Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012919\
Data File : BG039321.D
Acq On : 29 Jan 2019 17:43
Operator : JU/SJ
Sample : K1016-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-012819

Quant Time: Jan 30 01:32:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	36793	20.00	ng		0.00
21) Naphthalene-d8	11.01	136	155031	20.00	ng		0.00
39) Acenaphthene-d10	14.81	164	99327	20.00	ng		0.00
64) Phenanthrene-d10	17.55	188	254545	20.00	ng		0.00
76) Chrysene-d12	21.84	240	274962	20.00	ng		0.00
87) Perylene-d12	25.24	264	269855	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	314587	146.34	ng		0.00
7) Phenol-d6	7.32	99	420515	132.89	ng		0.00
23) Nitrobenzene-d5	9.36	82	278955	112.41	ng		0.00
42) 2,4,6-Tribromophenol	16.29	330	170223	159.15	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	680114	98.23	ng		0.00
79) Terphenyl-d14	20.15	244	1189875	91.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	116	0.123	ng	#	10
3) Pyridine	4.00	79	55	0.022	ng	#	1
4) n-Nitrosodimethylamine	3.93	42	566	0.455	ng	#	1
6) Aniline	7.70	93	643	0.162	ng	#	1
8) 2-Chlorophenol	7.75	128	79	0.034	ng	#	29
9) Benzaldehyde	7.32	77	976	Below Cal		#	53
10) Phenol	7.70	94	1008	0.306	ng	#	1
11) bis(2-Chloroethyl)ether	7.70	93	643	0.247	ng	#	1
12) 1,3-Dichlorobenzene	8.52	146	65	0.023	ng	#	1
13) 1,4-Dichlorobenzene	8.52	146	65	0.023	ng	#	1
14) 1,2-Dichlorobenzene	8.52	146	65	0.024	ng	#	1
15) Benzyl Alcohol	8.51	79	4519	1.819	ng	#	44
16) 2,2'-oxybis(1-Chloropropan	8.69	45	388	0.066	ng		75
18) Hexachloroethane	8.96	117	57	0.058	ng	#	1
19) n-Nitroso-di-n-propylamine	9.36	70	37415	16.659	ng	#	75
22) Acetophenone	9.01	105	63	0.015	ng	#	44
24) Nitrobenzene	9.43	77	61	0.023	ng	#	41
25) Isophorone	9.53	82	140	0.025	ng	#	67
27) 2,4-Dimethylphenol	10.25	122	73	0.033	ng	#	3
29) 2,4-Dichlorophenol	10.18	162	62	0.026	ng	#	23
31) Naphthalene	11.06	128	1294	0.168	ng	#	64
32) Benzoic acid	10.25	122	73	9.062	ng	#	1
33) 4-Chloroaniline	11.06	127	257	0.072	ng	#	43
36) 4-Chloro-3-methylphenol	11.79	107	61	0.022	ng	#	21
37) 2-Methylnaphthalene	12.65	142	352	0.062	ng	#	76
38) 1-Methylnaphthalene	12.86	142	79	0.014	ng	#	7
46) 1,1'-Biphenyl	13.64	154	1061	0.128	ng		76
48) 2-Nitroaniline	13.93	65	54	8.321	ng	#	10
49) Acenaphthylene	14.87	152	72	0.008	ng	#	1
51) 2,6-Dinitrotoluene	14.81	165	12651	13.844	ng	#	24
52) Acenaphthene	14.88	154	63	0.010	ng	#	65
53) 3-Nitroaniline	14.44	138	59	5.825	ng	#	1
55) Dibenzofuran	15.21	168	73	0.007	ng	#	45
57) 2,4-Dinitrotoluene	14.81	165	12651	13.339	ng	#	19

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012919\
Data File : BG039321.D
Acq On : 29 Jan 2019 17:43
Operator : JU/SJ
Sample : K1016-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-012819

Quant Time: Jan 30 01:32:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
58) Fluorene	16.29	166	8701	1.195	ng	#	88
60) Diethylphthalate	15.61	149	124	0.015	ng	#	58
62) 4-Nitroaniline	16.04	138	55	4.232	ng	#	10
63) Azobenzene	16.12	77	67	0.008	ng	#	47
65) 4,6-Dinitro-2-methylphenol	16.30	198	756	5.127	ng	#	70
66) n-Nitrosodiphenylamine	16.29	169	7705	0.995	ng	#	50
67) 4-Bromophenyl-phenylether	16.29	248	13263	4.697	ng	#	1
69) Atrazine	17.27	200	55	0.019	ng	#	35
71) Phenanthrene	17.59	178	588	0.045	ng	#	59
72) Anthracene	17.59	178	588	0.045	ng	#	60
73) Carbazole	17.96	167	356	0.027	ng	#	57
74) Di-n-butylphthalate	18.49	149	489	0.032	ng	#	77
75) Fluoranthene	19.59	202	213	0.014	ng		63
77) Benzidine	20.15	184	22079	2.449	ng	#	92
78) Pyrene	19.95	202	178	0.010	ng	#	55
80) Butylbenzylphthalate	20.83	149	424	0.059	ng	#	22
81) Benzo(a)anthracene	21.83	228	593	0.036	ng	#	50
82) 3,3'-Dichlorobenzidine	21.73	252	209	0.035	ng	#	26
83) Chrysene	21.83	228	593	0.038	ng	#	48
84) Bis(2-ethylhexyl)phthalate	21.71	149	1401	0.136	ng	#	52
85) Di-n-octyl phthalate	23.04	149	438	0.026	ng	#	71
88) Benzo(b)fluoranthene	24.15	252	59	0.004	ng	#	1
89) Benzo(k)fluoranthene	24.24	252	60	0.004	ng	#	59
90) Benzo(a)pyrene	25.05	252	61	0.004	ng	#	59

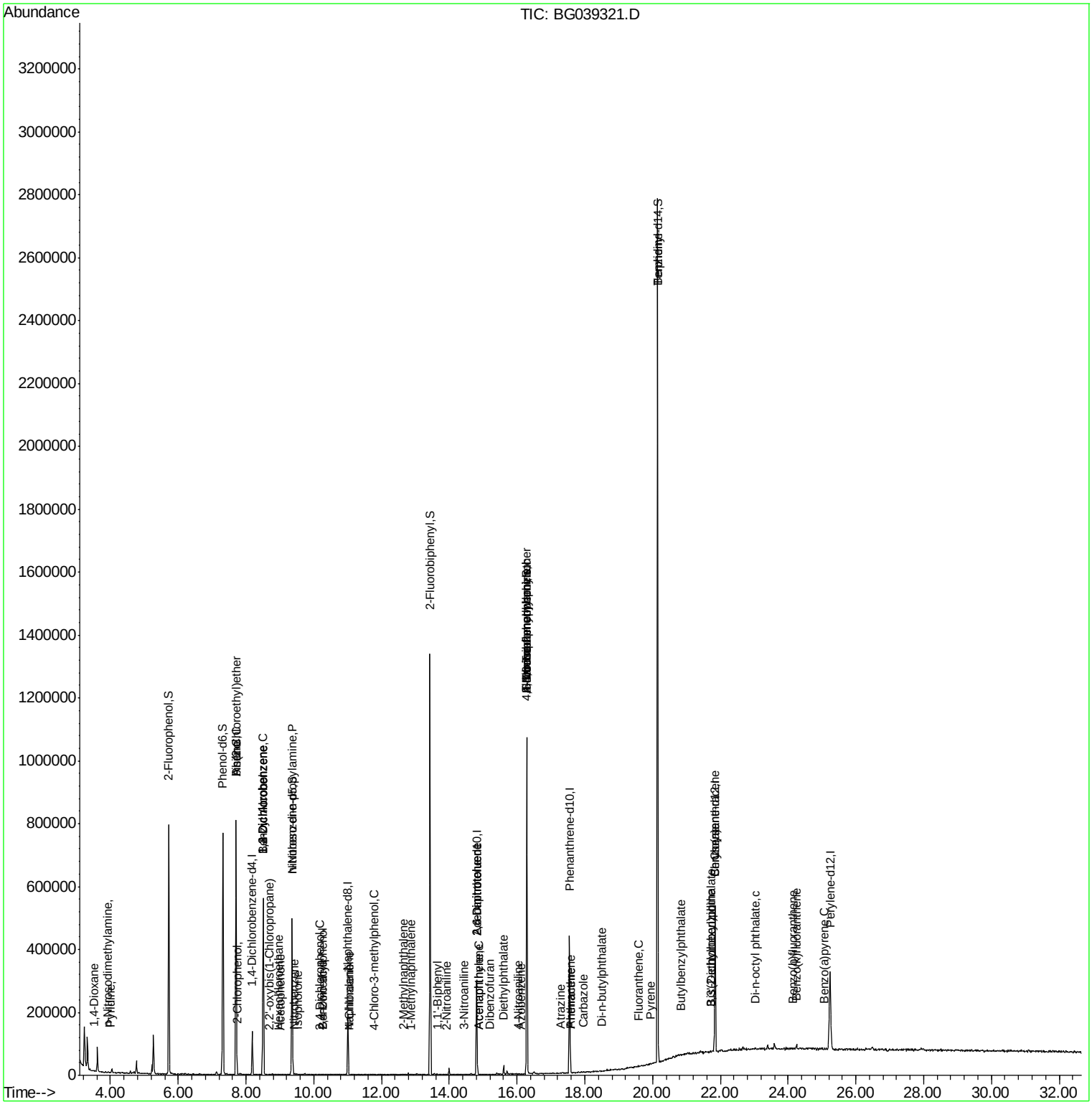
(#) = qualifier out of range (m) = manual integration (+) = signals summed

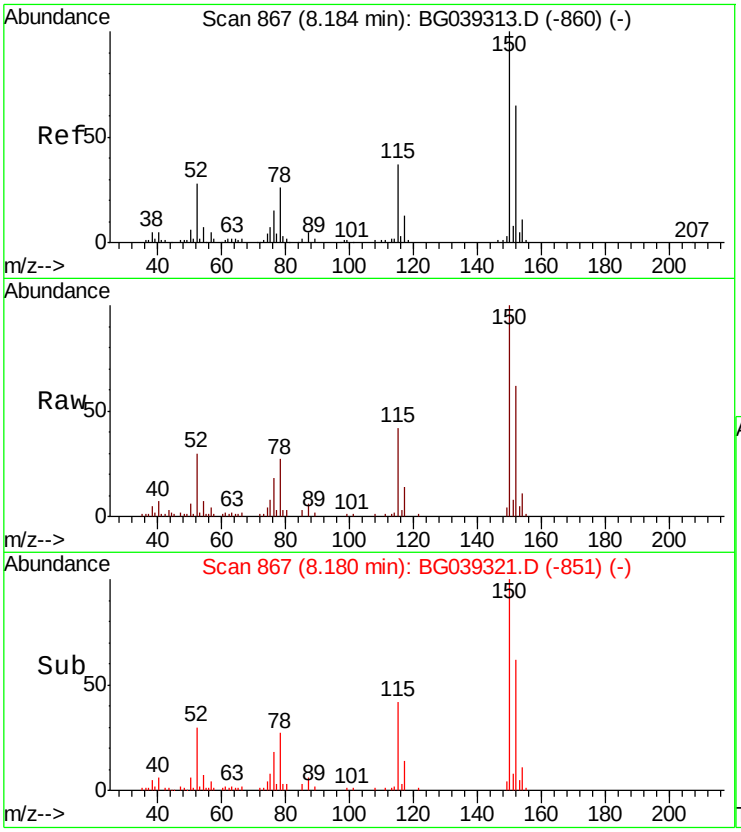
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012919\
Data File : BG039321.D
Acq On : 29 Jan 2019 17:43
Operator : JU/SJ
Sample : K1016-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Quant Time: Jan 30 01:32:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration



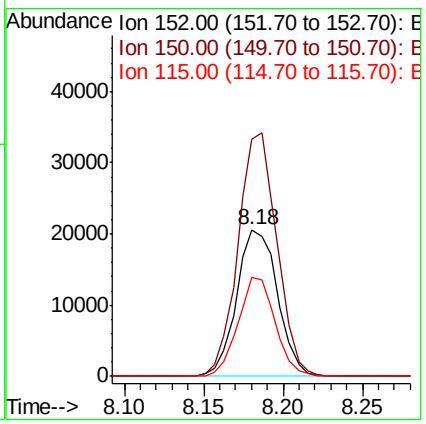


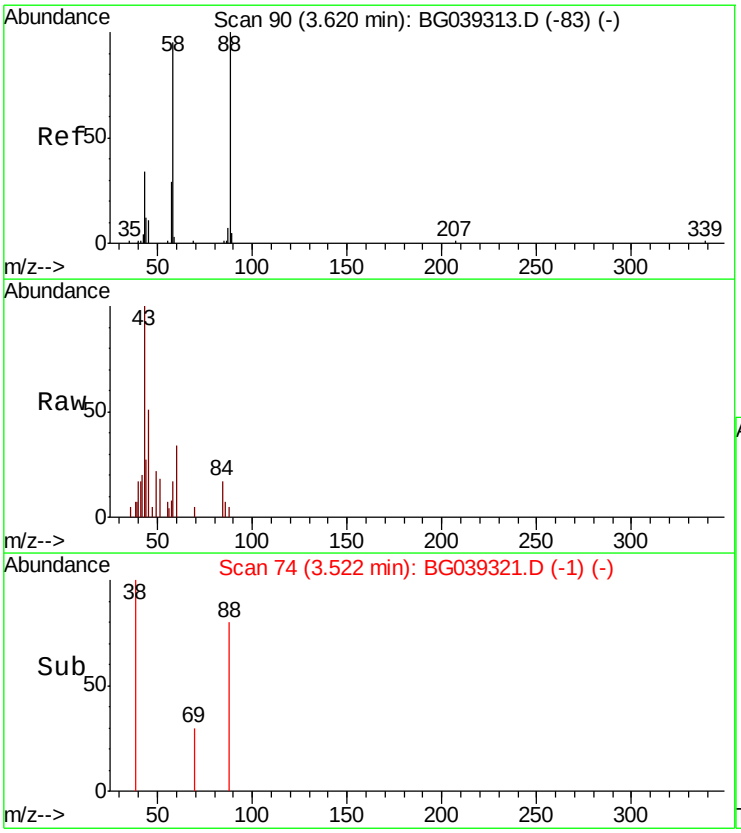
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:152 Resp: 36793

Ion	Ratio	Lower	Upper
152	100		
150	161.5	123.7	185.5
115	67.8	45.9	68.9

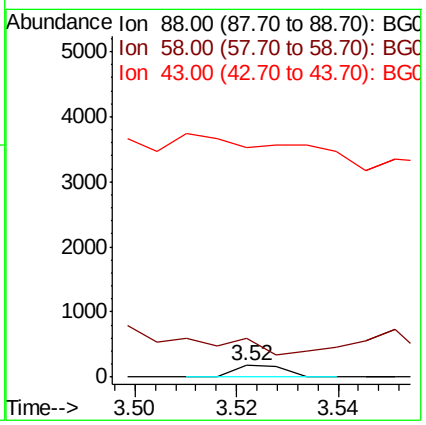


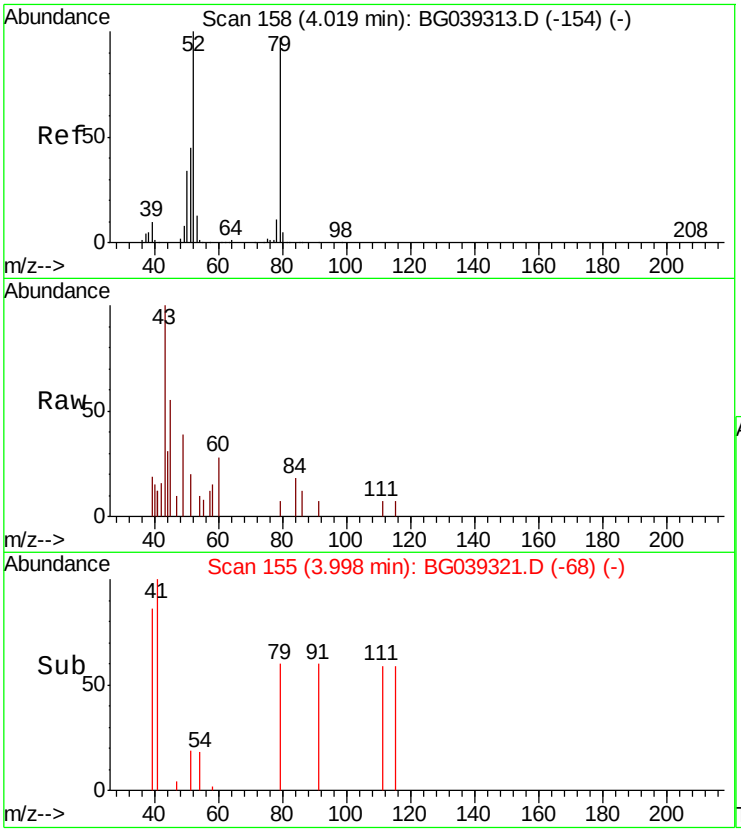


#2
1,4-Dioxane
Concen: 0.123 ng
RT: 3.52 min Scan# 74
Delta R.T. -0.10 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion: 88 Resp: 116

Ion	Ratio	Lower	Upper
88	100		
58	0.0	81.1	121.7#
43	0.0	31.4	47.0#



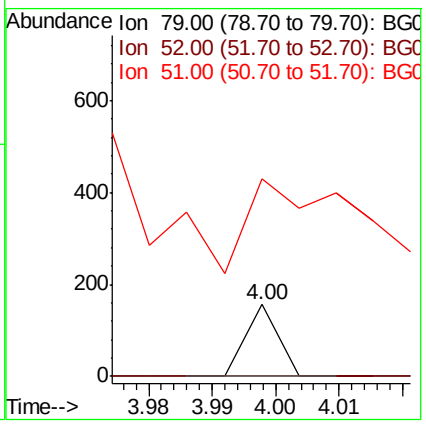


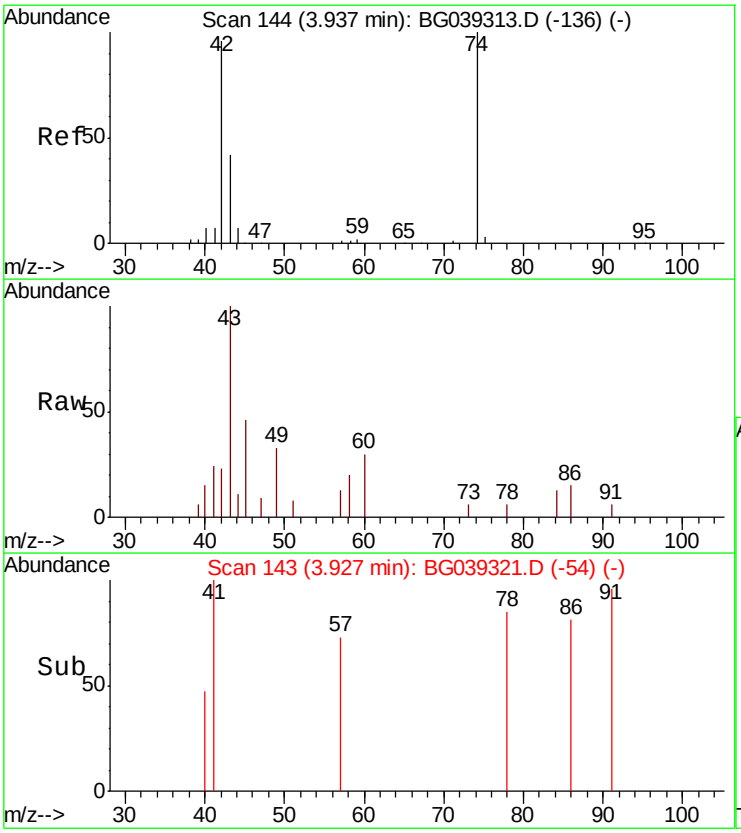
#3
Pyridine
Concen: 0.022 ng
RT: 4.00 min Scan# 155
Delta R.T. -0.02 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion: 79 Resp: 55

Ion	Ratio	Lower	Upper
79	100		
52	0.0	82.6	124.0#
51	275.0	37.5	56.3#

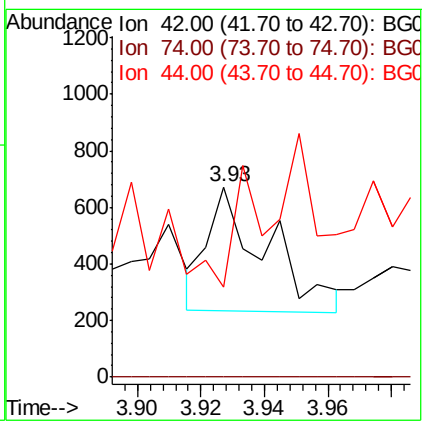


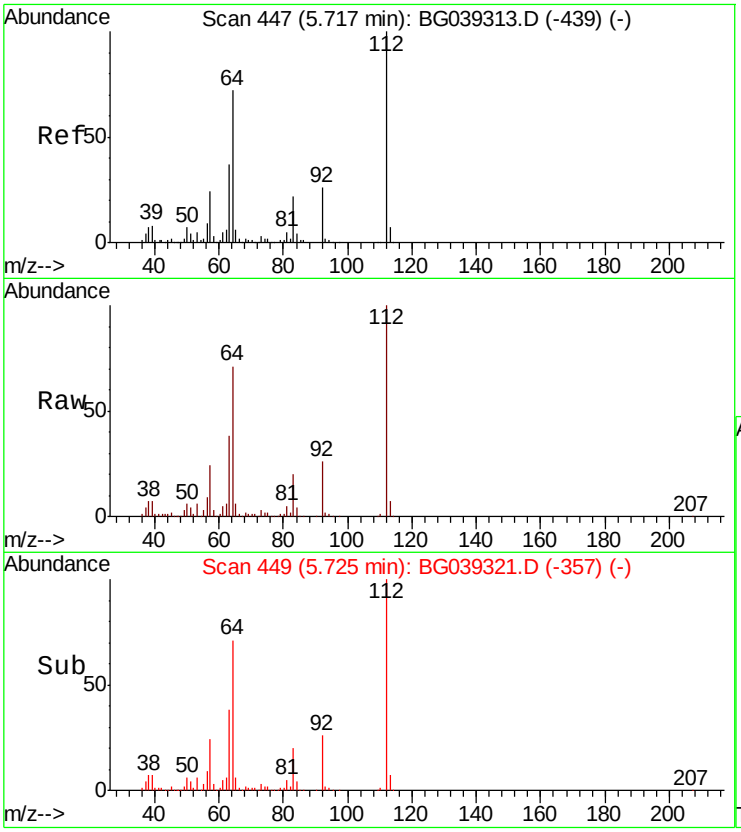


#4
n-Nitrosodimethylamine
Concen: 0.455 ng
RT: 3.93 min Scan# 143
Delta R.T. -0.01 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion: 42 Resp: 566

Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.6	125.4#
44	47.5	6.9	10.3#



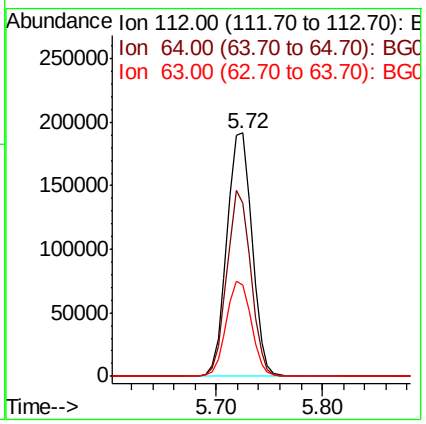


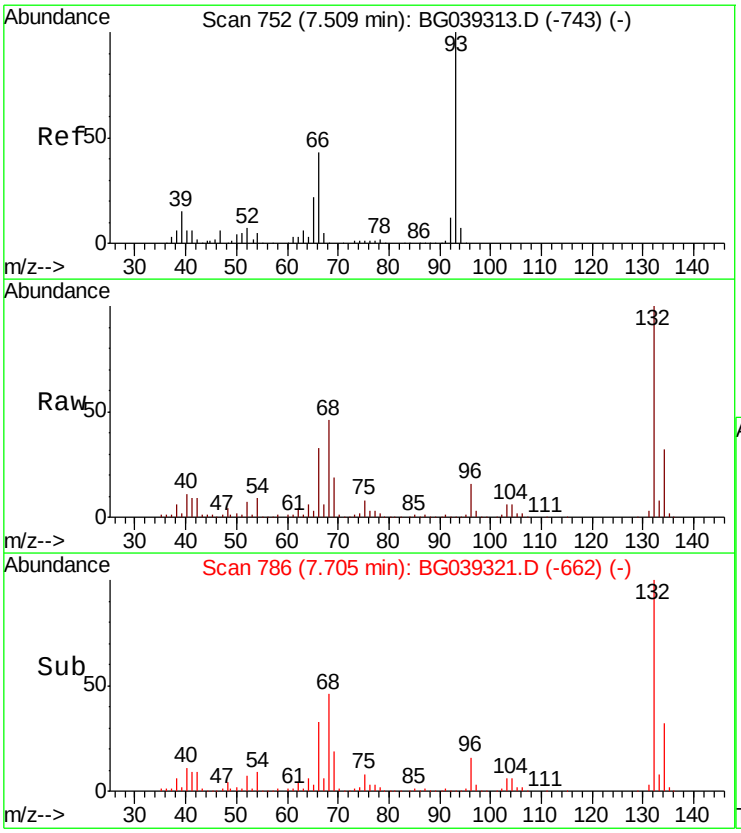
#5
2-Fluorophenol
Concen: 146.337 ng
RT: 5.72 min Scan# 449
Delta R.T. 0.01 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:112 Resp: 314587

