Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070116\
Data File : BG022788.D
Acq On : 2 Jul 2016 11:08
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 04 08:22:34 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 04 08:19:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	104198	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	455101	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	375712	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	938109	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1041915	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1086410	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	18928	10.15	ng/uL	0.00
5) Phenol-d5	7.31	99	211058	19.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	11790	1.91	ng/ul	-0.14
9) 2-Chlorophenol-d4	7.69	132	142624	19.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	158980	18.67	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	73073	20.14	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	86053	19.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	188159	20.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	1636	0.21	ng/ul	0.20
43) Dimethylphthalate-d6	14.20	166	617945	20.25	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	706945	20.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	98893	20.64	ng/ul	0.00
57) Fluorene-d10	15.79	176	598873	20.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	113472	18.81	ng/ul	0.00
70) Anthracene-d10	17.65	188	892463	20.47	ng/ul	0.00
76) Pyrene-d10	19.94	212	1054037	21.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1030540	19.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	17972	8.22	ng/uL#	65
4) Benzaldehyde	7.29	77	147418	21.15	ng/ul#	85
6) Phenol	7.33	94	218454	19.46	ng/ul#	62
8) Bis(2-Chloroethyl)ether	7.57	93	153639	20.01	ng/ul	92
10) 2-Chlorophenol	7.72	128	140929	18.93	ng/ul#	84
11) 2-Methylphenol	8.60	108	156092	18.51	ng/ul	86
12) 2,2'-oxybis(1-Chloropropan	8.69	45	169180	19.60	ng/ul#	94
14) Acetophenone	8.98	105	268233	19.51	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.96	70	160289	19.40	ng/ul#	83
16) 4-Methylphenol	8.93	108	176935	18.87	ng/ul	93
17) Hexachloroethane	9.25	117	61701	19.46	ng/ul#	63
20) Nitrobenzene	9.37	77	229377	20.55	ng/ul#	79
21) Isophorone	9.89	82	415284	20.86	ng/ul#	90
23) 2-Nitrophenol	10.09	139	92619	19.94	ng/ul#	55
24) 2,4-Dimethylphenol	10.14	107	218007	19.61	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.38	93	228085	19.42	ng/ul#	98
27) 2,4-Dichlorophenol	10.63	162	177668	19.31	ng/ul#	91
28) Naphthalene	11.03	128	464932	19.98	ng/ul	99
30) 4-Chloroaniline	11.14	127	176412	22.29	ng/ul	94
31) Hexachlorobutadiene	11.32	225	142815	20.15	ng/ul	94
33) 4-Chloro-3-methylphenol	12.26	107	237584	20.42	ng/ul#	82
34) 2-Methylnaphthalene	12.63	142	393422	20.43	ng/ul	92
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	281381	20.04	ng/ul#	97

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070116\
Data File : BG022788.D
Acq On : 2 Jul 2016 11:08
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 04 08:22:34 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 04 08:19:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Hexachlorocyclopentadiene	12.97	237	148009	17.45	ng/ul	95
38) 2,4,6-Trichlorophenol	13.23	196	188873	19.50	ng/ul	89
39) 2,4,5-Trichlorophenol	13.31	196	209209	20.52	ng/ul	99
40) 1,1'-Biphenyl	13.63	154	556460	19.48	ng/ul	94
41) 2-Chloronaphthalene	13.68	162	457516	19.78	ng/ul	97
42) 2-Nitroaniline	13.88	65	179015	20.01	ng/ul#	61
44) Dimethylphthalate	14.24	163	628501	20.17	ng/ul#	99
45) 2,6-Dinitrotoluene	14.37	165	137992	20.45	ng/ul#	79
47) Acenaphthylene	14.52	152	714987	20.30	ng/ul	99
48) 3-Nitroaniline	14.70	138	116243	22.05	ng/ul#	55
49) Acenaphthene	14.87	153	475728	19.88	ng/ul	95
50) 2,4-Dinitrophenol	14.91	184	66403	17.71	ng/ul#	74
52) 4-Nitrophenol	15.01	109	119004	19.53	ng/ul#	59
53) Dibenzofuran	15.20	168	751806	20.34	ng/ul#	88
54) 2,4-Dinitrotoluene	15.15	165	199880	20.49	ng/ul#	72
55) 2,3,4,6-Tetrachlorophenol	15.42	232	212081	20.44	ng/ul	93
56) Diethylphthalate	15.60	149	658984	20.81	ng/ul	96
58) Fluorene	15.85	166	610939	20.57	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.83	204	346880	19.50	ng/ul	97
60) 4-Nitroaniline	15.86	138	135141	21.34	ng/ul#	43
63) 4,6-Dinitro-2-methylphenol	15.92	198	119522	18.69	ng/ul#	87
64) N-Nitrosodiphenylamine	16.05	169	561676	20.33	ng/ul	95
65) 4-Bromophenyl-phenylether	16.73	248	252993	20.16	ng/ul	96
66) Hexachlorobenzene	16.85	284	271725	20.45	ng/ul	93
67) Atrazine	16.99	200	246042	21.36	ng/ul	96
68) Pentachlorophenol	17.20	266	155096	20.31	ng/ul	90
69) Phenanthrene	17.60	178	992704	20.69	ng/ul	97
71) Anthracene	17.69	178	1037299	21.04	ng/ul	98
72) Carbazole	17.96	167	818618	22.43	ng/ul	98
73) Di-n-butylphthalate	18.50	149	998978	21.33	ng/ul#	96
74) Fluoranthene	19.60	202	1210201	24.21	ng/ul#	85
77) Pyrene	19.97	202	1224858	21.00	ng/ul#	82
78) Butylbenzylphthalate	20.83	149	479815	21.21	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.74	252	476232	24.14	ng/ul#	94
80) Benzo(a)anthracene	21.83	228	1300468	21.28	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.72	149	667985	22.88	ng/ul#	97
82) Chrysene	21.90	228	1151199	20.69	ng/ul	96
84) Di-n-octyl phthalate	22.98	149	1120326	23.40	ng/ul	100
90) Dibenzo(a,h)anthracene	29.15	278	1204516	21.36	ng/ul#	86
91) Benzo(g,h,i)perylene	30.29	276	1196659	22.38	ng/ul#	80

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

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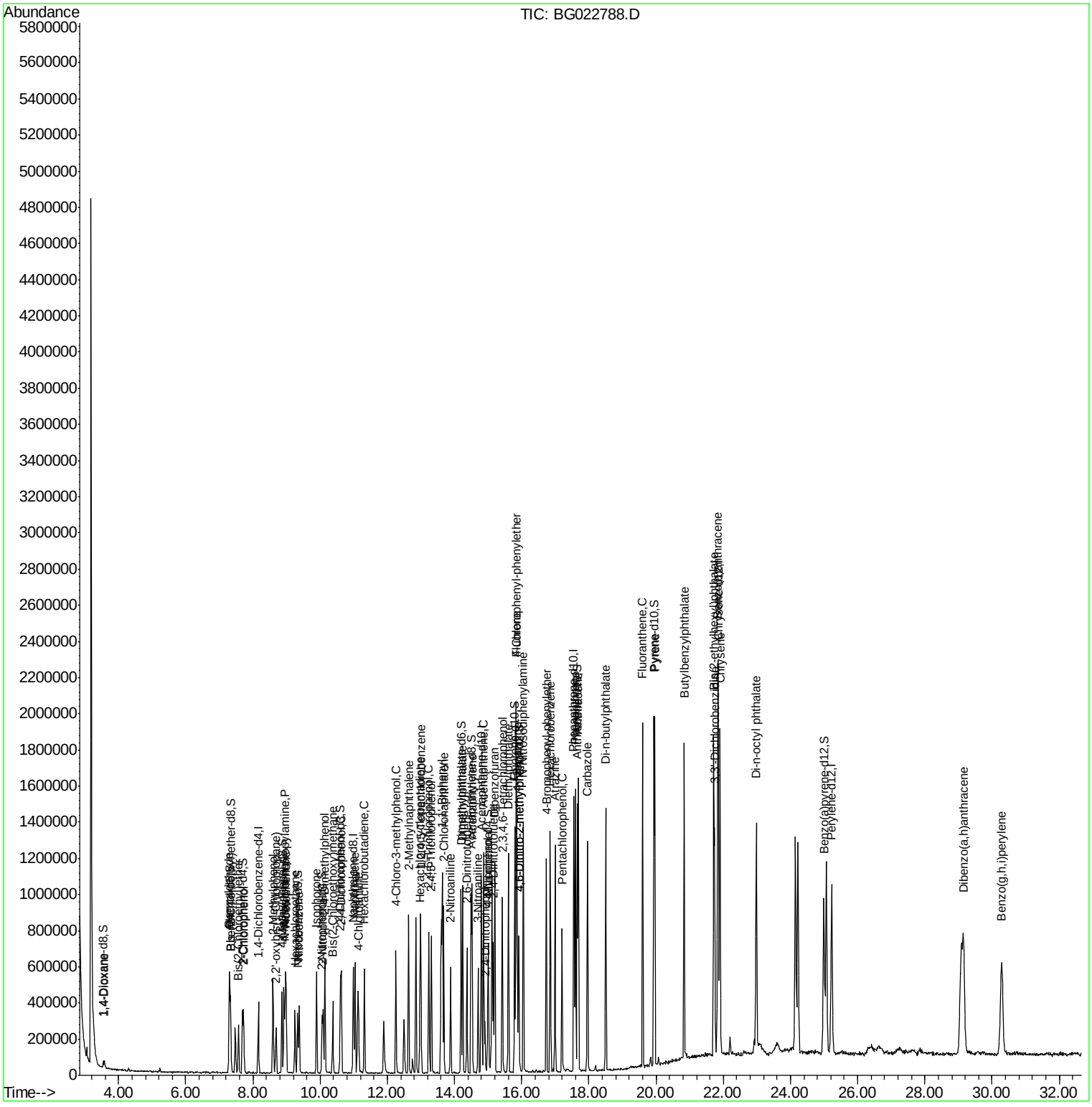
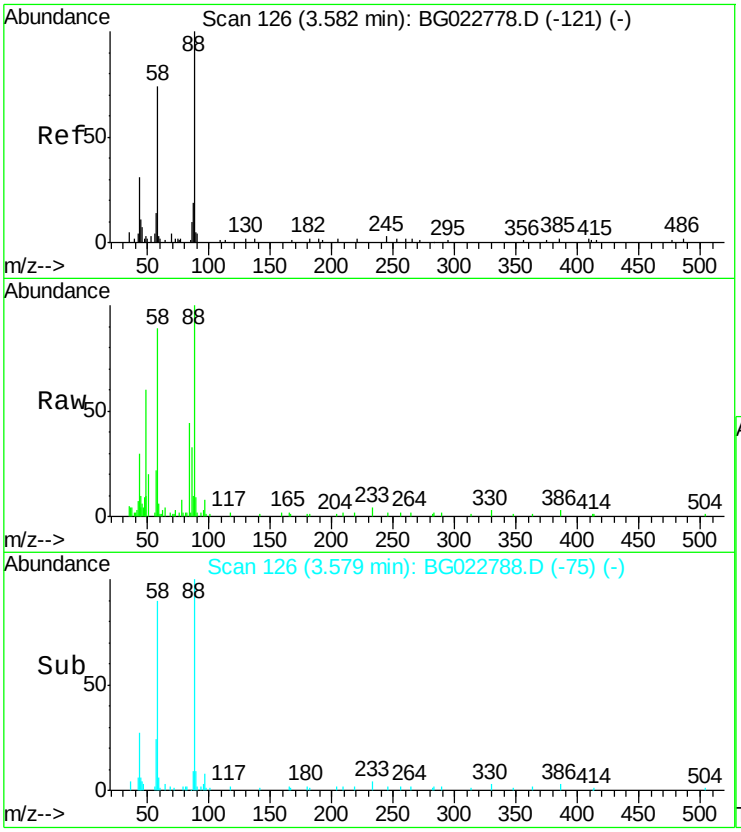
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070116\
Data File : BG022788.D
Acq On : 2 Jul 2016 11:08
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 04 08:22:34 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 04 08:19:32 2016
Response via : Initial Calibration



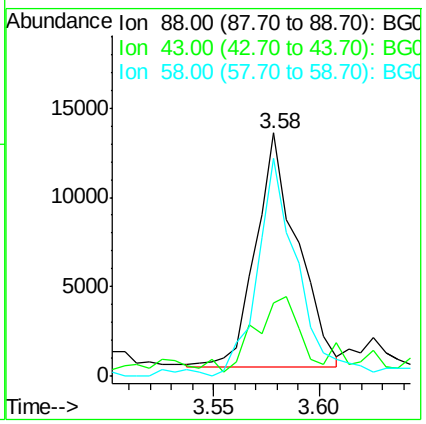


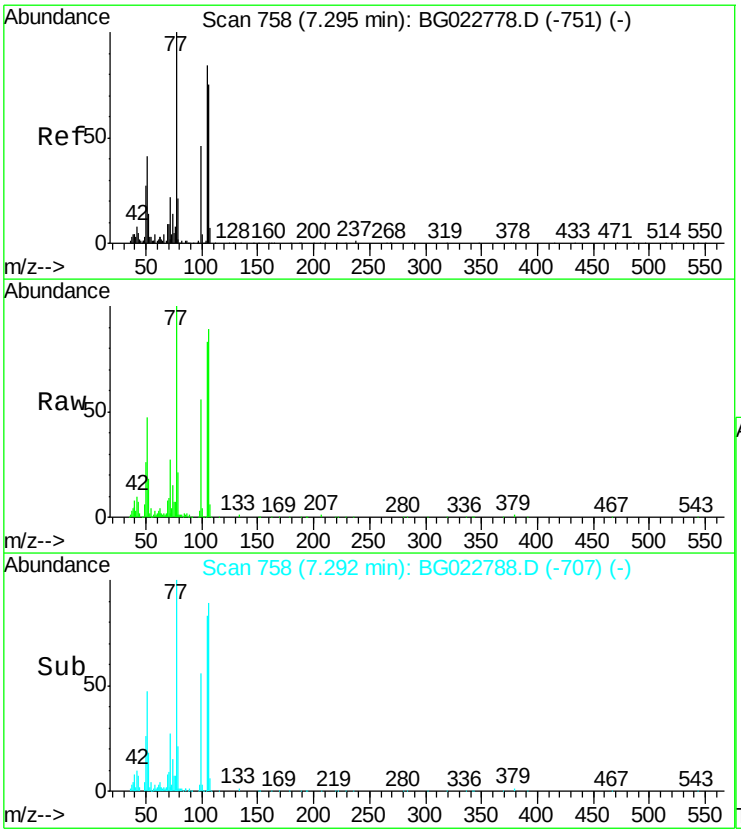
#2
1,4-Dioxane
Concen: 8.22 ng/uL
RT: 3.58 min Scan# 126
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 88 Resp: 17972

Ion	Ratio	Lower	Upper
88	100		
43	30.4	16.6	24.8#
58	89.4	47.2	70.8#

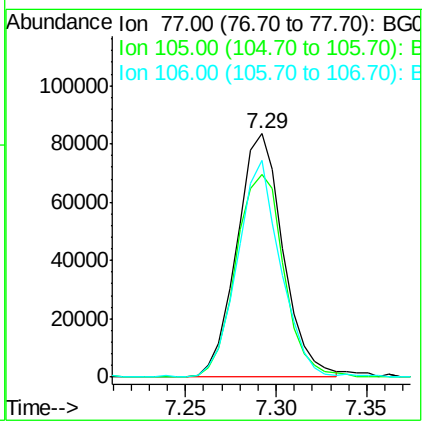


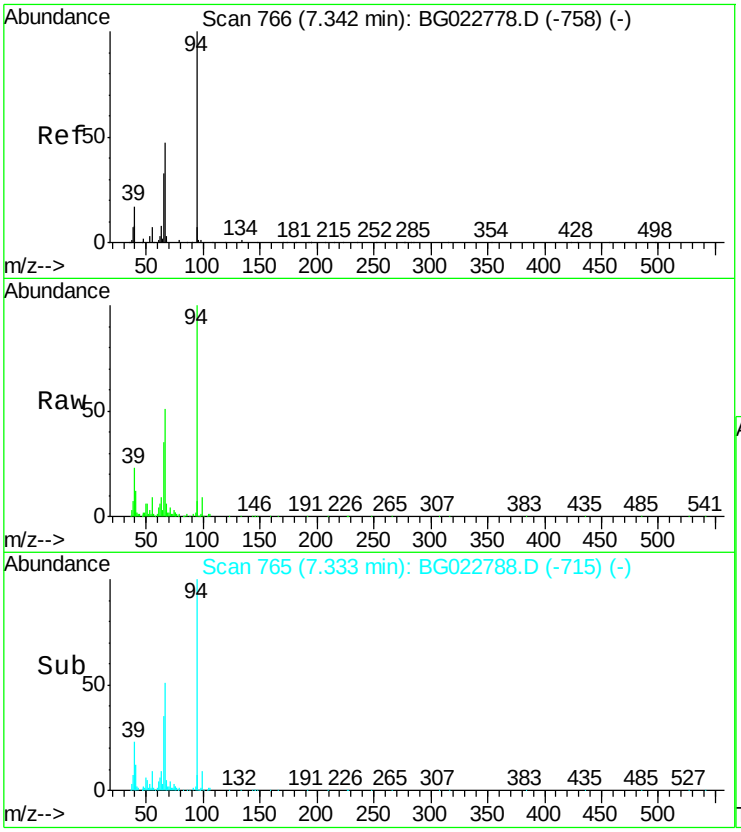


#4
Benzaldehyde
Concen: 21.15 ng/ul
RT: 7.29 min Scan# 758
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion: 77 Resp: 147418

Ion	Ratio	Lower	Upper
77	100		
105	83.3	83.8	125.8#
106	89.1	77.9	116.9



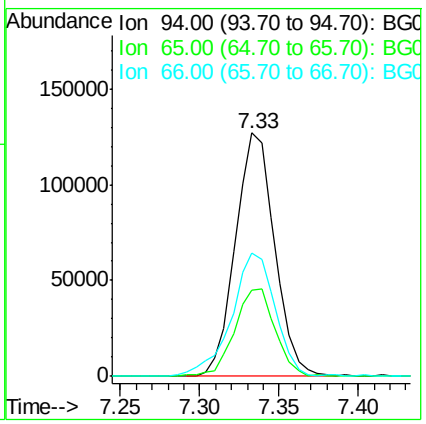


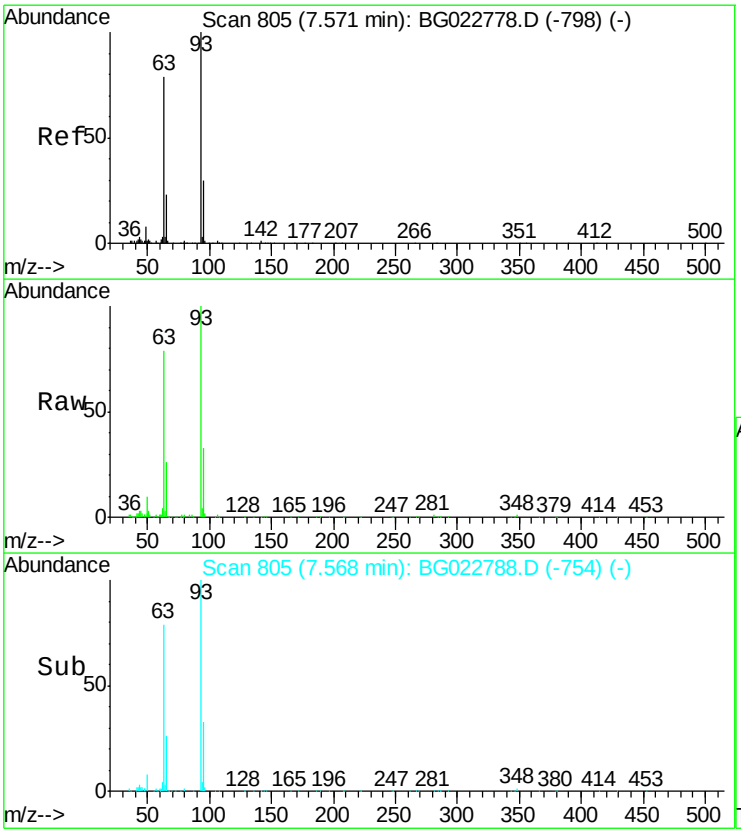
#6
Phenol
Concen: 19.46 ng/ul
RT: 7.33 min Scan# 765
Delta R.T. -0.01 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 218454

Ion	Ratio	Lower	Upper
94	100		
65	35.4	16.8	25.2#
66	50.7	22.6	33.8#

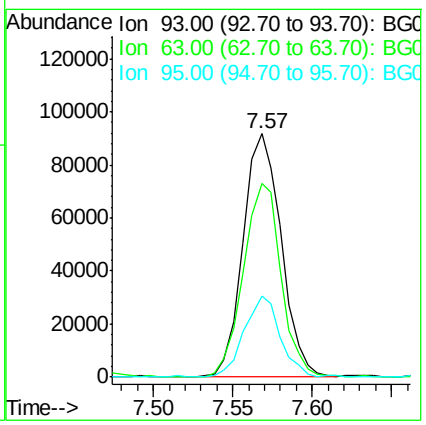


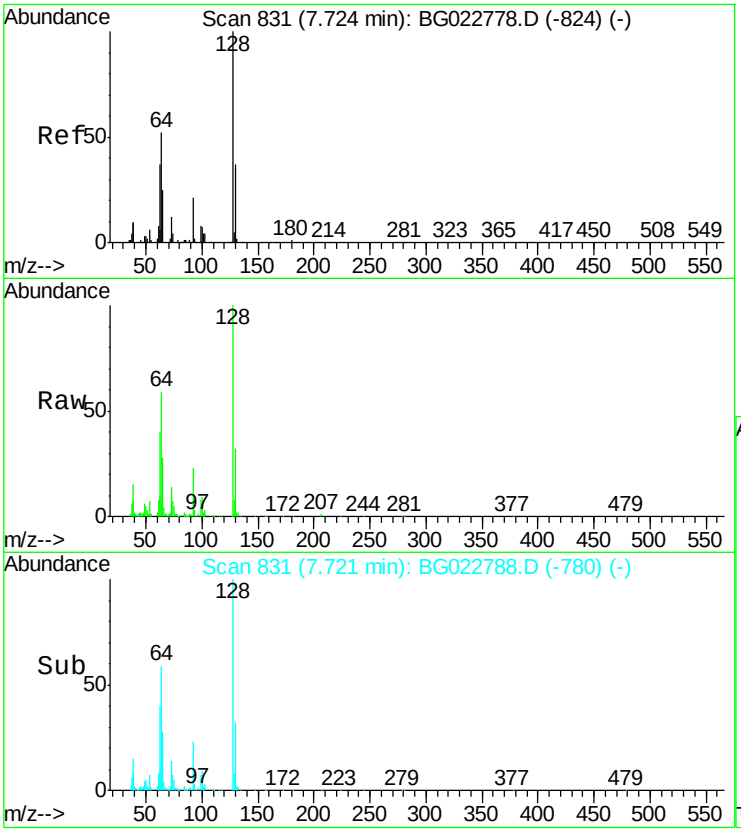


#8
Bis(2-Chloroethyl)ether
Concen: 20.01 ng/ul
RT: 7.57 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion: 93 Resp: 153639

