Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
Data File : BG043559.D
Acq On : 8 Nov 2019 4:32
Operator : JU
Sample : PB124608TB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124608TB

Quant Time: Nov 08 05:46:25 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	34915	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	122723	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	88005	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	222045	20.00	ng		0.00
76) Chrysene-d12	21.65	240	212167	20.00	ng		0.00
87) Perylene-d12	24.85	264	245141	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	254912	133.79	ng		0.02
7) Phenol-d6	7.21	99	327252	119.37	ng		0.02
23) Nitrobenzene-d5	9.17	82	215206	90.41	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	221481	132.25	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	560517	88.01	ng		0.00
79) Terphenyl-d14	19.99	244	1118474	98.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	7261	9.779	ng	#	1
10) Phenol	7.24	94	8636	3.447	ng		92
15) Benzyl Alcohol	8.33	79	4047	2.102	ng	#	63
19) n-Nitroso-di-n-propylamine	9.17	70	30792	17.383	ng	#	79
50) Dimethylphthalate	14.09	163	38638	5.668	ng	#	93
51) 2,6-Dinitrotoluene	14.63	165	11441	7.726	ng	#	25
57) 2,4-Dinitrotoluene	14.63	165	11442	5.406	ng	#	28
67) 4-Bromophenyl-phenylether	16.13	248	14704	4.921	ng	#	1
77) Benzidine	19.99	184	16105	3.772	ng	#	81

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
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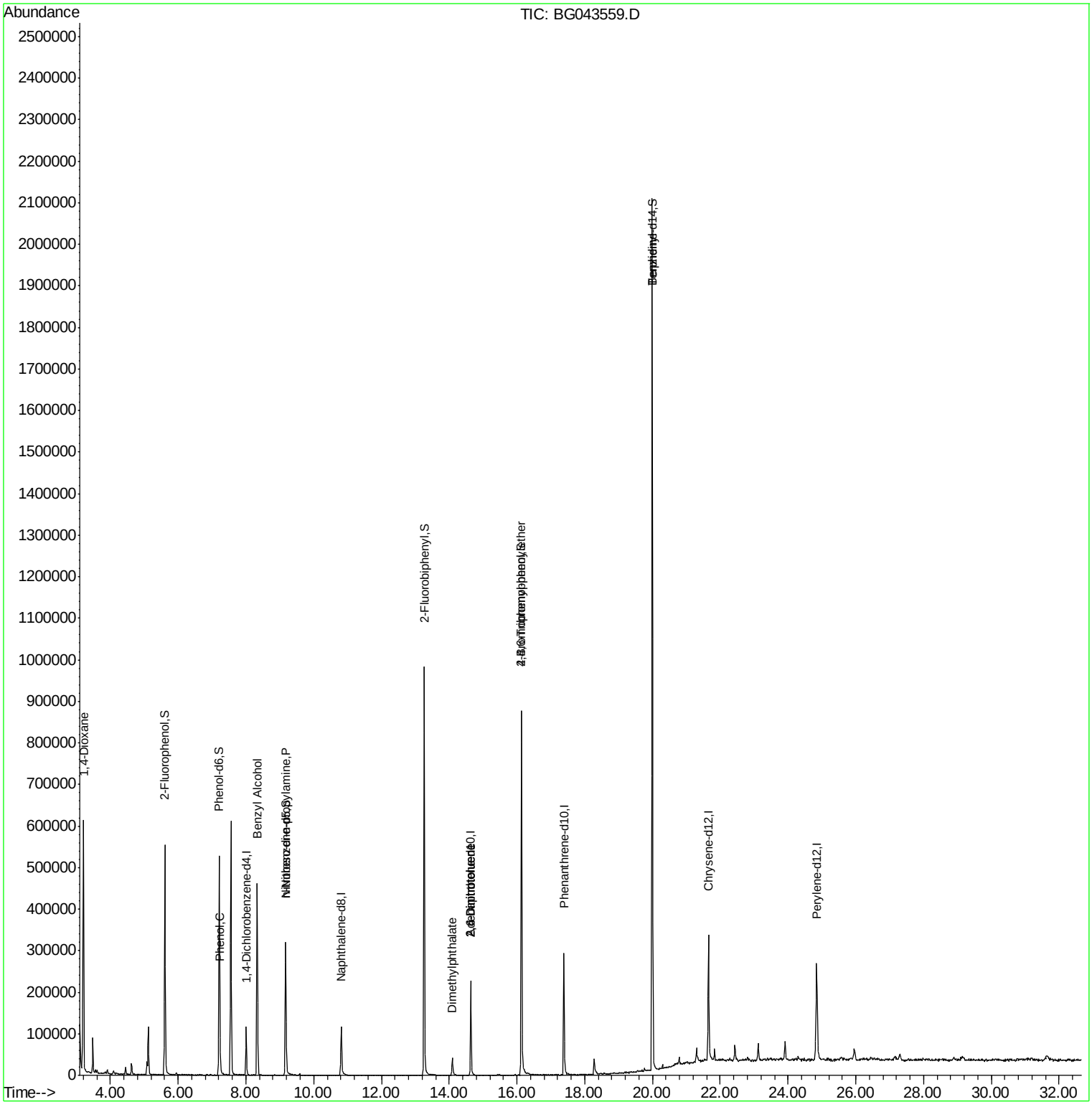
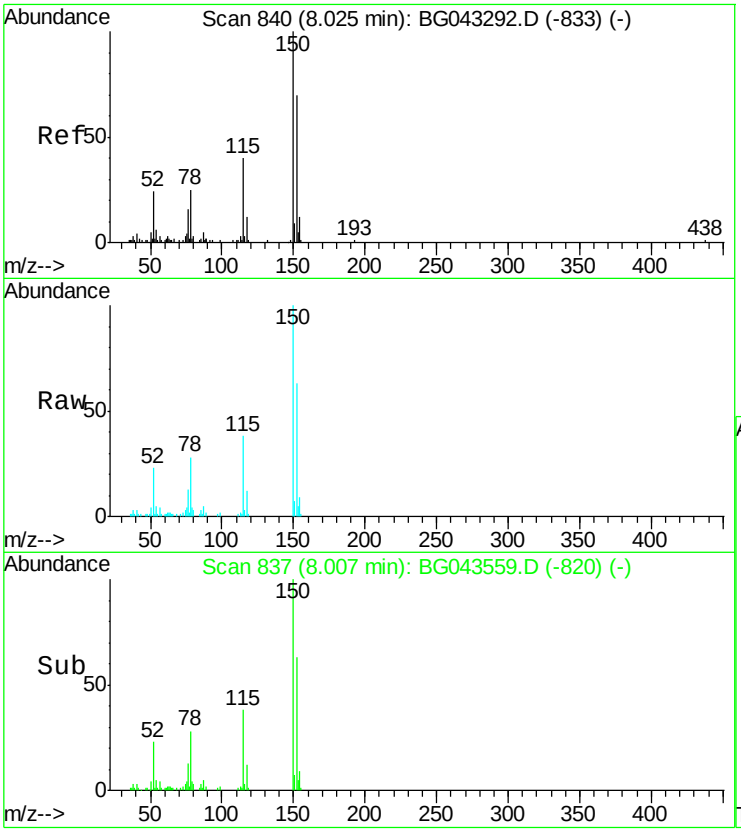


