Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\
Data File : BG040643.D
Acq On : 27 Apr 2019 1:02
Operator : JU/SJ
Sample : PB119239TB
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119239TB

Quant Time: Apr 27 02:05:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	35006	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	141124	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	100686	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	282830	20.00	ng	0.00
76) Chrysene-d12	21.82	240	297669	20.00	ng	0.00
87) Perylene-d12	25.19	264	312450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	345588	174.02	ng	0.00
7) Phenol-d6	7.29	99	507344	165.93	ng	0.00
23) Nitrobenzene-d5	9.33	82	351547	115.10	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	246426	178.06	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	739702	106.10	ng	0.00
79) Terphenyl-d14	20.13	244	1552901	115.58	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.29	77	1139	Below Cal	#	6
15) Benzyl Alcohol	8.47	79	6879	2.162	ng	# 75
19) n-Nitroso-di-n-propylamine	9.33	70	50673	18.410	ng	# 77
51) 2,6-Dinitrotoluene	14.78	165	12605	7.667	ng	# 14
57) 2,4-Dinitrotoluene	14.78	165	12605	5.642	ng	# 16
65) 4,6-Dinitro-2-methylphenol	15.87	198	56	7.135	ng	# 28
67) 4-Bromophenyl-phenylether	16.27	248	19058	5.409	ng	# 1
77) Benzidine	20.13	184	29375	3.604	ng	97

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

Quantitation Report (Not Reviewed)

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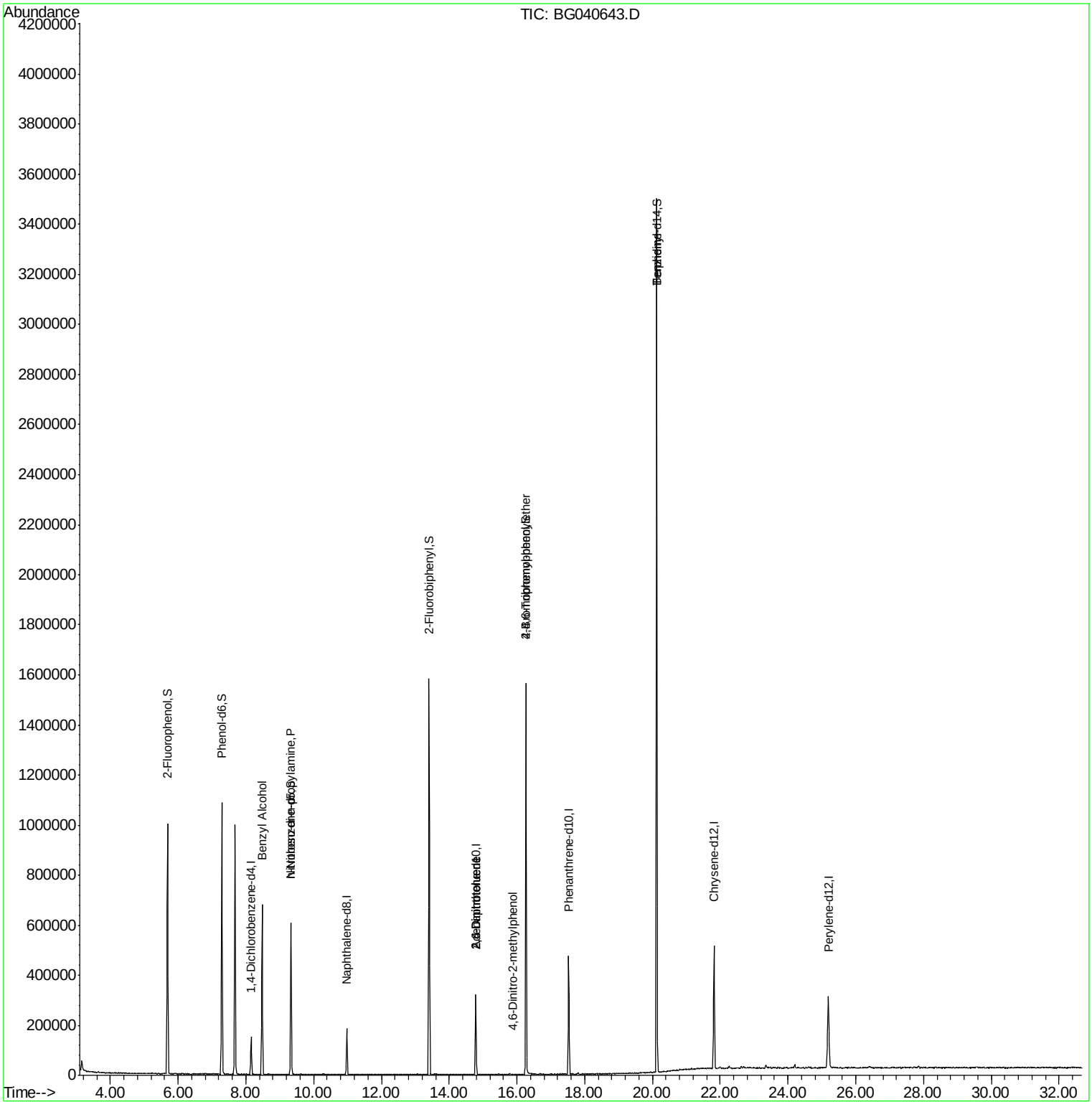
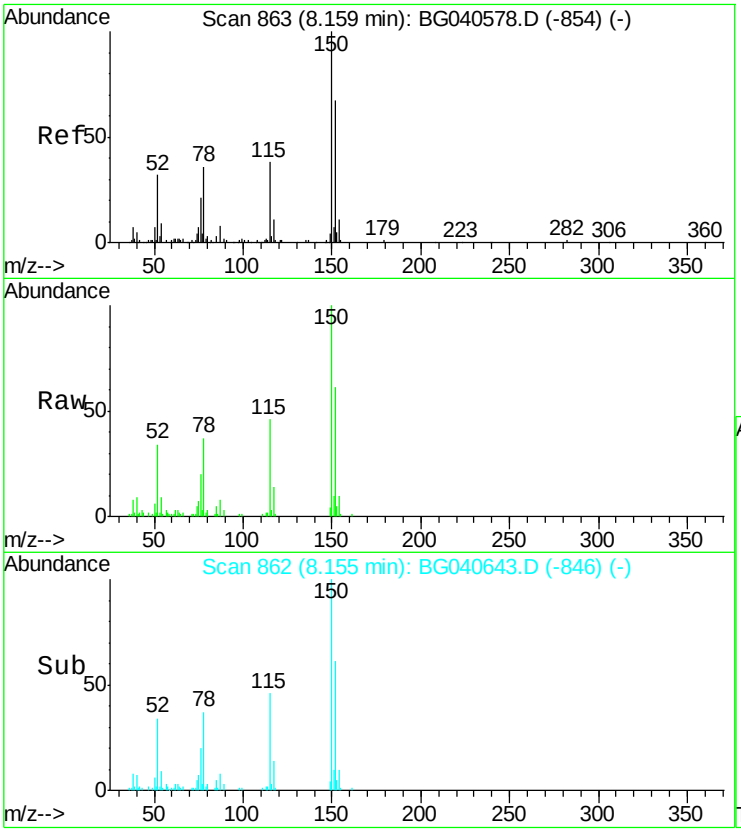


