Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051420\
Data File : BG045375.D
Acq On : 14 May 2020 13:51
Operator : CG/JU
Sample : PB128856TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 14 14:28:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 13:01:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	61927	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	256215	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	188218	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	451034	20.00	ng	0.00
76) Chrysene-d12	21.62	240	467552	20.00	ng	0.00
87) Perylene-d12	24.78	264	496071	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	440545	117.45	ng	0.00
7) Phenol-d6	7.14	99	628474	112.77	ng	0.00
23) Nitrobenzene-d5	9.13	82	442361	78.78	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	329716	113.39	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1033349	80.50	ng	0.00
79) Terphenyl-d14	19.98	244	1913360	89.19	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.14	77	817	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.13	70	59893	15.196	ng	# 77
51) 2,6-Dinitrotoluene	14.62	165	24821	7.241	ng	# 25
57) 2,4-Dinitrotoluene	14.62	165	24821	4.955	ng	# 23
67) 4-Bromophenyl-phenylether	16.11	248	21357	3.670	ng	# 1
69) Atrazine	16.41	200	55	Below Cal	#	35
74) Di-n-butylphthalate	18.33	149	199	Below Cal	#	76
75) Fluoranthene	19.48	202	60	Below Cal		62
77) Benzidine	19.98	184	36932	Below Cal	#	89

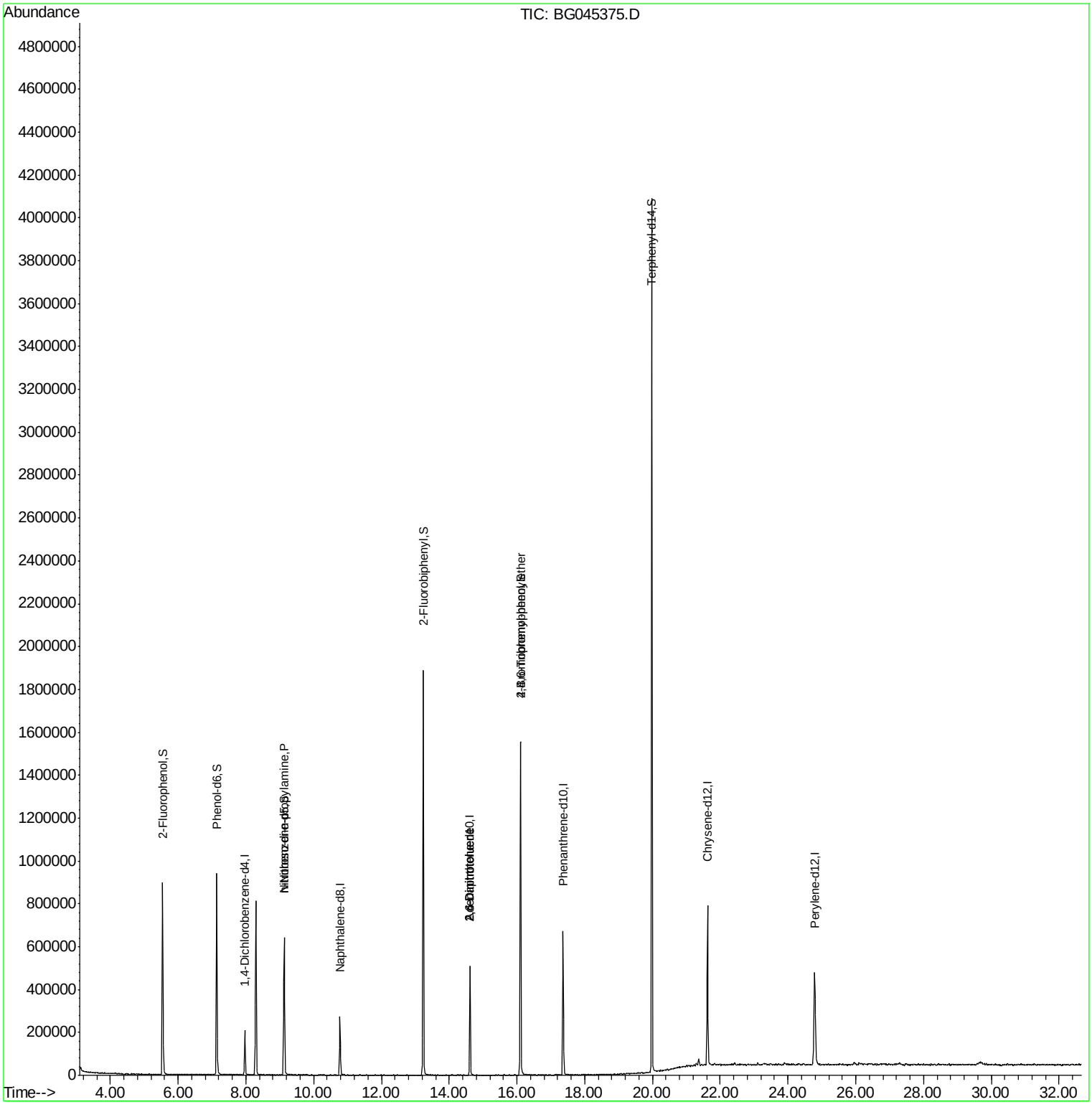
(#) = qualifier out of range (m) = manual integration (+) = signals summed

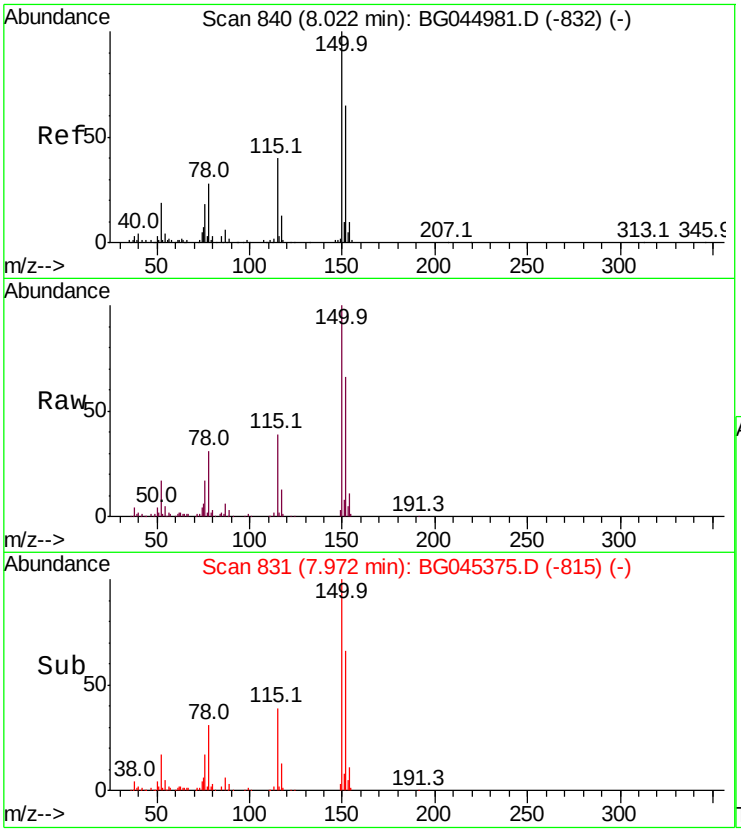
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051420\
Data File : BG045375.D
Acq On : 14 May 2020 13:51
Operator : CG/JU
Sample : PB128856TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 14 14:28:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 13:01:16 2020
Response via : Initial Calibration



