Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
Data File : BG045118.D
Acq On : 21 Apr 2020 19:18
Operator : CG/JU
Sample : L2327-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-D

Quant Time: Apr 22 00:26:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 11:57:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	53631	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	235305	20.00	ng		-0.01
39) Acenaphthene-d10	14.65	164	182450	20.00	ng		-0.01
64) Phenanthrene-d10	17.40	188	462955	20.00	ng		-0.01
76) Chrysene-d12	21.66	240	453924	20.00	ng		-0.01
87) Perylene-d12	24.85	264	477609	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	447051	137.62	ng		0.00
7) Phenol-d6	7.18	99	622377	128.95	ng		-0.02
23) Nitrobenzene-d5	9.17	82	506233	98.17	ng		-0.01
42) 2,4,6-Tribromophenol	16.14	330	445778	158.16	ng		-0.01
45) 2-Fluorobiphenyl	13.27	172	1255669	100.92	ng		-0.01
79) Terphenyl-d14	20.01	244	2206344	105.94	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.15	77	169	Below Cal		#	44
15) Benzyl Alcohol	8.35	79	9098	2.248	ng	#	64
19) n-Nitroso-di-n-propylamine	9.17	70	67737	19.845	ng	#	74
32) Benzoic acid	10.13	122	223	6.440	ng		97
51) 2,6-Dinitrotoluene	14.65	165	23990	7.220	ng	#	25
57) 2,4-Dinitrotoluene	14.65	165	23990	4.940	ng	#	22
67) 4-Bromophenyl-phenylether	16.14	248	30074	5.035	ng	#	1
74) Di-n-butylphthalate	18.36	149	1962	Below Cal		#	85
75) Fluoranthene	19.45	202	893	Below Cal			87
77) Benzidine	20.01	184	44716	Below Cal		#	91

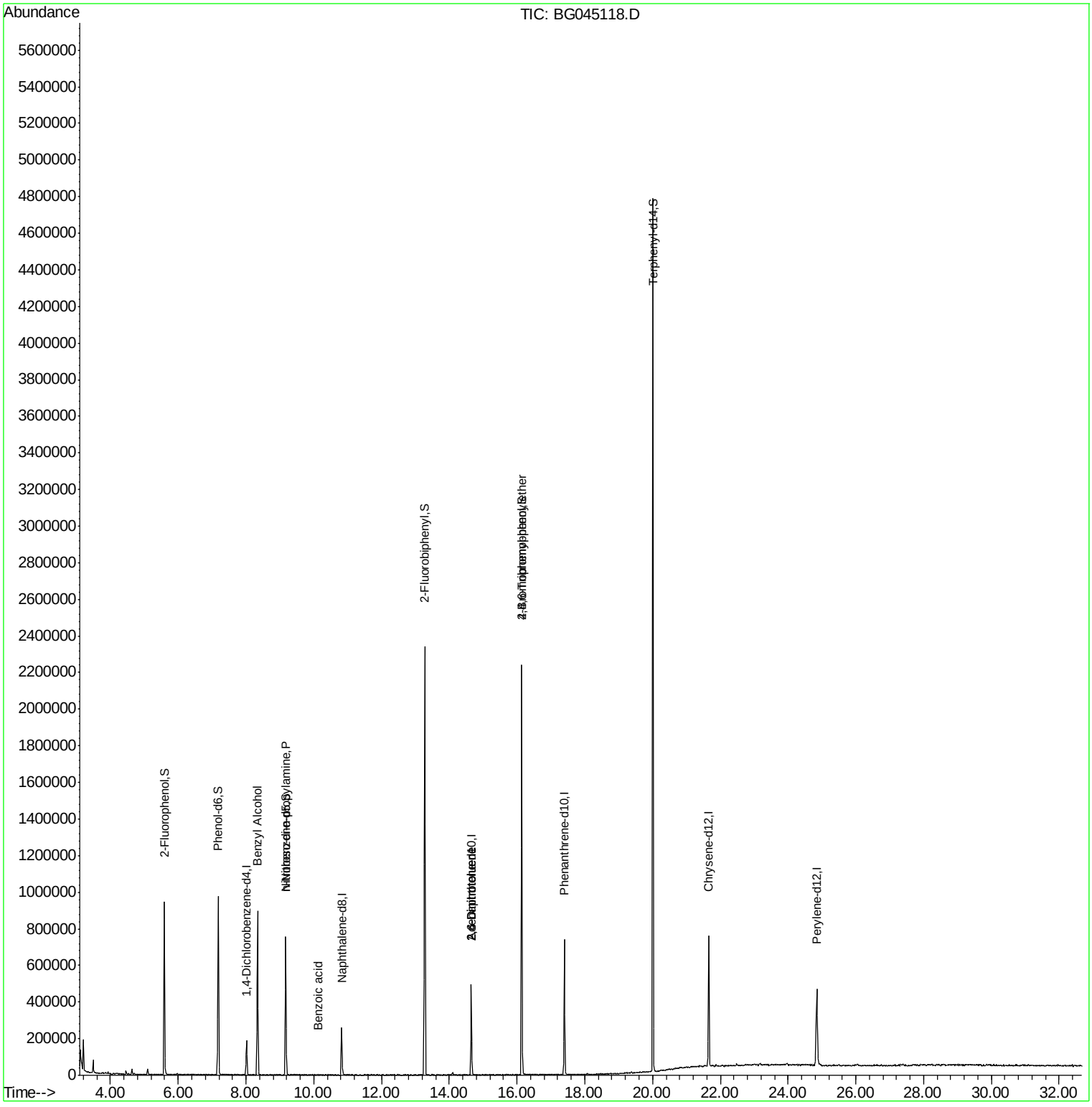
(#) = qualifier out of range (m) = manual integration (+) = signals summed

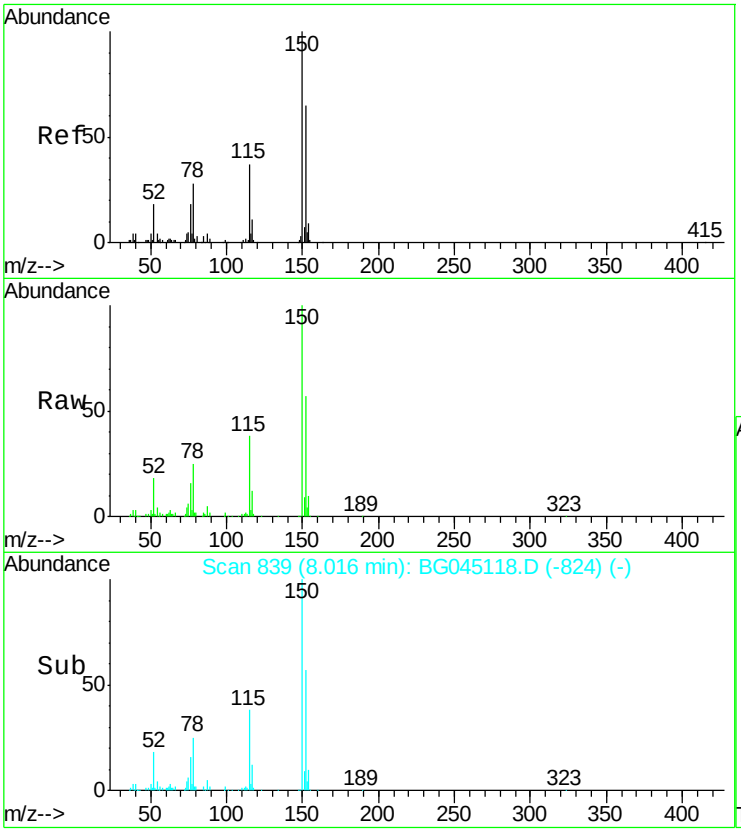
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
Data File : BG045118.D
Acq On : 21 Apr 2020 19:18
Operator : CG/JU
Sample : L2327-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-D

Quant Time: Apr 22 00:26:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 11:57:28 2020
Response via : Initial Calibration