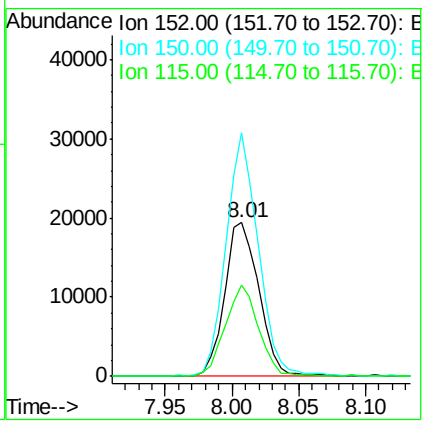


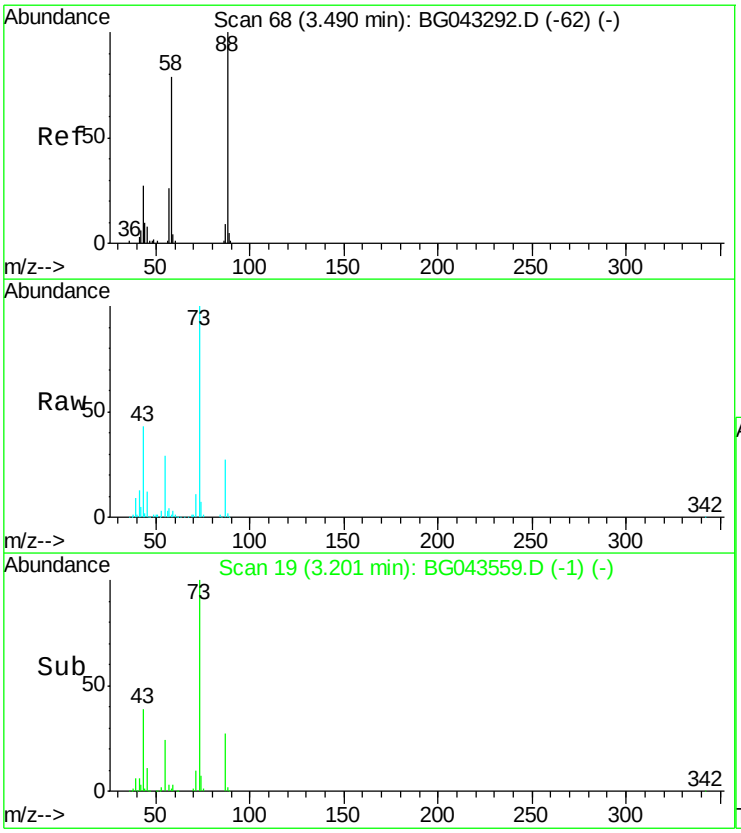
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043559.D
Acq: 8 Nov 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB124608TB

Tgt Ion:152 Resp: 34915

Ion	Ratio	Lower	Upper
152	100		
150	158.1	129.4	194.0
115	59.4	48.8	73.2

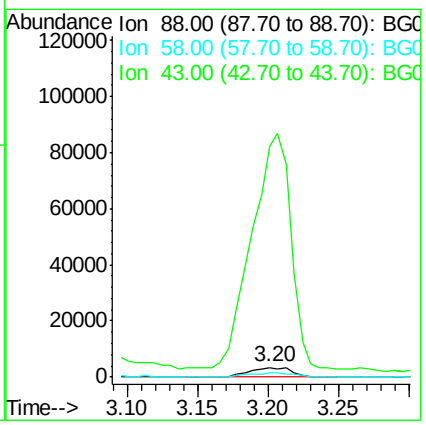


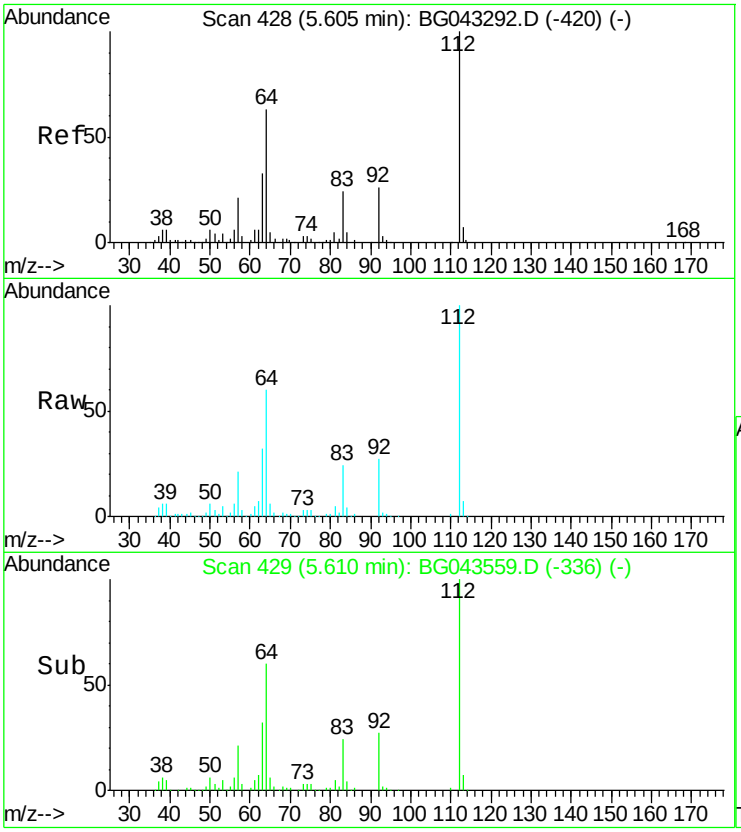


#2
1,4-Dioxane
Concen: 9.779 ng
RT: 3.20 min Scan# 19
Delta R.T. -0.27 min
Lab File: BG043559.D
Acq: 8 Nov 2019 4:32

Tgt Ion: 88 Resp: 7261

Ion	Ratio	Lower	Upper
88	100		
58	49.7	62.7	94.1#
43	2272.9	23.7	35.5#



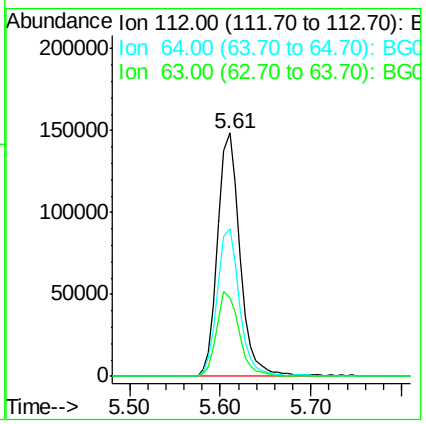


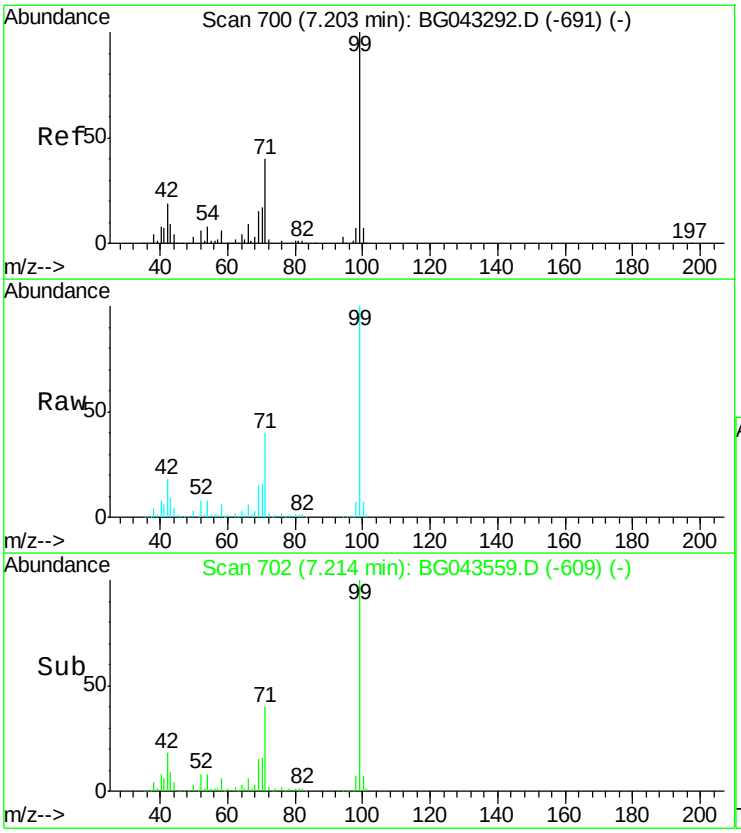
#5
2-Fluorophenol
Concen: 133.786 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.02 min
Lab File: BG043559.D
Acq: 8 Nov 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB124608TB

