Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072319\
Data File : BG041762.D
Acq On : 23 Jul 2019 19:06
Operator : HP/JU
Sample : K3934-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-3

Quant Time: Jul 24 01:14:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	112160	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	426834	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	286799	20.00	ng	-0.01
64) Phenanthrene-d10	17.40	188	601861	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	664504	20.00	ng	-0.02
87) Perylene-d12	24.84	264	767380	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	321209	46.82	ng	0.00
7) Phenol-d6	7.20	99	286165	31.01	ng	0.00
23) Nitrobenzene-d5	9.20	82	627254	89.37	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	408148	126.28	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1539019	83.10	ng	-0.01
79) Terphenyl-d14	20.00	244	2277520	80.09	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.19	77	860	Below Cal	#	46
19) n-Nitroso-di-n-propylamine	9.20	70	87788	13.015	ng	# 70
26) 2-Nitrophenol	9.95	139	198	4.704	ng	# 1
32) Benzoic acid	10.04	122	2407	6.468	ng	# 56
50) Dimethylphthalate	14.11	163	246310	10.935	ng	98
54) 2,4-Dinitrophenol	14.75	184	62	7.752	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.75	198	433	6.804	ng	# 1
67) 4-Bromophenyl-phenylether	16.15	248	30158	4.211	ng	# 1
77) Benzidine	19.71	184	3230	Below Cal	#	1

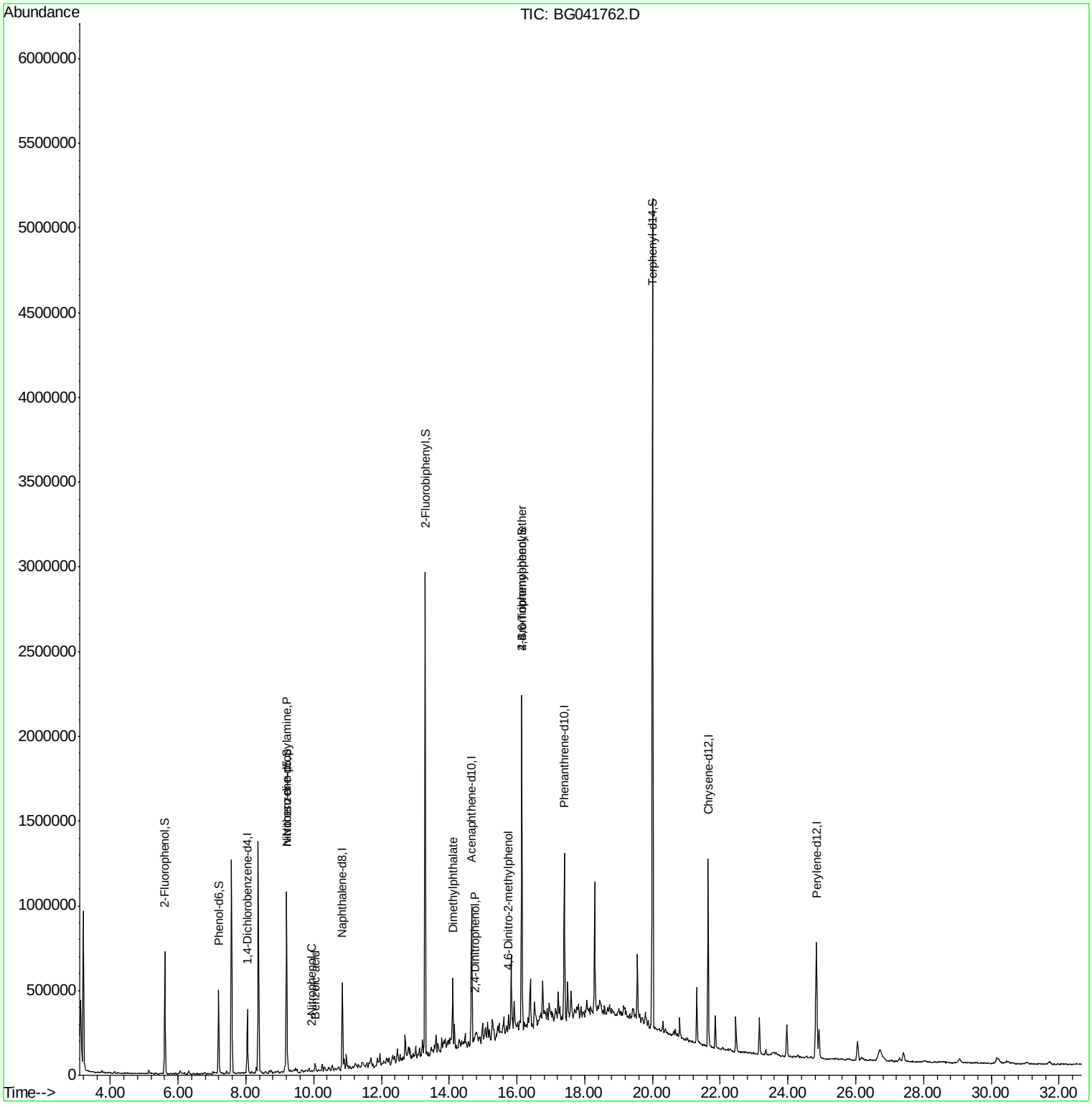
(#) = qualifier out of range (m) = manual integration (+) = signals summed

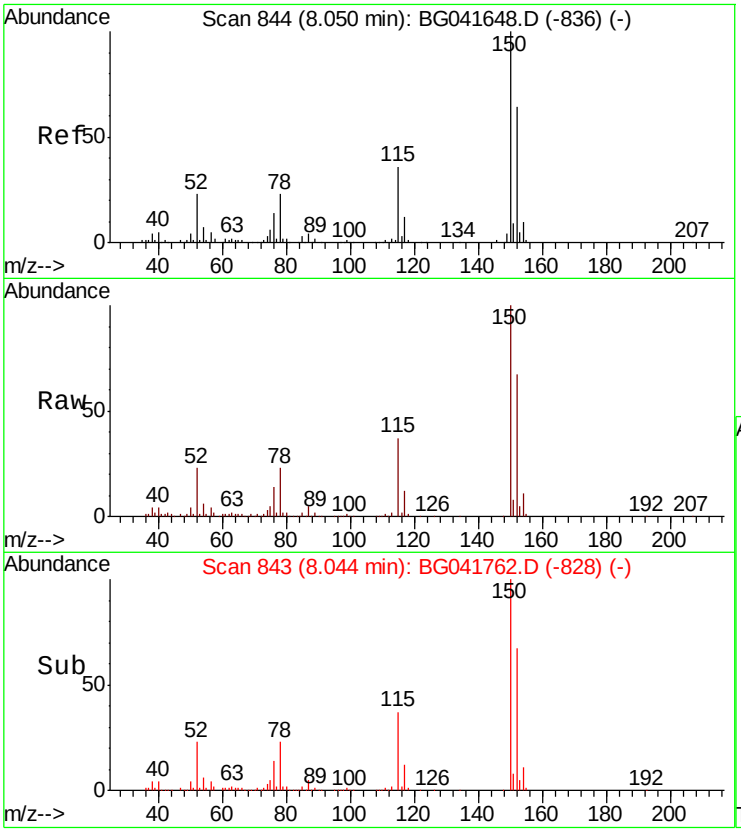
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072319\
Data File : BG041762.D
Acq On : 23 Jul 2019 19:06
Operator : HP/JU
Sample : K3934-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-3

