Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042804.D
Acq On : 13 Sep 2019 6:25
Operator : HP/JU
Sample : K4850-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 13 08:32:39 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	8.12	152	87711	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	332202	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	221957	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	519493	20.00	ng	0.00
76) Chrysene-d12	21.75	240	548446	20.00	ng	0.00
87) Perylene-d12	25.02	264	590219	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	612572	121.42	ng	0.00
7) Phenol-d6	7.27	99	803755	110.99	ng	0.00
23) Nitrobenzene-d5	9.27	82	614495	96.30	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	412827	139.80	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1277640	91.12	ng	0.00
79) Terphenyl-d14	20.08	244	2274773	91.92	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	12627	5.484	ng	# 1
19) n-Nitroso-di-n-propylamine	9.27	70	85702	16.061	ng	# 74
31) Naphthalene	10.98	128	209073	12.747	ng	98
32) Benzoic acid	10.18	122	62	5.979	ng	# 1
33) 4-Chloroaniline	10.98	127	27760	3.621	ng	# 27
37) 2-Methylnaphthalene	12.58	142	34624	2.818	ng	97
38) 1-Methylnaphthalene	12.79	142	62023	5.382	ng	100
51) 2,6-Dinitrotoluene	14.73	165	32687	9.581	ng	# 18
57) 2,4-Dinitrotoluene	14.73	165	32687	7.188	ng	# 22
67) 4-Bromophenyl-phenylether	16.22	248	28154	4.478	ng	# 1
77) Benzidine	20.08	184	40130	2.619	ng	# 93

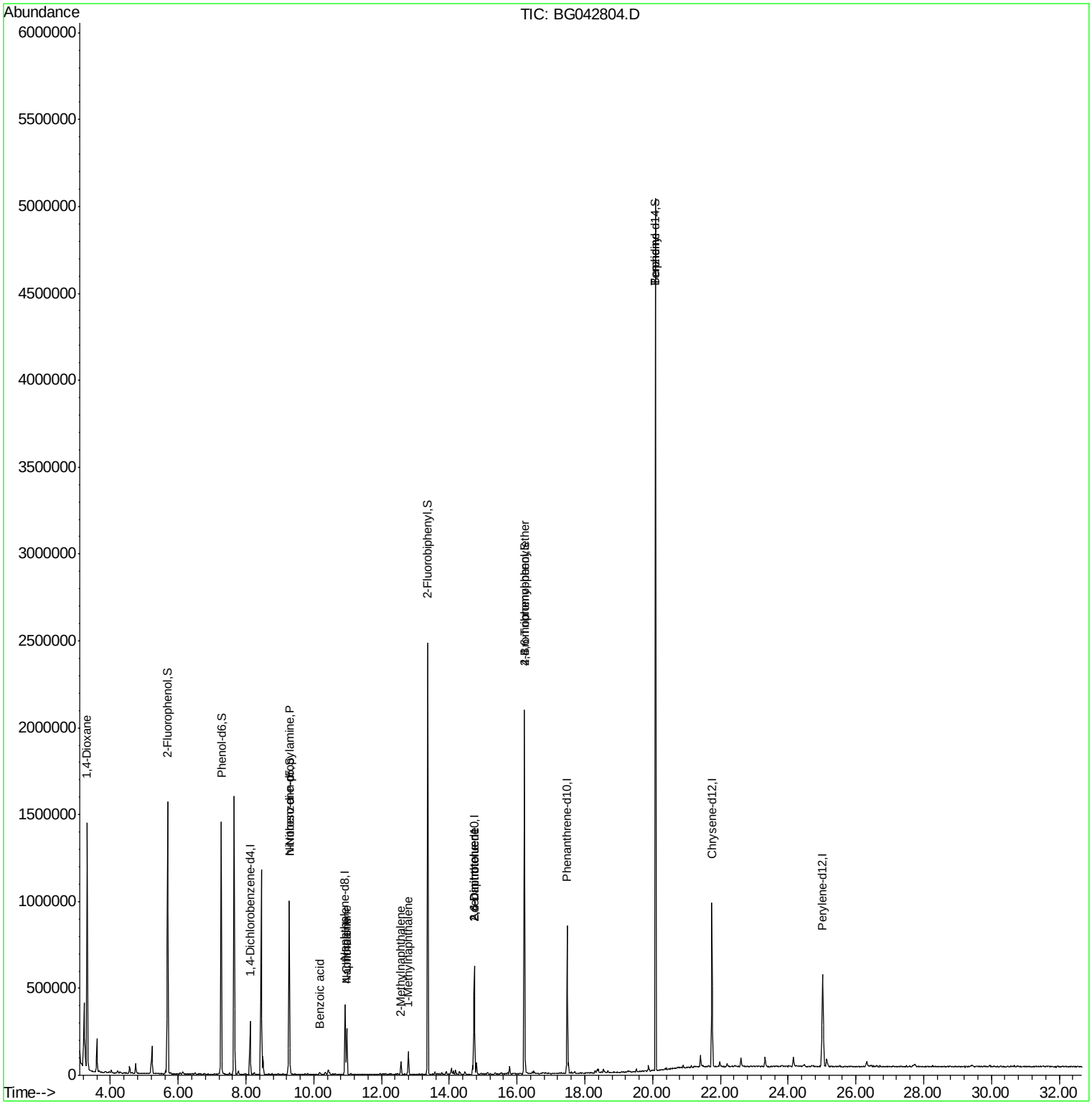
(#) = qualifier out of range (m) = manual integration (+) = signals summed

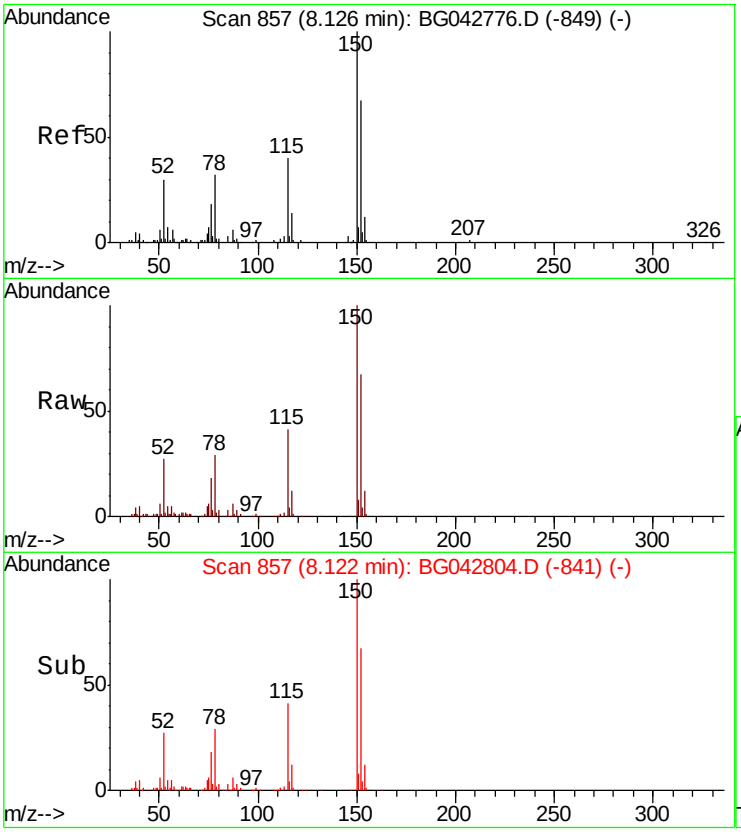
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042804.D
Acq On : 13 Sep 2019 6:25
Operator : HP/JU
Sample : K4850-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 13 08:32:39 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



