Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034050.D
Acq On : 27 Apr 2018 22:03
Operator : SJ/JU
Sample : J2455-47
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 28 00:34:47 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	7.75	152	29029	20.00	ng	-0.08
21) Naphthalene-d8	10.54	136	203644	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	159629	20.00	ng	-0.08
63) Phenanthrene-d10	17.15	188	465412	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	527148	20.00	ng	-0.10
86) Perylene-d12	24.39	264	534160	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	371090	204.09	ng	-0.08
7) Phenol-d6	6.94	99	384348	144.93	ng	-0.06
23) Nitrobenzene-d5	8.91	82	309469	86.48	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	333246	178.94	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1090666	100.37	ng	-0.09
78) Terphenyl-d14	19.78	244	2511075	107.02	ng	-0.08
Target Compounds						Qvalue
9) Benzaldehyde	6.96	77	382	Below Cal	#	5
15) Benzyl Alcohol	8.07	79	5731	2.478	ng #	45
19) n-Nitroso-di-n-propylamine	8.91	70	40703	18.005	ng #	80
50) 2,6-Dinitrotoluene	14.39	165	20439	7.681	ng #	20
56) 2,4-Dinitrotoluene	14.39	165	20439	5.776	ng #	18
64) 4,6-Dinitro-2-methylphenol	15.87	198	493	6.679	ng	90
76) Benzidine	19.78	184	36727	2.580	ng #	87

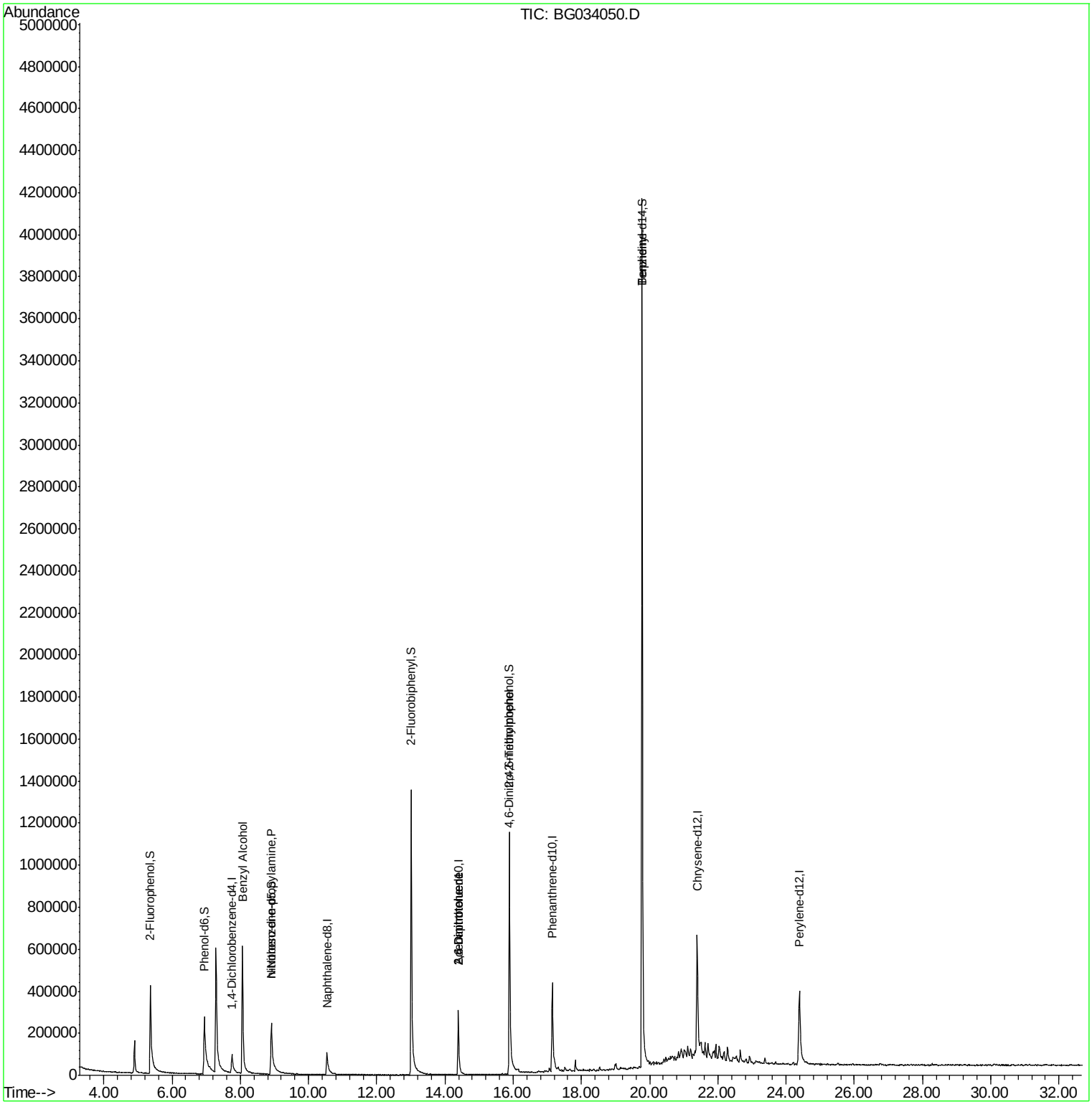
(#) = qualifier out of range (m) = manual integration (+) = signals summed

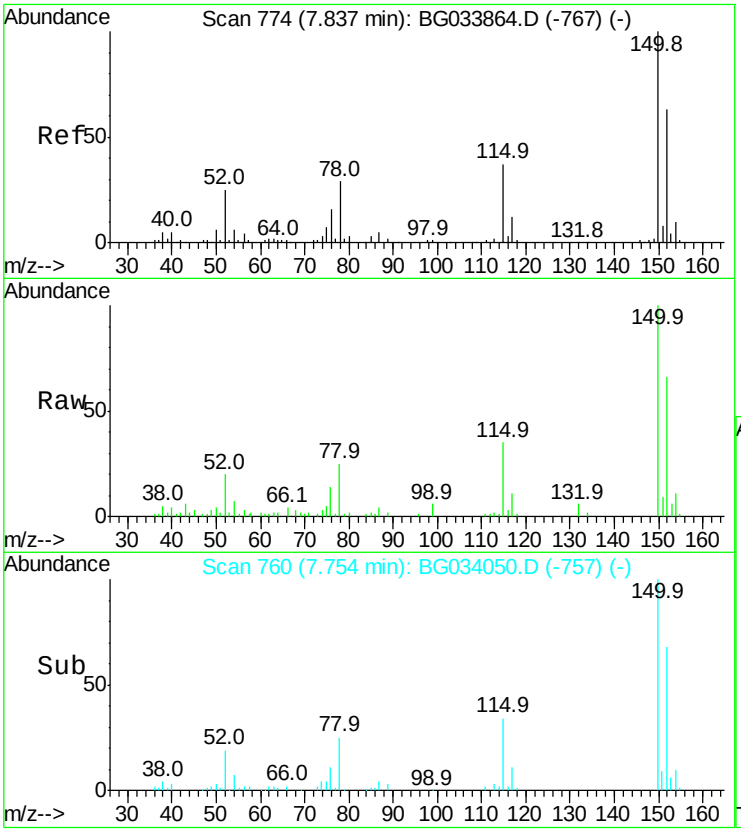
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034050.D
Acq On : 27 Apr 2018 22:03
Operator : SJ/JU
Sample : J2455-47
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 28 00:34:47 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



