Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042618\
Data File : BG034018.D
Acq On : 26 Apr 2018 19:30
Operator : SJ/JU
Sample : J2531-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 042318-DBRI-E-D-S

Quant Time: Apr 27 01:35:23 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	59359	20.00	ng	-0.02
21) Naphthalene-d8	10.60	136	270534	20.00	ng	-0.03
38) Acenaphthene-d10	14.45	164	201892	20.00	ng	-0.03
63) Phenanthrene-d10	17.20	188	586787	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	631784	20.00	ng	-0.03
86) Perylene-d12	24.52	264	616055	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	116637	31.37	ng	-0.01
7) Phenol-d6	7.01	99	85342	15.74	ng	0.00
23) Nitrobenzene-d5	8.97	82	433326	91.15	ng	-0.02
41) 2,4,6-Tribromophenol	15.95	330	274861	116.69	ng	-0.02
44) 2-Fluorobiphenyl	13.07	172	1302707	94.79	ng	-0.03
78) Terphenyl-d14	19.84	244	2443539	86.89	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.99	77	57	Below Cal	#	5
19) n-Nitroso-di-n-propylamine	8.97	70	54112	11.706	ng	# 77
49) Dimethylphthalate	13.91	163	61934	3.487	ng	# 96
50) 2,6-Dinitrotoluene	14.45	165	26276	7.807	ng	# 21
56) 2,4-Dinitrotoluene	14.45	165	26276	5.871	ng	# 19
64) 4,6-Dinitro-2-methylphenol	15.95	198	2771	7.337	ng	# 67
76) Benzidine	19.84	184	39298	2.303	ng	# 89

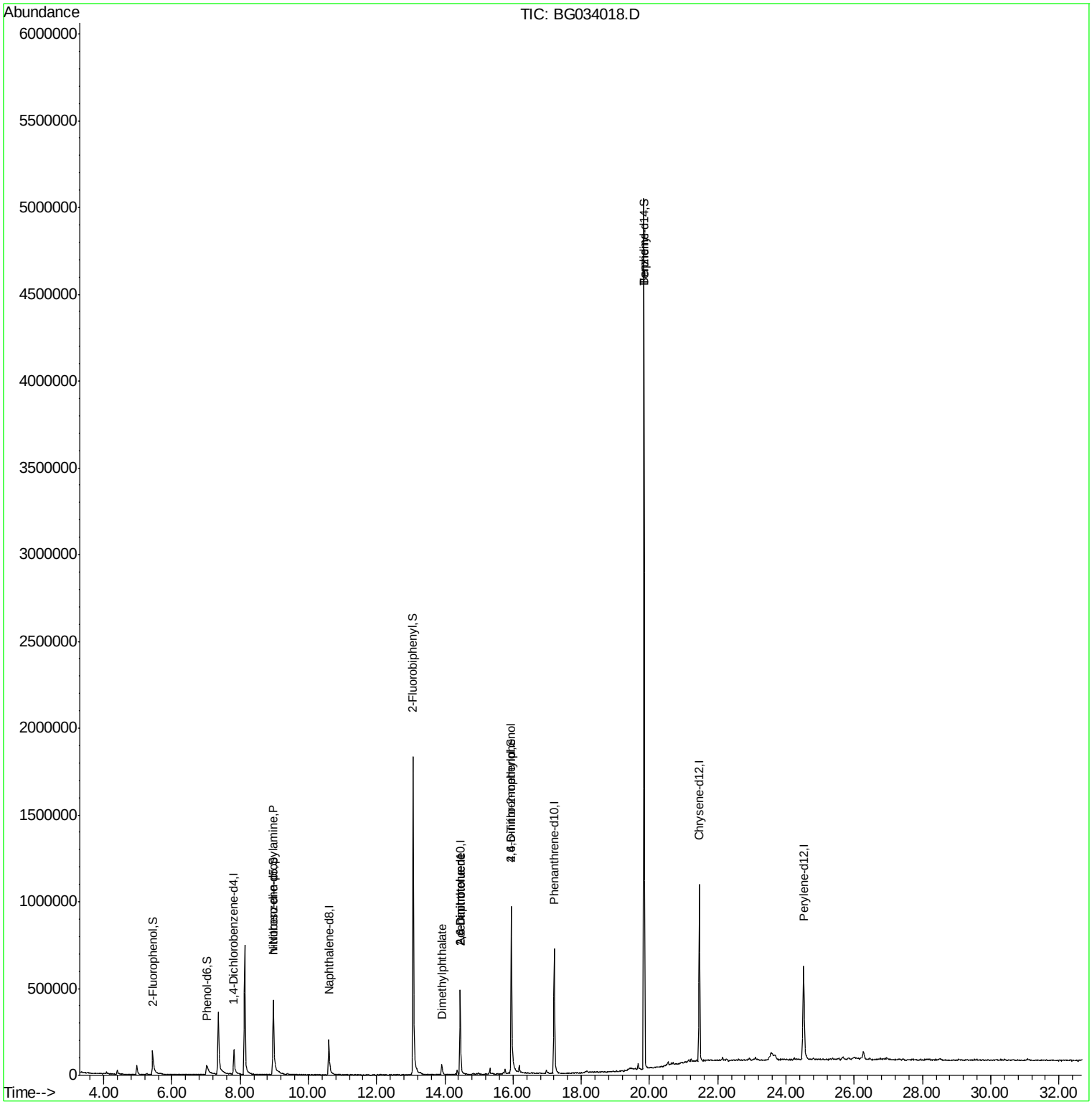
(#) = qualifier out of range (m) = manual integration (+) = signals summed

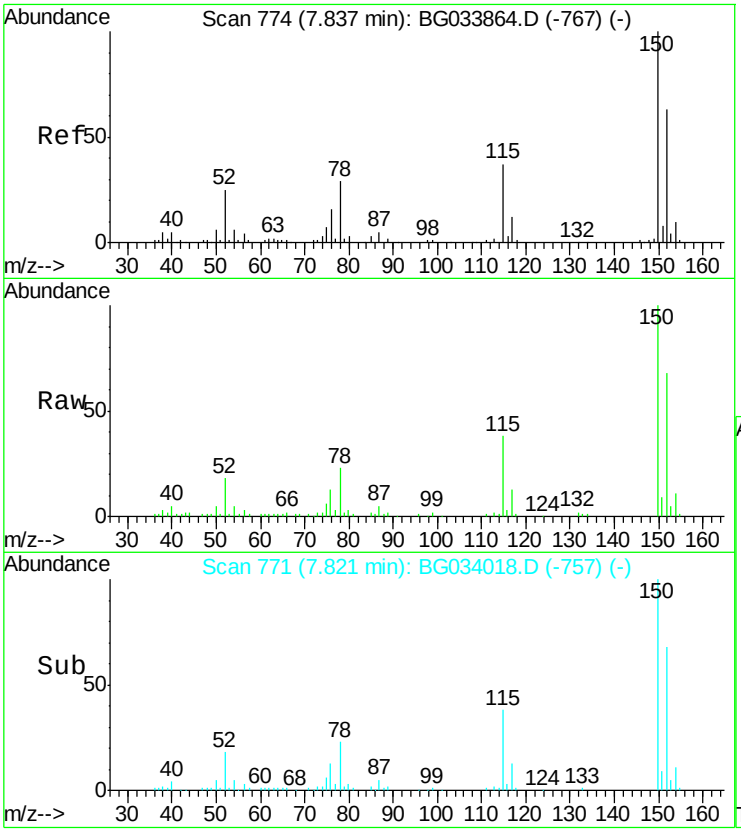
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042618\
Data File : BG034018.D
Acq On : 26 Apr 2018 19:30
Operator : SJ/JU
Sample : J2531-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
042318-DBRI-E-D-S