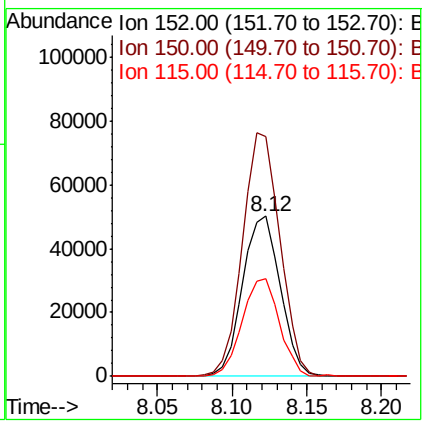


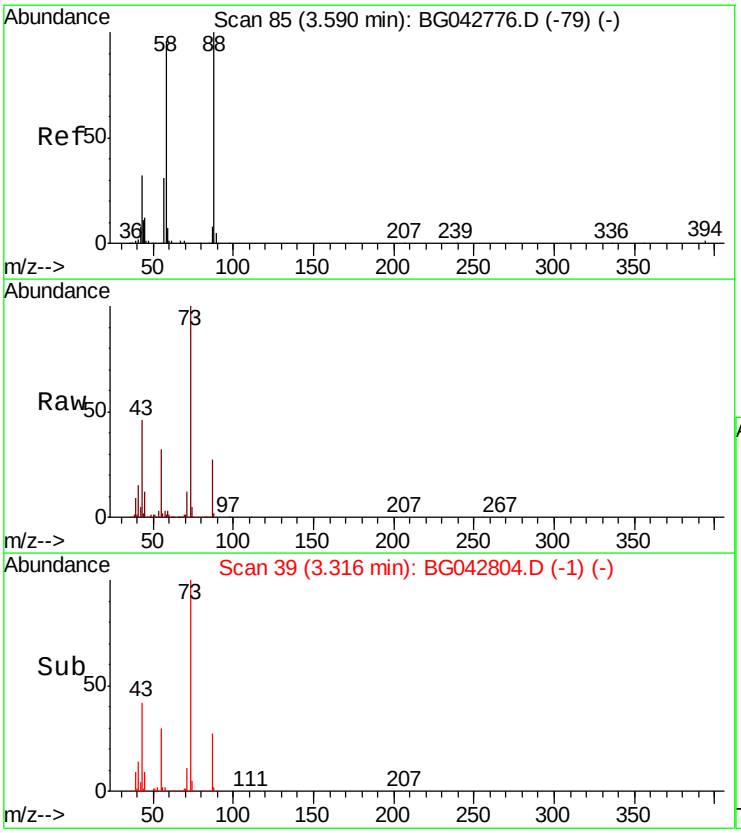
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 87711

Ion	Ratio	Lower	Upper
152	100		
150	150.0	118.9	178.3
115	61.0	47.4	71.2

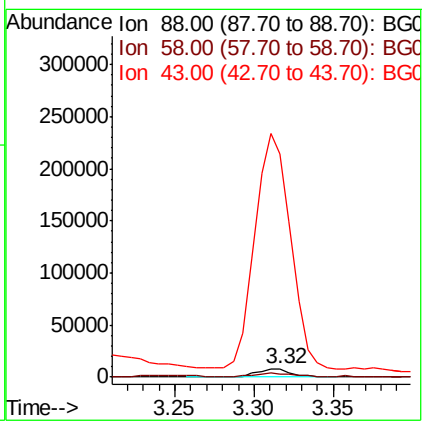


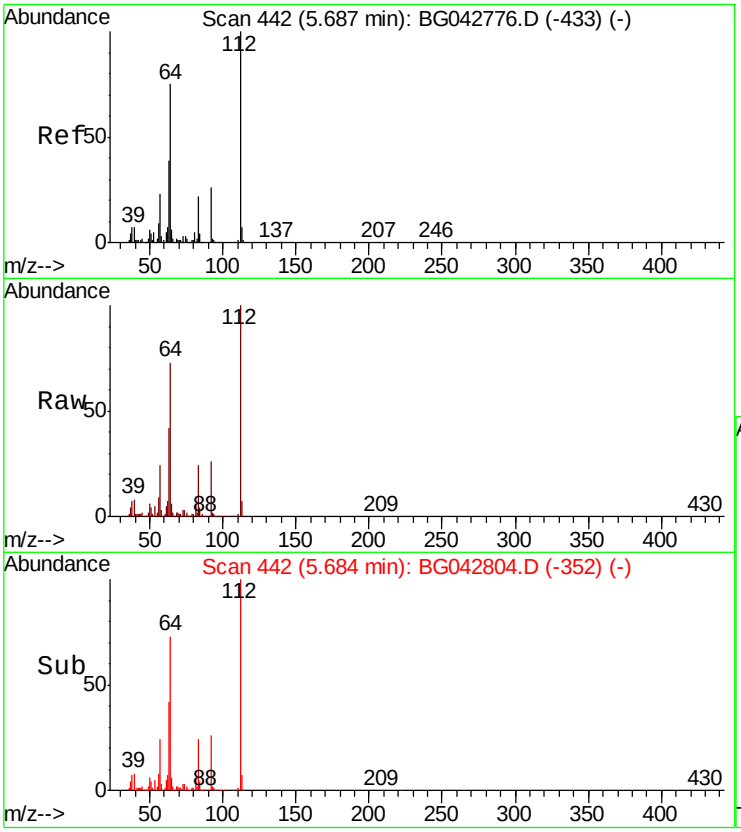


#2
1,4-Dioxane
Concen: 5.484 ng
RT: 3.32 min Scan# 39
Delta R.T. -0.27 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Tgt Ion: 88 Resp: 12627

Ion	Ratio	Lower	Upper
88	100		
58	35.3	79.1	118.7#
43	2793.8	30.4	45.6#



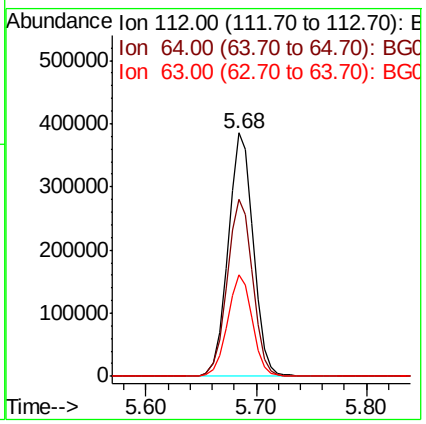


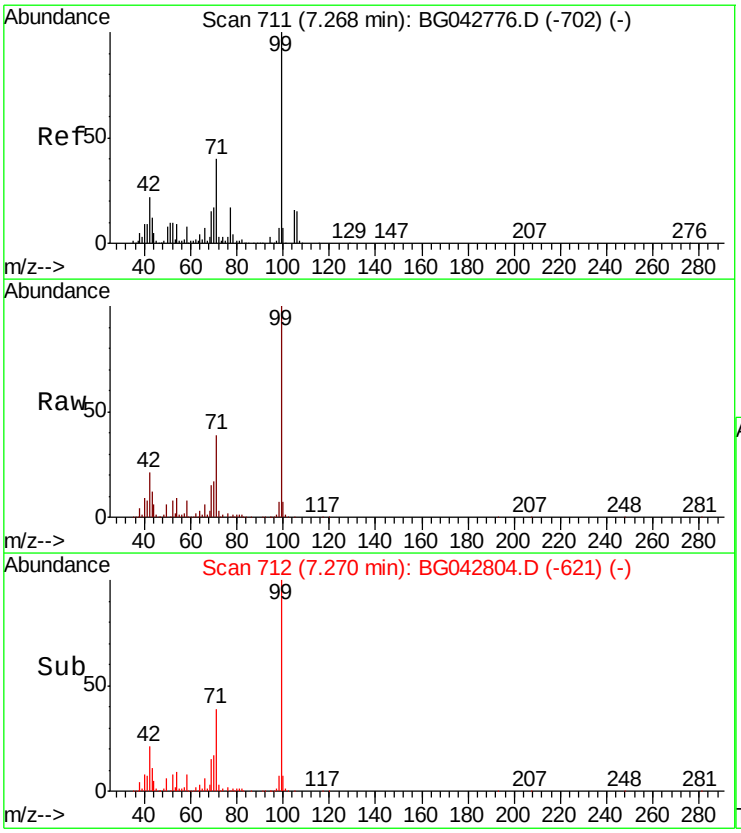
#5
2-Fluorophenol
Concen: 121.420 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 612572

