Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG041720\
Data File : BG045033.D
Acq On : 17 Apr 2020 15:07
Operator : CG/JU
Sample : L2284-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-12-SA

Quant Time: Apr 17 15:57:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	66207	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	283487	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	215745	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	543535	20.00	ng	0.00
76) Chrysene-d12	21.66	240	517126	20.00	ng	0.00
87) Perylene-d12	24.85	264	423806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	585683	146.05	ng	0.00
7) Phenol-d6	7.18	99	837431	140.55	ng	0.00
23) Nitrobenzene-d5	9.18	82	613596	98.76	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	527258	158.19	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1481883	100.72	ng	0.00
79) Terphenyl-d14	20.01	244	2518626	106.15	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.13	77	179	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.18	70	82948	19.685	ng	# 80
32) Benzoic acid	10.16	122	57	6.388	ng	# 1
51) 2,6-Dinitrotoluene	14.66	165	29185	7.428	ng	# 25
57) 2,4-Dinitrotoluene	14.66	165	29185	5.083	ng	# 22
67) 4-Bromophenyl-phenylether	16.14	248	35414	5.050	ng	# 1
69) Atrazine	16.76	200	59	Below Cal	#	35
74) Di-n-butylphthalate	18.36	149	1042	Below Cal	#	76
75) Fluoranthene	19.45	202	343	Below Cal		62
77) Benzidine	20.01	184	51272	Below Cal	#	91

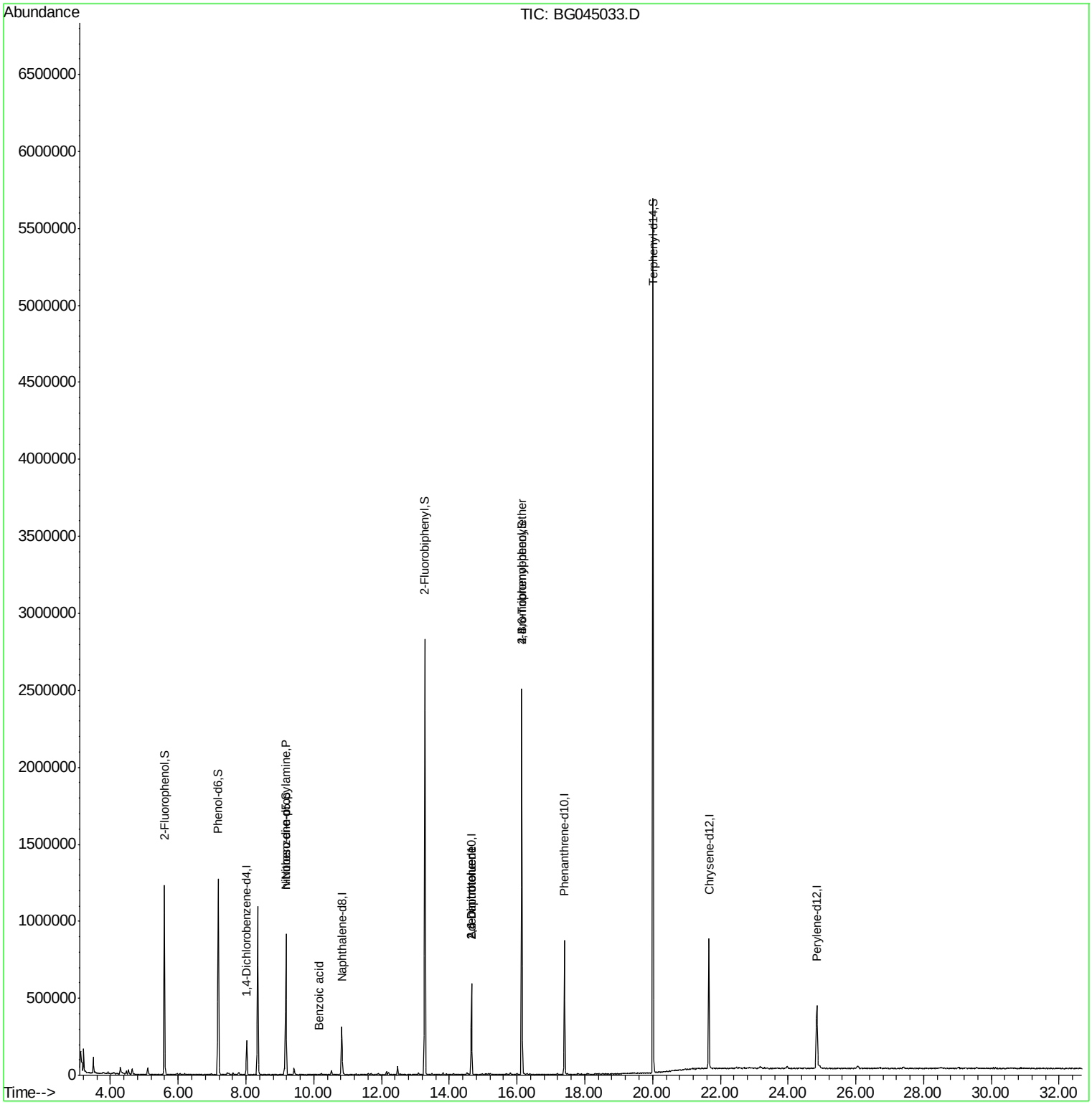
(#) = qualifier out of range (m) = manual integration (+) = signals summed

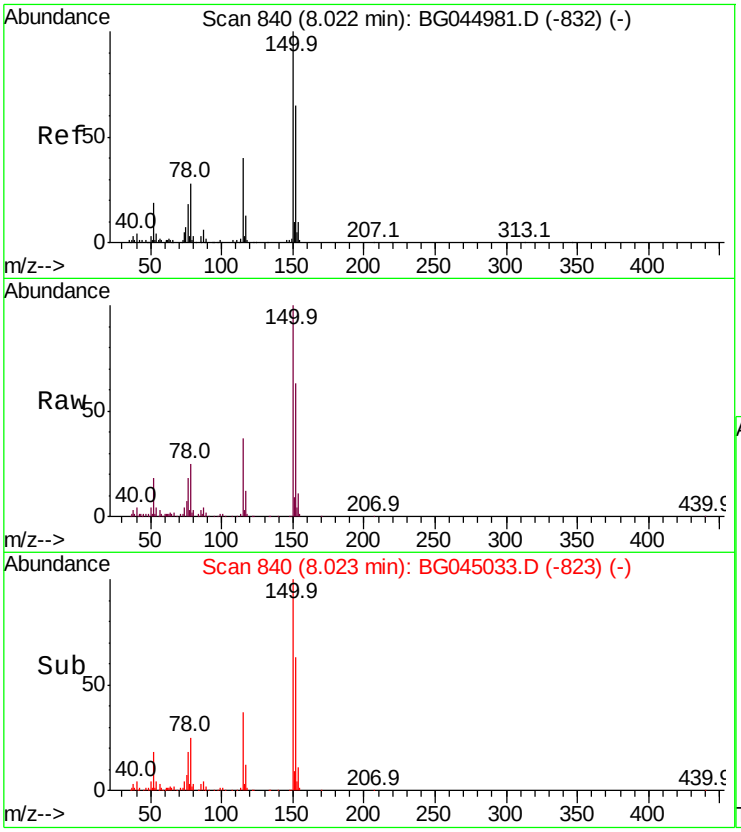
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG041720\
Data File : BG045033.D
Acq On : 17 Apr 2020 15:07
Operator : CG/JU
Sample : L2284-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-12-SA

Quant Time: Apr 17 15:57:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration



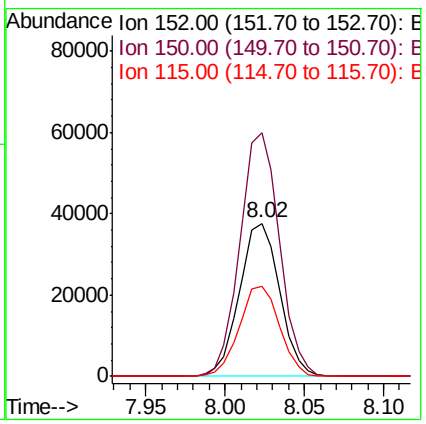


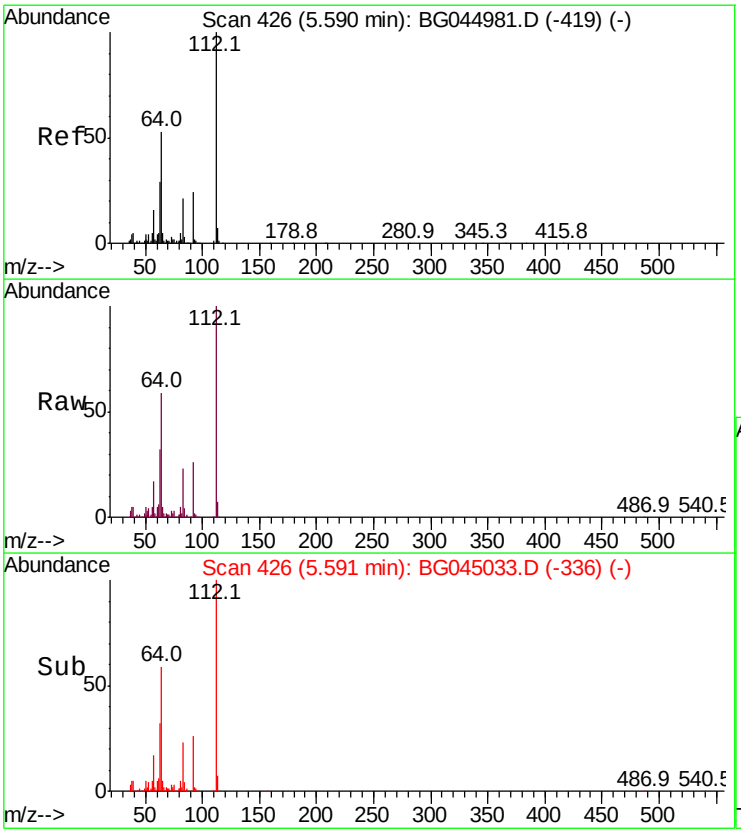
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG045033.D
Acq: 17 Apr 2020 15:07

Instrument :
BNA_G
ClientSampleId :
TP-12-SA

Tgt Ion:152 Resp: 66207

Ion	Ratio	Lower	Upper
152	100		
150	159.0	123.6	185.4
115	58.9	49.1	73.7

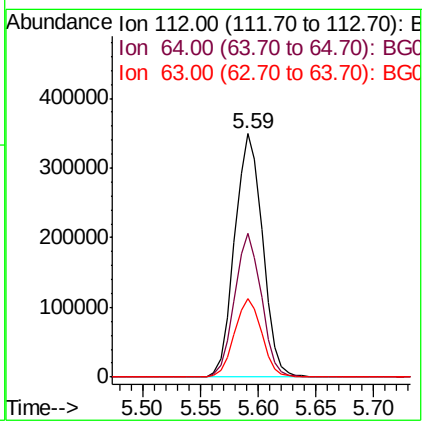


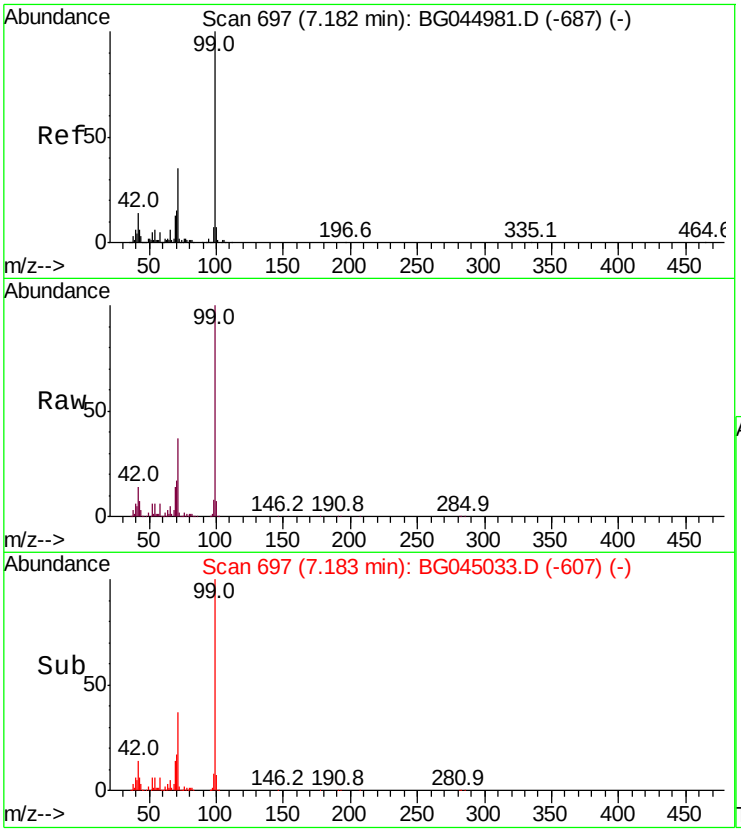


#5
2-Fluorophenol
Concen: 146.047 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG045033.D
Acq: 17 Apr 2020 15:07

Tgt Ion:112 Resp: 585683

Ion	Ratio	Lower	Upper
112	100		
64	59.1	42.4	63.6
63	32.1	23.1	34.7



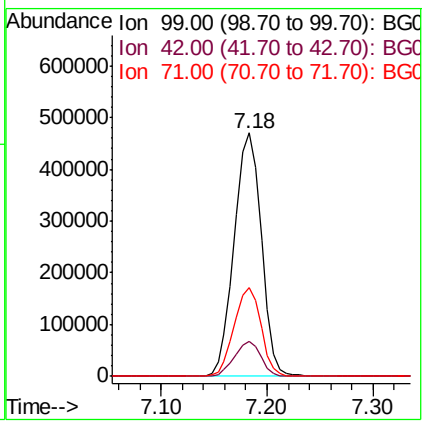


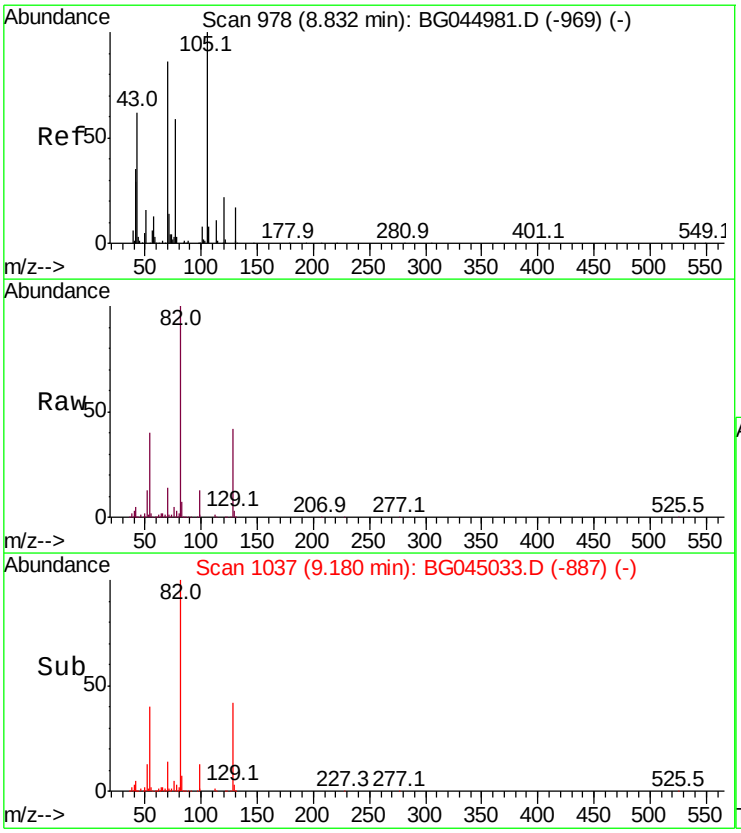
#7
Phenol-d6
Concen: 140.550 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.00 min
Lab File: BG045033.D
Acq: 17 Apr 2020 15:07

