Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
Data File : BG043550.D
Acq On : 7 Nov 2019 22:05
Operator : JU
Sample : K5723-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-B

Quant Time: Nov 08 04:18:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	33913	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	114538	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	85052	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	200780	20.00	ng		0.00
76) Chrysene-d12	21.65	240	213474	20.00	ng		0.00
87) Perylene-d12	24.85	264	248976	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	305511	165.08	ng		0.02
7) Phenol-d6	7.21	99	420479	157.91	ng		0.02
23) Nitrobenzene-d5	9.17	82	253403	114.06	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	265089	163.78	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	670409	108.92	ng		0.00
79) Terphenyl-d14	20.00	244	1223005	107.48	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	13720	5.639	ng		83
15) Benzyl Alcohol	8.33	79	4432	2.370	ng	#	47
19) n-Nitroso-di-n-propylamine	9.17	70	36428	21.172	ng	#	81
50) Dimethylphthalate	14.09	163	73189	11.110	ng		97
57) 2,4-Dinitrotoluene	14.64	165	10819	5.290	ng	#	28
67) 4-Bromophenyl-phenylether	16.13	248	16288	6.028	ng	#	1
77) Benzidine	19.99	184	18483	4.302	ng	#	94

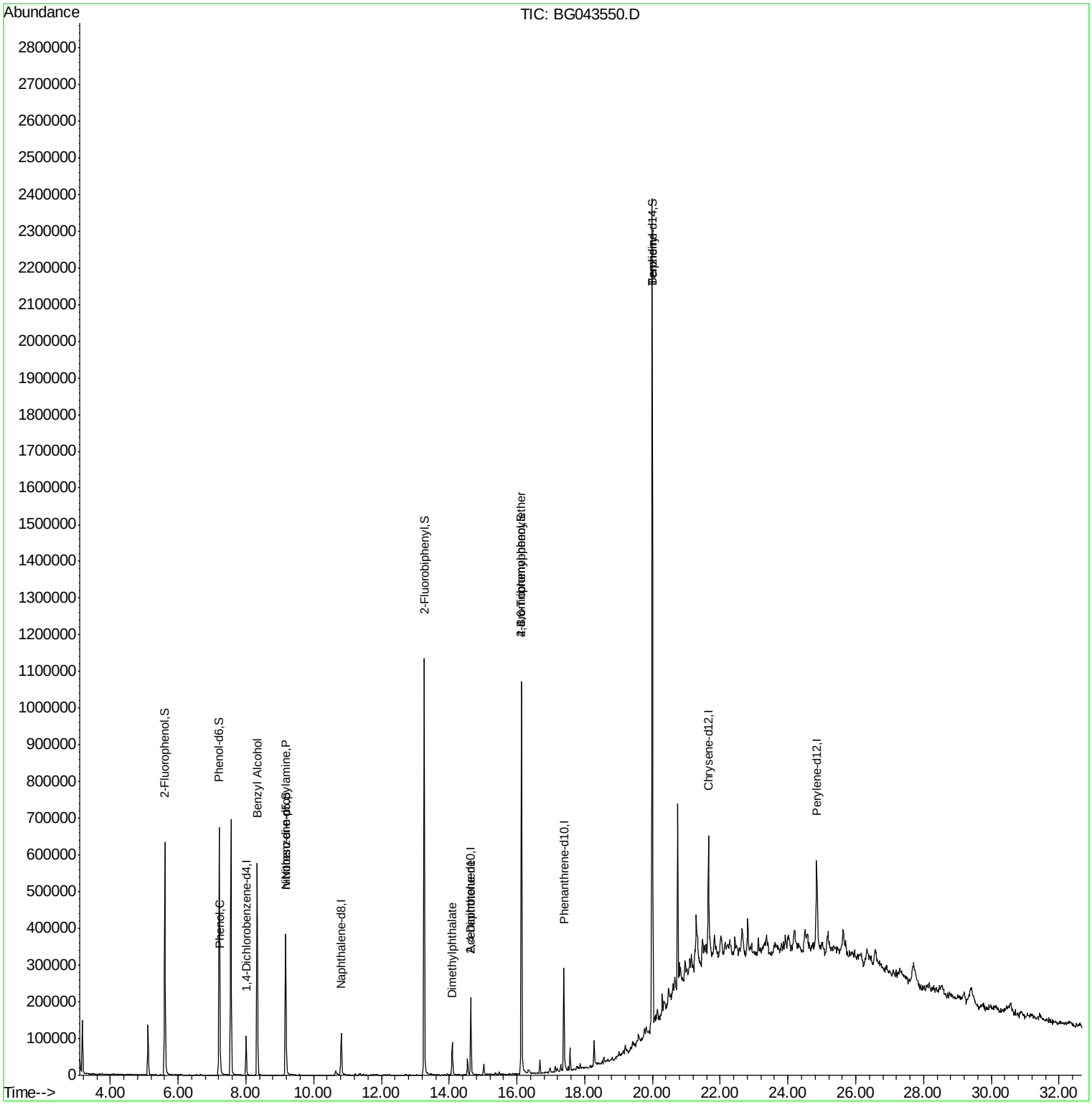
(#) = qualifier out of range (m) = manual integration (+) = signals summed

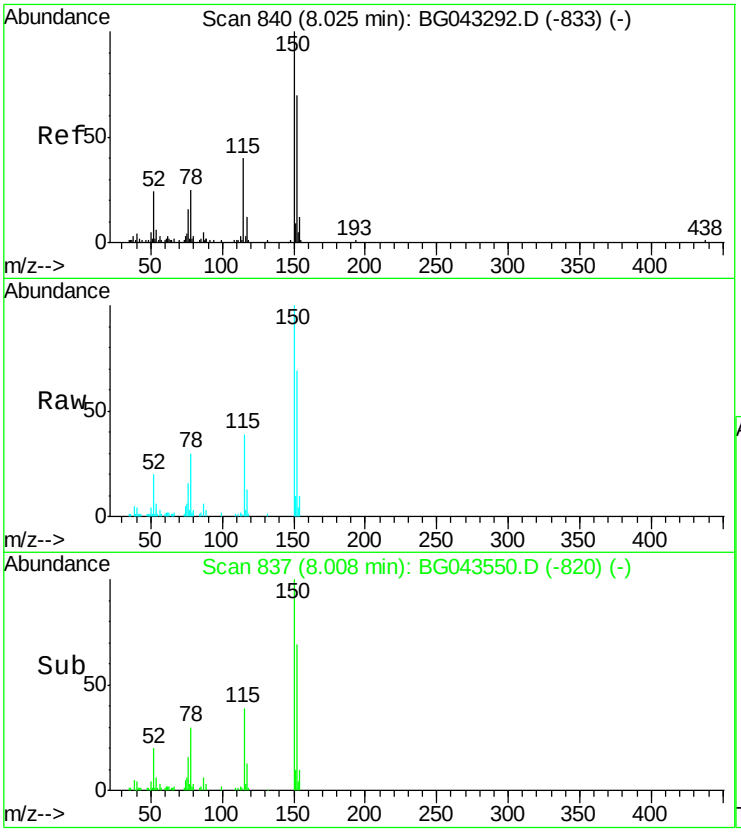
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
Data File : BG043550.D
Acq On : 7 Nov 2019 22:05
Operator : JU
Sample : K5723-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
10-B

Quant Time: Nov 08 04:18:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration



