Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040251.D
Acq On : 30 Mar 2019 7:55
Operator : JU/SJ
Sample : K2121-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FIELD-BLANK

Quant Time: Apr 01 02:06:37 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	56438	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	240157	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	165117	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	425218	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	433672	20.00	ng	-0.02
87) Perylene-d12	25.01	264	430187	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	201075	59.23	ng	-0.01
7) Phenol-d6	7.21	99	172322	36.73	ng	-0.02
23) Nitrobenzene-d5	9.23	82	403391	89.28	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	265836	148.97	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	974375	87.44	ng	-0.01
79) Terphenyl-d14	20.04	244	1600591	83.03	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.23	70	49419	14.691	ng	# 72
51) 2,6-Dinitrotoluene	14.69	165	22663	7.810	ng	# 25
57) 2,4-Dinitrotoluene	14.69	165	22663	5.621	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	20071	4.194	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 30 Mar 2019 7:55
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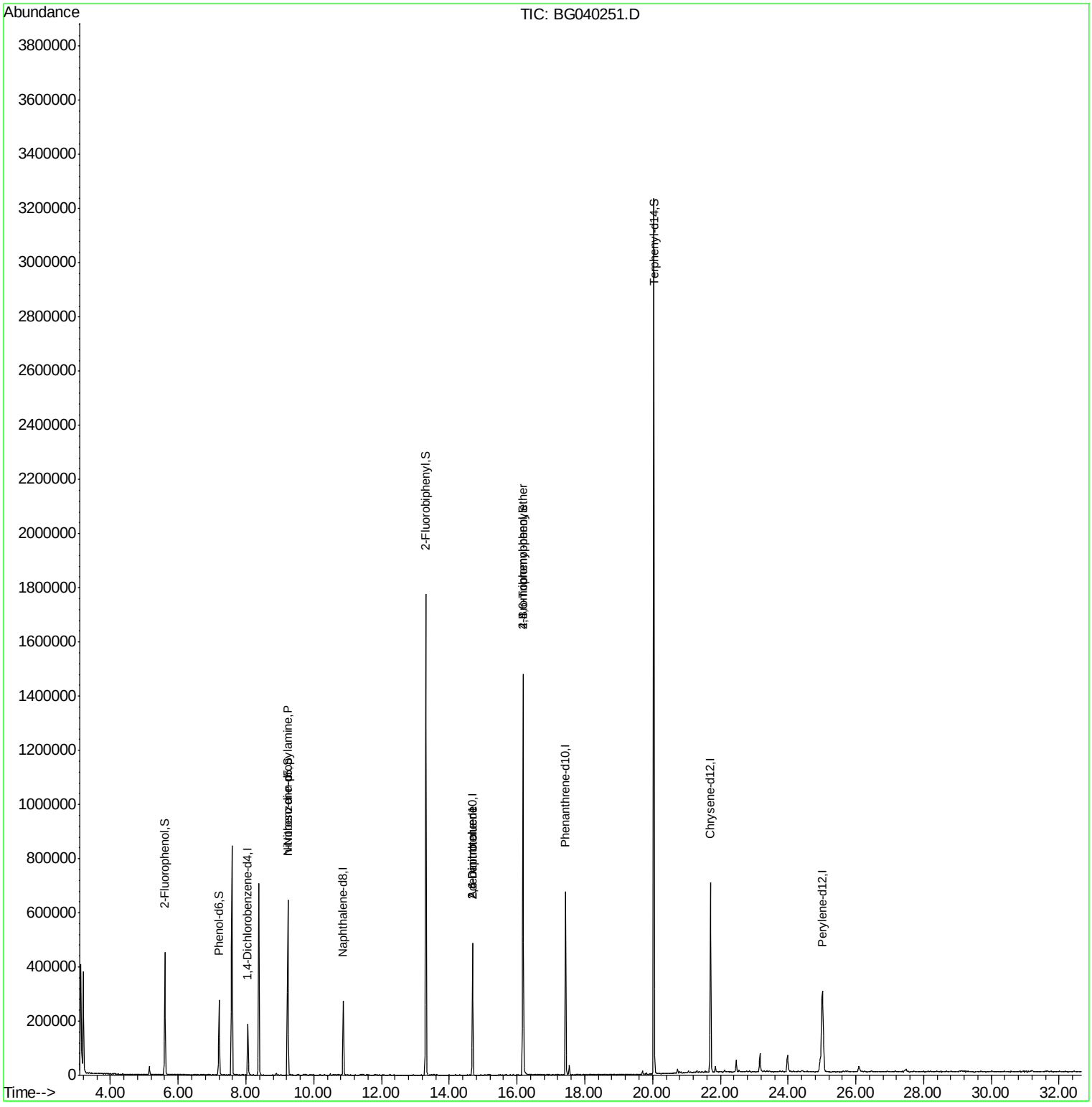
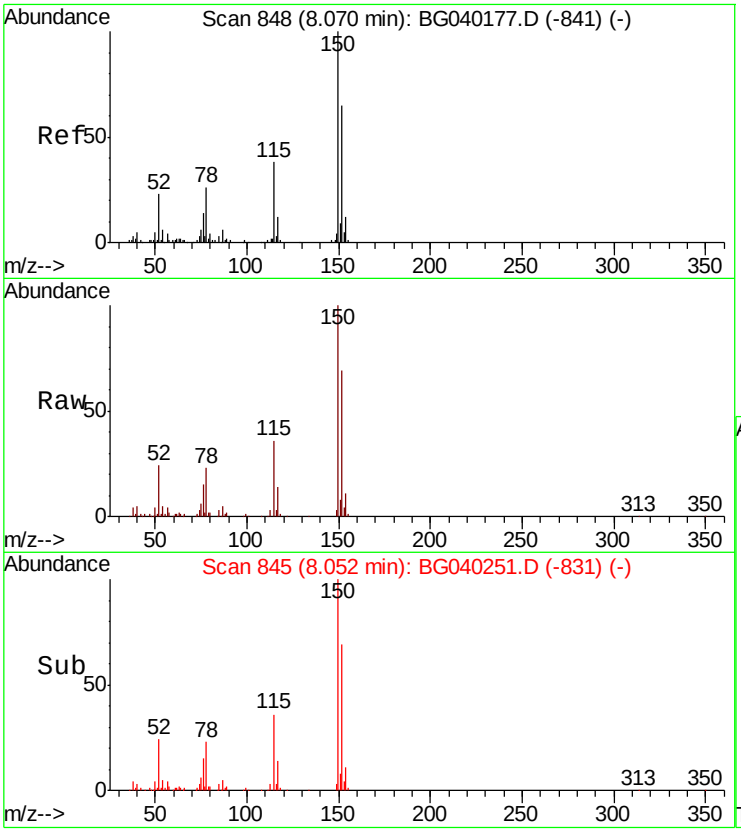


