Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050720\
Data File : BG045266.D
Acq On : 7 May 2020 12:44
Operator : CG/JU
Sample : PB128711BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128711BL

Quant Time: May 07 13:19:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 12:51:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	59808	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	228440	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	165694	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	396311	20.00	ng	0.00
76) Chrysene-d12	21.64	240	405643	20.00	ng	0.00
87) Perylene-d12	24.81	264	417993	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	470926	129.99	ng	0.00
7) Phenol-d6	7.15	99	661153	122.84	ng	0.00
23) Nitrobenzene-d5	9.14	82	458876	91.66	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	327916	128.10	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1040662	92.09	ng	0.00
79) Terphenyl-d14	19.99	244	1912935	102.78	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.15	77	1275	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.14	70	60638	15.930	ng	# 81
32) Benzoic acid	9.74	122	57	6.391	ng	# 1
51) 2,6-Dinitrotoluene	14.63	165	20940	6.939	ng	# 25
57) 2,4-Dinitrotoluene	14.63	165	20940	4.748	ng	# 23
67) 4-Bromophenyl-phenylether	16.12	248	22143	4.331	ng	# 1
69) Atrazine	16.83	200	70	Below Cal	#	35
74) Di-n-butylphthalate	18.33	149	70	Below Cal	#	76
75) Fluoranthene	19.31	202	68	Below Cal		62
77) Benzidine	19.99	184	37285	Below Cal	#	90

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

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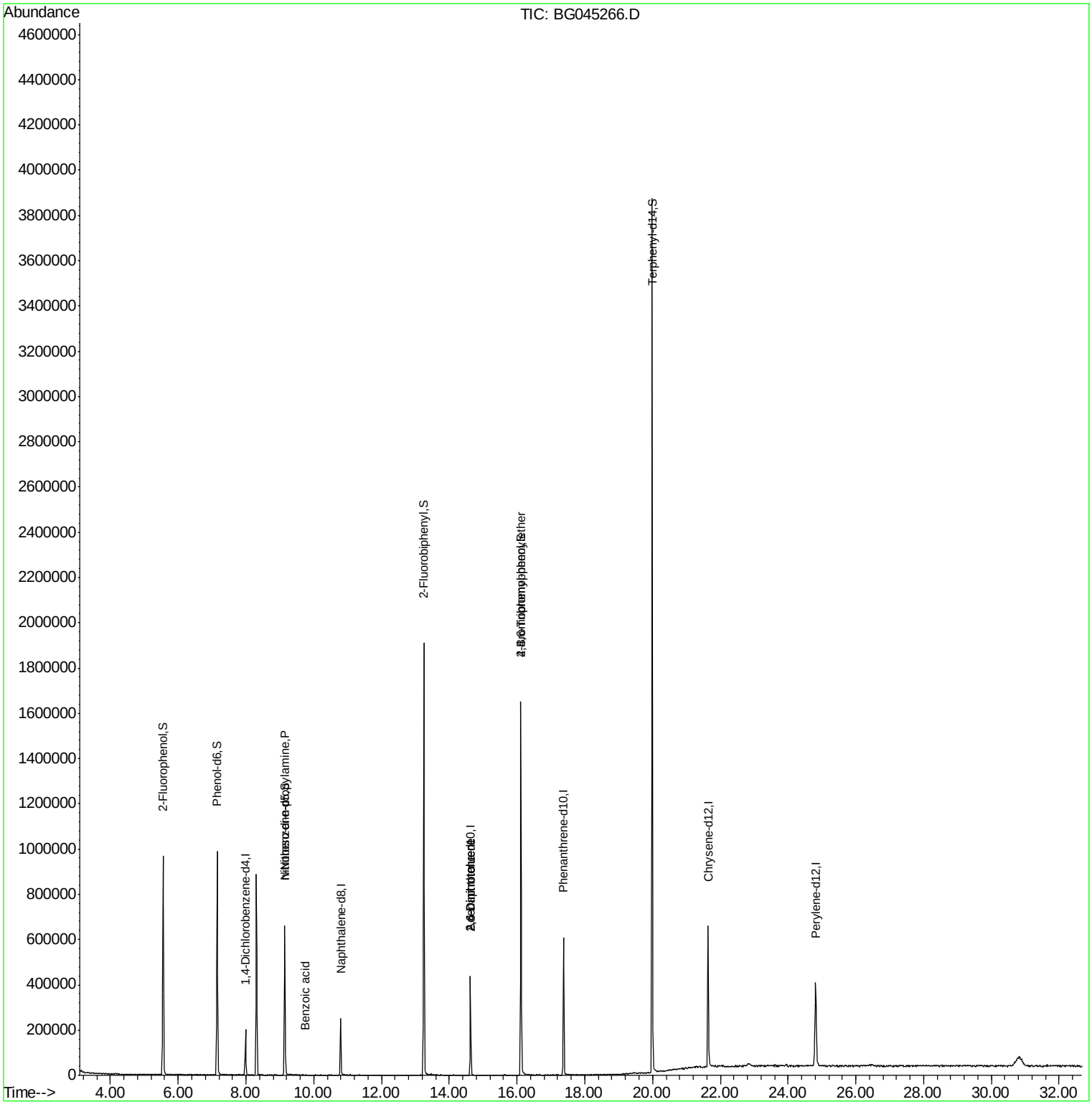
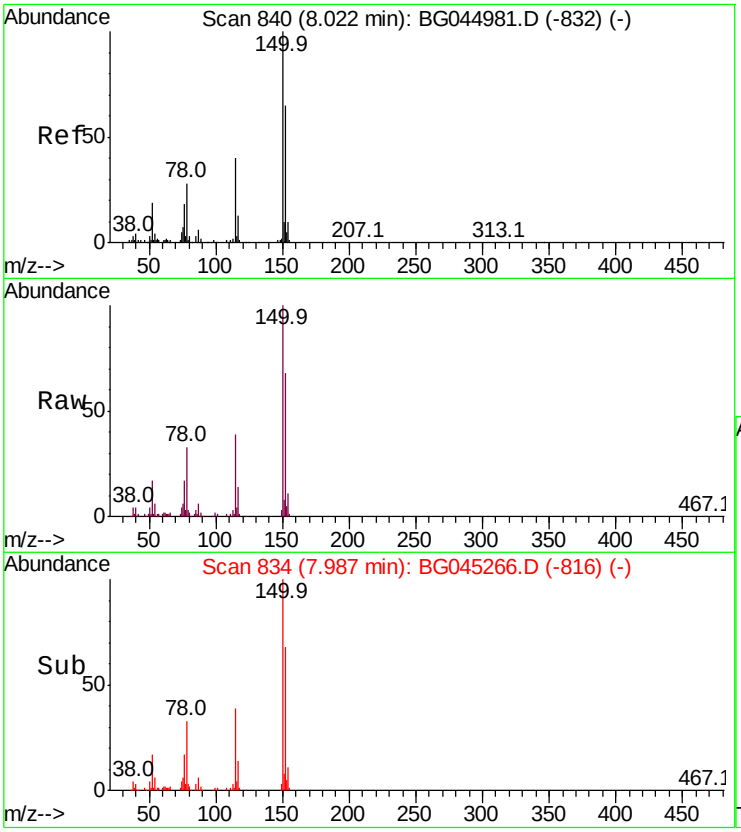