Ion	Ratio	Lower	Upper
112	100		
64	72.8	60.2	90.2
63	41.8	31.2	46.8

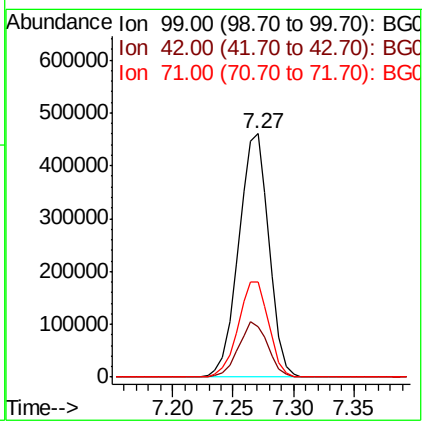


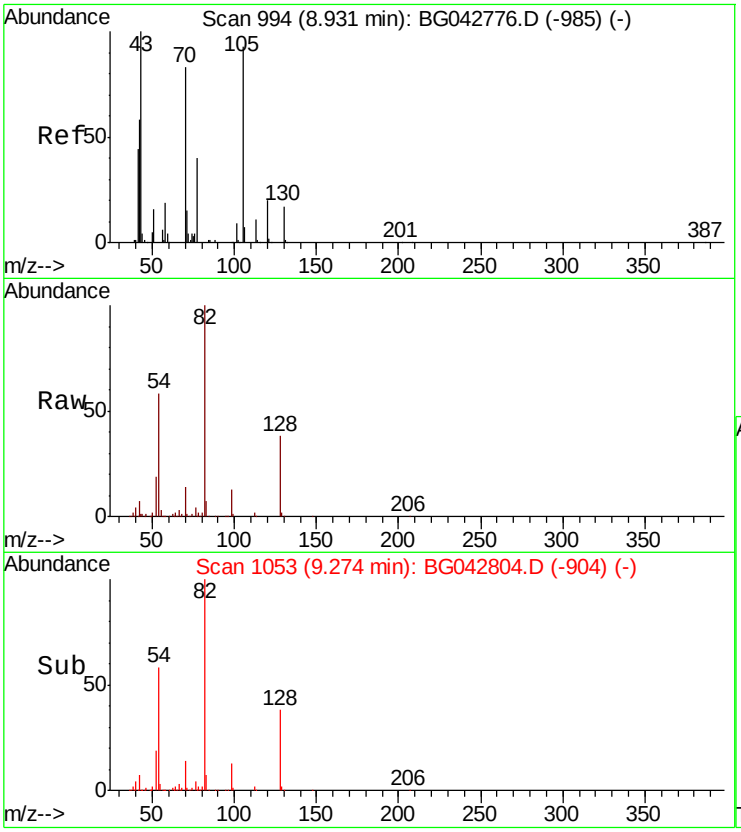


#7
Phenol-d6
Concen: 110.995 ng
RT: 7.27 min Scan# 712
Delta R.T. 0.00 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Tgt Ion: 99 Resp: 803755

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.5	26.3
71	39.0	32.0	48.0



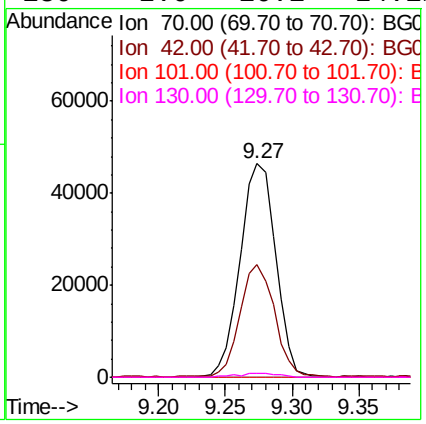


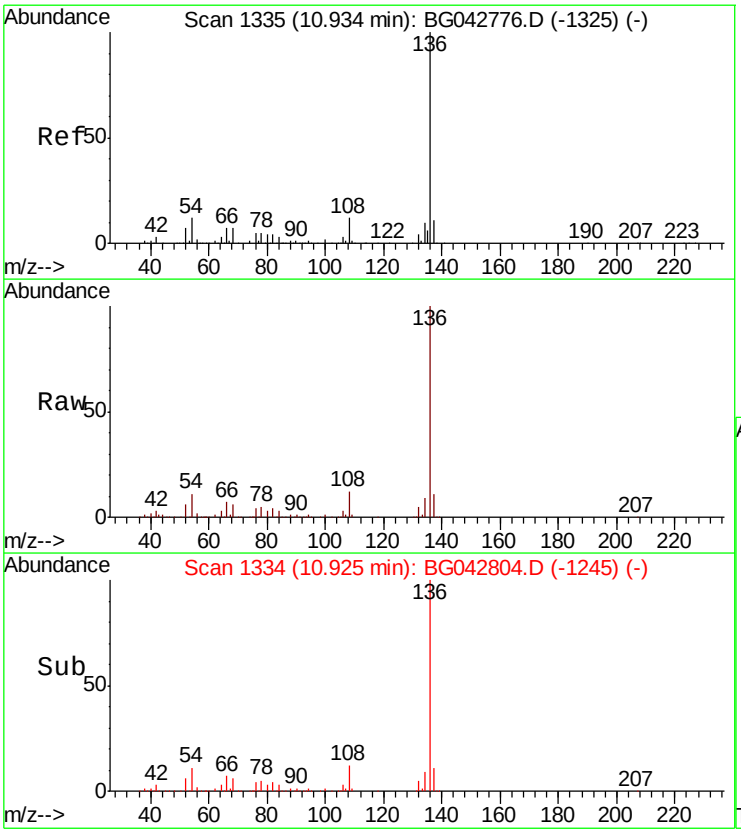
#19
n-Nitroso-di-n-propylamine
Concen: 16.061 ng
RT: 9.27 min Scan# 1053
Delta R.T. 0.34 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 85702

Ion	Ratio	Lower	Upper
70	100		
42	52.8	57.0	85.6#
101	0.0	8.4	12.6#
130	2.0	16.1	24.1#

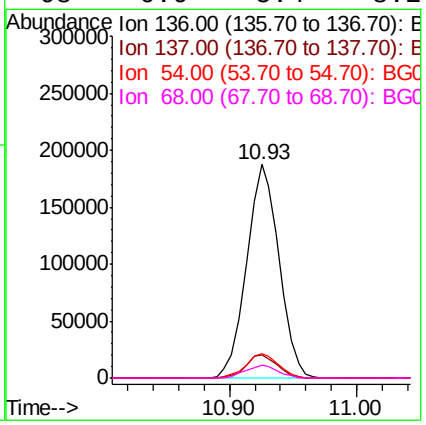


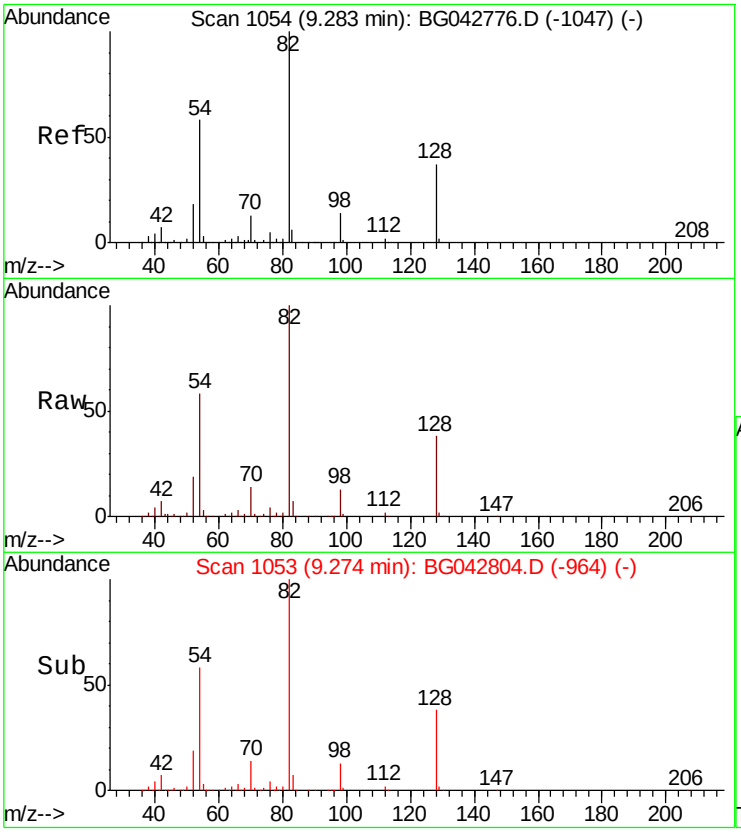


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Tgt Ion:136 Resp: 332202

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	11.4	9.4	14.0
68	6.0	5.4	8.2



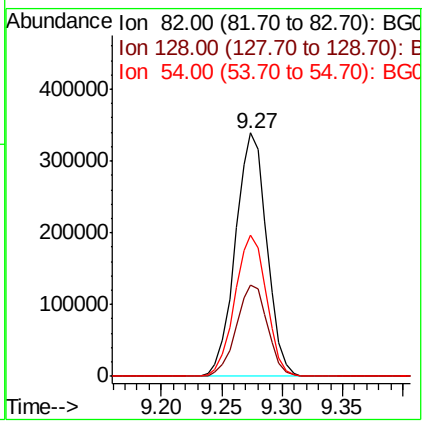


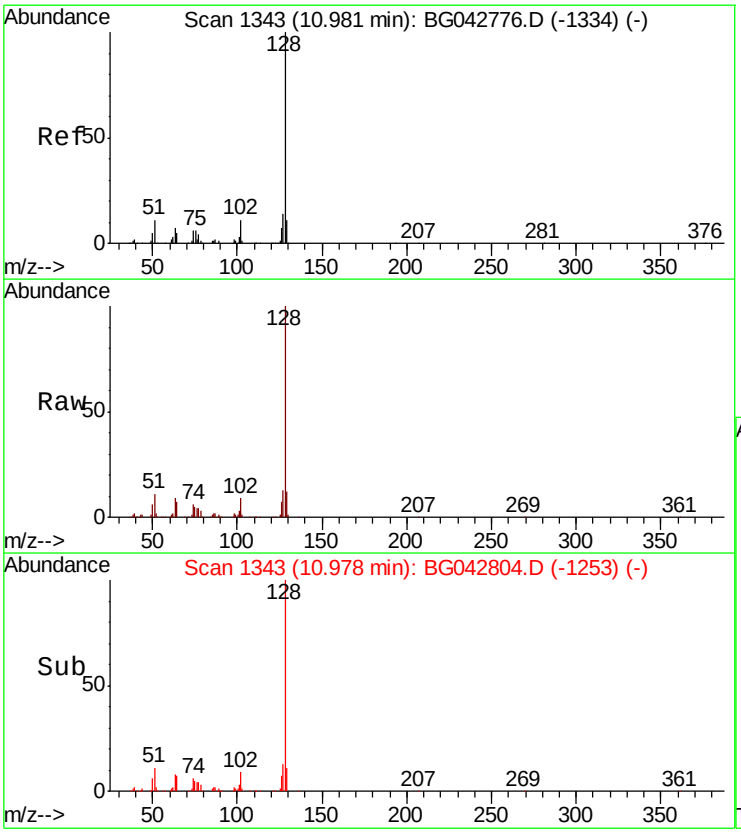
#23
Nitrobenzene-d5
Concen: 96.303 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 614495

Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.8	44.8
54	57.8	46.1	69.1

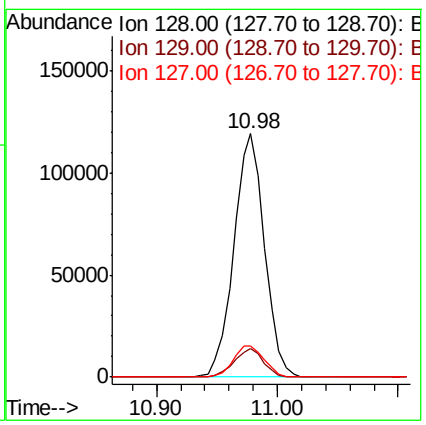


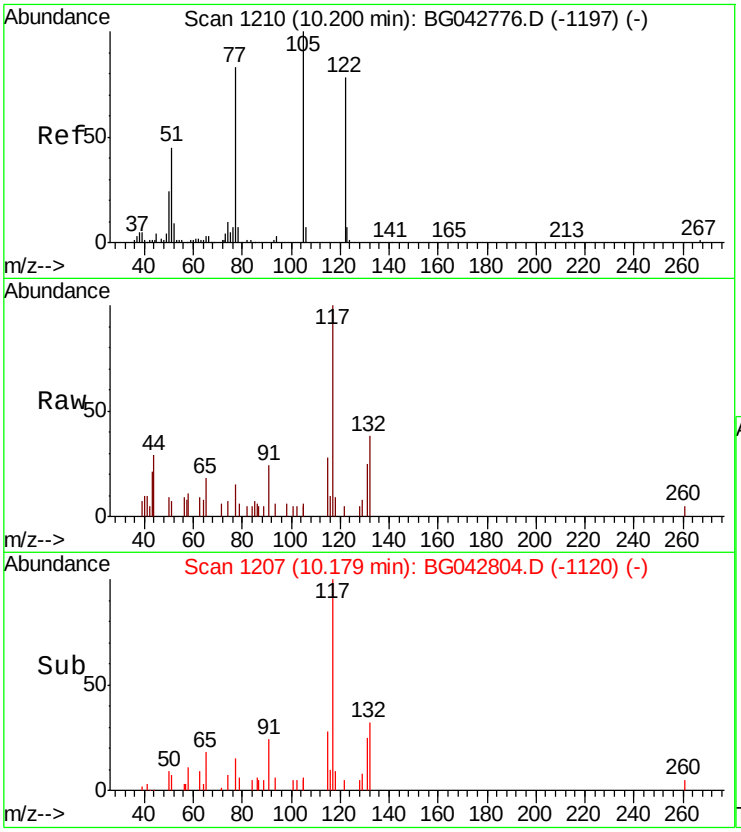


#31
Naphthalene
Concen: 12.747 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Tgt Ion:128 Resp: 209073

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.0	11.4	17.2



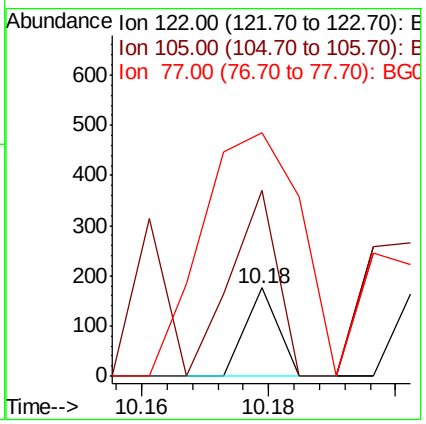


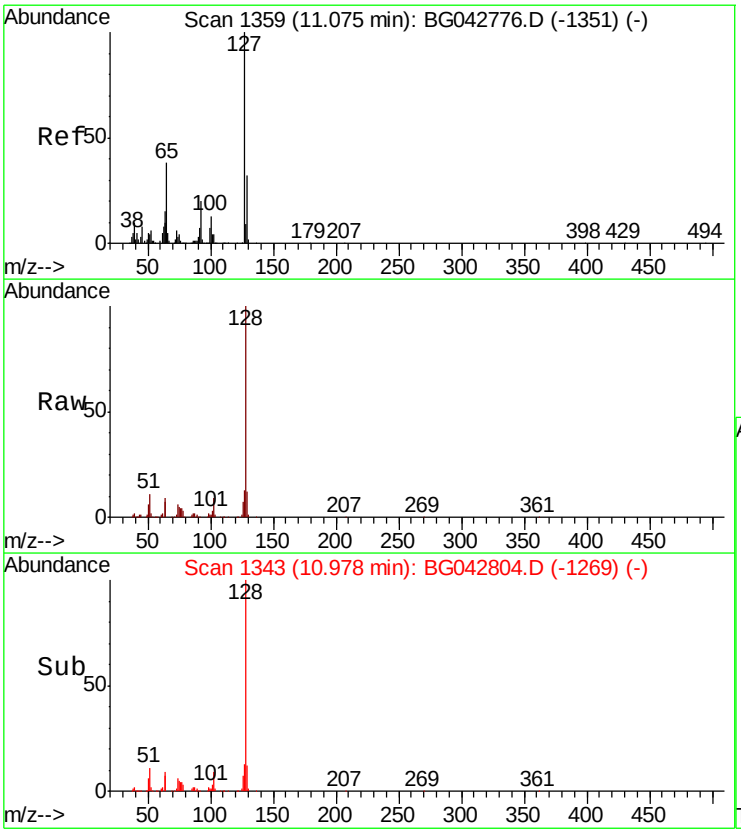
#32
Benzoic acid
Concen: 5.979 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 62

Ion	Ratio	Lower	Upper
122	100		
105	210.8	104.0	144.0#
77	275.6	84.2	124.2#

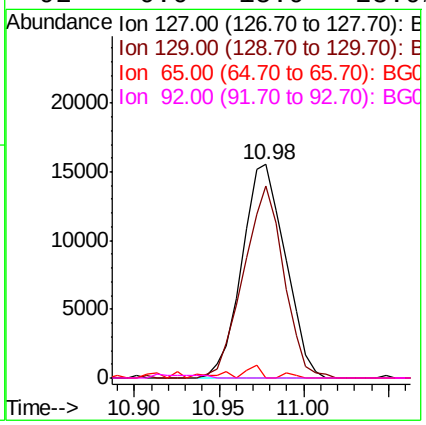


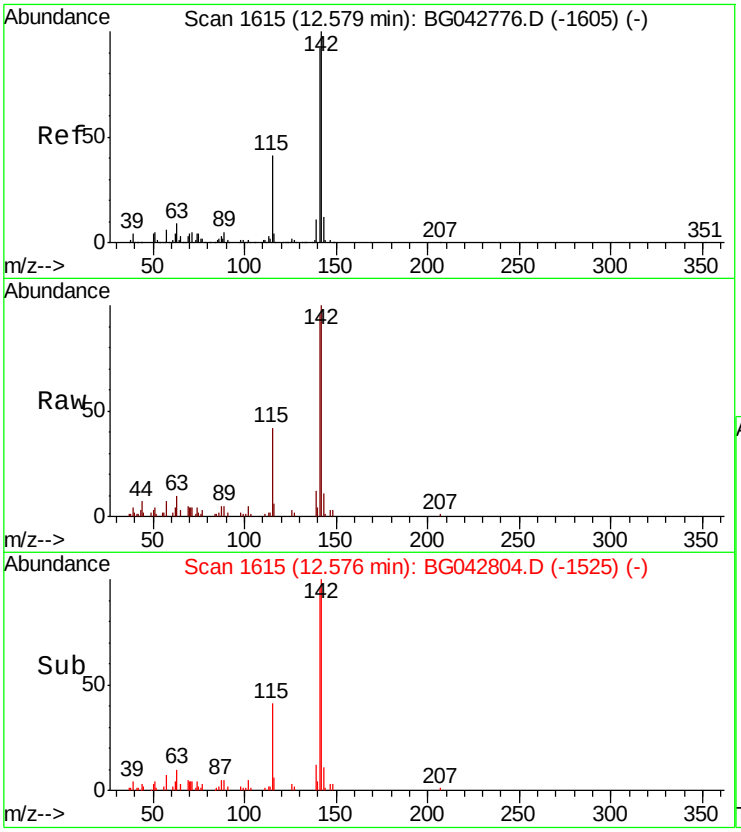


#33
4-Chloroaniline
Concen: 3.621 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.10 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Tgt Ion:127 Resp: 27760