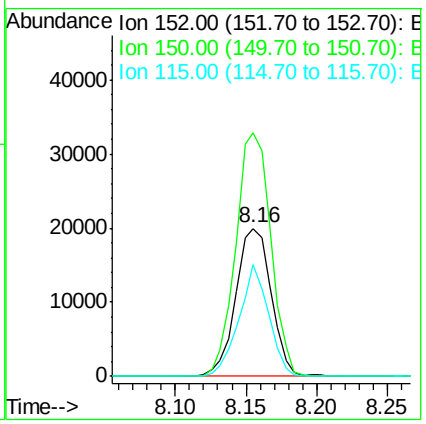


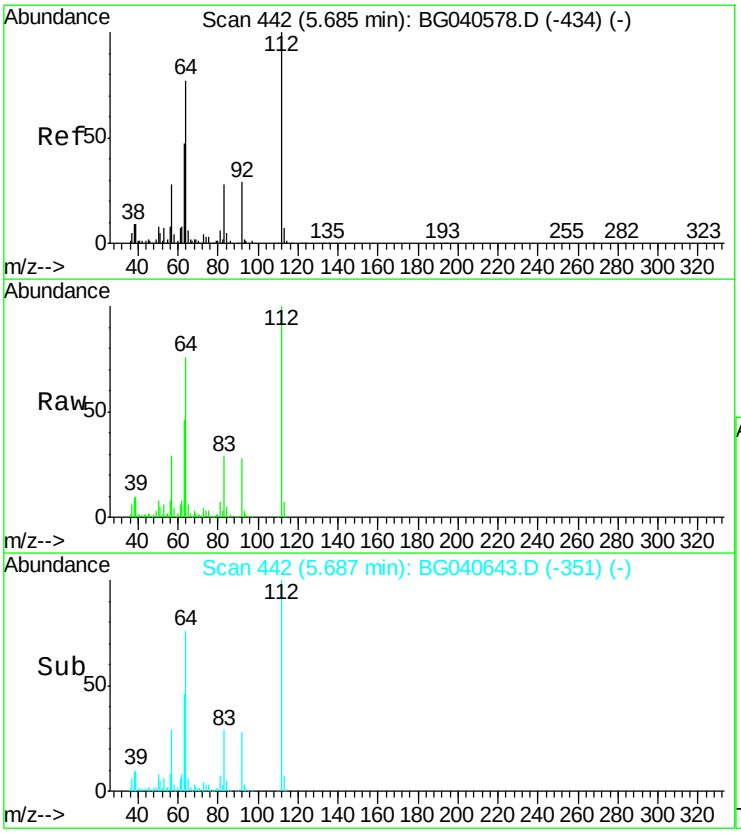
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG040643.D
Acq: 27 Apr 2019 1:02

Instrument :
BNA_G
ClientSampleId :
PB119239TB

Tgt Ion:152 Resp: 35006

Ion	Ratio	Lower	Upper
152	100		
150	164.6	120.2	180.2
115	75.3	46.2	69.2#

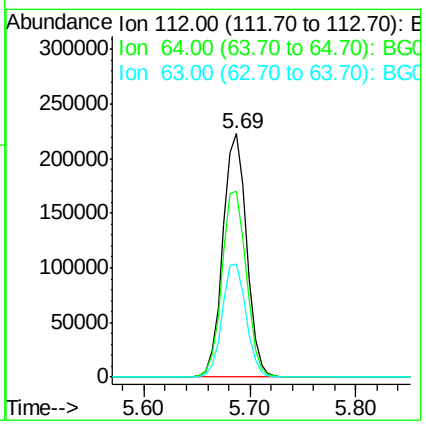


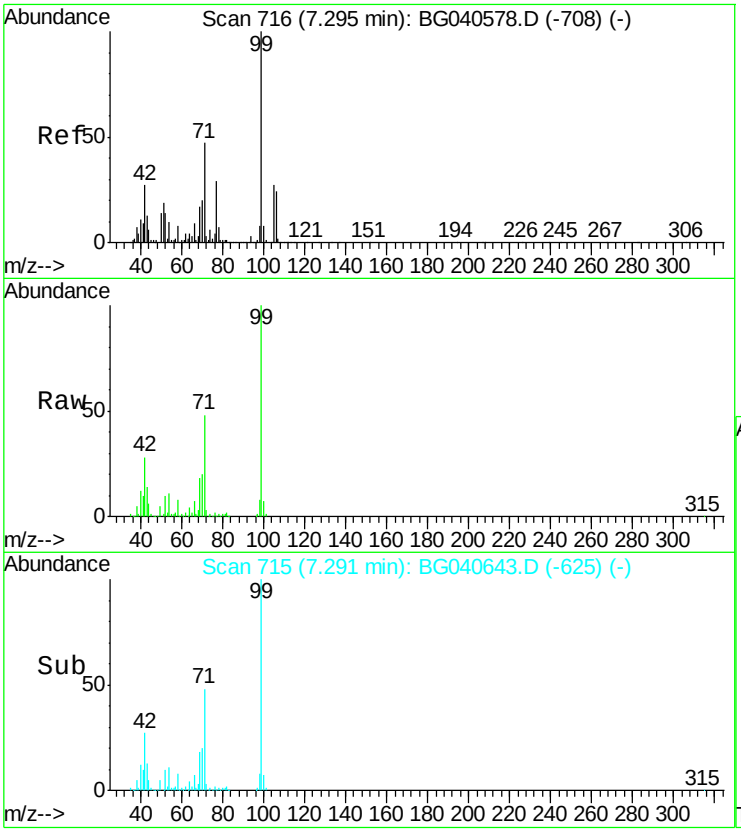


#5
2-Fluorophenol
Concen: 174.025 ng
RT: 5.69 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG040643.D
Acq: 27 Apr 2019 1:02

Tgt Ion:112 Resp: 345588

Ion	Ratio	Lower	Upper
112	100		
64	76.5	61.4	92.0
63	46.2	37.8	56.6



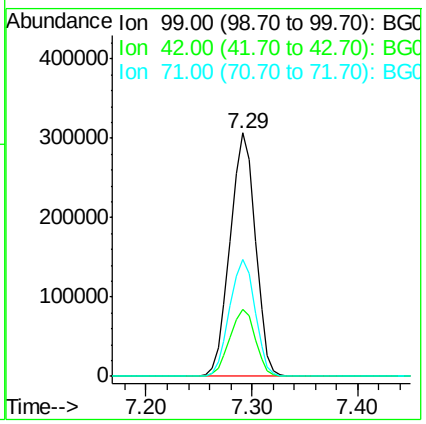


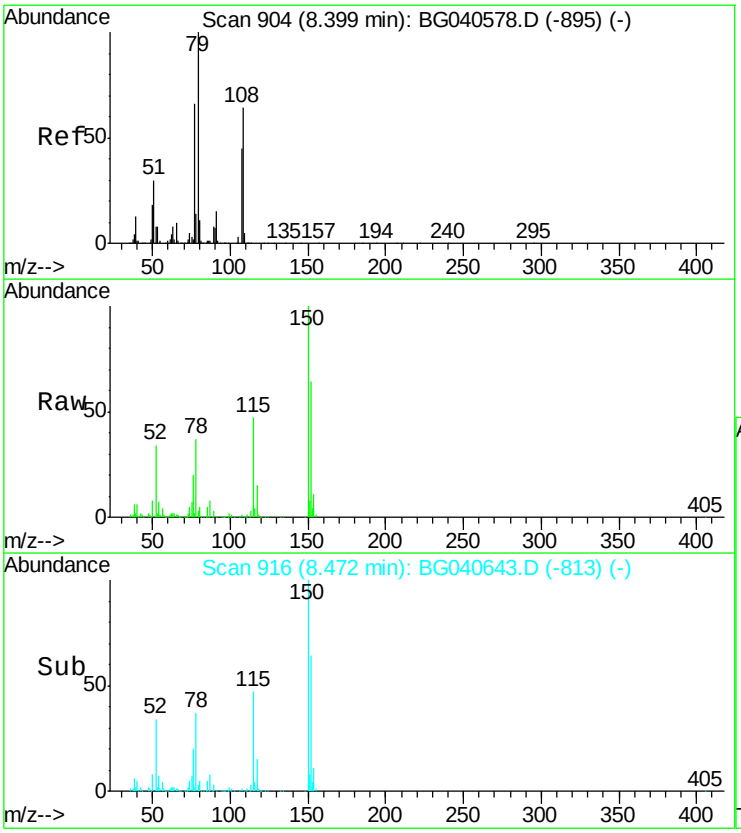
#7
Phenol-d6
Concen: 165.926 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG040643.D
Acq: 27 Apr 2019 1:02

