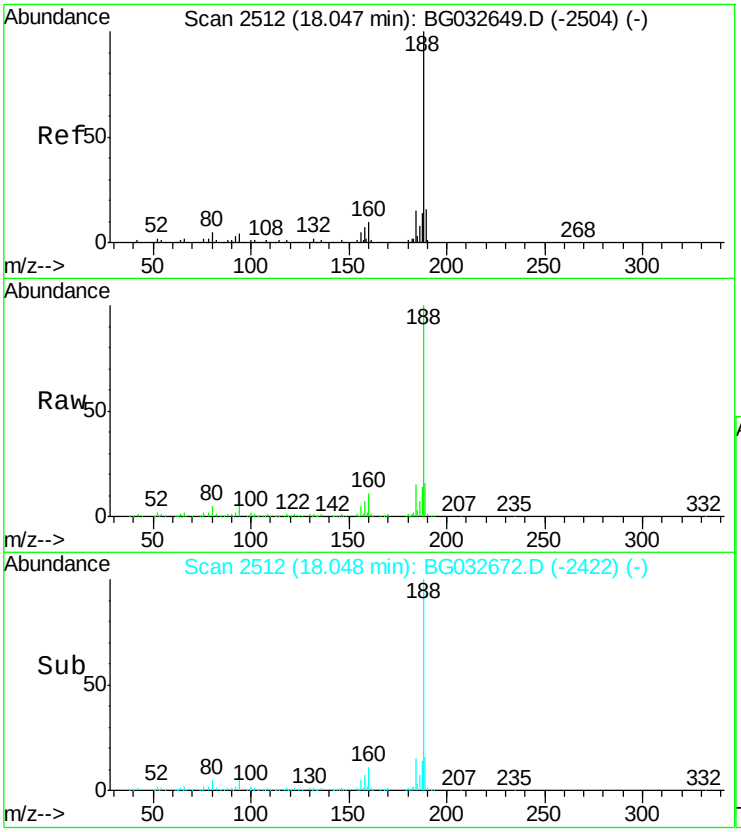


#56
2,4-Dinitrotoluene
Concen: 4.95 ng
RT: 15.30 min Scan# 2045
Delta R.T. -0.35 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Tgt Ion:165 Resp: 11726

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#



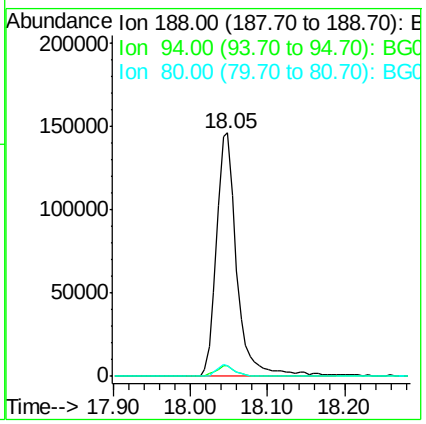


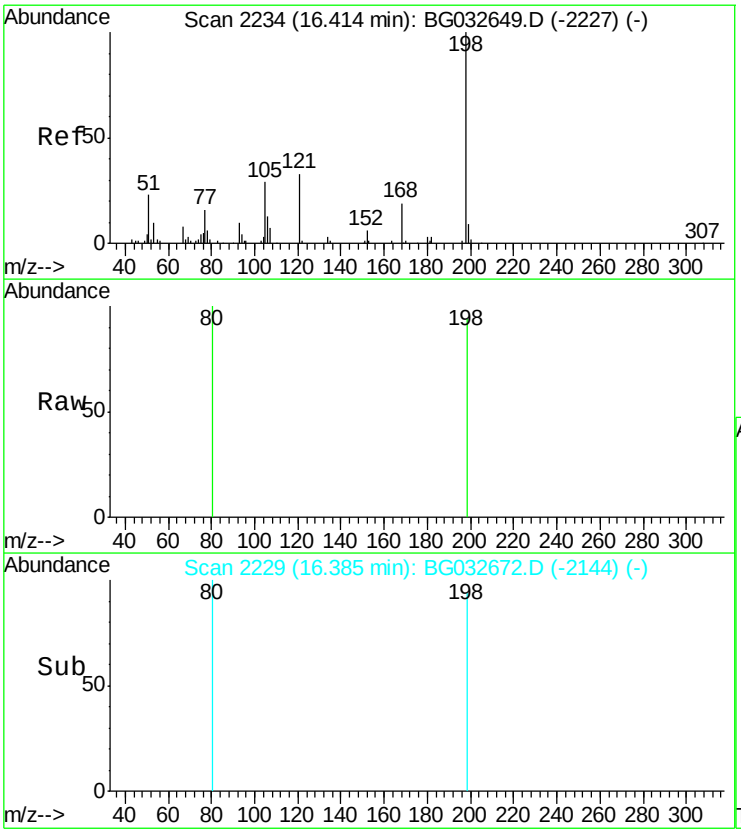
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.05 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 266423

