Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
Data File : BG043045.D
Acq On : 5 Oct 2019 3:35
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 05 06:26:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	63796	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	237906	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	170317	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	417972	20.00	ng		-0.01
76) Chrysene-d12	21.69	240	462625	20.00	ng		-0.02
87) Perylene-d12	24.92	264	535904	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	332431	92.99	ng		-0.02
7) Phenol-d6	7.23	99	312363	60.68	ng		-0.01
23) Nitrobenzene-d5	9.22	82	424136	86.65	ng		-0.01
42) 2,4,6-Tribromophenol	16.17	330	424906	145.08	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	1025419	87.28	ng		-0.02
79) Terphenyl-d14	20.03	244	2076087	95.63	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.25	94	44271	9.373	ng		90
19) n-Nitroso-di-n-propylamine	9.22	70	59955	17.737	ng	#	73
35) Caprolactam	11.77	113	8138	6.079	ng	#	69
50) Dimethylphthalate	14.13	163	178880	14.017	ng	#	96
51) 2,6-Dinitrotoluene	14.22	165	10305	3.792	ng	#	21
57) 2,4-Dinitrotoluene	14.68	165	22896	5.753	ng	#	25
67) 4-Bromophenyl-phenylether	16.17	248	27668	5.274	ng	#	1
77) Benzidine	20.03	184	33220	2.868	ng	#	94

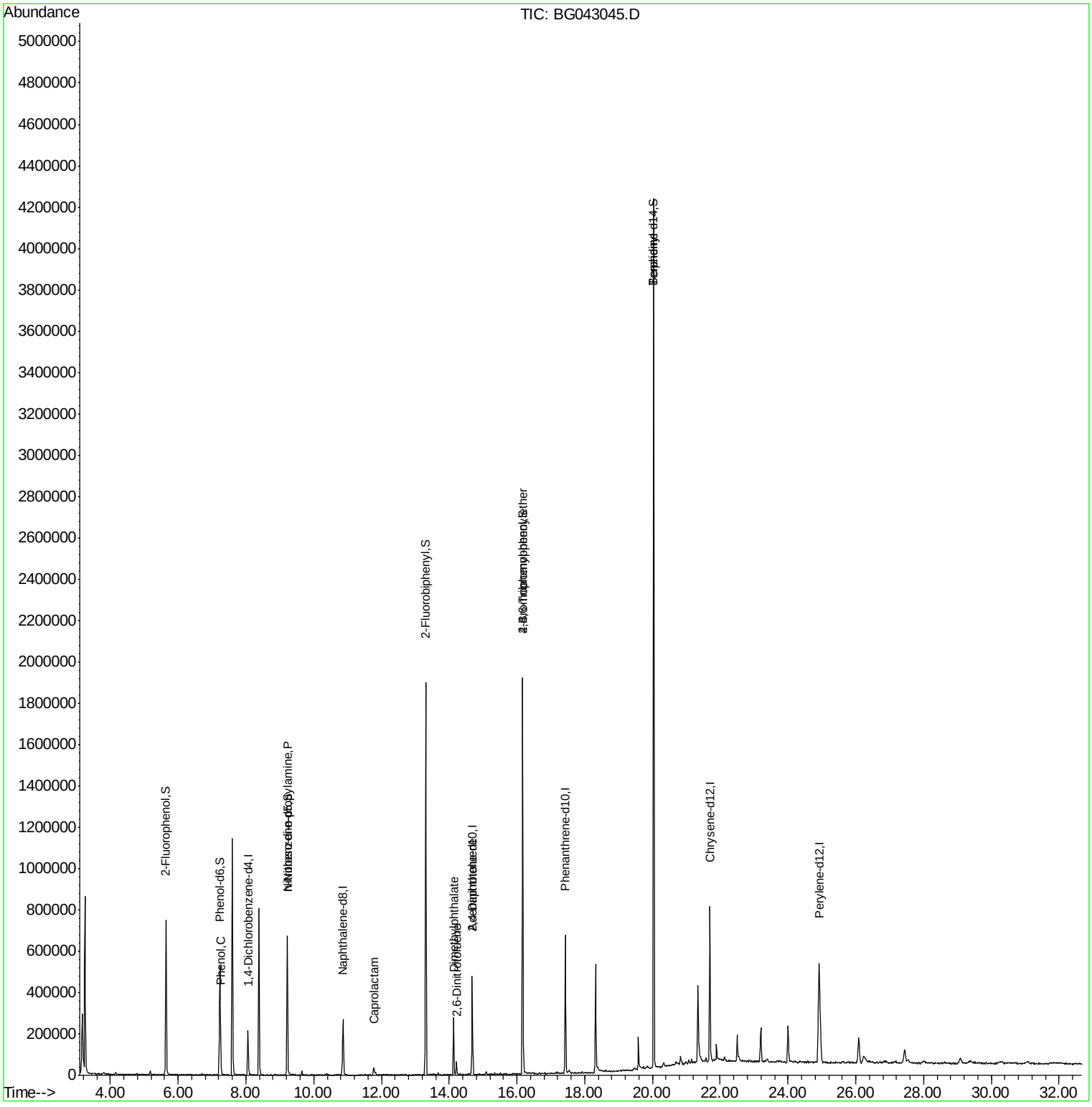
(#) = qualifier out of range (m) = manual integration (+) = signals summed

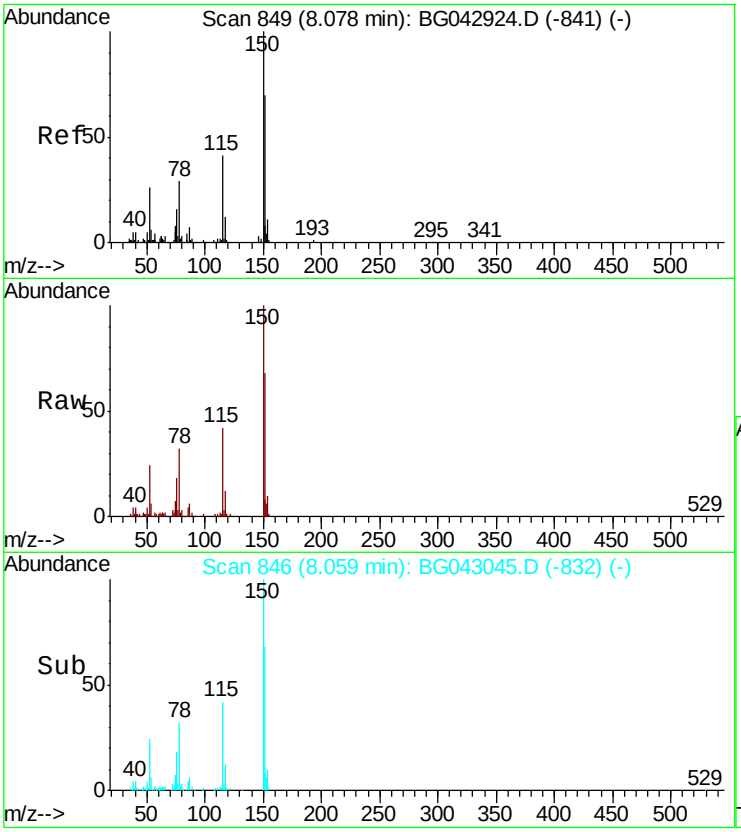
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
Data File : BG043045.D
Acq On : 5 Oct 2019 3:35
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Quant Time: Oct 05 06:26:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration



