Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051120\
Data File : BG045313.D
Acq On : 12 May 2020 3:23
Operator : CG/JU
Sample : L2554-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-1-7

Quant Time: May 12 04:03:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 13:27:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	65639	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	249888	20.00	ng	-0.01
39) Acenaphthene-d10	14.62	164	174217	20.00	ng	-0.01
64) Phenanthrene-d10	17.36	188	412502	20.00	ng	0.00
76) Chrysene-d12	21.63	240	447914	20.00	ng	-0.01
87) Perylene-d12	24.79	264	494798	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	490881	123.47	ng	0.00
7) Phenol-d6	7.14	99	646772	109.49	ng	-0.01
23) Nitrobenzene-d5	9.13	82	528036	96.42	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	399102	148.29	ng	-0.01
45) 2-Fluorobiphenyl	13.24	172	1170589	98.52	ng	0.00
79) Terphenyl-d14	19.98	244	2059366	100.21	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.14	77	1568	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.13	70	72852	17.439	ng	# 76
32) Benzoic acid	10.09	122	80	6.396	ng	# 1
50) Dimethylphthalate	14.06	163	109682	7.732	ng	99
57) 2,4-Dinitrotoluene	14.62	165	22456	4.843	ng	# 23
67) 4-Bromophenyl-phenylether	16.11	248	26506	4.981	ng	# 1
69) Atrazine	16.84	200	140	Below Cal	#	4
74) Di-n-butylphthalate	18.33	149	1713	Below Cal	#	48
75) Fluoranthene	19.43	202	441	Below Cal		62
77) Benzidine	19.98	184	41551	Below Cal	#	94

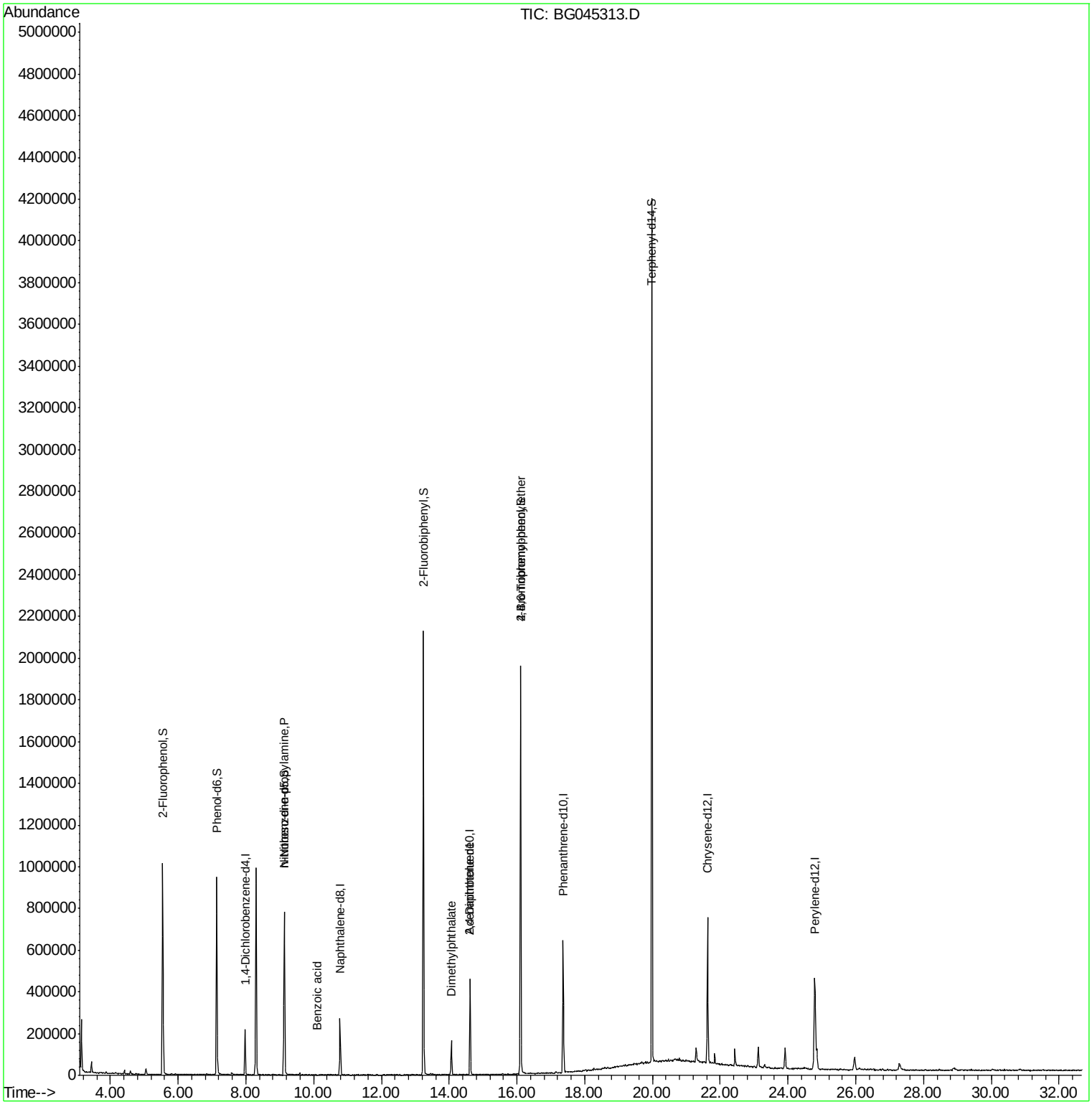
(#) = qualifier out of range (m) = manual integration (+) = signals summed

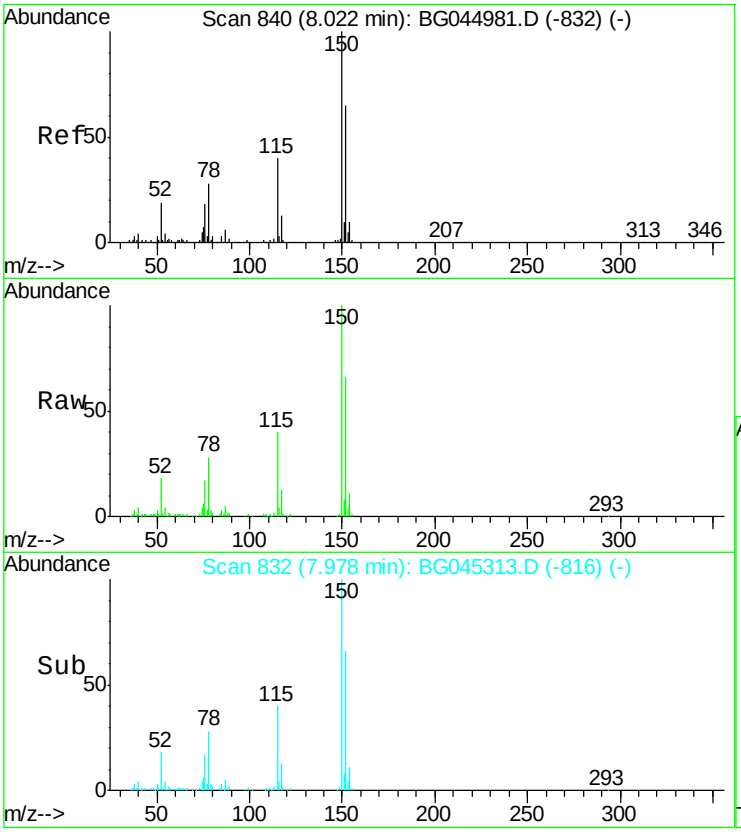
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051120\
Data File : BG045313.D
Acq On : 12 May 2020 3:23
Operator : CG/JU
Sample : L2554-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-1-7

Quant Time: May 12 04:03:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 13:27:41 2020
Response via : Initial Calibration