Quant Time: Apr 27 01:35:23 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration



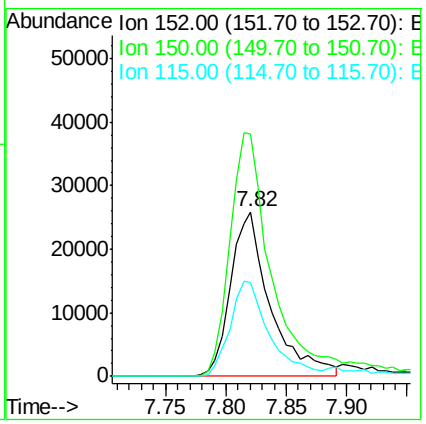


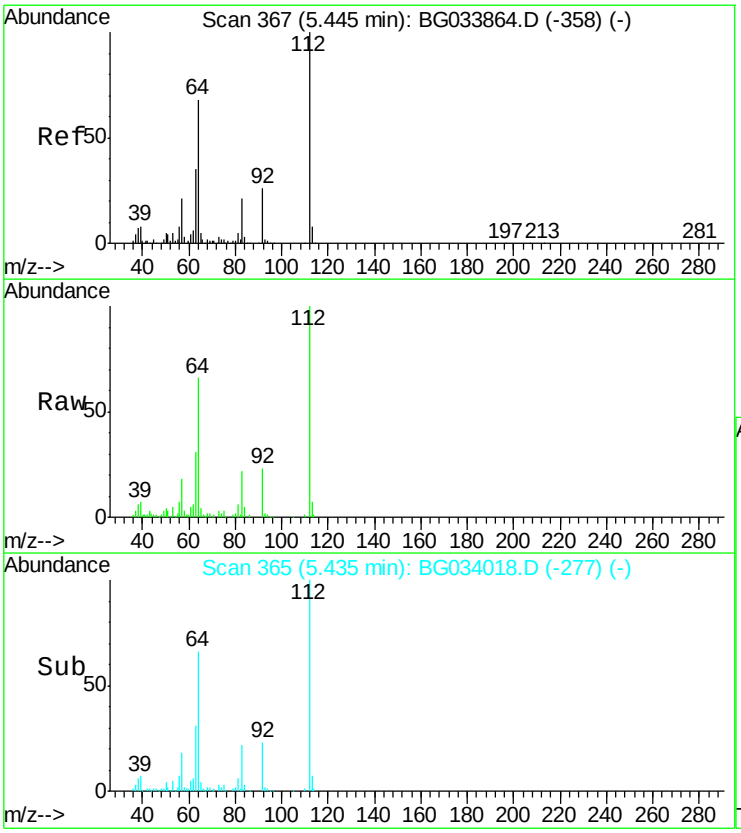
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 771
Delta R.T. -0.02 min
Lab File: BG034018.D
Acq: 26 Apr 2018 19:30

Instrument :
BNA_G
ClientSampleId :
042318-DBRI-E-D-S

Tgt Ion:152 Resp: 59359

Ion	Ratio	Lower	Upper
152	100		
150	147.3	126.6	189.8
115	56.7	53.0	79.4

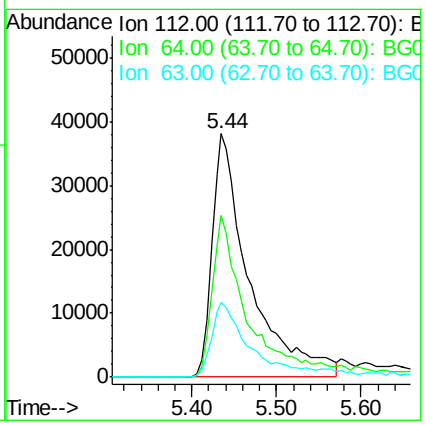


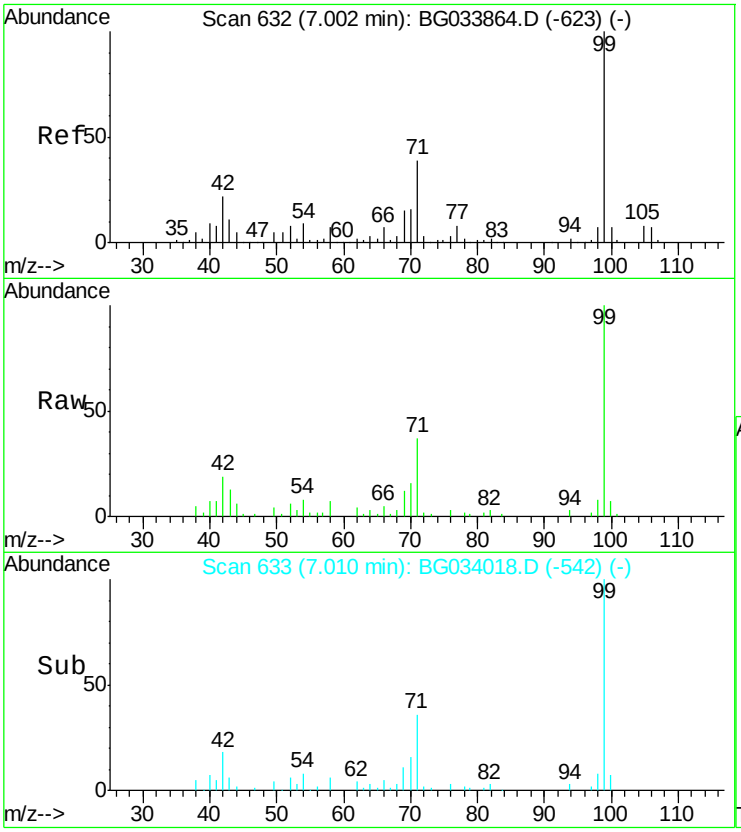


#5
2-Fluorophenol
Concen: 31.371 ng
RT: 5.44 min Scan# 365
Delta R.T. -0.01 min
Lab File: BG034018.D
Acq: 26 Apr 2018 19:30

