Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042020\
Data File : BG045098.D
Acq On : 20 Apr 2020 16:24
Operator : CG/JU
Sample : L2346-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-2

Quant Time: Apr 20 17:05:16 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 16:38:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	85595	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	371627	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	265778	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	554834	20.00	ng	0.00
76) Chrysene-d12	21.67	240	493265	20.00	ng	0.00
87) Perylene-d12	24.87	264	543088	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	324392	62.57	ng	0.00
7) Phenol-d6	7.19	99	534508	69.39	ng	0.00
23) Nitrobenzene-d5	9.18	82	376792	46.26	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	291506	71.00	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	951656	52.50	ng	0.00
79) Terphenyl-d14	20.01	244	1371985	60.62	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.19	77	1713	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.18	70	49608	9.106	ng	# 78
32) Benzoic acid	10.16	122	56	6.384	ng	# 1
50) Dimethylphthalate	14.11	163	165995	7.670	ng	98
57) 2,4-Dinitrotoluene	14.65	165	34588	4.890	ng	# 23
67) 4-Bromophenyl-phenylether	16.15	248	19018	2.657	ng	# 1
69) Atrazine	16.75	200	56	Below Cal	#	27
74) Di-n-butylphthalate	18.37	149	2148	Below Cal	#	53
77) Benzidine	20.01	184	25004	Below Cal	#	90

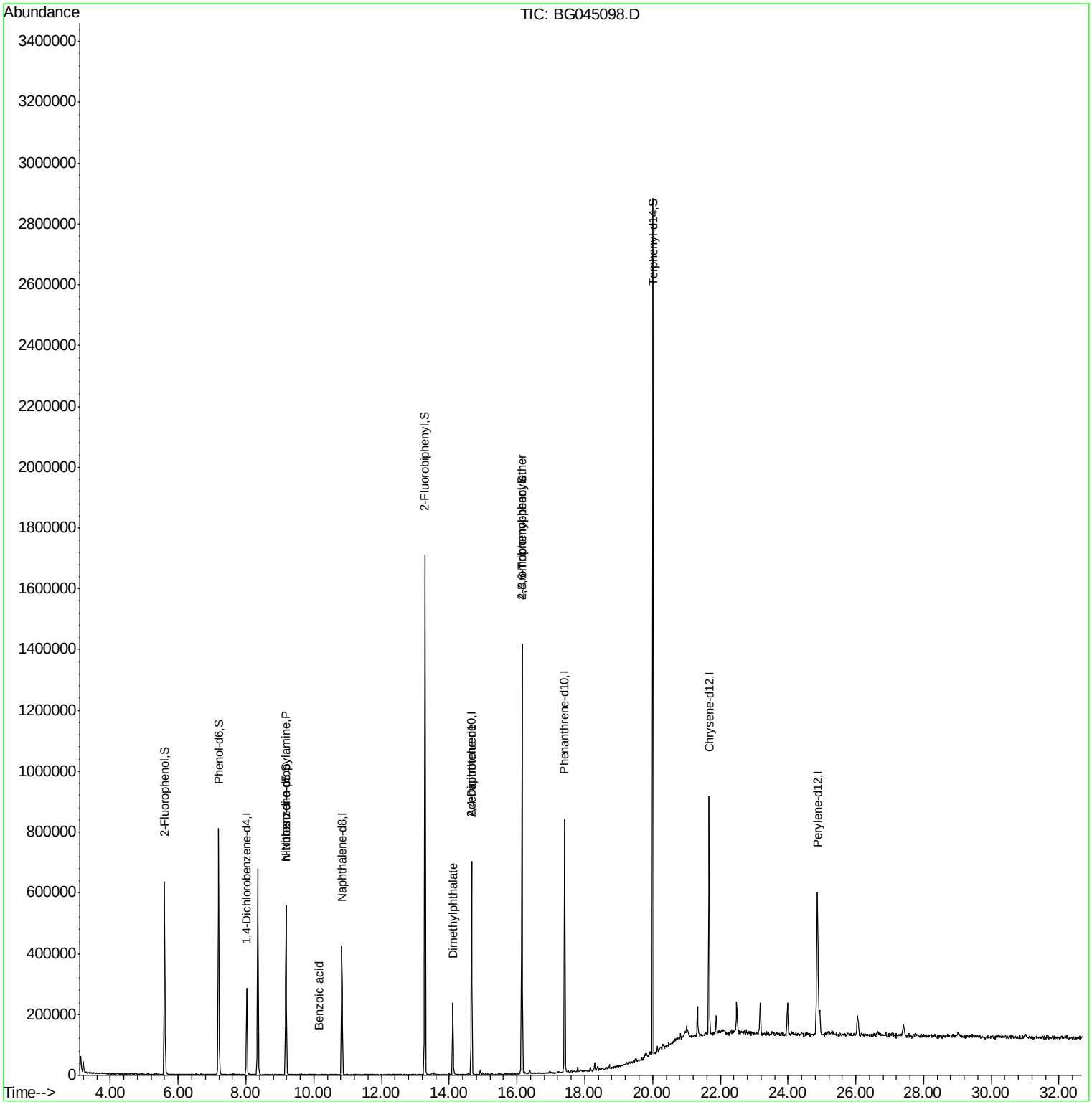
(#) = qualifier out of range (m) = manual integration (+) = signals summed

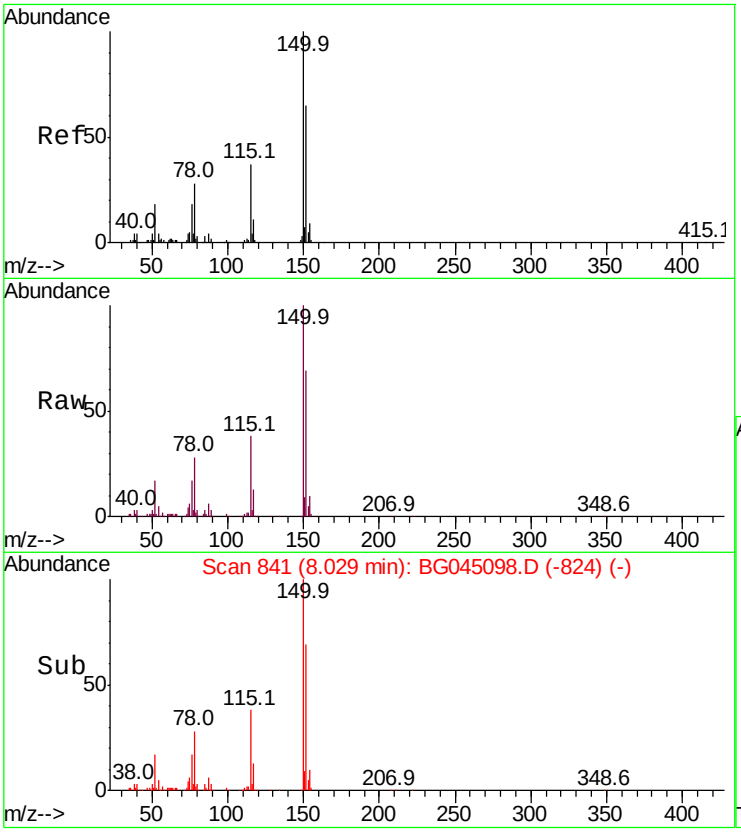
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042020\
Data File : BG045098.D
Acq On : 20 Apr 2020 16:24
Operator : CG/JU
Sample : L2346-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-2

Quant Time: Apr 20 17:05:16 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 16:38:52 2020
Response via : Initial Calibration



