Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045053.D
Acq On : 18 Apr 2020 5:46
Operator : CG/JU
Sample : L2249-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-3

Quant Time: Apr 18 07:20:31 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	60178	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	273995	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	212852	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	496308	20.00	ng		0.00
76) Chrysene-d12	21.66	240	461111	20.00	ng		0.00
87) Perylene-d12	24.85	264	497768	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	195193	53.55	ng		0.00
7) Phenol-d6	7.18	99	199197	36.78	ng		0.00
23) Nitrobenzene-d5	9.18	82	505020	84.10	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	460886	140.16	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1263934	87.07	ng		0.00
79) Terphenyl-d14	20.01	244	2162616	102.22	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.18	77	578	Below Cal		#	4
19) n-Nitroso-di-n-propylamine	9.18	70	66730	17.423	ng	#	83
32) Benzoic acid	10.19	122	57	6.388	ng	#	1
50) Dimethylphthalate	14.10	163	105645	6.096	ng		100
57) 2,4-Dinitrotoluene	14.65	165	26986	4.764	ng	#	23
67) 4-Bromophenyl-phenylether	16.15	248	31300	4.889	ng	#	1
69) Atrazine	17.07	200	64	Below Cal		#	35
74) Di-n-butylphthalate	18.36	149	1750	Below Cal		#	76
75) Fluoranthene	19.61	202	54	Below Cal			62
77) Benzidine	20.01	184	43070	Below Cal		#	85

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045053.D
Acq On : 18 Apr 2020 5:46
Operator : CG/JU
Sample : L2249-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-3

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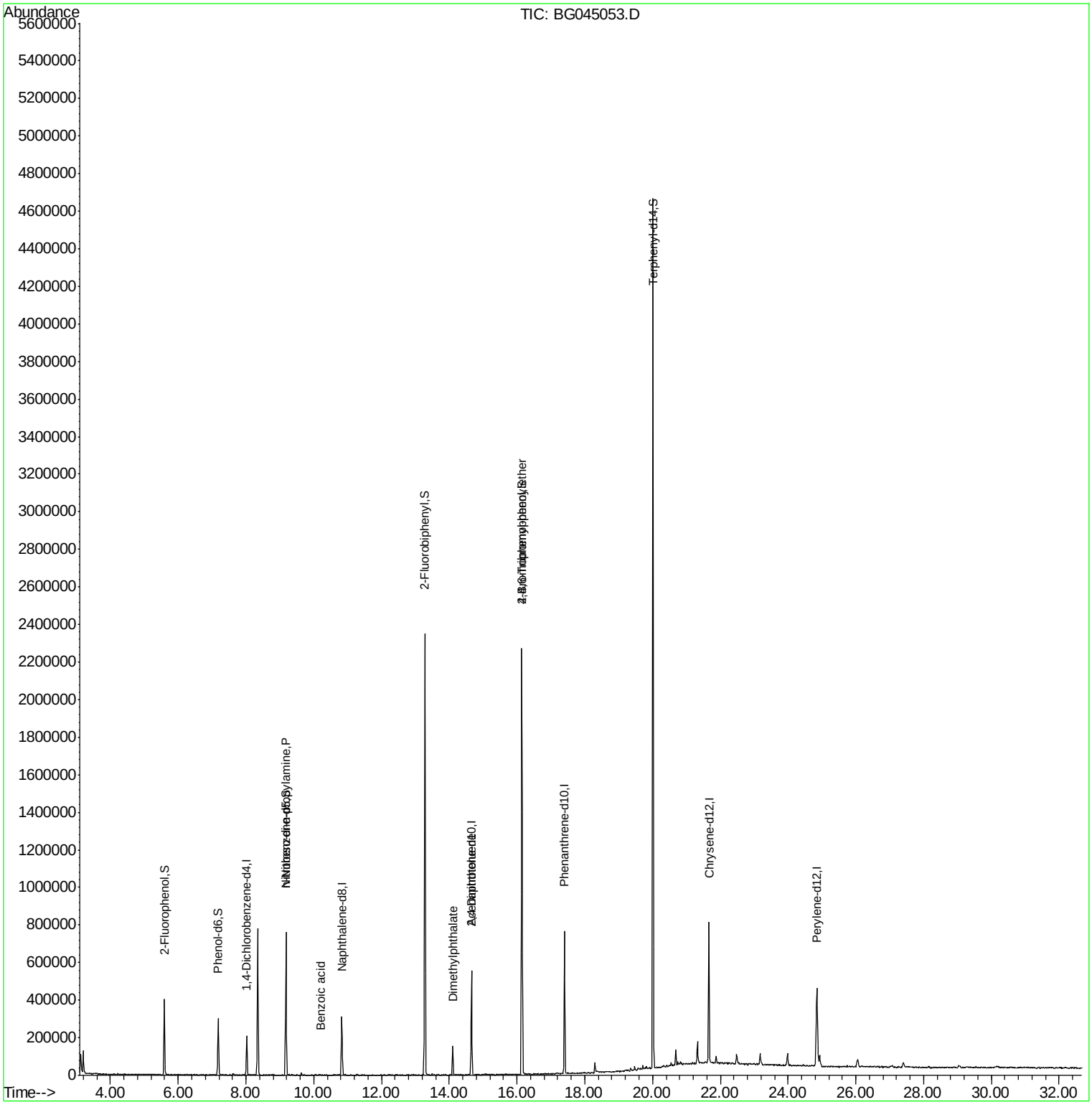
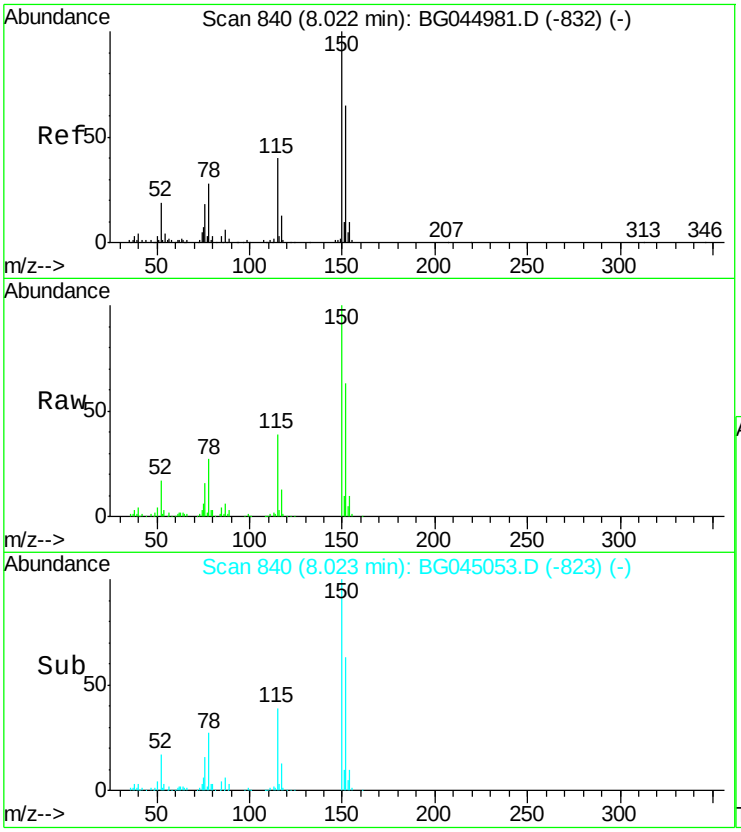
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration



