Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\

Quantitation Report (Not Reviewed)

Data File : BG042272.D
Acq On : 16 Aug 2019 23:05
Operator : HP/JU
Sample : K4231-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : REACTOR-3-B-(0-3)MSD

Quant Time: Aug 17 00:41:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	60011	20.00	ng		-0.04
21) Naphthalene-d8	10.84	136	232810	20.00	ng		-0.04
39) Acenaphthene-d10	14.67	164	174979	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	404638	20.00	ng		-0.03
76) Chrysene-d12	21.71	240	436302	20.00	ng		-0.02
87) Perylene-d12	24.96	264	530910	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	406494	131.79	ng		-0.02
7) Phenol-d6	7.18	99	516988	124.33	ng		-0.02
23) Nitrobenzene-d5	9.18	82	333508	98.58	ng		-0.03
42) 2,4,6-Tribromophenol	16.17	330	343133	172.64	ng		-0.02
45) 2-Fluorobiphenyl	13.29	172	993254	100.12	ng		-0.04
79) Terphenyl-d14	20.04	244	1793482	94.06	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	46138	31.781	ng	#	40
3) Pyridine	3.85	79	94339	23.697	ng	#	74
4) n-Nitrosodimethylamine	3.75	42	47352	30.004	ng	#	74
6) Aniline	7.34	93	71688	12.243	ng		89
8) 2-Chlorophenol	7.58	128	169081	47.872	ng		88
9) Benzaldehyde	7.14	77	52171	17.830	ng		84
10) Phenol	7.21	94	173024	39.996	ng		94
11) bis(2-Chloroethyl)ether	7.43	93	140365	39.468	ng		87
12) 1,3-Dichlorobenzene	8.05	146	164356	35.654	ng		96
13) 1,4-Dichlorobenzene	8.05	146	164356	35.633	ng		98
14) 1,2-Dichlorobenzene	8.37	146	157649	35.819	ng		94
15) Benzyl Alcohol	8.25	79	127955	39.113	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	173848	27.476	ng		89
17) 2-Methylphenol	8.46	107	136152	43.276	ng		96
18) Hexachloroethane	9.10	117	53288	33.736	ng		91
19) n-Nitroso-di-n-propylamine	8.82	70	110498	36.601	ng	#	82
20) 3+4-Methylphenols	8.79	107	188250	43.725	ng		97
22) Acetophenone	8.84	105	236503	45.417	ng	#	88
24) Nitrobenzene	9.23	77	158645	44.512	ng		92
25) Isophorone	9.75	82	320300	43.523	ng		96
26) 2-Nitrophenol	9.94	139	103116	62.339	ng	#	87
27) 2,4-Dimethylphenol	10.00	122	162003	55.491	ng		97
28) bis(2-Chloroethoxy)methane	10.23	93	197700	42.988	ng		99
29) 2,4-Dichlorophenol	10.48	162	198789	55.915	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	198832	44.103	ng		97
31) Naphthalene	10.89	128	481589	45.198	ng		98
32) Benzoic acid	10.13	122	5038	10.705	ng	#	72
33) 4-Chloroaniline	11.01	127	14360	2.842	ng	#	91
34) Hexachlorobutadiene	11.18	225	123108	40.460	ng		98
35) Caprolactam	11.77	113	19128	15.481	ng	#	63
36) 4-Chloro-3-methylphenol	12.12	107	183954	52.190	ng		94
37) 2-Methylnaphthalene	12.50	142	402504	47.725	ng		99
38) 1-Methylnaphthalene	12.72	142	386158	48.315	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	254097	45.876	ng	#	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\

Quantitation Report (Not Reviewed)

Data File : BG042272.D
Acq On : 16 Aug 2019 23:05
Operator : HP/JU
Sample : K4231-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : REACTOR-3-B-(0-3)MSD

Quant Time: Aug 17 00:41:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	230688	74.079 ng		99
43) 2,4,6-Trichlorophenol	13.11	196	182195	52.044 ng		97
44) 2,4,5-Trichlorophenol	13.18	196	193386	53.158 ng	#	92
46) 1,1'-Biphenyl	13.50	154	528651	46.999 ng		94
47) 2-Chloronaphthalene	13.55	162	435148	45.439 ng		96
48) 2-Nitroaniline	13.75	65	103528	42.625 ng	#	71
49) Acenaphthylene	14.40	152	696063	48.591 ng		97
50) Dimethylphthalate	14.13	163	589496	49.329 ng		98
51) 2,6-Dinitrotoluene	14.25	165	141524	56.636 ng	#	76
52) Acenaphthene	14.74	154	410732	44.084 ng		99
53) 3-Nitroaniline	14.57	138	43417	16.241 ng		81
54) 2,4-Dinitrophenol	14.79	184	83875	60.927 ng	#	78
55) Dibenzofuran	15.07	168	691881	48.550 ng		93
56) 4-Nitrophenol	14.90	139	215164	106.033 ng	#	82
57) 2,4-Dinitrotoluene	15.04	165	194489	56.596 ng	#	81
58) Fluorene	15.73	166	561738	49.119 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	194796	54.064 ng	#	90
60) Diethylphthalate	15.49	149	561773	47.882 ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	328115	46.996 ng		93
62) 4-Nitroaniline	15.74	138	130783	45.167 ng		90
63) Azobenzene	16.01	77	394529	41.165 ng		88
65) 4,6-Dinitro-2-methylphenol	15.81	198	81080	41.948 ng		79
66) n-Nitrosodiphenylamine	15.93	169	527449	47.854 ng		97
67) 4-Bromophenyl-phenylether	16.61	248	227614	45.666 ng		94
68) Hexachlorobenzene	16.74	284	241956	46.401 ng	#	92
69) Atrazine	16.88	200	201035	46.422 ng		98
70) Pentachlorophenol	17.08	266	272788	92.088 ng		98
71) Phenanthrene	17.47	178	939027	48.415 ng		94
72) Anthracene	17.56	178	961154	49.688 ng		94
73) Carbazole	17.83	167	872751	50.268 ng		94
74) Di-n-butylphthalate	18.39	149	991729	50.385 ng	#	95
75) Fluoranthene	19.48	202	1201744	50.974 ng		91
77) Benzidine	19.66	184	83440	5.859 ng		96
78) Pyrene	19.84	202	1227725	47.494 ng		92
80) Butylbenzylphthalate	20.73	149	487160	49.153 ng	#	85
81) Benzo(a)anthracene	21.69	228	1208966	46.834 ng		94
82) 3,3'-Dichlorobenzidine	21.60	252	205105	19.790 ng	#	95
83) Chrysene	21.76	228	1181678	47.756 ng		94
84) Bis(2-ethylhexyl)phthalate	21.60	149	680815	49.798 ng		97
85) Di-n-octyl phthalate	22.82	149	1175582	51.094 ng	#	85
86) Indeno(1,2,3-cd)pyrene	28.70	276	1632266	49.832 ng	#	94
88) Benzo(b)fluoranthene	23.93	252	1370953	47.204 ng	#	96
89) Benzo(k)fluoranthene	24.00	252	1318724	46.613 ng	#	95
90) Benzo(a)pyrene	24.82	252	1339387	48.085 ng	#	96
91) Dibenzo(a,h)anthracene	28.76	278	1341282	49.040 ng	#	95
92) Benzo(g,h,i)perylene	29.87	276	1362515	49.863 ng	#	93

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

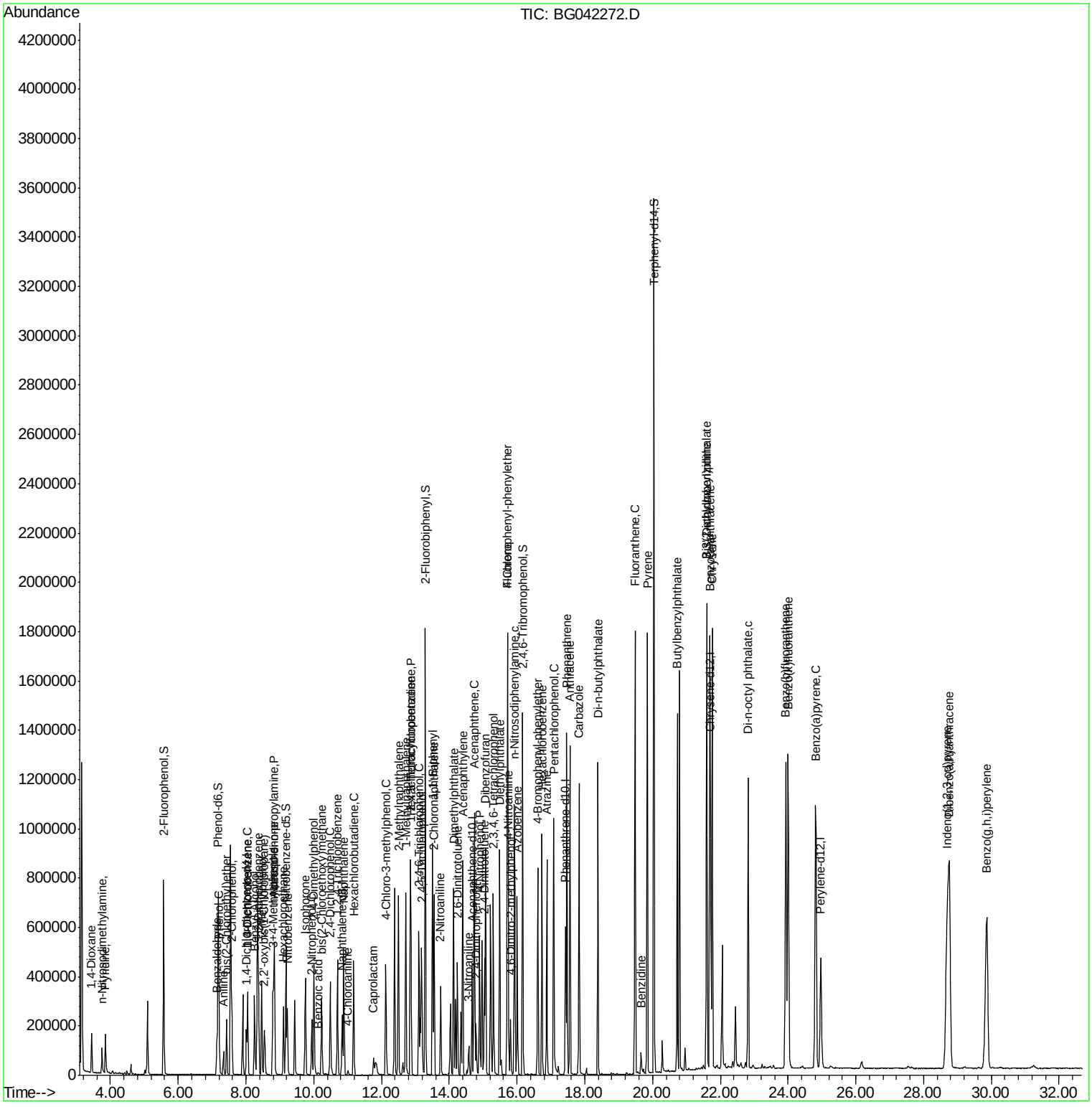
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\

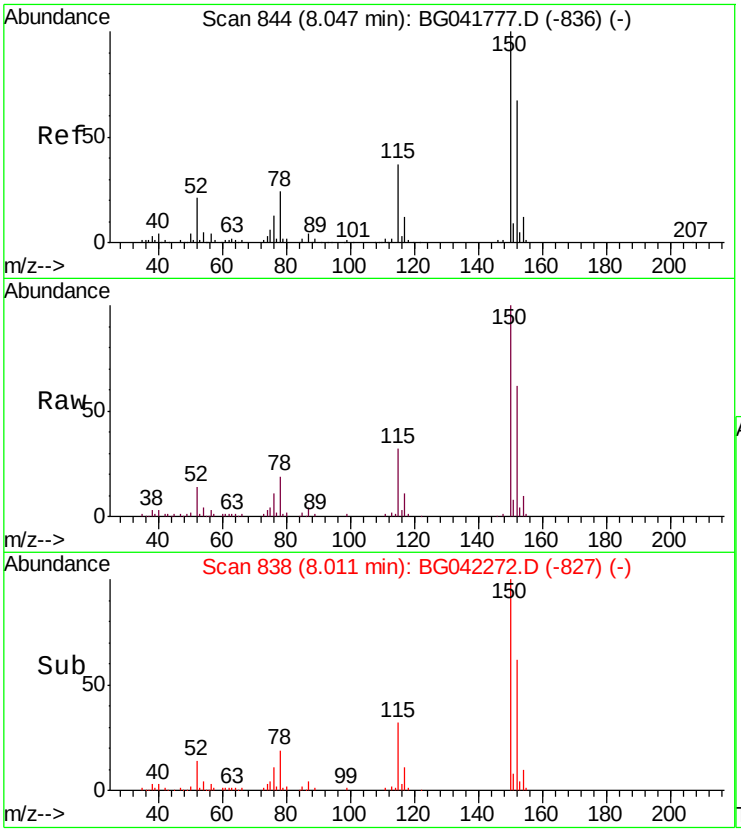
Quantitation Report (Not Reviewed)

Data File : BG042272.D
Acq On : 16 Aug 2019 23:05
Operator : HP/JU
Sample : K4231-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Quant Time: Aug 17 00:41:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration



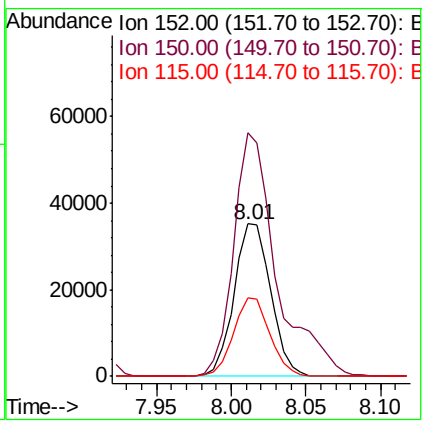


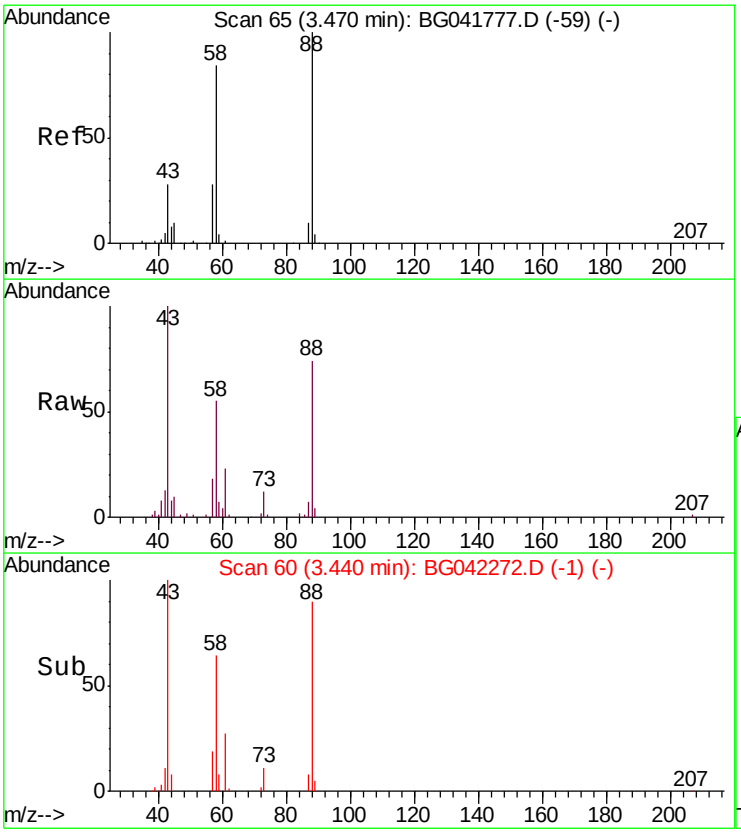
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.04 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:152 Resp: 60011

Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.9	190.3
115	51.9	45.0	67.6

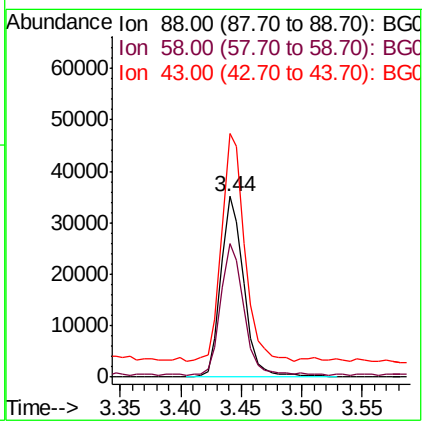


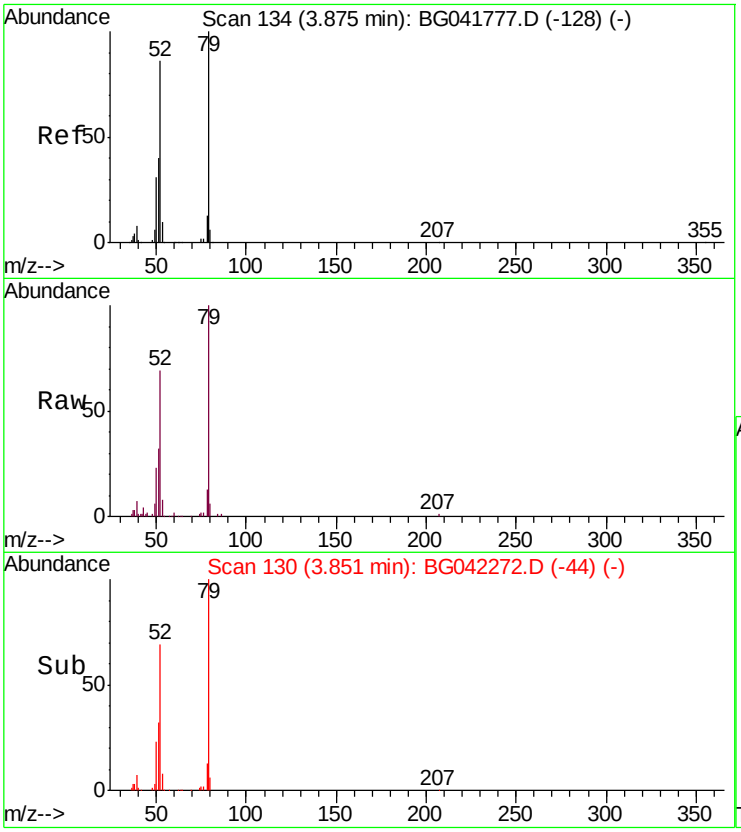


#2
1,4-Dioxane
Concen: 31.781 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion: 88 Resp: 46138

Ion	Ratio	Lower	Upper
88	100		
58	72.0	76.2	114.2#
43	127.3	27.2	40.8#



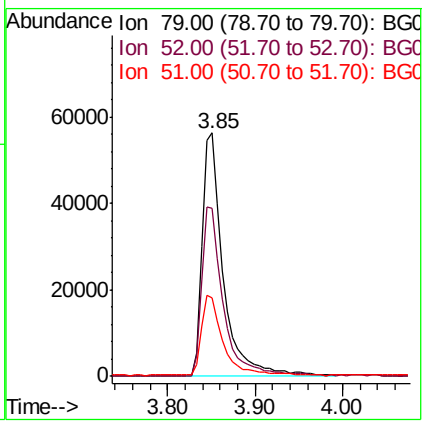


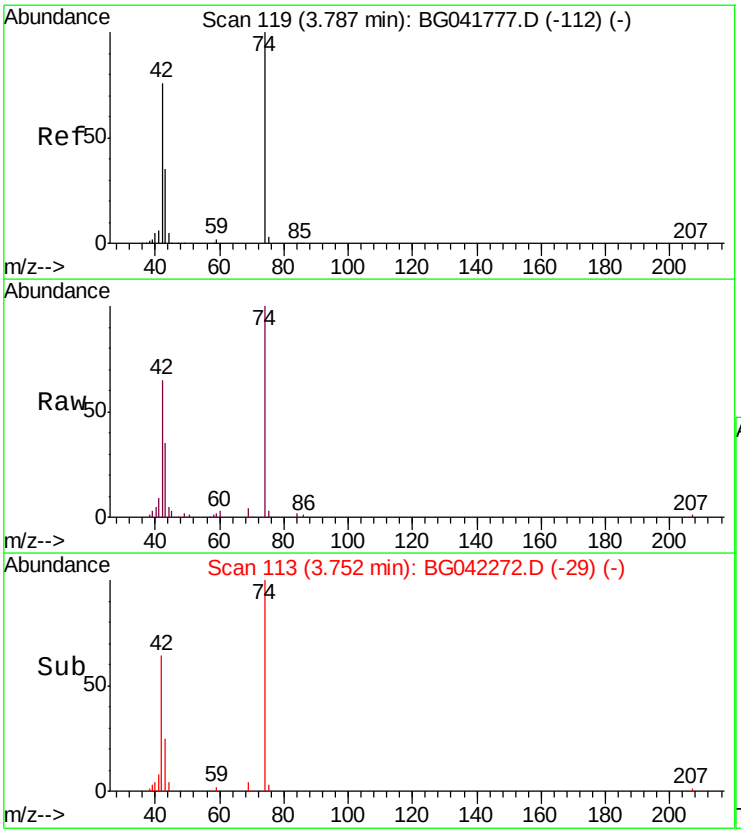
#3
Pyridine
Concen: 23.697 ng
RT: 3.85 min Scan# 130
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion: 79 Resp: 94339

Ion	Ratio	Lower	Upper
79	100		
52	69.3	77.1	115.7#
51	32.2	37.8	56.8#

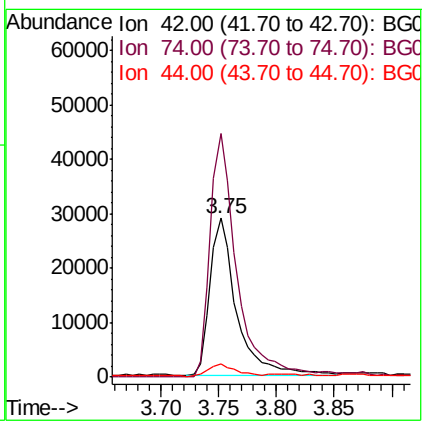


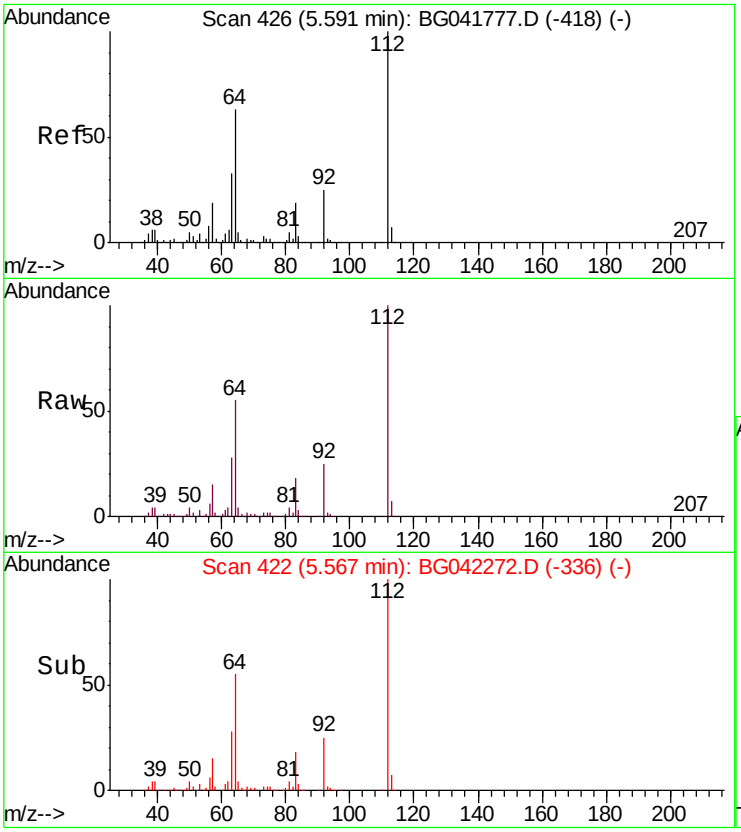


#4
n-Nitrosodimethylamine
Concen: 30.004 ng
RT: 3.75 min Scan# 113
Delta R.T. -0.04 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion: 42 Resp: 47352

Ion	Ratio	Lower	Upper
42	100		
74	153.0	97.4	146.2#
44	8.0	6.6	9.8



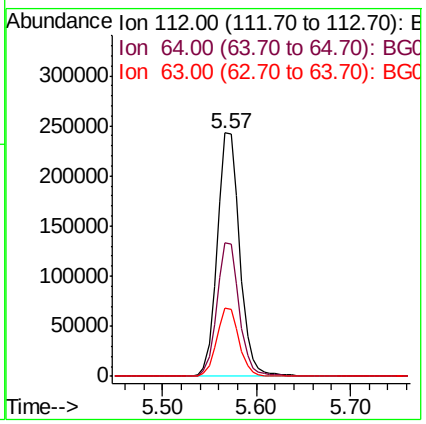


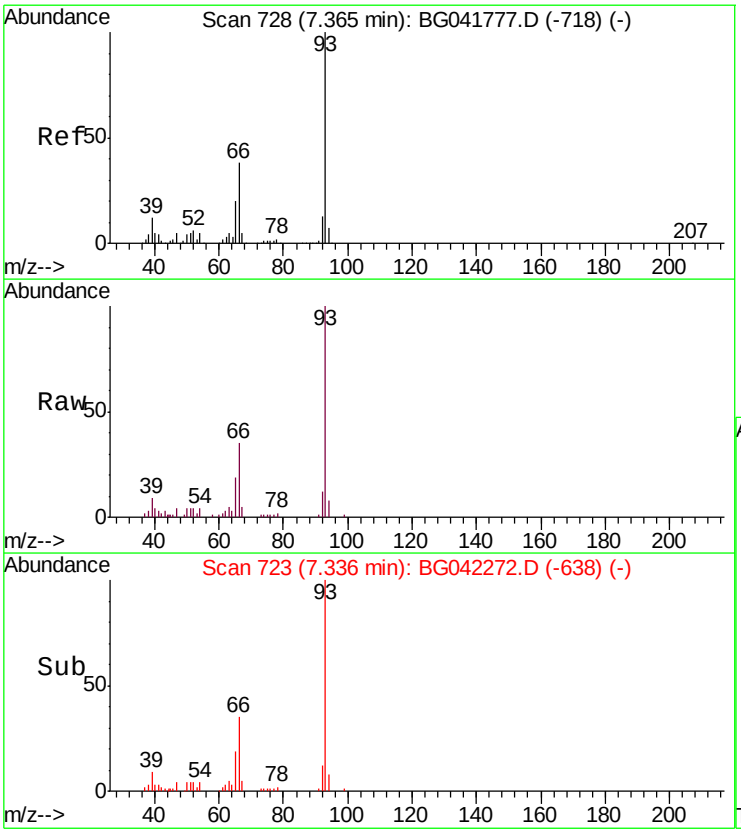
#5
2-Fluorophenol
Concen: 131.790 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:112 Resp: 406494

Ion	Ratio	Lower	Upper
112	100		
64	54.9	55.4	83.2#
63	28.3	29.1	43.7#

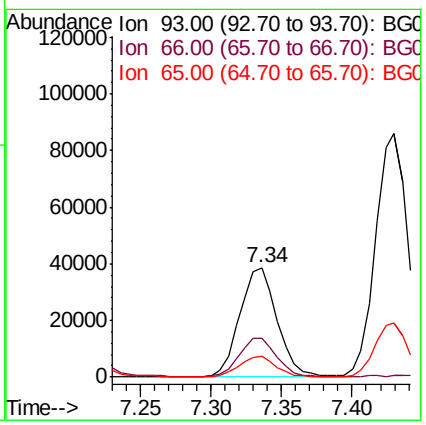


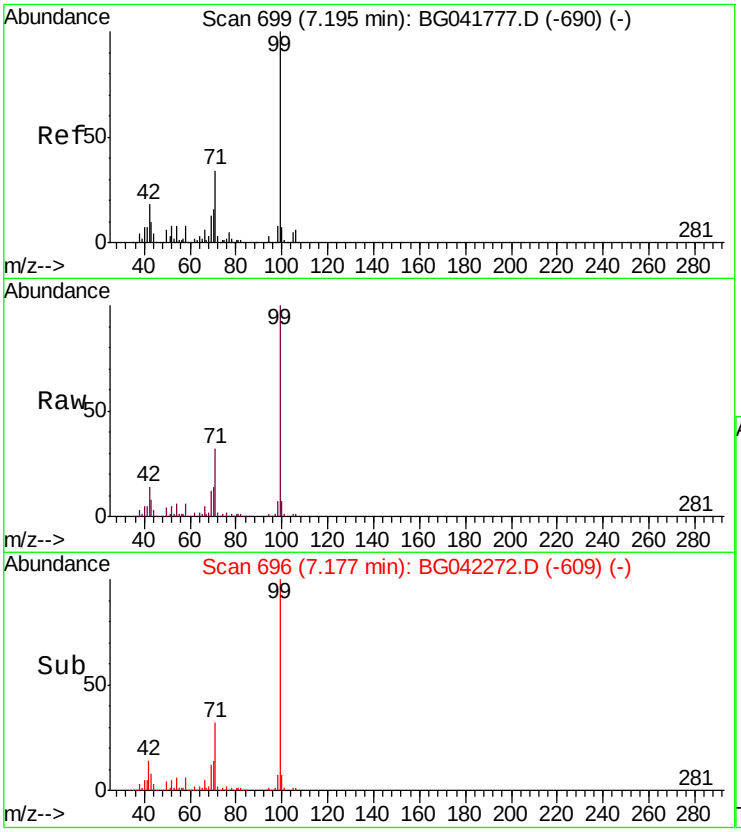


#6
Aniline
Concen: 12.243 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion: 93 Resp: 71688

Ion	Ratio	Lower	Upper
93	100		
66	35.2	34.2	51.2
65	18.7	18.2	27.2



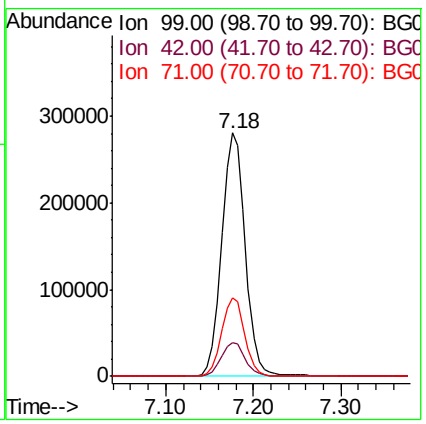


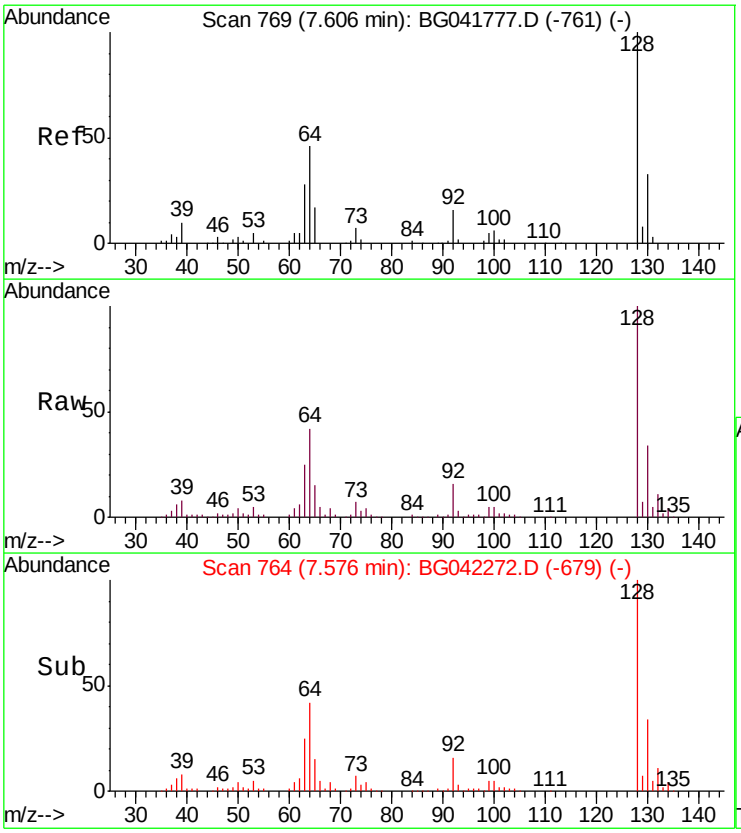
#7
Phenol-d6
Concen: 124.327 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion: 99 Resp: 516988