Quant Time: Jul 24 01:14:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration



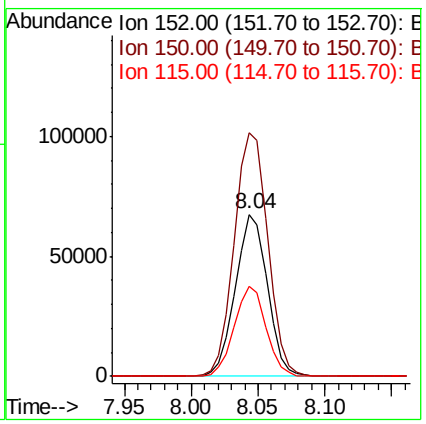


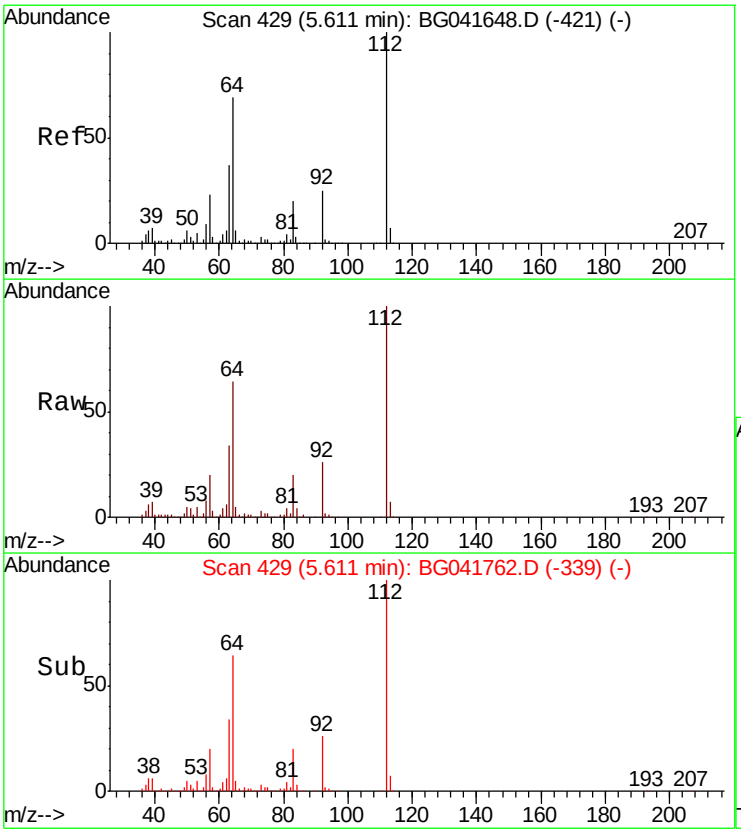
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 112160

Ion	Ratio	Lower	Upper
152	100		
150	150.1	126.9	190.3
115	55.2	45.0	67.6

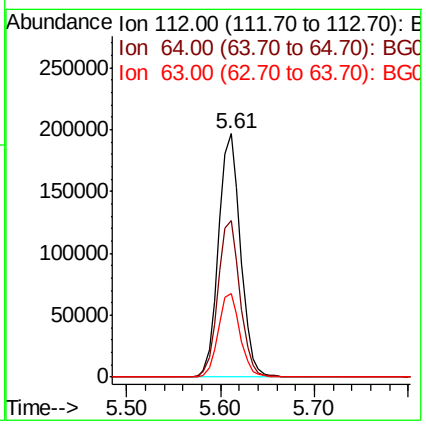


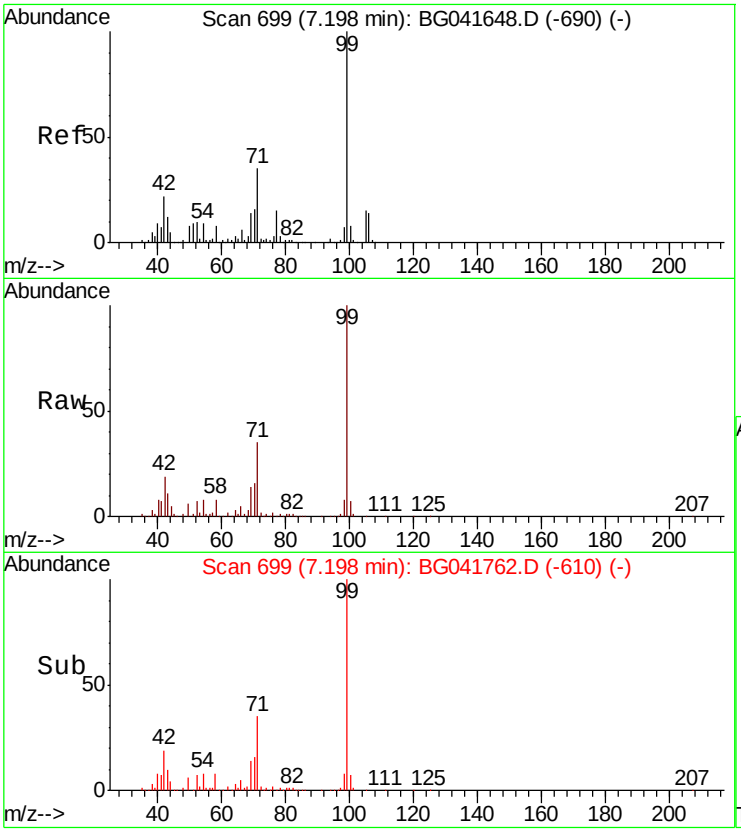


#5
2-Fluorophenol
Concen: 46.817 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Tgt Ion:112 Resp: 321209

