Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
Data File : BG045113.D
Acq On : 21 Apr 2020 15:58
Operator : CG/JU
Sample : L2340-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BUS-WASH

Quant Time: Apr 21 16:49:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 14:13:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	62667	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	267339	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	203374	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	499294	20.00	ng		0.00
76) Chrysene-d12	21.66	240	508334	20.00	ng		0.00
87) Perylene-d12	24.85	264	553765	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	445596	117.39	ng		0.00
7) Phenol-d6	7.19	99	671121	119.00	ng		0.00
23) Nitrobenzene-d5	9.18	82	567696	96.89	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	455591	145.01	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1364112	98.35	ng		0.00
79) Terphenyl-d14	20.01	244	2390134	102.48	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.85	42	19726	12.398	ng	#	1
9) Benzaldehyde	7.19	77	1779	Below Cal		#	4
10) Phenol	7.21	94	36826	6.525	ng		92
11) bis(2-Chloroethyl)ether	7.34	93	9392	2.090	ng	#	26
20) 3+4-Methylphenols	8.78	107	225378	36.980	ng		90
24) Nitrobenzene	8.78	77	78992	13.153	ng	#	44
32) Benzoic acid	10.13	122	80	6.395	ng	#	36
50) Dimethylphthalate	14.10	163	62027	3.746	ng	#	98
57) 2,4-Dinitrotoluene	14.65	165	25990	4.802	ng	#	24
67) 4-Bromophenyl-phenylether	16.14	248	30293	4.703	ng	#	1
69) Atrazine	16.93	200	60	Below Cal		#	35
74) Di-n-butylphthalate	18.36	149	2227	Below Cal		#	86
75) Fluoranthene	19.45	202	603	Below Cal			68
77) Benzidine	19.62	184	235016	11.533	ng		96

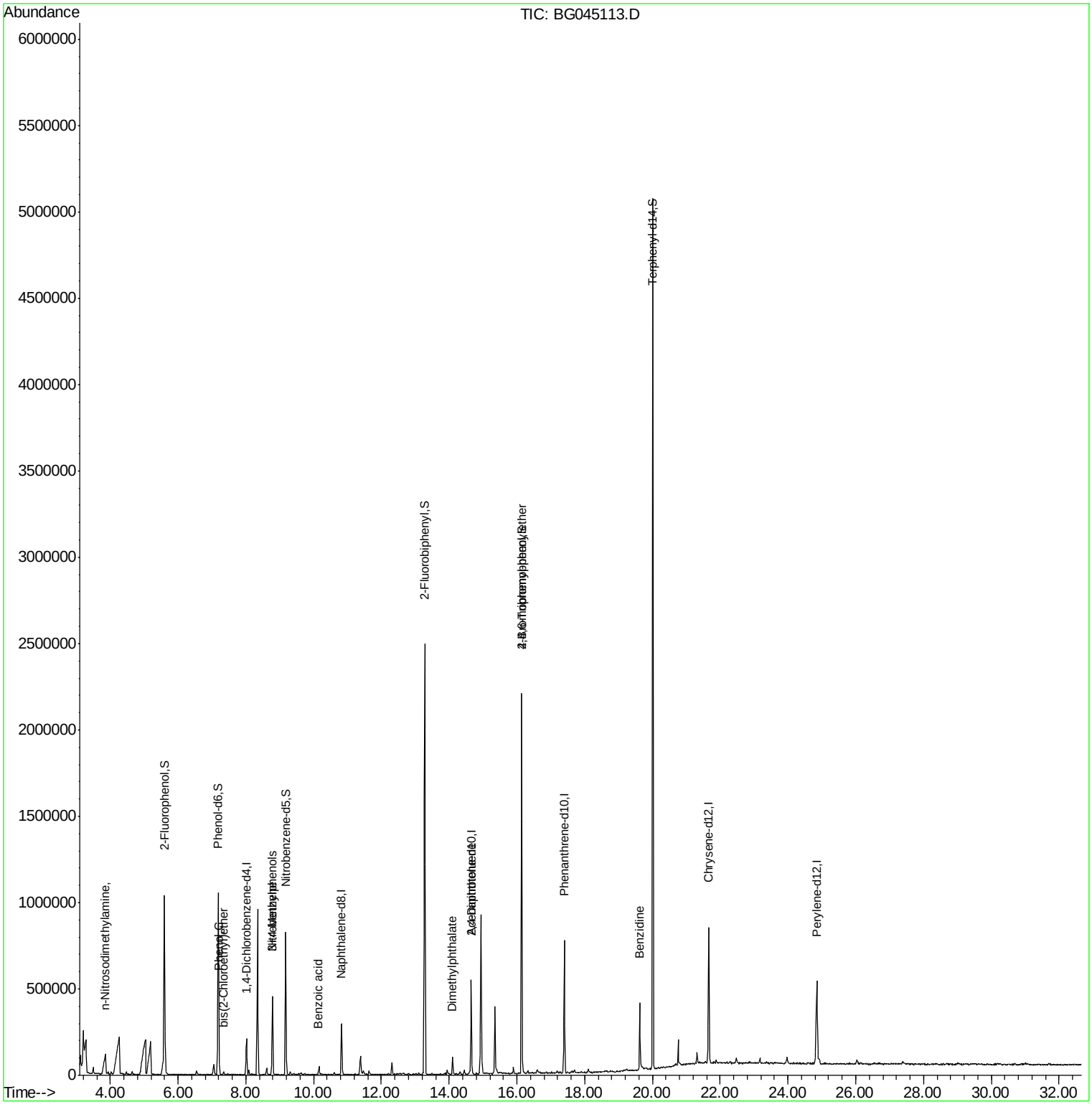
(#) = qualifier out of range (m) = manual integration (+) = signals summed

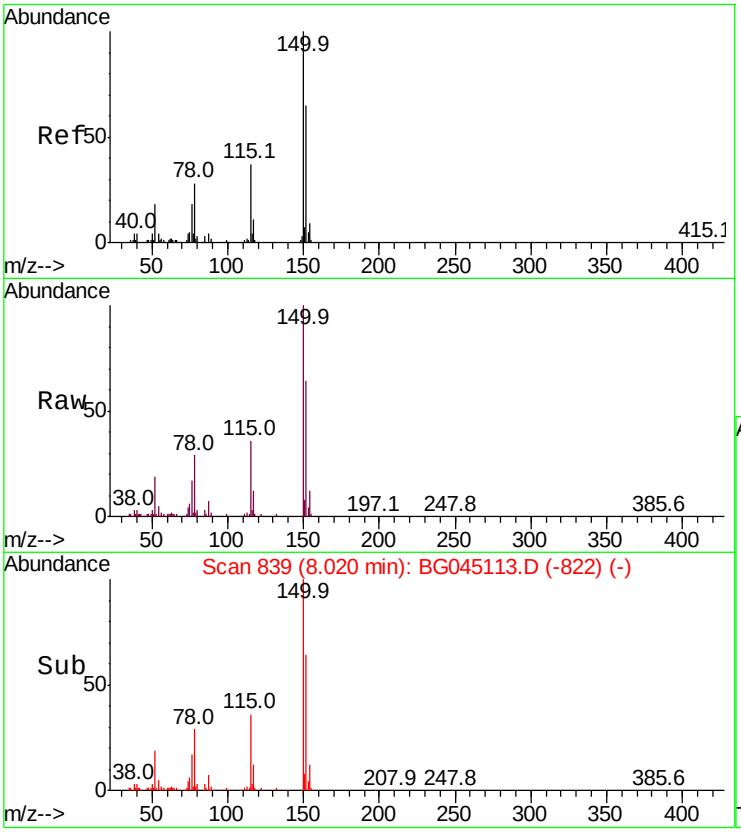
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
Data File : BG045113.D
Acq On : 21 Apr 2020 15:58
Operator : CG/JU
Sample : L2340-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BUS-WASH

Quant Time: Apr 21 16:49:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 14:13:24 2020
Response via : Initial Calibration



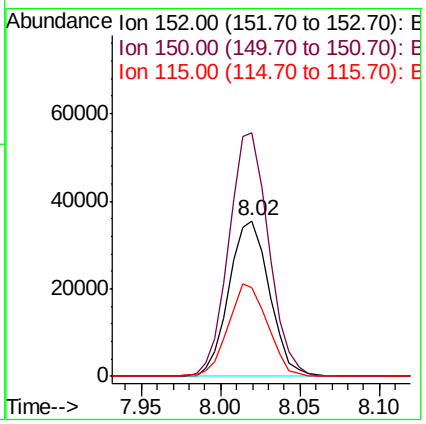


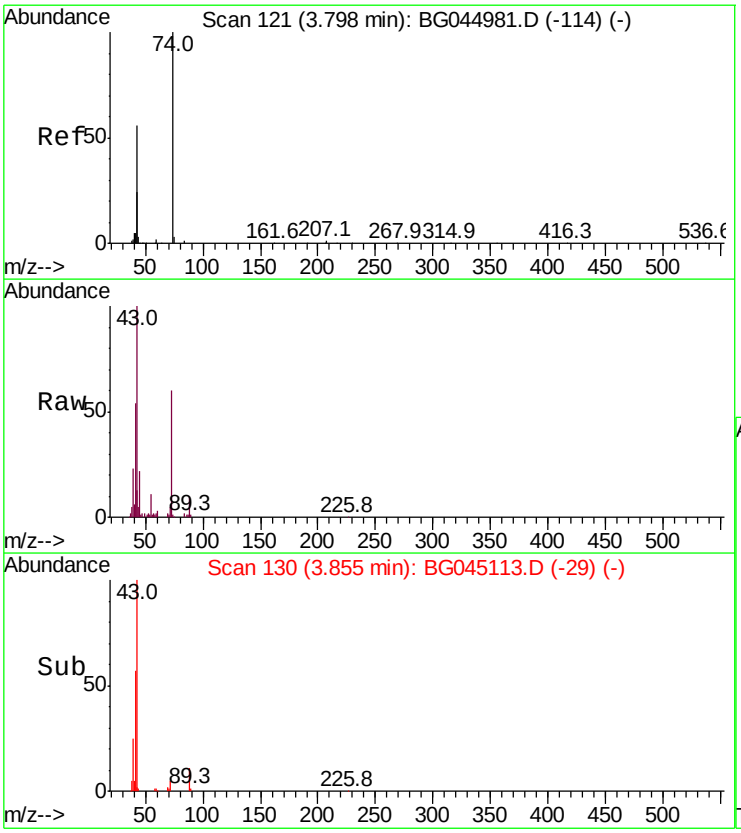
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tgt Ion:152 Resp: 62667

Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.6	185.4
115	57.0	49.1	73.7

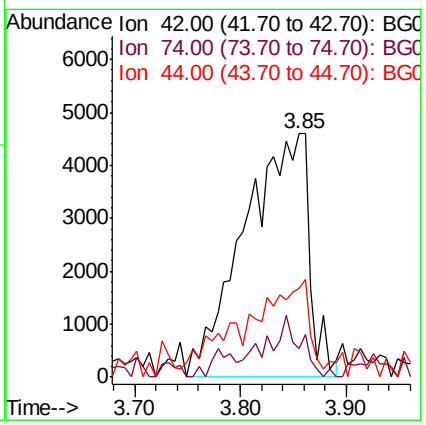


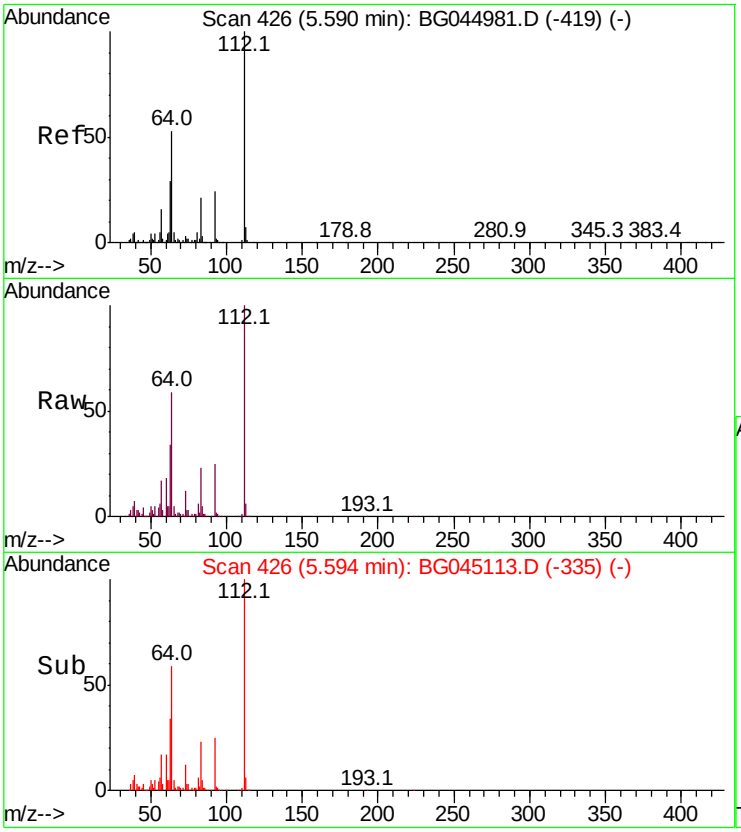


#4
n-Nitrosodimethylamine
Concen: 12.398 ng
RT: 3.85 min Scan# 130
Delta R.T. 0.06 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Tgt Ion: 42 Resp: 19726

Ion	Ratio	Lower	Upper
42	100		
74	11.6	143.0	214.6#
44	36.7	4.6	6.8#



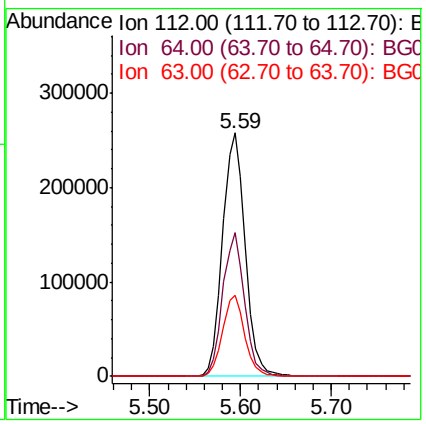


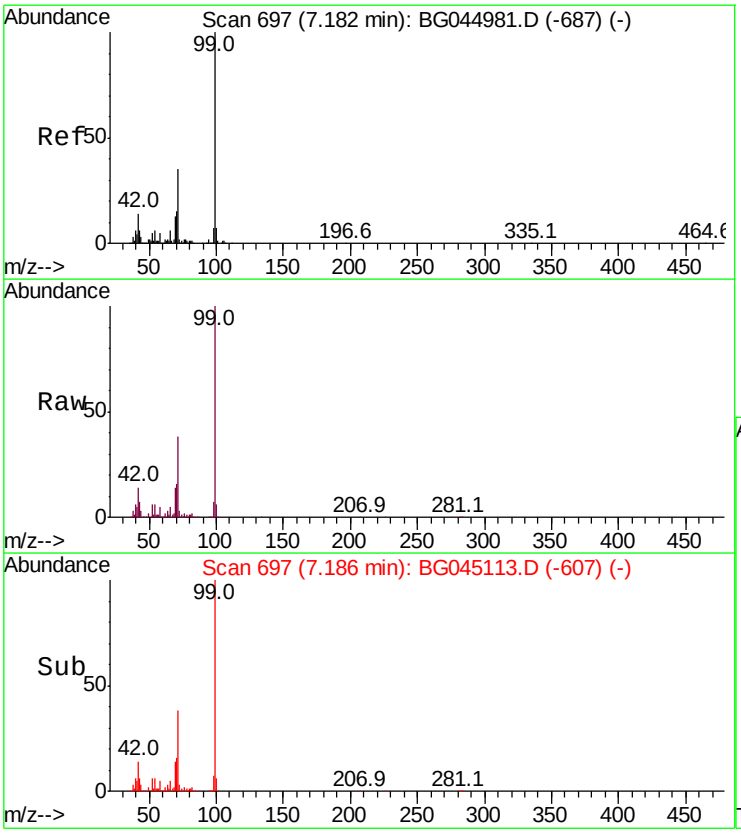
#5
2-Fluorophenol
Concen: 117.391 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tgt Ion:112 Resp: 445596

Ion	Ratio	Lower	Upper
112	100		
64	59.1	42.4	63.6
63	33.5	23.1	34.7

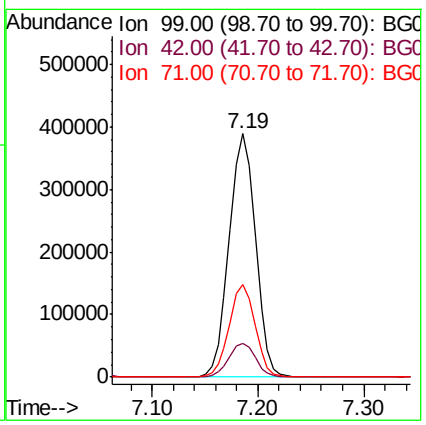


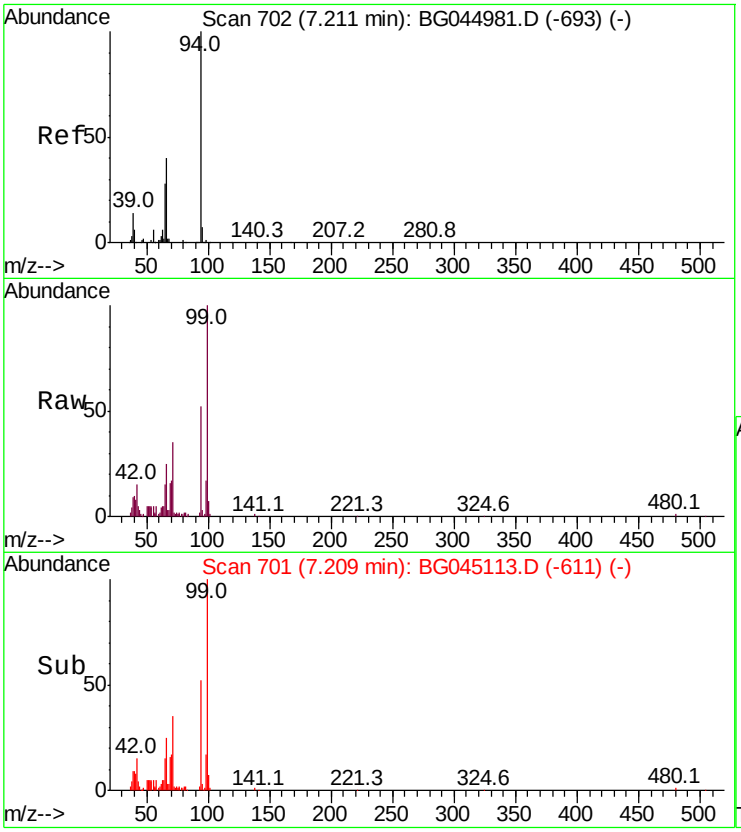


#7
Phenol-d6
Concen: 119.001 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.00 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Tgt Ion: 99 Resp: 671121