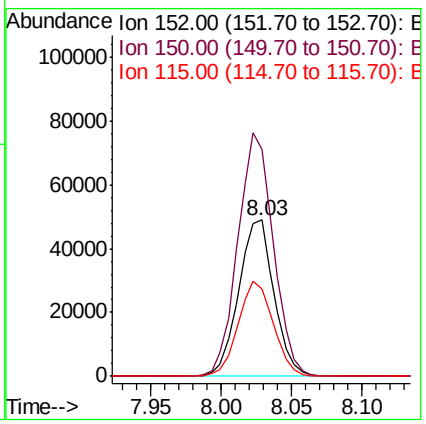


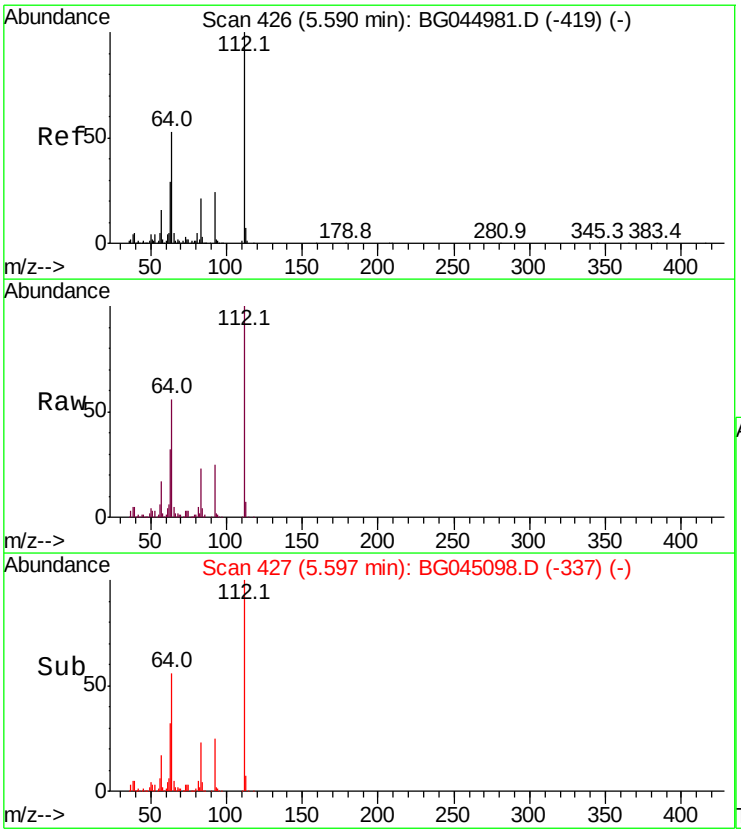
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG045098.D
Acq: 20 Apr 2020 16:24

Instrument :
BNA_G
ClientSampleId :
S-2

Tgt Ion:152 Resp: 85595

Ion	Ratio	Lower	Upper
152	100		
150	145.2	123.6	185.4
115	55.7	49.1	73.7

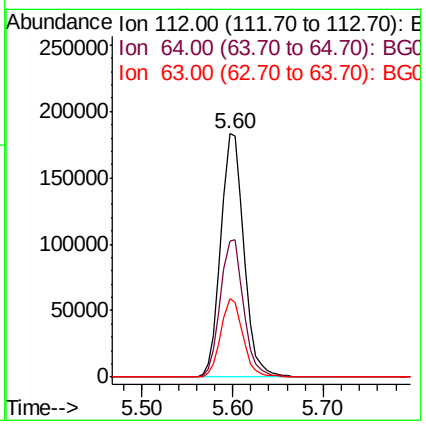


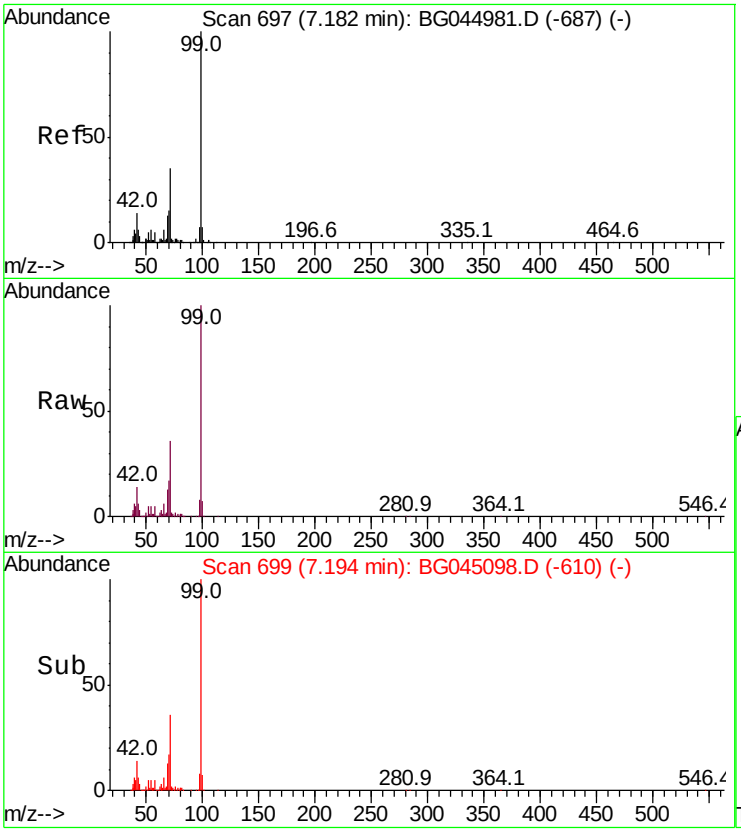


#5
2-Fluorophenol
Concen: 62.568 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG045098.D
Acq: 20 Apr 2020 16:24

Tgt Ion:112 Resp: 324392

Ion	Ratio	Lower	Upper
112	100		
64	55.8	42.4	63.6
63	32.3	23.1	34.7



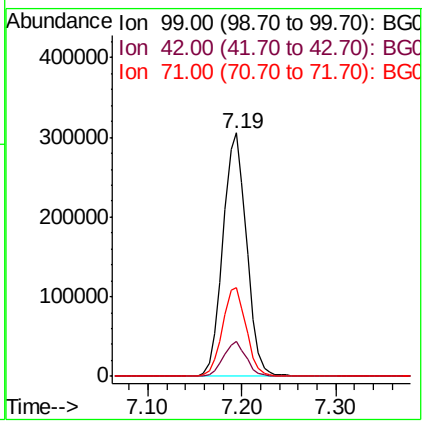


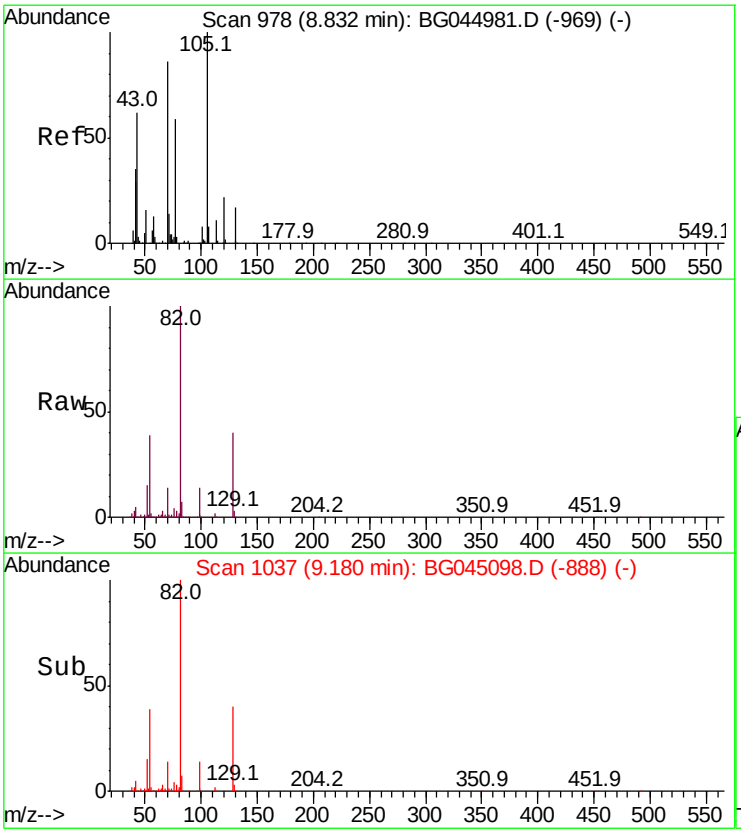
#7
Phenol-d6
Concen: 69.389 ng
RT: 7.19 min Scan# 699
Delta R.T. -0.01 min
Lab File: BG045098.D
Acq: 20 Apr 2020 16:24

