Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045023.D
Acq On : 17 Apr 2020 2:08
Operator : CG/JU
Sample : L2284-18 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-16-B-SA

Quant Time: Apr 17 04:42:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	77940	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	350917	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	259964	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	527075	20.00	ng		0.00
76) Chrysene-d12	21.66	240	417816	20.00	ng		0.00
87) Perylene-d12	24.85	264	452570	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	67461	14.29	ng		0.00
7) Phenol-d6	7.18	99	112261	16.00	ng		0.00
23) Nitrobenzene-d5	9.17	82	74694	9.71	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	56195	13.99	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	212101	11.96	ng		0.00
79) Terphenyl-d14	20.01	244	287637	15.00	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.16	77	129	Below Cal		#	4
19) n-Nitroso-di-n-propylamine	9.18	70	10112	2.039	ng	#	73
32) Benzoic acid	9.93	122	110	6.396	ng	#	46
51) 2,6-Dinitrotoluene	14.65	165	34666	7.322	ng	#	25
57) 2,4-Dinitrotoluene	14.65	165	34666	5.010	ng	#	22
69) Atrazine	16.84	200	71	Below Cal		#	35
74) Di-n-butylphthalate	18.36	149	875	Below Cal		#	76
75) Fluoranthene	19.45	202	49278	Below Cal			98
77) Benzidine	19.62	184	690	Below Cal		#	13

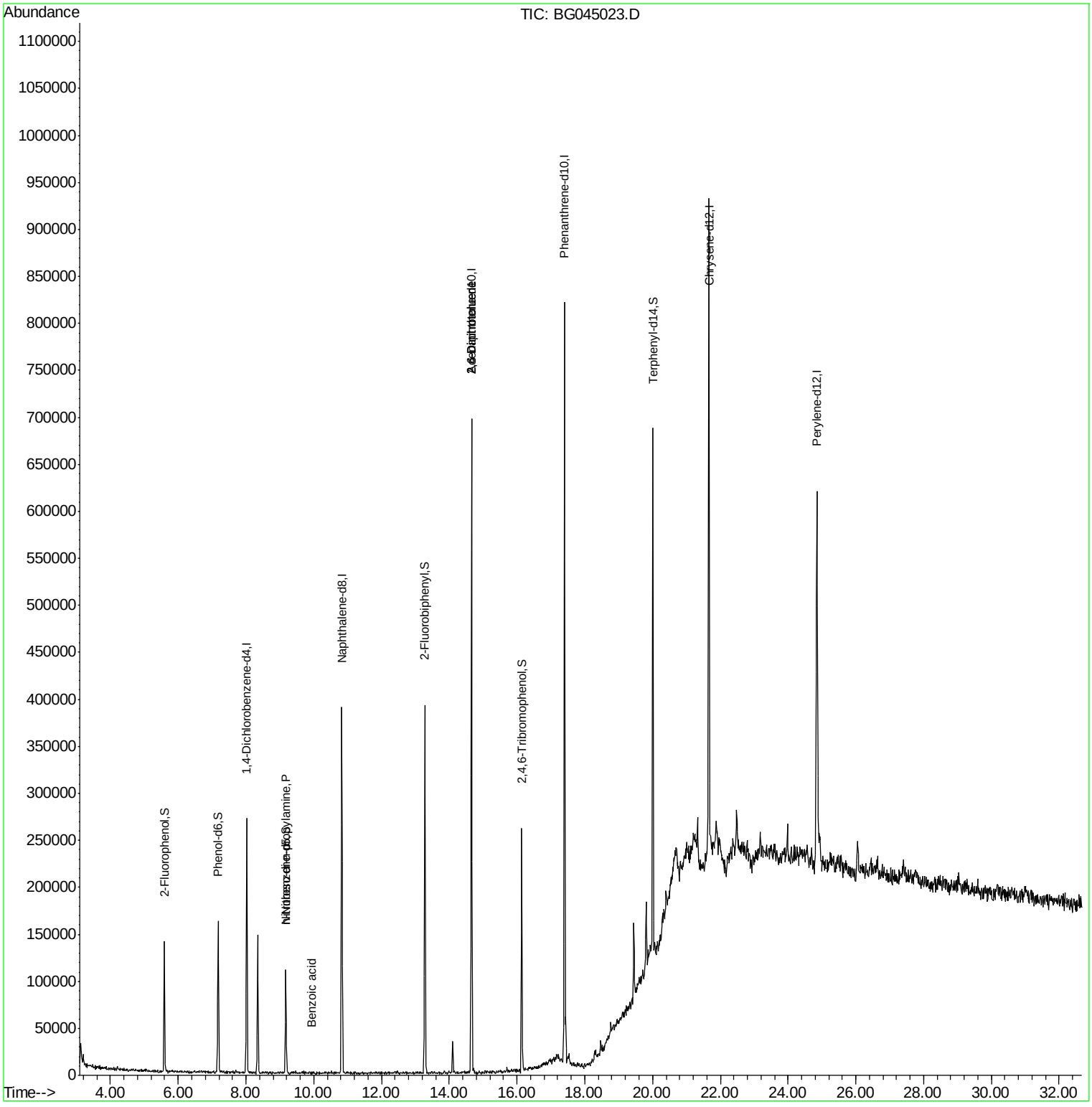
(#) = qualifier out of range (m) = manual integration (+) = signals summed

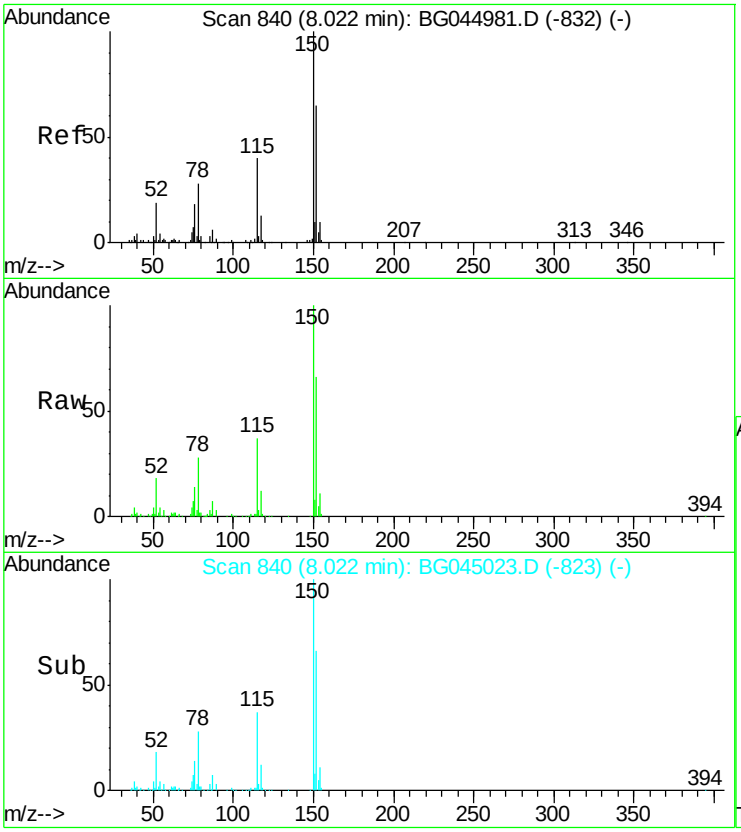
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045023.D
Acq On : 17 Apr 2020 2:08
Operator : CG/JU
Sample : L2284-18 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-16-B-SA

Quant Time: Apr 17 04:42:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
Response via : Initial Calibration