Ion	Ratio	Lower	Upper
93	100		
63	79.3	56.0	84.0
95	33.1	27.7	41.5



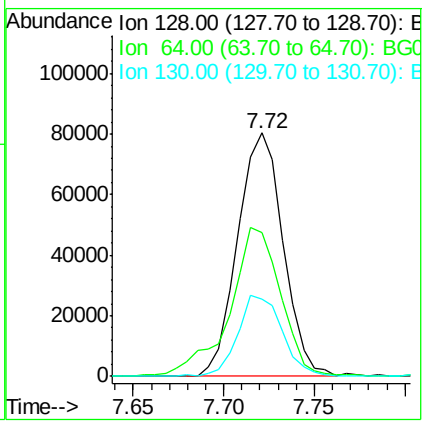


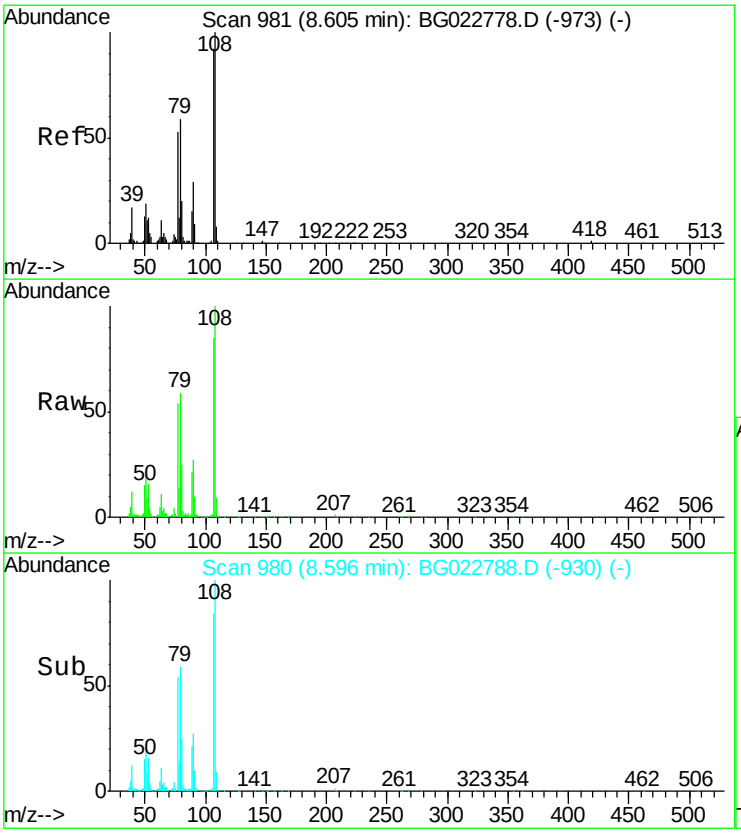
#10
2-Chlorophenol
Concen: 18.93 ng/ul
RT: 7.72 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 140929

Ion	Ratio	Lower	Upper
128	100		
64	59.2	34.2	51.4#
130	31.7	27.0	40.4

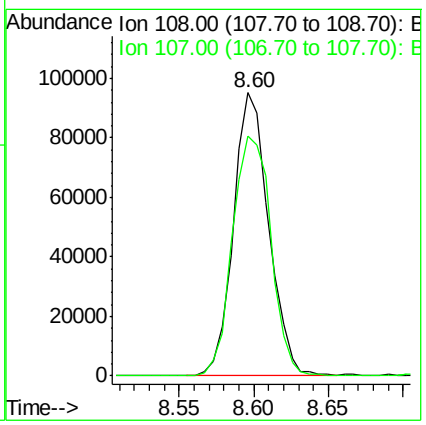


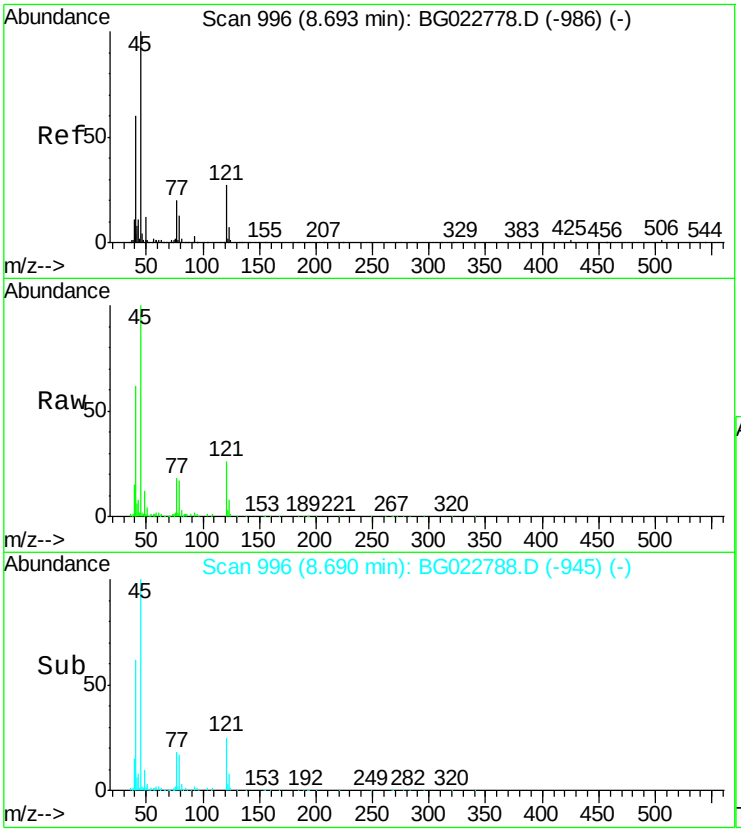


#11
2-Methylphenol
Concen: 18.51 ng/ul
RT: 8.60 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:108 Resp: 156092

Ion	Ratio	Lower	Upper
108	100		
107	84.7	78.6	117.8



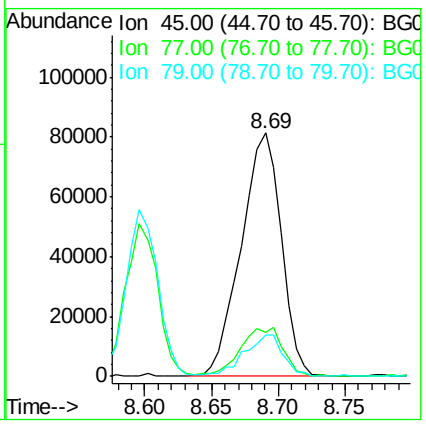


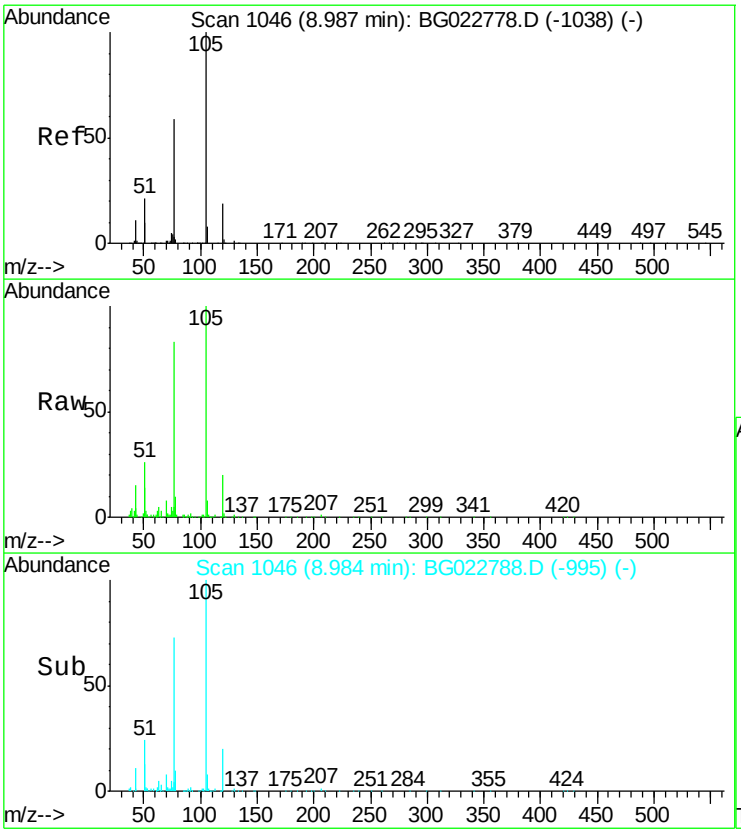
#12
2,2'-oxybis(1-Chloropropane)
Concen: 19.60 ng/ul
RT: 8.69 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 45 Resp: 169180

Ion	Ratio	Lower	Upper
45	100		
77	18.1	13.4	20.2
79	16.9	10.2	15.4#

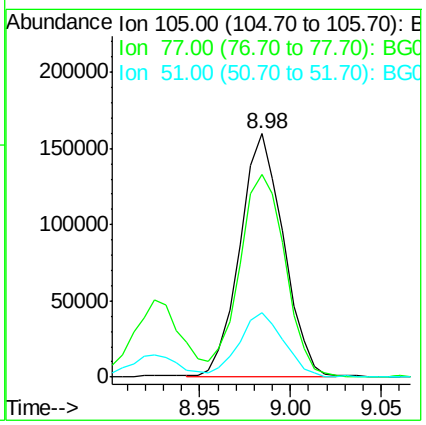


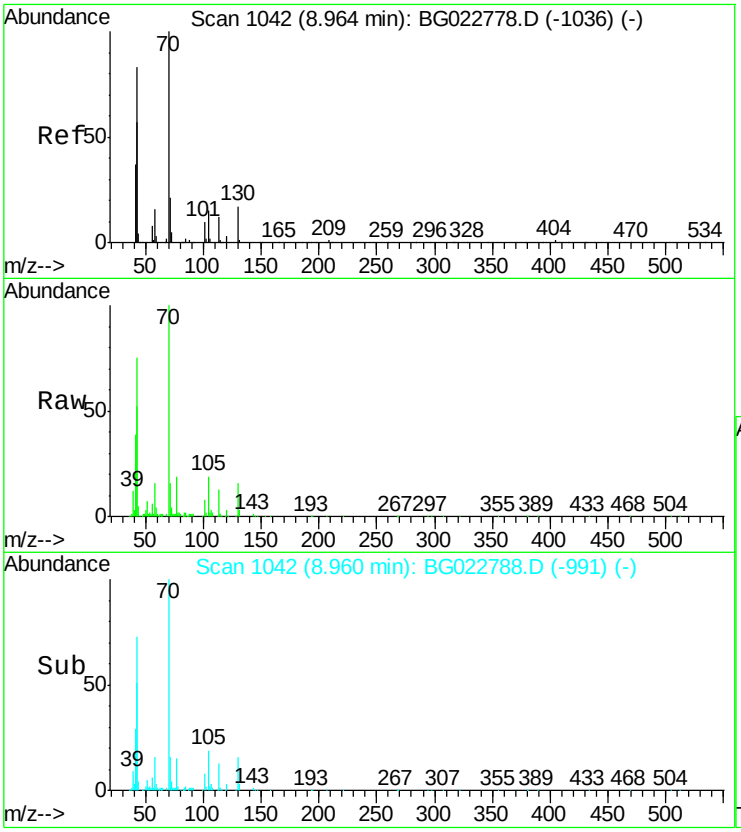


#14
Acetophenone
Concen: 19.51 ng/ul
RT: 8.98 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:105 Resp: 268233

Ion	Ratio	Lower	Upper
105	100		
77	83.4	56.1	84.1
51	26.4	14.6	22.0#



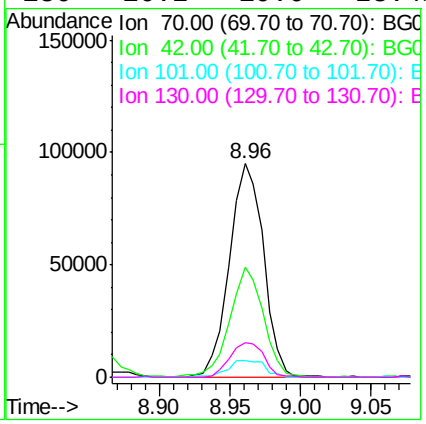


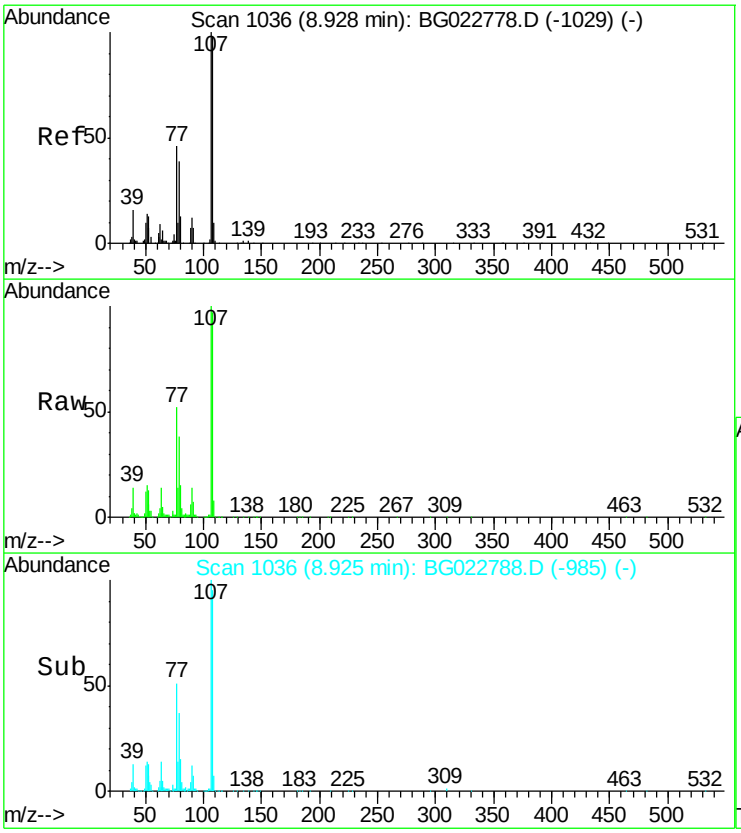
#15
N-Nitroso-di-n-propylamine
Concen: 19.40 ng/ul
RT: 8.96 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 160289

Ion	Ratio	Lower	Upper
70	100		
42	51.8	31.4	47.2#
101	7.8	8.6	13.0#
130	16.2	19.0	28.4#

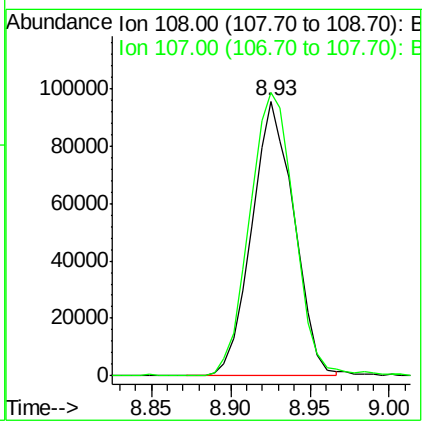


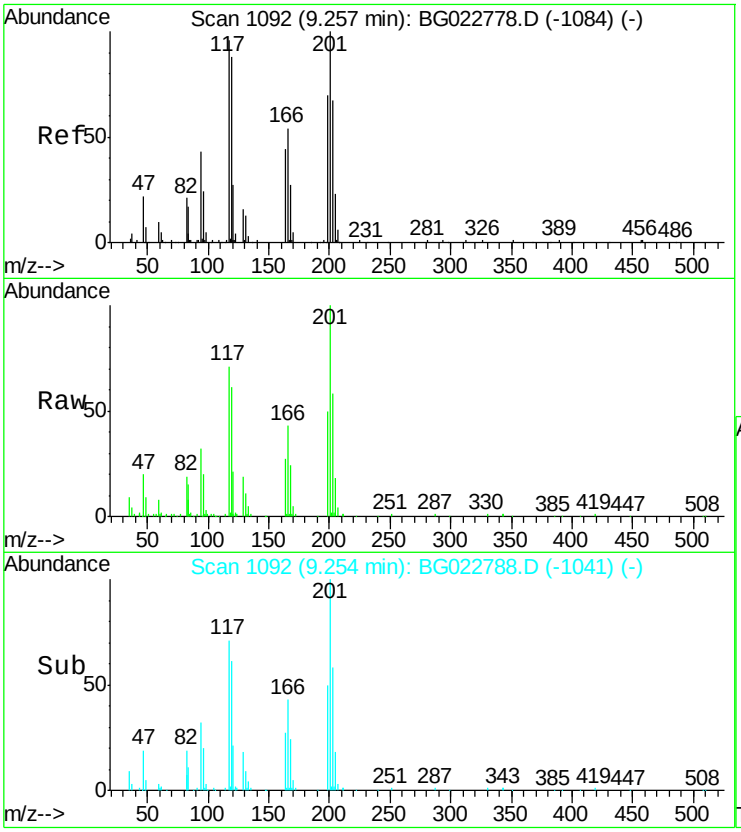


#16
4-Methylphenol
Concen: 18.87 ng/ul
RT: 8.93 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:108 Resp: 176935

Ion	Ratio	Lower	Upper
108	100		
107	103.1	88.3	132.5



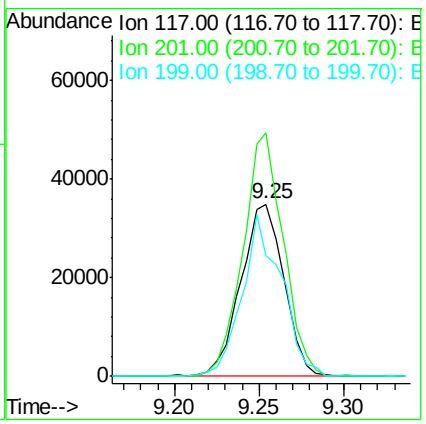


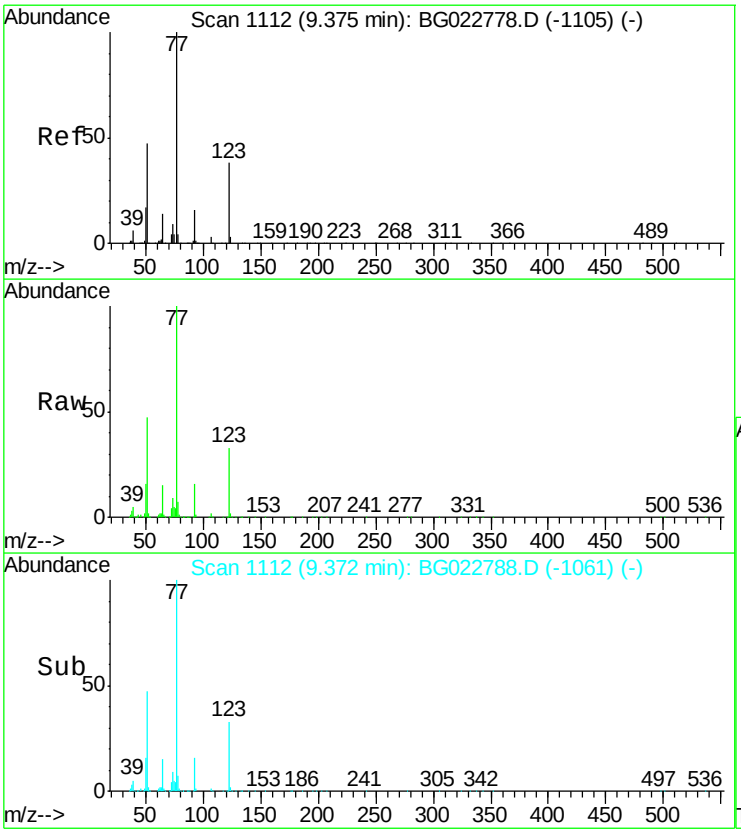
#17
Hexachloroethane
Concen: 19.46 ng/ul
RT: 9.25 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:117 Resp: 61701

Ion	Ratio	Lower	Upper
117	100		
201	141.2	76.8	115.2#
199	70.2	43.5	65.3#

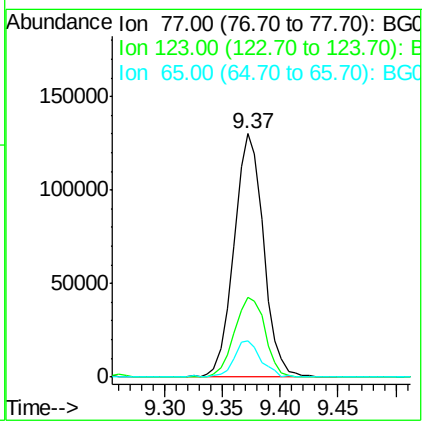


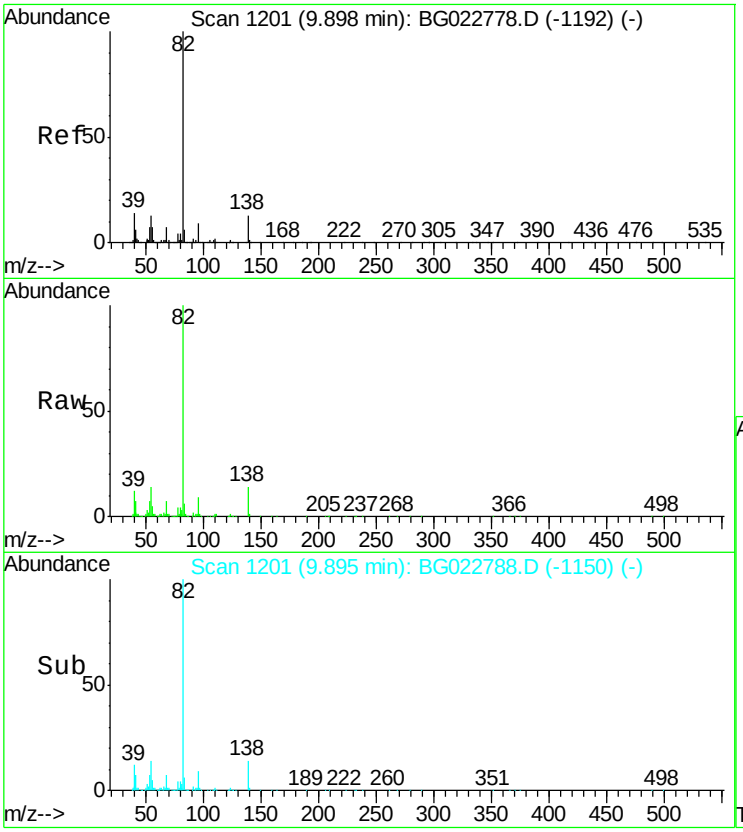


#20
Nitrobenzene
Concen: 20.55 ng/ul
RT: 9.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion: 77 Resp: 229377

