Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040436.D
Acq On : 11 Apr 2019 6:25
Operator : JU/SJ
Sample : PB118790BL
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 11 07:04:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	71158	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	271763	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	166328	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	439037	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	441197	20.00	ng	-0.04
87) Perylene-d12	24.97	264	431928	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	493249	115.23	ng	-0.02
7) Phenol-d6	7.21	99	666116	112.60	ng	-0.02
23) Nitrobenzene-d5	9.22	82	390932	76.46	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	229542	127.70	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	893960	79.64	ng	-0.02
79) Terphenyl-d14	20.02	244	1440404	73.45	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	47961	11.308	ng	# 76
51) 2,6-Dinitrotoluene	14.68	165	20939	7.164	ng	# 26
57) 2,4-Dinitrotoluene	14.68	165	20939	5.156	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	17535	3.549	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
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Acq On : 11 Apr 2019 6:25
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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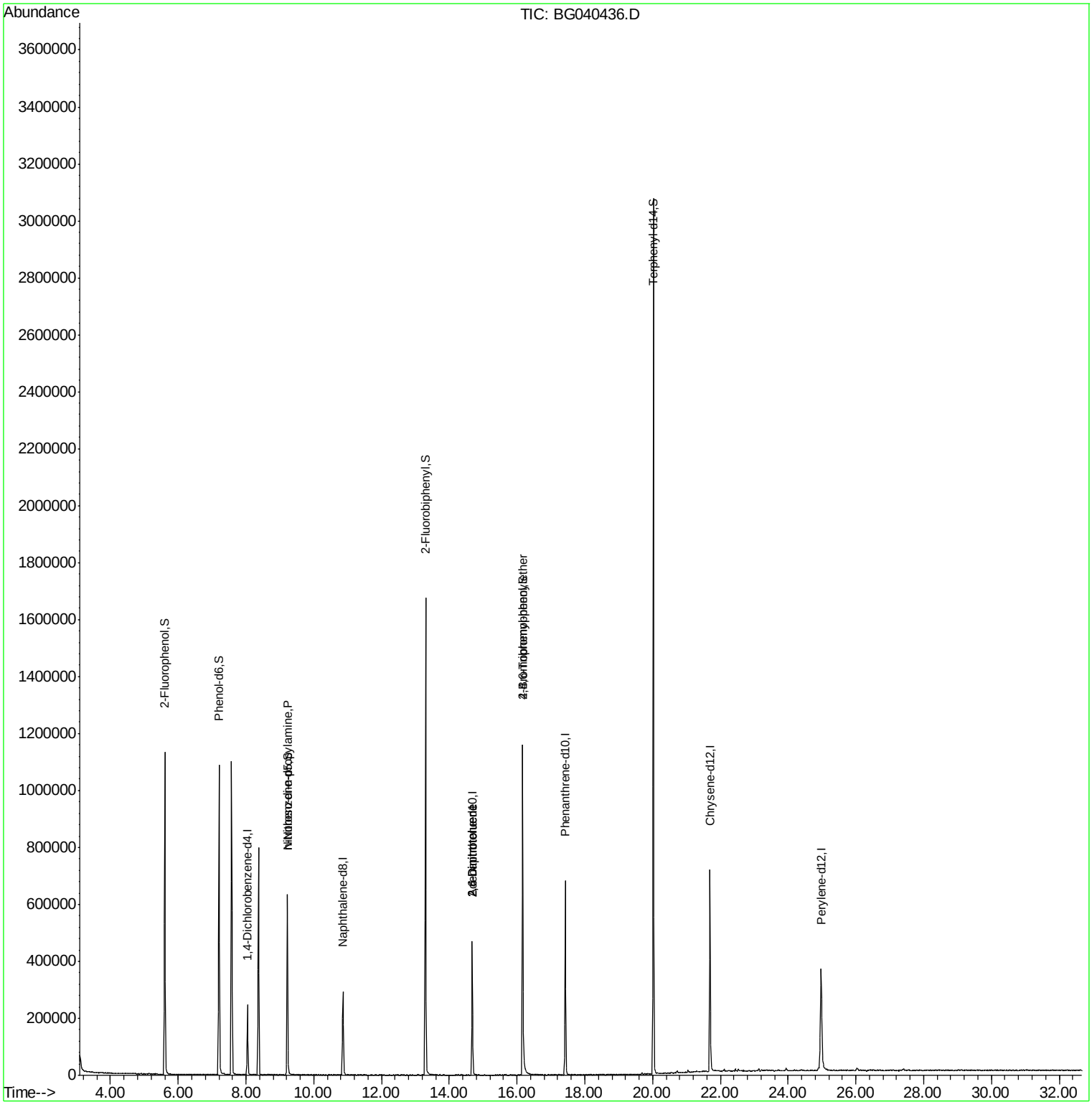
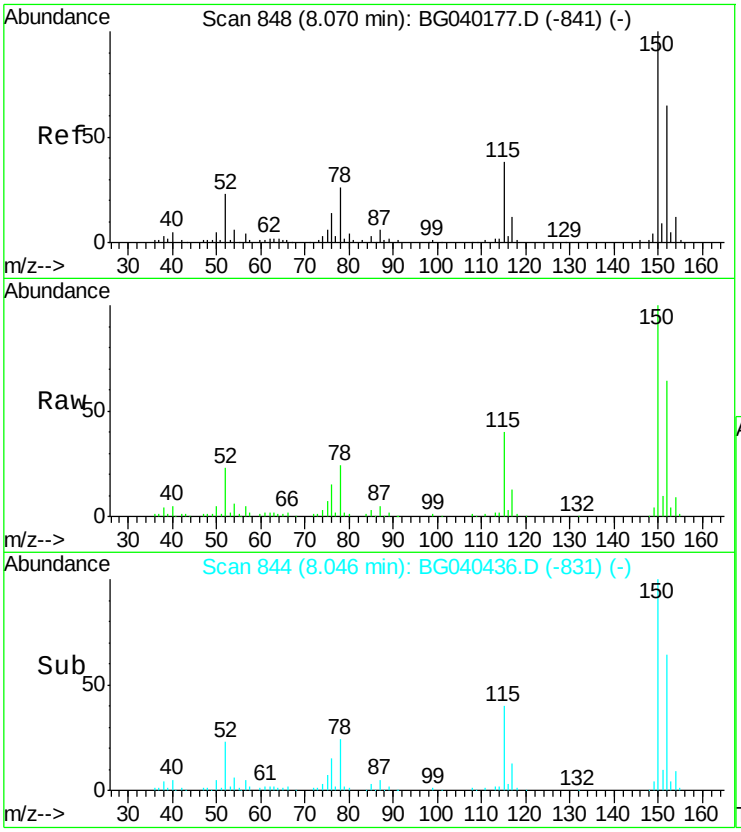
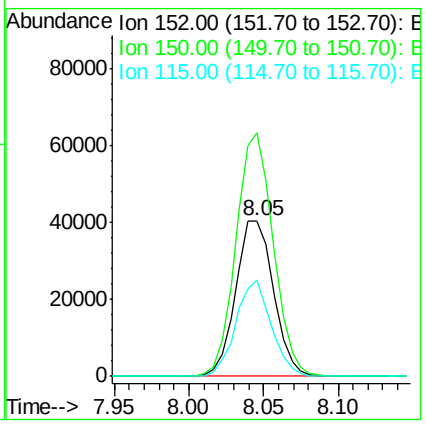