Instrument :
BNA_G
ClientSampleId :
PB119239TB

Tgt Ion: 99 Resp: 507344

Ion	Ratio	Lower	Upper
99	100		
42	27.5	21.8	32.8
71	48.2	38.6	57.8

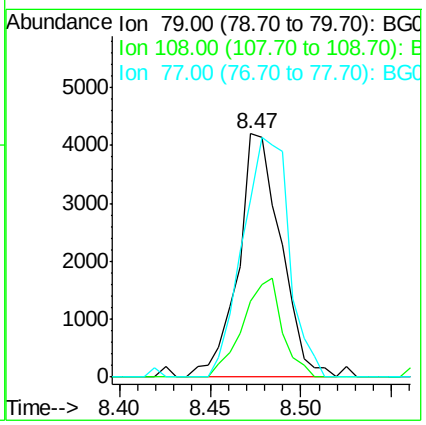


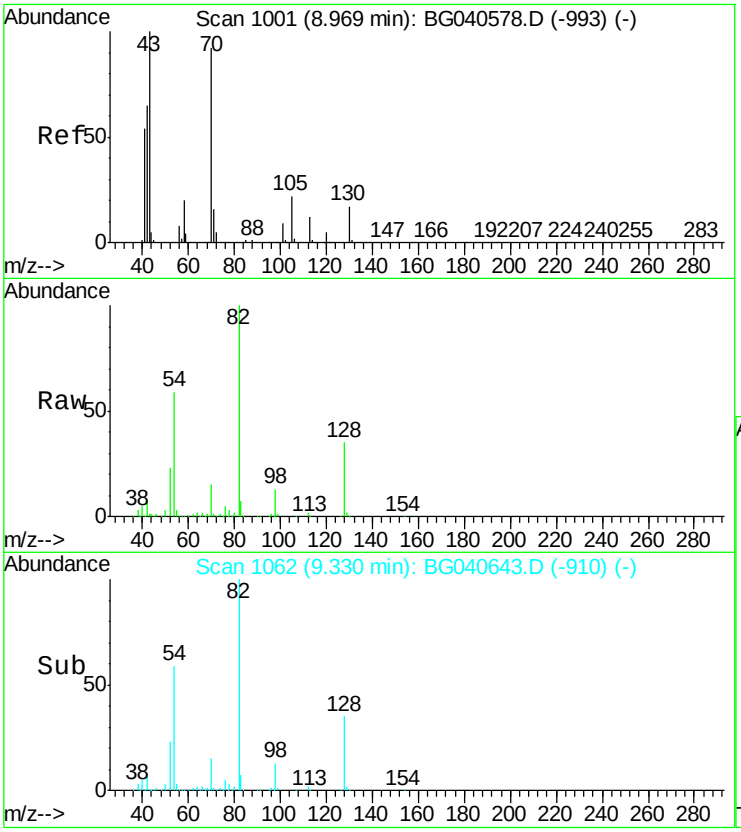


#15
Benzyl Alcohol
Concen: 2.162 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.07 min
Lab File: BG040643.D
Acq: 27 Apr 2019 1:02

Tgt Ion: 79 Resp: 6879

Ion	Ratio	Lower	Upper
79	100		
108	31.4	51.4	77.0#
77	72.8	52.6	79.0



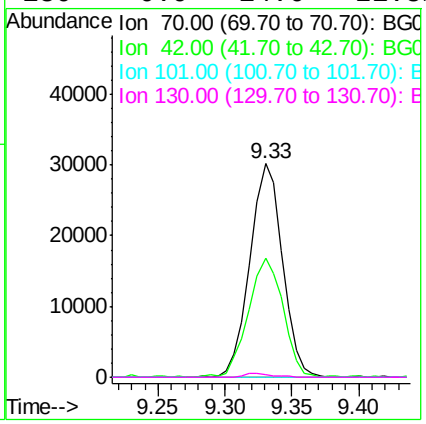


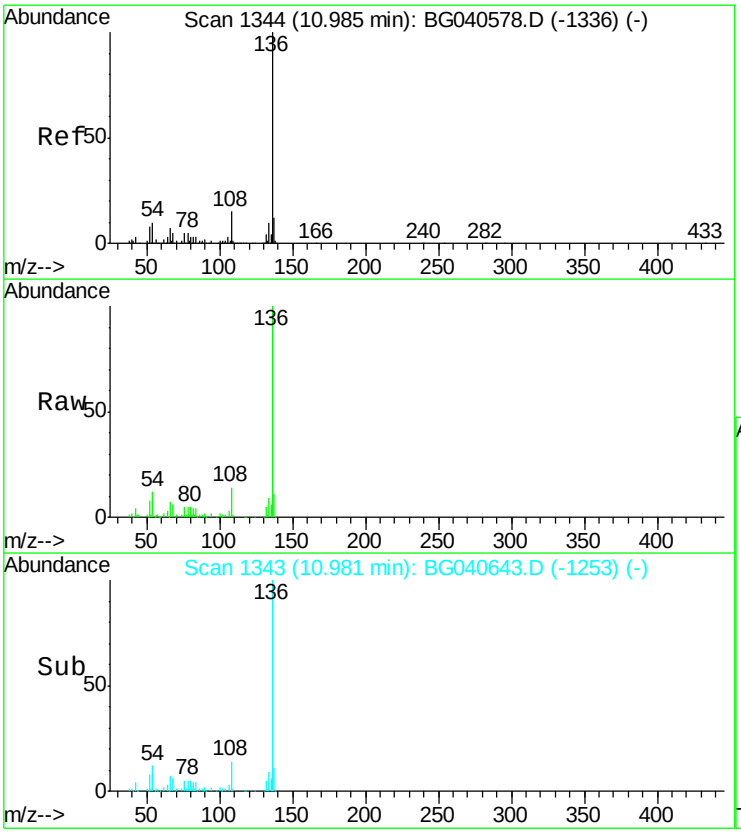
#19
n-Nitroso-di-n-propylamine
Concen: 18.410 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.36 min
Lab File: BG040643.D
Acq: 27 Apr 2019 1:02

Instrument :
BNA_G
ClientSampleId :
PB119239TB

Tgt Ion: 70 Resp: 50673

Ion	Ratio	Lower	Upper
70	100		
42	55.6	57.1	85.7#
101	0.0	7.8	11.8#
130	0.9	14.6	21.8#

