Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
Data File : BG045170.D
Acq On : 24 Apr 2020 21:03
Operator : CG/JU
Sample : L2120-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 25 00:22:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 13:58:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	64072	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	248565	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	170855	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	398518	20.00	ng	0.00
76) Chrysene-d12	21.64	240	408374	20.00	ng	-0.02
87) Perylene-d12	24.82	264	434739	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	526650	135.70	ng	0.00
7) Phenol-d6	7.17	99	650113	112.75	ng	0.00
23) Nitrobenzene-d5	9.16	82	542146	99.52	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	394253	149.37	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1222094	104.88	ng	0.00
79) Terphenyl-d14	20.00	244	2052659	109.55	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.16	77	1366	Below Cal	#	16
19) n-Nitroso-di-n-propylamine	9.16	70	72832	17.861	ng	# 79
32) Benzoic acid	10.12	122	219	6.435	ng	# 24
51) 2,6-Dinitrotoluene	14.63	165	22656	7.281	ng	# 25
57) 2,4-Dinitrotoluene	14.63	165	22656	4.982	ng	# 23
67) 4-Bromophenyl-phenylether	16.13	248	26889	5.230	ng	# 1
69) Atrazine	16.50	200	125	Below Cal	#	35
74) Di-n-butylphthalate	18.34	149	3191	Below Cal	#	76
75) Fluoranthene	19.43	202	682	Below Cal		62
77) Benzidine	20.00	184	41480	Below Cal	#	89

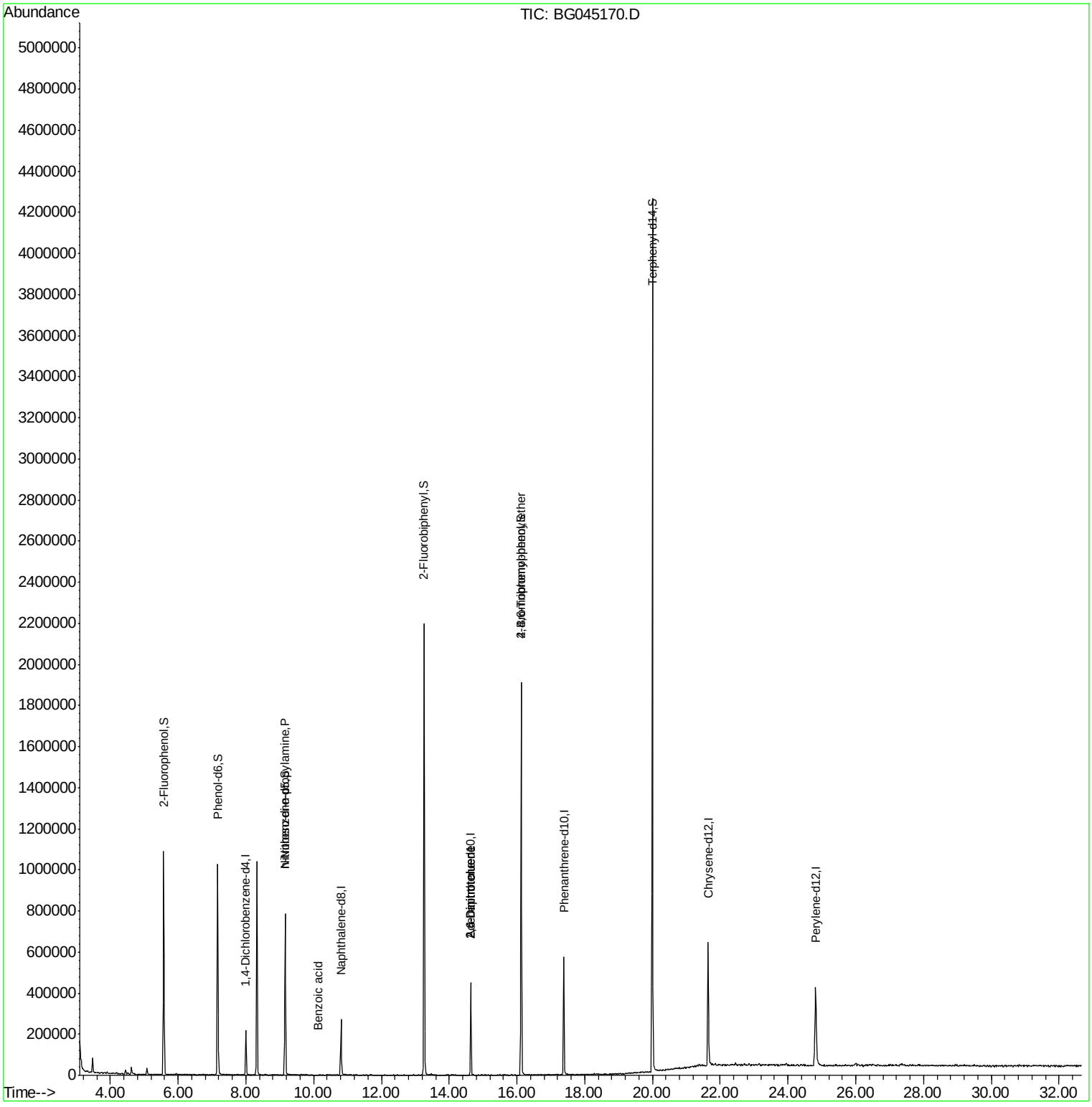
(#) = qualifier out of range (m) = manual integration (+) = signals summed

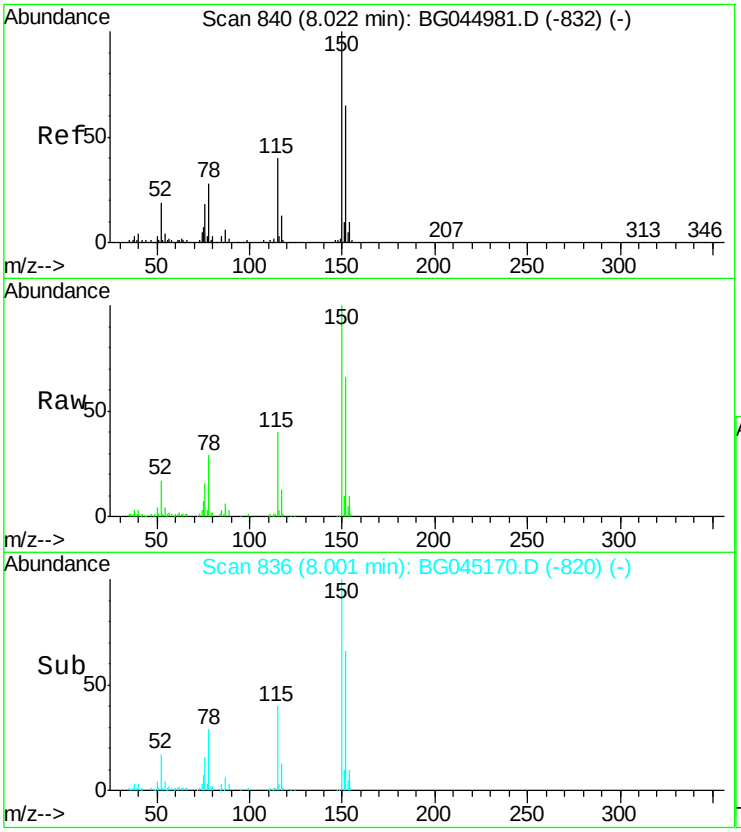
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
Data File : BG045170.D
Acq On : 24 Apr 2020 21:03
Operator : CG/JU
Sample : L2120-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 25 00:22:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 13:58:55 2020
Response via : Initial Calibration



