Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
Data File : BG045731.D
Acq On : 11 Jun 2020 21:39
Operator : CG/JU
Sample : L2810-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-060920

Quant Time: Jun 12 02:30:23 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	39893	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	158099	20.00	ng	-0.01
39) Acenaphthene-d10	14.58	164	117557	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	294661	20.00	ng	-0.01
76) Chrysene-d12	21.59	240	304869	20.00	ng	-0.01
87) Perylene-d12	24.73	264	316316	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	290327	142.23	ng	-0.01
7) Phenol-d6	7.13	99	354118	121.88	ng	-0.02
23) Nitrobenzene-d5	9.10	82	331221	114.24	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	268418	178.54	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	771928	111.38	ng	0.00
79) Terphenyl-d14	19.95	244	1572414	120.29	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.26	79	6387	2.661	ng	# 61
19) n-Nitroso-di-n-propylamine	9.10	70	45635	22.714	ng	# 79
32) Benzoic acid	10.38	122	63	10.060	ng	# 1
50) Dimethylphthalate	14.04	163	128025	15.875	ng	99
54) 2,4-Dinitrophenol	14.37	184	56	5.503	ng	# 17
57) 2,4-Dinitrotoluene	14.59	165	15588	5.915	ng	# 22
67) 4-Bromophenyl-phenylether	16.08	248	17298	5.421	ng	# 1
77) Benzidine	19.95	184	29932	3.496	ng	# 91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
Data File : BG045731.D
Acq On : 11 Jun 2020 21:39
Operator : CG/JU
Sample : L2810-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-060920

Quant Time: Jun 12 02:30:23 2020
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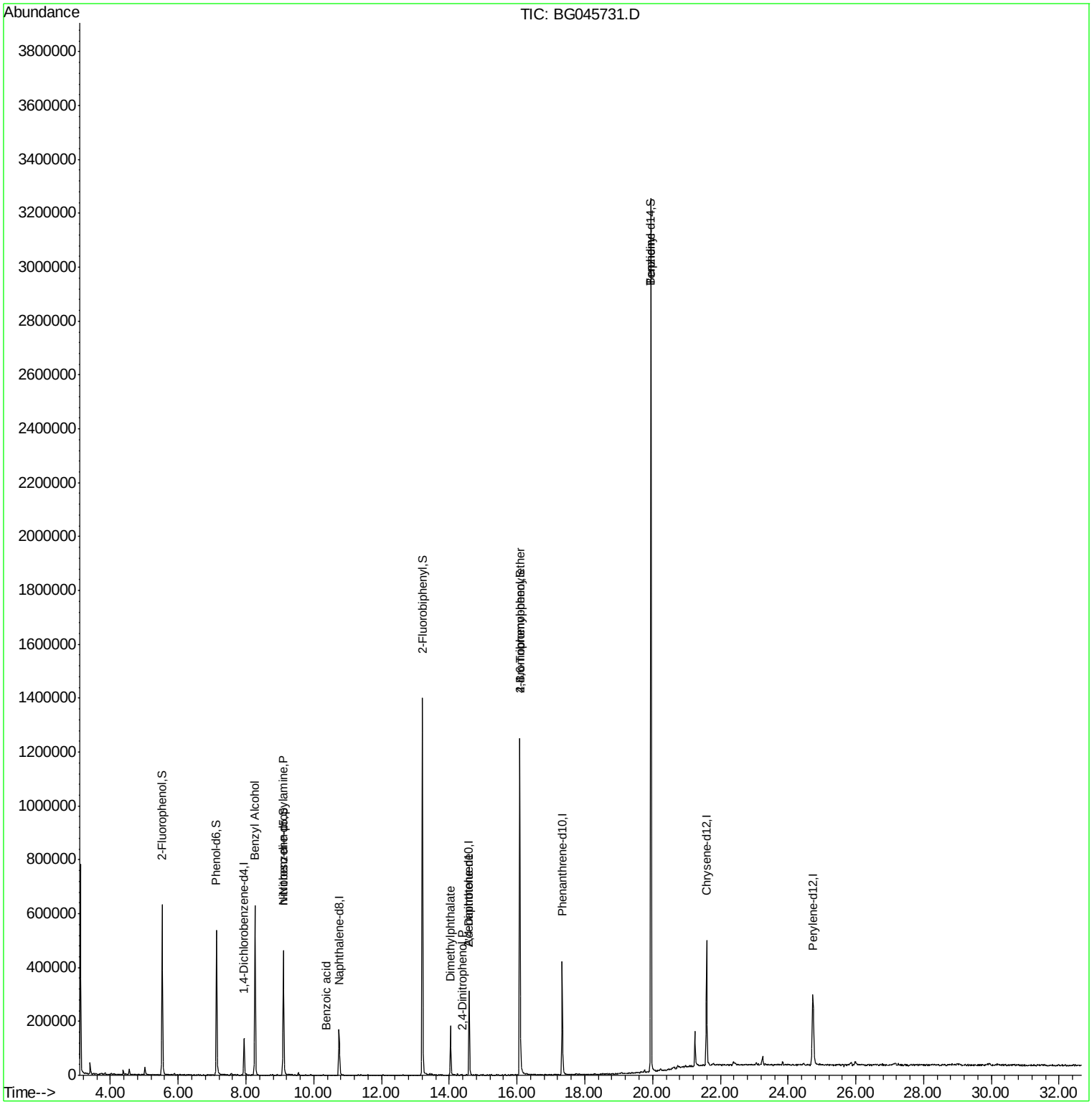
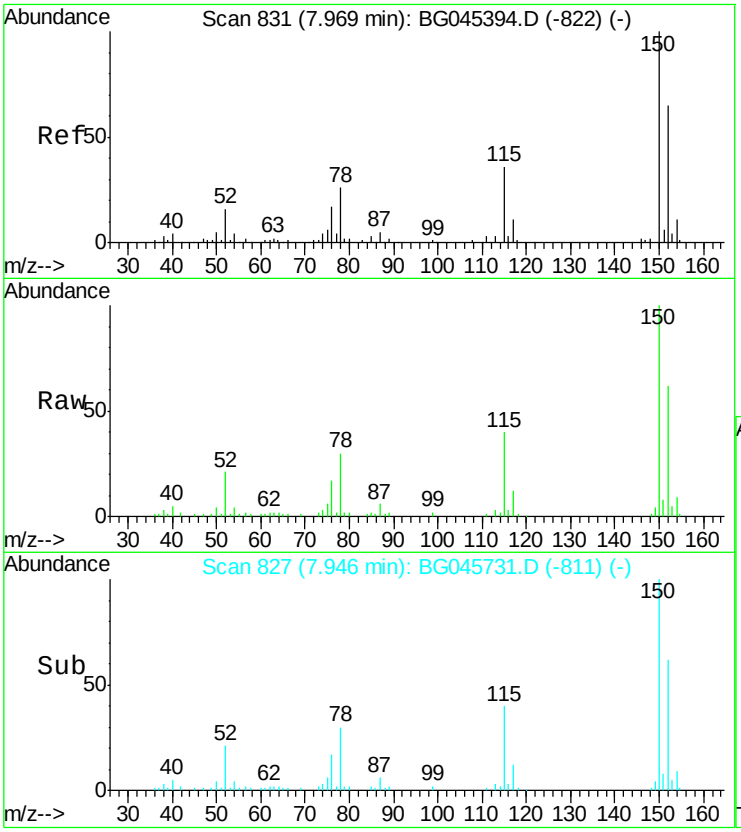
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration