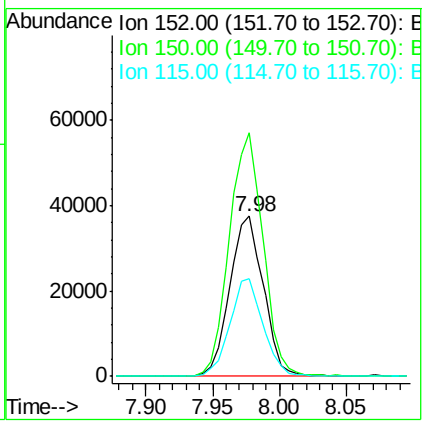


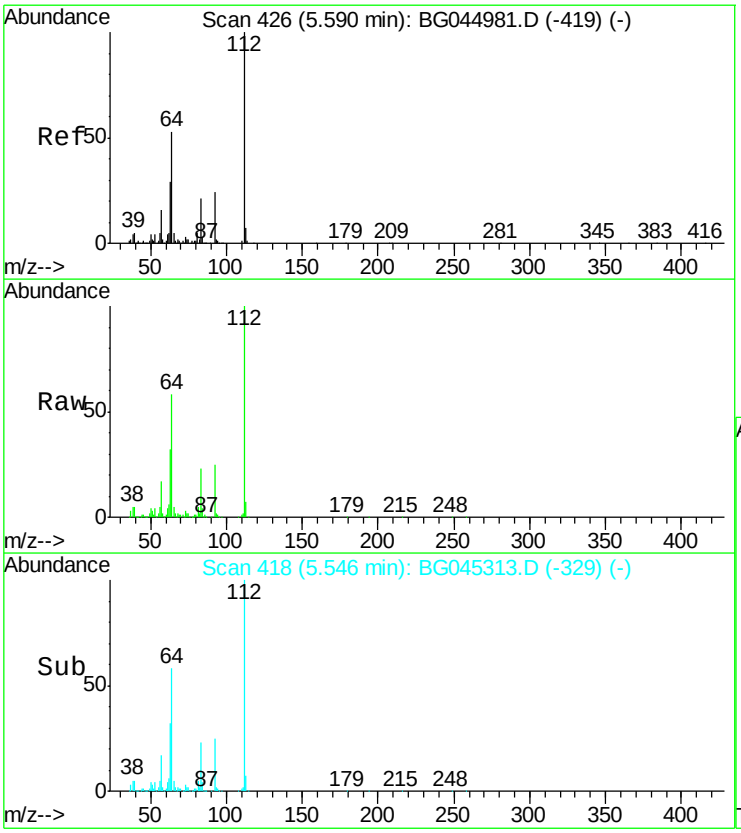
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BG045313.D
Acq: 12 May 2020 3:23

Instrument :
BNA_G
ClientSampleId :
DRUM-1-7

Tgt Ion:152 Resp: 65639

Ion	Ratio	Lower	Upper
152	100		
150	151.8	123.6	185.4
115	60.8	49.1	73.7

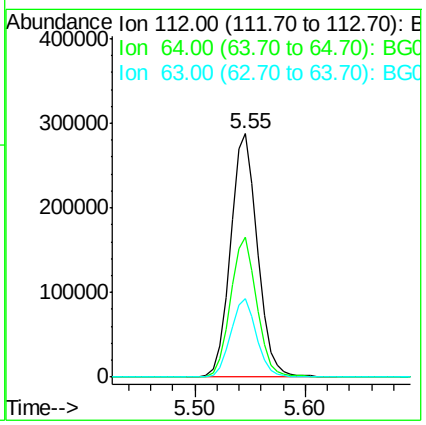


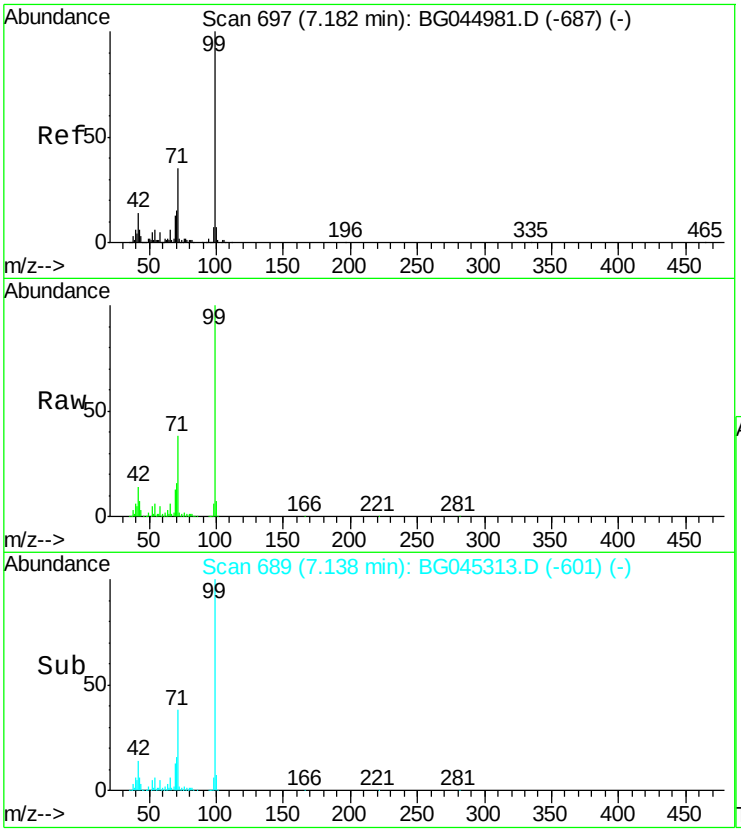


#5
2-Fluorophenol
Concen: 123.466 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.00 min
Lab File: BG045313.D
Acq: 12 May 2020 3:23

Tgt Ion:112 Resp: 490881

Ion	Ratio	Lower	Upper
112	100		
64	57.6	42.4	63.6
63	32.4	23.1	34.7



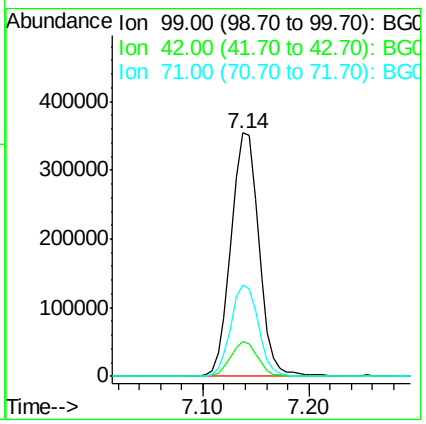


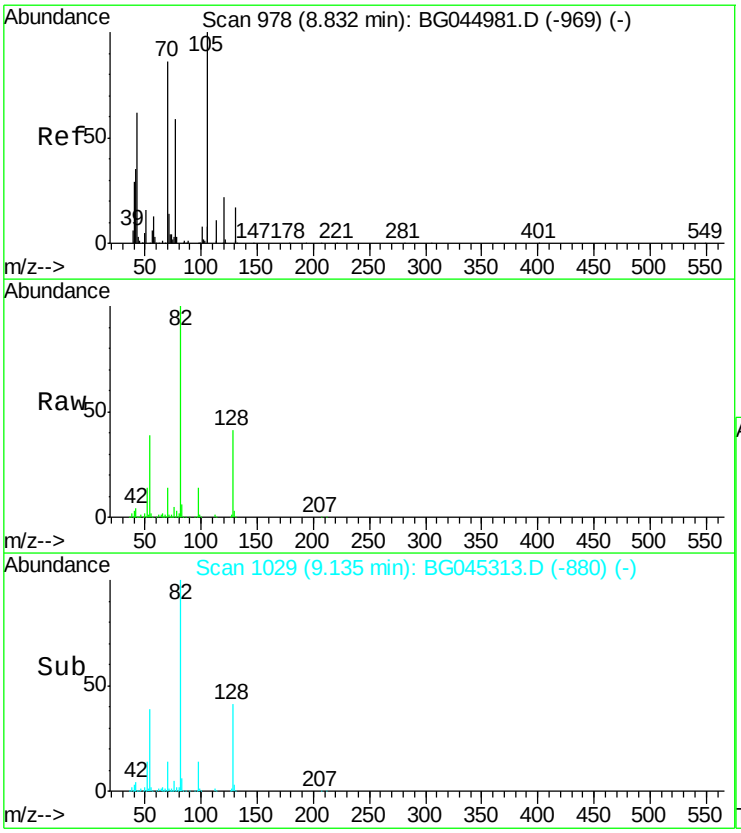
#7
Phenol-d6
Concen: 109.490 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.01 min
Lab File: BG045313.D
Acq: 12 May 2020 3:23