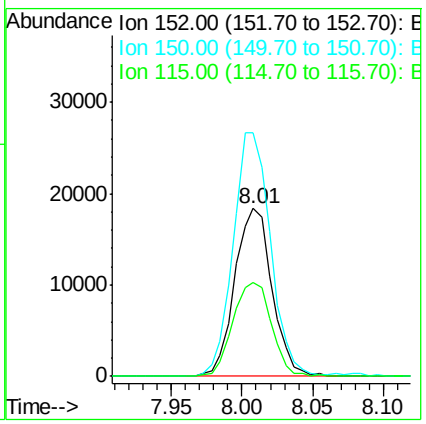


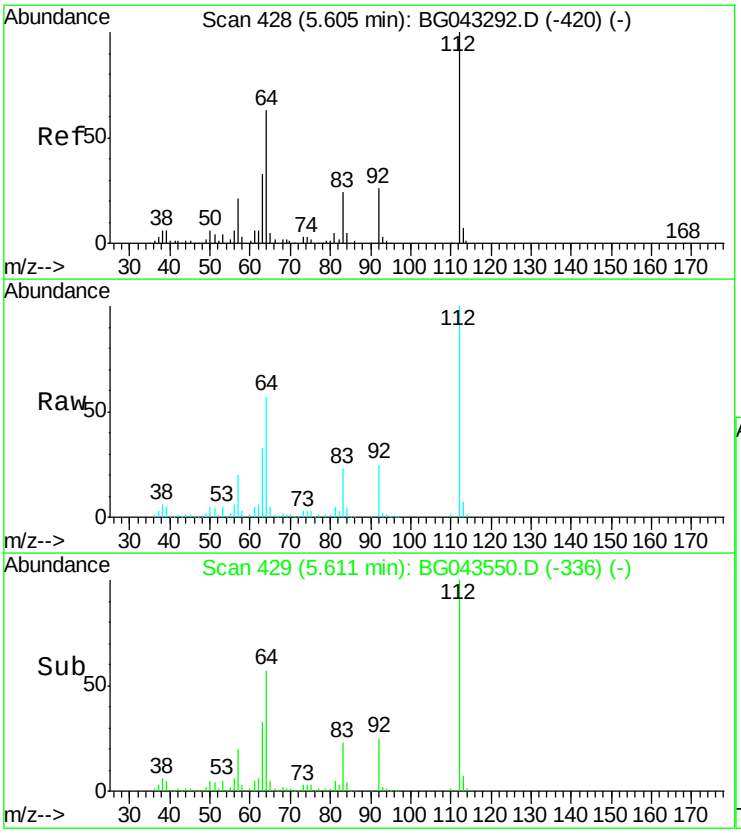
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Instrument :
BNA_G
ClientSampleId :
10-B

Tgt Ion:152 Resp: 33913

Ion	Ratio	Lower	Upper
152	100		
150	145.1	129.4	194.0
115	56.3	48.8	73.2

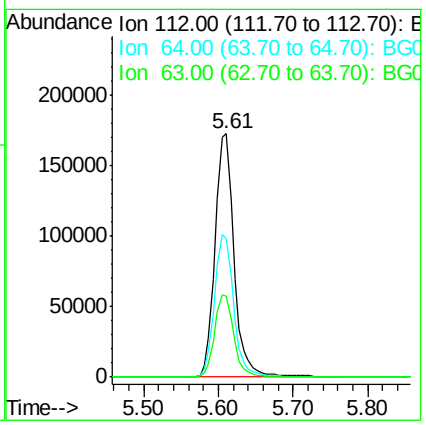


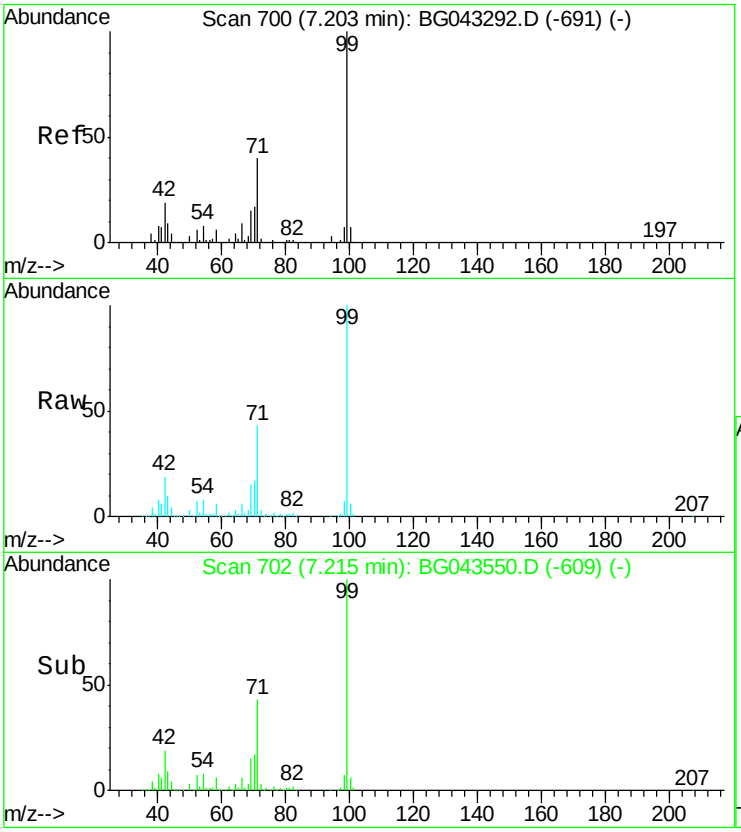


#5
2-Fluorophenol
Concen: 165.079 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.02 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Tgt Ion:112 Resp: 305511

Ion	Ratio	Lower	Upper
112	100		
64	56.8	50.0	75.0
63	33.4	26.6	40.0



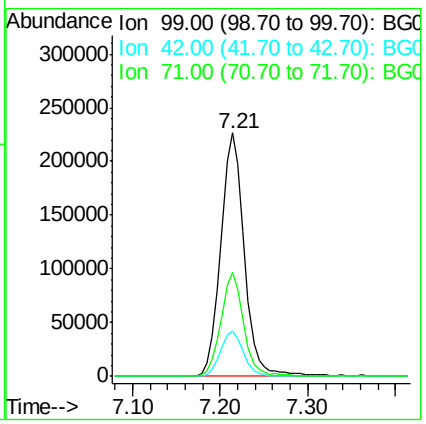


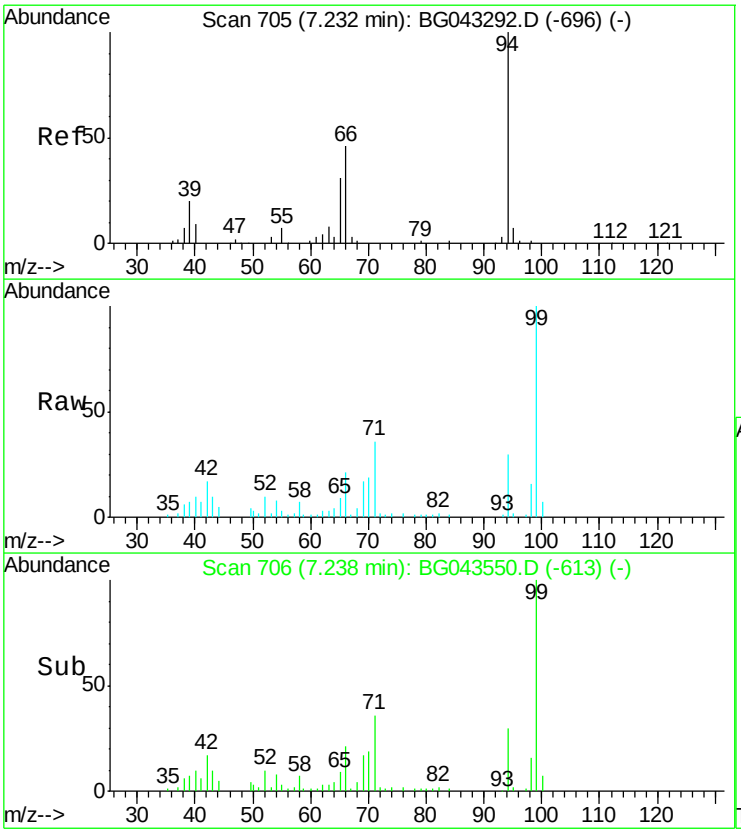
#7
Phenol-d6
Concen: 157.914 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.02 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Instrument :
BNA_G
ClientSampleId :
10-B

