Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
Data File : BG042406.D
Acq On : 22 Aug 2019 18:16
Operator : HP/JU
Sample : PB122408BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122408BS

Quant Time: Aug 23 02:34:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	72	20.00	ng		0.04
21) Naphthalene-d8	0.00	136	0	0.00	ng		-10.83
39) Acenaphthene-d10	0.00	164	0	0.00	ng		-14.66
64) Phenanthrene-d10	0.00	188	0	0.00	ng		-17.42
76) Chrysene-d12	0.00	240	0	0.00	ng		-21.70
87) Perylene-d12	24.84	264	414511	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	7.24	99	257	53.52	ng		0.06
23) Nitrobenzene-d5	0.00	82	0	0.00	ng		
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	3.38	88	36535	24626.100	ng	#	24
3) Pyridine	3.83	79	384	100.940	ng	#	22
4) n-Nitrosodimethylamine	4.06	42	17083	12572.598	ng	#	1
6) Aniline	7.36	93	243	37.940	ng	#	45
8) 2-Chlorophenol	7.18	128	55	12.766	ng	#	39
9) Benzaldehyde	7.15	77	316	131.441	ng	#	30
10) Phenol	7.23	94	56	11.470	ng	#	43
11) bis(2-Chloroethyl)ether	7.46	93	68	17.734	ng	#	35
12) 1,3-Dichlorobenzene	7.84	146	58	10.582	ng	#	1
13) 1,4-Dichlorobenzene	7.84	146	58	10.447	ng	#	27
15) Benzyl Alcohol	7.90	79	55	15.920	ng	#	12
18) Hexachloroethane	9.07	117	56	29.464	ng	#	1
20) 3+4-Methylphenols	8.78	107	57	11.454	ng	#	21
88) Benzo(b)fluoranthene	23.61	252	536432	23.540	ng		98
89) Benzo(k)fluoranthene	23.61	252	536432	24.490	ng		98
90) Benzo(a)pyrene	24.63	252	1273819	58.907	ng		98
92) Benzo(g,h,i)perylene	30.17	276	212473	9.703	ng		96

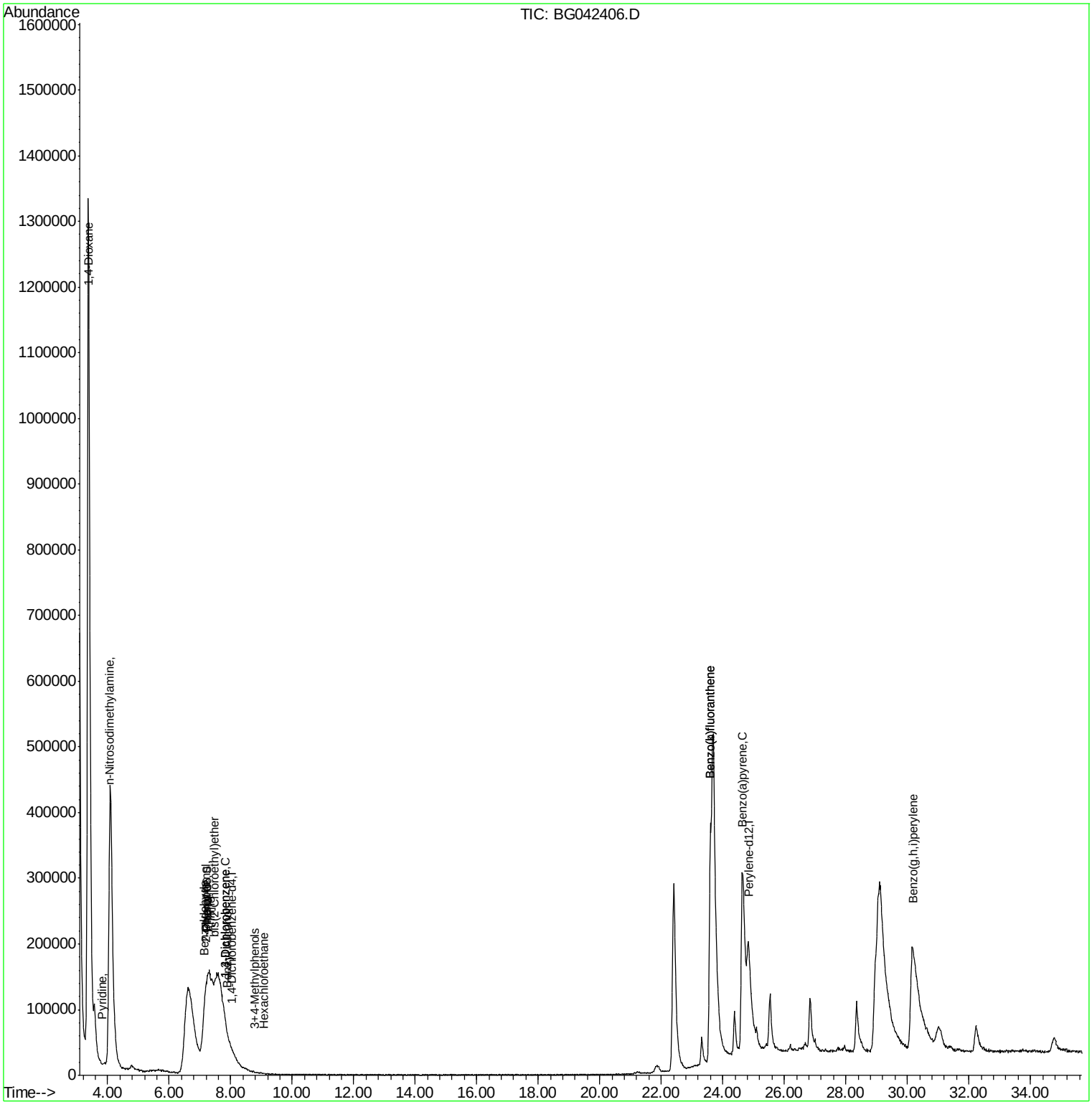
(#) = qualifier out of range (m) = manual integration (+) = signals summed

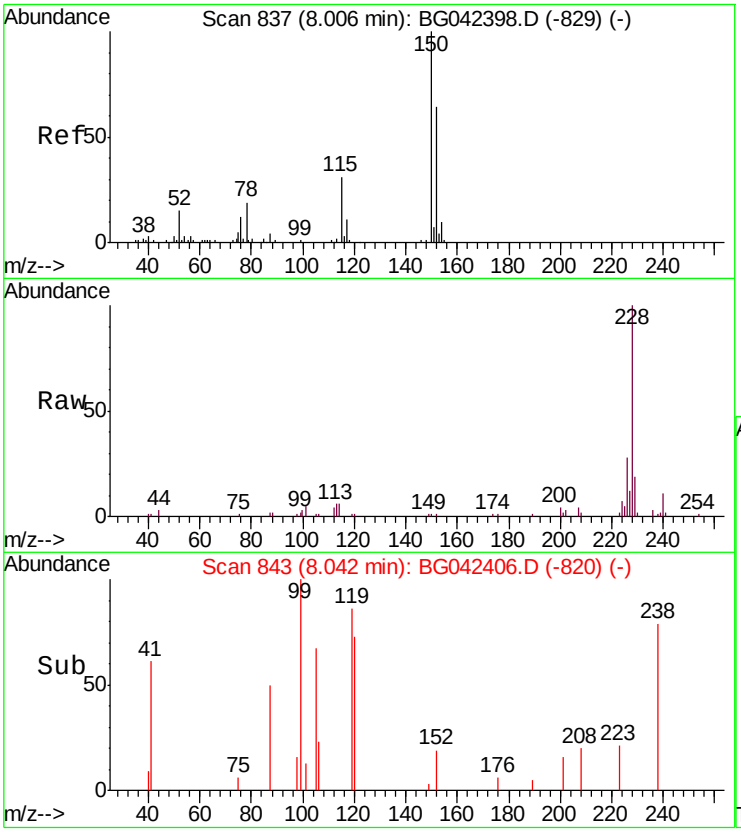
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
Data File : BG042406.D
Acq On : 22 Aug 2019 18:16
Operator : HP/JU
Sample : PB122408BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122408BS

Quant Time: Aug 23 02:34:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration



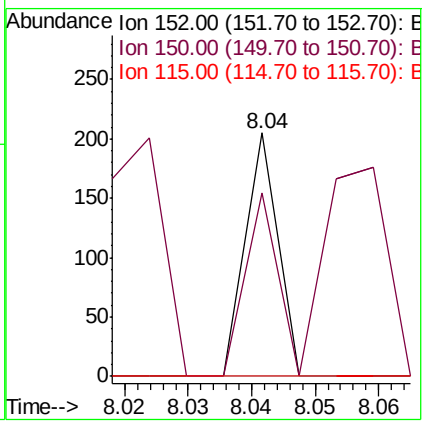


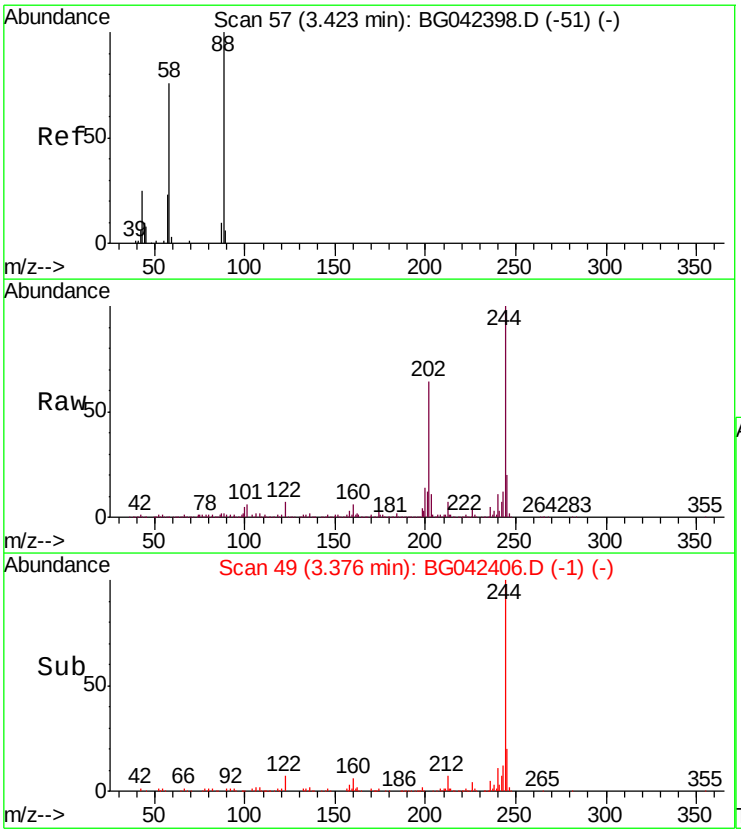
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. 0.04 min
Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Instrument :
BNA_G
ClientSampleId :
PB122408BS

