Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
Data File : BG042903.D
Acq On : 18 Sep 2019 20:44
Operator : HP/JU
Sample : K4944-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 19 02:14:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53543	20.00	ng	-0.03
21) Naphthalene-d8	10.90	136	211752	20.00	ng	-0.03
39) Acenaphthene-d10	14.71	164	160294	20.00	ng	-0.03
64) Phenanthrene-d10	17.46	188	375238	20.00	ng	-0.03
76) Chrysene-d12	21.73	240	369355	20.00	ng	-0.03
87) Perylene-d12	24.98	264	372193	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	389254	126.39	ng	0.00
7) Phenol-d6	7.27	99	533800	120.76	ng	0.00
23) Nitrobenzene-d5	9.26	82	446883	109.87	ng	-0.02
42) 2,4,6-Tribromophenol	16.20	330	252524	118.41	ng	-0.02
45) 2-Fluorobiphenyl	13.34	172	1060541	104.73	ng	-0.03
79) Terphenyl-d14	20.07	244	1828306	109.71	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	15370	10.935	ng	# 1
15) Benzyl Alcohol	8.42	79	8765	2.310	ng	# 52
18) Hexachloroethane	9.21	117	3220	2.145	ng	# 1
19) n-Nitroso-di-n-propylamine	9.26	70	63563	19.514	ng	# 75
32) Benzoic acid	10.12	122	81	5.994	ng	# 87
51) 2,6-Dinitrotoluene	14.71	165	22726	9.223	ng	# 20
57) 2,4-Dinitrotoluene	14.71	165	22726	6.920	ng	# 24
67) 4-Bromophenyl-phenylether	16.20	248	16700	3.677	ng	# 1
77) Benzidine	20.07	184	34821	3.374	ng	# 93

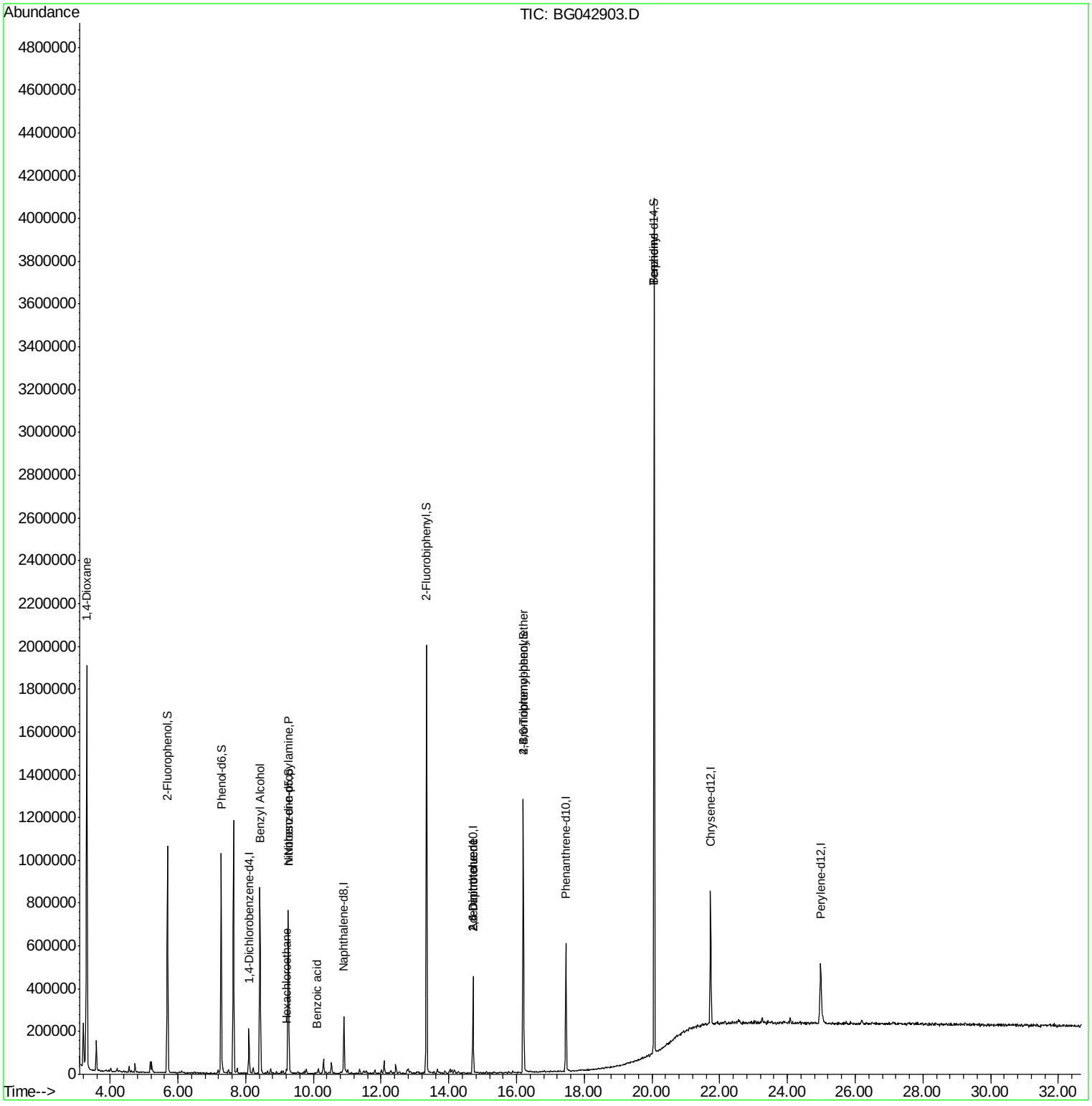
(#) = qualifier out of range (m) = manual integration (+) = signals summed

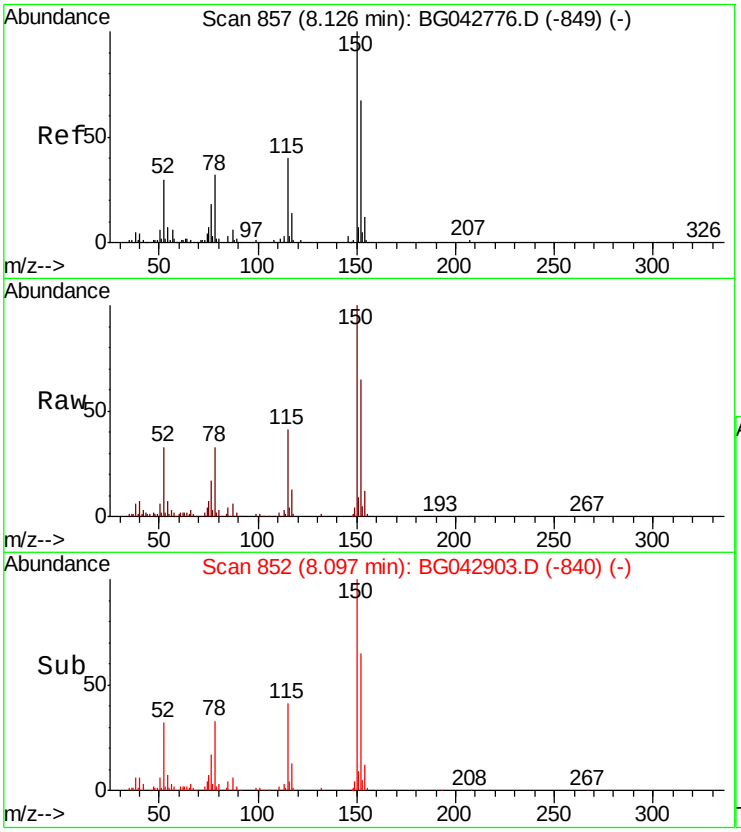
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
Data File : BG042903.D
Acq On : 18 Sep 2019 20:44
Operator : HP/JU
Sample : K4944-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 19 02:14:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration



