Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051120\
Data File : BG045312.D
Acq On : 12 May 2020 2:43
Operator : CG/JU
Sample : L2531-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-15A

Quant Time: May 12 03:24:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 13:27:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	68609	20.00	ng		0.00
21) Naphthalene-d8	10.78	136	262393	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	181324	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	416761	20.00	ng		0.00
76) Chrysene-d12	21.63	240	446382	20.00	ng		-0.01
87) Perylene-d12	24.79	264	490636	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	450653	108.44	ng		0.00
7) Phenol-d6	7.14	99	557785	90.34	ng		0.00
23) Nitrobenzene-d5	9.13	82	500512	87.04	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	352928	125.99	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	1130135	91.39	ng		0.00
79) Terphenyl-d14	19.98	244	1938278	94.64	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.14	77	1122	Below Cal		#	4
19) n-Nitroso-di-n-propylamine	9.13	70	67139	15.376	ng	#	78
31) Naphthalene	10.83	128	33167	2.311	ng		97
32) Benzoic acid	10.45	122	55	6.388	ng	#	1
50) Dimethylphthalate	14.06	163	89016	6.029	ng	#	98
57) 2,4-Dinitrotoluene	14.61	165	22546	4.672	ng	#	22
67) 4-Bromophenyl-phenylether	16.11	248	24764	4.606	ng	#	1
74) Di-n-butylphthalate	18.34	149	2310	Below Cal		#	76
75) Fluoranthene	19.42	202	1296	Below Cal			67
77) Benzidine	19.98	184	36919	Below Cal		#	90

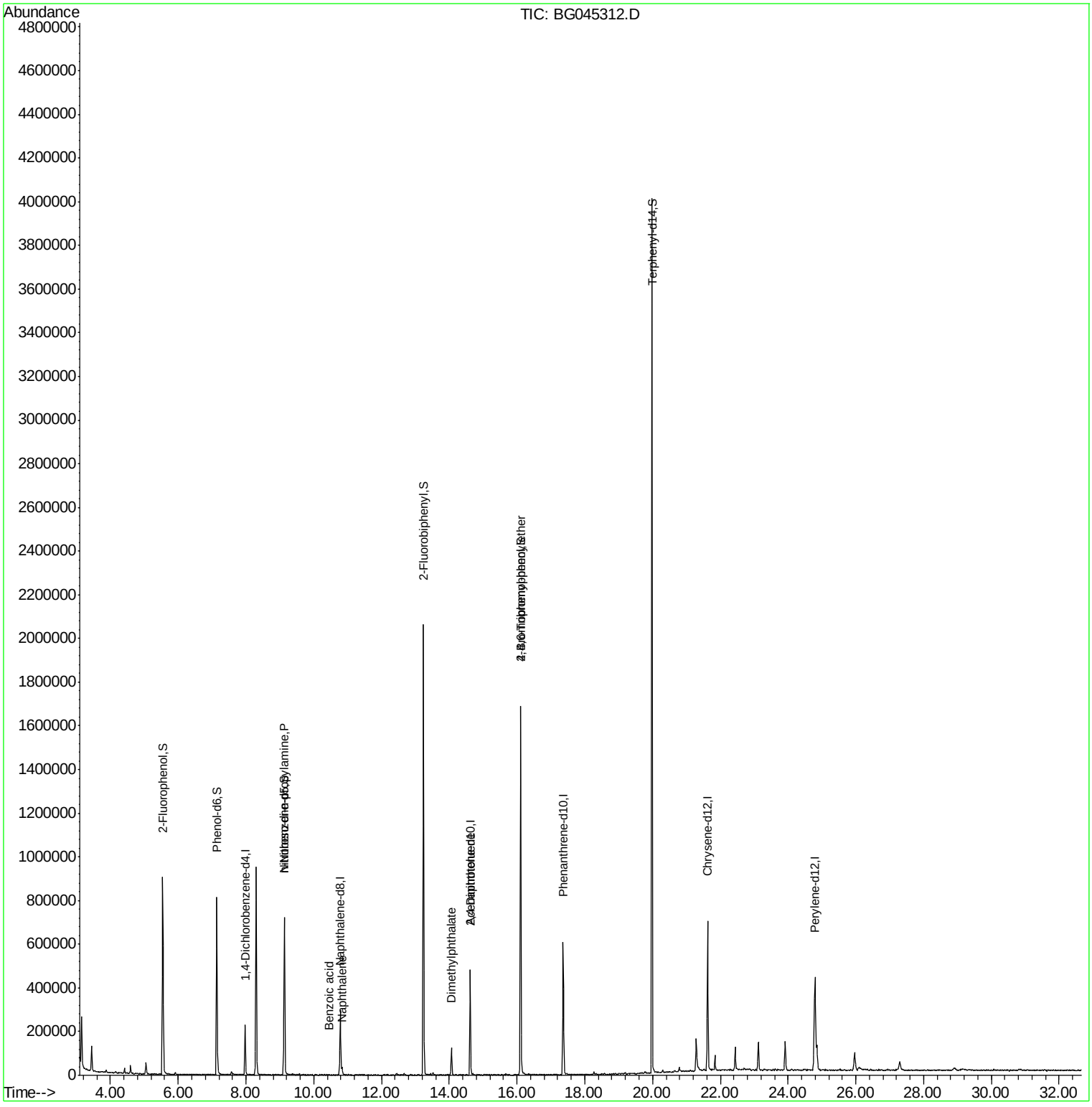
(#) = qualifier out of range (m) = manual integration (+) = signals summed

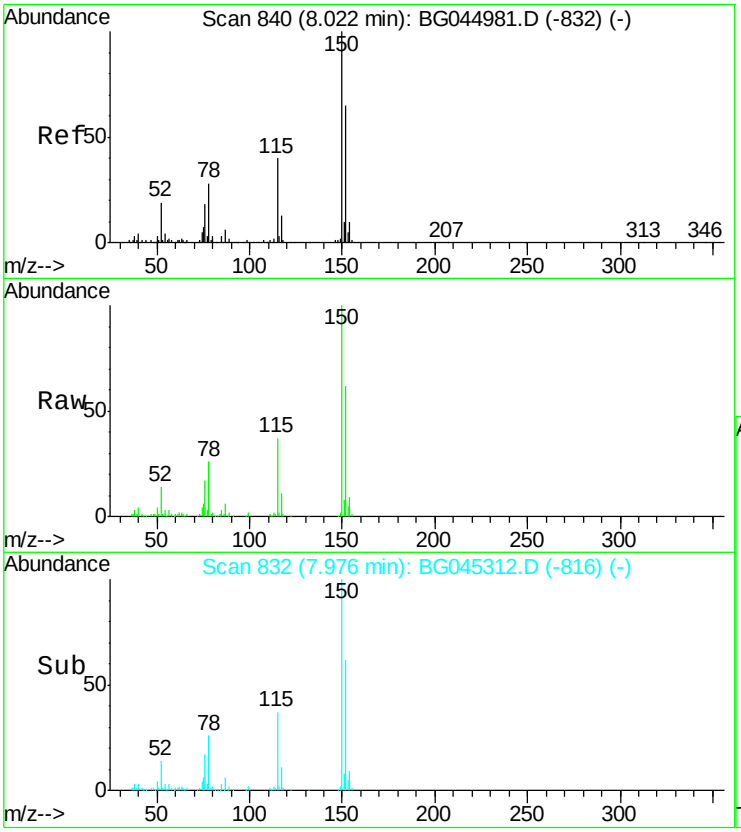
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051120\
Data File : BG045312.D
Acq On : 12 May 2020 2:43
Operator : CG/JU
Sample : L2531-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-15A

Quant Time: May 12 03:24:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 13:27:41 2020
Response via : Initial Calibration