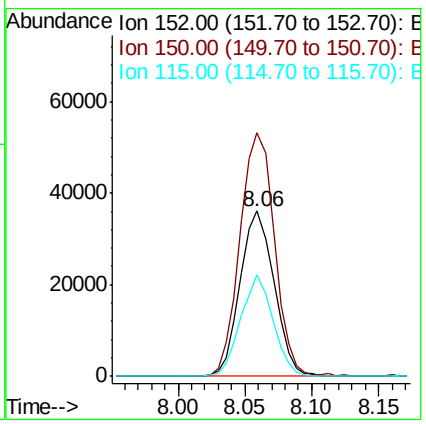


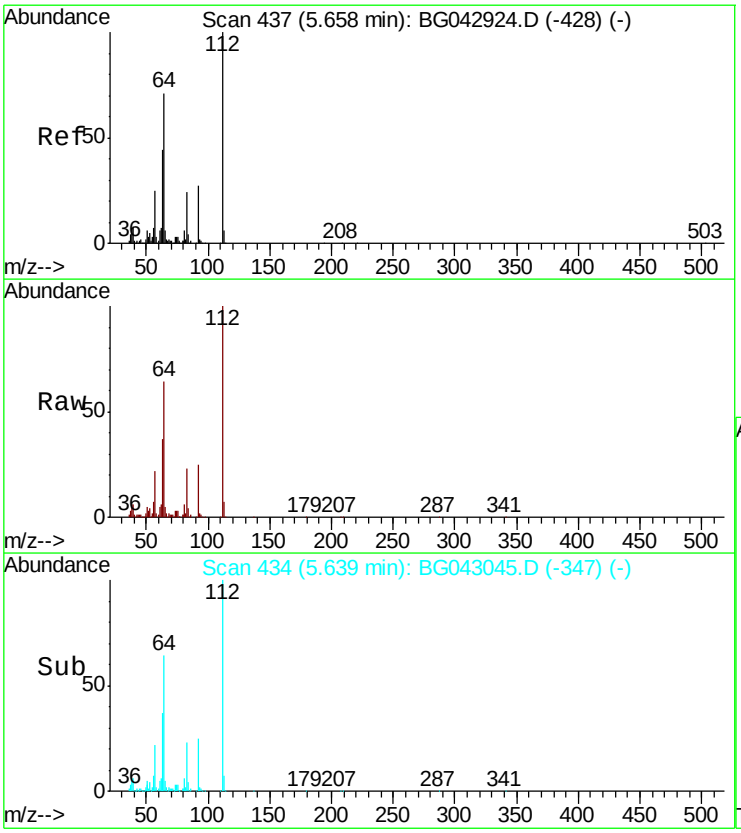
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043045.D
Acq: 5 Oct 2019 3:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 63796

Ion	Ratio	Lower	Upper
152	100		
150	147.2	115.0	172.4
115	61.6	47.0	70.6

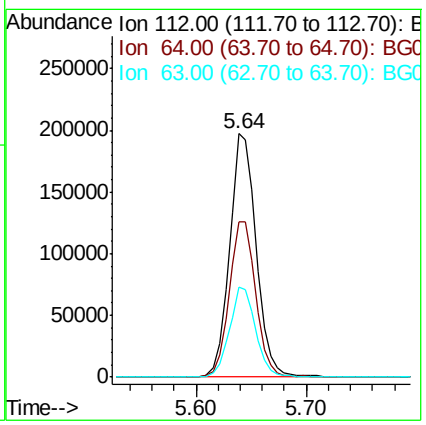


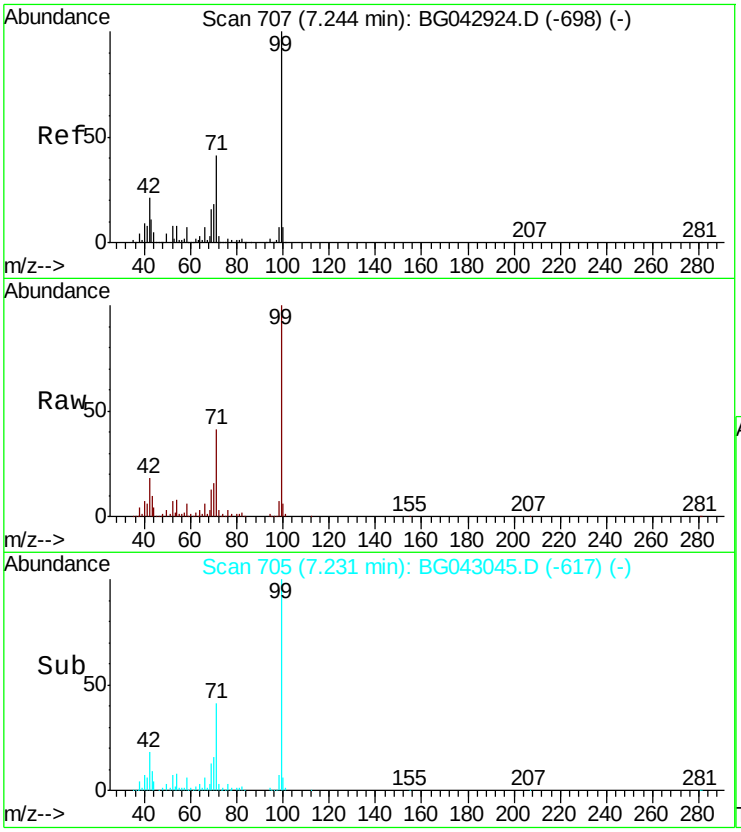


#5
2-Fluorophenol
Concen: 92.994 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.02 min
Lab File: BG043045.D
Acq: 5 Oct 2019 3:35

Tgt Ion:112 Resp: 332431

Ion	Ratio	Lower	Upper
112	100		
64	63.6	56.6	84.8
63	37.2	35.1	52.7



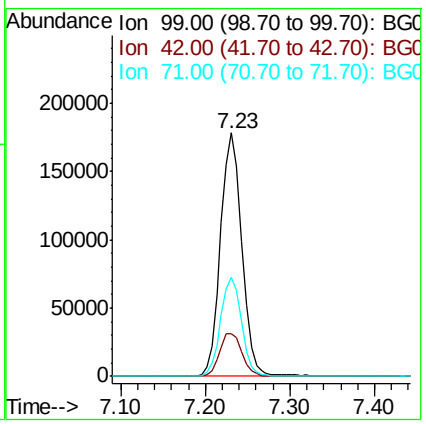


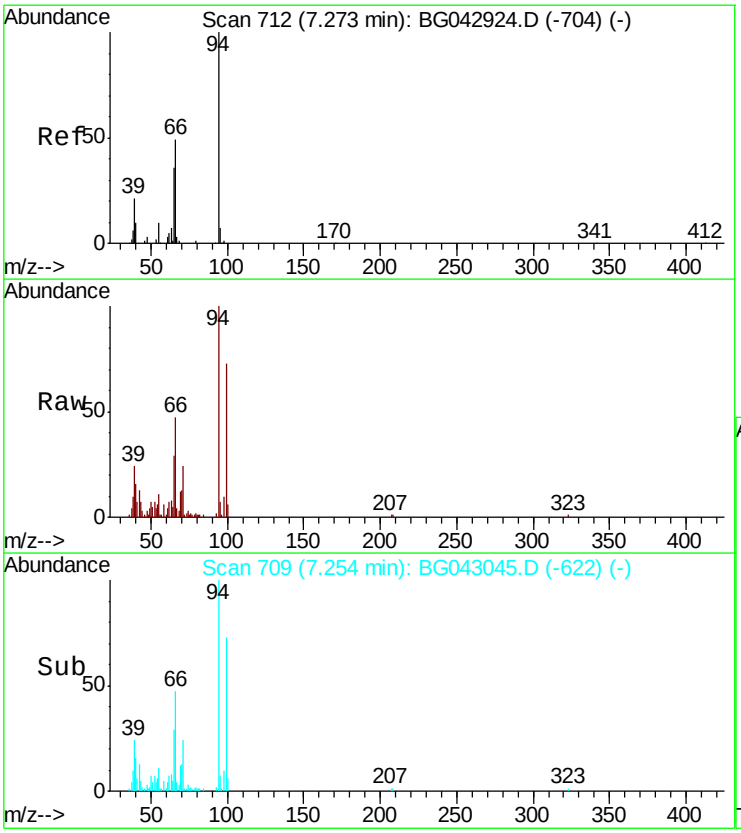
#7
Phenol-d6
Concen: 60.678 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.01 min
Lab File: BG043045.D
Acq: 5 Oct 2019 3:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 99 Resp: 312363

