Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060520\
Data File : BG045632.D
Acq On : 6 Jun 2020 2:59
Operator : CG/JU
Sample : PB129334BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129334BL

Quant Time: Jun 06 04:45:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	60656	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	233139	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	164611	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	367342	20.00	ng	0.00
76) Chrysene-d12	21.60	240	372200	20.00	ng	0.00
87) Perylene-d12	24.75	264	386444	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	444238	143.13	ng	0.00
7) Phenol-d6	7.14	99	617850	139.86	ng	0.00
23) Nitrobenzene-d5	9.11	82	428603	100.25	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	300838	142.90	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	964491	99.38	ng	0.00
79) Terphenyl-d14	19.96	244	1688953	105.83	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.27	79	7359	2.017	ng	# 54
19) n-Nitroso-di-n-propylamine	9.11	70	57553	18.840	ng	# 81
32) Benzoic acid	10.28	122	75	10.052	ng	# 1
51) 2,6-Dinitrotoluene	14.59	165	21674	8.506	ng	# 22
57) 2,4-Dinitrotoluene	14.59	165	21674	5.873	ng	# 21
67) 4-Bromophenyl-phenylether	16.09	248	19905	5.004	ng	# 1
77) Benzidine	19.96	184	32066	3.068	ng	# 84

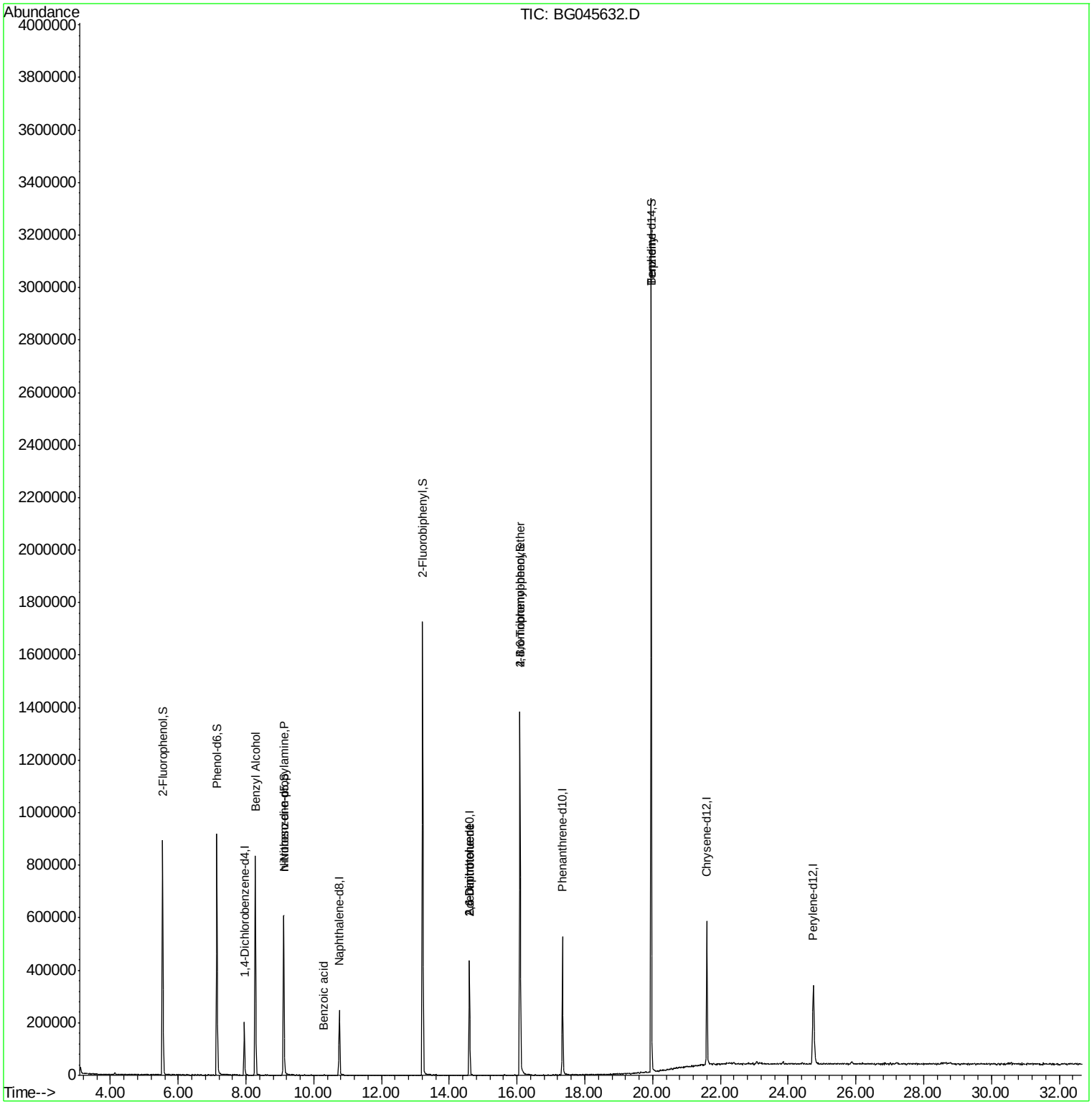
(#) = qualifier out of range (m) = manual integration (+) = signals summed

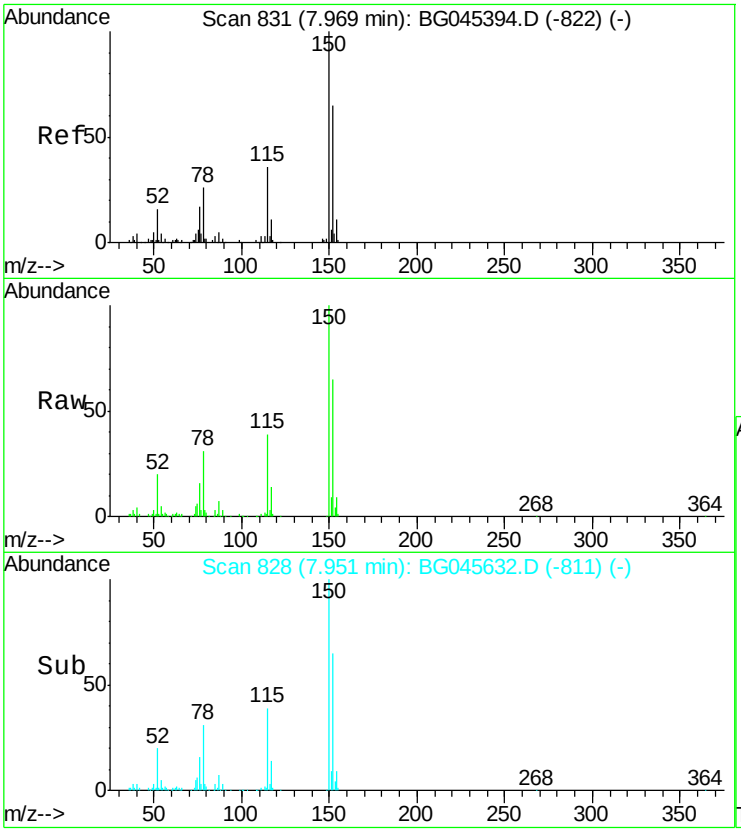
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060520\
Data File : BG045632.D
Acq On : 6 Jun 2020 2:59
Operator : CG/JU
Sample : PB129334BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129334BL

Quant Time: Jun 06 04:45:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration



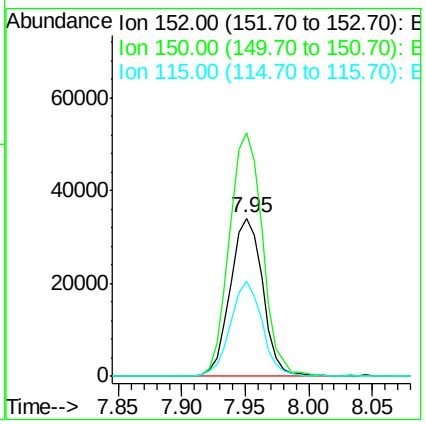


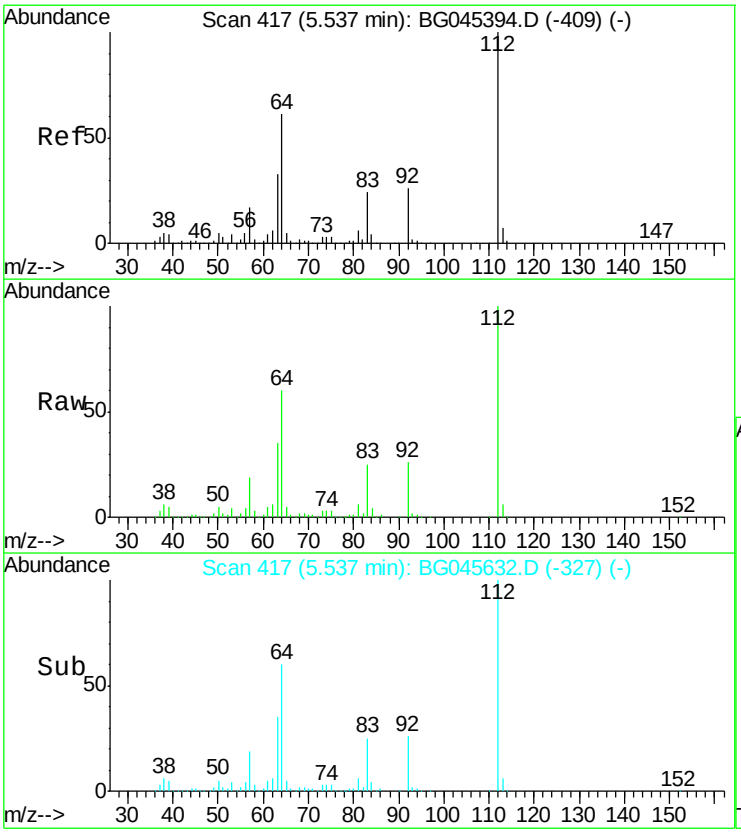
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Instrument :
BNA_G
ClientSampleId :
PB129334BL

Tgt Ion:152 Resp: 60656

Ion	Ratio	Lower	Upper
152	100		
150	153.6	122.4	183.6
115	60.2	44.2	66.4

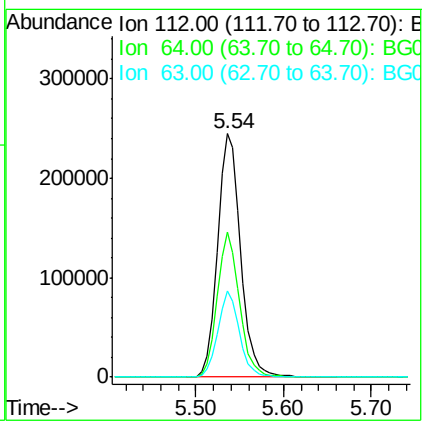


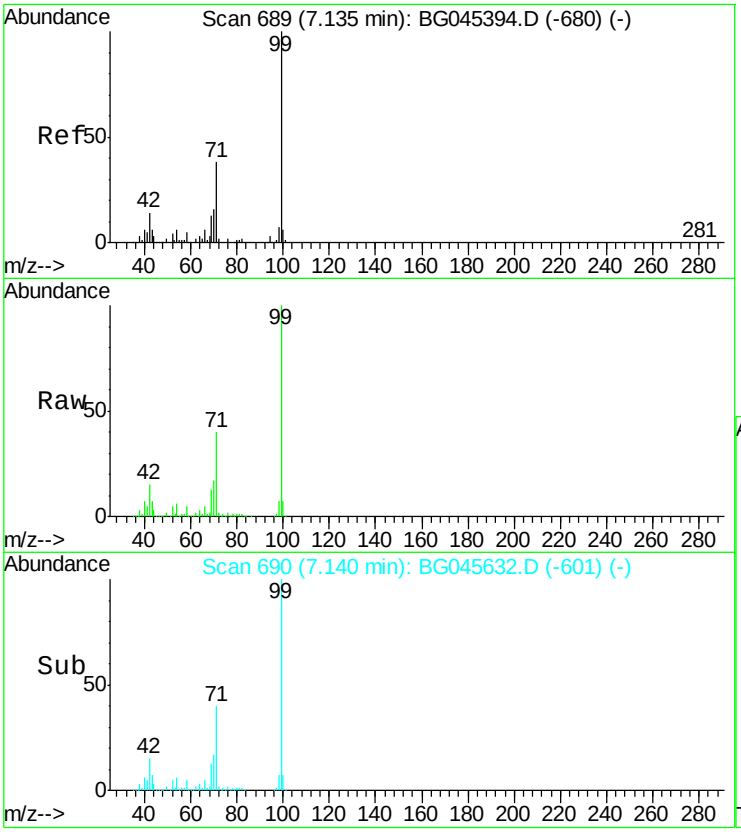


#5
2-Fluorophenol
Concen: 143.131 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Tgt Ion:112 Resp: 444238

Ion	Ratio	Lower	Upper
112	100		
64	59.5	48.6	72.8
63	35.4	26.5	39.7



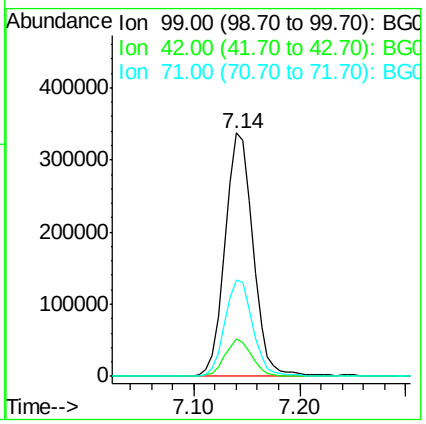


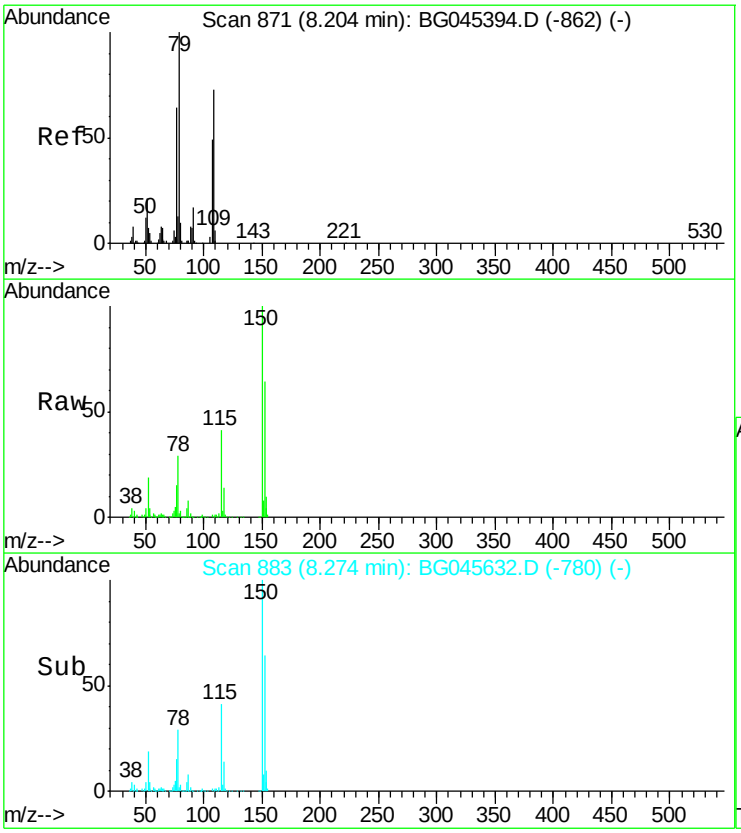
#7
Phenol-d6
Concen: 139.863 ng
RT: 7.14 min Scan# 690
Delta R.T. -0.01 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Instrument :
BNA_G
ClientSampleId :
PB129334BL

