Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG010820\

Quantitation Report (Not Reviewed)

Data File : BG043985.D
Acq On : 9 Jan 2020 3:52
Operator : JU
Sample : K6474-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-01

Quant Time: Jan 09 06:18:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	112372	20.00	ng	-0.01
21) Naphthalene-d8	10.75	136	442723	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	280987	20.00	ng	-0.01
64) Phenanthrene-d10	17.32	188	637179	20.00	ng	-0.01
76) Chrysene-d12	21.57	240	555815	20.00	ng	-0.02
87) Perylene-d12	24.69	264	613396	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	860594	140.62	ng	0.00
7) Phenol-d6	7.12	99	1108741	129.61	ng	0.00
23) Nitrobenzene-d5	9.10	82	714015	86.28	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	457117	155.46	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	1522704	98.18	ng	-0.01
79) Terphenyl-d14	19.94	244	2309920	106.94	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.11	70	93946	14.746	ng	# 77
51) 2,6-Dinitrotoluene	14.59	165	37389	8.291	ng	# 26
57) 2,4-Dinitrotoluene	14.59	165	37389	6.093	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.07	198	1493	4.803	ng	# 1
67) 4-Bromophenyl-phenylether	16.07	248	32961	4.599	ng	# 1
77) Benzidine	19.94	184	44603	3.193	ng	# 92

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

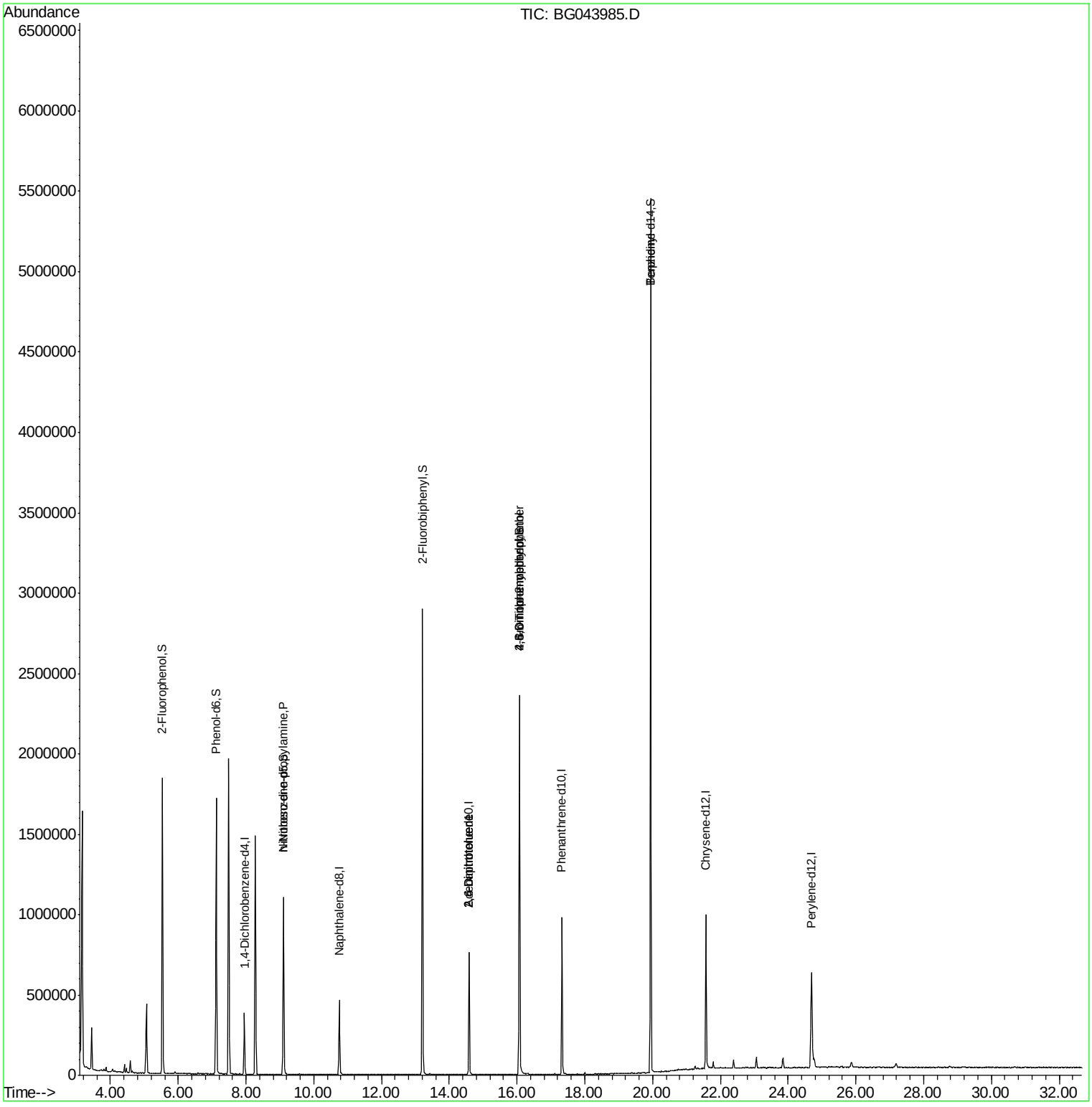
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG010820\

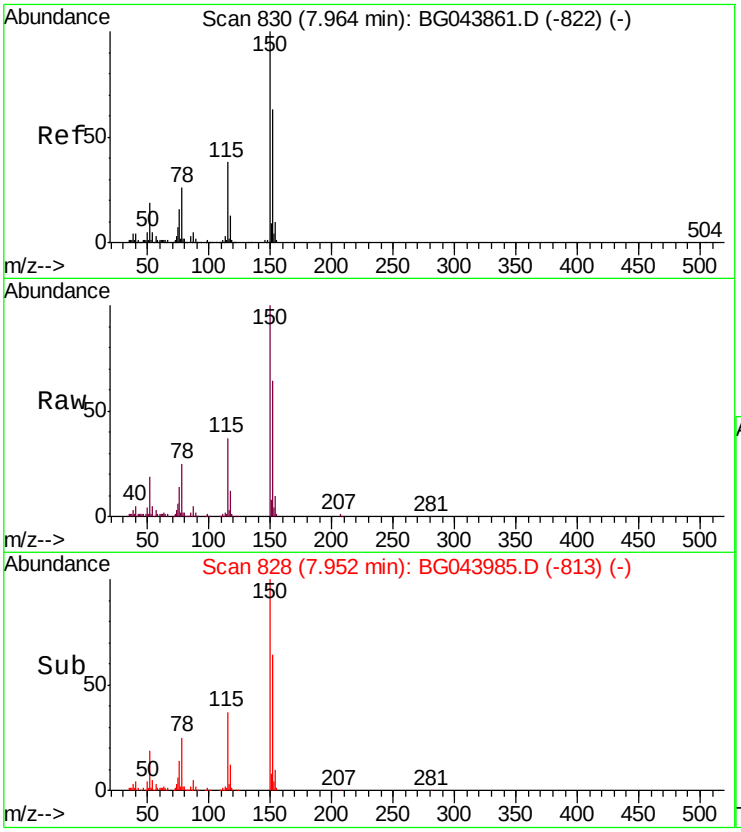
Quantitation Report (Not Reviewed)