Ion	Ratio	Lower	Upper
112	100		
64	64.3	55.4	83.2
63	34.2	29.1	43.7



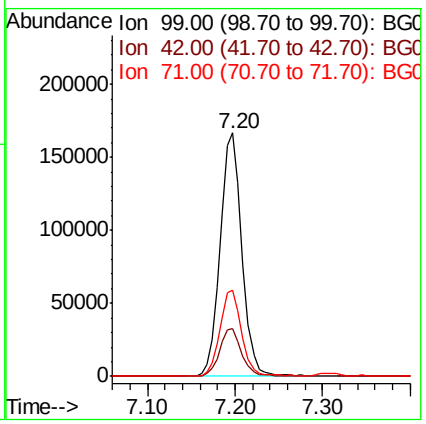


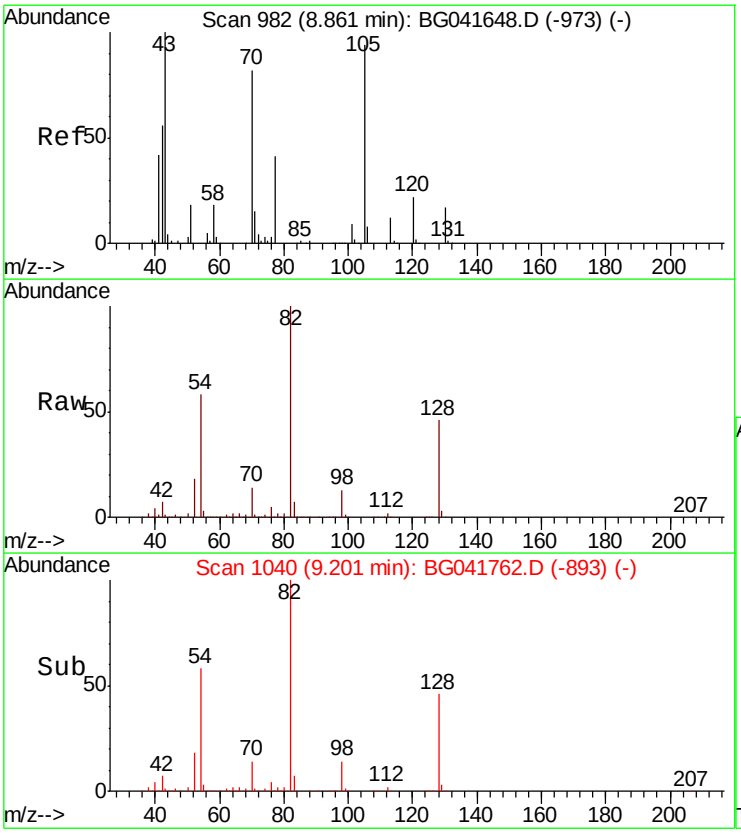
#7
Phenol-d6
Concen: 31.009 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.00 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 286165

Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.6	26.4
71	35.3	27.8	41.6

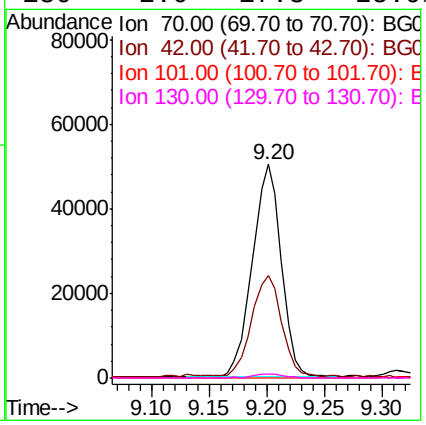


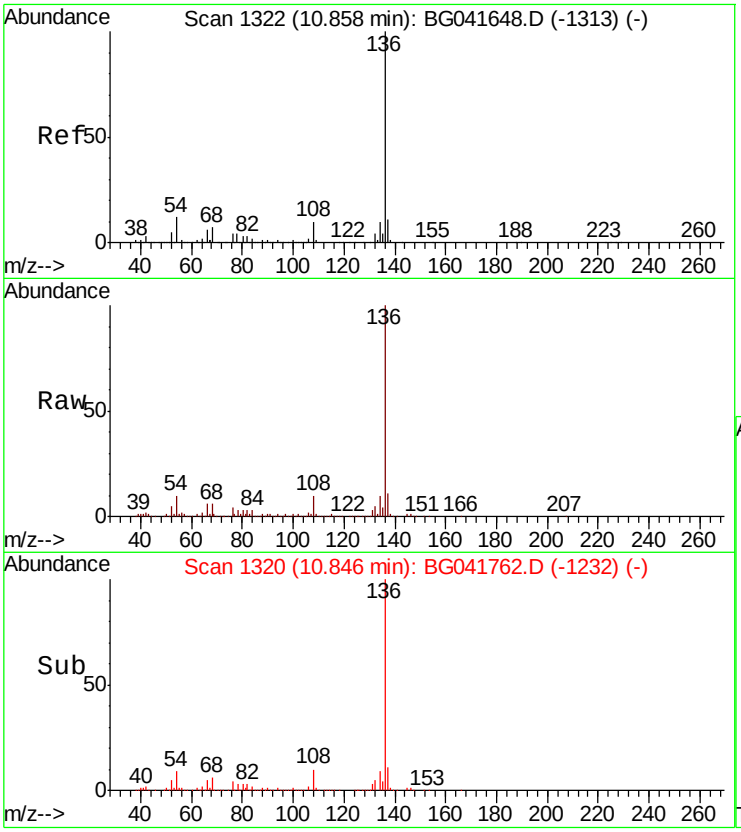


#19
n-Nitroso-di-n-propylamine
Concen: 13.015 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.34 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Tgt Ion: 70 Resp: 87788

Ion	Ratio	Lower	Upper
70	100		
42	47.7	55.8	83.6#
101	0.0	8.1	12.1#
130	2.0	17.3	25.9#



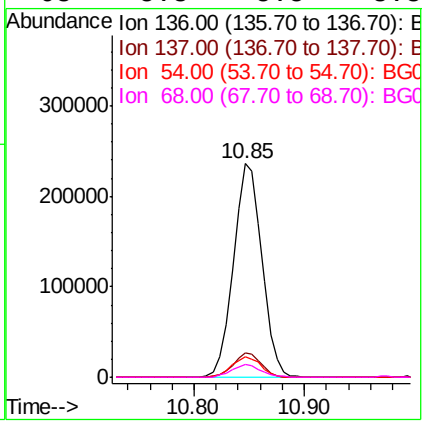


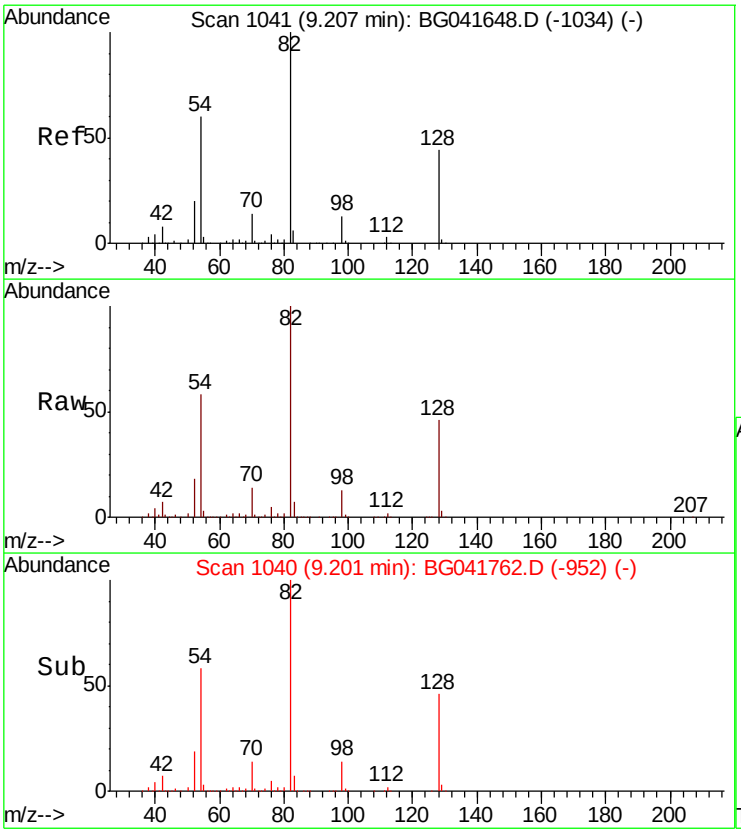
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:136 Resp: 426834

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	9.6	8.7	13.1
68	5.8	5.5	8.3