Tgt Ion: 99 Resp: 617850

Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.3	16.9
71	39.5	30.8	46.2

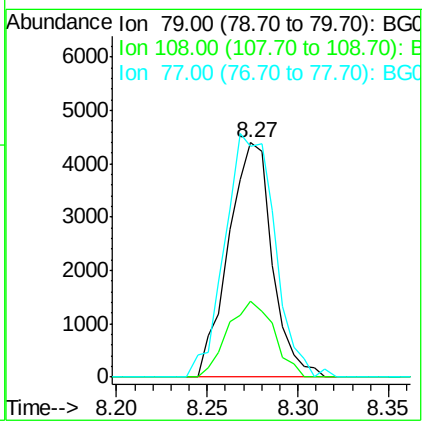


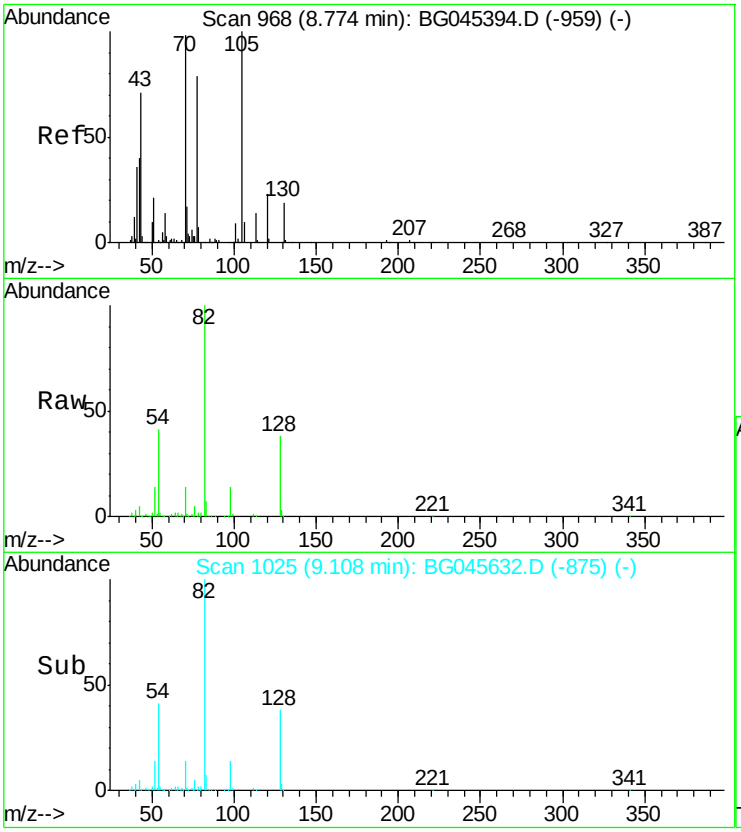


#15
Benzyl Alcohol
Concen: 2.017 ng
RT: 8.27 min Scan# 883
Delta R.T. 0.08 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Tgt Ion: 79 Resp: 7359

Ion	Ratio	Lower	Upper
79	100		
108	32.7	58.2	87.4#
77	98.7	51.0	76.4#



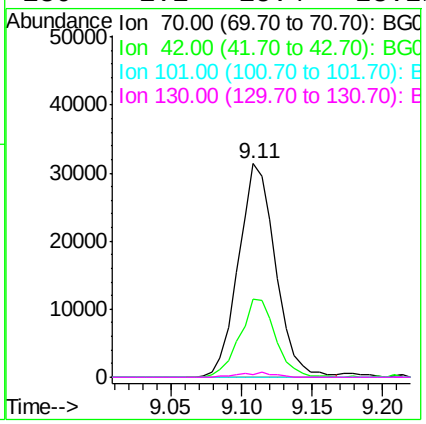


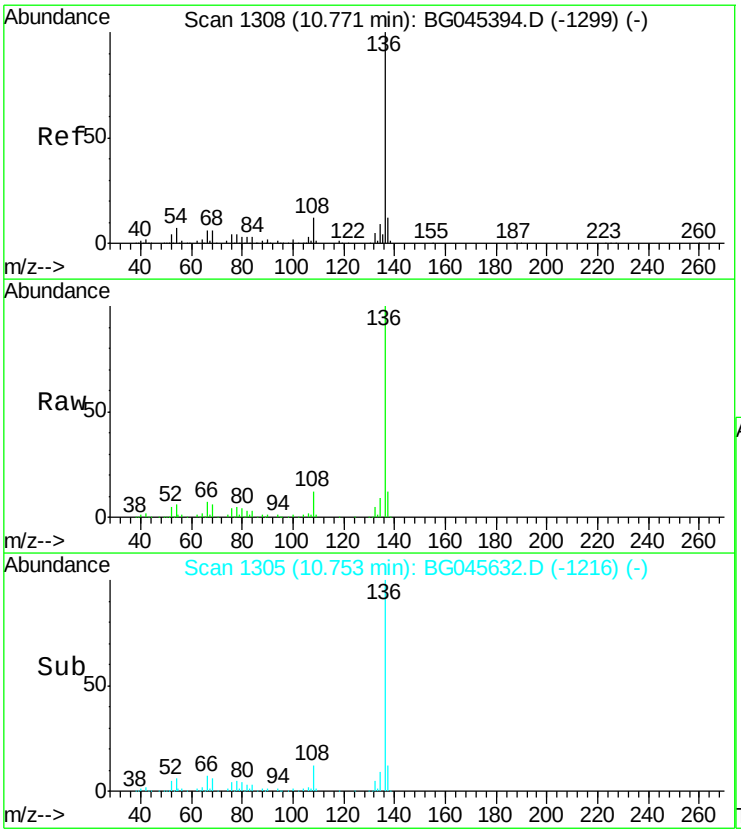
#19
n-Nitroso-di-n-propylamine
Concen: 18.840 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.35 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Instrument :
BNA_G
ClientSampleId :
PB129334BL

Tgt Ion: 70 Resp: 57553

Ion	Ratio	Lower	Upper
70	100		
42	36.4	33.2	49.8
101	0.0	7.8	11.6#
130	1.1	15.4	23.2#