Ion	Ratio	Lower	Upper
99	100		
42	13.9	17.6	26.4#
71	32.2	27.8	41.6

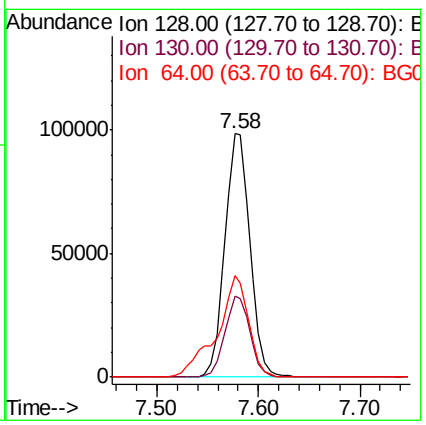


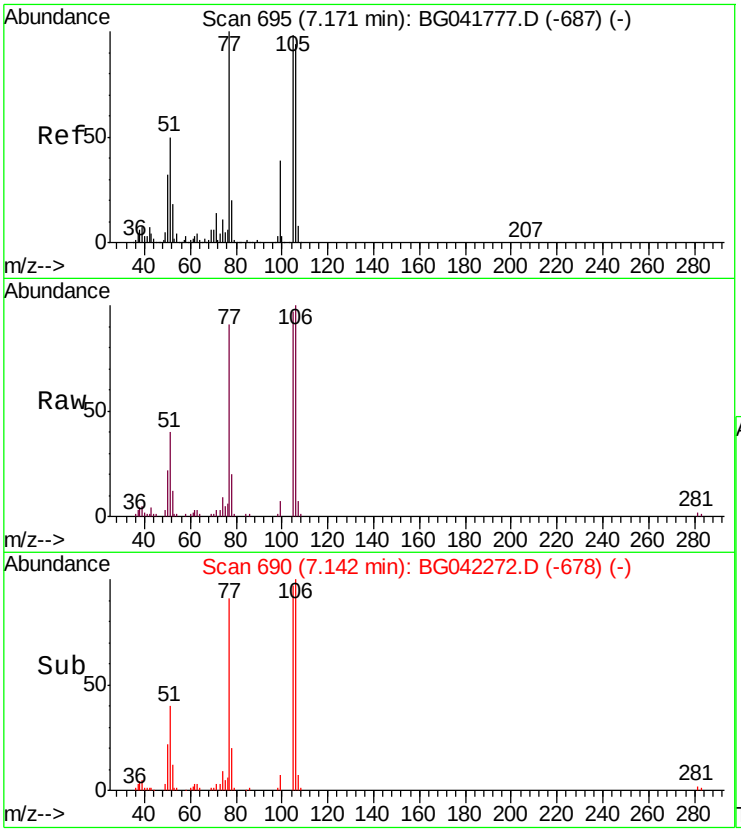


#8
2-Chlorophenol
Concen: 47.872 ng
RT: 7.58 min Scan# 764
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:128 Resp: 169081

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.4	52.4
64	41.7	34.9	74.9



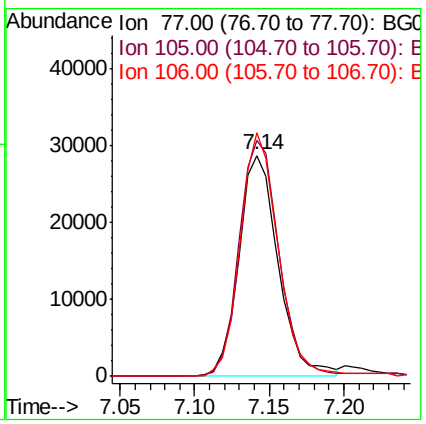


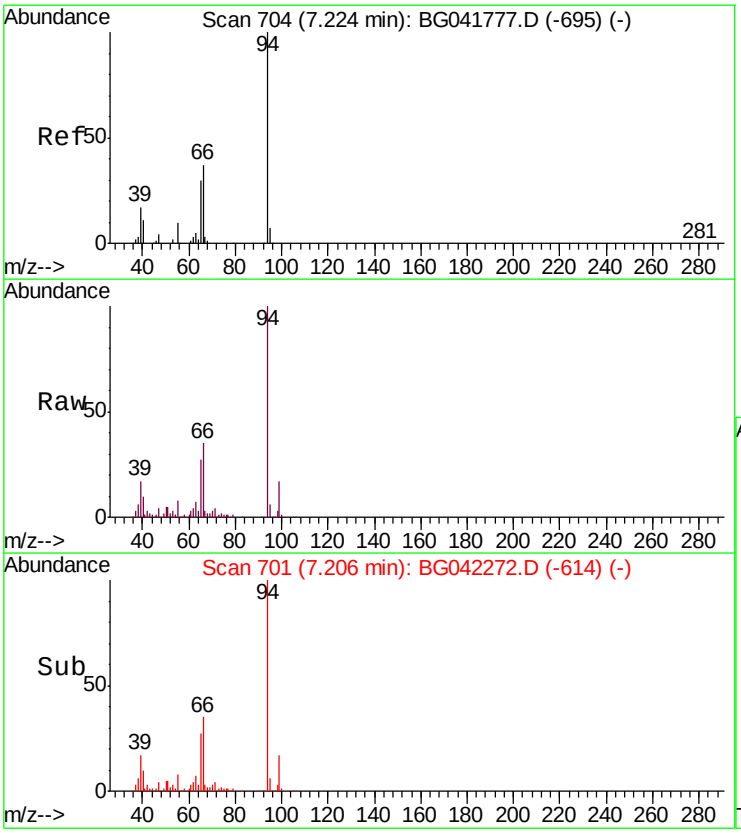
#9
Benzaldehyde
Concen: 17.830 ng
RT: 7.14 min Scan# 690
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion: 77 Resp: 52171

Ion	Ratio	Lower	Upper
77	100		
105	106.5	74.6	114.6
106	110.2	71.1	111.1

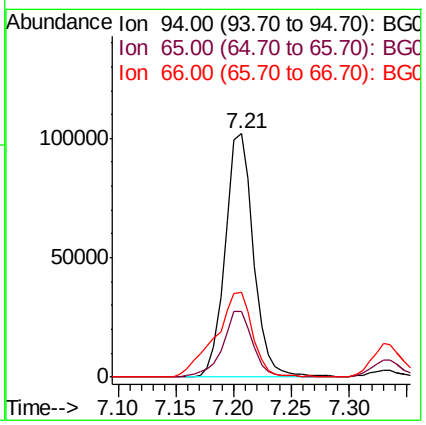


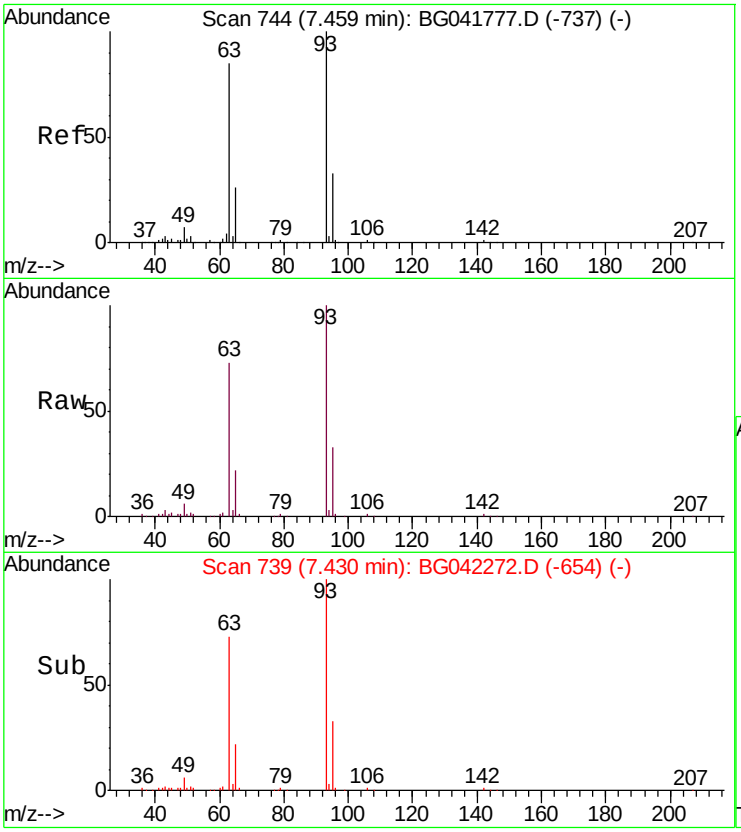


#10
Phenol
Concen: 39.996 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion: 94 Resp: 173024

Ion	Ratio	Lower	Upper
94	100		
65	27.0	10.6	50.6
66	35.1	18.2	58.2



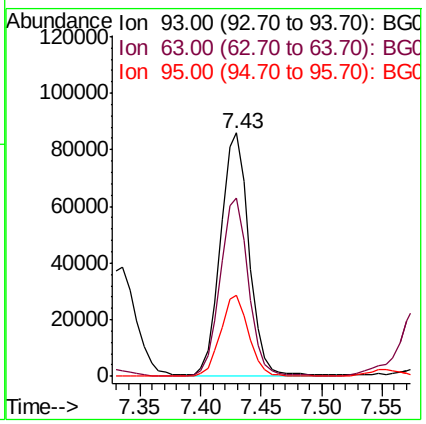


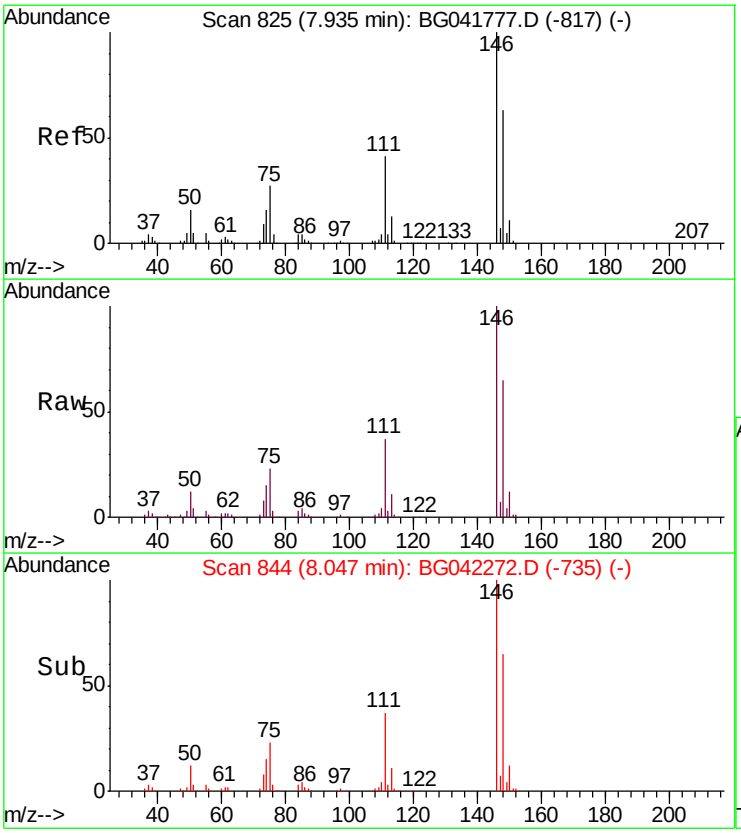
#11
bis(2-Chloroethyl)ether
Concen: 39.468 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion: 93 Resp: 140365

Ion	Ratio	Lower	Upper
93	100		
63	73.4	70.4	110.4
95	33.2	12.8	52.8

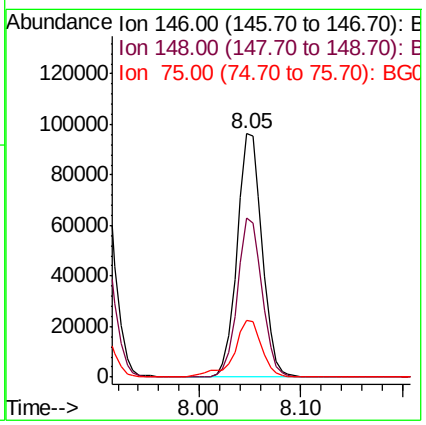


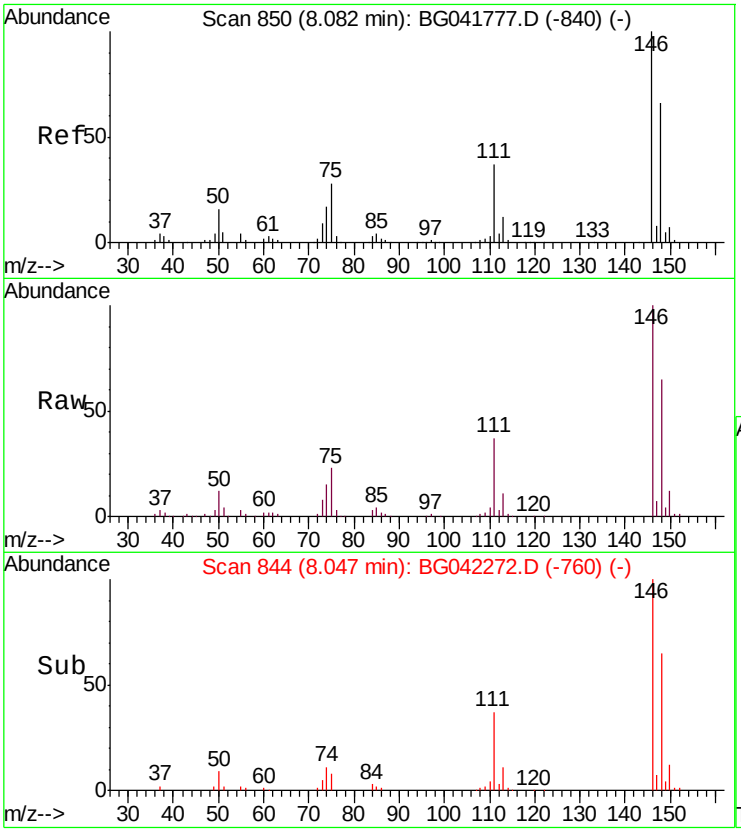


#12
1,3-Dichlorobenzene
Concen: 35.654 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.11 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:146 Resp: 164356

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.5	77.3
75	23.4	23.2	34.8



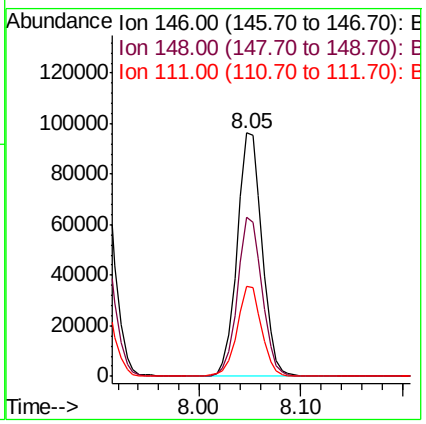


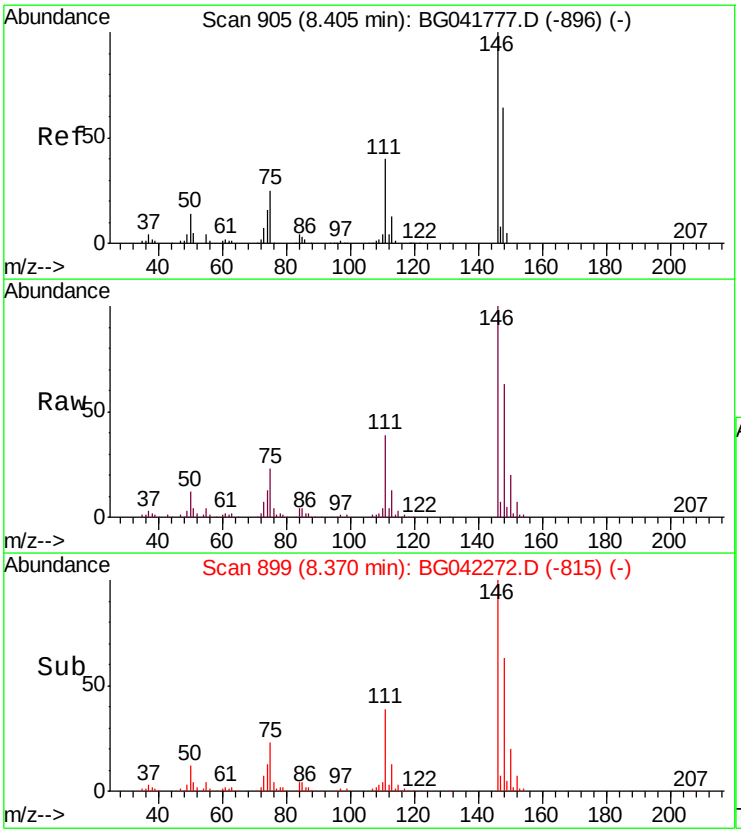
#13
1,4-Dichlorobenzene
Concen: 35.633 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.04 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:146 Resp: 164356

Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.6	79.0
111	37.1	32.5	48.7

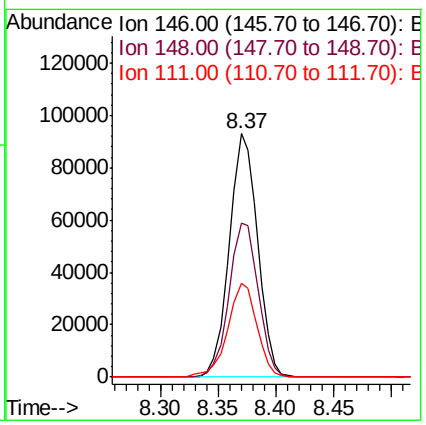


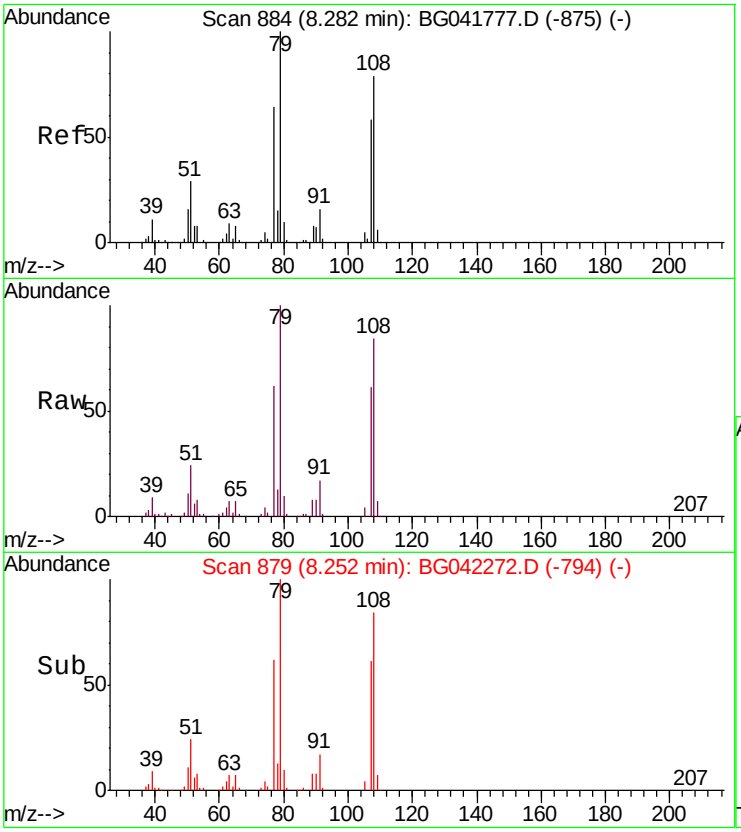


#14
1,2-Dichlorobenzene
Concen: 35.819 ng
RT: 8.37 min Scan# 899
Delta R.T. -0.04 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:146 Resp: 157649

Ion	Ratio	Lower	Upper
146	100		
148	63.3	53.5	80.3
111	38.7	35.4	53.0



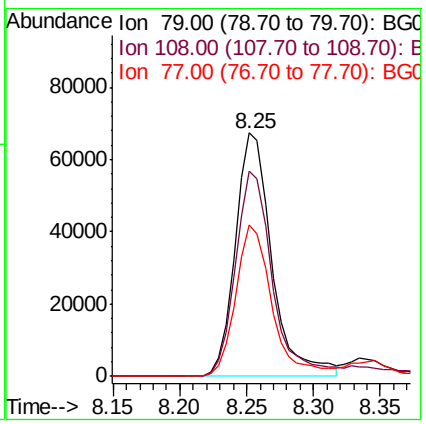


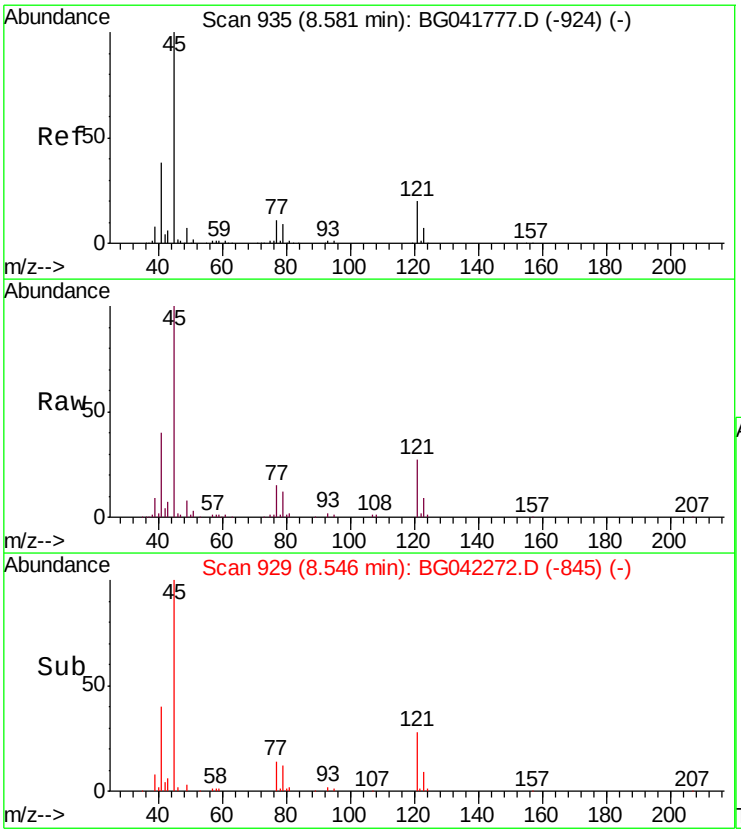
#15
Benzyl Alcohol
Concen: 39.113 ng
RT: 8.25 min Scan# 879
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion: 79 Resp: 127955

Ion	Ratio	Lower	Upper
79	100		
108	84.4	60.5	90.7
77	62.1	50.6	75.8

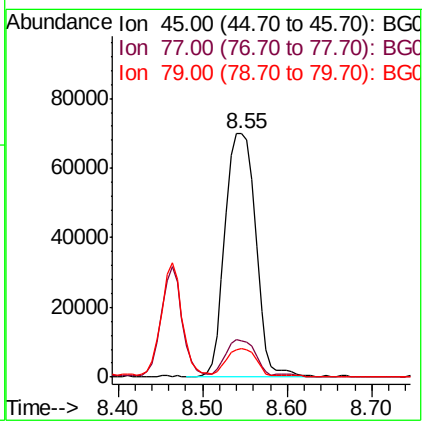


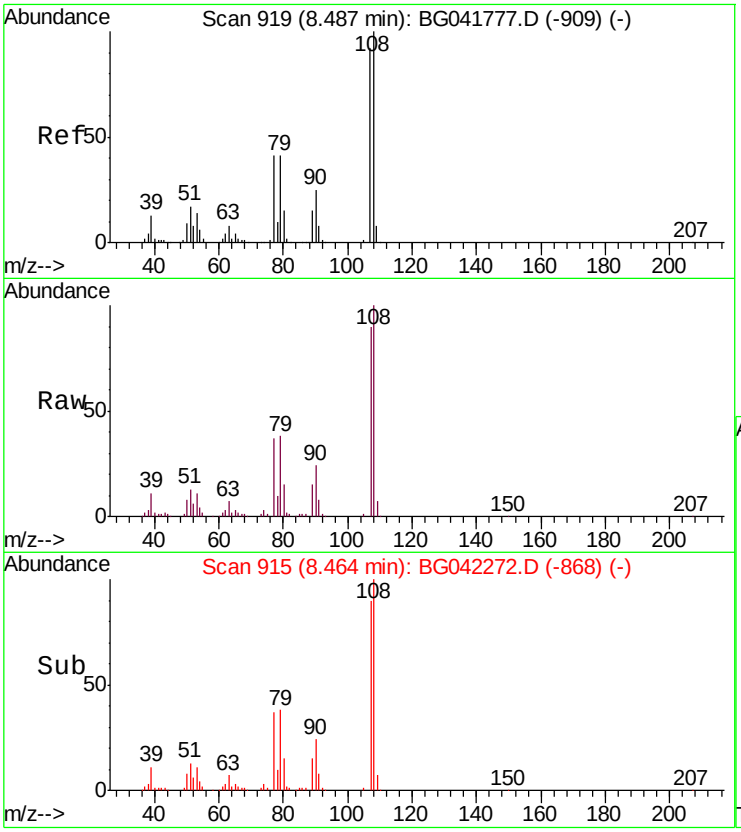


#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.476 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.04 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion: 45 Resp: 173848

Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	30.4
79	11.7	0.0	27.9



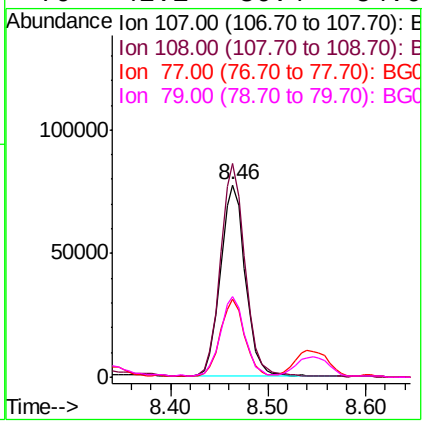


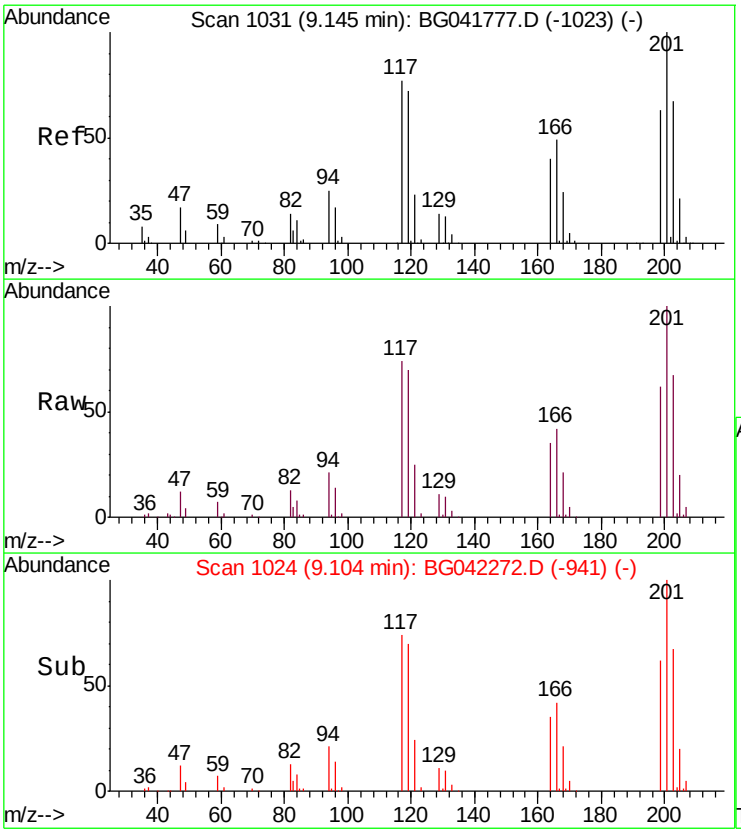
#17
2-Methylphenol
Concen: 43.276 ng
RT: 8.46 min Scan# 915
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:107 Resp: 136152

Ion	Ratio	Lower	Upper
107	100		
108	111.1	87.6	131.4
77	40.8	36.1	54.1
79	42.1	36.4	54.6

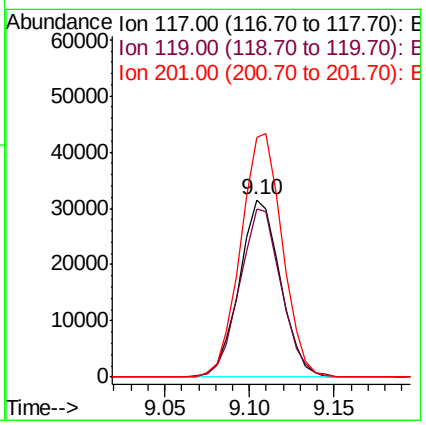


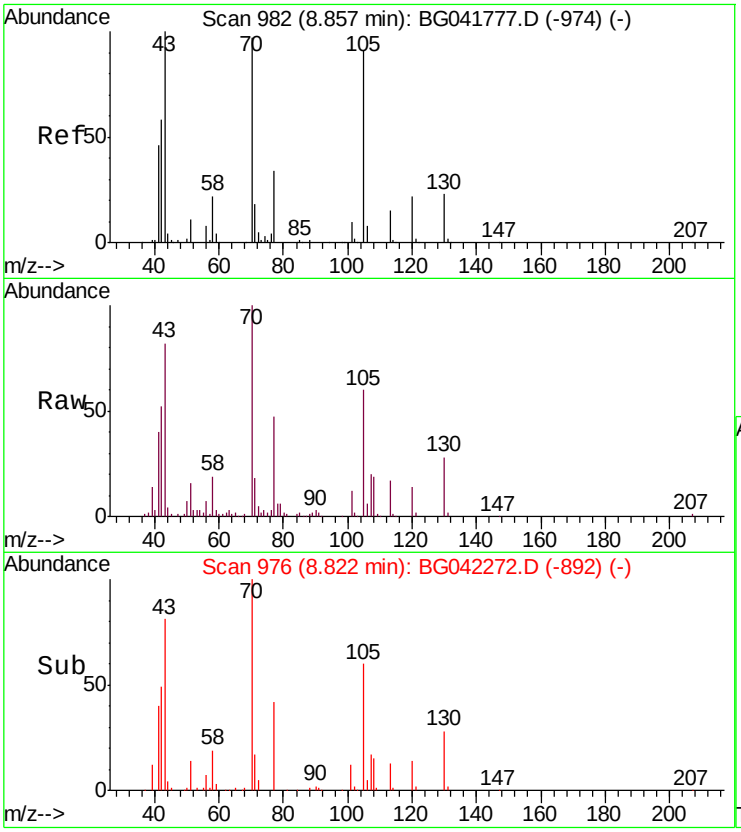


#18
Hexachloroethane
Concen: 33.736 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:117 Resp: 53288

Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.2	114.2
201	134.9	94.1	141.1



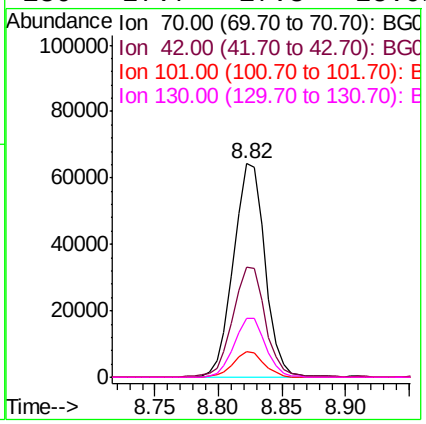


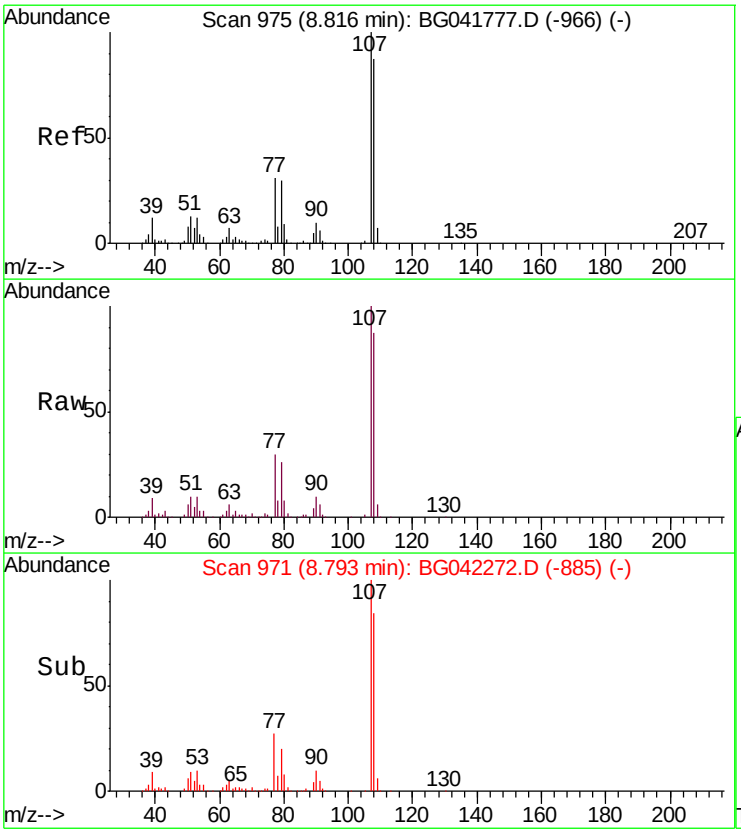
#19
n-Nitroso-di-n-propylamine
Concen: 36.601 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.04 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion: 70 Resp: 110498

Ion	Ratio	Lower	Upper
70	100		
42	51.6	55.8	83.6#
101	12.3	8.1	12.1#
130	27.7	17.3	25.9#