Ion	Ratio	Lower	Upper
112	100		
64	71.4	57.8	86.8
63	37.8	29.8	44.6

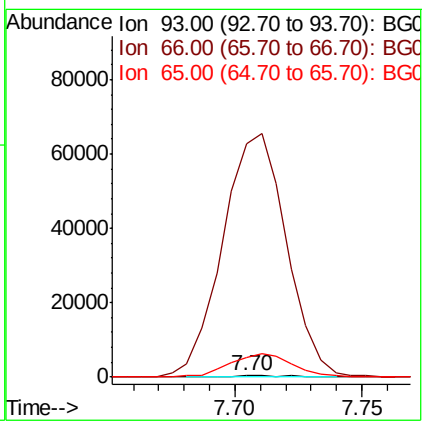


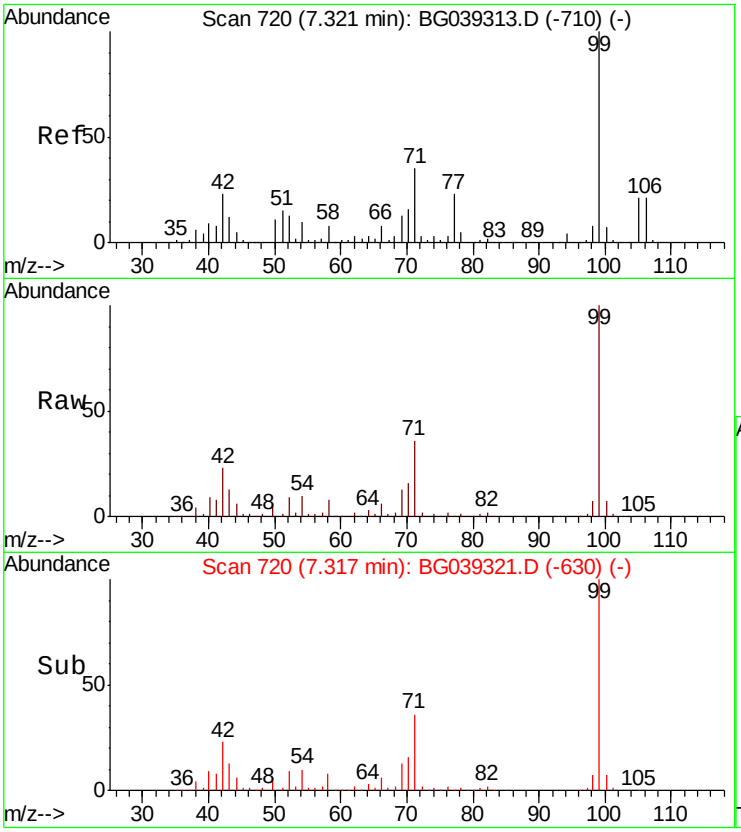


#6
Aniline
Concen: 0.162 ng
RT: 7.70 min Scan# 786
Delta R.T. 0.20 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion: 93 Resp: 643

Ion	Ratio	Lower	Upper
93	100		
66	16894.6	34.2	51.4#
65	1420.2	17.7	26.5#



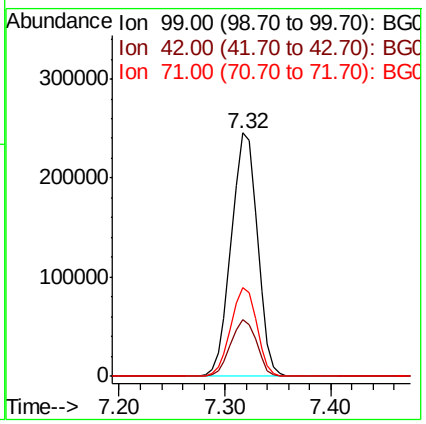


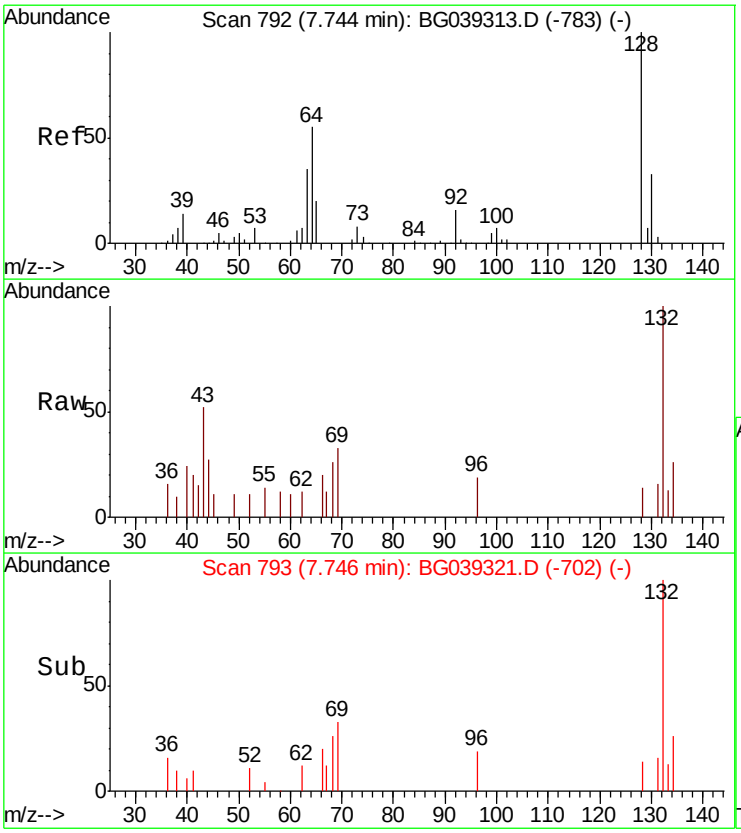
#7
Phenol-d6
Concen: 132.891 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion: 99 Resp: 420515

Ion	Ratio	Lower	Upper
99	100		
42	23.1	18.2	27.2
71	36.3	28.0	42.0

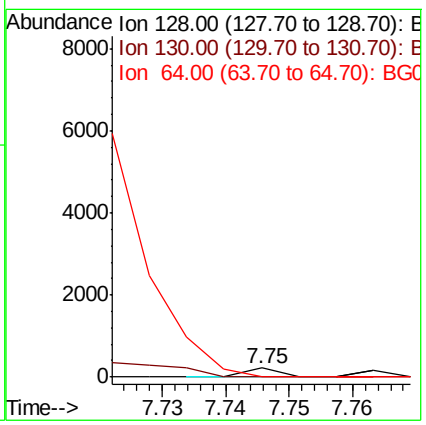


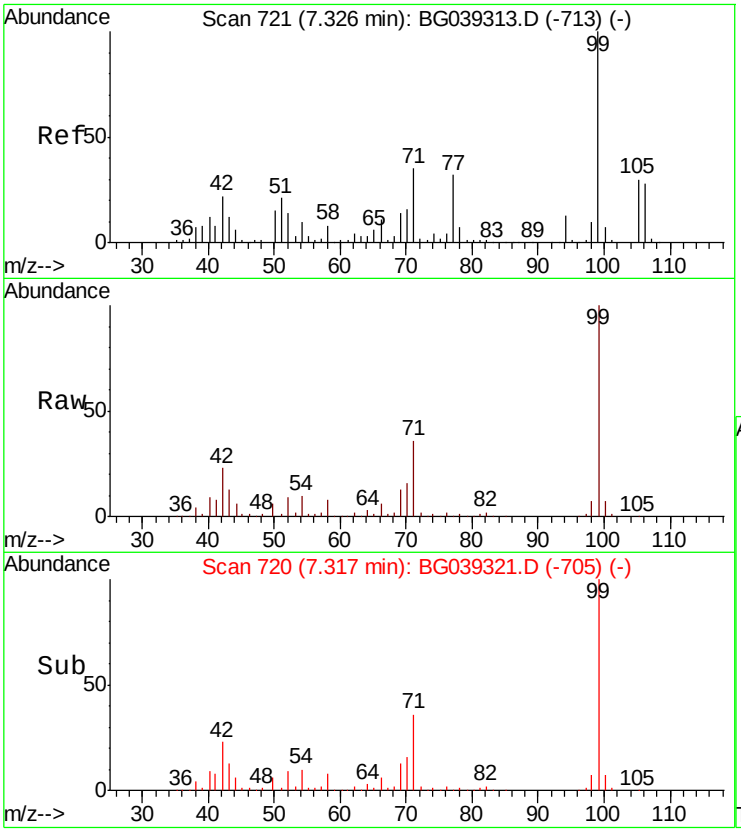


#8
2-Chlorophenol
Concen: 0.034 ng
RT: 7.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:128 Resp: 79

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.9	52.9#
64	0.0	38.7	78.7#



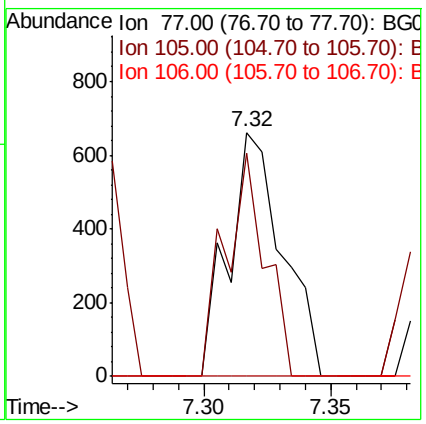


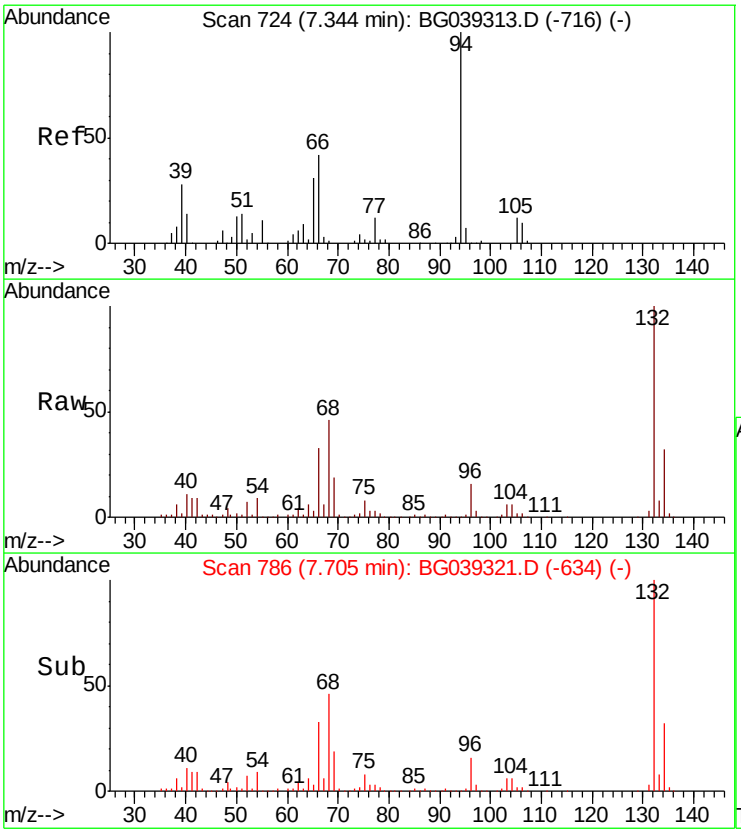
#9
Benzaldehyde
Concen: Below Cal
RT: 7.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion: 77 Resp: 976

Ion	Ratio	Lower	Upper
77	100		
105	91.8	74.5	114.5
106	0.0	68.0	108.0#

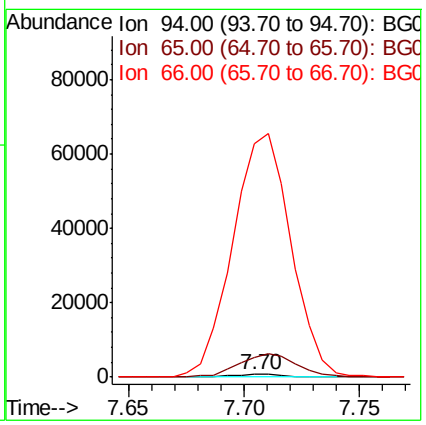


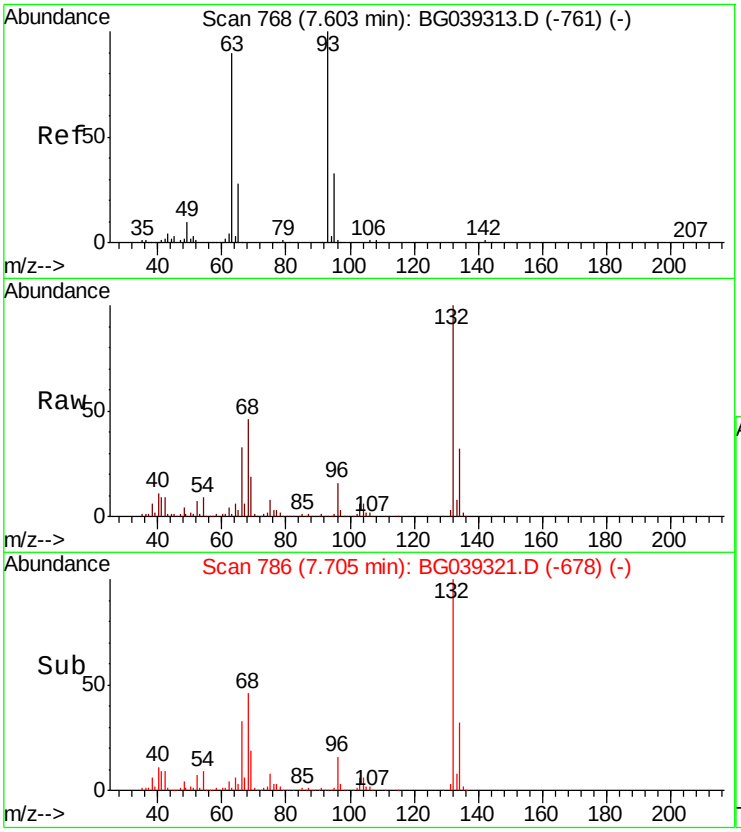


#10
Phenol
Concen: 0.306 ng
RT: 7.70 min Scan# 786
Delta R.T. 0.36 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion: 94 Resp: 1008

Ion	Ratio	Lower	Upper
94	100		
65	782.7	11.7	51.7#
66	9310.8	23.7	63.7#



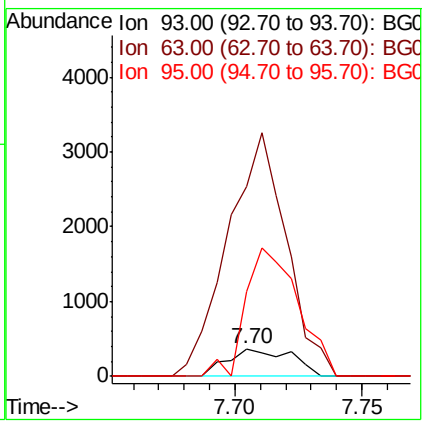


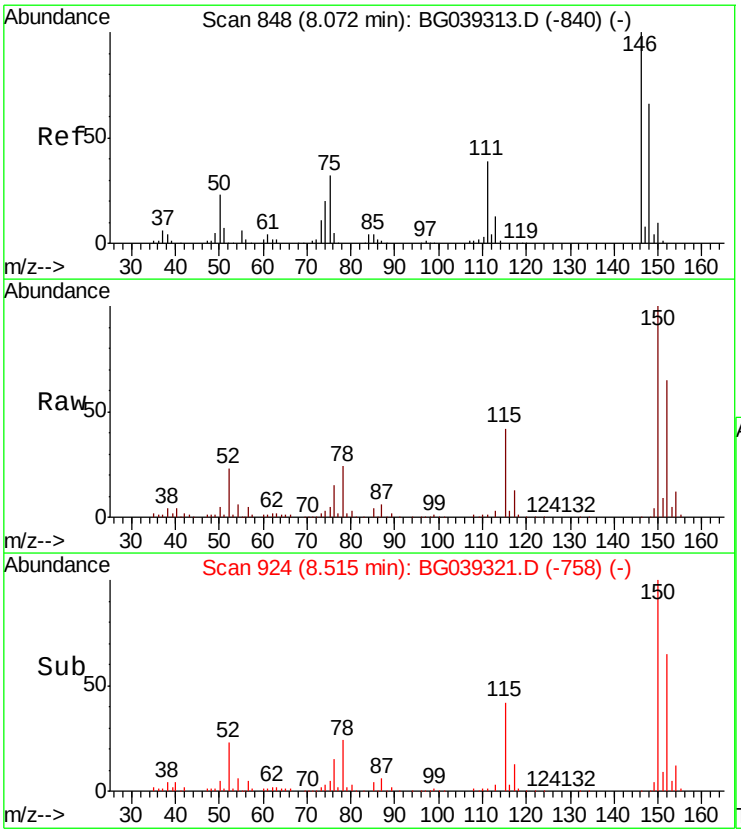
#11
bis(2-Chloroethyl)ether
Concen: 0.247 ng
RT: 7.70 min Scan# 786
Delta R.T. 0.10 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion: 93 Resp: 643

Ion	Ratio	Lower	Upper
93	100		
63	683.3	69.5	109.5#
95	305.6	12.7	52.7#

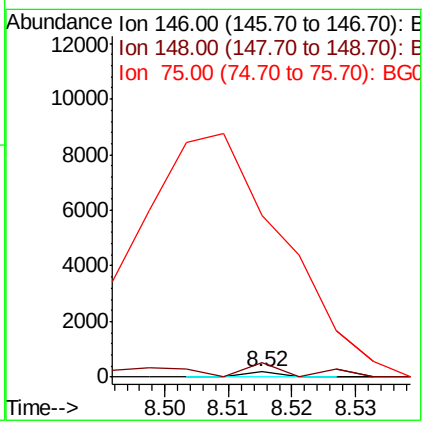


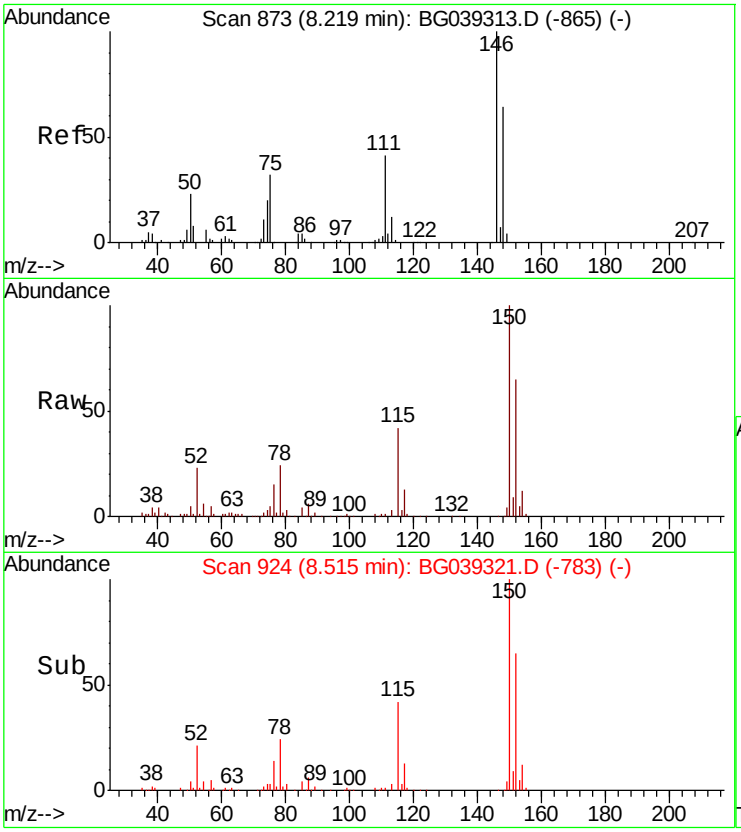


#12
1,3-Dichlorobenzene
Concen: 0.023 ng
RT: 8.52 min Scan# 924
Delta R.T. 0.44 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:146 Resp: 65

Ion	Ratio	Lower	Upper
146	100		
148	277.0	52.6	79.0#
75	3188.0	25.8	38.6#



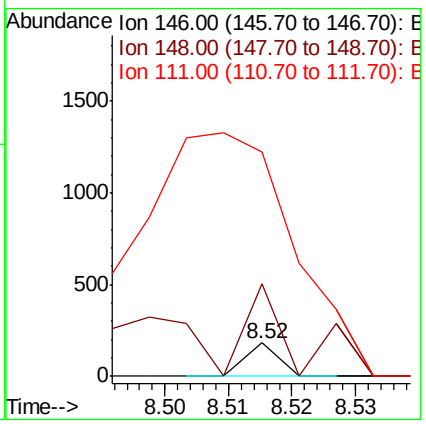


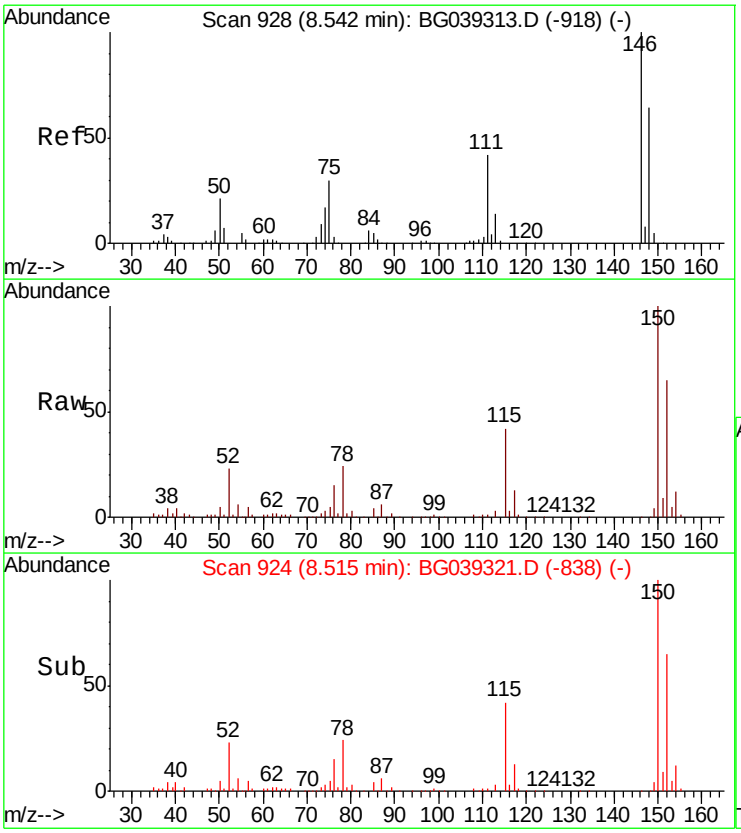
#13
1,4-Dichlorobenzene
Concen: 0.023 ng
RT: 8.52 min Scan# 924
Delta R.T. 0.30 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:146 Resp: 65

Ion	Ratio	Lower	Upper
146	100		
148	277.0	51.1	76.7#
111	668.9	32.6	48.8#

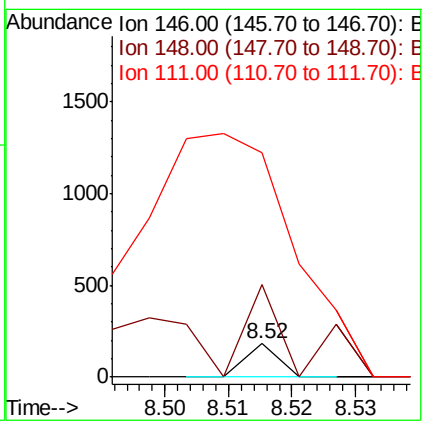


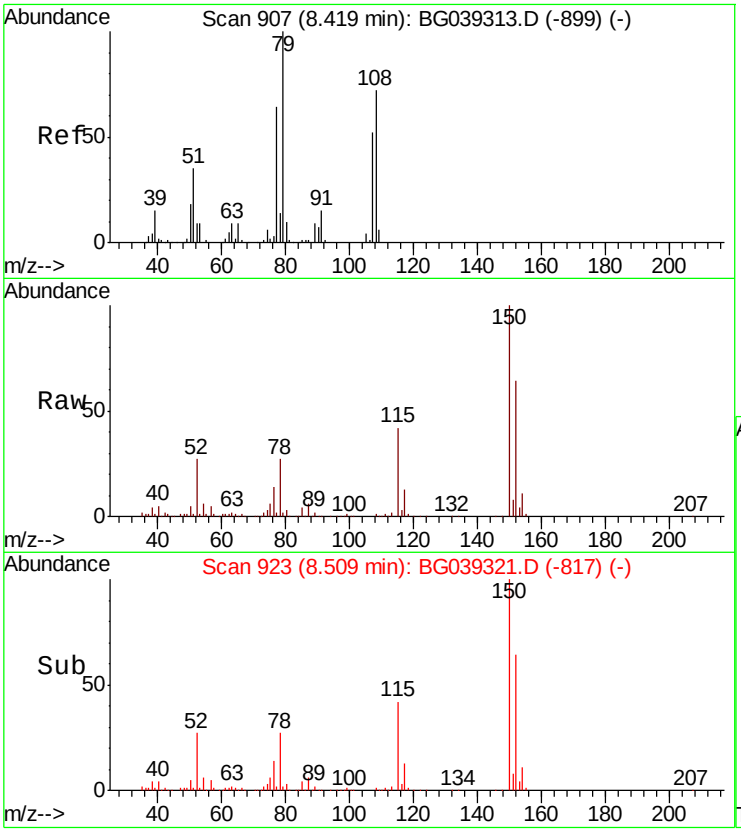


#14
1,2-Dichlorobenzene
Concen: 0.024 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.03 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:146 Resp: 65