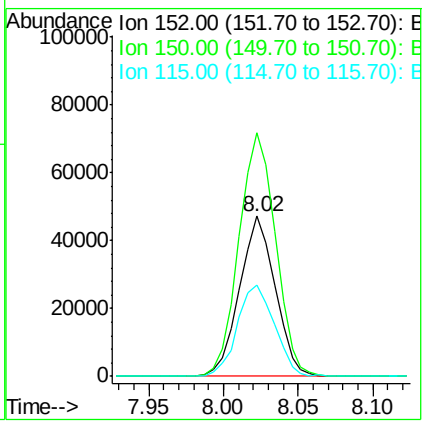


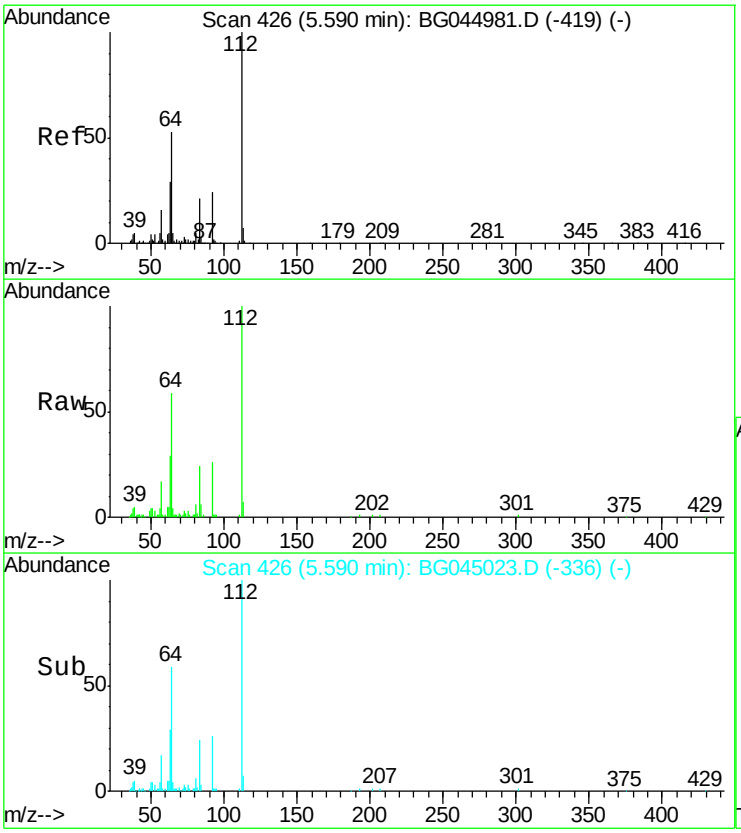
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG045023.D
Acq: 17 Apr 2020 2:08

Instrument :
BNA_G
ClientSampleId :
TP-16-B-SA

Tgt Ion:152 Resp: 77940

Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.6	185.4
115	56.7	49.1	73.7

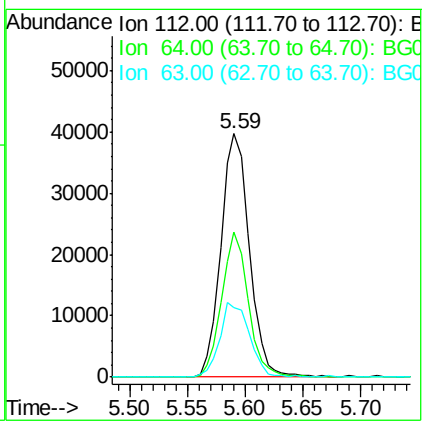


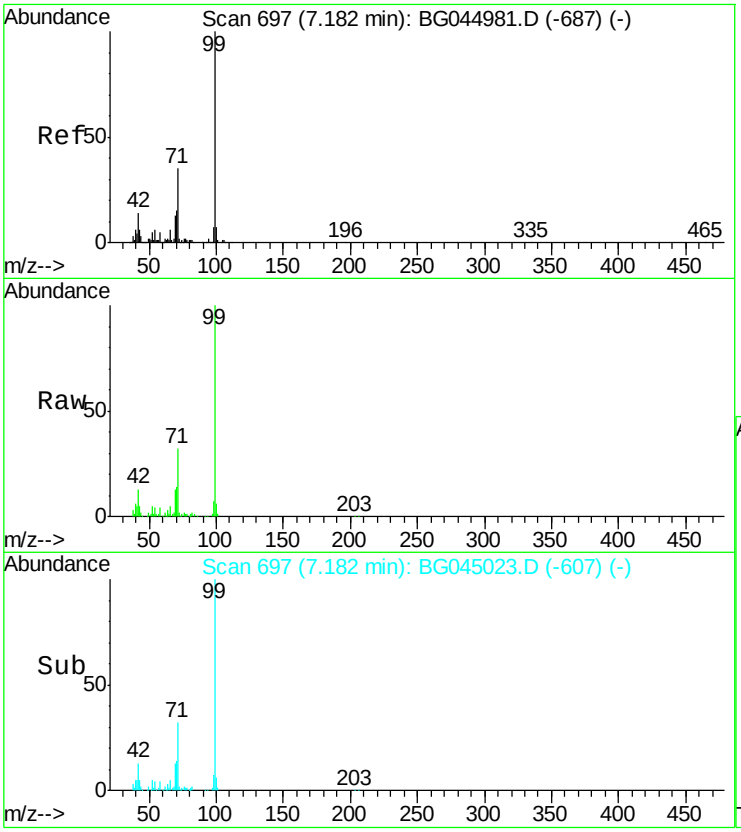


#5
2-Fluorophenol
Concen: 14.290 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG045023.D
Acq: 17 Apr 2020 2:08

Tgt Ion:112 Resp: 67461

Ion	Ratio	Lower	Upper
112	100		
64	59.5	42.4	63.6
63	28.8	23.1	34.7



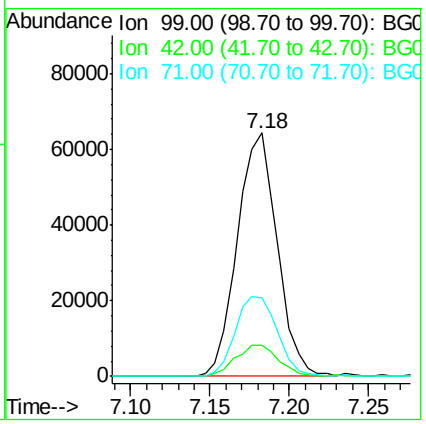


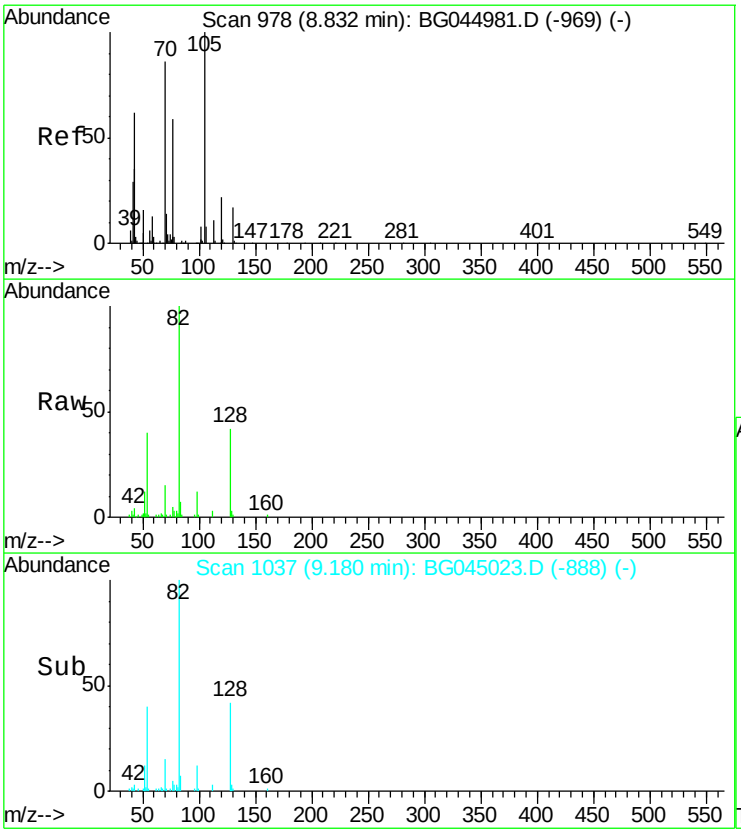
#7
Phenol-d6
Concen: 16.005 ng
RT: 7.18 min Scan# 697
Delta R.T. 0.00 min
Lab File: BG045023.D
Acq: 17 Apr 2020 2:08