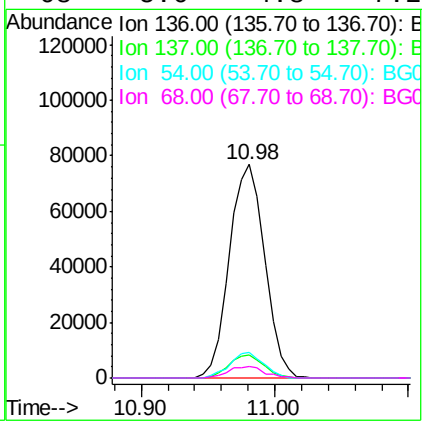


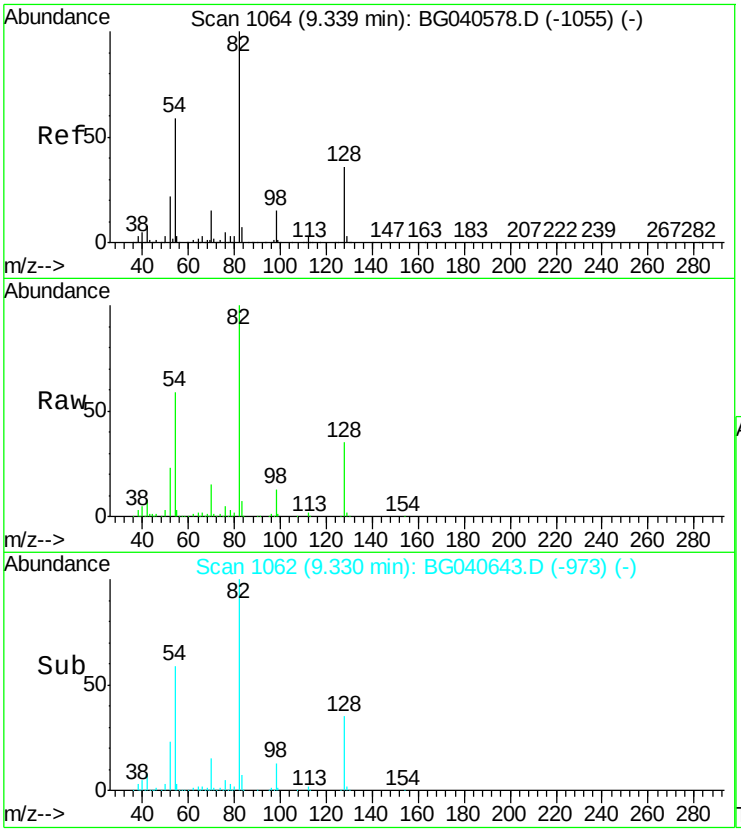


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG040643.D
Acq: 27 Apr 2019 1:02

Tgt Ion:136 Resp: 141124

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.7	14.5
54	12.1	8.6	12.8
68	5.6	4.8	7.2



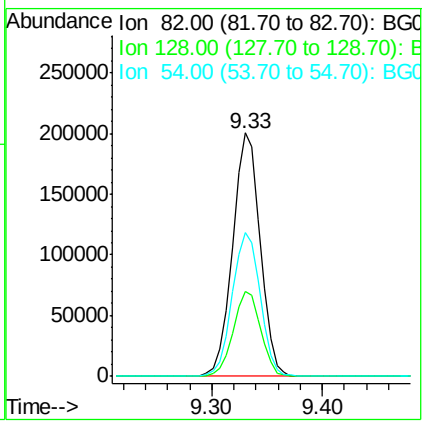


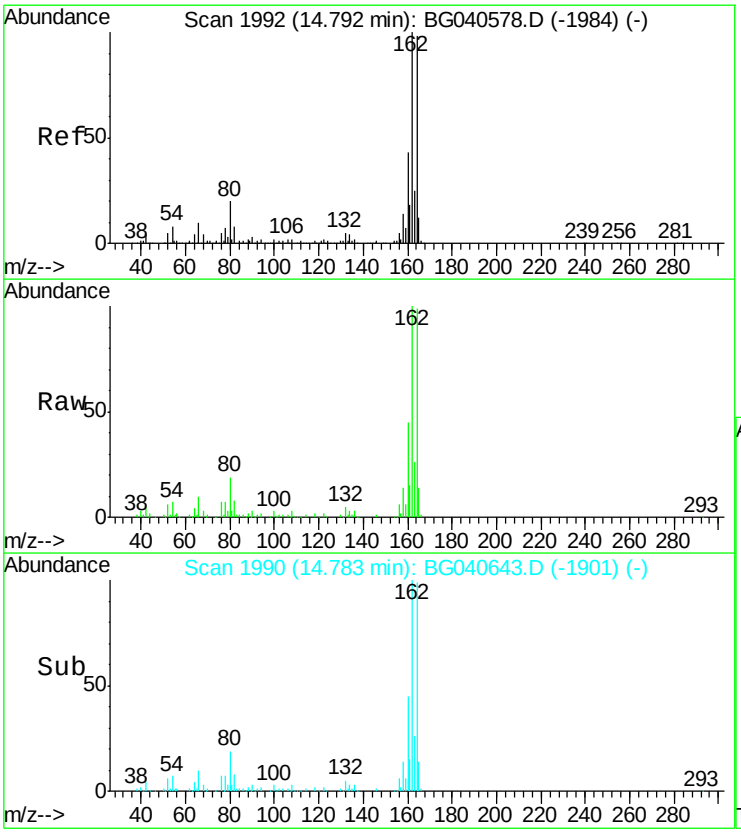
#23
Nitrobenzene-d5
Concen: 115.102 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BG040643.D
Acq: 27 Apr 2019 1:02

Instrument :
BNA_G
ClientSampleId :
PB119239TB

Tgt Ion: 82 Resp: 351547

Ion	Ratio	Lower	Upper
82	100		
128	34.8	28.9	43.3
54	58.9	47.2	70.8

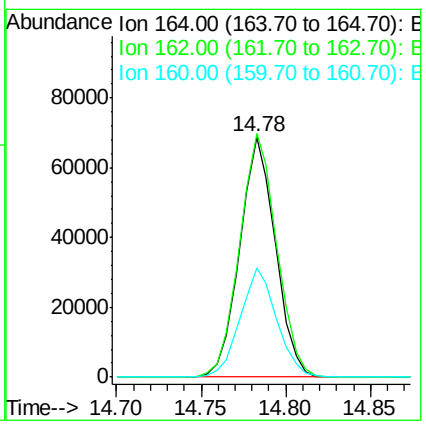


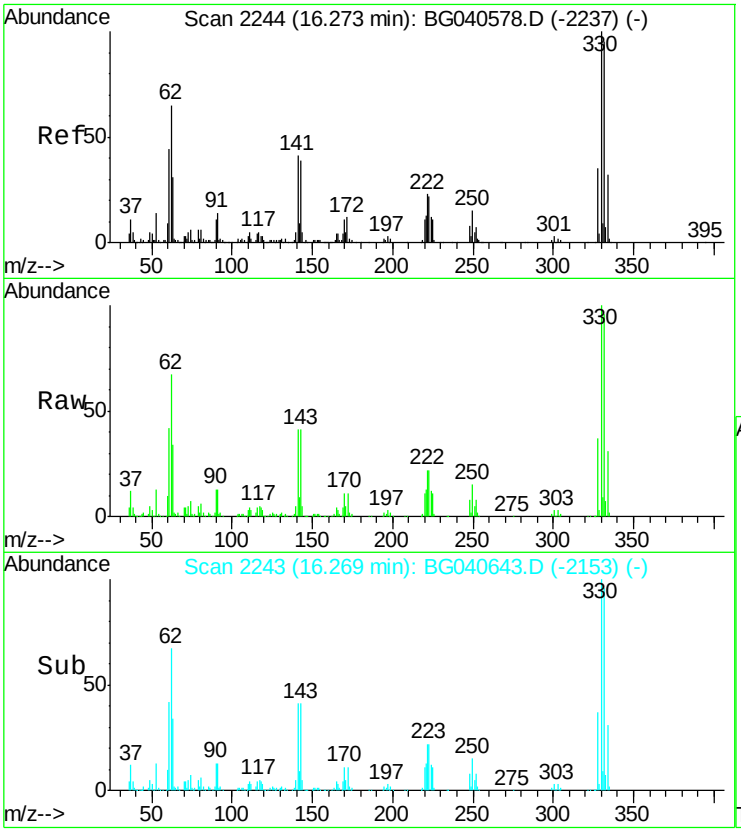


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG040643.D
Acq: 27 Apr 2019 1:02