Instrument :
BNA_G
ClientSampleId :
S-2

Tgt Ion: 99 Resp: 534508

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.3	16.9
71	36.5	28.3	42.5

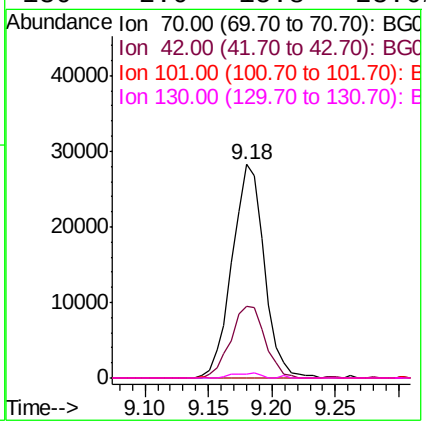


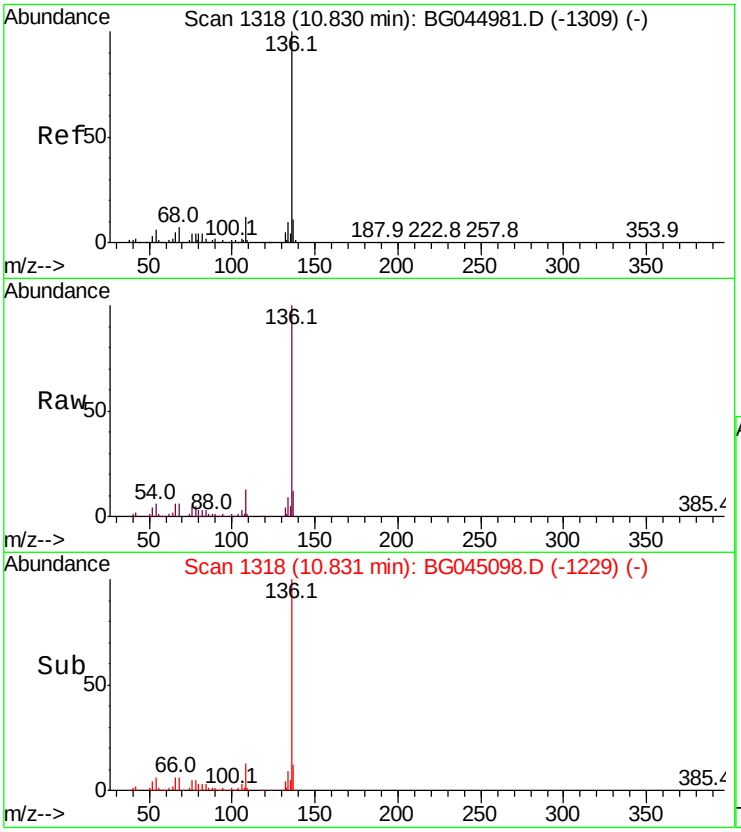


#19
n-Nitroso-di-n-propylamine
Concen: 9.106 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG045098.D
Acq: 20 Apr 2020 16:24

Tgt Ion: 70 Resp: 49608

Ion	Ratio	Lower	Upper
70	100		
42	33.8	33.3	49.9
101	0.0	7.8	11.8#
130	2.0	15.8	23.6#



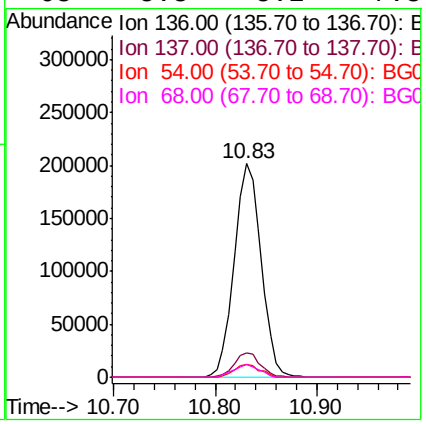


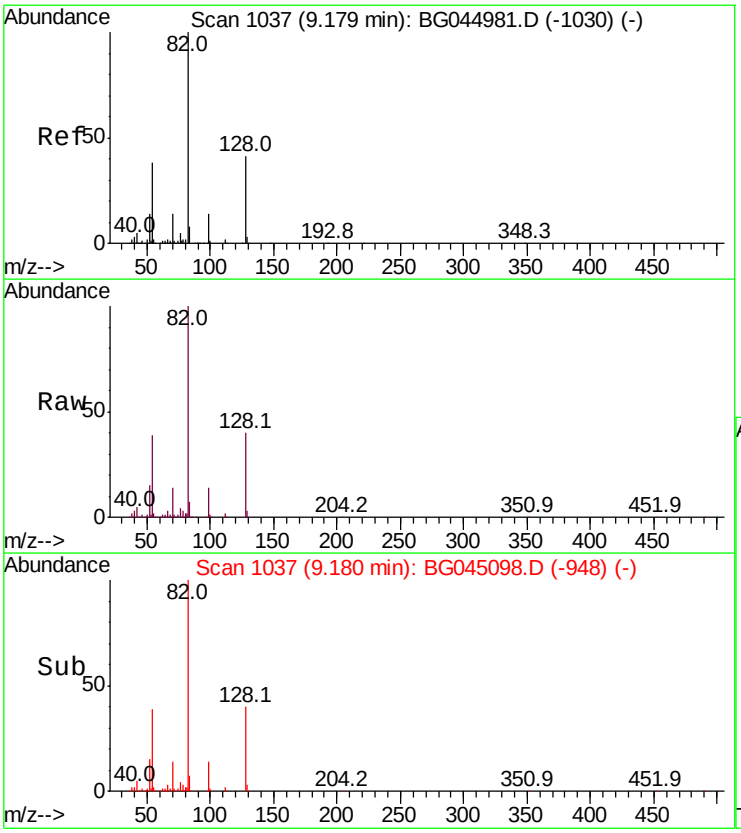
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG045098.D
Acq: 20 Apr 2020 16:24

