Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100519\
Data File : BG043058.D
Acq On : 5 Oct 2019 16:48
Operator : JU
Sample : K5193-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190881-COMPOSITE-M

Quant Time: Oct 06 23:54:32 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	64165	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	238016	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	164313	20.00	ng		-0.01
64) Phenanthrene-d10	17.43	188	386540	20.00	ng		-0.01
76) Chrysene-d12	21.69	240	424103	20.00	ng		-0.02
87) Perylene-d12	24.91	264	501892	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	467682	130.08	ng		-0.01
7) Phenol-d6	7.24	99	643727	124.33	ng		0.00
23) Nitrobenzene-d5	9.22	82	401548	82.00	ng		-0.01
42) 2,4,6-Tribromophenol	16.17	330	399012	141.22	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	1008109	88.94	ng		-0.02
79) Terphenyl-d14	20.03	244	1920177	96.48	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.26	94	36234	7.628	ng		96
19) n-Nitroso-di-n-propylamine	9.22	70	57382	16.878	ng	#	73
32) Benzoic acid	10.23	122	80	2.835	ng		90
50) Dimethylphthalate	14.13	163	196982	16.000	ng		98
57) 2,4-Dinitrotoluene	14.68	165	22181	5.777	ng	#	26
67) 4-Bromophenyl-phenylether	16.17	248	26309	5.423	ng	#	1
77) Benzidine	20.03	184	31125	2.931	ng	#	92

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

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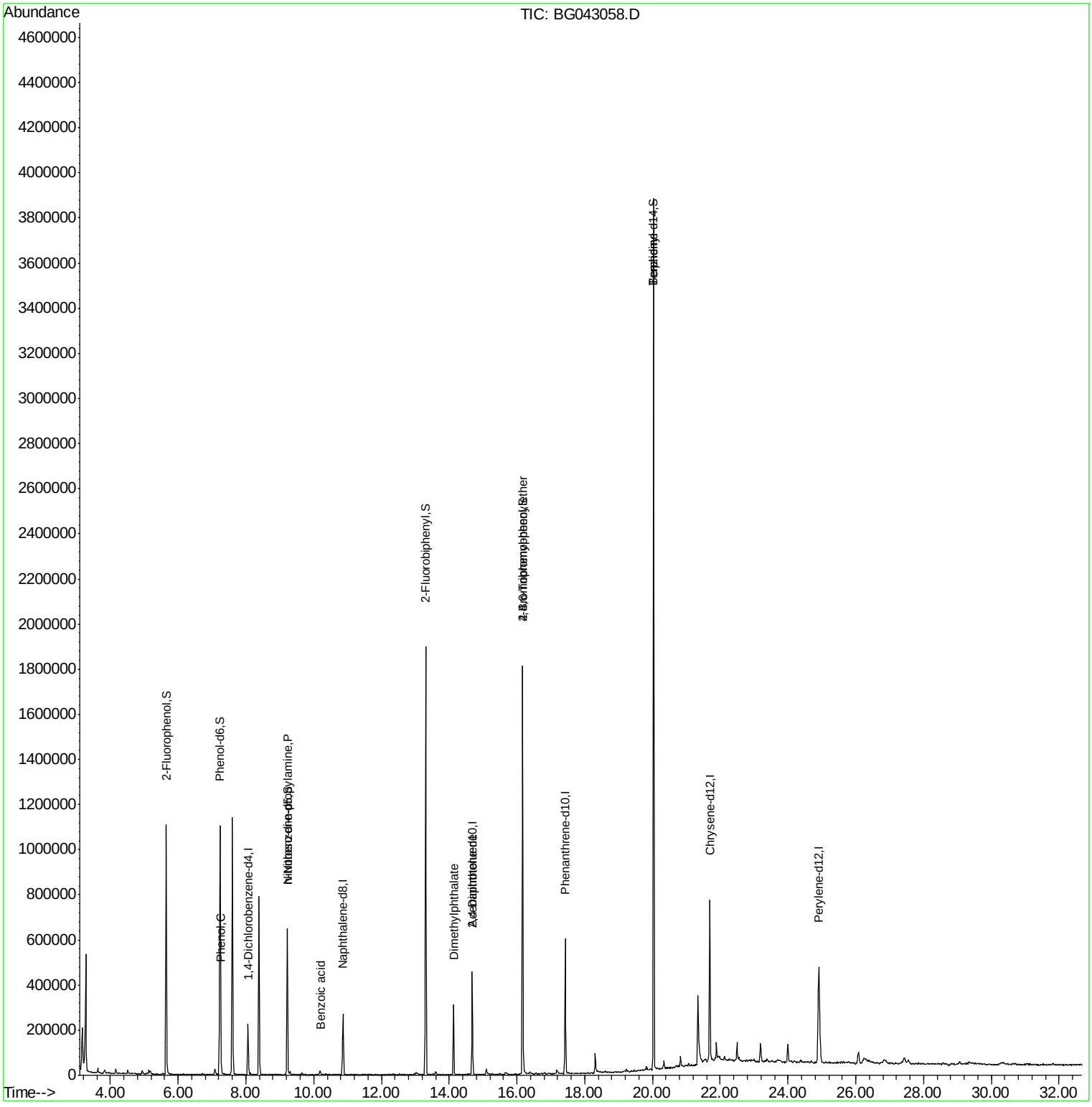
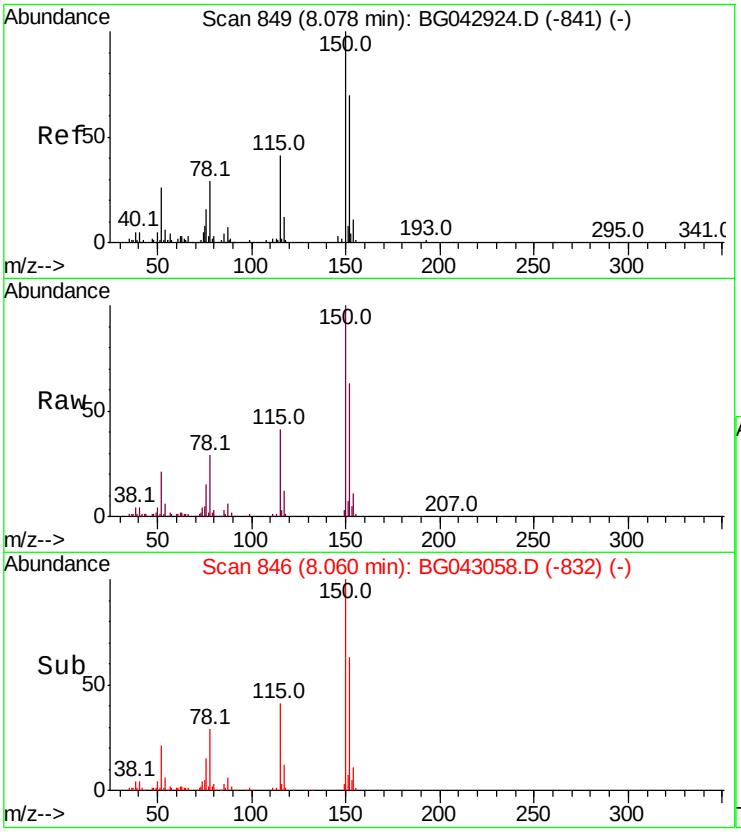