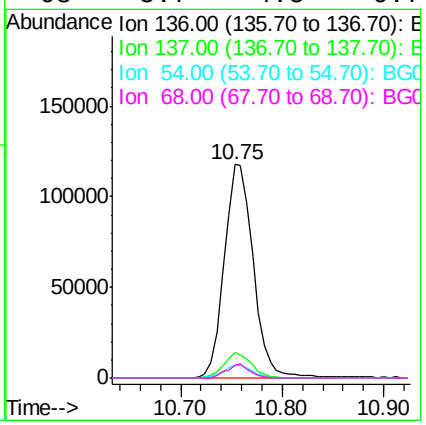


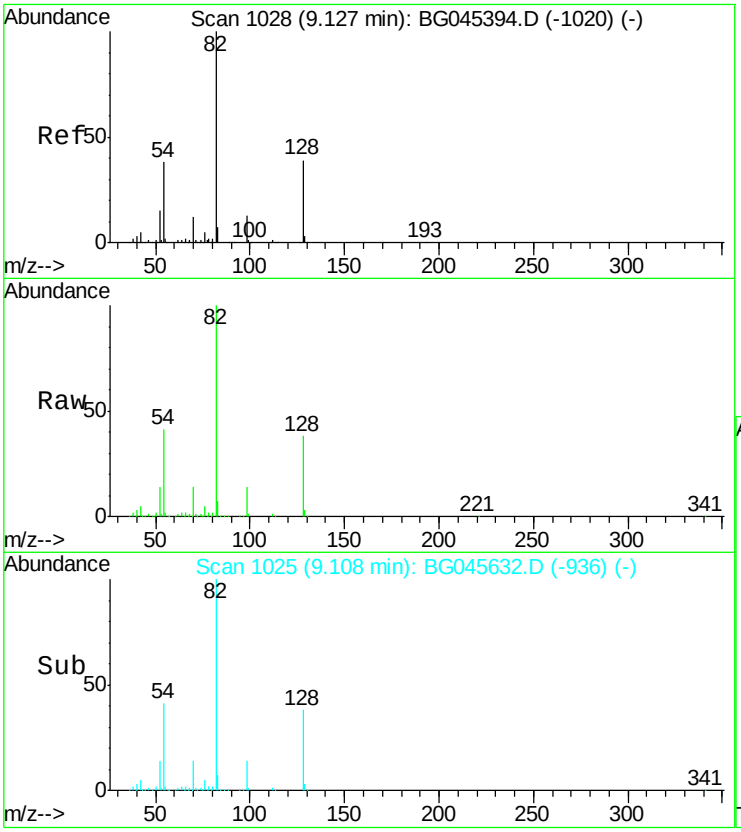


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Tgt Ion:136 Resp: 233139

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.4	14.2
54	5.8	5.8	8.6
68	5.7	4.5	6.7



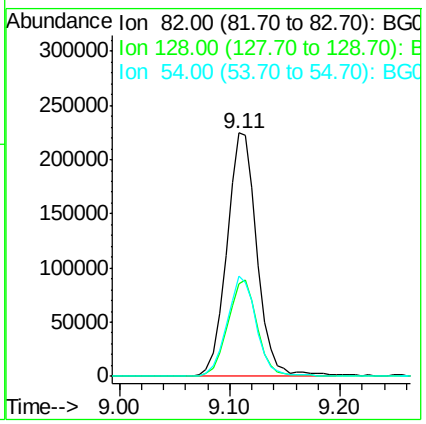


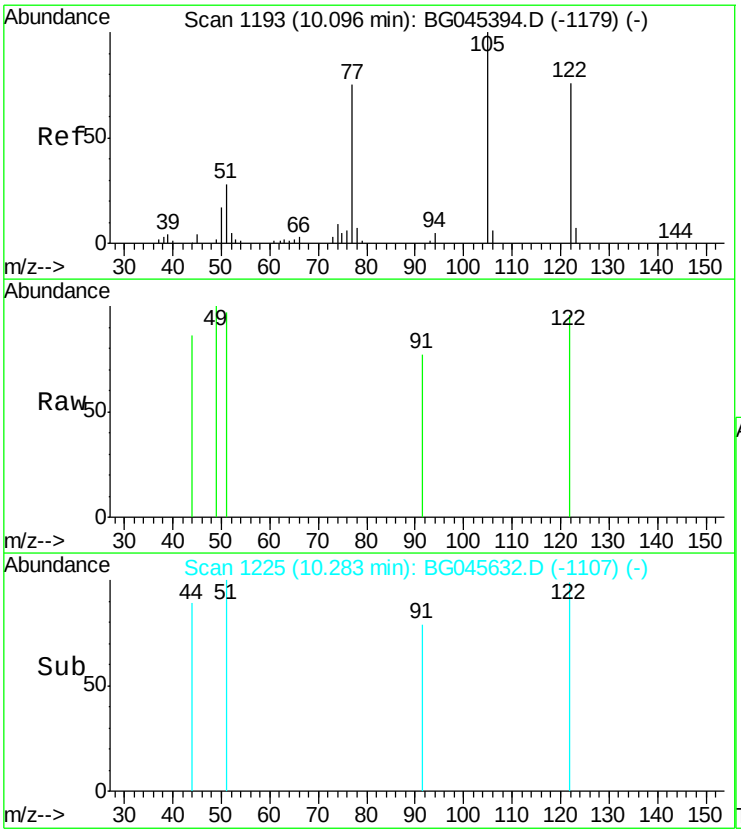
#23
Nitrobenzene-d5
Concen: 100.251 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Instrument :
BNA_G
ClientSampleId :
PB129334BL

Tgt Ion: 82 Resp: 428603

Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.9	46.3
54	41.2	30.3	45.5

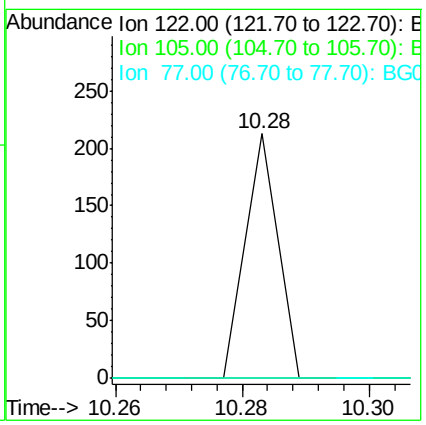


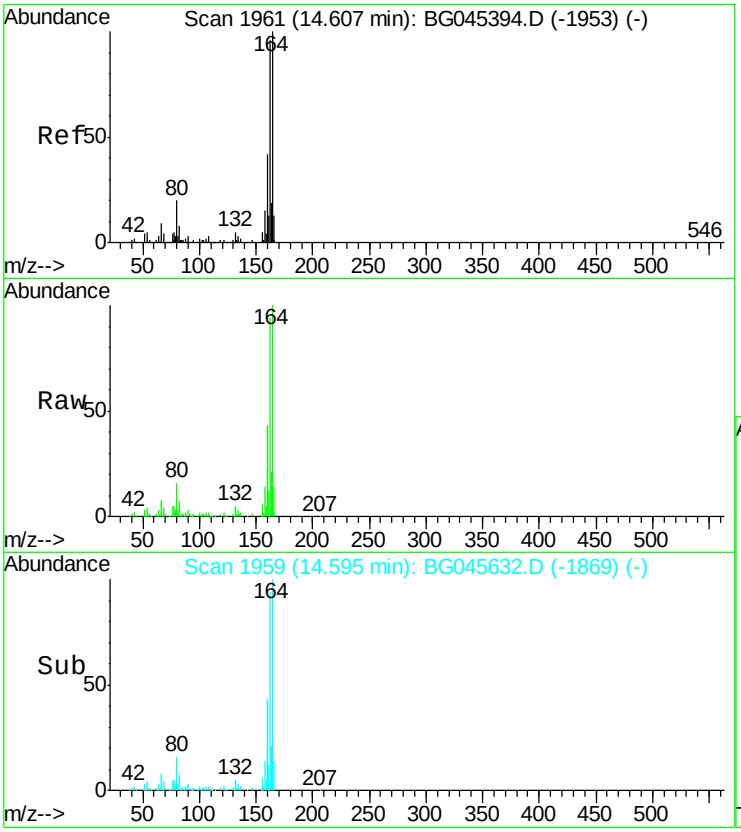


#32
Benzoic acid
Concen: 10.052 ng
RT: 10.28 min Scan# 1225
Delta R.T. 0.16 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Tgt Ion:122 Resp: 75

