Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
Data File : BG046040.D
Acq On : 14 Jul 2020 19:48
Operator : CG/JU
Sample : PB130200TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB130200TB

Quant Time: Jul 15 00:35:34 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	8.01	152	110421	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	440959	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	259970	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	593413	20.00	ng	0.00
76) Chrysene-d12	21.62	240	630527	20.00	ng	0.00
86) Perylene-d12	24.78	264	600415	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	838405	123.13	ng	0.00
7) Phenol-d6	7.17	99	1112209	113.45	ng	0.00
23) Nitrobenzene-d5	9.15	82	705034	92.03	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	309117	128.12	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1300485	78.03	ng	0.00
79) Terphenyl-d14	19.98	244	1981540	69.94	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.16	70	92944	13.496	ng	# 76
32) Benzoic acid	10.34	122	57	6.519	ng	# 1
48) 2-Nitroaniline	13.24	65	2497	3.906	ng	# 30
51) 2,6-Dinitrotoluene	14.63	165	34387	12.485	ng	# 18
53) 3-Nitroaniline	14.55	138	61	2.996	ng	# 1
54) 2,4-Dinitrophenol	14.70	184	61	6.154	ng	# 17
57) 2,4-Dinitrotoluene	14.63	165	34387	11.010	ng	# 20
65) 4,6-Dinitro-2-methylphenol	15.77	198	58	6.815	ng	# 29
67) 4-Bromophenyl-phenylether	16.11	248	21919	3.307	ng	# 1
77) Benzidine	19.98	184	41085	2.279	ng	# 92

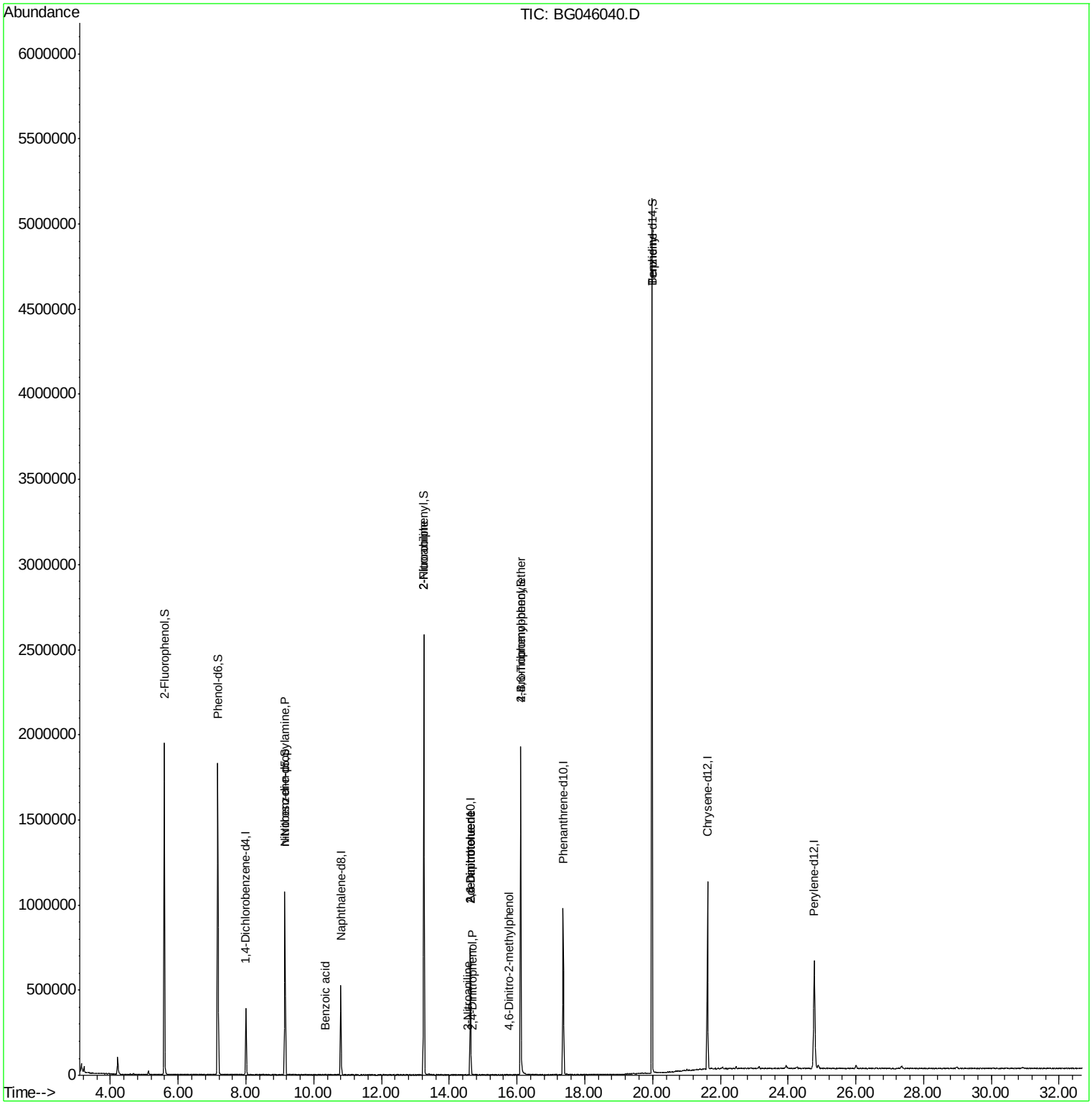
(#) = qualifier out of range (m) = manual integration (+) = signals summed

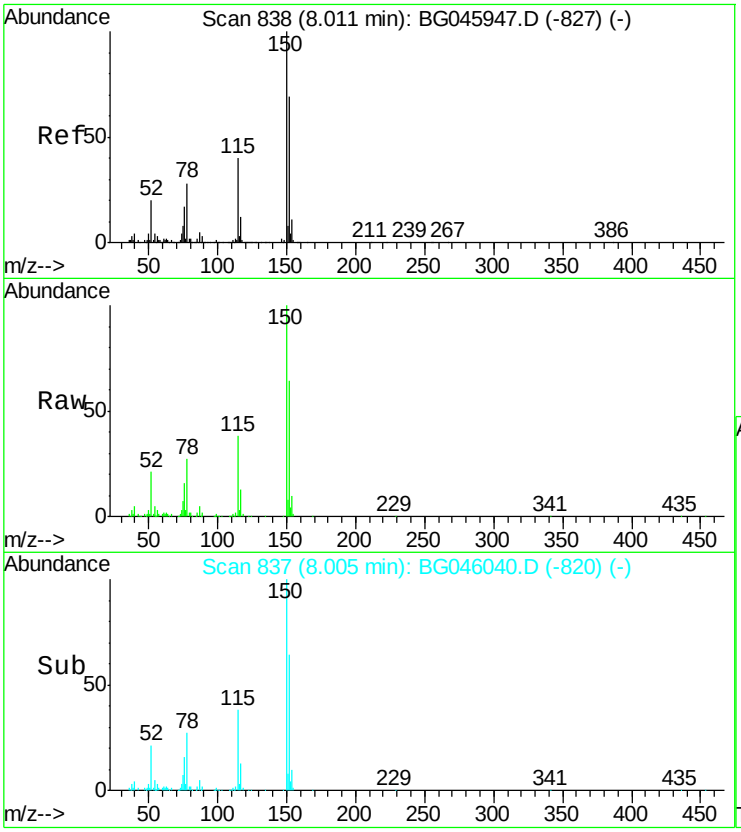
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
Data File : BG046040.D
Acq On : 14 Jul 2020 19:48
Operator : CG/JU
Sample : PB130200TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB130200TB

Quant Time: Jul 15 00:35:34 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