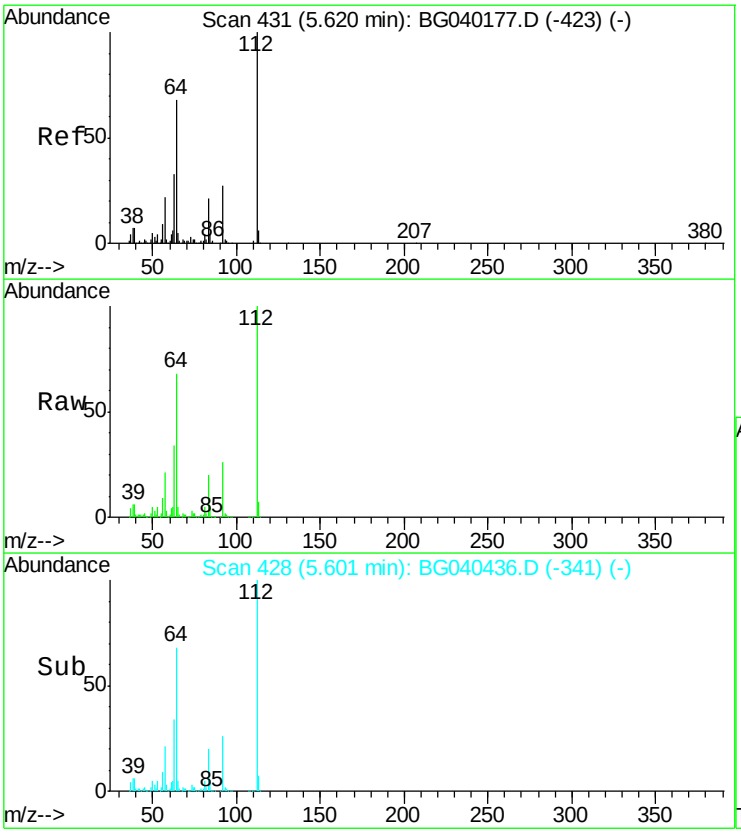
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Tgt Ion:152 Resp: 71158

Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.7	185.5
115	61.9	46.9	70.3



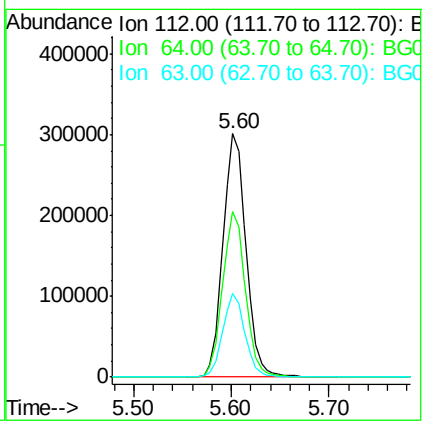
Instrument :
BNA_G
ClientSampleId :

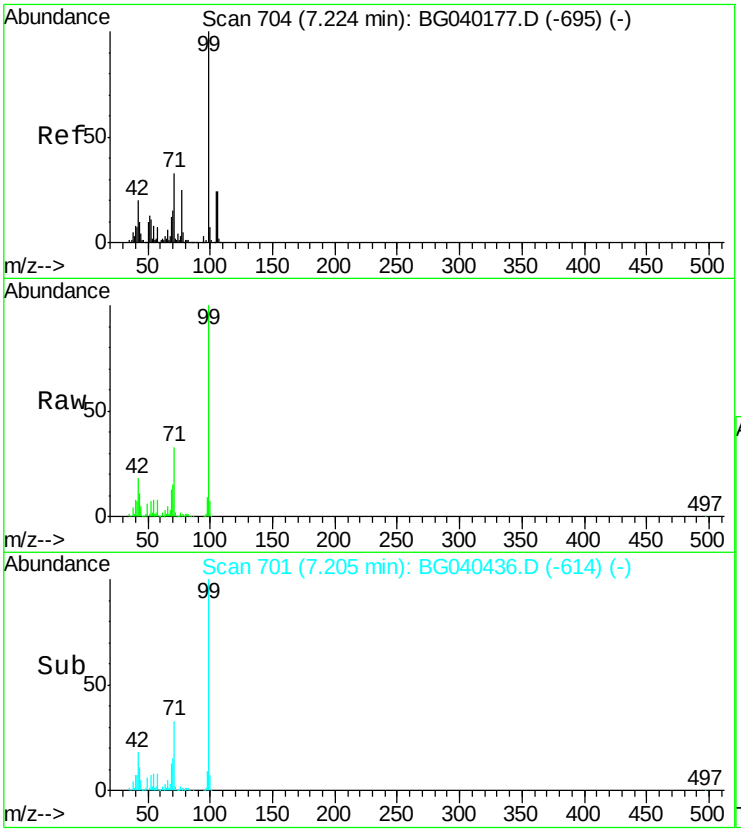


#5
2-Fluorophenol
Concen: 115.234 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Tgt Ion:112 Resp: 493249