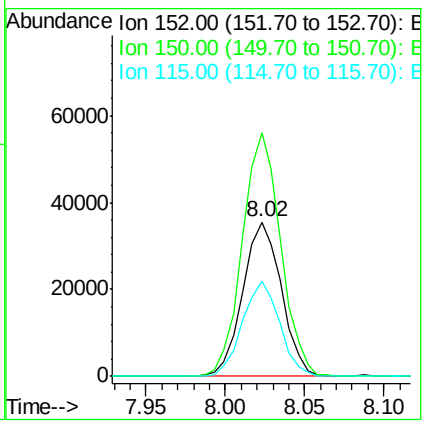


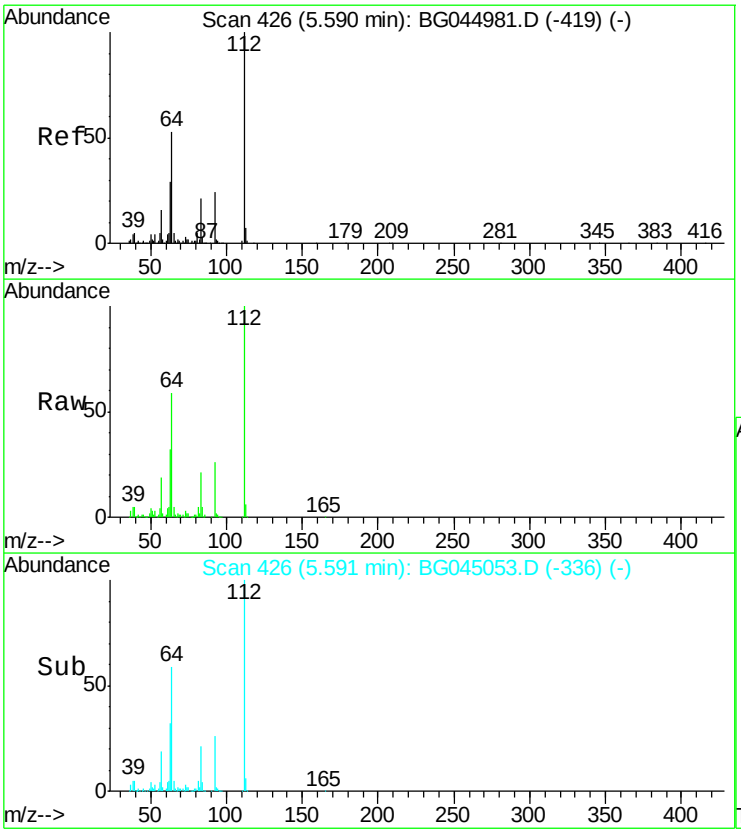
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion:152 Resp: 60178

Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.6	185.4
115	61.8	49.1	73.7

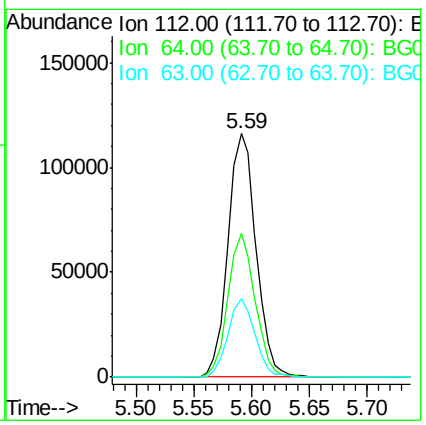


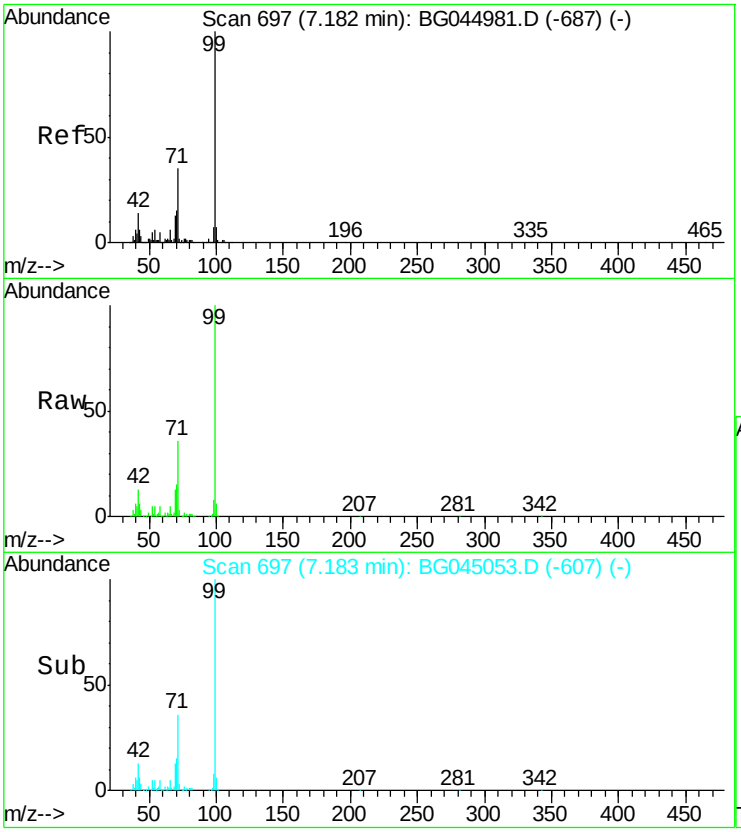


#5
2-Fluorophenol
Concen: 53.550 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Tgt Ion:112 Resp: 195193

Ion	Ratio	Lower	Upper
112	100		
64	58.8	42.4	63.6
63	32.3	23.1	34.7



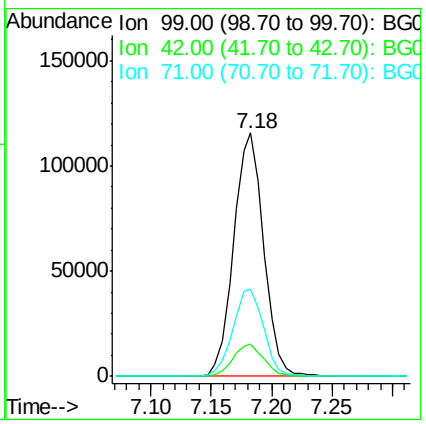


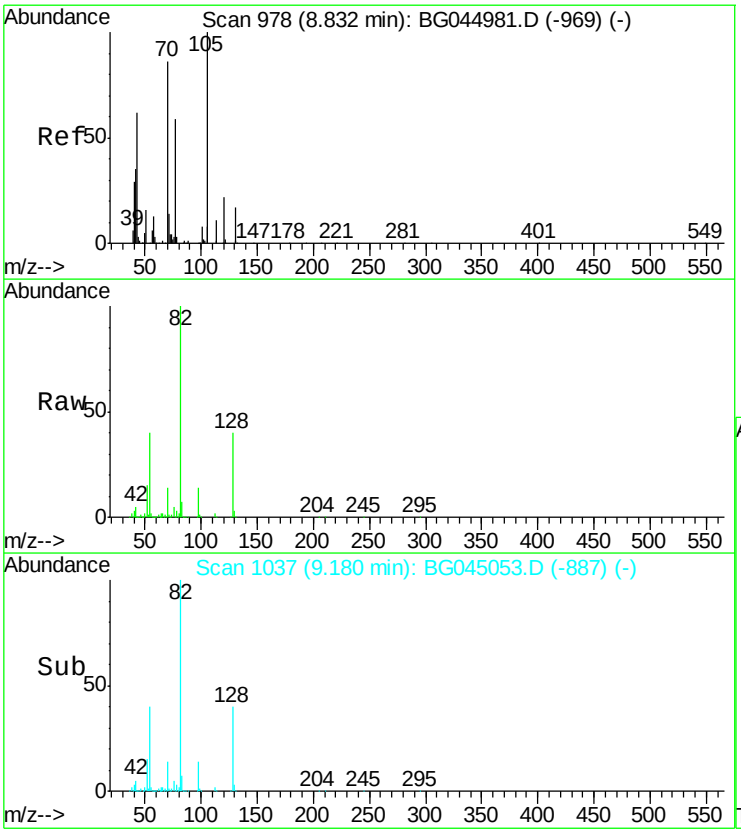
#7
Phenol-d6
Concen: 36.782 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.00 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion: 99 Resp: 199197

