Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043579.D
Acq On : 8 Nov 2019 21:15
Operator : JU
Sample : K5742-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-38-(2-4)

Quant Time: Nov 11 00:34:14 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	29037	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	104226	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	82666	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	194048	20.00	ng		0.00
76) Chrysene-d12	21.65	240	190571	20.00	ng		0.00
87) Perylene-d12	24.83	264	217167	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	215469	135.98	ng		0.00
7) Phenol-d6	7.21	99	307443	134.85	ng		0.00
23) Nitrobenzene-d5	9.17	82	182734	90.39	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	181432	115.33	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	488111	81.59	ng		0.00
79) Terphenyl-d14	19.99	244	917858	90.36	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.23	94	12353	5.929	ng		86
15) Benzyl Alcohol	8.33	79	3546	2.215	ng	#	57
19) n-Nitroso-di-n-propylamine	9.16	70	25623	17.393	ng	#	72
50) Dimethylphthalate	14.09	163	54228	8.469	ng	#	99
57) 2,4-Dinitrotoluene	14.64	165	11127	5.597	ng	#	27
67) 4-Bromophenyl-phenylether	16.13	248	11905	4.559	ng	#	1
77) Benzidine	19.99	184	12624	3.292	ng	#	88

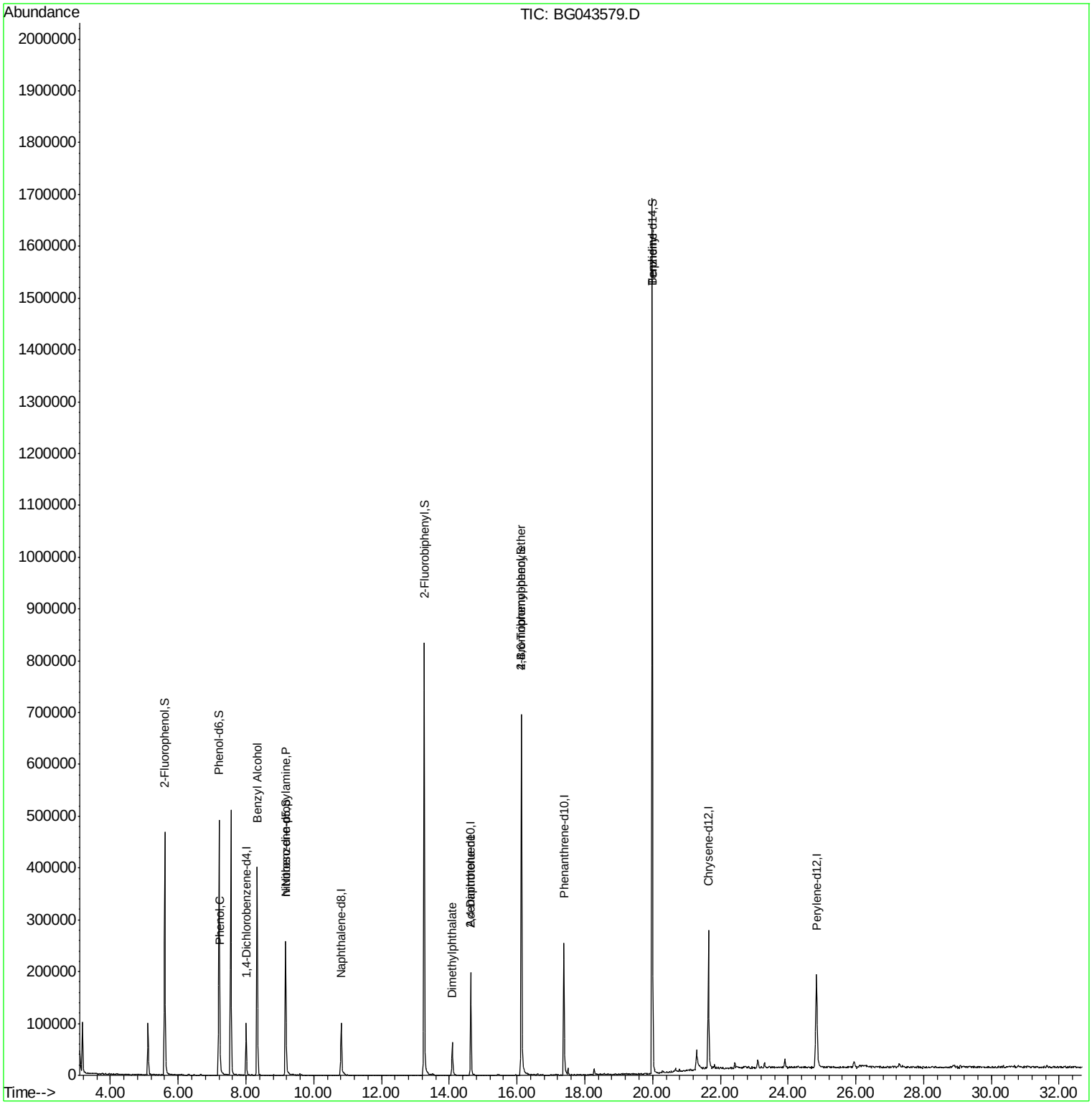
(#) = qualifier out of range (m) = manual integration (+) = signals summed

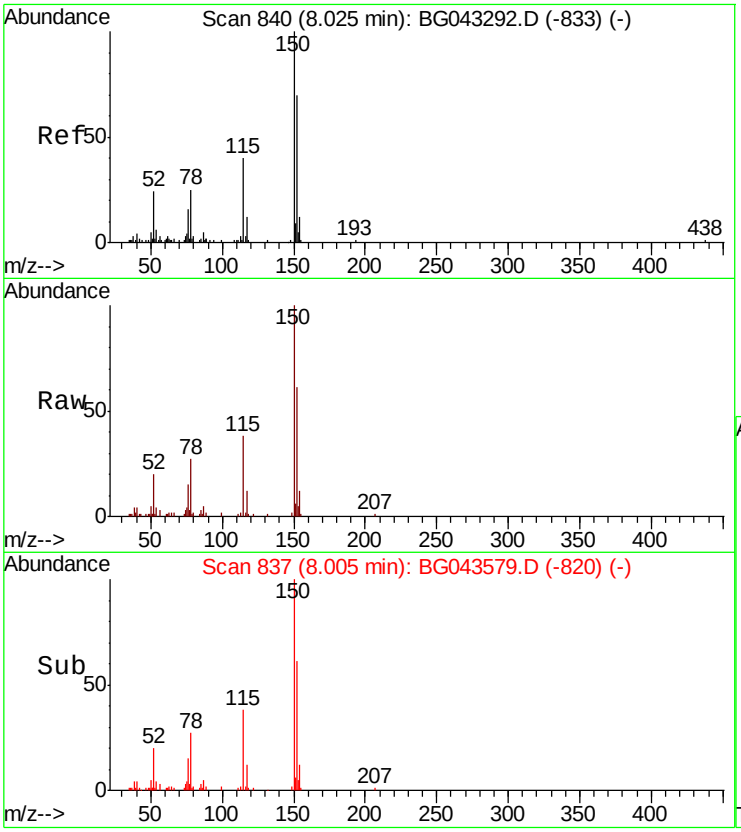
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043579.D
Acq On : 8 Nov 2019 21:15
Operator : JU
Sample : K5742-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)

Quant Time: Nov 11 00:34:14 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



