Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
Data File : BG046039.D
Acq On : 14 Jul 2020 19:08
Operator : CG/JU
Sample : PB130200BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB130200BL

Quant Time: Jul 15 00:35:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:58:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	117155	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	456642	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	270128	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	589533	20.00	ng	0.00
76) Chrysene-d12	21.62	240	631094	20.00	ng	-0.01
86) Perylene-d12	24.77	264	610332	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	759709	105.16	ng	0.00
7) Phenol-d6	7.17	99	1008626	96.97	ng	0.00
23) Nitrobenzene-d5	9.15	82	645478	81.36	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	270086	107.73	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1168938	67.50	ng	0.00
79) Terphenyl-d14	19.98	244	1738606	61.31	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.15	70	84223	11.527	ng	# 77
32) Benzoic acid	10.47	122	81	6.523	ng	# 1
48) 2-Nitroaniline	13.25	65	2466	3.880	ng	# 1
51) 2,6-Dinitrotoluene	14.62	165	34123	12.073	ng	# 18
53) 3-Nitroaniline	14.63	138	69	2.998	ng	# 1
54) 2,4-Dinitrophenol	14.54	184	57	6.149	ng	# 17
57) 2,4-Dinitrotoluene	14.62	165	34123	10.693	ng	# 20
65) 4,6-Dinitro-2-methylphenol	16.11	198	609	7.048	ng	# 1
67) 4-Bromophenyl-phenylether	16.11	248	18776	2.852	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
Data File : BG046039.D
Acq On : 14 Jul 2020 19:08
Operator : CG/JU
Sample : PB130200BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB130200BL

Quant Time: Jul 15 00:35:21 2020
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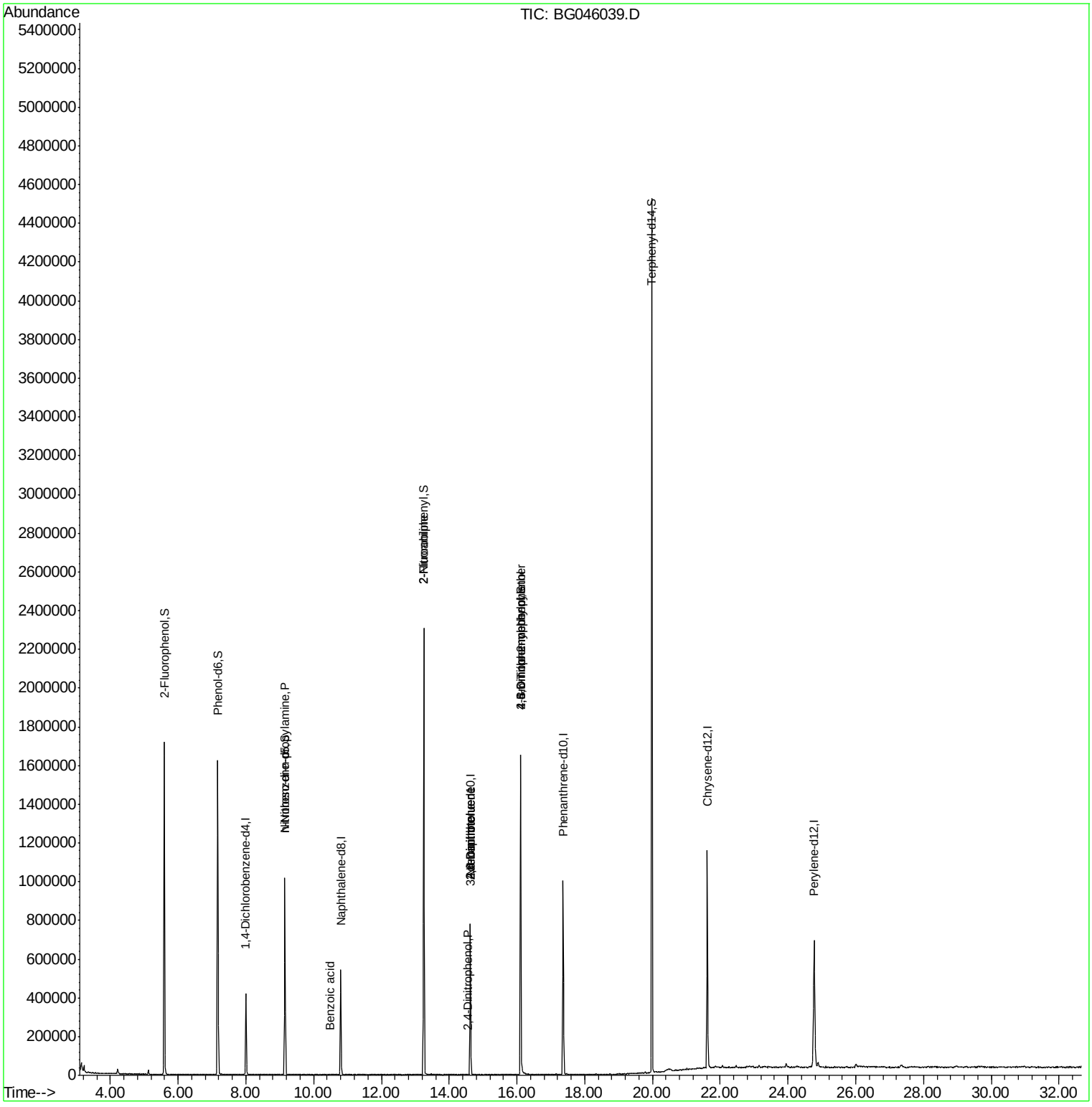
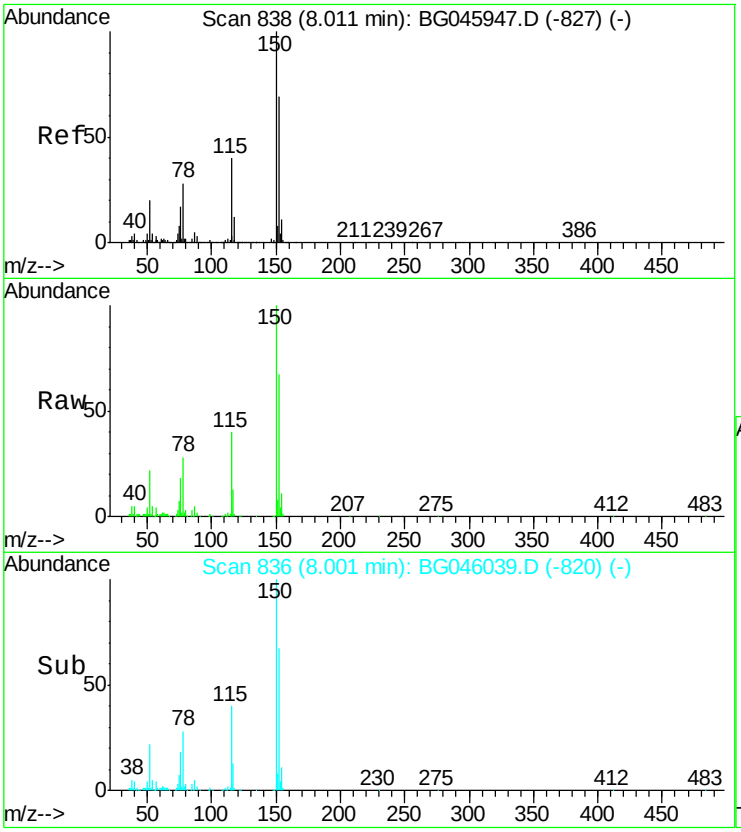


