Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034953.D
Acq On : 7 Jun 2018 15:19
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 08 04:31:01 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 07 13:13:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	35348	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	140338	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	96173	20.00	ng		0.00
63) Phenanthrene-d10	17.45	188	245864	20.00	ng		0.00
75) Chrysene-d12	21.72	240	251104	20.00	ng		0.00
86) Perylene-d12	24.97	264	259125	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	169986	81.16	ng		0.00
7) Phenol-d6	7.23	99	251759	81.44	ng		0.00
23) Nitrobenzene-d5	9.24	82	256719	86.95	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	104165	84.61	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	593069	80.17	ng		0.00
78) Terphenyl-d14	20.06	244	986894	82.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	39942	39.97	ng	#	73
3) Pyridine	3.96	79	114076	42.31	ng	#	74
4) n-Nitrosodimethylamine	3.88	42	47039	40.61	ng	#	78
6) Aniline	7.41	93	157500	39.41	ng		98
8) 2-Chlorophenol	7.65	128	85399	38.90	ng		94
9) Benzaldehyde	7.22	77	95601	40.15	ng		100
10) Phenol	7.25	94	128854	40.28	ng		96
11) bis(2-Chloroethyl)ether	7.50	93	97192	39.14	ng		89
12) 1,3-Dichlorobenzene	8.44	146	99310	37.91	ng		96
13) 1,4-Dichlorobenzene	8.12	146	106804	39.50	ng		97
14) 1,2-Dichlorobenzene	8.44	146	99313	39.10	ng		98
15) Benzyl Alcohol	8.31	79	117610	40.15	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.62	45	82512	33.39	ng		83
17) 2-Methylphenol	8.51	107	84085	39.86	ng	#	88
18) Hexachloroethane	9.17	117	39552	40.85	ng		99
19) n-Nitroso-di-n-propylamine	8.89	70	101299	38.57	ng	#	88
20) 3+4-Methylphenols	8.84	107	117805	38.96	ng		85
22) Acetophenone	8.90	105	175818	40.44	ng		94
24) Nitrobenzene	9.29	77	130497	43.16	ng		92
25) Isophorone	9.81	82	252238	40.47	ng		96
26) 2-Nitrophenol	10.00	139	45665	43.82	ng	#	84
27) 2,4-Dimethylphenol	10.05	122	85998	39.26	ng		92
28) bis(2-Chloroethoxy)methane	10.29	93	136656	40.80	ng		95
29) 2,4-Dichlorophenol	10.53	162	96804	40.62	ng		90
30) 1,2,4-Trichlorobenzene	10.75	180	115976	40.58	ng		98
31) Naphthalene	10.94	128	293174	40.21	ng		98
32) Benzoic acid	10.17	122	63959	43.59	ng		92
33) 4-Chloroaniline	11.04	127	128169	40.49	ng	#	93
34) Hexachlorobutadiene	11.23	225	89651	40.34	ng		99
35) Caprolactam	11.81	113	35265	40.04	ng	#	74
36) 4-Chloro-3-methylphenol	12.15	107	122811	41.34	ng		96
37) 2-Methylnaphthalene	12.54	142	220941	39.97	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	145653	40.66	ng		97
40) Hexachlorocyclopentadiene	12.89	237	93399	41.58	ng		93

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034953.D
Acq On : 7 Jun 2018 15:19
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 08 04:31:01 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 07 13:13:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	92215	42.99	ng		95
43) 2,4,5-Trichlorophenol	13.20	196	98752	41.95	ng		96
45) 1,1'-Biphenyl	13.54	154	313326	40.52	ng		100
46) 2-Chloronaphthalene	13.59	162	237422	40.61	ng		99
47) 2-Nitroaniline	13.77	65	75426	43.69	ng		98
48) Acenaphthylene	14.43	152	396084	40.40	ng		100
49) Dimethylphthalate	14.16	163	337988	40.30	ng		98
50) 2,6-Dinitrotoluene	14.27	165	64218	41.97	ng		93
51) Acenaphthene	14.77	154	263227	41.09	ng		99
52) 3-Nitroaniline	14.60	138	68467	45.60	ng	#	92
53) 2,4-Dinitrophenol	14.80	184	28233	45.60	ng	#	64
54) Dibenzofuran	15.10	168	388488	40.49	ng		92
55) 4-Nitrophenol	14.89	139	56105	44.28	ng	#	88
56) 2,4-Dinitrotoluene	15.05	165	88229	43.41	ng		99
57) Fluorene	15.75	166	326270	40.69	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.32	232	94105	41.15	ng		98
59) Diethylphthalate	15.52	149	340458	39.79	ng		99
60) 4-Chlorophenyl-phenylether	15.75	204	183707	40.18	ng		98
61) 4-Nitroaniline	15.77	138	69245	43.01	ng	#	77
62) Azobenzene	16.04	77	339234	40.46	ng		95
64) 4,6-Dinitro-2-methylphenol	15.82	198	47712	42.50	ng		88
65) n-Nitrosodiphenylamine	15.96	169	300726	40.73	ng		98
66) 4-Bromophenyl-phenylether	16.64	248	121622	41.08	ng		94
67) Hexachlorobenzene	16.75	284	121092	40.18	ng		97
68) Atrazine	16.90	200	125863	39.97	ng		95
69) Pentachlorophenol	17.09	266	88699	43.77	ng		97
70) Phenanthrene	17.49	178	512941	41.07	ng		98
71) Anthracene	17.59	178	506334	40.47	ng		98
72) Carbazole	17.84	167	475000	40.92	ng		98
73) Di-n-butylphthalate	18.42	149	564595	40.81	ng	#	98
74) Fluoranthene	19.50	202	661840	40.72	ng		97
76) Benzidine	19.67	184	376998	40.36	ng	#	96
77) Pyrene	19.85	202	669443	40.44	ng		99
79) Butylbenzylphthalate	20.75	149	254097	42.27	ng		98
80) Benzo(a)anthracene	21.70	228	646660	40.30	ng		99
81) 3,3'-Dichlorobenzidine	21.62	252	249079	41.26	ng		98
82) Chrysene	21.77	228	601065	40.91	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	355198	41.82	ng		98
84) Di-n-octyl phthalate	22.87	149	606218	41.60	ng		95
85) Indeno(1,2,3-cd)pyrene	28.68	276	722255	41.98	ng	#	85
87) Benzo(b)fluoranthene	23.94	252	645339	40.44	ng	#	96
88) Benzo(k)fluoranthene	24.01	252	623580	39.95	ng	#	97
89) Benzo(a)pyrene	24.82	252	606410	40.39	ng	#	95
90) Dibenzo(a,h)anthracene	28.75	278	593496	40.04	ng		94
91) Benzo(g,h,i)perylene	29.83	276	581706	40.10	ng	#	93

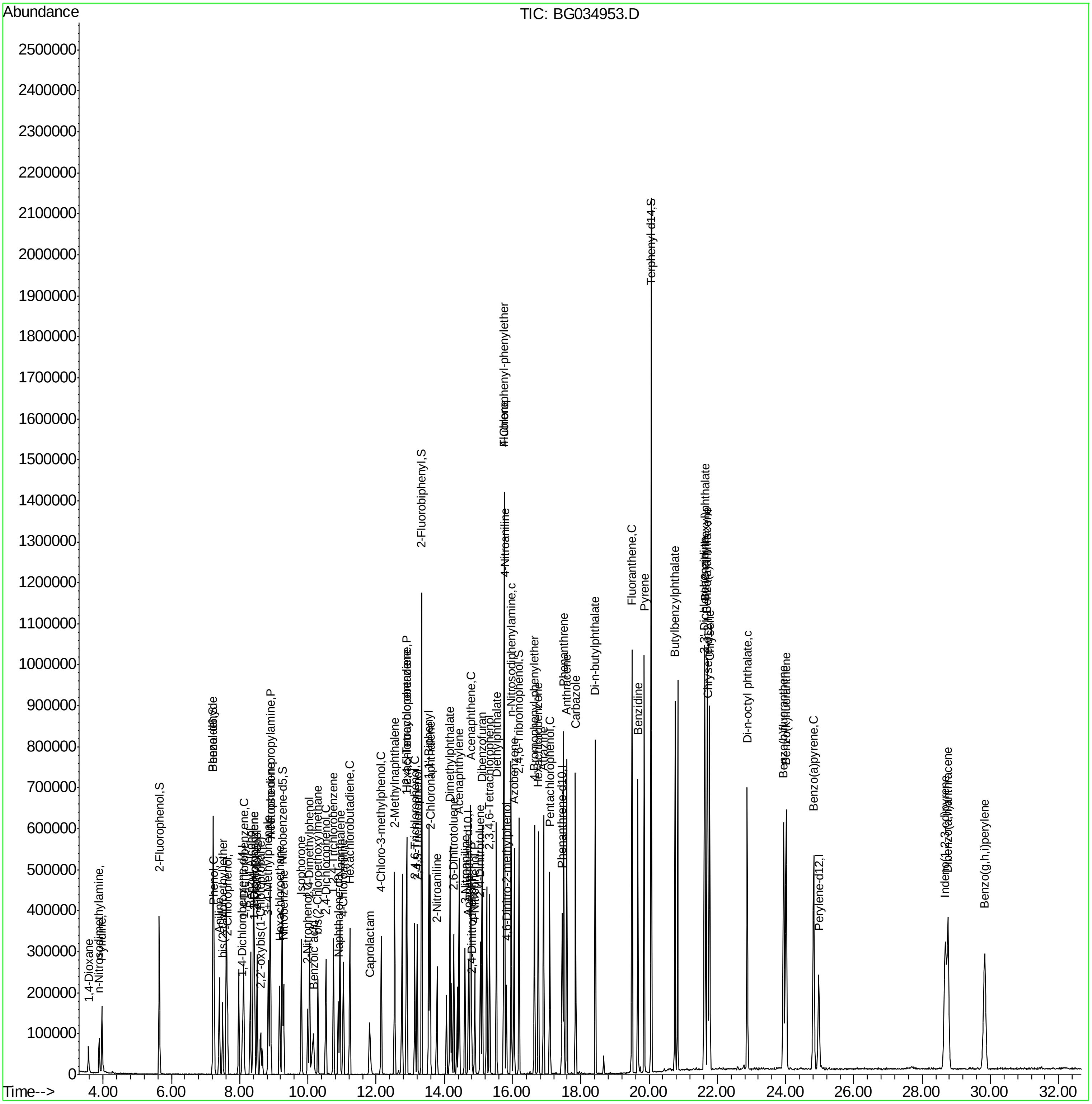
(#) = qualifier out of range (m) = manual integration (+) = signals summed

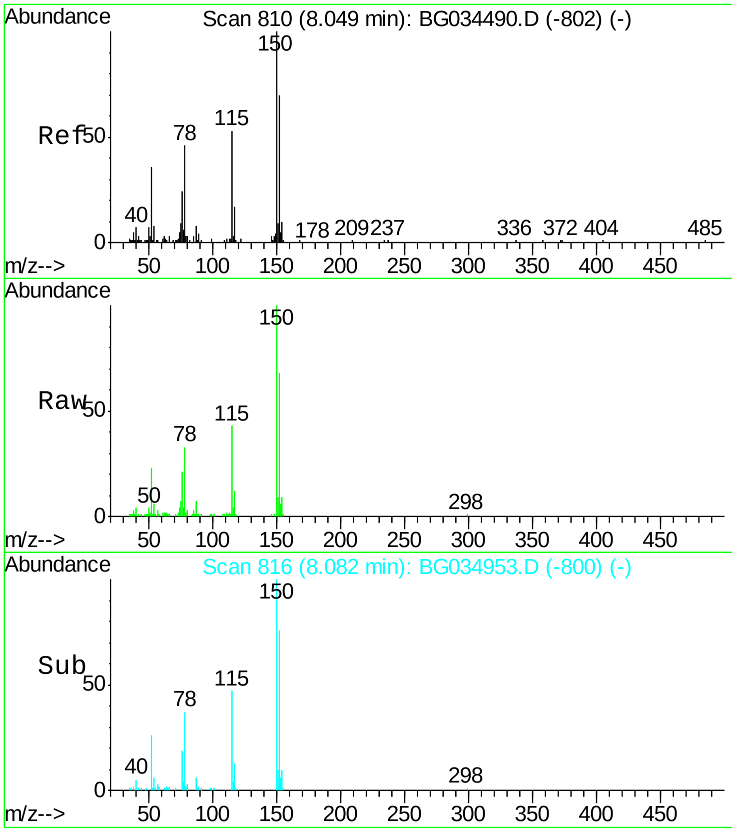
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034953.D
Acq On : 7 Jun 2018 15:19
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 08 04:31:01 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 07 13:13:20 2018
Response via : Initial Calibration



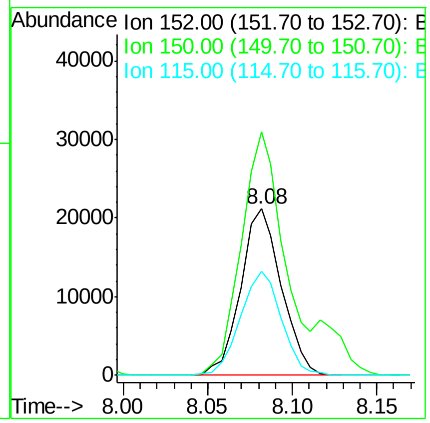


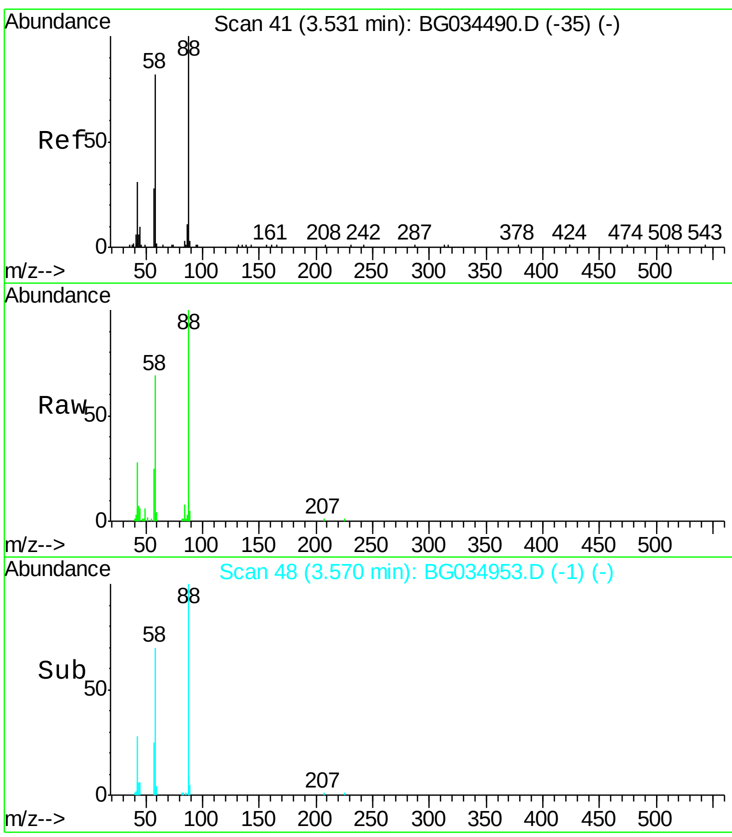
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min   Scan# 816
Delta R.T.   -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018   15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 35348

Ion	Ratio	Lower	Upper
152	100		
150	146.5	126.6	189.8
115	62.6	53.0	79.4

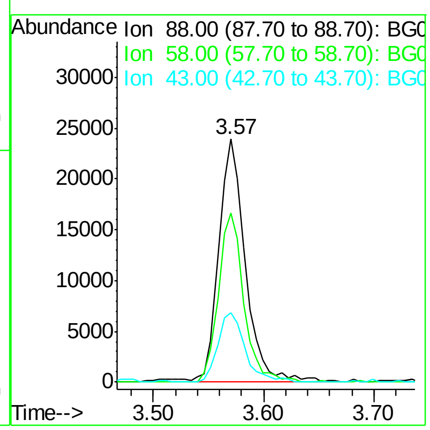




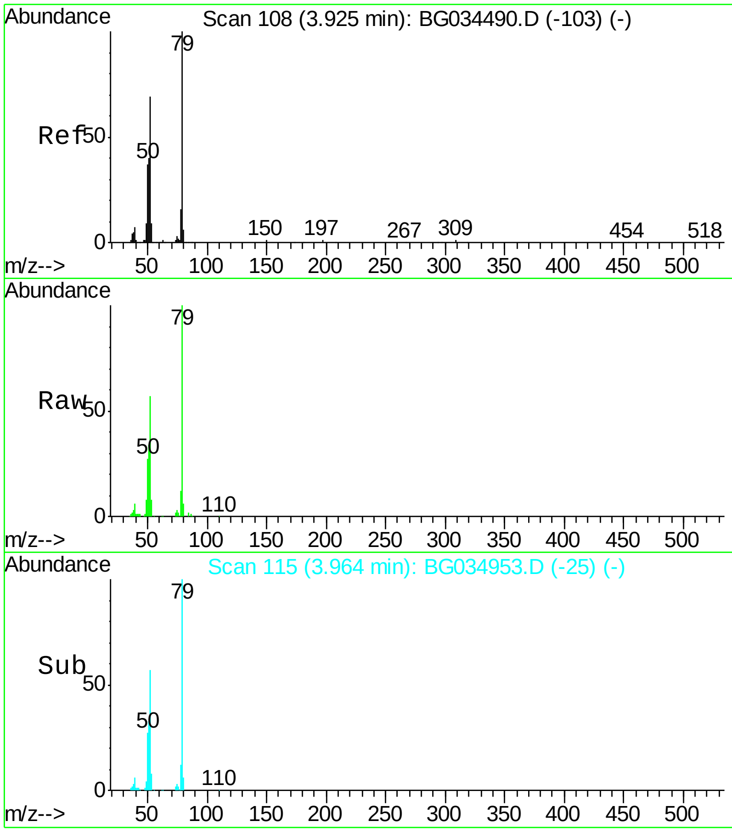
#2
1,4-Dioxane
Concen: 39.97 ng
RT: 3.57 min   Scan# 48
Delta R.T.   0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018   15:19

Tgt Ion: 88 Resp: 39942

Ion	Ratio	Lower	Upper
88	100		
58	66.4	79.6	119.4#
43	29.3	27.4	41.0



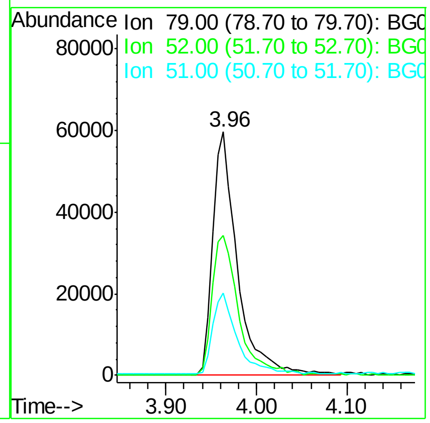
Instrument :
BNA_G
ClientSampleId :

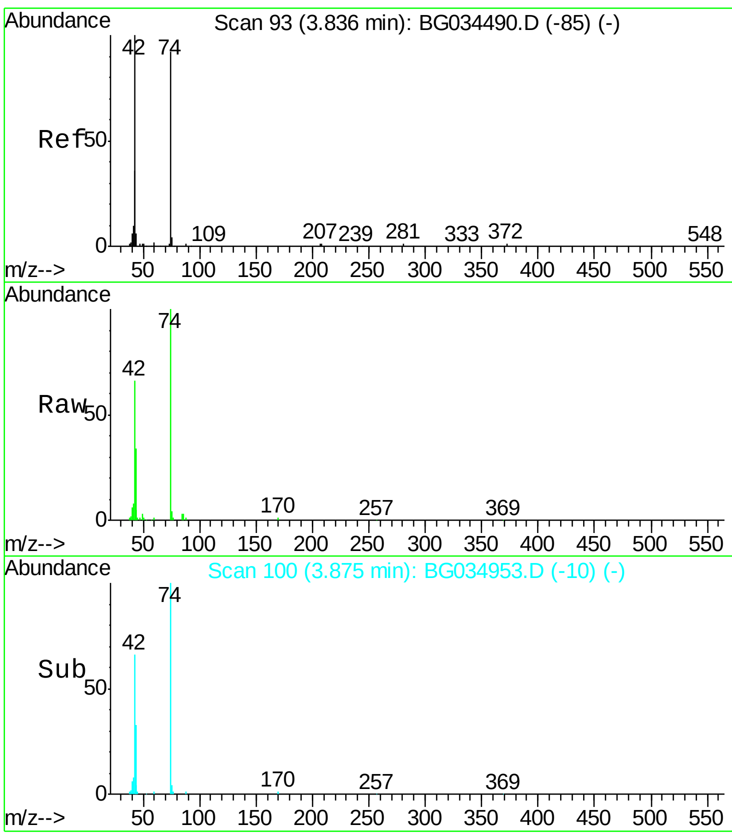


#3
Pyridine
Concen: 42.31 ng
RT: 3.96 min Scan# 115
Delta R.T. 0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion: 79 Resp: 114076

Ion	Ratio	Lower	Upper
79	100		
52	57.5	69.9	104.9#
51	33.6	34.0	51.0#

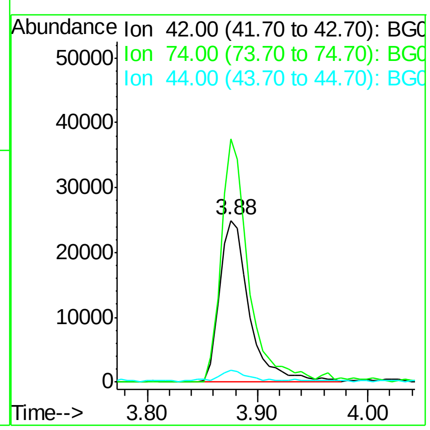


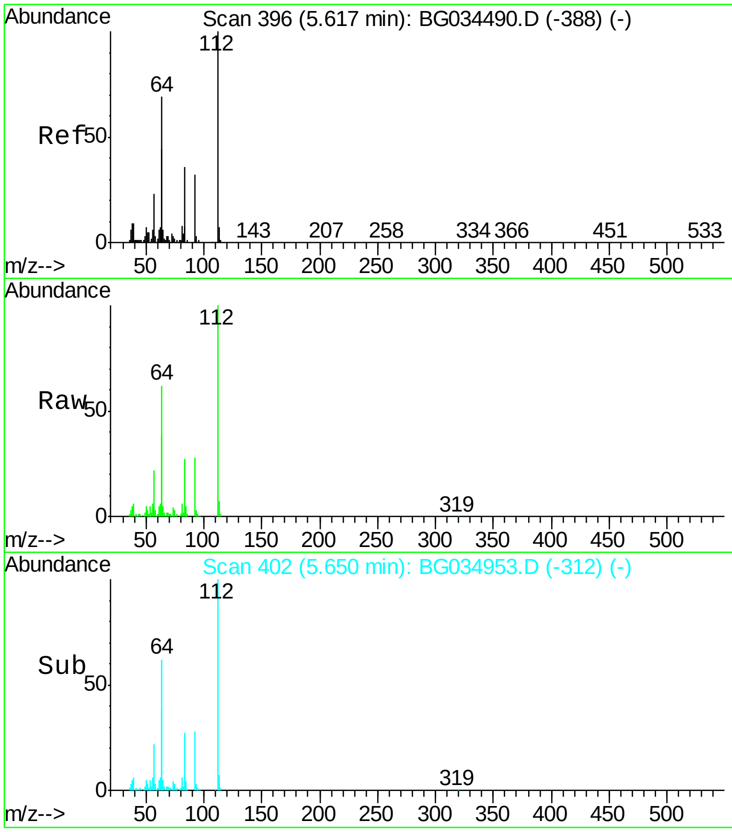


#4
n-Nitrosodimethylamine
Concen: 40.61 ng
RT: 3.88 min Scan# 100
Delta R.T. 0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion: 42 Resp: 47039

Ion	Ratio	Lower	Upper
42	100		
74	150.5	102.5	153.7
44	7.2	18.9	28.3#



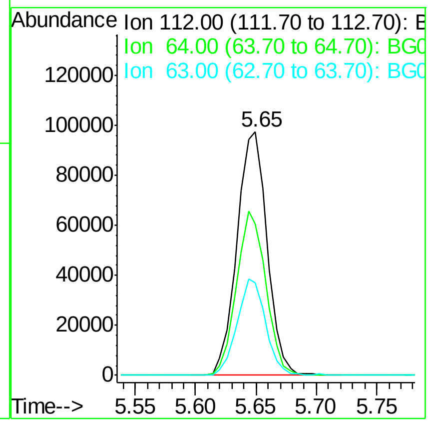


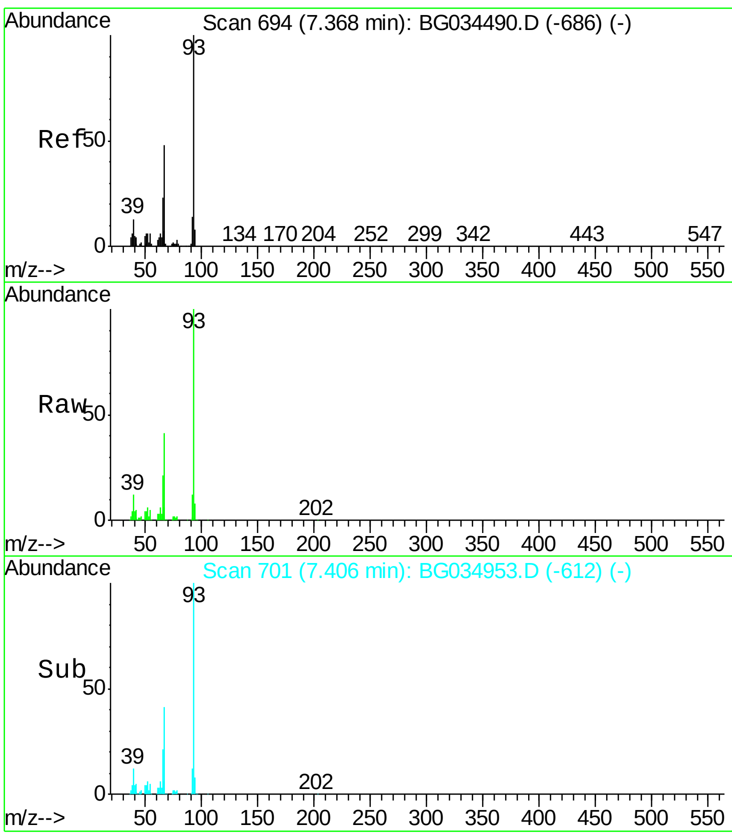
#5
2-Fluorophenol
Concen: 81.16 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 169986

Ion	Ratio	Lower	Upper
112	100		
64	62.2	56.3	84.5
63	38.1	30.1	45.1

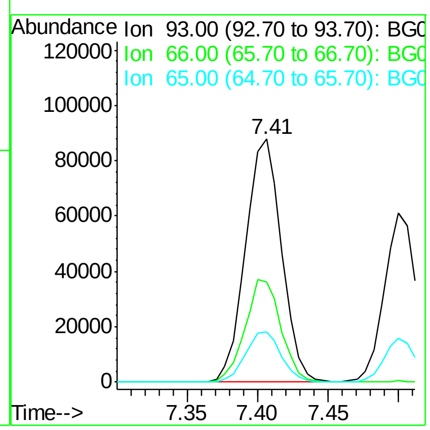


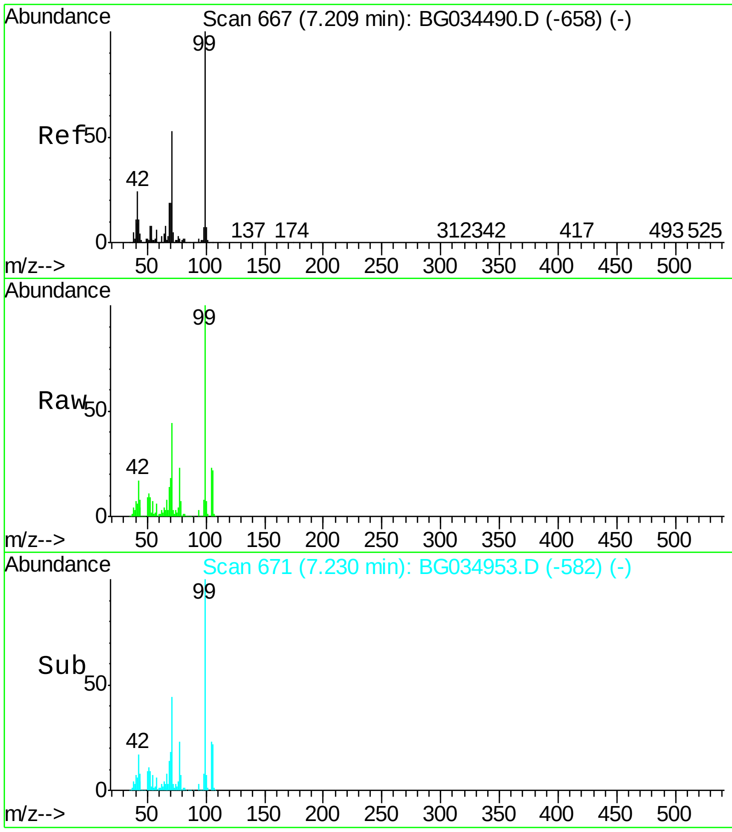


#6
Aniline
Concen: 39.41 ng
RT: 7.41 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion: 93 Resp: 157500

Ion	Ratio	Lower	Upper
93	100		
66	41.1	33.7	50.5
65	20.8	16.1	24.1



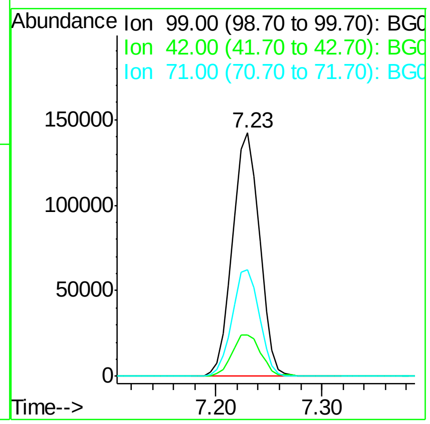


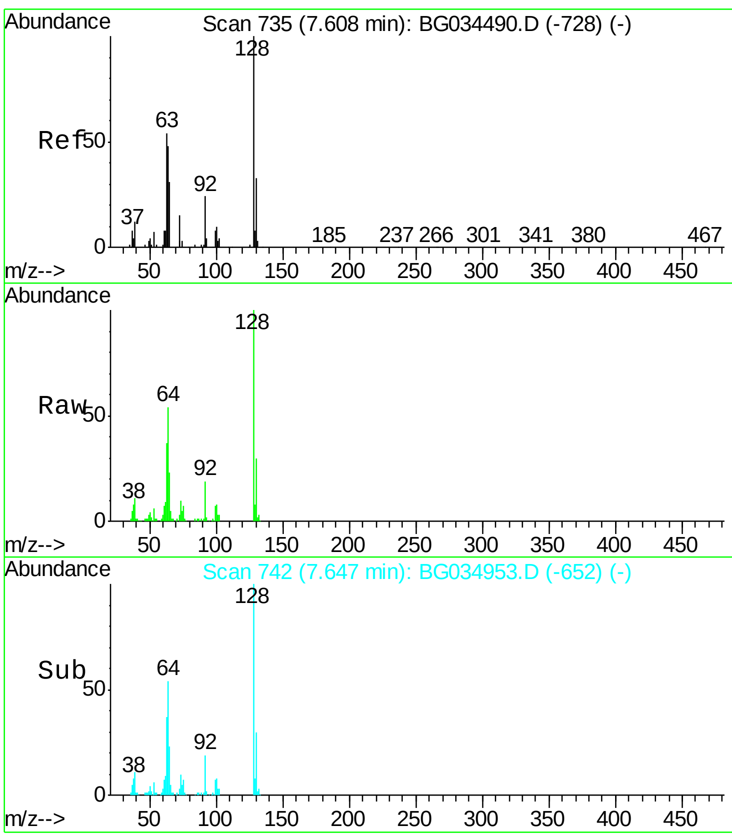
#7
Phenol-d6
Concen: 81.44 ng
RT: 7.23 min Scan# 671
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 251759