Tgt Ion:152 Resp: 72

Ion	Ratio	Lower	Upper
152	100		
150	75.1	125.4	188.0#
115	0.0	38.5	57.7#

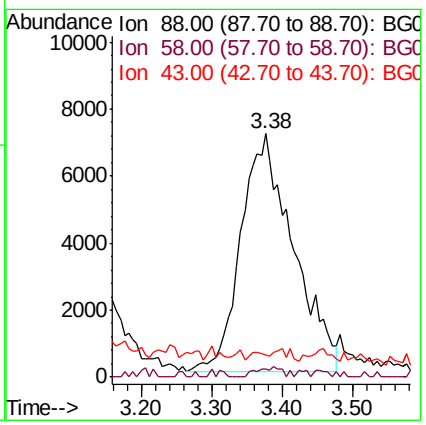


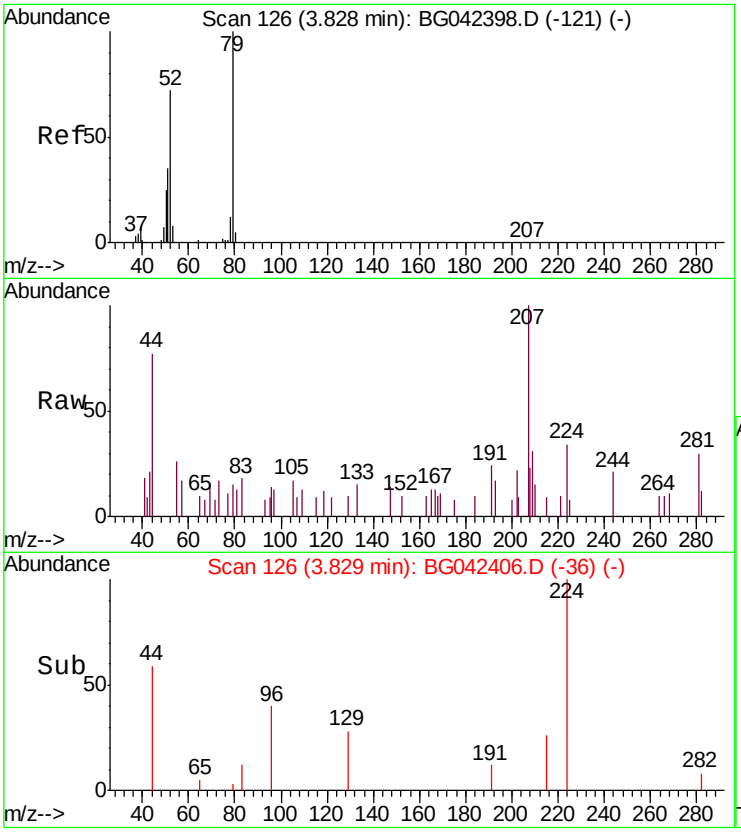


#2
1,4-Dioxane
Concen: 24626.100 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.05 min
Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Tgt Ion: 88 Resp: 36535

Ion	Ratio	Lower	Upper
88	100		
58	2.0	58.3	87.5#
43	0.0	20.2	30.2#



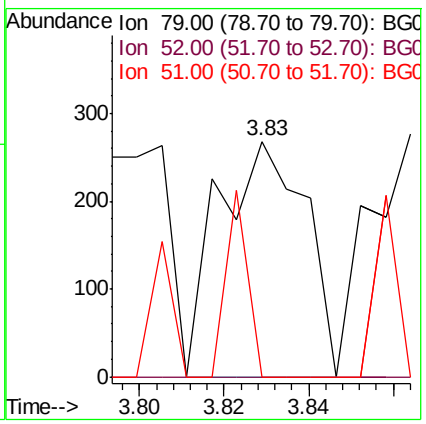


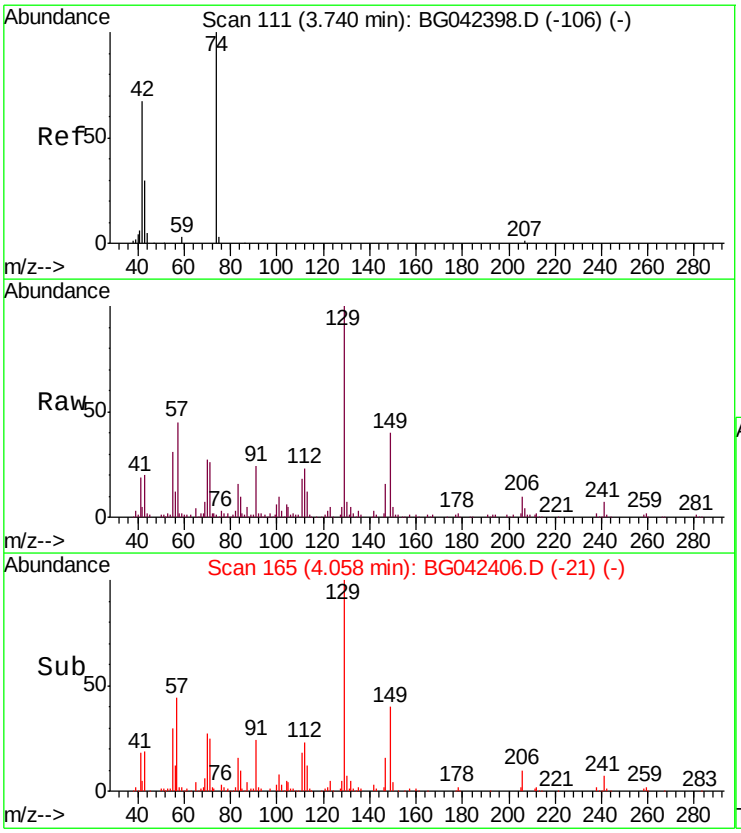
#3
Pyridine
Concen: 100.940 ng
RT: 3.83 min Scan# 126
Delta R.T. 0.00 min
Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Instrument :
BNA_G
ClientSampleId :
PB122408BS

Tgt Ion: 79 Resp: 384

Ion	Ratio	Lower	Upper
79	100		
52	0.0	57.7	86.5#
51	0.0	28.8	43.2#

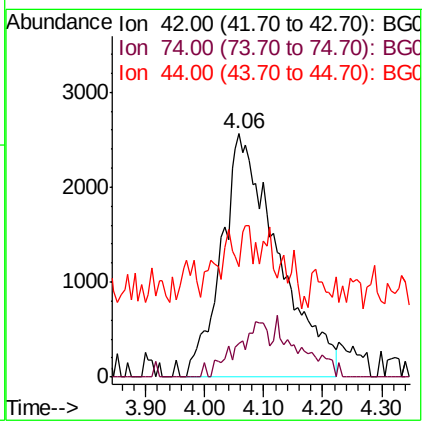


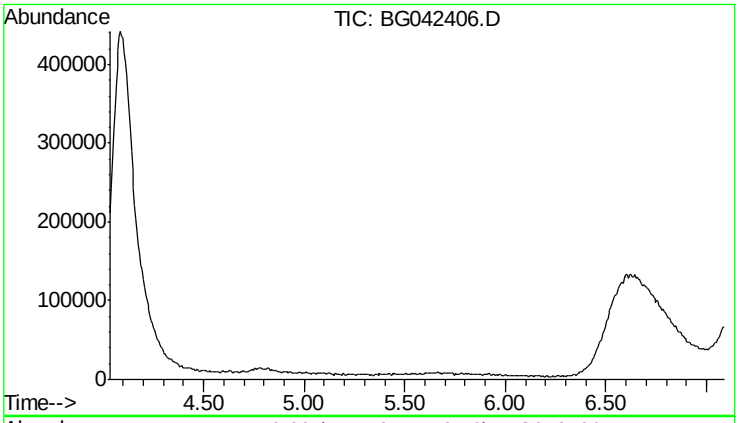


#4
n-Nitrosodimethylamine
Concen: 12572.598 ng
RT: 4.06 min Scan# 165
Delta R.T. 0.32 min
Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Tgt Ion: 42 Resp: 17083

Ion	Ratio	Lower	Upper
42	100		
74	13.9	119.6	179.4#
44	45.2	6.5	9.7#





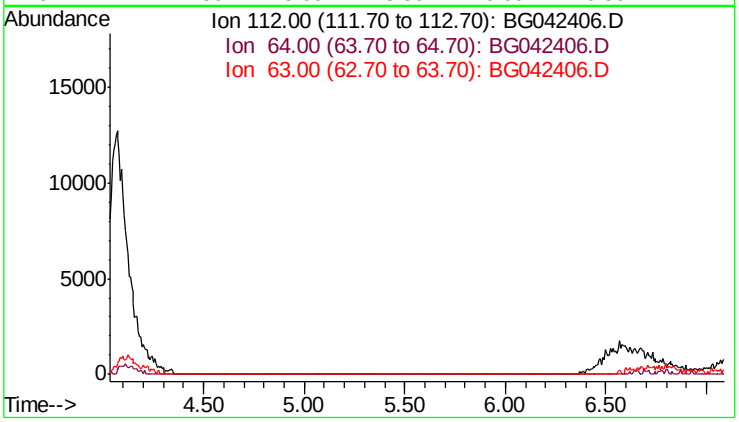
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.56 min