Ion	Ratio	Lower	Upper
99	100		
42	17.6	17.2	25.8
71	40.7	33.1	49.7

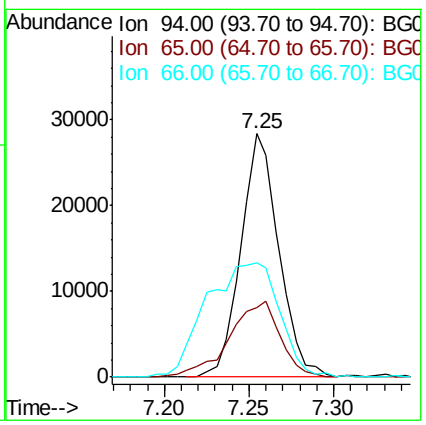


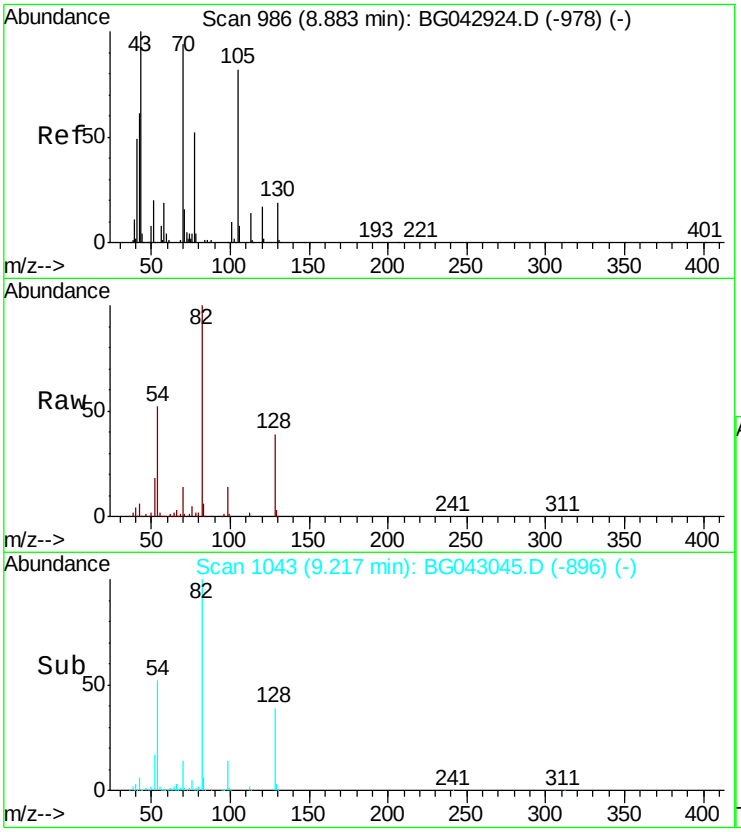


#10
Phenol
Concen: 9.373 ng
RT: 7.25 min Scan# 709
Delta R.T. -0.02 min
Lab File: BG043045.D
Acq: 5 Oct 2019 3:35

Tgt Ion: 94 Resp: 44271

Ion	Ratio	Lower	Upper
94	100		
65	28.6	16.6	56.6
66	47.0	32.4	72.4



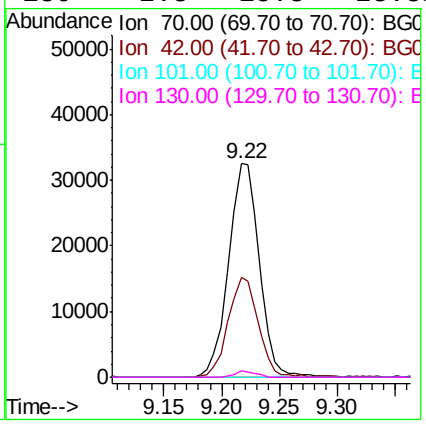


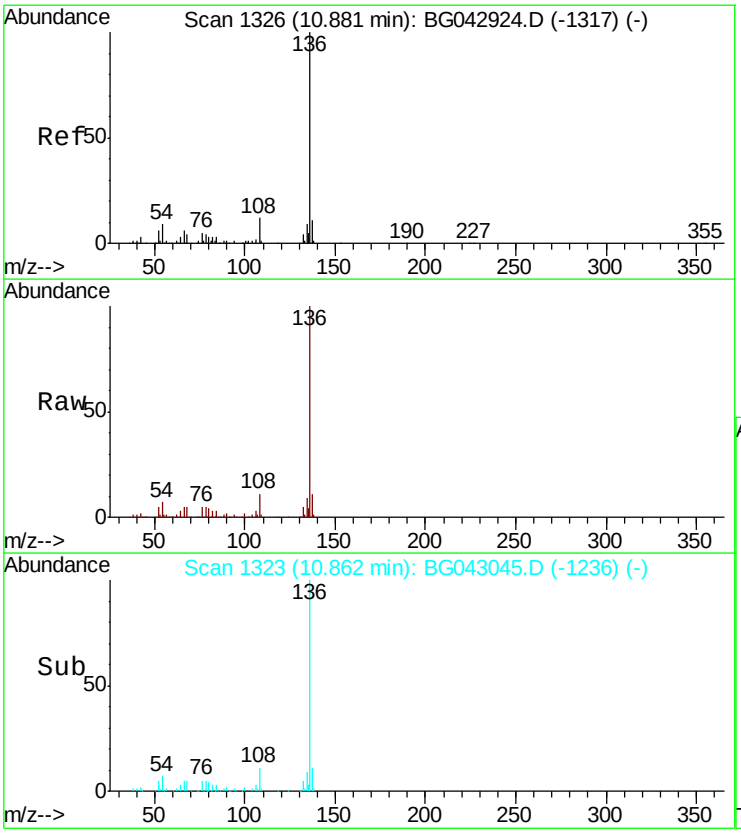
#19
n-Nitroso-di-n-propylamine
Concen: 17.737 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.33 min
Lab File: BG043045.D
Acq: 5 Oct 2019 3:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 59955

Ion	Ratio	Lower	Upper
70	100		
42	46.5	52.6	79.0#
101	0.0	8.7	13.1#
130	2.8	15.8	23.8#