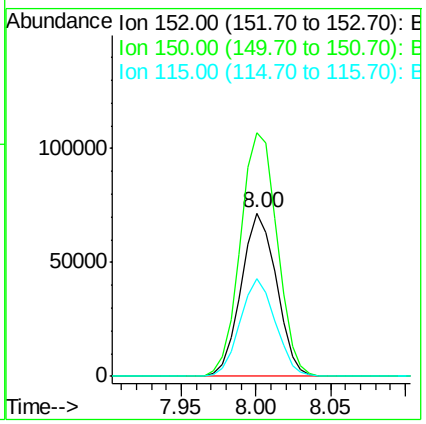


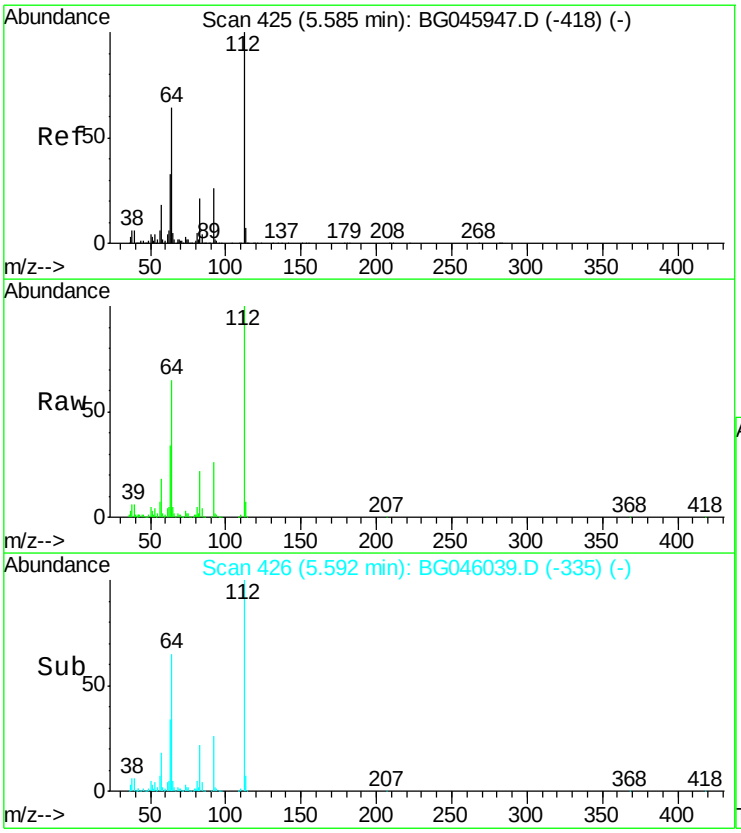
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Instrument :
BNA_G
ClientSampleId :
PB130200BL

Tgt Ion:152 Resp: 117155

Ion	Ratio	Lower	Upper
152	100		
150	149.0	116.7	175.1
115	60.0	47.4	71.0

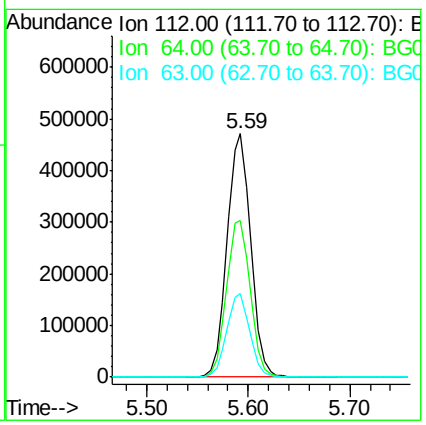


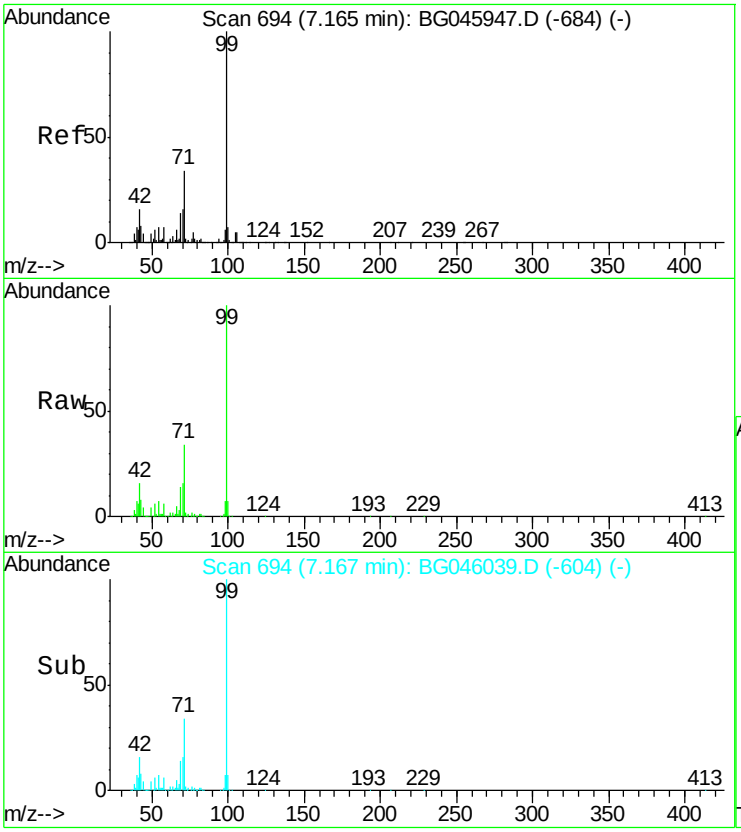


#5
2-Fluorophenol
Concen: 105.159 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.01 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Tgt Ion:112 Resp: 759709

Ion	Ratio	Lower	Upper
112	100		
64	64.6	51.4	77.2
63	34.2	26.6	40.0



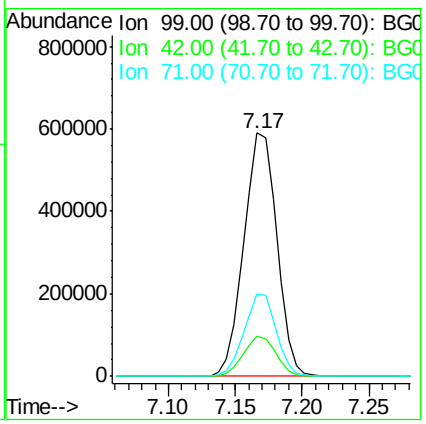


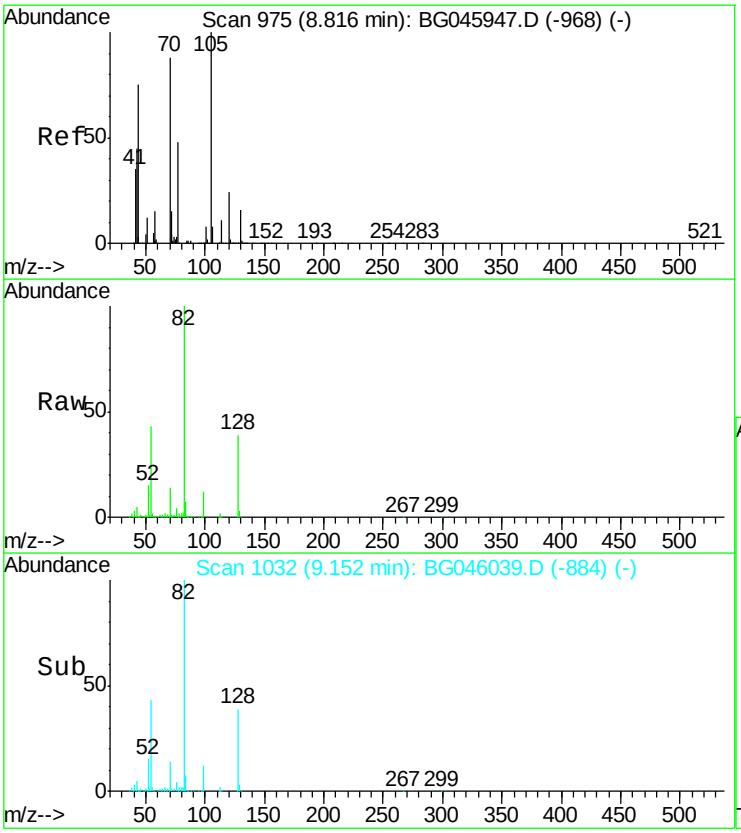
#7
Phenol-d6
Concen: 96.974 ng
RT: 7.17 min Scan# 694
Delta R.T. 0.00 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Instrument :
BNA_G
ClientSampleId :
PB130200BL

