Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063018\
Data File : BG035548.D
Acq On : 30 Jun 2018 18:43
Operator : JU/SJ
Sample : PB110714BL
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 02 02:30:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	31304	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	115657	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	89469	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	272890	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	318952	20.00	ng	-0.03
86) Perylene-d12	24.92	264	301345	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	174629	94.14	ng	0.00
7) Phenol-d6	7.22	99	256846	93.82	ng	0.00
23) Nitrobenzene-d5	9.22	82	244897	100.65	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	123313	107.67	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	608815	88.46	ng	-0.02
78) Terphenyl-d14	20.03	244	1364657	89.62	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	32790	14.097	ng	# 71
50) 2,6-Dinitrotoluene	14.68	165	12138	8.528	ng	# 18
56) 2,4-Dinitrotoluene	14.68	165	12138	6.420	ng	# 16
66) 4-Bromophenyl-phenylether	16.17	248	8997	2.738	ng	# 1

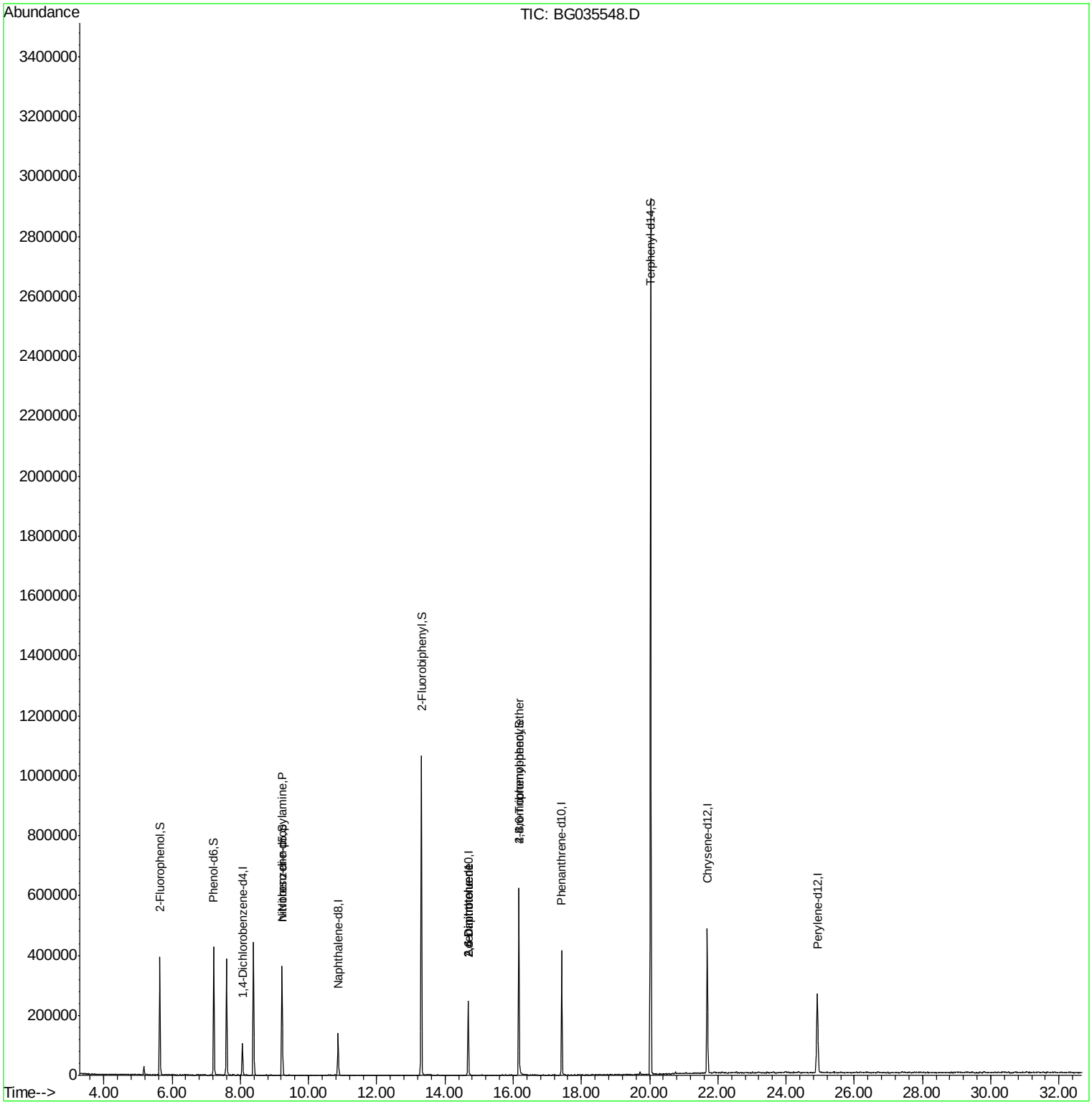
(#) = qualifier out of range (m) = manual integration (+) = signals summed

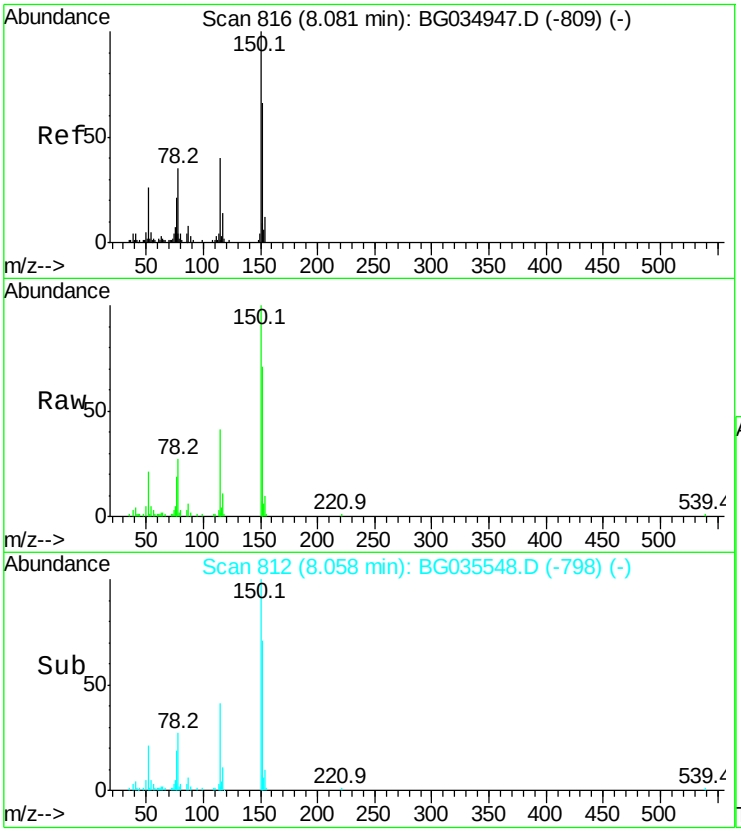
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063018\
Data File : BG035548.D
Acq On : 30 Jun 2018 18:43
Operator : JU/SJ
Sample : PB110714BL
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 02 02:30:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration