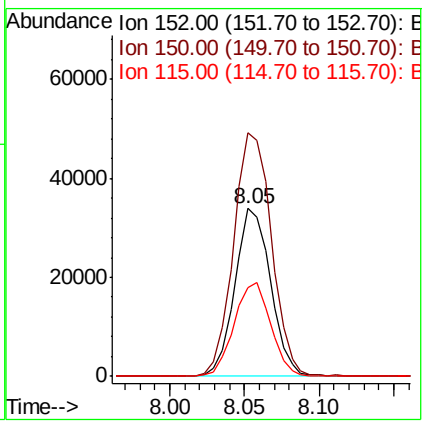


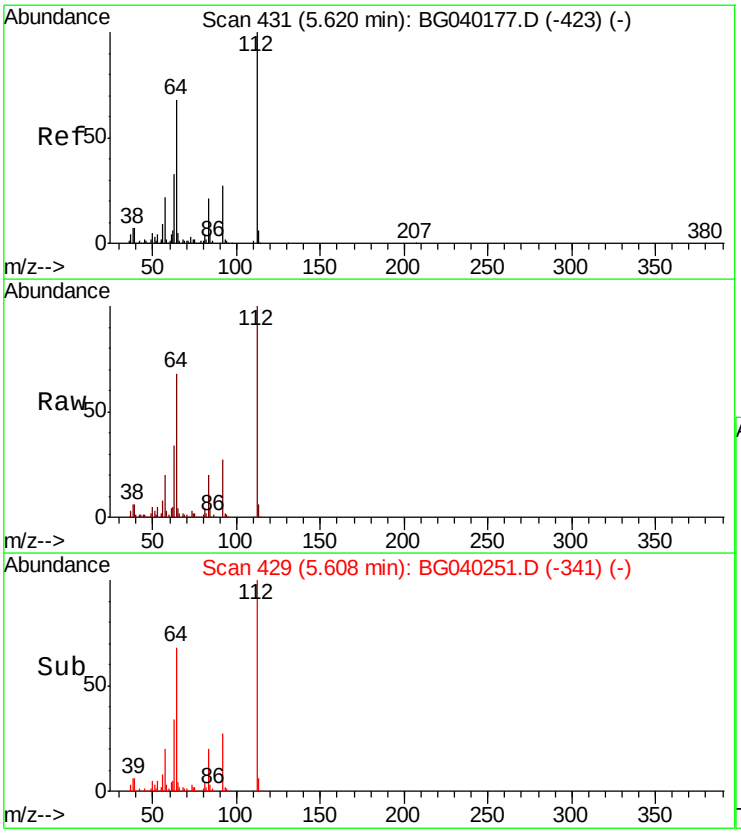
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040251.D
Acq: 30 Mar 2019 7:55

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tgt Ion:152 Resp: 56438

Ion	Ratio	Lower	Upper
152	100		
150	145.0	123.7	185.5
115	52.6	46.9	70.3

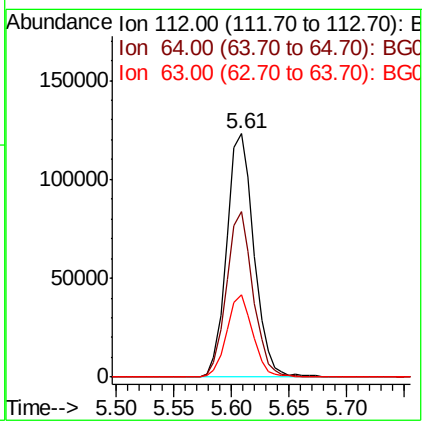


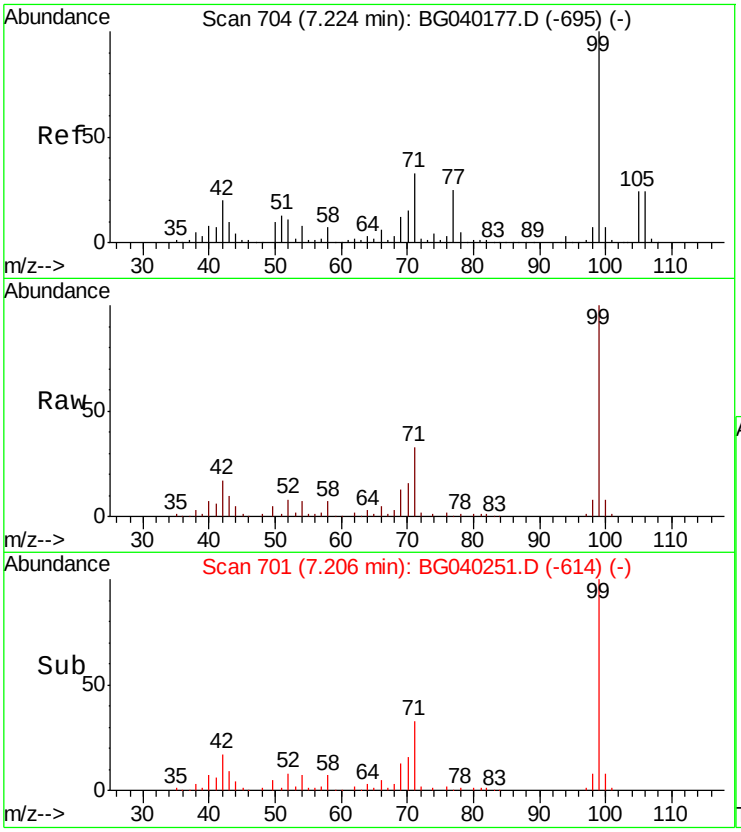


#5
2-Fluorophenol
Concen: 59.228 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040251.D
Acq: 30 Mar 2019 7:55