Tgt Ion:112 Resp: 254912

Ion	Ratio	Lower	Upper
112	100		
64	60.4	50.0	75.0
63	32.4	26.6	40.0

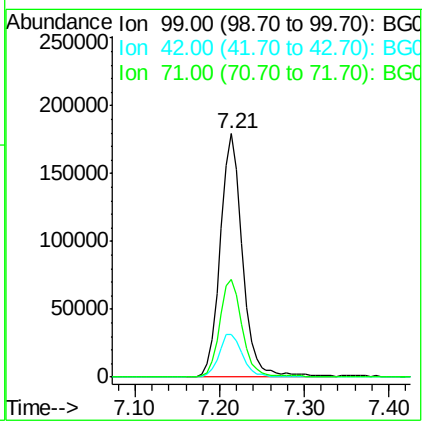


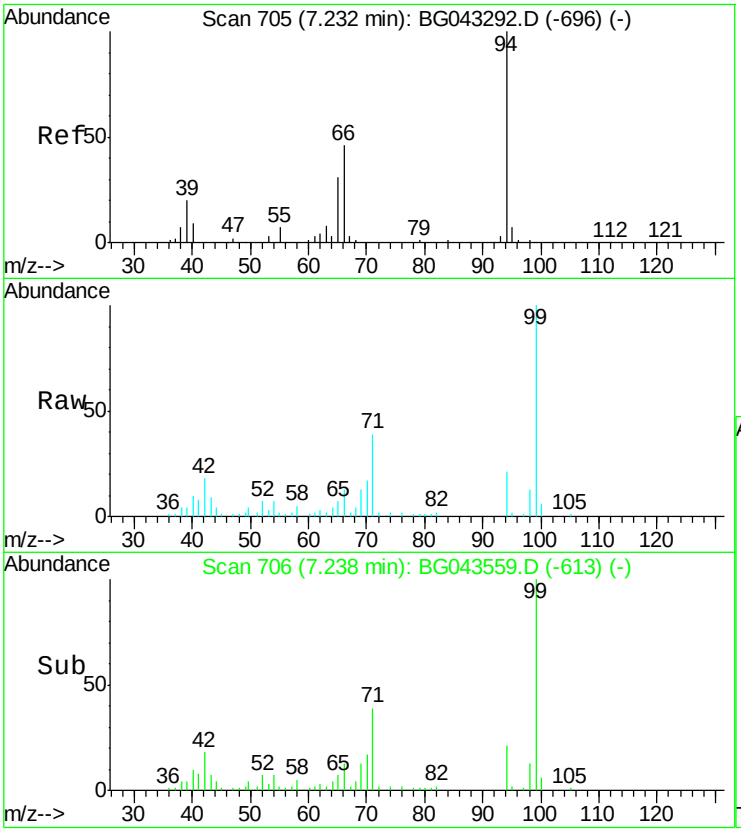


#7
Phenol-d6
Concen: 119.375 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.02 min
Lab File: BG043559.D
Acq: 8 Nov 2019 4:32

Tgt Ion: 99 Resp: 327252

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.6	21.8
71	39.9	32.5	48.7



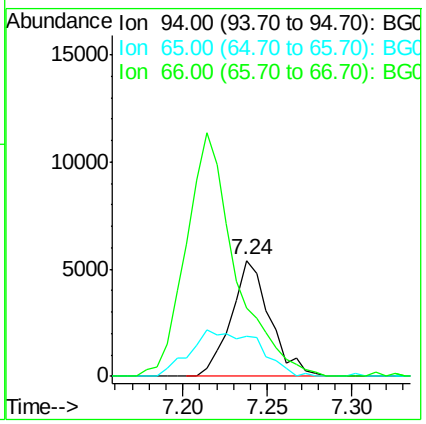


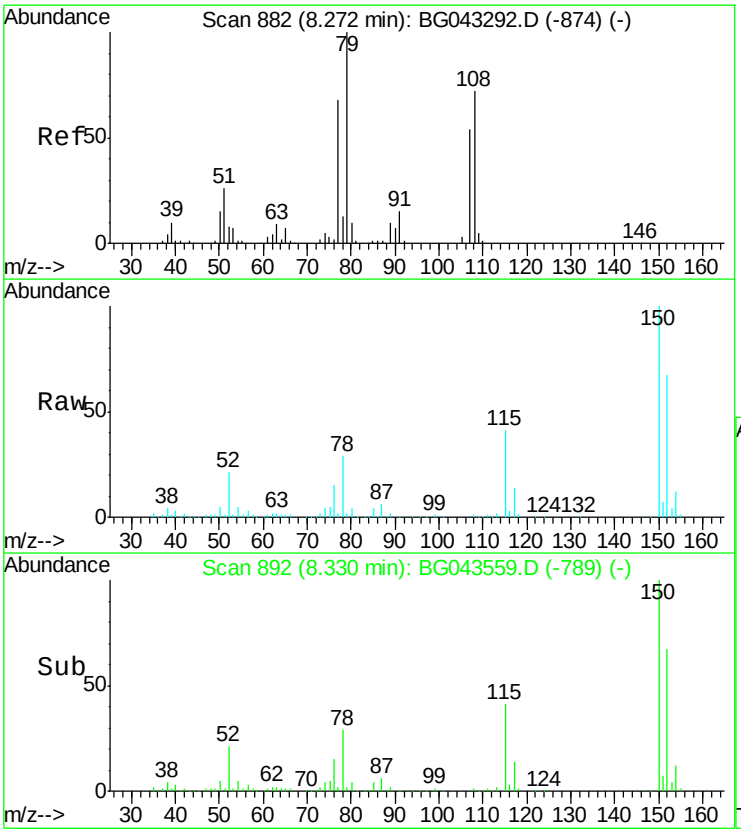
#10
Phenol
Concen: 3.447 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.02 min
Lab File: BG043559.D
Acq: 8 Nov 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB124608TB

Tgt Ion: 94 Resp: 8636

Ion	Ratio	Lower	Upper
94	100		
65	34.2	12.6	52.6
66	58.8	30.7	70.7

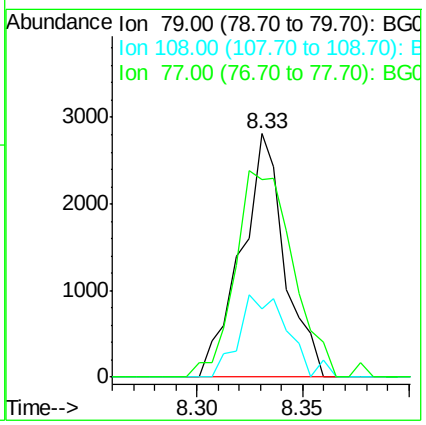


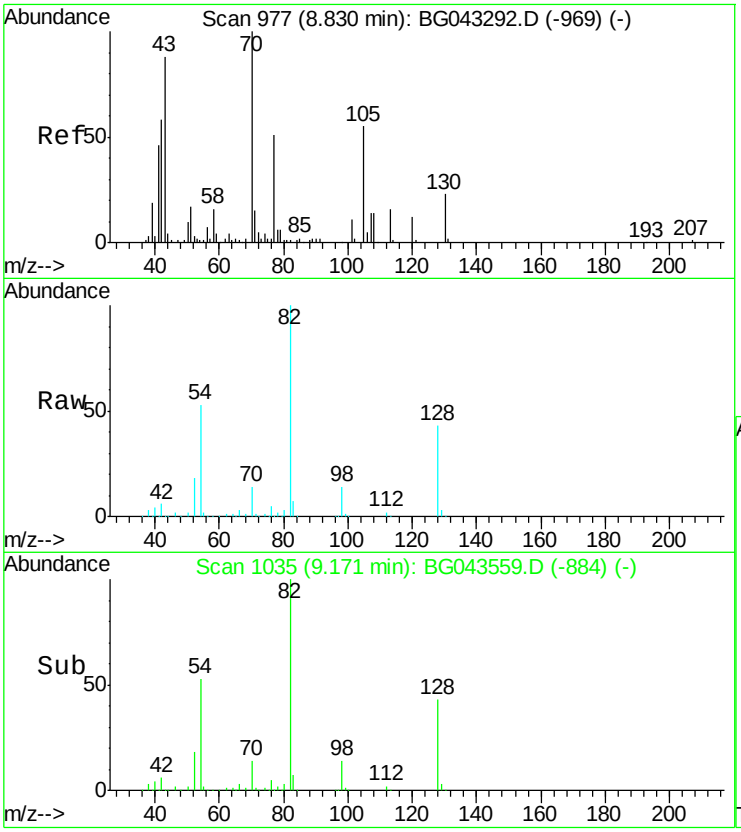


#15
Benzyl Alcohol
Concen: 2.102 ng
RT: 8.33 min Scan# 892
Delta R.T. 0.08 min
Lab File: BG043559.D
Acq: 8 Nov 2019 4:32