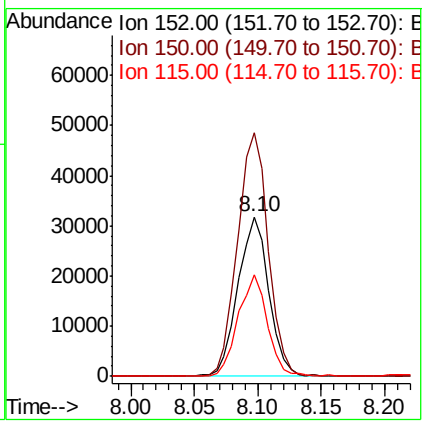


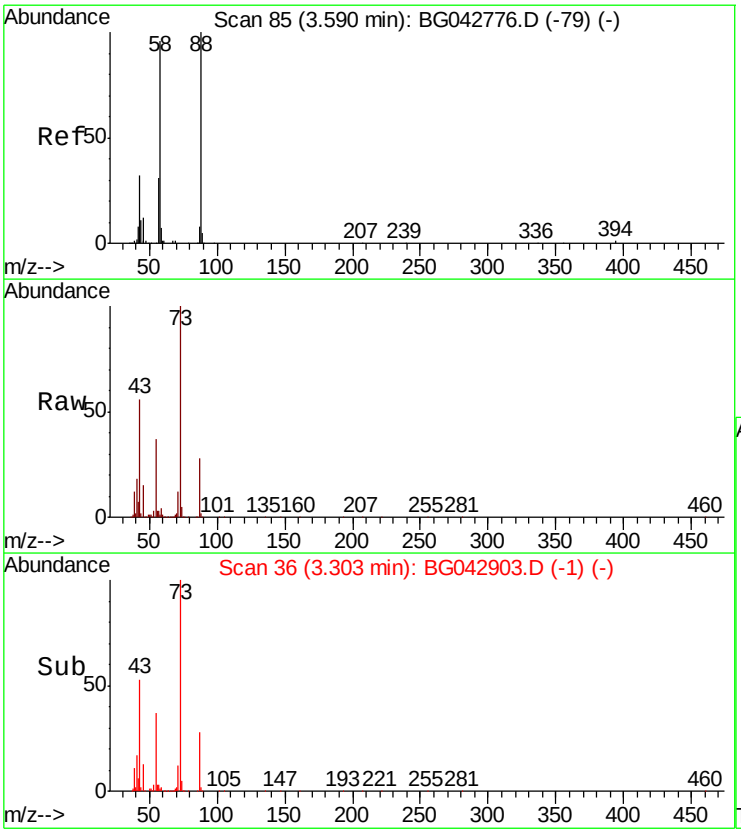
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 852
Delta R.T. -0.03 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 53543

Ion	Ratio	Lower	Upper
152	100		
150	152.9	118.9	178.3
115	63.4	47.4	71.2

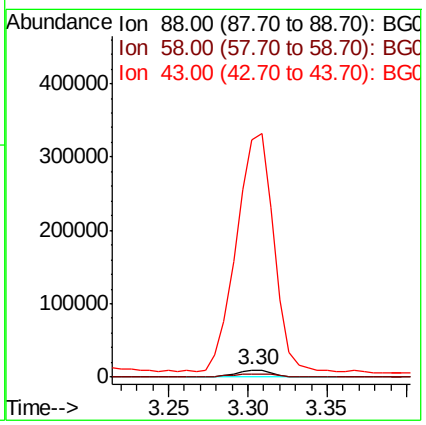


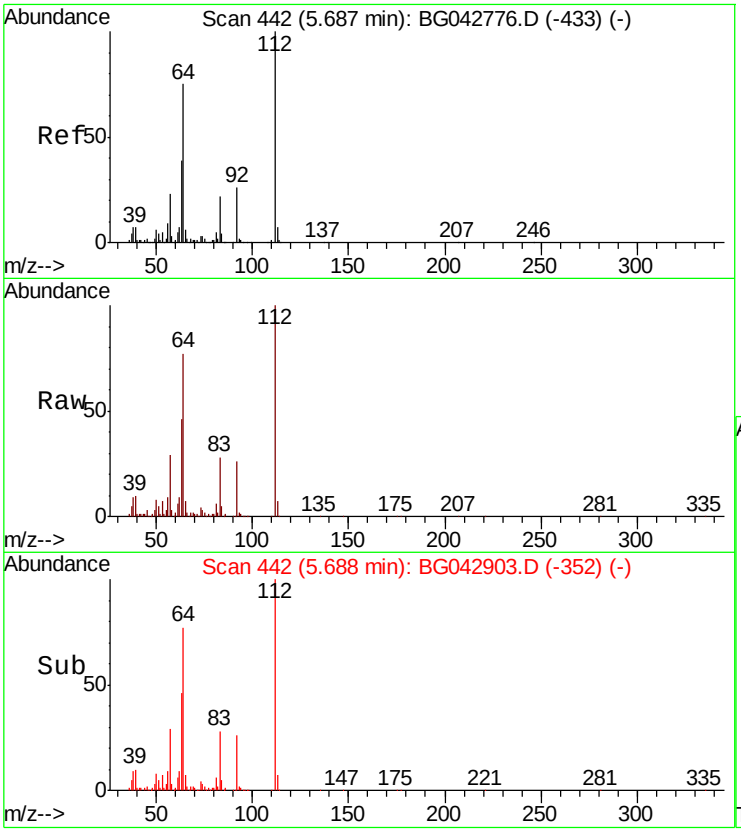


#2
1,4-Dioxane
Concen: 10.935 ng
RT: 3.30 min Scan# 36
Delta R.T. -0.29 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Tgt Ion: 88 Resp: 15370

Ion	Ratio	Lower	Upper
88	100		
58	51.7	79.1	118.7#
43	3533.8	30.4	45.6#



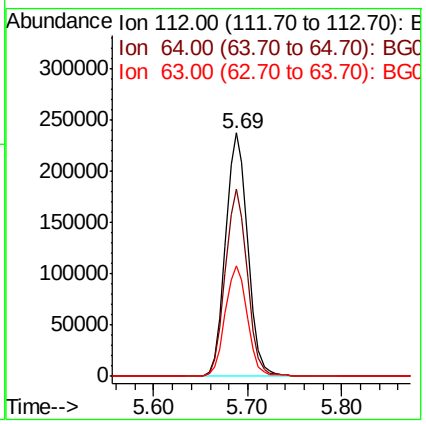


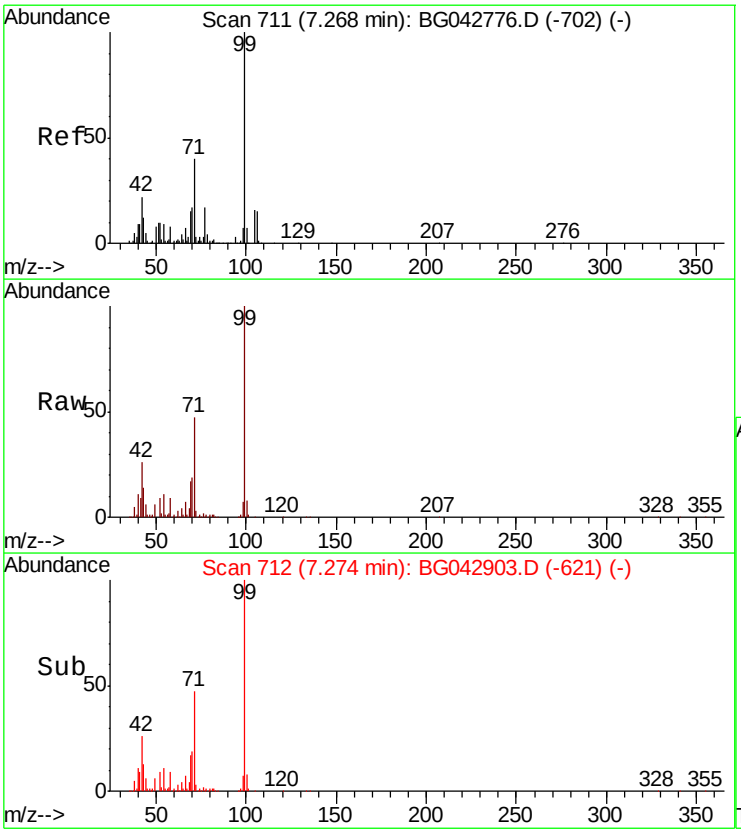
#5
2-Fluorophenol
Concen: 126.391 ng
RT: 5.69 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 389254

