Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071320\
Data File : BG046021.D
Acq On : 13 Jul 2020 13:55
Operator : CG/JU
Sample : PB130142BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB130142BL

Quant Time: Jul 13 14:44:18 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	144653	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	576988	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	348368	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	753713	20.00	ng	0.00
76) Chrysene-d12	21.62	240	681411	20.00	ng	0.00
86) Perylene-d12	24.78	264	671629	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1227559	137.62	ng	0.00
7) Phenol-d6	7.17	99	1747765	136.09	ng	0.00
23) Nitrobenzene-d5	9.16	82	1073576	107.10	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	493143	152.52	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1983436	88.81	ng	0.00
79) Terphenyl-d14	19.98	244	2694505	88.00	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.16	70	145200	16.094	ng	# 80
32) Benzoic acid	10.17	122	76	6.519	ng	# 1
48) 2-Nitroaniline	13.26	65	4421	4.079	ng	# 2
51) 2,6-Dinitrotoluene	14.63	165	47073	12.683	ng	# 19
53) 3-Nitroaniline	14.44	138	67	2.994	ng	# 1
54) 2,4-Dinitrophenol	15.06	184	57	6.141	ng	# 17
57) 2,4-Dinitrotoluene	14.63	165	47073	11.161	ng	# 21
65) 4,6-Dinitro-2-methylphenol	16.11	198	2129	7.495	ng	# 1
67) 4-Bromophenyl-phenylether	16.11	248	35294	4.193	ng	# 1
77) Benzidine	19.98	184	58678	3.012	ng	# 93

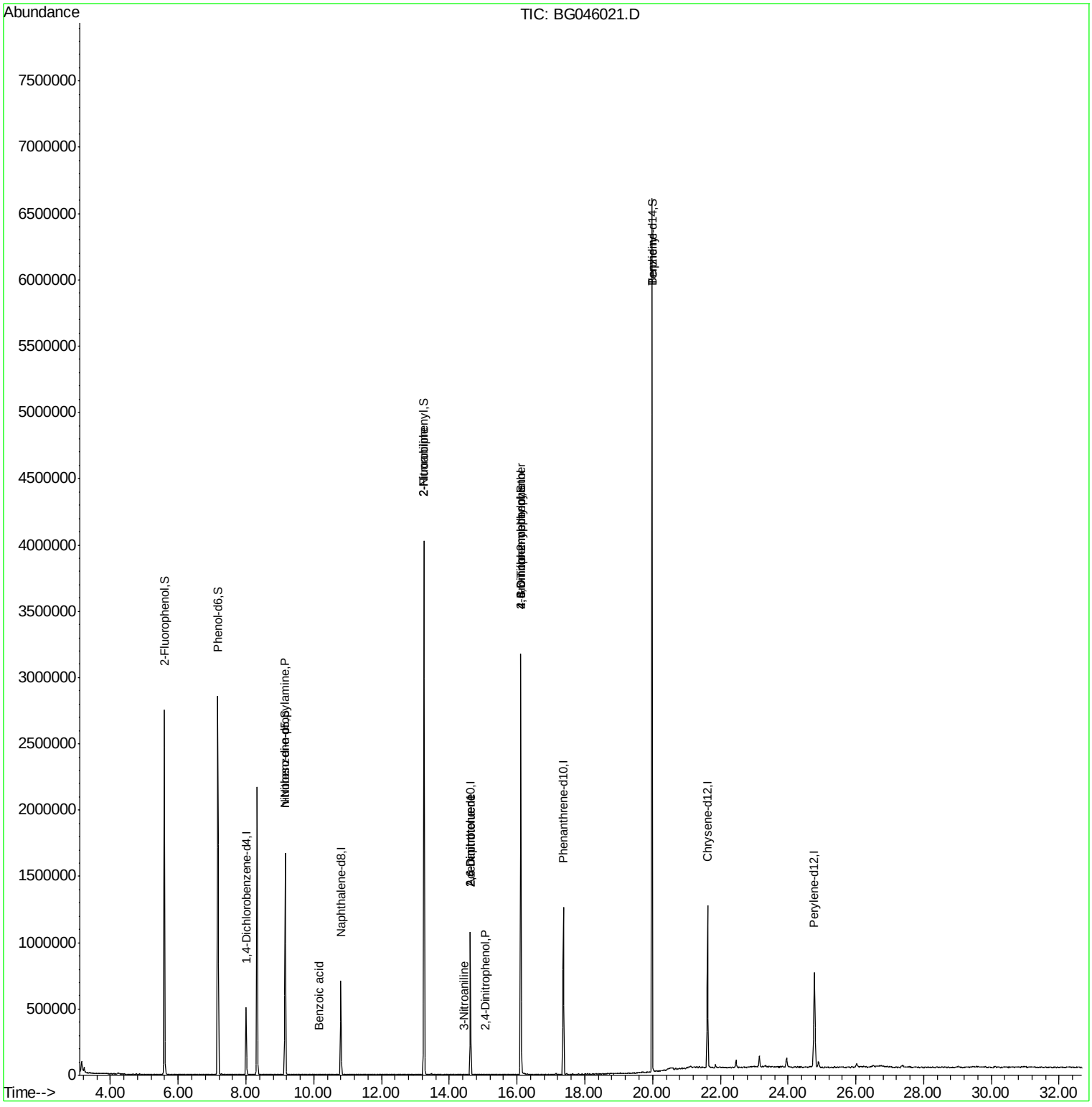
(#) = qualifier out of range (m) = manual integration (+) = signals summed

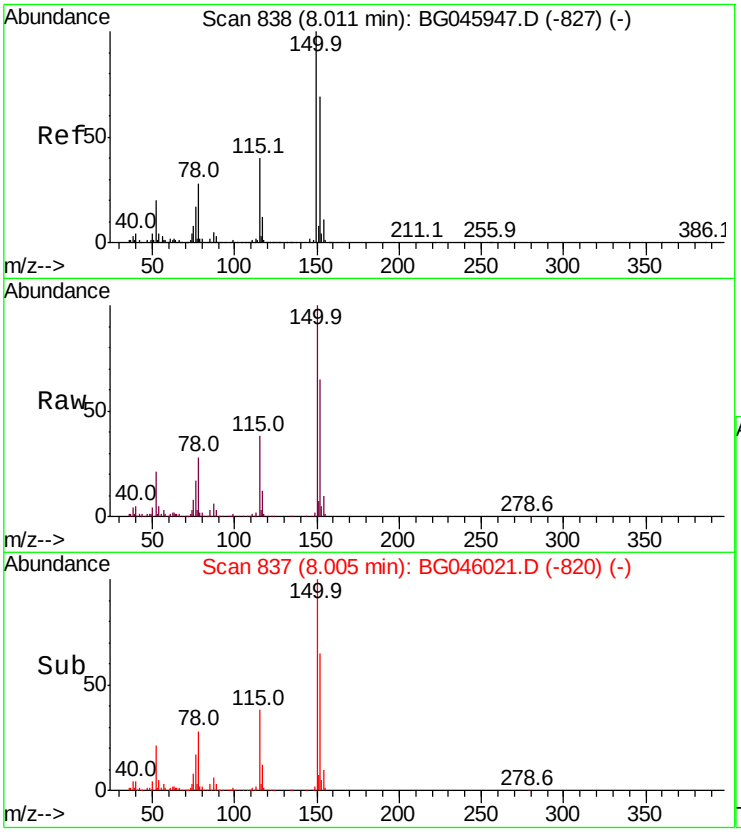
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071320\
Data File : BG046021.D
Acq On : 13 Jul 2020 13:55
Operator : CG/JU
Sample : PB130142BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB130142BL

Quant Time: Jul 13 14:44:18 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