Ion	Ratio	Lower	Upper
188	100		
94	4.5	6.9	10.3#
80	4.5	7.7	11.5#

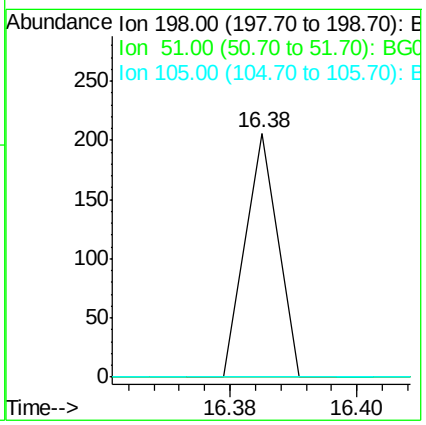


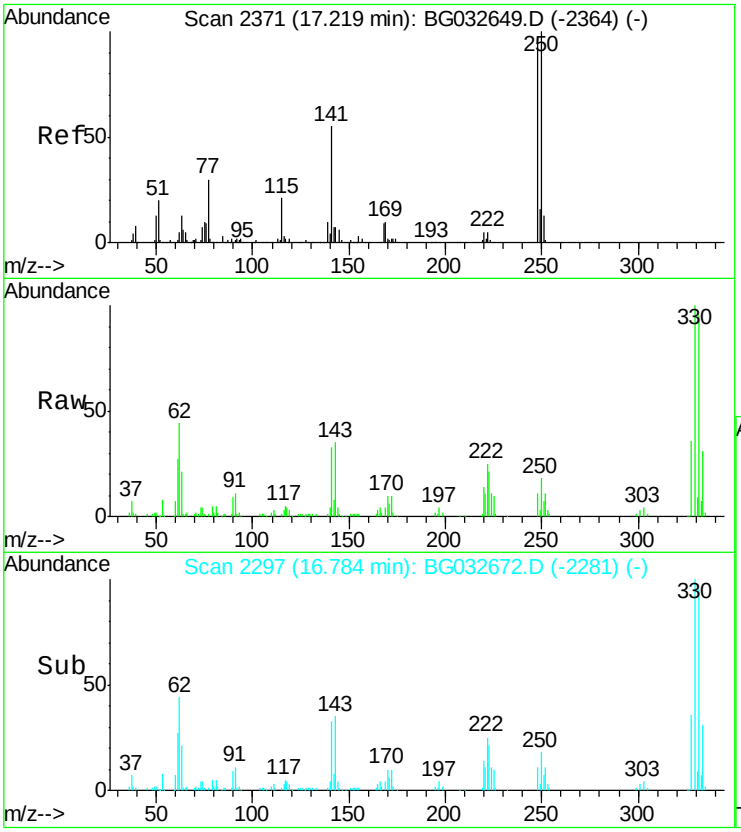


#64
4,6-Dinitro-2-methylphenol
Concen: 5.06 ng
RT: 16.38 min Scan# 2229
Delta R.T. -0.03 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Tgt Ion:198 Resp: 73