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#



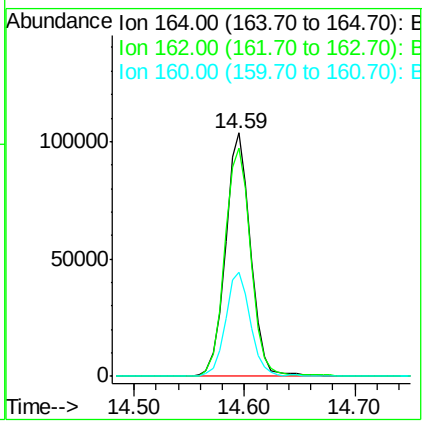


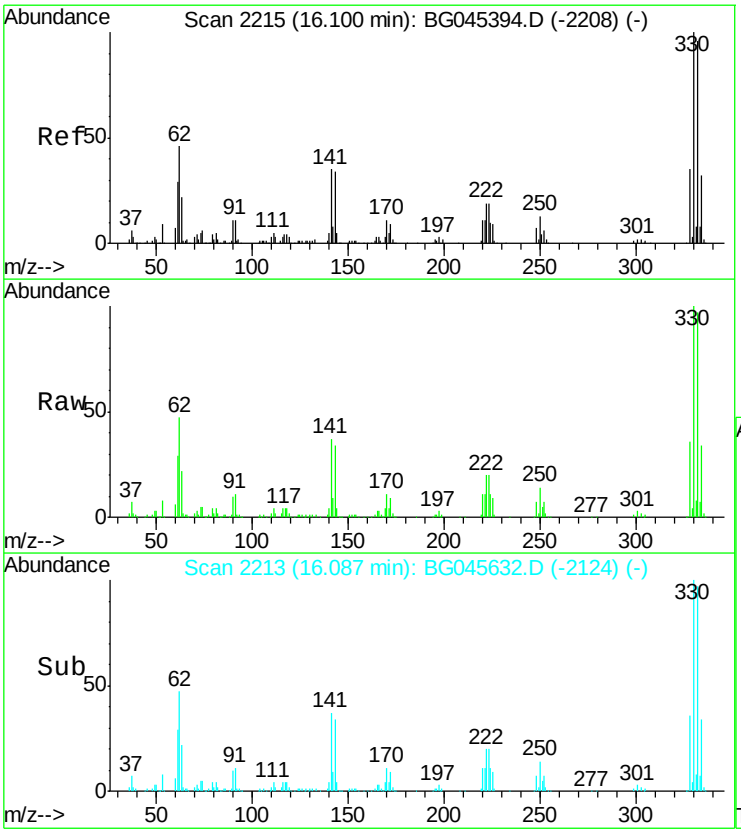
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Instrument :
BNA_G
ClientSampleId :
PB129334BL

Tgt Ion:164 Resp: 164611

Ion	Ratio	Lower	Upper
164	100		
162	93.9	76.9	115.3
160	42.7	33.8	50.8

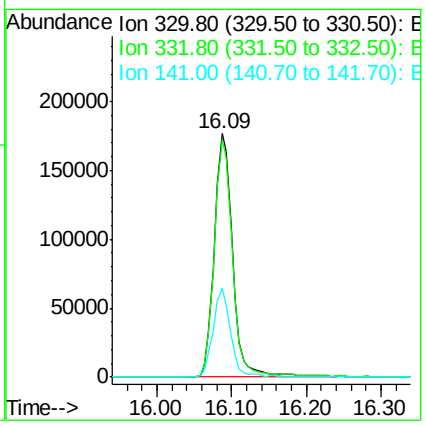


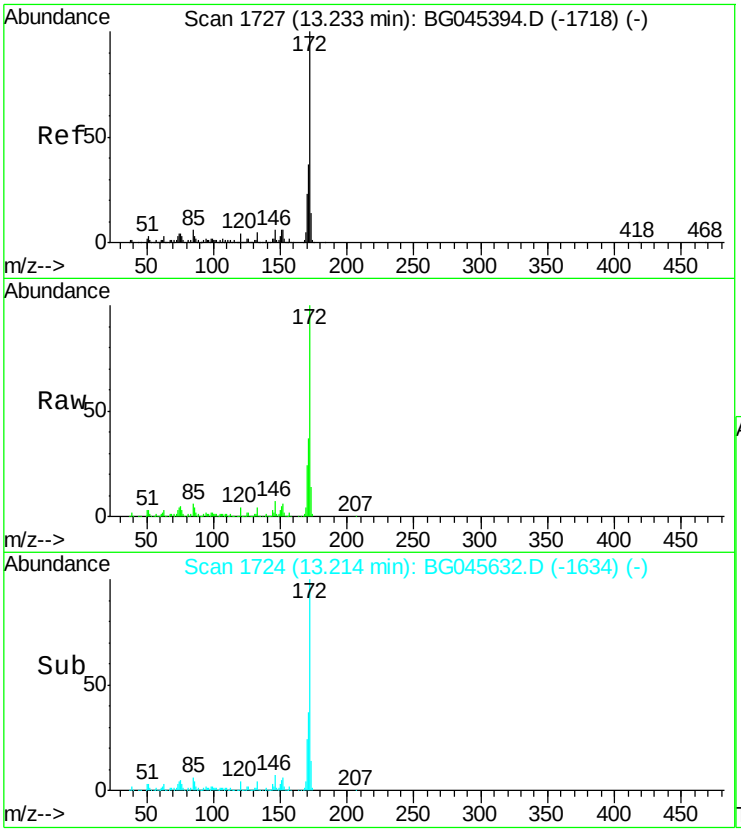


#42
2,4,6-Tribromophenol
Concen: 142.903 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Tgt Ion:330 Resp: 300838