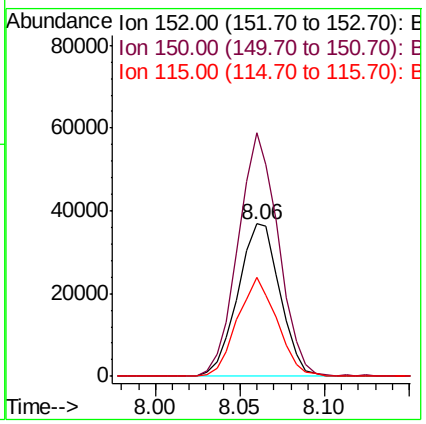


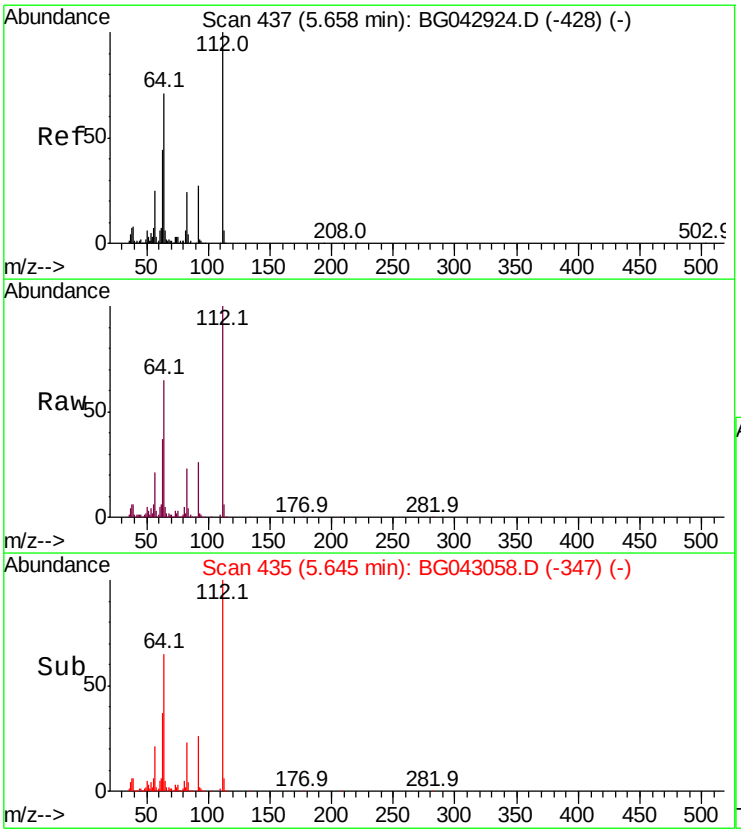
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Instrument :
BNA_G
ClientSampleId :
20190881-COMPOSITE-M

Tgt Ion:152 Resp: 64165

Ion	Ratio	Lower	Upper
152	100		
150	159.7	115.0	172.4
115	65.2	47.0	70.6

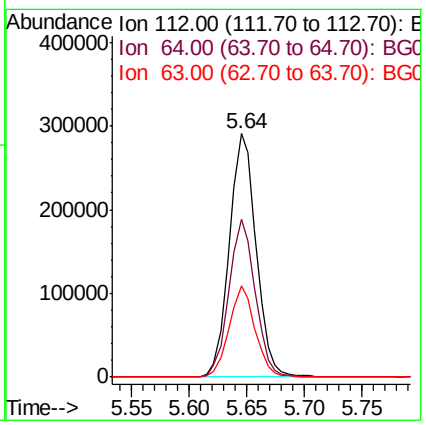


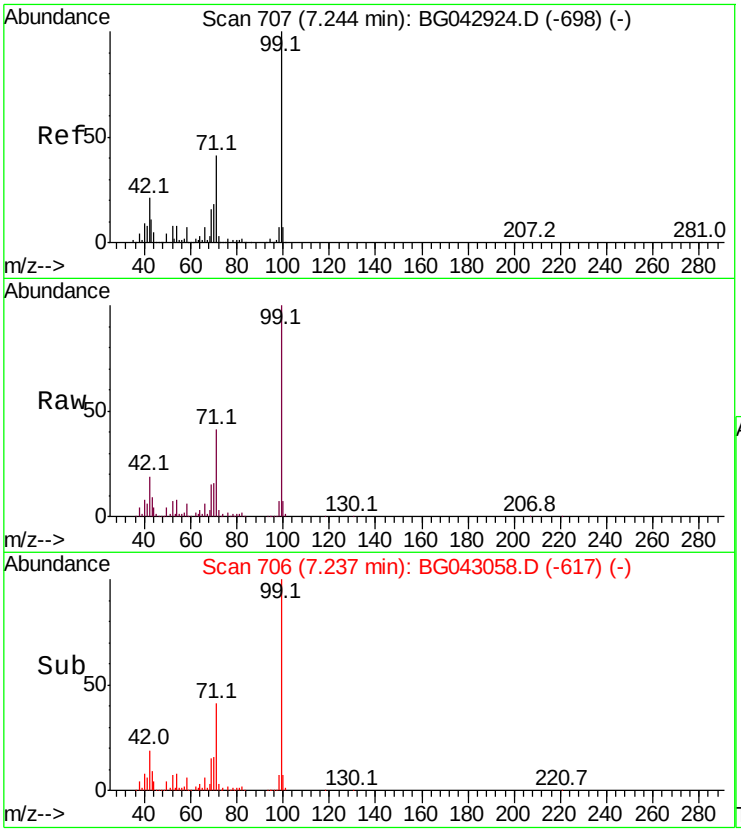


#5
2-Fluorophenol
Concen: 130.076 ng
RT: 5.64 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Tgt Ion:112 Resp: 467682

Ion	Ratio	Lower	Upper
112	100		
64	64.7	56.6	84.8
63	37.5	35.1	52.7



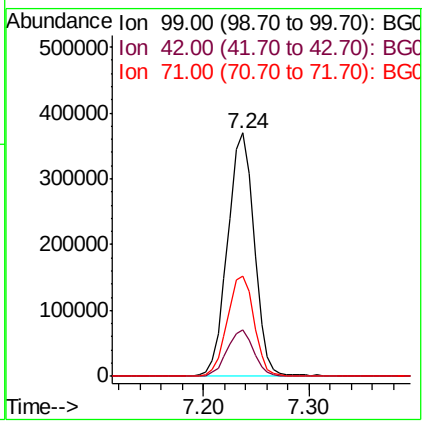


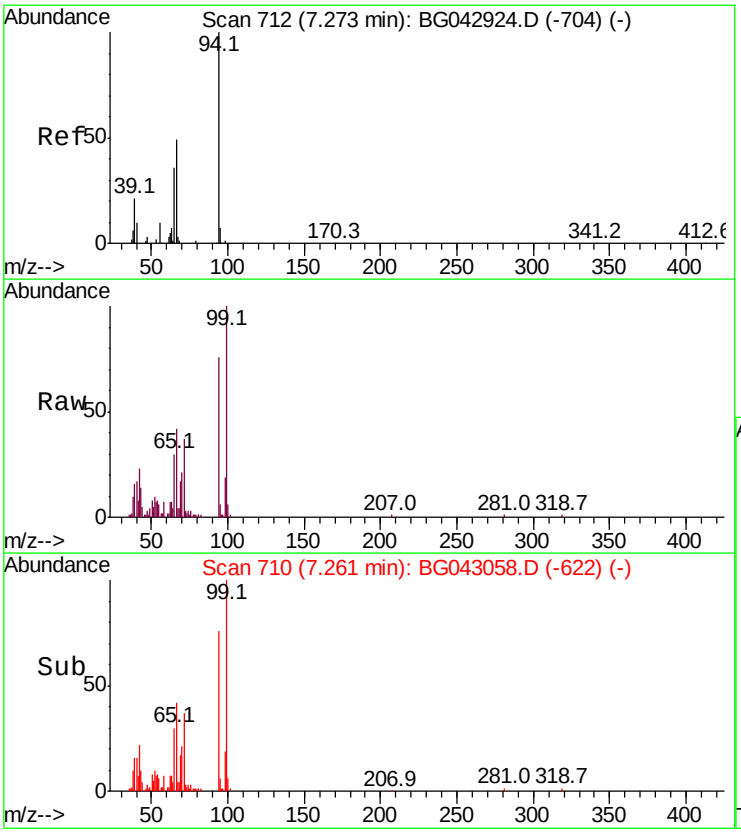
#7
Phenol-d6
Concen: 124.328 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Instrument :
BNA_G
ClientSampleId :
20190881-COMPOSITE-M

