Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044802.D
Acq On : 14 Mar 2020 19:41
Operator : CG/JU
Sample : PB127536BL
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB127536BL

Quant Time: Mar 16 01:38:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	97501	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	407170	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	264913	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	552649	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	500031	20.00	ng	-0.02
87) Perylene-d12	24.92	264	552932	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	692215	110.52	ng	0.00
7) Phenol-d6	7.21	99	977038	107.36	ng	0.00
23) Nitrobenzene-d5	9.20	82	664996	71.67	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	379952	109.54	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1372887	74.21	ng	-0.01
79) Terphenyl-d14	20.04	244	2001353	74.87	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.21	77	1854	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.20	70	89313	13.90	ng	# 74
26) 2-Nitrophenol	9.90	139	69	5.53	ng	# 28
51) 2,6-Dinitrotoluene	14.68	165	34832	8.19	ng	# 19
54) 2,4-Dinitrophenol	14.96	184	56	8.35	ng	# 2
57) 2,4-Dinitrotoluene	14.68	165	34832	5.97	ng	# 17
65) 4,6-Dinitro-2-methylphenol	15.78	198	68	7.75	ng	# 35
67) 4-Bromophenyl-phenylether	16.17	248	25900	3.75	ng	# 1

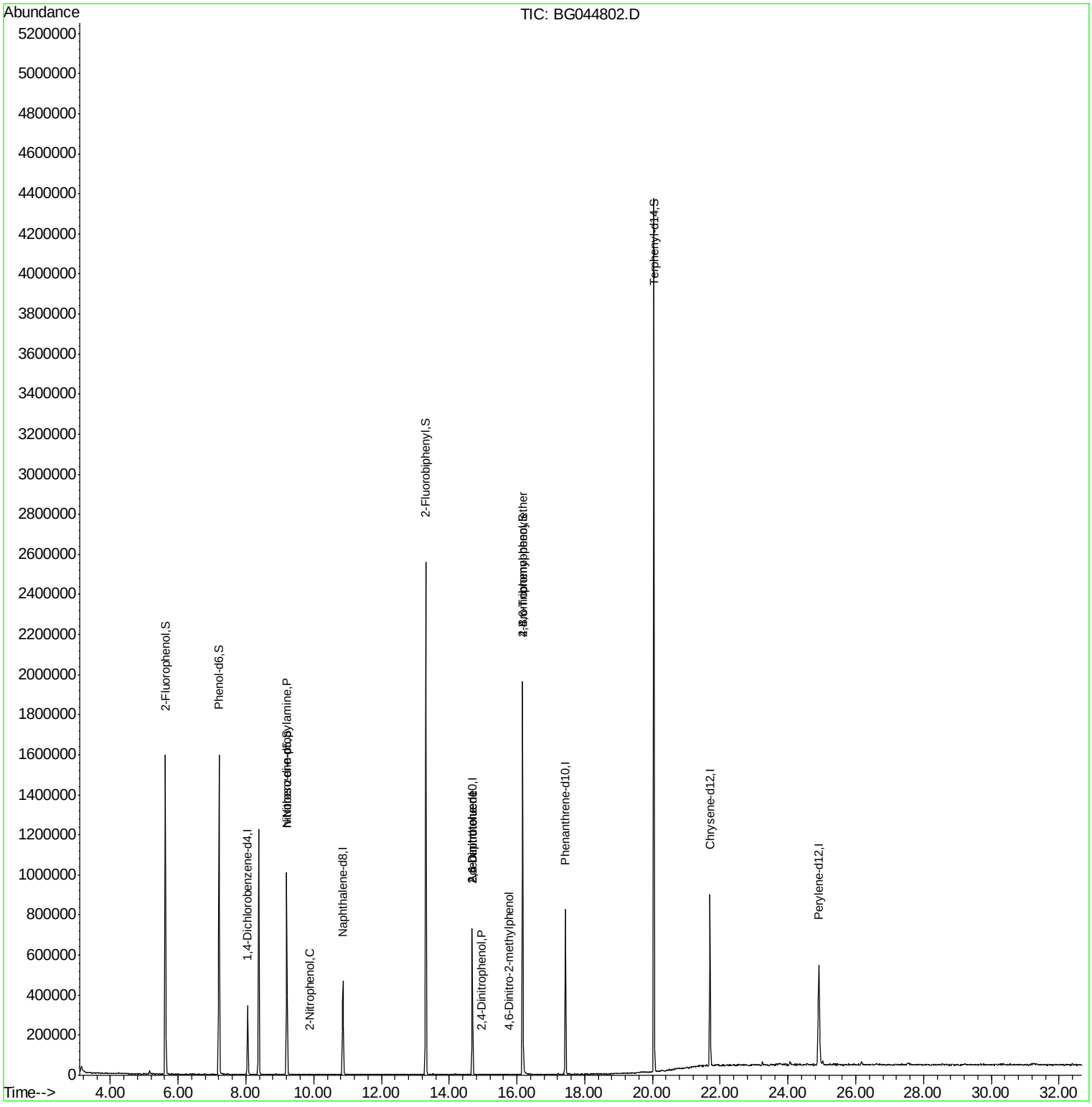
(#) = qualifier out of range (m) = manual integration (+) = signals summed

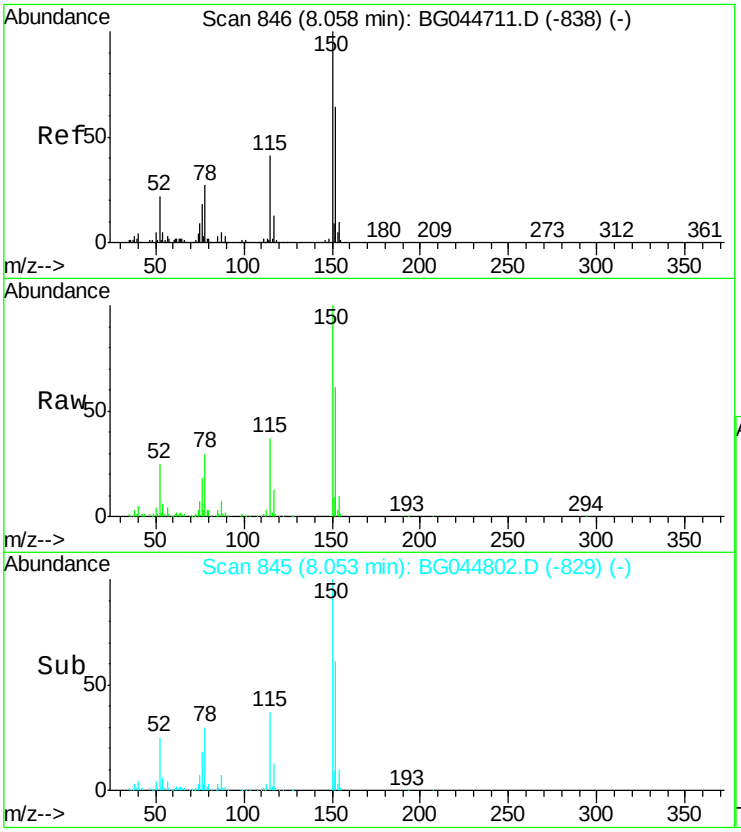
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044802.D
Acq On : 14 Mar 2020 19:41
Operator : CG/JU
Sample : PB127536BL
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB127536BL

Quant Time: Mar 16 01:38:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration



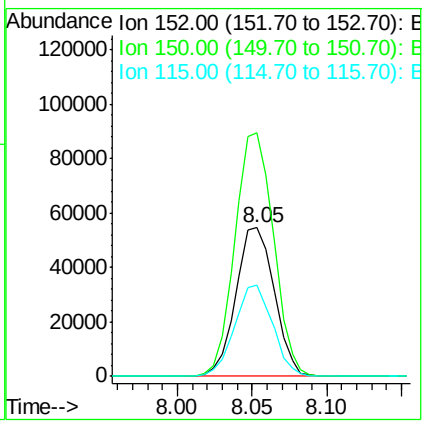


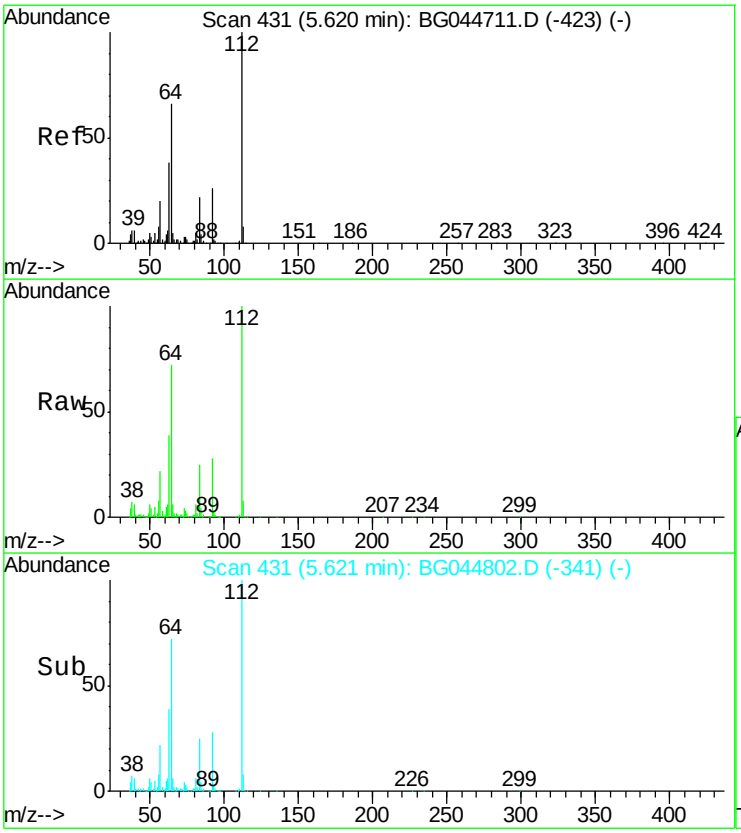
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB127536BL

Tgt Ion:152 Resp: 97501

Ion	Ratio	Lower	Upper
152	100		
150	163.9	125.3	187.9
115	61.4	51.7	77.5

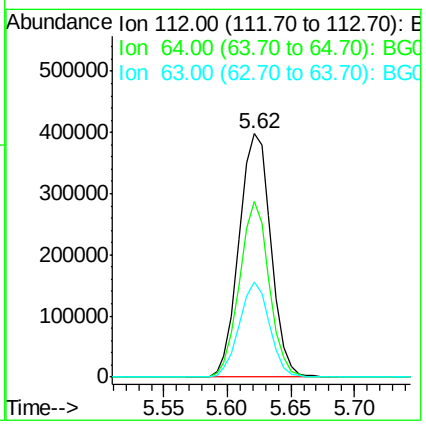


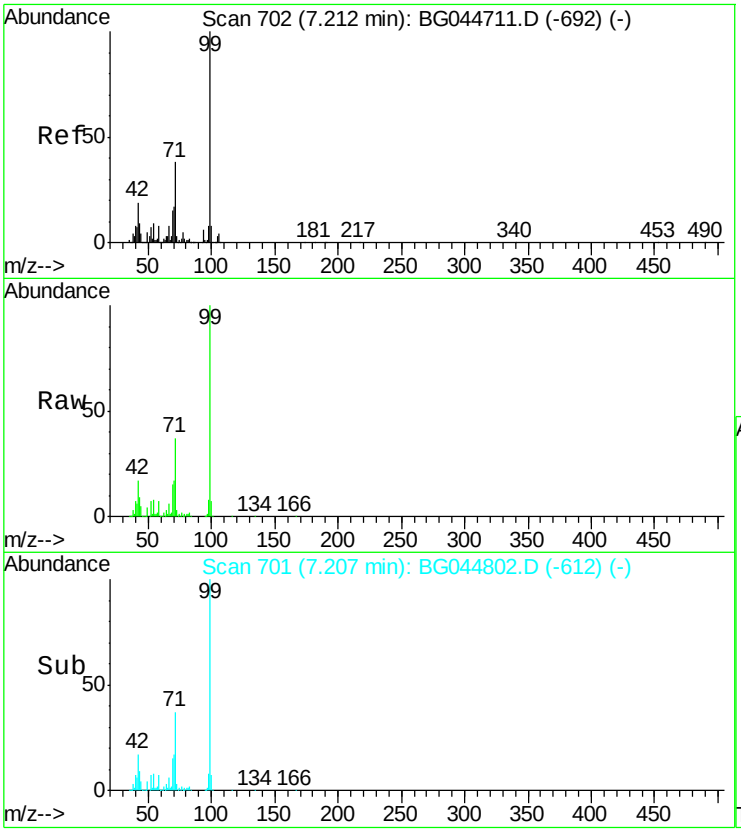


#5
2-Fluorophenol
Concen: 110.52 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Tgt Ion:112 Resp: 692215

Ion	Ratio	Lower	Upper
112	100		
64	72.1	52.6	78.8
63	39.2	30.2	45.4



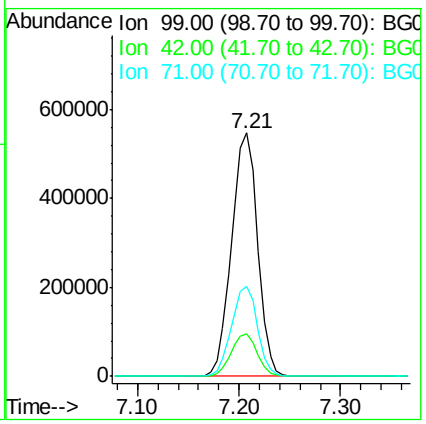


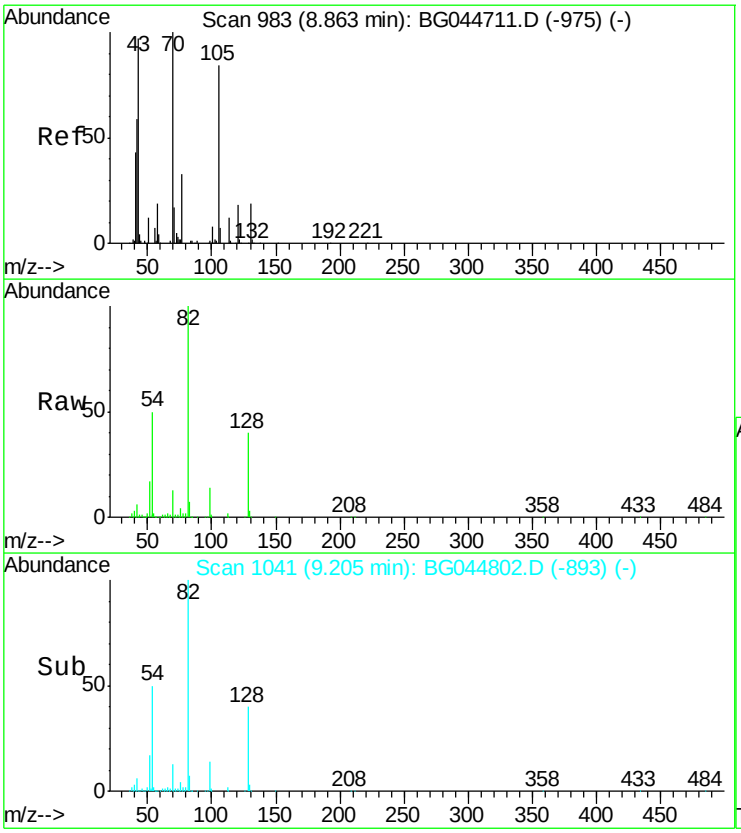
#7
Phenol-d6
Concen: 107.36 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB127536BL