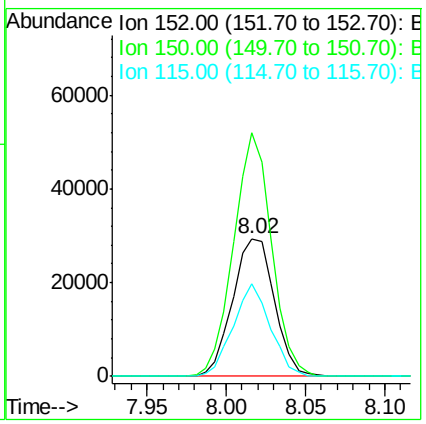


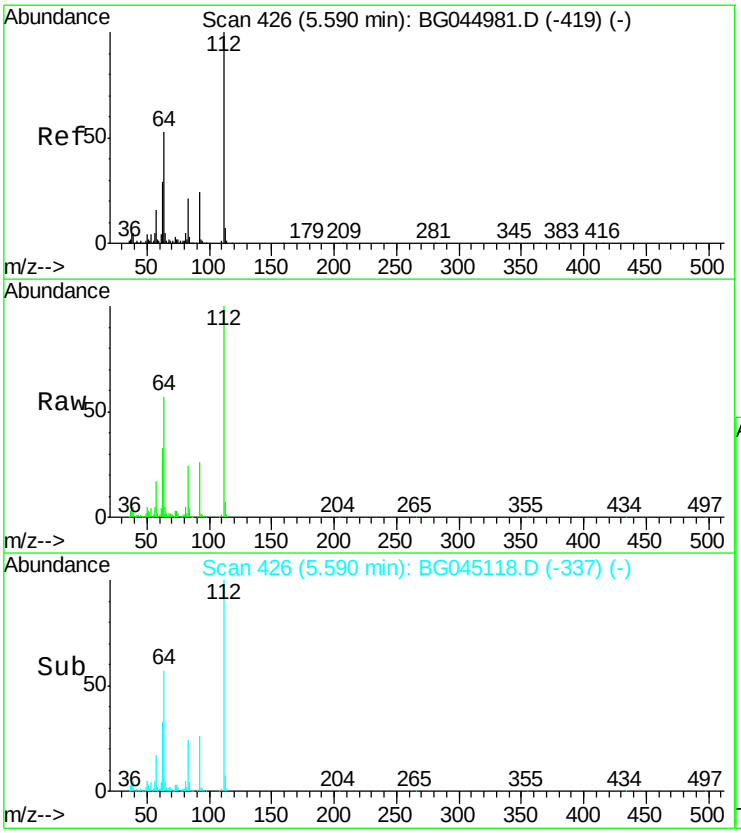
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Instrument :
BNA_G
ClientSampleId :
TP-1-D

Tgt Ion:152 Resp: 53631

Ion	Ratio	Lower	Upper
152	100		
150	176.6	123.6	185.4
115	66.9	49.1	73.7

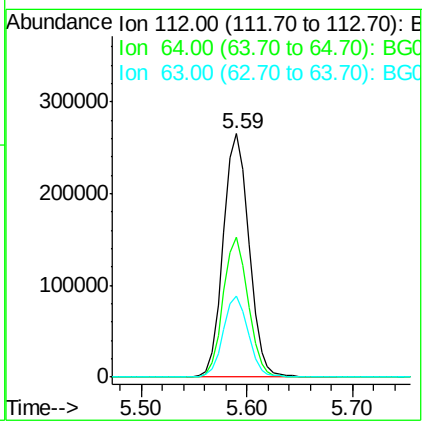


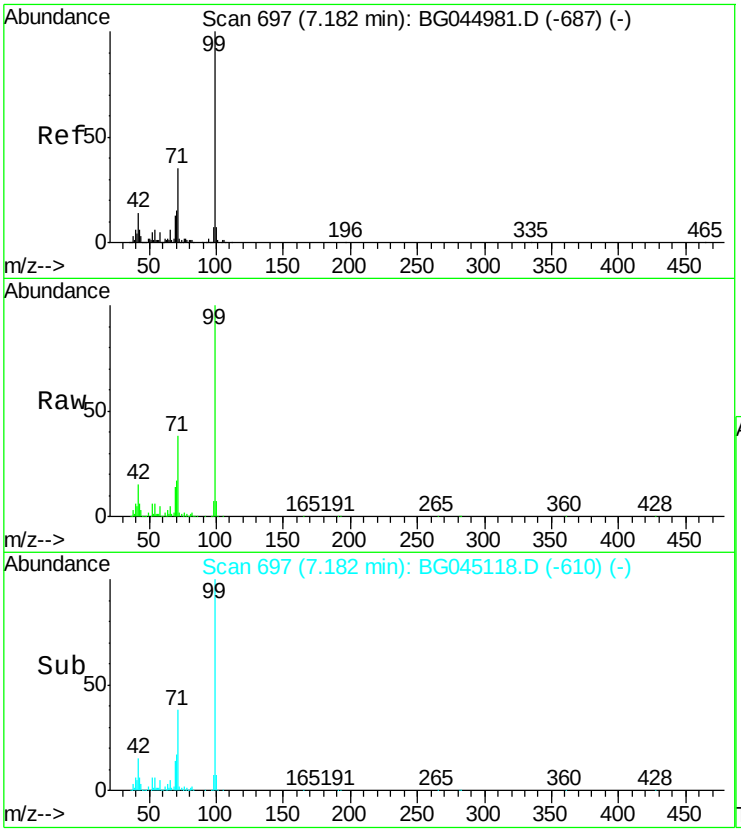


#5
2-Fluorophenol
Concen: 137.618 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.01 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Tgt Ion:112 Resp: 447051

Ion	Ratio	Lower	Upper
112	100		
64	57.3	42.4	63.6
63	33.3	23.1	34.7



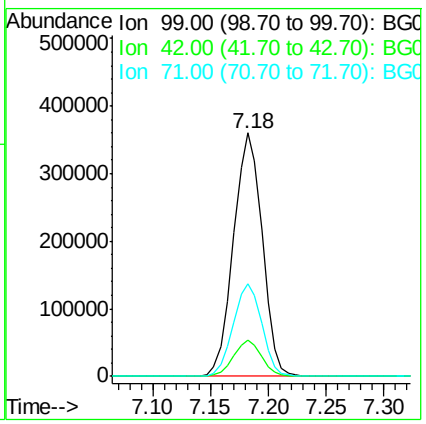


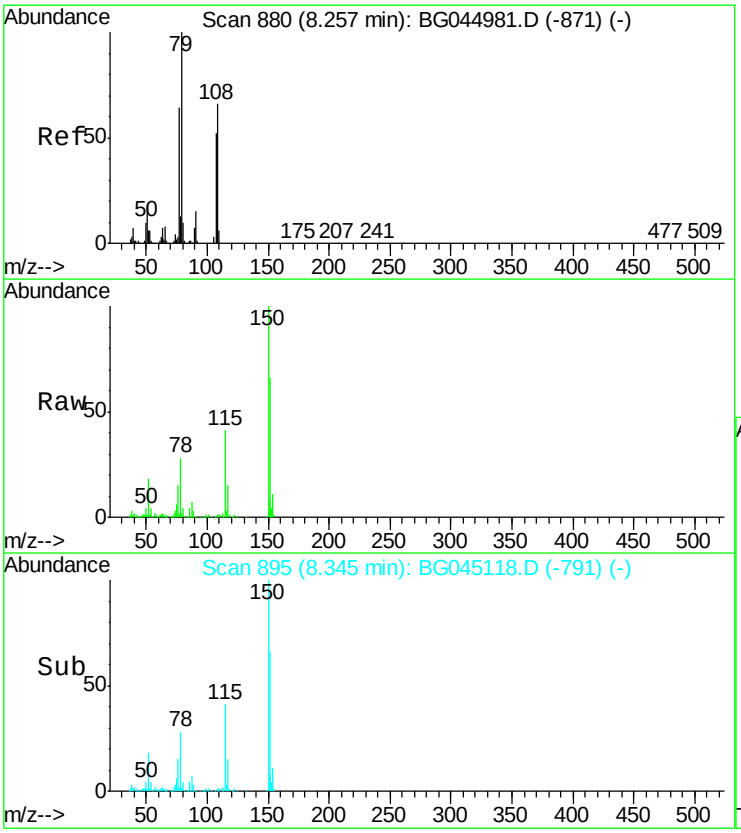
#7
Phenol-d6
Concen: 128.951 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.02 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Instrument :
BNA_G
ClientSampleId :
TP-1-D