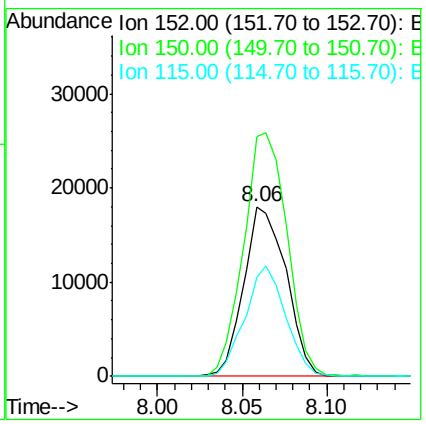


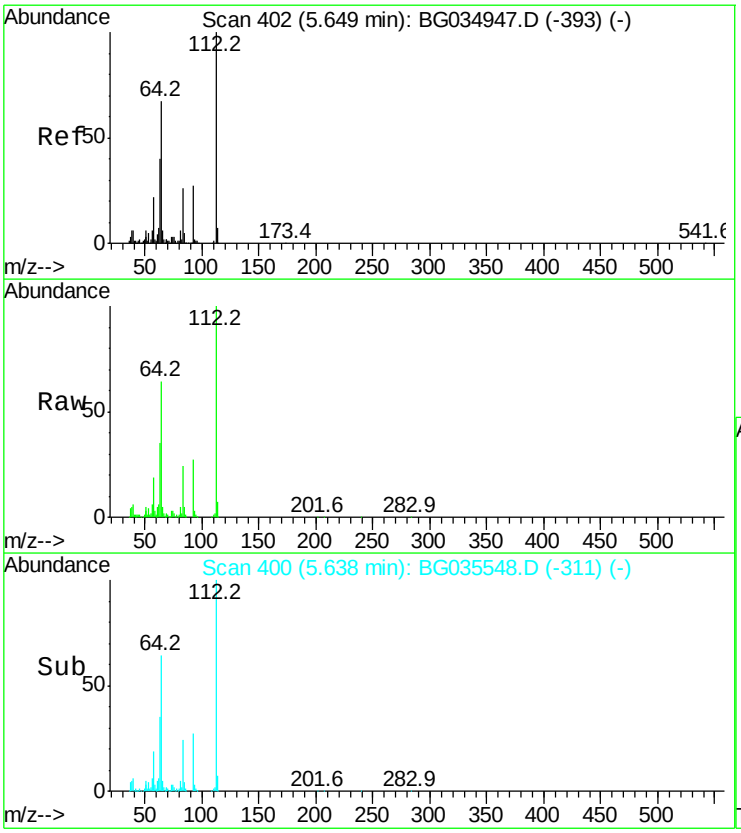
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035548.D
Acq: 30 Jun 2018 18:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 31304

Ion	Ratio	Lower	Upper
152	100		
150	141.5	126.6	189.8
115	58.5	53.0	79.4

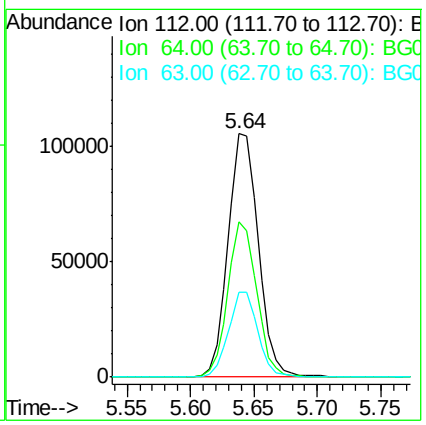


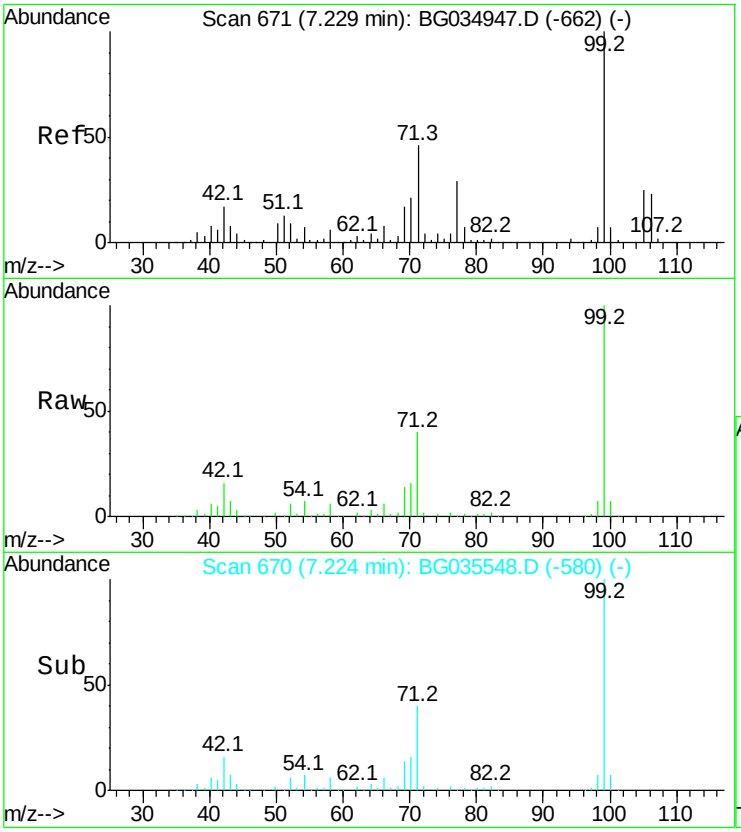


#5
2-Fluorophenol
Concen: 94.143 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035548.D
Acq: 30 Jun 2018 18:43