Instrument :
BNA_G
ClientSampleId :
TP-16-B-SA

Tgt Ion: 99 Resp: 112261

Ion	Ratio	Lower	Upper
99	100		
42	13.0	11.3	16.9
71	32.2	28.3	42.5

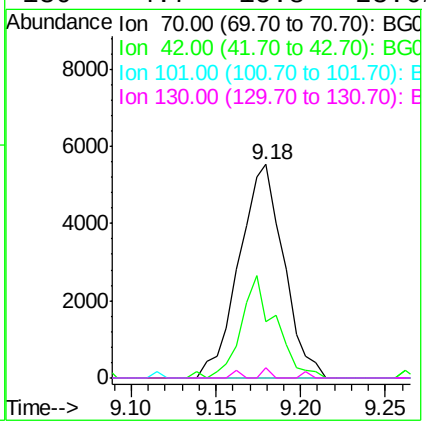


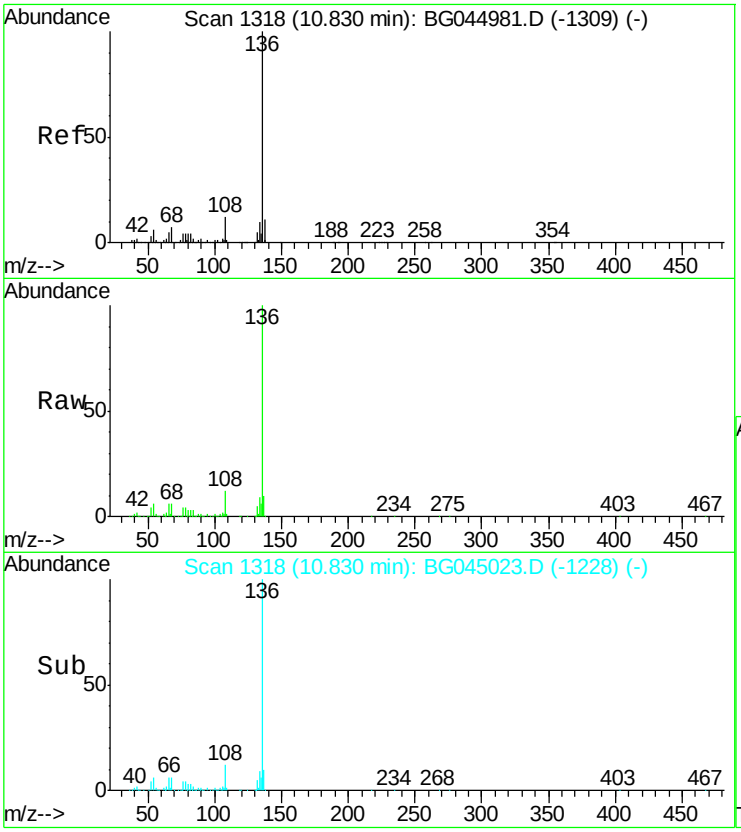


#19
n-Nitroso-di-n-propylamine
Concen: 2.039 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG045023.D
Acq: 17 Apr 2020 2:08

Tgt Ion: 70 Resp: 10112

Ion	Ratio	Lower	Upper
70	100		
42	26.5	33.3	49.9#
101	0.0	7.8	11.8#
130	4.7	15.8	23.6#



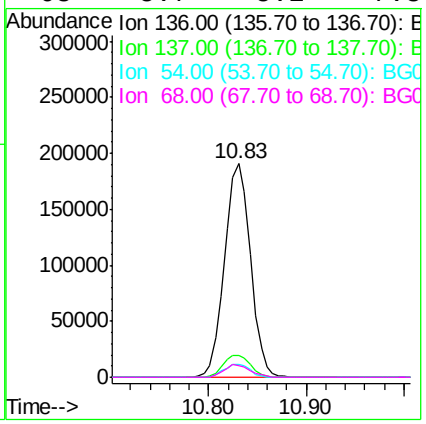


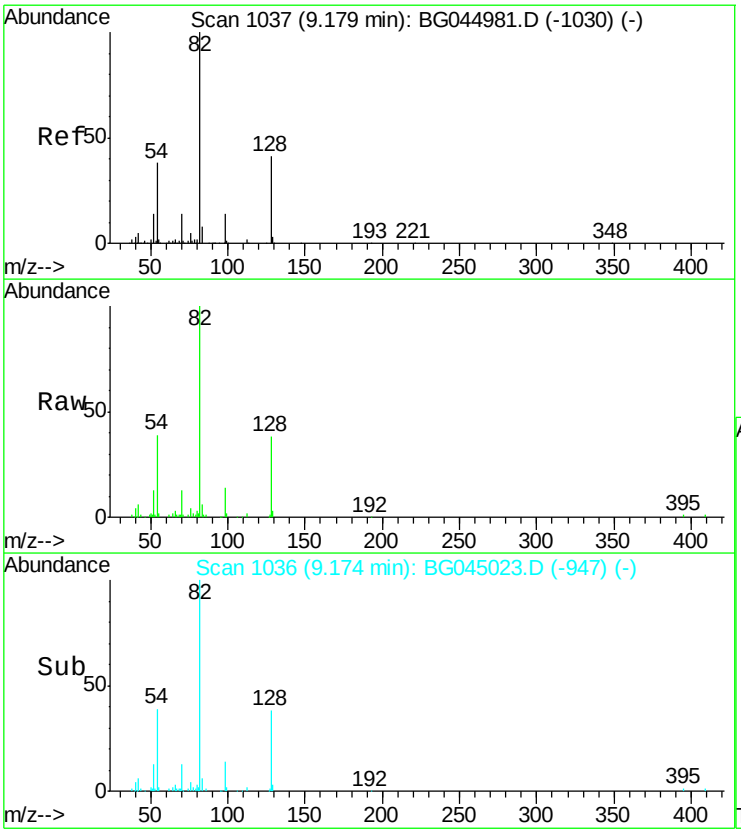
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG045023.D
Acq: 17 Apr 2020 2:08