Tgt Ion:112 Resp: 201075

Ion	Ratio	Lower	Upper
112	100		
64	68.1	54.2	81.2
63	33.8	26.4	39.6



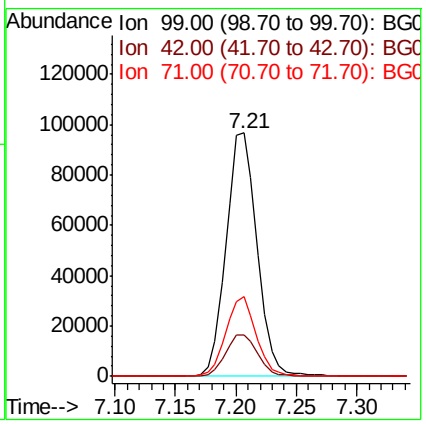


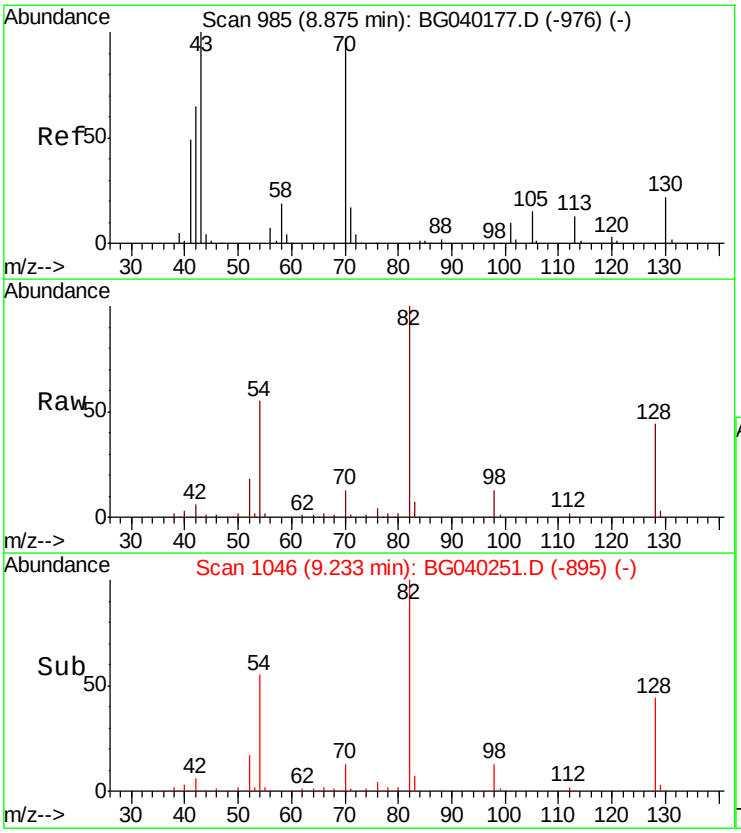
#7
Phenol-d6
Concen: 36.728 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.02 min
Lab File: BG040251.D
Acq: 30 Mar 2019 7:55

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tgt Ion: 99 Resp: 172322

Ion	Ratio	Lower	Upper
99	100		
42	16.8	16.2	24.2
71	32.6	26.8	40.2

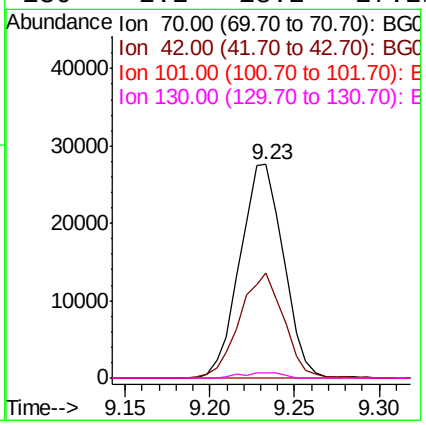


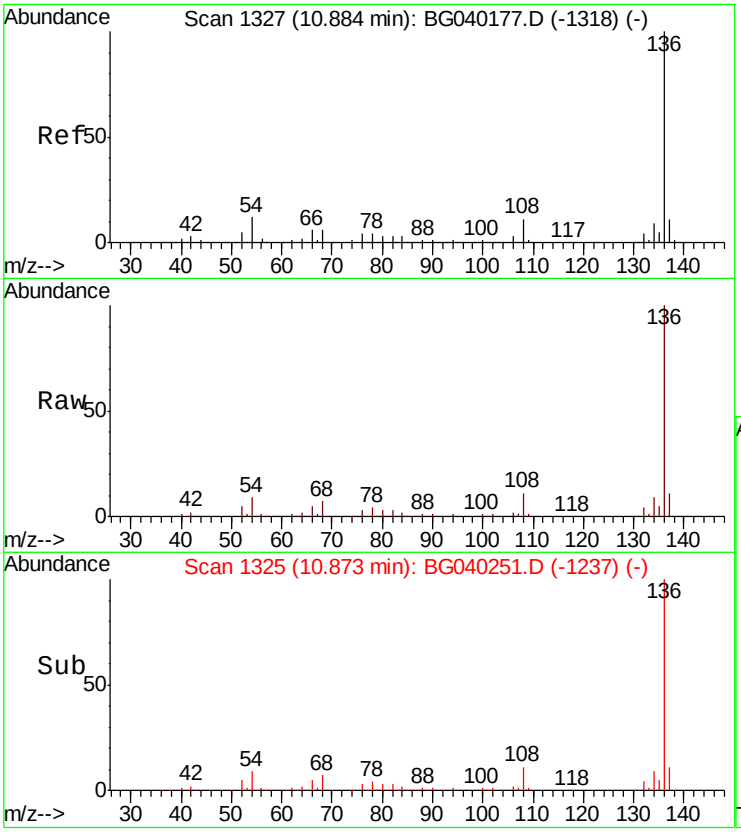


#19
n-Nitroso-di-n-propylamine
Concen: 14.691 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.36 min
Lab File: BG040251.D
Acq: 30 Mar 2019 7:55

Tgt Ion: 70 Resp: 49419

Ion	Ratio	Lower	Upper
70	100		
42	49.2	54.0	81.0#
101	0.0	8.6	13.0#
130	2.2	18.2	27.2#