Instrument :
BNA_G
ClientSampleId :
TP-12-SA

Tgt Ion: 99 Resp: 837431

Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.3	16.9
71	36.6	28.3	42.5

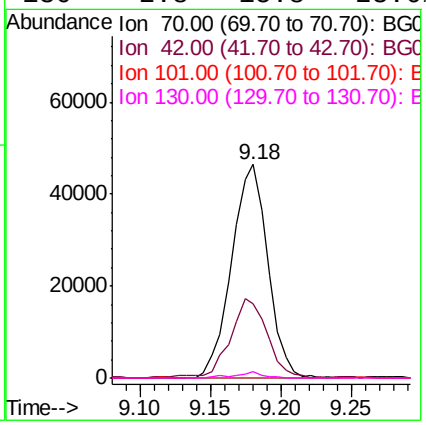


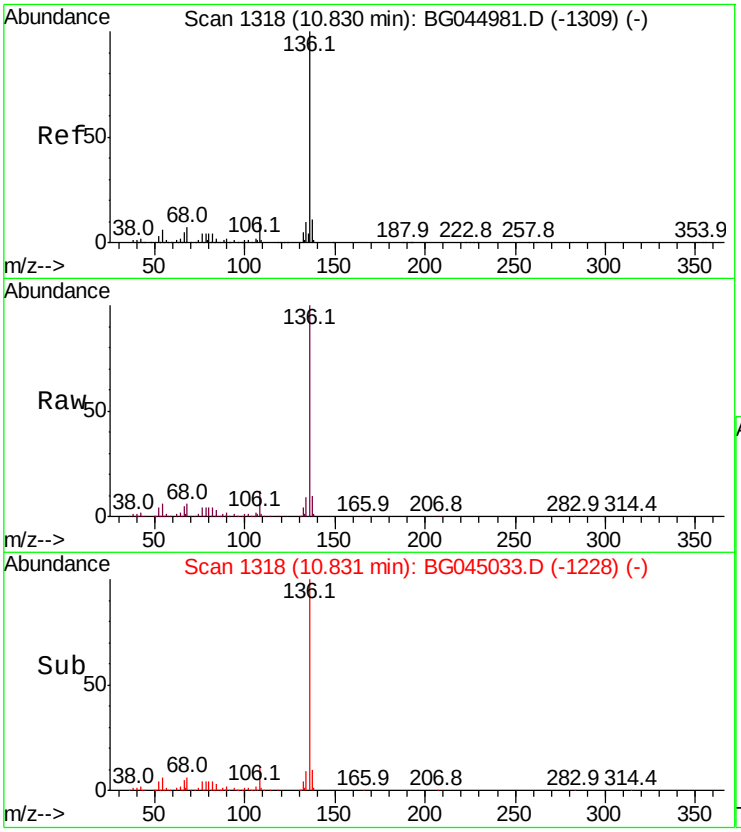


#19
n-Nitroso-di-n-propylamine
Concen: 19.685 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG045033.D
Acq: 17 Apr 2020 15:07

Tgt Ion: 70 Resp: 82948

Ion	Ratio	Lower	Upper
70	100		
42	35.0	33.3	49.9
101	0.0	7.8	11.8#
130	2.8	15.8	23.6#



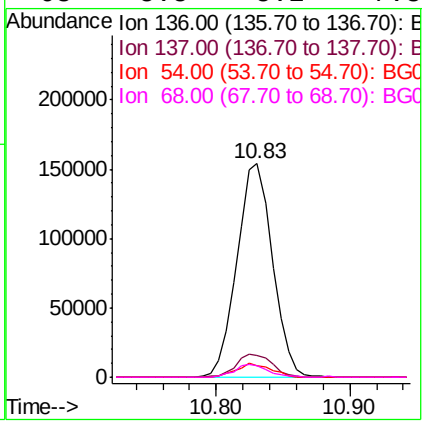


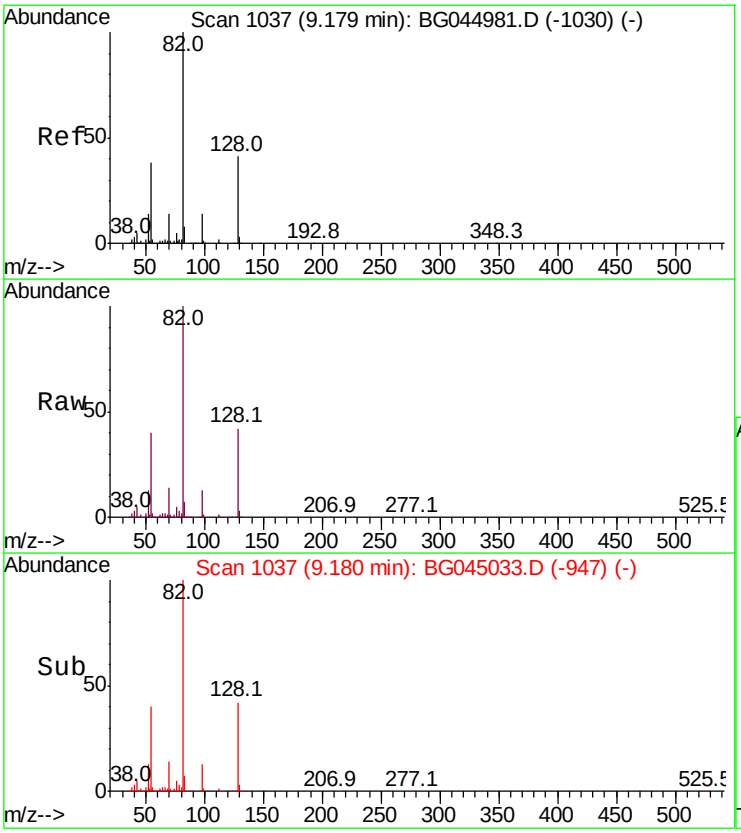
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045033.D
Acq: 17 Apr 2020 15:07

Instrument :
BNA_G
ClientSampleId :
TP-12-SA

Tgt Ion:136 Resp: 283487

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.6	13.0
54	5.6	4.8	7.2
68	5.5	5.2	7.8

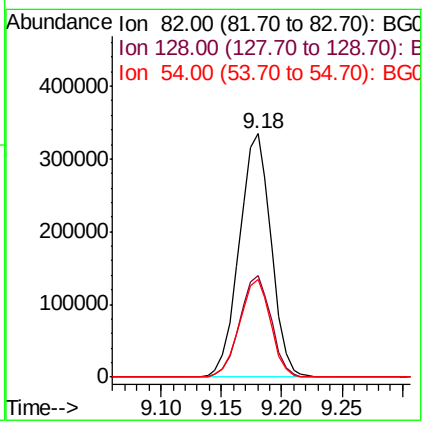


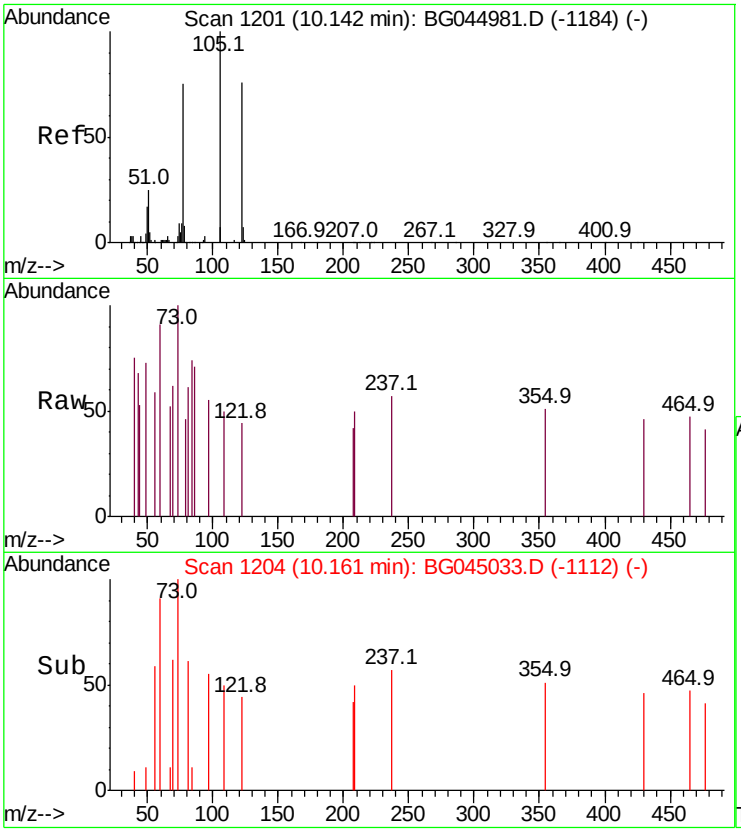


#23
Nitrobenzene-d5
Concen: 98.762 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045033.D
Acq: 17 Apr 2020 15:07