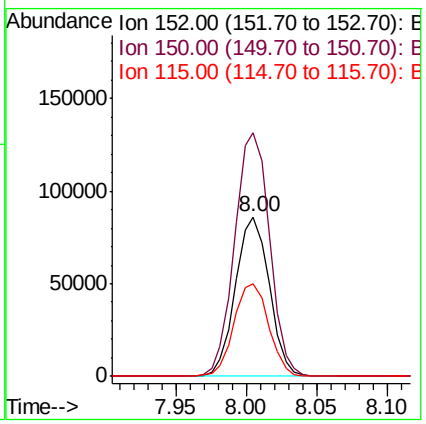


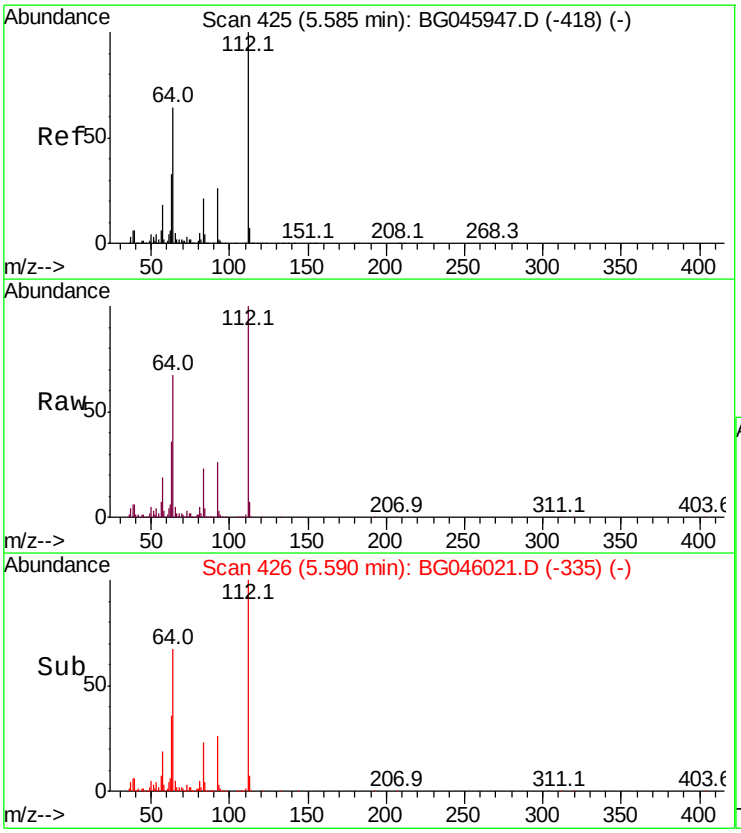
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Instrument :
BNA_G
ClientSampleId :
PB130142BL

Tgt Ion:152 Resp: 144653

Ion	Ratio	Lower	Upper
152	100		
150	152.9	116.7	175.1
115	58.1	47.4	71.0

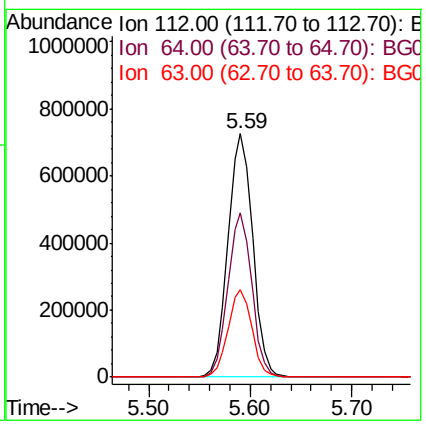


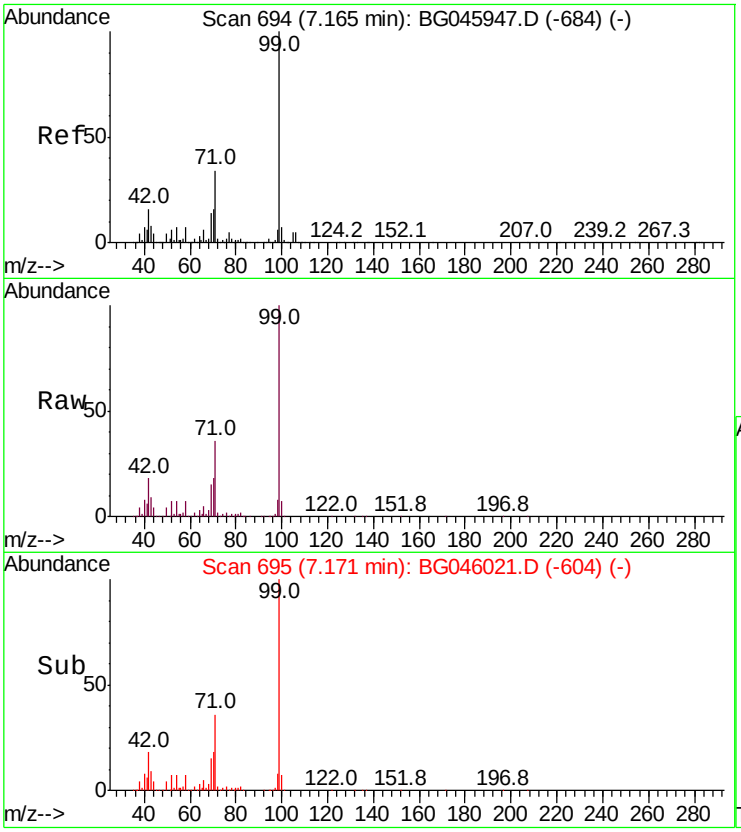


#5
2-Fluorophenol
Concen: 137.618 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.01 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Tgt Ion:112 Resp: 1227559

Ion	Ratio	Lower	Upper
112	100		
64	67.3	51.4	77.2
63	36.0	26.6	40.0



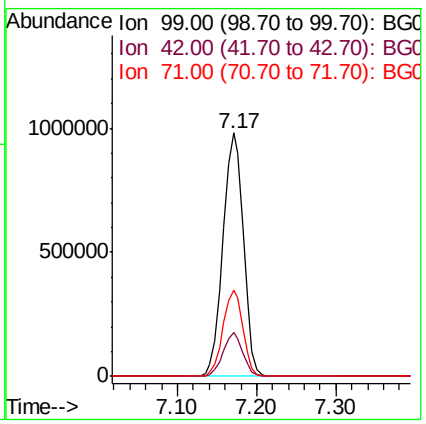


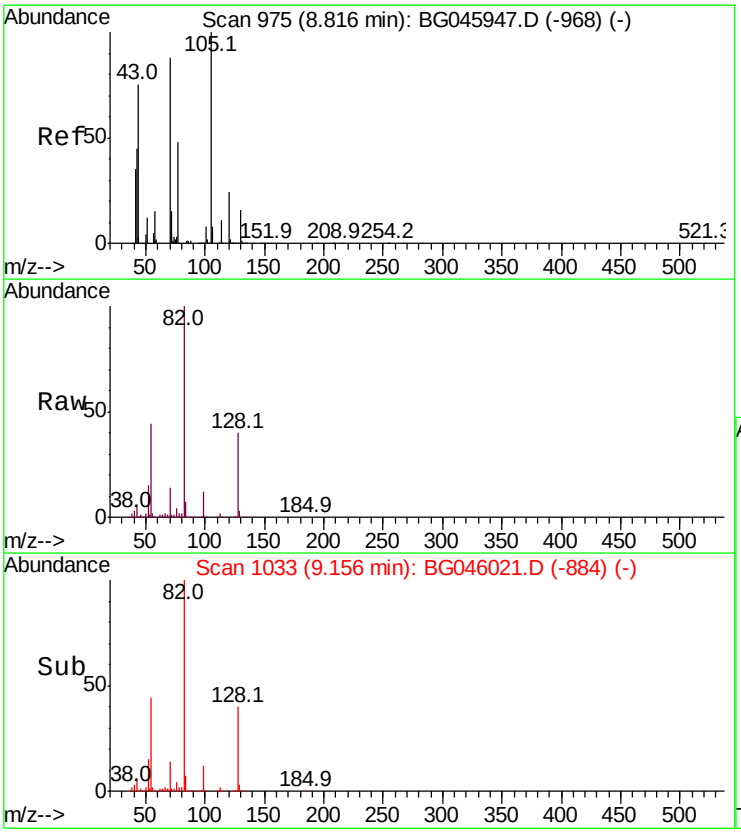
#7
Phenol-d6
Concen: 136.095 ng
RT: 7.17 min Scan# 695
Delta R.T. 0.01 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Instrument :
BNA_G
ClientSampleId :
PB130142BL