Tgt Ion: 99 Resp: 977038

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.4	23.0
71	36.9	30.2	45.4

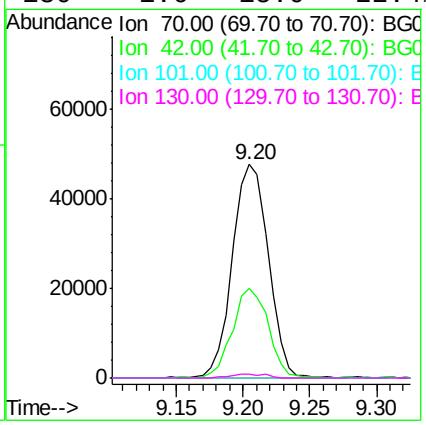


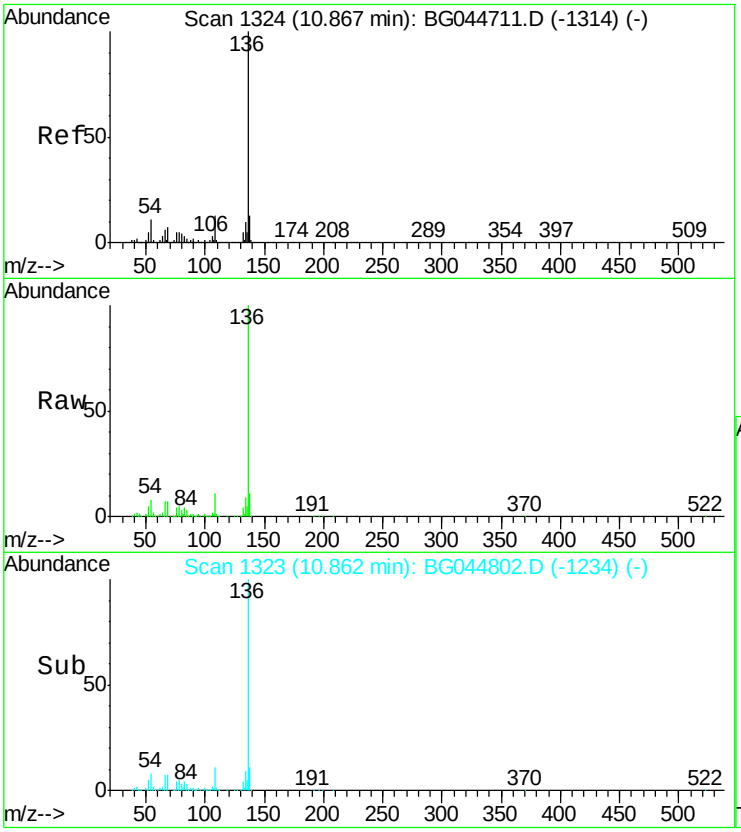


#19
n-Nitroso-di-n-propylamine
Concen: 13.90 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.34 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Tgt Ion: 70 Resp: 89313

Ion	Ratio	Lower	Upper
70	100		
42	42.2	47.6	71.4#
101	0.0	6.5	9.7#
130	1.6	15.0	22.4#



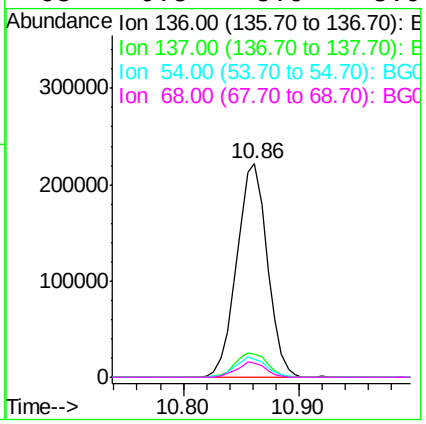


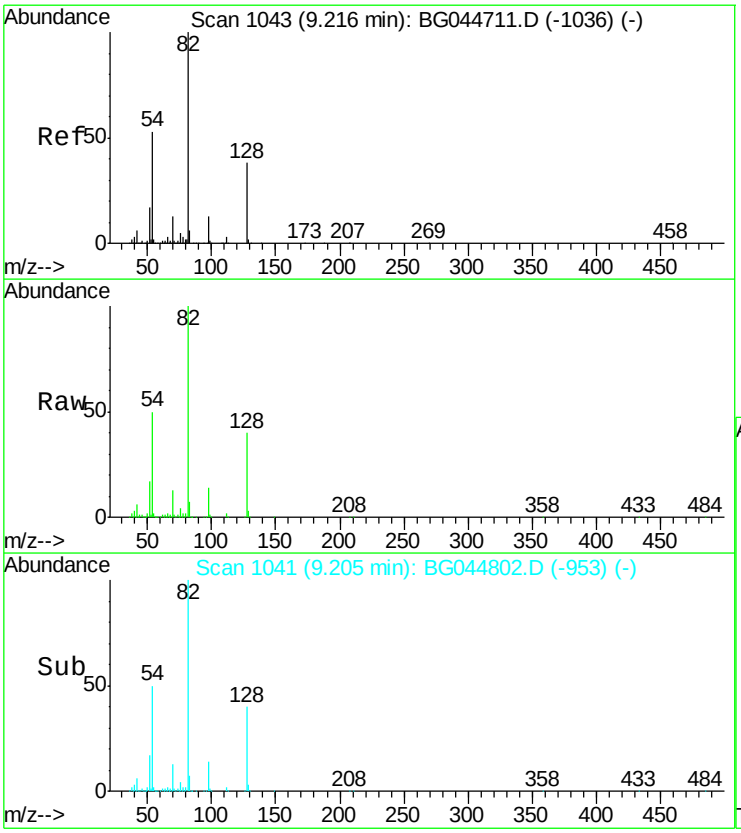
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB127536BL

Tgt Ion:136 Resp: 407170

Ion	Ratio	Lower	Upper
136	100		
137	10.8	10.7	16.1
54	8.3	9.0	13.4#
68	6.5	5.9	8.9