Instrument :
BNA_G
ClientSampleId :
S-2

Tgt Ion:136 Resp: 371627

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	6.0	4.8	7.2
68	5.8	5.2	7.8

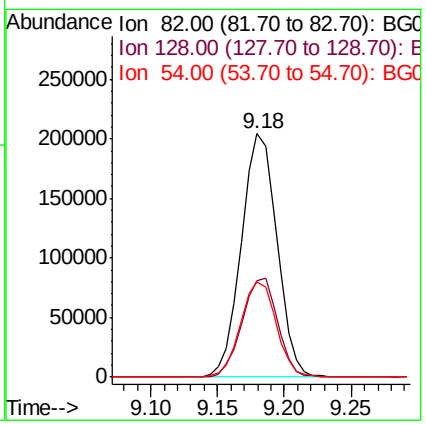


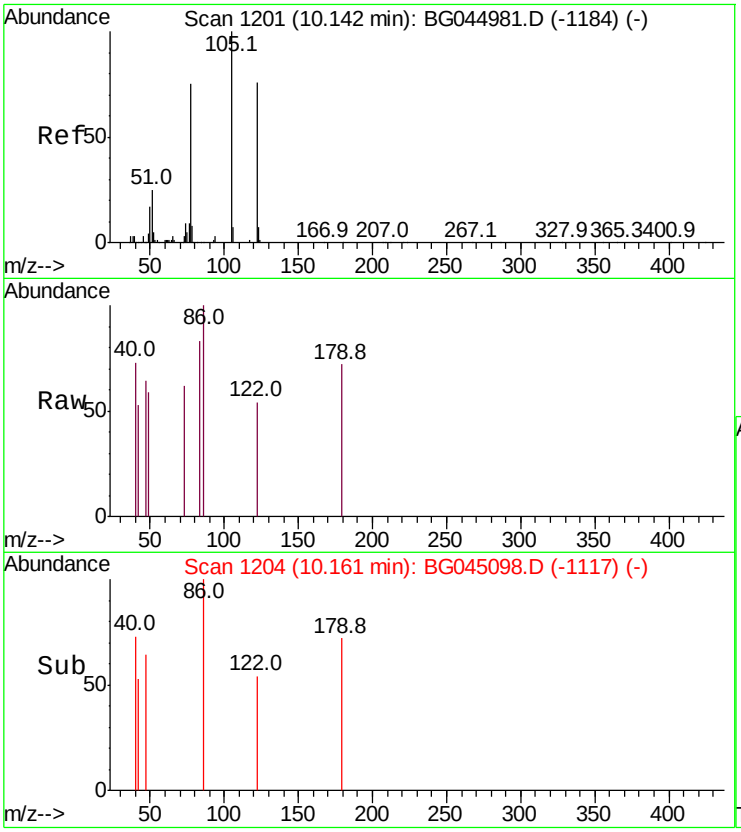


#23
Nitrobenzene-d5
Concen: 46.263 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG045098.D
Acq: 20 Apr 2020 16:24

Tgt Ion: 82 Resp: 376792

Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.0	49.4
54	38.9	30.4	45.6



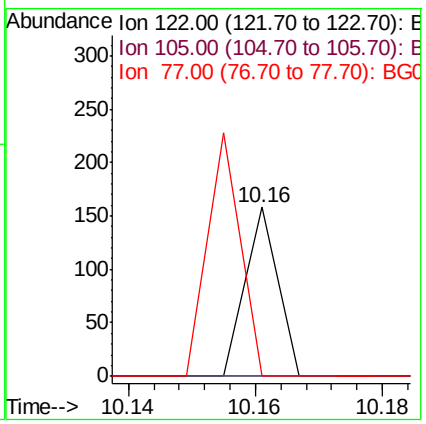


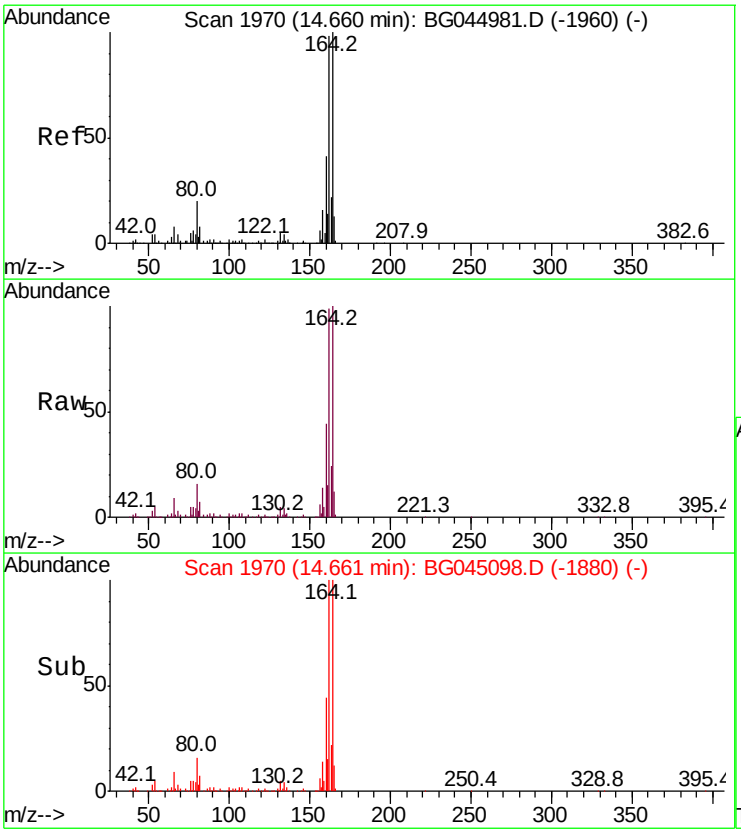
#32
Benzoic acid
Concen: 6.384 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BG045098.D
Acq: 20 Apr 2020 16:24

Instrument :
BNA_G
ClientSampleId :
S-2

Tgt Ion:122 Resp: 56

Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.4	148.4#
77	0.0	78.8	118.8#

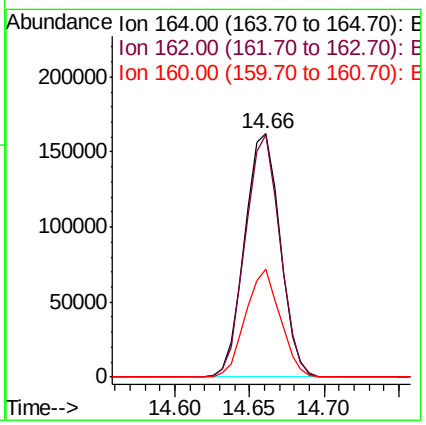


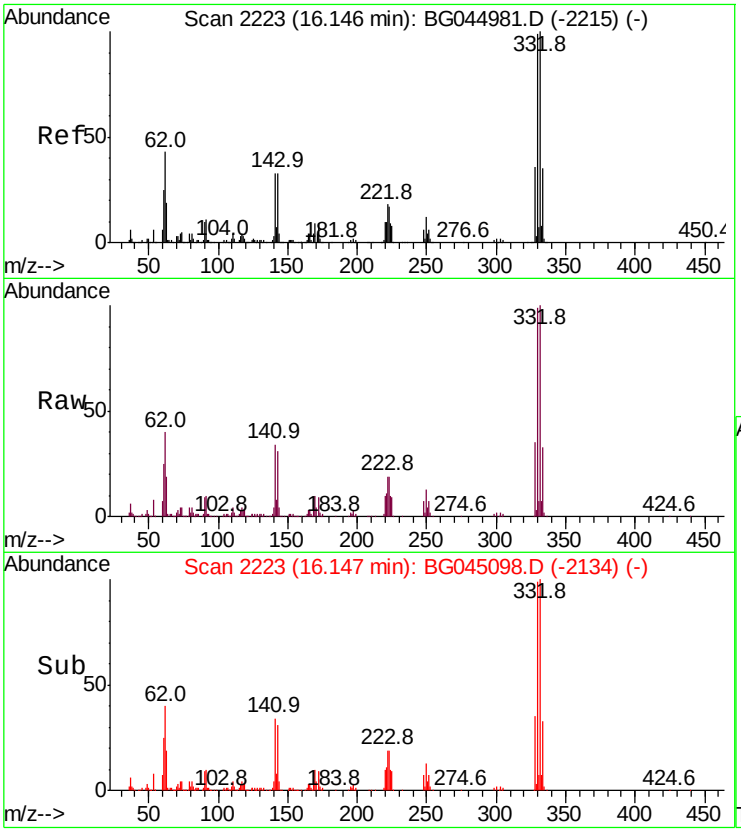


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG045098.D
Acq: 20 Apr 2020 16:24