Instrument :
BNA_G
ClientSampleId :
DRUM-1-7

Tgt Ion: 99 Resp: 646772

Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.3	16.9
71	37.6	28.3	42.5

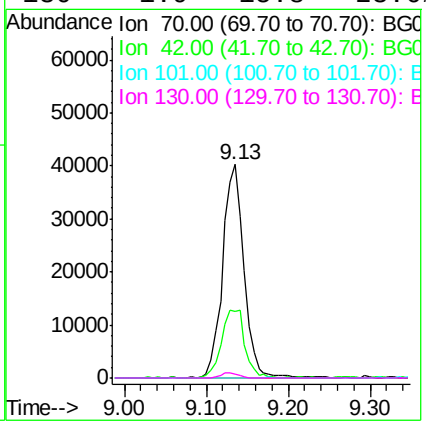


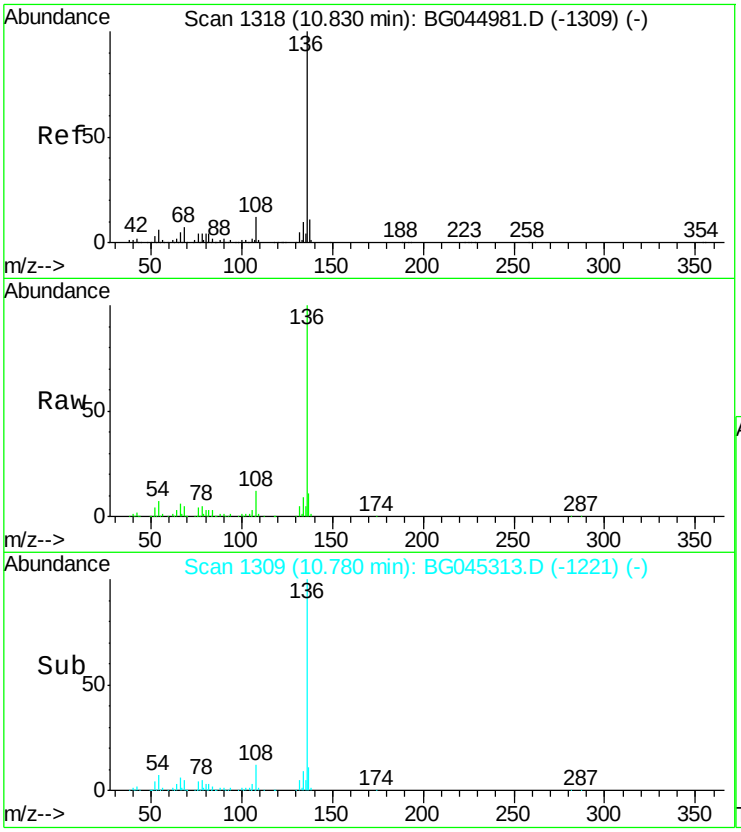


#19
n-Nitroso-di-n-propylamine
Concen: 17.439 ng
RT: 9.13 min Scan# 1029
Delta R.T. 0.35 min
Lab File: BG045313.D
Acq: 12 May 2020 3:23

Tgt Ion: 70 Resp: 72852

Ion	Ratio	Lower	Upper
70	100		
42	31.5	33.3	49.9#
101	0.0	7.8	11.8#
130	1.9	15.8	23.6#



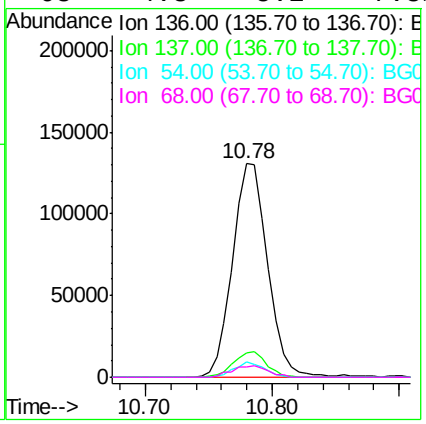


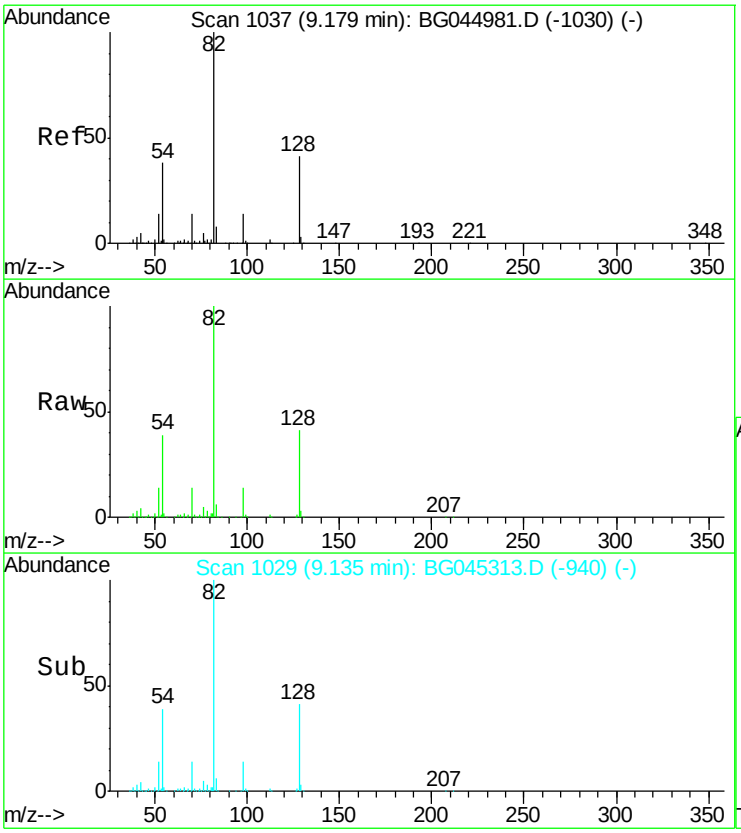
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG045313.D
Acq: 12 May 2020 3:23

Instrument :
BNA_G
ClientSampleId :
DRUM-1-7

Tgt Ion:136 Resp: 249888

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.2	4.8	7.2
68	4.8	5.2	7.8#

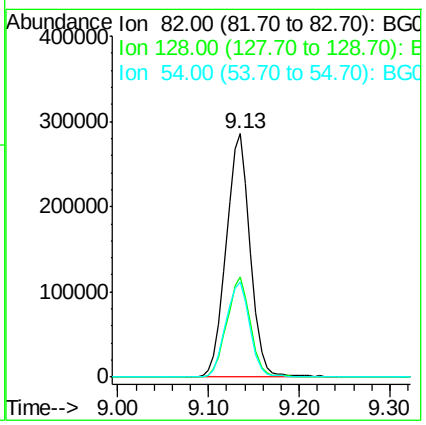


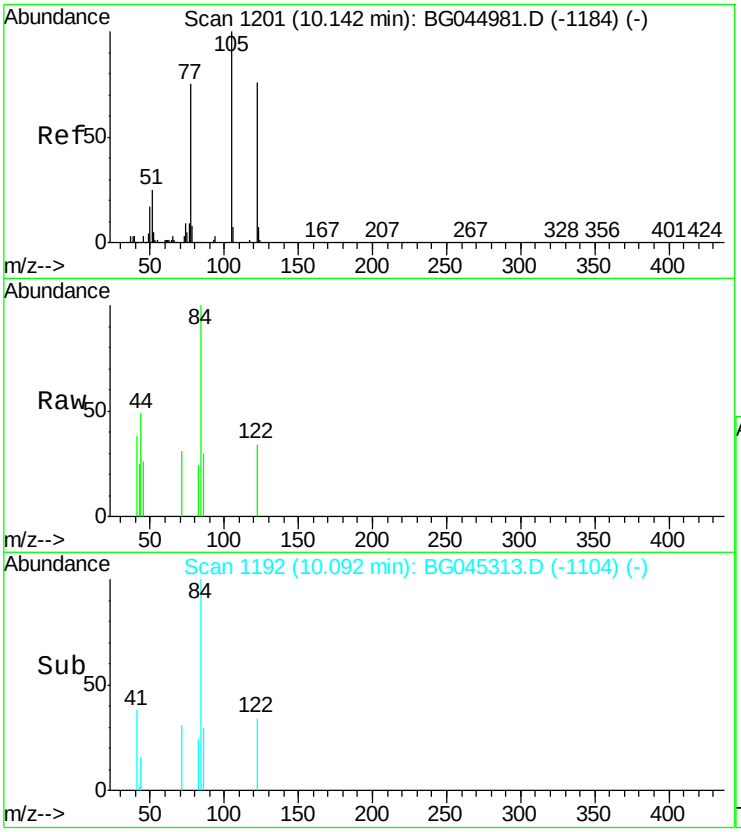


#23
Nitrobenzene-d5
Concen: 96.418 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG045313.D
Acq: 12 May 2020 3:23