Ion	Ratio	Lower	Upper
112	100		
64	76.9	60.2	90.2
63	45.5	31.2	46.8

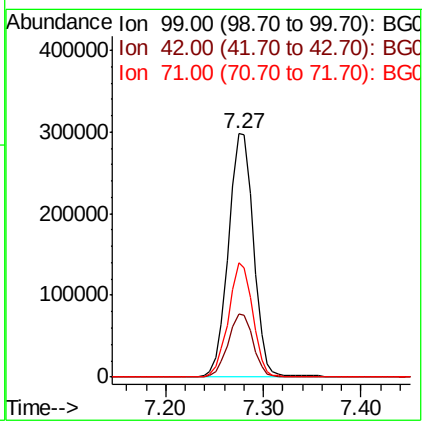


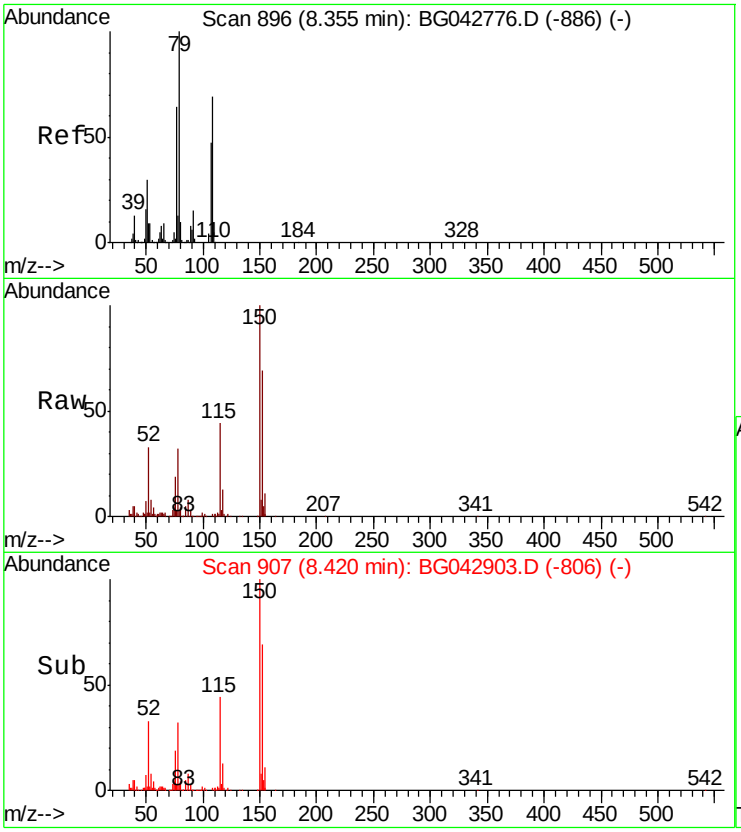


#7
Phenol-d6
Concen: 120.756 ng
RT: 7.27 min Scan# 712
Delta R.T. 0.01 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Tgt Ion: 99 Resp: 533800

Ion	Ratio	Lower	Upper
99	100		
42	25.9	17.5	26.3
71	46.9	32.0	48.0



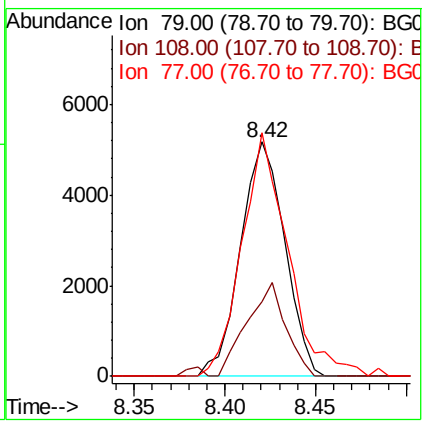


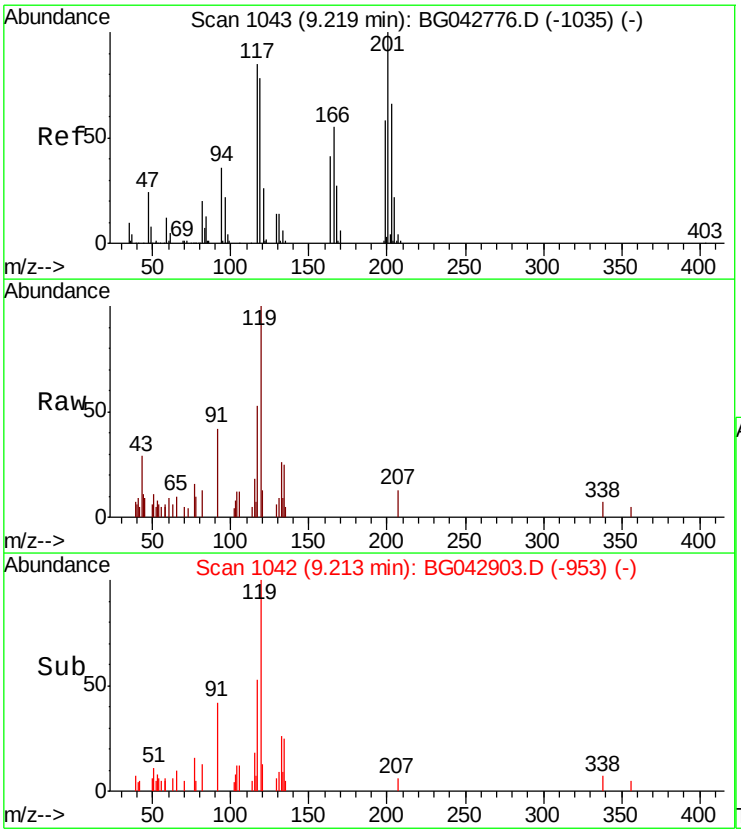
#15
Benzyl Alcohol
Concen: 2.310 ng
RT: 8.42 min Scan# 907
Delta R.T. 0.07 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 8765

Ion	Ratio	Lower	Upper
79	100		
108	31.8	54.9	82.3#
77	103.8	51.0	76.6#

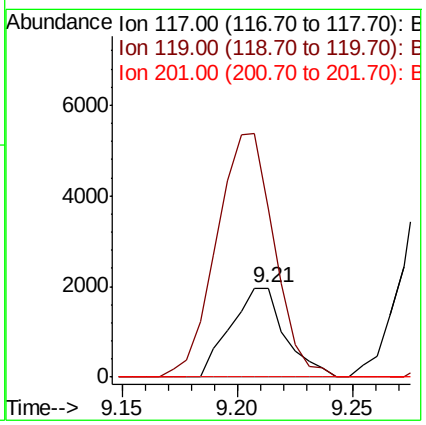


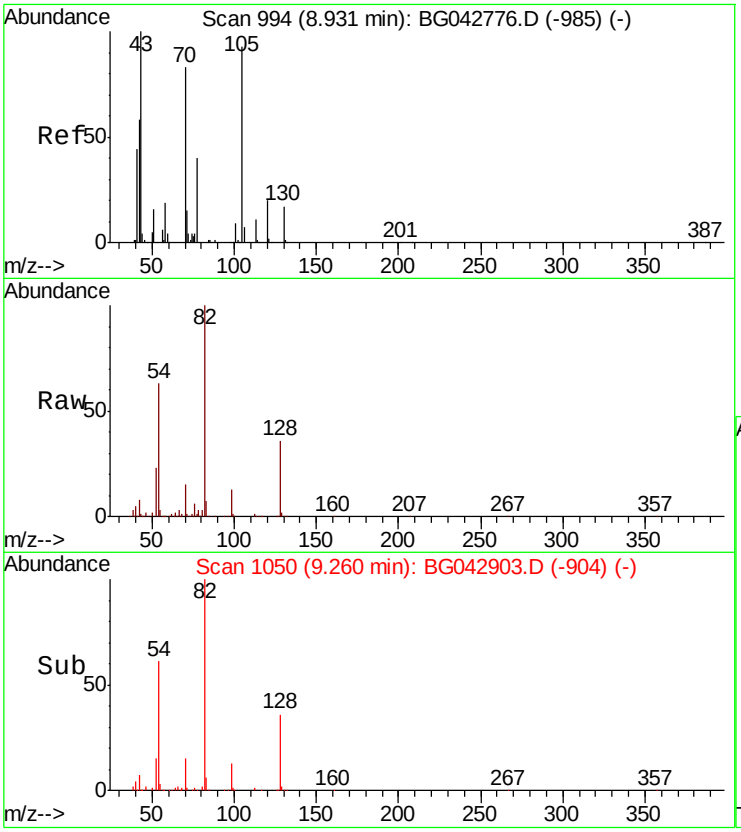


#18
Hexachloroethane
Concen: 2.145 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Tgt Ion:117 Resp: 3220