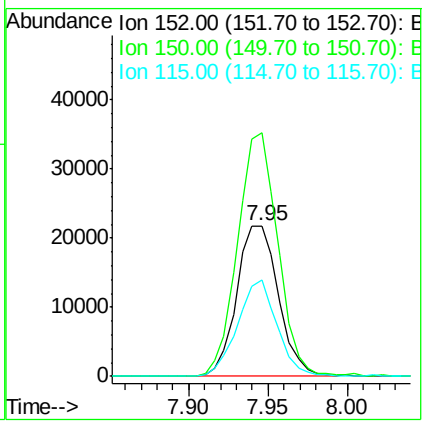


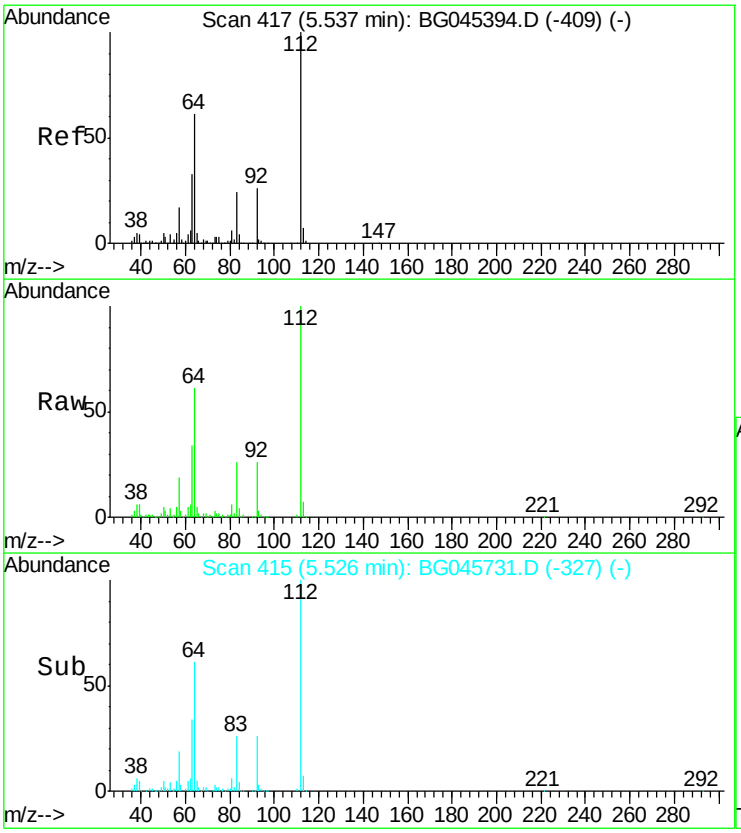
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Instrument :
BNA_G
ClientSampleId :
CL-02-060920

Tgt Ion:152 Resp: 39893

Ion	Ratio	Lower	Upper
152	100		
150	161.6	122.4	183.6
115	64.2	44.2	66.4

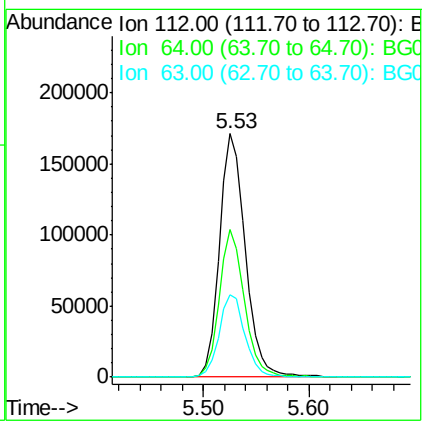


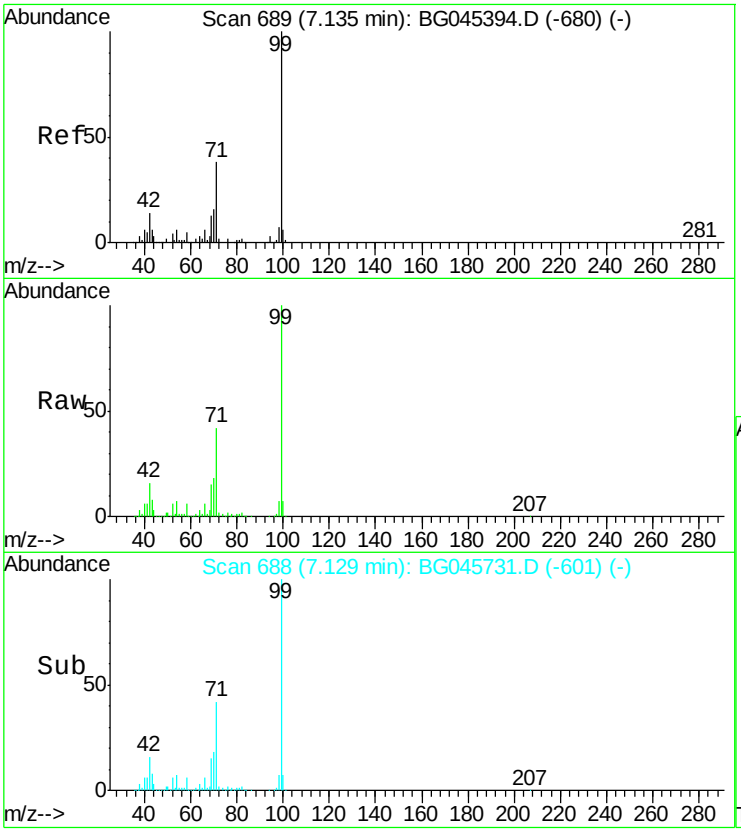


#5
2-Fluorophenol
Concen: 142.227 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Tgt Ion:112 Resp: 290327

Ion	Ratio	Lower	Upper
112	100		
64	60.7	48.6	72.8
63	33.8	26.5	39.7



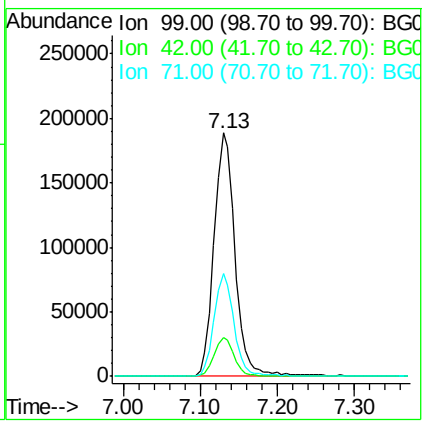


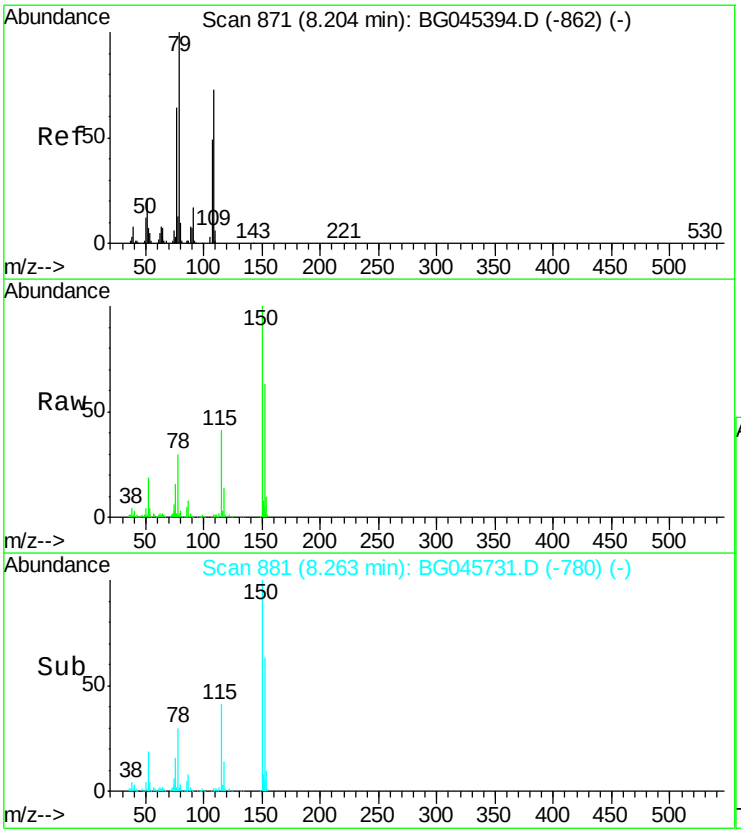
#7
Phenol-d6
Concen: 121.884 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.02 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Instrument :
BNA_G
ClientSampleId :
CL-02-060920