Ion	Ratio	Lower	Upper
127	100		
129	89.7	25.8	38.6#
65	0.0	30.5	45.7#
92	0.0	15.9	23.9#



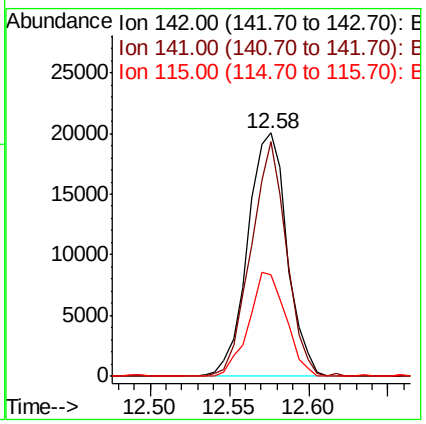


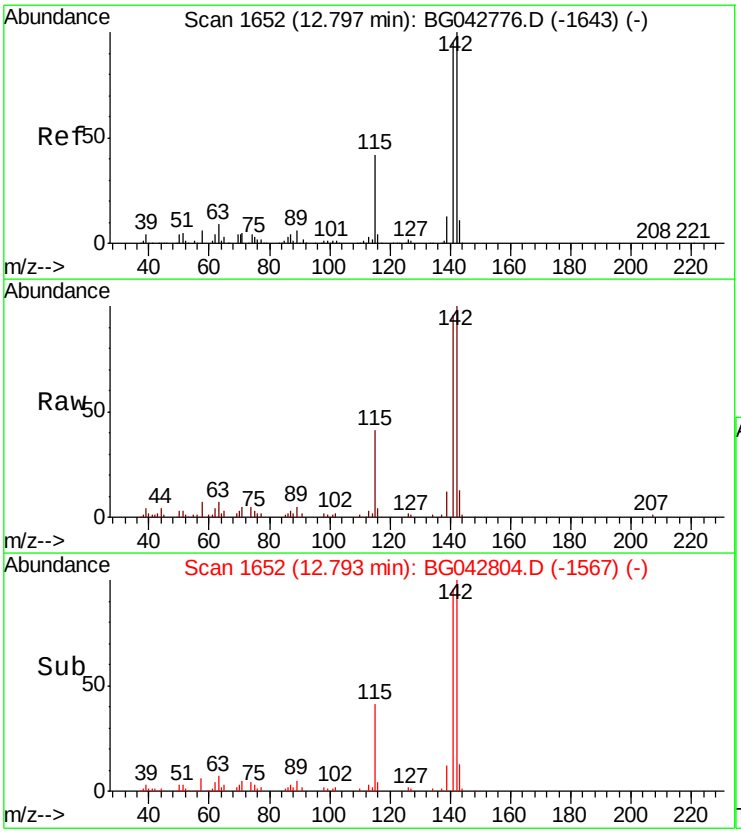
#37
2-Methylnaphthalene
Concen: 2.818 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 34624

Ion	Ratio	Lower	Upper
142	100		
141	96.5	73.8	110.8
115	41.8	33.0	49.4

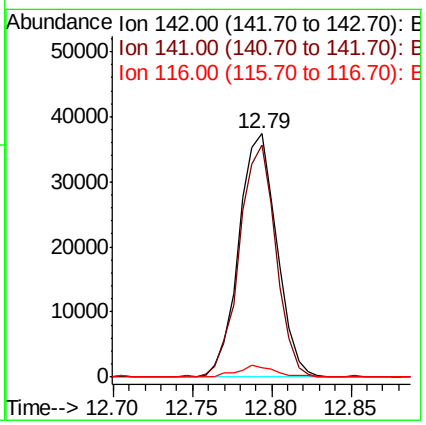


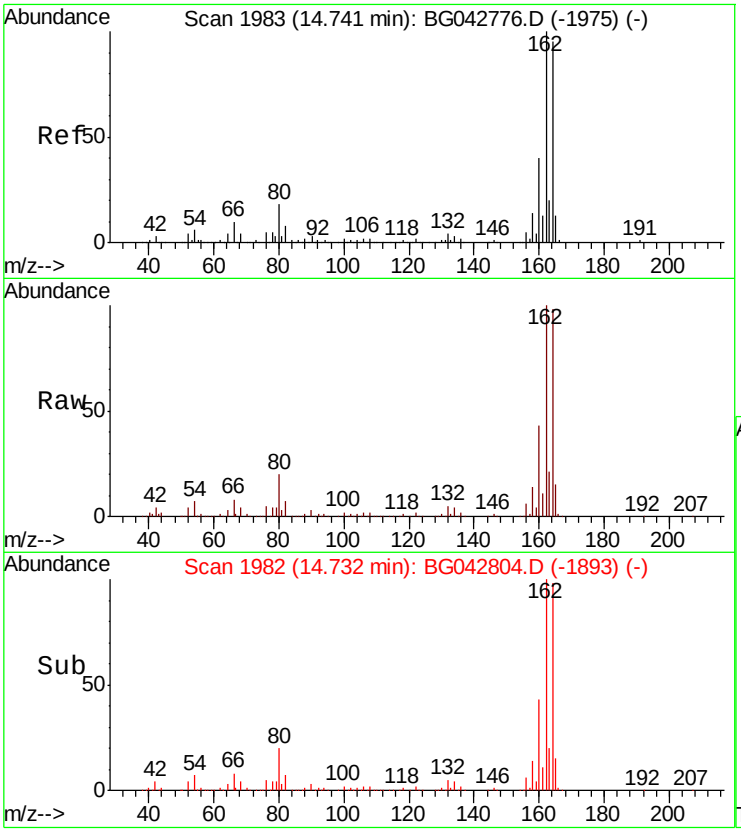


#38
1-Methylnaphthalene
Concen: 5.382 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Tgt Ion:142 Resp: 62023

Ion	Ratio	Lower	Upper
142	100		
141	95.5	76.3	114.5
116	4.1	3.4	5.0



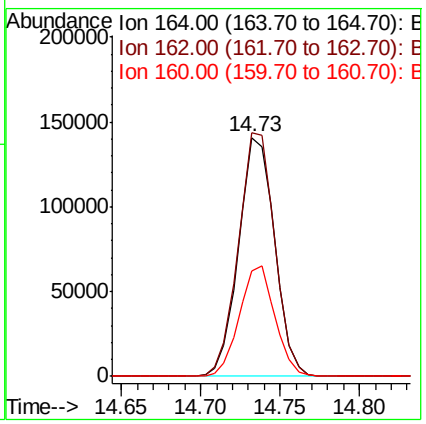


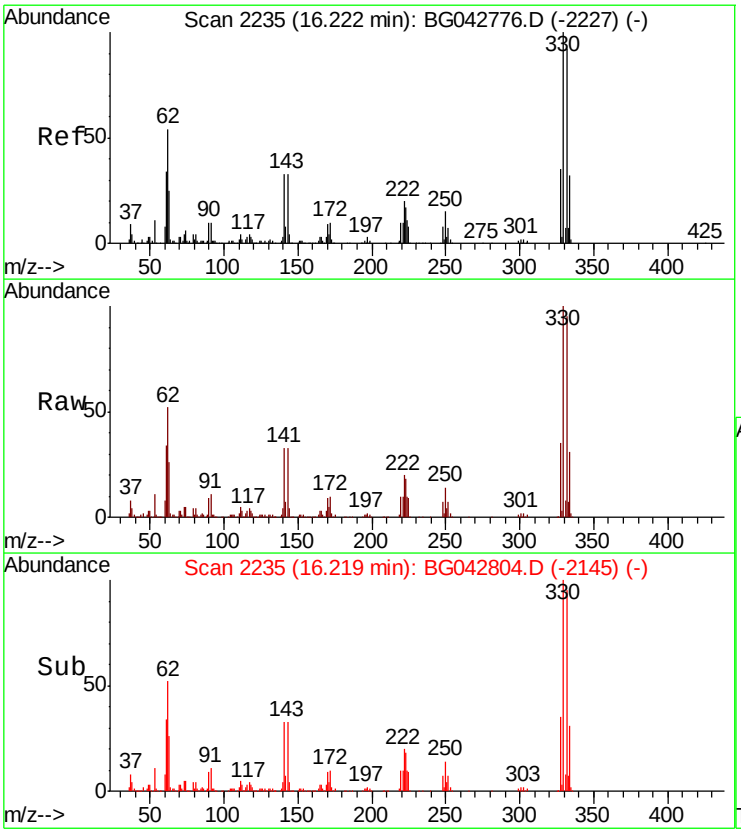
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 221957

