Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023031.D
Acq On : 12 Jul 2016 11:25
Operator : UM/SJ
Sample : H3936-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3(5-6)

Quant Time: Jul 12 15:43:36 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	1150	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	264	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	344	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	878	20.00	ng		0.00
75) Chrysene-d12	21.85	240	401	20.00	ng		0.00
86) Perylene-d12	25.21	264	163	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	921788	13109.49	ng		0.00
7) Phenol-d6	7.31	99	1489668	13526.53	ng		0.00
23) Nitrobenzene-d5	9.34	82	1086284	176189.11	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	812226	131374.82	ng		0.00
44) 2-Fluorobiphenyl	13.43	172	2049452	93841.91	ng		0.00
78) Terphenyl-d14	20.16	244	2650793	-20.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	301	11.01	ng	#	1
4) n-Nitrosodimethylamine	3.89	42	610	15.20	ng	#	1
6) Aniline	7.48	93	308	2.02	ng	#	37
8) 2-Chlorophenol	7.72	128	286	3.82	ng	#	1
9) Benzaldehyde	7.28	77	373	5.07	ng	#	23
10) Phenol	7.34	94	10136	89.45	ng	#	1
15) Benzyl Alcohol	8.40	79	1390	13.78	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	8.43	45	1058	9.64	ng		78
22) Acetophenone	9.03	105	154	19.44	ng	#	49
24) Nitrobenzene	9.41	77	165	25.19	ng	#	1
25) Isophorone	9.89	82	119	9.60	ng	#	69
26) 2-Nitrophenol	10.08	139	115	44.74	ng	#	39
27) 2,4-Dimethylphenol	10.16	122	86	19.35	ng	#	4
28) bis(2-Chloroethoxy)methane	10.38	93	93	13.45	ng	#	50
29) 2,4-Dichlorophenol	10.81	162	215	45.36	ng	#	25
30) 1,2,4-Trichlorobenzene	10.86	180	55	10.13	ng	#	14
31) Naphthalene	11.03	128	65	4.84	ng	#	67
32) Benzoic acid	10.28	122	241	59.61	ng	#	16
33) 4-Chloroaniline	11.15	127	68	10.35	ng	#	38
34) Hexachlorobutadiene	11.32	225	59	13.40	ng	#	1
35) Caprolactam	11.91	113	126	64.62	ng	#	1
36) 4-Chloro-3-methylphenol	12.26	107	60	9.26	ng	#	1
37) 2-Methylnaphthalene	12.64	142	59	5.55	ng	#	13
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	65	4.38	ng	#	67
42) 2,4,6-Trichlorophenol	13.27	196	164	19.25	ng	#	11
43) 2,4,5-Trichlorophenol	13.33	196	85	9.71	ng	#	12
45) 1,1'-Biphenyl	13.63	154	426	16.50	ng	#	43
46) 2-Chloronaphthalene	13.69	162	268	12.80	ng	#	63
47) 2-Nitroaniline	13.91	65	330	36.94	ng	#	16
48) Acenaphthylene	14.53	152	83	2.64	ng	#	58
49) Dimethylphthalate	14.25	163	777772	27678.63	ng		99
50) 2,6-Dinitrotoluene	14.32	165	1292	204.59	ng	#	20
51) Acenaphthene	14.87	154	53	2.58	ng	#	2
52) 3-Nitroaniline	14.64	138	99	15.72	ng	#	1

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023031.D
Acq On : 12 Jul 2016 11:25
Operator : UM/SJ
Sample : H3936-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3(5-6)

Quant Time: Jul 12 15:43:36 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) 2,4-Dinitrophenol	14.92	184	92	21.23	ng	#	10
54) Dibenzofuran	15.21	168	515	16.76	ng	#	62
55) 4-Nitrophenol	14.96	139	60	11.37	ng	#	1
56) 2,4-Dinitrotoluene	15.16	165	172	18.68	ng	#	9
57) Fluorene	15.86	166	199	7.53	ng	#	1
58) 2,3,4,6-Tetrachlorophenol	15.43	232	110	12.57	ng	#	34
59) Diethylphthalate	15.60	149	2670	93.38	ng	#	66
60) 4-Chlorophenyl-phenylether	15.86	204	63	3.91	ng	#	26
61) 4-Nitroaniline	15.88	138	71	10.42	ng	#	1
62) Azobenzene	16.14	77	854	31.23	ng	#	43
64) 4,6-Dinitro-2-methylphenol	15.96	198	62	9.50	ng	#	1
65) n-Nitrosodiphenylamine	16.30	169	31429	1242.46	ng	#	43
66) 4-Bromophenyl-phenylether	16.75	248	59	5.16	ng	#	4
67) Hexachlorobenzene	16.78	284	86	6.92	ng	#	1
68) Atrazine	17.00	200	130	11.59	ng	#	36
69) Pentachlorophenol	17.24	266	65	8.08	ng	#	18
70) Phenanthrene	17.61	178	1304	30.31	ng	#	23
71) Anthracene	17.68	178	206	4.73	ng	#	45
72) Carbazole	17.96	167	151	4.01	ng	#	53
73) Di-n-butylphthalate	18.51	149	16832	402.02	ng	#	87
74) Fluoranthene	19.61	202	1322	25.04	ng	#	55
76) Benzidine	19.79	184	78	6.78	ng	#	14
77) Pyrene	19.97	202	1227	54.45	ng	#	74
79) Butylbenzylphthalate	20.85	149	1134	127.05	ng	#	83
80) Benzo(a)anthracene	21.82	228	417	18.59	ng	#	46
81) 3,3'-Dichlorobenzidine	21.74	252	296	30.06	ng	#	24
82) Chrysene	21.89	228	367	17.44	ng	#	72
83) Bis(2-ethylhexyl)phthalate	21.73	149	33572	2708.75	ng	#	97
84) Di-n-octyl phthalate	22.97	149	907	43.88	ng	#	1
85) Indeno(1,2,3-cd)pyrene	29.02	276	171	6.37	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	193	20.52	ng	#	1
88) Benzo(k)fluoranthene	24.19	252	274	30.70	ng	#	1
89) Benzo(a)pyrene	25.04	252	276	30.62	ng	#	58
90) Dibenzo(a,h)anthracene	29.09	278	88	9.84	ng	#	1
91) Benzo(g,h,i)perylene	30.25	276	61	6.81	ng	#	59

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
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Acq On : 12 Jul 2016 11:25
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Instrument :
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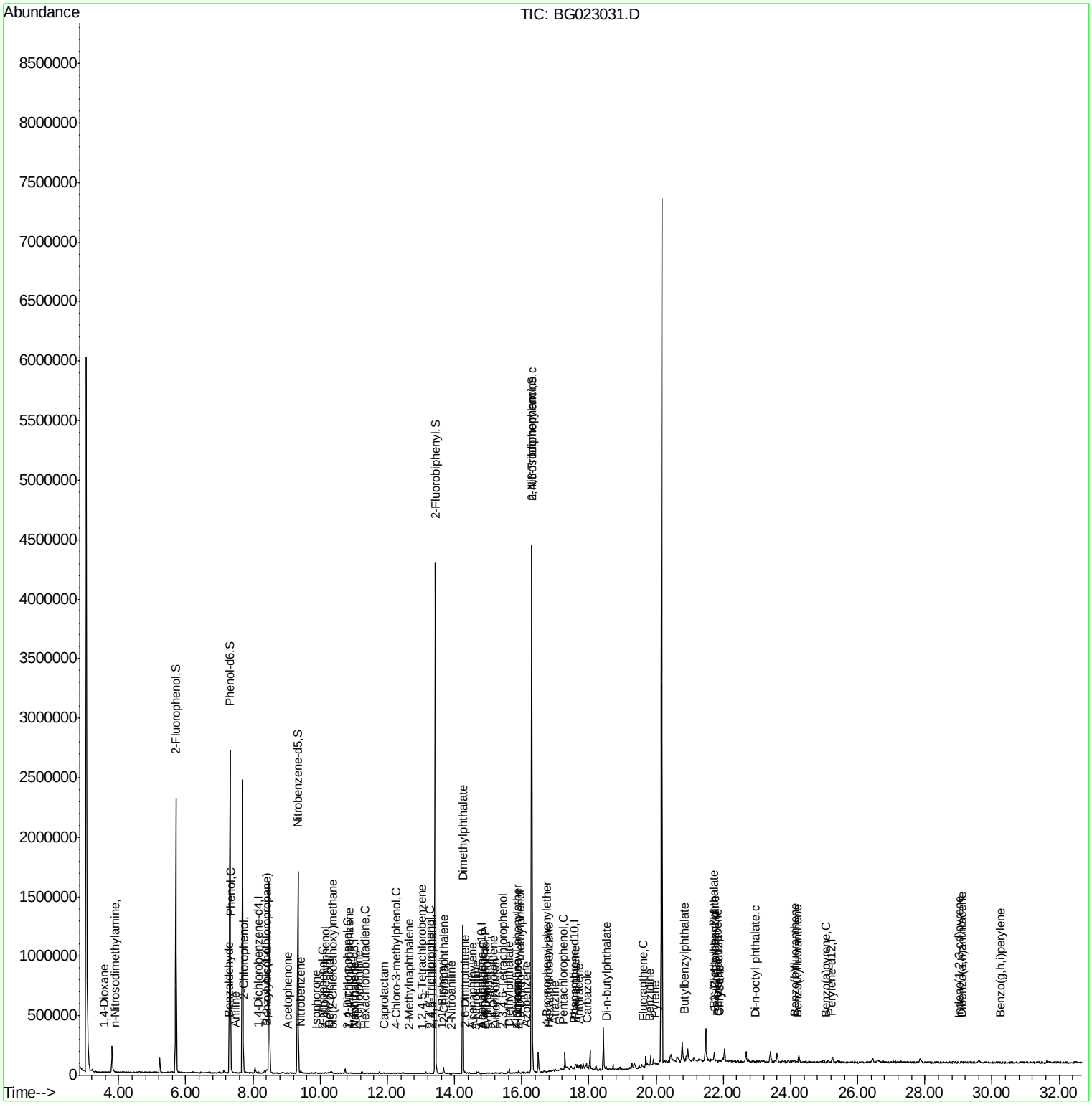
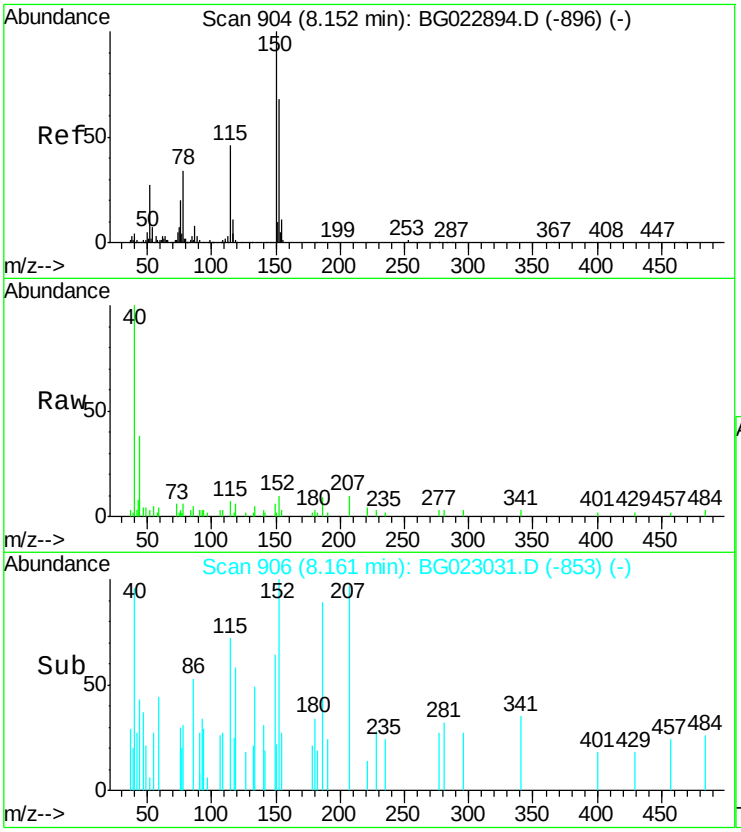


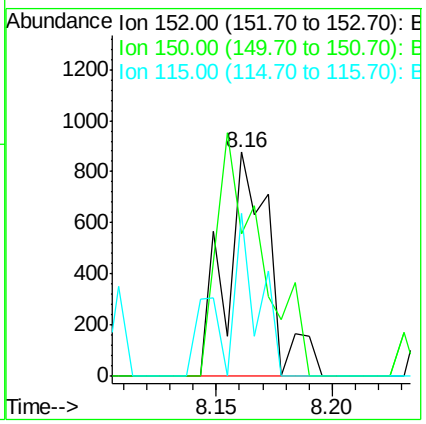


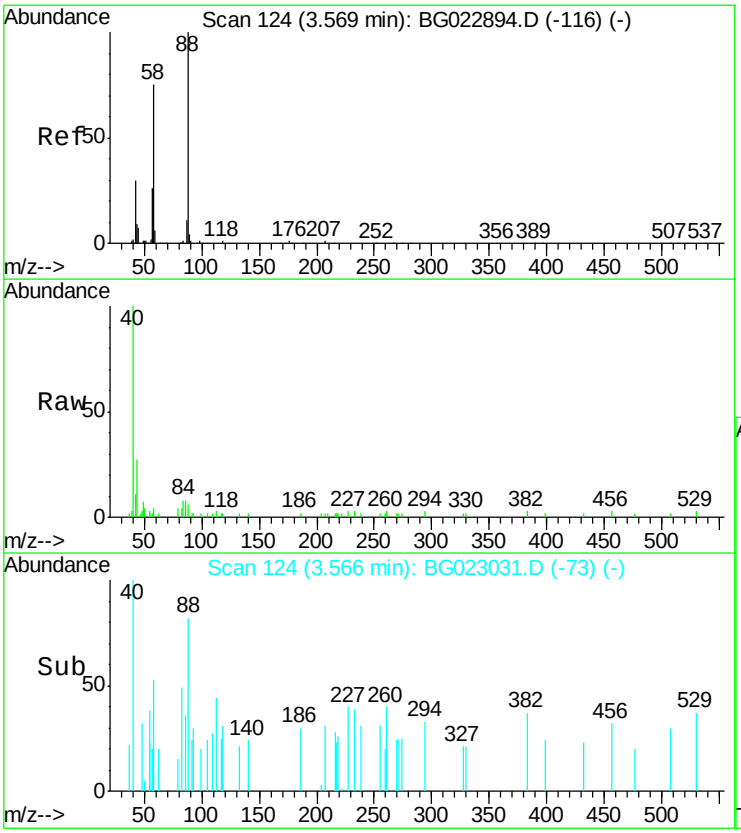
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:152 Resp: 1150

Ion	Ratio	Lower	Upper
152	100		
150	63.7	144.7	217.1#
115	72.4	64.0	96.0

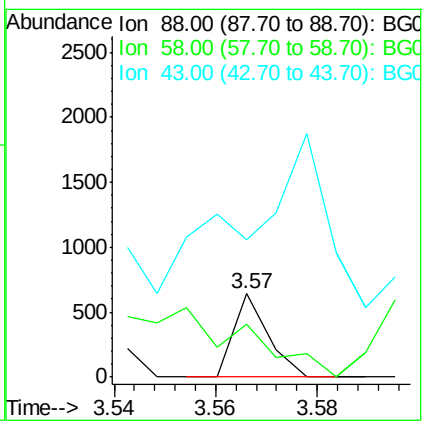


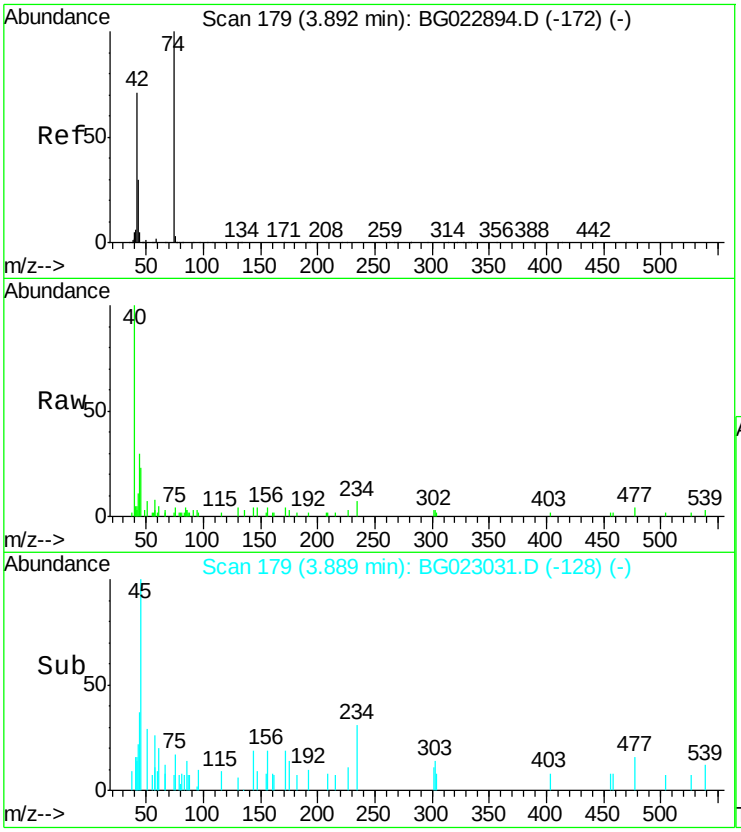


#2
1,4-Dioxane
Concen: 11.01 ng
RT: 3.57 min Scan# 124
Delta R.T. -0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion: 88 Resp: 301

Ion	Ratio	Lower	Upper
88	100		
58	0.0	60.4	90.6#
43	545.5	31.1	46.7#



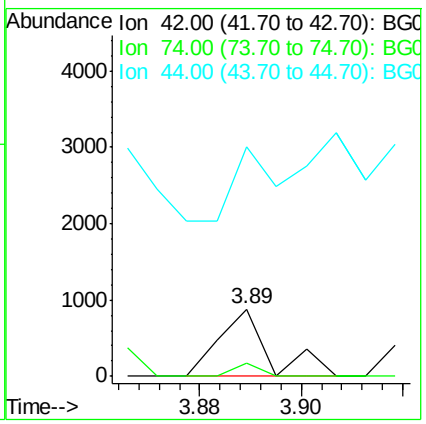


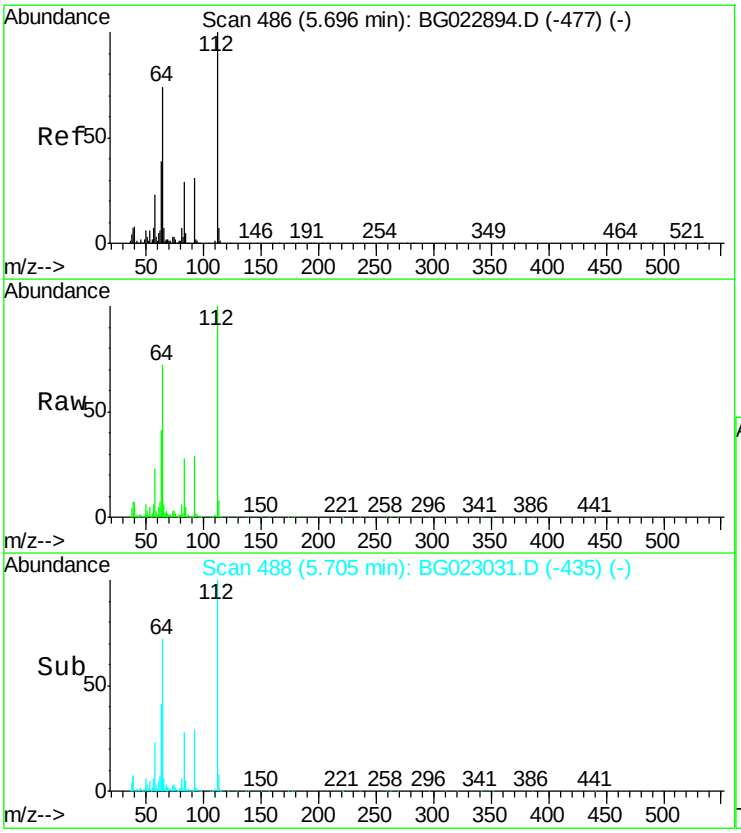
#4
n-Nitrosodimethylamine
Concen: 15.20 ng
RT: 3.89 min Scan# 179
Delta R.T. -0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion: 42 Resp: 610

Ion	Ratio	Lower	Upper
42	100		
74	19.9	100.6	150.8#
44	339.2	4.5	6.7#

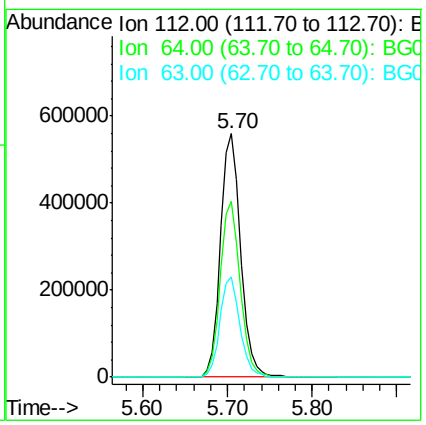


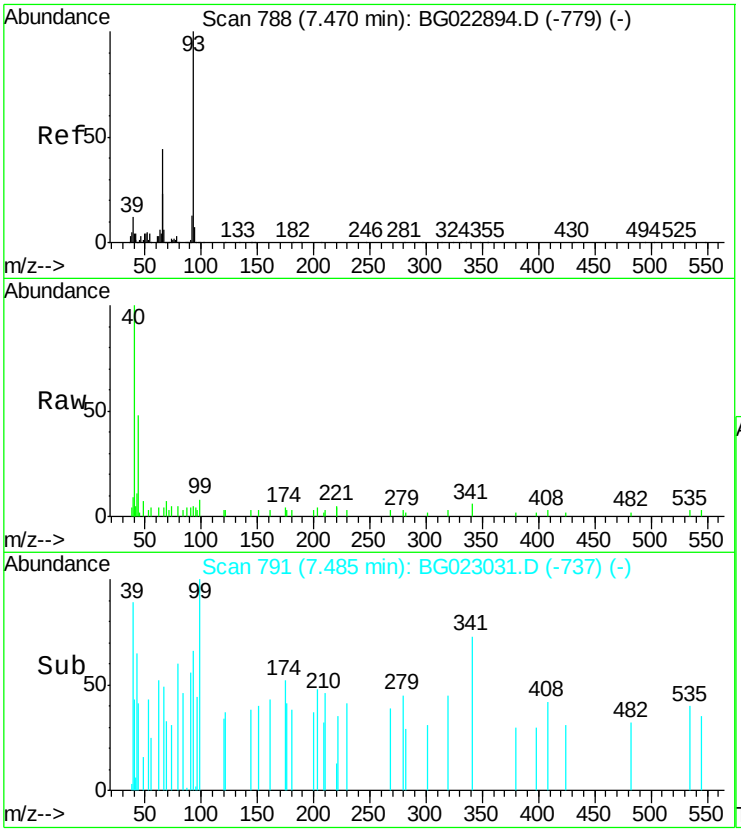


#5
2-Fluorophenol
Concen: 13109.49 ng
RT: 5.70 min Scan# 488
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:112 Resp: 921788

Ion	Ratio	Lower	Upper
112	100		
64	72.2	59.0	88.4
63	41.2	37.8	56.8



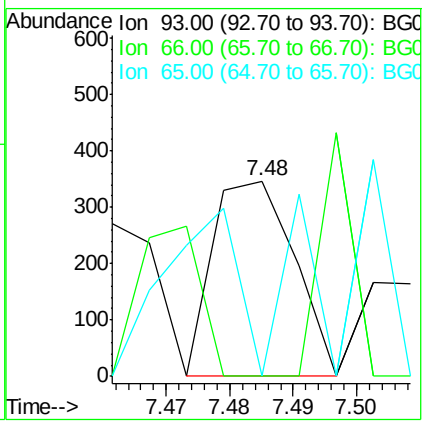


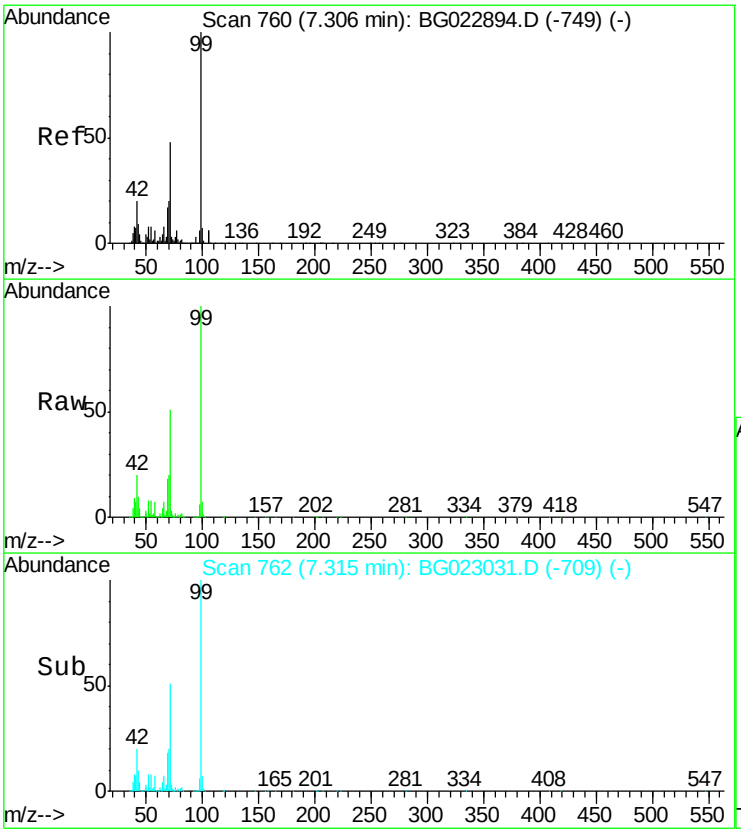
#6
Aniline
Concen: 2.02 ng
RT: 7.48 min Scan# 791
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion: 93 Resp: 308

Ion	Ratio	Lower	Upper
93	100		
66	0.0	37.5	56.3#
65	0.0	17.9	26.9#

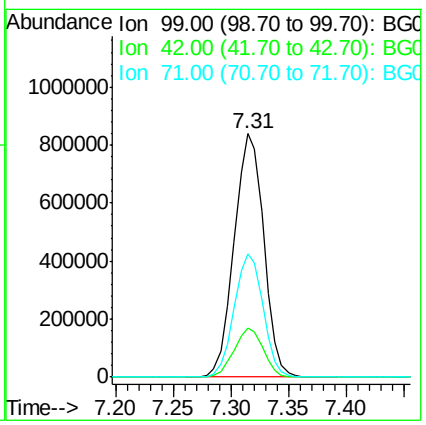


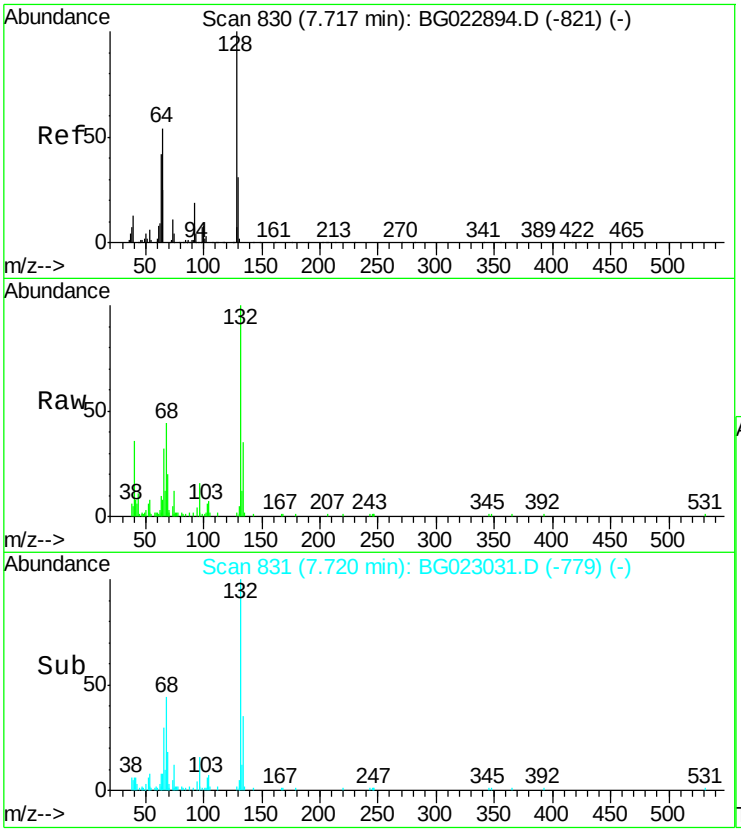


#7
Phenol-d6
Concen: 13526.53 ng
RT: 7.31 min Scan# 762
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion: 99 Resp: 1489668