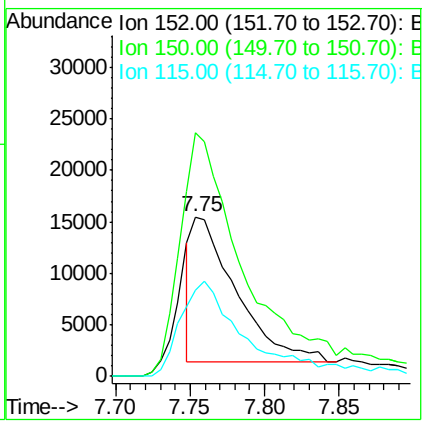


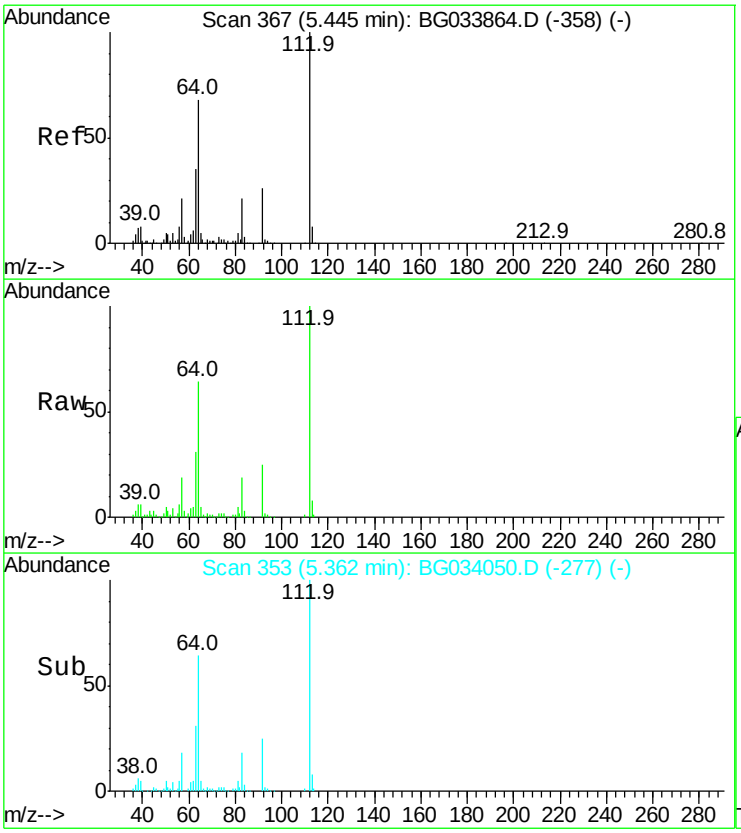
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 760
Delta R.T. -0.08 min
Lab File: BG034050.D
Acq: 27 Apr 2018 22:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 29029

Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.6	189.8
115	54.1	53.0	79.4

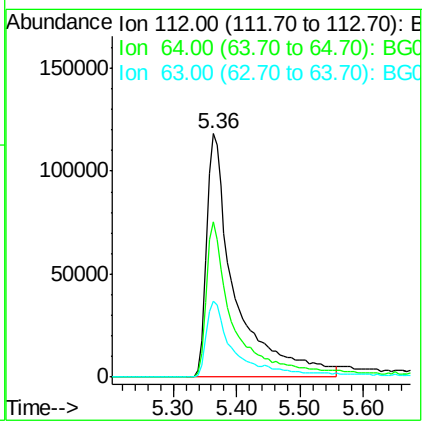


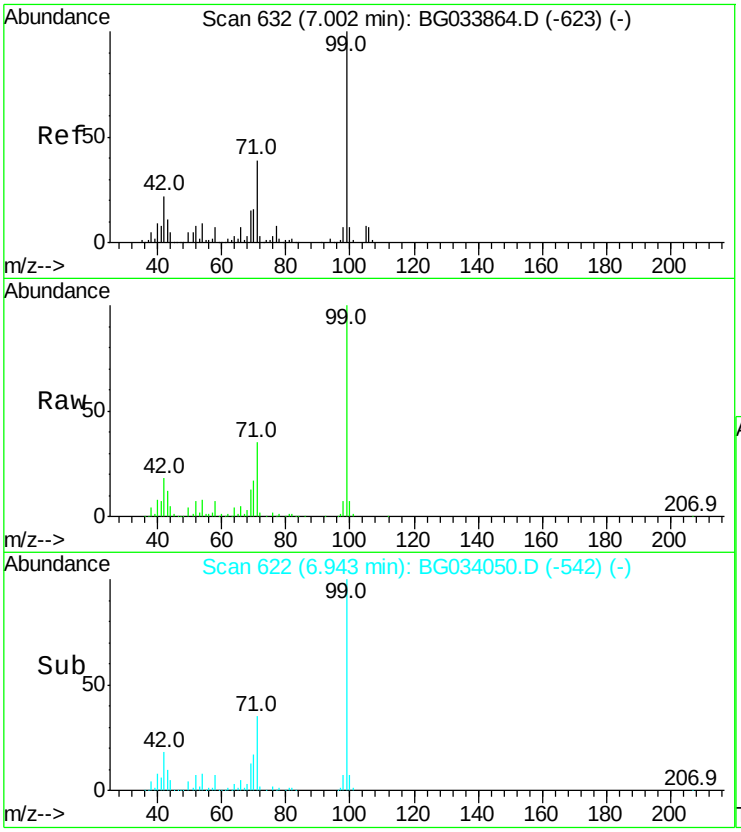


#5
2-Fluorophenol
Concen: 204.092 ng
RT: 5.36 min Scan# 353
Delta R.T. -0.08 min
Lab File: BG034050.D
Acq: 27 Apr 2018 22:03