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.1	21.1
71	43.7	26.1	39.1#

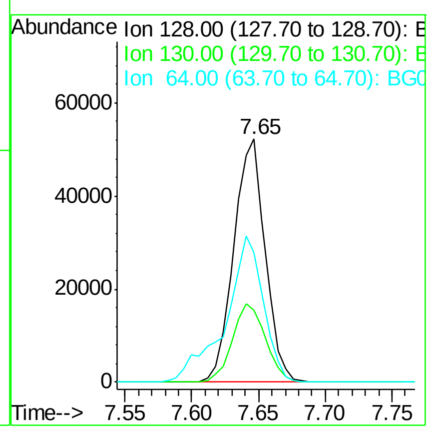


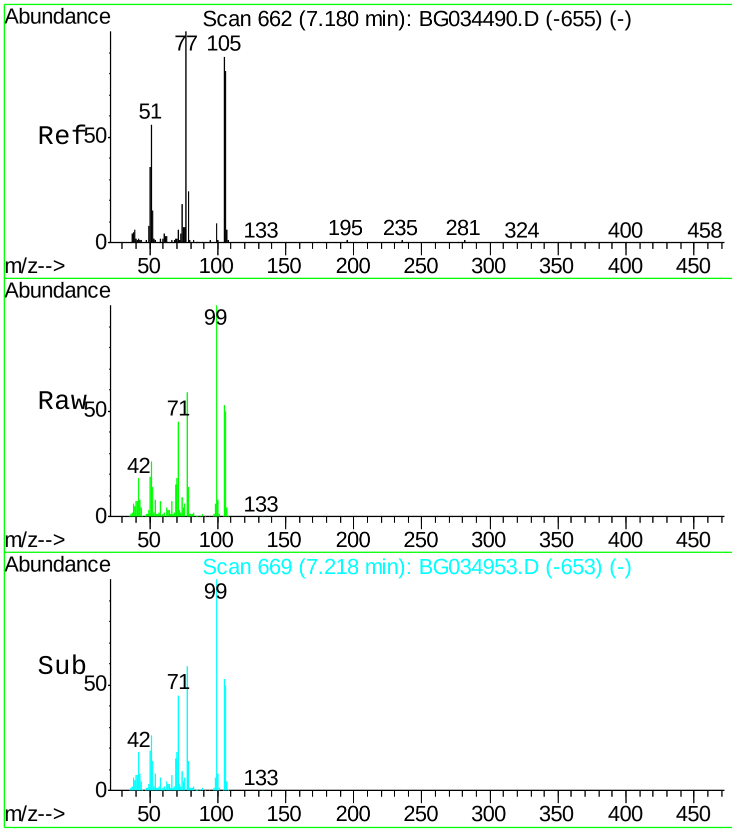


#8
2-Chlorophenol
Concen: 38.90 ng
RT: 7.65 min Scan# 742
Delta R.T. 0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:128 Resp: 85399

Ion	Ratio	Lower	Upper
128	100		
130	29.8	14.0	54.0
64	53.5	37.7	77.7



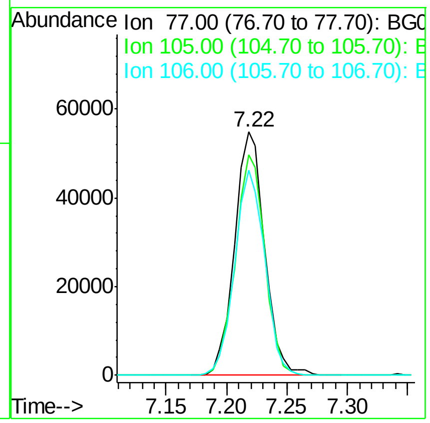


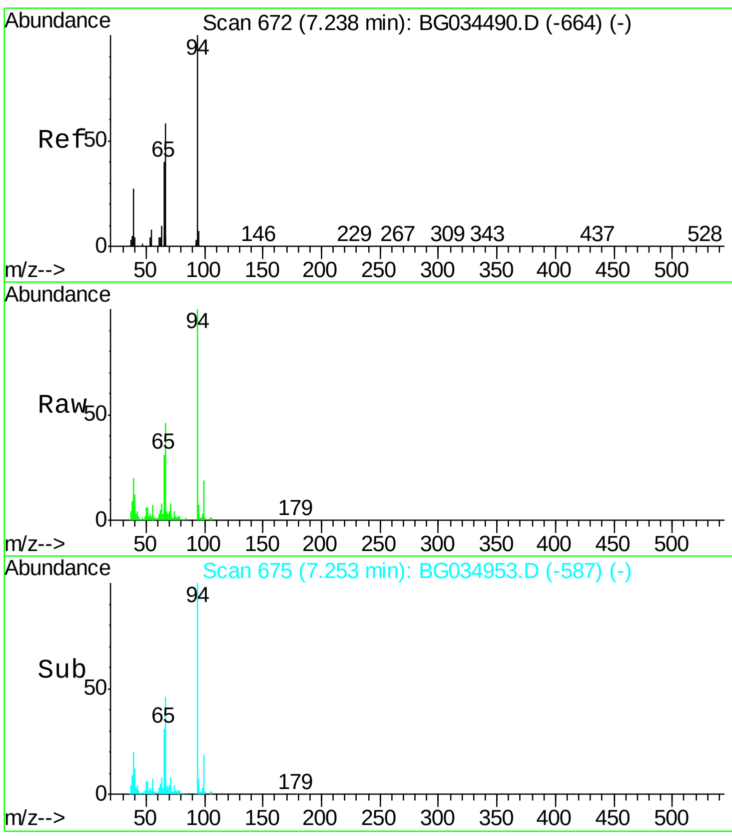
#9
Benzaldehyde
Concen: 40.15 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 95601

Ion	Ratio	Lower	Upper
77	100		
105	90.5	71.3	111.3
106	84.2	64.2	104.2

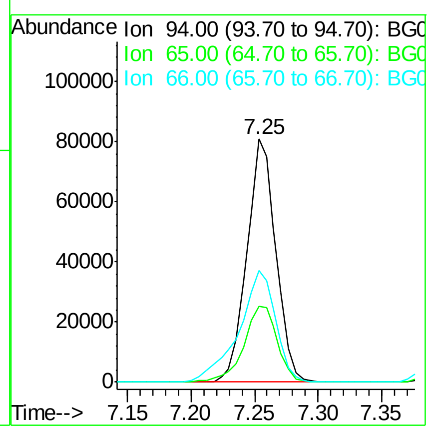


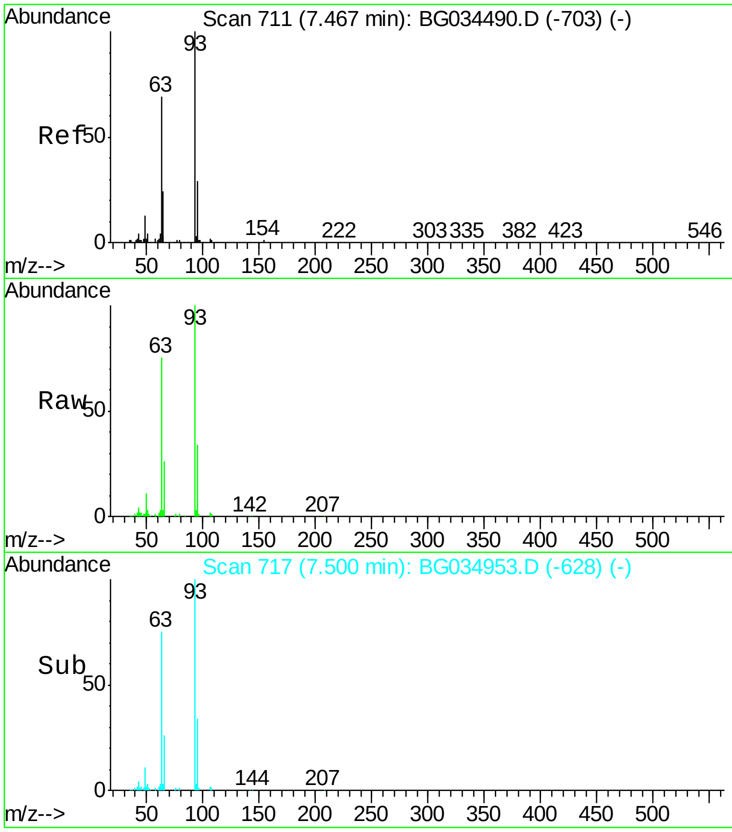


#10
Phenol
Concen: 40.28 ng
RT: 7.25 min Scan# 675
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion: 94 Resp: 128854

Ion	Ratio	Lower	Upper
94	100		
65	31.0	11.9	51.9
66	45.8	22.2	62.2



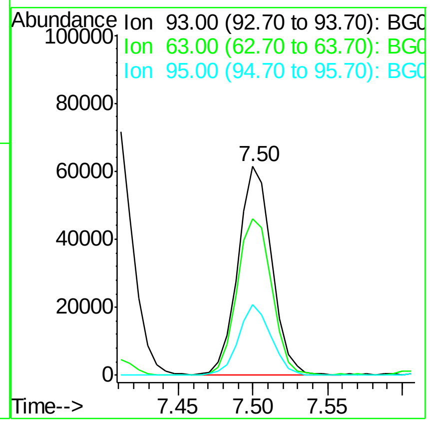


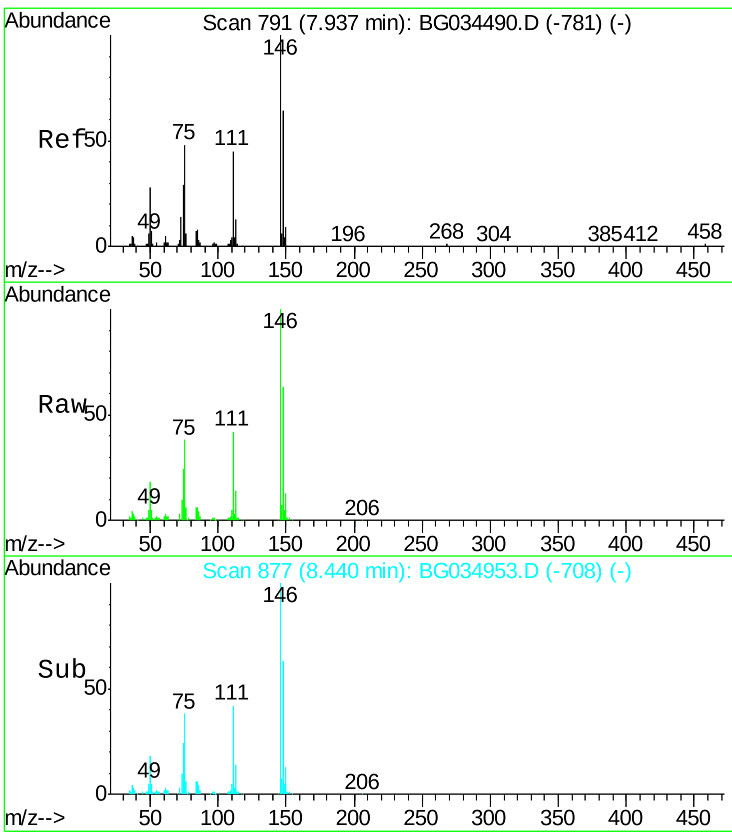
#11
bis(2-Chloroethyl)ether
Concen: 39.14 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 97192

Ion	Ratio	Lower	Upper
93	100		
63	75.2	67.1	107.1
95	34.2	11.5	51.5

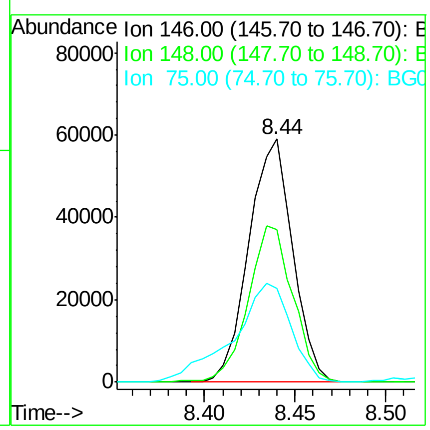


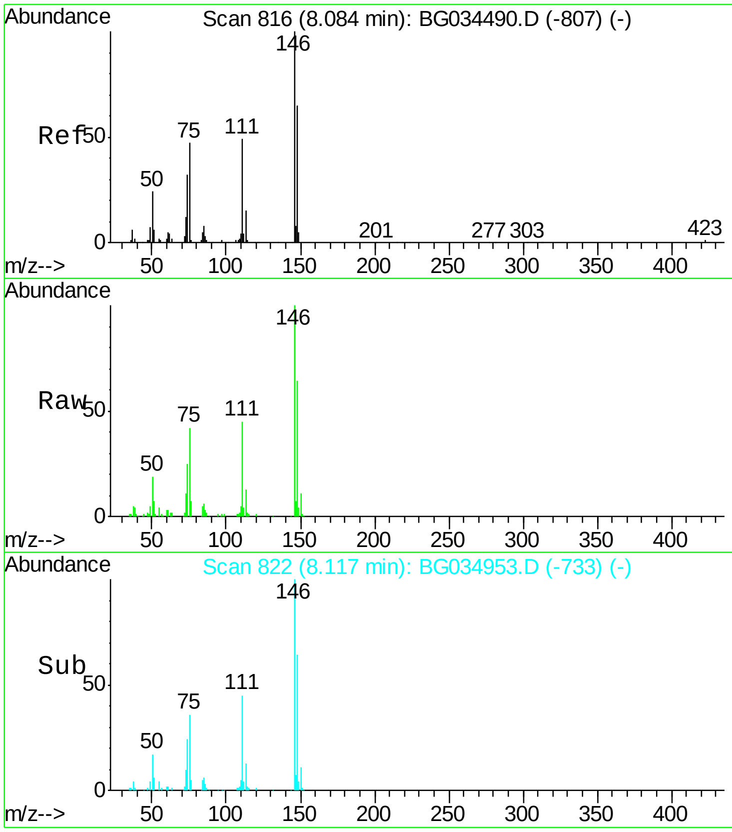


#12
1,3-Dichlorobenzene
Concen: 37.91 ng
RT: 8.44 min Scan# 877
Delta R.T. 0.46 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:146 Resp: 99310

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.4	77.2
75	38.3	26.6	39.8



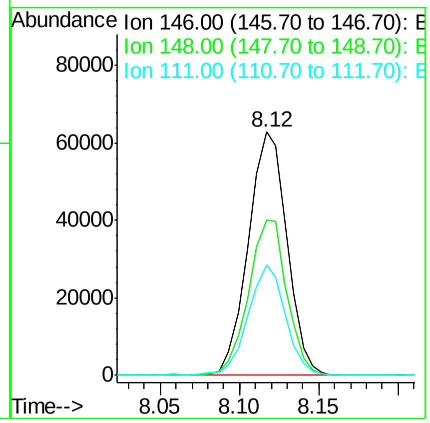


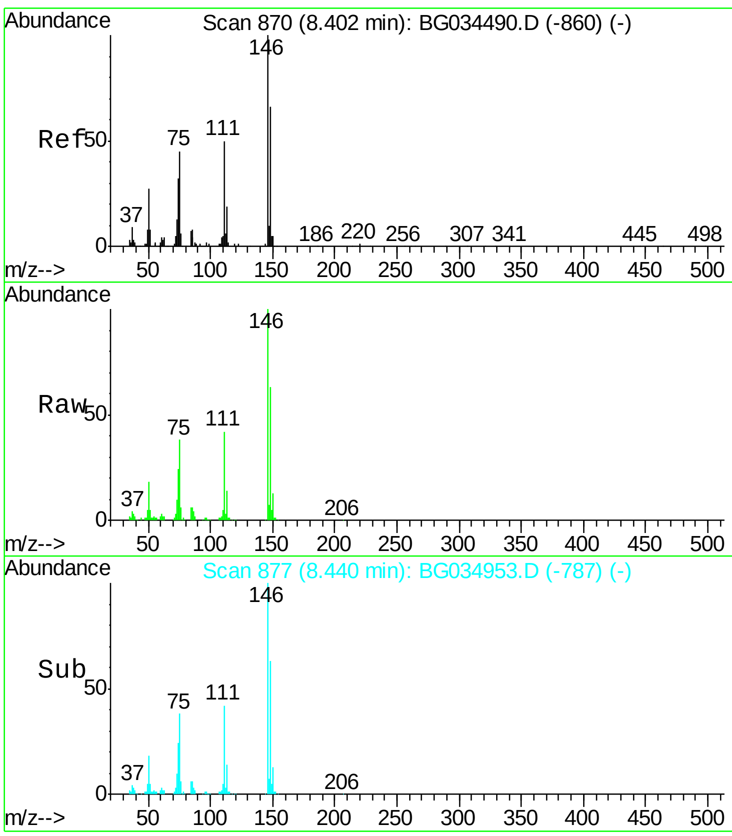
#13
1,4-Dichlorobenzene
Concen: 39.50 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:146 Resp: 106804

Ion	Ratio	Lower	Upper
146	100		
148	63.8	53.7	80.5
111	45.2	35.2	52.8

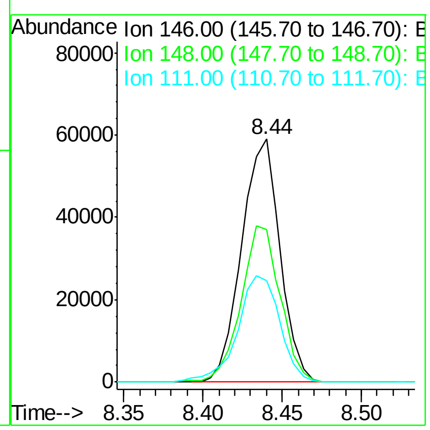


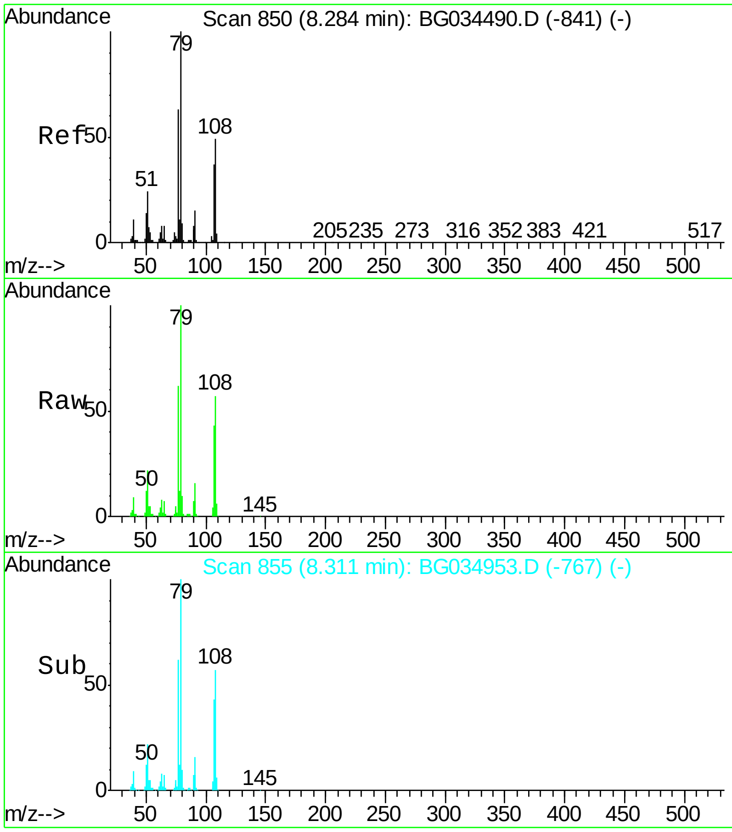


#14
1,2-Dichlorobenzene
Concen: 39.10 ng
RT: 8.44 min Scan# 877
Delta R.T. 0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:146 Resp: 99313

Ion	Ratio	Lower	Upper
146	100		
148	62.9	49.3	73.9
111	41.5	34.3	51.5



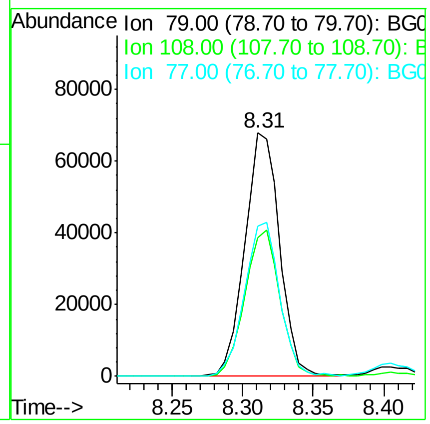


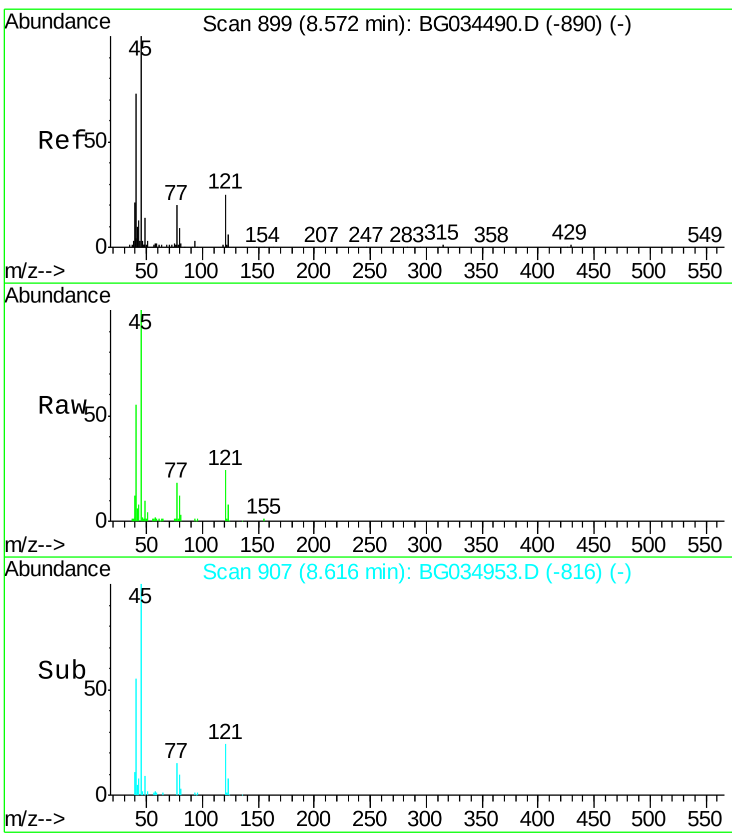
#15
Benzyl Alcohol
Concen: 40.15 ng
RT: 8.31 min Scan# 855
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 117610

Ion	Ratio	Lower	Upper
79	100		
108	56.8	57.2	85.8#
77	61.8	46.1	69.1

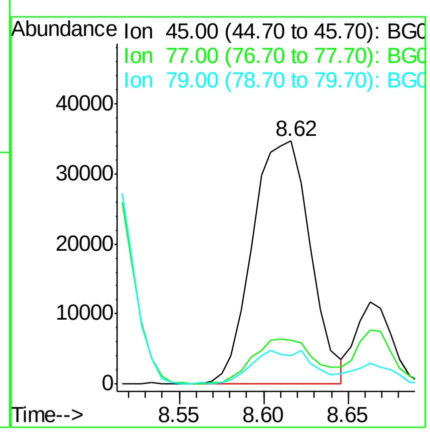




#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.39 ng
RT: 8.62 min Scan# 907
Delta R.T. 0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion: 45 Resp: 82512

Ion	Ratio	Lower	Upper
45	100		
77	18.0	0.0	30.2
79	11.9	0.0	27.9

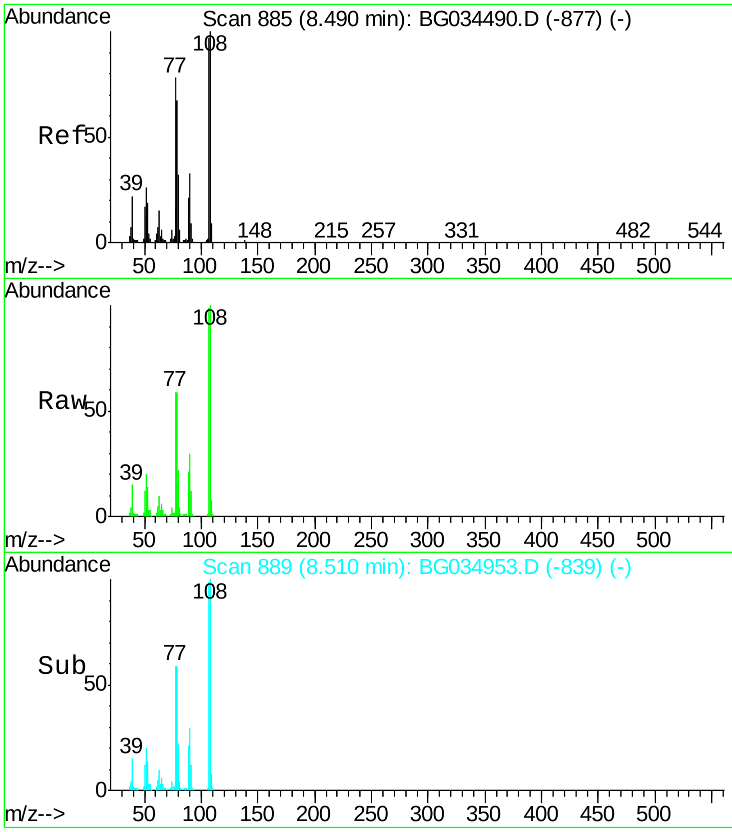


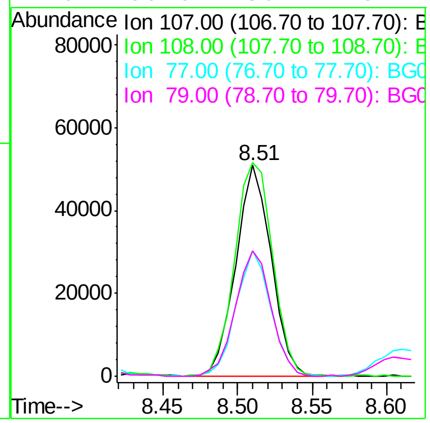
#17
2-Methylphenol
Concen: 39.86 ng
RT: 8.51 min Scan# 889
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 84085

Ion	Ratio	Lower	Upper
107	100		
108	101.3	83.9	125.9
77	59.8	37.2	55.8#
79	59.5	36.2	54.2#

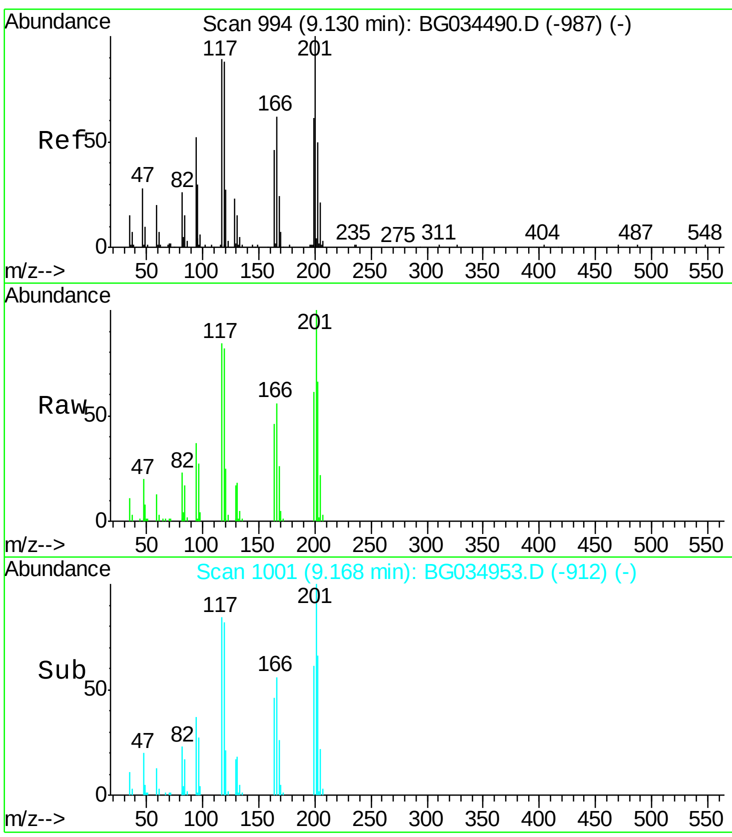


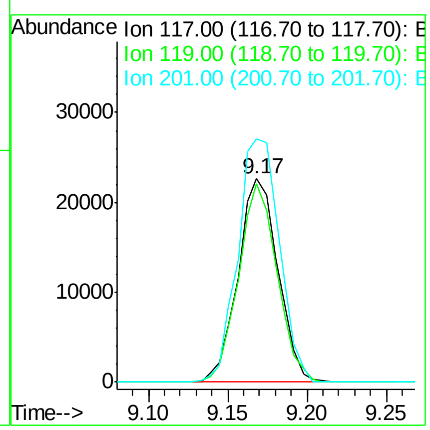


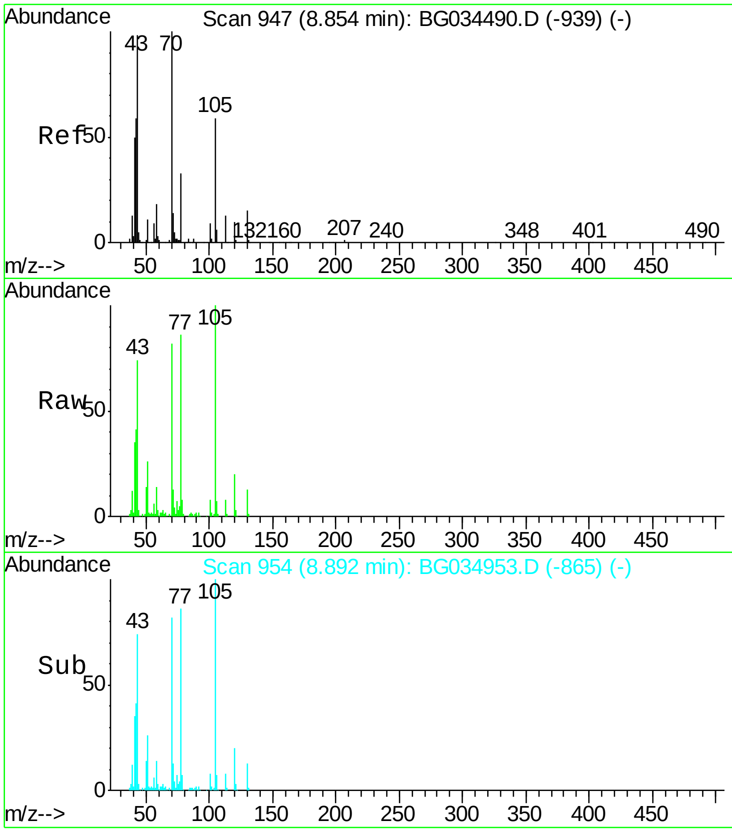
#18
Hexachloroethane
Concen: 40.85 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:117 Resp: 39552

Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.7	115.1
201	119.7	95.7	143.5





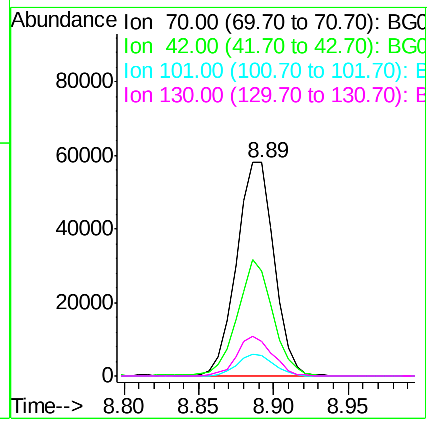


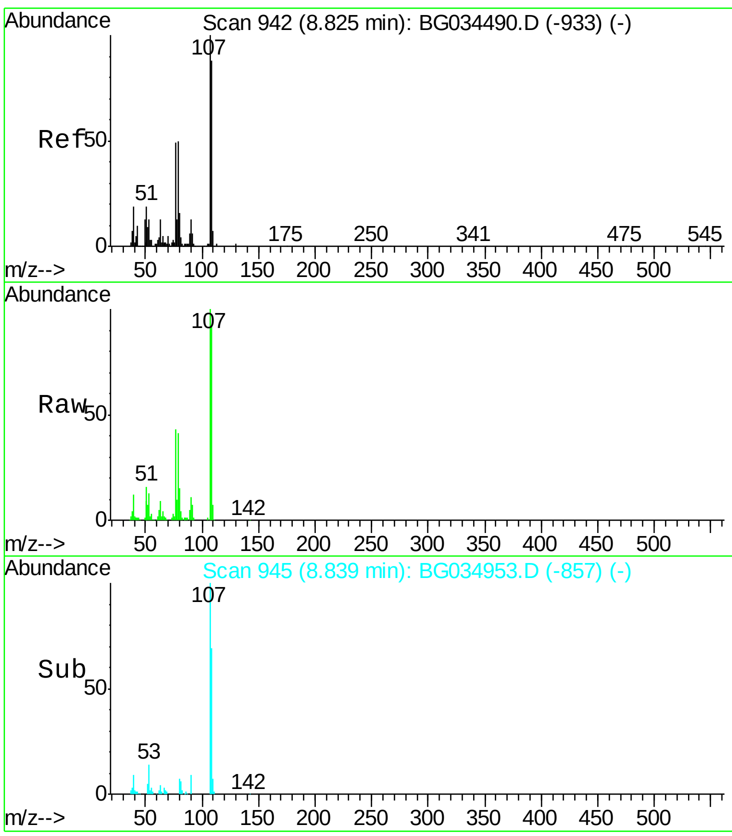
#19
n-Nitroso-di-n-propylamine
Concen: 38.57 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 101299

Ion	Ratio	Lower	Upper
70	100		
42	49.1	49.1	73.7#
101	9.4	8.5	12.7
130	16.1	13.4	20.0