Tgt Ion: 99 Resp: 643727

Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.2	25.8
71	41.3	33.1	49.7

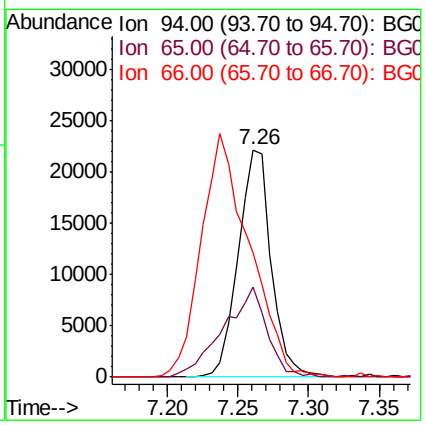


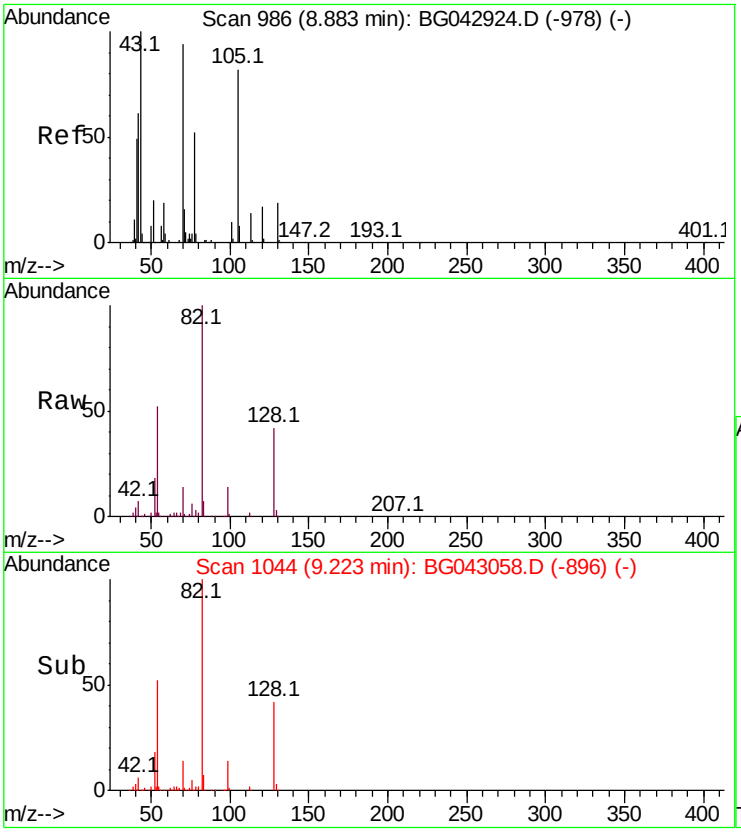


#10
Phenol
Concen: 7.628 ng
RT: 7.26 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Tgt Ion: 94 Resp: 36234

Ion	Ratio	Lower	Upper
94	100		
65	39.4	16.6	56.6
66	55.0	32.4	72.4



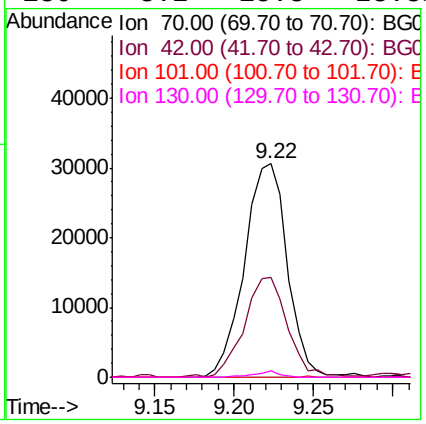


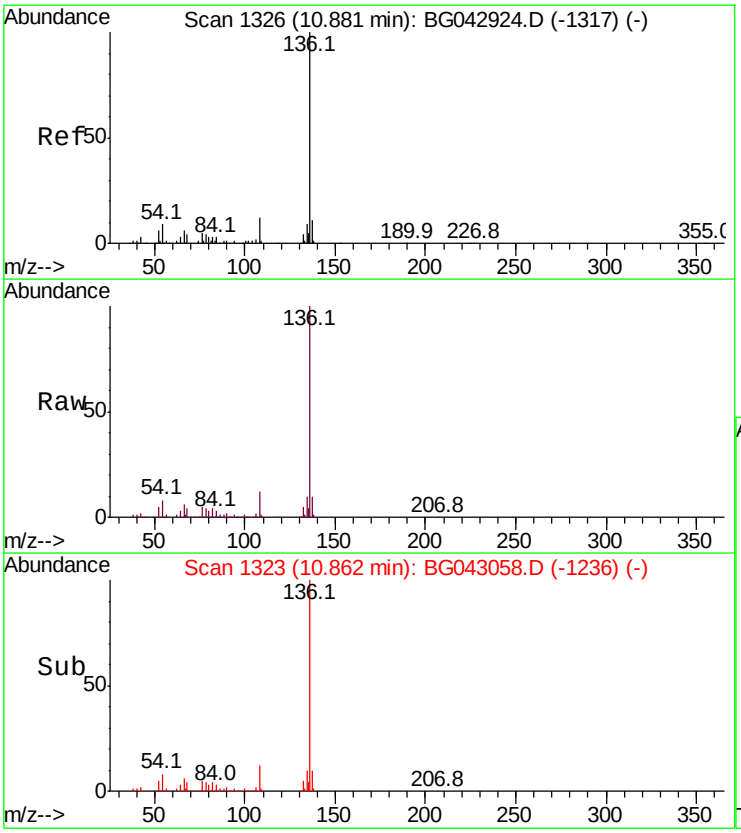
#19
n-Nitroso-di-n-propylamine
Concen: 16.878 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.34 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Instrument :
BNA_G
ClientSampleId :
20190881-COMPOSITE-M

Tgt Ion: 70 Resp: 57382

Ion	Ratio	Lower	Upper
70	100		
42	46.6	52.6	79.0#
101	0.0	8.7	13.1#
130	3.2	15.8	23.8#

