Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061419\
Data File : BG041265.D
Acq On : 14 Jun 2019 22:35
Operator : HP/JU
Sample : K3340-01RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-730(1)RE

Quant Time: Jun 15 03:35:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 14 15:26:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	38923	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	156637	20.00	ng	-0.01
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.74
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.48
76) Chrysene-d12	0.00	240	0	0.00	ng	-21.76
87) Perylene-d12	0.00	264	0	0.00	ng	-25.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	290501	137.52	ng	-0.01
7) Phenol-d6	7.24	99	471781	146.10	ng	0.00
23) Nitrobenzene-d5	9.27	82	363090	100.60	ng	-0.01
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
79) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	59	0.067	ng	# 1
3) Pyridine	3.74	79	76	0.030	ng	# 1
4) n-Nitrosodimethylamine	3.84	42	118	0.088	ng	# 1
6) Aniline	7.63	93	669	0.159	ng	# 1
8) 2-Chlorophenol	7.64	128	63	0.024	ng	# 1
9) Benzaldehyde	7.24	77	1126	0.548	ng	# 1
10) Phenol	7.27	94	1039	0.300	ng	# 1
11) bis(2-Chloroethyl)ether	7.63	93	669	0.263	ng	# 1
15) Benzyl Alcohol	8.41	79	6475	2.178	ng	# 60
16) 2,2'-oxybis(1-Chloropropan	8.62	45	67	0.016	ng	69
19) n-Nitroso-di-n-propylamine	9.27	70	53396	21.603	ng	# 80
20) 3+4-Methylphenols	8.87	107	72	0.021	ng	# 20
22) Acetophenone	8.93	105	260	0.060	ng	# 47
24) Nitrobenzene	9.27	77	1505	0.416	ng	# 49
25) Isophorone	9.83	82	1100	0.173	ng	# 67
28) bis(2-Chloroethoxy)methane	10.18	93	53	0.015	ng	# 49
31) Naphthalene	10.97	128	687	0.083	ng	# 68
32) Benzoic acid	10.62	122	67	9.246	ng	# 1
33) 4-Chloroaniline	11.14	127	64	0.018	ng	# 41
36) 4-Chloro-3-methylphenol	12.26	107	66	0.021	ng	# 23

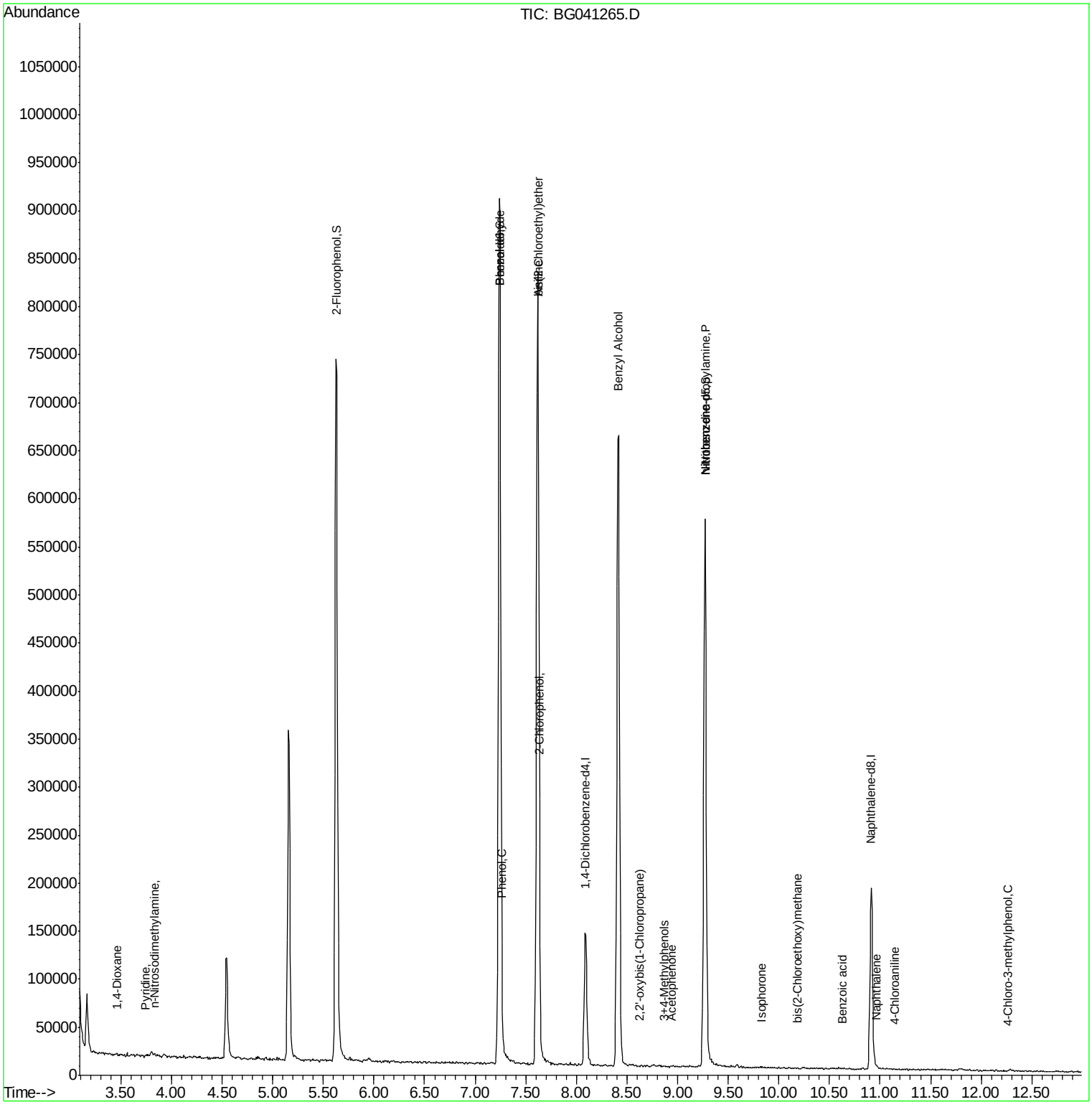
(#) = qualifier out of range (m) = manual integration (+) = signals summed

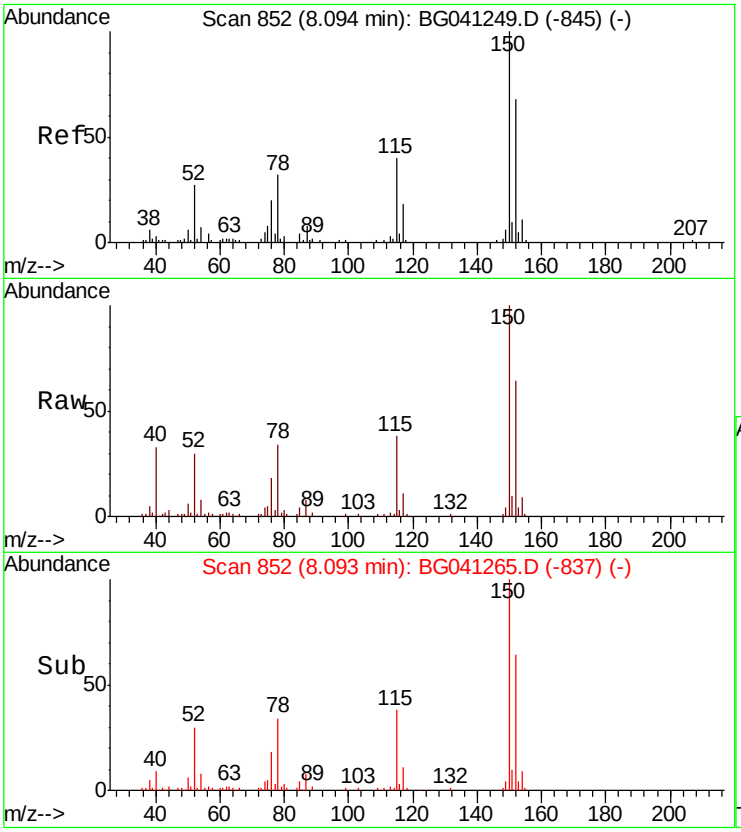
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061419\
Data File : BG041265.D
Acq On : 14 Jun 2019 22:35
Operator : HP/JU
Sample : K3340-01RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-730(1)RE

Quant Time: Jun 15 03:35:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 14 15:26:06 2019
Response via : Initial Calibration



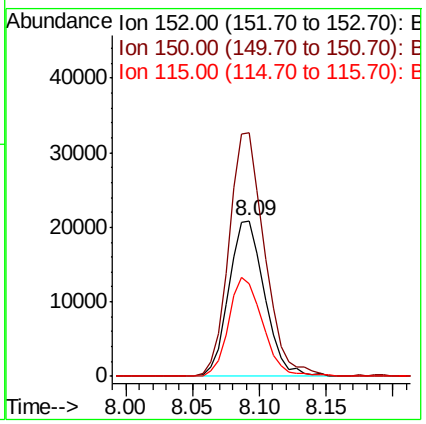


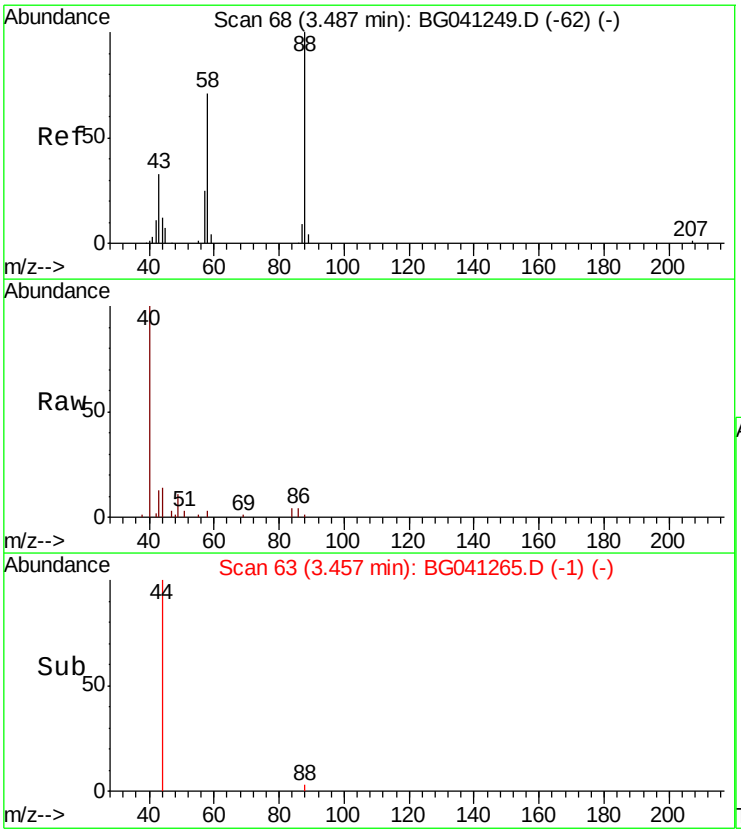
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 852
Delta R.T. -0.01 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Instrument :
BNA_G
ClientSampleId :
B-730(1)RE

