Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045337.D
Acq On : 12 May 2020 20:26
Operator : CG/JU
Sample : L2571-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 13 01:04:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 15:48:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	70943	20.00	ng		0.00
21) Naphthalene-d8	10.78	136	265222	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	187688	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	435881	20.00	ng		0.00
76) Chrysene-d12	21.62	240	439139	20.00	ng		0.00
87) Perylene-d12	24.79	264	466126	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	505346	117.60	ng		0.00
7) Phenol-d6	7.14	99	640932	100.39	ng		0.00
23) Nitrobenzene-d5	9.13	82	532626	91.63	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	396637	136.79	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	1145963	89.53	ng		0.00
79) Terphenyl-d14	19.98	244	1997806	99.16	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.77	42	7457	4.140	ng	#	1
9) Benzaldehyde	7.11	77	457	Below Cal		#	49
10) Phenol	7.17	94	14486	2.267	ng	#	63
19) n-Nitroso-di-n-propylamine	9.13	70	70490	15.612	ng	#	81
20) 3+4-Methylphenols	8.74	107	78975	11.446	ng		91
32) Benzoic acid	10.06	122	6832	8.175	ng	#	85
50) Dimethylphthalate	14.06	163	79670	5.213	ng		99
57) 2,4-Dinitrotoluene	14.61	165	24299	4.864	ng	#	22
67) 4-Bromophenyl-phenylether	16.11	248	28220	5.018	ng	#	1
69) Atrazine	16.77	200	55	Below Cal		#	35
74) Di-n-butylphthalate	18.33	149	5149	Below Cal		#	95
75) Fluoranthene	19.56	202	58	Below Cal			62
77) Benzidine	19.98	184	38699	Below Cal		#	94

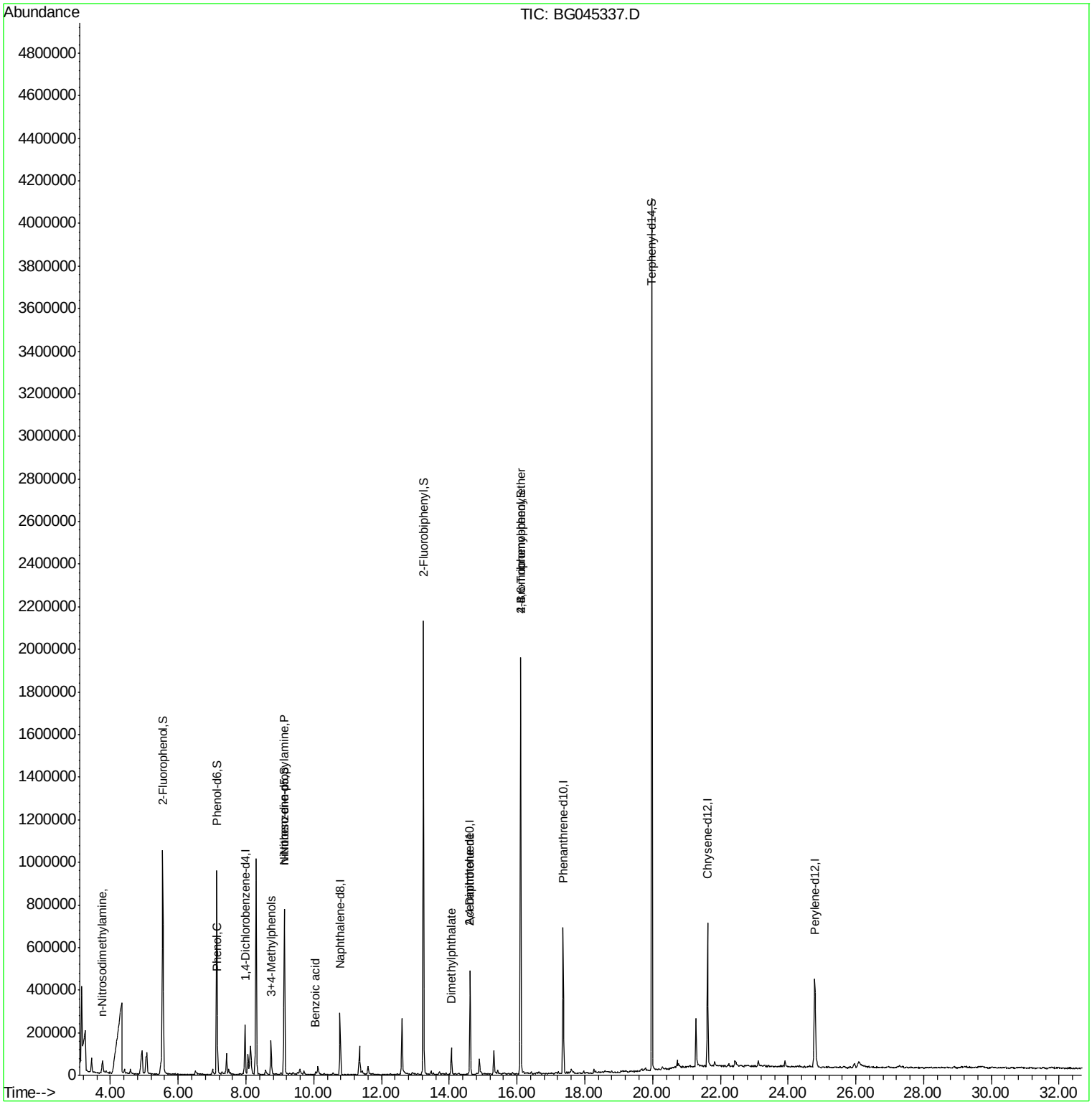
(#) = qualifier out of range (m) = manual integration (+) = signals summed

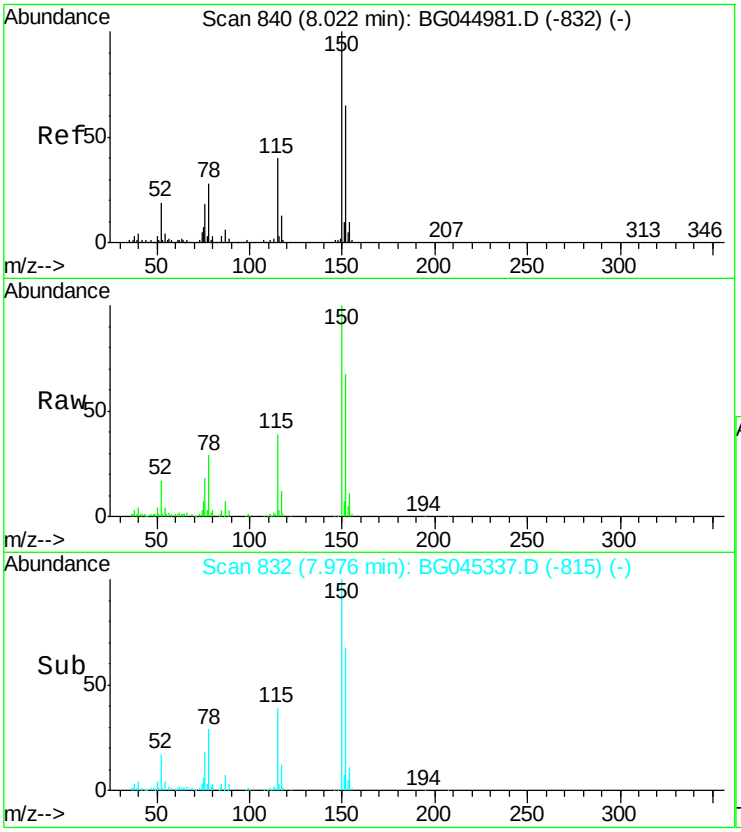
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045337.D
Acq On : 12 May 2020 20:26
Operator : CG/JU
Sample : L2571-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 13 01:04:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 15:48:20 2020
Response via : Initial Calibration