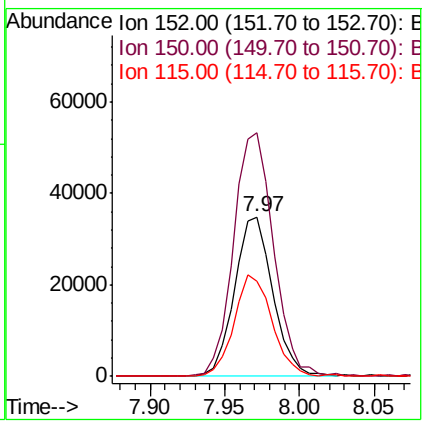


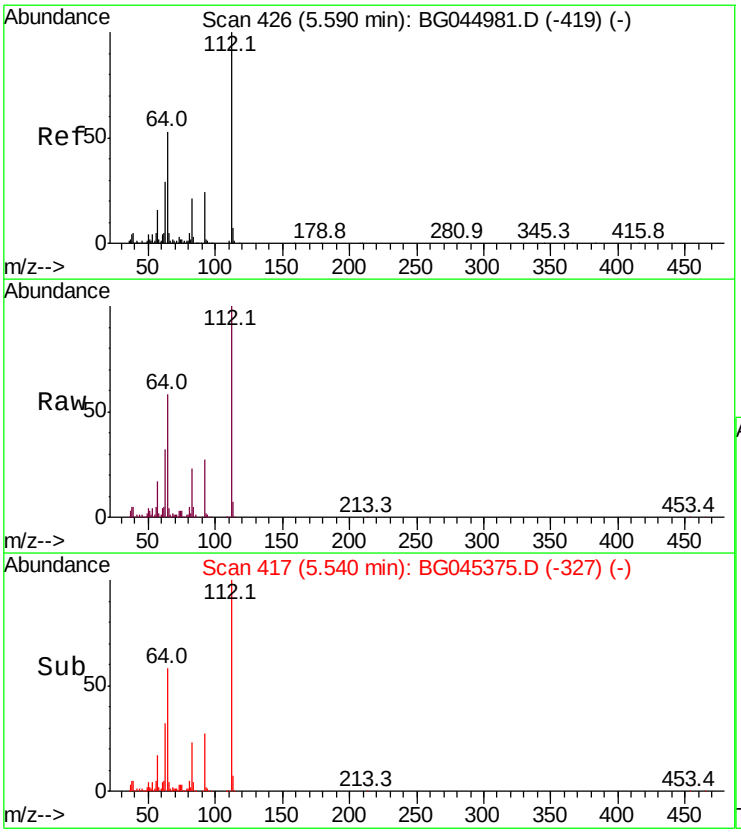
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG045375.D
Acq: 14 May 2020 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 61927

Ion	Ratio	Lower	Upper
152	100		
150	152.4	123.6	185.4
115	59.5	49.1	73.7

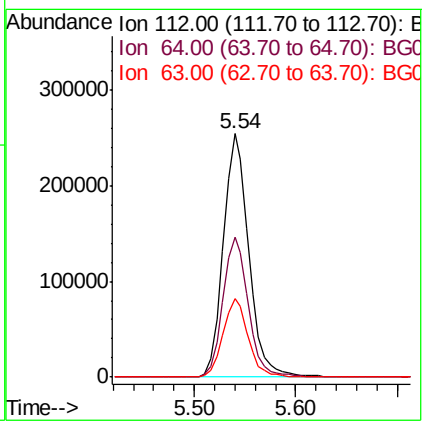


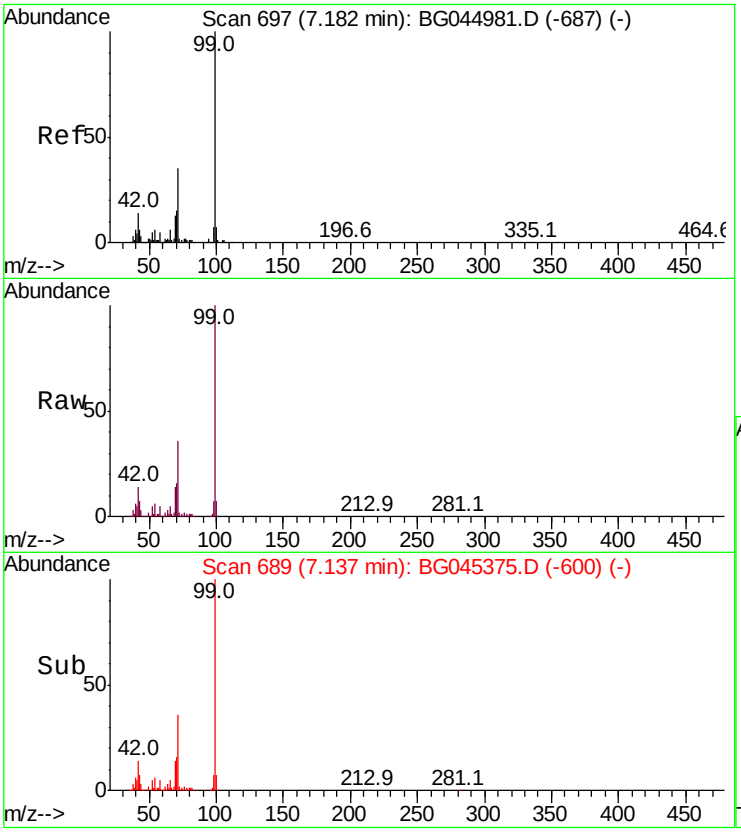


#5
2-Fluorophenol
Concen: 117.447 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG045375.D
Acq: 14 May 2020 13:51

Tgt Ion:112 Resp: 440545

Ion	Ratio	Lower	Upper
112	100		
64	57.7	42.4	63.6
63	32.0	23.1	34.7



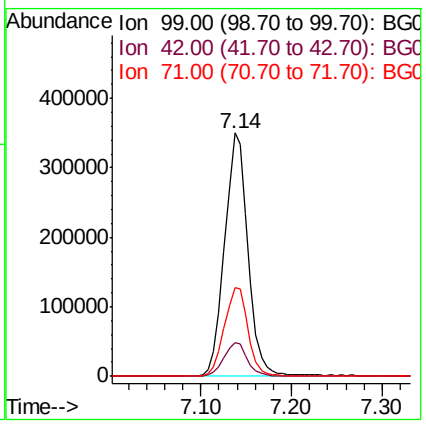


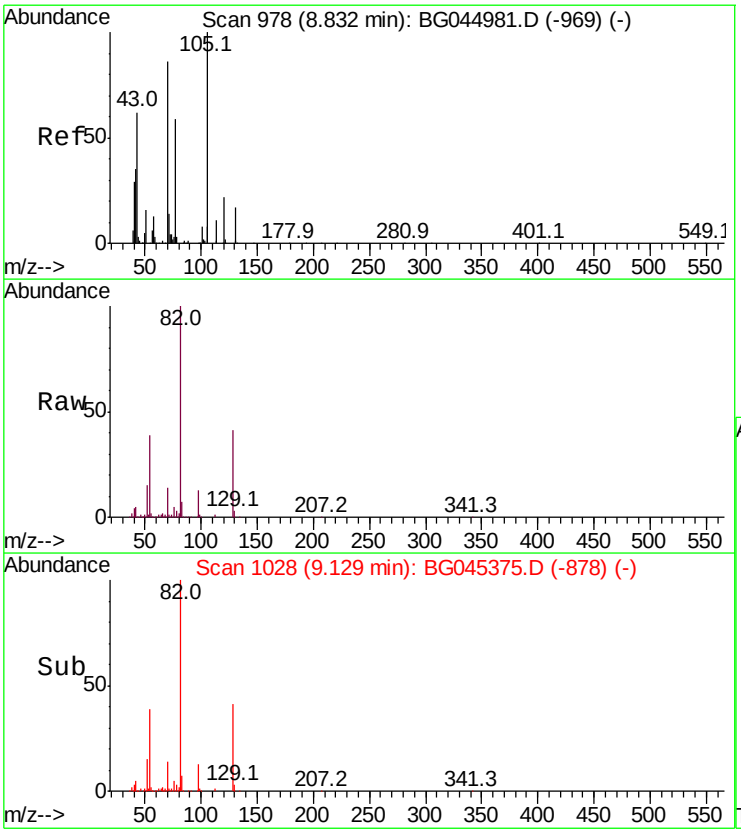
#7
Phenol-d6
Concen: 112.770 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.01 min
Lab File: BG045375.D
Acq: 14 May 2020 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 628474

Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.3	16.9
71	36.5	28.3	42.5

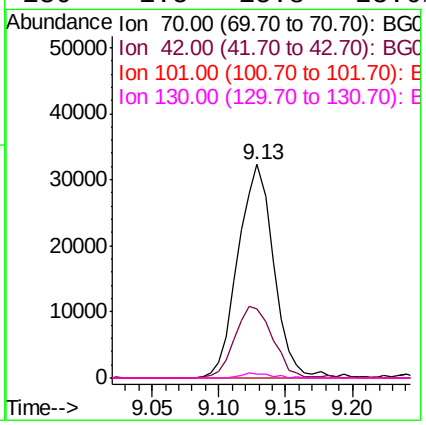


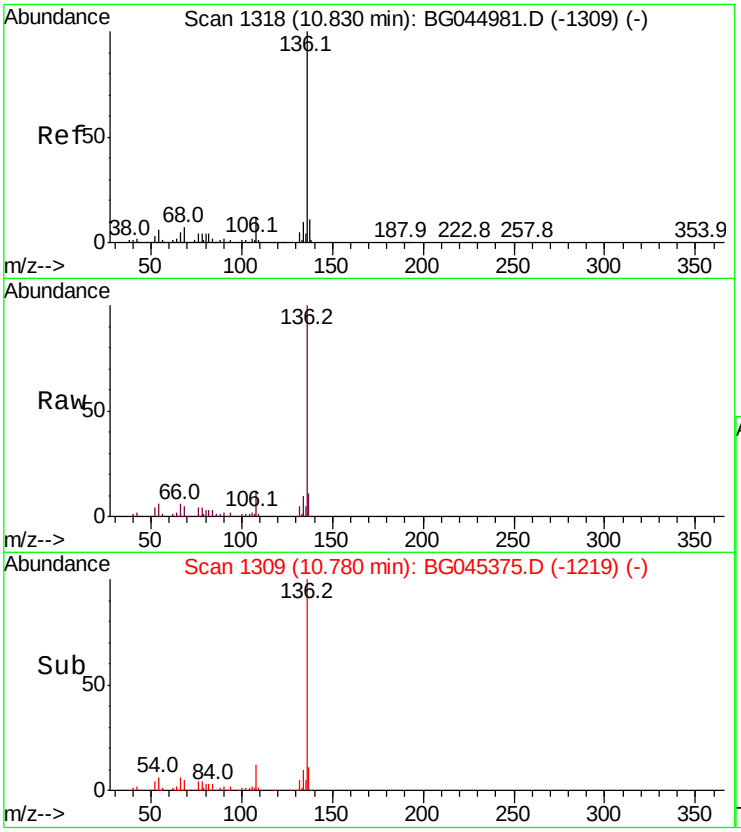


#19
n-Nitroso-di-n-propylamine
Concen: 15.196 ng
RT: 9.13 min Scan# 1028
Delta R.T. 0.35 min
Lab File: BG045375.D
Acq: 14 May 2020 13:51

Tgt Ion: 70 Resp: 59893

Ion	Ratio	Lower	Upper
70	100		
42	32.4	33.3	49.9#
101	0.0	7.8	11.8#
130	1.5	15.8	23.6#



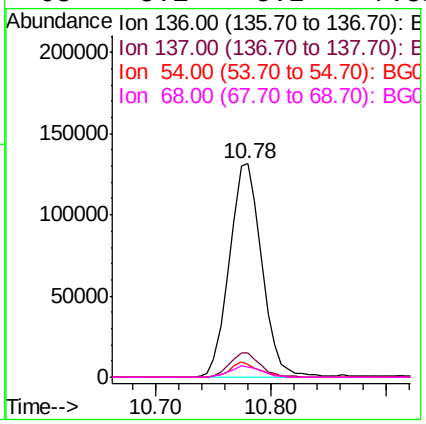


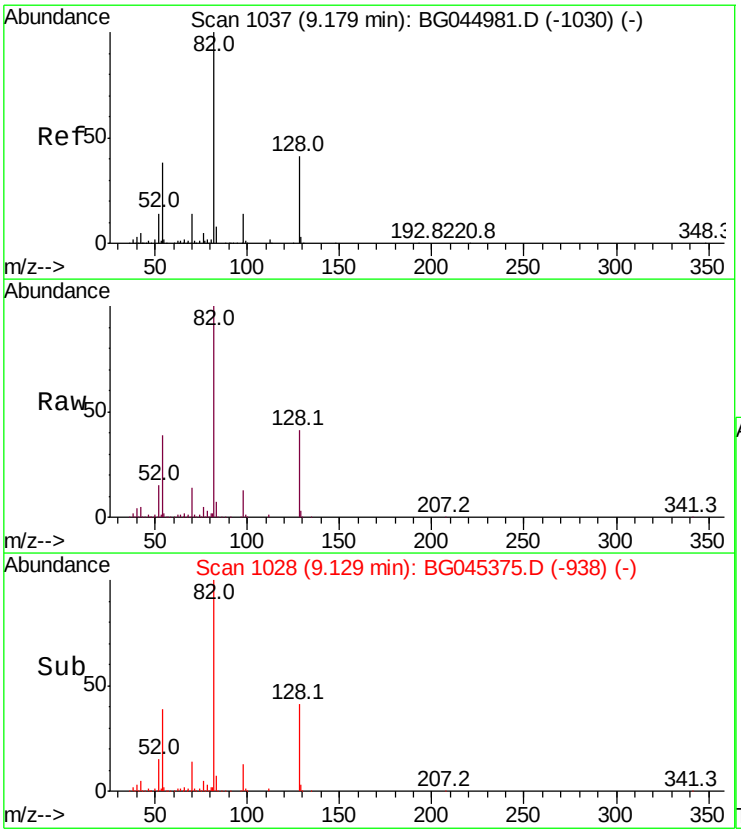
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG045375.D
Acq: 14 May 2020 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 256215

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	6.3	4.8	7.2
68	5.1	5.2	7.8#

