Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
Data File : BG046041.D
Acq On : 14 Jul 2020 20:29
Operator : CG/JU
Sample : L3179-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-05-071320

Quant Time: Jul 15 00:35:49 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	112314	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	461911	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	270276	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	605752	20.00	ng		0.00
76) Chrysene-d12	21.62	240	613982	20.00	ng		0.00
86) Perylene-d12	24.77	264	600382	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	773762	111.72	ng		0.00
7) Phenol-d6	7.17	99	934323	93.70	ng		0.00
23) Nitrobenzene-d5	9.15	82	787187	98.09	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	326388	130.12	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	1416397	81.74	ng		0.00
79) Terphenyl-d14	19.98	244	2035268	73.77	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.15	70	104286	14.888	ng	#	82
32) Benzoic acid	10.28	122	77	6.522	ng	#	39
48) 2-Nitroaniline	13.46	65	126	3.396	ng	#	7
50) Dimethylphthalate	14.08	163	134673	6.640	ng		99
51) 2,6-Dinitrotoluene	14.07	165	1549	3.708	ng	#	6
53) 3-Nitroaniline	14.83	138	286	3.043	ng	#	1
57) 2,4-Dinitrotoluene	14.62	165	33925	10.650	ng	#	21
65) 4,6-Dinitro-2-methylphenol	16.10	198	1339	7.342	ng	#	1
67) 4-Bromophenyl-phenylether	16.11	248	23390	3.457	ng	#	1
77) Benzidine	19.98	184	41747	2.378	ng		96

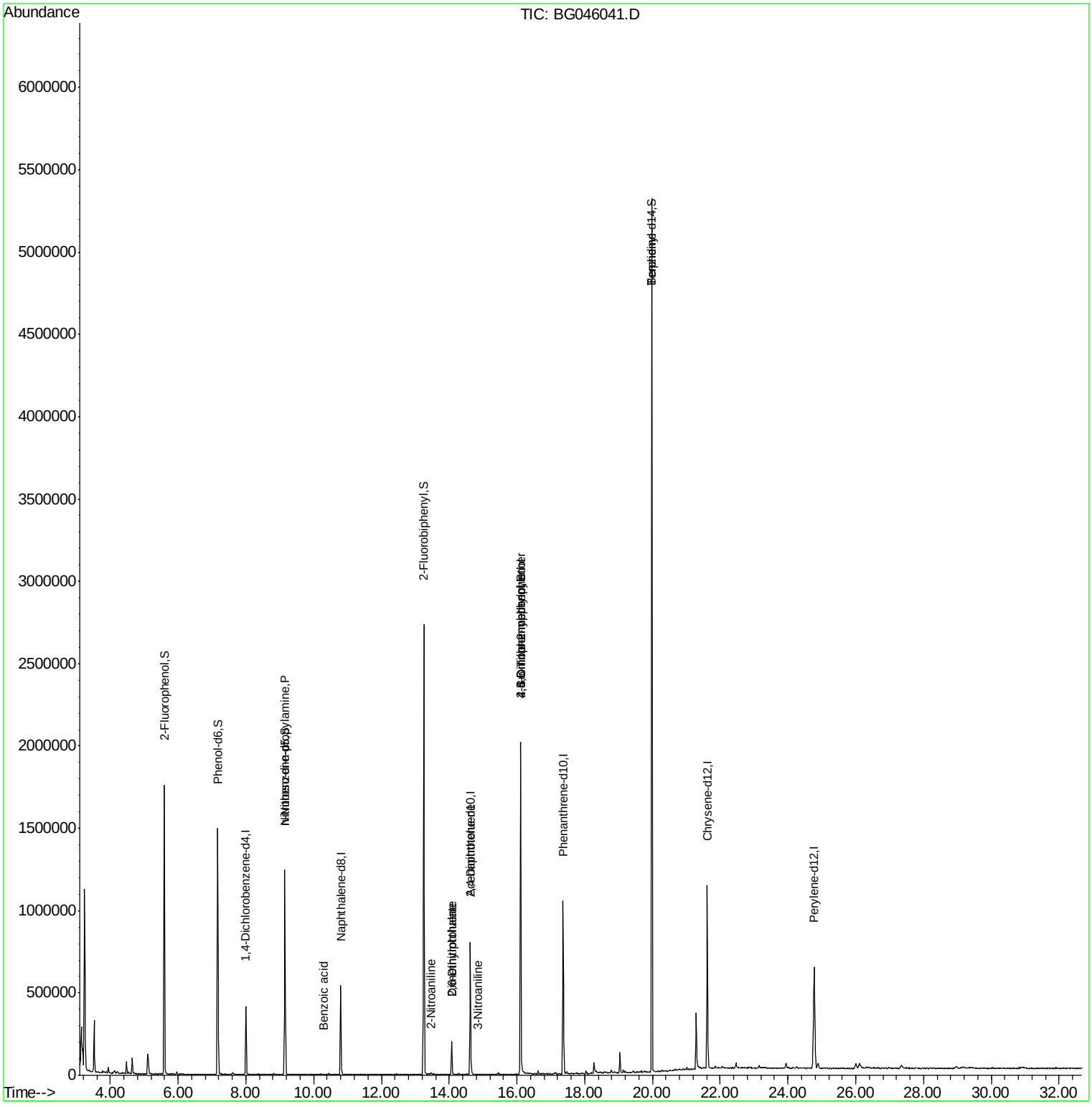
(#) = qualifier out of range (m) = manual integration (+) = signals summed

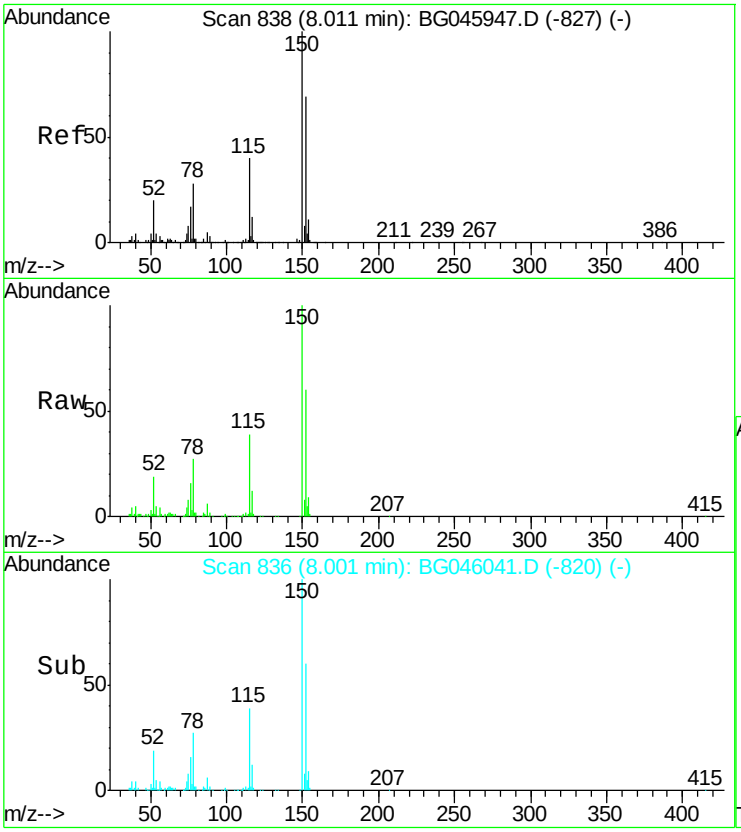
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
Data File : BG046041.D
Acq On : 14 Jul 2020 20:29
Operator : CG/JU
Sample : L3179-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-05-071320

Quant Time: Jul 15 00:35:49 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



