Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050620\
Data File : BG045251.D
Acq On : 6 May 2020 13:39
Operator : CG/JU
Sample : PB128675BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128675BL

Quant Time: May 06 14:29:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 06 12:59:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	57058	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	217880	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	157725	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	396988	20.00	ng	0.00
76) Chrysene-d12	21.64	240	390401	20.00	ng	0.00
87) Perylene-d12	24.81	264	402828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	429579	124.30	ng	0.00
7) Phenol-d6	7.14	99	605328	117.89	ng	0.00
23) Nitrobenzene-d5	9.14	82	428857	89.81	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	339063	139.15	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1022424	95.05	ng	0.00
79) Terphenyl-d14	19.99	244	1887397	105.37	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.14	77	1155	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.14	70	57120	15.730	ng	# 84
32) Benzoic acid	10.08	122	58	6.392	ng	# 1
51) 2,6-Dinitrotoluene	14.62	165	20264	7.054	ng	# 25
57) 2,4-Dinitrotoluene	14.62	165	20264	4.827	ng	# 22
67) 4-Bromophenyl-phenylether	16.12	248	23885	4.664	ng	# 1
74) Di-n-butylphthalate	18.36	149	180	Below Cal	#	1
75) Fluoranthene	19.64	202	89	Below Cal		62
77) Benzidine	19.99	184	36402	Below Cal	#	80

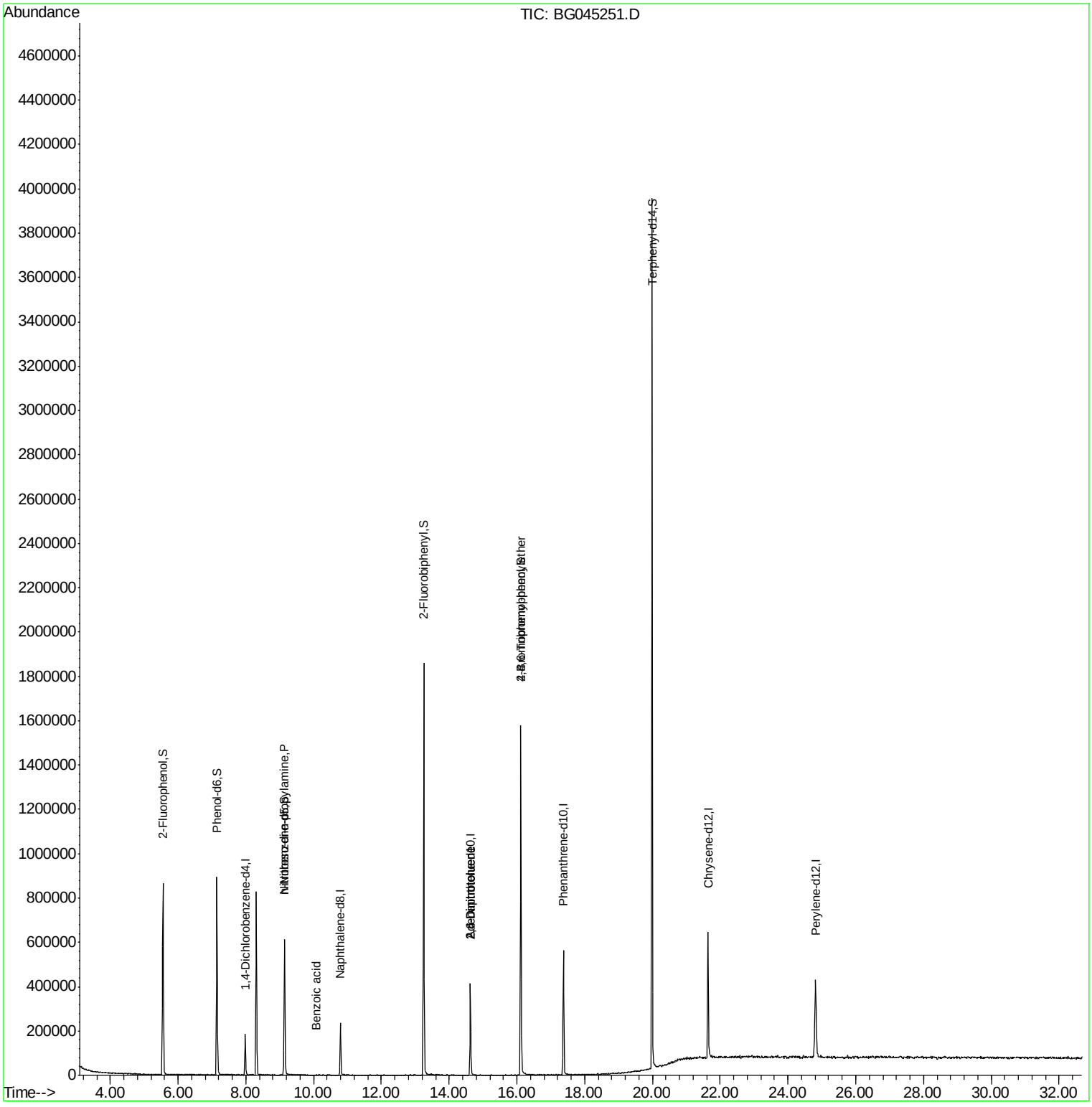
(#) = qualifier out of range (m) = manual integration (+) = signals summed

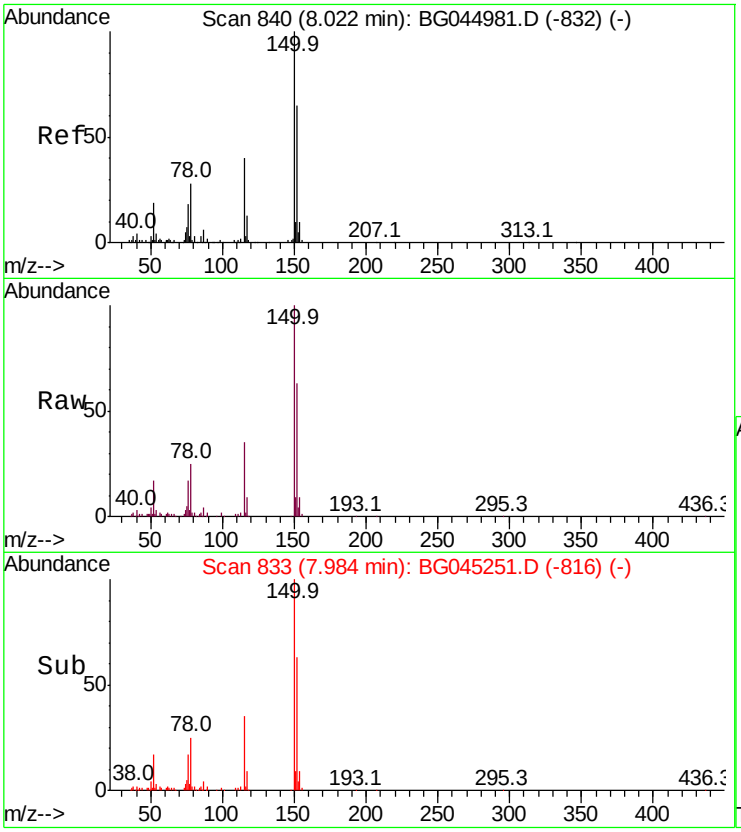
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050620\
Data File : BG045251.D
Acq On : 6 May 2020 13:39
Operator : CG/JU
Sample : PB128675BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128675BL

Quant Time: May 06 14:29:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 06 12:59:59 2020
Response via : Initial Calibration