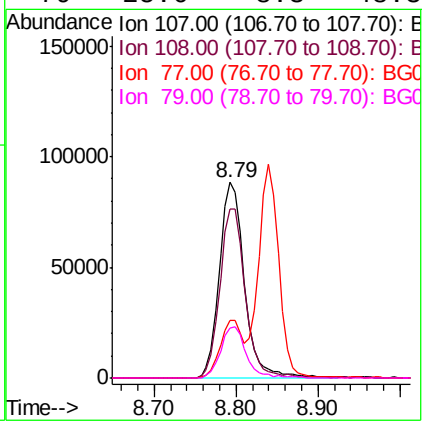


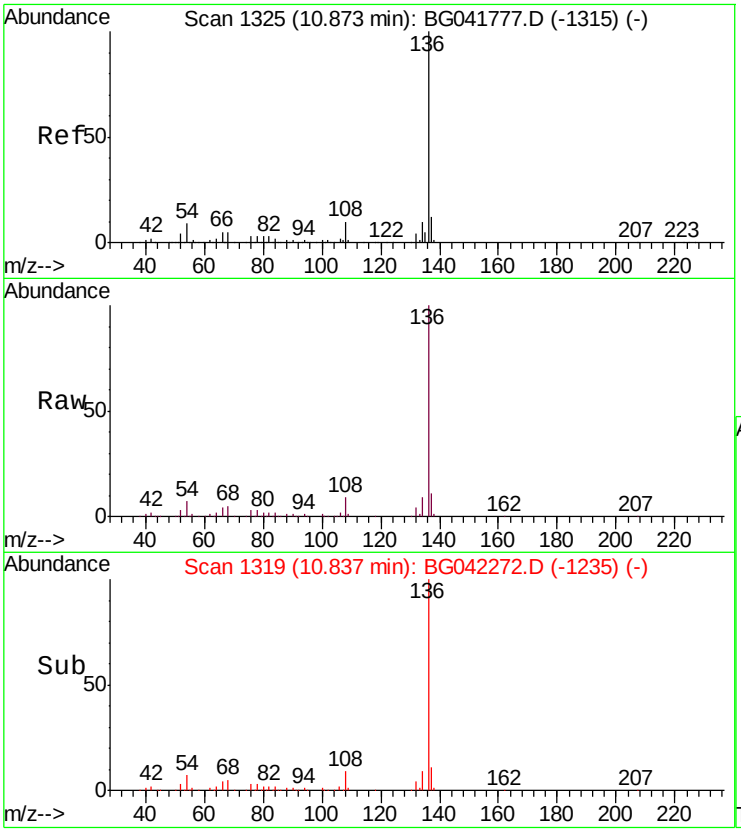


#20
3+4-Methylphenols
Concen: 43.725 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:107 Resp: 188250

Ion	Ratio	Lower	Upper
107	100		
108	86.6	67.5	107.5
77	29.5	12.3	52.3
79	25.6	8.3	48.3



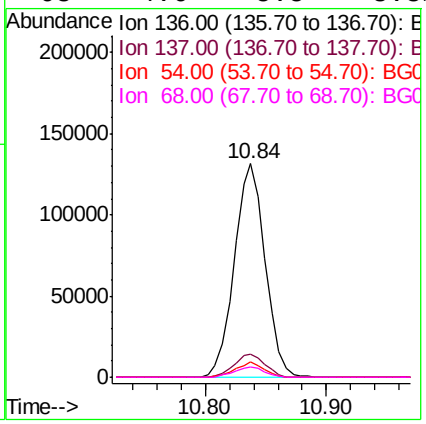


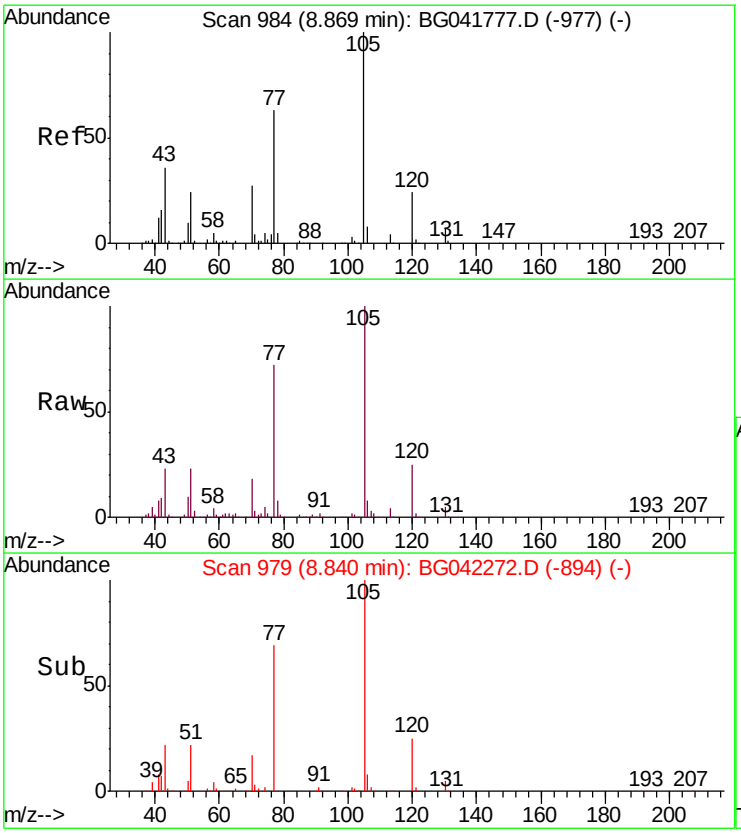
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.04 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:136 Resp: 232810

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.0	8.7	13.1#
68	4.6	5.5	8.3#

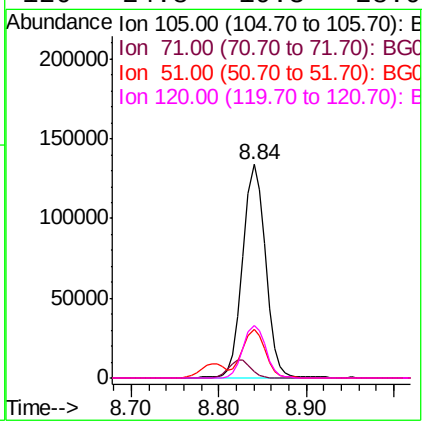


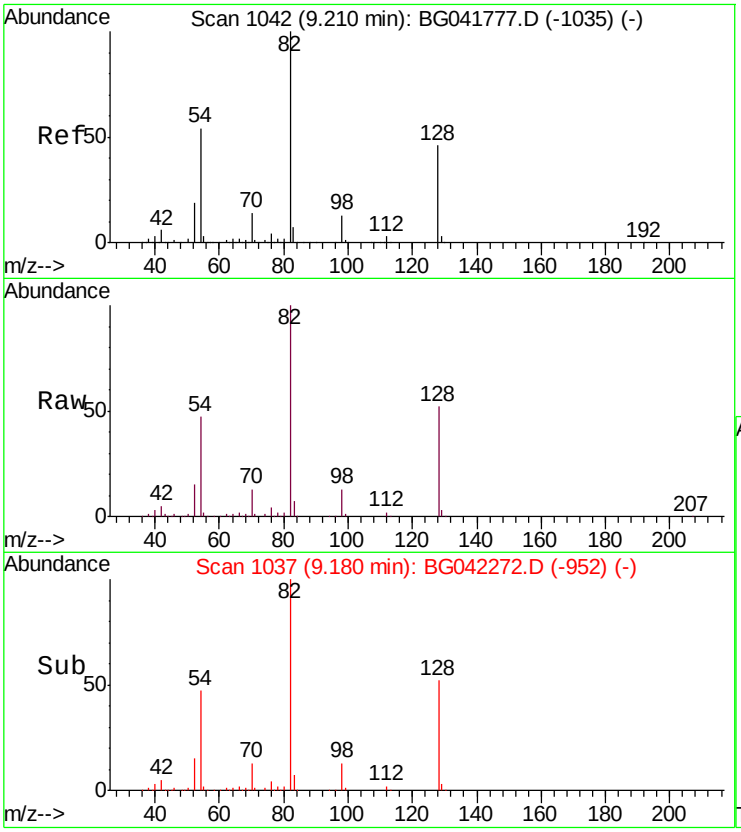


#22
Acetophenone
Concen: 45.417 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:105 Resp: 236503

Ion	Ratio	Lower	Upper
105	100		
71	3.1	5.9	8.9#
51	23.1	27.7	41.5#
120	24.8	19.3	28.9



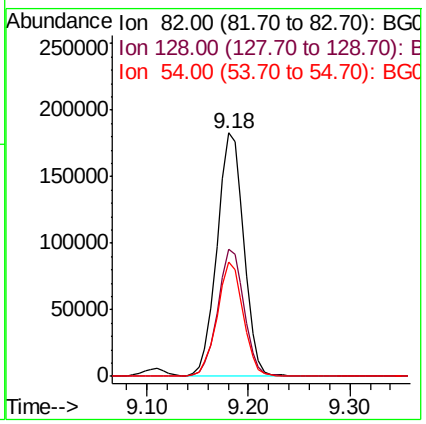


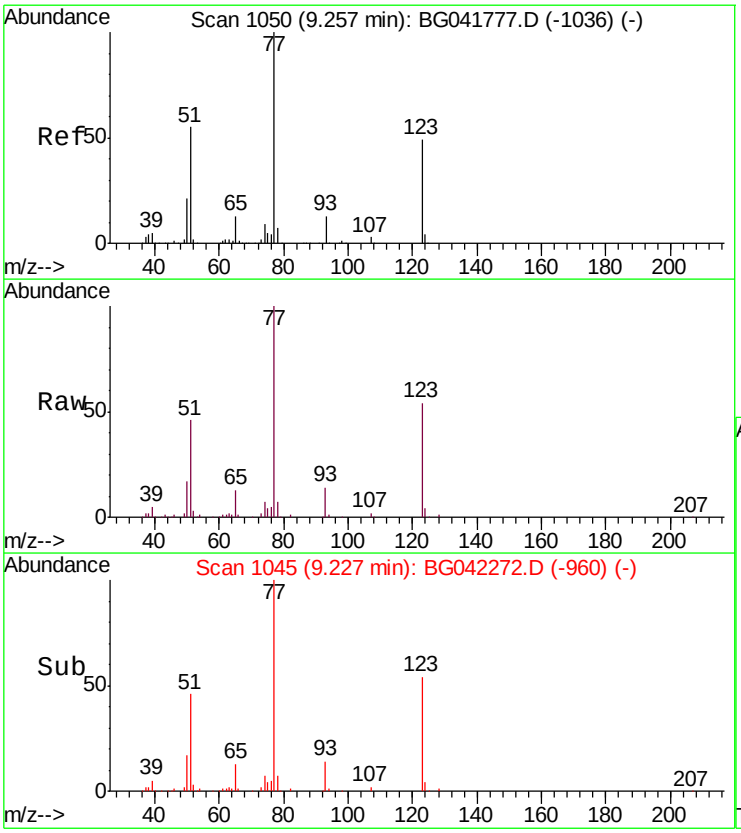
#23
Nitrobenzene-d5
Concen: 98.581 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion: 82 Resp: 333508

Ion	Ratio	Lower	Upper
82	100		
128	52.3	35.1	52.7
54	46.9	48.7	73.1#

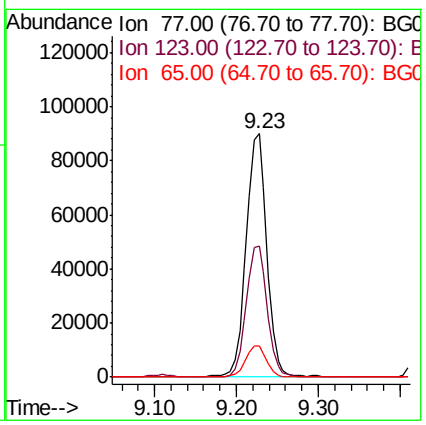


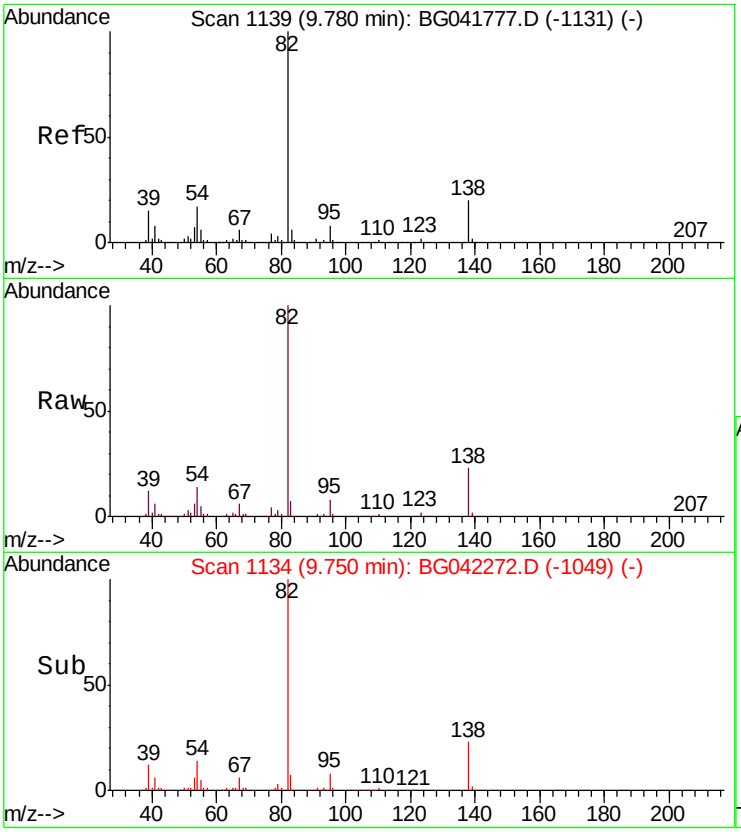


#24
Nitrobenzene
Concen: 44.512 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion: 77 Resp: 158645

Ion	Ratio	Lower	Upper
77	100		
123	53.9	38.1	57.1
65	12.7	11.0	16.6



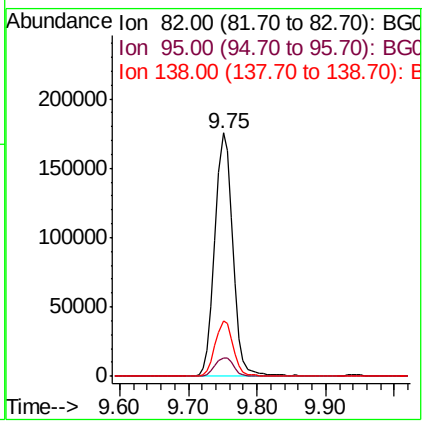


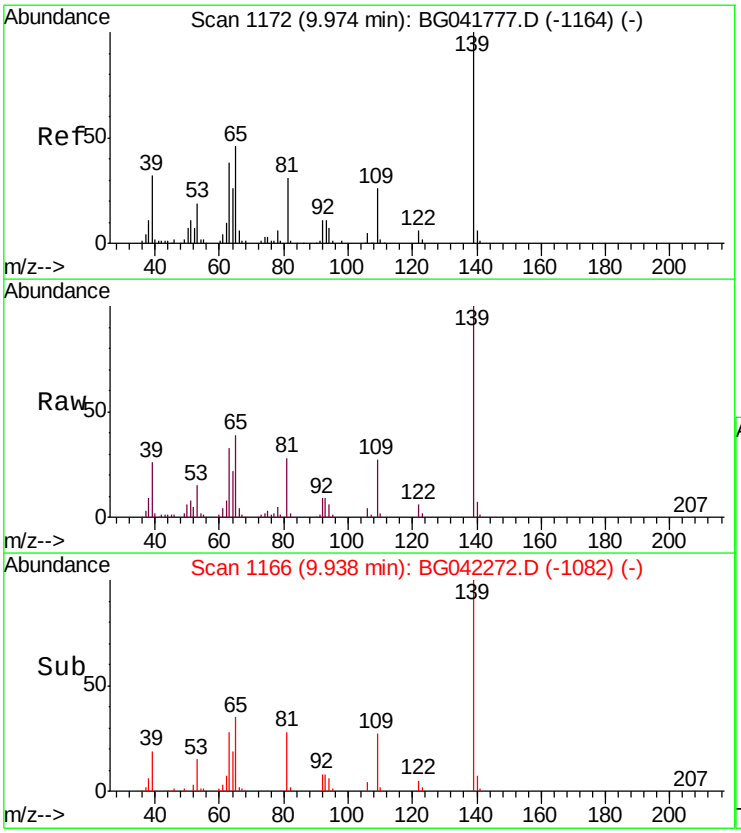
#25
Isophorone
Concen: 43.523 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion: 82 Resp: 320300

Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.9	8.9
138	22.9	16.3	24.5

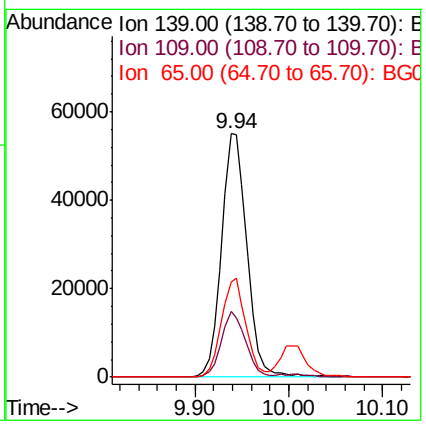


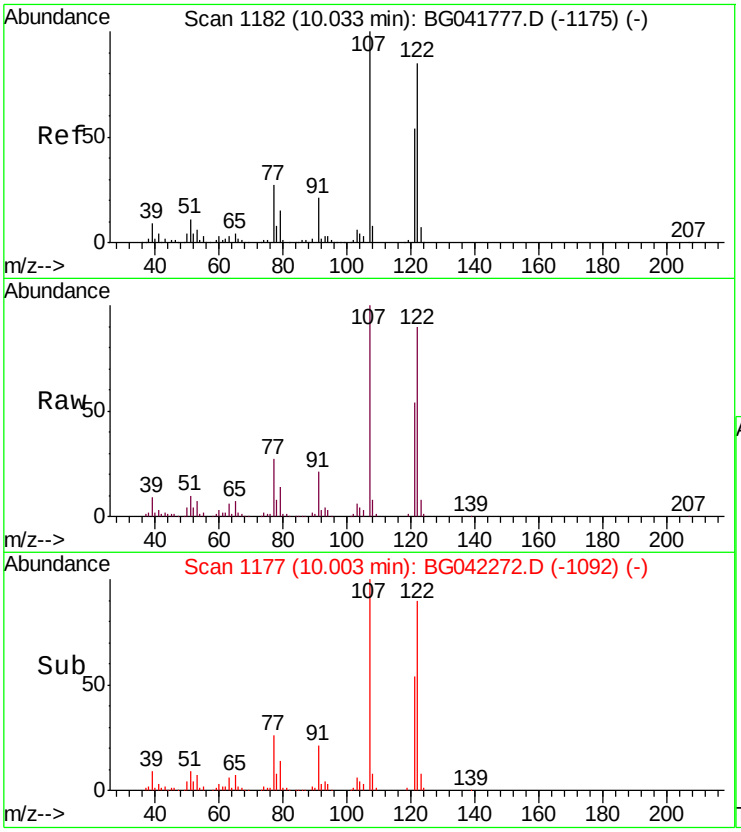


#26
2-Nitrophenol
Concen: 62.339 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.04 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:139 Resp: 103116

Ion	Ratio	Lower	Upper
139	100		
109	26.7	22.7	34.1
65	38.9	41.1	61.7#



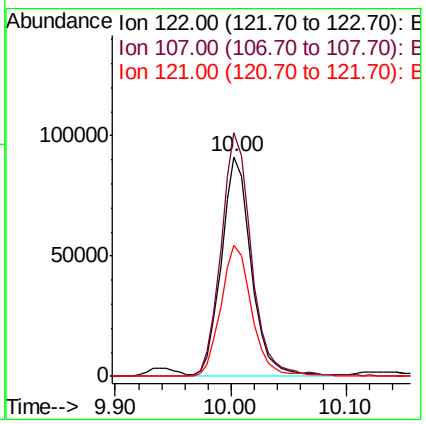


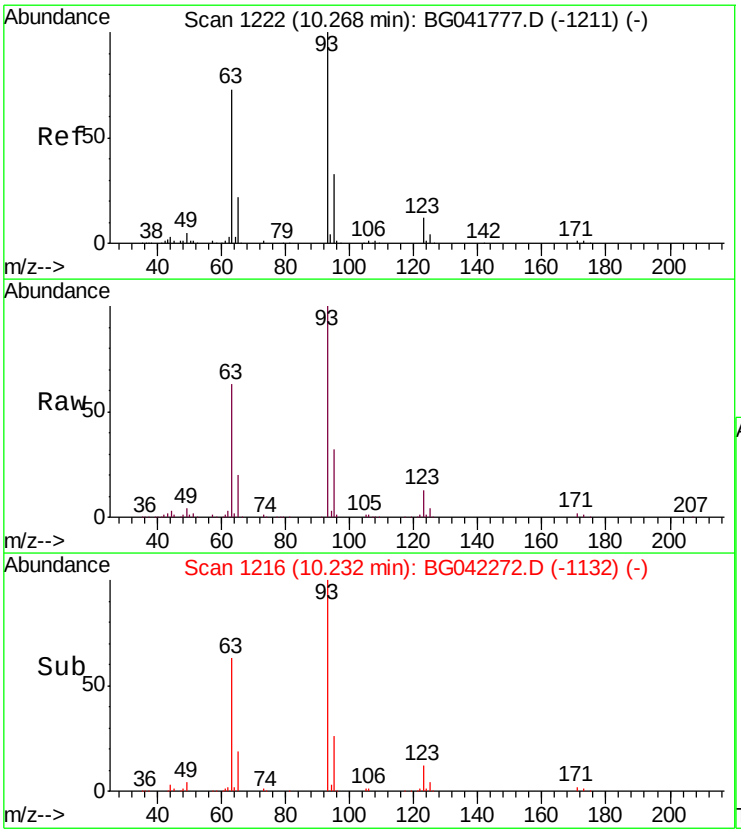
#27
2,4-Dimethylphenol
Concen: 55.491 ng
RT: 10.00 min Scan# 1177
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:122 Resp: 162003

Ion	Ratio	Lower	Upper
122	100		
107	110.8	91.3	136.9
121	59.5	49.2	73.8

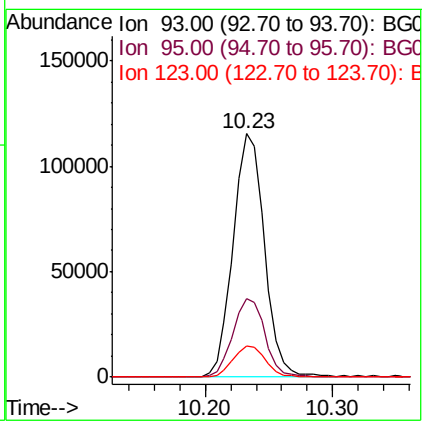


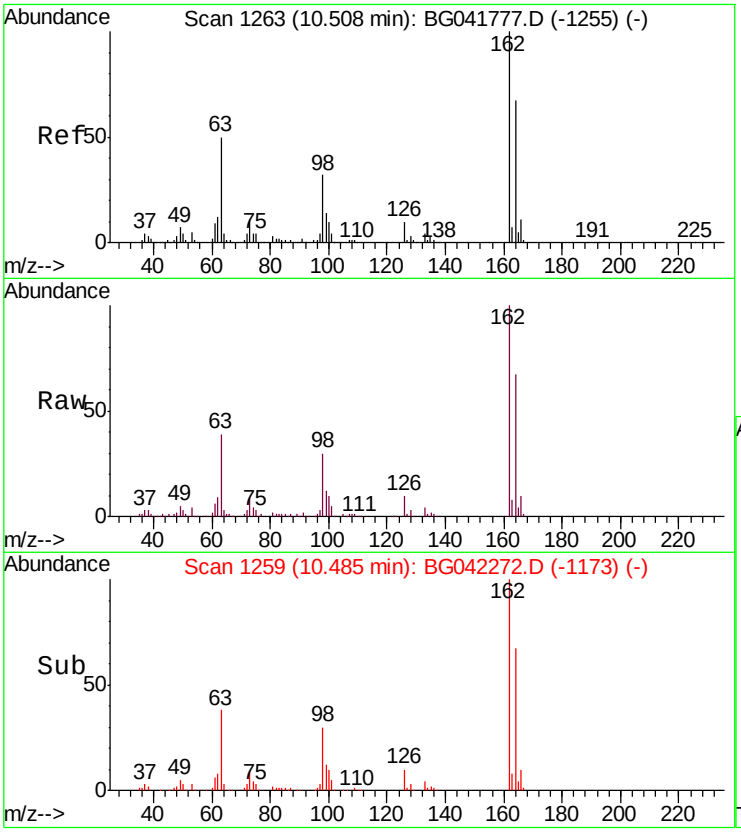


#28
bis(2-Chloroethoxy)methane
Concen: 42.988 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.04 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion: 93 Resp: 197700

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.4
123	12.9	9.9	14.9



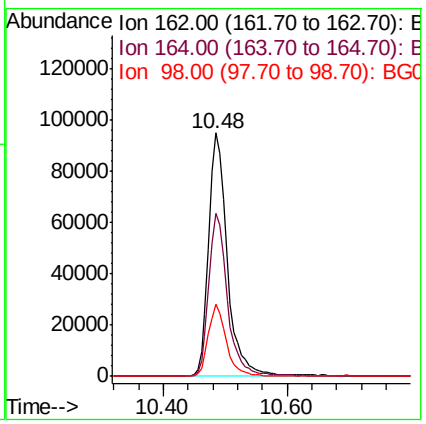


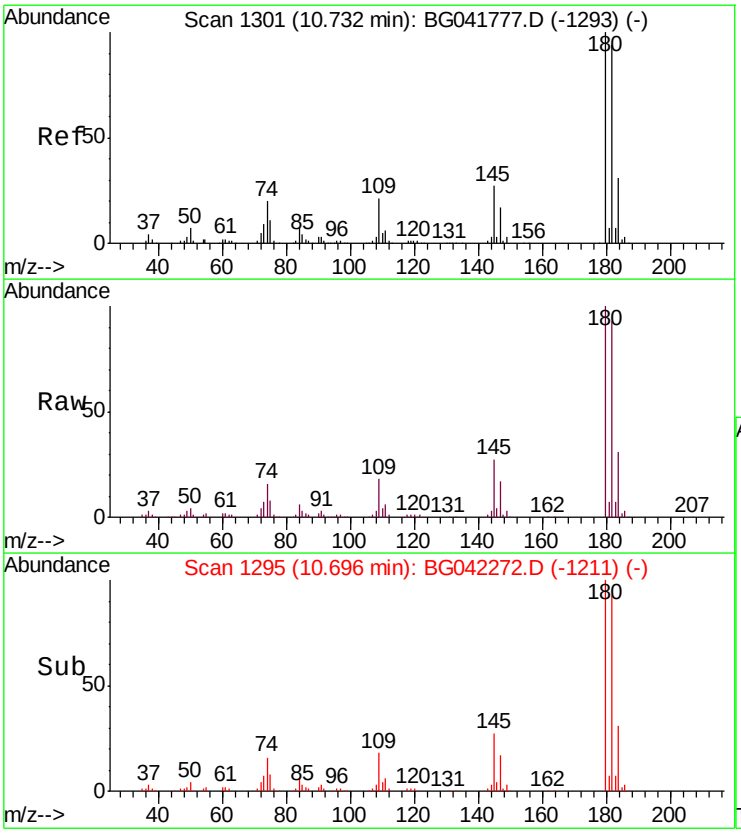
#29
2,4-Dichlorophenol
Concen: 55.915 ng
RT: 10.48 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:162 Resp: 198789

Ion	Ratio	Lower	Upper
162	100		
164	66.8	46.1	86.1
98	29.8	14.7	54.7

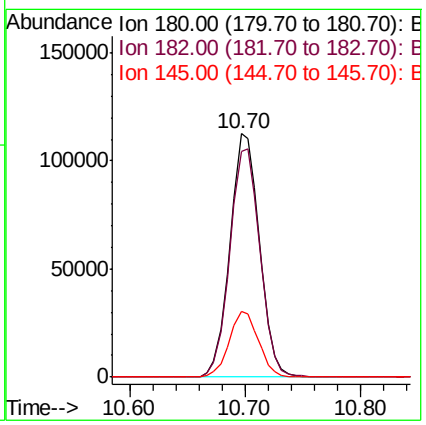


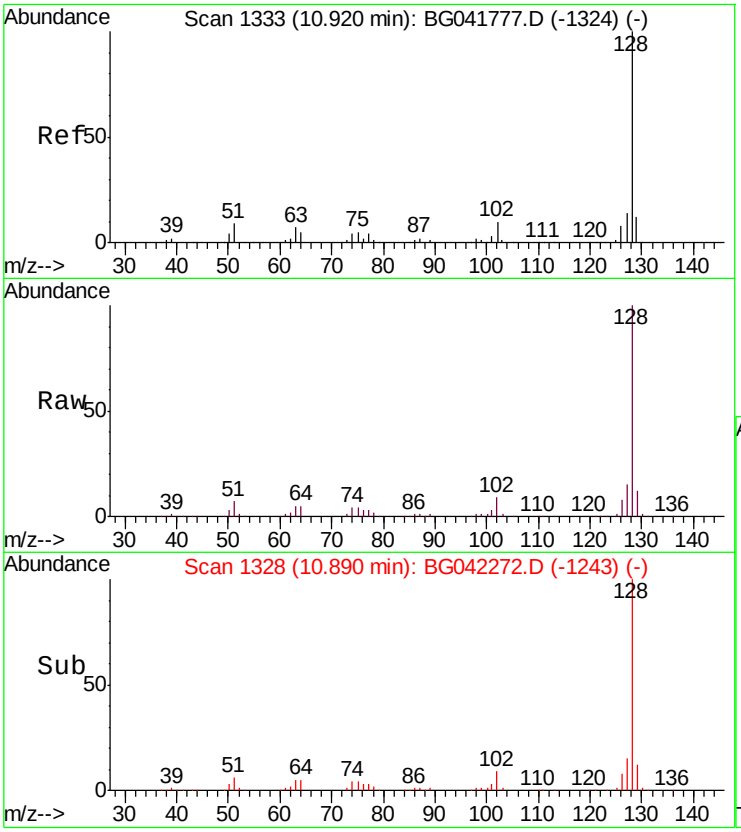


#30
1,2,4-Trichlorobenzene
Concen: 44.103 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.04 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:180 Resp: 198832

Ion	Ratio	Lower	Upper
180	100		
182	92.8	76.2	114.2
145	26.9	23.8	35.8



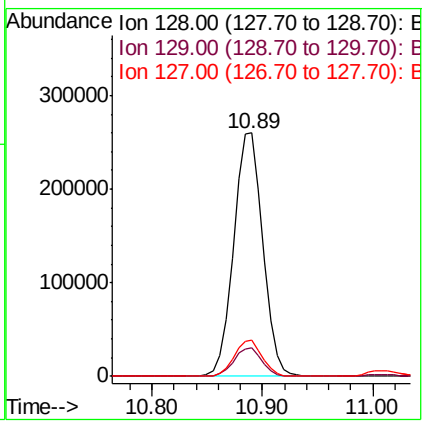


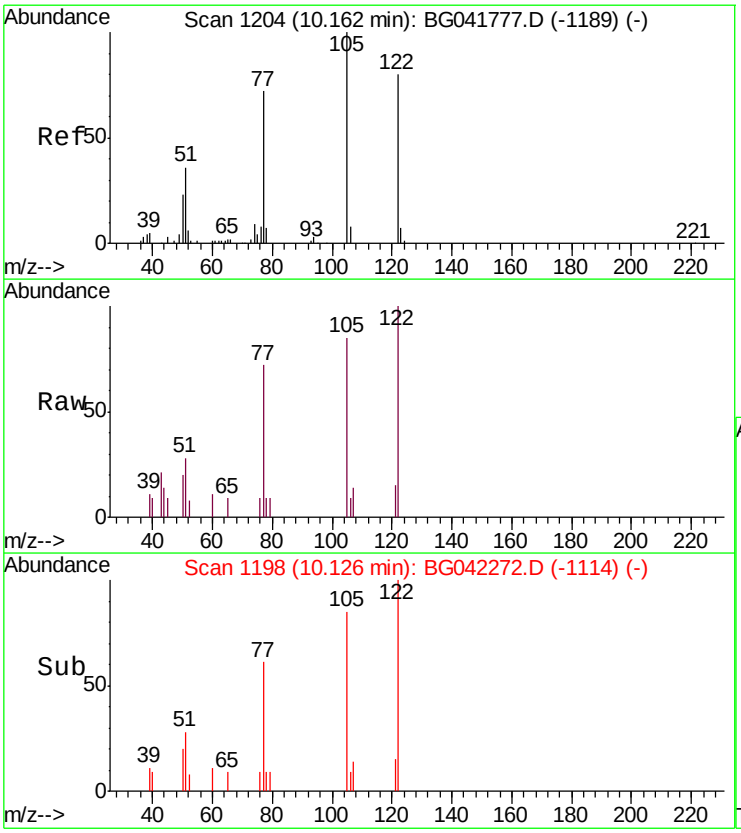
#31
Naphthalene
Concen: 45.198 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:128 Resp: 481589