Ion	Ratio	Lower	Upper
99	100		
42	13.8	11.3	16.9
71	37.9	28.3	42.5



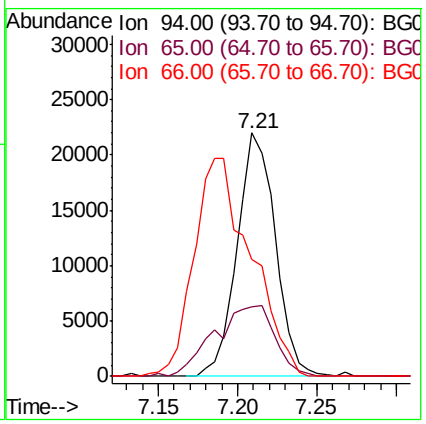


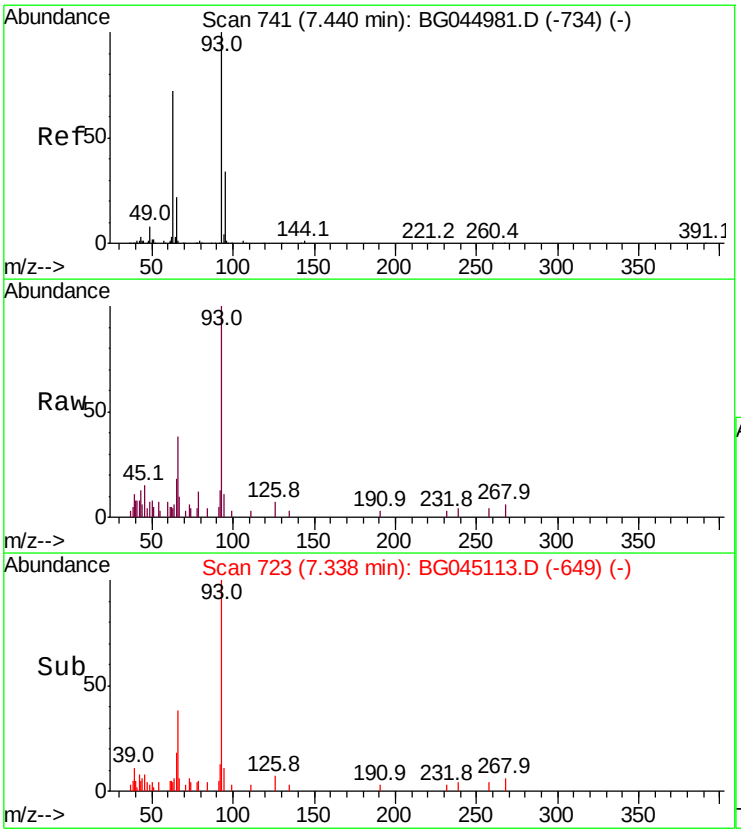
#10
Phenol
Concen: 6.525 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tgt Ion: 94 Resp: 36826

Ion	Ratio	Lower	Upper
94	100		
65	28.8	8.2	48.2
66	47.9	20.4	60.4

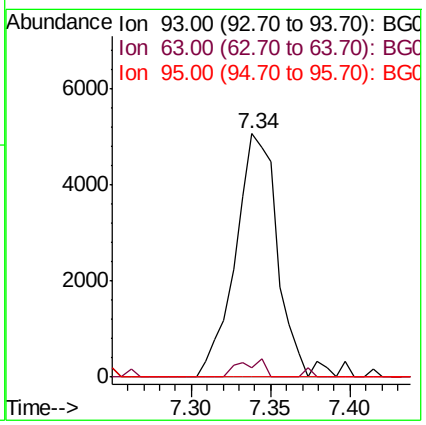


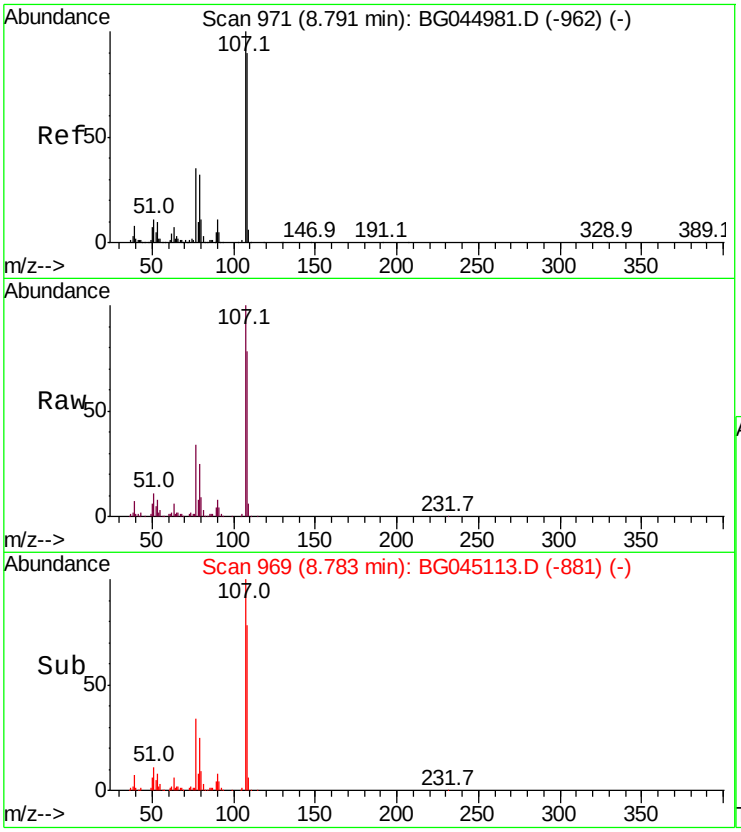


#11
bis(2-Chloroethyl)ether
Concen: 2.090 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.10 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Tgt Ion: 93 Resp: 9392

Ion	Ratio	Lower	Upper
93	100		
63	4.0	51.8	91.8#
95	0.0	13.8	53.8#



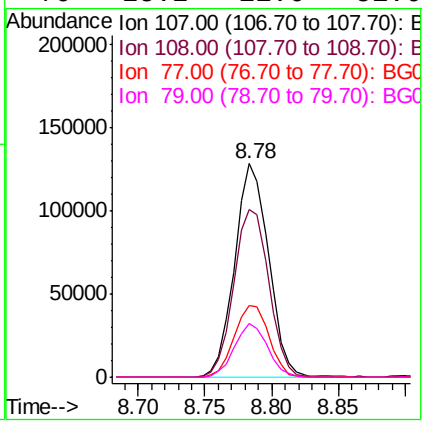


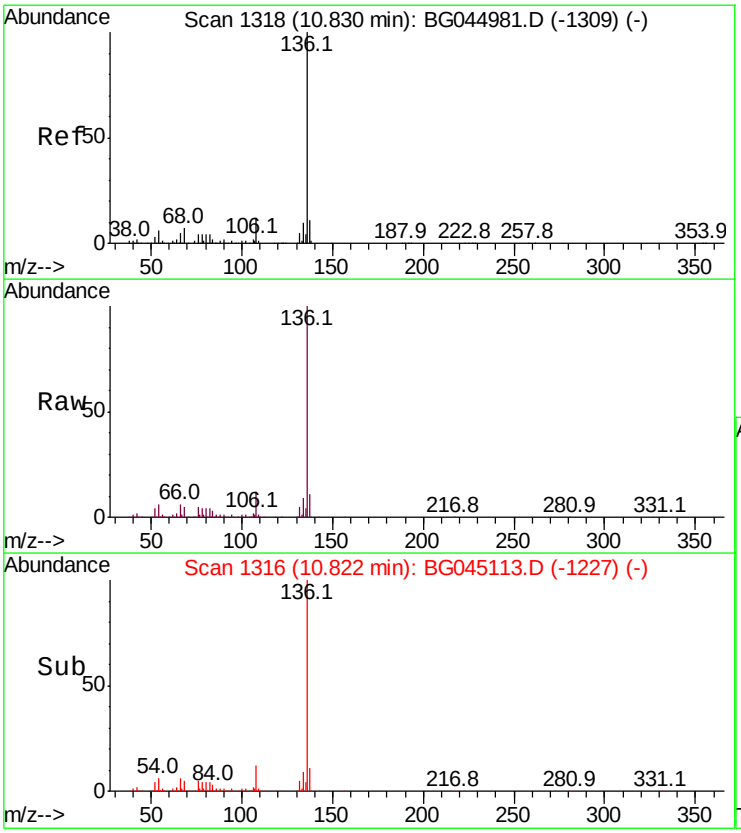
#20
3+4-Methylphenols
Concen: 36.980 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tgt Ion:107 Resp: 225378

Ion	Ratio	Lower	Upper
107	100		
108	78.3	69.9	109.9
77	33.8	15.2	55.2
79	25.2	11.6	51.6