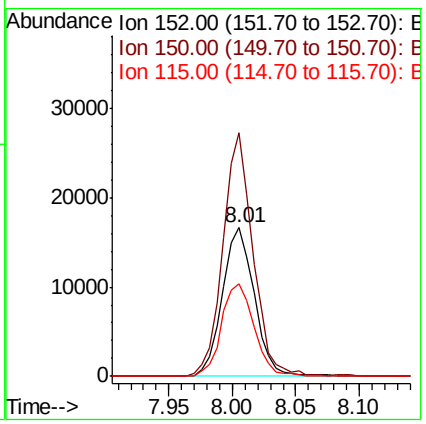


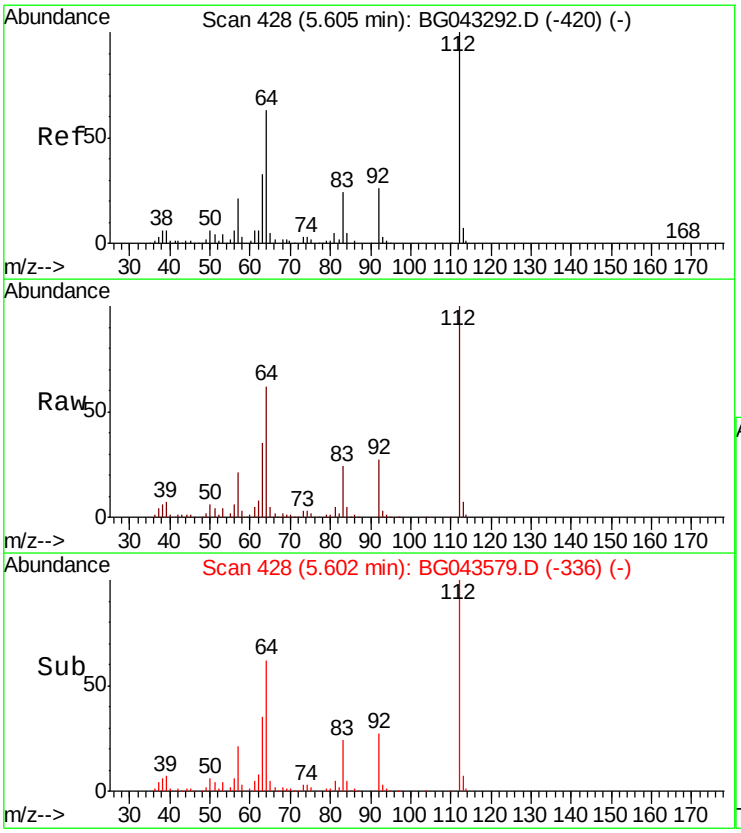
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)

Tgt Ion:152 Resp: 29037

Ion	Ratio	Lower	Upper
152	100		
150	164.1	129.4	194.0
115	62.1	48.8	73.2

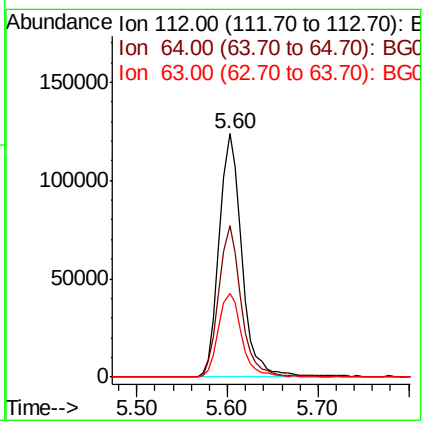


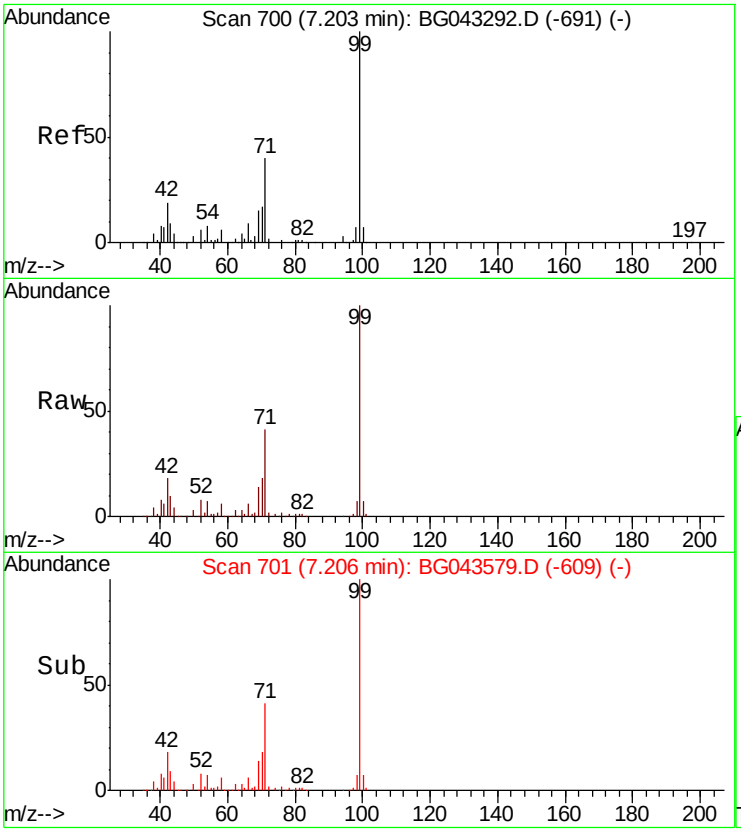


#5
2-Fluorophenol
Concen: 135.977 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Tgt Ion:112 Resp: 215469

Ion	Ratio	Lower	Upper
112	100		
64	62.5	50.0	75.0
63	34.6	26.6	40.0



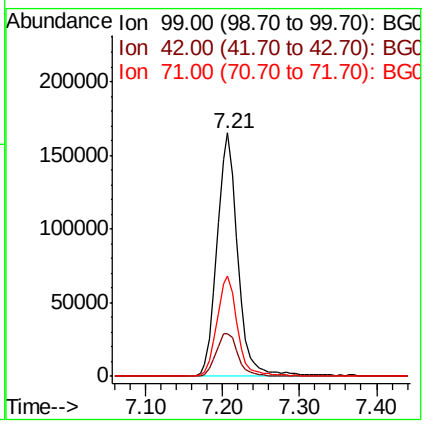


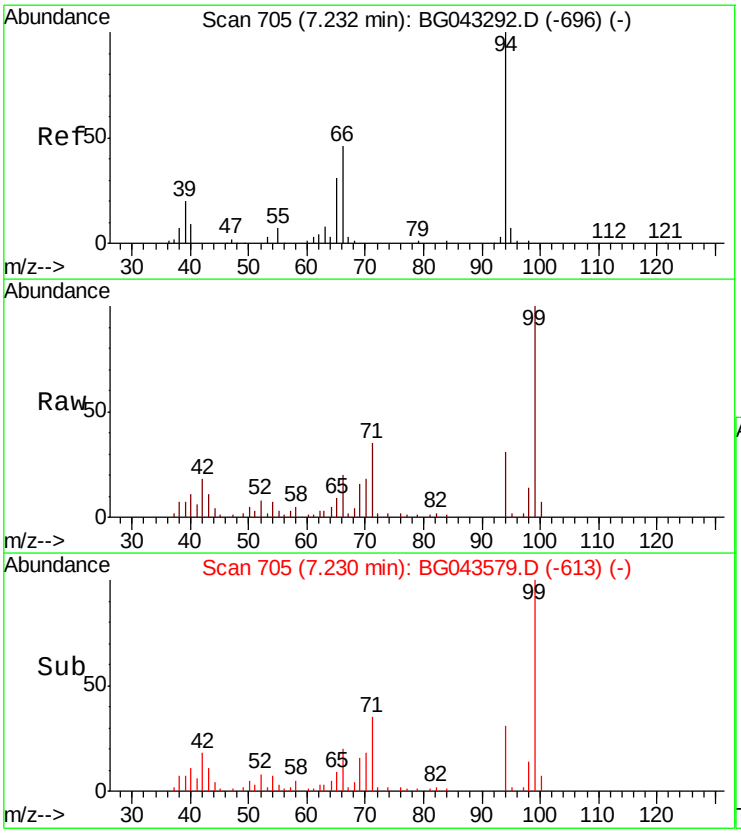
#7
Phenol-d6
Concen: 134.851 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.01 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)