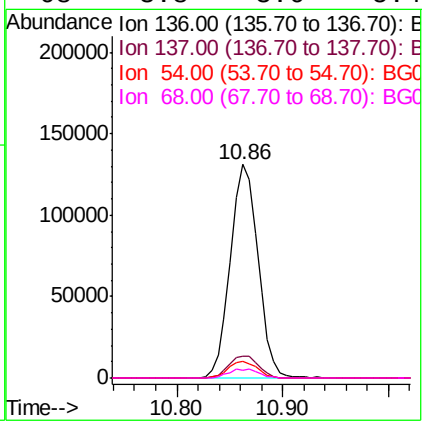


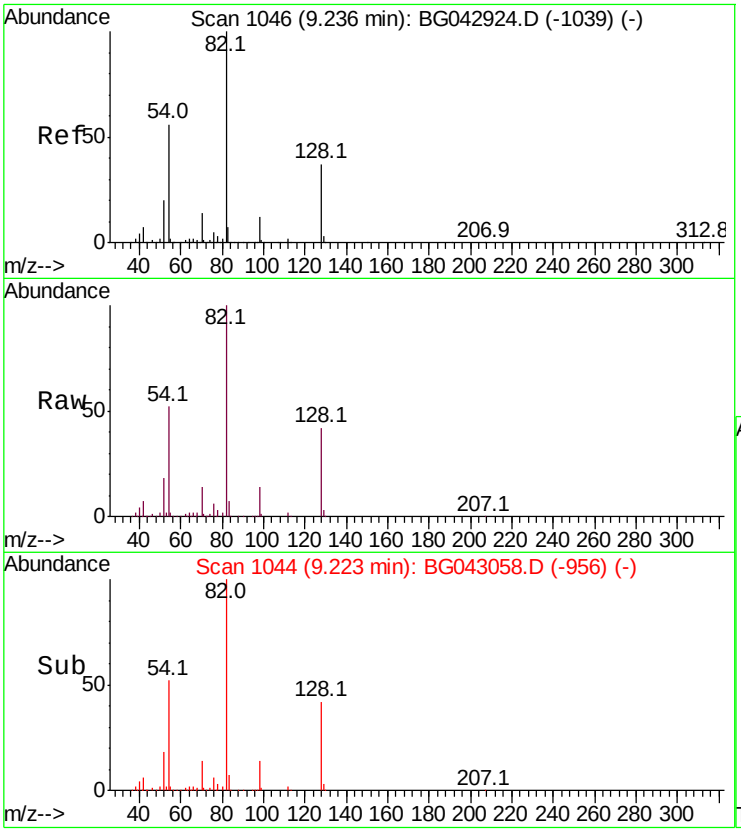


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Tgt Ion:136 Resp: 238016

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	7.9	7.4	11.2
68	3.8	3.6	5.4



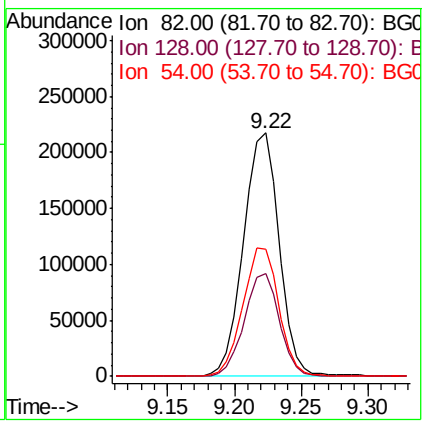


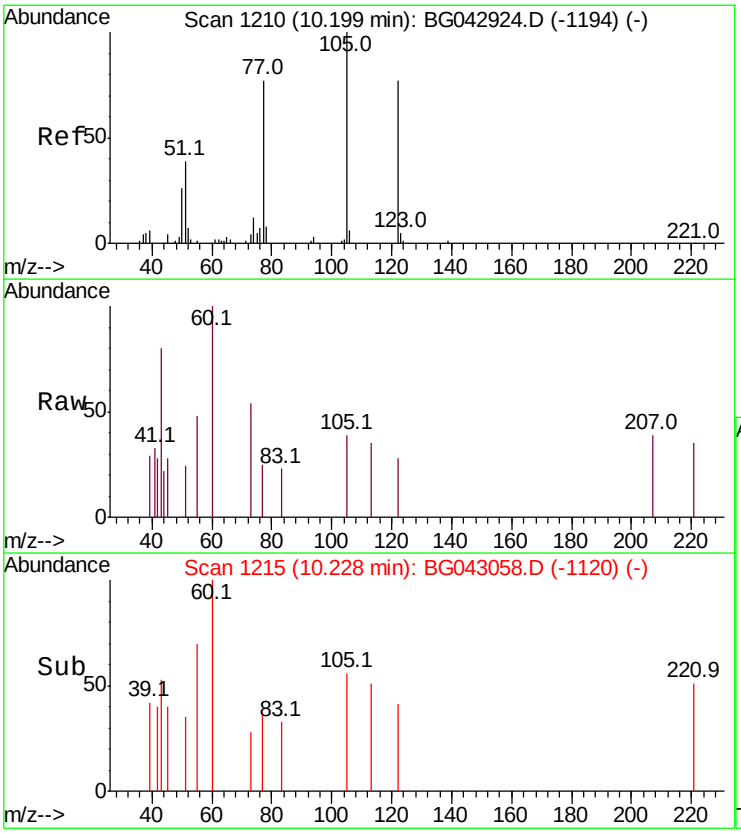
#23
Nitrobenzene-d5
Concen: 82.000 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Instrument :
BNA_G
ClientSampleId :
20190881-COMPOSITE-M

Tgt Ion: 82 Resp: 401548

Ion	Ratio	Lower	Upper
82	100		
128	42.3	29.5	44.3
54	52.4	44.6	67.0

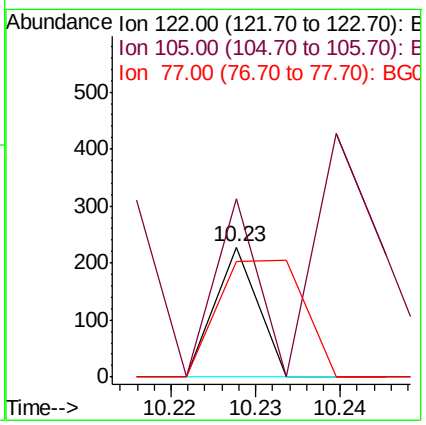


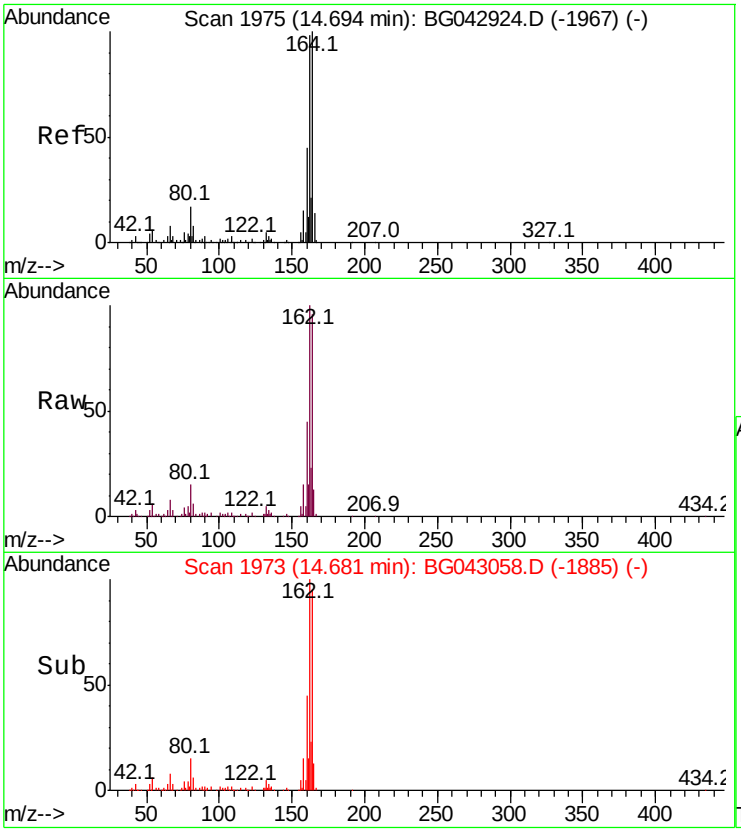


#32
Benzoic acid
Concen: 2.835 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.03 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Tgt Ion:122 Resp: 80