Tgt Ion:164 Resp: 265778

Ion	Ratio	Lower	Upper
164	100		
162	99.3	78.7	118.1
160	44.1	32.8	49.2



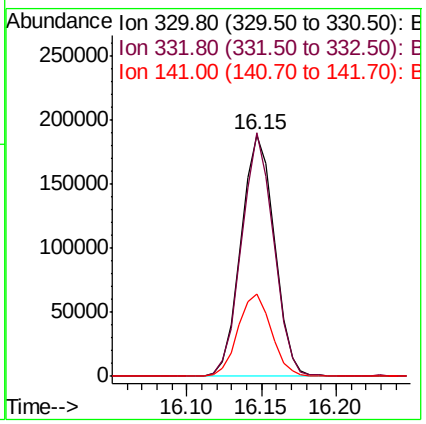


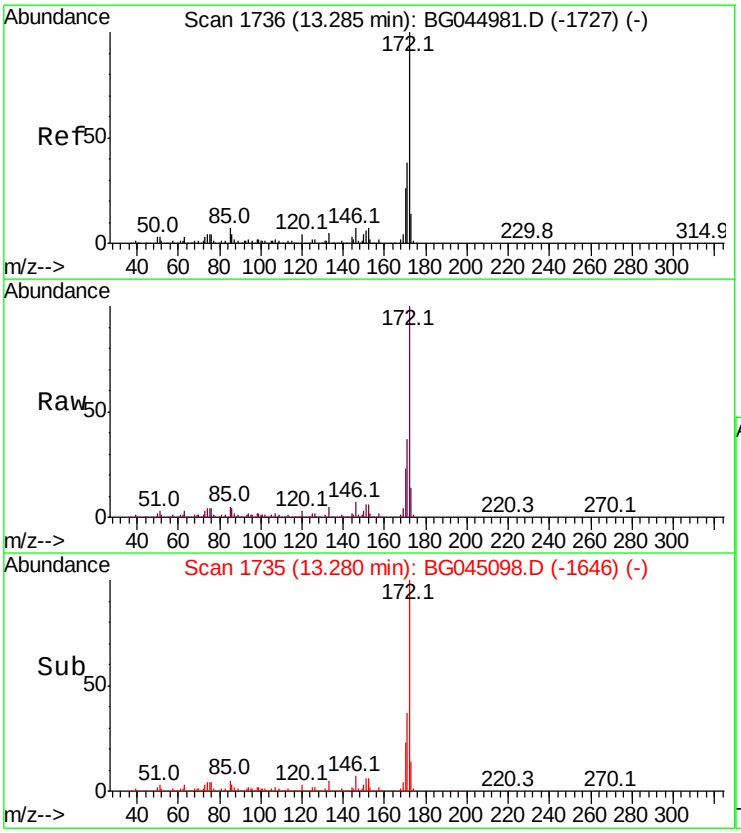
#42
2,4,6-Tribromophenol
Concen: 70.996 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG045098.D
Acq: 20 Apr 2020 16:24

Instrument :
BNA_G
ClientSampleId :
S-2

Tgt Ion:330 Resp: 291506

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.1	118.7
141	34.1	27.1	40.7

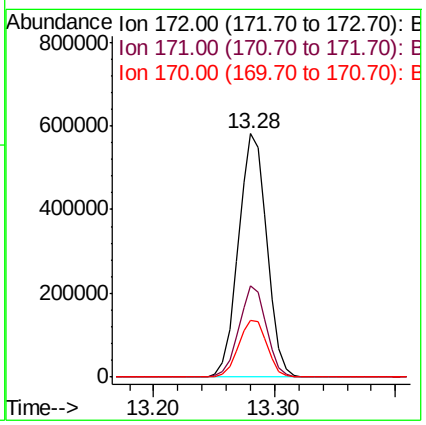


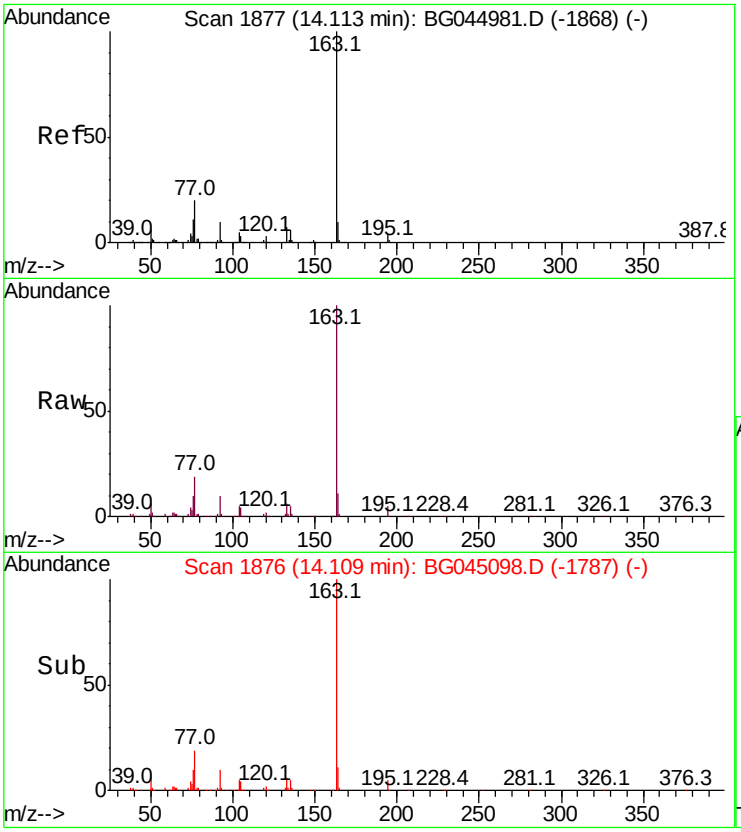


#45
2-Fluorobiphenyl
Concen: 52.504 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG045098.D
Acq: 20 Apr 2020 16:24

Tgt Ion:172 Resp: 951656

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	46.0
170	23.3	20.5	30.7



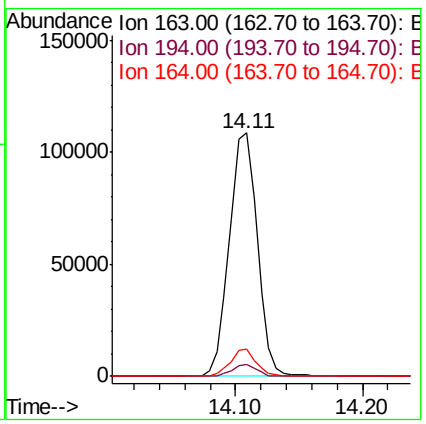


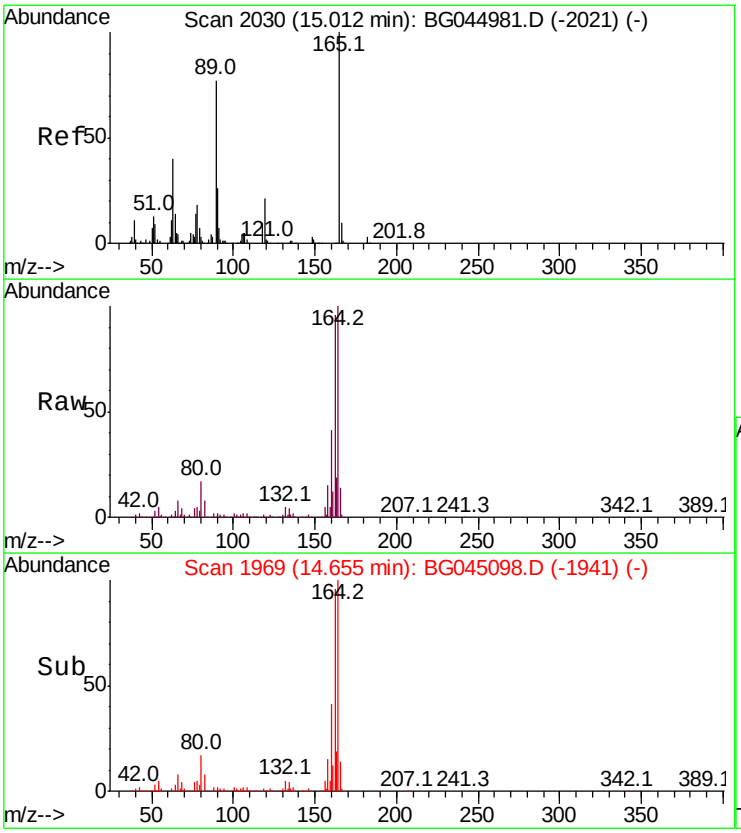
#50
Dimethylphthalate
Concen: 7.670 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG045098.D
Acq: 20 Apr 2020 16:24