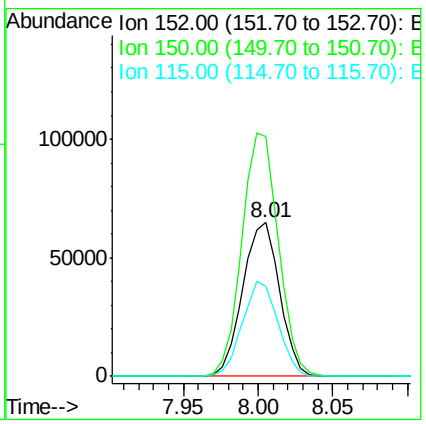


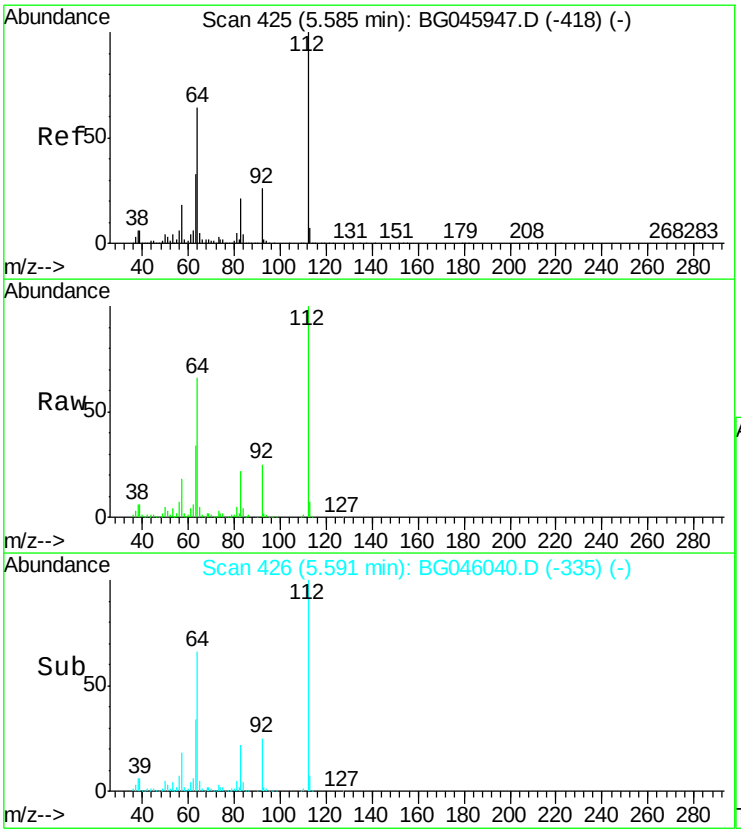
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Instrument :
BNA_G
ClientSampleId :
PB130200TB

Tgt Ion:152 Resp: 110421

Ion	Ratio	Lower	Upper
152	100		
150	156.2	116.7	175.1
115	58.7	47.4	71.0

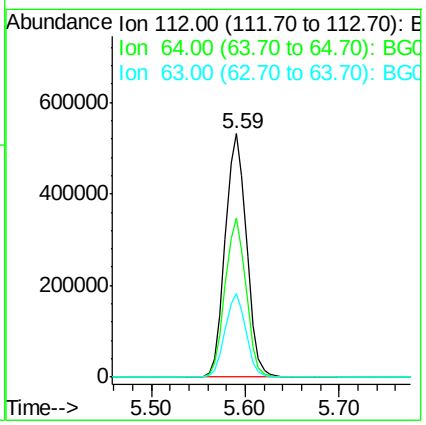


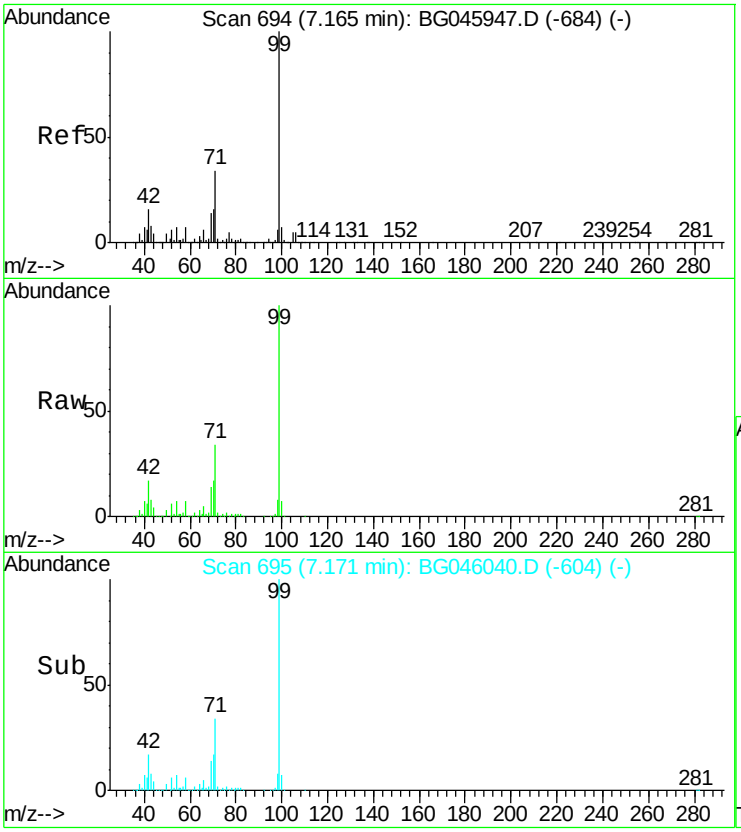


#5
2-Fluorophenol
Concen: 123.130 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.01 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Tgt Ion:112 Resp: 838405

Ion	Ratio	Lower	Upper
112	100		
64	65.6	51.4	77.2
63	34.5	26.6	40.0



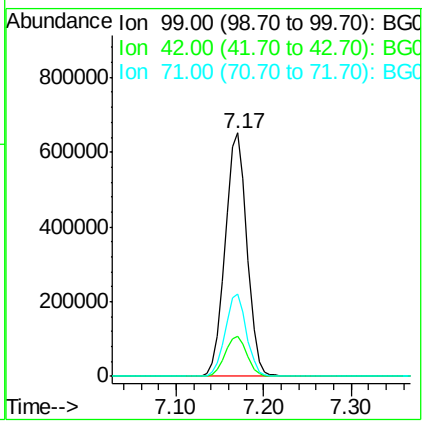


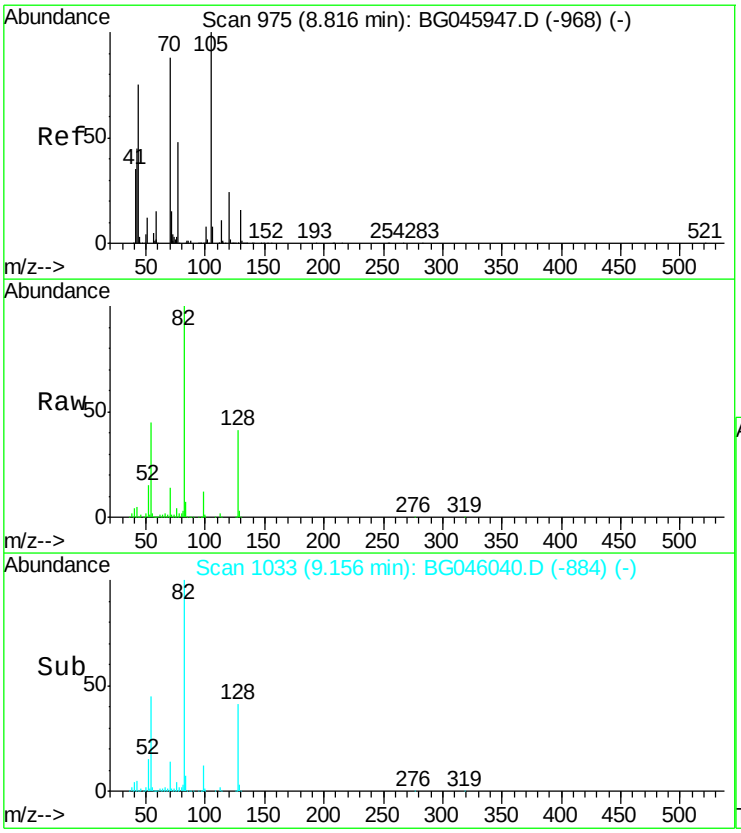
#7
Phenol-d6
Concen: 113.454 ng
RT: 7.17 min Scan# 695
Delta R.T. 0.01 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Instrument :
BNA_G
ClientSampleId :
PB130200TB