Tgt Ion: 99 Resp: 420479

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.6	21.8
71	42.9	32.5	48.7

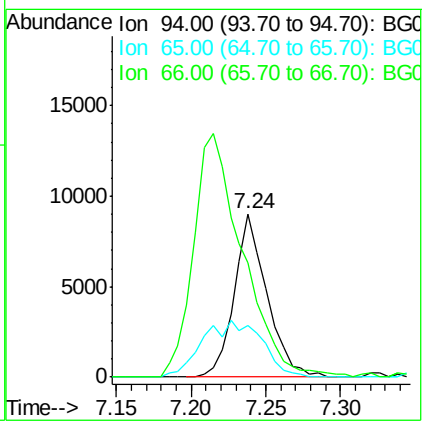


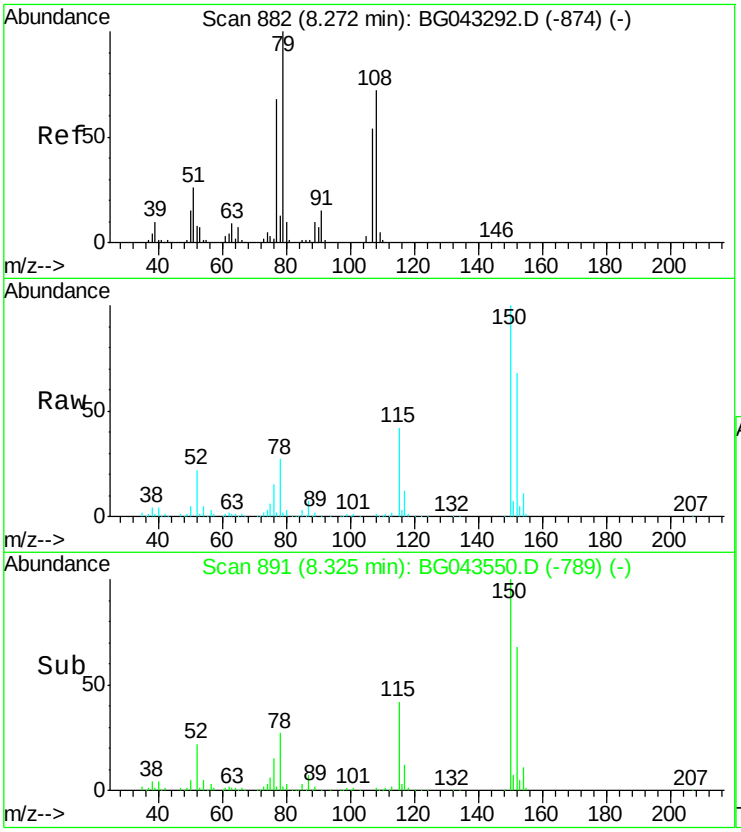


#10
Phenol
Concen: 5.639 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.02 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Tgt Ion: 94 Resp: 13720

Ion	Ratio	Lower	Upper
94	100		
65	32.0	12.6	52.6
66	69.9	30.7	70.7



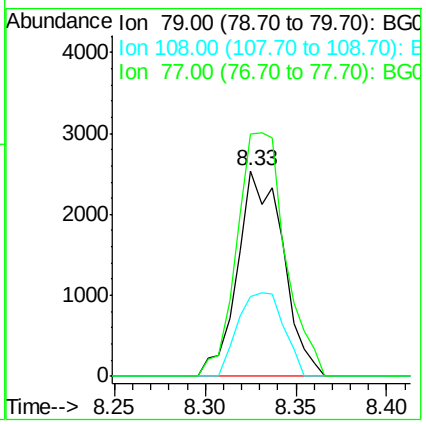


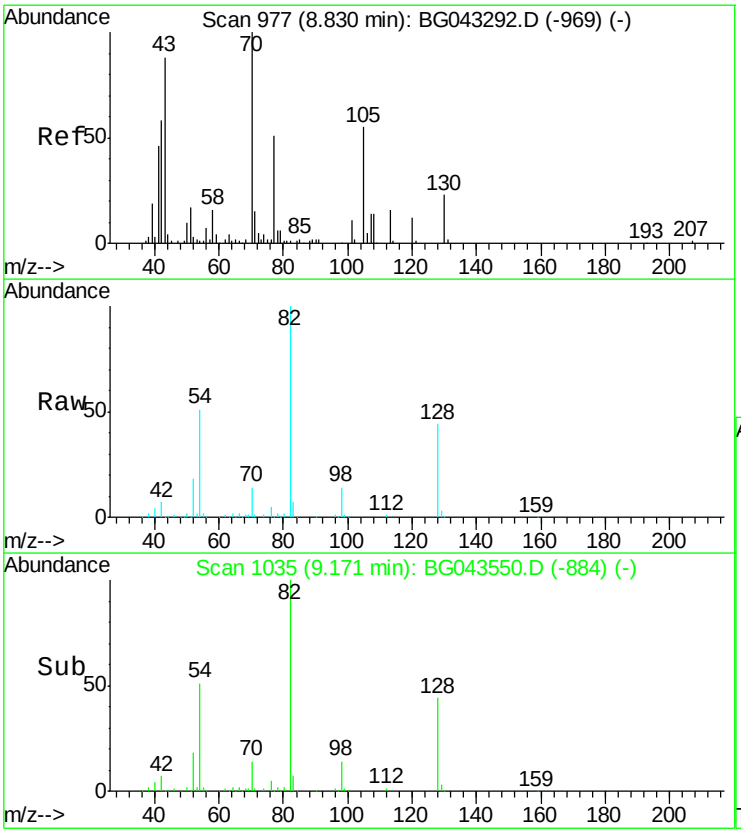
#15
Benzyl Alcohol
Concen: 2.370 ng
RT: 8.33 min Scan# 891
Delta R.T. 0.07 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Instrument :
BNA_G
ClientSampleId :
10-B