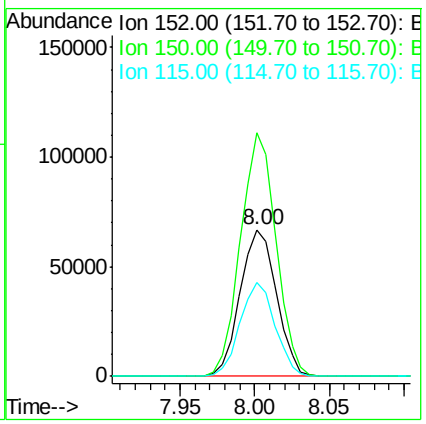


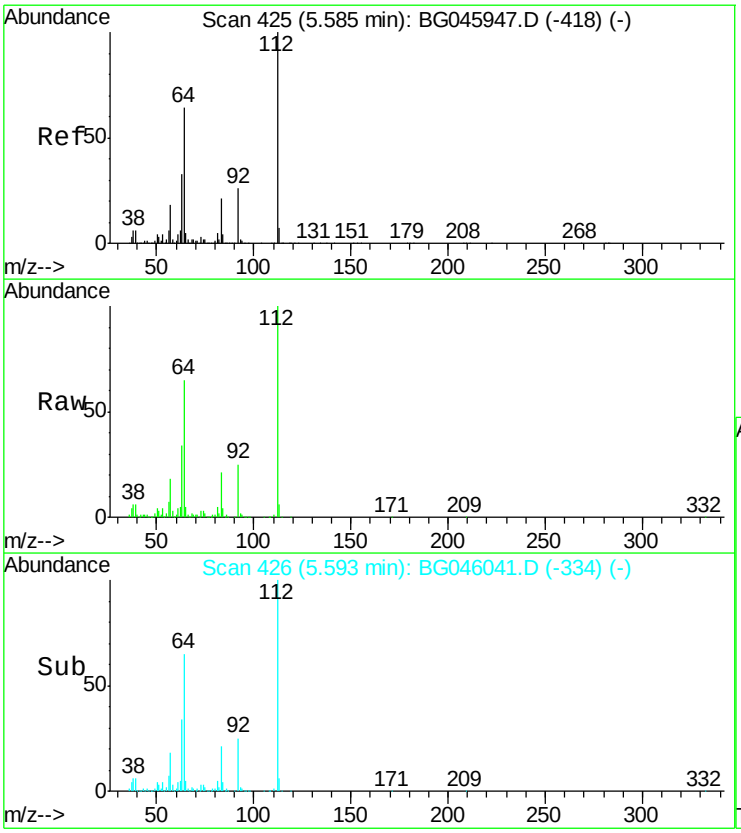
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG046041.D
Acq: 14 Jul 2020 20:29

Instrument :
BNA_G
ClientSampleId :
HR-05-071320

Tgt Ion:152 Resp: 112314

Ion	Ratio	Lower	Upper
152	100		
150	165.9	116.7	175.1
115	64.3	47.4	71.0

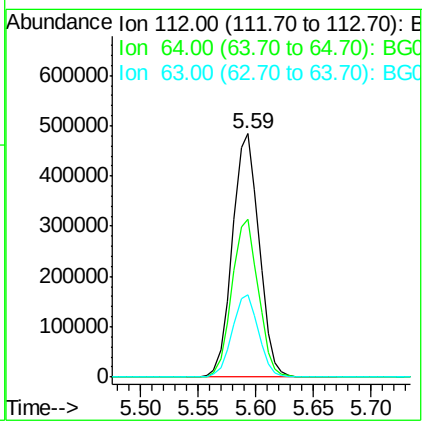


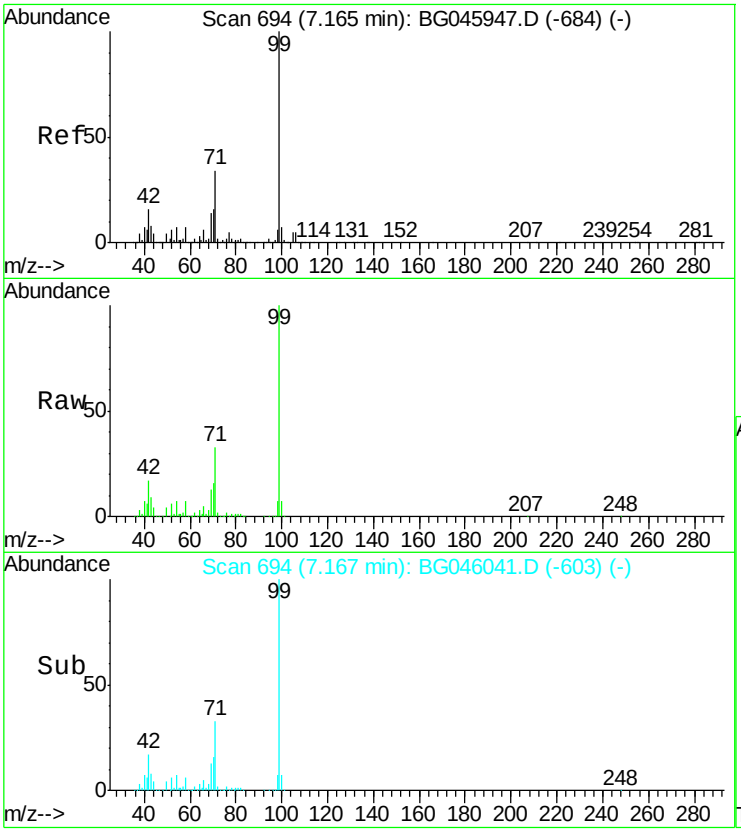


#5
2-Fluorophenol
Concen: 111.721 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.01 min
Lab File: BG046041.D
Acq: 14 Jul 2020 20:29

Tgt Ion:112 Resp: 773762

Ion	Ratio	Lower	Upper
112	100		
64	64.8	51.4	77.2
63	33.9	26.6	40.0



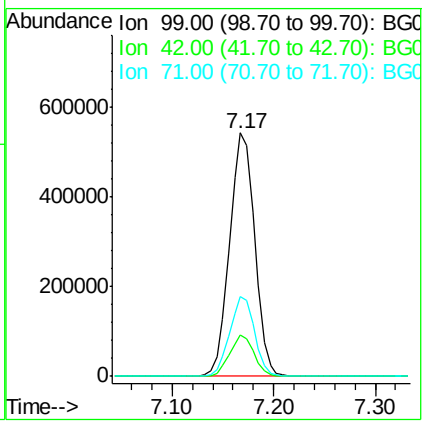


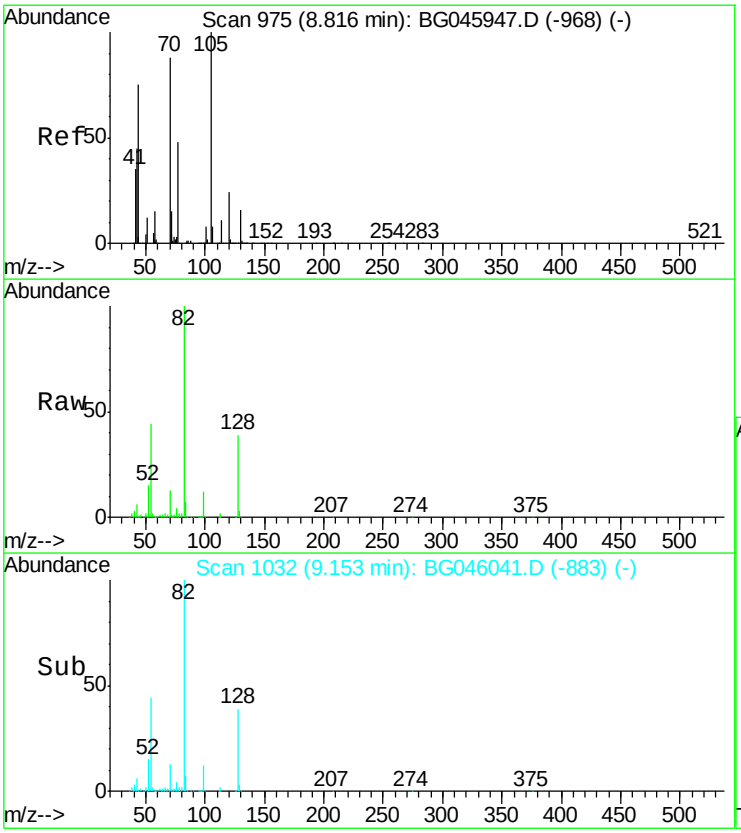
#7
Phenol-d6
Concen: 93.702 ng
RT: 7.17 min Scan# 694
Delta R.T. 0.00 min
Lab File: BG046041.D
Acq: 14 Jul 2020 20:29