Tgt Ion:112 Resp: 116637

Ion	Ratio	Lower	Upper
112	100		
64	66.2	56.3	84.5
63	30.5	30.1	45.1



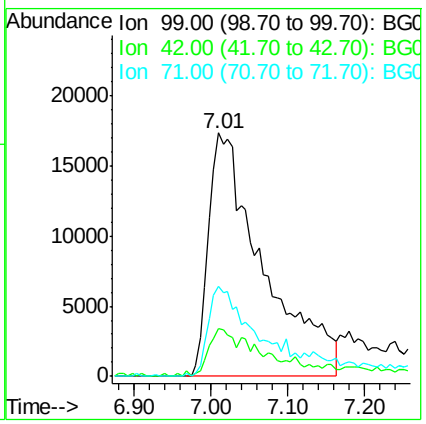


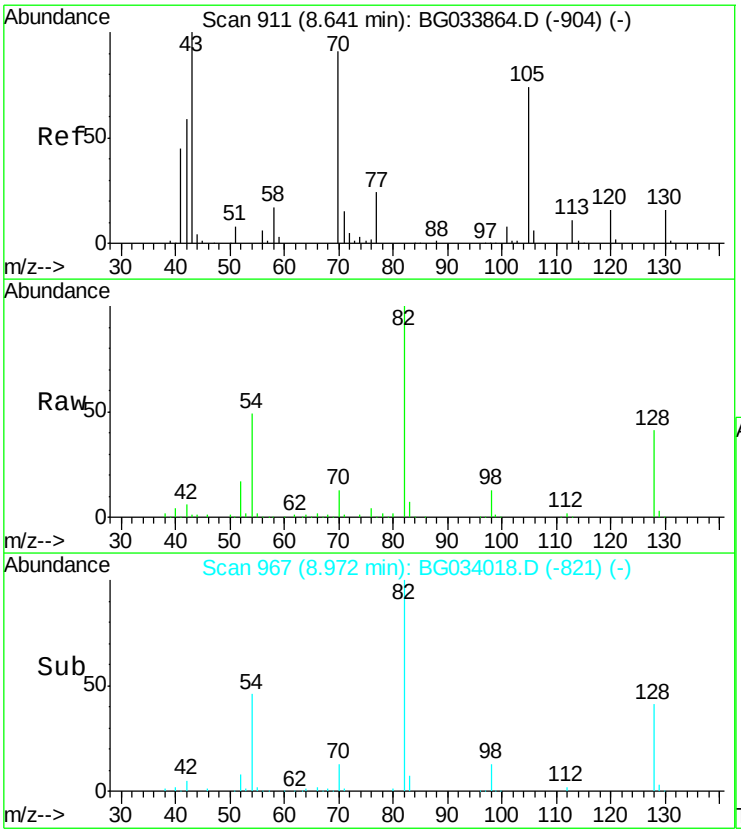
#7
Phenol-d6
Concen: 15.737 ng
RT: 7.01 min Scan# 633
Delta R.T. 0.01 min
Lab File: BG034018.D
Acq: 26 Apr 2018 19:30

Instrument :
BNA_G
ClientSampleId :
042318-DBRI-E-D-S

Tgt Ion: 99 Resp: 85342

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.1	21.1
71	37.1	26.1	39.1

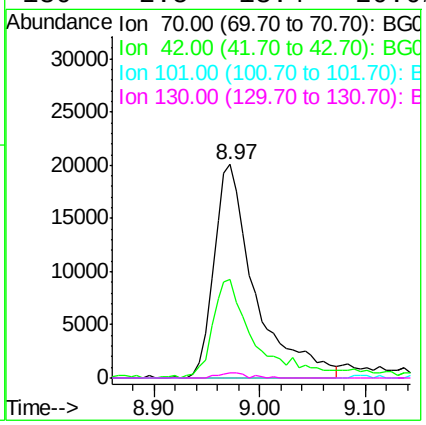


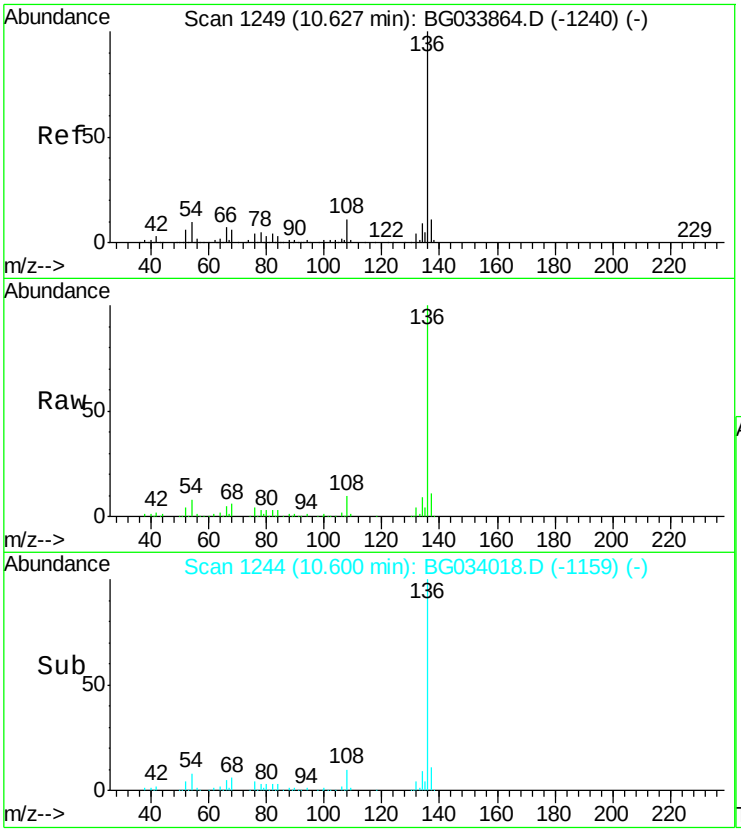


#19
n-Nitroso-di-n-propylamine
Concen: 11.706 ng
RT: 8.97 min Scan# 967
Delta R.T. 0.33 min
Lab File: BG034018.D
Acq: 26 Apr 2018 19:30

Tgt Ion: 70 Resp: 54112

Ion	Ratio	Lower	Upper
70	100		
42	46.4	49.1	73.7#
101	0.0	8.5	12.7#
130	2.5	13.4	20.0#



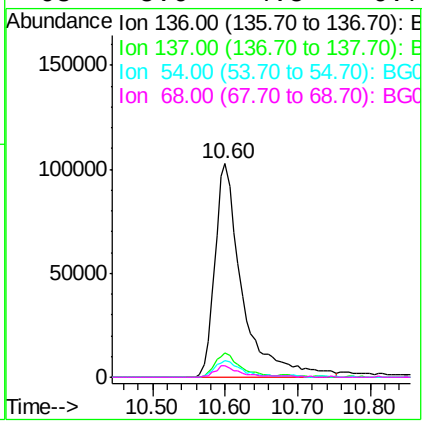


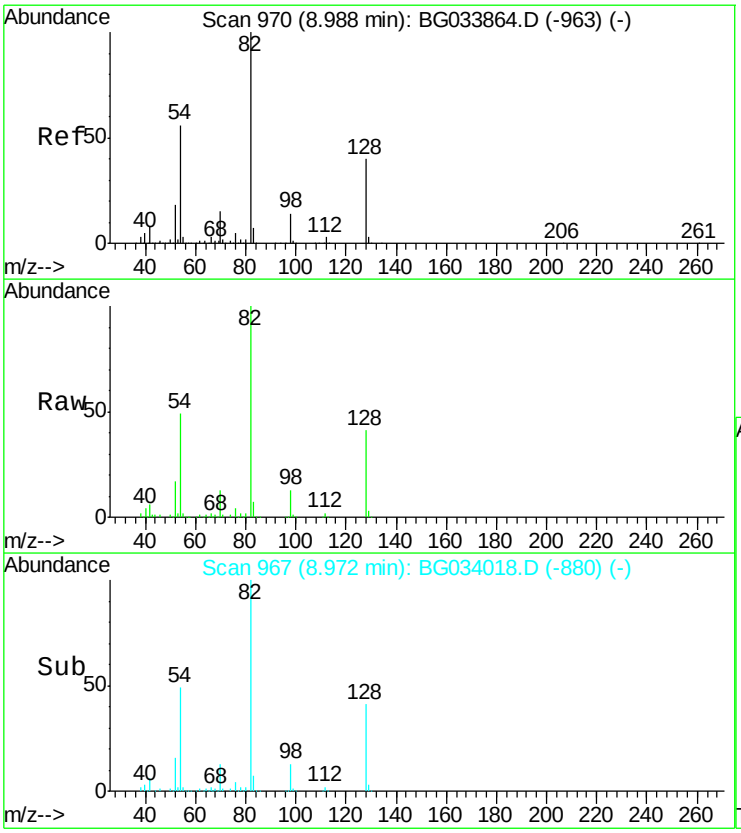
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BG034018.D
Acq: 26 Apr 2018 19:30