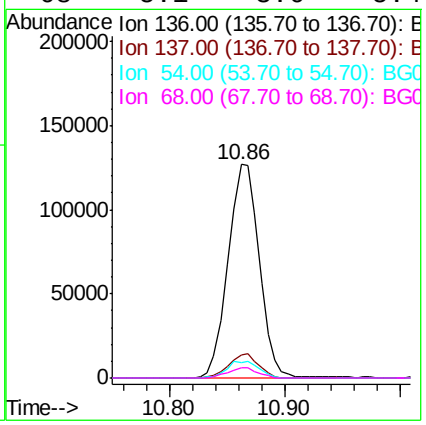


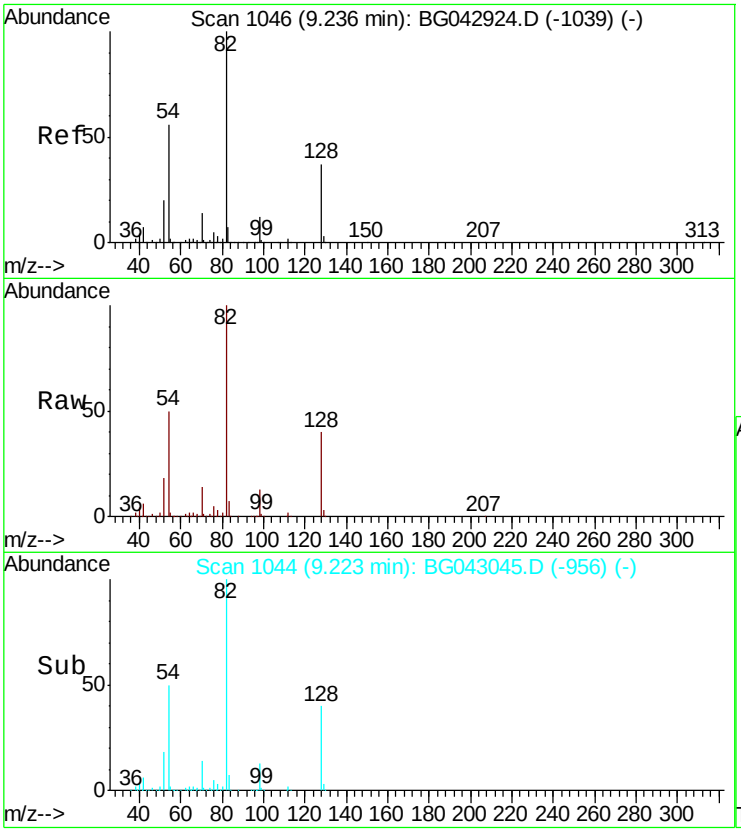


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043045.D
Acq: 5 Oct 2019 3:35

Tgt Ion:136 Resp: 237906

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.4	7.4	11.2#
68	5.1	3.6	5.4



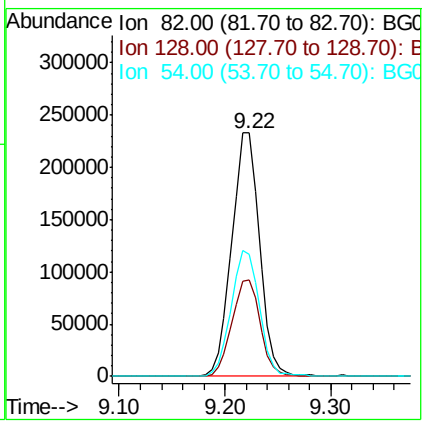


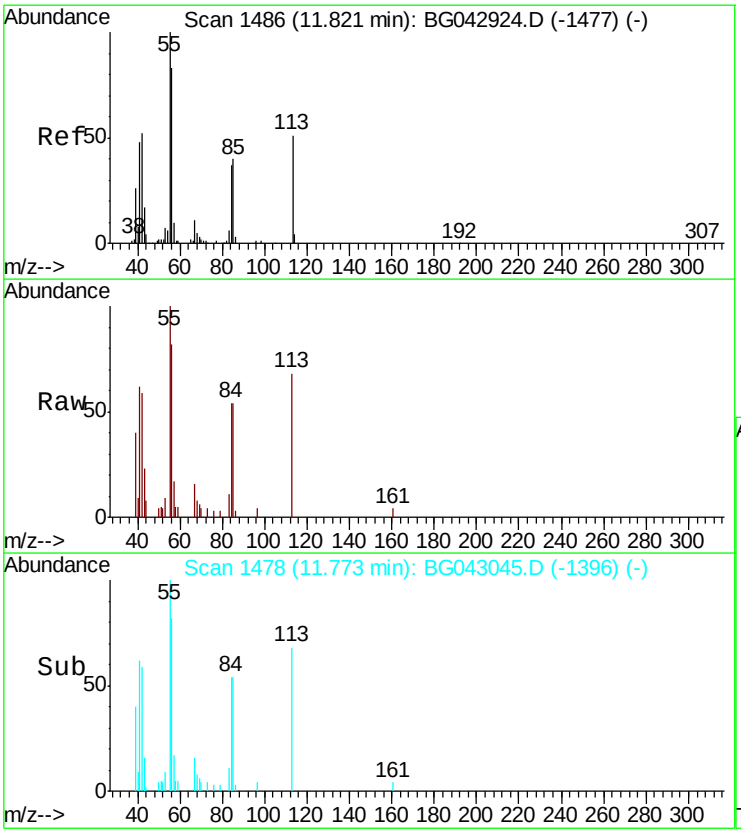
#23
Nitrobenzene-d5
Concen: 86.653 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043045.D
Acq: 5 Oct 2019 3:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 424136

Ion	Ratio	Lower	Upper
82	100		
128	39.5	29.5	44.3
54	50.0	44.6	67.0

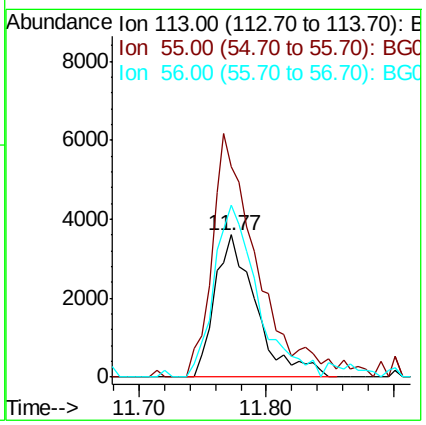


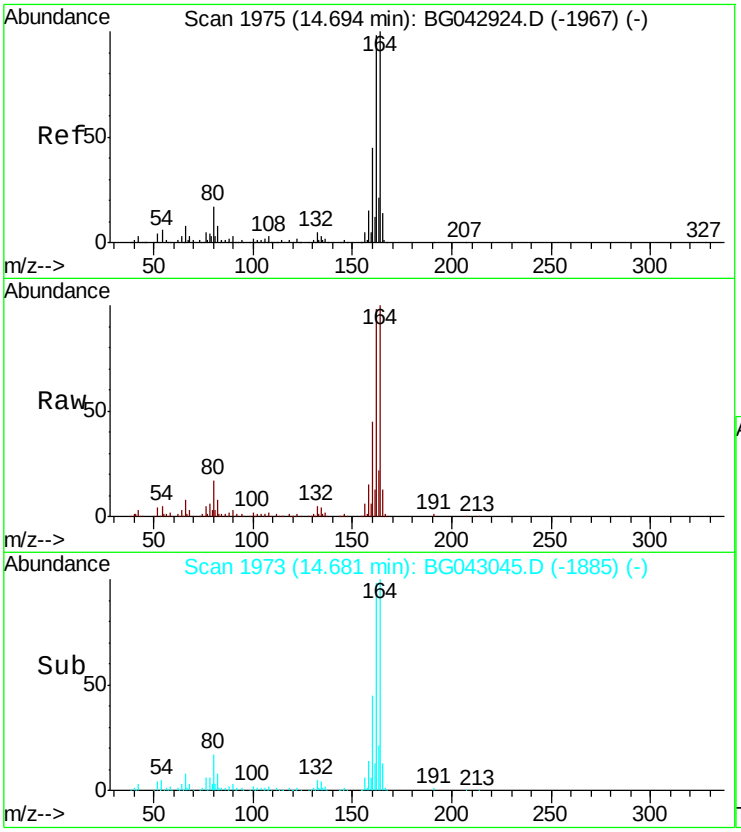


#35
Caprolactam
Concen: 6.079 ng
RT: 11.77 min Scan# 1478
Delta R.T. -0.05 min
Lab File: BG043045.D
Acq: 5 Oct 2019 3:35