Instrument :
BNA_G
ClientSampleId :
S-2

Tgt Ion:163 Resp: 165995

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	11.3	8.2	12.4

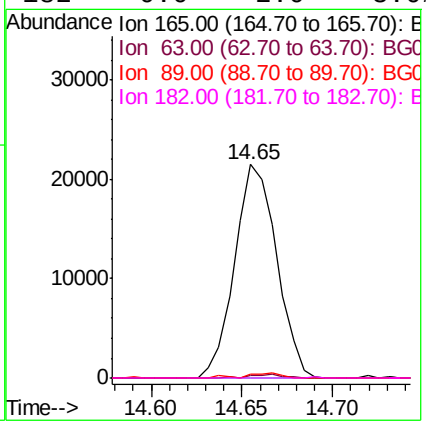


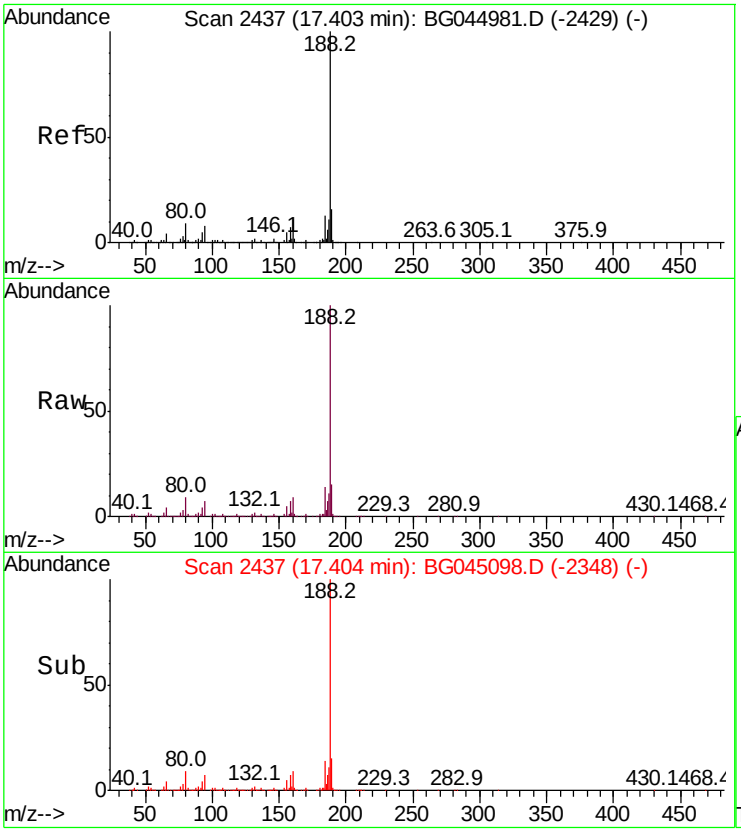


#57
2,4-Dinitrotoluene
Concen: 4.890 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.36 min
Lab File: BG045098.D
Acq: 20 Apr 2020 16:24

Tgt Ion:165 Resp: 34588

Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.2	48.2#
89	1.6	61.7	92.5#
182	0.0	2.0	3.0#



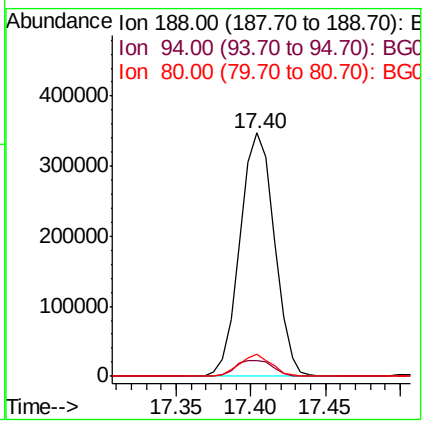


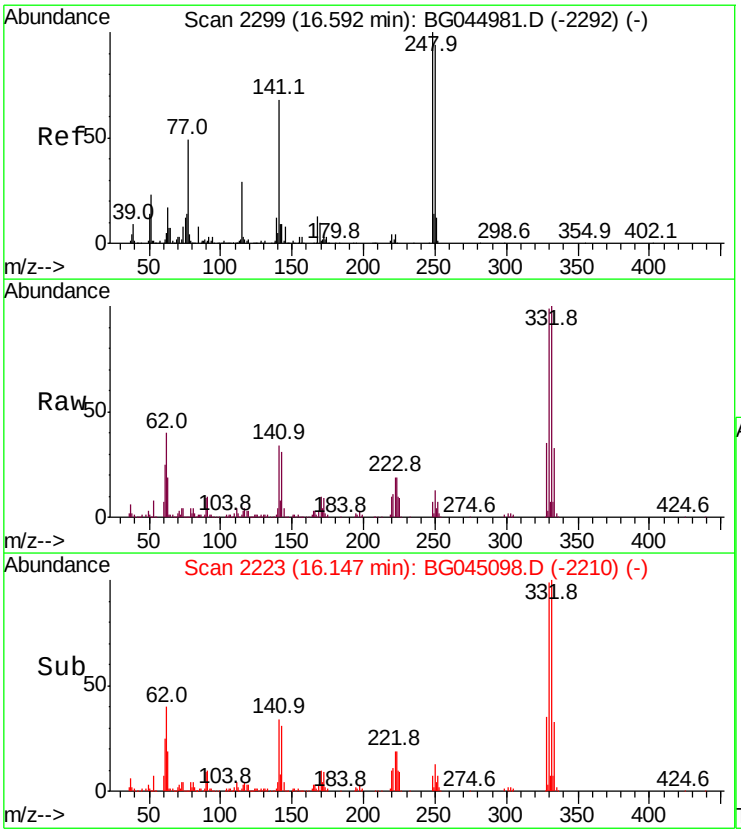
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG045098.D
Acq: 20 Apr 2020 16:24

Instrument :
BNA_G
ClientSampleId :
S-2

Tgt Ion:188 Resp: 554834

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.2	9.4
80	9.0	7.0	10.6

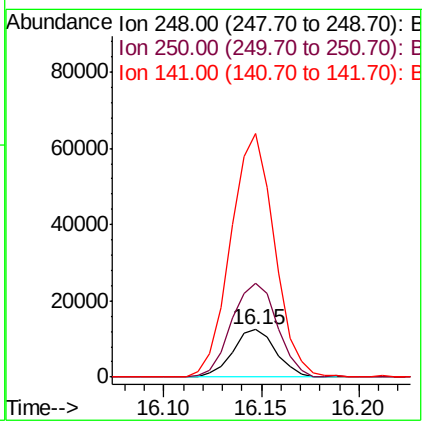


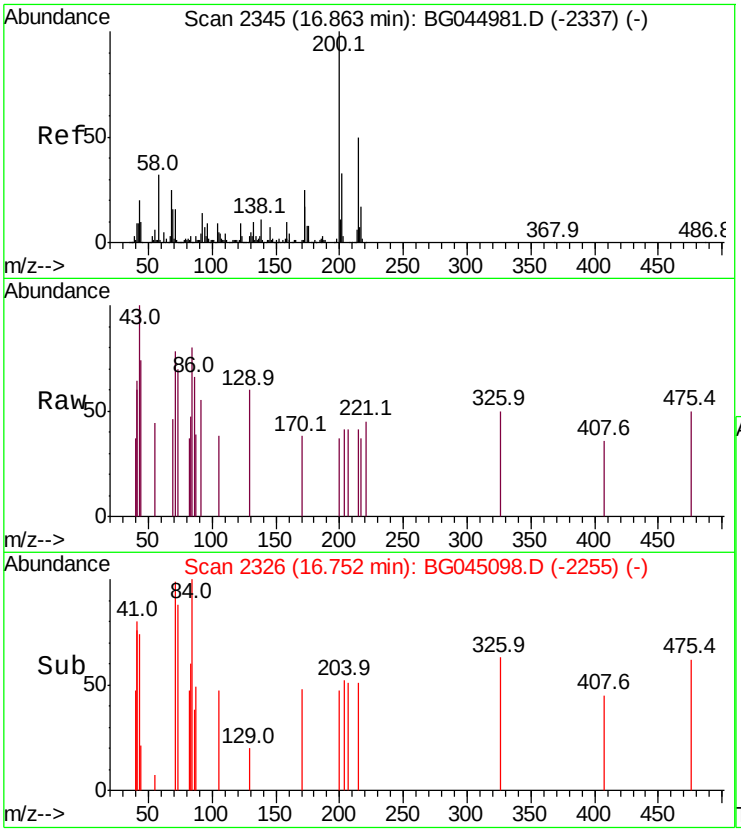


#67
4-Bromophenyl-phenylether
Concen: 2.657 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG045098.D
Acq: 20 Apr 2020 16:24