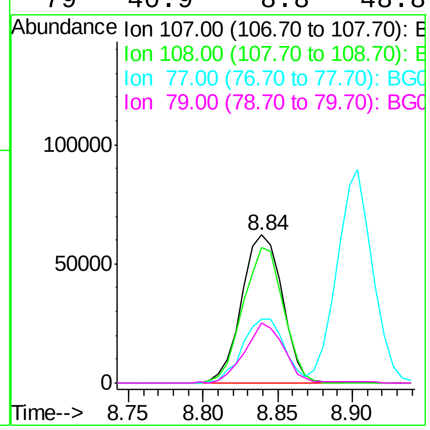


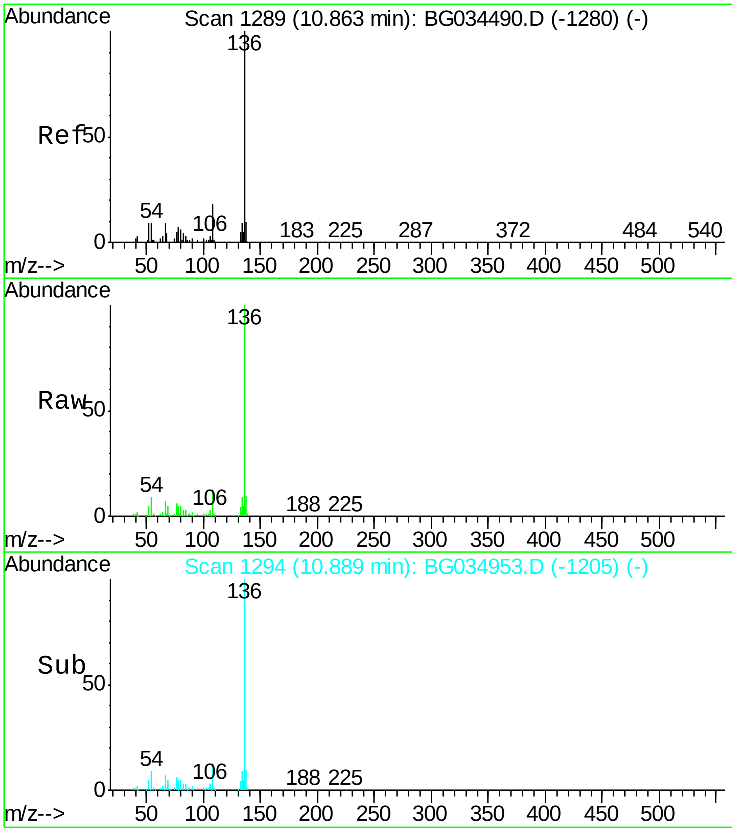


#20
3+4-Methylphenols
Concen: 38.96 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:107 Resp: 117805

Ion	Ratio	Lower	Upper
107	100		
108	91.6	61.6	101.6
77	43.0	13.9	53.9
79	40.9	8.8	48.8



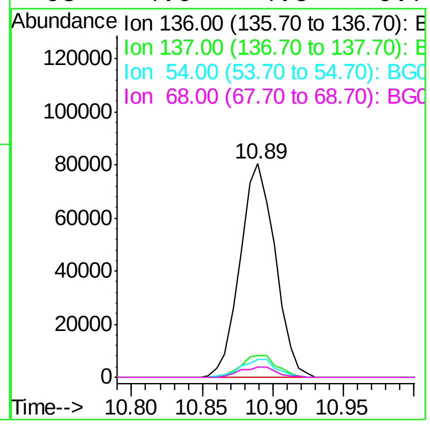


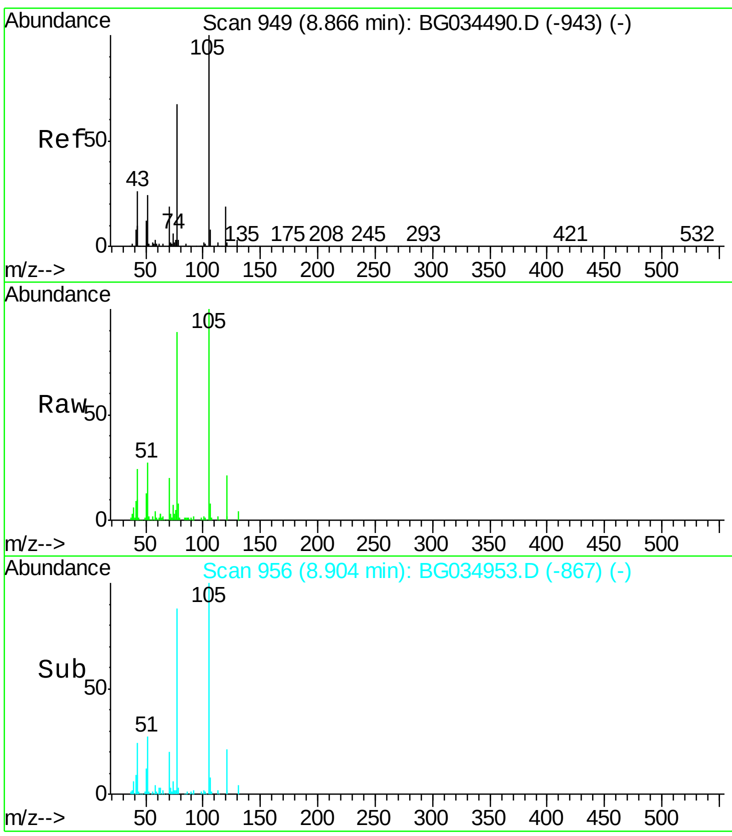
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 140338

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	8.5	10.3	15.5#
68	4.9	4.5	6.7

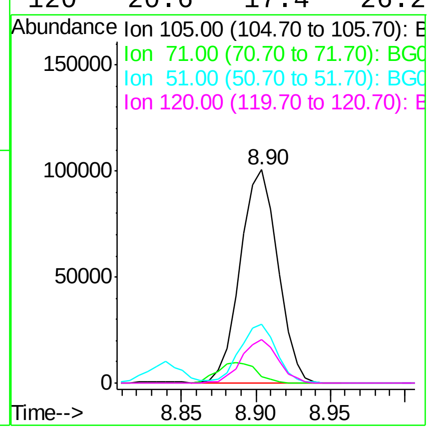


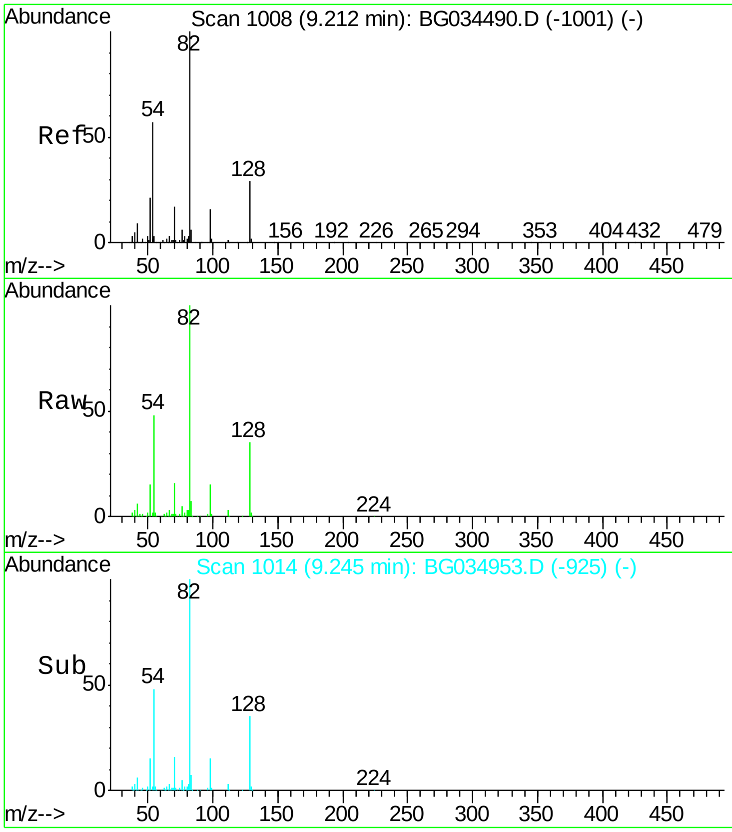


#22
Acetophenone
Concen: 40.44 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:105 Resp: 175818

Ion	Ratio	Lower	Upper
105	100		
71	3.0	3.0	4.4
51	27.5	26.1	39.1
120	20.6	17.4	26.2



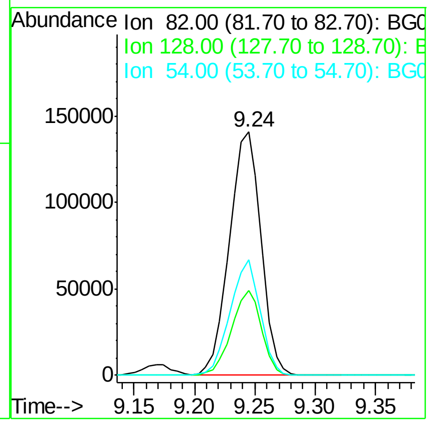


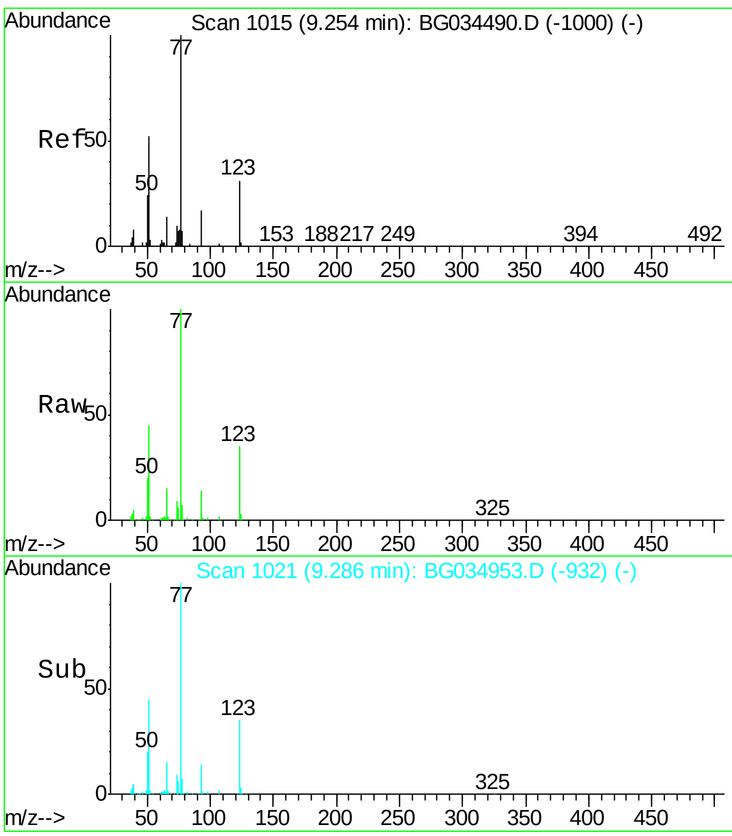
#23
Nitrobenzene-d5
Concen: 86.95 ng
RT: 9.24 min   Scan# 1014
Delta R.T.   -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018   15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 256719

Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.7	44.5
54	47.6	43.1	64.7

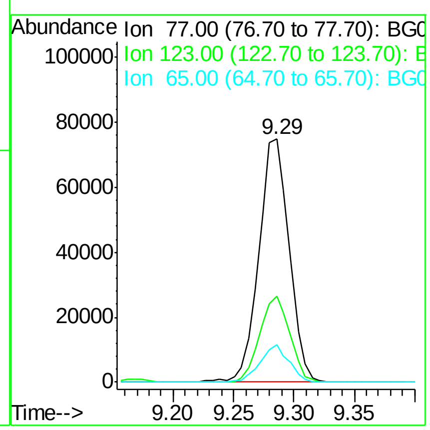


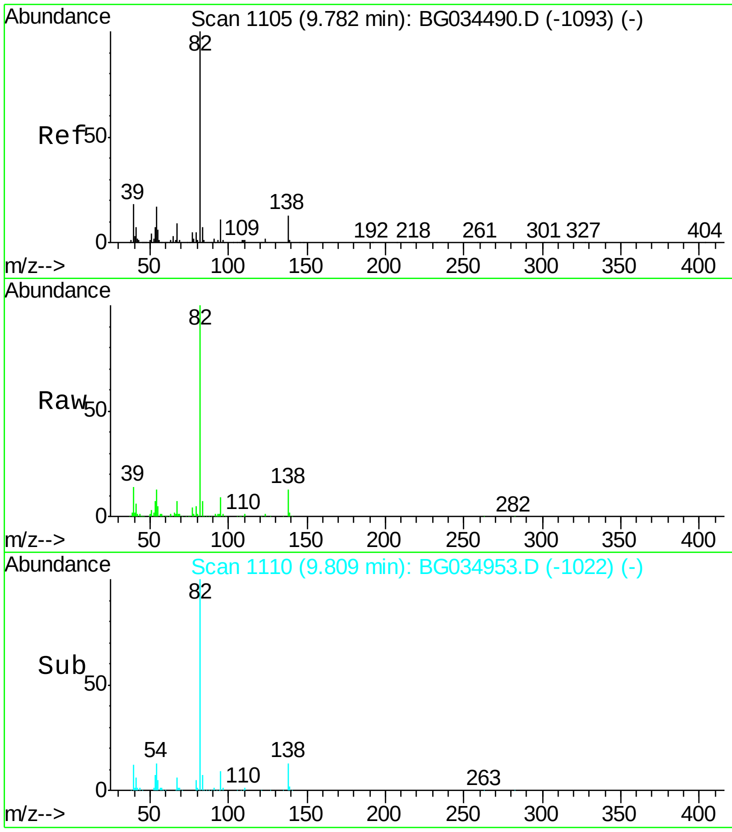


#24
Nitrobenzene
Concen: 43.16 ng
RT: 9.29 min   Scan# 1021
Delta R.T.   -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018   15:19

Tgt Ion: 77 Resp: 130497

Ion	Ratio	Lower	Upper
77	100		
123	35.2	33.0	49.6
65	15.2	13.0	19.6



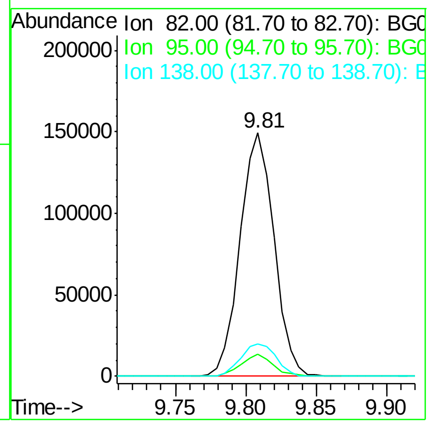


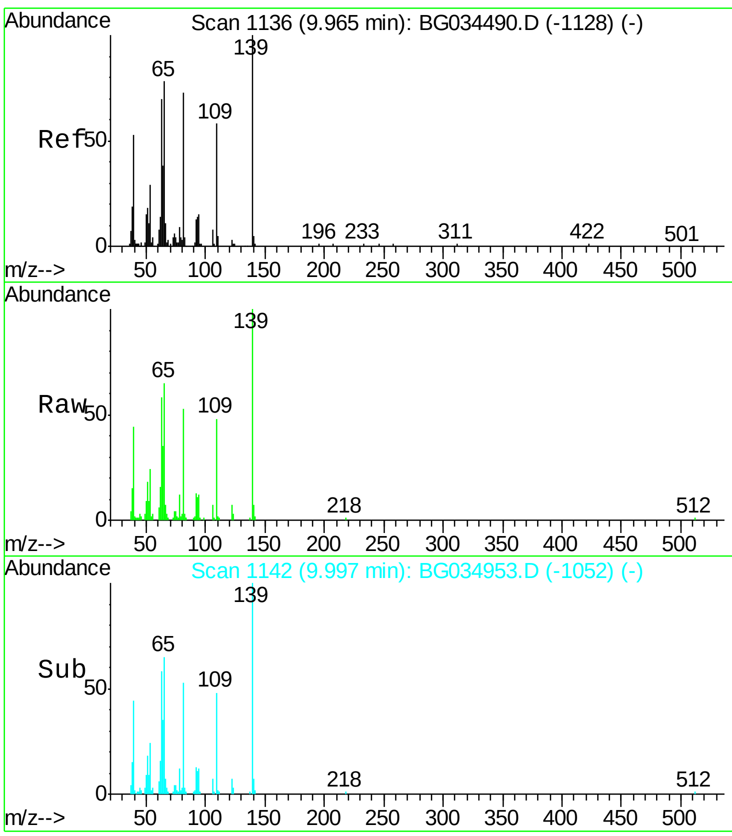
#25
Isophorone
Concen: 40.47 ng
RT: 9.81 min   Scan# 1110
Delta R.T.   -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018   15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 252238

Ion	Ratio	Lower	Upper
82	100		
95	9.2	6.2	9.2
138	13.4	12.1	18.1

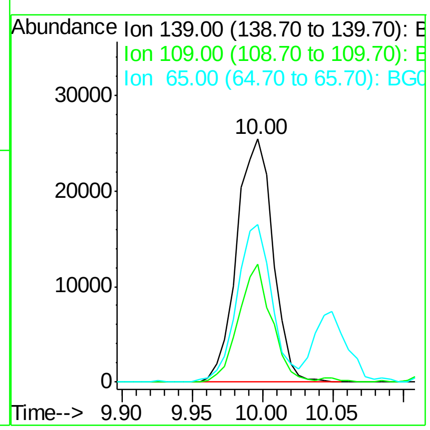


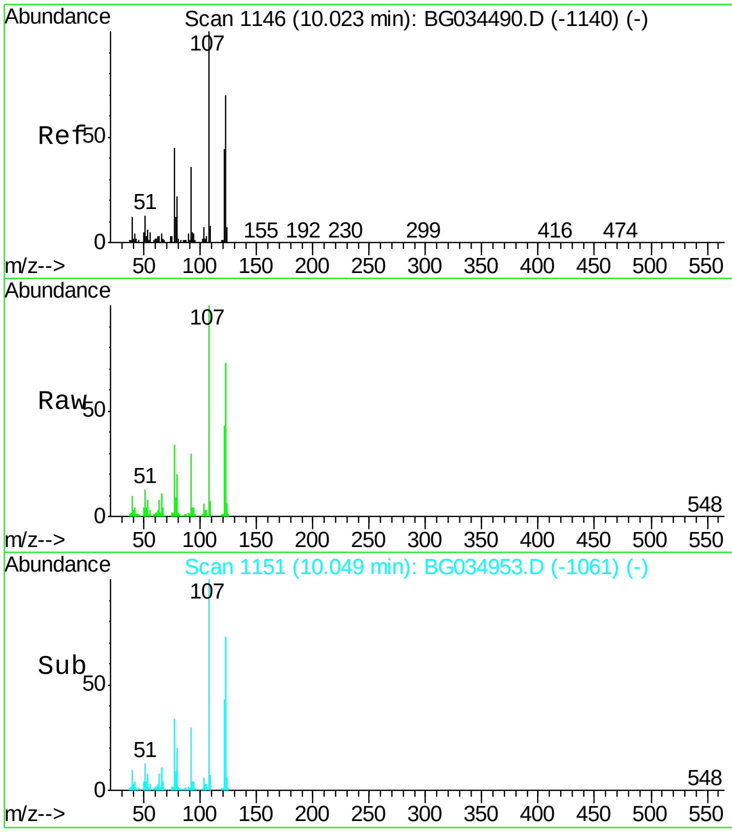


#26
2-Nitrophenol
Concen: 43.82 ng
RT: 10.00 min   Scan# 1142
Delta R.T.   0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018   15:19

Tgt Ion:139 Resp: 45665

Ion	Ratio	Lower	Upper
139	100		
109	48.4	24.2	36.2#
65	64.9	47.4	71.0



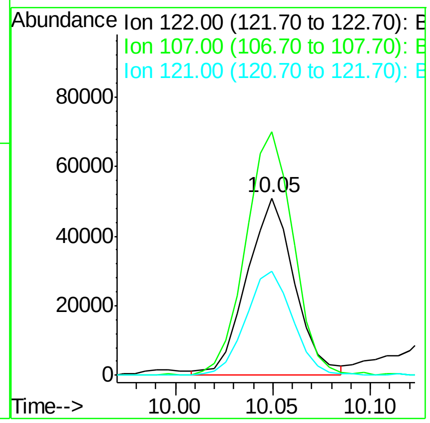


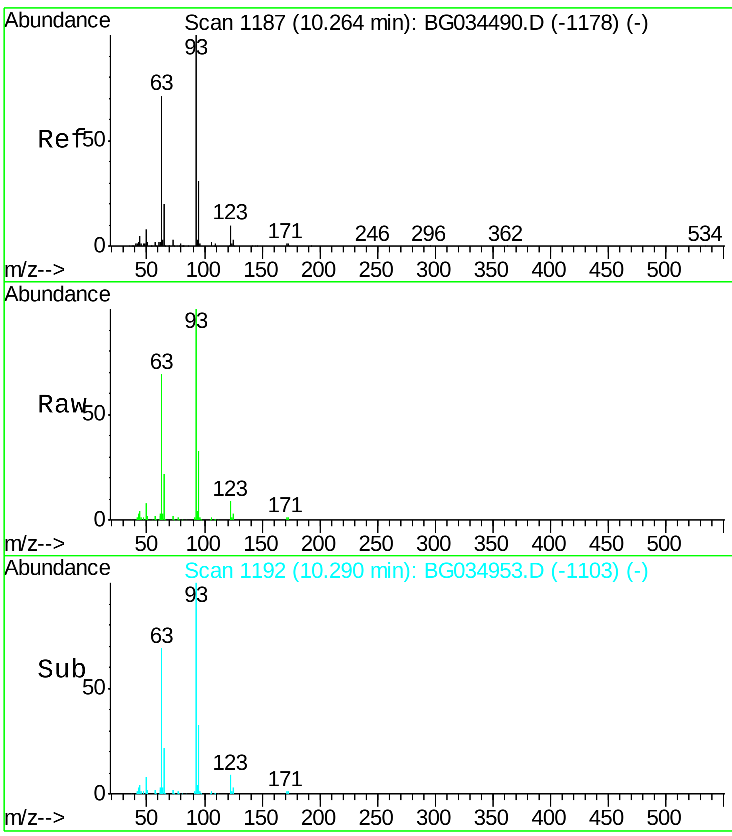
#27
2,4-Dimethylphenol
Concen: 39.26 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 85998

Ion	Ratio	Lower	Upper
122	100		
107	137.1	100.2	150.2
121	58.4	44.4	66.6

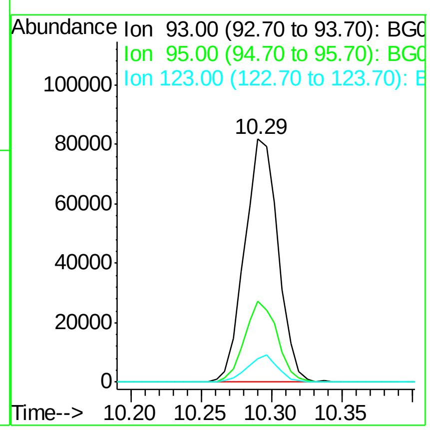


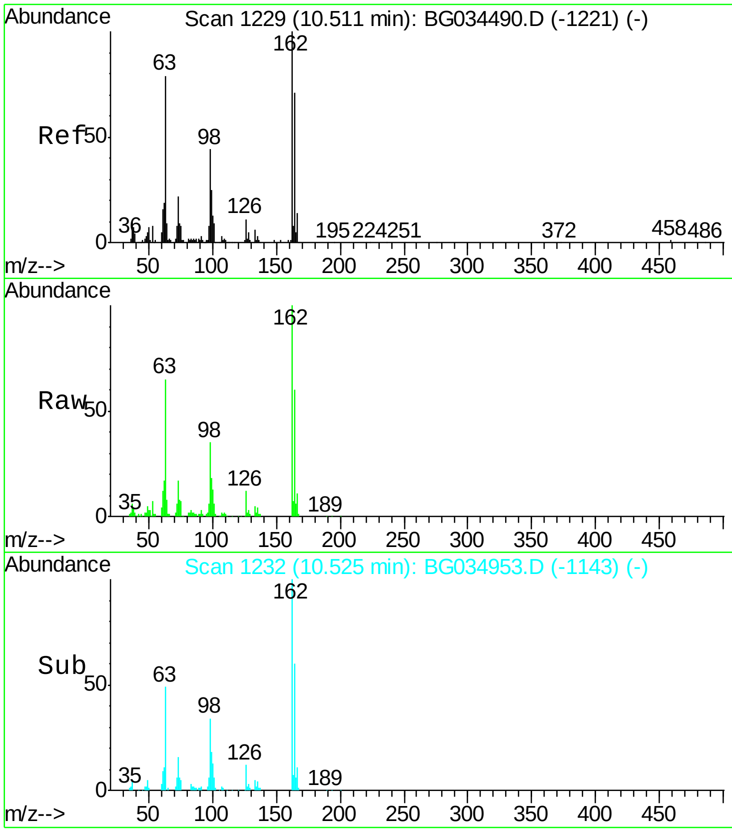


#28
bis(2-Chloroethoxy)methane
Concen: 40.80 ng
RT: 10.29 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion: 93 Resp: 136656

Ion	Ratio	Lower	Upper
93	100		
95	33.4	24.3	36.5
123	9.4	8.4	12.6



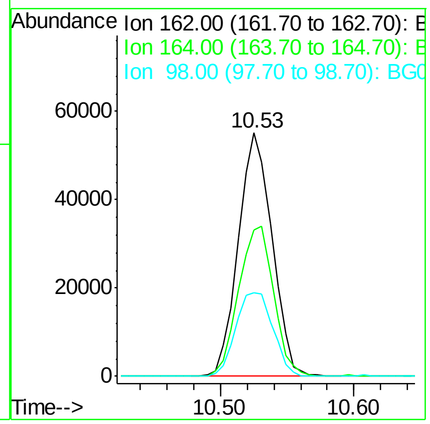


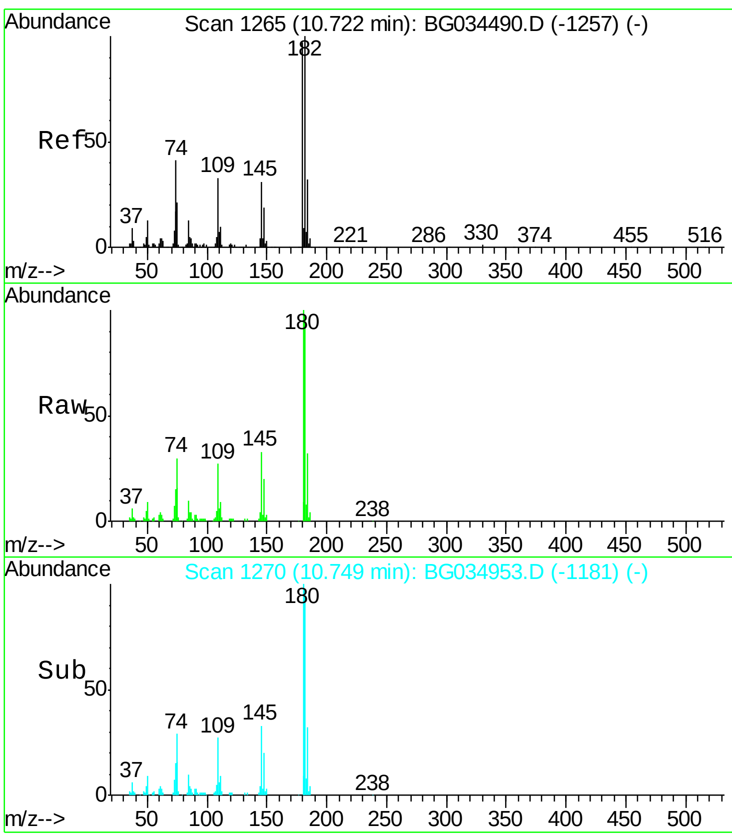
#29
2,4-Dichlorophenol
Concen: 40.62 ng
RT: 10.53 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:162 Resp: 96804

Ion	Ratio	Lower	Upper
162	100		
164	60.2	48.0	88.0
98	34.6	21.1	61.1

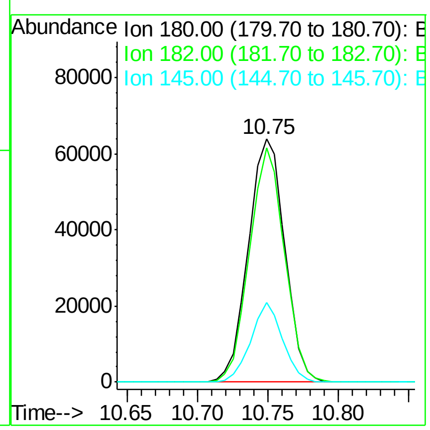


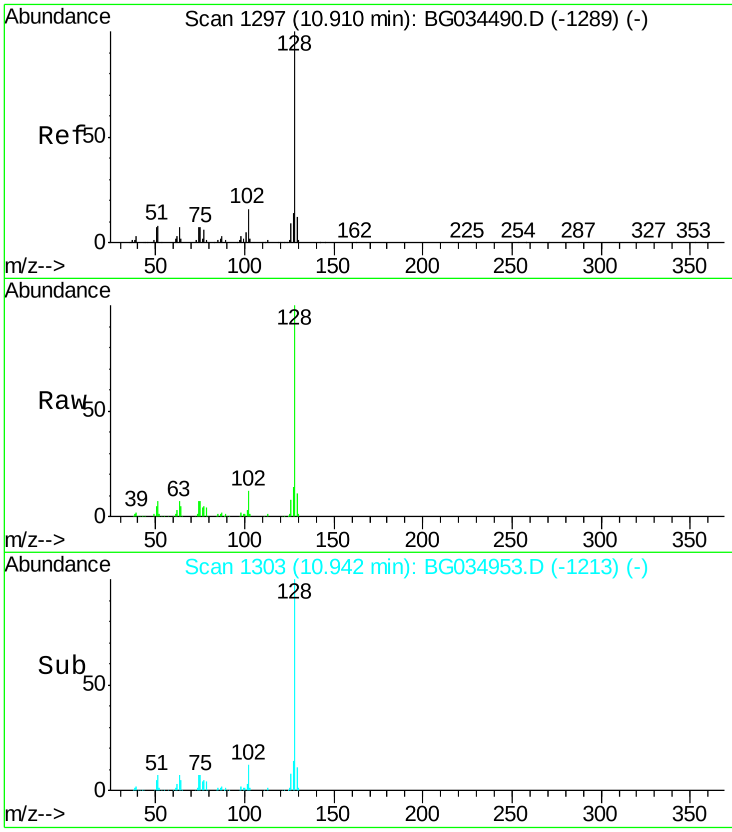


#30
1,2,4-Trichlorobenzene
Concen: 40.58 ng
RT: 10.75 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:180 Resp: 115976

Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.5	116.3
145	33.0	23.4	35.2



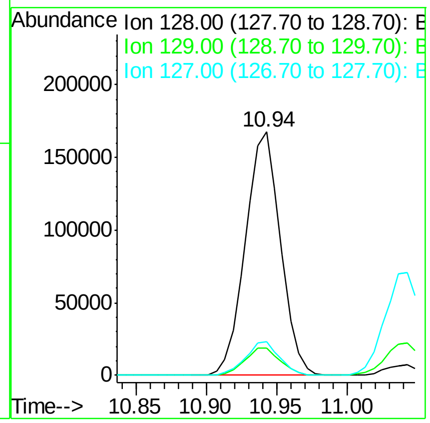


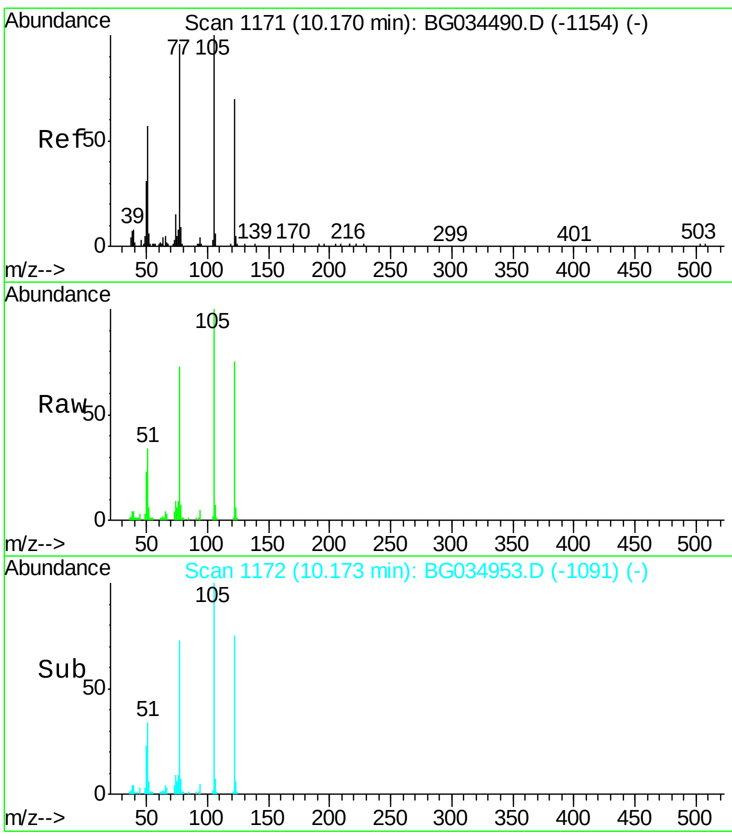
#31
Naphthalene
Concen: 40.21 ng
RT: 10.94 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 293174