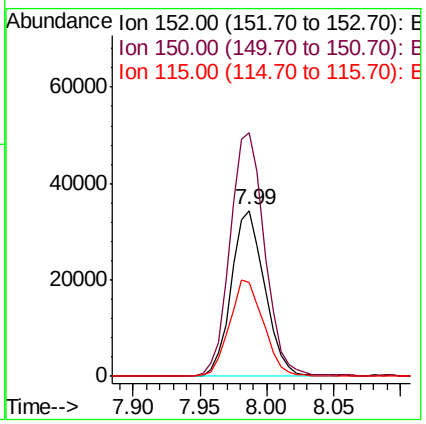


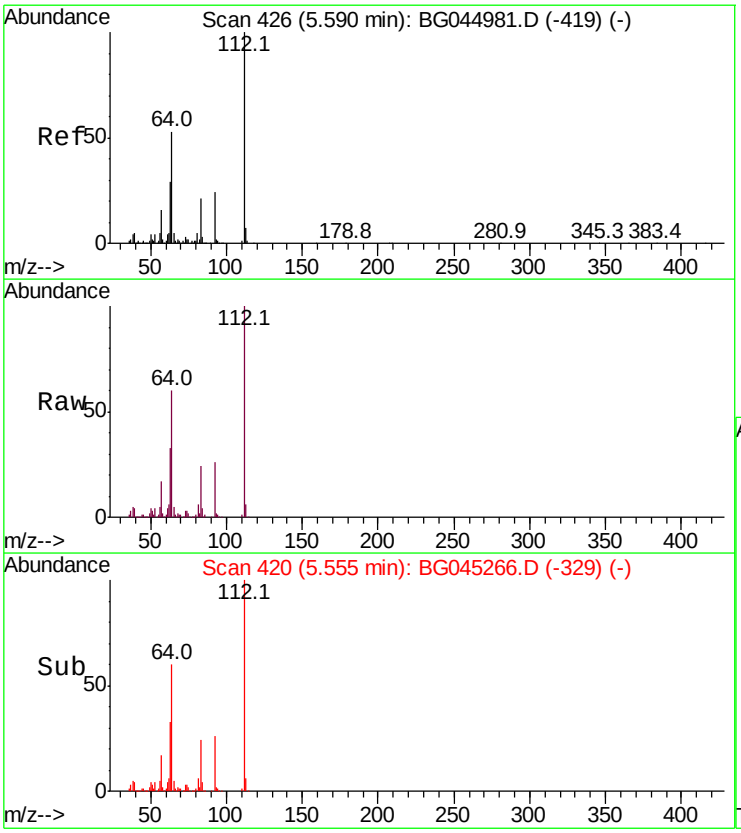
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
PB128711BL

Tgt Ion:152 Resp: 59808

Ion	Ratio	Lower	Upper
152	100		
150	147.1	123.6	185.4
115	56.9	49.1	73.7

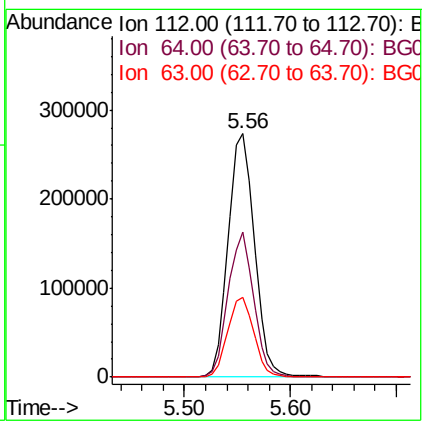


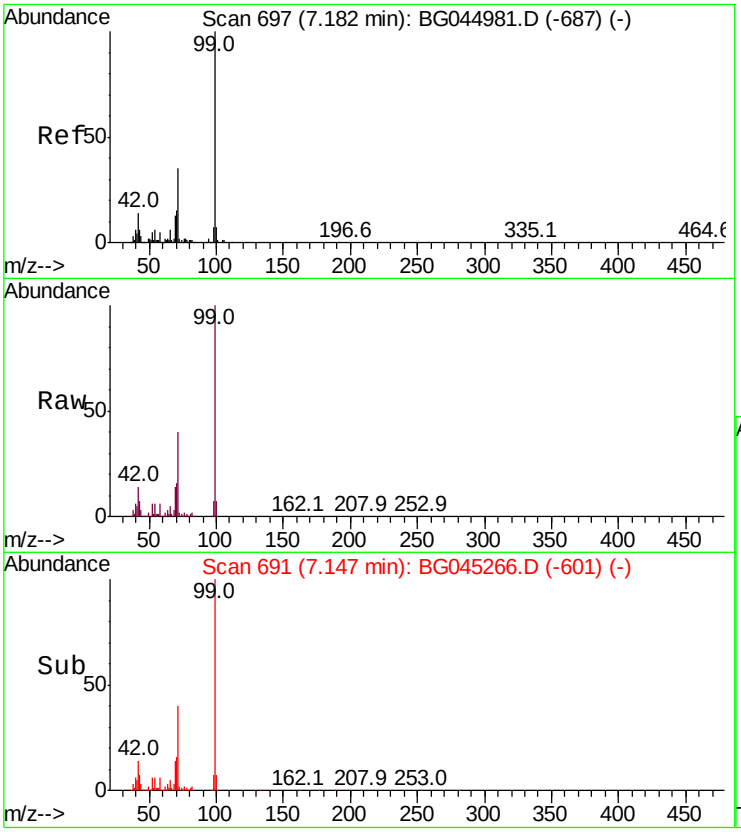


#5
2-Fluorophenol
Concen: 129.995 ng
RT: 5.56 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Tgt Ion:112 Resp: 470926

Ion	Ratio	Lower	Upper
112	100		
64	59.8	42.4	63.6
63	32.9	23.1	34.7



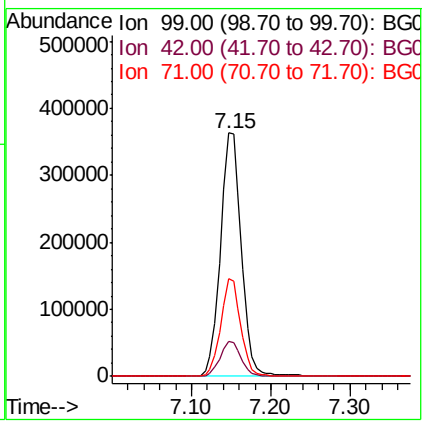


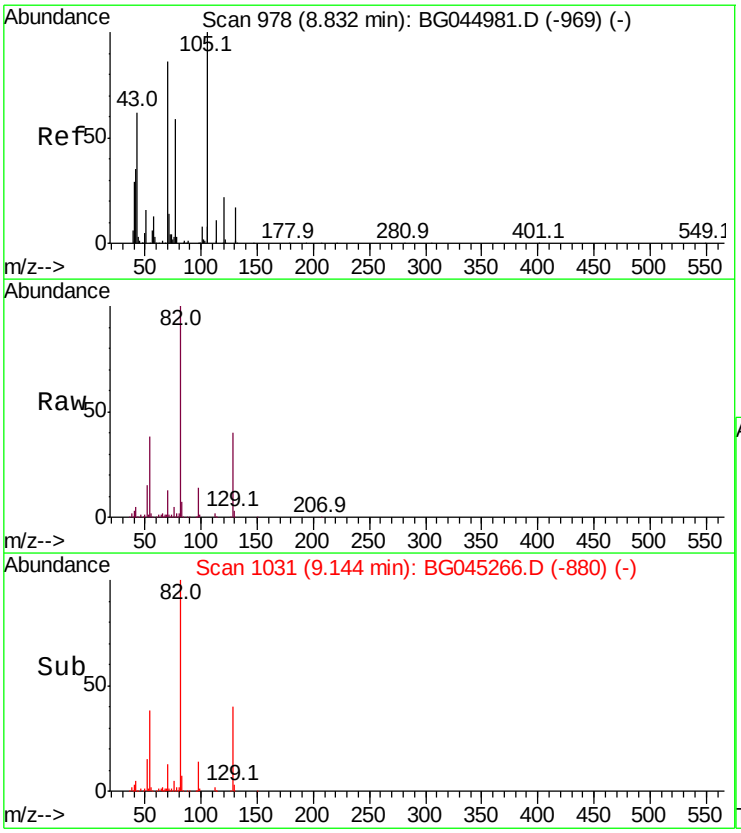
#7
Phenol-d6
Concen: 122.837 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
PB128711BL