Ion	Ratio	Lower	Upper
164	100		
162	101.9	84.6	126.8
160	43.8	34.2	51.2

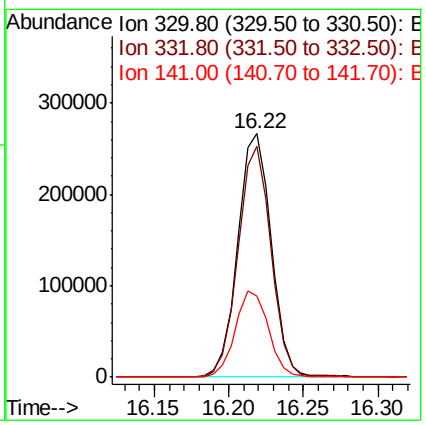


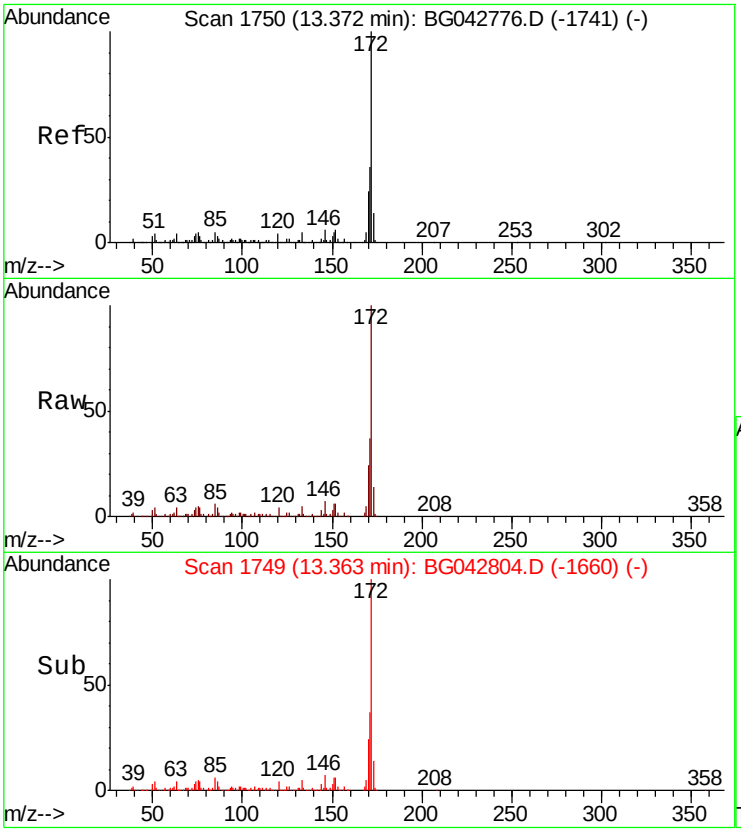


#42
2,4,6-Tribromophenol
Concen: 139.801 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Tgt Ion:330 Resp: 412827

Ion	Ratio	Lower	Upper
330	100		
332	93.4	76.7	115.1
141	35.5	27.0	40.6



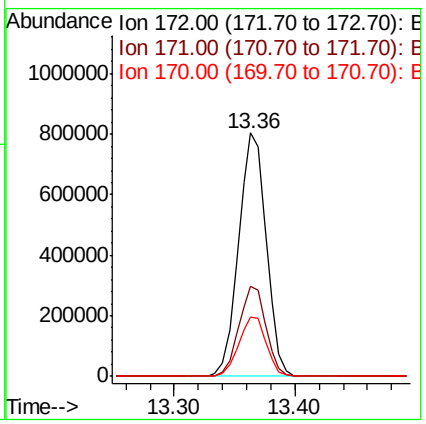


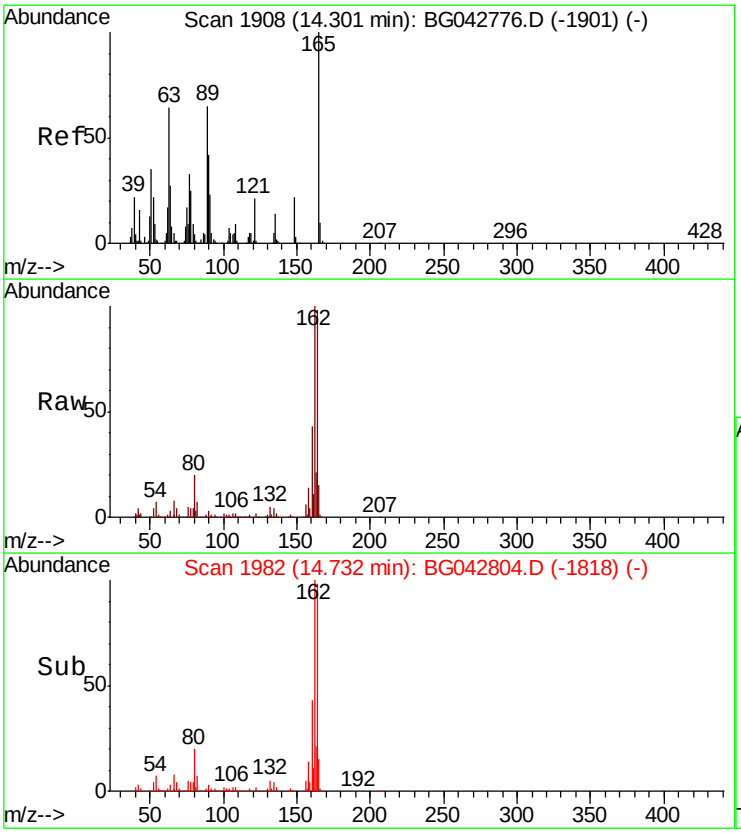
#45
2-Fluorobiphenyl
Concen: 91.118 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1277640

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	24.4	19.1	28.7

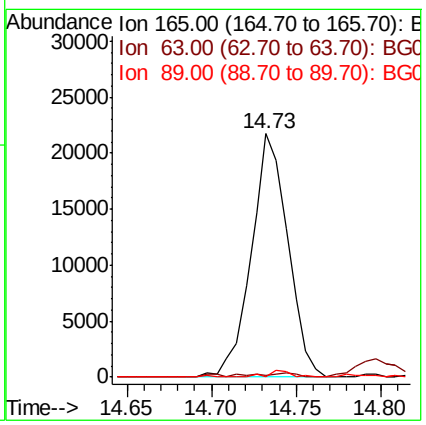


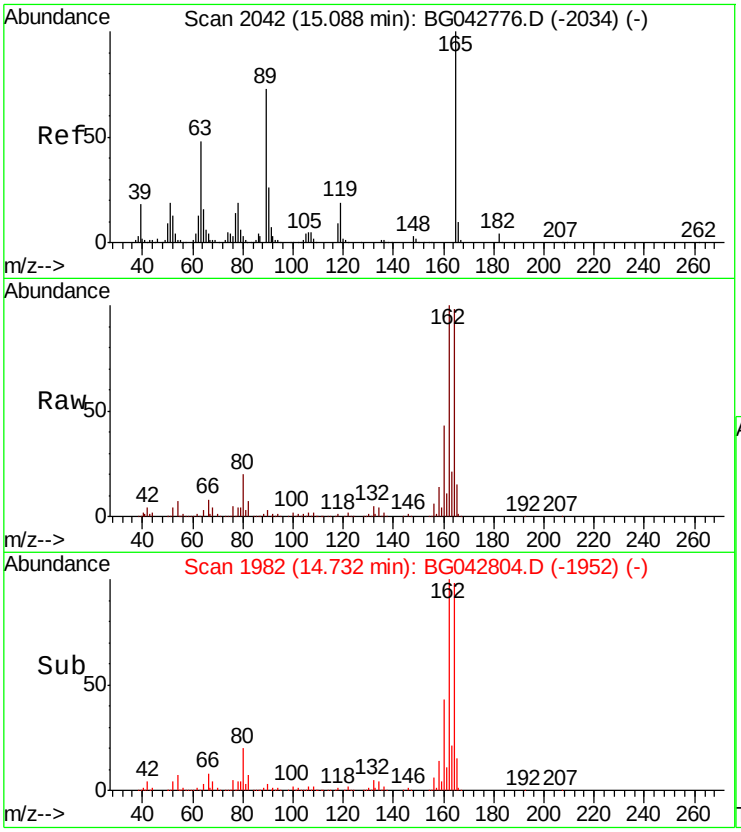


#51
2,6-Dinitrotoluene
Concen: 9.581 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.43 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Tgt Ion:165 Resp: 32687