Tgt Ion:112 Resp: 174629

Ion	Ratio	Lower	Upper
112	100		
64	63.7	56.3	84.5
63	34.9	30.1	45.1



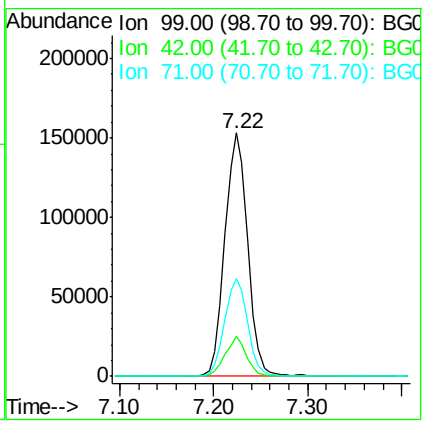


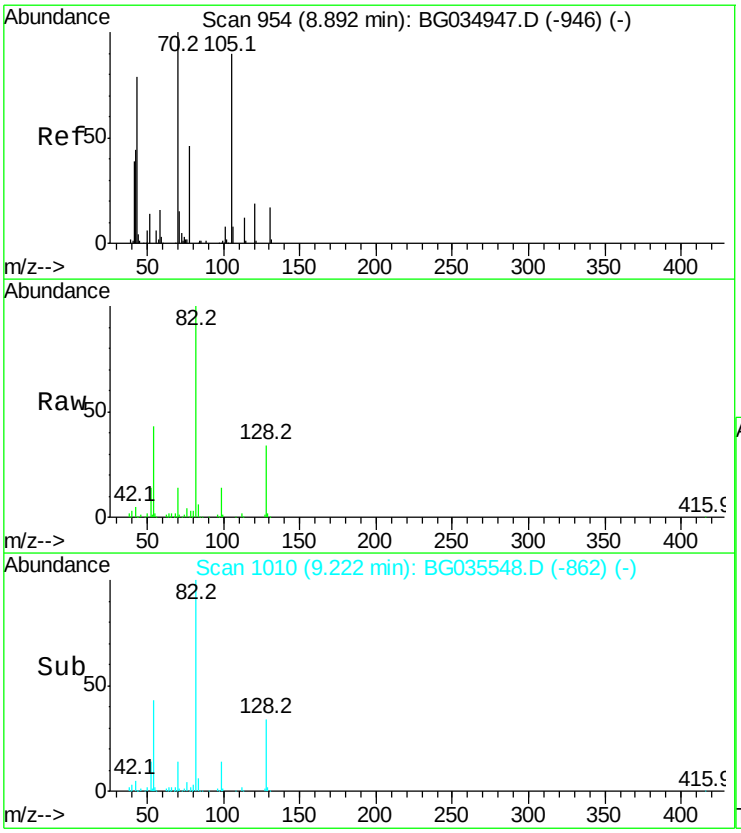
#7
Phenol-d6
Concen: 93.816 ng
RT: 7.22 min Scan# 670
Delta R.T. -0.00 min
Lab File: BG035548.D
Acq: 30 Jun 2018 18:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 256846

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.1	21.1
71	40.2	26.1	39.1#

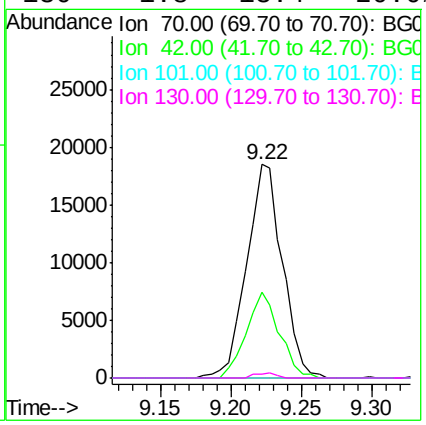


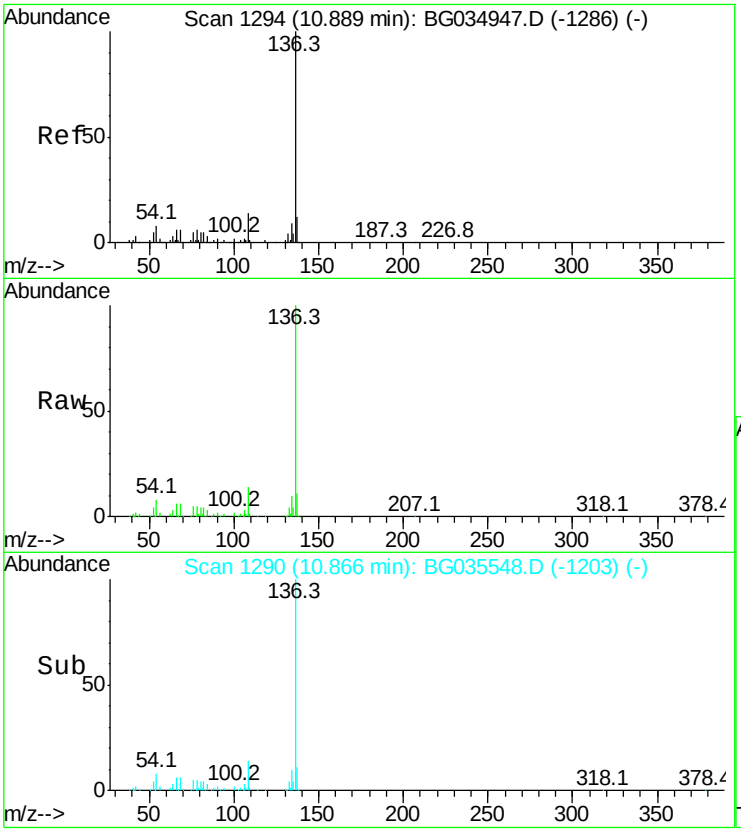


#19
n-Nitroso-di-n-propylamine
Concen: 14.097 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.34 min
Lab File: BG035548.D
Acq: 30 Jun 2018 18:43

Tgt Ion: 70 Resp: 32790

Ion	Ratio	Lower	Upper
70	100		
42	40.1	49.1	73.7#
101	0.0	8.5	12.7#
130	1.8	13.4	20.0#