Tgt Ion: 99 Resp: 1747765

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.0	19.4
71	35.5	27.5	41.3

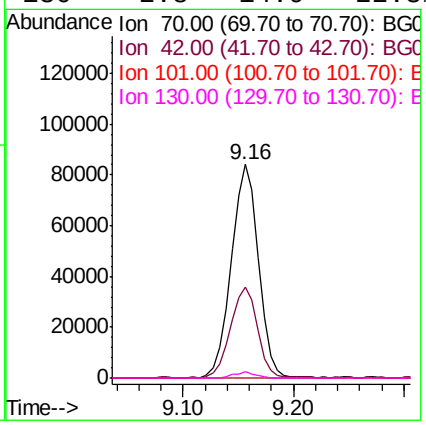


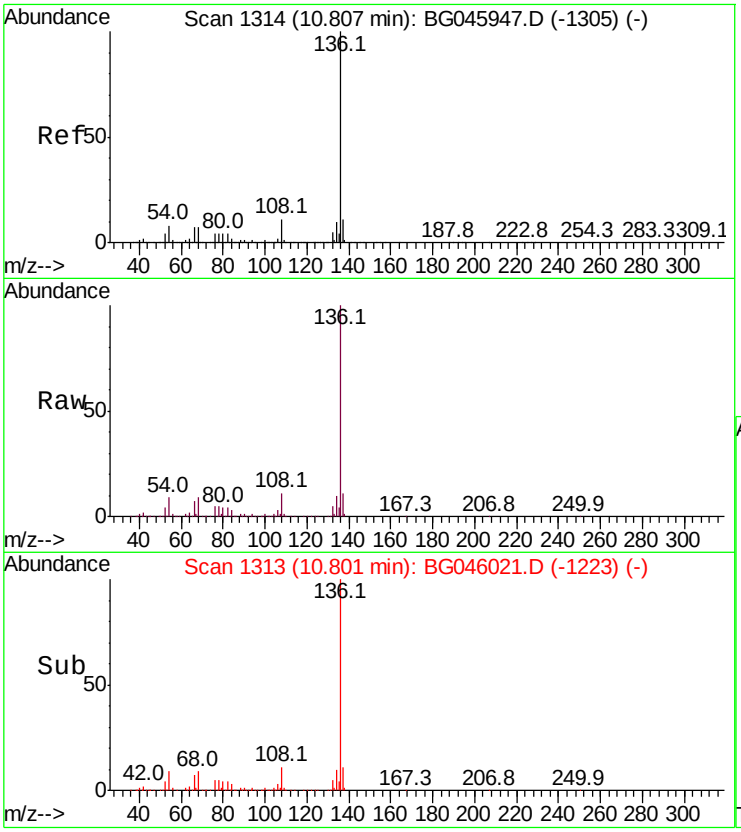


#19
n-Nitroso-di-n-propylamine
Concen: 16.094 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.35 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Tgt Ion: 70 Resp: 145200

Ion	Ratio	Lower	Upper
70	100		
42	42.5	41.4	62.0
101	0.0	7.1	10.7#
130	2.8	14.9	22.3#



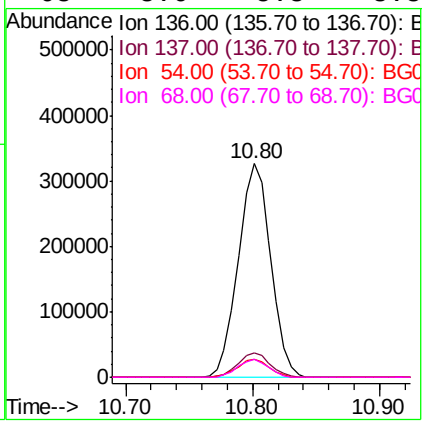


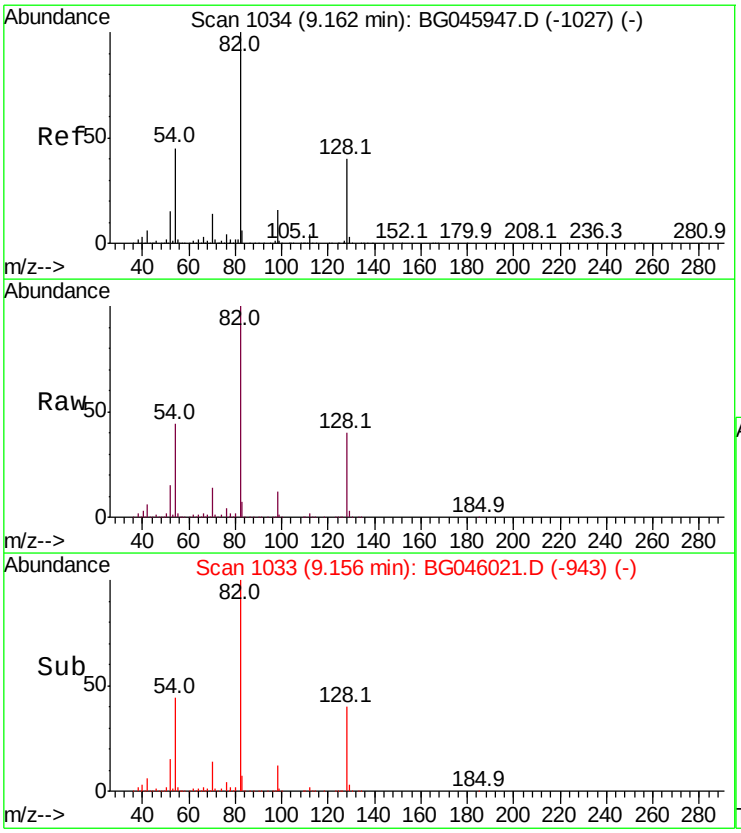
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Instrument :
BNA_G
ClientSampleId :
PB130142BL

Tgt Ion:136 Resp: 576988

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	8.6	6.2	9.4
68	8.6	5.8	8.8

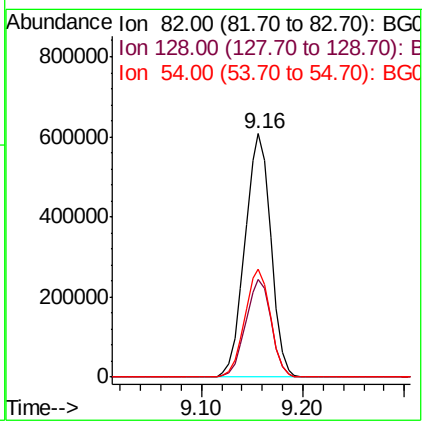


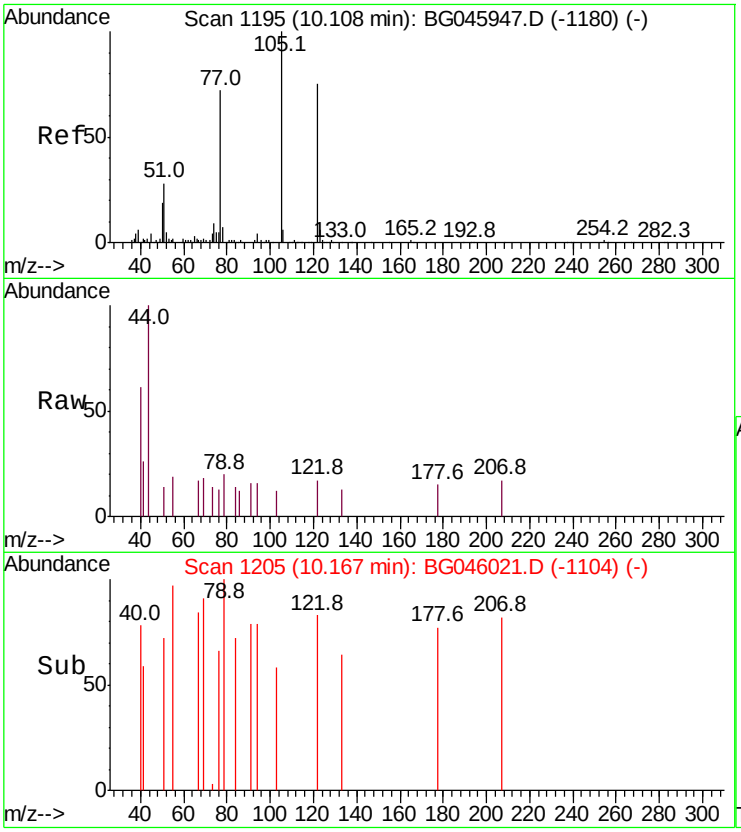


#23
Nitrobenzene-d5
Concen: 107.095 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Tgt Ion: 82 Resp: 1073576

Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.2	48.4
54	44.2	35.8	53.6



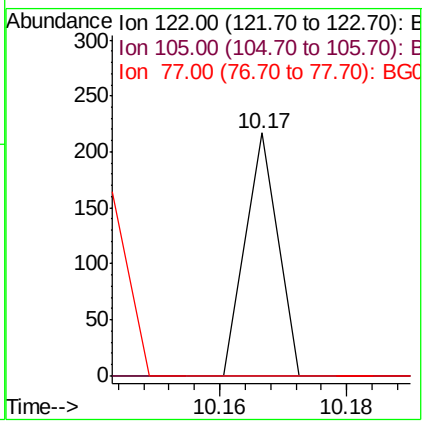


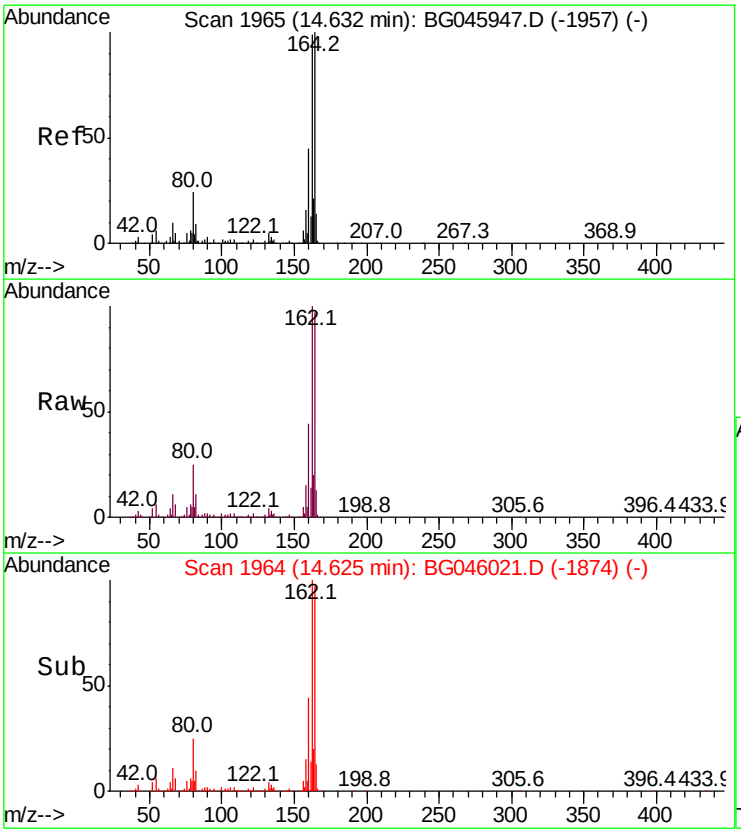
#32
Benzoic acid
Concen: 6.519 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.06 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Instrument :
BNA_G
ClientSampleId :
PB130142BL

Tgt Ion:122 Resp: 76

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

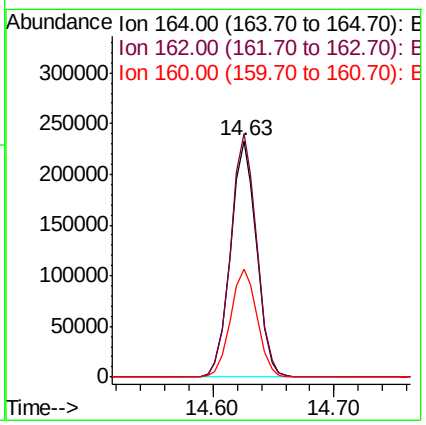


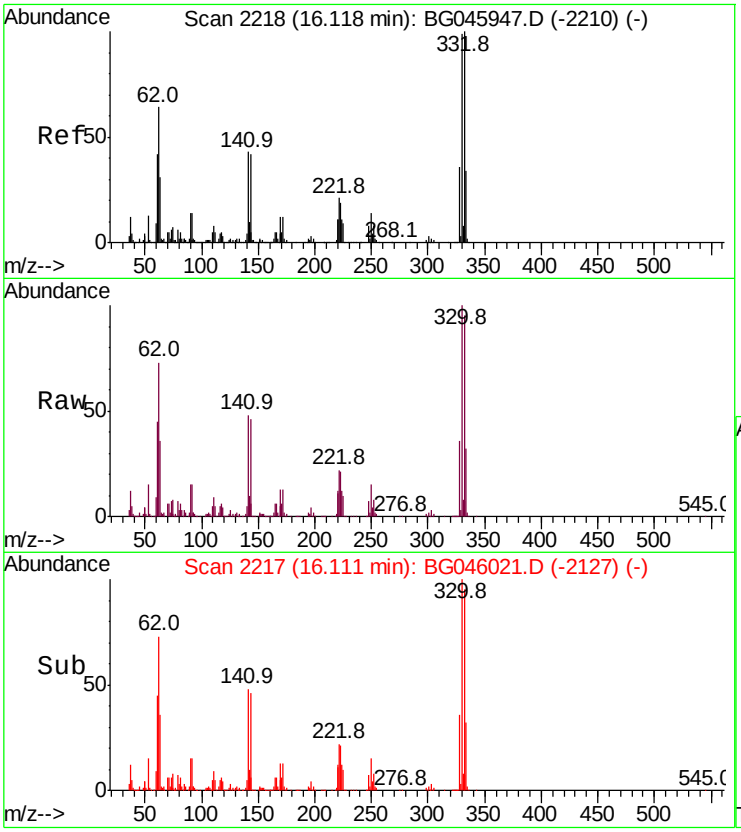


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Tgt Ion:164 Resp: 348368

Ion	Ratio	Lower	Upper
164	100		
162	103.1	79.3	118.9
160	45.5	35.7	53.5



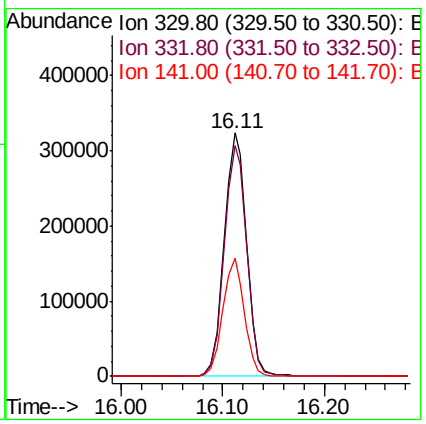


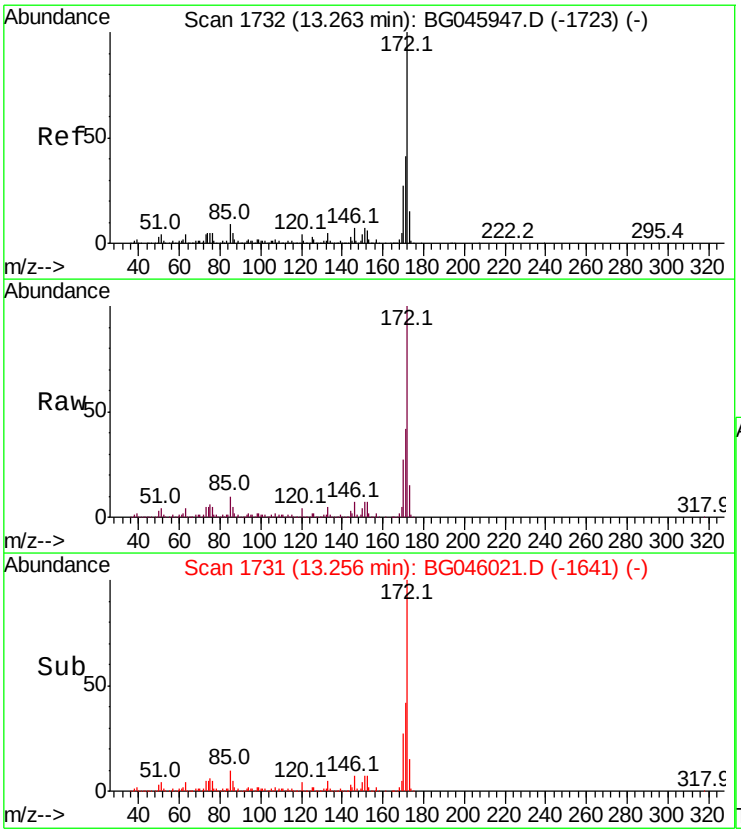
#42
2,4,6-Tribromophenol
Concen: 152.524 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Instrument :
BNA_G
ClientSampleId :
PB130142BL