Tgt Ion: 99 Resp: 354118

Ion	Ratio	Lower	Upper
99	100		
42	15.7	11.3	16.9
71	42.1	30.8	46.2

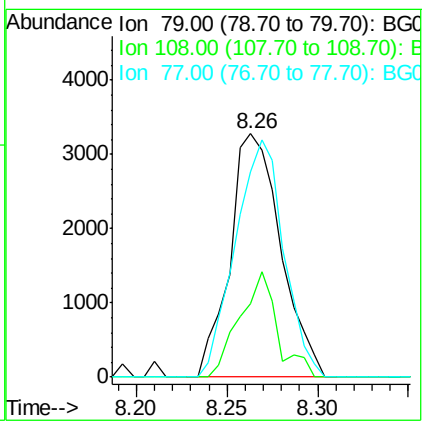


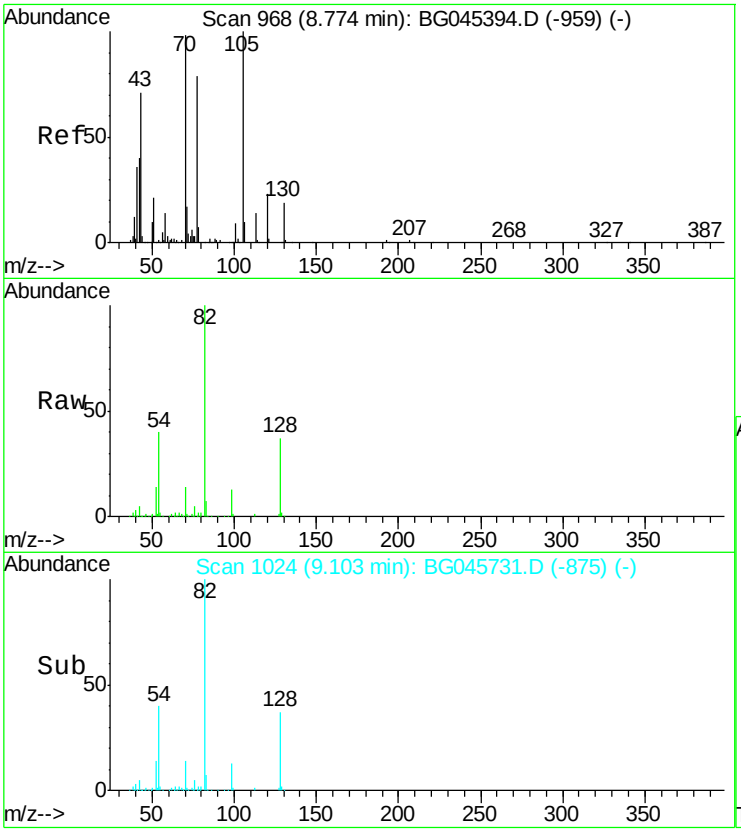


#15
Benzyl Alcohol
Concen: 2.661 ng
RT: 8.26 min Scan# 881
Delta R.T. 0.06 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Tgt Ion: 79 Resp: 6387

Ion	Ratio	Lower	Upper
79	100		
108	30.3	58.2	87.4#
77	84.2	51.0	76.4#



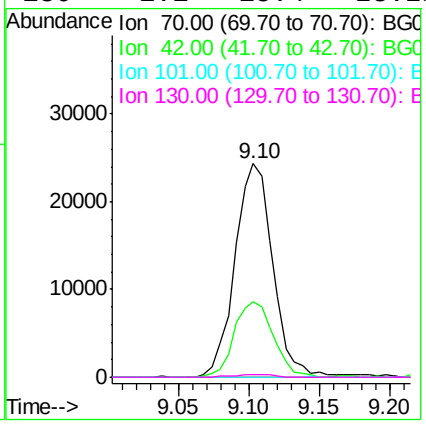


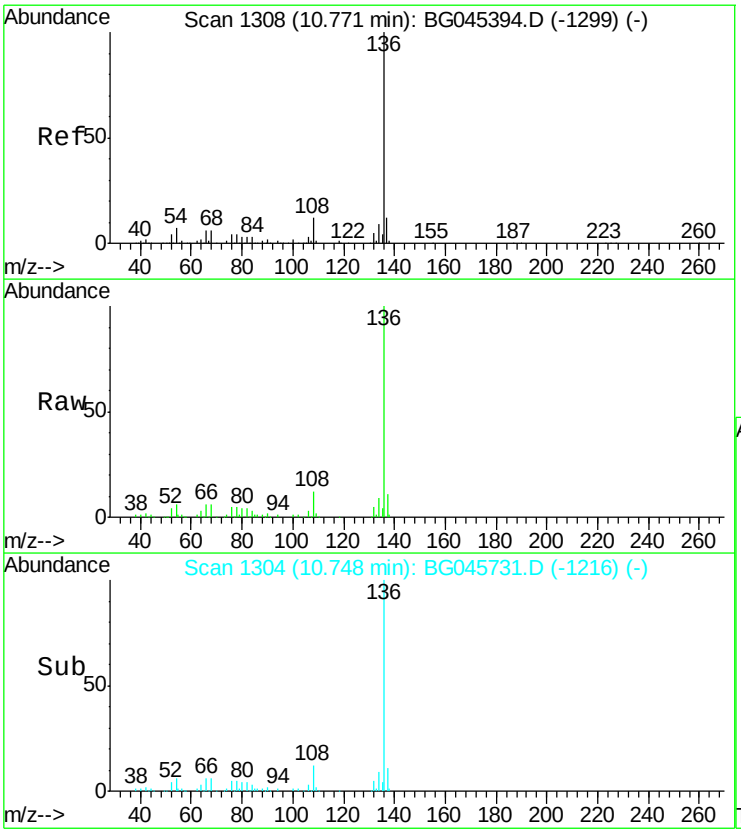
#19
n-Nitroso-di-n-propylamine
Concen: 22.714 ng
RT: 9.10 min Scan# 1024
Delta R.T. 0.35 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Instrument :
BNA_G
ClientSampleId :
CL-02-060920

Tgt Ion: 70 Resp: 45635

Ion	Ratio	Lower	Upper
70	100		
42	35.1	33.2	49.8
101	0.0	7.8	11.6#
130	1.1	15.4	23.2#