Tgt Ion:112 Resp: 371090

Ion	Ratio	Lower	Upper
112	100		
64	64.0	56.3	84.5
63	31.2	30.1	45.1



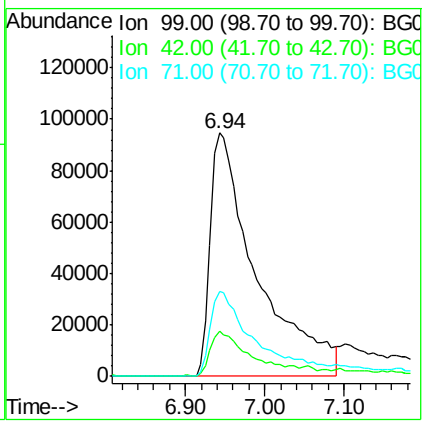


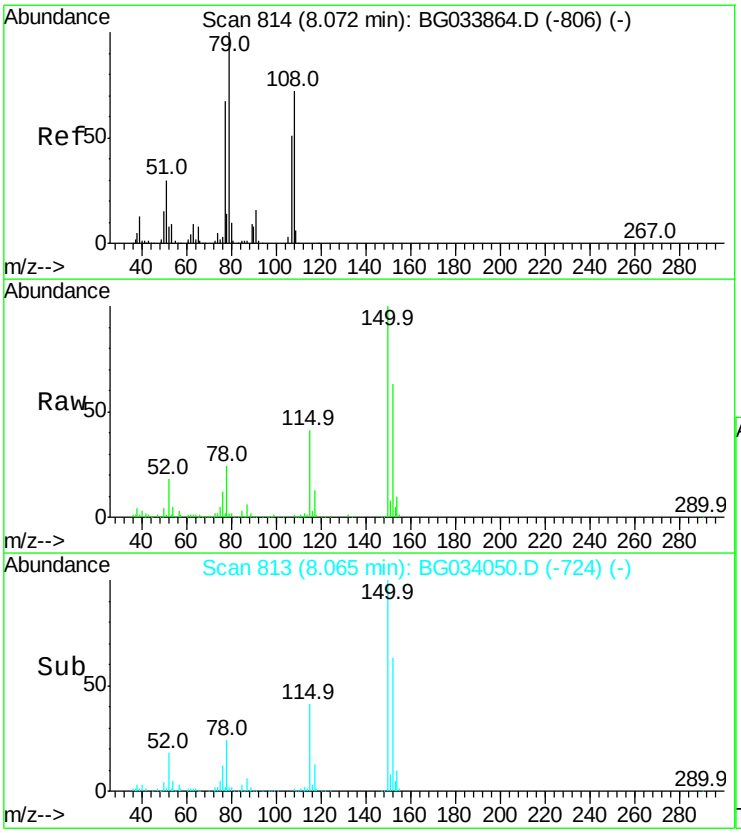
#7
Phenol-d6
Concen: 144.926 ng
RT: 6.94 min Scan# 622
Delta R.T. -0.06 min
Lab File: BG034050.D
Acq: 27 Apr 2018 22:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 384348

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.1	21.1
71	35.1	26.1	39.1

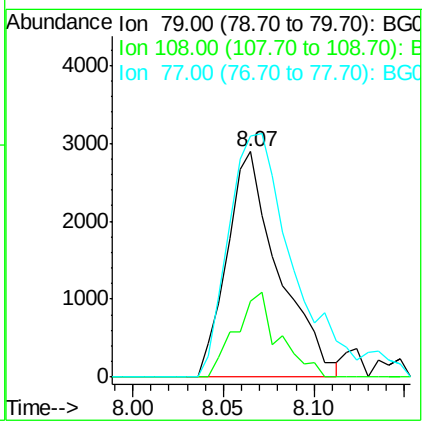


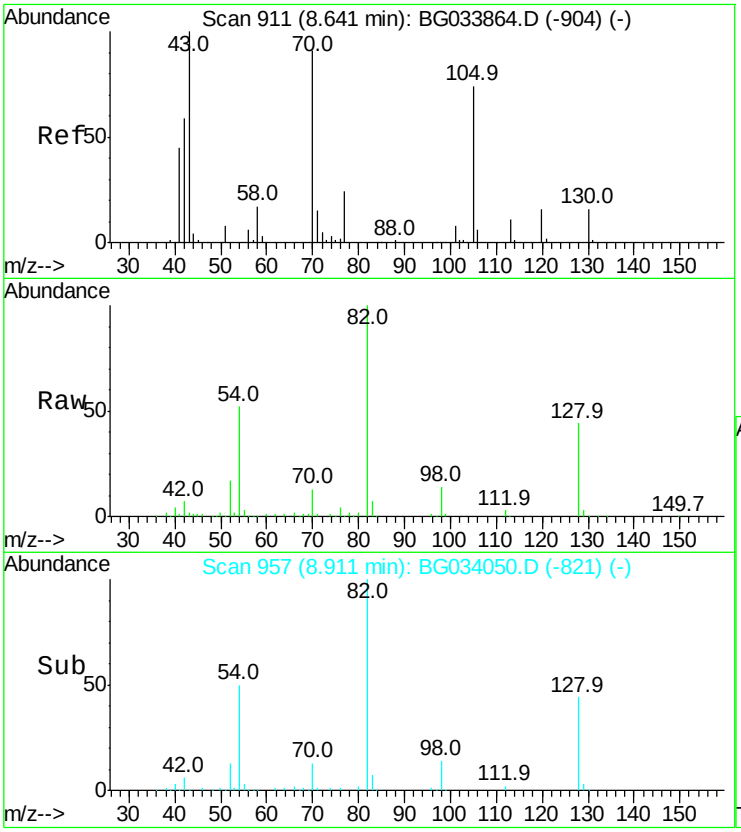


#15
Benzyl Alcohol
Concen: 2.478 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG034050.D
Acq: 27 Apr 2018 22:03

Tgt Ion: 79 Resp: 5731

Ion	Ratio	Lower	Upper
79	100		
108	33.8	57.2	85.8#
77	106.8	46.1	69.1#



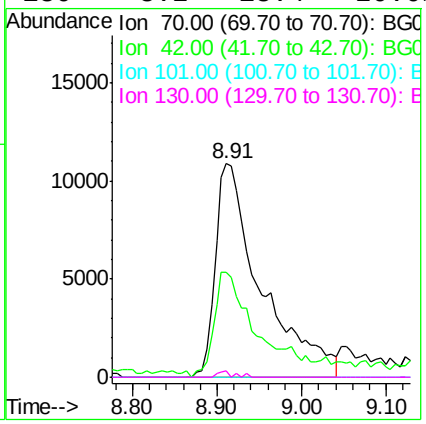


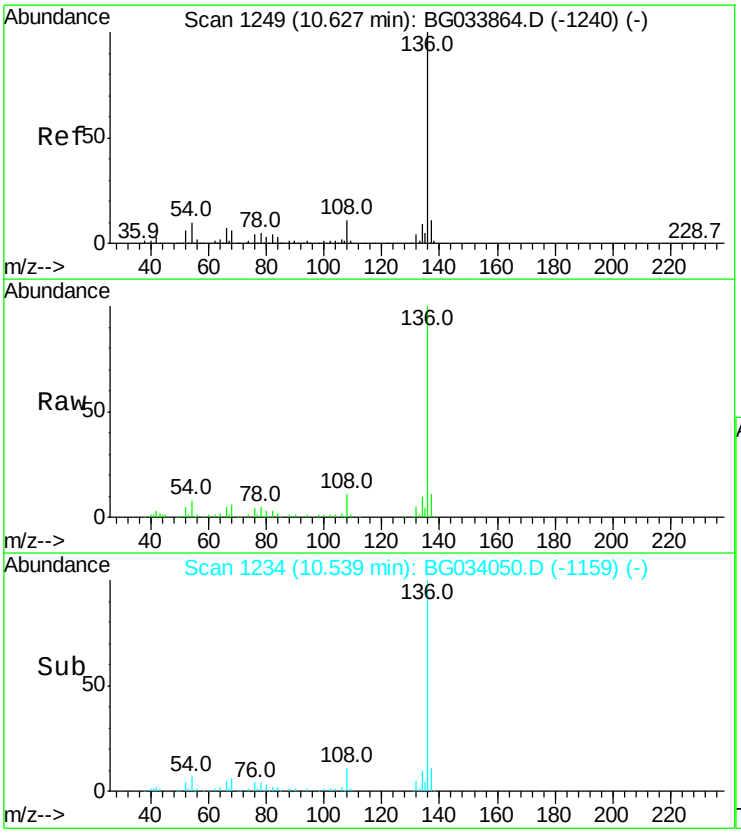
#19
n-Nitroso-di-n-propylamine
Concen: 18.005 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.27 min
Lab File: BG034050.D
Acq: 27 Apr 2018 22:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 40703