Instrument :
BNA_G
ClientSampleId :
HR-05-071320

Tgt Ion: 99 Resp: 934323

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.0	19.4
71	32.5	27.5	41.3

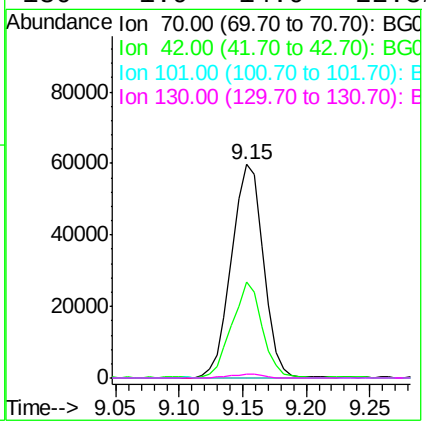


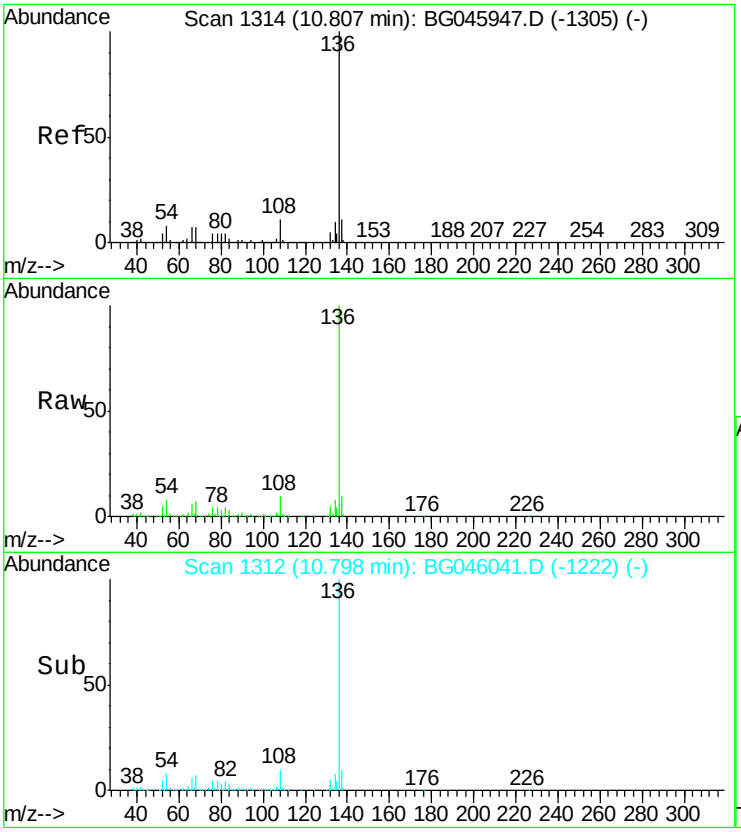


#19
n-Nitroso-di-n-propylamine
Concen: 14.888 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.34 min
Lab File: BG046041.D
Acq: 14 Jul 2020 20:29

Tgt Ion: 70 Resp: 104286

Ion	Ratio	Lower	Upper
70	100		
42	45.0	41.4	62.0
101	0.0	7.1	10.7#
130	1.9	14.9	22.3#



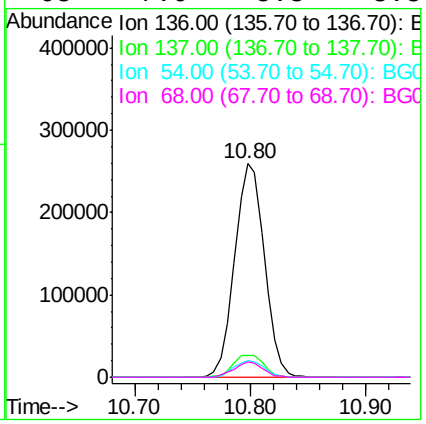


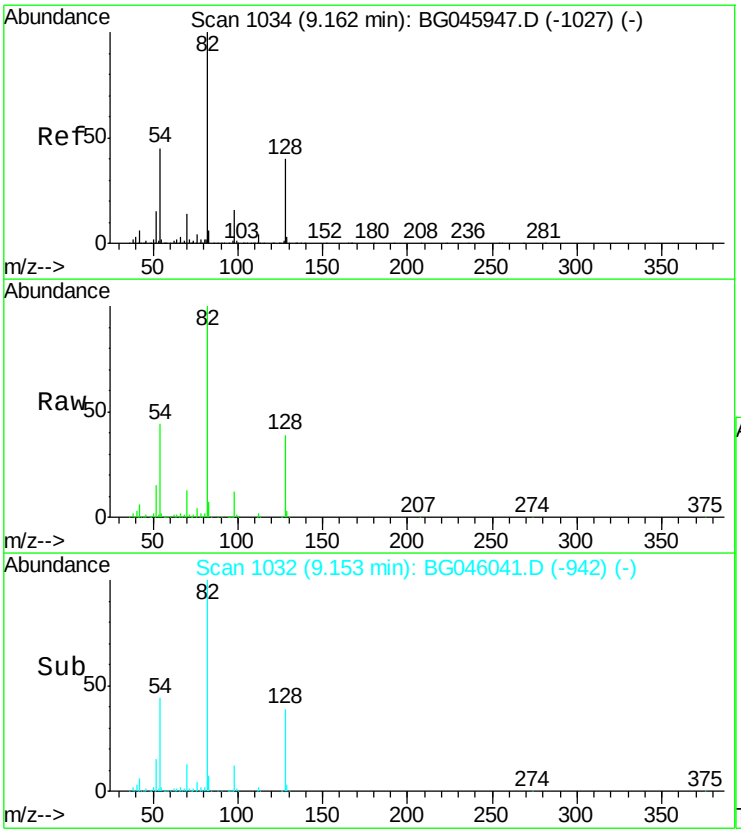
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG046041.D
Acq: 14 Jul 2020 20:29

Instrument :
BNA_G
ClientSampleId :
HR-05-071320

Tgt Ion:136 Resp: 461911

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	8.0	6.2	9.4
68	7.0	5.8	8.8

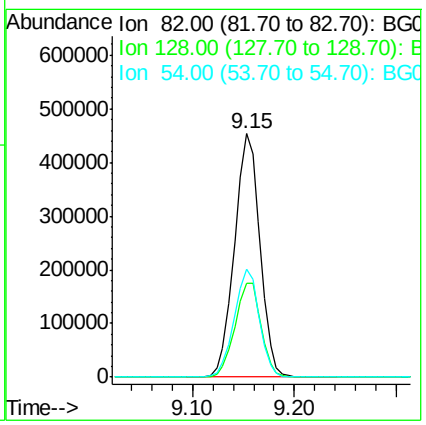


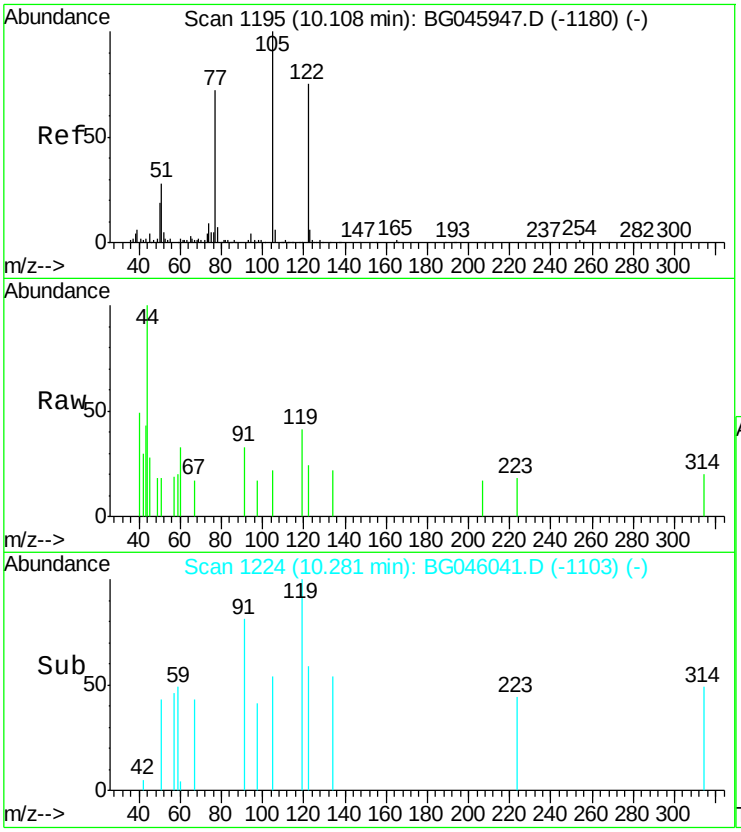


#23
Nitrobenzene-d5
Concen: 98.090 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG046041.D
Acq: 14 Jul 2020 20:29