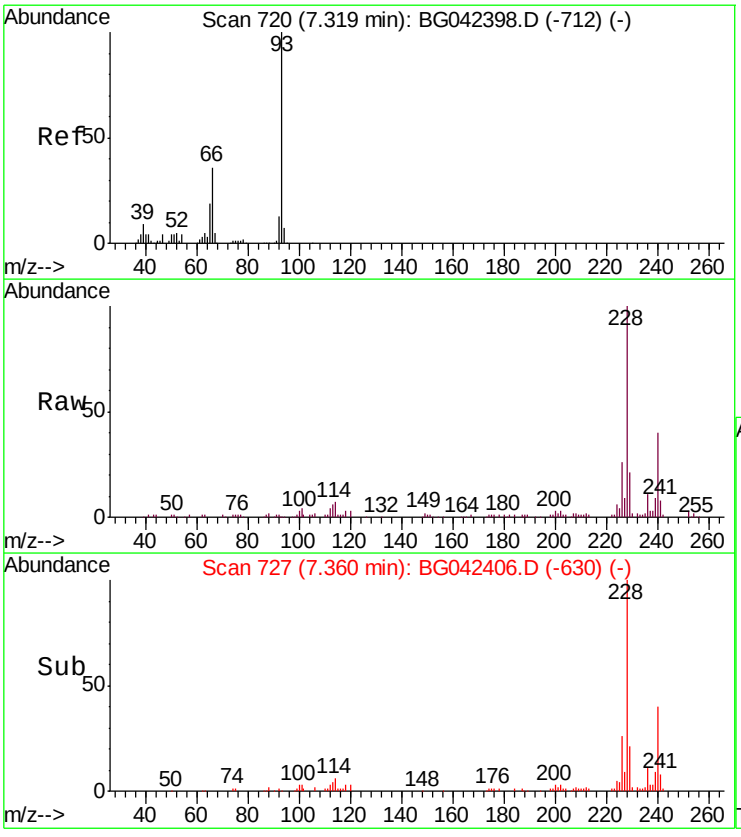
Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	53.5
63	28.4

Instrument :
BNA_G
ClientSampleId :
PB122408BS

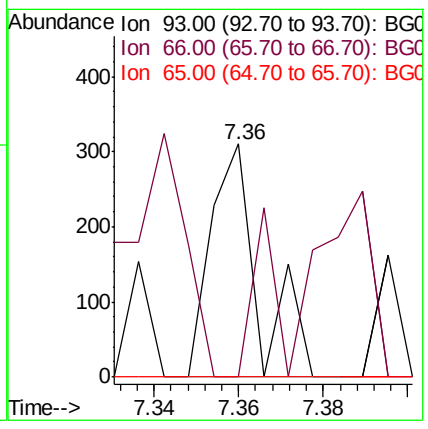


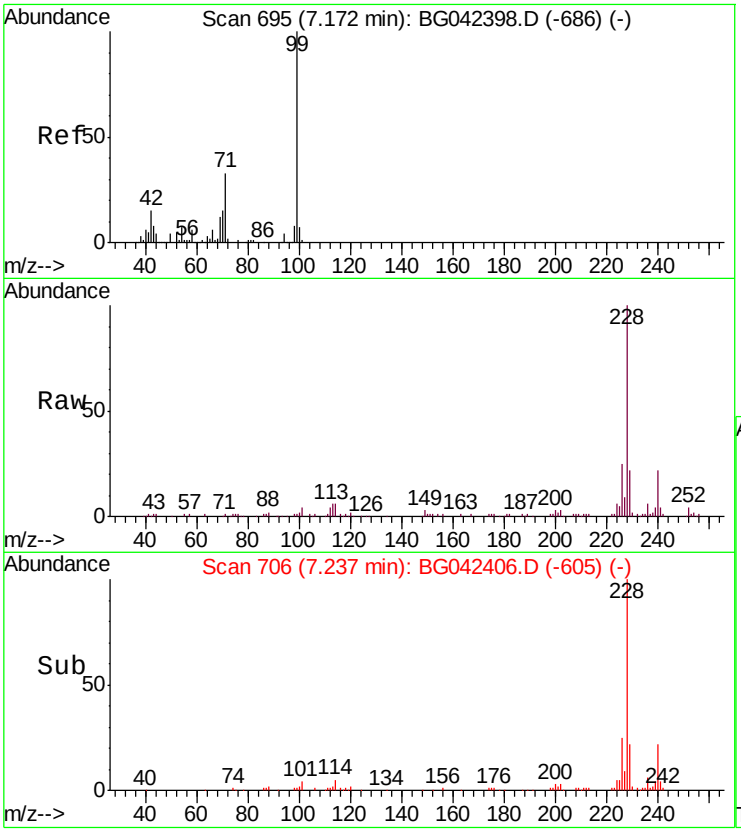


#6
Aniline
Concen: 37.940 ng
RT: 7.36 min Scan# 727
Delta R.T. 0.04 min
Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Tgt Ion: 93 Resp: 243

Ion	Ratio	Lower	Upper
93	100		
66	0.0	29.0	43.6#
65	0.0	15.2	22.8#



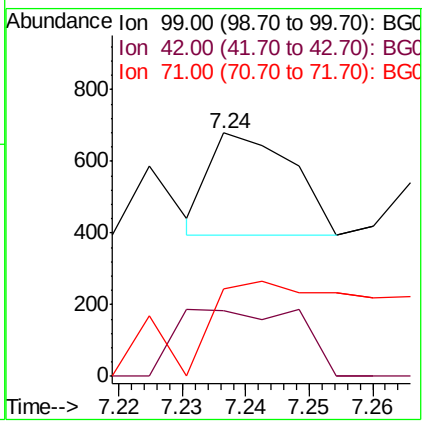


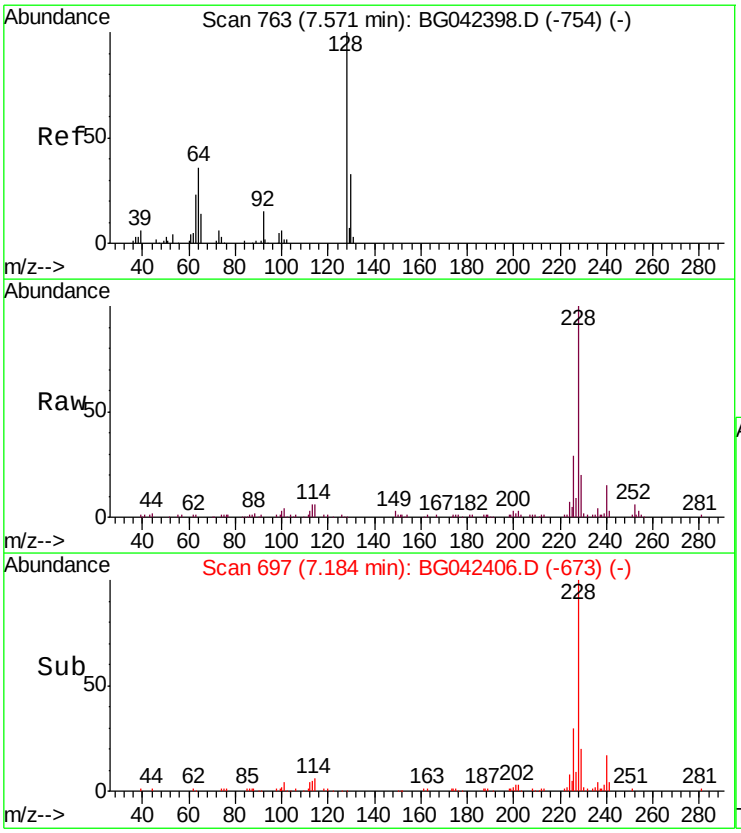
#7
Phenol-d6
Concen: 53.519 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.06 min
Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Instrument :
BNA_G
ClientSampleId :
PB122408BS

Tgt Ion: 99 Resp: 257

Ion	Ratio	Lower	Upper
99	100		
42	26.8	12.0	18.0#
71	36.1	26.3	39.5

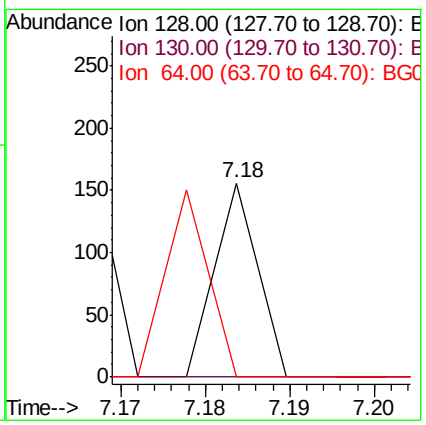


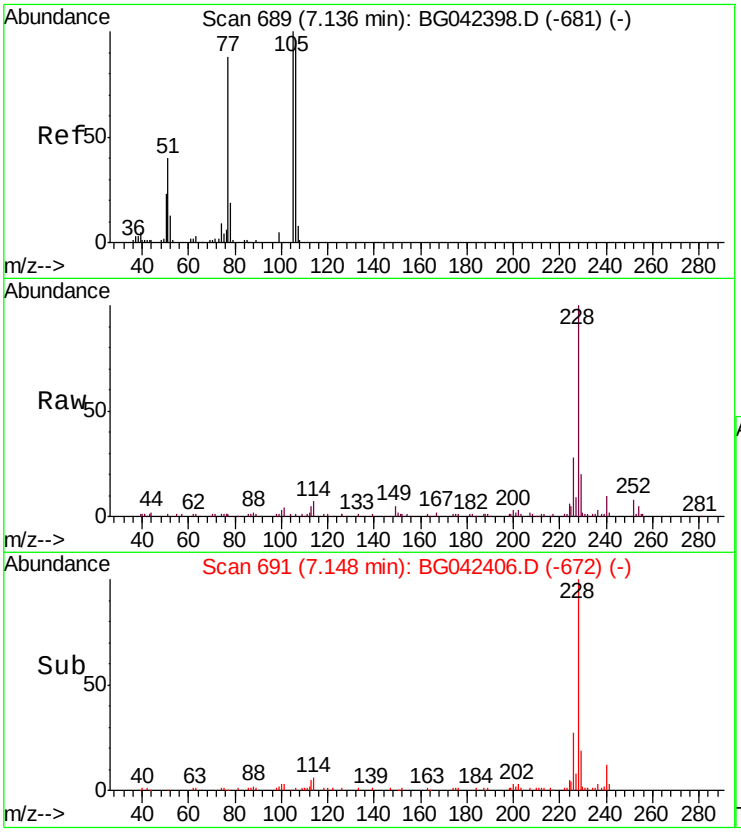


#8
2-Chlorophenol
Concen: 12.766 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.39 min
Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Tgt Ion:128 Resp: 55