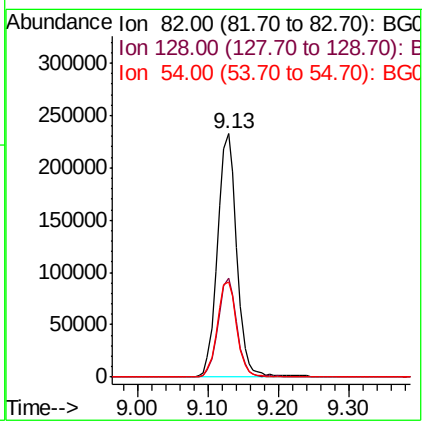


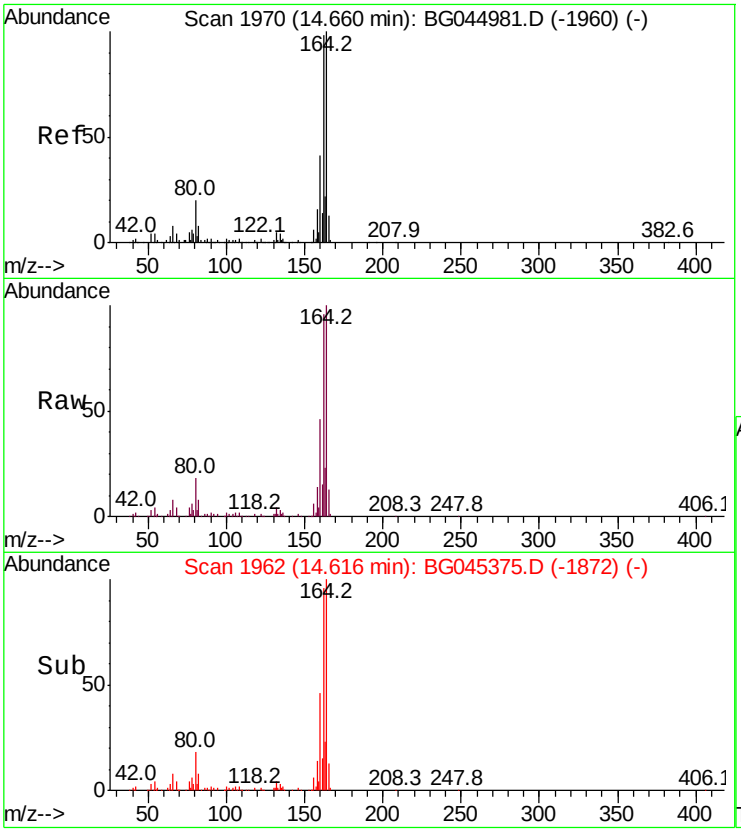


#23
Nitrobenzene-d5
Concen: 78.779 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG045375.D
Acq: 14 May 2020 13:51

Tgt Ion: 82 Resp: 442361

Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.0	49.4
54	39.3	30.4	45.6



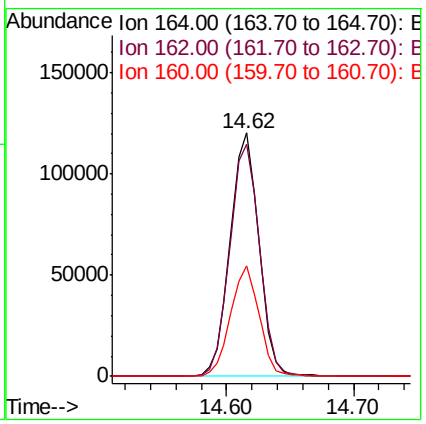


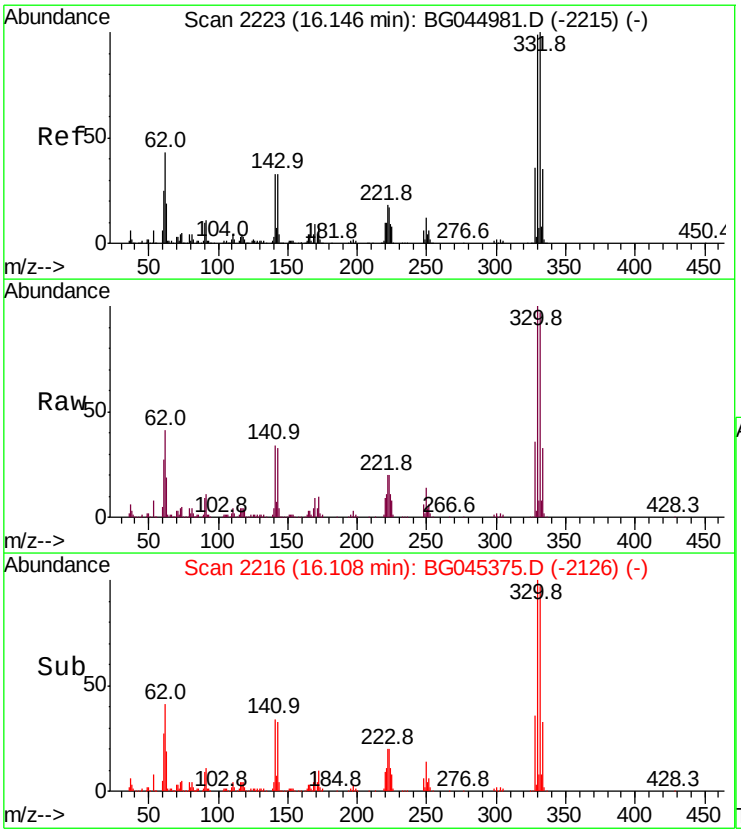
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG045375.D
Acq: 14 May 2020 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 188218

Ion	Ratio	Lower	Upper
164	100		
162	95.6	78.7	118.1
160	45.6	32.8	49.2

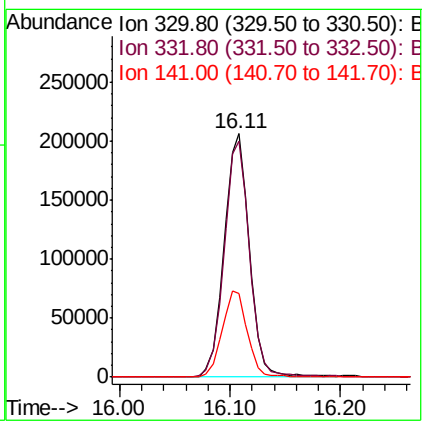


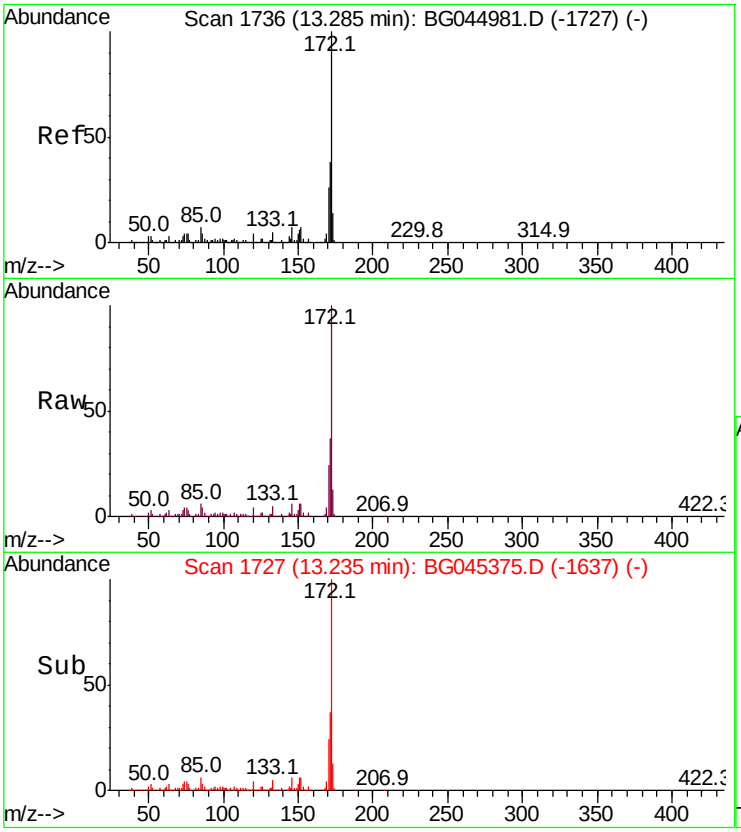


#42
2,4,6-Tribromophenol
Concen: 113.393 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG045375.D
Acq: 14 May 2020 13:51