Instrument :
BNA_G
ClientSampleId :
TP-16-B-SA

Tgt Ion:136 Resp: 350917

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	6.3	4.8	7.2
68	5.7	5.2	7.8

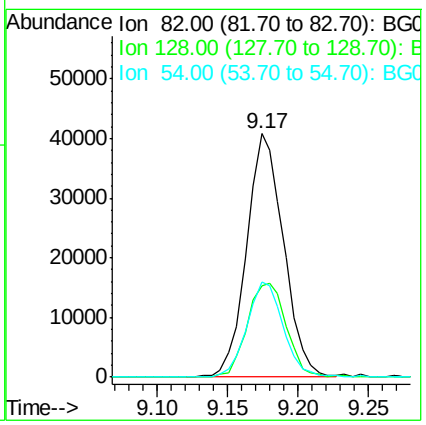


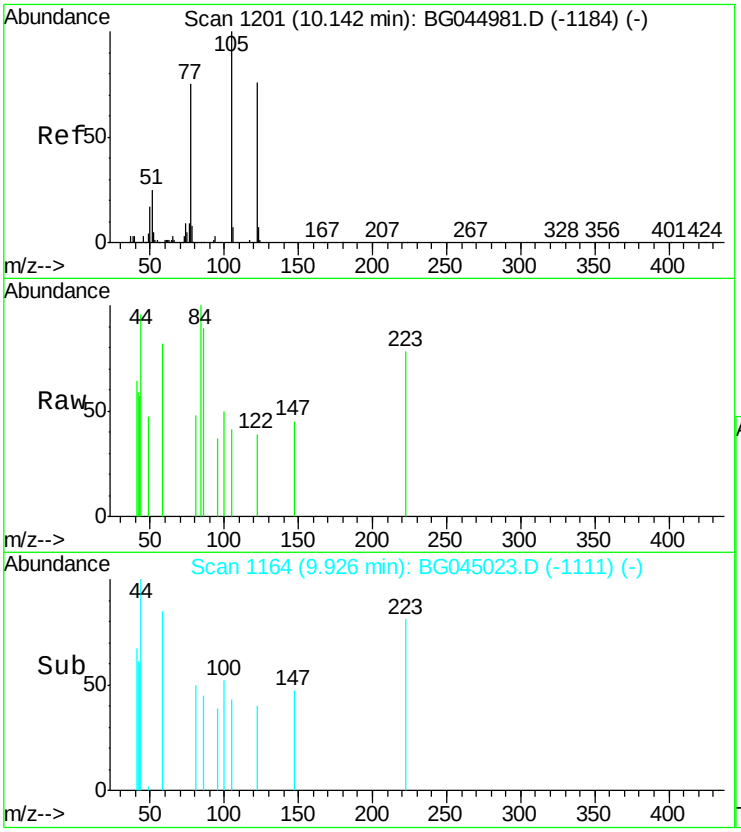


#23
Nitrobenzene-d5
Concen: 9.712 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG045023.D
Acq: 17 Apr 2020 2:08

Tgt Ion: 82 Resp: 74694

Ion	Ratio	Lower	Upper
82	100		
128	37.8	33.0	49.4
54	39.1	30.4	45.6



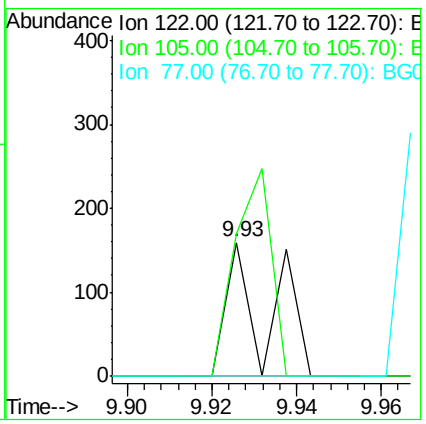


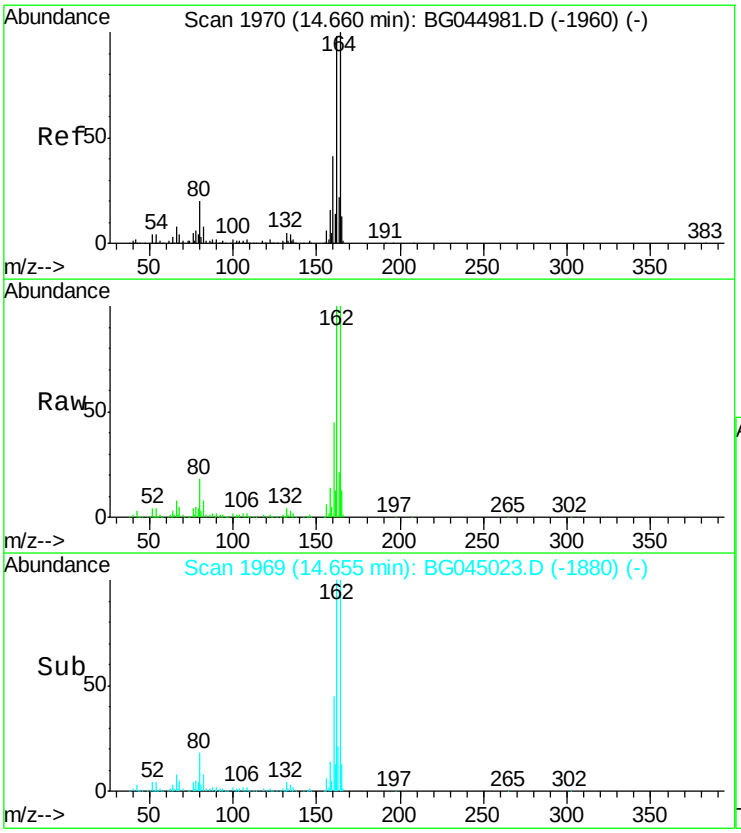
#32
Benzoic acid
Concen: 6.396 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.22 min
Lab File: BG045023.D
Acq: 17 Apr 2020 2:08

Instrument :
BNA_G
ClientSampleId :
TP-16-B-SA

Tgt Ion:122 Resp: 110

Ion	Ratio	Lower	Upper
122	100		
105	106.3	108.4	148.4#
77	0.0	78.8	118.8#

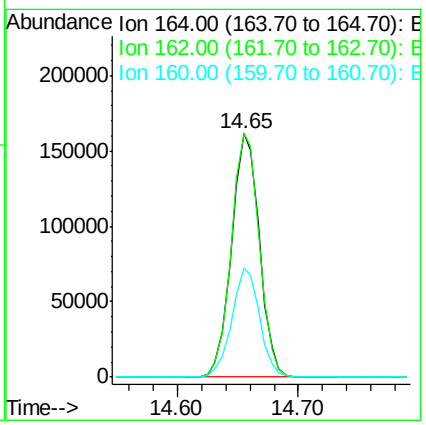


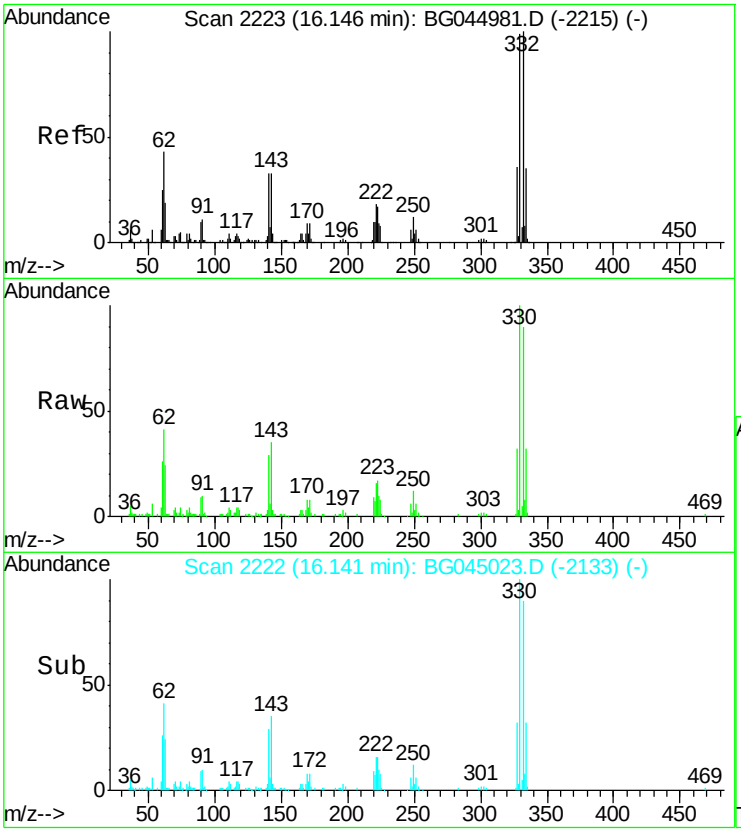


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG045023.D
Acq: 17 Apr 2020 2:08