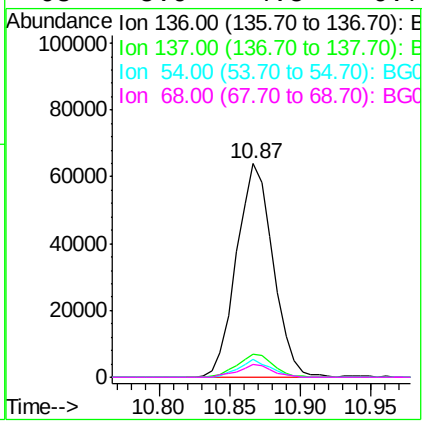


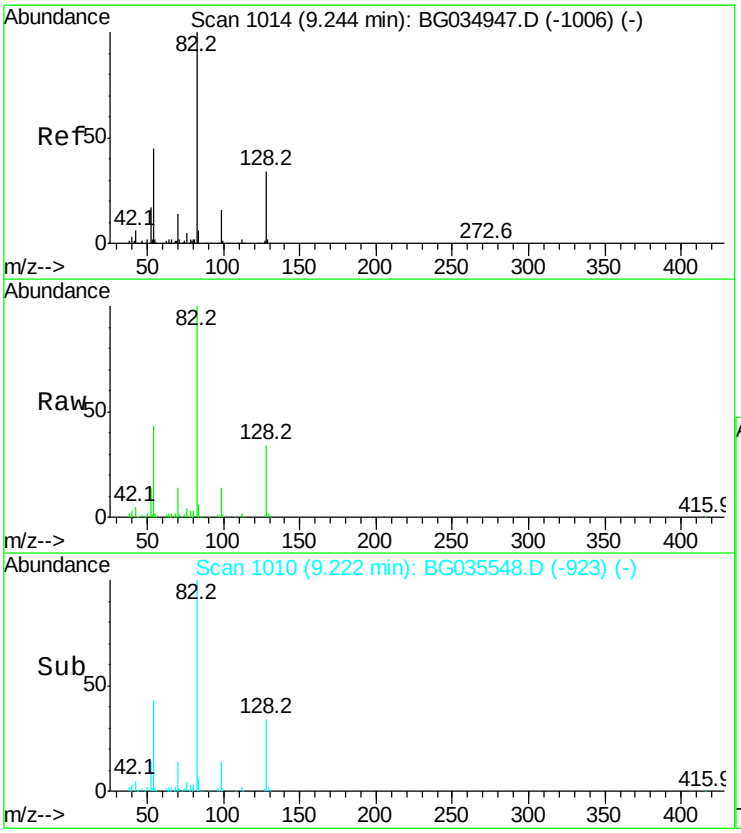
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035548.D
Acq: 30 Jun 2018 18:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 115657

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.2	10.3	15.5#
68	5.9	4.5	6.7

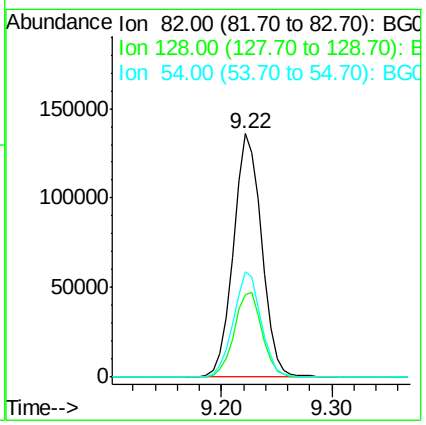


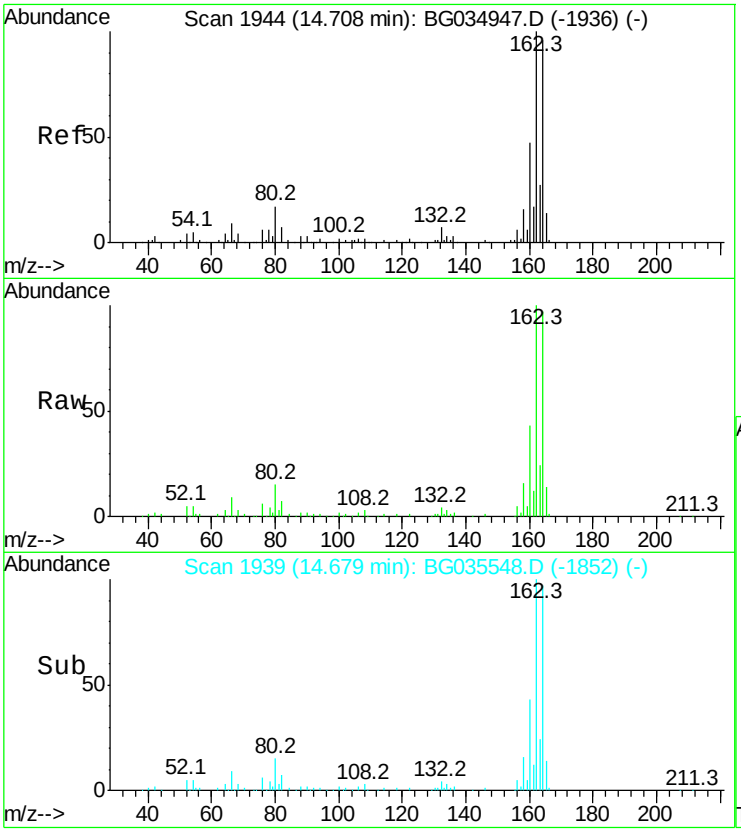


#23
Nitrobenzene-d5
Concen: 100.651 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035548.D
Acq: 30 Jun 2018 18:43