Data File : BG043985.D
Acq On : 9 Jan 2020 3:52
Operator : JU
Sample : K6474-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-01

Quant Time: Jan 09 06:18:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration



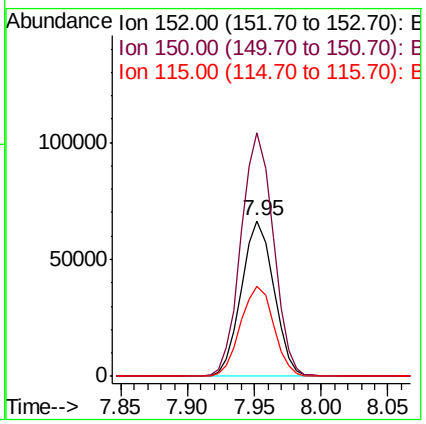


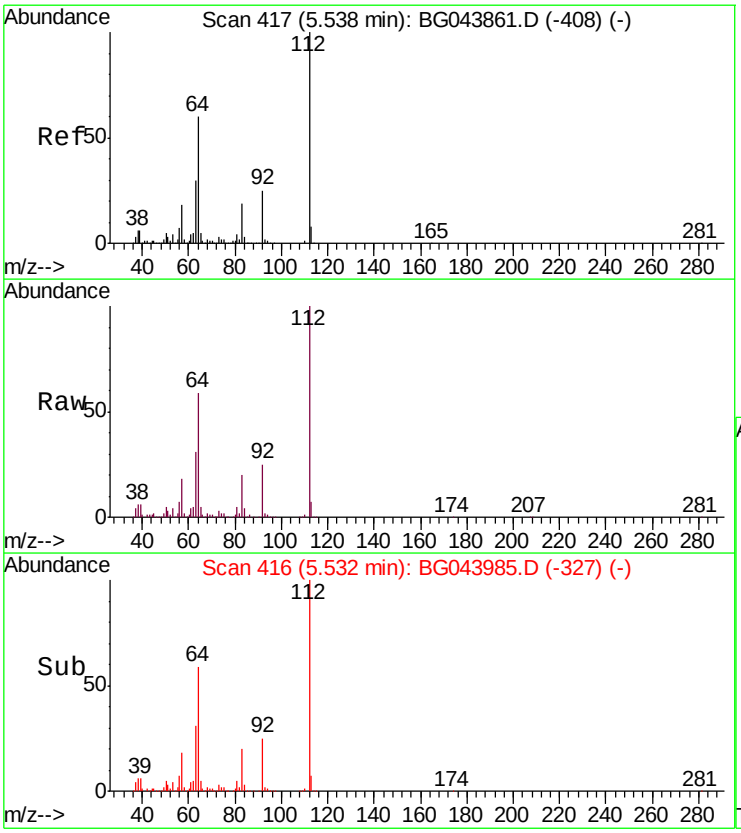
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043985.D
Acq: 9 Jan 2020 3:52

Instrument :
BNA_G
ClientSampleId :
SB-01

Tgt Ion:152 Resp: 112372

Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.0	190.4
115	58.2	47.8	71.8

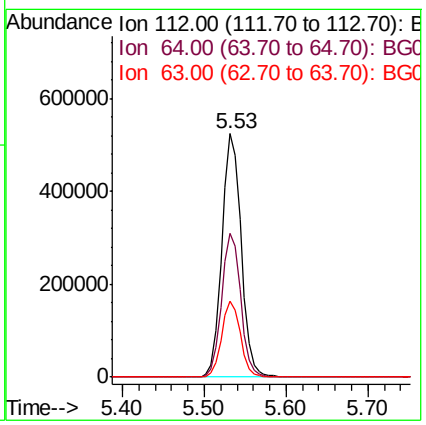


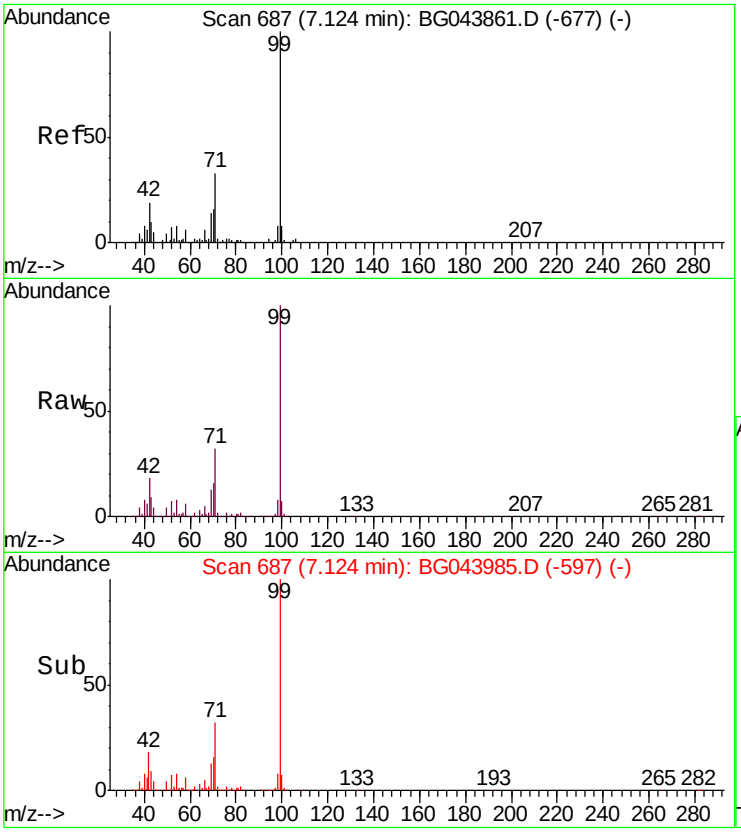


#5
2-Fluorophenol
Concen: 140.618 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG043985.D
Acq: 9 Jan 2020 3:52