Tgt Ion:330 Resp: 329716

Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.1	118.7
141	34.9	27.1	40.7



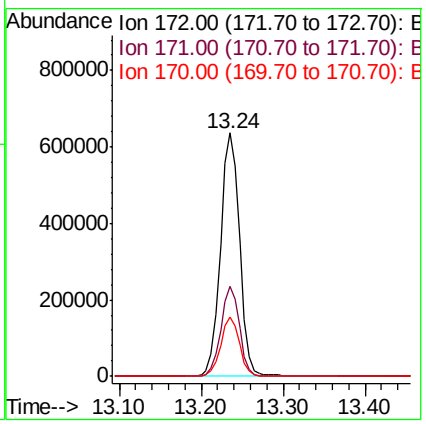


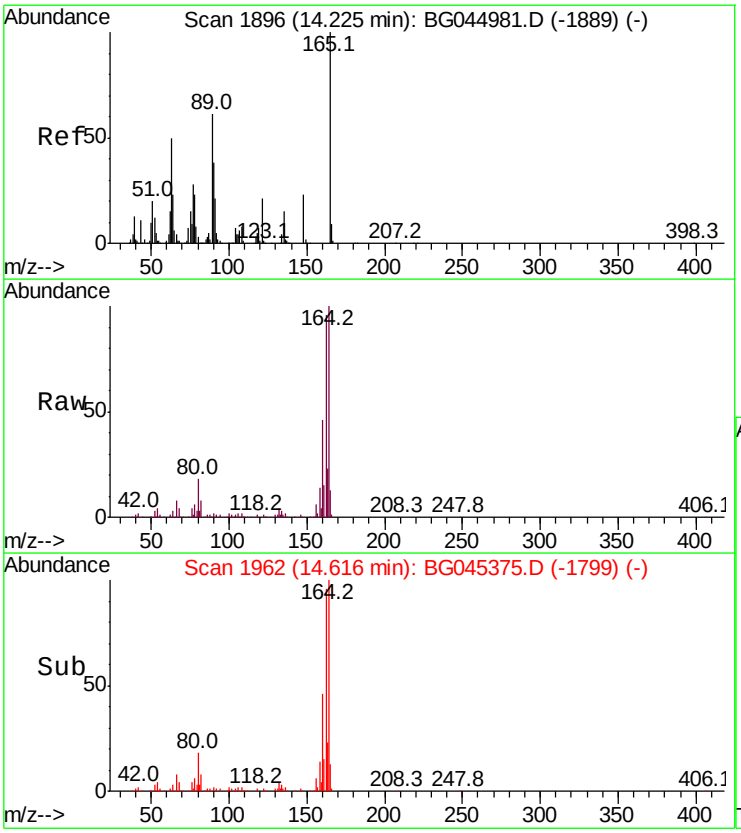
#45
2-Fluorobiphenyl
Concen: 80.503 ng
RT: 13.24 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BG045375.D
Acq: 14 May 2020 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1033349

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	46.0
170	24.3	20.5	30.7

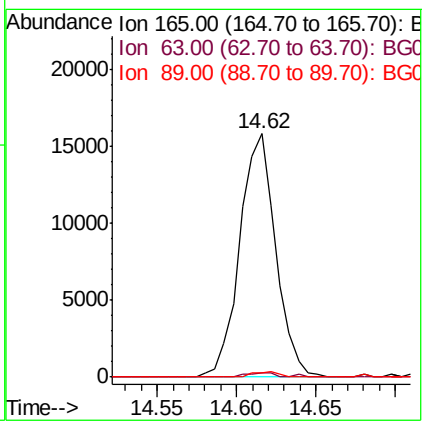


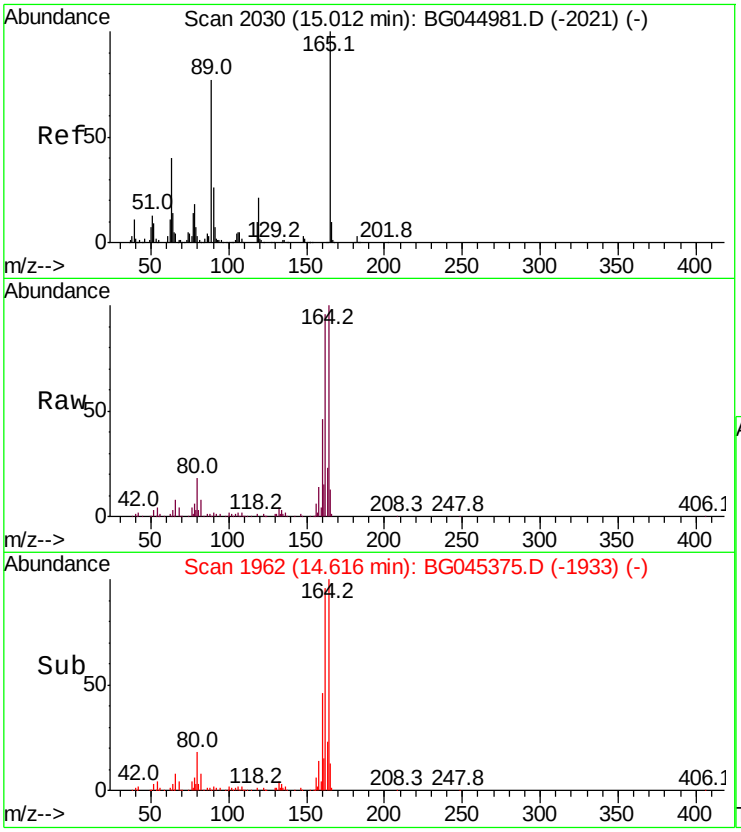


#51
2,6-Dinitrotoluene
Concen: 7.241 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.43 min
Lab File: BG045375.D
Acq: 14 May 2020 13:51

Tgt Ion:165 Resp: 24821

Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.4	60.6#
89	1.6	49.1	73.7#



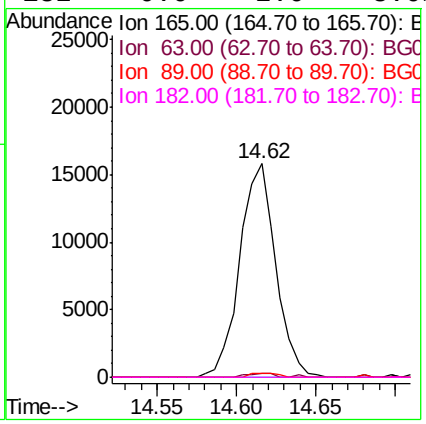


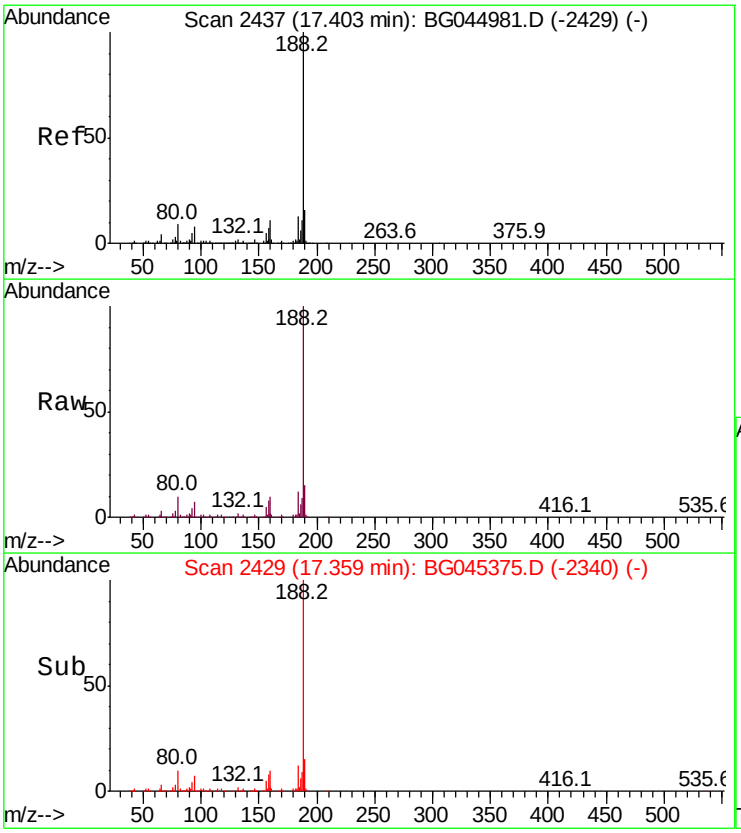
#57
2,4-Dinitrotoluene
Concen: 4.955 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.36 min
Lab File: BG045375.D
Acq: 14 May 2020 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 24821