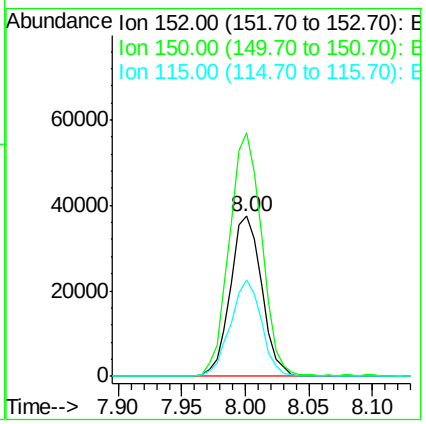


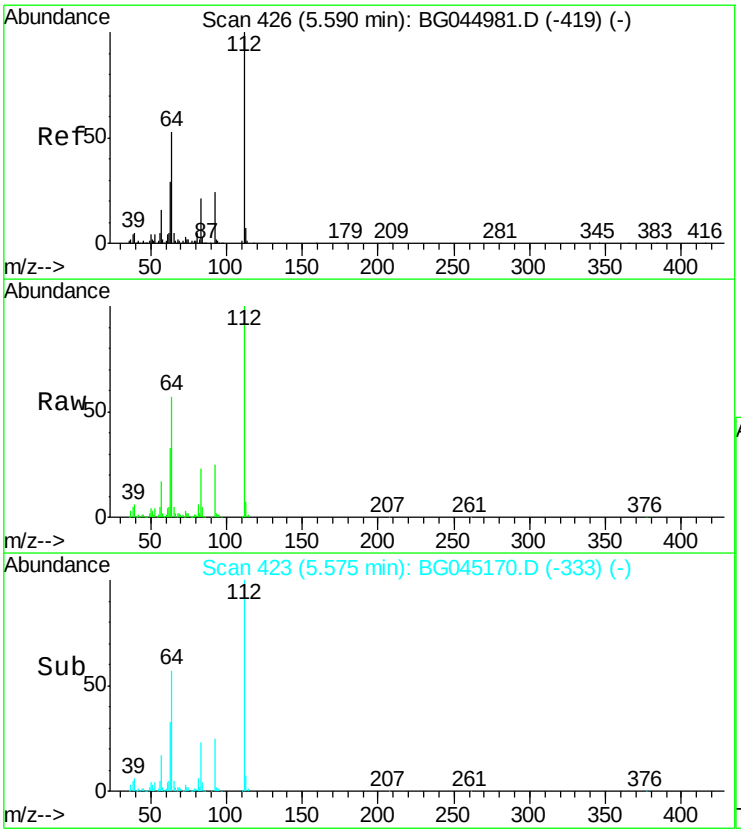
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 64072

Ion	Ratio	Lower	Upper
152	100		
150	152.3	123.6	185.4
115	60.4	49.1	73.7

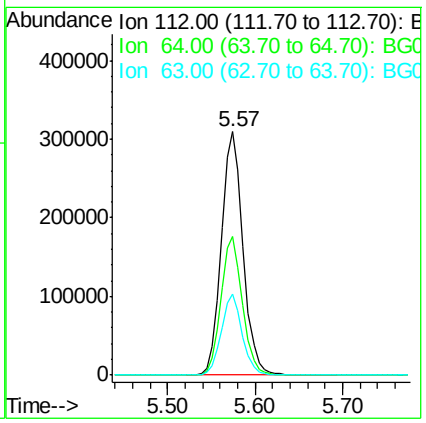


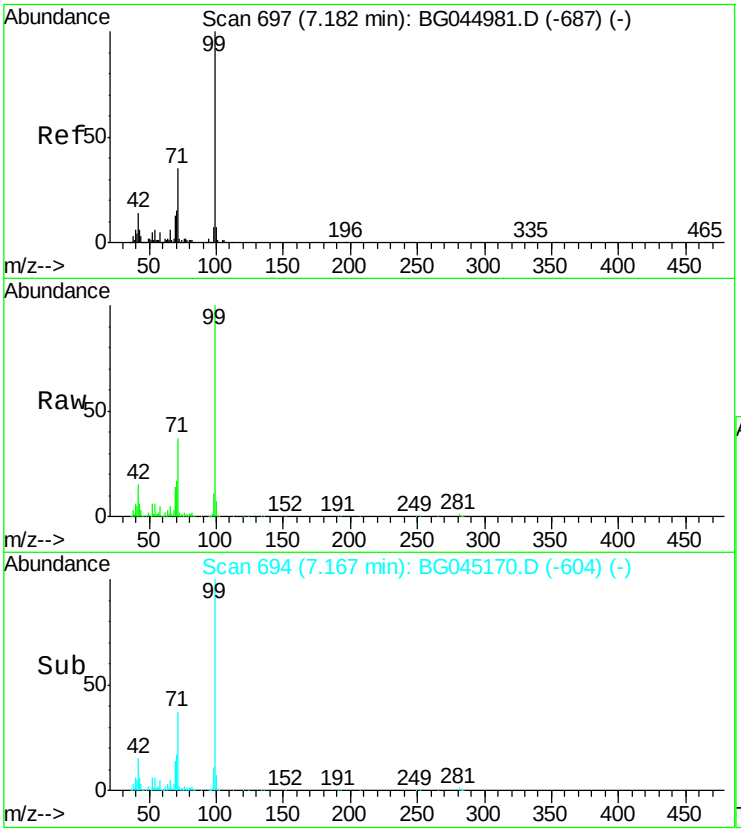


#5
2-Fluorophenol
Concen: 135.702 ng
RT: 5.57 min Scan# 423
Delta R.T. -0.00 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Tgt Ion:112 Resp: 526650

Ion	Ratio	Lower	Upper
112	100		
64	57.1	42.4	63.6
63	33.3	23.1	34.7



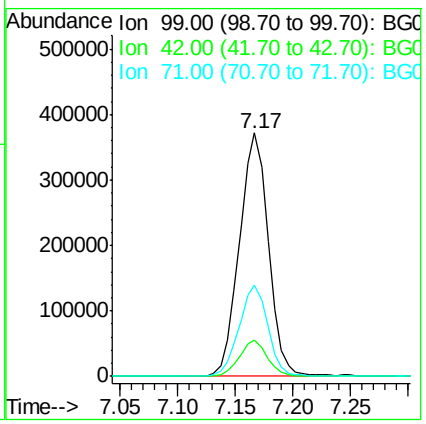


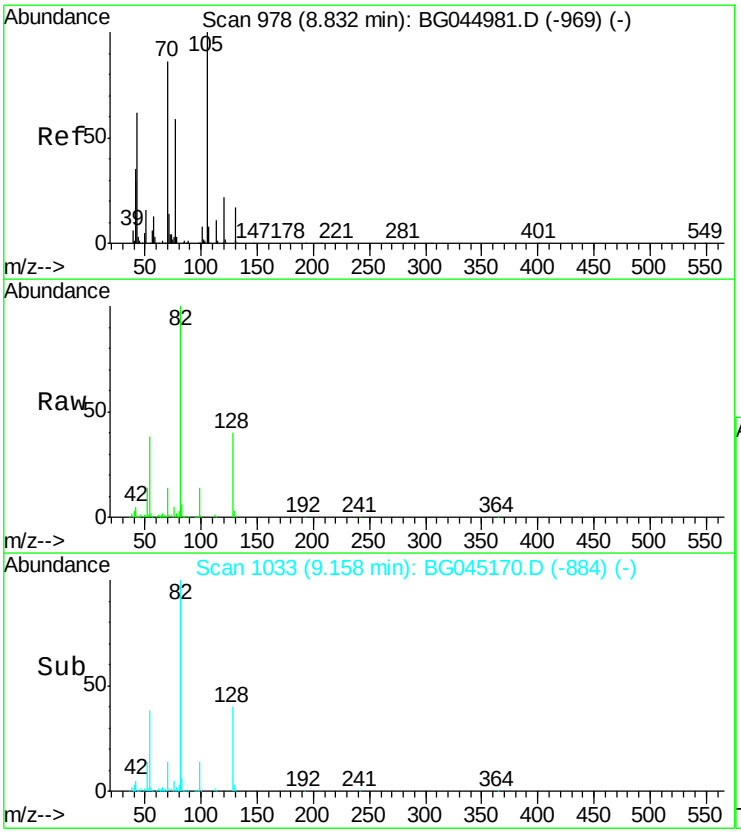
#7
Phenol-d6
Concen: 112.748 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.00 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 650113

Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.3	16.9
71	37.5	28.3	42.5

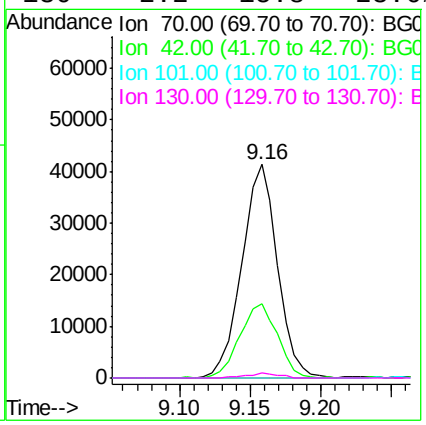


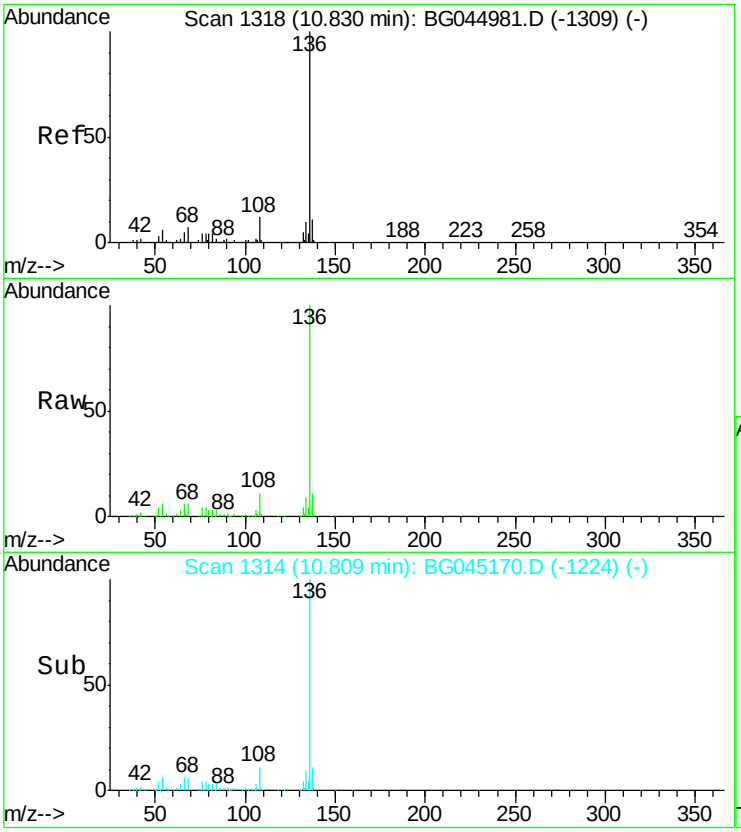


#19
n-Nitroso-di-n-propylamine
Concen: 17.861 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.34 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Tgt Ion: 70 Resp: 72832

Ion	Ratio	Lower	Upper
70	100		
42	34.7	33.3	49.9
101	0.0	7.8	11.8#
130	2.2	15.8	23.6#



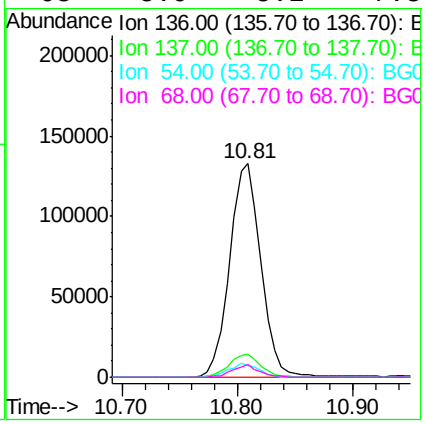


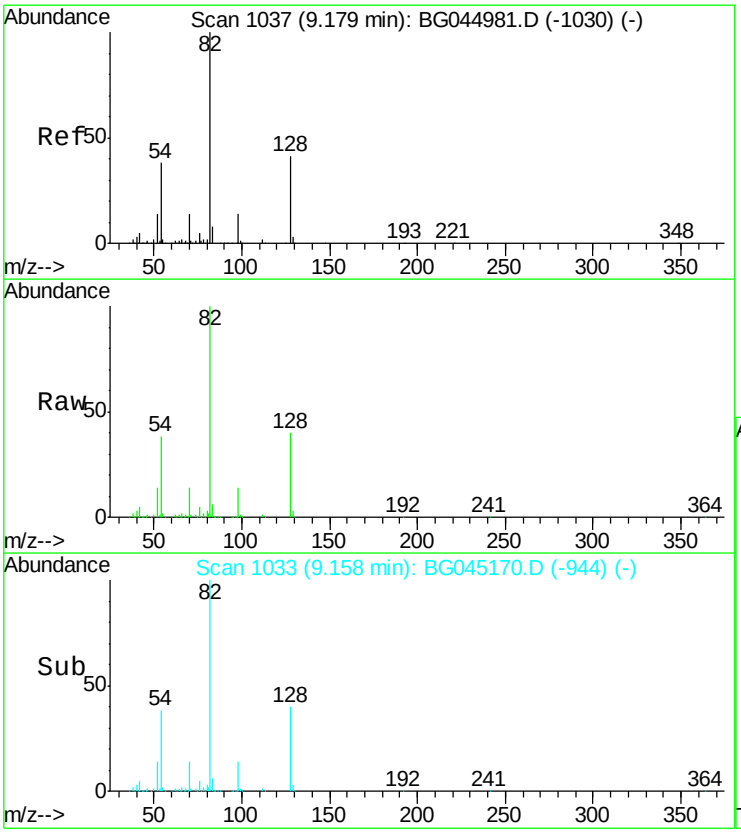
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 248565

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	5.6	4.8	7.2
68	5.9	5.2	7.8

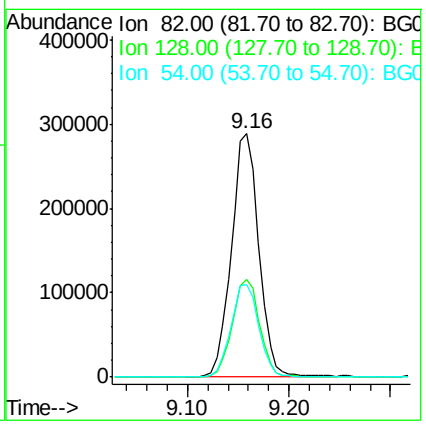


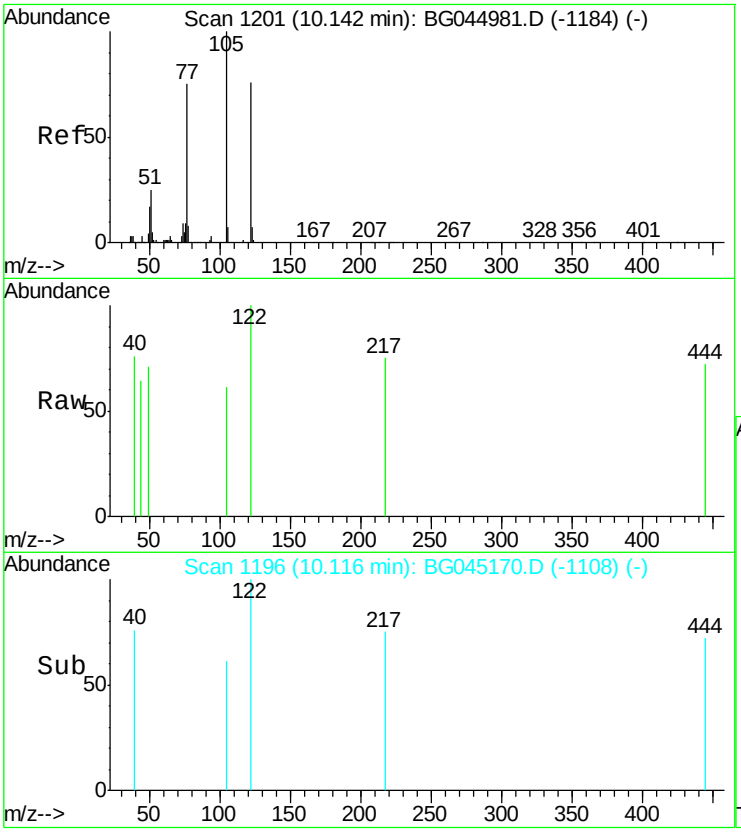


#23
Nitrobenzene-d5
Concen: 99.521 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Tgt Ion: 82 Resp: 542146