Tgt Ion: 99 Resp: 622377

Ion	Ratio	Lower	Upper
99	100		
42	14.6	11.3	16.9
71	38.1	28.3	42.5

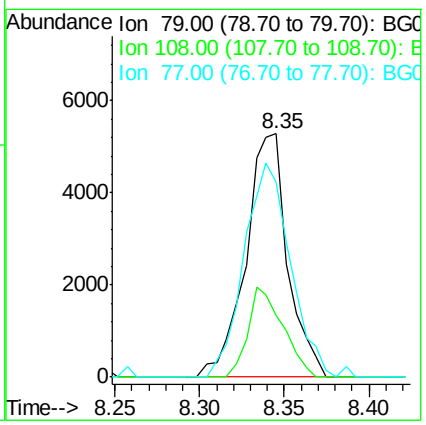


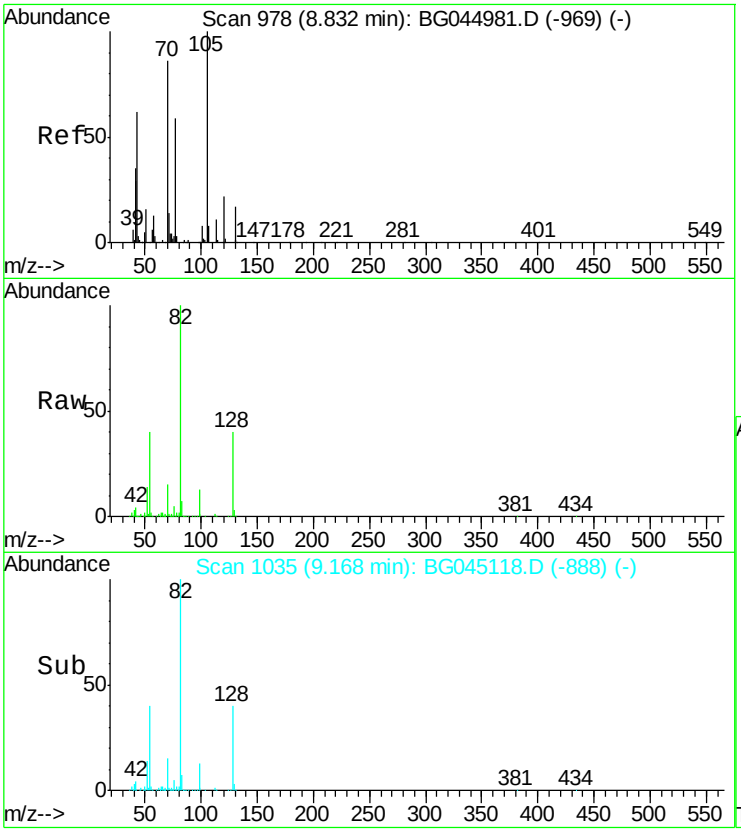


#15
Benzyl Alcohol
Concen: 2.248 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.08 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Tgt Ion: 79 Resp: 9098

Ion	Ratio	Lower	Upper
79	100		
108	25.6	52.7	79.1#
77	79.9	51.3	76.9#



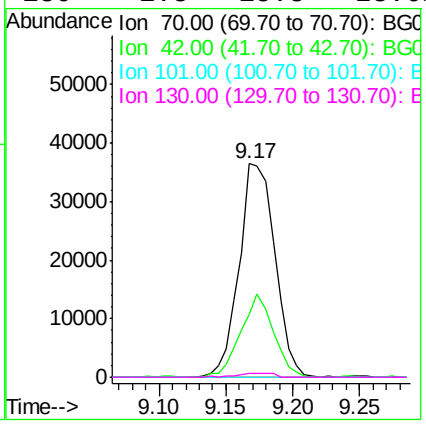


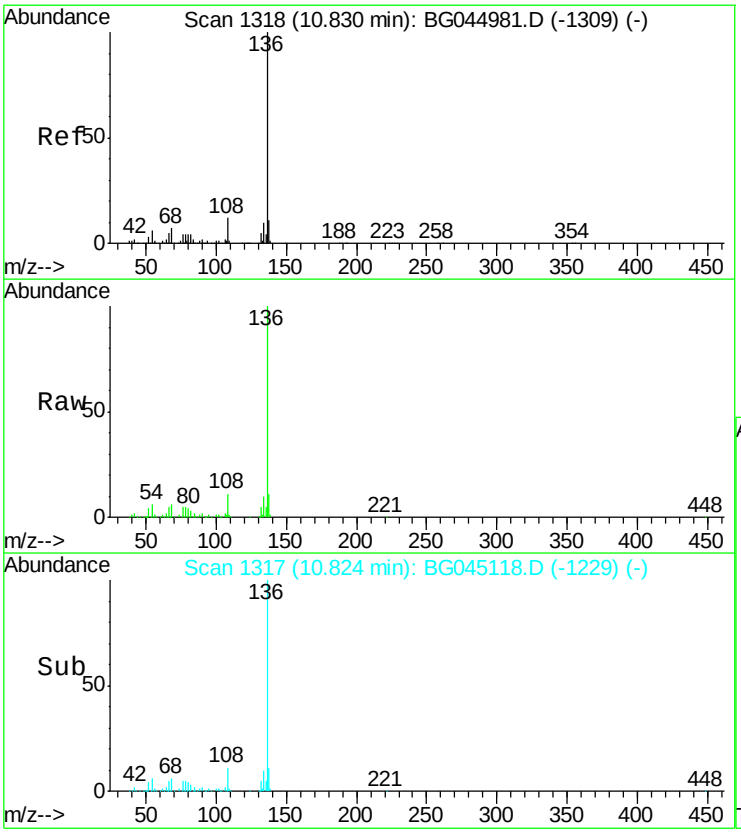
#19
n-Nitroso-di-n-propylamine
Concen: 19.845 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.33 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Instrument :
BNA_G
ClientSampleId :
TP-1-D

Tgt Ion: 70 Resp: 67737

Ion	Ratio	Lower	Upper
70	100		
42	29.4	33.3	49.9#
101	0.0	7.8	11.8#
130	1.8	15.8	23.6#