Ion	Ratio	Lower	Upper
146	100		
148	277.0	51.5	77.3#
111	668.9	33.8	50.6#



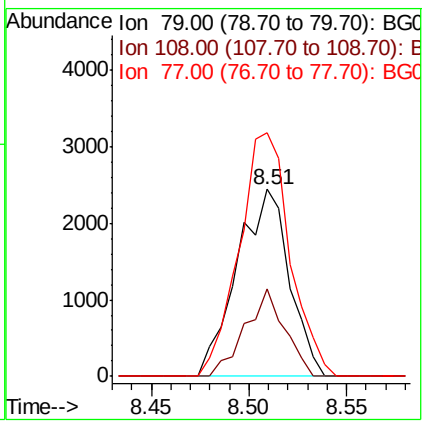


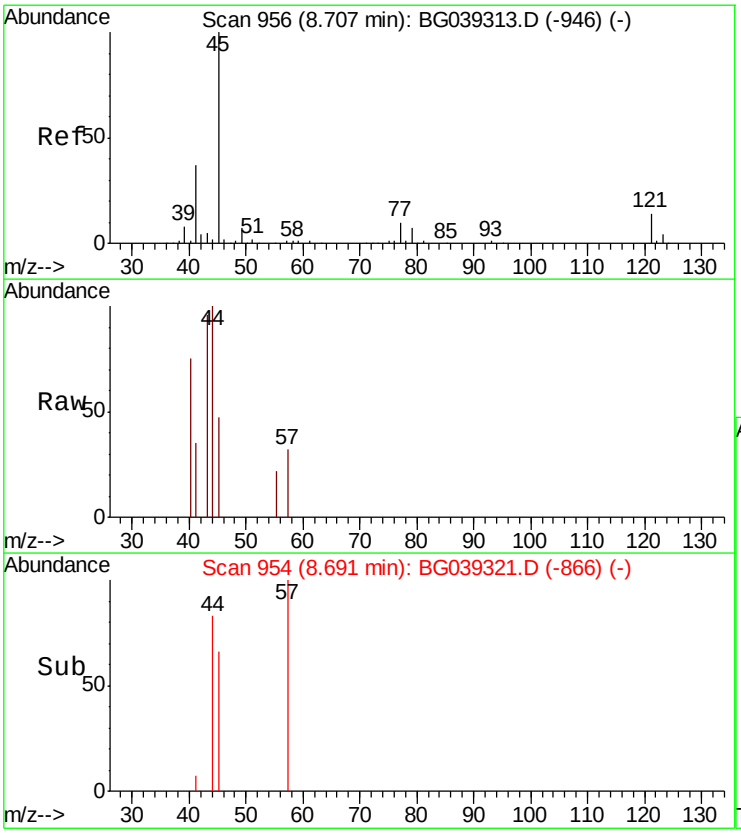
#15
Benzyl Alcohol
Concen: 1.819 ng
RT: 8.51 min Scan# 923
Delta R.T. 0.09 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion: 79 Resp: 4519

Ion	Ratio	Lower	Upper
79	100		
108	47.2	57.8	86.6#
77	130.3	51.1	76.7#

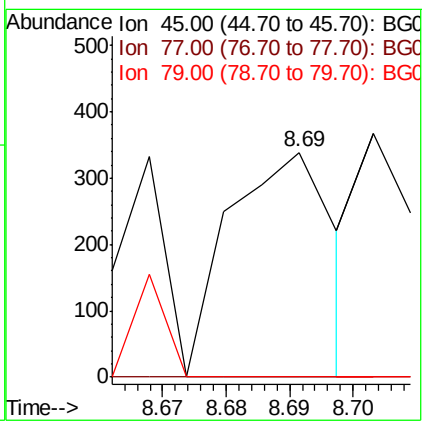


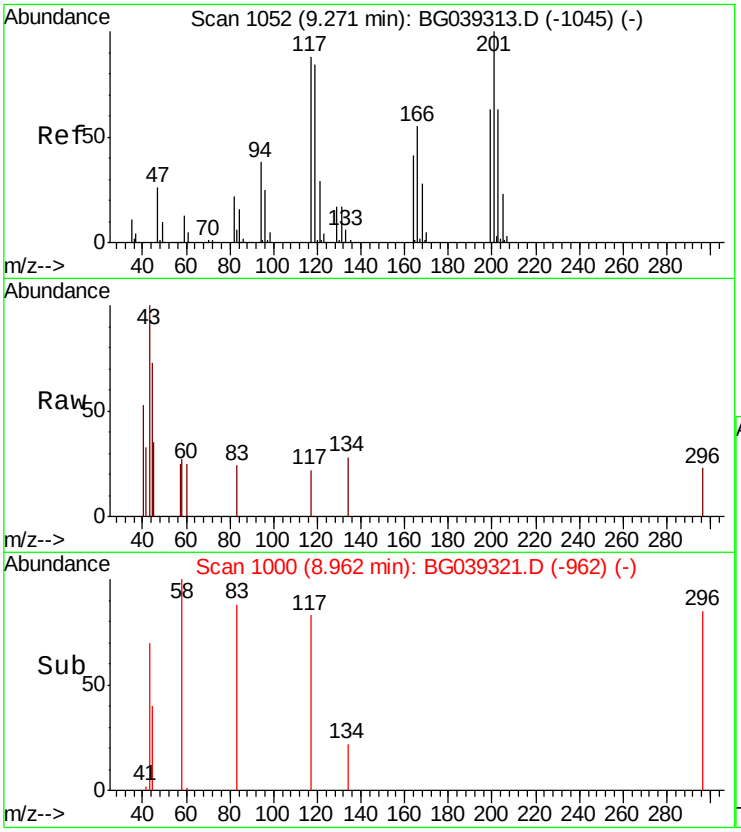


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.066 ng
RT: 8.69 min Scan# 954
Delta R.T. -0.02 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion: 45 Resp: 388

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.0
79	0.0	0.0	27.5



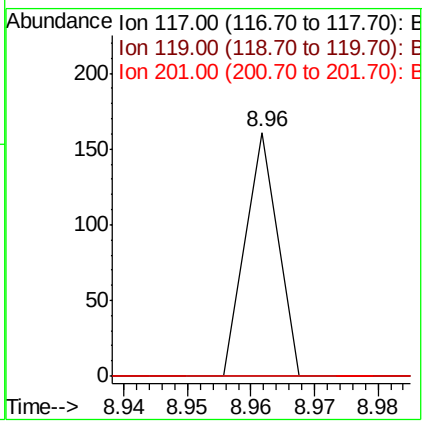


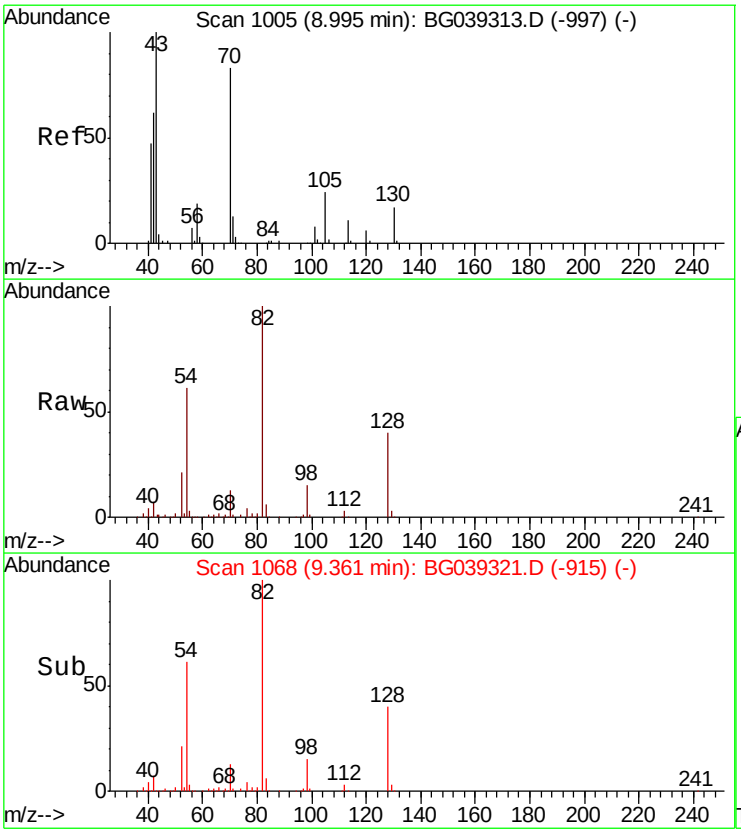
#18
Hexachloroethane
Concen: 0.058 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.31 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:117 Resp: 57

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.3	114.5#
201	0.0	91.1	136.7#

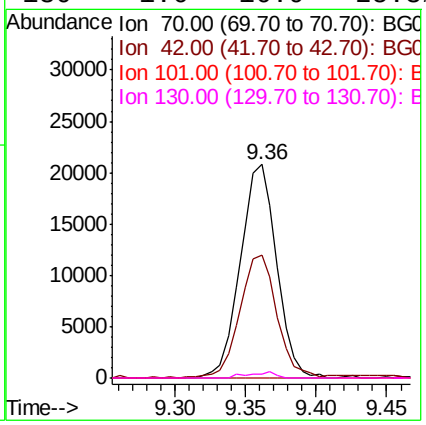


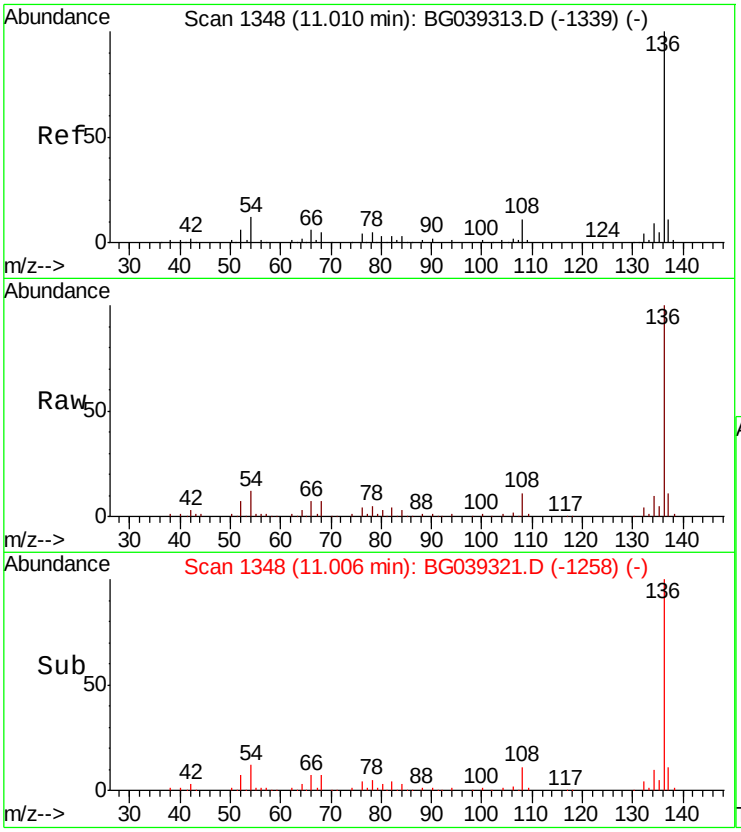


#19
n-Nitroso-di-n-propylamine
Concen: 16.659 ng
RT: 9.36 min Scan# 1068
Delta R.T. 0.37 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion: 70 Resp: 37415

Ion	Ratio	Lower	Upper
70	100		
42	57.8	60.4	90.6#
101	0.0	7.5	11.3#
130	1.6	16.9	25.3#



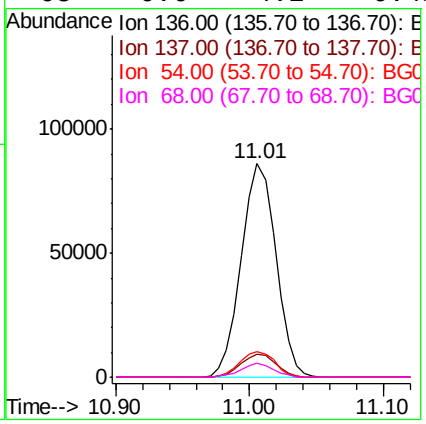


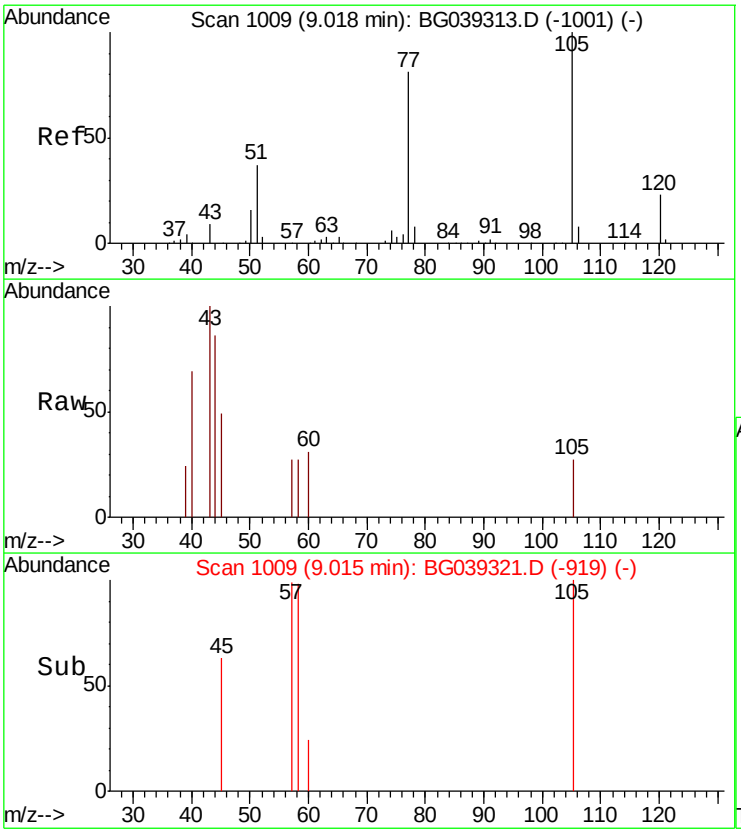
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:136 Resp: 155031

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	12.1	9.4	14.2
68	6.6	4.2	6.4#

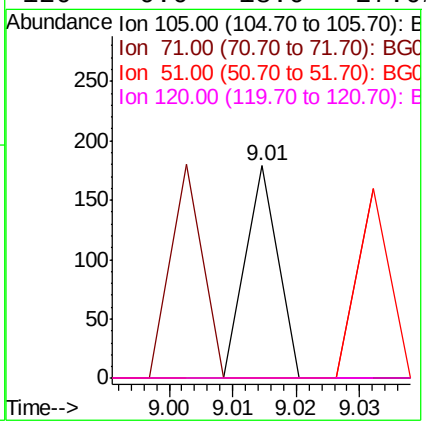


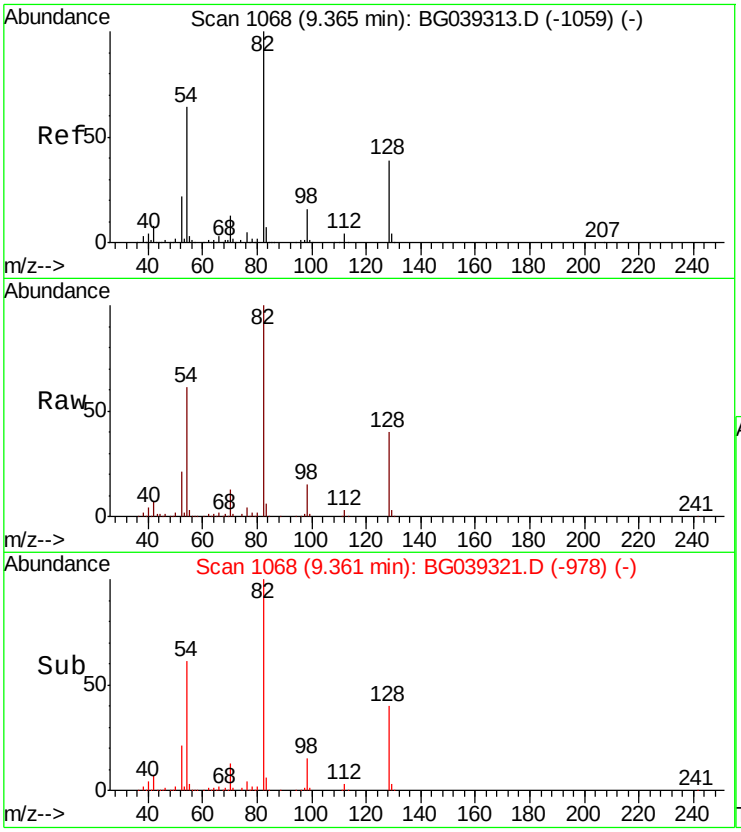


#22
Acetophenone
Concen: 0.015 ng
RT: 9.01 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:105 Resp: 63

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.8	1.2#
51	0.0	30.2	45.2#
120	0.0	18.0	27.0#



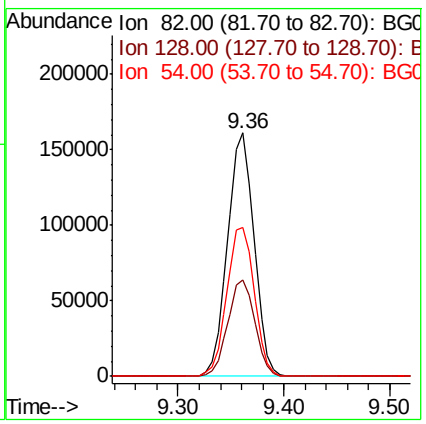


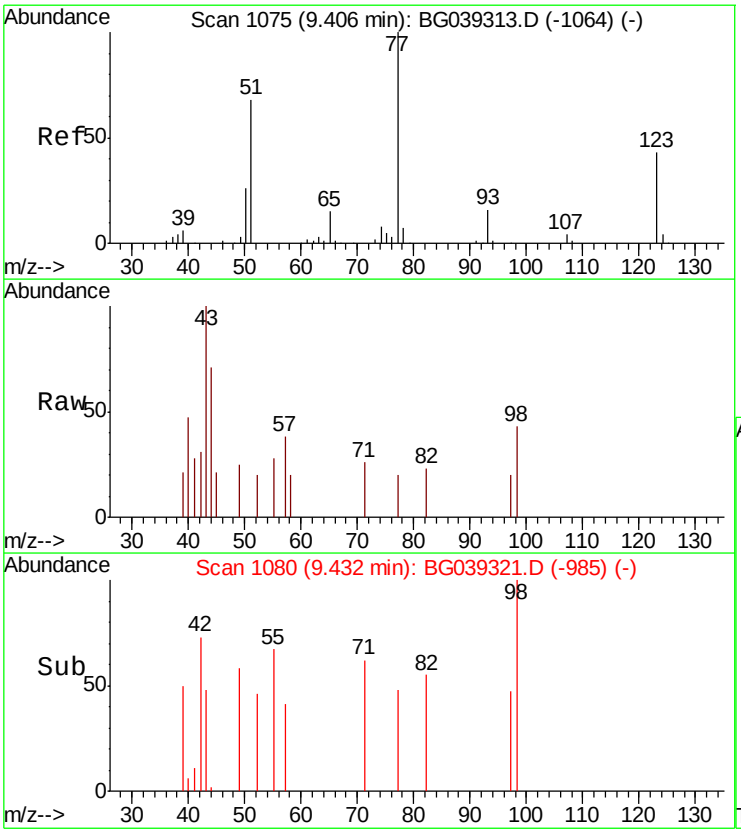
#23
Nitrobenzene-d5
Concen: 112.408 ng
RT: 9.36 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion: 82 Resp: 278955

Ion	Ratio	Lower	Upper
82	100		
128	39.7	31.3	46.9
54	61.0	50.9	76.3

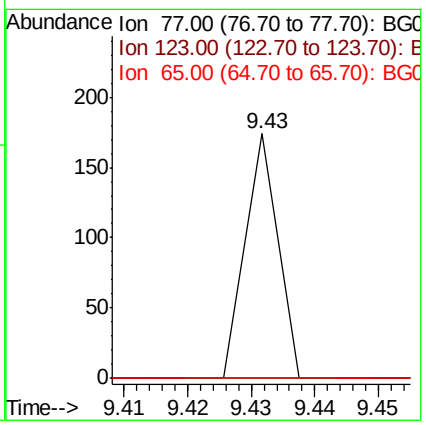


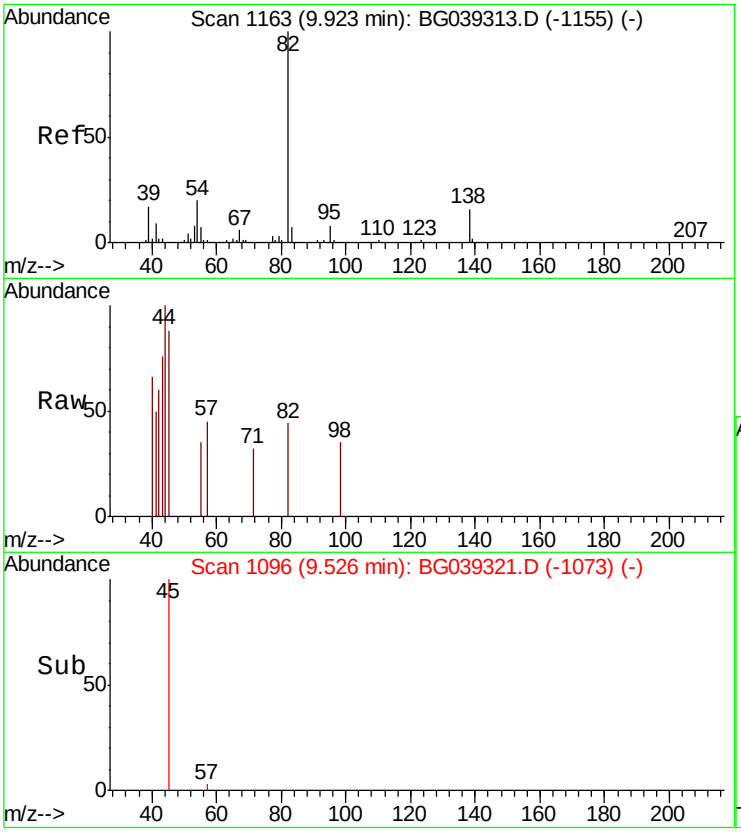


#24
Nitrobenzene
Concen: 0.023 ng
RT: 9.43 min Scan# 1080
Delta R.T. 0.03 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion: 77 Resp: 61

Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.1	51.1#
65	0.0	12.3	18.5#



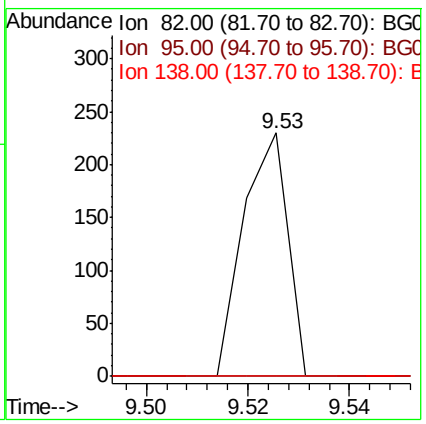


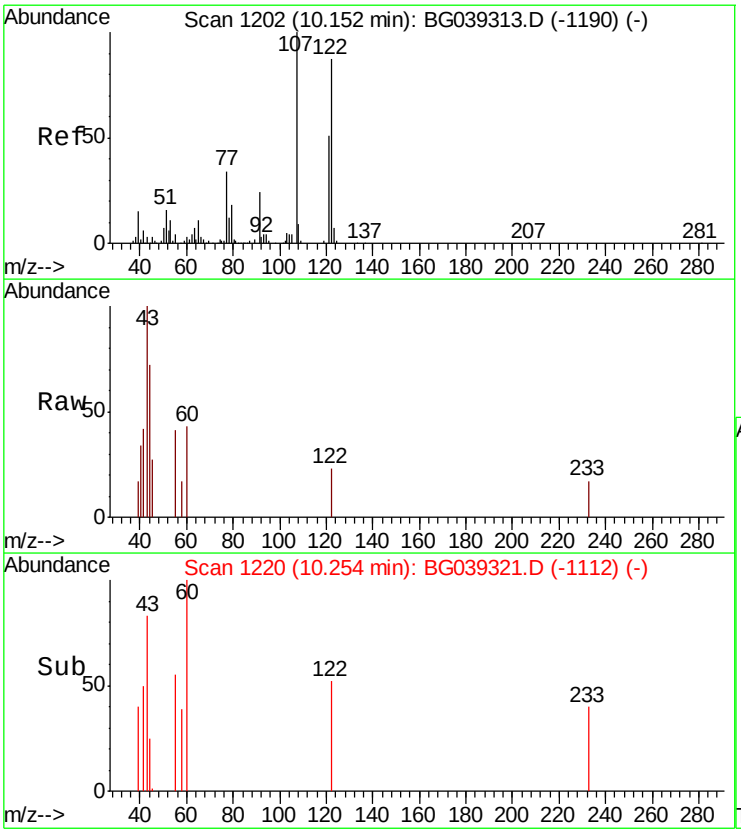
#25
Isophorone
Concen: 0.025 ng
RT: 9.53 min Scan# 1096
Delta R.T. -0.40 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion: 82 Resp: 140