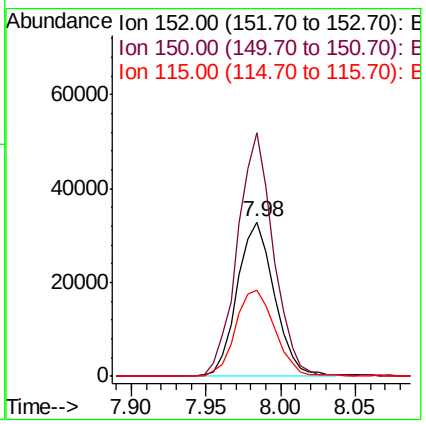


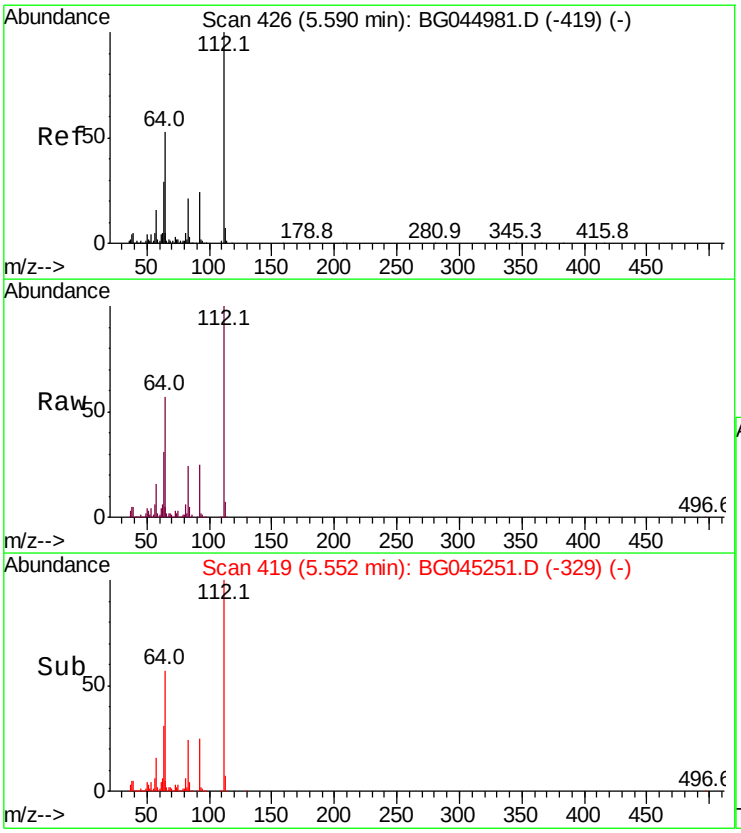
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045251.D
Acq: 6 May 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB128675BL

Tgt Ion:152 Resp: 57058

Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.6	185.4
115	55.7	49.1	73.7

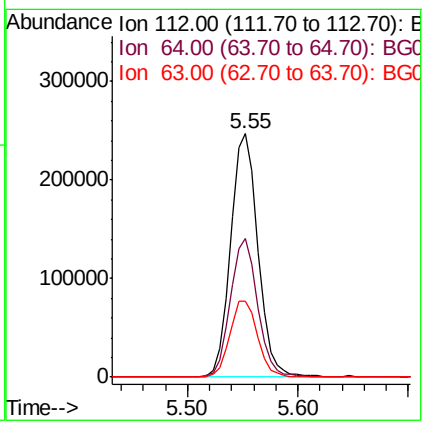


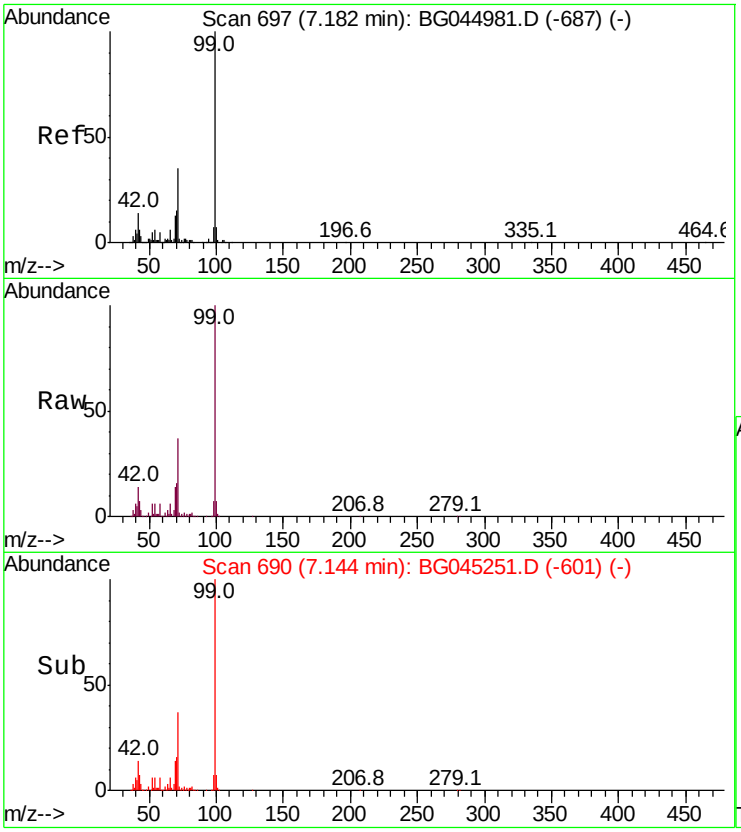


#5
2-Fluorophenol
Concen: 124.297 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045251.D
Acq: 6 May 2020 13:39

Tgt Ion:112 Resp: 429579

Ion	Ratio	Lower	Upper
112	100		
64	57.0	42.4	63.6
63	31.4	23.1	34.7



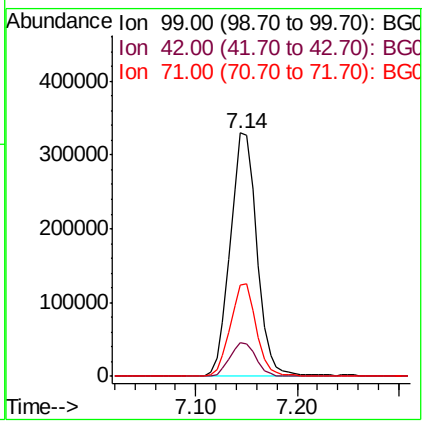


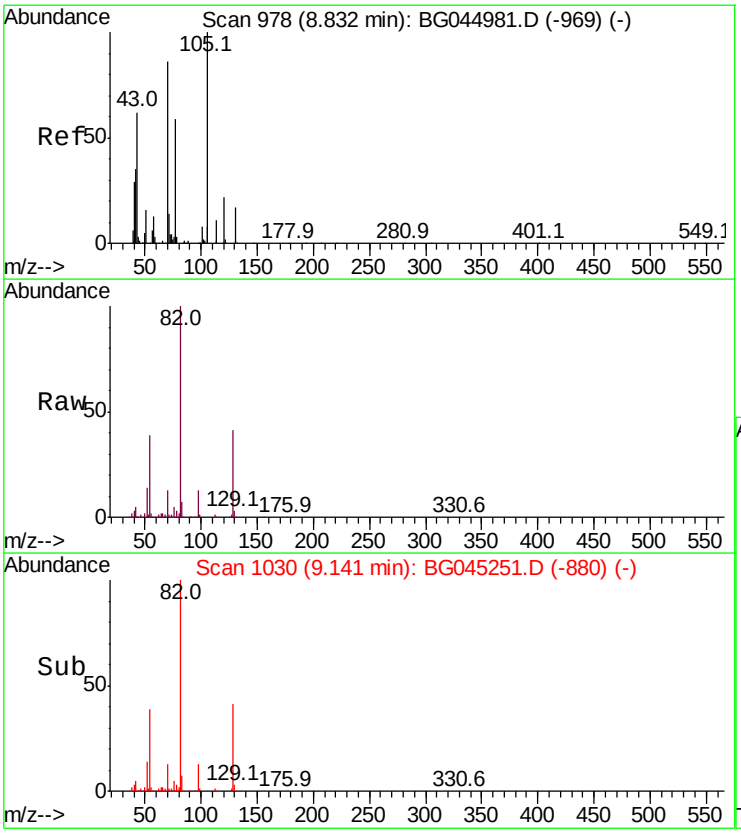
#7
Phenol-d6
Concen: 117.886 ng
RT: 7.14 min Scan# 690
Delta R.T. -0.01 min
Lab File: BG045251.D
Acq: 6 May 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB128675BL