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.2	117.4
141	34.3	28.2	42.4



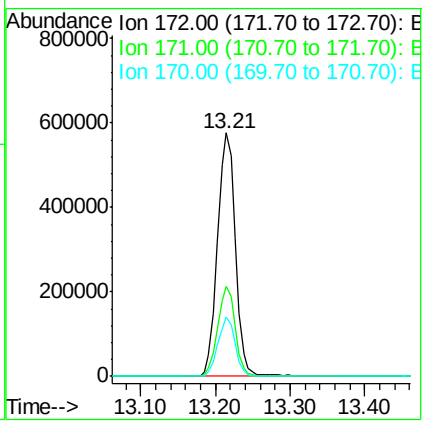


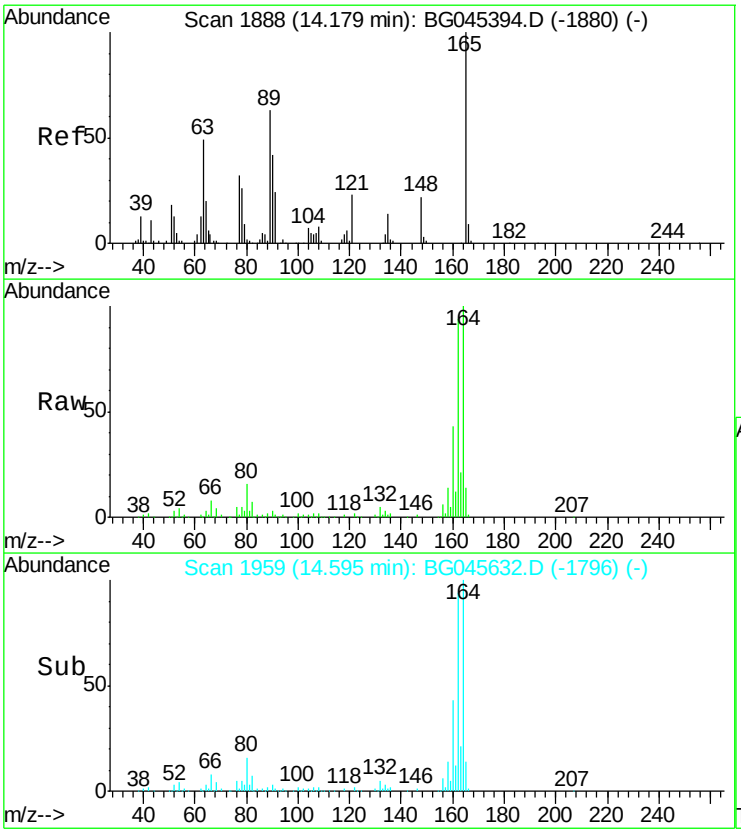
#45
2-Fluorobiphenyl
Concen: 99.384 ng
RT: 13.21 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Instrument :
BNA_G
ClientSampleId :
PB129334BL

Tgt Ion:172 Resp: 964491

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.5	44.3
170	24.1	18.5	27.7

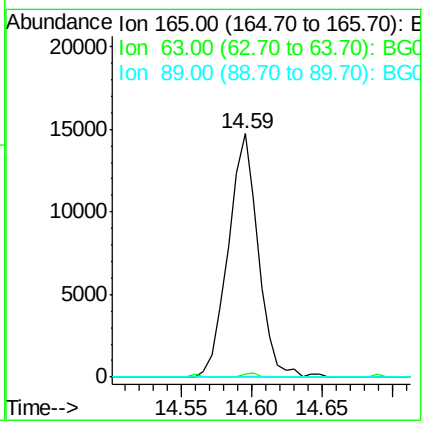


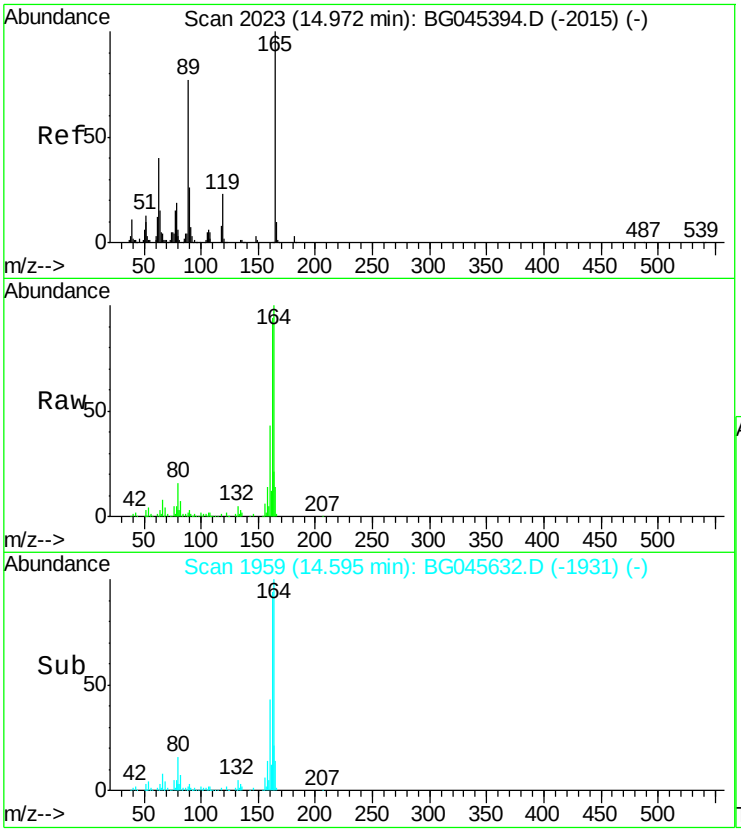


#51
2,6-Dinitrotoluene
Concen: 8.506 ng
RT: 14.59 min Scan# 1959
Delta R.T. 0.43 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Tgt Ion:165 Resp: 21674

Ion	Ratio	Lower	Upper
165	100		
63	1.1	45.0	67.4#
89	0.0	50.2	75.4#



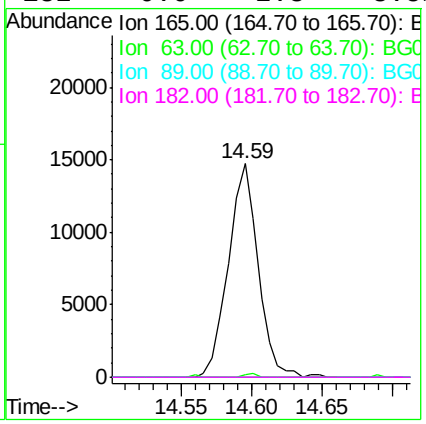


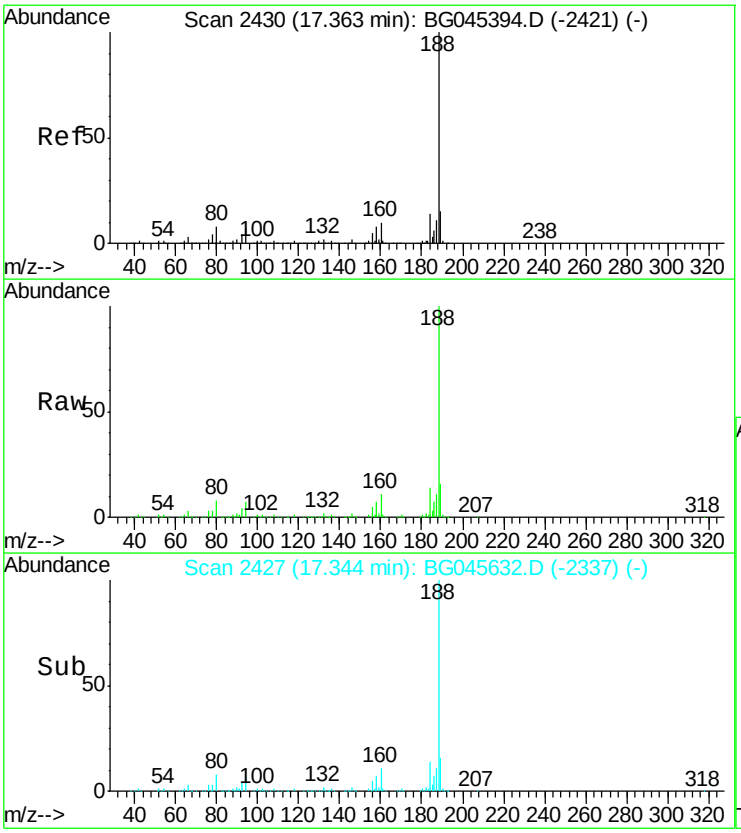
#57
2,4-Dinitrotoluene
Concen: 5.873 ng
RT: 14.59 min Scan# 1959
Delta R.T. -0.36 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Instrument :
BNA_G
ClientSampleId :
PB129334BL