Tgt Ion: 82 Resp: 244897

Ion	Ratio	Lower	Upper
82	100		
128	33.6	29.7	44.5
54	43.5	43.1	64.7



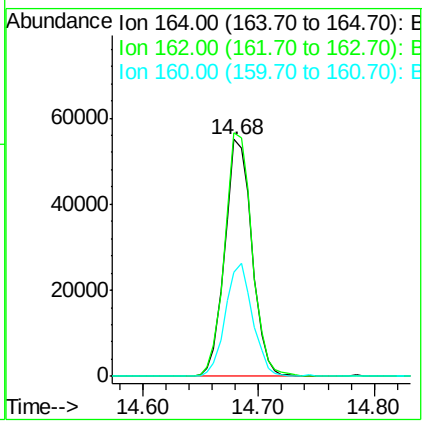


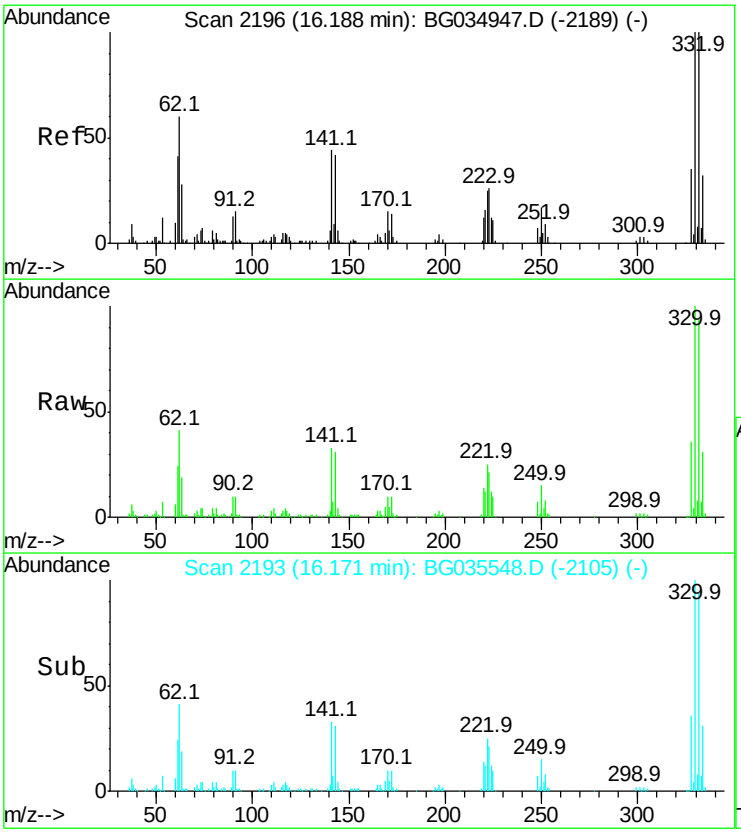
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035548.D
Acq: 30 Jun 2018 18:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 89469

Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.8	118.2
160	43.8	35.4	53.0

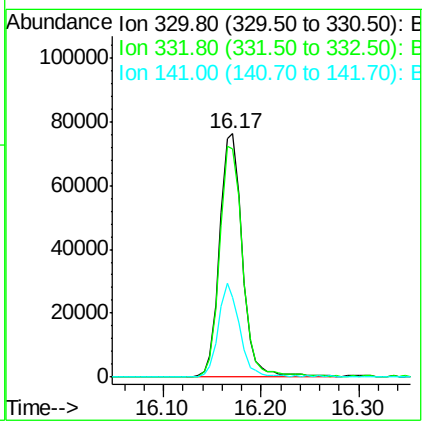


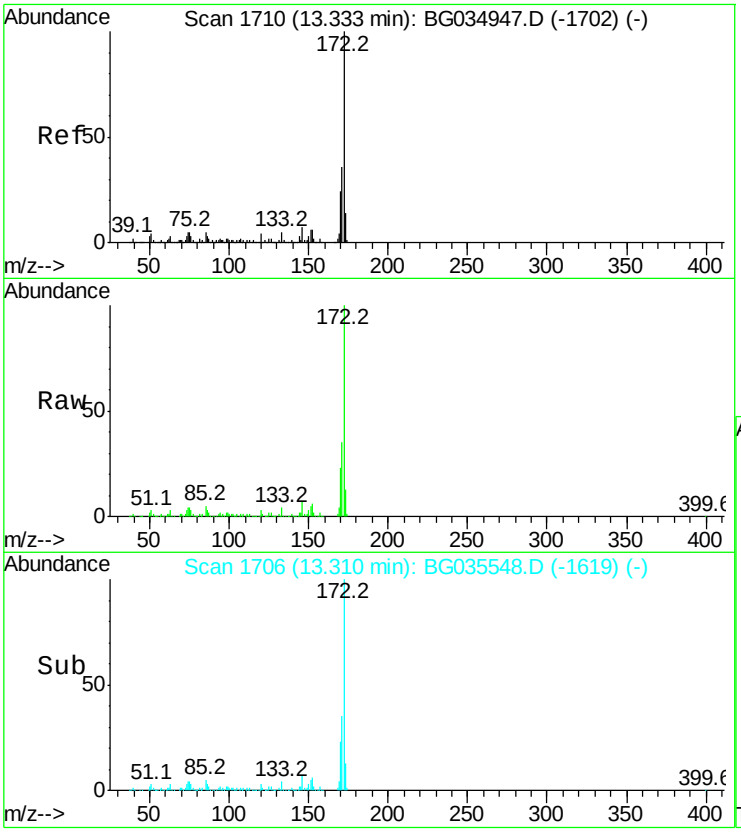


#41
2,4,6-Tribromophenol
Concen: 107.667 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035548.D
Acq: 30 Jun 2018 18:43