Tgt Ion: 99 Resp: 1008626

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.0	19.4
71	33.7	27.5	41.3

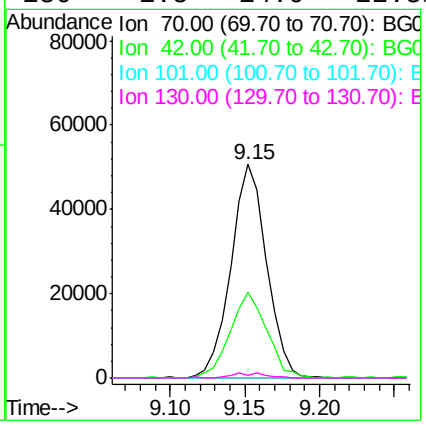


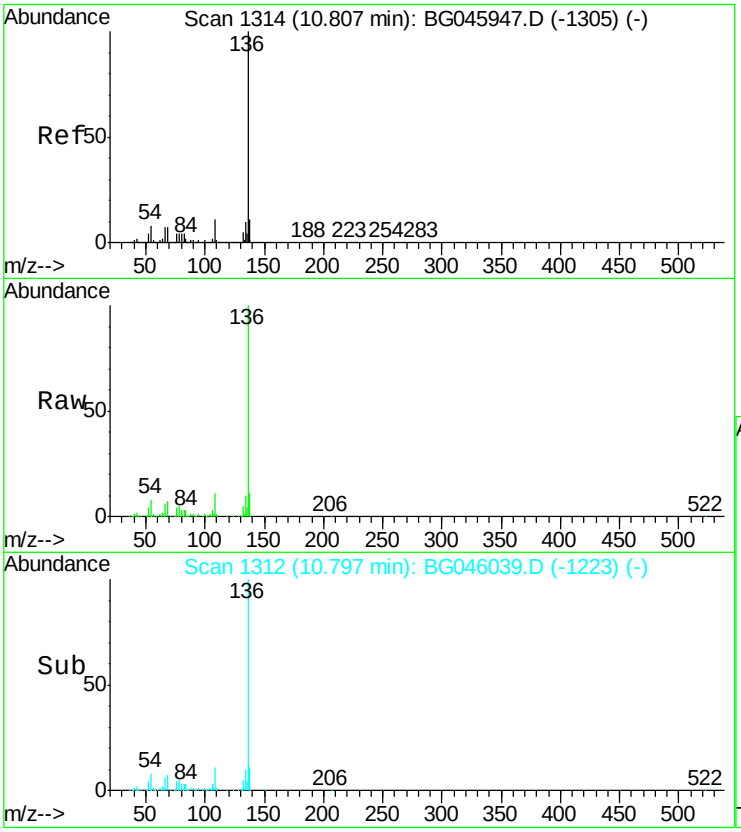


#19
n-Nitroso-di-n-propylamine
Concen: 11.527 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.34 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Tgt Ion: 70 Resp: 84223

Ion	Ratio	Lower	Upper
70	100		
42	39.9	41.4	62.0#
101	0.0	7.1	10.7#
130	1.5	14.9	22.3#



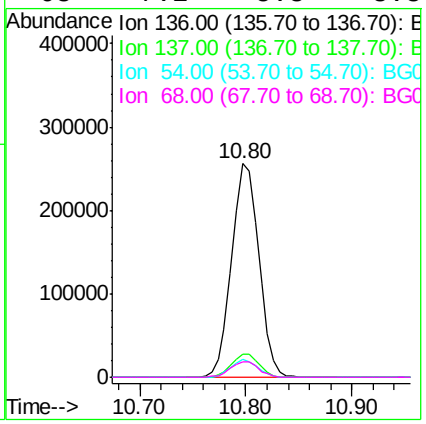


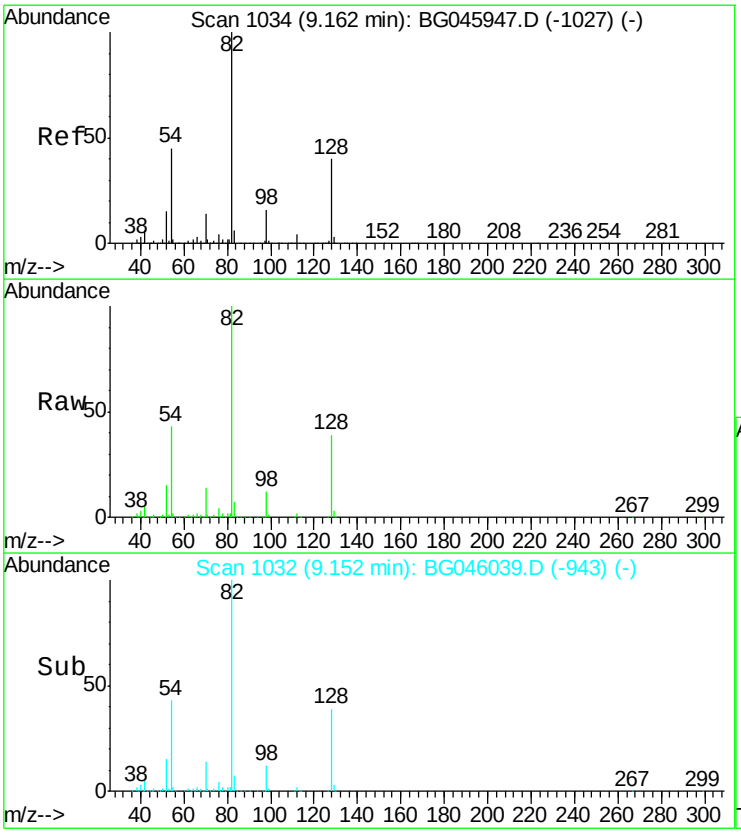
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Instrument :
BNA_G
ClientSampleId :
PB130200BL

Tgt Ion:136 Resp: 456642

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.4	6.2	9.4
68	7.2	5.8	8.8

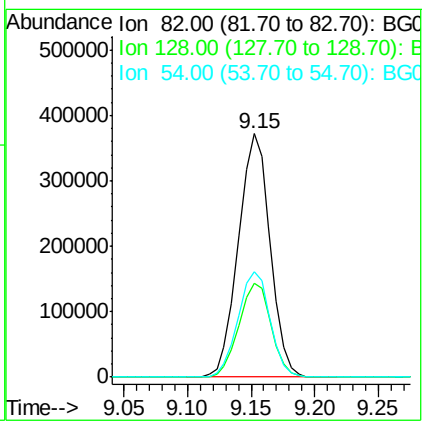


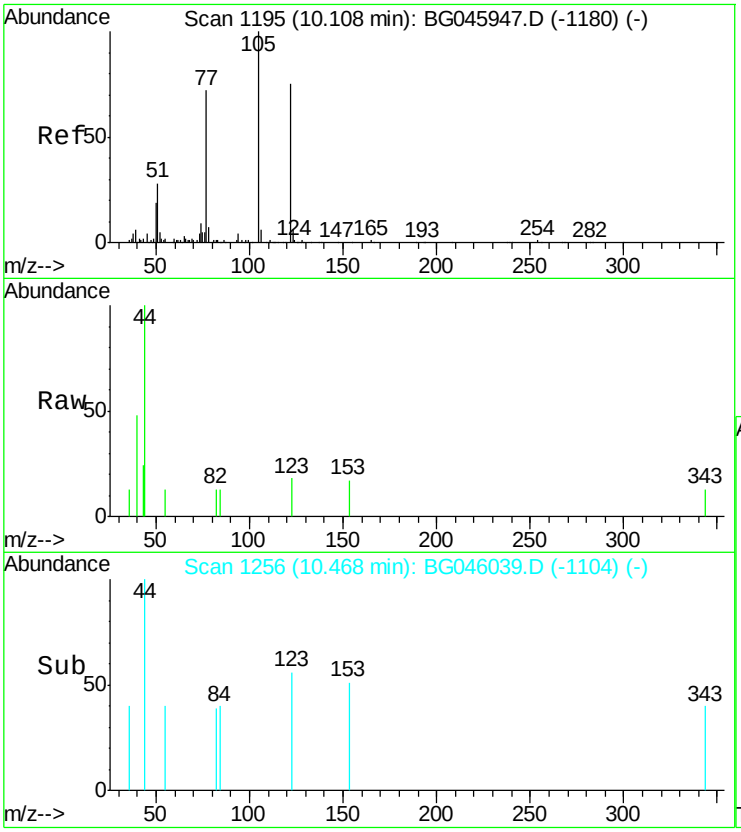


#23
Nitrobenzene-d5
Concen: 81.360 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Tgt Ion: 82 Resp: 645478