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.8	26.6
71	50.6	41.5	62.3



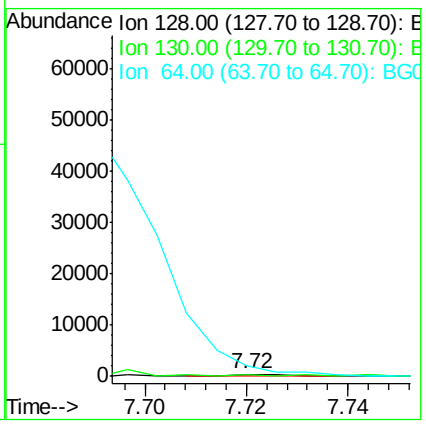


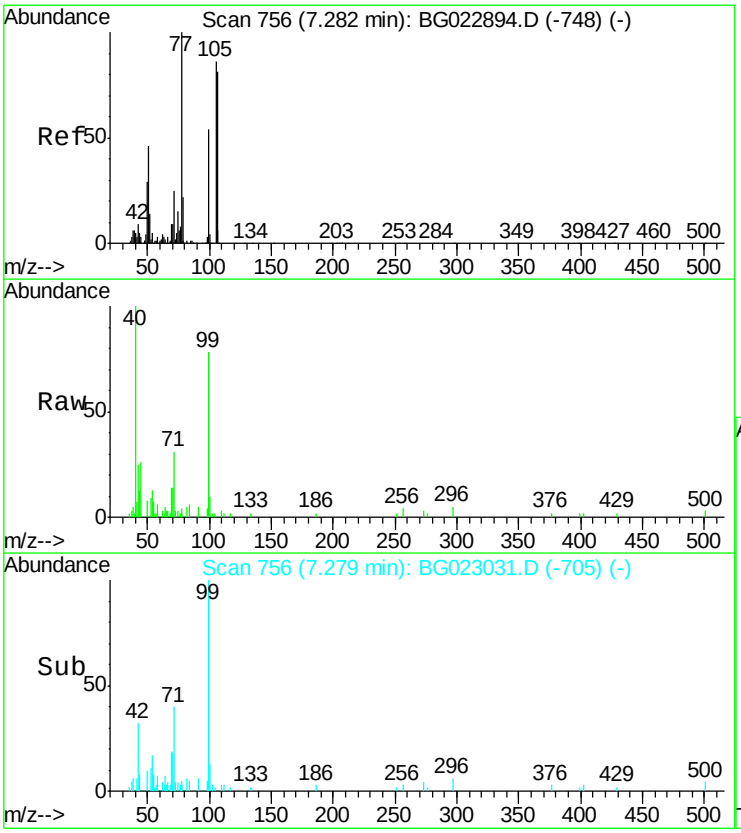
#8
2-Chlorophenol
Concen: 3.82 ng
RT: 7.72 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:128 Resp: 286

Ion	Ratio	Lower	Upper
128	100		
130	70.6	12.9	52.9#
64	545.2	42.0	82.0#

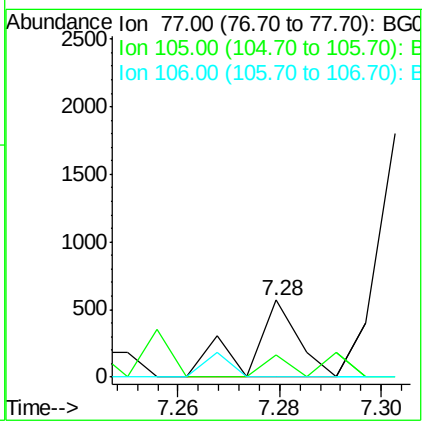


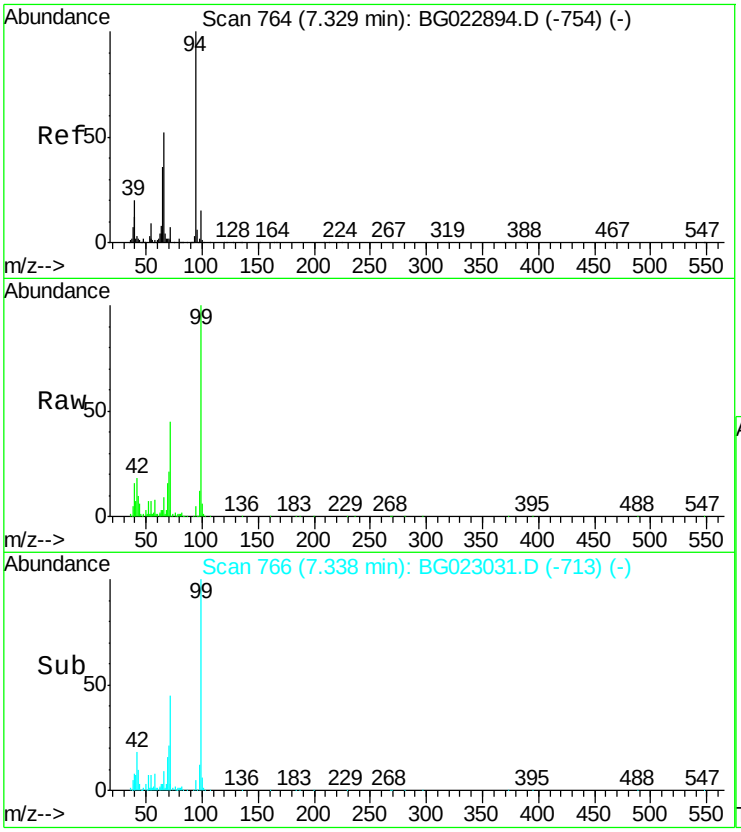


#9
Benzaldehyde
Concen: 5.07 ng
RT: 7.28 min Scan# 756
Delta R.T. -0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion: 77 Resp: 373

Ion	Ratio	Lower	Upper
77	100		
105	28.6	58.7	98.7#
106	0.0	67.5	107.5#



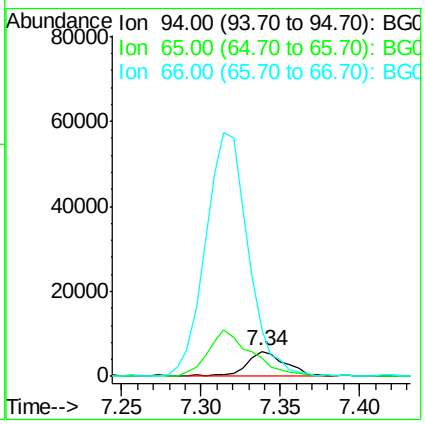


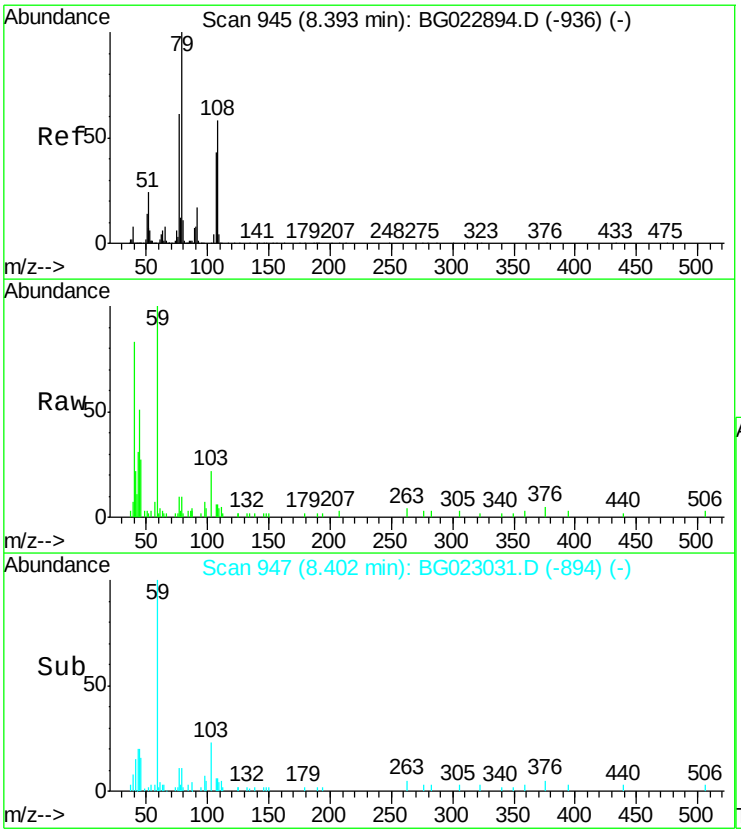
#10
Phenol
Concen: 89.45 ng
RT: 7.34 min Scan# 766
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion: 94 Resp: 10136

Ion	Ratio	Lower	Upper
94	100		
65	71.9	18.1	58.1#
66	190.2	42.1	82.1#

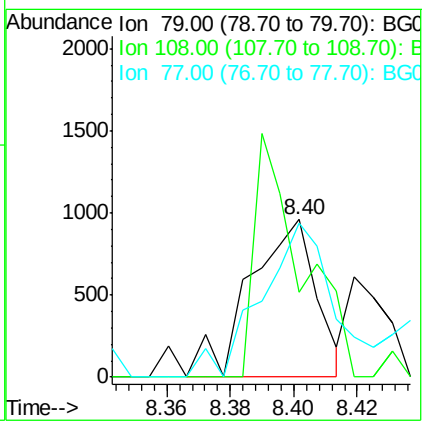


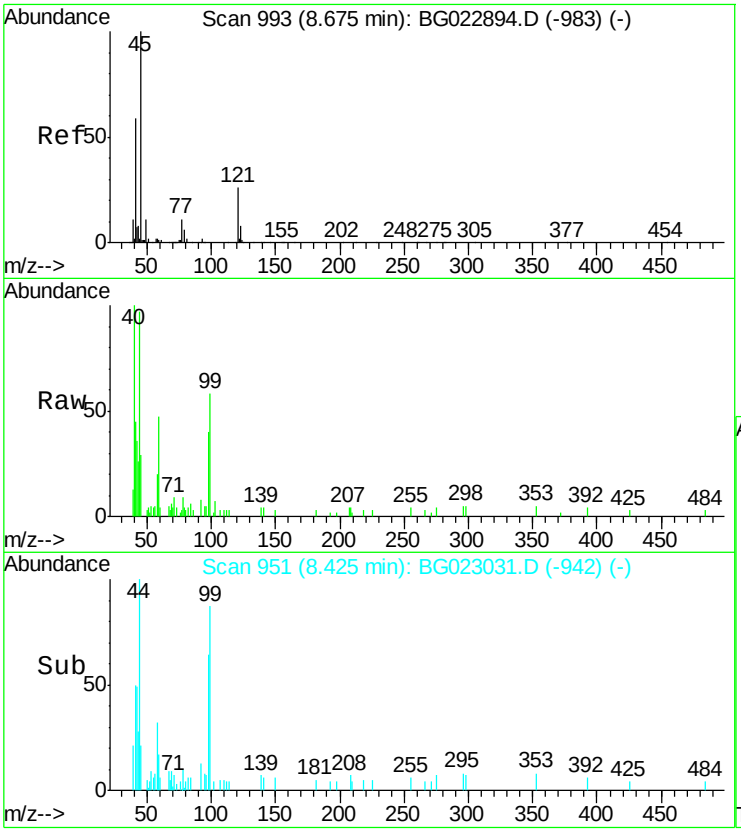


#15
Benzyl Alcohol
Concen: 13.78 ng
RT: 8.40 min Scan# 947
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion: 79 Resp: 1390

Ion	Ratio	Lower	Upper
79	100		
108	53.9	46.5	69.7
77	97.8	52.3	78.5#



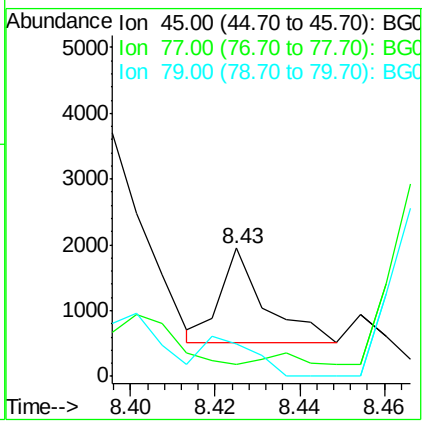


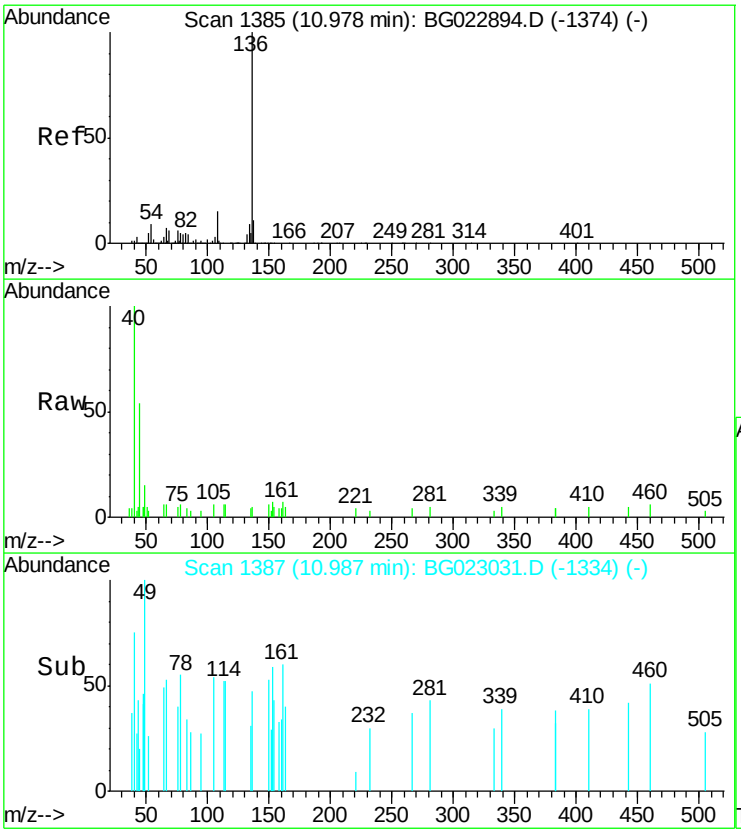
#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.64 ng
RT: 8.43 min Scan# 951
Delta R.T. -0.25 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion: 45 Resp: 1058

Ion	Ratio	Lower	Upper
45	100		
77	9.4	0.6	40.6
79	24.9	0.0	36.2

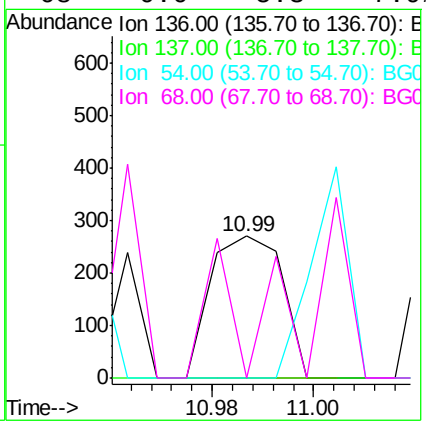


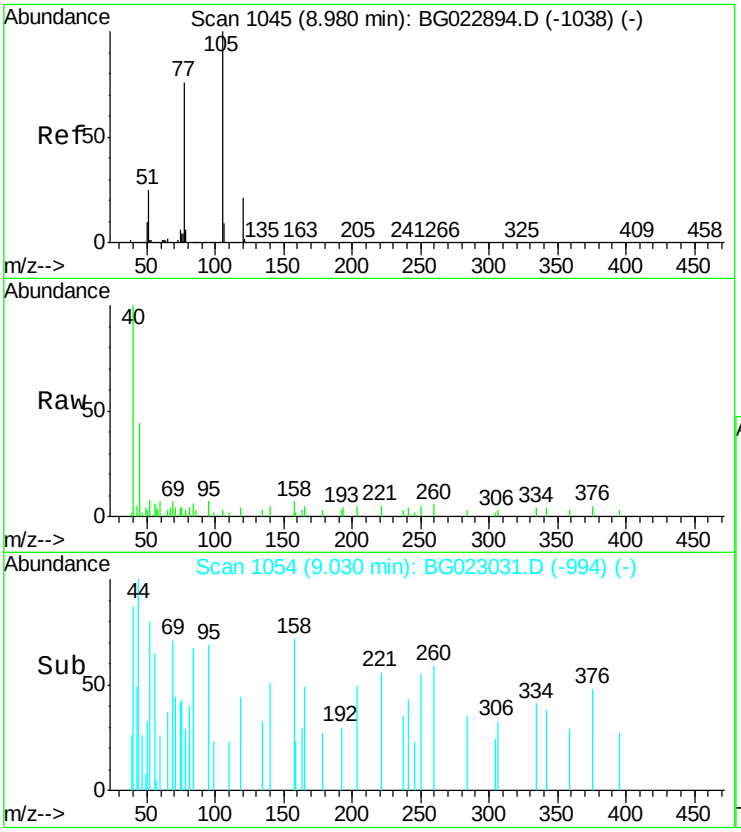


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:136 Resp: 264

Ion	Ratio	Lower	Upper
136	100		
137	0.0	9.6	14.4#
54	0.0	7.3	10.9#
68	0.0	5.3	7.9#



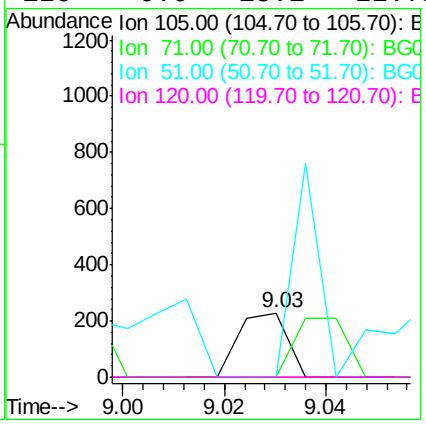


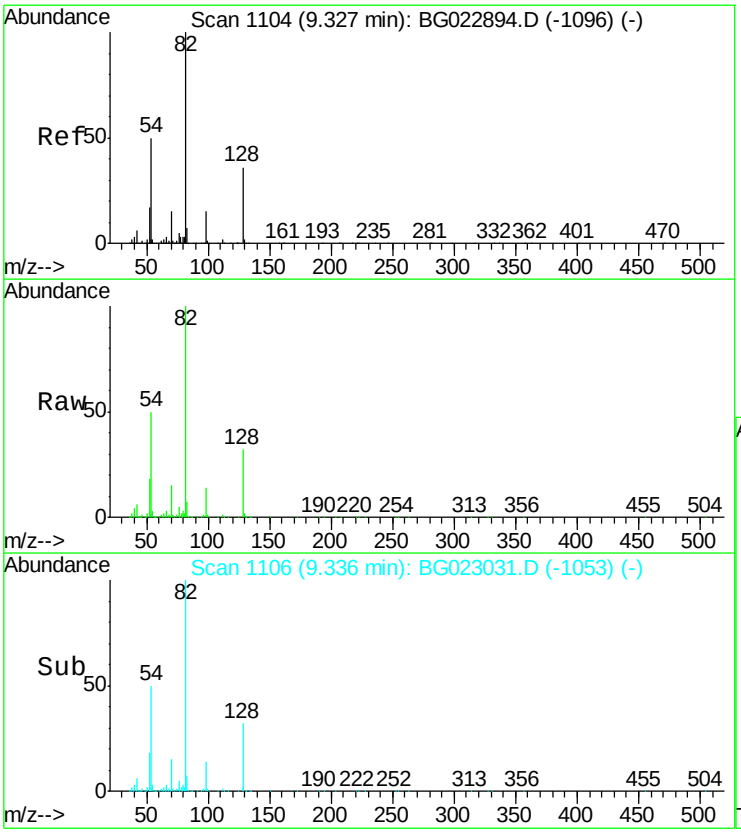
#22
Acetophenone
Concen: 19.44 ng
RT: 9.03 min Scan# 1054
Delta R.T. 0.05 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:105 Resp: 154

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.6	3.8#
51	0.0	27.1	40.7#
120	0.0	15.1	22.7#

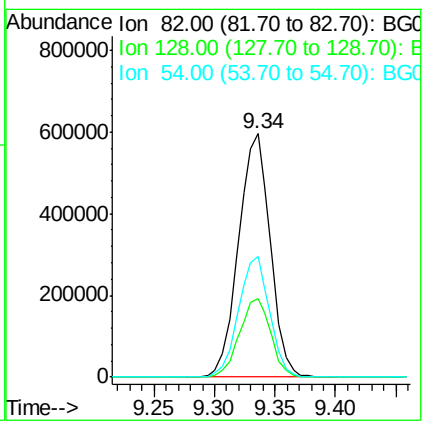


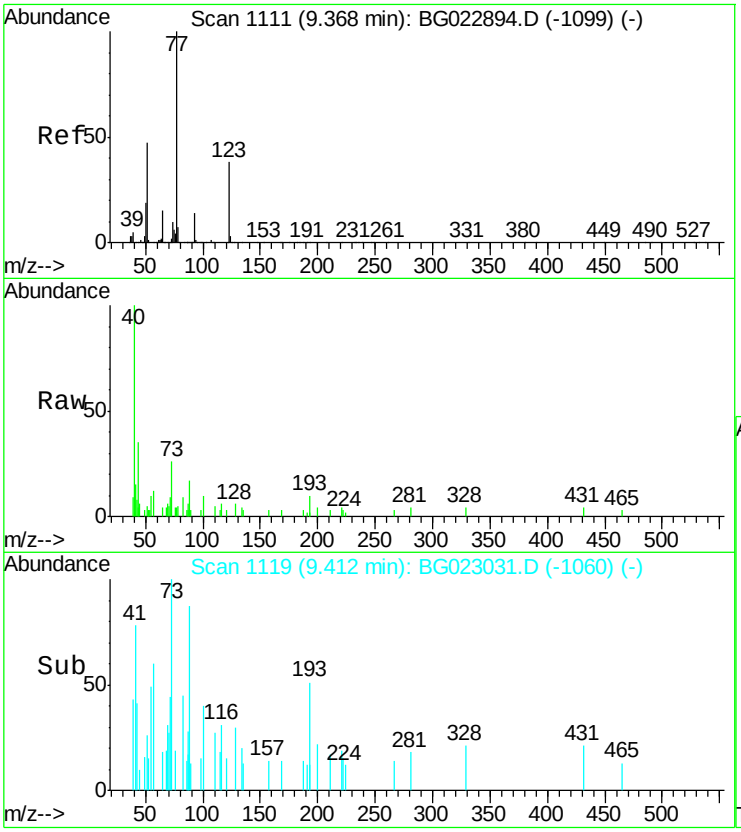


#23
Nitrobenzene-d5
Concen: 176189.11 ng
RT: 9.34 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion: 82 Resp: 1086284

Ion	Ratio	Lower	Upper
82	100		
128	32.1	24.4	36.6
54	49.7	41.4	62.0



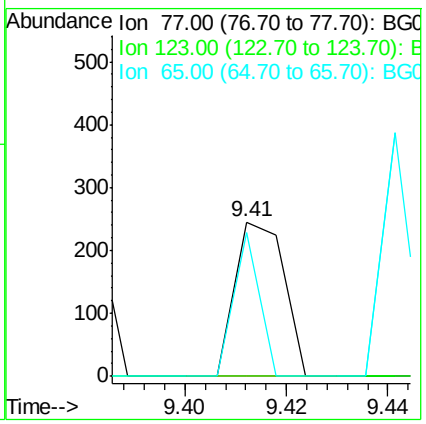


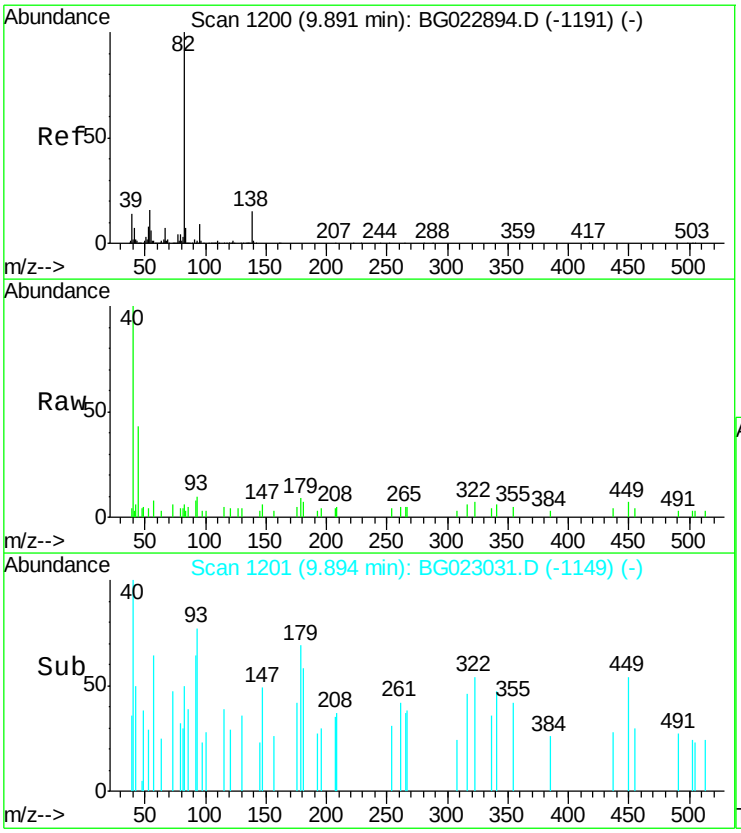
#24
Nitrobenzene
Concen: 25.19 ng
RT: 9.41 min Scan# 1119
Delta R.T. 0.04 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion: 77 Resp: 165

Ion	Ratio	Lower	Upper
77	100		
123	0.0	25.0	37.6#
65	93.1	13.4	20.0#

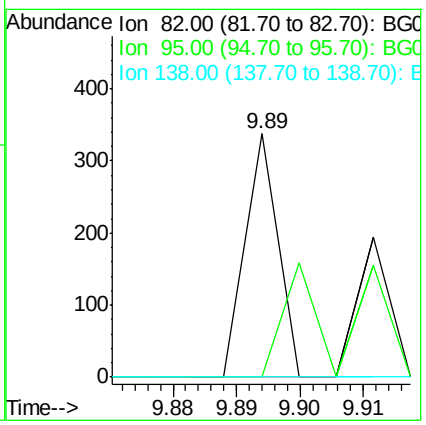


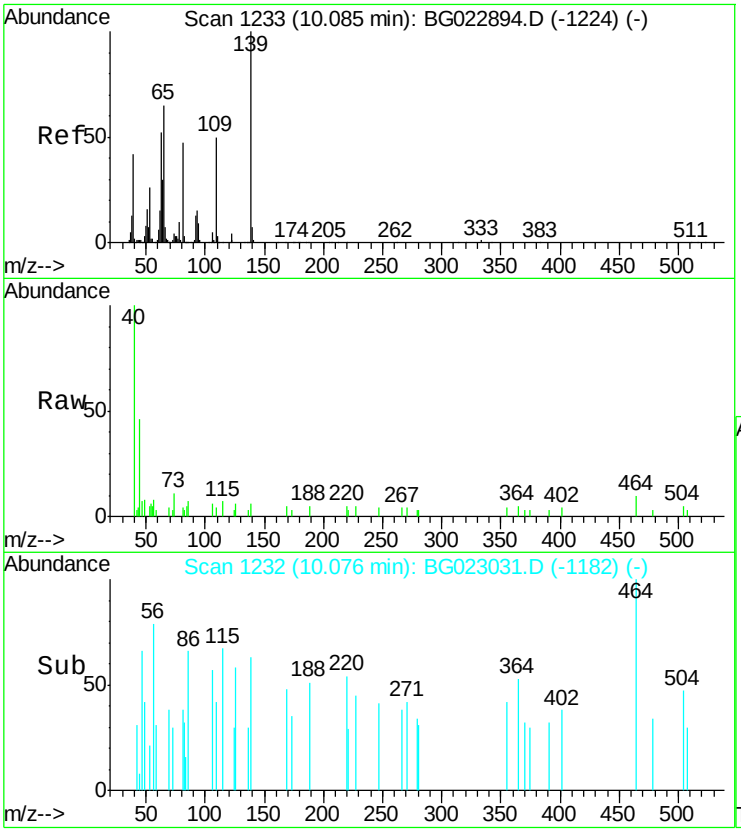


#25
Isophorone
Concen: 9.60 ng
RT: 9.89 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion: 82 Resp: 119

Ion	Ratio	Lower	Upper
82	100		
95	0.0	8.2	12.2#
138	0.0	10.7	16.1#



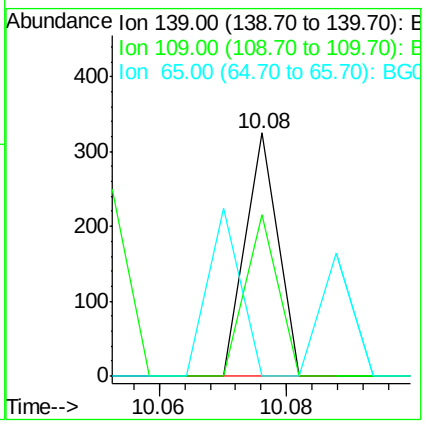


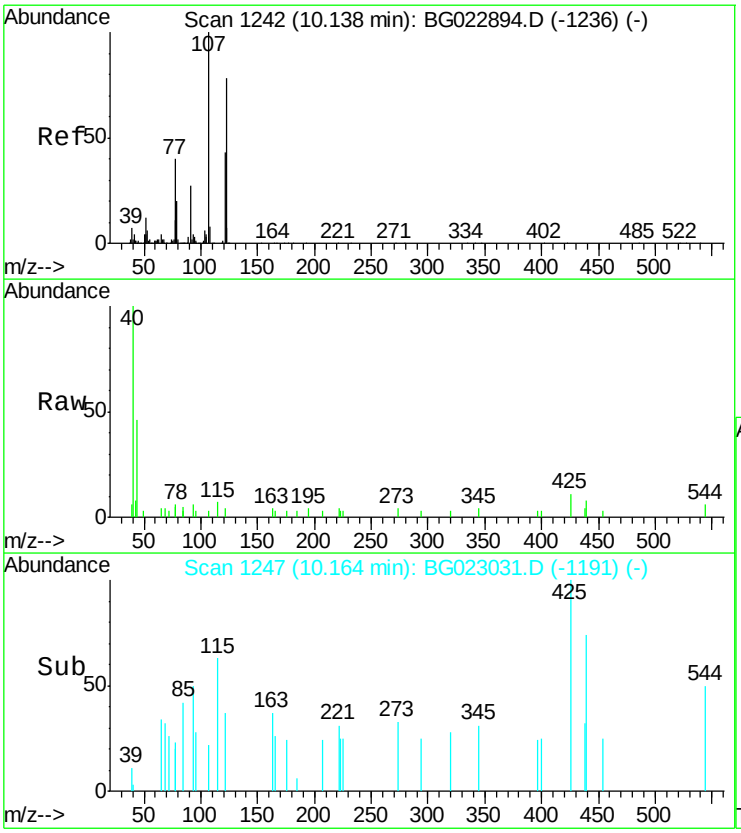
#26
2-Nitrophenol
Concen: 44.74 ng
RT: 10.08 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:139 Resp: 115