Tgt Ion: 82 Resp: 613596

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.0	49.4
54	39.9	30.4	45.6



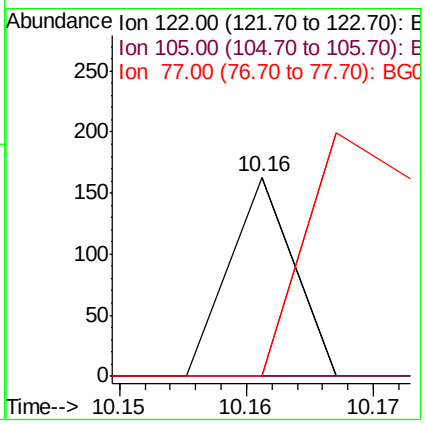


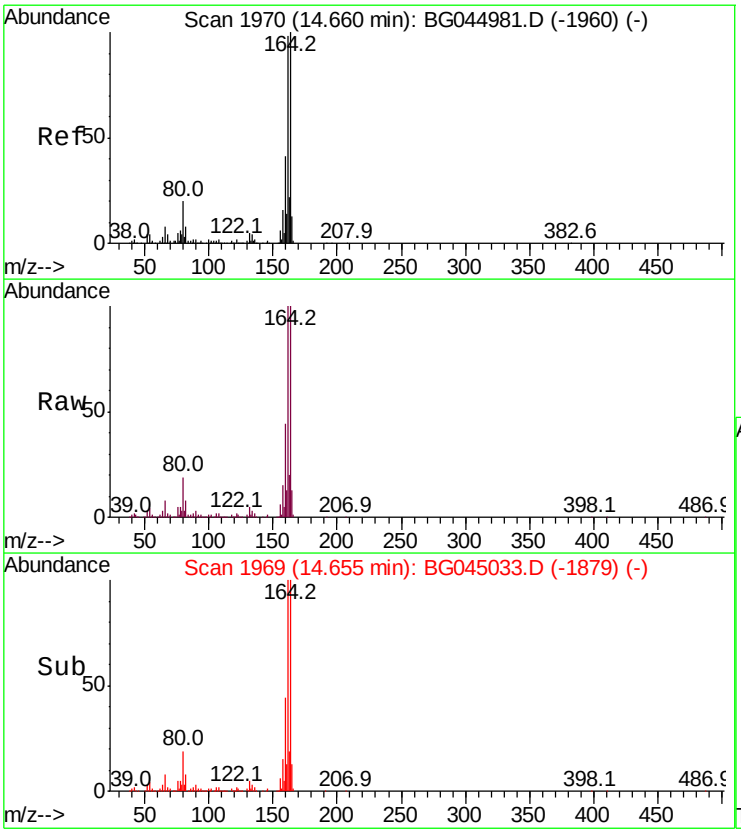
#32
Benzoic acid
Concen: 6.388 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BG045033.D
Acq: 17 Apr 2020 15:07

Instrument :
BNA_G
ClientSampleId :
TP-12-SA

Tgt Ion:122 Resp: 57

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

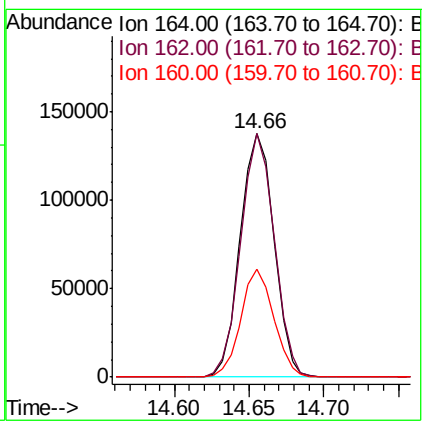


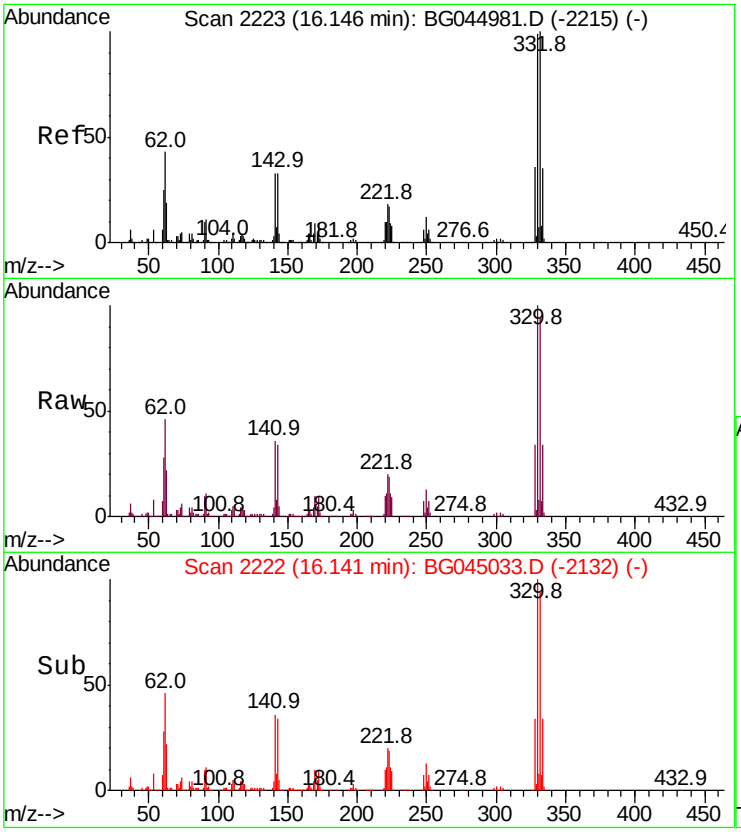


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045033.D
Acq: 17 Apr 2020 15:07

Tgt Ion:164 Resp: 215745

Ion	Ratio	Lower	Upper
164	100		
162	99.8	78.7	118.1
160	44.3	32.8	49.2



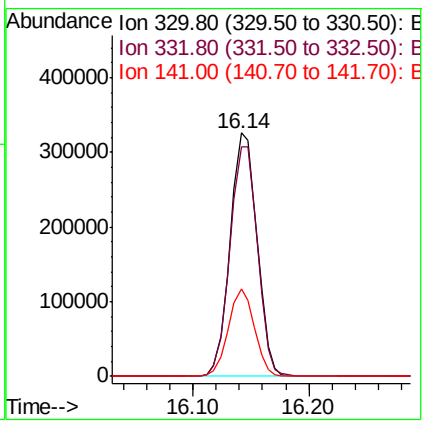


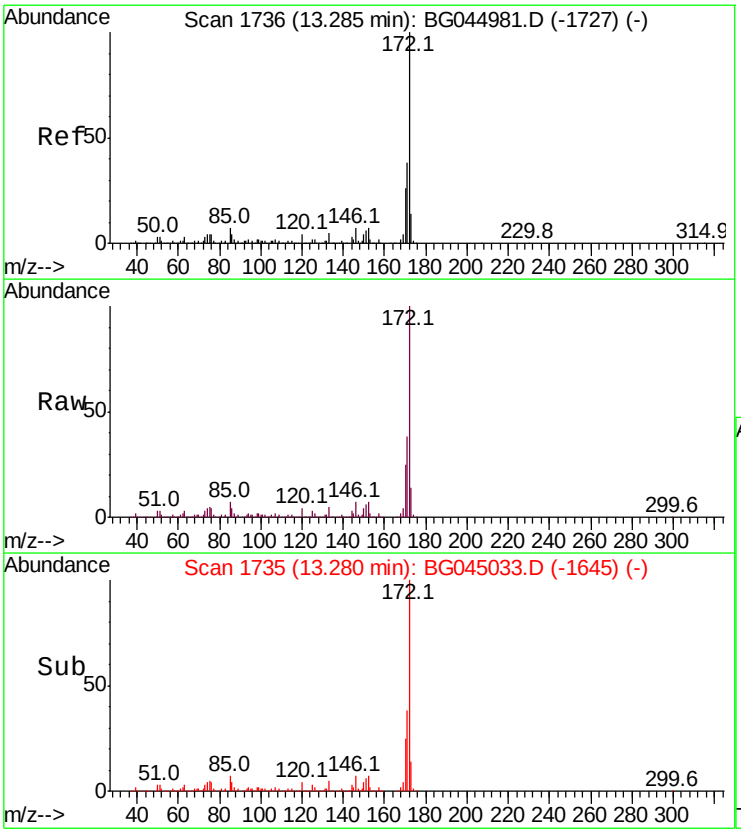
#42
2,4,6-Tribromophenol
Concen: 158.194 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG045033.D
Acq: 17 Apr 2020 15:07