Ion	Ratio	Lower	Upper
70	100		
42	49.3	49.1	73.7
101	0.0	8.5	12.7#
130	3.2	13.4	20.0#

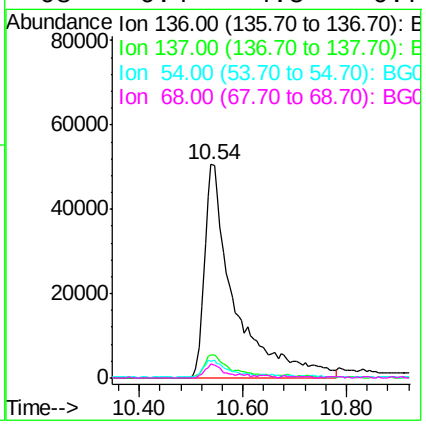


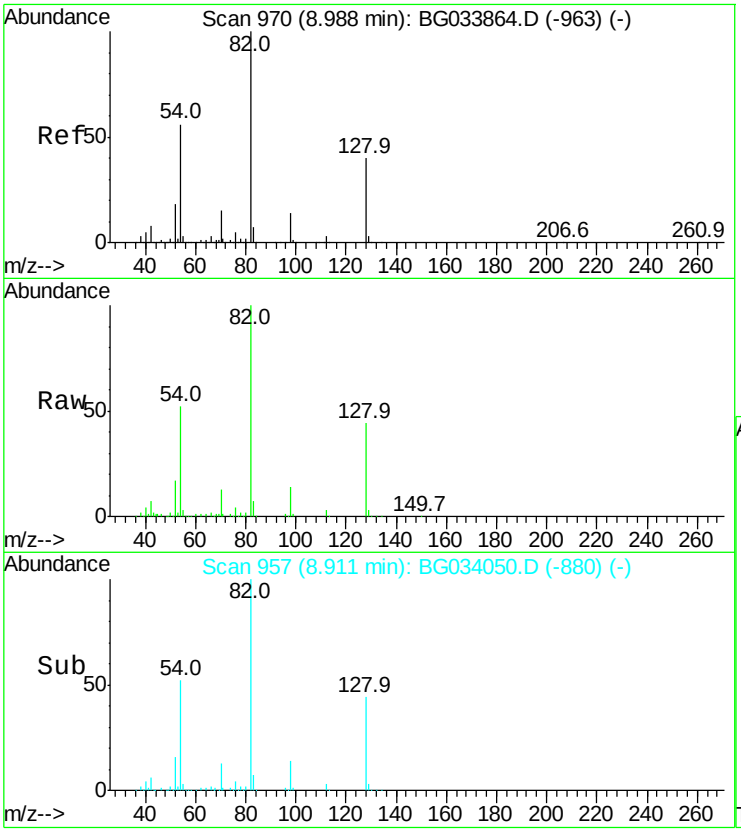


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.54 min Scan# 1234
Delta R.T. -0.09 min
Lab File: BG034050.D
Acq: 27 Apr 2018 22:03

Tgt Ion:136 Resp: 203644

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.8	10.3	15.5#
68	6.4	4.5	6.7

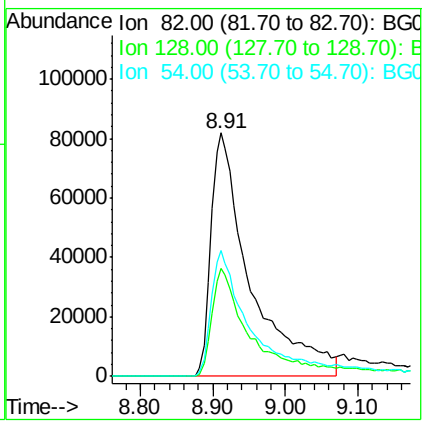




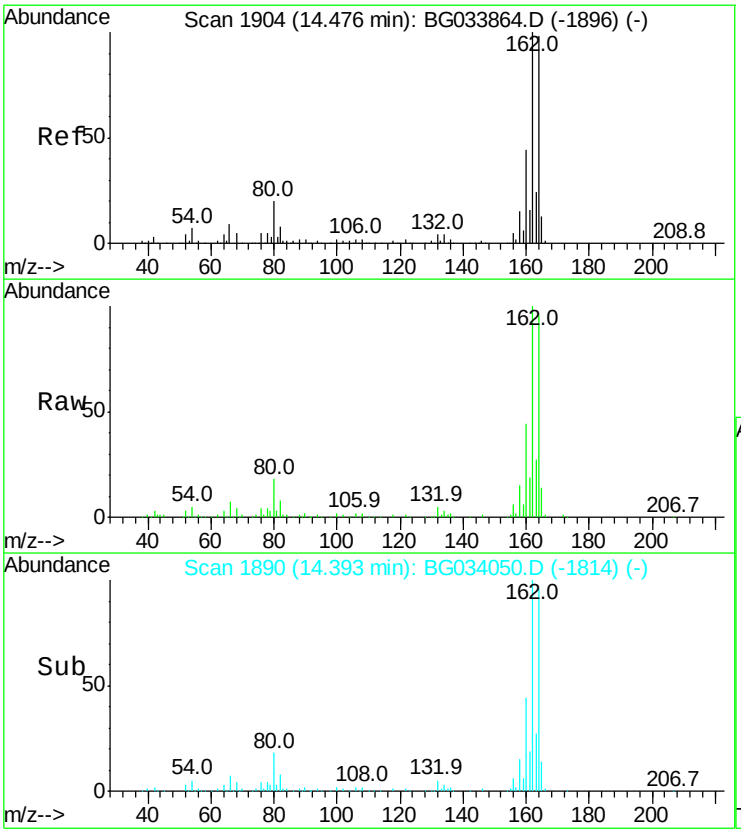
#23
Nitrobenzene-d5
Concen: 86.483 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.08 min
Lab File: BG034050.D
Acq: 27 Apr 2018 22:03

Tgt Ion: 82 Resp: 309469

Ion	Ratio	Lower	Upper
82	100		
128	44.4	29.7	44.5
54	51.7	43.1	64.7



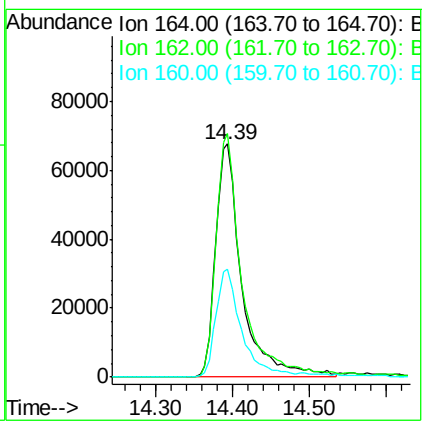
Instrument :
BNA_G
ClientSampleId :