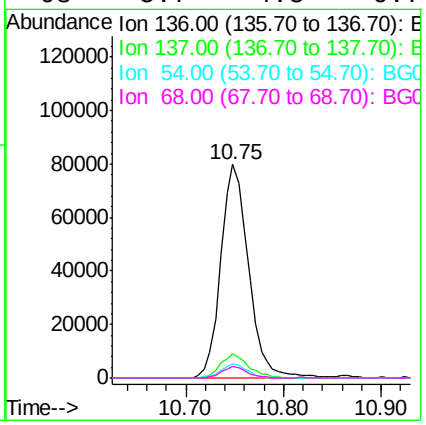


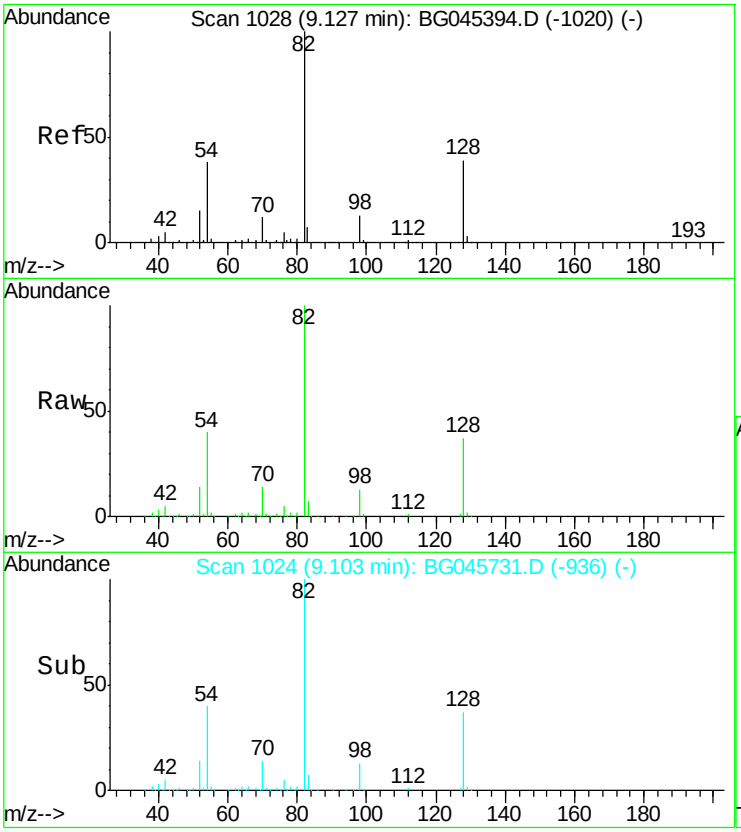


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Tgt Ion:136 Resp: 158099

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.2
54	6.4	5.8	8.6
68	5.7	4.5	6.7



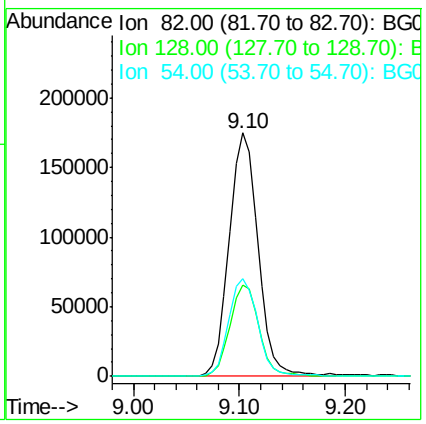


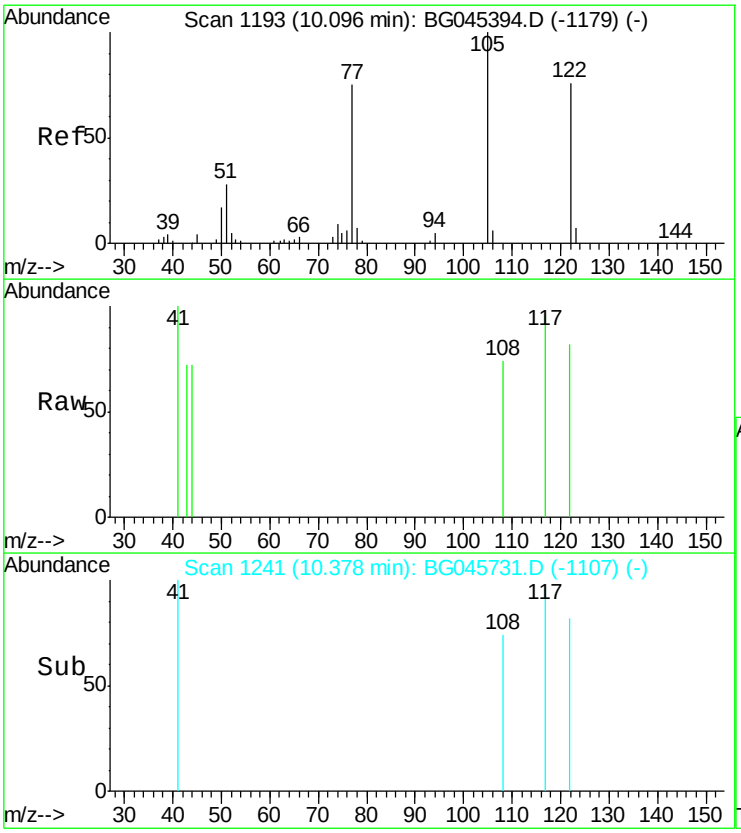
#23
Nitrobenzene-d5
Concen: 114.245 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Instrument :
BNA_G
ClientSampleId :
CL-02-060920

Tgt Ion: 82 Resp: 331221

Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.9	46.3
54	39.9	30.3	45.5

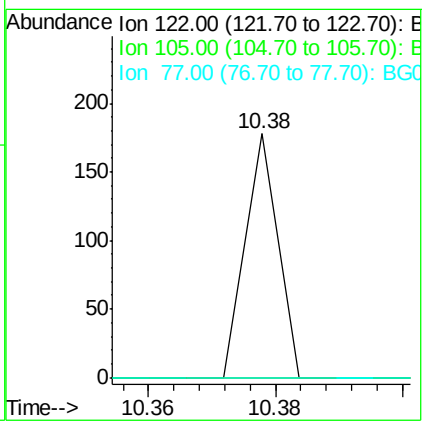


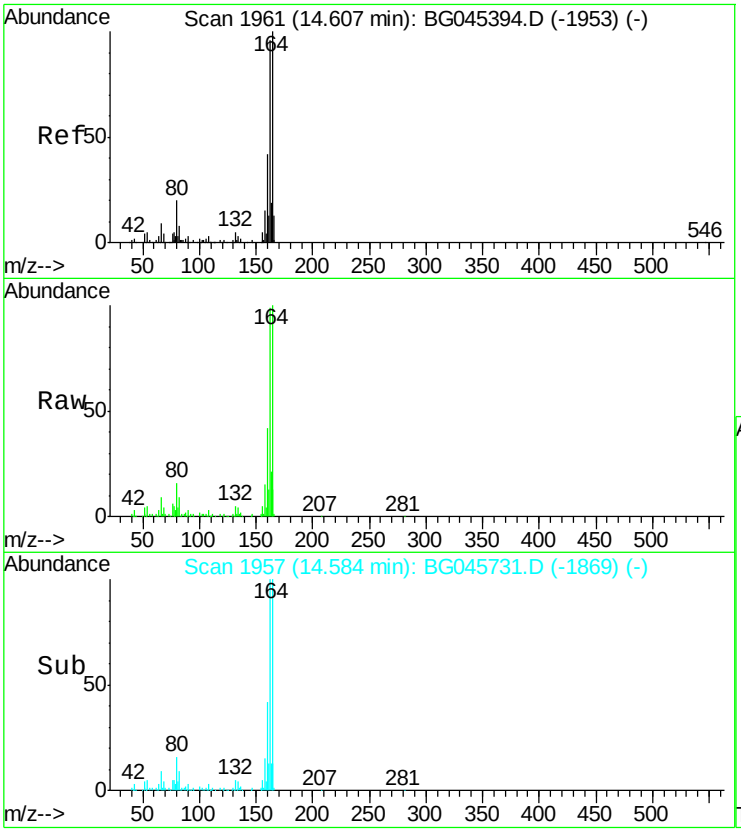


#32
Benzoic acid
Concen: 10.060 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.26 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Tgt Ion:122 Resp: 63