Tgt Ion:330 Resp: 493143

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.3	117.5
141	46.5	36.6	54.8

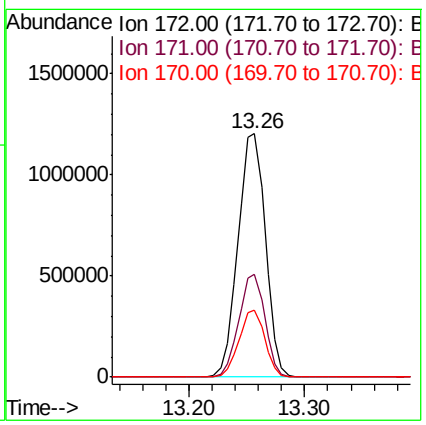


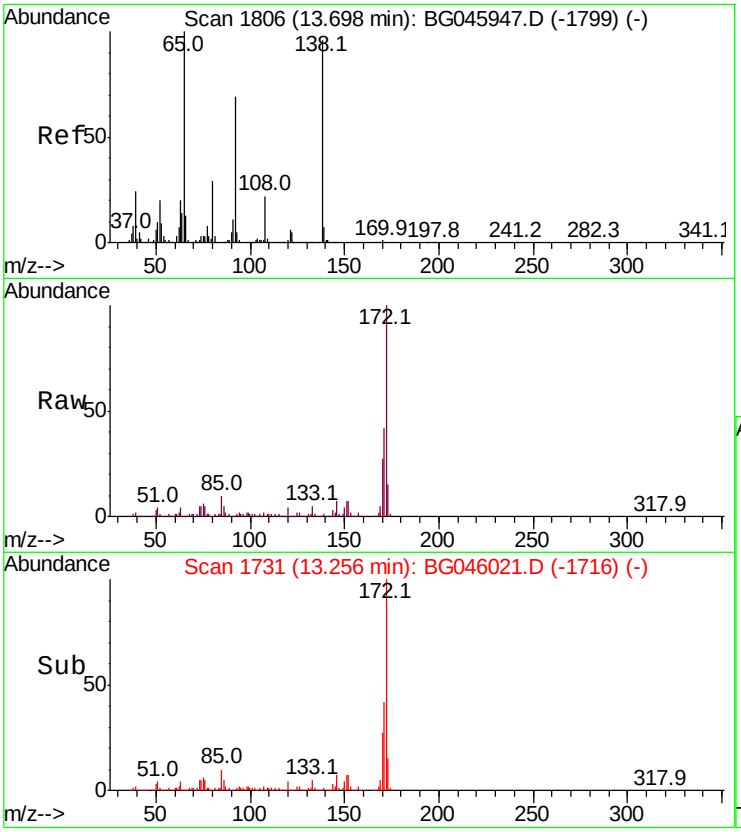


#45
2-Fluorobiphenyl
Concen: 88.809 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Tgt Ion:172 Resp: 1983436

Ion	Ratio	Lower	Upper
172	100		
171	42.3	32.9	49.3
170	27.3	21.8	32.6



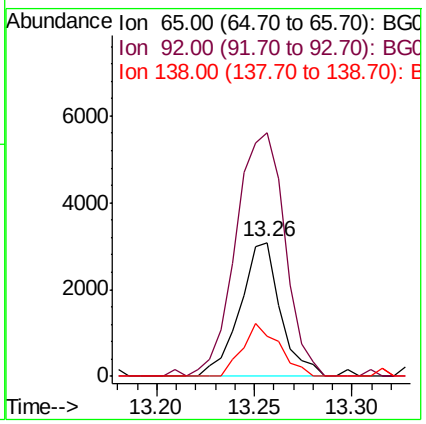


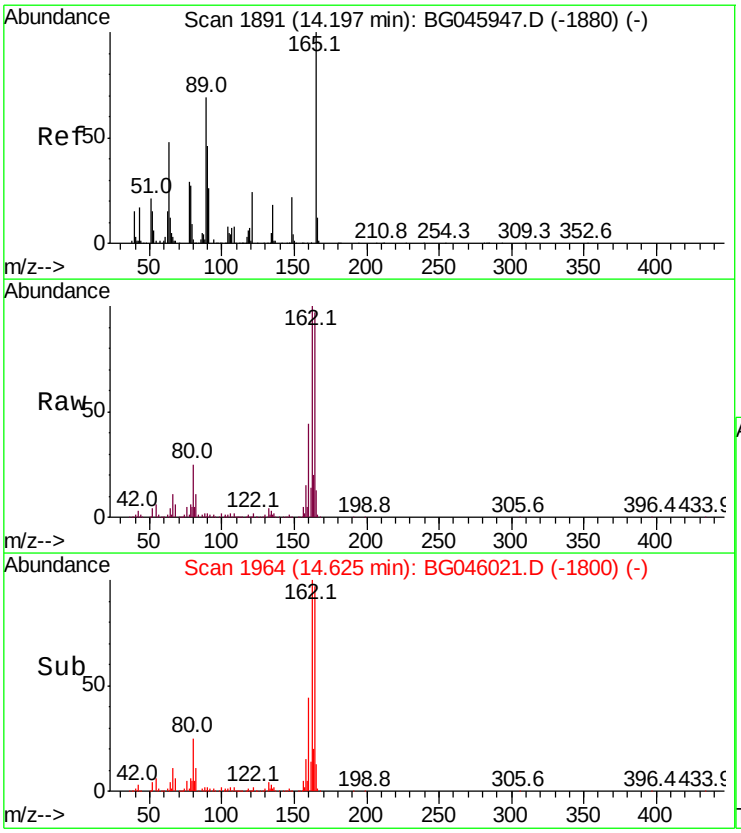
#48
2-Nitroaniline
Concen: 4.079 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.44 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Instrument :
BNA_G
ClientSampleId :
PB130142BL

Tgt Ion: 65 Resp: 4421

Ion	Ratio	Lower	Upper
65	100		
92	182.1	55.4	83.0#
138	29.6	77.0	115.4#

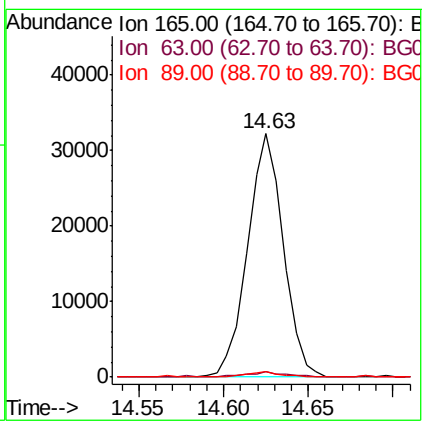


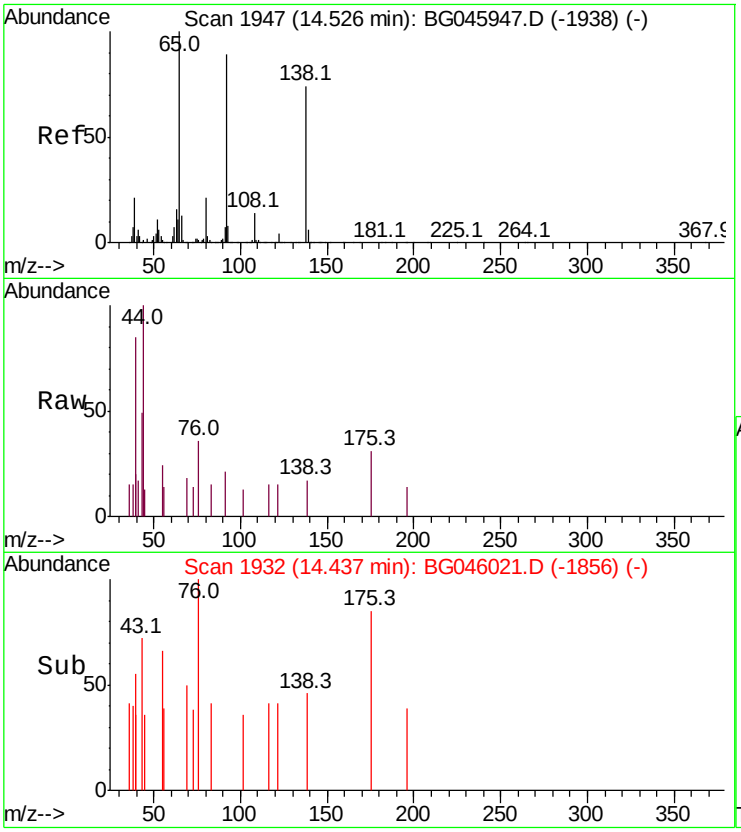


#51
2,6-Dinitrotoluene
Concen: 12.683 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.43 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Tgt Ion:165 Resp: 47073