Tgt Ion:112 Resp: 860594

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.8	71.6
63	31.4	24.3	36.5



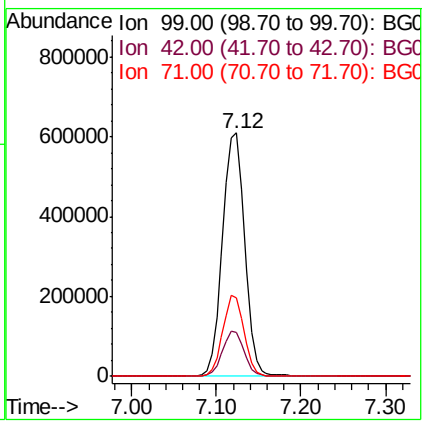


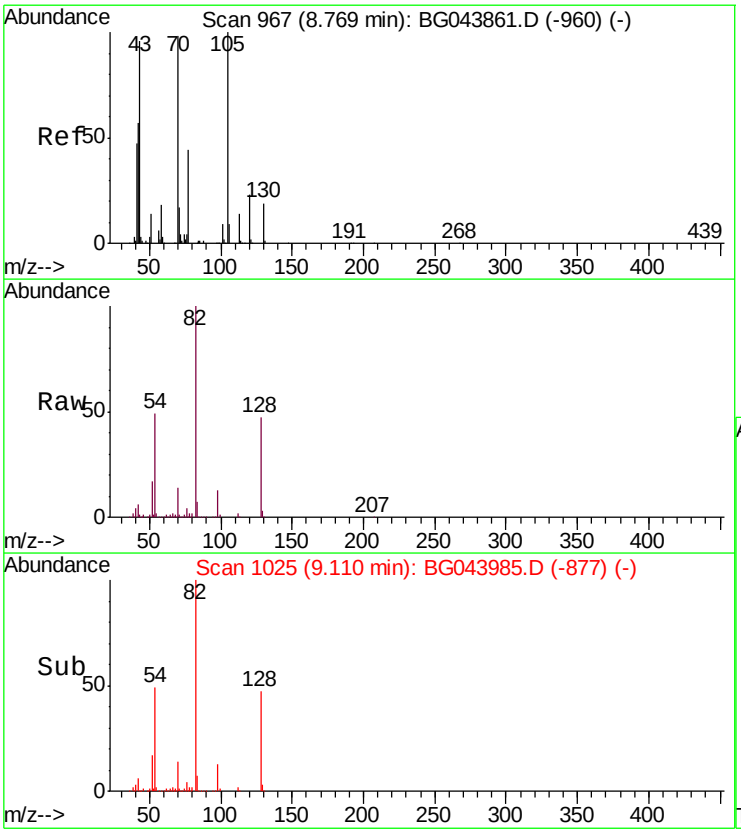
#7
Phenol-d6
Concen: 129.605 ng
RT: 7.12 min Scan# 687
Delta R.T. -0.00 min
Lab File: BG043985.D
Acq: 9 Jan 2020 3:52

Instrument :
BNA_G
ClientSampleId :
SB-01

Tgt Ion: 99 Resp: 1108741

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.9	22.3
71	32.1	26.4	39.6

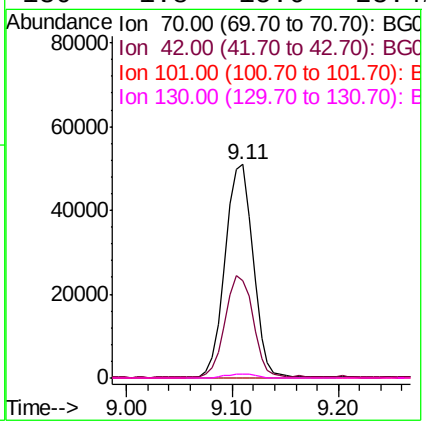


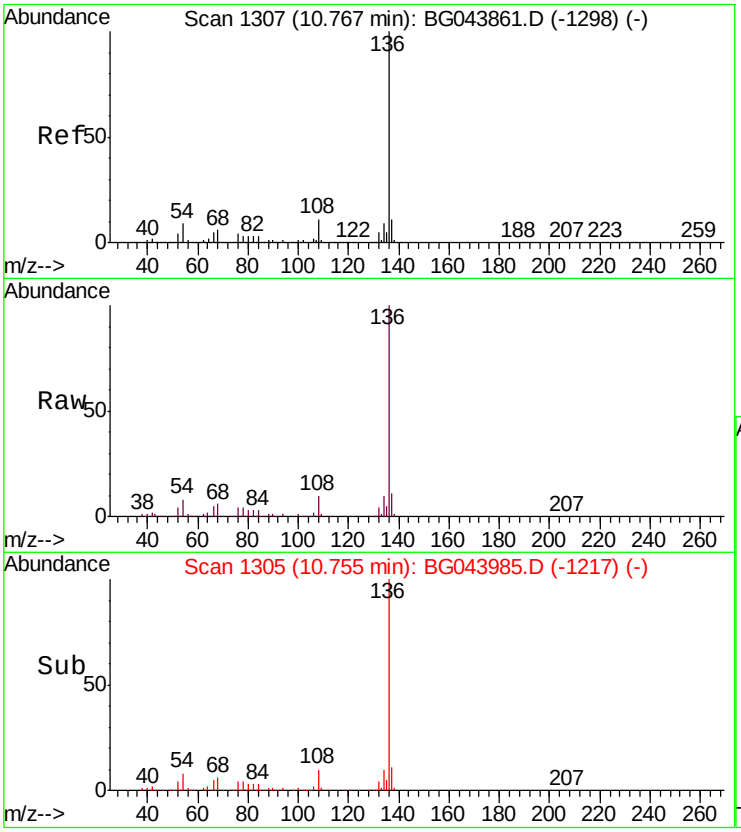


#19
n-Nitroso-di-n-propylamine
Concen: 14.746 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.34 min
Lab File: BG043985.D
Acq: 9 Jan 2020 3:52

Tgt Ion: 70 Resp: 93946

Ion	Ratio	Lower	Upper
70	100		
42	45.8	47.0	70.4#
101	0.0	7.2	10.8#
130	1.8	15.6	23.4#



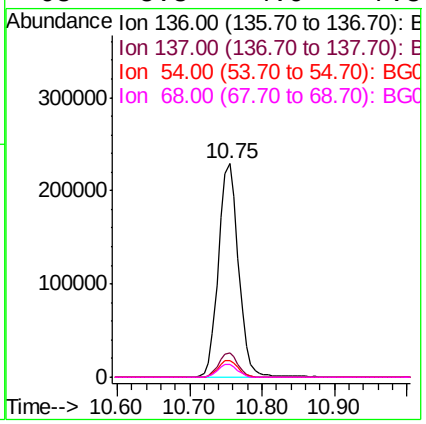


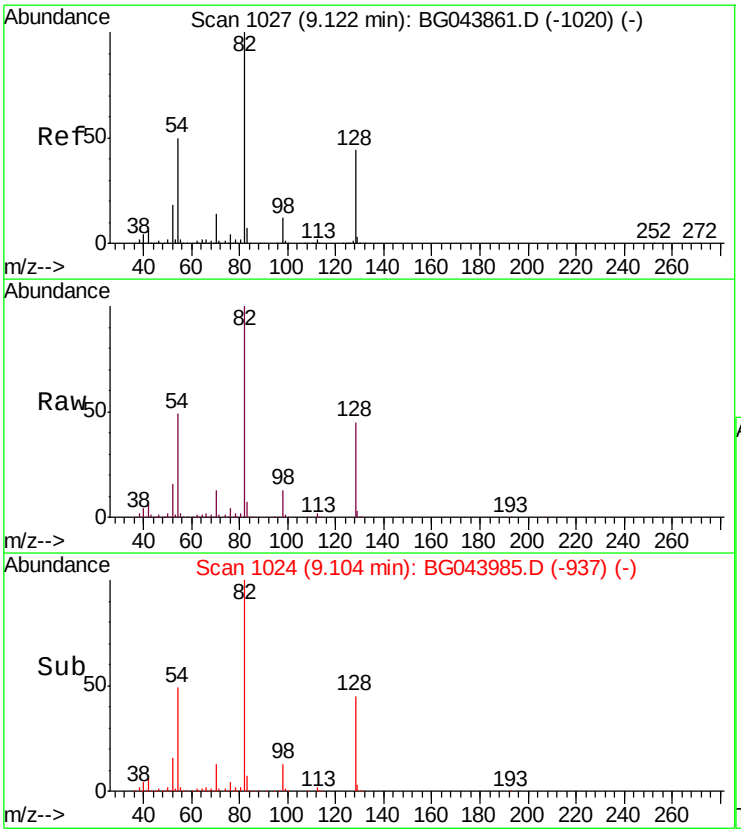
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG043985.D
Acq: 9 Jan 2020 3:52