Tgt Ion: 99 Resp: 307443

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.6	21.8
71	41.2	32.5	48.7

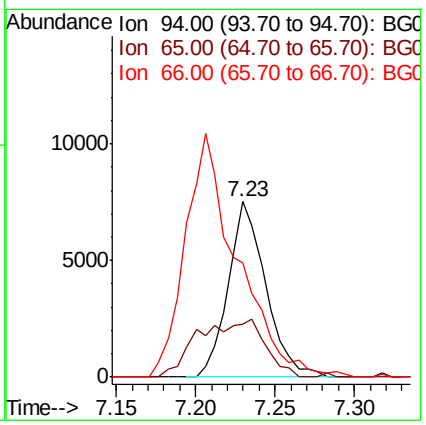


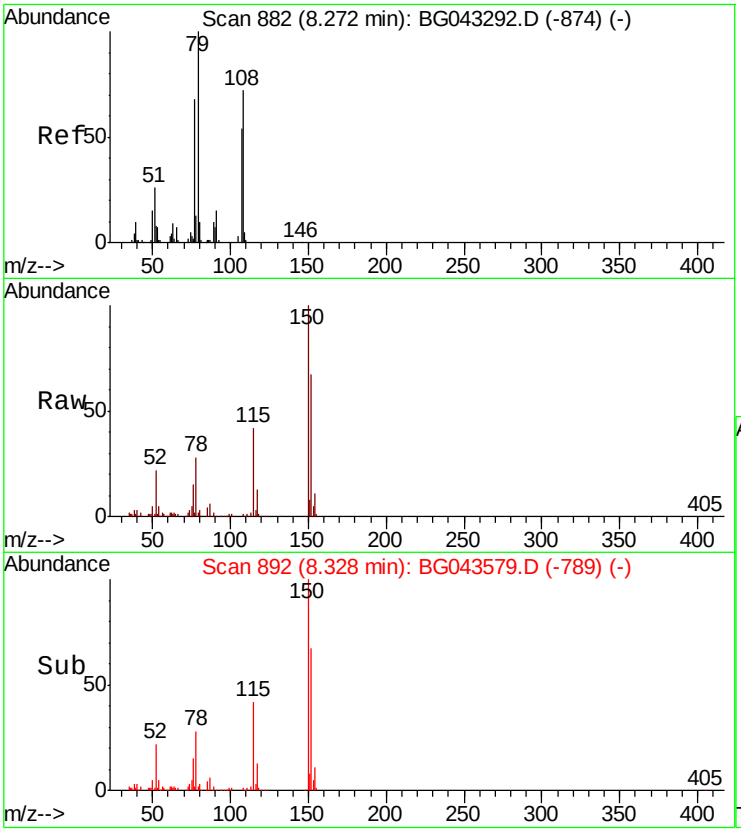


#10
Phenol
Concen: 5.929 ng
RT: 7.23 min Scan# 705
Delta R.T. 0.01 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Tgt Ion: 94 Resp: 12353

Ion	Ratio	Lower	Upper
94	100		
65	30.4	12.6	52.6
66	65.1	30.7	70.7



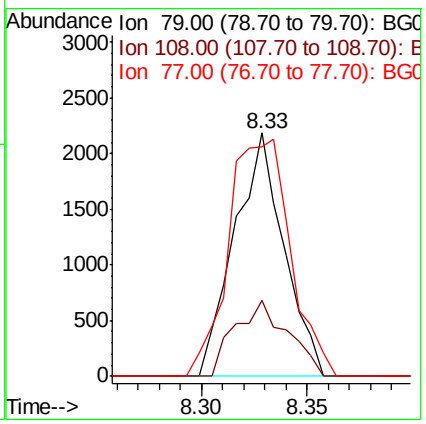


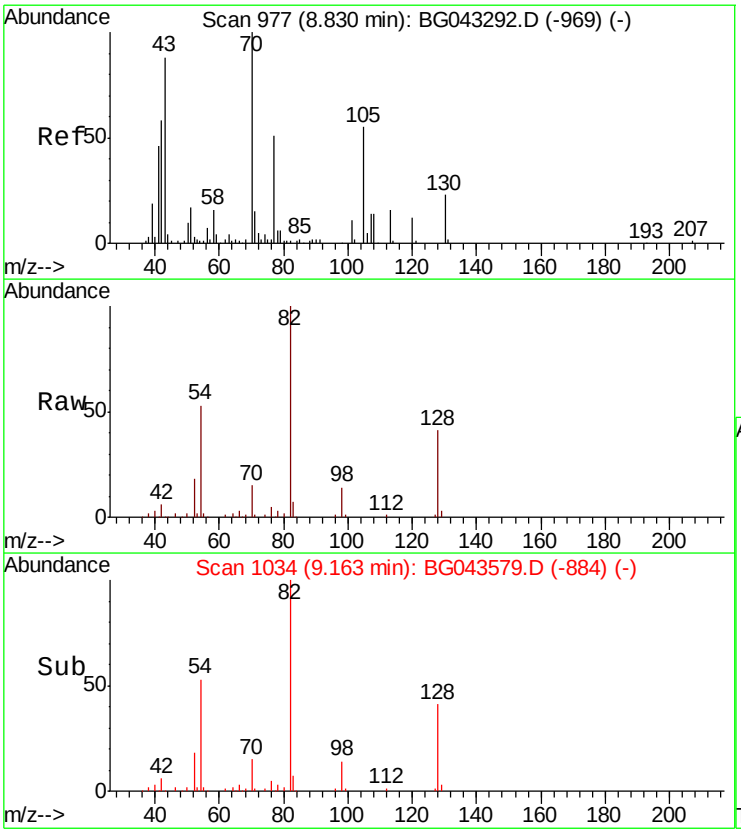
#15
Benzyl Alcohol
Concen: 2.215 ng
RT: 8.33 min Scan# 892
Delta R.T. 0.07 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)