Ion	Ratio	Lower	Upper
82	100		
128	40.1	33.0	49.4
54	38.0	30.4	45.6



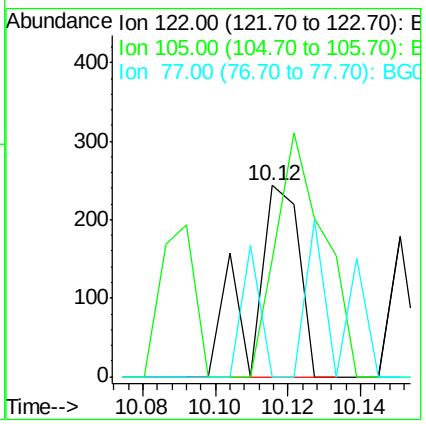


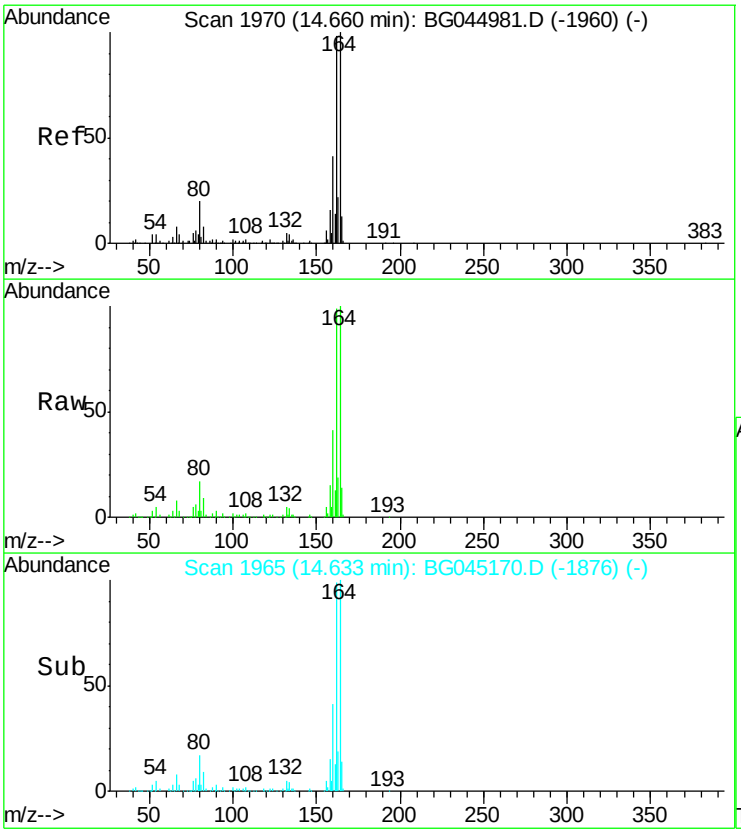
#32
Benzoic acid
Concen: 6.435 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 219

Ion	Ratio	Lower	Upper
122	100		
105	61.5	108.4	148.4#
77	0.0	78.8	118.8#

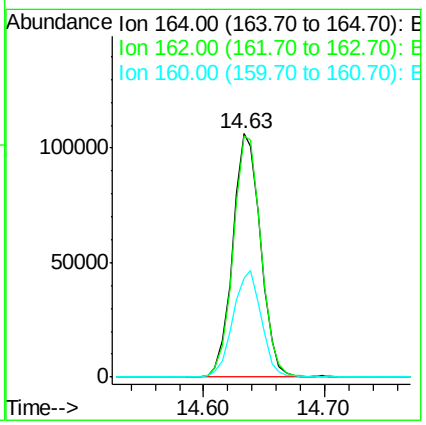


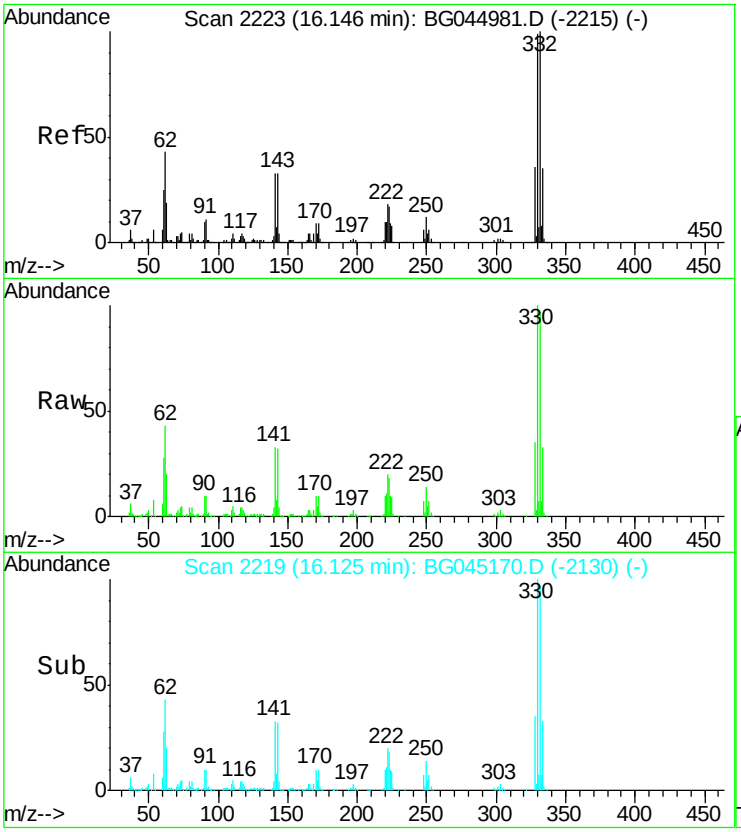


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Tgt Ion:164 Resp: 170855

Ion	Ratio	Lower	Upper
164	100		
162	98.8	78.7	118.1
160	40.9	32.8	49.2



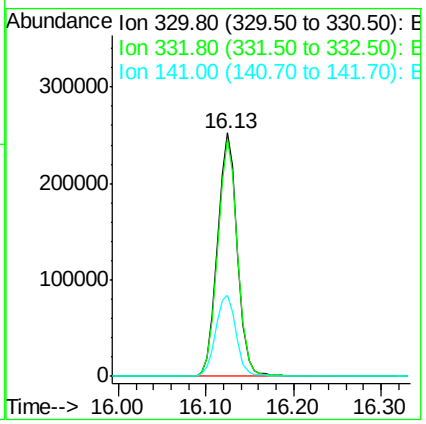


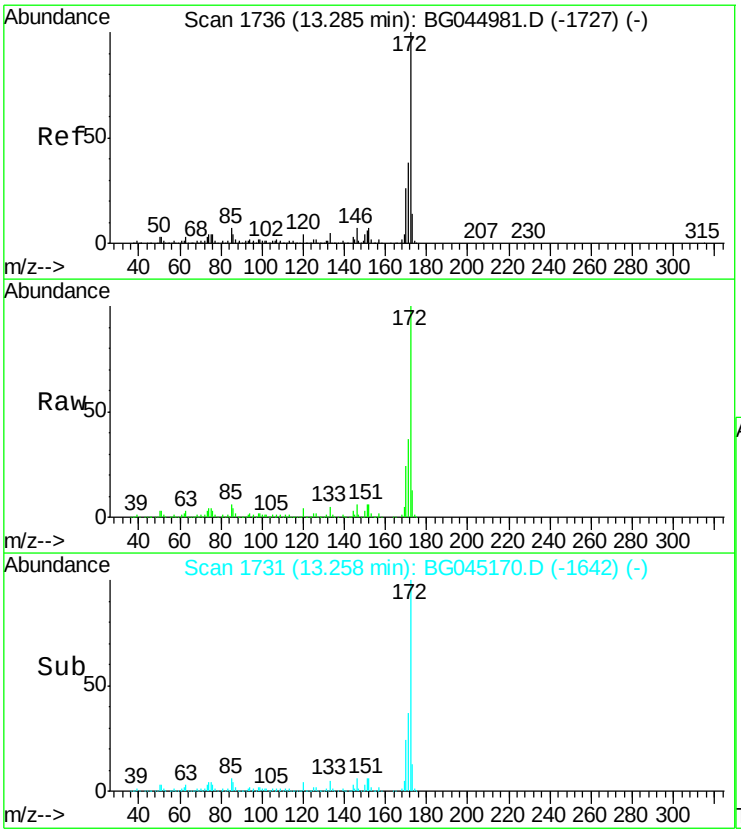
#42
2,4,6-Tribromophenol
Concen: 149.367 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 394253

Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.1	118.7
141	34.6	27.1	40.7

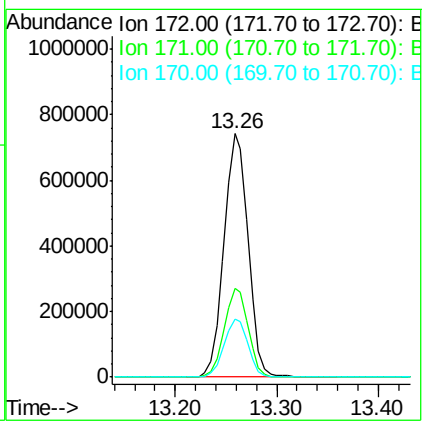


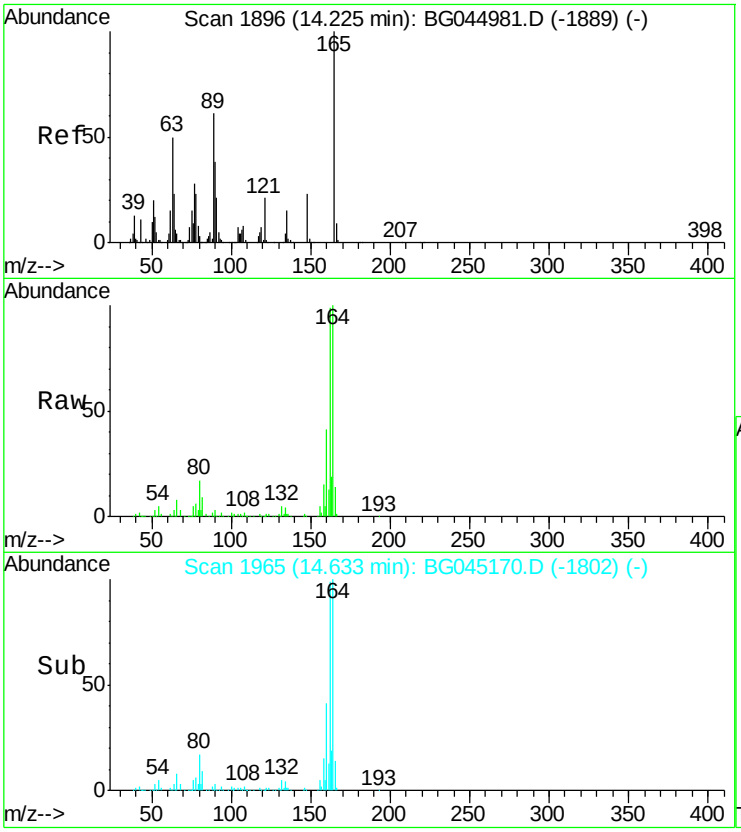


#45
2-Fluorobiphenyl
Concen: 104.883 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Tgt Ion:172 Resp: 1222094

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.6	46.0
170	23.6	20.5	30.7



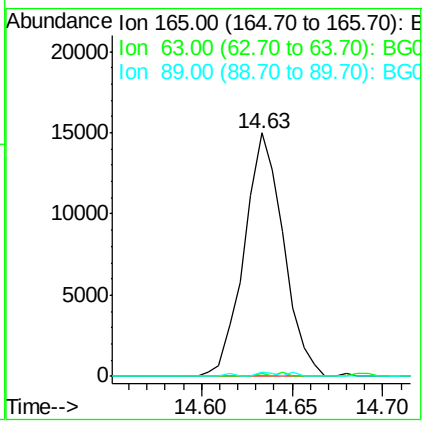


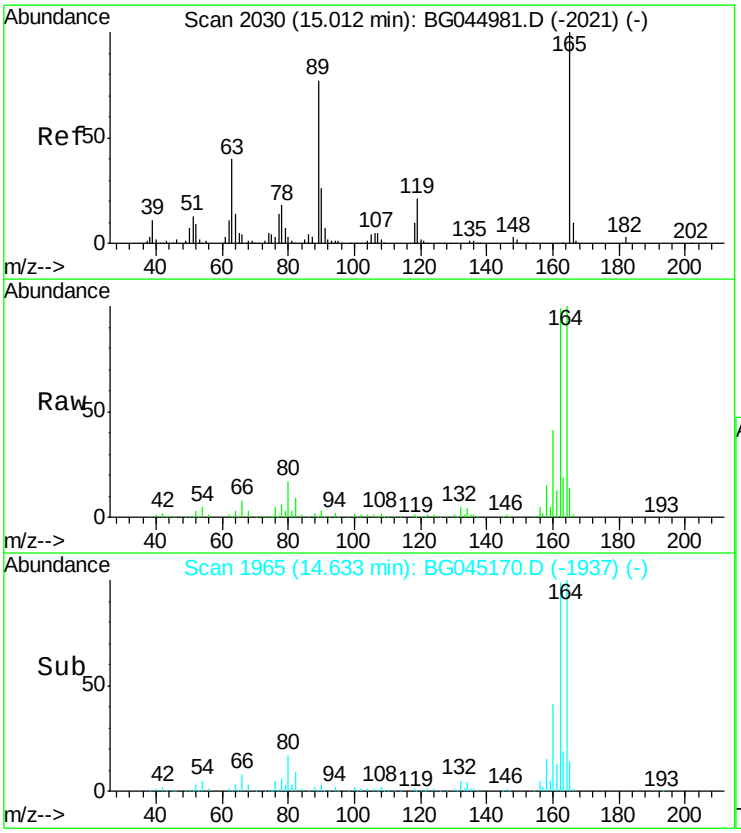
#51
2,6-Dinitrotoluene
Concen: 7.281 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.42 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 22656

Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.4	60.6#
89	1.8	49.1	73.7#

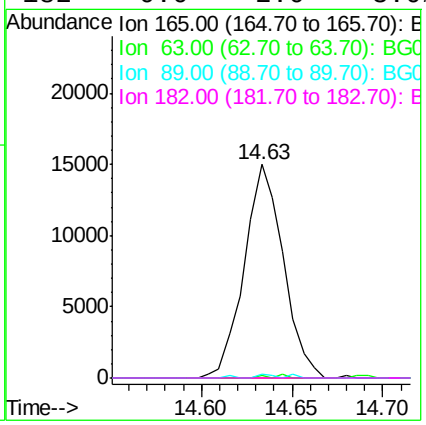


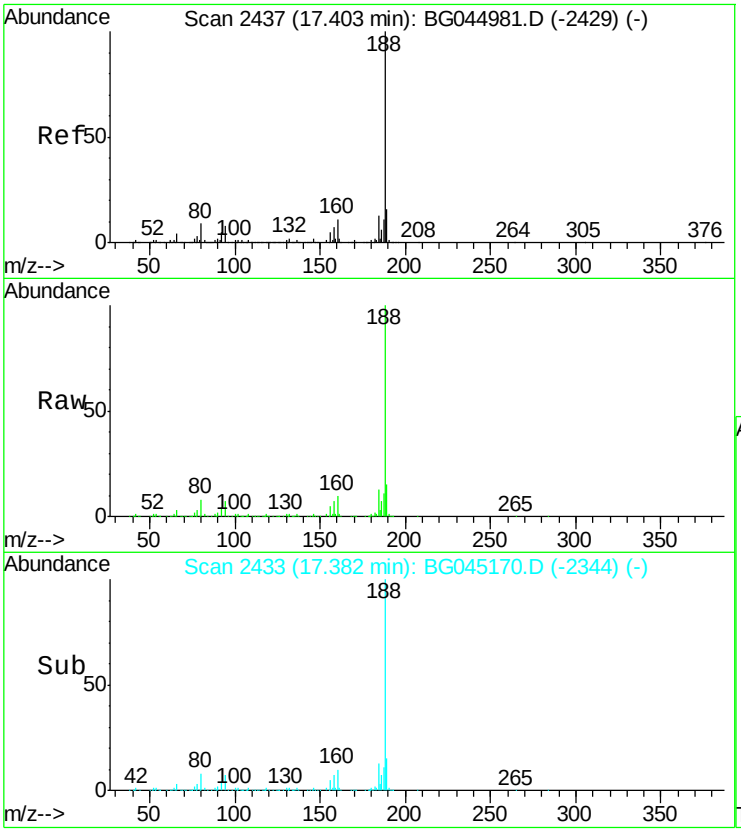


#57
2,4-Dinitrotoluene
Concen: 4.982 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.37 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Tgt Ion:165 Resp: 22656

Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.2	48.2#
89	1.8	61.7	92.5#
182	0.0	2.0	3.0#



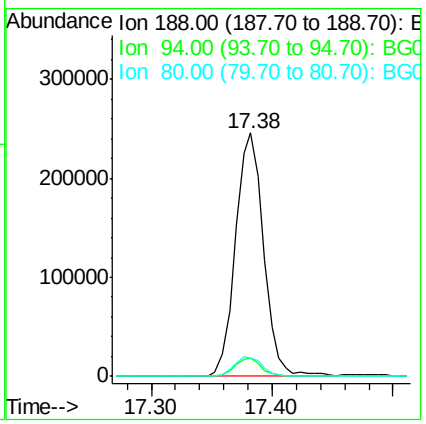


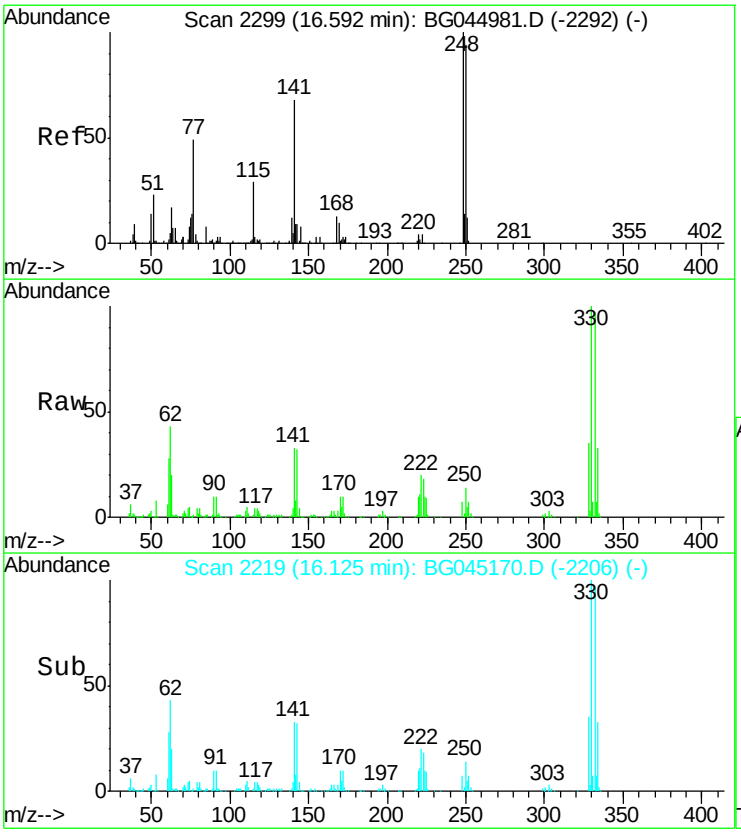
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 398518

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.2	9.4
80	7.6	7.0	10.6

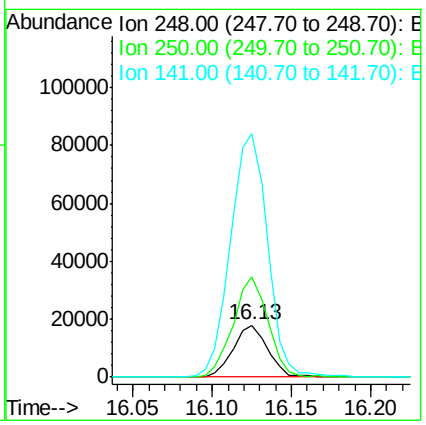


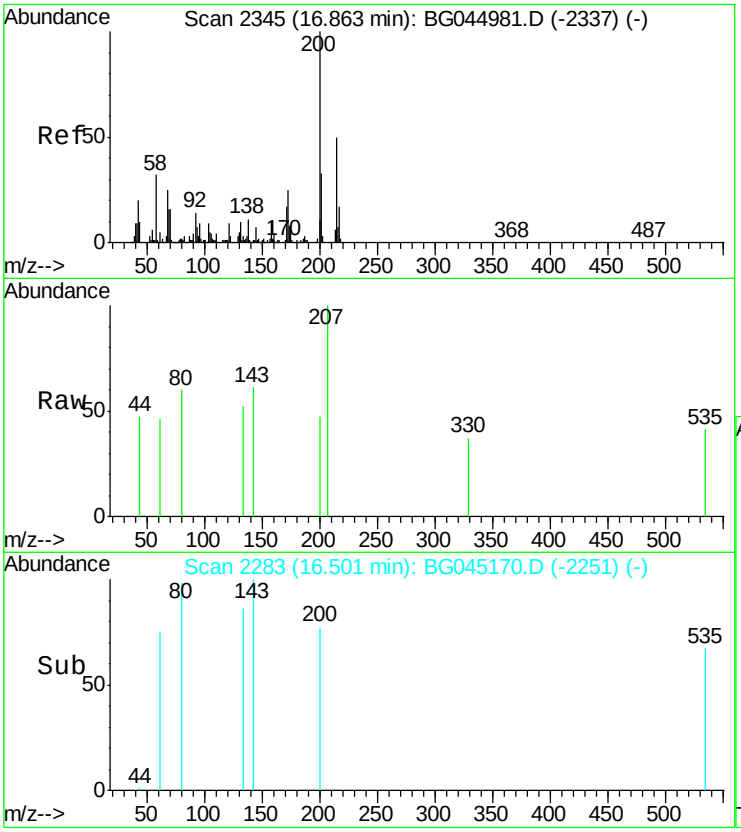


#67
4-Bromophenyl-phenylether
Concen: 5.230 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.46 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Tgt Ion:248 Resp: 26889