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



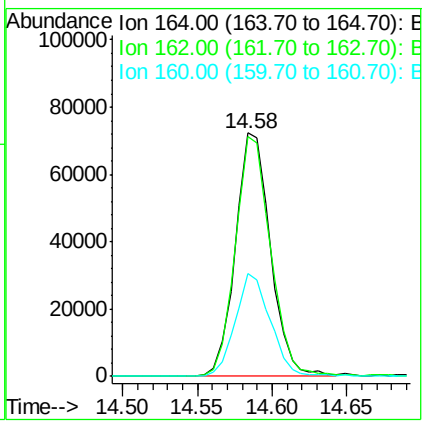


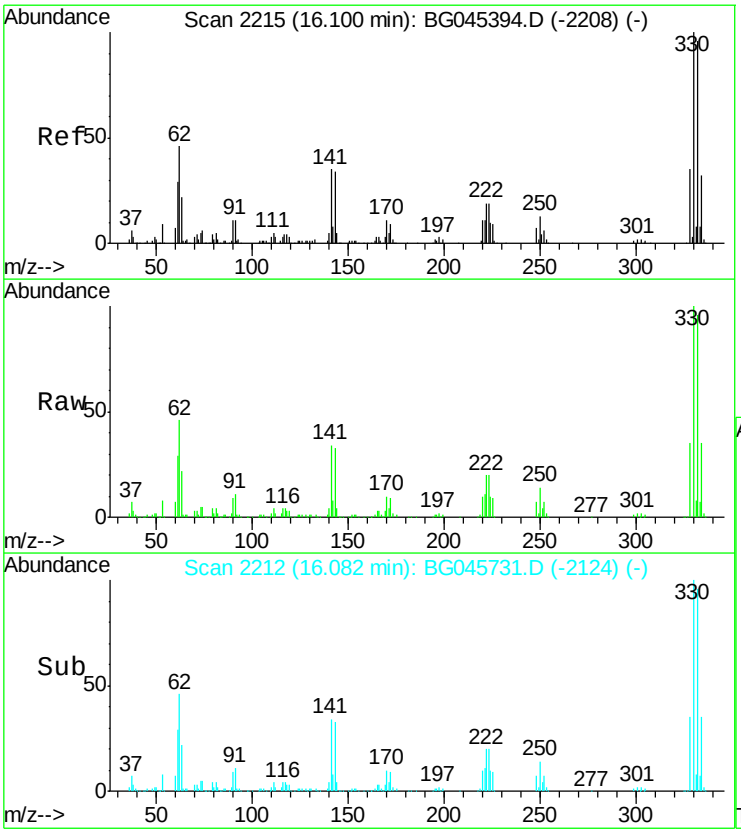
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Instrument :
BNA_G
ClientSampleId :
CL-02-060920

Tgt Ion:164 Resp: 117557

Ion	Ratio	Lower	Upper
164	100		
162	98.7	76.9	115.3
160	42.0	33.8	50.8

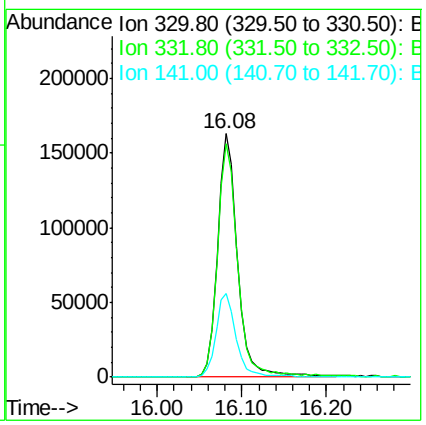


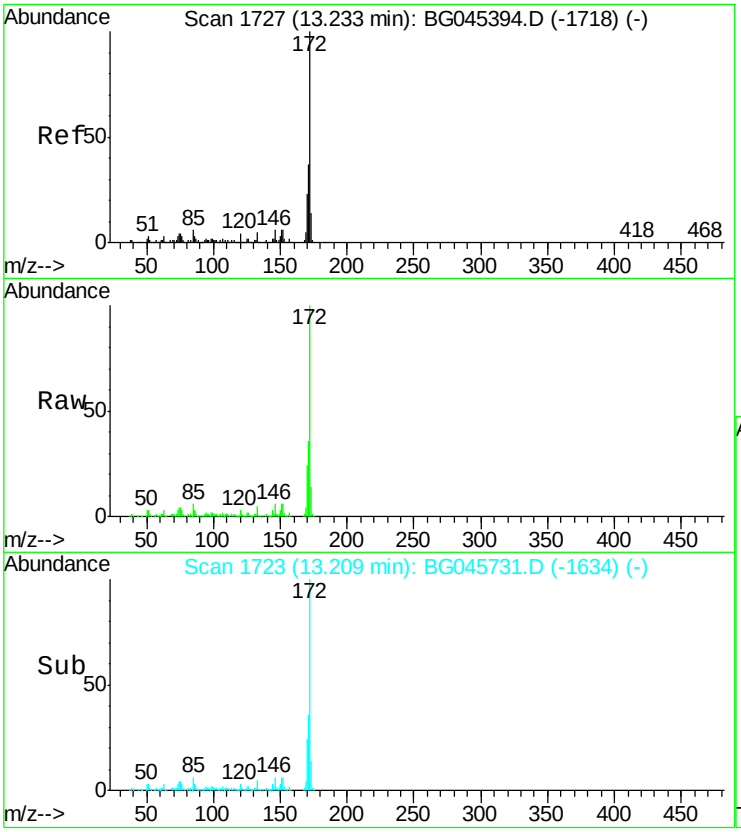


#42
2,4,6-Tribromophenol
Concen: 178.538 ng
RT: 16.08 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Tgt Ion:330 Resp: 268418

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.2	117.4
141	34.9	28.2	42.4



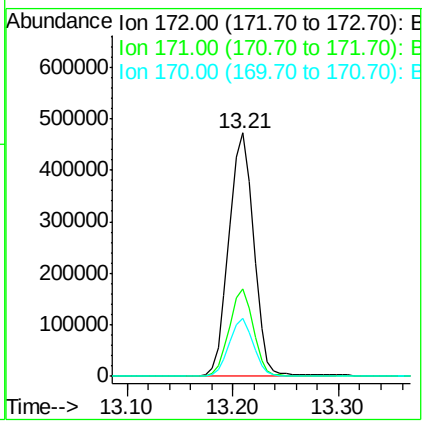


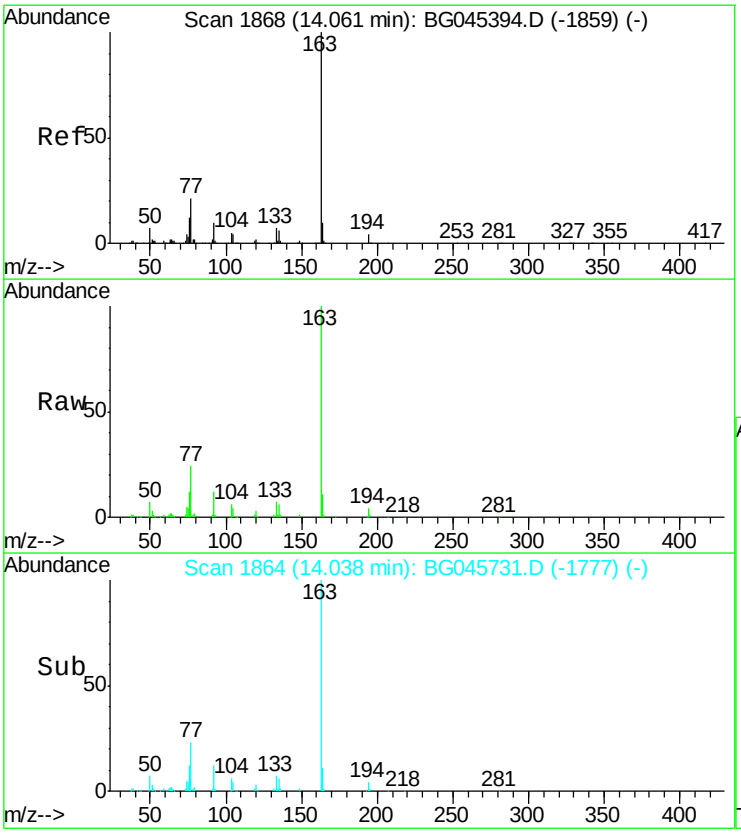
#45
2-Fluorobiphenyl
Concen: 111.380 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Instrument :
BNA_G
ClientSampleId :
CL-02-060920