Ion	Ratio	Lower	Upper
128	100		
129	11.6	10.0	15.0
127	14.8	12.3	18.5

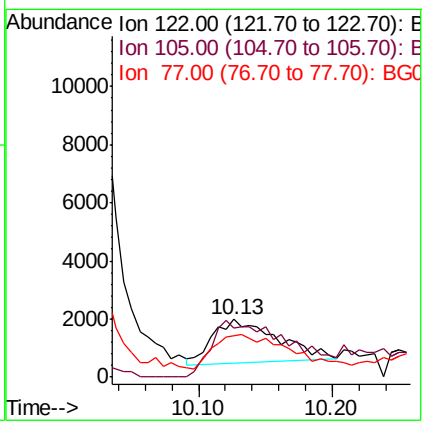


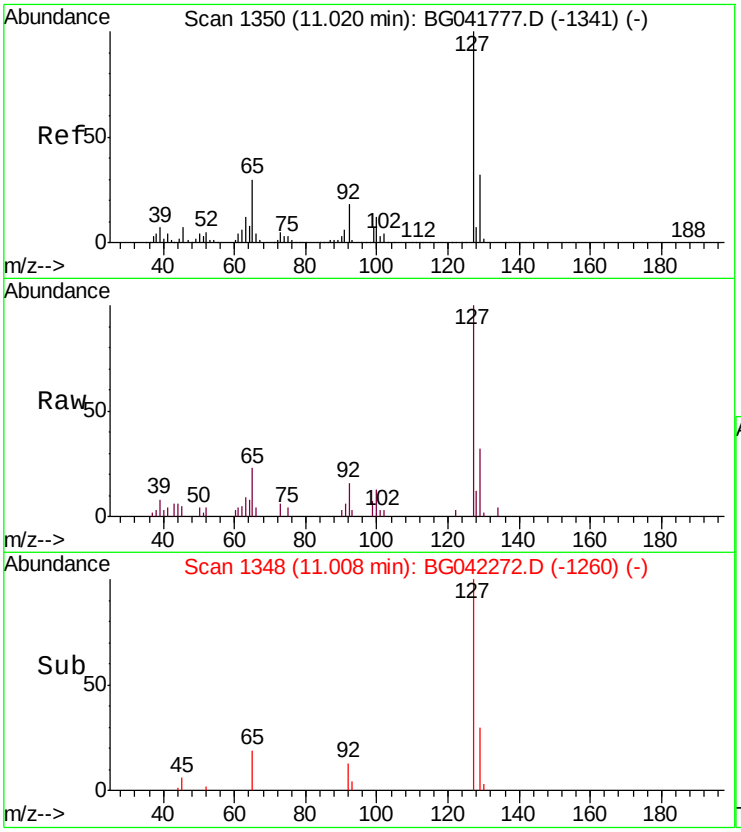


#32
Benzoic acid
Concen: 10.705 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:122 Resp: 5038

Ion	Ratio	Lower	Upper
122	100		
105	84.7	101.5	141.5#
77	72.1	73.0	113.0#



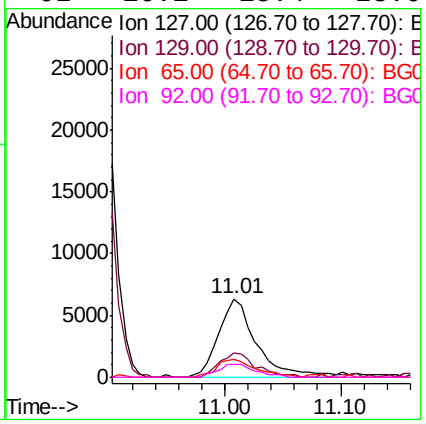


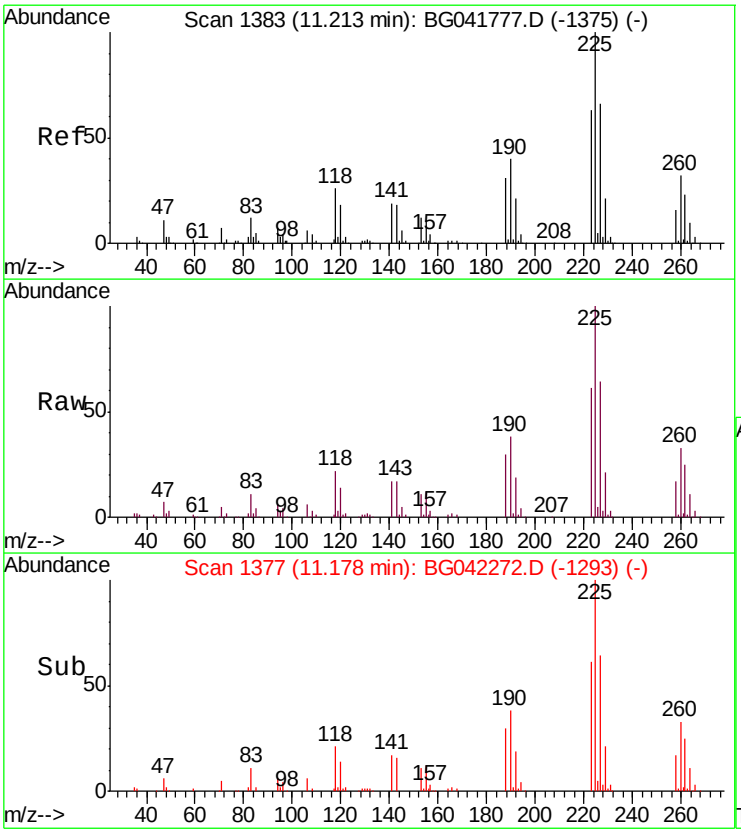
#33
4-Chloroaniline
Concen: 2.842 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:127 Resp: 14360

Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.8
65	23.1	26.7	40.1#
92	16.1	15.4	23.0

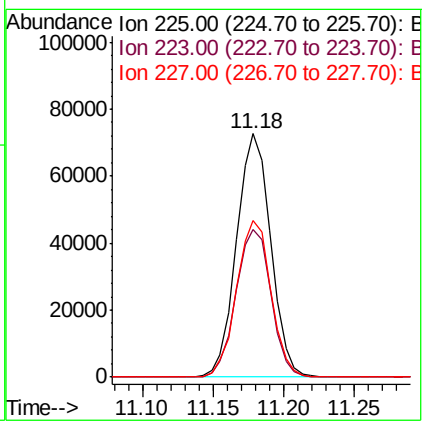


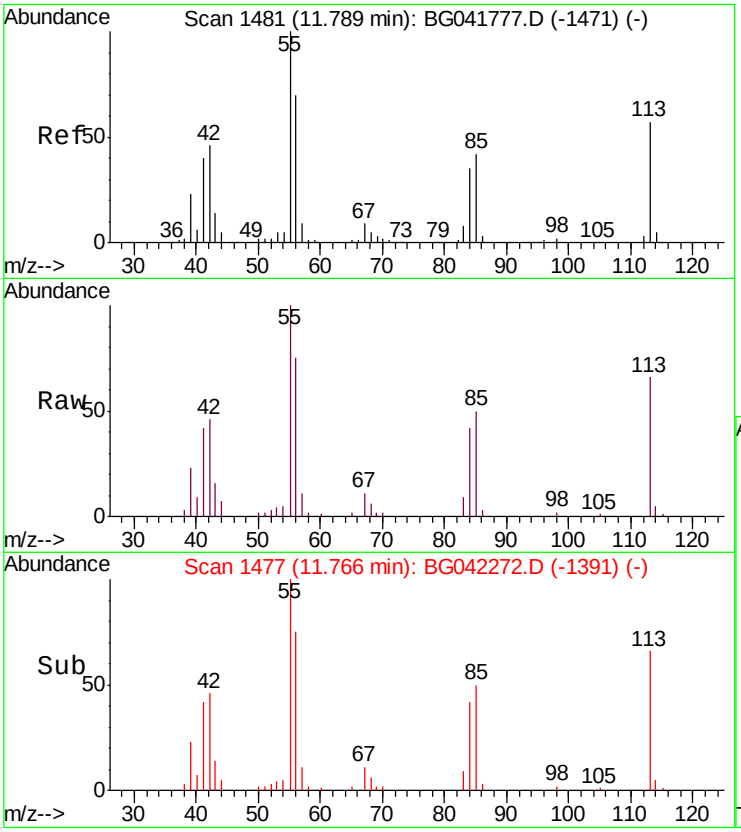


#34
Hexachlorobutadiene
Concen: 40.460 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.04 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:225 Resp: 123108

Ion	Ratio	Lower	Upper
225	100		
223	60.6	51.1	76.7
227	64.1	50.9	76.3



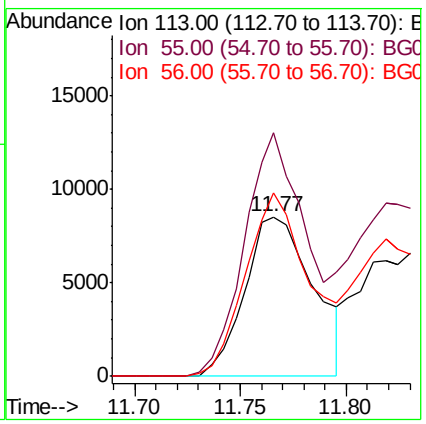


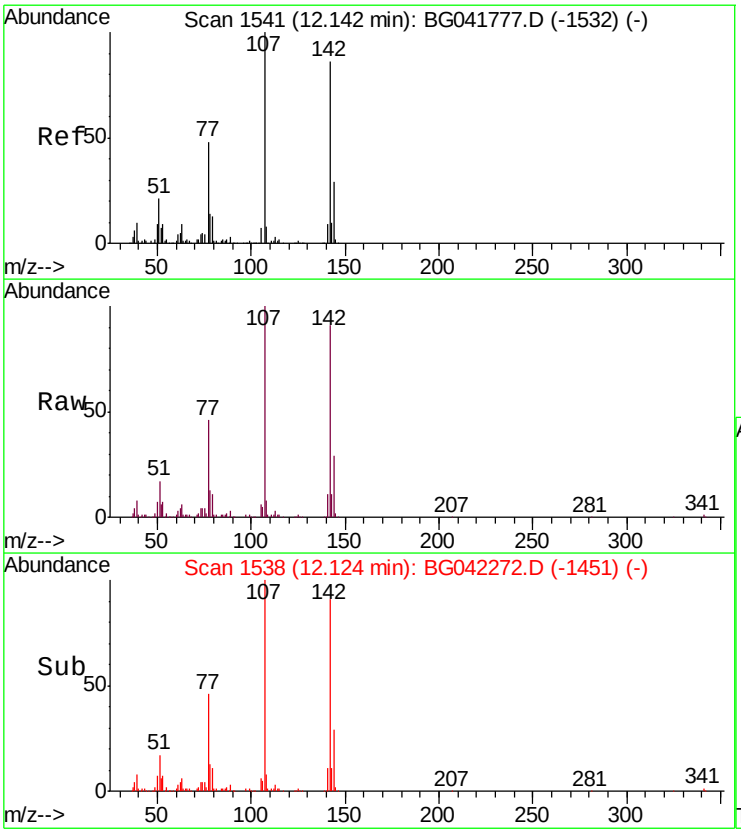
#35
Caprolactam
Concen: 15.481 ng
RT: 11.77 min Scan# 1477
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:113 Resp: 19128

Ion	Ratio	Lower	Upper
113	100		
55	152.7	199.4	239.4#
56	115.0	133.6	173.6#

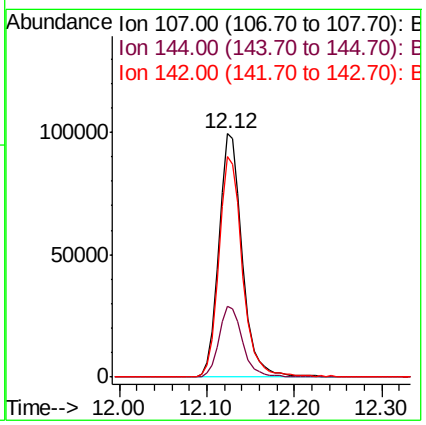


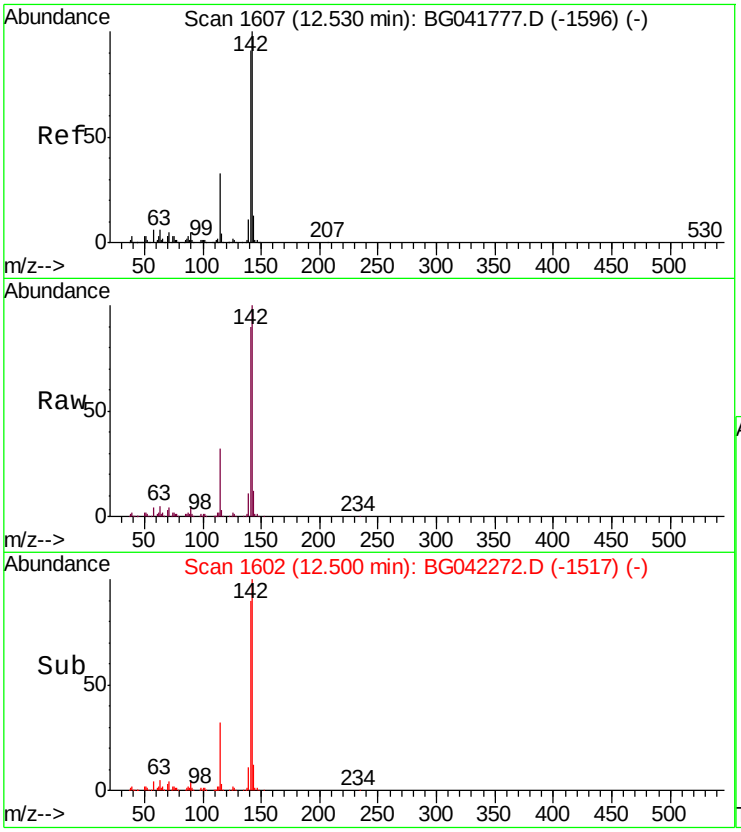


#36
4-Chloro-3-methylphenol
Concen: 52.190 ng
RT: 12.12 min Scan# 1538
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:107 Resp: 183954

Ion	Ratio	Lower	Upper
107	100		
144	29.2	22.2	33.2
142	90.8	67.3	100.9



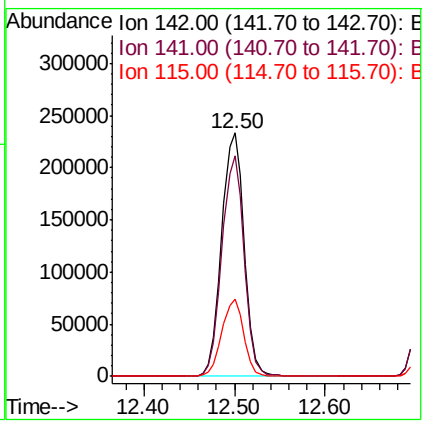


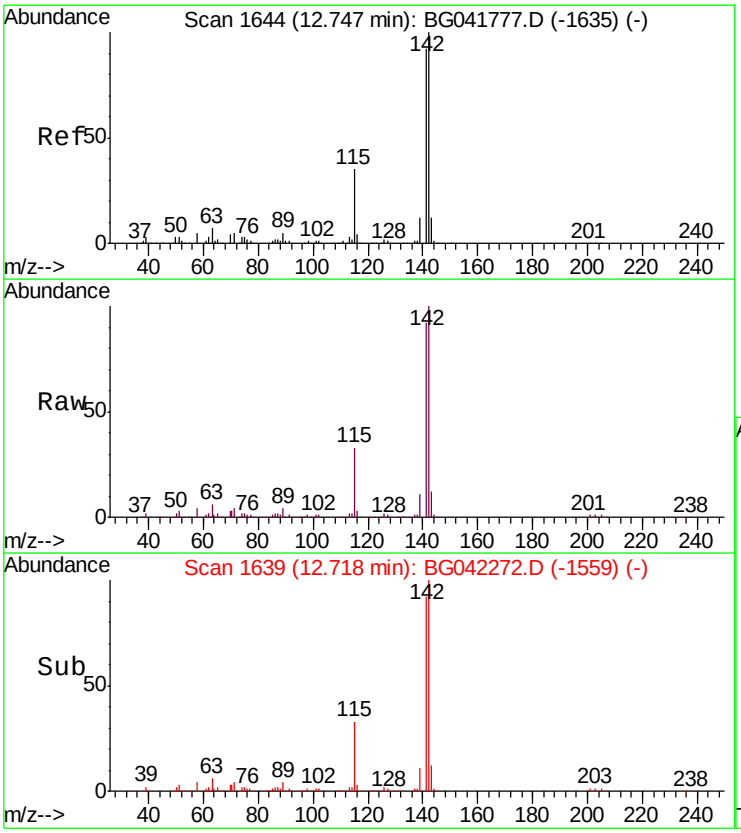
#37
2-Methylnaphthalene
Concen: 47.725 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:142 Resp: 402504

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.7	109.1
115	31.9	27.0	40.4

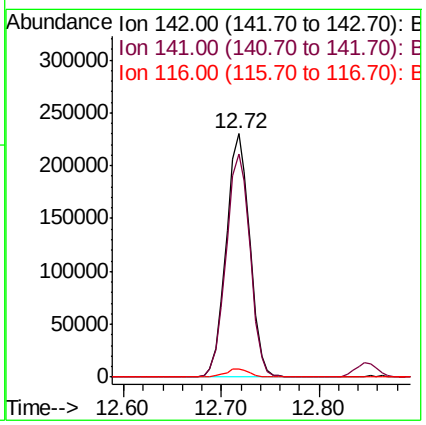


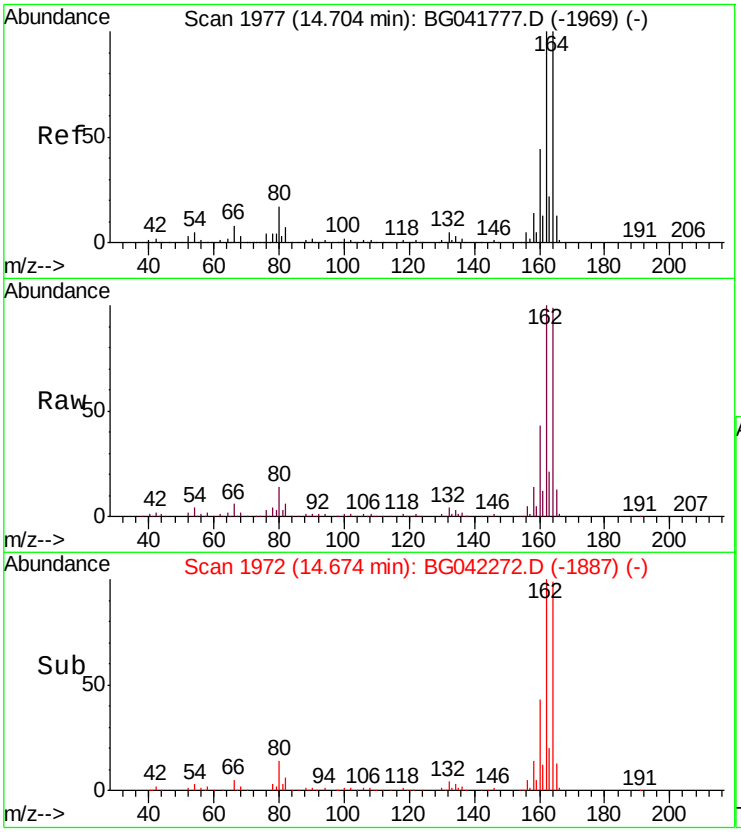


#38
1-Methylnaphthalene
Concen: 48.315 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:142 Resp: 386158

Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.4	113.2
116	3.2	3.2	4.8



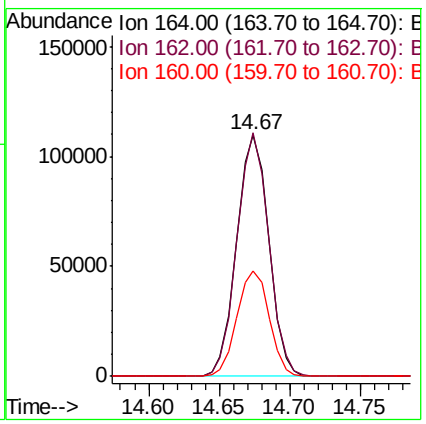


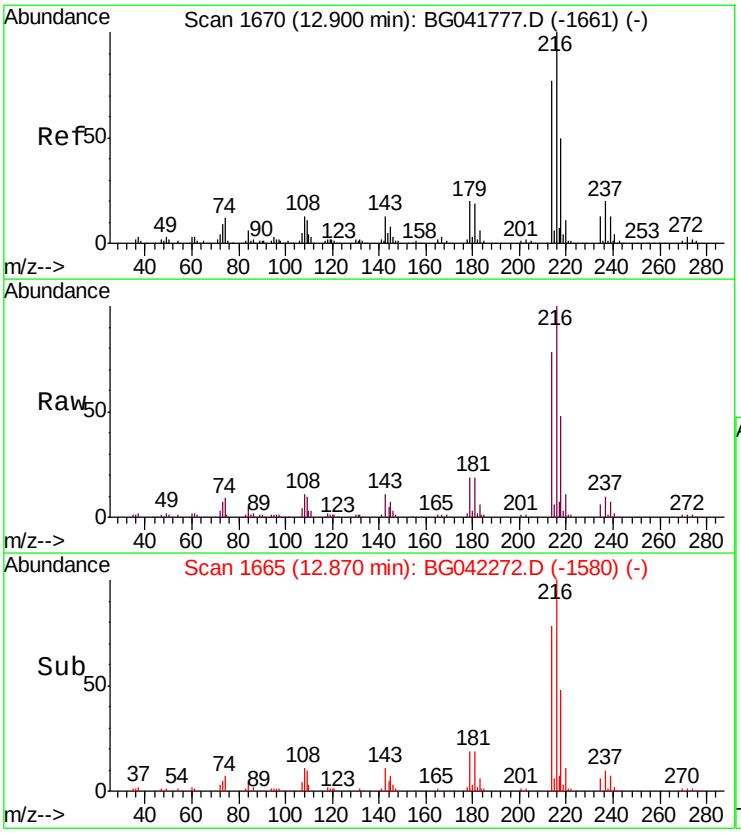
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:164 Resp: 174979

Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.6	119.4
160	43.4	35.4	53.0

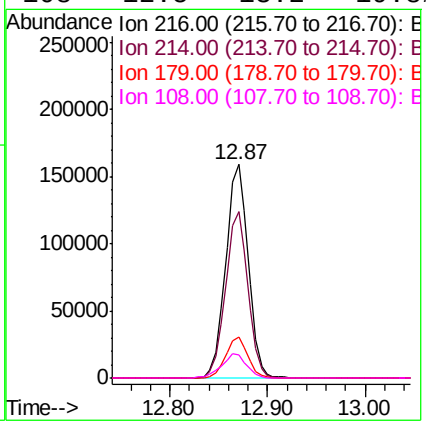


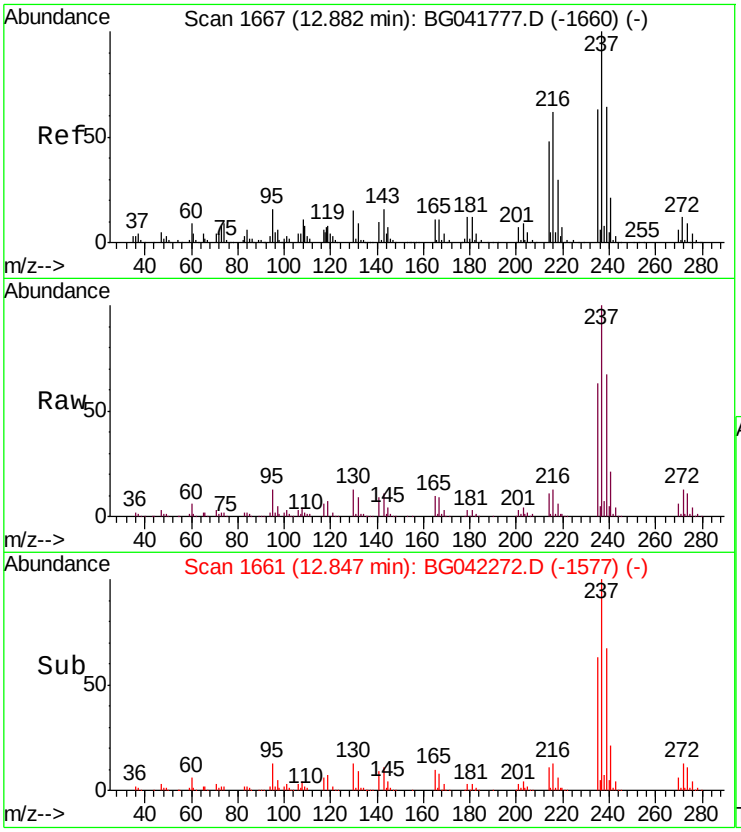


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.876 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:216 Resp: 254097

Ion	Ratio	Lower	Upper
216	100		
214	77.0	61.5	92.3
179	18.8	16.2	24.2
108	12.5	13.2	19.8#



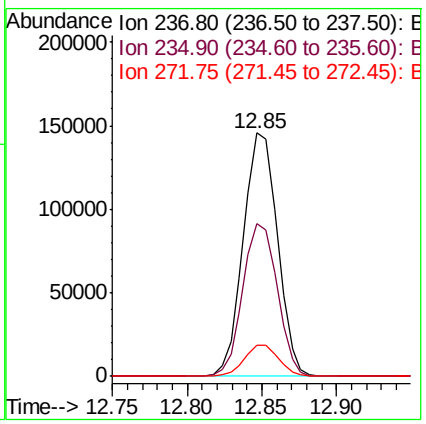


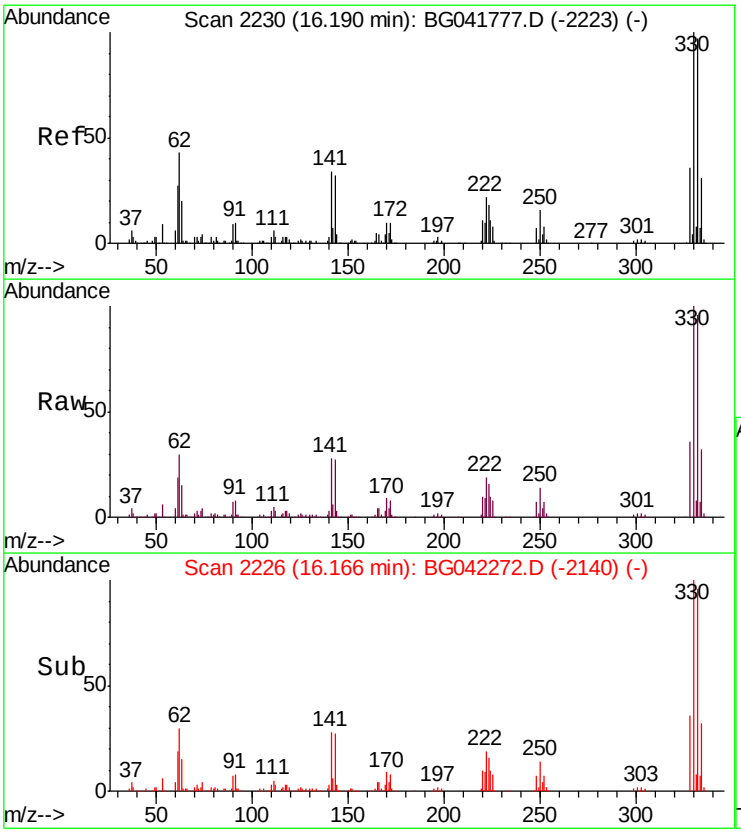
#41
Hexachlorocyclopentadiene
Concen: 74.079 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.04 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:237 Resp: 230688

Ion	Ratio	Lower	Upper
237	100		
235	62.7	43.5	83.5
272	12.5	0.0	31.2

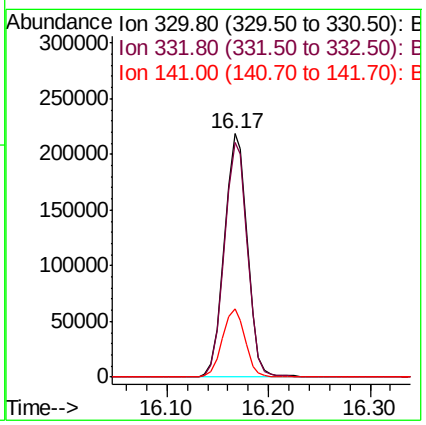


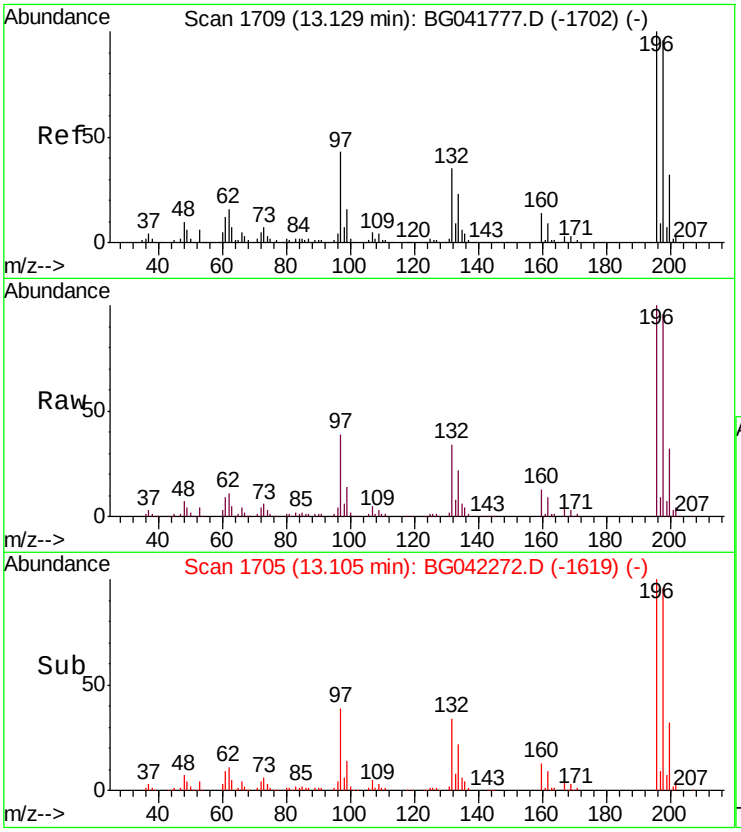


#42
2,4,6-Tribromophenol
Concen: 172.644 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:330 Resp: 343133

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	27.7	31.9	47.9#



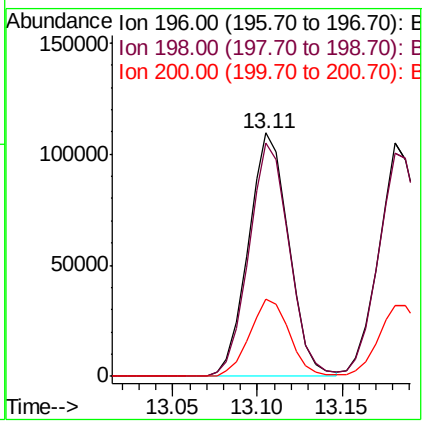


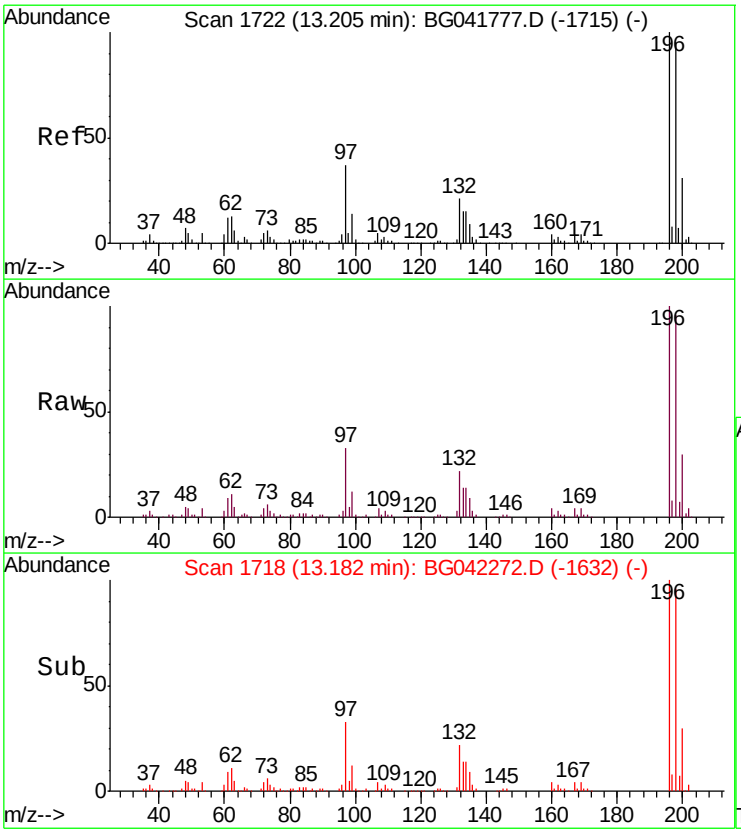
#43
2,4,6-Trichlorophenol
Concen: 52.044 ng
RT: 13.11 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:196 Resp: 182195