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.8	52.8#
64	0.0	19.2	59.2#



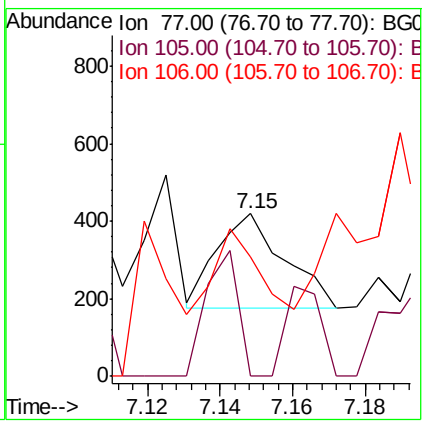


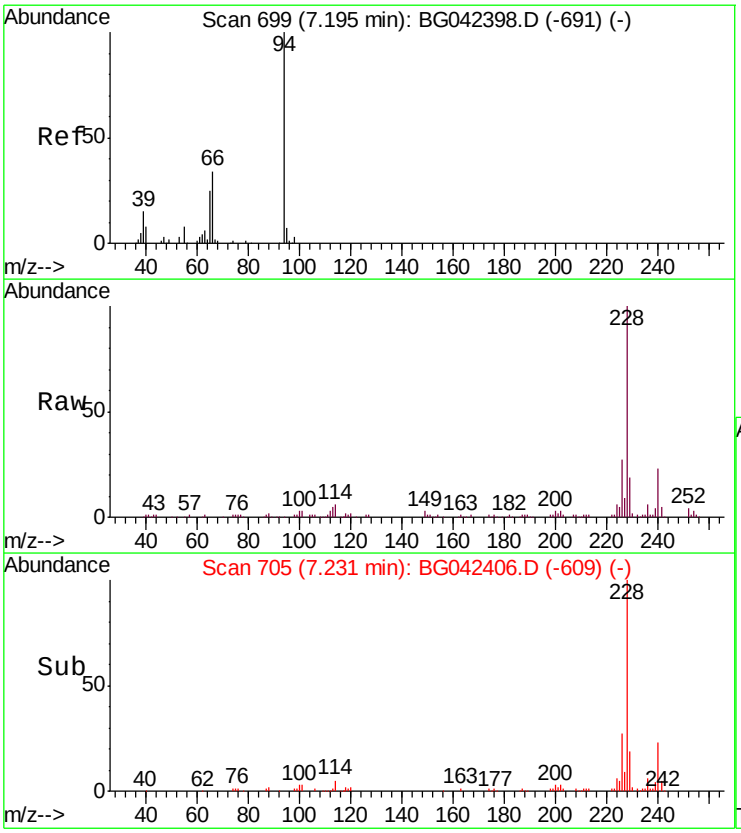
#9
Benzaldehyde
Concen: 131.441 ng
RT: 7.15 min Scan# 691
Delta R.T. 0.01 min
Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Instrument :
BNA_G
ClientSampleId :
PB122408BS

Tgt Ion: 77 Resp: 316

Ion	Ratio	Lower	Upper
77	100		
105	0.0	93.4	133.4#
106	73.5	88.4	128.4#

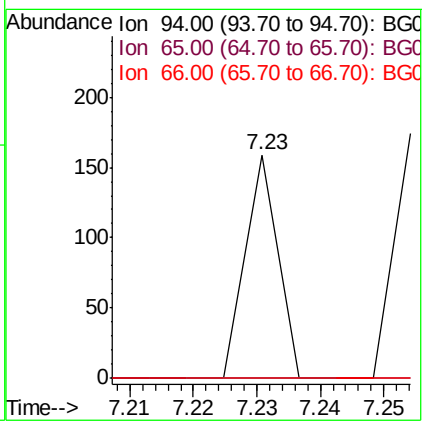


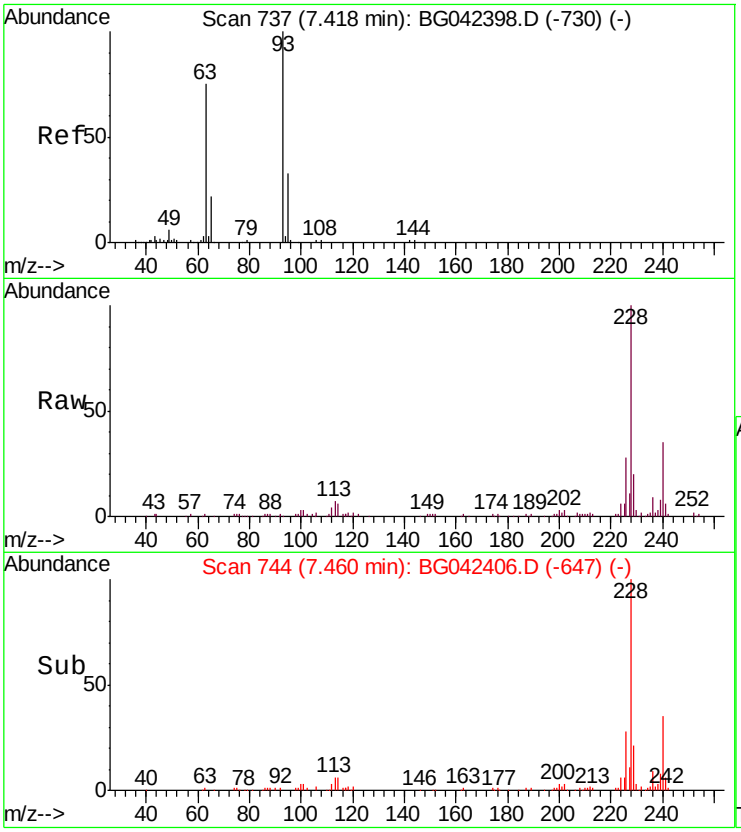


#10
Phenol
Concen: 11.470 ng
RT: 7.23 min Scan# 705
Delta R.T. 0.04 min
Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Tgt Ion: 94 Resp: 56

Ion	Ratio	Lower	Upper
94	100		
65	0.0	5.6	45.6#
66	0.0	16.0	56.0#



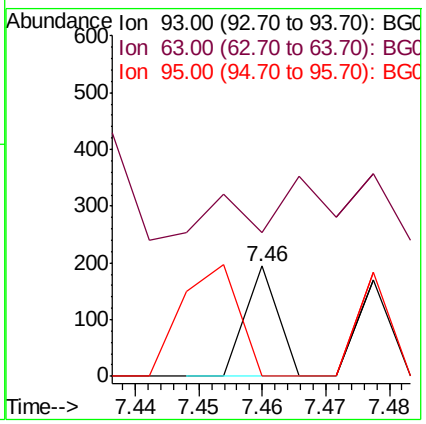


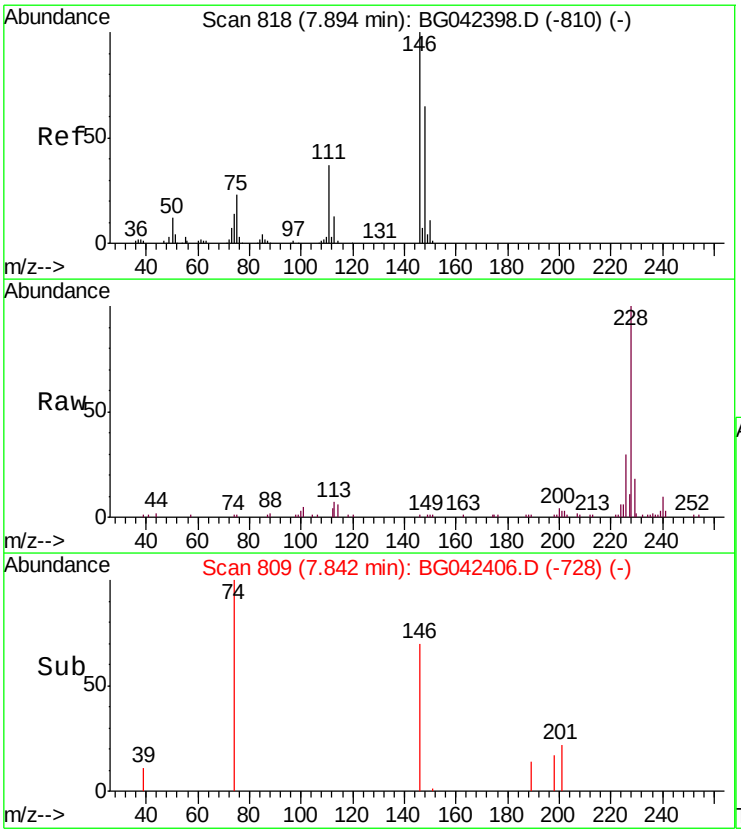
#11
bis(2-Chloroethyl)ether
Concen: 17.734 ng
RT: 7.46 min Scan# 744
Delta R.T. 0.04 min
Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Instrument :
BNA_G
ClientSampleId :
PB122408BS

Tgt Ion: 93 Resp: 68

Ion	Ratio	Lower	Upper
93	100		
63	130.9	53.8	93.8#
95	0.0	13.1	53.1#

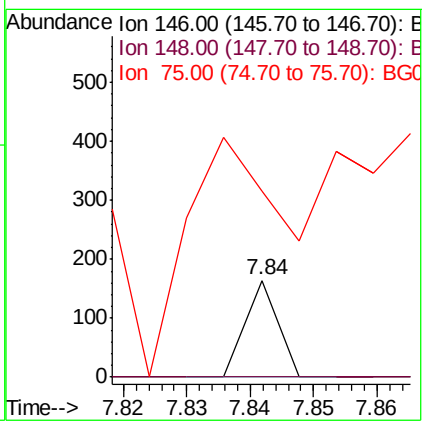


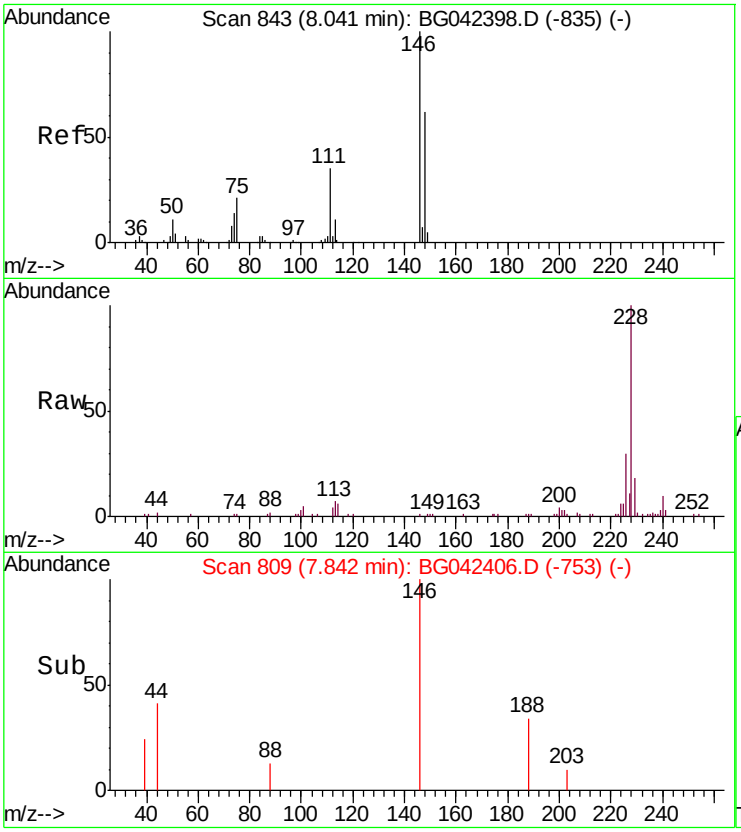


#12
1,3-Dichlorobenzene
Concen: 10.582 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.05 min
Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Tgt Ion:146 Resp: 58