Tgt Ion: 99 Resp: 605328

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.3	16.9
71	37.4	28.3	42.5

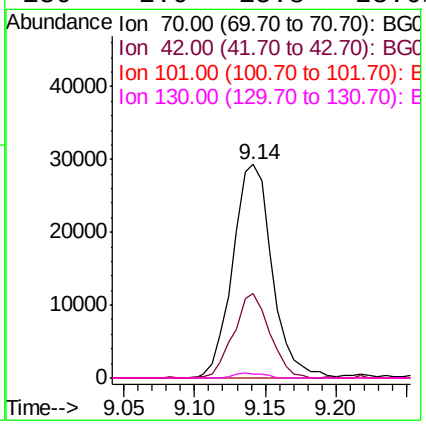


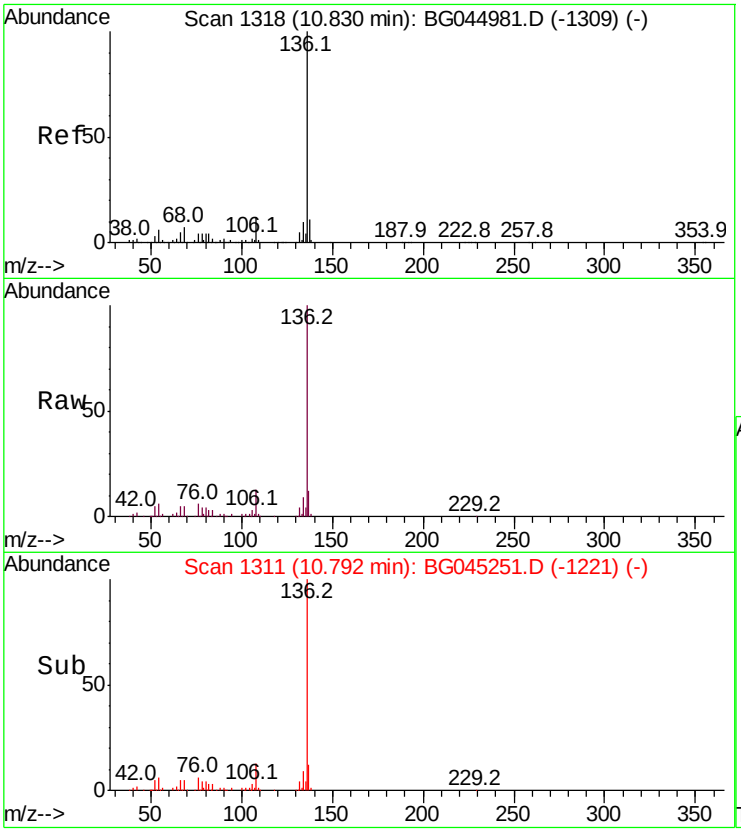


#19
n-Nitroso-di-n-propylamine
Concen: 15.730 ng
RT: 9.14 min Scan# 1030
Delta R.T. 0.35 min
Lab File: BG045251.D
Acq: 6 May 2020 13:39

Tgt Ion: 70 Resp: 57120

Ion	Ratio	Lower	Upper
70	100		
42	39.6	33.3	49.9
101	0.0	7.8	11.8#
130	2.0	15.8	23.6#



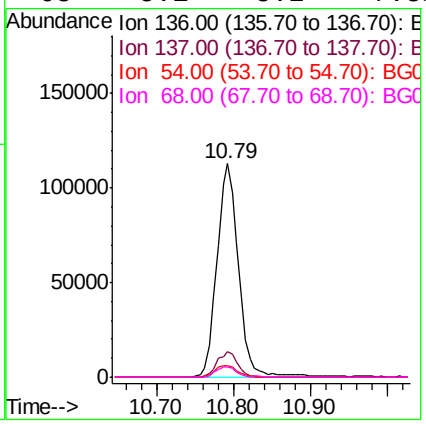


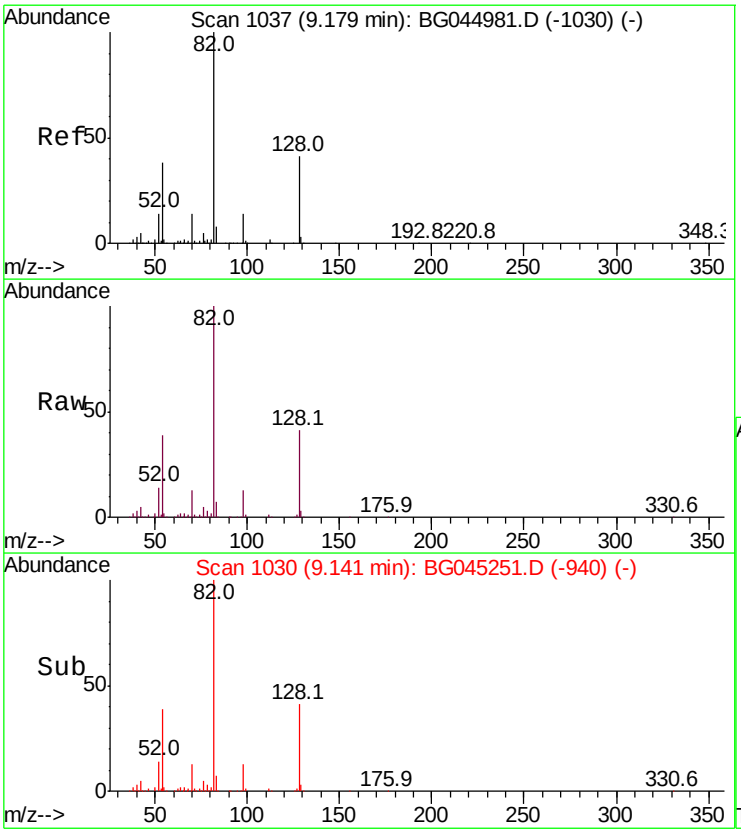
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG045251.D
Acq: 6 May 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB128675BL

Tgt Ion:136 Resp: 217880

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.6	13.0
54	5.7	4.8	7.2
68	5.1	5.2	7.8#