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.8	11.6	17.4

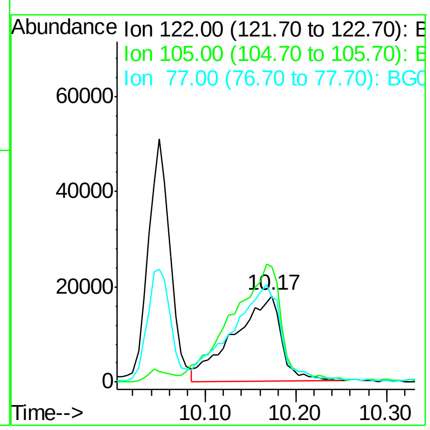


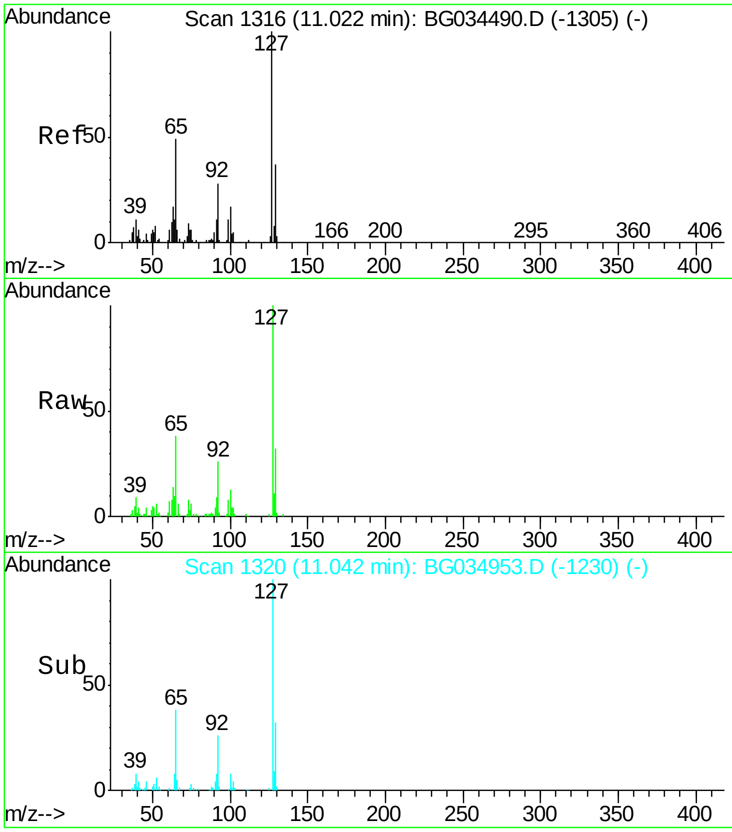


#32
Benzoic acid
Concen: 43.59 ng
RT: 10.17 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:122 Resp: 63959

Ion	Ratio	Lower	Upper
122	100		
105	133.7	123.5	163.5
77	98.0	85.7	125.7



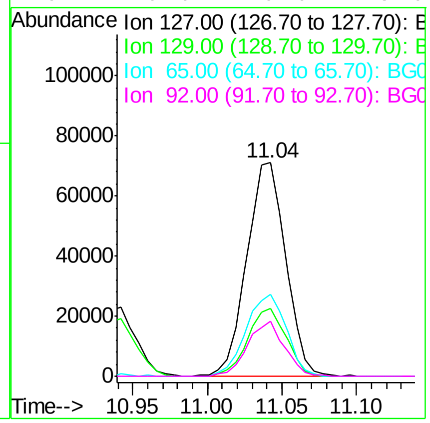


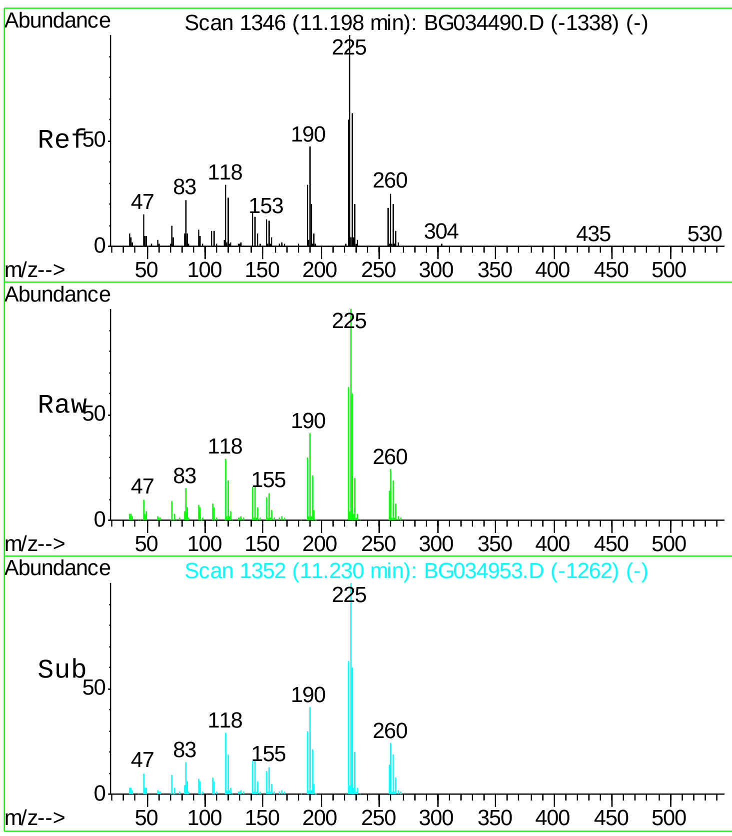
#33
4-Chloroaniline
Concen: 40.49 ng
RT: 11.04 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 128169

Ion	Ratio	Lower	Upper
127	100		
129	31.9	24.0	36.0
65	38.5	27.0	40.4
92	26.0	16.6	25.0#

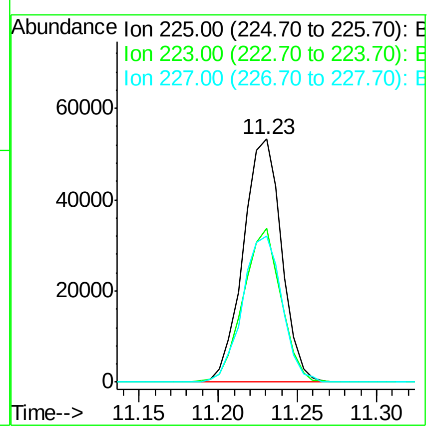


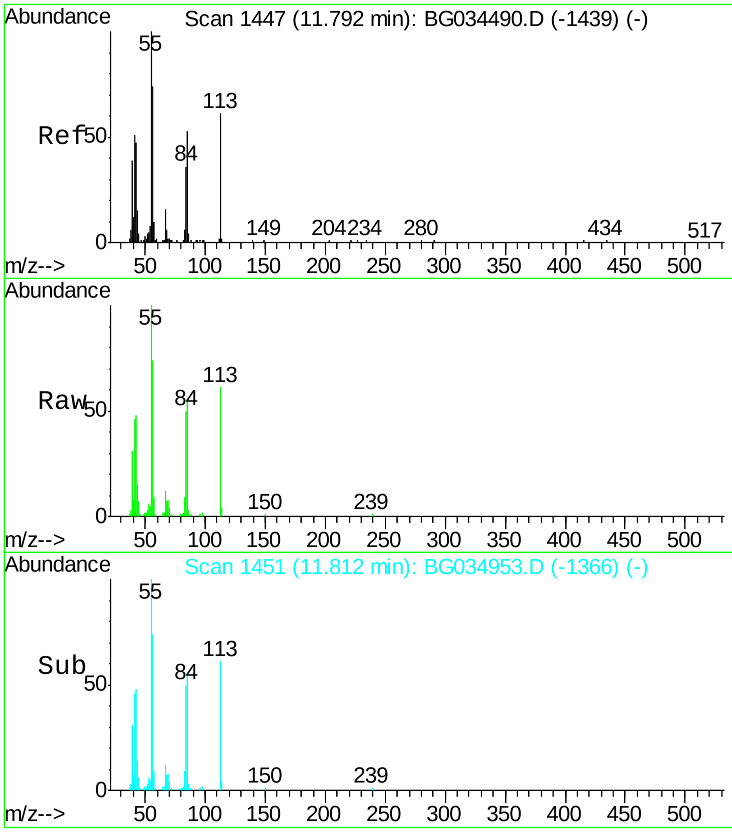


#34
Hexachlorobutadiene
Concen: 40.34 ng
RT: 11.23 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:225 Resp: 89651

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.7	74.5
227	60.0	48.1	72.1



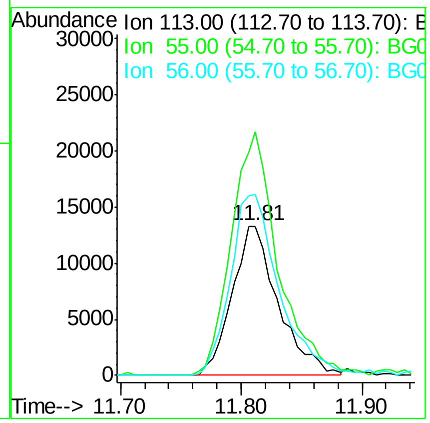


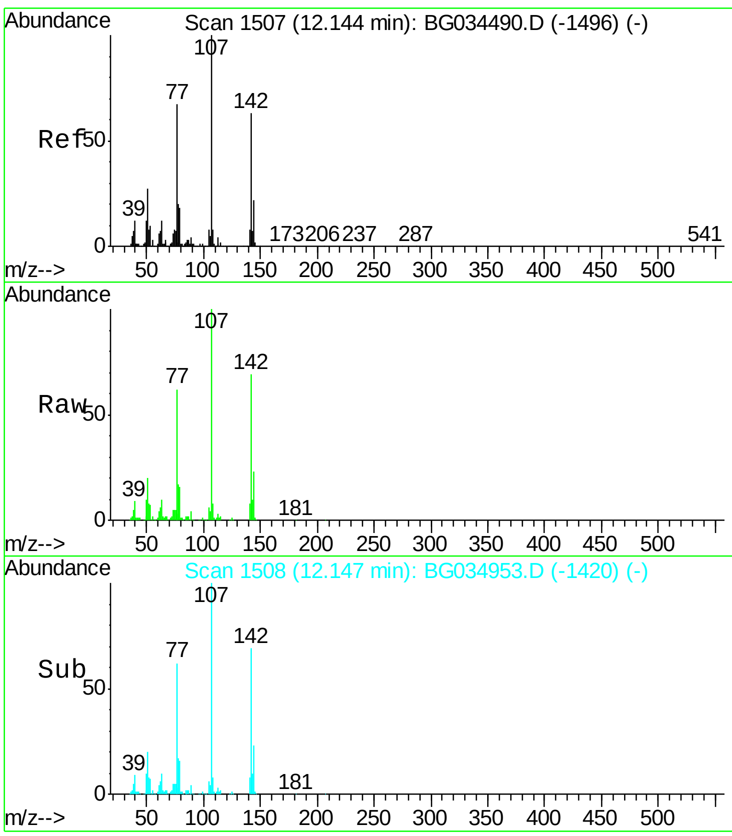
#35
Caprolactam
Concen: 40.04 ng
RT: 11.81 min Scan# 1451
Delta R.T. -0.03 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:113 Resp: 35265

Ion	Ratio	Lower	Upper
113	100		
55	163.0	186.9	226.9#
56	120.7	130.9	170.9#

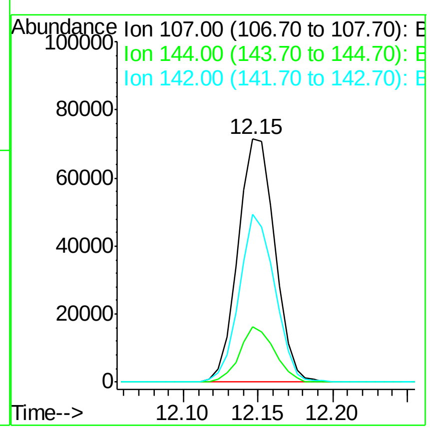


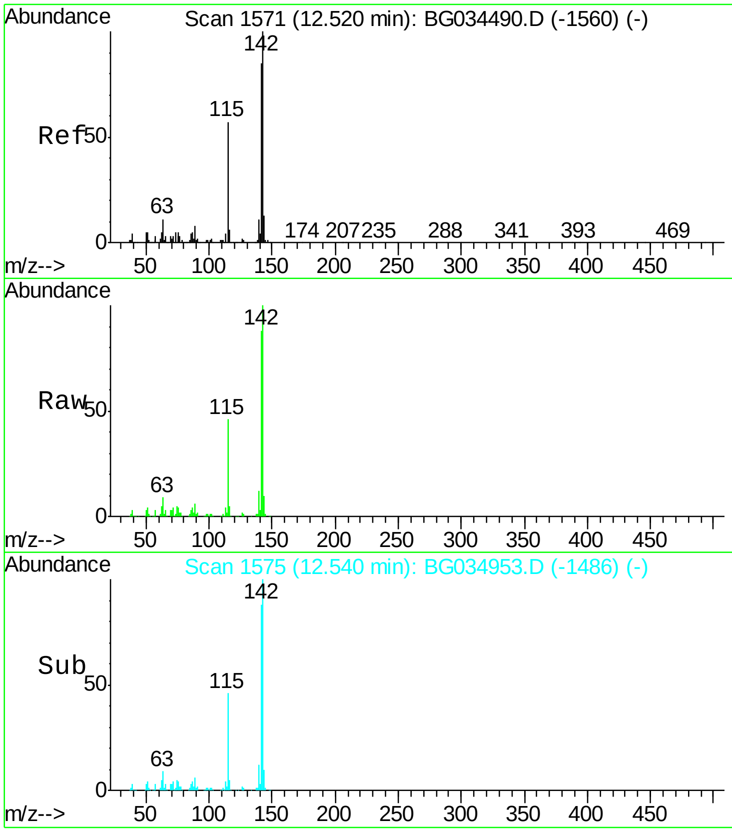


#36
4-Chloro-3-methylphenol
Concen: 41.34 ng
RT: 12.15 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:107 Resp: 122811

Ion	Ratio	Lower	Upper
107	100		
144	22.7	18.2	27.4
142	69.2	59.0	88.4



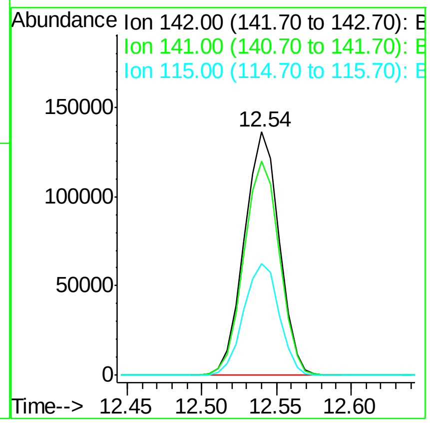


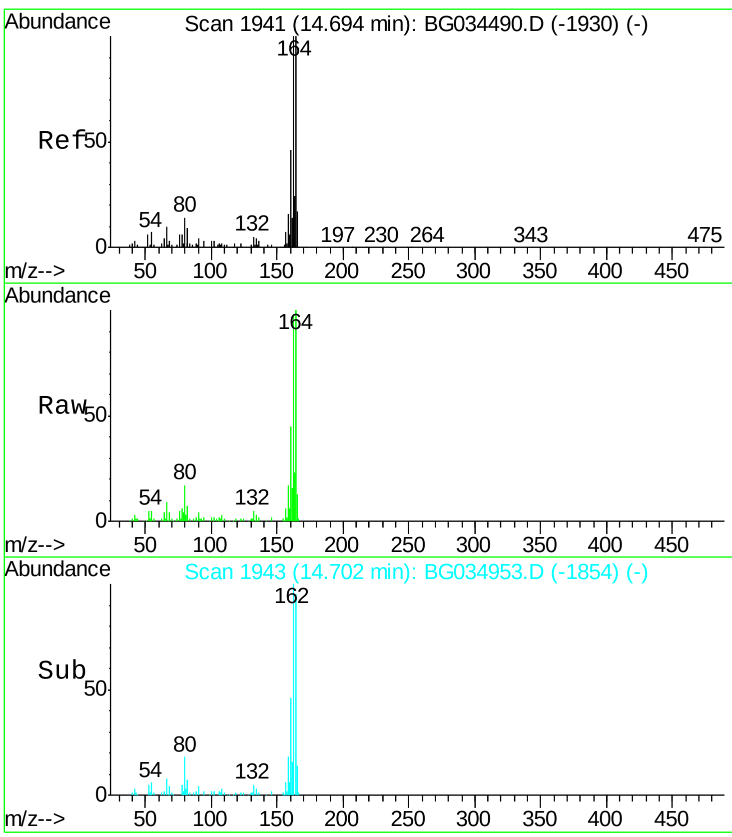
#37
2-Methylnaphthalene
Concen: 39.97 ng
RT: 12.54 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 220941

Ion	Ratio	Lower	Upper
142	100		
141	87.9	67.1	100.7
115	45.8	30.7	46.1

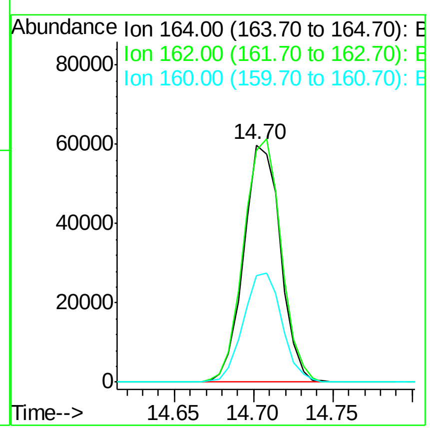


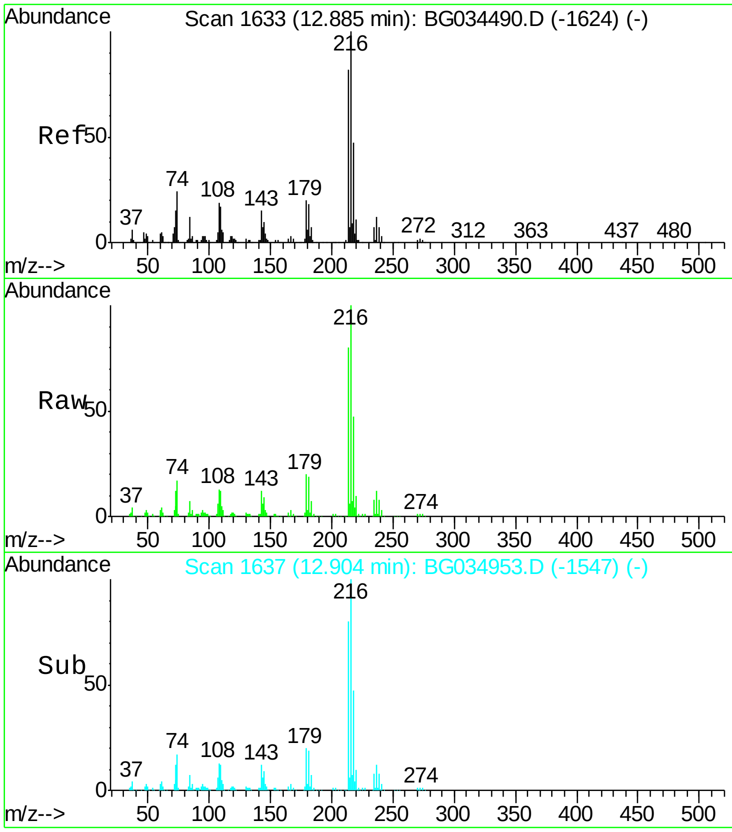


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:164 Resp: 96173

Ion	Ratio	Lower	Upper
164	100		
162	97.8	78.8	118.2
160	44.7	35.4	53.0



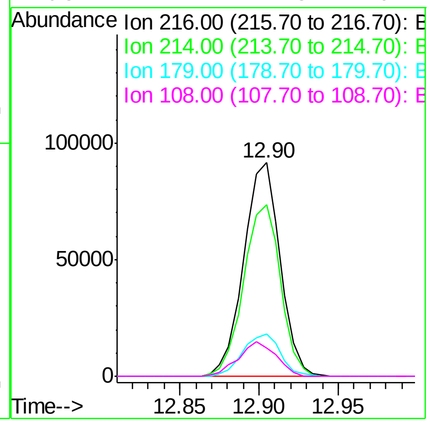


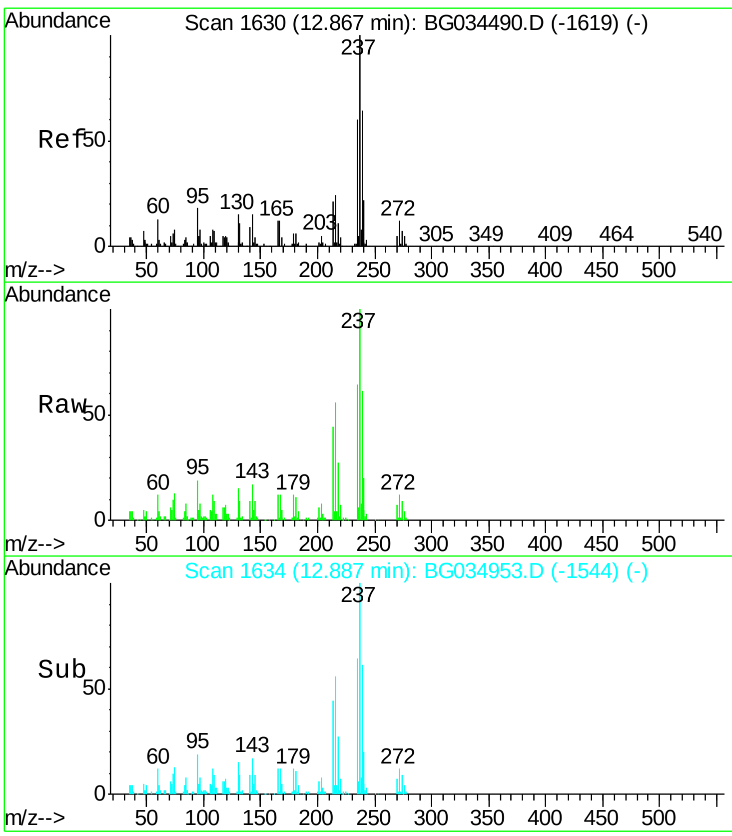
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.66 ng
RT: 12.90 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:216 Resp: 145653

Ion	Ratio	Lower	Upper
216	100		
214	81.4	63.0	94.4
179	20.3	17.0	25.6
108	17.1	12.8	19.2

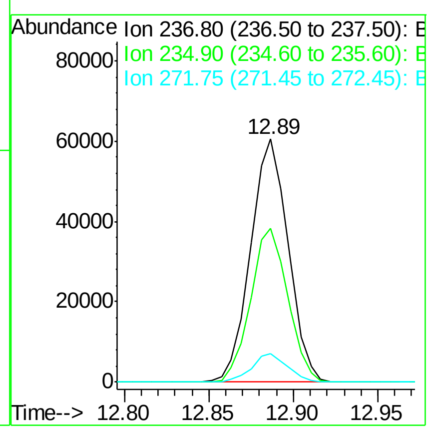


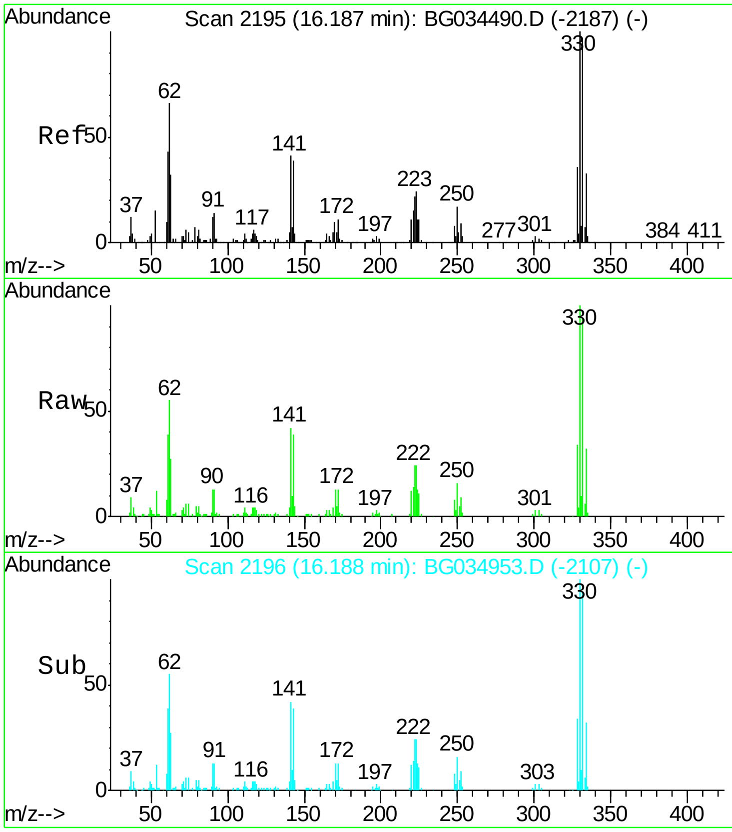


#40
Hexachlorocyclopentadiene
Concen: 41.58 ng
RT: 12.89 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:237 Resp: 93399

Ion	Ratio	Lower	Upper
237	100		
235	63.5	50.4	90.4
272	11.7	0.0	31.8



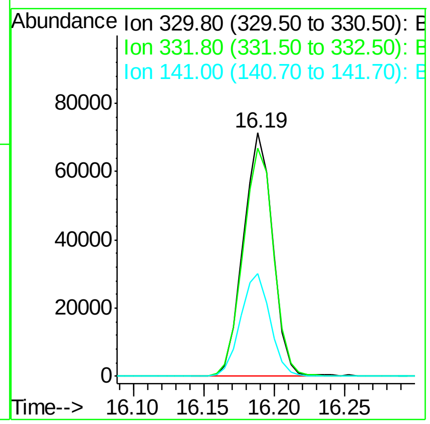


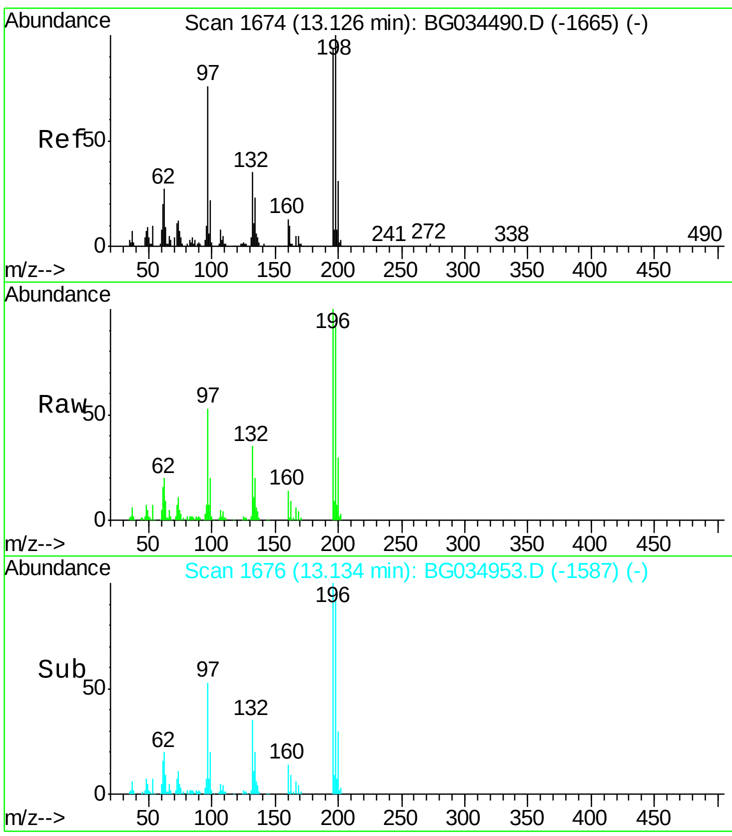
#41
2,4,6-Tribromophenol
Concen: 84.61 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 104165

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	42.1	25.2	37.8#

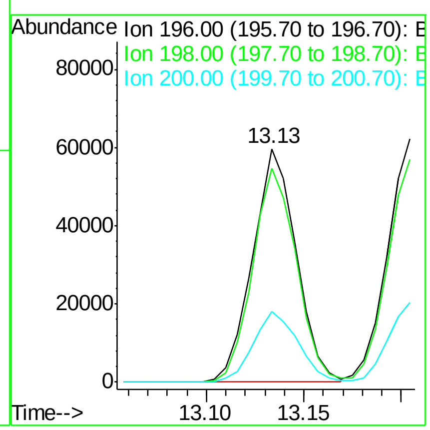




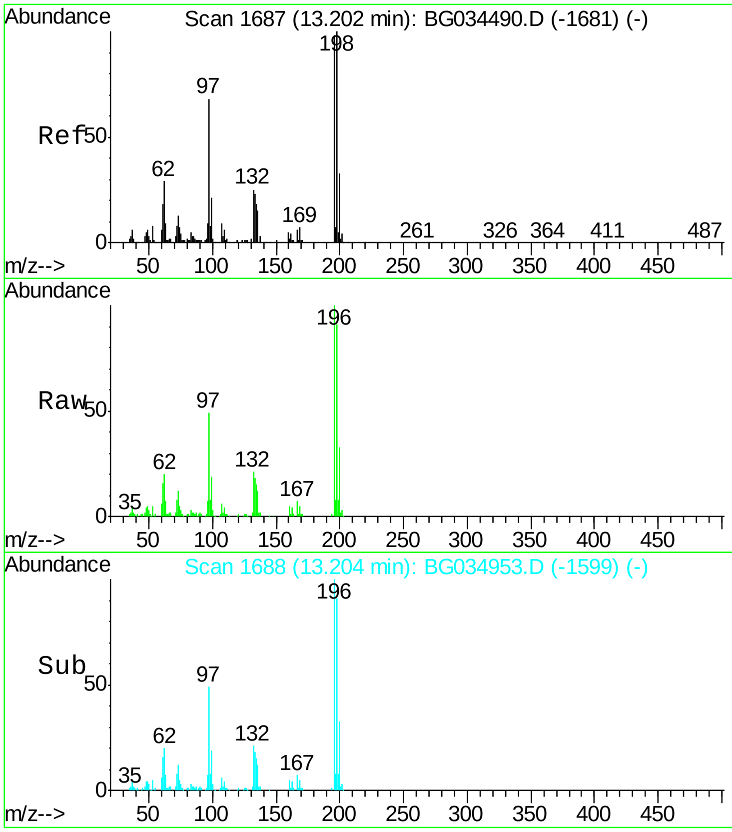
#42
2,4,6-Trichlorophenol
Concen: 42.99 ng
RT: 13.13 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:196 Resp: 92215

Ion	Ratio	Lower	Upper
196	100		
198	91.7	78.2	117.2
200	30.4	24.6	36.8



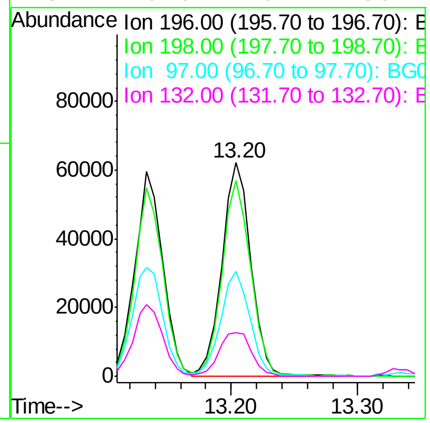
Instrument :
BNA_G
ClientSampleId :

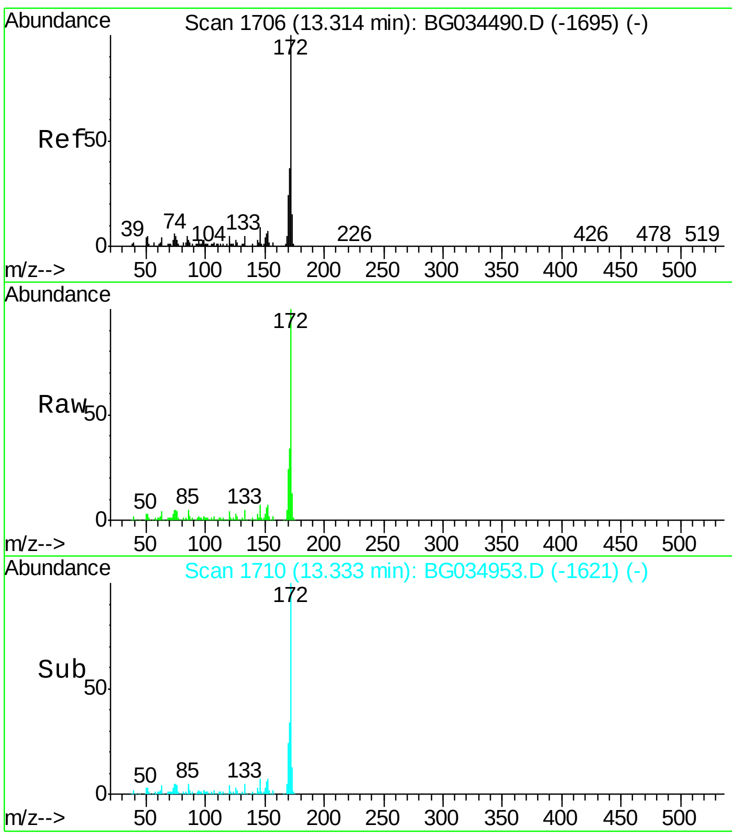


#43
2,4,5-Trichlorophenol
Concen: 41.95 ng
RT: 13.20 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:196 Resp: 98752