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	13.0	19.4#

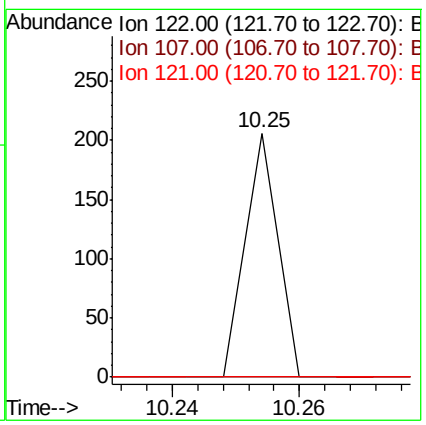


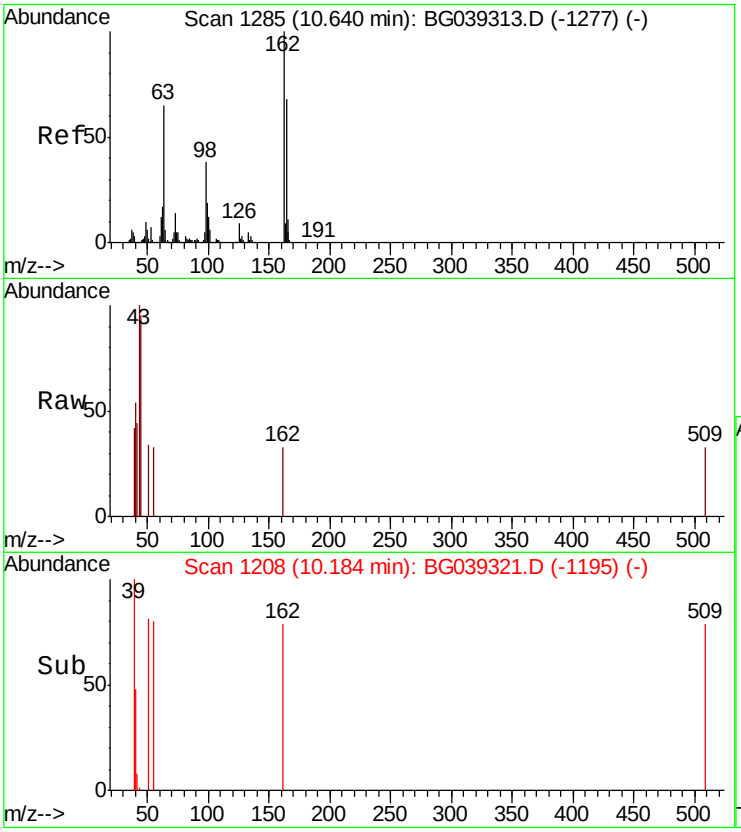


#27
2,4-Dimethylphenol
Concen: 0.033 ng
RT: 10.25 min Scan# 1220
Delta R.T. 0.10 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:122 Resp: 73

Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.7	137.5#
121	0.0	46.4	69.6#



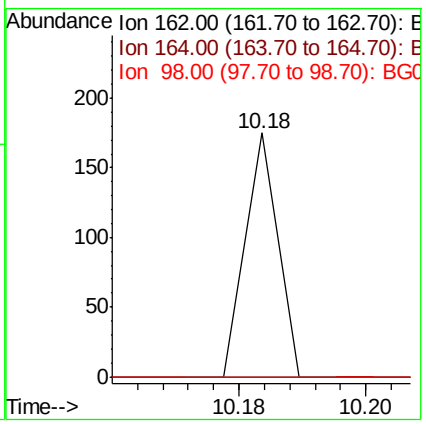


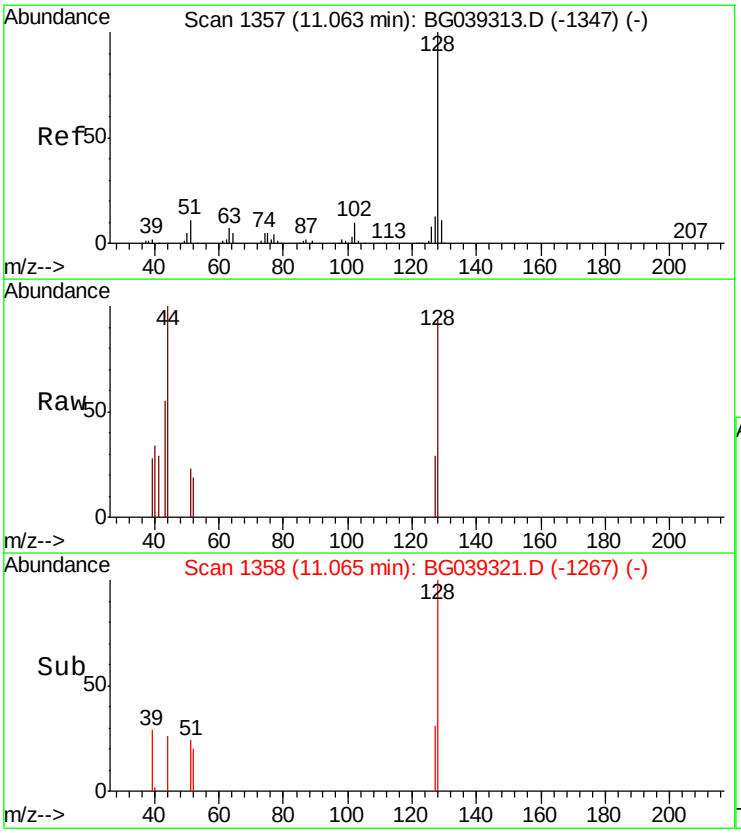
#29
2,4-Dichlorophenol
Concen: 0.026 ng
RT: 10.18 min Scan# 1208
Delta R.T. -0.46 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:162 Resp: 62

Ion	Ratio	Lower	Upper
162	100		
164	0.0	48.1	88.1#
98	0.0	18.1	58.1#

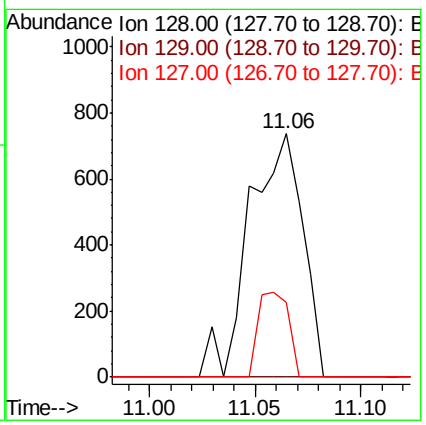


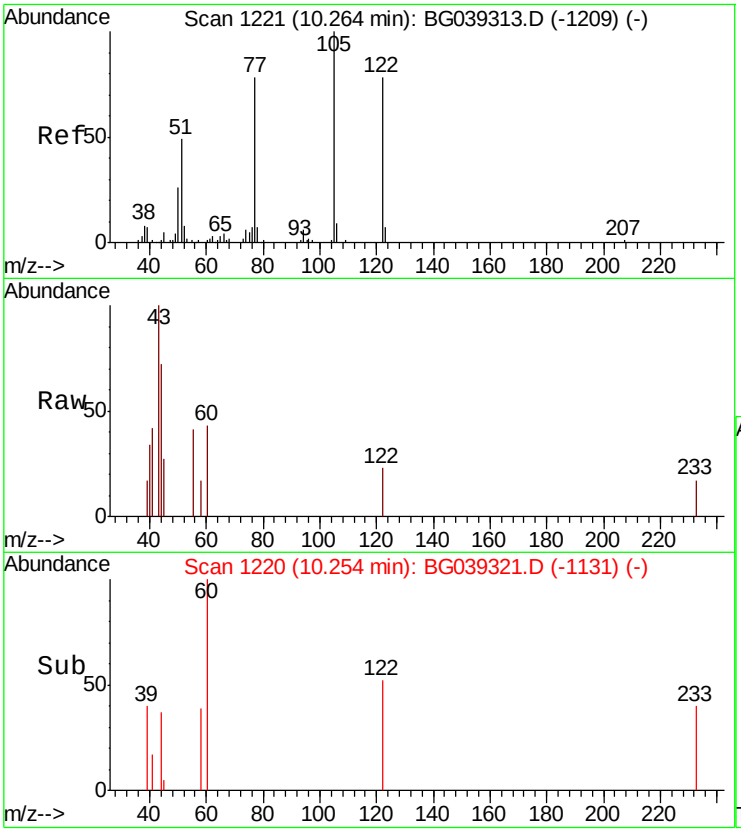


#31
Naphthalene
Concen: 0.168 ng
RT: 11.06 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:128 Resp: 1294

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1#
127	30.5	10.8	16.2#



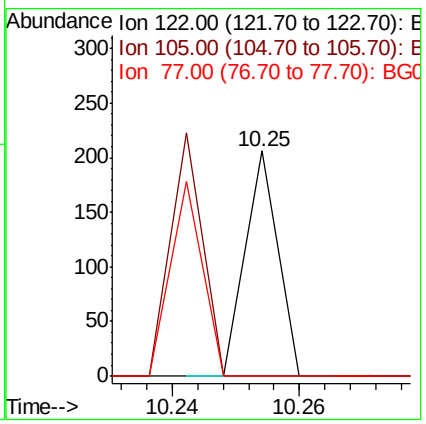


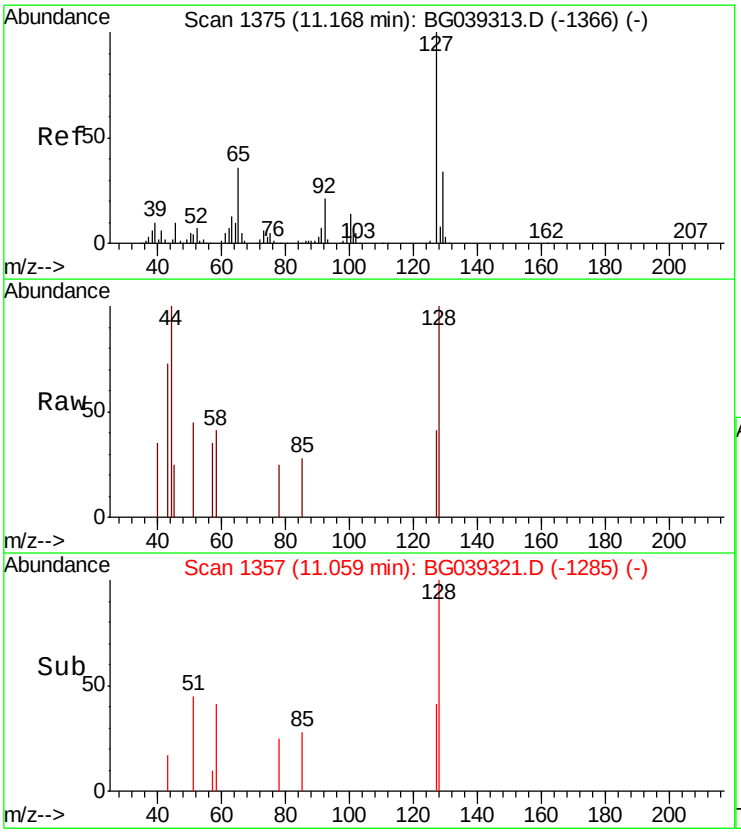
#32
Benzoic acid
Concen: 9.062 ng
RT: 10.25 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:122 Resp: 73

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#

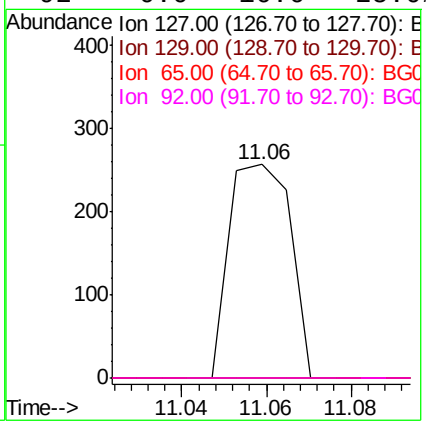


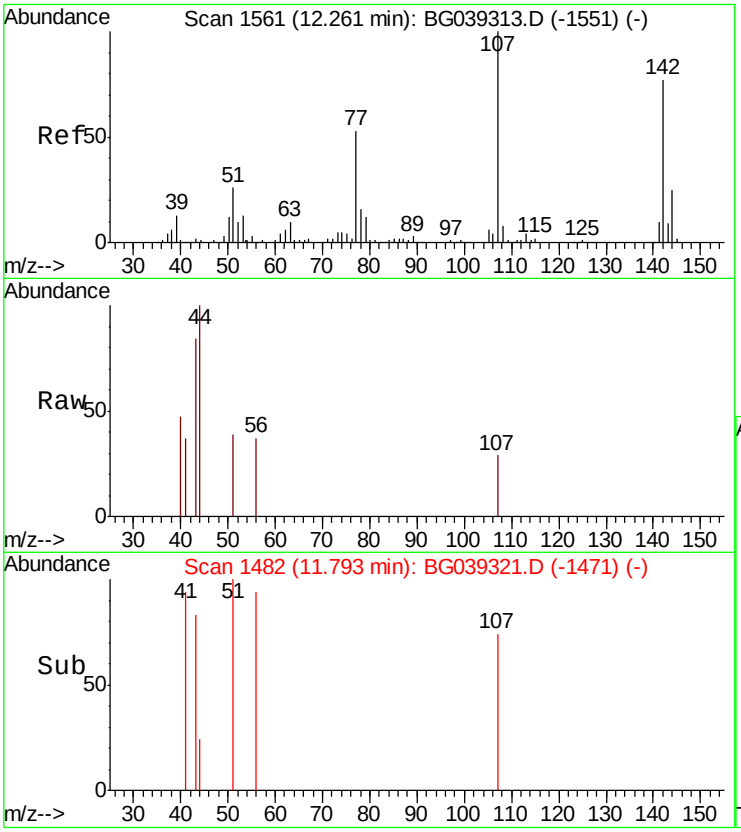


#33
4-Chloroaniline
Concen: 0.072 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.11 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:127 Resp: 257

Ion	Ratio	Lower	Upper
127	100		
129	0.0	27.0	40.4#
65	0.0	28.8	43.2#
92	0.0	16.6	25.0#



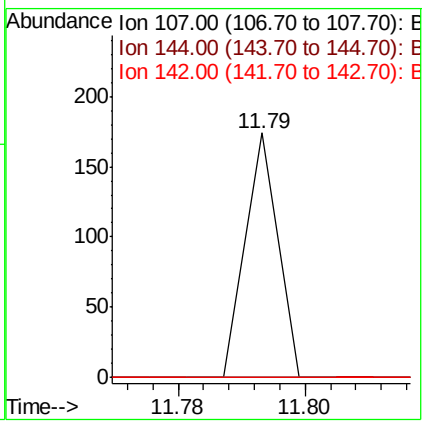


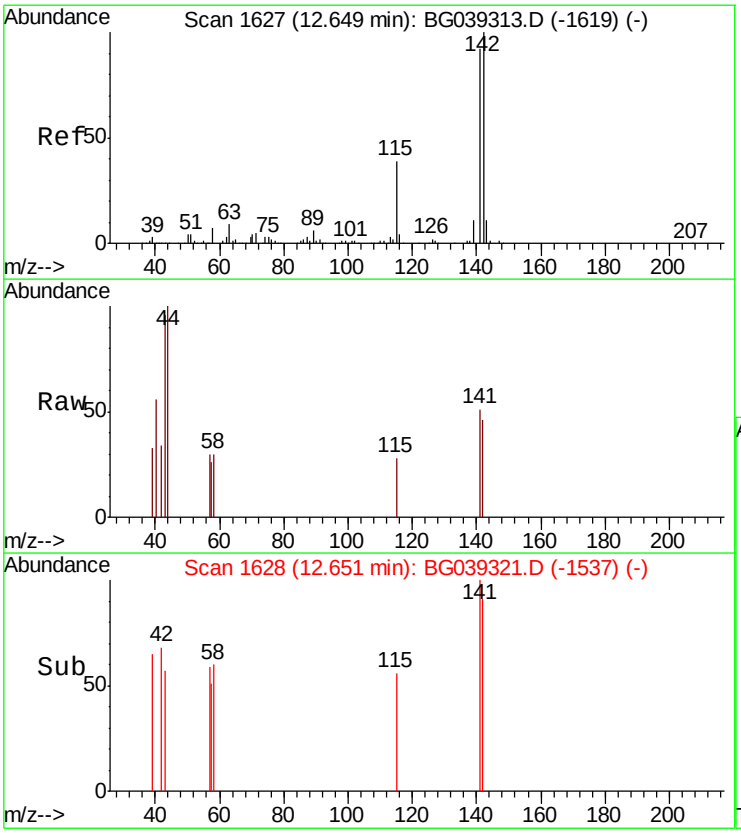
#36
4-Chloro-3-methylphenol
Concen: 0.022 ng
RT: 11.79 min Scan# 1482
Delta R.T. -0.47 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:107 Resp: 61

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.2	30.2#
142	0.0	61.4	92.2#

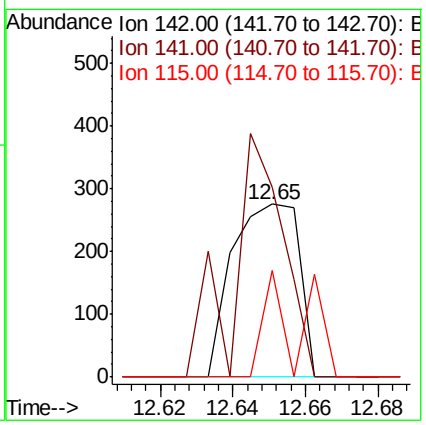


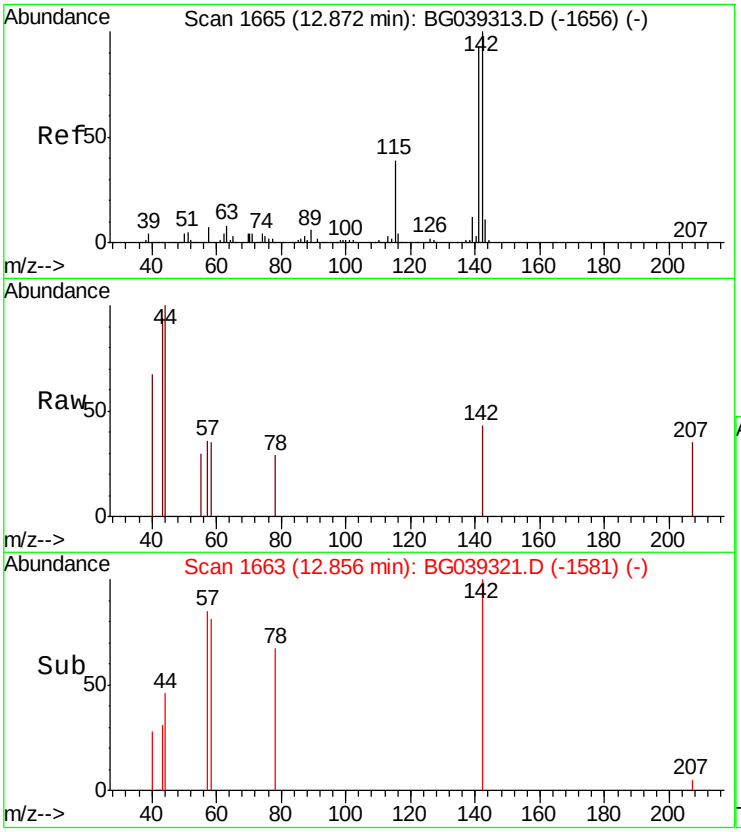


#37
2-Methylnaphthalene
Concen: 0.062 ng
RT: 12.65 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:142 Resp: 352

Ion	Ratio	Lower	Upper
142	100		
141	109.8	73.5	110.3
115	61.5	30.8	46.2#



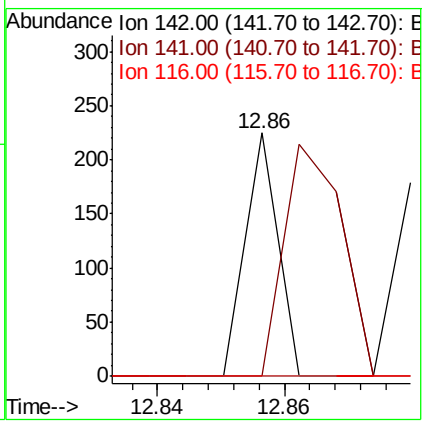


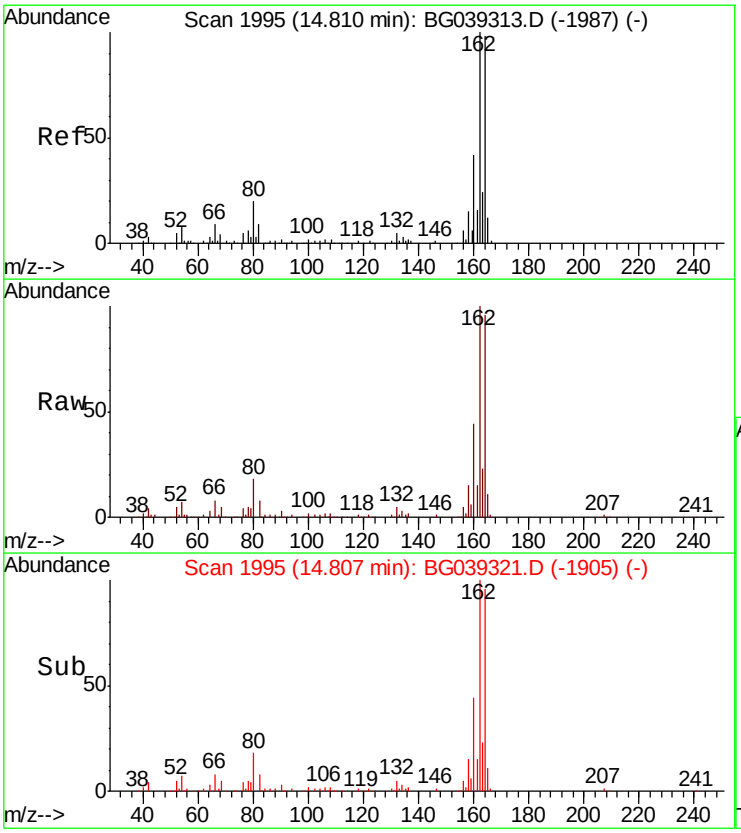
#38
1-Methylnaphthalene
Concen: 0.014 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.02 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:142 Resp: 79

Ion	Ratio	Lower	Upper
142	100		
141	0.0	74.2	111.4#
116	0.0	3.0	4.6#

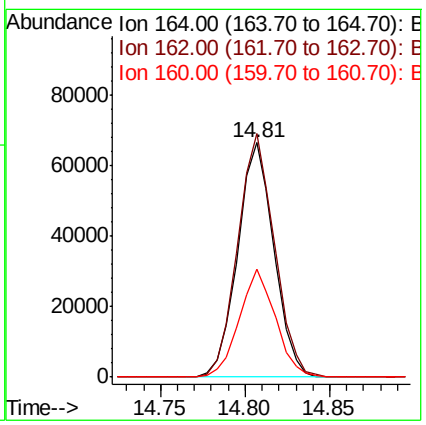


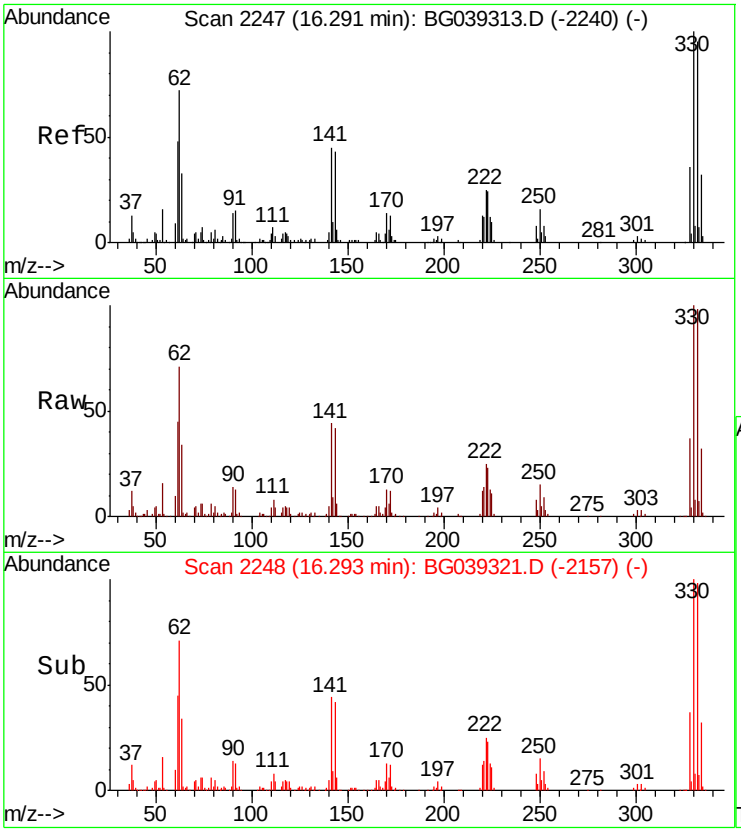


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:164 Resp: 99327

Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.6	122.4
160	46.0	34.2	51.2



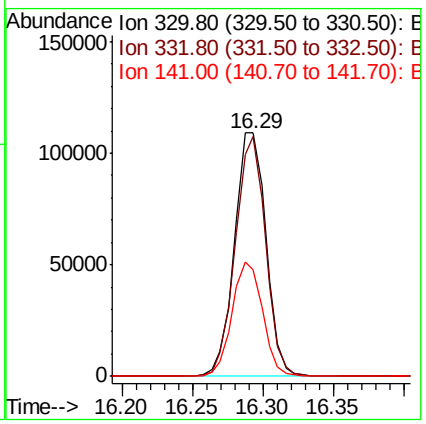


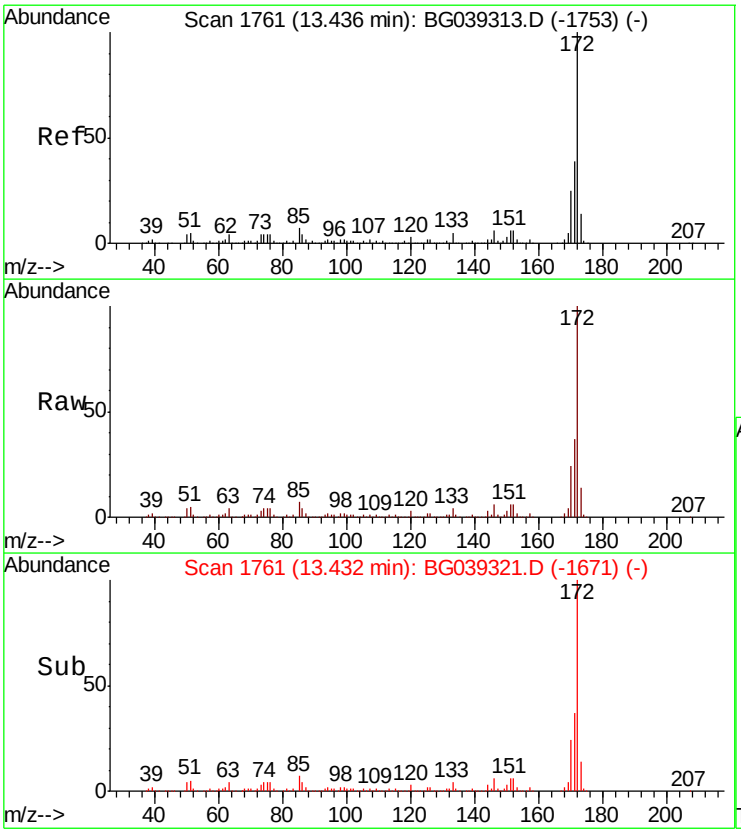
#42
2,4,6-Tribromophenol
Concen: 159.149 ng
RT: 16.29 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:330 Resp: 170223

Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.7	113.5
141	45.3	35.6	53.4

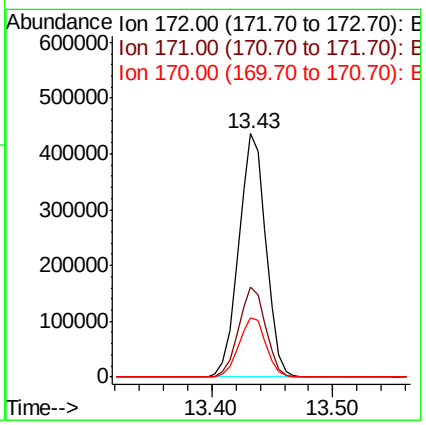


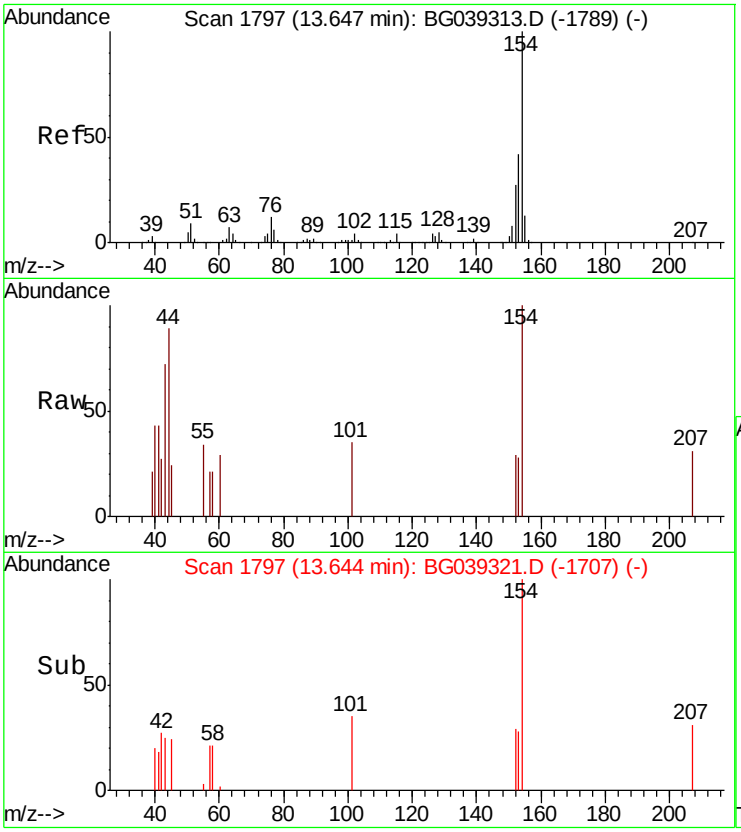


#45
2-Fluorobiphenyl
Concen: 98.227 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:172 Resp: 680114

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.8	46.2
170	24.4	20.2	30.4



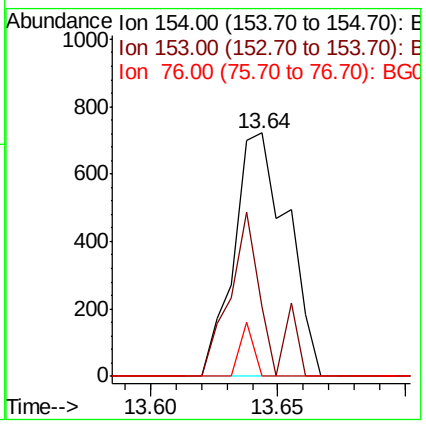


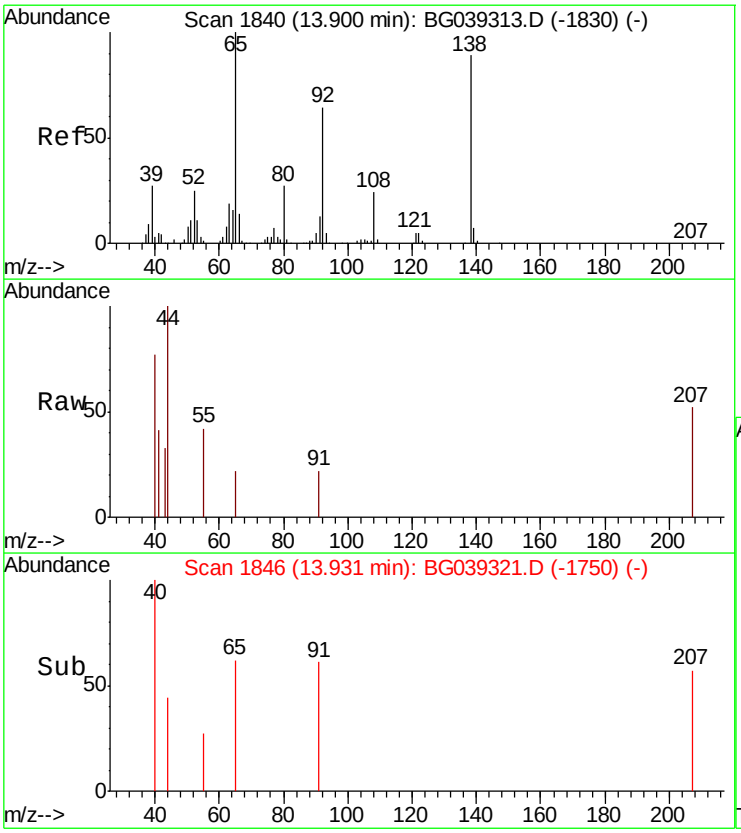
#46
1,1'-Biphenyl
Concen: 0.128 ng
RT: 13.64 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:154 Resp: 1061

Ion	Ratio	Lower	Upper
154	100		
153	28.4	22.1	62.1
76	0.0	0.0	32.4

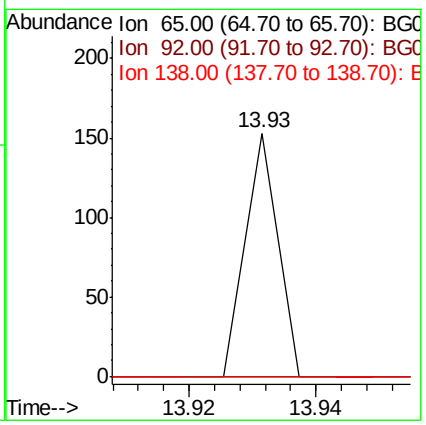


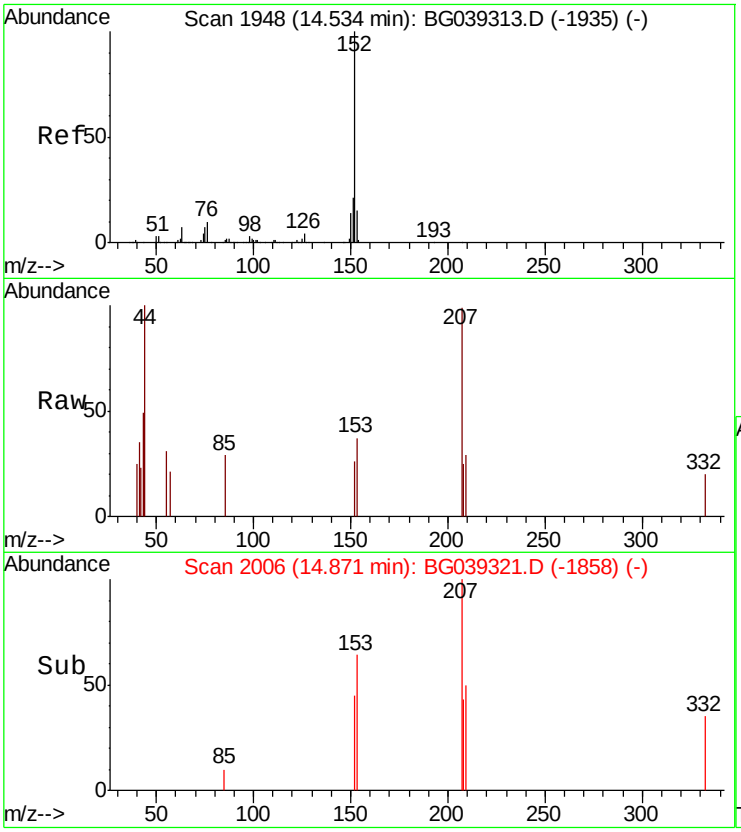


#48
2-Nitroaniline
Concen: 8.321 ng
RT: 13.93 min Scan# 1846
Delta R.T. 0.03 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion: 65 Resp: 54

Ion	Ratio	Lower	Upper
65	100		
92	0.0	51.4	77.2#
138	0.0	71.4	107.2#



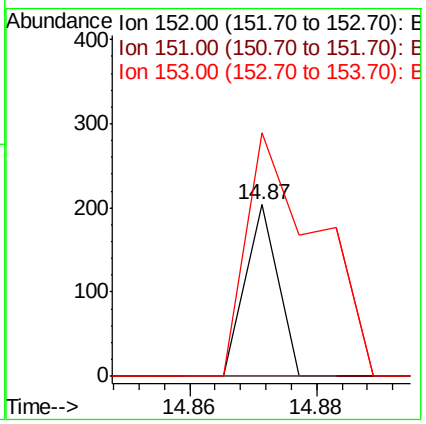


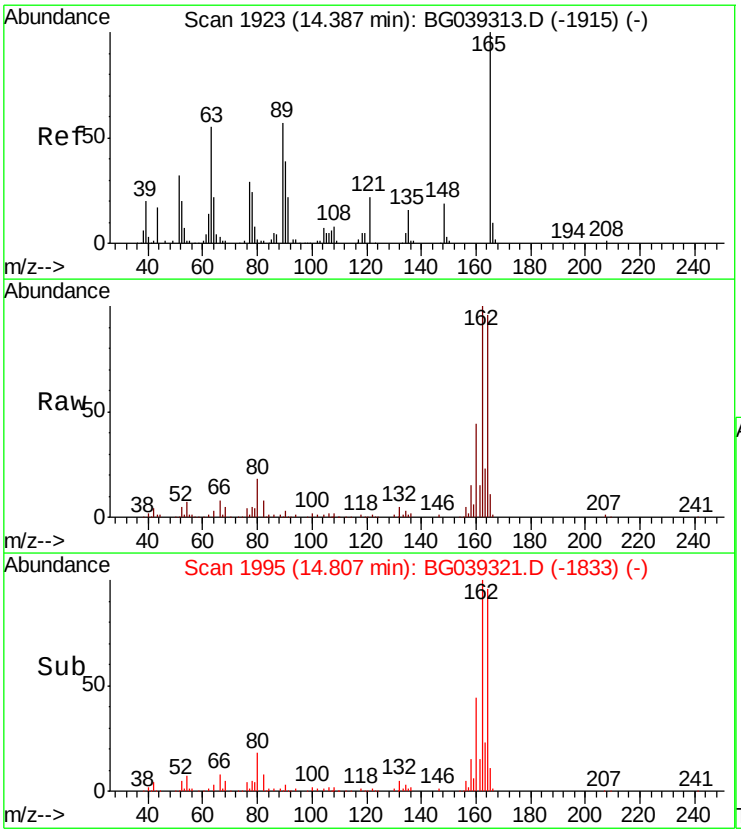
#49
Acenaphthylene
Concen: 0.008 ng
RT: 14.87 min Scan# 2006
Delta R.T. 0.34 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:152 Resp: 72

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.8	25.2#
153	141.7	11.7	17.5#

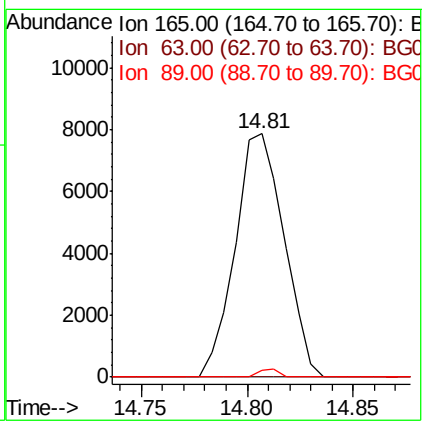


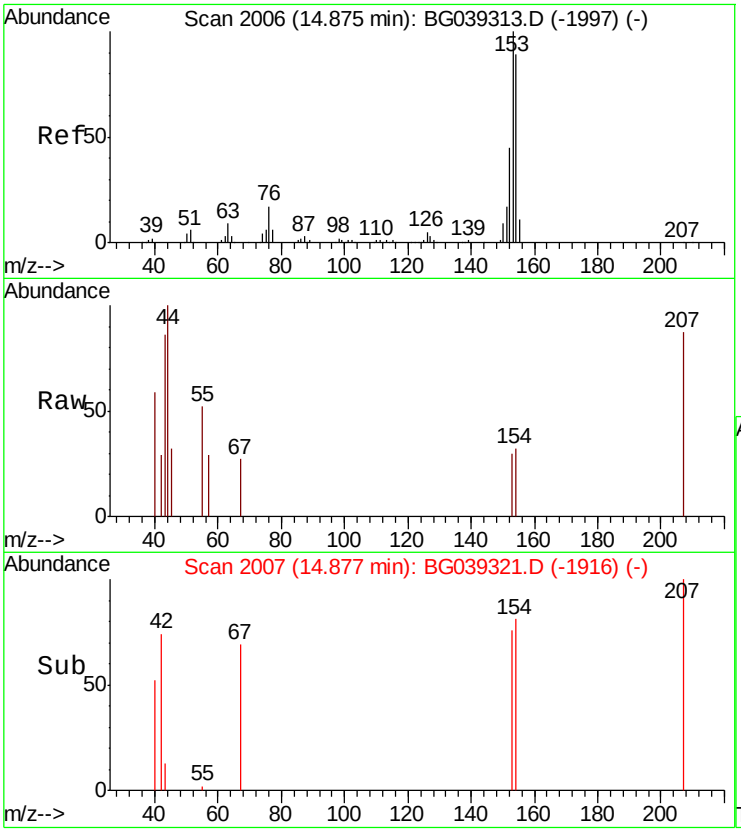


#51
2,6-Dinitrotoluene
Concen: 13.844 ng
RT: 14.81 min Scan# 1995
Delta R.T. 0.42 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:165 Resp: 12651

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	2.7	45.8	68.8#



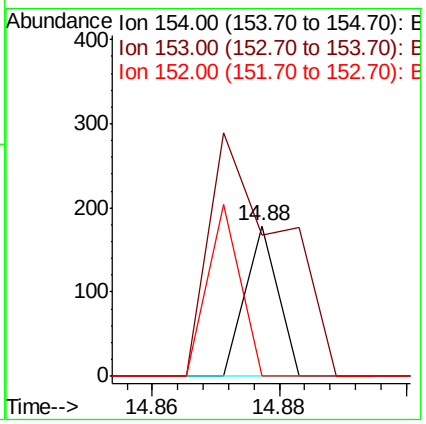


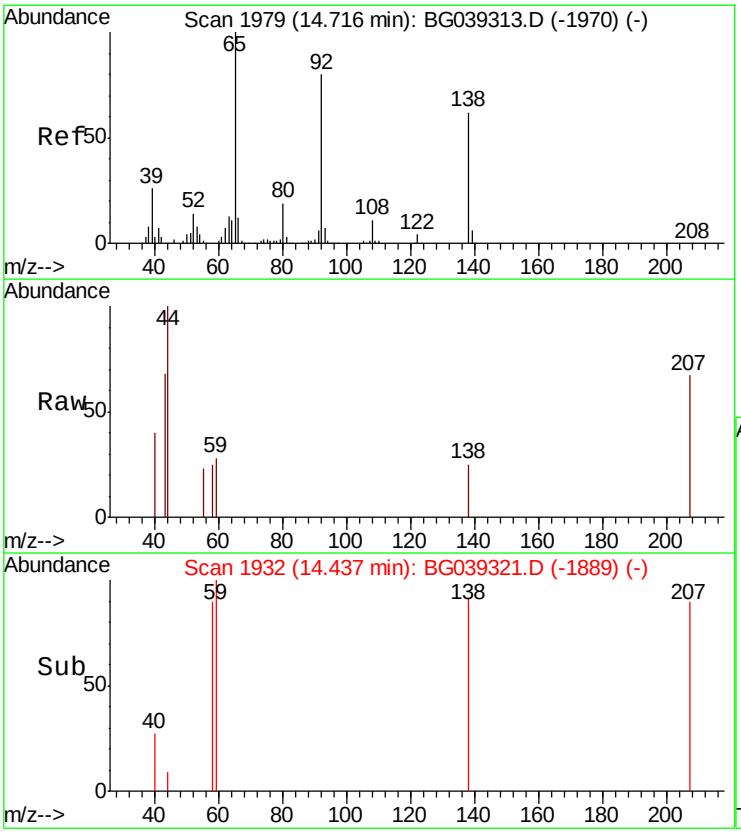
#52
Acenaphthene
Concen: 0.010 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:154 Resp: 63

Ion	Ratio	Lower	Upper
154	100		
153	93.9	90.1	135.1
152	0.0	40.9	61.3#

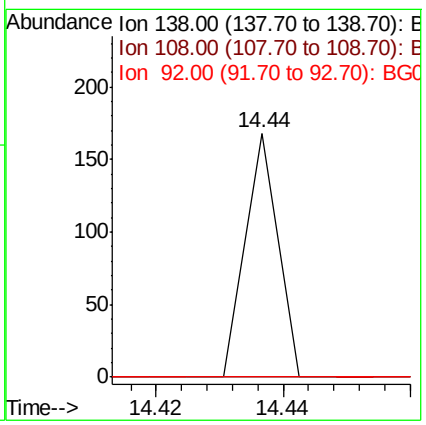


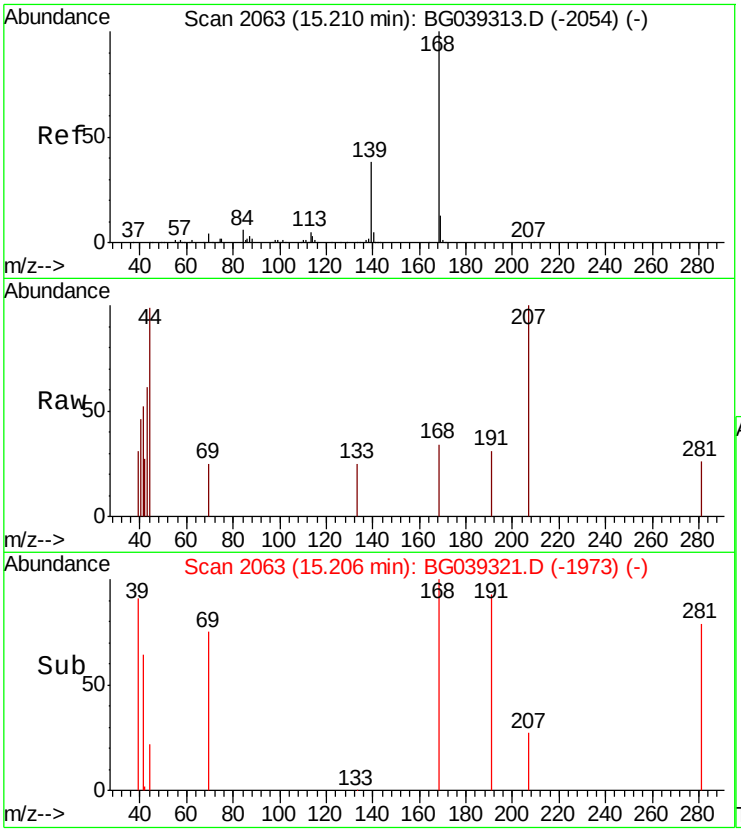


#53
3-Nitroaniline
Concen: 5.825 ng
RT: 14.44 min Scan# 1932
Delta R.T. -0.28 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:138 Resp: 59

Ion	Ratio	Lower	Upper
138	100		
108	0.0	13.8	20.8#
92	0.0	103.7	155.5#



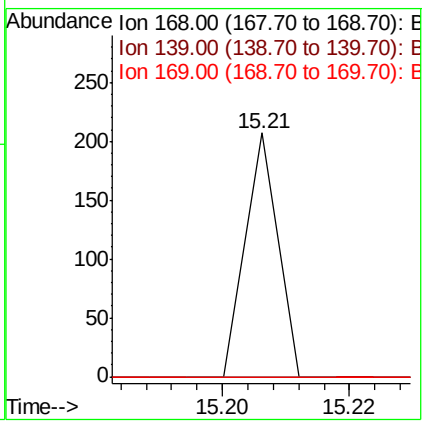


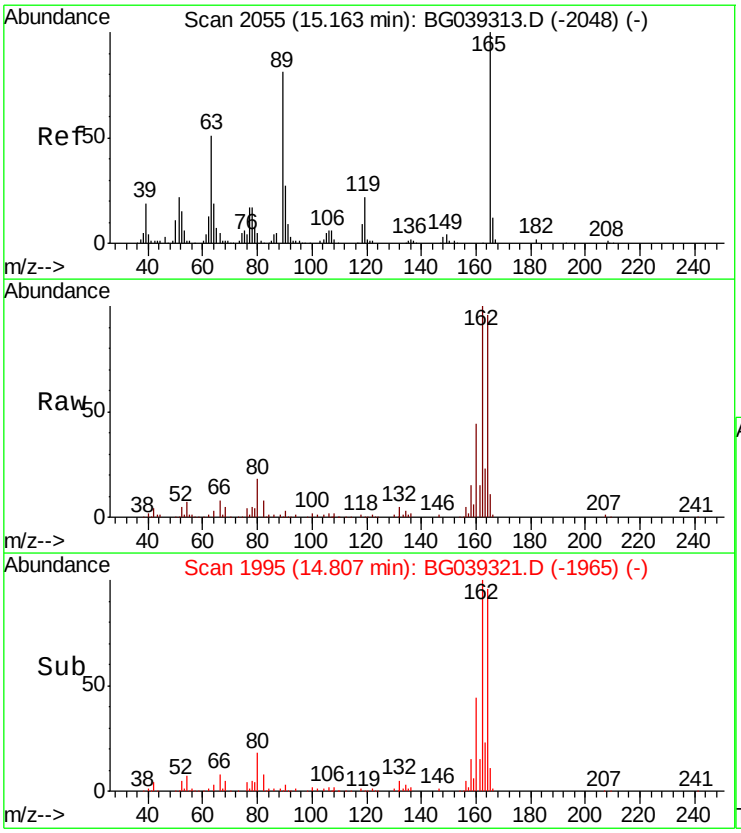
#55
Dibenzofuran
Concen: 0.007 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:168 Resp: 73

Ion	Ratio	Lower	Upper
168	100		
139	0.0	30.1	45.1#
169	0.0	10.6	16.0#

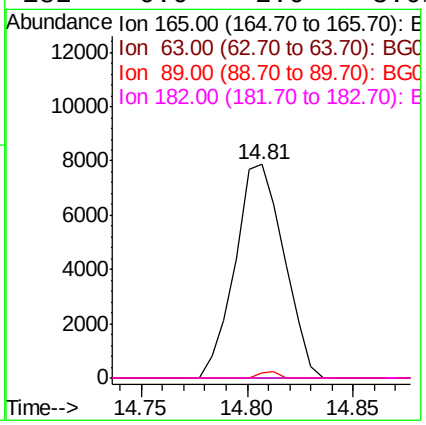


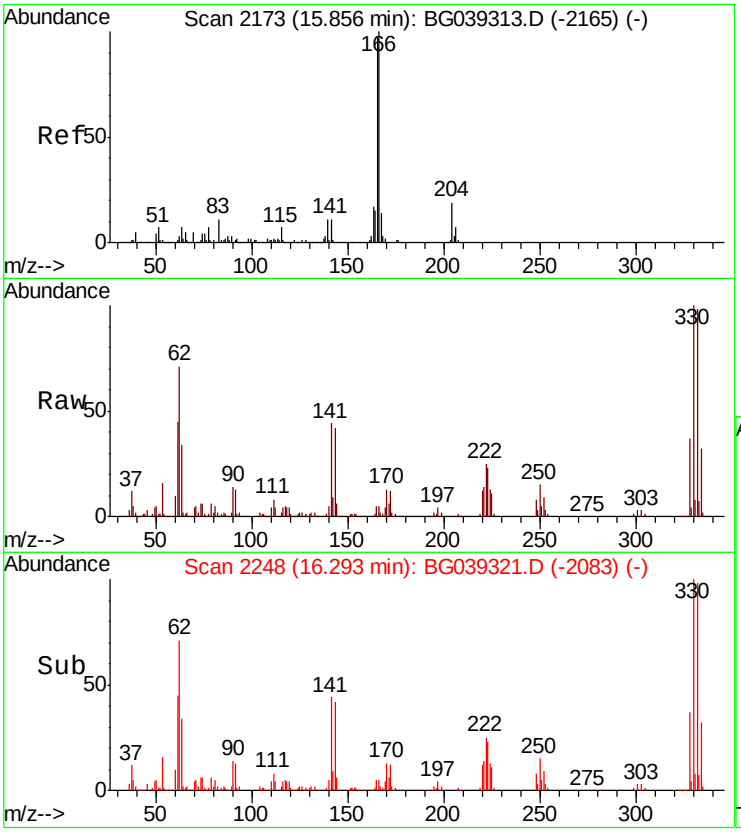


#57
2,4-Dinitrotoluene
Concen: 13.339 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.36 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:165 Resp: 12651