Tgt Ion: 99 Resp: 1112209

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.0	19.4
71	33.9	27.5	41.3

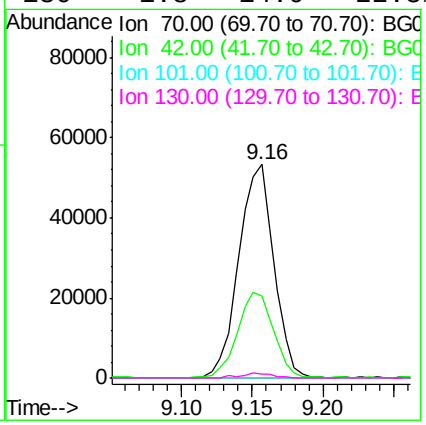


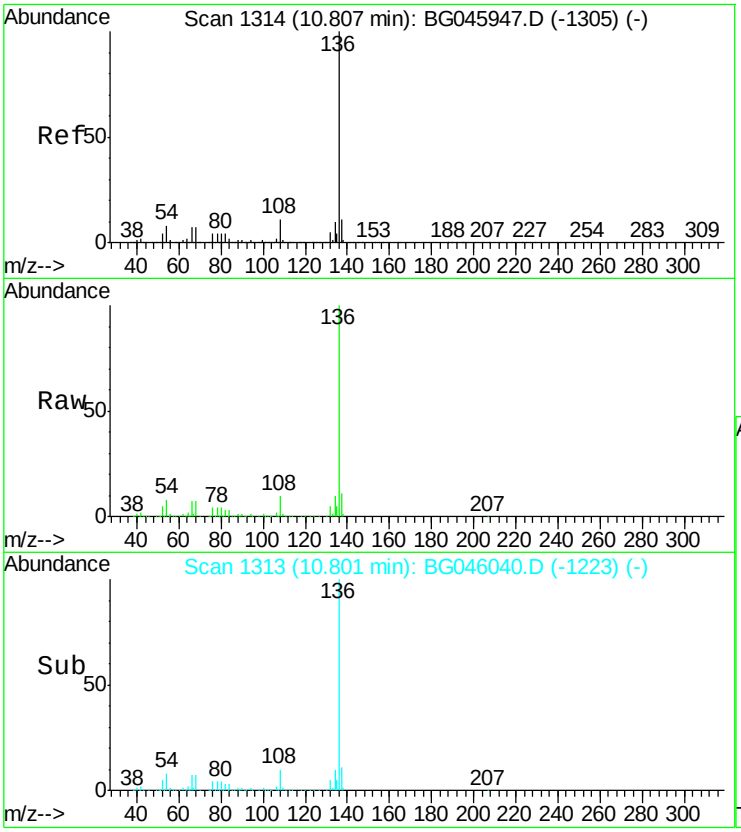


#19
n-Nitroso-di-n-propylamine
Concen: 13.496 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.35 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Tgt Ion: 70 Resp: 92944

Ion	Ratio	Lower	Upper
70	100		
42	38.6	41.4	62.0#
101	0.0	7.1	10.7#
130	1.8	14.9	22.3#



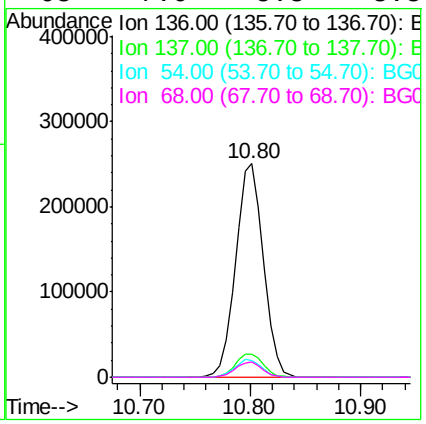


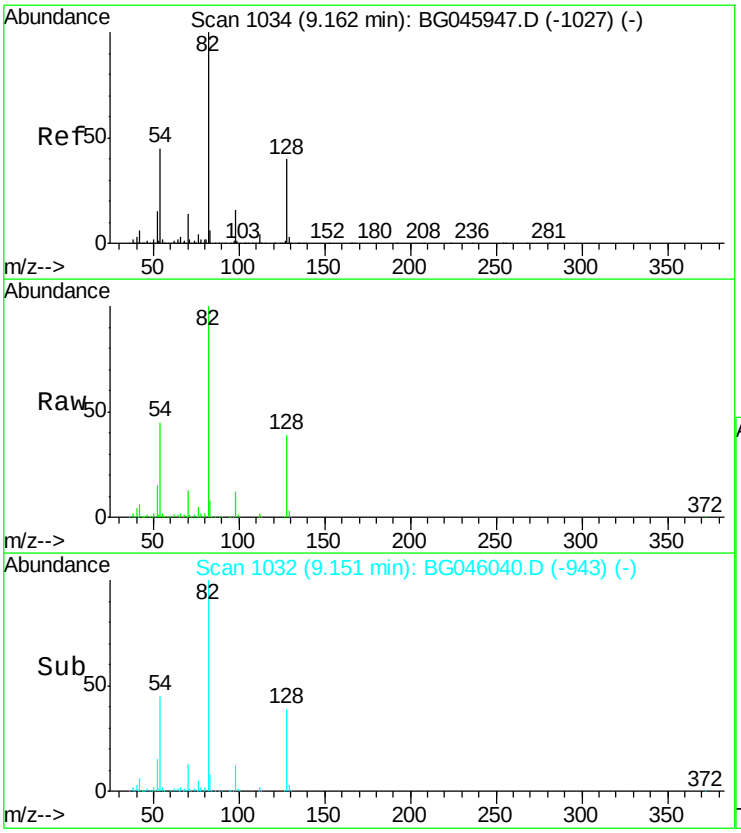
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Instrument :
BNA_G
ClientSampleId :
PB130200TB

Tgt Ion:136 Resp: 440959

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.9	6.2	9.4
68	7.0	5.8	8.8

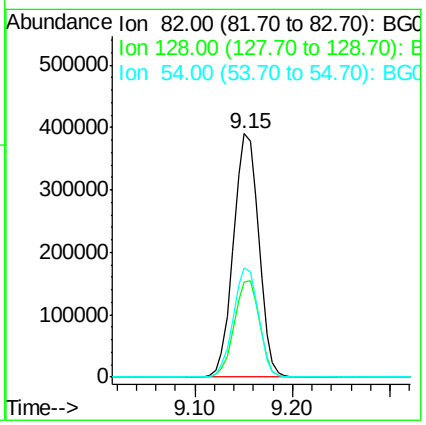


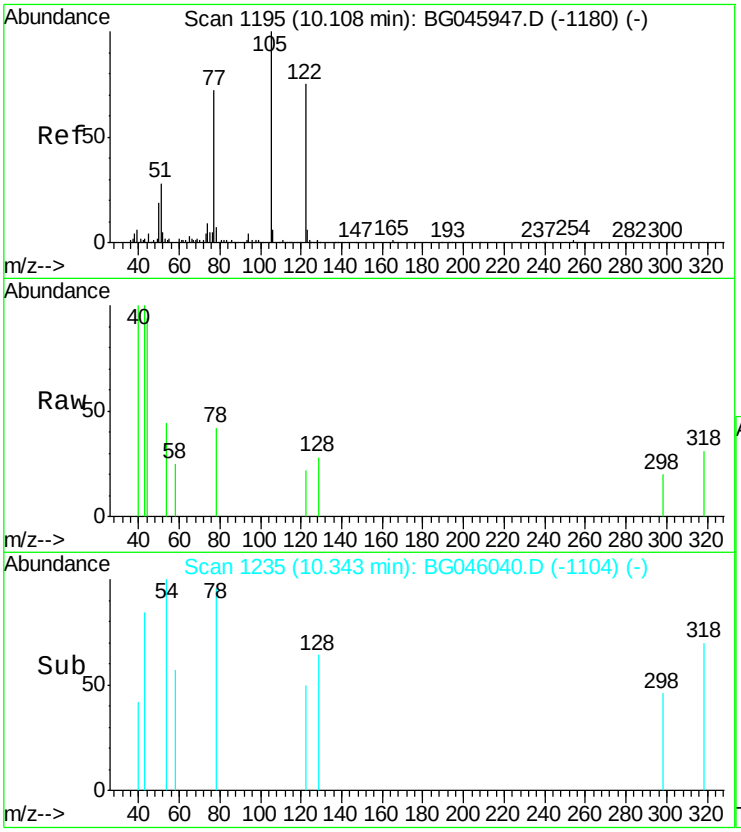


#23
Nitrobenzene-d5
Concen: 92.027 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Tgt Ion: 82 Resp: 705034