Ion	Ratio	Lower	Upper
82	100		
128	38.6	32.2	48.4
54	43.2	35.8	53.6



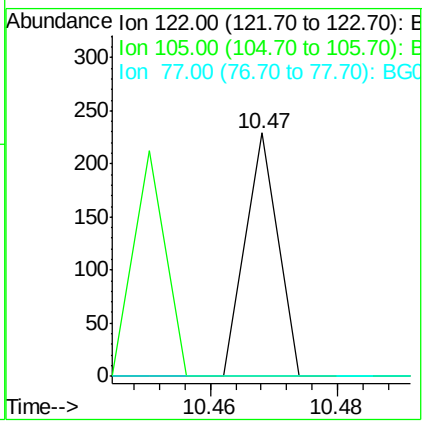


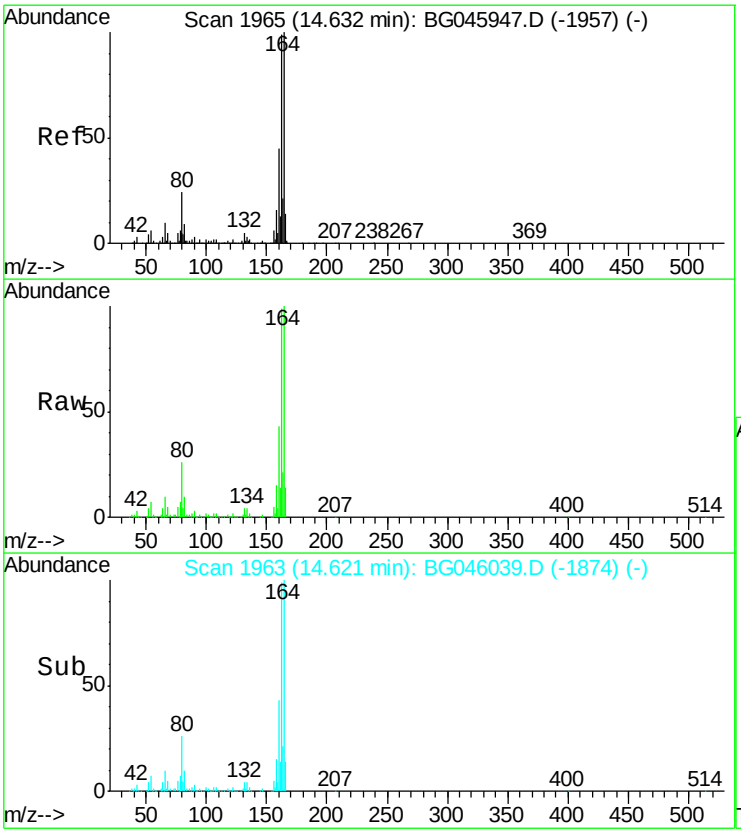
#32
Benzoic acid
Concen: 6.523 ng
RT: 10.47 min Scan# 1256
Delta R.T. 0.37 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Instrument :
BNA_G
ClientSampleId :
PB130200BL

Tgt Ion:122 Resp: 81

Ion	Ratio	Lower	Upper
122	100		
105	0.0	110.8	150.8#
77	0.0	76.4	116.4#

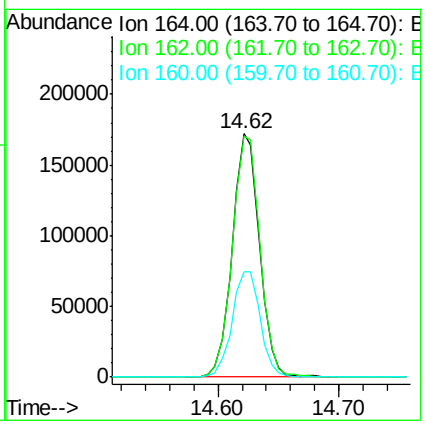


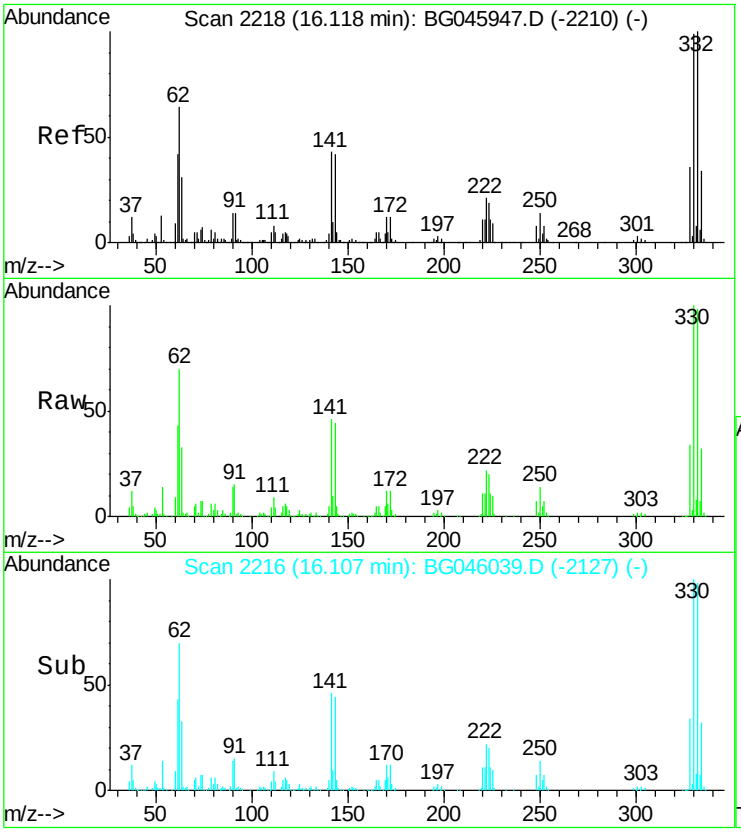


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Tgt Ion:164 Resp: 270128

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.3	118.9
160	43.1	35.7	53.5



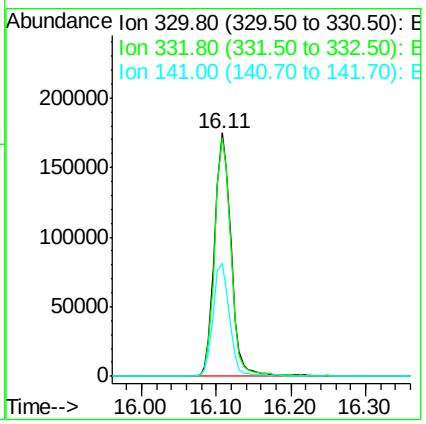


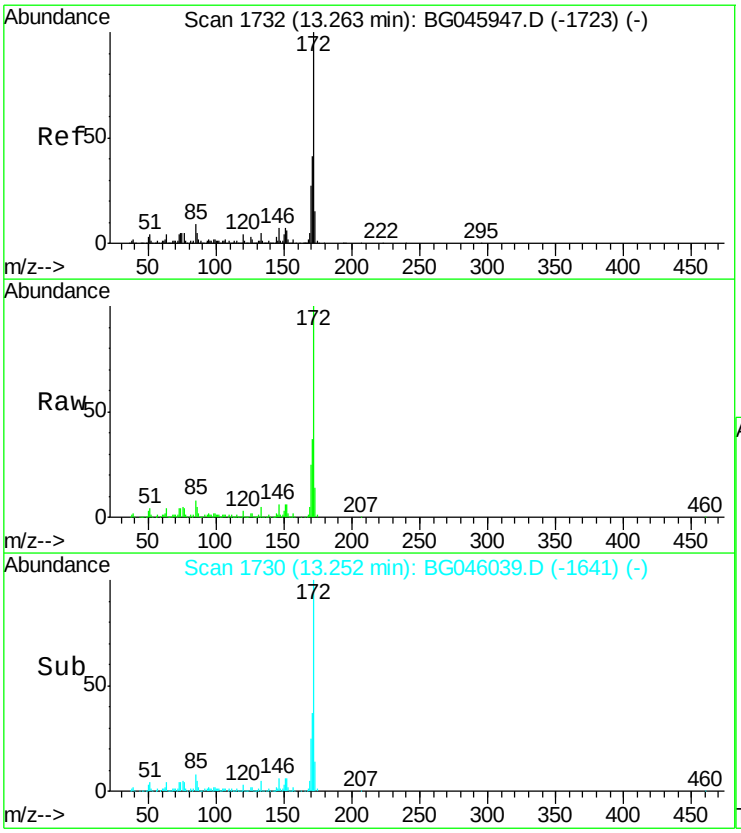
#42
2,4,6-Tribromophenol
Concen: 107.730 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Instrument :
BNA_G
ClientSampleId :
PB130200BL