Ion	Ratio	Lower	Upper
122	100		
105	137.3	107.5	147.5
77	88.6	79.8	119.8



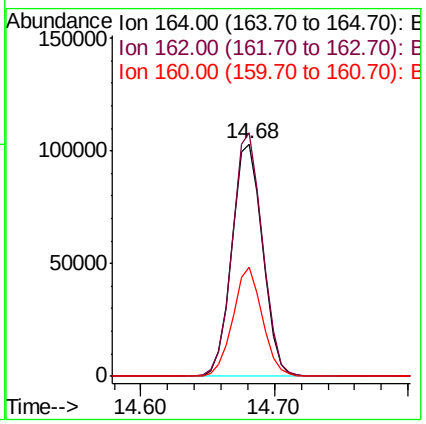


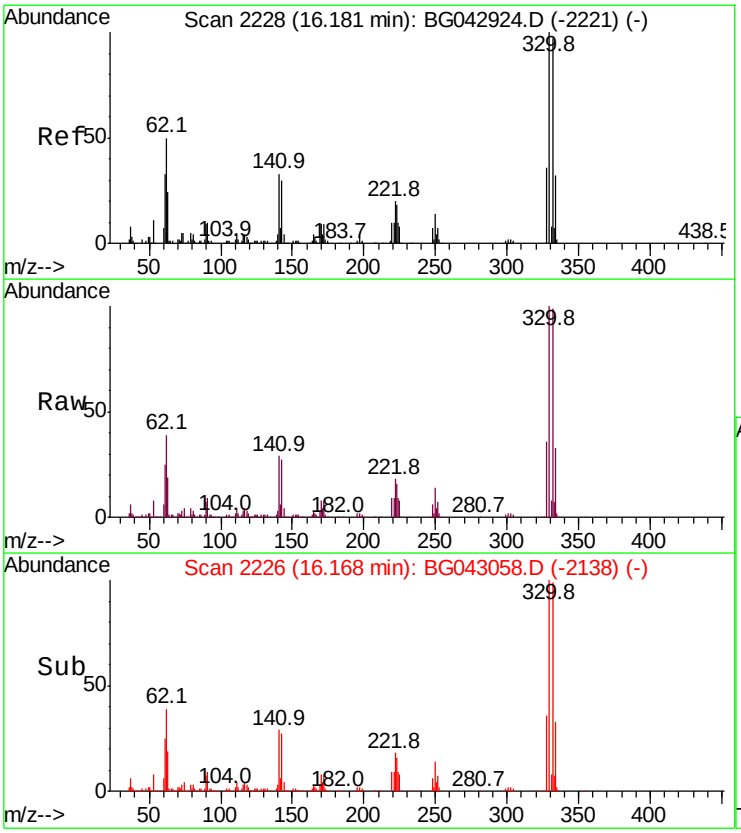
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Instrument :
BNA_G
ClientSampleId :
20190881-COMPOSITE-M

Tgt Ion:164 Resp: 164313

Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.5	117.7
160	47.0	35.9	53.9

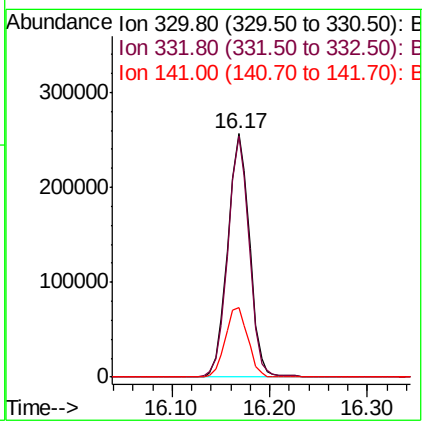


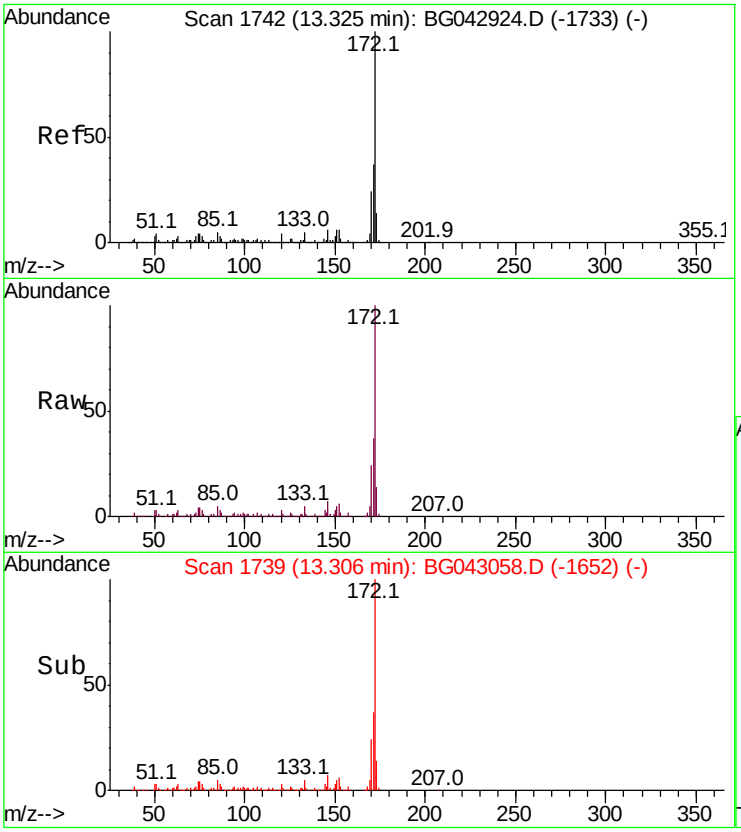


#42
2,4,6-Tribromophenol
Concen: 141.220 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Tgt Ion:330 Resp: 399012