Ion	Ratio	Lower	Upper
196	100		
198	95.7	79.6	119.4
200	31.6	25.2	37.8

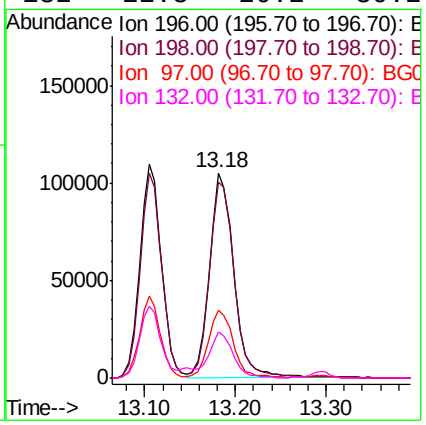


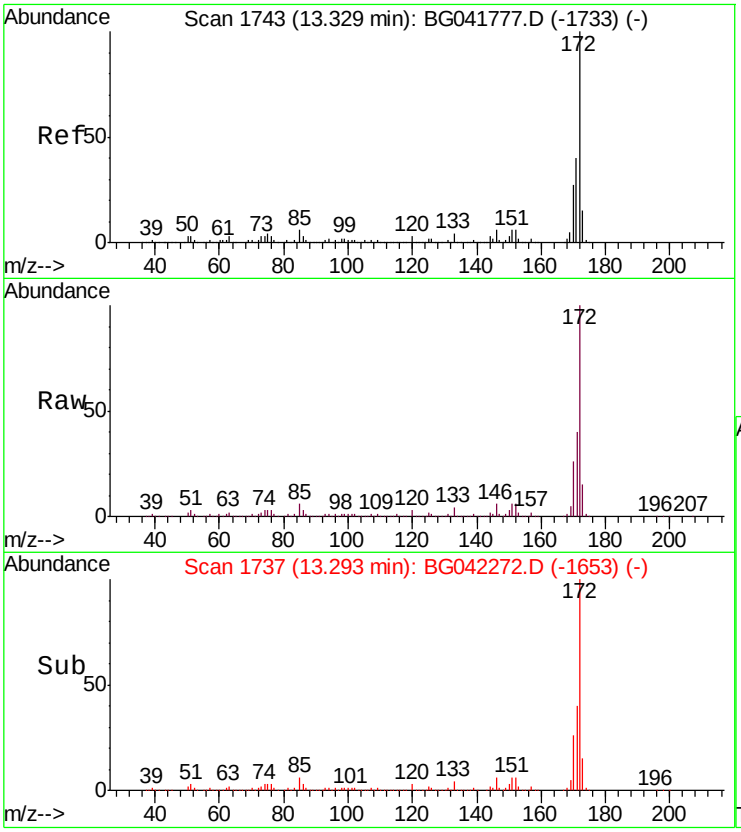


#44
2,4,5-Trichlorophenol
Concen: 53.158 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:196 Resp: 193386

Ion	Ratio	Lower	Upper
196	100		
198	95.7	80.6	121.0
97	33.1	33.9	50.9#
132	22.3	20.2	30.2



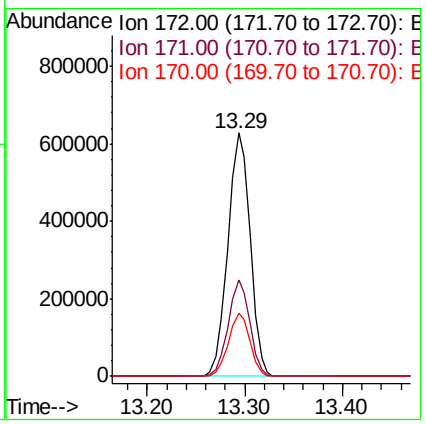


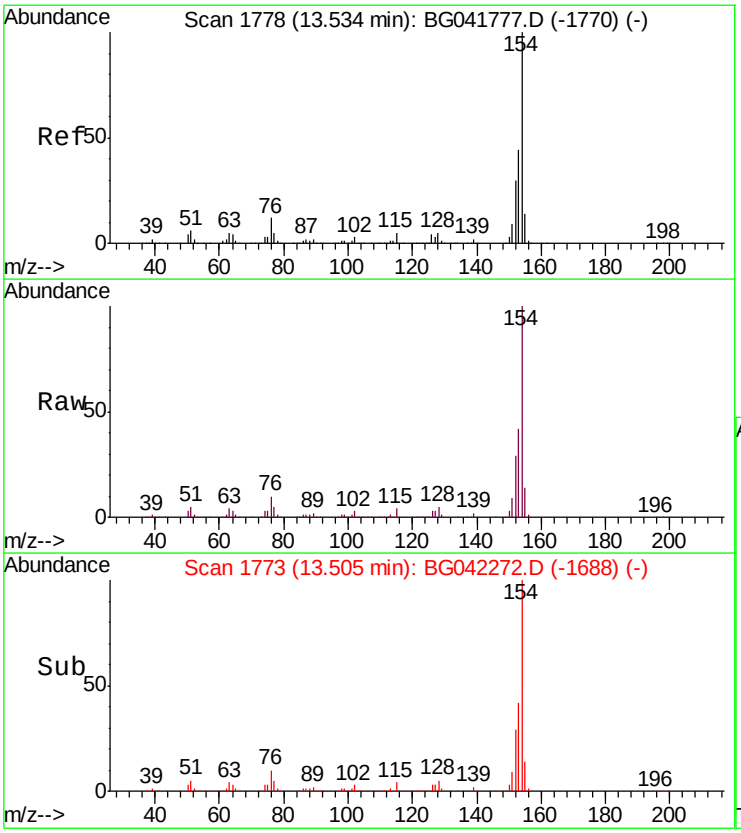
#45
2-Fluorobiphenyl
Concen: 100.116 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.04 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:172 Resp: 993254

Ion	Ratio	Lower	Upper
172	100		
171	39.8	35.0	52.4
170	26.0	23.5	35.3

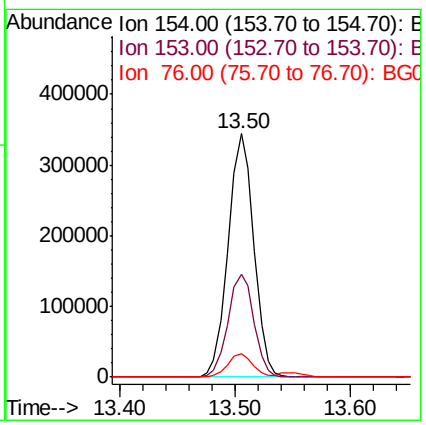


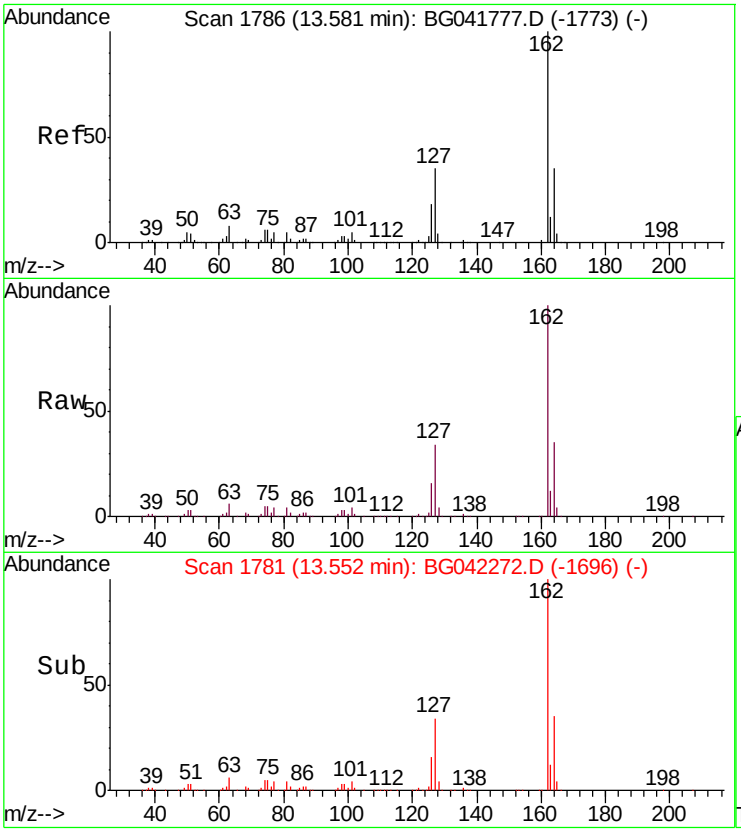


#46
1,1'-Biphenyl
Concen: 46.999 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:154 Resp: 528651

Ion	Ratio	Lower	Upper
154	100		
153	42.3	25.0	65.0
76	9.8	0.0	34.5



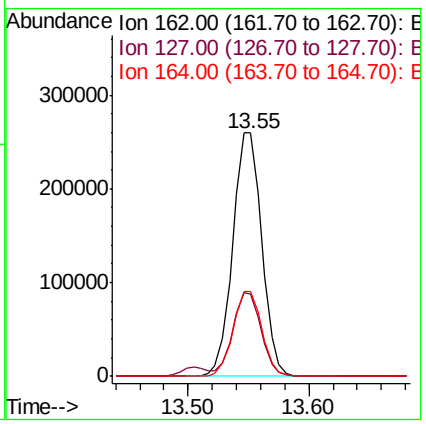


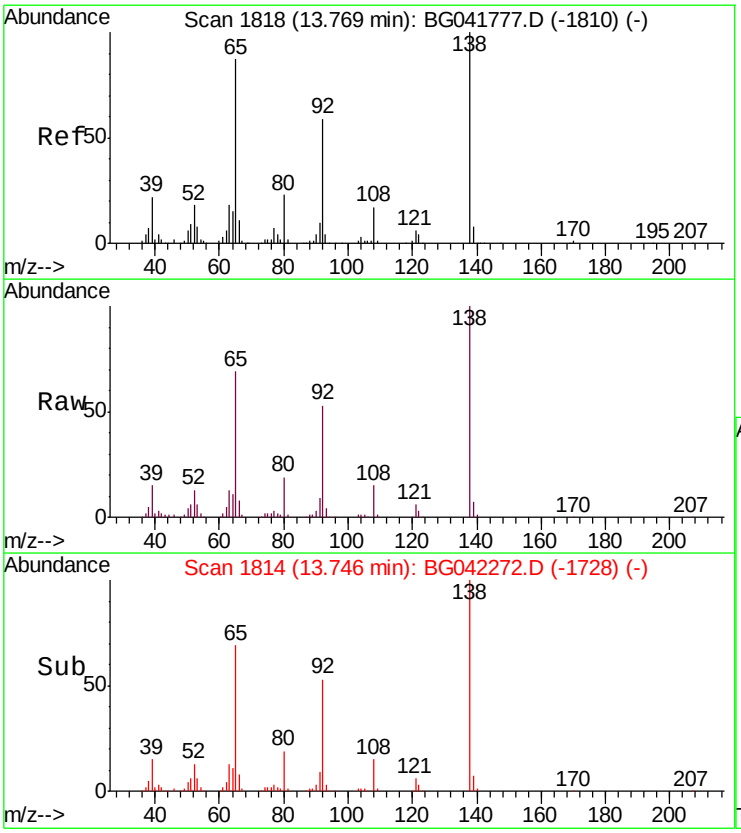
#47
2-Chloronaphthalene
Concen: 45.439 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:162 Resp: 435148

Ion	Ratio	Lower	Upper
162	100		
127	34.0	30.4	45.6
164	34.9	28.6	42.8

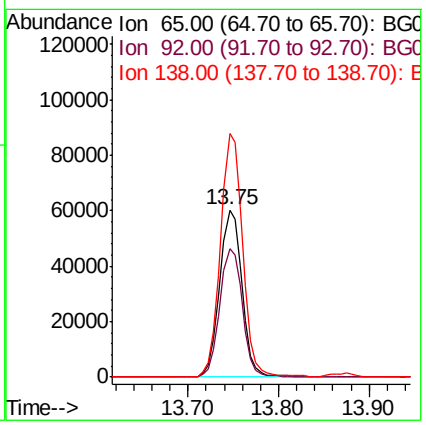


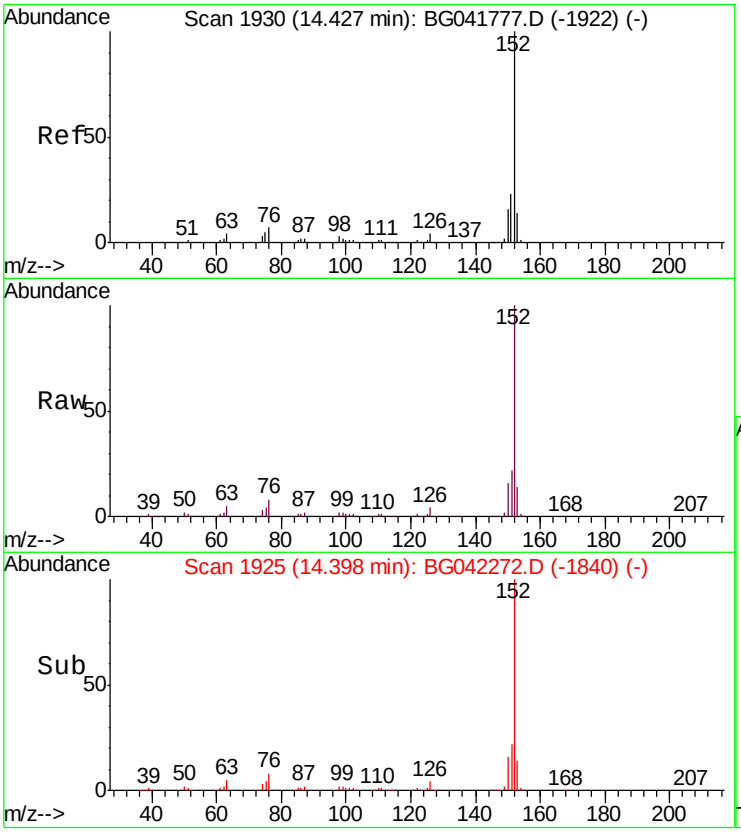


#48
2-Nitroaniline
Concen: 42.625 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion: 65 Resp: 103528

Ion	Ratio	Lower	Upper
65	100		
92	76.9	53.9	80.9
138	145.6	83.5	125.3#



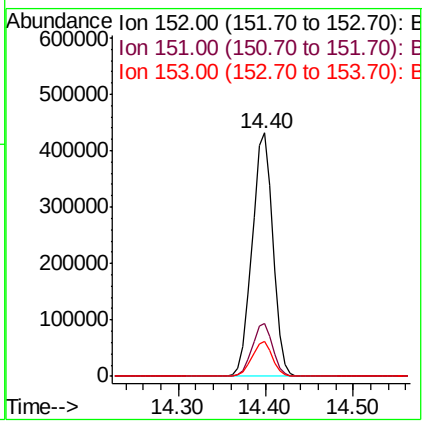


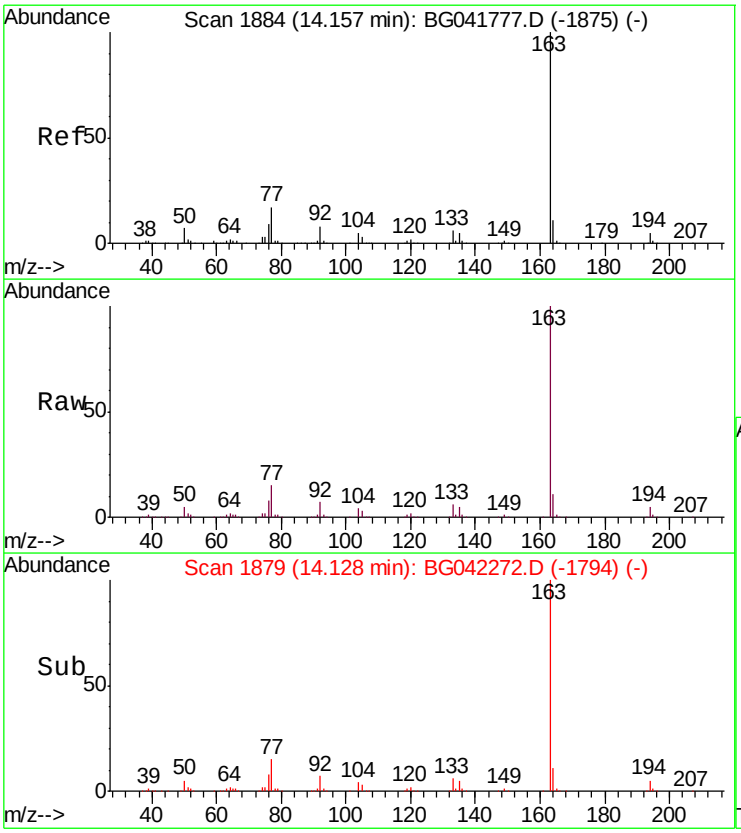
#49
Acenaphthylene
Concen: 48.591 ng
RT: 14.40 min Scan# 1925
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:152 Resp: 696063

Ion	Ratio	Lower	Upper
152	100		
151	21.9	18.7	28.1
153	14.2	12.4	18.6

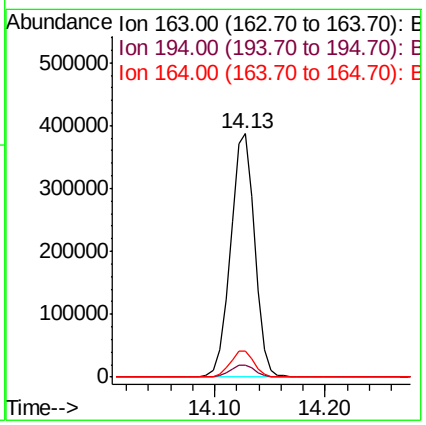


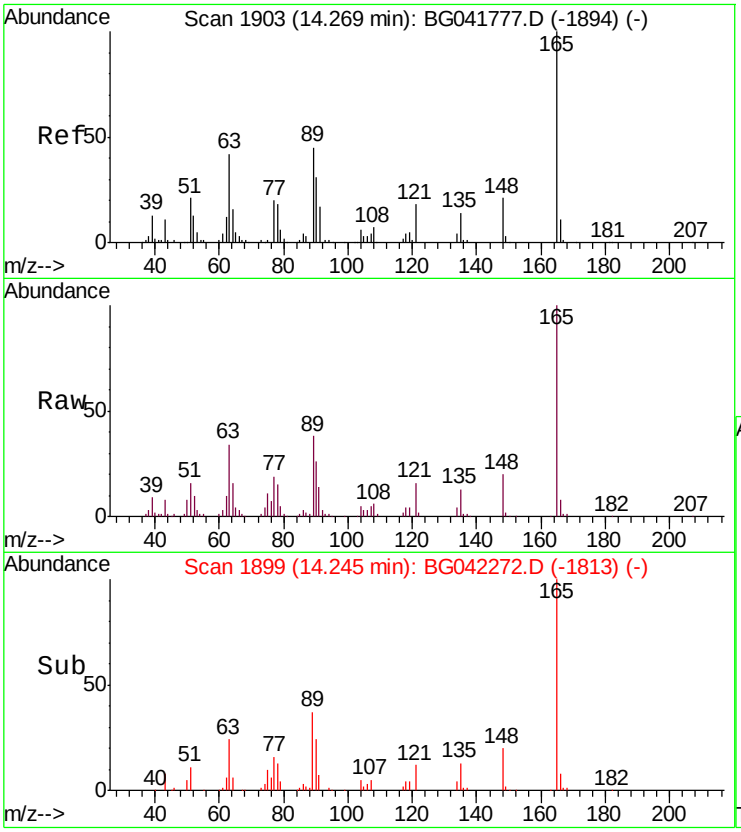


#50
Dimethylphthalate
Concen: 49.329 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:163 Resp: 589496

Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.2
164	10.9	9.4	14.2



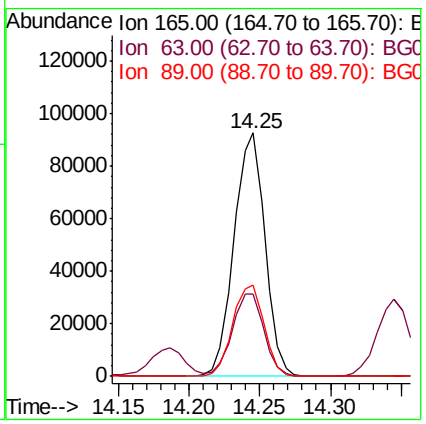


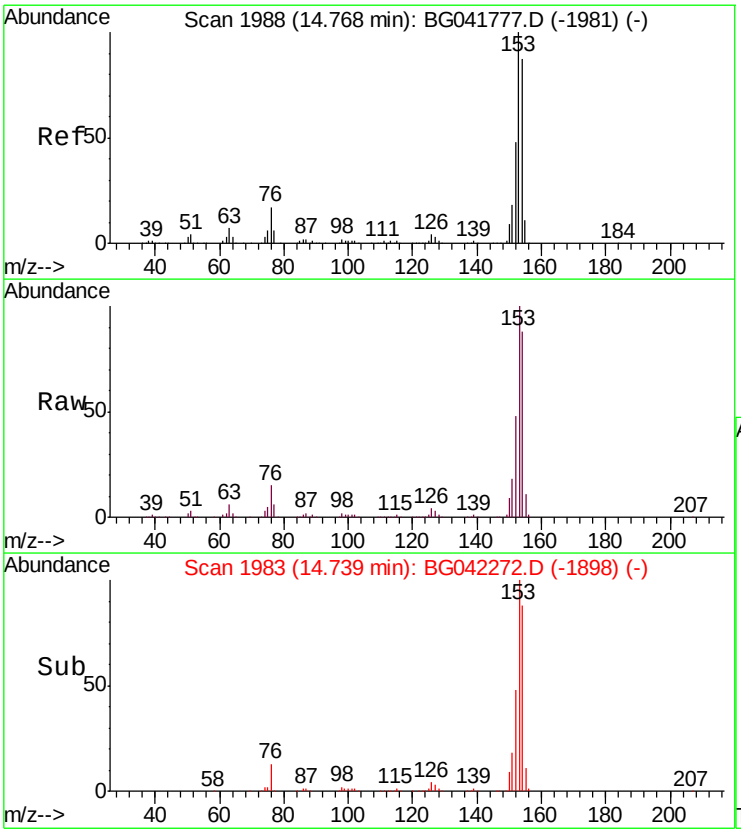
#51
2,6-Dinitrotoluene
Concen: 56.636 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:165 Resp: 141524

Ion	Ratio	Lower	Upper
165	100		
63	34.0	42.4	63.6#
89	37.6	42.1	63.1#

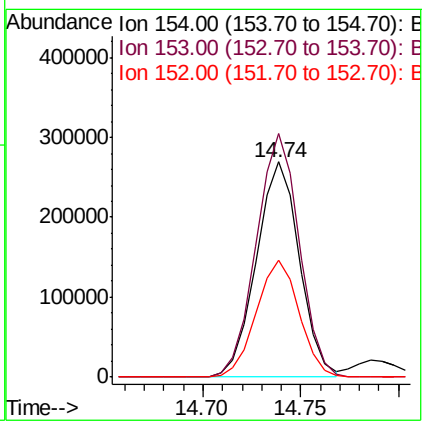


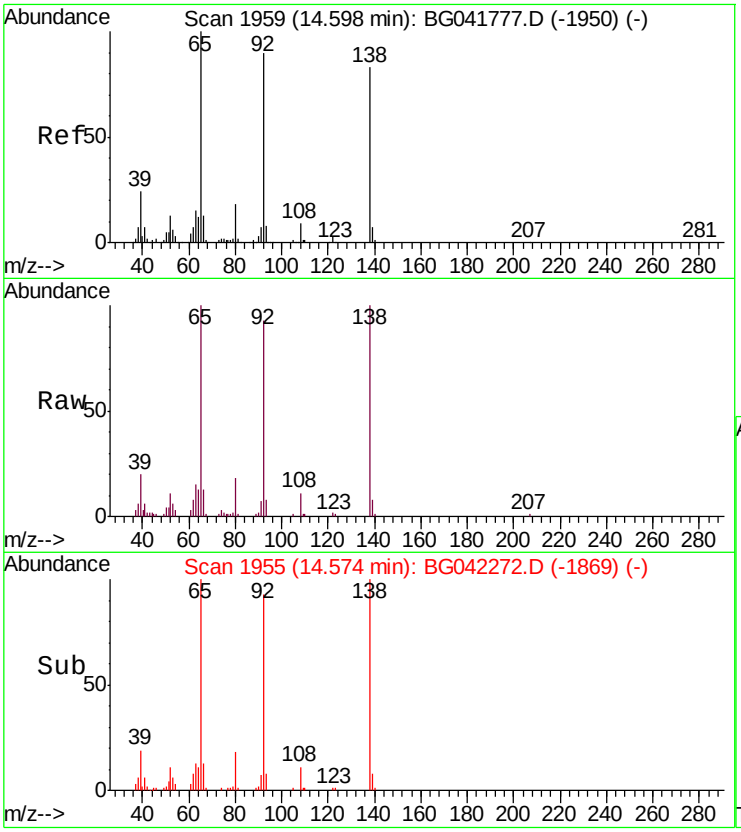


#52
Acenaphthene
Concen: 44.084 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:154 Resp: 410732

Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.8	134.6
152	54.6	44.9	67.3



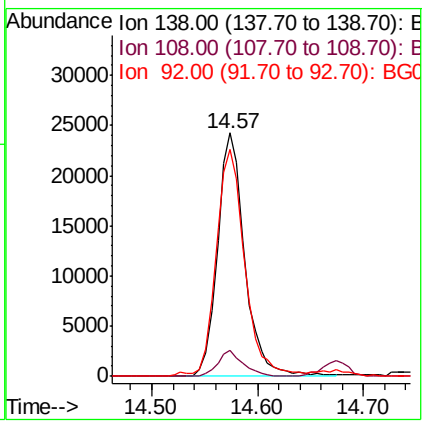


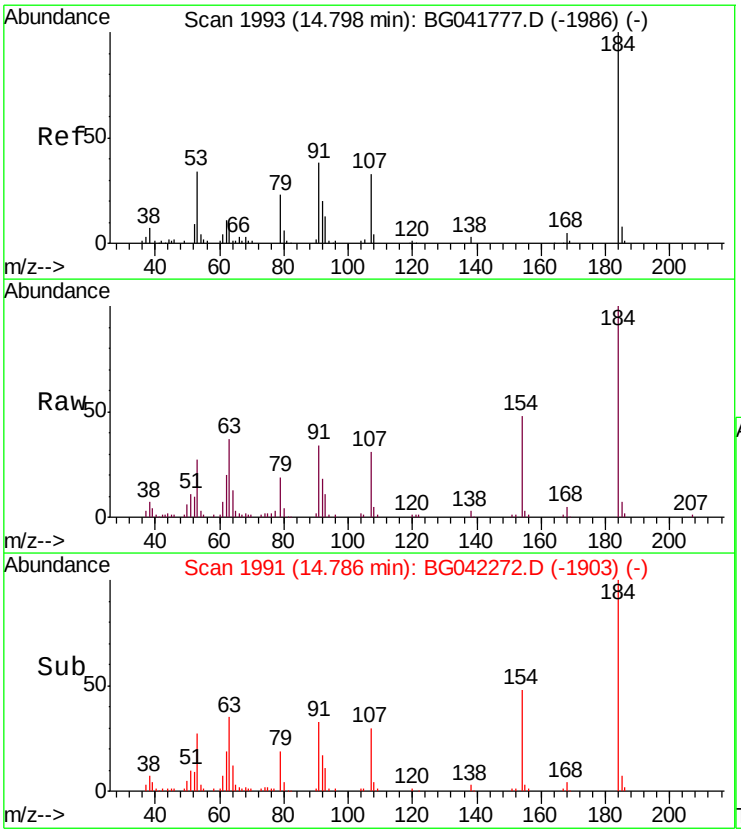
#53
3-Nitroaniline
Concen: 16.241 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:138 Resp: 43417

Ion	Ratio	Lower	Upper
138	100		
108	10.9	10.3	15.5
92	93.4	93.0	139.4

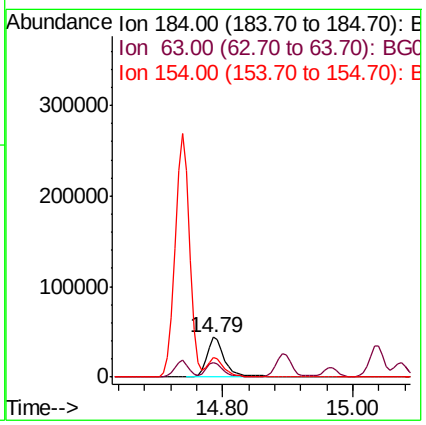


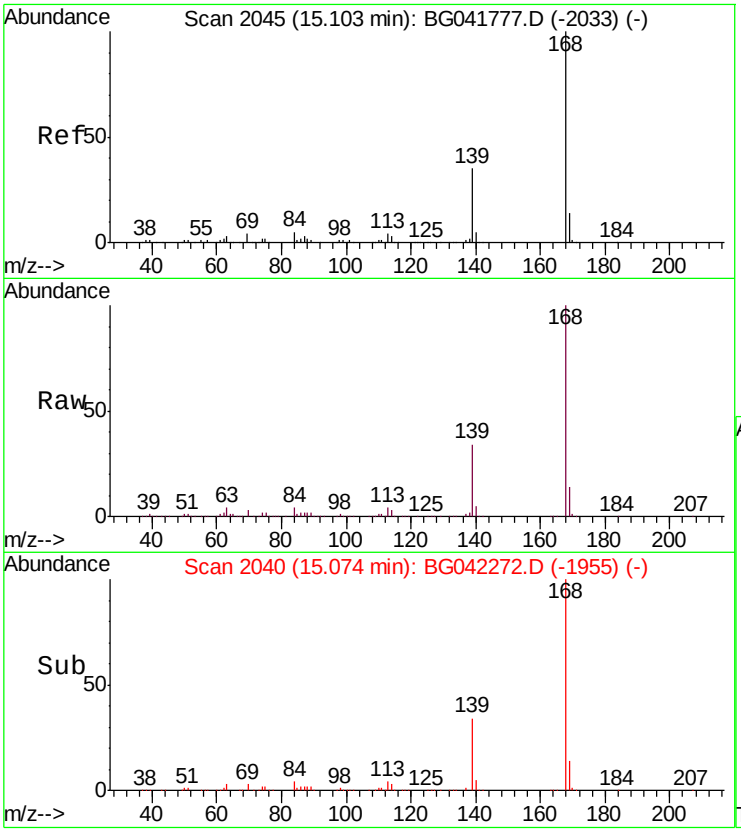


#54
2,4-Dinitrophenol
Concen: 60.927 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:184 Resp: 83875

Ion	Ratio	Lower	Upper
184	100		
63	37.3	43.2	64.8#
154	48.2	51.4	77.2#



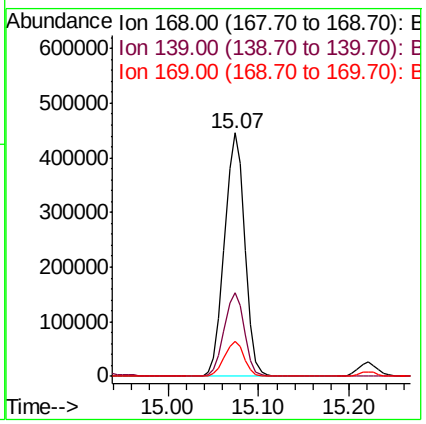


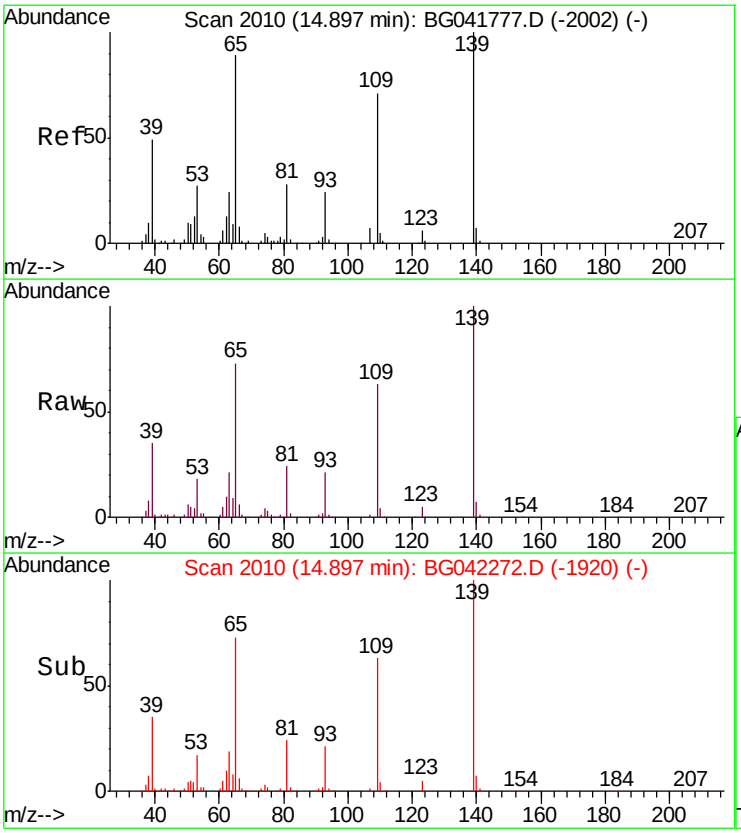
#55
Dibenzofuran
Concen: 48.550 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:168 Resp: 691881