Tgt Ion:330 Resp: 270086

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.3	117.5
141	45.7	36.6	54.8

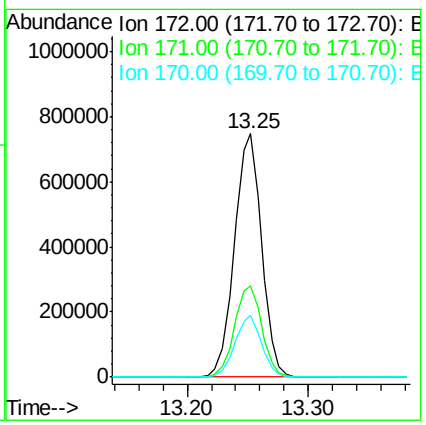


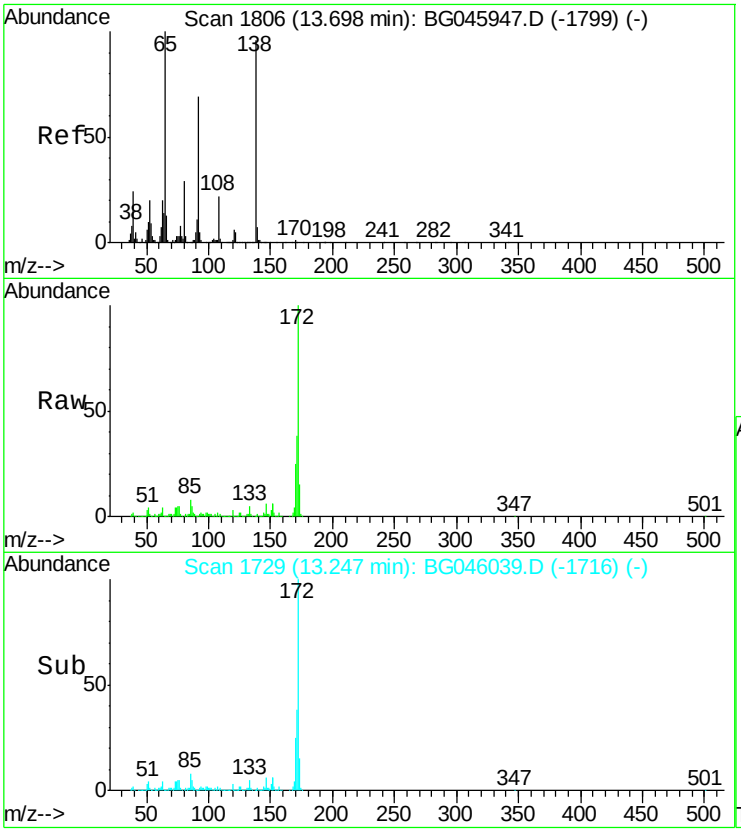


#45
2-Fluorobiphenyl
Concen: 67.499 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Tgt Ion:172 Resp: 1168938

Ion	Ratio	Lower	Upper
172	100		
171	37.4	32.9	49.3
170	25.5	21.8	32.6



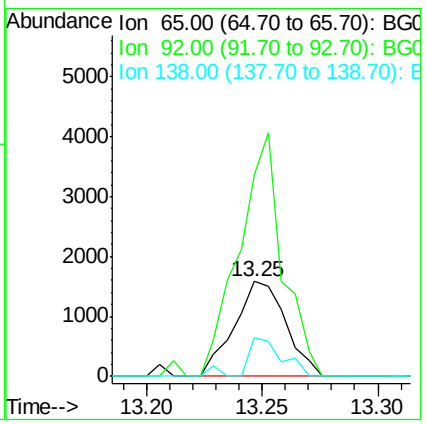


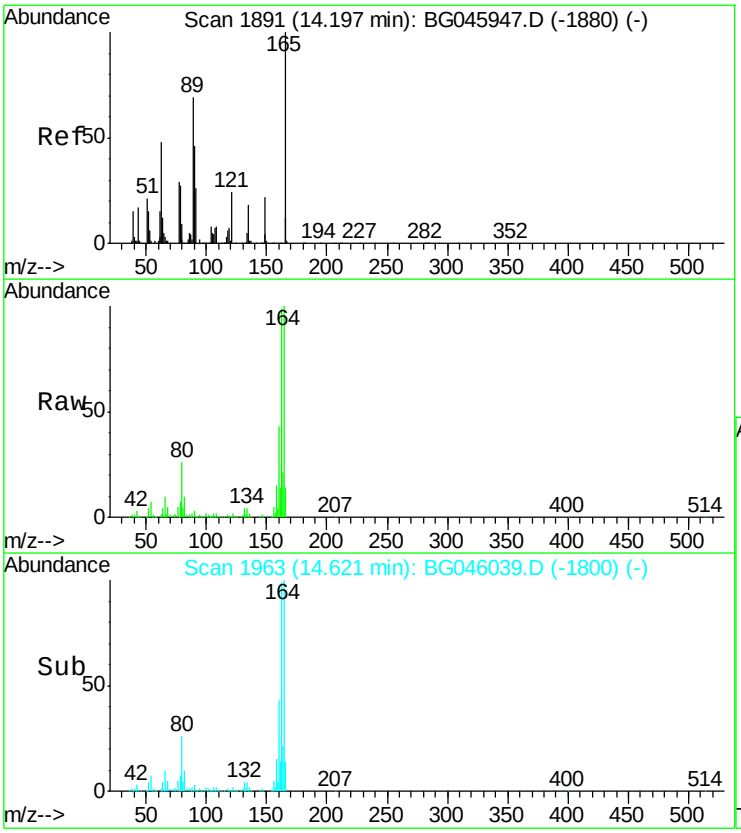
#48
2-Nitroaniline
Concen: 3.880 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.45 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Instrument :
BNA_G
ClientSampleId :
PB130200BL

Tgt Ion: 65 Resp: 2466

Ion	Ratio	Lower	Upper
65	100		
92	212.7	55.4	83.0#
138	41.1	77.0	115.4#

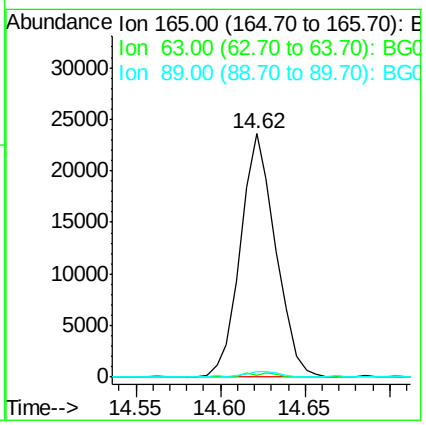


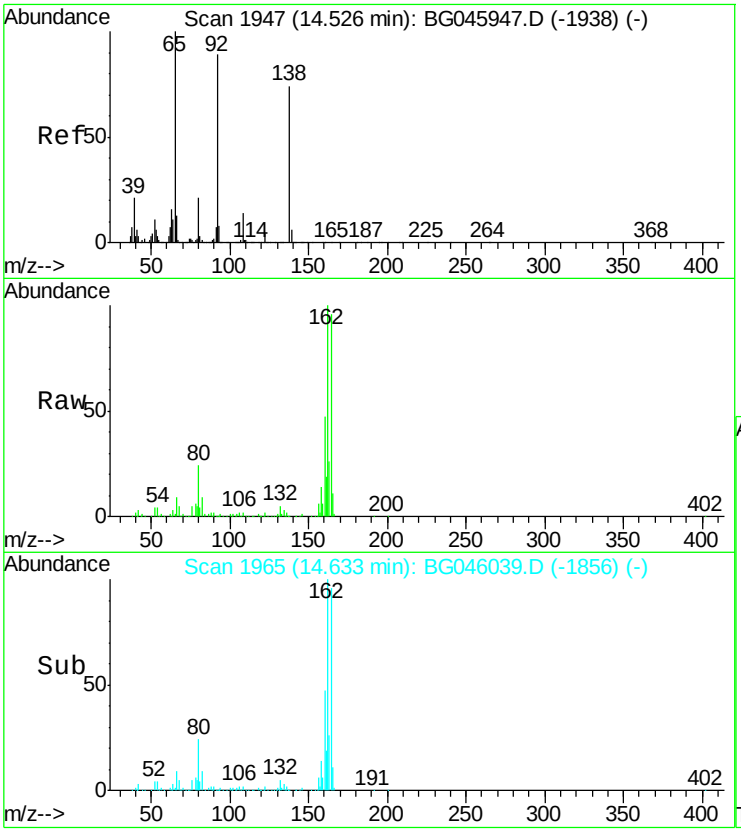


#51
2,6-Dinitrotoluene
Concen: 12.073 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.43 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Tgt Ion:165 Resp: 34123