Tgt Ion:152 Resp: 38923

Ion	Ratio	Lower	Upper
152	100		
150	156.4	120.6	180.8
115	59.5	45.1	67.7

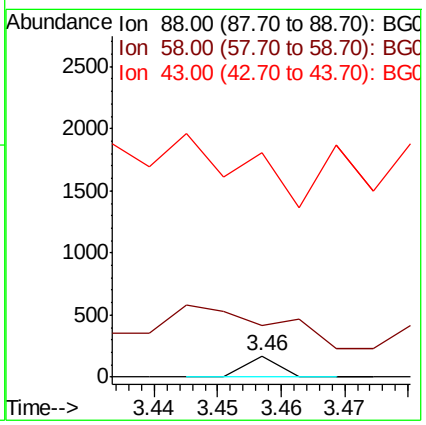


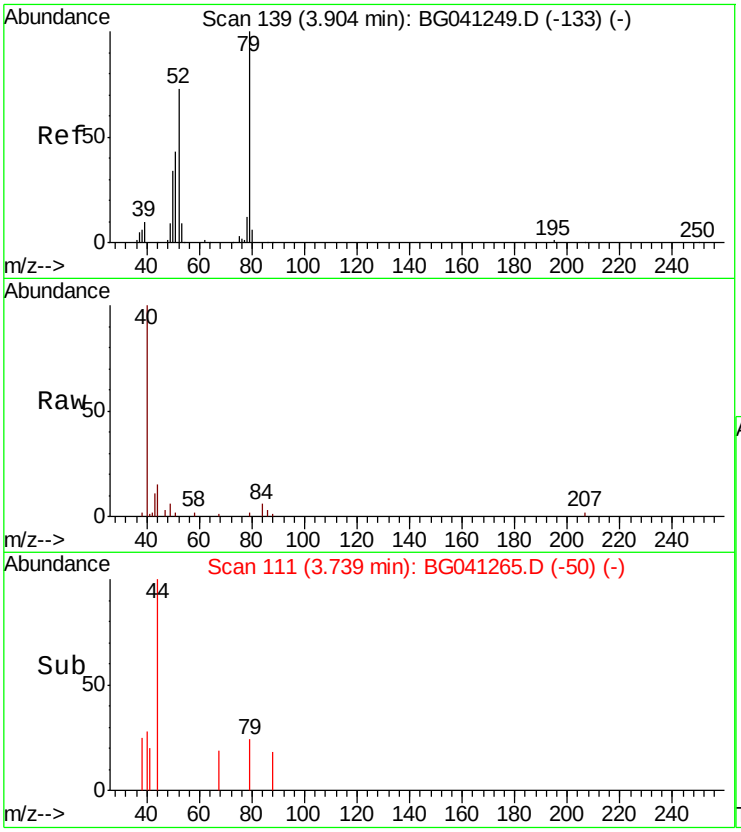


#2
1,4-Dioxane
Concen: 0.067 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.04 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Tgt Ion: 88 Resp: 59

Ion	Ratio	Lower	Upper
88	100		
58	700.0	59.0	88.6#
43	0.0	27.2	40.8#



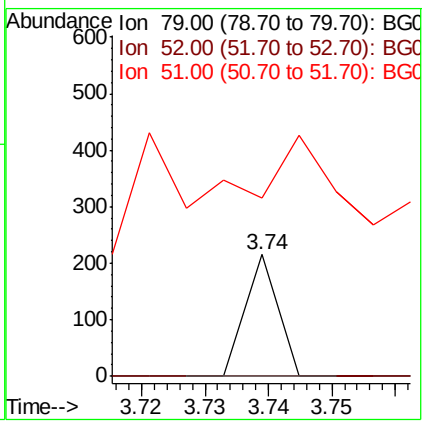


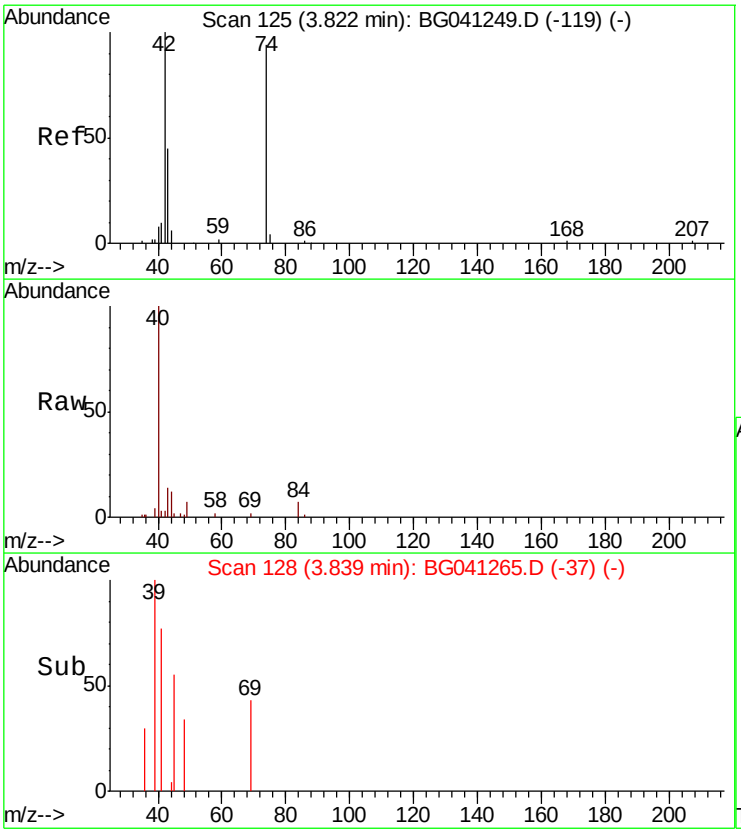
#3
Pyridine
Concen: 0.030 ng
RT: 3.74 min Scan# 111
Delta R.T. -0.17 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Instrument :
BNA_G
ClientSampleId :
B-730(1)RE

Tgt Ion: 79 Resp: 76

Ion	Ratio	Lower	Upper
79	100		
52	0.0	64.8	97.2#
51	147.0	35.3	52.9#

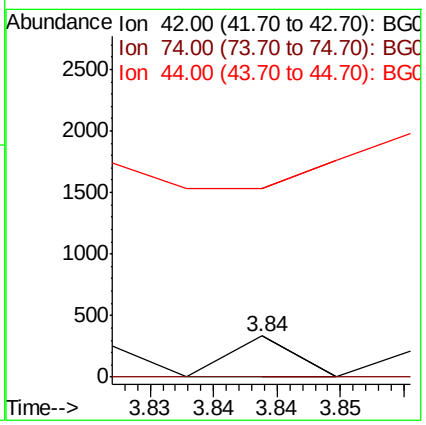


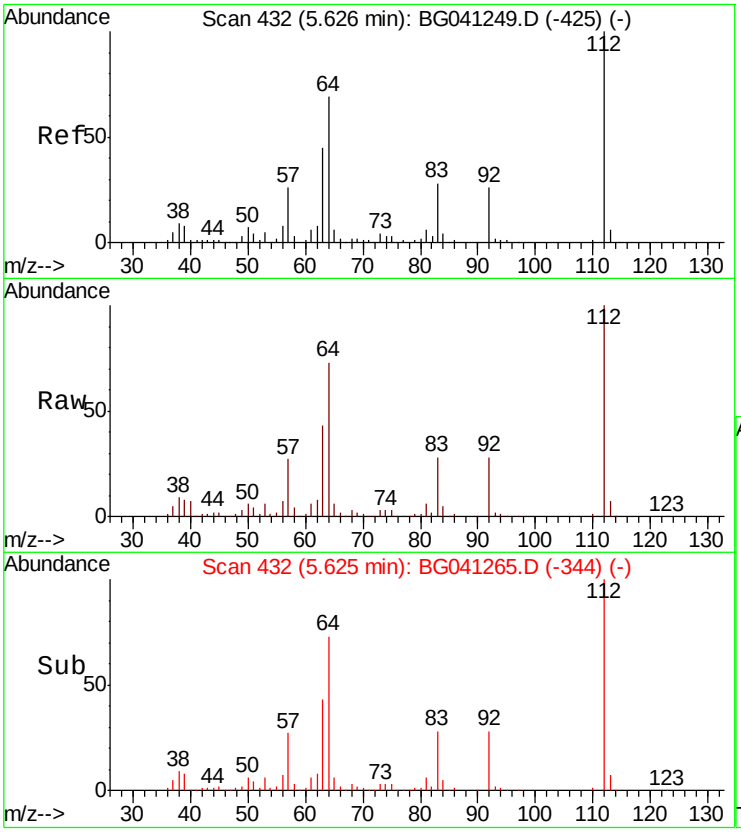


#4
n-Nitrosodimethylamine
Concen: 0.088 ng
RT: 3.84 min Scan# 128
Delta R.T. 0.01 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Tgt Ion: 42 Resp: 118

Ion	Ratio	Lower	Upper
42	100		
74	0.0	91.8	137.6#
44	459.3	6.0	9.0#



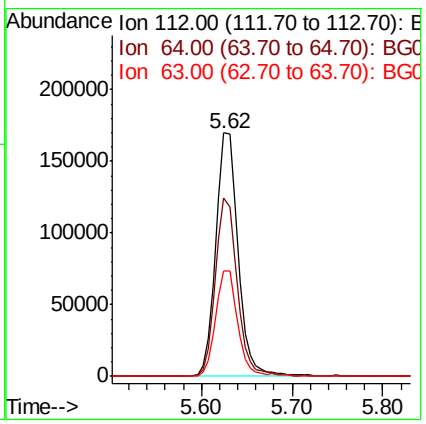


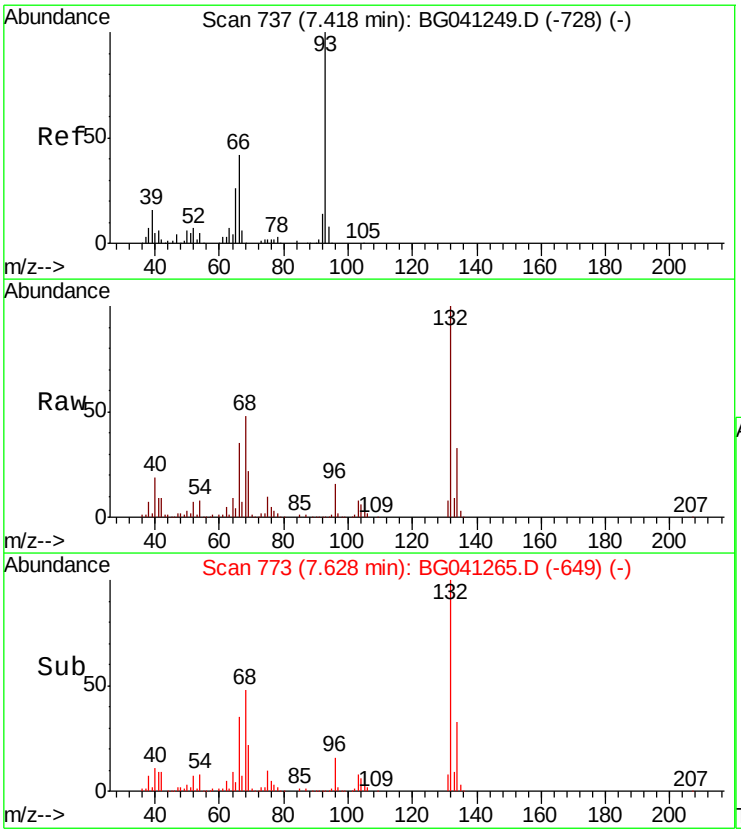
#5
2-Fluorophenol
Concen: 137.524 ng
RT: 5.62 min Scan# 432
Delta R.T. -0.01 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Instrument :
BNA_G
ClientSampleId :
B-730(1)RE