Ion	Ratio	Lower	Upper
139	100		
109	66.2	43.5	65.3#
65	0.0	64.3	96.5#

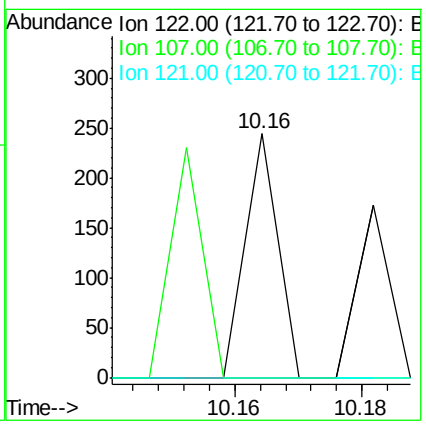


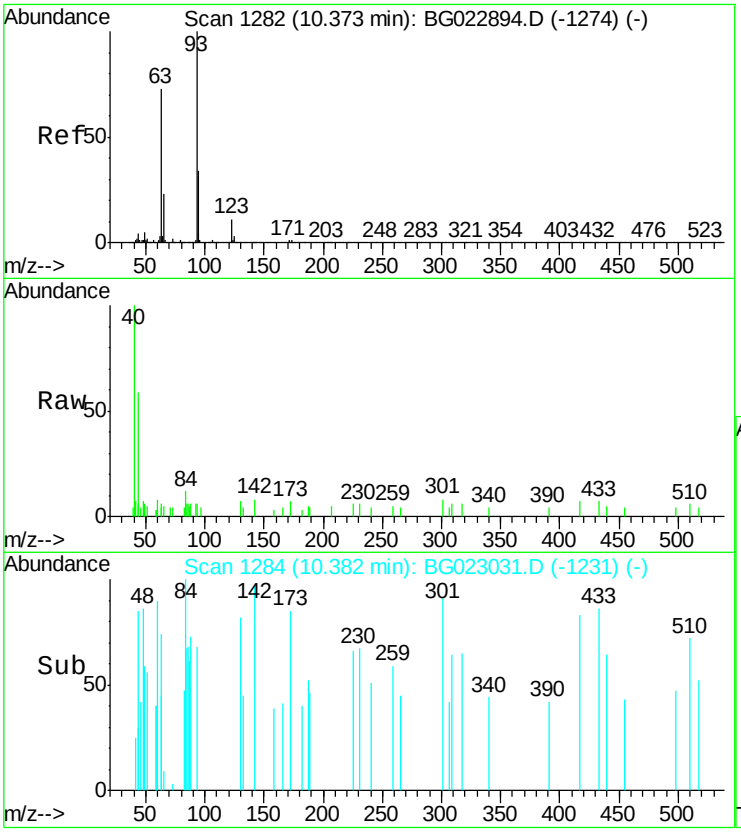


#27
2,4-Dimethylphenol
Concen: 19.35 ng
RT: 10.16 min Scan# 1247
Delta R.T. 0.03 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:122 Resp: 86

Ion	Ratio	Lower	Upper
122	100		
107	0.0	117.0	175.4#
121	100.0	50.1	75.1#



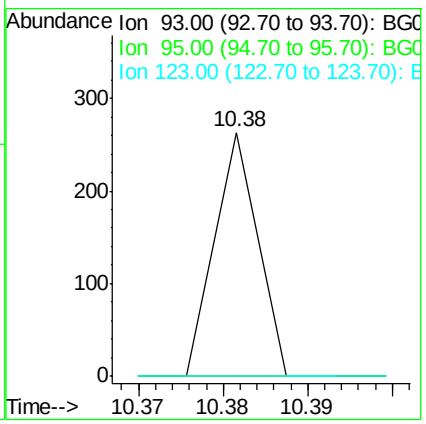


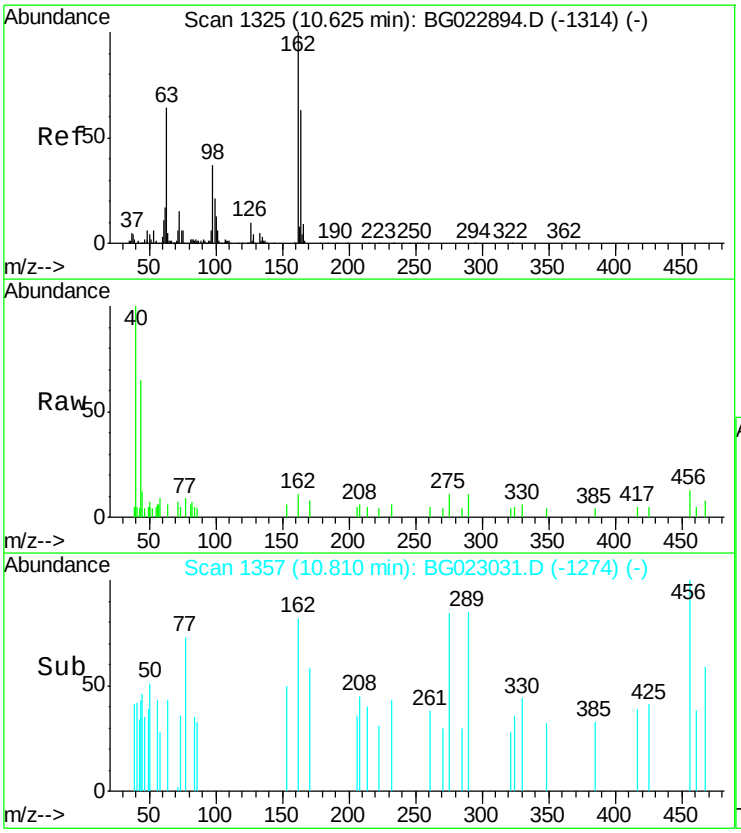
#28
bis(2-Chloroethoxy)methane
Concen: 13.45 ng
RT: 10.38 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion: 93 Resp: 93

Ion	Ratio	Lower	Upper
93	100		
95	0.0	25.4	38.2#
123	0.0	8.2	12.2#

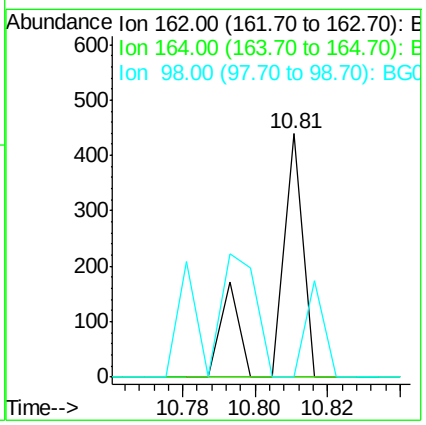


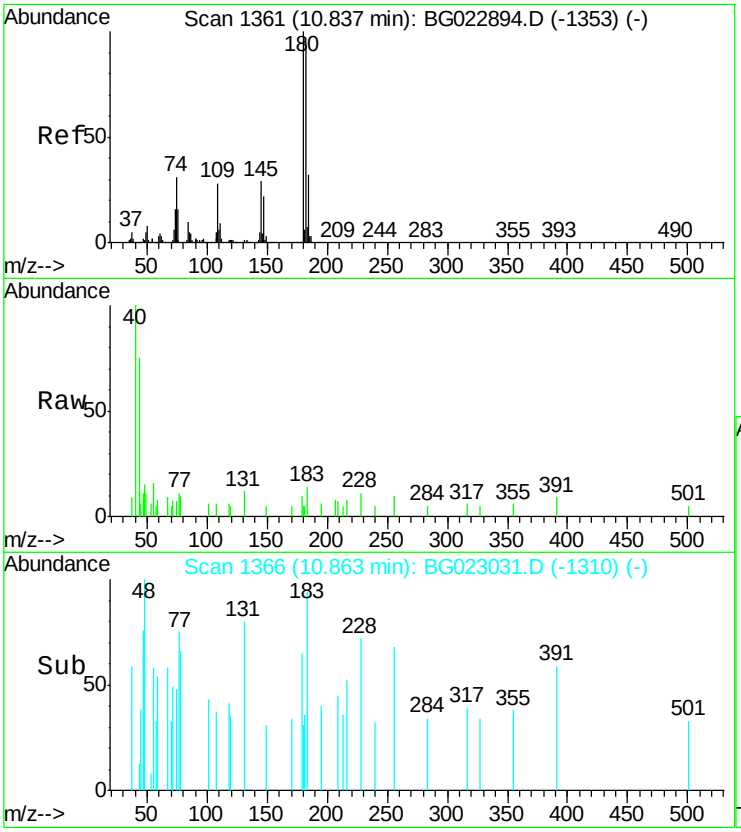


#29
2,4-Dichlorophenol
Concen: 45.36 ng
RT: 10.81 min Scan# 1357
Delta R.T. 0.19 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:162 Resp: 215

Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.3	84.3#
98	0.0	19.5	59.5#



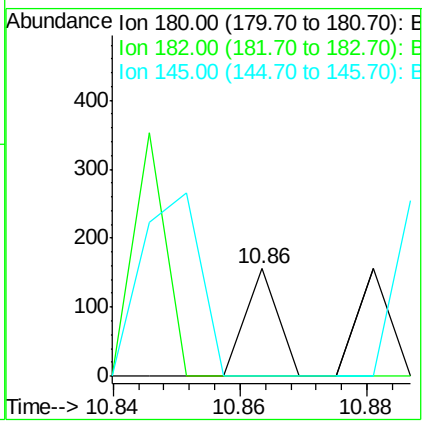


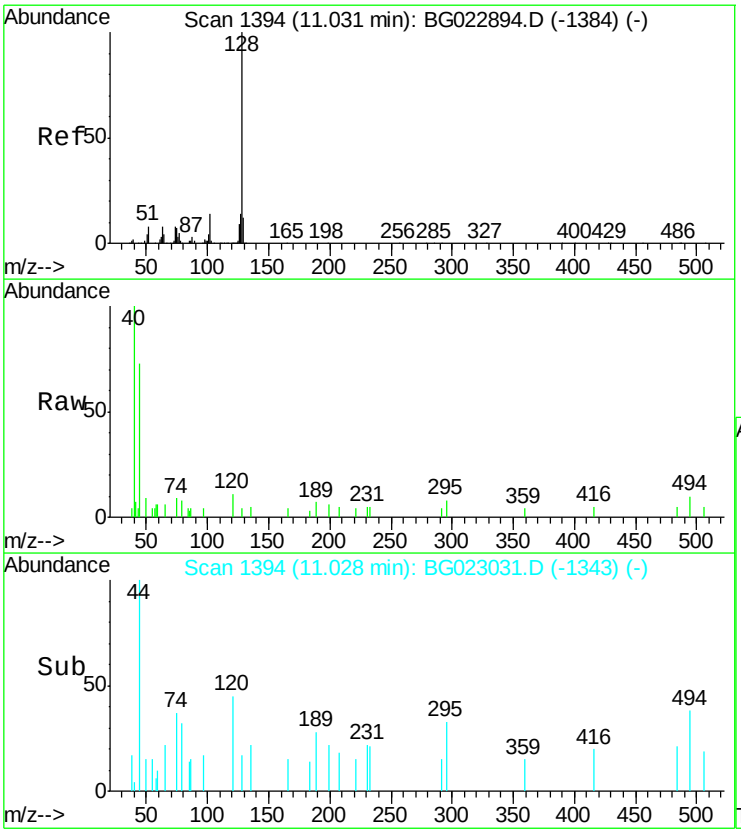
#30
1,2,4-Trichlorobenzene
Concen: 10.13 ng
RT: 10.86 min Scan# 1366
Delta R.T. 0.03 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:180 Resp: 55

Ion	Ratio	Lower	Upper
180	100		
182	0.0	73.8	110.8#
145	0.0	24.4	36.6#

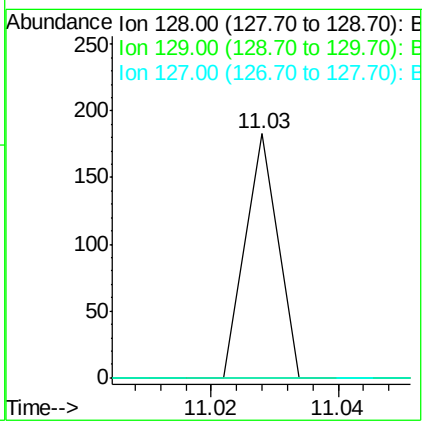


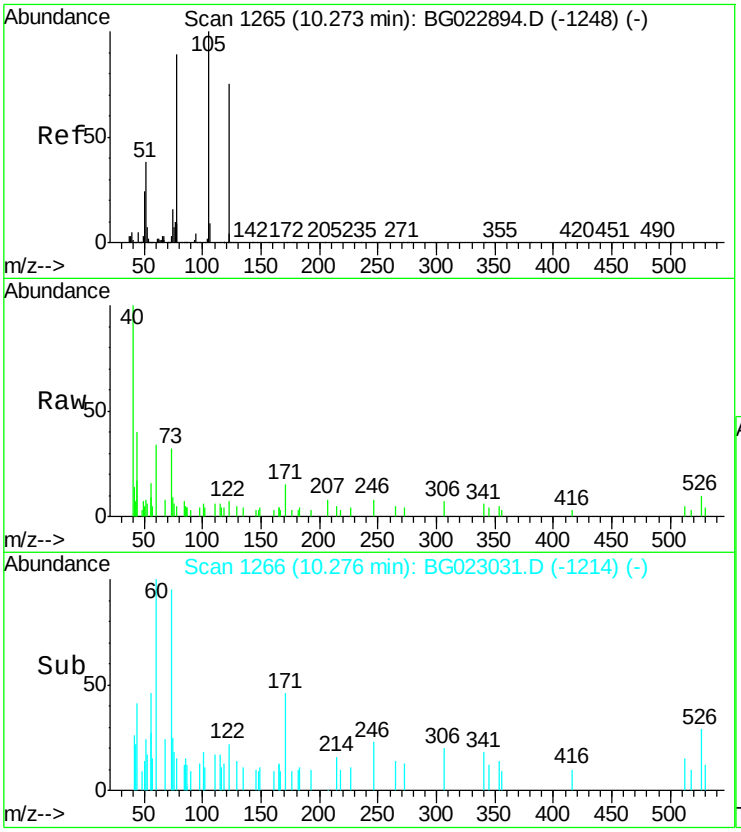


#31
Naphthalene
Concen: 4.84 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:128 Resp: 65

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.4	14.0#
127	0.0	11.3	16.9#



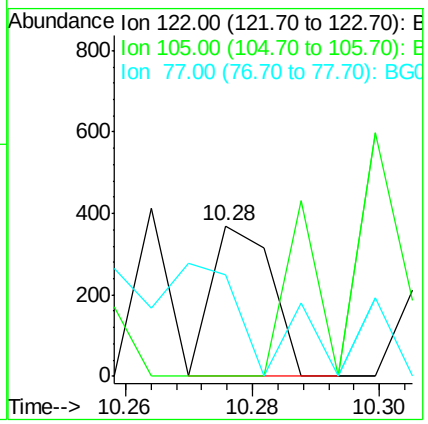


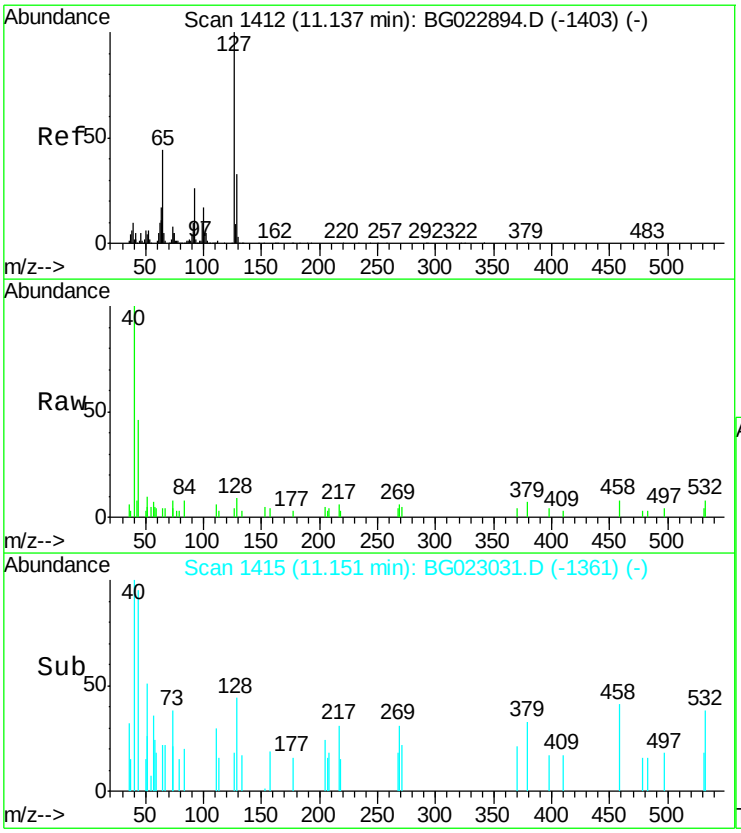
#32
Benzoic acid
Concen: 59.61 ng
RT: 10.28 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:122 Resp: 241

Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	67.6	109.2	149.2#

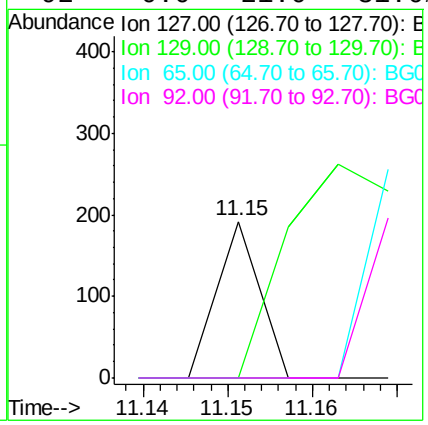


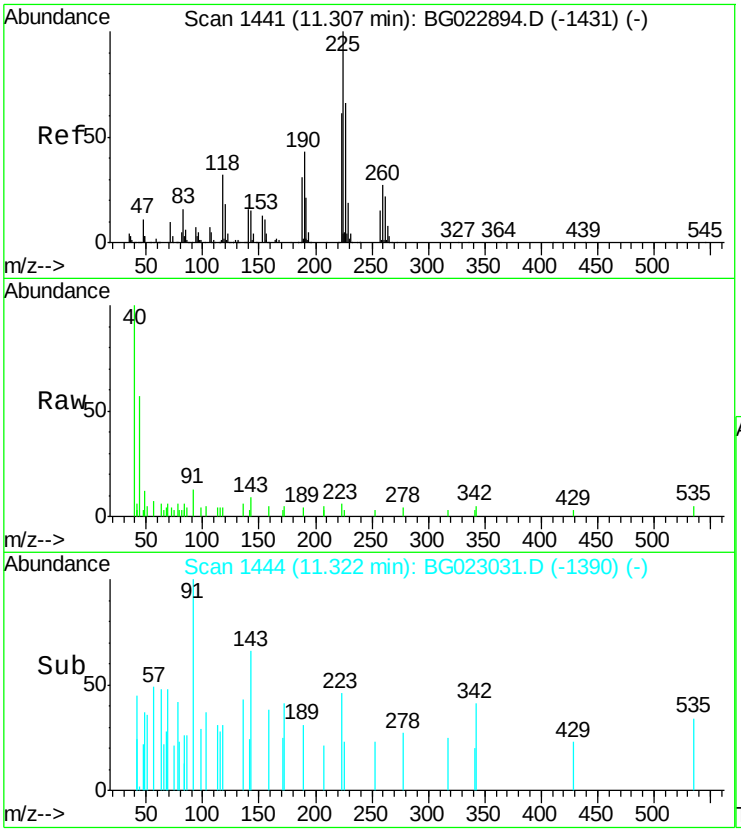


#33
4-Chloroaniline
Concen: 10.35 ng
RT: 11.15 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:127 Resp: 68

Ion	Ratio	Lower	Upper
127	100		
129	0.0	27.9	41.9#
65	0.0	36.8	55.2#
92	0.0	21.0	31.6#



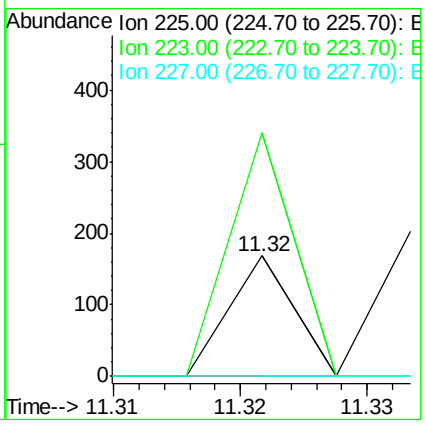


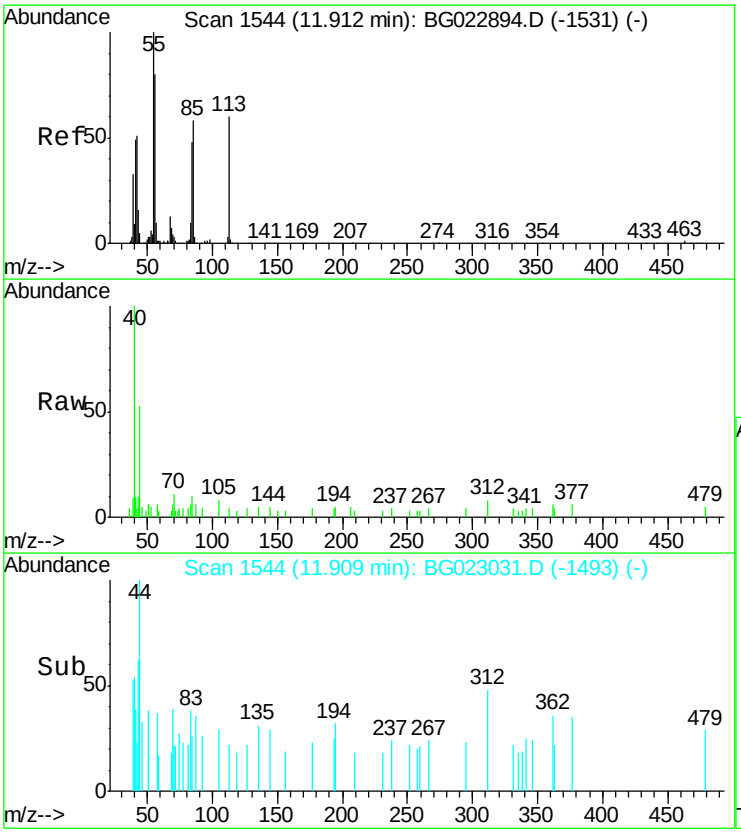
#34
Hexachlorobutadiene
Concen: 13.40 ng
RT: 11.32 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:225 Resp: 59

Ion	Ratio	Lower	Upper
225	100		
223	202.4	49.6	74.4#
227	0.0	54.5	81.7#

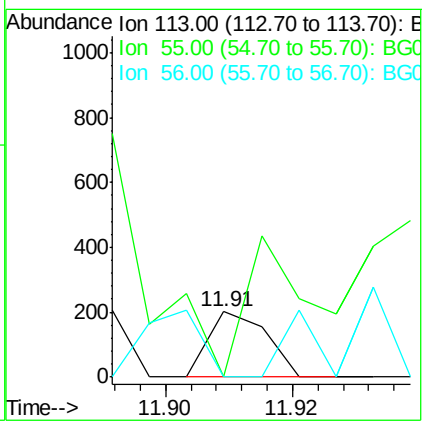


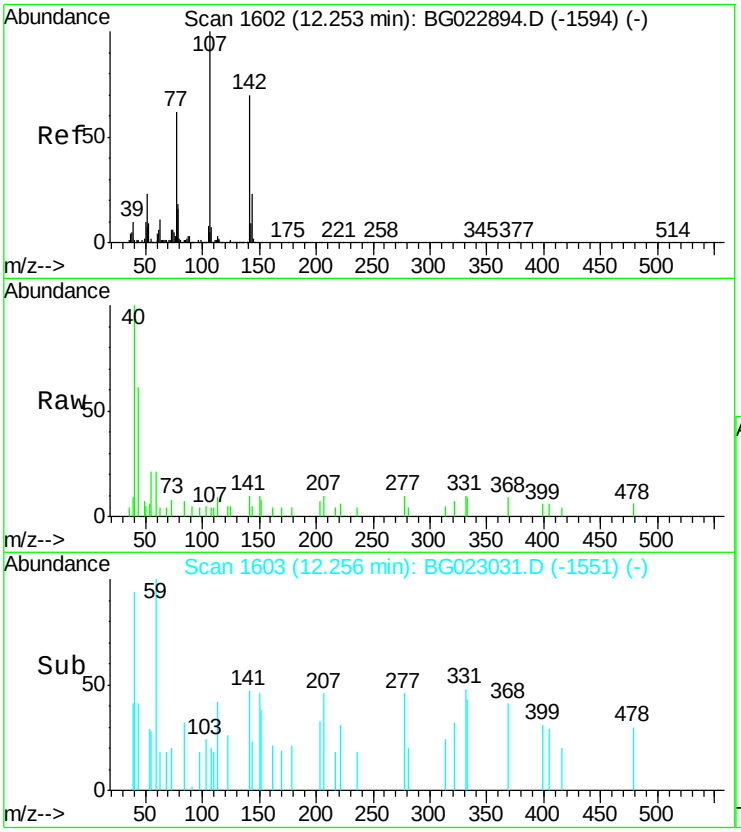


#35
Caprolactam
Concen: 64.62 ng
RT: 11.91 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:113 Resp: 126

Ion	Ratio	Lower	Upper
113	100		
55	0.0	154.5	194.5#
56	0.0	125.1	165.1#



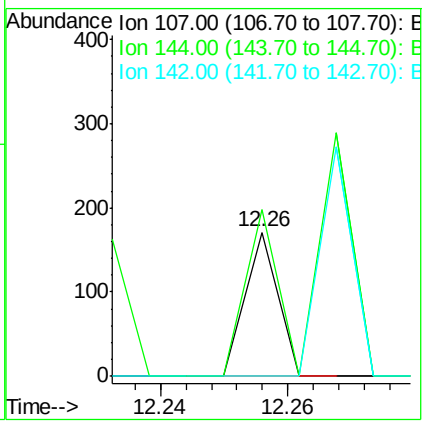


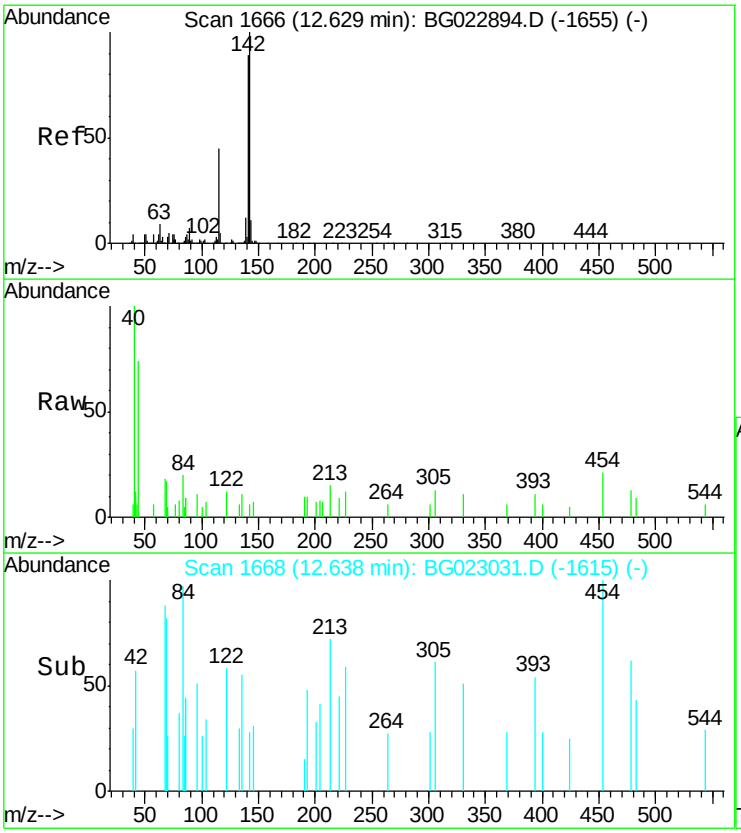
#36
4-Chloro-3-methylphenol
Concen: 9.26 ng
RT: 12.26 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:107 Resp: 60