Tgt Ion:172 Resp: 771928

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.5	44.3
170	23.7	18.5	27.7

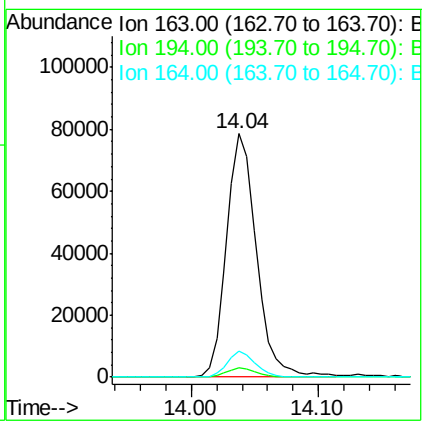


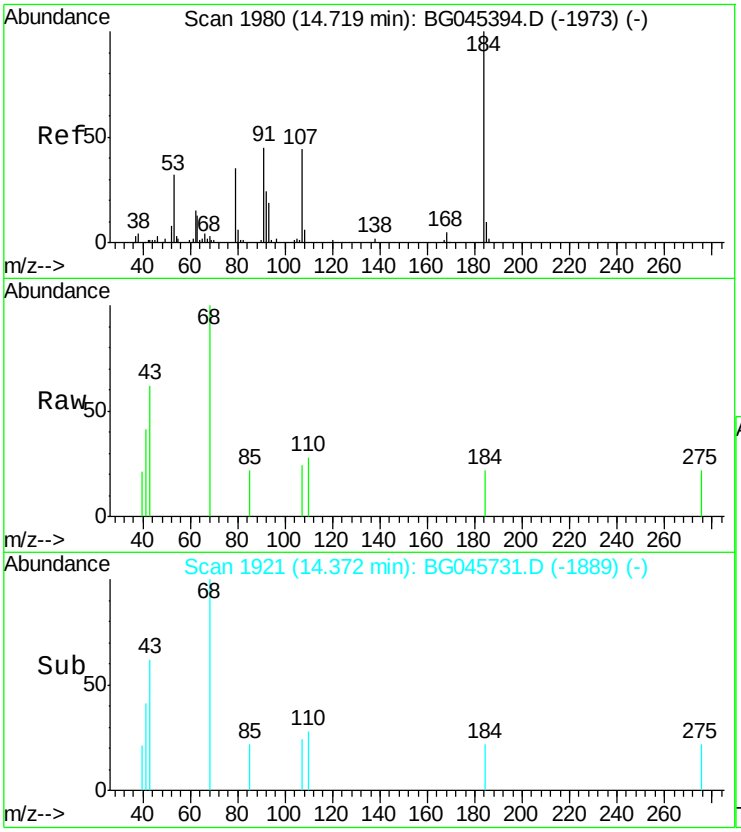


#50
Dimethylphthalate
Concen: 15.875 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Tgt Ion:163 Resp: 128025

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.9	8.3	12.5



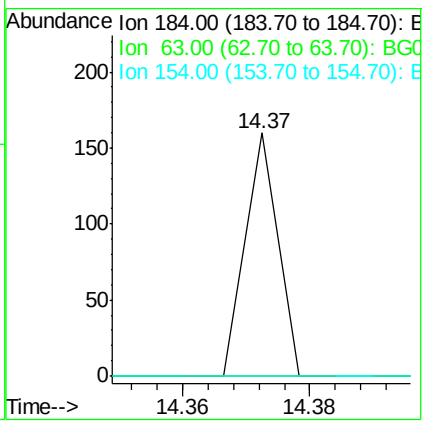


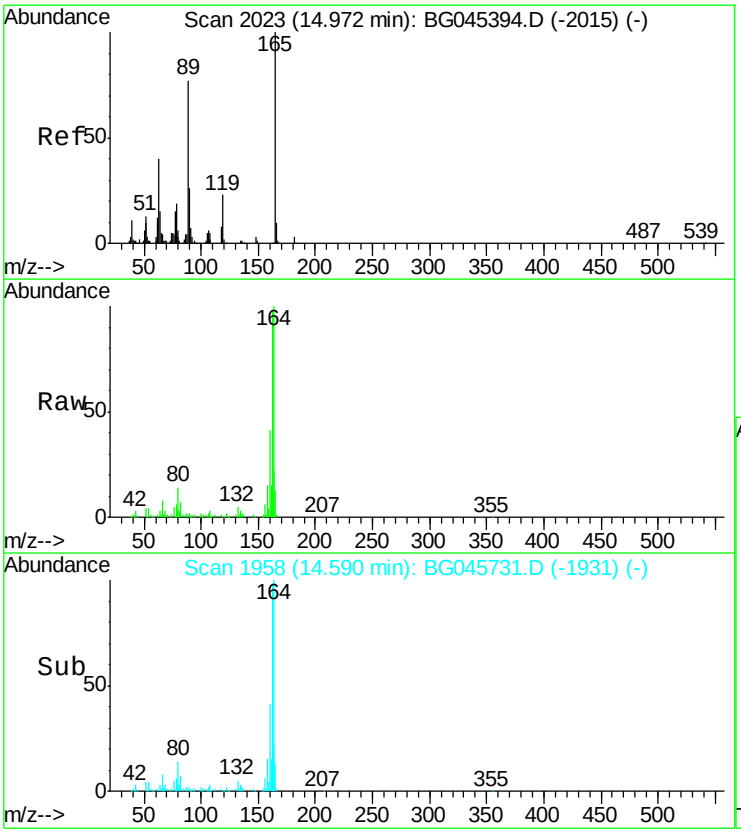
#54
2,4-Dinitrophenol
Concen: 5.503 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.34 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Instrument :
BNA_G
ClientSampleId :
CL-02-060920

Tgt Ion:184 Resp: 56

Ion	Ratio	Lower	Upper
184	100		
63	0.0	47.8	71.6#
154	0.0	58.3	87.5#

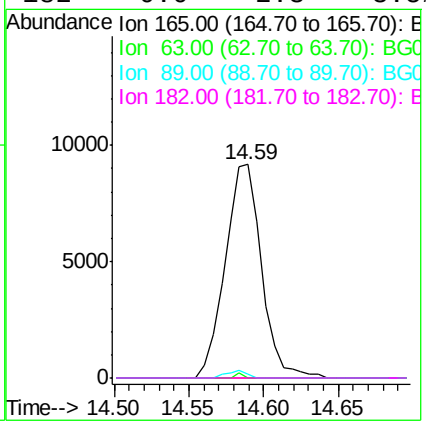


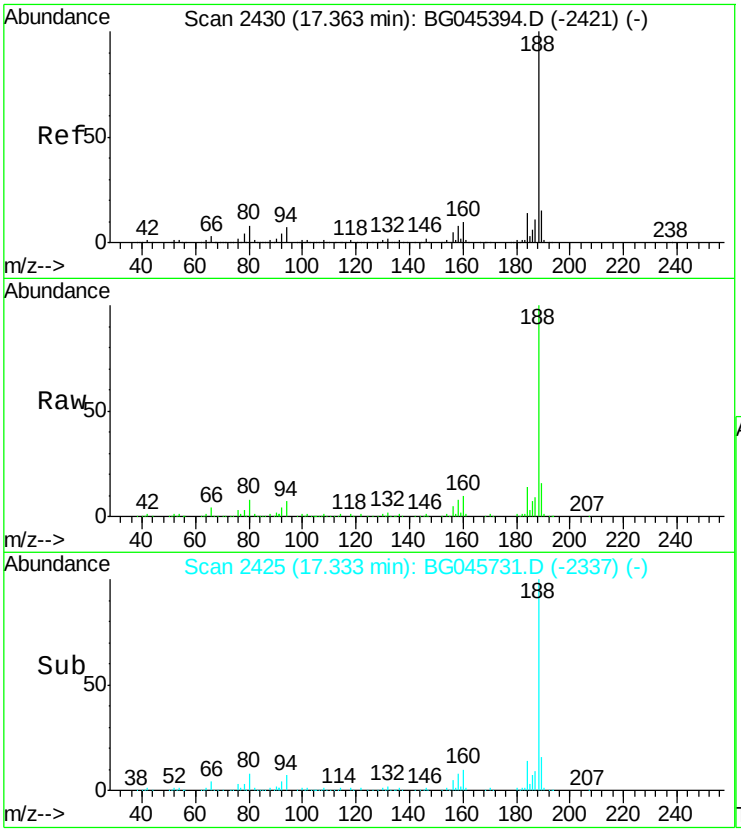


#57
2,4-Dinitrotoluene
Concen: 5.915 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.37 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Tgt Ion:165 Resp: 15588