Tgt Ion:112 Resp: 290501

Ion	Ratio	Lower	Upper
112	100		
64	73.4	56.2	84.2
63	43.2	32.8	49.2

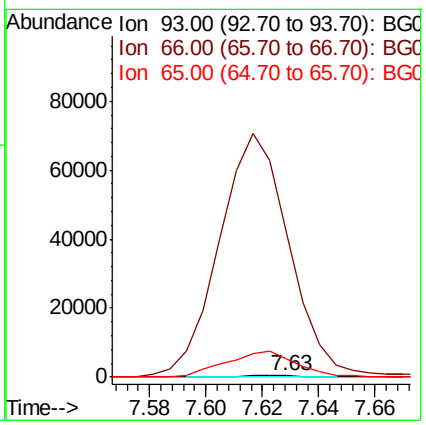


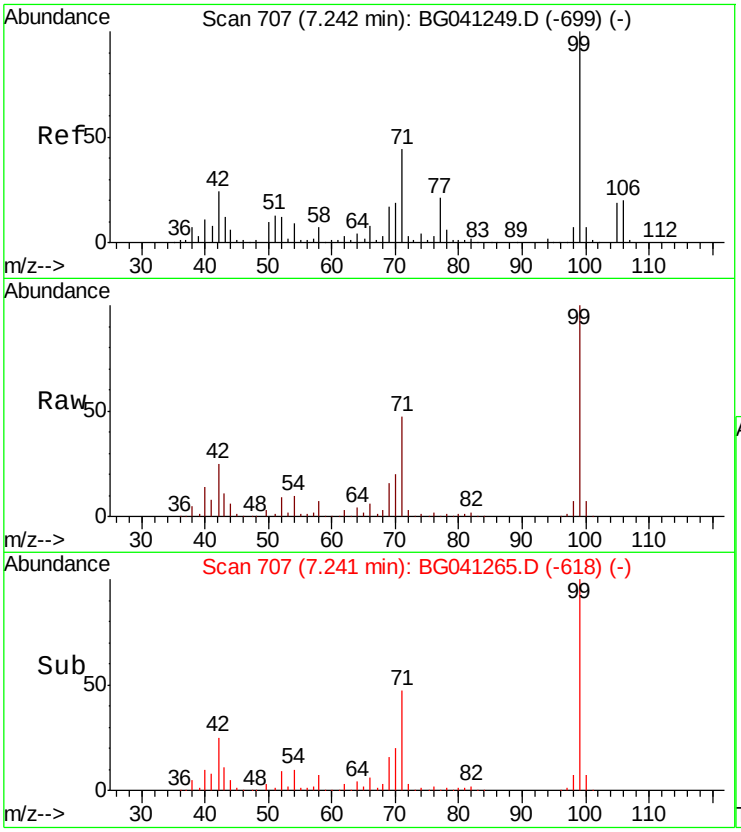


#6
Aniline
Concen: 0.159 ng
RT: 7.63 min Scan# 773
Delta R.T. 0.20 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Tgt Ion: 93 Resp: 669

Ion	Ratio	Lower	Upper
93	100		
66	9493.7	33.8	50.8#
65	1171.6	18.3	27.5#



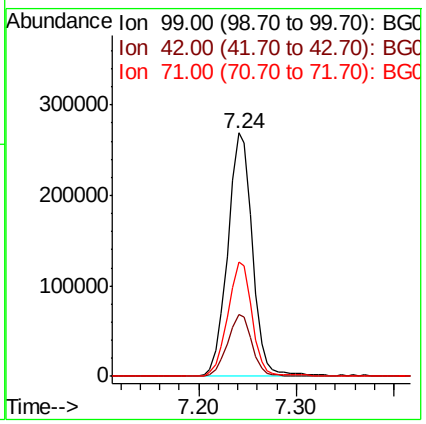


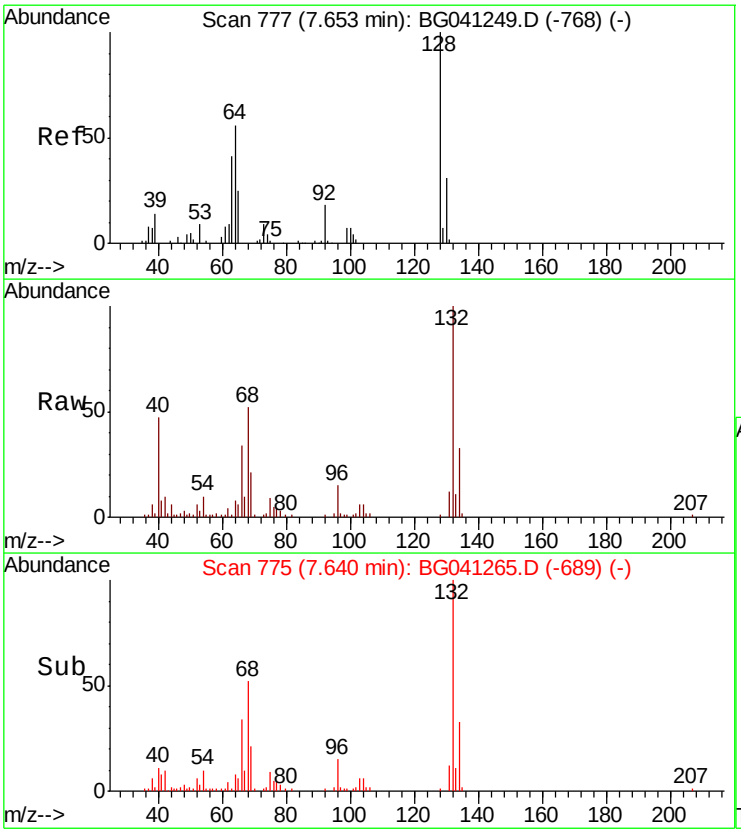
#7
Phenol-d6
Concen: 146.096 ng
RT: 7.24 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Instrument :
BNA_G
ClientSampleId :
B-730(1)RE

Tgt Ion: 99 Resp: 471781

Ion	Ratio	Lower	Upper
99	100		
42	25.4	17.9	26.9
71	47.0	35.4	53.0

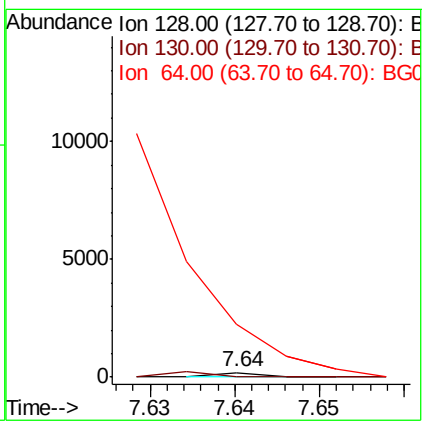


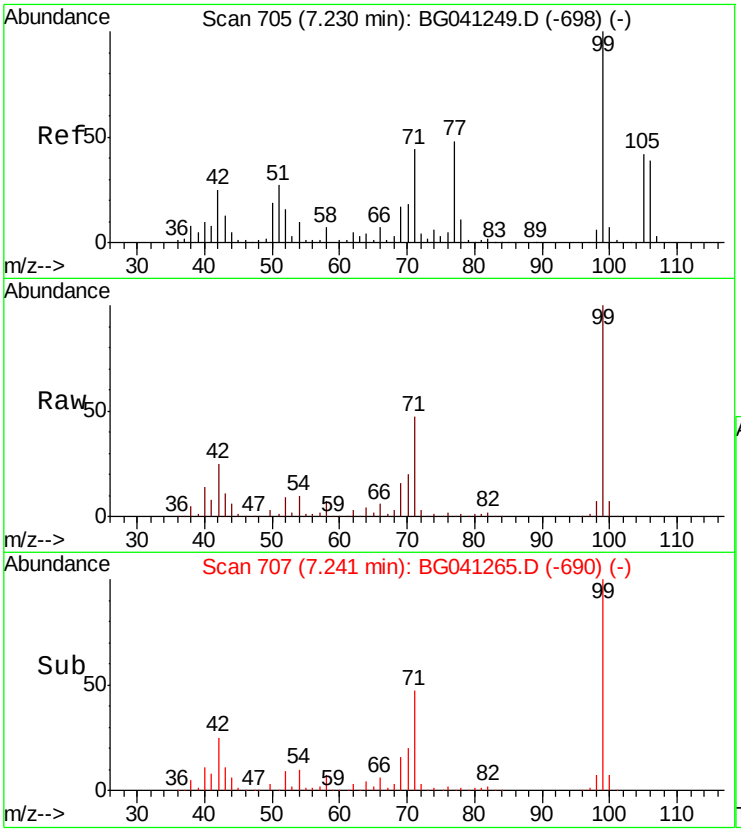


#8
2-Chlorophenol
Concen: 0.024 ng
RT: 7.64 min Scan# 775
Delta R.T. -0.02 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Tgt Ion:128 Resp: 63

Ion	Ratio	Lower	Upper
128	100		
130	0.0	16.6	56.6#
64	1252.8	37.8	77.8#



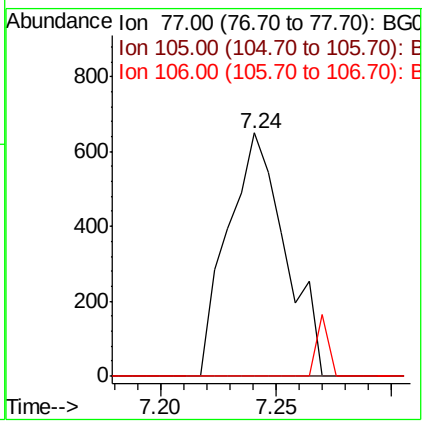


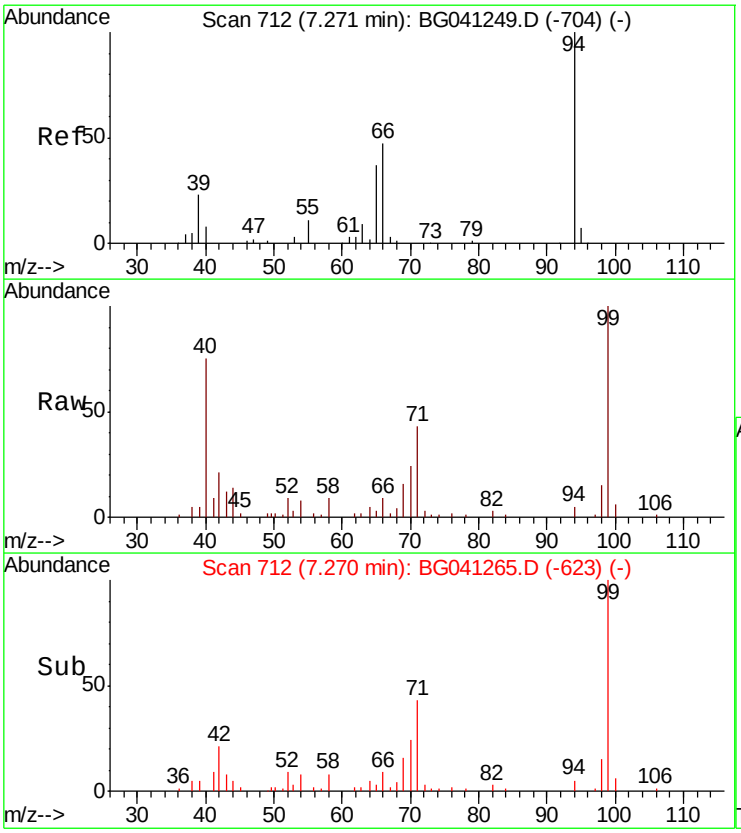
#9
Benzaldehyde
Concen: 0.548 ng
RT: 7.24 min Scan# 707
Delta R.T. -0.00 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Instrument :
BNA_G
ClientSampleId :
B-730(1)RE