Ion	Ratio	Lower	Upper
99	100		
42	13.2	11.3	16.9
71	36.1	28.3	42.5

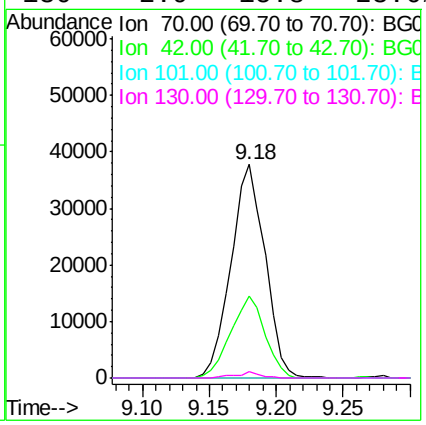


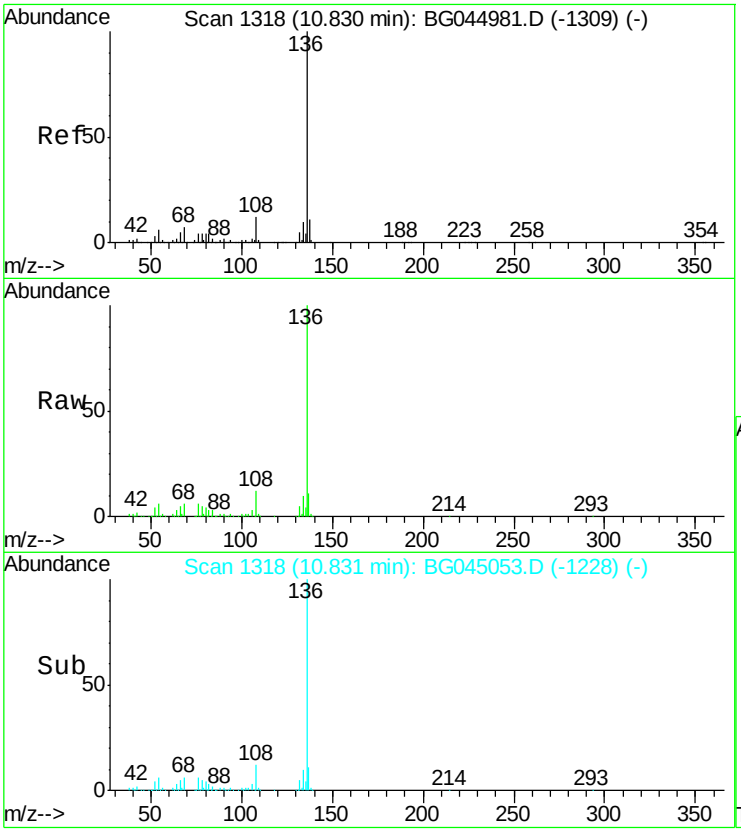


#19
n-Nitroso-di-n-propylamine
Concen: 17.423 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Tgt Ion: 70 Resp: 66730

Ion	Ratio	Lower	Upper
70	100		
42	38.4	33.3	49.9
101	0.0	7.8	11.8#
130	2.9	15.8	23.6#



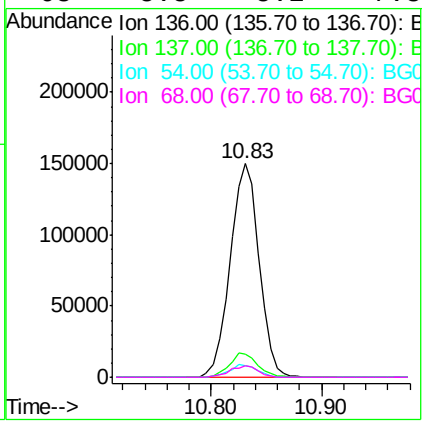


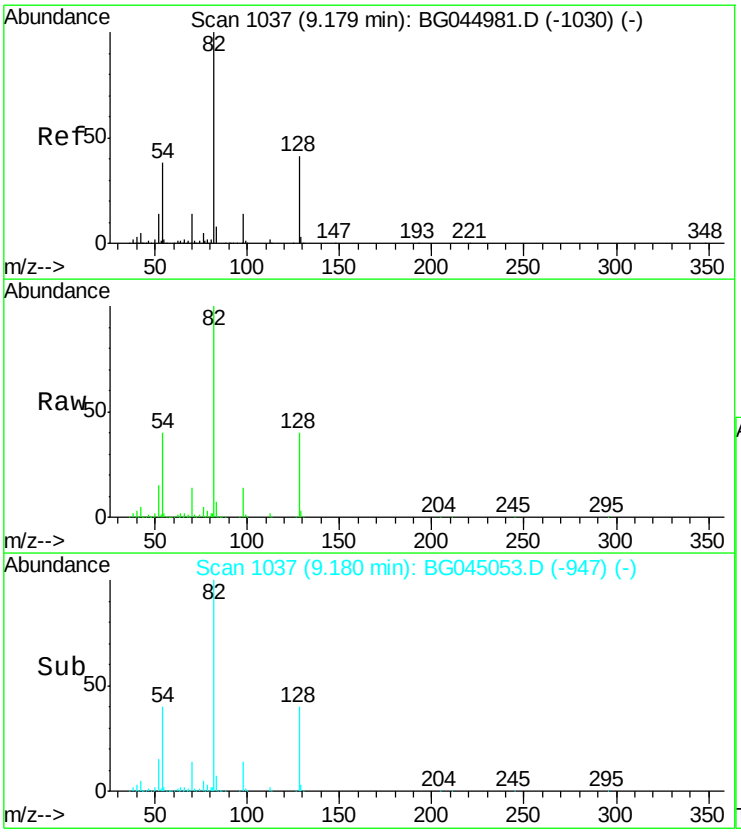
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion:136 Resp: 273995

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.7	4.8	7.2
68	5.5	5.2	7.8

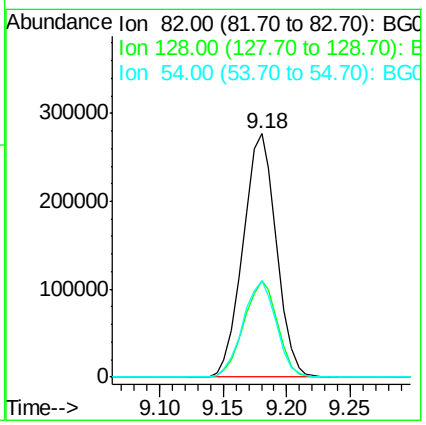


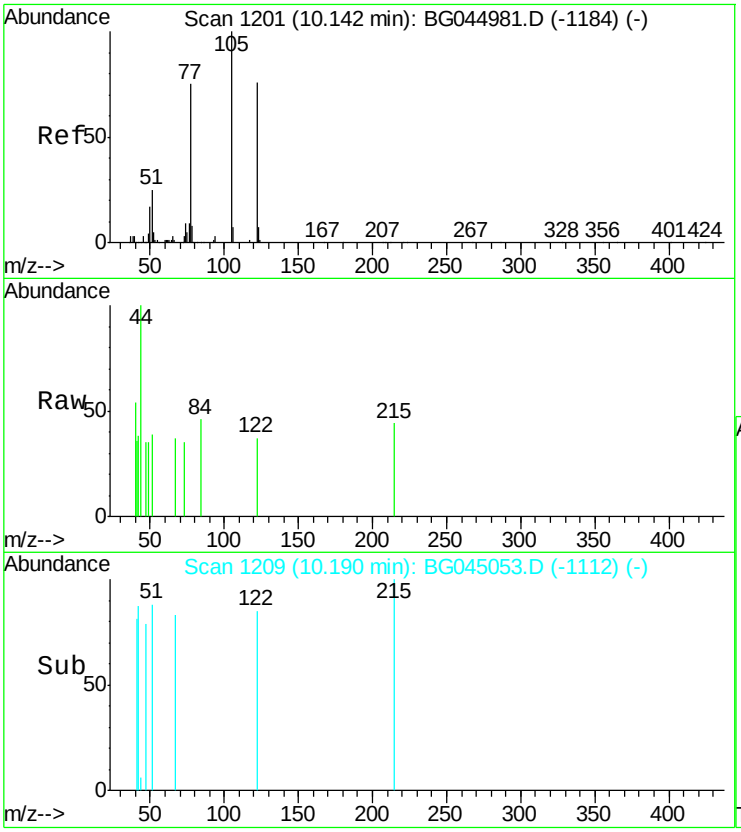


#23
Nitrobenzene-d5
Concen: 84.102 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Tgt Ion: 82 Resp: 505020

Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.0	49.4
54	39.5	30.4	45.6



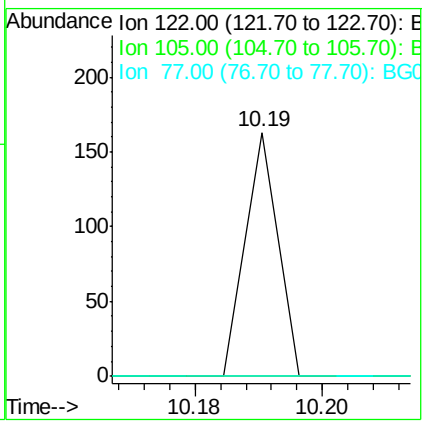


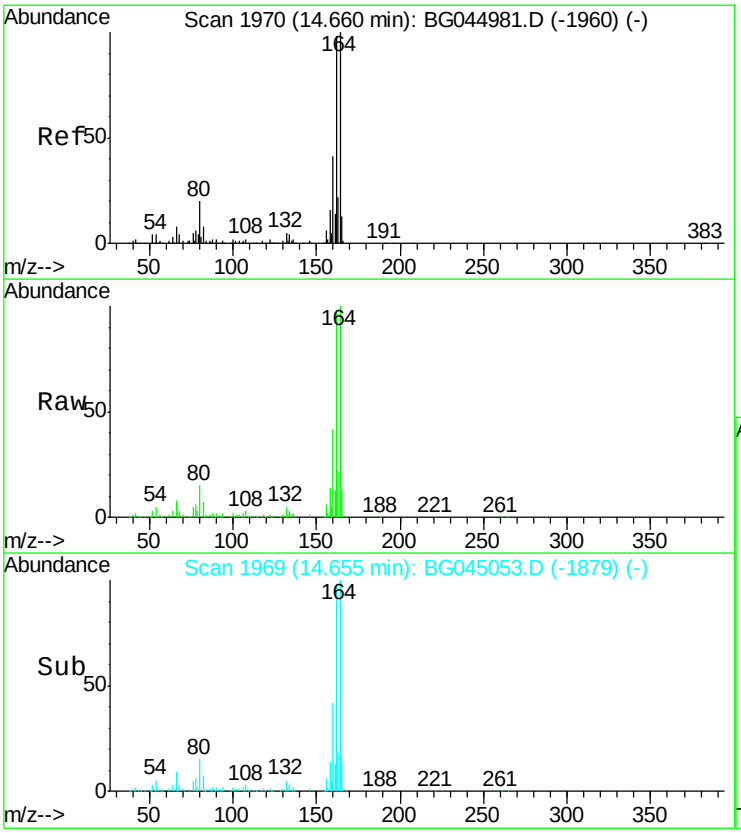
#32
Benzoic acid
Concen: 6.388 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.04 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Instrument :
BNA_G
ClientSampleId :
WC-3

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#

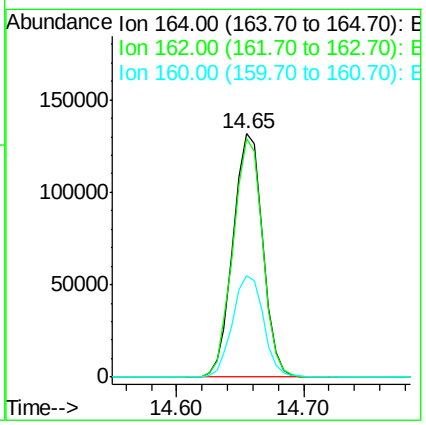


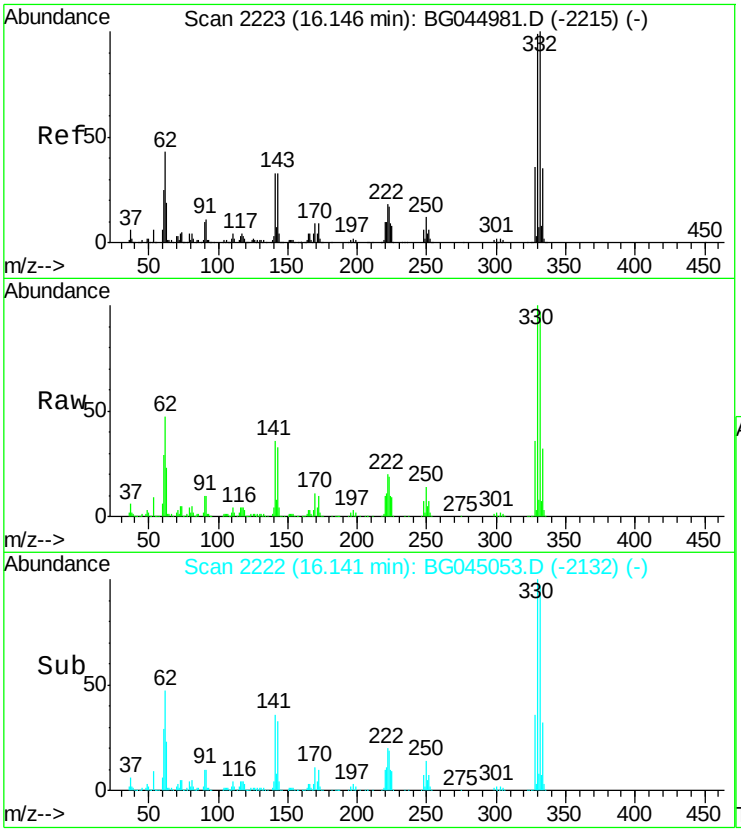


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Tgt Ion:164 Resp: 212852

Ion	Ratio	Lower	Upper
164	100		
162	98.2	78.7	118.1
160	41.7	32.8	49.2



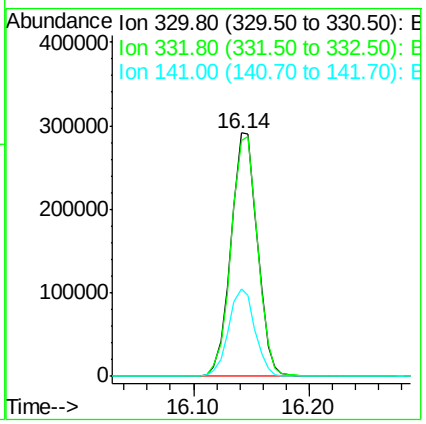


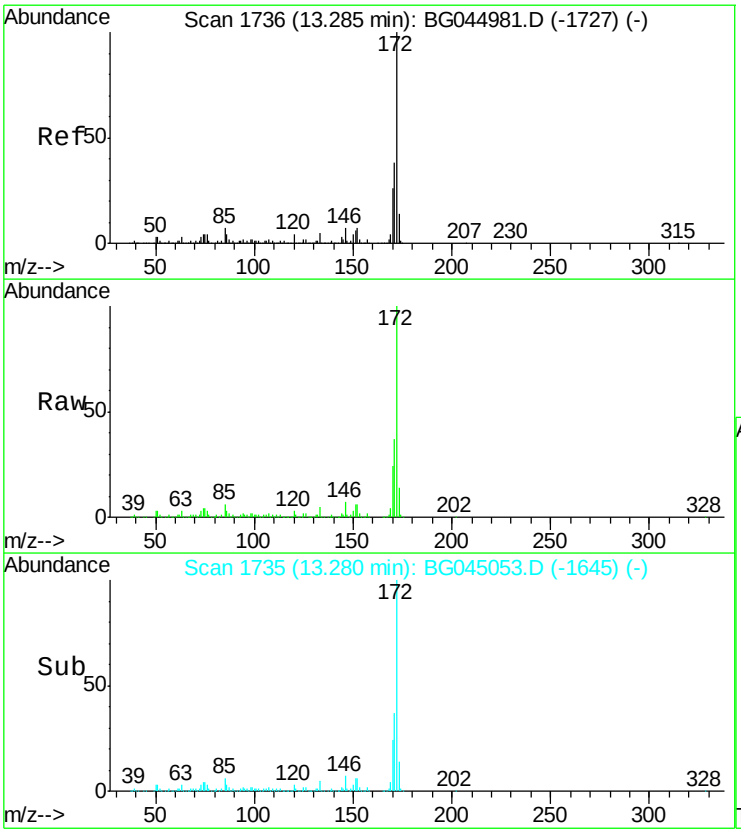
#42
2,4,6-Tribromophenol
Concen: 140.160 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion:330 Resp: 460886