Ion	Ratio	Lower	Upper
168	100		
139	34.3	31.9	47.9
169	14.4	12.5	18.7

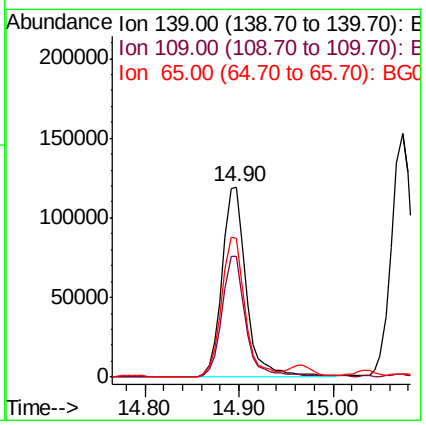


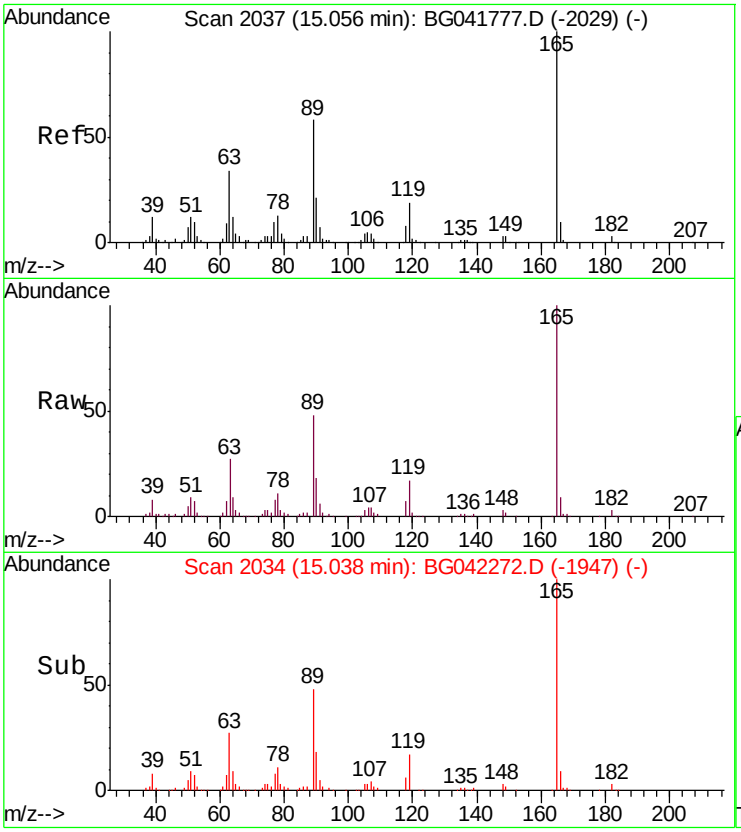


#56
4-Nitrophenol
Concen: 106.033 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:139 Resp: 215164

Ion	Ratio	Lower	Upper
139	100		
109	63.2	51.3	91.3
65	73.1	77.6	117.6#



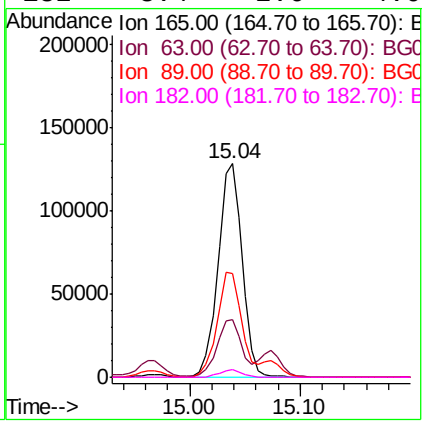


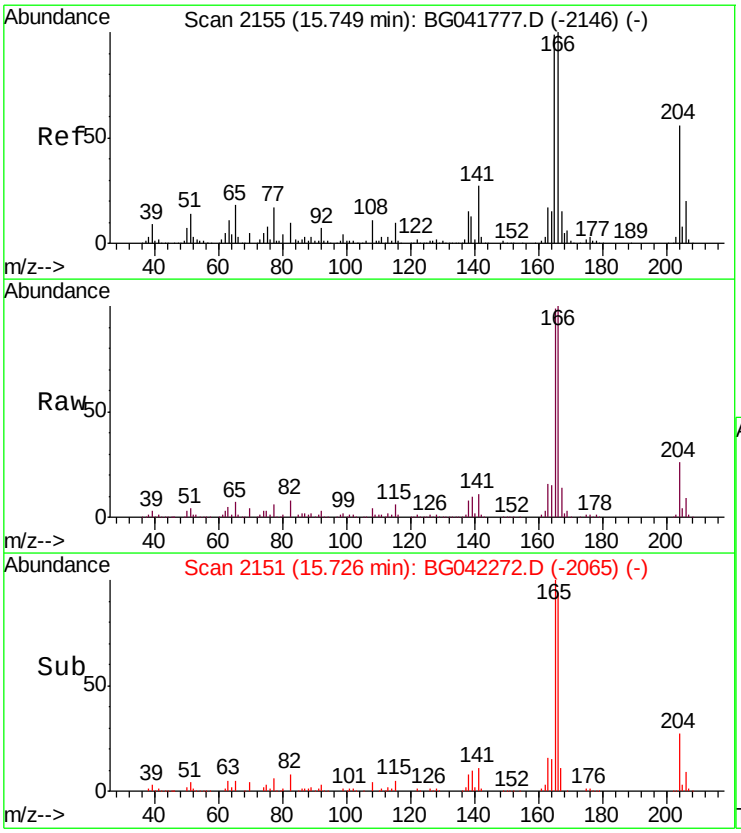
#57
2,4-Dinitrotoluene
Concen: 56.596 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:165 Resp: 194489

Ion	Ratio	Lower	Upper
165	100		
63	27.1	31.7	47.5#
89	48.4	50.2	75.4#
182	3.4	2.6	4.0

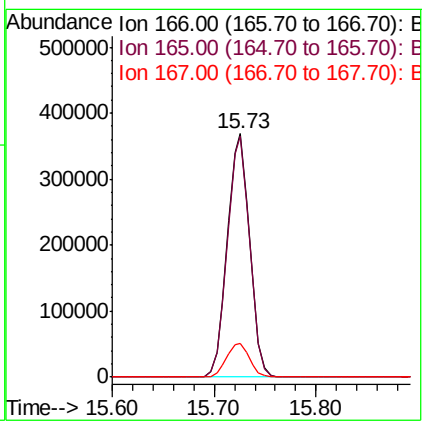


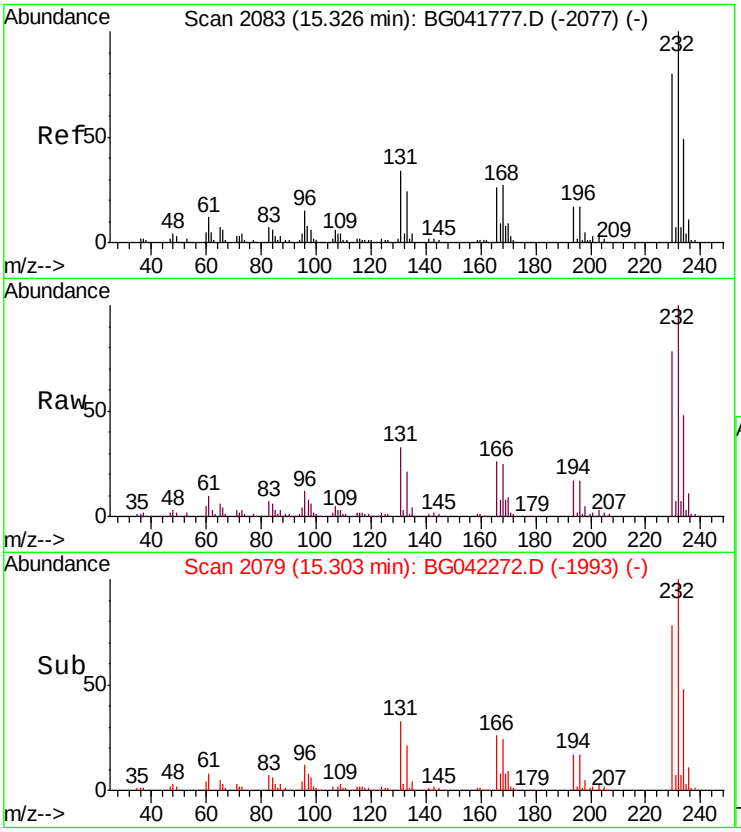


#58
Fluorene
Concen: 49.119 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:166 Resp: 561738

Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.5	120.7
167	13.9	12.4	18.6



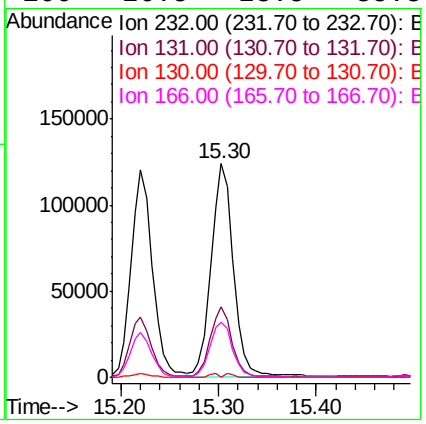


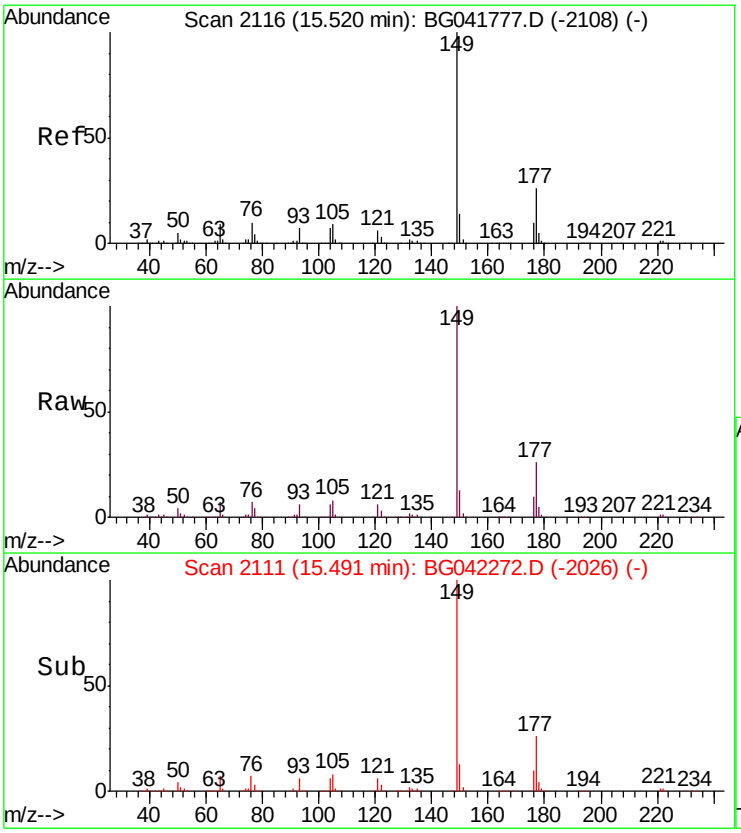
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.064 ng
RT: 15.30 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:232 Resp: 194796

Ion	Ratio	Lower	Upper
232	100		
131	31.7	31.8	47.6#
130	0.6	1.8	2.8#
166	26.5	23.5	35.3

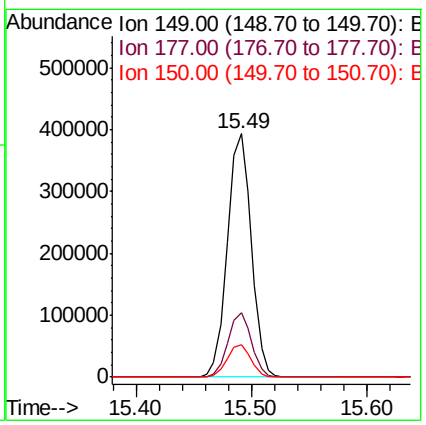


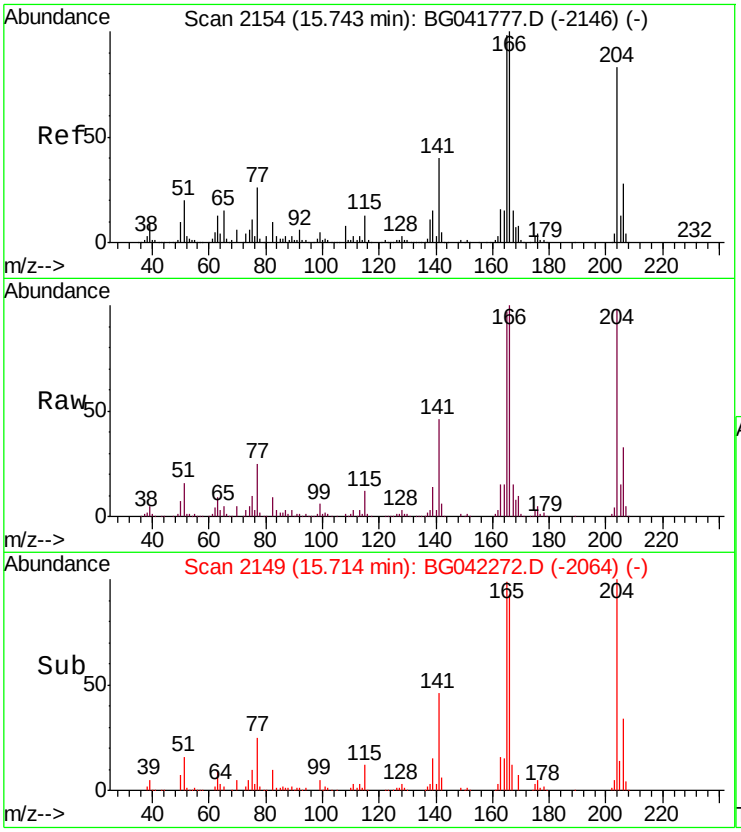


#60
Diethylphthalate
Concen: 47.882 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:149 Resp: 561773

Ion	Ratio	Lower	Upper
149	100		
177	26.4	20.7	31.1
150	13.5	11.5	17.3



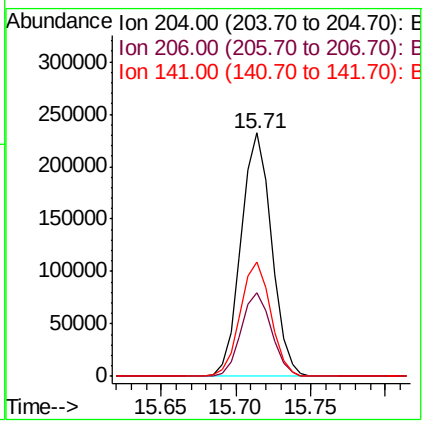


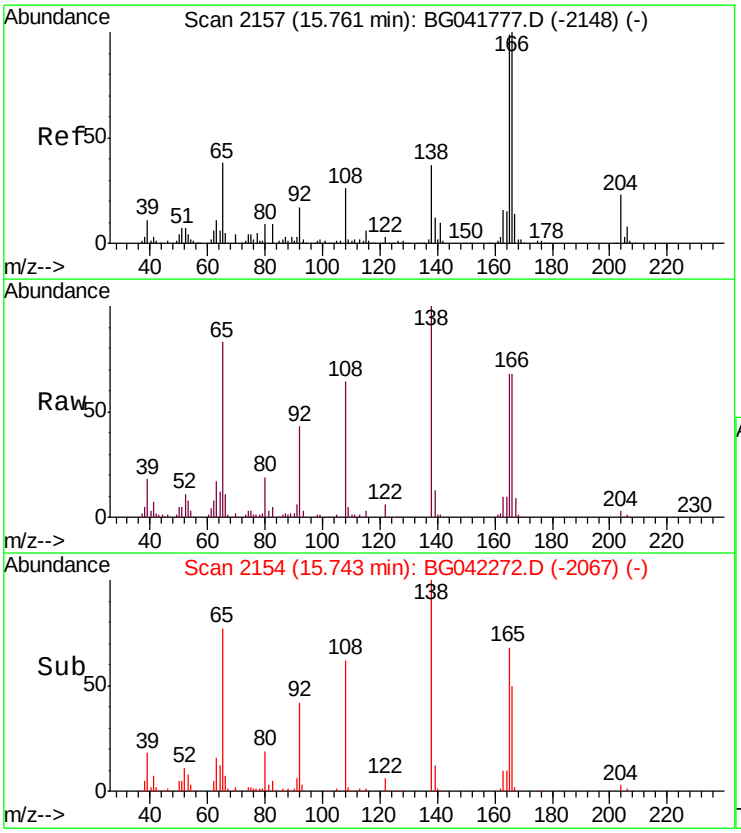
#61
4-Chlorophenyl-phenylether
Concen: 46.996 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:204 Resp: 328115

Ion	Ratio	Lower	Upper
204	100		
206	34.2	28.6	42.8
141	46.9	42.9	64.3

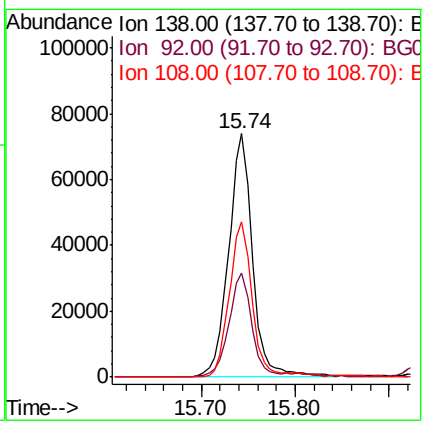


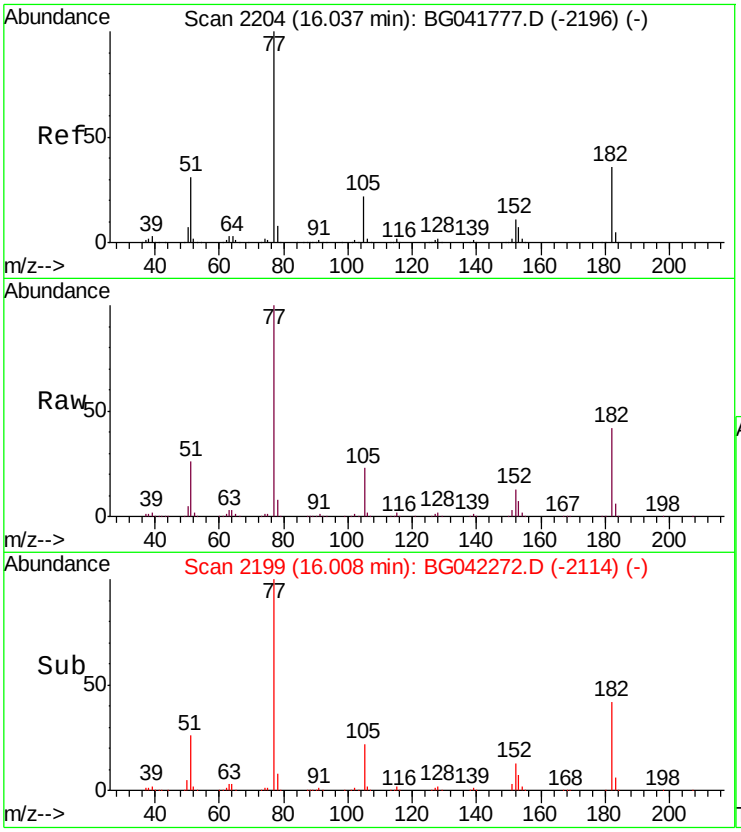


#62
4-Nitroaniline
Concen: 45.167 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:138 Resp: 130783

Ion	Ratio	Lower	Upper
138	100		
92	42.7	29.8	69.8
108	64.0	52.2	92.2



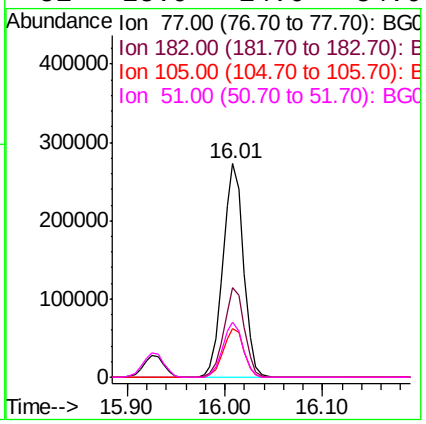


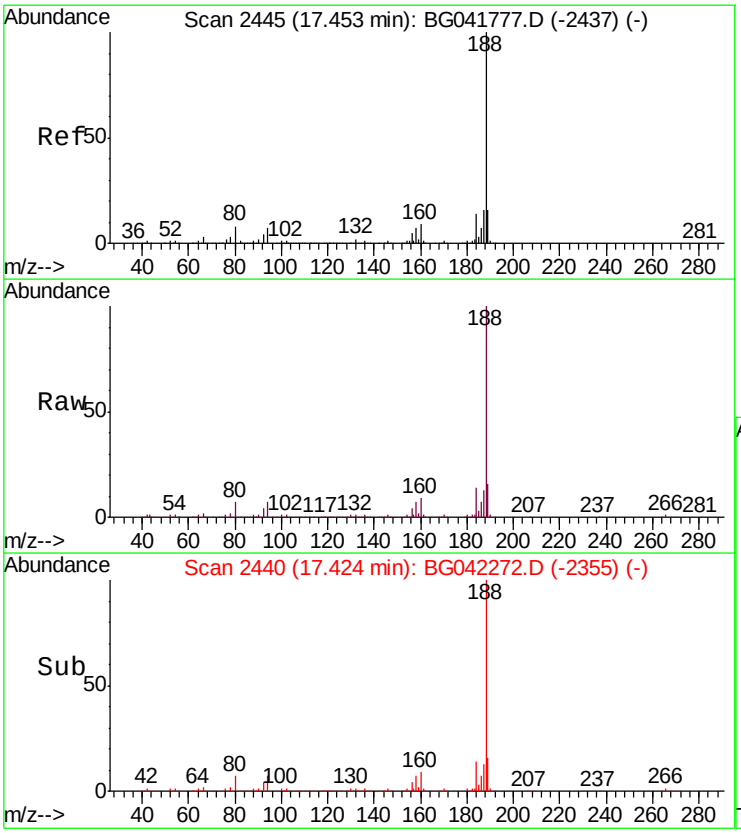
#63
Azobenzene
Concen: 41.165 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion: 77 Resp: 394529

Ion	Ratio	Lower	Upper
77	100		
182	42.1	13.2	53.2
105	22.9	2.2	42.2
51	25.9	14.6	54.6

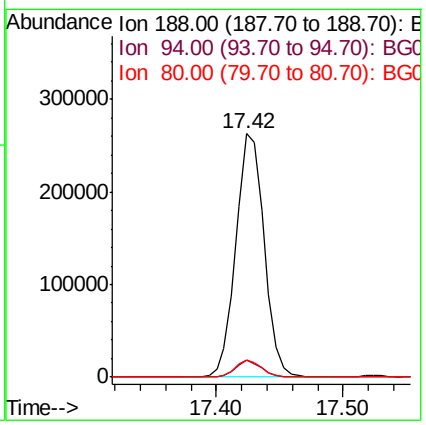


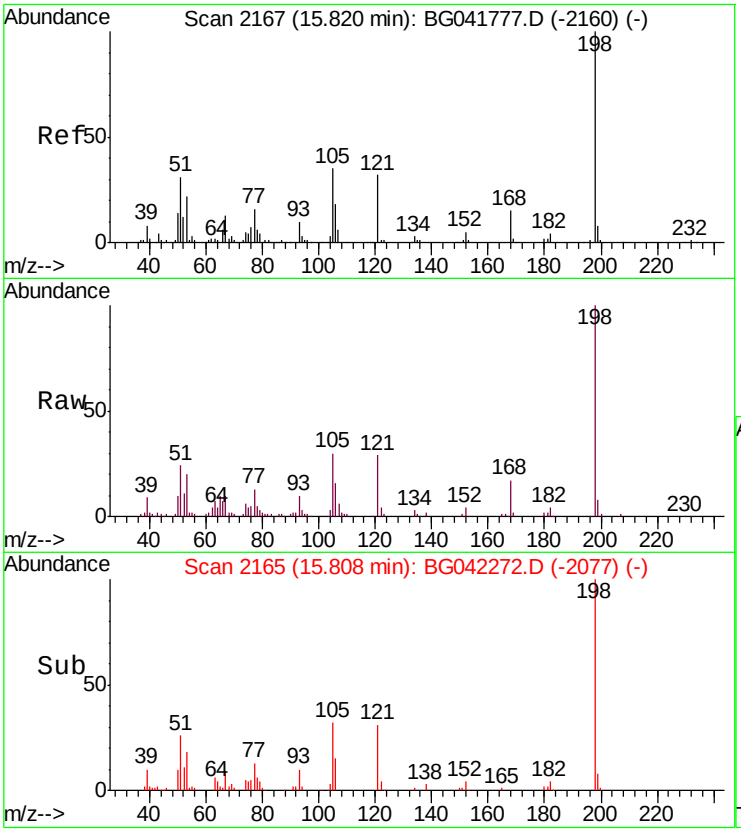


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:188 Resp: 404638

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	6.9	8.0	12.0#



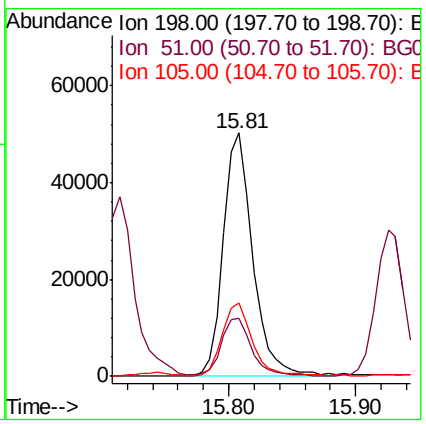


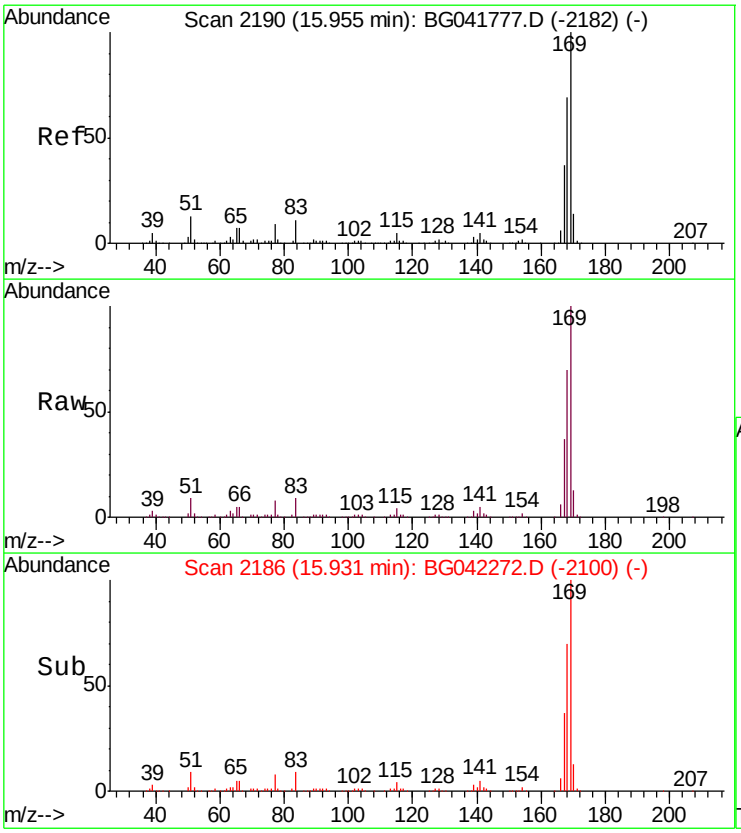
#65
4,6-Dinitro-2-methylphenol
Concen: 41.948 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:198 Resp: 81080

Ion	Ratio	Lower	Upper
198	100		
51	24.1	22.3	62.3
105	30.1	18.0	58.0

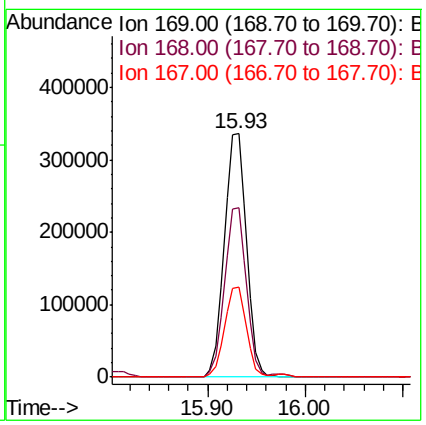


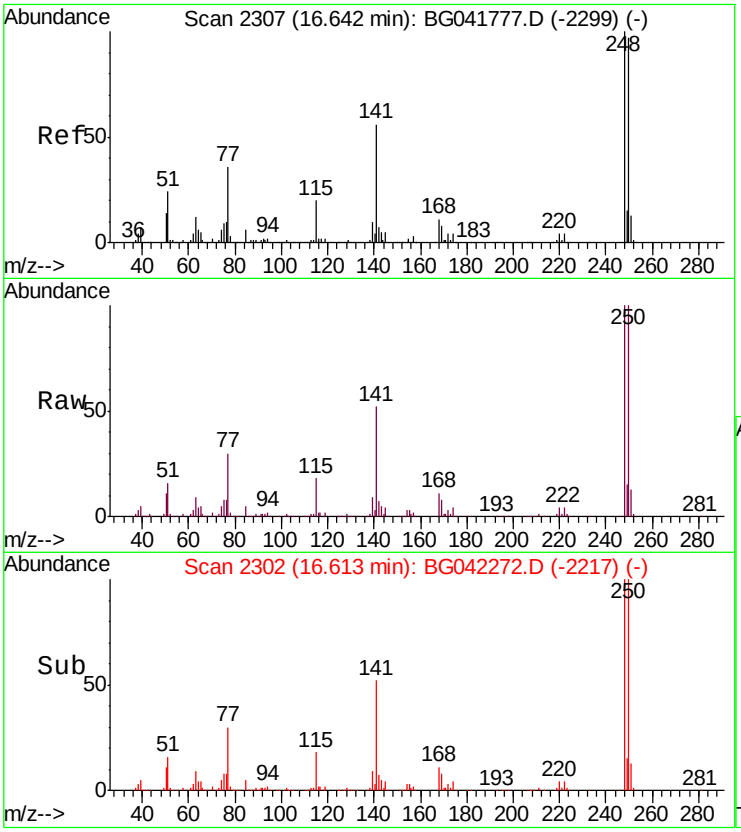


#66
n-Nitrosodiphenylamine
Concen: 47.854 ng
RT: 15.93 min Scan# 2186
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:169 Resp: 527449

Ion	Ratio	Lower	Upper
169	100		
168	69.7	56.9	85.3
167	36.9	31.5	47.3



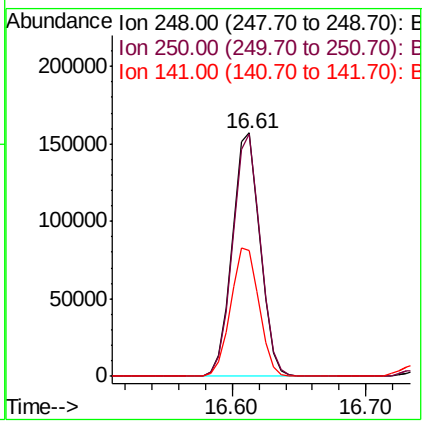


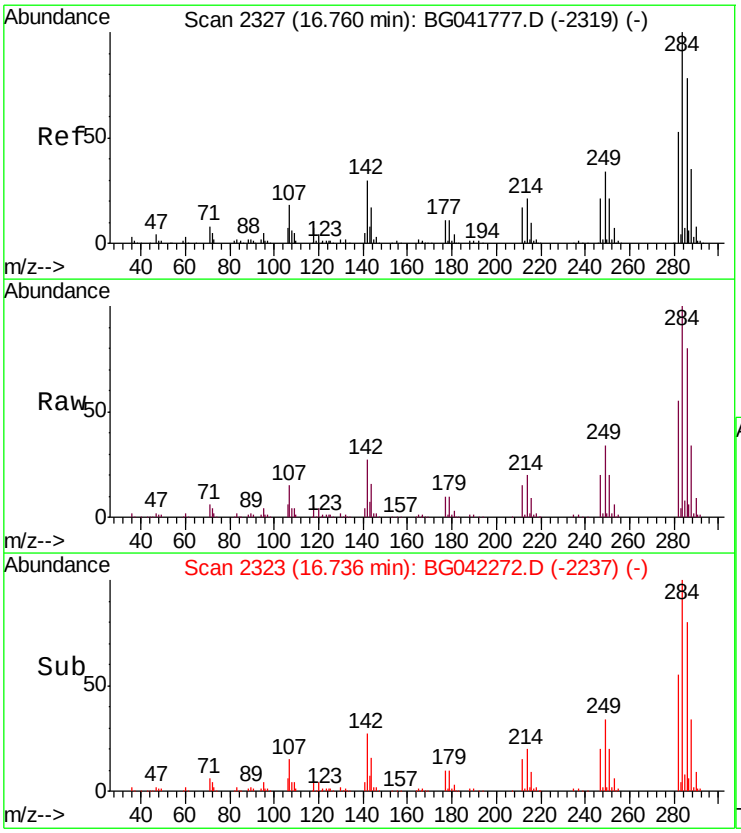
#67
4-Bromophenyl-phenylether
Concen: 45.666 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:248 Resp: 227614