Tgt Ion: 82 Resp: 528036

Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.0	49.4
54	38.9	30.4	45.6



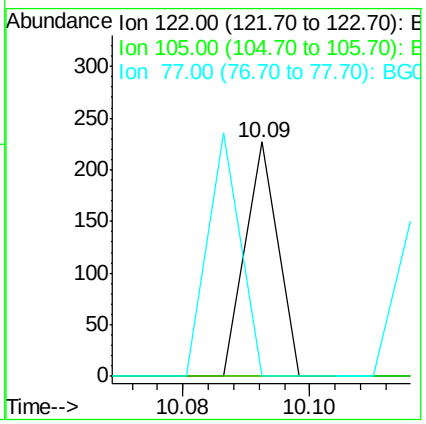


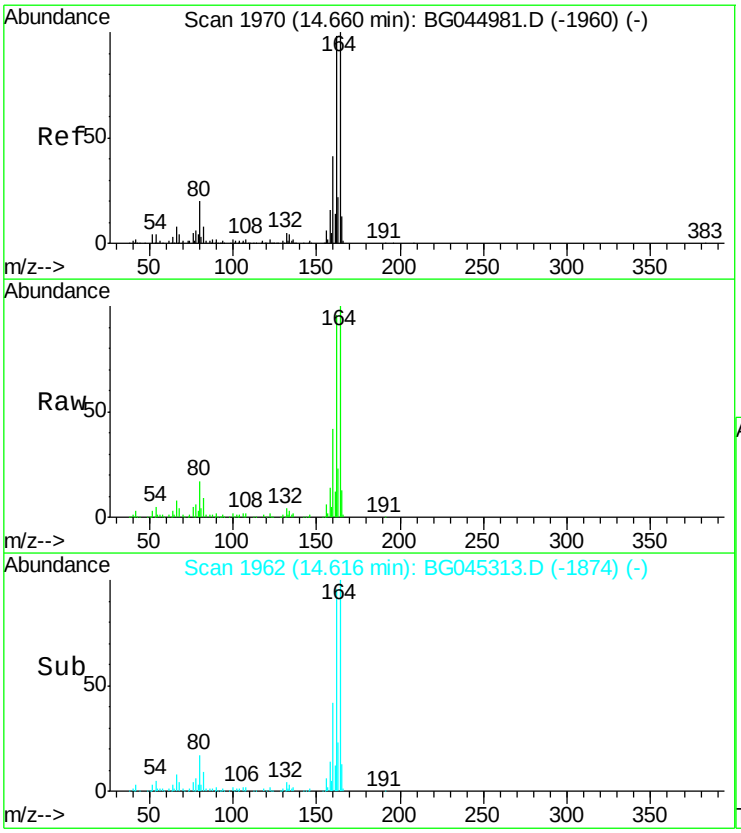
#32
Benzoic acid
Concen: 6.396 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG045313.D
Acq: 12 May 2020 3:23

Instrument :
BNA_G
ClientSampleId :
DRUM-1-7

Tgt Ion:122 Resp: 80

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

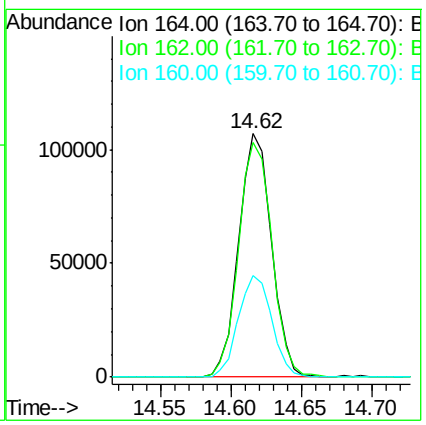


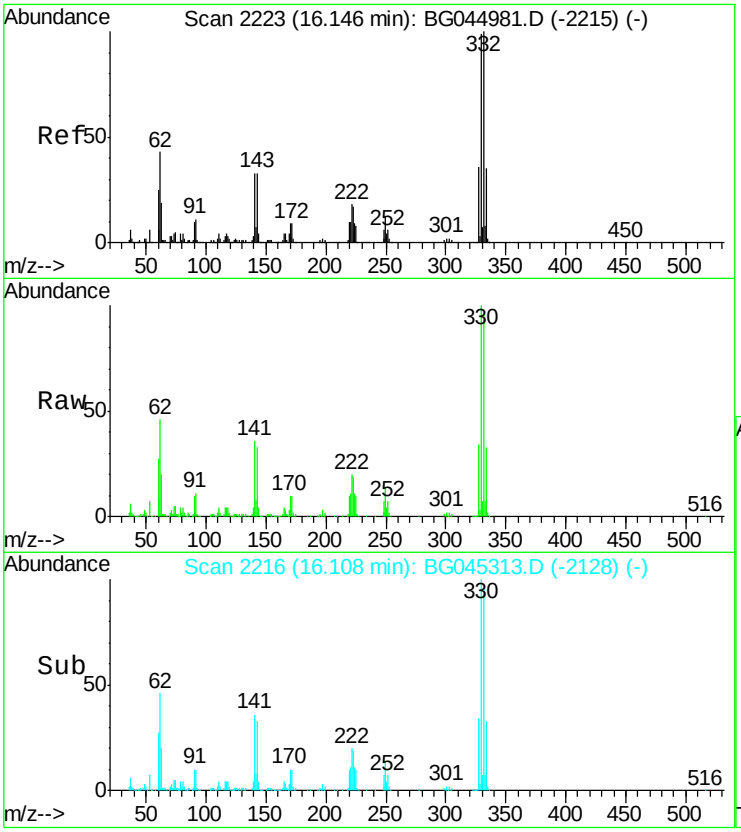


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG045313.D
Acq: 12 May 2020 3:23

Tgt Ion:164 Resp: 174217

Ion	Ratio	Lower	Upper
164	100		
162	96.2	78.7	118.1
160	41.9	32.8	49.2



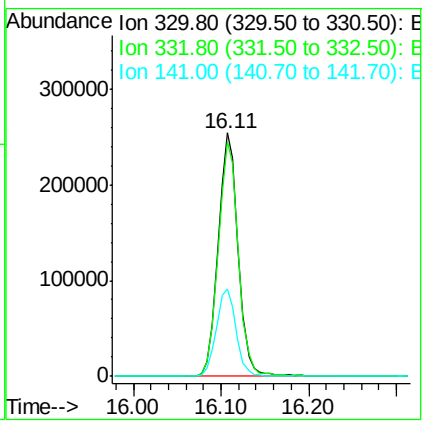


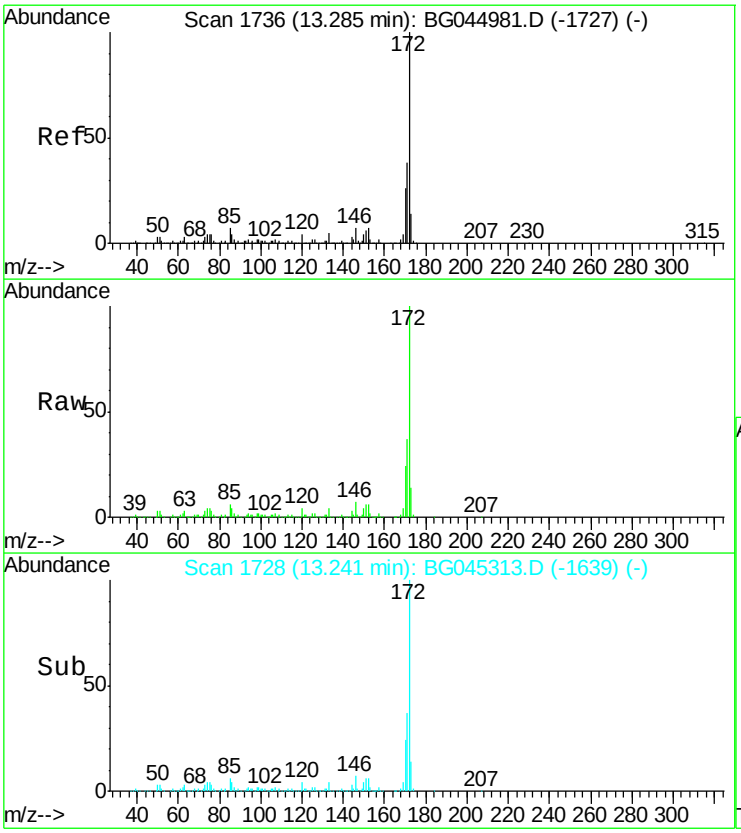
#42
2,4,6-Tribromophenol
Concen: 148.287 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG045313.D
Acq: 12 May 2020 3:23