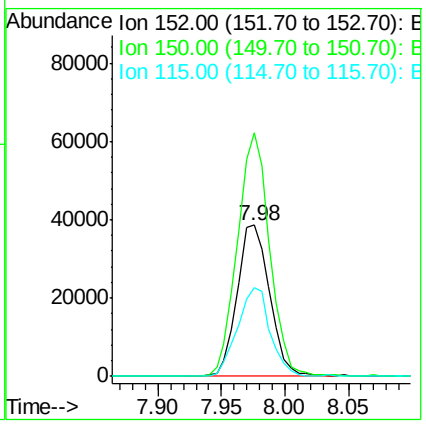


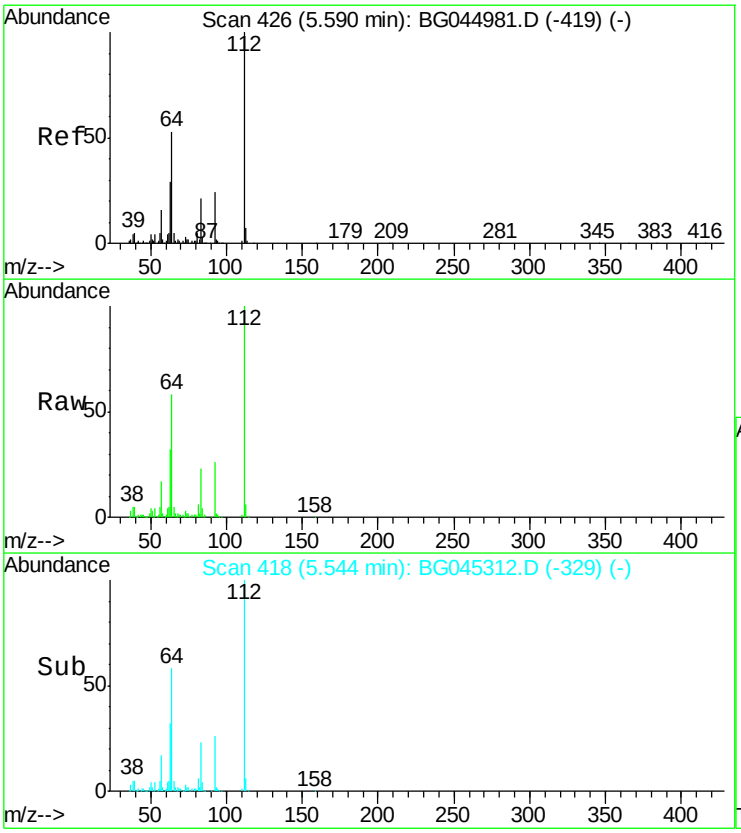
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:152 Resp: 68609

Ion	Ratio	Lower	Upper
152	100		
150	161.0	123.6	185.4
115	58.9	49.1	73.7

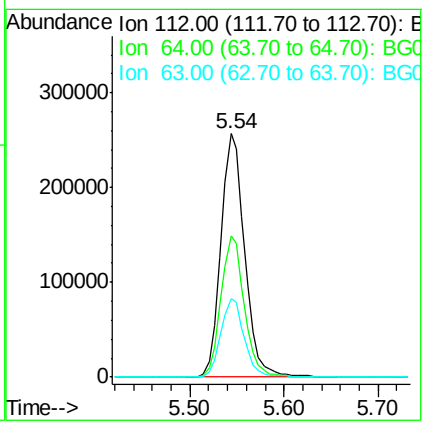


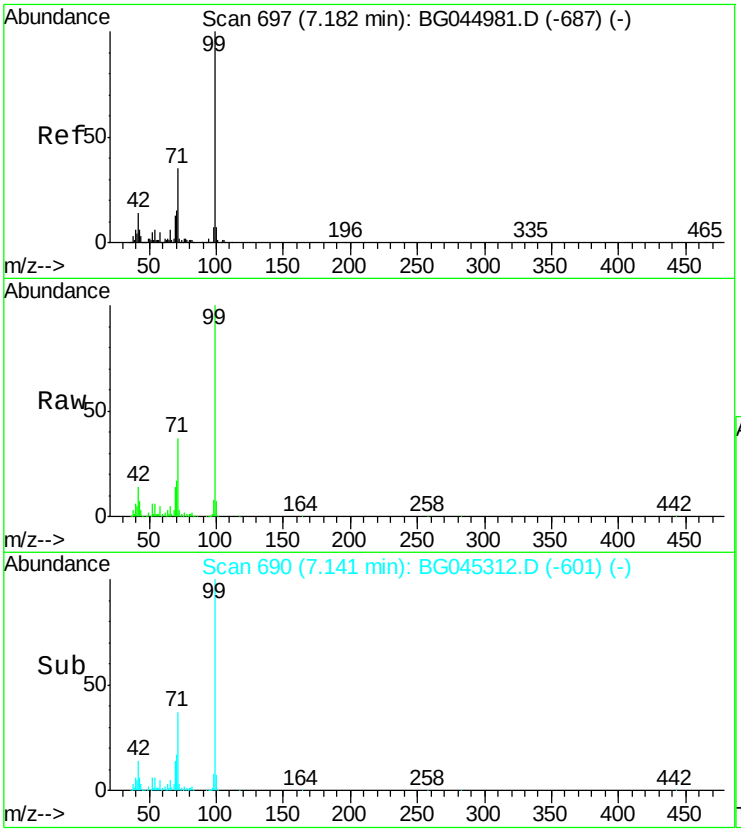


#5
2-Fluorophenol
Concen: 108.441 ng
RT: 5.54 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Tgt Ion:112 Resp: 450653

Ion	Ratio	Lower	Upper
112	100		
64	58.0	42.4	63.6
63	32.4	23.1	34.7



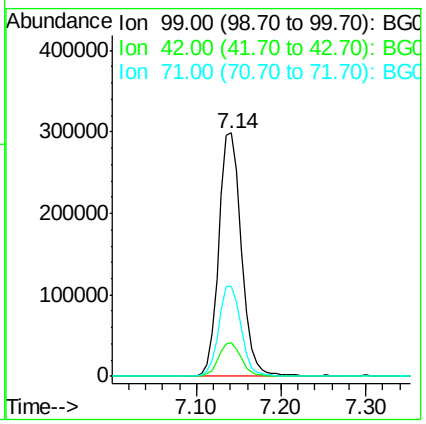


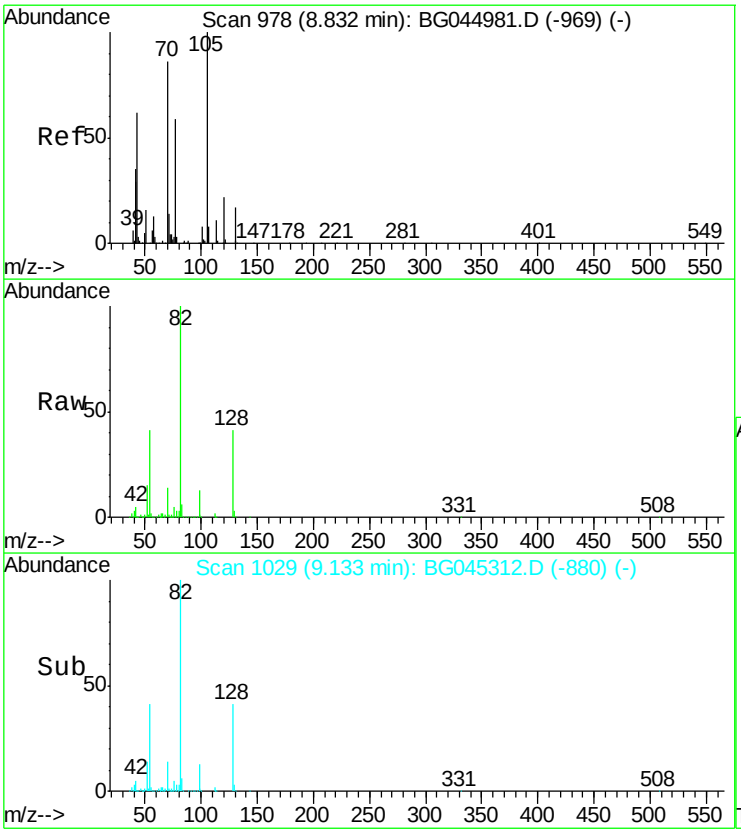
#7
Phenol-d6
Concen: 90.339 ng
RT: 7.14 min Scan# 690
Delta R.T. -0.01 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion: 99 Resp: 557785

Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.3	16.9
71	36.8	28.3	42.5

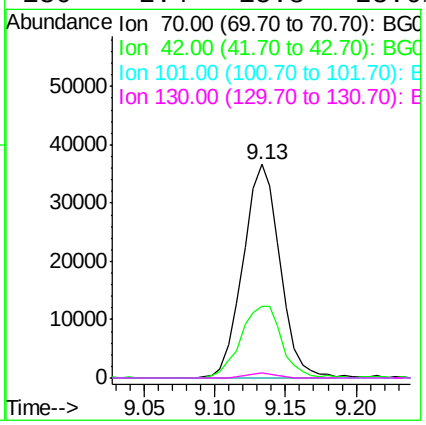


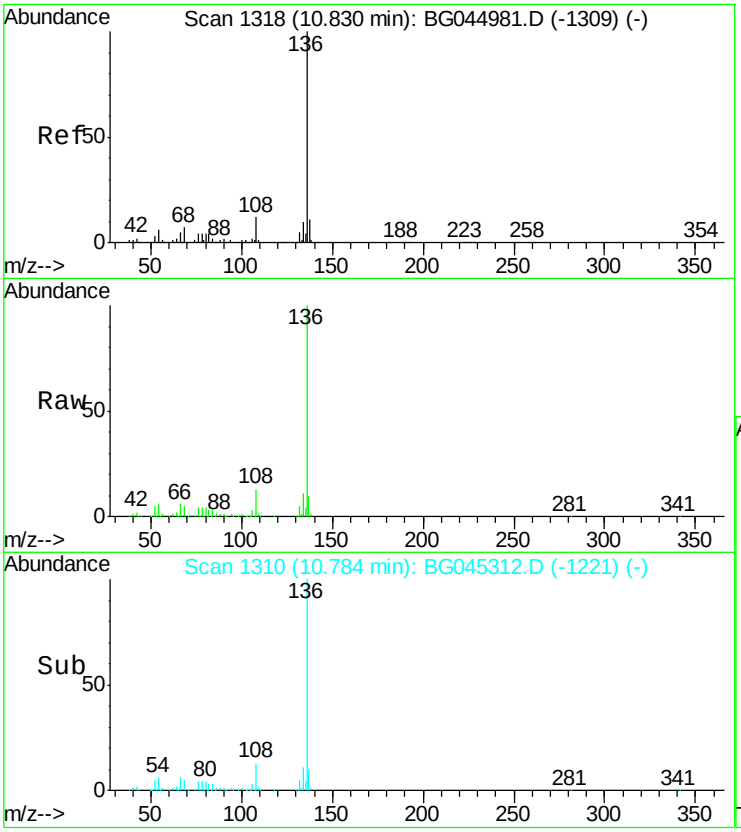


#19
n-Nitroso-di-n-propylamine
Concen: 15.376 ng
RT: 9.13 min Scan# 1029
Delta R.T. 0.35 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Tgt Ion: 70 Resp: 67139

Ion	Ratio	Lower	Upper
70	100		
42	33.4	33.3	49.9
101	0.0	7.8	11.8#
130	2.4	15.8	23.6#



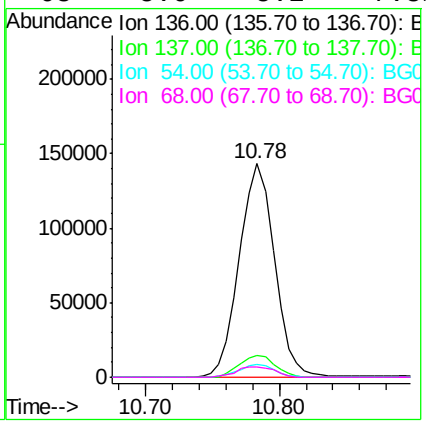


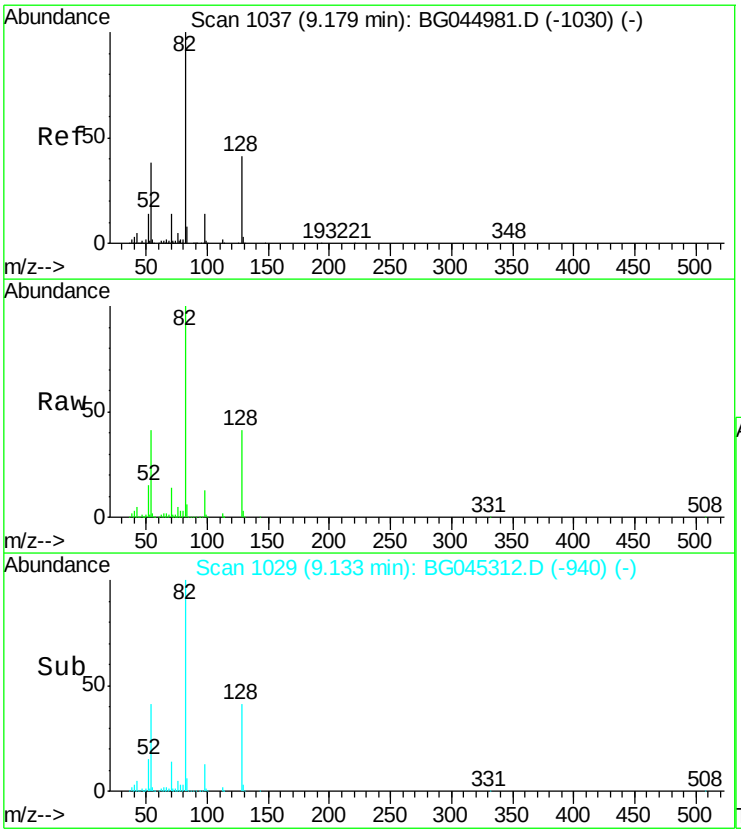
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:136 Resp: 262393

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	6.0	4.8	7.2
68	5.0	5.2	7.8#

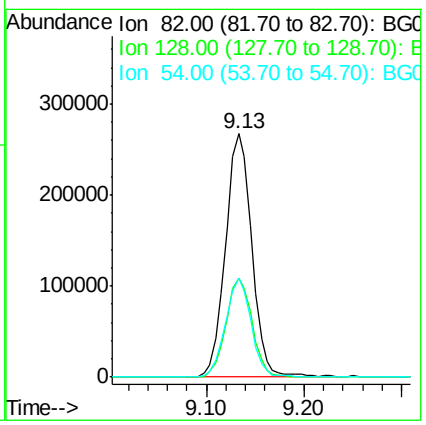


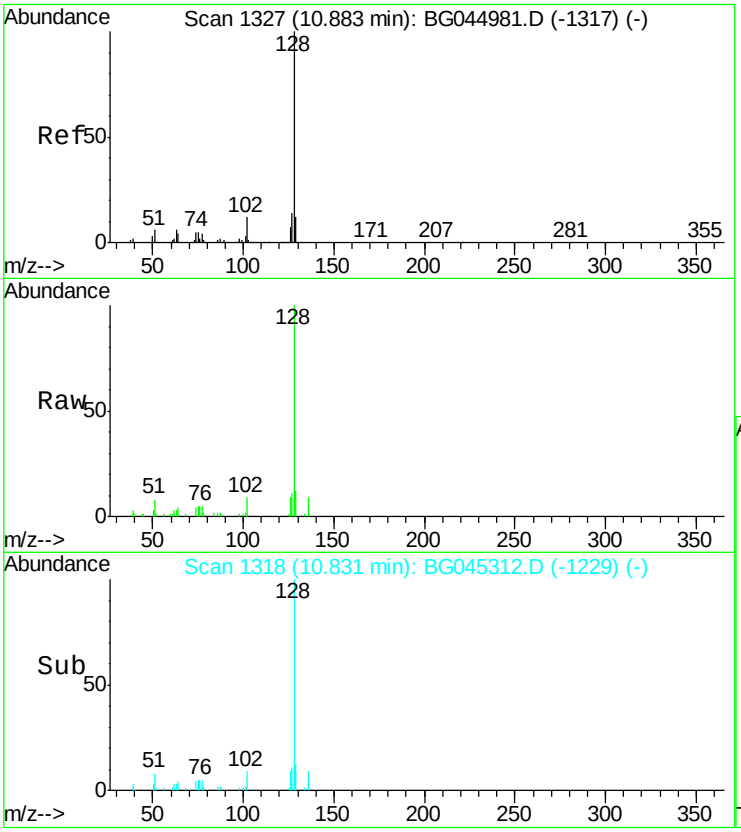


#23
Nitrobenzene-d5
Concen: 87.037 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Tgt Ion: 82 Resp: 500512

Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.0	49.4
54	40.5	30.4	45.6



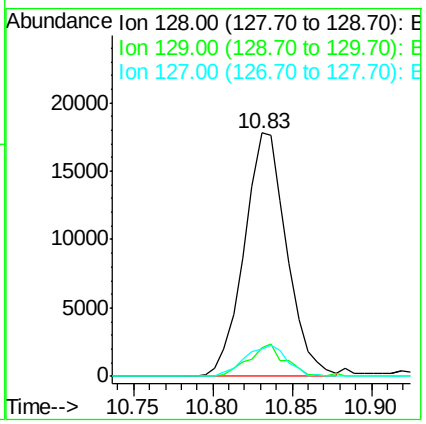


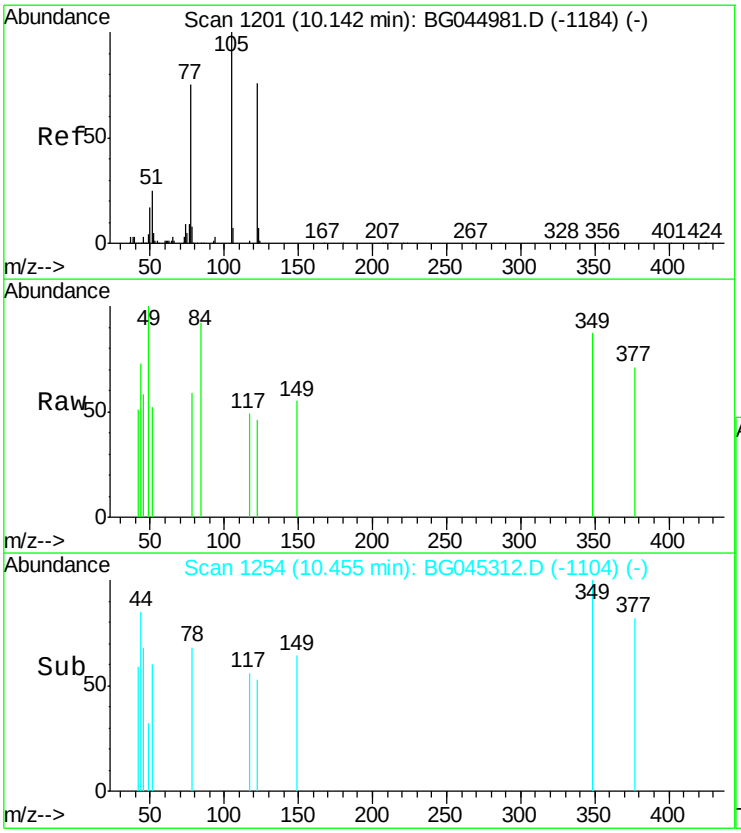
#31
Naphthalene
Concen: 2.311 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:128 Resp: 33167

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	11.5	10.8	16.2

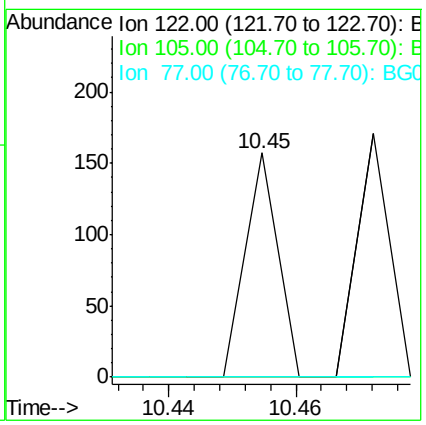


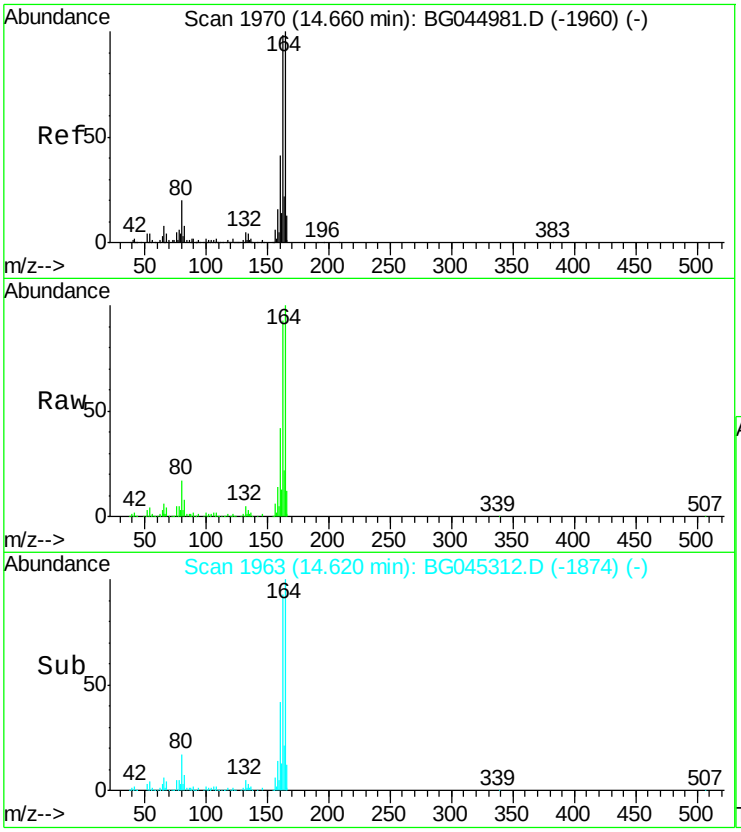


#32
Benzoic acid
Concen: 6.388 ng
RT: 10.45 min Scan# 1254
Delta R.T. 0.35 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Tgt Ion:122 Resp: 55

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



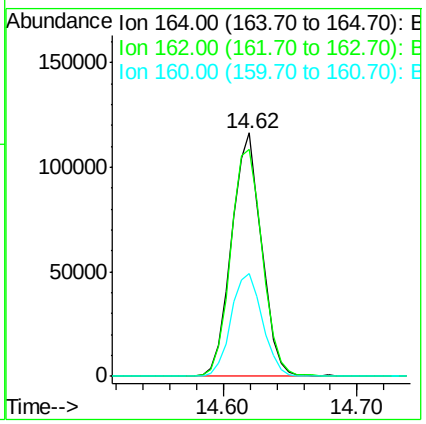


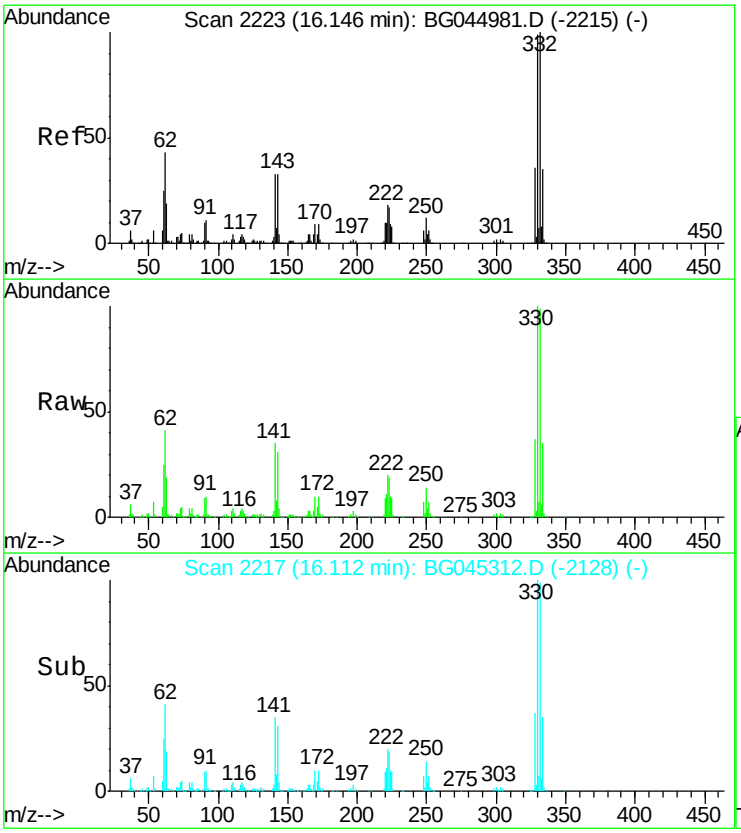
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:164 Resp: 181324