Ion	Ratio	Lower	Upper
248	100		
250	99.5	78.1	117.1
141	51.7	49.6	74.4

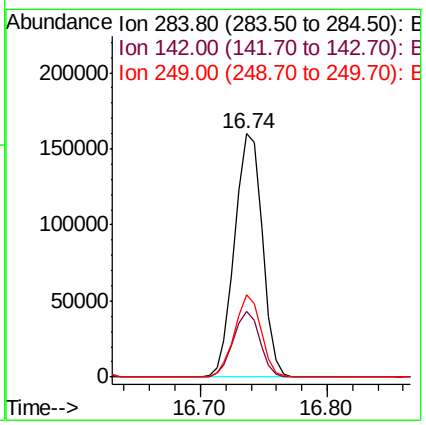


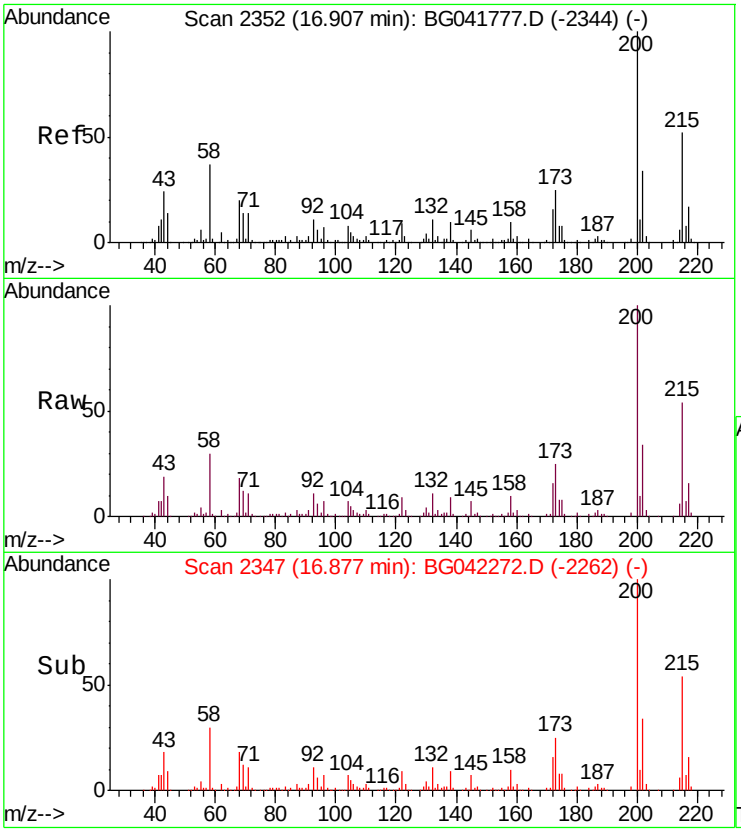


#68
Hexachlorobenzene
Concen: 46.401 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:284 Resp: 241956

Ion	Ratio	Lower	Upper
284	100		
142	26.8	27.0	40.6#
249	33.7	28.4	42.6



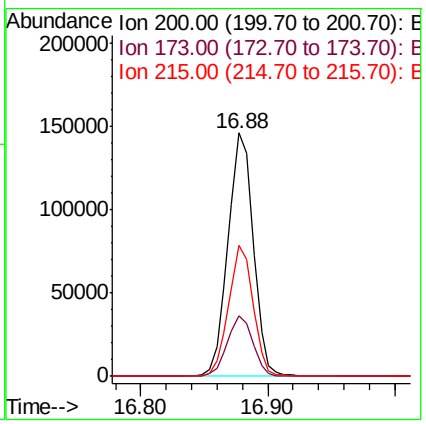


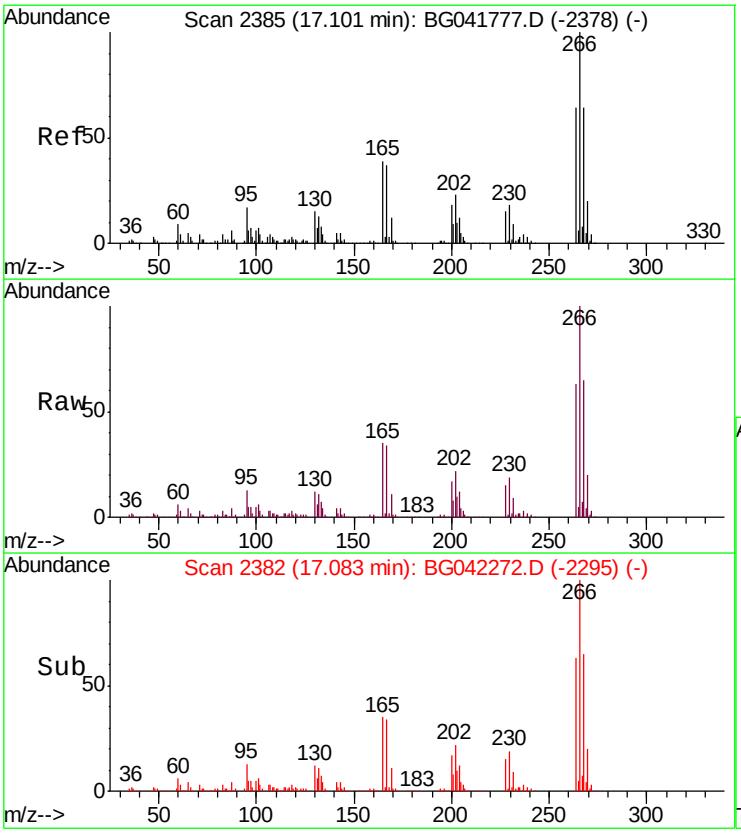
#69
Atrazine
Concen: 46.422 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:200 Resp: 201035

Ion	Ratio	Lower	Upper
200	100		
173	25.0	5.3	45.3
215	53.6	31.8	71.8

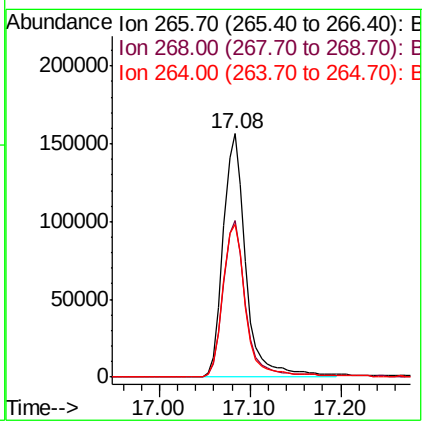


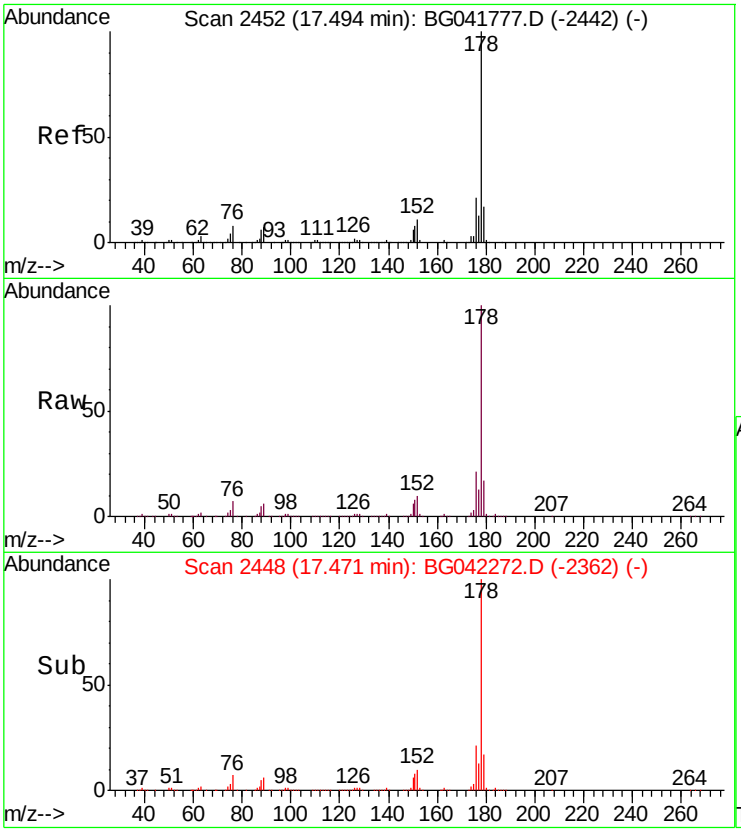


#70
Pentachlorophenol
Concen: 92.088 ng
RT: 17.08 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:266 Resp: 272788

Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.9	79.3
264	62.8	51.4	77.2



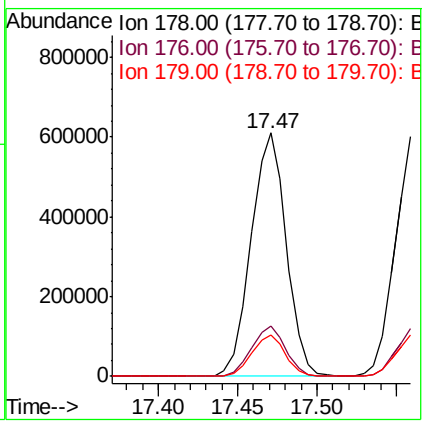


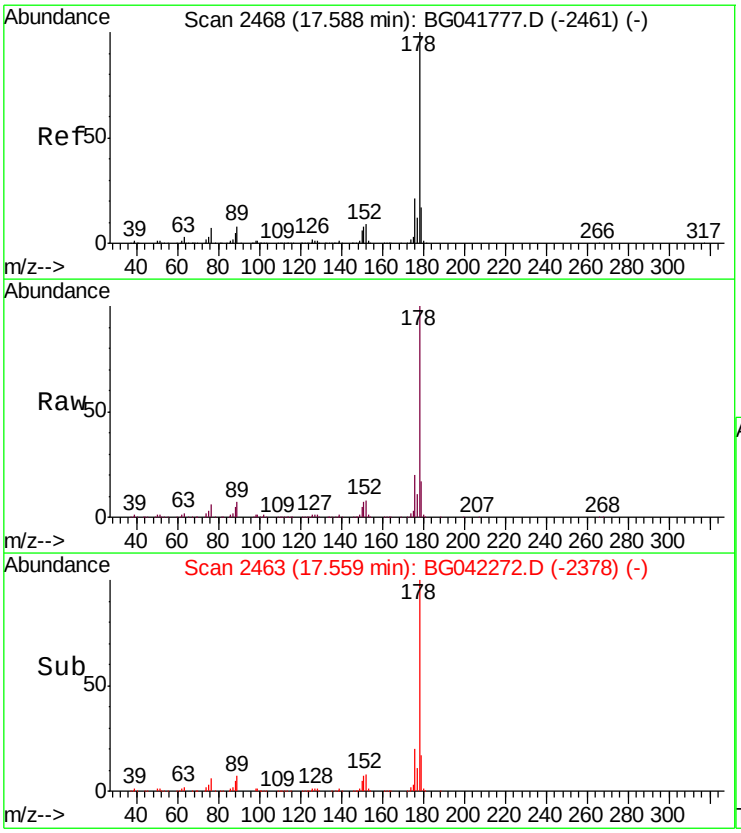
#71
Phenanthrene
Concen: 48.415 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:178 Resp: 939027

Ion	Ratio	Lower	Upper
178	100		
176	20.6	18.6	28.0
179	16.8	15.4	23.0

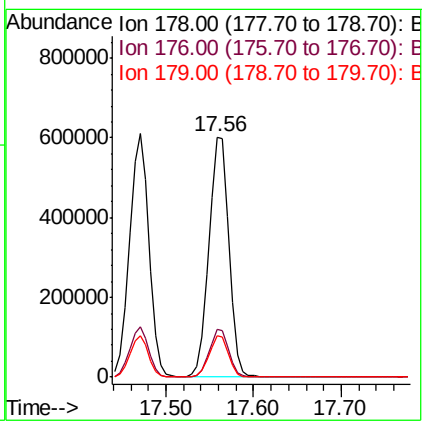


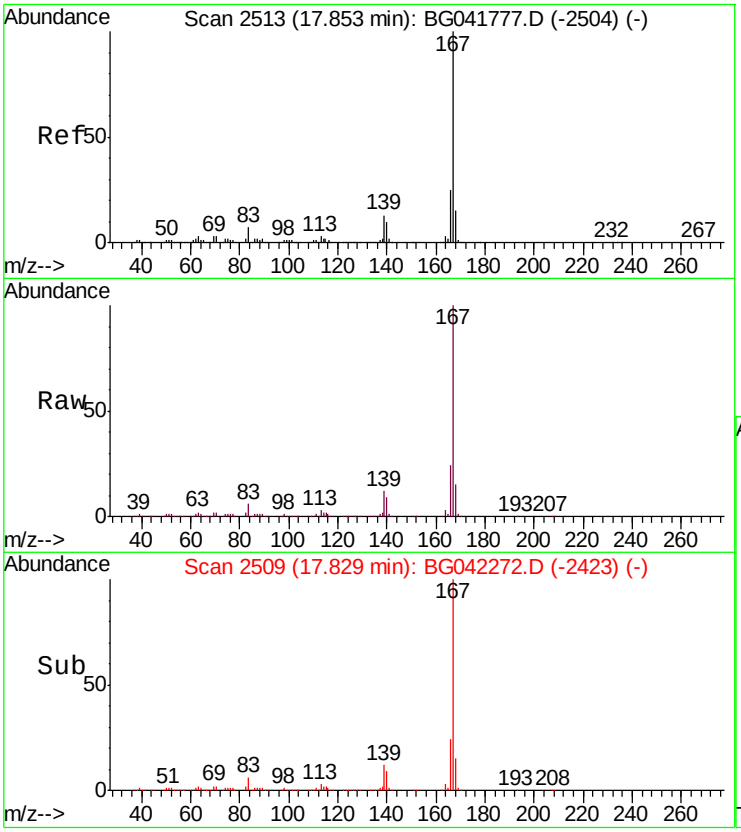


#72
Anthracene
Concen: 49.688 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:178 Resp: 961154

Ion	Ratio	Lower	Upper
178	100		
176	19.8	18.6	28.0
179	17.3	15.1	22.7



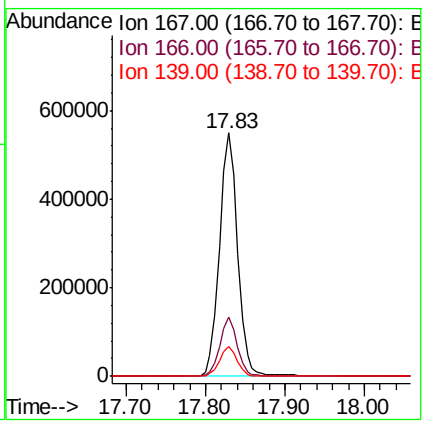


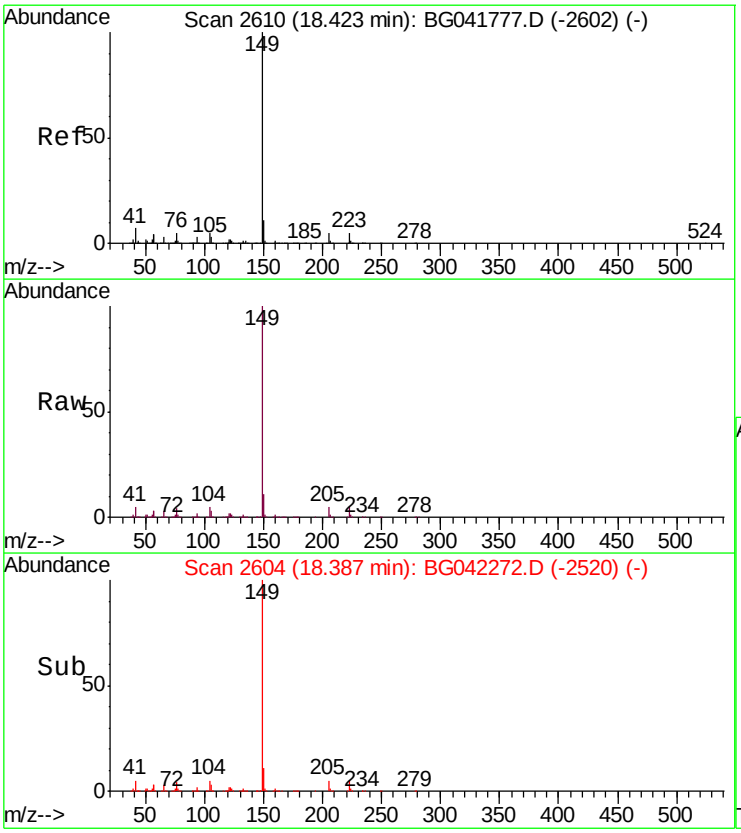
#73
Carbazole
Concen: 50.268 ng
RT: 17.83 min Scan# 2509
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:167 Resp: 872751

Ion	Ratio	Lower	Upper
167	100		
166	24.3	21.4	32.2
139	12.3	12.1	18.1

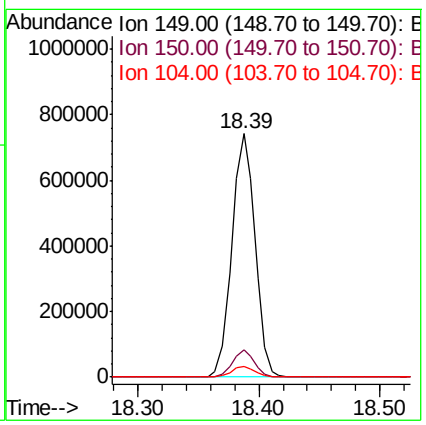


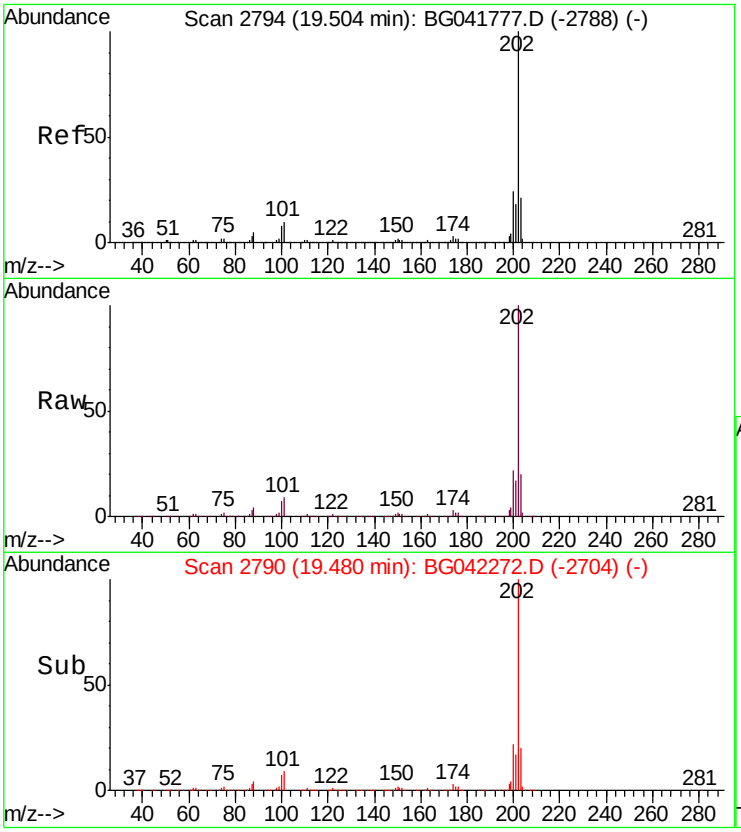


#74
Di-n-butylphthalate
Concen: 50.385 ng
RT: 18.39 min Scan# 2604
Delta R.T. -0.04 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:149 Resp: 991729

Ion	Ratio	Lower	Upper
149	100		
150	11.0	10.2	15.2
104	4.6	5.3	7.9#



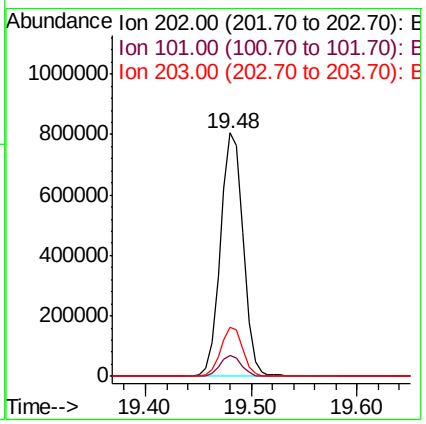


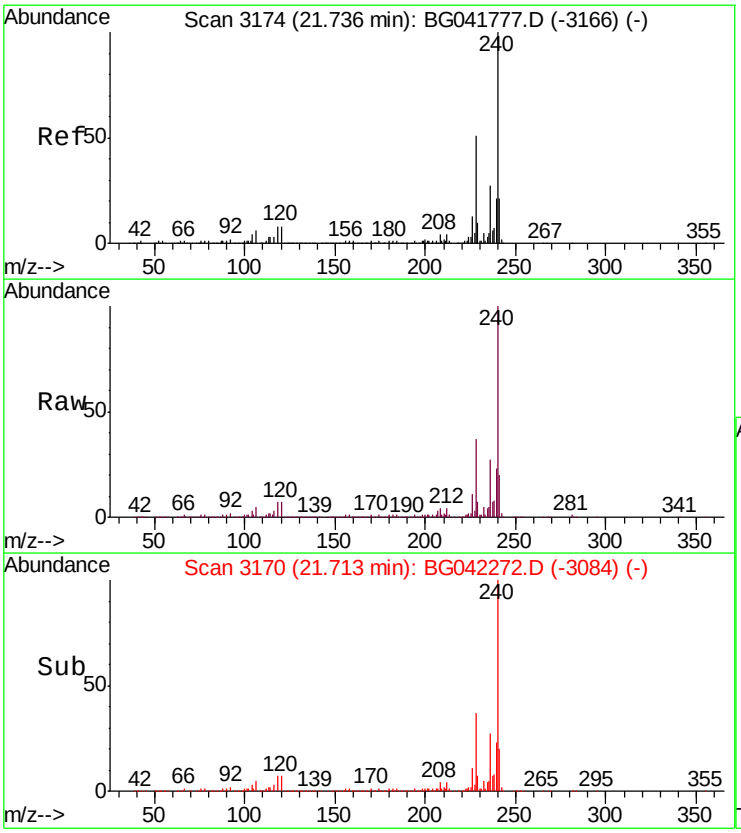
#75
Fluoranthene
Concen: 50.974 ng
RT: 19.48 min Scan# 2790
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:202 Resp: 1201744

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	32.8
203	19.9	3.7	43.7

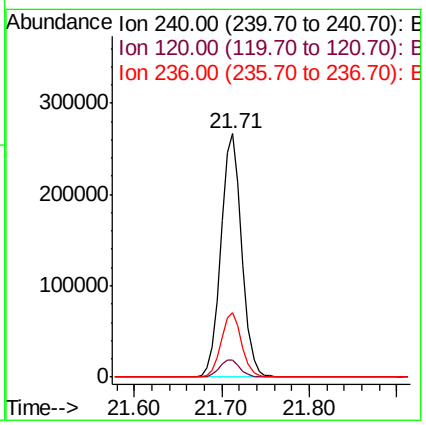


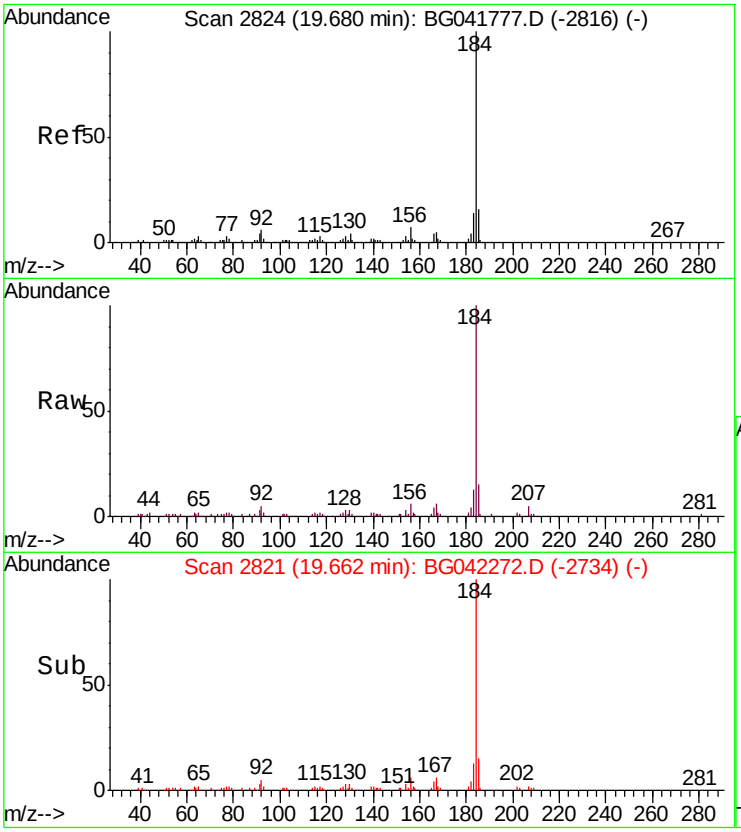


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:240 Resp: 436302

Ion	Ratio	Lower	Upper
240	100		
120	7.1	8.0	12.0#
236	26.5	22.6	33.8



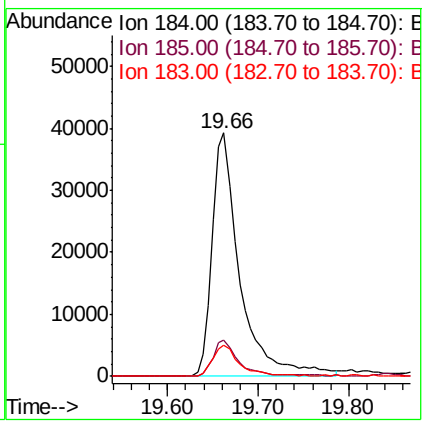


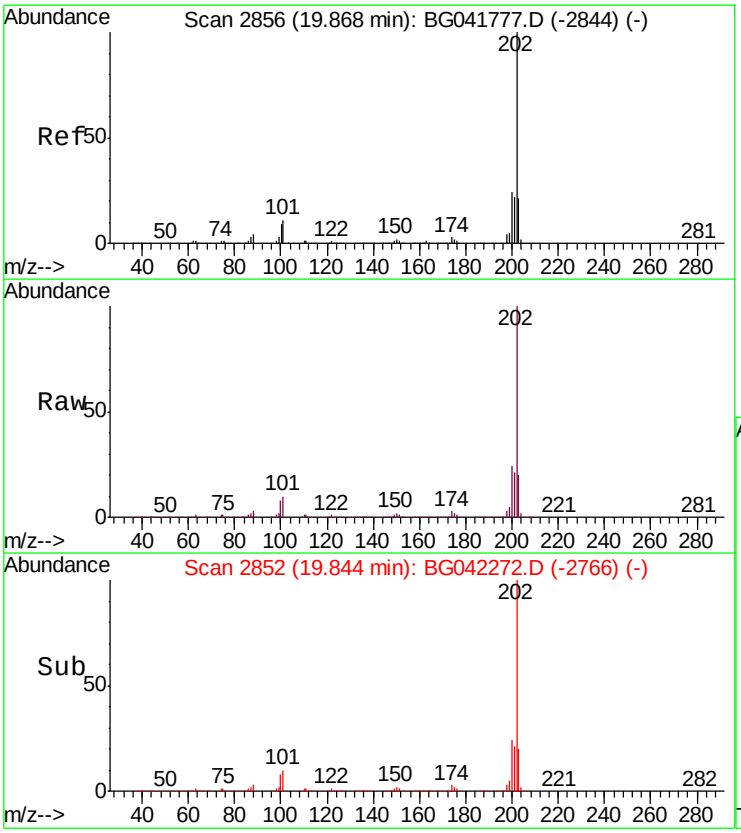
#77
Benzidine
Concen: 5.859 ng
RT: 19.66 min Scan# 2821
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:184 Resp: 83440

Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.0	19.4
183	12.6	11.8	17.6

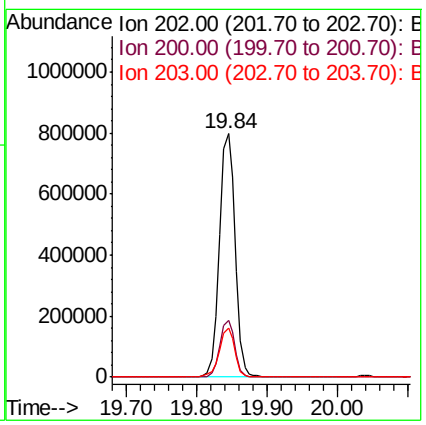


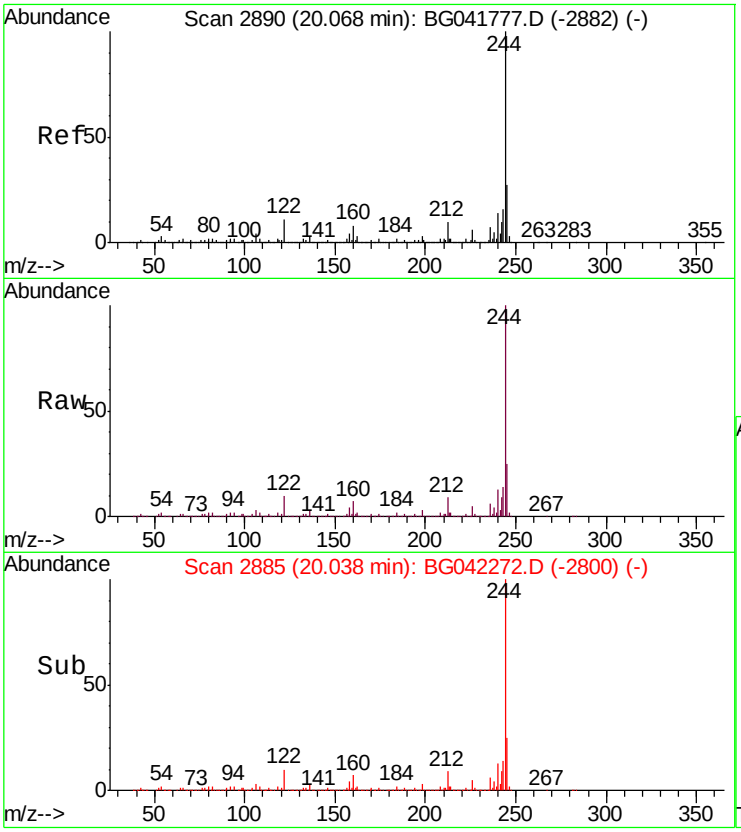


#78
Pyrene
Concen: 47.494 ng
RT: 19.84 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:202 Resp: 1227725

Ion	Ratio	Lower	Upper
202	100		
200	23.5	22.2	33.2
203	20.0	18.9	28.3



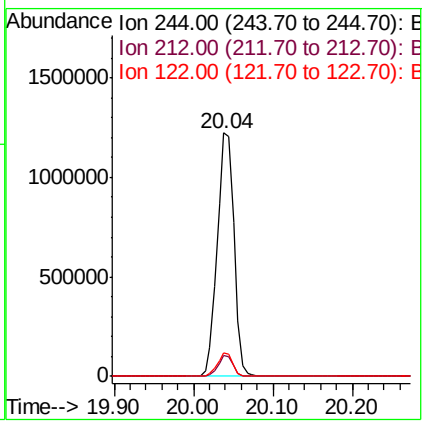


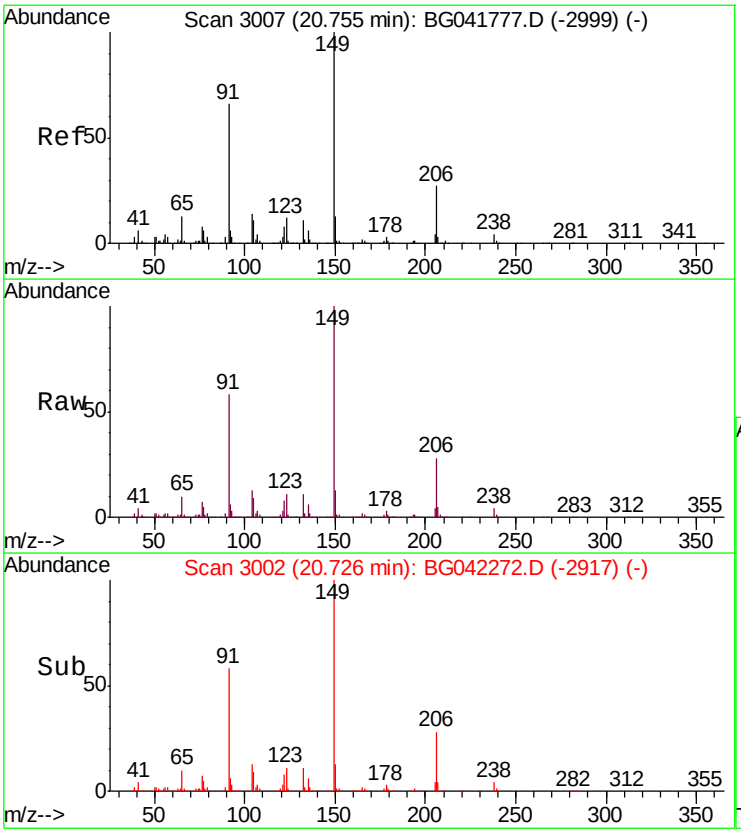
#79
Terphenyl-d14
Concen: 94.062 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:244 Resp: 1793482