Ion	Ratio	Lower	Upper
112	100		
64	68.0	54.2	81.2
63	34.3	26.4	39.6



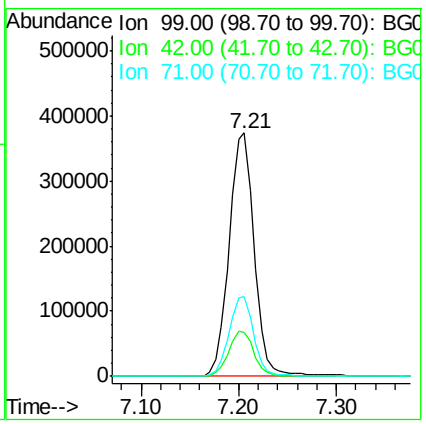


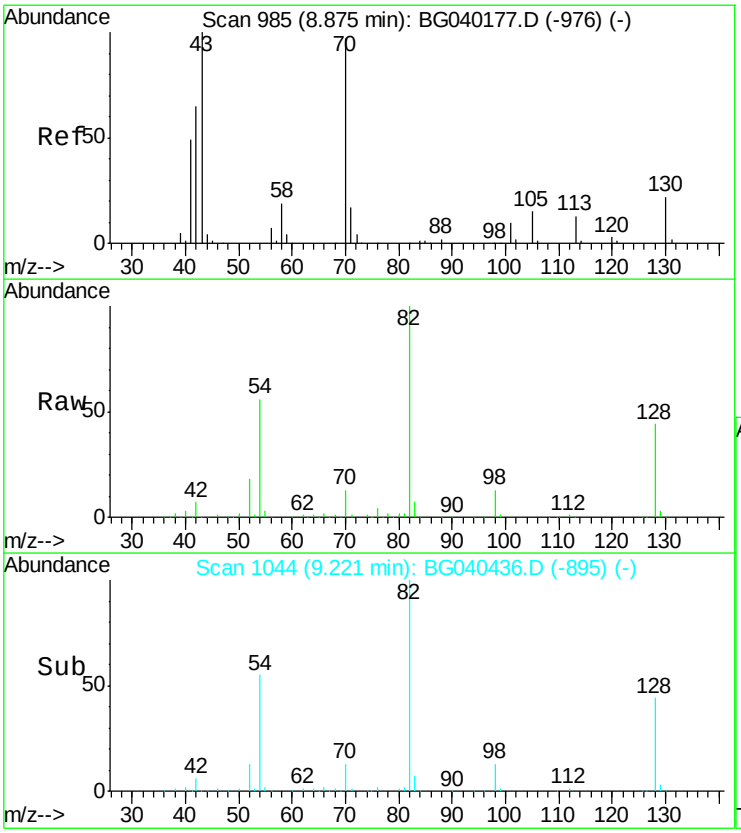
#7
Phenol-d6
Concen: 112.603 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.02 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 666116

Ion	Ratio	Lower	Upper
99	100		
42	18.3	16.2	24.2
71	32.6	26.8	40.2

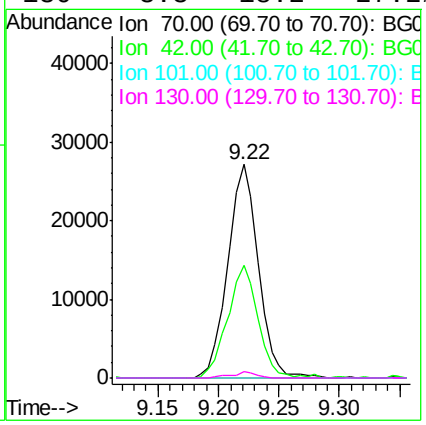


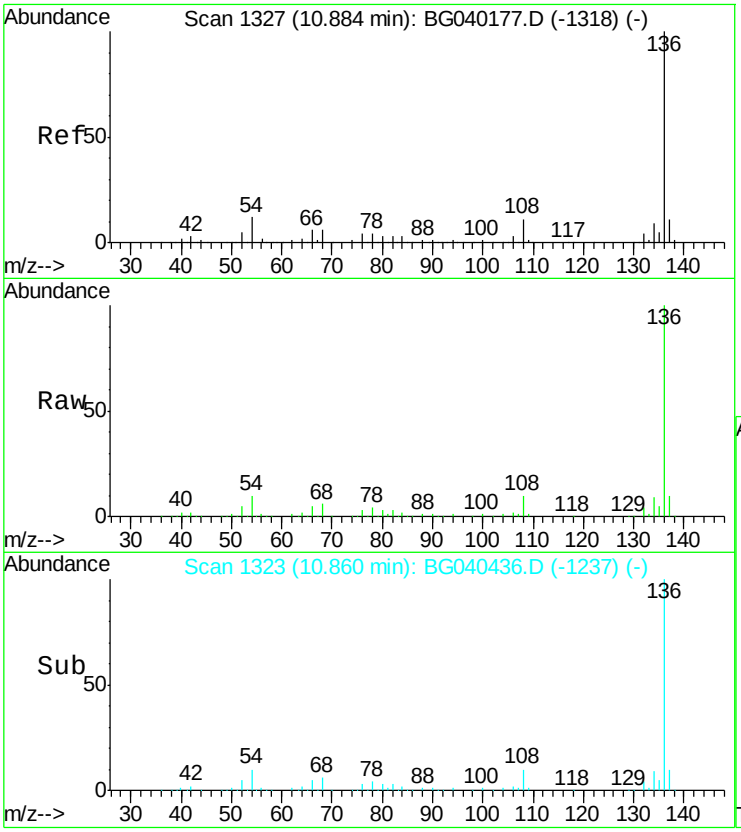


#19
n-Nitroso-di-n-propylamine
Concen: 11.308 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.35 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Tgt Ion: 70 Resp: 47961

Ion	Ratio	Lower	Upper
70	100		
42	52.9	54.0	81.0#
101	0.0	8.6	13.0#
130	3.3	18.2	27.2#