Ion	Ratio	Lower	Upper
107	100		
144	115.8	17.0	25.6#
142	0.0	53.0	79.6#

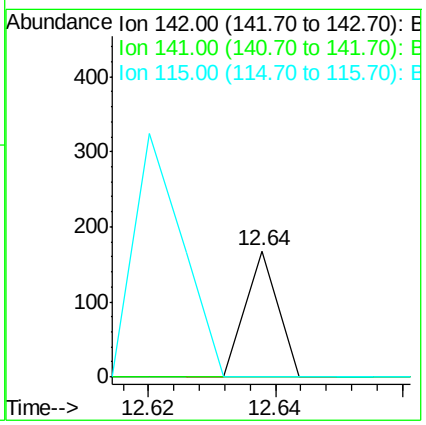


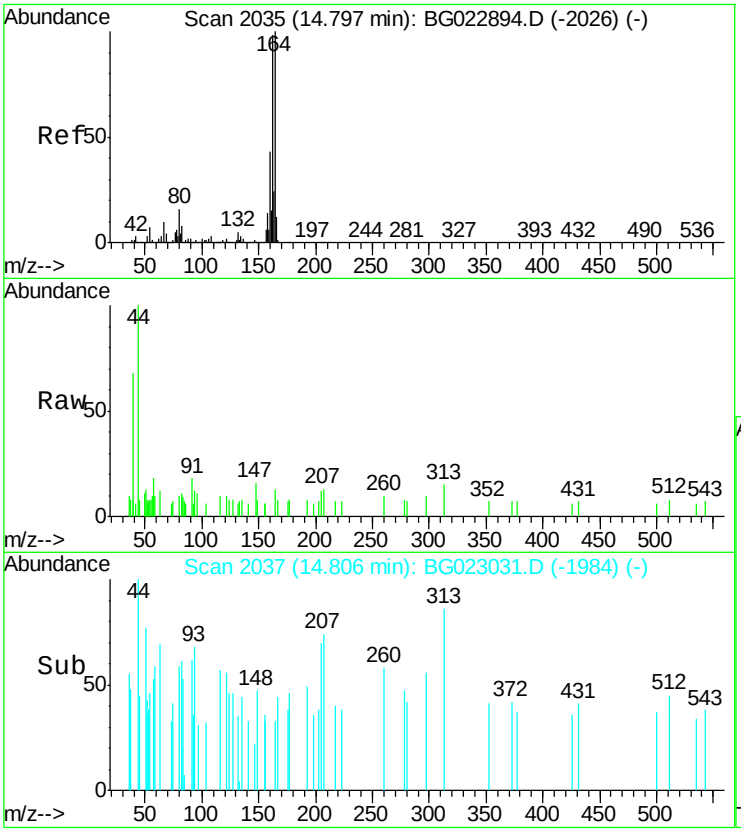


#37
2-Methylnaphthalene
Concen: 5.55 ng
RT: 12.64 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:142 Resp: 59

Ion	Ratio	Lower	Upper
142	100		
141	0.0	70.2	105.2#
115	0.0	41.7	62.5#



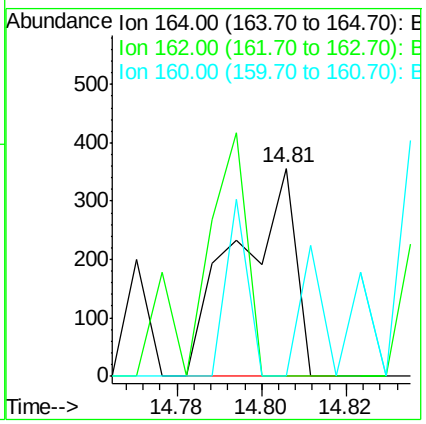


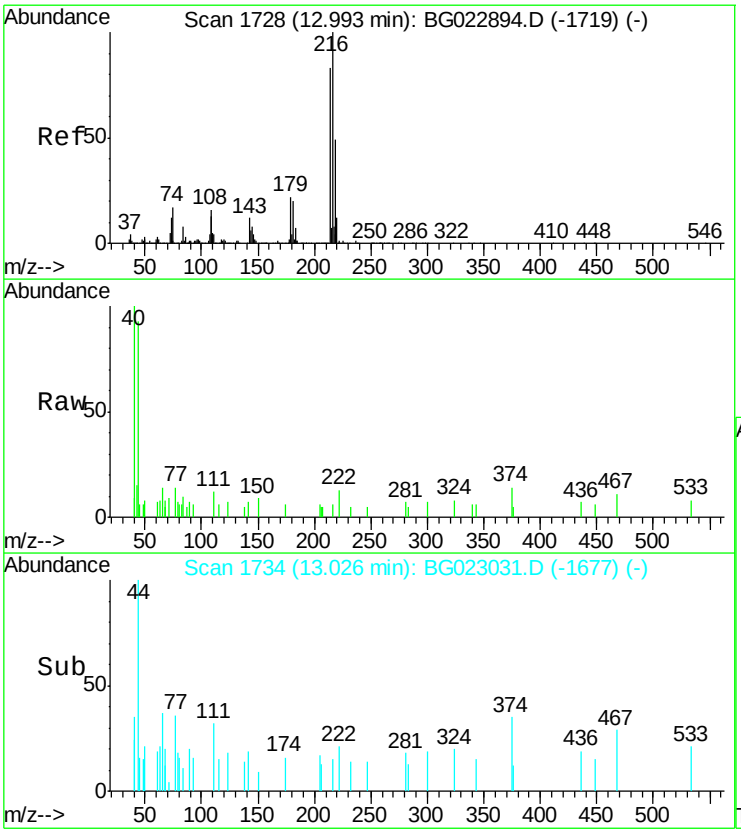
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:164 Resp: 344

Ion	Ratio	Lower	Upper
164	100		
162	0.0	87.7	131.5#
160	0.0	37.2	55.8#

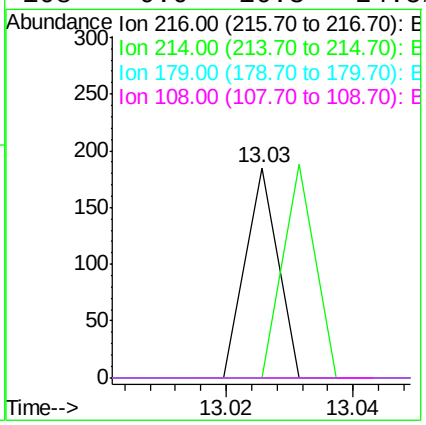


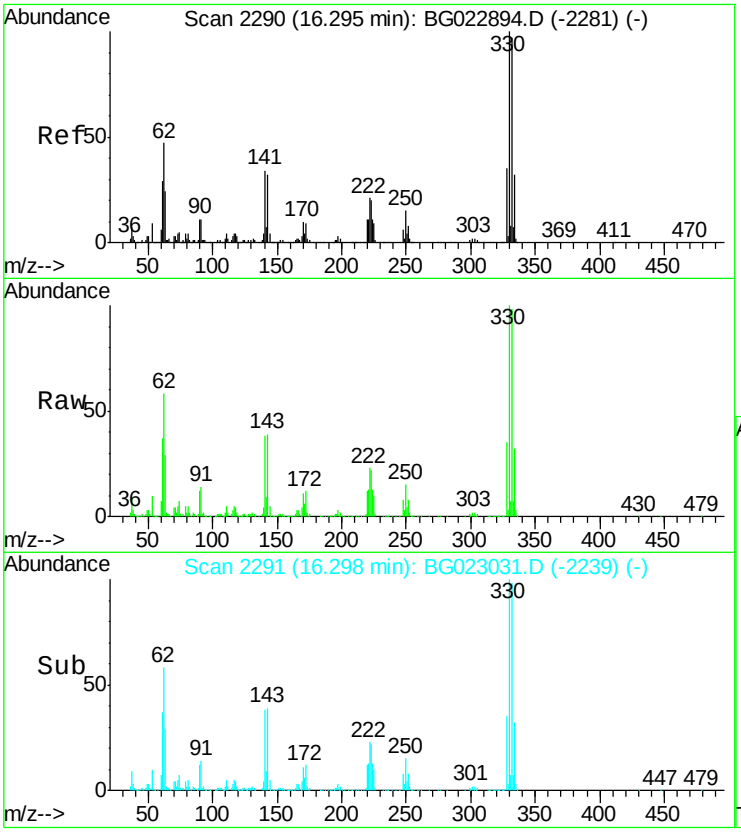


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.38 ng
RT: 13.03 min Scan# 1734
Delta R.T. 0.03 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:216 Resp: 65

Ion	Ratio	Lower	Upper
216	100		
214	101.5	62.9	94.3#
179	0.0	17.2	25.8#
108	0.0	16.3	24.5#



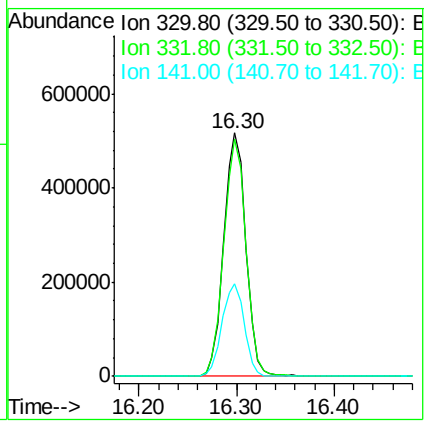


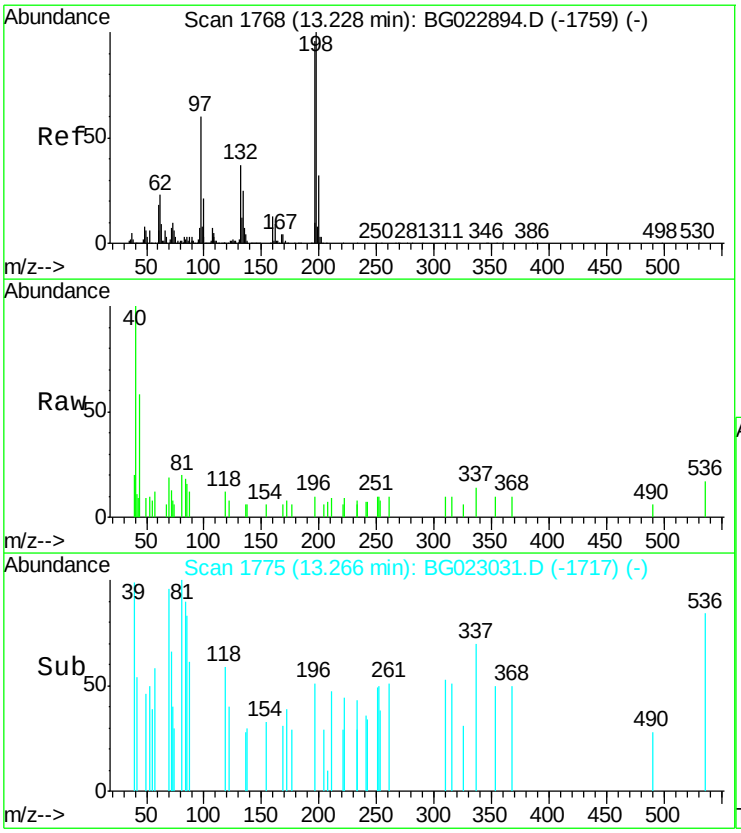
#41
2,4,6-Tribromophenol
Concen: 131374.82 ng
RT: 16.30 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:330 Resp: 812226

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.4	116.2
141	38.4	31.7	47.5

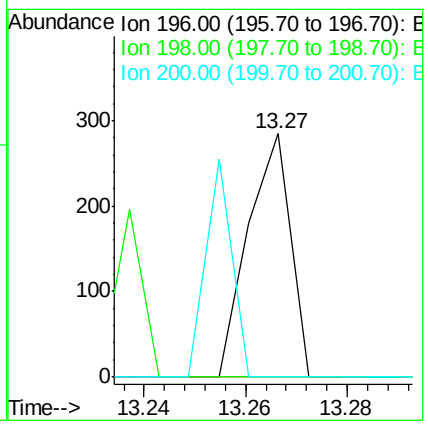


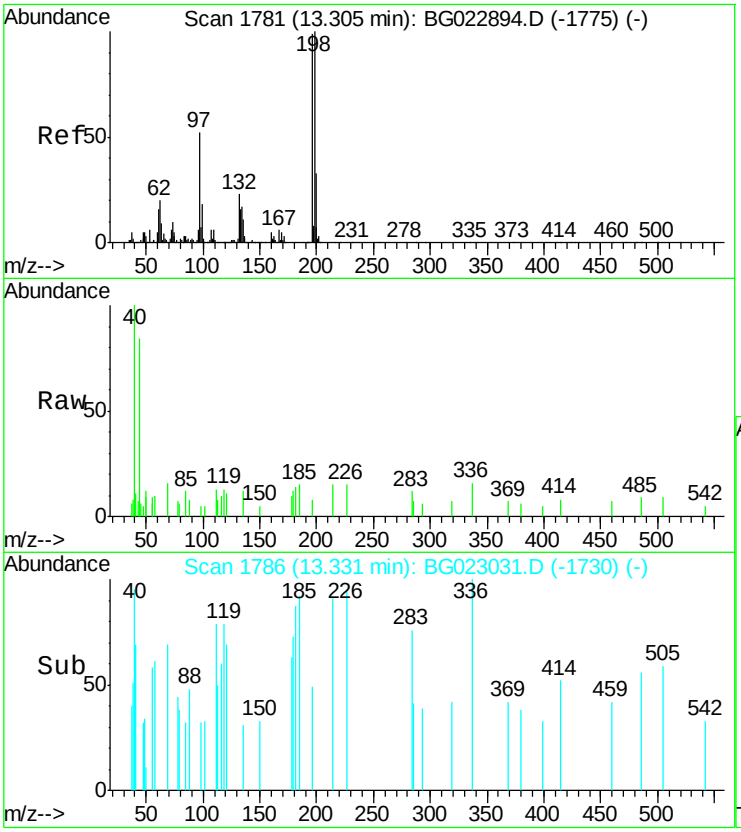


#42
2,4,6-Trichlorophenol
Concen: 19.25 ng
RT: 13.27 min Scan# 1775
Delta R.T. 0.04 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:196 Resp: 164

Ion	Ratio	Lower	Upper
196	100		
198	0.0	78.2	117.2#
200	0.0	27.0	40.4#



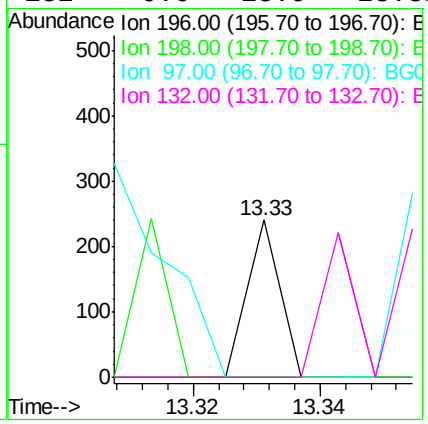


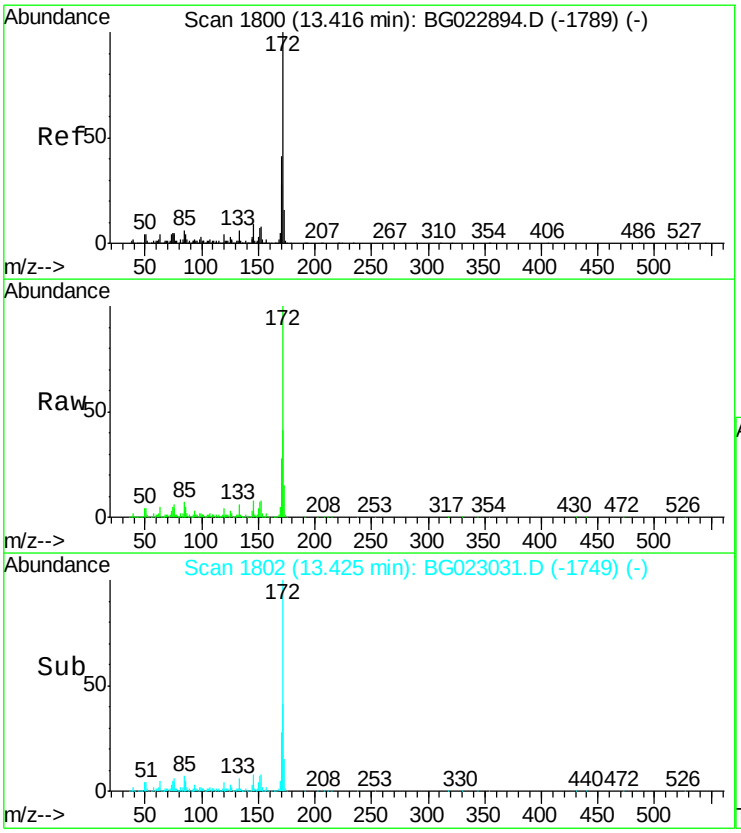
#43
2,4,5-Trichlorophenol
Concen: 9.71 ng
RT: 13.33 min Scan# 1786
Delta R.T. 0.03 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:196 Resp: 85

Ion	Ratio	Lower	Upper
196	100		
198	0.0	85.7	128.5#
97	0.0	45.5	68.3#
132	0.0	18.9	28.3#

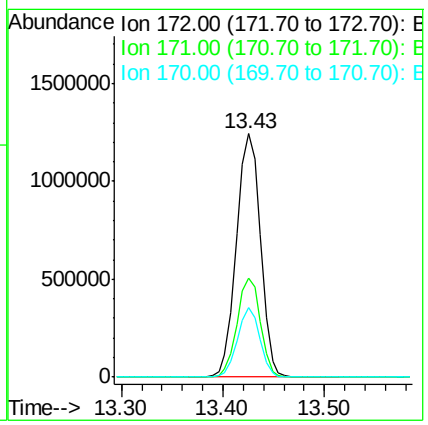


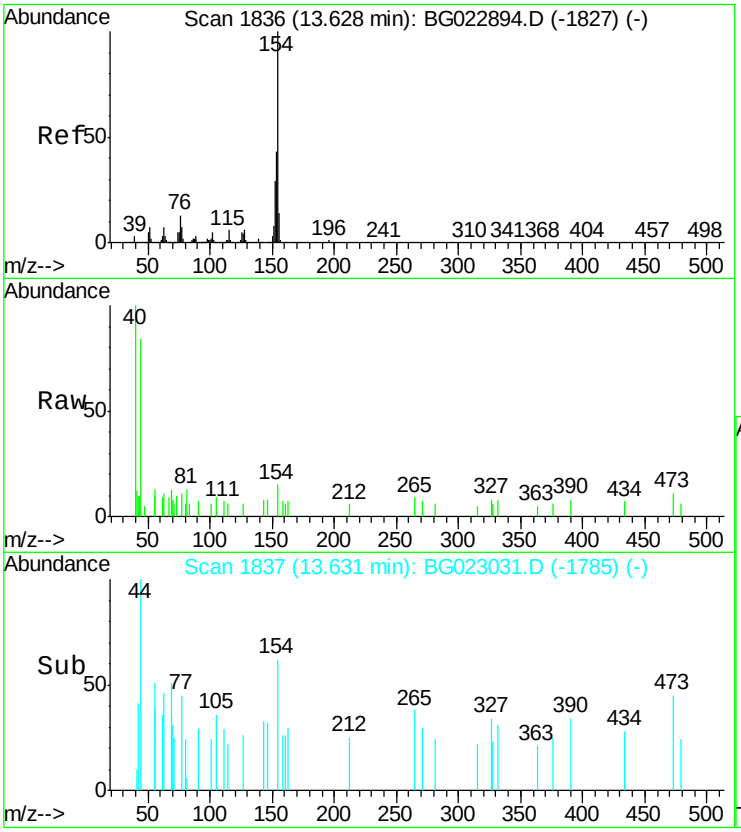


#44
2-Fluorobiphenyl
Concen: 93841.91 ng
RT: 13.43 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:172 Resp: 2049452

Ion	Ratio	Lower	Upper
172	100		
171	40.8	31.6	47.4
170	28.5	21.3	31.9



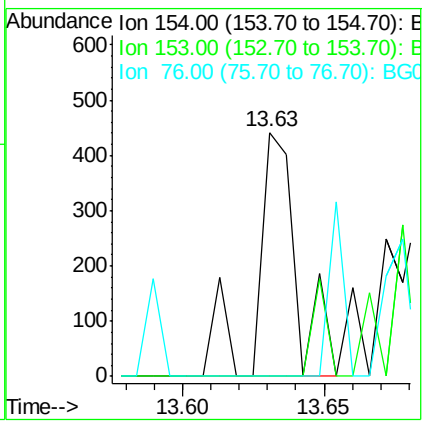


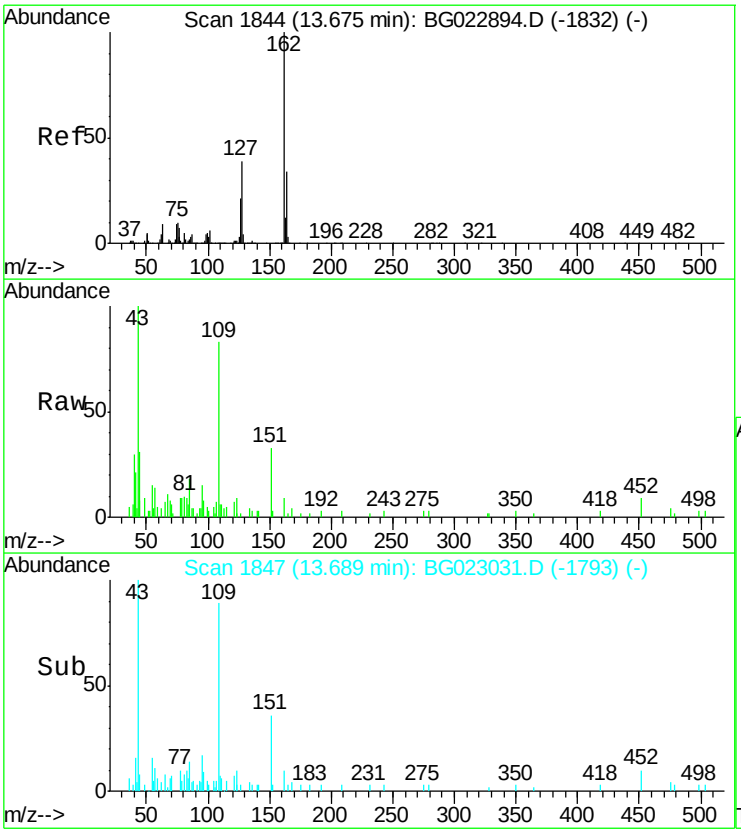
#45
1,1'-Biphenyl
Concen: 16.50 ng
RT: 13.63 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:154 Resp: 426

Ion	Ratio	Lower	Upper
154	100		
153	0.0	20.2	60.2#
76	0.0	0.0	32.9

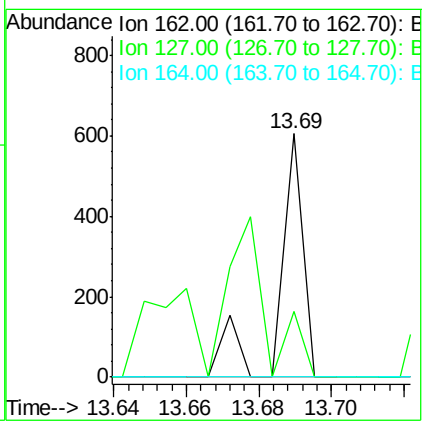


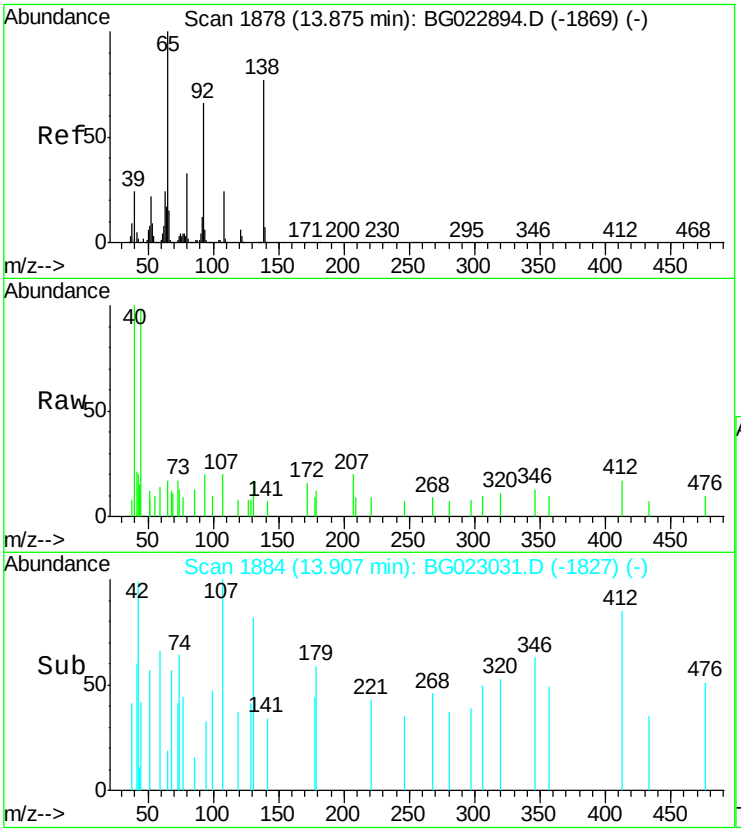


#46
2-Chloronaphthalene
Concen: 12.80 ng
RT: 13.69 min Scan# 1847
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:162 Resp: 268

Ion	Ratio	Lower	Upper
162	100		
127	27.2	32.4	48.6#
164	0.0	25.2	37.8#



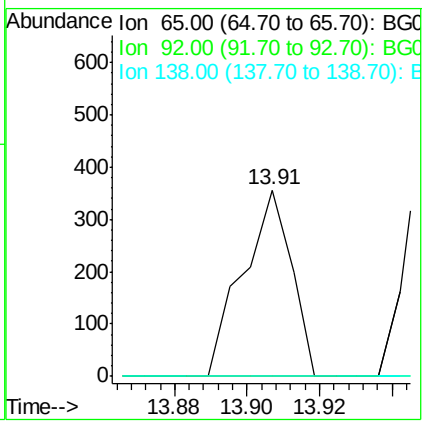


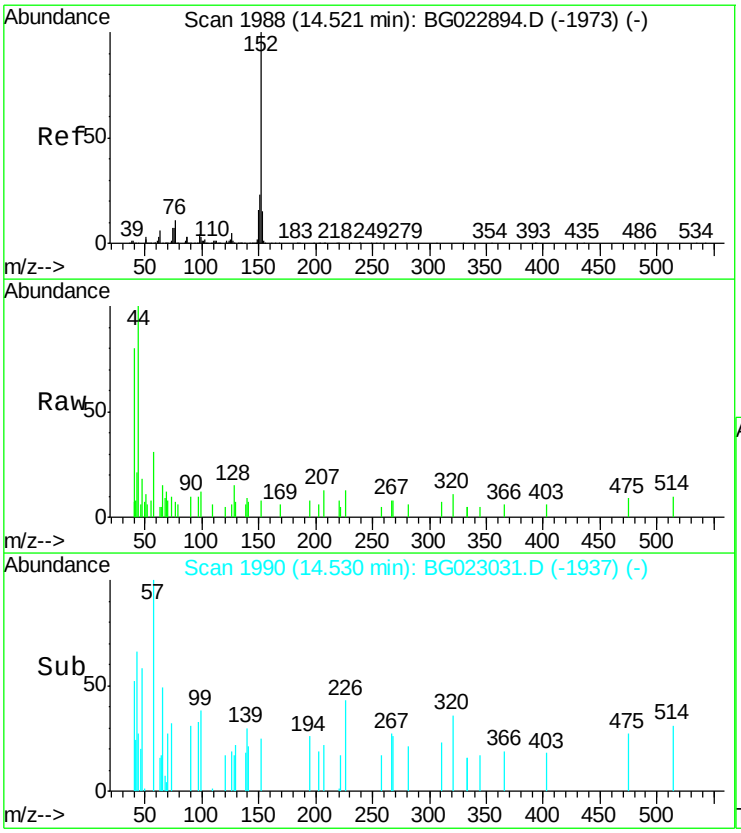
#47
2-Nitroaniline
Concen: 36.94 ng
RT: 13.91 min Scan# 1884
Delta R.T. 0.03 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion: 65 Resp: 330

Ion	Ratio	Lower	Upper
65	100		
92	0.0	49.4	74.0#
138	0.0	58.0	87.0#

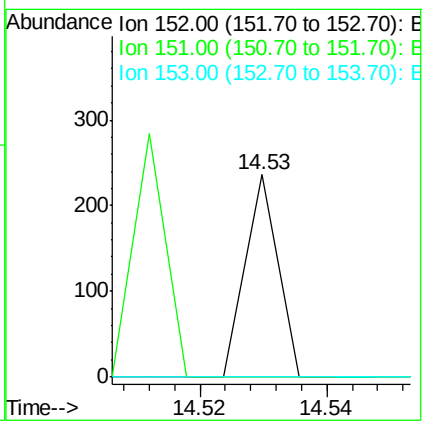


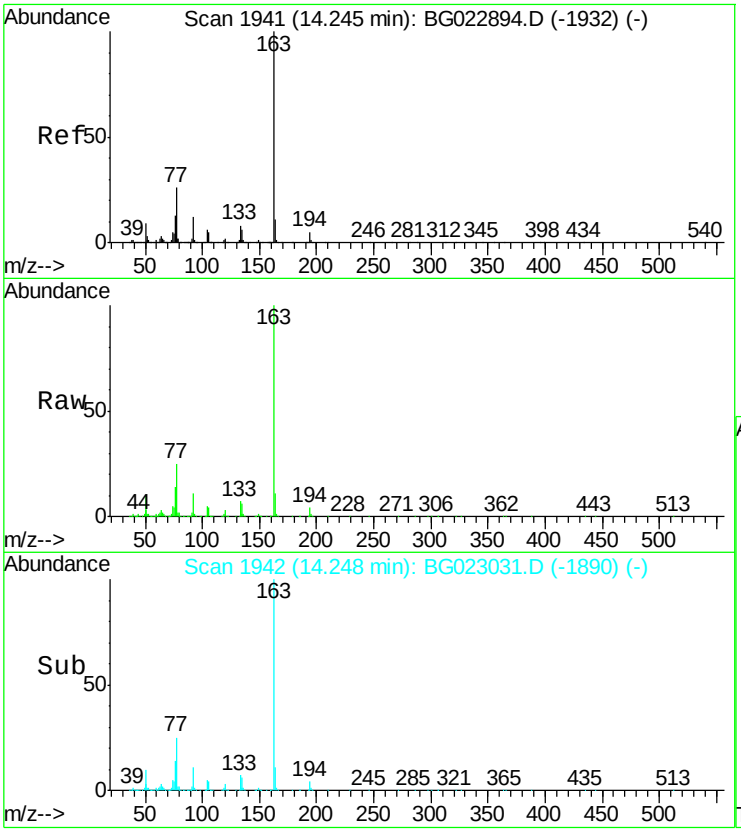


#48
Acenaphthylene
Concen: 2.64 ng
RT: 14.53 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:152 Resp: 83

Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.6	26.4#
153	0.0	11.4	17.2#



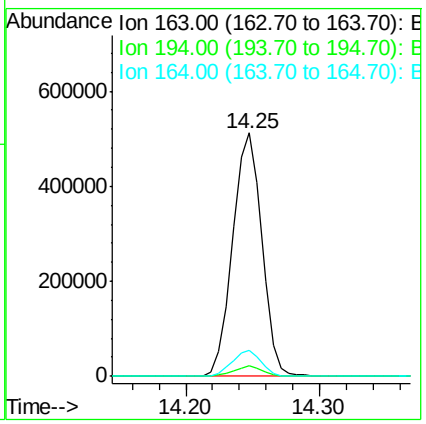


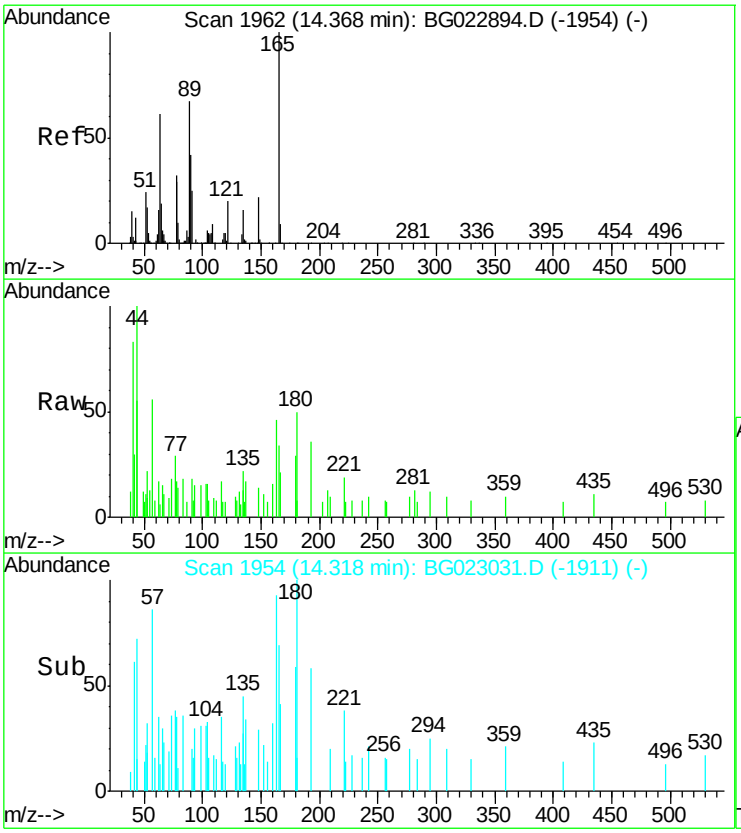
#49
Dimethylphthalate
Concen: 27678.63 ng
RT: 14.25 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:163 Resp: 777772

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.7	8.1	12.1

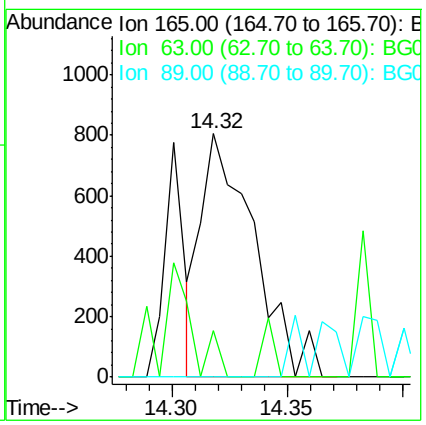


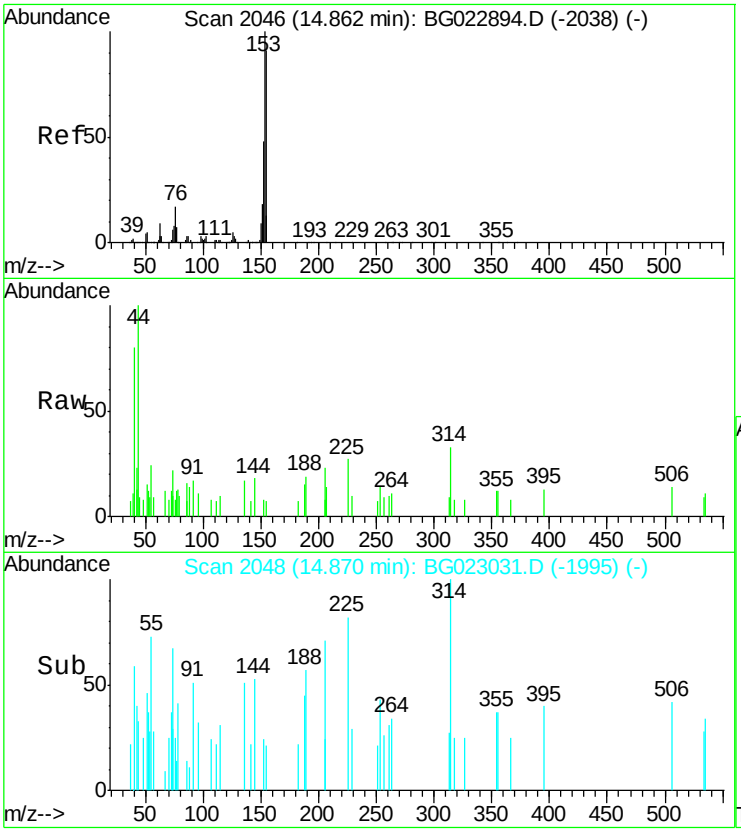


#50
2,6-Dinitrotoluene
Concen: 204.59 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.05 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:165 Resp: 1292

Ion	Ratio	Lower	Upper
165	100		
63	18.9	64.3	96.5#
89	0.0	64.3	96.5#



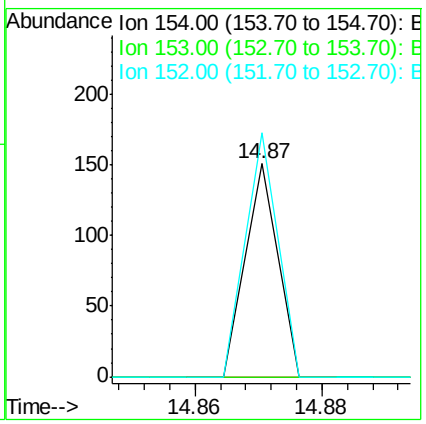


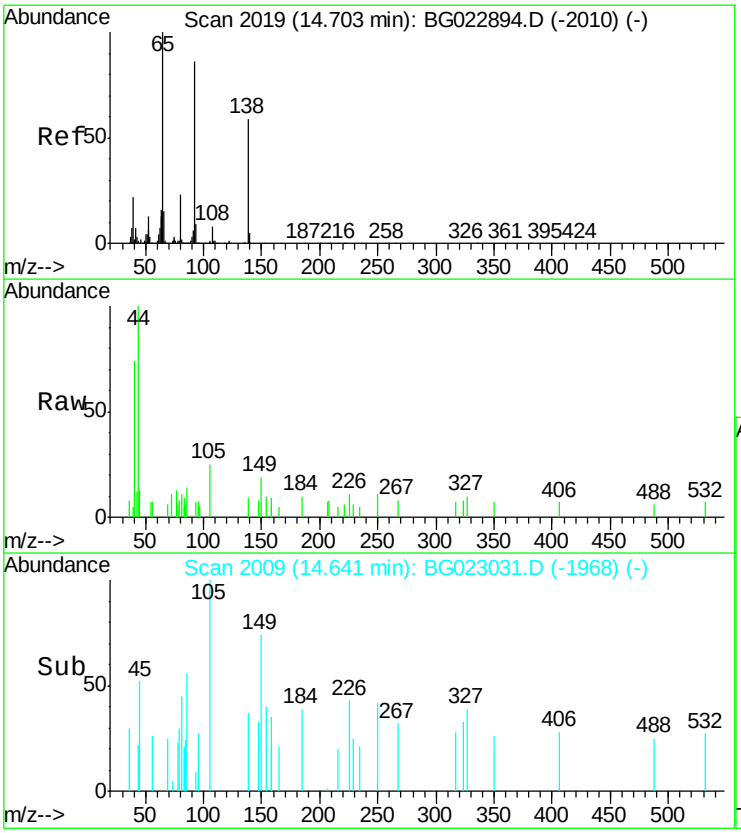
#51
Acenaphthene
Concen: 2.58 ng
RT: 14.87 min Scan# 2048
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:154 Resp: 53

Ion	Ratio	Lower	Upper
154	100		
153	0.0	87.5	131.3#
152	114.6	42.7	64.1#

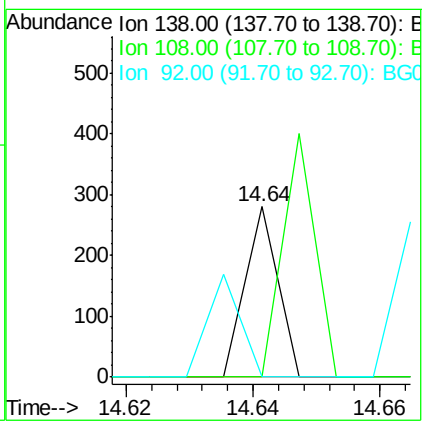


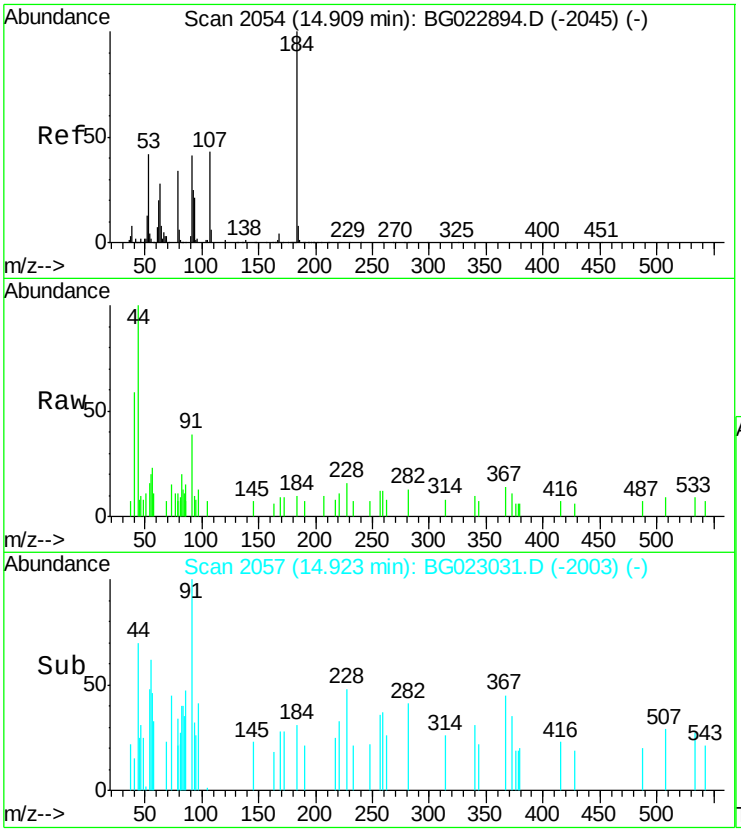


#52
3-Nitroaniline
Concen: 15.72 ng
RT: 14.64 min Scan# 2009
Delta R.T. -0.06 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:138 Resp: 99

Ion	Ratio	Lower	Upper
138	100		
108	0.0	11.7	17.5#
92	0.0	129.7	194.5#



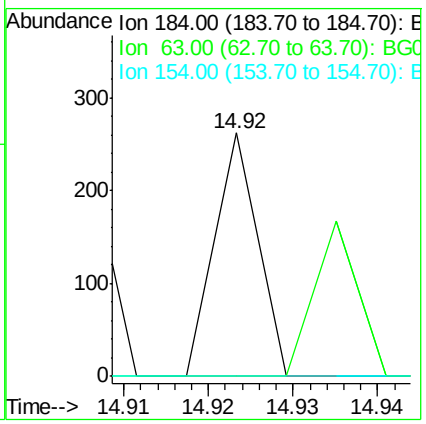


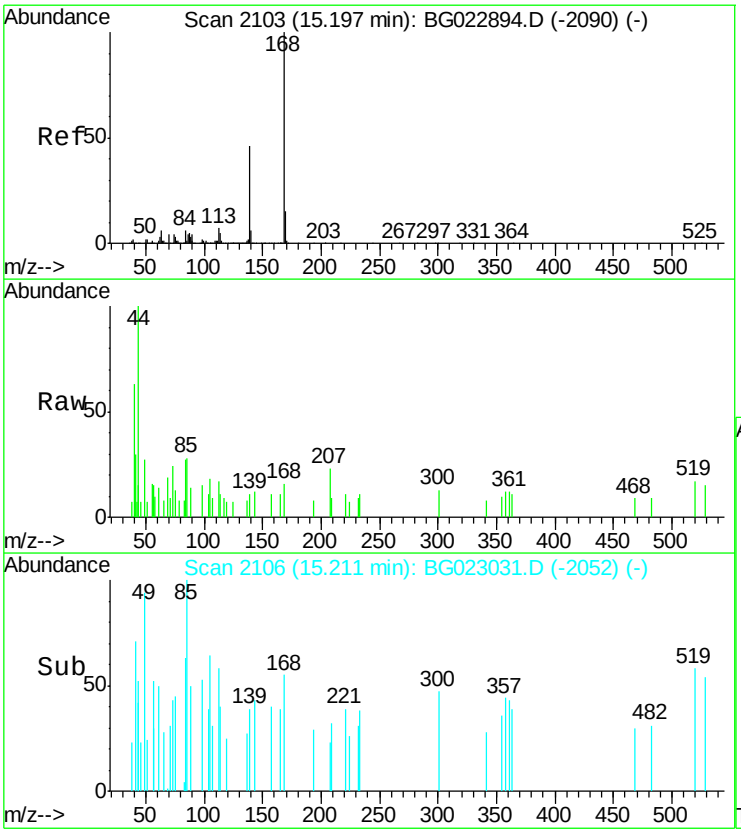
#53
2,4-Dinitrophenol
Concen: 21.23 ng
RT: 14.92 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:184 Resp: 92

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.6	89.4#
154	0.0	67.4	101.0#

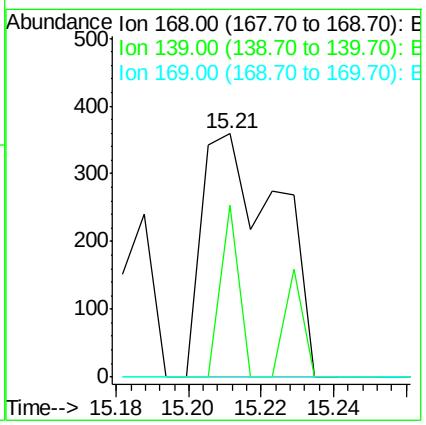


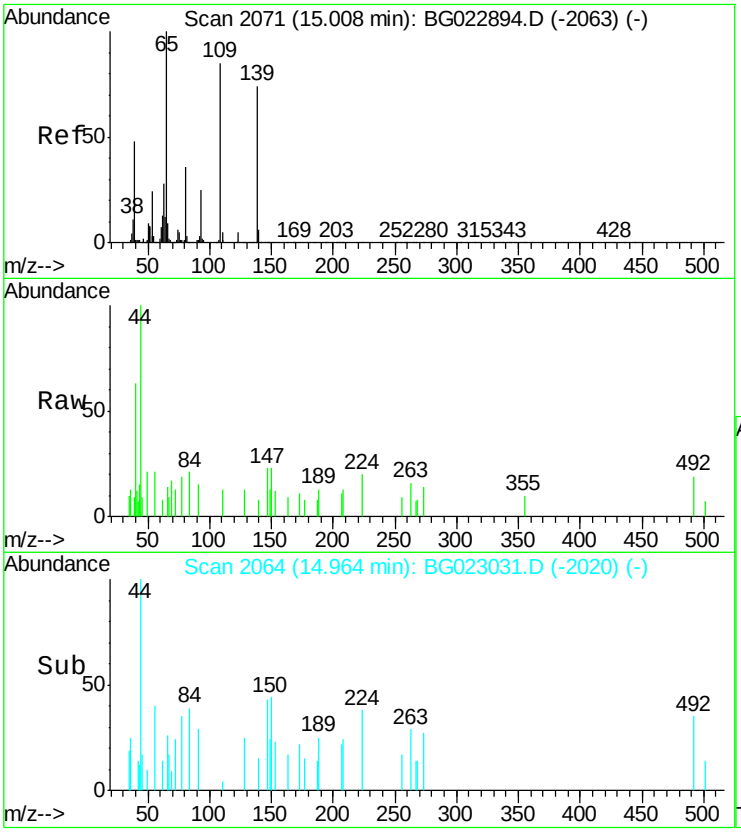


#54
Dibenzofuran
Concen: 16.76 ng
RT: 15.21 min Scan# 2106
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:168 Resp: 515

Ion	Ratio	Lower	Upper
168	100		
139	70.8	36.4	54.6#
169	0.0	11.9	17.9#



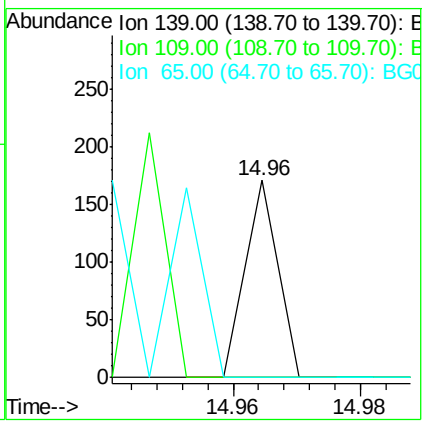


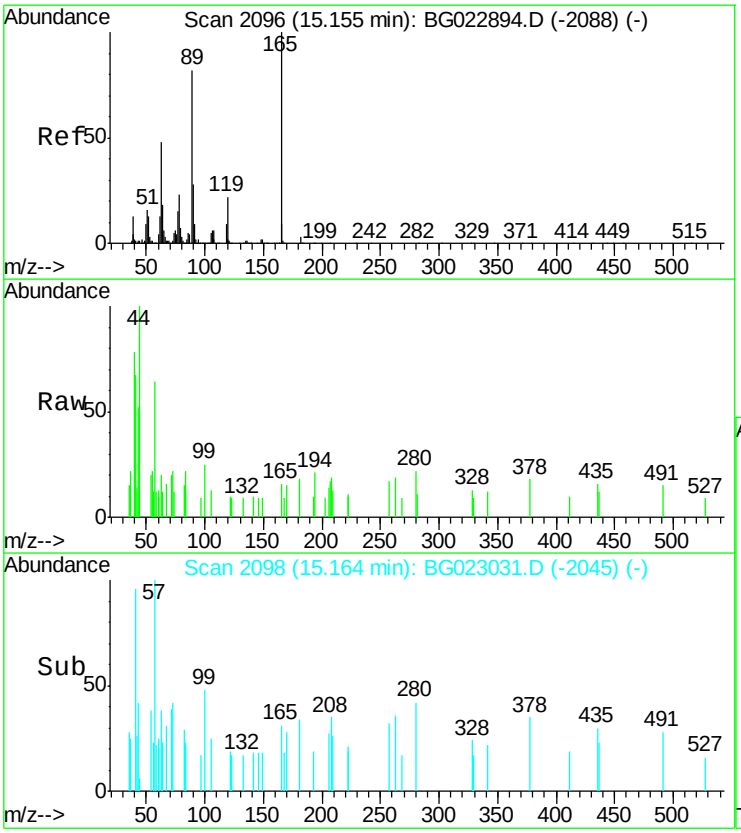
#55
4-Nitrophenol
Concen: 11.37 ng
RT: 14.96 min Scan# 2064
Delta R.T. -0.04 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:139 Resp: 60

Ion	Ratio	Lower	Upper
139	100		
109	0.0	103.0	143.0#
65	0.0	112.7	152.7#

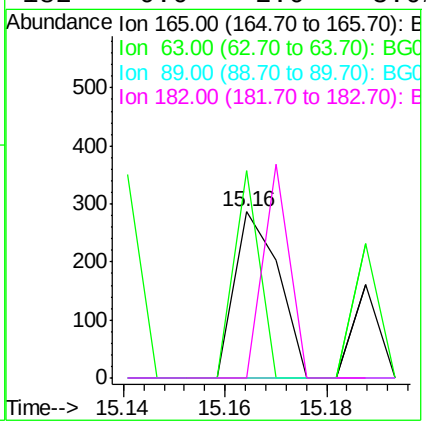


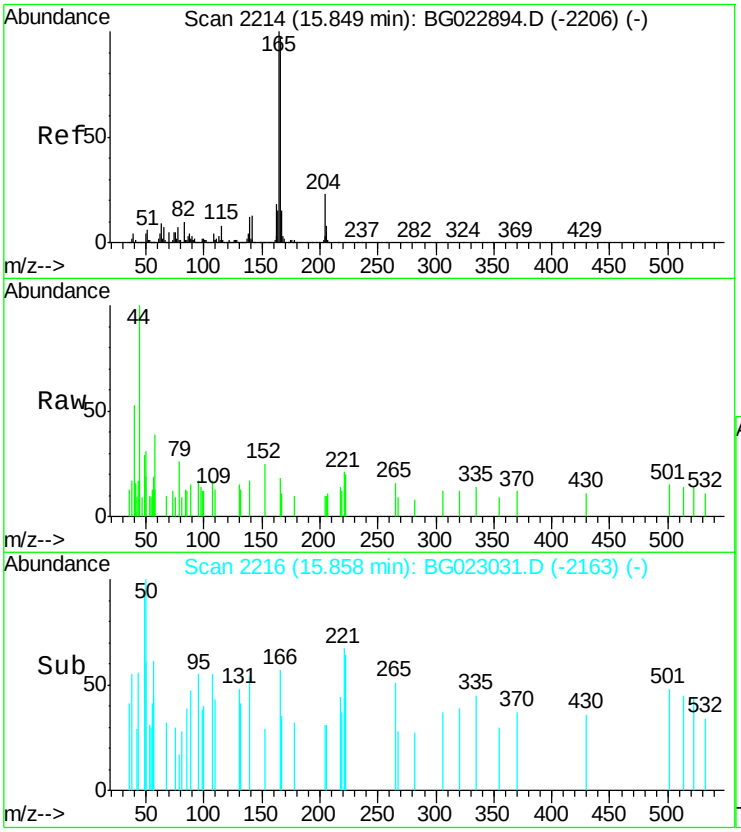


#56
2,4-Dinitrotoluene
Concen: 18.68 ng
RT: 15.16 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:165 Resp: 172

Ion	Ratio	Lower	Upper
165	100		
63	124.8	45.8	68.6#
89	0.0	68.6	102.8#
182	0.0	2.0	3.0#



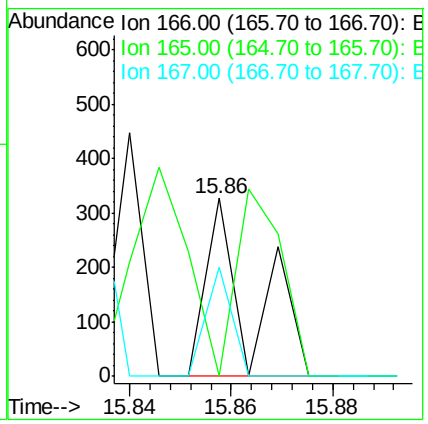


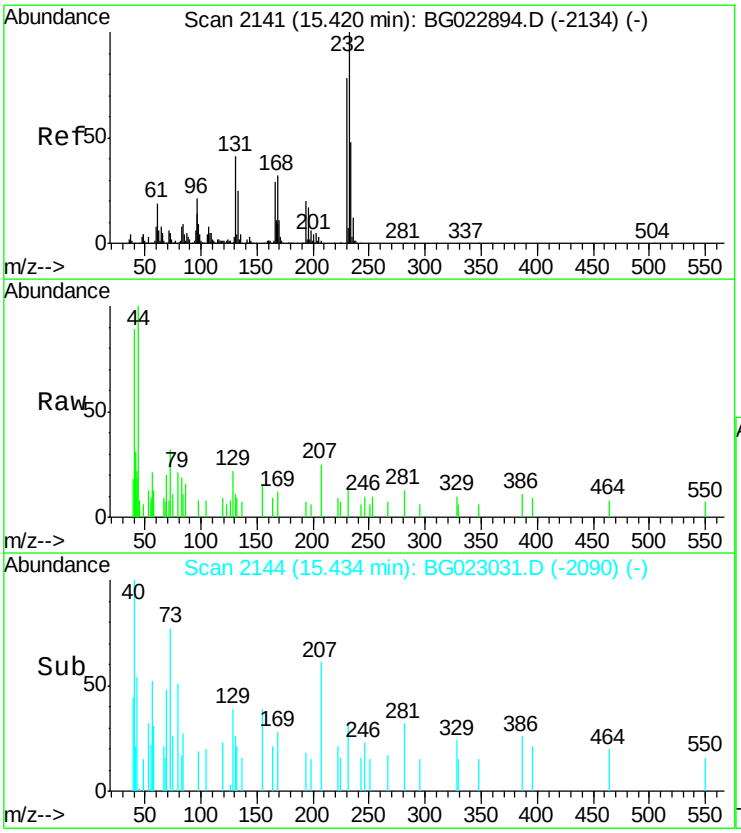
#57
Fluorene
Concen: 7.53 ng
RT: 15.86 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:166 Resp: 199

Ion	Ratio	Lower	Upper
166	100		
165	0.0	81.0	121.6#
167	61.2	12.0	18.0#

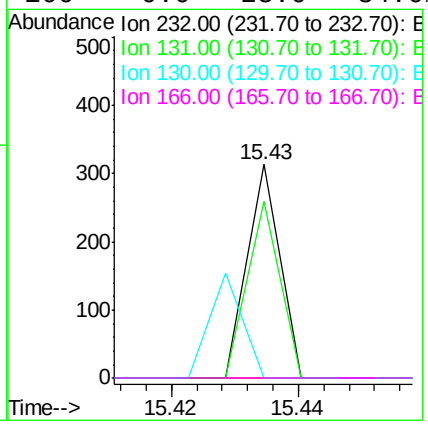


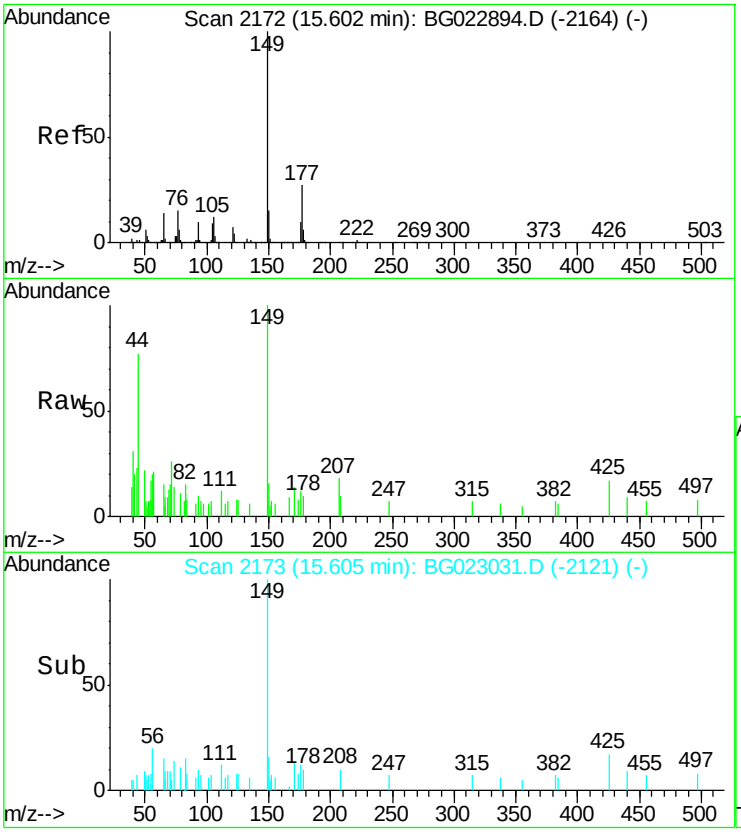


#58
2,3,4,6-Tetrachlorophenol
Concen: 12.57 ng
RT: 15.43 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:232 Resp: 110

Ion	Ratio	Lower	Upper
232	100		
131	83.6	32.7	49.1#
130	50.0	2.6	3.8#
166	0.0	23.0	34.6#