Ion	Ratio	Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	0.0	23.8	63.8#



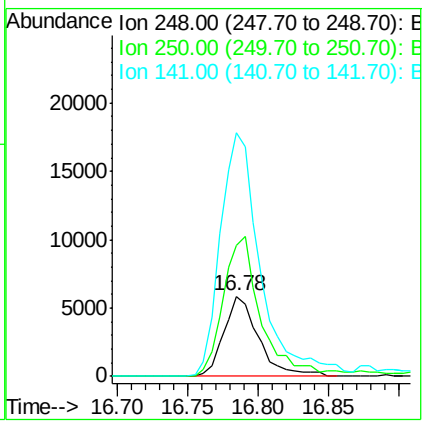


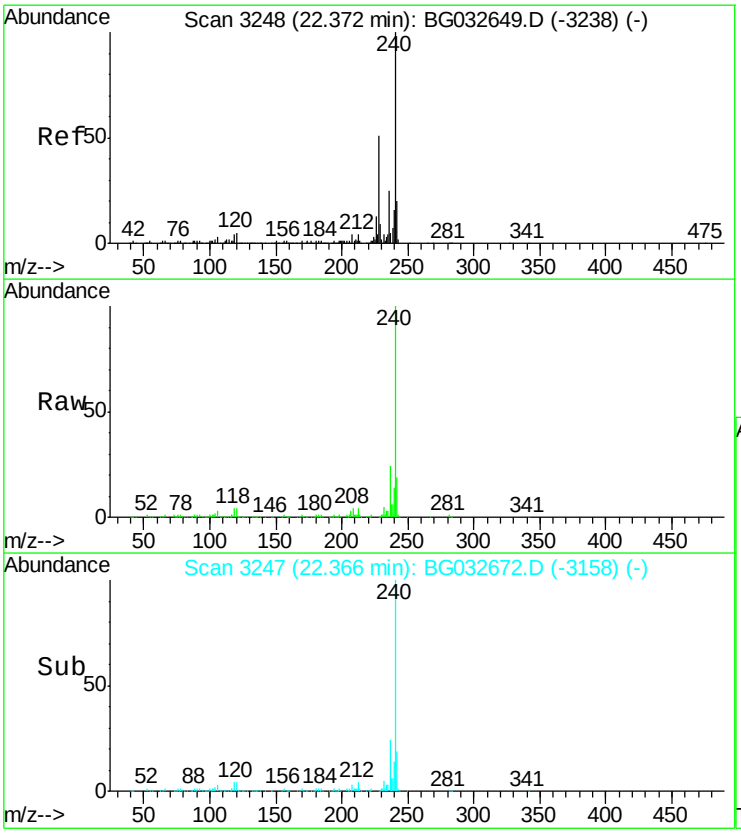
#66
4-Bromophenyl-phenylether
Concen: 2.63 ng
RT: 16.78 min Scan# 2297
Delta R.T. -0.43 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10014