Instrument :
BNA_G
ClientSampleId :
042318-DBRI-E-D-S

Tgt Ion:136 Resp: 270534

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.6	10.3	15.5#
68	5.6	4.5	6.7

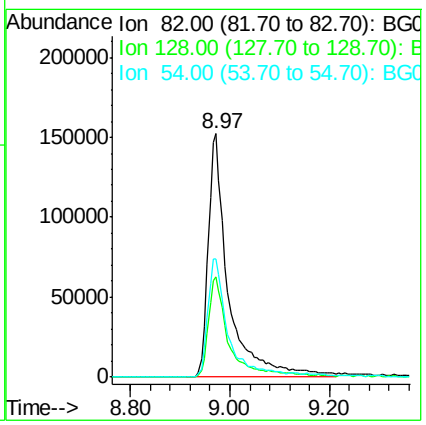


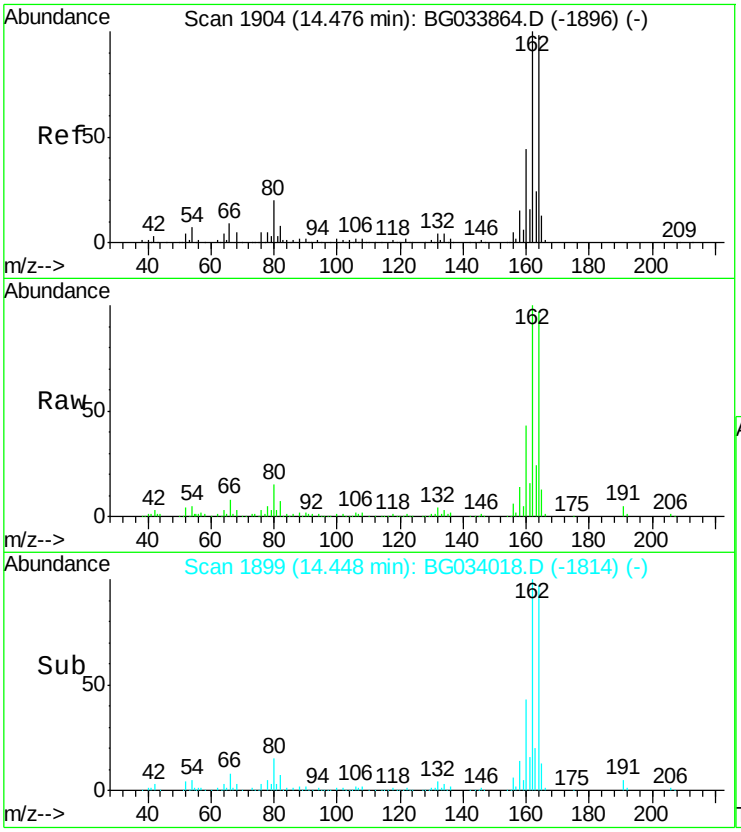


#23
Nitrobenzene-d5
Concen: 91.155 ng
RT: 8.97 min Scan# 967
Delta R.T. -0.02 min
Lab File: BG034018.D
Acq: 26 Apr 2018 19:30

Tgt Ion: 82 Resp: 433326

Ion	Ratio	Lower	Upper
82	100		
128	41.4	29.7	44.5
54	48.7	43.1	64.7



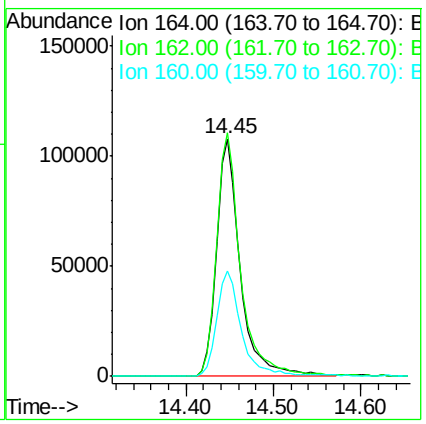


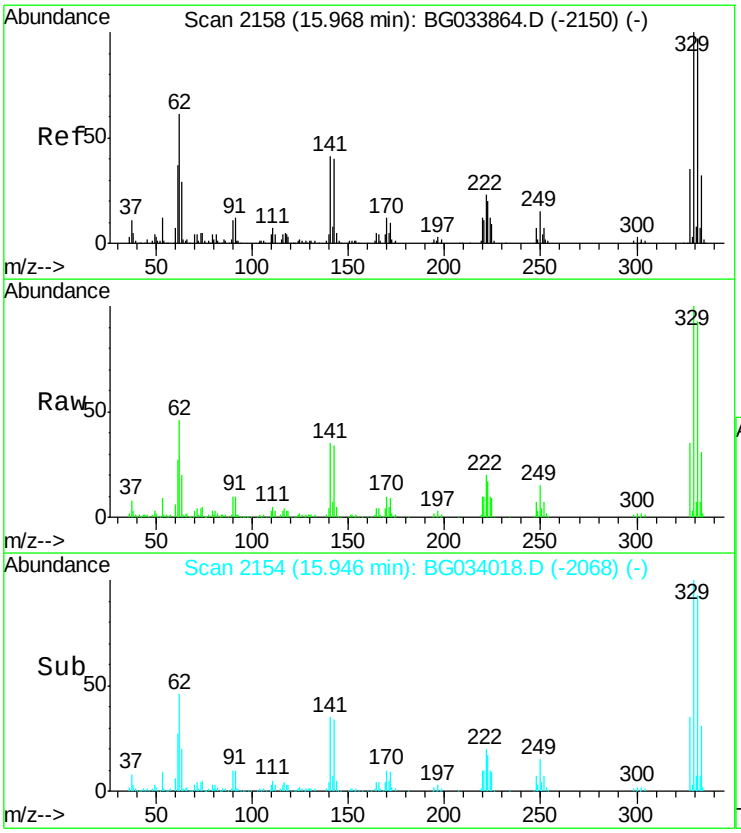
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.45 min Scan# 1899
Delta R.T. -0.03 min
Lab File: BG034018.D
Acq: 26 Apr 2018 19:30