Instrument :
BNA_G
ClientSampleId :
SB-01

Tgt Ion:136 Resp: 442723

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.7	7.0	10.4
68	5.8	4.9	7.3

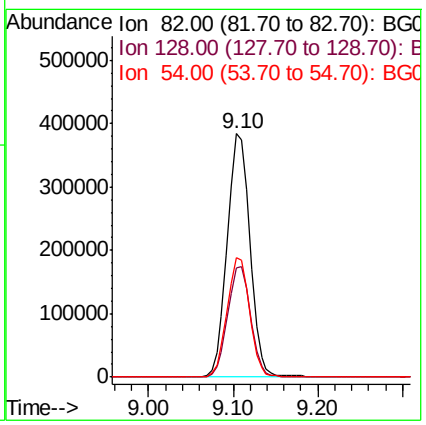


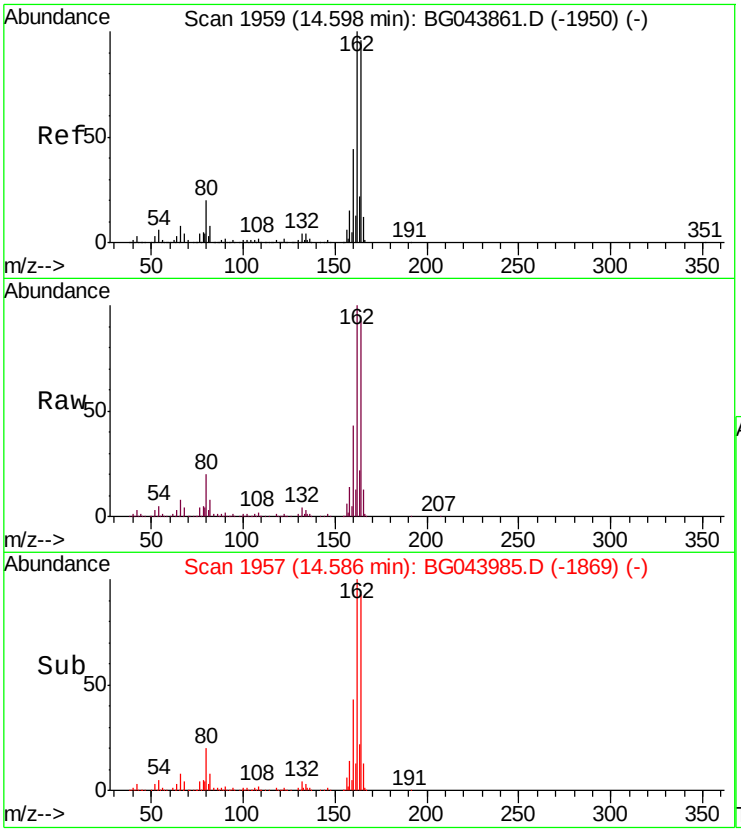


#23
Nitrobenzene-d5
Concen: 86.277 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG043985.D
Acq: 9 Jan 2020 3:52

Tgt Ion: 82 Resp: 714015

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.1	52.7
54	48.9	40.1	60.1



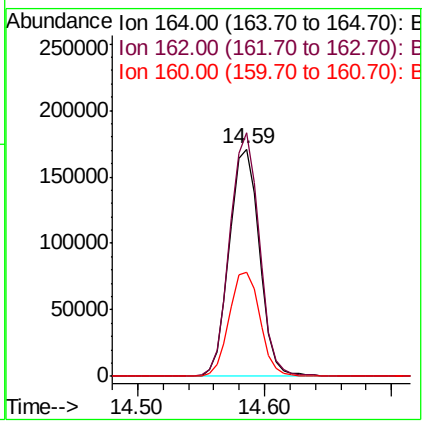


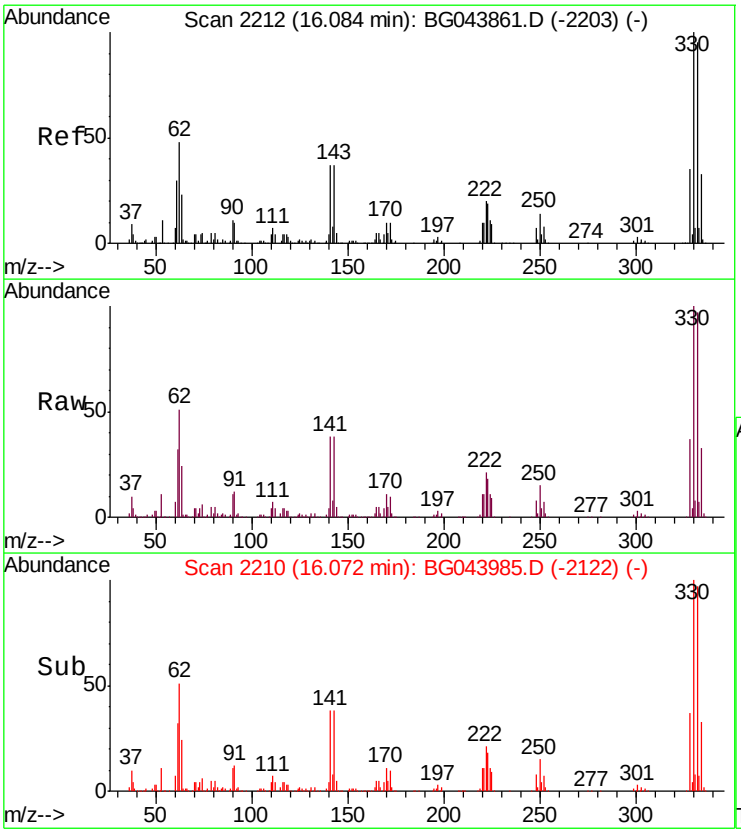
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG043985.D
Acq: 9 Jan 2020 3:52