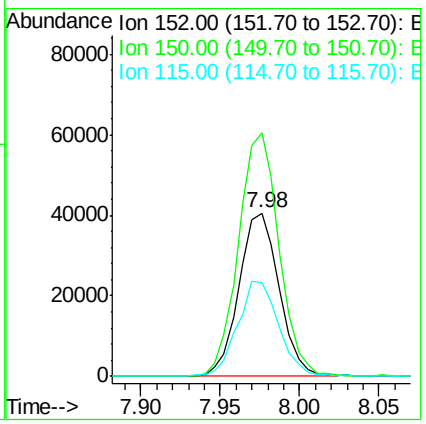


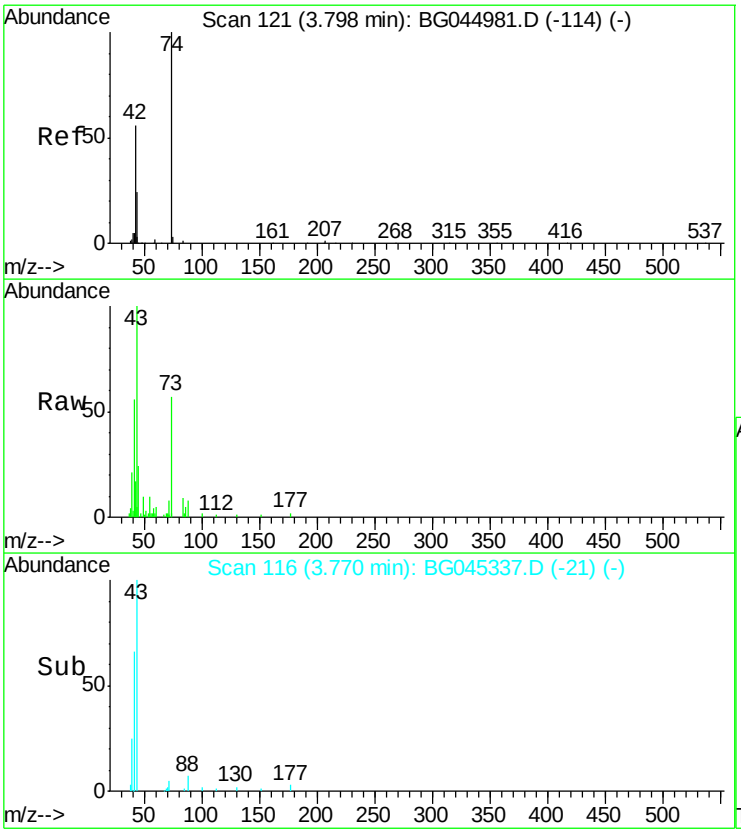
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 70943

Ion	Ratio	Lower	Upper
152	100		
150	149.2	123.6	185.4
115	57.7	49.1	73.7

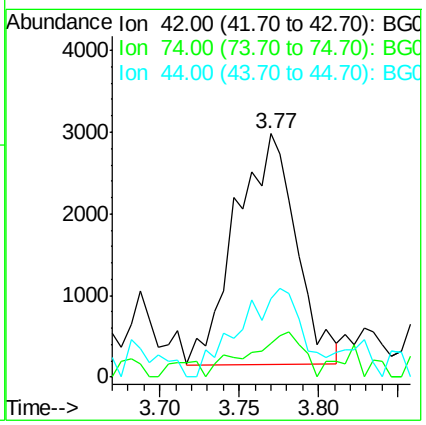


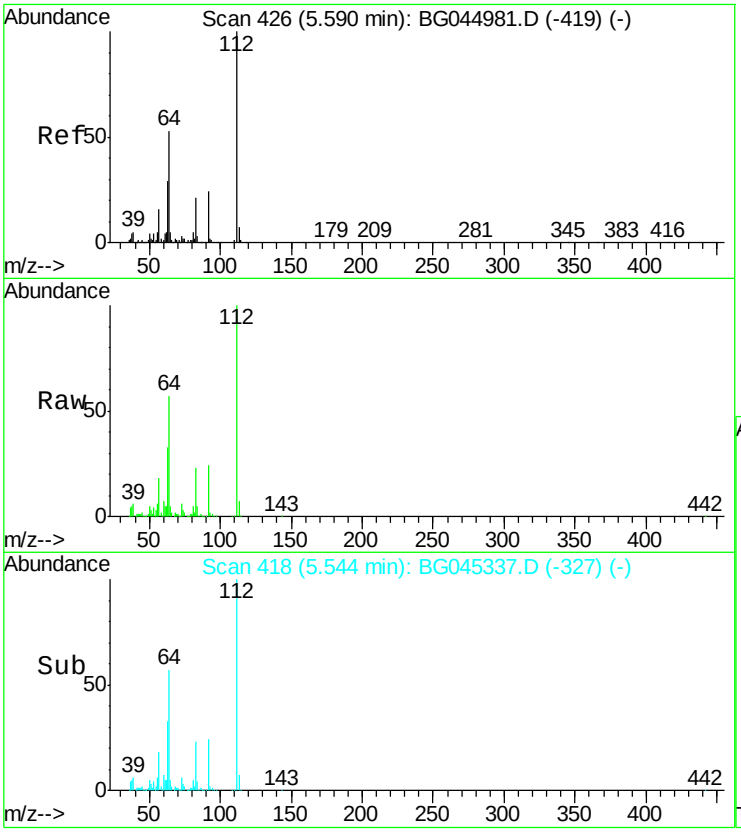


#4
n-Nitrosodimethylamine
Concen: 4.140 ng
RT: 3.77 min Scan# 116
Delta R.T. 0.03 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Tgt Ion: 42 Resp: 7457

Ion	Ratio	Lower	Upper
42	100		
74	13.7	143.0	214.6#
44	32.2	4.6	6.8#



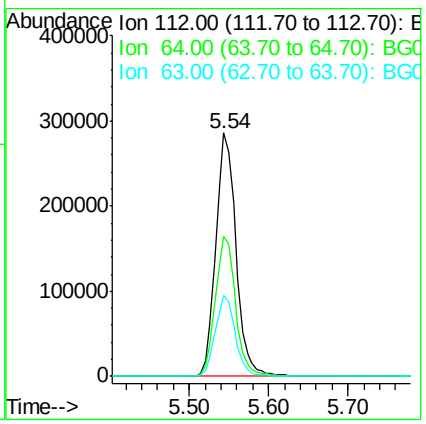


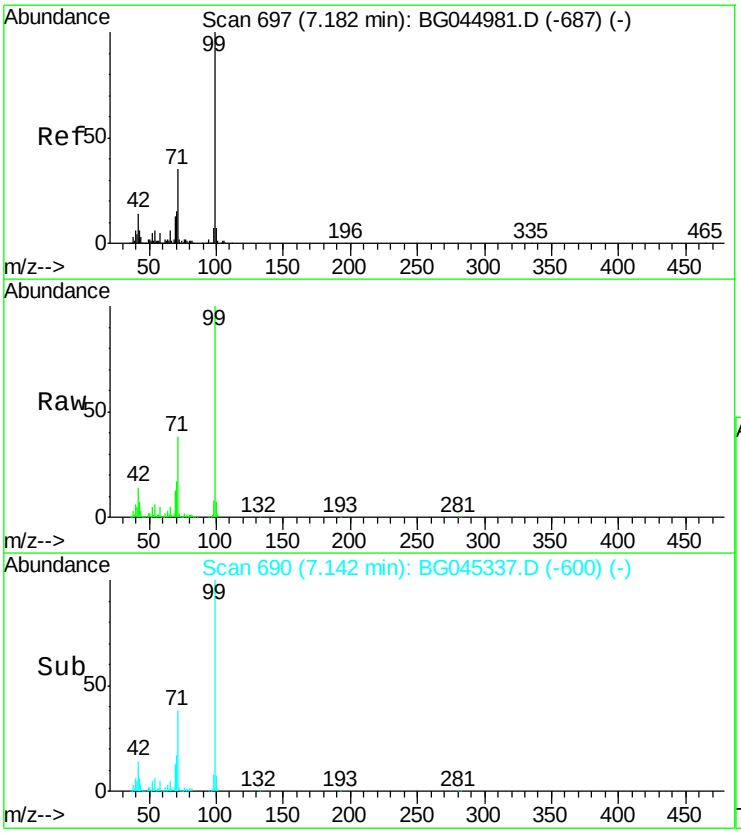
#5
2-Fluorophenol
Concen: 117.601 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.00 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 505346

Ion	Ratio	Lower	Upper
112	100		
64	57.4	42.4	63.6
63	33.3	23.1	34.7

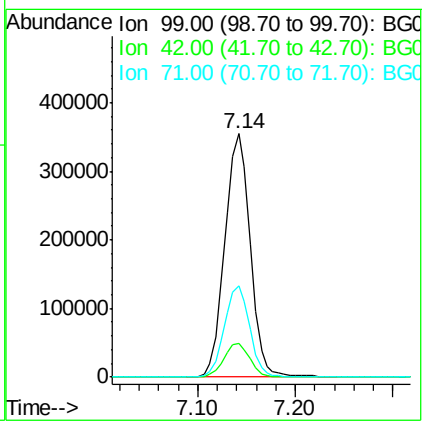


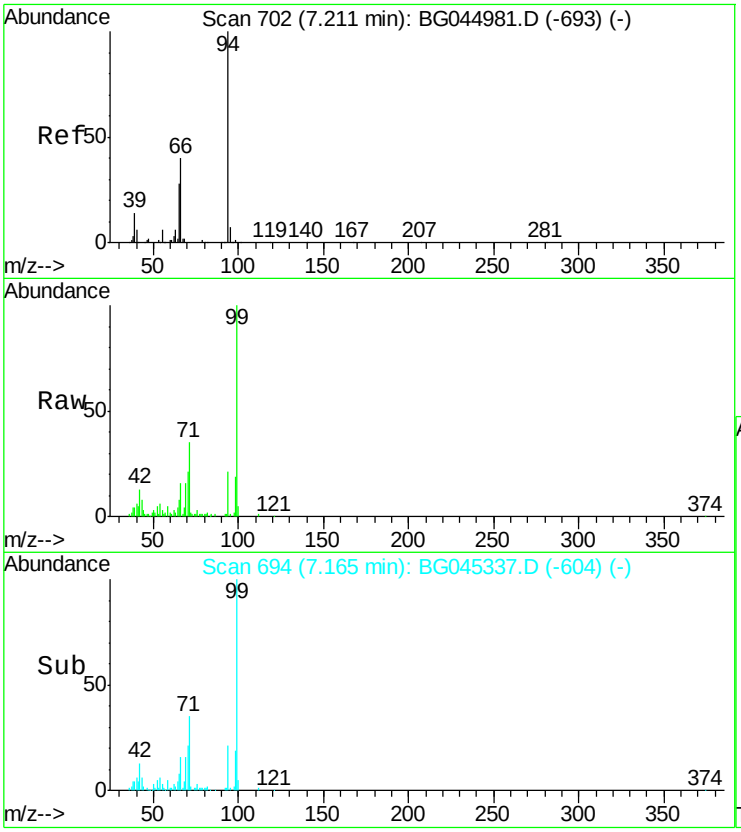


#7
Phenol-d6
Concen: 100.390 ng
RT: 7.14 min Scan# 690
Delta R.T. -0.00 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Tgt Ion: 99 Resp: 640932

Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.3	16.9
71	37.7	28.3	42.5



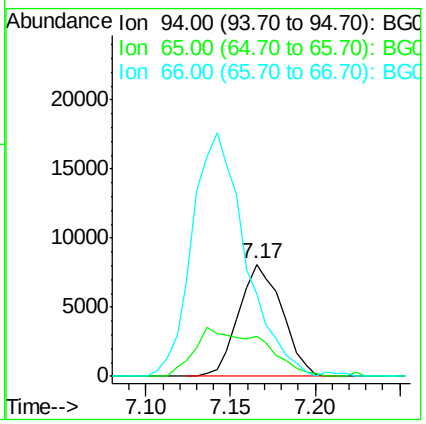


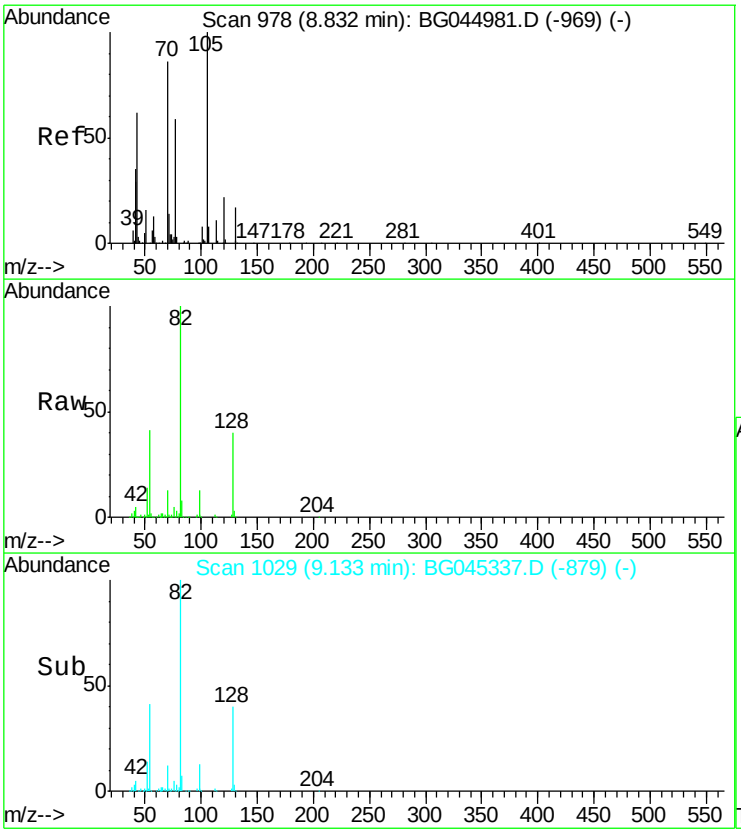
#10
Phenol
Concen: 2.267 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.00 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 14486

Ion	Ratio	Lower	Upper
94	100		
65	36.2	8.2	48.2
66	73.1	20.4	60.4#

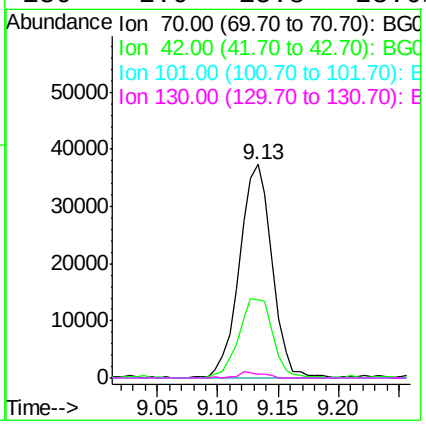


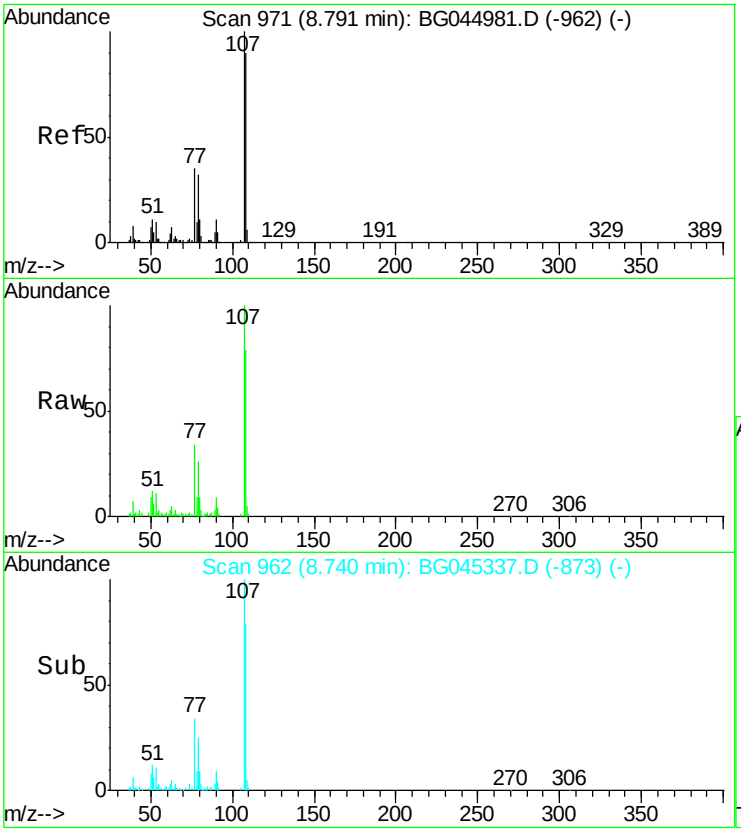


#19
n-Nitroso-di-n-propylamine
Concen: 15.612 ng
RT: 9.13 min Scan# 1029
Delta R.T. 0.35 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Tgt Ion: 70 Resp: 70490

Ion	Ratio	Lower	Upper
70	100		
42	36.8	33.3	49.9
101	0.0	7.8	11.8#
130	2.0	15.8	23.6#



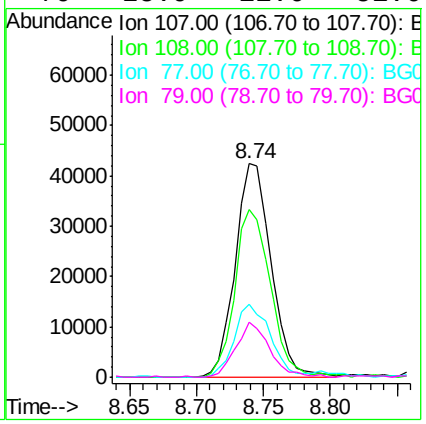


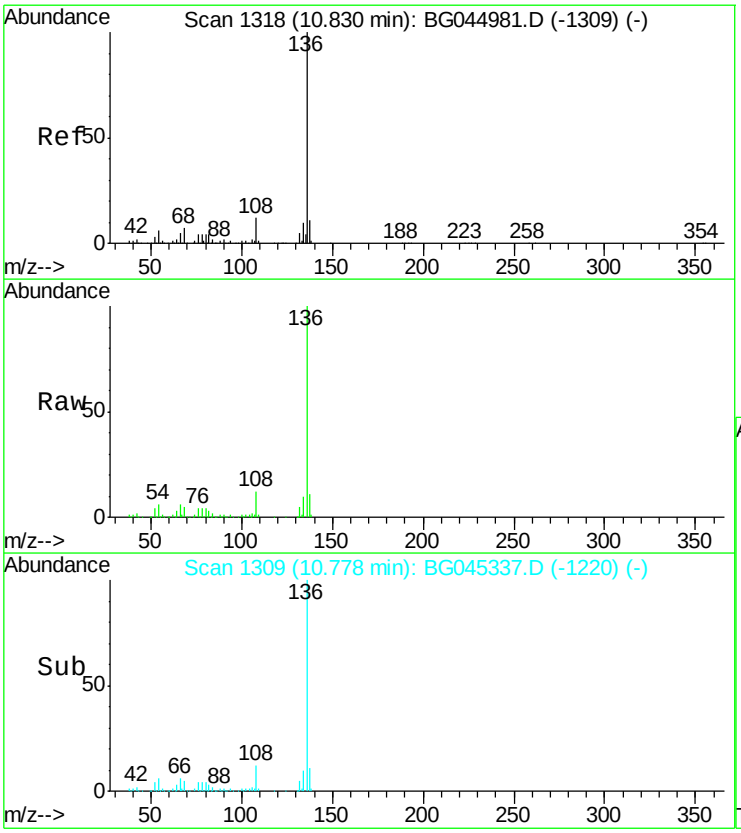
#20
3+4-Methylphenols
Concen: 11.446 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 78975