Ion	Ratio	Lower	Upper
117	100		
119	189.0	73.8	110.8#
201	0.0	94.6	142.0#



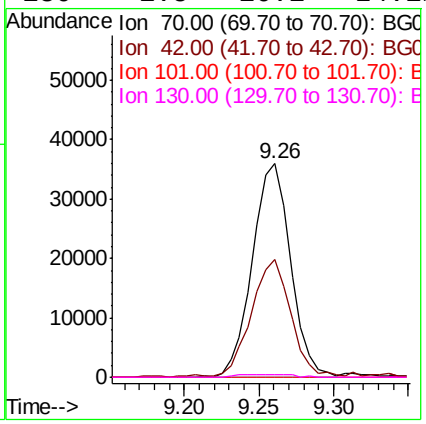


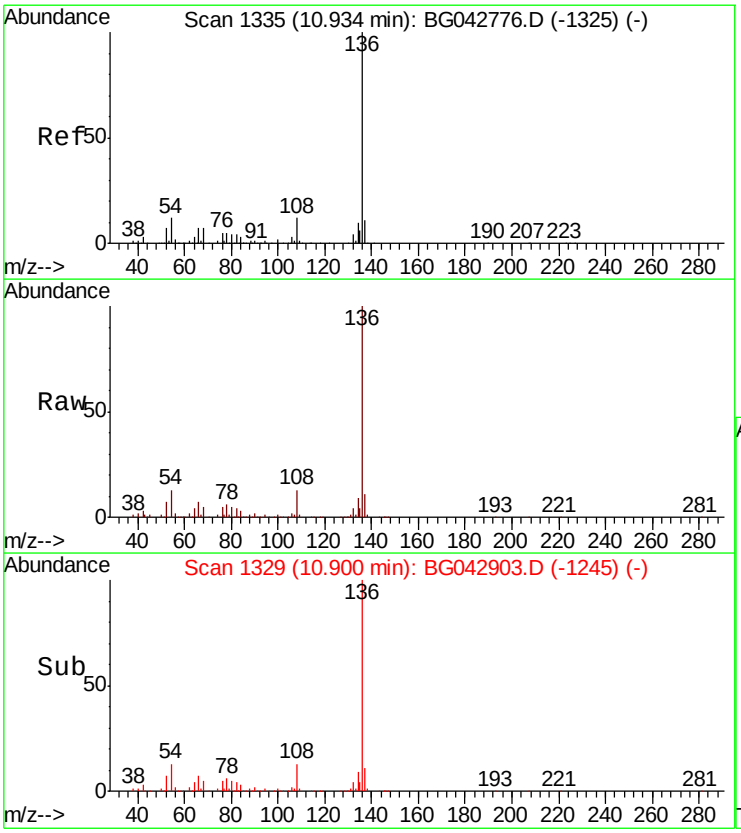
#19
n-Nitroso-di-n-propylamine
Concen: 19.514 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.33 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 63563

Ion	Ratio	Lower	Upper
70	100		
42	55.0	57.0	85.6#
101	0.0	8.4	12.6#
130	1.5	16.1	24.1#

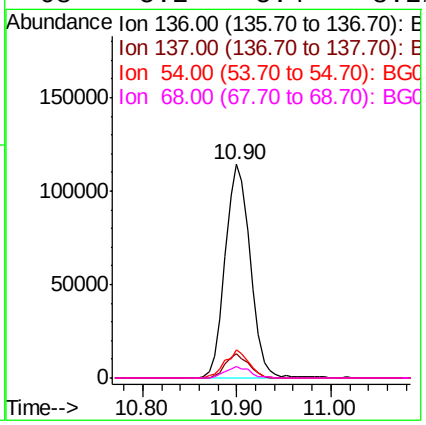


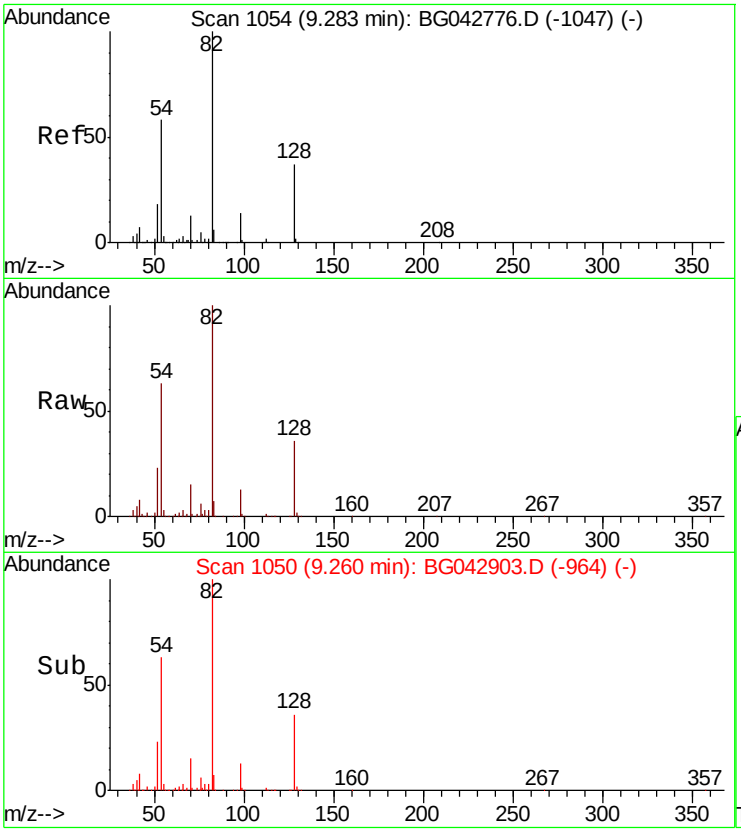


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.03 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Tgt Ion:136 Resp: 211752

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	13.1	9.4	14.0
68	5.2	5.4	8.2#



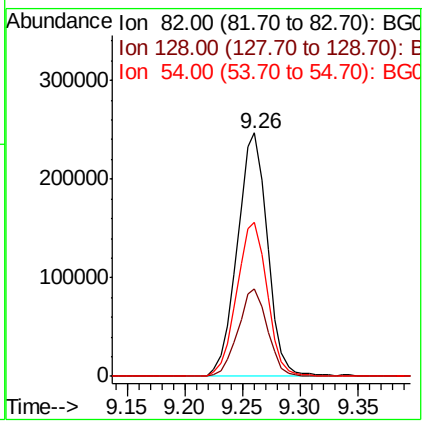


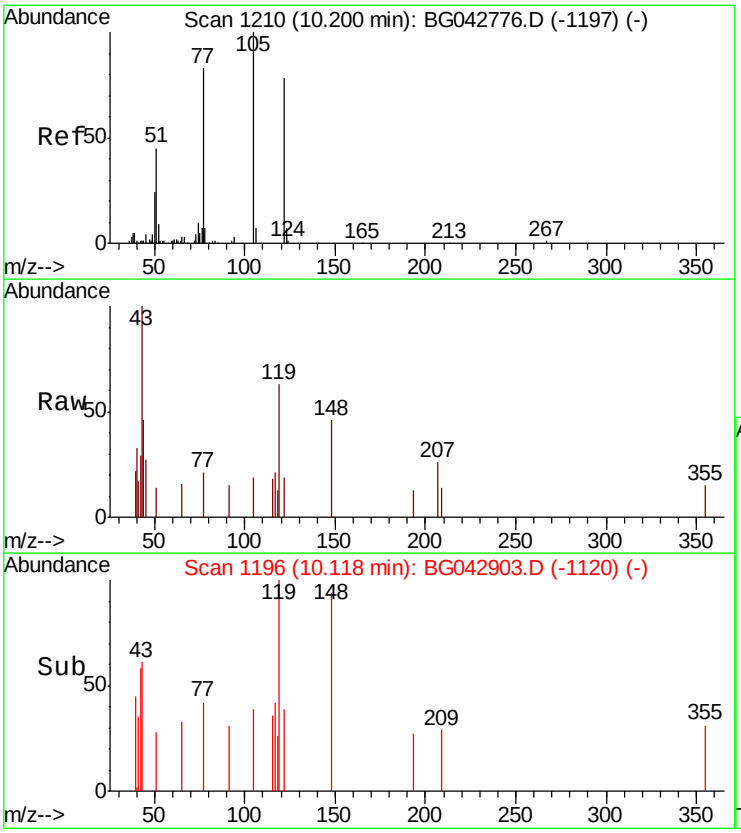
#23
Nitrobenzene-d5
Concen: 109.873 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 446883

Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.8	44.8
54	63.1	46.1	69.1

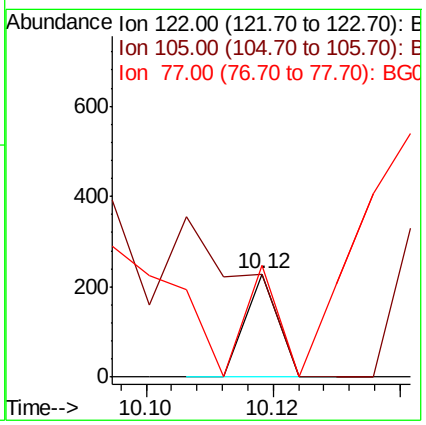


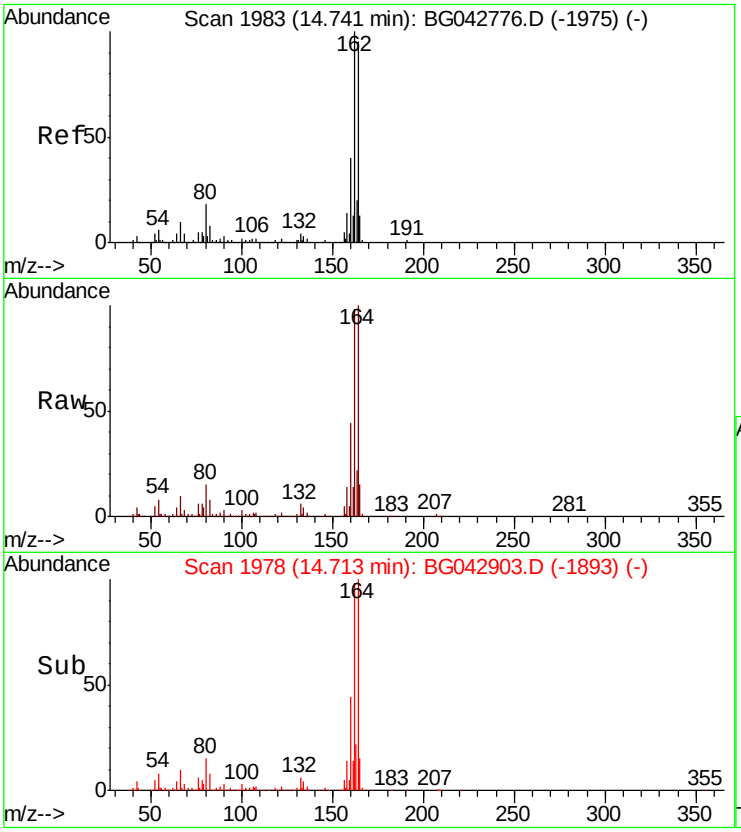


#32
Benzoic acid
Concen: 5.994 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.08 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Tgt Ion:122 Resp: 81

Ion	Ratio	Lower	Upper
122	100		
105	100.0	104.0	144.0#
77	108.3	84.2	124.2



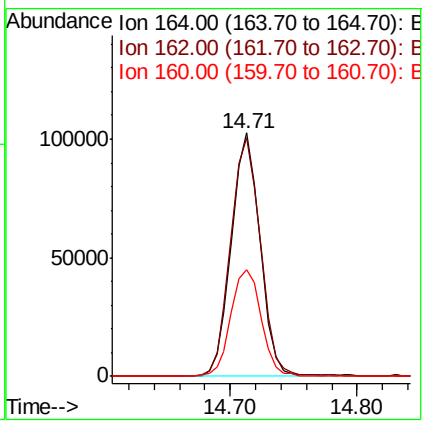


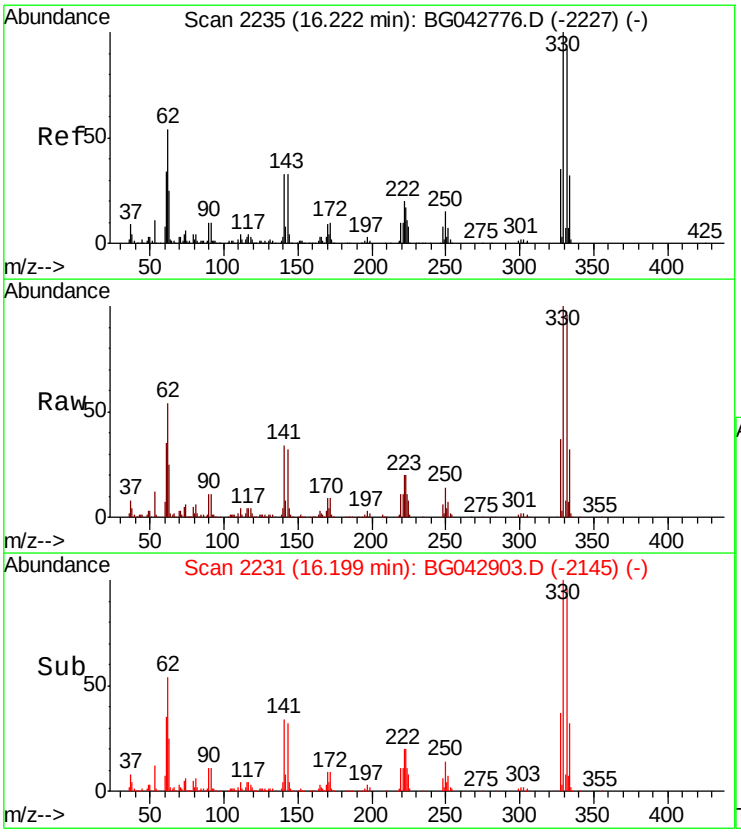
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.03 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 160294