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.2	117.2
141	29.5	26.0	39.0



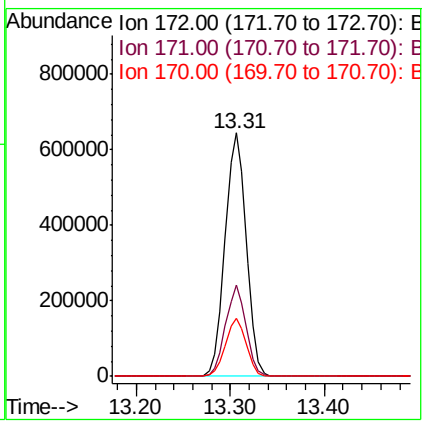


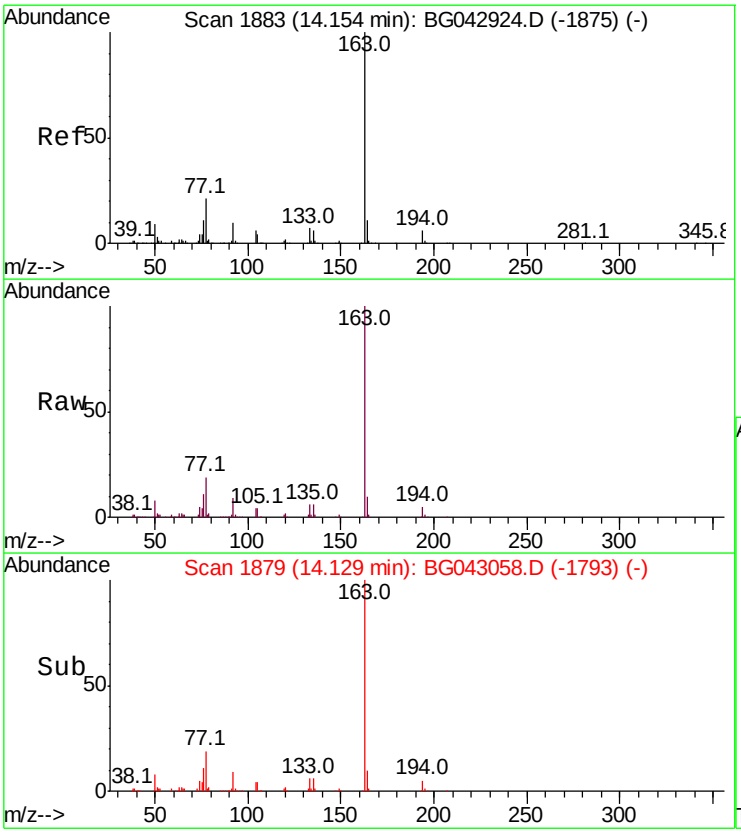
#45
2-Fluorobiphenyl
Concen: 88.943 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Instrument :
BNA_G
ClientSampleId :
20190881-COMPOSITE-M

Tgt Ion:172 Resp: 1008109

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.6	44.4
170	23.8	19.6	29.4

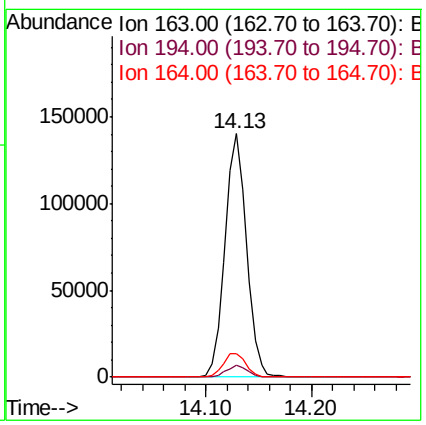


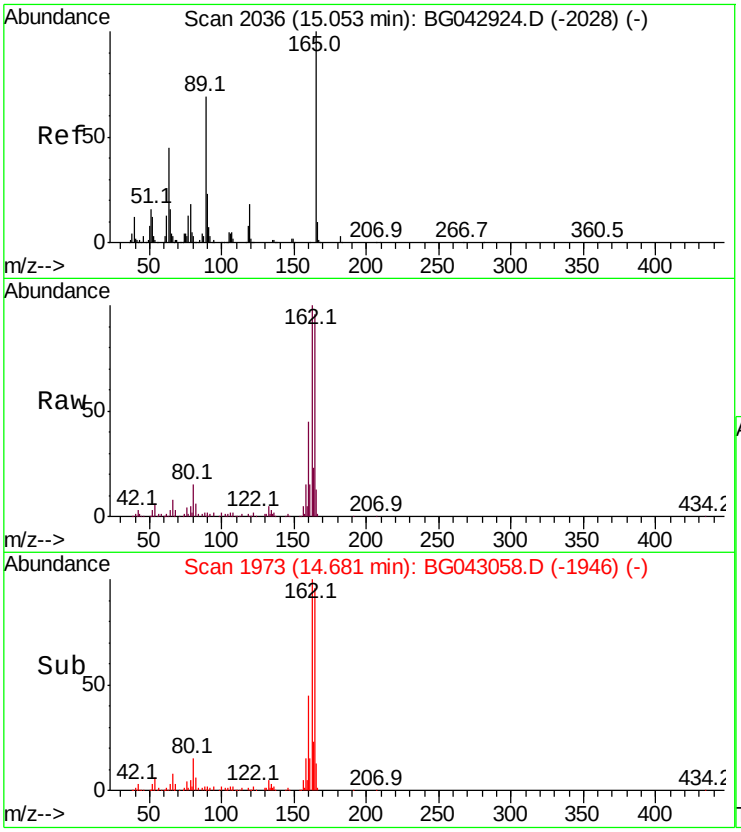


#50
Dimethylphthalate
Concen: 16.000 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Tgt Ion:163 Resp: 196982

Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.4	6.6
164	9.9	8.6	12.8



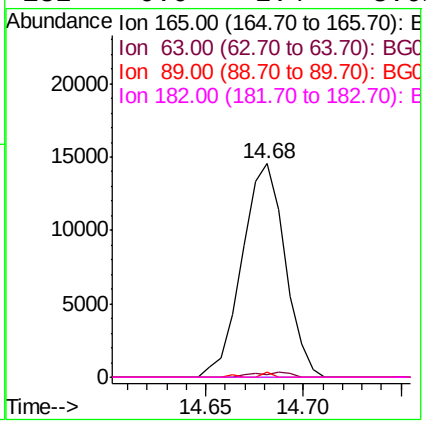


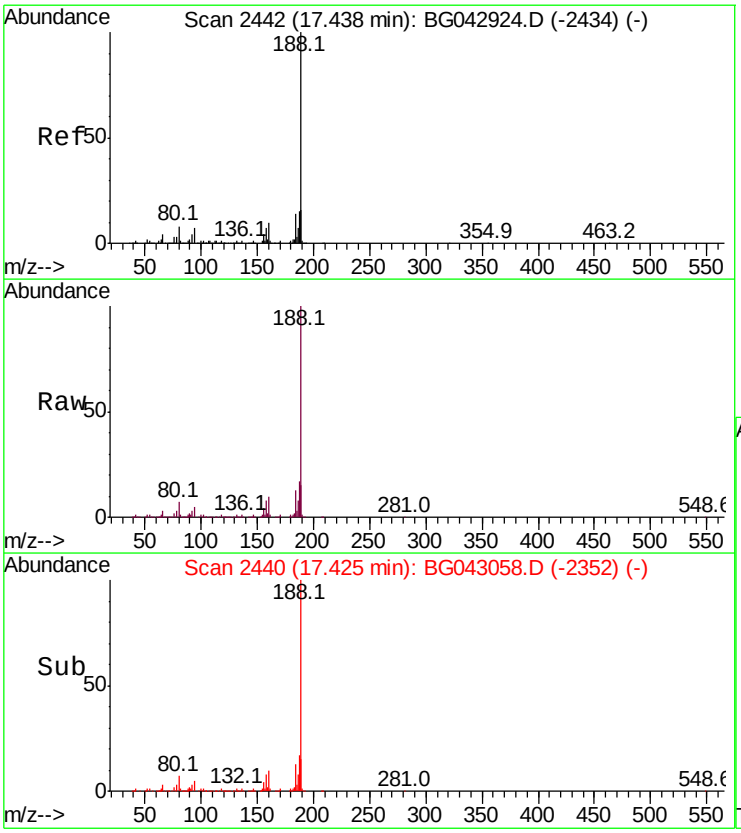
#57
2,4-Dinitrotoluene
Concen: 5.777 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.37 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Instrument :
BNA_G
ClientSampleId :
20190881-COMPOSITE-M