Ion	Ratio	Lower	Upper
82	100		
128	39.3	32.2	48.4
54	44.6	35.8	53.6



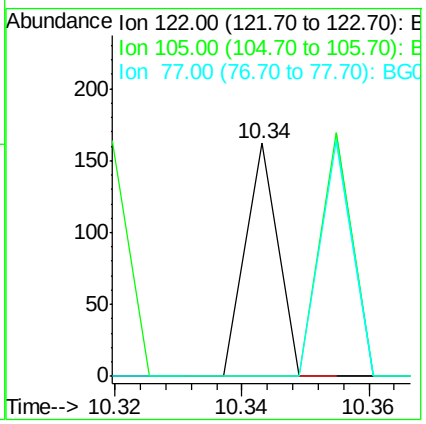


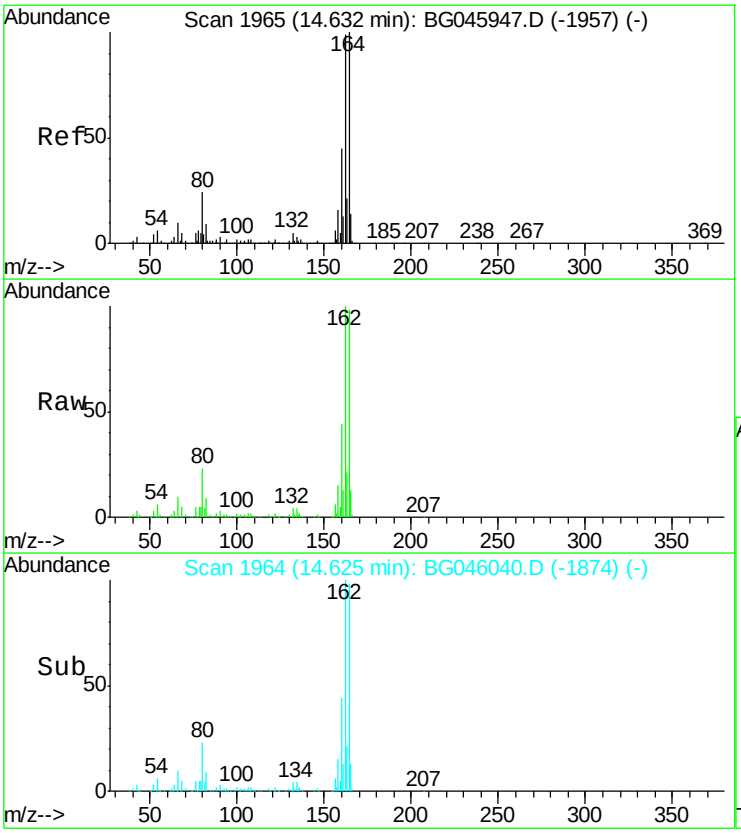
#32
Benzoic acid
Concen: 6.519 ng
RT: 10.34 min Scan# 1235
Delta R.T. 0.24 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Instrument :
BNA_G
ClientSampleId :
PB130200TB

Tgt Ion:122 Resp: 57

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

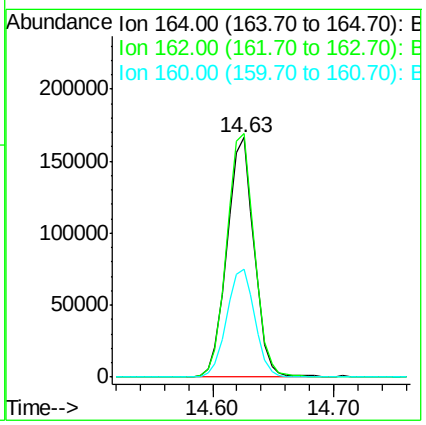


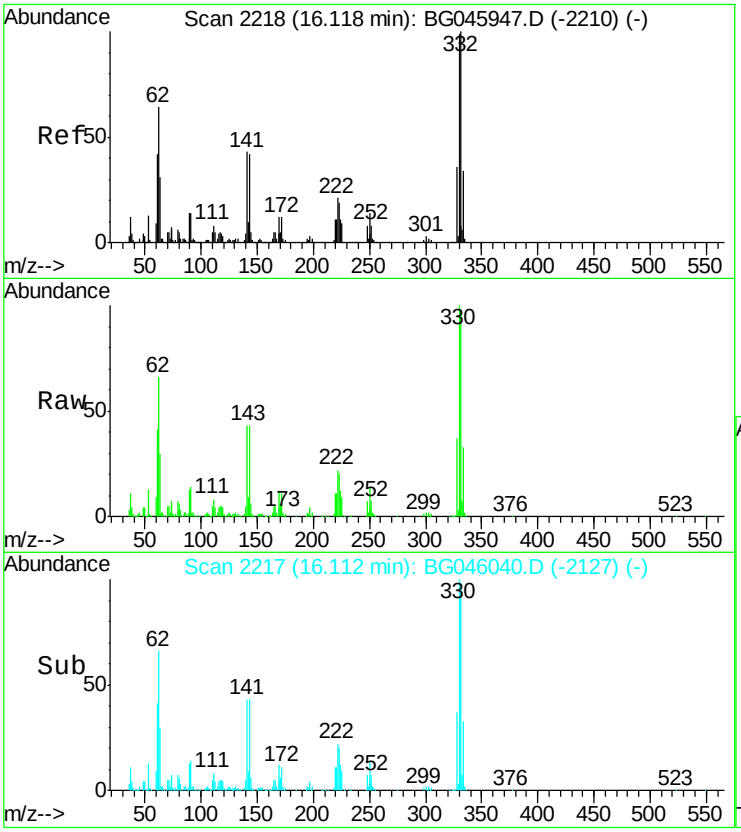


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Tgt Ion:164 Resp: 259970

Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.3	118.9
160	45.0	35.7	53.5



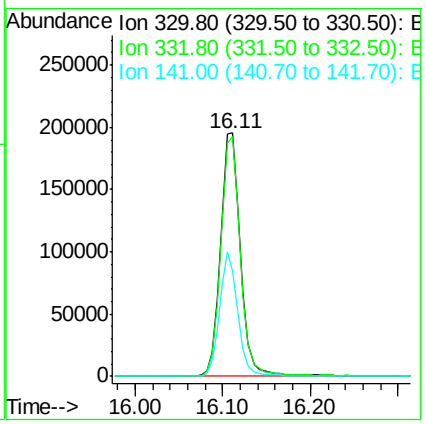


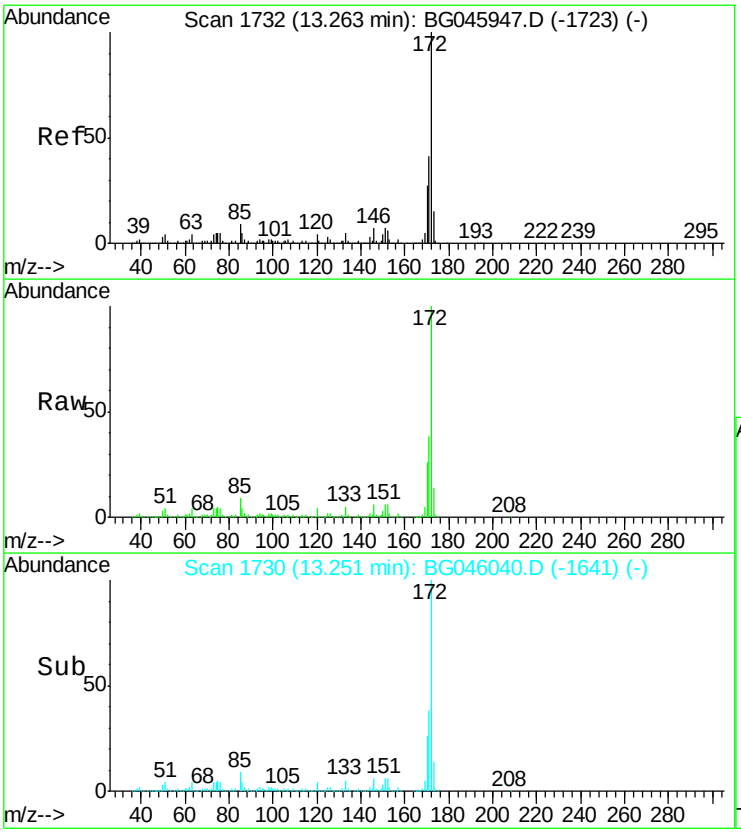
#42
2,4,6-Tribromophenol
Concen: 128.116 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Instrument :
BNA_G
ClientSampleId :
PB130200TB