Tgt Ion: 77 Resp: 1126

Ion	Ratio	Lower	Upper
77	100		
105	0.0	78.9	118.9#
106	0.0	76.7	116.7#

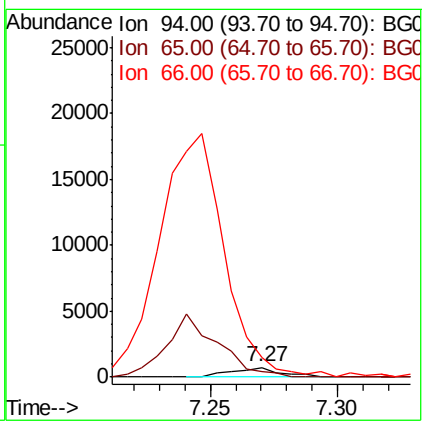


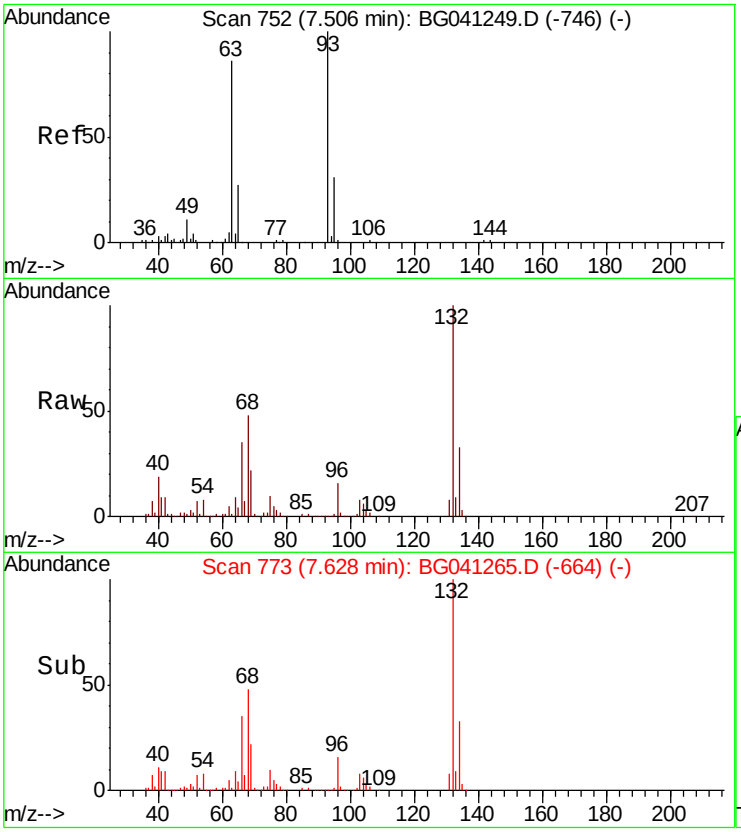


#10
Phenol
Concen: 0.300 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Tgt Ion: 94 Resp: 1039

Ion	Ratio	Lower	Upper
94	100		
65	60.0	17.0	57.0#
66	192.6	32.4	72.4#



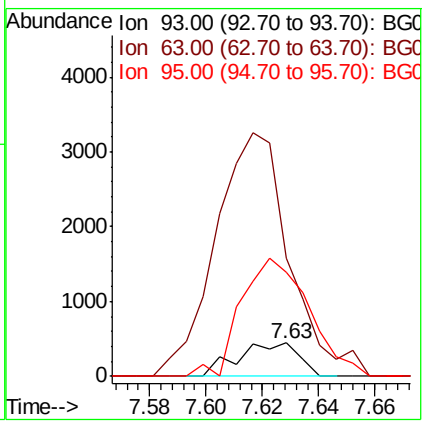


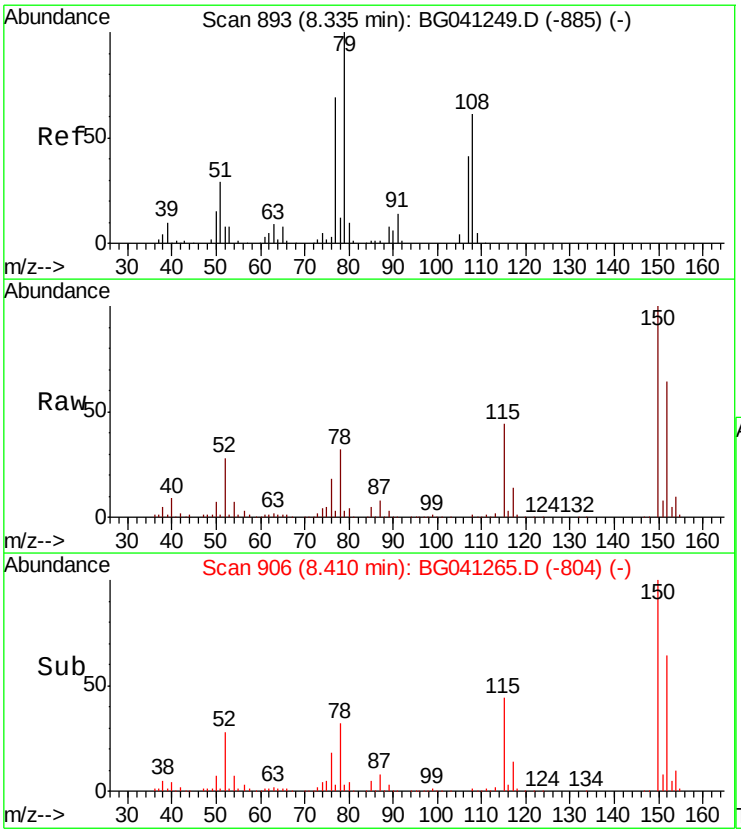
#11
bis(2-Chloroethyl)ether
Concen: 0.263 ng
RT: 7.63 min Scan# 773
Delta R.T. 0.11 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Instrument :
BNA_G
ClientSampleId :
B-730(1)RE

Tgt Ion: 93 Resp: 669

Ion	Ratio	Lower	Upper
93	100		
63	356.8	64.5	104.5#
95	313.5	13.3	53.3#

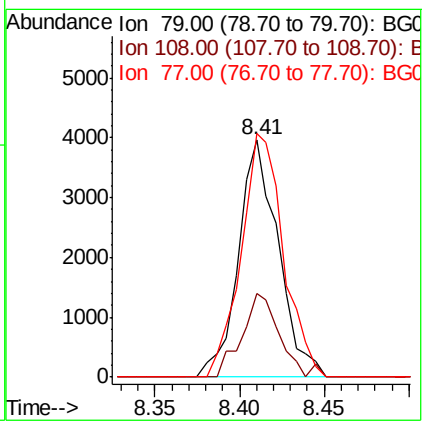


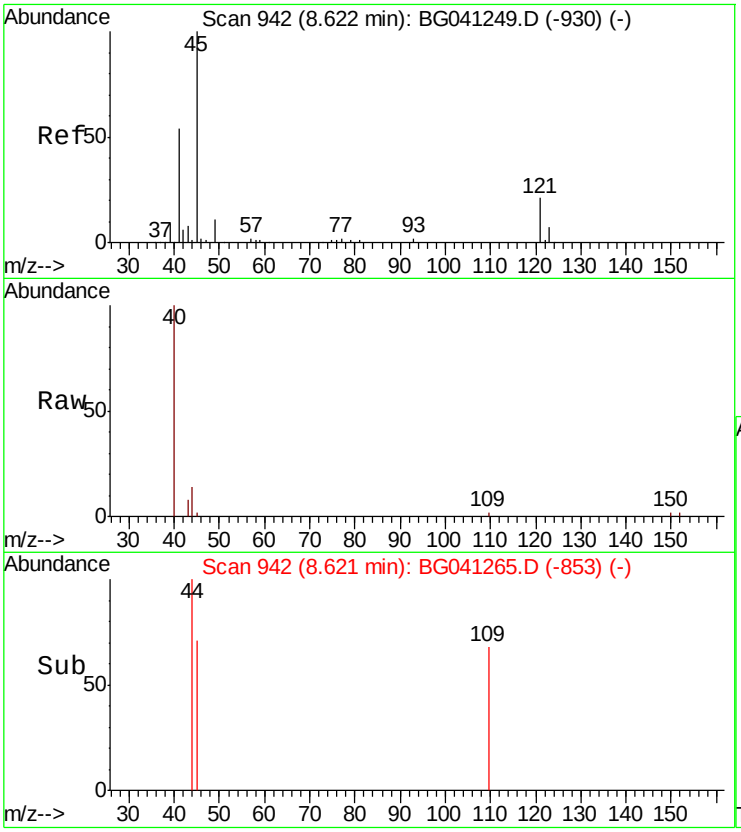


#15
Benzyl Alcohol
Concen: 2.178 ng
RT: 8.41 min Scan# 906
Delta R.T. 0.07 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Tgt Ion: 79 Resp: 6475

Ion	Ratio	Lower	Upper
79	100		
108	35.3	48.3	72.5#
77	102.4	52.3	78.5#



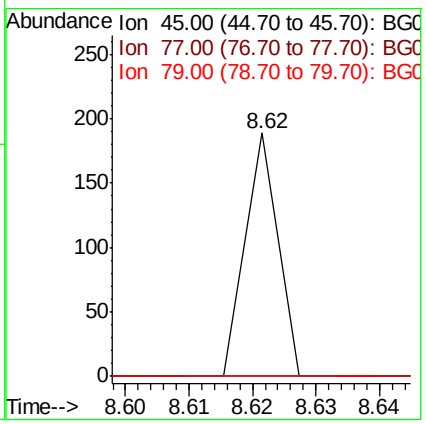


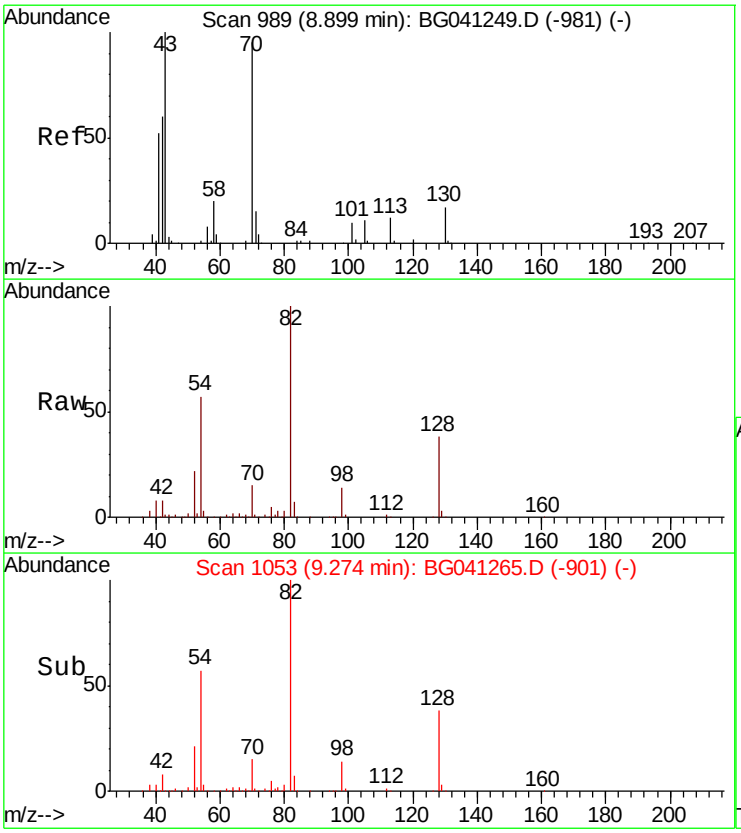
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.016 ng
RT: 8.62 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Instrument :
BNA_G
ClientSampleId :
B-730(1)RE