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

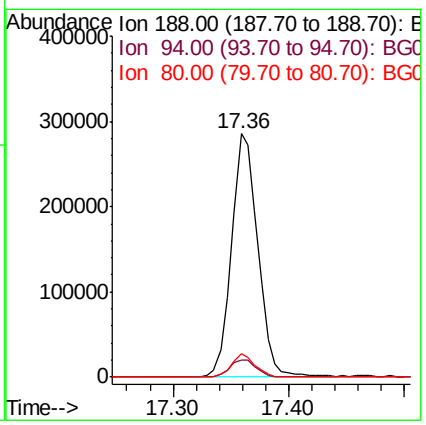


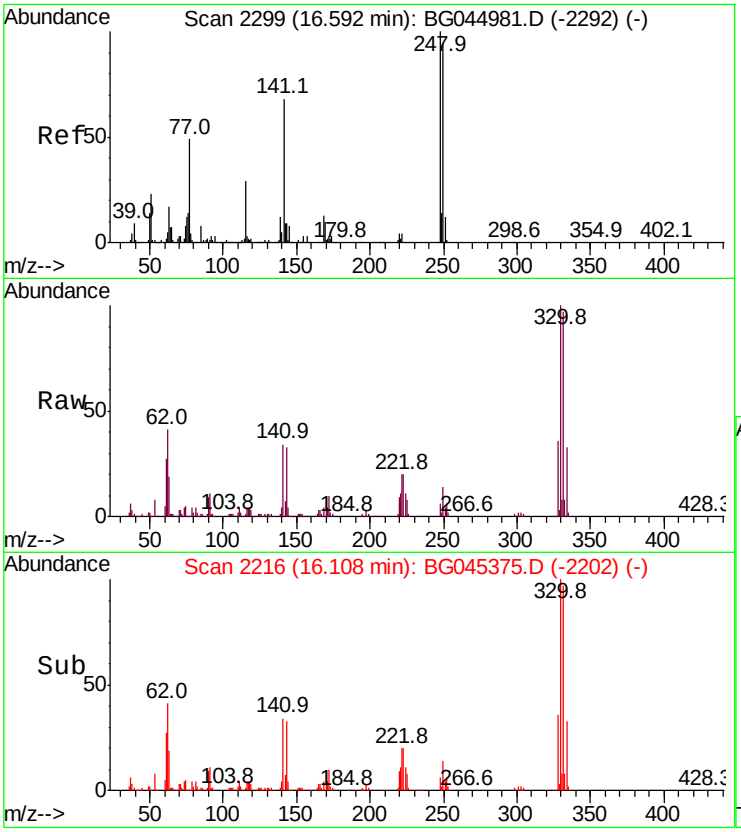


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG045375.D
Acq: 14 May 2020 13:51

Tgt Ion:188 Resp: 451034

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.2	9.4
80	9.9	7.0	10.6



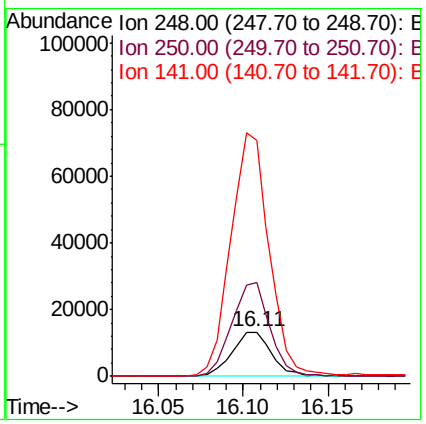


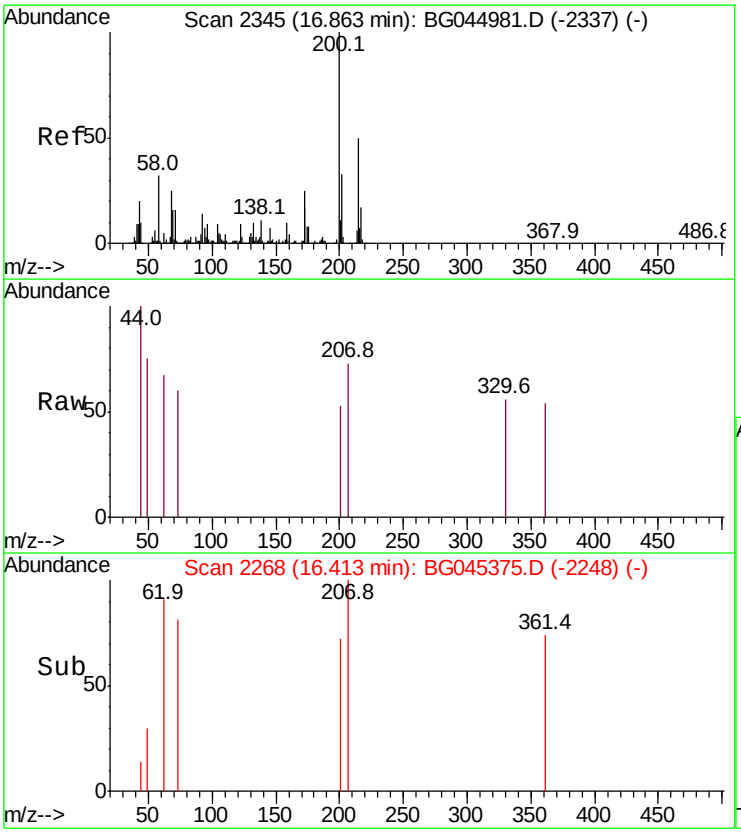
#67
4-Bromophenyl-phenylether
Concen: 3.670 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.45 min
Lab File: BG045375.D
Acq: 14 May 2020 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 21357

Ion	Ratio	Lower	Upper
248	100		
250	210.5	75.4	113.2#
141	529.4	54.4	81.6#

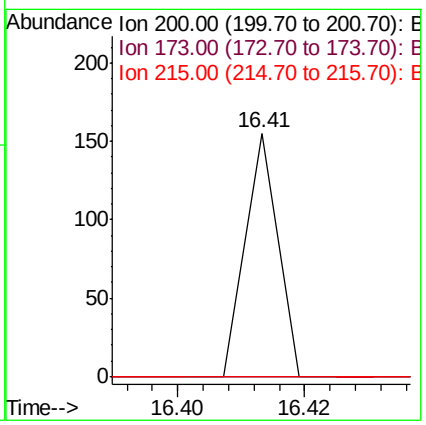


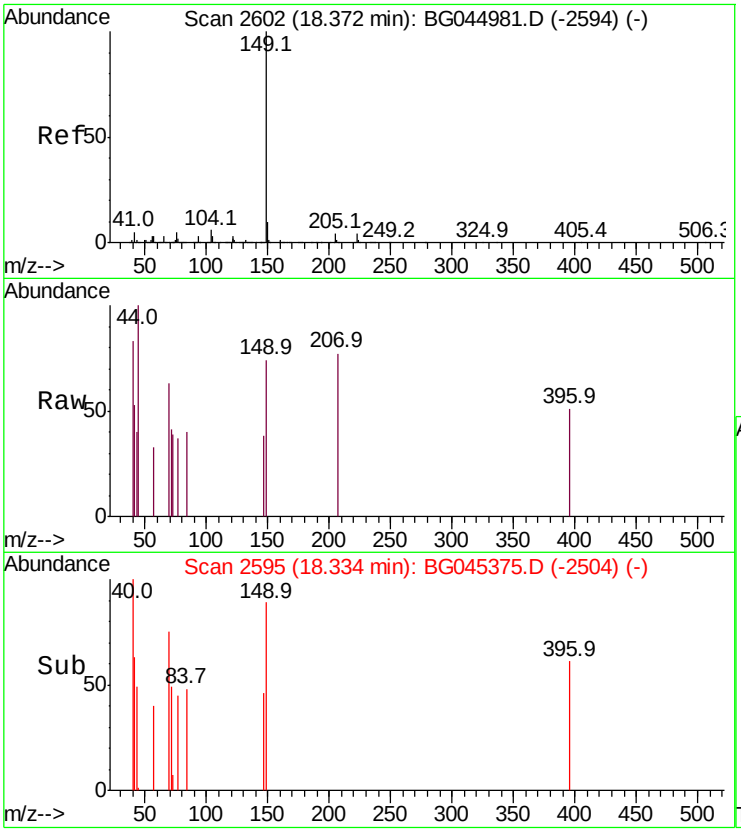


#69
Atrazine
Concen: Below Cal
RT: 16.41 min Scan# 2268
Delta R.T. -0.41 min
Lab File: BG045375.D
Acq: 14 May 2020 13:51