Tgt Ion: 79 Resp: 4432

Ion	Ratio	Lower	Upper
79	100		
108	39.0	53.6	80.4#
77	118.2	49.6	74.4#

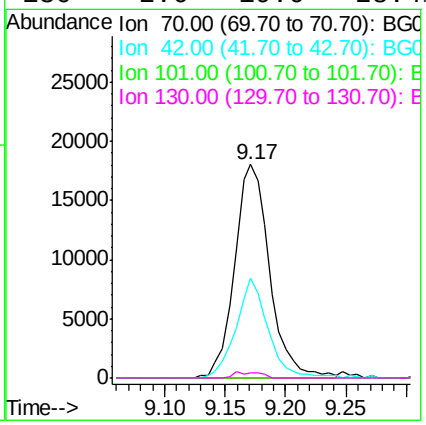


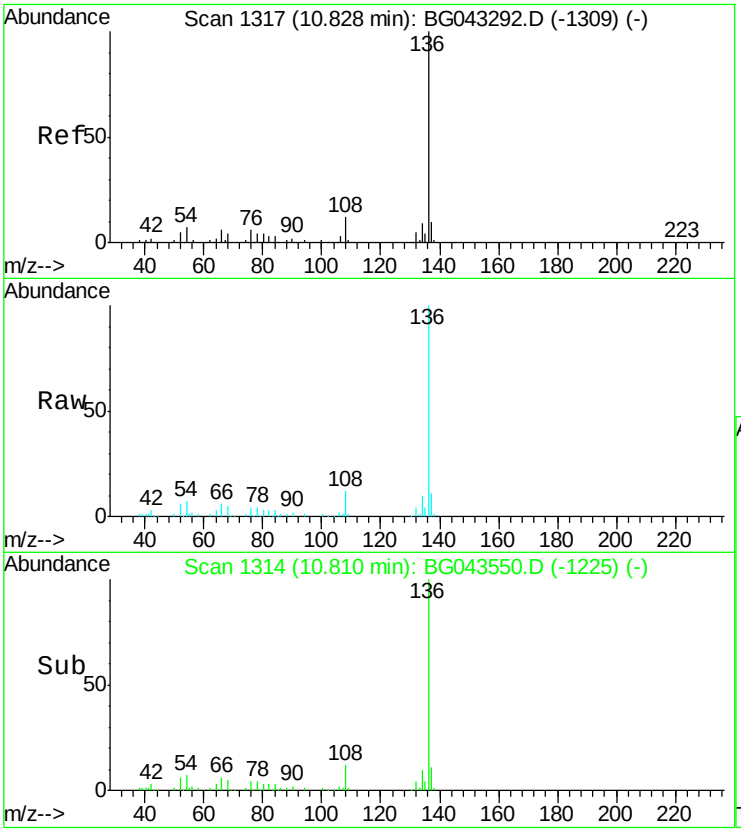


#19
n-Nitroso-di-n-propylamine
Concen: 21.172 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.36 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Tgt Ion: 70 Resp: 36428

Ion	Ratio	Lower	Upper
70	100		
42	46.6	41.4	62.2
101	0.0	7.9	11.9#
130	2.6	19.0	28.4#



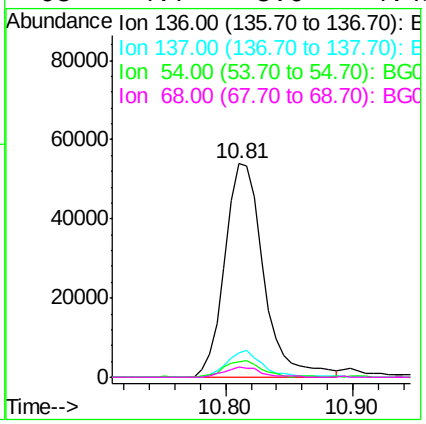


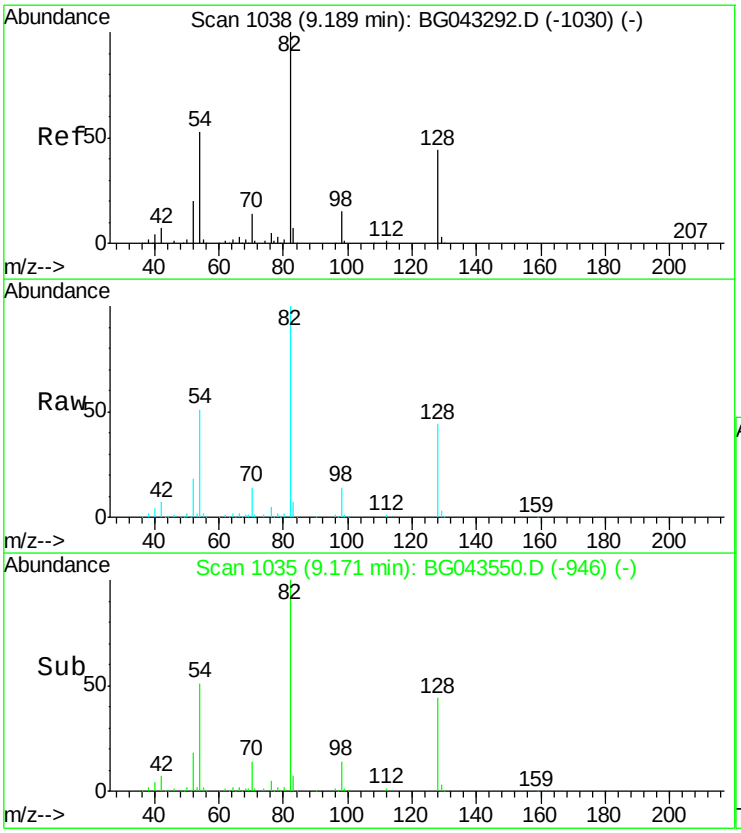
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Instrument :
BNA_G
ClientSampleId :
10-B

Tgt Ion:136 Resp: 114538

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.2	5.4	8.2
68	4.7	3.0	4.4#

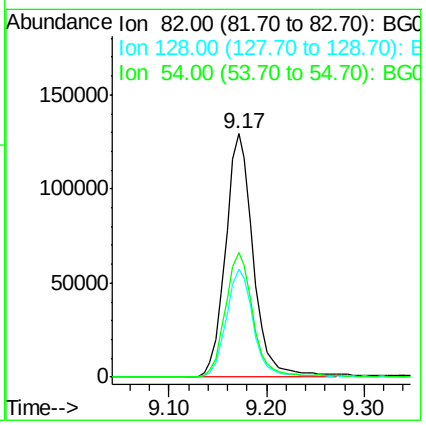


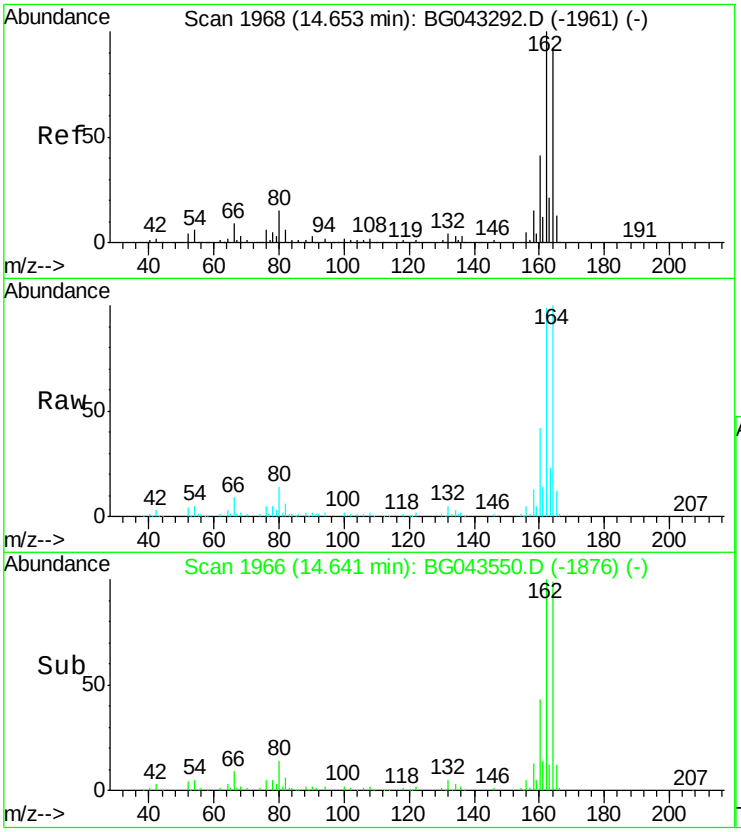


#23
Nitrobenzene-d5
Concen: 114.059 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Tgt Ion: 82 Resp: 253403