Tgt Ion: 79 Resp: 4047

Ion	Ratio	Lower	Upper
79	100		
108	27.8	53.6	80.4#
77	81.0	49.6	74.4#



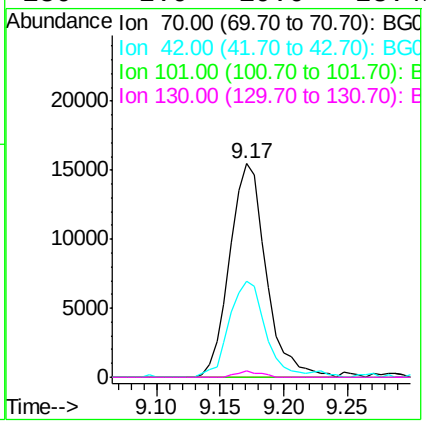


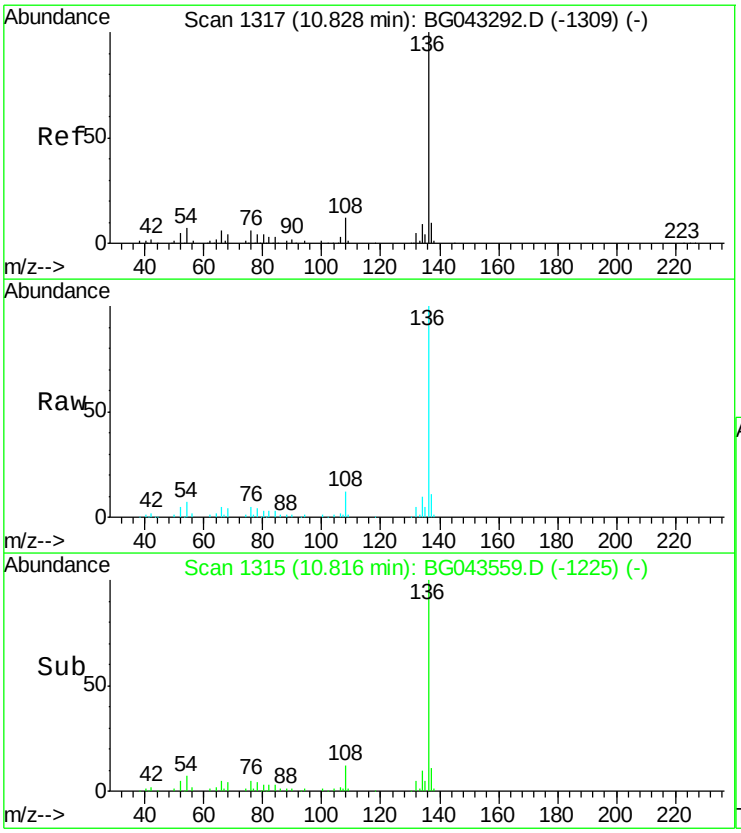
#19
n-Nitroso-di-n-propylamine
Concen: 17.383 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.36 min
Lab File: BG043559.D
Acq: 8 Nov 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB124608TB

Tgt Ion: 70 Resp: 30792

Ion	Ratio	Lower	Upper
70	100		
42	45.2	41.4	62.2
101	0.0	7.9	11.9#
130	2.9	19.0	28.4#

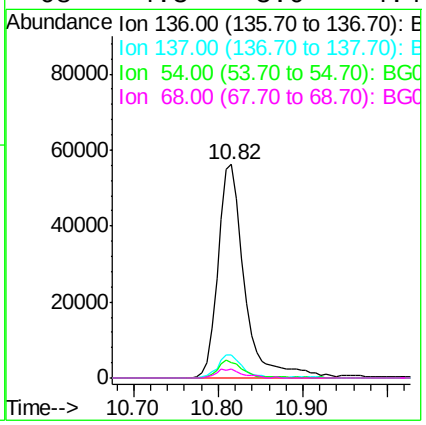


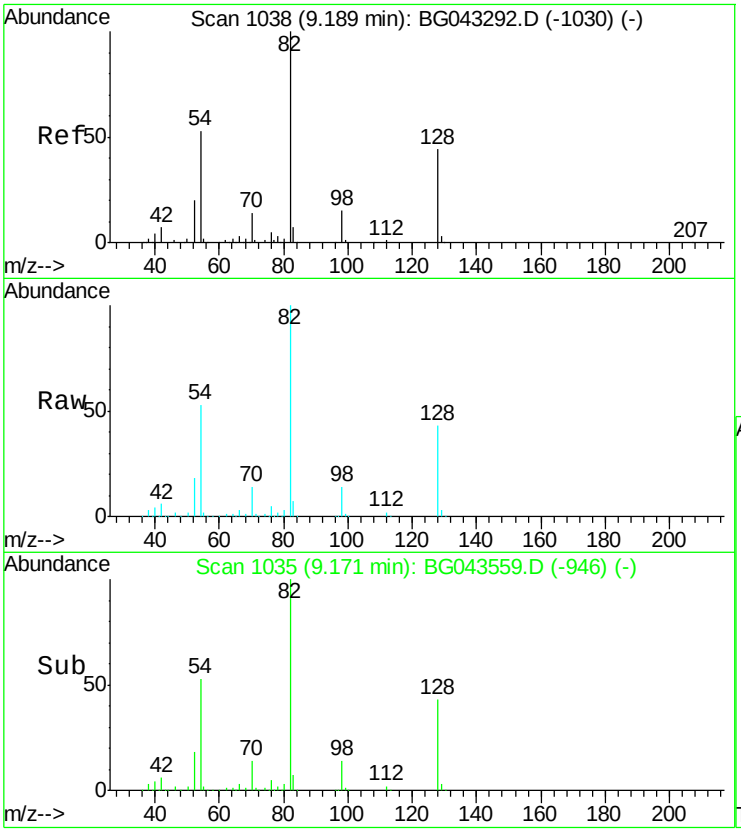


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043559.D
Acq: 8 Nov 2019 4:32

Tgt Ion:136 Resp: 122723

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.0	5.4	8.2
68	4.3	3.0	4.4



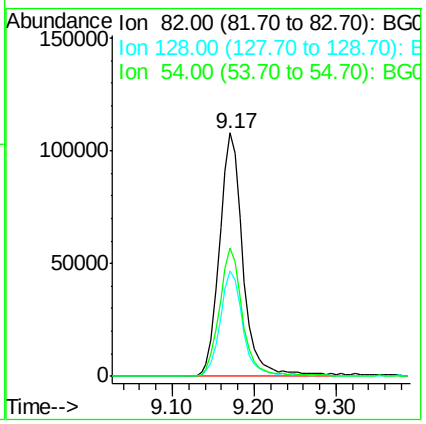


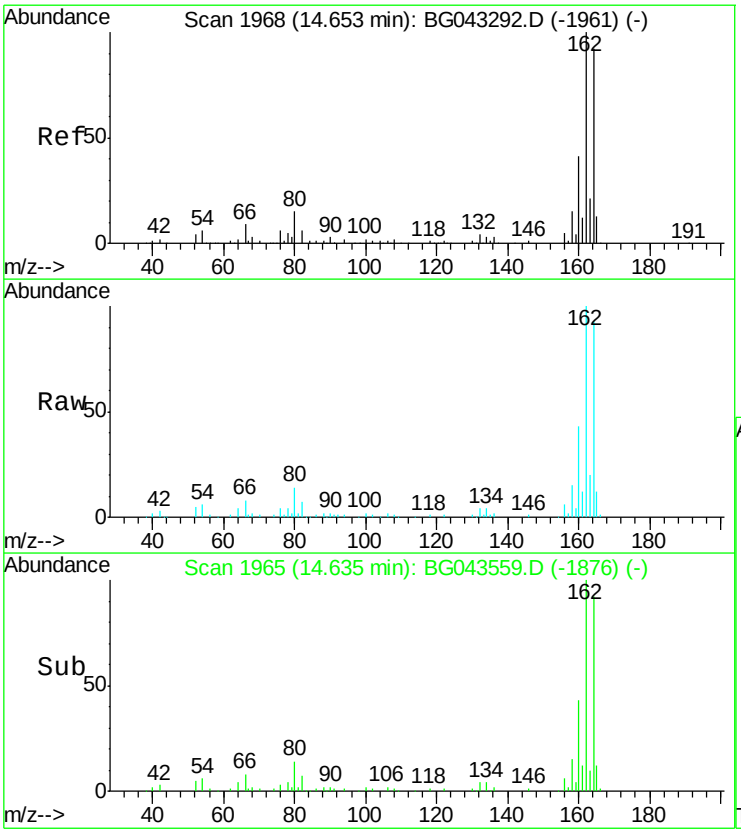
#23
Nitrobenzene-d5
Concen: 90.406 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043559.D
Acq: 8 Nov 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB124608TB