Ion	Ratio	Lower	Upper
165	100		
63	2.0	51.0	76.4#
89	2.3	55.7	83.5#



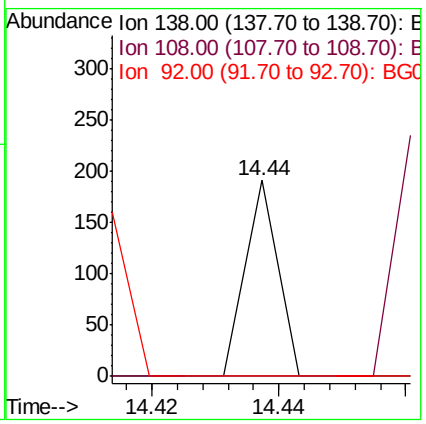


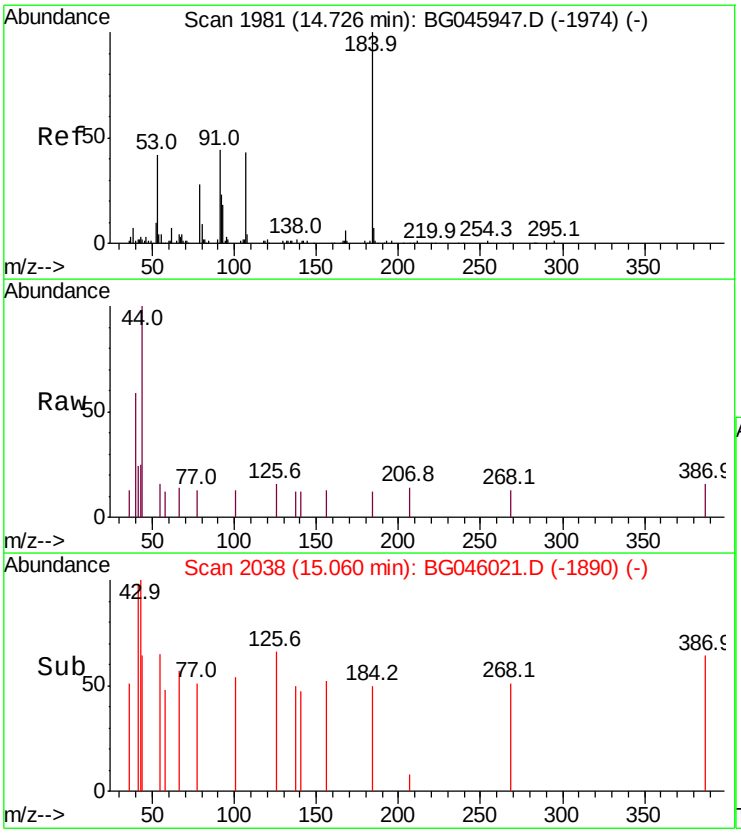
#53
3-Nitroaniline
Concen: 2.994 ng
RT: 14.44 min Scan# 1932
Delta R.T. -0.08 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Instrument :
BNA_G
ClientSampleId :
PB130142BL

Tgt Ion:138 Resp: 67

Ion	Ratio	Lower	Upper
138	100		
108	0.0	15.4	23.2#
92	0.0	95.9	143.9#

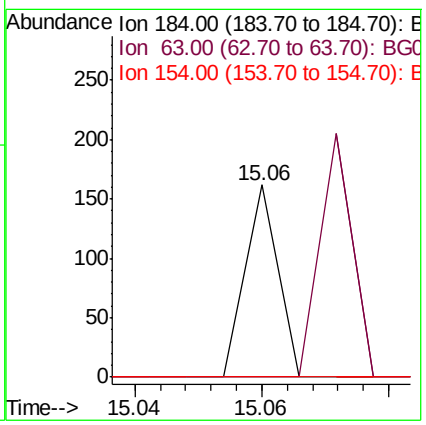


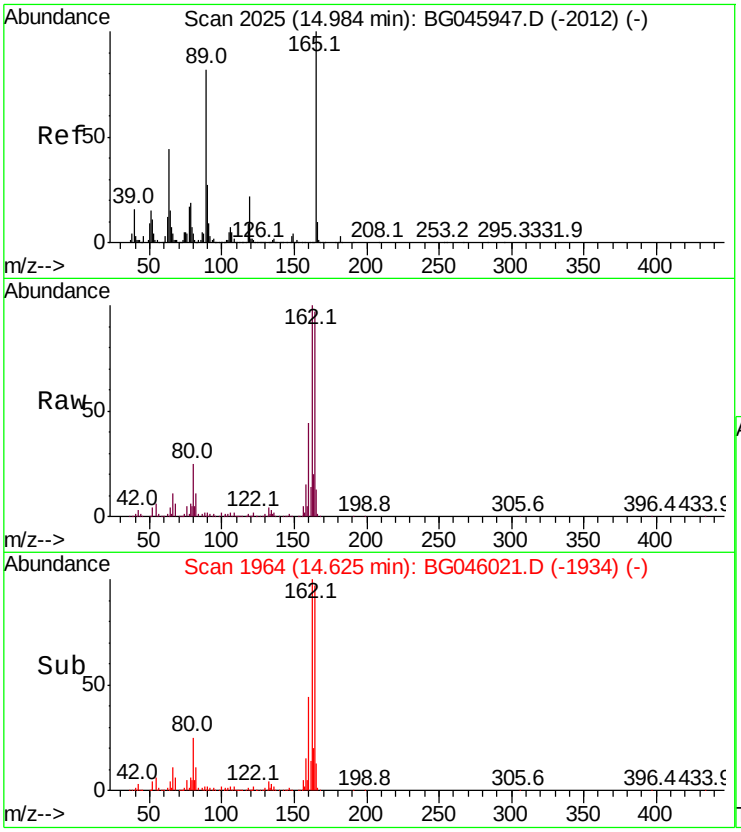


#54
2,4-Dinitrophenol
Concen: 6.141 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.34 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

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#



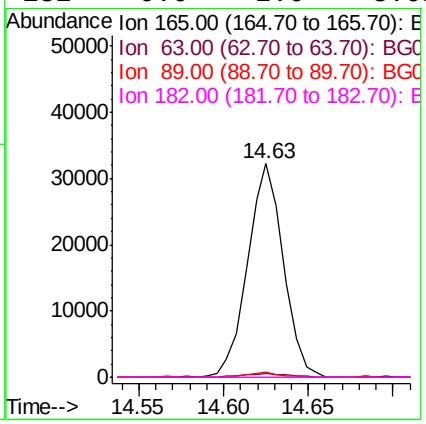


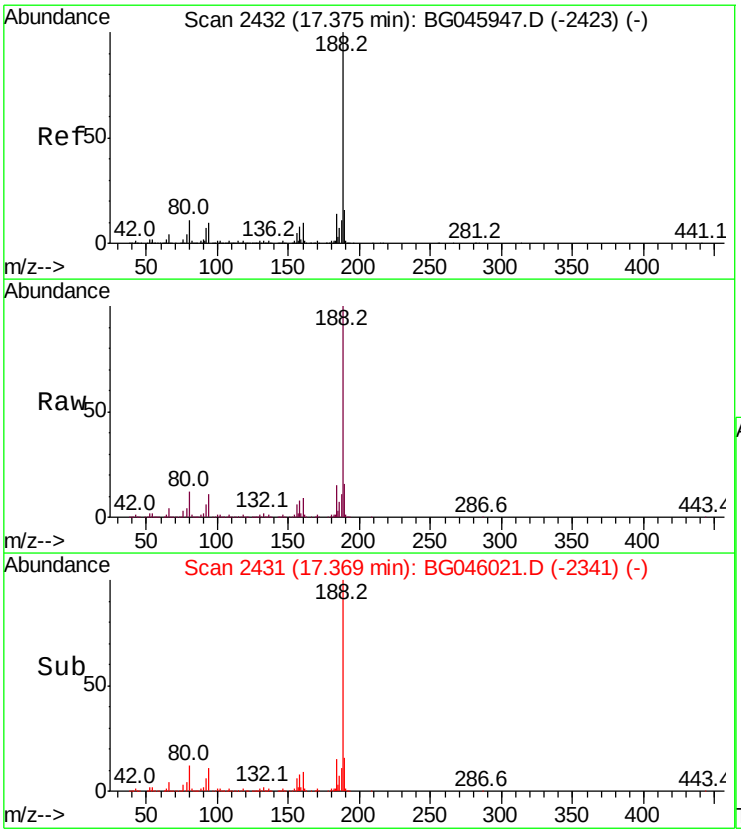
#57
2,4-Dinitrotoluene
Concen: 11.161 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.35 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Instrument :
BNA_G
ClientSampleId :
PB130142BL

Tgt Ion:165 Resp: 47073

Ion	Ratio	Lower	Upper
165	100		
63	2.0	35.4	53.0#
89	2.3	65.4	98.2#
182	0.0	2.0	3.0#