Tgt Ion: 79 Resp: 3546

Ion	Ratio	Lower	Upper
79	100		
108	31.3	53.6	80.4#
77	94.3	49.6	74.4#

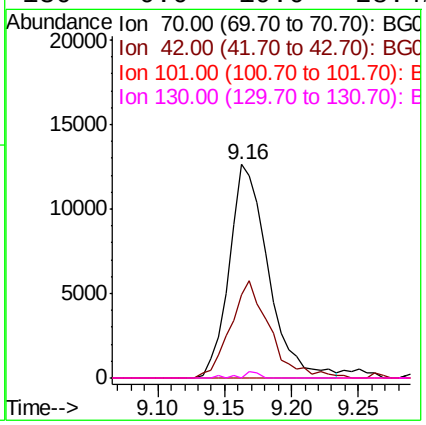


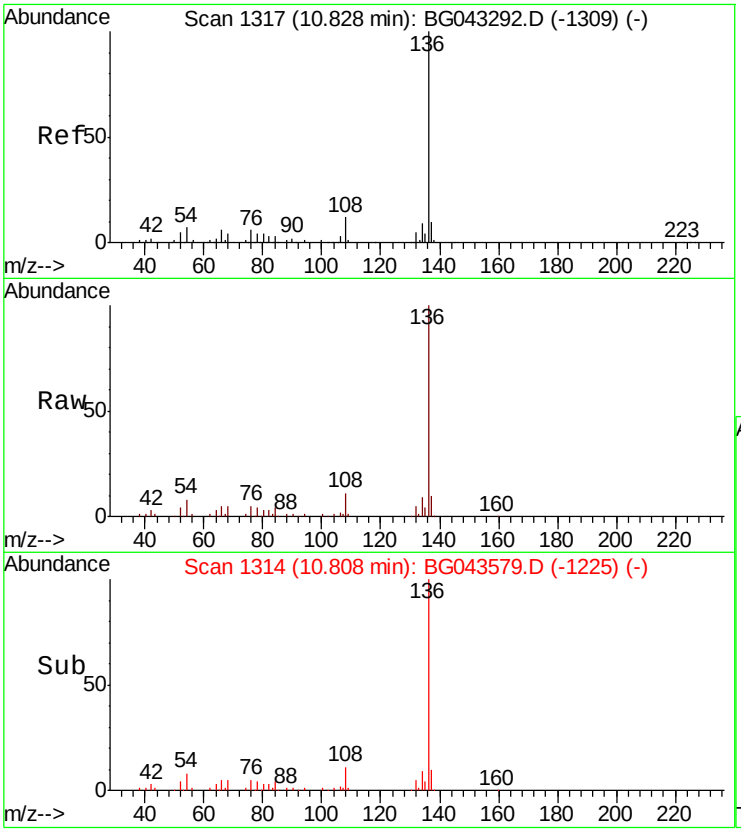


#19
n-Nitroso-di-n-propylamine
Concen: 17.393 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Tgt Ion: 70 Resp: 25623

Ion	Ratio	Lower	Upper
70	100		
42	38.8	41.4	62.2#
101	0.0	7.9	11.9#
130	0.0	19.0	28.4#



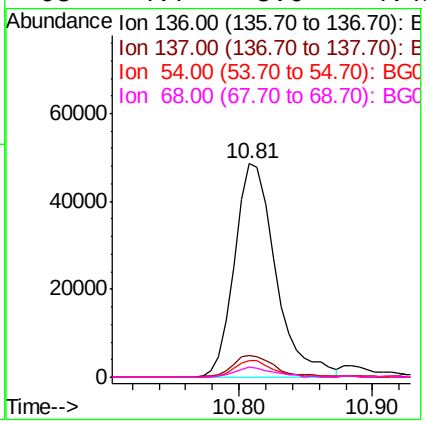


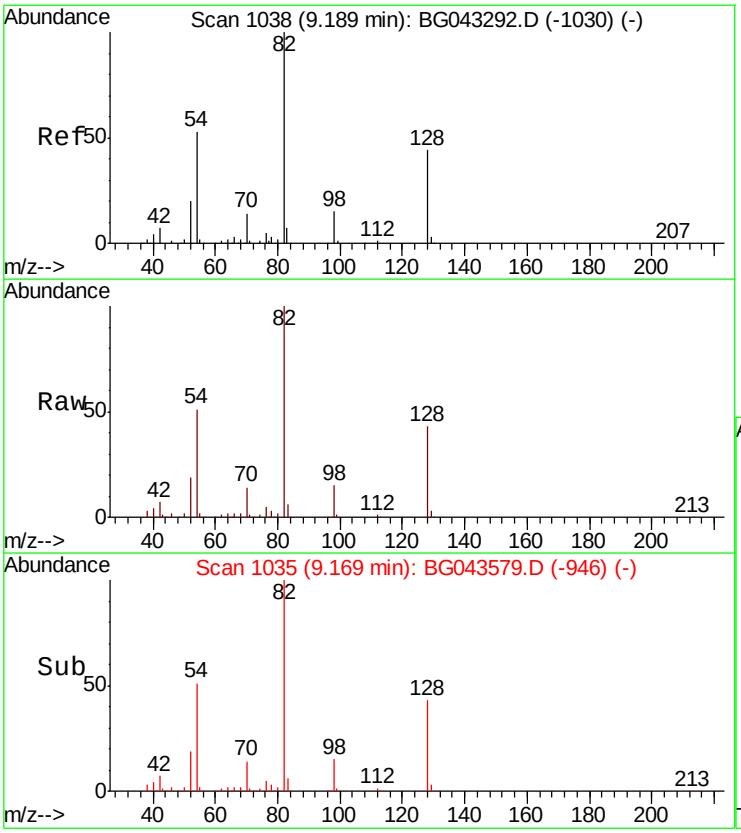
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)

Tgt Ion:136 Resp: 104226

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	7.7	5.4	8.2
68	4.7	3.0	4.4#

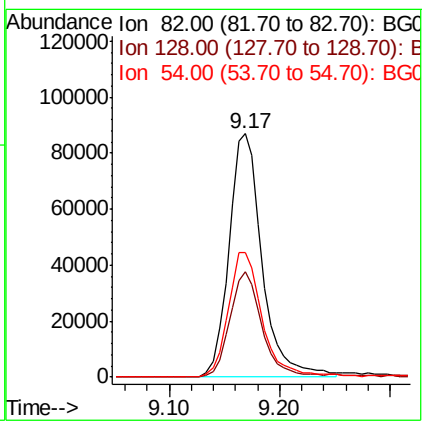


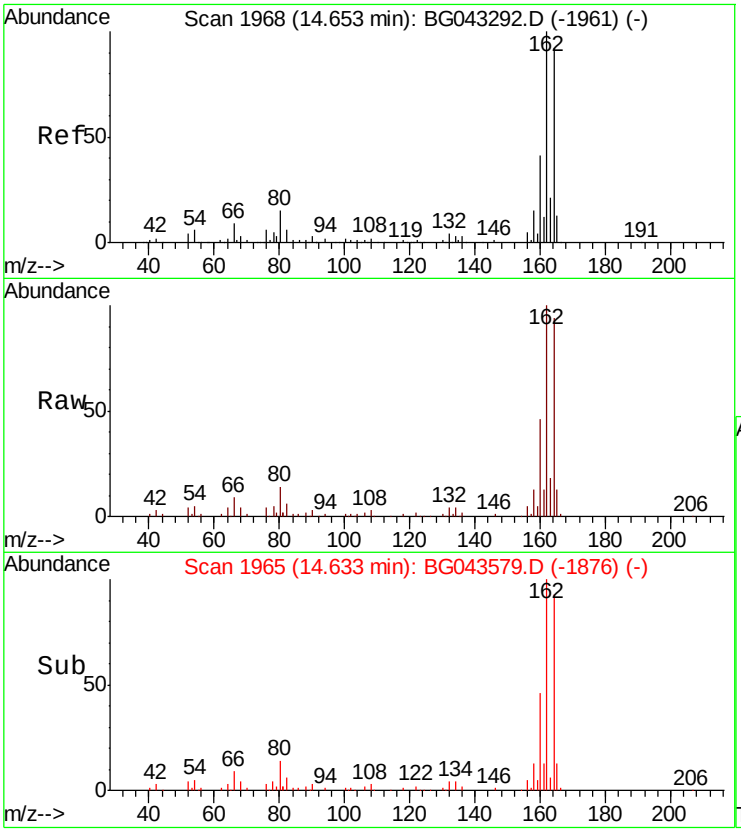


#23
Nitrobenzene-d5
Concen: 90.388 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Tgt Ion: 82 Resp: 182734