Ion	Ratio	Lower	Upper
248	100		
250	193.1	75.4	113.2#
141	469.7	54.4	81.6#



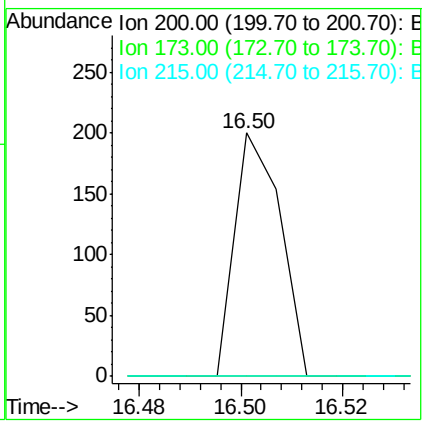


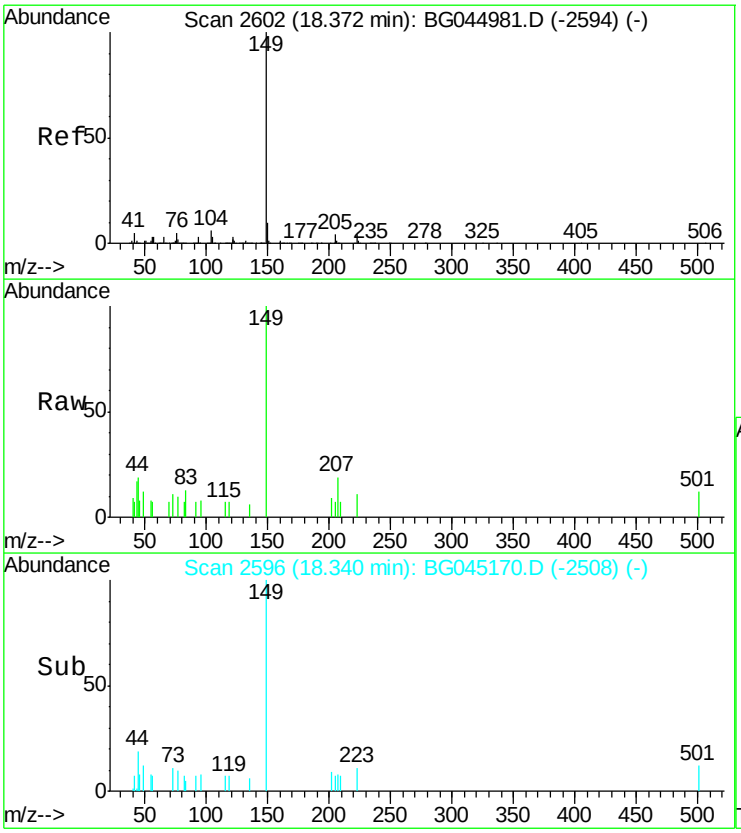
#69
Atrazine
Concen: Below Cal
RT: 16.50 min Scan# 2283
Delta R.T. -0.34 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:200 Resp: 125

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

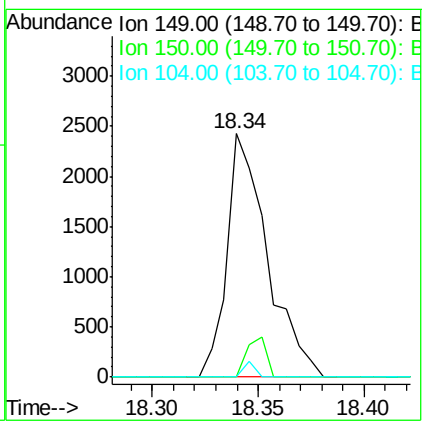


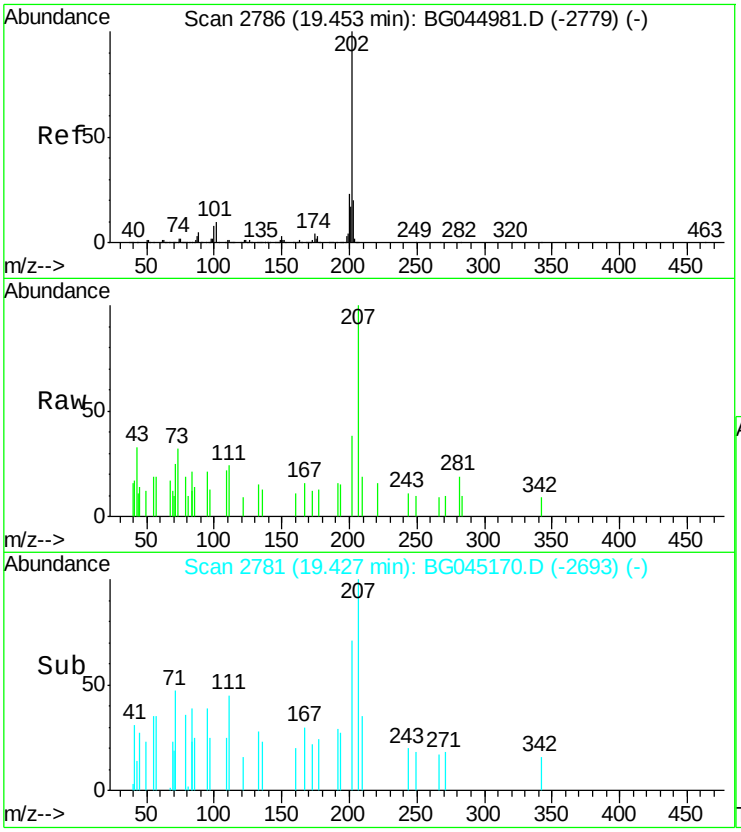


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.34 min Scan# 2596
Delta R.T. -0.02 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Tgt Ion:149 Resp: 3191

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



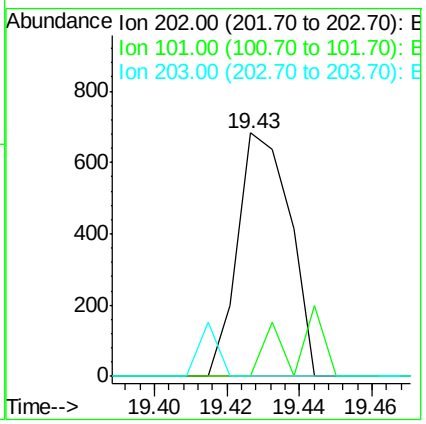


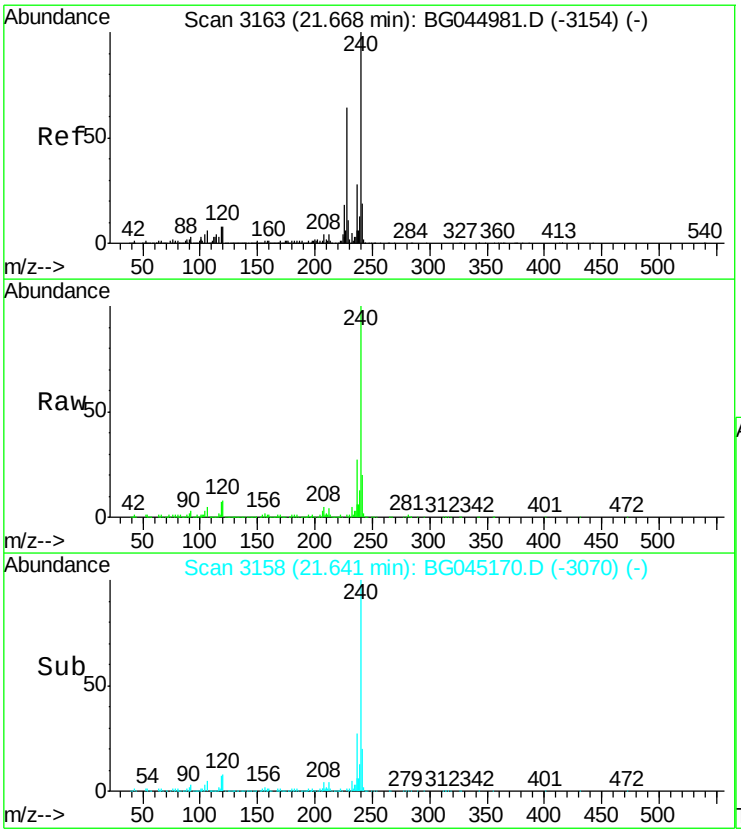
#75
Fluoranthene
Concen: Below Cal
RT: 19.43 min Scan# 2781
Delta R.T. -0.02 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 682