Ion	Ratio	Lower	Upper
164	100		
162	93.3	78.7	118.1
160	42.2	32.8	49.2

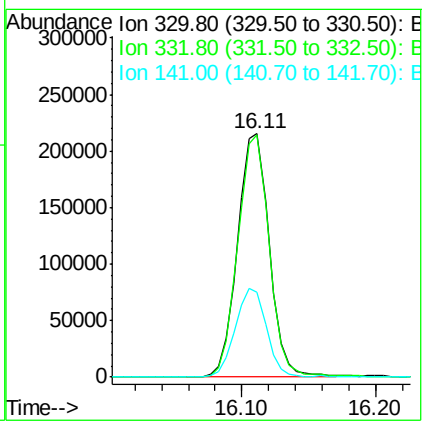


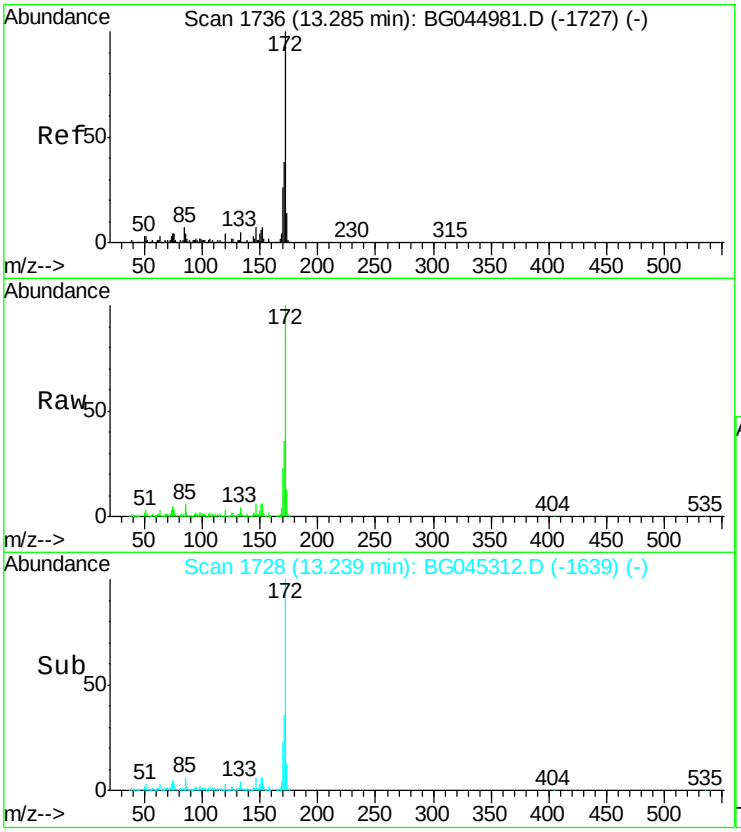


#42
2,4,6-Tribromophenol
Concen: 125.991 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Tgt Ion:330 Resp: 352928

Ion	Ratio	Lower	Upper
330	100		
332	98.8	79.1	118.7
141	35.8	27.1	40.7



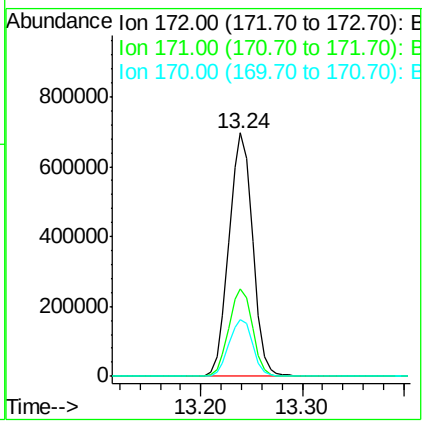


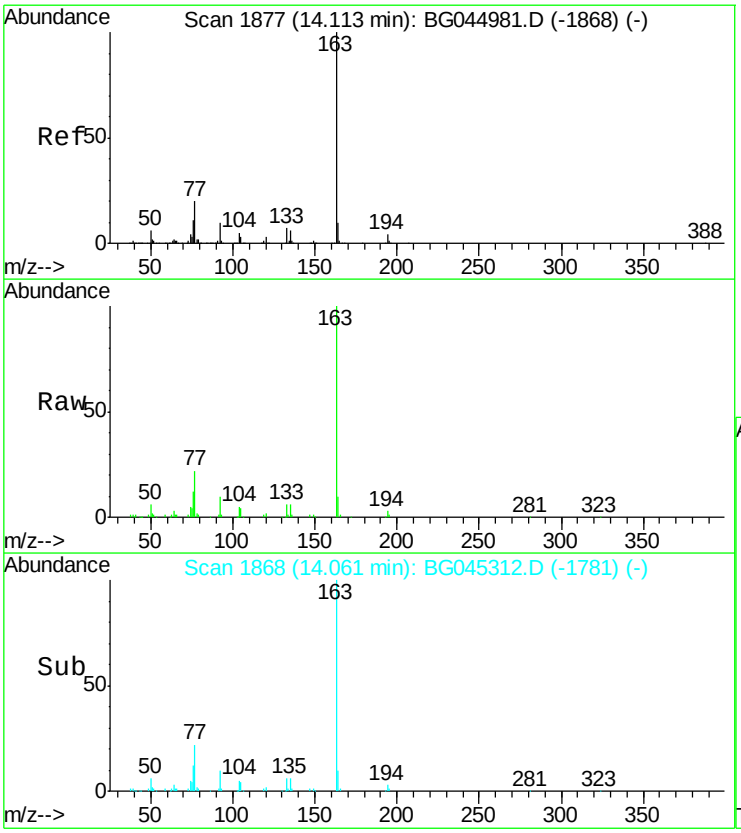
#45
2-Fluorobiphenyl
Concen: 91.391 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:172 Resp: 1130135