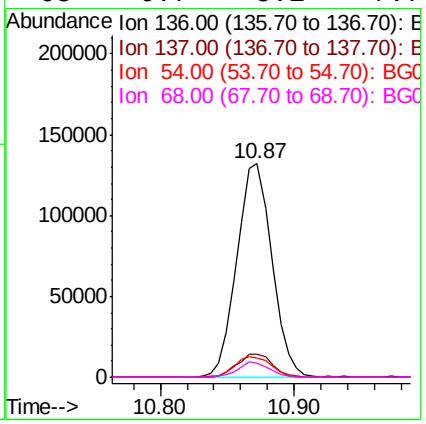


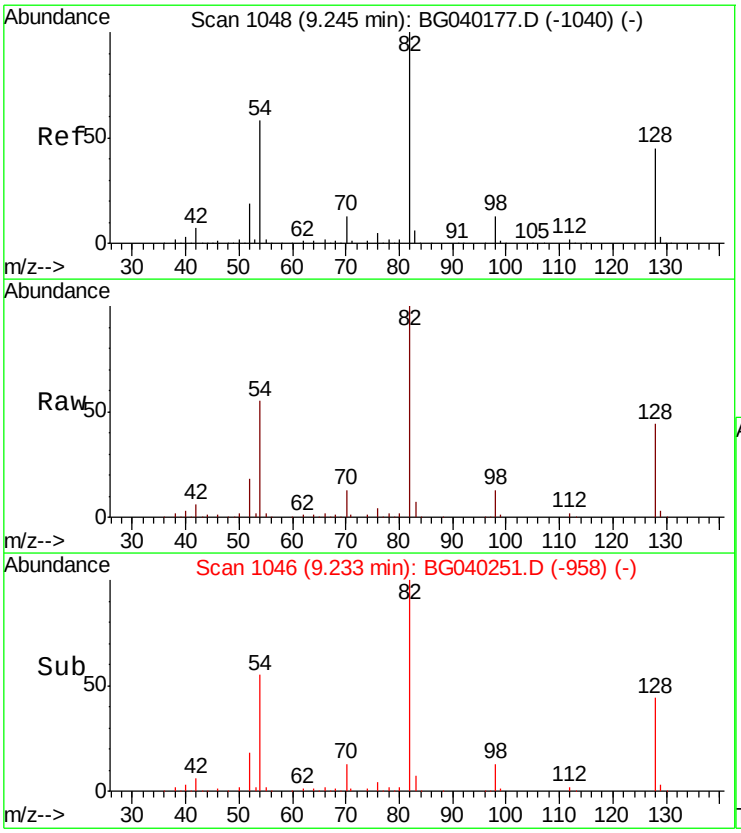
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG040251.D
Acq: 30 Mar 2019 7:55

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tgt Ion:136 Resp: 240157

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.1	9.6	14.4#
68	6.7	5.1	7.7

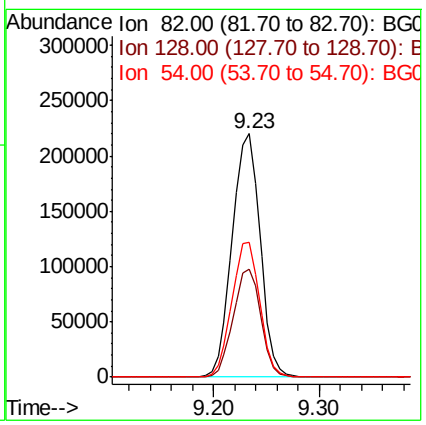


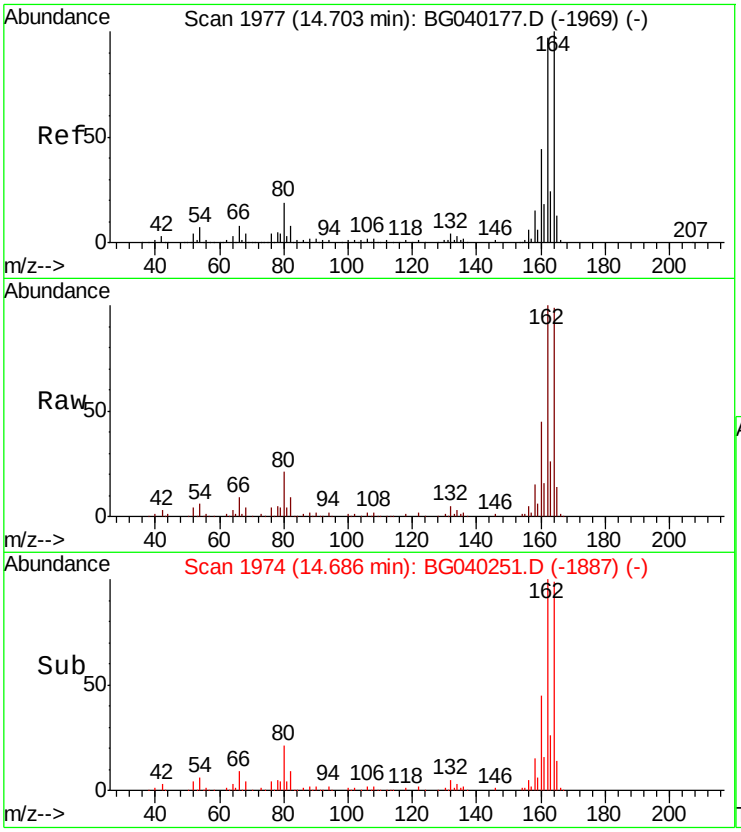


#23
Nitrobenzene-d5
Concen: 89.282 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG040251.D
Acq: 30 Mar 2019 7:55