Instrument :
BNA_G
ClientSampleId :
TP-12-SA

Tgt Ion:330 Resp: 527258

Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.1	118.7
141	34.7	27.1	40.7

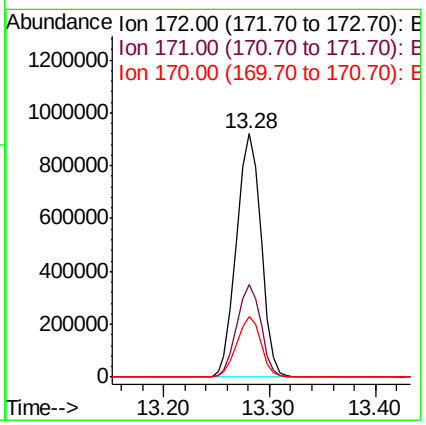


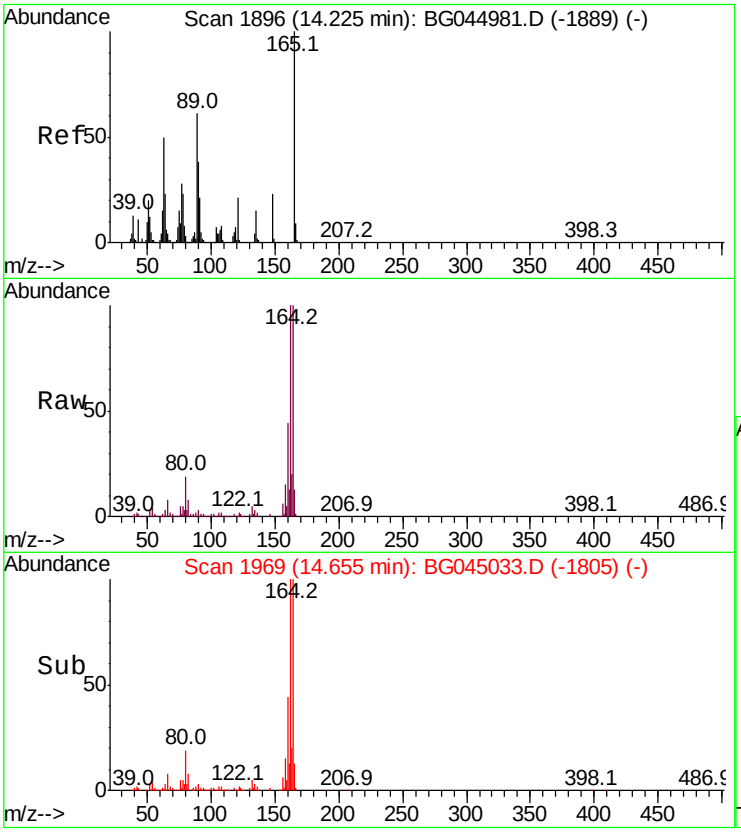


#45
2-Fluorobiphenyl
Concen: 100.717 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045033.D
Acq: 17 Apr 2020 15:07

Tgt Ion:172 Resp: 1481883

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.6	46.0
170	24.9	20.5	30.7



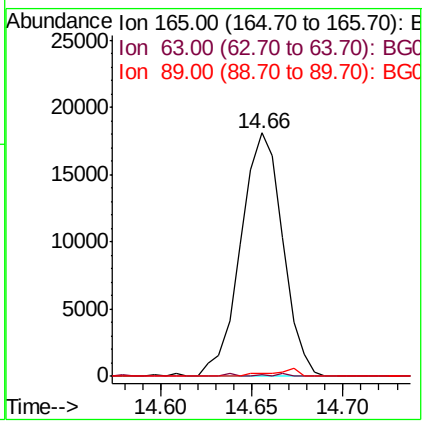


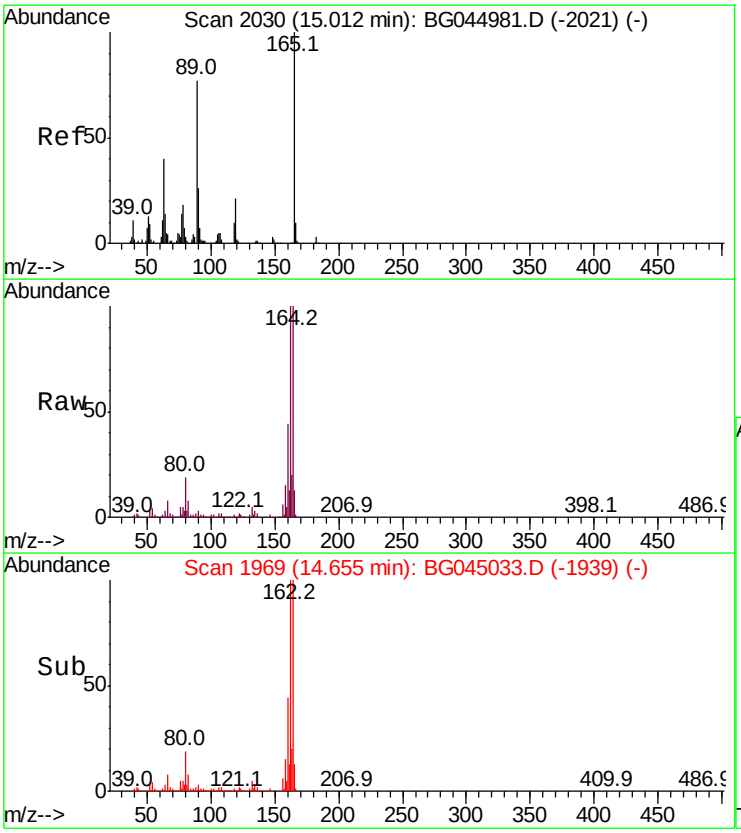
#51
2,6-Dinitrotoluene
Concen: 7.428 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.43 min
Lab File: BG045033.D
Acq: 17 Apr 2020 15:07

Instrument :
BNA_G
ClientSampleId :
TP-12-SA

Tgt Ion:165 Resp: 29185

Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.4	60.6#
89	1.2	49.1	73.7#

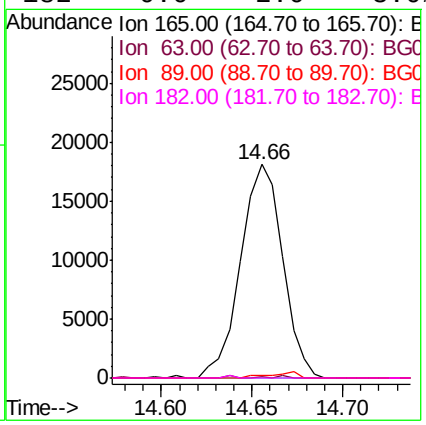


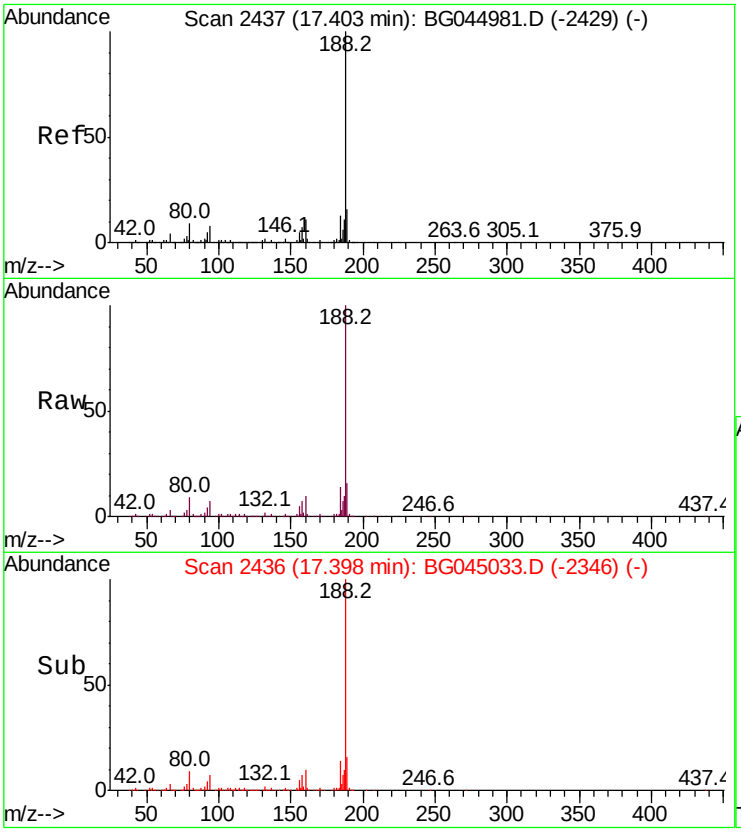


#57
2,4-Dinitrotoluene
Concen: 5.083 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.35 min
Lab File: BG045033.D
Acq: 17 Apr 2020 15:07