Tgt Ion:165 Resp: 21674

Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.5	48.7#
89	0.0	61.8	92.6#
182	0.0	2.3	3.5#

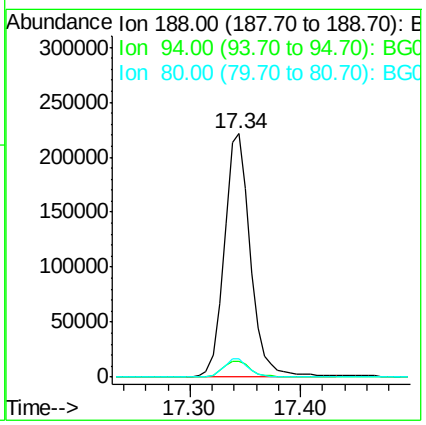


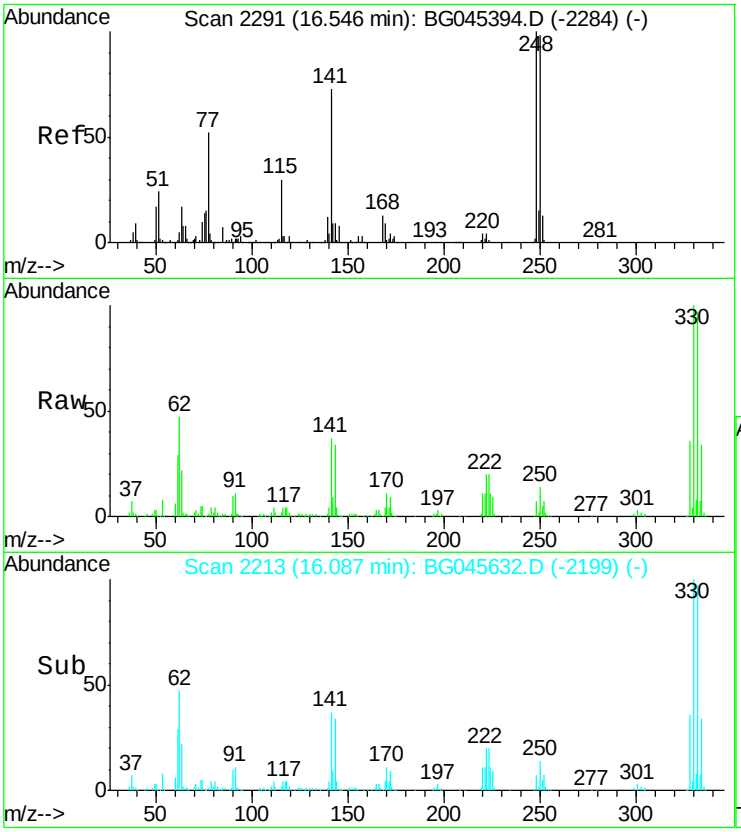


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Tgt Ion:188 Resp: 367342

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.5	8.3
80	7.8	6.6	10.0



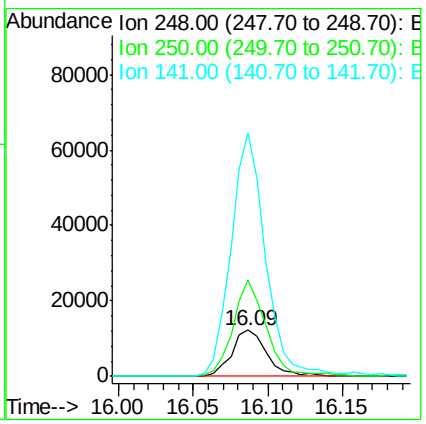


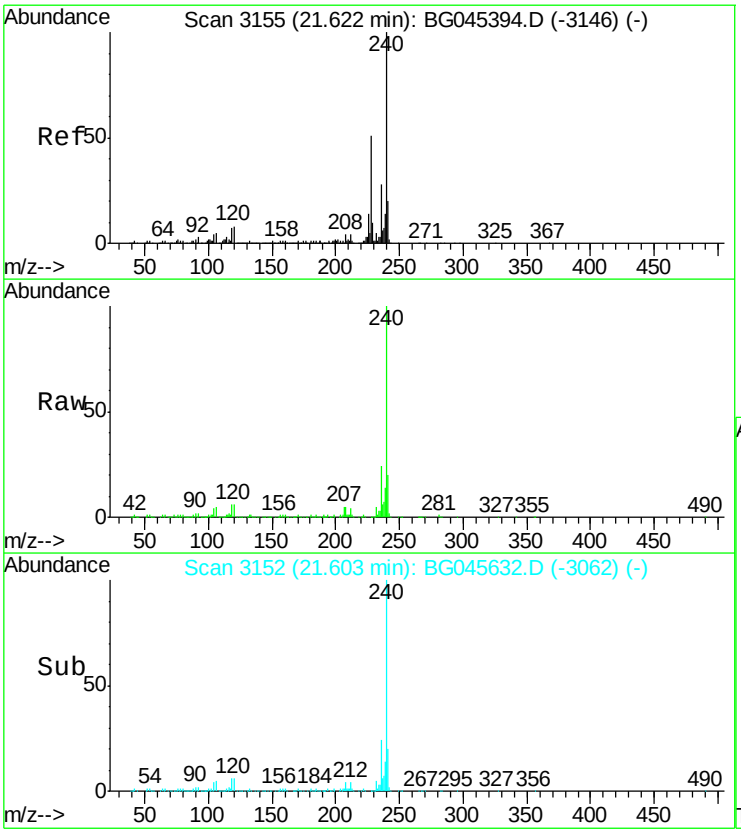
#67
4-Bromophenyl-phenylether
Concen: 5.004 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.45 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Instrument :
BNA_G
ClientSampleId :
PB129334BL