Instrument :
BNA_G
ClientSampleId :
042318-DBRI-E-D-S

Tgt Ion:164 Resp: 201892

Ion	Ratio	Lower	Upper
164	100		
162	102.6	78.8	118.2
160	44.4	35.4	53.0

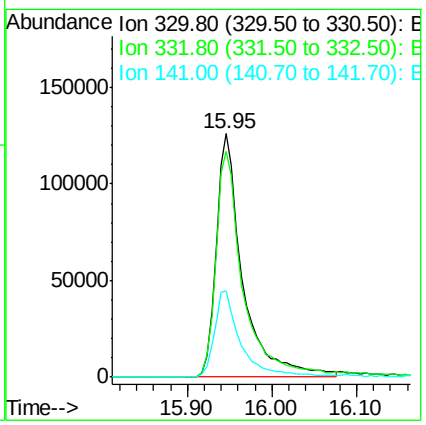


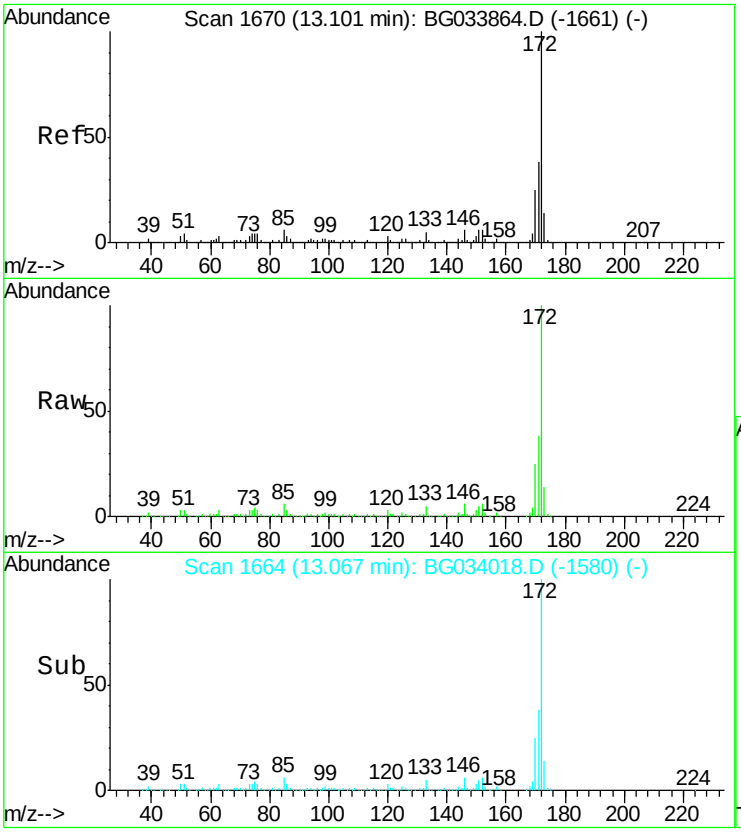


#41
2,4,6-Tribromophenol
Concen: 116.694 ng
RT: 15.95 min Scan# 2154
Delta R.T. -0.02 min
Lab File: BG034018.D
Acq: 26 Apr 2018 19:30

Tgt Ion:330 Resp: 274861

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	35.5	25.2	37.8



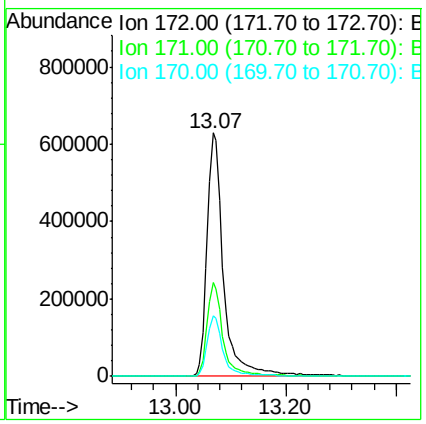


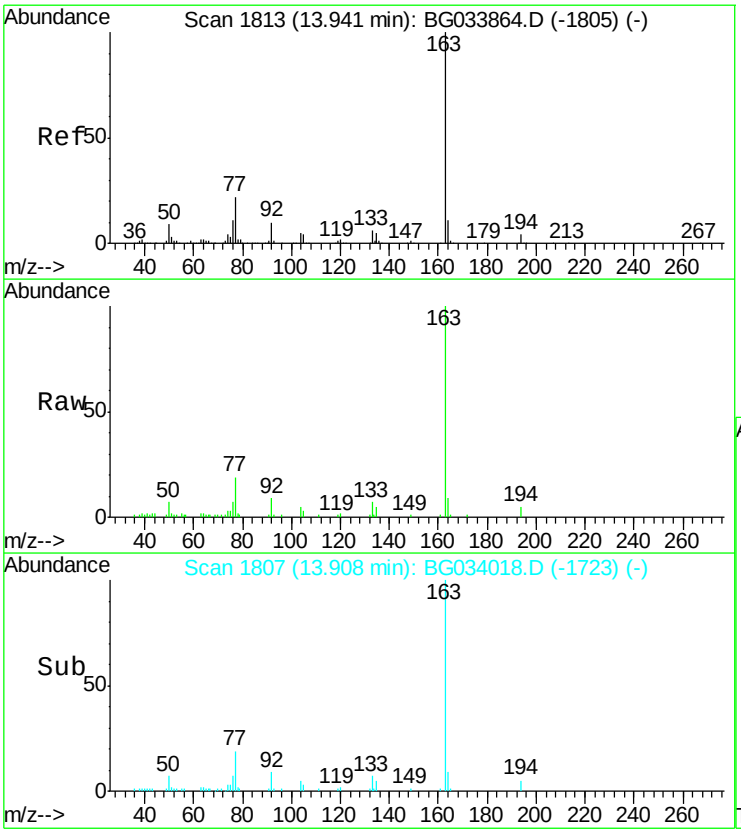
#44
2-Fluorobiphenyl
Concen: 94.789 ng
RT: 13.07 min Scan# 1664
Delta R.T. -0.03 min
Lab File: BG034018.D
Acq: 26 Apr 2018 19:30

Instrument :
BNA_G
ClientSampleId :
042318-DBRI-E-D-S

Tgt Ion:172 Resp: 1302707

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	24.6	19.5	29.3

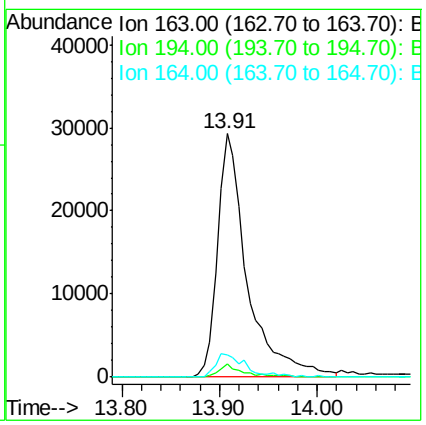


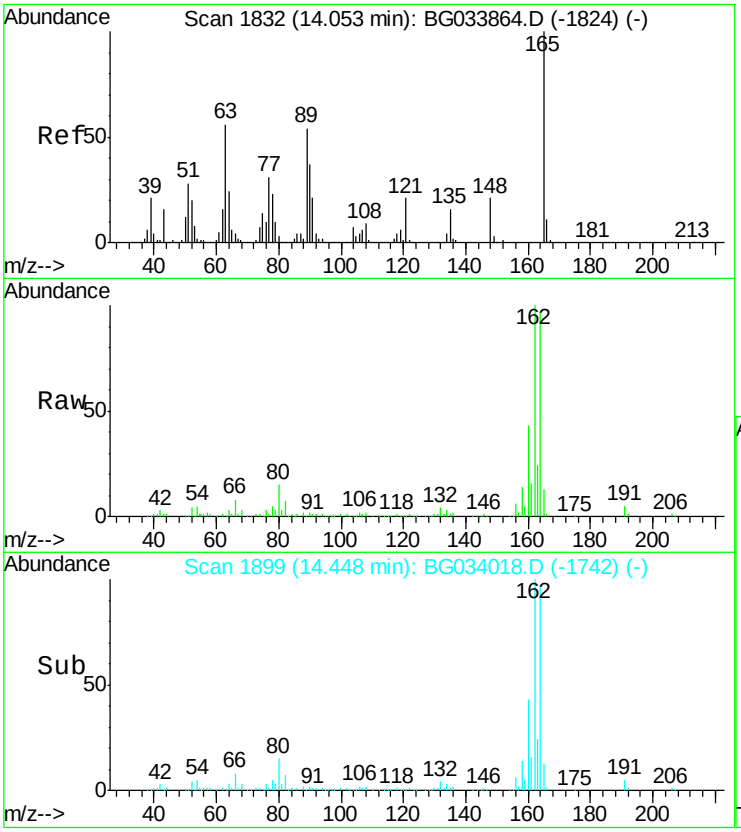


#49
Dimethylphthalate
Concen: 3.487 ng
RT: 13.91 min Scan# 1807
Delta R.T. -0.03 min
Lab File: BG034018.D
Acq: 26 Apr 2018 19:30