Ion	Ratio	Lower	Upper
165	100		
63	0.9	52.1	78.1#
89	0.0	51.7	77.5#



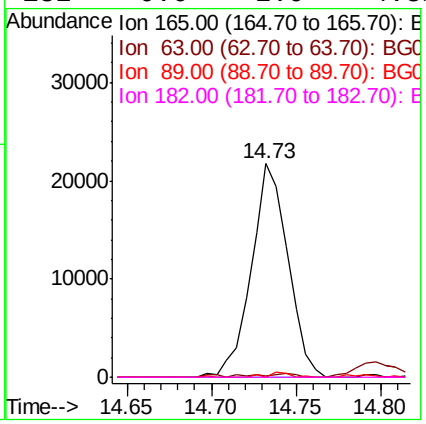


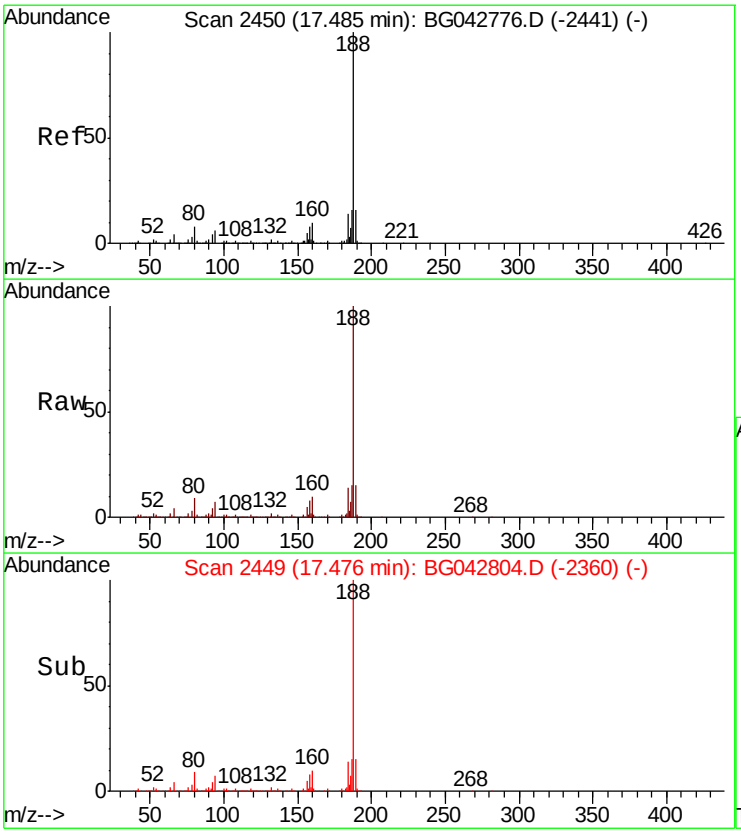
#57
2,4-Dinitrotoluene
Concen: 7.188 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.36 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 32687

Ion	Ratio	Lower	Upper
165	100		
63	0.9	38.3	57.5#
89	0.0	58.4	87.6#
182	0.0	2.9	4.3#

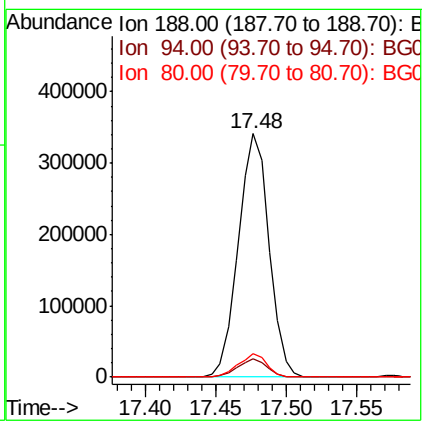


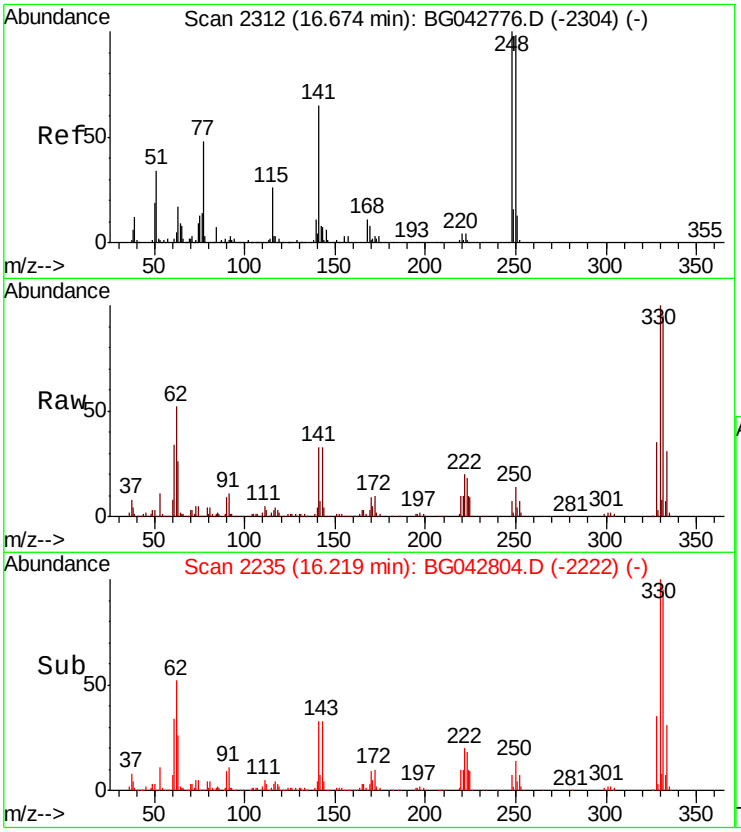


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Tgt Ion:188 Resp: 519493

Ion	Ratio	Lower	Upper
188	100		
94	7.3	4.8	7.2#
80	9.4	6.6	9.8



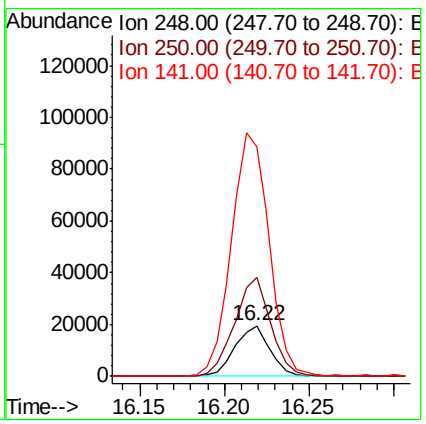


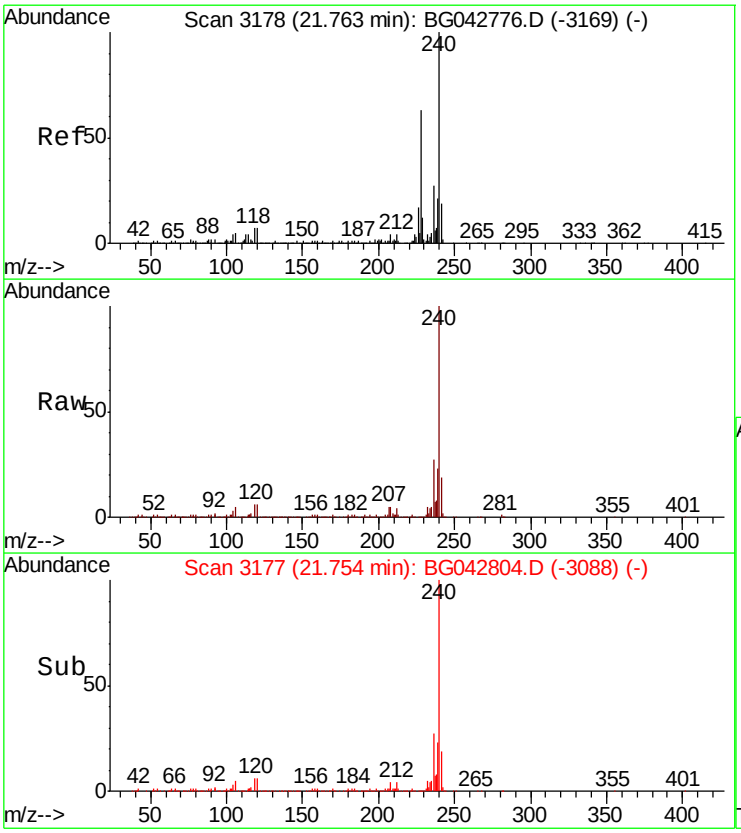
#67
4-Bromophenyl-phenylether
Concen: 4.478 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.46 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 28154