Tgt Ion: 82 Resp: 403391

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.8	53.8
54	55.3	46.2	69.2



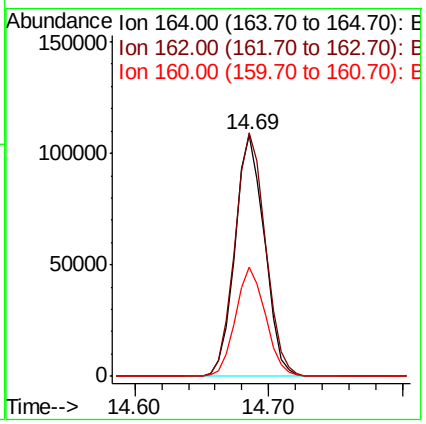


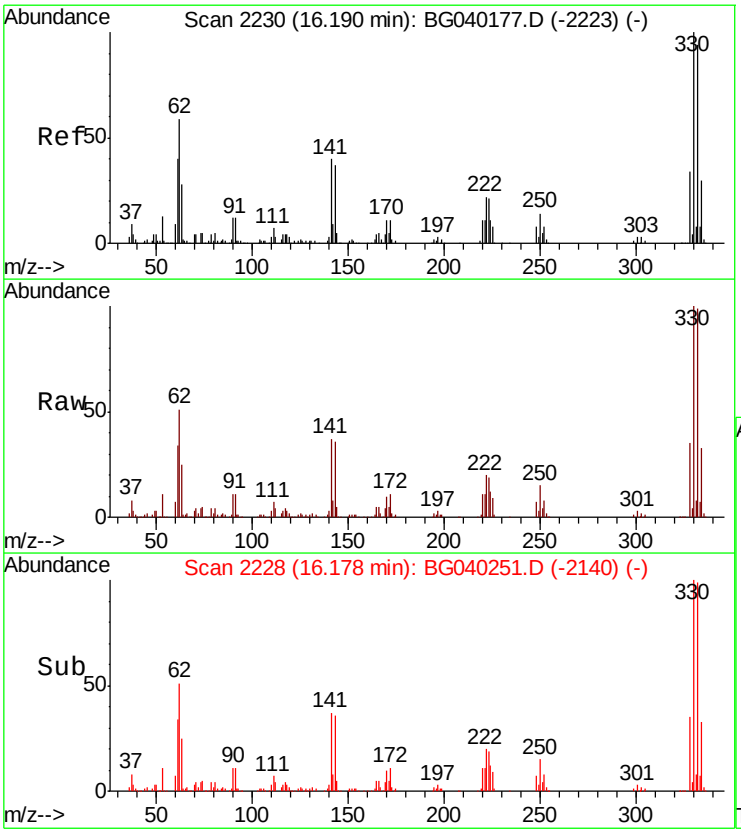
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040251.D
Acq: 30 Mar 2019 7:55

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tgt Ion:164 Resp: 165117

Ion	Ratio	Lower	Upper
164	100		
162	100.8	77.4	116.2
160	45.1	35.3	52.9

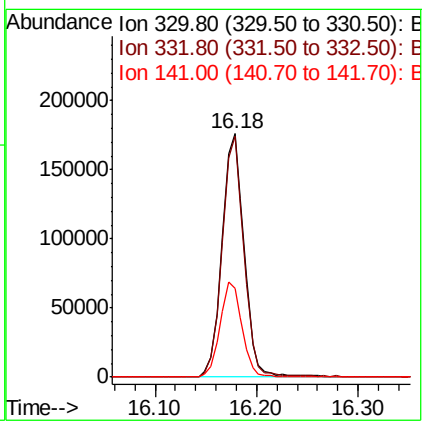


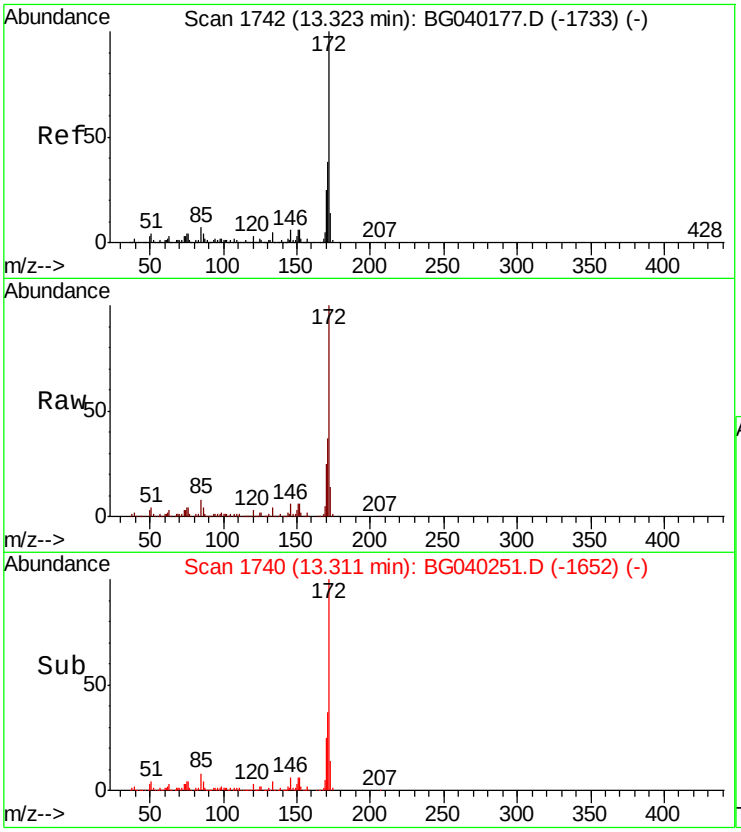


#42
2,4,6-Tribromophenol
Concen: 148.971 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG040251.D
Acq: 30 Mar 2019 7:55