Ion	Ratio	Lower	Upper
165	100		
63	0.7	51.0	76.4#
89	2.1	55.7	83.5#



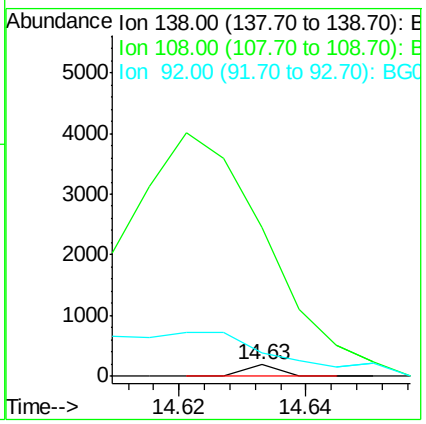


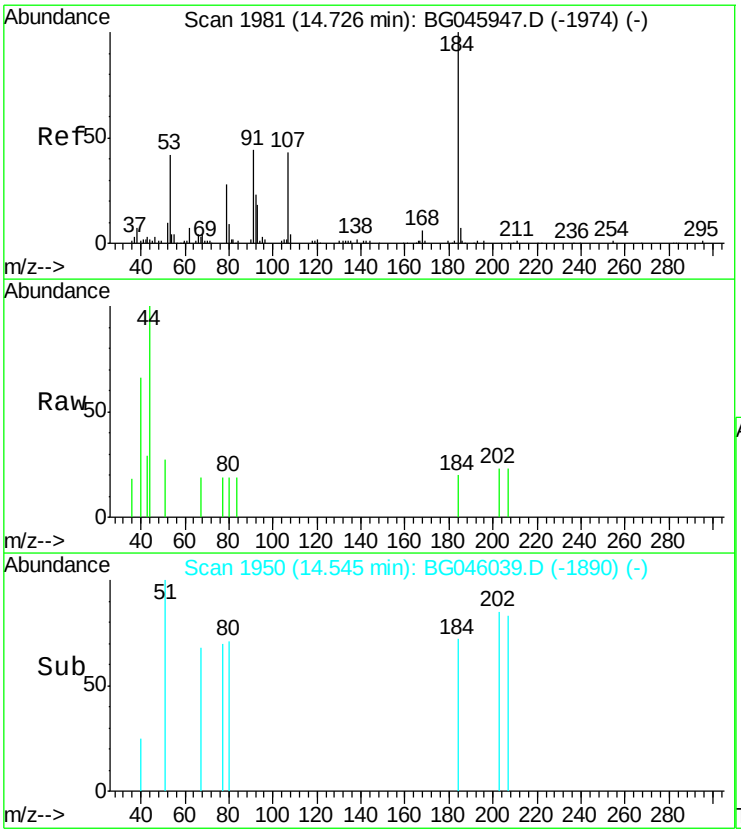
#53
3-Nitroaniline
Concen: 2.998 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.11 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Instrument :
BNA_G
ClientSampleId :
PB130200BL

Tgt Ion:138 Resp: 69

Ion	Ratio	Lower	Upper
138	100		
108	1252.6	15.4	23.2#
92	199.0	95.9	143.9#

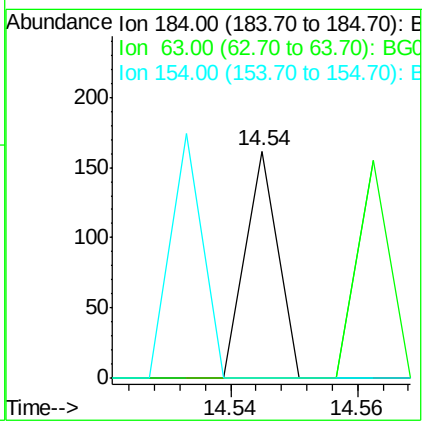


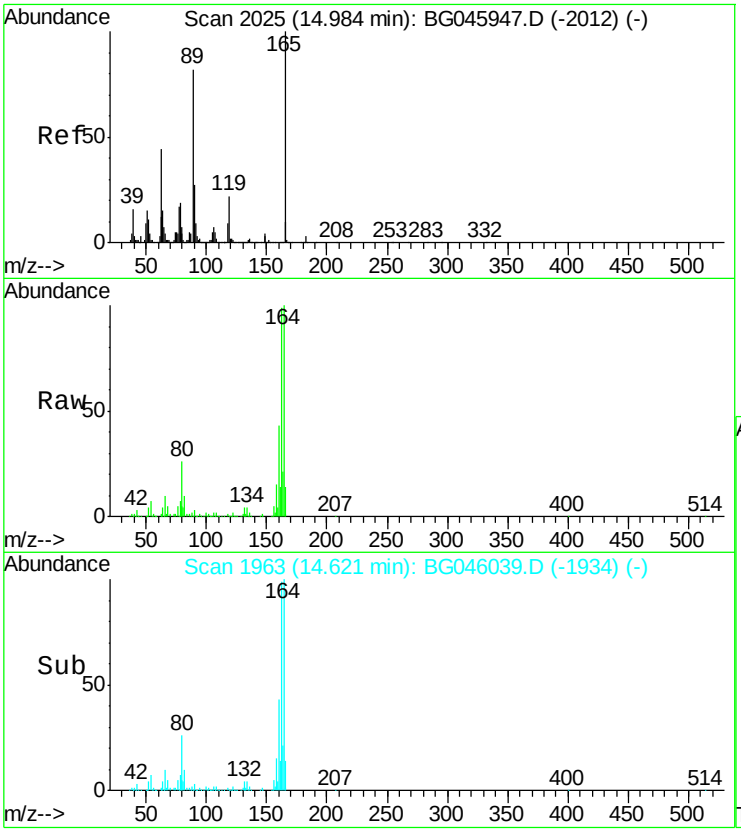


#54
2,4-Dinitrophenol
Concen: 6.149 ng
RT: 14.54 min Scan# 1950
Delta R.T. -0.17 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Tgt Ion:184 Resp: 57