Ion	Ratio	Lower	Upper
164	100		
162	97.9	84.6	126.8
160	43.7	34.2	51.2

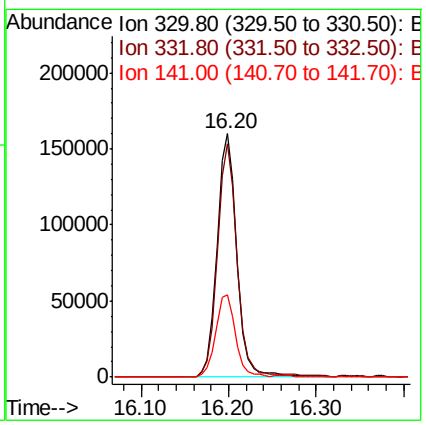


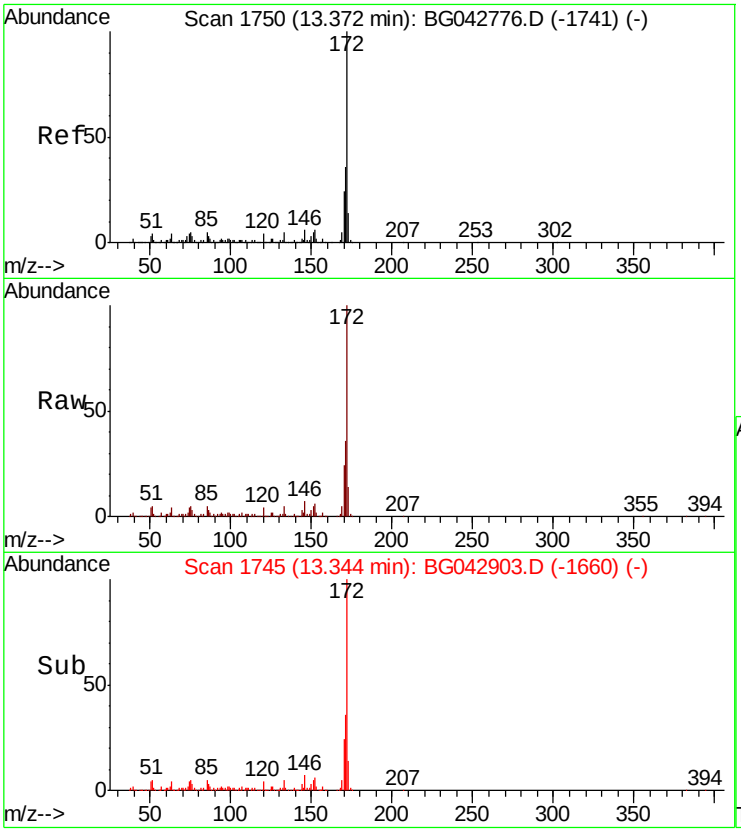


#42
2,4,6-Tribromophenol
Concen: 118.412 ng
RT: 16.20 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Tgt Ion:330 Resp: 252524

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.7	115.1
141	33.8	27.0	40.6



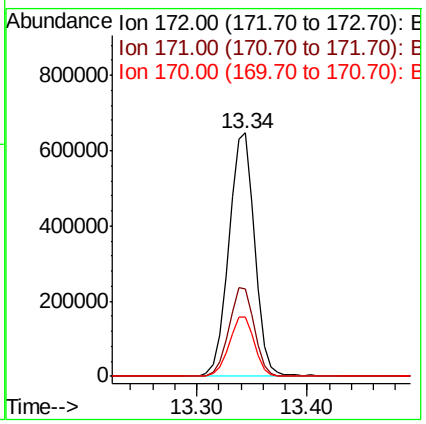


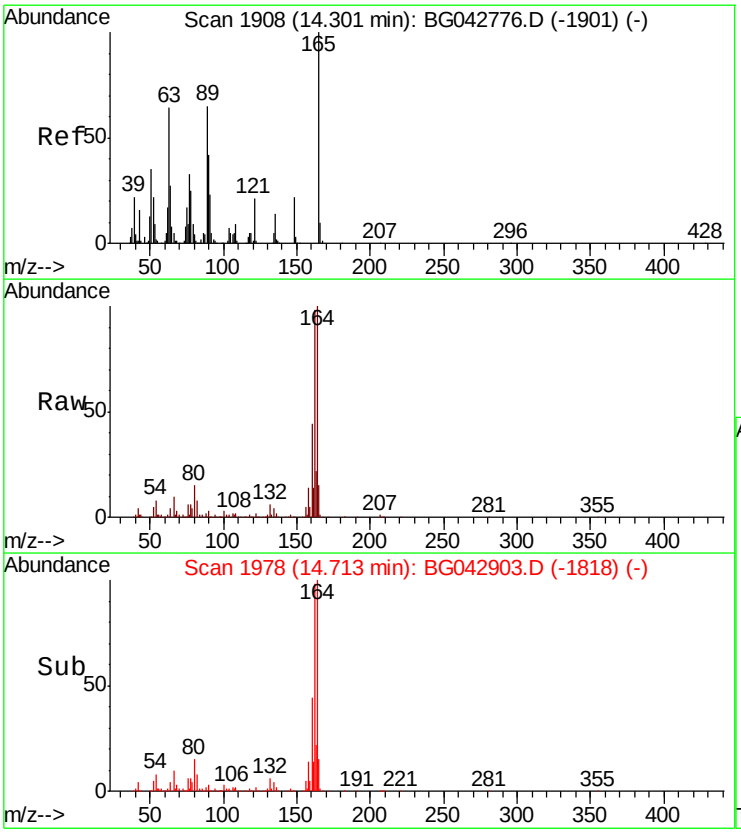
#45
2-Fluorobiphenyl
Concen: 104.730 ng
RT: 13.34 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1060541

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.1	19.1	28.7

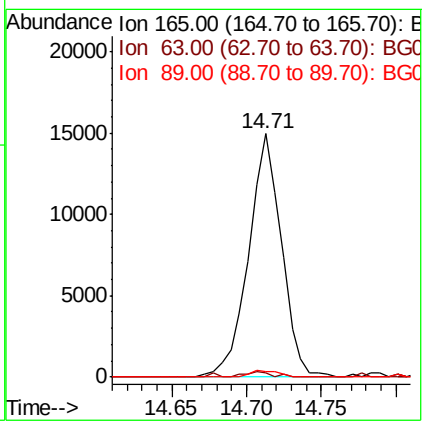


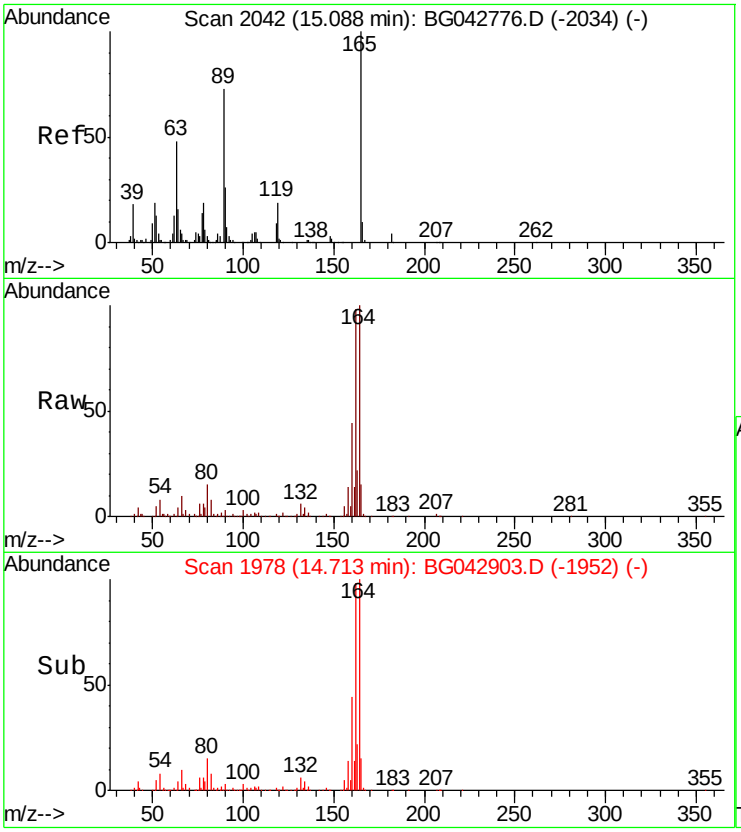


#51
2,6-Dinitrotoluene
Concen: 9.223 ng
RT: 14.71 min Scan# 1978
Delta R.T. 0.41 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Tgt Ion:165 Resp: 22726