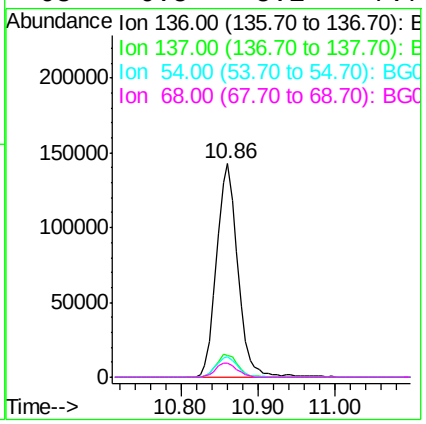


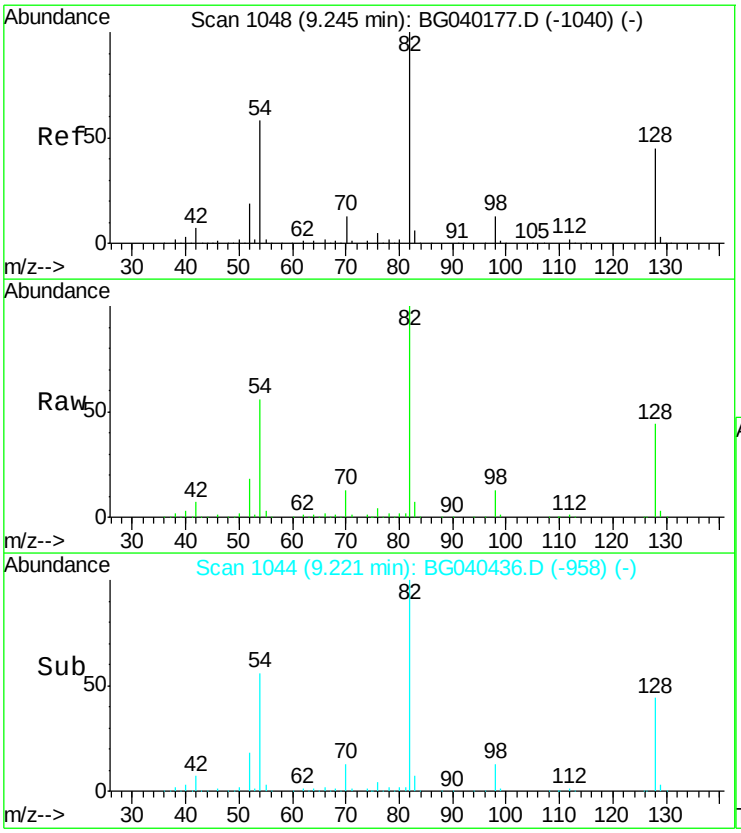
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 271763

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	9.9	9.6	14.4
68	6.5	5.1	7.7

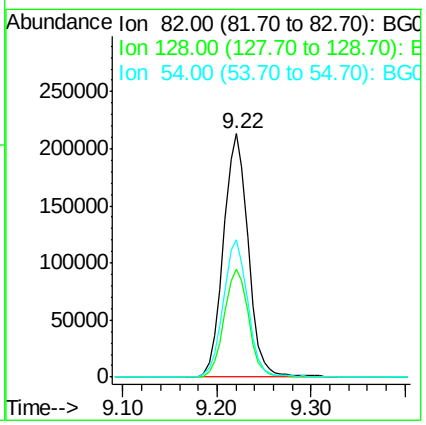


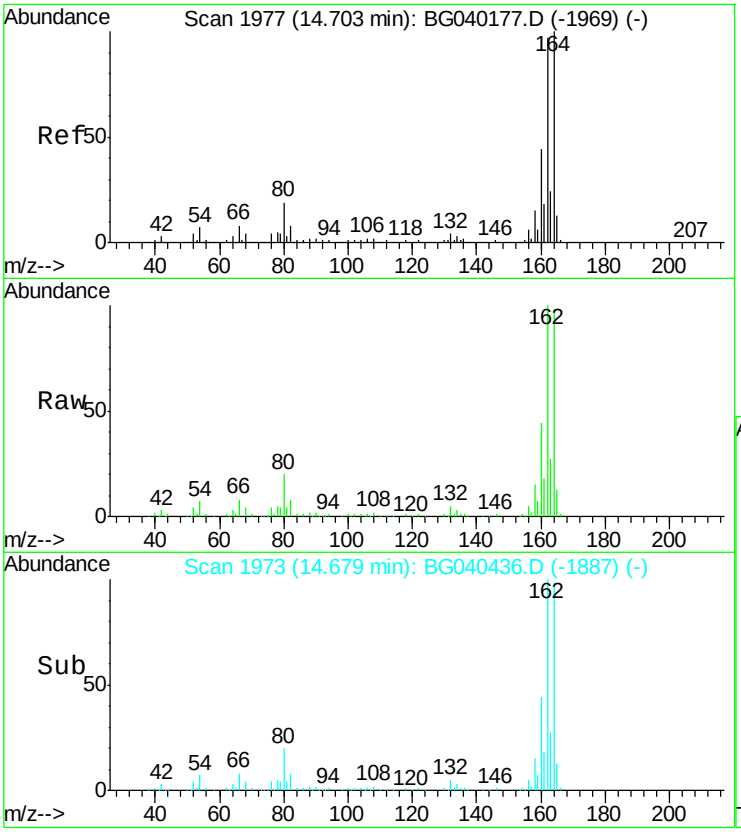


#23
Nitrobenzene-d5
Concen: 76.461 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Tgt Ion: 82 Resp: 390932