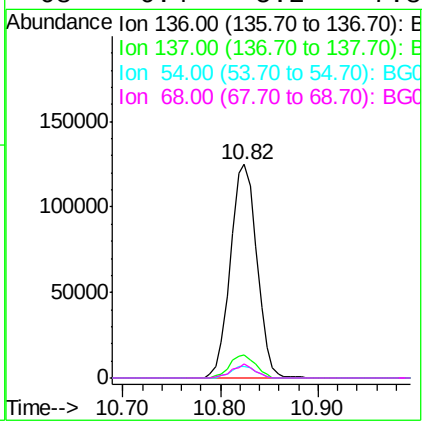


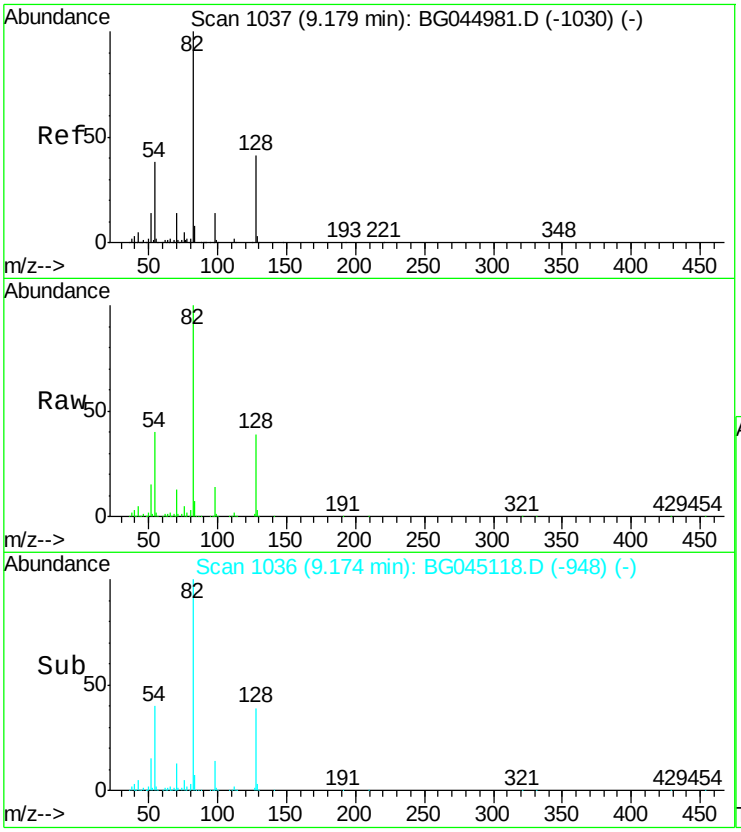


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Tgt Ion:136 Resp: 235305

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	5.6	4.8	7.2
68	6.4	5.2	7.8



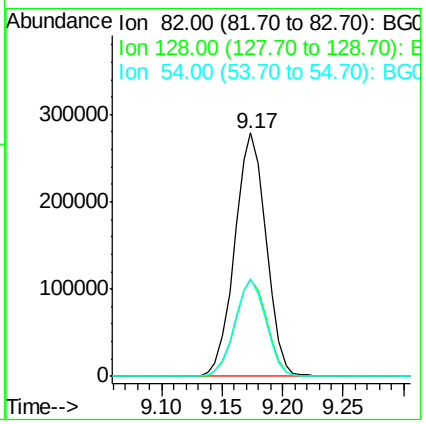


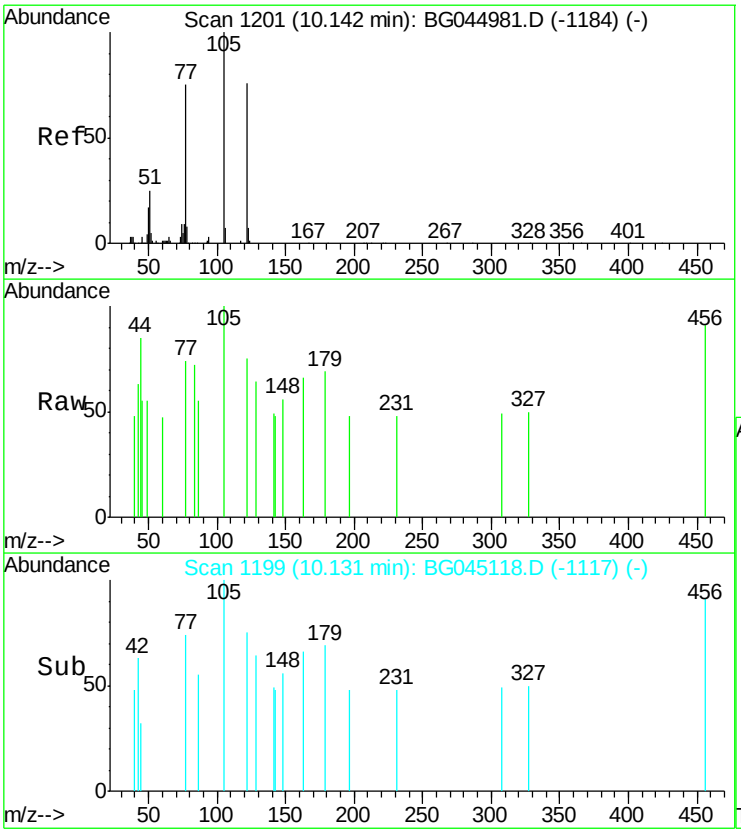
#23
Nitrobenzene-d5
Concen: 98.165 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Instrument :
BNA_G
ClientSampleId :
TP-1-D

Tgt Ion: 82 Resp: 506233

Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.0	49.4
54	40.0	30.4	45.6

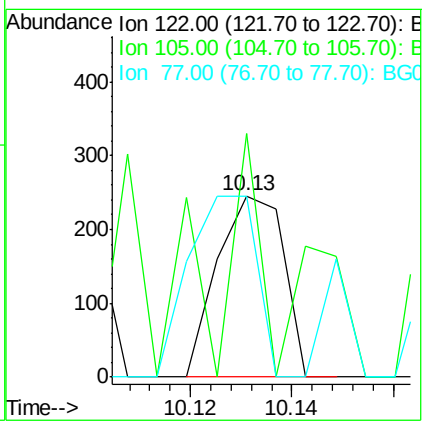


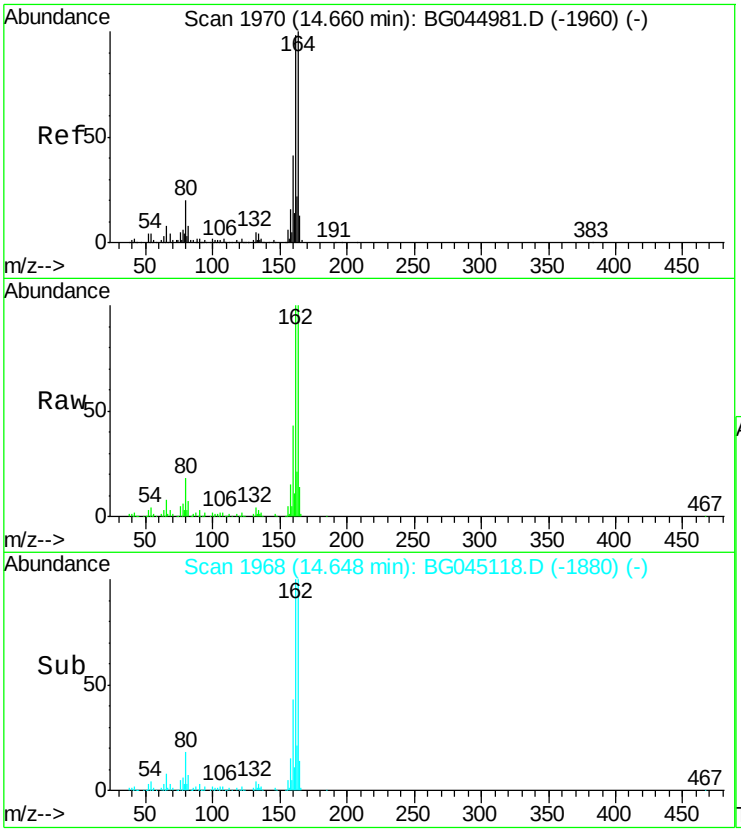


#32
Benzoic acid
Concen: 6.440 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.05 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Tgt Ion:122 Resp: 223

Ion	Ratio	Lower	Upper
122	100		
105	134.1	108.4	148.4
77	99.6	78.8	118.8



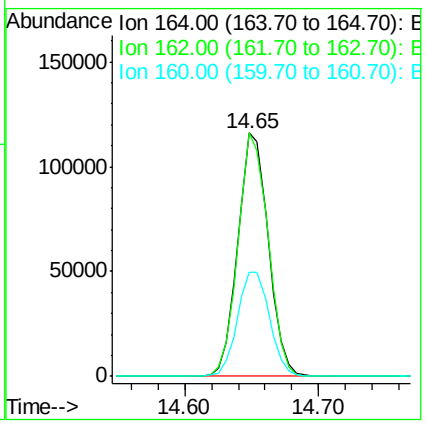


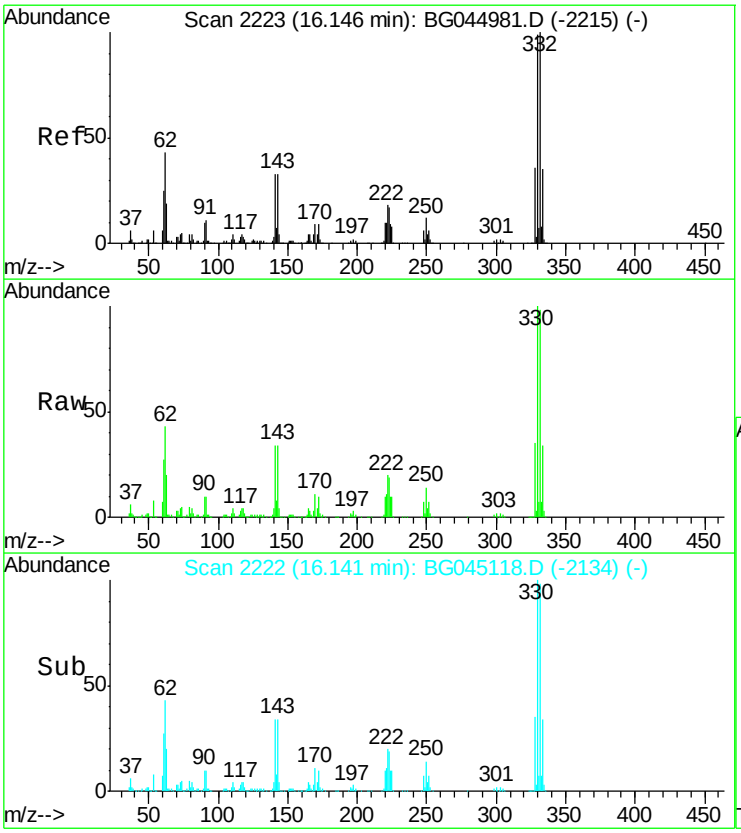
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Instrument :
BNA_G
ClientSampleId :
TP-1-D