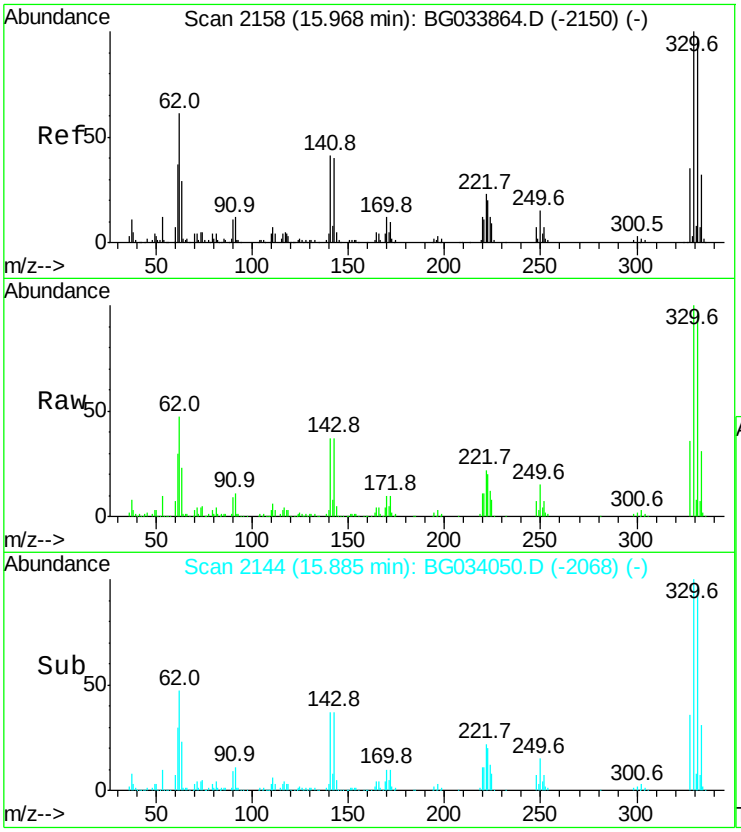


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.08 min
Lab File: BG034050.D
Acq: 27 Apr 2018 22:03

Tgt Ion:164 Resp: 159629

Ion	Ratio	Lower	Upper
164	100		
162	104.4	78.8	118.2
160	46.1	35.4	53.0



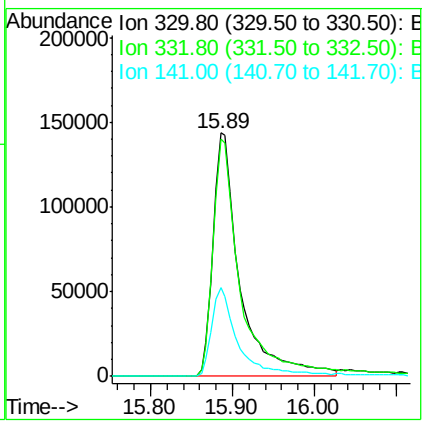


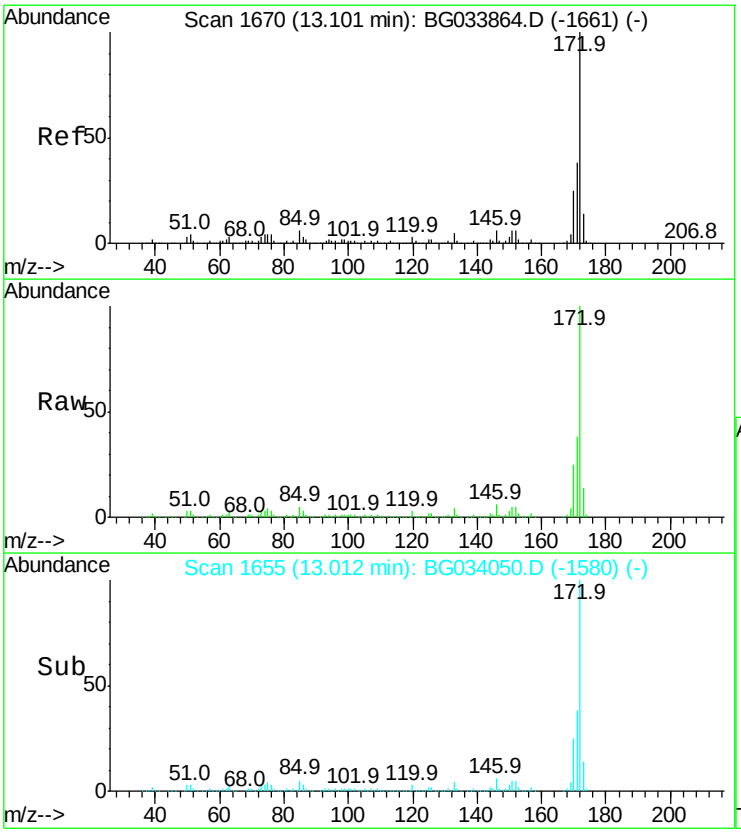
#41
2,4,6-Tribromophenol
Concen: 178.941 ng
RT: 15.89 min Scan# 2144
Delta R.T. -0.08 min
Lab File: BG034050.D
Acq: 27 Apr 2018 22:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 333246

Ion	Ratio	Lower	Upper
330	100		
332	103.0	77.0	115.6
141	36.3	25.2	37.8

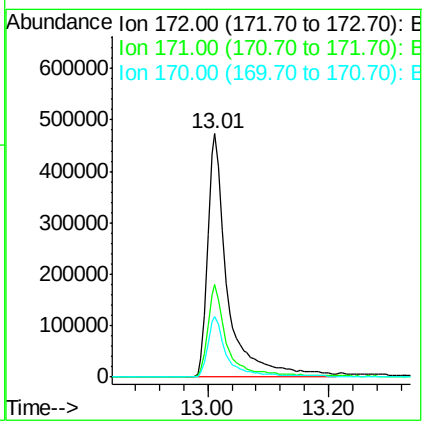


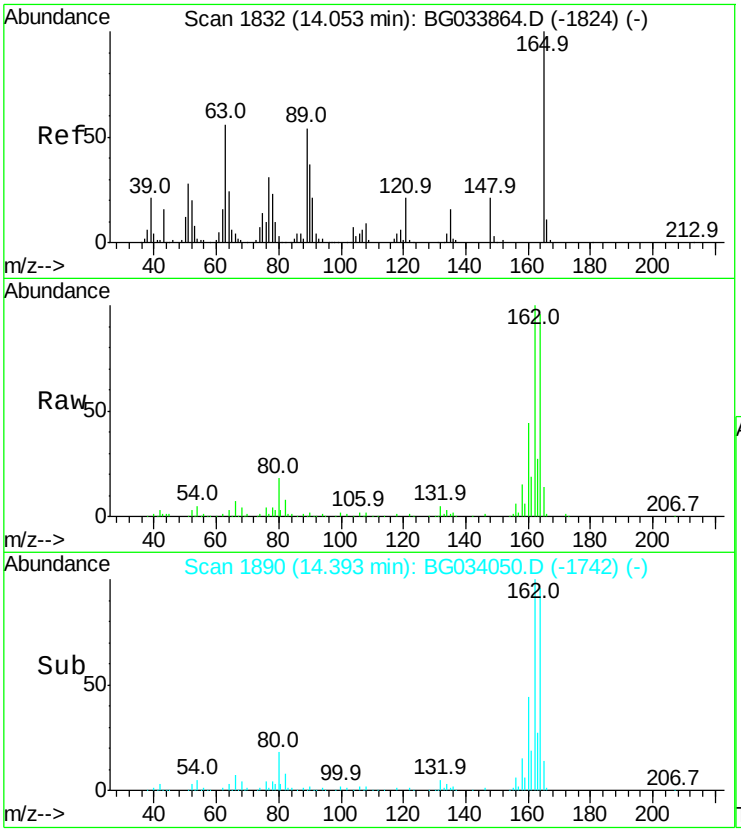


#44
2-Fluorobiphenyl
Concen: 100.371 ng
RT: 13.01 min Scan# 1655
Delta R.T. -0.09 min
Lab File: BG034050.D
Acq: 27 Apr 2018 22:03