Tgt Ion: 45 Resp: 67

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	33.7
79	0.0	0.0	30.2

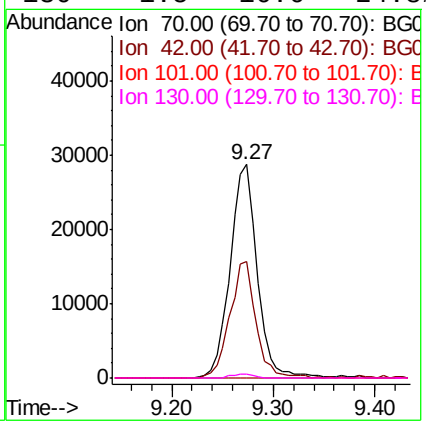


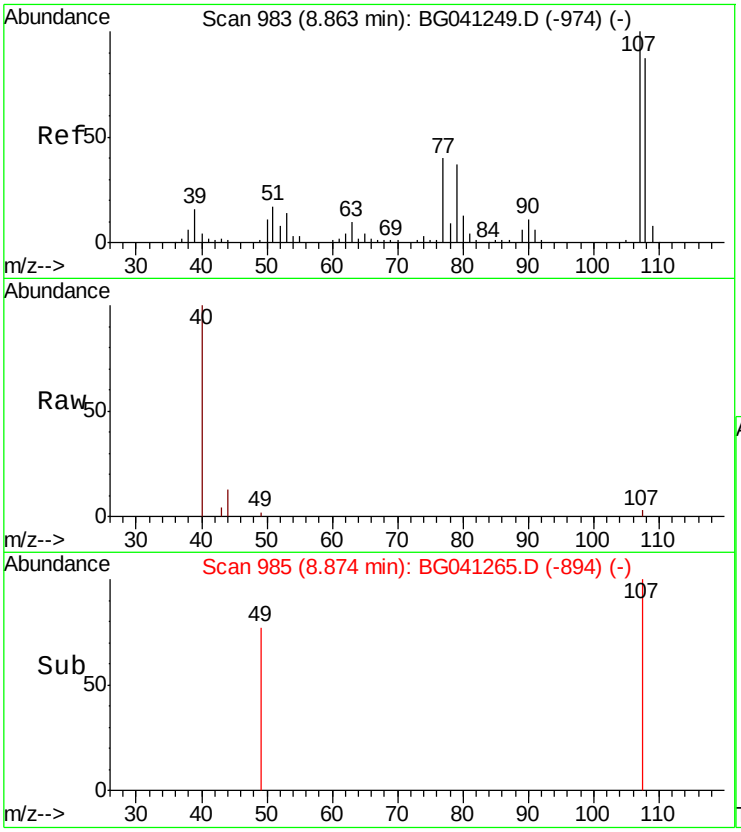


#19
n-Nitroso-di-n-propylamine
Concen: 21.603 ng
RT: 9.27 min Scan# 1053
Delta R.T. 0.36 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Tgt Ion: 70 Resp: 53396

Ion	Ratio	Lower	Upper
70	100		
42	54.8	51.5	77.3
101	0.0	8.1	12.1#
130	1.5	16.6	24.8#



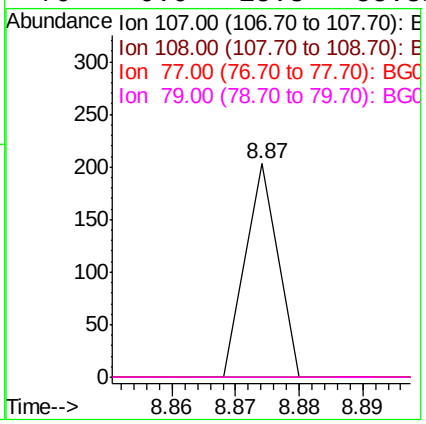


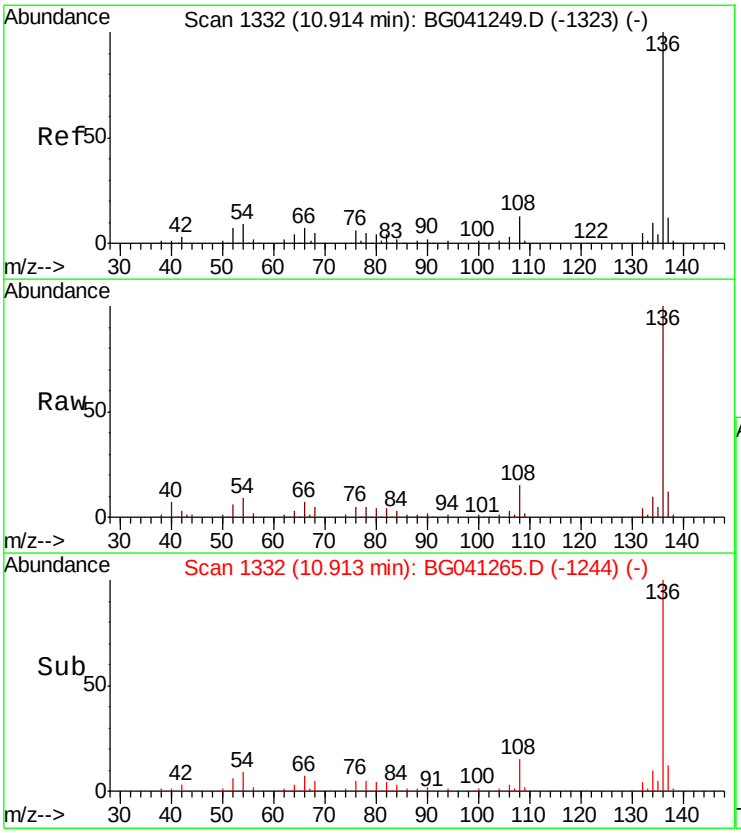
#20
3+4-Methylphenols
Concen: 0.021 ng
RT: 8.87 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Instrument :
BNA_G
ClientSampleId :
B-730(1)RE

Tgt Ion:107 Resp: 72

Ion	Ratio	Lower	Upper
107	100		
108	0.0	66.8	106.8#
77	0.0	20.5	60.5#
79	0.0	15.8	55.8#

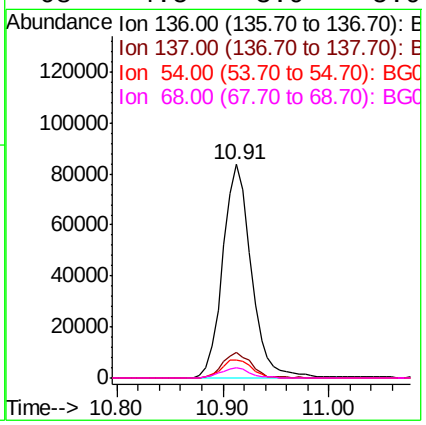


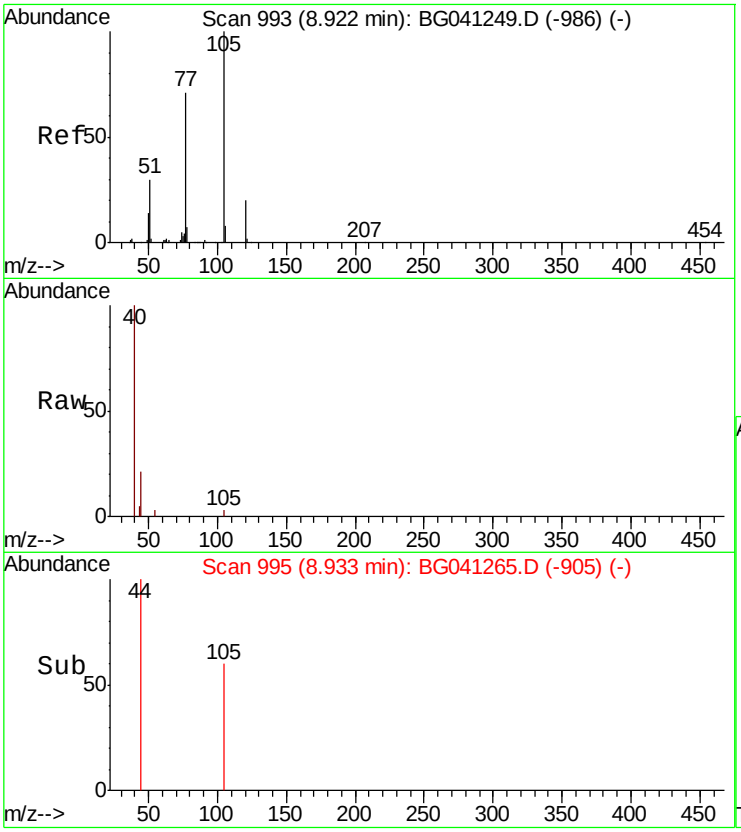


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Tgt Ion:136 Resp: 156637

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	8.5	7.6	11.4
68	4.5	3.9	5.9



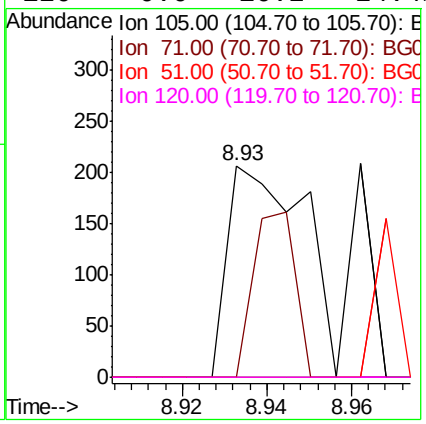


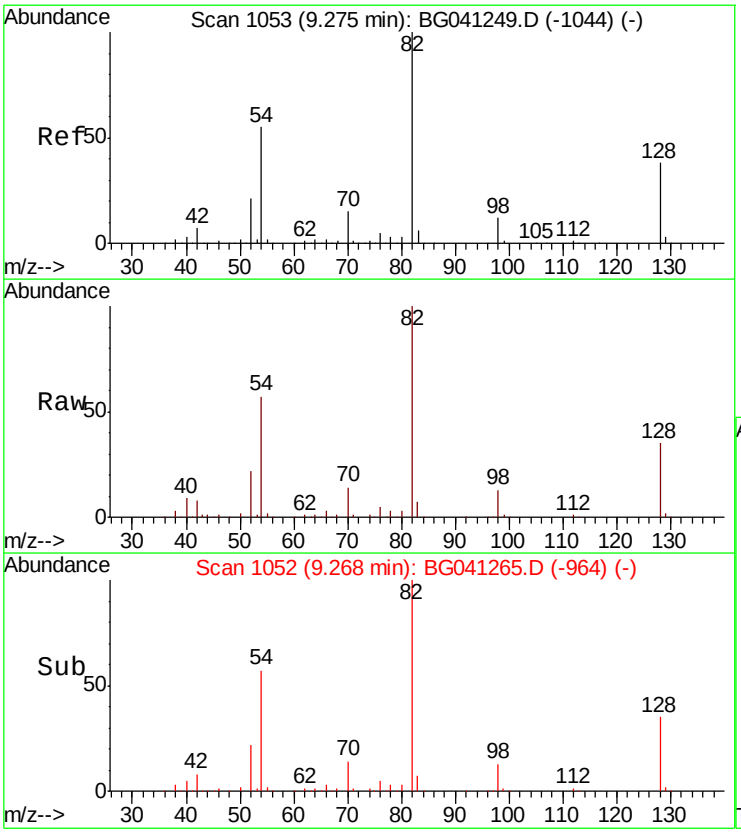
#22
Acetophenone
Concen: 0.060 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.00 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Instrument :
BNA_G
ClientSampleId :
B-730(1)RE

Tgt Ion:105 Resp: 260

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.4	0.6#
51	0.0	27.0	40.6#
120	0.0	16.2	24.4#