Ion	Ratio	Lower	Upper
146	100		
148	0.0	52.2	78.2#
75	192.7	18.0	27.0#



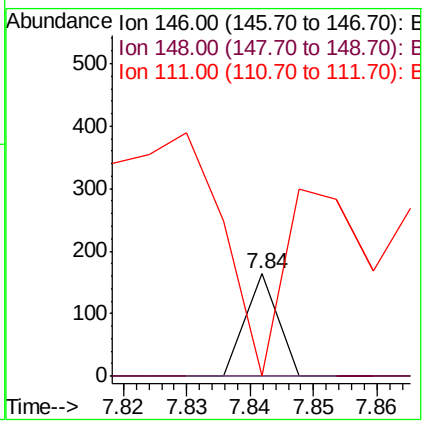


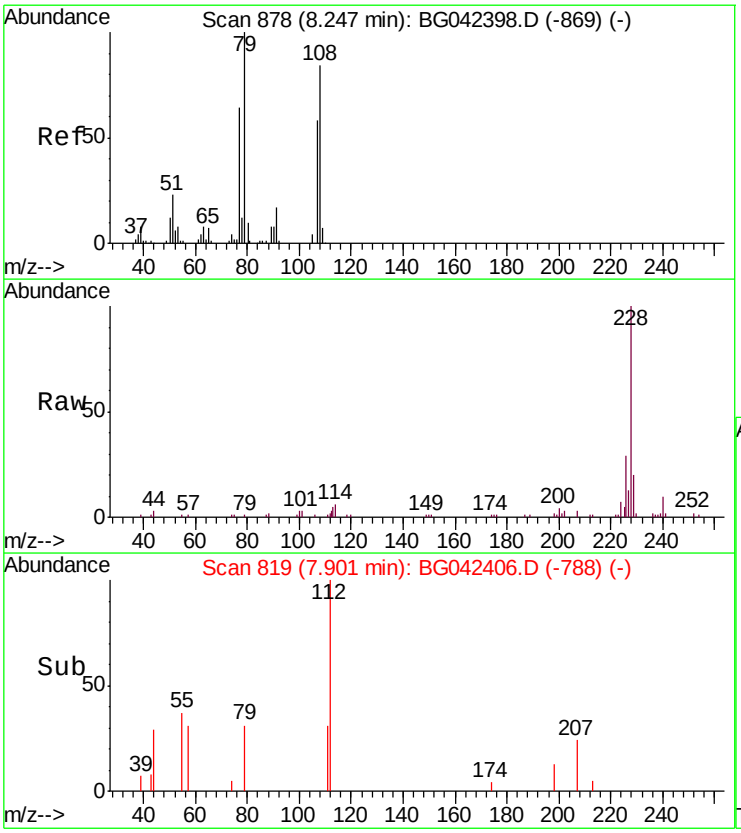
#13
1,4-Dichlorobenzene
Concen: 10.447 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.20 min
Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Instrument :
BNA_G
ClientSampleId :
PB122408BS

Tgt Ion:146 Resp: 58

Ion	Ratio	Lower	Upper
146	100		
148	0.0	49.5	74.3#
111	0.0	28.1	42.1#

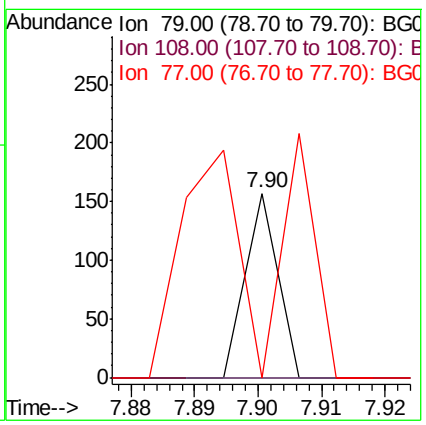


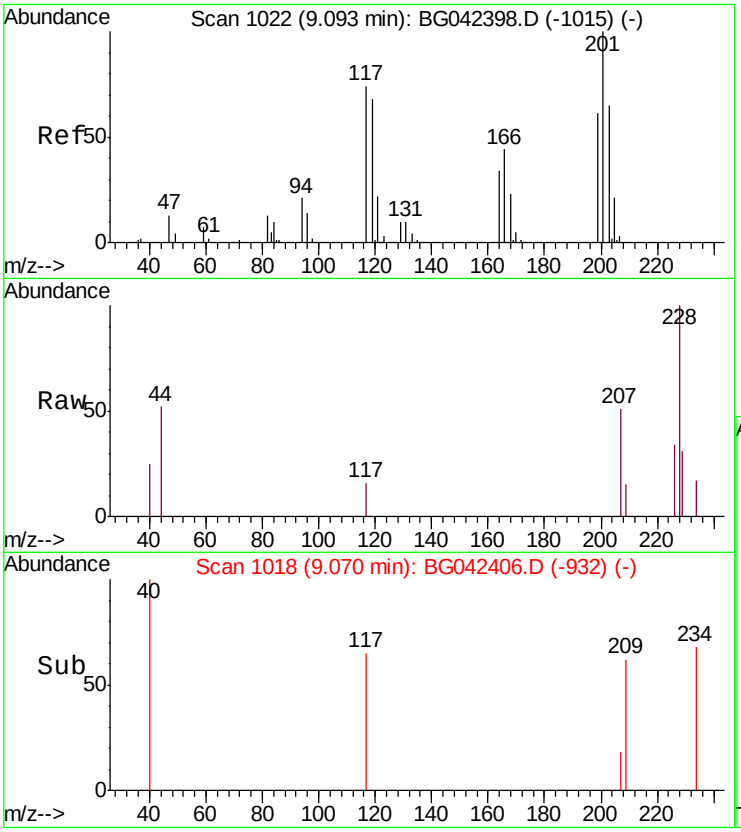


#15
Benzyl Alcohol
Concen: 15.920 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.35 min
Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Tgt Ion: 79 Resp: 55

Ion	Ratio	Lower	Upper
79	100		
108	0.0	67.4	101.2#
77	0.0	50.8	76.2#



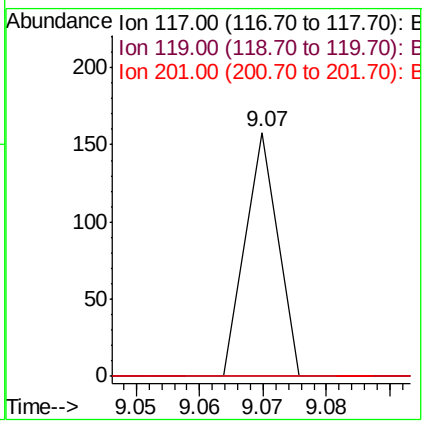


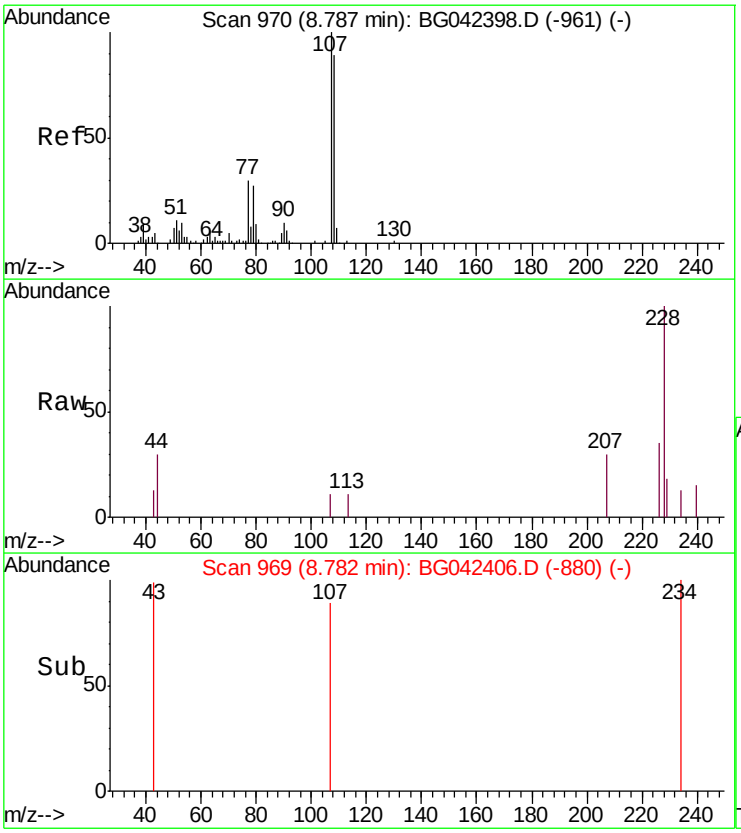
#18
Hexachloroethane
Concen: 29.464 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Instrument :
BNA_G
ClientSampleId :
PB122408BS

Tgt Ion:117 Resp: 56

Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.8	110.8#
201	0.0	108.3	162.5#