Tgt Ion: 82 Resp: 215206

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.0	52.6
54	52.6	40.2	60.2

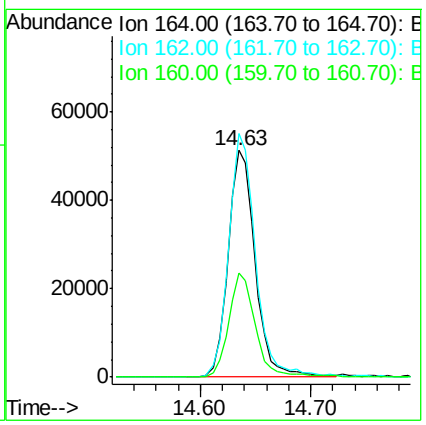


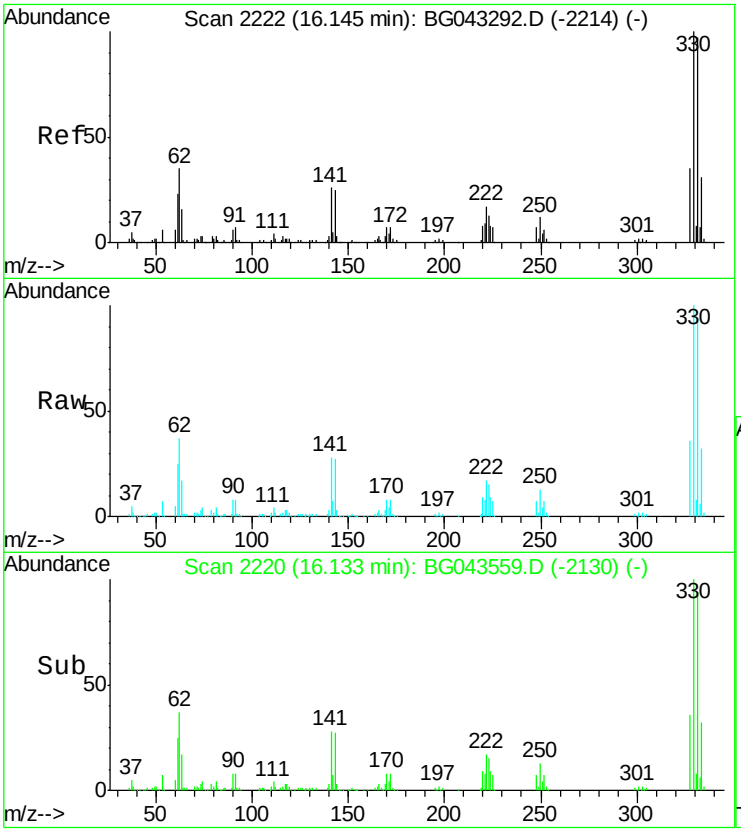


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043559.D
Acq: 8 Nov 2019 4:32

Tgt Ion:164 Resp: 88005

Ion	Ratio	Lower	Upper
164	100		
162	107.5	83.5	125.3
160	46.0	36.5	54.7



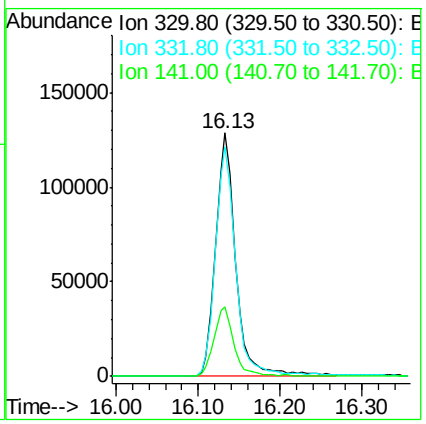


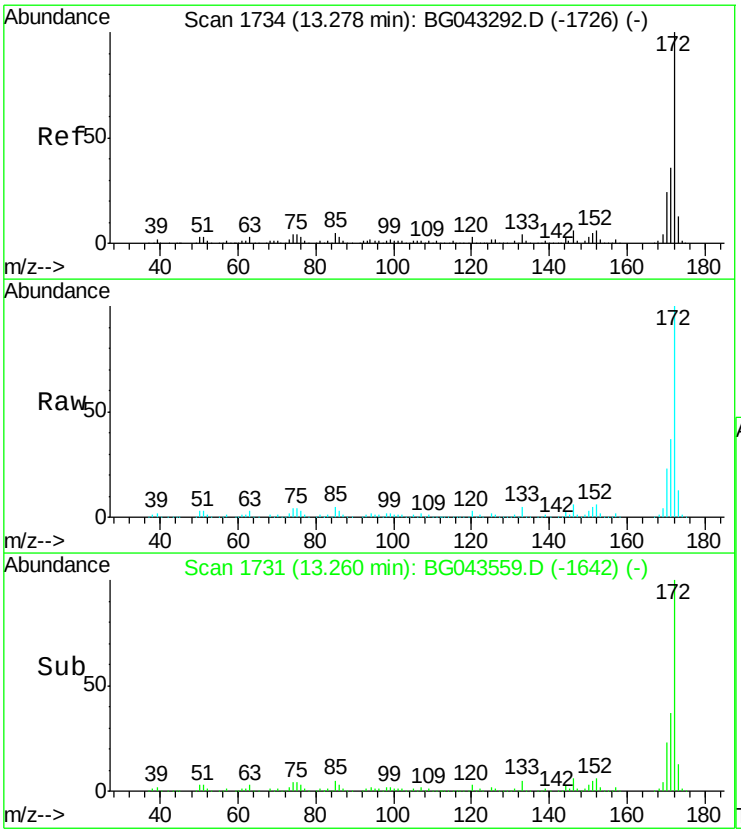
#42
2,4,6-Tribromophenol
Concen: 132.248 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG043559.D
Acq: 8 Nov 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB124608TB

Tgt Ion:330 Resp: 221481

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.4	116.0
141	28.4	22.8	34.2

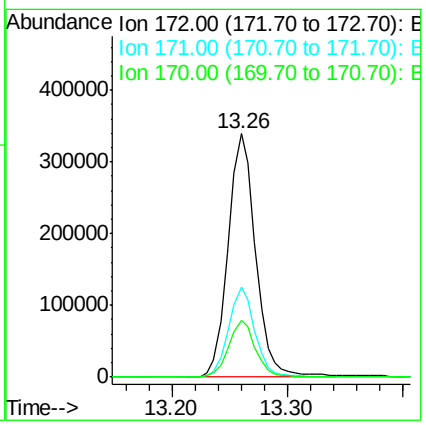


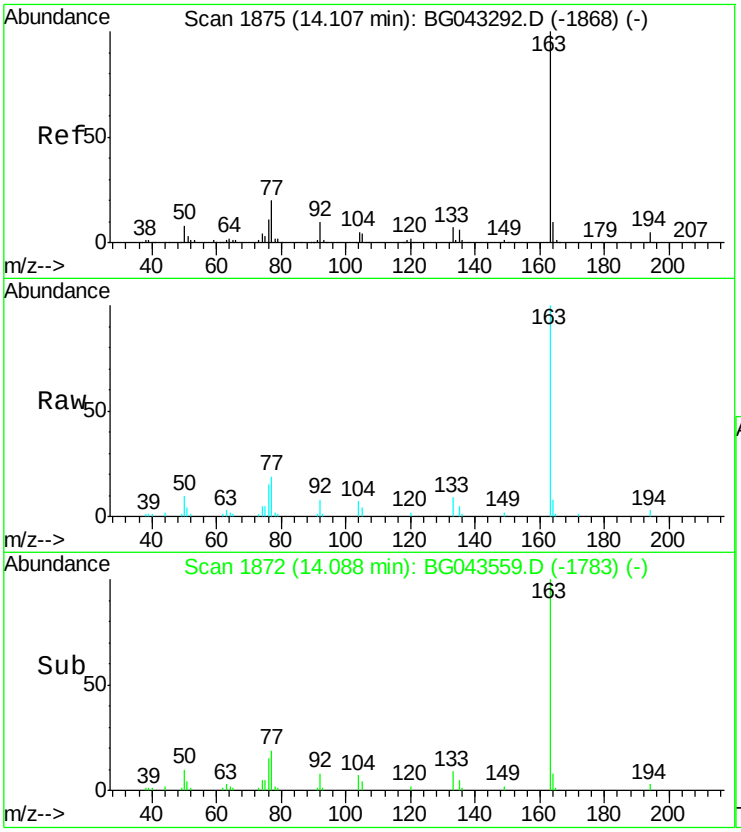


#45
2-Fluorobiphenyl
Concen: 88.009 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043559.D
Acq: 8 Nov 2019 4:32