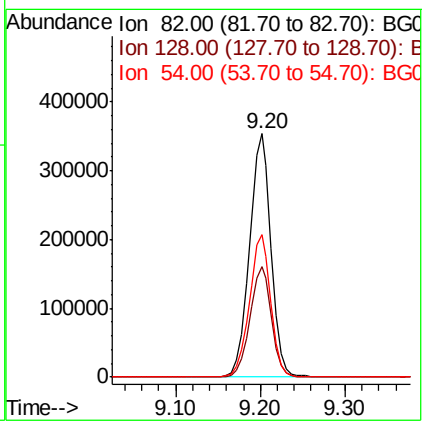


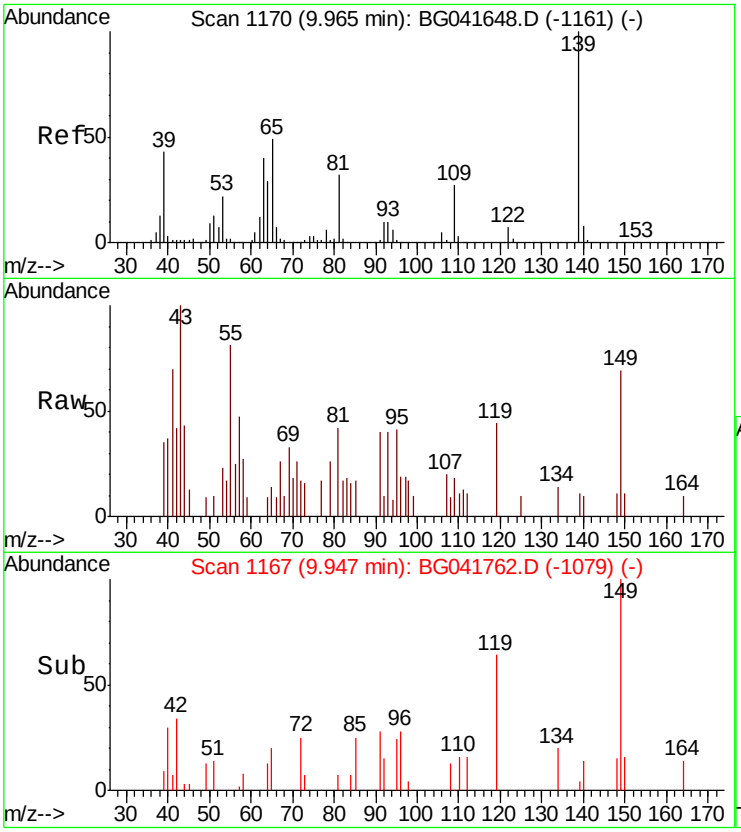


#23
Nitrobenzene-d5
Concen: 89.371 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Tgt Ion: 82 Resp: 627254

Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.1	52.7
54	58.4	48.7	73.1



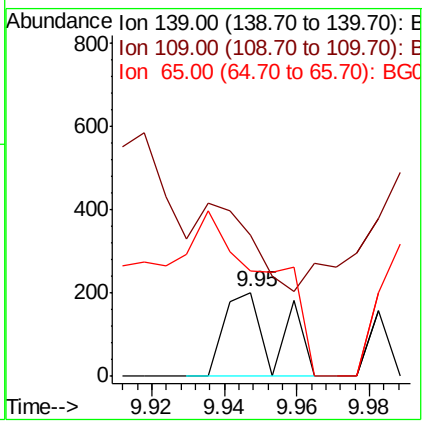


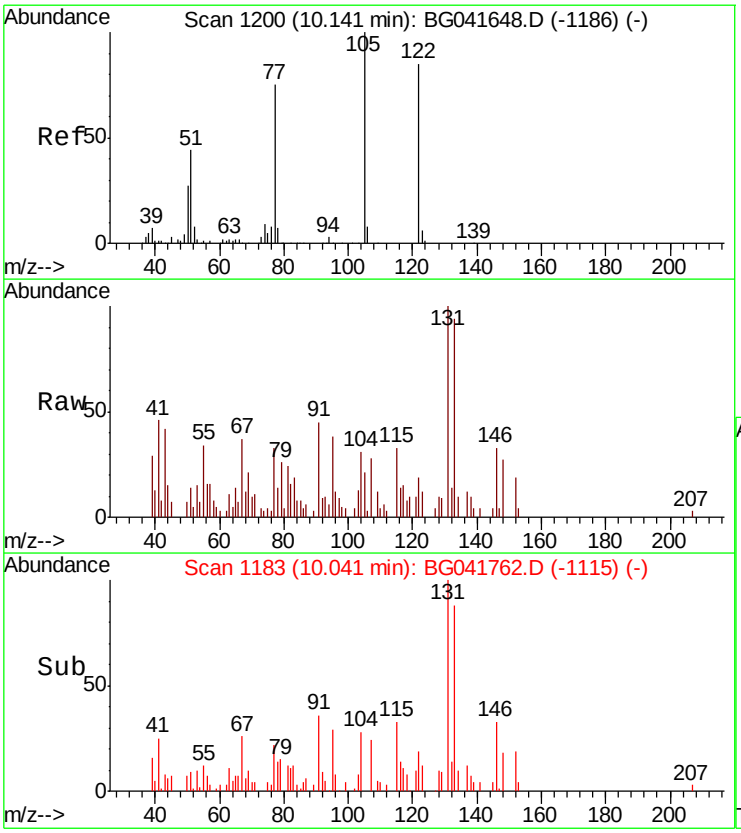
#26
2-Nitrophenol
Concen: 4.704 ng
RT: 9.95 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:139 Resp: 198

Ion	Ratio	Lower	Upper
139	100		
109	168.7	22.7	34.1#
65	125.9	41.1	61.7#

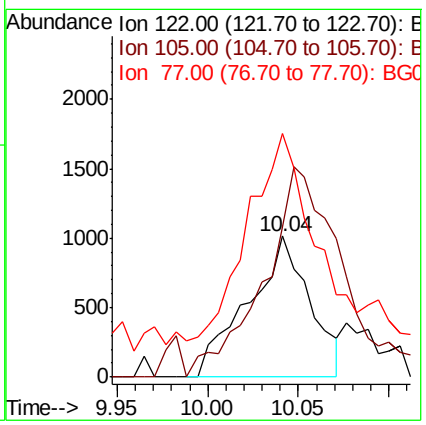


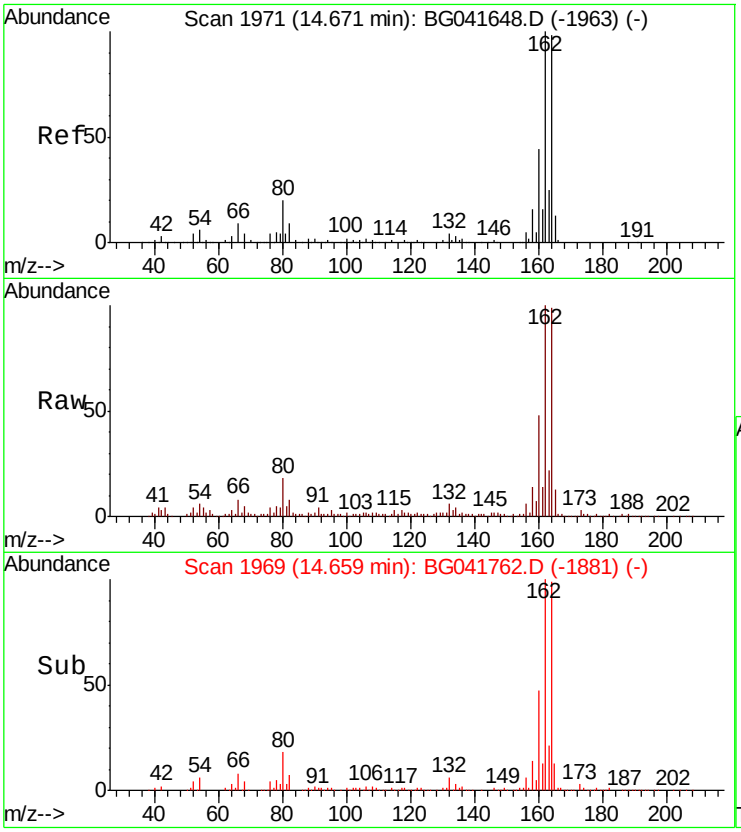


#32
Benzoic acid
Concen: 6.468 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.13 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Tgt Ion:122 Resp: 2407