Tgt Ion:113 Resp: 8138

Ion	Ratio	Lower	Upper
113	100		
55	148.1	175.5	215.5#
56	121.3	142.3	182.3#



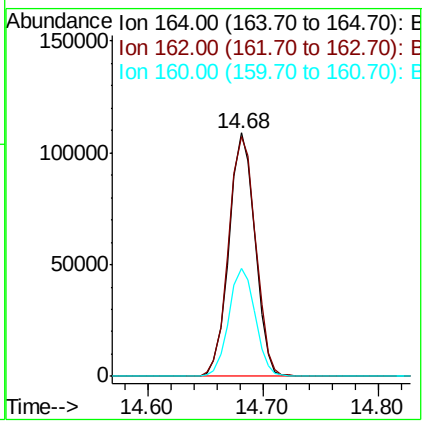


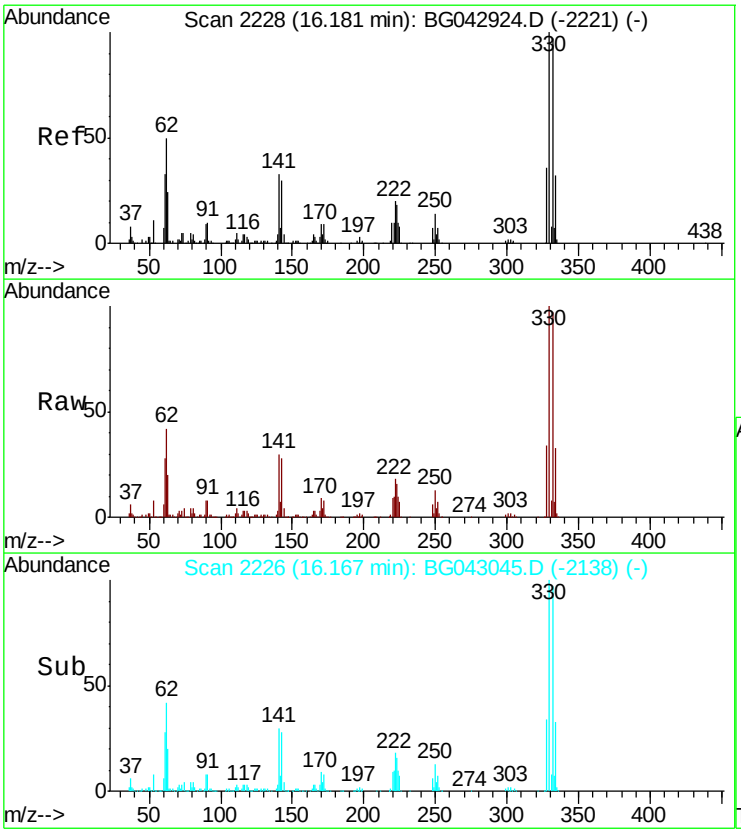
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG043045.D
Acq: 5 Oct 2019 3:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:164 Resp: 170317

Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.5	117.7
160	44.5	35.9	53.9

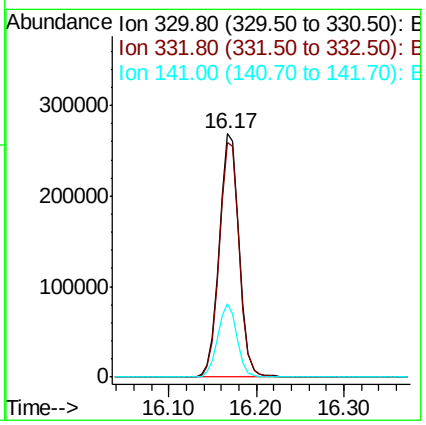


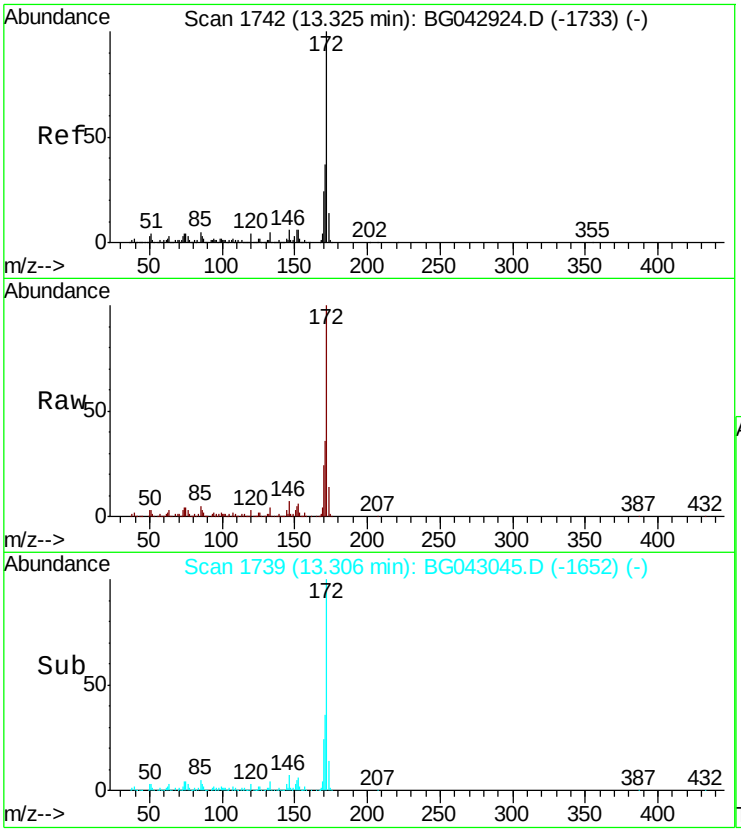


#42
2,4,6-Tribromophenol
Concen: 145.083 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG043045.D
Acq: 5 Oct 2019 3:35

Tgt Ion:330 Resp: 424906

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.2	117.2
141	29.3	26.0	39.0



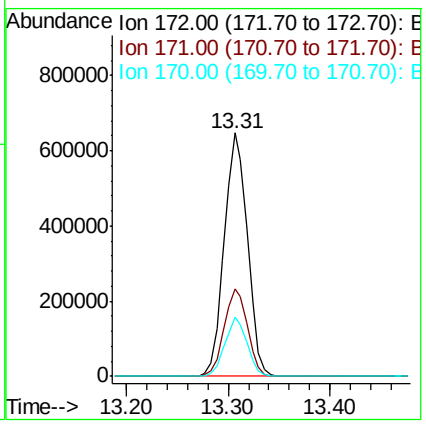


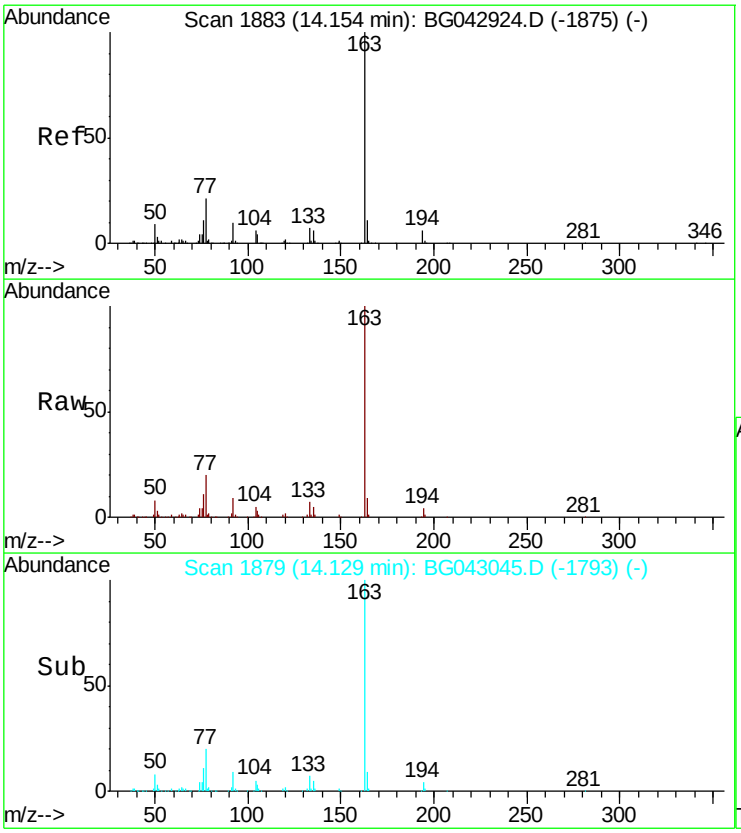
#45
2-Fluorobiphenyl
Concen: 87.281 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043045.D
Acq: 5 Oct 2019 3:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:172 Resp: 1025419