Tgt Ion:330 Resp: 309117

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.3	117.5
141	46.7	36.6	54.8

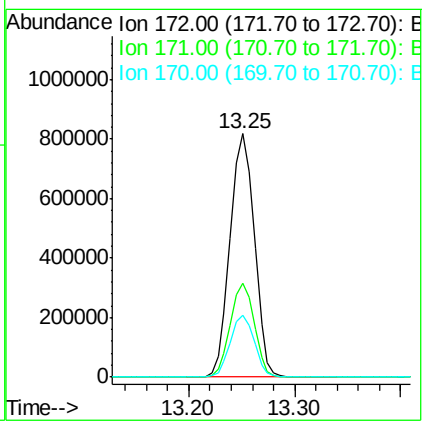


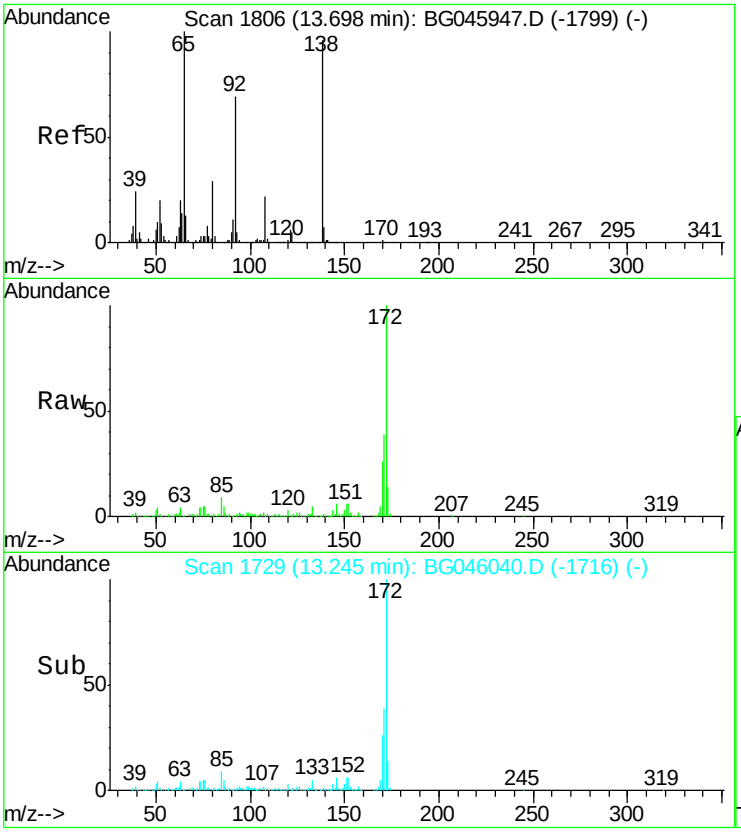


#45
2-Fluorobiphenyl
Concen: 78.029 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Tgt Ion:172 Resp: 1300485

Ion	Ratio	Lower	Upper
172	100		
171	38.5	32.9	49.3
170	25.6	21.8	32.6



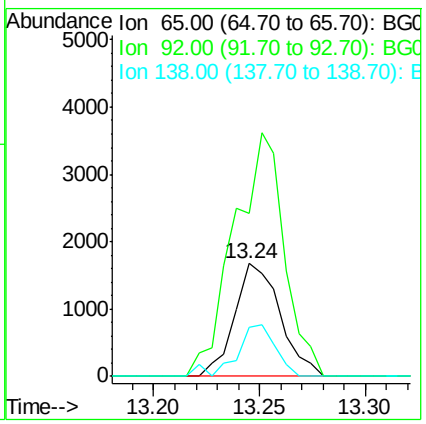


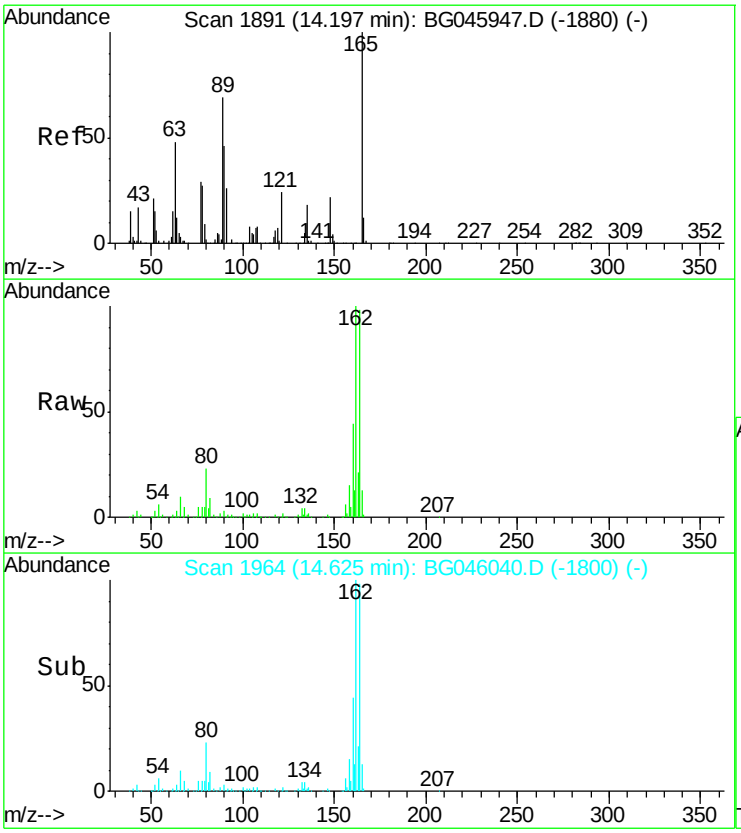
#48
2-Nitroaniline
Concen: 3.906 ng
RT: 13.24 min Scan# 1729
Delta R.T. -0.45 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Instrument :
BNA_G
ClientSampleId :
PB130200TB

Tgt Ion: 65 Resp: 2497

Ion	Ratio	Lower	Upper
65	100		
92	144.7	55.4	83.0#
138	43.9	77.0	115.4#

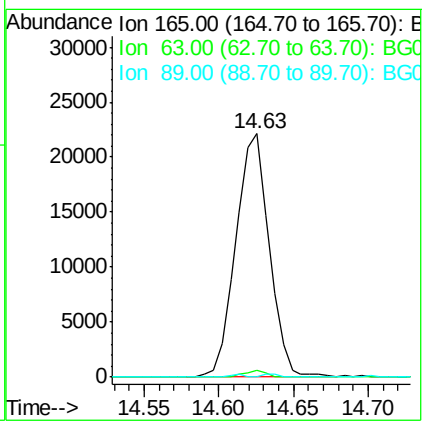


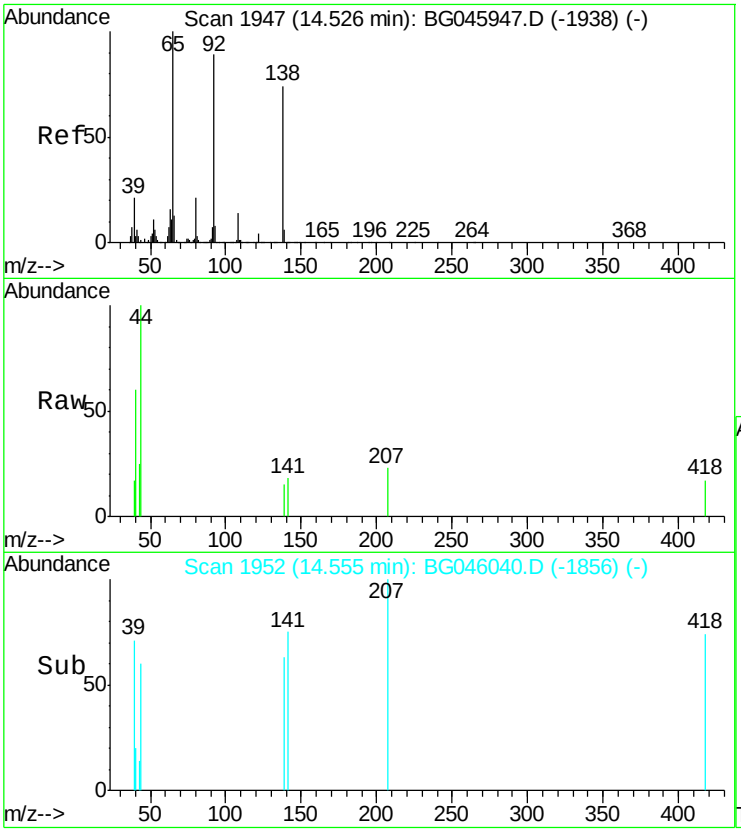


#51
2,6-Dinitrotoluene
Concen: 12.485 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.43 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Tgt Ion:165 Resp: 34387