Tgt Ion:164 Resp: 259964

Ion	Ratio	Lower	Upper
164	100		
162	99.9	78.7	118.1
160	44.9	32.8	49.2



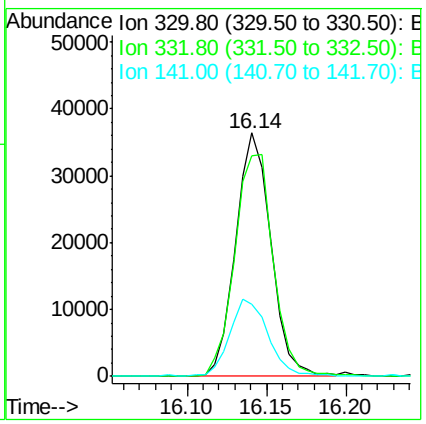


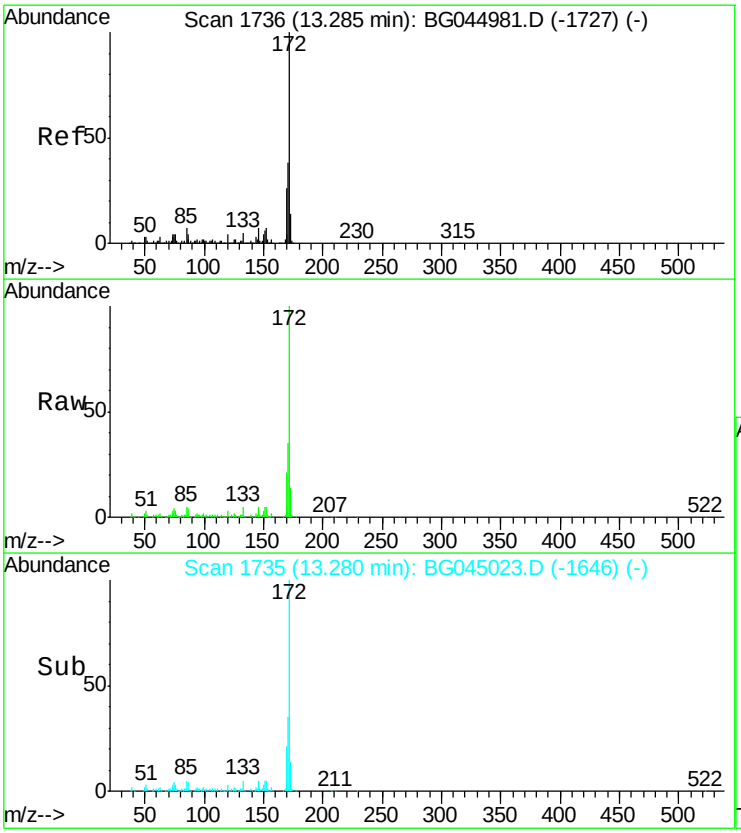
#42
2,4,6-Tribromophenol
Concen: 13.992 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG045023.D
Acq: 17 Apr 2020 2:08

Instrument :
BNA_G
ClientSampleId :
TP-16-B-SA

Tgt Ion:330 Resp: 56195

Ion	Ratio	Lower	Upper
330	100		
332	99.6	79.1	118.7
141	34.6	27.1	40.7

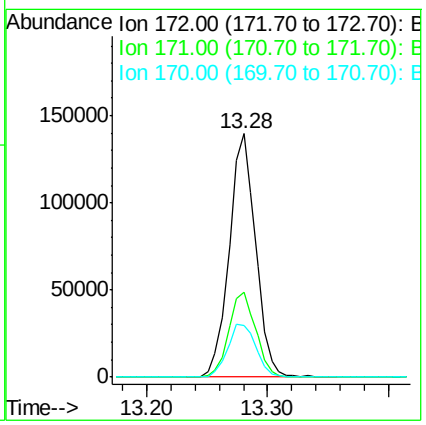


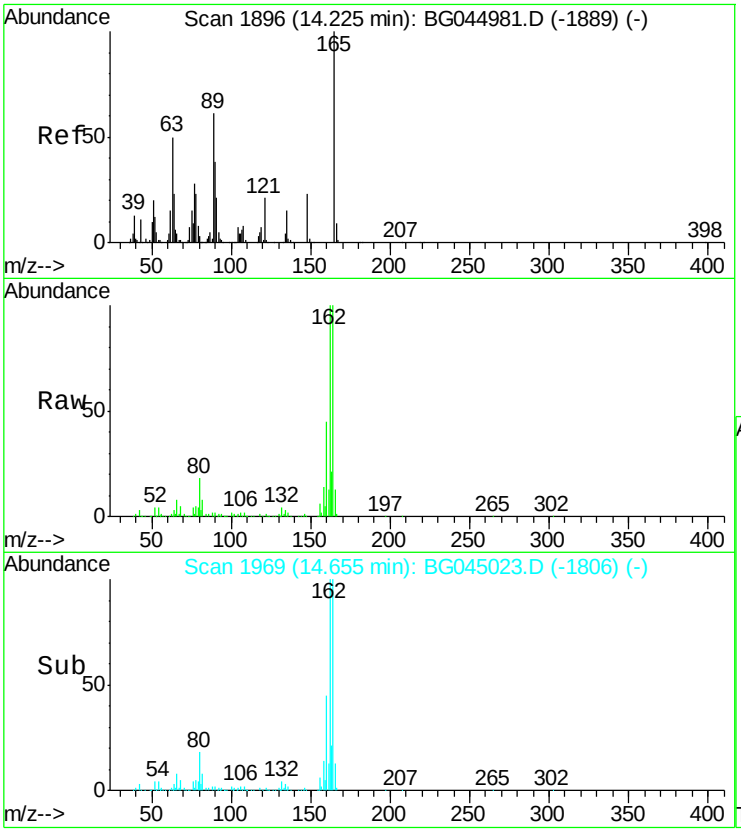


#45
2-Fluorobiphenyl
Concen: 11.963 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG045023.D
Acq: 17 Apr 2020 2:08

Tgt Ion:172 Resp: 212101

Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.6	46.0
170	21.0	20.5	30.7



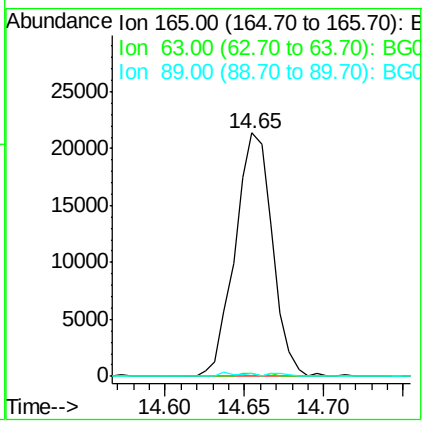


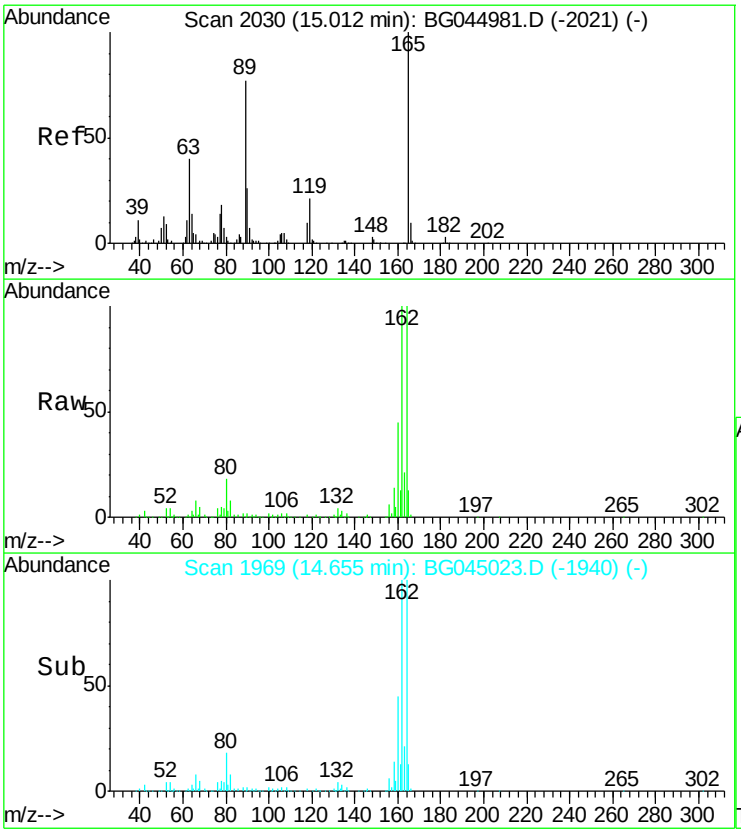
#51
2,6-Dinitrotoluene
Concen: 7.322 ng
RT: 14.65 min Scan# 1969
Delta R.T. 0.43 min
Lab File: BG045023.D
Acq: 17 Apr 2020 2:08