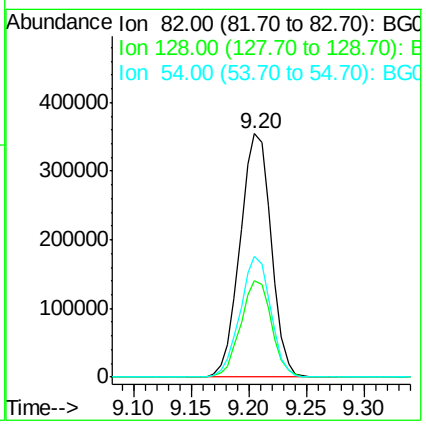


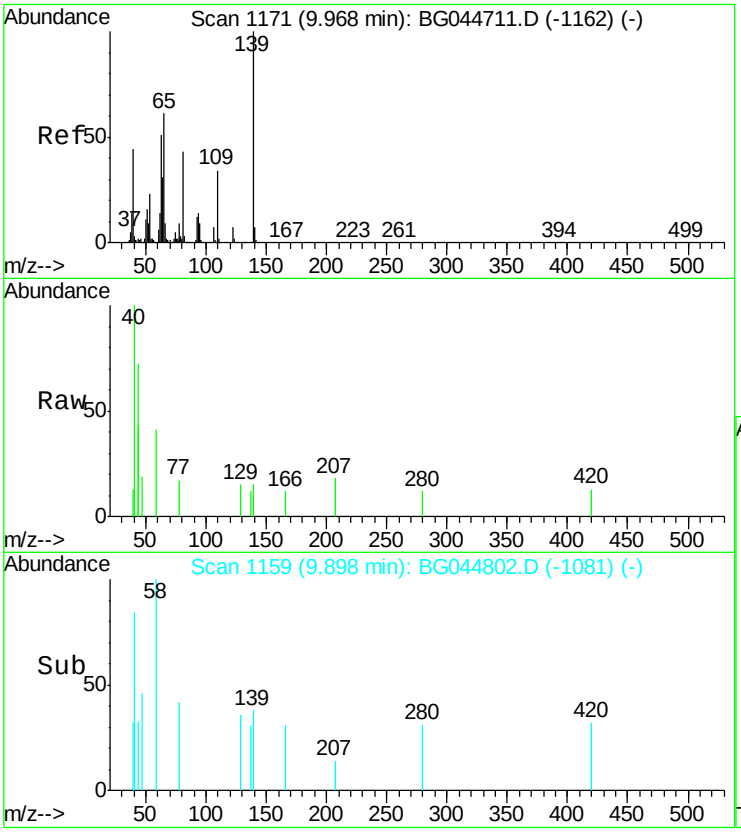


#23
Nitrobenzene-d5
Concen: 71.67 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Tgt Ion: 82 Resp: 664996

Ion	Ratio	Lower	Upper
82	100		
128	39.8	30.2	45.2
54	49.6	41.8	62.8



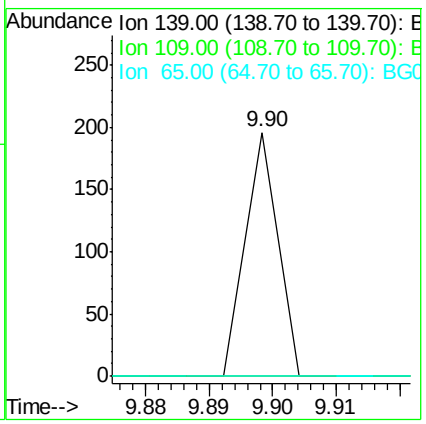


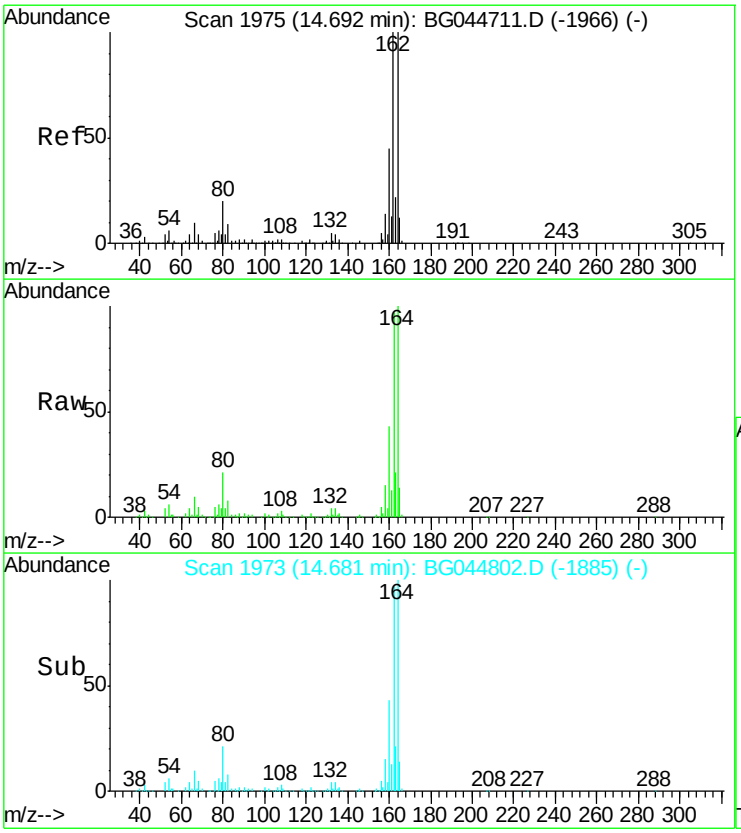
#26
2-Nitrophenol
Concen: 5.53 ng
RT: 9.90 min Scan# 1159
Delta R.T. -0.07 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB127536BL