Ion	Ratio	Lower	Upper
77	100		
123	33.0	39.5	59.3#
65	15.1	9.0	13.4#



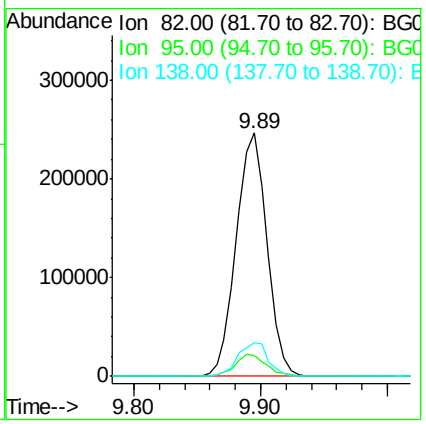


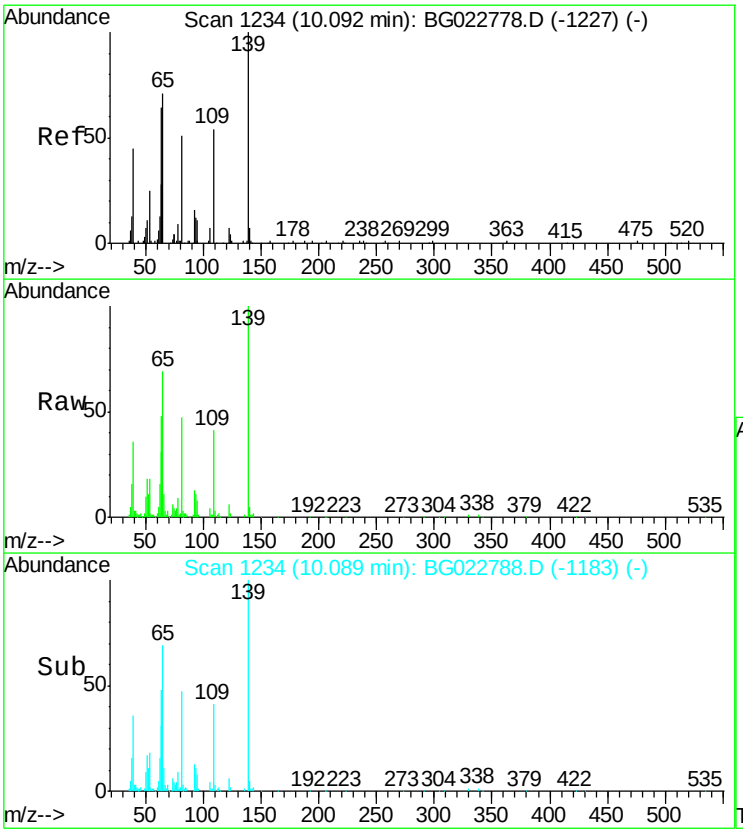
#21
Isophorone
Concen: 20.86 ng/ul
RT: 9.89 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 415284

Ion	Ratio	Lower	Upper
82	100		
95	8.8	5.1	7.7#
138	14.1	15.0	22.6#

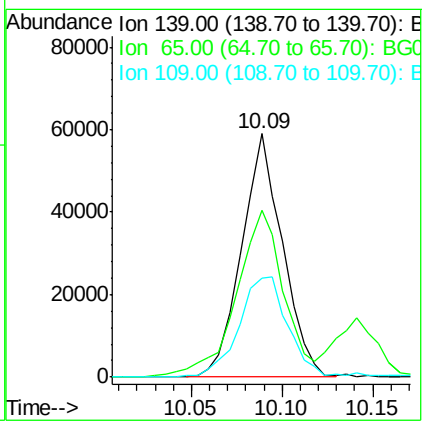


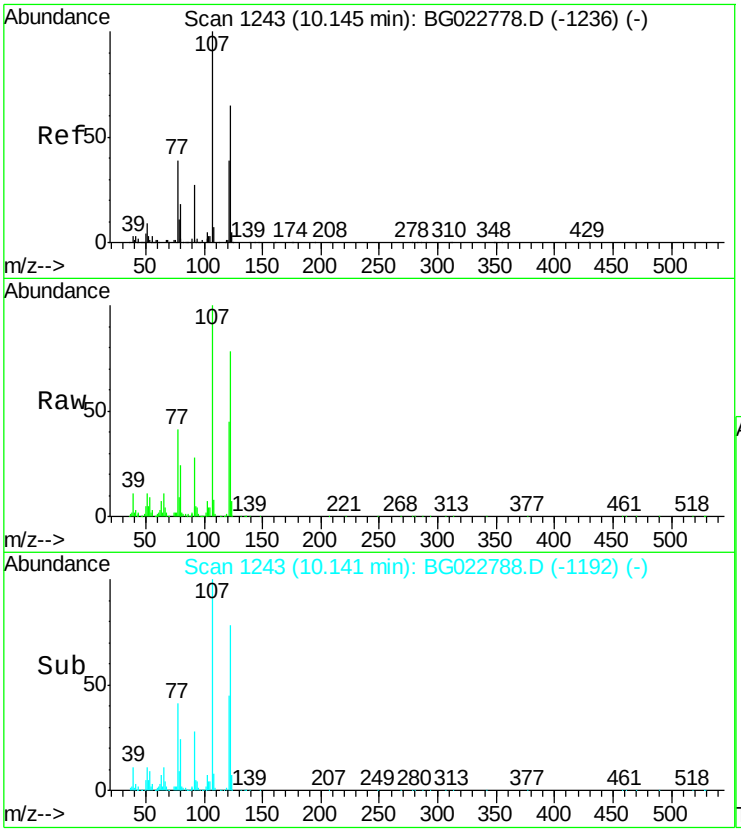


#23
2-Nitrophenol
Concen: 19.94 ng/ul
RT: 10.09 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:139 Resp: 92619

Ion	Ratio	Lower	Upper
139	100		
65	68.8	31.8	47.8#
109	40.6	17.1	25.7#



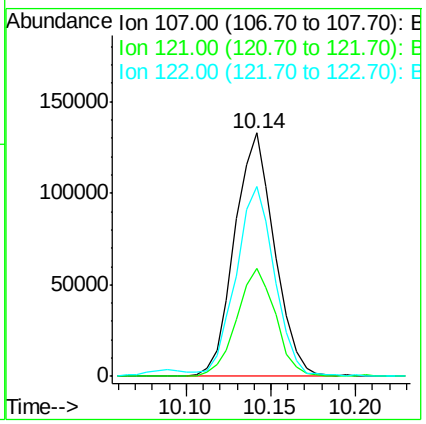


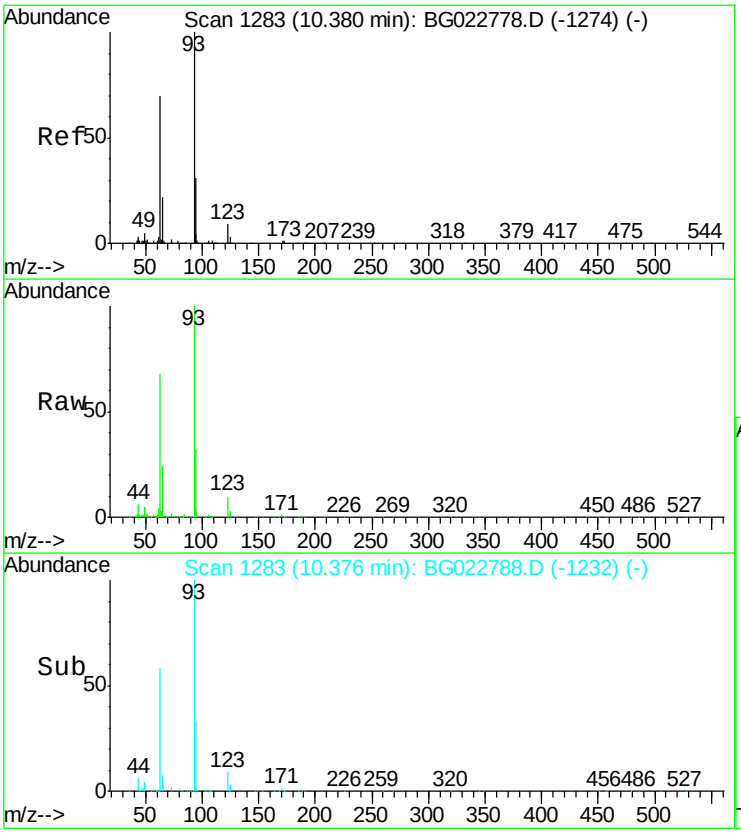
#24
2,4-Dimethylphenol
Concen: 19.61 ng/ul
RT: 10.14 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 218007

Ion	Ratio	Lower	Upper
107	100		
121	44.5	43.7	65.5
122	77.8	70.3	105.5

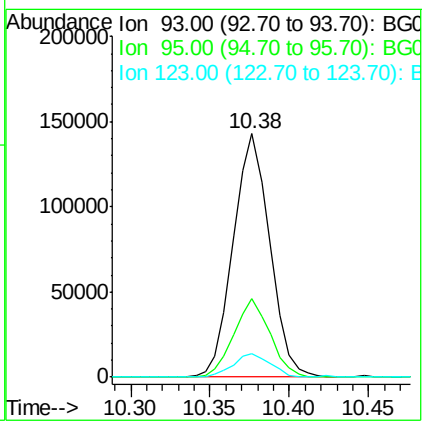


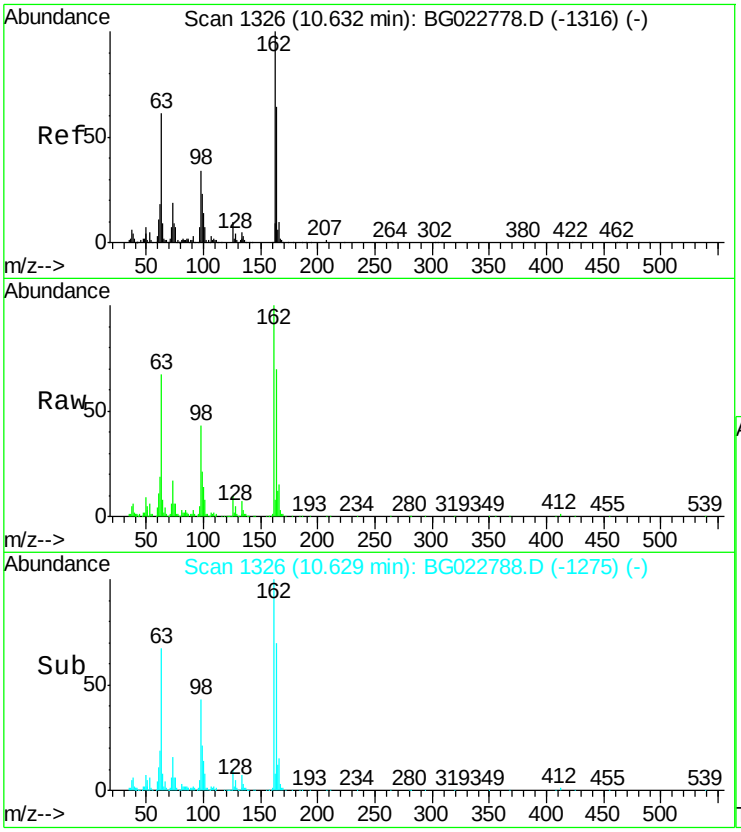


#25
Bis(2-Chloroethoxy)methane
Concen: 19.42 ng/ul
RT: 10.38 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion: 93 Resp: 228085

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	9.8	10.1	15.1#



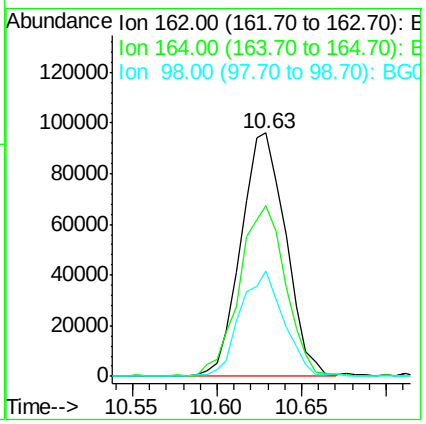


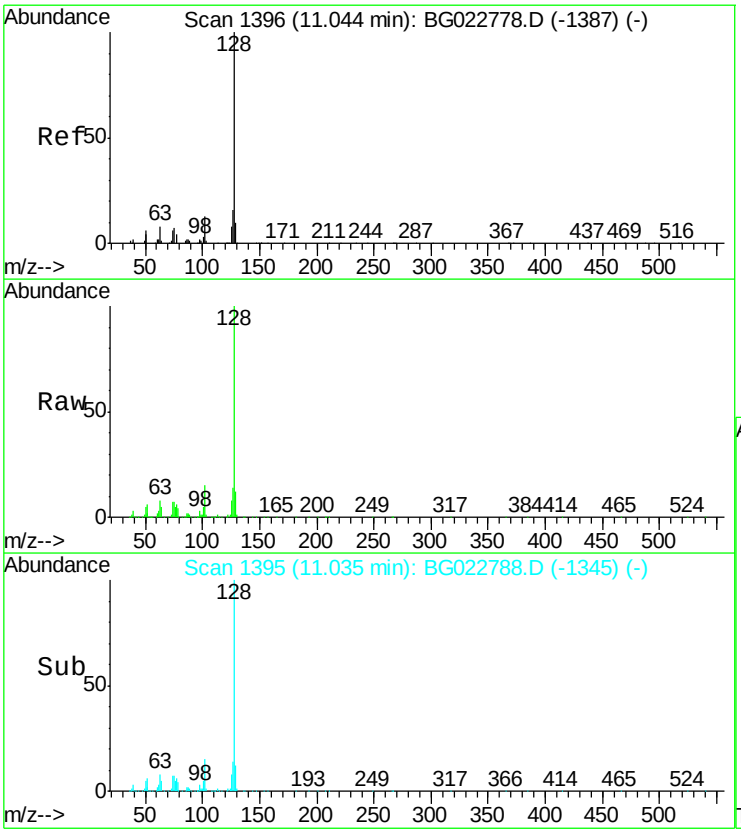
#27
2,4-Dichlorophenol
Concen: 19.31 ng/ul
RT: 10.63 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:162 Resp: 177668

Ion	Ratio	Lower	Upper
162	100		
164	69.8	51.6	77.4
98	43.3	28.3	42.5#

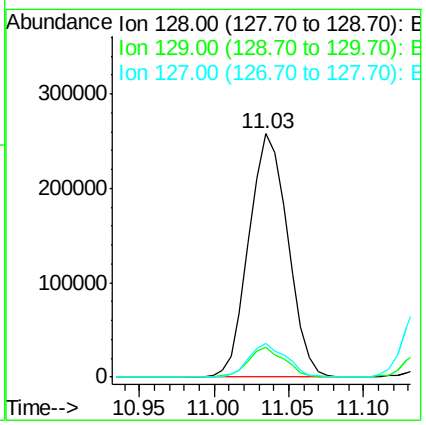


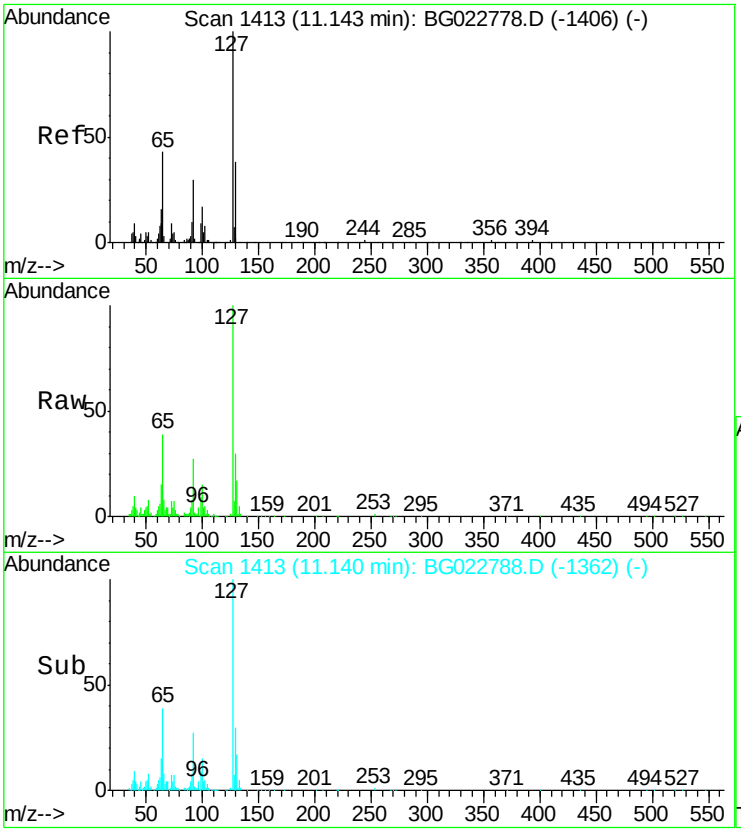


#28
Naphthalene
Concen: 19.98 ng/ul
RT: 11.03 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:128 Resp: 464932

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.2
127	13.8	11.2	16.8



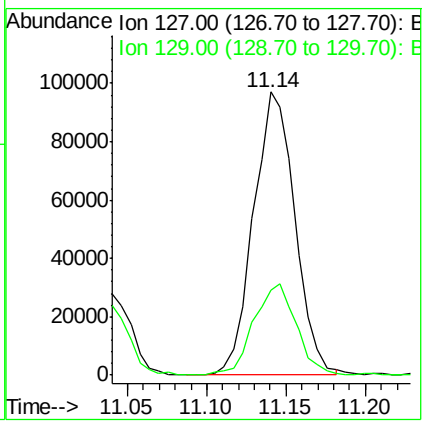


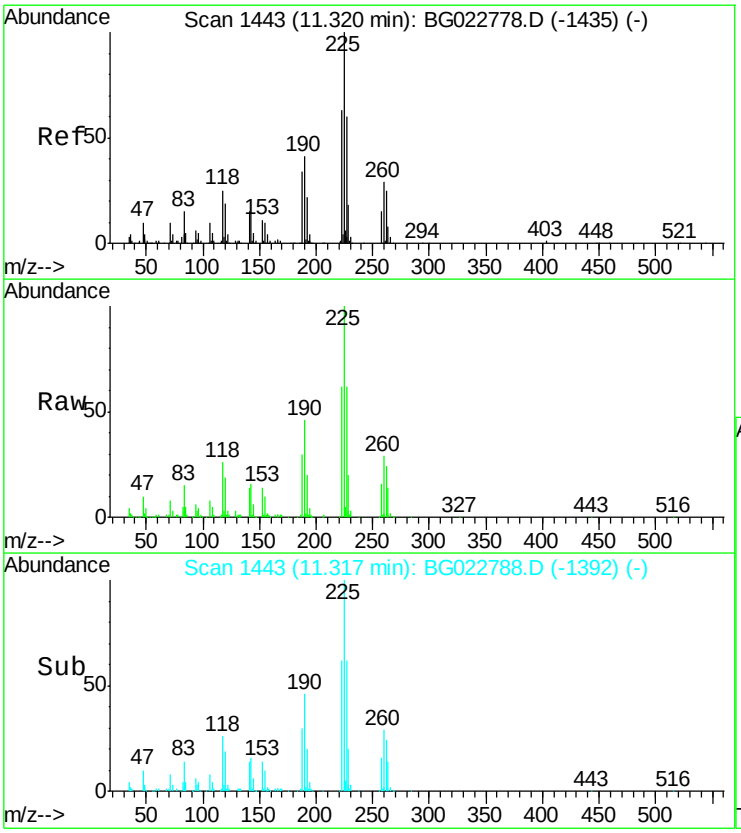
#30
4-Chloroaniline
Concen: 22.29 ng/ul
RT: 11.14 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 176412

Ion	Ratio	Lower	Upper
127	100		
129	30.1	26.9	40.3

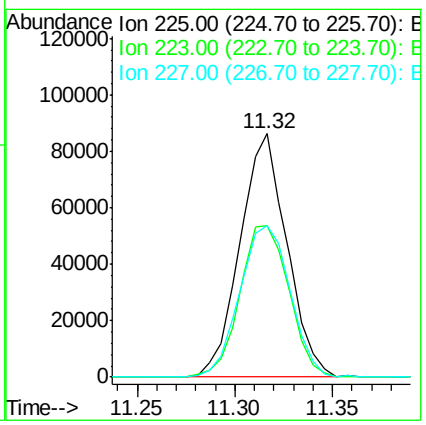


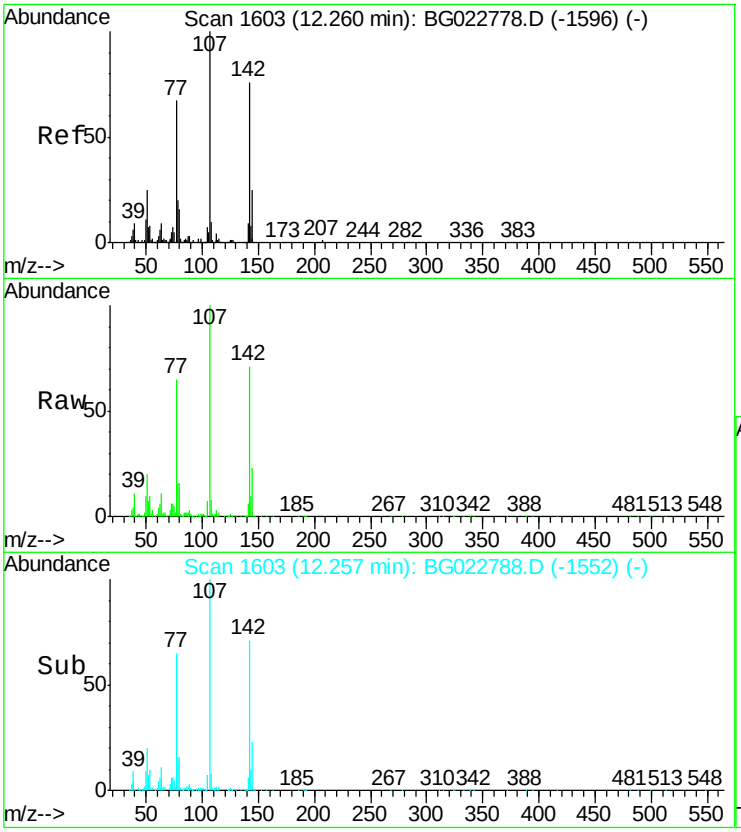


#31
Hexachlorobutadiene
Concen: 20.15 ng/ul
RT: 11.32 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:225 Resp: 142815

Ion	Ratio	Lower	Upper
225	100		
223	62.4	54.7	82.1
227	62.3	52.2	78.4



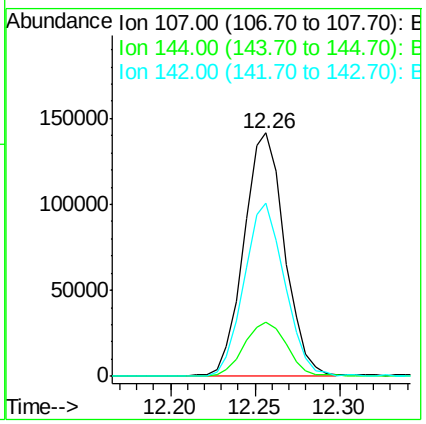


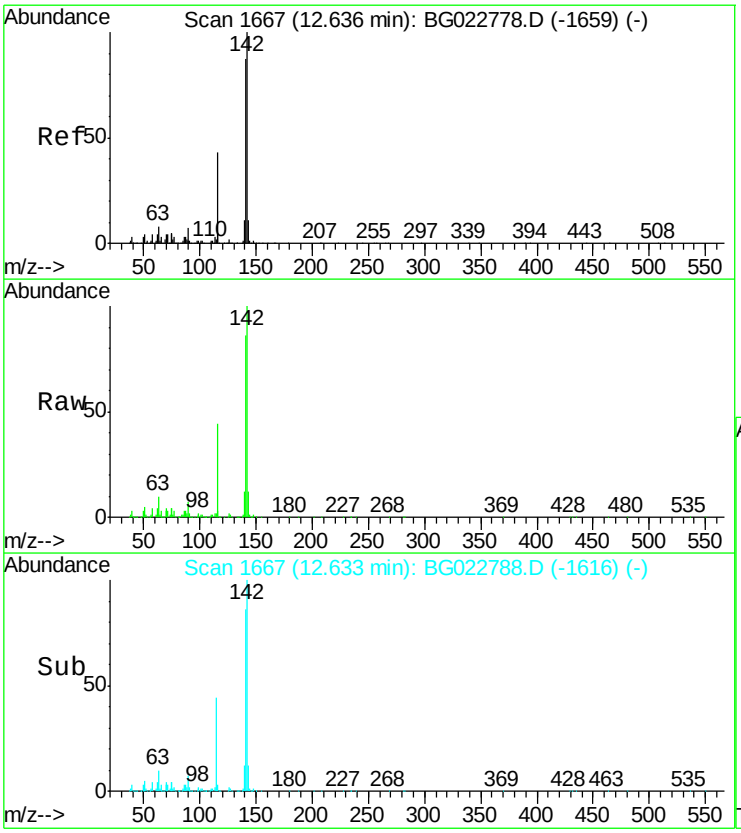
#33
4-Chloro-3-methylphenol
Concen: 20.42 ng/ul
RT: 12.26 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 237584