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.2	19.6	29.4

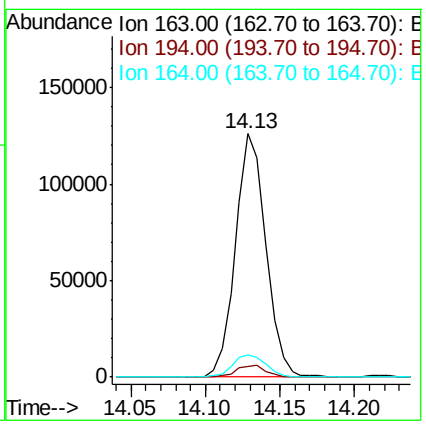


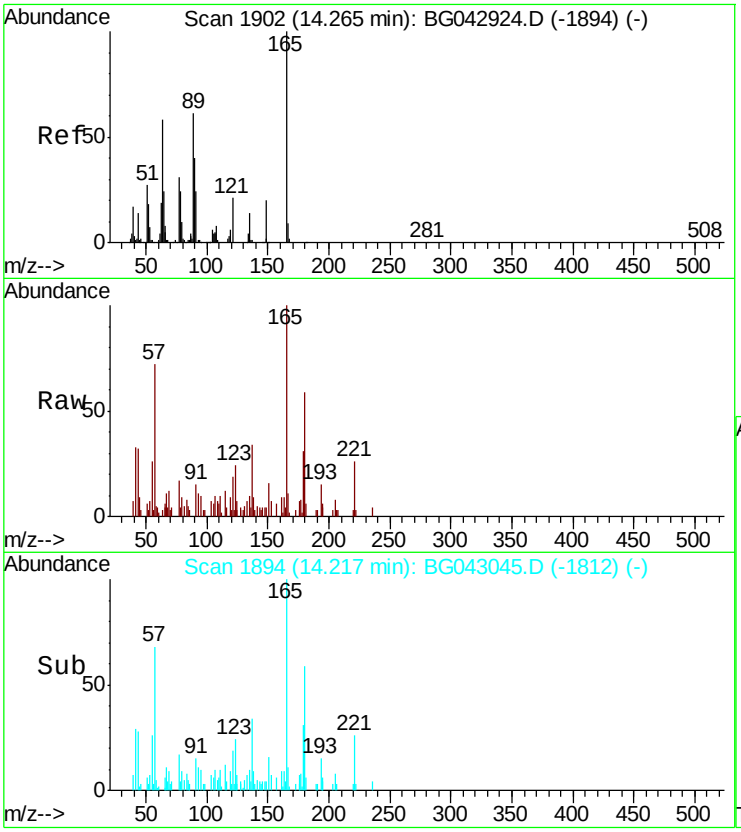


#50
Dimethylphthalate
Concen: 14.017 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG043045.D
Acq: 5 Oct 2019 3:35

Tgt Ion:163 Resp: 178880

Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.4	6.6#
164	9.3	8.6	12.8



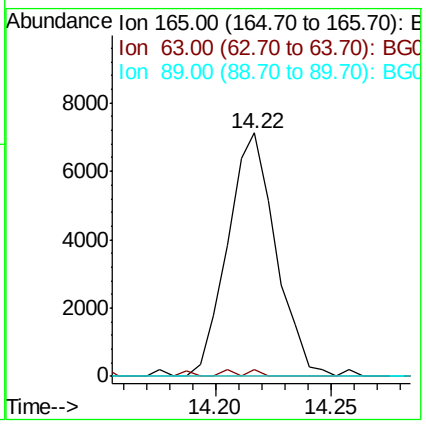


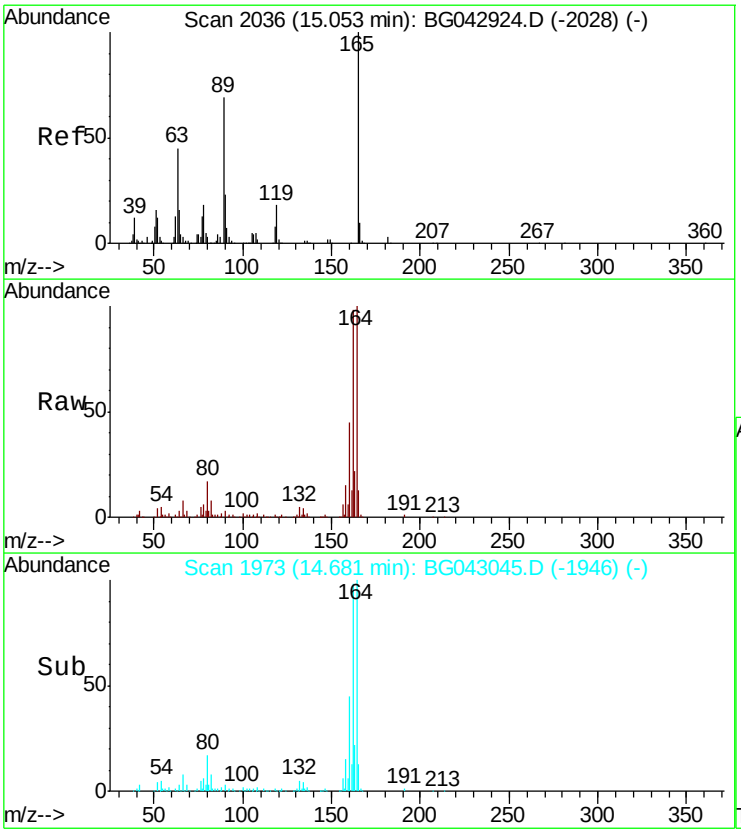
#51
2,6-Dinitrotoluene
Concen: 3.792 ng
RT: 14.22 min Scan# 1894
Delta R.T. -0.05 min
Lab File: BG043045.D
Acq: 5 Oct 2019 3:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 10305

Ion	Ratio	Lower	Upper
165	100		
63	2.9	50.3	75.5#
89	0.0	48.9	73.3#

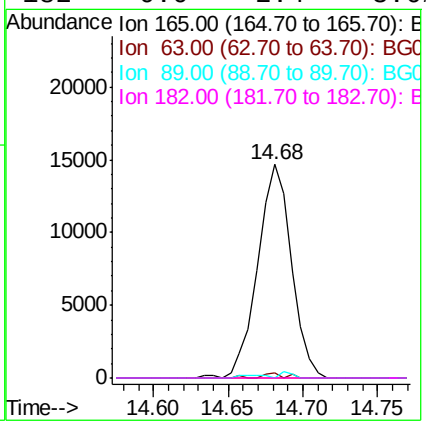


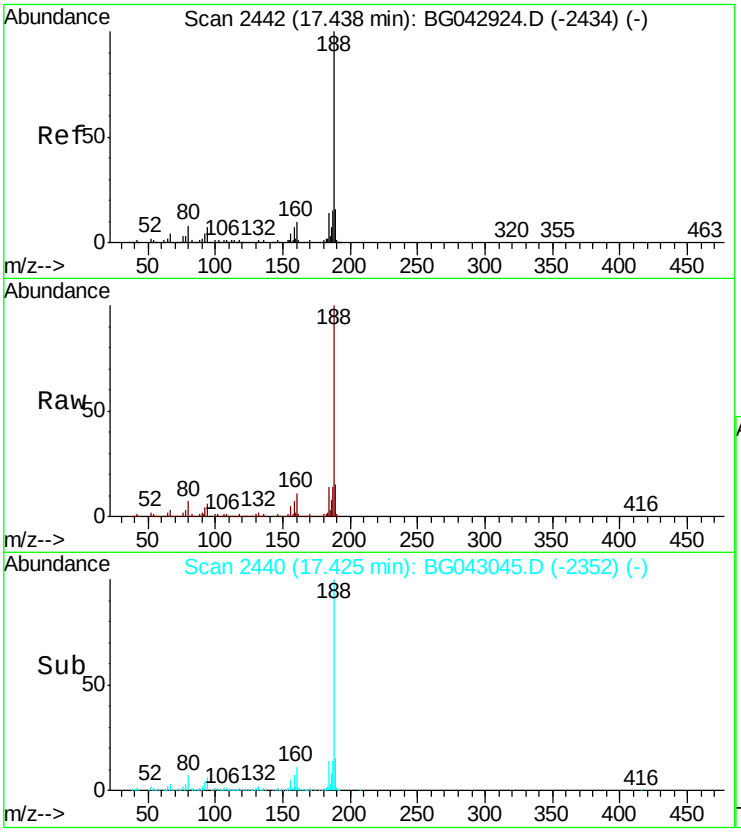


#57
2,4-Dinitrotoluene
Concen: 5.753 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.37 min
Lab File: BG043045.D
Acq: 5 Oct 2019 3:35