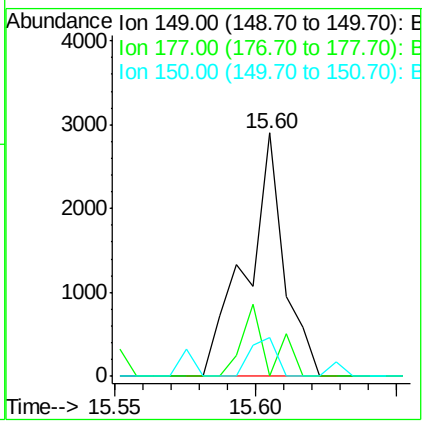


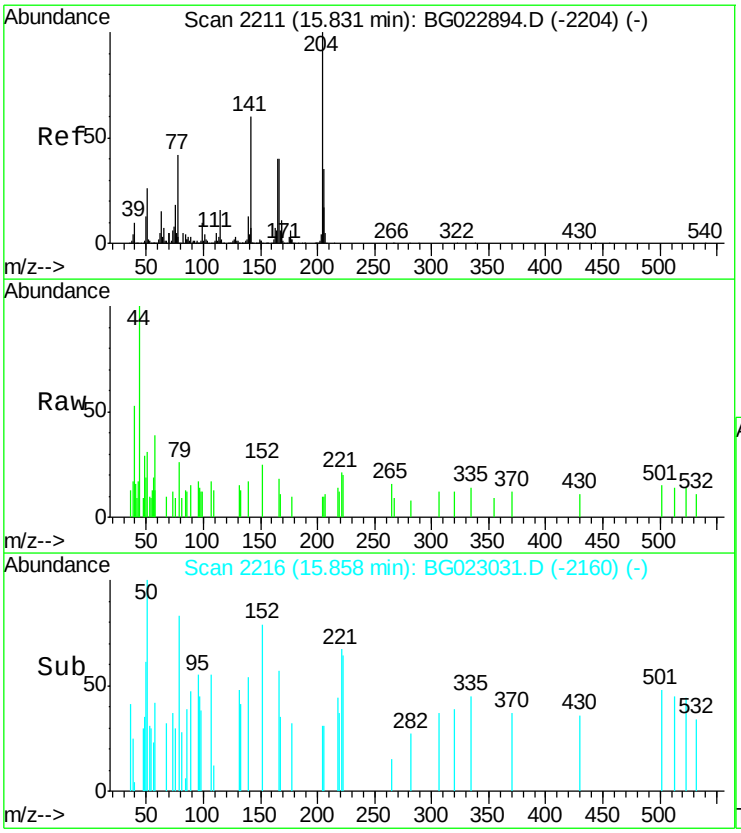
#59
Diethylphthalate
Concen: 93.38 ng
RT: 15.60 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:149 Resp: 2670

Ion	Ratio	Lower	Upper
149	100		
177	0.0	19.2	28.8#
150	16.0	10.6	16.0#

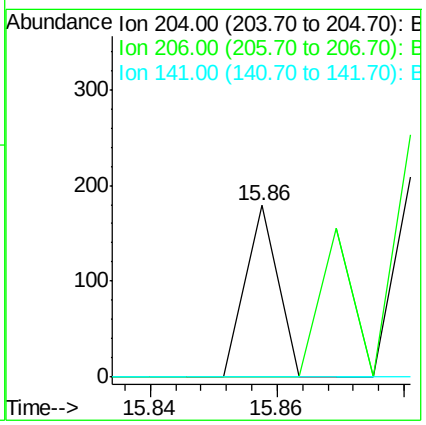


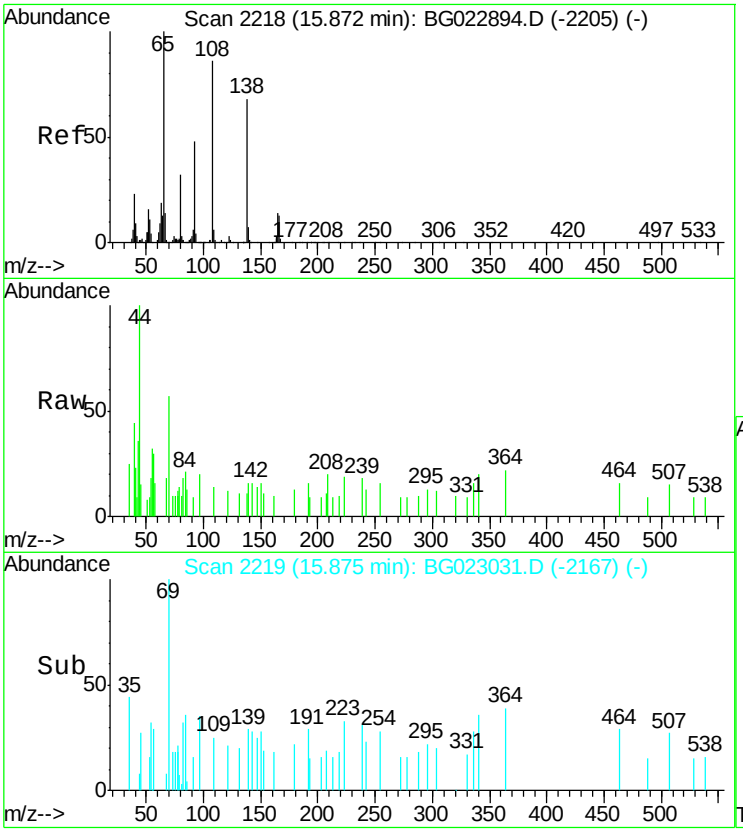


#60
4-Chlorophenyl-phenylether
Concen: 3.91 ng
RT: 15.86 min Scan# 2216
Delta R.T. 0.03 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:204 Resp: 63

Ion	Ratio	Lower	Upper
204	100		
206	0.0	28.5	42.7#
141	0.0	51.4	77.0#



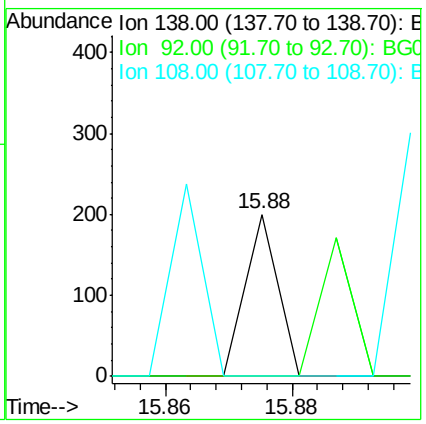


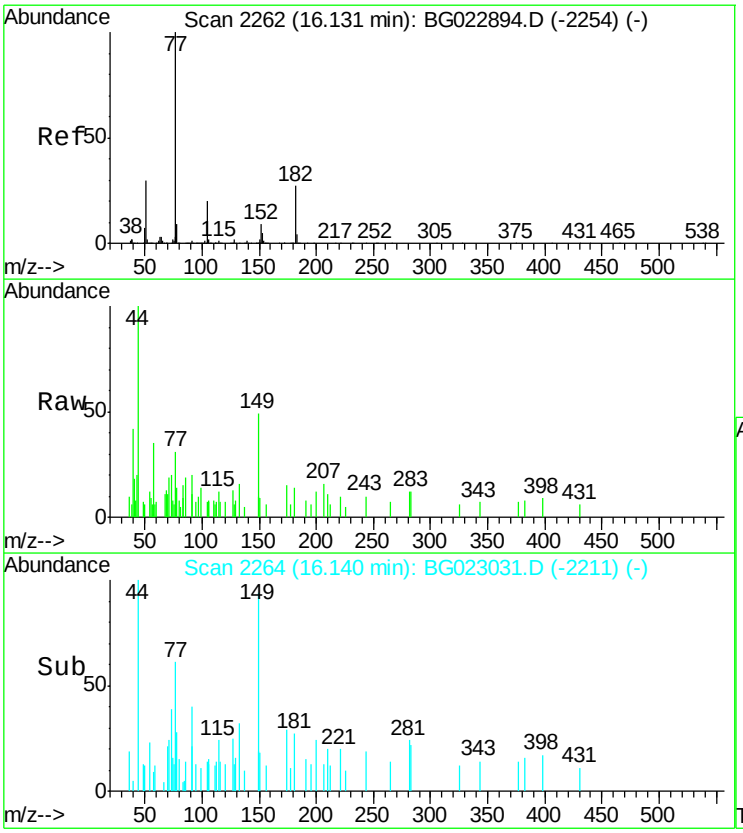
#61
4-Nitroaniline
Concen: 10.42 ng
RT: 15.88 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:138 Resp: 71

Ion	Ratio	Lower	Upper
138	100		
92	0.0	54.1	94.1#
108	0.0	133.9	173.9#

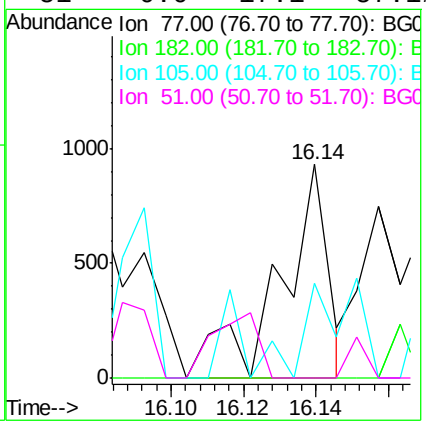


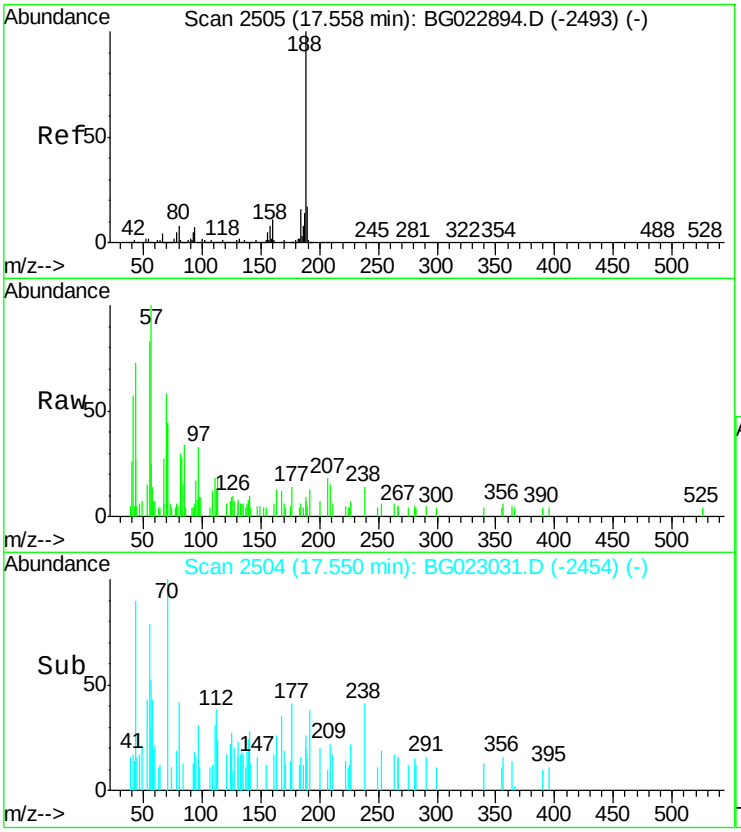


#62
Azobenzene
Concen: 31.23 ng
RT: 16.14 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion: 77 Resp: 854

Ion	Ratio	Lower	Upper
77	100		
182	0.0	3.5	43.5#
105	44.6	0.0	38.5#
51	0.0	17.1	57.1#



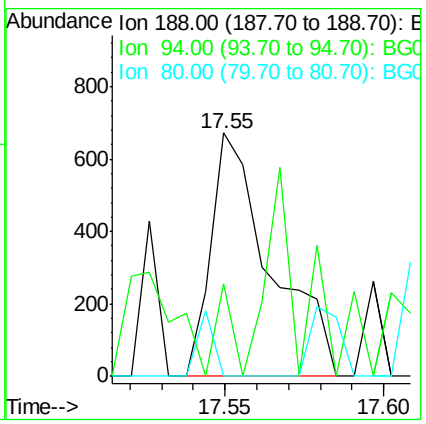


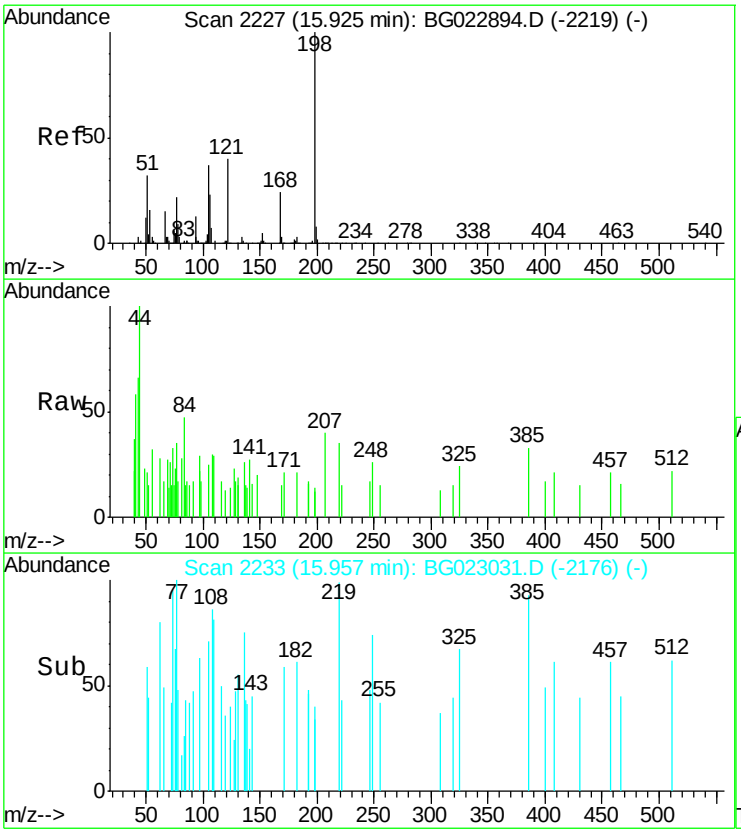
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:188 Resp: 878

Ion	Ratio	Lower	Upper
188	100		
94	37.8	5.2	7.8#
80	0.0	7.2	10.8#

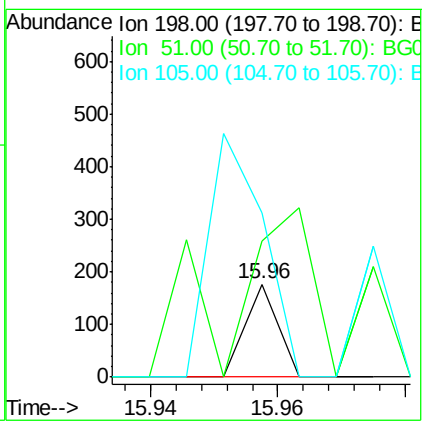


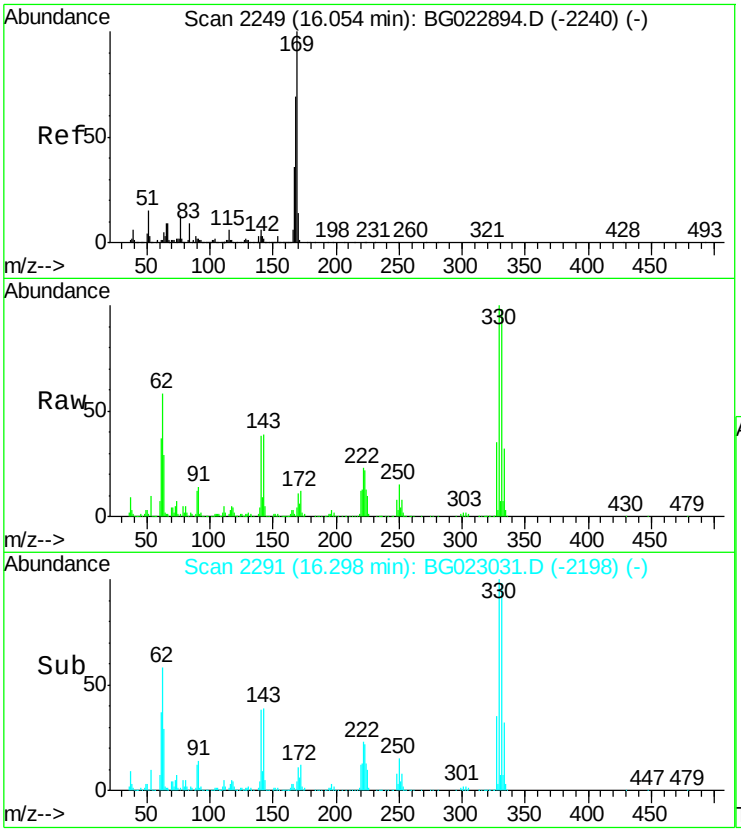


#64
4,6-Dinitro-2-methylphenol
Concen: 9.50 ng
RT: 15.96 min Scan# 2233
Delta R.T. 0.03 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:198 Resp: 62

Ion	Ratio	Lower	Upper
198	100		
51	255.7	26.0	66.0#
105	176.7	20.1	60.1#



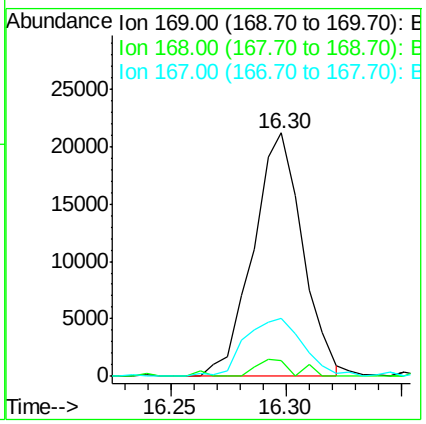


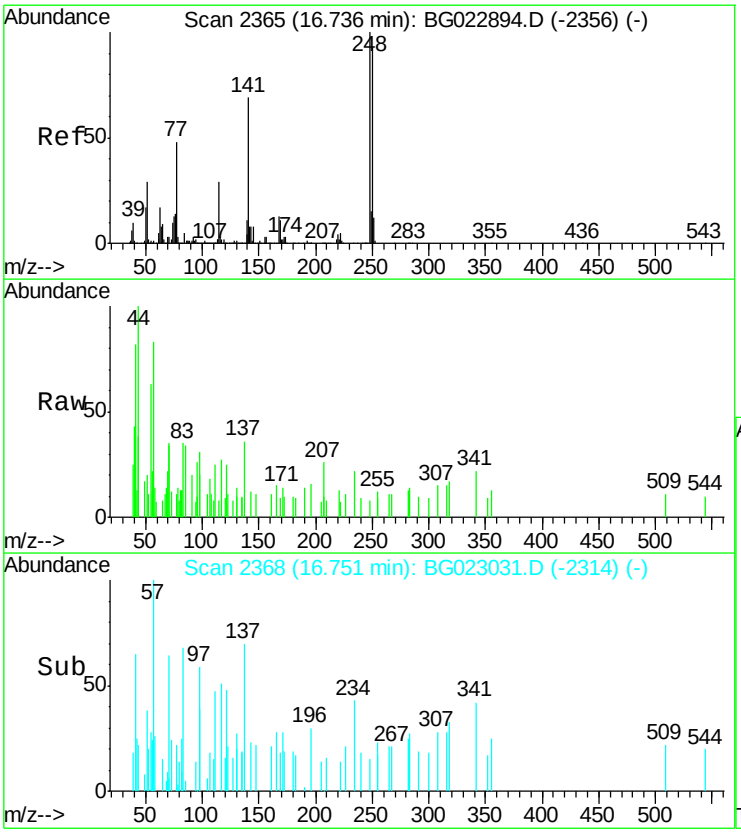
#65
n-Nitrosodiphenylamine
Concen: 1242.46 ng
RT: 16.30 min Scan# 2291
Delta R.T. 0.24 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:169 Resp: 31429

Ion	Ratio	Lower	Upper
169	100		
168	6.3	55.0	82.4#
167	23.6	27.4	41.0#

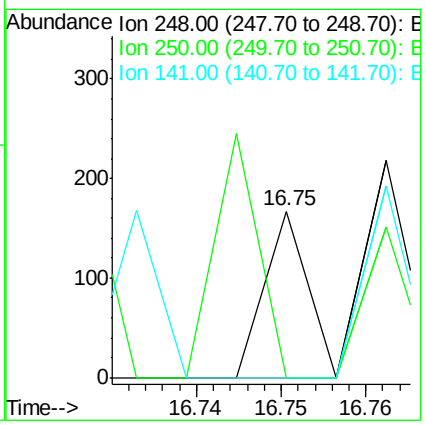


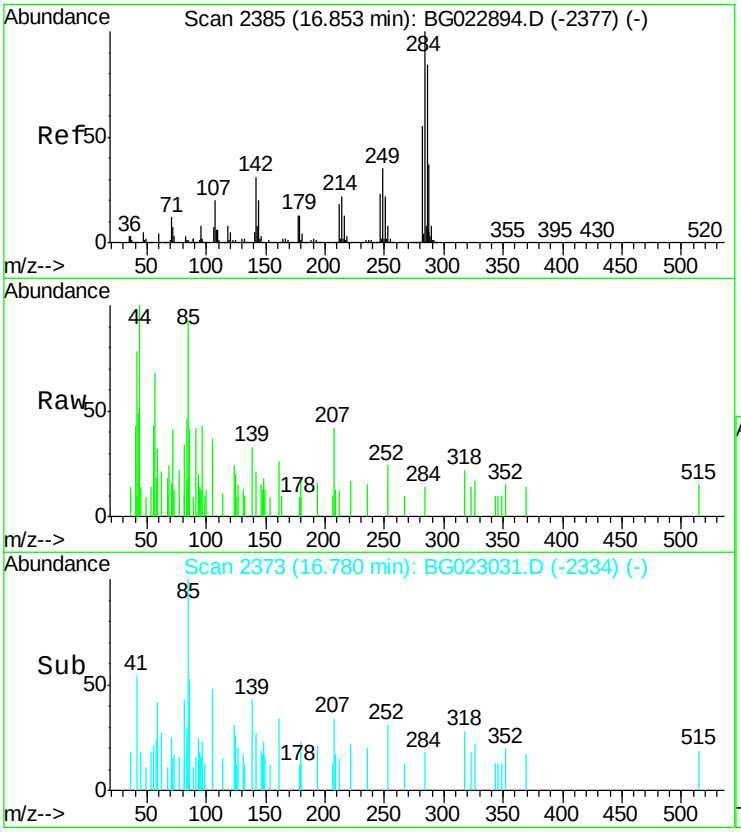


#66
4-Bromophenyl-phenylether
Concen: 5.16 ng
RT: 16.75 min Scan# 2368
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:248 Resp: 59

Ion	Ratio	Lower	Upper
248	100		
250	0.0	77.8	116.8#
141	0.0	65.7	98.5#



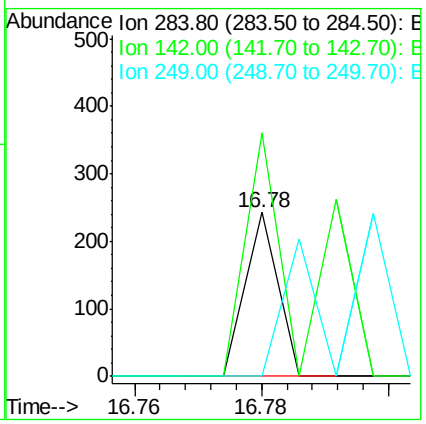


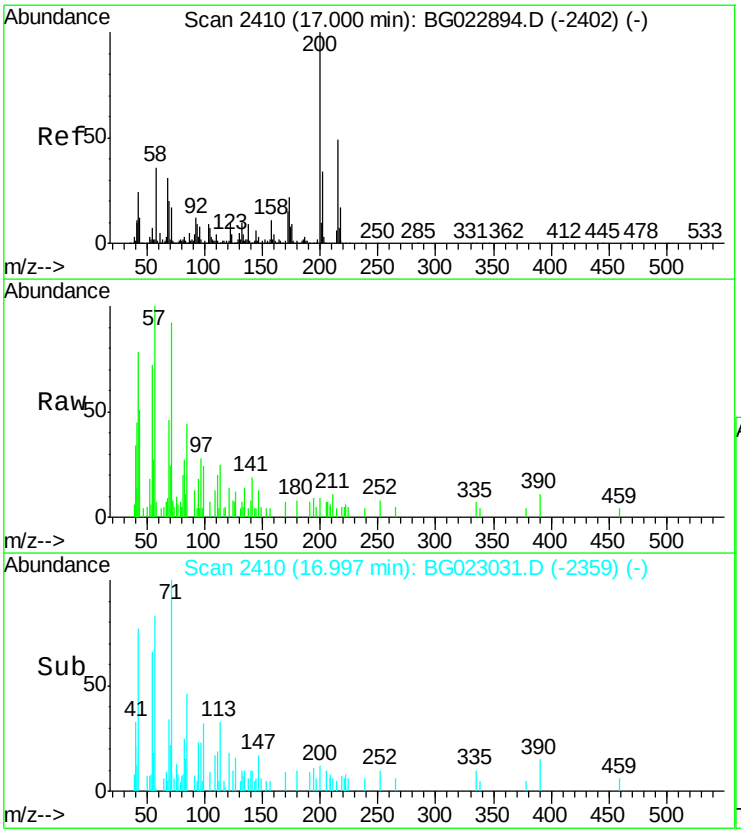
#67
Hexachlorobenzene
Concen: 6.92 ng
RT: 16.78 min Scan# 2373
Delta R.T. -0.07 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:284 Resp: 86

Ion	Ratio	Lower	Upper
284	100		
142	148.6	26.8	40.2#
249	0.0	28.9	43.3#

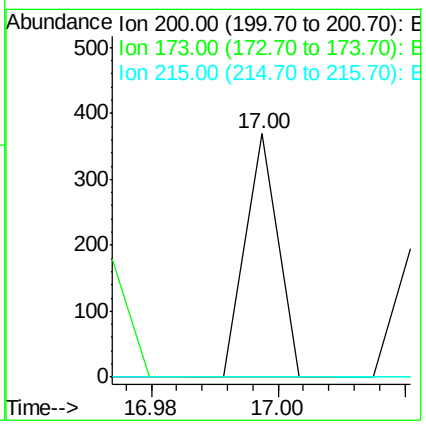


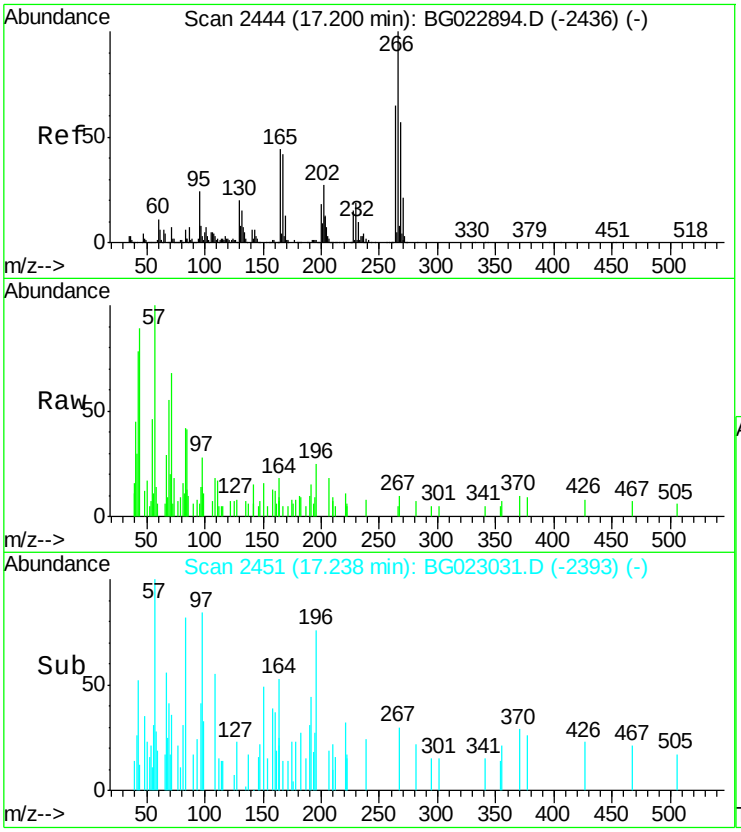


#68
Atrazine
Concen: 11.59 ng
RT: 17.00 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:200 Resp: 130

Ion	Ratio	Lower	Upper
200	100		
173	0.0	1.6	41.6#
215	0.0	28.7	68.7#



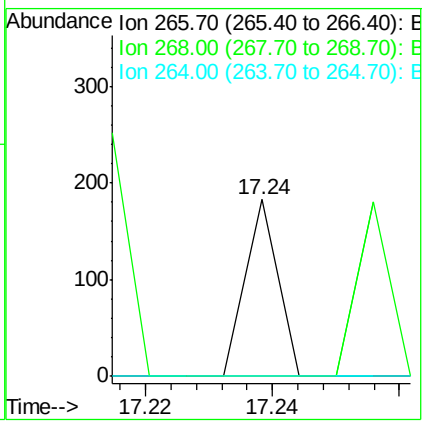


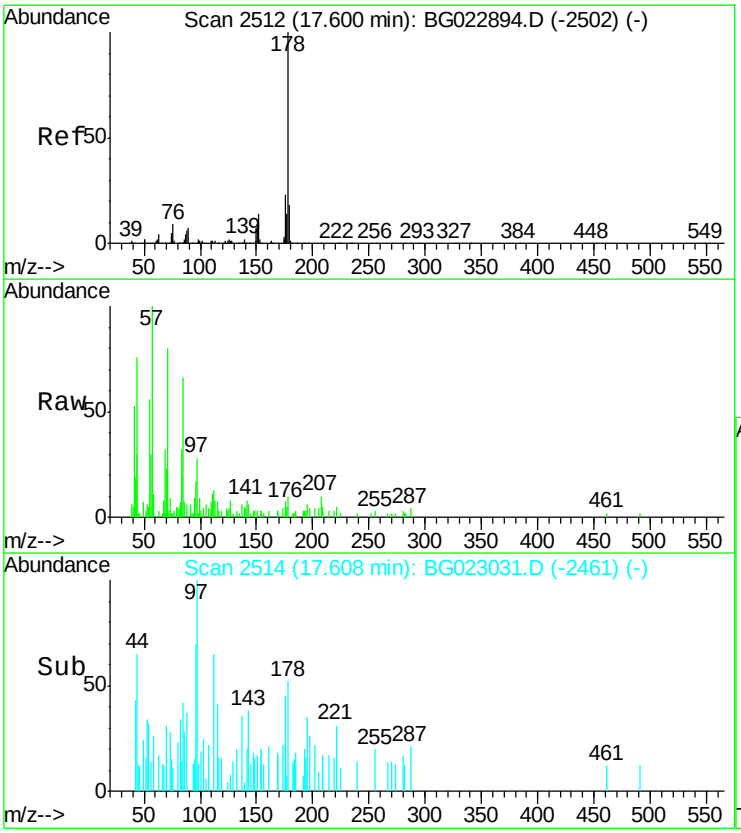
#69
Pentachlorophenol
Concen: 8.08 ng
RT: 17.24 min Scan# 2451
Delta R.T. 0.04 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:266 Resp: 65