Ion	Ratio	Lower	Upper
122	100		
105	106.7	101.5	141.5
77	173.2	73.0	113.0#



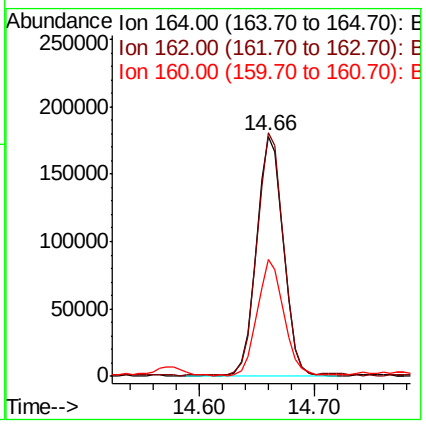


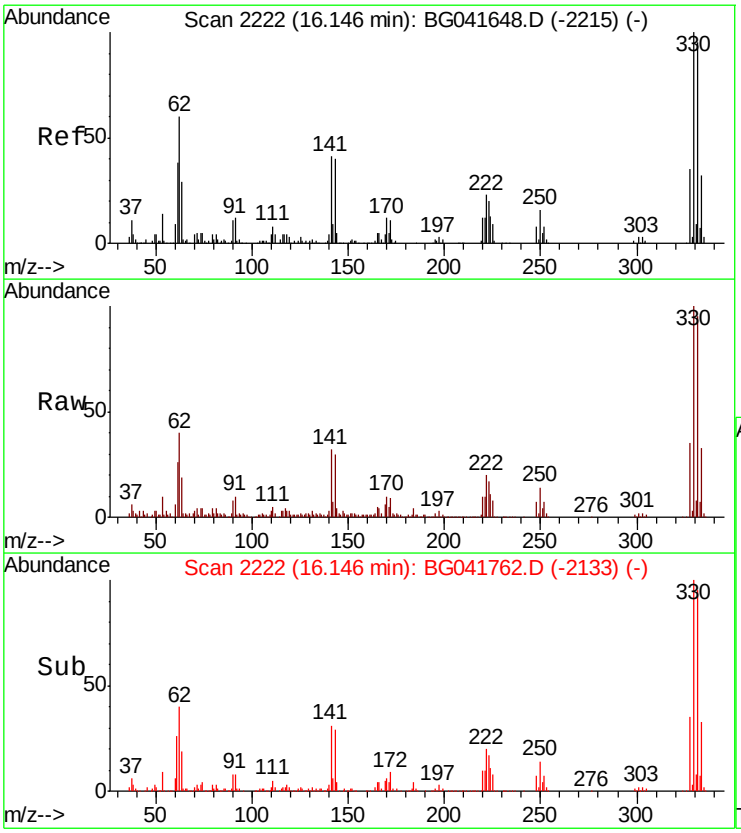
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:164 Resp: 286799

Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.6	119.4
160	48.9	35.4	53.0

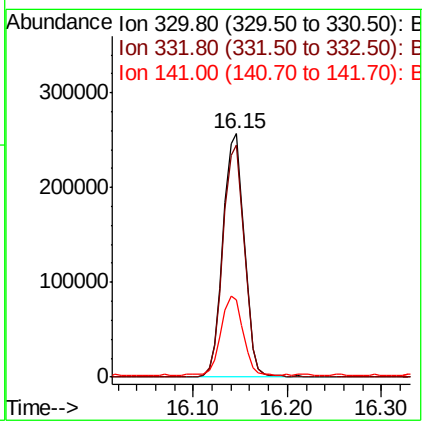


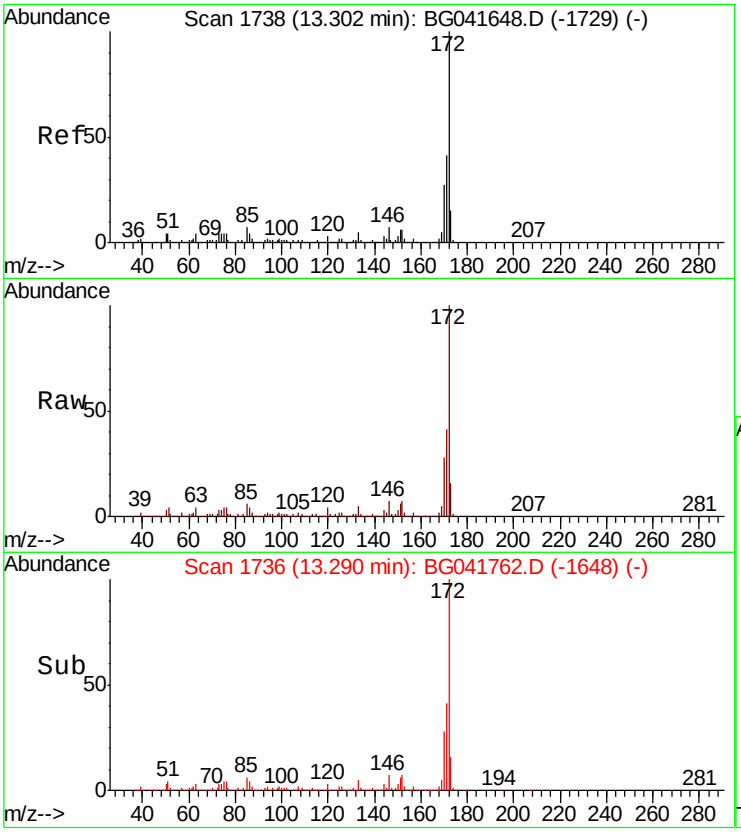


#42
2,4,6-Tribromophenol
Concen: 126.276 ng
RT: 16.15 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Tgt Ion:330 Resp: 408148