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.8	53.8
54	56.2	46.2	69.2



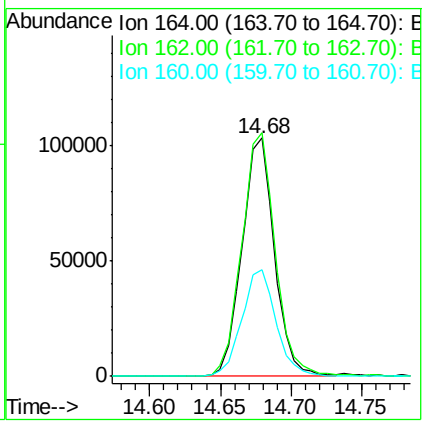


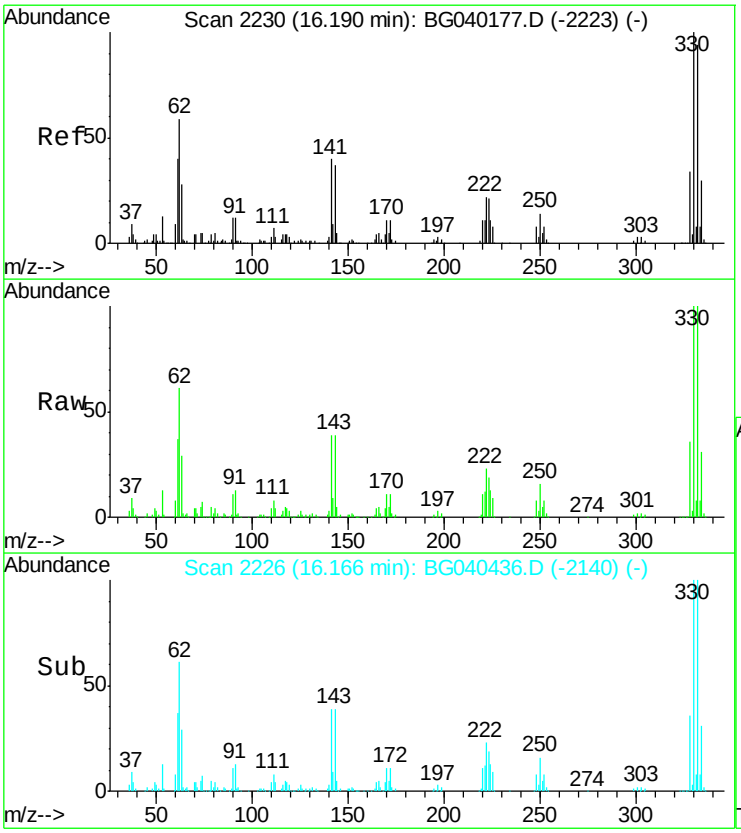
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 166328

Ion	Ratio	Lower	Upper
164	100		
162	102.2	77.4	116.2
160	45.0	35.3	52.9

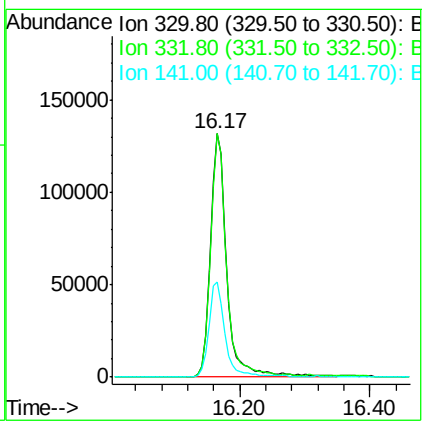


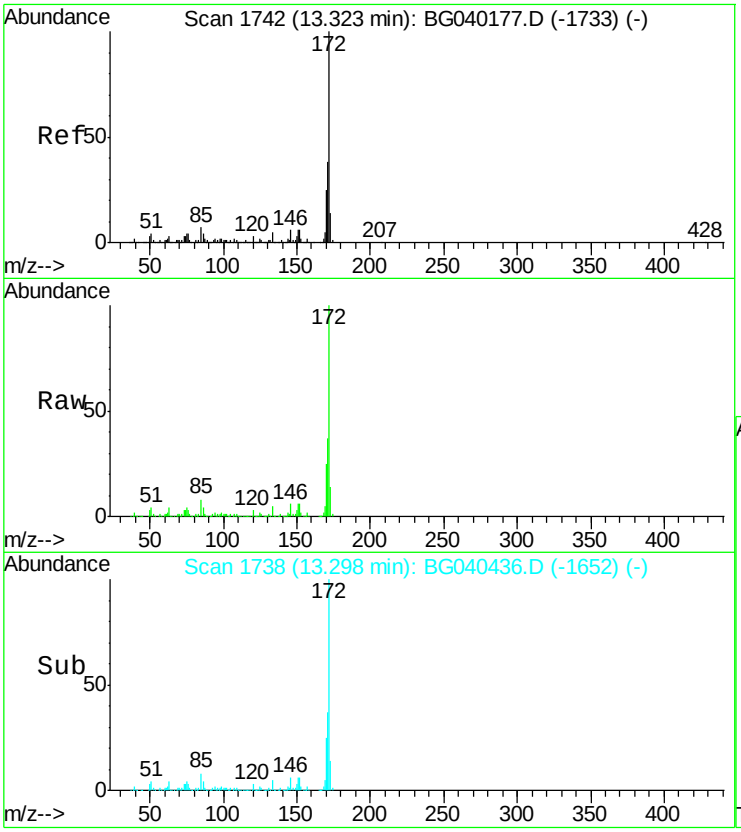


#42
2,4,6-Tribromophenol
Concen: 127.696 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Tgt Ion:330 Resp: 229542