Tgt Ion:165 Resp: 22896

Ion	Ratio	Lower	Upper
165	100		
63	2.6	36.5	54.7#
89	0.0	55.5	83.3#
182	0.0	2.4	3.6#



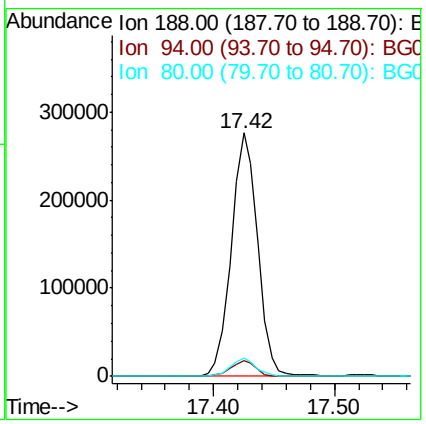


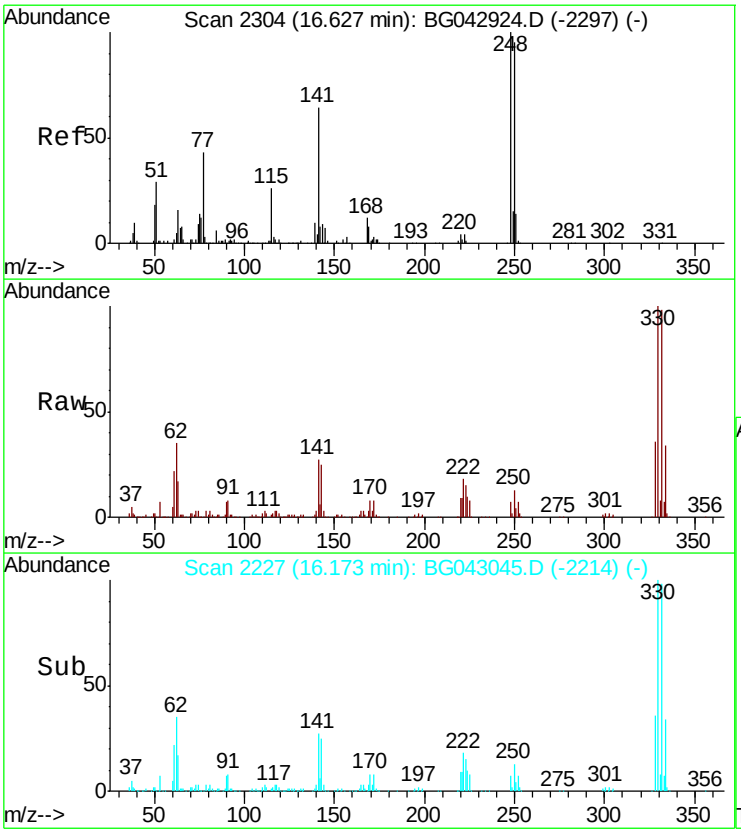
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043045.D
Acq: 5 Oct 2019 3:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:188 Resp: 417972

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.7	8.5
80	7.3	6.5	9.7

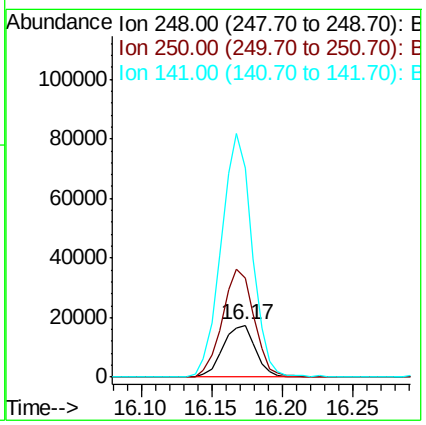


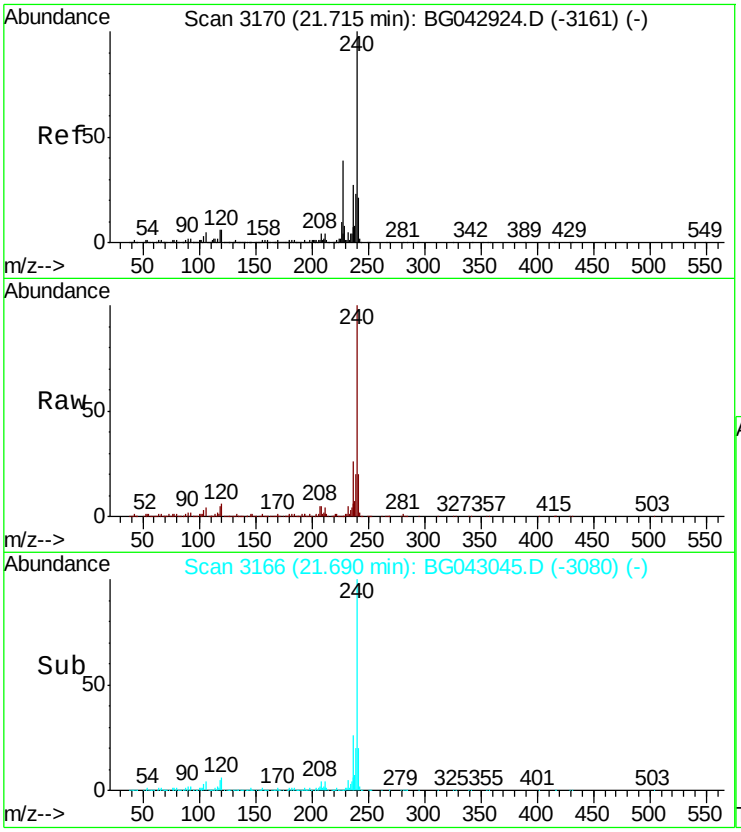


#67
4-Bromophenyl-phenylether
Concen: 5.274 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.45 min
Lab File: BG043045.D
Acq: 5 Oct 2019 3:35