Tgt Ion:139 Resp: 69

Ion	Ratio	Lower	Upper
139	100		
109	0.0	27.0	40.4#
65	0.0	48.6	73.0#

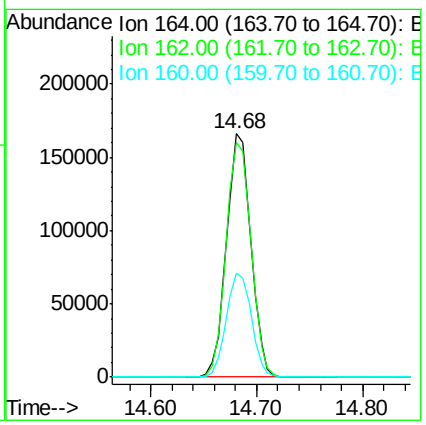


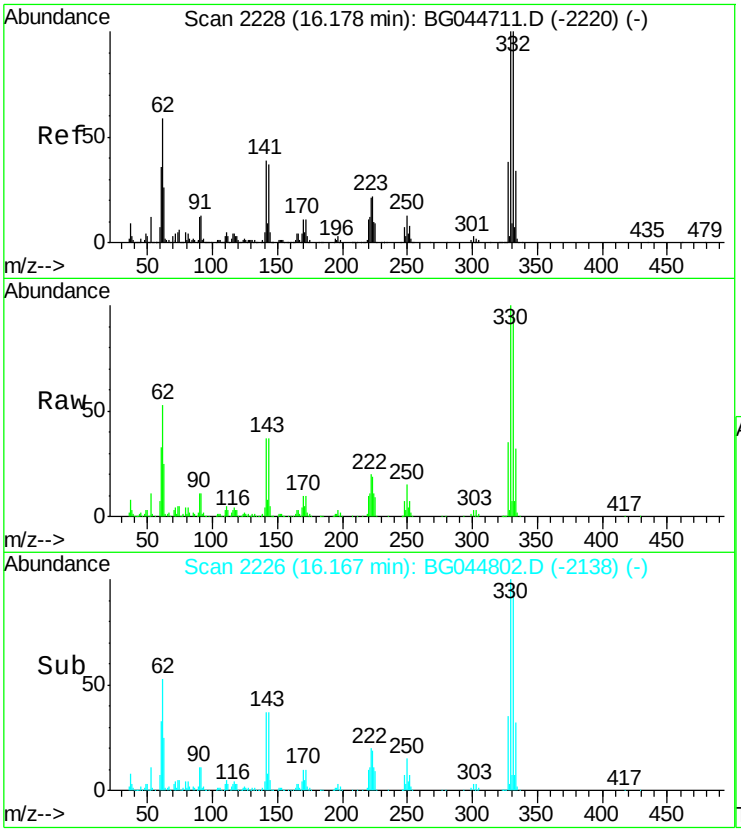


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Tgt Ion:164 Resp: 264913

Ion	Ratio	Lower	Upper
164	100		
162	96.6	80.2	120.4
160	42.7	36.2	54.2



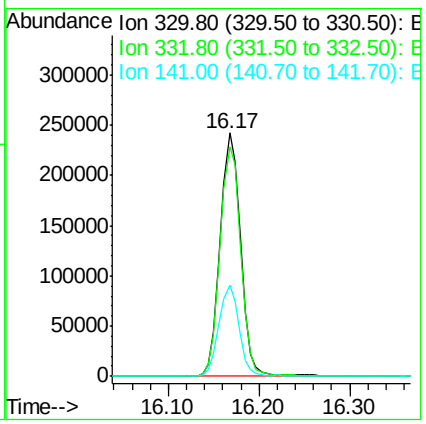


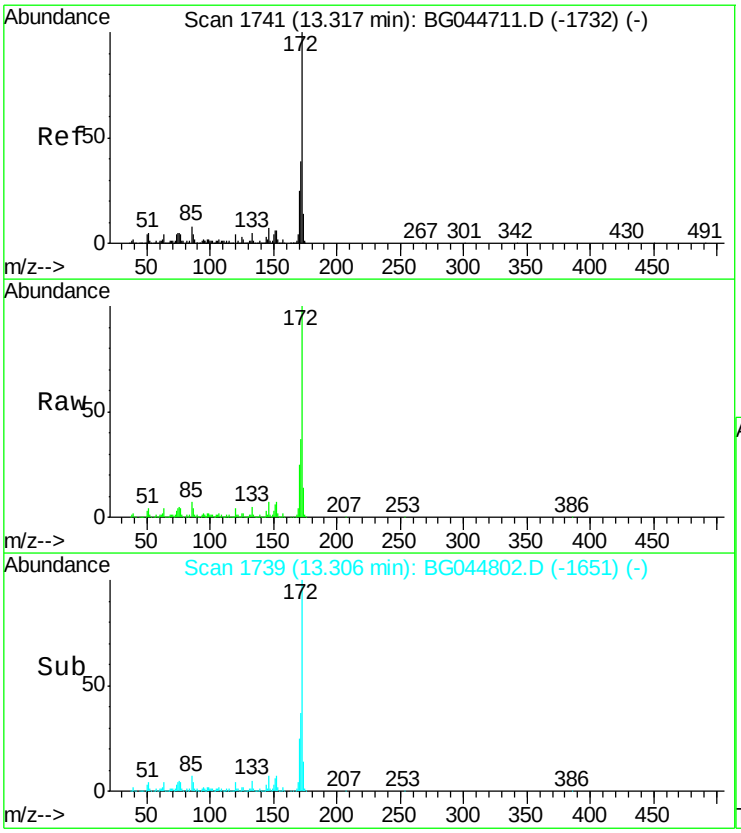
#42
2,4,6-Tribromophenol
Concen: 109.54 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB127536BL

Tgt Ion:330 Resp: 379952

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.5	116.3
141	37.1	31.7	47.5

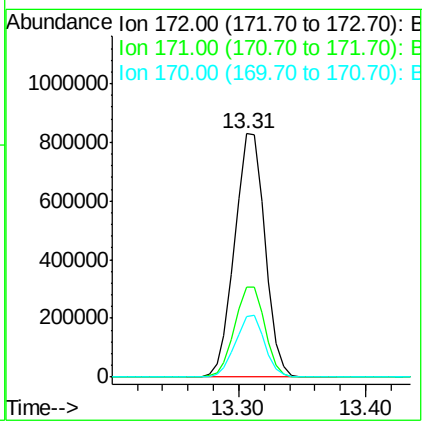


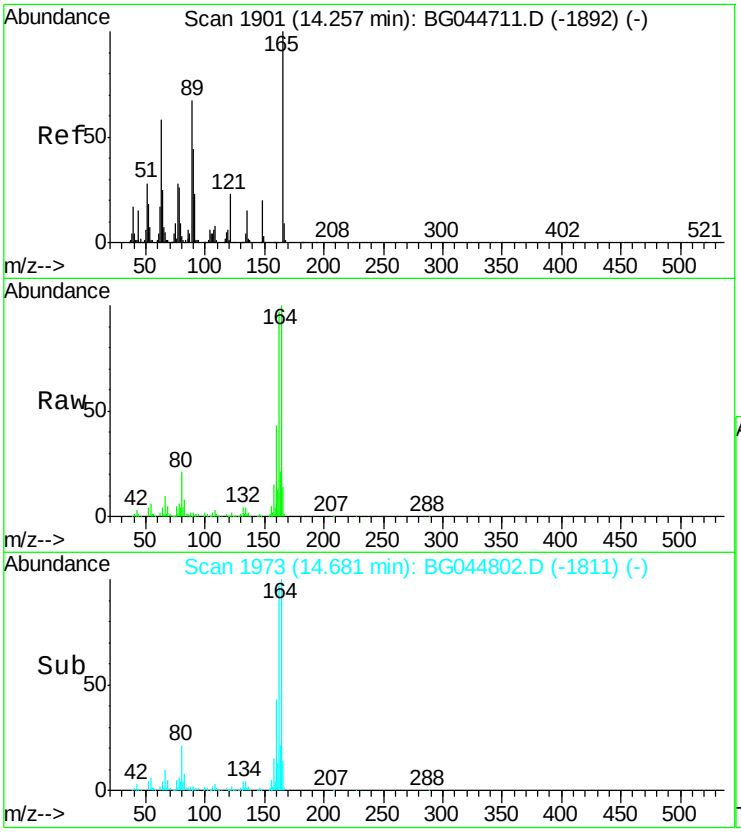


#45
2-Fluorobiphenyl
Concen: 74.21 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Tgt Ion:172 Resp: 1372887