Ion	Ratio	Lower	Upper
107	100		
144	22.5	22.7	34.1#
142	71.1	71.6	107.4#

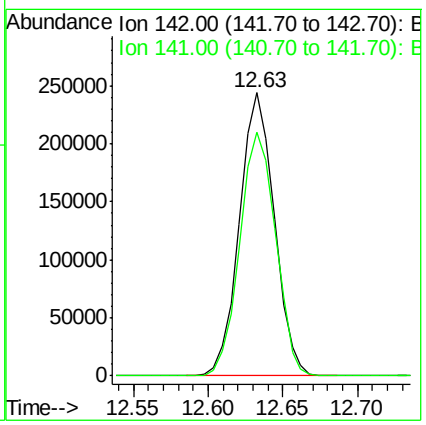


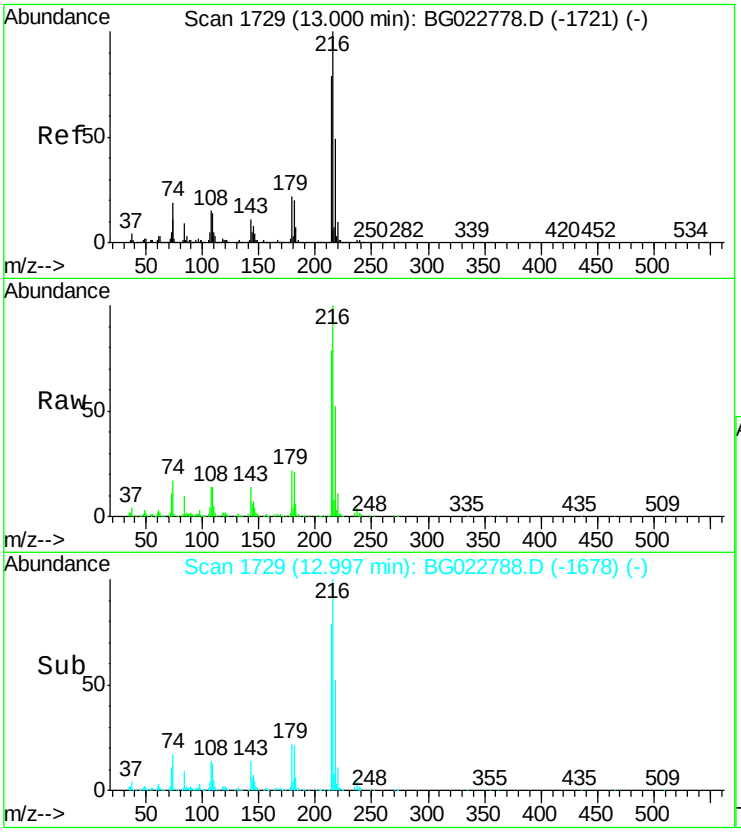


#34
2-Methylnaphthalene
Concen: 20.43 ng/ul
RT: 12.63 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:142 Resp: 393422

Ion	Ratio	Lower	Upper
142	100		
141	85.9	75.2	112.8



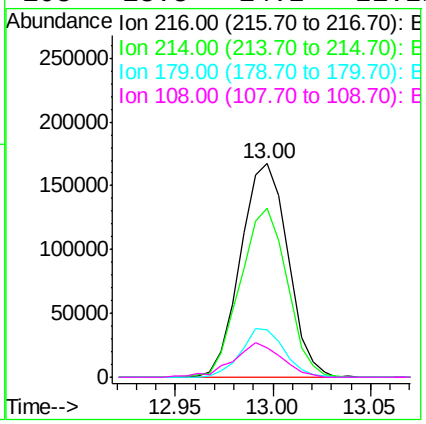


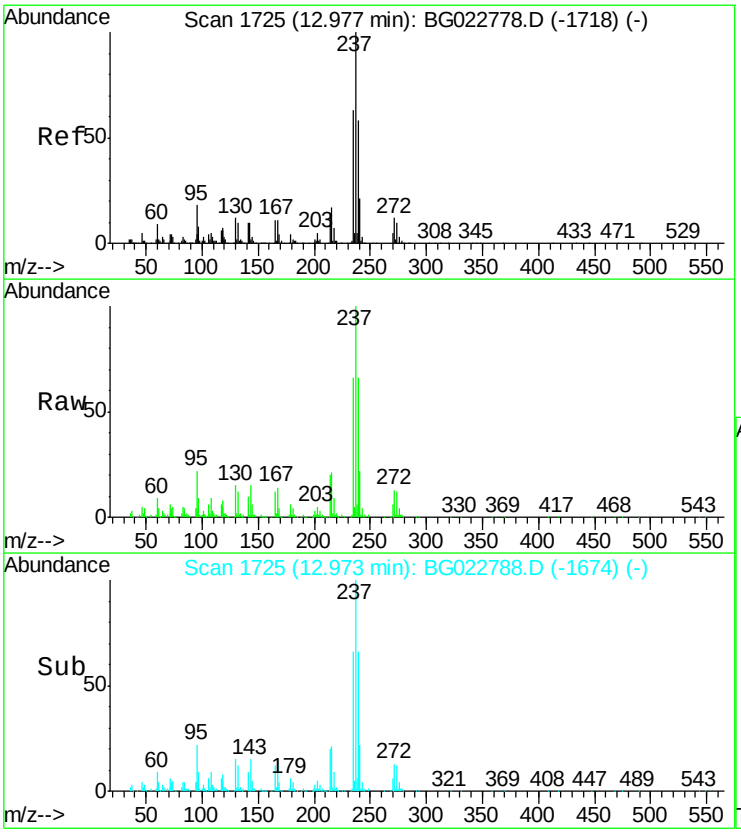
#36
1,2,4,5-Tetrachlorobenzene
Concen: 20.04 ng/ul
RT: 13.00 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:216 Resp: 281381

Ion	Ratio	Lower	Upper
216	100		
214	78.9	61.7	92.5
179	22.1	17.0	25.4
108	13.8	14.2	21.2#

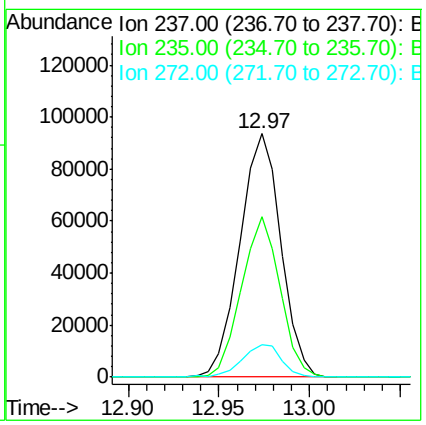


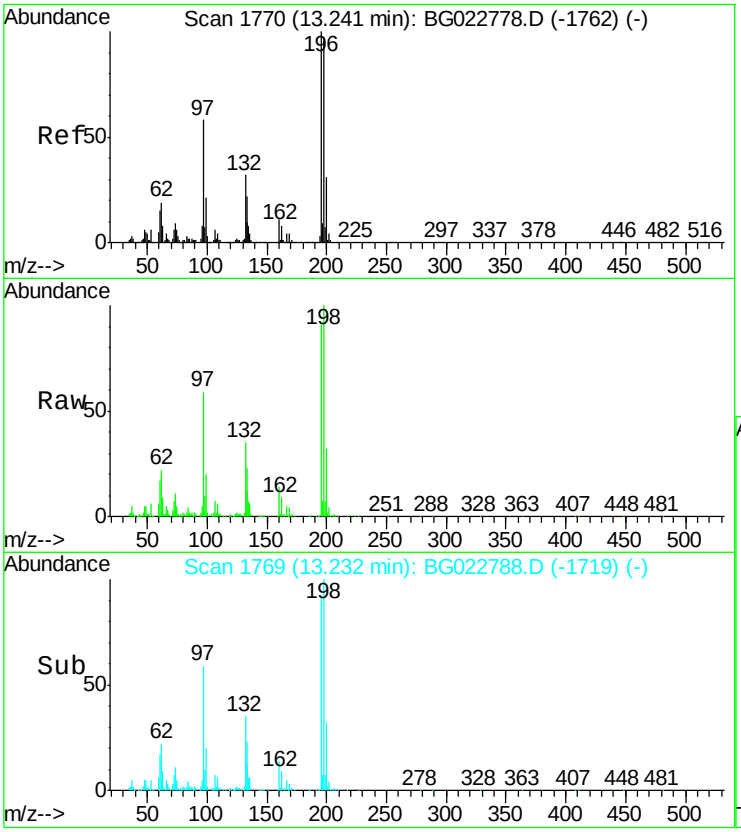


#37
Hexachlorocyclopentadiene
Concen: 17.45 ng/ul
RT: 12.97 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:237 Resp: 148009

Ion	Ratio	Lower	Upper
237	100		
235	65.7	49.6	74.4
272	13.1	9.3	13.9



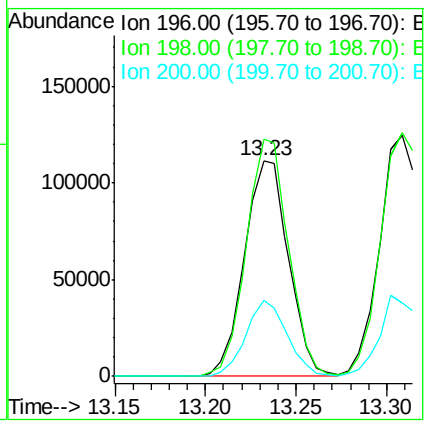


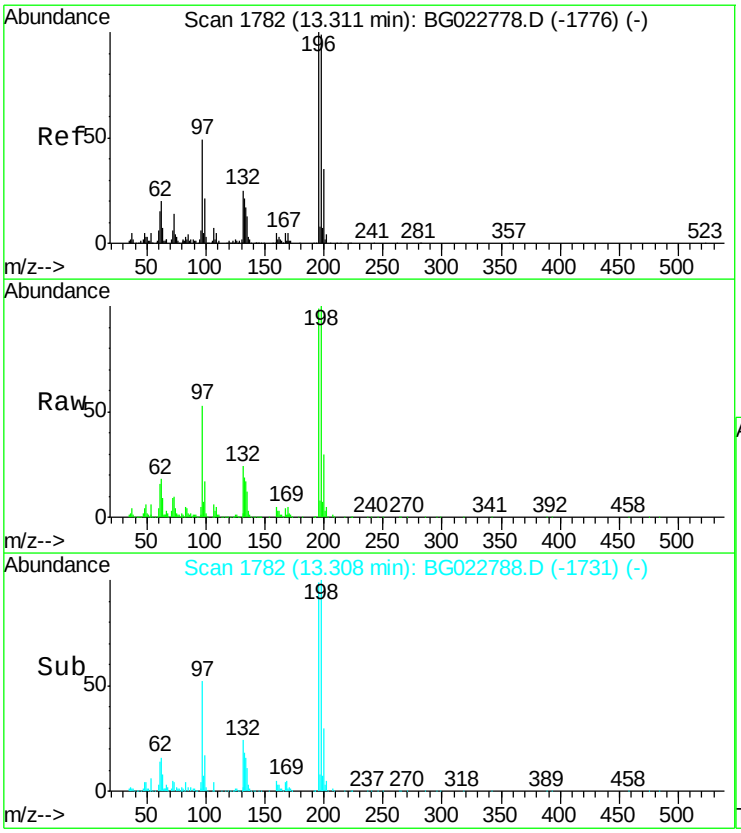
#38
2,4,6-Trichlorophenol
Concen: 19.50 ng/ul
RT: 13.23 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:196 Resp: 188873

Ion	Ratio	Lower	Upper
196	100		
198	110.2	77.4	116.0
200	35.0	26.6	39.8

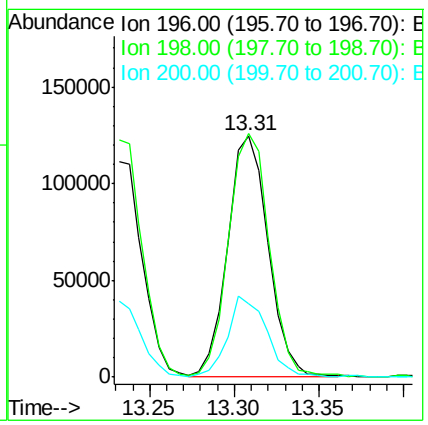


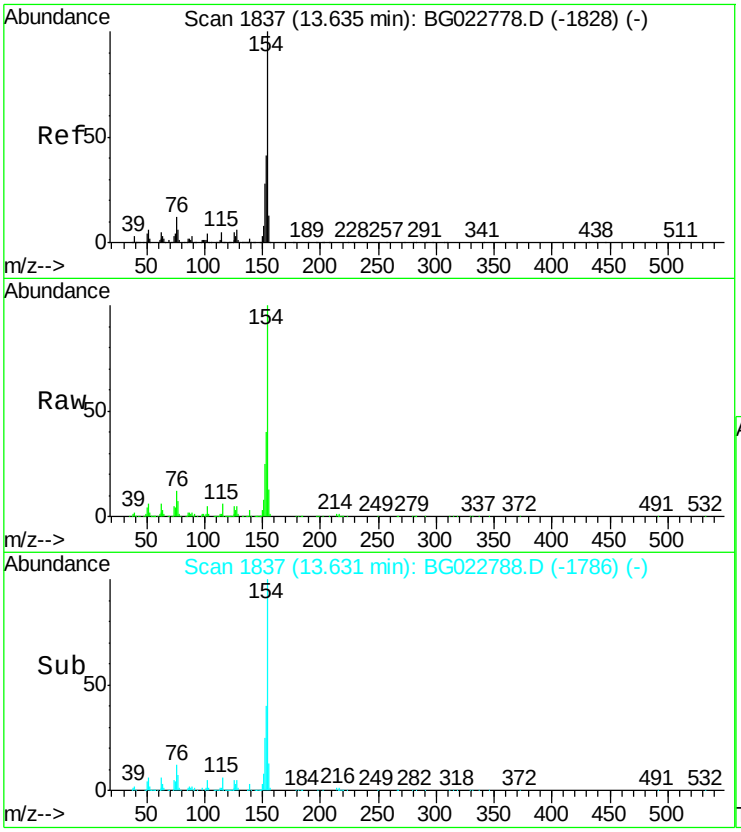


#39
2,4,5-Trichlorophenol
Concen: 20.52 ng/ul
RT: 13.31 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:196 Resp: 209209

Ion	Ratio	Lower	Upper
196	100		
198	100.9	79.8	119.8
200	30.4	24.0	36.0



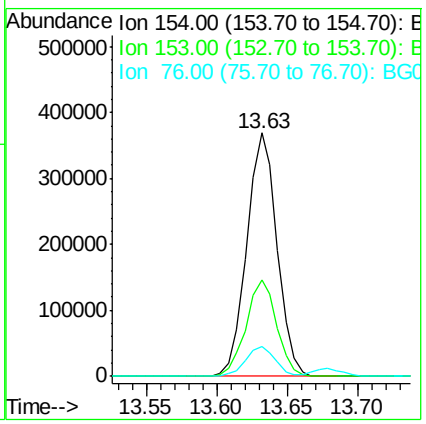


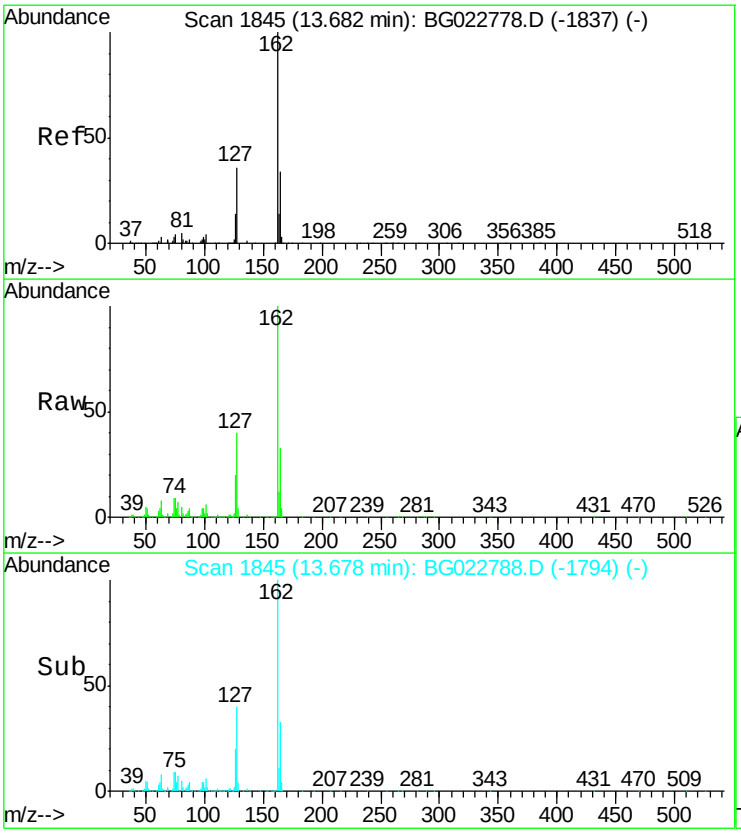
#40
1,1'-Biphenyl
Concen: 19.48 ng/ul
RT: 13.63 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 556460

Ion	Ratio	Lower	Upper
154	100		
153	39.8	34.6	52.0
76	12.3	11.9	17.9

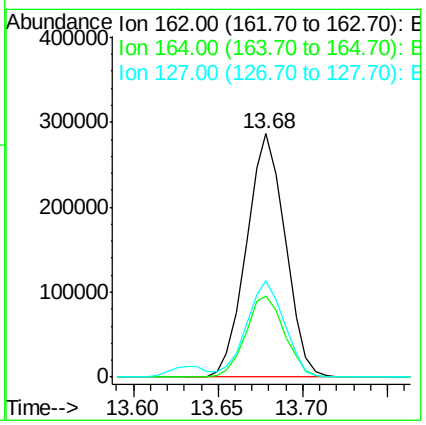


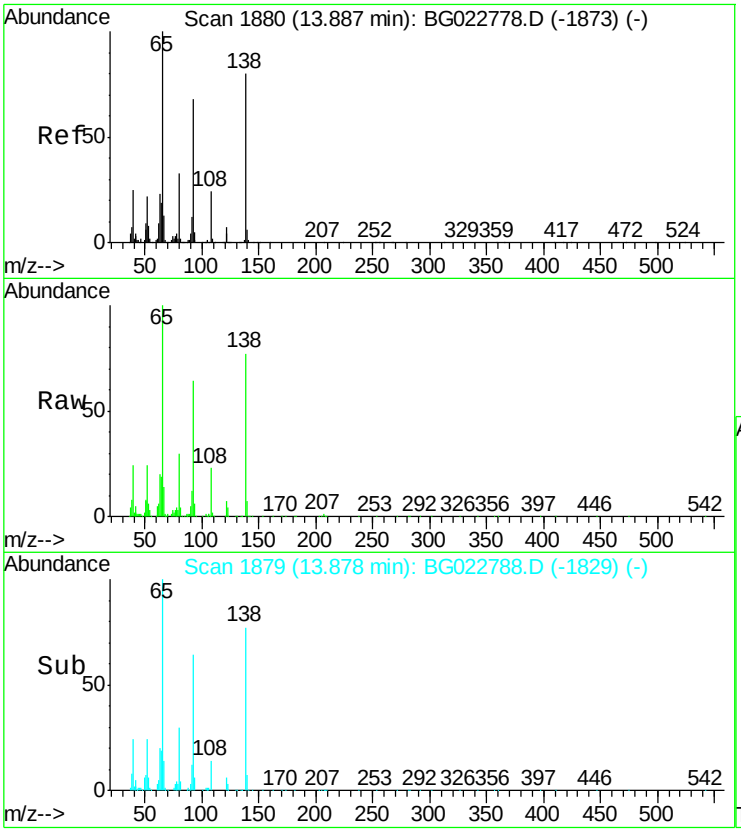


#41
2-Chloronaphthalene
Concen: 19.78 ng/ul
RT: 13.68 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:162 Resp: 457516

Ion	Ratio	Lower	Upper
162	100		
164	33.1	25.4	38.2
127	39.5	30.2	45.4



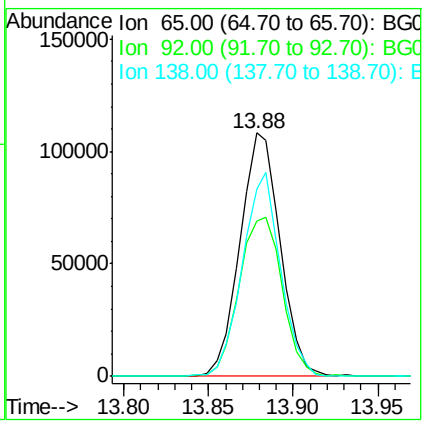


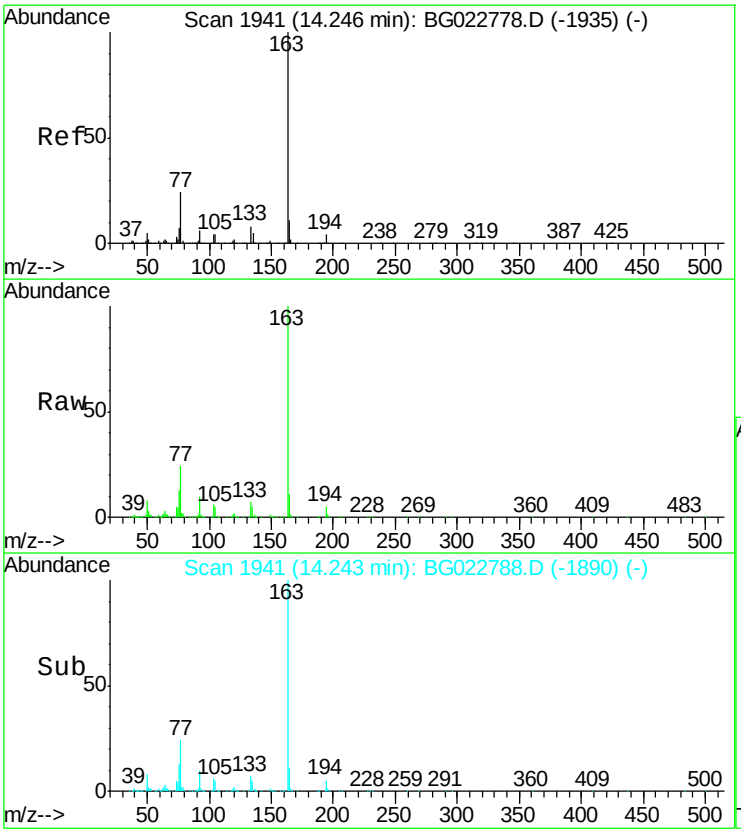
#42
2-Nitroaniline
Concen: 20.01 ng/ul
RT: 13.88 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 179015