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	2.7	64.6	96.8#
182	0.0	2.0	3.0#



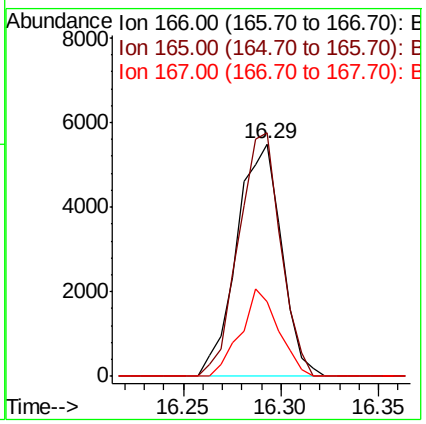


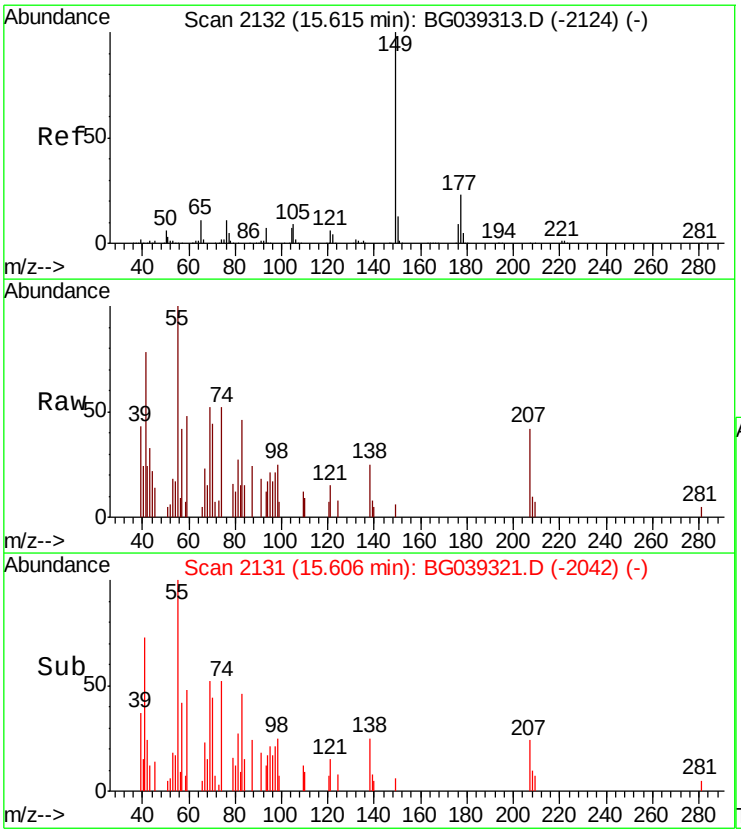
#58
Fluorene
Concen: 1.195 ng
RT: 16.29 min Scan# 2248
Delta R.T. 0.44 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:166 Resp: 8701

Ion	Ratio	Lower	Upper
166	100		
165	104.6	77.9	116.9
167	32.3	10.8	16.2#

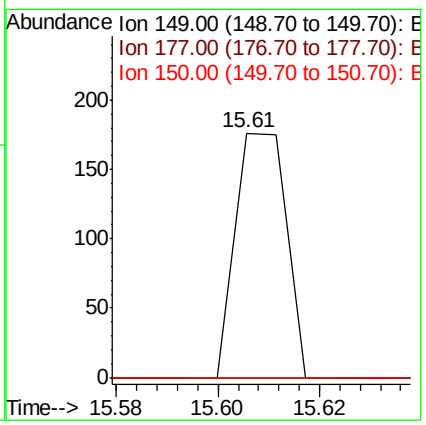


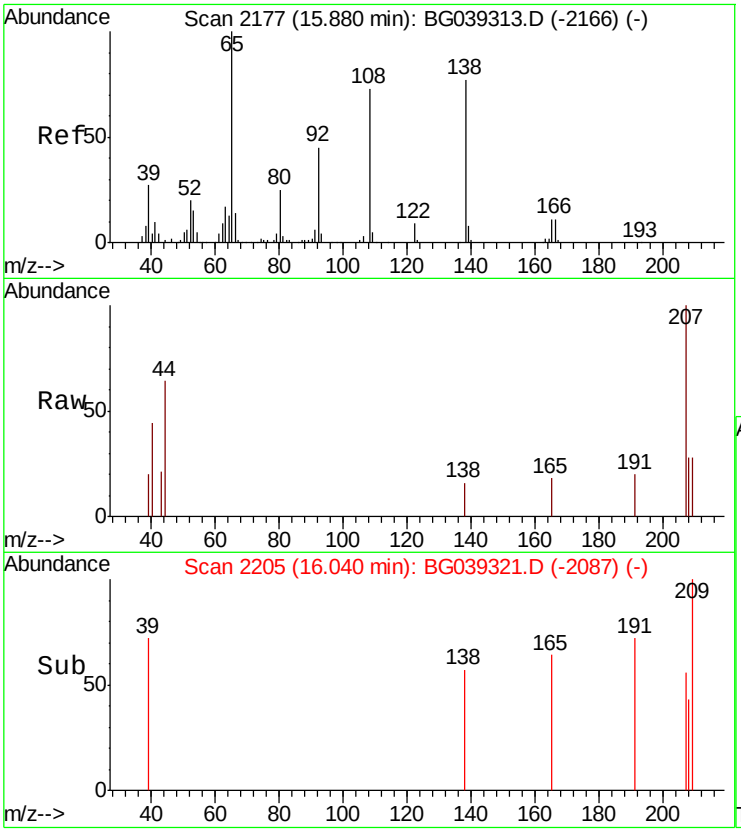


#60
Diethylphthalate
Concen: 0.015 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:149 Resp: 124

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.3	27.5#
150	0.0	10.2	15.2#



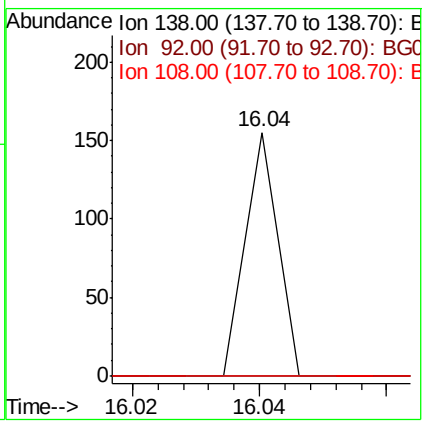


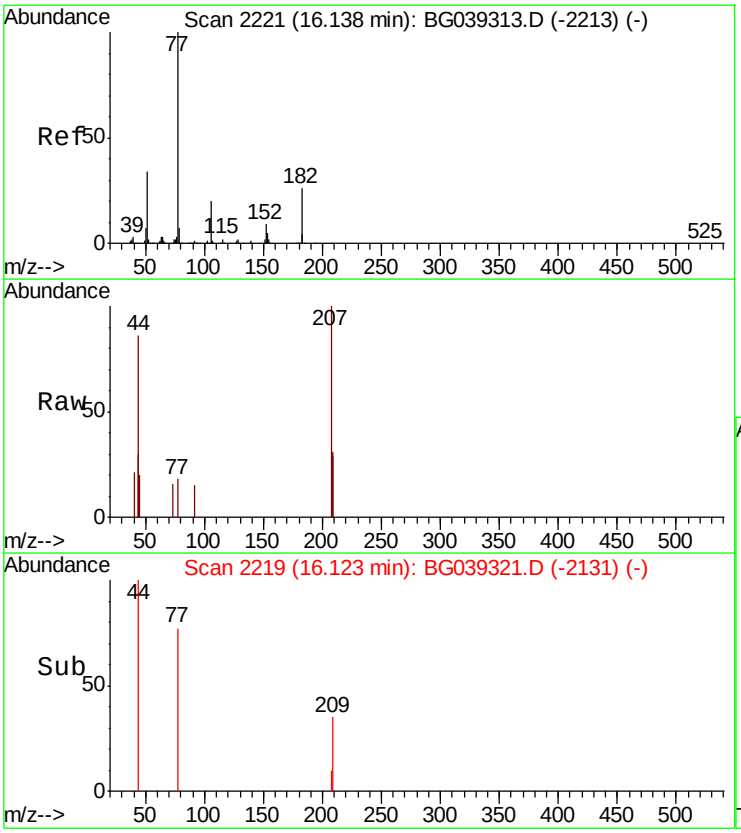
#62
4-Nitroaniline
Concen: 4.232 ng
RT: 16.04 min Scan# 2205
Delta R.T. 0.16 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:138 Resp: 55

Ion	Ratio	Lower	Upper
138	100		
92	0.0	38.7	78.7#
108	0.0	74.6	114.6#

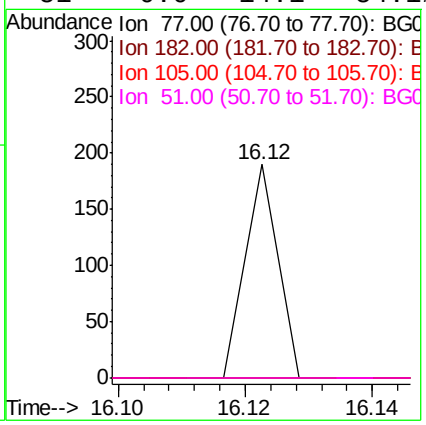


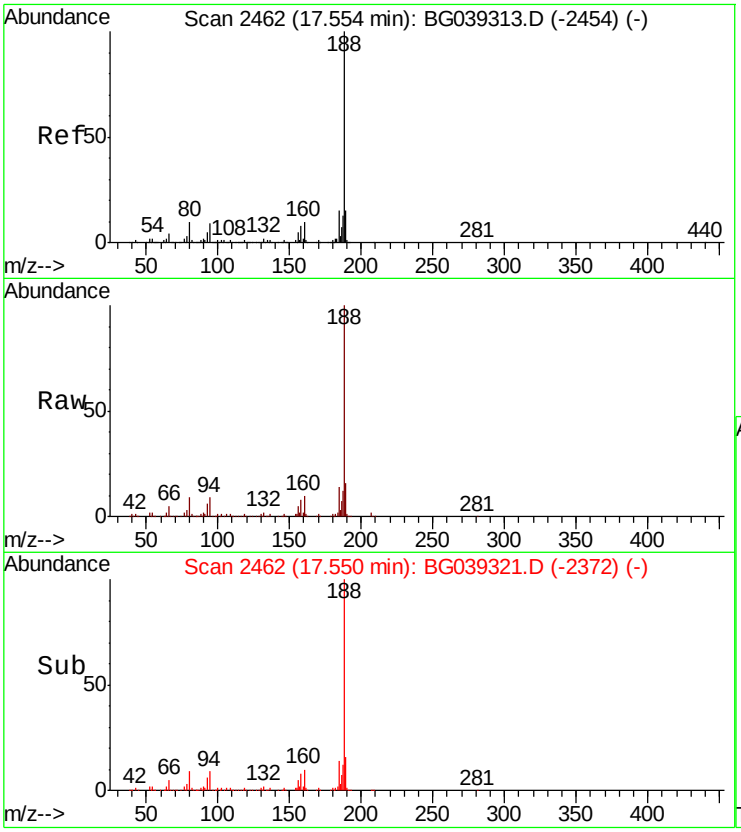


#63
Azobenzene
Concen: 0.008 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion: 77 Resp: 67

Ion	Ratio	Lower	Upper
77	100		
182	0.0	6.4	46.4#
105	0.0	0.0	39.8
51	0.0	14.1	54.1#



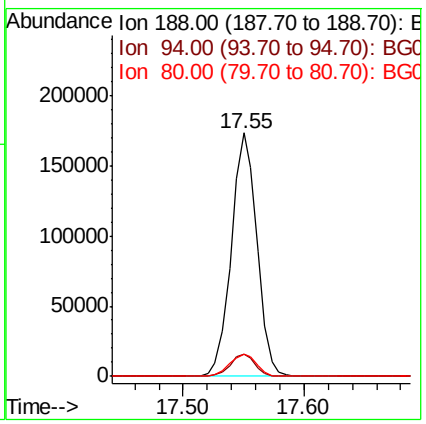


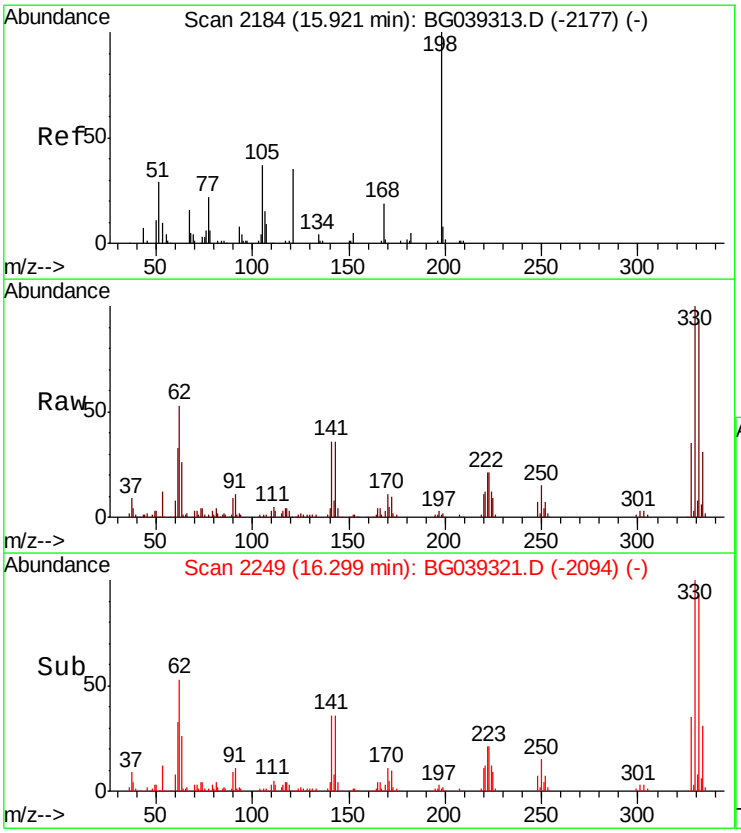
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:188 Resp: 254545

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.9	10.3
80	9.1	8.1	12.1

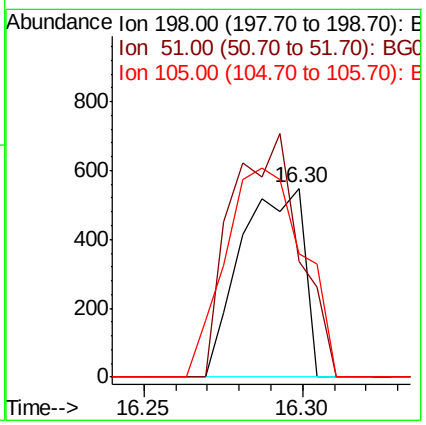


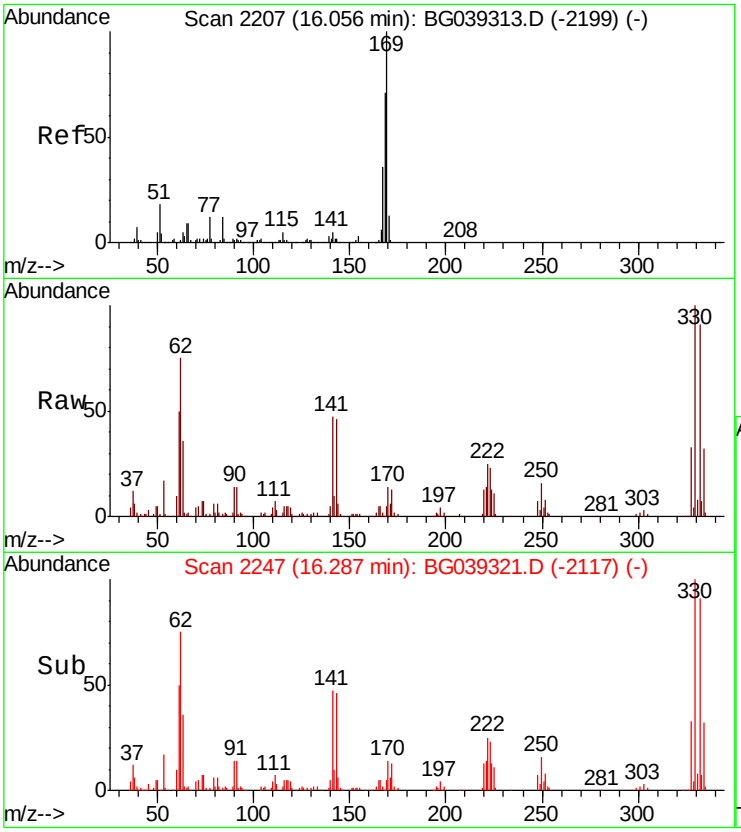


#65
4,6-Dinitro-2-methylphenol
Concen: 5.127 ng
RT: 16.30 min Scan# 2249
Delta R.T. 0.38 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:198 Resp: 756

Ion	Ratio	Lower	Upper
198	100		
51	61.0	27.4	67.4
105	65.4	19.7	59.7#



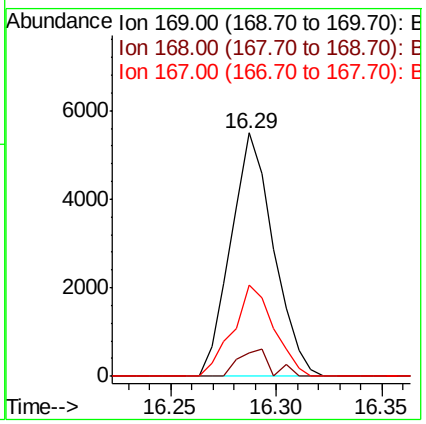


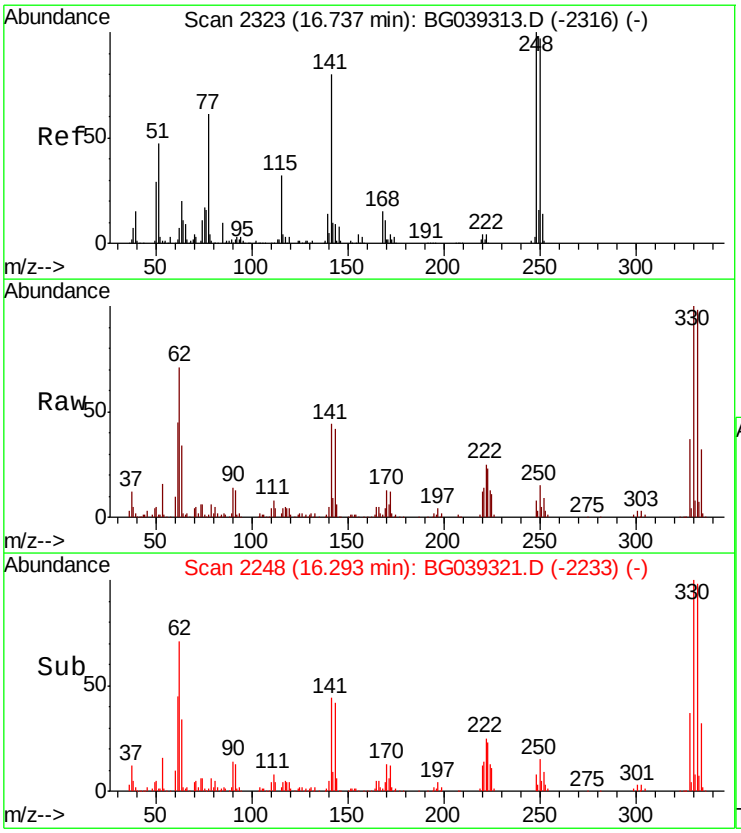
#66
n-Nitrosodiphenylamine
Concen: 0.995 ng
RT: 16.29 min Scan# 2247
Delta R.T. 0.23 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:169 Resp: 7705

Ion	Ratio	Lower	Upper
169	100		
168	9.9	56.6	85.0#
167	37.5	28.8	43.2

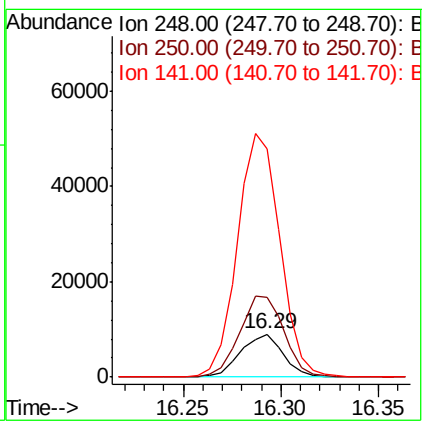


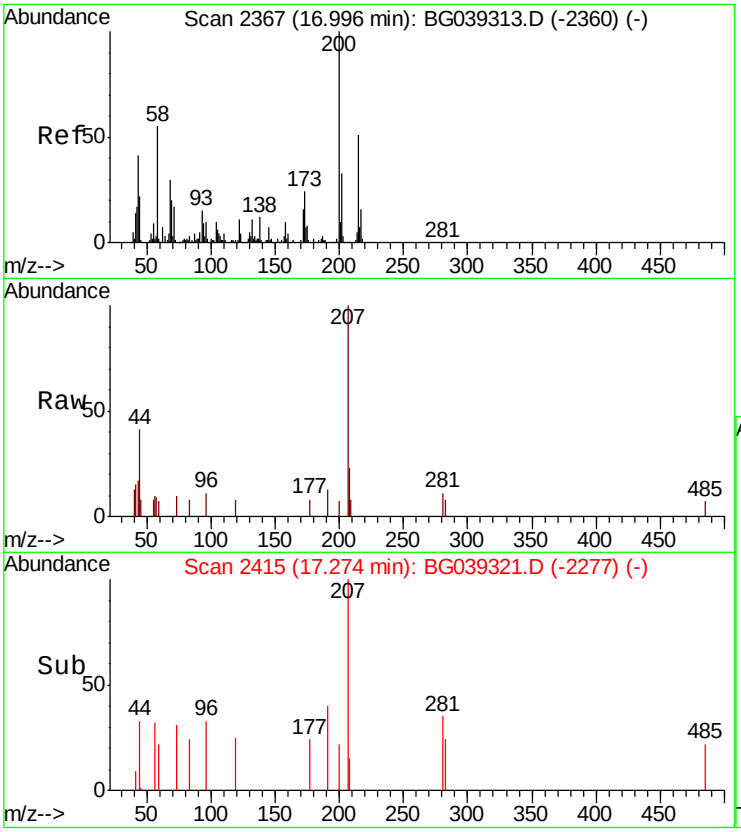


#67
4-Bromophenyl-phenylether
Concen: 4.697 ng
RT: 16.29 min Scan# 2248
Delta R.T. -0.44 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:248 Resp: 13263

Ion	Ratio	Lower	Upper
248	100		
250	188.0	77.6	116.4#
141	535.8	63.9	95.9#



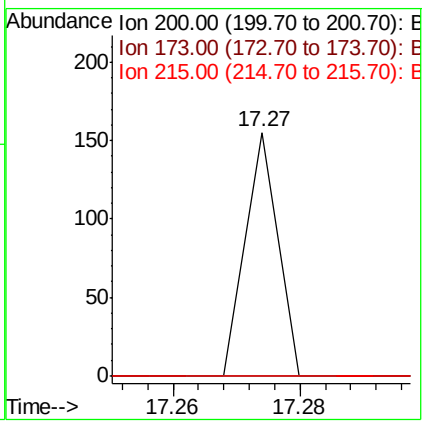


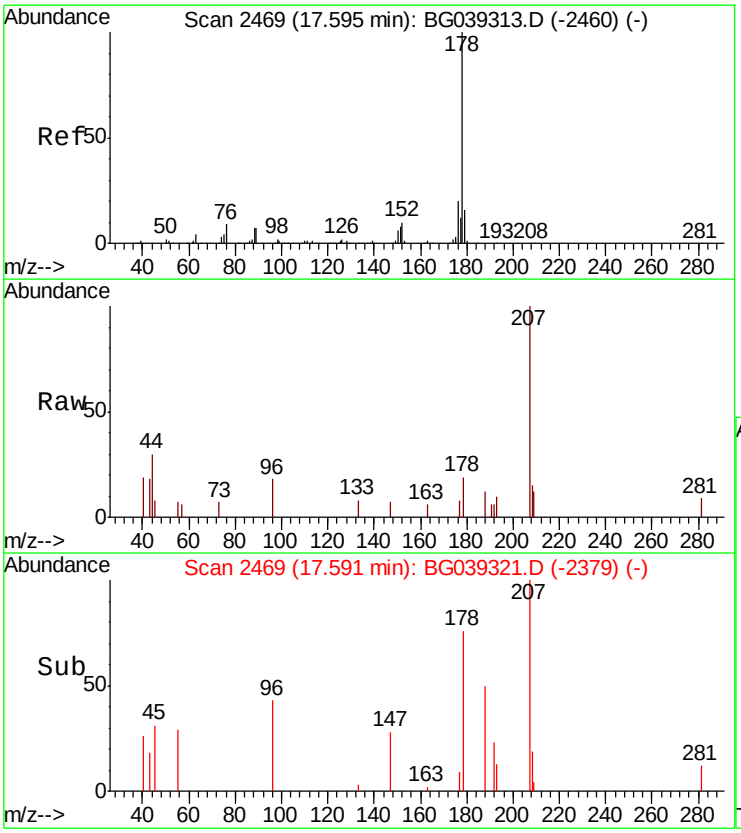
#69
Atrazine
Concen: 0.019 ng
RT: 17.27 min Scan# 2415
Delta R.T. 0.28 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:200 Resp: 55