Tgt Ion: 99 Resp: 661153

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.3	16.9
71	39.9	28.3	42.5

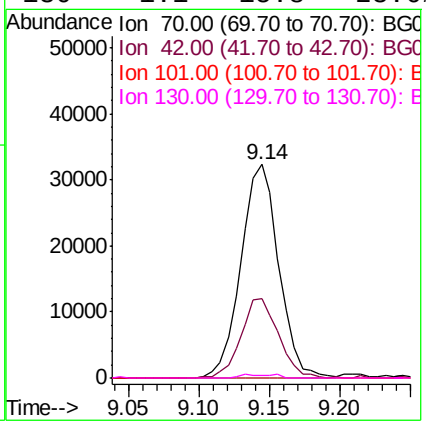


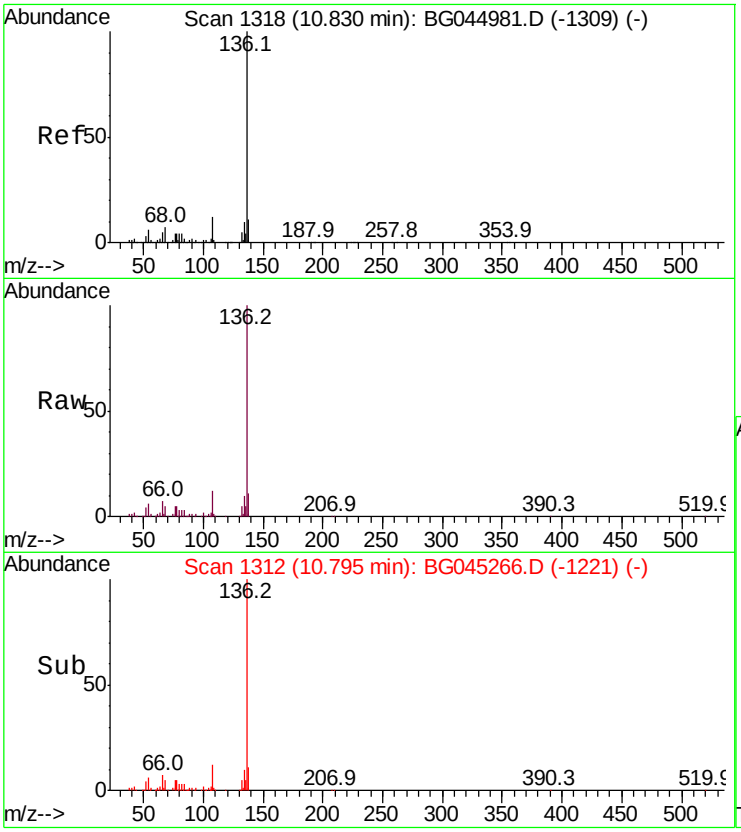


#19
n-Nitroso-di-n-propylamine
Concen: 15.930 ng
RT: 9.14 min Scan# 1031
Delta R.T. 0.36 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Tgt Ion: 70 Resp: 60638

Ion	Ratio	Lower	Upper
70	100		
42	37.1	33.3	49.9
101	0.0	7.8	11.8#
130	1.1	15.8	23.6#



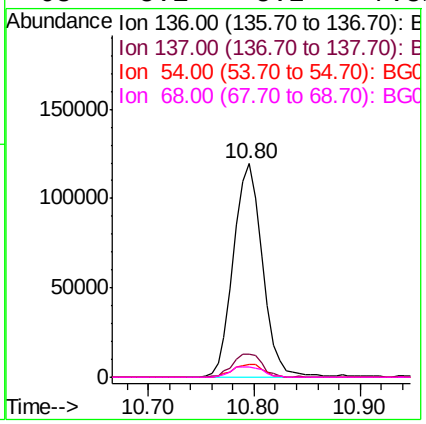


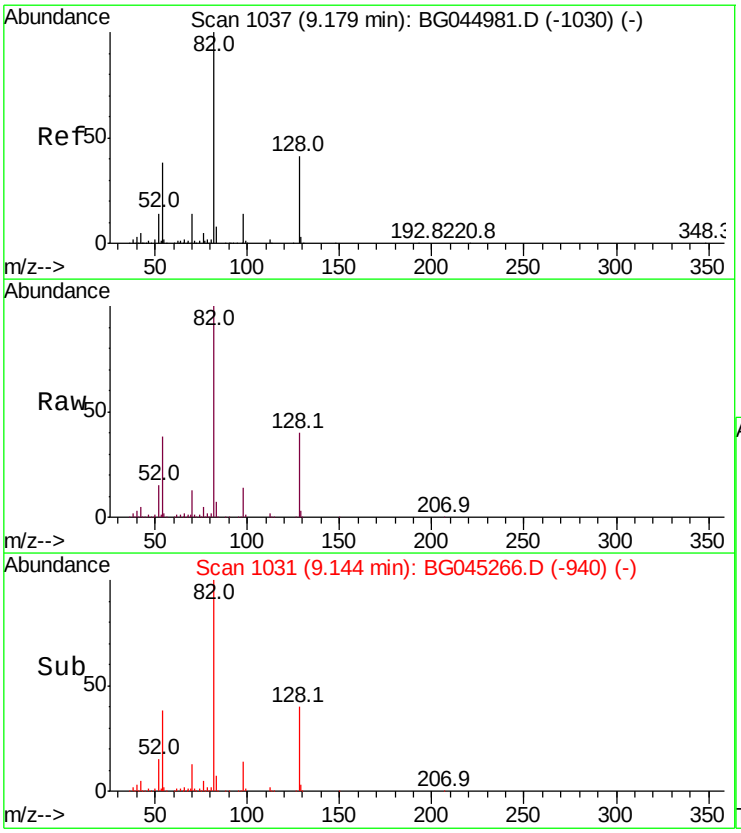
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
PB128711BL

Tgt Ion:136 Resp: 228440

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.3	4.8	7.2
68	5.1	5.2	7.8#

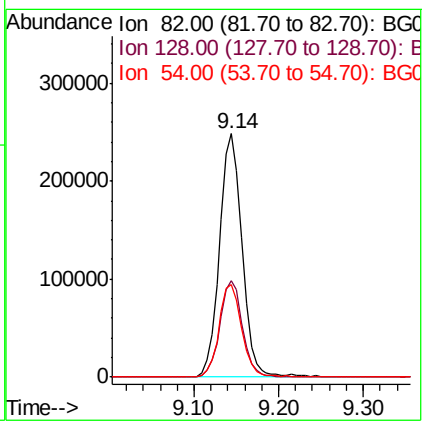


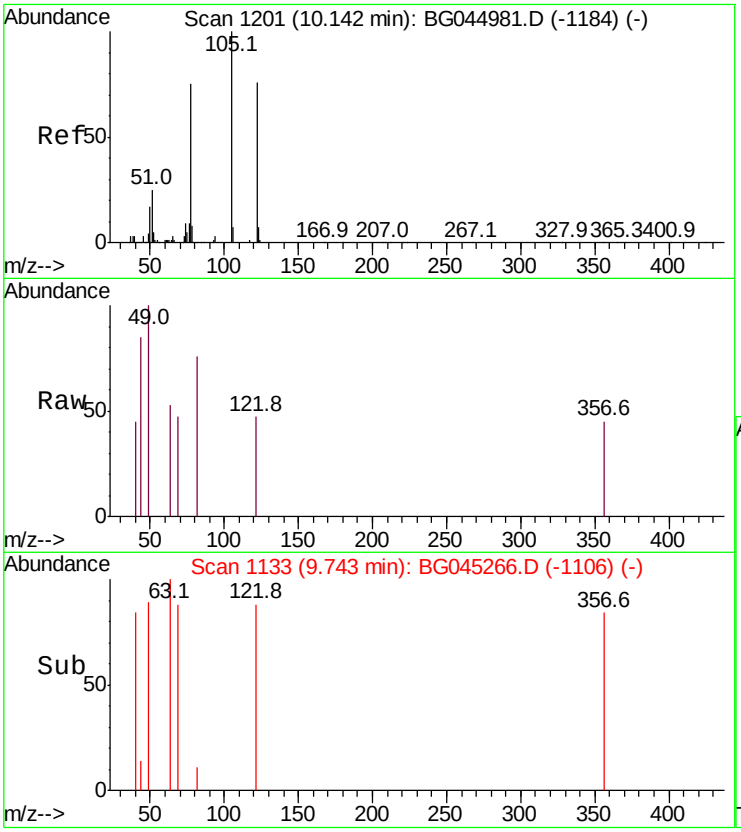


#23
Nitrobenzene-d5
Concen: 91.656 ng
RT: 9.14 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Tgt Ion: 82 Resp: 458876

Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.0	49.4
54	38.1	30.4	45.6



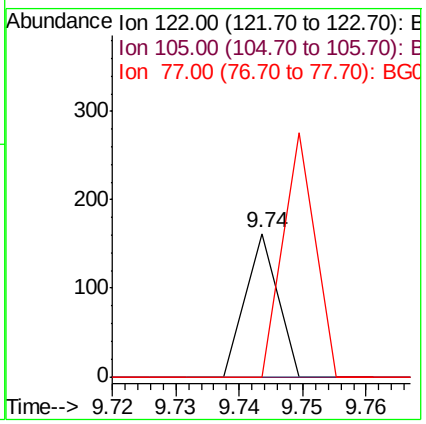


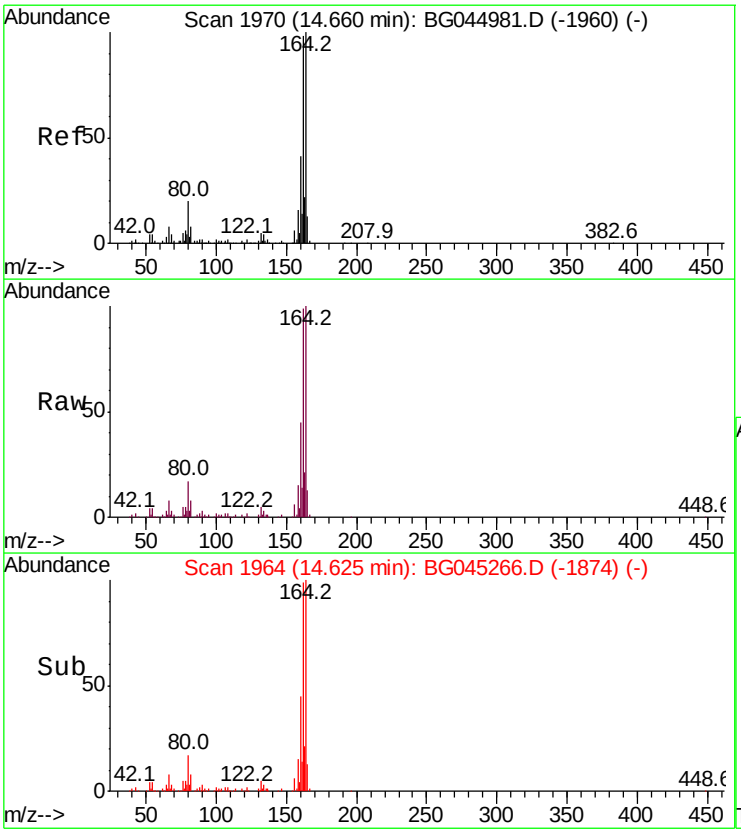
#32
Benzoic acid
Concen: 6.391 ng
RT: 9.74 min Scan# 1133
Delta R.T. -0.37 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
PB128711BL

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#

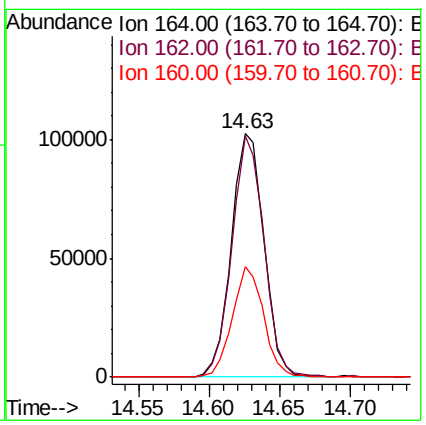


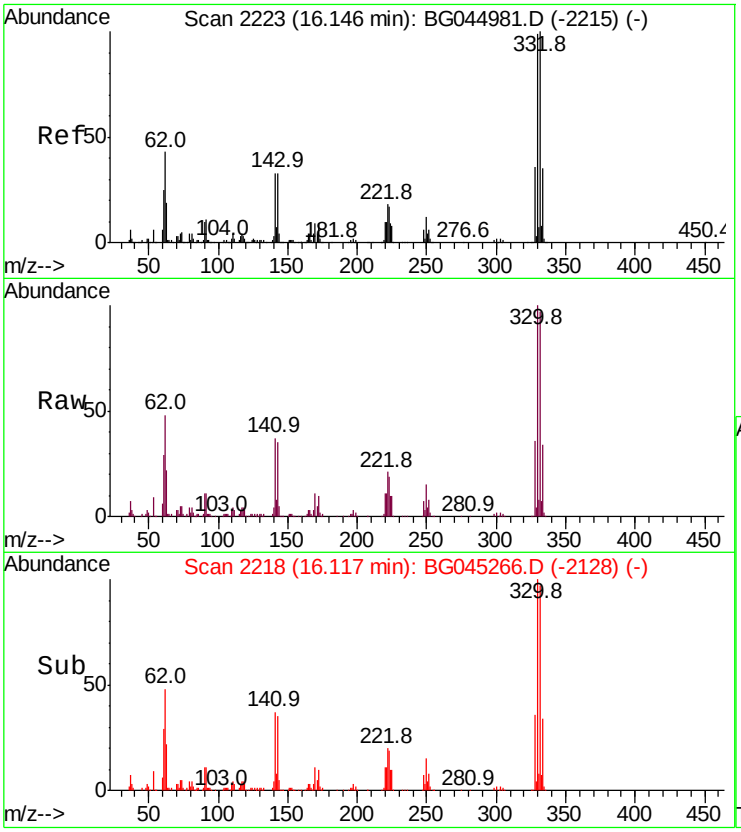


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Tgt Ion:164 Resp: 165694

Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.7	118.1
160	45.2	32.8	49.2



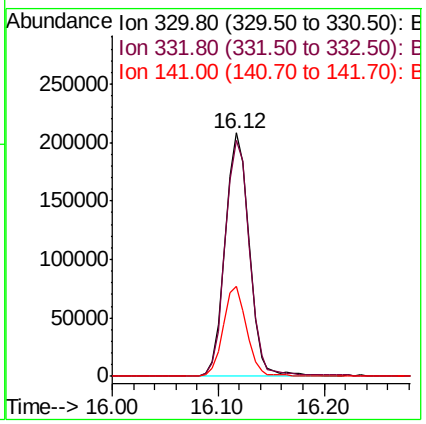


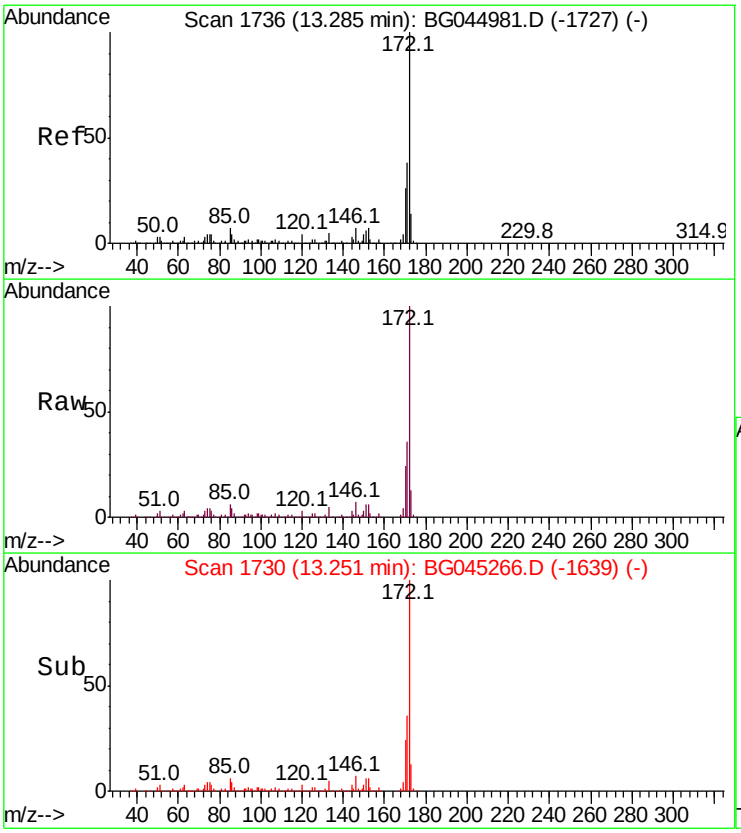
#42
2,4,6-Tribromophenol
Concen: 128.104 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
PB128711BL