Tgt Ion:163 Resp: 61934

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.4	5.2#
164	8.9	8.2	12.4



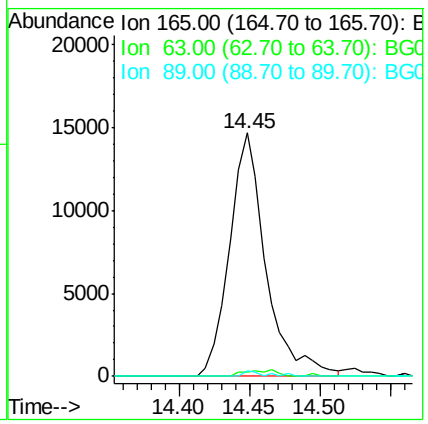


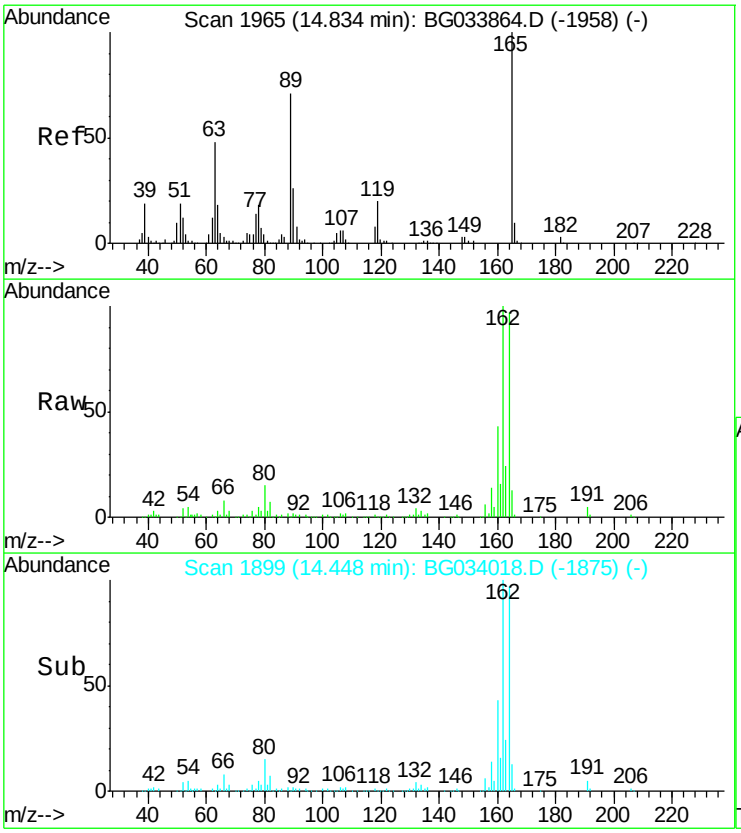
#50
2,6-Dinitrotoluene
Concen: 7.807 ng
RT: 14.45 min Scan# 1899
Delta R.T. 0.40 min
Lab File: BG034018.D
Acq: 26 Apr 2018 19:30

Instrument :
BNA_G
ClientSampleId :
042318-DBRI-E-D-S

Tgt Ion:165 Resp: 26276

Ion	Ratio	Lower	Upper
165	100		
63	1.9	52.7	79.1#
89	2.1	49.2	73.8#

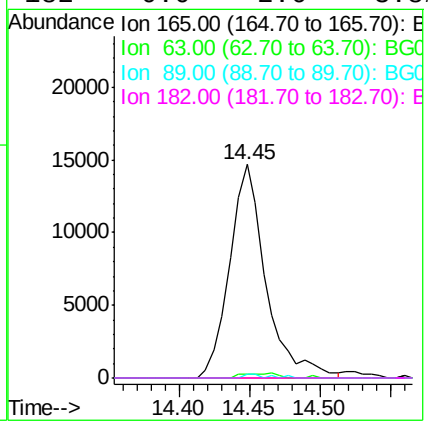


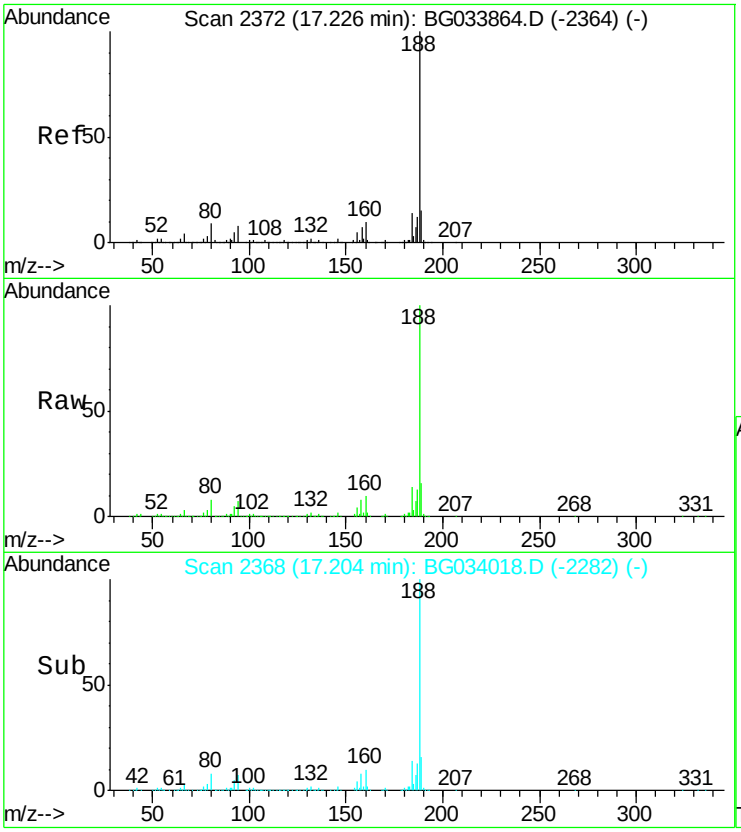


#56
2,4-Dinitrotoluene
Concen: 5.871 ng
RT: 14.45 min Scan# 1899
Delta R.T. -0.39 min
Lab File: BG034018.D
Acq: 26 Apr 2018 19:30

Tgt Ion:165 Resp: 26276

Ion	Ratio	Lower	Upper
165	100		
63	1.9	42.0	63.0#
89	2.1	66.9	100.3#
182	0.0	2.6	3.8#