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.0	52.6
54	51.1	40.2	60.2



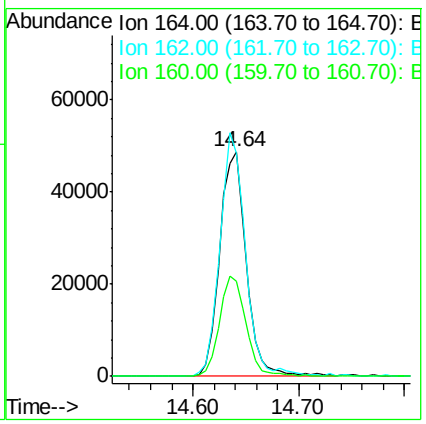


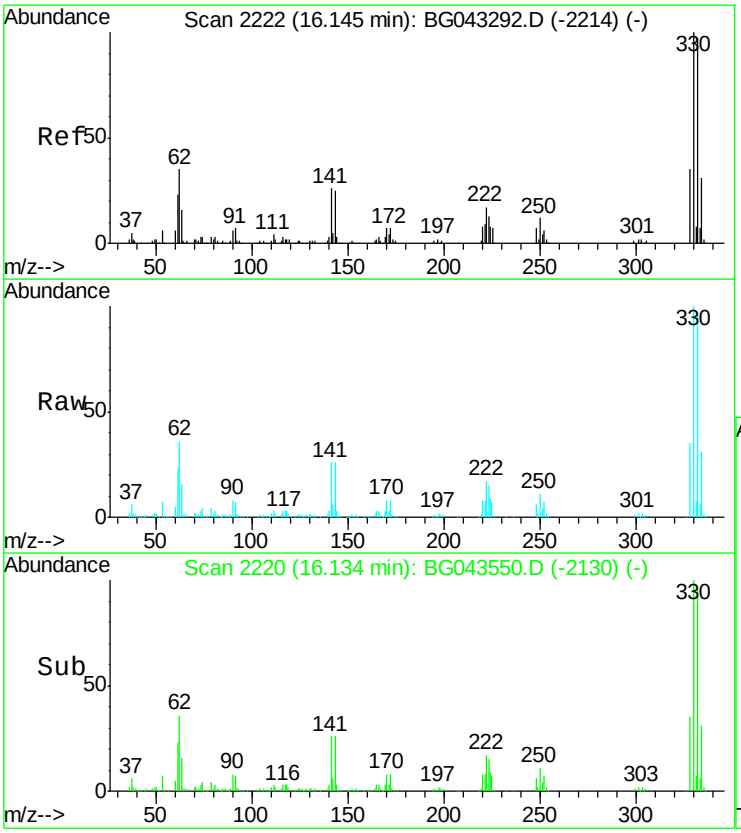
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Instrument :
BNA_G
ClientSampleId :
10-B

Tgt Ion:164 Resp: 85052

Ion	Ratio	Lower	Upper
164	100		
162	99.3	83.5	125.3
160	42.5	36.5	54.7

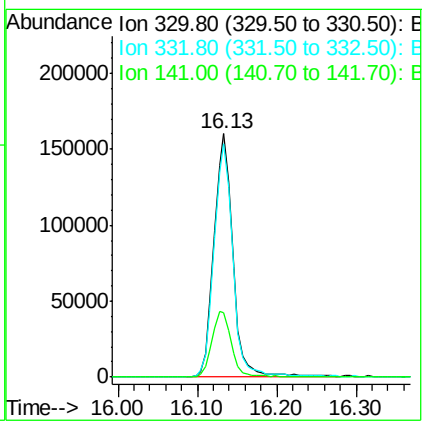


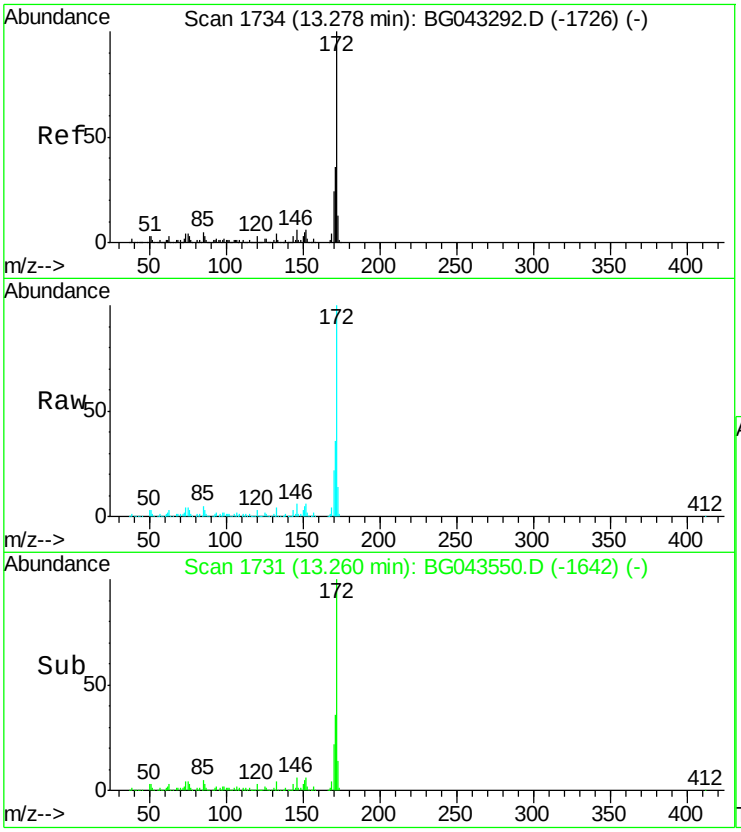


#42
2,4,6-Tribromophenol
Concen: 163.783 ng
RT: 16.13 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Tgt Ion:330 Resp: 265089