Ion	Ratio	Lower	Upper
165	100		
63	1.9	52.1	78.1#
89	2.5	51.7	77.5#



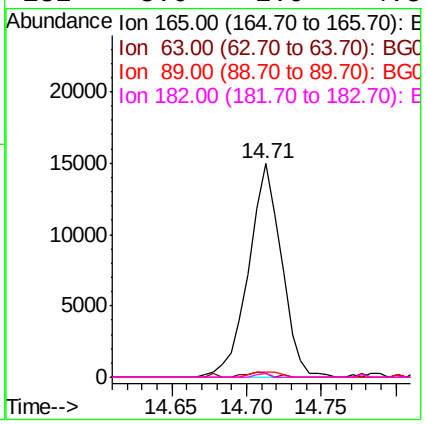


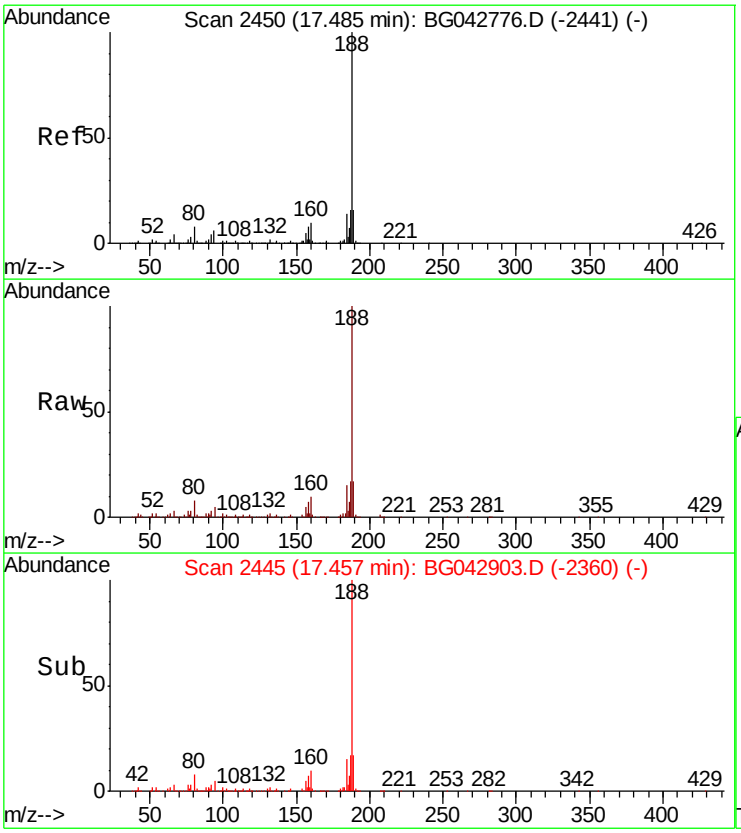
#57
2,4-Dinitrotoluene
Concen: 6.920 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.38 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 22726

Ion	Ratio	Lower	Upper
165	100		
63	1.9	38.3	57.5#
89	2.5	58.4	87.6#
182	3.0	2.9	4.3

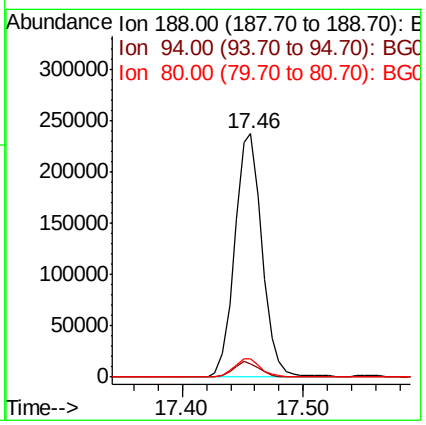


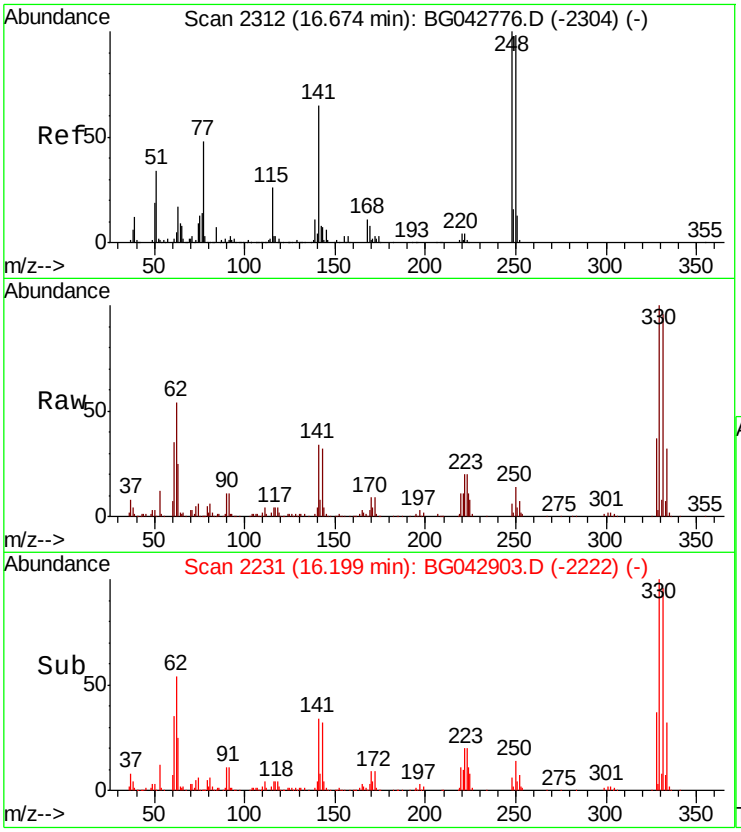


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.03 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Tgt Ion:188 Resp: 375238

Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.8	7.2
80	7.8	6.6	9.8



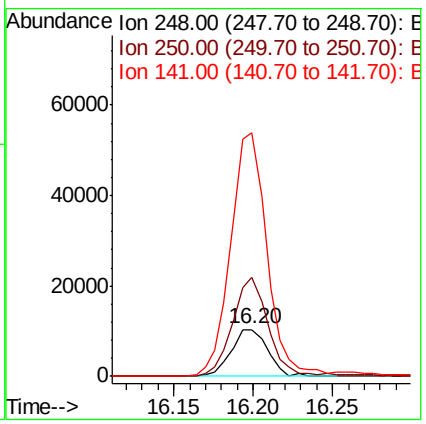


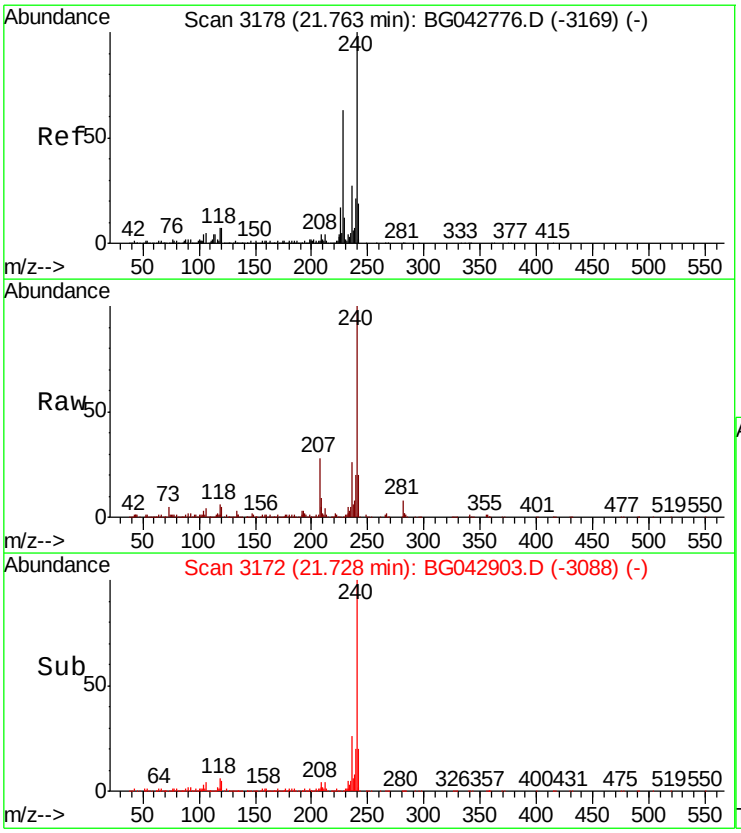
#67
4-Bromophenyl-phenylether
Concen: 3.677 ng
RT: 16.20 min Scan# 2231
Delta R.T. -0.48 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 16700