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	38.1	32.6	48.8



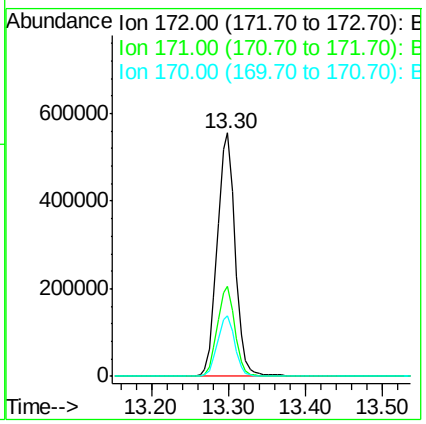


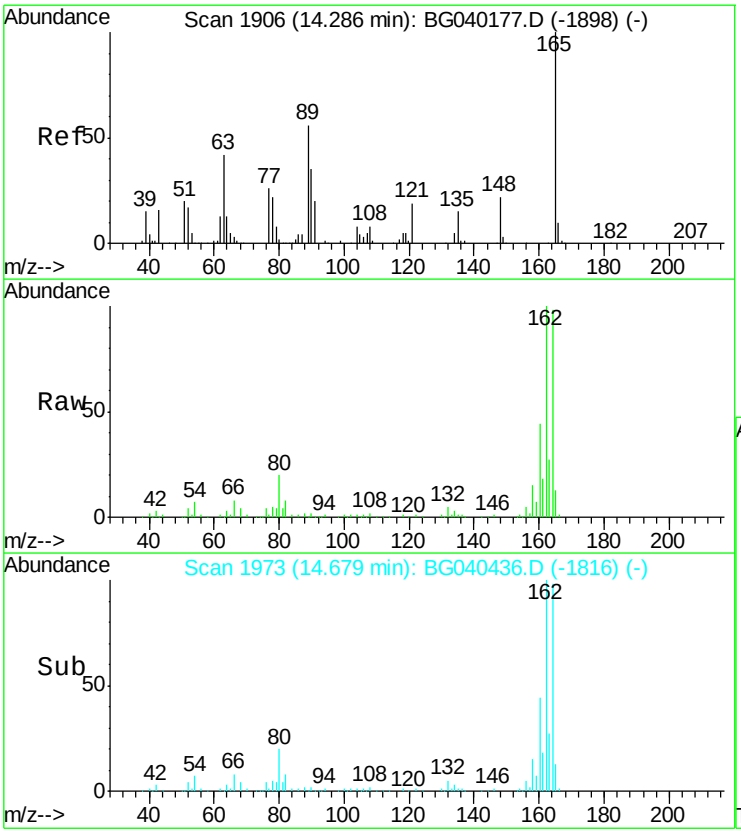
#45
2-Fluorobiphenyl
Concen: 79.640 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 893960

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.5	45.7
170	25.1	20.1	30.1

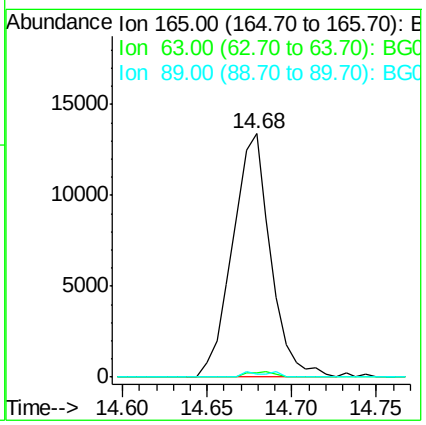


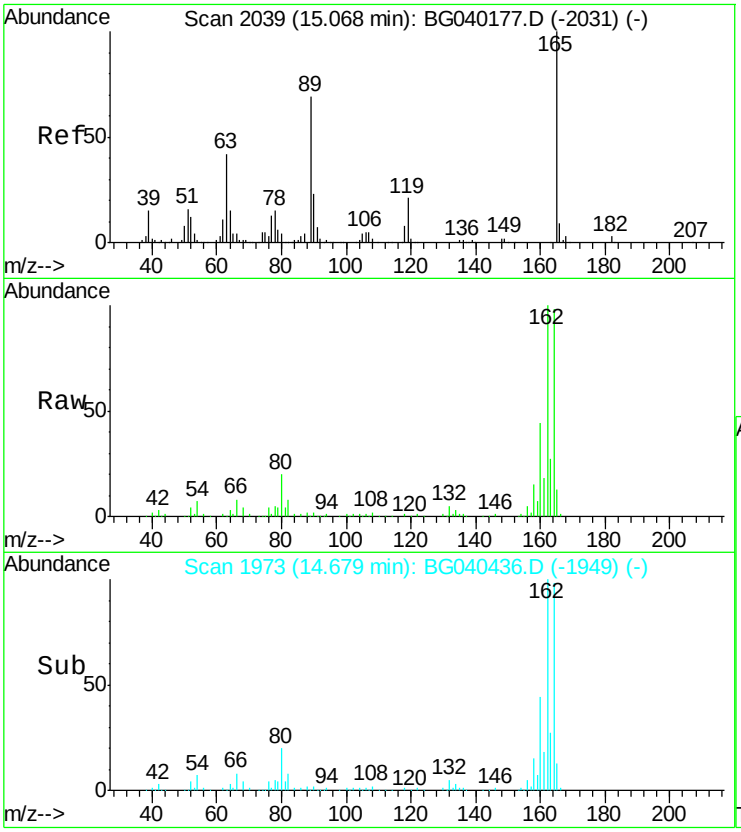


#51
2,6-Dinitrotoluene
Concen: 7.164 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.39 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Tgt Ion:165 Resp: 20939

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.1	66.1#
89	1.4	44.9	67.3#



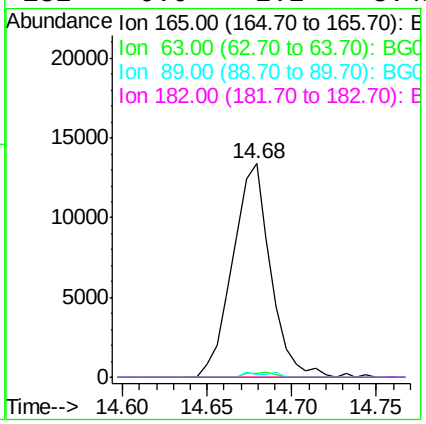


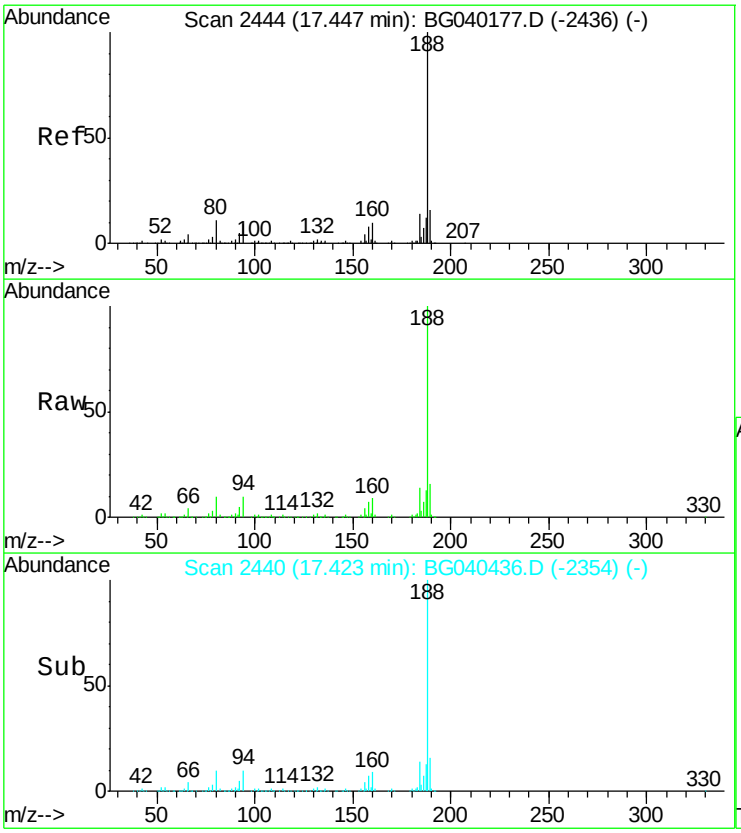
#57
2,4-Dinitrotoluene
Concen: 5.156 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.39 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20939