Ion	Ratio	Lower	Upper
65	100		
92	63.6	67.1	100.7#
138	77.1	109.6	164.4#

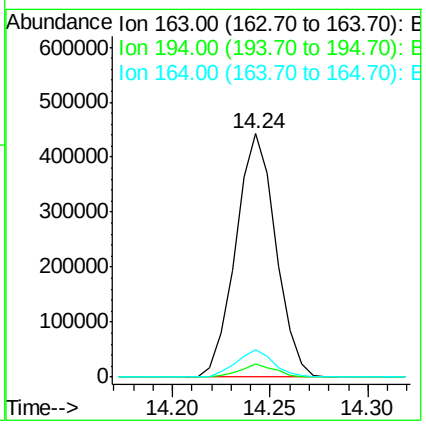


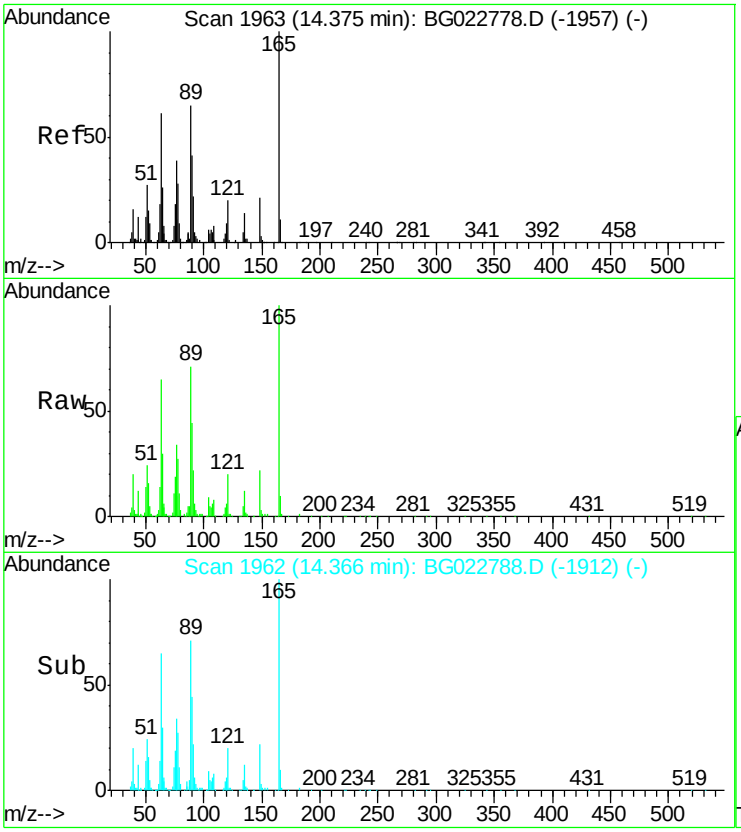


#44
Dimethylphthalate
Concen: 20.17 ng/ul
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:163 Resp: 628501

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2#
164	11.2	8.8	13.2



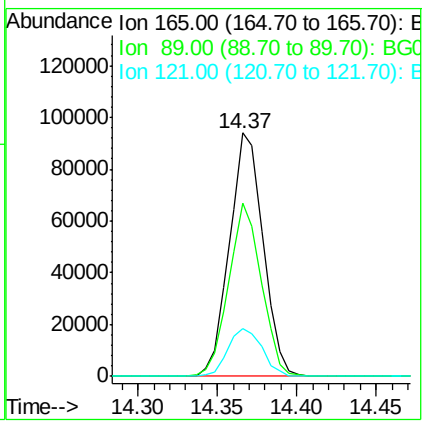


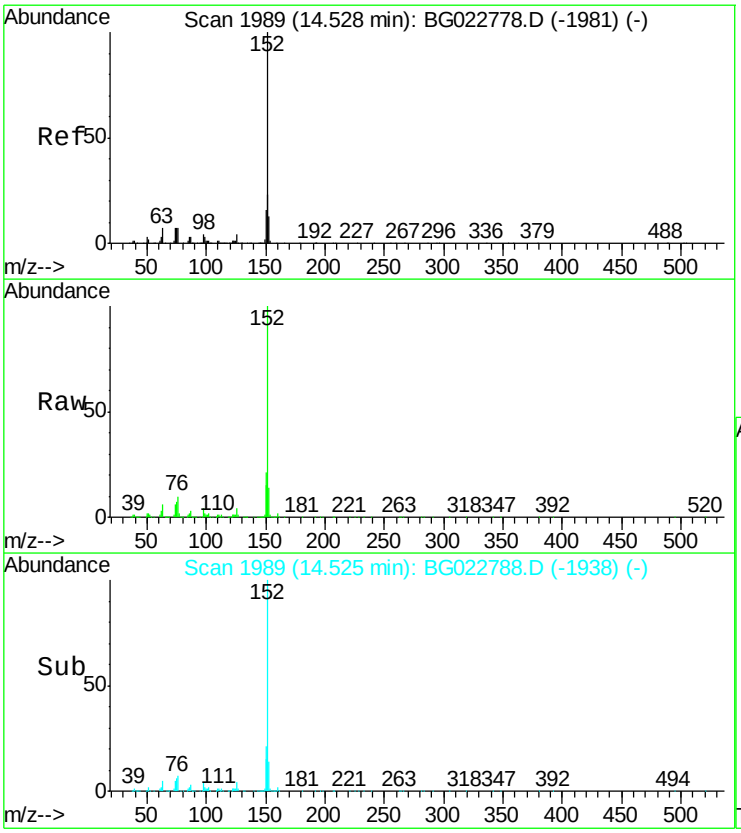
#45
2,6-Dinitrotoluene
Concen: 20.45 ng/ul
RT: 14.37 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 137992

Ion	Ratio	Lower	Upper
165	100		
89	71.3	41.5	62.3#
121	19.6	17.0	25.4

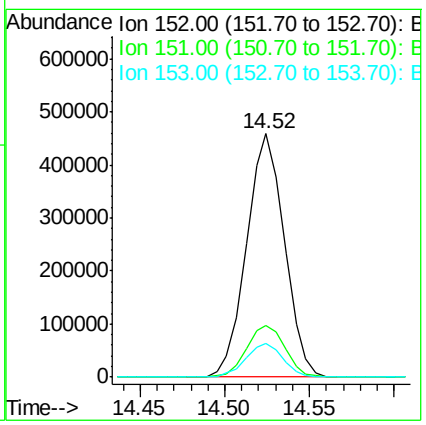


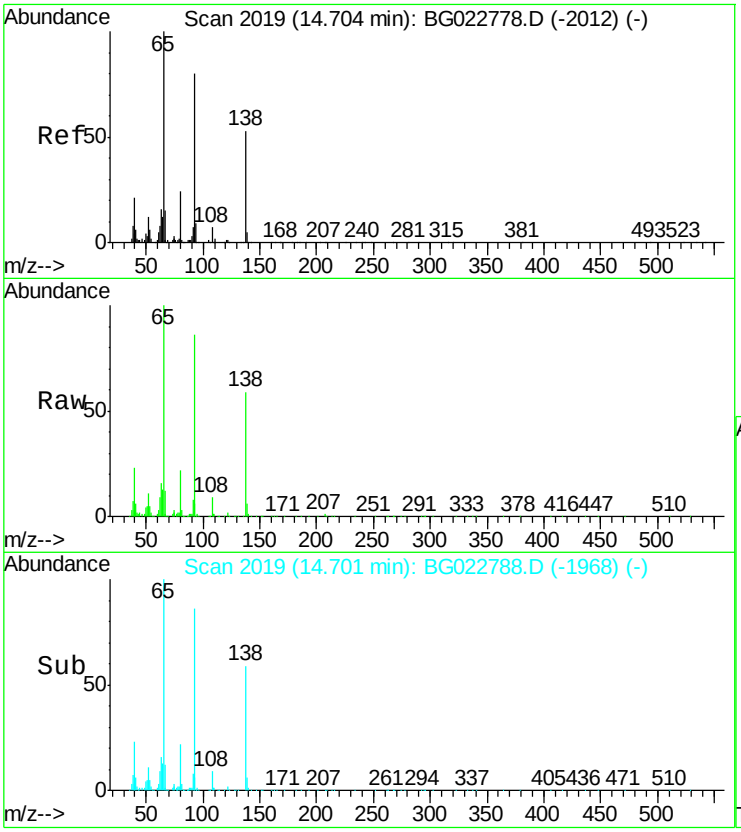


#47
Acenaphthylene
Concen: 20.30 ng/ul
RT: 14.52 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:152 Resp: 714987

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.5	26.3
153	13.7	11.1	16.7



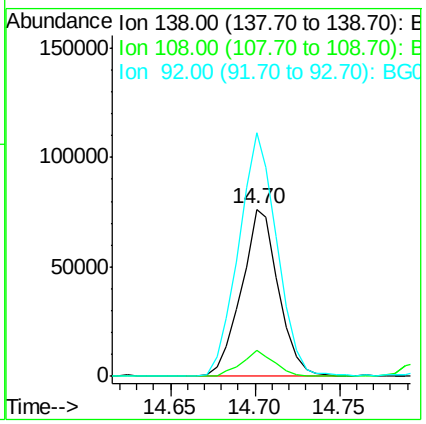


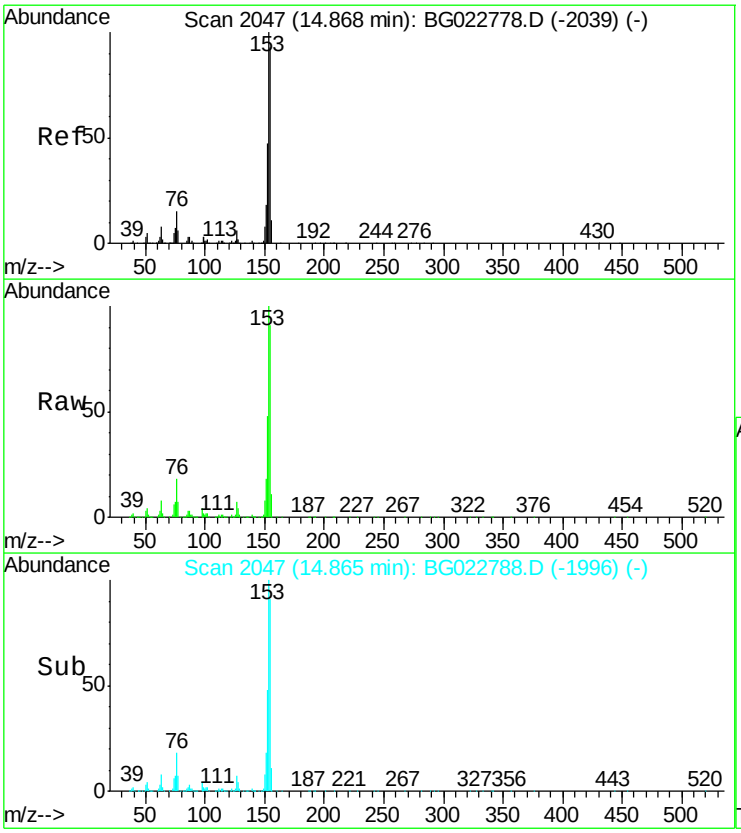
#48
3-Nitroaniline
Concen: 22.05 ng/ul
RT: 14.70 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 116243

Ion	Ratio	Lower	Upper
138	100		
108	15.8	6.2	9.2#
92	145.8	79.3	118.9#

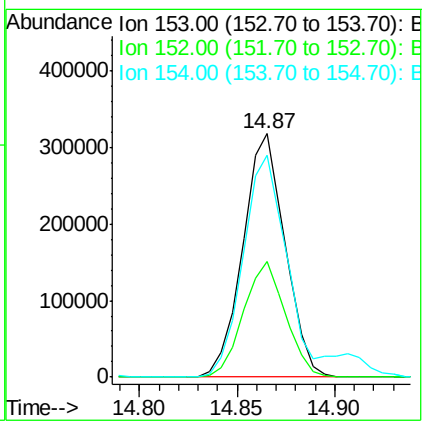


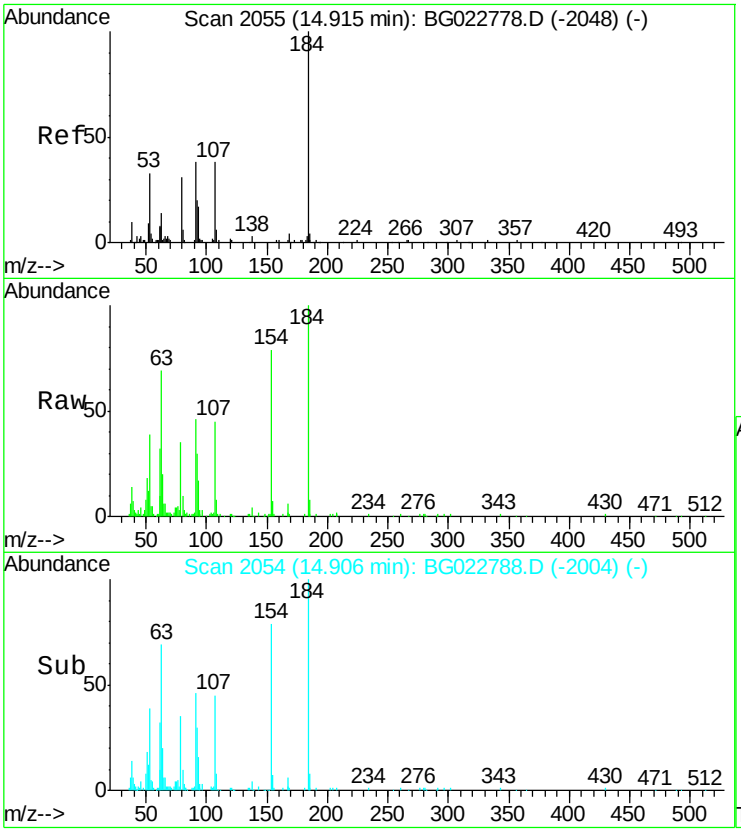


#49
Acenaphthene
Concen: 19.88 ng/ul
RT: 14.87 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:153 Resp: 475728

Ion	Ratio	Lower	Upper
153	100		
152	47.7	37.3	55.9
154	90.9	68.2	102.2



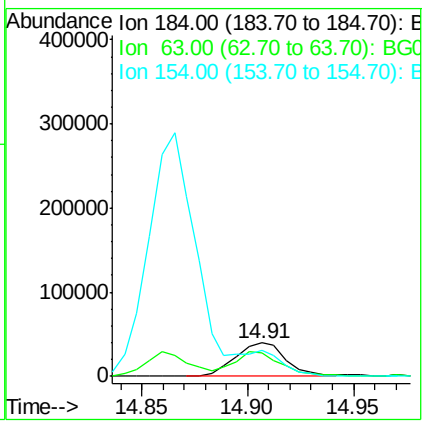


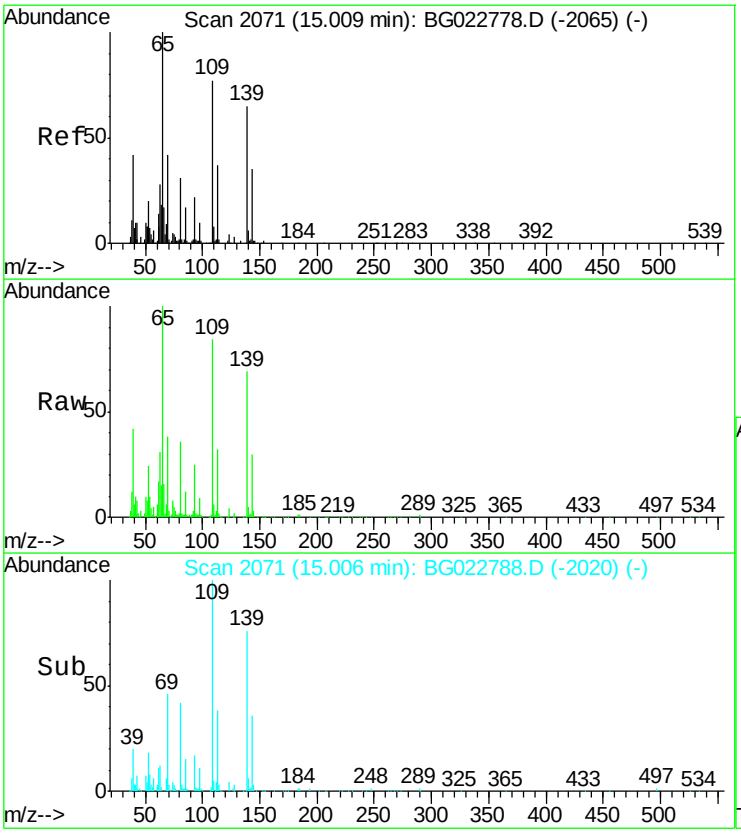
#50
2,4-Dinitrophenol
Concen: 17.71 ng/ul
RT: 14.91 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 66403

Ion	Ratio	Lower	Upper
184	100		
63	69.2	40.5	60.7#
154	79.4	48.5	72.7#

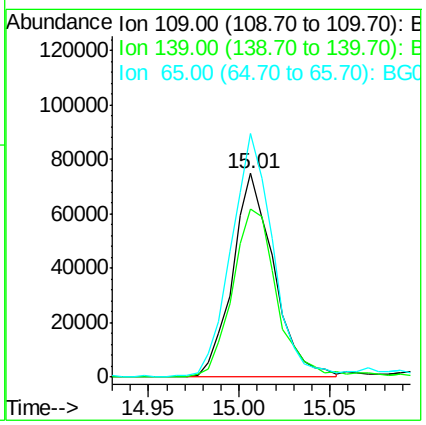


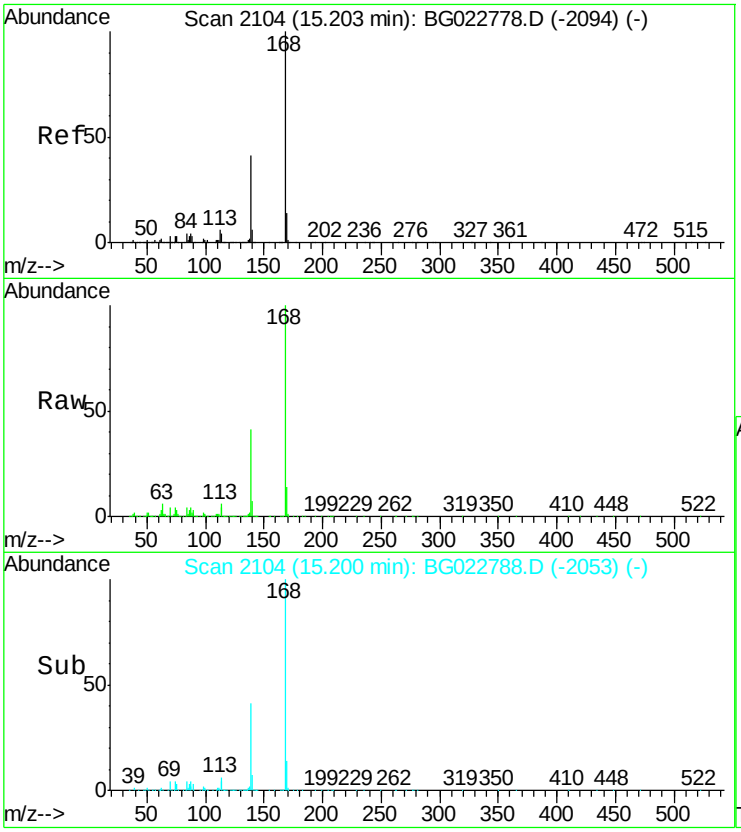


#52
4-Nitrophenol
Concen: 19.53 ng/ul
RT: 15.01 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:109 Resp: 119004

Ion	Ratio	Lower	Upper
109	100		
139	82.5	136.1	204.1#
65	119.5	106.0	159.0



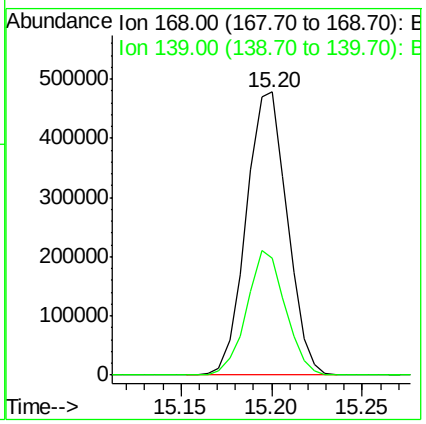


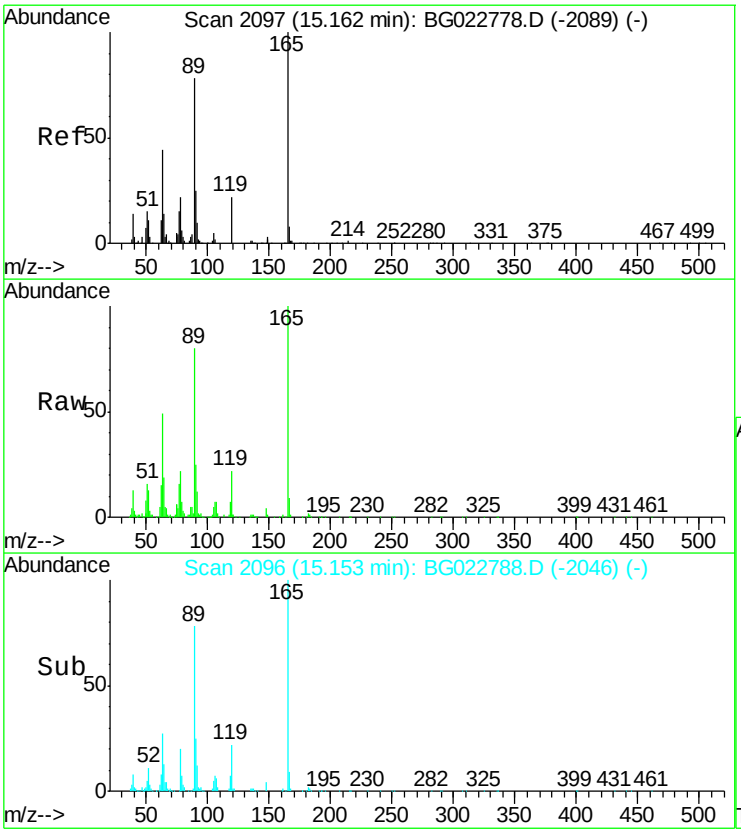
#53
Dibenzofuran
Concen: 20.34 ng/ul
RT: 15.20 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 751806