Tgt Ion:330 Resp: 327916

Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.1	118.7
141	36.0	27.1	40.7

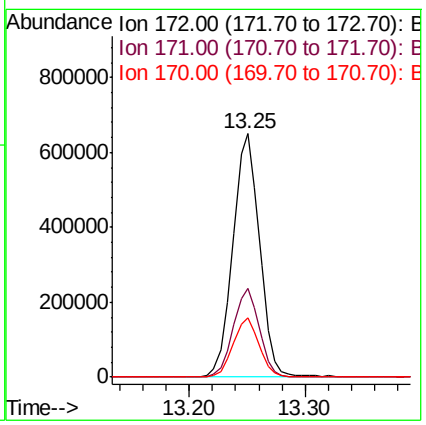


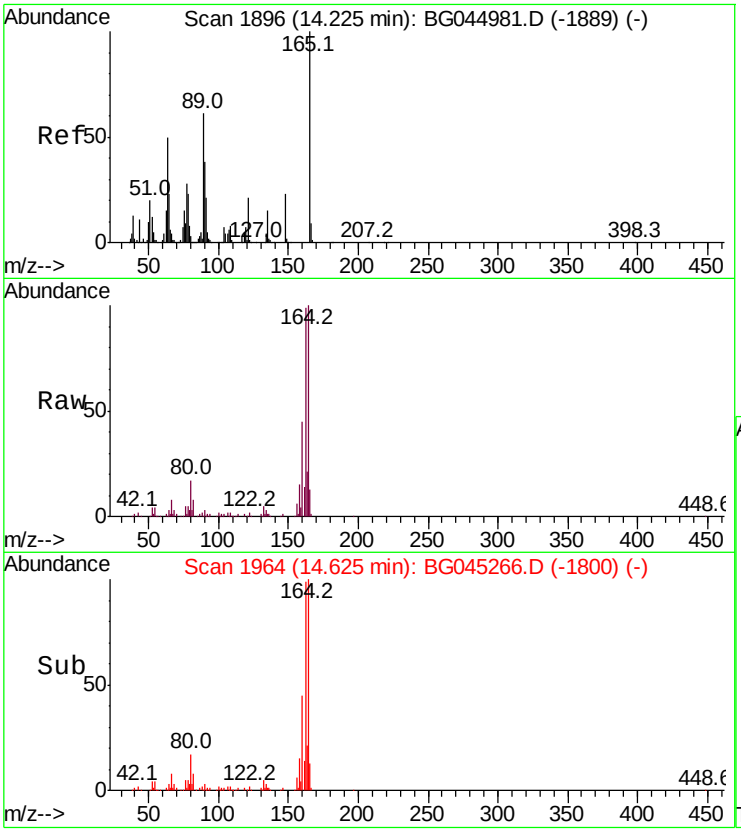


#45
2-Fluorobiphenyl
Concen: 92.094 ng
RT: 13.25 min Scan# 1730
Delta R.T. 0.00 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Tgt Ion:172 Resp: 1040662

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	46.0
170	24.2	20.5	30.7



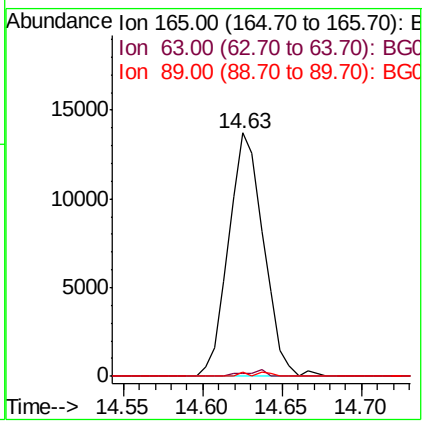


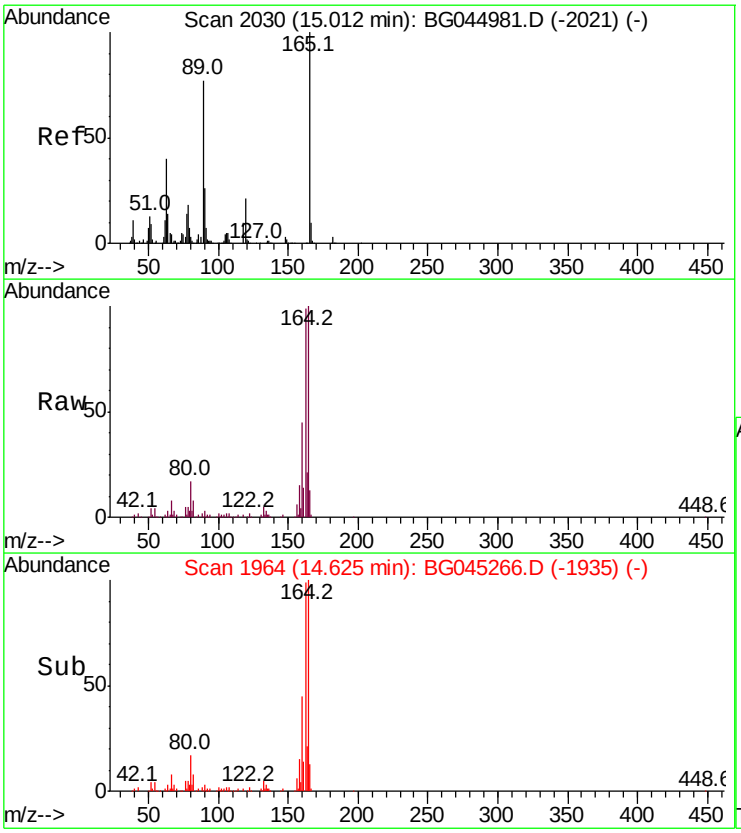
#51
2,6-Dinitrotoluene
Concen: 6.939 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.43 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
PB128711BL