Ion	Ratio	Lower	Upper
244	100		
212	8.5	9.7	14.5#
122	9.6	12.5	18.7#

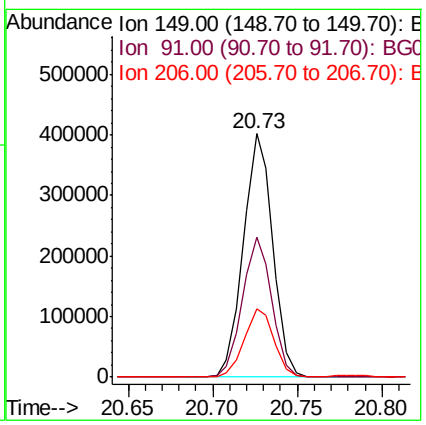


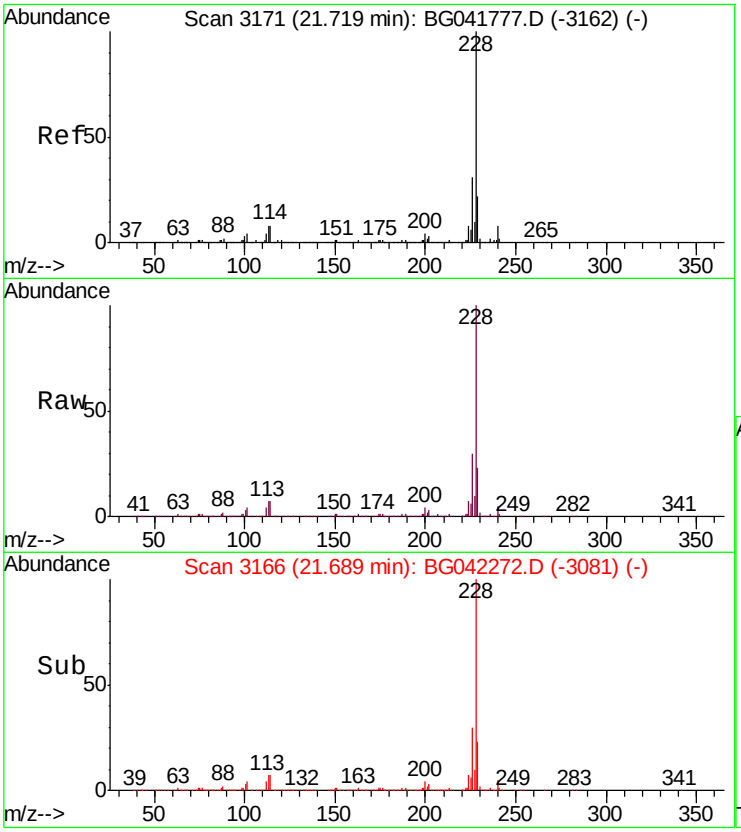


#80
Butylbenzylphthalate
Concen: 49.153 ng
RT: 20.73 min Scan# 3002
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:149 Resp: 487160

Ion	Ratio	Lower	Upper
149	100		
91	57.7	58.9	88.3#
206	27.9	20.8	31.2



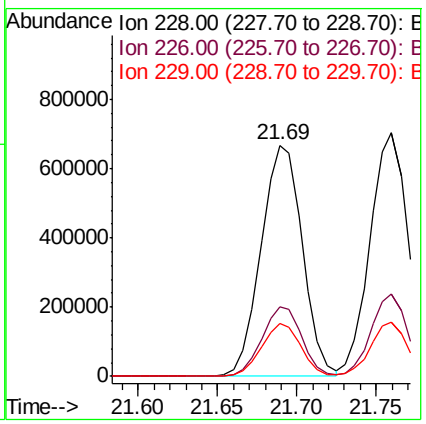


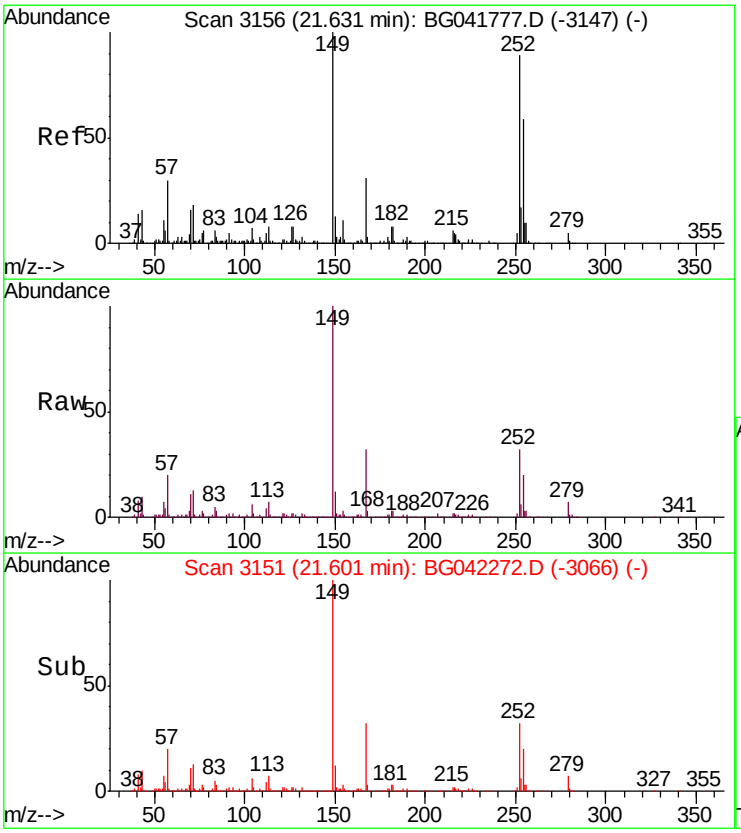
#81
Benzo(a)anthracene
Concen: 46.834 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:228 Resp: 1208966

Ion	Ratio	Lower	Upper
228	100		
226	30.1	27.3	40.9
229	22.6	19.7	29.5

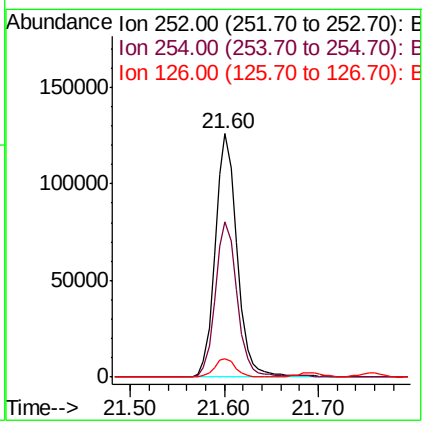


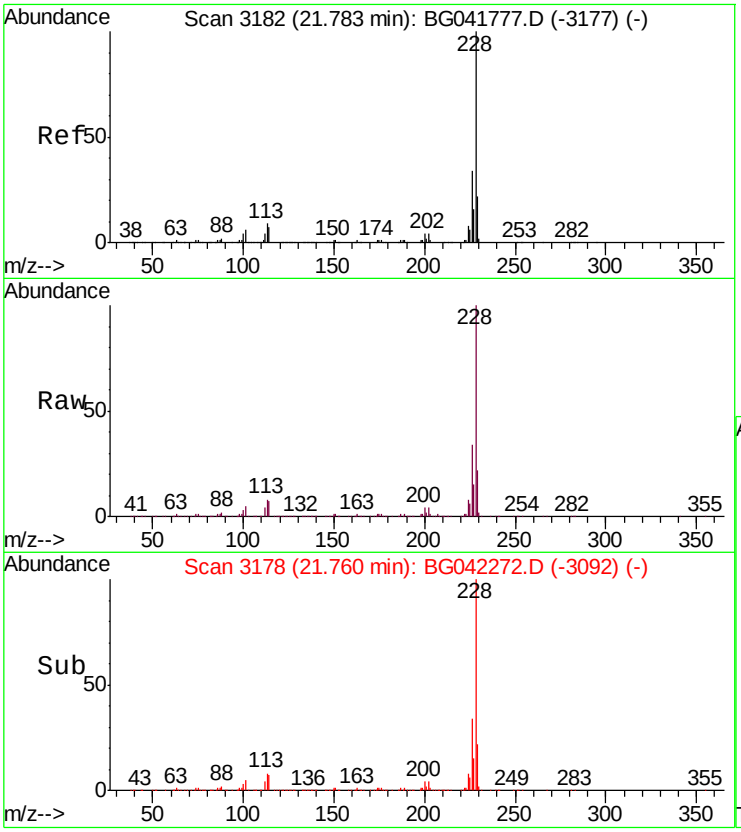


#82
3,3'-Dichlorobenzidine
Concen: 19.790 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.03 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:252 Resp: 205105

Ion	Ratio	Lower	Upper
252	100		
254	63.6	53.8	80.6
126	7.5	7.8	11.8#



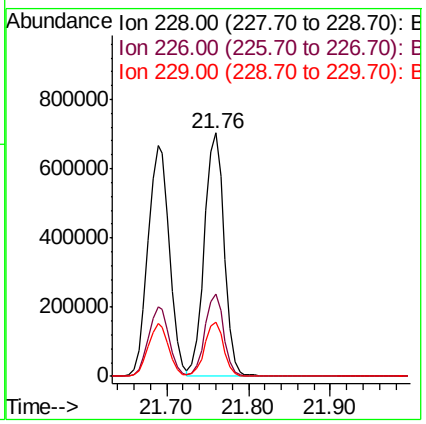


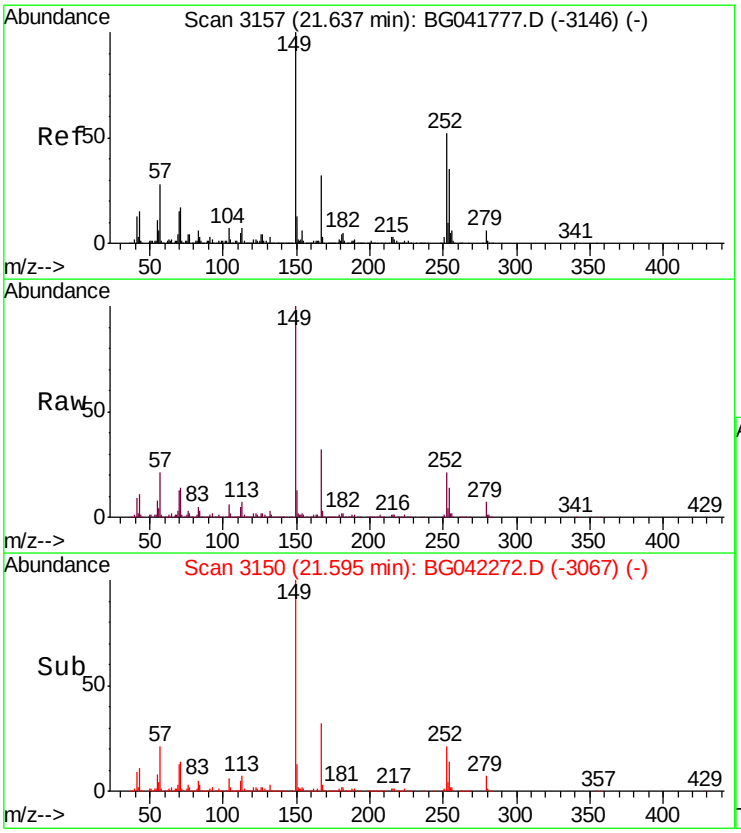
#83
Chrysene
Concen: 47.756 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.02 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:228 Resp: 1181678

Ion	Ratio	Lower	Upper
228	100		
226	33.6	30.1	45.1
229	22.2	19.8	29.6

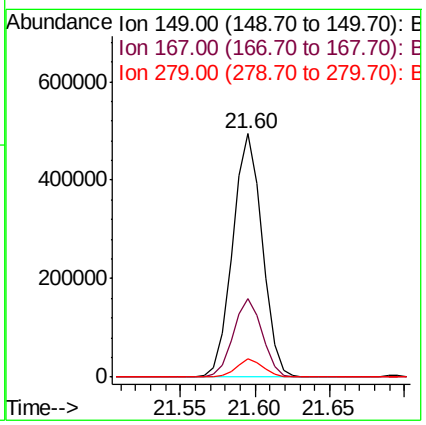


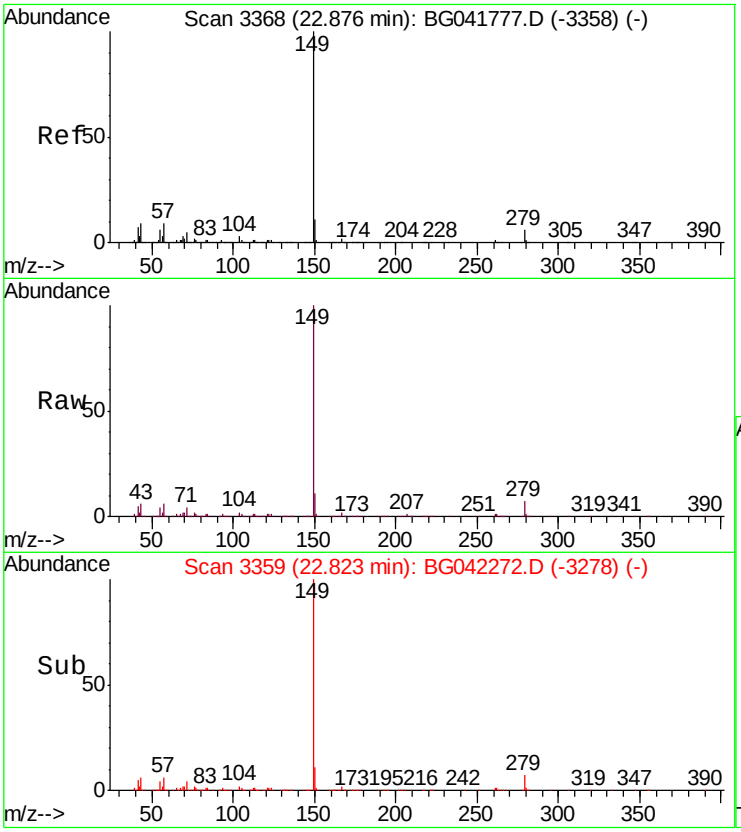


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.798 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.04 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:149 Resp: 680815

Ion	Ratio	Lower	Upper
149	100		
167	32.3	27.0	40.4
279	7.3	5.0	7.6



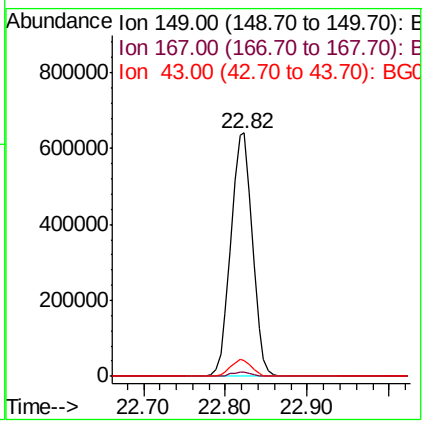


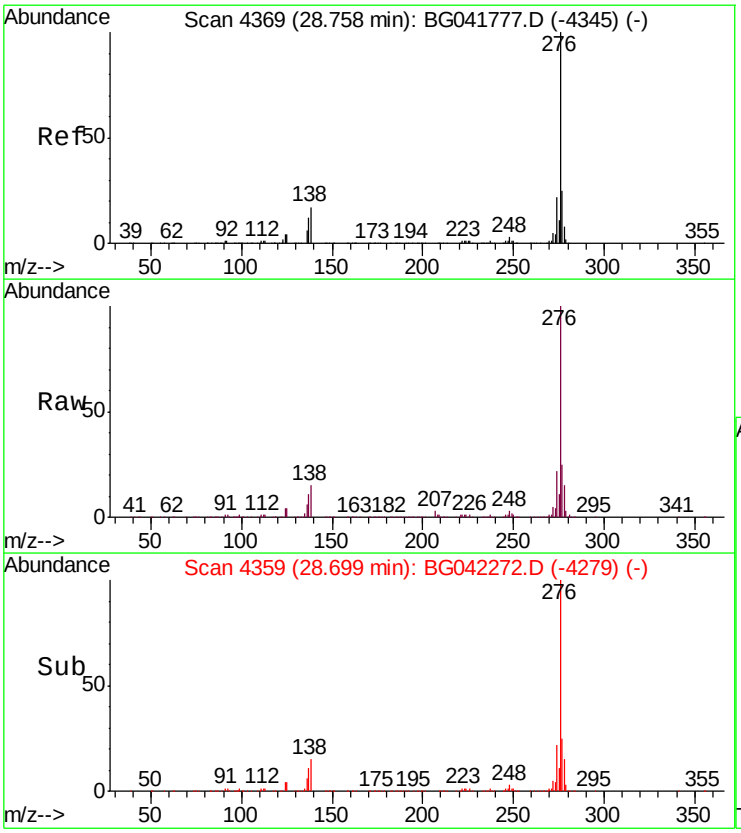
#85
Di-n-octyl phthalate
Concen: 51.094 ng
RT: 22.82 min Scan# 3359
Delta R.T. -0.05 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:149 Resp: 1175582

Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.6	2.4
43	6.5	10.6	16.0#

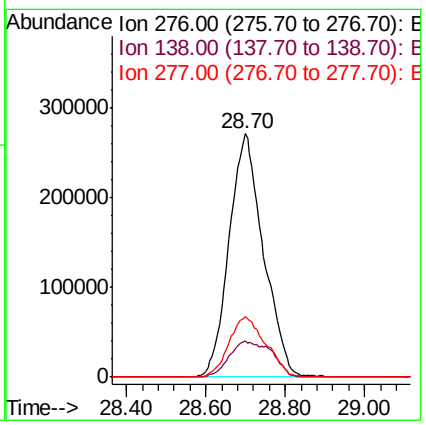


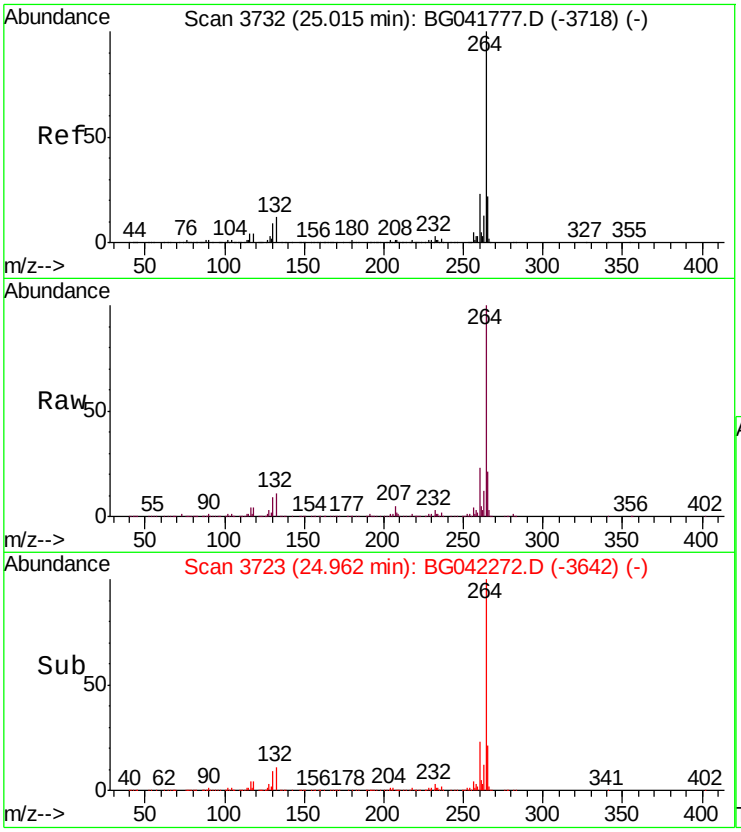


#86
Indeno(1,2,3-cd)pyrene
Concen: 49.832 ng
RT: 28.70 min Scan# 4359
Delta R.T. -0.06 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:276 Resp: 1632266

Ion	Ratio	Lower	Upper
276	100		
138	18.3	19.4	29.0#
277	26.6	21.2	31.8



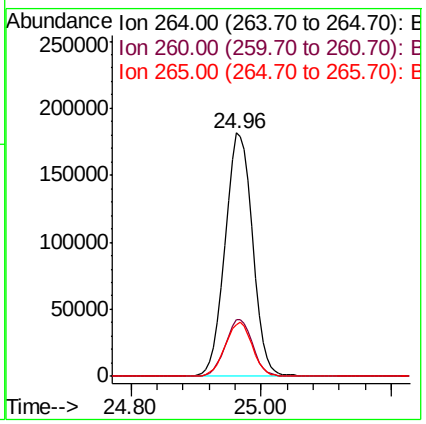


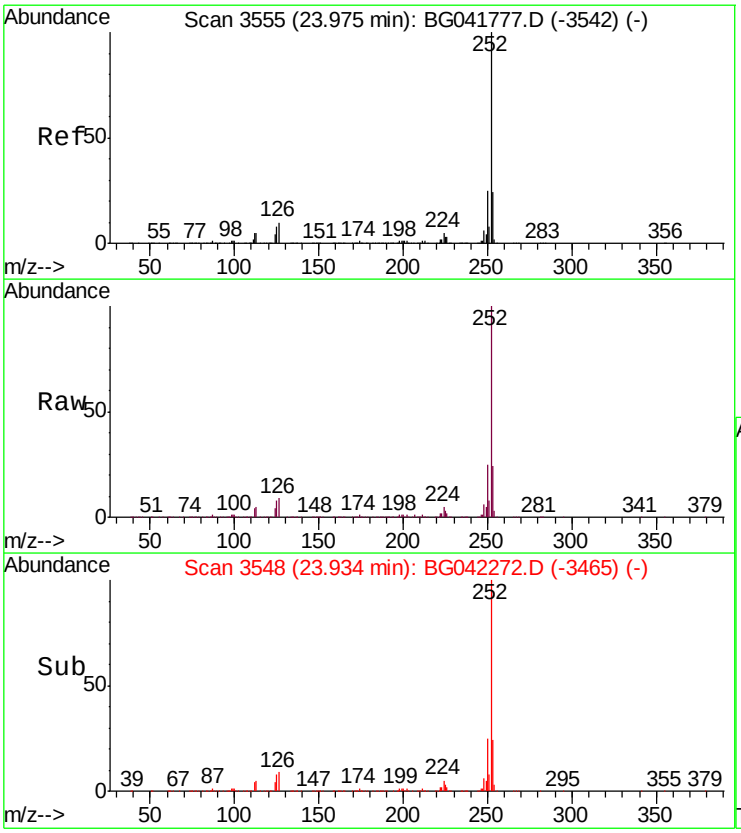
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.05 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:264 Resp: 530910

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.4	18.0	27.0

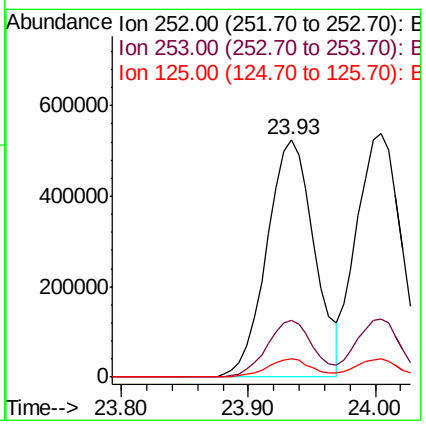


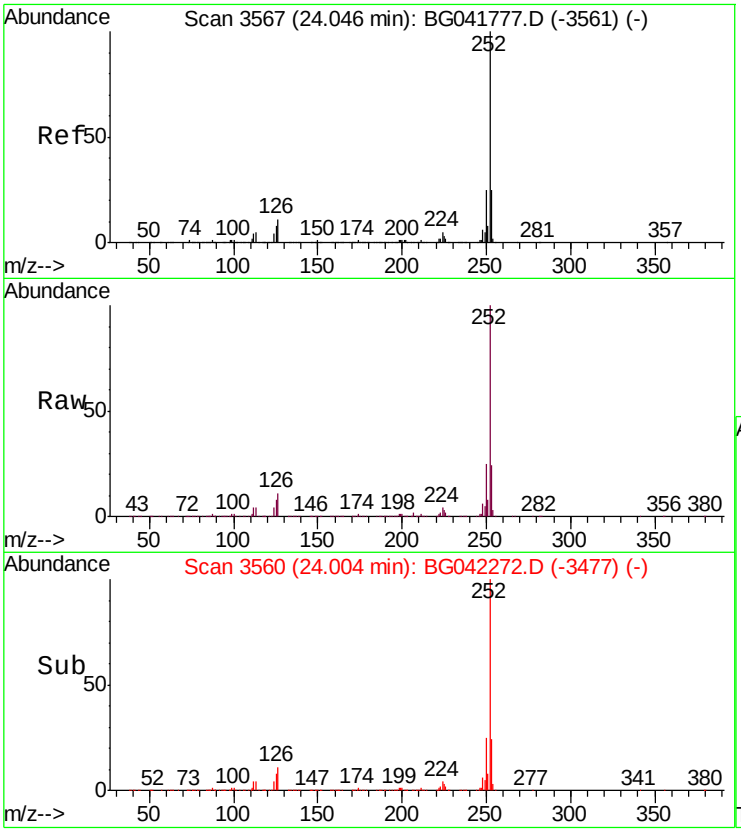


#88
Benzo(b)fluoranthene
Concen: 47.204 ng
RT: 23.93 min Scan# 3548
Delta R.T. -0.04 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:252 Resp: 1370953

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.6	30.8
125	7.7	8.0	12.0#



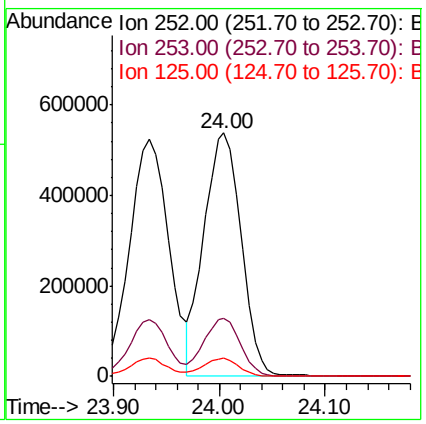


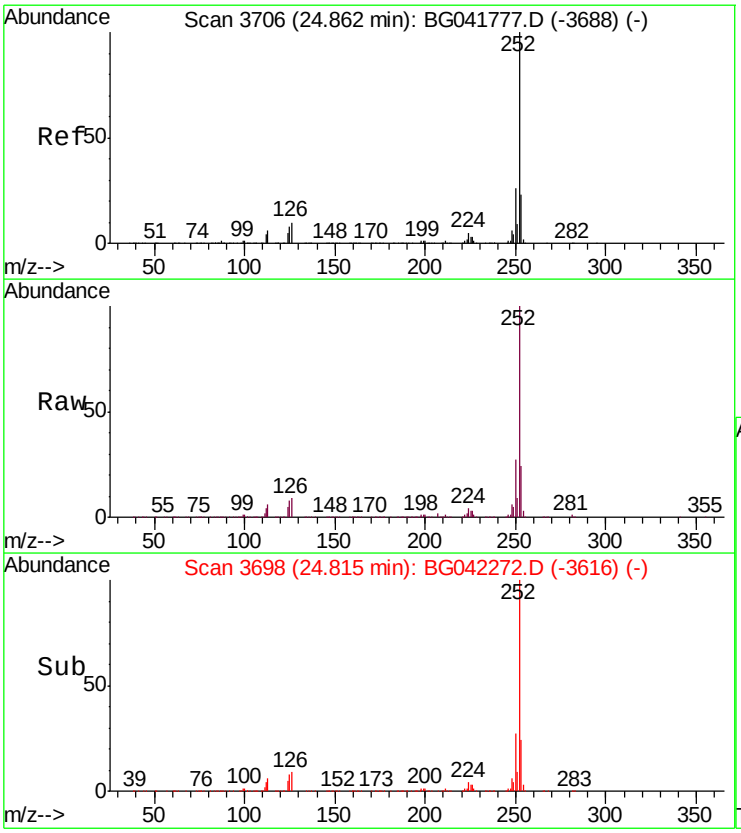
#89
Benzo(k)fluoranthene
Concen: 46.613 ng
RT: 24.00 min Scan# 3560
Delta R.T. -0.04 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:252 Resp: 1318724

Ion	Ratio	Lower	Upper
252	100		
253	23.7	20.5	30.7
125	7.6	8.4	12.6#

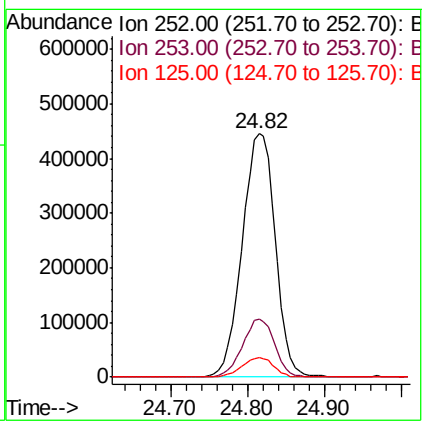


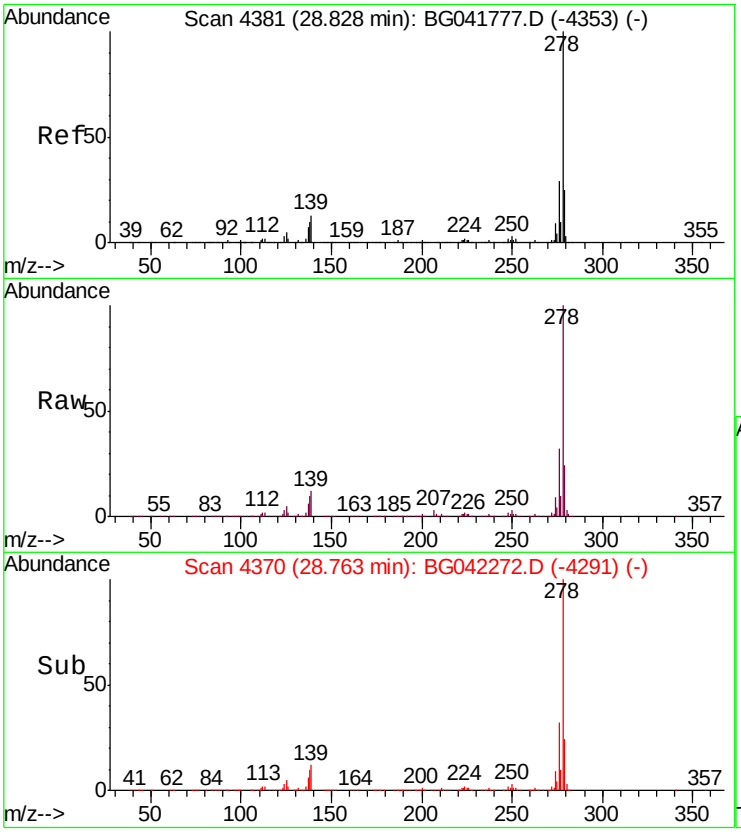


#90
Benzo(a)pyrene
Concen: 48.085 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.05 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:252 Resp: 1339387

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.8	29.8
125	8.1	8.8	13.2#



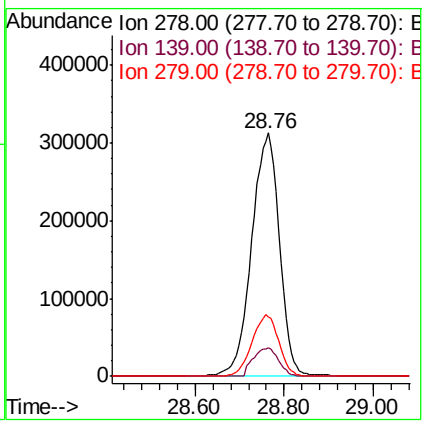


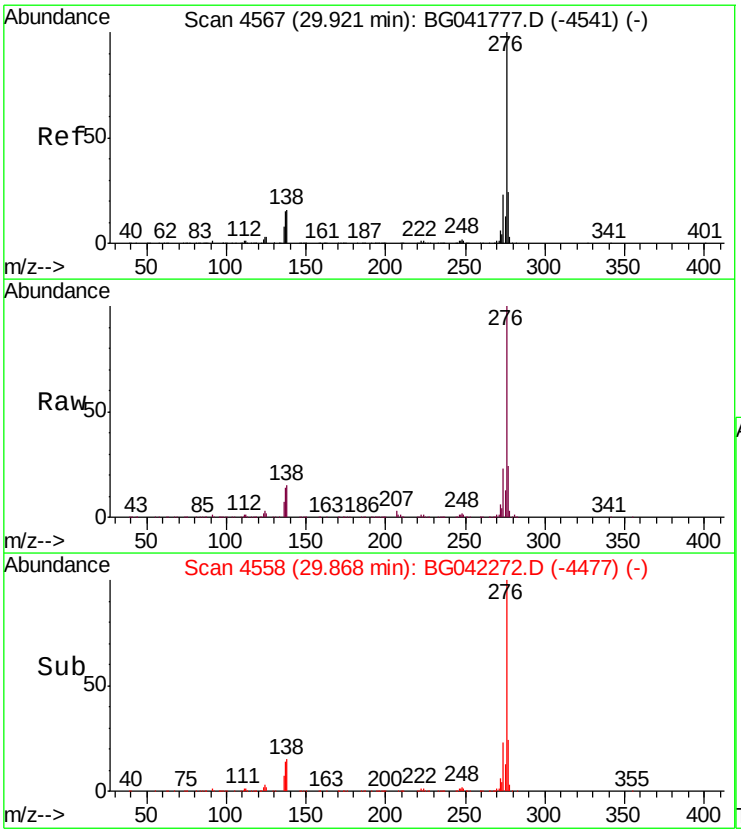
#91
Dibenzo(a,h)anthracene
Concen: 49.040 ng
RT: 28.76 min Scan# 4370
Delta R.T. -0.06 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MSD

Tgt Ion:278 Resp: 1341282

Ion	Ratio	Lower	Upper
278	100		
139	11.8	12.6	19.0#
279	24.4	20.5	30.7





#92
Benzo(g,h,i)perylene
Concen: 49.863 ng
RT: 29.87 min Scan# 4558
Delta R.T. -0.05 min
Lab File: BG042272.D
Acq: 16 Aug 2019 23:05

Tgt Ion:276 Resp: 1362515

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.8	29.8
138	14.9	16.6	25.0#