Ion	Ratio	Lower	Upper
330	100		
332	98.5	79.1	118.7
141	35.8	27.1	40.7

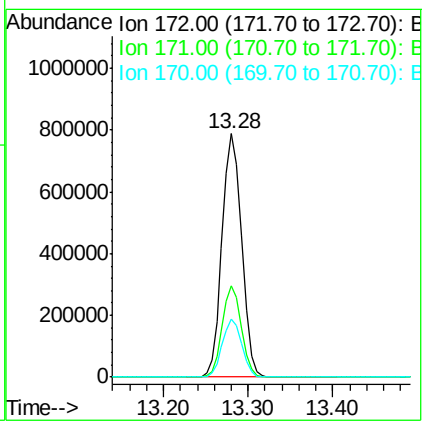


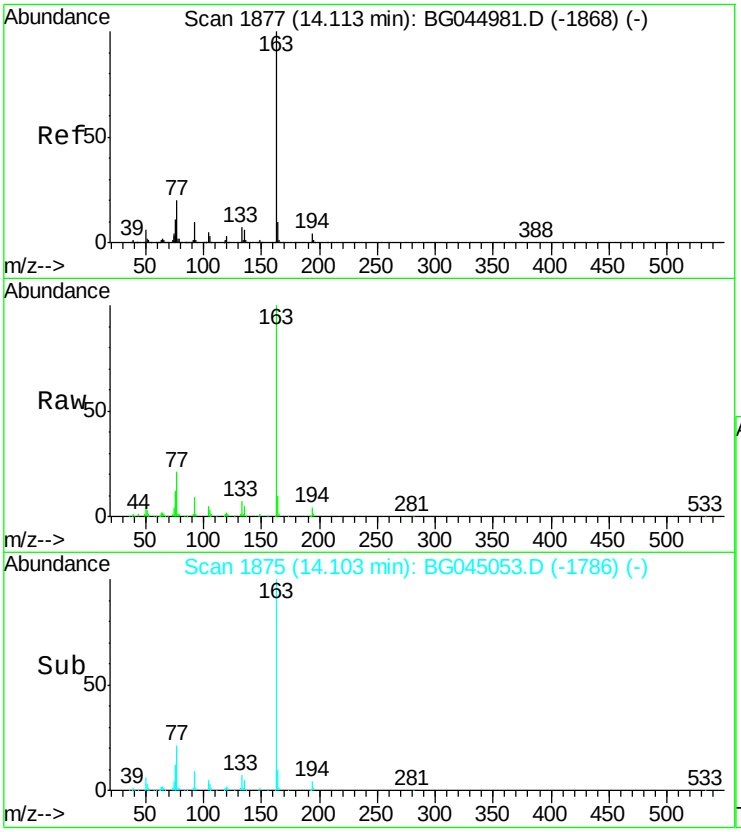


#45
2-Fluorobiphenyl
Concen: 87.071 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Tgt Ion:172 Resp: 1263934

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	46.0
170	23.8	20.5	30.7



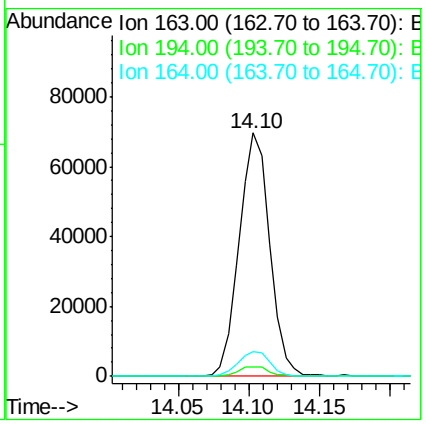


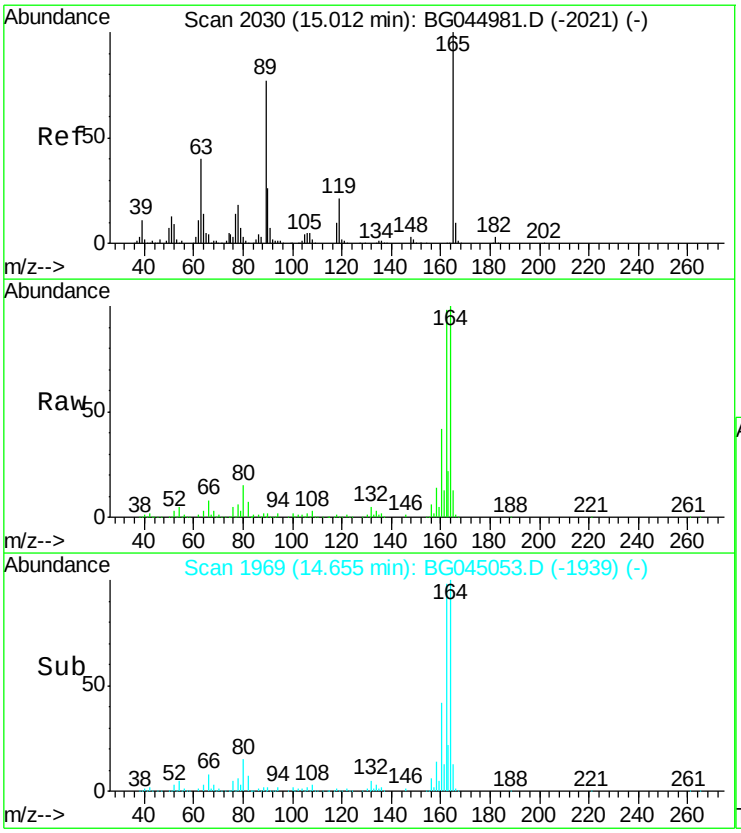
#50
Dimethylphthalate
Concen: 6.096 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion:163 Resp: 105645