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	33.3	31.9	47.9



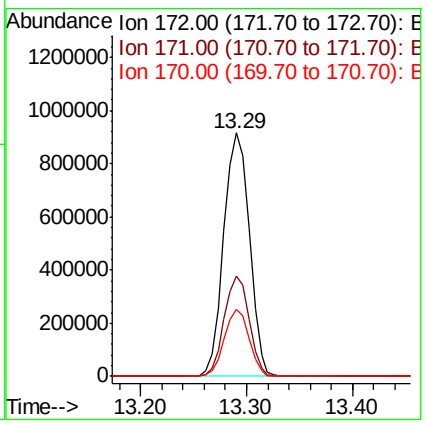


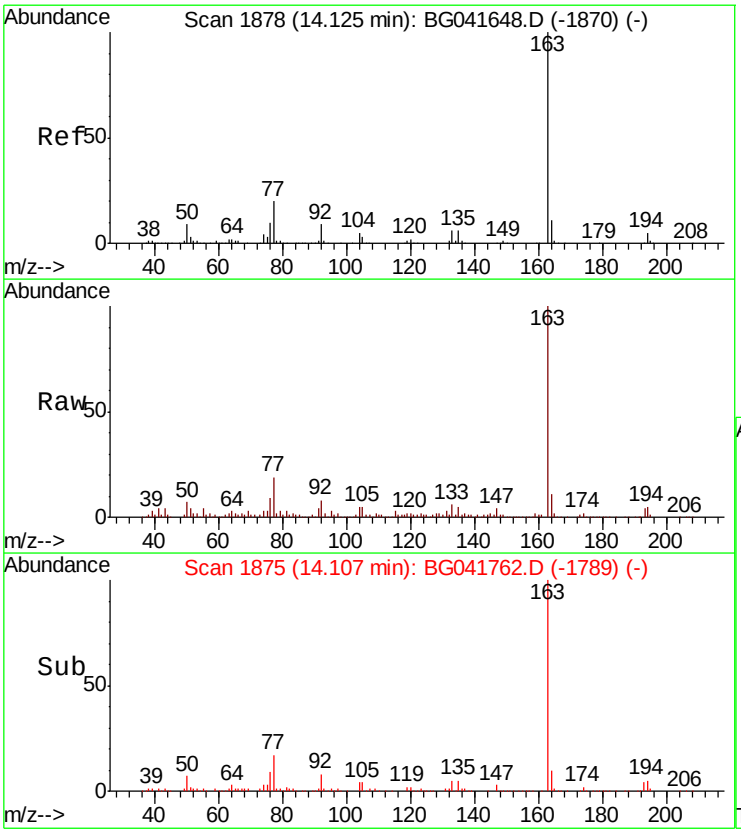
#45
2-Fluorobiphenyl
Concen: 83.095 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:172 Resp: 1539019

Ion	Ratio	Lower	Upper
172	100		
171	41.4	35.0	52.4
170	27.6	23.5	35.3

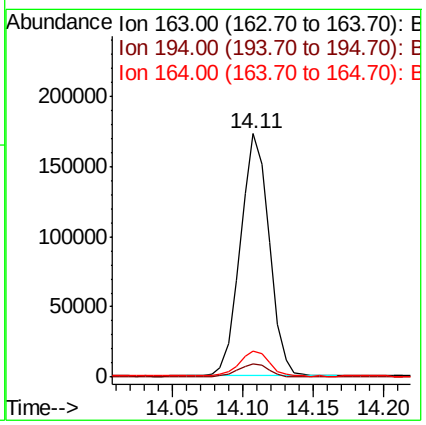


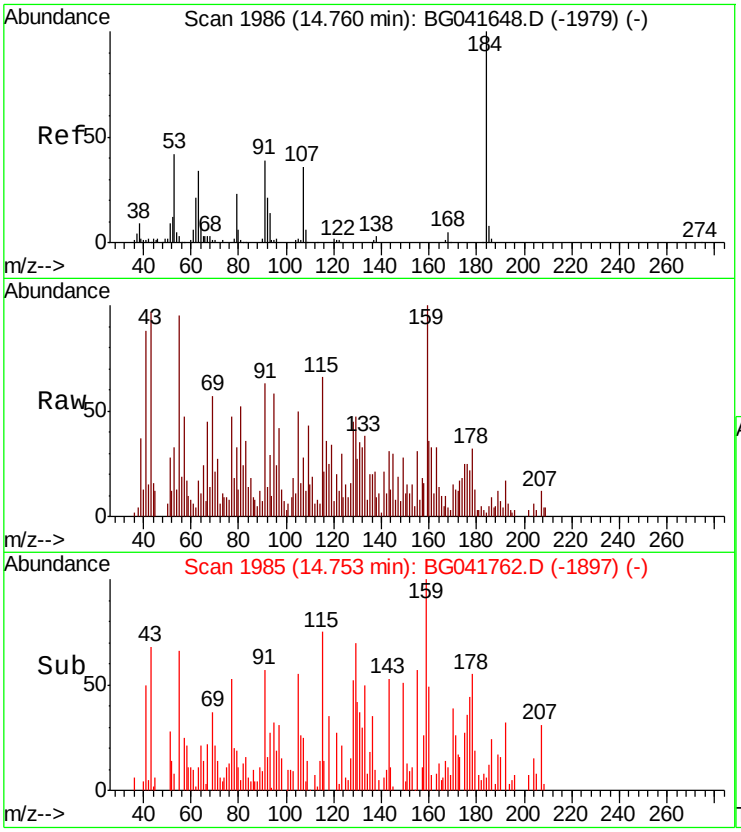


#50
Dimethylphthalate
Concen: 10.935 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.02 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Tgt Ion:163 Resp: 246310

Ion	Ratio	Lower	Upper
163	100		
194	5.3	4.2	6.2
164	10.8	9.4	14.2



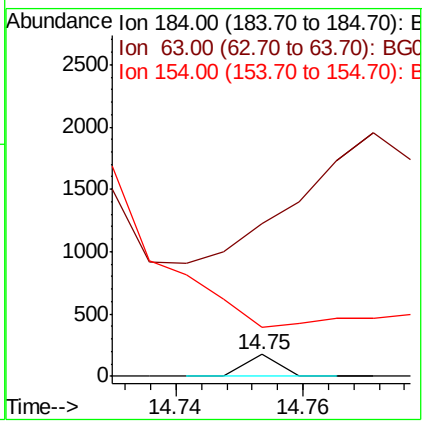


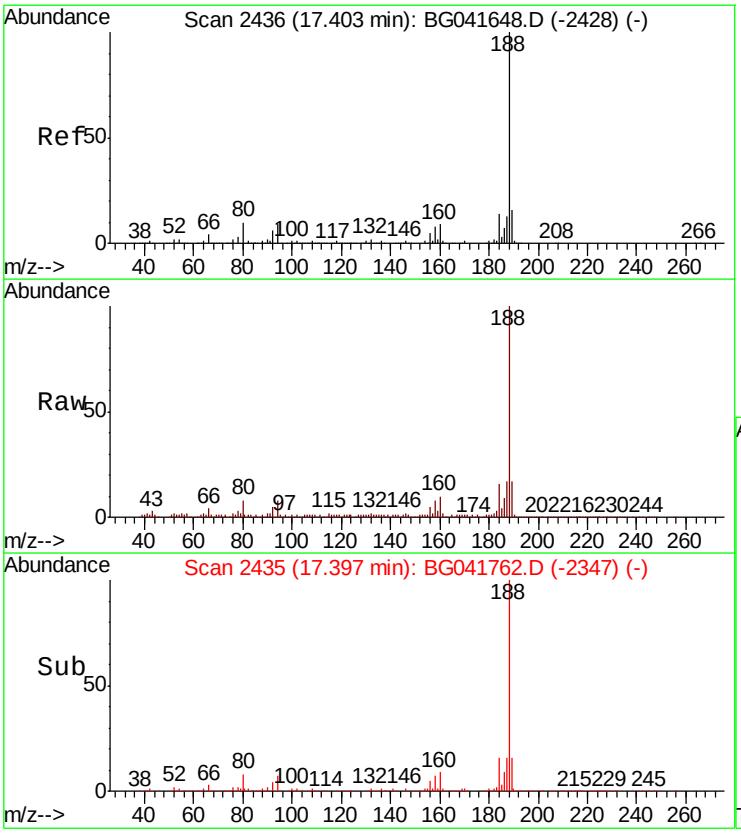
#54
2,4-Dinitrophenol
Concen: 7.752 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:184 Resp: 62