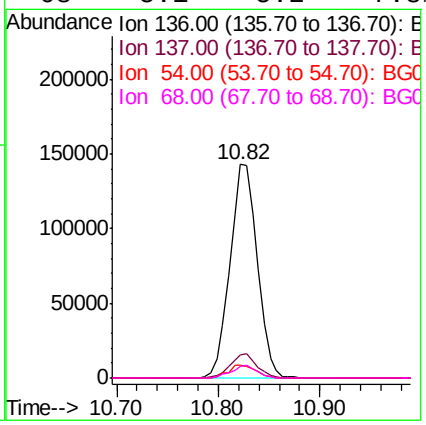


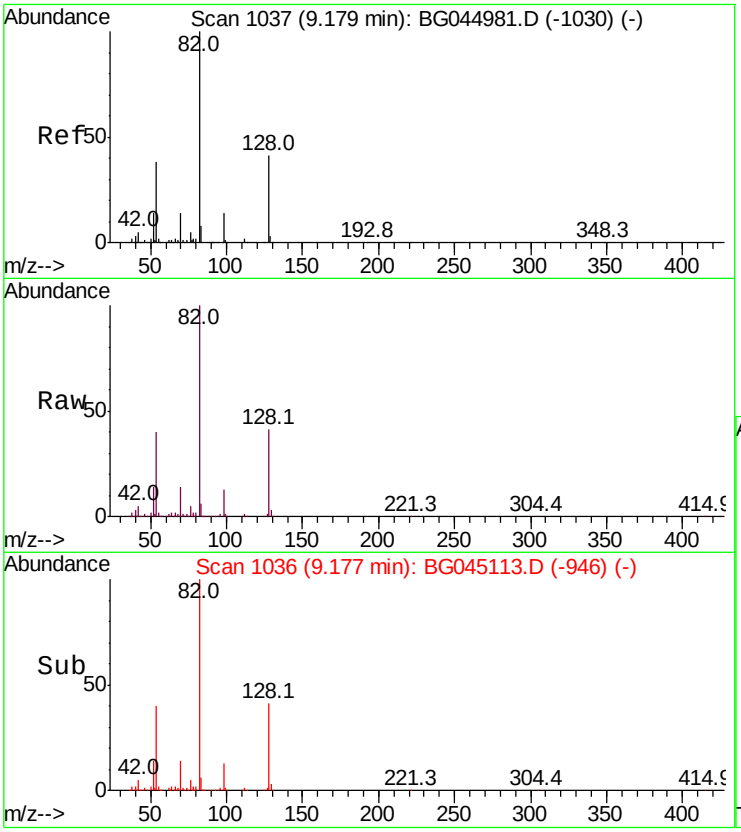


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Tgt Ion:136 Resp: 267339

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.9	4.8	7.2
68	5.1	5.2	7.8#



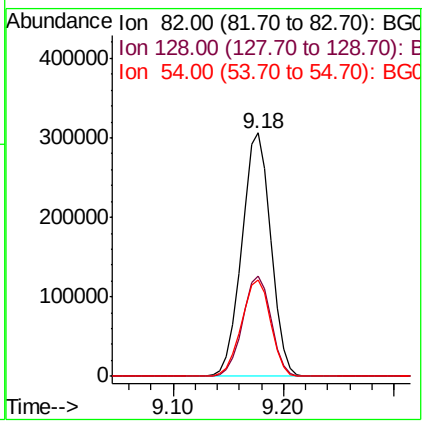


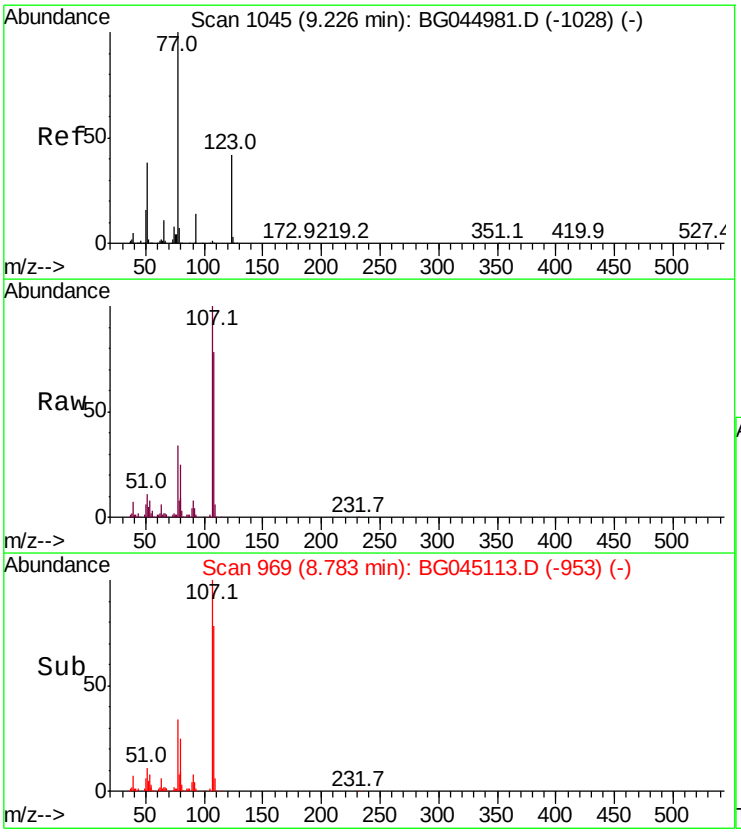
#23
Nitrobenzene-d5
Concen: 96.893 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tgt Ion: 82 Resp: 567696

Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.0	49.4
54	39.5	30.4	45.6

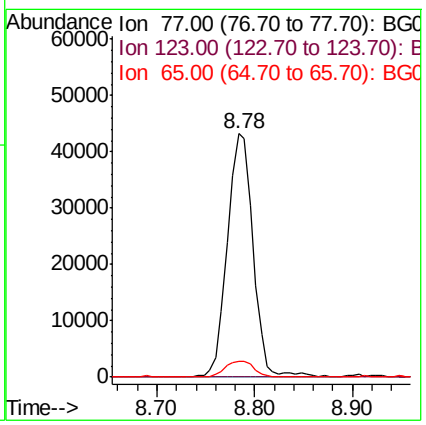


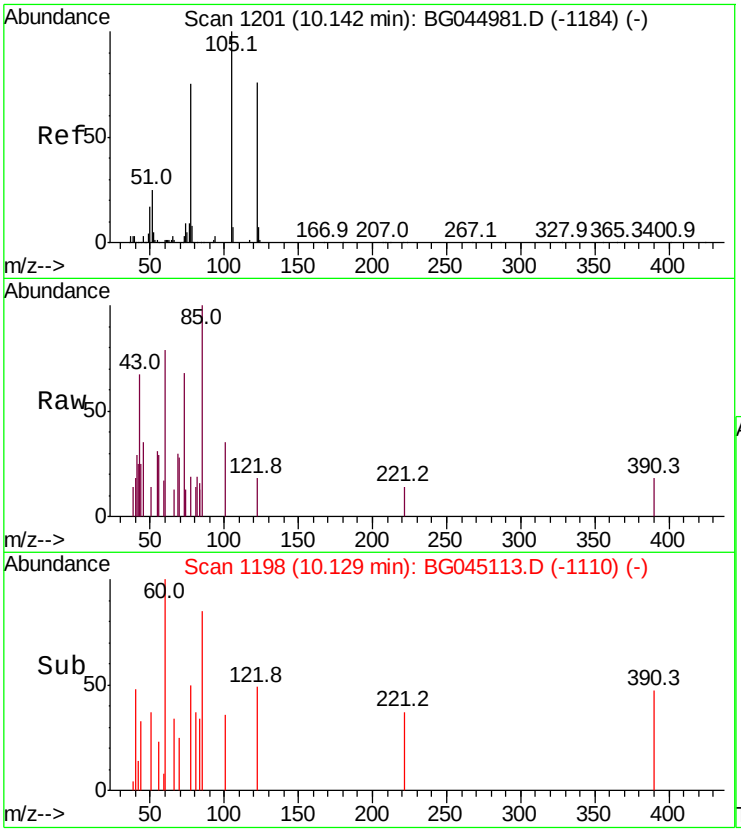


#24
Nitrobenzene
Concen: 13.153 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.44 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Tgt Ion: 77 Resp: 78992

Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.3	51.5#
65	6.5	8.9	13.3#



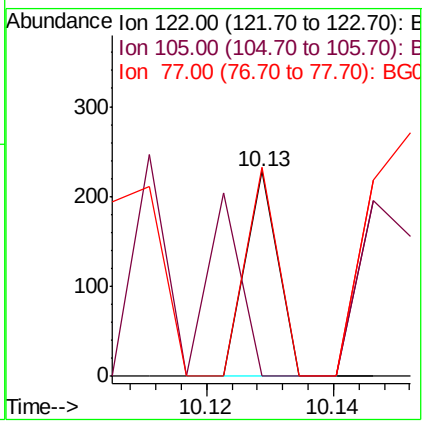


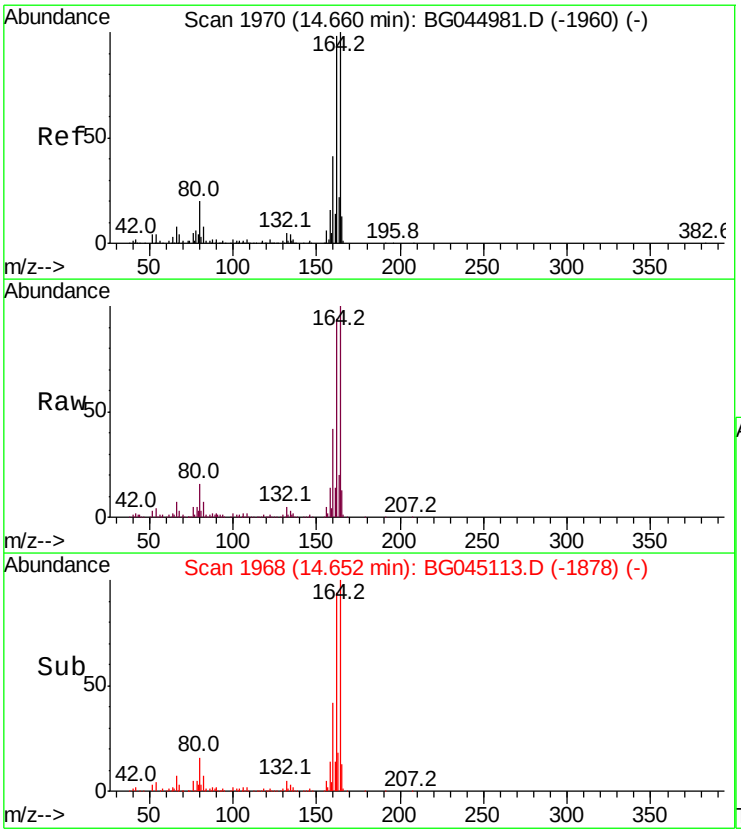
#32
Benzoic acid
Concen: 6.395 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tgt Ion:122 Resp: 80

Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.4	148.4#
77	102.2	78.8	118.8

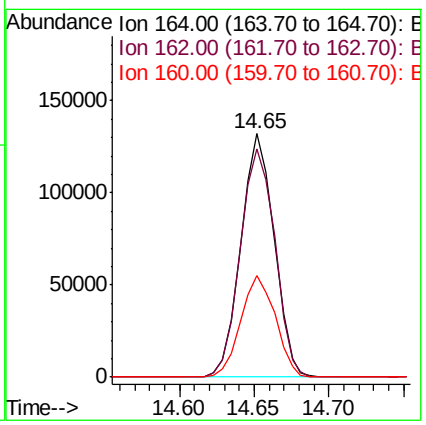


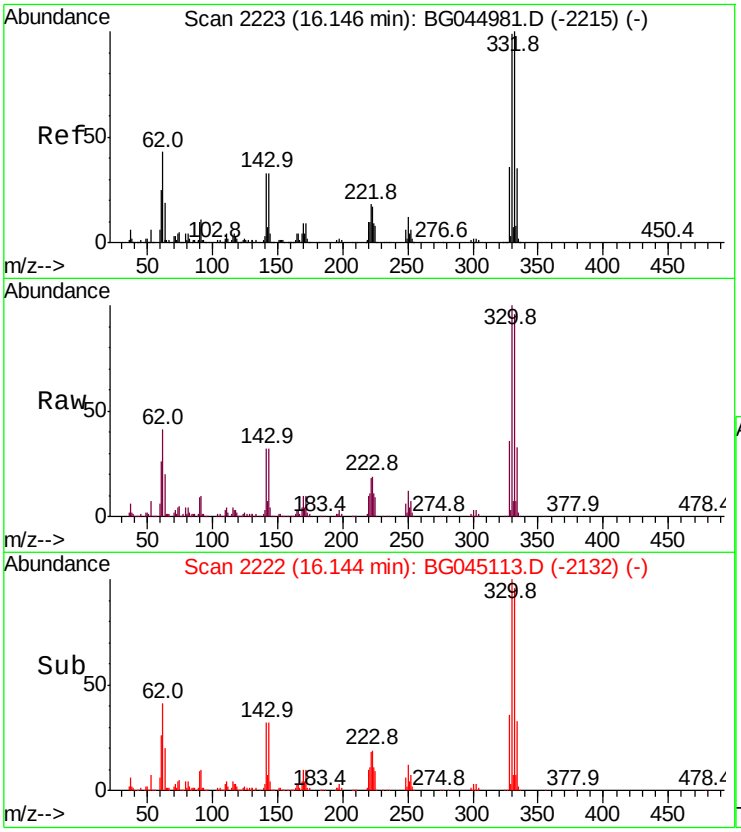


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Tgt Ion:164 Resp: 203374

Ion	Ratio	Lower	Upper
164	100		
162	93.6	78.7	118.1
160	41.7	32.8	49.2



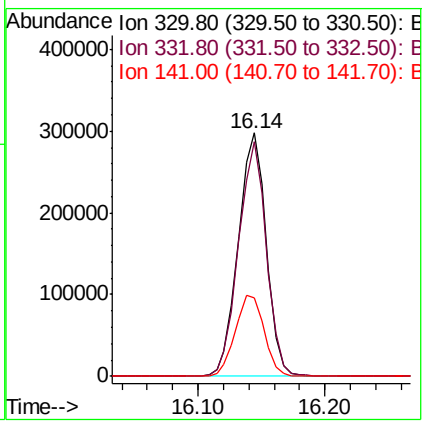


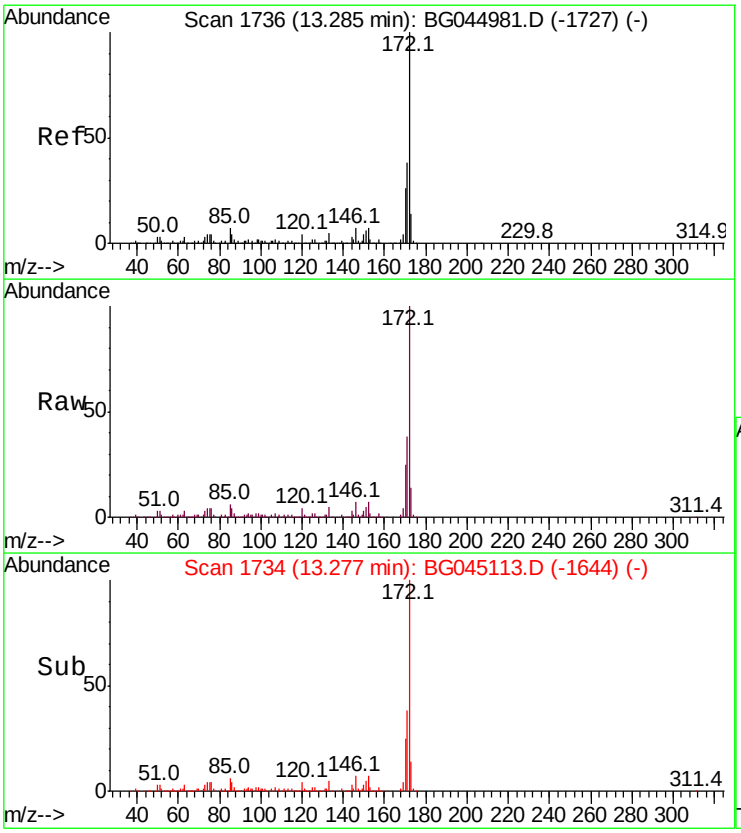
#42
2,4,6-Tribromophenol
Concen: 145.007 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tgt Ion:330 Resp: 455591

Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.1	118.7
141	34.3	27.1	40.7

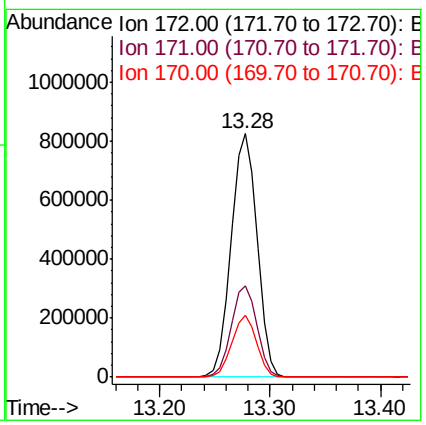


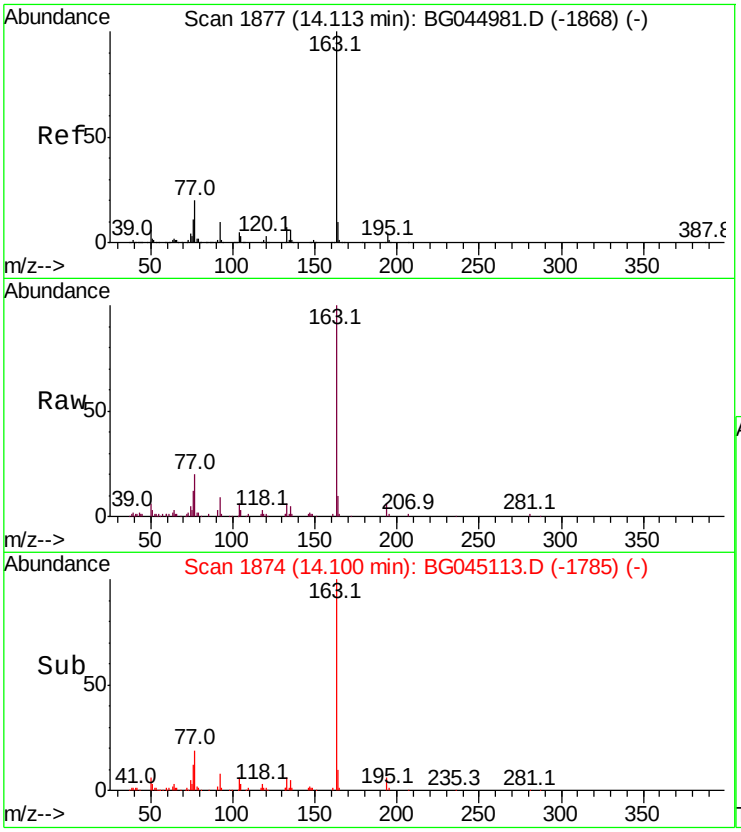


#45
2-Fluorobiphenyl
Concen: 98.352 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Tgt Ion:172 Resp: 1364112