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.5	48.7#
89	1.7	61.8	92.6#
182	0.0	2.3	3.5#



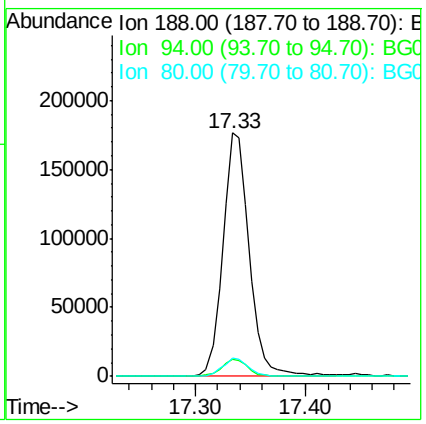


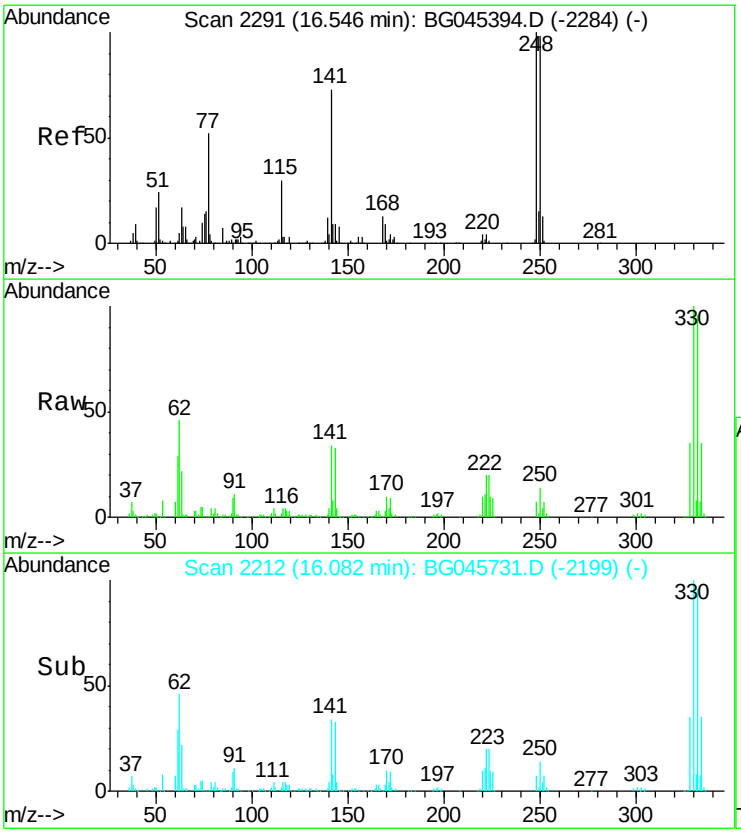
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Instrument :
BNA_G
ClientSampleId :
CL-02-060920

Tgt Ion:188 Resp: 294661

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.5	8.3
80	7.8	6.6	10.0

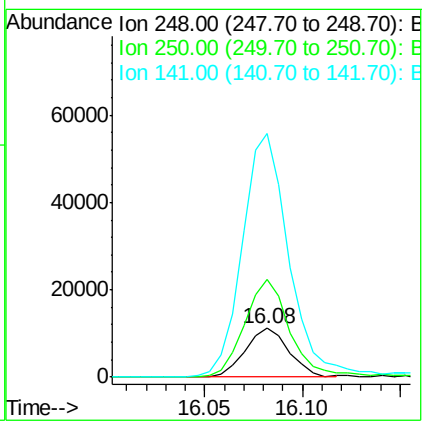


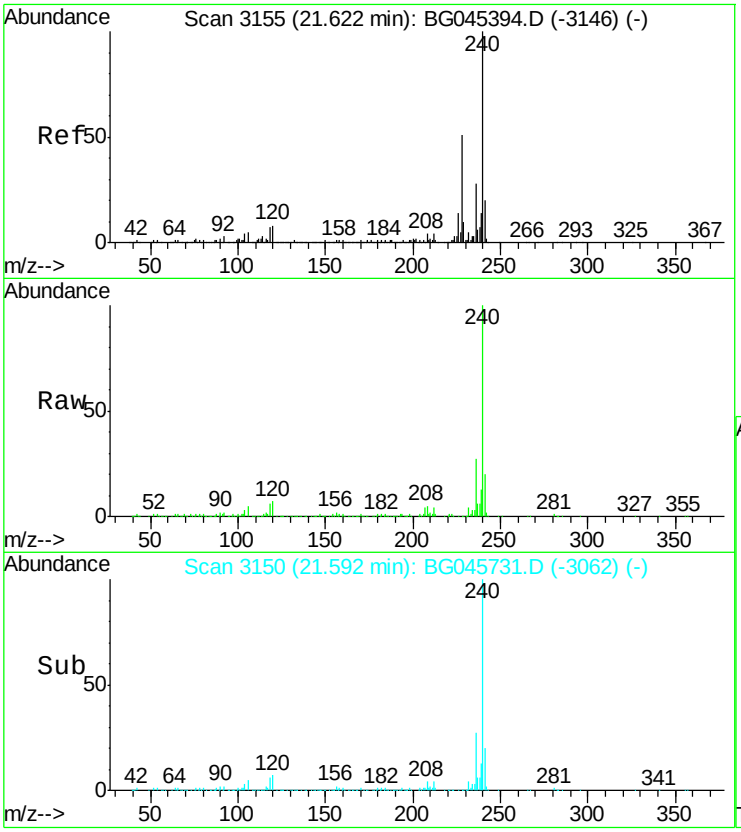


#67
4-Bromophenyl-phenylether
Concen: 5.421 ng
RT: 16.08 min Scan# 2212
Delta R.T. -0.45 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Tgt Ion:248 Resp: 17298