Tgt Ion:248 Resp: 19905

Ion	Ratio	Lower	Upper
248	100		
250	210.2	78.6	117.8#
141	529.6	58.2	87.2#

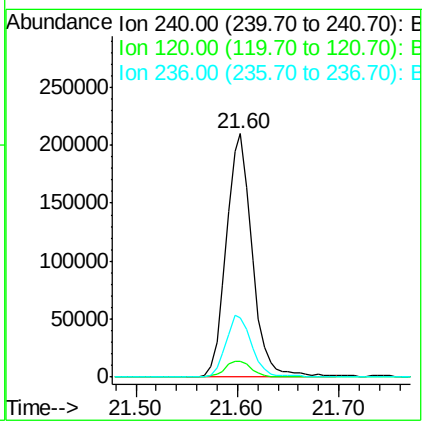


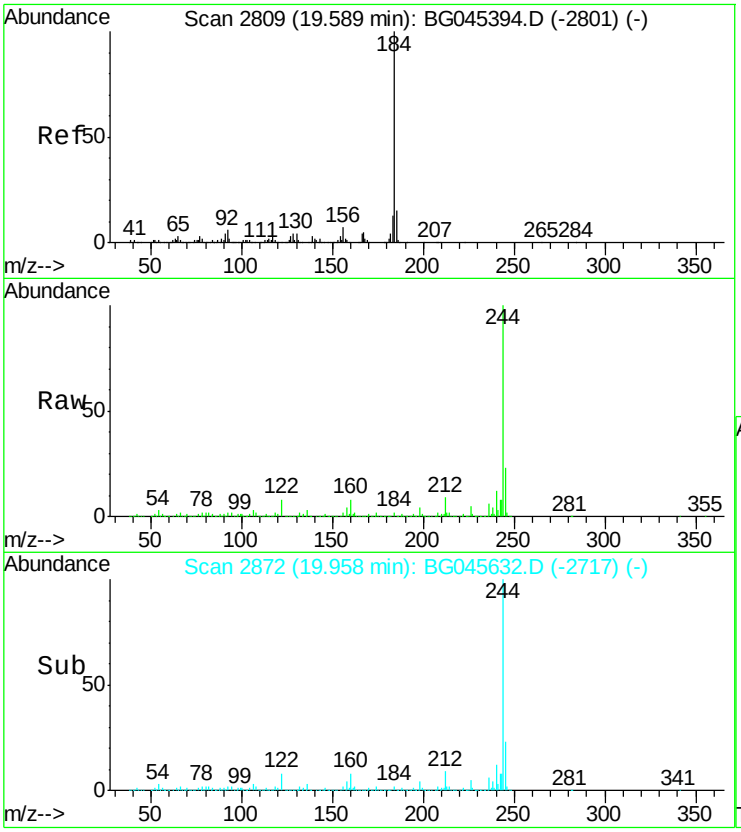


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Tgt Ion:240 Resp: 372200

Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.1	9.1
236	24.3	22.3	33.5



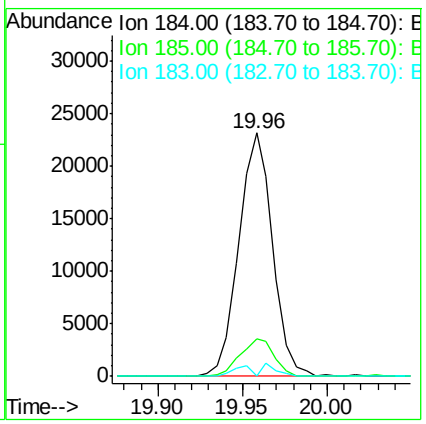


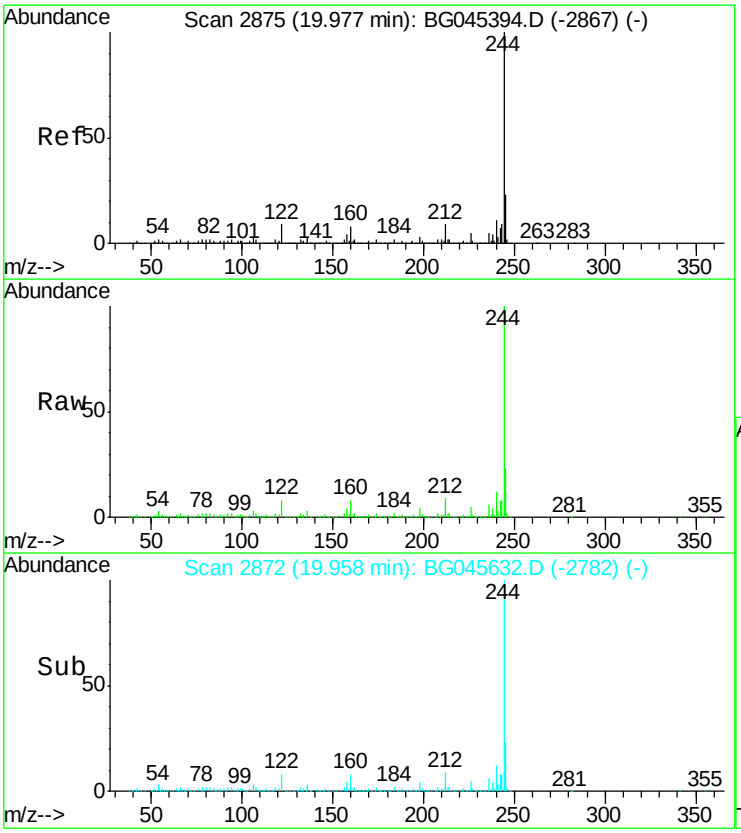
#77
Benzidine
Concen: 3.068 ng
RT: 19.96 min Scan# 2872
Delta R.T. 0.38 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Instrument :
BNA_G
ClientSampleId :
PB129334BL

Tgt Ion:184 Resp: 32066

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.7	17.5
183	0.0	10.2	15.4#

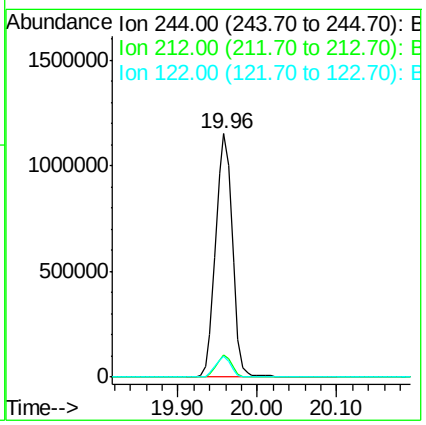


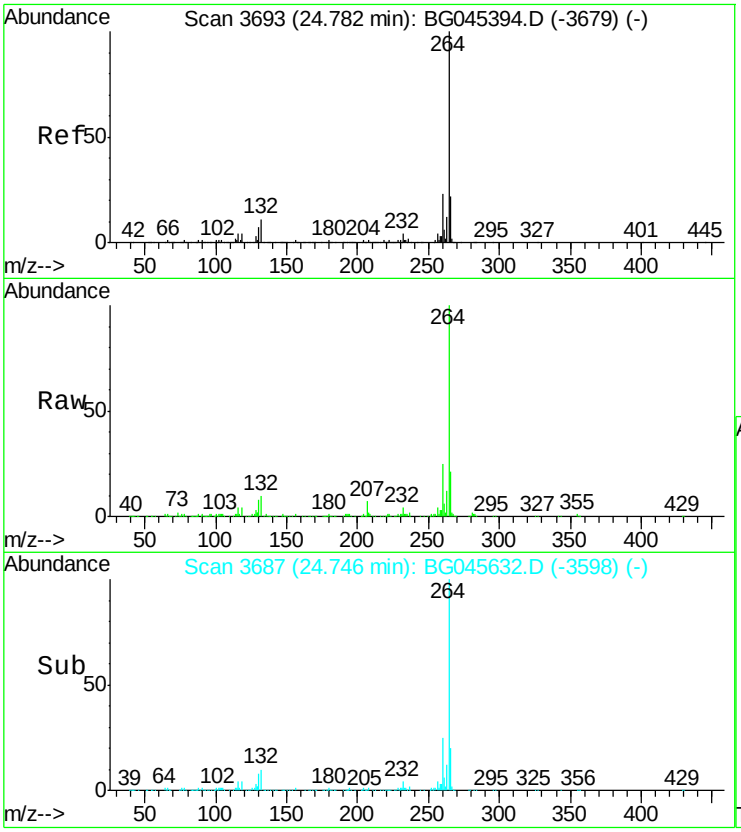


#79
Terphenyl-d14
Concen: 105.834 ng
RT: 19.96 min Scan# 2872
Delta R.T. -0.00 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Tgt Ion:244 Resp: 1688953

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.4	11.0
122	8.5	6.8	10.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Instrument :
BNA_G
ClientSampleId :
PB129334BL

Tgt Ion:264 Resp: 386444

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.2	27.4
265	20.7	17.6	26.4