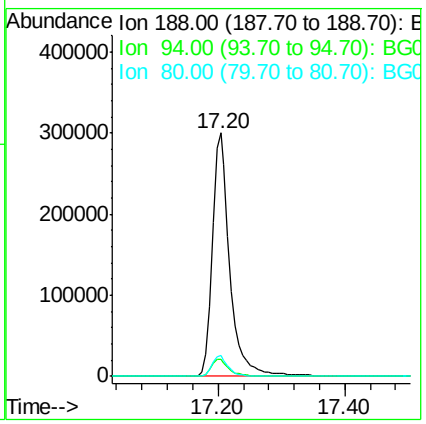


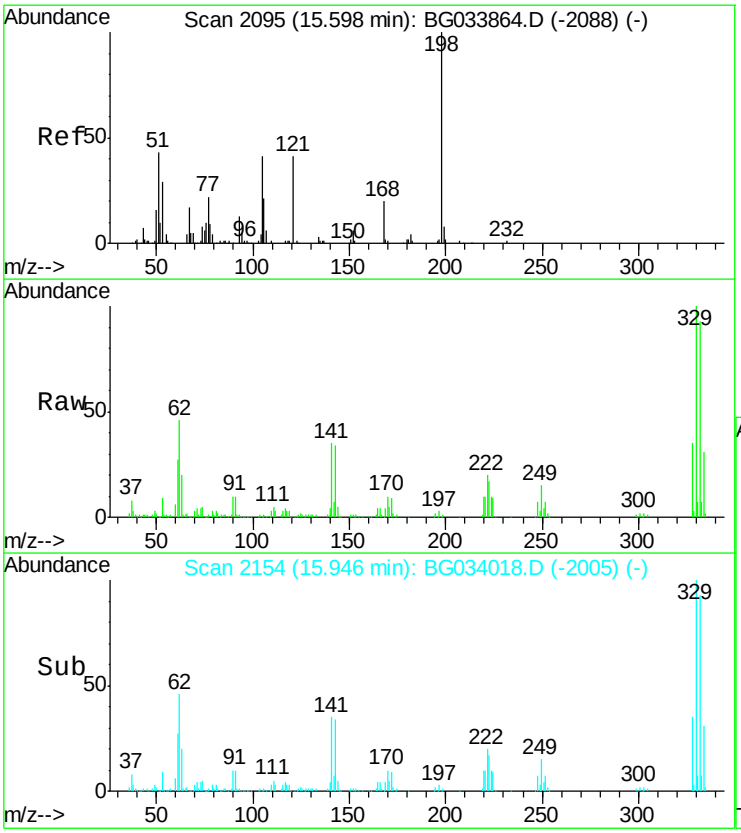
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2368
Delta R.T. -0.02 min
Lab File: BG034018.D
Acq: 26 Apr 2018 19:30

Instrument :
BNA_G
ClientSampleId :
042318-DBRI-E-D-S

Tgt Ion:188 Resp: 586787

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	8.5	7.7	11.5

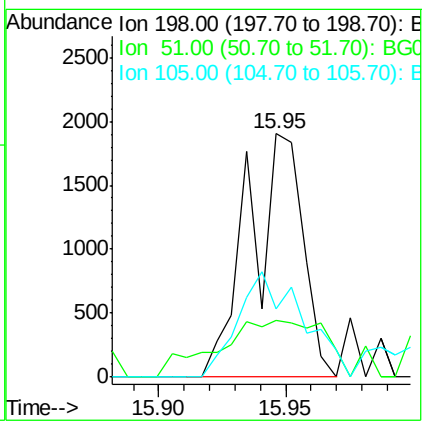


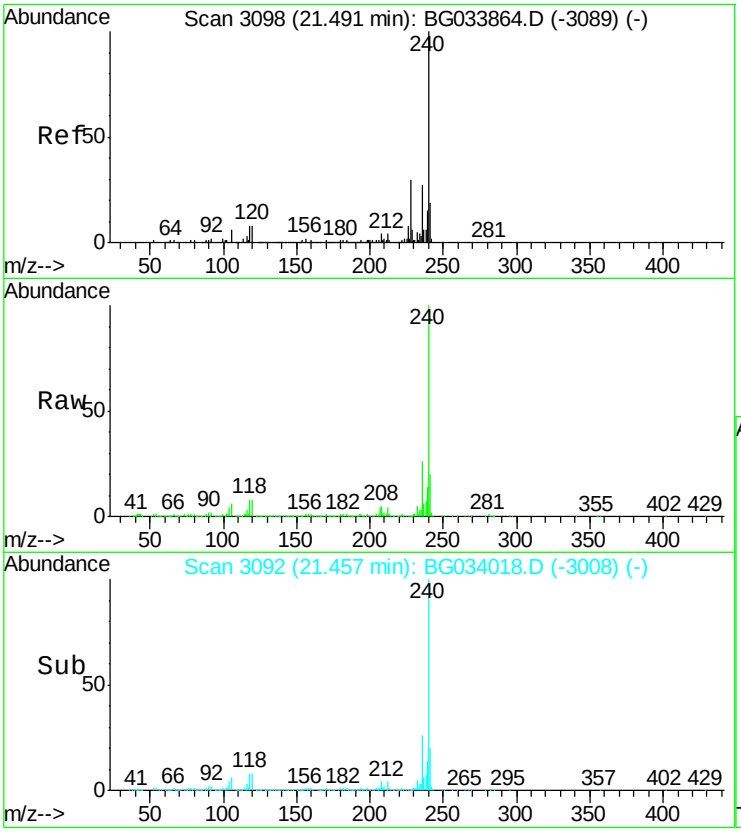


#64
4,6-Dinitro-2-methylphenol
Concen: 7.337 ng
RT: 15.95 min Scan# 2154
Delta R.T. 0.35 min
Lab File: BG034018.D
Acq: 26 Apr 2018 19:30

Tgt Ion:198 Resp: 2771

Ion	Ratio	Lower	Upper
198	100		
51	23.2	30.6	70.6#
105	28.0	23.8	63.8



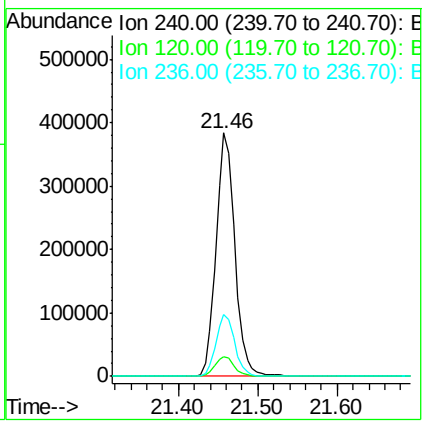


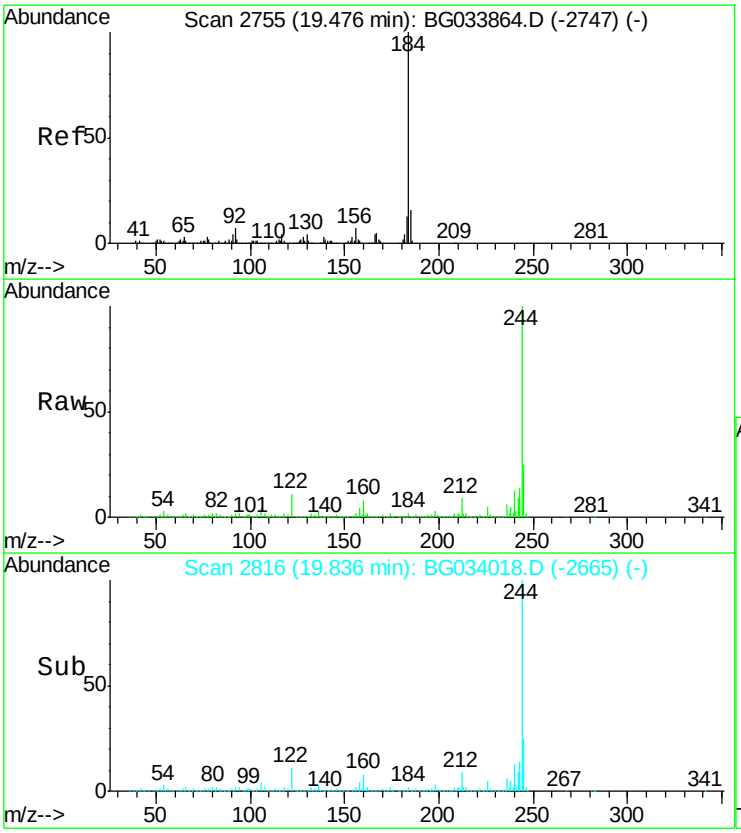
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.46 min Scan# 3092
Delta R.T. -0.03 min
Lab File: BG034018.D
Acq: 26 Apr 2018 19:30