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.6	46.0
170	23.5	20.5	30.7

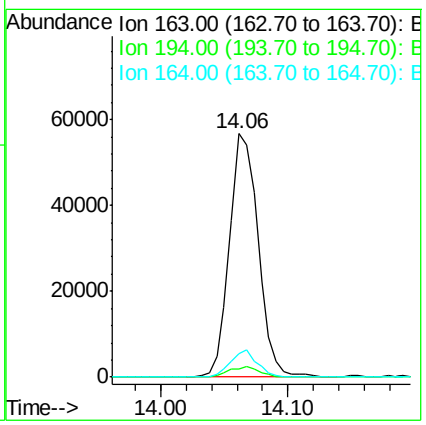


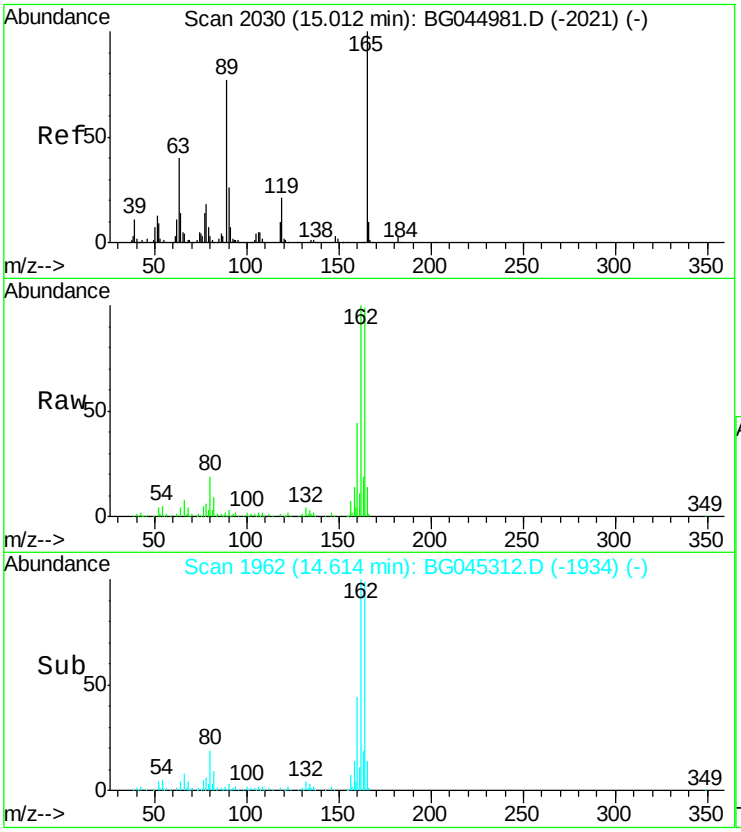


#50
Dimethylphthalate
Concen: 6.029 ng
RT: 14.06 min Scan# 1868
Delta R.T. -0.02 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Tgt Ion:163 Resp: 89016

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.5	5.3#
164	9.7	8.2	12.4



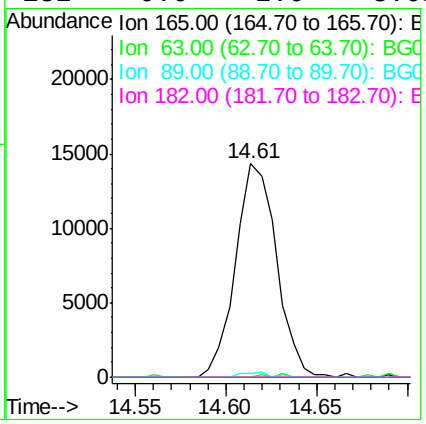


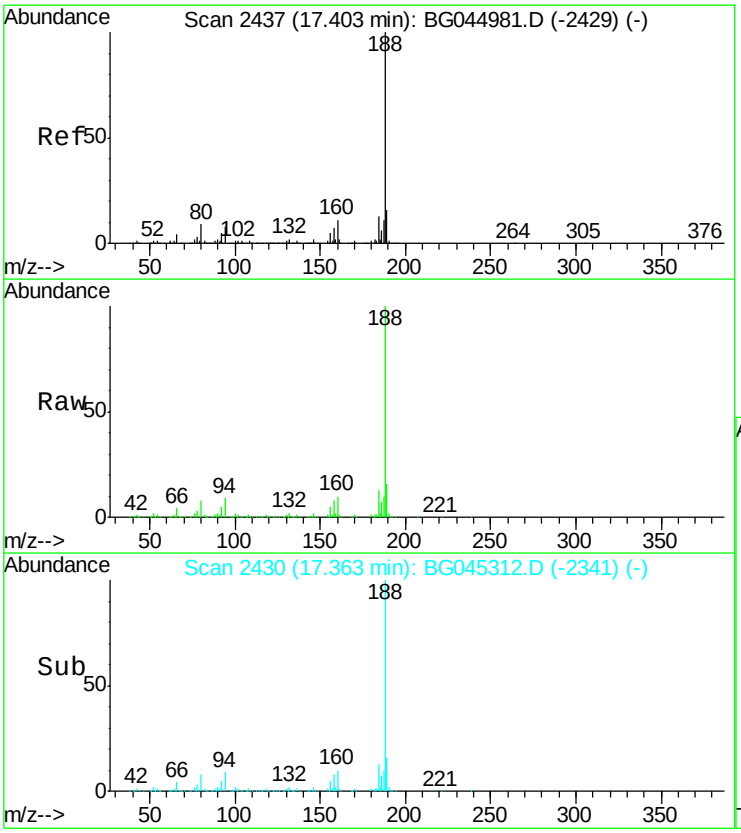
#57
2,4-Dinitrotoluene
Concen: 4.672 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.36 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:165 Resp: 22546