Tgt Ion:330 Resp: 123313

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	35.7	25.2	37.8



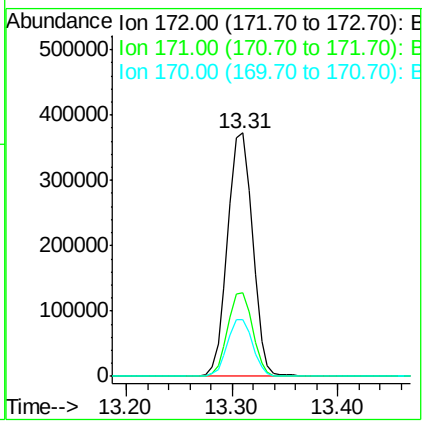


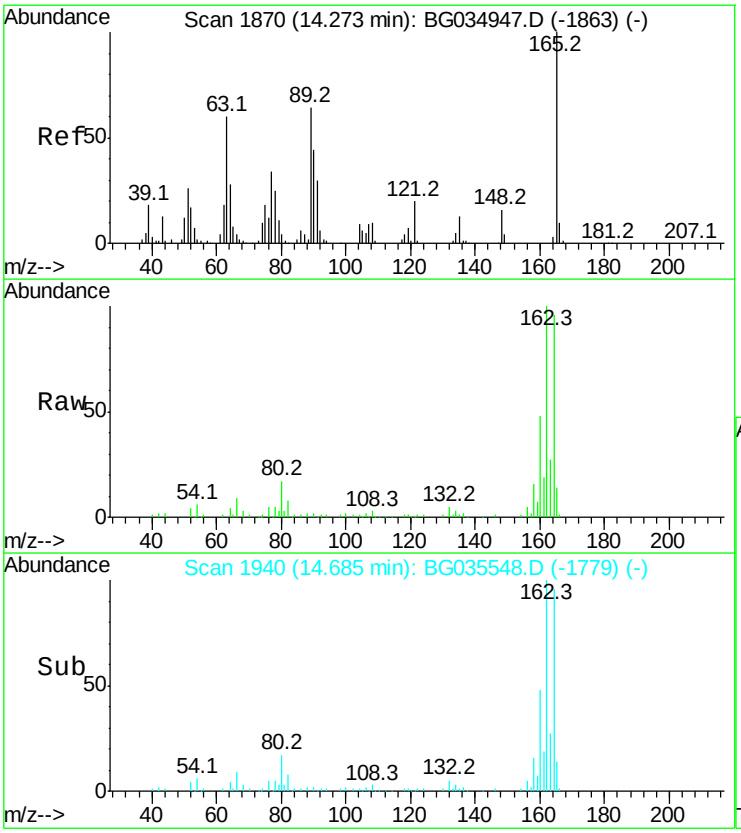
#44
2-Fluorobiphenyl
Concen: 88.462 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035548.D
Acq: 30 Jun 2018 18:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 608815

Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	23.2	19.5	29.3

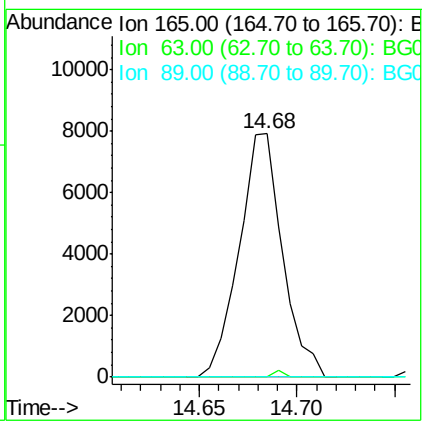


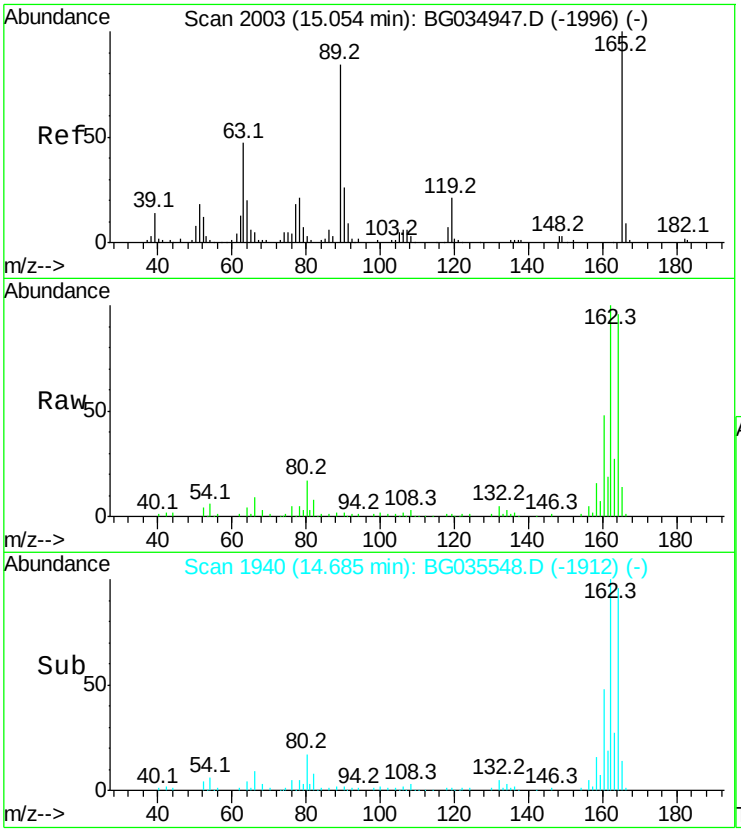


#50
2,6-Dinitrotoluene
Concen: 8.528 ng
RT: 14.68 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG035548.D
Acq: 30 Jun 2018 18:43

Tgt Ion:165 Resp: 12138

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



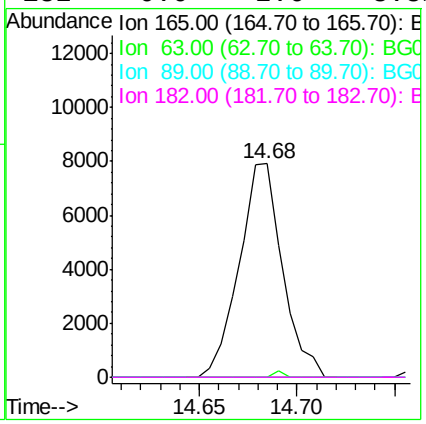


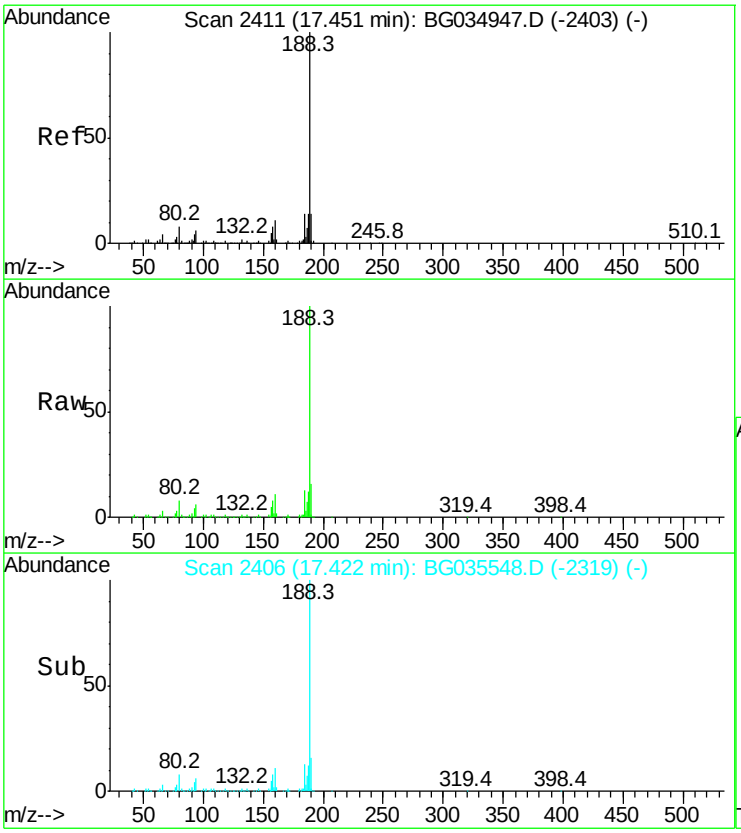
#56
2,4-Dinitrotoluene
Concen: 6.420 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG035548.D
Acq: 30 Jun 2018 18:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 12138