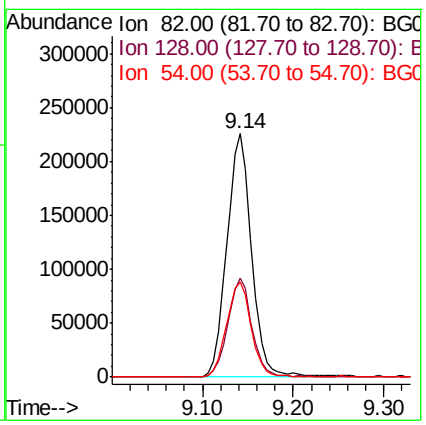


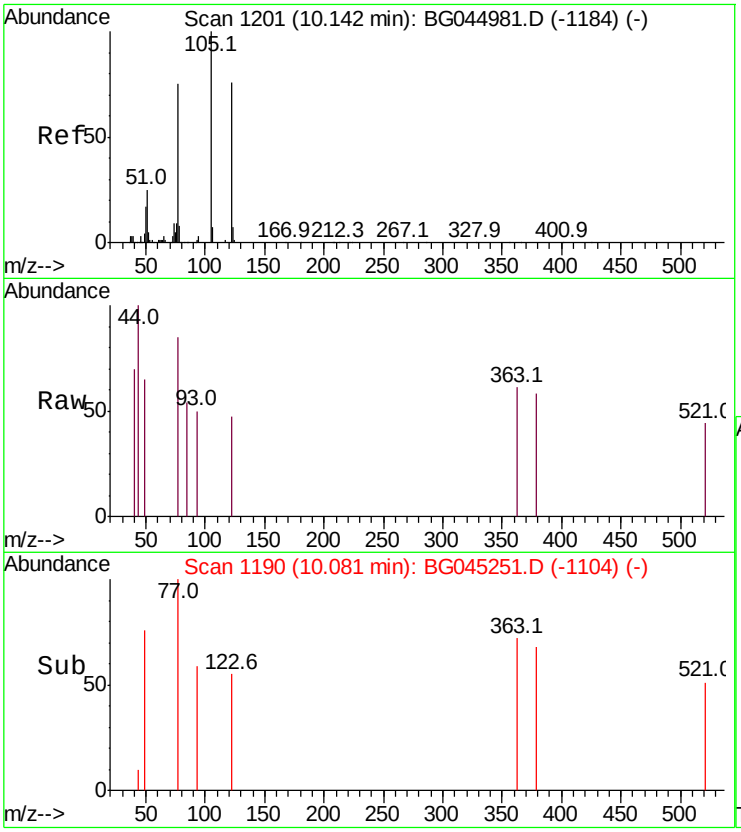


#23
Nitrobenzene-d5
Concen: 89.812 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG045251.D
Acq: 6 May 2020 13:39

Tgt Ion: 82 Resp: 428857

Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.0	49.4
54	39.0	30.4	45.6



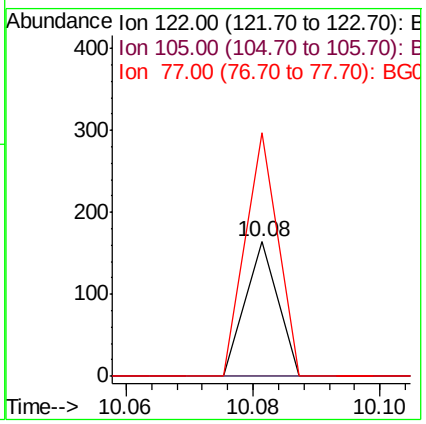


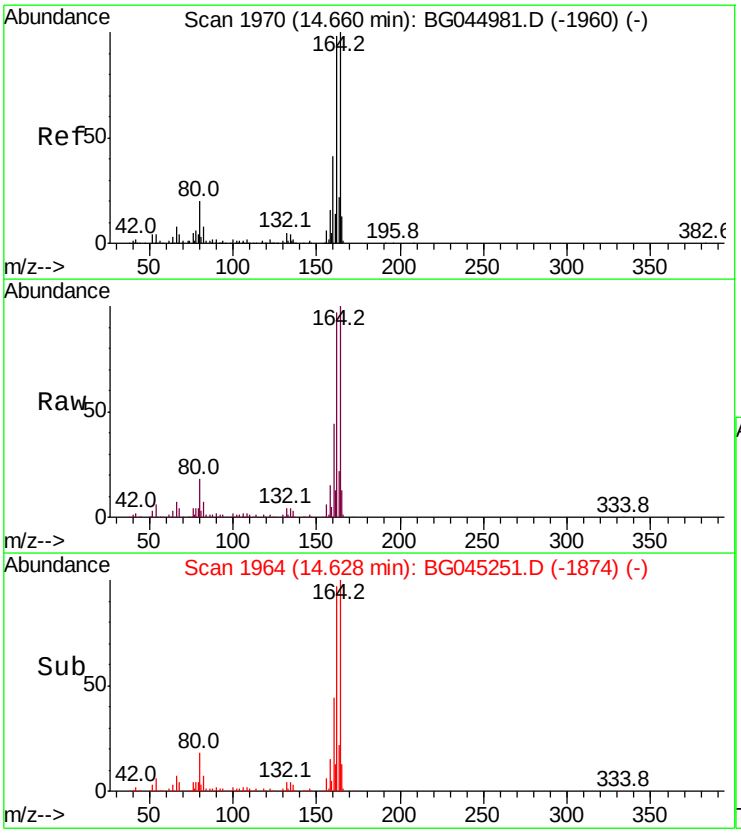
#32
Benzoic acid
Concen: 6.392 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG045251.D
Acq: 6 May 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB128675BL

Tgt Ion:122 Resp: 58

Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.4	148.4#
77	181.1	78.8	118.8#

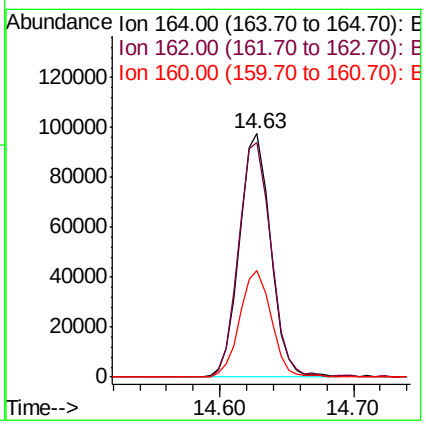


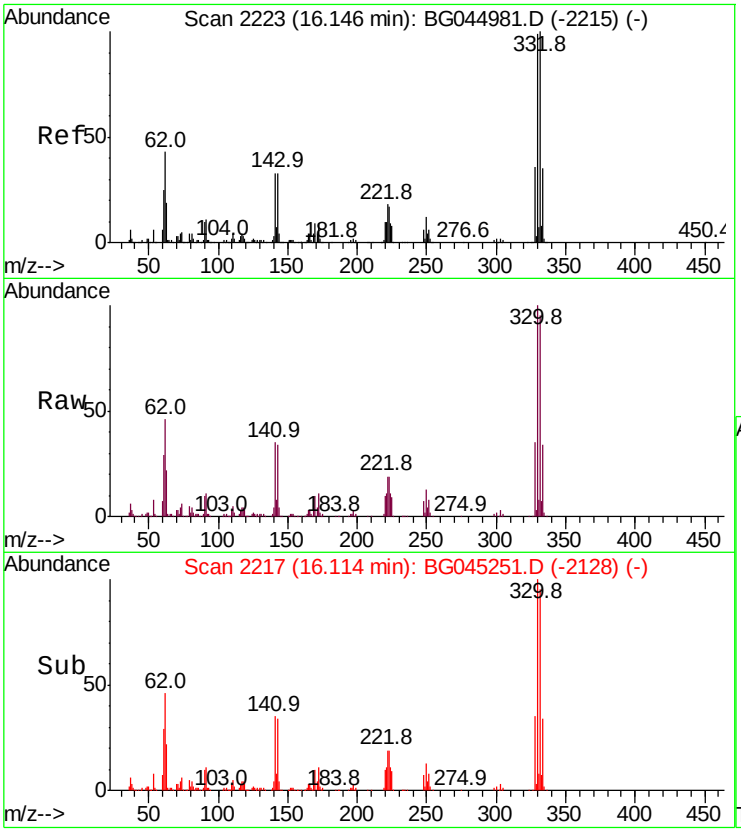


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG045251.D
Acq: 6 May 2020 13:39