Ion	Ratio	Lower	Upper
184	100		
63	689.8	43.2	64.8#
154	219.8	51.4	77.2#

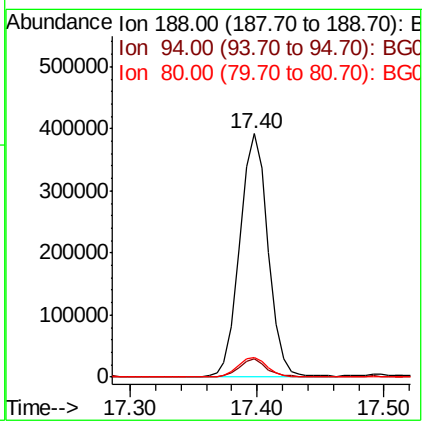


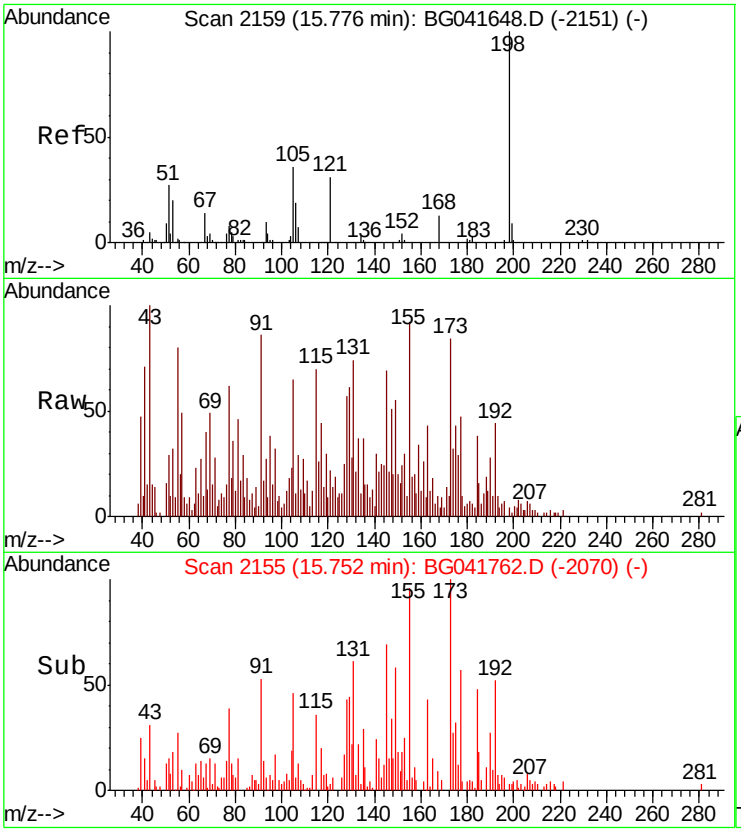


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Tgt Ion:188 Resp: 601861

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	8.2	8.0	12.0



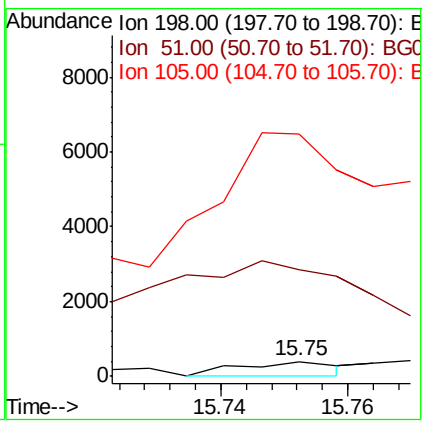


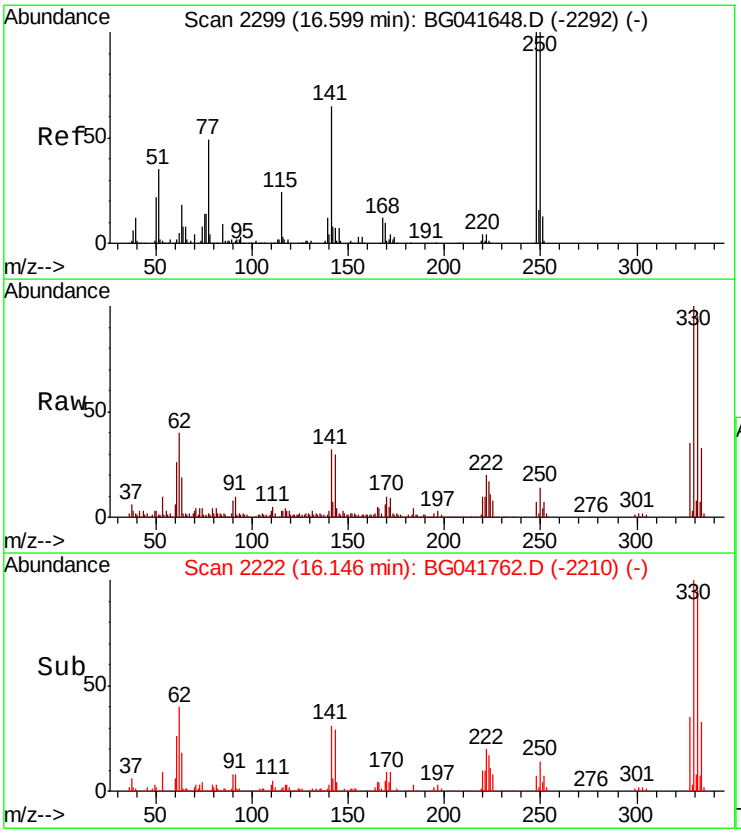
#65
4,6-Dinitro-2-methylphenol
Concen: 6.804 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.03 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:198 Resp: 433