Tgt Ion:330 Resp: 265836

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	38.6	32.6	48.8



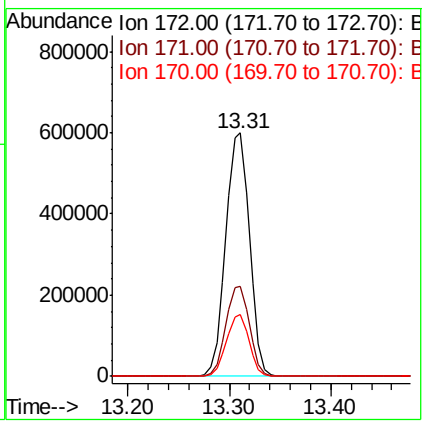


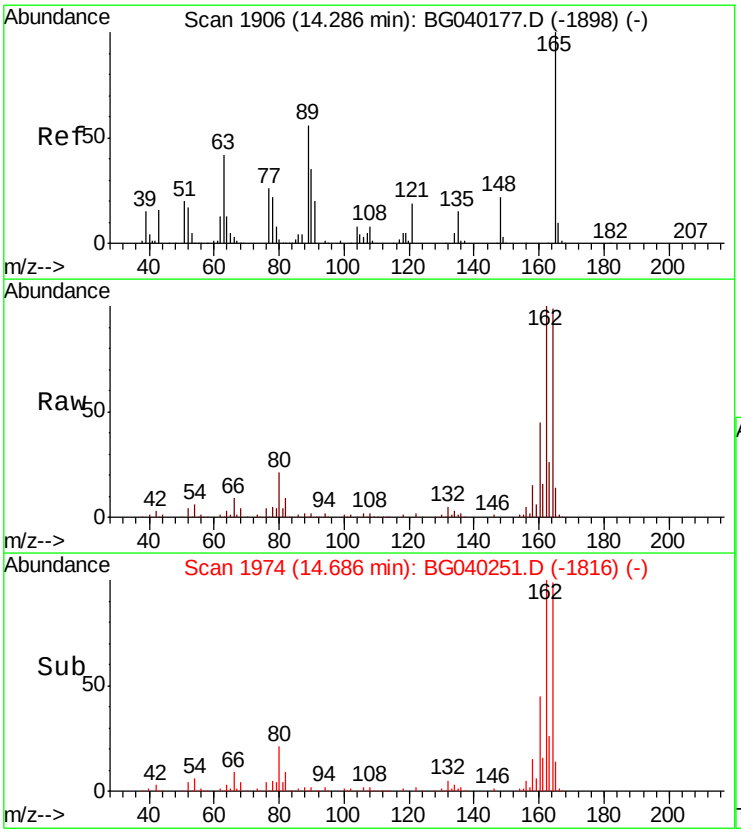
#45
2-Fluorobiphenyl
Concen: 87.441 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG040251.D
Acq: 30 Mar 2019 7:55

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tgt Ion:172 Resp: 974375

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	25.2	20.1	30.1

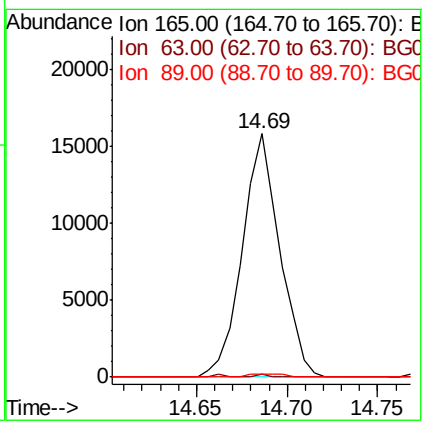


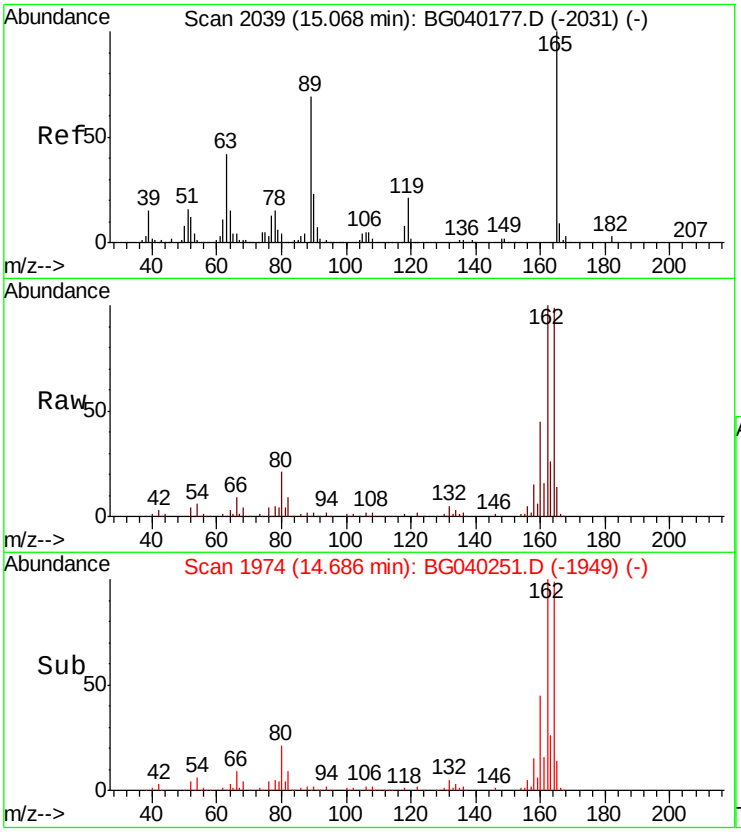


#51
2,6-Dinitrotoluene
Concen: 7.810 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.40 min
Lab File: BG040251.D
Acq: 30 Mar 2019 7:55

Tgt Ion:165 Resp: 22663

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.1	66.1#
89	1.1	44.9	67.3#



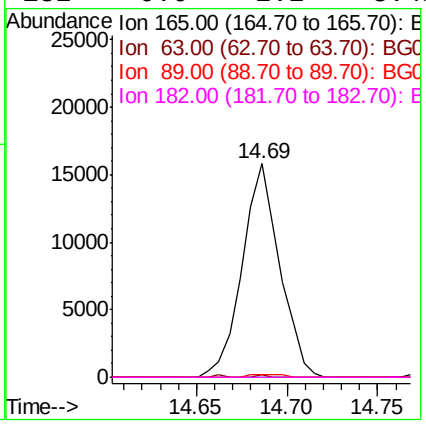


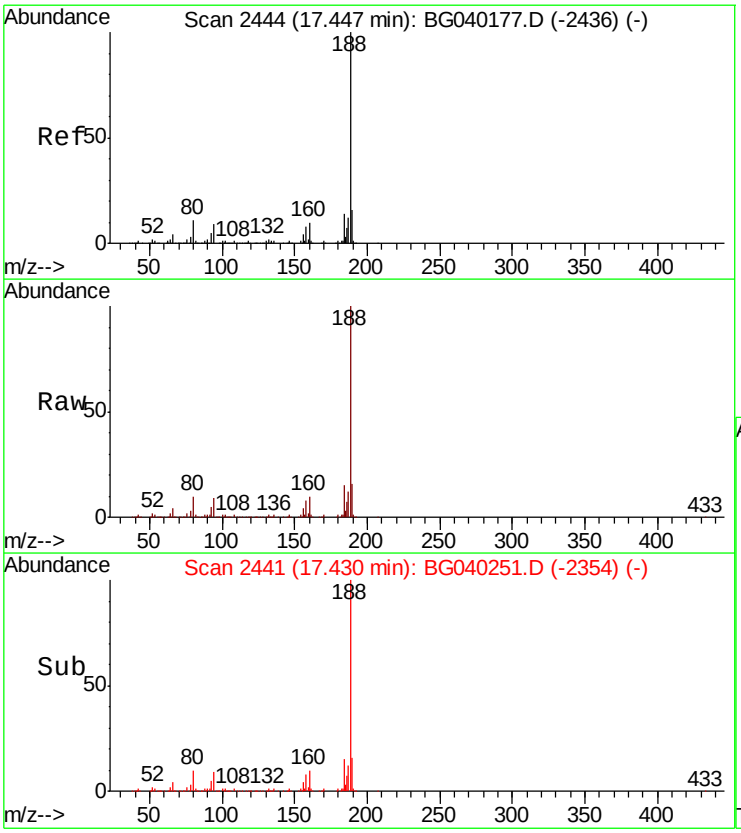
#57
2,4-Dinitrotoluene
Concen: 5.621 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.38 min
Lab File: BG040251.D
Acq: 30 Mar 2019 7:55