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.6	46.0
170	25.3	20.5	30.7



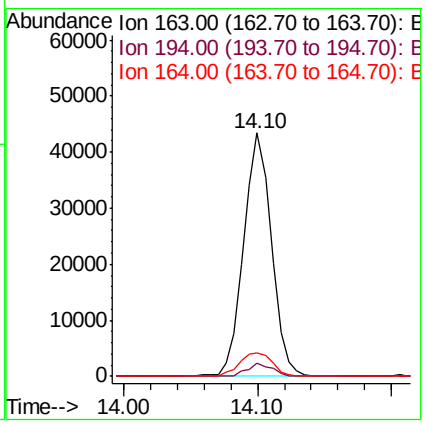


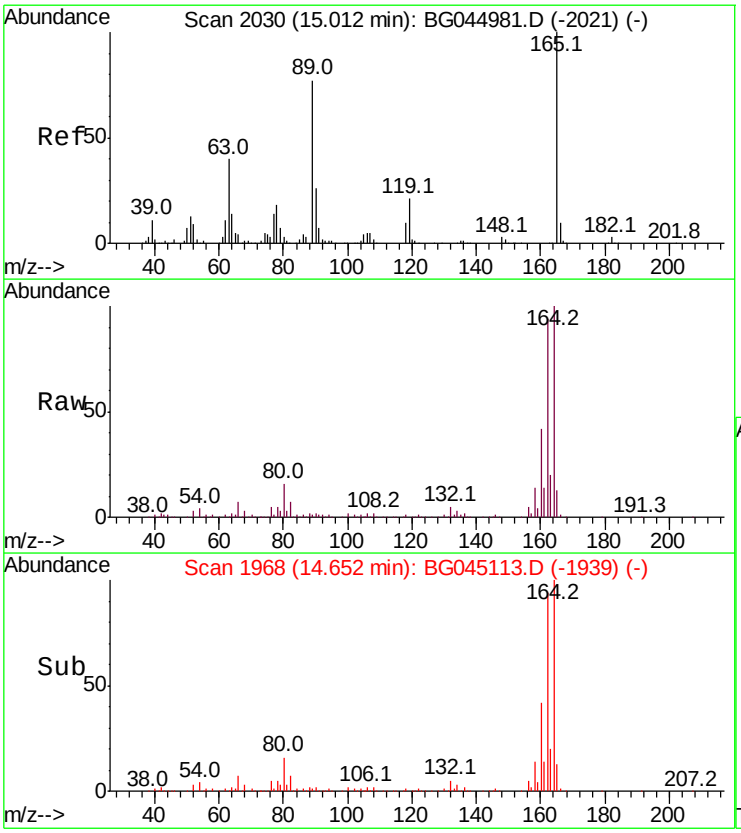
#50
Dimethylphthalate
Concen: 3.746 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tgt Ion:163 Resp: 62027

Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.5	5.3#
164	9.8	8.2	12.4

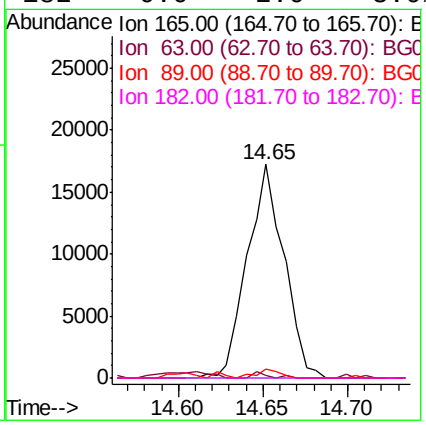


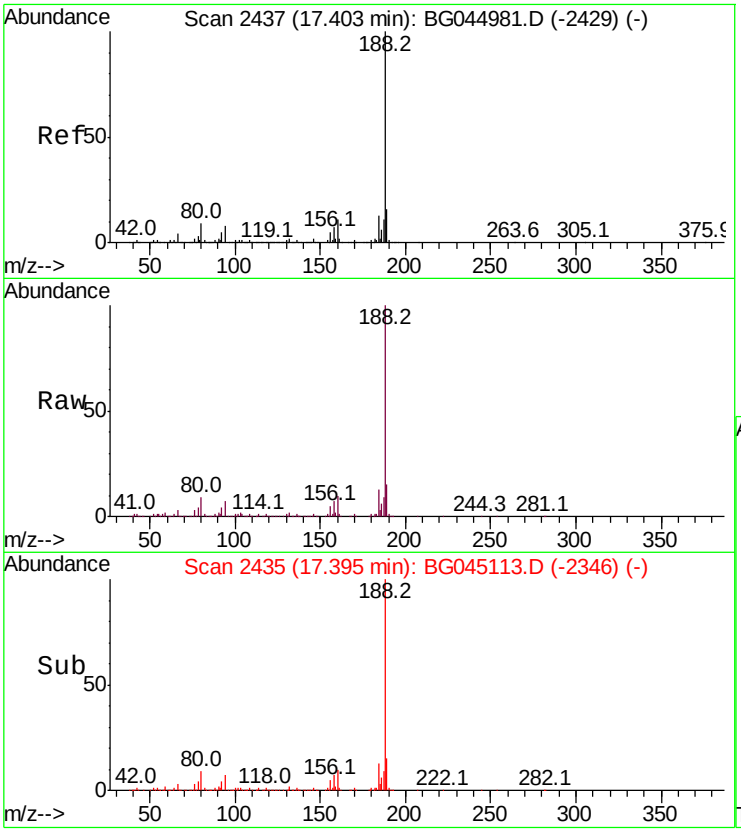


#57
2,4-Dinitrotoluene
Concen: 4.802 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.36 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Tgt Ion:165 Resp: 25990

Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.2	48.2#
89	4.0	61.7	92.5#
182	0.0	2.0	3.0#



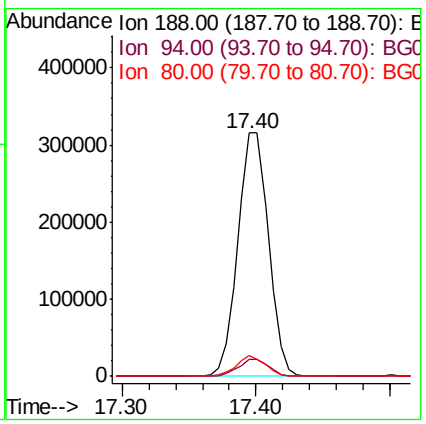


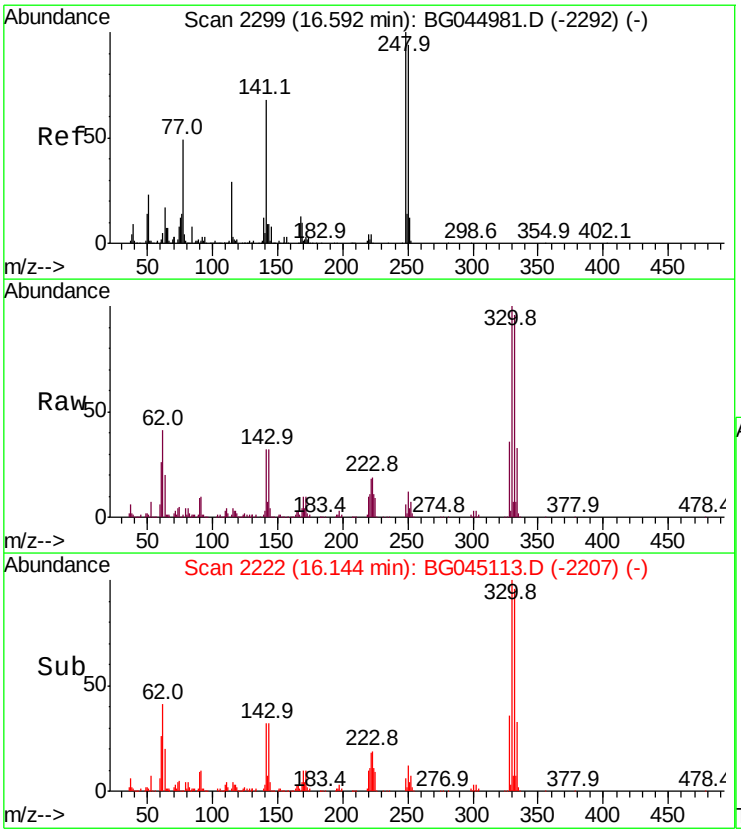
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tgt Ion:188 Resp: 499294