Instrument :
BNA_G
ClientSampleId :
DRUM-1-7

Tgt Ion:330 Resp: 399102

Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.1	118.7
141	35.8	27.1	40.7

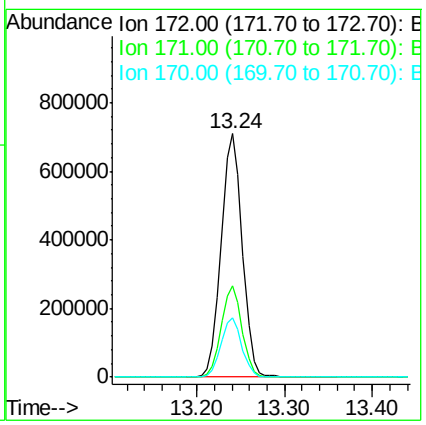


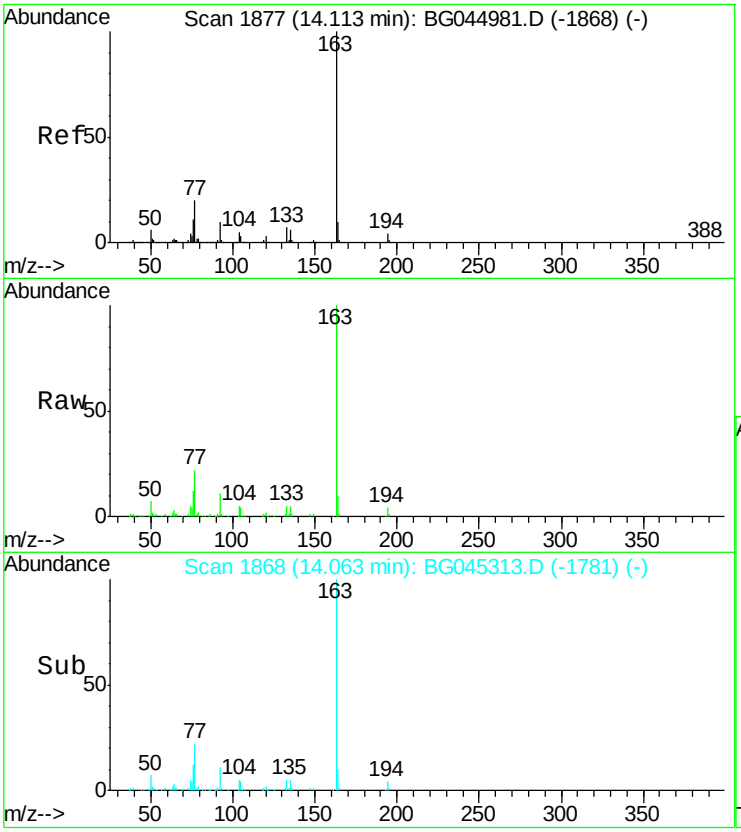


#45
2-Fluorobiphenyl
Concen: 98.524 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG045313.D
Acq: 12 May 2020 3:23

Tgt Ion:172 Resp: 1170589

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	46.0
170	24.1	20.5	30.7



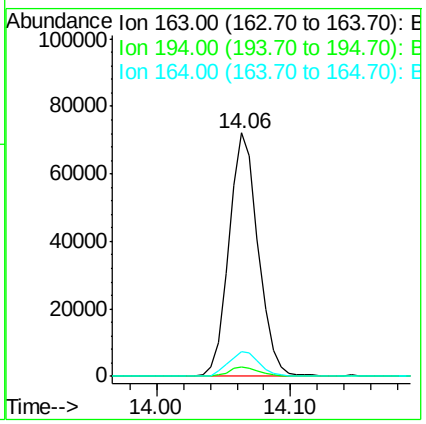


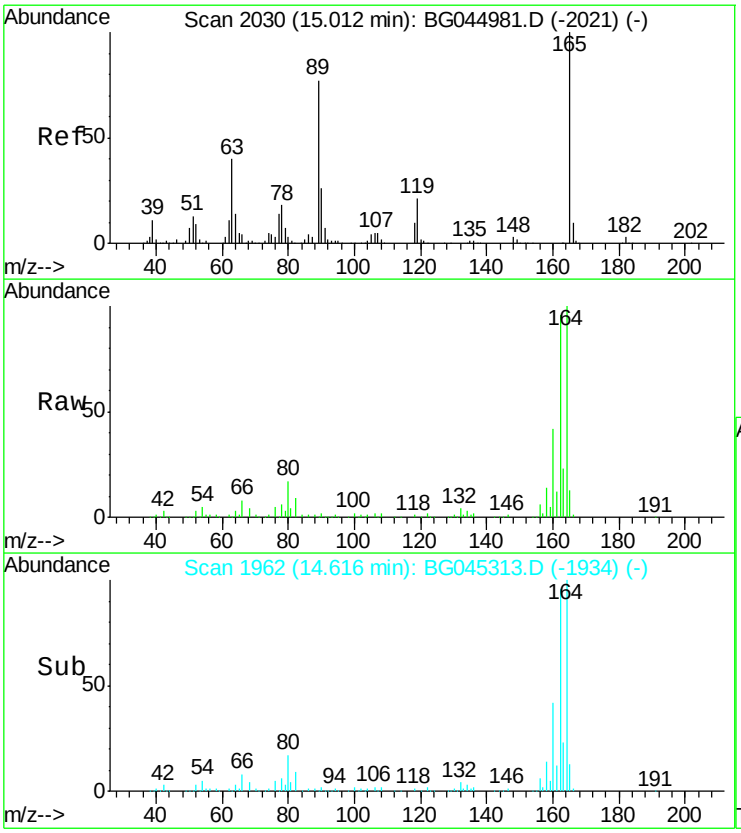
#50
Dimethylphthalate
Concen: 7.732 ng
RT: 14.06 min Scan# 1868
Delta R.T. -0.02 min
Lab File: BG045313.D
Acq: 12 May 2020 3:23

Instrument :
BNA_G
ClientSampleId :
DRUM-1-7

Tgt Ion:163 Resp: 109682

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.0	8.2	12.4

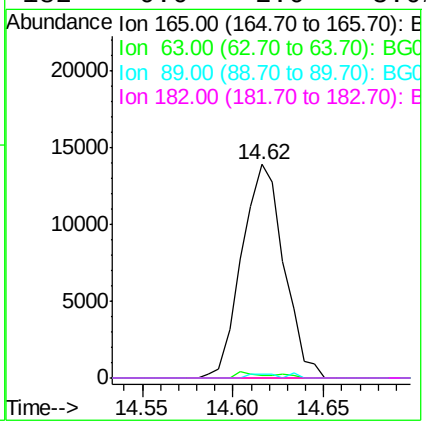


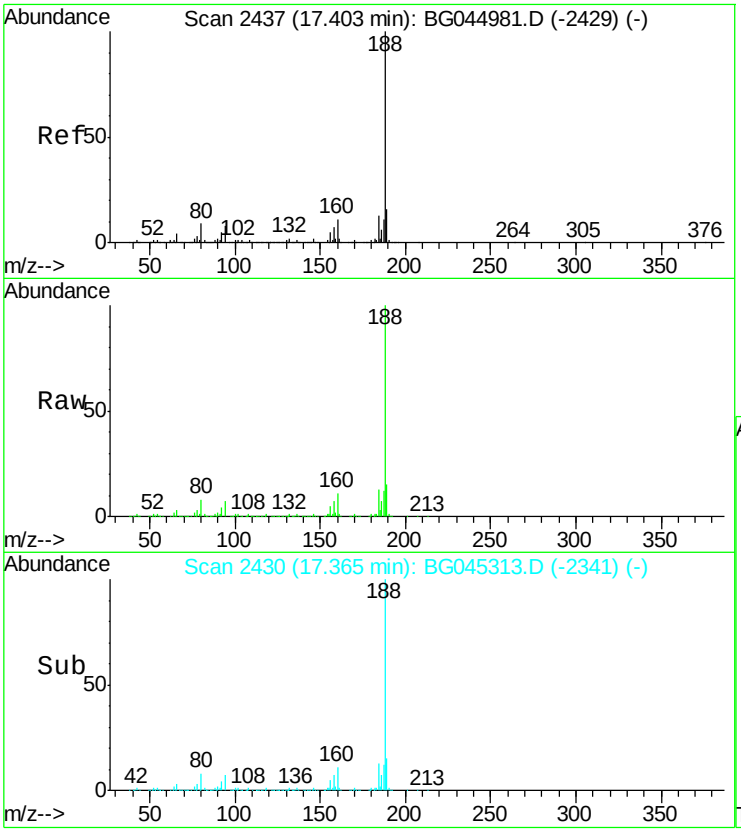


#57
2,4-Dinitrotoluene
Concen: 4.843 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.36 min
Lab File: BG045313.D
Acq: 12 May 2020 3:23