Ion	Ratio	Lower	Upper
196	100		
198	91.4	76.2	114.4
97	48.9	38.7	58.1
132	20.5	20.2	30.2

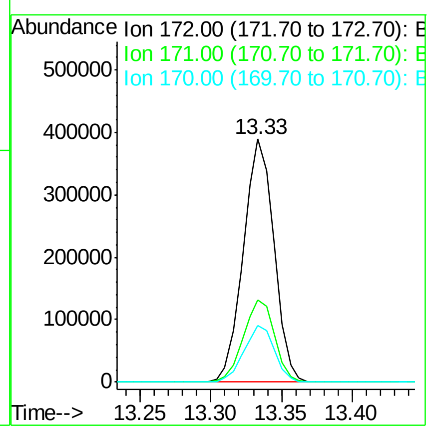


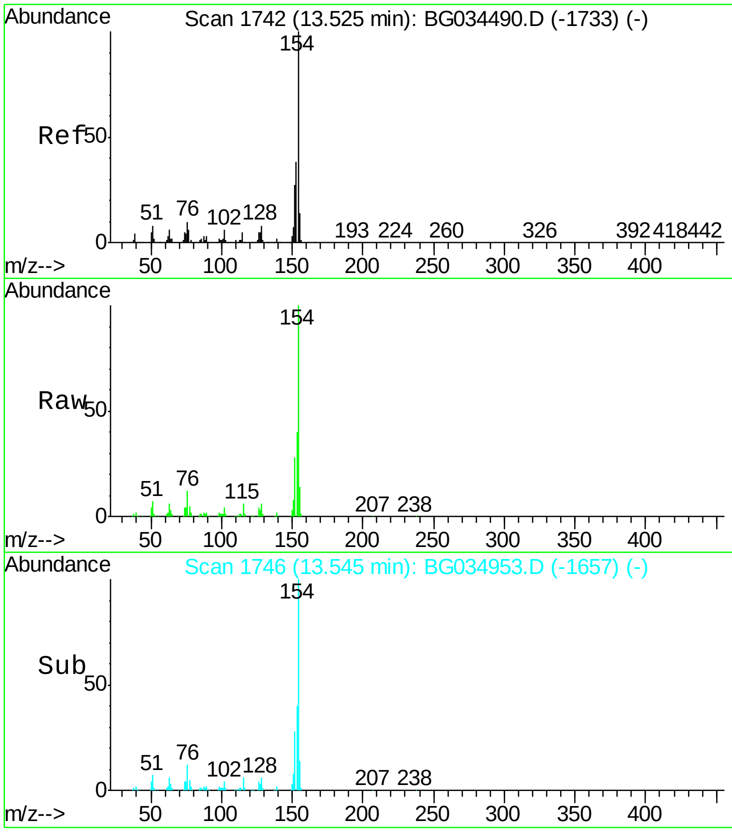


#44
2-Fluorobiphenyl
Concen: 80.17 ng
RT: 13.33 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:172 Resp: 593069

Ion	Ratio	Lower	Upper
172	100		
171	33.8	30.0	45.0
170	23.5	19.5	29.3



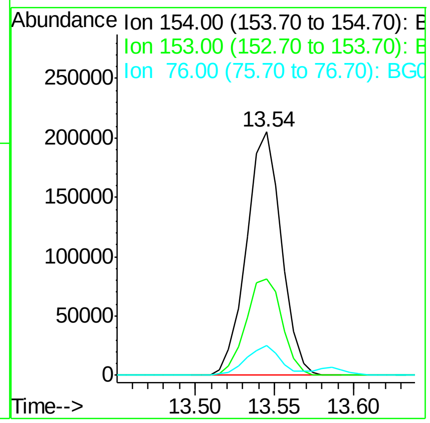


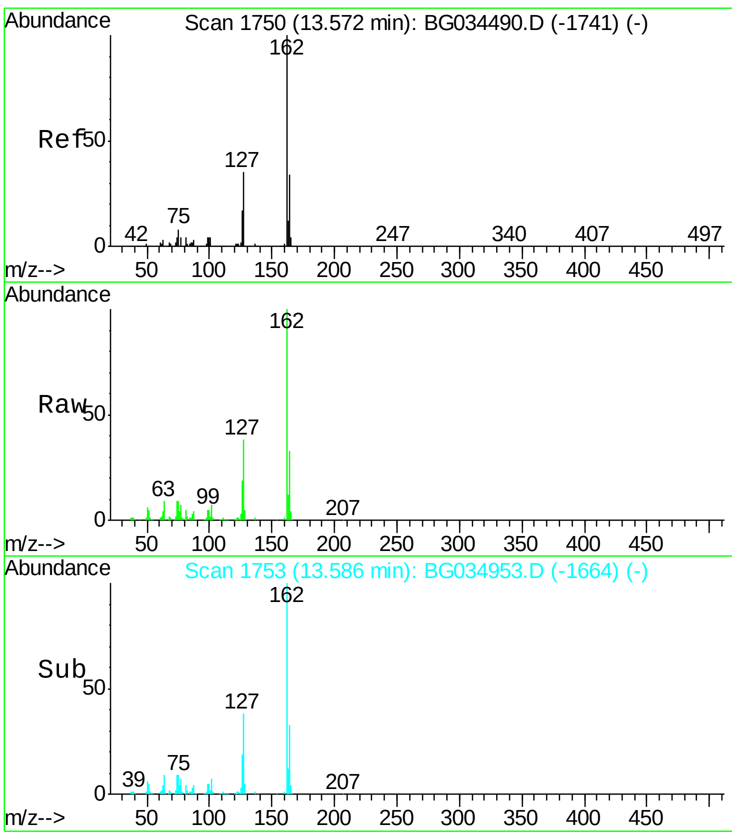
#45
1,1'-Biphenyl
Concen: 40.52 ng
RT: 13.54 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 313326

Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.8	59.8
76	12.2	0.0	31.9

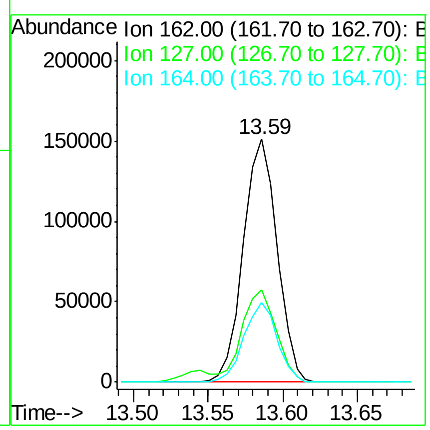


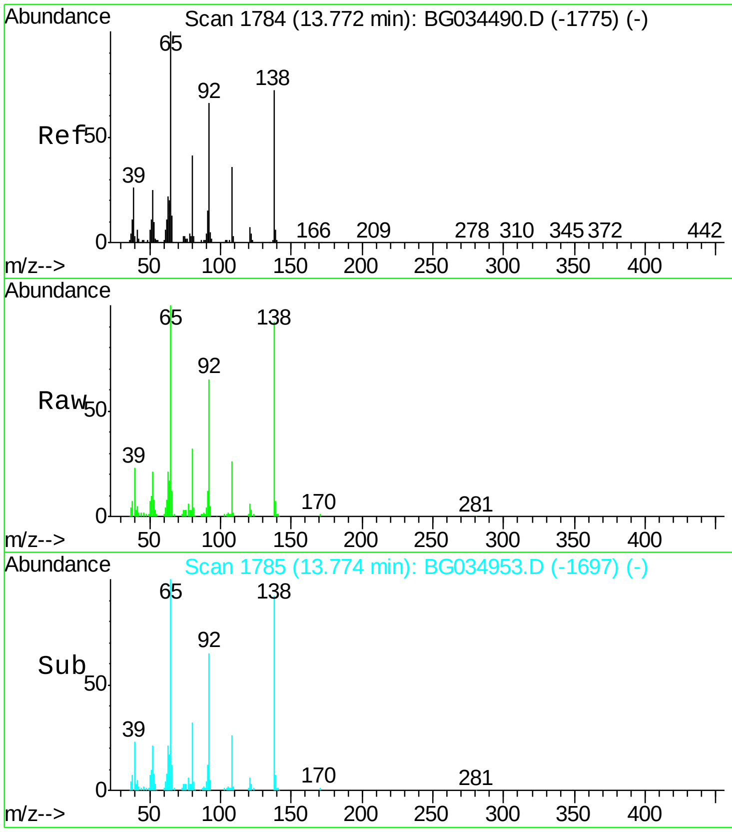


#46
2-Chloronaphthalene
Concen: 40.61 ng
RT: 13.59 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:162 Resp: 237422

Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.7	46.1
164	33.0	26.0	39.0



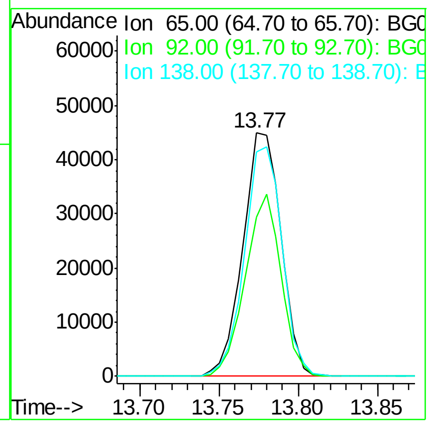


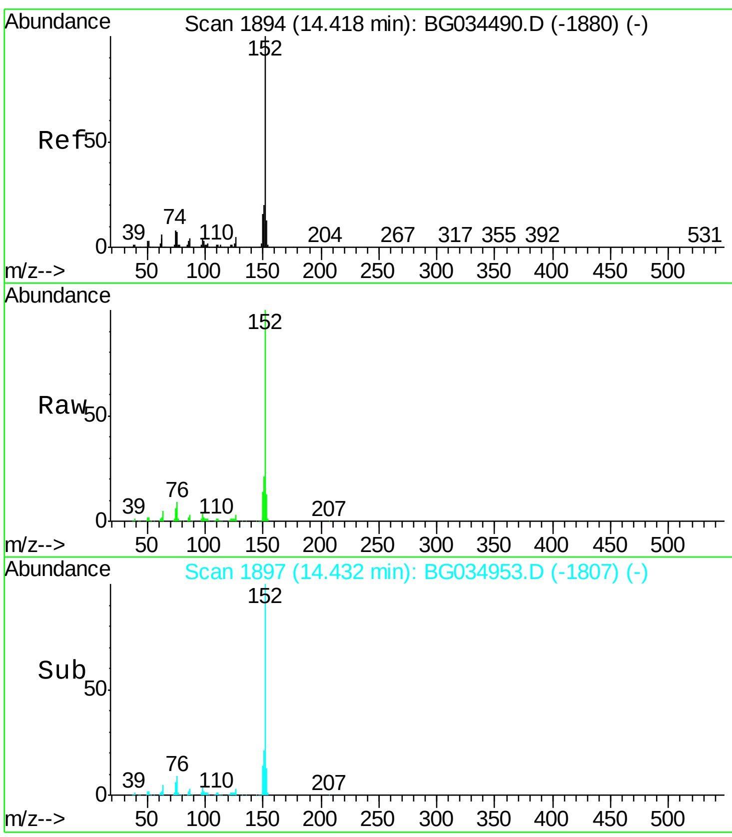
#47
2-Nitroaniline
Concen: 43.69 ng
RT: 13.77 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 75426

Ion	Ratio	Lower	Upper
65	100		
92	65.4	54.6	82.0
138	92.2	72.9	109.3

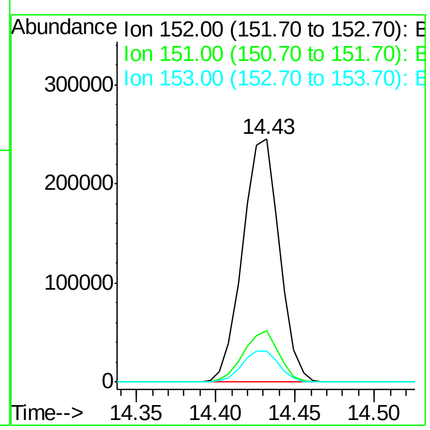


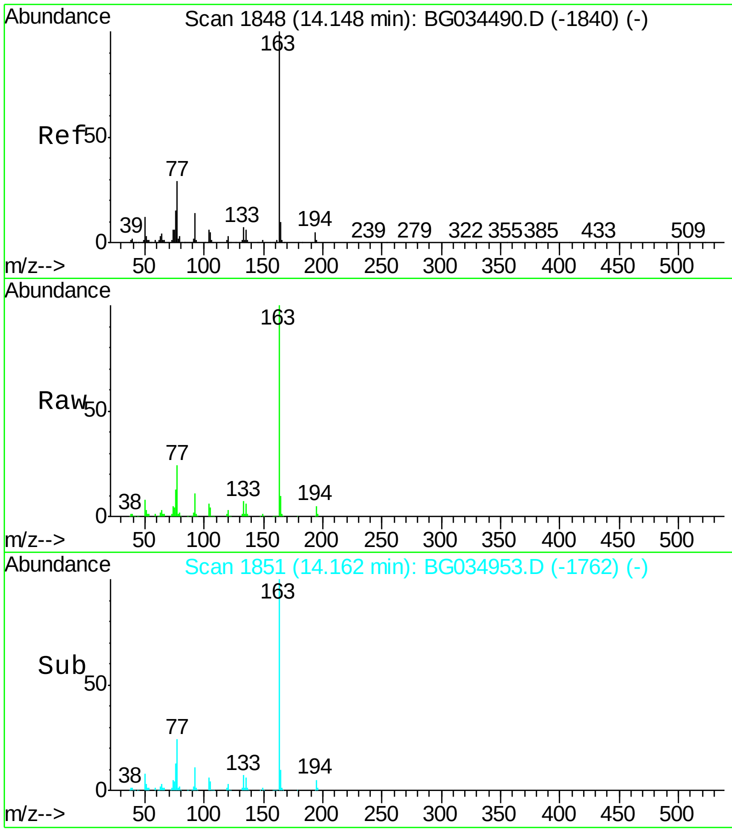


#48
Acenaphthylene
Concen: 40.40 ng
RT: 14.43 min Scan# 1897
Delta R.T. 0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:152 Resp: 396084

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.2	25.8
153	12.8	10.2	15.4



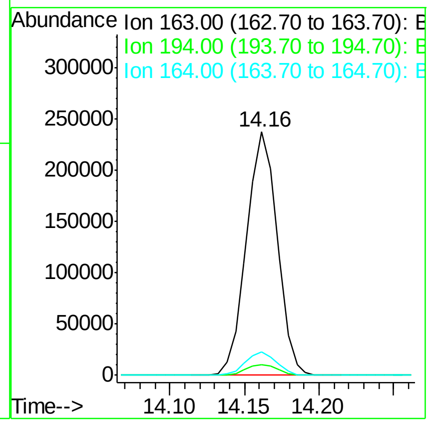


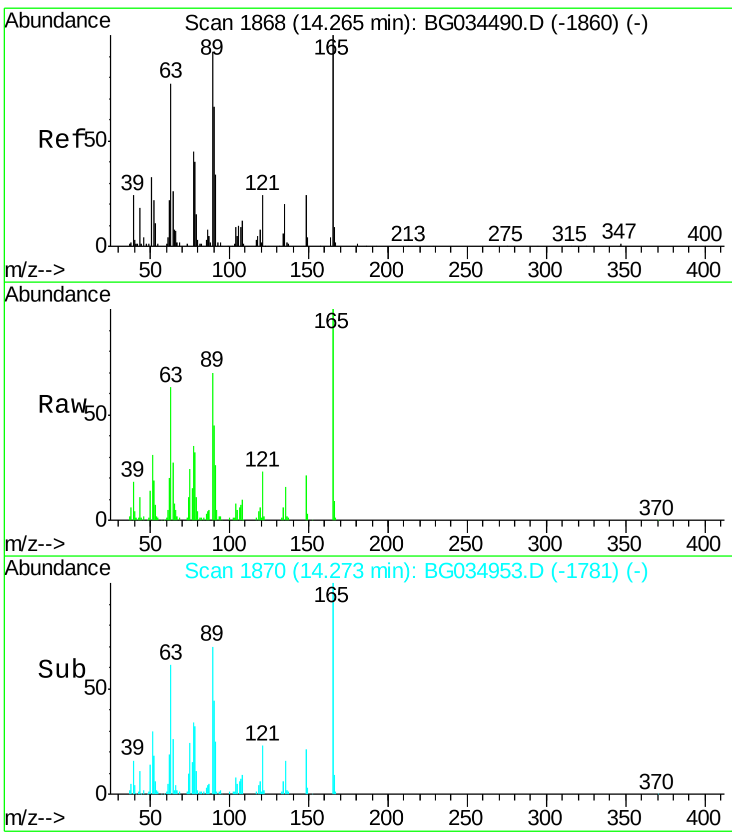
#49
Dimethylphthalate
Concen: 40.30 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 337988

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	9.6	8.2	12.4

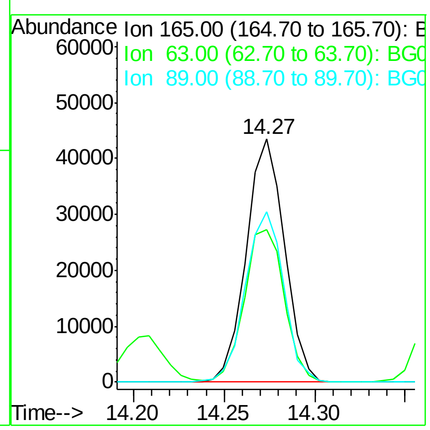


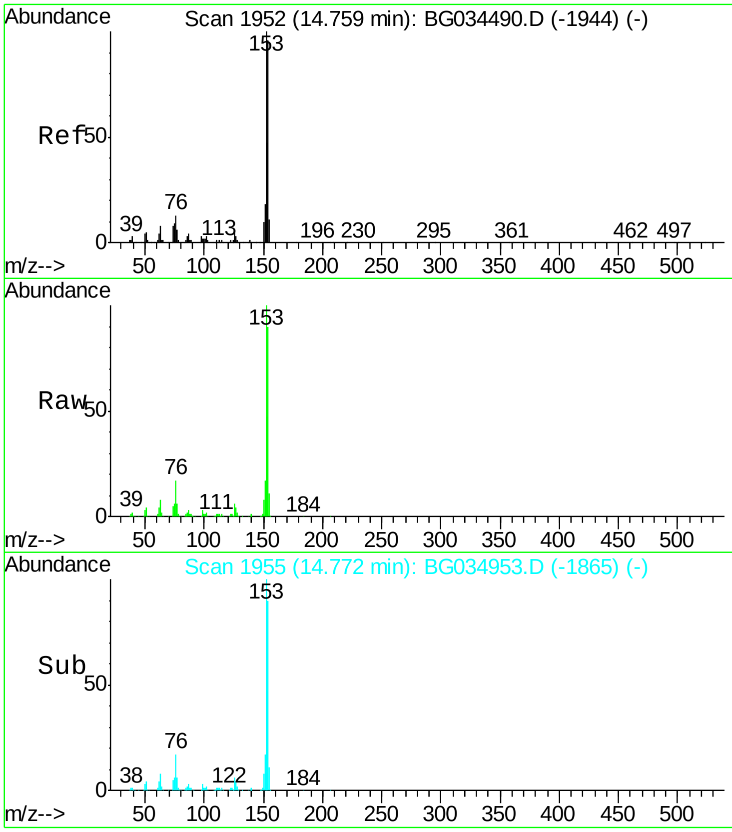


#50
2,6-Dinitrotoluene
Concen: 41.97 ng
RT: 14.27 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:165 Resp: 64218

Ion	Ratio	Lower	Upper
165	100		
63	62.9	52.7	79.1
89	69.9	49.2	73.8



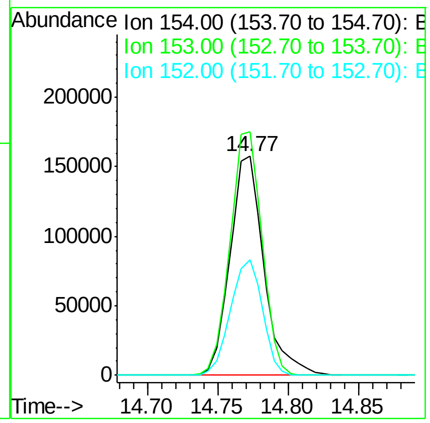


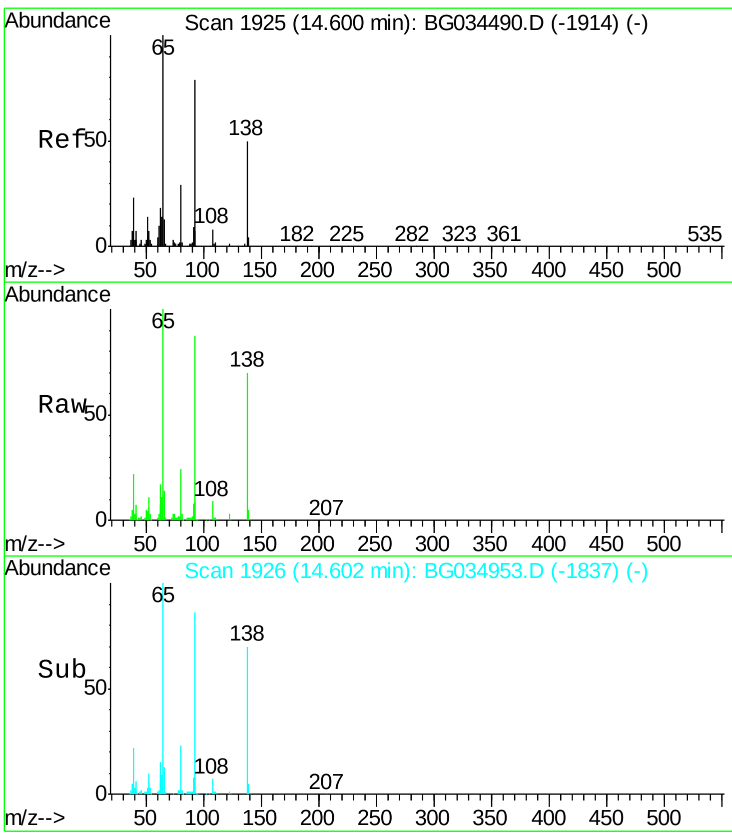
#51
Acenaphthene
Concen: 41.09 ng
RT: 14.77 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 263227

Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.4	135.6
152	52.6	41.6	62.4

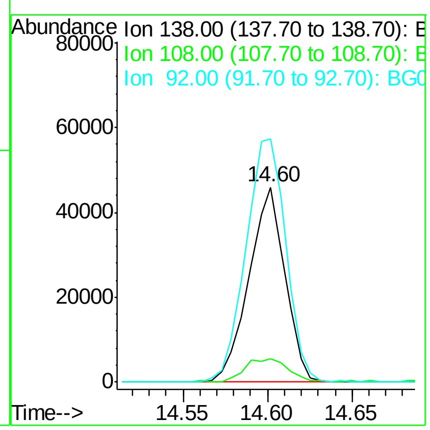


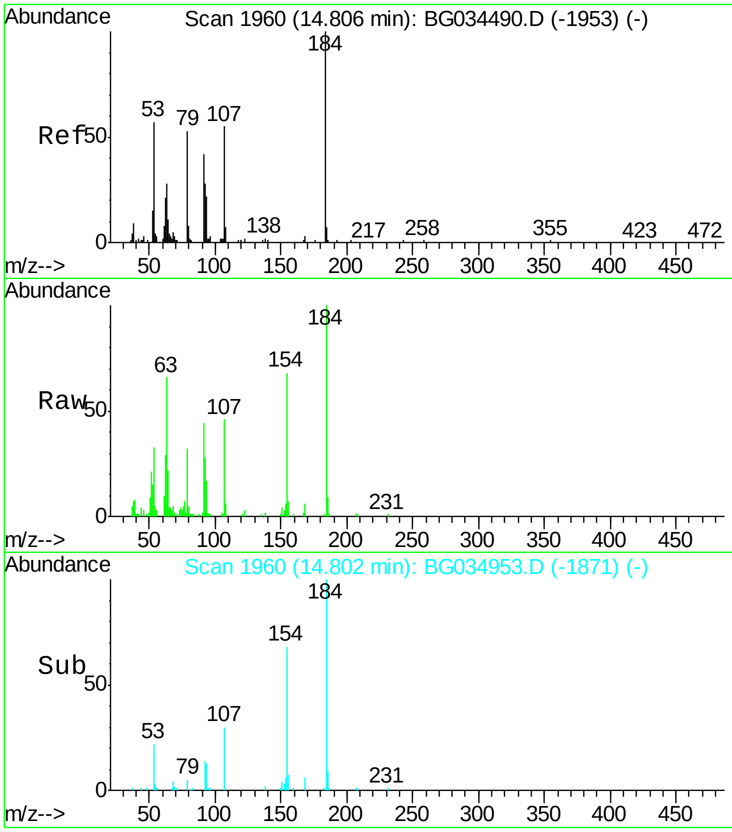


#52
3-Nitroaniline
Concen: 45.60 ng
RT: 14.60 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:138 Resp: 68467

Ion	Ratio	Lower	Upper
138	100		
108	12.2	17.5	26.3#
92	124.6	105.8	158.8

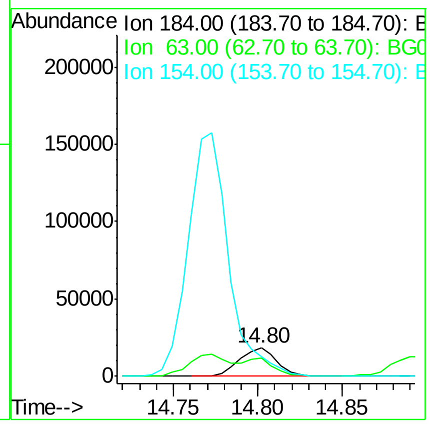


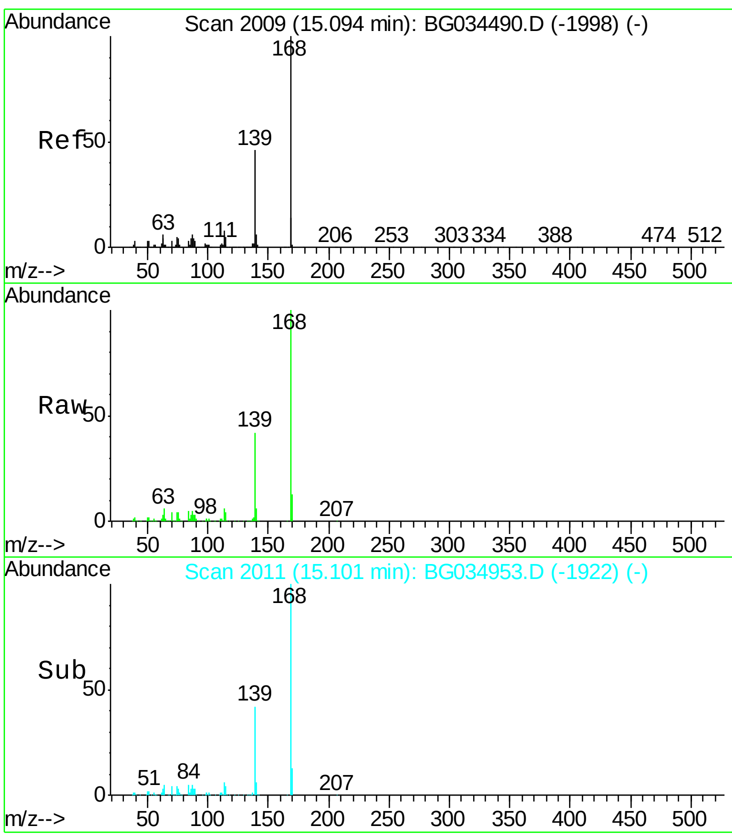



```
#53
2,4-Dinitrophenol
Concen:   45.60 ng
RT: 14.80 min  Scan# 1960
Delta R.T.   -0.01 min
Lab File:   BG034953.D
Acq:  7 Jun 2018  15:19

Tgt Ion:184 Resp:   28233
Ion  Ratio  Lower  Upper
184  100
 63   65.7   59.8   89.8
154   68.2  101.8  152.8#
```

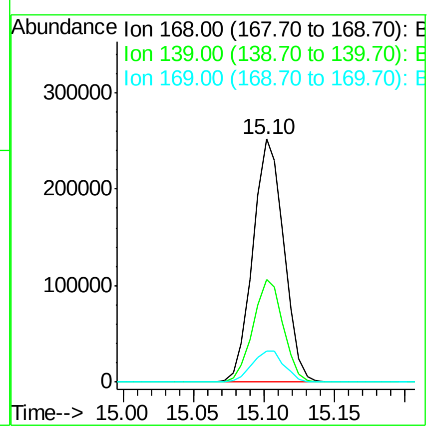
Instrument :
BNA_G
ClientSampleId :

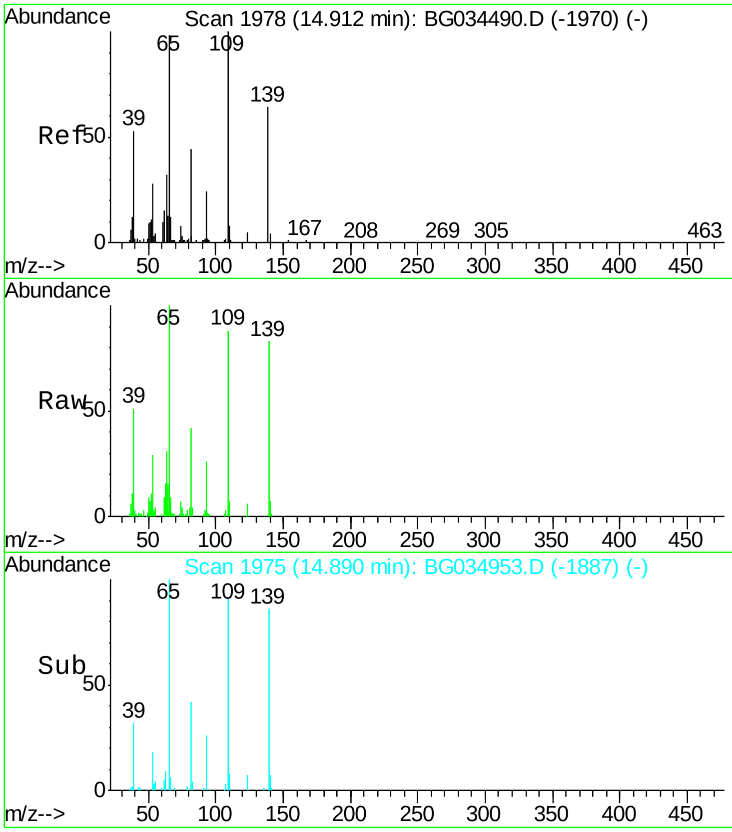





```
#54
Dibenzofuran
Concen:   40.49 ng
RT: 15.10 min  Scan# 2011
Delta R.T.   -0.01 min
Lab File:   BG034953.D
Acq:  7 Jun 2018  15:19

Tgt Ion:168 Resp:  388488
Ion  Ratio  Lower  Upper
168  100
139   42.0   28.6   43.0
169   12.8   11.2   16.8
```