Tgt Ion:172 Resp: 560517

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	23.5	18.5	27.7



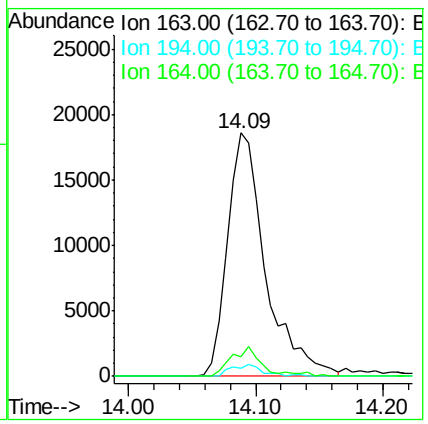


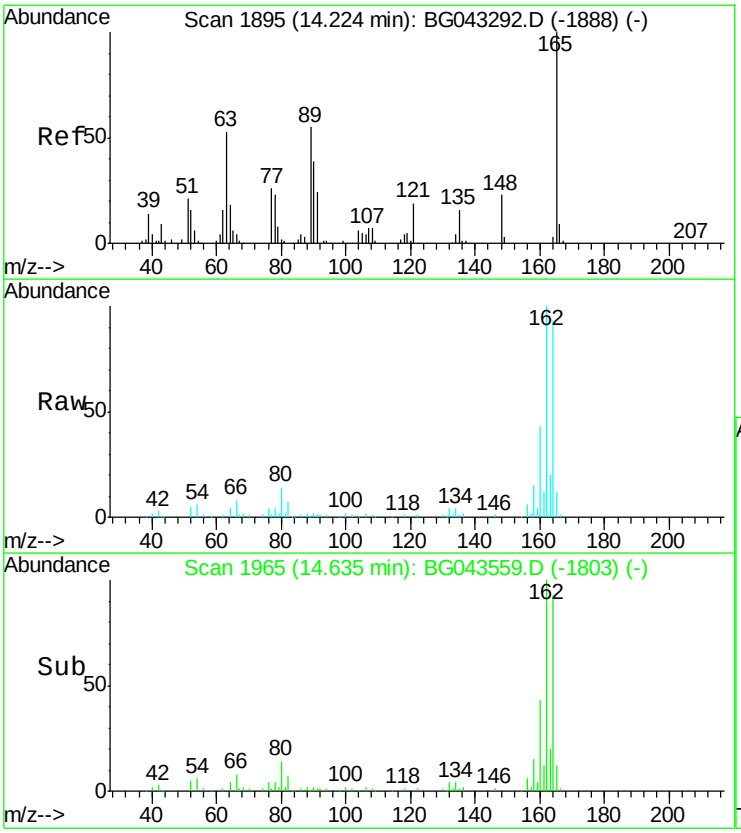
#50
Dimethylphthalate
Concen: 5.668 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043559.D
Acq: 8 Nov 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB124608TB

Tgt Ion:163 Resp: 38638

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.8	5.6#
164	7.9	8.9	13.3#

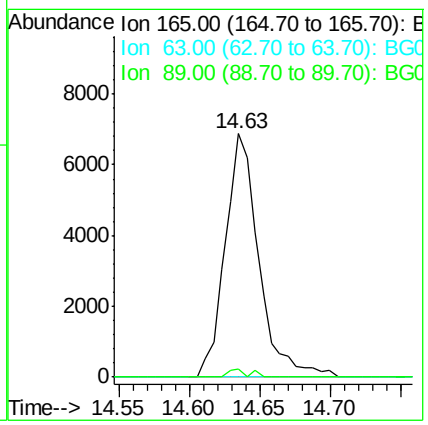


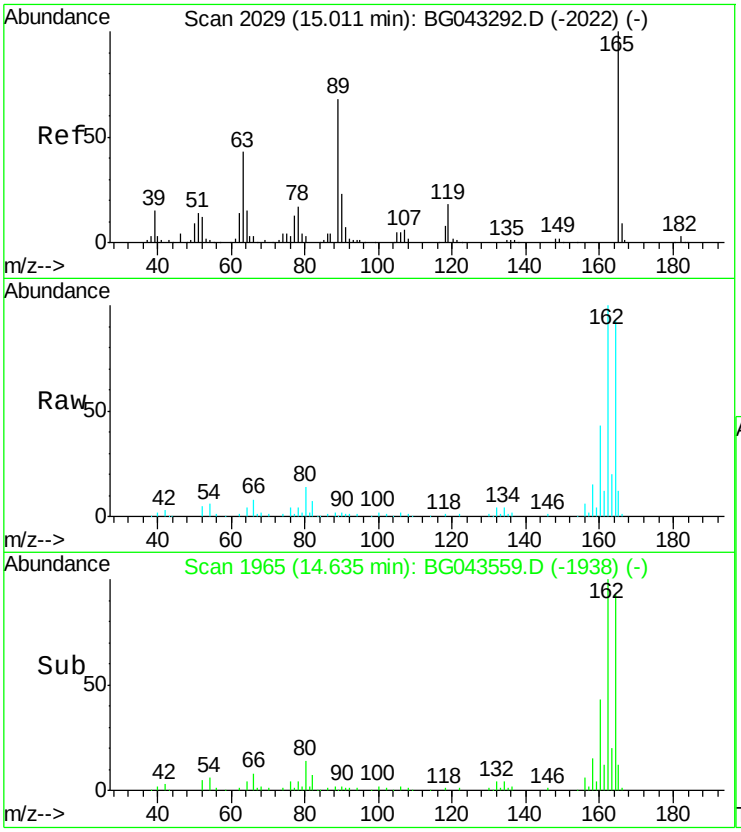


#51
2,6-Dinitrotoluene
Concen: 7.726 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.42 min
Lab File: BG043559.D
Acq: 8 Nov 2019 4:32