Ion	Ratio	Lower	Upper
165	100		
63	2.9	51.0	76.4#
89	0.0	55.7	83.5#



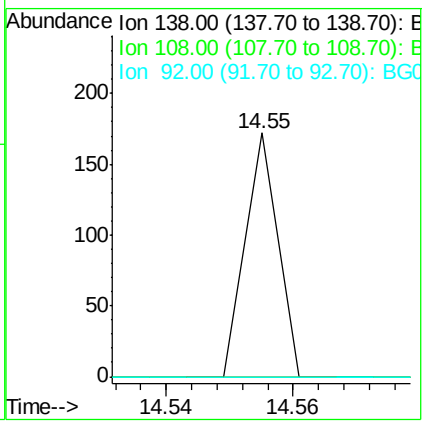


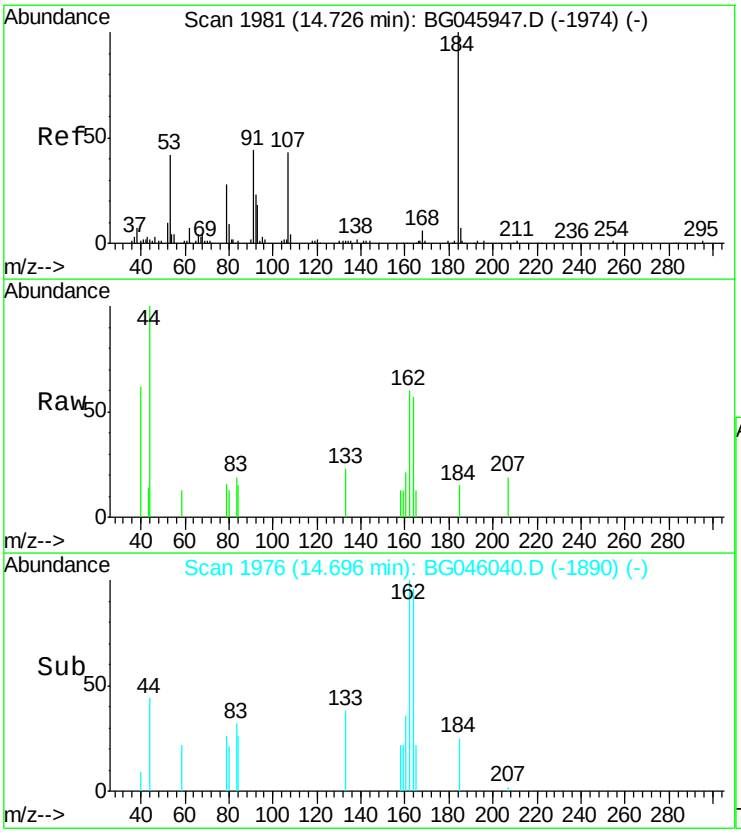
#53
3-Nitroaniline
Concen: 2.996 ng
RT: 14.55 min Scan# 1952
Delta R.T. 0.04 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Instrument :
BNA_G
ClientSampleId :
PB130200TB

Tgt Ion:138 Resp: 61

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

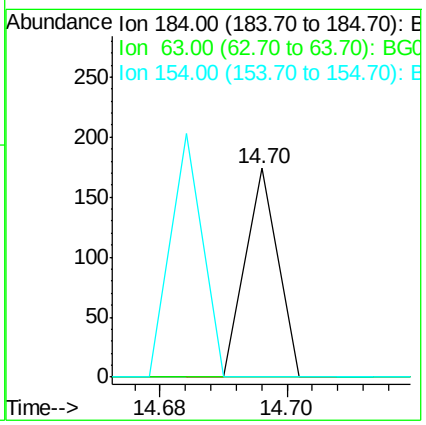


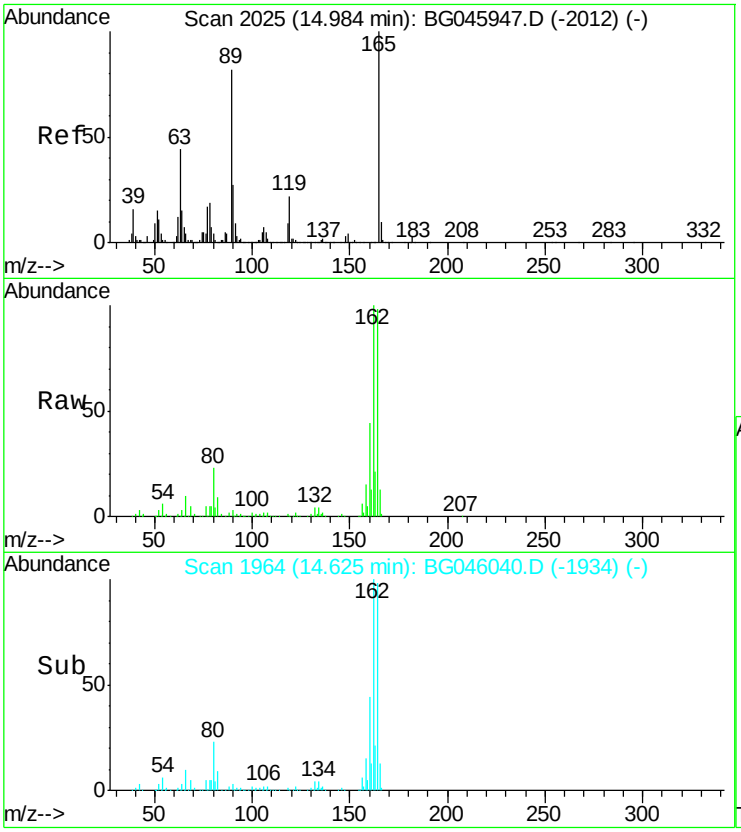


#54
2,4-Dinitrophenol
Concen: 6.154 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.02 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Tgt Ion:184 Resp: 61

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



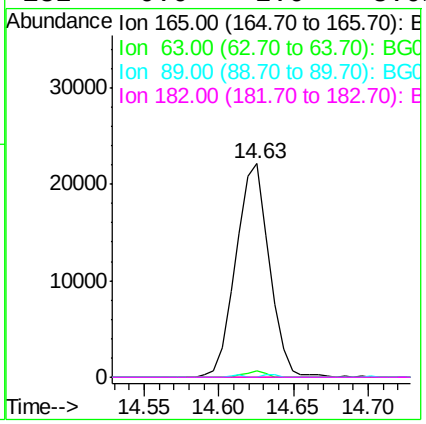


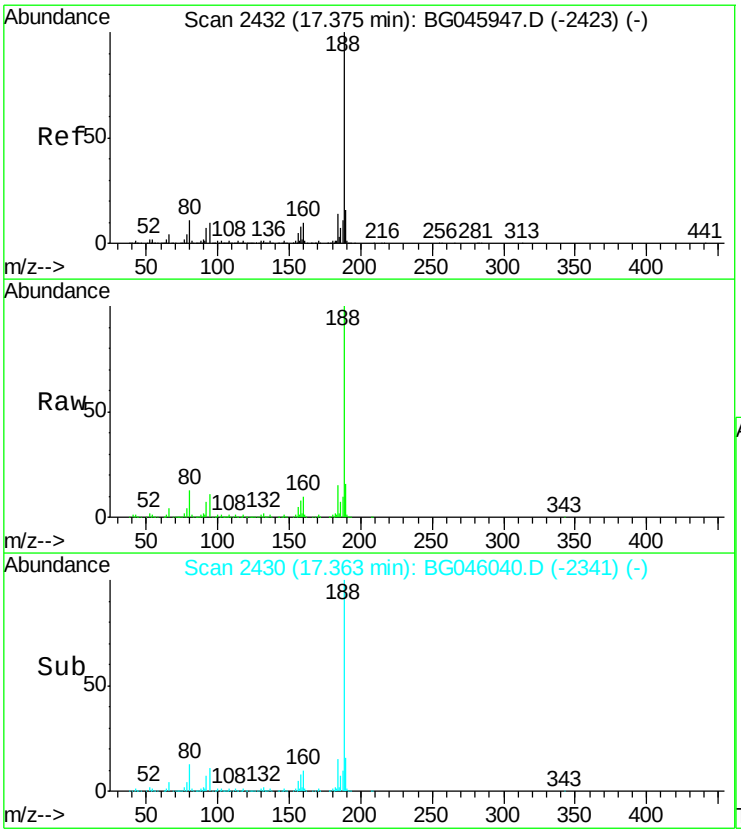
#57
2,4-Dinitrotoluene
Concen: 11.010 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.35 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Instrument :
BNA_G
ClientSampleId :
PB130200TB

Tgt Ion:165 Resp: 34387

Ion	Ratio	Lower	Upper
165	100		
63	2.9	35.4	53.0#
89	0.0	65.4	98.2#
182	0.0	2.0	3.0#