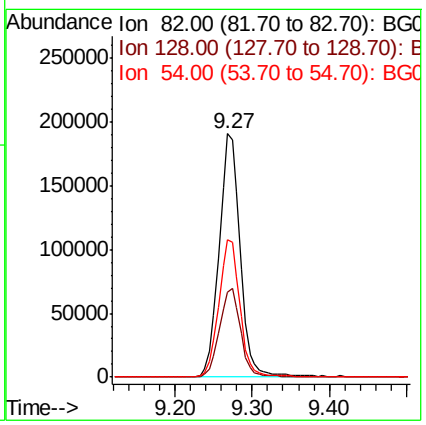


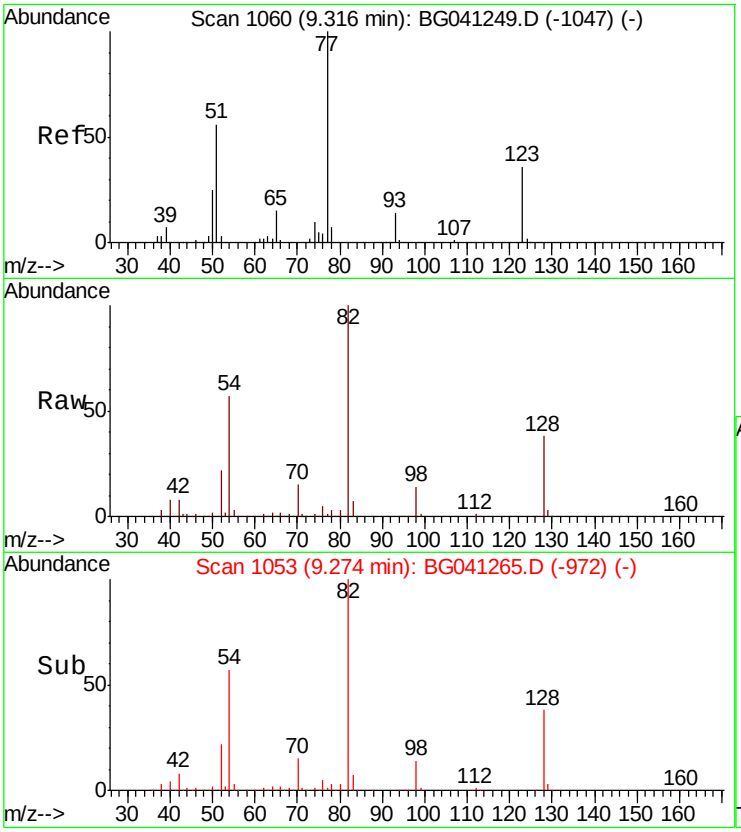


#23
Nitrobenzene-d5
Concen: 100.601 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Tgt Ion: 82 Resp: 363090

Ion	Ratio	Lower	Upper
82	100		
128	34.9	30.5	45.7
54	56.7	44.6	66.8



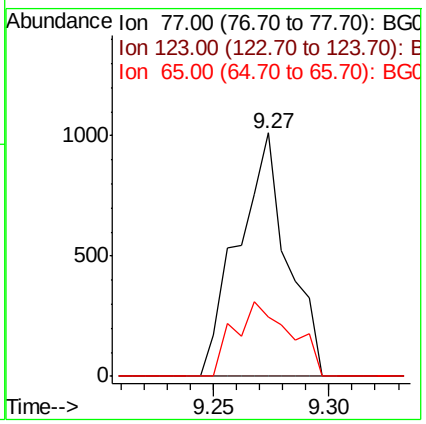


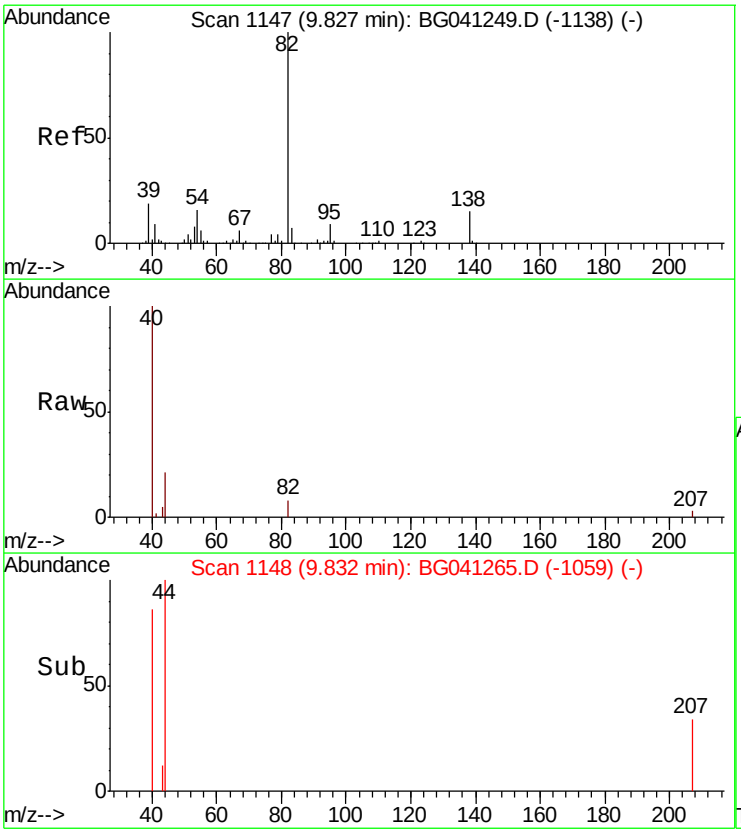
#24
Nitrobenzene
Concen: 0.416 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.05 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Instrument :
BNA_G
ClientSampleId :
B-730(1)RE

Tgt Ion: 77 Resp: 1505

Ion	Ratio	Lower	Upper
77	100		
123	0.0	30.6	46.0#
65	24.3	12.3	18.5#

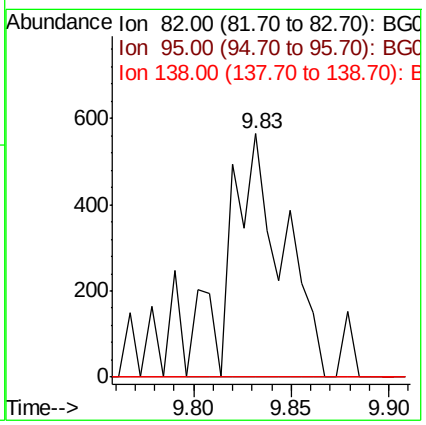


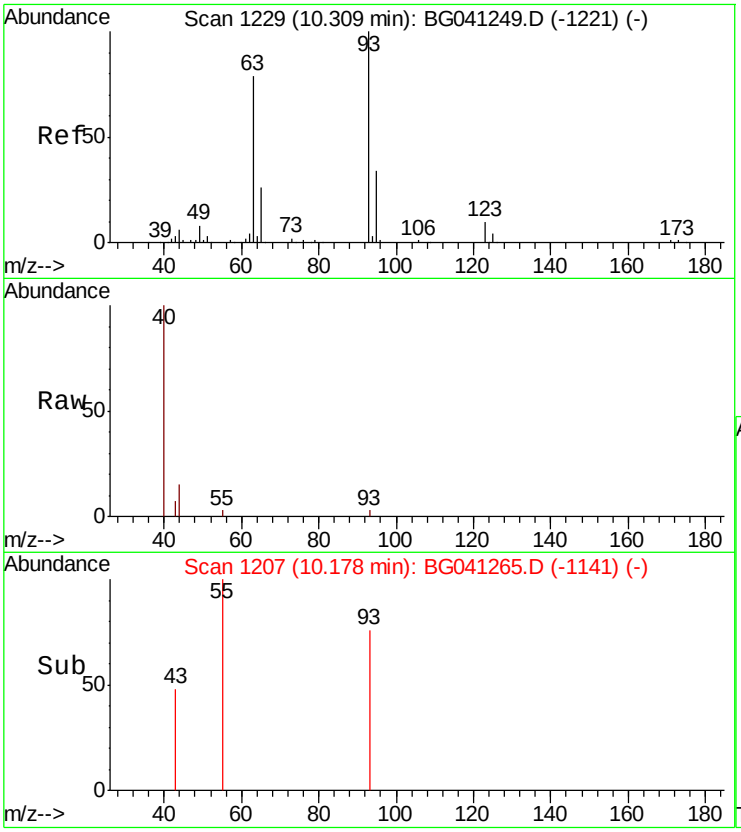


#25
Isophorone
Concen: 0.173 ng
RT: 9.83 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Tgt Ion: 82 Resp: 1100

Ion	Ratio	Lower	Upper
82	100		
95	0.0	7.0	10.4#
138	0.0	12.6	19.0#



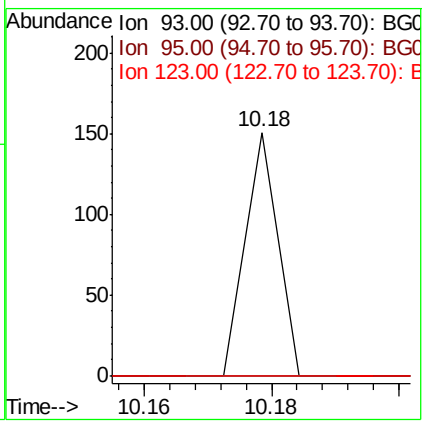


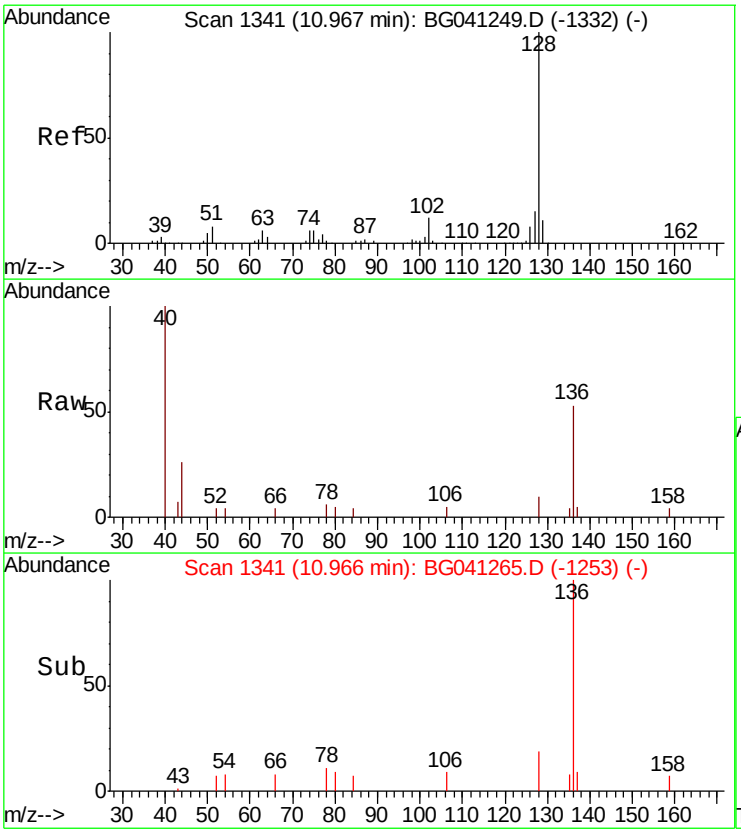
#28
bis(2-Chloroethoxy)methane
Concen: 0.015 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.14 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Instrument :
BNA_G
ClientSampleId :
B-730(1)RE