Instrument :
BNA_G
ClientSampleId :
TP-16-B-SA

Tgt Ion:165 Resp: 34666

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.4	60.6#
89	1.1	49.1	73.7#

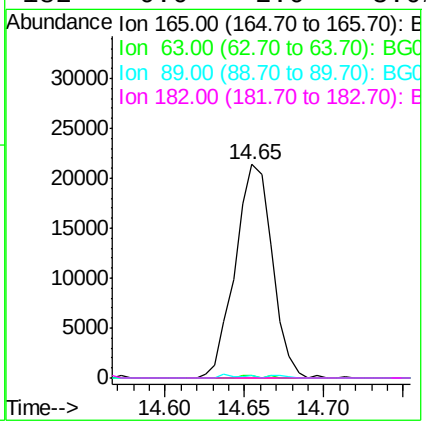


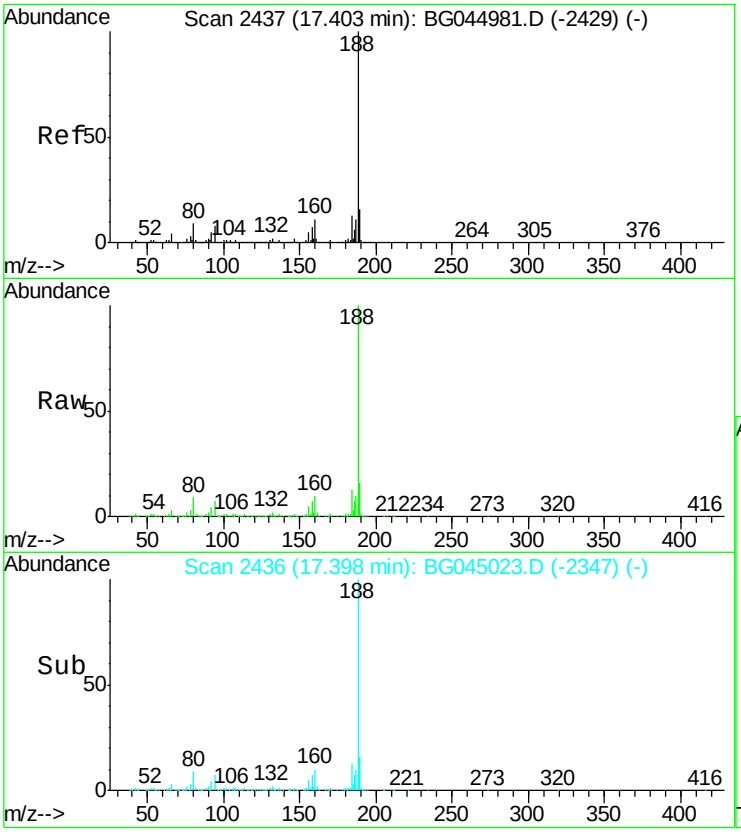


#57
2,4-Dinitrotoluene
Concen: 5.010 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.36 min
Lab File: BG045023.D
Acq: 17 Apr 2020 2:08

Tgt Ion:165 Resp: 34666

Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.2	48.2#
89	1.1	61.7	92.5#
182	0.0	2.0	3.0#



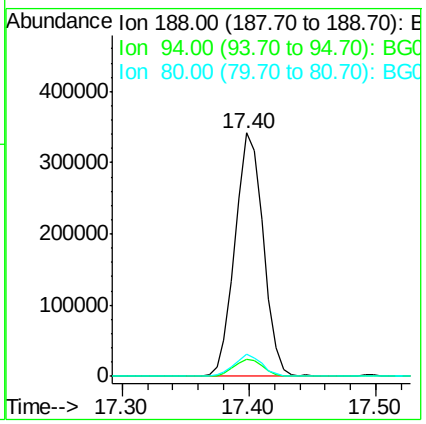


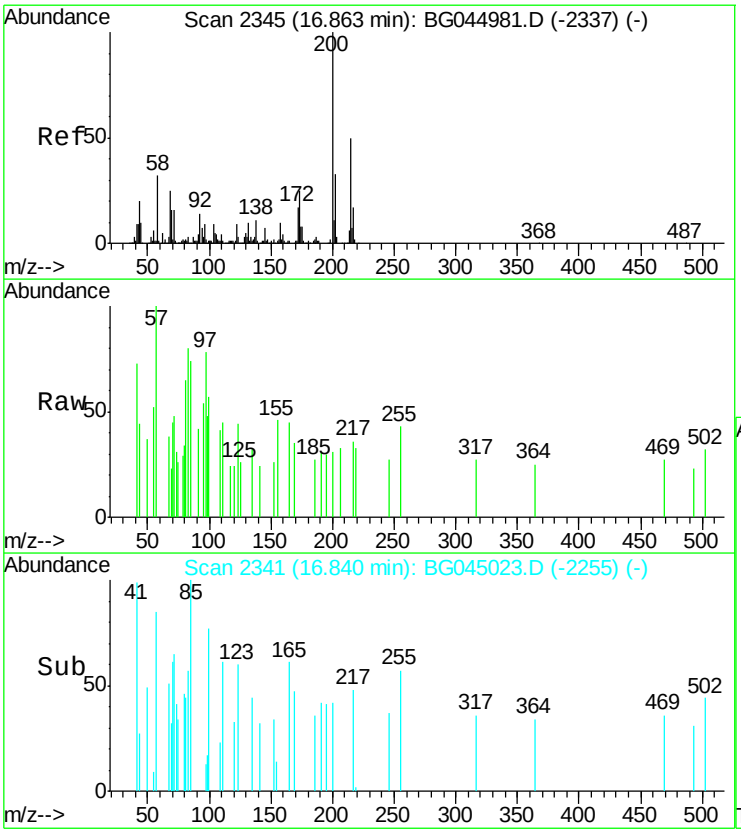
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG045023.D
Acq: 17 Apr 2020 2:08

Instrument :
BNA_G
ClientSampleId :
TP-16-B-SA

Tgt Ion:188 Resp: 527075

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.2	9.4
80	9.0	7.0	10.6

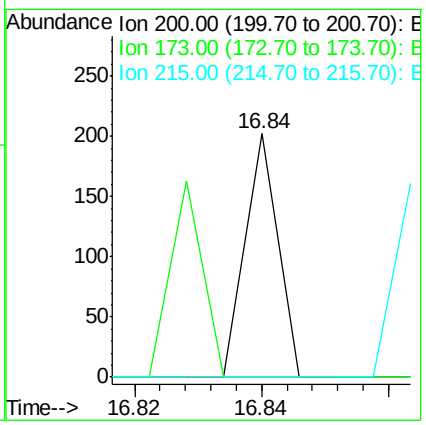


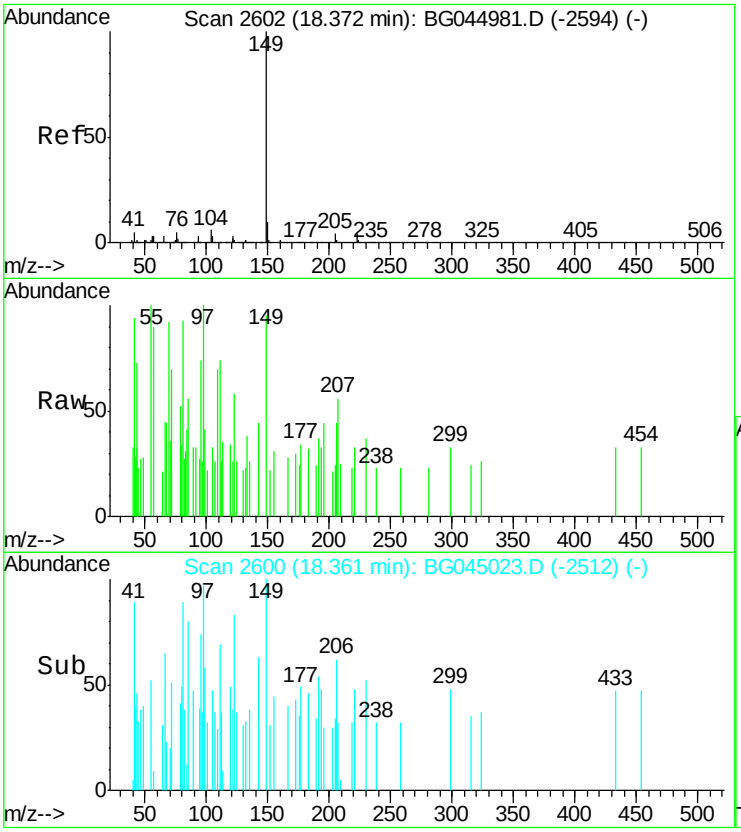


#69
Atrazine
Concen: Below Cal
RT: 16.84 min Scan# 2341
Delta R.T. -0.02 min
Lab File: BG045023.D
Acq: 17 Apr 2020 2:08