Tgt Ion:164 Resp: 157725

Ion	Ratio	Lower	Upper
164	100		
162	96.6	78.7	118.1
160	43.6	32.8	49.2



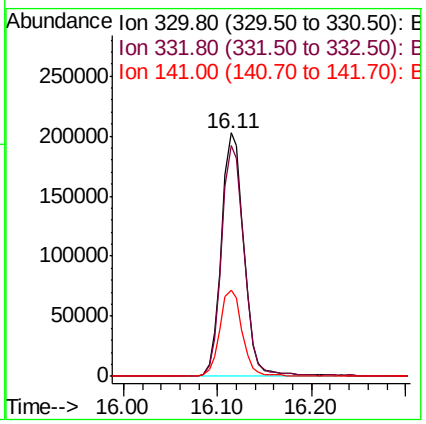


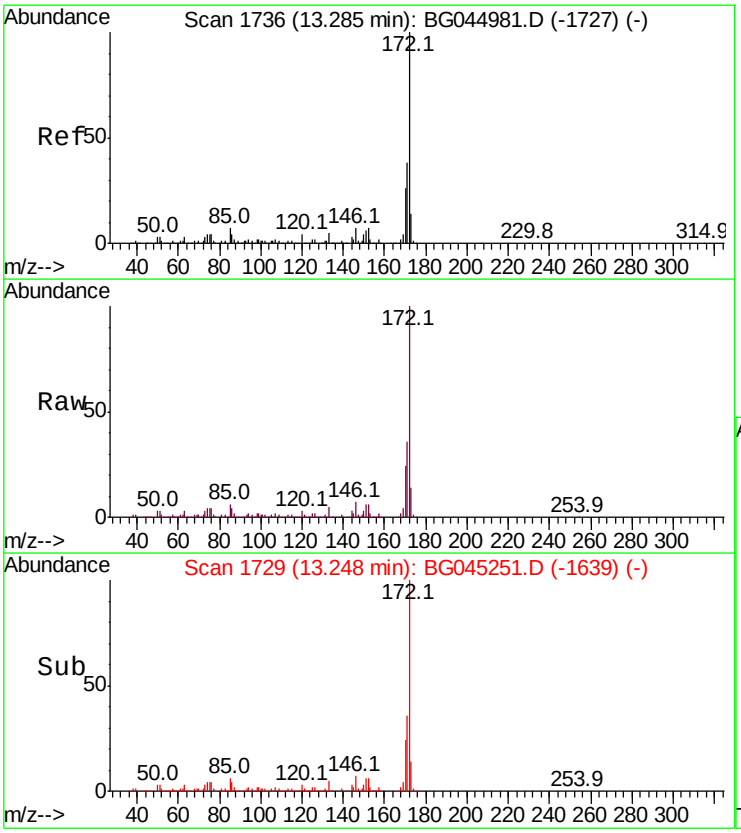
#42
2,4,6-Tribromophenol
Concen: 139.152 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BG045251.D
Acq: 6 May 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB128675BL

Tgt Ion:330 Resp: 339063

Ion	Ratio	Lower	Upper
330	100		
332	95.2	79.1	118.7
141	35.3	27.1	40.7

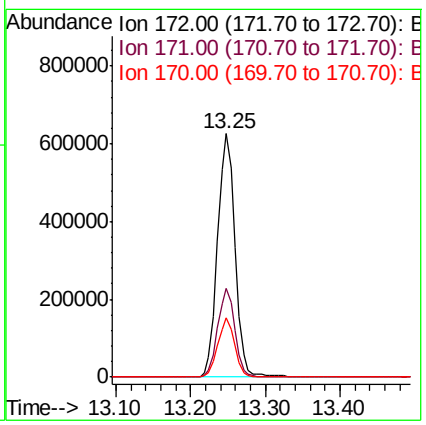


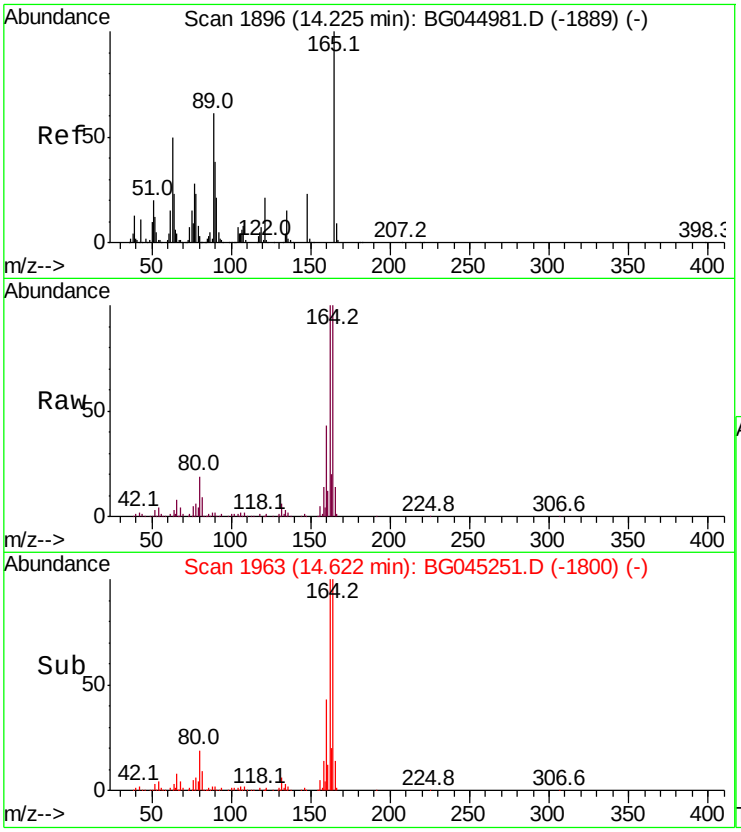


#45
2-Fluorobiphenyl
Concen: 95.051 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BG045251.D
Acq: 6 May 2020 13:39

Tgt Ion:172 Resp: 1022424

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.6	46.0
170	24.1	20.5	30.7



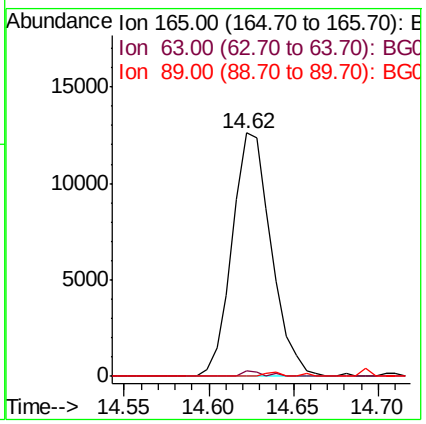


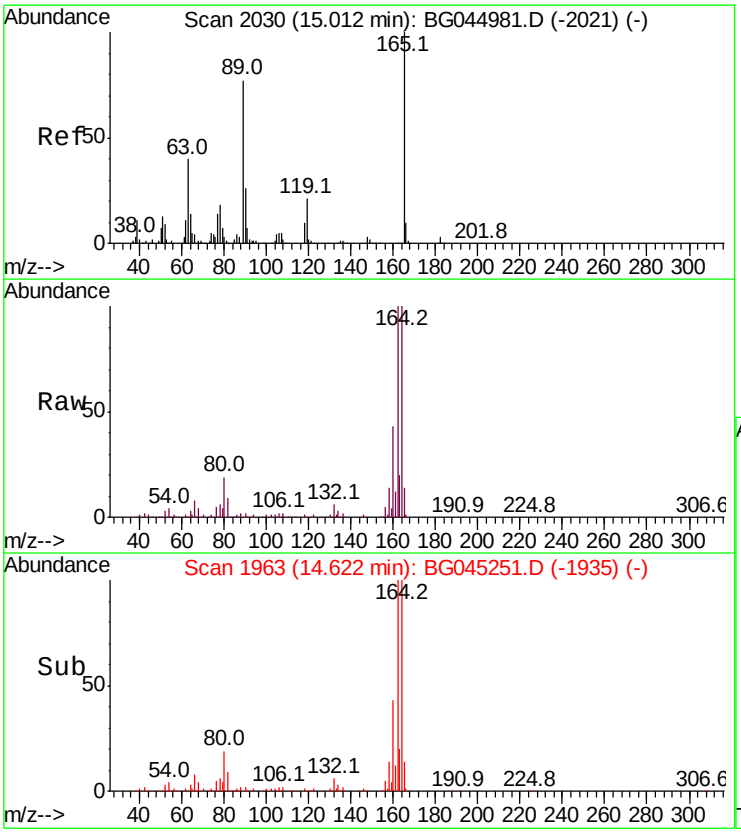
#51
2,6-Dinitrotoluene
Concen: 7.054 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.43 min
Lab File: BG045251.D
Acq: 6 May 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB128675BL