Ion	Ratio	Lower	Upper
168	100		
139	41.3	27.4	41.0#

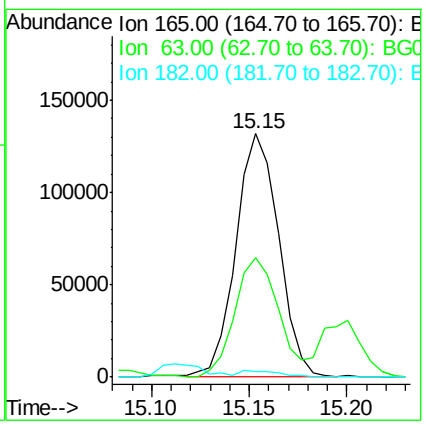


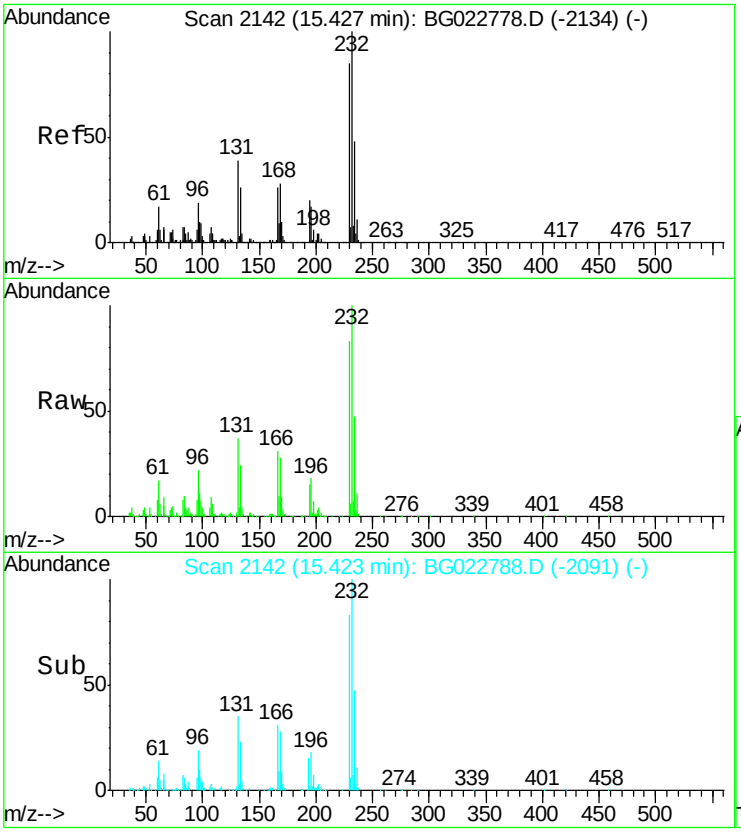


#54
2,4-Dinitrotoluene
Concen: 20.49 ng/ul
RT: 15.15 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:165 Resp: 199880

Ion	Ratio	Lower	Upper
165	100		
63	49.3	25.7	38.5#
182	2.3	2.1	3.1



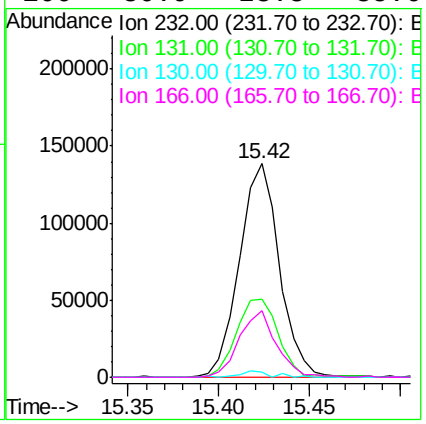


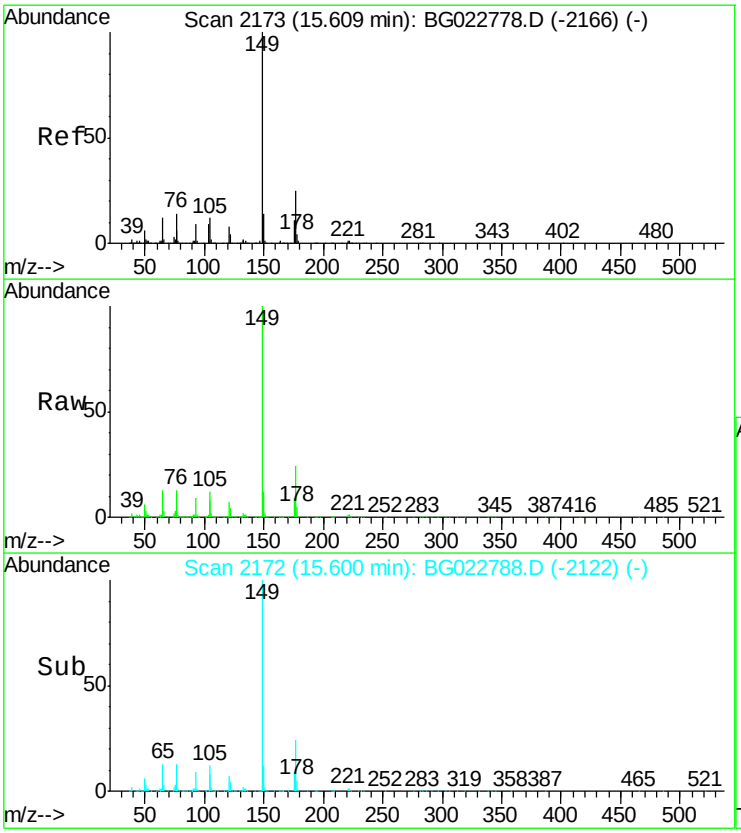
#55
2,3,4,6-Tetrachlorophenol
Concen: 20.44 ng/ul
RT: 15.42 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:232 Resp: 212081

Ion	Ratio	Lower	Upper
232	100		
131	36.6	34.8	52.2
130	2.4	2.2	3.2
166	30.9	23.8	35.6

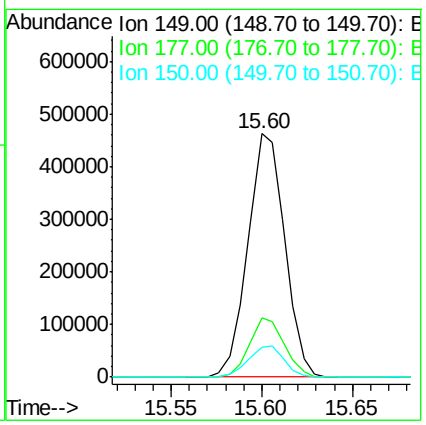


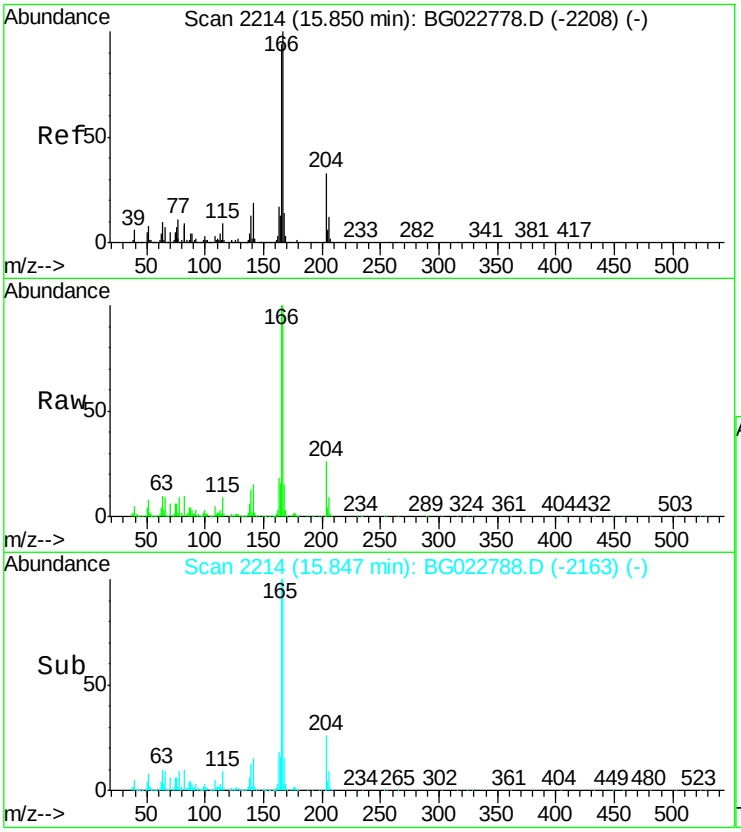


#56
Diethylphthalate
Concen: 20.81 ng/ul
RT: 15.60 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:149 Resp: 658984

Ion	Ratio	Lower	Upper
149	100		
177	24.2	17.4	26.2
150	12.3	9.6	14.4



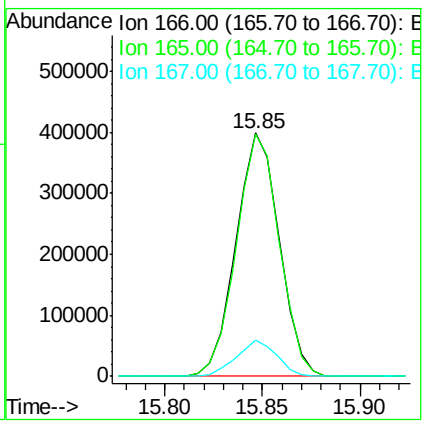


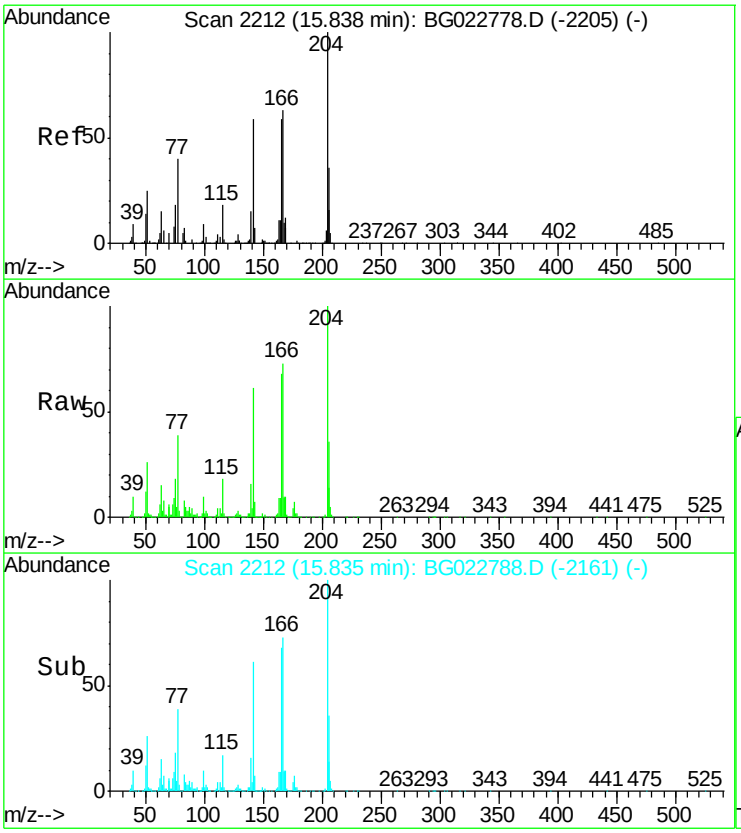
#58
Fluorene
Concen: 20.57 ng/ul
RT: 15.85 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 610939

Ion	Ratio	Lower	Upper
166	100		
165	99.6	80.3	120.5
167	14.9	10.3	15.5

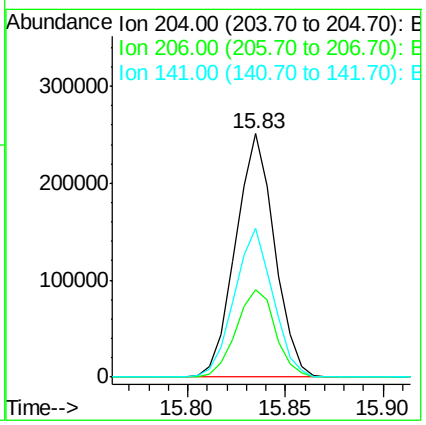


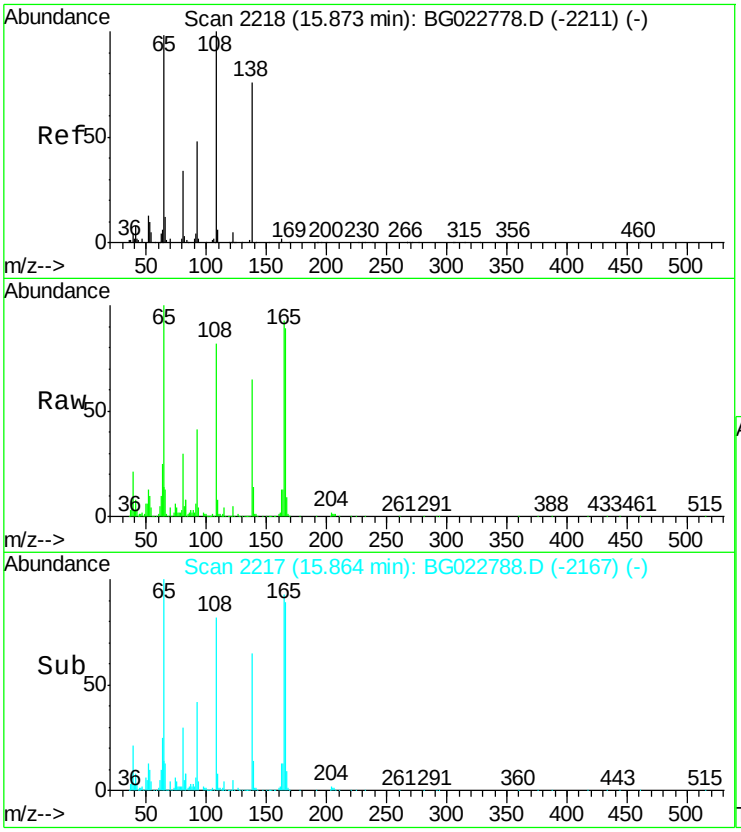


#59
4-Chlorophenyl-phenylether
Concen: 19.50 ng/ul
RT: 15.83 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:204 Resp: 346880

Ion	Ratio	Lower	Upper
204	100		
206	35.8	27.4	41.2
141	61.1	47.1	70.7



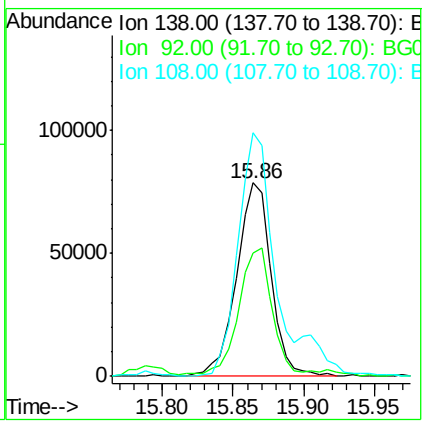


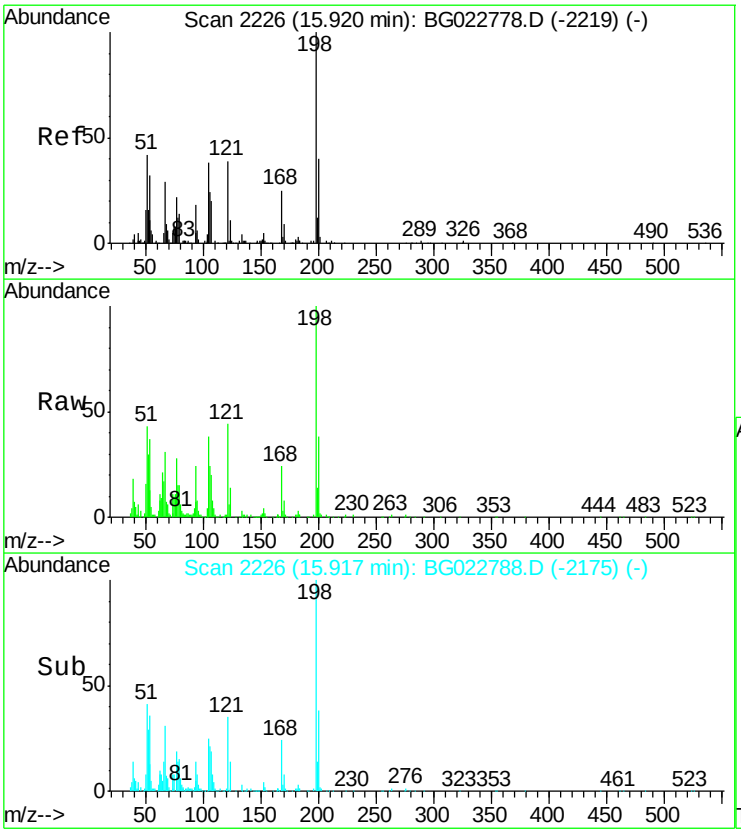
#60
4-Nitroaniline
Concen: 21.34 ng/ul
RT: 15.86 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 135141

Ion	Ratio	Lower	Upper
138	100		
92	64.0	39.0	58.4#
108	126.0	49.2	73.8#

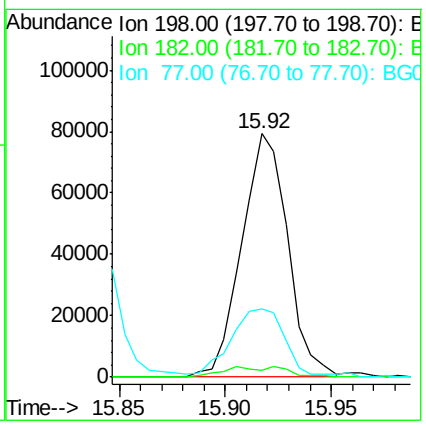


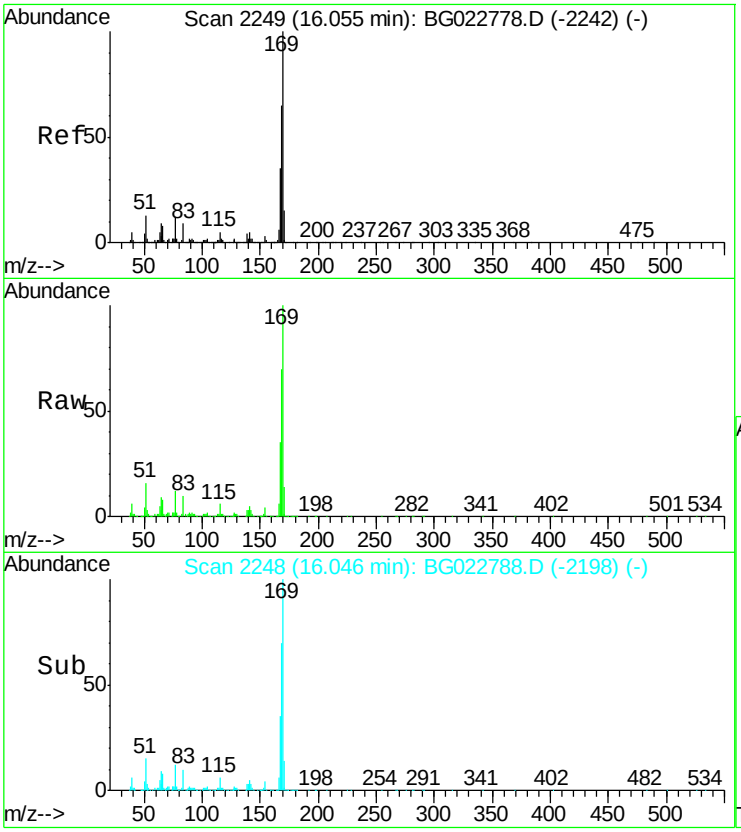


#63
4,6-Dinitro-2-methylphenol
Concen: 18.69 ng/ul
RT: 15.92 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:198 Resp: 119522

Ion	Ratio	Lower	Upper
198	100		
182	2.8	4.2	6.2#
77	27.8	16.7	25.1#



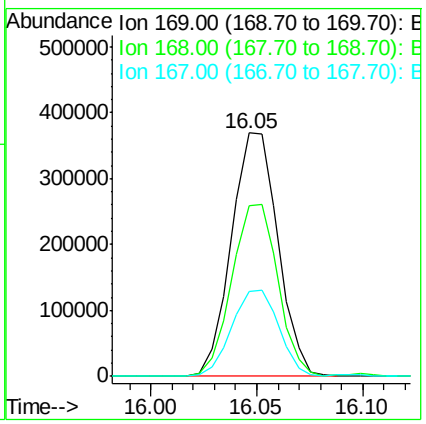


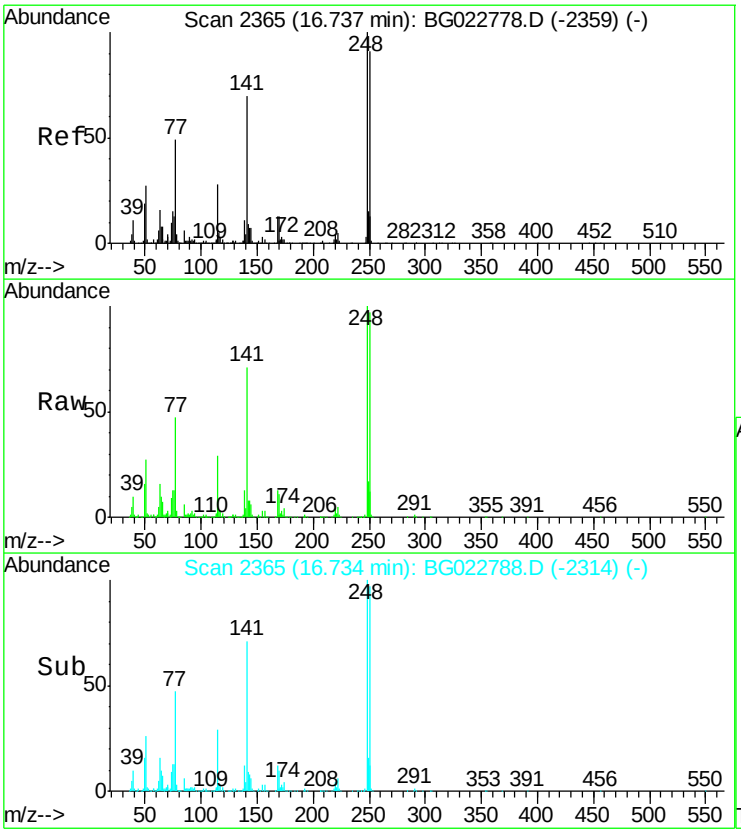
#64
N-Nitrosodiphenylamine
Concen: 20.33 ng/ul
RT: 16.05 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 561676