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.0	52.6
54	51.4	40.2	60.2



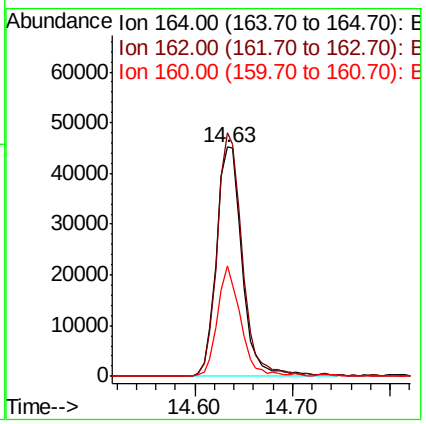


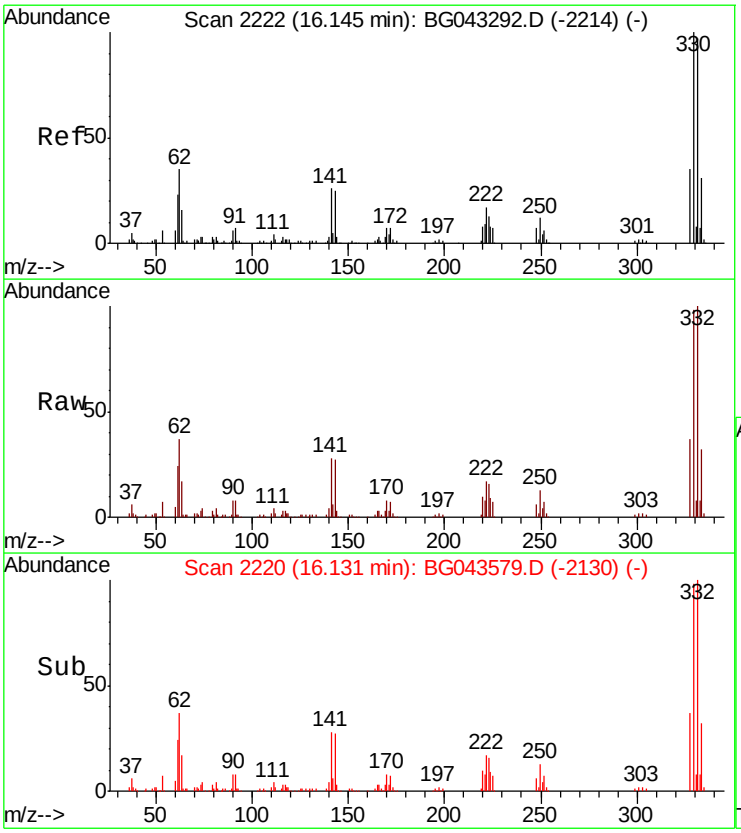
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)

Tgt Ion:164 Resp: 82666

Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.5	125.3
160	48.4	36.5	54.7

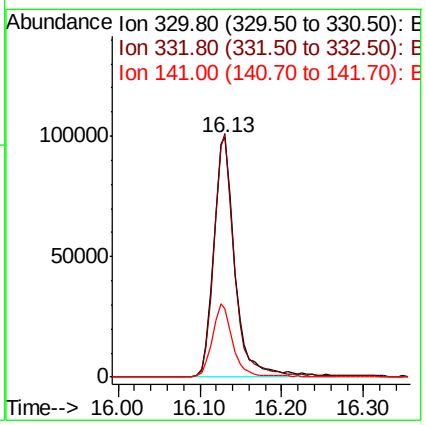


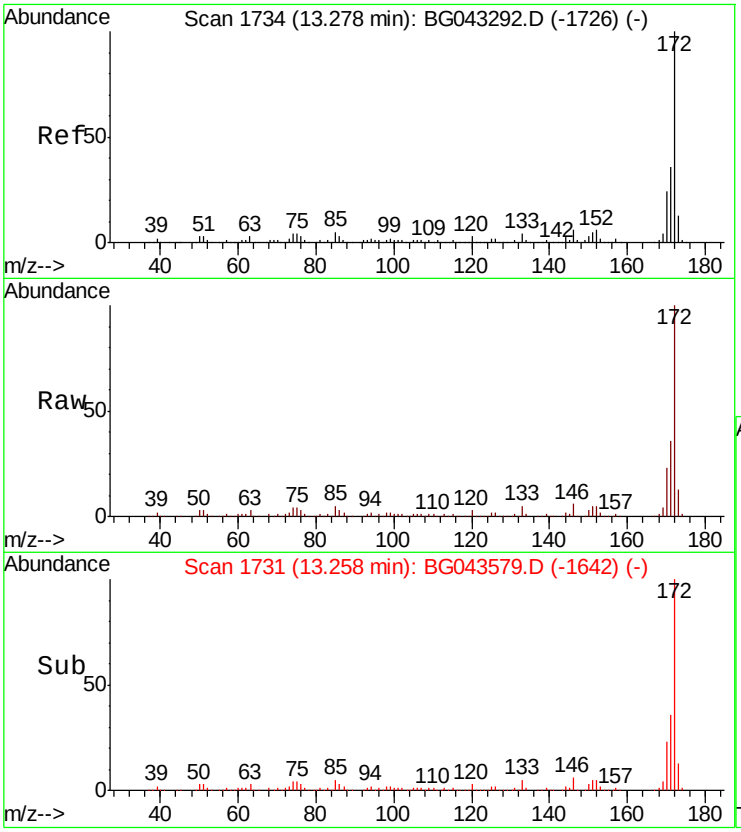


#42
2,4,6-Tribromophenol
Concen: 115.331 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Tgt Ion:330 Resp: 181432