Tgt Ion:165 Resp: 22181

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.5	54.7#
89	2.5	55.5	83.3#
182	0.0	2.4	3.6#

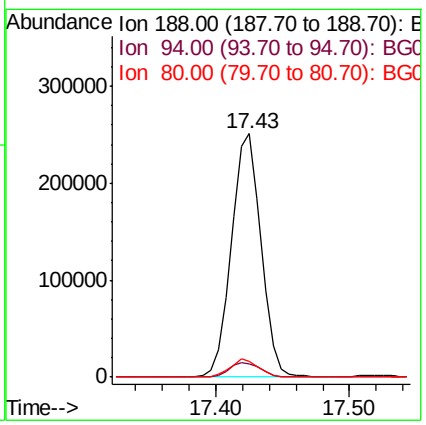


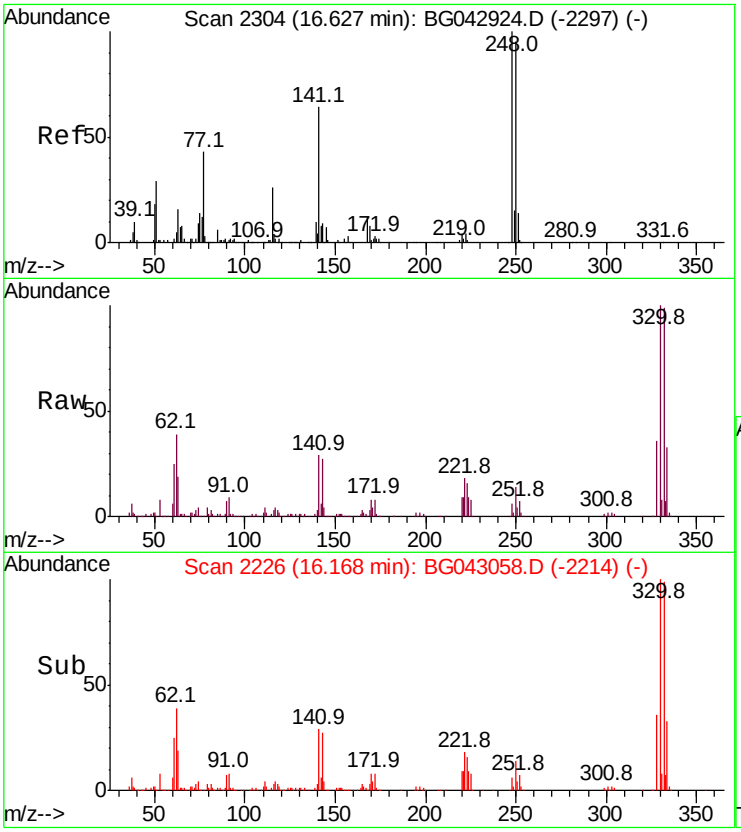


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Tgt Ion:188 Resp: 386540

Ion	Ratio	Lower	Upper
188	100		
94	5.2	5.7	8.5#
80	6.7	6.5	9.7



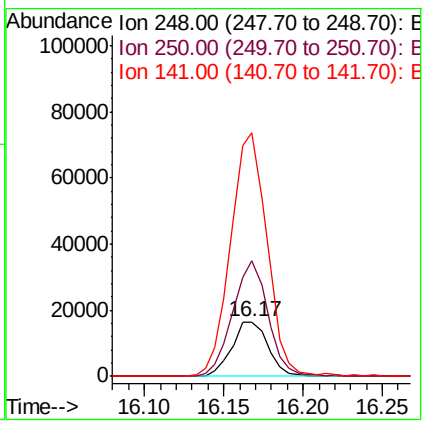


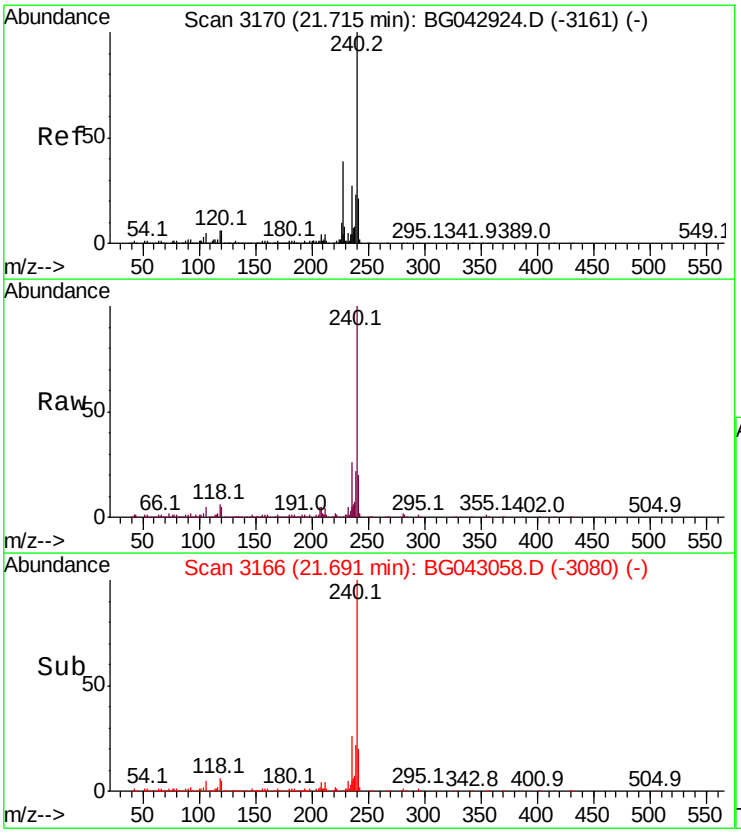
#67
4-Bromophenyl-phenylether
Concen: 5.423 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Instrument :
BNA_G
ClientSampleId :
20190881-COMPOSITE-M