Tgt Ion:165 Resp: 22456

Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.2	48.2#
89	1.8	61.7	92.5#
182	0.0	2.0	3.0#



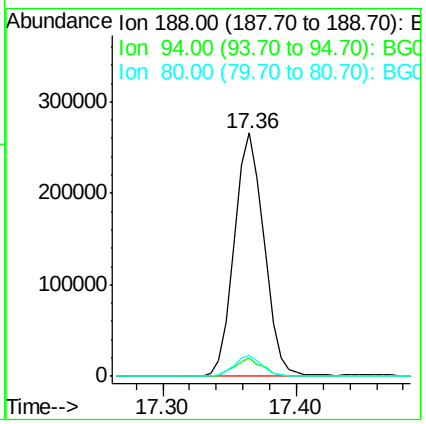


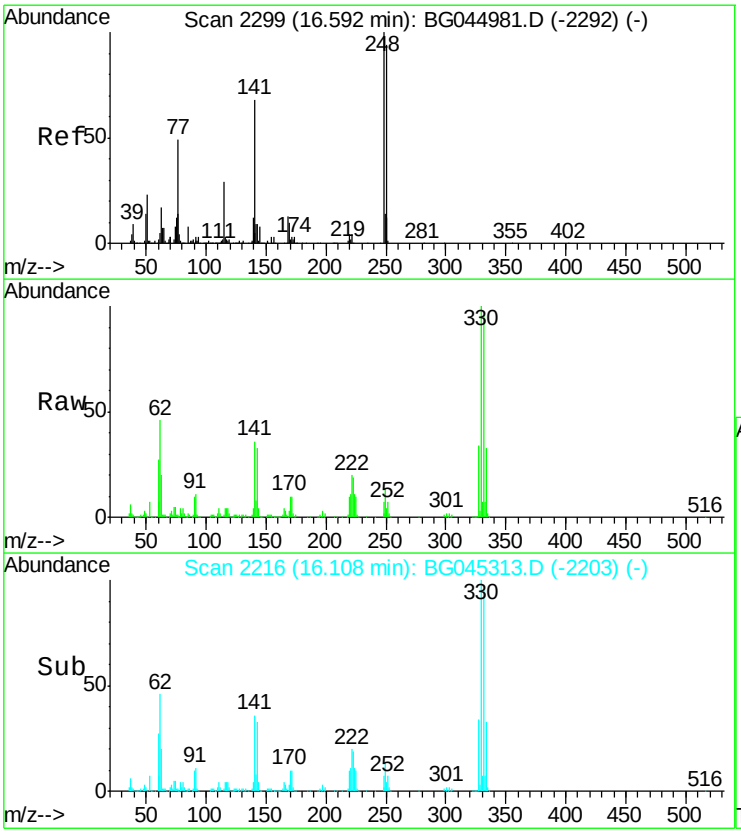
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG045313.D
Acq: 12 May 2020 3:23

Instrument :
BNA_G
ClientSampleId :
DRUM-1-7

Tgt Ion:188 Resp: 412502

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.2	9.4
80	8.4	7.0	10.6

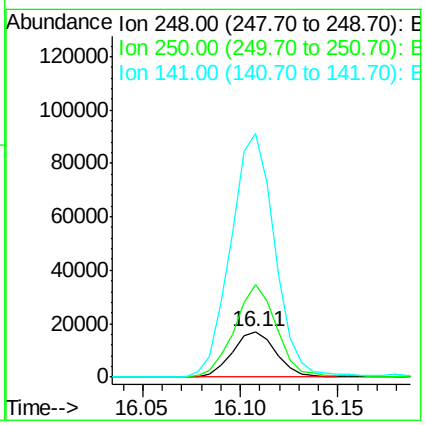


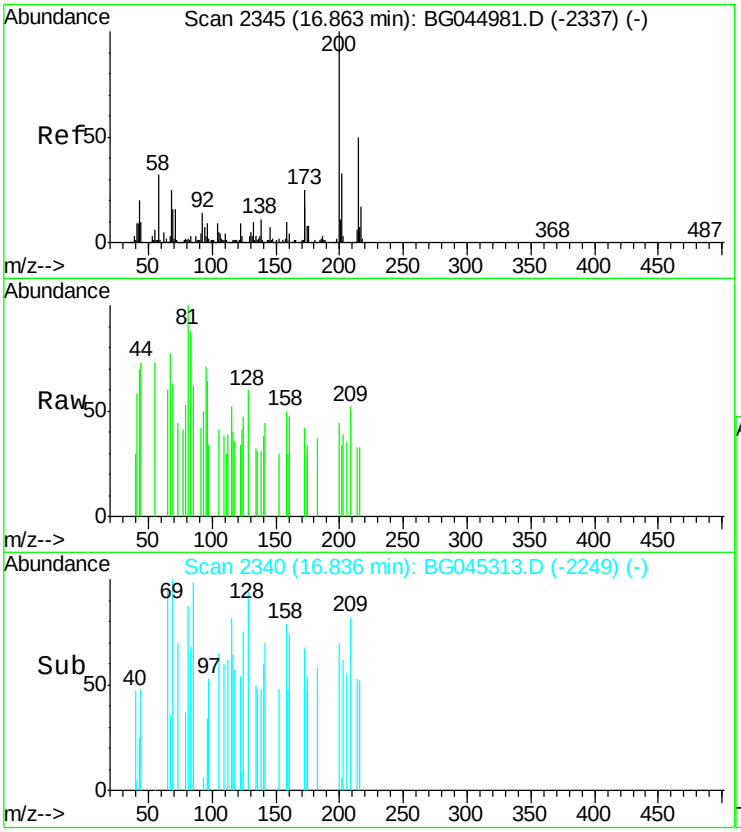


#67
4-Bromophenyl-phenylether
Concen: 4.981 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.45 min
Lab File: BG045313.D
Acq: 12 May 2020 3:23