Ion	Ratio	Lower	Upper
198	100		
51	713.3	22.3	62.3#
105	1625.6	18.0	58.0#

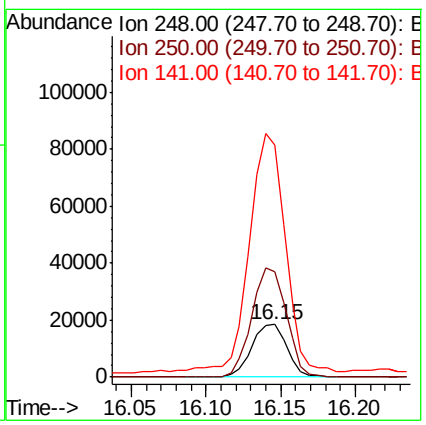


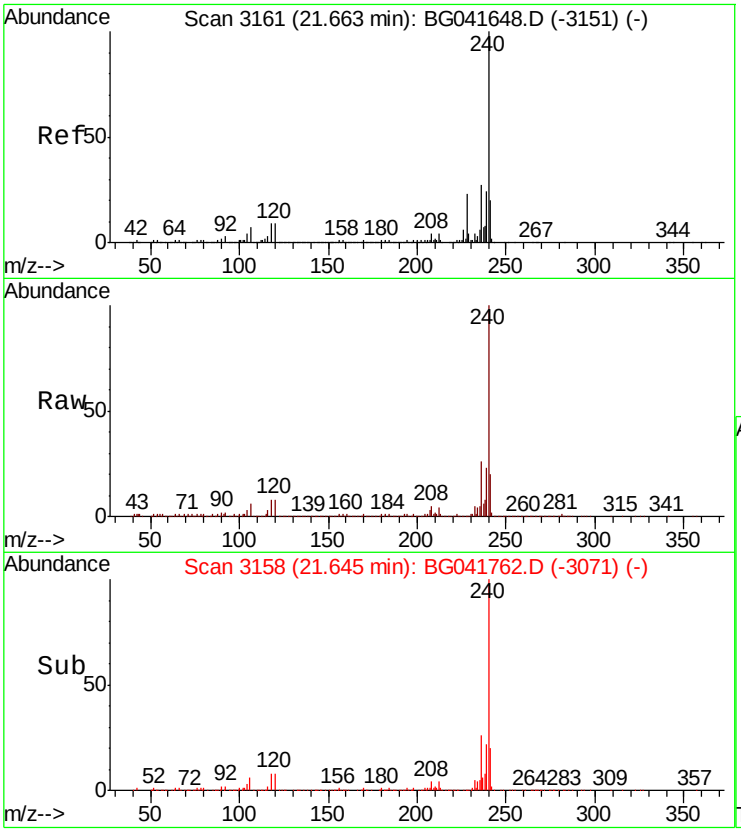


#67
4-Bromophenyl-phenylether
Concen: 4.211 ng
RT: 16.15 min Scan# 2222
Delta R.T. -0.46 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Tgt Ion:248 Resp: 30158

Ion	Ratio	Lower	Upper
248	100		
250	200.6	78.1	117.1#
141	443.3	49.6	74.4#



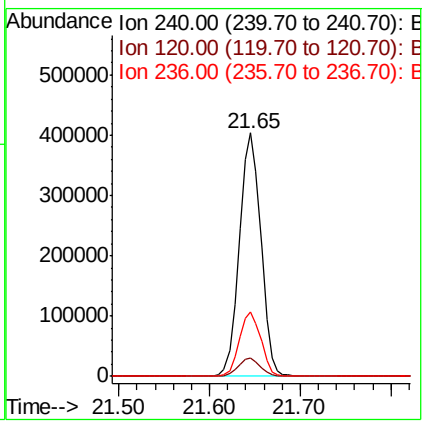


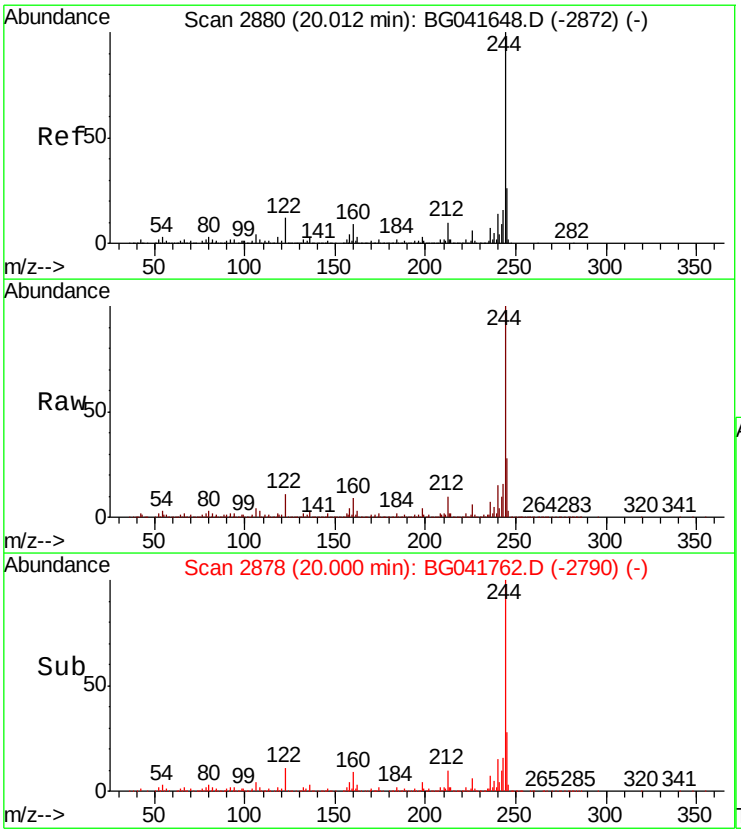
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3158
Delta R.T. -0.02 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:240 Resp: 664504

Ion	Ratio	Lower	Upper
240	100		
120	7.8	8.0	12.0#
236	26.3	22.6	33.8

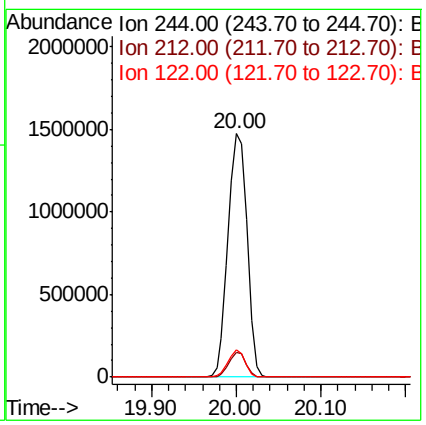


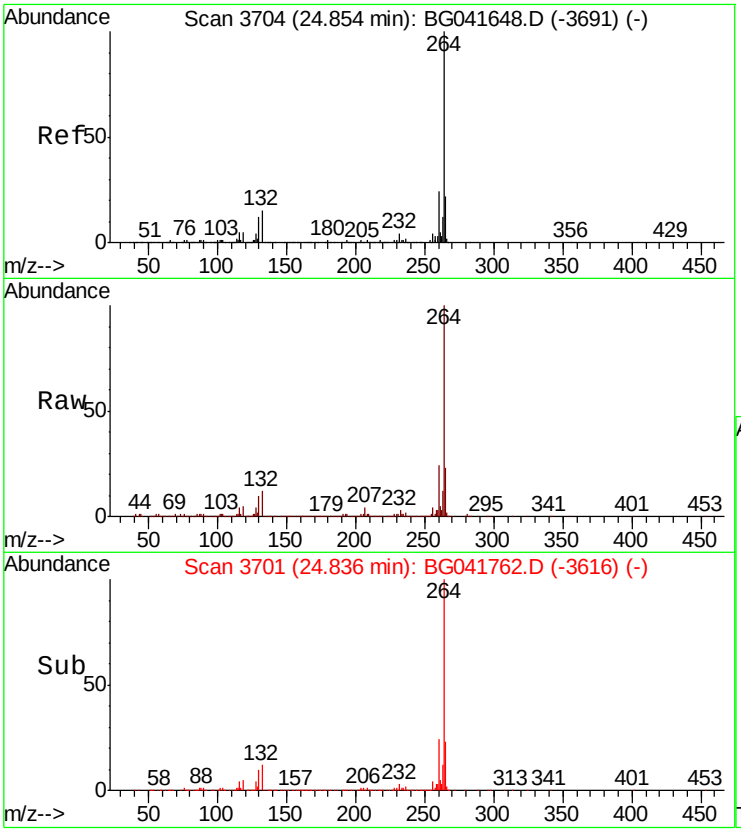


#79
Terphenyl-d14
Concen: 80.094 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Tgt Ion:244 Resp: 2277520

Ion	Ratio	Lower	Upper
244	100		
212	10.4	9.7	14.5
122	11.4	12.5	18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3701
Delta R.T. -0.03 min
Lab File: BG041762.D
Acq: 23 Jul 2019 19:06

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:264 Resp: 767380

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.8	18.0	27.0