Ion	Ratio	Lower	Upper
107	100		
108	78.6	69.9	109.9
77	33.9	15.2	55.2
79	25.9	11.6	51.6

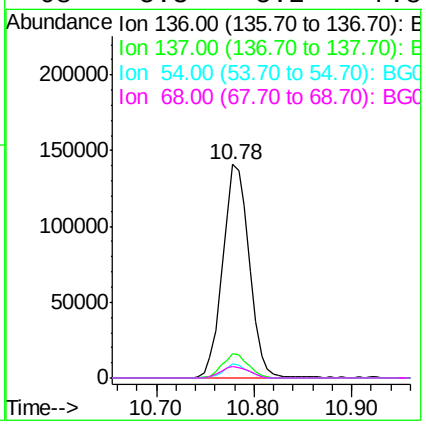


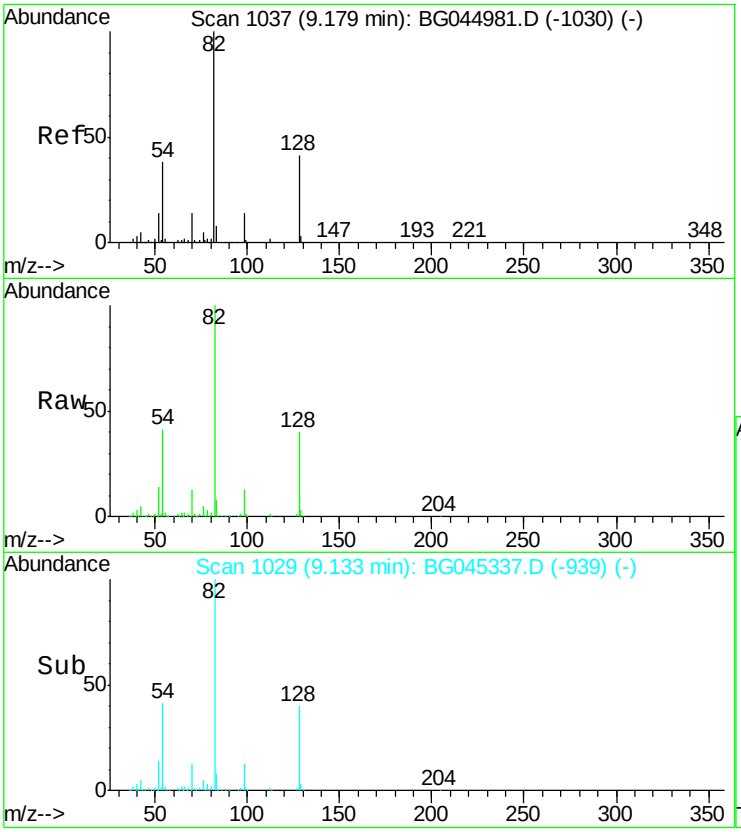


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Tgt Ion:136 Resp: 265222

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	6.4	4.8	7.2
68	5.3	5.2	7.8



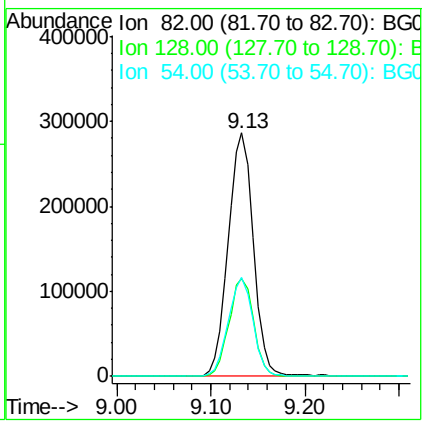


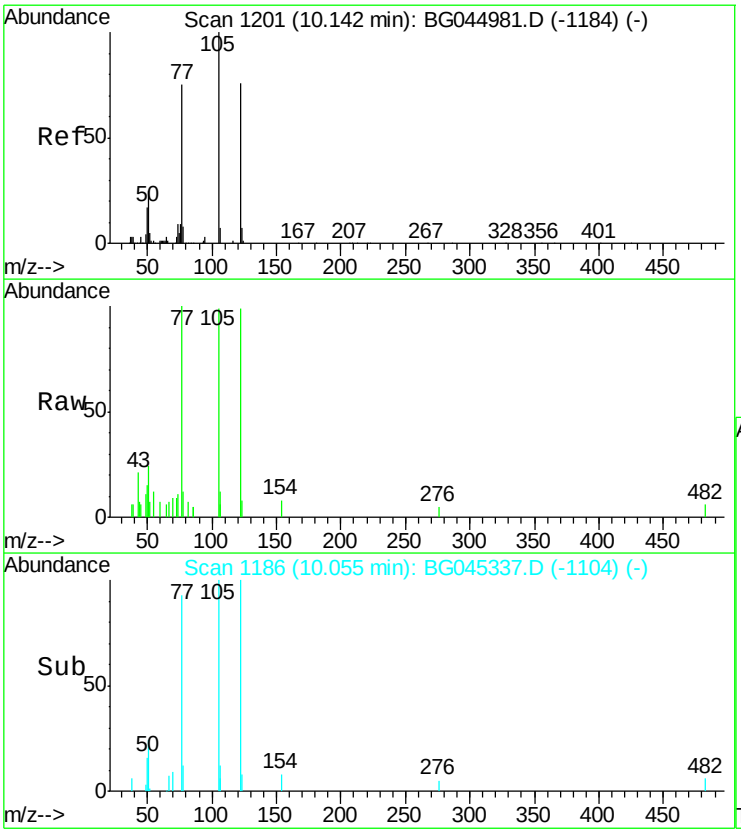
#23
Nitrobenzene-d5
Concen: 91.633 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 532626

Ion	Ratio	Lower	Upper
82	100		
128	40.2	33.0	49.4
54	40.6	30.4	45.6

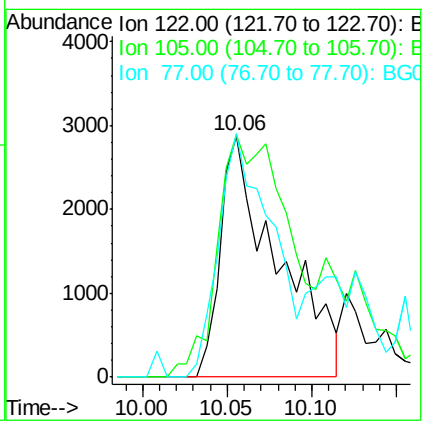


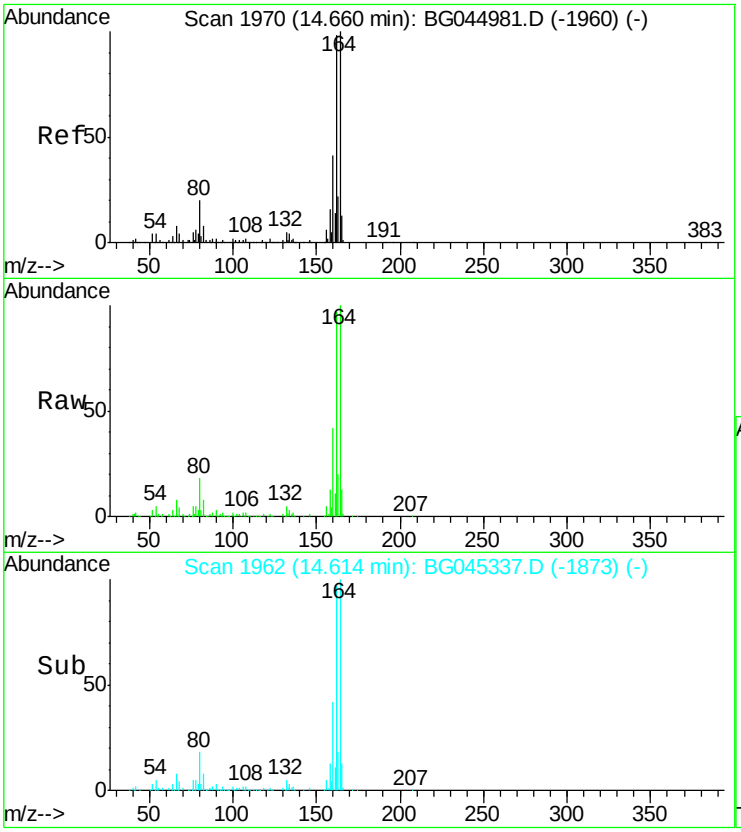


#32
Benzoic acid
Concen: 8.175 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.05 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Tgt Ion:122 Resp: 6832