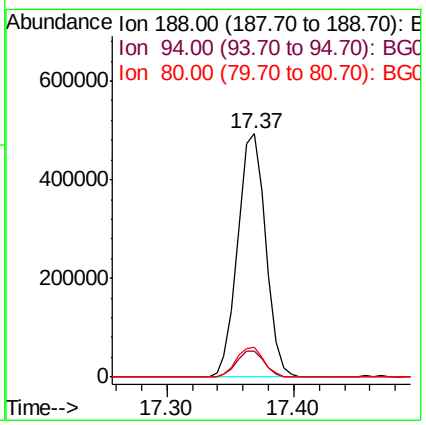


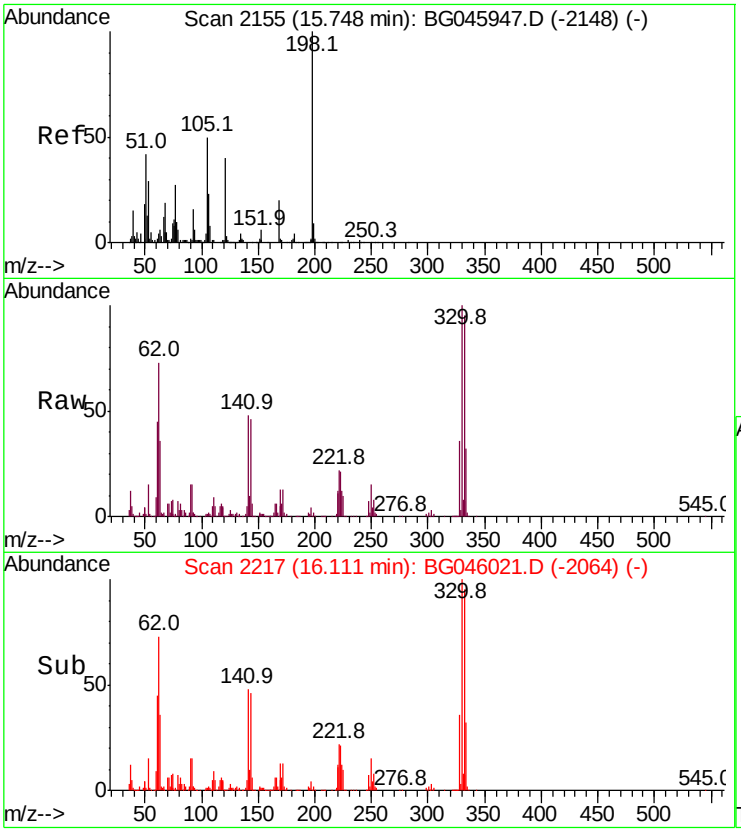


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Tgt Ion:188 Resp: 753713

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.2	12.4
80	12.1	9.0	13.6



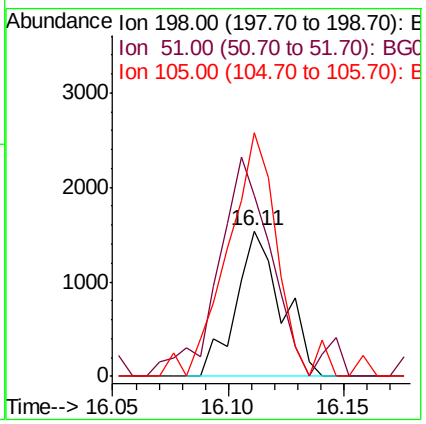


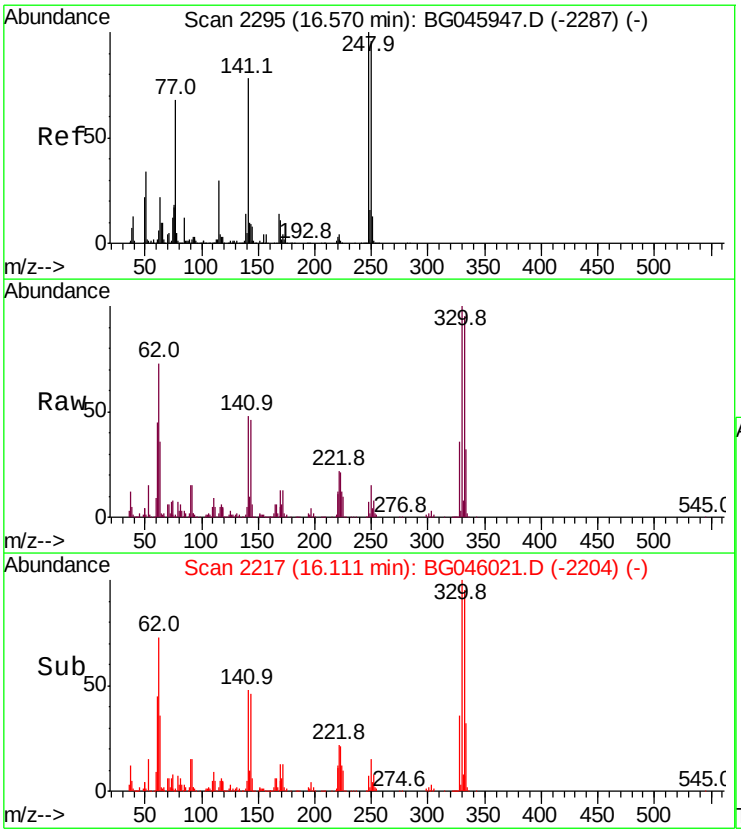
#65
4,6-Dinitro-2-methylphenol
Concen: 7.495 ng
RT: 16.11 min Scan# 2217
Delta R.T. 0.37 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Instrument :
BNA_G
ClientSampleId :
PB130142BL

Tgt Ion:198 Resp: 2129

Ion	Ratio	Lower	Upper
198	100		
51	124.5	24.5	64.5#
105	167.3	30.9	70.9#

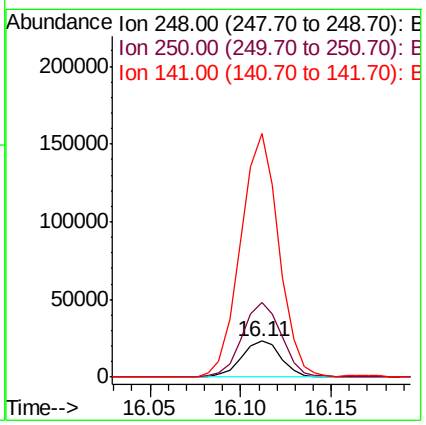


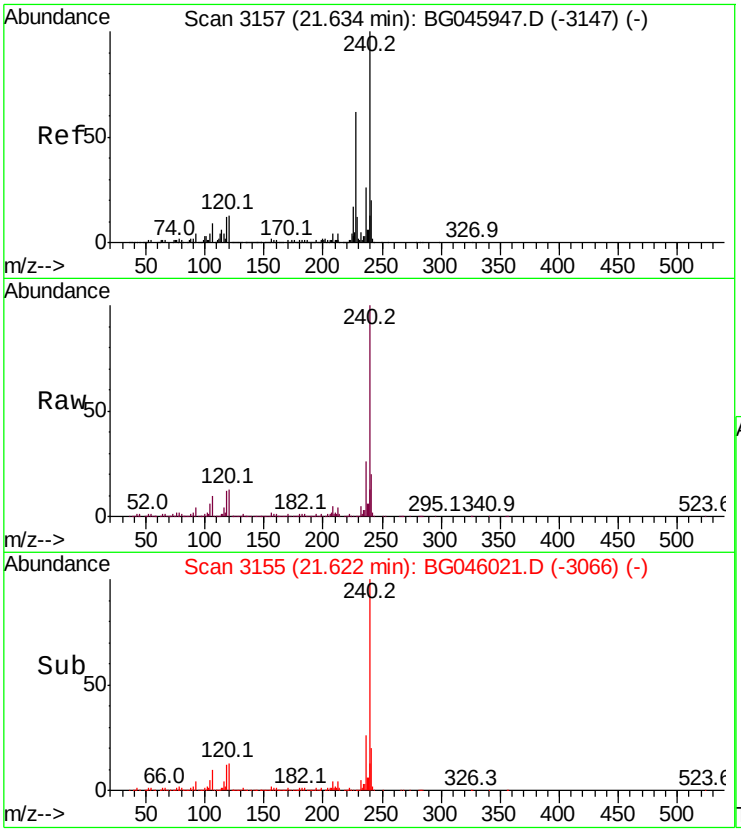


#67
4-Bromophenyl-phenylether
Concen: 4.193 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.45 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Tgt Ion:248 Resp: 35294