Instrument :
BNA_G
ClientSampleId :
SB-01

Tgt Ion:164 Resp: 280987

Ion	Ratio	Lower	Upper
164	100		
162	107.0	83.0	124.4
160	45.7	36.1	54.1

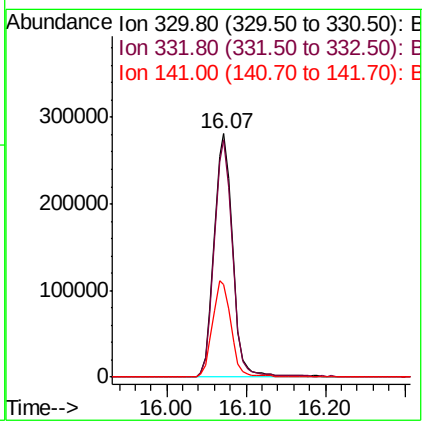


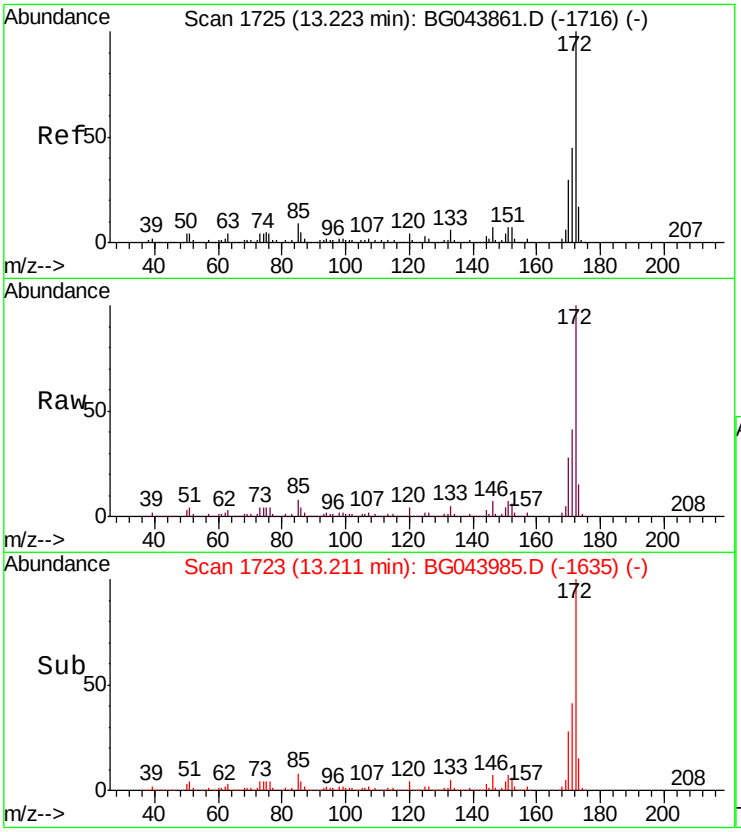


#42
2,4,6-Tribromophenol
Concen: 155.457 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BG043985.D
Acq: 9 Jan 2020 3:52

Tgt Ion:330 Resp: 457117

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.2	115.8
141	39.5	33.1	49.7



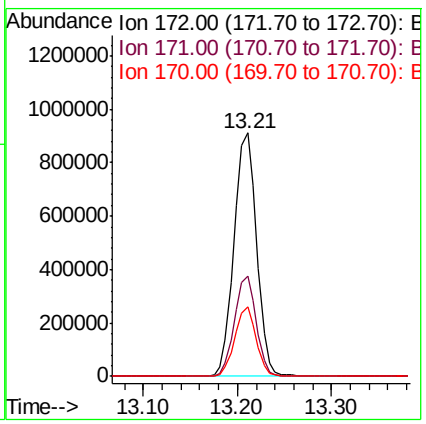


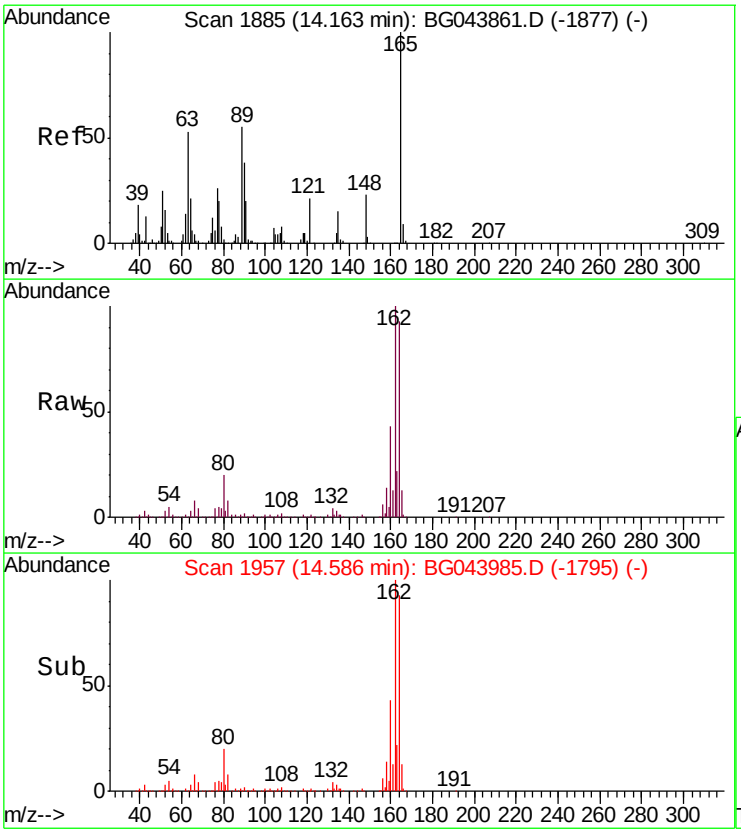
#45
2-Fluorobiphenyl
Concen: 98.182 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG043985.D
Acq: 9 Jan 2020 3:52

Instrument :
BNA_G
ClientSampleId :
SB-01

Tgt Ion:172 Resp: 1522704

Ion	Ratio	Lower	Upper
172	100		
171	41.0	35.8	53.8
170	28.3	24.2	36.4

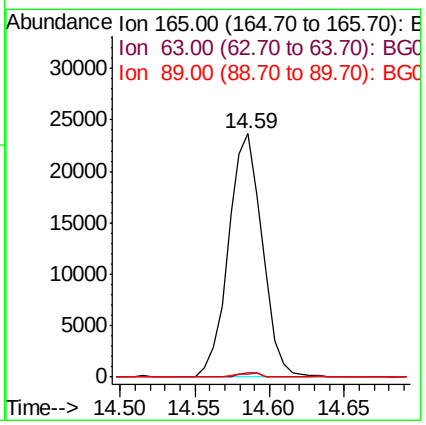


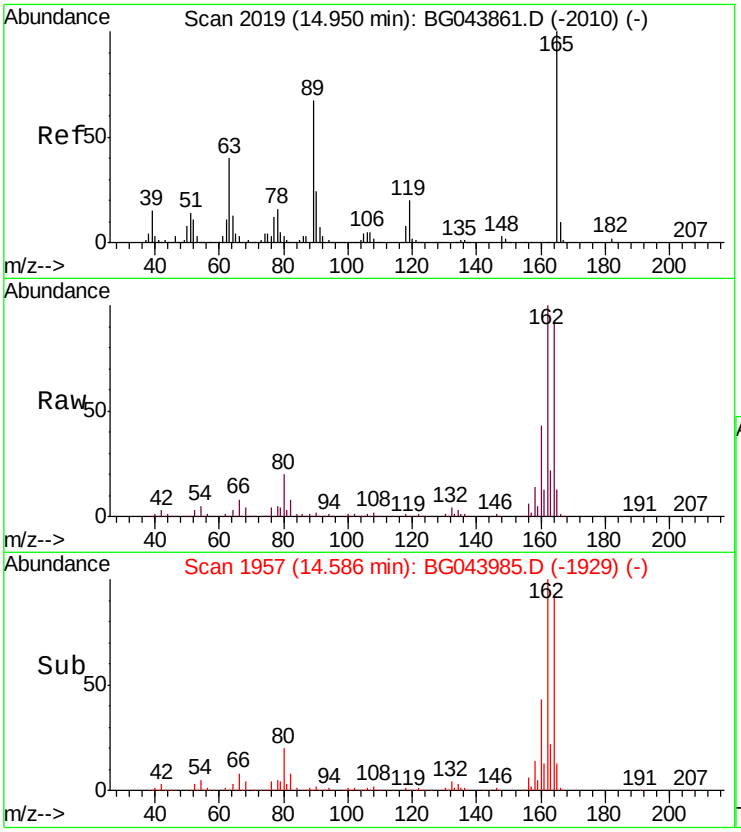


#51
2,6-Dinitrotoluene
Concen: 8.291 ng
RT: 14.59 min Scan# 1957
Delta R.T. 0.42 min
Lab File: BG043985.D
Acq: 9 Jan 2020 3:52