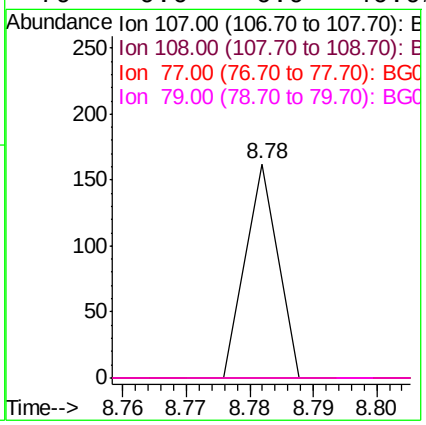


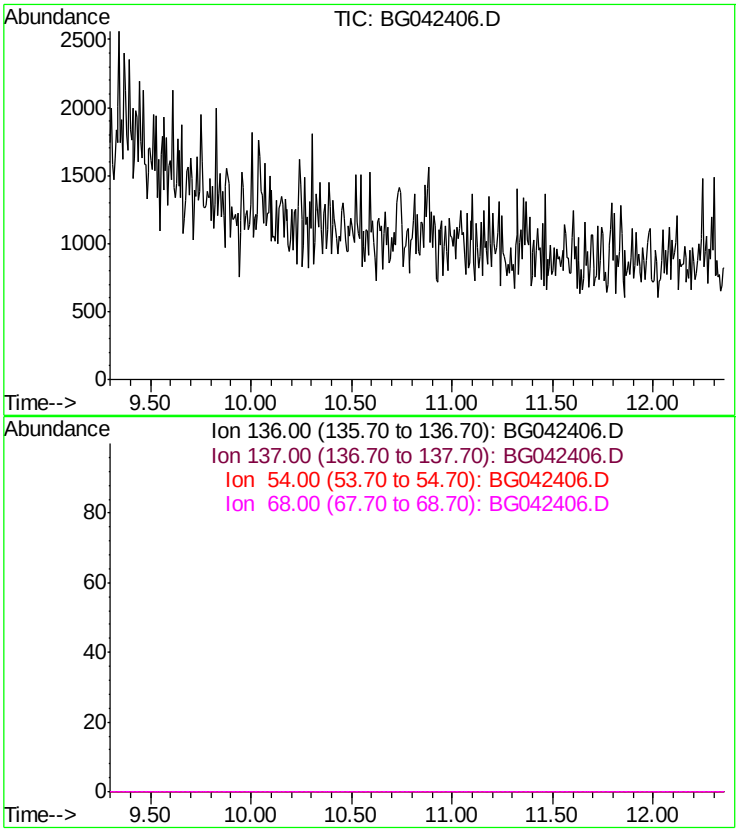


#20
3+4-Methylphenols
Concen: 11.454 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Tgt Ion:107 Resp: 57

Ion	Ratio	Lower	Upper
107	100		
108	0.0	68.7	108.7#
77	0.0	10.2	50.2#
79	0.0	6.9	46.9#





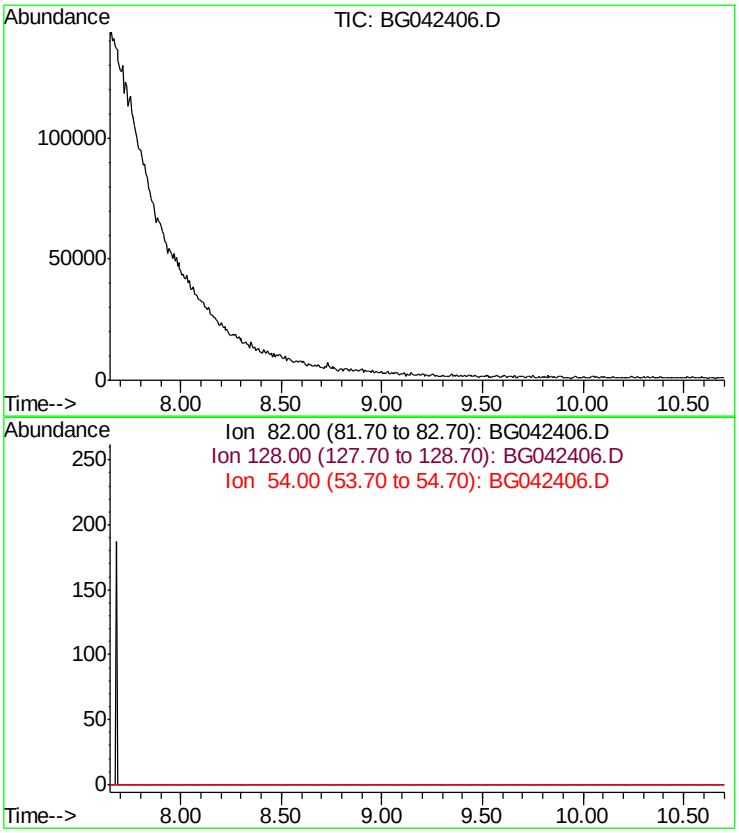
#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 10.83 min

Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	10.9
54	6.1
68	4.5

Instrument :
BNA_G
ClientSampleId :
PB122408BS

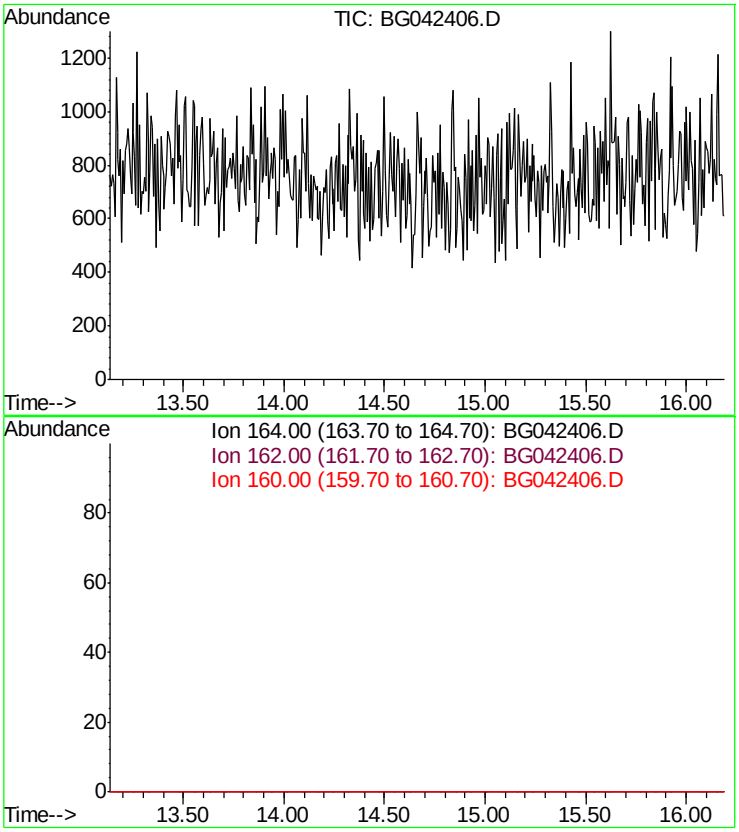


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.18 min

Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	50.9
54	45.4



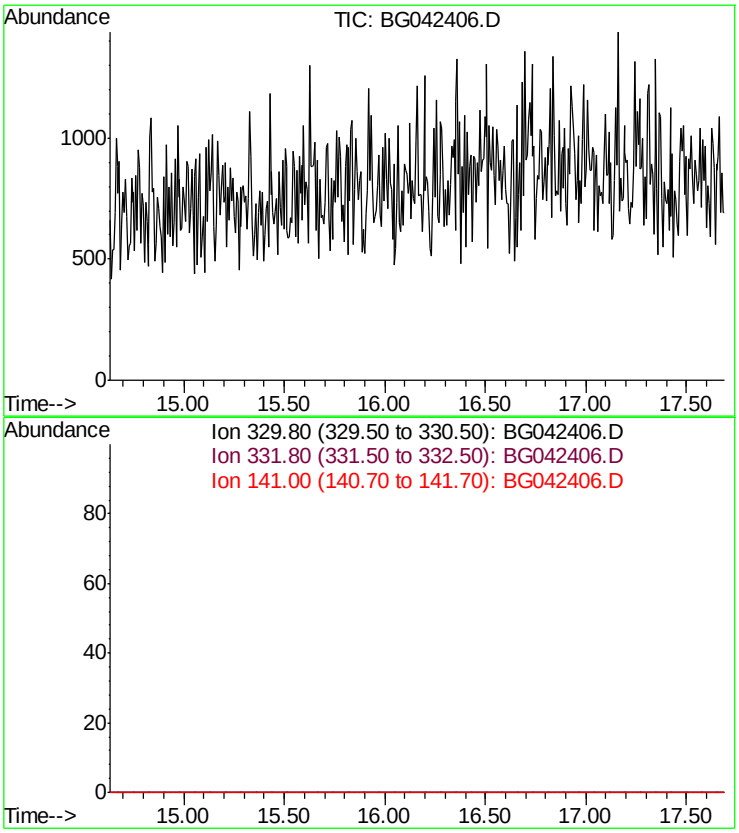
#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.66 min

Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Instrument :
BNA_G
ClientSampleId :
PB122408BS