Ion	Ratio	Lower	Upper
248	100		
250	164.8	77.1	115.7#
141	305.3	50.8	76.2#

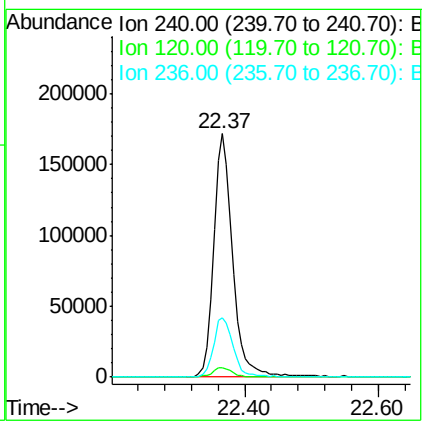


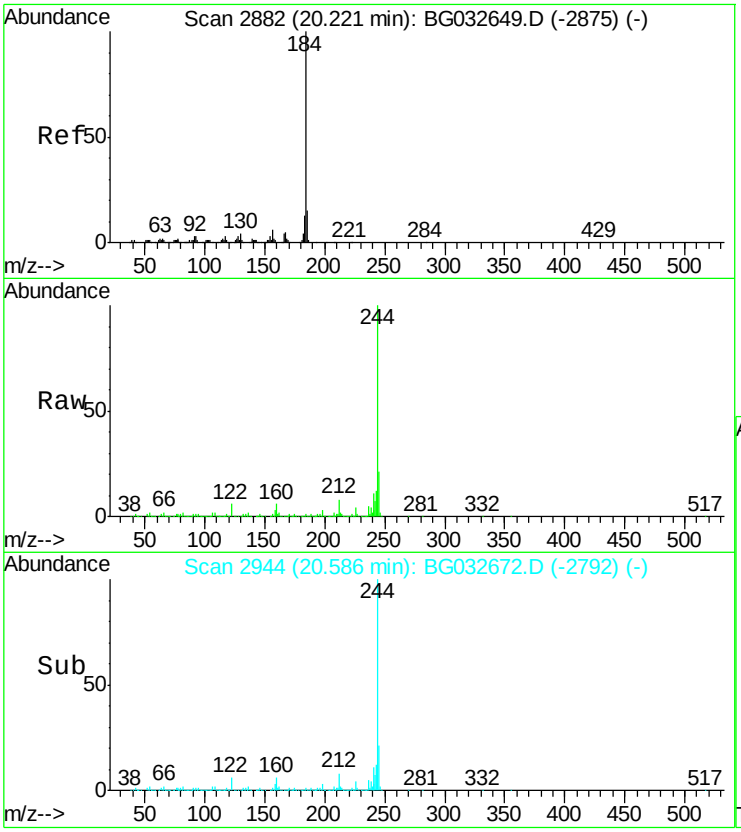


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.37 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Tgt Ion:240 Resp: 343996

Ion	Ratio	Lower	Upper
240	100		
120	3.7	6.8	10.2#
236	24.2	20.9	31.3



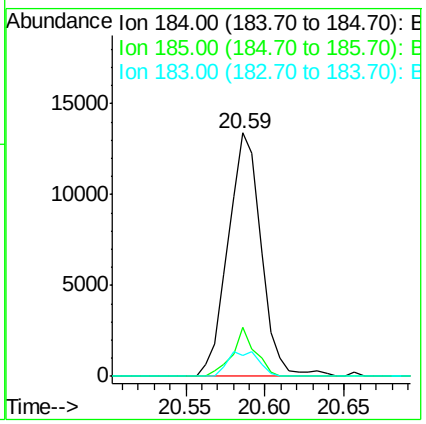


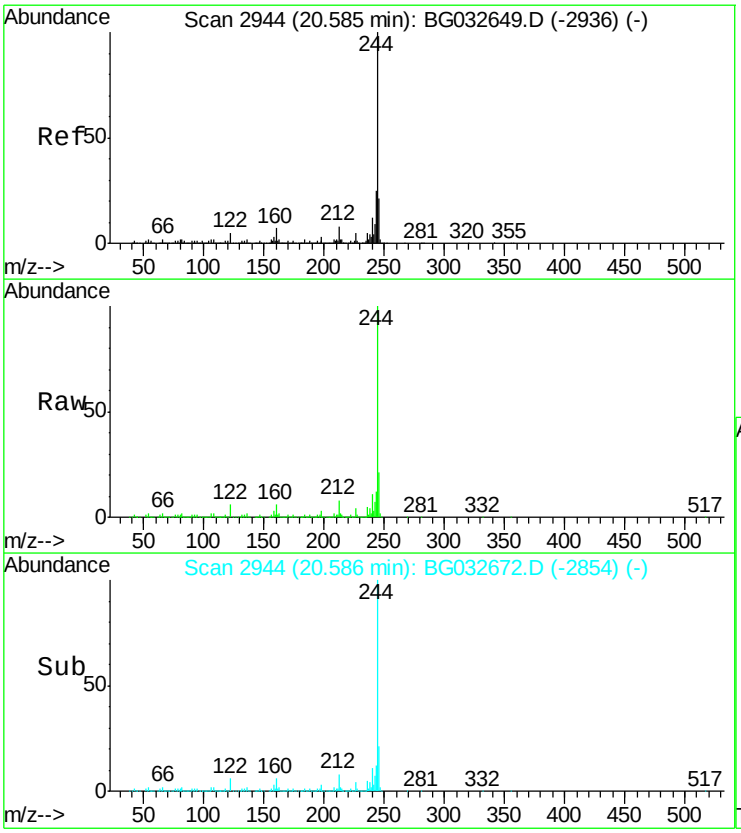
#76
Benzidine
Concen: 2.39 ng
RT: 20.59 min Scan# 2944
Delta R.T. 0.36 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 19367