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tgt Ion:165 Resp: 22663

Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.8	50.6#
89	1.1	55.4	83.2#
182	0.0	2.2	3.4#

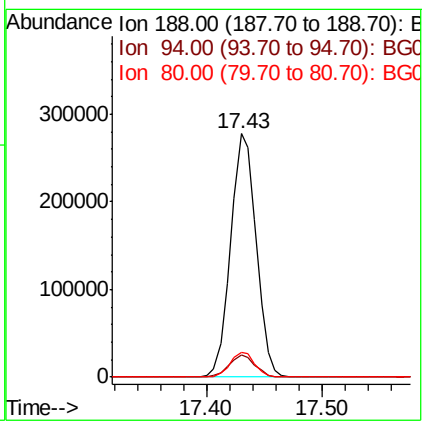


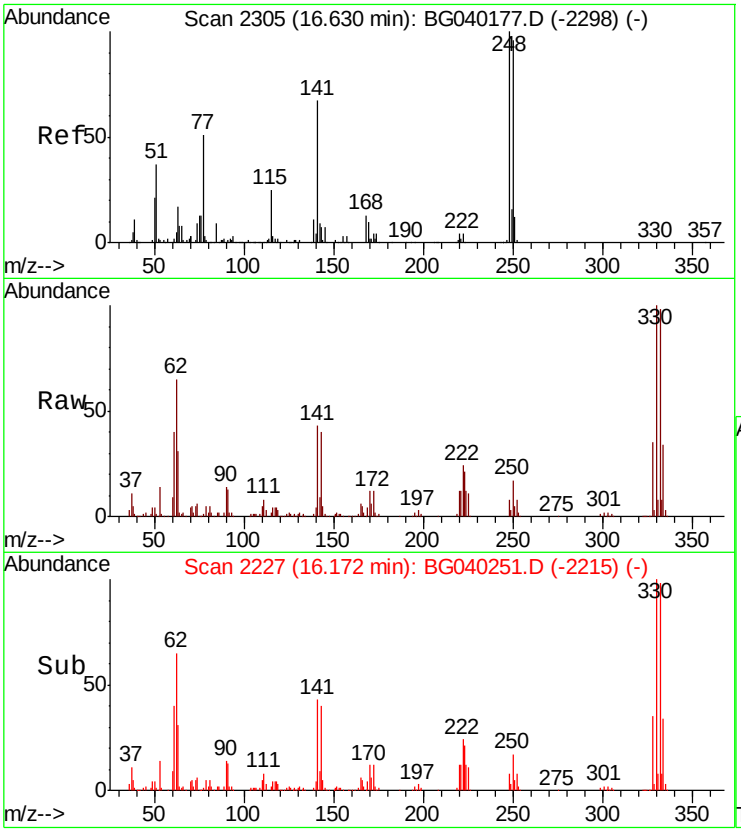


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BG040251.D
Acq: 30 Mar 2019 7:55

Tgt Ion:188 Resp: 425218

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	10.3	8.6	13.0



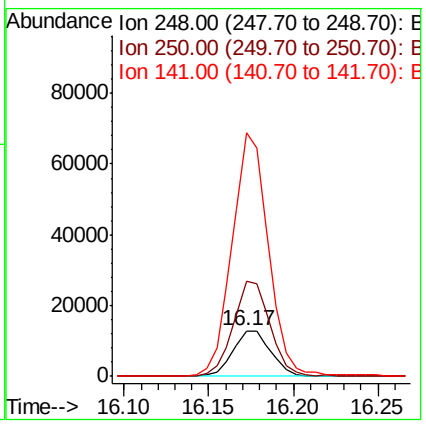


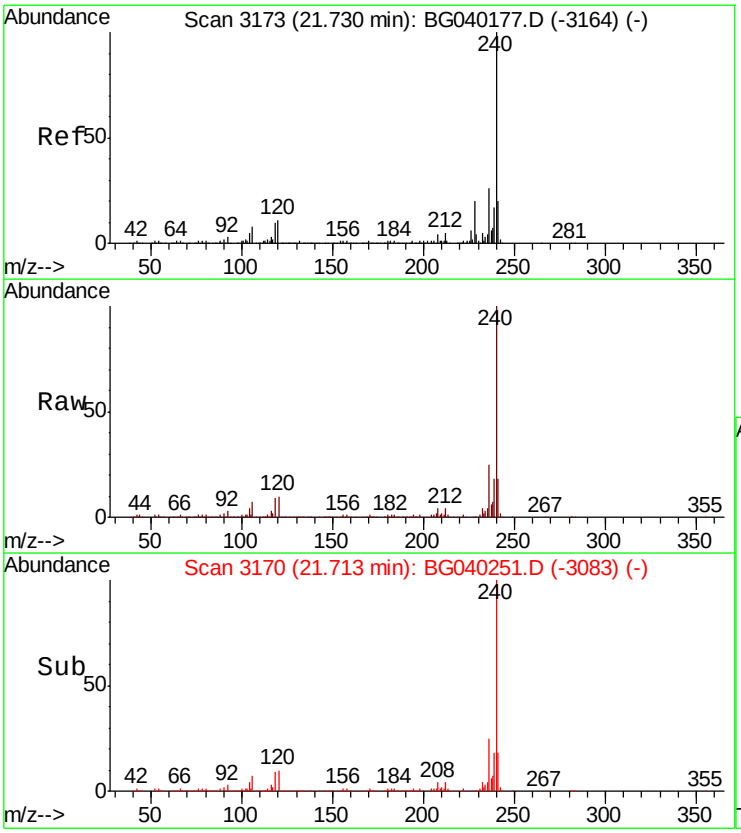
#67
4-Bromophenyl-phenylether
Concen: 4.194 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.46 min
Lab File: BG040251.D
Acq: 30 Mar 2019 7:55