Ion	Ratio	Lower	Upper
122	100		
105	100.2	108.4	148.4#
77	100.8	78.8	118.8



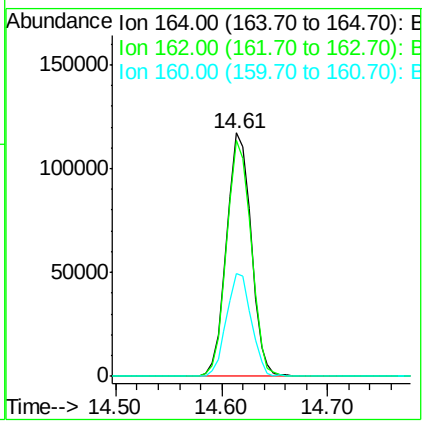


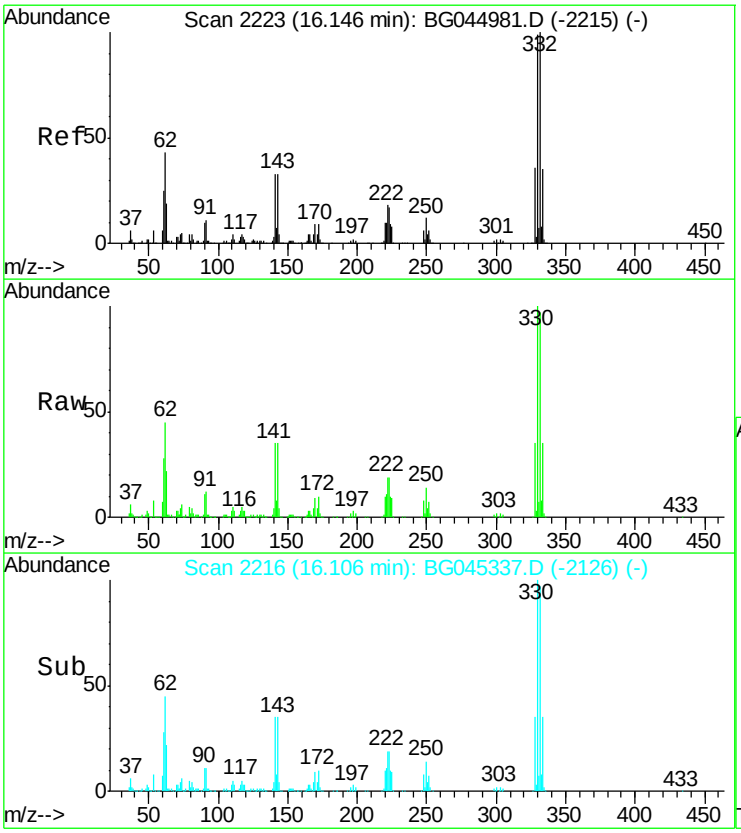
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 187688

Ion	Ratio	Lower	Upper
164	100		
162	97.1	78.7	118.1
160	42.2	32.8	49.2

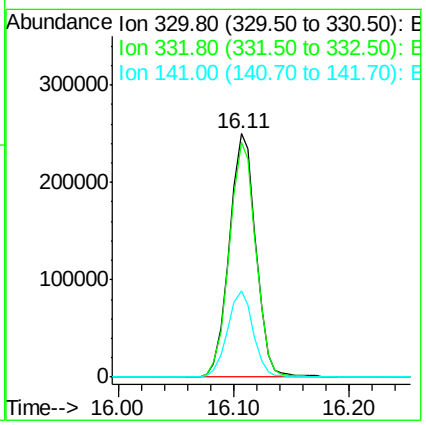


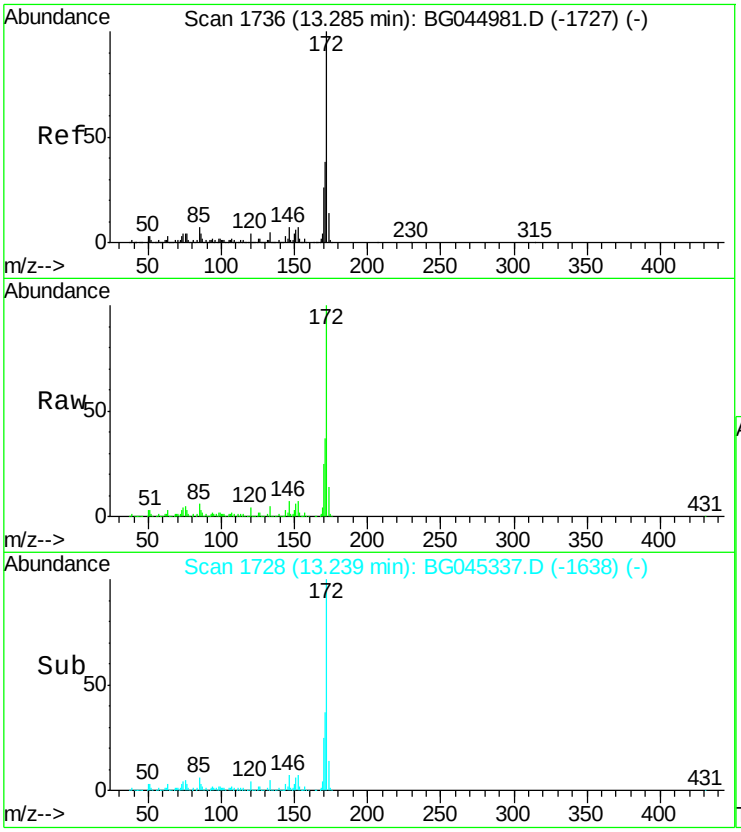


#42
2,4,6-Tribromophenol
Concen: 136.793 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Tgt Ion:330 Resp: 396637

Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.1	118.7
141	34.7	27.1	40.7



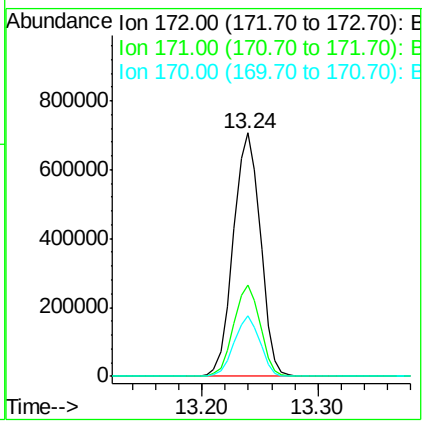


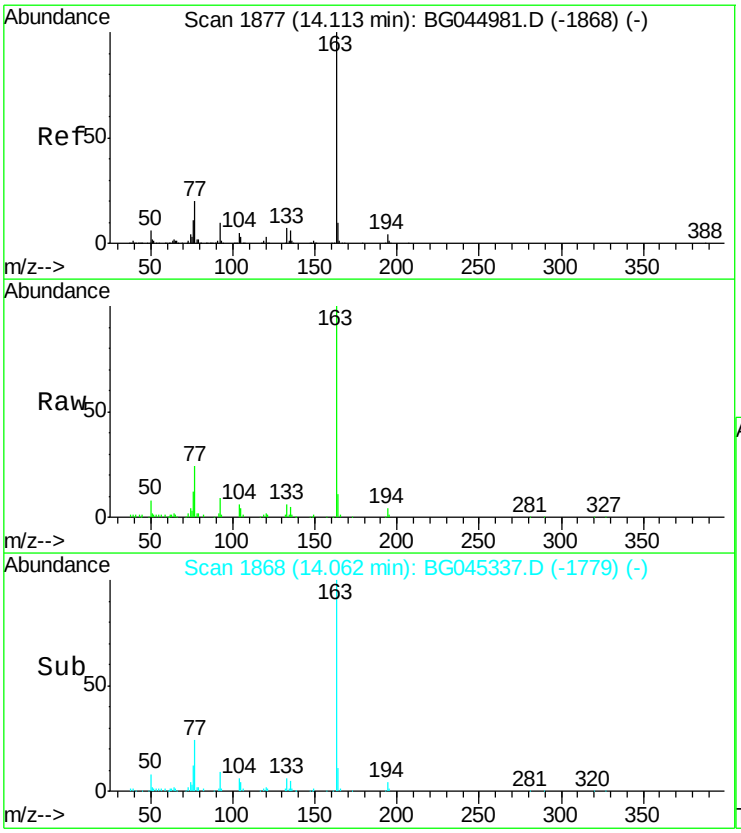
#45
2-Fluorobiphenyl
Concen: 89.529 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1145963