Ion	Ratio	Lower	Upper
165	100		
63	1.8	33.8	50.6#
89	1.4	55.4	83.2#
182	0.0	2.2	3.4#

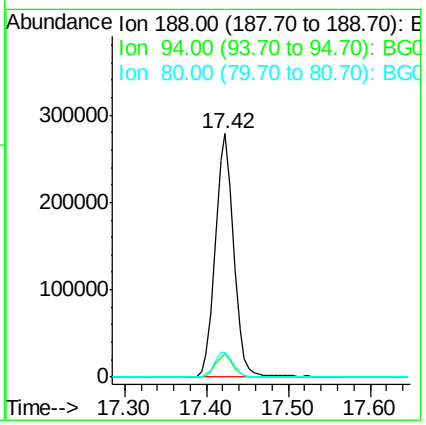


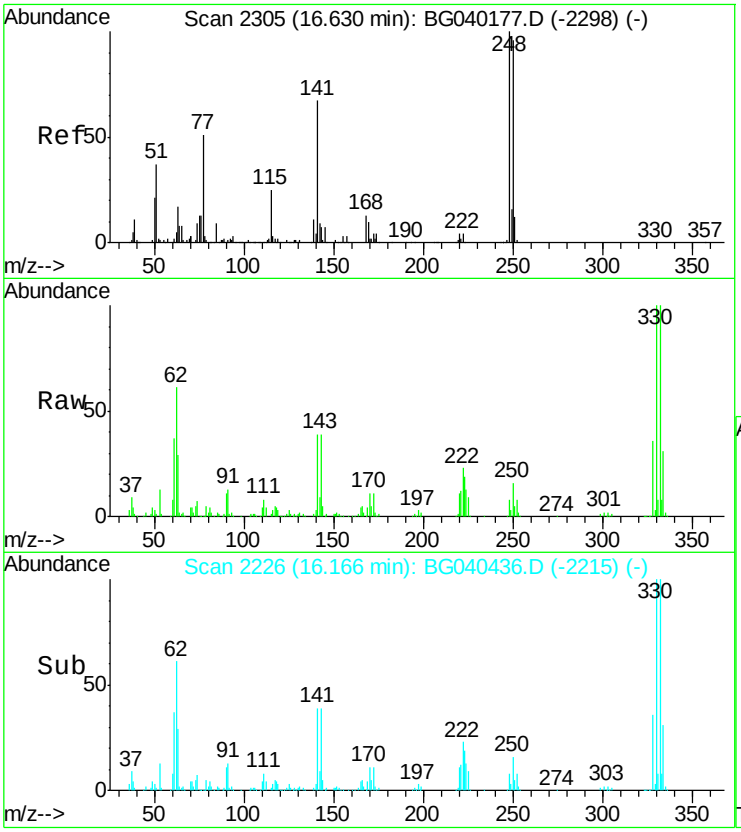


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Tgt Ion:188 Resp: 439037

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.4
80	9.9	8.6	13.0



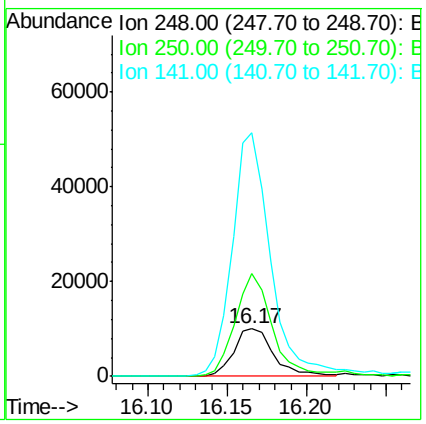


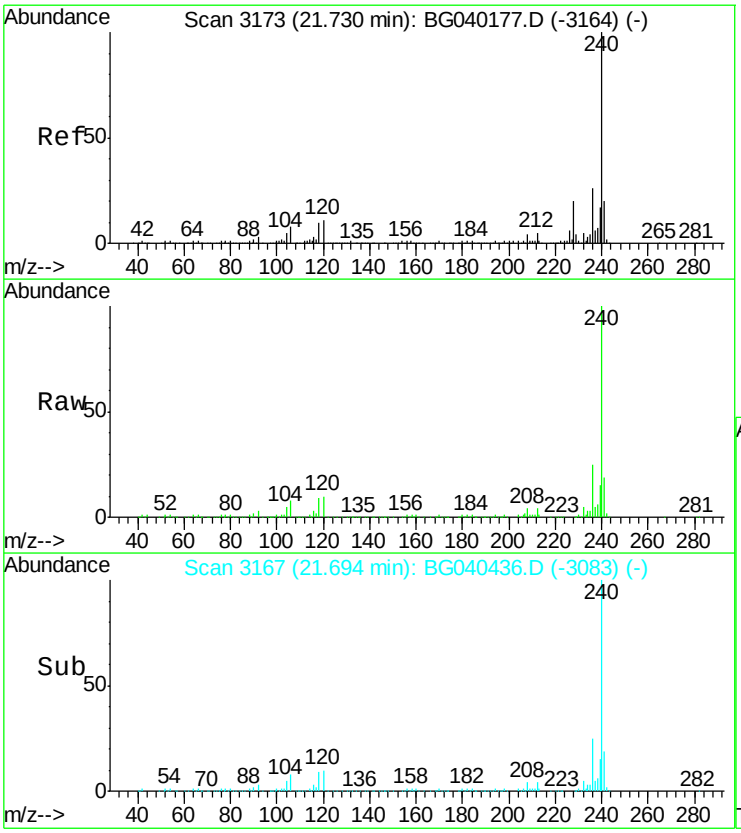
#67
4-Bromophenyl-phenylether
Concen: 3.549 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 17535