Tgt Ion:248 Resp: 19018

Ion	Ratio	Lower	Upper
248	100		
250	198.4	75.4	113.2#
141	514.9	54.4	81.6#



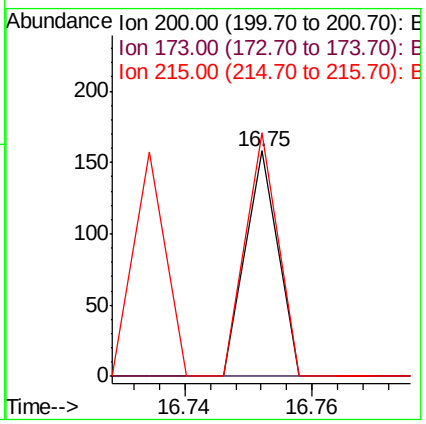


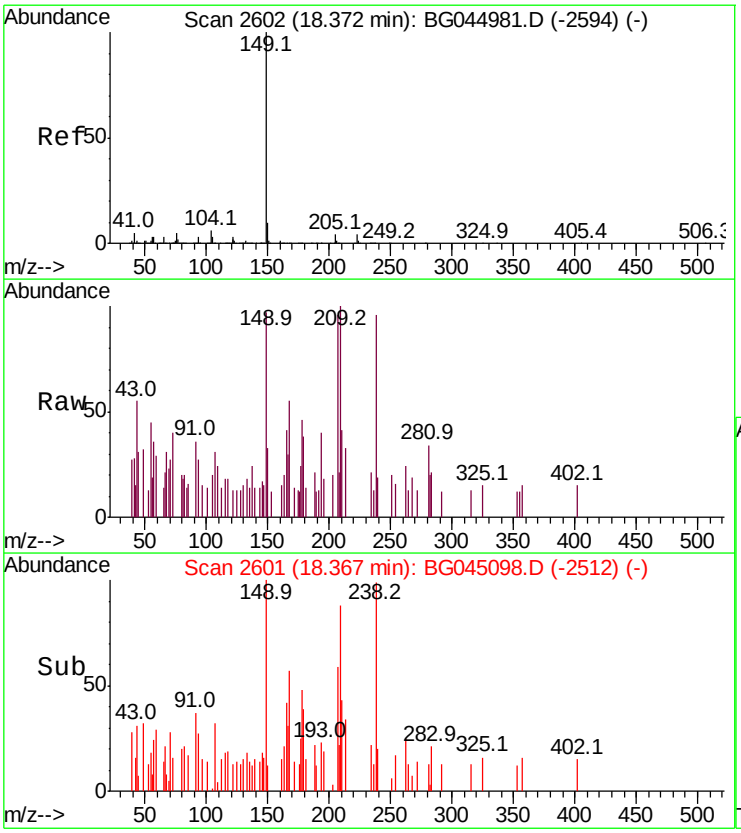
#69
Atrazine
Concen: Below Cal
RT: 16.75 min Scan# 2326
Delta R.T. -0.11 min
Lab File: BG045098.D
Acq: 20 Apr 2020 16:24

Instrument :
BNA_G
ClientSampleId :
S-2

Tgt Ion:200 Resp: 56

Ion	Ratio	Lower	Upper
200	100		
173	0.0	4.5	44.5#
215	108.2	30.0	70.0#

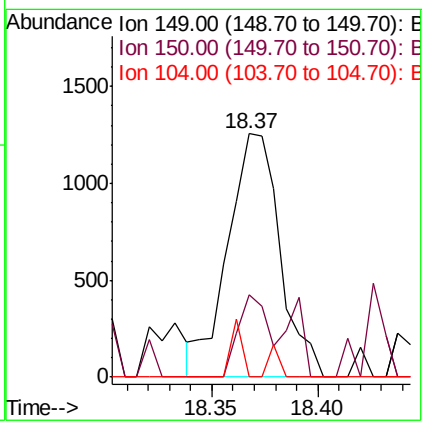


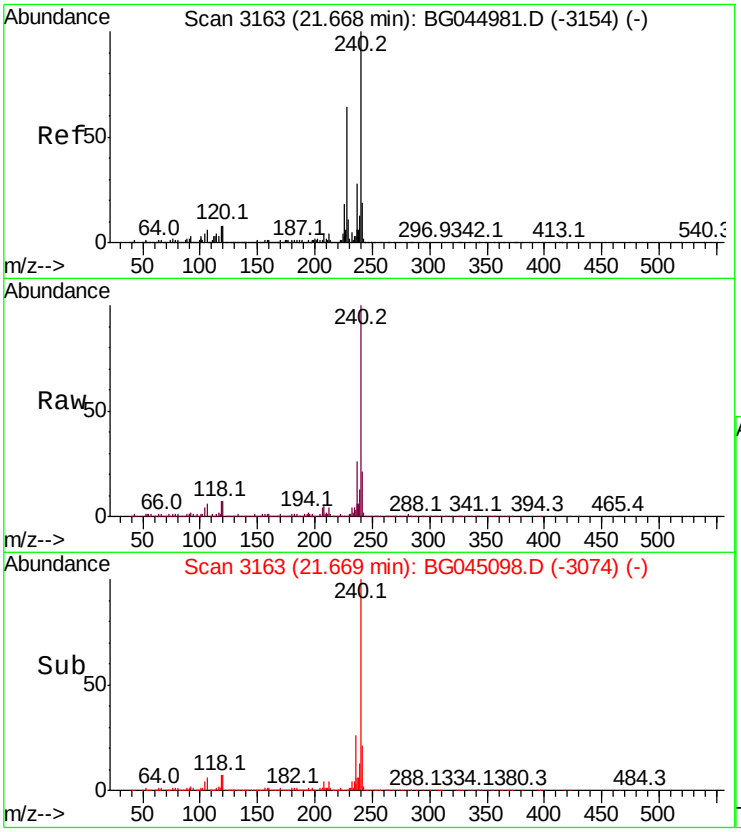


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.37 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BG045098.D
Acq: 20 Apr 2020 16:24