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	46.0
170	24.6	20.5	30.7

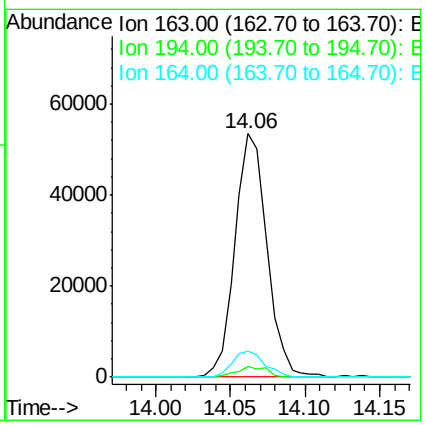


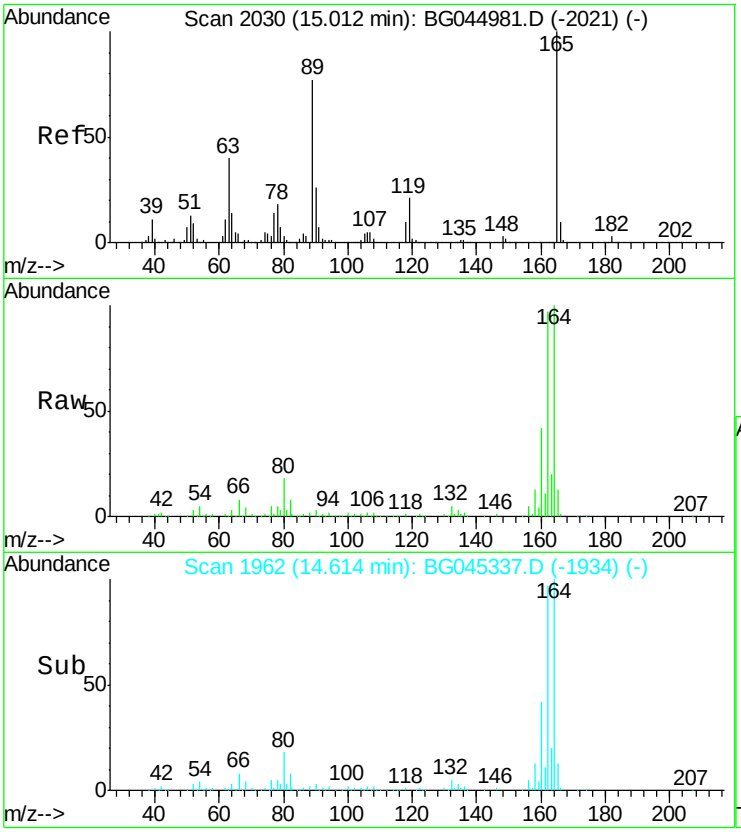


#50
Dimethylphthalate
Concen: 5.213 ng
RT: 14.06 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Tgt Ion:163 Resp: 79670

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.7	8.2	12.4



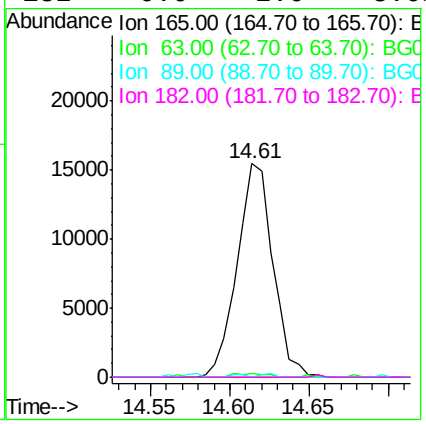


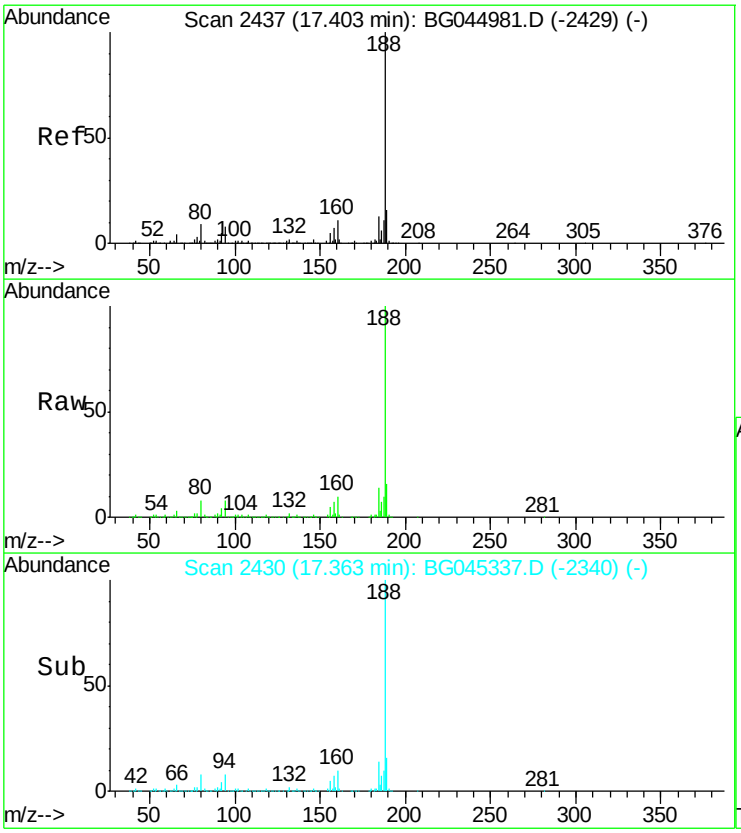
#57
2,4-Dinitrotoluene
Concen: 4.864 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.37 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 24299

Ion	Ratio	Lower	Upper
165	100		
63	2.1	32.2	48.2#
89	0.0	61.7	92.5#
182	0.0	2.0	3.0#

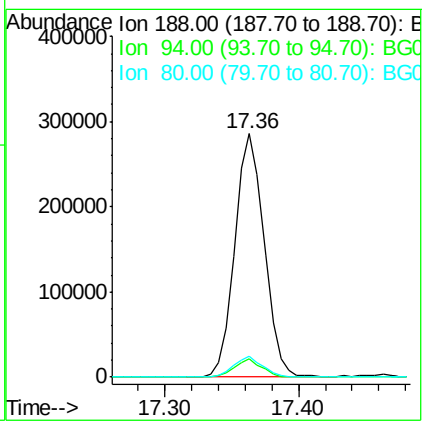


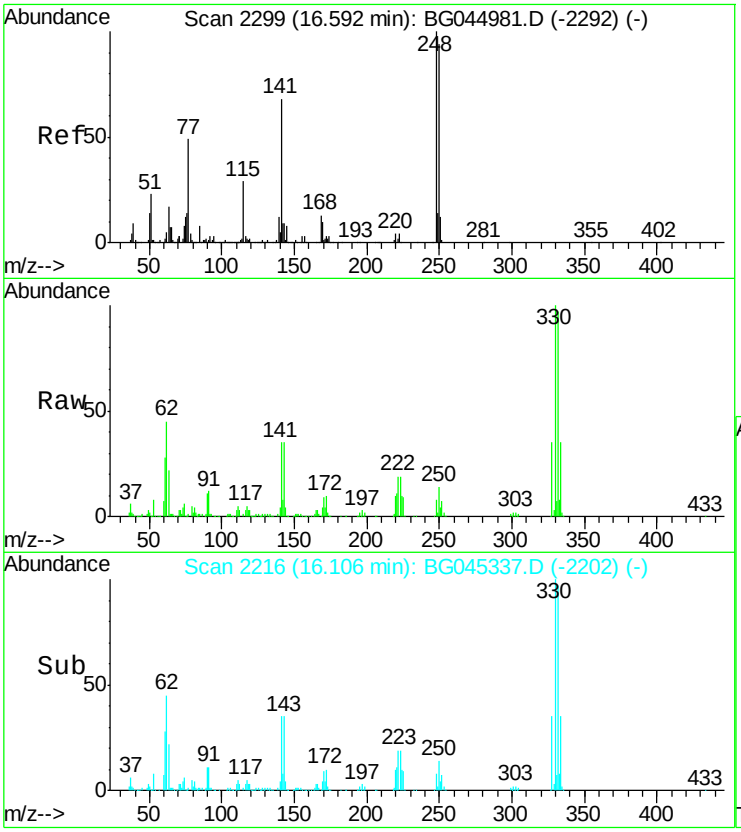


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Tgt Ion:188 Resp: 435881

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.2	9.4
80	8.4	7.0	10.6



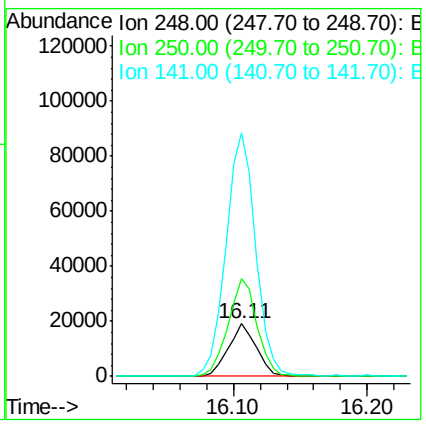


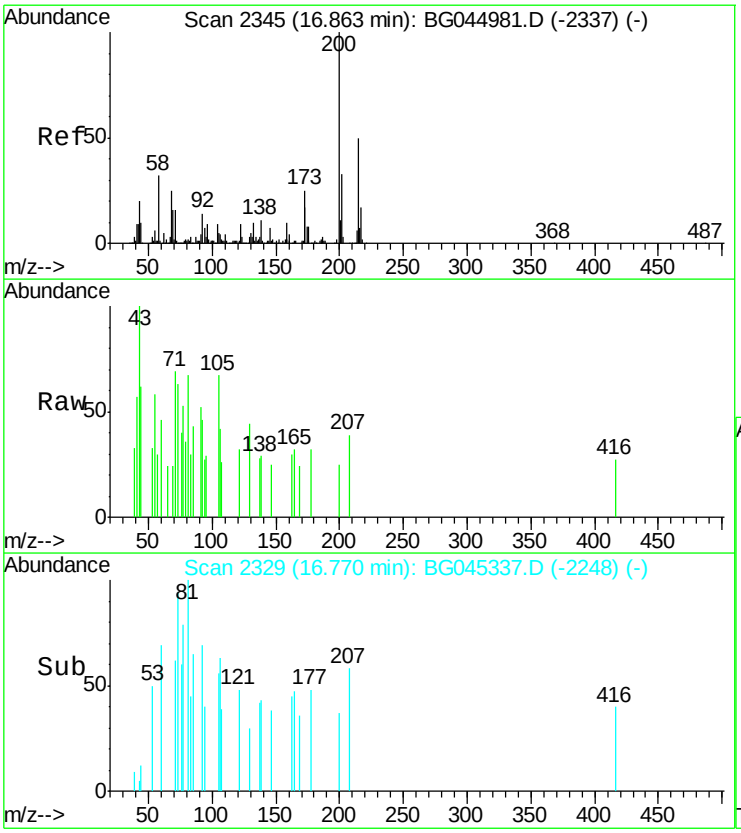
#67
4-Bromophenyl-phenylether
Concen: 5.018 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.45 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 28220