Tgt Ion:200 Resp: 71

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



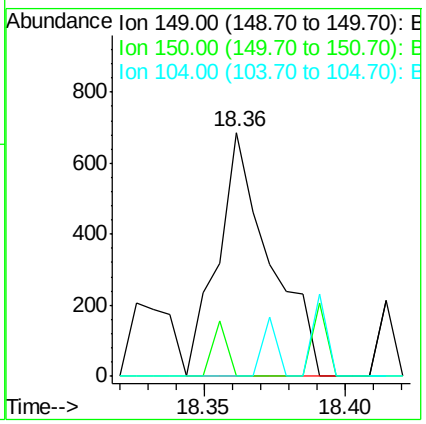


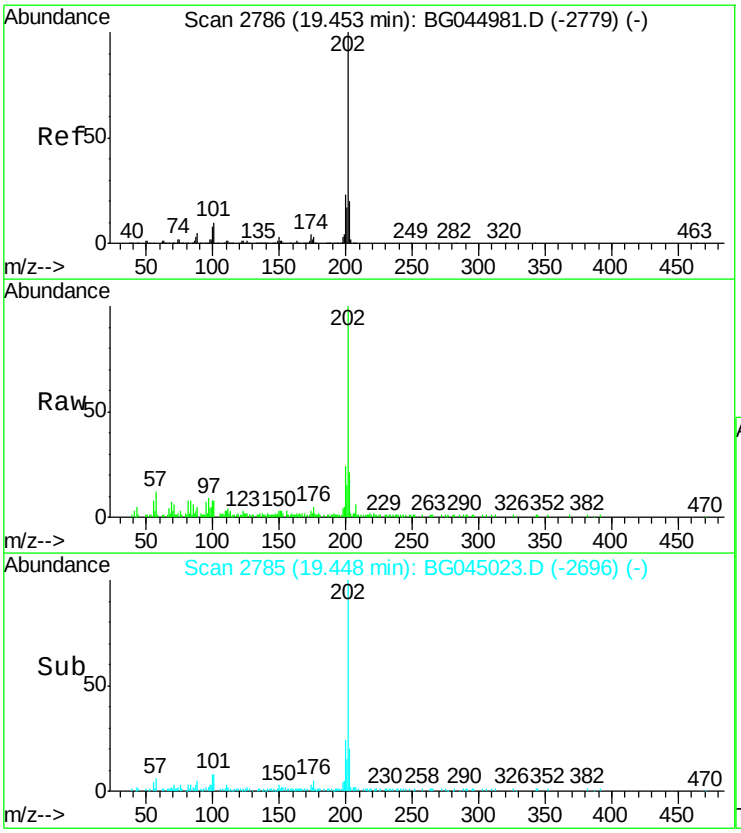
#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.36 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BG045023.D
Acq: 17 Apr 2020 2:08

Instrument :
BNA_G
ClientSampleId :
TP-16-B-SA

Tgt Ion:149 Resp: 875

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

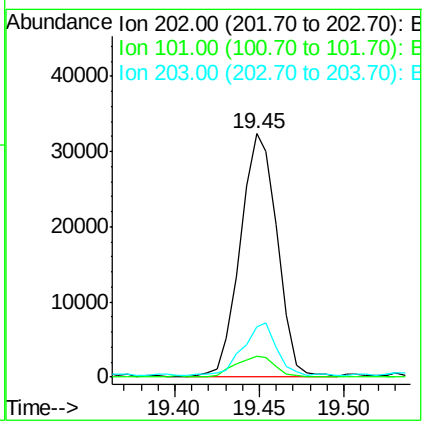


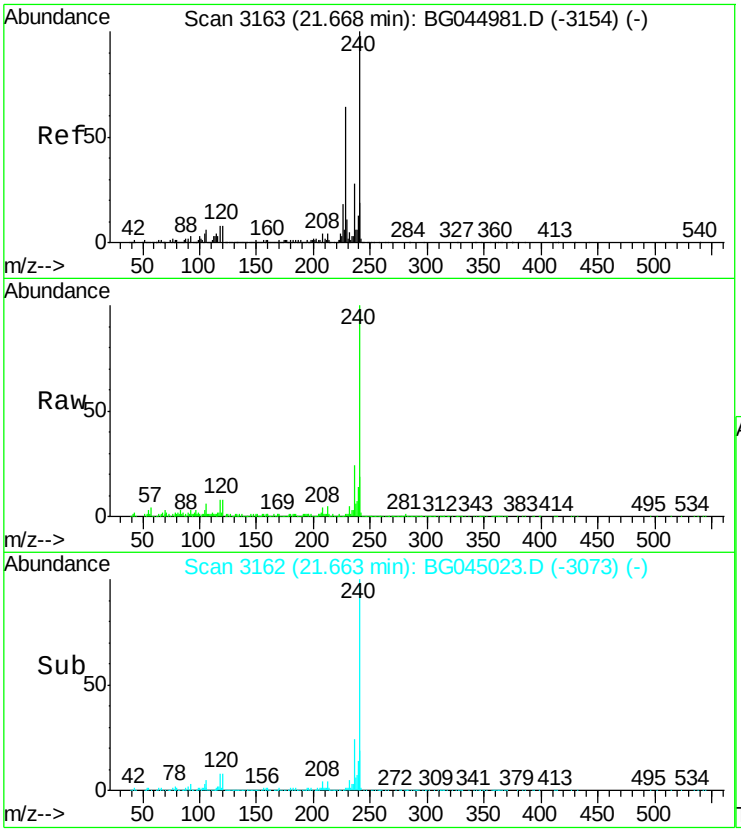


#75
Fluoranthene
Concen: Below Cal
RT: 19.45 min Scan# 2785
Delta R.T. -0.00 min
Lab File: BG045023.D
Acq: 17 Apr 2020 2:08