Tgt Ion:165 Resp: 37389

Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.1	64.7#
89	1.5	43.8	65.6#



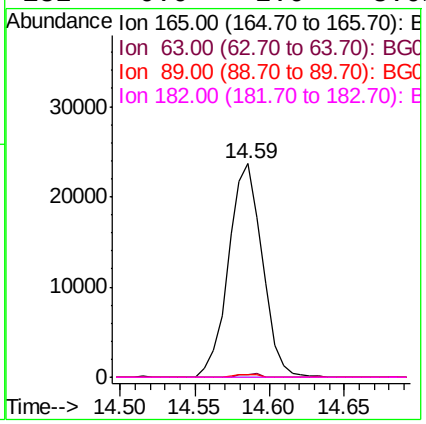


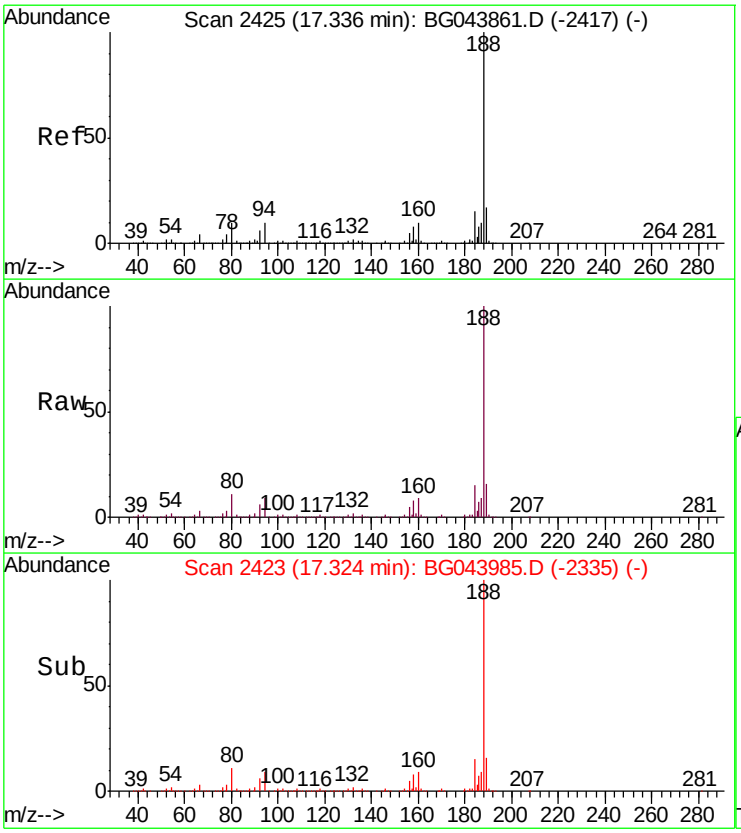
#57
2,4-Dinitrotoluene
Concen: 6.093 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.36 min
Lab File: BG043985.D
Acq: 9 Jan 2020 3:52

Instrument :
BNA_G
ClientSampleId :
SB-01

Tgt Ion:165 Resp: 37389

Ion	Ratio	Lower	Upper
165	100		
63	1.5	31.9	47.9#
89	1.5	53.8	80.6#
182	0.0	2.0	3.0#

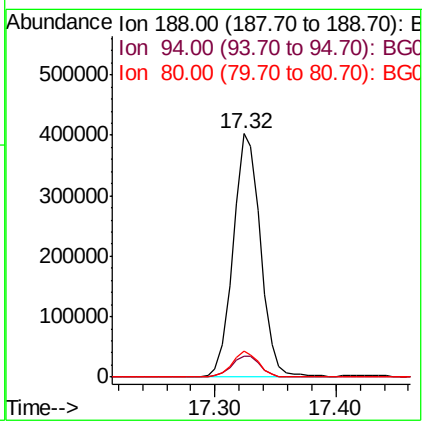


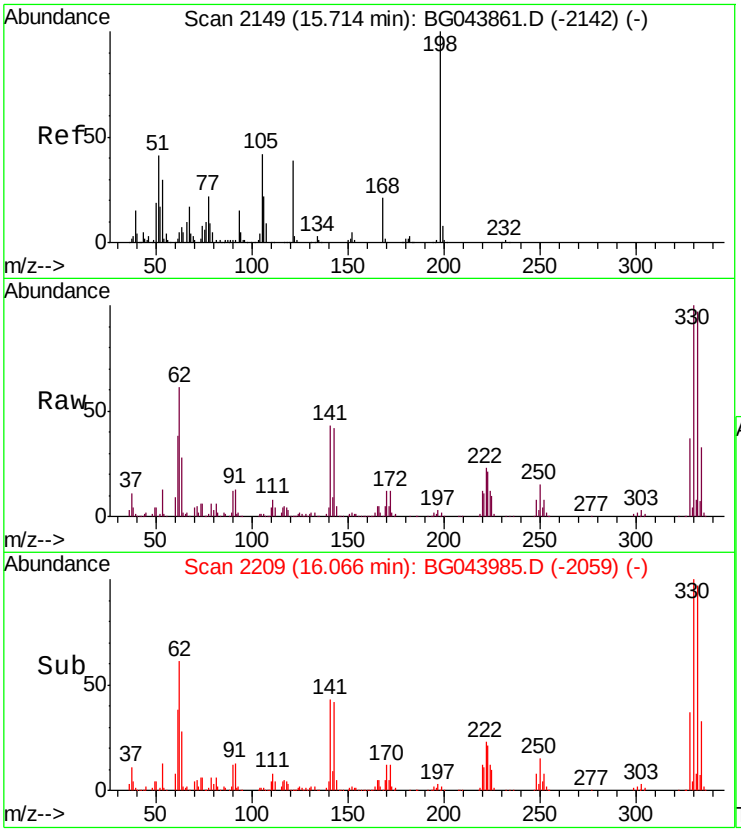


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG043985.D
Acq: 9 Jan 2020 3:52