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.9	77.9#
264	0.0	50.6	75.8#

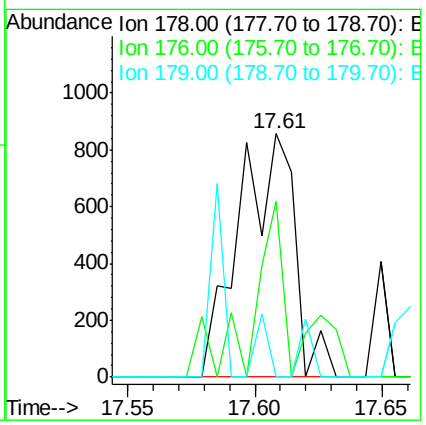


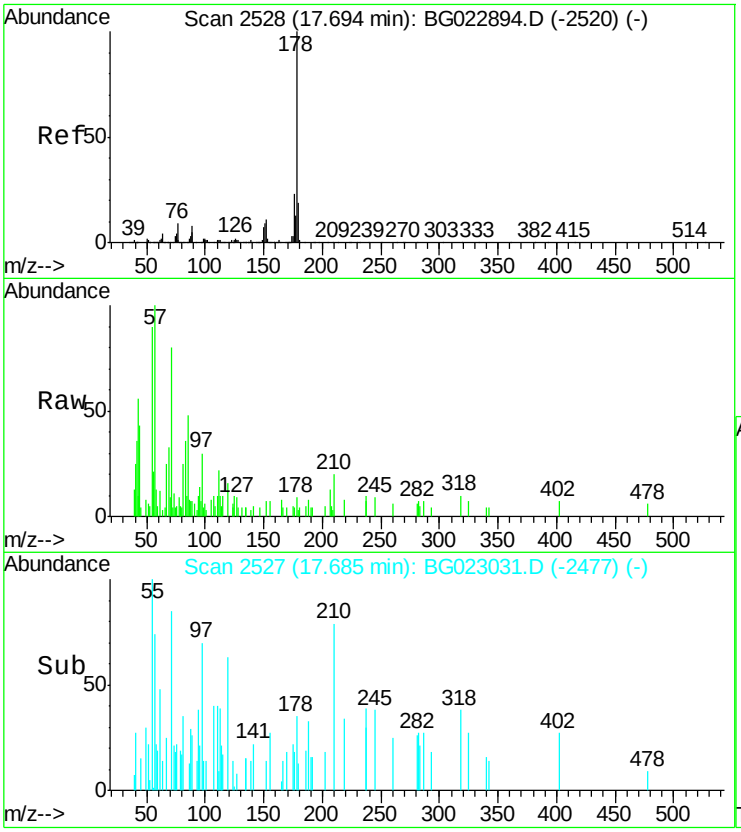


#70
Phenanthrene
Concen: 30.31 ng
RT: 17.61 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:178 Resp: 1304

Ion	Ratio	Lower	Upper
178	100		
176	72.0	16.8	25.2#
179	0.0	14.3	21.5#



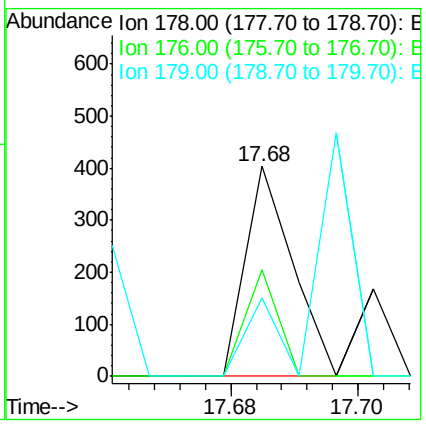


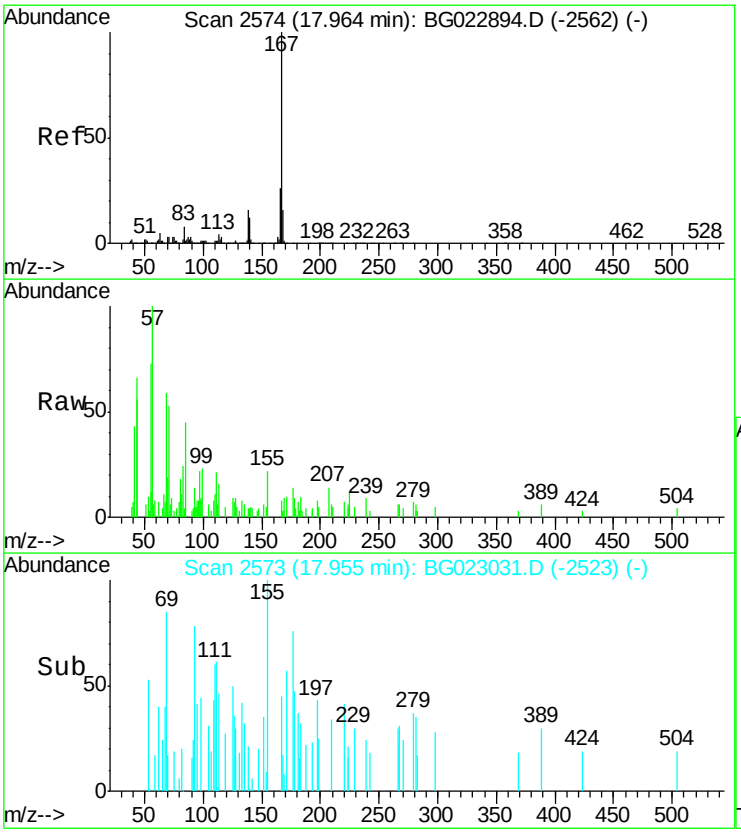
#71
Anthracene
Concen: 4.73 ng
RT: 17.68 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:178 Resp: 206

Ion	Ratio	Lower	Upper
178	100		
176	51.0	17.3	25.9#
179	37.6	14.0	21.0#

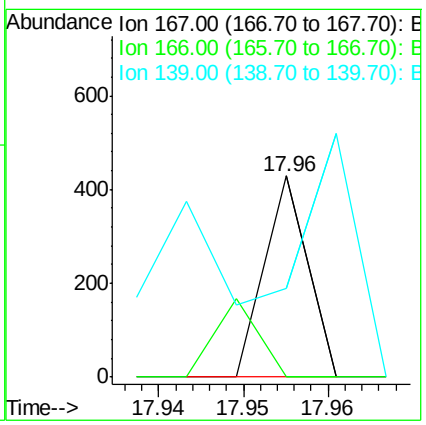


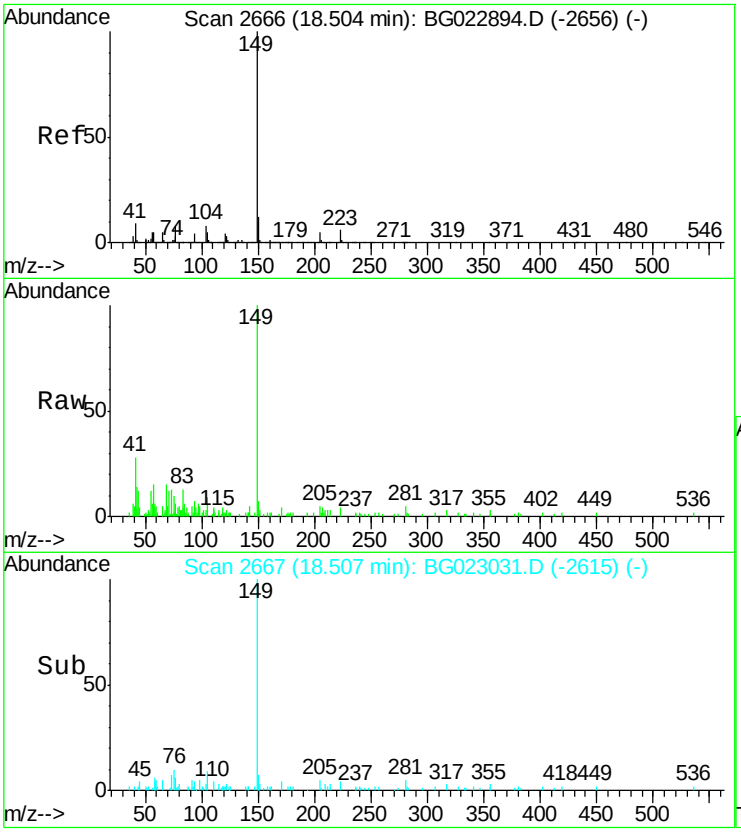


#72
Carbazole
Concen: 4.01 ng
RT: 17.96 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:167 Resp: 151

Ion	Ratio	Lower	Upper
167	100		
166	0.0	20.7	31.1#
139	32.0	11.9	17.9#



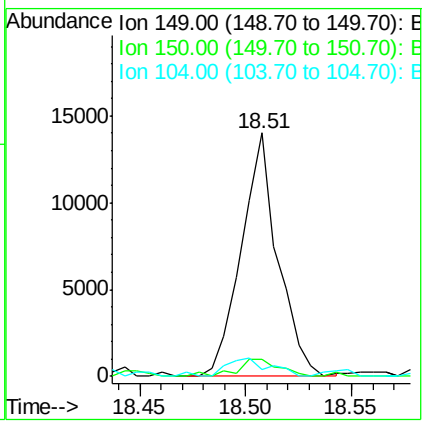


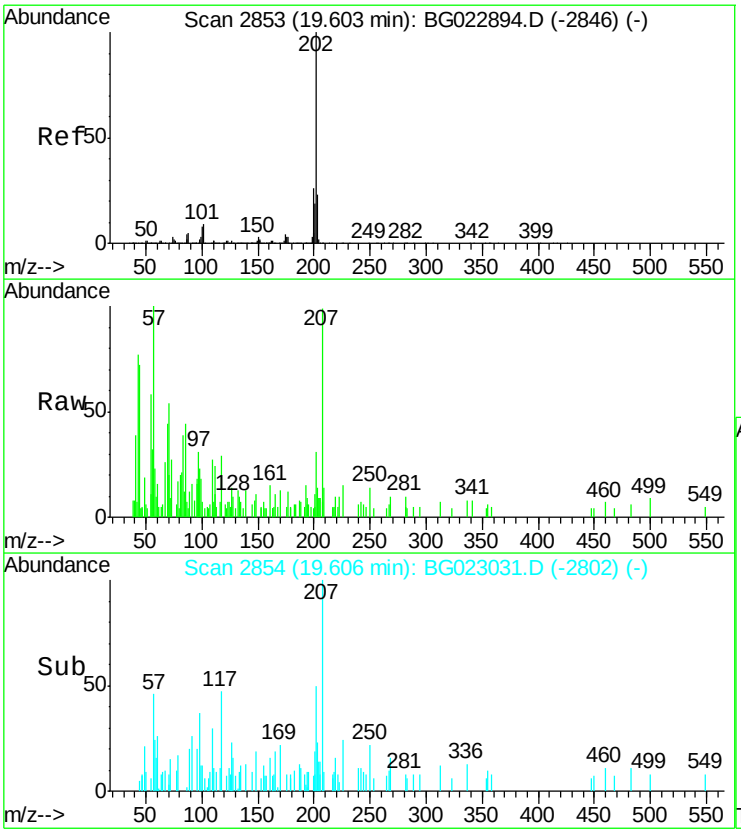
#73
Di-n-butylphthalate
Concen: 402.02 ng
RT: 18.51 min Scan# 2667
Delta R.T. 0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:149 Resp: 16832

Ion	Ratio	Lower	Upper
149	100		
150	7.0	9.1	13.7#
104	2.8	6.9	10.3#

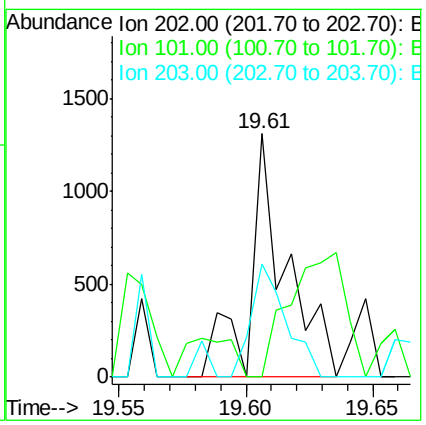


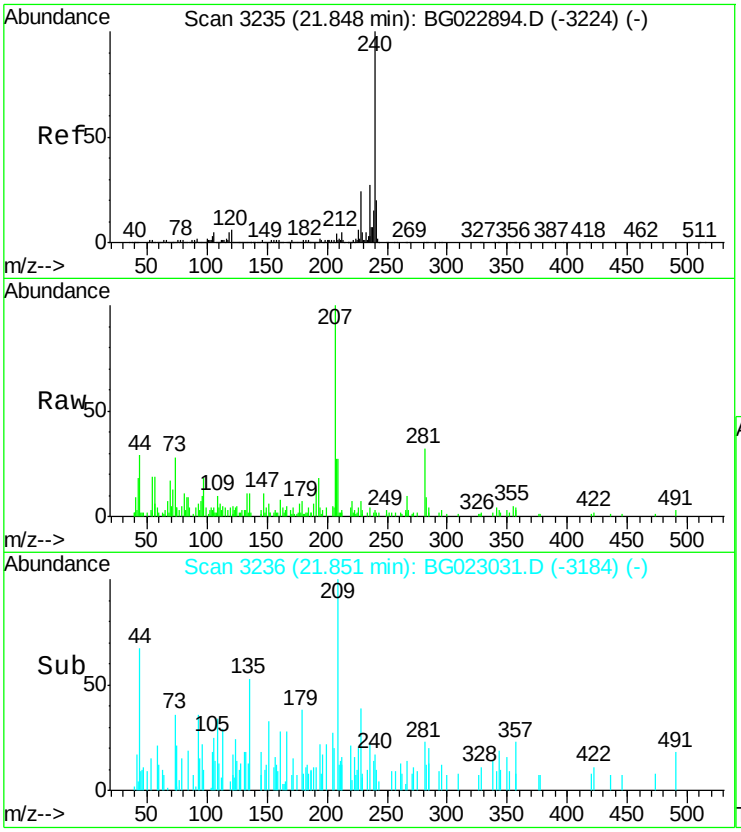


#74
Fluoranthene
Concen: 25.04 ng
RT: 19.61 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:202 Resp: 1322

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	27.4
203	46.7	1.7	41.7#



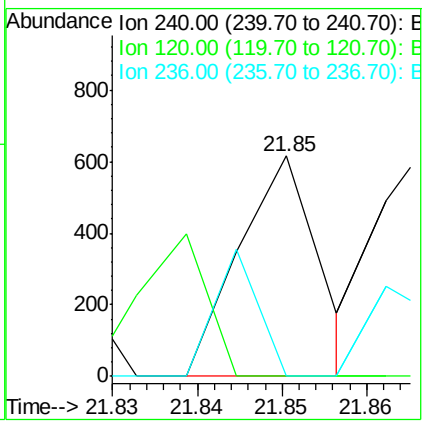


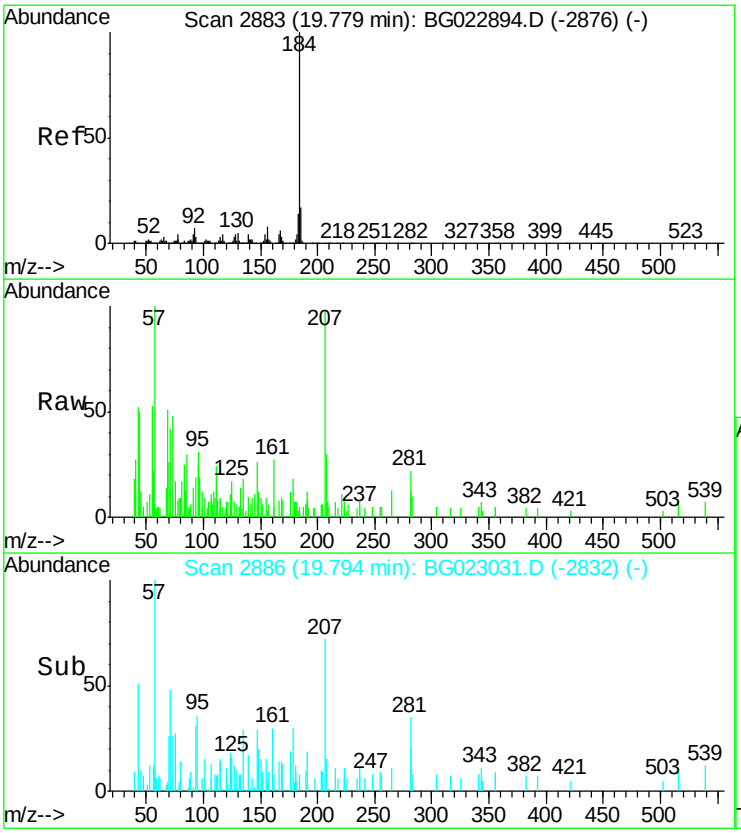
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:240 Resp: 401

Ion	Ratio	Lower	Upper
240	100		
120	0.0	4.1	6.1#
236	0.0	21.1	31.7#

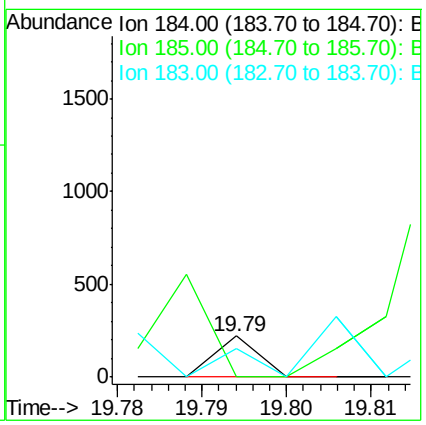


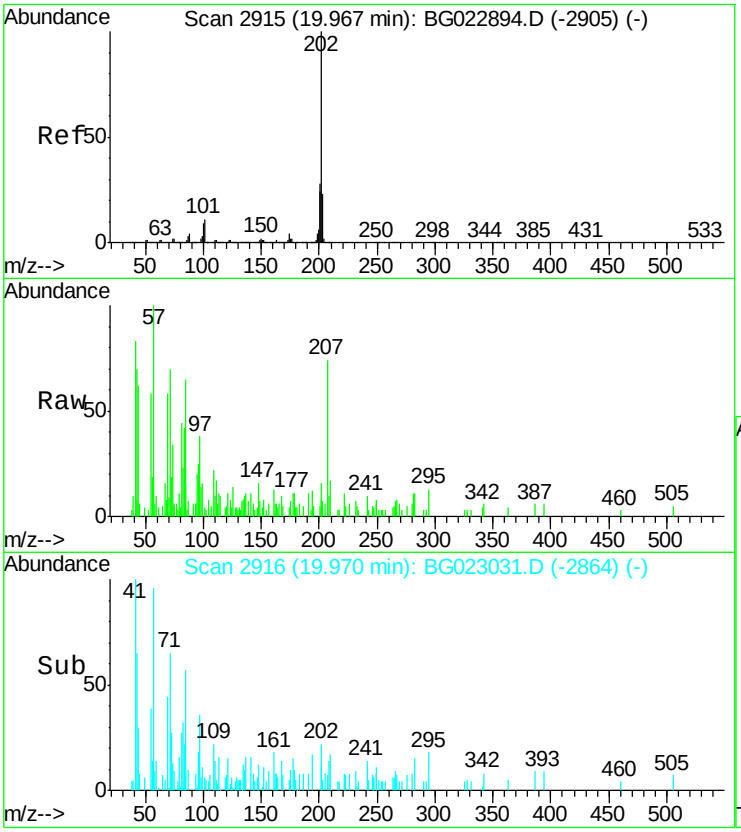


#76
Benzidine
Concen: 6.78 ng
RT: 19.79 min Scan# 2886
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:184 Resp: 78

Ion	Ratio	Lower	Upper
184	100		
185	0.0	12.6	19.0#
183	70.7	10.7	16.1#



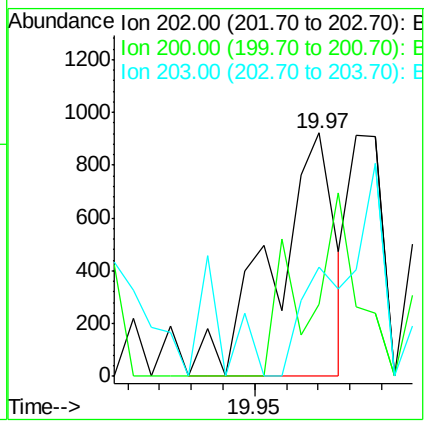


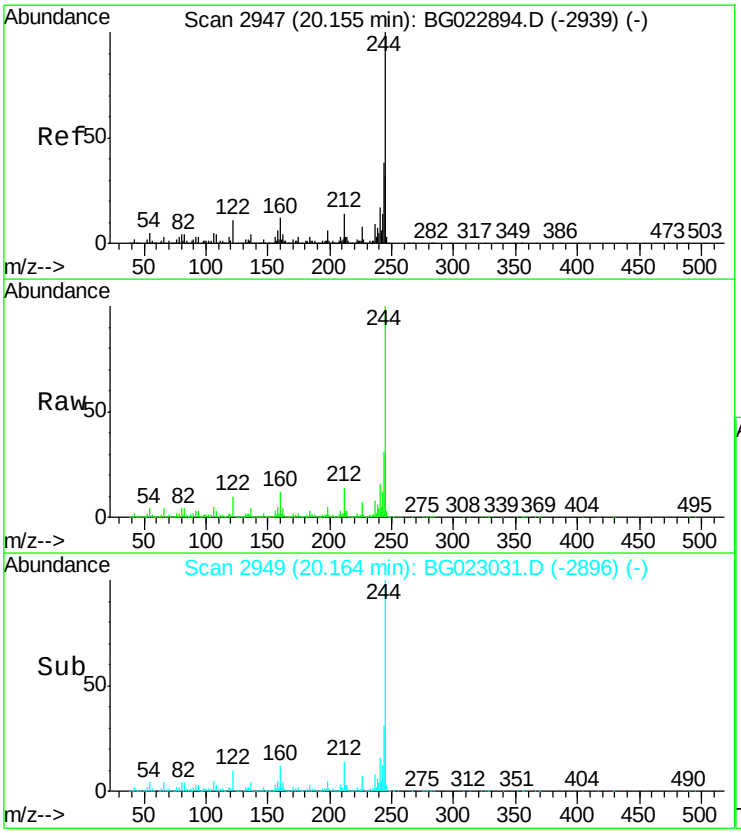
#77
Pyrene
Concen: 54.45 ng
RT: 19.97 min Scan# 2916
Delta R.T. 0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:202 Resp: 1227

Ion	Ratio	Lower	Upper
202	100		
200	29.5	21.2	31.8
203	44.7	16.8	25.2#

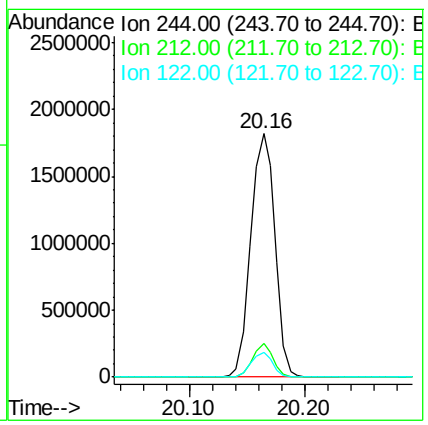


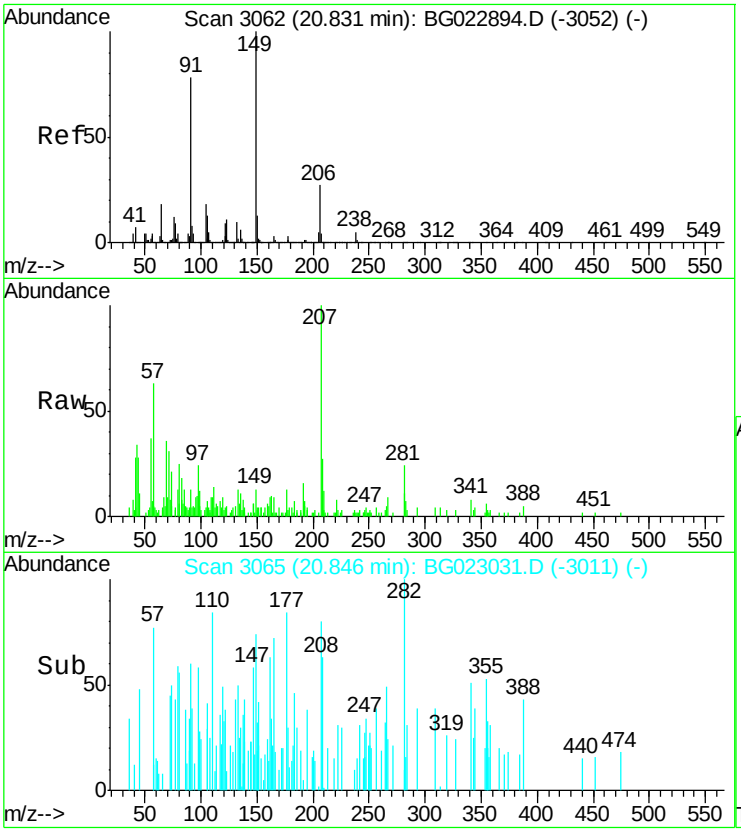


#78
Terphenyl-d14
Concen: -20.00 ng
RT: 20.16 min Scan# 2949
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:244 Resp: 2650793

Ion	Ratio	Lower	Upper
244	100		
212	13.9	10.8	16.2
122	10.3	8.0	12.0



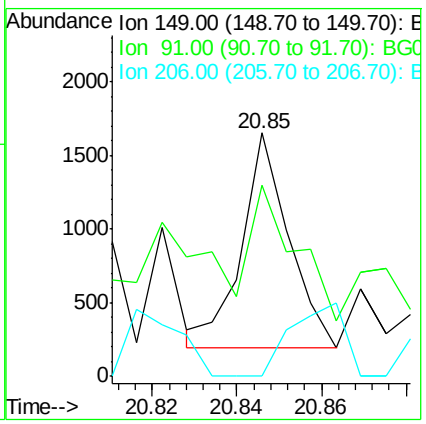


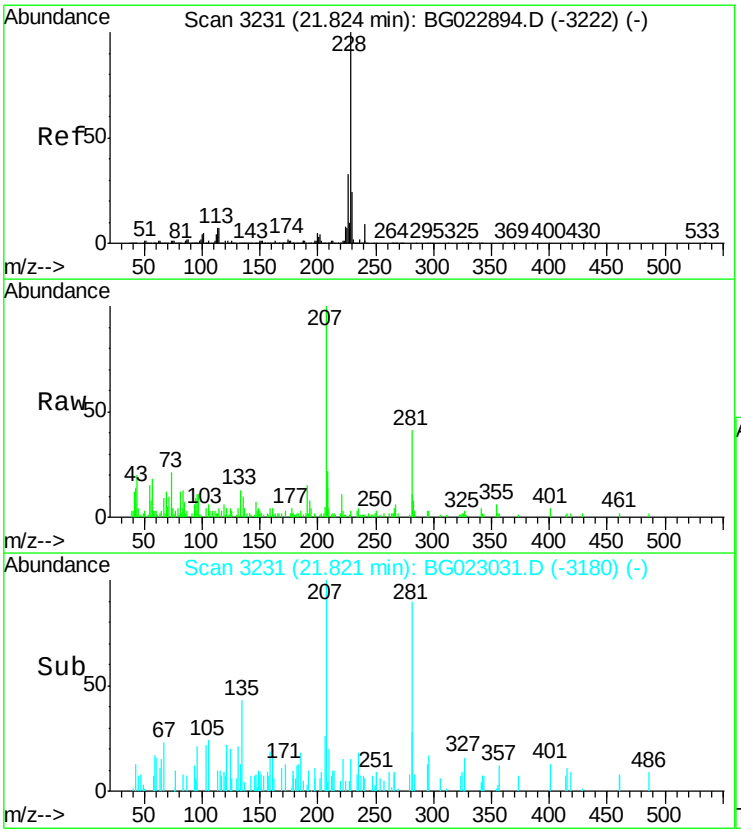
#79
Butylbenzylphthalate
Concen: 127.05 ng
RT: 20.85 min Scan# 3065
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:149 Resp: 1134

Ion	Ratio	Lower	Upper
149	100		
91	78.3	68.1	102.1
206	0.0	19.8	29.6#

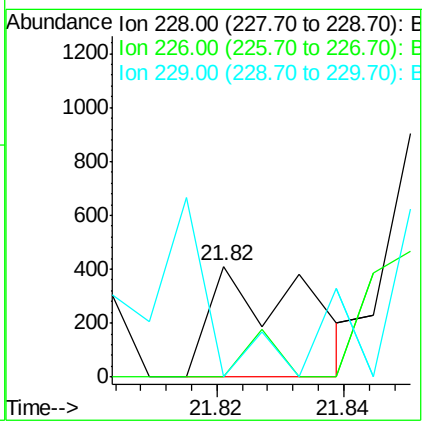


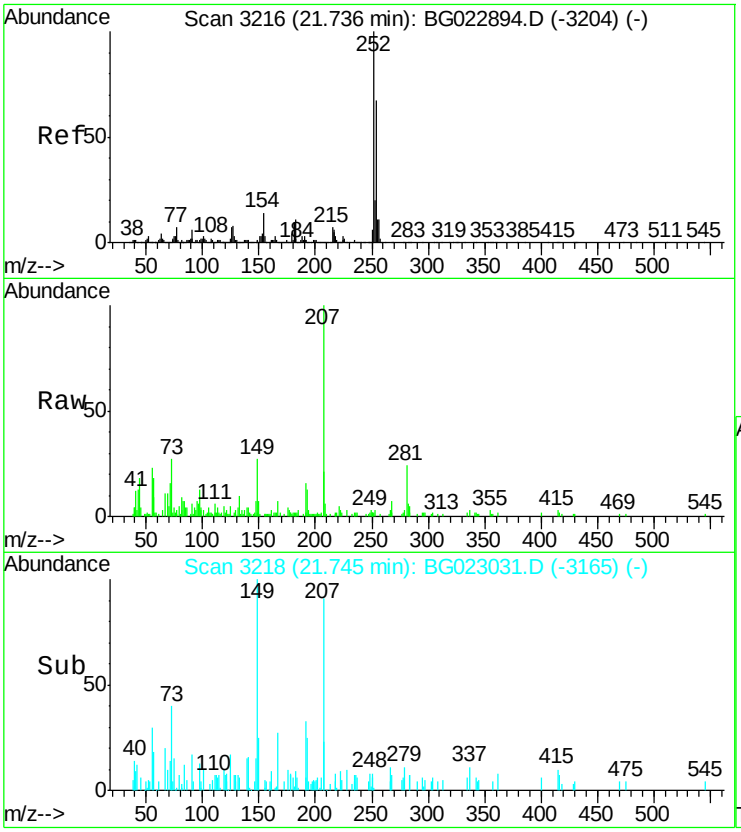


#80
Benzo(a)anthracene
Concen: 18.59 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:228 Resp: 417