Tgt Ion:165 Resp: 20264

Ion	Ratio	Lower	Upper
165	100		
63	2.3	40.4	60.6#
89	0.0	49.1	73.7#

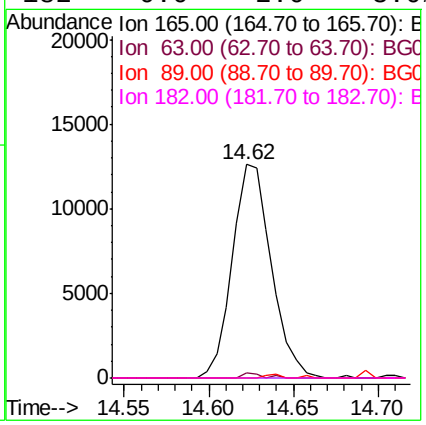


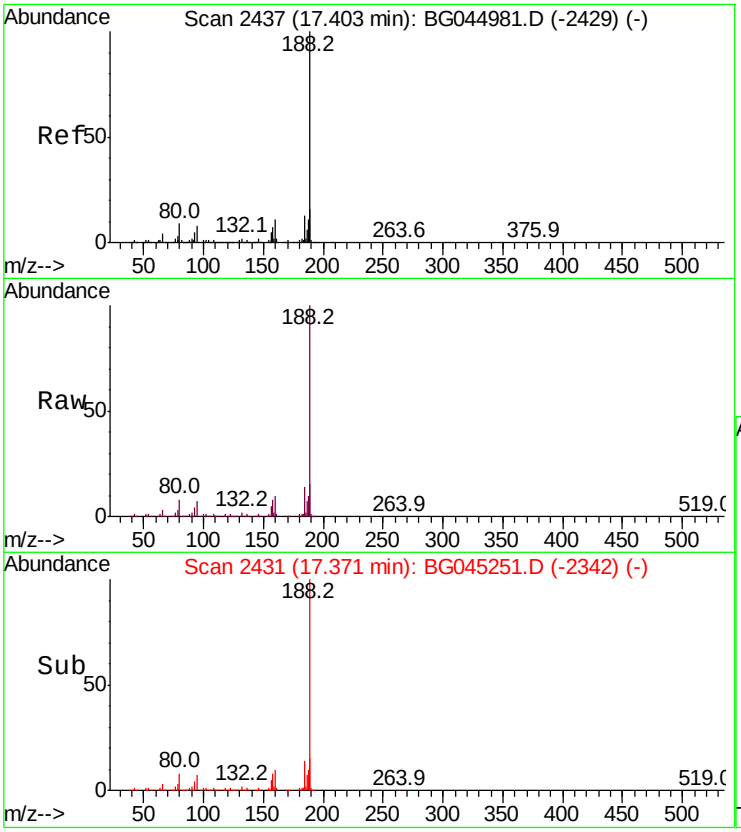


#57
2,4-Dinitrotoluene
Concen: 4.827 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.37 min
Lab File: BG045251.D
Acq: 6 May 2020 13:39

Tgt Ion:165 Resp: 20264

Ion	Ratio	Lower	Upper
165	100		
63	2.3	32.2	48.2#
89	0.0	61.7	92.5#
182	0.0	2.0	3.0#



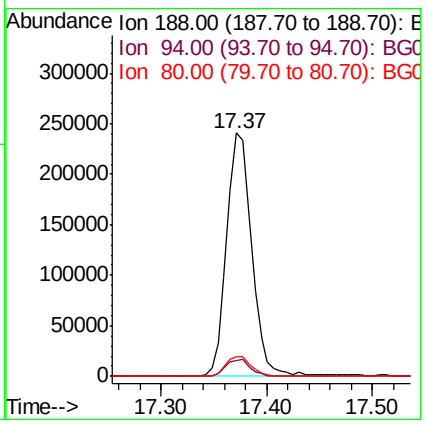


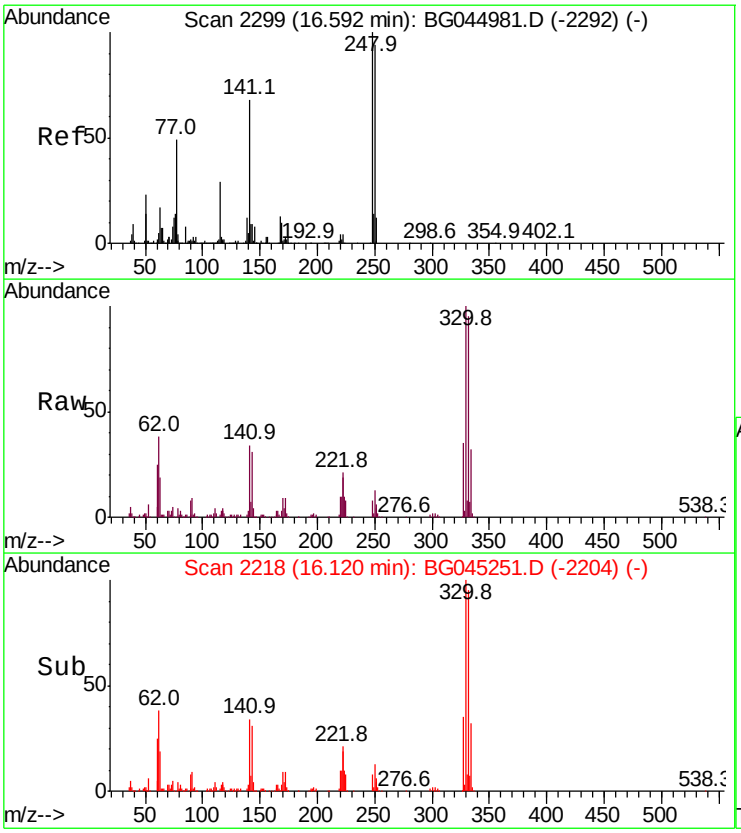
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG045251.D
Acq: 6 May 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB128675BL

Tgt Ion:188 Resp: 396988

Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.2	9.4
80	8.0	7.0	10.6

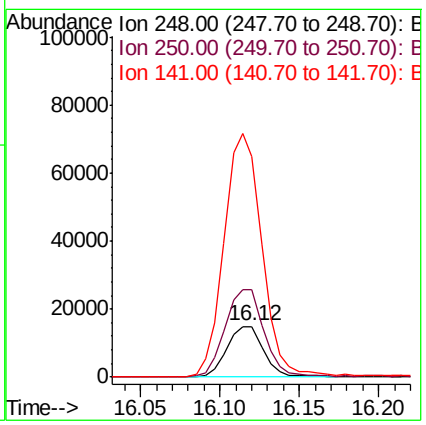


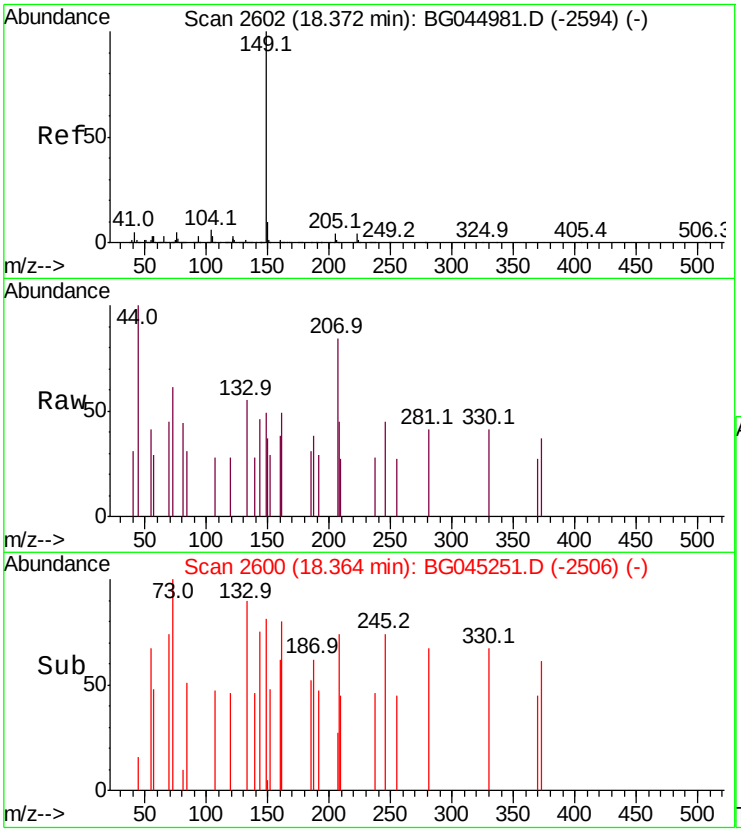


#67
4-Bromophenyl-phenylether
Concen: 4.664 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.45 min
Lab File: BG045251.D
Acq: 6 May 2020 13:39