Ion	Ratio	Lower	Upper
184	100		
185	20.2	11.1	16.7#
183	8.8	10.6	16.0#

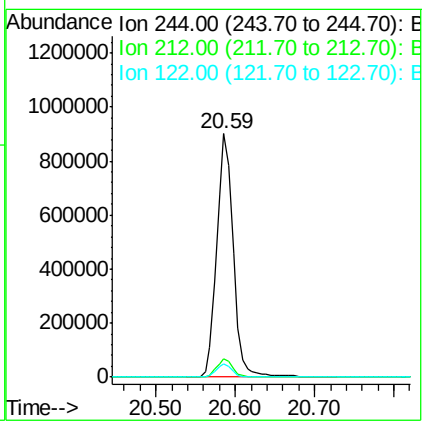


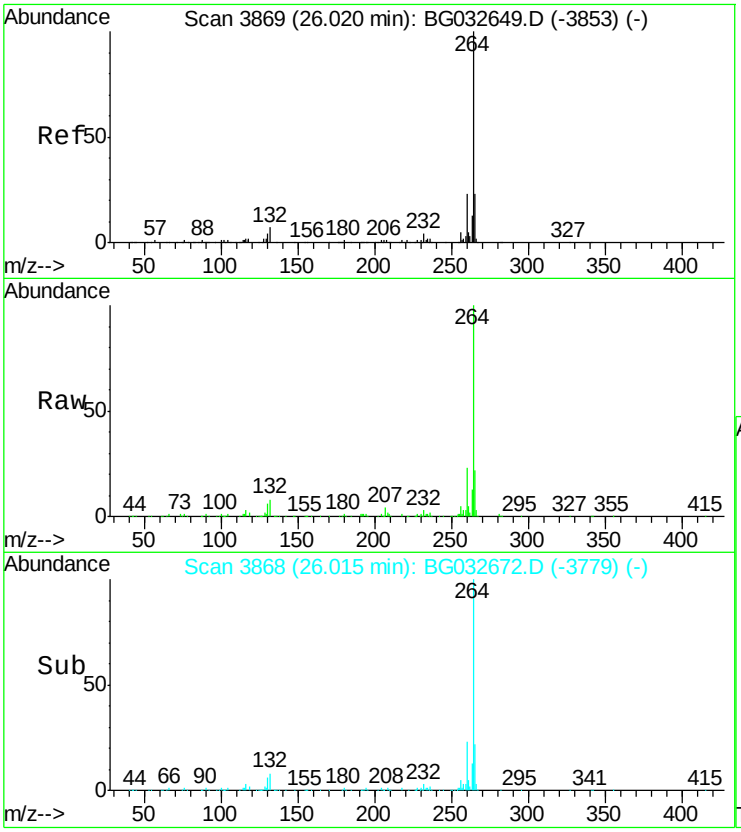


#78
Terphenyl-d14
Concen: 86.35 ng
RT: 20.59 min Scan# 2944
Delta R.T. 0.00 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Tgt Ion:244 Resp: 1303202

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	5.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 26.01 min Scan# 3868
Delta R.T. -0.01 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 348364

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.7	17.7	26.5