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	28.0	22.8	34.2



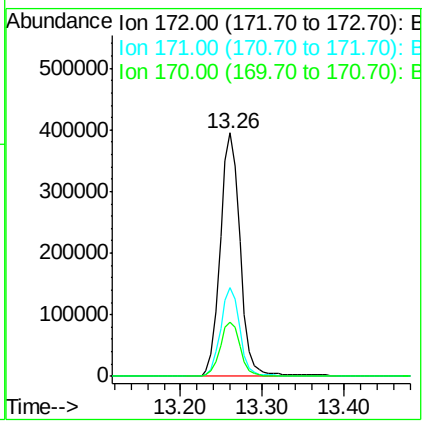


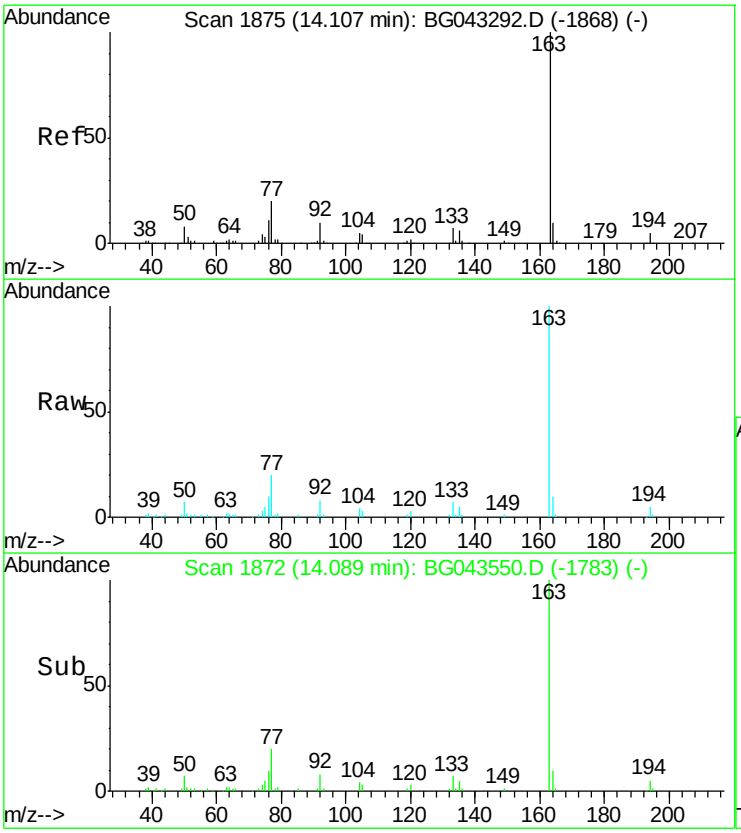
#45
2-Fluorobiphenyl
Concen: 108.918 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Instrument :
BNA_G
ClientSampleId :
10-B

Tgt Ion:172 Resp: 670409

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	22.5	18.5	27.7

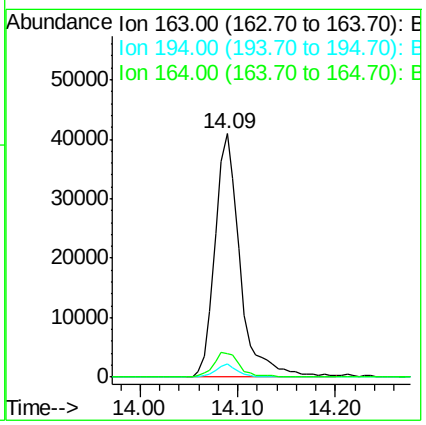


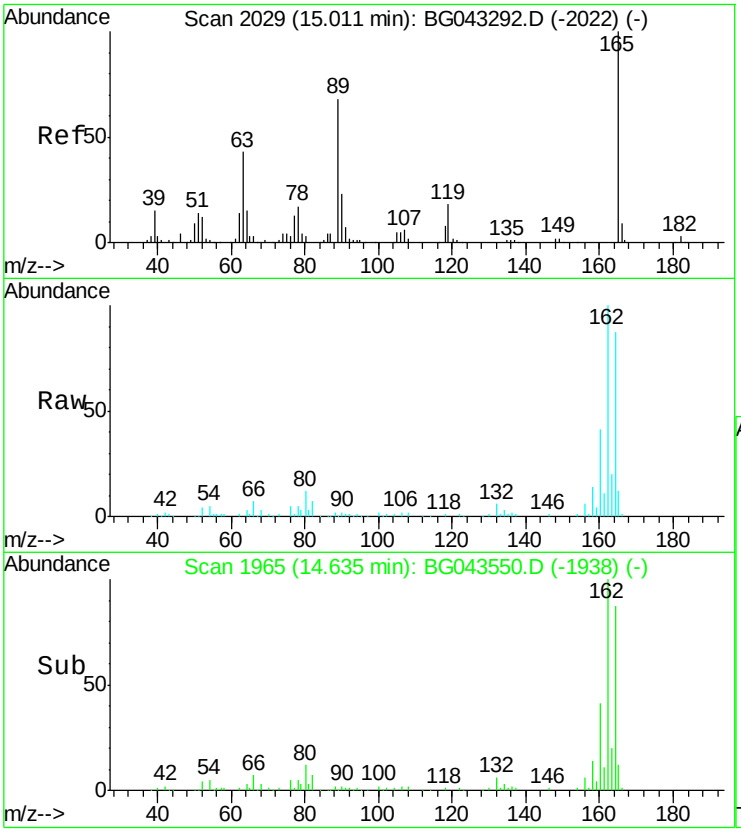


#50
Dimethylphthalate
Concen: 11.110 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Tgt Ion:163 Resp: 73189

Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.8	5.6
164	9.8	8.9	13.3



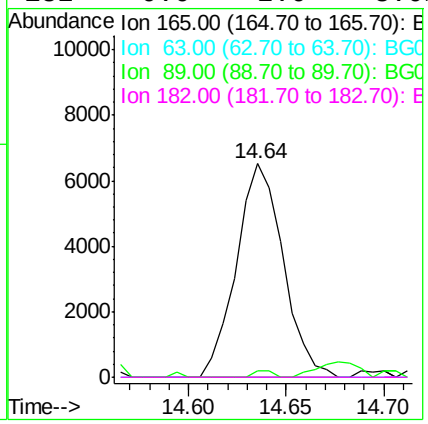


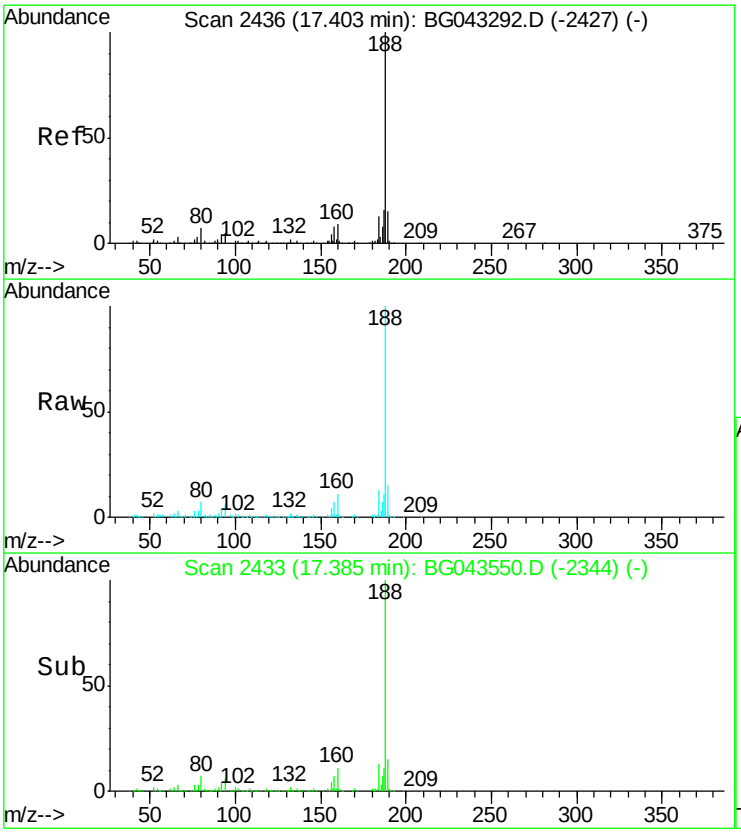
#57
2,4-Dinitrotoluene
Concen: 5.290 ng
RT: 14.64 min Scan# 1965
Delta R.T. -0.37 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Instrument :
BNA_G
ClientSampleId :
10-B