Tgt Ion:248 Resp: 26506

Ion	Ratio	Lower	Upper
248	100		
250	204.0	75.4	113.2#
141	537.6	54.4	81.6#



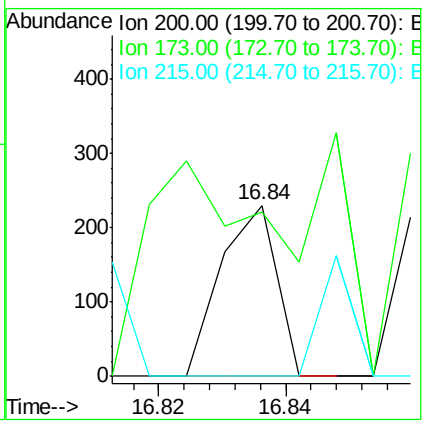


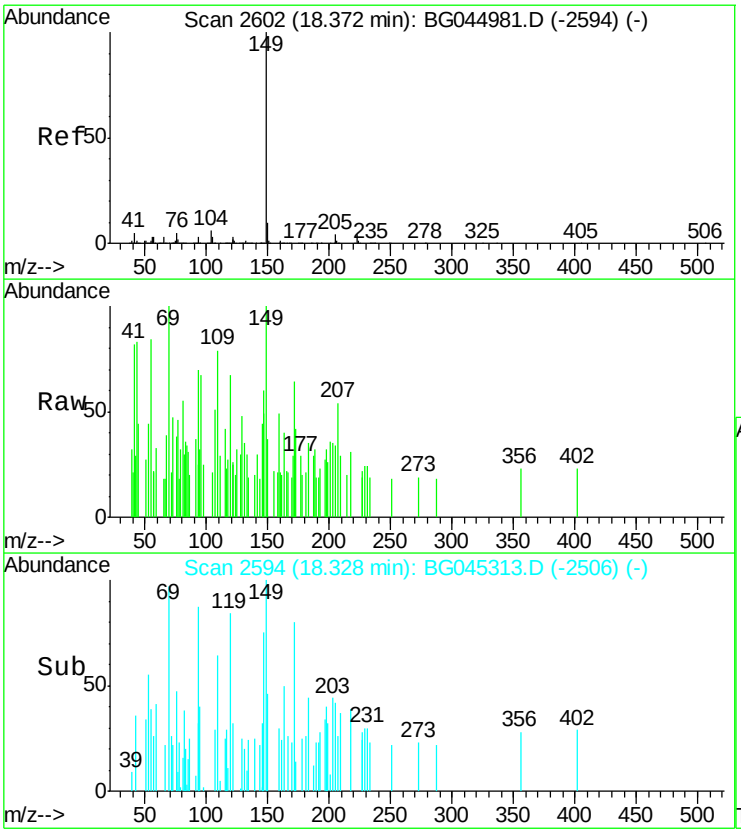
#69
Atrazine
Concen: Below Cal
RT: 16.84 min Scan# 2340
Delta R.T. 0.01 min
Lab File: BG045313.D
Acq: 12 May 2020 3:23

Instrument :
BNA_G
ClientSampleId :
DRUM-1-7

Tgt Ion:200 Resp: 140

Ion	Ratio	Lower	Upper
200	100		
173	96.1	4.5	44.5#
215	0.0	30.0	70.0#

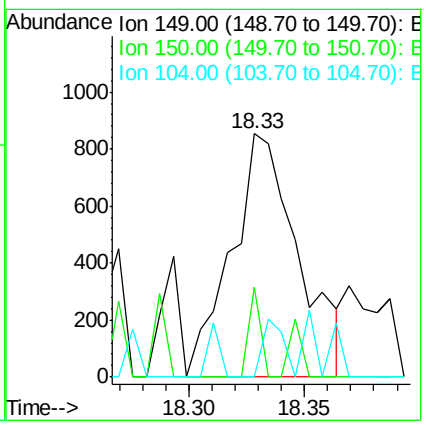


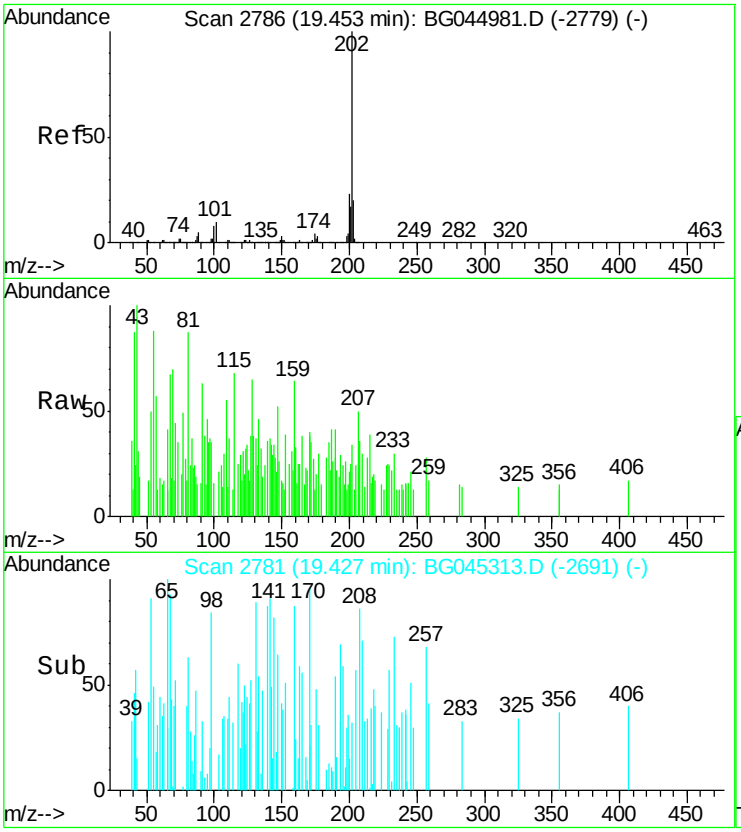


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.33 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BG045313.D
Acq: 12 May 2020 3:23

Tgt Ion:149 Resp: 1713

Ion	Ratio	Lower	Upper
149	100		
150	37.0	8.2	12.2#
104	0.0	4.8	7.2#



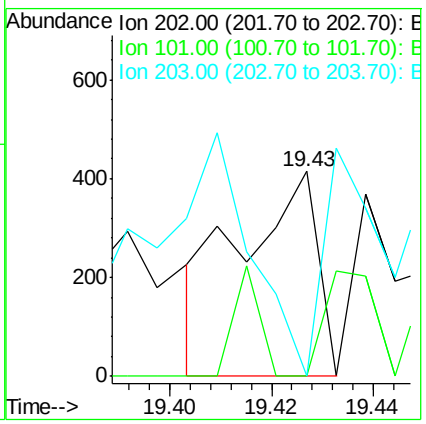


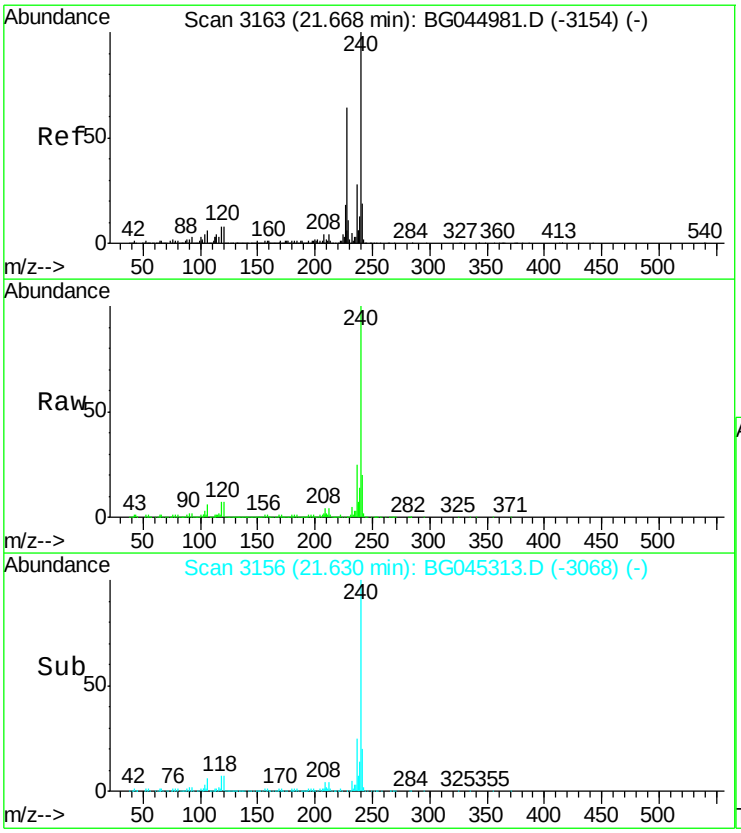
#75
Fluoranthene
Concen: Below Cal
RT: 19.43 min Scan# 2781
Delta R.T. 0.00 min
Lab File: BG045313.D
Acq: 12 May 2020 3:23