Tgt Ion: 82 Resp: 787187

Ion	Ratio	Lower	Upper
82	100		
128	38.7	32.2	48.4
54	44.2	35.8	53.6



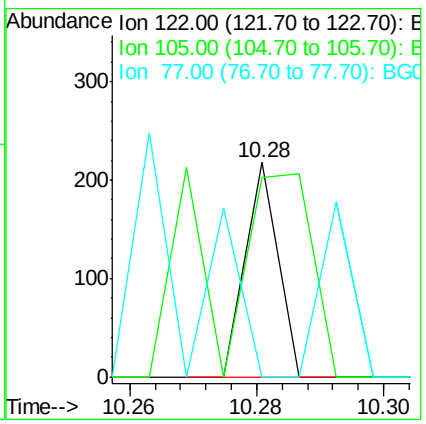


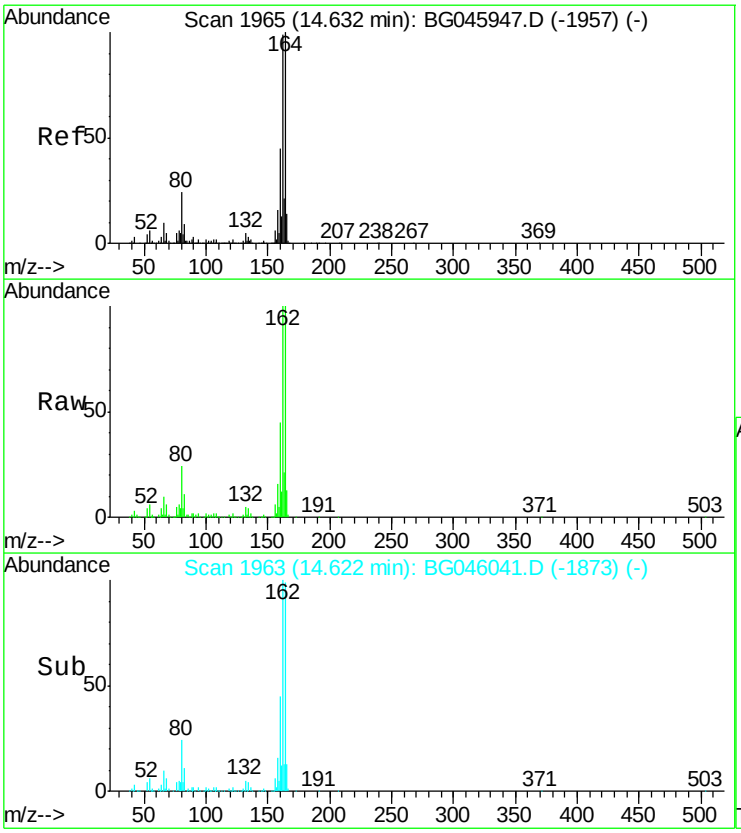
#32
Benzoic acid
Concen: 6.522 ng
RT: 10.28 min Scan# 1224
Delta R.T. 0.18 min
Lab File: BG046041.D
Acq: 14 Jul 2020 20:29

Instrument :
BNA_G
ClientSampleId :
HR-05-071320

Tgt Ion:122 Resp: 77

Ion	Ratio	Lower	Upper
122	100		
105	92.7	110.8	150.8#
77	0.0	76.4	116.4#

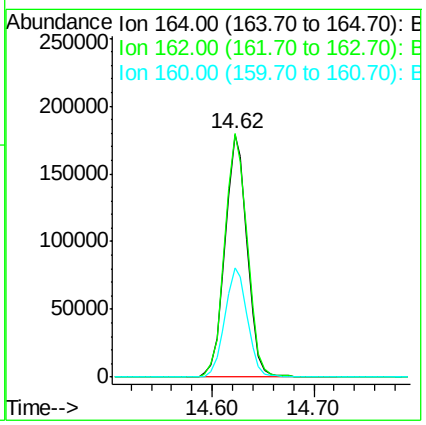


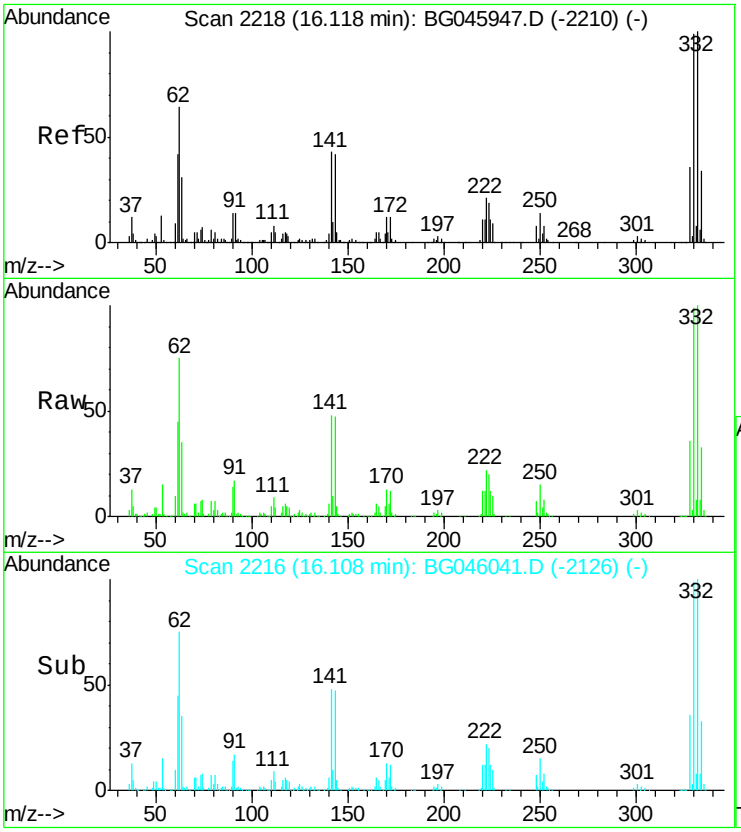


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG046041.D
Acq: 14 Jul 2020 20:29

Tgt Ion:164 Resp: 270276

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.3	118.9
160	45.0	35.7	53.5



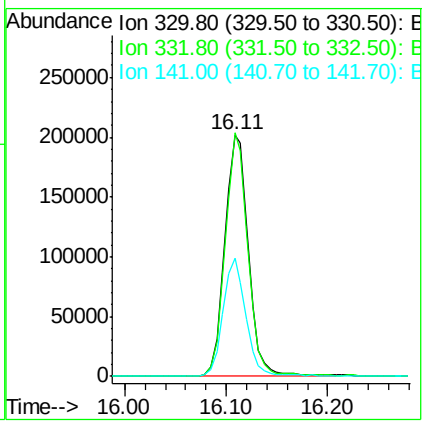


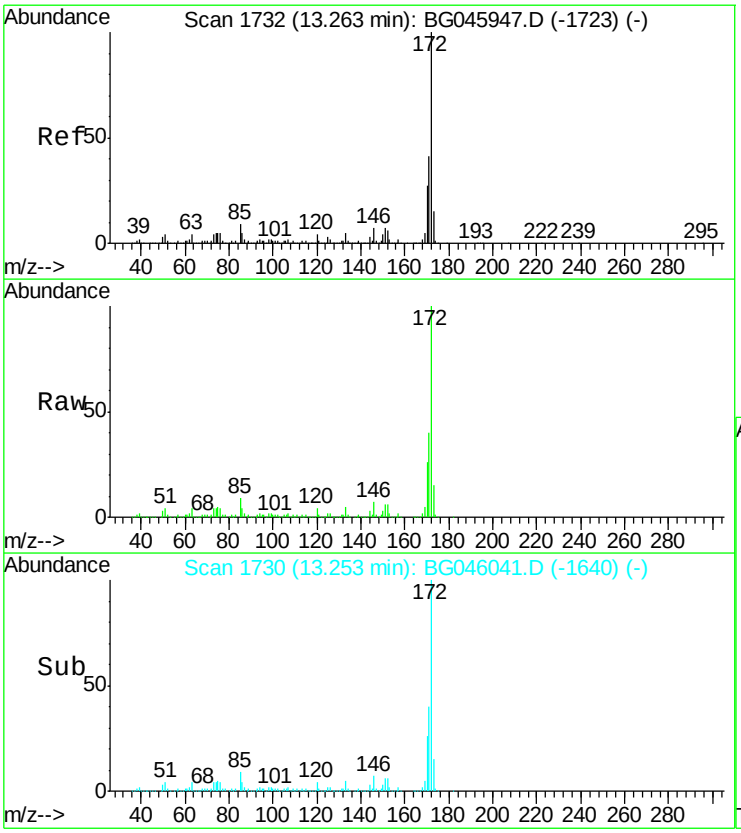
#42
2,4,6-Tribromophenol
Concen: 130.116 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG046041.D
Acq: 14 Jul 2020 20:29