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	99.9
160	42.9

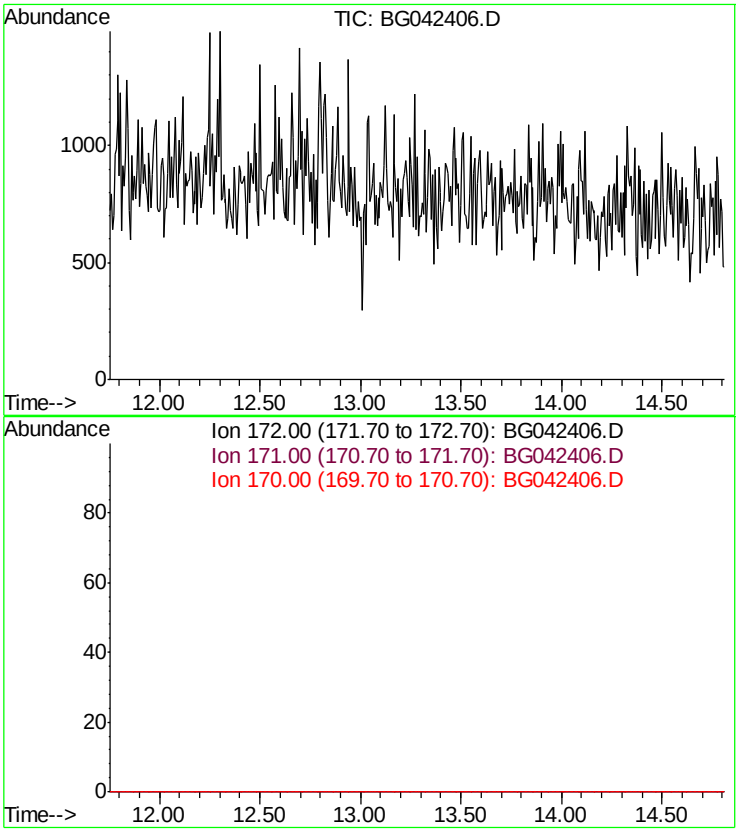


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.16 min

Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.7
141	26.7



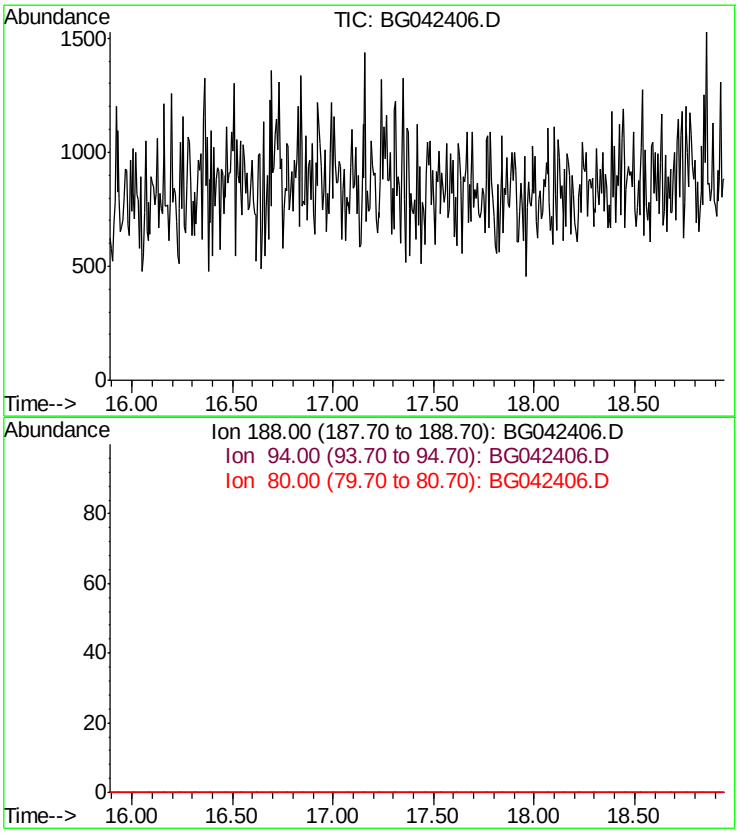
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.28 min

Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	38.1
170	25.2

Instrument :
BNA_G
ClientSampleId :
PB122408BS

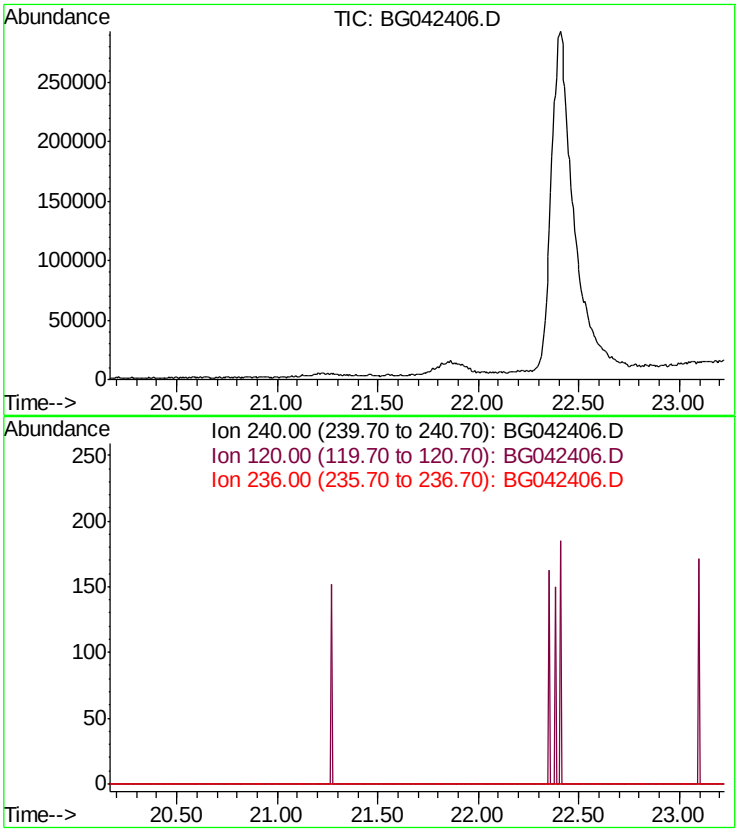


#64
Phenanthrene-d10
Concen: 0.000 ng
Expected RT: 17.42 min

Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Tgt Ion: 188

Sig	Exp Ratio
188	100
94	5.6
80	6.1



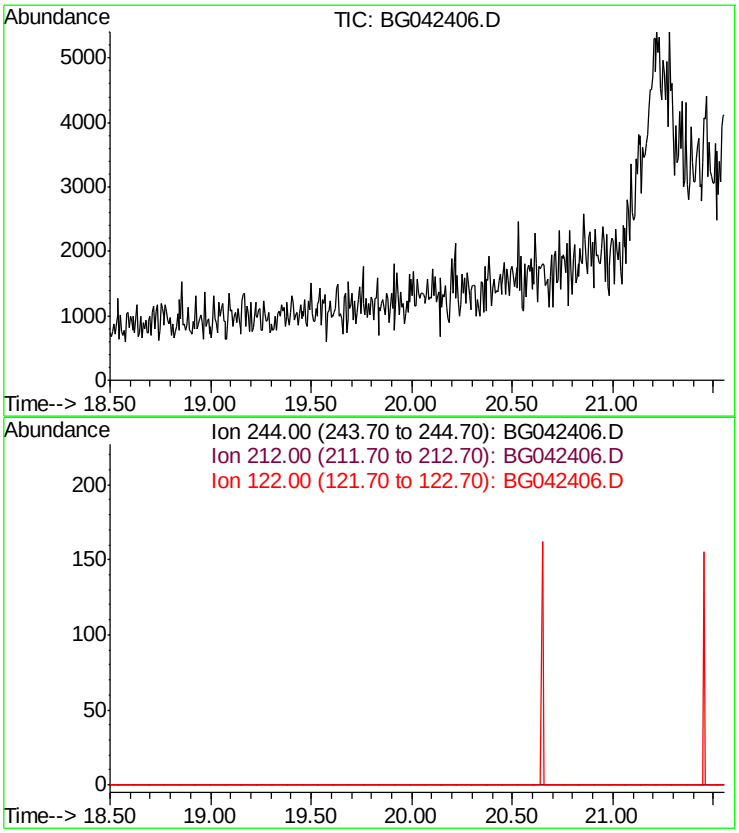
#76
Chrysene-d12
Concen: 0.000 ng
Expected RT: 21.70 min

Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Tgt Ion: 240

Sig	Exp Ratio
240	100
120	7.1
236	26.2

Instrument :
BNA_G
ClientSampleId :
PB122408BS

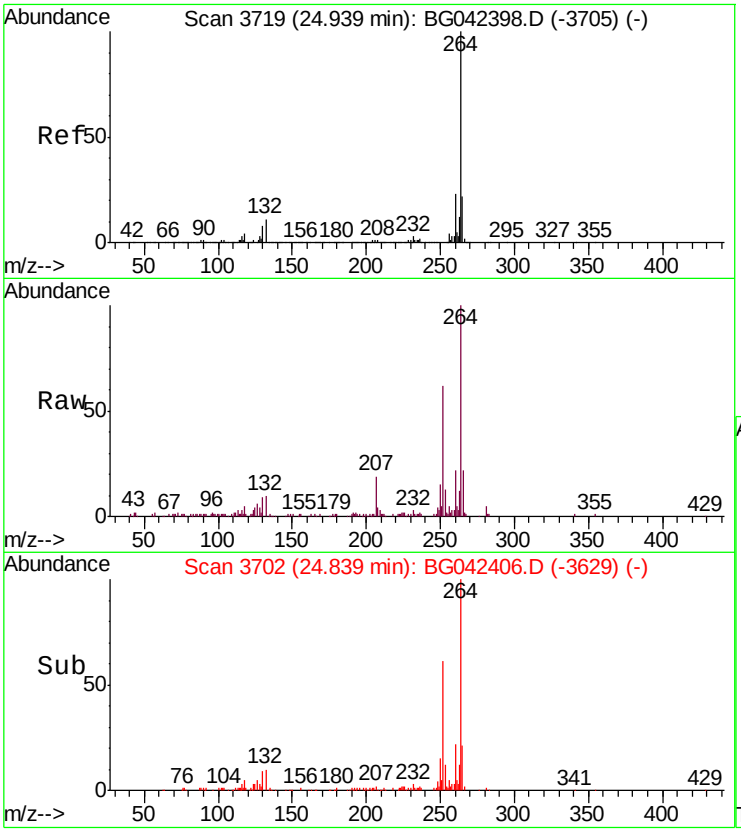


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 20.03 min

Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.5
122	8.4

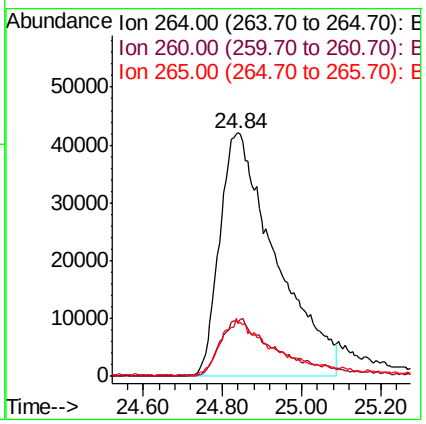


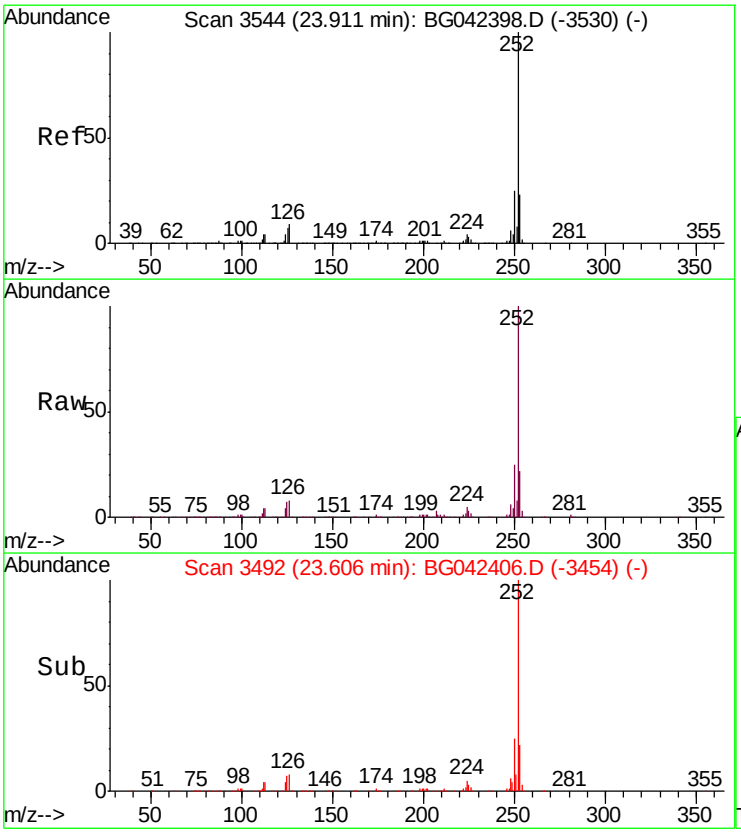
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.10 min
Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Instrument :
BNA_G
ClientSampleId :
PB122408BS