Ion	Ratio	Lower	Upper
248	100		
250	211.2	78.0	117.0#
141	518.7	51.8	77.6#

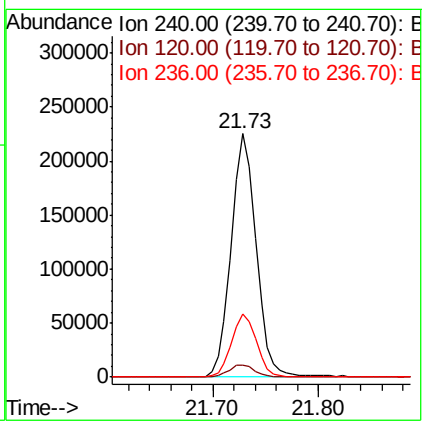


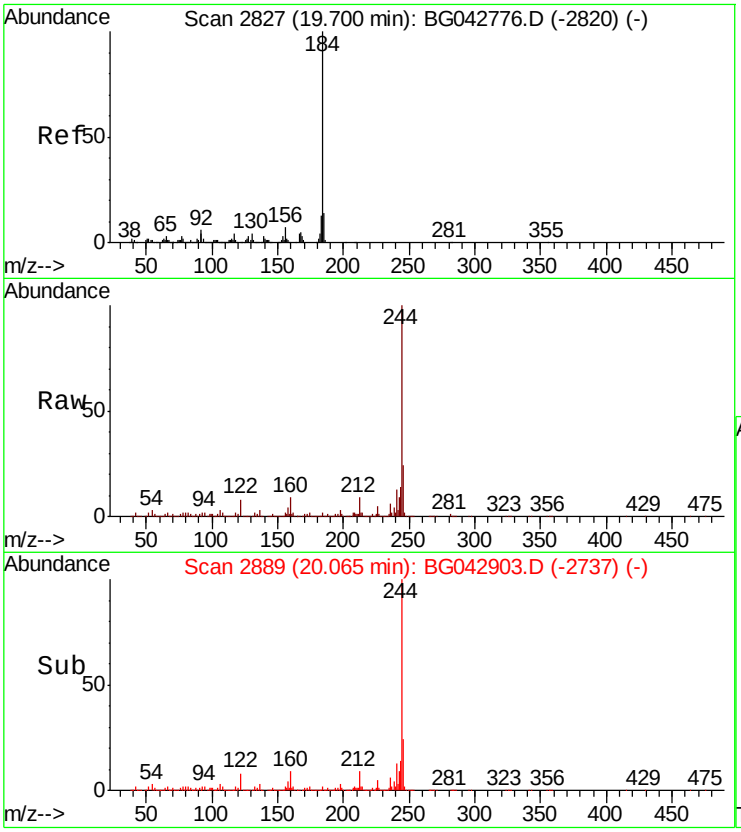


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.03 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Tgt Ion:240 Resp: 369355

Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.4	8.2#
236	25.7	21.7	32.5



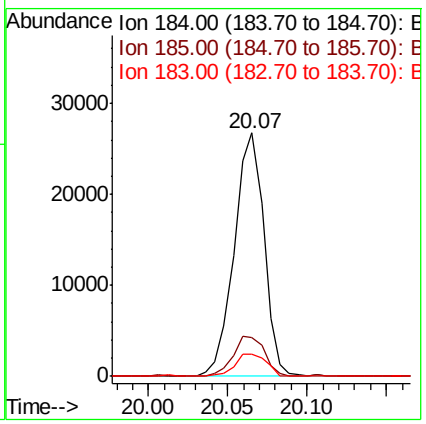


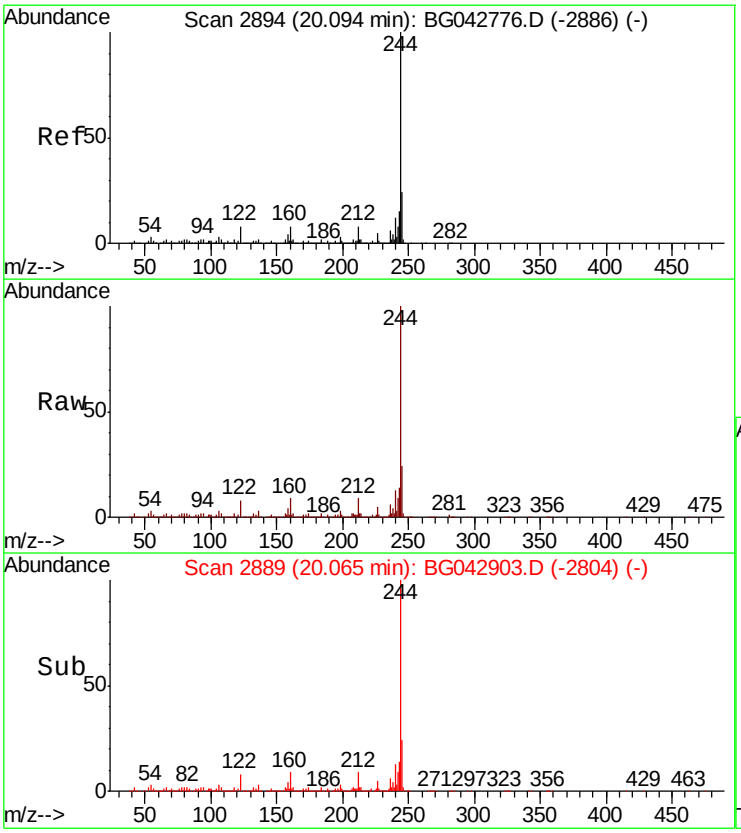
#77
Benzidine
Concen: 3.374 ng
RT: 20.07 min Scan# 2889
Delta R.T. 0.36 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 34821

Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.6	17.4
183	8.9	10.4	15.6#

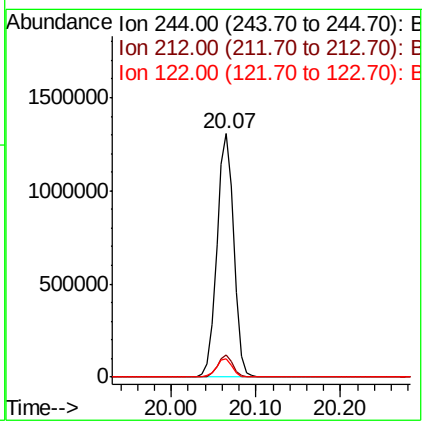


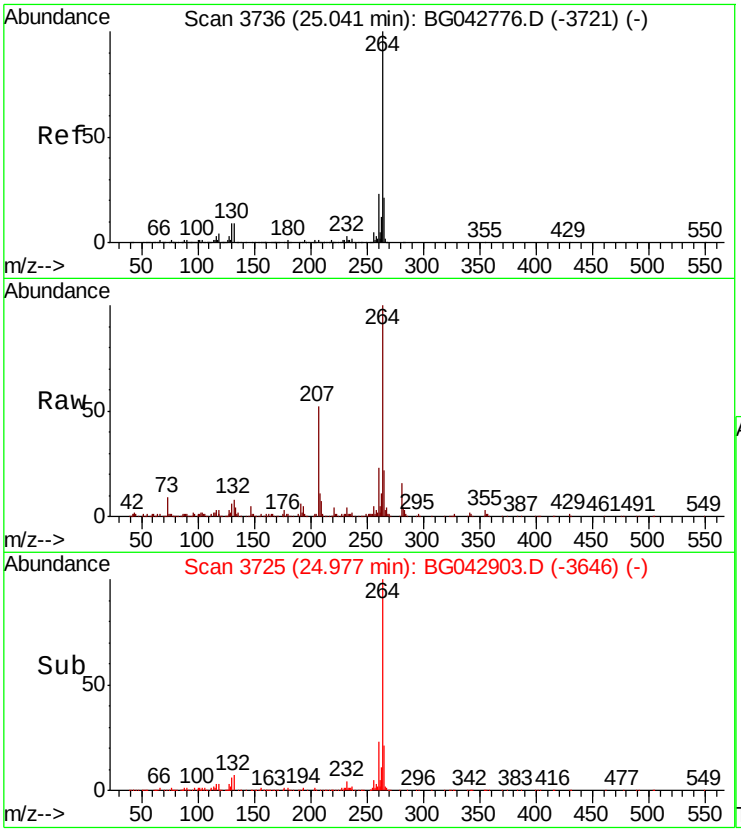


#79
Terphenyl-d14
Concen: 109.706 ng
RT: 20.07 min Scan# 2889
Delta R.T. -0.03 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Tgt Ion:244 Resp: 1828306

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.6	10.0
122	7.6	6.2	9.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 372193

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	22.4	16.9	25.3