Ion	Ratio	Lower	Upper
184	100		
63	0.0	46.0	69.0#
154	0.0	58.2	87.2#



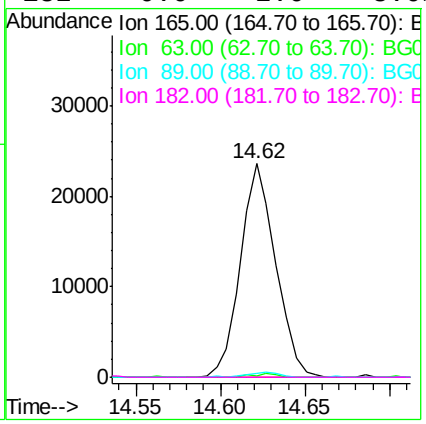


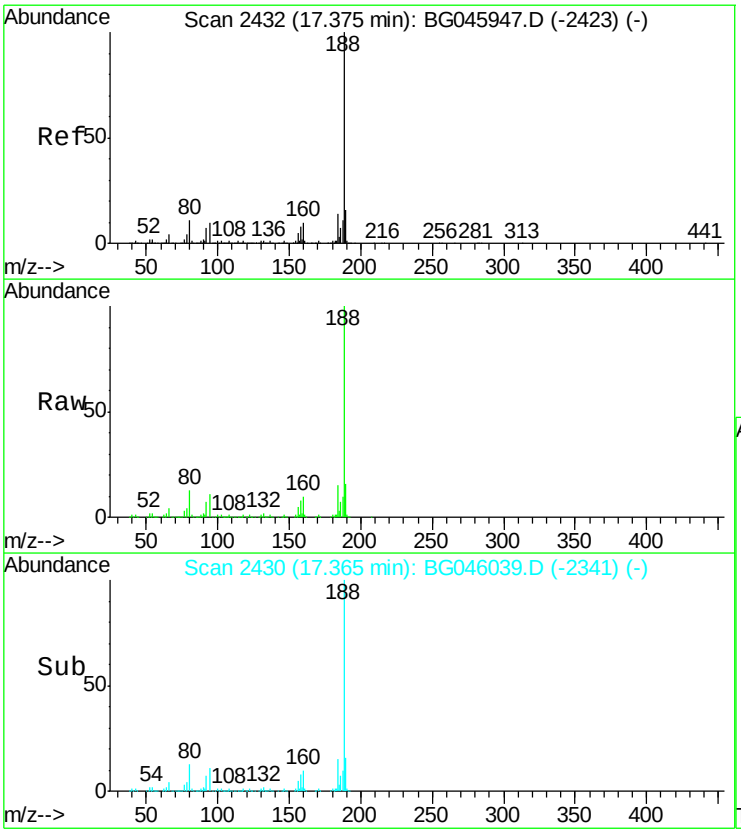
#57
2,4-Dinitrotoluene
Concen: 10.693 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.36 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Instrument :
BNA_G
ClientSampleId :
PB130200BL

Tgt Ion:165 Resp: 34123

Ion	Ratio	Lower	Upper
165	100		
63	0.7	35.4	53.0#
89	2.1	65.4	98.2#
182	0.0	2.0	3.0#

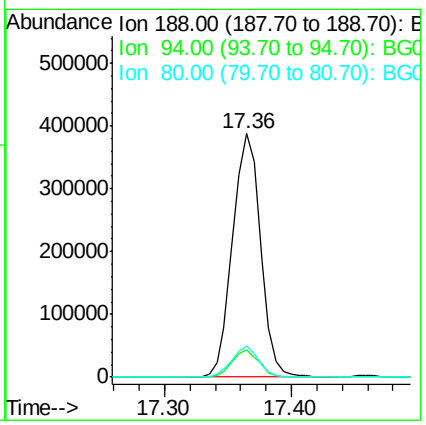


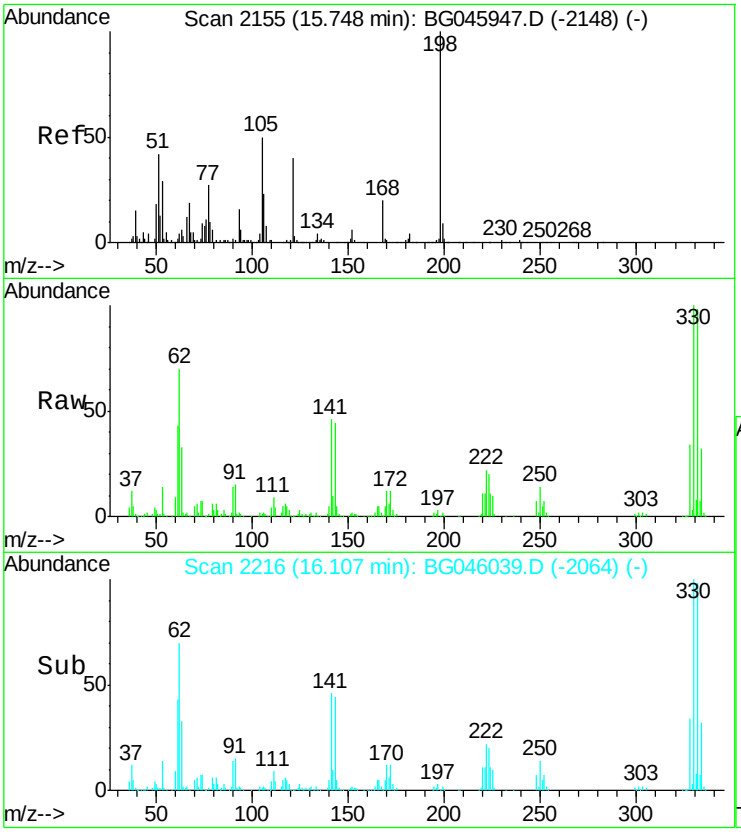


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Tgt Ion:188 Resp: 589533

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.2	12.4
80	12.8	9.0	13.6



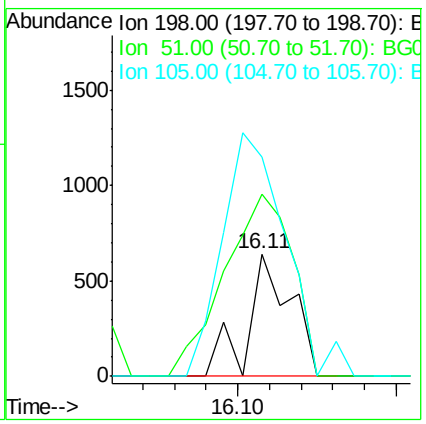


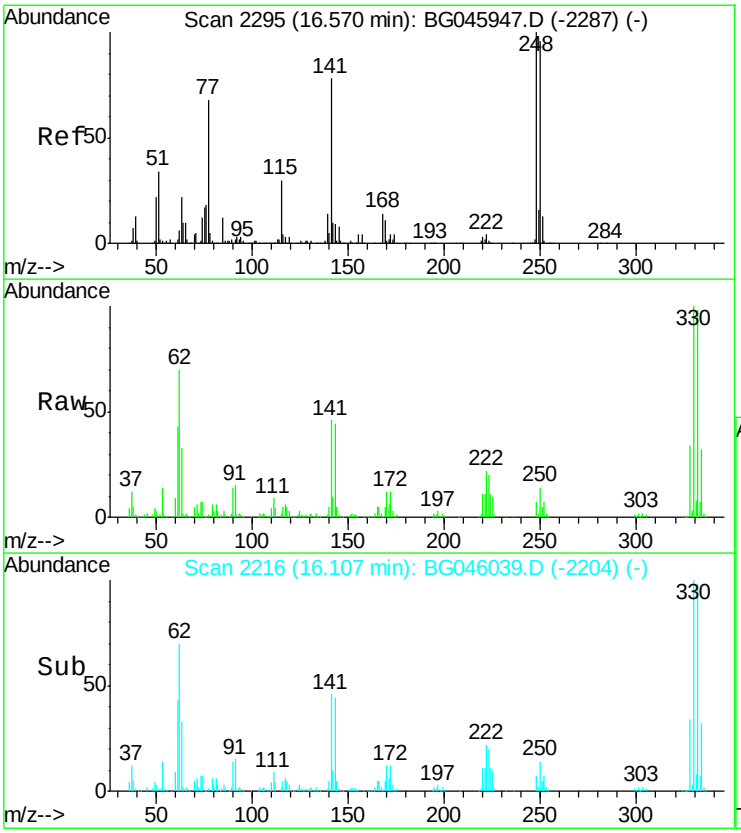
#65
4,6-Dinitro-2-methylphenol
Concen: 7.048 ng
RT: 16.11 min Scan# 2216
Delta R.T. 0.37 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Instrument :
BNA_G
ClientSampleId :
PB130200BL