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

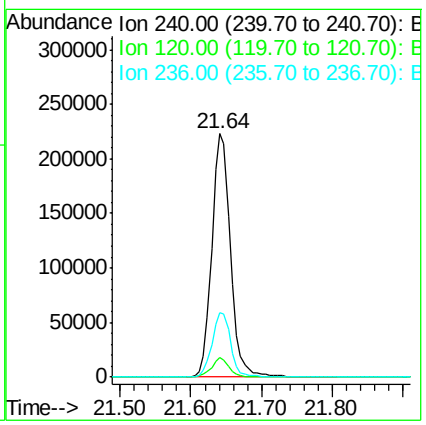


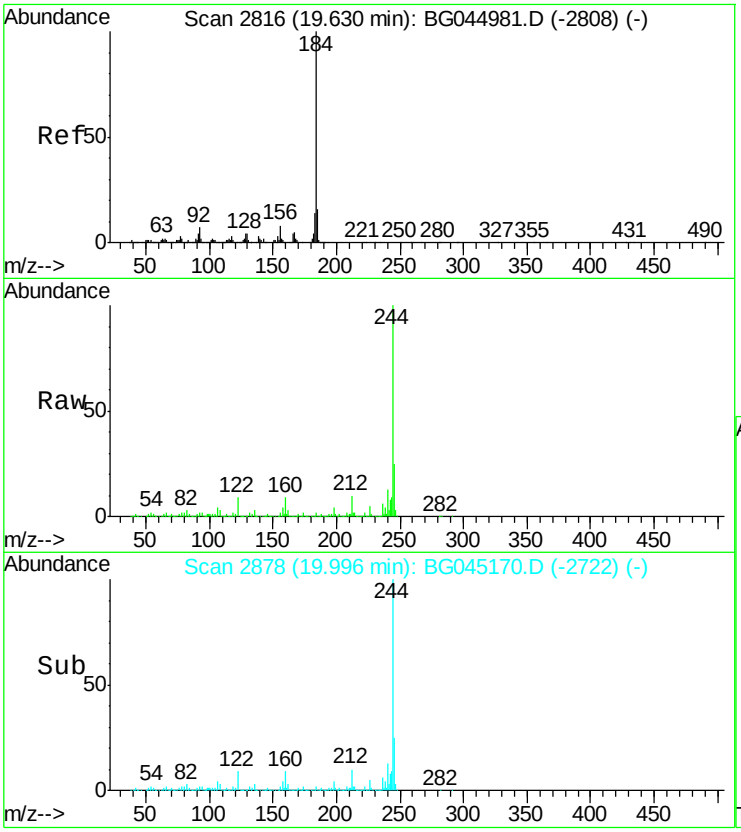


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.02 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Tgt Ion:240 Resp: 408374

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.6	10.0
236	26.6	22.2	33.2



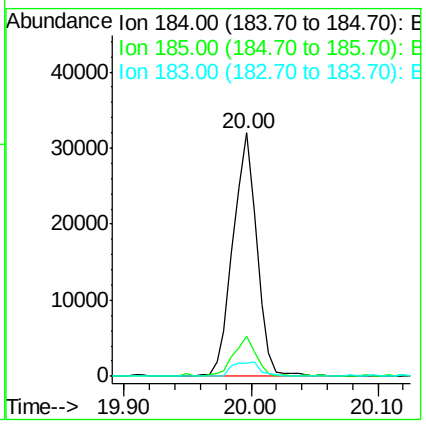


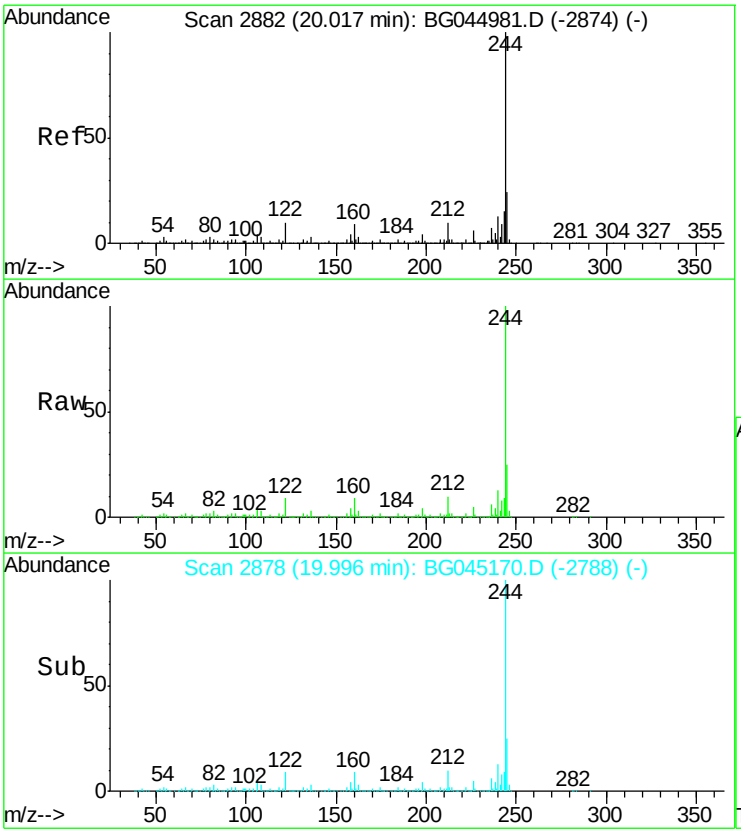
#77
Benzidine
Concen: Below Cal
RT: 20.00 min Scan# 2878
Delta R.T. 0.38 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 41480

Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.6	19.0
183	5.5	11.3	16.9#

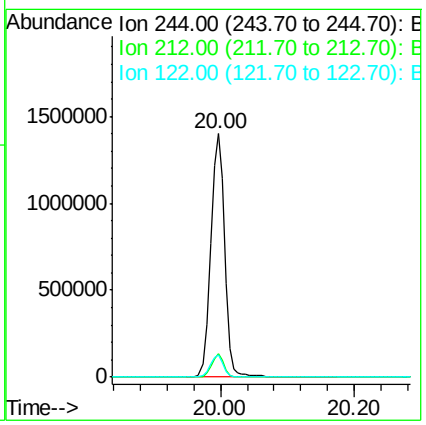


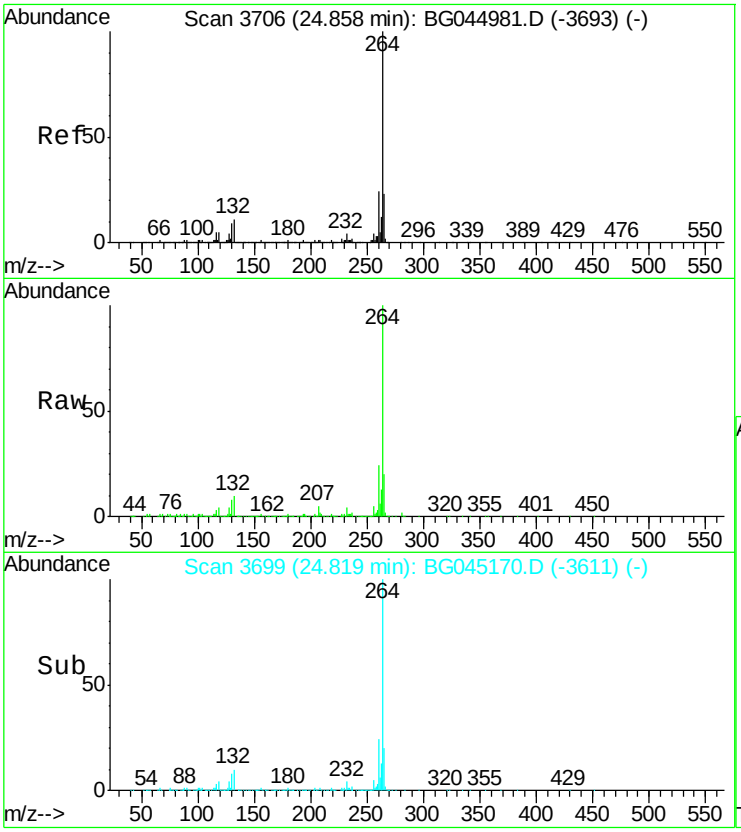


#79
Terphenyl-d14
Concen: 109.554 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Tgt Ion:244 Resp: 2052659

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.9	11.9
122	9.0	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.02 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 434739

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	19.8	19.0	28.4