Tgt Ion:264 Resp: 414511

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.5	27.7
265	21.6	17.6	26.4

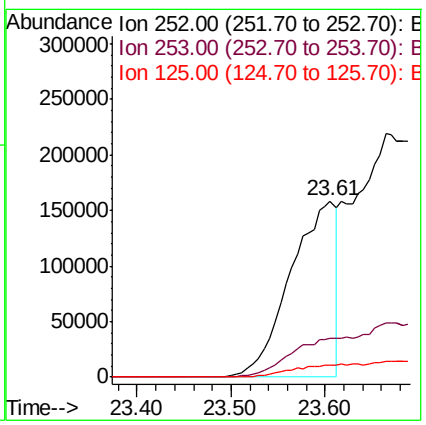


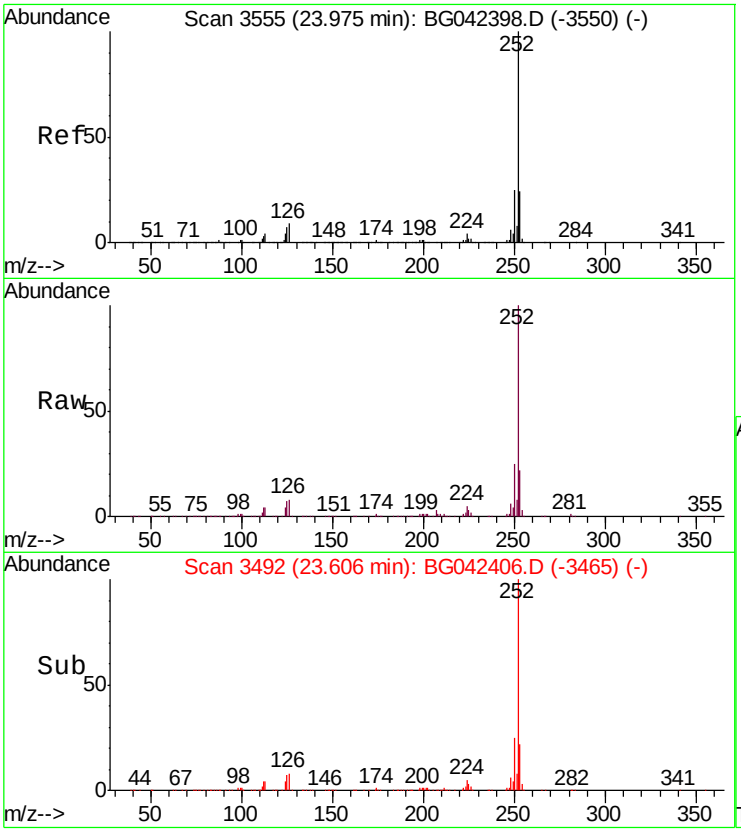


#88
Benzo(b)fluoranthene
Concen: 23.540 ng
RT: 23.61 min Scan# 3492
Delta R.T. -0.31 min
Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Tgt Ion:252 Resp: 536432

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.6	27.8
125	6.6	5.6	8.4



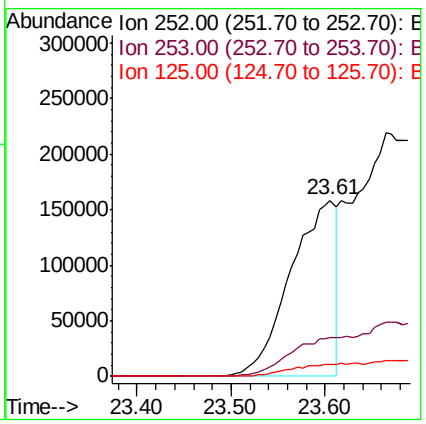


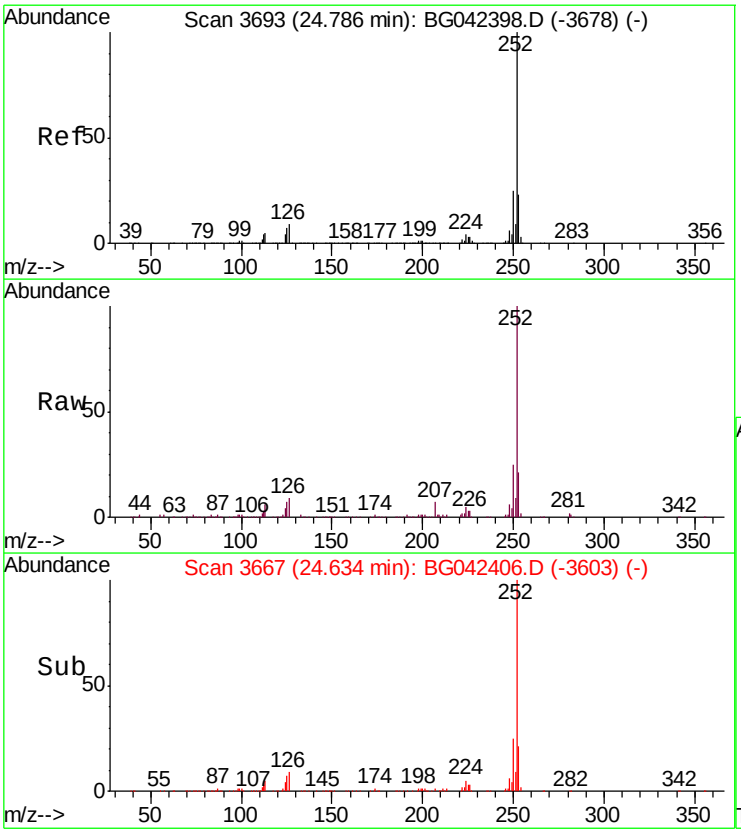
#89
Benzo(k)fluoranthene
Concen: 24.490 ng
RT: 23.61 min Scan# 3492
Delta R.T. -0.37 min
Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Instrument :
BNA_G
ClientSampleId :
PB122408BS

Tgt Ion:252 Resp: 536432

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.6	27.8
125	6.6	5.8	8.6

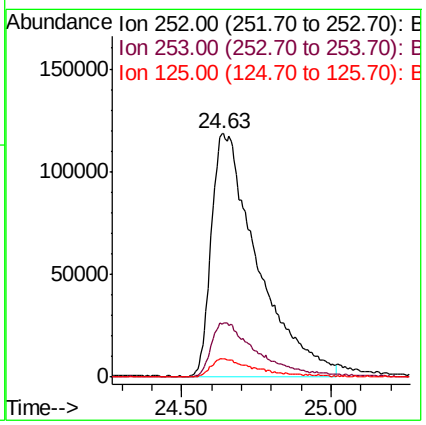


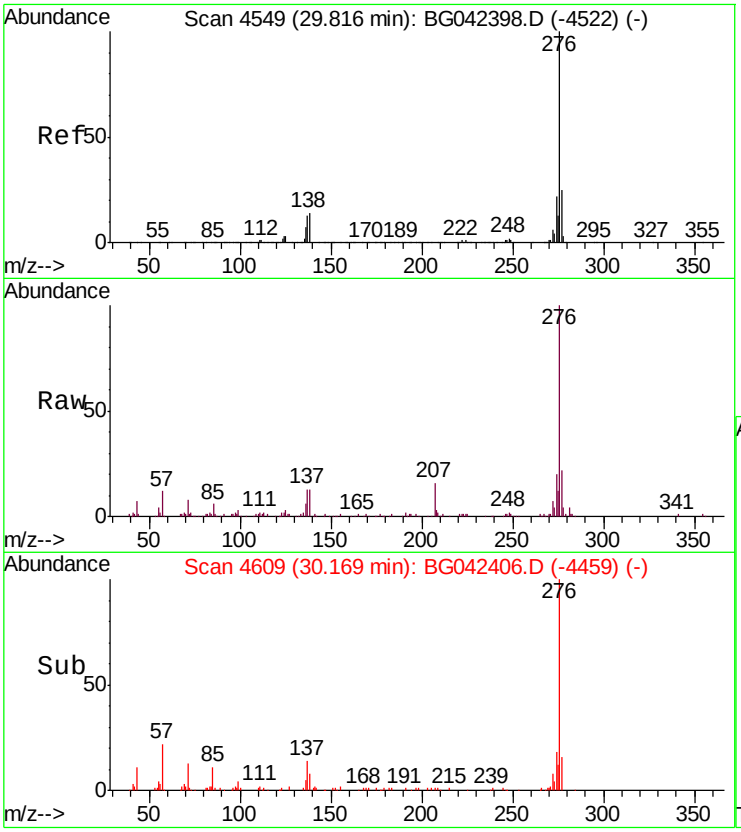


#90
Benzo(a)pyrene
Concen: 58.907 ng
RT: 24.63 min Scan# 3667
Delta R.T. -0.15 min
Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Tgt Ion:252 Resp: 1273819

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	7.4	6.0	9.0





#92
Benzo(g,h,i)perylene
Concen: 9.703 ng
RT: 30.17 min Scan# 4609
Delta R.T. 0.35 min
Lab File: BG042406.D
Acq: 22 Aug 2019 18:16

Instrument :
BNA_G
ClientSampleId :
PB122408BS

Tgt Ion:276 Resp: 212473

Ion	Ratio	Lower	Upper
276	100		
277	22.3	19.8	29.8
138	12.9	11.4	17.0