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.3	8.2	12.4

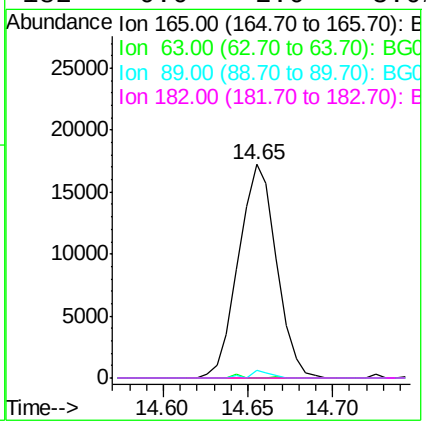


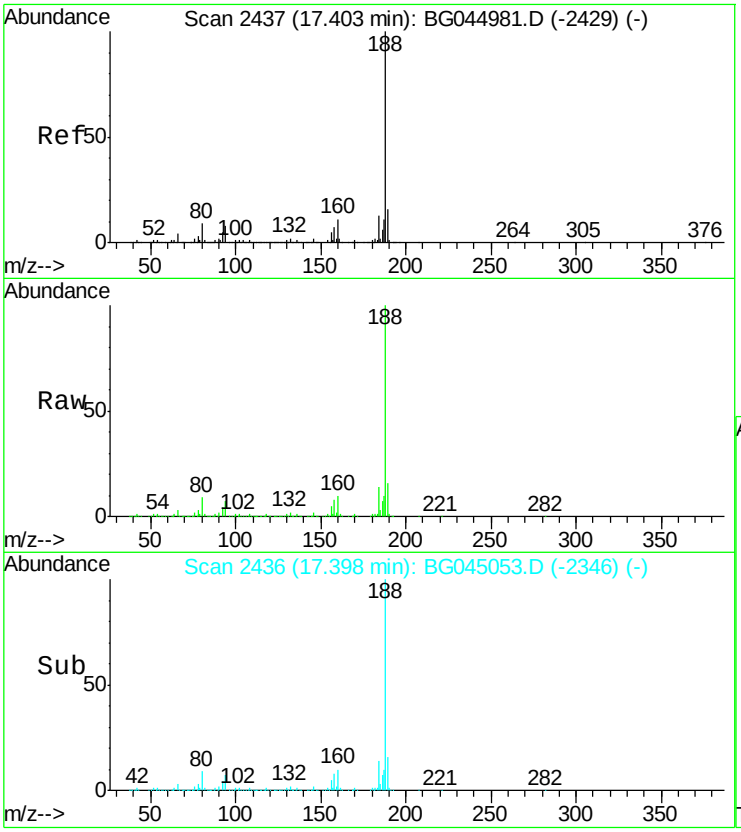


#57
2,4-Dinitrotoluene
Concen: 4.764 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.35 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Tgt Ion:165 Resp: 26986

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.2	48.2#
89	3.4	61.7	92.5#
182	0.0	2.0	3.0#



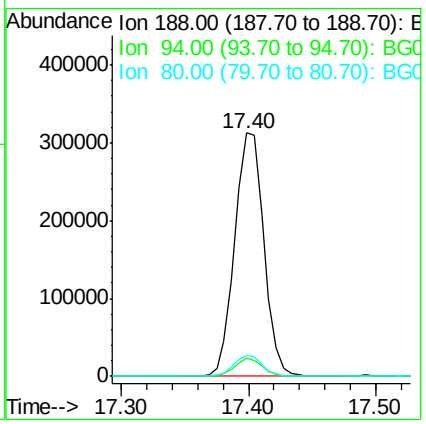


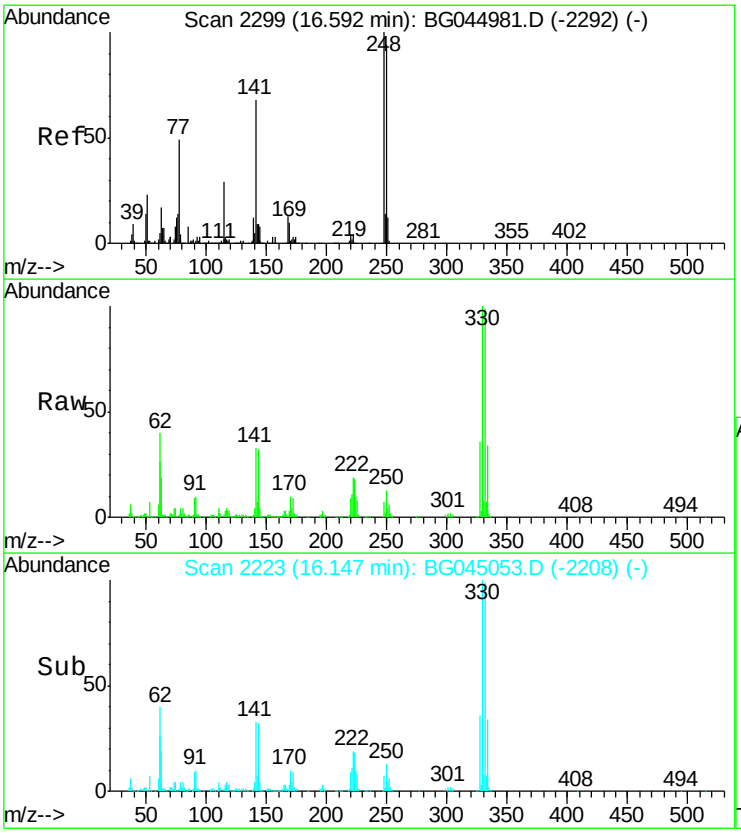
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion:188 Resp: 496308

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.2	9.4
80	8.7	7.0	10.6

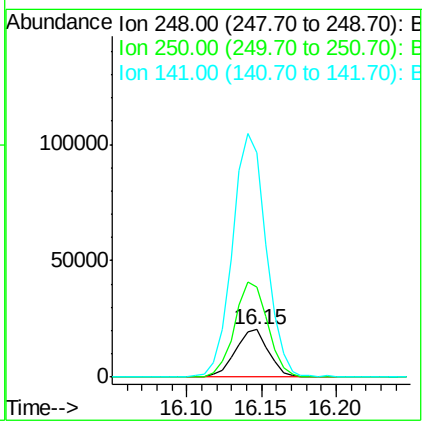


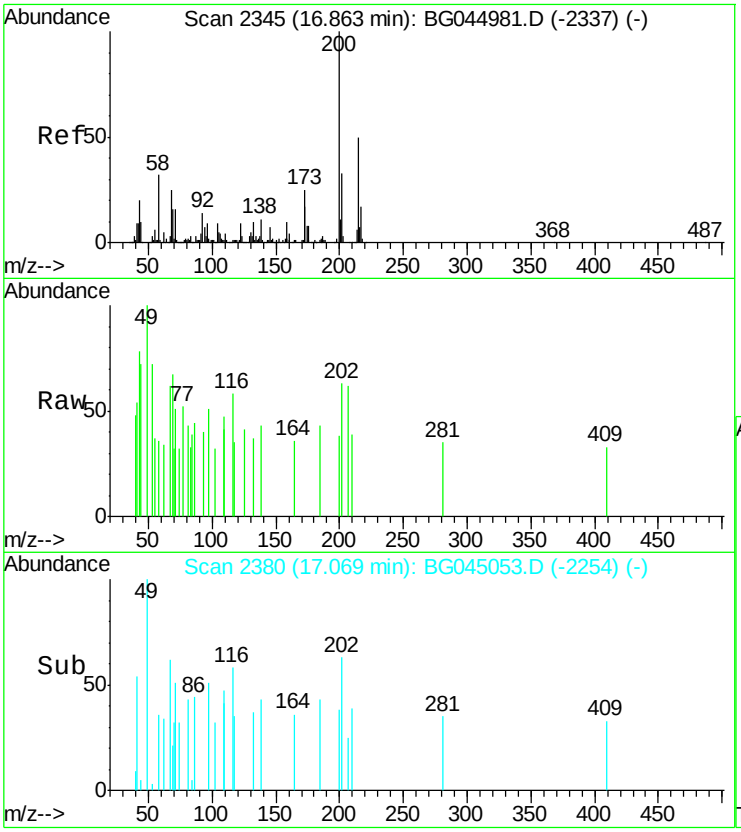


#67
4-Bromophenyl-phenylether
Concen: 4.889 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.44 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Tgt Ion:248 Resp: 31300