Instrument :
BNA_G
ClientSampleId :
DRUM-1-7

Tgt Ion:202 Resp: 441

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

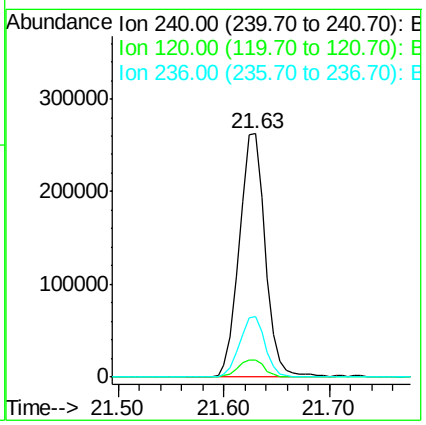


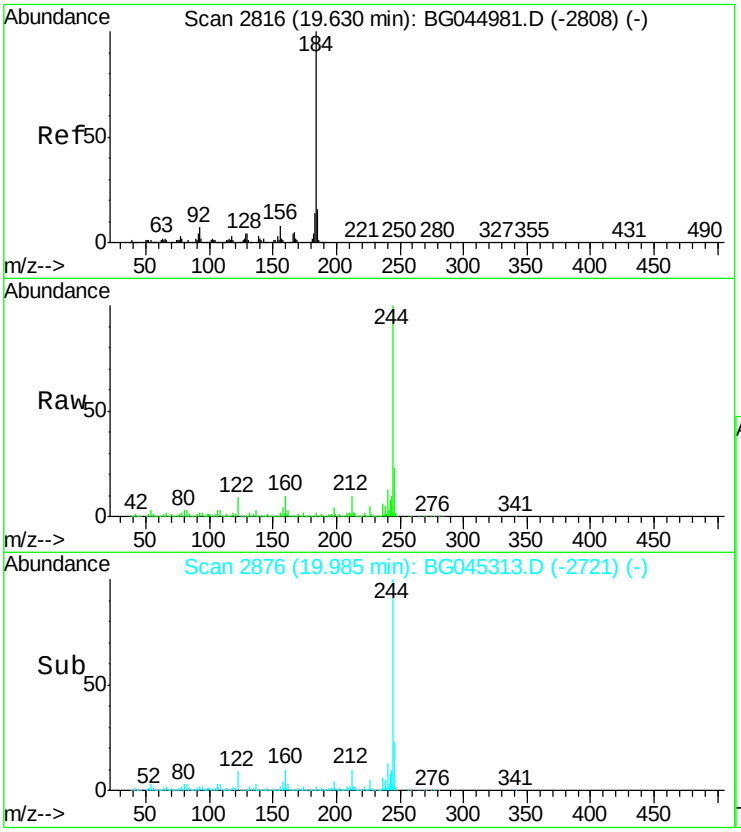


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG045313.D
Acq: 12 May 2020 3:23

Tgt Ion:240 Resp: 447914

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.6	10.0
236	25.1	22.2	33.2



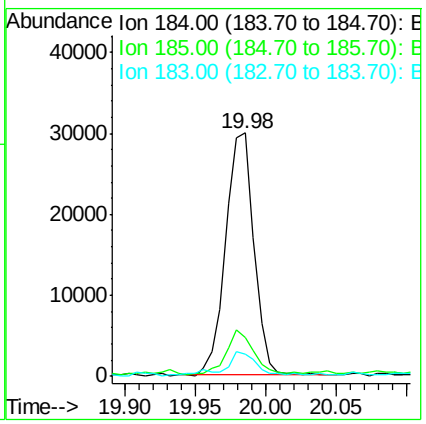


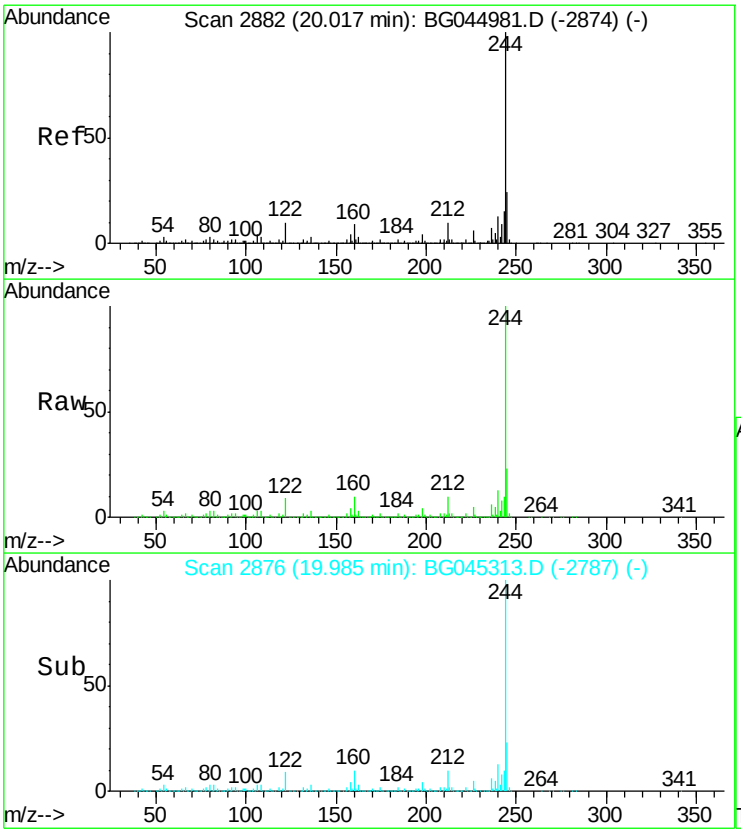
#77
Benzidine
Concen: Below Cal
RT: 19.98 min Scan# 2876
Delta R.T. 0.38 min
Lab File: BG045313.D
Acq: 12 May 2020 3:23

Instrument :
BNA_G
ClientSampleId :
DRUM-1-7

Tgt Ion:184 Resp: 41551

Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.6	19.0
183	9.3	11.3	16.9#

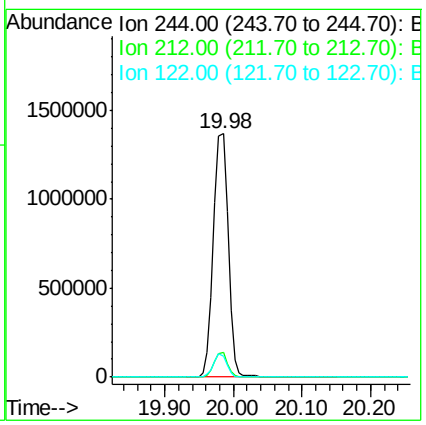


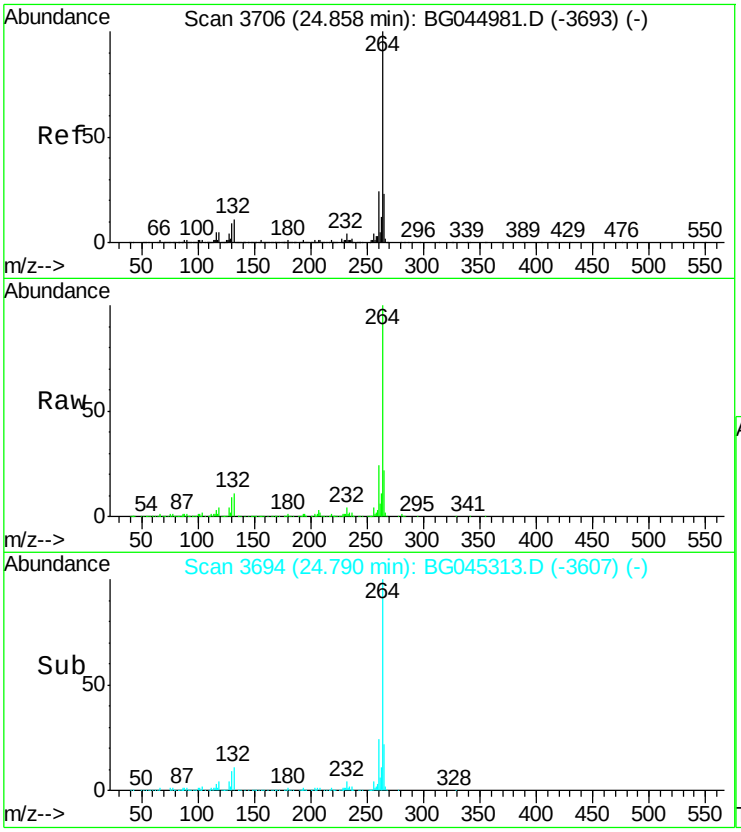


#79
Terphenyl-d14
Concen: 100.210 ng
RT: 19.98 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BG045313.D
Acq: 12 May 2020 3:23

Tgt Ion:244 Resp: 2059366

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.9	11.9
122	8.8	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.02 min
Lab File: BG045313.D
Acq: 12 May 2020 3:23

Instrument :
BNA_G
ClientSampleId :
DRUM-1-7

Tgt Ion:264 Resp: 494798

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	19.0	28.4