Tgt Ion:200 Resp: 55

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



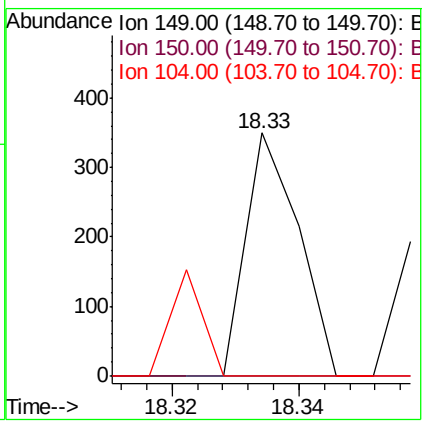


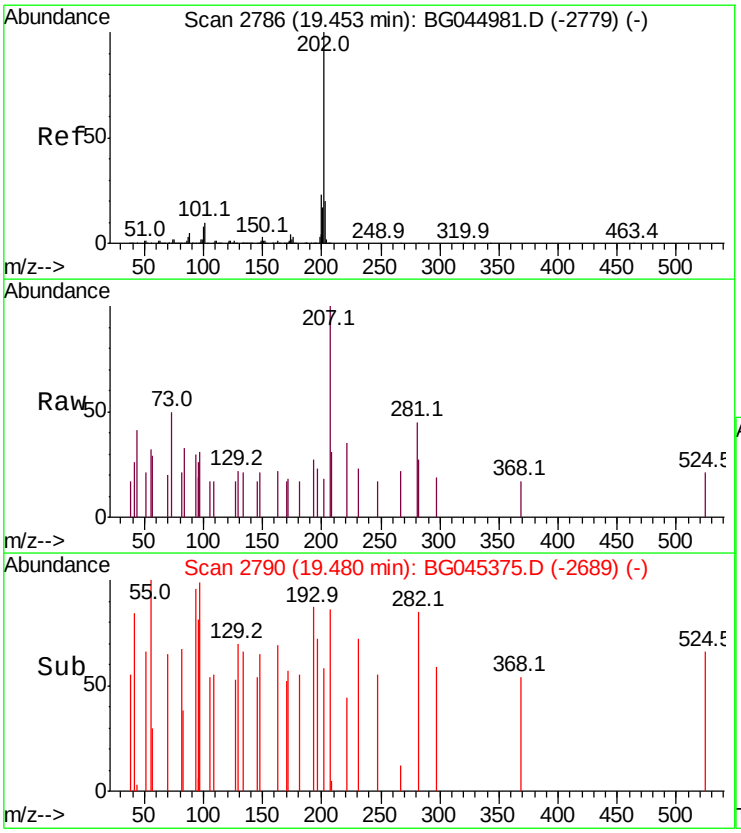
#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.33 min Scan# 2595
Delta R.T. 0.00 min
Lab File: BG045375.D
Acq: 14 May 2020 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 199

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

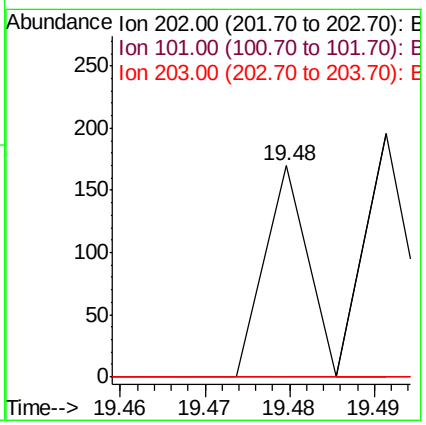


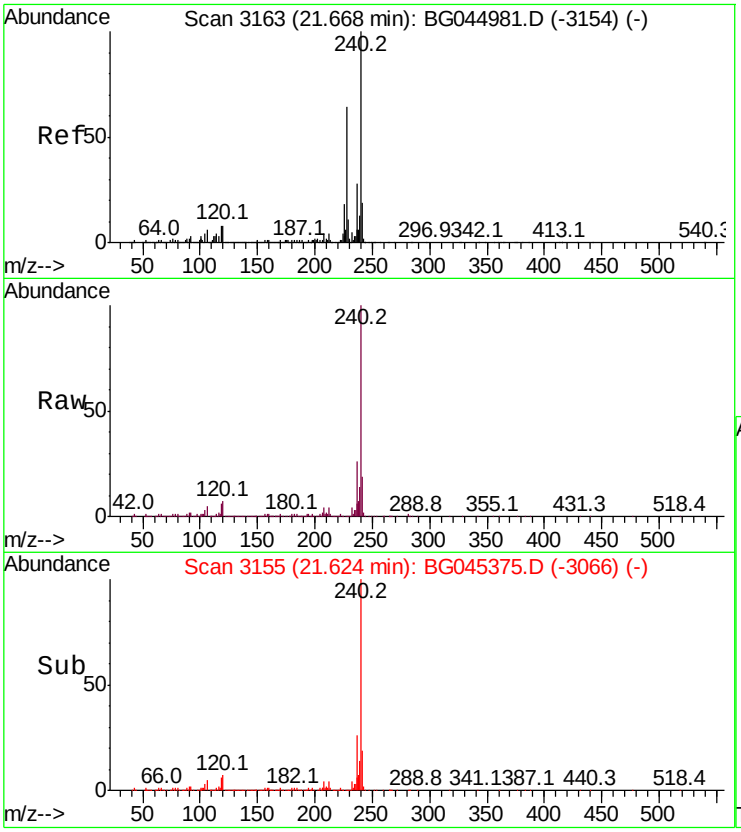


#75
Fluoranthene
Concen: Below Cal
RT: 19.48 min Scan# 2790
Delta R.T. 0.06 min
Lab File: BG045375.D
Acq: 14 May 2020 13:51