Instrument :
BNA_G
ClientSampleId :
042318-DBRI-E-D-S

Tgt Ion:240 Resp: 631784

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.8	10.2
236	25.5	20.9	31.3

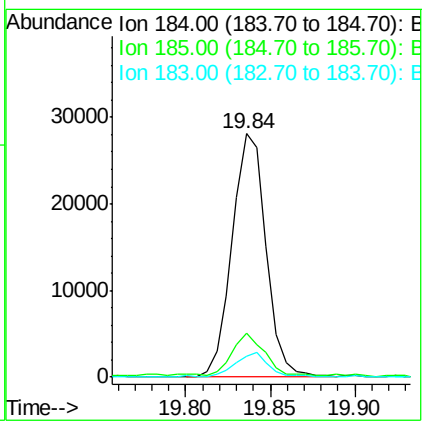


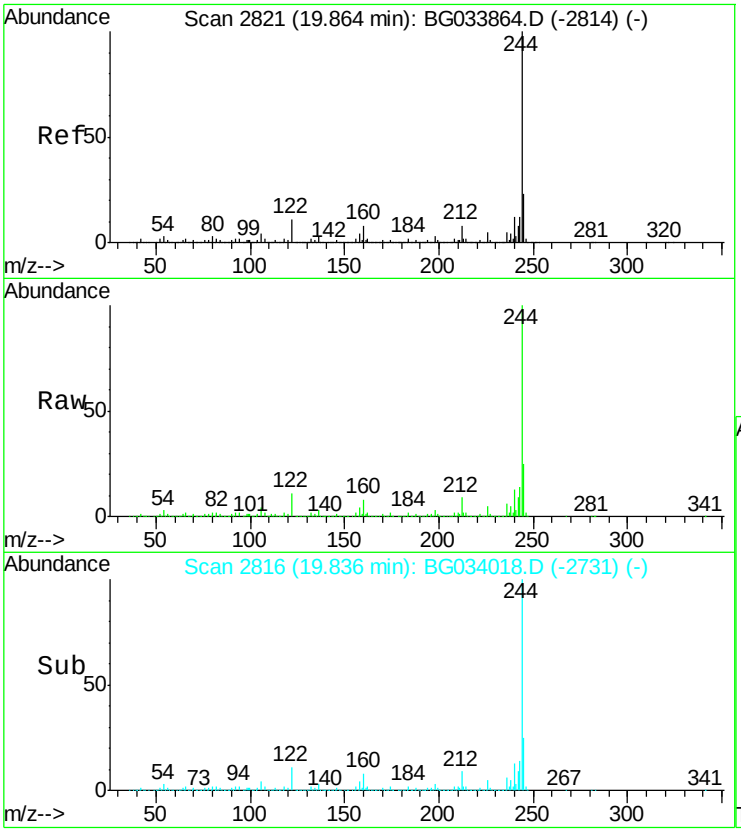


#76
Benzidine
Concen: 2.303 ng
RT: 19.84 min Scan# 2816
Delta R.T. 0.36 min
Lab File: BG034018.D
Acq: 26 Apr 2018 19:30

Tgt Ion:184 Resp: 39298

Ion	Ratio	Lower	Upper
184	100		
185	18.0	11.1	16.7#
183	8.5	10.6	16.0#



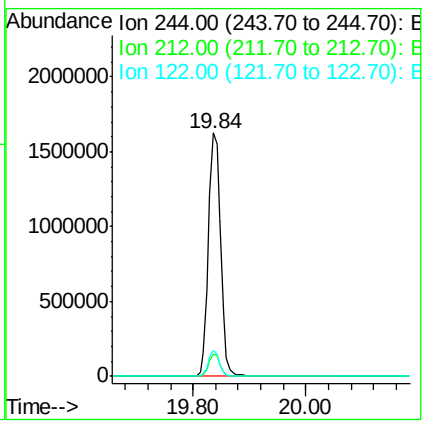


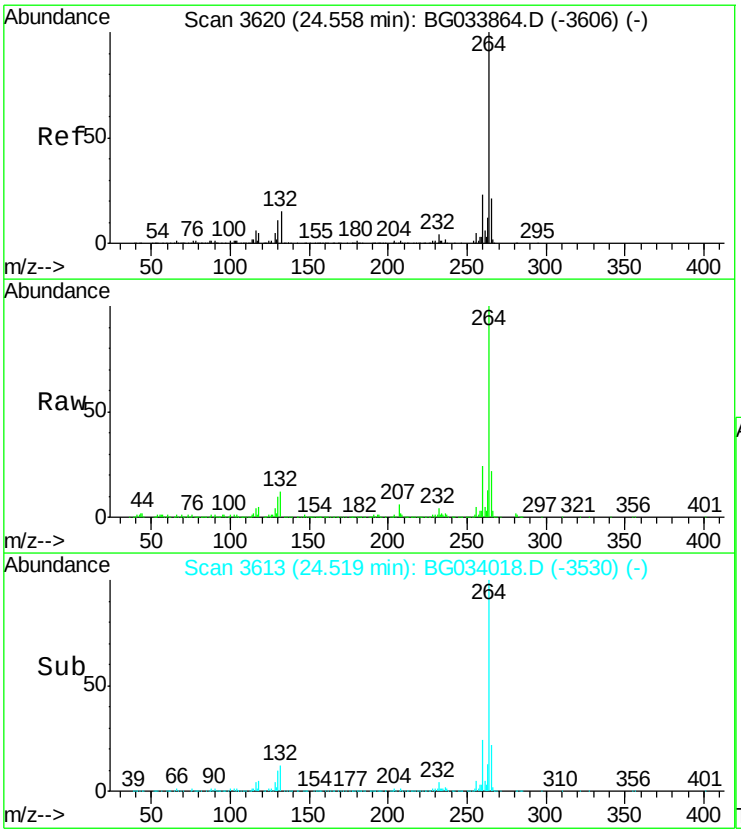
#78
Terphenyl-d14
Concen: 86.892 ng
RT: 19.84 min Scan# 2816
Delta R.T. -0.03 min
Lab File: BG034018.D
Acq: 26 Apr 2018 19:30

Instrument :
BNA_G
ClientSampleId :
042318-DBRI-E-D-S

Tgt Ion:244 Resp: 2443539

Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	10.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.52 min Scan# 3613
Delta R.T. -0.04 min
Lab File: BG034018.D
Acq: 26 Apr 2018 19:30

Tgt Ion:264 Resp: 616055

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.8	17.7	26.5