Ion	Ratio	Lower	Upper
248	100		
250	184.6	75.4	113.2#
141	462.7	54.4	81.6#

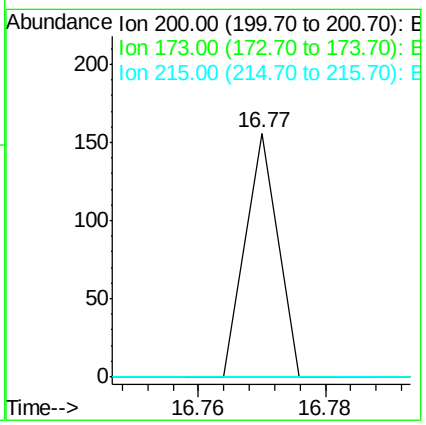


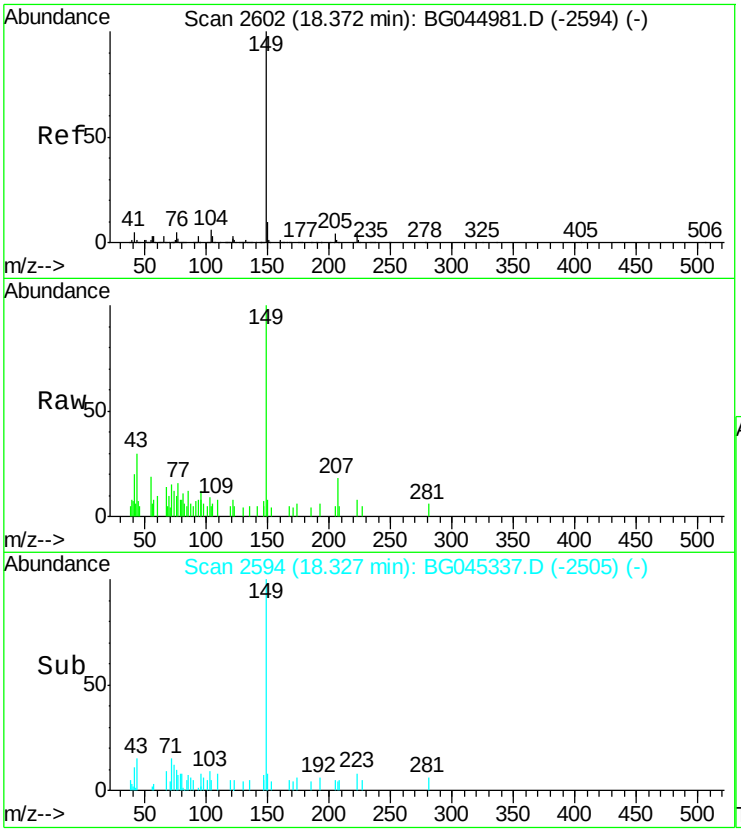


#69
Atrazine
Concen: Below Cal
RT: 16.77 min Scan# 2329
Delta R.T. -0.06 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

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#



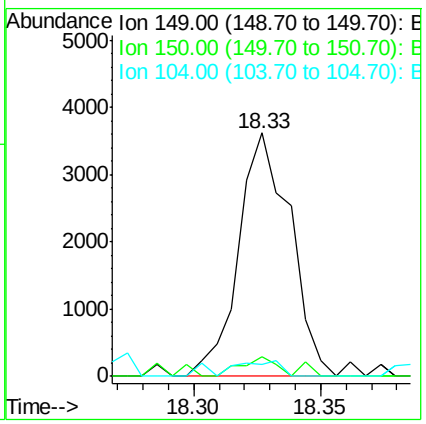


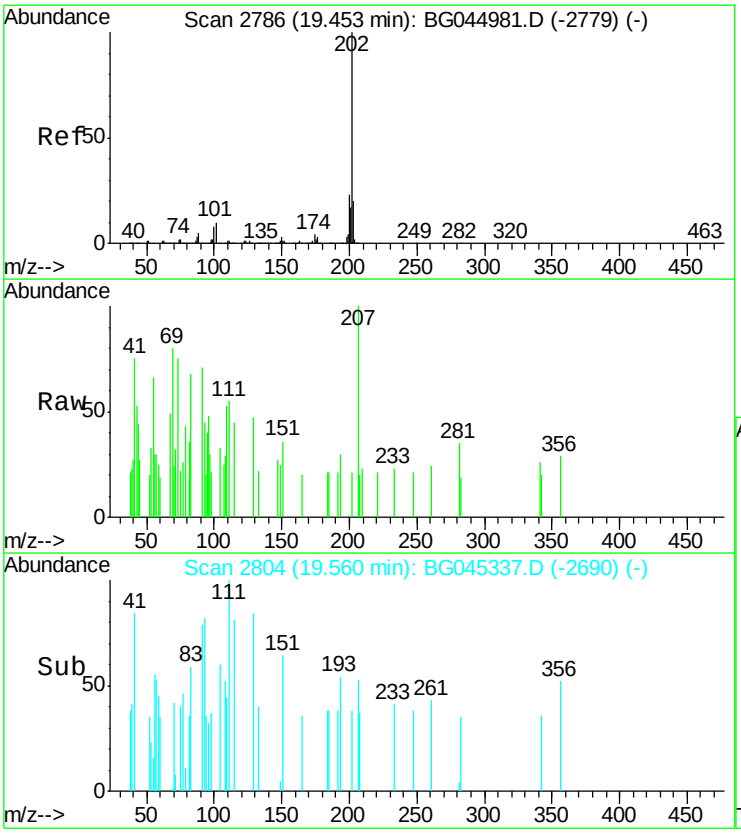
#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.33 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 5149

Ion	Ratio	Lower	Upper
149	100		
150	8.0	8.2	12.2#
104	4.9	4.8	7.2

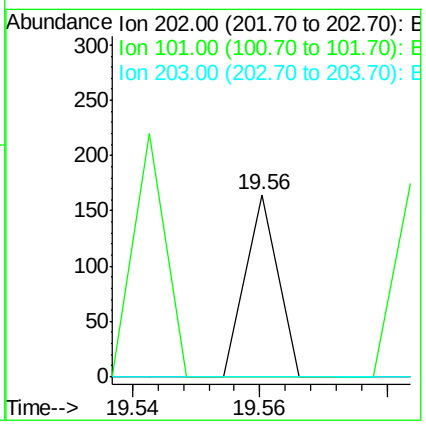


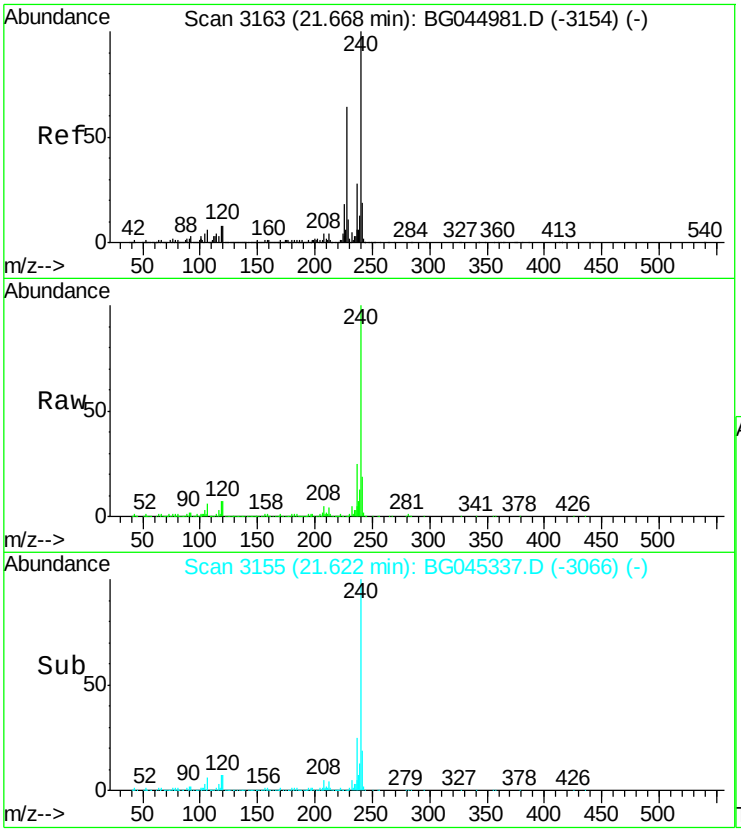


#75
Fluoranthene
Concen: Below Cal
RT: 19.56 min Scan# 2804
Delta R.T. 0.14 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Tgt Ion:202 Resp: 58