Ion	Ratio	Lower	Upper
169	100		
168	70.0	59.0	88.6
167	34.7	30.6	46.0

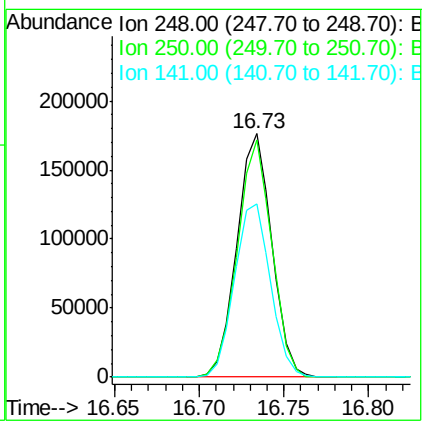


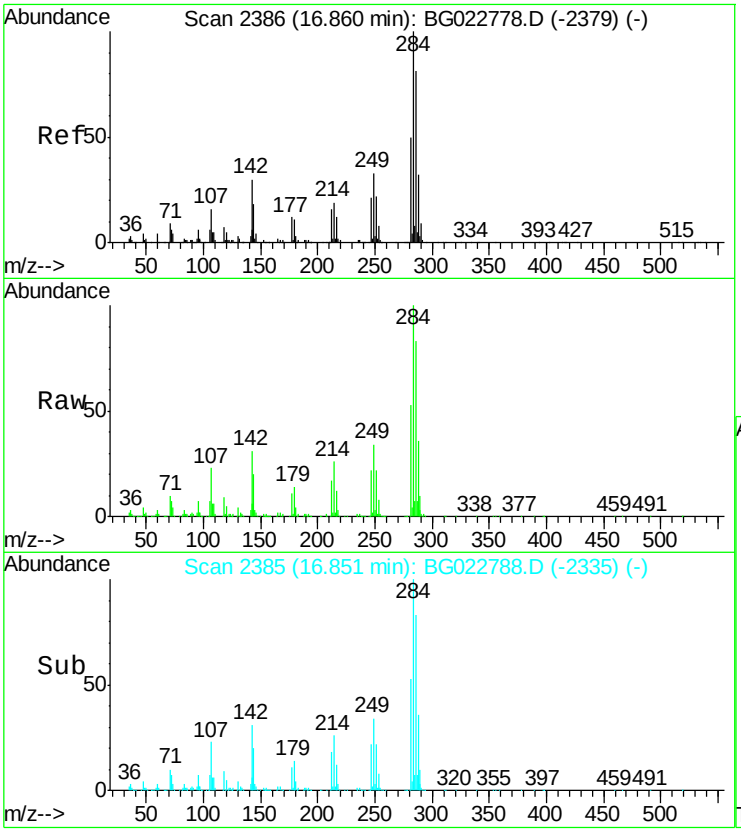


#65
4-Bromophenyl-phenylether
Concen: 20.16 ng/ul
RT: 16.73 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:248 Resp: 252993

Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.6	114.8
141	71.3	61.8	92.6



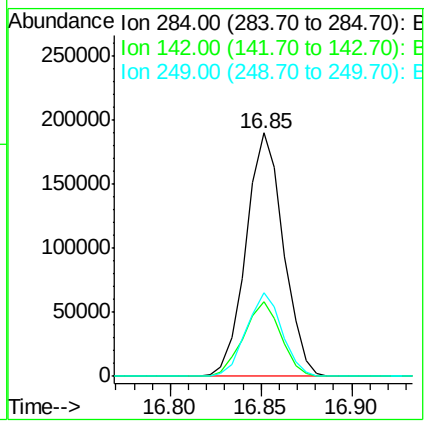


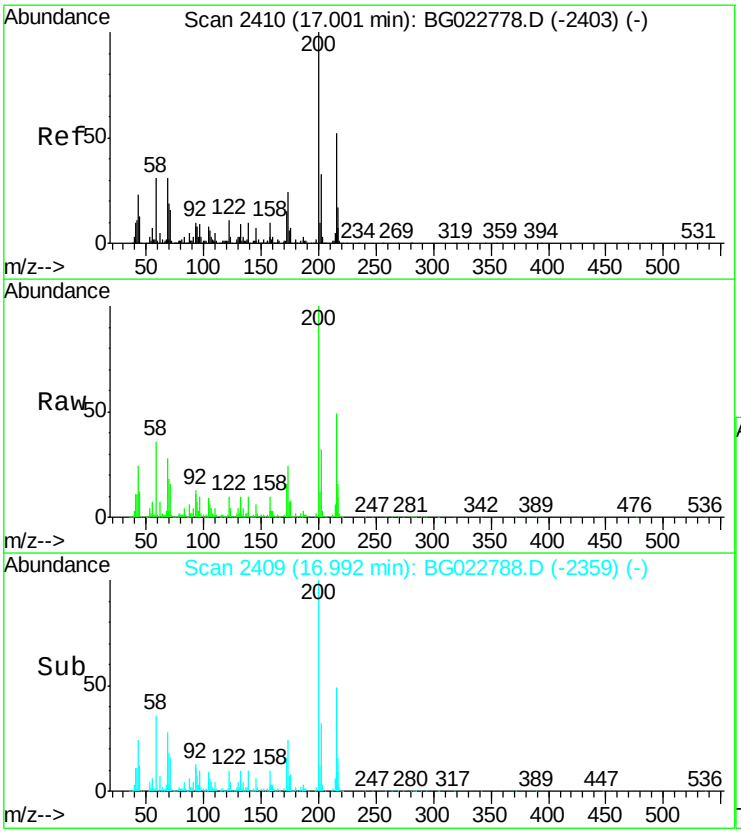
#66
Hexachlorobenzene
Concen: 20.45 ng/ul
RT: 16.85 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:284 Resp: 271725

Ion	Ratio	Lower	Upper
284	100		
142	30.9	27.8	41.8
249	34.3	24.4	36.6

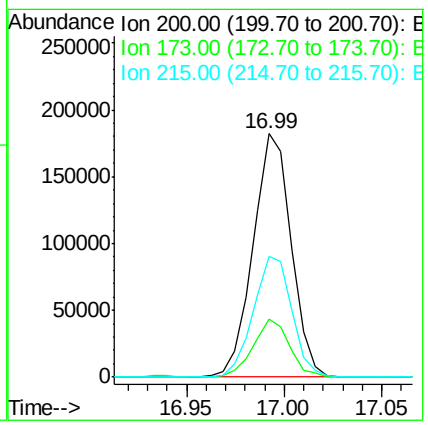


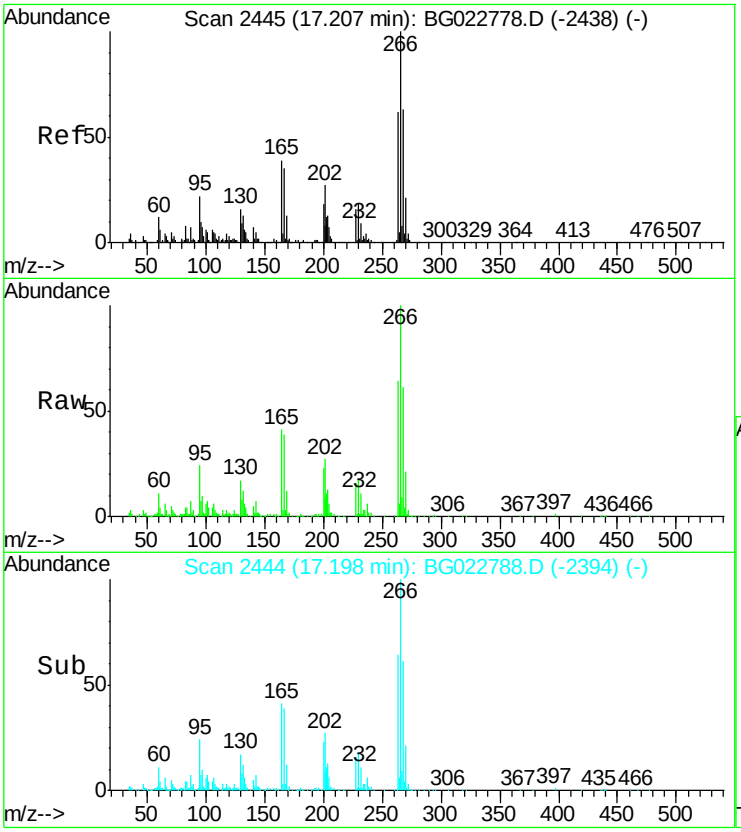


#67
Atrazine
Concen: 21.36 ng/ul
RT: 16.99 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:200 Resp: 246042

Ion	Ratio	Lower	Upper
200	100		
173	23.8	21.0	31.6
215	49.4	37.9	56.9



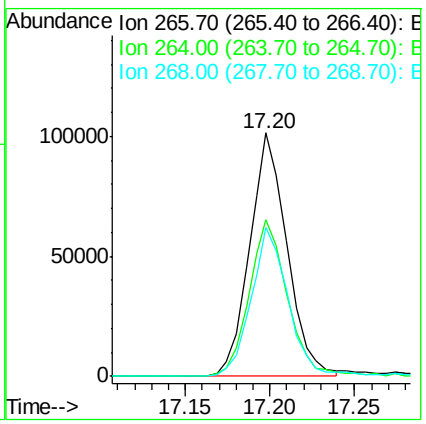


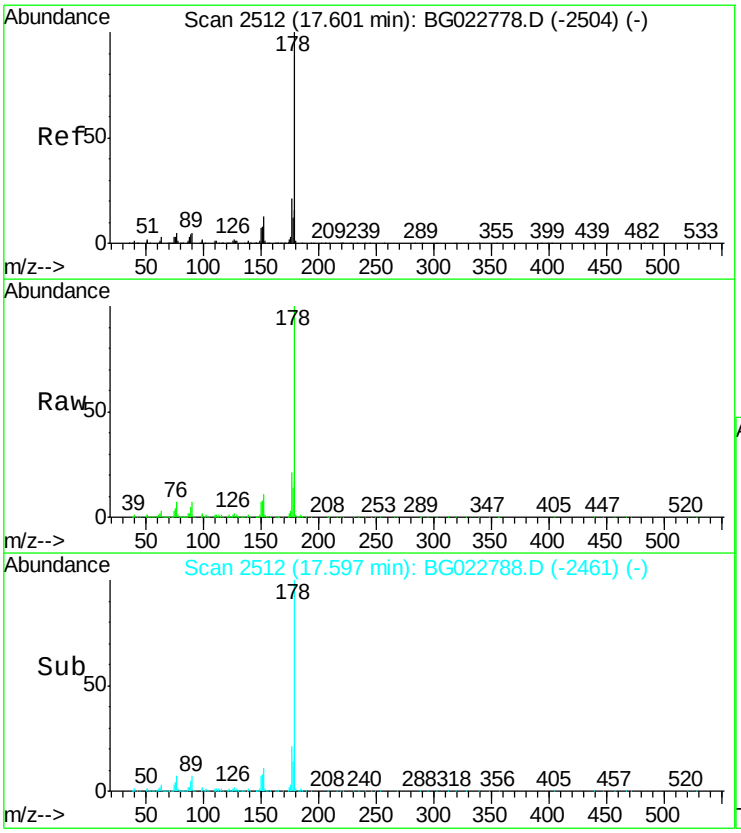
#68
Pentachlorophenol
Concen: 20.31 ng/ul
RT: 17.20 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:266 Resp: 155096

Ion	Ratio	Lower	Upper
266	100		
264	64.1	54.7	82.1
268	61.0	57.8	86.8

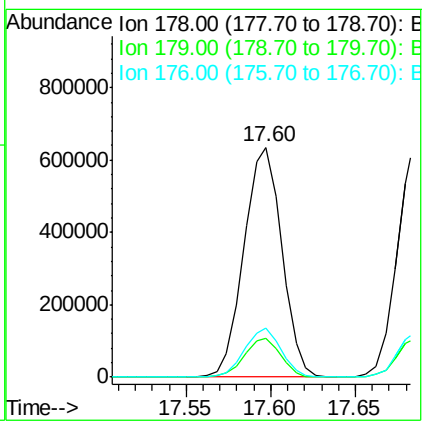


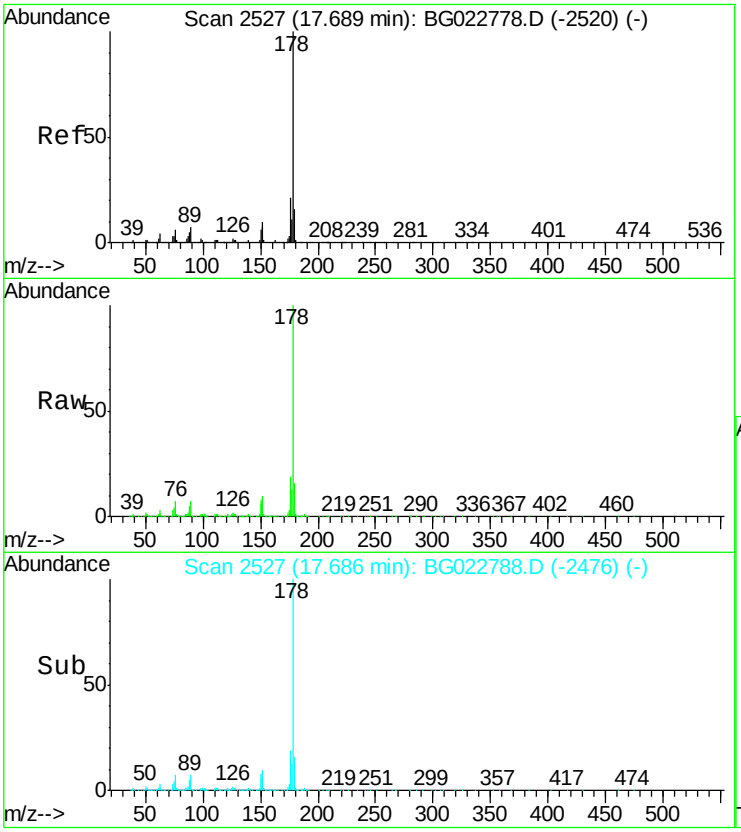


#69
Phenanthrene
Concen: 20.69 ng/ul
RT: 17.60 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:178 Resp: 992704

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.9	19.3
176	21.3	15.8	23.8



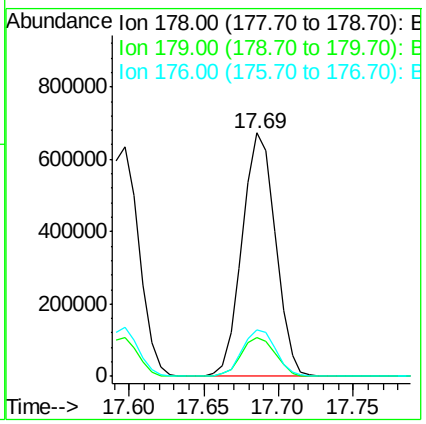


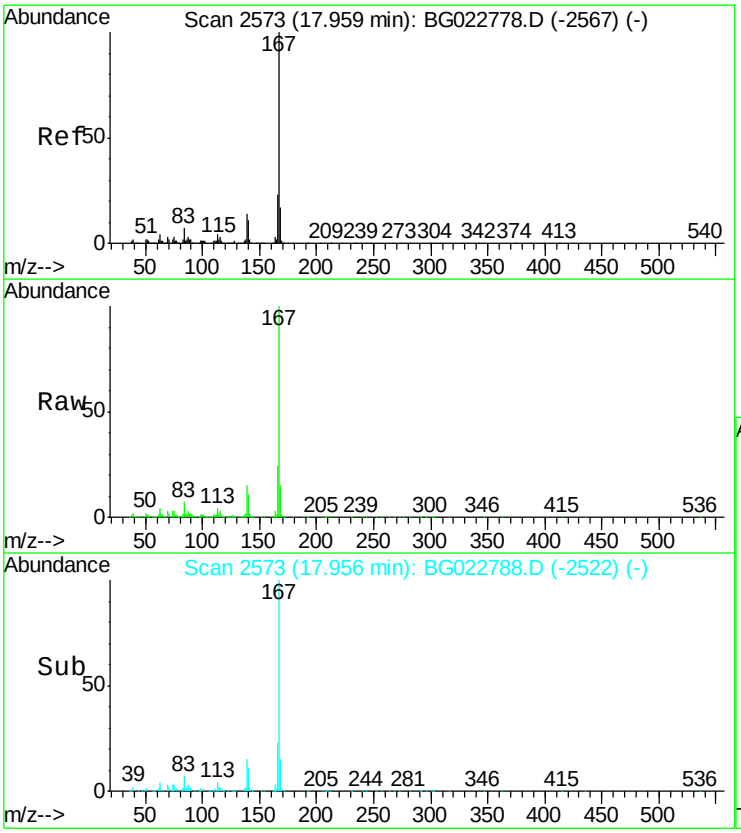
#71
Anthracene
Concen: 21.04 ng/ul
RT: 17.69 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 1037299

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.0	16.3	24.5

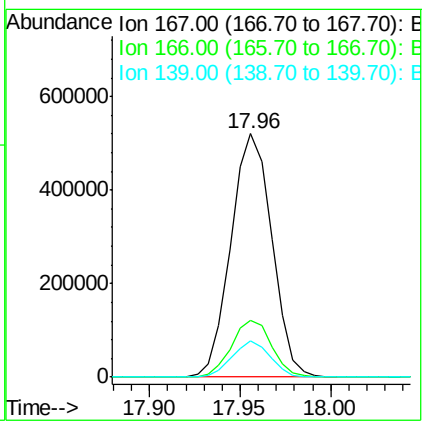


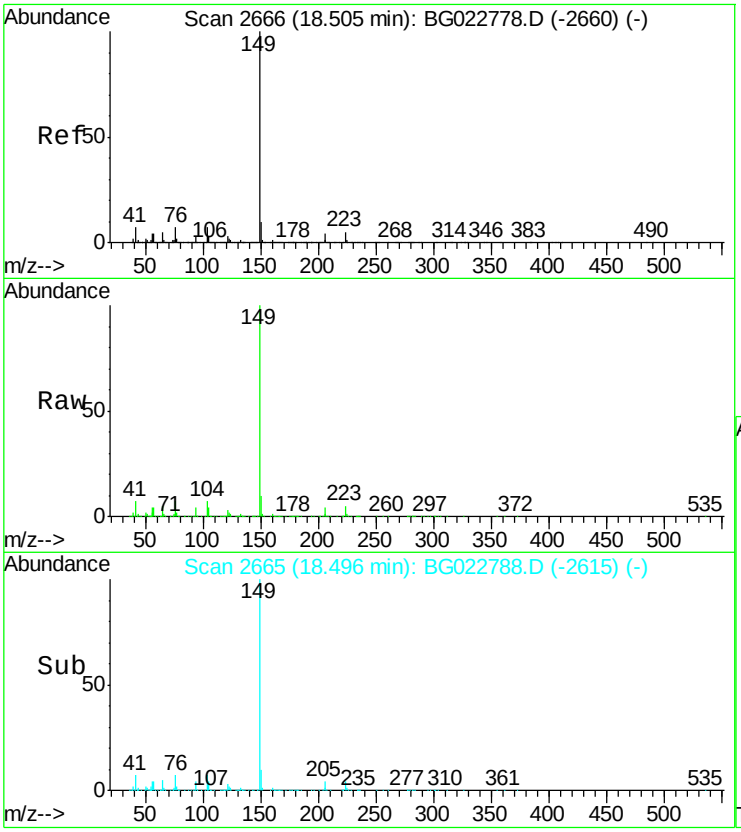


#72
Carbazole
Concen: 22.43 ng/ul
RT: 17.96 min Scan# 2573
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:167 Resp: 818618

Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.2	28.8
139	14.7	10.2	15.4



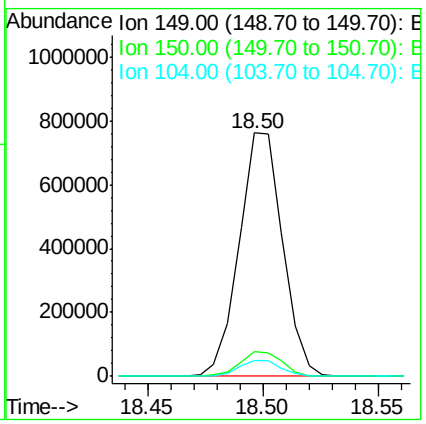


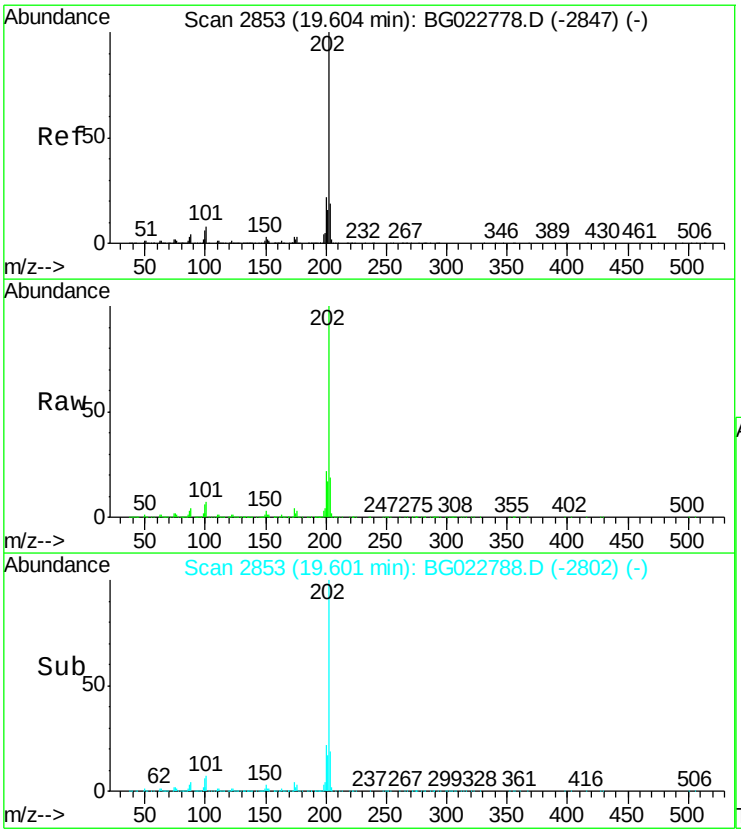
#73
Di-n-butylphthalate
Concen: 21.33 ng/ul
RT: 18.50 min Scan# 2665
Delta R.T. -0.01 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 998978

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.1	10.7
104	6.7	3.3	4.9#

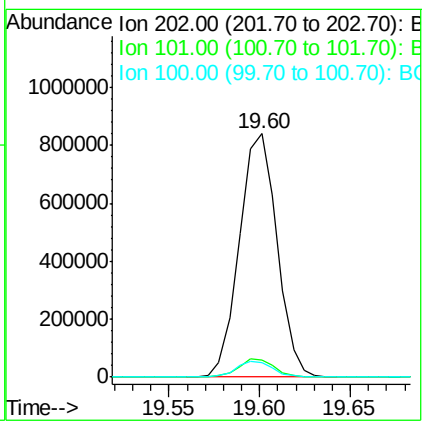


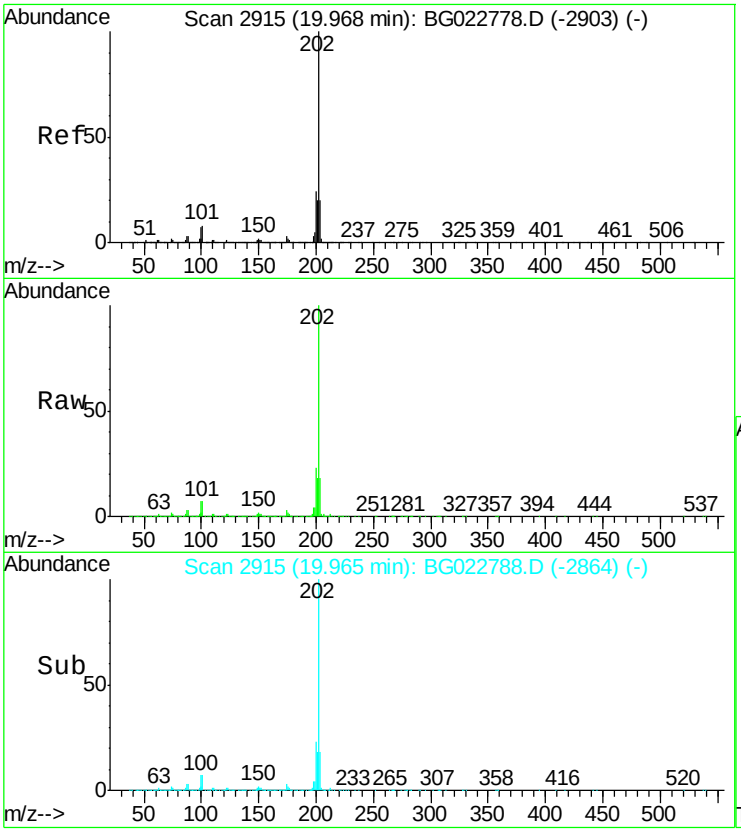


#74
Fluoranthene
Concen: 24.21 ng/ul
RT: 19.60 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:202 Resp: 1210201