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.0
141	29.3	22.8	34.2



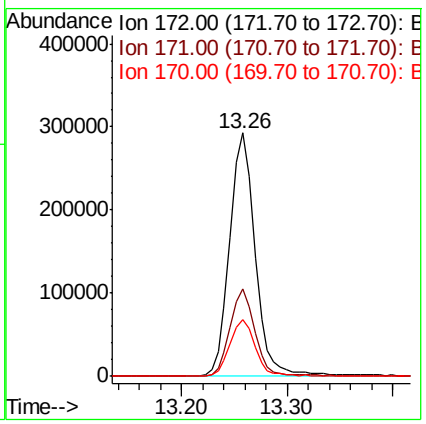


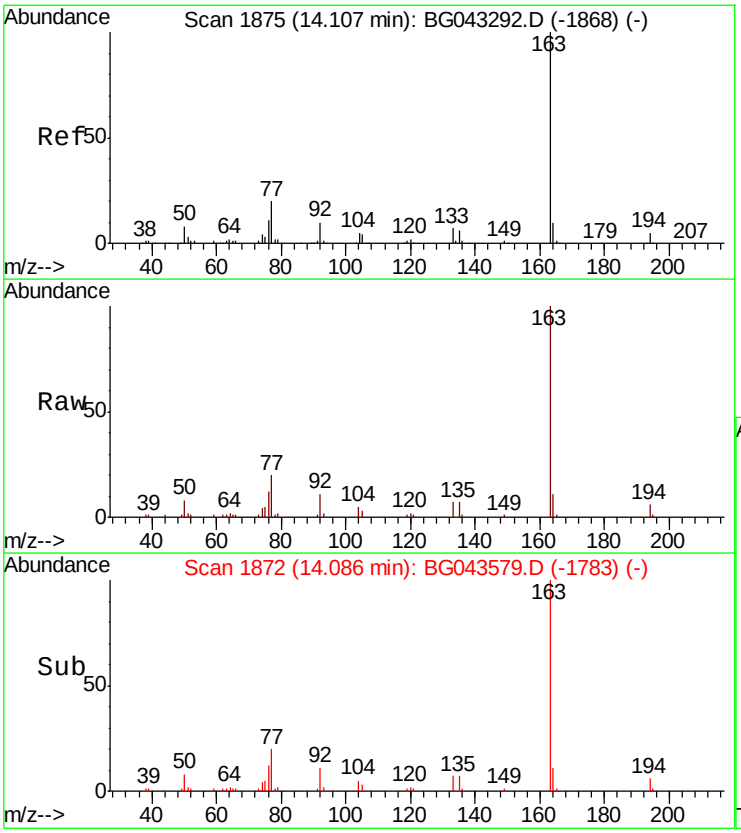
#45
2-Fluorobiphenyl
Concen: 81.590 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)

Tgt Ion:172 Resp: 488111

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.4	18.5	27.7

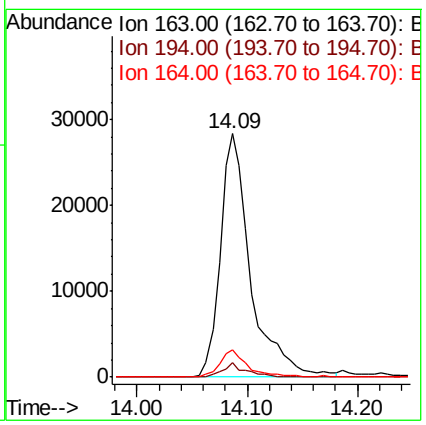


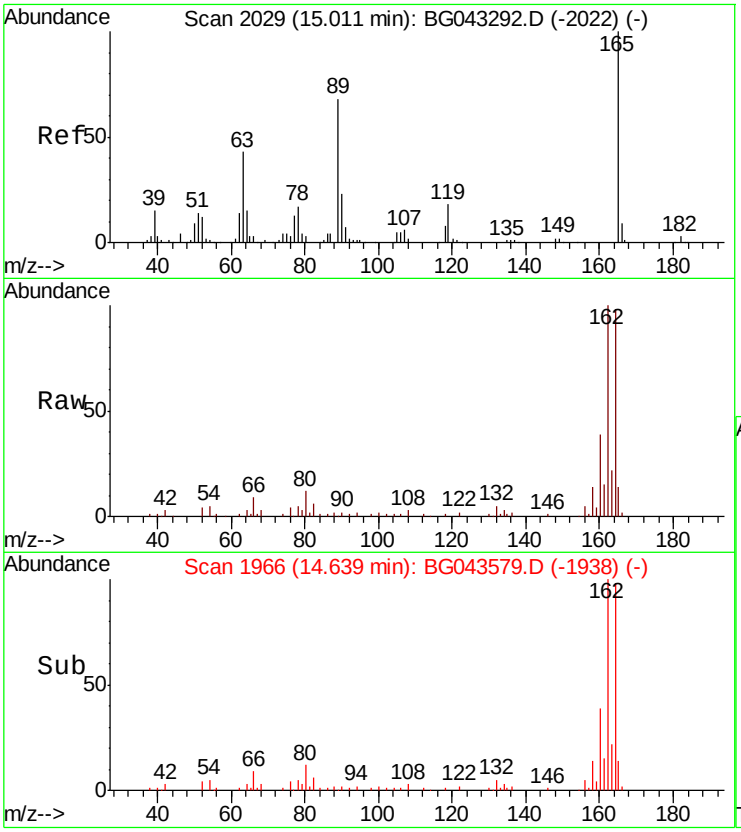


#50
Dimethylphthalate
Concen: 8.469 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Tgt Ion:163 Resp: 54228

Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.8	5.6#
164	11.0	8.9	13.3



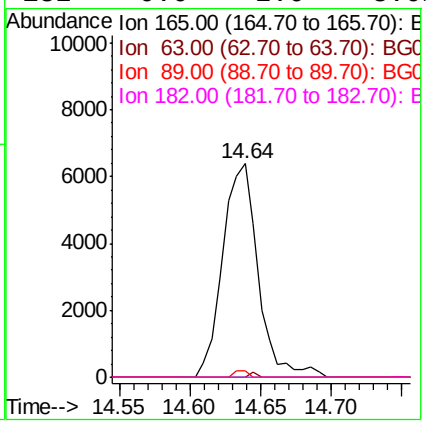


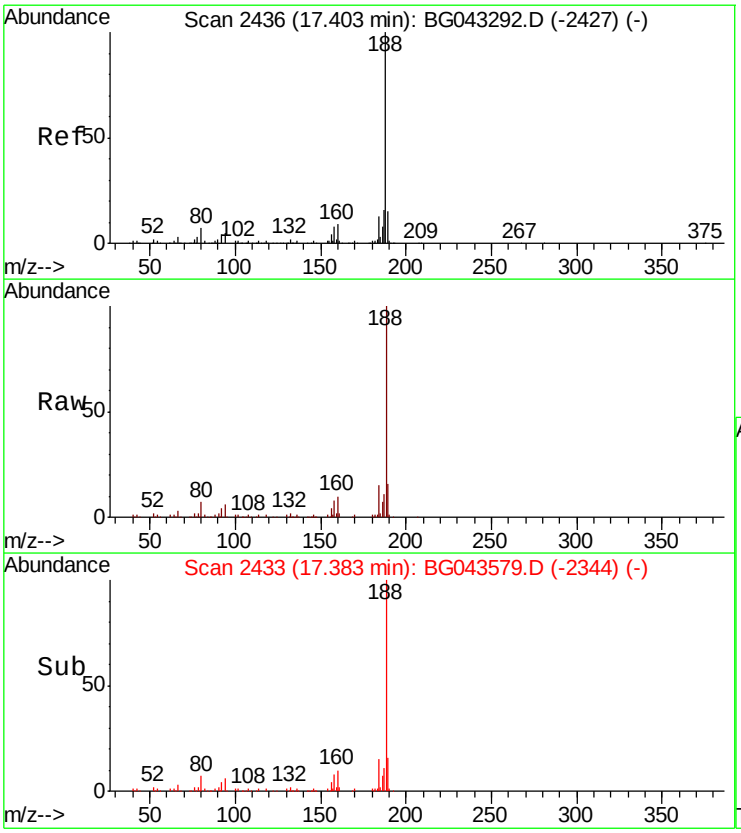
#57
2,4-Dinitrotoluene
Concen: 5.597 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.37 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)