Tgt Ion:165 Resp: 29185

Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.2	48.2#
89	1.2	61.7	92.5#
182	0.0	2.0	3.0#



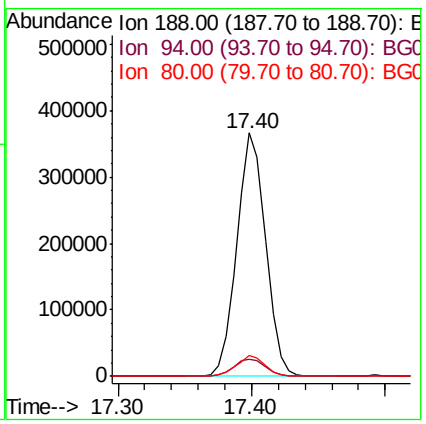


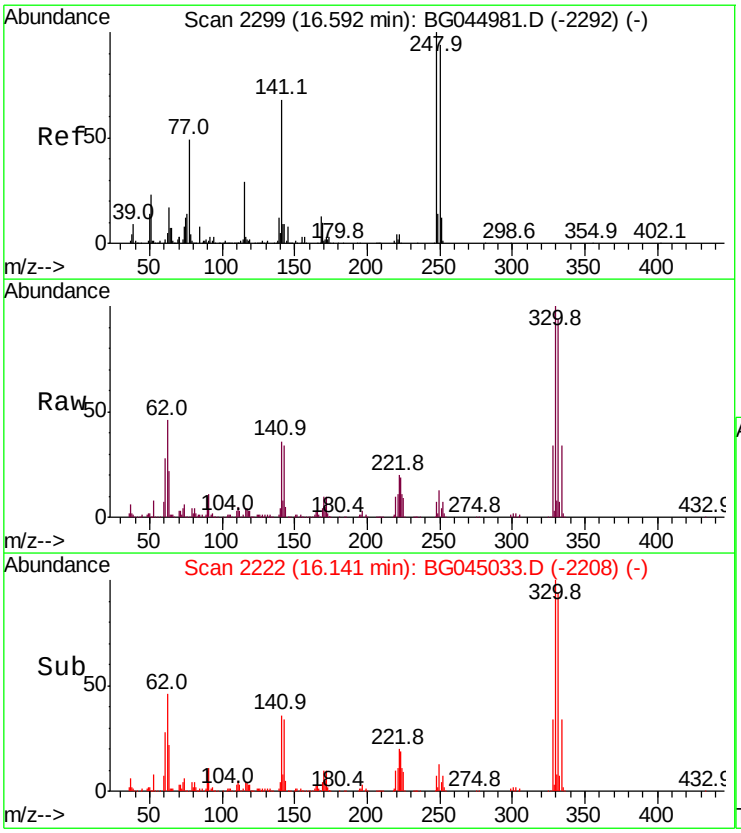
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045033.D
Acq: 17 Apr 2020 15:07

Instrument :
BNA_G
ClientSampleId :
TP-12-SA

Tgt Ion:188 Resp: 543535

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.2	9.4
80	8.6	7.0	10.6

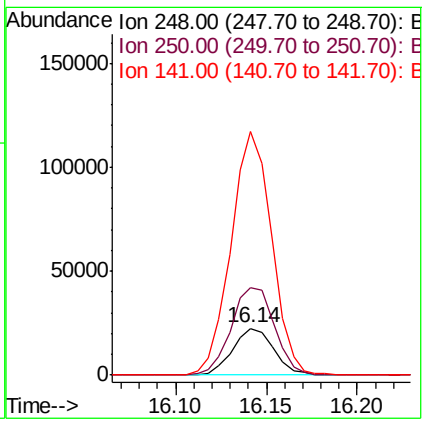


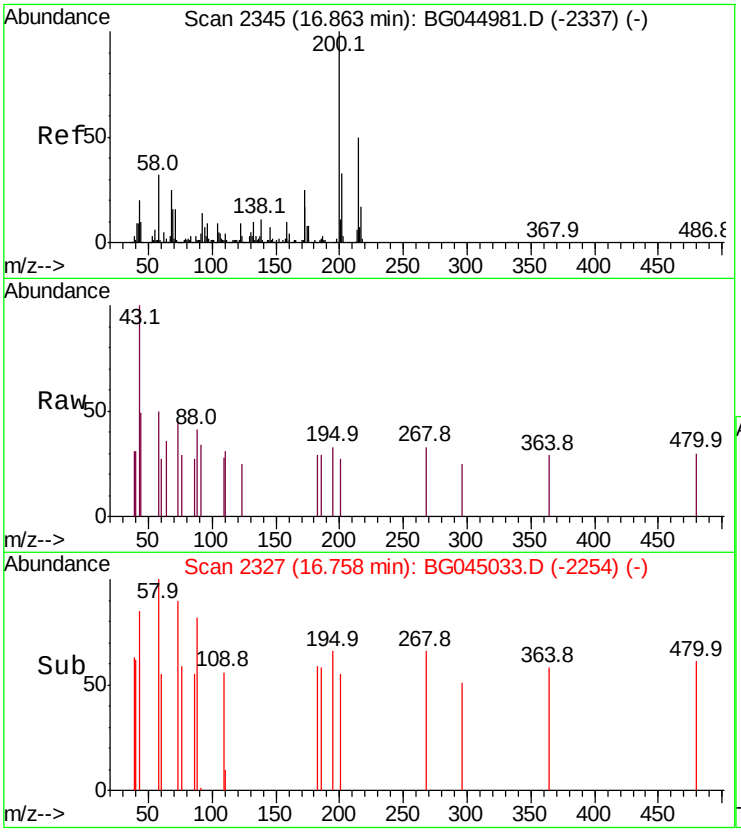


#67
4-Bromophenyl-phenylether
Concen: 5.050 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.45 min
Lab File: BG045033.D
Acq: 17 Apr 2020 15:07