Tgt Ion:164 Resp: 100686

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.9	122.9
160	45.5	35.4	53.2



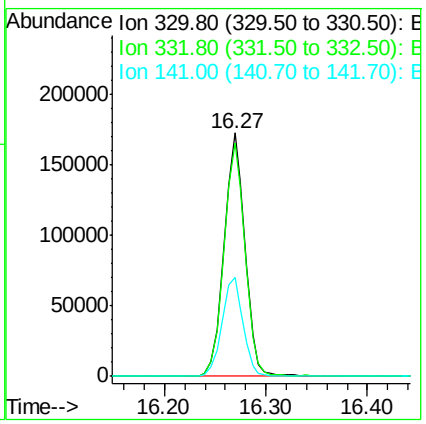


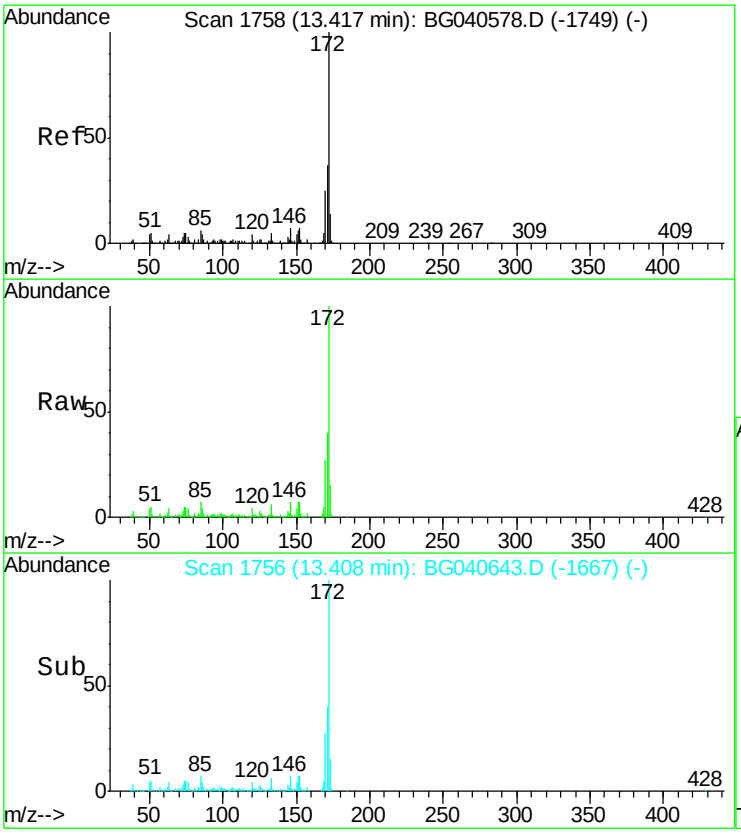
#42
2,4,6-Tribromophenol
Concen: 178.060 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BG040643.D
Acq: 27 Apr 2019 1:02

Instrument :
BNA_G
ClientSampleId :
PB119239TB

Tgt Ion:330 Resp: 246426

Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.9	113.9
141	41.1	32.4	48.6

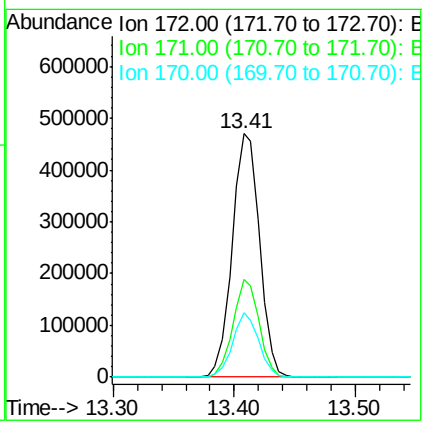


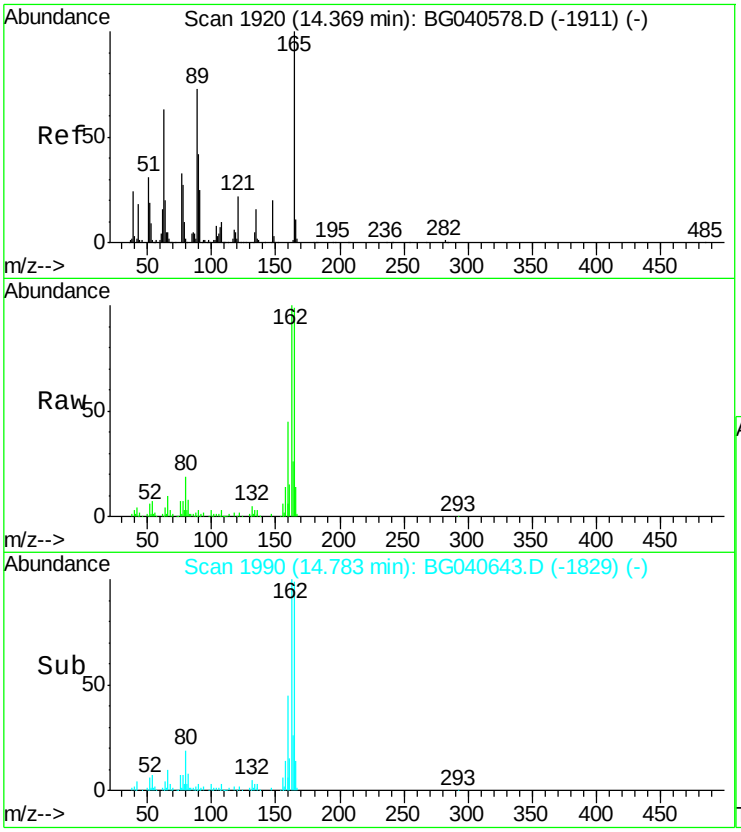


#45
2-Fluorobiphenyl
Concen: 106.100 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG040643.D
Acq: 27 Apr 2019 1:02