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.2	9.4
80	8.7	7.0	10.6

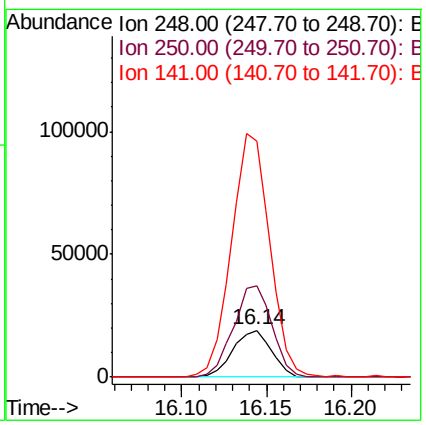


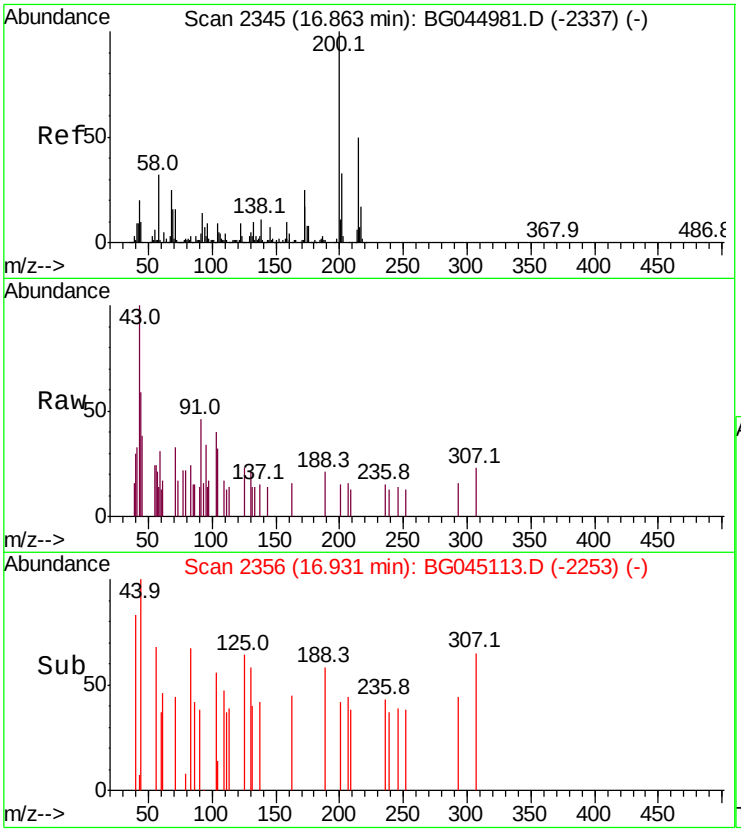


#67
4-Bromophenyl-phenylether
Concen: 4.703 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.44 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Tgt Ion:248 Resp: 30293

Ion	Ratio	Lower	Upper
248	100		
250	194.3	75.4	113.2#
141	504.5	54.4	81.6#



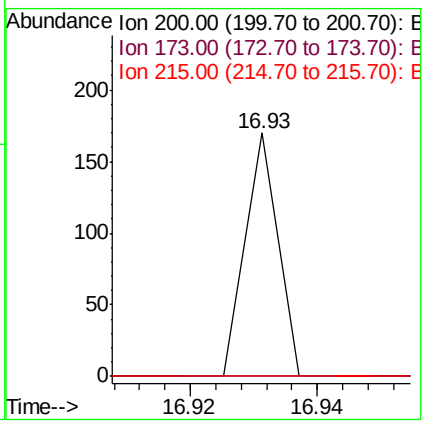


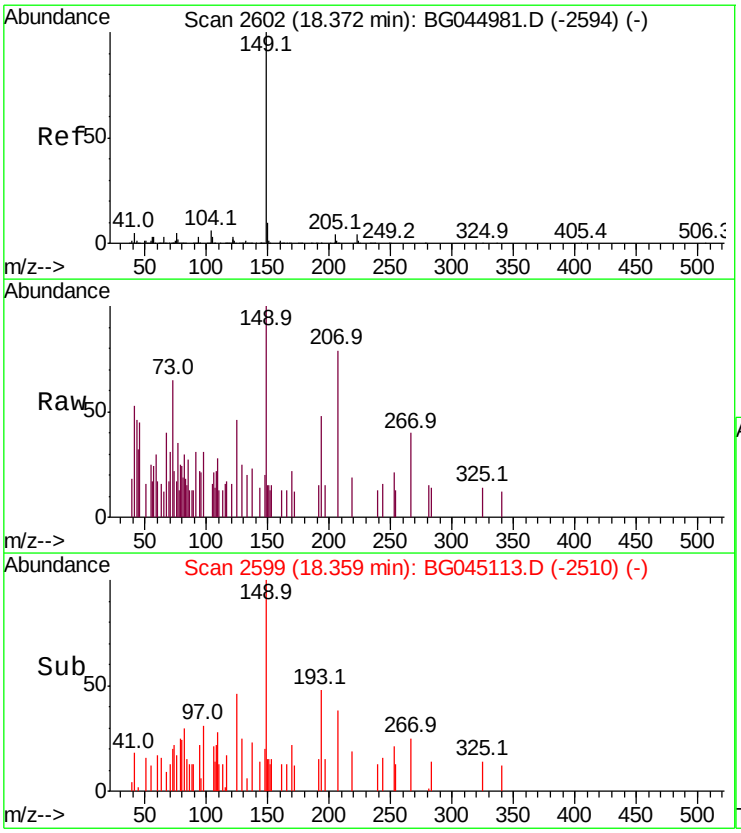
#69
Atrazine
Concen: Below Cal
RT: 16.93 min Scan# 2356
Delta R.T. 0.07 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tgt Ion:200 Resp: 60

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

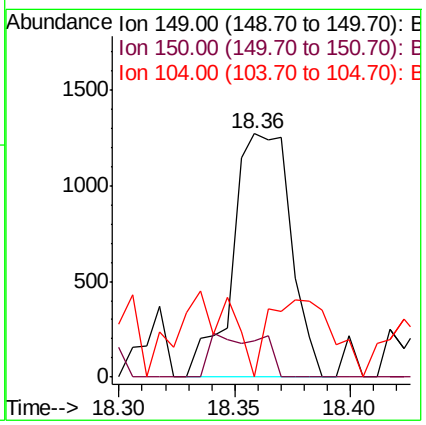


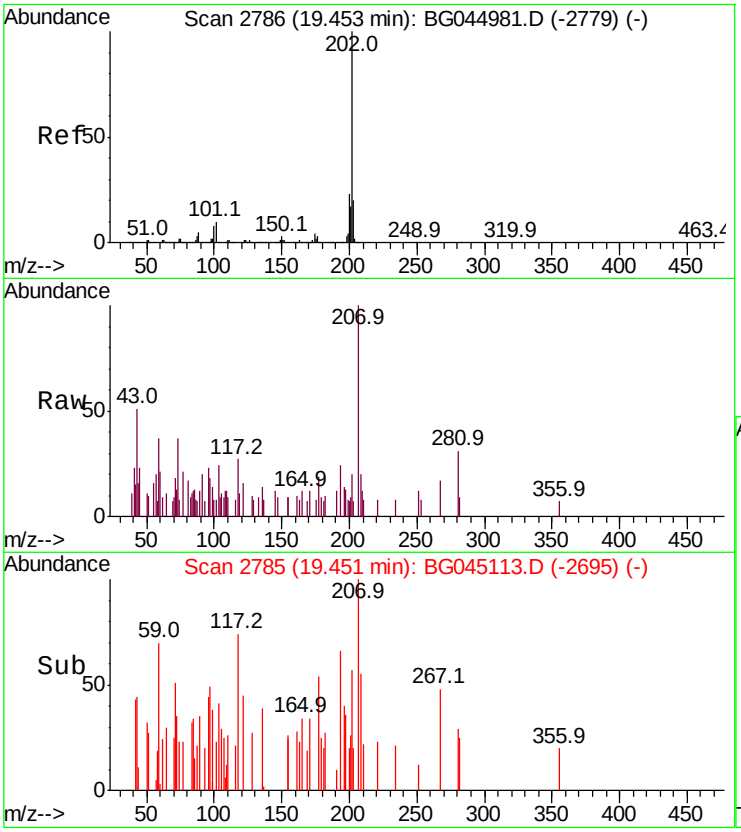


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.36 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Tgt Ion:149 Resp: 2227

Ion	Ratio	Lower	Upper
149	100		
150	14.9	8.2	12.2#
104	0.0	4.8	7.2#



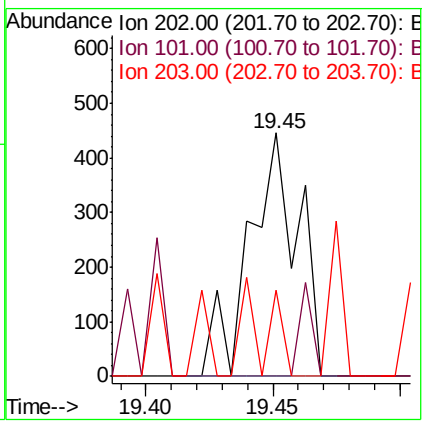


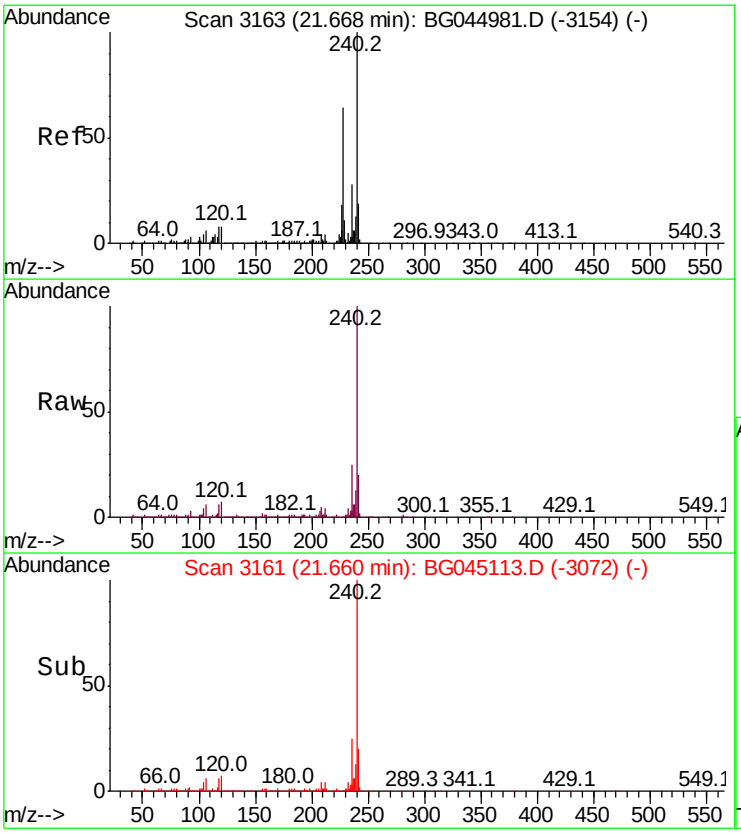
#75
Fluoranthene
Concen: Below Cal
RT: 19.45 min Scan# 2785
Delta R.T. -0.00 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tgt Ion:202 Resp: 603