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#

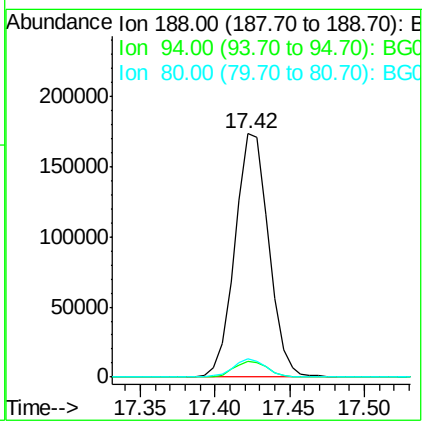


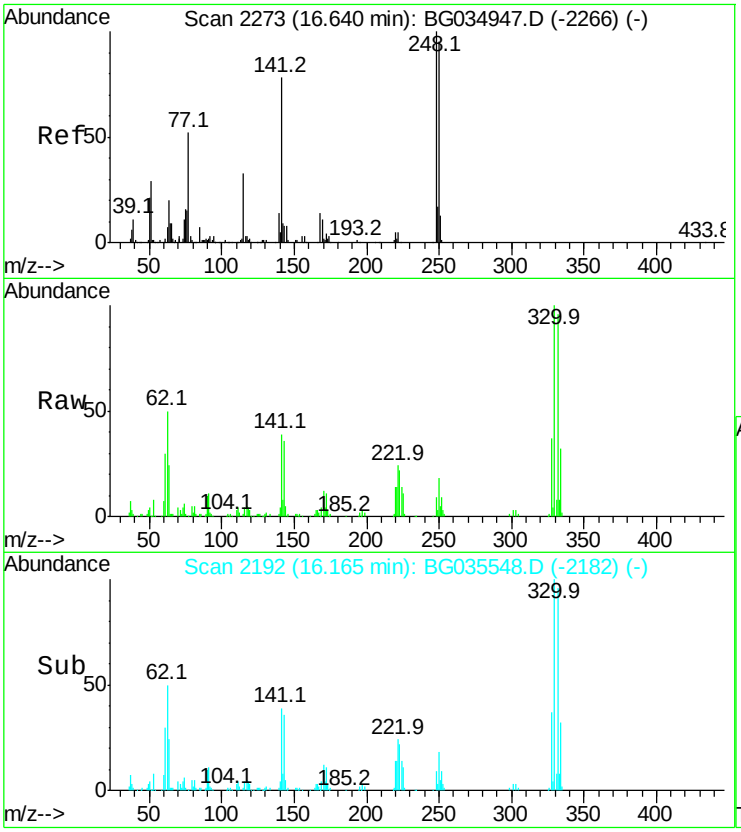


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035548.D
Acq: 30 Jun 2018 18:43

Tgt Ion:188 Resp: 272890

Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.6	7.7	11.5#



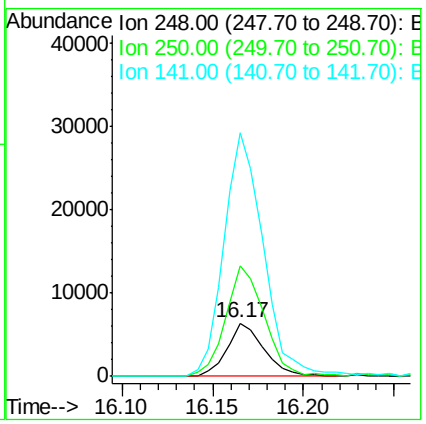


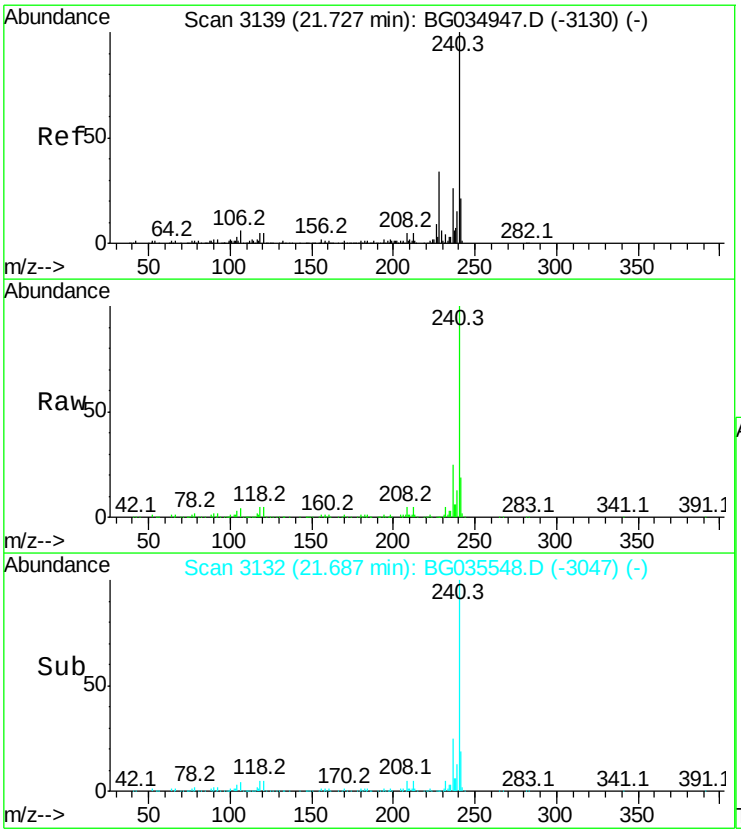
#66
4-Bromophenyl-phenylether
Concen: 2.738 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035548.D
Acq: 30 Jun 2018 18:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 8997