Instrument :
BNA_G
ClientSampleId :
HR-05-071320

Tgt Ion:330 Resp: 326388

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.3	117.5
141	47.1	36.6	54.8

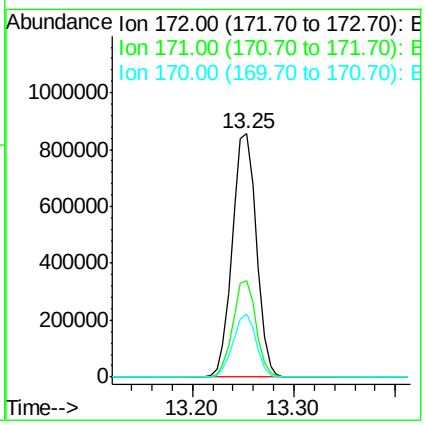


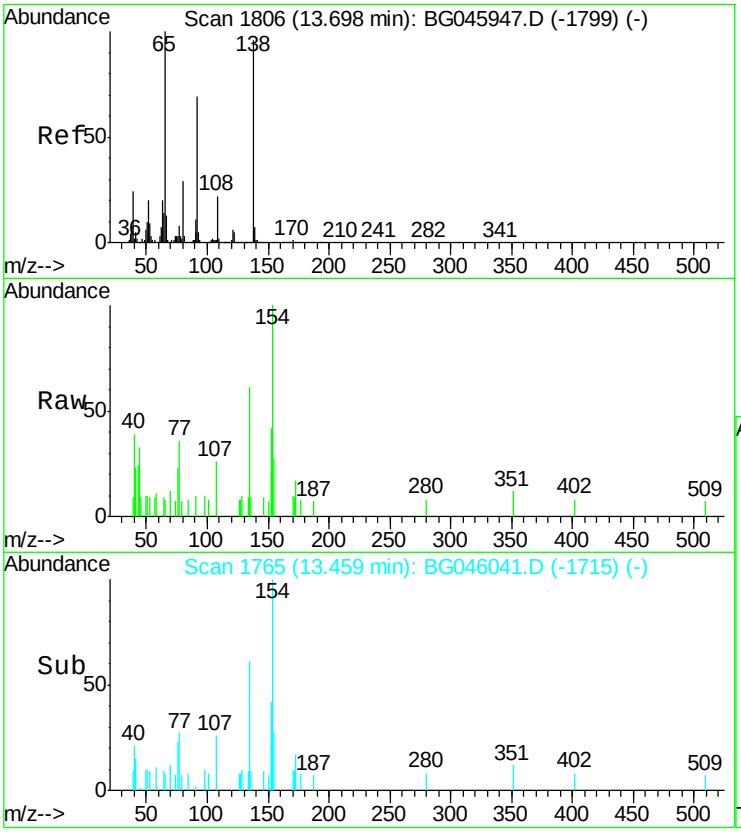


#45
2-Fluorobiphenyl
Concen: 81.744 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG046041.D
Acq: 14 Jul 2020 20:29

Tgt Ion:172 Resp: 1416397

Ion	Ratio	Lower	Upper
172	100		
171	39.8	32.9	49.3
170	25.9	21.8	32.6



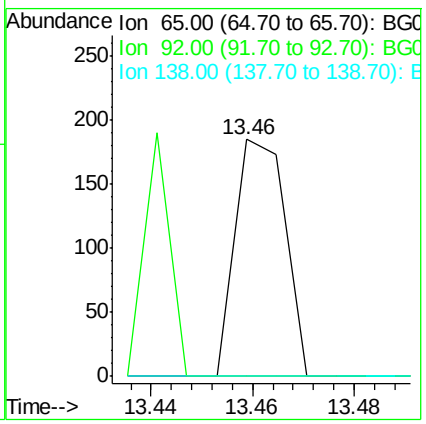


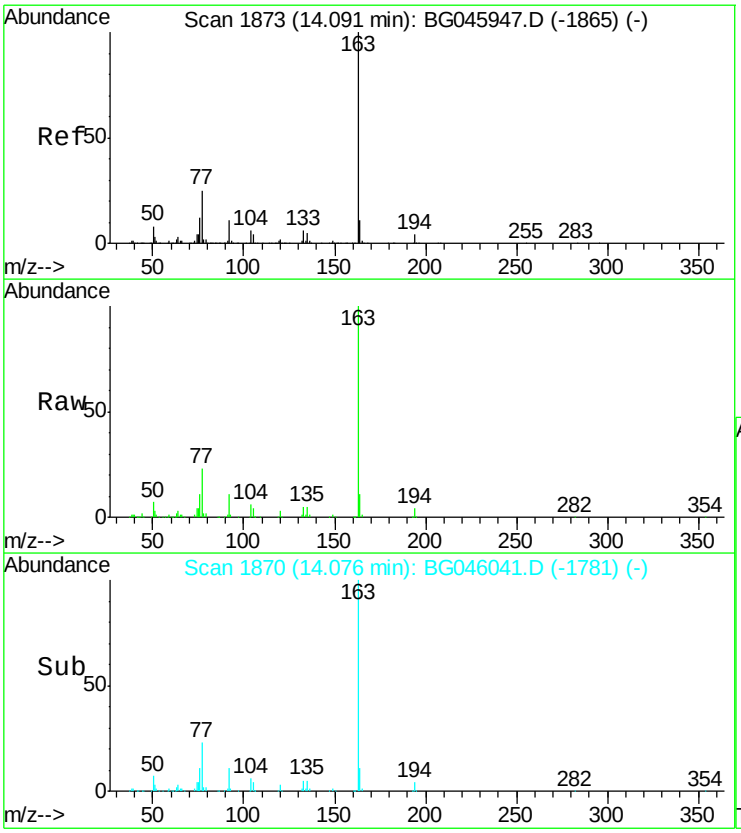
#48
2-Nitroaniline
Concen: 3.396 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.24 min
Lab File: BG046041.D
Acq: 14 Jul 2020 20:29

Instrument :
BNA_G
ClientSampleId :
HR-05-071320

Tgt Ion: 65 Resp: 126

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.4	83.0#
138	0.0	77.0	115.4#

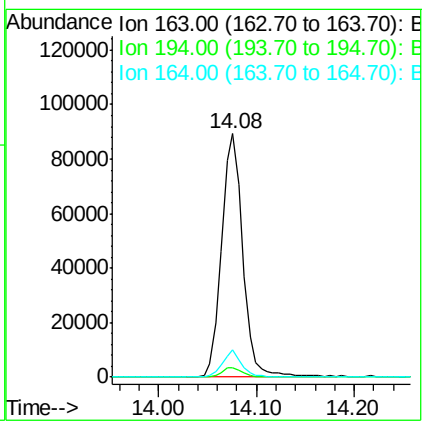


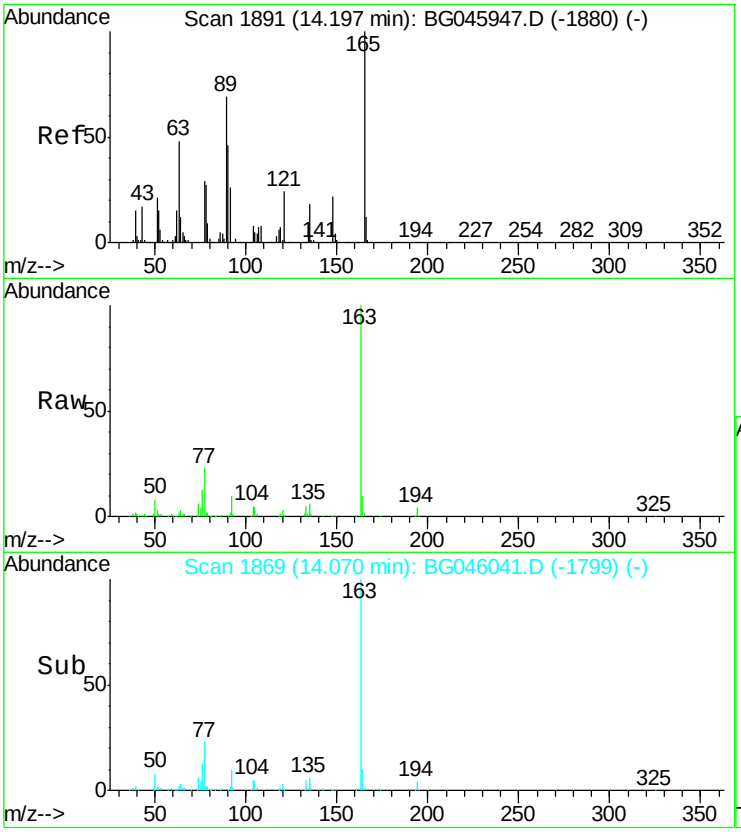


#50
Dimethylphthalate
Concen: 6.640 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG046041.D
Acq: 14 Jul 2020 20:29