Tgt Ion:164 Resp: 182450

Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.7	118.1
160	42.7	32.8	49.2

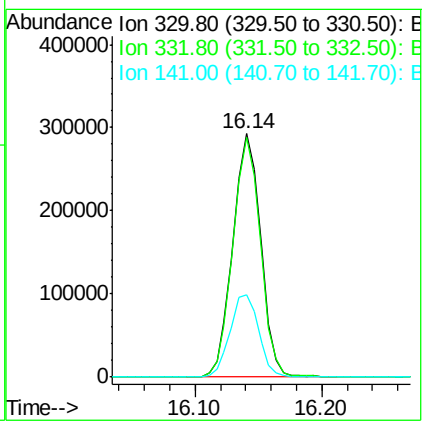


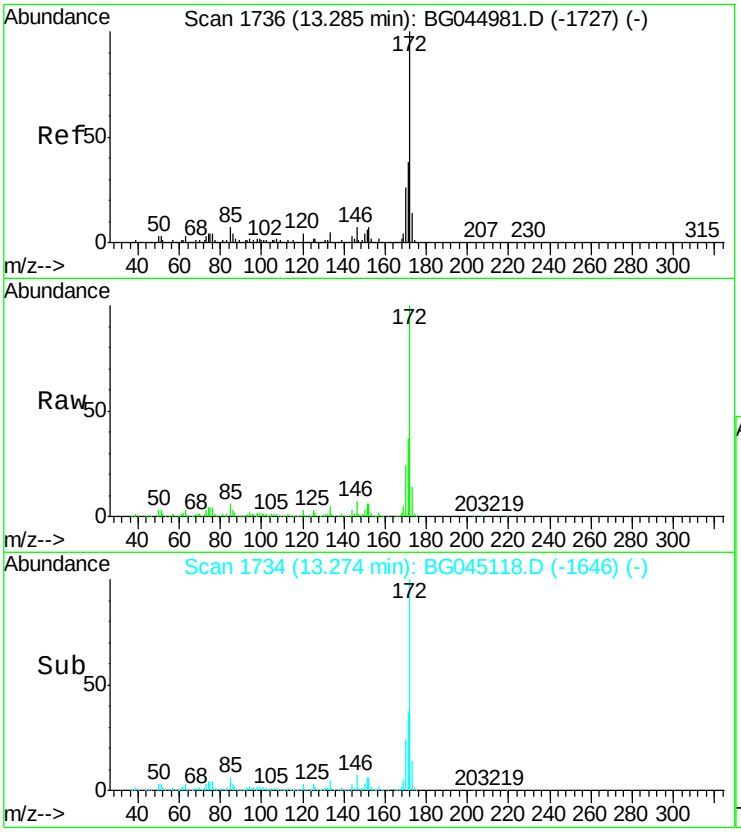


#42
2,4,6-Tribromophenol
Concen: 158.155 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Tgt Ion:330 Resp: 445778

Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.1	118.7
141	34.6	27.1	40.7



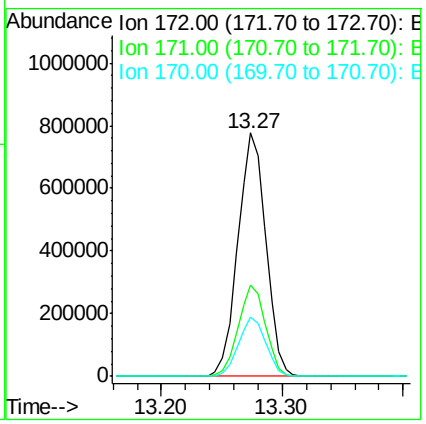


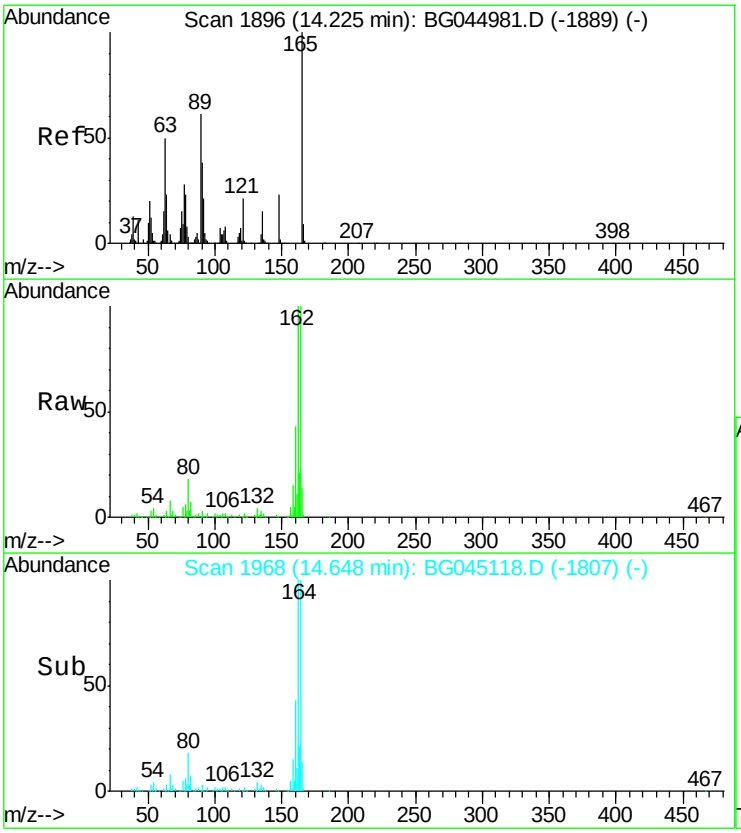
#45
2-Fluorobiphenyl
Concen: 100.916 ng
RT: 13.27 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Instrument :
BNA_G
ClientSampleId :
TP-1-D