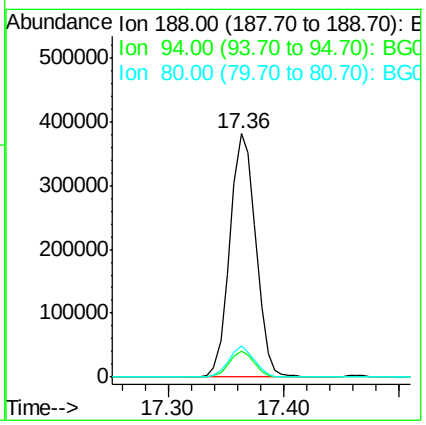


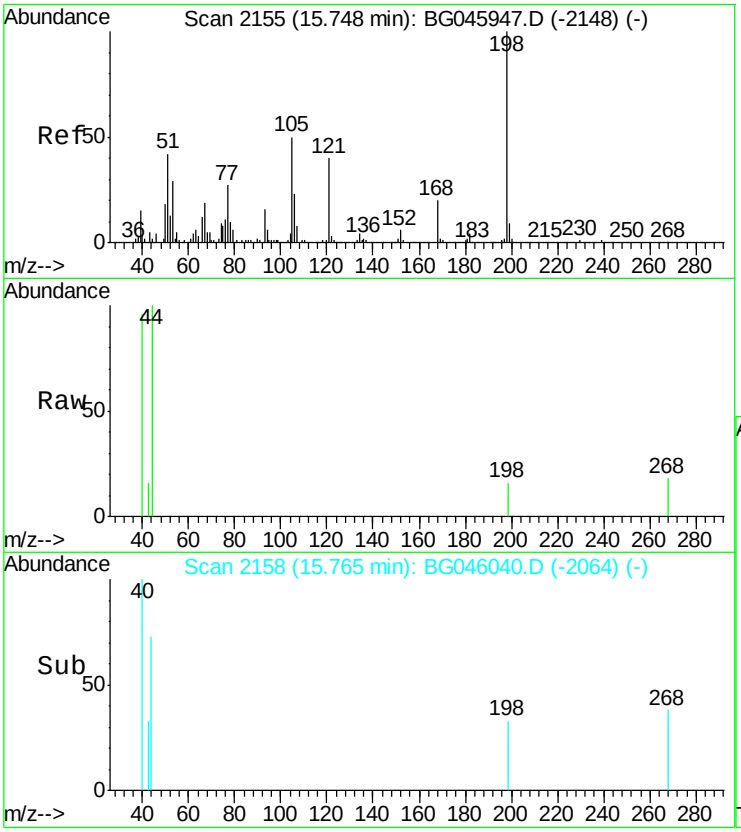


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Tgt Ion:188 Resp: 593413

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.2	12.4
80	12.5	9.0	13.6



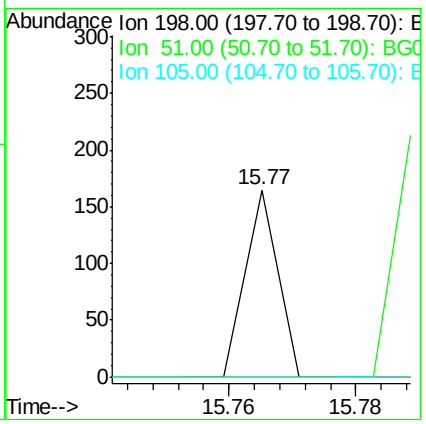


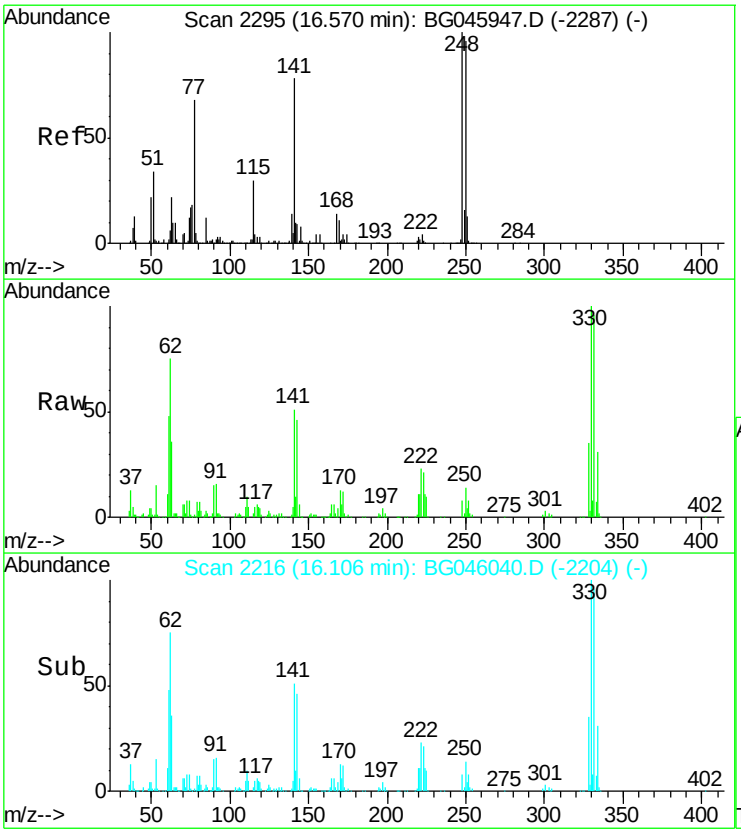
#65
4,6-Dinitro-2-methylphenol
Concen: 6.815 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.02 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Instrument :
BNA_G
ClientSampleId :
PB130200TB

Tgt Ion:198 Resp: 58

Ion	Ratio	Lower	Upper
198	100		
51	0.0	24.5	64.5#
105	0.0	30.9	70.9#

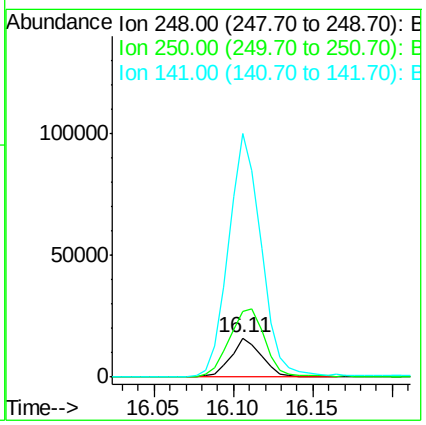


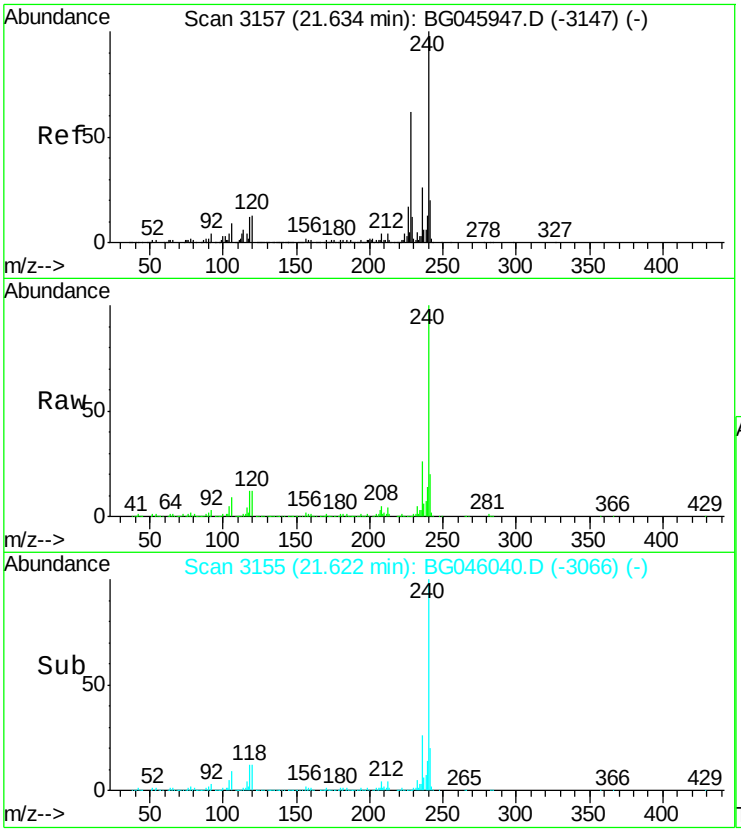


#67
4-Bromophenyl-phenylether
Concen: 3.307 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.46 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Tgt Ion:248 Resp: 21919