Tgt Ion:163 Resp: 134673

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	11.3	8.9	13.3



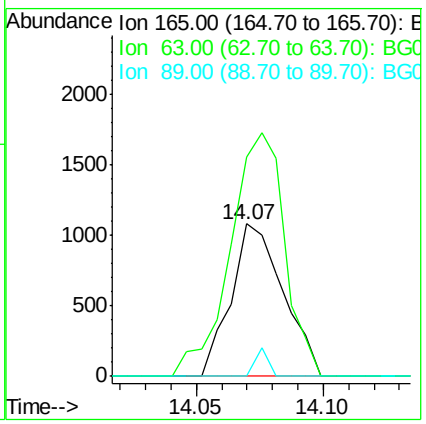


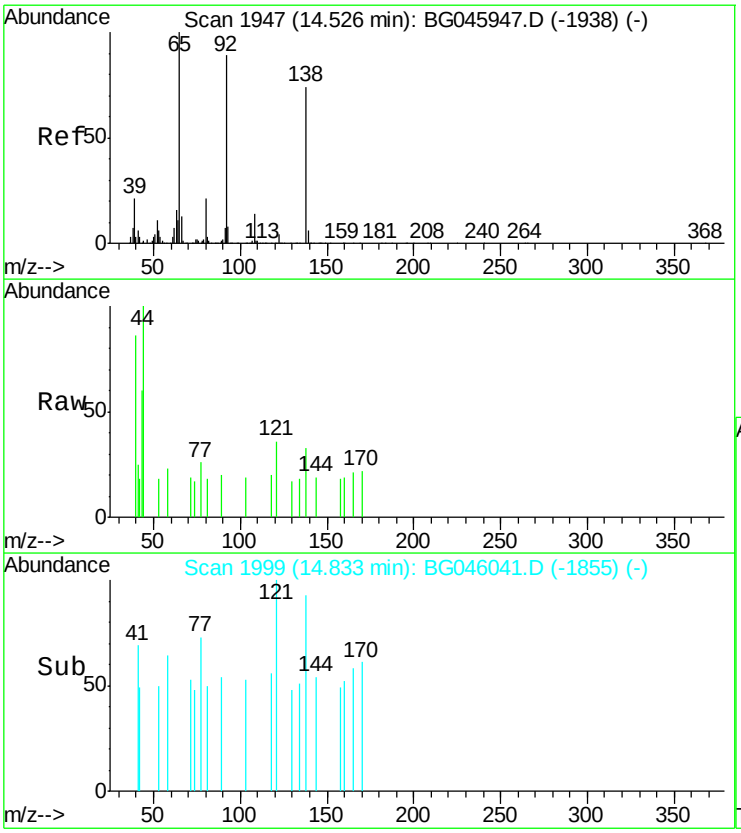
#51
2,6-Dinitrotoluene
Concen: 3.708 ng
RT: 14.07 min Scan# 1869
Delta R.T. -0.12 min
Lab File: BG046041.D
Acq: 14 Jul 2020 20:29

Instrument :
BNA_G
ClientSampleId :
HR-05-071320

Tgt Ion:165 Resp: 1549

Ion	Ratio	Lower	Upper
165	100		
63	144.3	51.0	76.4#
89	0.0	55.7	83.5#

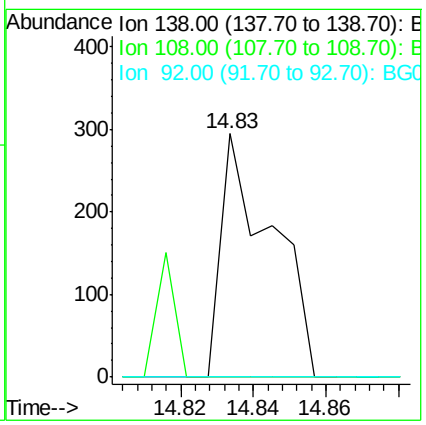


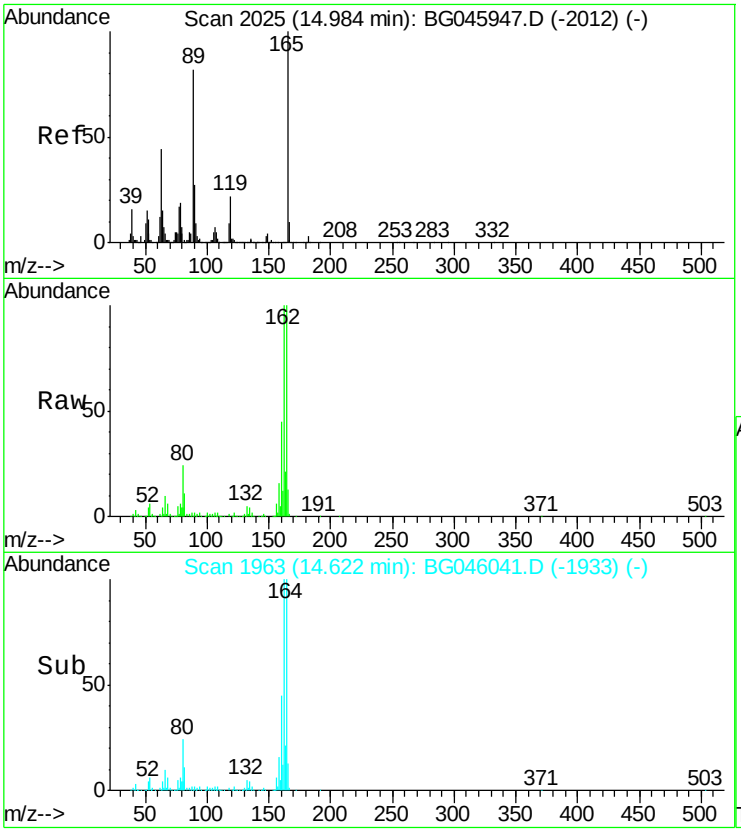


#53
3-Nitroaniline
Concen: 3.043 ng
RT: 14.83 min Scan# 1999
Delta R.T. 0.31 min
Lab File: BG046041.D
Acq: 14 Jul 2020 20:29

Tgt Ion:138 Resp: 286

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



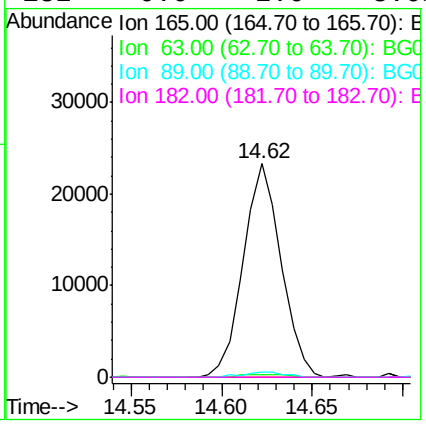


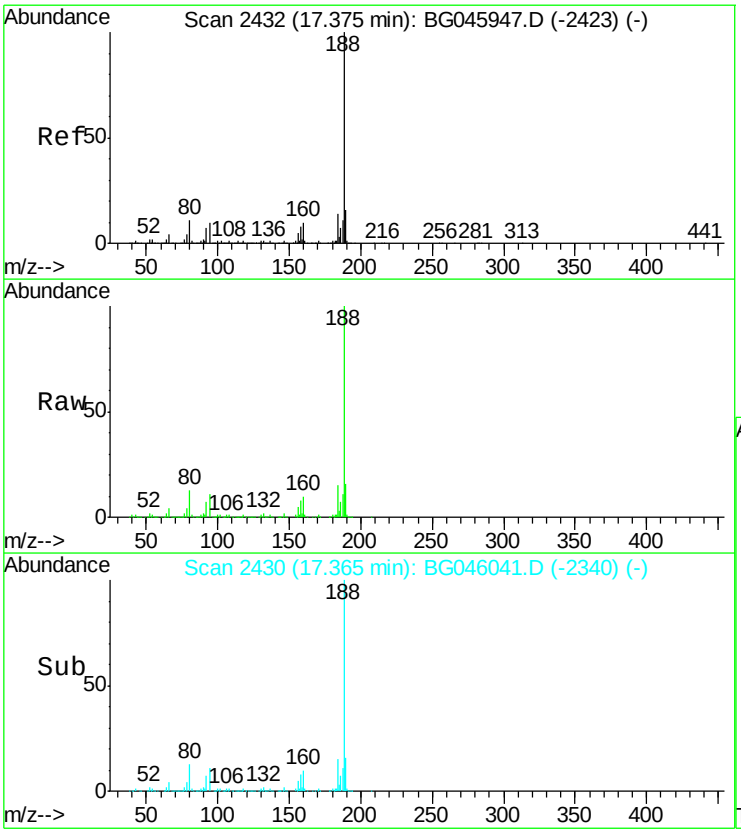
#57
2,4-Dinitrotoluene
Concen: 10.650 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.36 min
Lab File: BG046041.D
Acq: 14 Jul 2020 20:29

Instrument :
BNA_G
ClientSampleId :
HR-05-071320

Tgt Ion:165 Resp: 33925

Ion	Ratio	Lower	Upper
165	100		
63	1.3	35.4	53.0#
89	2.5	65.4	98.2#
182	0.0	2.0	3.0#