Ion	Ratio	Lower	Upper
248	100		
250	189.4	75.4	113.2#
141	474.8	54.4	81.6#



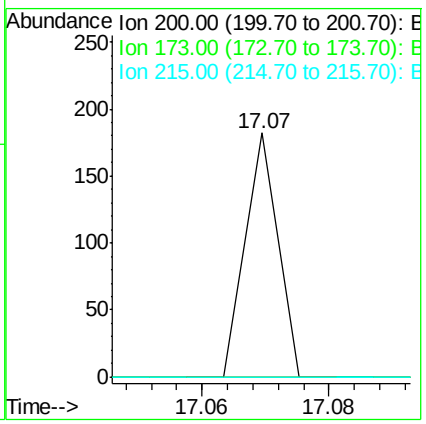


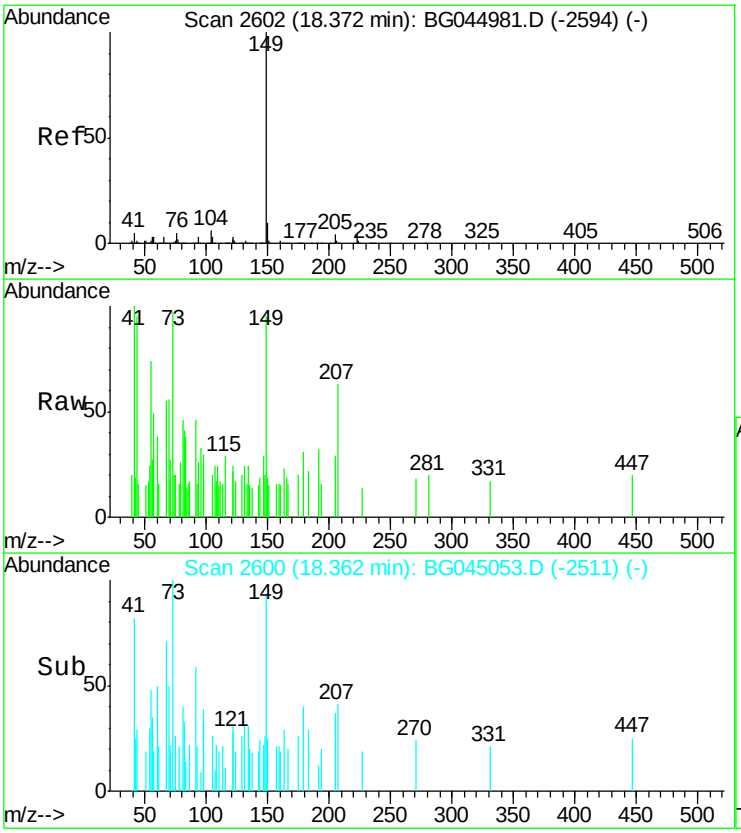
#69
Atrazine
Concen: Below Cal
RT: 17.07 min Scan# 2380
Delta R.T. 0.21 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion:200 Resp: 64

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

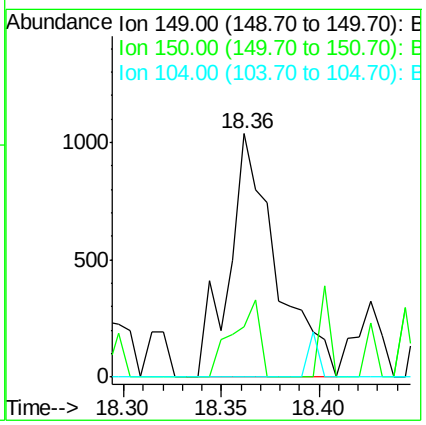


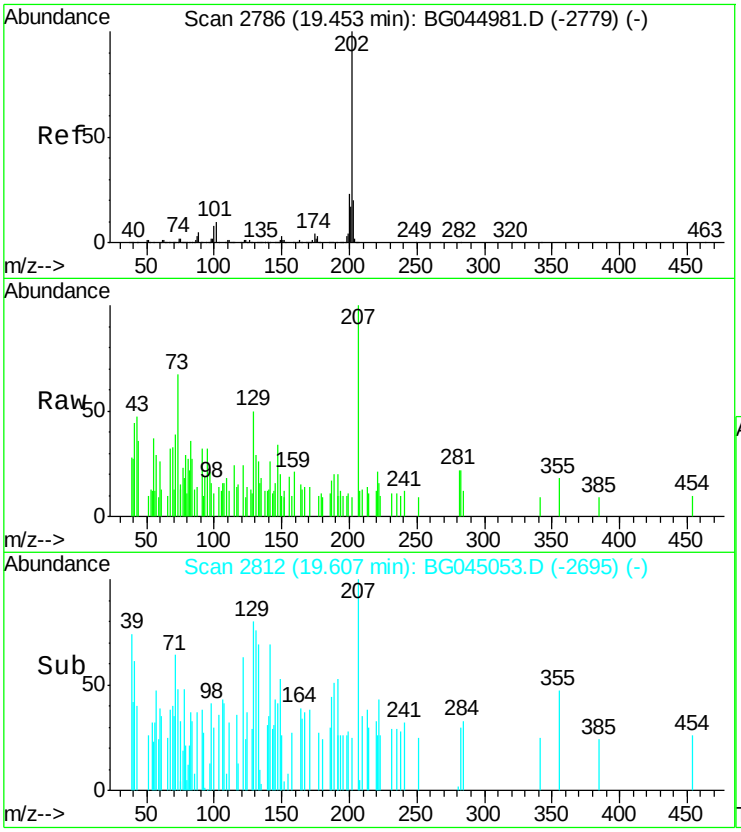


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.36 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Tgt Ion:149 Resp: 1750

Ion	Ratio	Lower	Upper
149	100		
150	20.4	8.2	12.2#
104	0.0	4.8	7.2#



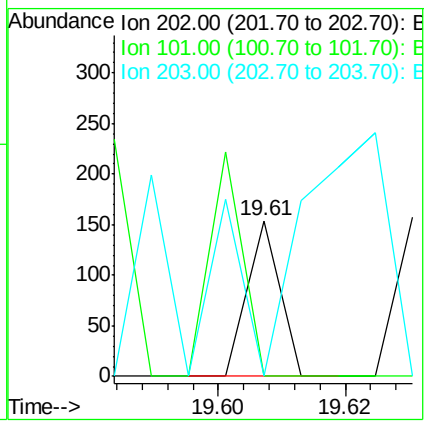


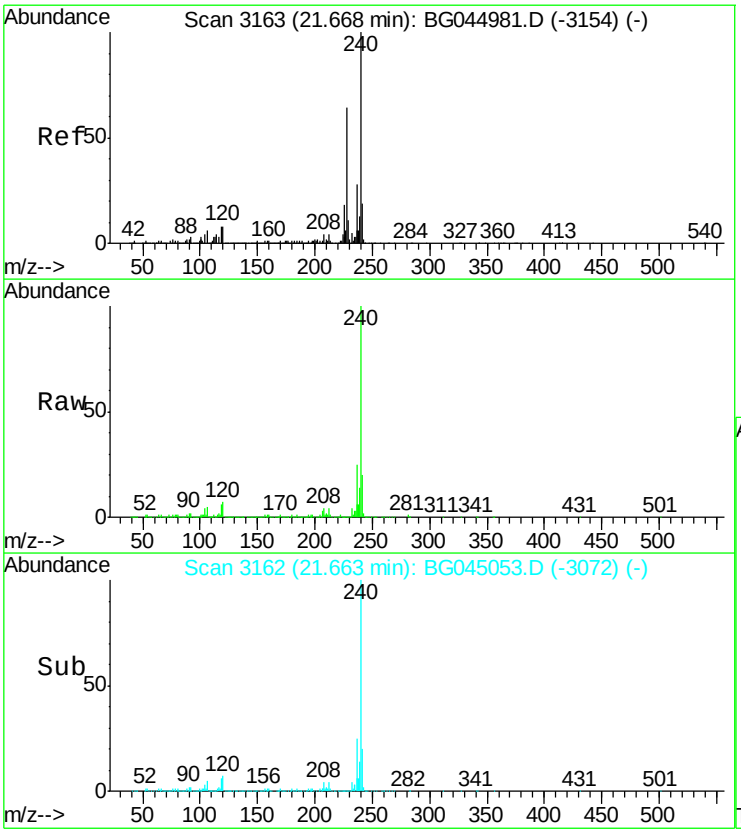
#75
Fluoranthene
Concen: Below Cal
RT: 19.61 min Scan# 2812
Delta R.T. 0.16 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion:202 Resp: 54