Tgt Ion:172 Resp: 1255669

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	46.0
170	24.2	20.5	30.7

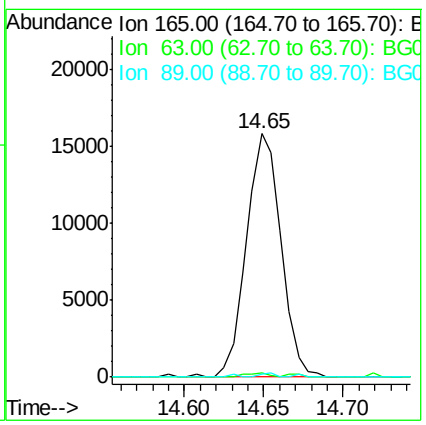


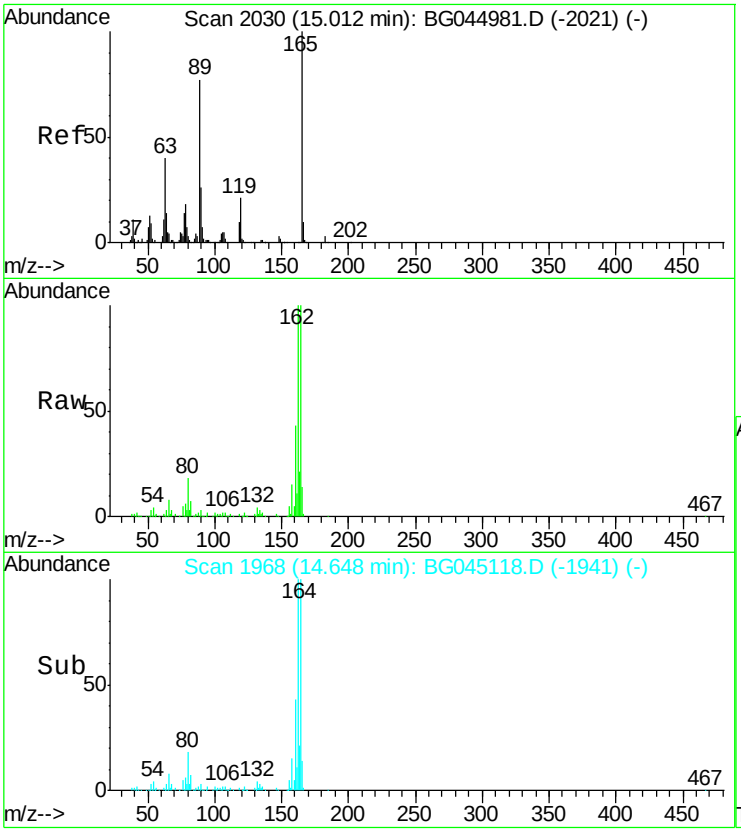


#51
2,6-Dinitrotoluene
Concen: 7.220 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.42 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Tgt Ion:165 Resp: 23990

Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.4	60.6#
89	1.0	49.1	73.7#



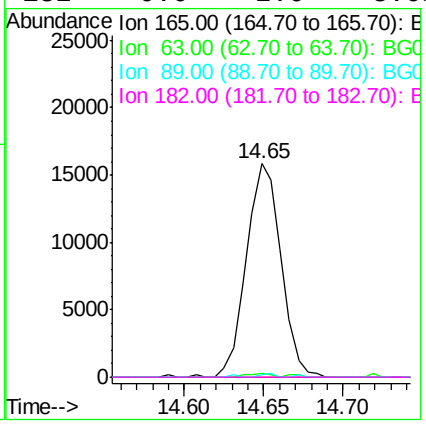


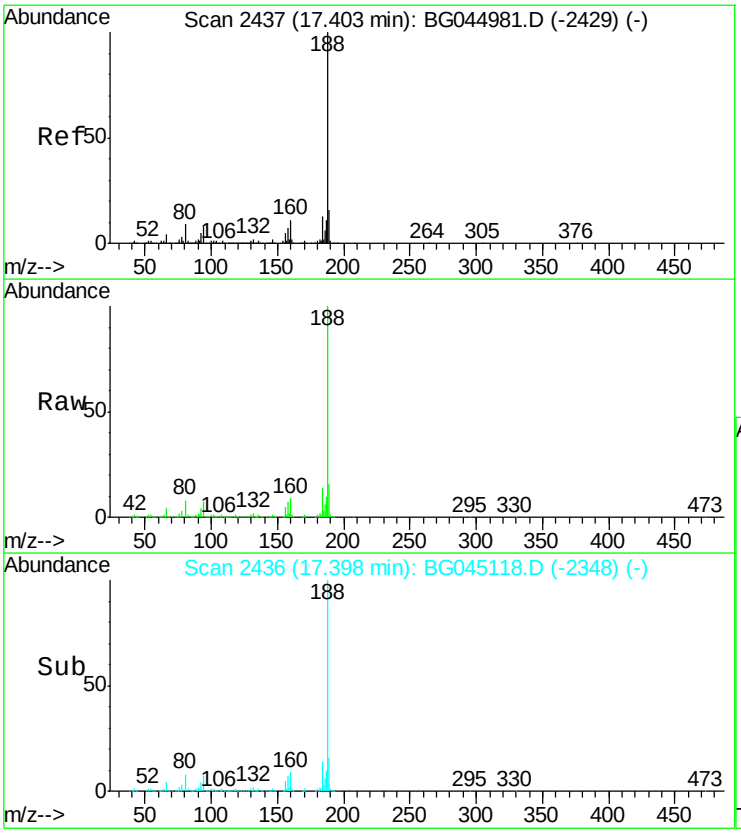
#57
2,4-Dinitrotoluene
Concen: 4.940 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.37 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Instrument :
BNA_G
ClientSampleId :
TP-1-D

Tgt Ion:165 Resp: 23990

Ion	Ratio	Lower	Upper
165	100		
63	1.9	32.2	48.2#
89	1.0	61.7	92.5#
182	0.0	2.0	3.0#