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



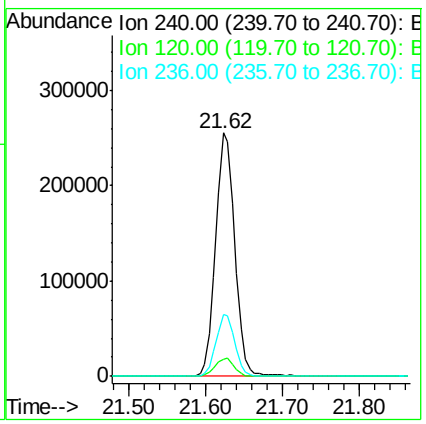


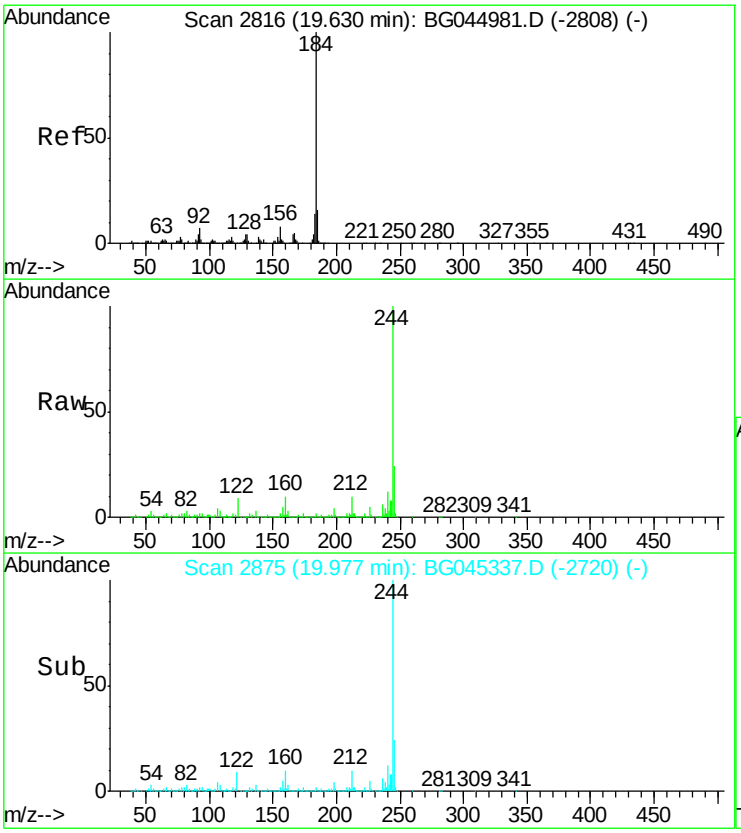
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 439139

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.6	10.0
236	25.4	22.2	33.2

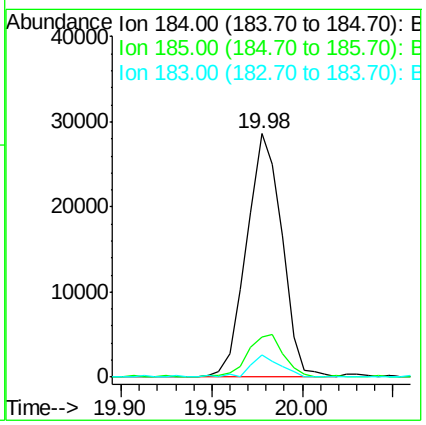


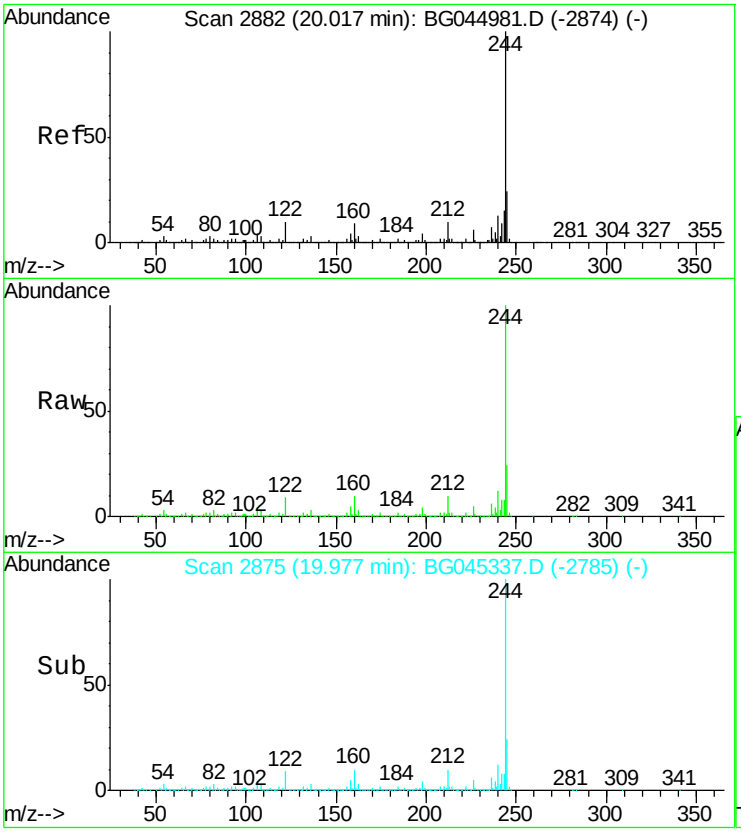


#77
Benzidine
Concen: Below Cal
RT: 19.98 min Scan# 2875
Delta R.T. 0.38 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Tgt Ion:184 Resp: 38699

Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.6	19.0
183	9.3	11.3	16.9#



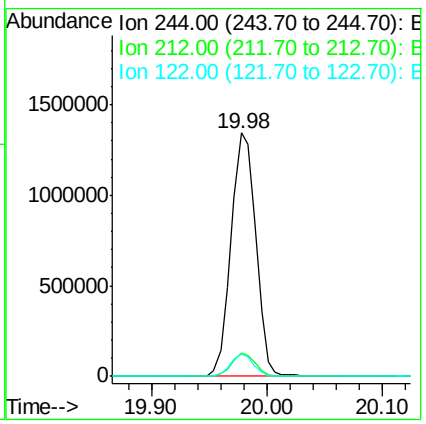


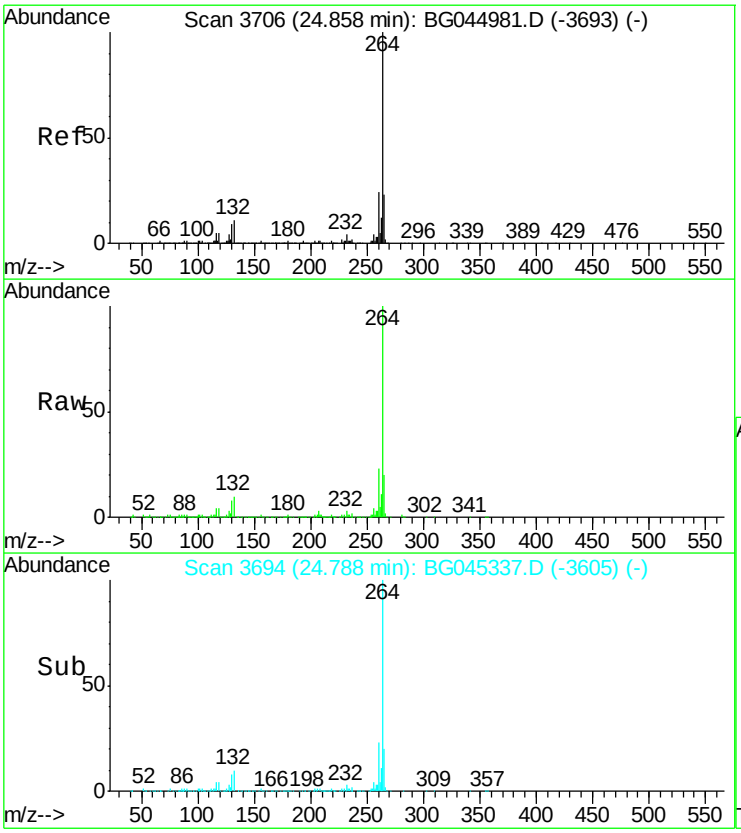
#79
Terphenyl-d14
Concen: 99.157 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1997806

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.9	11.9
122	9.4	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.01 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Tgt Ion:264 Resp: 466126

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.5	19.0	28.4