Tgt Ion: 93 Resp: 53

Ion	Ratio	Lower	Upper
93	100		
95	0.0	26.2	39.2#
123	0.0	9.5	14.3#

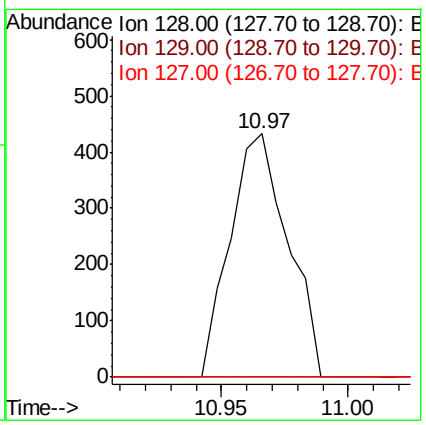


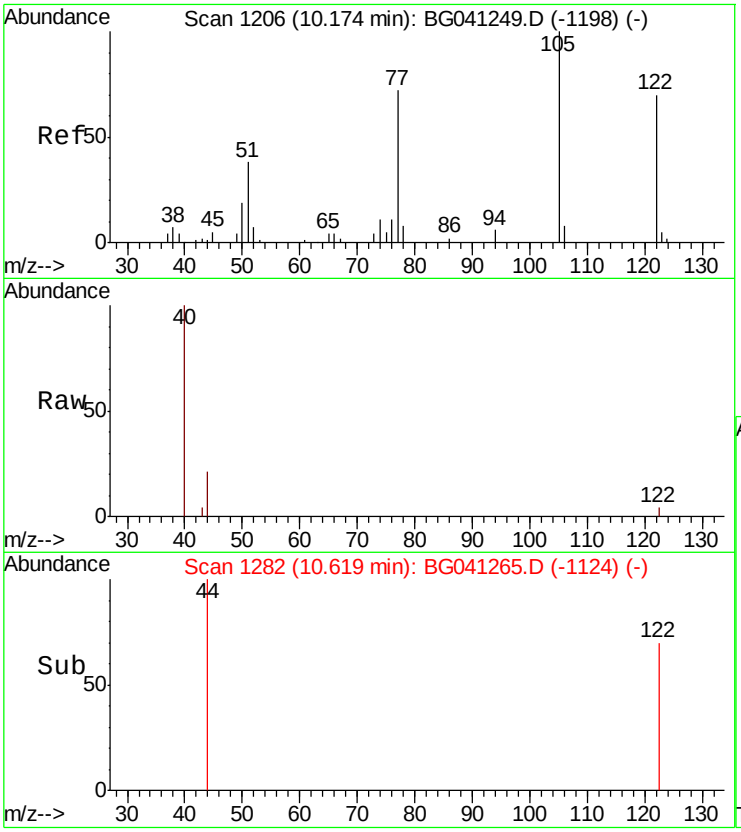


#31
Naphthalene
Concen: 0.083 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Tgt Ion:128 Resp: 687

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.5	12.7#
127	0.0	11.4	17.2#



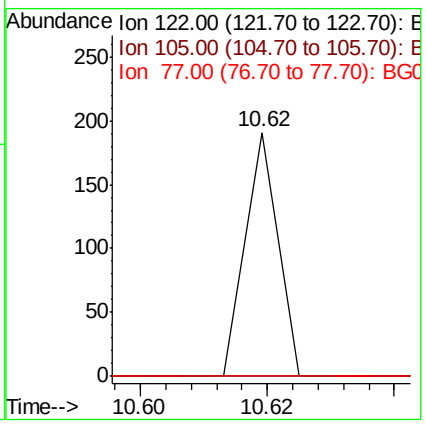


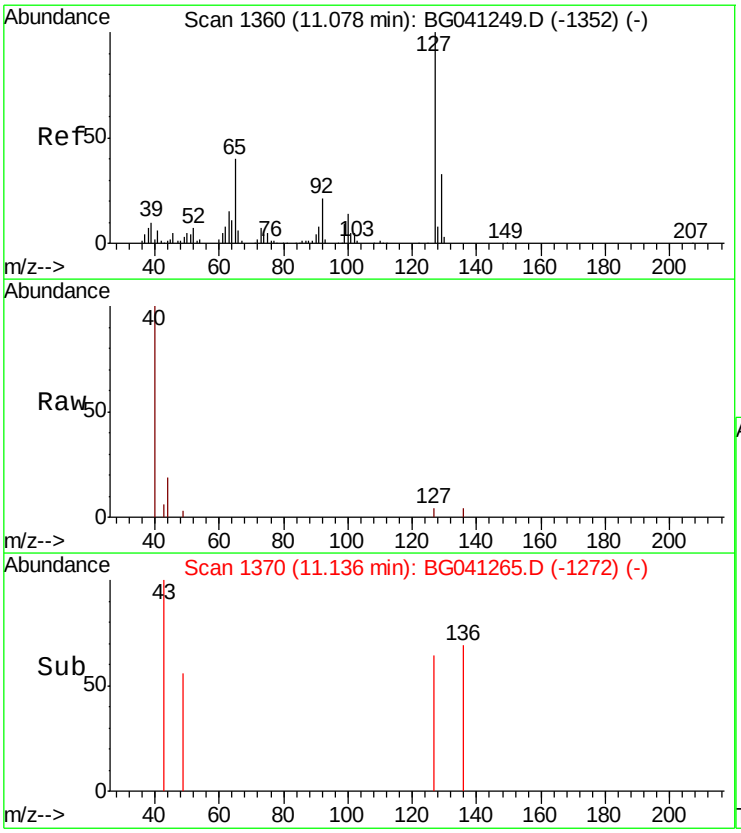
#32
Benzoic acid
Concen: 9.246 ng
RT: 10.62 min Scan# 1282
Delta R.T. 0.40 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Instrument :
BNA_G
ClientSampleId :
B-730(1)RE

Tgt Ion:122 Resp: 67

Ion	Ratio	Lower	Upper
122	100		
105	0.0	114.8	154.8#
77	0.0	89.9	129.9#

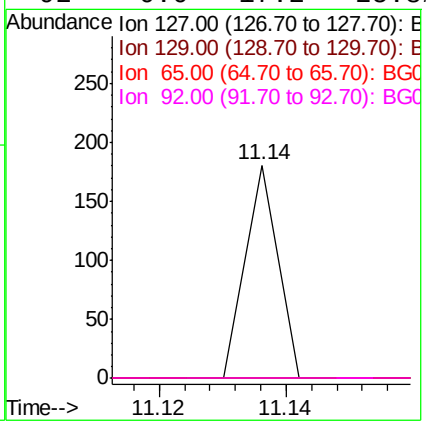


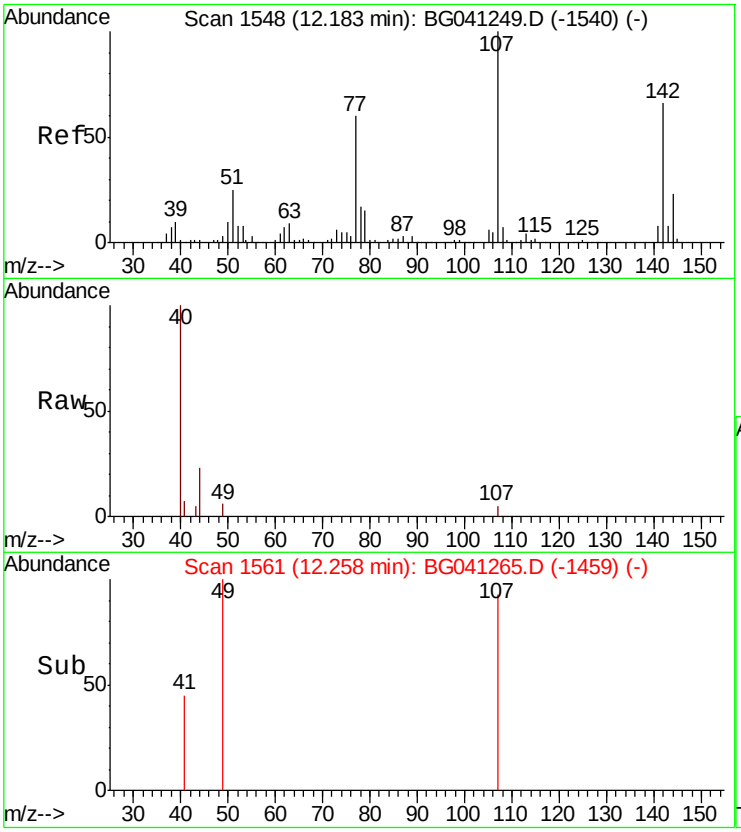


#33
4-Chloroaniline
Concen: 0.018 ng
RT: 11.14 min Scan# 1370
Delta R.T. 0.05 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Tgt Ion:127 Resp: 64

Ion	Ratio	Lower	Upper
127	100		
129	0.0	27.7	41.5#
65	0.0	33.2	49.8#
92	0.0	17.2	25.8#



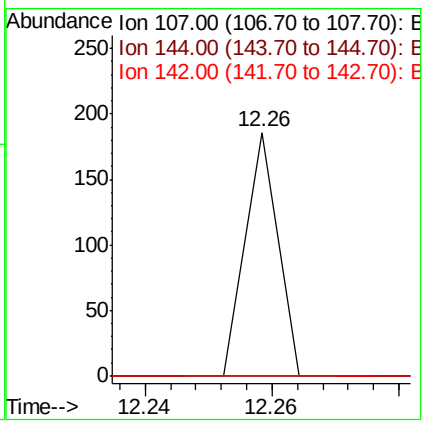


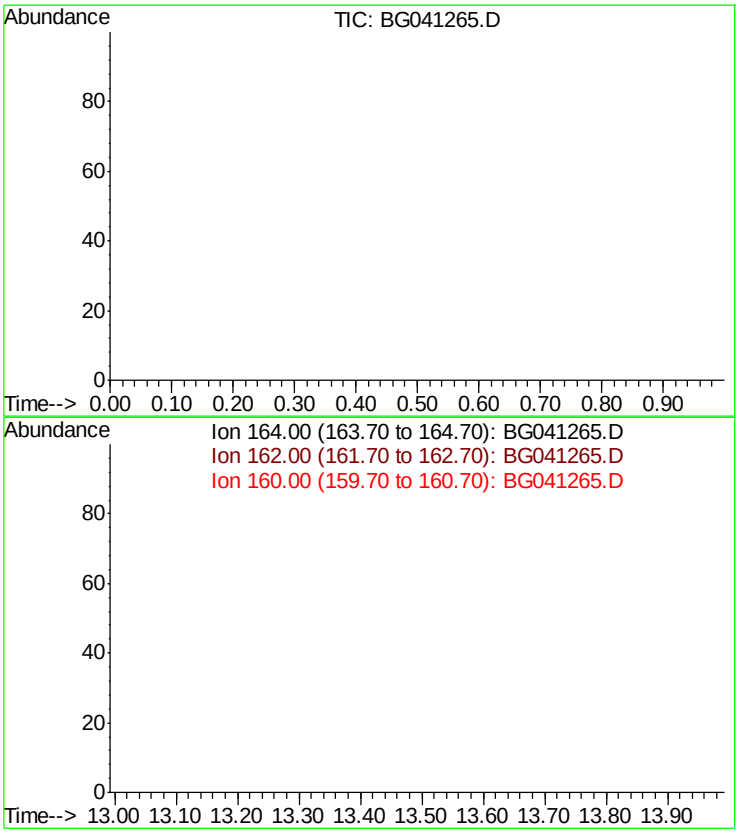
#36
4-Chloro-3-methylphenol
Concen: 0.021 ng
RT: 12.26 min Scan# 1561
Delta R.T. 0.07 min
Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Instrument :
BNA_G
ClientSampleId :
B-730(1)RE