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	25.1	20.0	30.0



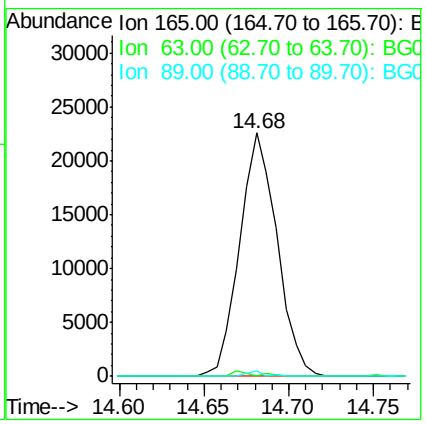


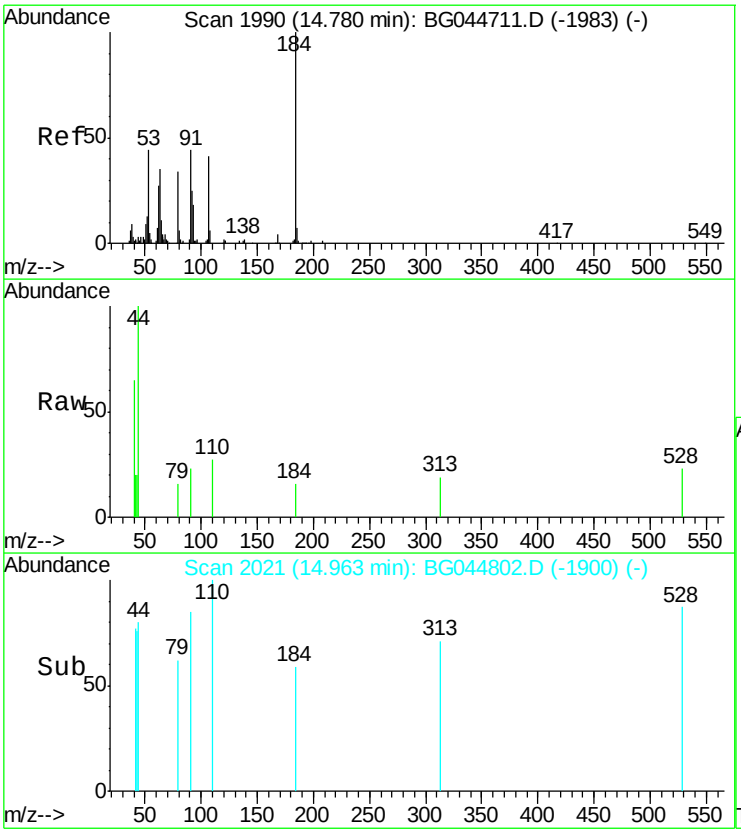
#51
2,6-Dinitrotoluene
Concen: 8.19 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.42 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB127536BL

Tgt Ion:165 Resp: 34832

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	2.2	53.8	80.8#

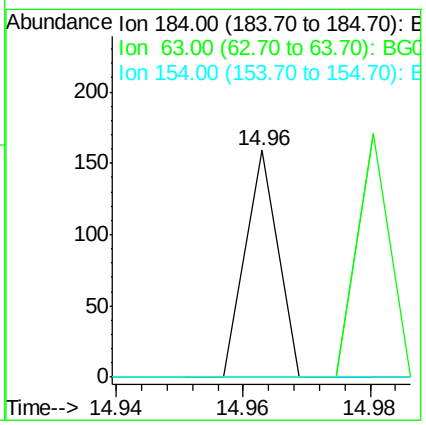


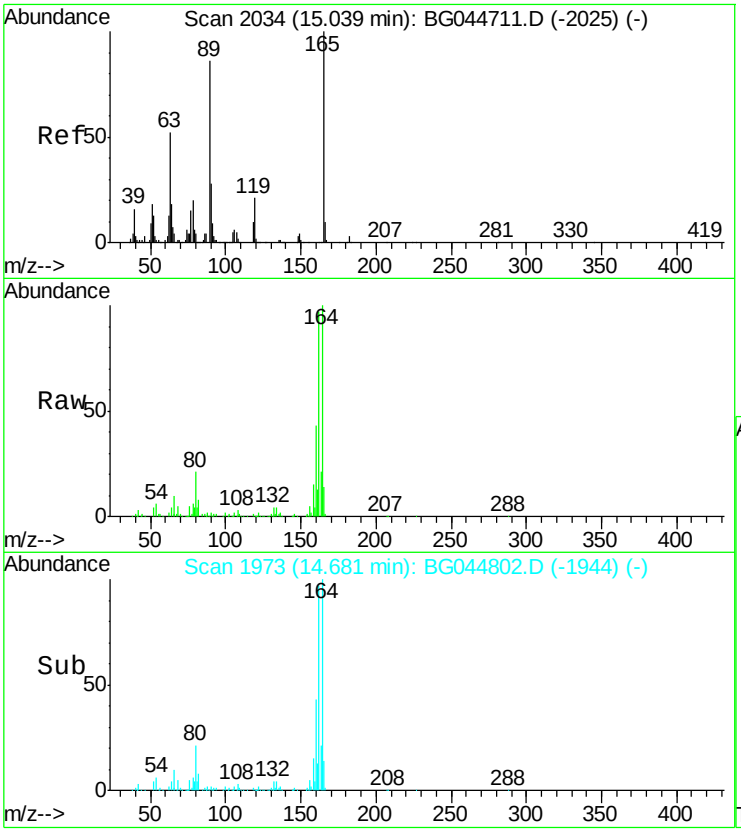


#54
2,4-Dinitrophenol
Concen: 8.35 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.18 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Tgt Ion:184 Resp: 56

Ion	Ratio	Lower	Upper
184	100		
63	0.0	49.0	73.6#
154	0.0	94.5	141.7#



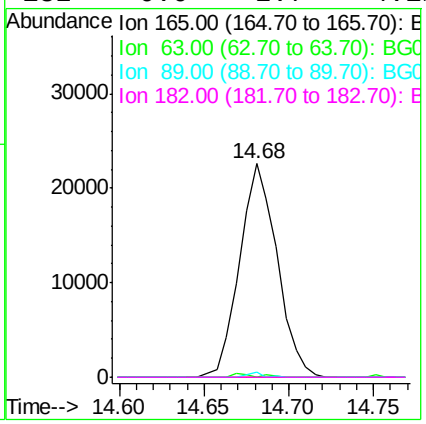


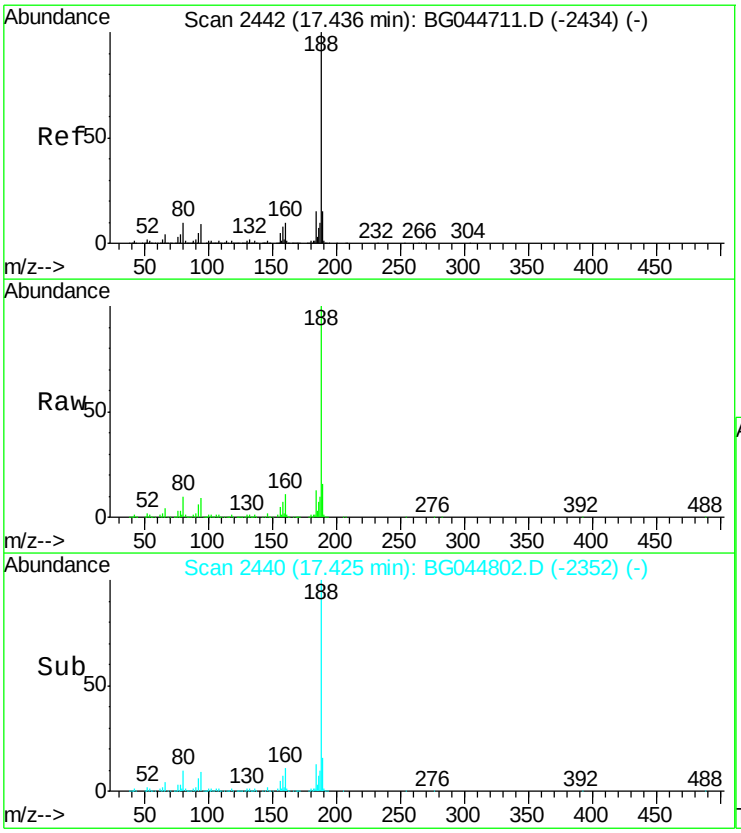
#57
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.36 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB127536BL