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

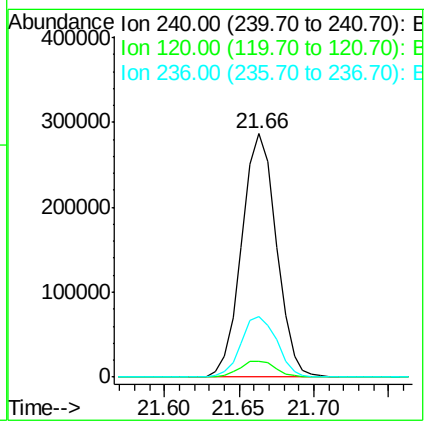


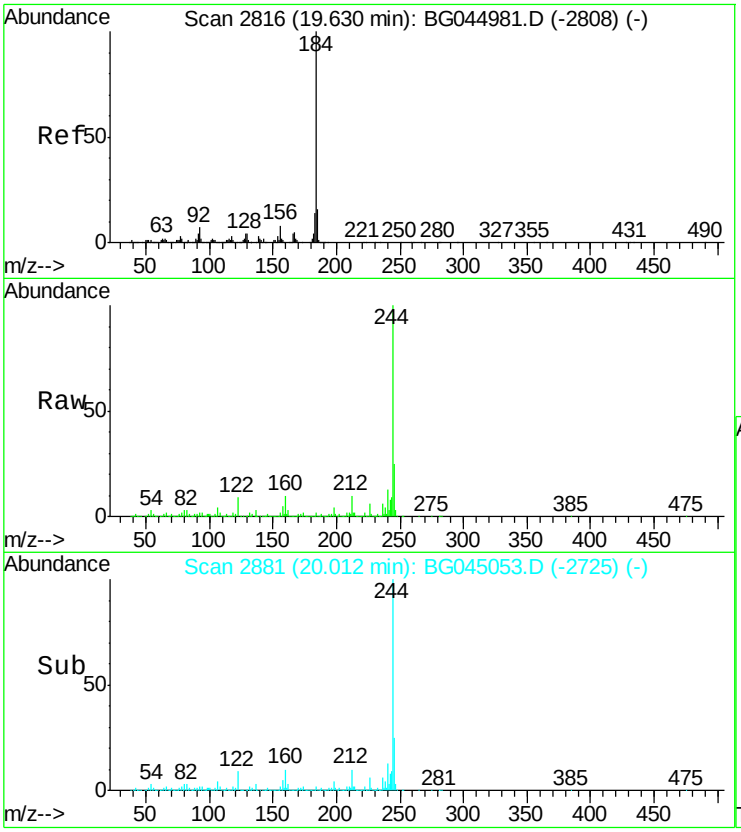


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Tgt Ion:240 Resp: 461111

Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.6	10.0
236	24.7	22.2	33.2



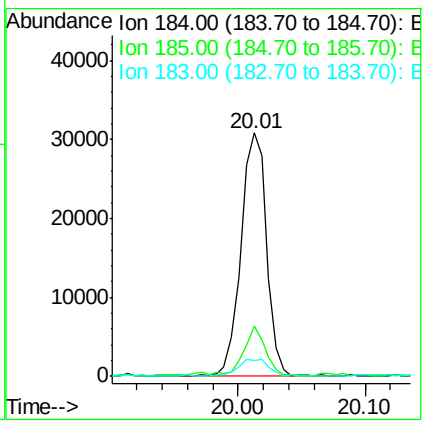


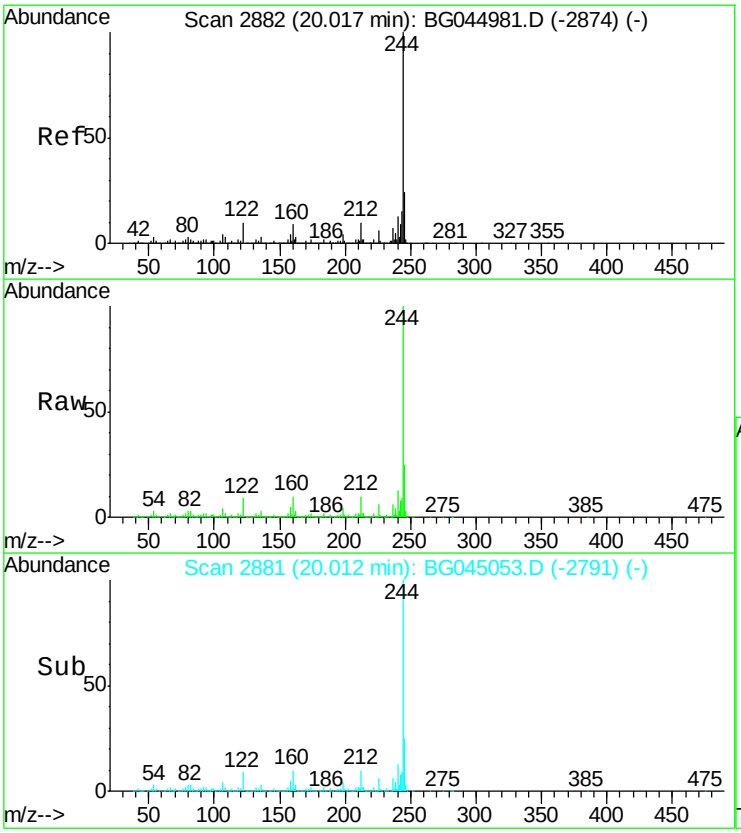
#77
Benzidine
Concen: Below Cal
RT: 20.01 min Scan# 2881
Delta R.T. 0.39 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion:184 Resp: 43070

Ion	Ratio	Lower	Upper
184	100		
185	20.8	12.6	19.0#
183	6.5	11.3	16.9#

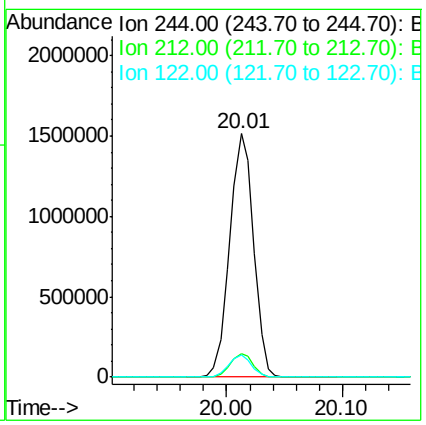


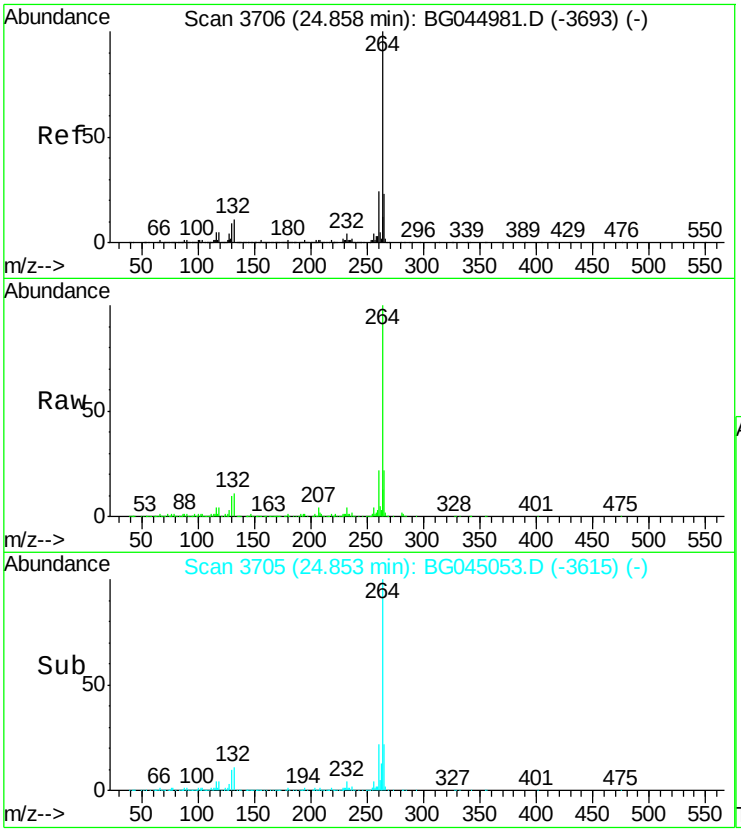


#79
Terphenyl-d14
Concen: 102.222 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Tgt Ion:244 Resp: 2162616

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.9	11.9
122	9.0	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3705
Delta R.T. -0.00 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion:264 Resp: 497768

Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.2	28.8
265	22.3	19.0	28.4