Tgt Ion:172 Resp: 739702

Ion	Ratio	Lower	Upper
172	100		
171	40.3	29.4	44.2
170	26.7	19.9	29.9



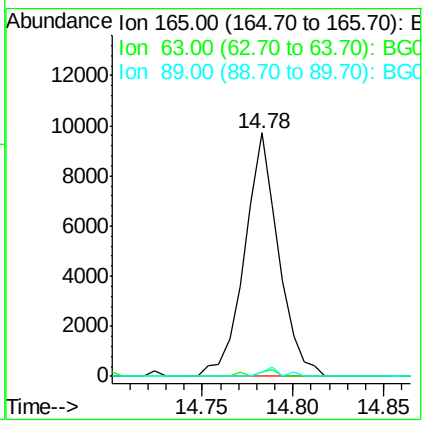


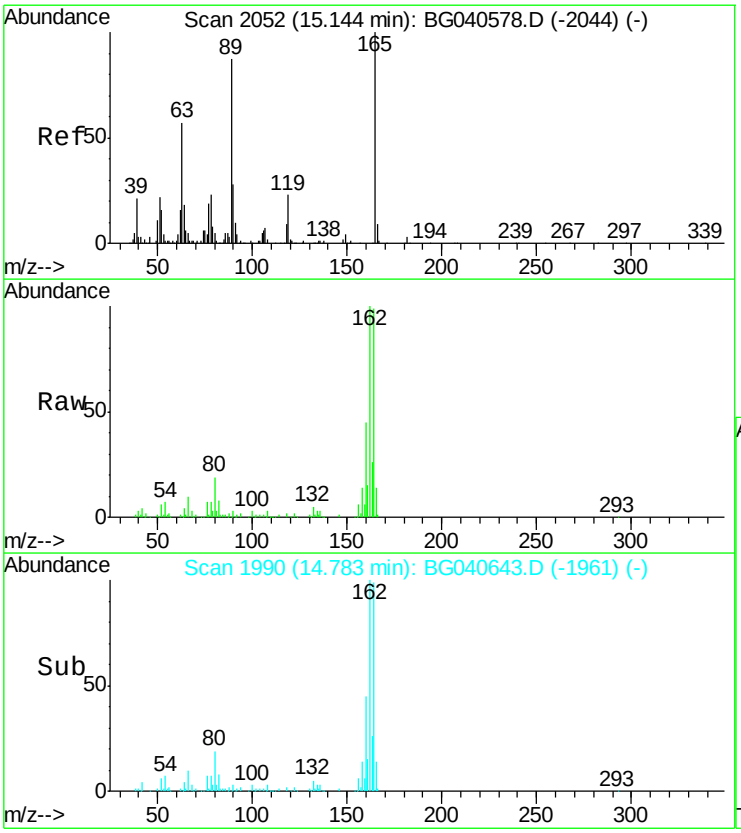
#51
2,6-Dinitrotoluene
Concen: 7.667 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.41 min
Lab File: BG040643.D
Acq: 27 Apr 2019 1:02

Instrument :
BNA_G
ClientSampleId :
PB119239TB

Tgt Ion:165 Resp: 12605

Ion	Ratio	Lower	Upper
165	100		
63	2.0	61.0	91.4#
89	1.6	58.6	87.8#

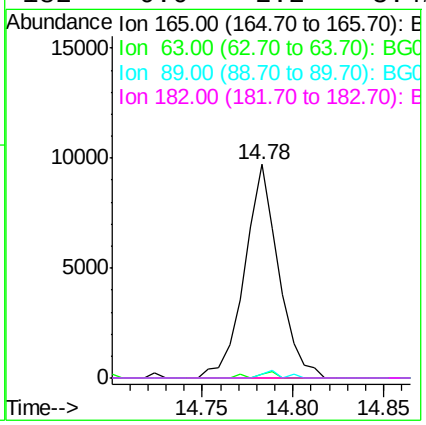


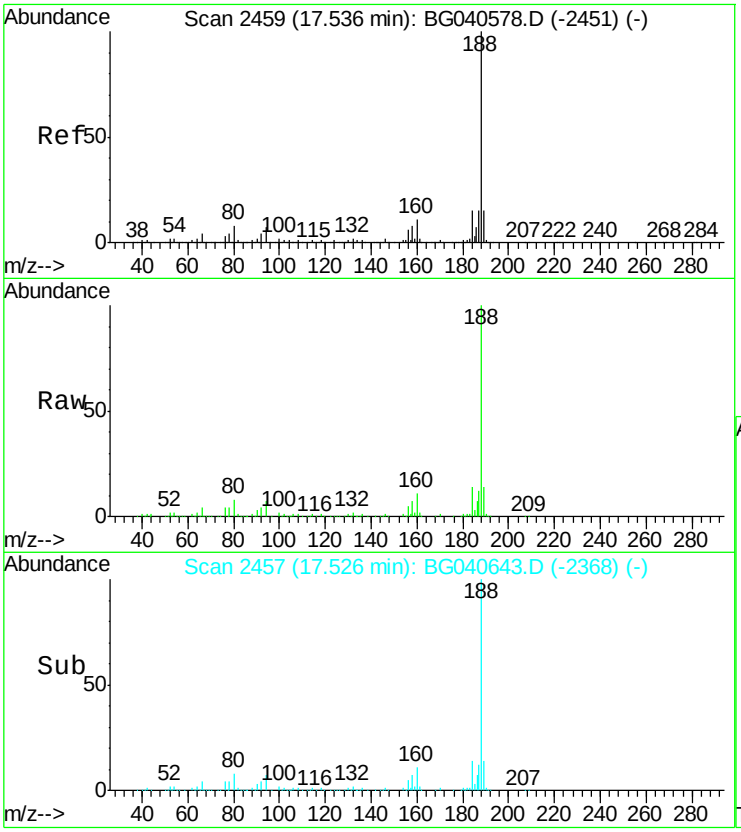


#57
2,4-Dinitrotoluene
Concen: 5.642 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.36 min
Lab File: BG040643.D
Acq: 27 Apr 2019 1:02

Tgt Ion:165 Resp: 12605

Ion	Ratio	Lower	Upper
165	100		
63	2.0	45.8	68.8#
89	1.6	69.4	104.2#
182	0.0	2.2	3.4#



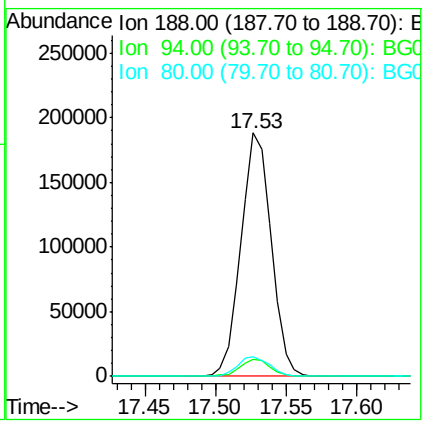


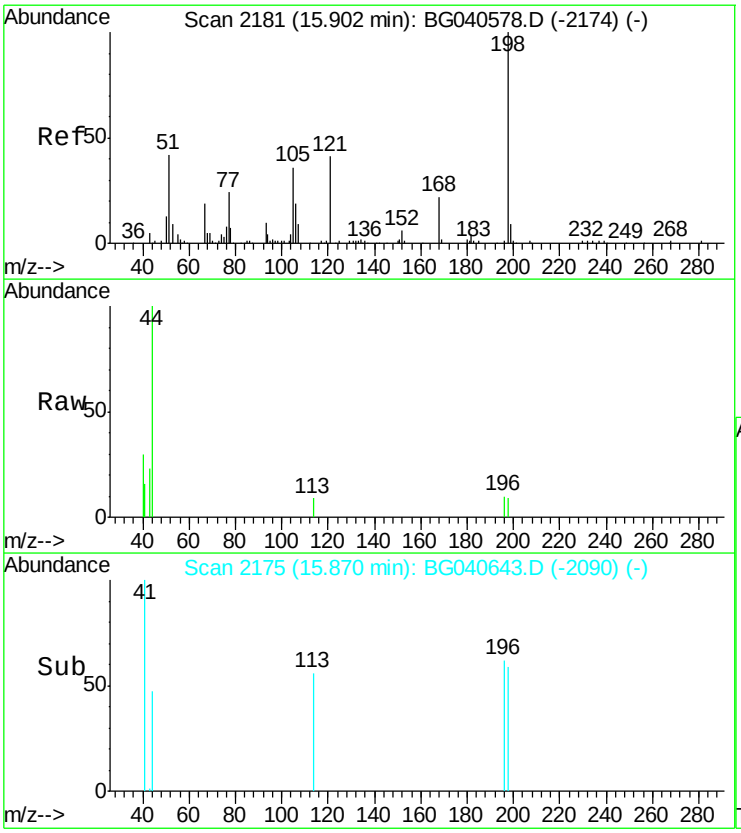
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG040643.D
Acq: 27 Apr 2019 1:02