Ion	Ratio	Lower	Upper
248	100		
250	207.6	77.1	115.7#
141	459.3	50.8	76.2#

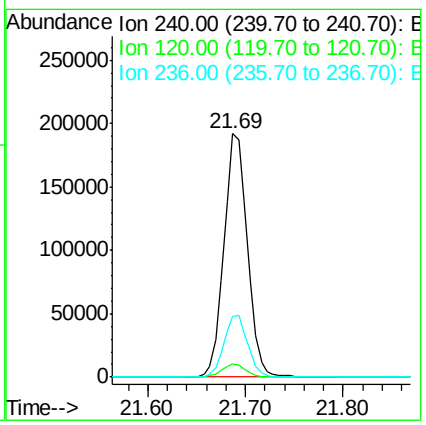


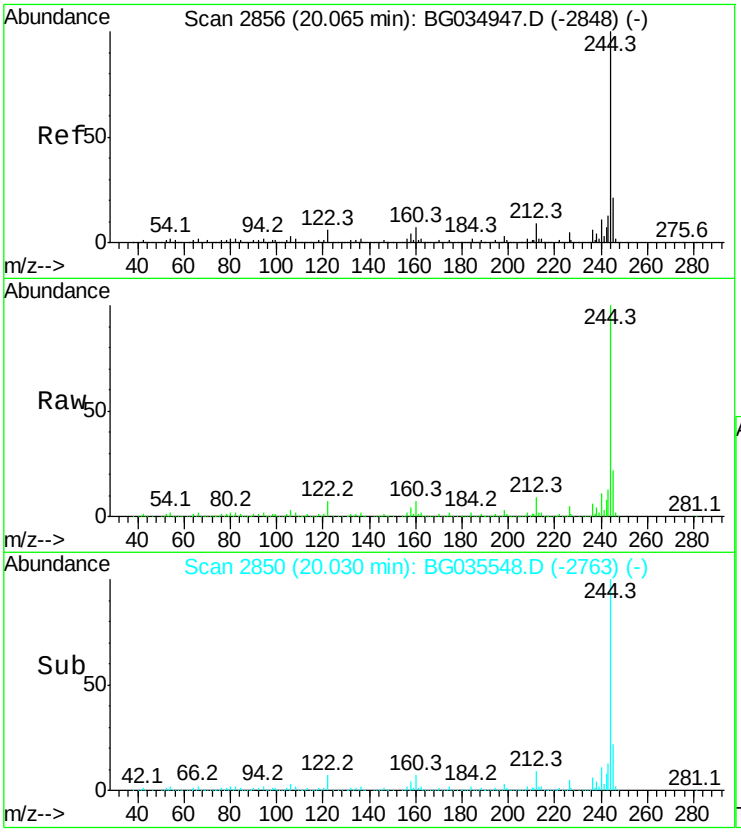


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035548.D
Acq: 30 Jun 2018 18:43

Tgt Ion:240 Resp: 318952

Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.8	10.2#
236	25.0	20.9	31.3



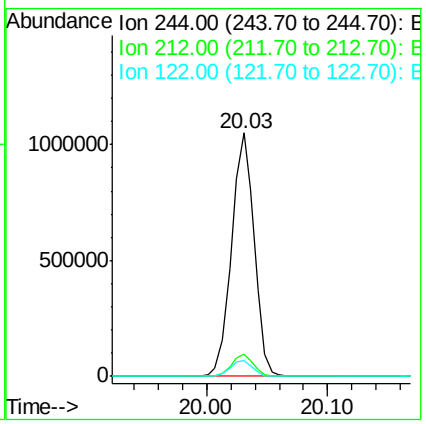


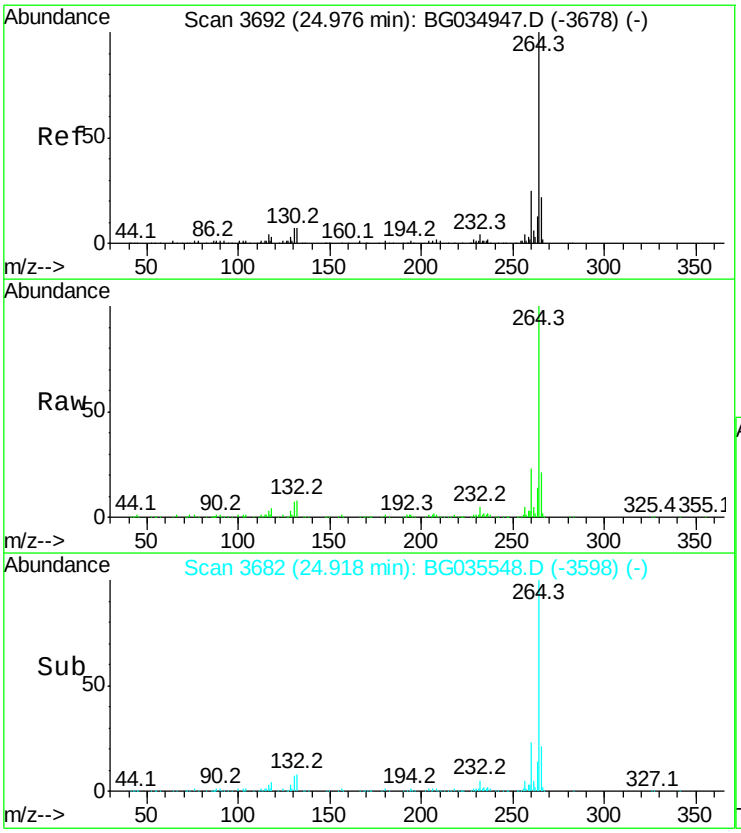
#78
Terphenyl-d14
Concen: 89.622 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035548.D
Acq: 30 Jun 2018 18:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1364657

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	6.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.04 min
Lab File: BG035548.D
Acq: 30 Jun 2018 18:43

Tgt Ion:264 Resp: 301345

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.2	17.7	26.5