Tgt Ion:165 Resp: 34832

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.5	62.3#
89	2.2	69.0	103.4#
182	0.0	2.7	4.1#

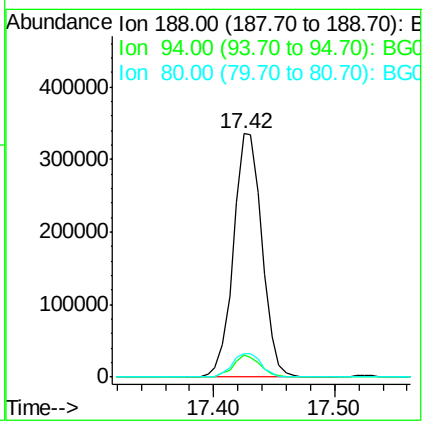


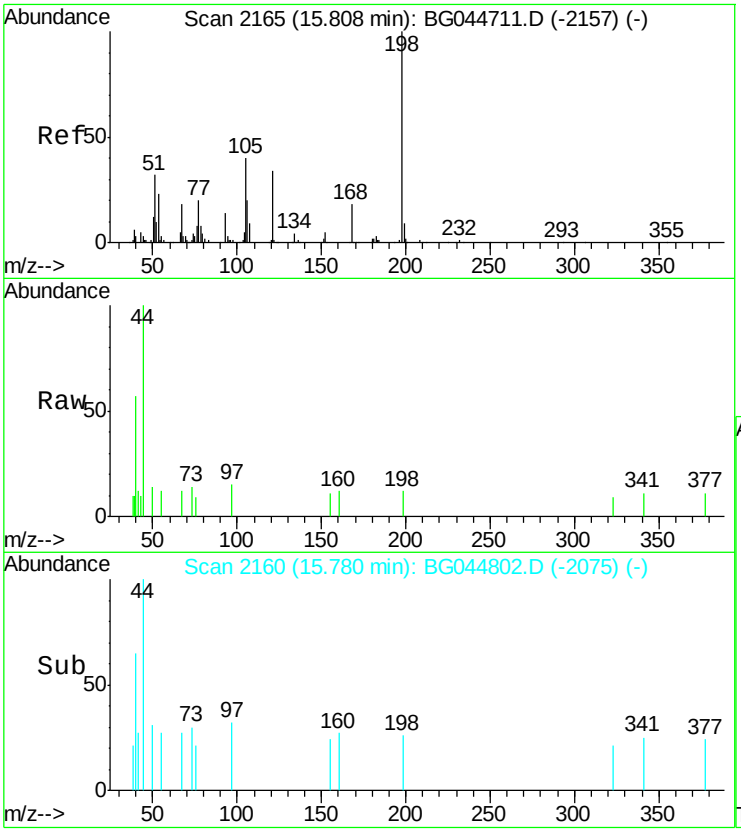


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Tgt Ion:188 Resp: 552649

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.6
80	9.8	8.4	12.6



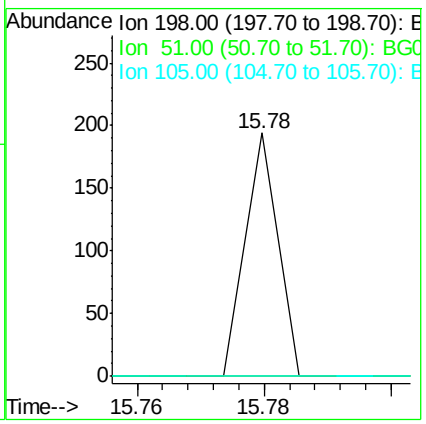


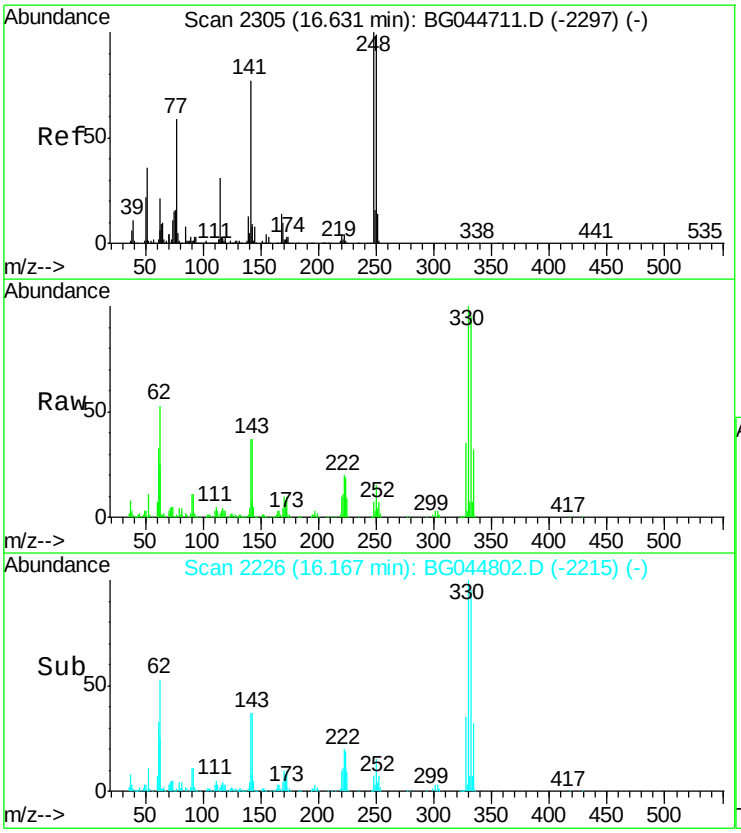
#65
4,6-Dinitro-2-methylphenol
Concen: 7.75 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.03 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB127536BL