Ion	Ratio	Lower	Upper
202	100		
101	6.8	10.6	16.0#
100	6.0	8.7	13.1#



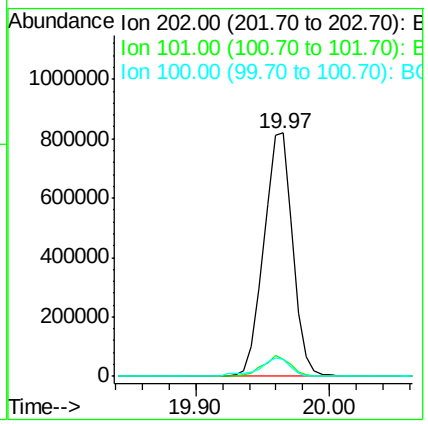


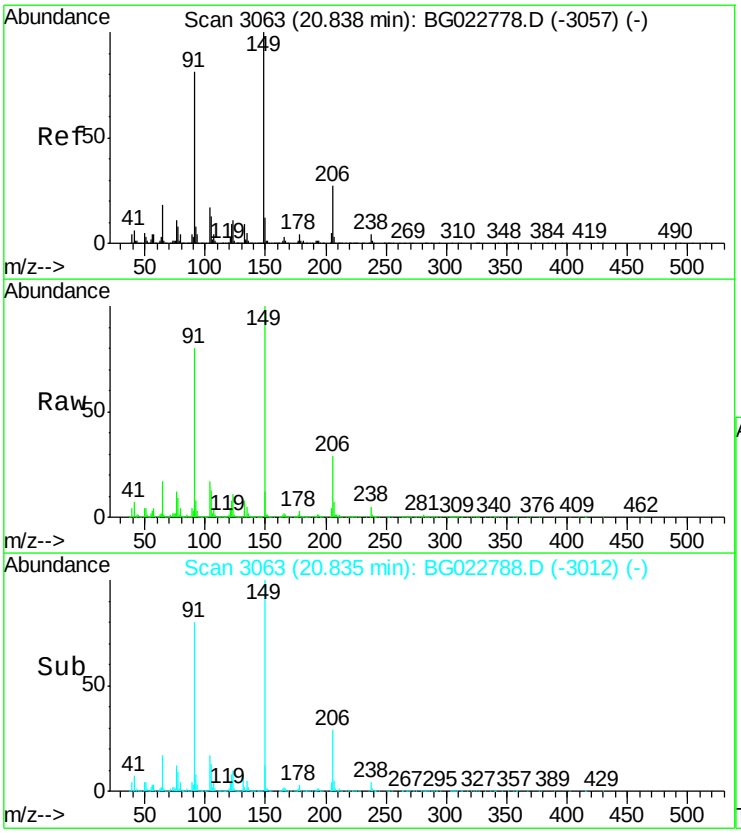
#77
Pyrene
Concen: 21.00 ng/ul
RT: 19.97 min Scan# 2915
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1224858

Ion	Ratio	Lower	Upper
202	100		
101	7.1	12.5	18.7#
100	7.0	10.2	15.4#

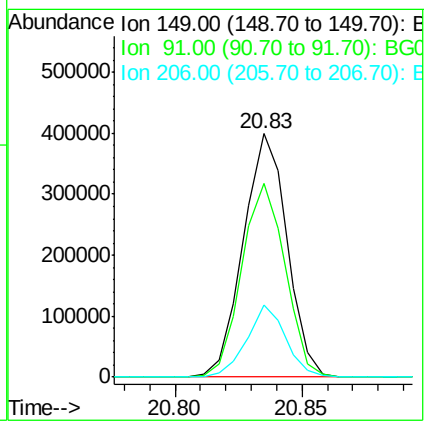


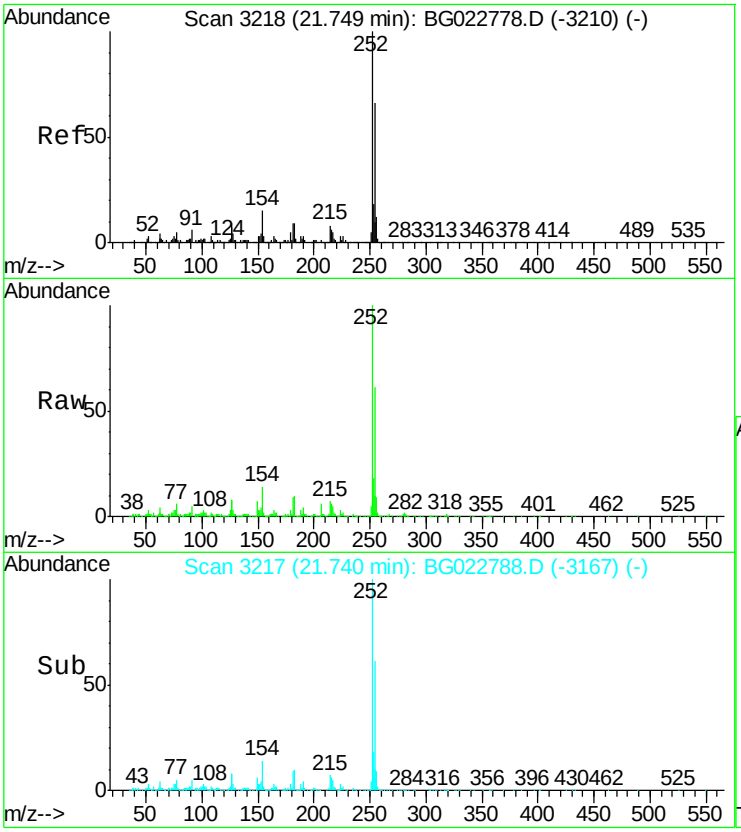


#78
Butylbenzylphthalate
Concen: 21.21 ng/ul
RT: 20.83 min Scan# 3063
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:149 Resp: 479815

Ion	Ratio	Lower	Upper
149	100		
91	79.7	54.2	81.4
206	29.5	14.1	21.1#



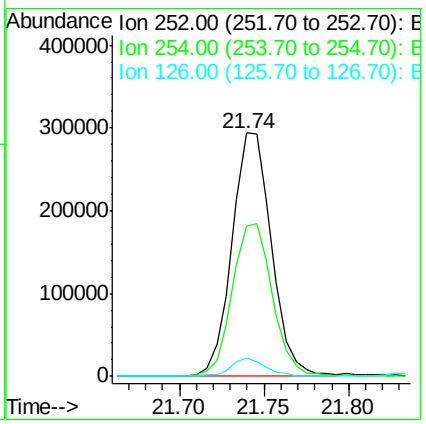


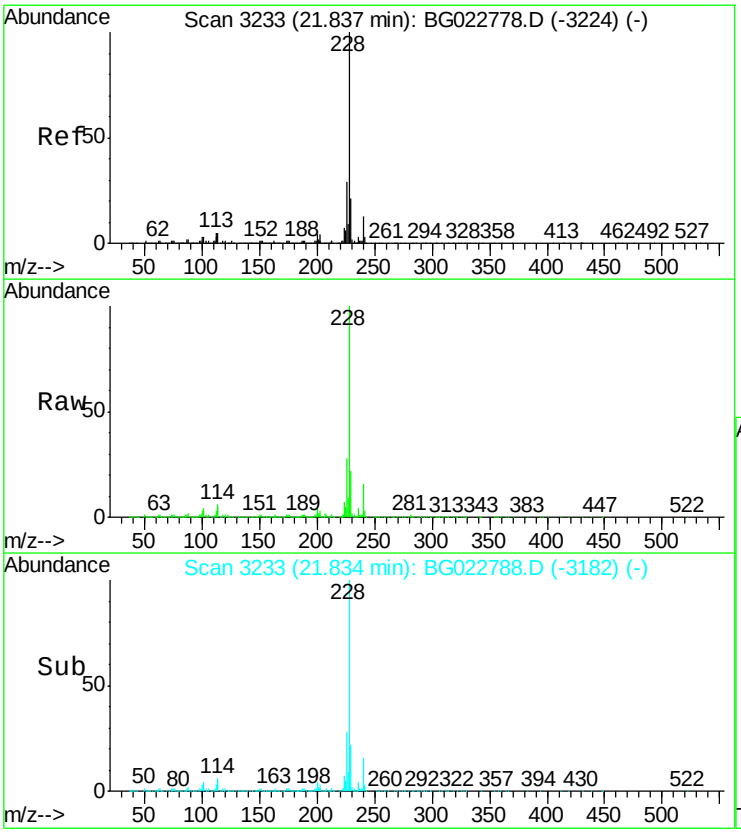
#79
3,3'-Dichlorobenzidine
Concen: 24.14 ng/ul
RT: 21.74 min Scan# 3217
Delta R.T. -0.01 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 476232

Ion	Ratio	Lower	Upper
252	100		
254	61.4	51.4	77.2
126	7.6	10.7	16.1#

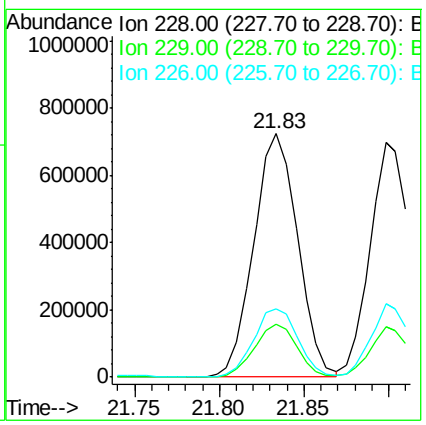


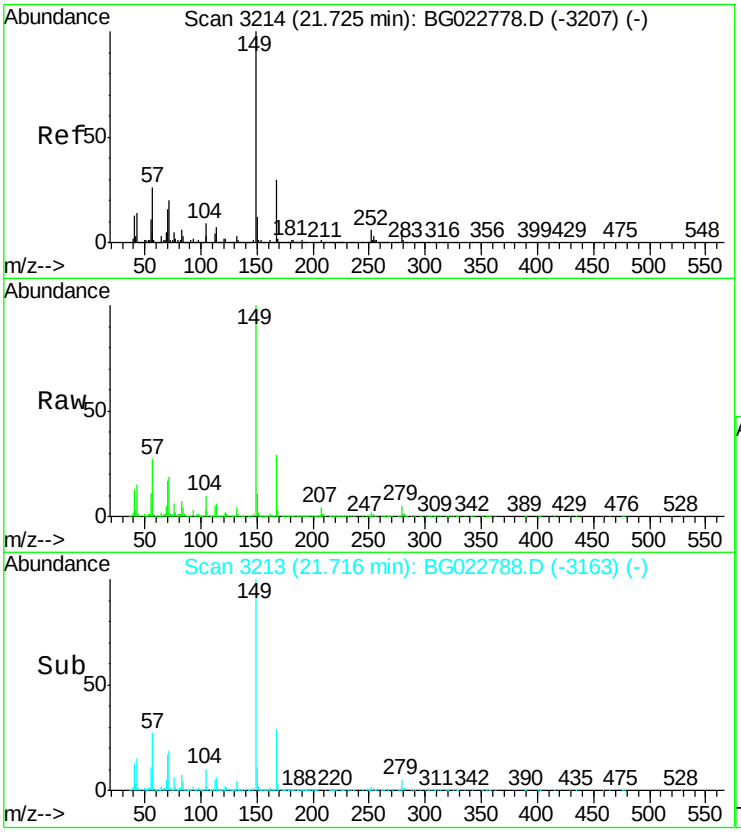


#80
Benzo(a)anthracene
Concen: 21.28 ng/ul
RT: 21.83 min Scan# 3233
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:228 Resp: 1300468

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.4	23.2
226	27.8	22.8	34.2



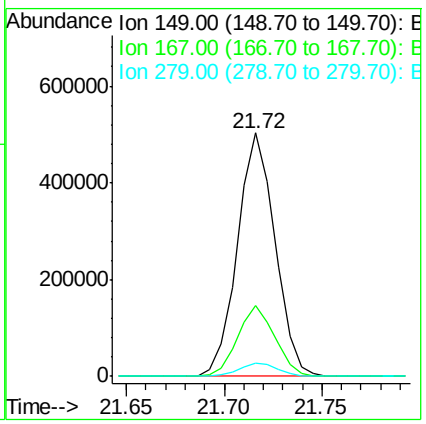


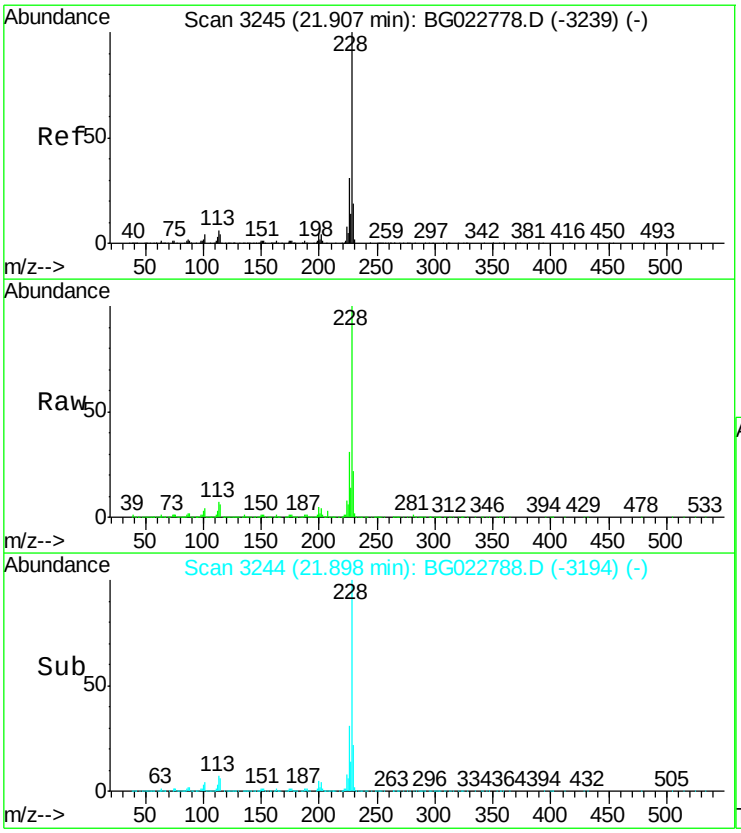
#81
Bis(2-ethylhexyl)phthalate
Concen: 22.88 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. -0.01 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 667985

Ion	Ratio	Lower	Upper
149	100		
167	29.0	21.9	32.9
279	5.5	2.9	4.3#

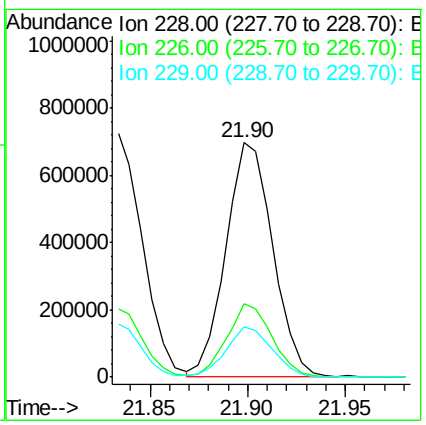


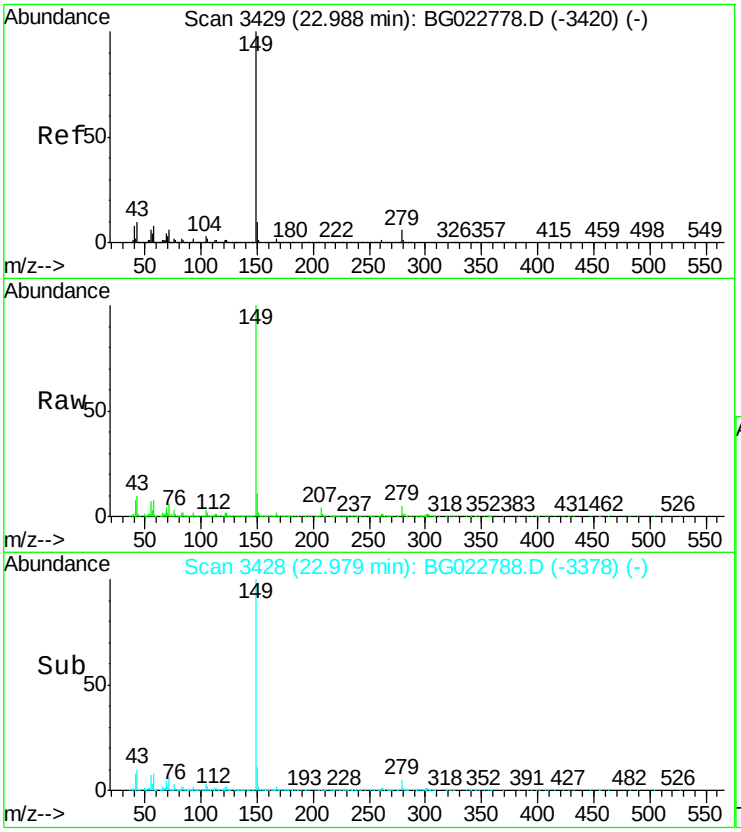


#82
Chrysene
Concen: 20.69 ng/ul
RT: 21.90 min Scan# 3244
Delta R.T. -0.01 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:228 Resp: 1151199

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.2	36.4
229	21.7	15.0	22.6

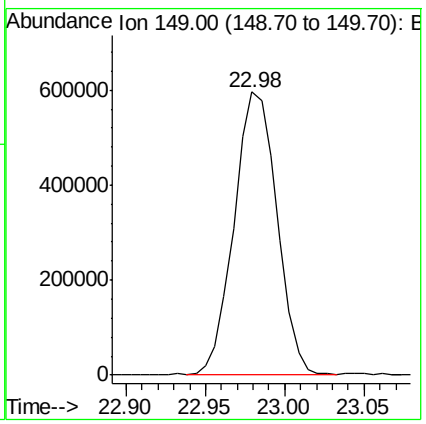


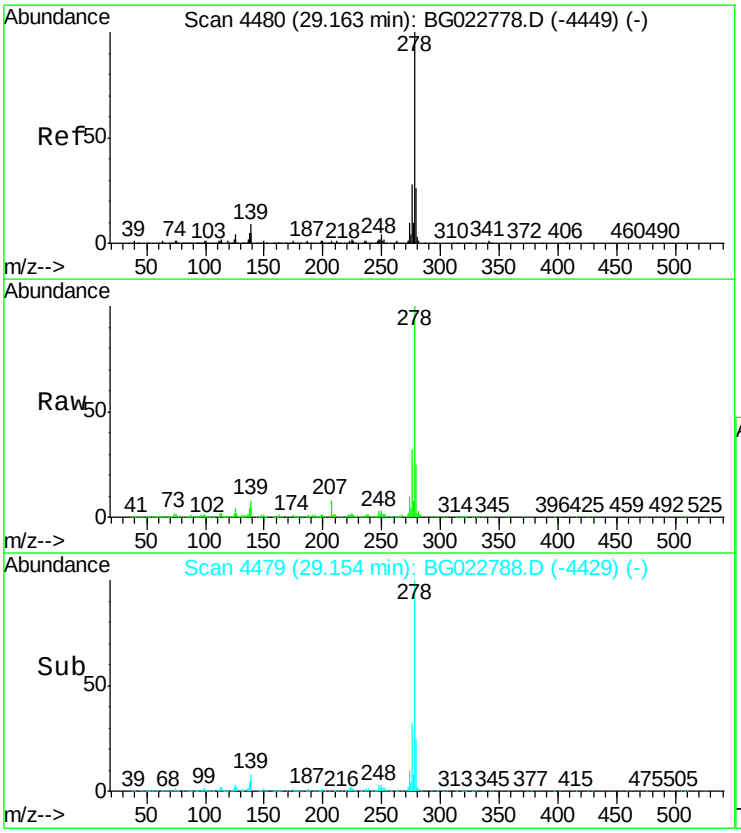


#84
Di-n-octyl phthalate
Concen: 23.40 ng/ul
RT: 22.98 min Scan# 3428
Delta R.T. -0.01 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 1120326

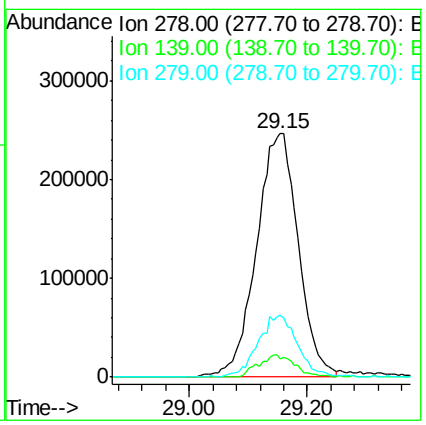


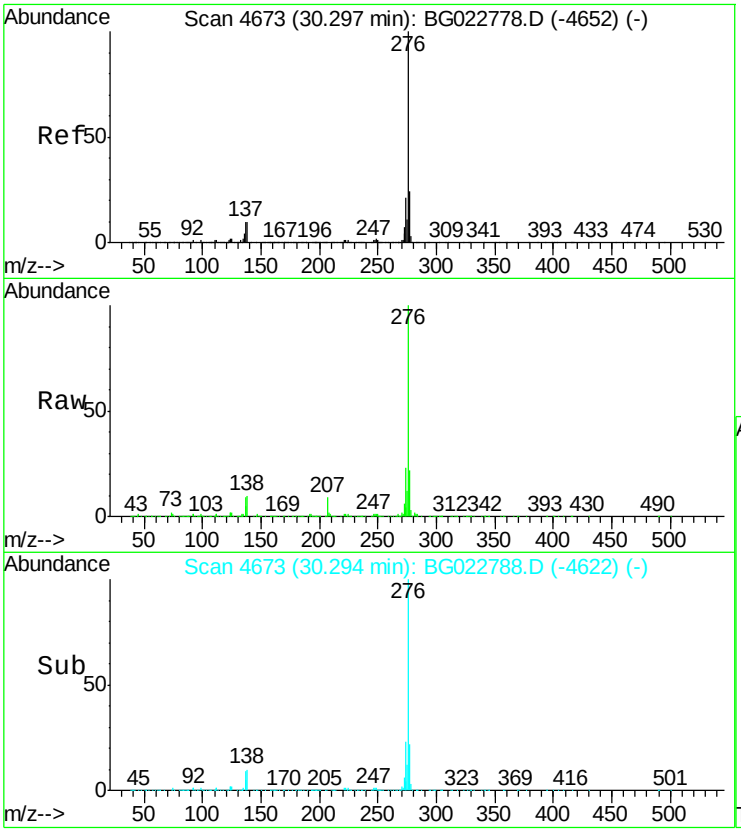


#90
Dibenzo(a,h)anthracene
Concen: 21.36 ng/ul
RT: 29.15 min Scan# 4479
Delta R.T. -0.01 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Tgt Ion:278 Resp: 1204516

Ion	Ratio	Lower	Upper
278	100		
139	7.7	16.3	24.5#
279	25.5	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 22.38 ng/ul
RT: 30.29 min Scan# 4673
Delta R.T. -0.00 min
Lab File: BG022788.D
Acq: 2 Jul 2016 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 1196659

Ion	Ratio	Lower	Upper
276	100		
138	9.6	22.1	33.1#
277	21.5	17.0	25.4