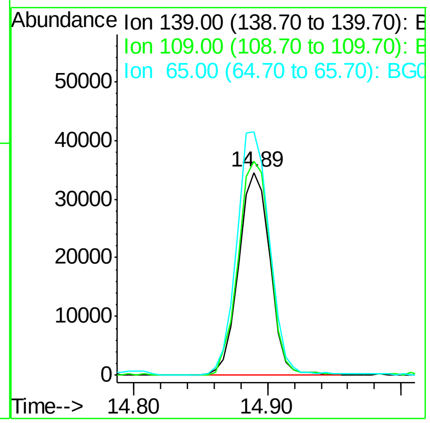


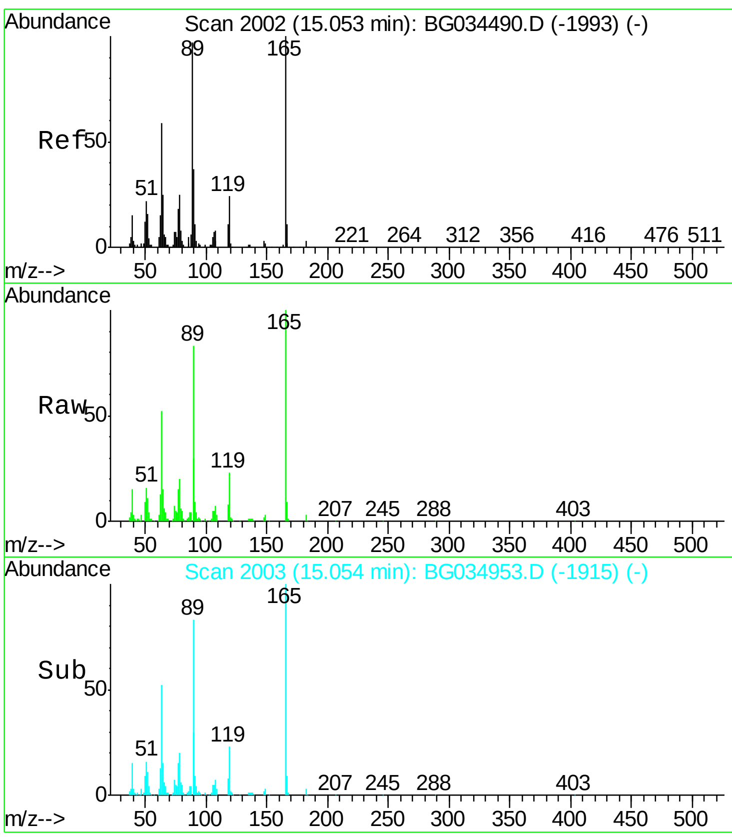
#55
4-Nitrophenol
Concen: 44.28 ng
RT: 14.89 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 56105

Ion	Ratio	Lower	Upper
139	100		
109	105.4	62.2	102.2#
65	120.1	97.2	137.2

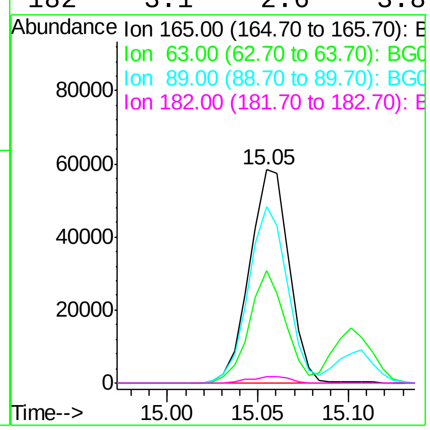


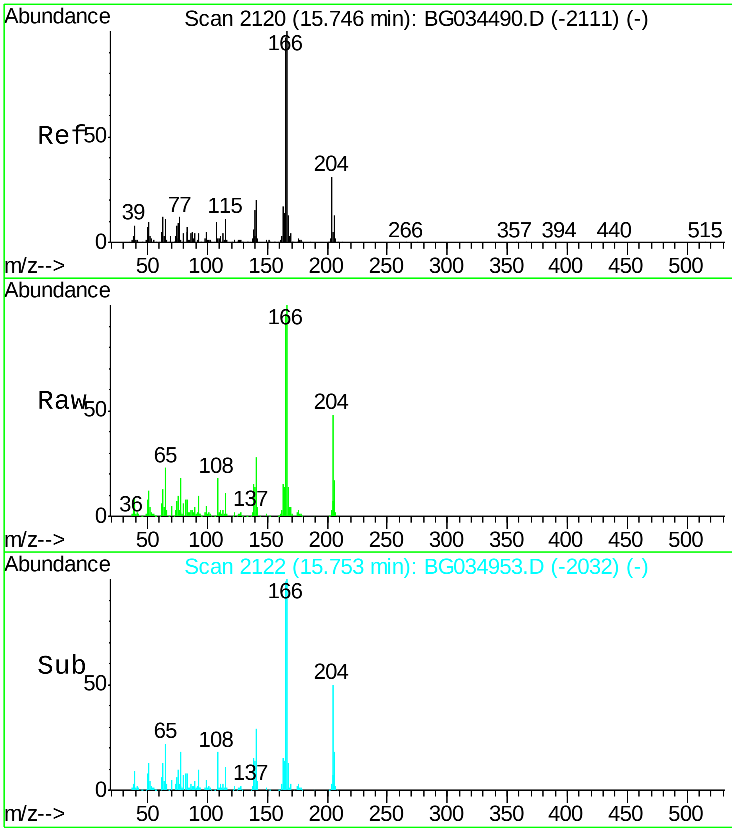


#56
2,4-Dinitrotoluene
Concen: 43.41 ng
RT: 15.05 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:165 Resp: 88229

Ion	Ratio	Lower	Upper
165	100		
63	52.5	42.0	63.0
89	82.8	66.9	100.3
182	3.1	2.6	3.8

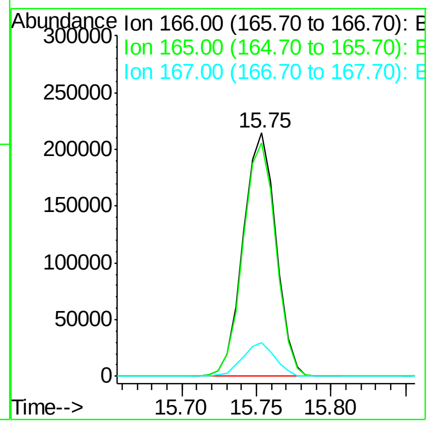


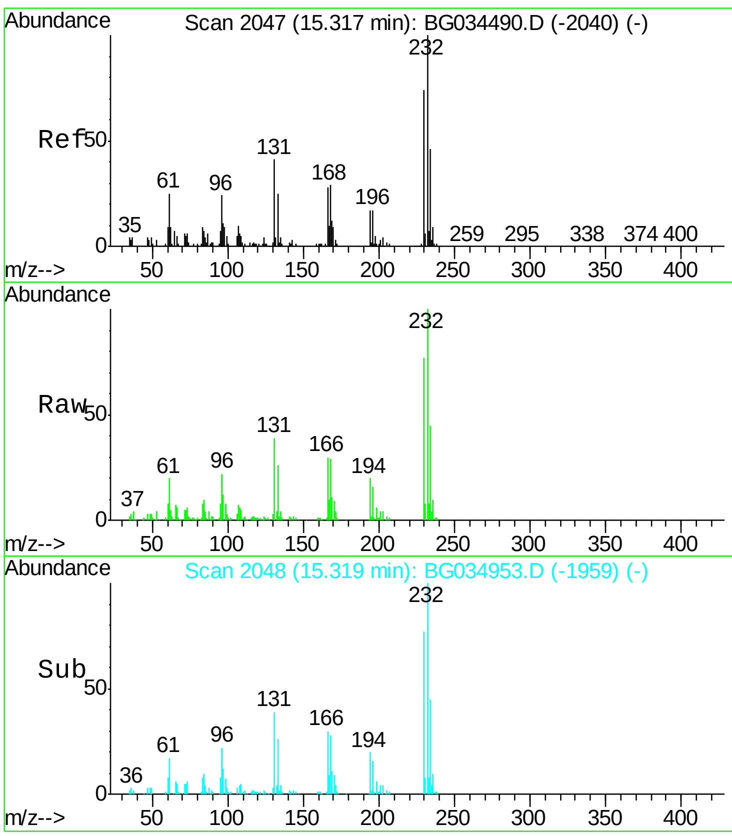


#57
Fluorene
Concen: 40.69 ng
RT: 15.75 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

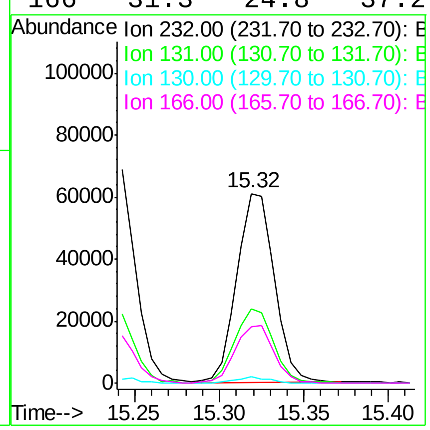
Tgt Ion:166	Resp:	326270	
Ion	Ratio	Lower	Upper
166	100		
165	95.9	80.6	121.0
167	13.6	10.4	15.6

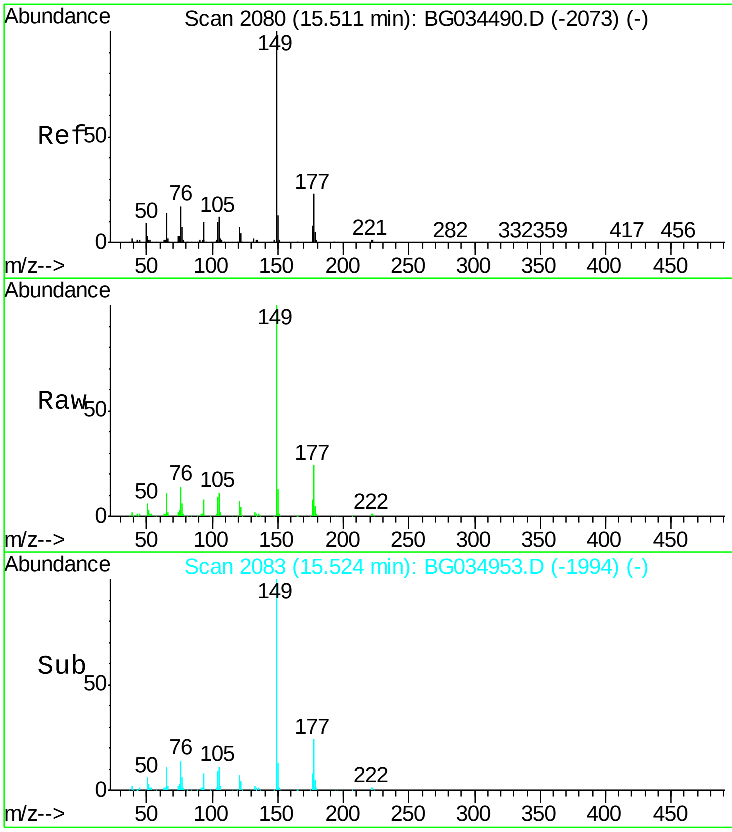




#58
2,3,4,6-Tetrachlorophenol
Concen: 41.15 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:232	Resp:	94105	
Ion	Ratio	Lower	Upper
232	100		
131	40.4	33.5	50.3
130	3.0	2.2	3.2
166	31.3	24.8	37.2



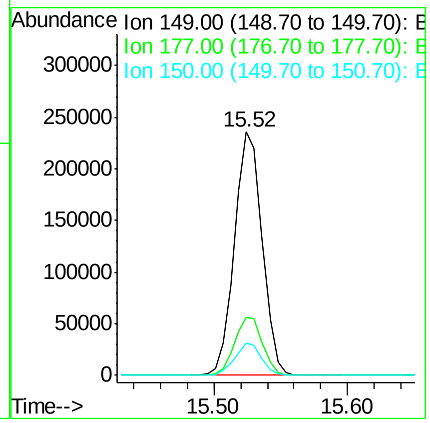


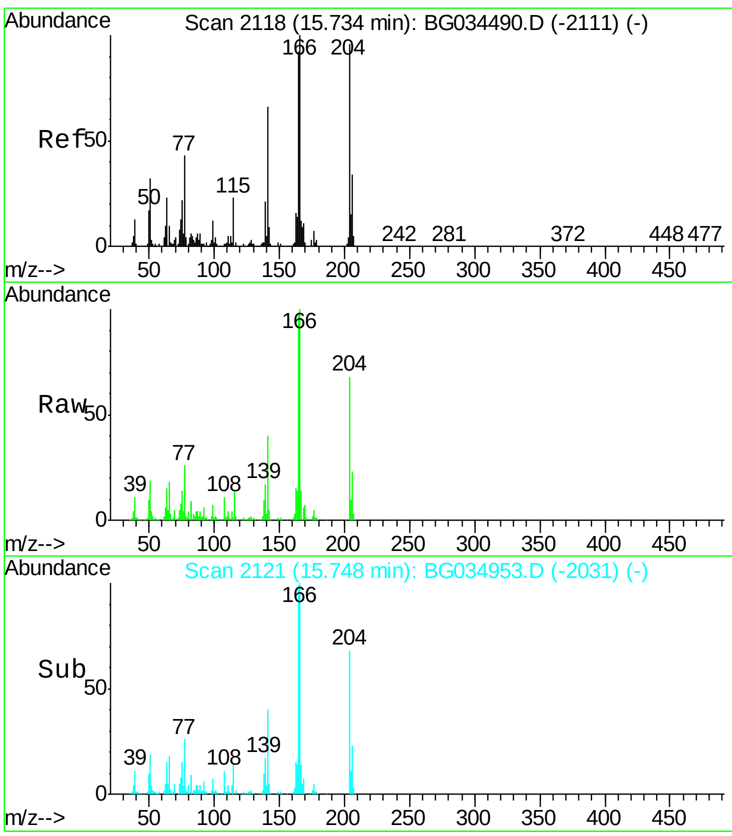
#59
Diethylphthalate
Concen: 39.79 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 340458

Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.5	27.7
150	13.3	10.2	15.2

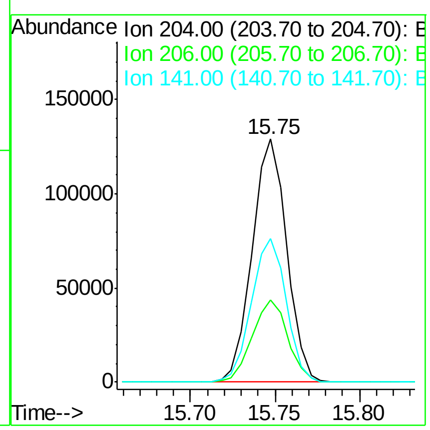


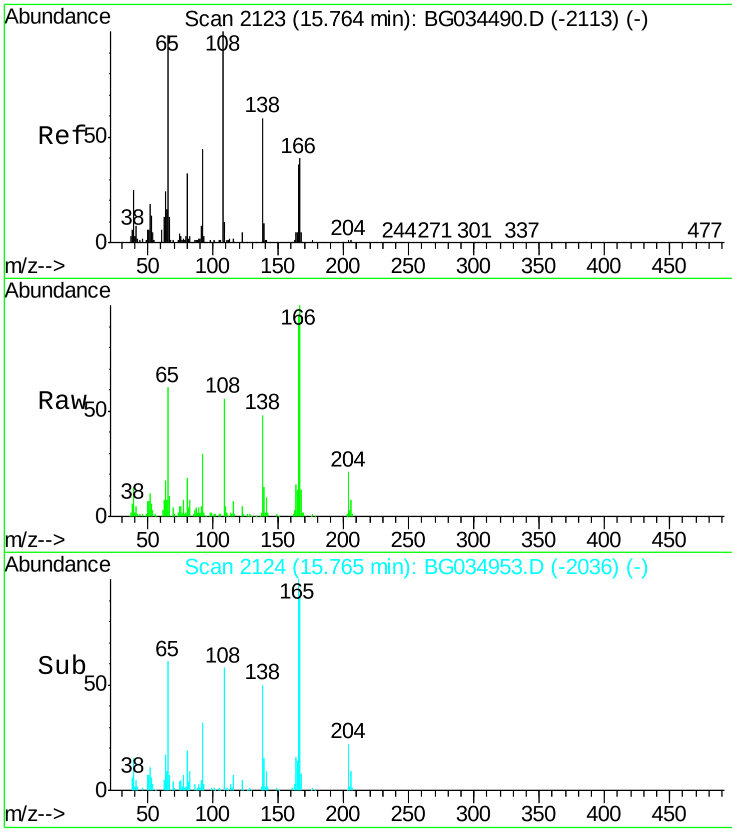


#60
4-Chlorophenyl-phenylether
Concen: 40.18 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:204 Resp: 183707

Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.2	39.2
141	59.0	45.8	68.6



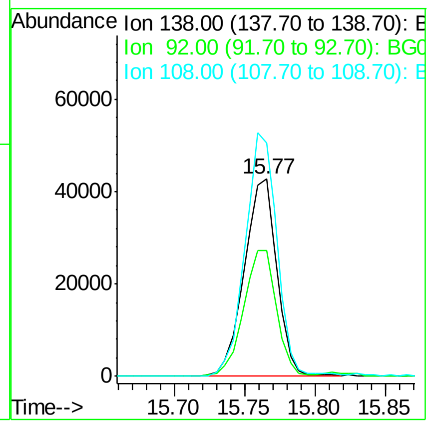


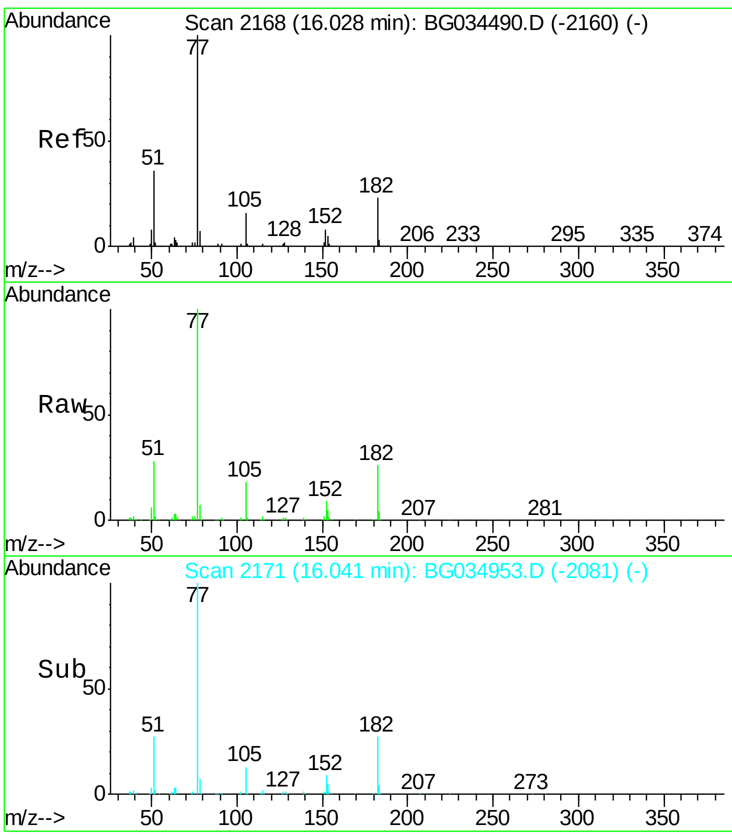
#61
4-Nitroaniline
Concen: 43.01 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 69245

Ion	Ratio	Lower	Upper
138	100		
92	63.9	40.1	80.1
108	118.3	65.4	105.4#

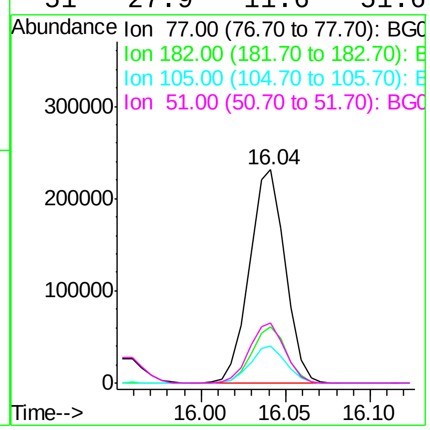


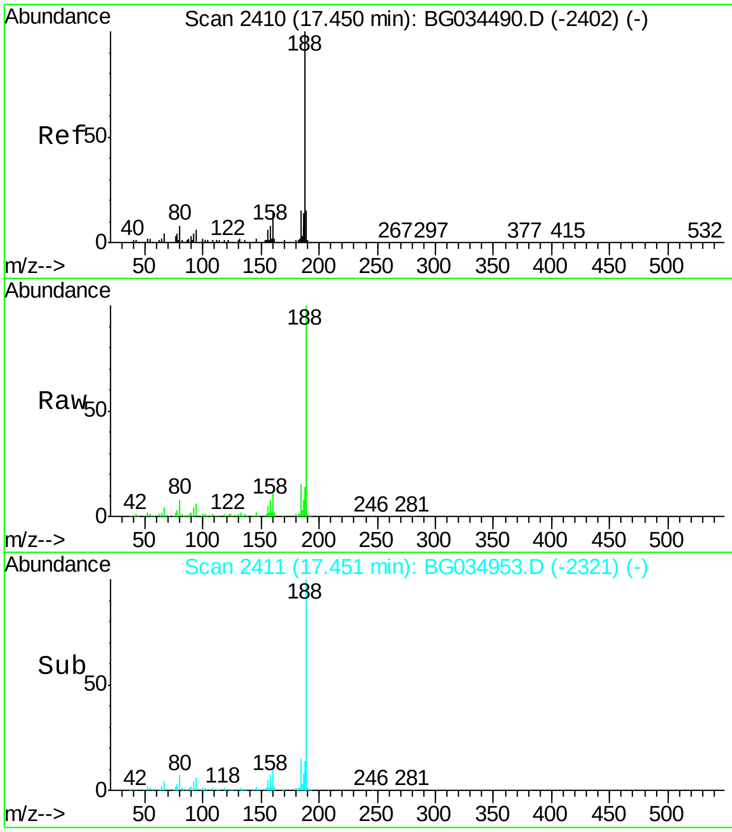


#62
Azobenzene
Concen: 40.46 ng
RT: 16.04 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion: 77 Resp: 339234

Ion	Ratio	Lower	Upper
77	100		
182	26.4	7.4	47.4
105	17.7	0.3	40.3
51	27.9	11.6	51.6



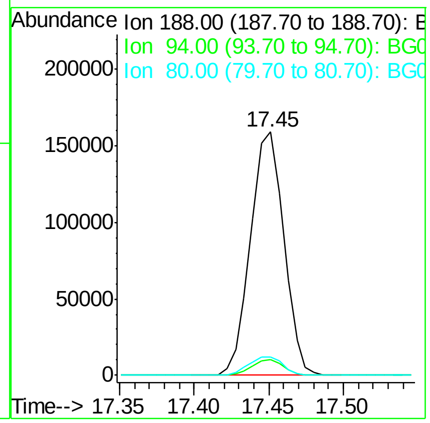


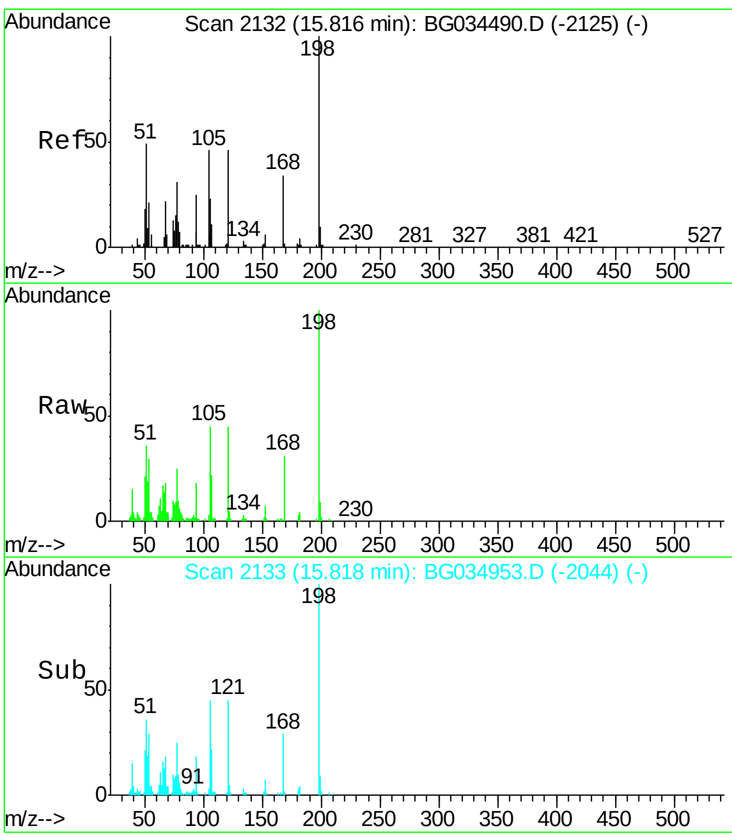
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.45 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 245864

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	7.6	7.7	11.5#

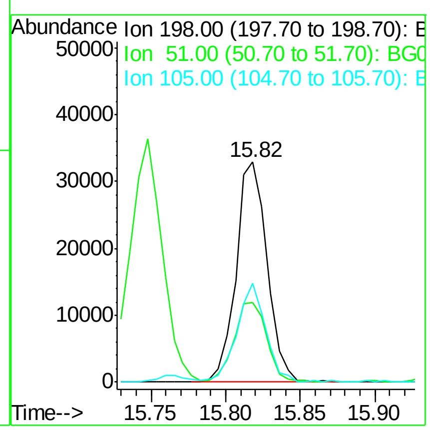


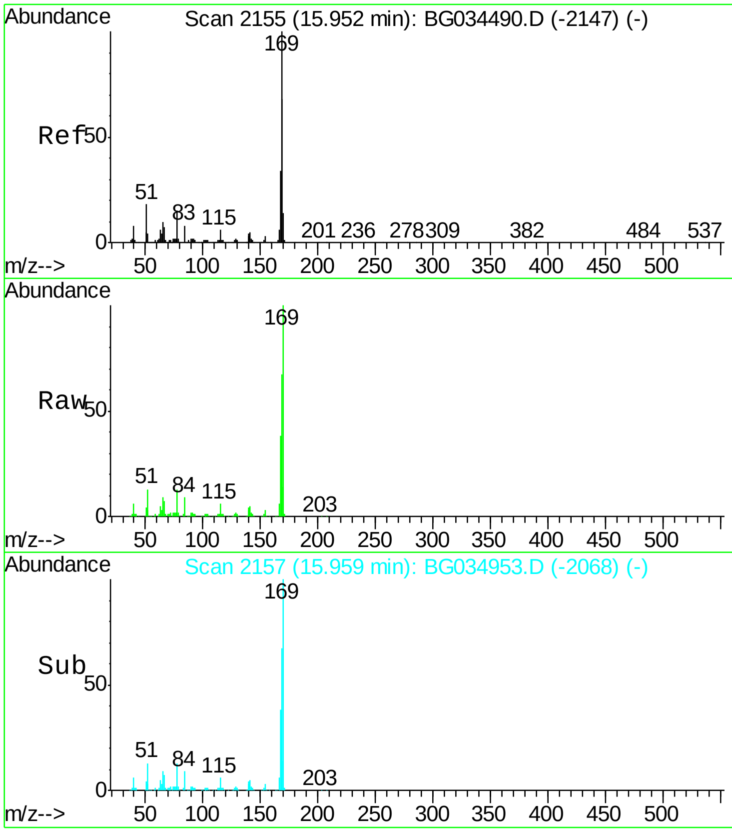


#64
4,6-Dinitro-2-methylphenol
Concen: 42.50 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:198 Resp: 47712

Ion	Ratio	Lower	Upper
198	100		
51	36.2	30.6	70.6
105	44.9	23.8	63.8



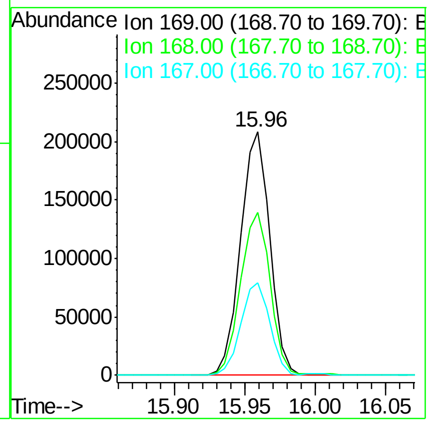


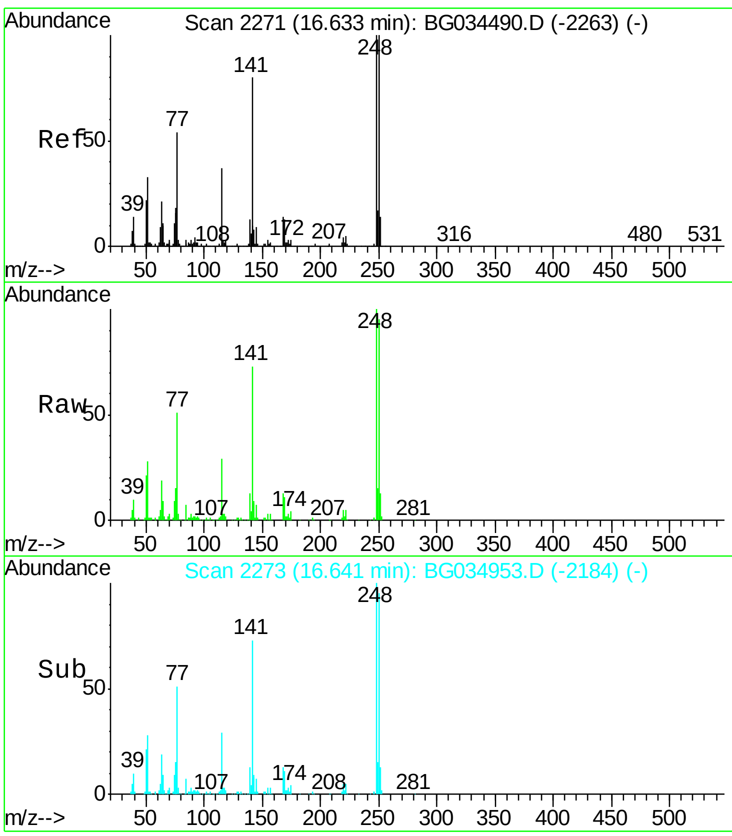
#65
n-Nitrosodiphenylamine
Concen: 40.73 ng
RT: 15.96 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 300726

Ion	Ratio	Lower	Upper
169	100		
168	67.0	55.7	83.5
167	37.9	30.1	45.1

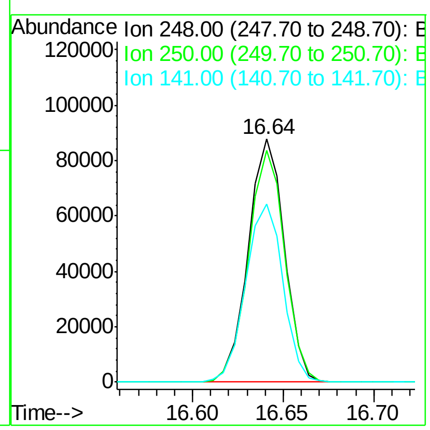


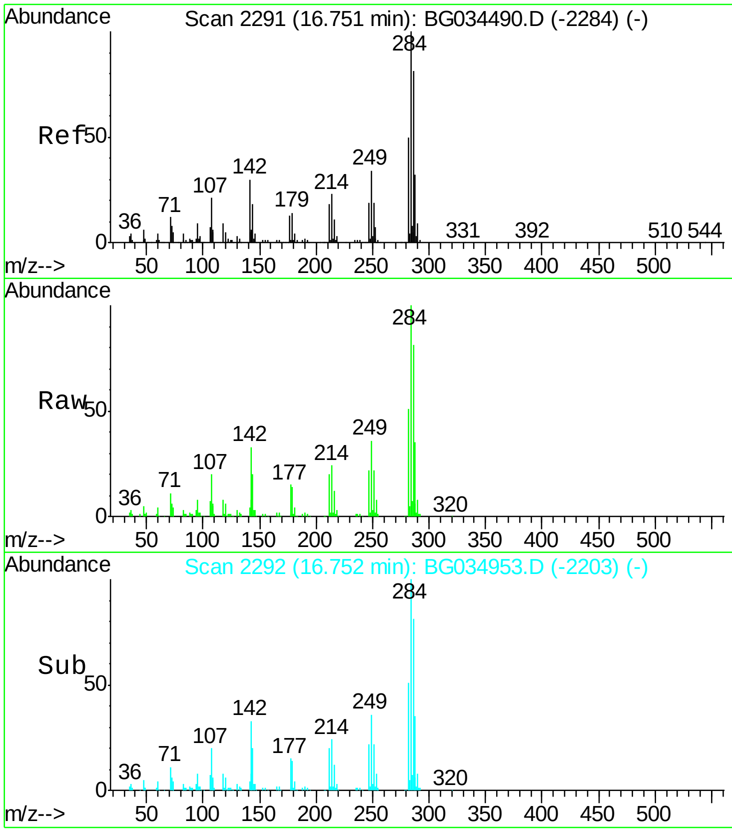


#66
4-Bromophenyl-phenylether
Concen: 41.08 ng
RT: 16.64 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:248 Resp: 121622

Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.1	115.7
141	73.4	50.8	76.2



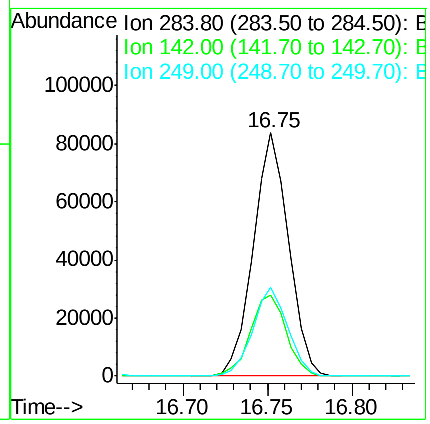


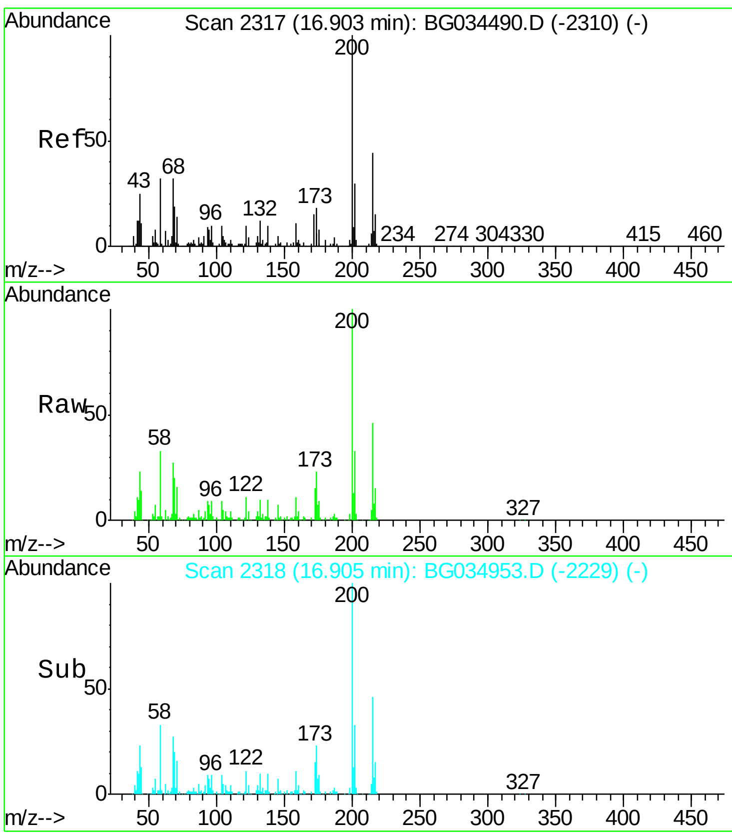
#67
Hexachlorobenzene
Concen: 40.18 ng
RT: 16.75 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:284 Resp: 121092

Ion	Ratio	Lower	Upper
284	100		
142	33.3	26.8	40.2
249	36.3	26.3	39.5

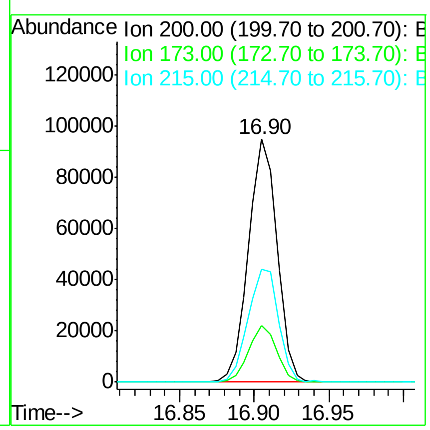


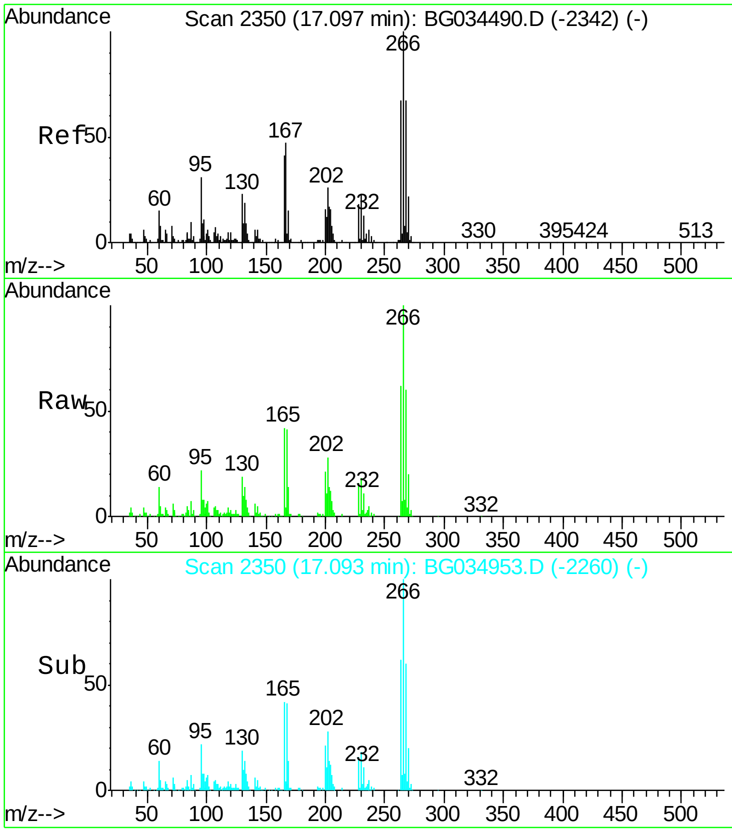


#68
Atrazine
Concen: 39.97 ng
RT: 16.90 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:200 Resp: 125863

Ion	Ratio	Lower	Upper
200	100		
173	23.2	5.2	45.2
215	46.3	30.4	70.4



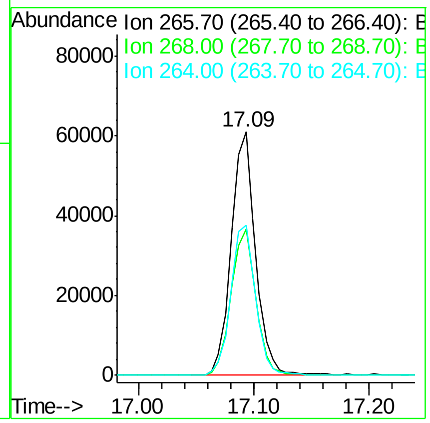


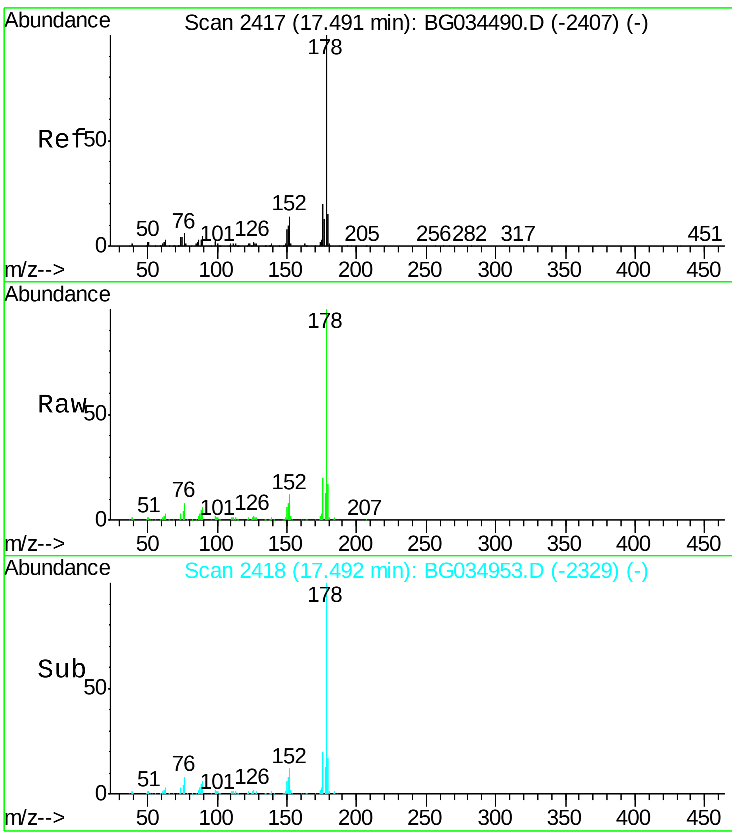
#69
Pentachlorophenol
Concen: 43.77 ng
RT: 17.09 min   Scan# 2350
Delta R.T.   0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:266 Resp: 88699

Ion	Ratio	Lower	Upper
266	100		
268	60.1	51.1	76.7
264	61.9	49.6	74.4

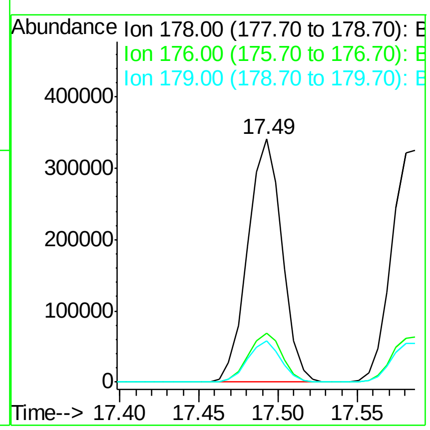


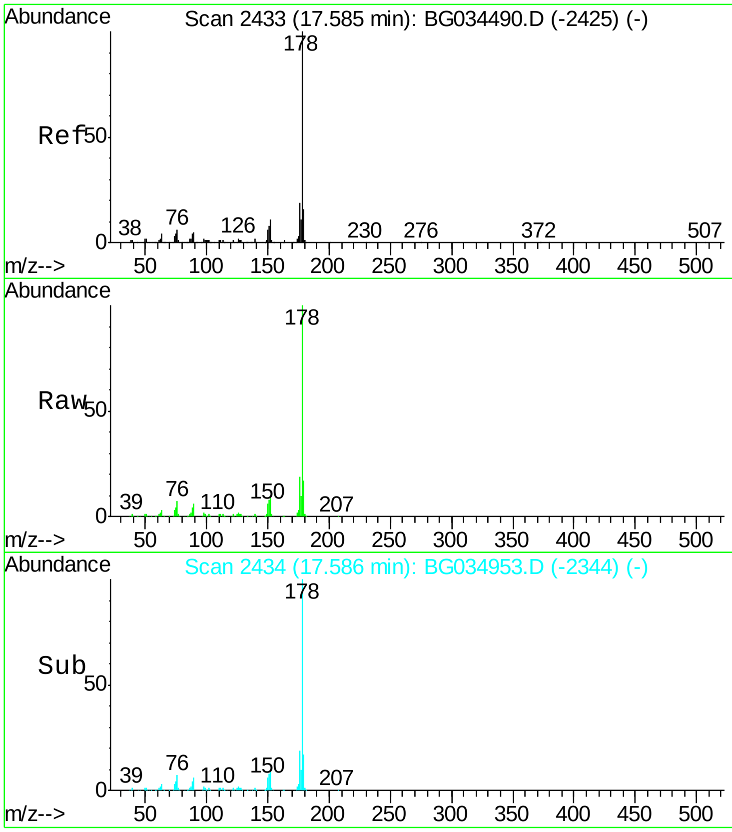


#70
Phenanthrene
Concen: 41.07 ng
RT: 17.49 min   Scan# 2418
Delta R.T.   -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:178 Resp: 512941

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	17.1	12.5	18.7



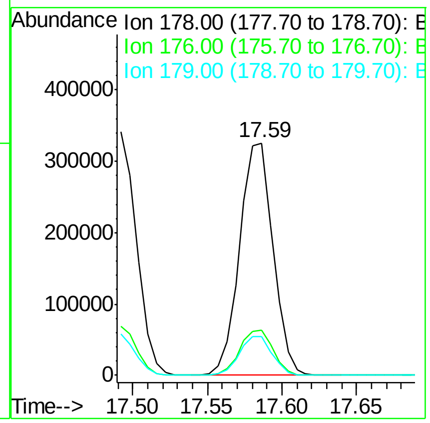


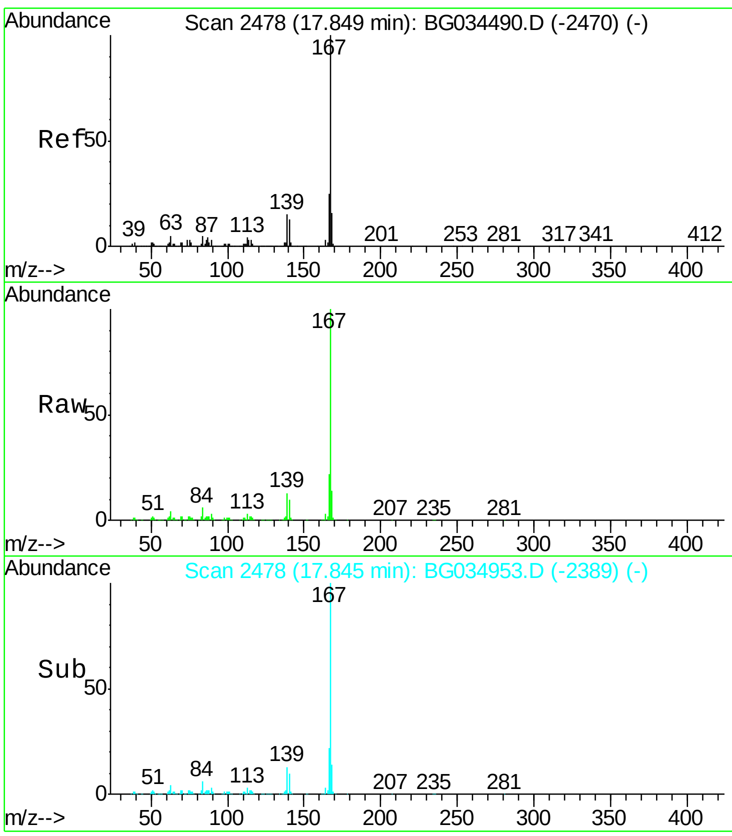
#71
Anthracene
Concen: 40.47 ng
RT: 17.59 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 506334

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	16.7	12.5	18.7

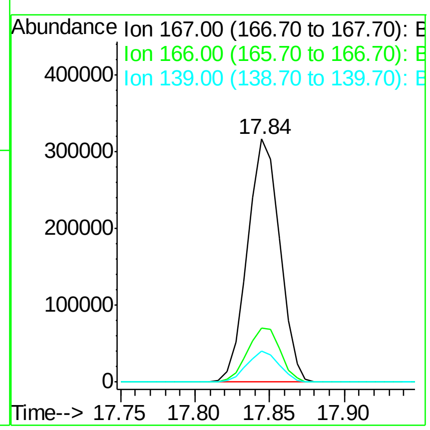


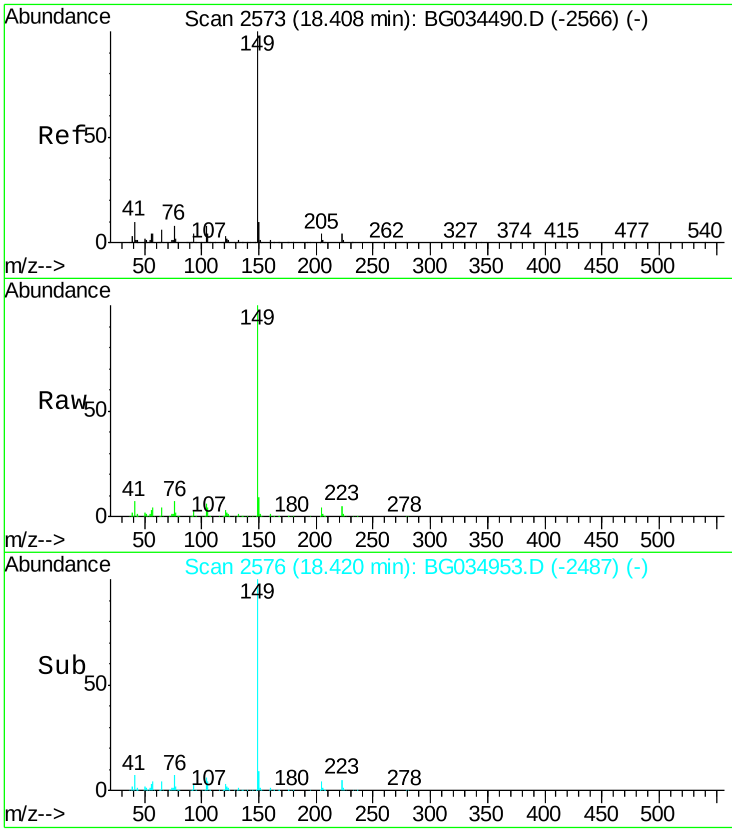


#72
Carbazole
Concen: 40.92 ng
RT: 17.84 min Scan# 2478
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:167 Resp: 475000

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	12.8	9.4	14.2



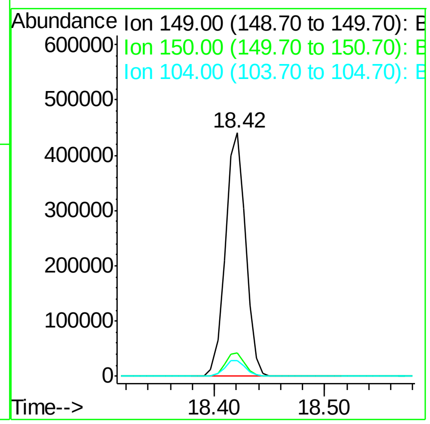


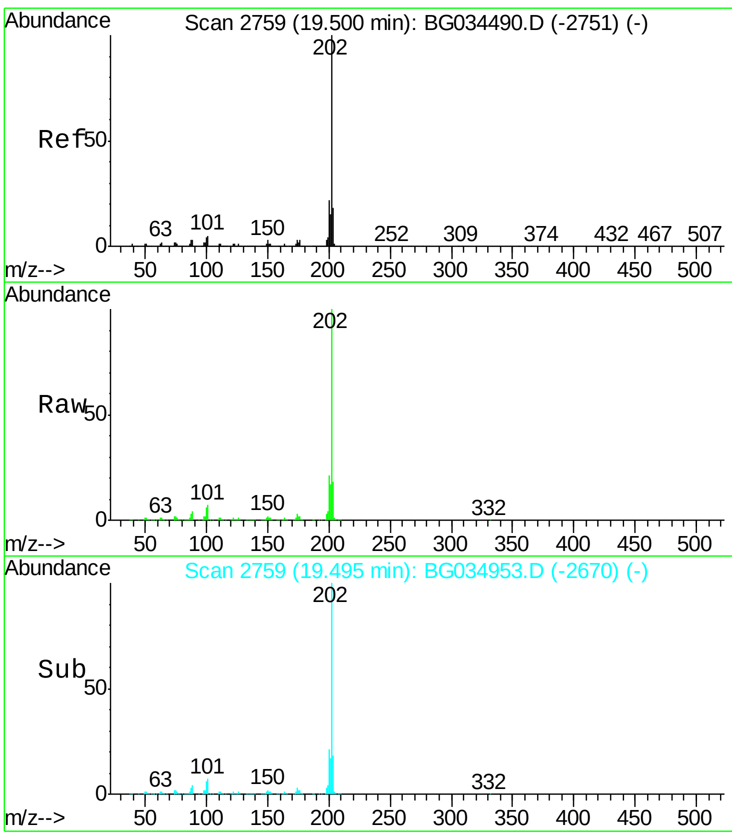
#73
Di-n-butylphthalate
Concen: 40.81 ng
RT: 18.42 min   Scan# 2576
Delta R.T.   -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018   15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 564595

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	6.5	3.9	5.9#

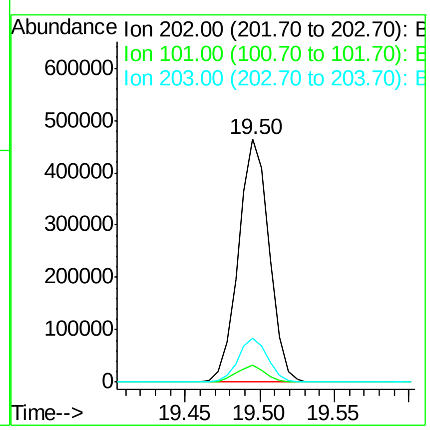


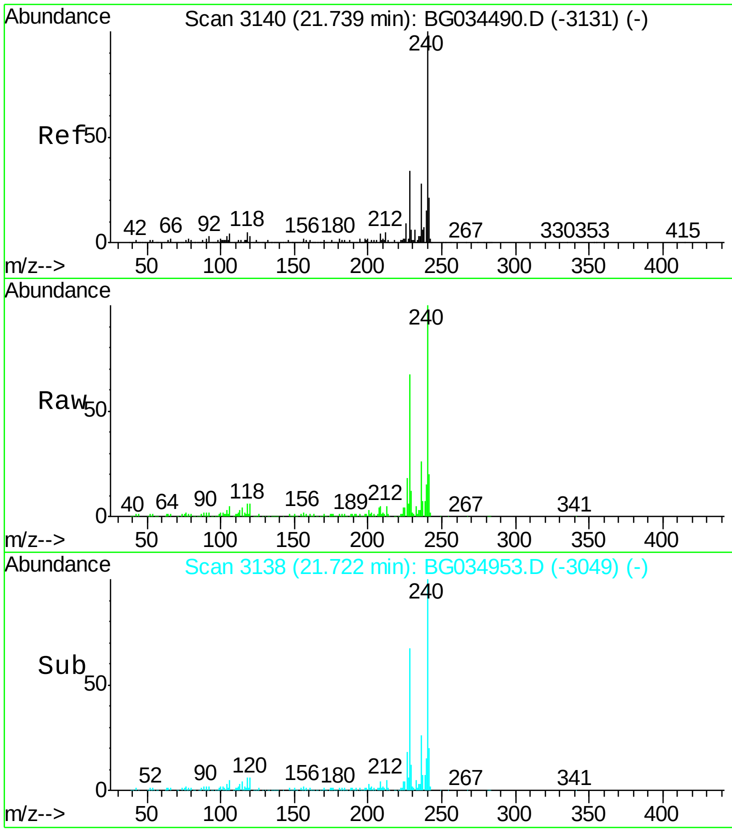


#74
Fluoranthene
Concen: 40.72 ng
RT: 19.50 min   Scan# 2759
Delta R.T.   -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018   15:19

Tgt Ion:202 Resp: 661840

Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	28.9
203	17.9	0.0	37.5



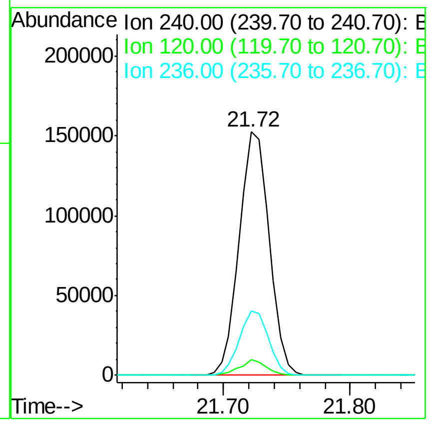


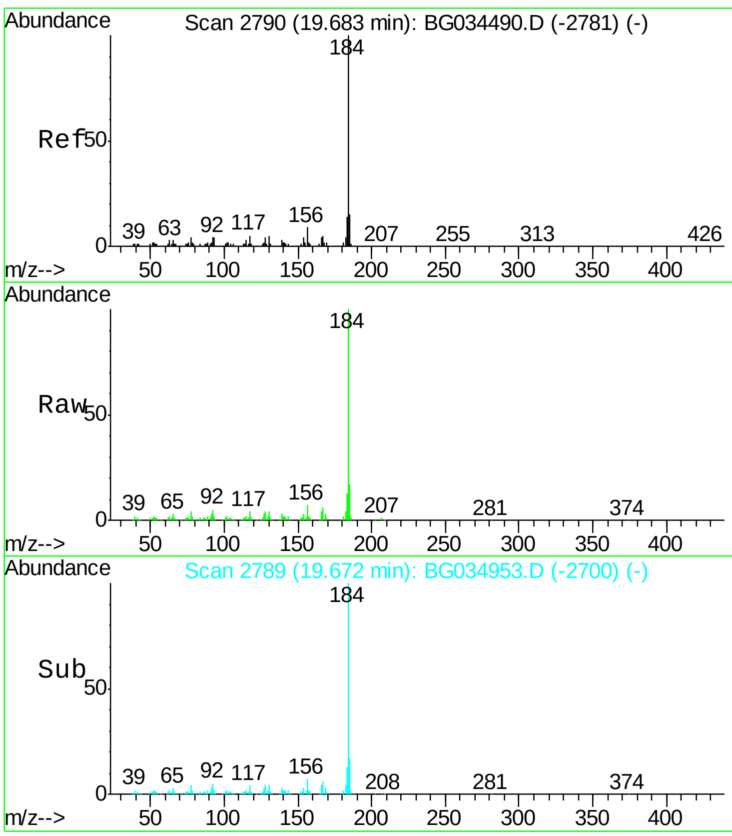
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.72 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 251104

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	26.5	20.9	31.3

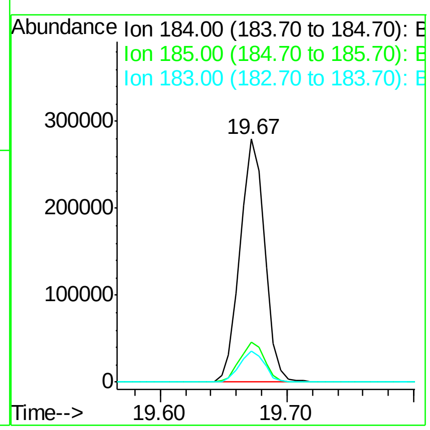


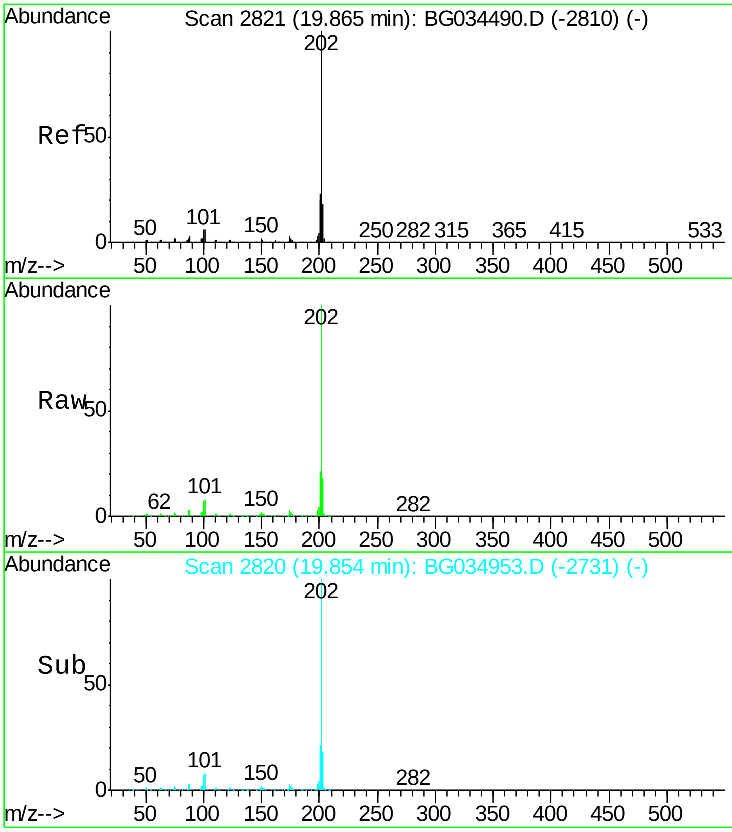


#76
Benzidine
Concen: 40.36 ng
RT: 19.67 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:184 Resp: 376998

Ion	Ratio	Lower	Upper
184	100		
185	16.7	11.1	16.7#
183	12.8	10.6	16.0



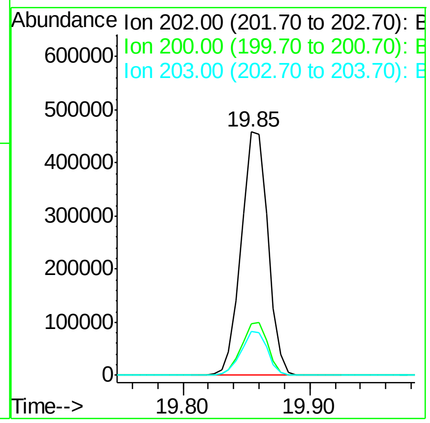


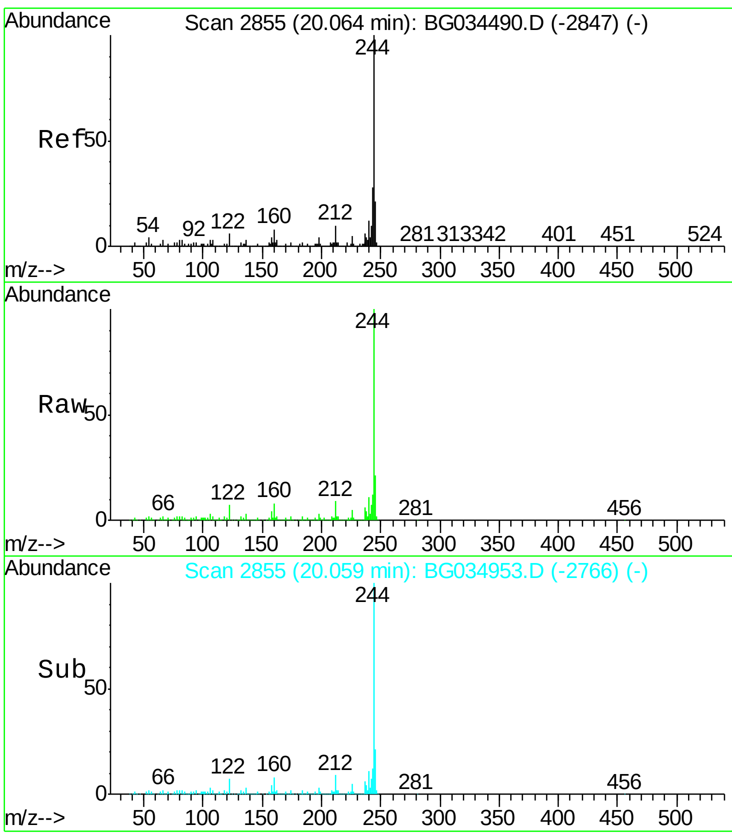
#77
Pyrene
Concen: 40.44 ng
RT: 19.85 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 669443

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.2	13.9	20.9

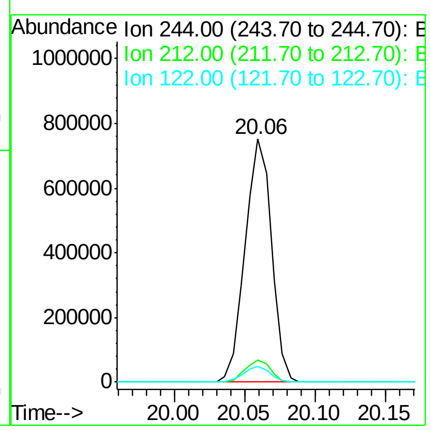


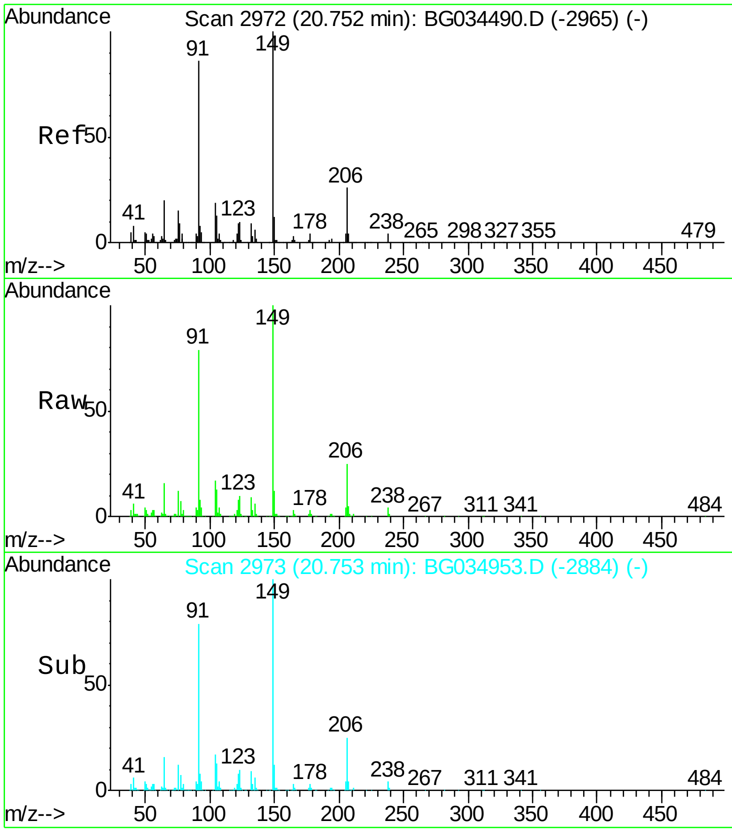


#78
Terphenyl-d14
Concen: 82.33 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:244 Resp: 986894