Ion	Ratio	Lower	Upper
200	100		
173	0.0	3.9	43.9#
215	0.0	30.9	70.9#

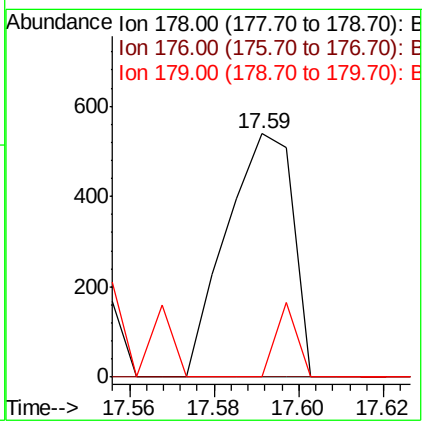


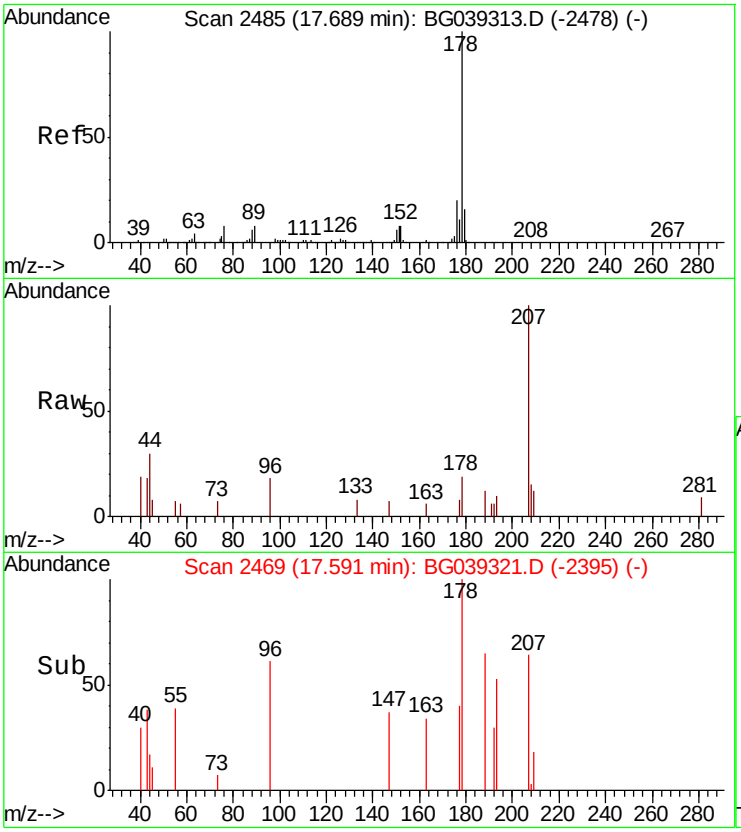


#71
Phenanthrene
Concen: 0.045 ng
RT: 17.59 min Scan# 2469
Delta R.T. -0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:178 Resp: 588

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.2	24.4#
179	0.0	12.6	19.0#



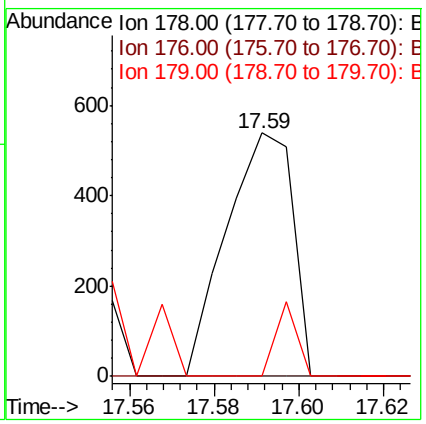


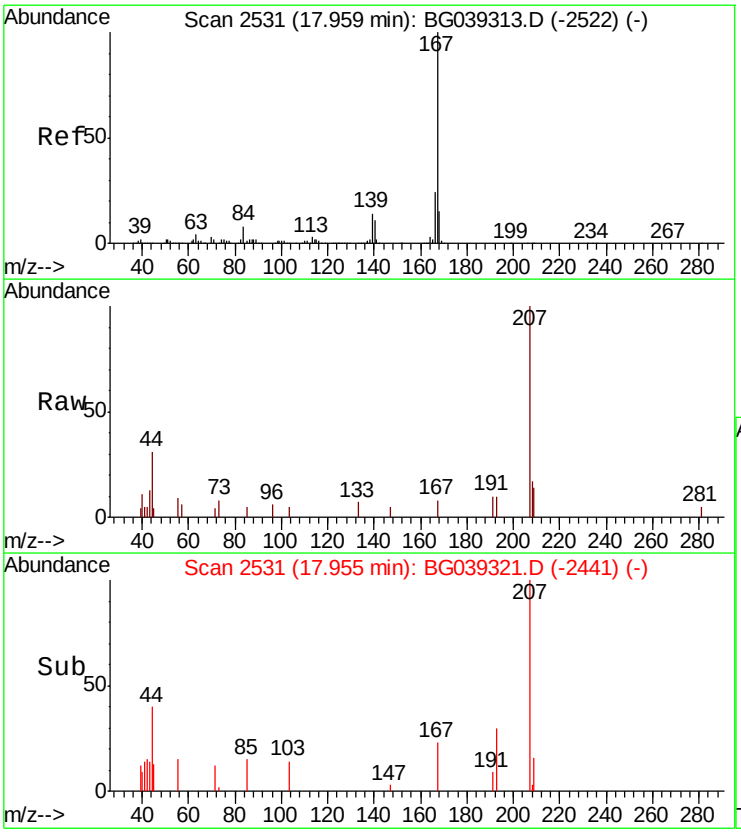
#72
Anthracene
Concen: 0.045 ng
RT: 17.59 min Scan# 2469
Delta R.T. -0.10 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:178 Resp: 588

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.6#
179	0.0	12.5	18.7#

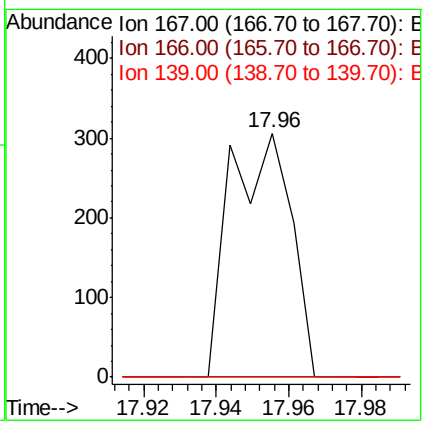


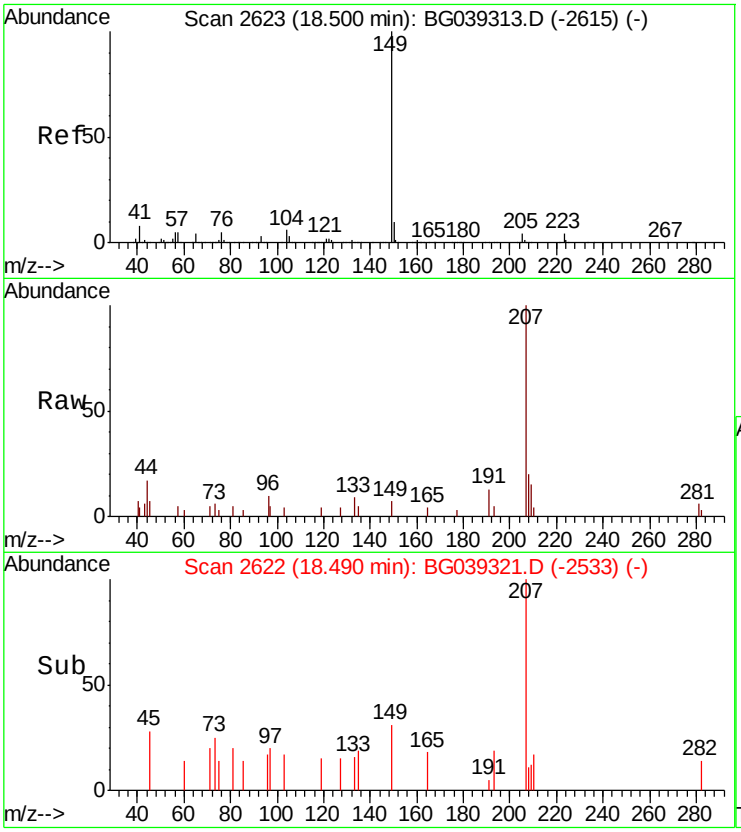


#73
Carbazole
Concen: 0.027 ng
RT: 17.96 min Scan# 2531
Delta R.T. -0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:167 Resp: 356

Ion	Ratio	Lower	Upper
167	100		
166	0.0	19.4	29.2#
139	0.0	10.8	16.2#



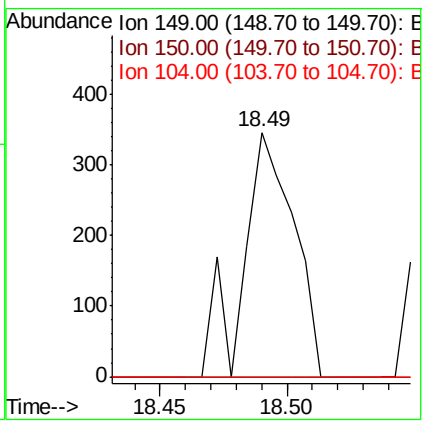


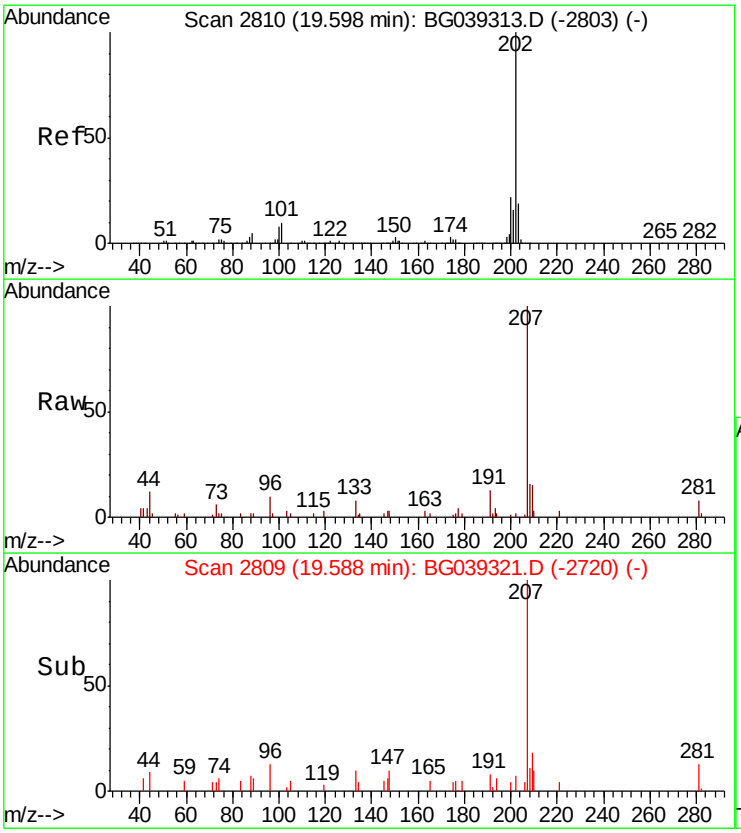
#74
Di-n-butylphthalate
Concen: 0.032 ng
RT: 18.49 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:149 Resp: 489

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.7	11.5#
104	0.0	4.5	6.7#

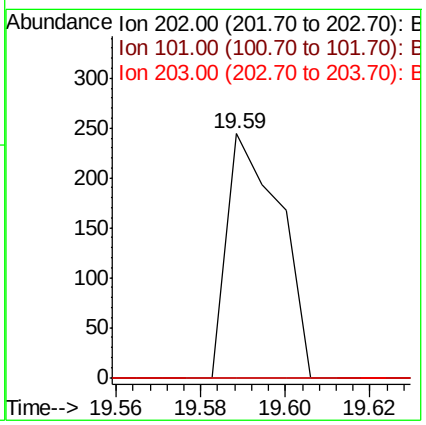


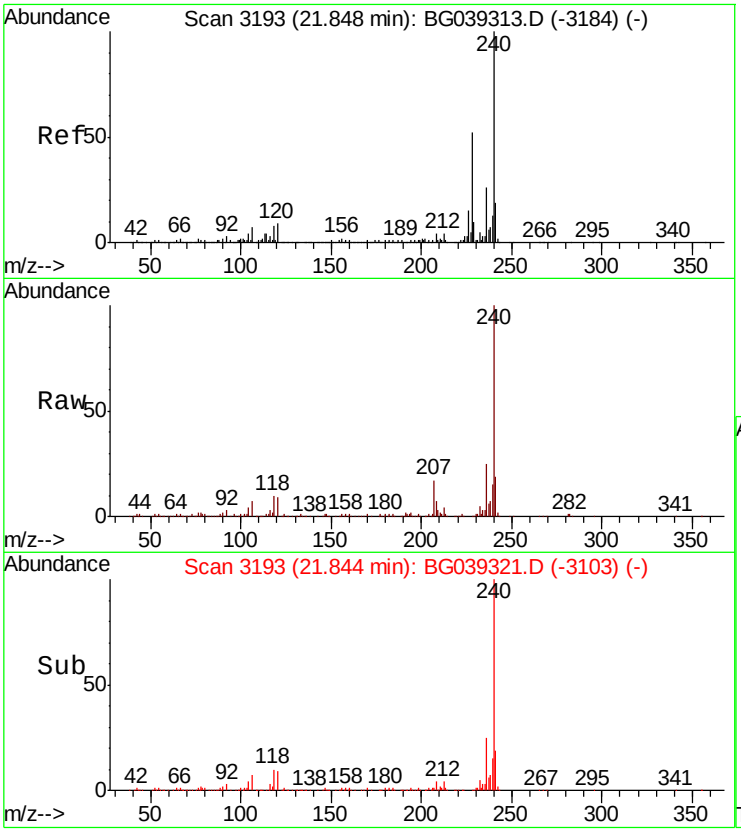


#75
Fluoranthene
Concen: 0.014 ng
RT: 19.59 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:202 Resp: 213

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.0
203	0.0	0.0	38.9



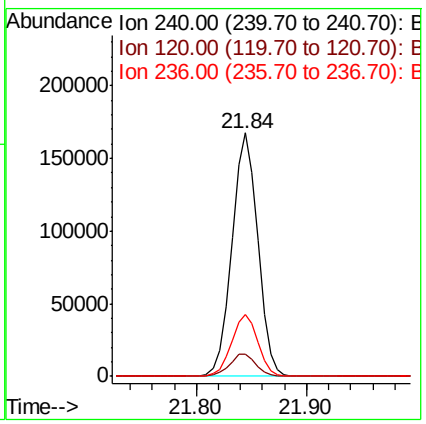


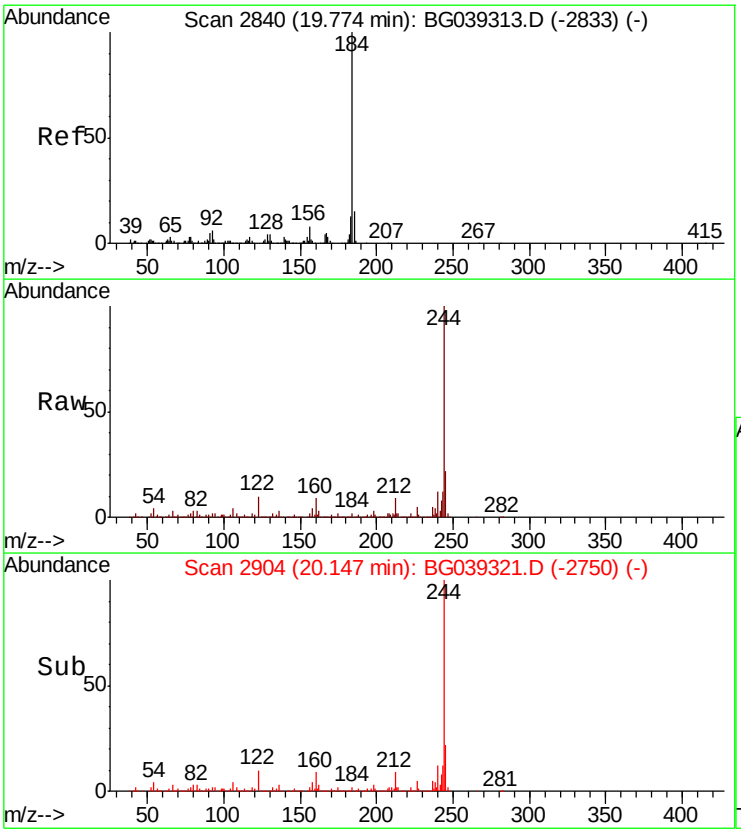
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.84 min Scan# 3193
Delta R.T. -0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:240 Resp: 274962

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.0	10.6
236	25.3	21.0	31.4

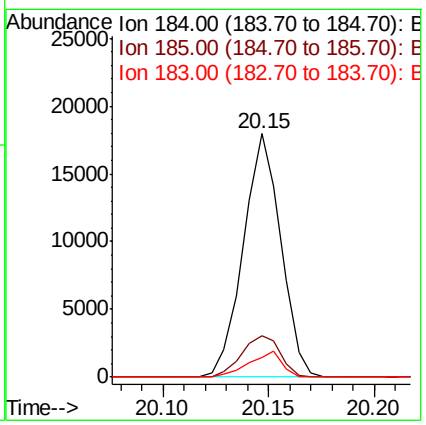


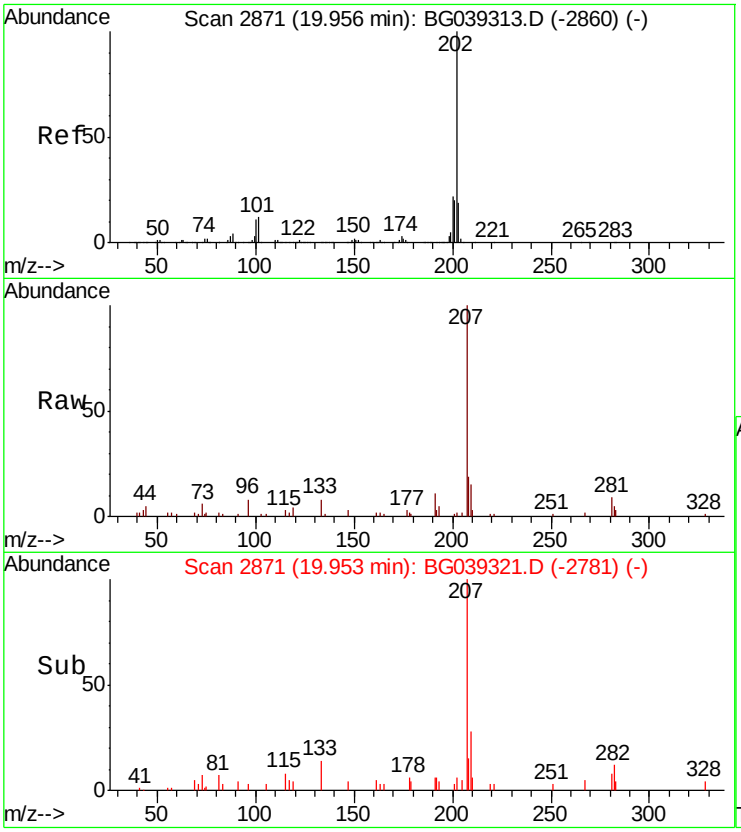


#77
Benzidine
Concen: 2.449 ng
RT: 20.15 min Scan# 2904
Delta R.T. 0.37 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:184 Resp: 22079

Ion	Ratio	Lower	Upper
184	100		
185	17.0	12.2	18.2
183	8.2	10.6	15.8#



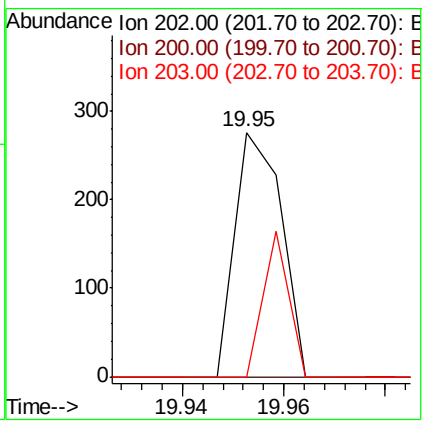


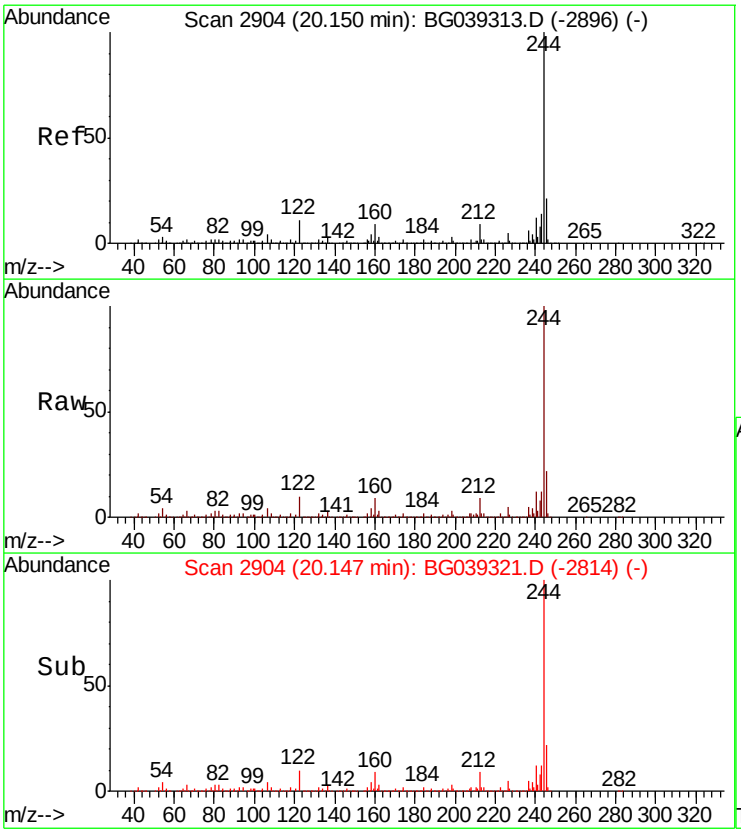
#78
Pyrene
Concen: 0.010 ng
RT: 19.95 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:202 Resp: 178

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.8	26.8#
203	0.0	15.3	22.9#

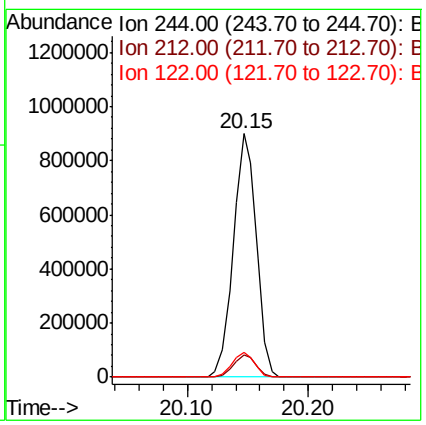


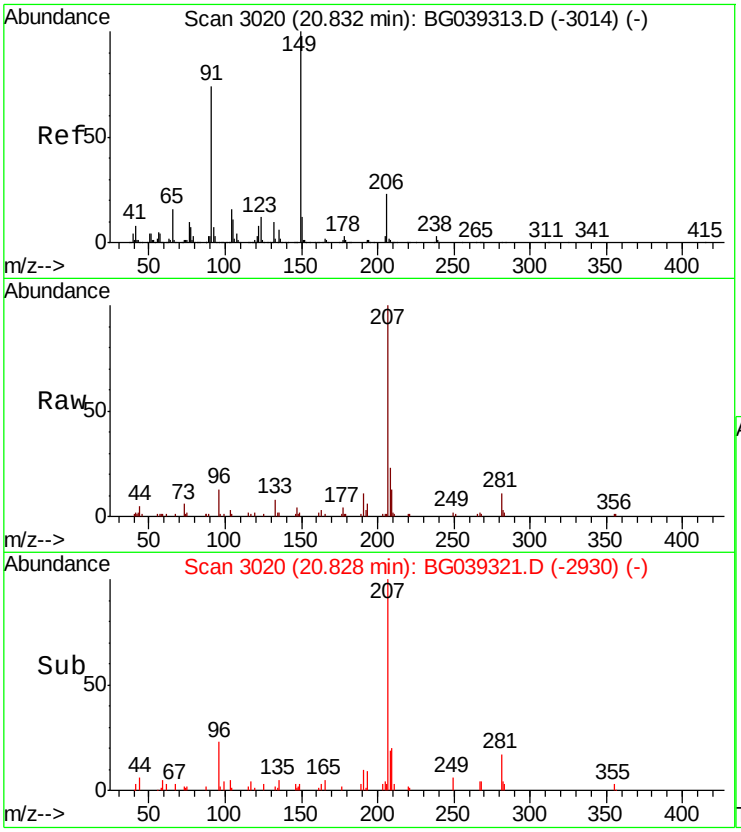


#79
Terphenyl-d14
Concen: 91.598 ng
RT: 20.15 min Scan# 2904
Delta R.T. -0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:244 Resp: 1189875