Tgt Ion:198 Resp: 609

Ion	Ratio	Lower	Upper
198	100		
51	148.8	24.5	64.5#
105	179.0	30.9	70.9#

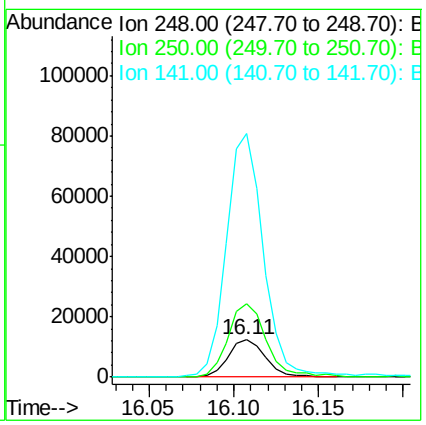


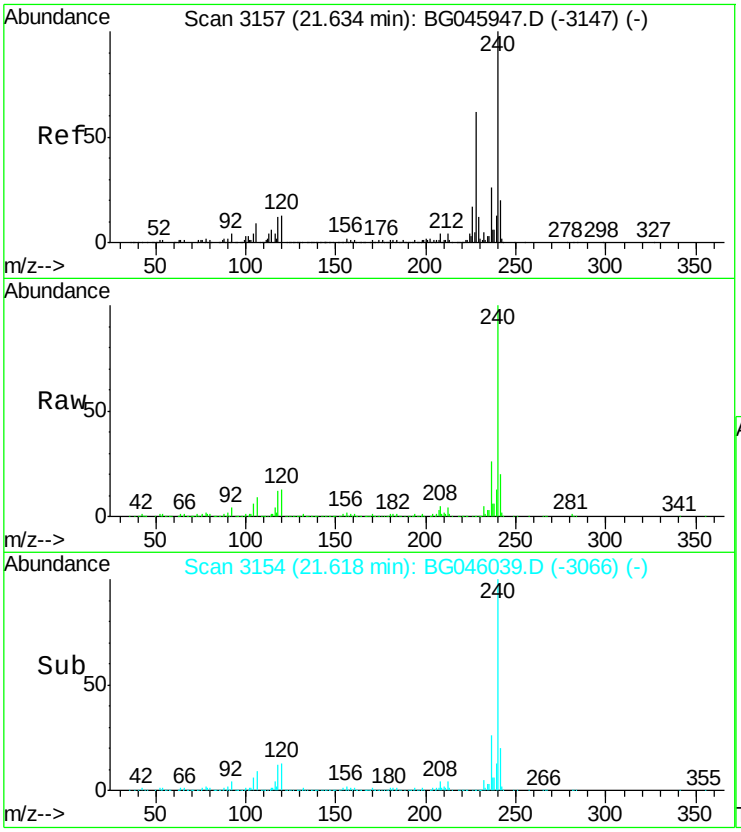


#67
4-Bromophenyl-phenylether
Concen: 2.852 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.46 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Tgt Ion:248 Resp: 18776

Ion	Ratio	Lower	Upper
248	100		
250	196.0	76.6	114.8#
141	654.7	62.7	94.1#



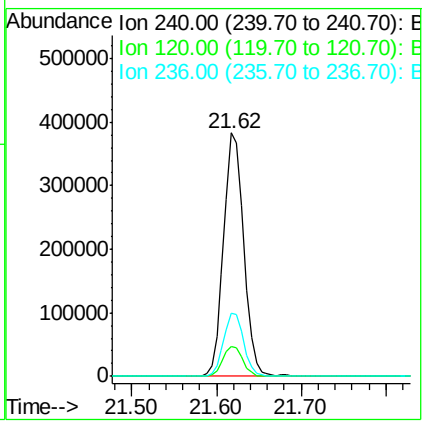


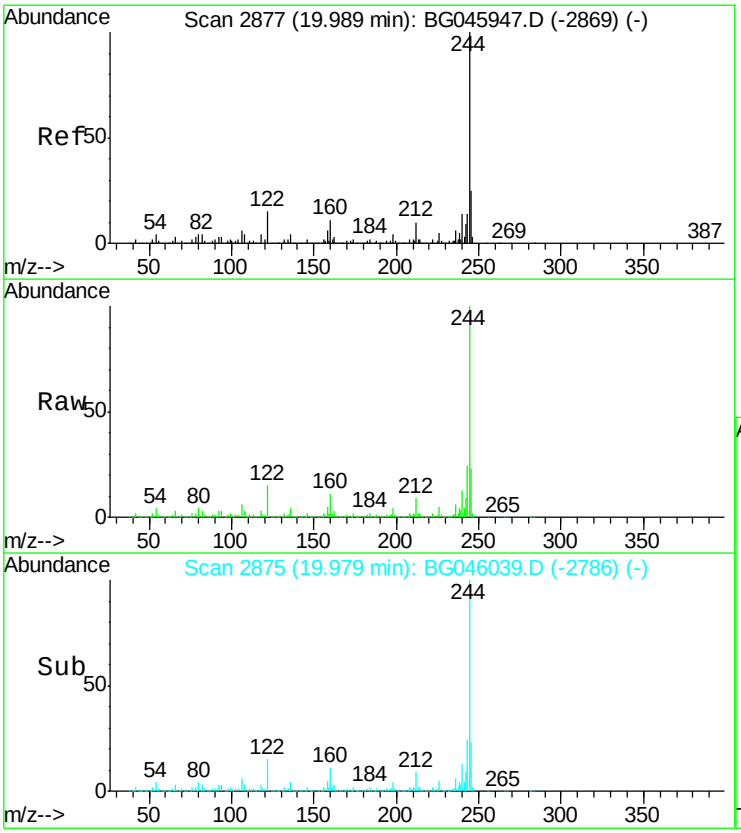
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Instrument :
BNA_G
ClientSampleId :
PB130200BL

Tgt Ion:240 Resp: 631094

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.6	16.0
236	26.2	20.4	30.6

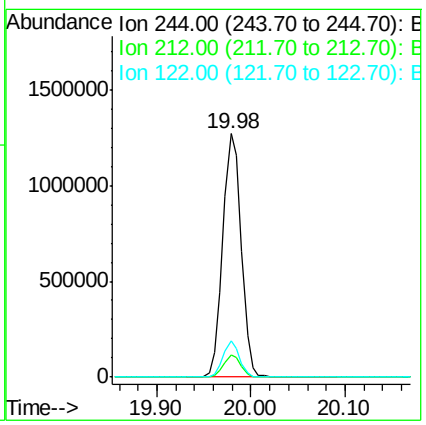


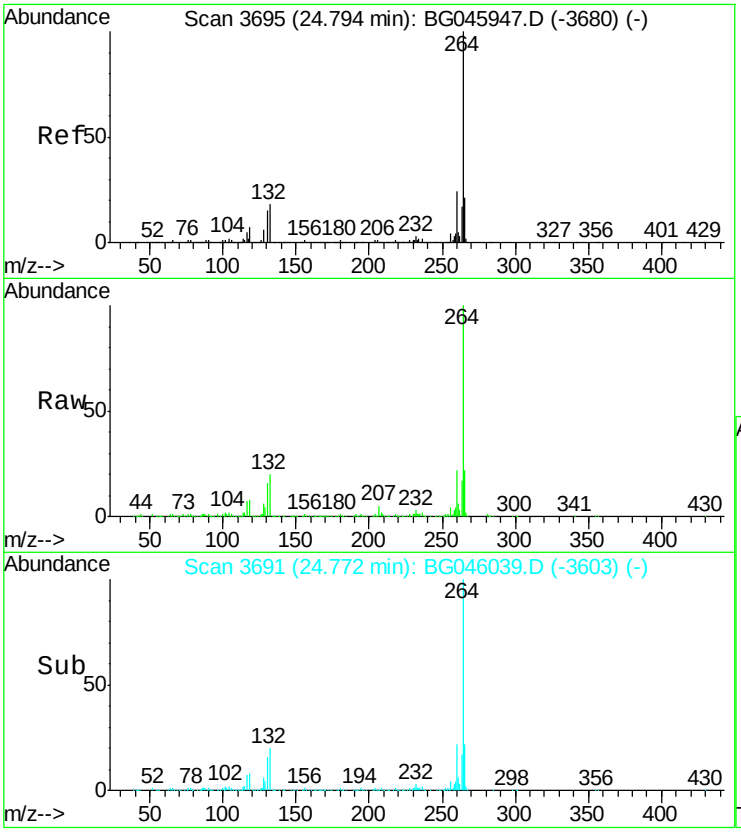


#79
Terphenyl-d14
Concen: 61.311 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Tgt Ion:244 Resp: 1738606

Ion	Ratio	Lower	Upper
244	100		
212	9.3	8.3	12.5
122	14.7	12.1	18.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Instrument :
BNA_G
ClientSampleId :
PB130200BL

Tgt Ion:264 Resp: 610332

Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.0	28.6
265	21.8	16.9	25.3