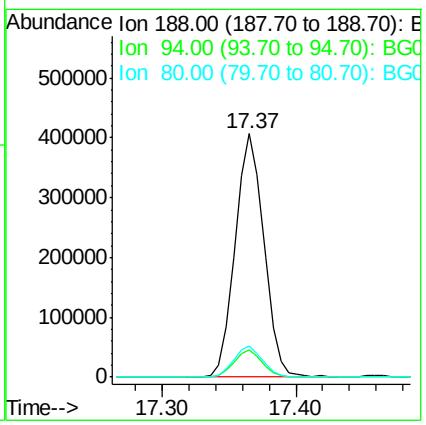


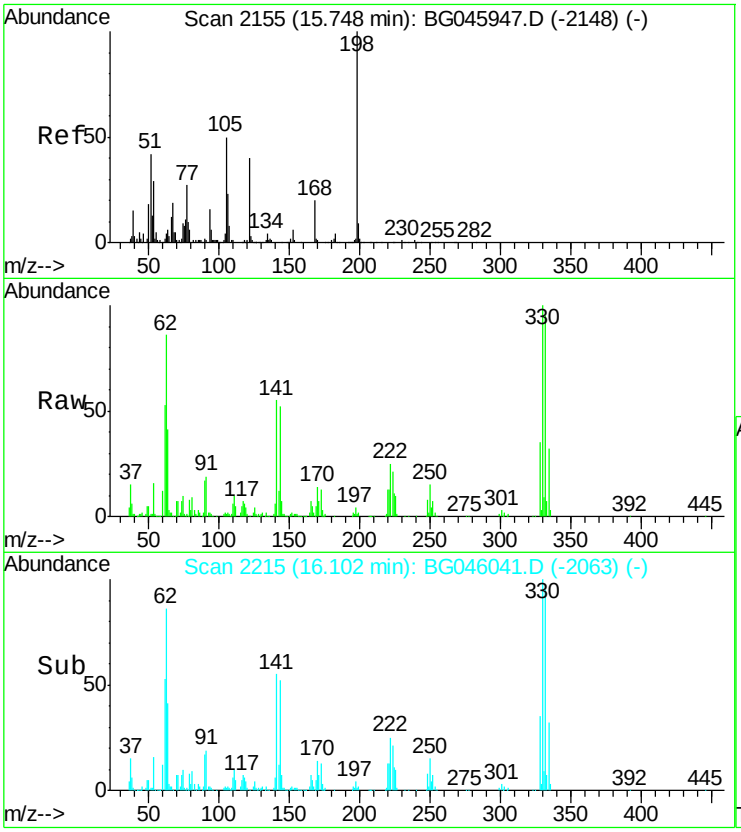


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046041.D
Acq: 14 Jul 2020 20:29

Tgt Ion:188 Resp: 605752

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.2	12.4
80	12.9	9.0	13.6



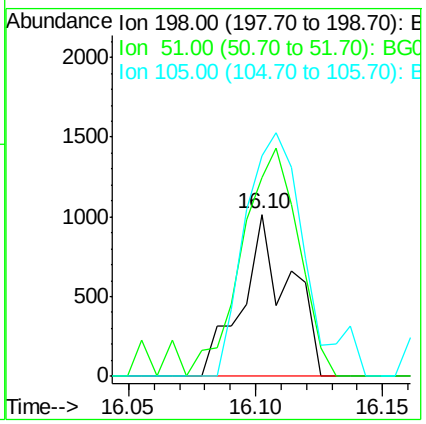


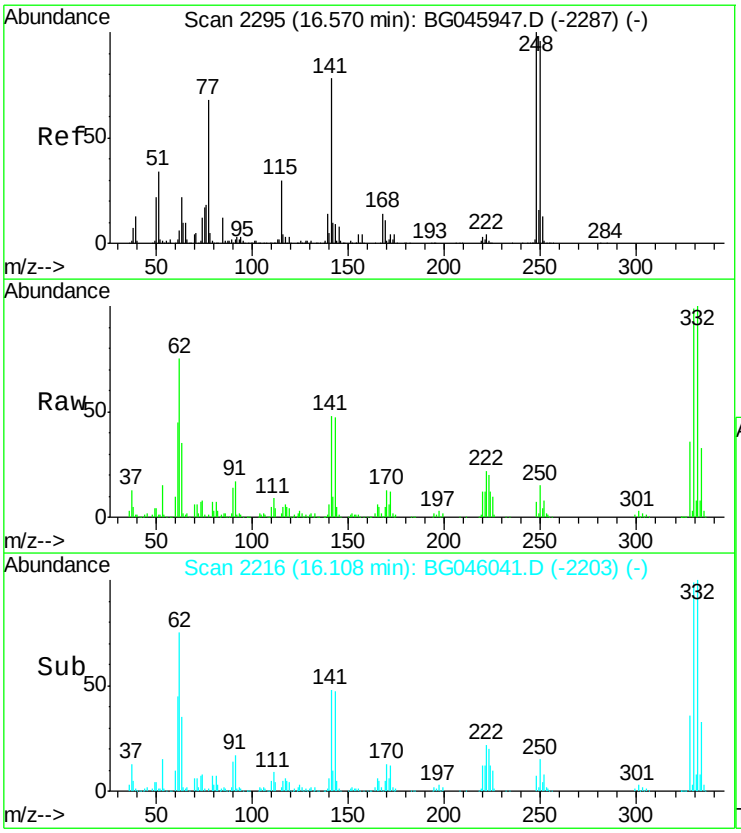
#65
4,6-Dinitro-2-methylphenol
Concen: 7.342 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.36 min
Lab File: BG046041.D
Acq: 14 Jul 2020 20:29

Instrument :
BNA_G
ClientSampleId :
HR-05-071320

Tgt Ion:198 Resp: 1339

Ion	Ratio	Lower	Upper
198	100		
51	122.6	24.5	64.5#
105	136.1	30.9	70.9#

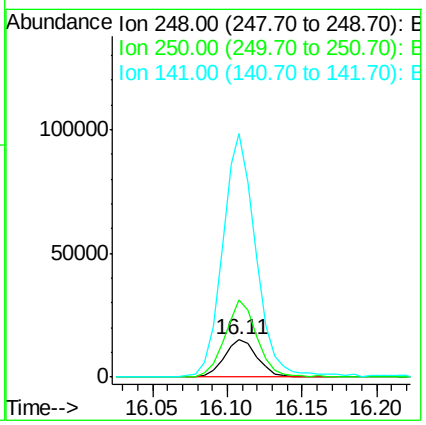


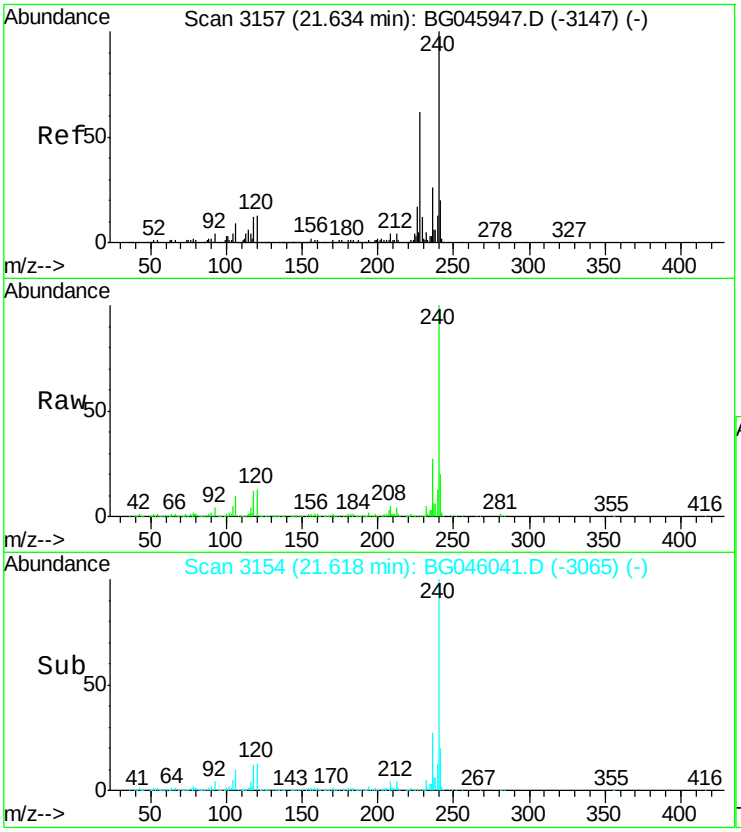


#67
4-Bromophenyl-phenylether
Concen: 3.457 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.46 min
Lab File: BG046041.D
Acq: 14 Jul 2020 20:29