Tgt Ion:172 Resp: 1090666

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	25.1	19.5	29.3



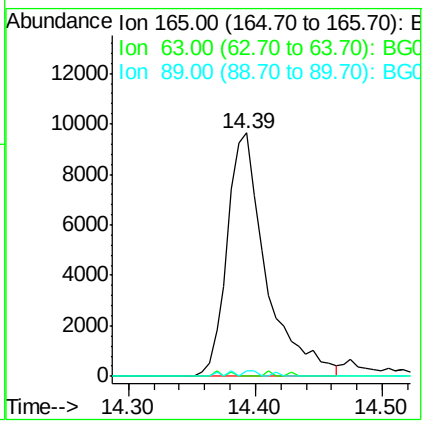


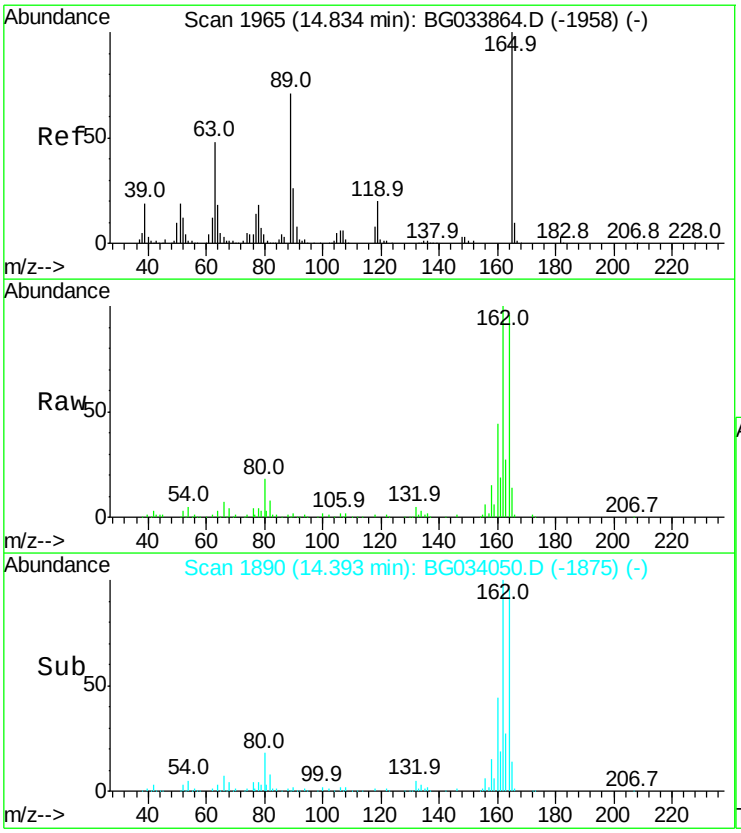
#50
2,6-Dinitrotoluene
Concen: 7.681 ng
RT: 14.39 min Scan# 1890
Delta R.T. 0.34 min
Lab File: BG034050.D
Acq: 27 Apr 2018 22:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20439

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.1	49.2	73.8#

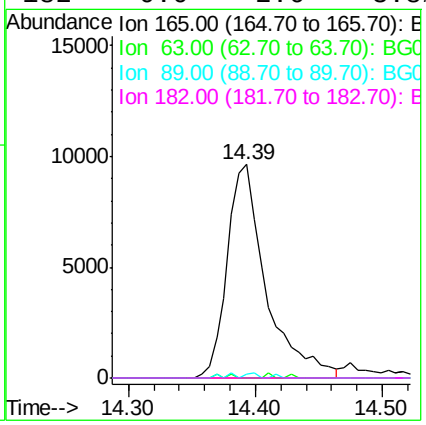


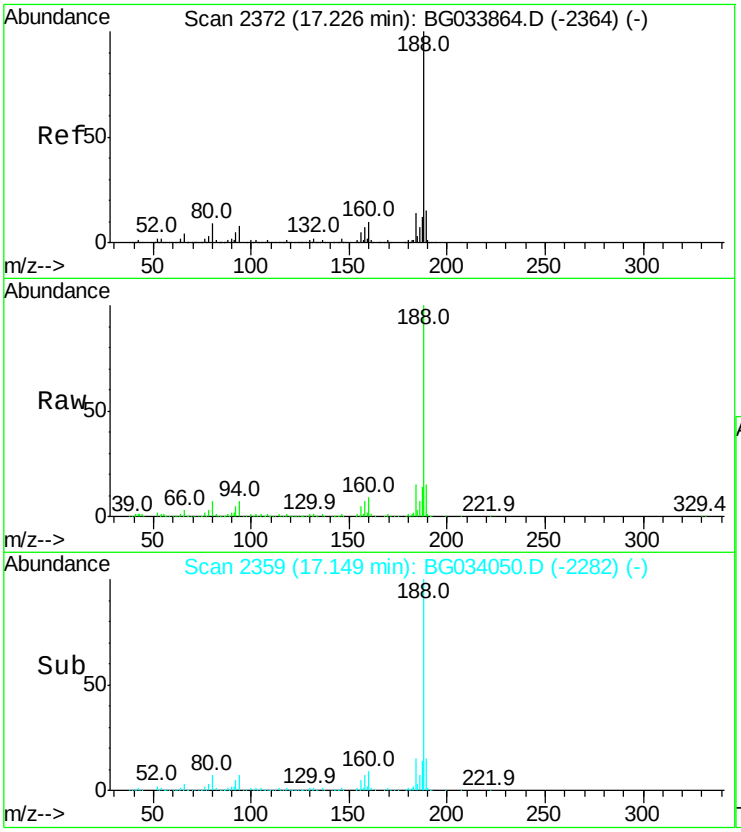


#56
2,4-Dinitrotoluene
Concen: 5.776 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.44 min
Lab File: BG034050.D
Acq: 27 Apr 2018 22:03