Tgt Ion:165 Resp: 20940

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.4	60.6#
89	2.0	49.1	73.7#

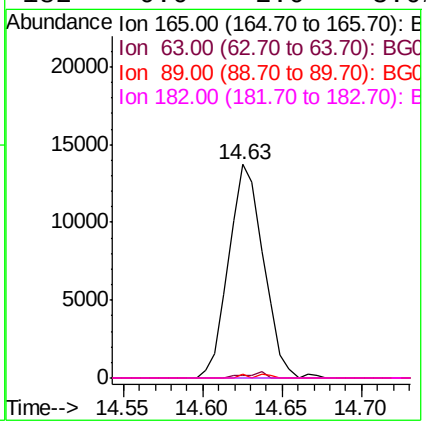


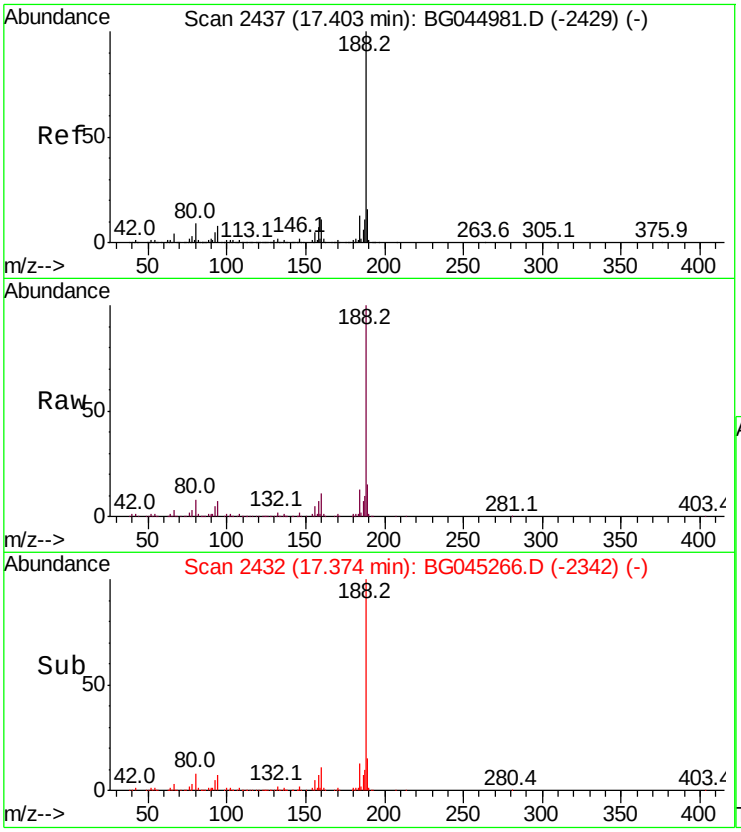


#57
2,4-Dinitrotoluene
Concen: 4.748 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.36 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Tgt Ion:165 Resp: 20940

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



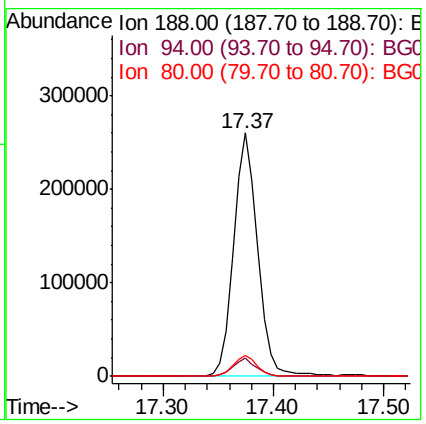


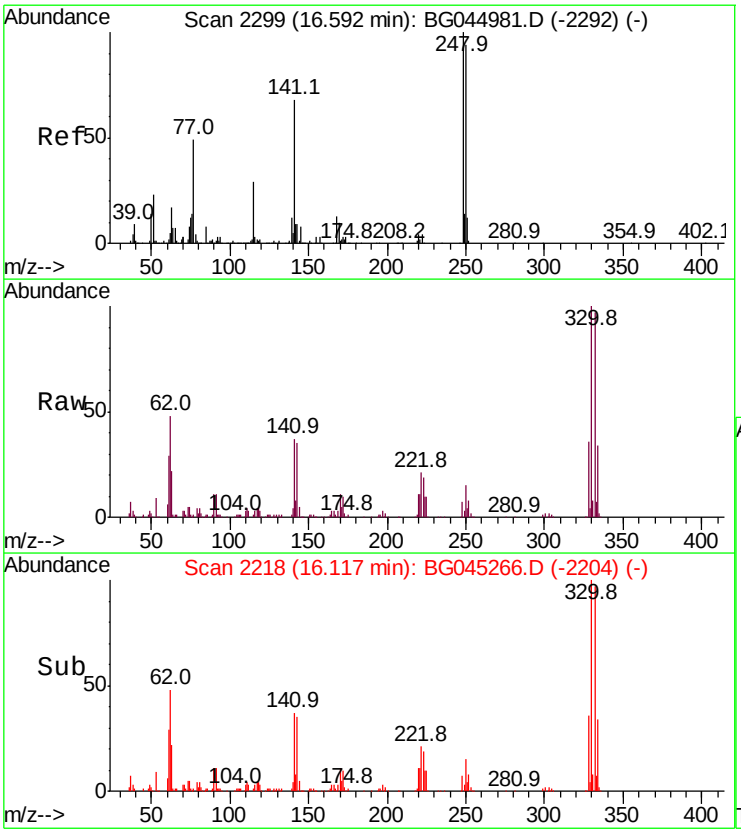
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
PB128711BL

Tgt Ion:188 Resp: 396311

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.2	9.4
80	8.4	7.0	10.6

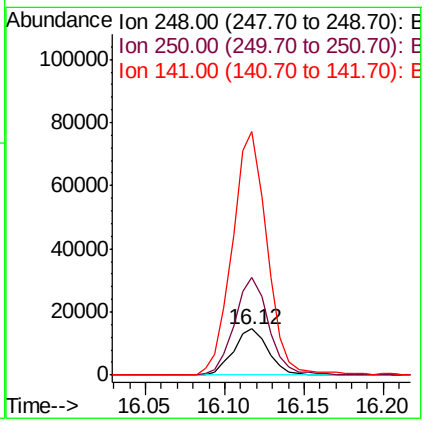


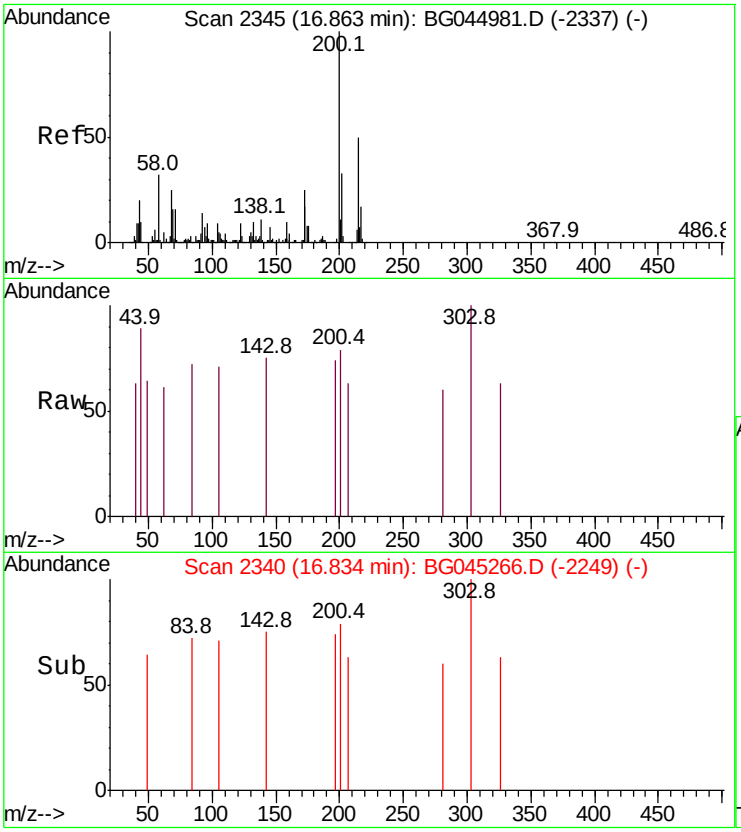


#67
4-Bromophenyl-phenylether
Concen: 4.331 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.45 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Tgt Ion:248 Resp: 22143