Tgt Ion:248 Resp: 35414

Ion	Ratio	Lower	Upper
248	100		
250	186.6	75.4	113.2#
141	523.2	54.4	81.6#



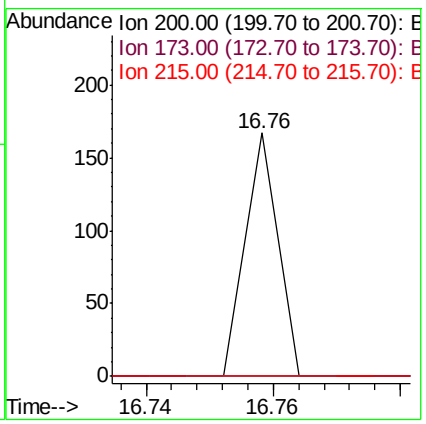


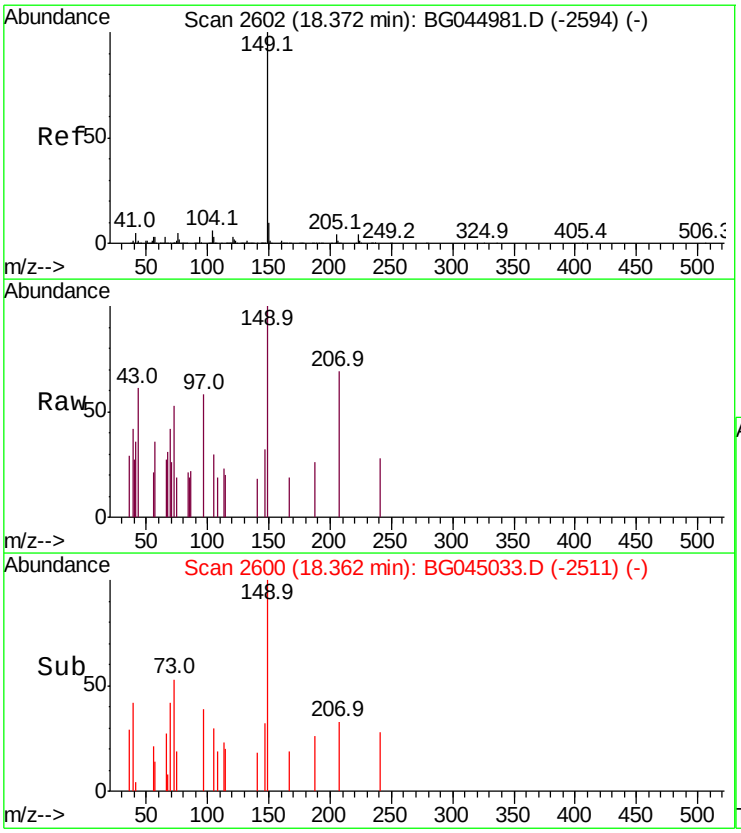
#69
Atrazine
Concen: Below Cal
RT: 16.76 min Scan# 2327
Delta R.T. -0.10 min
Lab File: BG045033.D
Acq: 17 Apr 2020 15:07

Instrument :
BNA_G
ClientSampleId :
TP-12-SA

Tgt Ion:200 Resp: 59

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

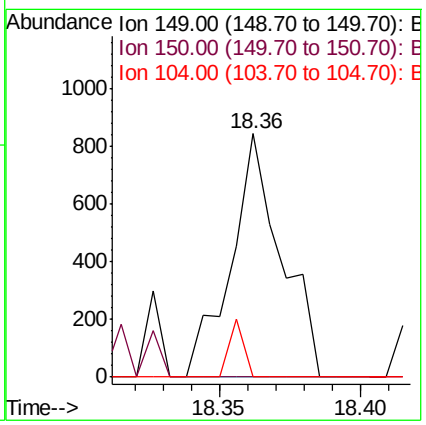


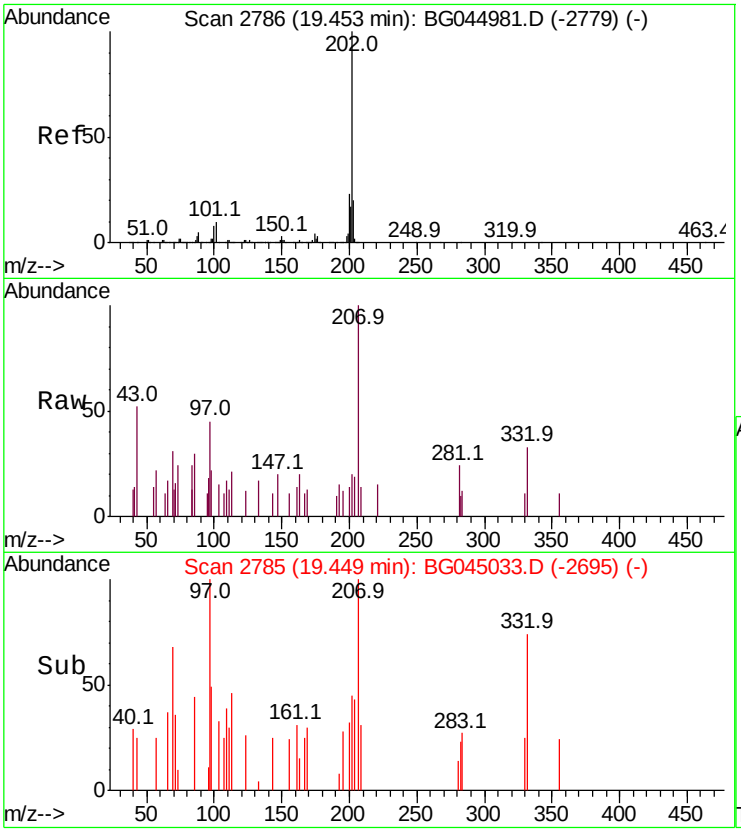


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.36 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BG045033.D
Acq: 17 Apr 2020 15:07

Tgt Ion:149 Resp: 1042

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



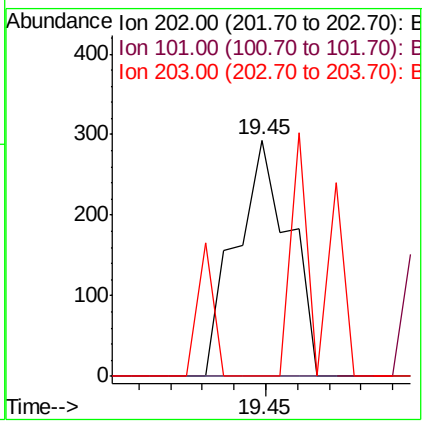


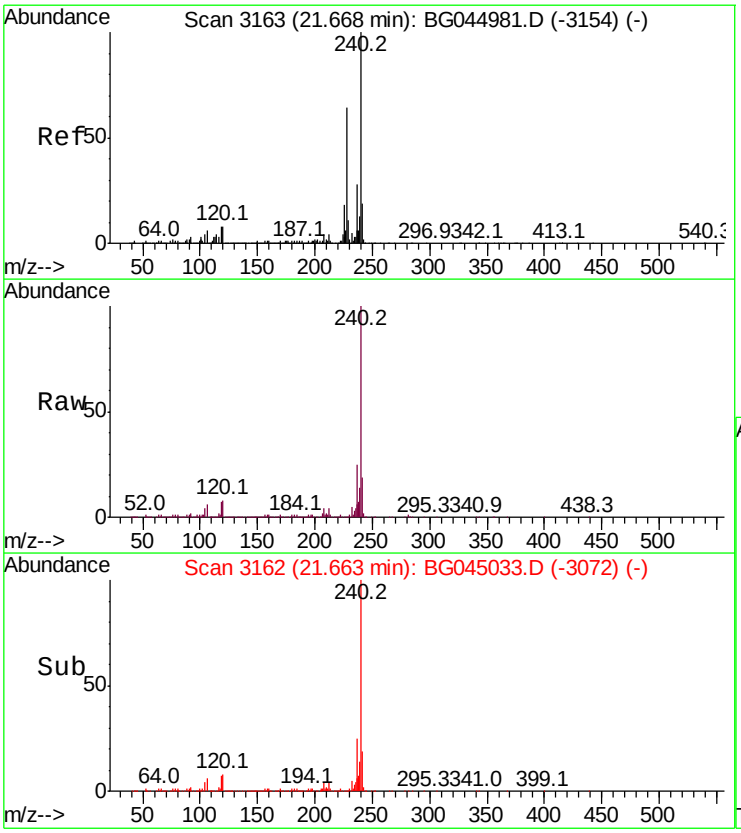
#75
Fluoranthene
Concen: Below Cal
RT: 19.45 min Scan# 2785
Delta R.T. -0.00 min
Lab File: BG045033.D
Acq: 17 Apr 2020 15:07