Ion	Ratio	Lower	Upper
248	100		
250	167.7	76.6	114.8#
141	621.8	62.7	94.1#



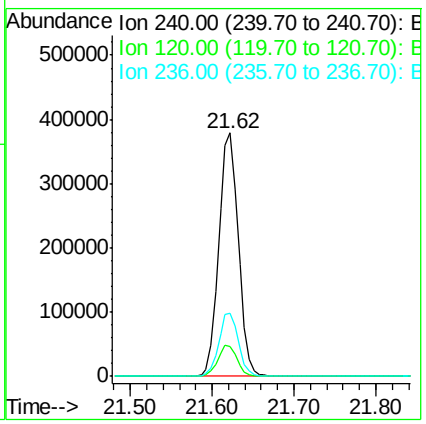


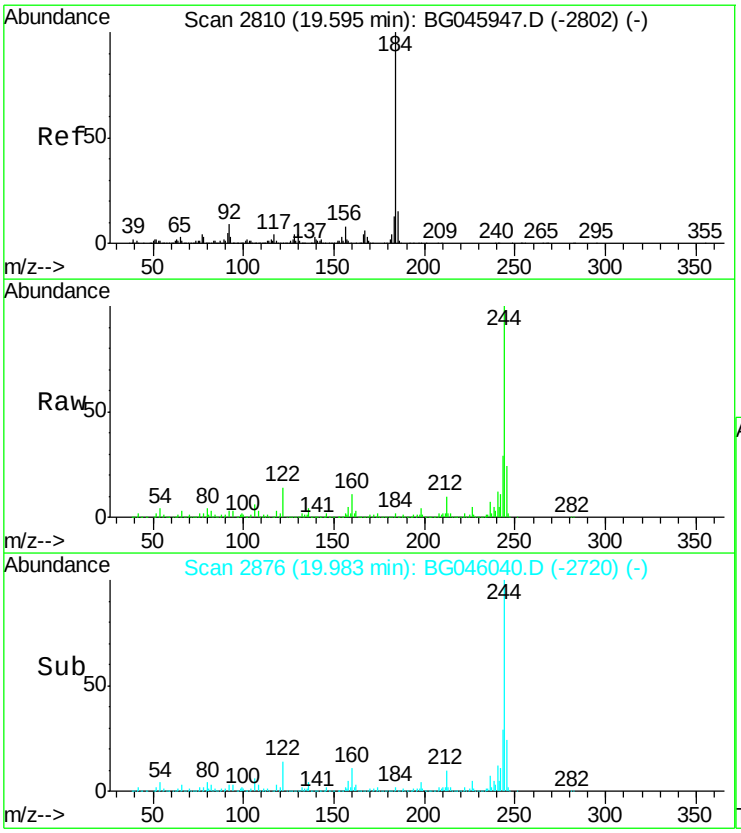
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Instrument :
BNA_G
ClientSampleId :
PB130200TB

Tgt Ion:240 Resp: 630527

Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.6	16.0
236	26.0	20.4	30.6

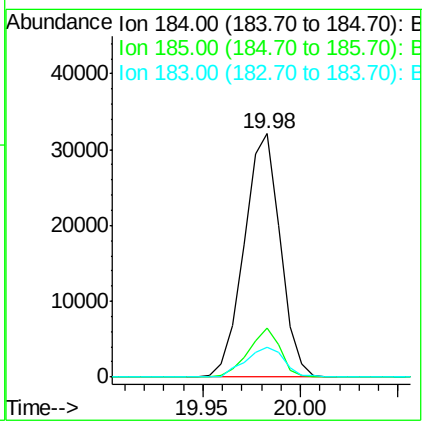


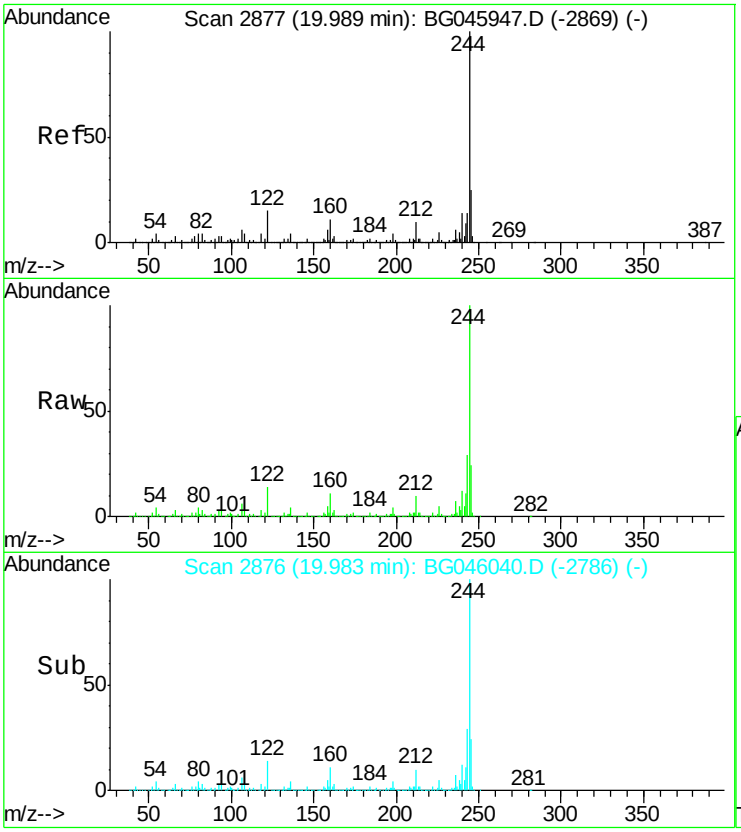


#77
Benzidine
Concen: 2.279 ng
RT: 19.98 min Scan# 2876
Delta R.T. 0.39 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Tgt Ion:184 Resp: 41085

Ion	Ratio	Lower	Upper
184	100		
185	20.4	11.6	17.4#
183	12.4	10.4	15.6



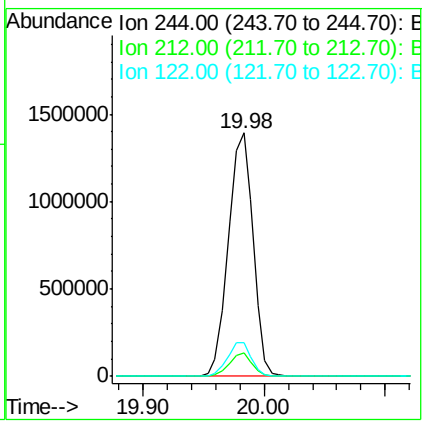


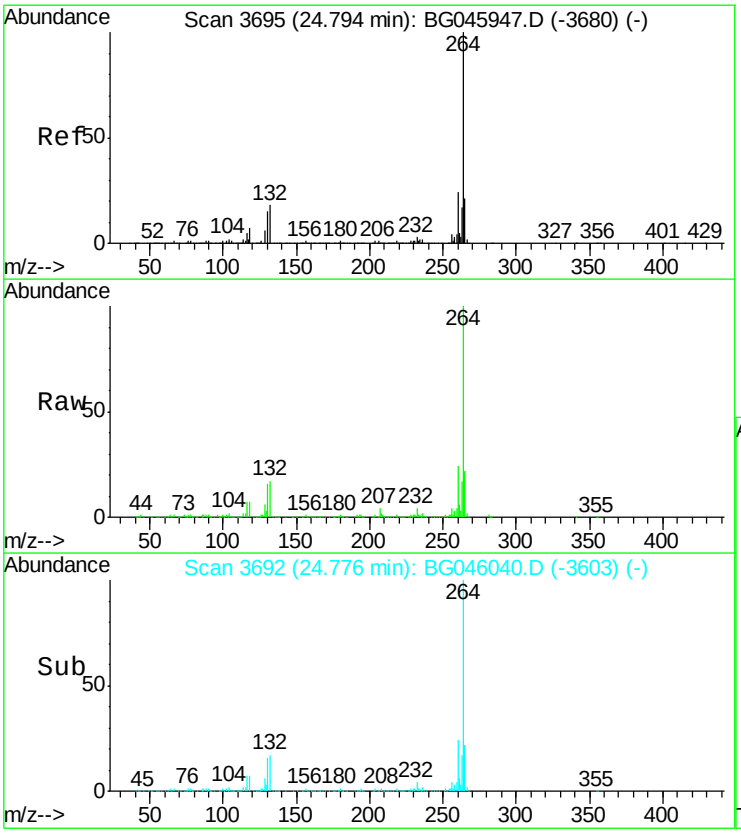
#79
Terphenyl-d14
Concen: 69.941 ng
RT: 19.98 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Instrument :
BNA_G
ClientSampleId :
PB130200TB

Tgt Ion:244 Resp: 1981540

Ion	Ratio	Lower	Upper
244	100		
212	9.5	8.3	12.5
122	13.9	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: BG046040.D
Acq: 14 Jul 2020 19:48

Tgt Ion:264 Resp: 600415

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.7	16.9	25.3