Tgt Ion:202 Resp: 60

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



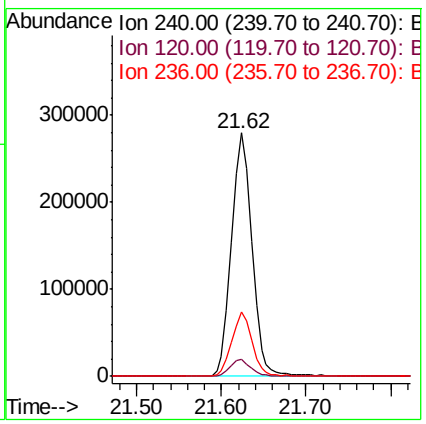


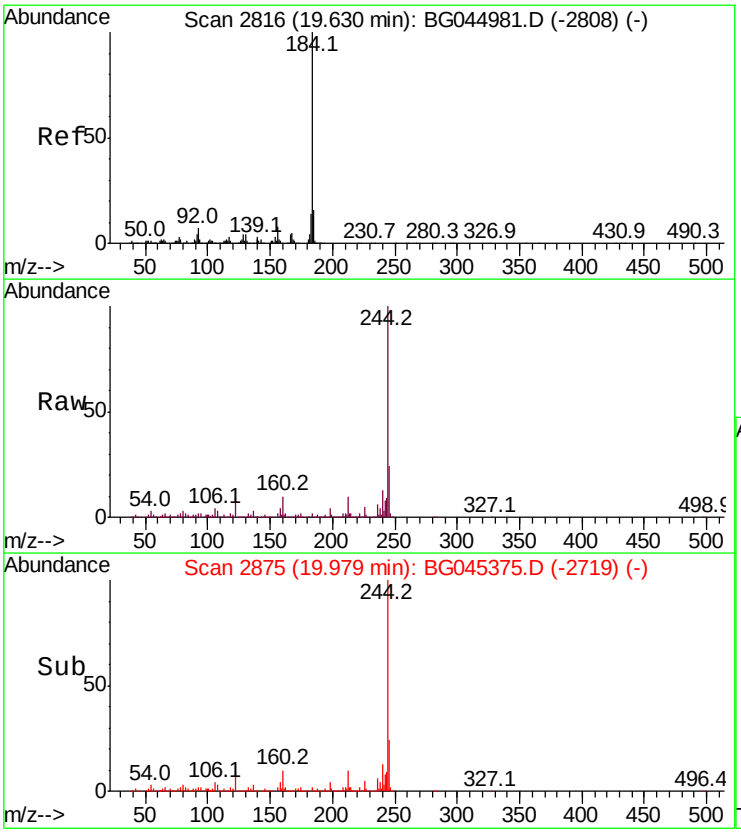
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG045375.D
Acq: 14 May 2020 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 467552

Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.6	10.0
236	26.4	22.2	33.2

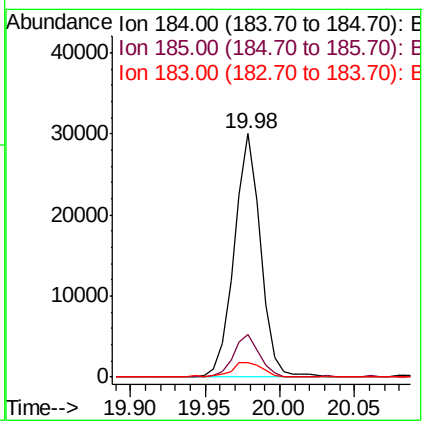


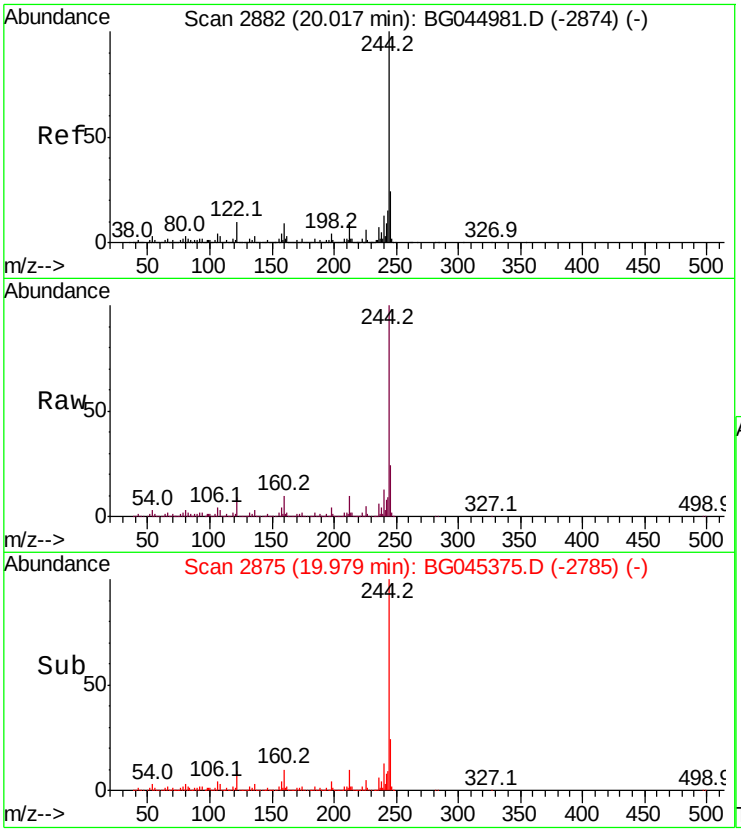


#77
Benzidine
Concen: Below Cal
RT: 19.98 min Scan# 2875
Delta R.T. 0.38 min
Lab File: BG045375.D
Acq: 14 May 2020 13:51

Tgt Ion:184 Resp: 36932

Ion	Ratio	Lower	Upper
184	100		
185	17.6	12.6	19.0
183	6.2	11.3	16.9#



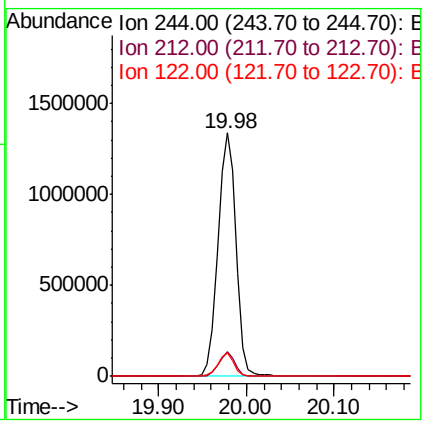


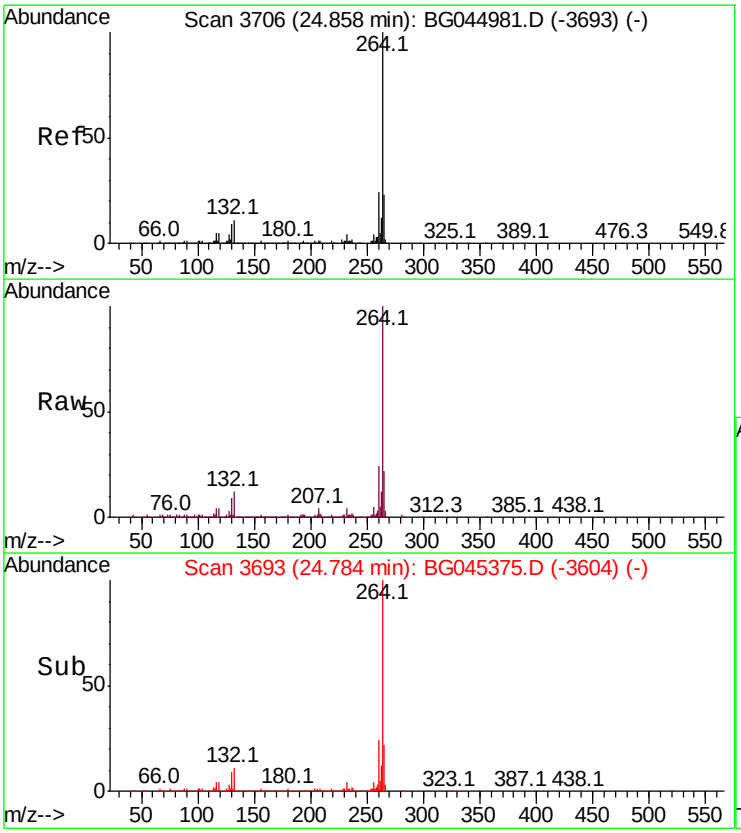
#79
Terphenyl-d14
Concen: 89.194 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG045375.D
Acq: 14 May 2020 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1913360

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.9	11.9
122	9.4	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BG045375.D
Acq: 14 May 2020 13:51

Tgt Ion:264 Resp: 496071

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.9	19.0	28.4