Instrument :
BNA_G
ClientSampleId :
PB119239TB

Tgt Ion:188 Resp: 282830

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.6	8.4
80	7.9	6.4	9.6

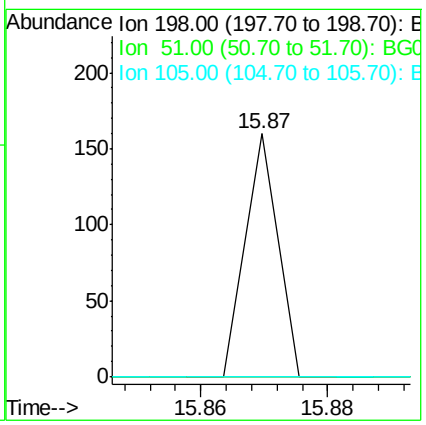


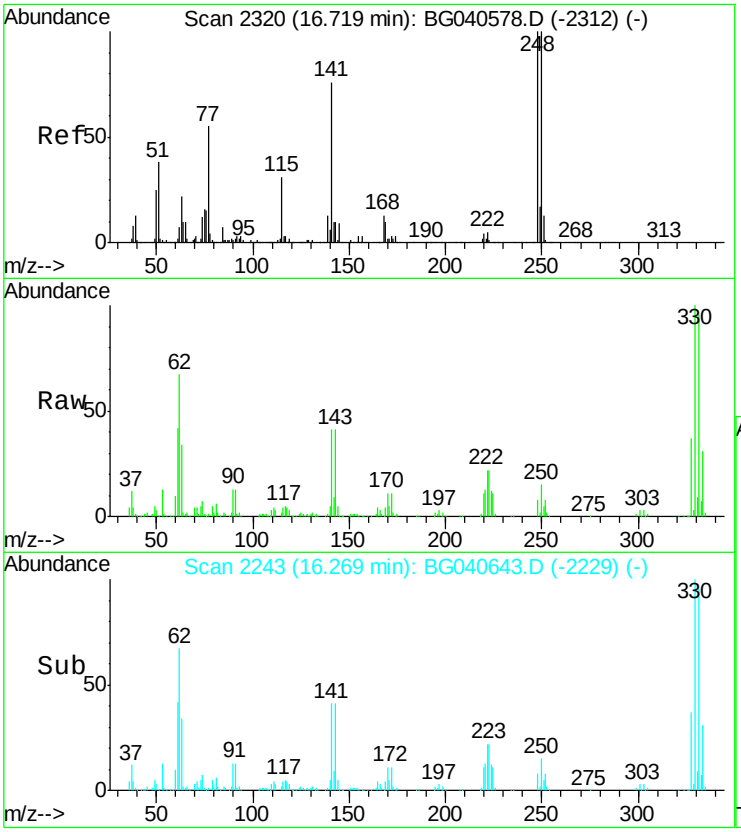


#65
4,6-Dinitro-2-methylphenol
Concen: 7.135 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.03 min
Lab File: BG040643.D
Acq: 27 Apr 2019 1:02

Tgt Ion:198 Resp: 56

Ion	Ratio	Lower	Upper
198	100		
51	0.0	35.9	75.9#
105	0.0	21.2	61.2#



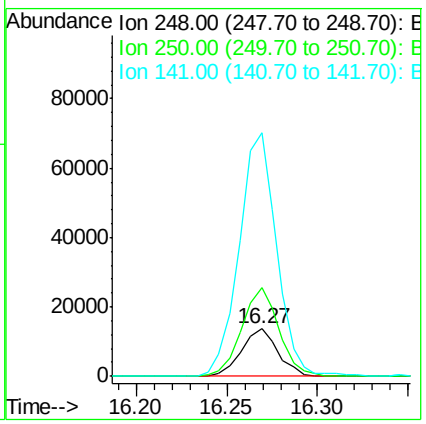


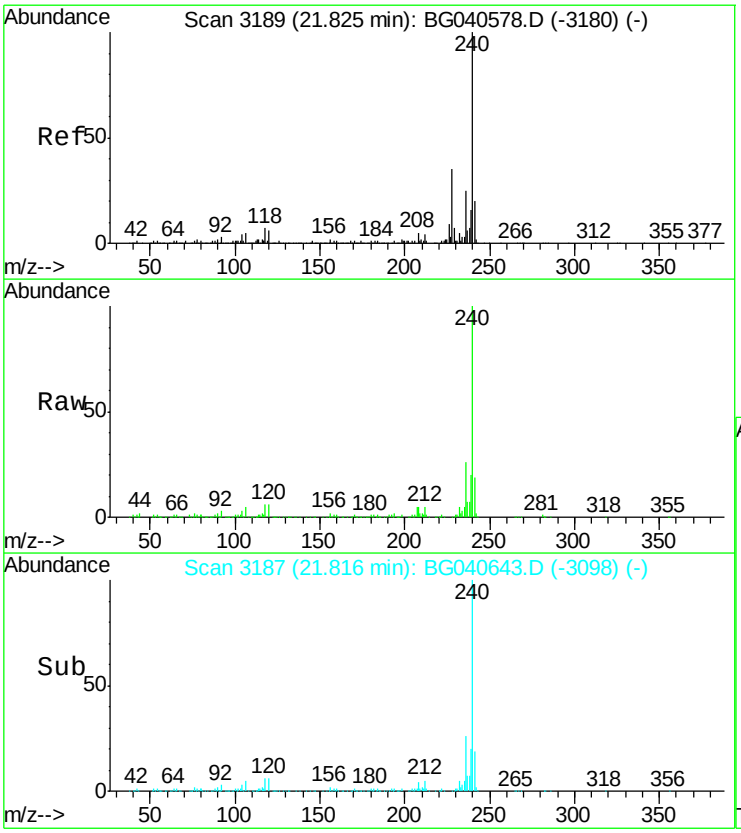
#67
4-Bromophenyl-phenylether
Concen: 5.409 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.45 min
Lab File: BG040643.D
Acq: 27 Apr 2019 1:02