Tgt Ion:165 Resp: 11441

Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.6	69.8#
89	3.2	45.1	67.7#



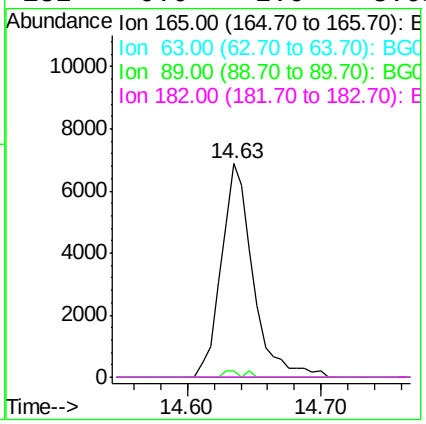


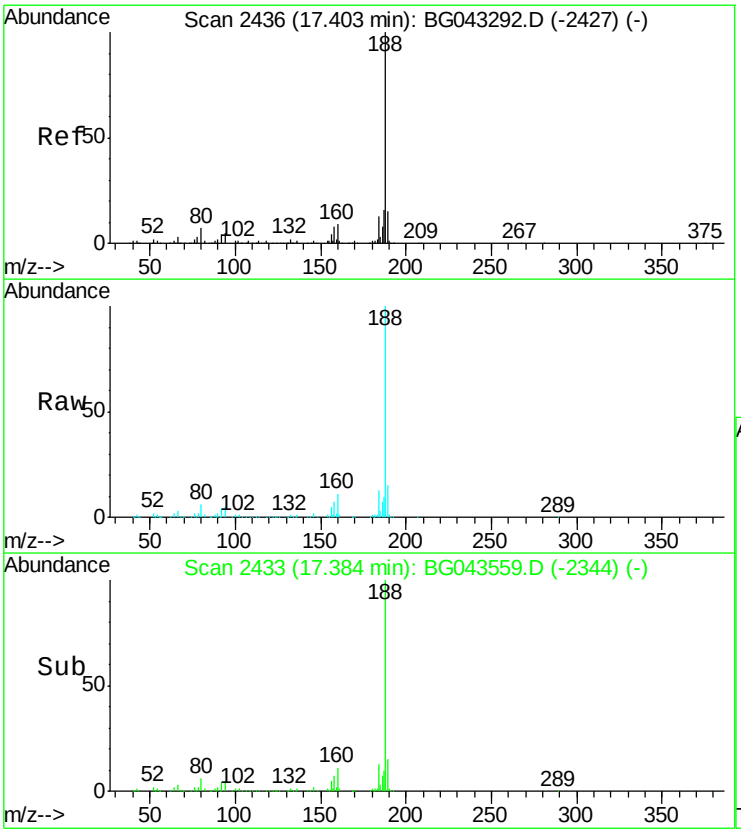
#57
2,4-Dinitrotoluene
Concen: 5.406 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.37 min
Lab File: BG043559.D
Acq: 8 Nov 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB124608TB

Tgt Ion:165 Resp: 11442

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.2	49.8#
89	3.2	52.2	78.4#
182	0.0	2.0	3.0#

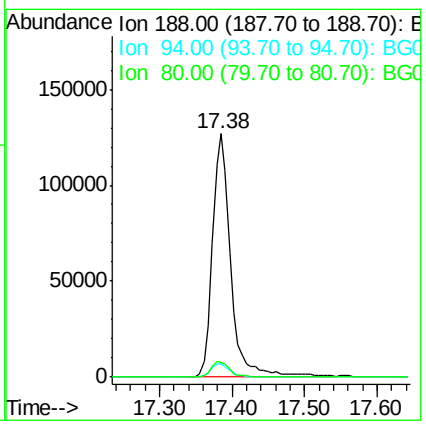


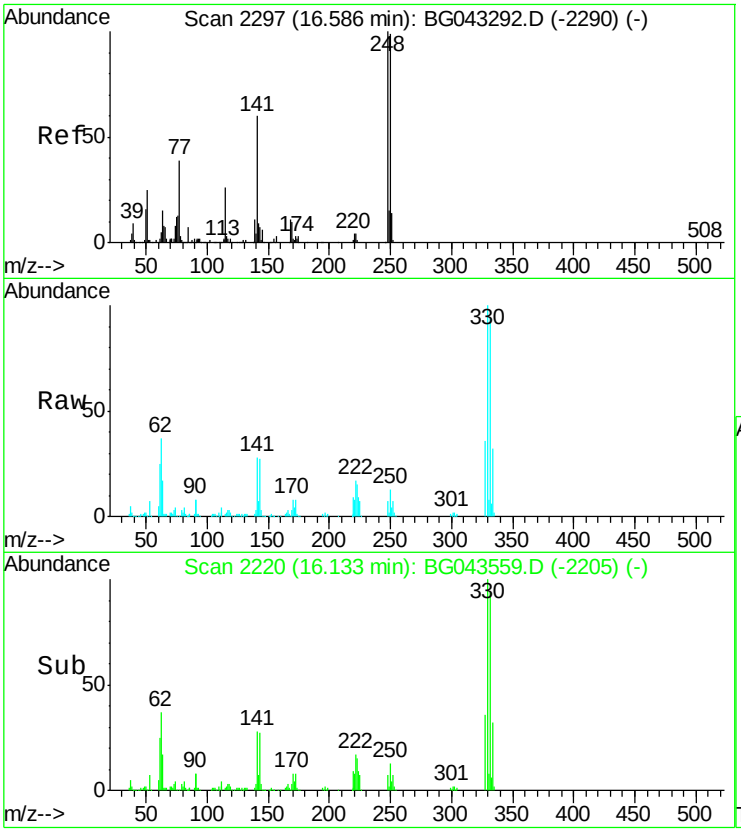


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043559.D
Acq: 8 Nov 2019 4:32

Tgt Ion:188 Resp: 222045

Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.2	6.4
80	6.2	4.5	6.7



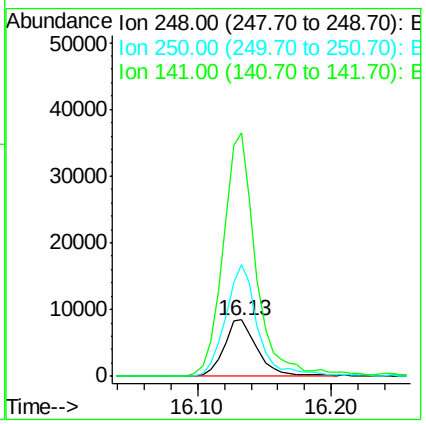


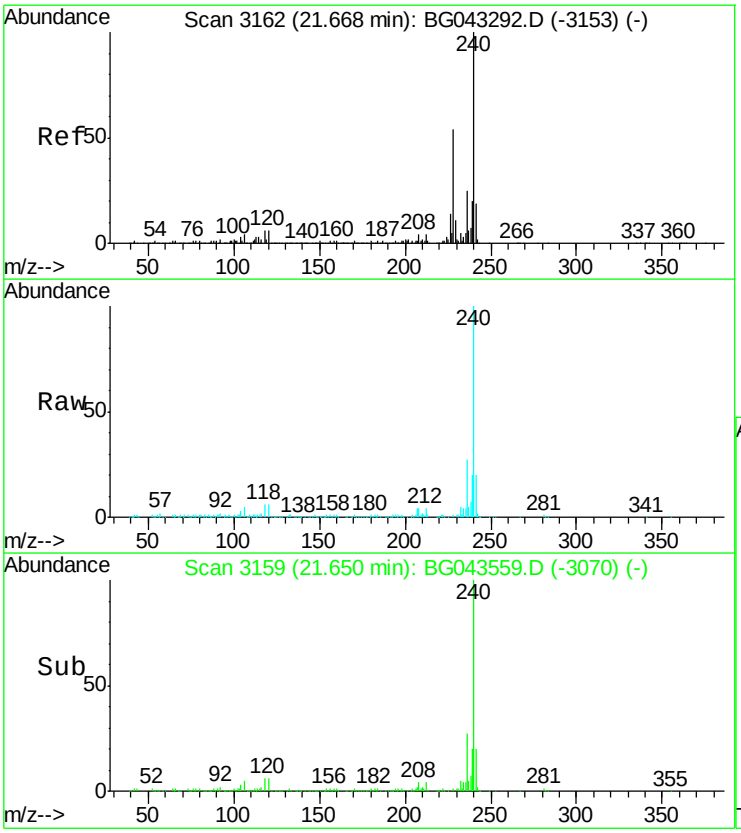
#67
4-Bromophenyl-phenylether
Concen: 4.921 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.44 min
Lab File: BG043559.D
Acq: 8 Nov 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB124608TB