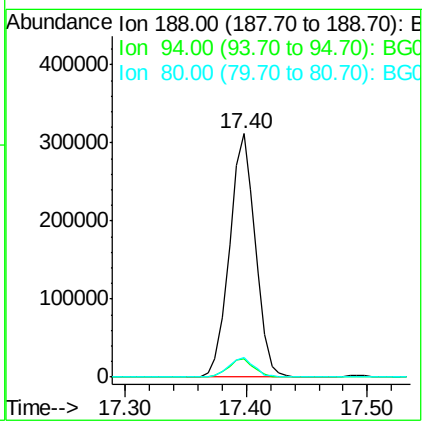


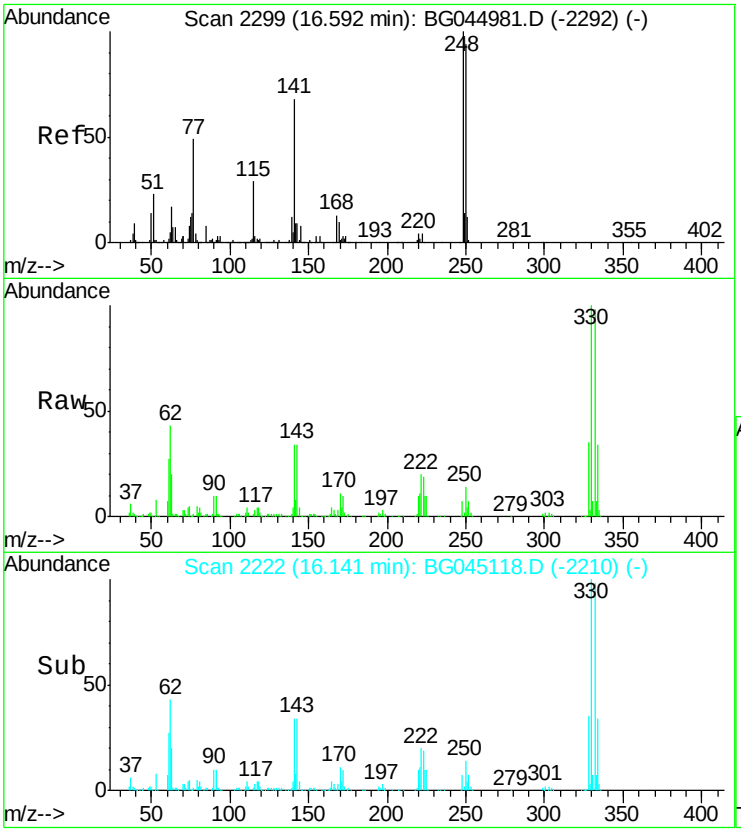


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Tgt Ion:188 Resp: 462955

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.2	9.4
80	7.9	7.0	10.6



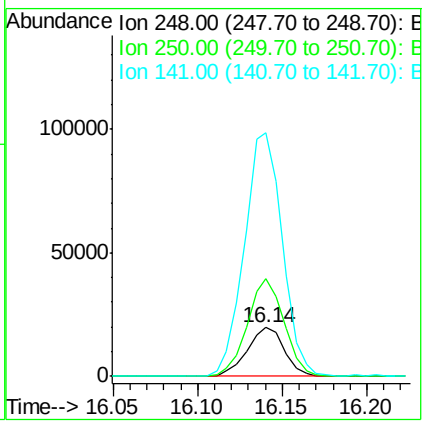


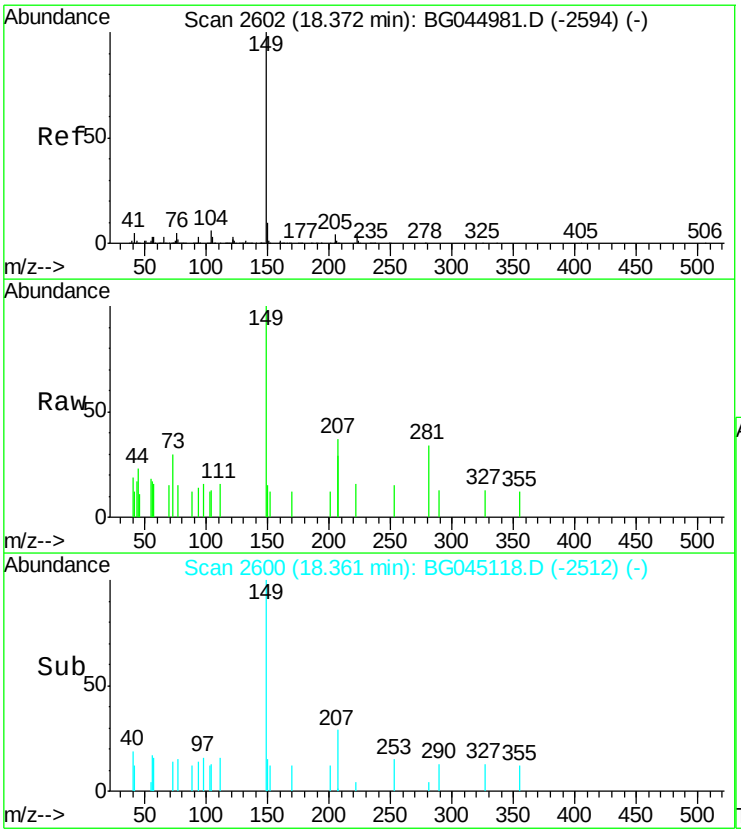
#67
4-Bromophenyl-phenylether
Concen: 5.035 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.46 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Instrument :
BNA_G
ClientSampleId :
TP-1-D

Tgt Ion:248 Resp: 30074

Ion	Ratio	Lower	Upper
248	100		
250	200.8	75.4	113.2#
141	497.6	54.4	81.6#

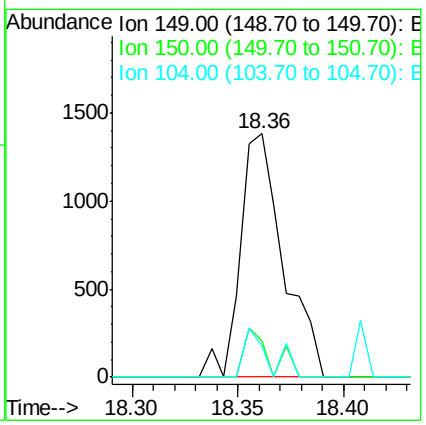


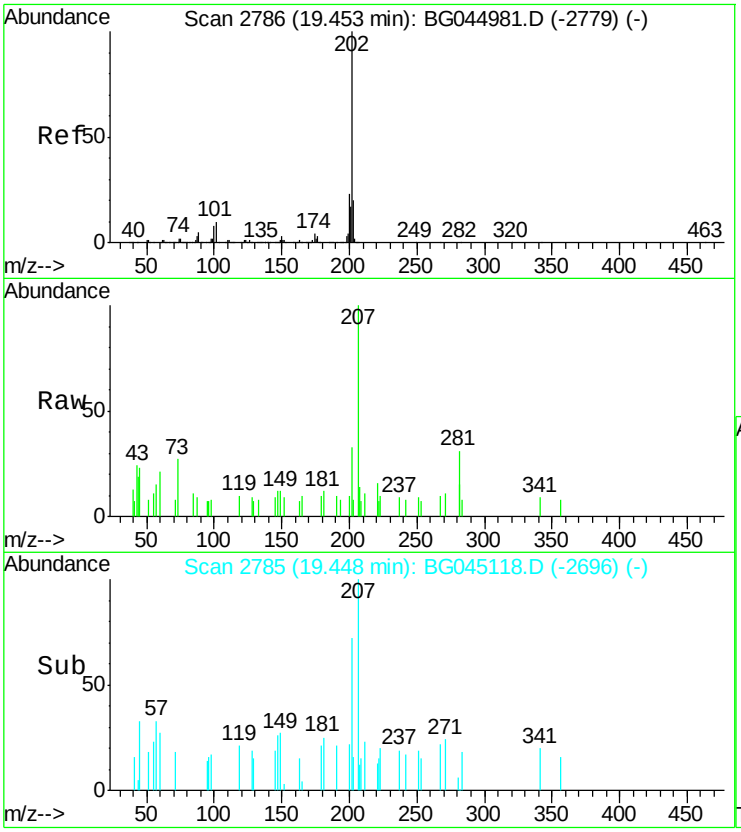


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.36 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Tgt Ion:149 Resp: 1962

Ion	Ratio	Lower	Upper
149	100		
150	14.9	8.2	12.2#
104	12.8	4.8	7.2#



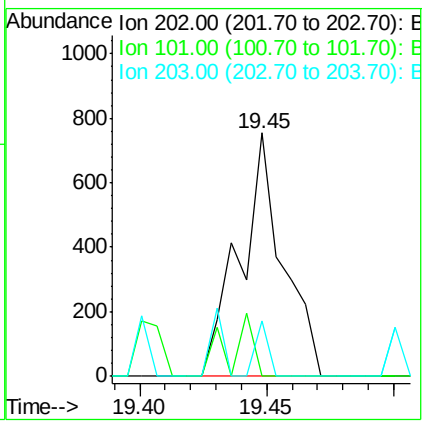


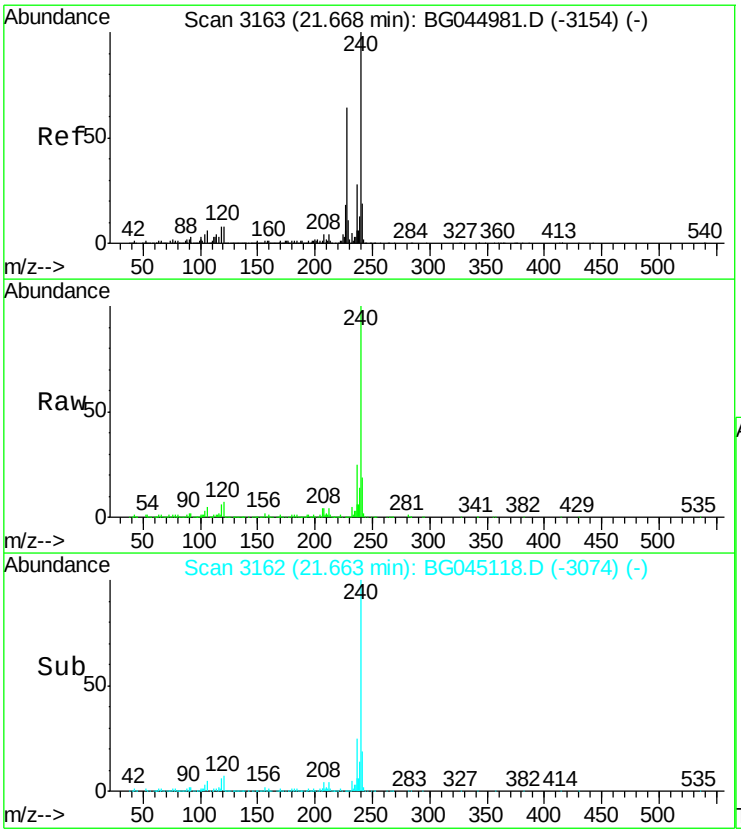
#75
Fluoranthene
Concen: Below Cal
RT: 19.45 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Instrument :
BNA_G
ClientSampleId :
TP-1-D