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	29.6
203	35.7	0.0	39.7

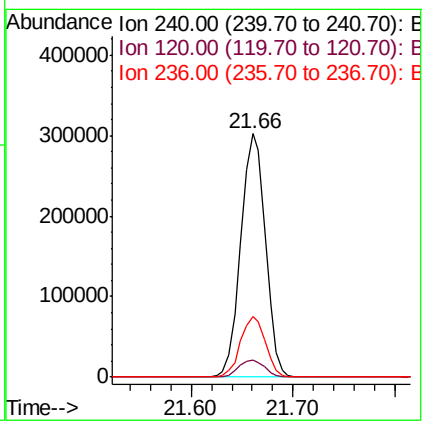


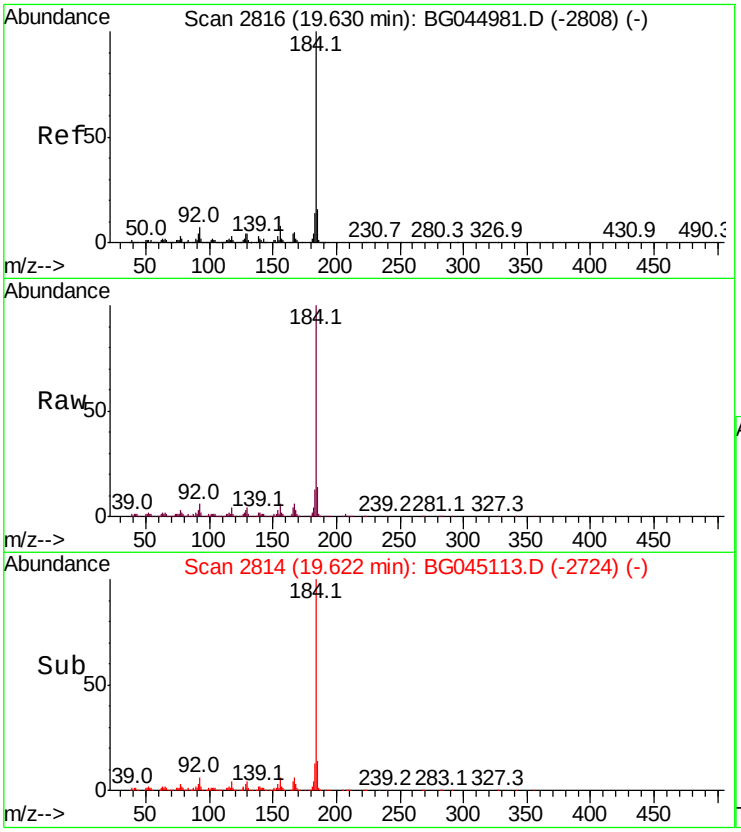


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Tgt Ion:240 Resp: 508334

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.6	10.0
236	25.1	22.2	33.2



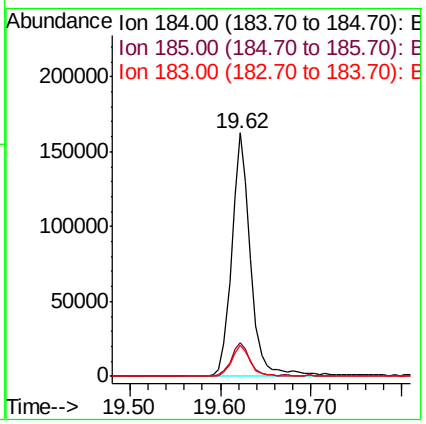


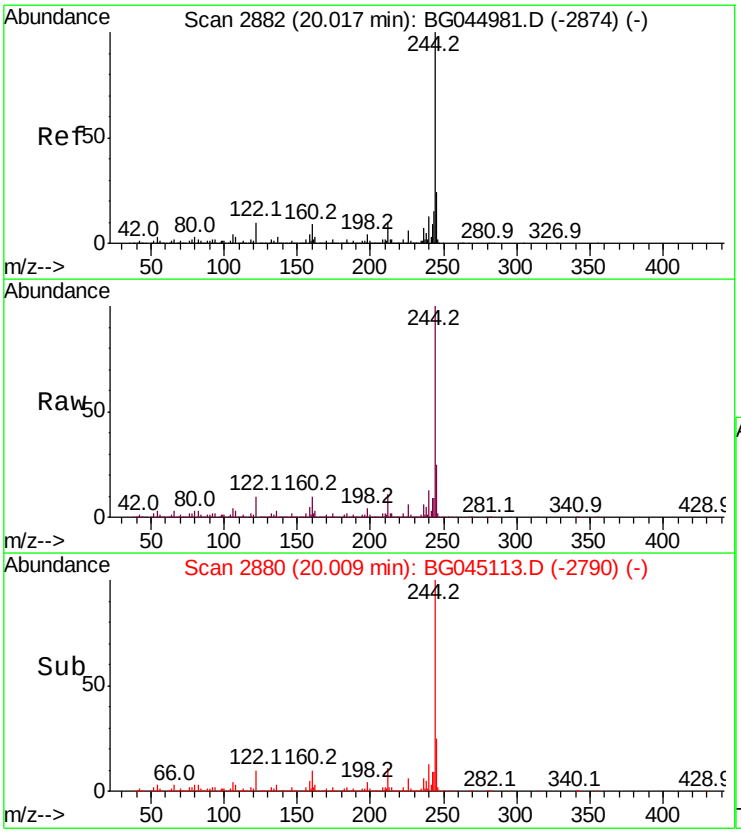
#77
Benzidine
Concen: 11.533 ng
RT: 19.62 min Scan# 2814
Delta R.T. -0.00 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tgt Ion:184 Resp: 235016

Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.6	19.0
183	12.9	11.3	16.9

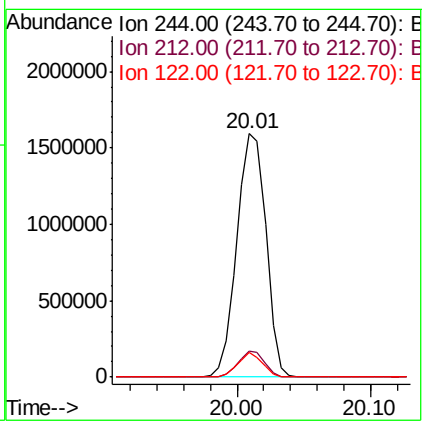


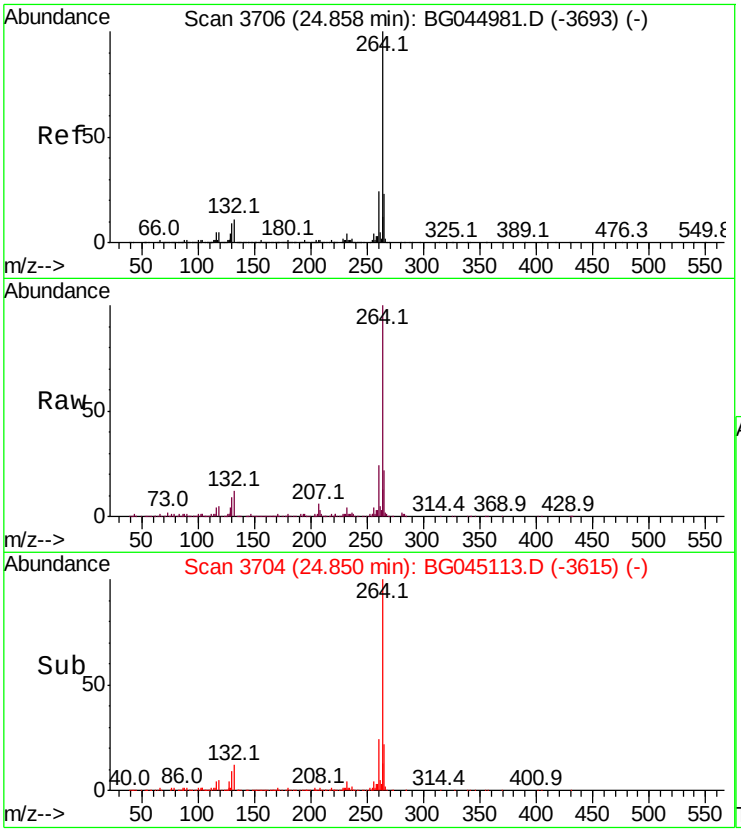


#79
Terphenyl-d14
Concen: 102.481 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Tgt Ion:244 Resp: 2390134

Ion	Ratio	Lower	Upper
244	100		
212	10.6	7.9	11.9
122	10.0	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tgt Ion:264 Resp: 553765

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	19.0	28.4