Instrument :
BNA_G
ClientSampleId :
TP-12-SA

Tgt Ion:202 Resp: 343

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

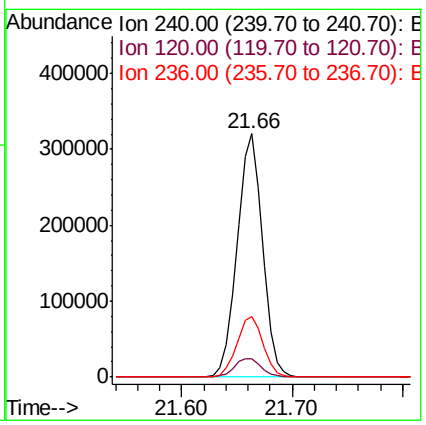


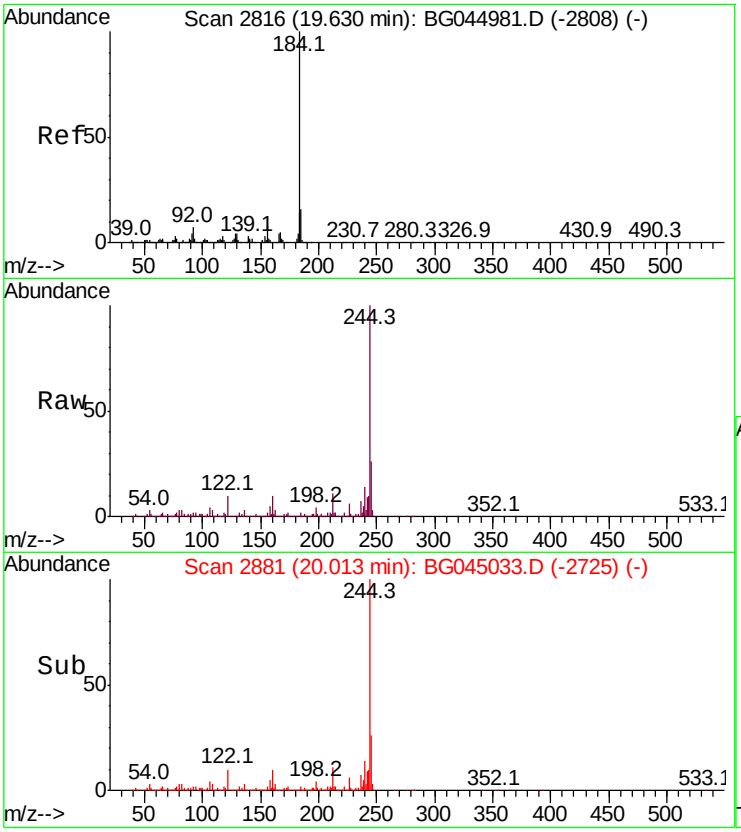


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG045033.D
Acq: 17 Apr 2020 15:07

Tgt Ion:240 Resp: 517126

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.6	10.0
236	25.0	22.2	33.2



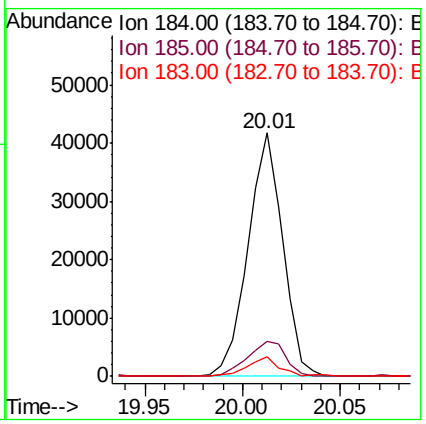


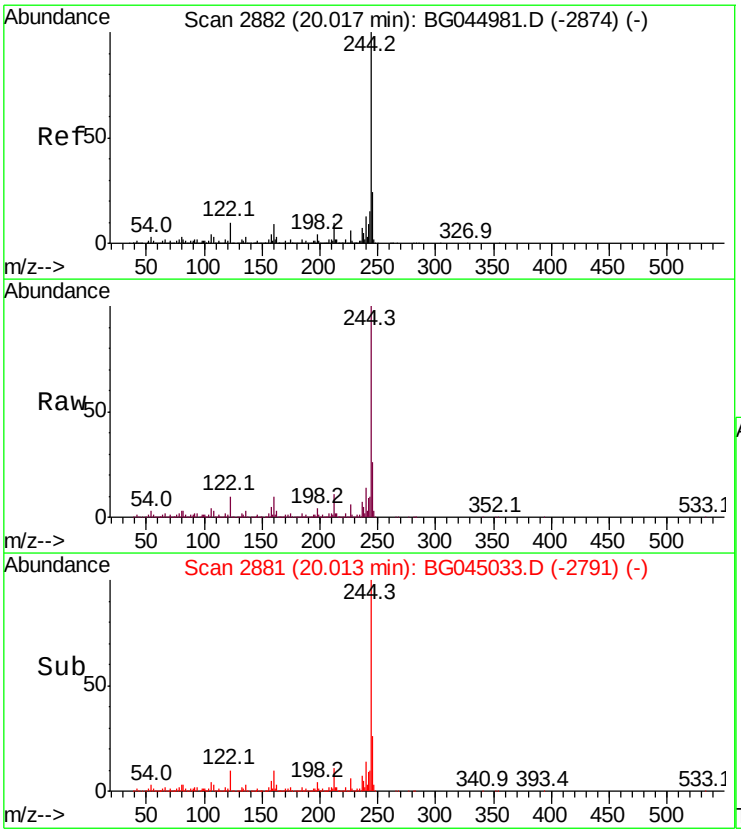
#77
Benzidine
Concen: Below Cal
RT: 20.01 min Scan# 2881
Delta R.T. 0.39 min
Lab File: BG045033.D
Acq: 17 Apr 2020 15:07

Instrument :
BNA_G
ClientSampleId :
TP-12-SA

Tgt Ion:184 Resp: 51272

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	19.0
183	8.1	11.3	16.9#

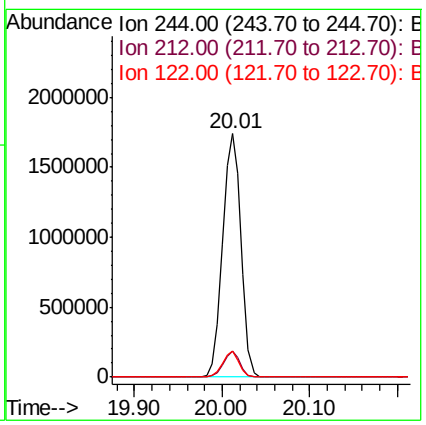


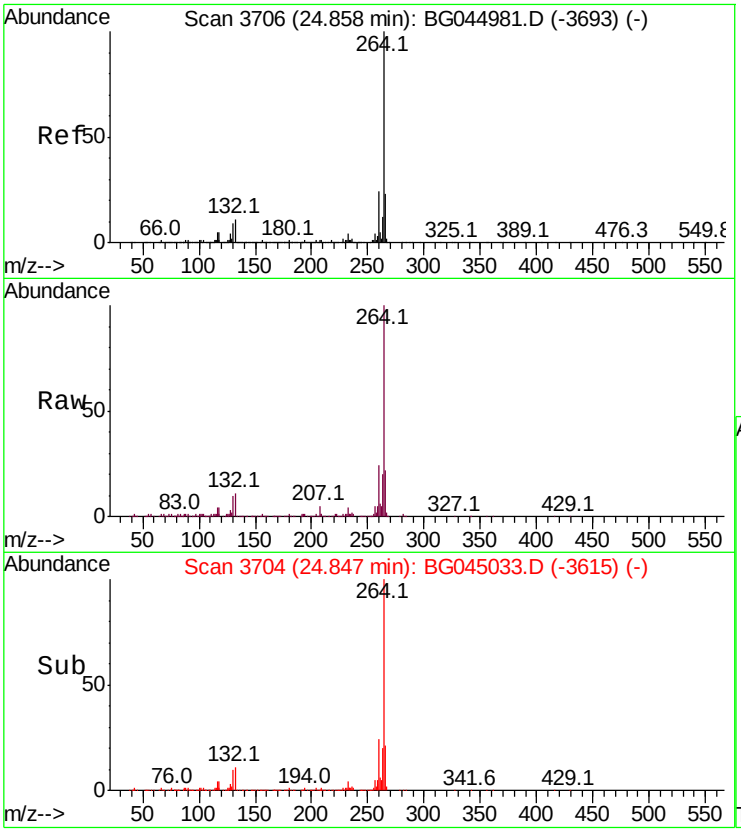


#79
Terphenyl-d14
Concen: 106.154 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG045033.D
Acq: 17 Apr 2020 15:07

Tgt Ion:244 Resp: 2518626

Ion	Ratio	Lower	Upper
244	100		
212	10.6	7.9	11.9
122	10.5	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: BG045033.D
Acq: 17 Apr 2020 15:07

Instrument :
BNA_G
ClientSampleId :
TP-12-SA

Tgt Ion:264 Resp: 423806

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	19.0	28.4