Tgt Ion:188 Resp: 637179

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.9	11.9
80	10.5	8.2	12.4



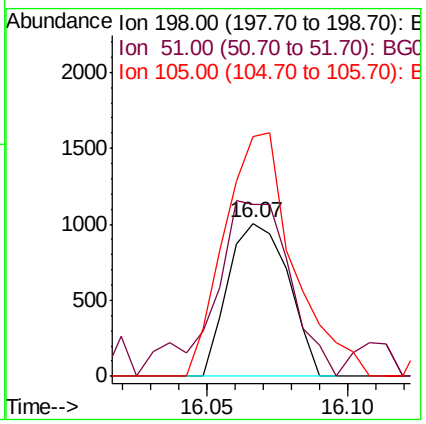


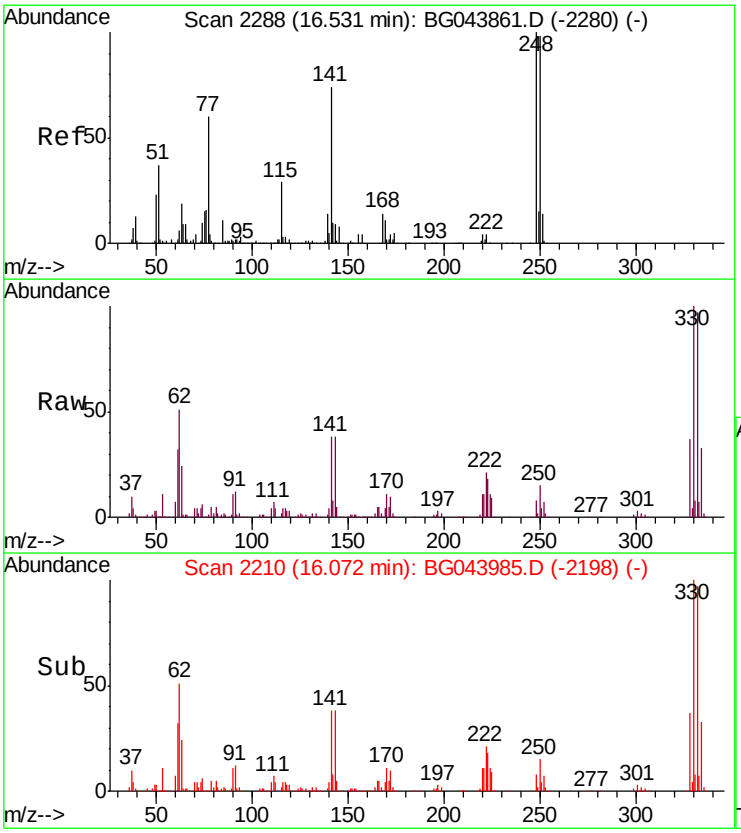
#65
4,6-Dinitro-2-methylphenol
Concen: 4.803 ng
RT: 16.07 min Scan# 2209
Delta R.T. 0.35 min
Lab File: BG043985.D
Acq: 9 Jan 2020 3:52

Instrument :
BNA_G
ClientSampleId :
SB-01

Tgt Ion:198 Resp: 1493

Ion	Ratio	Lower	Upper
198	100		
51	112.4	22.5	62.5#
105	156.4	22.3	62.3#

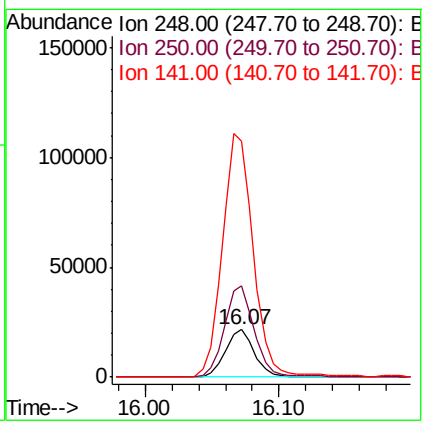


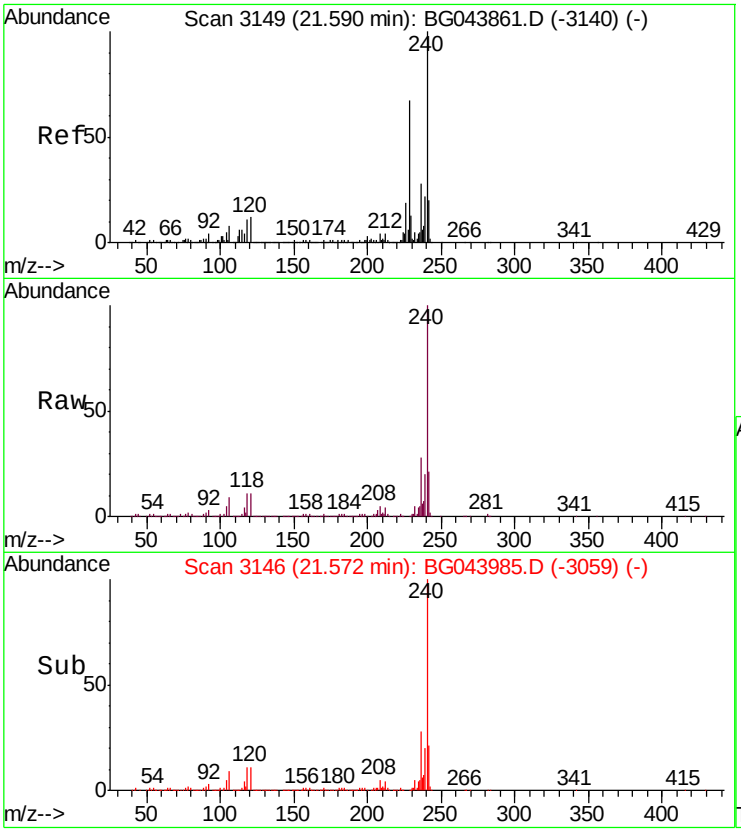


#67
4-Bromophenyl-phenylether
Concen: 4.599 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.46 min
Lab File: BG043985.D
Acq: 9 Jan 2020 3:52

Tgt Ion:248 Resp: 32961

Ion	Ratio	Lower	Upper
248	100		
250	192.5	78.2	117.2#
141	496.6	59.3	88.9#



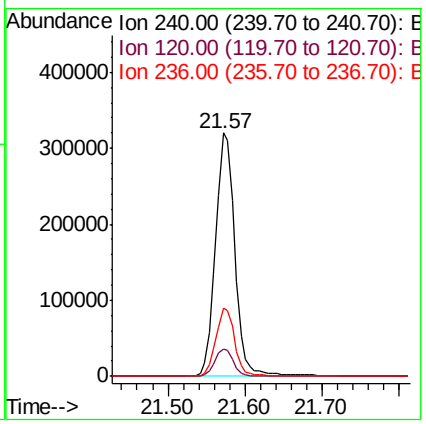


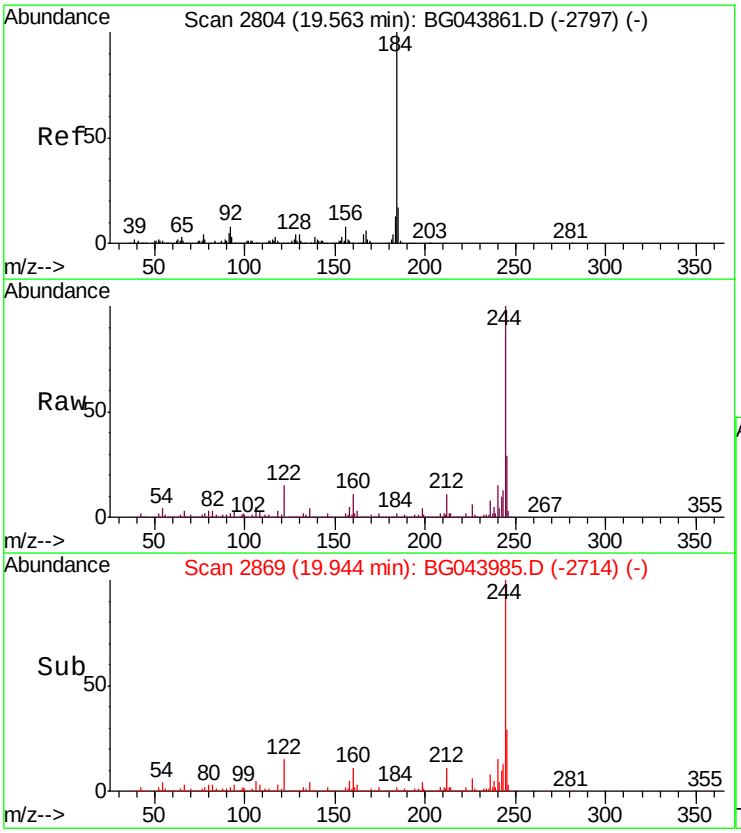
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG043985.D
Acq: 9 Jan 2020 3:52