Tgt Ion:107 Resp: 66

Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.4	29.0#
142	0.0	57.3	85.9#



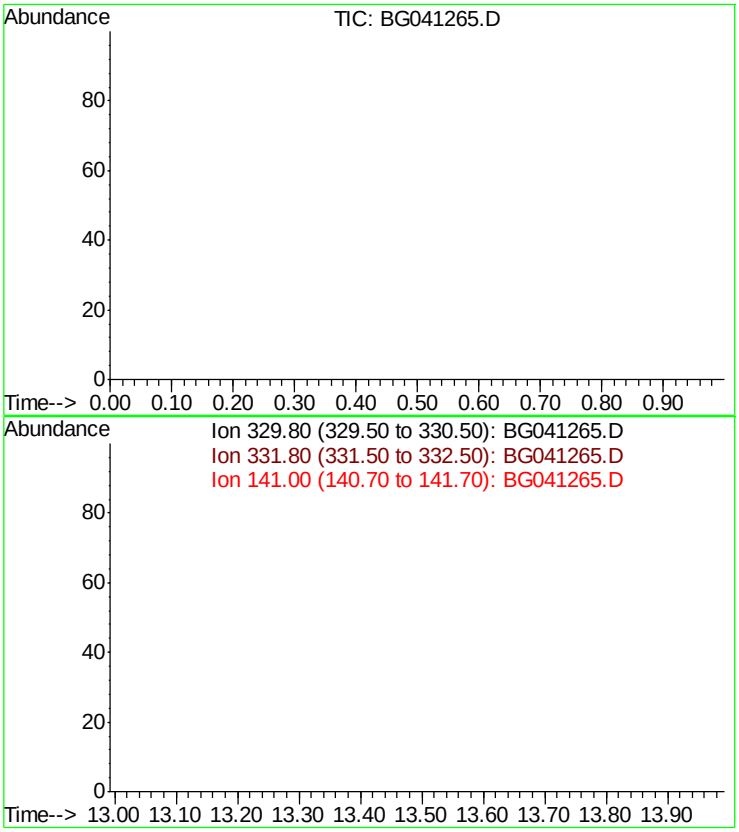


#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.74 min

Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	103.7
160	44.5



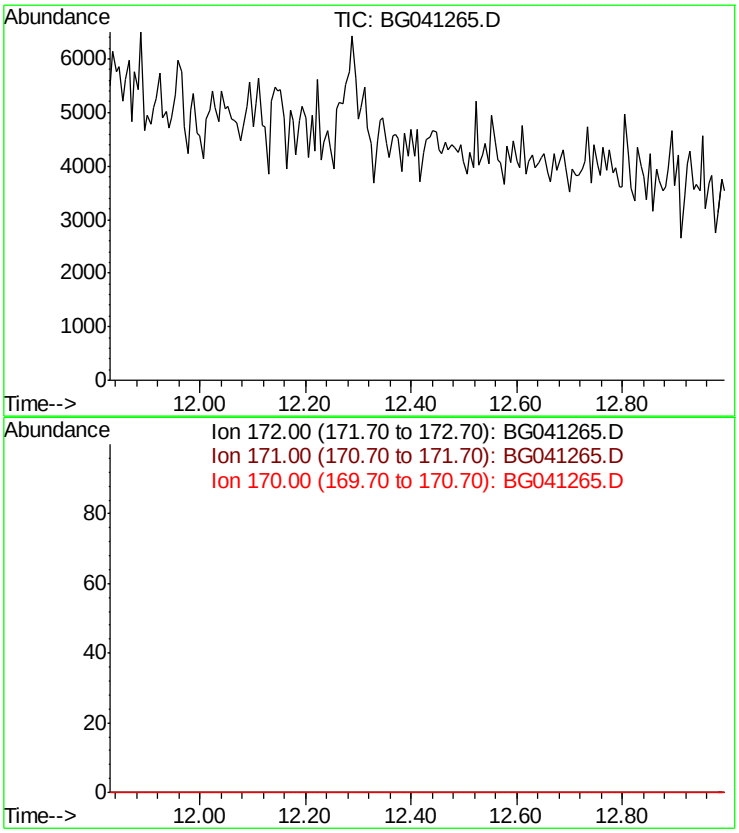
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.22 min

Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Instrument :
BNA_G
ClientSampleId :
B-730(1)RE

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	98.1
141	35.9

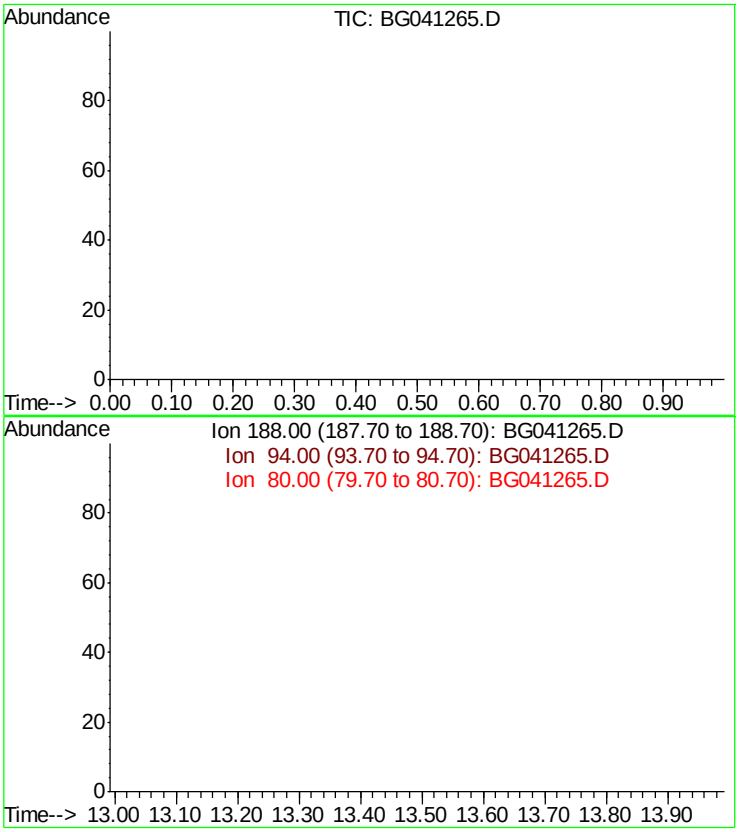


#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.36 min

Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	38.9
170	25.6



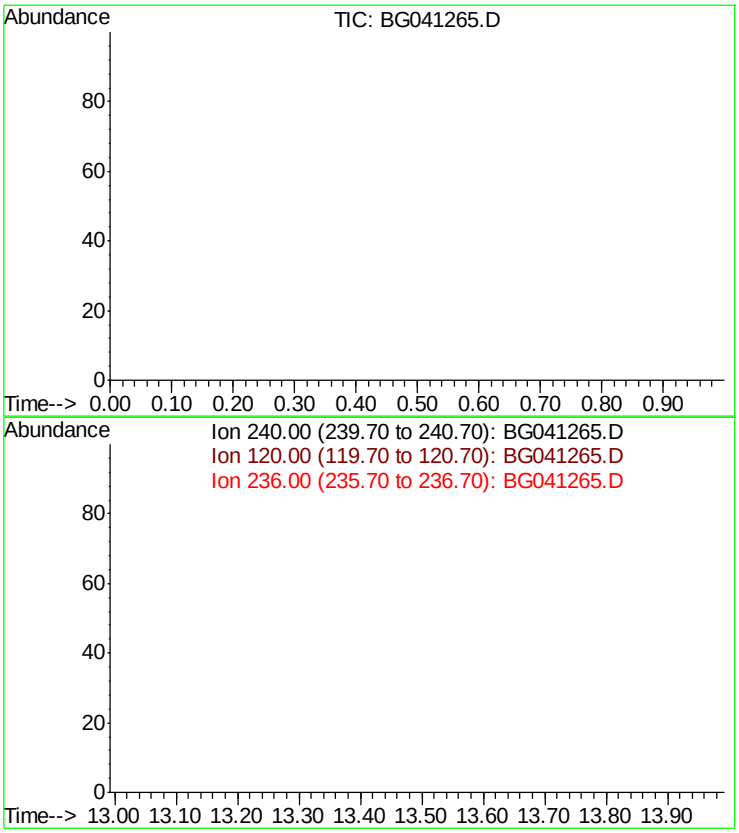
#64
Phenanthrene-d10
Concen: 0.000 ng
Expected RT: 17.48 min

Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Instrument :
BNA_G
ClientSampleId :
B-730(1)RE

Tgt Ion: 188

Sig	Exp Ratio
188	100
94	5.9
80	7.3

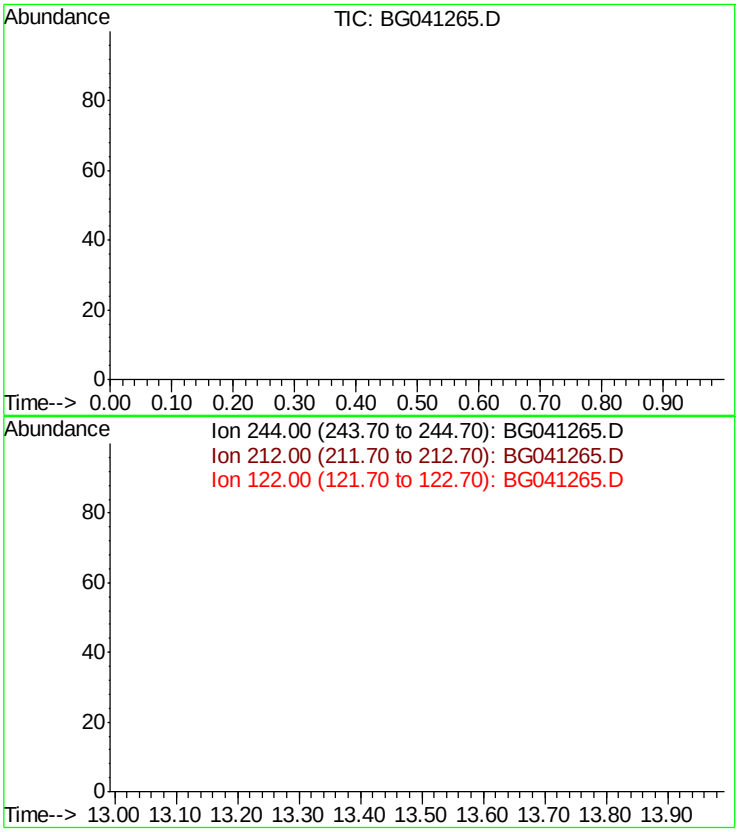


#76
Chrysene-d12
Concen: 0.000 ng
Expected RT: 21.76 min

Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Tgt Ion: 240

Sig	Exp Ratio
240	100
120	5.6
236	26.6



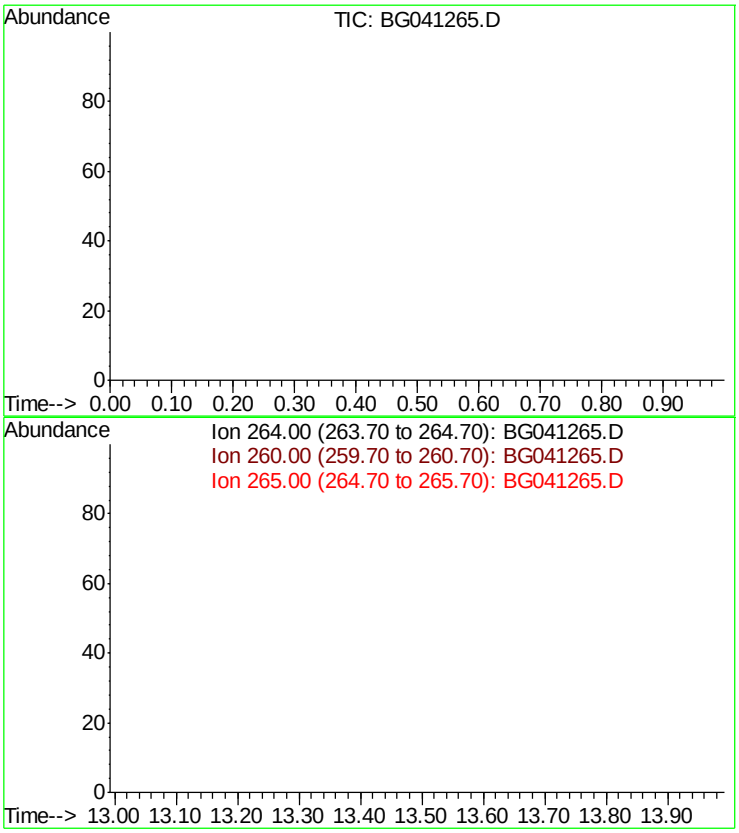
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 20.07 min

Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Instrument :
BNA_G
ClientSampleId :
B-730(1)RE

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	8.7
122	6.7



#87
Perylene-d12
Concen: 0.000 ng
Expected RT: 25.09 min

Lab File: BG041265.D
Acq: 14 Jun 2019 22:35

Tgt Ion: 264

Sig	Exp Ratio
264	100
260	23.7
265	21.2