Instrument :
BNA_G
ClientSampleId :
PB119239TB

Tgt Ion:248 Resp: 19058

Ion	Ratio	Lower	Upper
248	100		
250	188.4	79.8	119.6#
141	516.4	60.8	91.2#

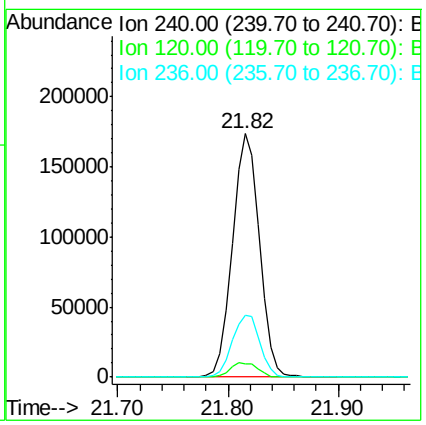


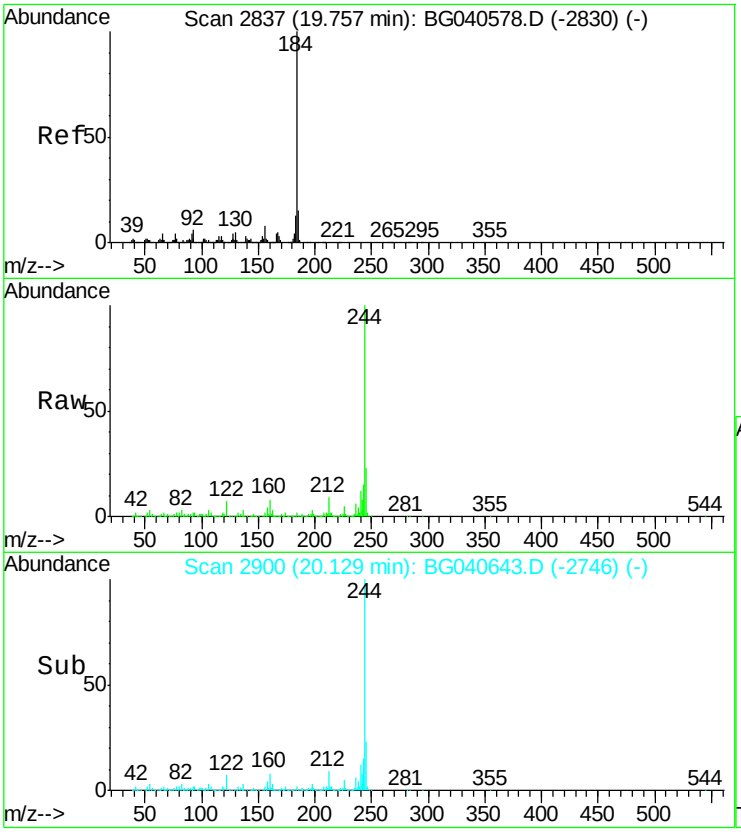


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3187
Delta R.T. -0.01 min
Lab File: BG040643.D
Acq: 27 Apr 2019 1:02

Tgt Ion:240 Resp: 297669

Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.0	7.6
236	25.5	20.3	30.5



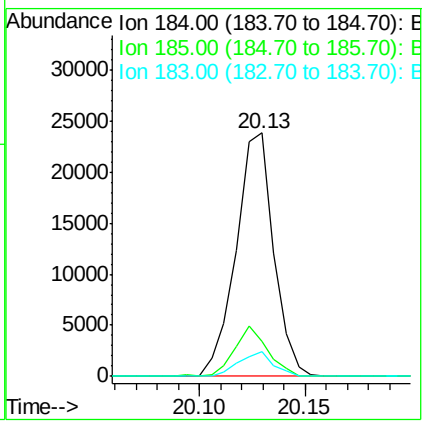


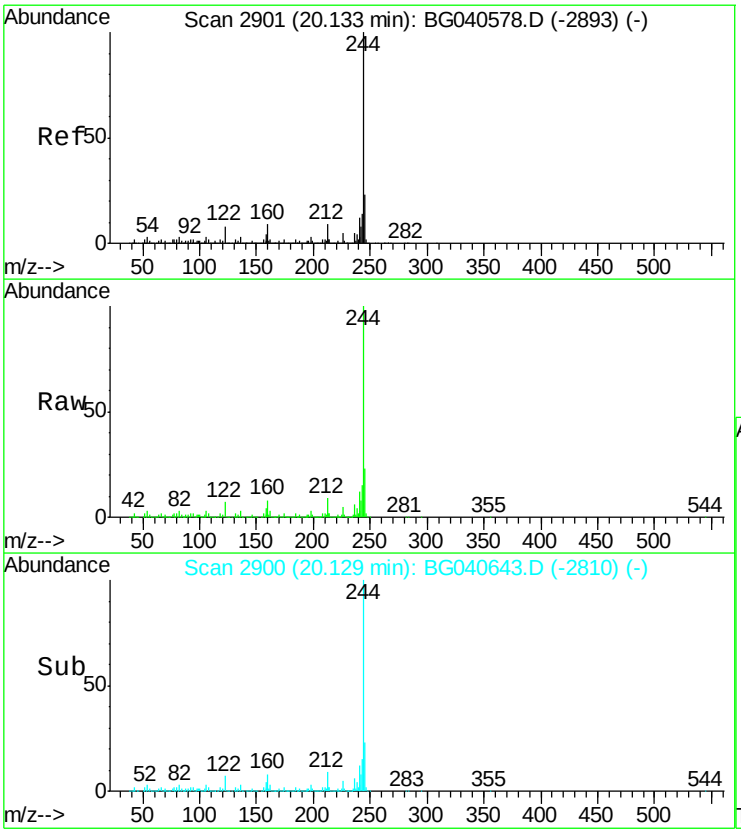
#77
Benzidine
Concen: 3.604 ng
RT: 20.13 min Scan# 2900
Delta R.T. 0.37 min
Lab File: BG040643.D
Acq: 27 Apr 2019 1:02

Instrument :
BNA_G
ClientSampleId :
PB119239TB

Tgt Ion:184 Resp: 29375

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.8
183	10.2	10.2	15.2

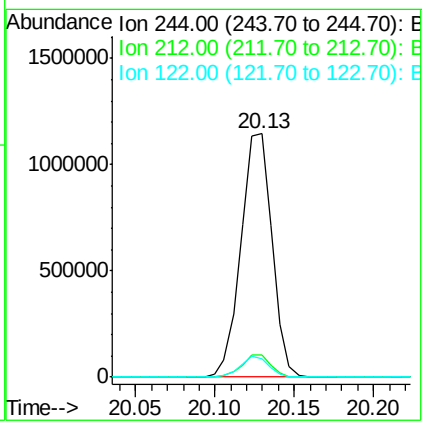


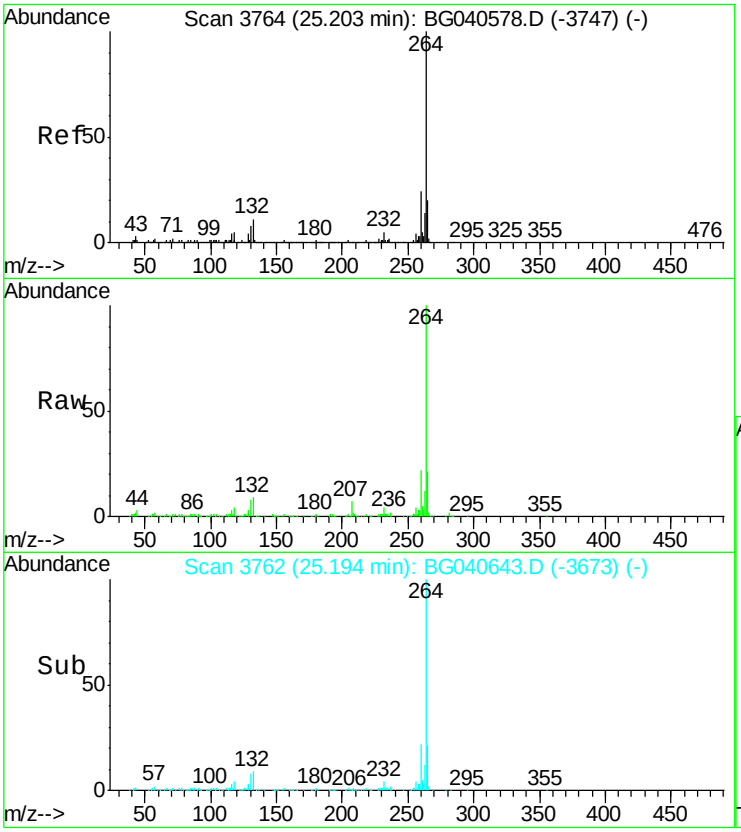


#79
Terphenyl-d14
Concen: 115.576 ng
RT: 20.13 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG040643.D
Acq: 27 Apr 2019 1:02

Tgt Ion:244 Resp: 1552901

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.2	10.8
122	7.4	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG040643.D
Acq: 27 Apr 2019 1:02

Instrument :
BNA_G
ClientSampleId :
PB119239TB

Tgt Ion:264 Resp: 312450

Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.2	28.8
265	21.0	16.6	25.0