Tgt Ion:198 Resp: 68

Ion	Ratio	Lower	Upper
198	100		
51	0.0	20.1	60.1#
105	0.0	21.3	61.3#

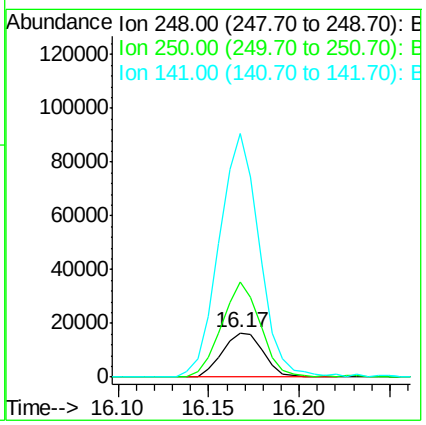


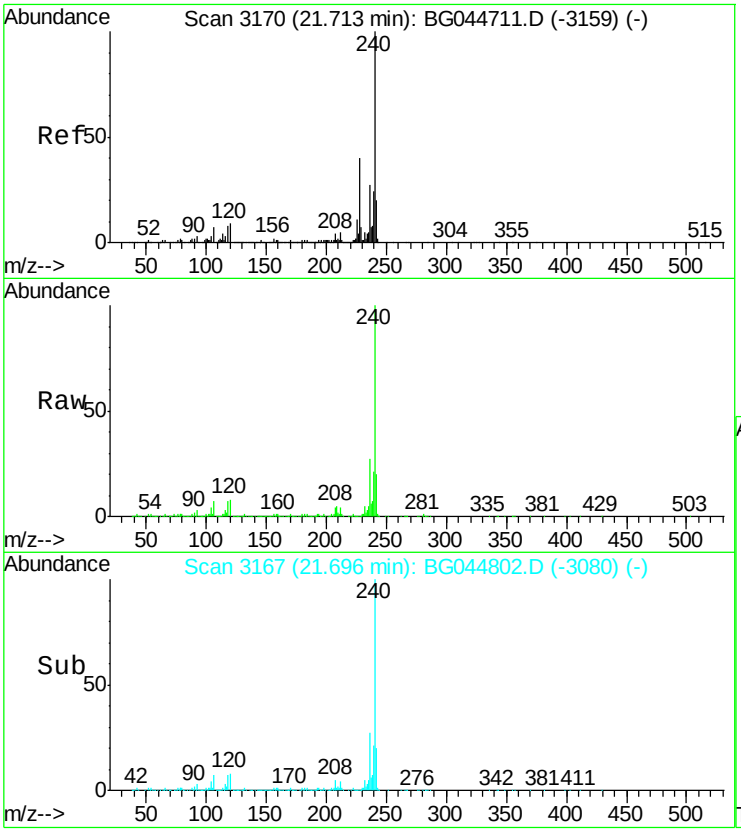


#67
4-Bromophenyl-phenylether
Concen: 3.75 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Tgt Ion:248 Resp: 25900

Ion	Ratio	Lower	Upper
248	100		
250	213.4	79.4	119.0#
141	547.0	61.7	92.5#



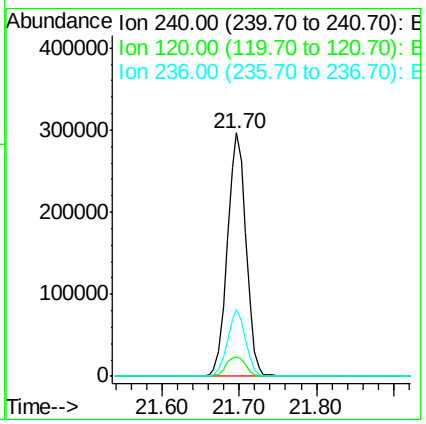


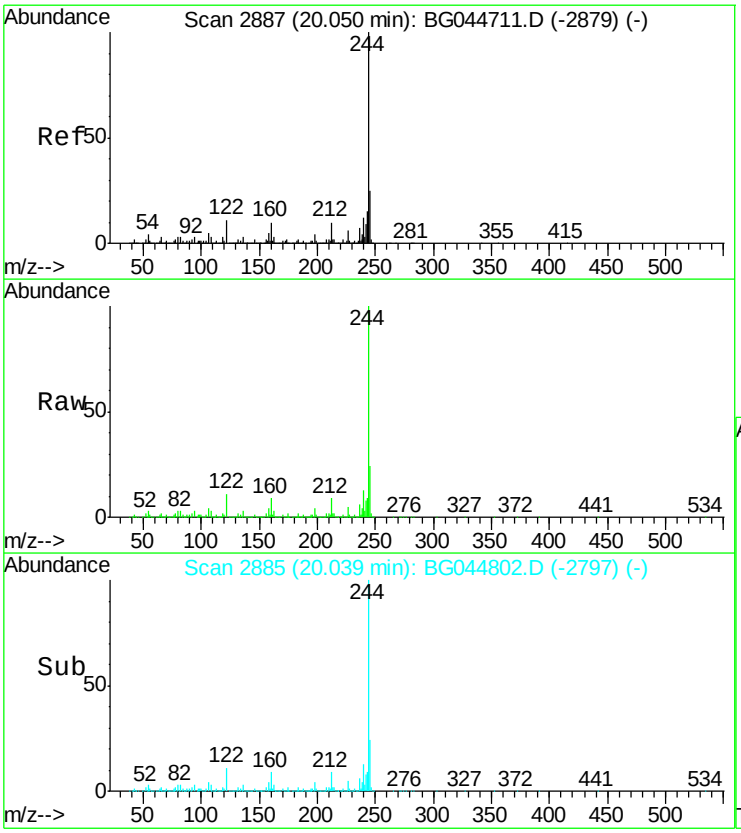
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB127536BL

Tgt Ion:240 Resp: 500031

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.9	10.3
236	27.3	21.9	32.9

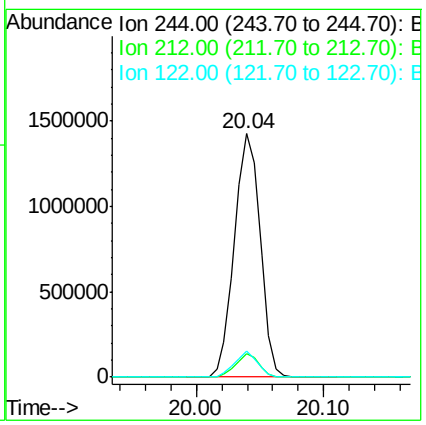


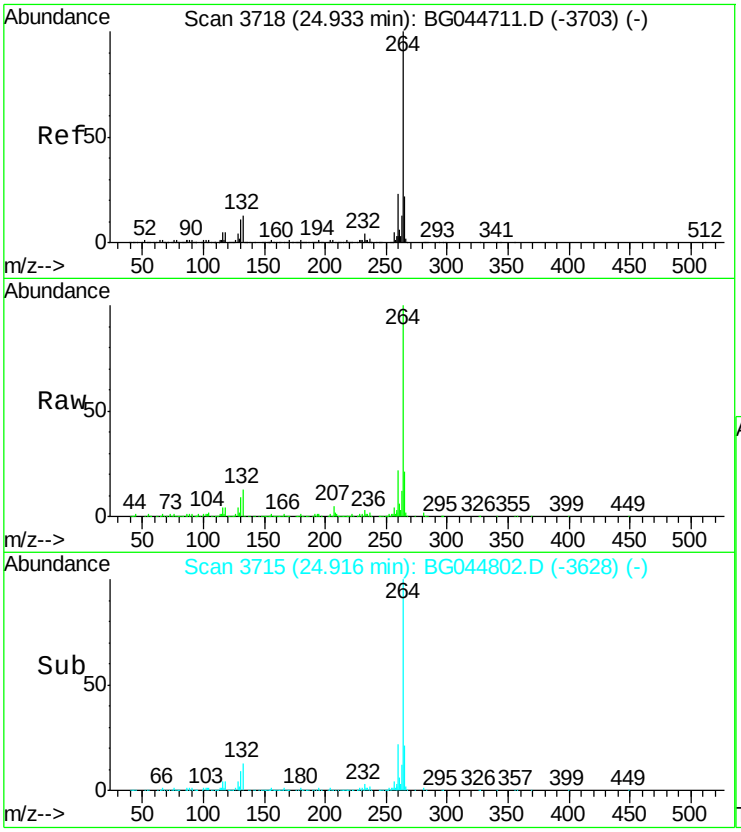


#79
Terphenyl-d14
Concen: 74.87 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Tgt Ion:244 Resp: 2001353

Ion	Ratio	Lower	Upper
244	100		
212	9.4	8.4	12.6
122	10.5	8.7	13.1





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.02 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB127536BL

Tgt Ion:264 Resp: 552932

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.4	27.6
265	21.4	17.4	26.2