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tgt Ion:248 Resp: 20071

Ion	Ratio	Lower	Upper
248	100		
250	207.4	76.4	114.6#
141	533.6	53.8	80.8#

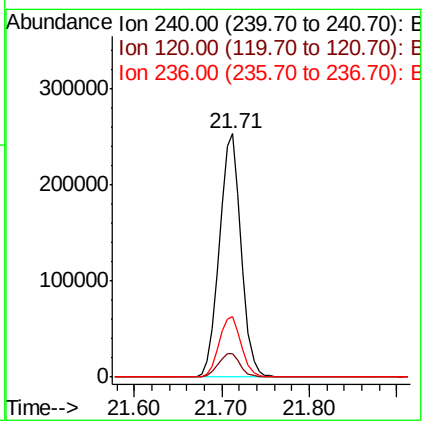


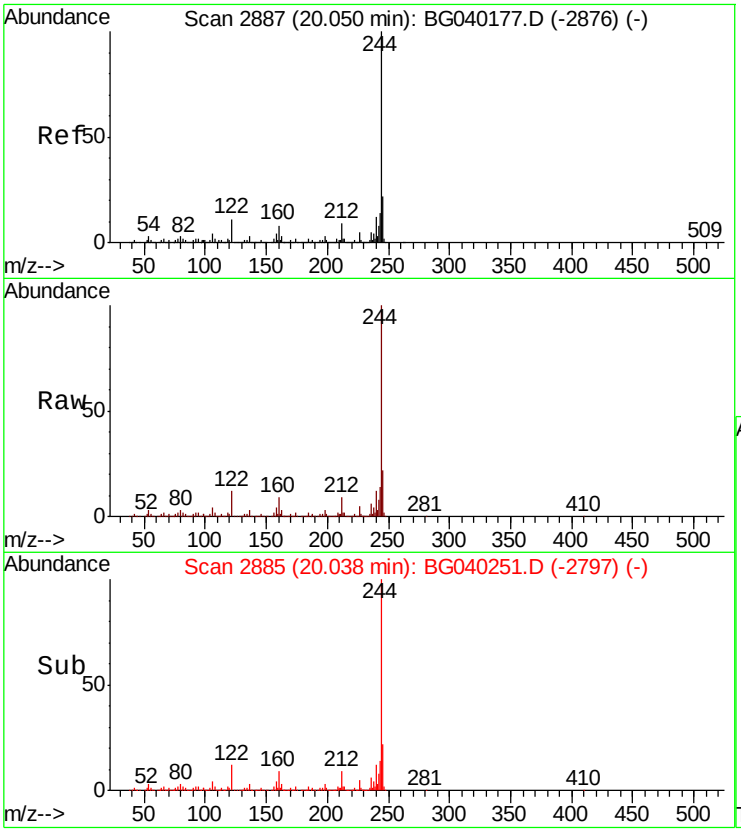


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.02 min
Lab File: BG040251.D
Acq: 30 Mar 2019 7:55

Tgt Ion:240 Resp: 433672

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.4	12.6
236	25.1	20.8	31.2



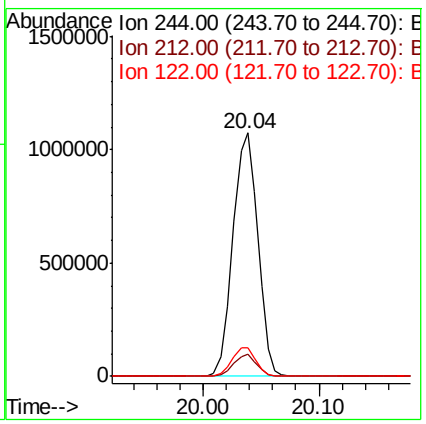


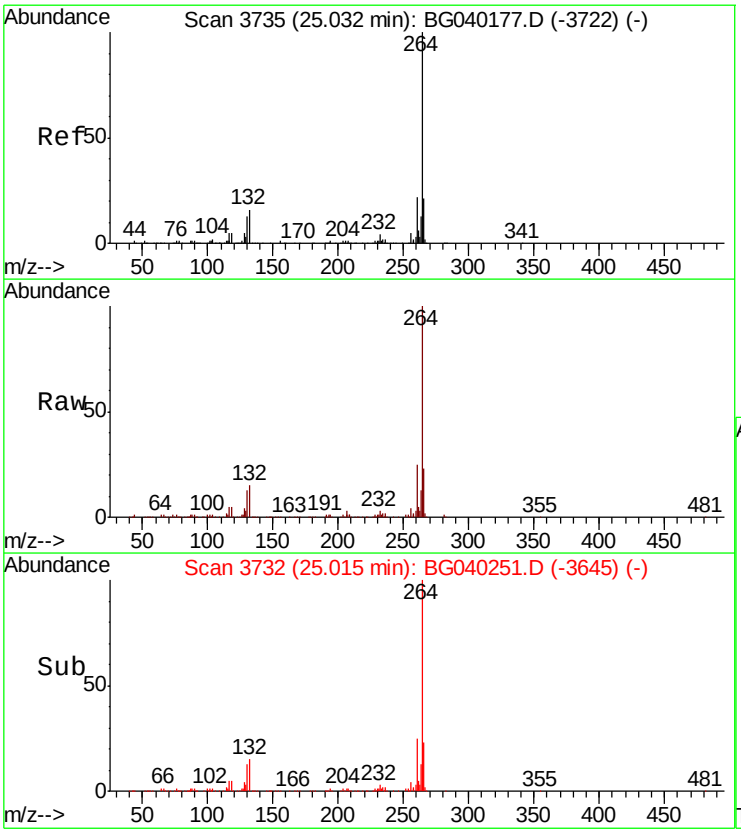
#79
Terphenyl-d14
Concen: 83.030 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG040251.D
Acq: 30 Mar 2019 7:55

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tgt Ion:244 Resp: 1600591

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	11.5	8.5	12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.02 min
Lab File: BG040251.D
Acq: 30 Mar 2019 7:55

Tgt Ion:264 Resp: 430187

Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.9	26.9
265	22.5	16.8	25.2