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	6.7	7.0	10.4#



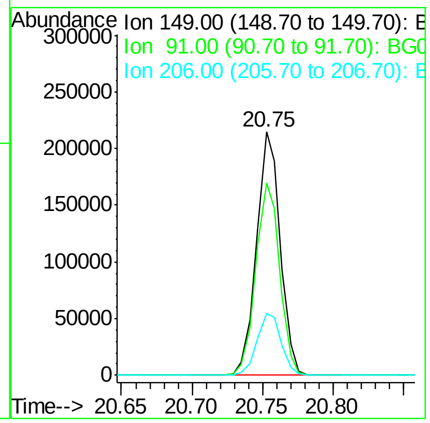


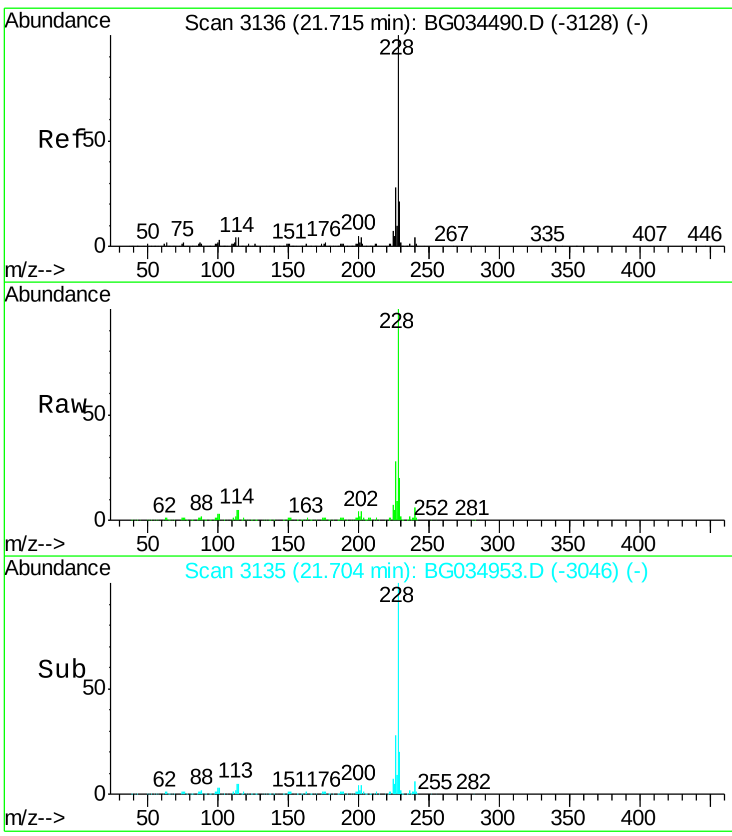
#79
Butylbenzylphthalate
Concen: 42.27 ng
RT: 20.75 min Scan# 2973
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 254097

Ion	Ratio	Lower	Upper
149	100		
91	79.1	62.2	93.2
206	25.4	18.6	27.8

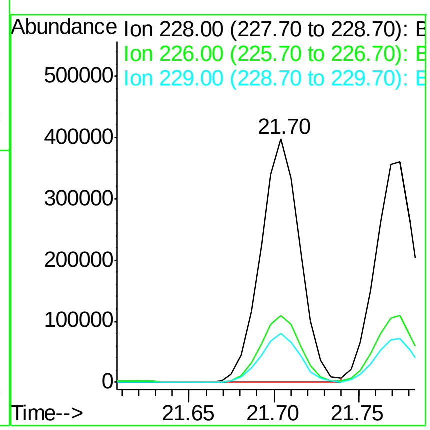


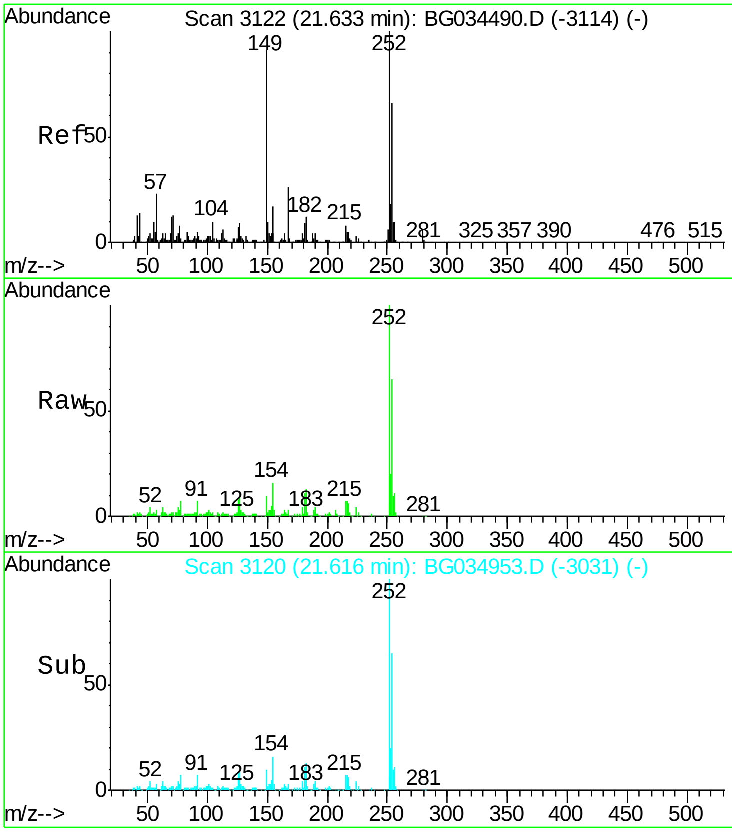


#80
Benzo(a)anthracene
Concen: 40.30 ng
RT: 21.70 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:228 Resp: 646660

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.7	34.1
229	20.3	16.2	24.2



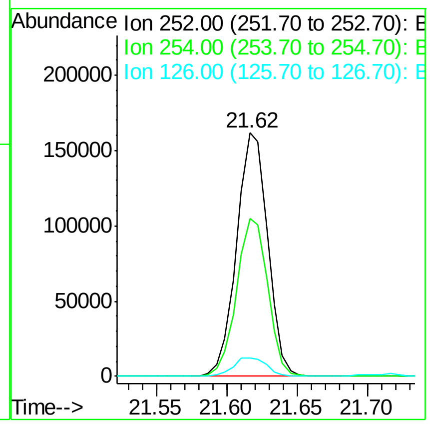


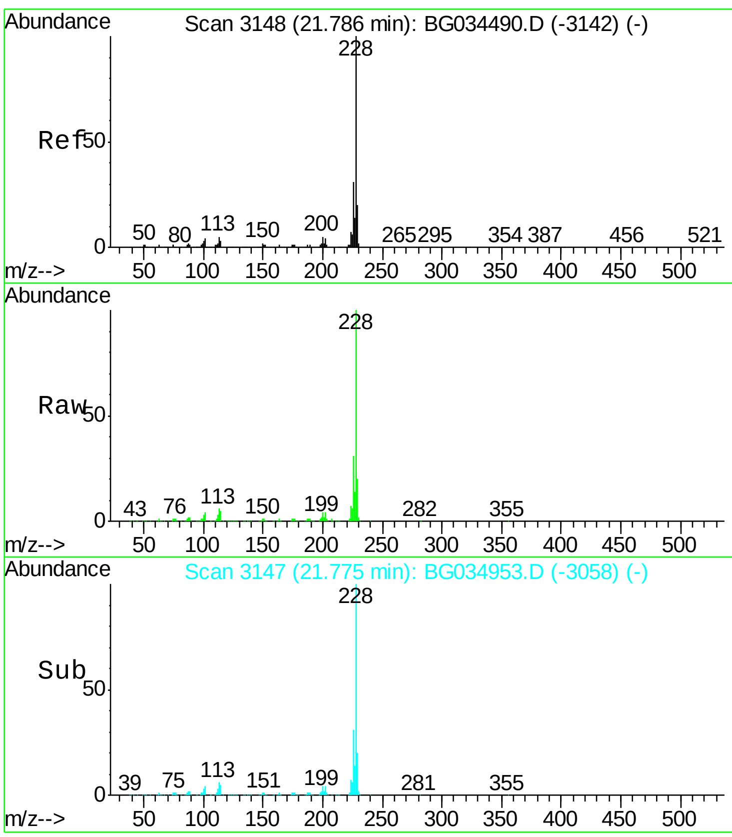
#81
3,3'-Dichlorobenzidine
Concen: 41.26 ng
RT: 21.62 min   Scan# 3120
Delta R.T.   -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018   15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 249079

Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.8	76.2
126	7.7	7.4	11.2

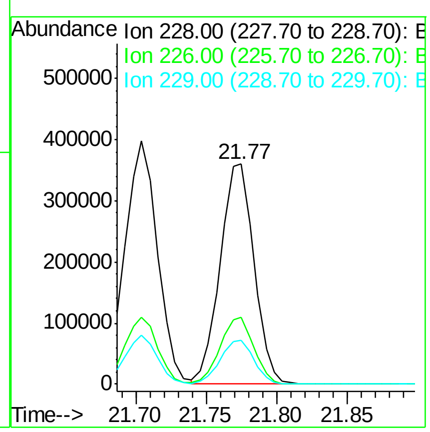


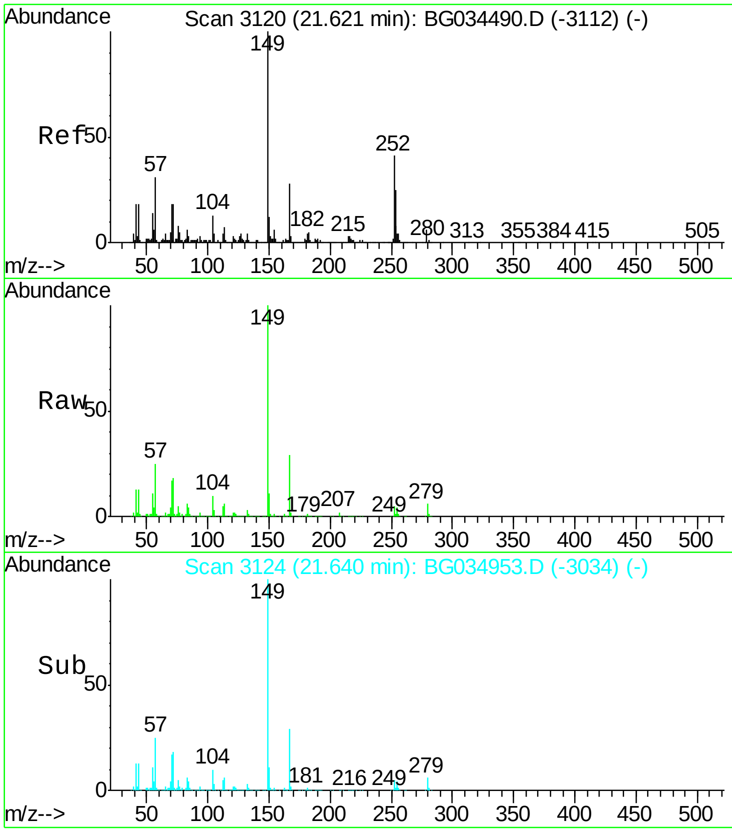


#82
Chrysene
Concen: 40.91 ng
RT: 21.77 min   Scan# 3147
Delta R.T.   -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018   15:19

Tgt Ion:228 Resp: 601065

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.1	15.0	22.4



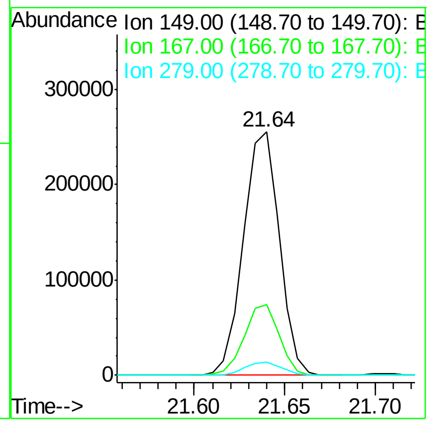


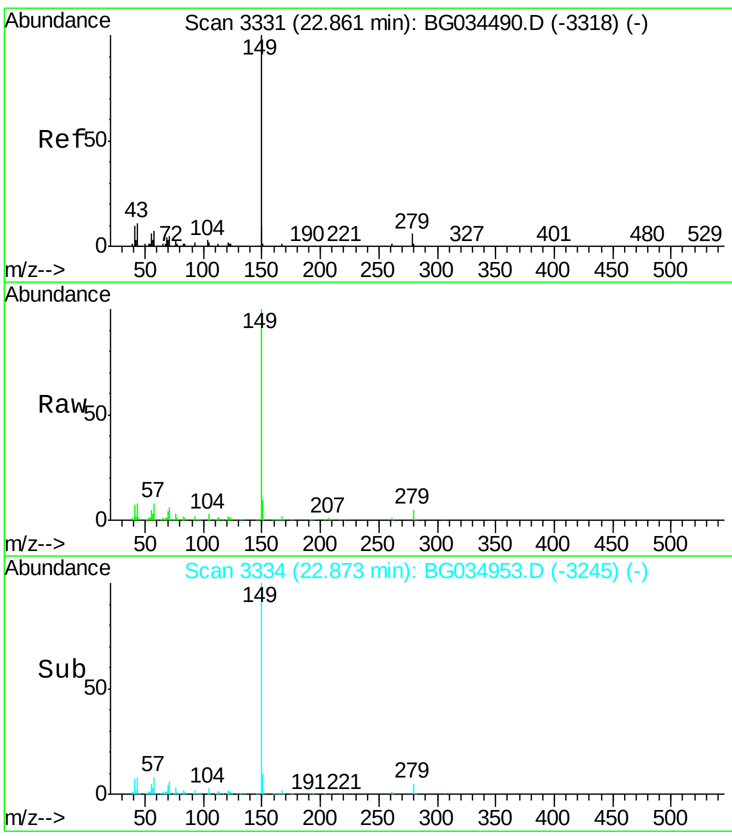
#83
Bis(2-ethylhexyl)phthalate
Concen: 41.82 ng
RT: 21.64 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 355198

Ion	Ratio	Lower	Upper
149	100		
167	29.0	24.3	36.5
279	5.6	4.0	6.0

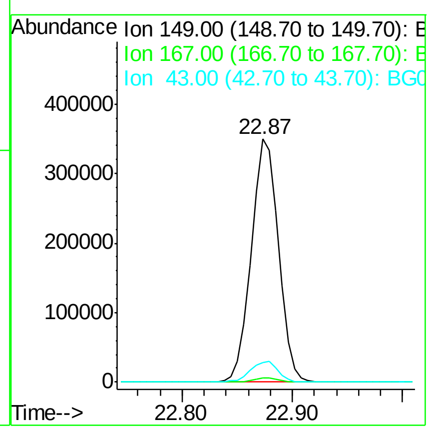


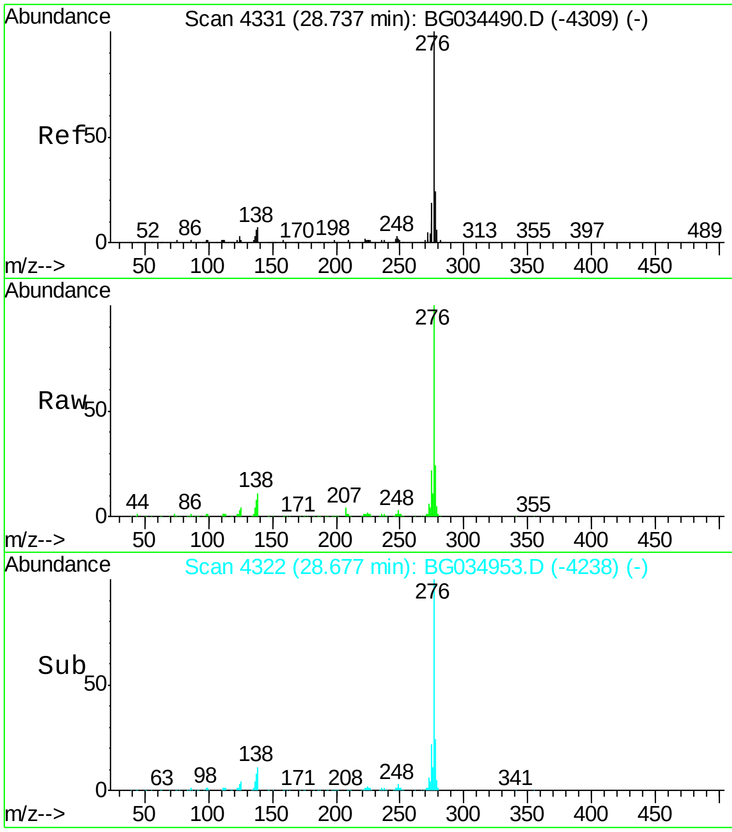


#84
Di-n-octyl phthalate
Concen: 41.60 ng
RT: 22.87 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:149 Resp: 606218

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.9	8.9	13.3



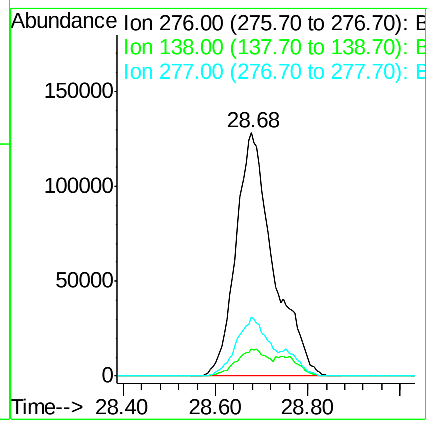


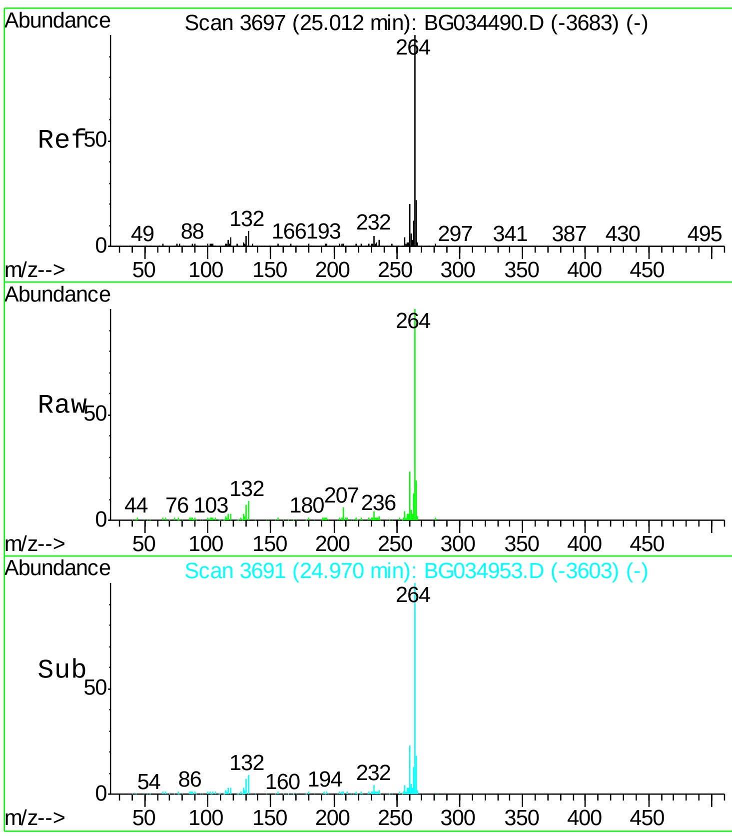
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.98 ng
RT: 28.68 min Scan# 4322
Delta R.T. -0.03 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 722255

Ion	Ratio	Lower	Upper
276	100		
138	9.2	16.0	24.0#
277	20.4	20.0	30.0

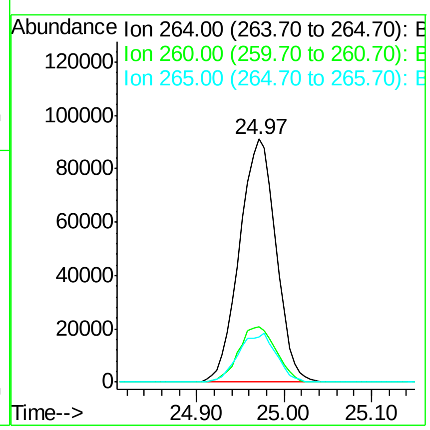


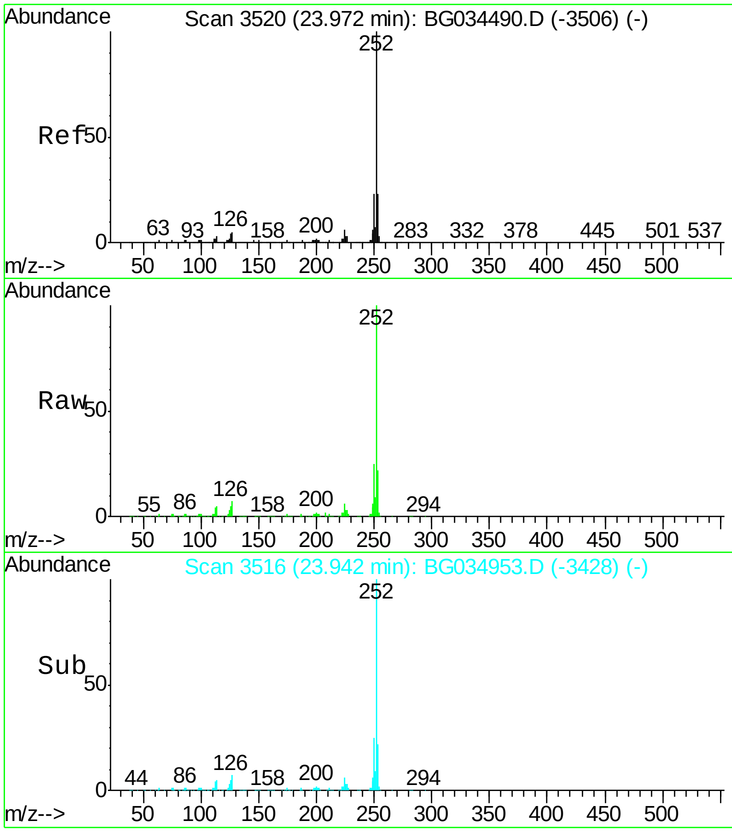


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.97 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:264 Resp: 259125

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	18.8	17.7	26.5



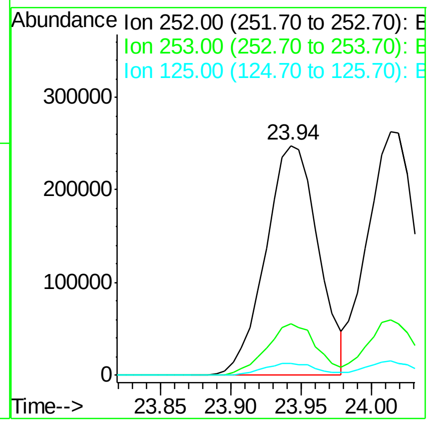


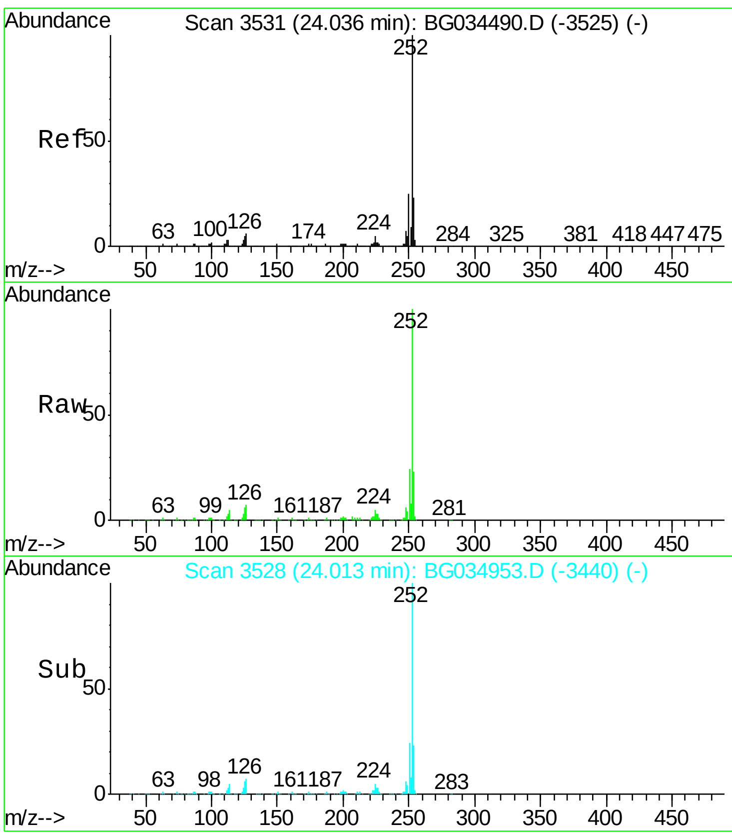
#87
Benzo(b)fluoranthene
Concen: 40.44 ng
RT: 23.94 min   Scan# 3516
Delta R.T.   -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018   15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 645339

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	5.3	7.2	10.8#

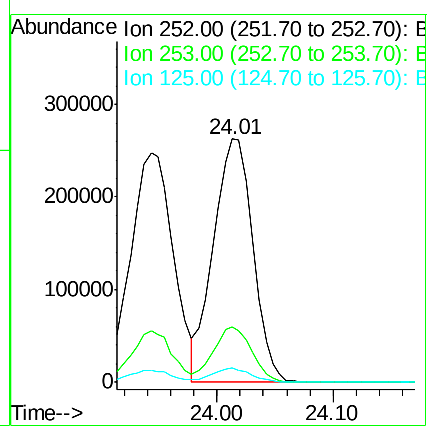


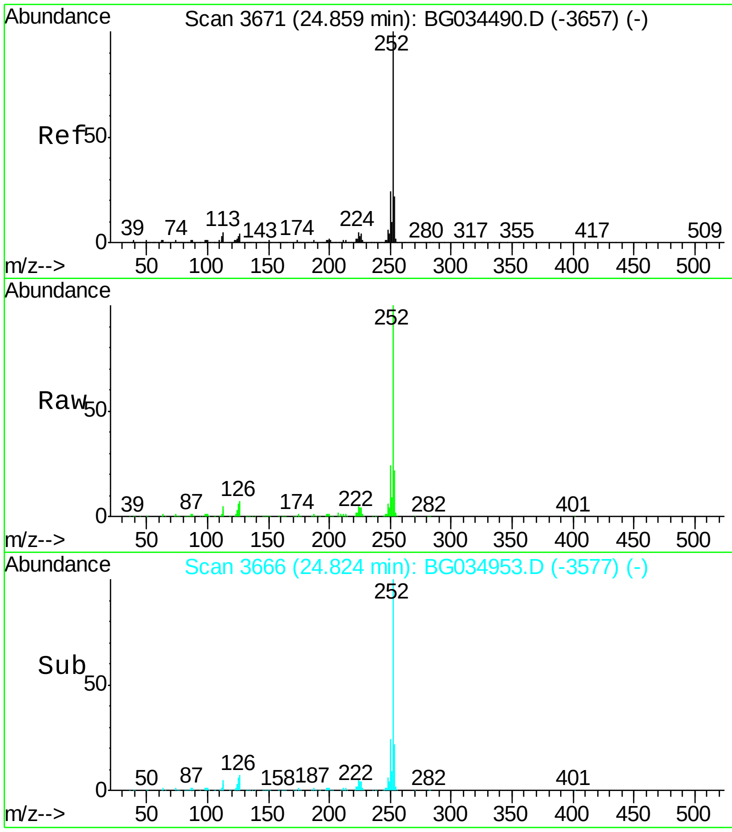


#88
Benzo(k)fluoranthene
Concen: 39.95 ng
RT: 24.01 min   Scan# 3528
Delta R.T.   -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018   15:19

Tgt Ion:252 Resp: 623580

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	5.9	6.6	9.8#



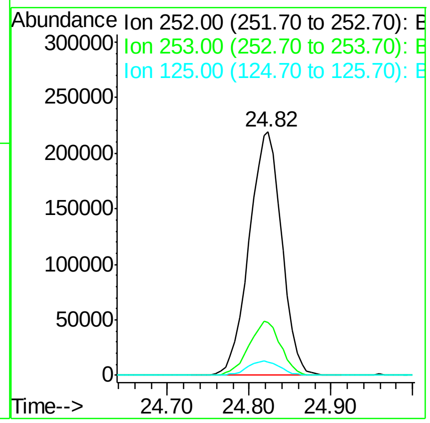


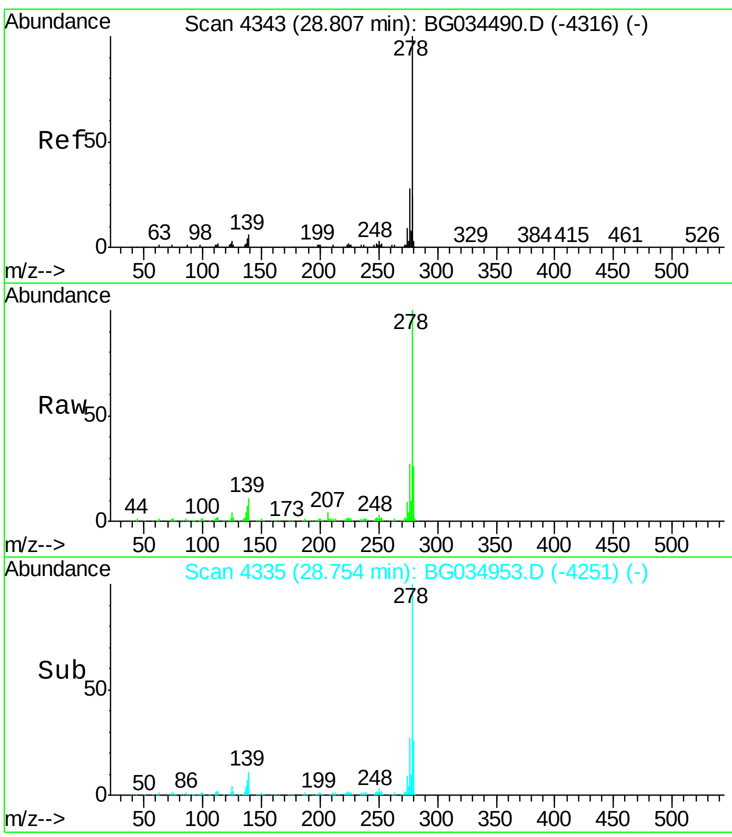
#89
Benzo(a)pyrene
Concen: 40.39 ng
RT: 24.82 min Scan# 3666
Delta R.T. -0.01 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 606410

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.3	27.5
125	5.5	7.3	10.9#

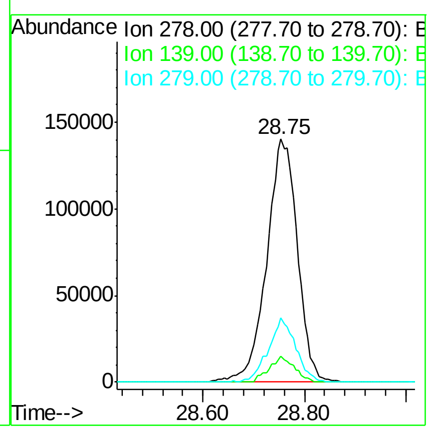


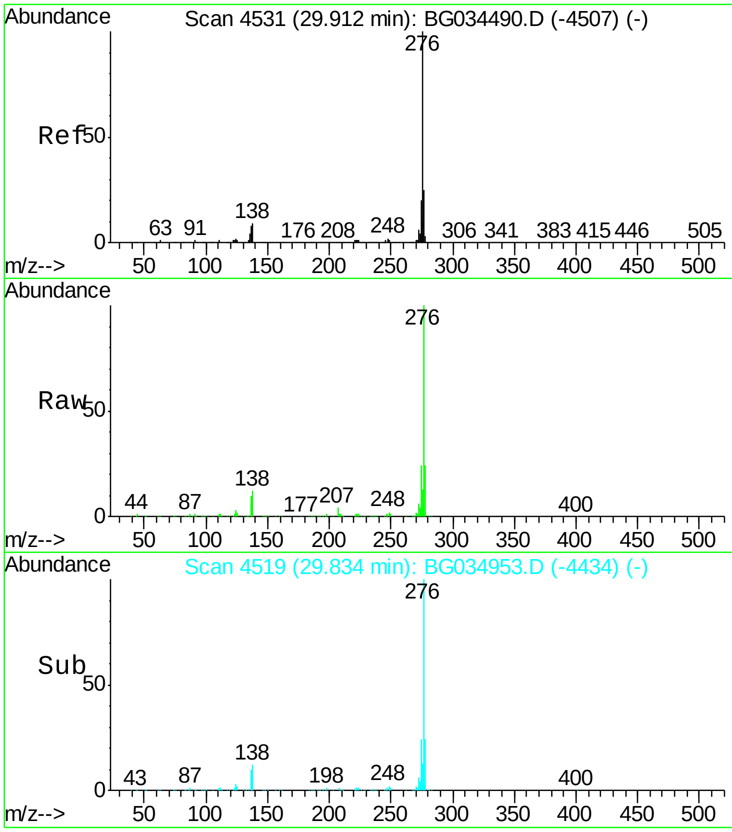


#90
Dibenzo(a,h)anthracene
Concen: 40.04 ng
RT: 28.75 min Scan# 4335
Delta R.T. -0.03 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Tgt Ion:278 Resp: 593496

Ion	Ratio	Lower	Upper
278	100		
139	10.8	9.8	14.6
279	26.3	18.4	27.6





#91
Benzo(g,h,i)perylene
Concen: 40.10 ng
RT: 29.83 min Scan# 4519
Delta R.T. -0.03 min
Lab File: BG034953.D
Acq: 7 Jun 2018 15:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 581706

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.3	27.5
138	11.9	13.9	20.9#