Tgt Ion:165 Resp: 20439

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



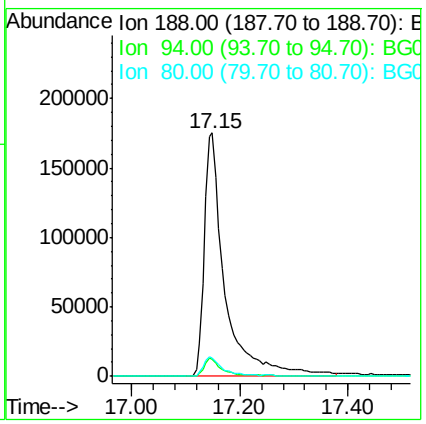


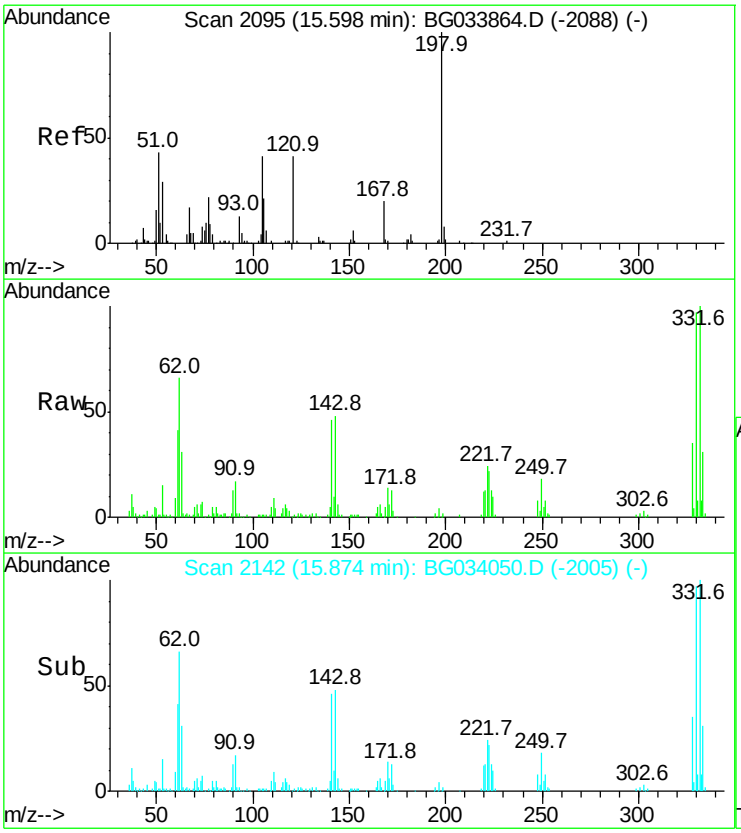
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2359
Delta R.T. -0.08 min
Lab File: BG034050.D
Acq: 27 Apr 2018 22:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 465412

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	7.4	7.7	11.5#

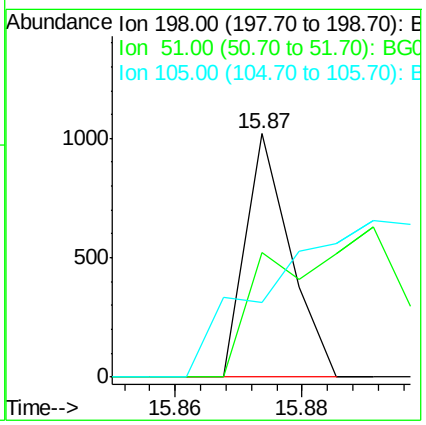


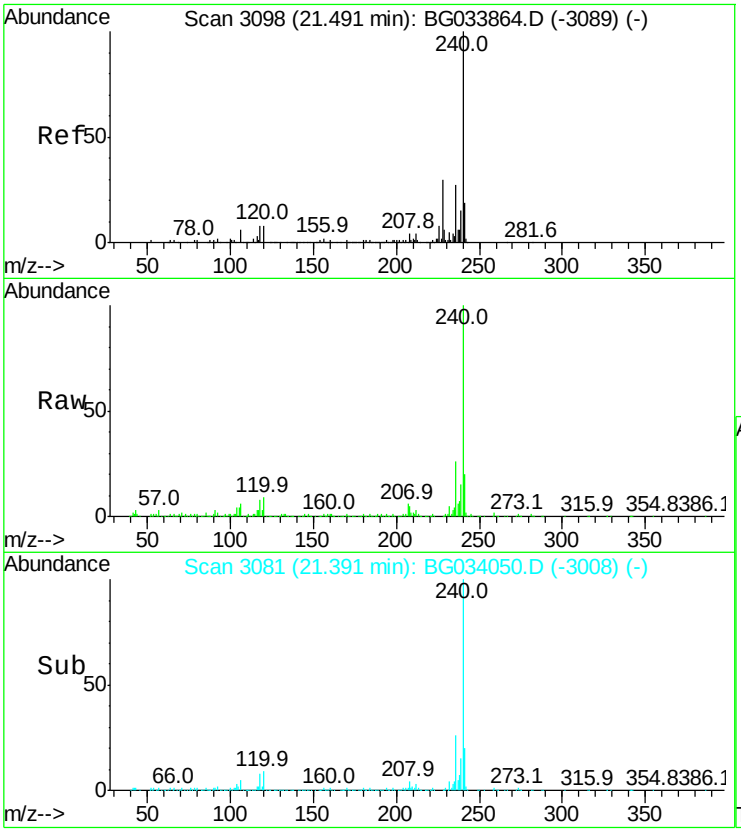


#64
4,6-Dinitro-2-methylphenol
Concen: 6.679 ng
RT: 15.87 min Scan# 2142
Delta R.T. 0.28 min
Lab File: BG034050.D
Acq: 27 Apr 2018 22:03

Tgt Ion:198 Resp: 493

Ion	Ratio	Lower	Upper
198	100		
51	51.0	30.6	70.6
105	30.6	23.8	63.8



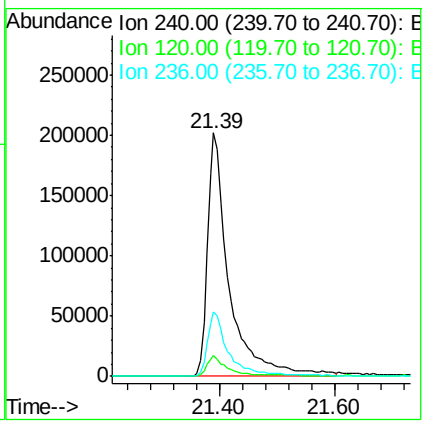


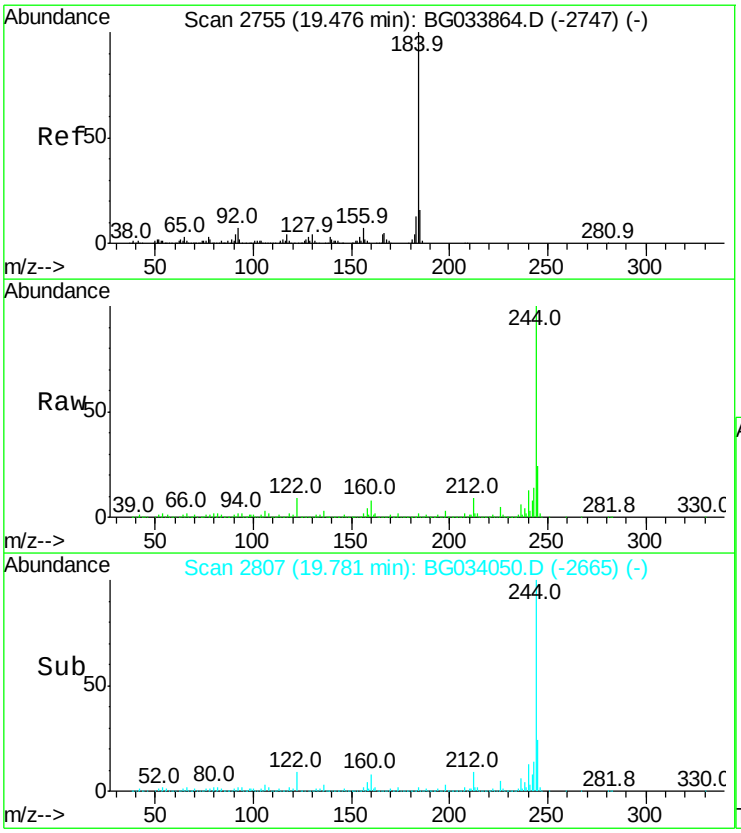
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.39 min Scan# 3081
Delta R.T. -0.10 min
Lab File: BG034050.D
Acq: 27 Apr 2018 22:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 527148