Instrument :
BNA_G
ClientSampleId :
SB-01

Tgt Ion:240 Resp: 555815

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.6	14.4
236	28.2	22.2	33.2

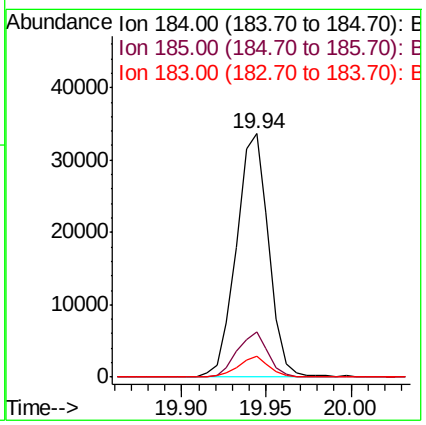


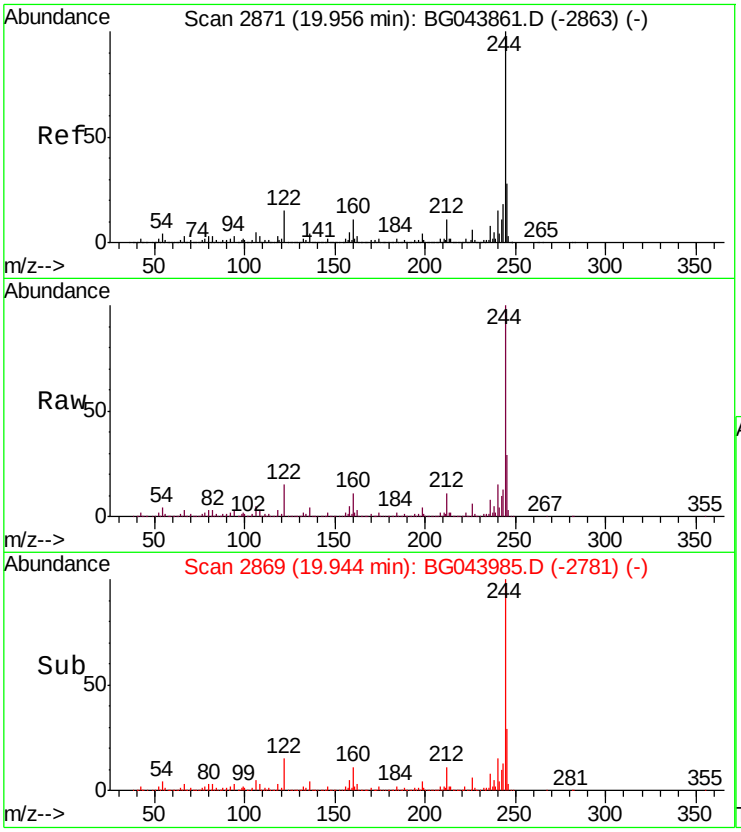


#77
Benzidine
Concen: 3.193 ng
RT: 19.94 min Scan# 2869
Delta R.T. 0.38 min
Lab File: BG043985.D
Acq: 9 Jan 2020 3:52

Tgt Ion:184 Resp: 44603

Ion	Ratio	Lower	Upper
184	100		
185	18.8	13.4	20.0
183	8.6	10.6	15.8#



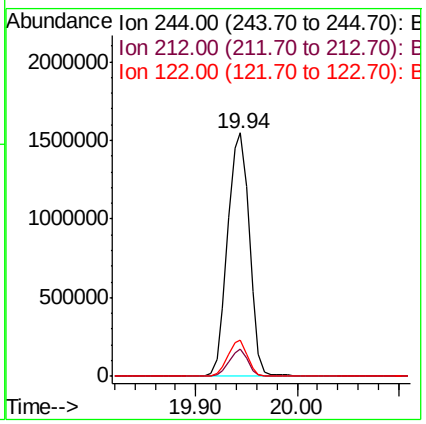


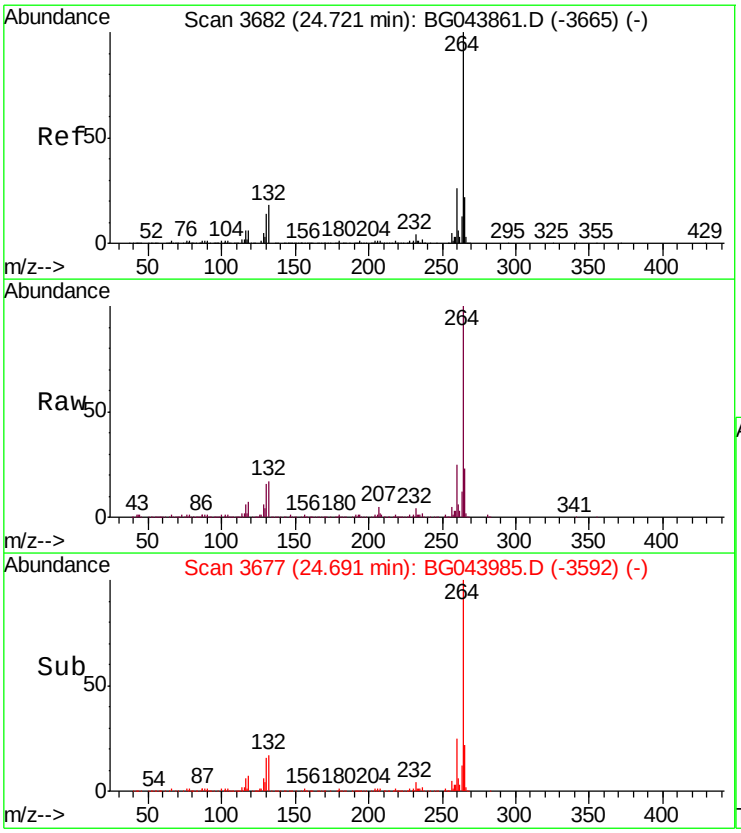
#79
Terphenyl-d14
Concen: 106.941 ng
RT: 19.94 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BG043985.D
Acq: 9 Jan 2020 3:52

Instrument :
BNA_G
ClientSampleId :
SB-01

Tgt Ion:244 Resp: 2309920

Ion	Ratio	Lower	Upper
244	100		
212	11.1	8.6	13.0
122	14.9	11.9	17.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.03 min
Lab File: BG043985.D
Acq: 9 Jan 2020 3:52

Tgt Ion:264 Resp: 613396

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.4	30.6
265	22.6	17.4	26.2