Ion	Ratio	Lower	Upper
248	100		
250	210.2	75.4	113.2#
141	524.3	54.4	81.6#



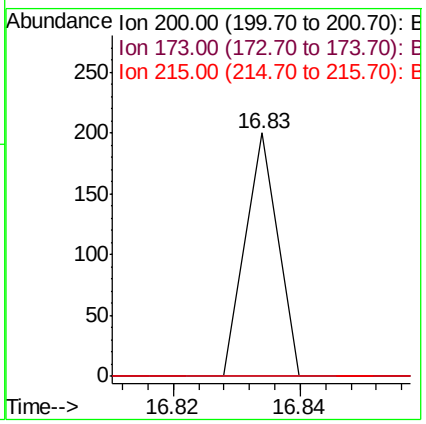


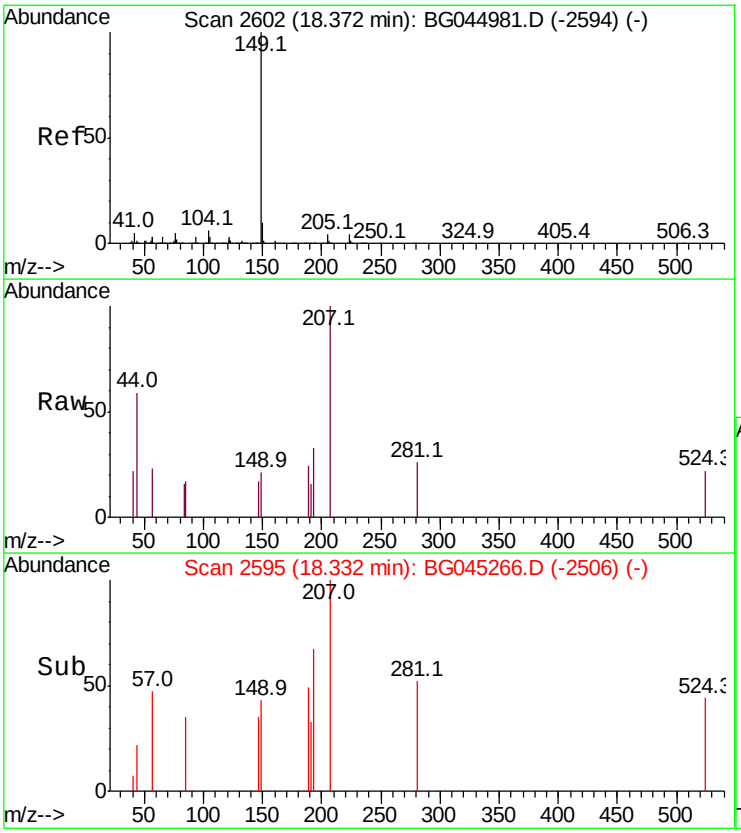
#69
Atrazine
Concen: Below Cal
RT: 16.83 min Scan# 2340
Delta R.T. 0.00 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
PB128711BL

Tgt Ion:200 Resp: 70

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

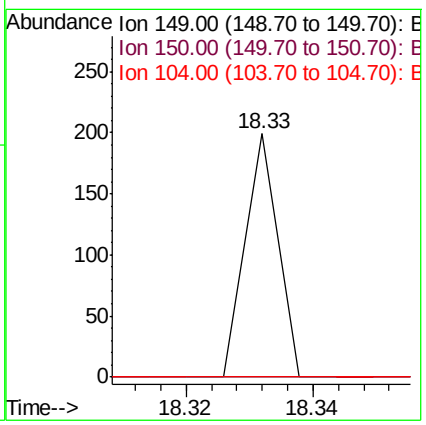


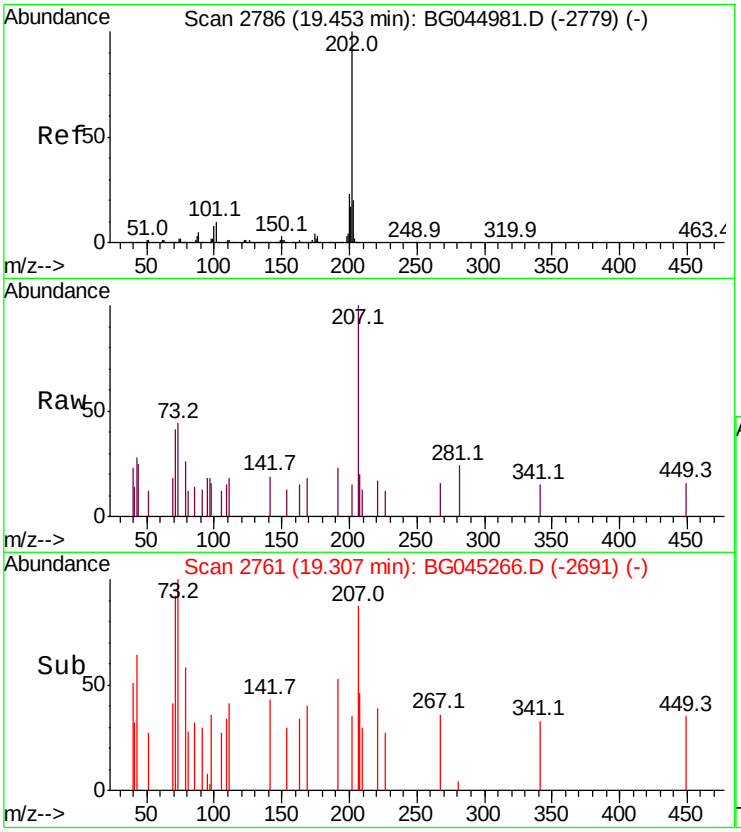


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.33 min Scan# 2595
Delta R.T. -0.01 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Tgt Ion:149 Resp: 70

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



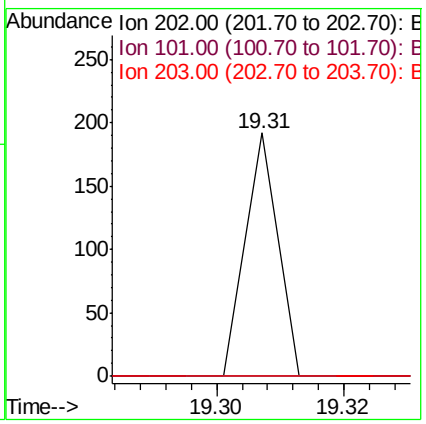


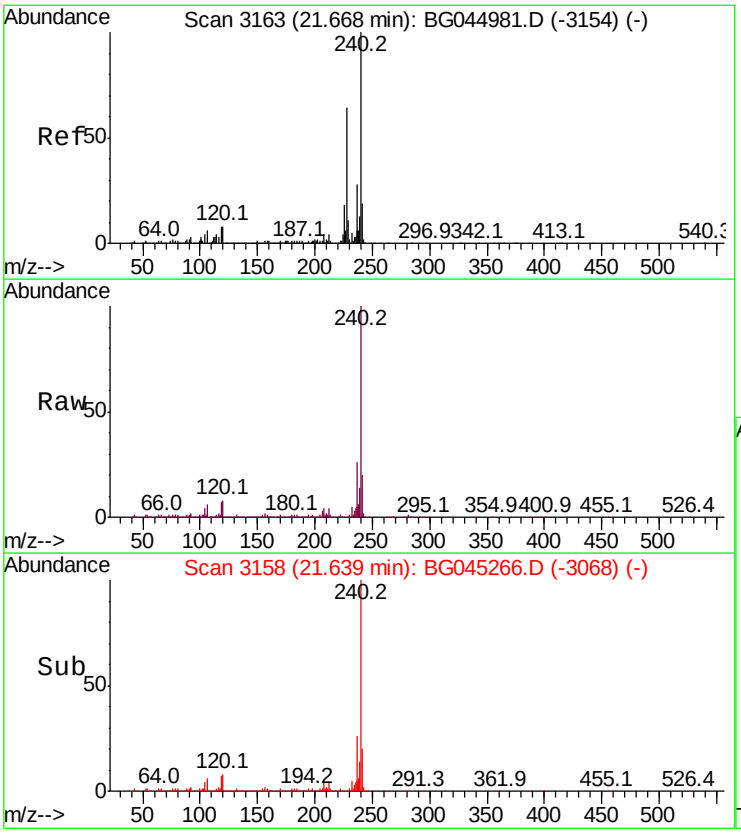
#75
Fluoranthene
Concen: Below Cal
RT: 19.31 min Scan# 2761
Delta R.T. -0.12 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
PB128711BL