Tgt Ion:149 Resp: 2148

Ion	Ratio	Lower	Upper
149	100		
150	34.0	8.2	12.2#
104	0.0	4.8	7.2#



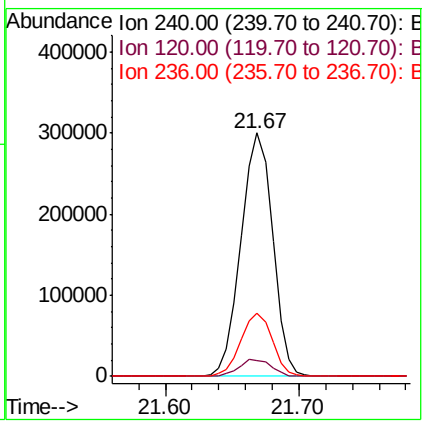


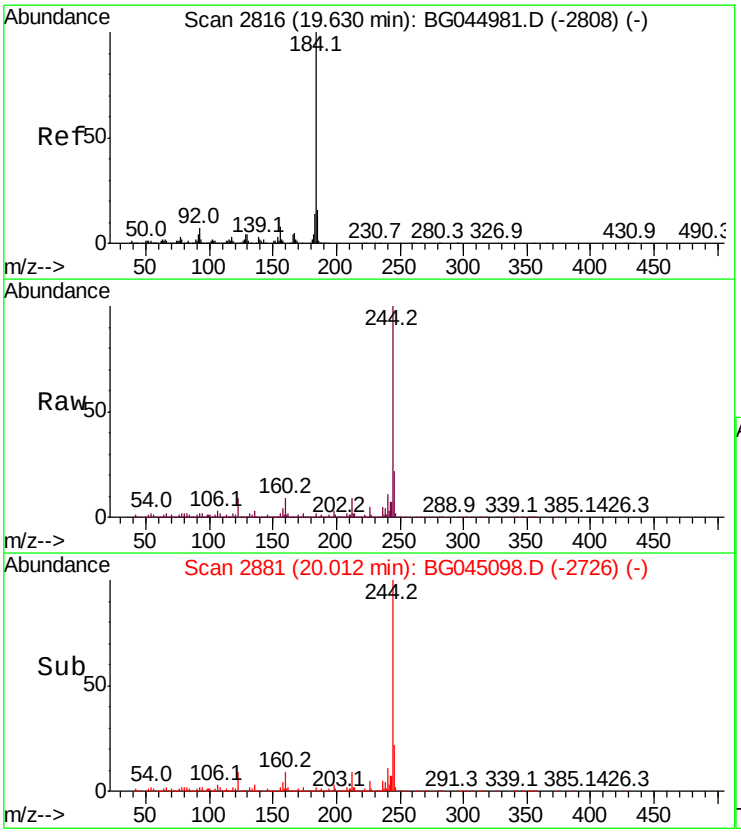
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG045098.D
Acq: 20 Apr 2020 16:24

Instrument :
BNA_G
ClientSampleId :
S-2

Tgt Ion:240 Resp: 493265

Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.6	10.0
236	25.7	22.2	33.2

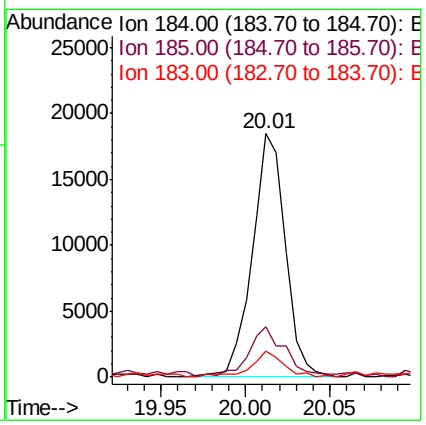


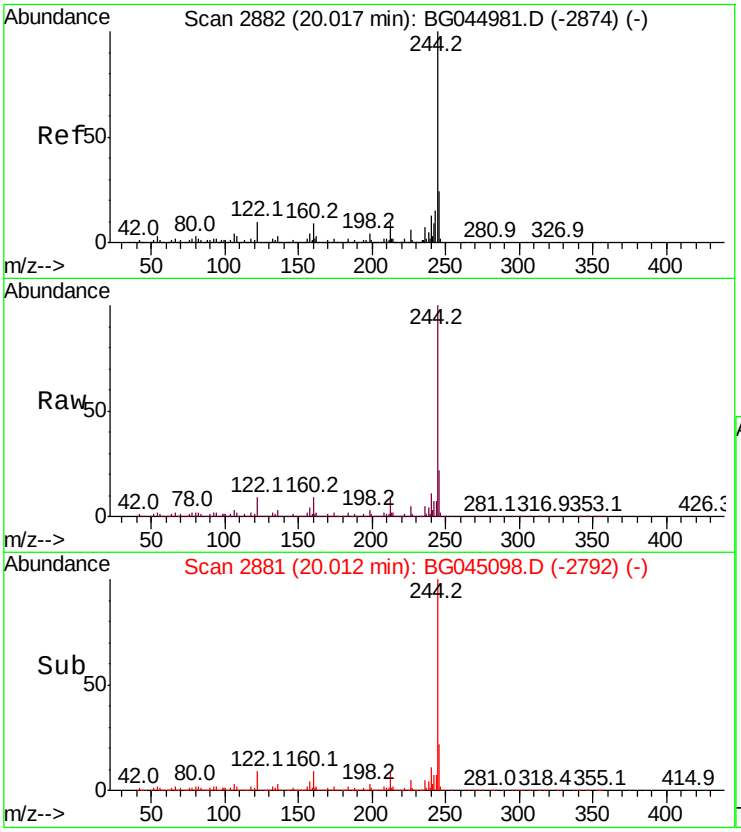


#77
Benzidine
Concen: Below Cal
RT: 20.01 min Scan# 2881
Delta R.T. 0.38 min
Lab File: BG045098.D
Acq: 20 Apr 2020 16:24

Tgt Ion:184 Resp: 25004

Ion	Ratio	Lower	Upper
184	100		
185	20.6	12.6	19.0#
183	10.9	11.3	16.9#



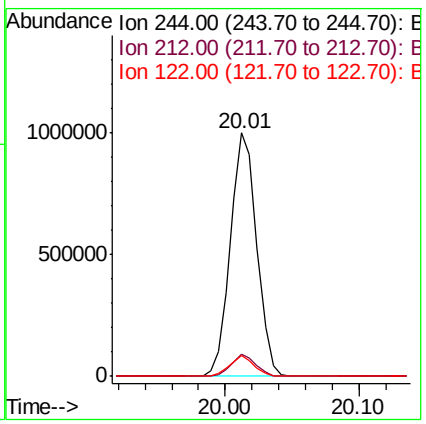


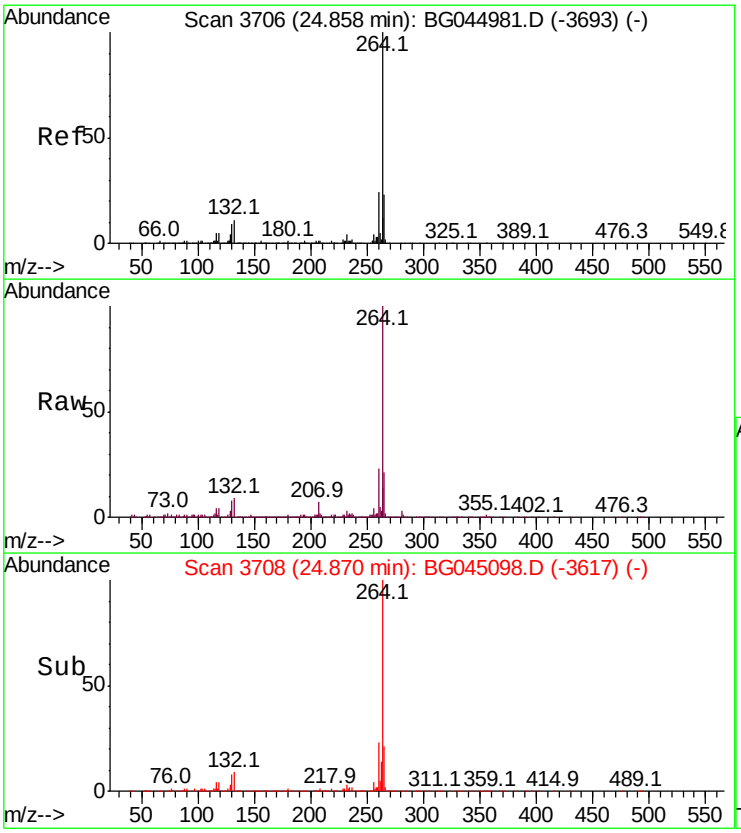
#79
Terphenyl-d14
Concen: 60.623 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG045098.D
Acq: 20 Apr 2020 16:24

Instrument :
BNA_G
ClientSampleId :
S-2

Tgt Ion:244 Resp: 1371985

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.9	11.9
122	8.6	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3708
Delta R.T. 0.01 min
Lab File: BG045098.D
Acq: 20 Apr 2020 16:24

Tgt Ion:264 Resp: 543088

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.4	19.0	28.4