Tgt Ion:165 Resp: 11127

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.2	49.8#
89	2.7	52.2	78.4#
182	0.0	2.0	3.0#

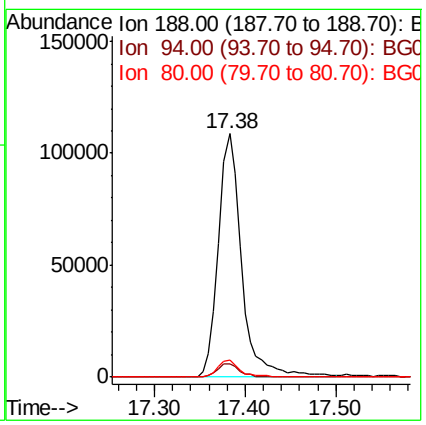


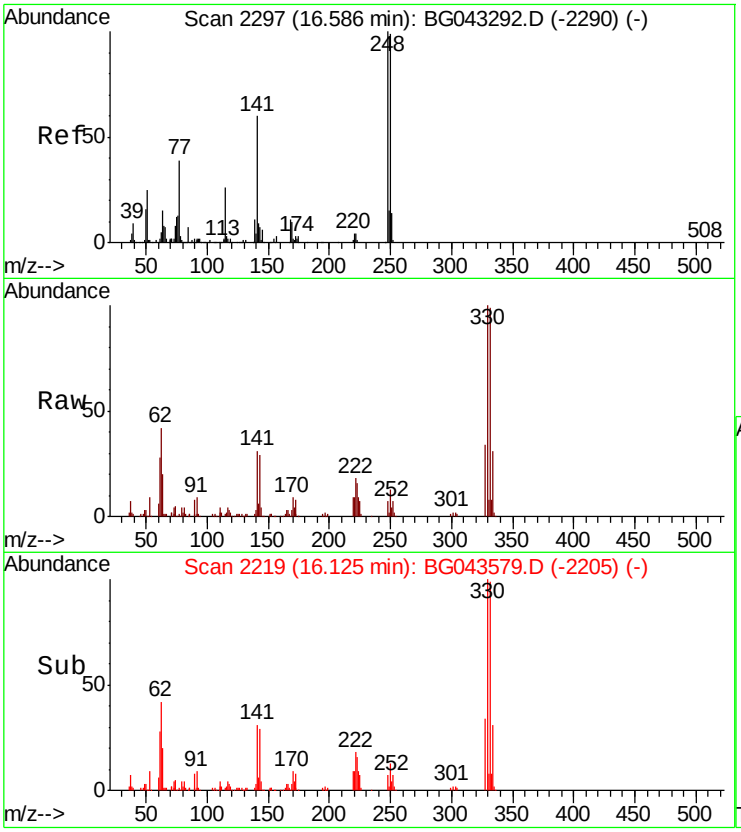


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Tgt Ion:188 Resp: 194048

Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.4
80	6.8	4.5	6.7#



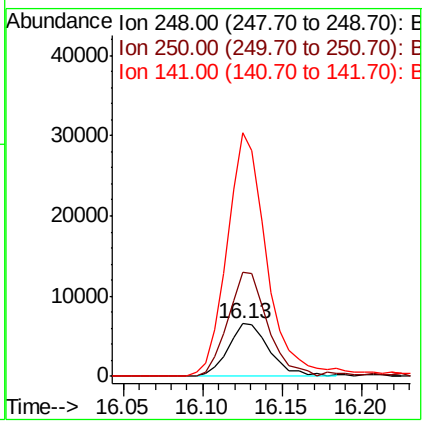


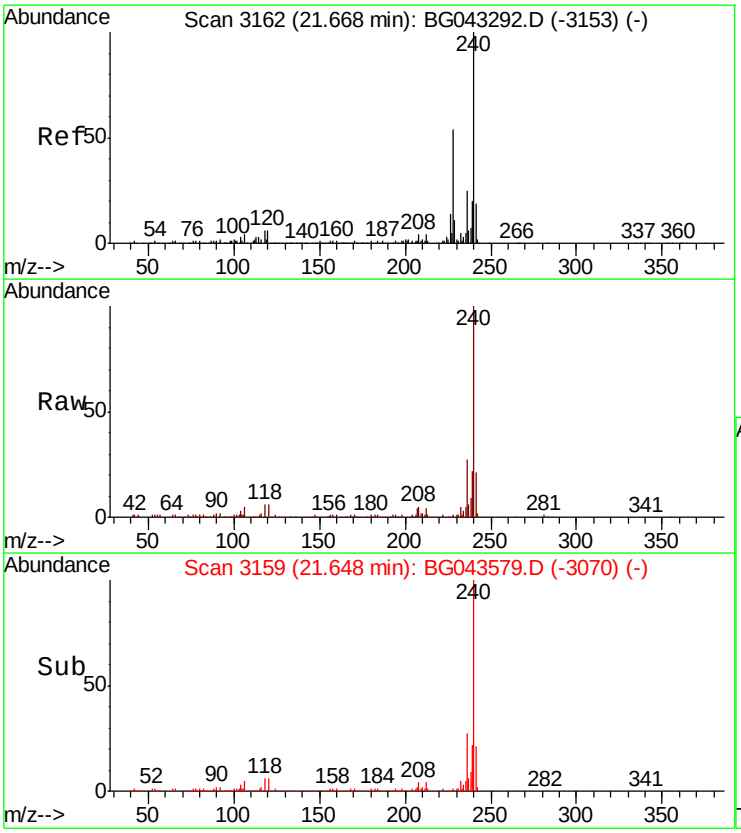
#67
4-Bromophenyl-phenylether
Concen: 4.559 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.45 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)