Ion	Ratio	Lower	Upper
248	100		
250	196.1	78.0	117.0#
141	454.4	51.8	77.6#

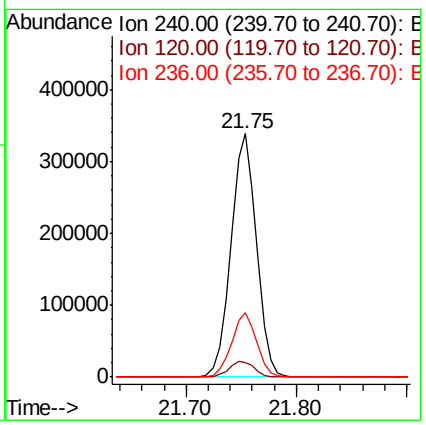


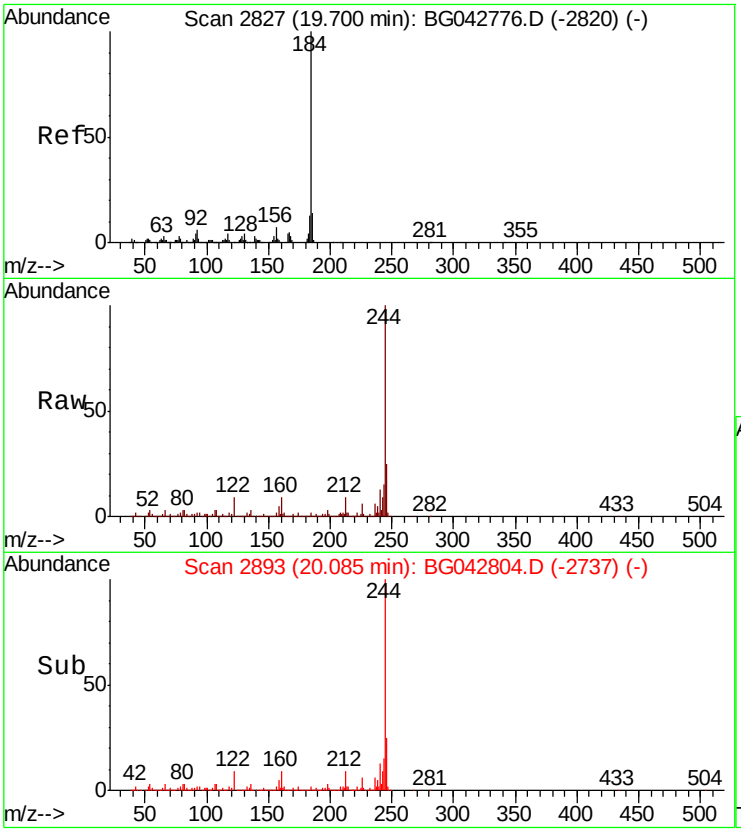


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Tgt Ion:240 Resp: 548446

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.4	8.2
236	26.5	21.7	32.5



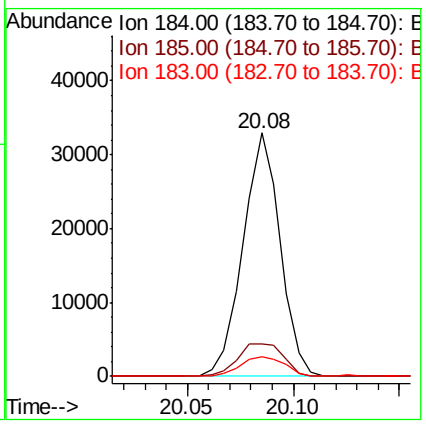


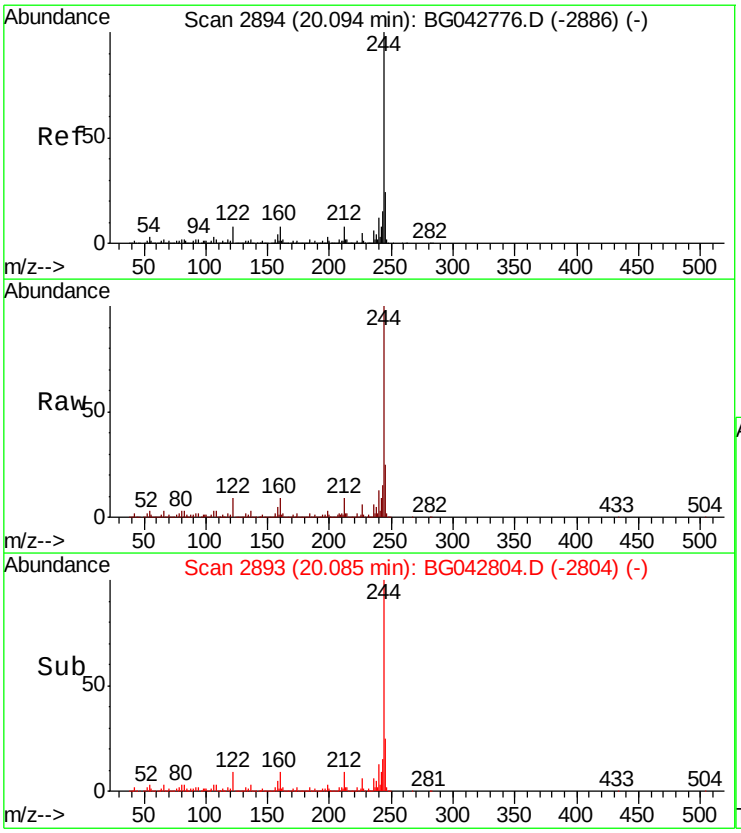
#77
Benzidine
Concen: 2.619 ng
RT: 20.08 min Scan# 2893
Delta R.T. 0.38 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 40130

Ion	Ratio	Lower	Upper
184	100		
185	13.3	11.6	17.4
183	8.1	10.4	15.6#

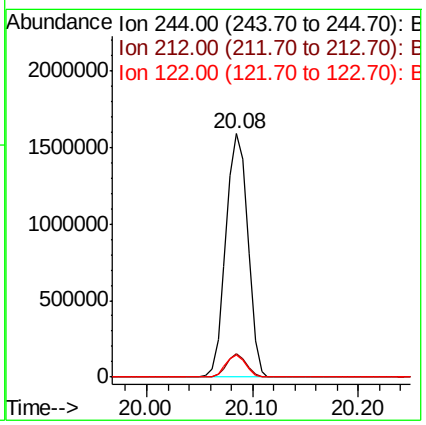


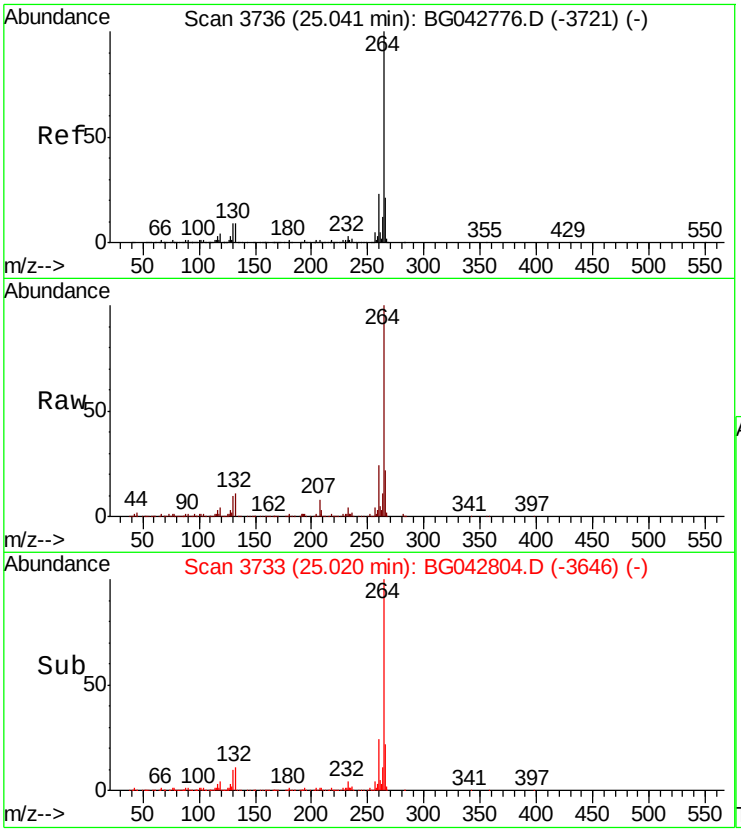


#79
Terphenyl-d14
Concen: 91.924 ng
RT: 20.08 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Tgt Ion:244 Resp: 2274773

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





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.02 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 590219

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	21.8	16.9	25.3