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

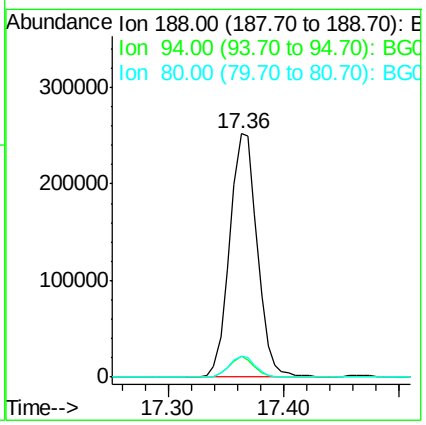


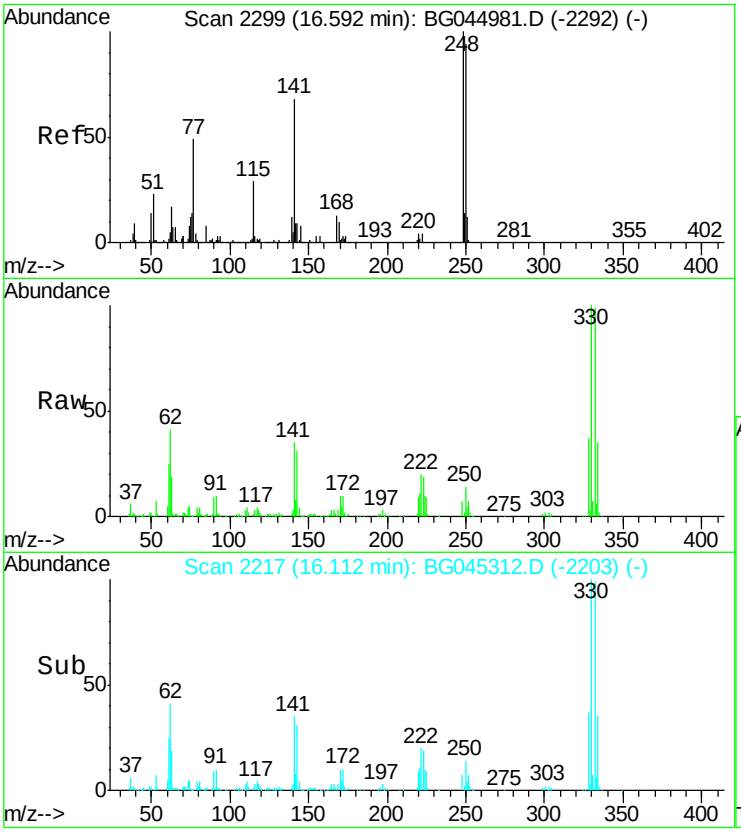


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Tgt Ion:188 Resp: 416761

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.2	9.4
80	8.4	7.0	10.6



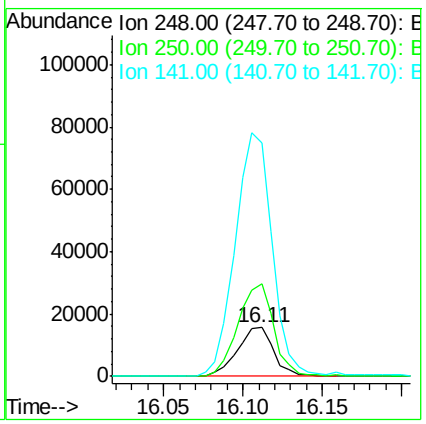


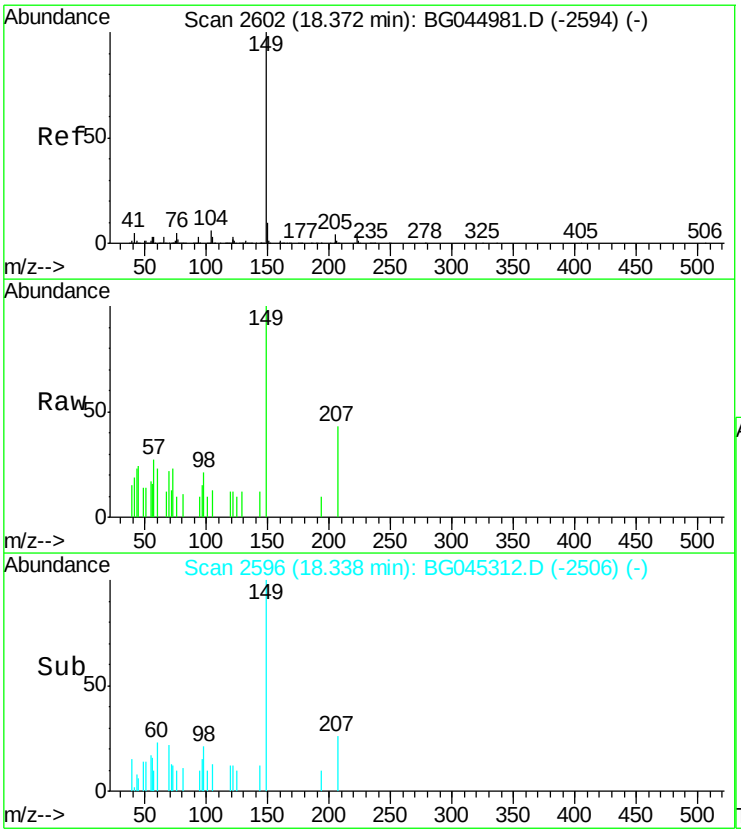
#67
4-Bromophenyl-phenylether
Concen: 4.606 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.45 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:248 Resp: 24764

Ion	Ratio	Lower	Upper
248	100		
250	188.5	75.4	113.2#
141	477.4	54.4	81.6#

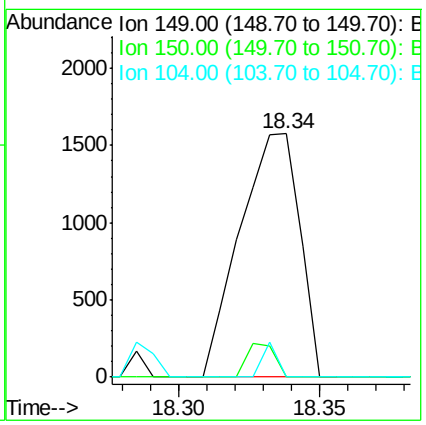


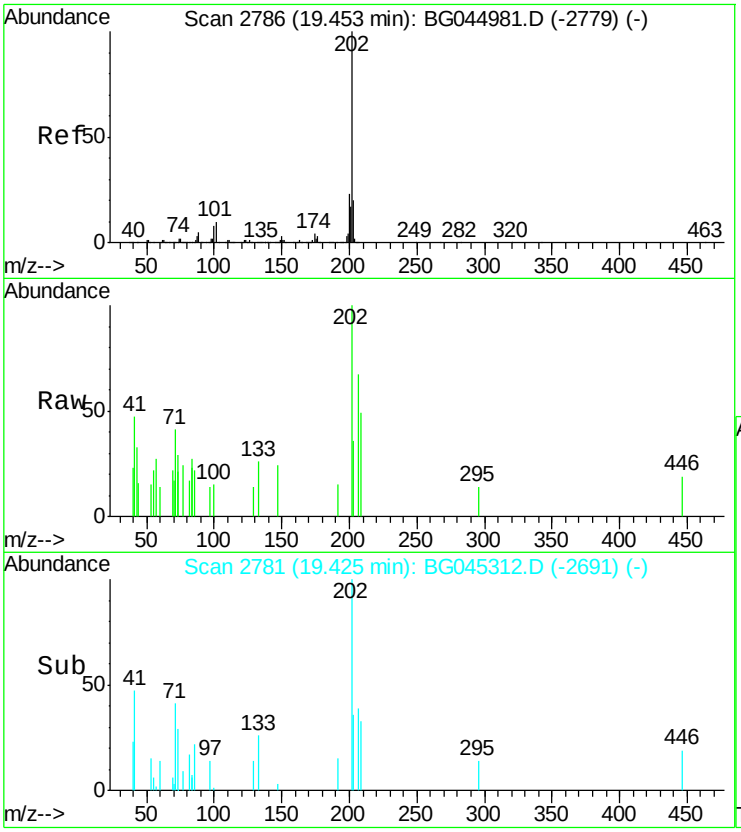


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.34 min Scan# 2596
Delta R.T. -0.00 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Tgt Ion:149 Resp: 2310

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



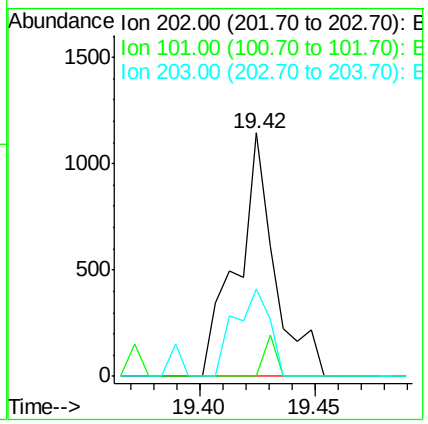


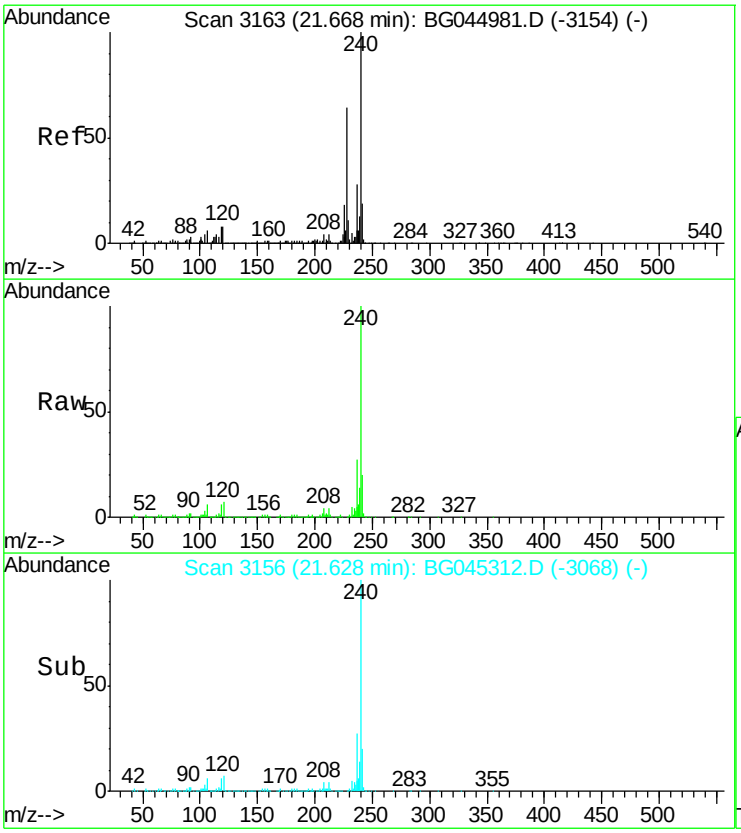
#75
Fluoranthene
Concen: Below Cal
RT: 19.42 min Scan# 2781
Delta R.T. -0.00 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:202 Resp: 1296