Ion	Ratio	Lower	Upper
248	100		
250	214.3	76.4	114.6#
141	510.1	53.8	80.8#

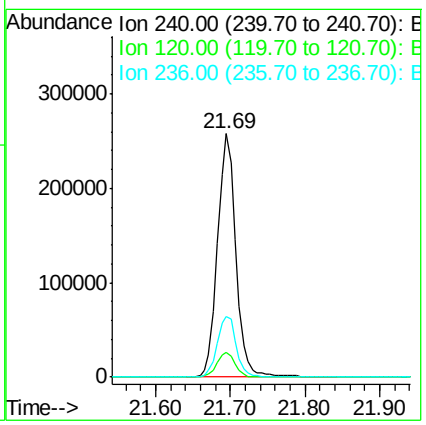


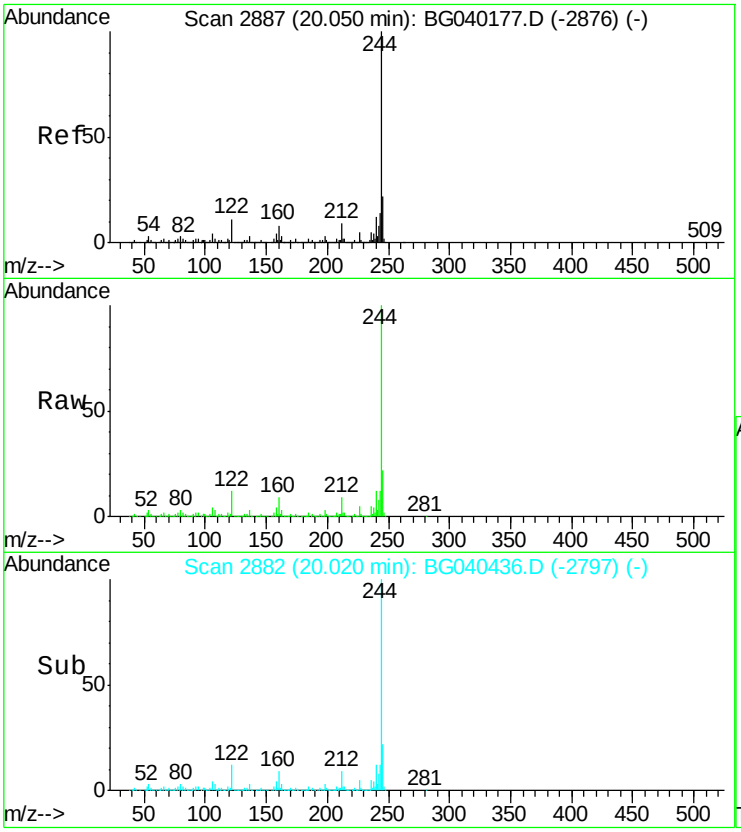


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Tgt Ion:240 Resp: 441197

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	25.1	20.8	31.2



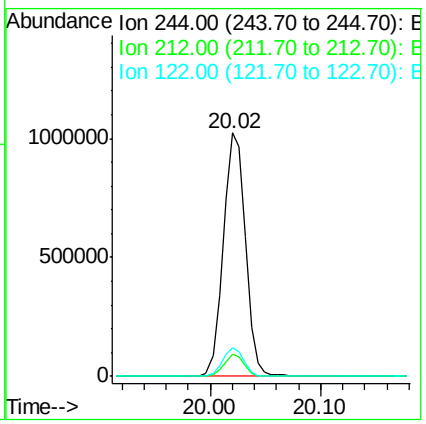


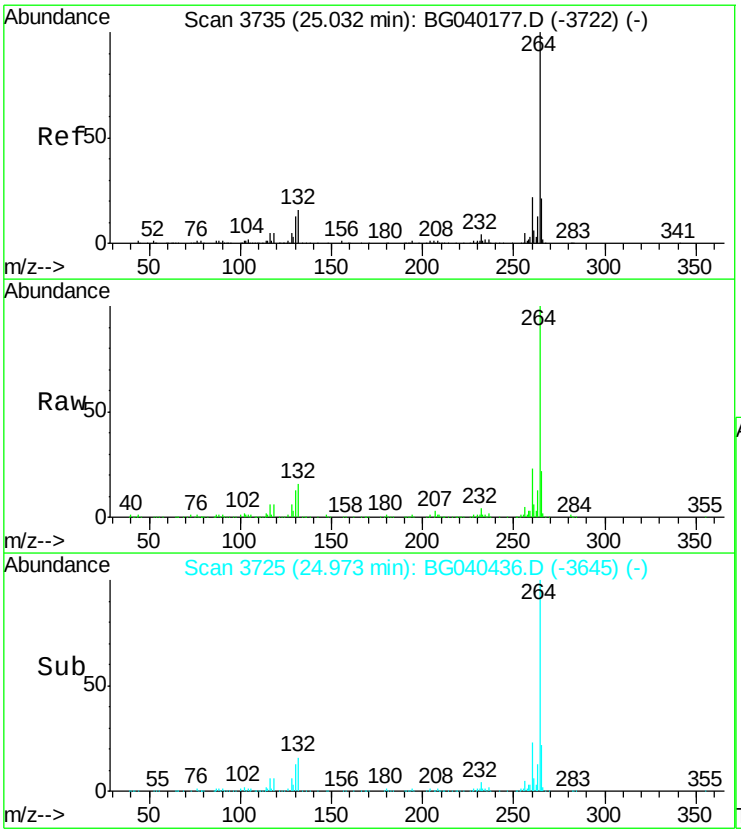
#79
Terphenyl-d14
Concen: 73.446 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.03 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1440404

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	12.0	8.5	12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Tgt Ion:264 Resp: 431928

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.9	26.9
265	22.2	16.8	25.2