Tgt Ion:165 Resp: 10819

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.2	49.8#
89	3.0	52.2	78.4#
182	0.0	2.0	3.0#

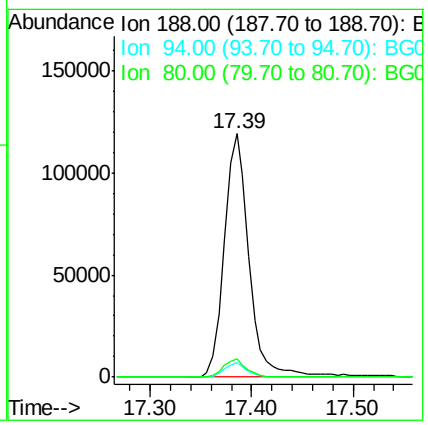


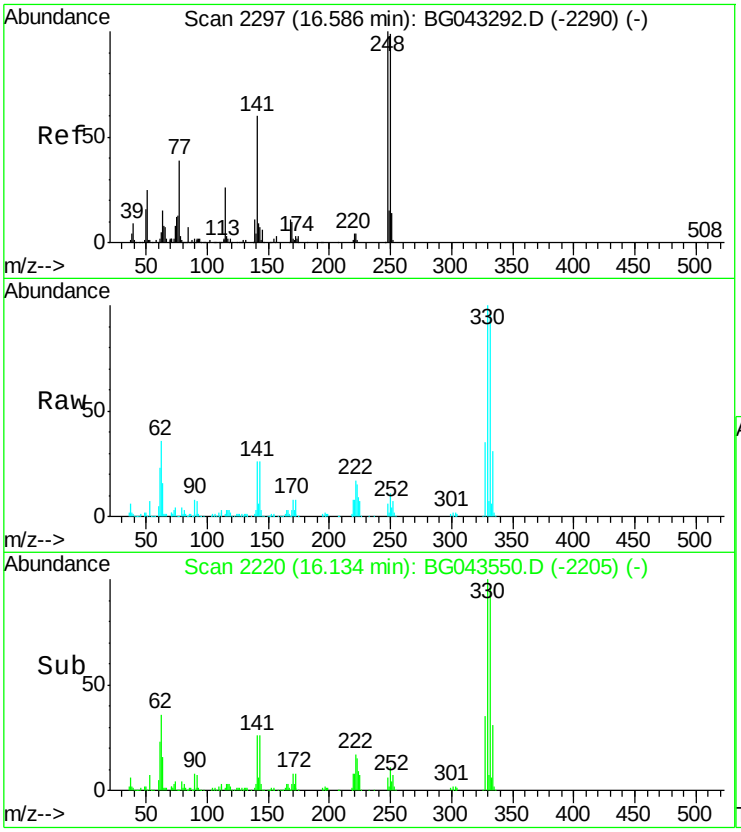


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Tgt Ion:188 Resp: 200780

Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.2	6.4
80	7.3	4.5	6.7#



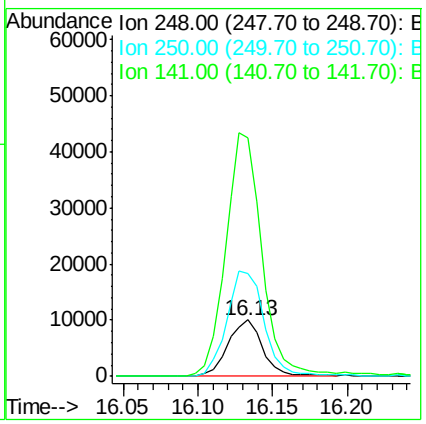


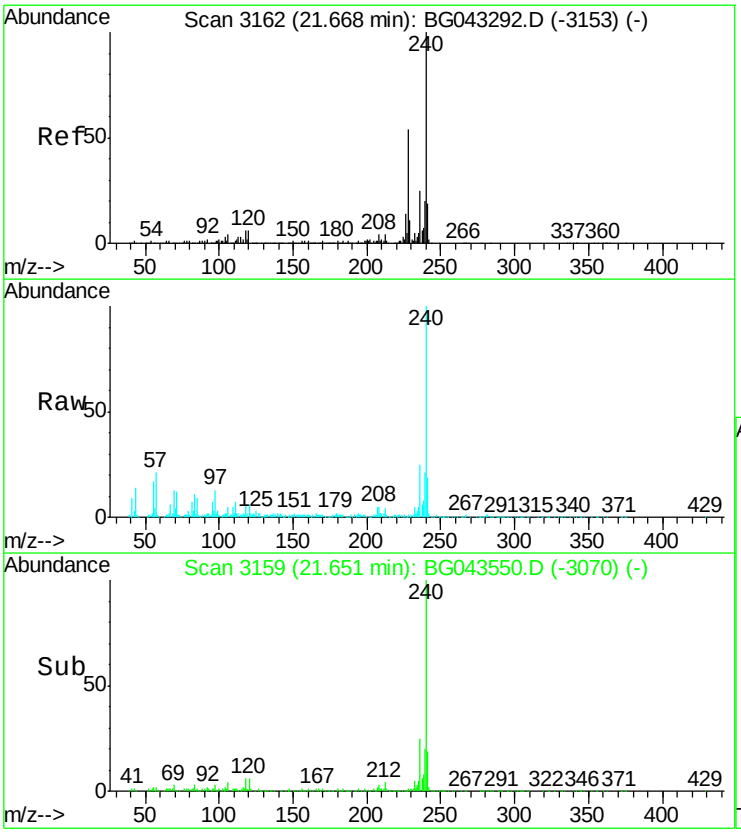
#67
4-Bromophenyl-phenylether
Concen: 6.028 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.44 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Instrument :
BNA_G
ClientSampleId :
10-B