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	10.2	8.4	12.6



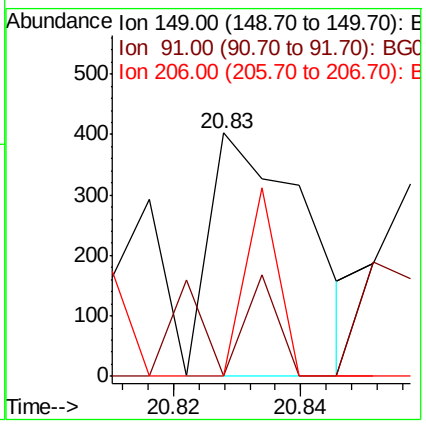


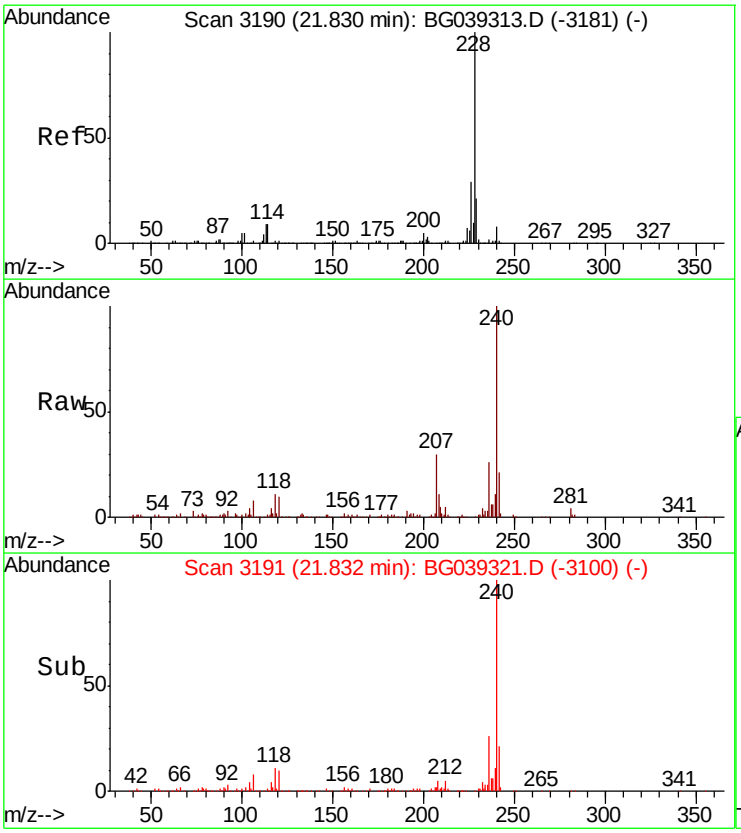
#80
Butylbenzylphthalate
Concen: 0.059 ng
RT: 20.83 min Scan# 3020
Delta R.T. -0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:149 Resp: 424

Ion	Ratio	Lower	Upper
149	100		
91	0.0	59.5	89.3#
206	0.0	18.6	27.8#

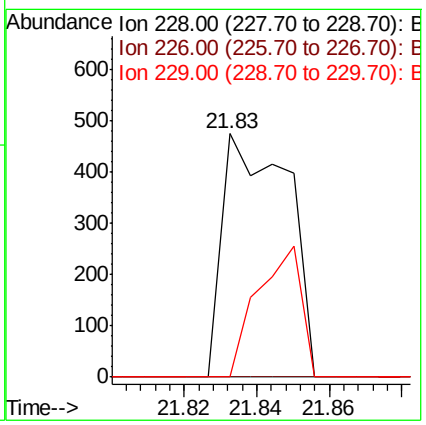


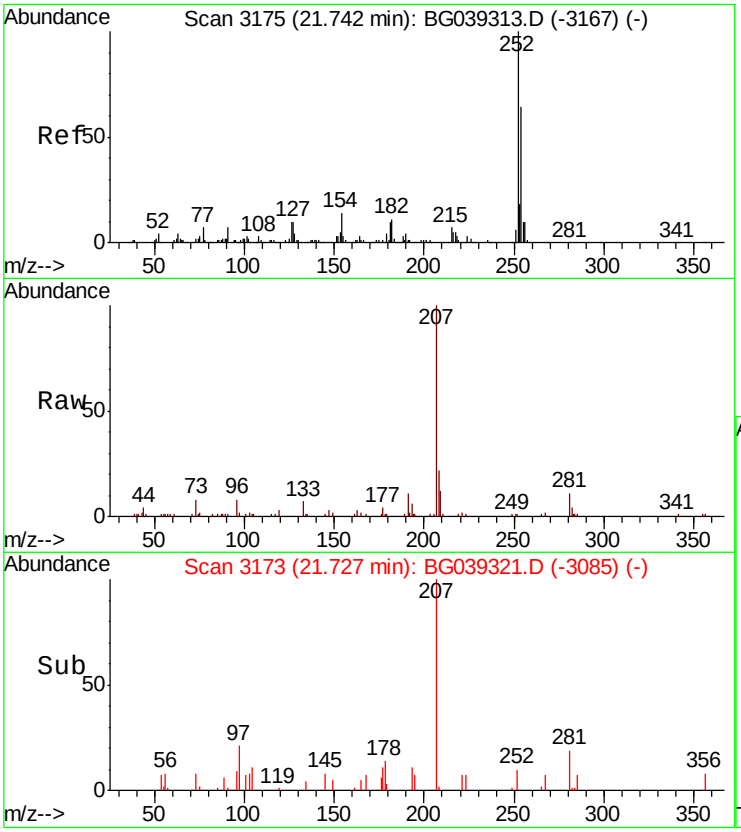


#81
Benzo(a)anthracene
Concen: 0.036 ng
RT: 21.83 min Scan# 3191
Delta R.T. 0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:228 Resp: 593

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	0.0	16.9	25.3#



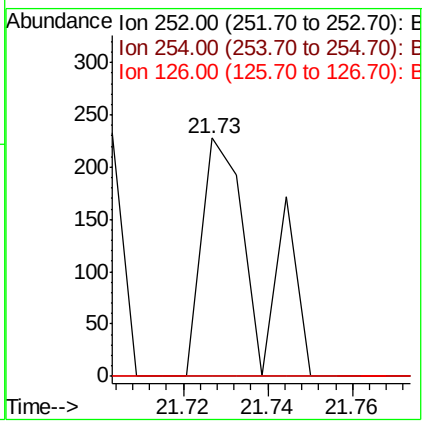


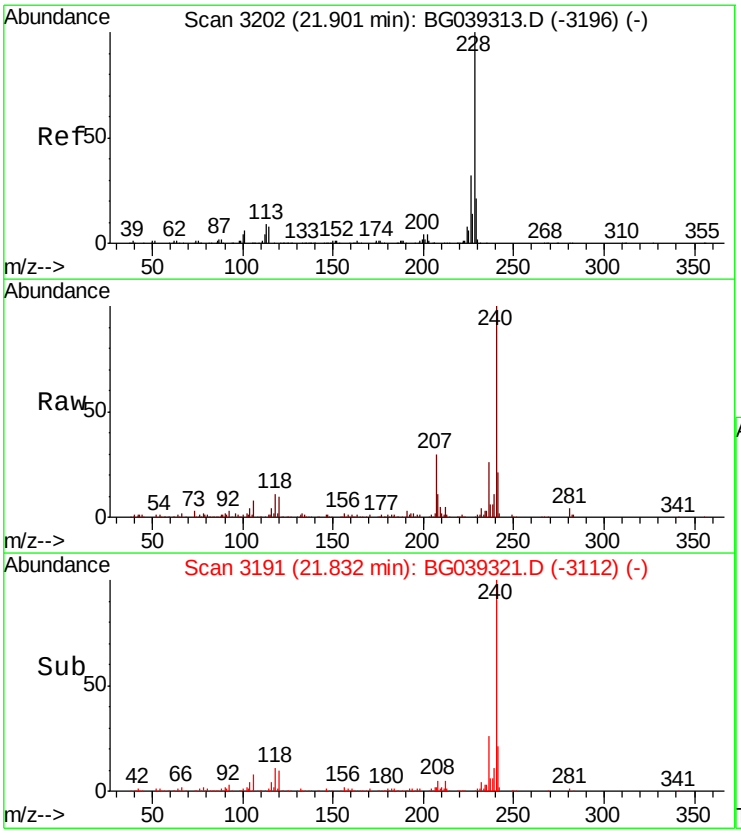
#82
3,3'-Dichlorobenzidine
Concen: 0.035 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.02 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:252 Resp: 209

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.3	76.9#
126	0.0	8.0	12.0#

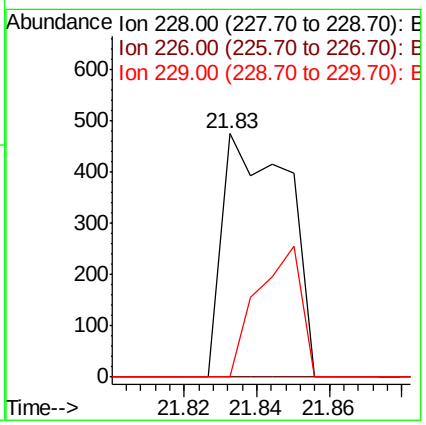


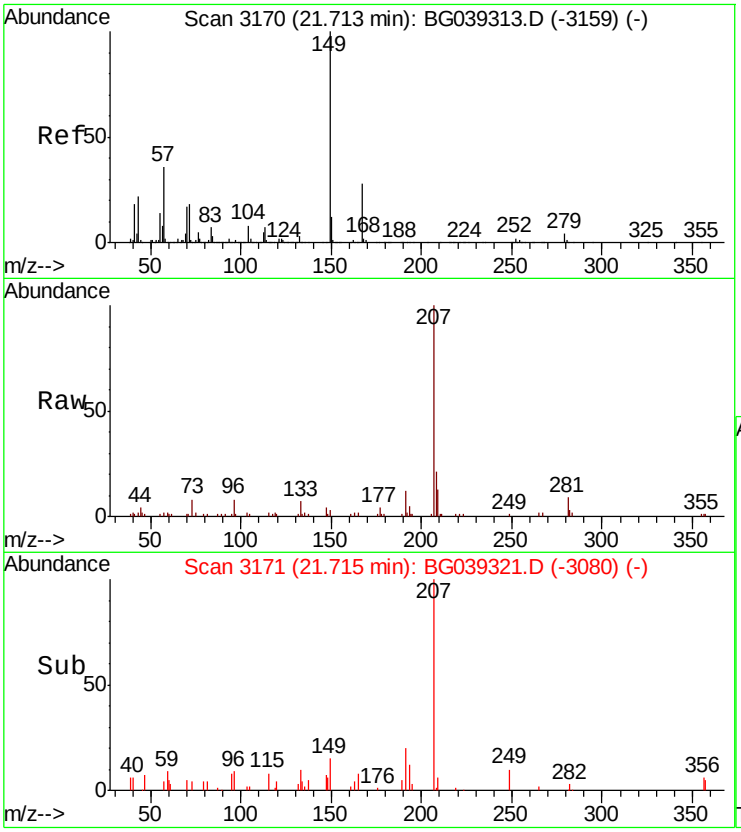


#83
Chrysene
Concen: 0.038 ng
RT: 21.83 min Scan# 3191
Delta R.T. -0.07 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:228 Resp: 593

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.8	38.6#
229	0.0	16.6	25.0#



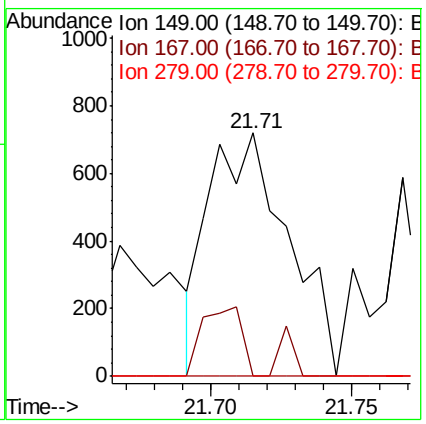


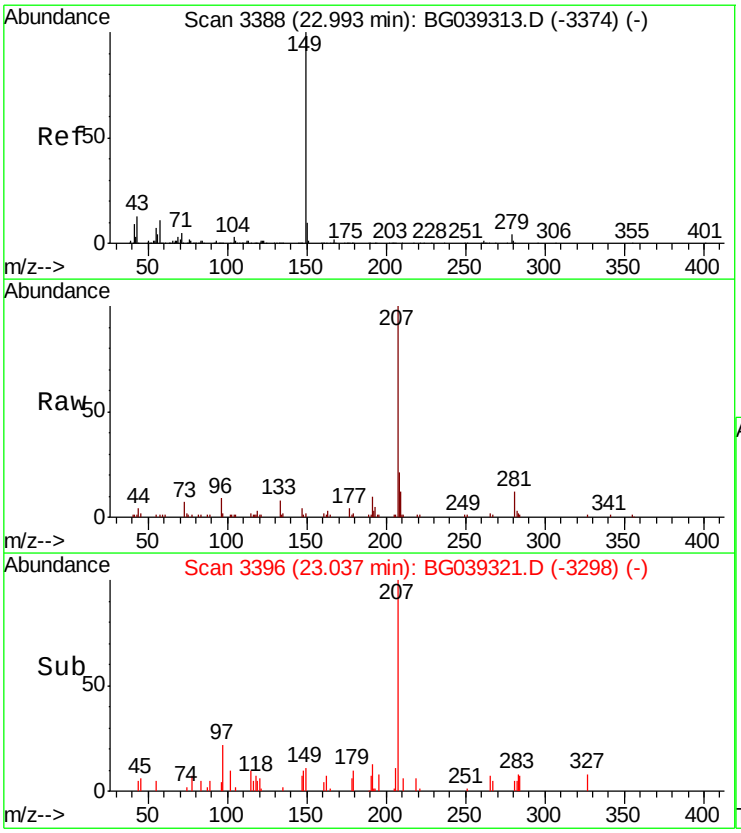
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.136 ng
RT: 21.71 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:149 Resp: 1401

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.6	34.0#
279	0.0	3.5	5.3#

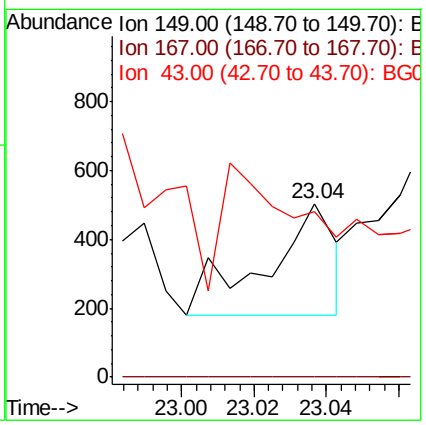


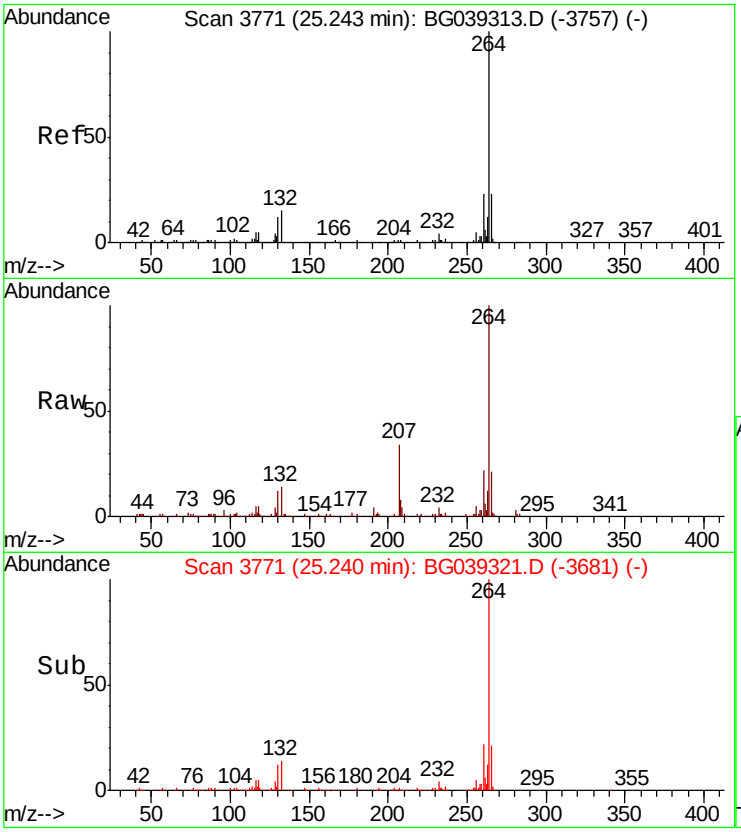


#85
Di-n-octyl phthalate
Concen: 0.026 ng
RT: 23.04 min Scan# 3396
Delta R.T. 0.04 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:149 Resp: 438

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	10.2	15.4#



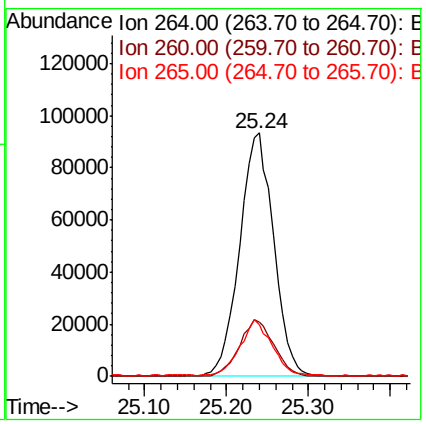


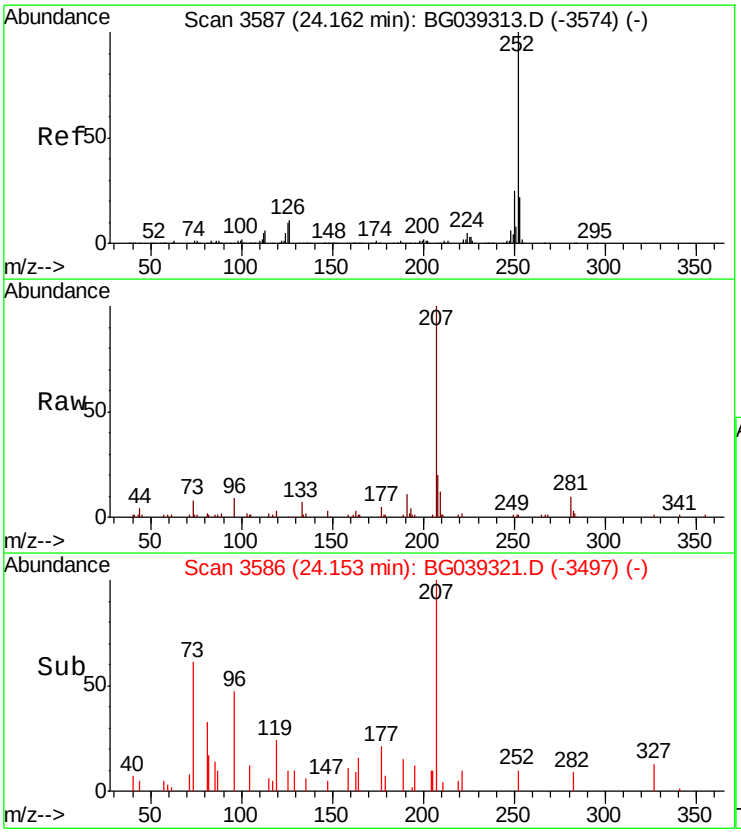
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.24 min Scan# 3771
Delta R.T. -0.00 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:264 Resp: 269855

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.1	18.5	27.7

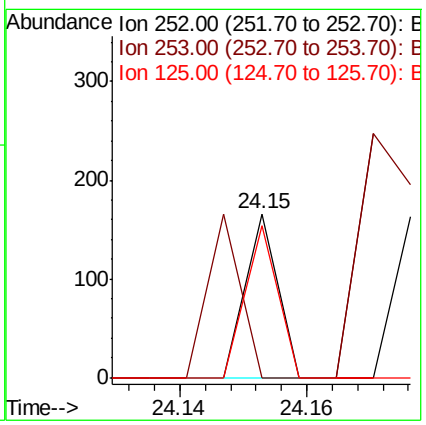


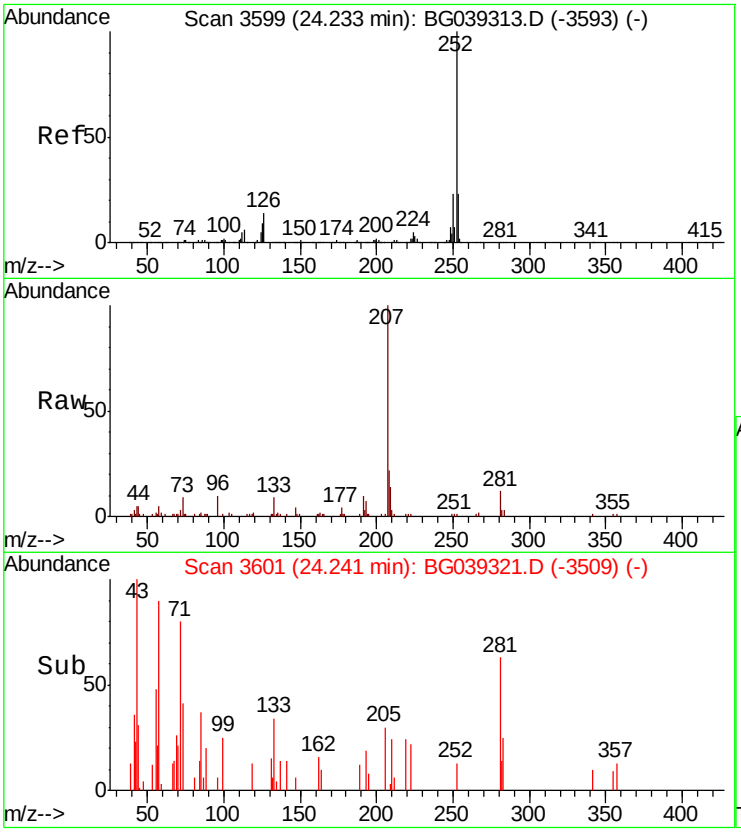


#88
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 24.15 min Scan# 3586
Delta R.T. -0.01 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:252 Resp: 59

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.8#
125	92.8	7.8	11.6#



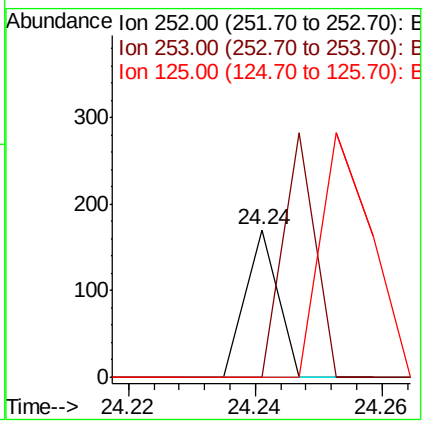


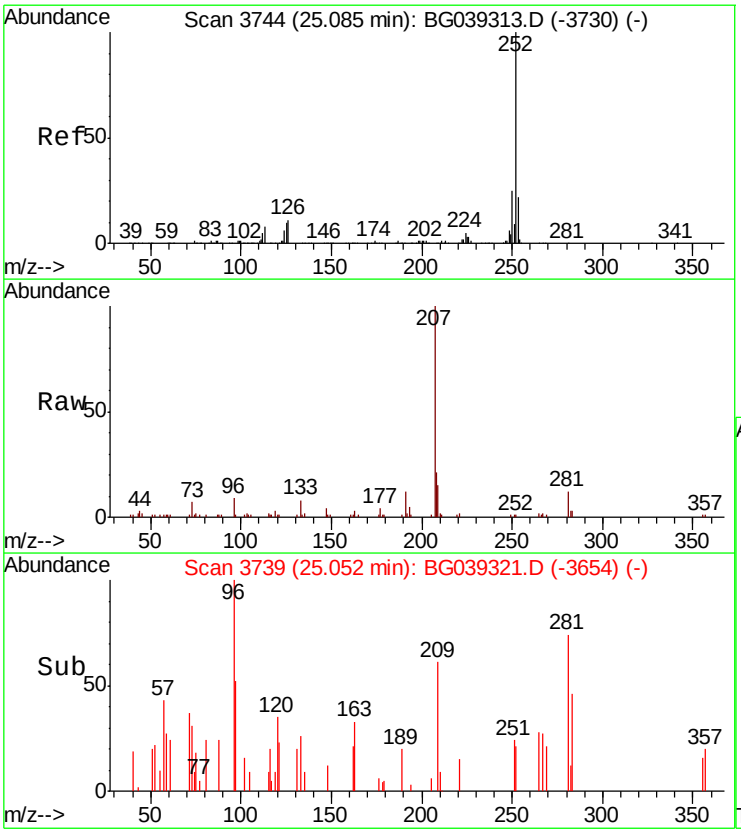
#89
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 24.24 min Scan# 3601
Delta R.T. 0.01 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Instrument :
BNA_G
ClientSampleId :
TR-05-012819

Tgt Ion:252 Resp: 60

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.2#
125	0.0	7.4	11.2#





#90
Benzo(a)pyrene
Concen: 0.004 ng
RT: 25.05 min Scan# 3739
Delta R.T. -0.03 min
Lab File: BG039321.D
Acq: 29 Jan 2019 17:43

Tgt Ion:252 Resp: 61

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.9	26.9#
125	0.0	8.3	12.5#