Tgt Ion:248 Resp: 23885

Ion	Ratio	Lower	Upper
248	100		
250	171.2	75.4	113.2#
141	435.1	54.4	81.6#



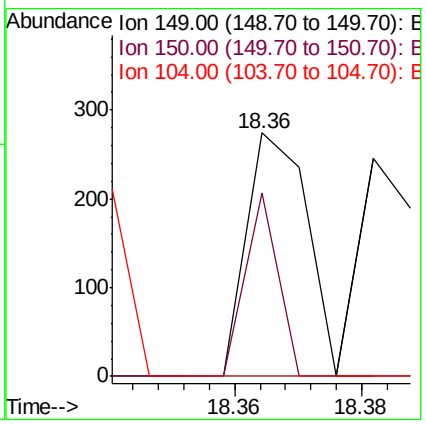


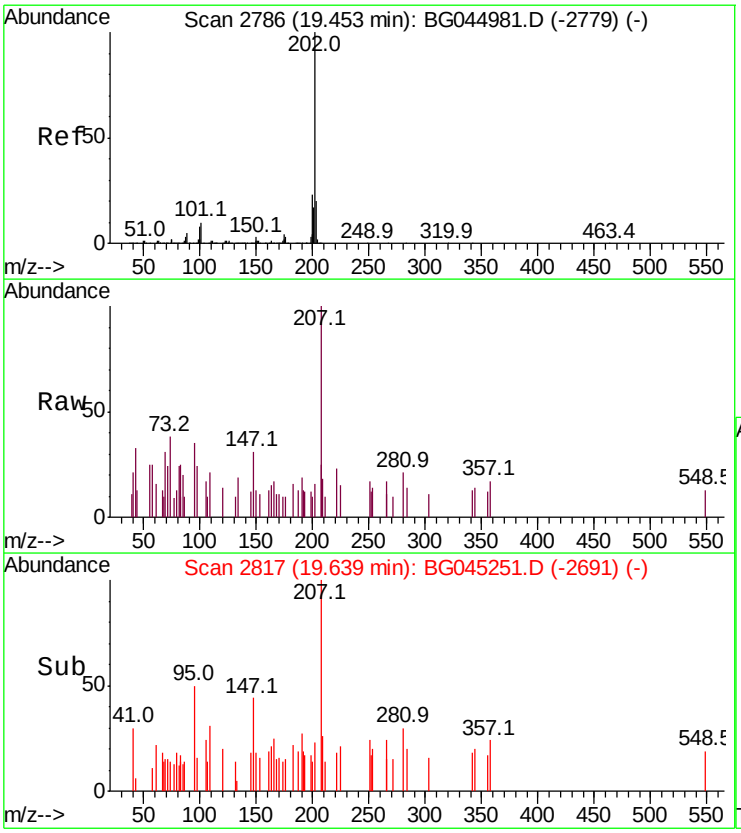
#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.36 min Scan# 2600
Delta R.T. 0.02 min
Lab File: BG045251.D
Acq: 6 May 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB128675BL

Tgt Ion:149 Resp: 180

Ion	Ratio	Lower	Upper
149	100		
150	75.5	8.2	12.2#
104	0.0	4.8	7.2#

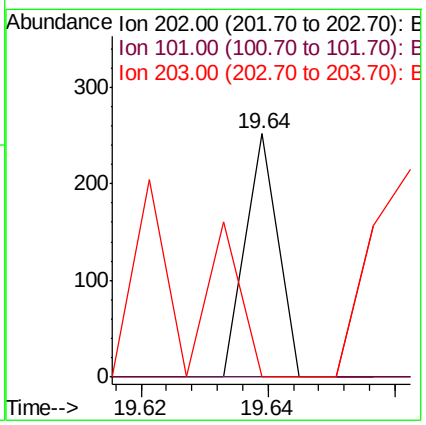


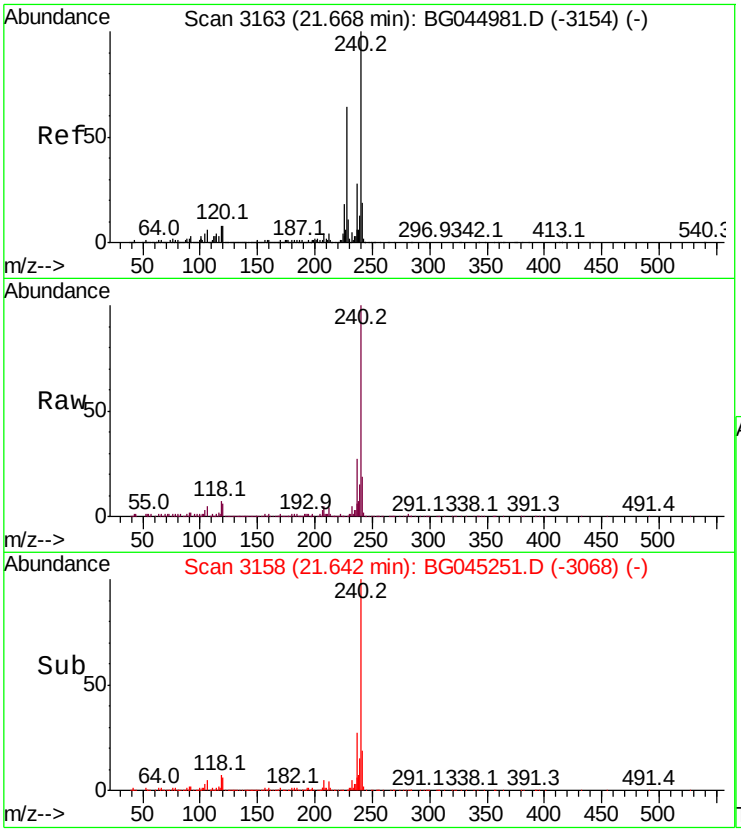


#75
Fluoranthene
Concen: Below Cal
RT: 19.64 min Scan# 2817
Delta R.T. 0.21 min
Lab File: BG045251.D
Acq: 6 May 2020 13:39