Tgt Ion:202 Resp: 49278

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	29.6
203	20.5	0.0	39.7



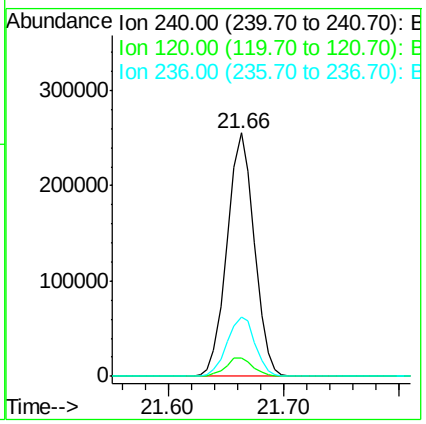


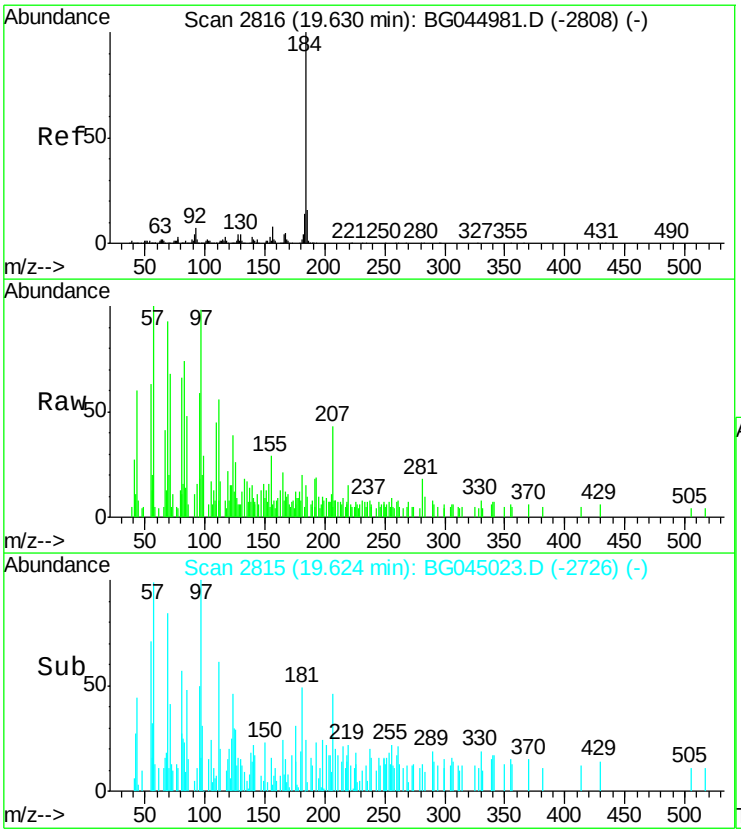
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG045023.D
Acq: 17 Apr 2020 2:08

Instrument :
BNA_G
ClientSampleId :
TP-16-B-SA

Tgt Ion:240 Resp: 417816

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.6	10.0
236	24.2	22.2	33.2

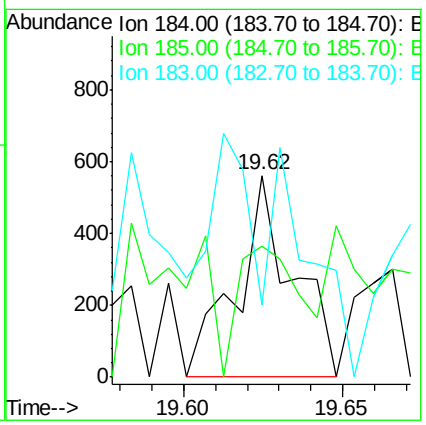


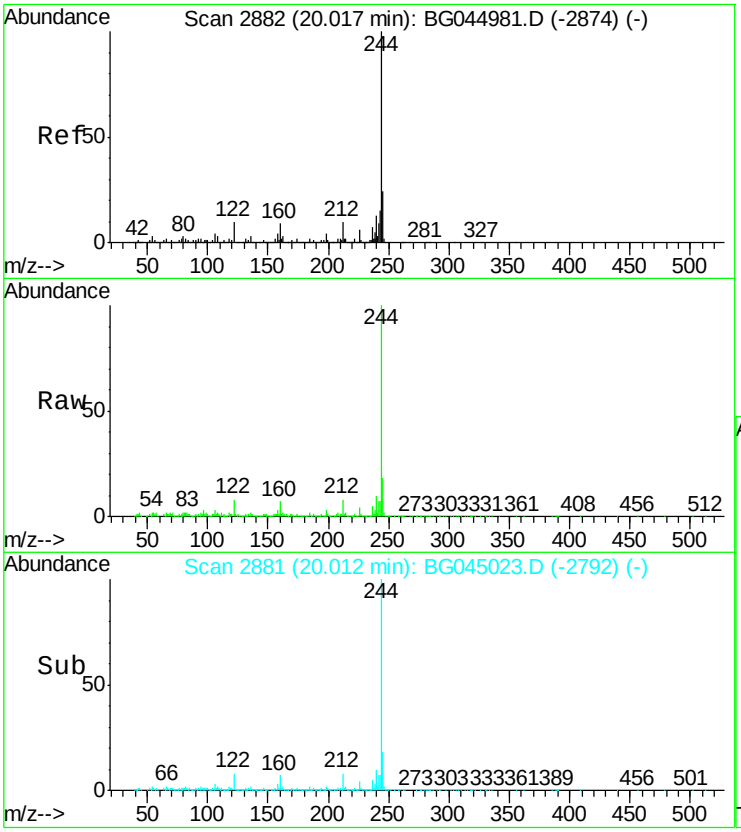


#77
Benzidine
Concen: Below Cal
RT: 19.62 min Scan# 2815
Delta R.T. -0.00 min
Lab File: BG045023.D
Acq: 17 Apr 2020 2:08

Tgt Ion:184 Resp: 690

Ion	Ratio	Lower	Upper
184	100		
185	65.1	12.6	19.0#
183	35.9	11.3	16.9#



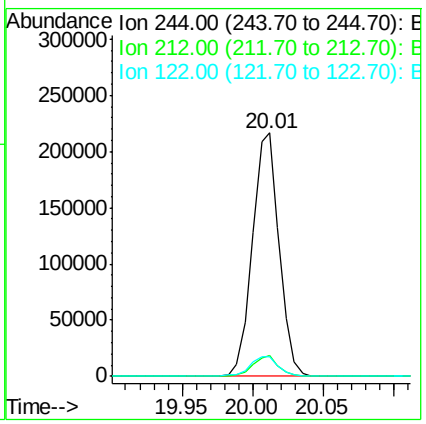


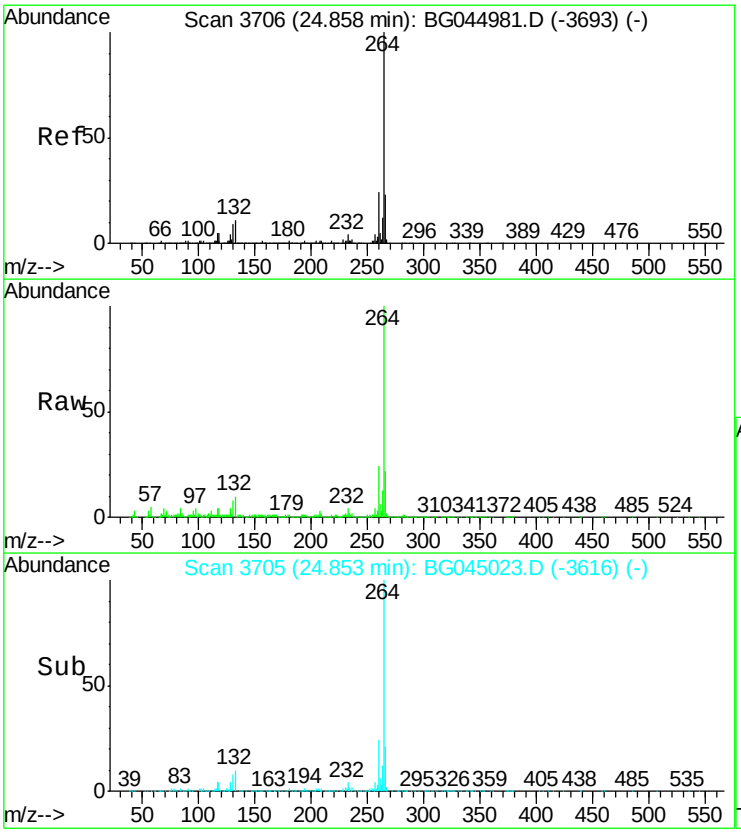
#79
Terphenyl-d14
Concen: 15.005 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG045023.D
Acq: 17 Apr 2020 2:08

Instrument :
BNA_G
ClientSampleId :
TP-16-B-SA

Tgt Ion:244 Resp: 287637

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.9	11.9
122	8.0	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG045023.D
Acq: 17 Apr 2020 2:08

Tgt Ion:264 Resp: 452570

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	19.0	28.4