Tgt Ion:248 Resp: 26309

Ion	Ratio	Lower	Upper
248	100		
250	212.1	75.8	113.8#
141	446.0	51.1	76.7#

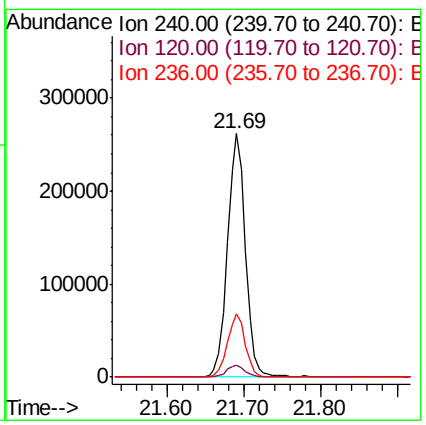


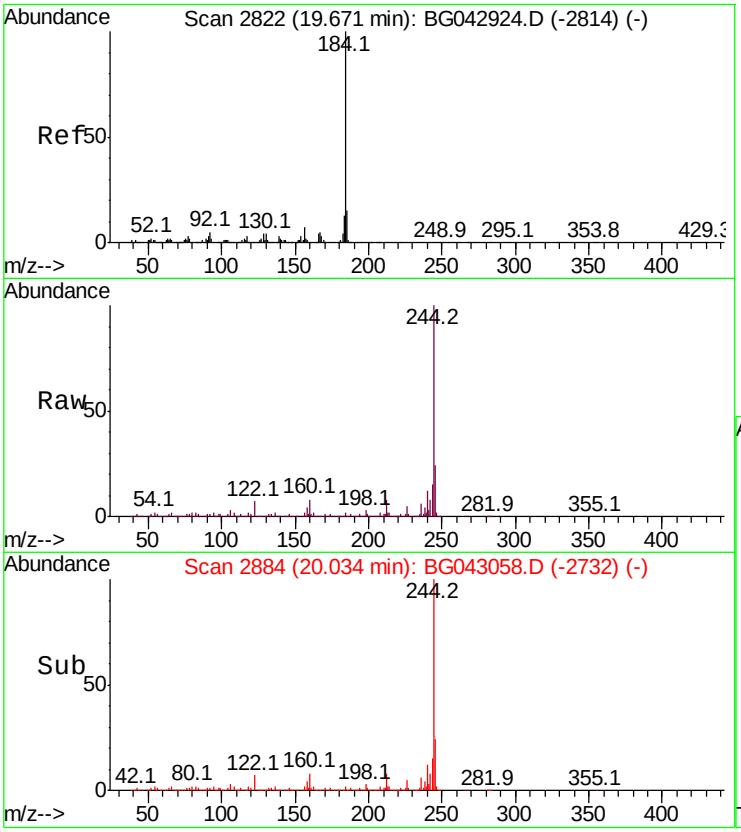


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Tgt Ion:240 Resp: 424103

Ion	Ratio	Lower	Upper
240	100		
120	4.8	4.8	7.2
236	26.2	21.4	32.0



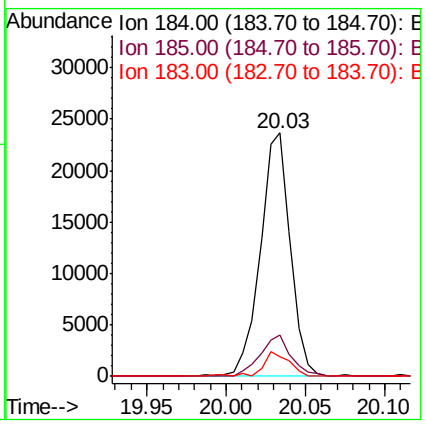


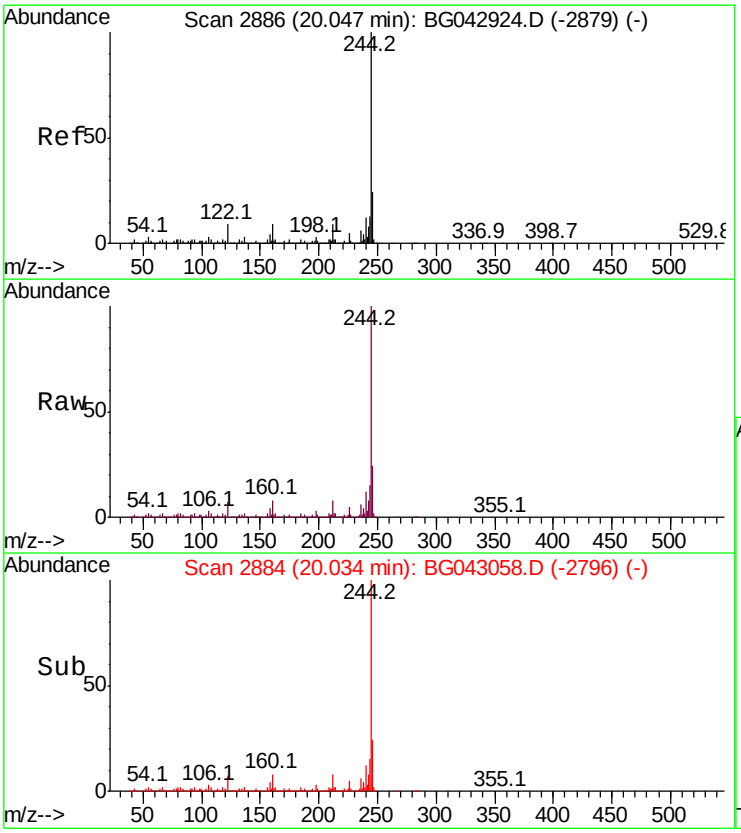
#77
Benzidine
Concen: 2.931 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.36 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Instrument :
BNA_G
ClientSampleId :
20190881-COMPOSITE-M

Tgt Ion:184 Resp: 31125

Ion	Ratio	Lower	Upper
184	100		
185	17.2	11.8	17.8
183	8.1	10.1	15.1#

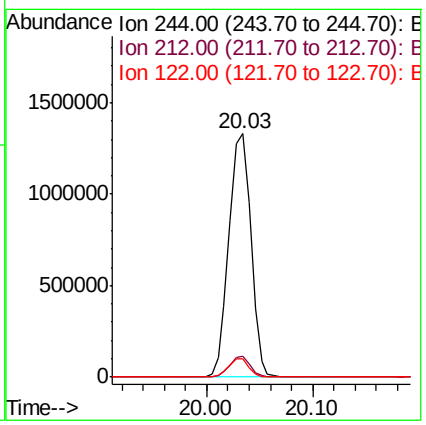


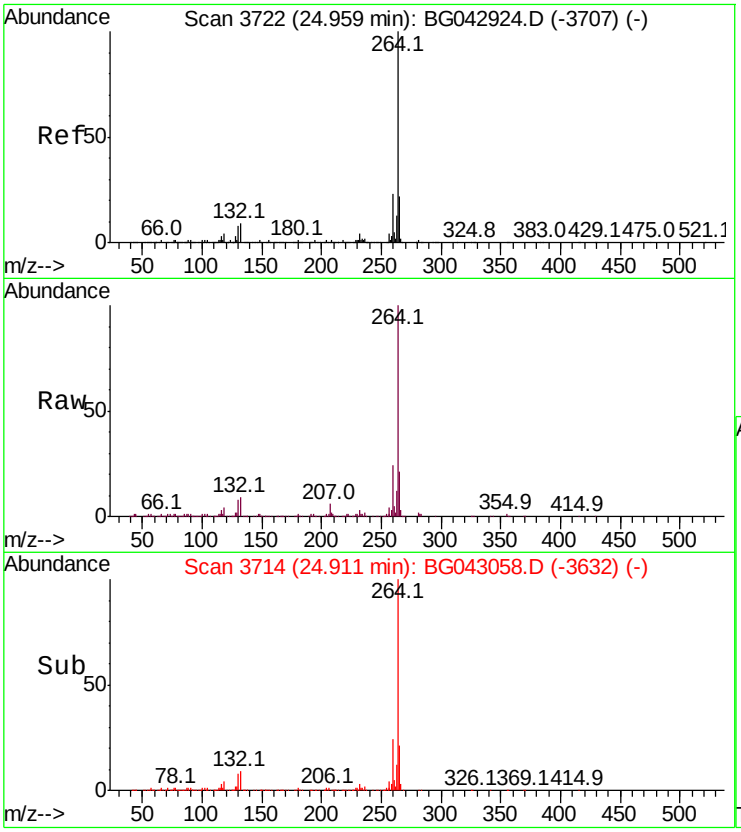


#79
Terphenyl-d14
Concen: 96.478 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Tgt Ion:244 Resp: 1920177

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.4	11.0
122	7.4	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. -0.05 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Instrument :
BNA_G
ClientSampleId :
20190881-COMPOSITE-M

Tgt Ion:264 Resp: 501892

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.3	17.7	26.5