Tgt Ion:248 Resp: 23390

Ion	Ratio	Lower	Upper
248	100		
250	206.0	76.6	114.8#
141	654.8	62.7	94.1#



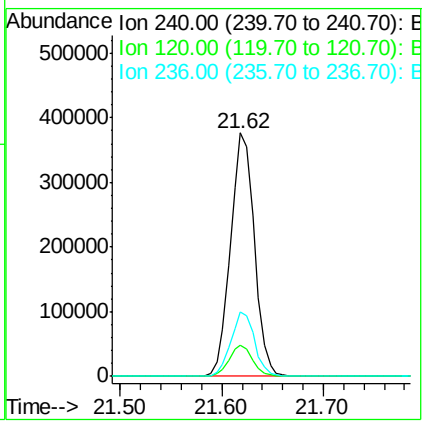


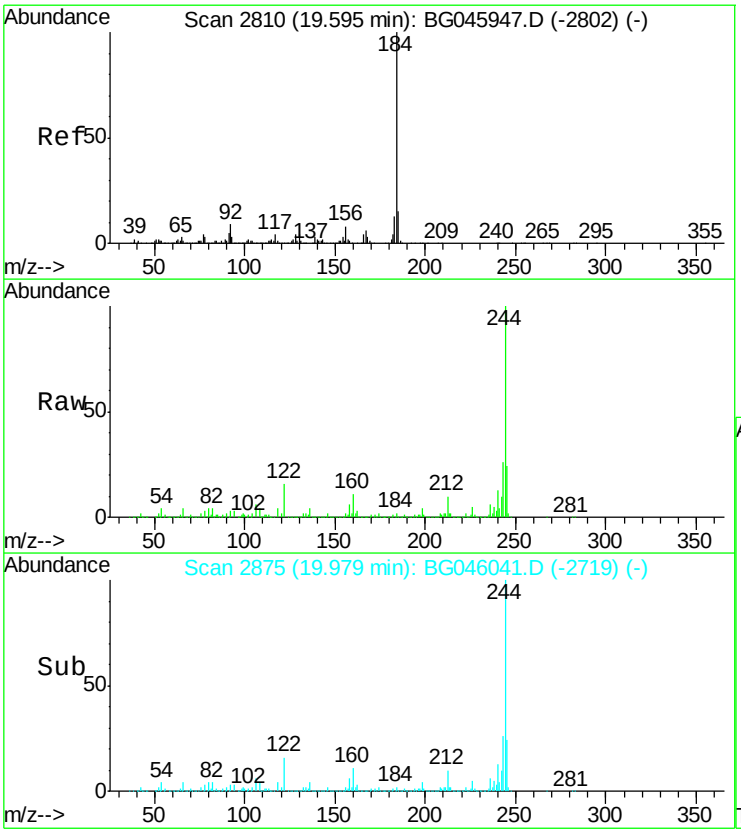
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG046041.D
Acq: 14 Jul 2020 20:29

Instrument :
BNA_G
ClientSampleId :
HR-05-071320

Tgt Ion:240 Resp: 613982

Ion	Ratio	Lower	Upper
240	100		
120	12.8	10.6	16.0
236	26.5	20.4	30.6

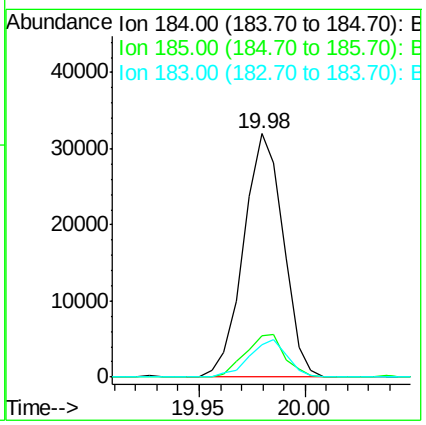


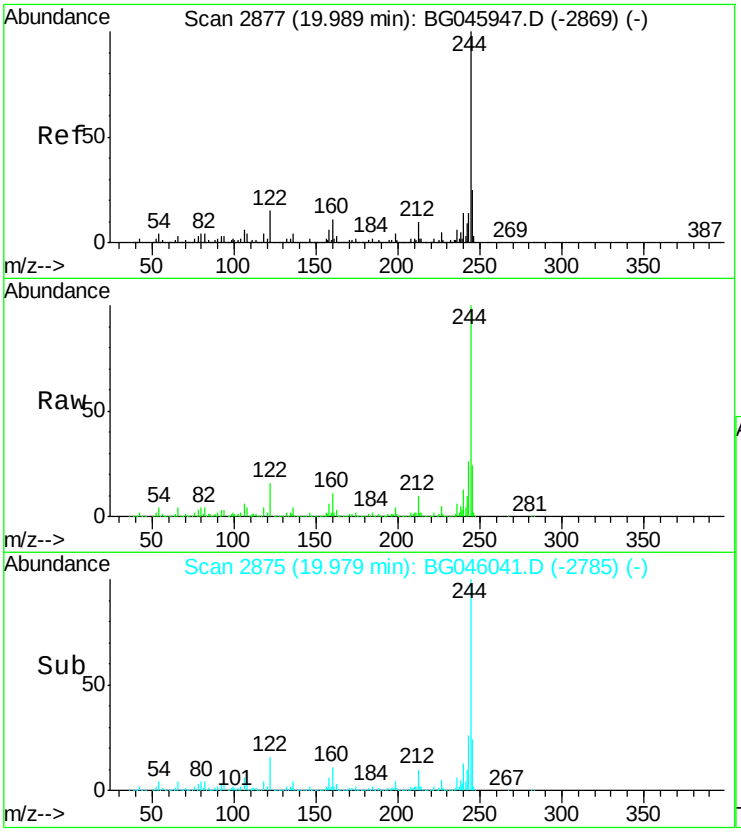


#77
Benzidine
Concen: 2.378 ng
RT: 19.98 min Scan# 2875
Delta R.T. 0.38 min
Lab File: BG046041.D
Acq: 14 Jul 2020 20:29

Tgt Ion:184 Resp: 41747

Ion	Ratio	Lower	Upper
184	100		
185	17.0	11.6	17.4
183	13.3	10.4	15.6



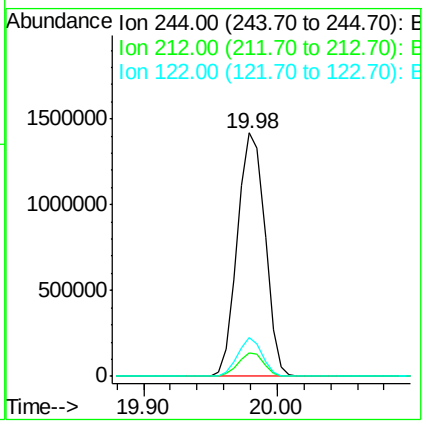


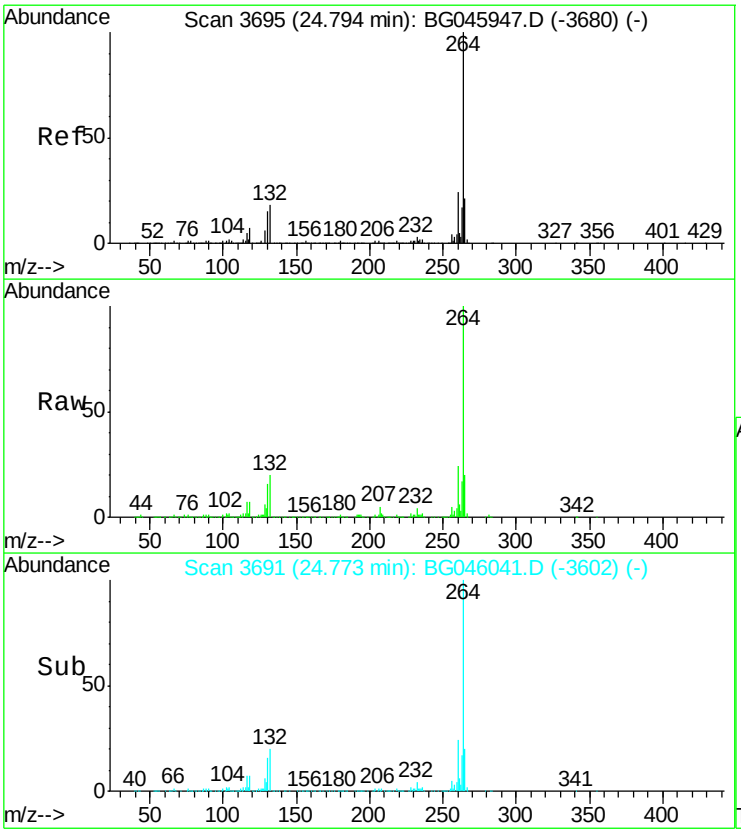
#79
Terphenyl-d14
Concen: 73.773 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG046041.D
Acq: 14 Jul 2020 20:29

Instrument :
BNA_G
ClientSampleId :
HR-05-071320

Tgt Ion:244 Resp: 2035268

Ion	Ratio	Lower	Upper
244	100		
212	9.7	8.3	12.5
122	15.7	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: BG046041.D
Acq: 14 Jul 2020 20:29

Tgt Ion:264 Resp: 600382

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	19.9	16.9	25.3