Tgt Ion:248 Resp: 11905

Ion	Ratio	Lower	Upper
248	100		
250	197.8	77.0	115.4#
141	465.4	47.5	71.3#

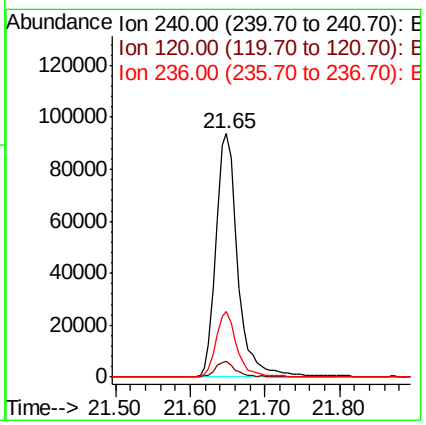


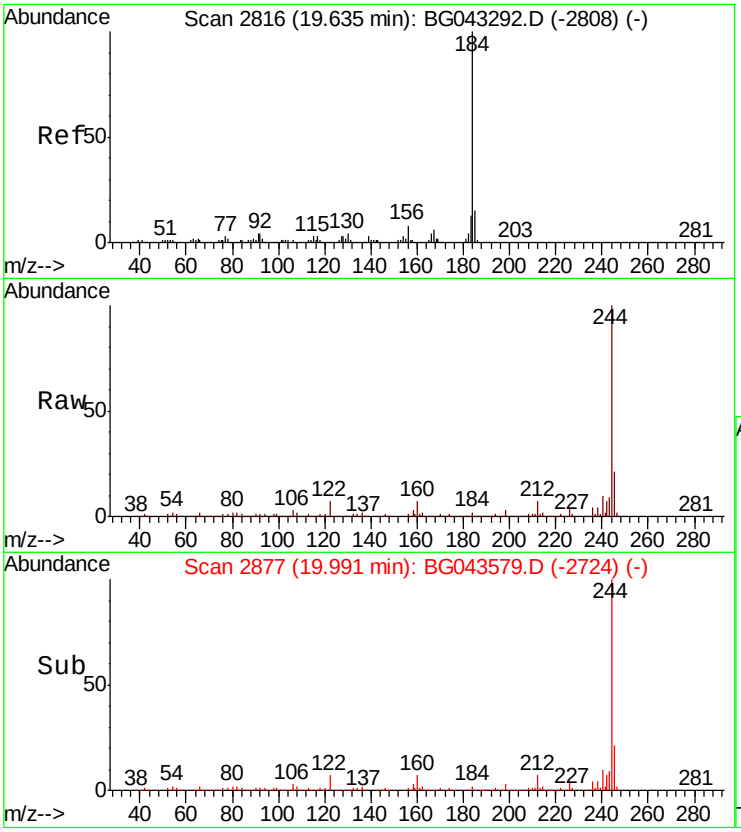


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Tgt Ion:240 Resp: 190571

Ion	Ratio	Lower	Upper
240	100		
120	6.5	4.6	6.8
236	27.0	19.8	29.8



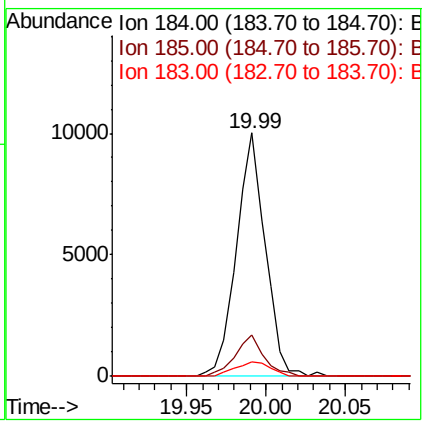


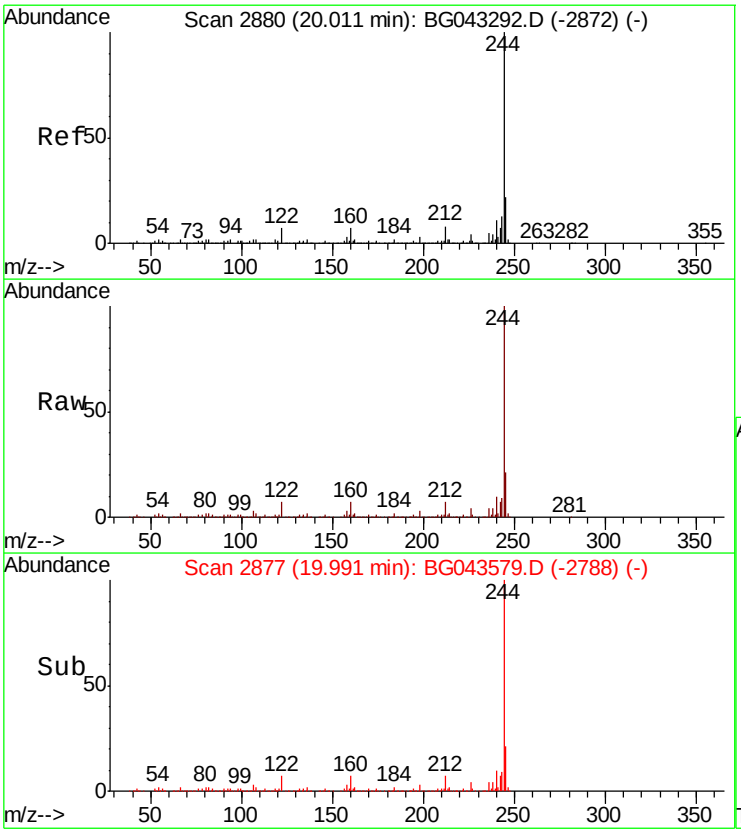
#77
Benzidine
Concen: 3.292 ng
RT: 19.99 min Scan# 2877
Delta R.T. 0.37 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)

Tgt Ion:184 Resp: 12624

Ion	Ratio	Lower	Upper
184	100		
185	17.1	11.0	16.4#
183	6.0	10.0	15.0#

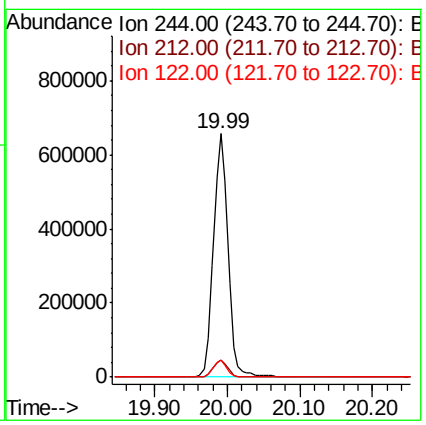


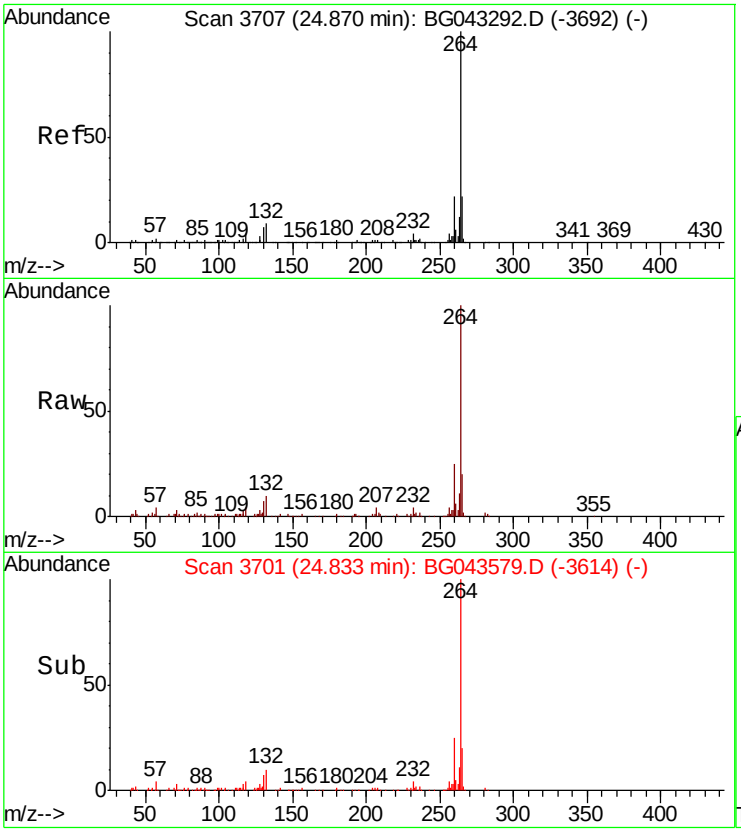


#79
Terphenyl-d14
Concen: 90.358 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Tgt Ion:244 Resp: 917858

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	6.8	5.4	8.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.02 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)

Tgt Ion:264 Resp: 217167

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.5	26.3
265	20.0	17.4	26.0