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.8	10.2
236	26.3	20.9	31.3

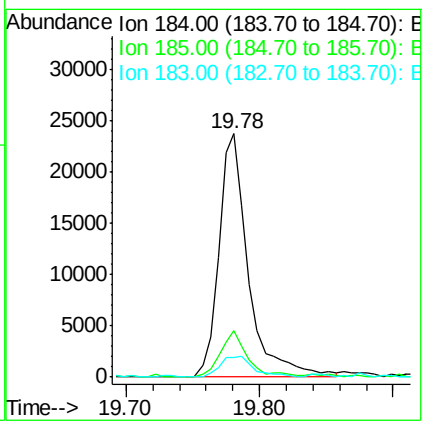


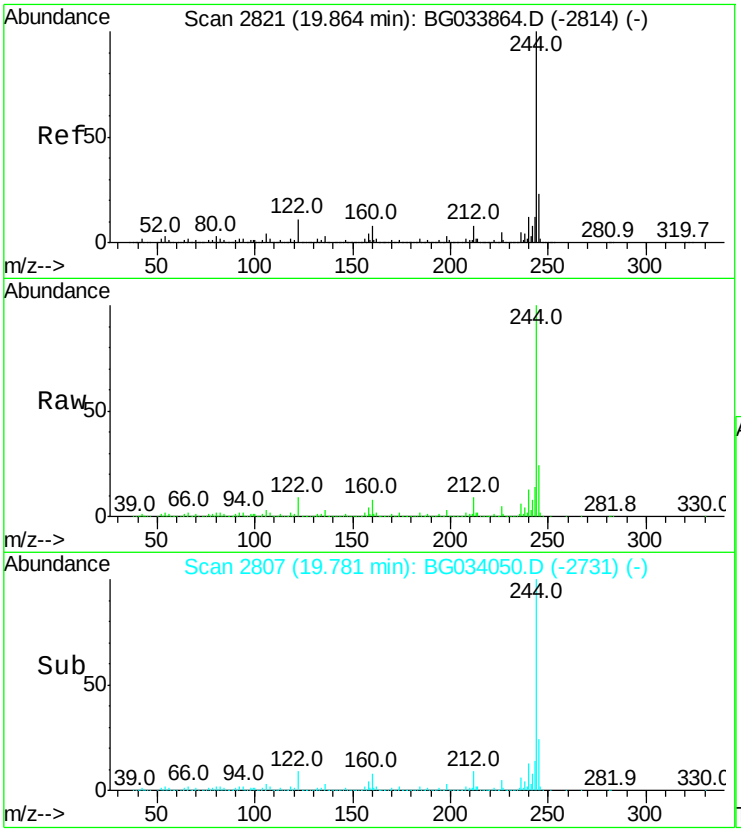


#76
Benzidine
Concen: 2.580 ng
RT: 19.78 min Scan# 2807
Delta R.T. 0.30 min
Lab File: BG034050.D
Acq: 27 Apr 2018 22:03

Tgt Ion:184 Resp: 36727

Ion	Ratio	Lower	Upper
184	100		
185	18.9	11.1	16.7#
183	8.1	10.6	16.0#



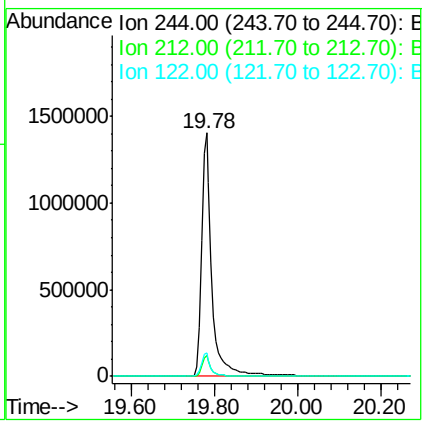


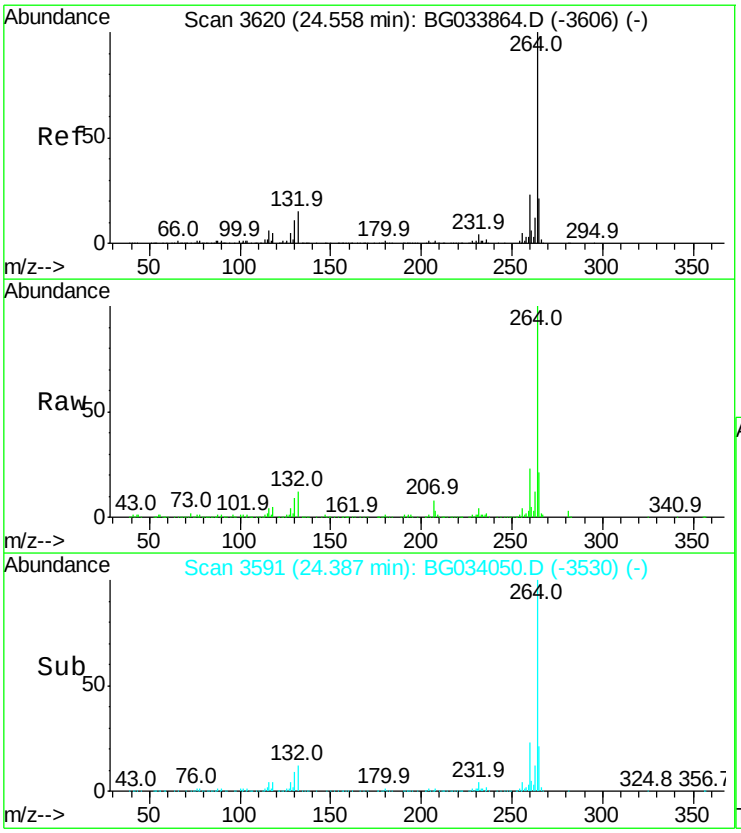
#78
Terphenyl-d14
Concen: 107.018 ng
RT: 19.78 min Scan# 2807
Delta R.T. -0.08 min
Lab File: BG034050.D
Acq: 27 Apr 2018 22:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2511075

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	9.4	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.39 min Scan# 3591
Delta R.T. -0.17 min
Lab File: BG034050.D
Acq: 27 Apr 2018 22:03

Tgt Ion:264 Resp: 534160

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.1	17.7	26.5