Tgt Ion:202 Resp: 68

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

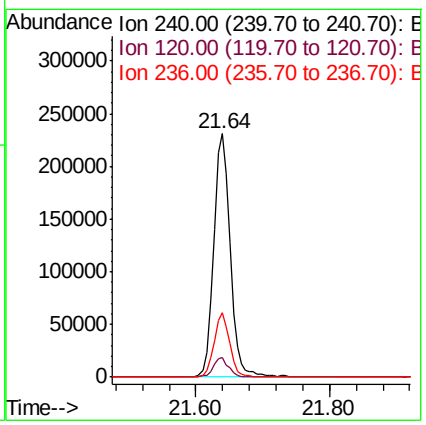


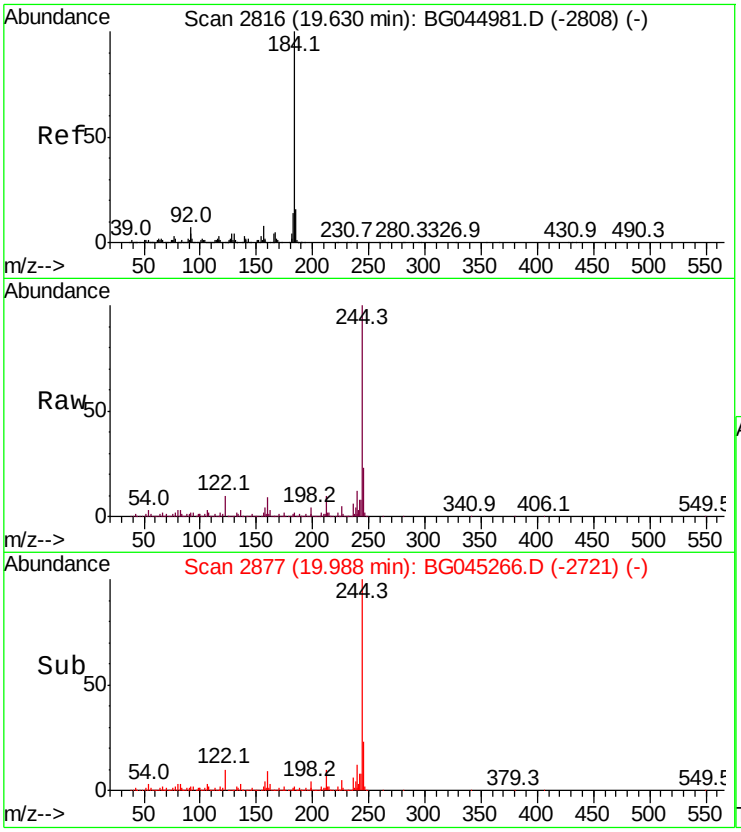


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Tgt Ion:240 Resp: 405643

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.6	10.0
236	26.3	22.2	33.2



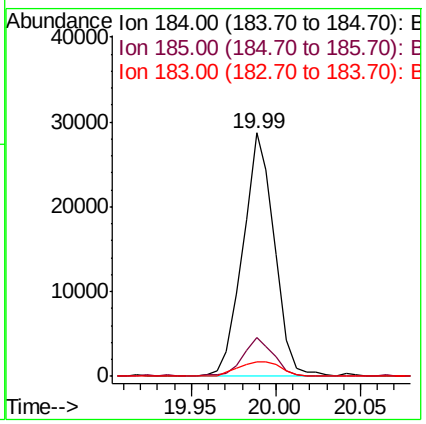


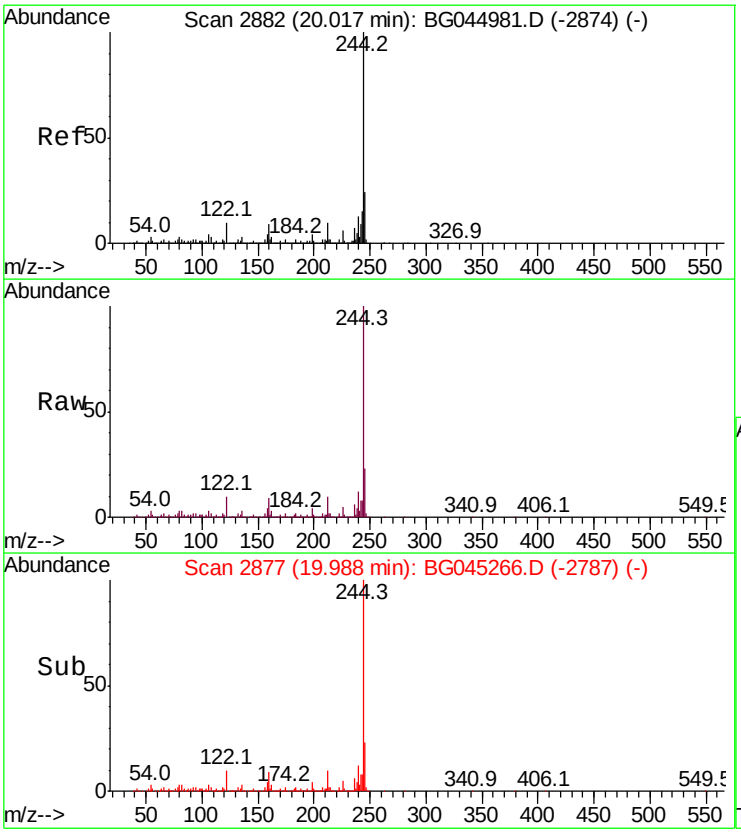
#77
Benzidine
Concen: Below Cal
RT: 19.99 min Scan# 2877
Delta R.T. 0.39 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
PB128711BL

Tgt Ion:184 Resp: 37285

Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.6	19.0
183	6.1	11.3	16.9#

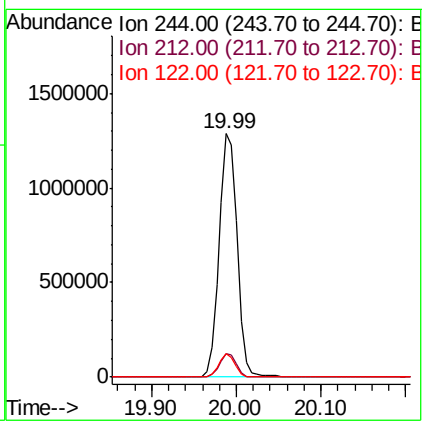


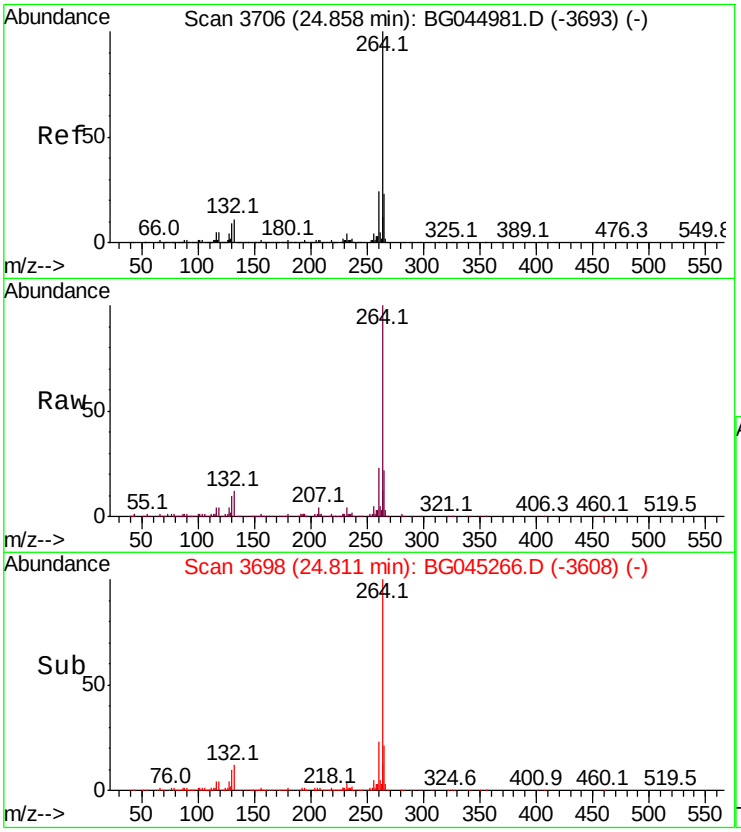


#79
Terphenyl-d14
Concen: 102.784 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.00 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Tgt Ion:244 Resp: 1912935

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.9	11.9
122	9.5	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3698
Delta R.T. -0.00 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
PB128711BL

Tgt Ion:264 Resp: 417993

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.6	19.0	28.4