Tgt Ion:202 Resp: 893

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	29.6
203	22.5	0.0	39.7

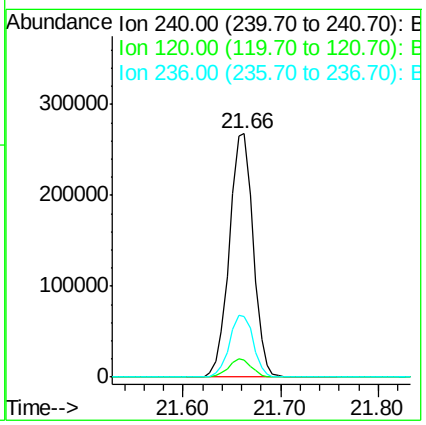


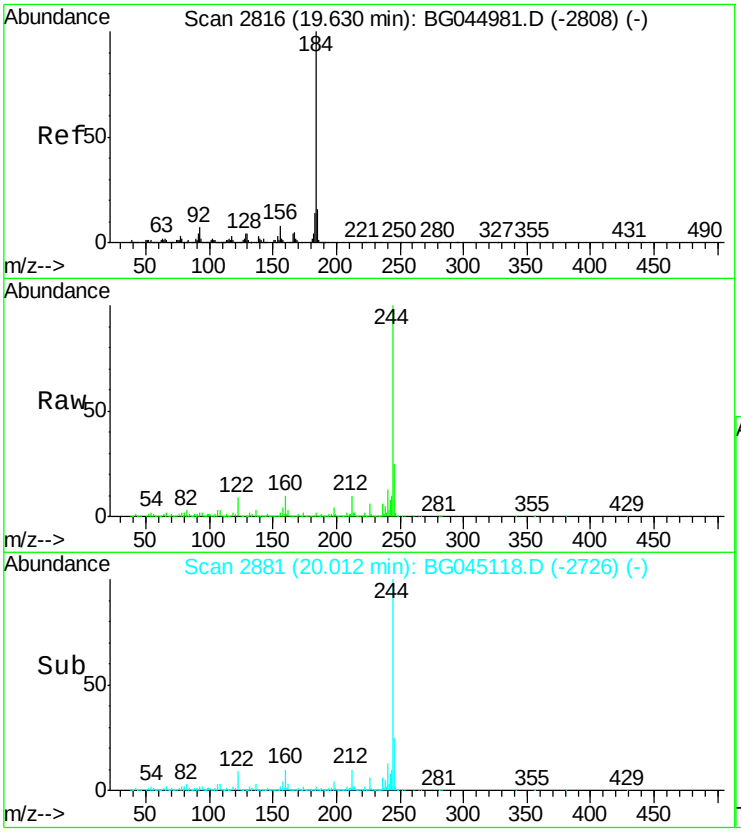


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Tgt Ion:240 Resp: 453924

Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.6	10.0
236	25.1	22.2	33.2



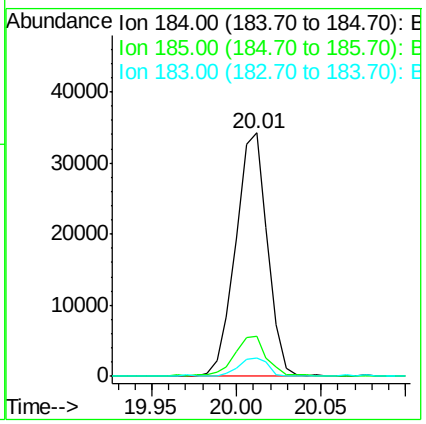


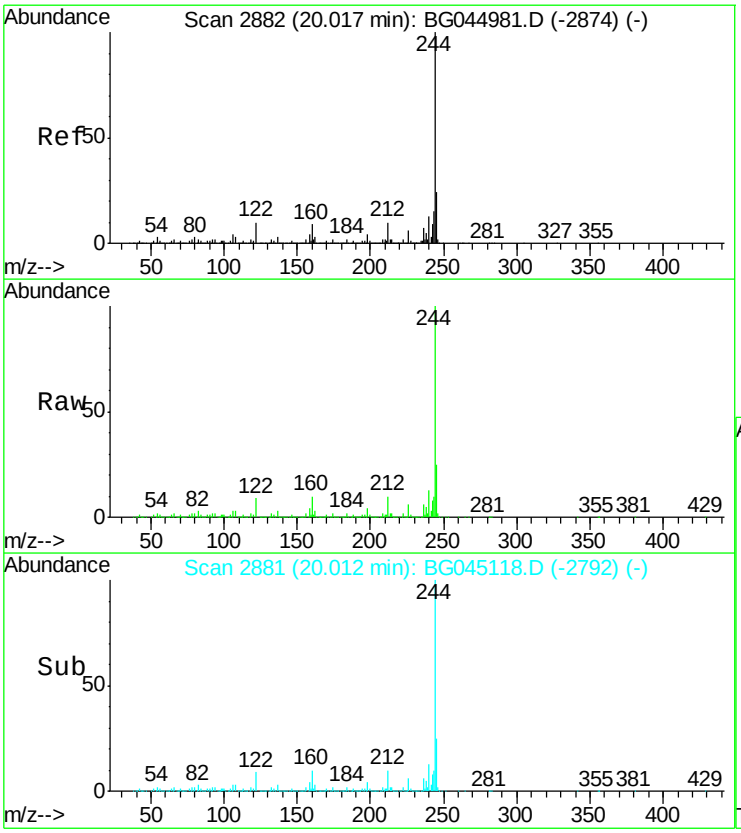
#77
Benzidine
Concen: Below Cal
RT: 20.01 min Scan# 2881
Delta R.T. 0.38 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Instrument :
BNA_G
ClientSampleId :
TP-1-D

Tgt Ion:184 Resp: 44716

Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.6	19.0
183	7.3	11.3	16.9#

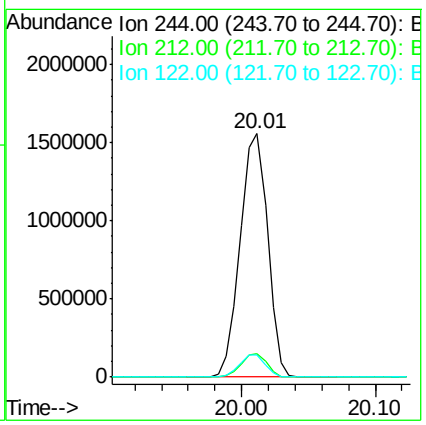


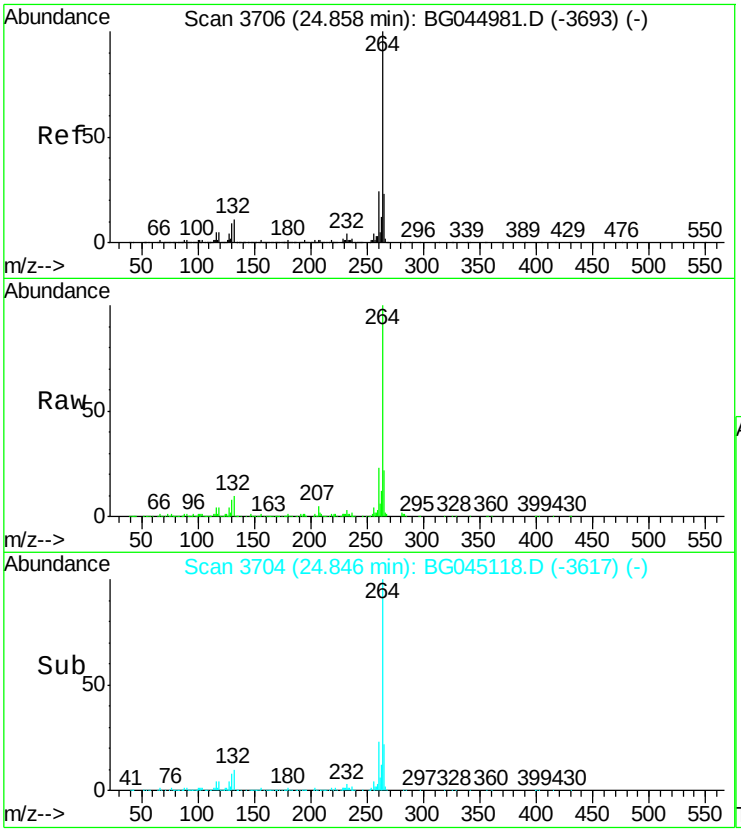


#79
Terphenyl-d14
Concen: 105.940 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Tgt Ion:244 Resp: 2206344

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.9	11.9
122	9.1	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Instrument :
BNA_G
ClientSampleId :
TP-1-D

Tgt Ion:264 Resp: 477609

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.7	19.0	28.4