Tgt Ion:248 Resp: 14704

Ion	Ratio	Lower	Upper
248	100		
250	198.9	77.0	115.4#
141	431.5	47.5	71.3#

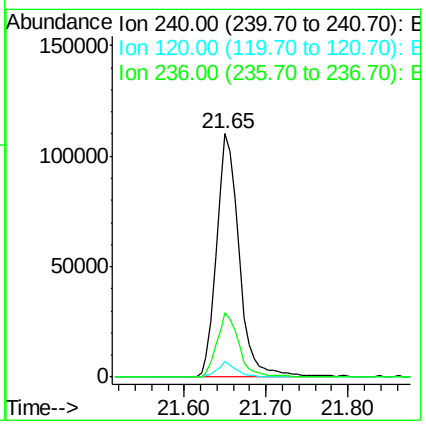


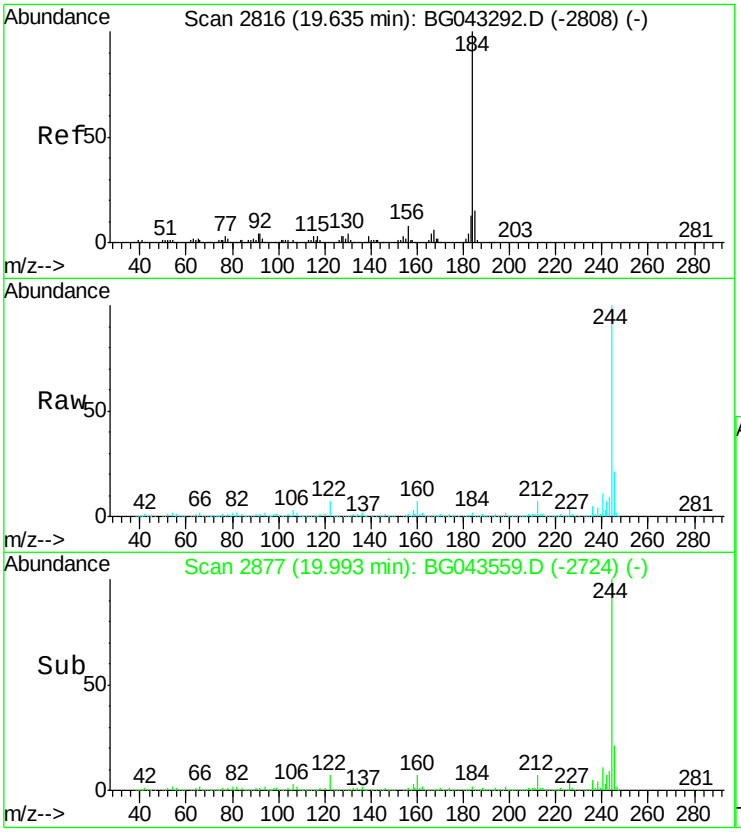


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG043559.D
Acq: 8 Nov 2019 4:32

Tgt Ion:240 Resp: 212167

Ion	Ratio	Lower	Upper
240	100		
120	6.3	4.6	6.8
236	26.6	19.8	29.8



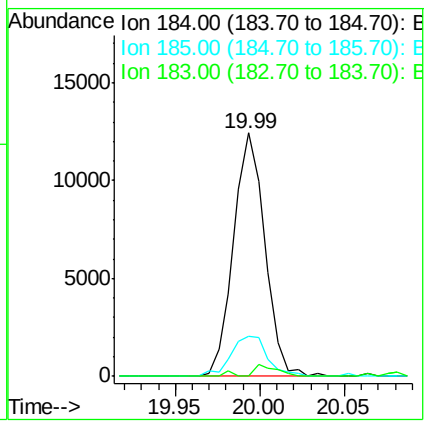


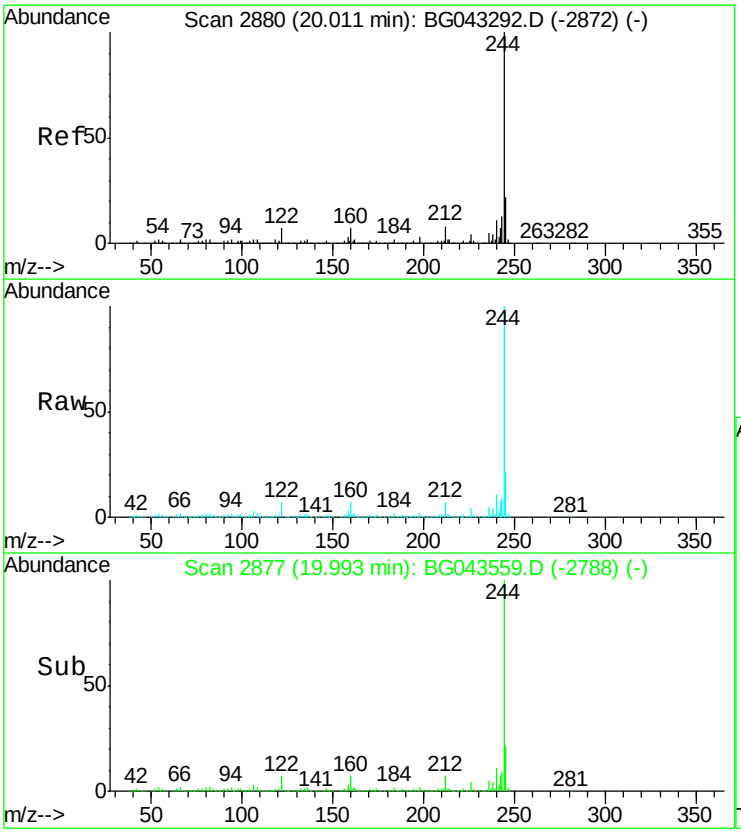
#77
Benzidine
Concen: 3.772 ng
RT: 19.99 min Scan# 2877
Delta R.T. 0.37 min
Lab File: BG043559.D
Acq: 8 Nov 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB124608TB

Tgt Ion:184 Resp: 16105

Ion	Ratio	Lower	Upper
184	100		
185	16.5	11.0	16.4#
183	0.0	10.0	15.0#

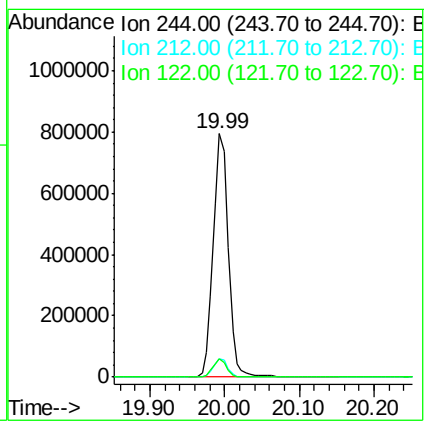


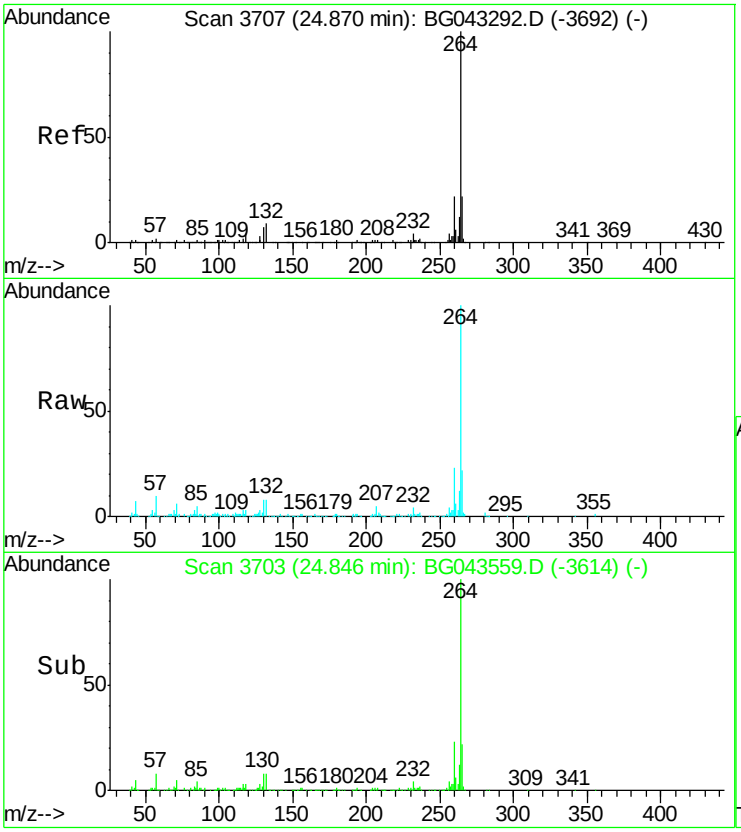


#79
Terphenyl-d14
Concen: 98.899 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BG043559.D
Acq: 8 Nov 2019 4:32

Tgt Ion:244 Resp: 1118474

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	7.4	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: BG043559.D
Acq: 8 Nov 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB124608TB

Tgt Ion:264 Resp: 245141

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.5	26.3
265	21.8	17.4	26.0