Tgt Ion:248 Resp: 27668

Ion	Ratio	Lower	Upper
248	100		
250	190.8	75.8	113.8#
141	404.7	51.1	76.7#



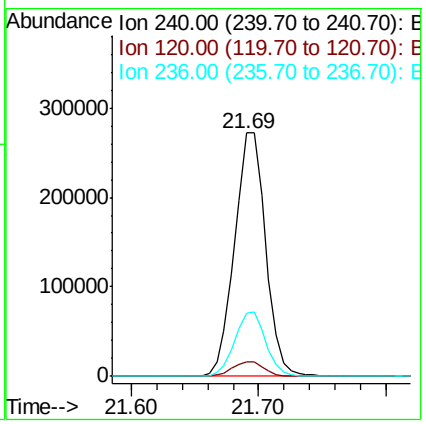


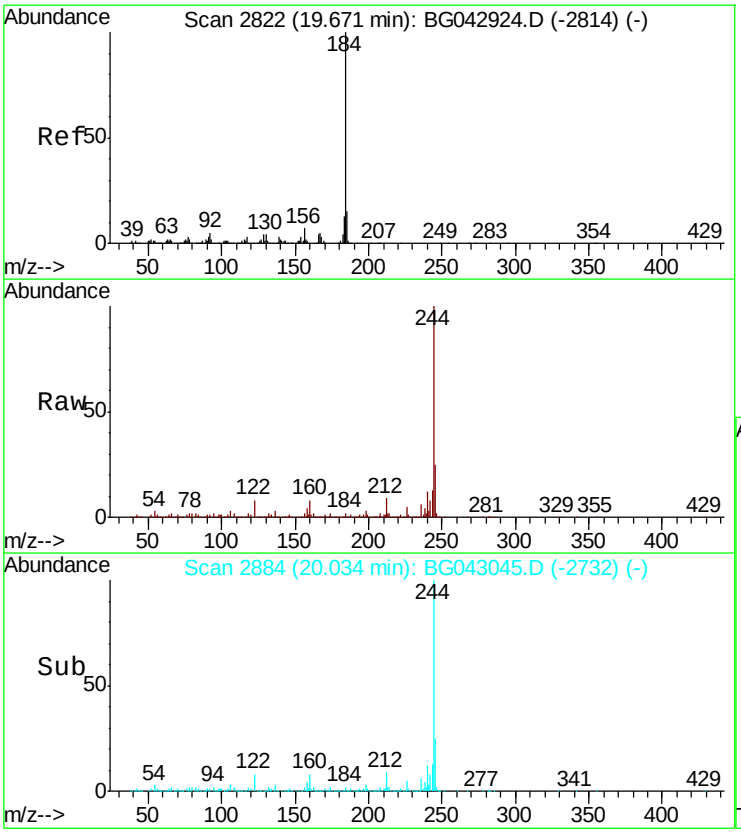
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BG043045.D
Acq: 5 Oct 2019 3:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:240 Resp: 462625

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.8	7.2
236	25.9	21.4	32.0

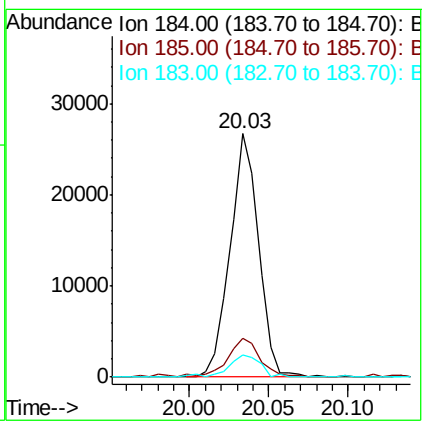


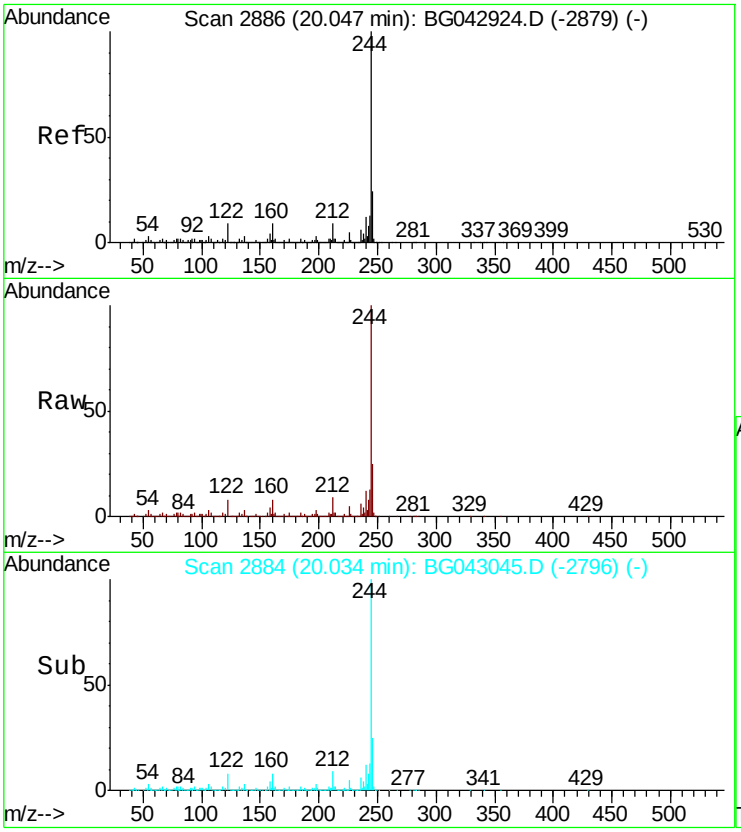


#77
Benzidine
Concen: 2.868 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.36 min
Lab File: BG043045.D
Acq: 5 Oct 2019 3:35

Tgt Ion:184 Resp: 33220

Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.8	17.8
183	9.1	10.1	15.1#



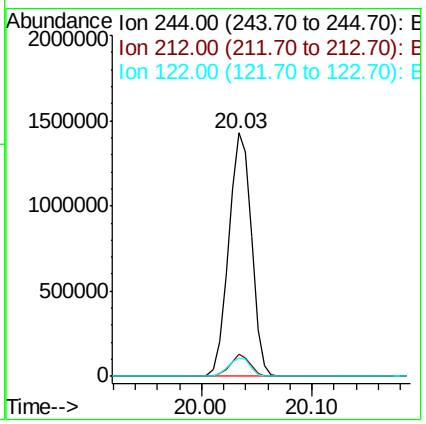


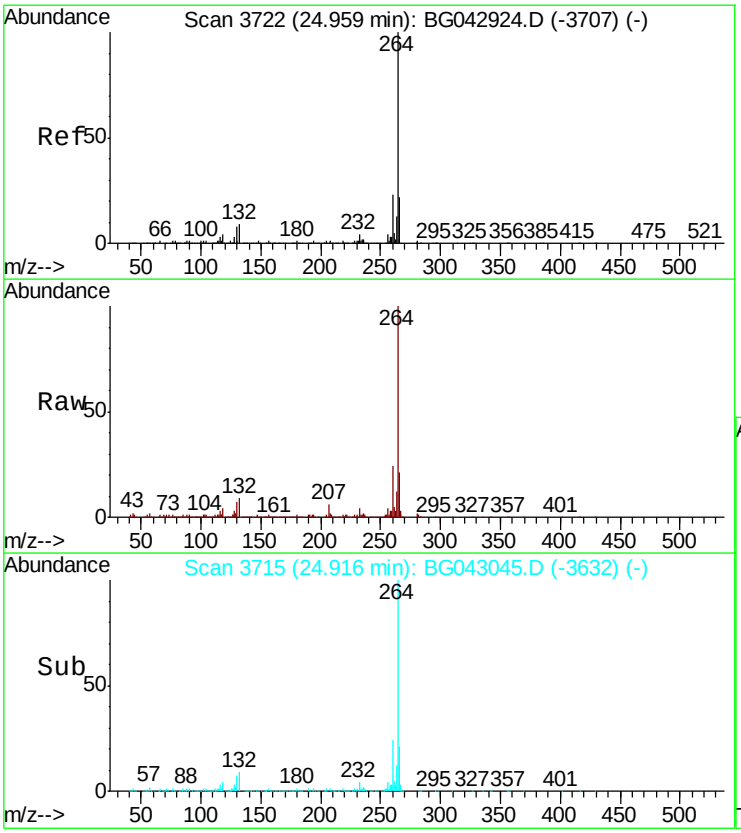
#79
Terphenyl-d14
Concen: 95.626 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG043045.D
Acq: 5 Oct 2019 3:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:244 Resp: 2076087

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.4	11.0
122	7.6	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.04 min
Lab File: BG043045.D
Acq: 5 Oct 2019 3:35

Tgt Ion:264 Resp: 535904

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.2	17.7	26.5