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	29.6
203	36.0	0.0	39.7

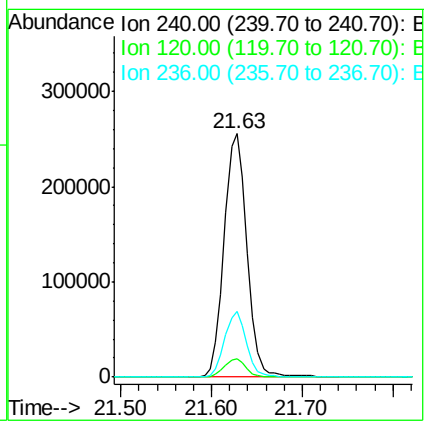


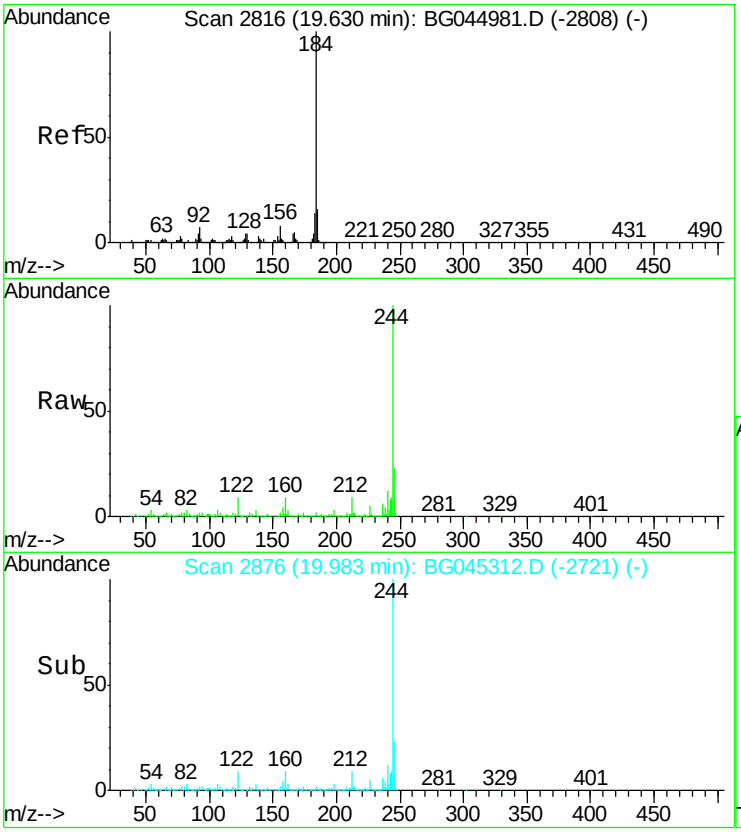


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Tgt Ion:240 Resp: 446382

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.6	10.0
236	26.9	22.2	33.2



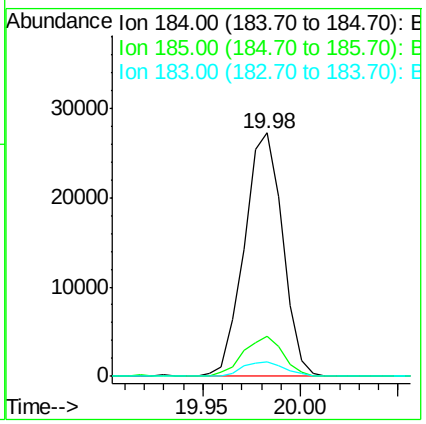


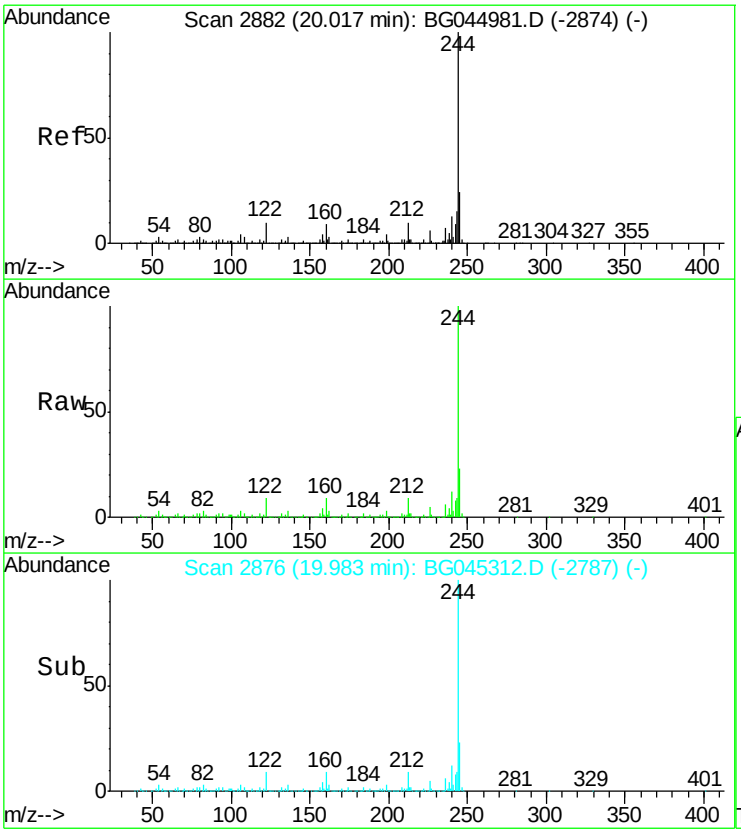
#77
Benzidine
Concen: Below Cal
RT: 19.98 min Scan# 2876
Delta R.T. 0.38 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:184 Resp: 36919

Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.6	19.0
183	6.2	11.3	16.9#

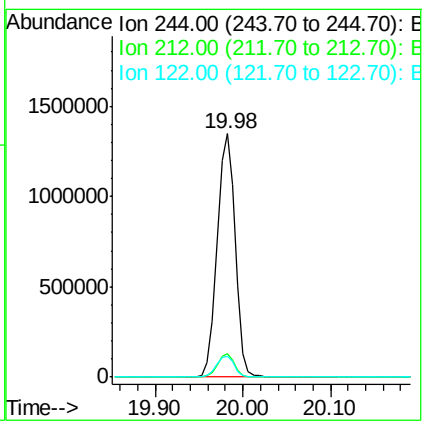


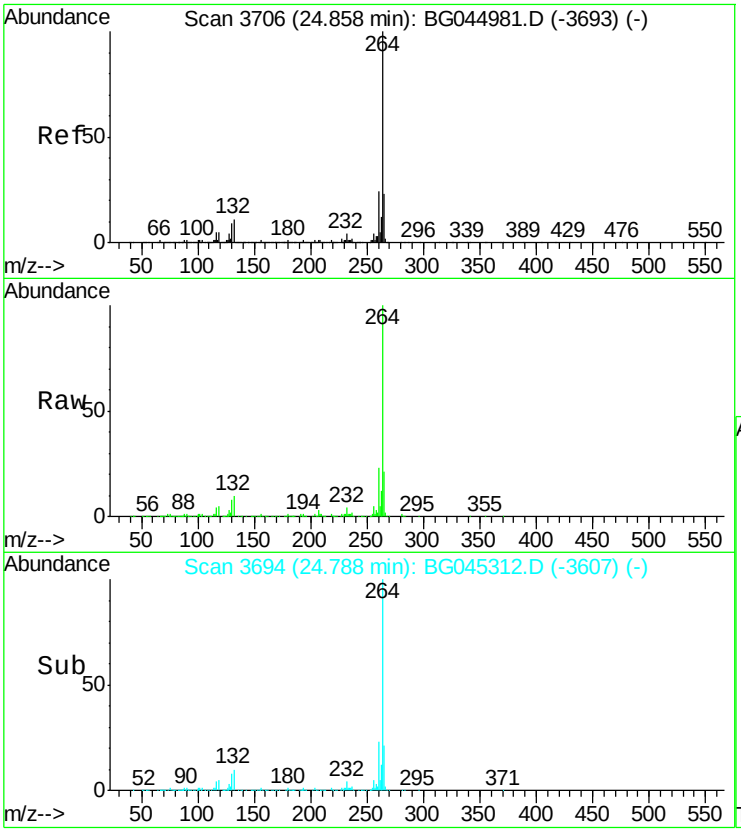


#79
Terphenyl-d14
Concen: 94.641 ng
RT: 19.98 min Scan# 2876
Delta R.T. -0.01 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Tgt Ion:244 Resp: 1938278

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.9	11.9
122	8.7	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.02 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:264 Resp: 490636

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	20.9	19.0	28.4