Tgt Ion:202 Resp: 89

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



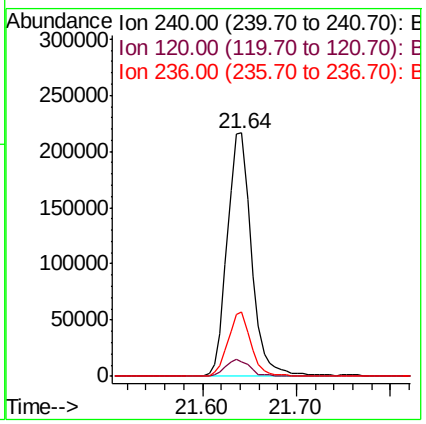


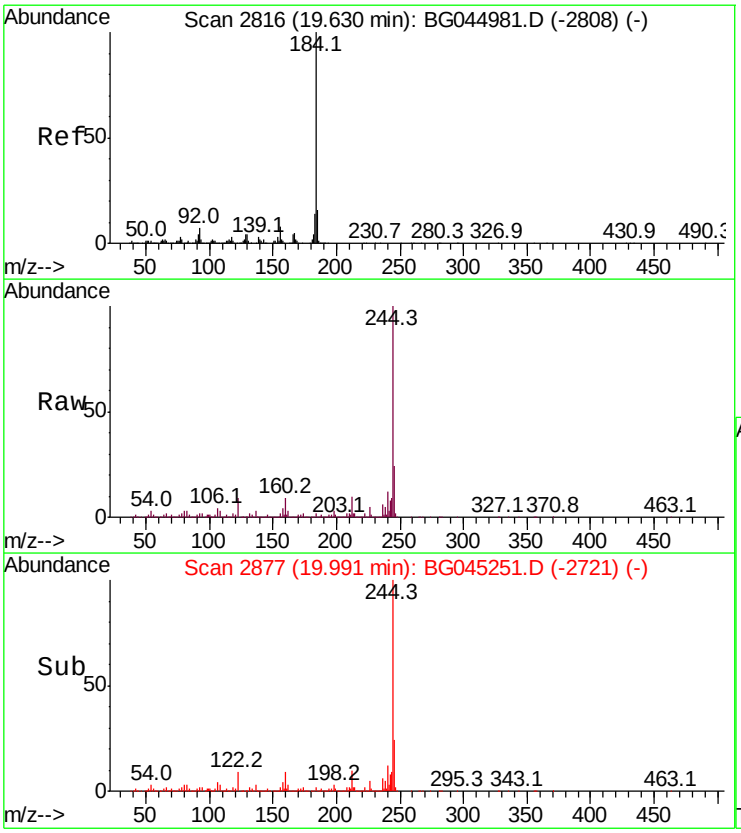
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG045251.D
Acq: 6 May 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB128675BL

Tgt Ion:240 Resp: 390401

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.6	10.0#
236	26.6	22.2	33.2

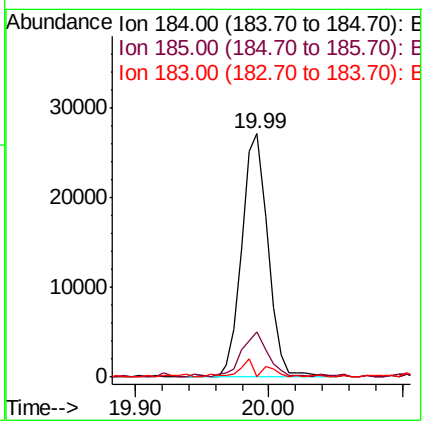


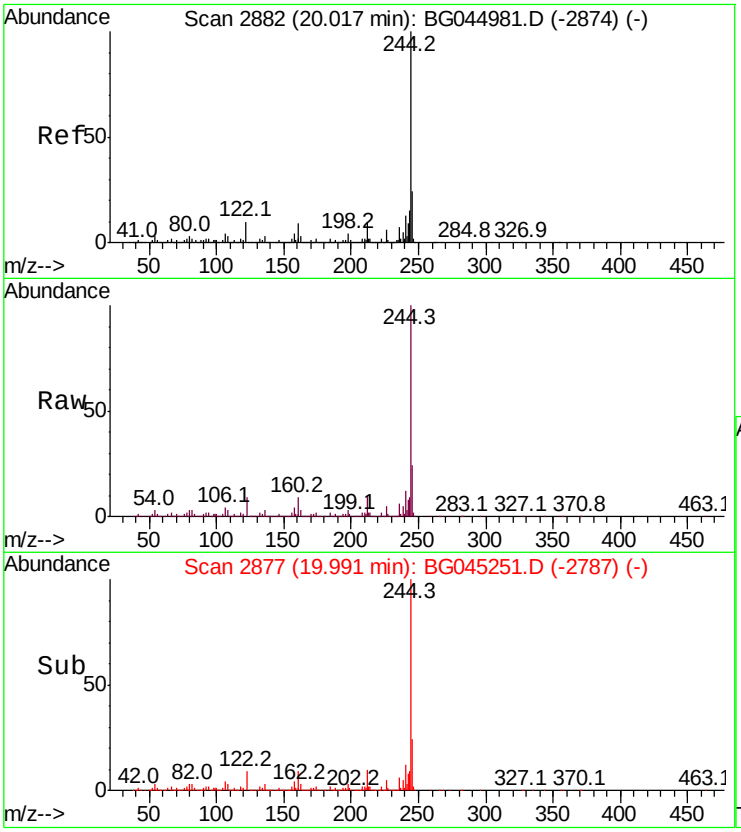


#77
Benzidine
Concen: Below Cal
RT: 19.99 min Scan# 2877
Delta R.T. 0.39 min
Lab File: BG045251.D
Acq: 6 May 2020 13:39

Tgt Ion:184 Resp: 36402

Ion	Ratio	Lower	Upper
184	100		
185	18.5	12.6	19.0
183	0.0	11.3	16.9#



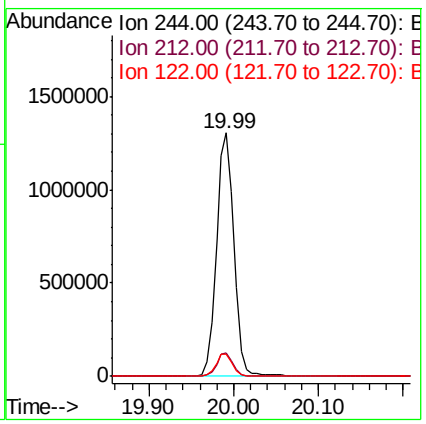


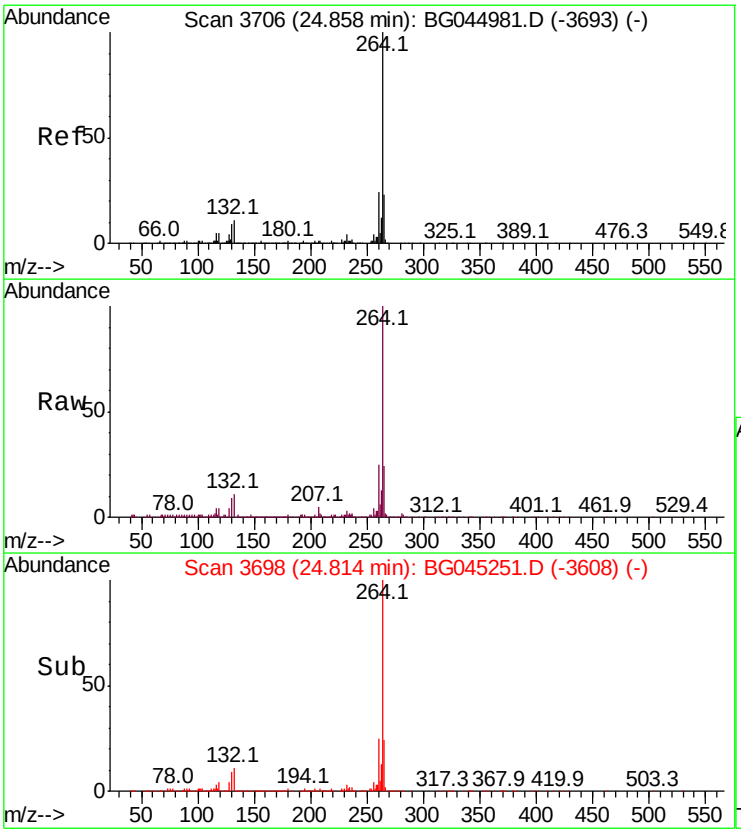
#79
Terphenyl-d14
Concen: 105.371 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.00 min
Lab File: BG045251.D
Acq: 6 May 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB128675BL

Tgt Ion:244 Resp: 1887397

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.9	11.9
122	9.3	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3698
Delta R.T. -0.00 min
Lab File: BG045251.D
Acq: 6 May 2020 13:39

Tgt Ion:264 Resp: 402828

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	23.9	19.0	28.4