Ion	Ratio	Lower	Upper
248	100		
250	201.4	78.6	117.8#
141	500.3	58.2	87.2#



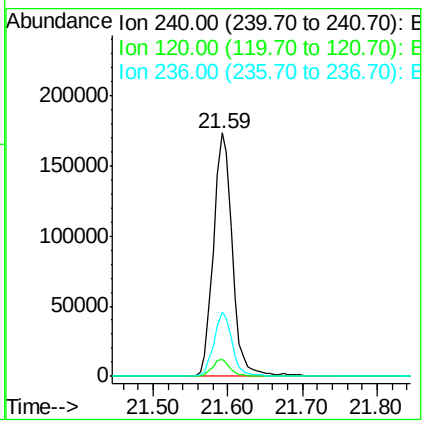


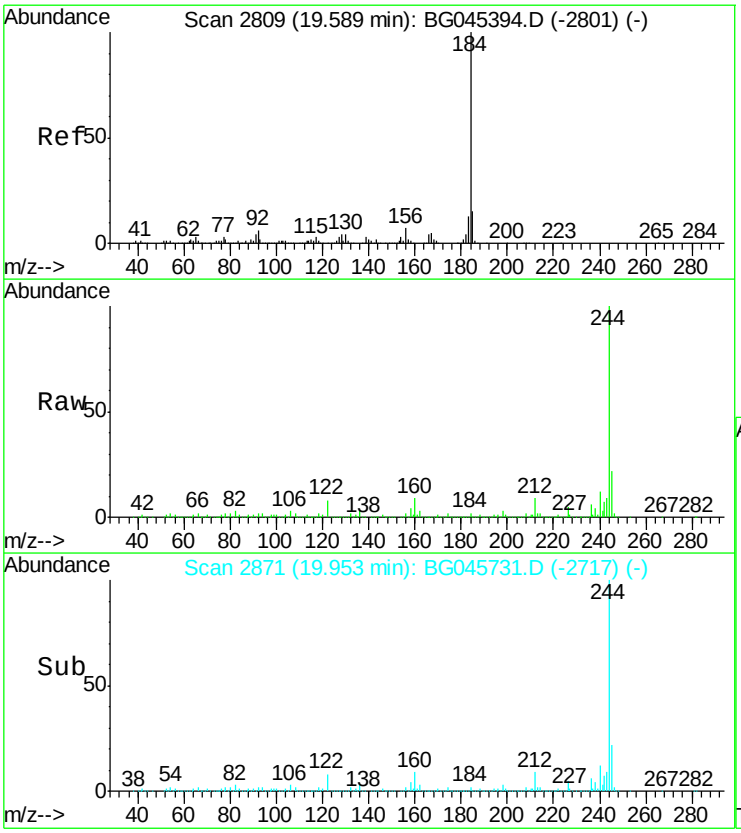
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Instrument :
BNA_G
ClientSampleId :
CL-02-060920

Tgt Ion:240 Resp: 304869

Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.1	9.1
236	26.6	22.3	33.5

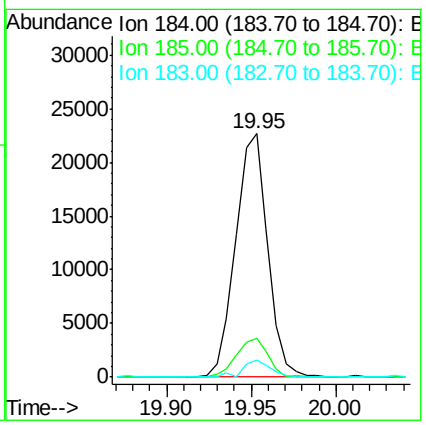


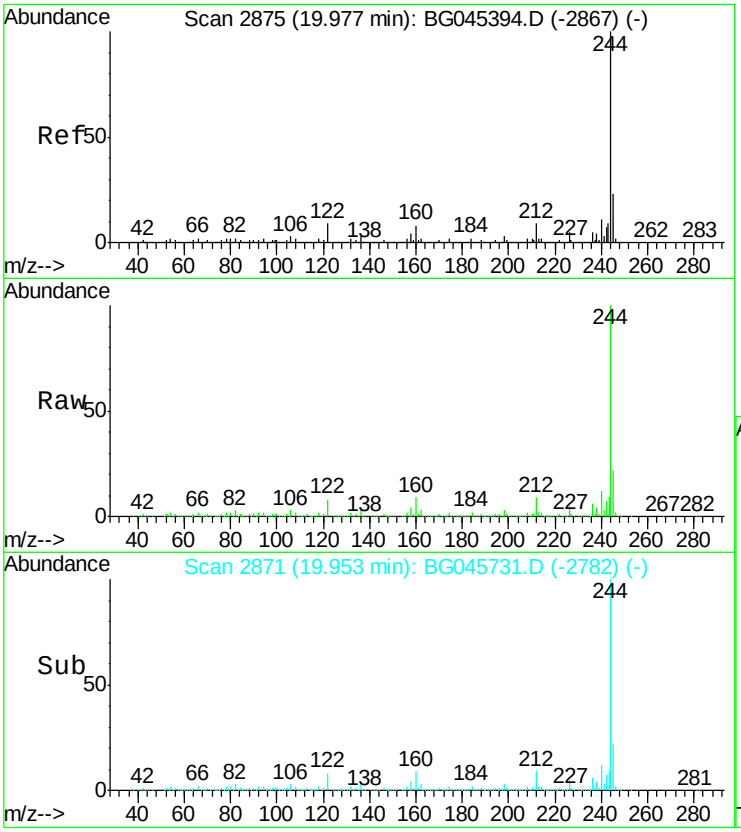


#77
Benzidine
Concen: 3.496 ng
RT: 19.95 min Scan# 2871
Delta R.T. 0.38 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Tgt Ion:184 Resp: 29932

Ion	Ratio	Lower	Upper
184	100		
185	16.2	11.7	17.5
183	6.8	10.2	15.4#



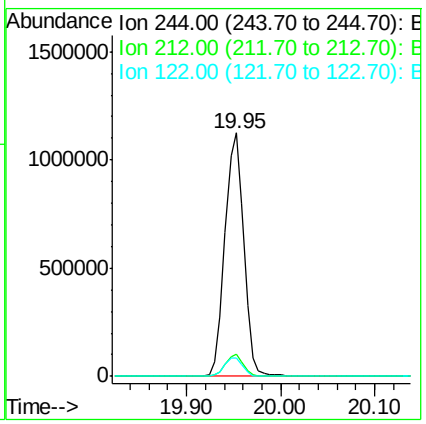


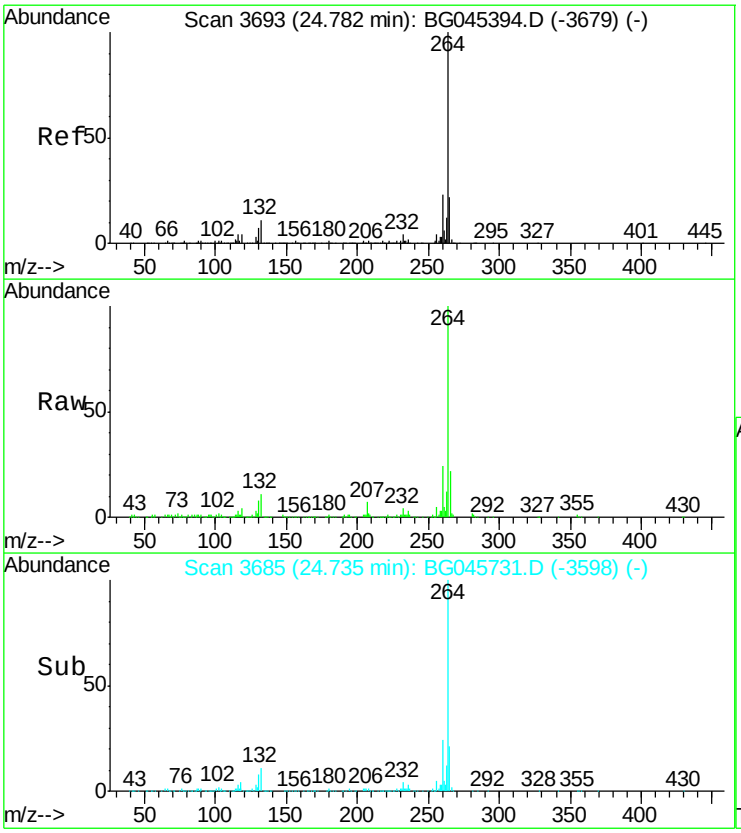
#79
Terphenyl-d14
Concen: 120.292 ng
RT: 19.95 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Instrument :
BNA_G
ClientSampleId :
CL-02-060920

Tgt Ion:244 Resp: 1572414

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.4	11.0
122	7.7	6.8	10.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.73 min Scan# 3685
Delta R.T. -0.02 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Tgt Ion:264 Resp: 316316

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	21.6	17.6	26.4