Ion	Ratio	Lower	Upper
248	100		
250	208.2	76.6	114.8#
141	676.3	62.7	94.1#



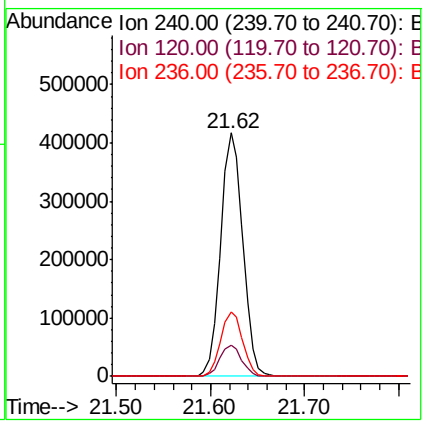


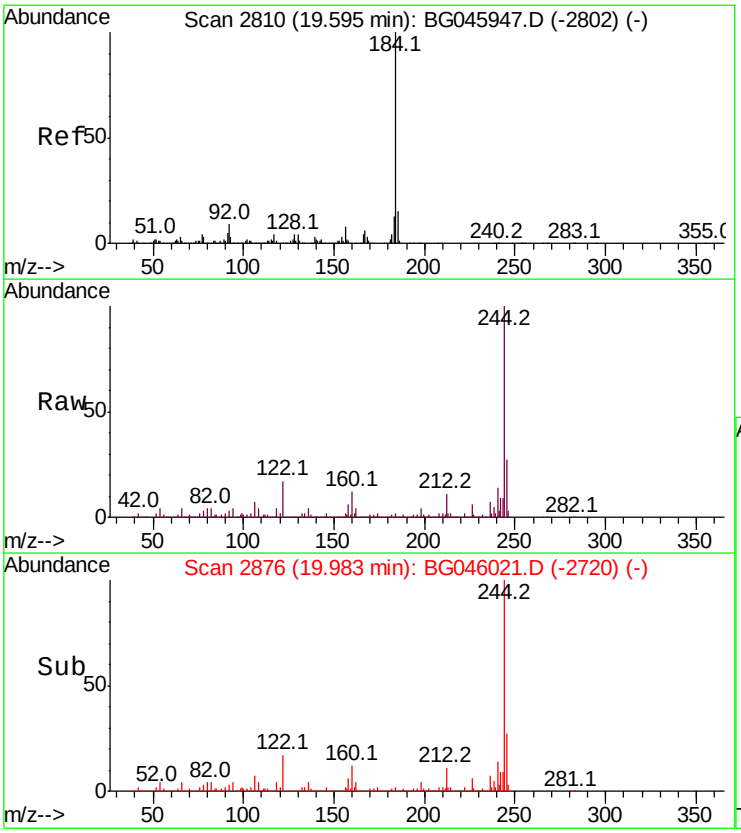
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Instrument :
BNA_G
ClientSampleId :
PB130142BL

Tgt Ion:240 Resp: 681411

Ion	Ratio	Lower	Upper
240	100		
120	12.9	10.6	16.0
236	26.3	20.4	30.6

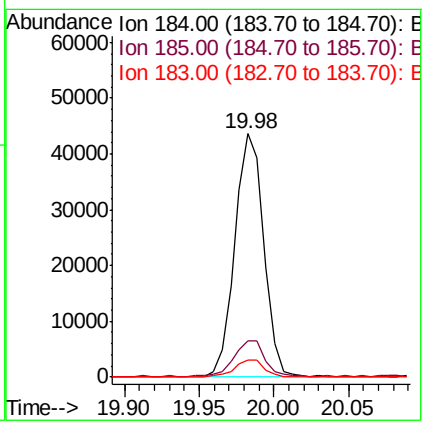


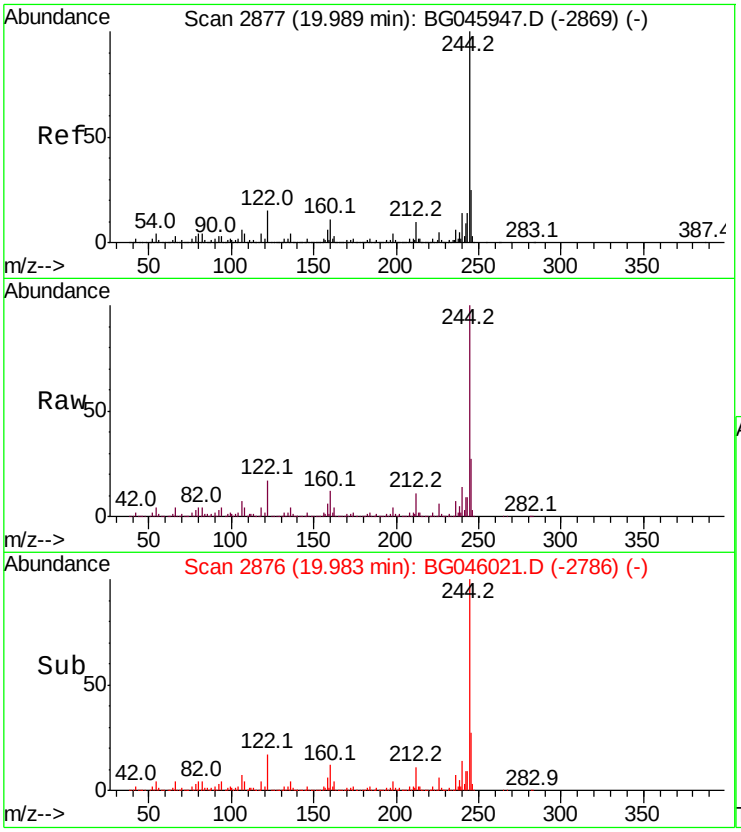


#77
Benzidine
Concen: 3.012 ng
RT: 19.98 min Scan# 2876
Delta R.T. 0.39 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Tgt Ion:184 Resp: 58678

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.6	17.4
183	6.9	10.4	15.6#



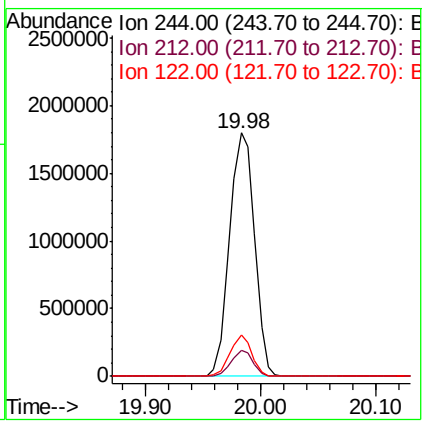


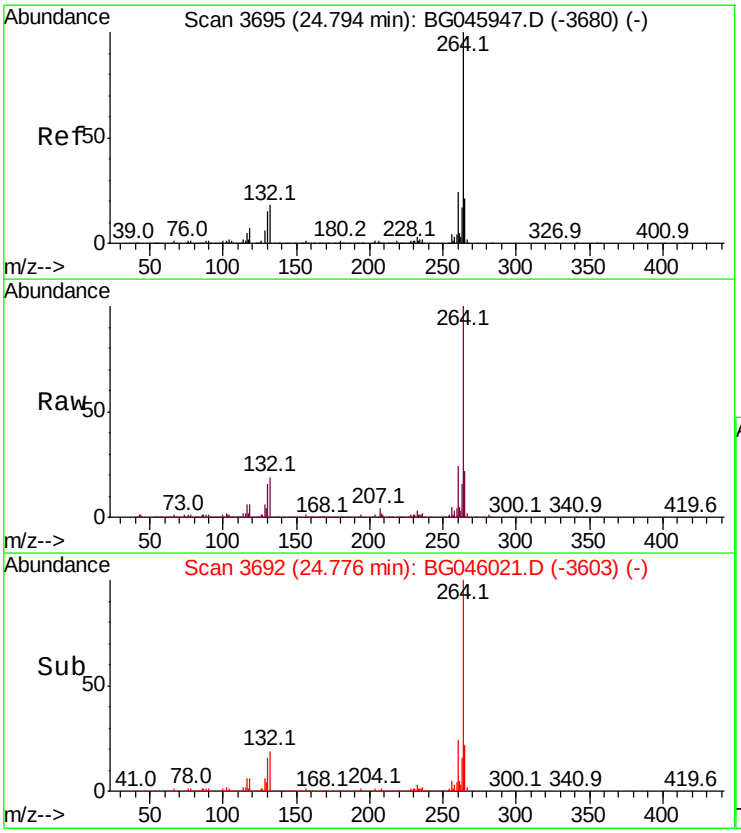
#79
Terphenyl-d14
Concen: 88.004 ng
RT: 19.98 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Instrument :
BNA_G
ClientSampleId :
PB130142BL

Tgt Ion:244 Resp: 2694505

Ion	Ratio	Lower	Upper
244	100		
212	10.7	8.3	12.5
122	16.8	12.1	18.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Tgt Ion:264 Resp: 671629

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	22.1	16.9	25.3