Tgt Ion:248 Resp: 16288

Ion	Ratio	Lower	Upper
248	100		
250	180.6	77.0	115.4#
141	420.0	47.5	71.3#

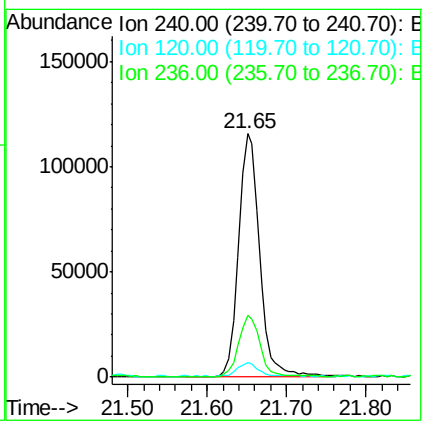


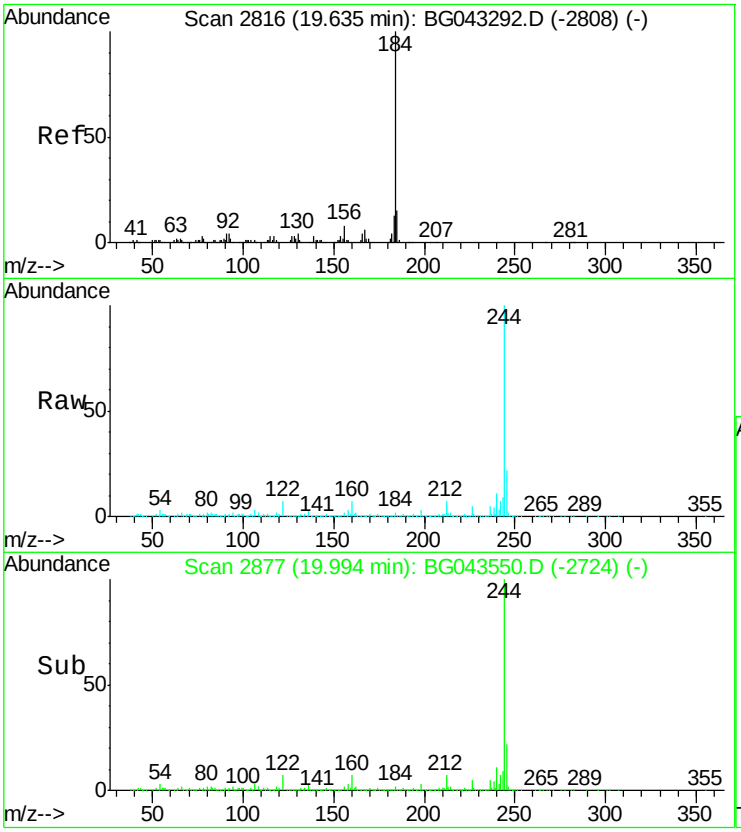


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Tgt Ion:240 Resp: 213474

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.6	6.8
236	25.4	19.8	29.8



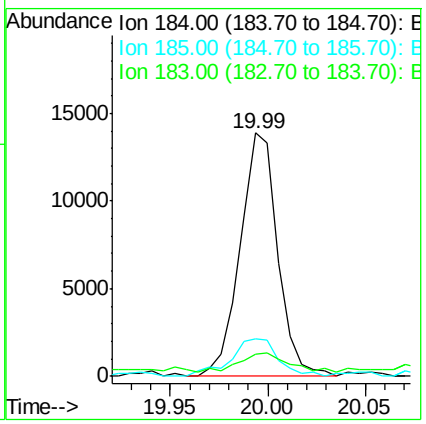


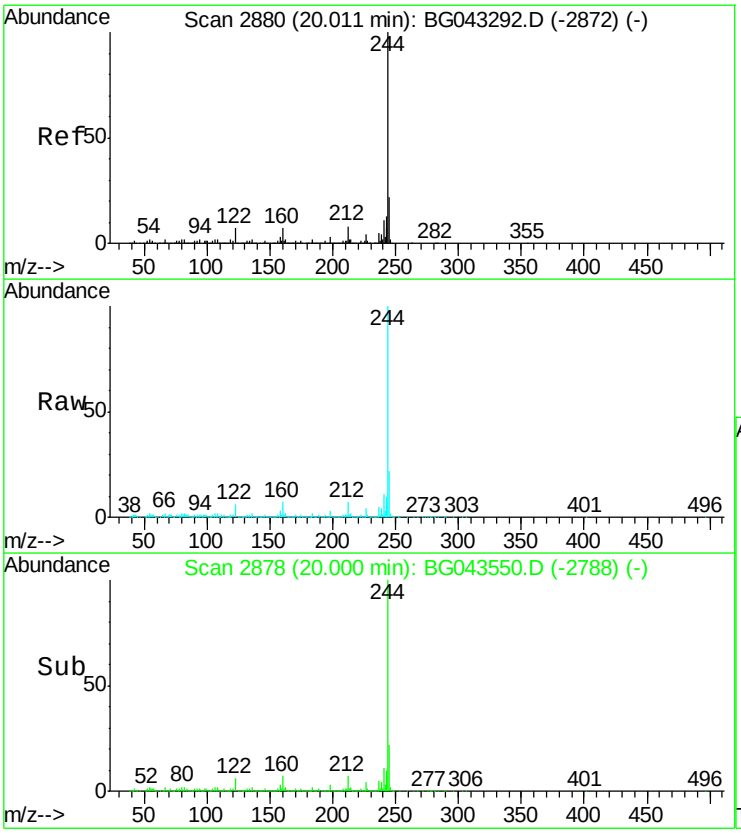
#77
Benzidine
Concen: 4.302 ng
RT: 19.99 min Scan# 2877
Delta R.T. 0.37 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Instrument :
BNA_G
ClientSampleId :
10-B

Tgt Ion:184 Resp: 18483

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.0	16.4
183	9.0	10.0	15.0#

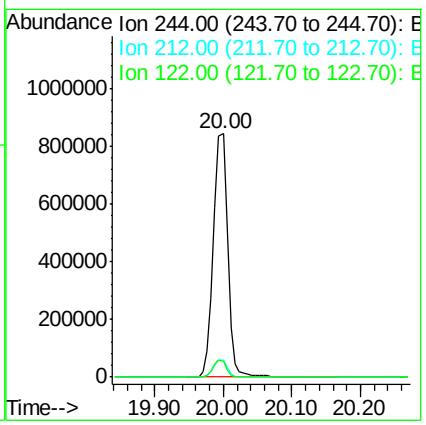


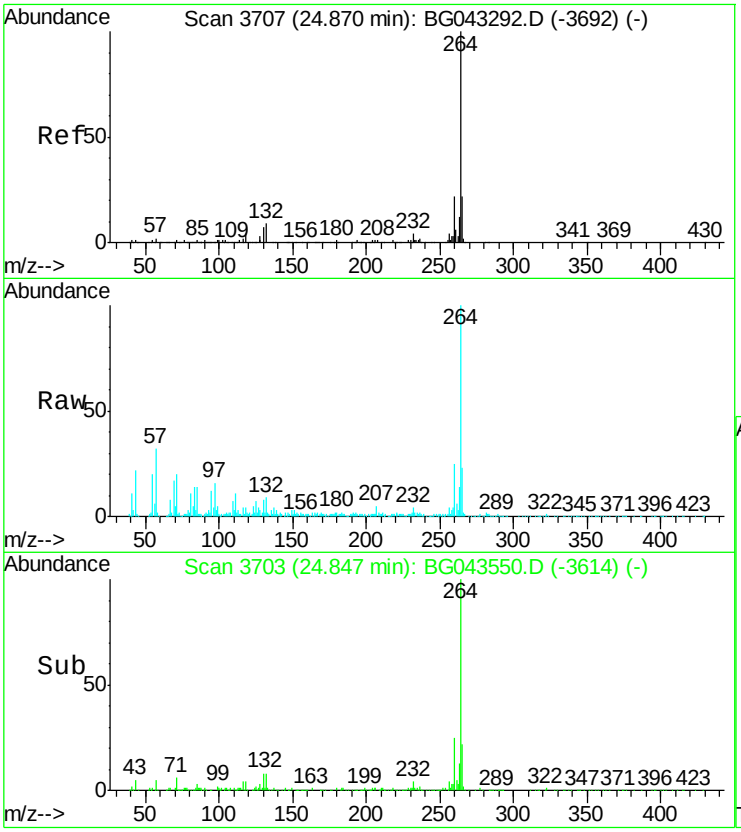


#79
Terphenyl-d14
Concen: 107.480 ng
RT: 20.00 min Scan# 2878
Delta R.T. 0.00 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Tgt Ion:244 Resp: 1223005

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	6.4	5.4	8.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Instrument :
BNA_G
ClientSampleId :
10-B

Tgt Ion:264 Resp: 248976

Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.5	26.3
265	22.6	17.4	26.0