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.3	37.9#
229	0.0	19.9	29.9#



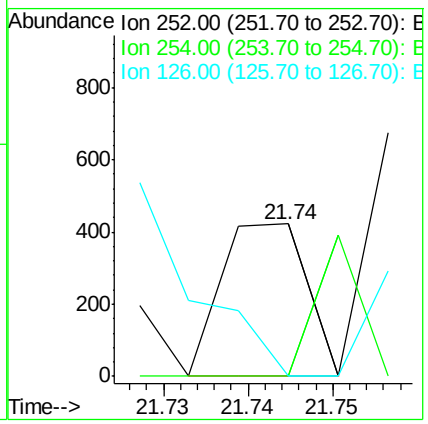


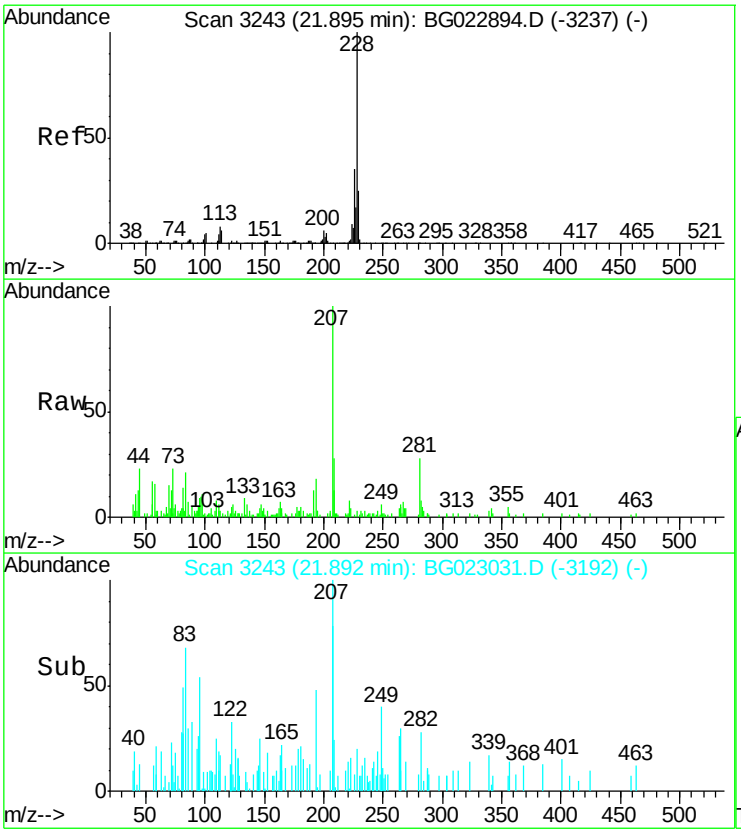
#81
3,3'-Dichlorobenzidine
Concen: 30.06 ng
RT: 21.74 min Scan# 3218
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:252 Resp: 296

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.2	76.8#
126	0.0	5.3	7.9#

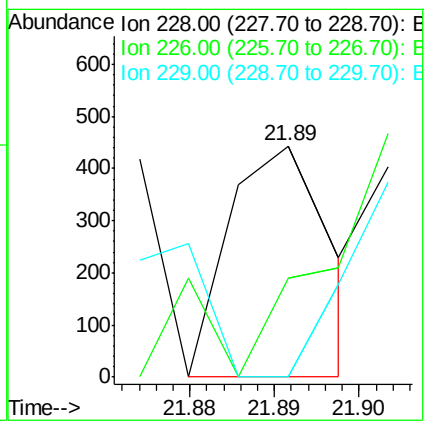


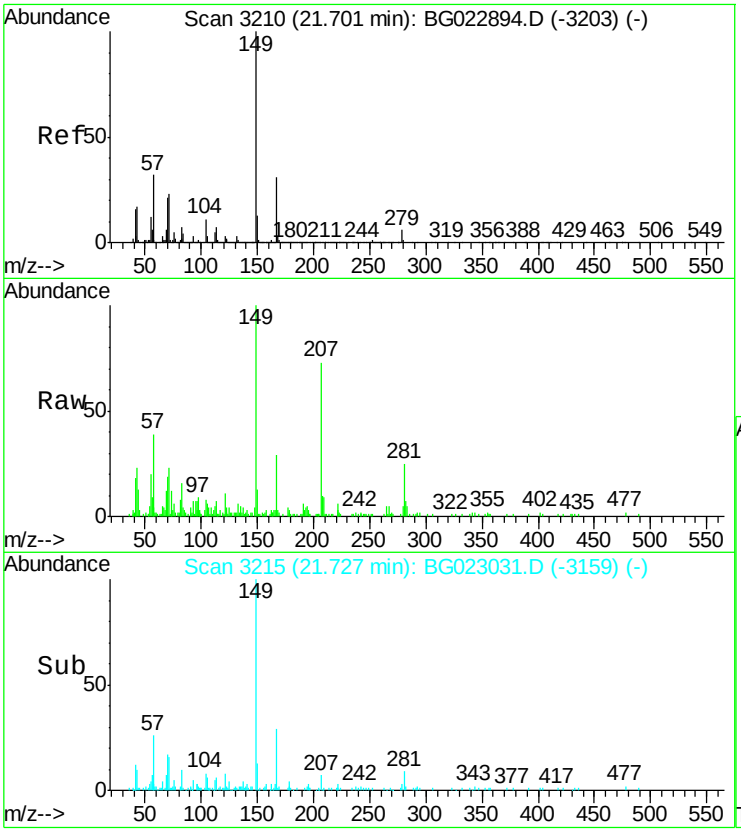


#82
Chrysene
Concen: 17.44 ng
RT: 21.89 min Scan# 3243
Delta R.T. -0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:228 Resp: 367

Ion	Ratio	Lower	Upper
228	100		
226	42.8	26.7	40.1#
229	0.0	17.4	26.2#



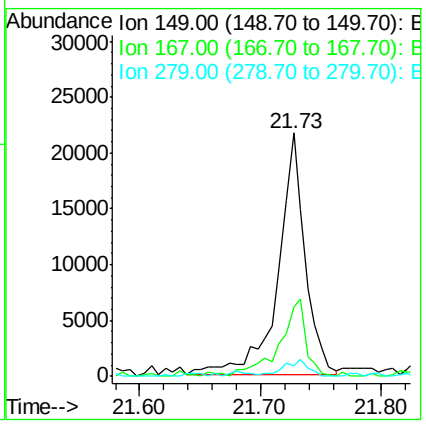


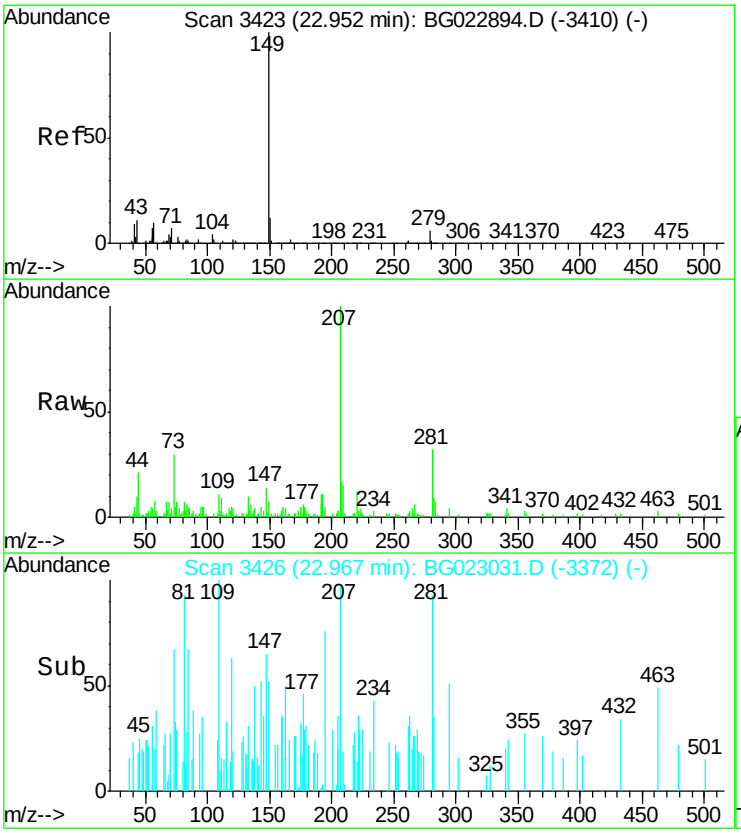
#83
Bis(2-ethylhexyl)phthalate
Concen: 2708.75 ng
RT: 21.73 min Scan# 3215
Delta R.T. 0.03 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:149 Resp: 33572

Ion	Ratio	Lower	Upper
149	100		
167	28.7	24.0	36.0
279	4.6	4.8	7.2#

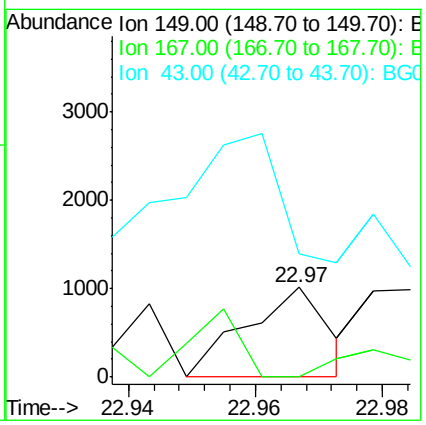


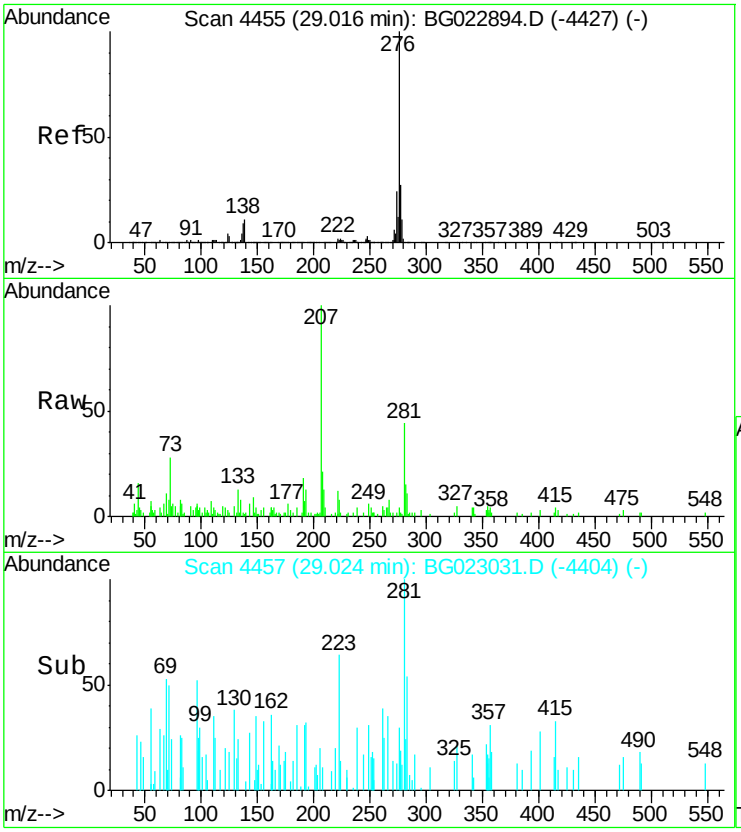


#84
Di-n-octyl phthalate
Concen: 43.88 ng
RT: 22.97 min Scan# 3426
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:149 Resp: 907

Ion	Ratio	Lower	Upper
149	100		
167	57.7	1.5	2.3#
43	172.7	8.8	13.2#



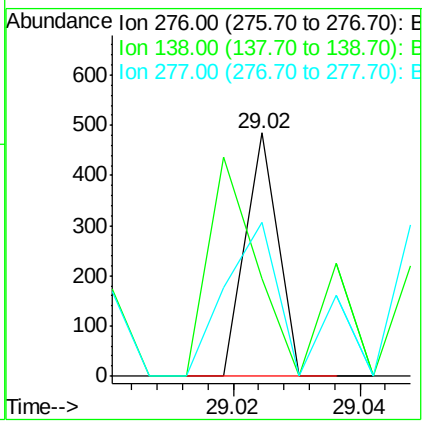


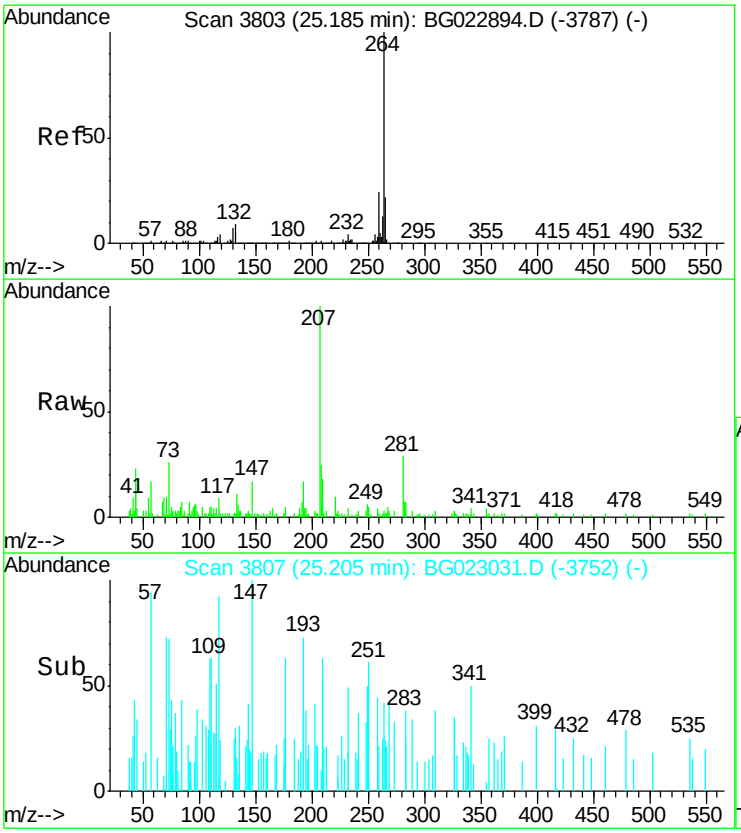
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.37 ng
RT: 29.02 min Scan# 4457
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:276 Resp: 171

Ion	Ratio	Lower	Upper
276	100		
138	165.5	0.0	0.0#
277	99.4	0.0	0.0#

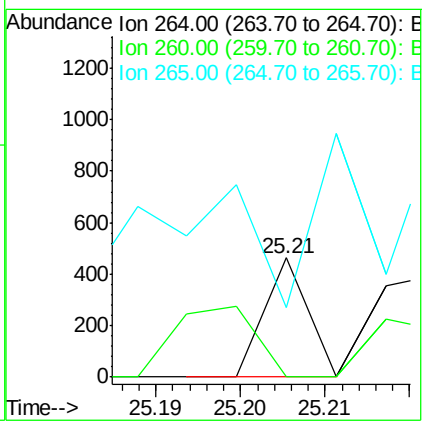


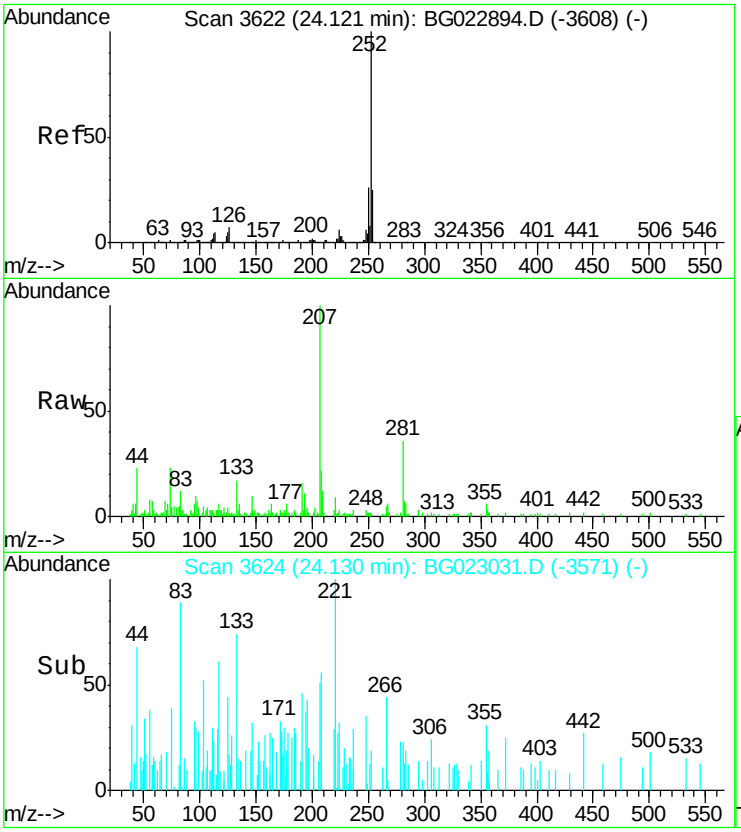


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.02 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:264 Resp: 163

Ion	Ratio	Lower	Upper
264	100		
260	0.0	18.4	27.6#
265	36.8	18.9	28.3#



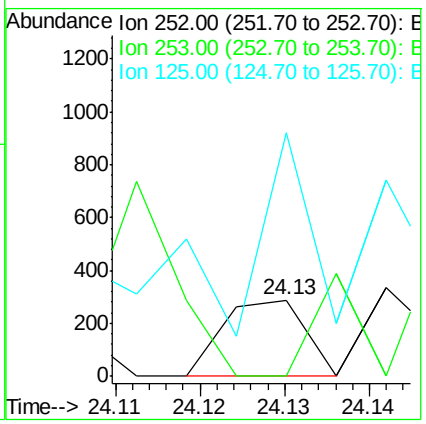


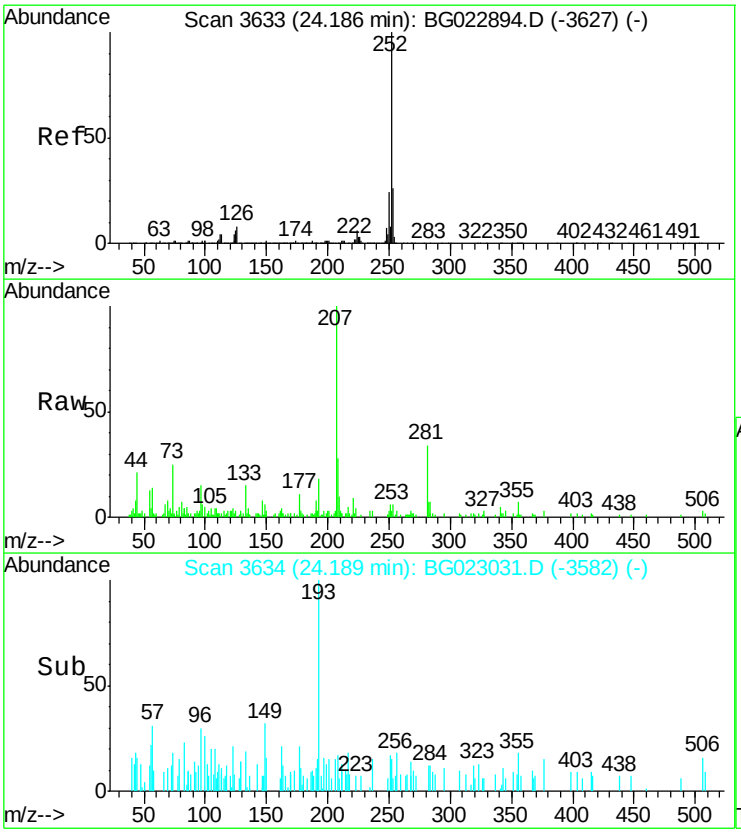
#87
Benzo(b)fluoranthene
Concen: 20.52 ng
RT: 24.13 min Scan# 3624
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:252 Resp: 193

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.9	28.3#
125	320.9	3.9	5.9#

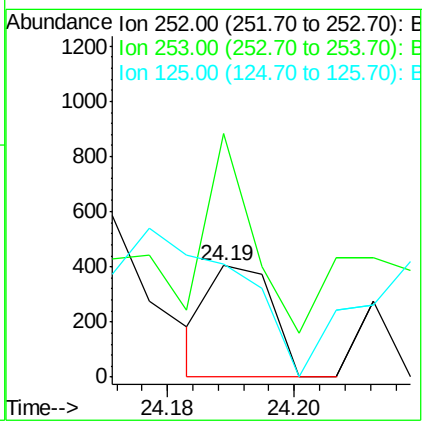


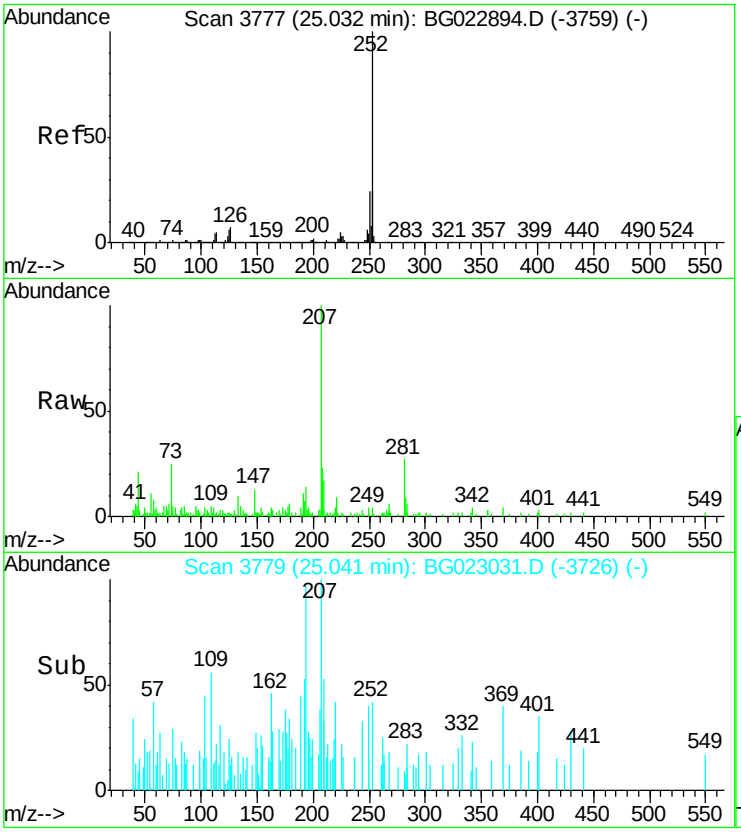


#88
Benzo(k)fluoranthene
Concen: 30.70 ng
RT: 24.19 min Scan# 3634
Delta R.T. 0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:252 Resp: 274

Ion	Ratio	Lower	Upper
252	100		
253	218.0	18.8	28.2#
125	100.7	3.2	4.8#



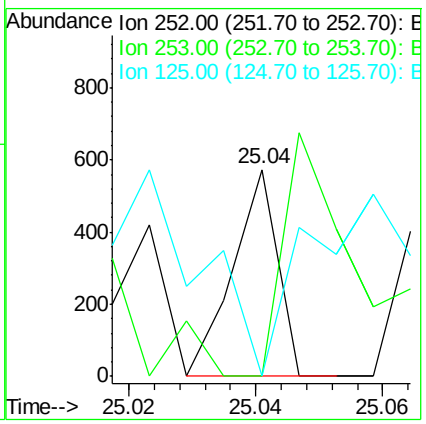


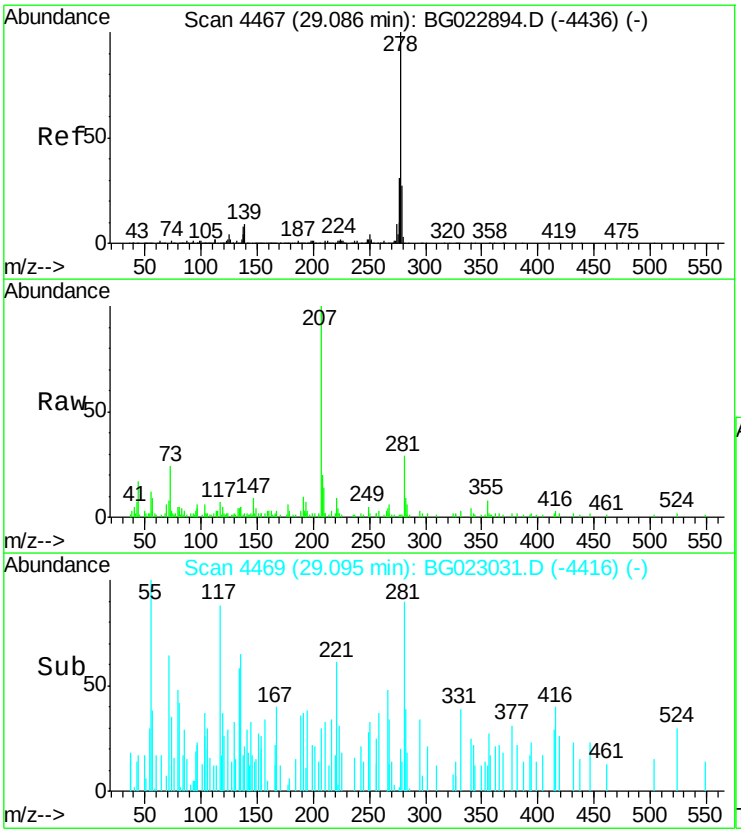
#89
Benzo(a)pyrene
Concen: 30.62 ng
RT: 25.04 min Scan# 3779
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:252 Resp: 276

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.7	28.1#
125	0.0	3.9	5.9#

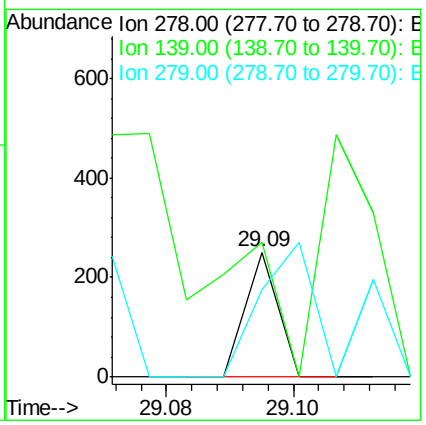


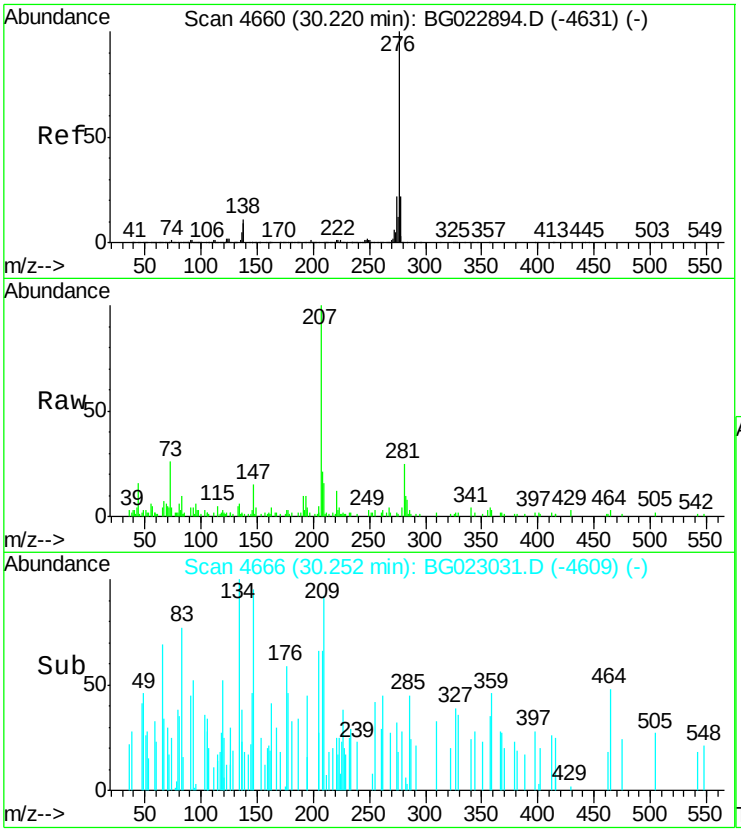


#90
Dibenzo(a,h)anthracene
Concen: 9.84 ng
RT: 29.09 min Scan# 4469
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:278 Resp: 88

Ion	Ratio	Lower	Upper
278	100		
139	107.6	4.7	7.1#
279	70.1	18.3	27.5#





#91
Benzo(g,h,i)perylene
Concen: 6.81 ng
RT: 30.25 min Scan# 4666
Delta R.T. 0.03 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:276 Resp: 61

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.6	27.8#
138	0.0	6.8	10.2#