Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062018\

Quantitation Report (QT Reviewed)

Data File : BG035262.D
Acq On : 20 Jun 2018 11:43
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 20 13:09:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	51045	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	204868	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	146139	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	379950	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	397639	20.00	ng	-0.02
86) Perylene-d12	24.92	264	394130	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	231454	76.52	ng	-0.02
7) Phenol-d6	7.21	99	339779	76.11	ng	-0.01
23) Nitrobenzene-d5	9.22	82	350852	81.41	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	161259	86.20	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	840324	74.75	ng	-0.02
78) Terphenyl-d14	20.03	244	1344648	70.83	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units		Qvalue
2) 1,4-Dioxane	3.56	88	55066	38.157	ng	#	71
3) Pyridine	3.95	79	155217	39.862	ng	#	70
4) n-Nitrosodimethylamine	3.87	42	58040	34.696	ng	#	76
6) Aniline	7.38	93	214680	37.202	ng		99
8) 2-Chlorophenol	7.62	128	120528	38.015	ng		96
9) Benzaldehyde	7.20	77	104438	30.371	ng		96
10) Phenol	7.24	94	178550	38.647	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	136329	38.018	ng		86
12) 1,3-Dichlorobenzene	7.95	146	145444	38.448	ng		96
13) 1,4-Dichlorobenzene	8.09	146	145977	37.381	ng		99
14) 1,2-Dichlorobenzene	8.41	146	141556	38.591	ng		98
15) Benzyl Alcohol	8.29	79	147143	34.785	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	97882	27.425	ng		76
17) 2-Methylphenol	8.49	107	117482	38.570	ng	#	93
18) Hexachloroethane	9.14	117	53710	38.418	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	132271	34.875	ng	#	85
20) 3+4-Methylphenols	8.82	107	164601	37.701	ng		94
22) Acetophenone	8.88	105	242352	38.189	ng	#	87
24) Nitrobenzene	9.26	77	170824	38.706	ng		98
25) Isophorone	9.78	82	335737	36.896	ng		98
26) 2-Nitrophenol	9.97	139	72813	47.864	ng	#	89
27) 2,4-Dimethylphenol	10.03	122	117436	36.727	ng		90
28) bis(2-Chloroethoxy)methane	10.26	93	187509	38.346	ng		95
29) 2,4-Dichlorophenol	10.50	162	139329	40.045	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	164771	39.495	ng		96
31) Naphthalene	10.91	128	401134	37.691	ng		97
32) Benzoic acid	10.16	122	94901	44.310	ng		97
33) 4-Chloroaniline	11.01	127	176847	38.269	ng	#	92
34) Hexachlorobutadiene	11.20	225	124261	38.298	ng		99
35) Caprolactam	11.79	113	53554	41.649	ng	#	65
36) 4-Chloro-3-methylphenol	12.13	107	170389	39.286	ng		98
37) 2-Methylnaphthalene	12.51	142	309573	38.366	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	217192	39.900	ng		98
40) Hexachlorocyclopentadiene	12.86	237	133983	39.251	ng		89

Quantitation Report (QT Reviewed)

Data File : BG035262.D
Acq On : 20 Jun 2018 11:43
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jun 20 13:09:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	136907	42.004 ng		96
43) 2,4,5-Trichlorophenol	13.19	196	149597	41.817 ng		96
45) 1,1'-Biphenyl	13.52	154	439525	37.403 ng		97
46) 2-Chloronaphthalene	13.56	162	334541	37.654 ng		98
47) 2-Nitroaniline	13.76	65	107430	40.949 ng		90
48) Acenaphthylene	14.40	152	555918	37.316 ng		97
49) Dimethylphthalate	14.13	163	468706	36.779 ng		99
50) 2,6-Dinitrotoluene	14.25	165	96230	41.391 ng		93
51) Acenaphthene	14.74	154	379499	38.988 ng		99
52) 3-Nitroaniline	14.58	138	95660	41.932 ng	#	90
53) 2,4-Dinitrophenol	14.78	184	51686	54.933 ng	#	58
54) Dibenzofuran	15.08	168	548352	37.615 ng		95
55) 4-Nitrophenol	14.88	139	77164	40.078 ng		87
56) 2,4-Dinitrotoluene	15.04	165	141589	45.846 ng	#	83
57) Fluorene	15.73	166	457142	37.522 ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	142538	41.014 ng		94
59) Diethylphthalate	15.49	149	470609	36.196 ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	271912	39.140 ng		95
61) 4-Nitroaniline	15.74	138	100254	40.977 ng		88
62) Azobenzene	16.01	77	434275	34.085 ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	84428	48.669 ng		85
65) n-Nitrosodiphenylamine	15.93	169	427681	37.482 ng		98
66) 4-Bromophenyl-phenylether	16.61	248	178736	39.064 ng		99
67) Hexachlorobenzene	16.73	284	182091	39.100 ng		93
68) Atrazine	16.88	200	152699	31.382 ng		98
69) Pentachlorophenol	17.07	266	129090	41.222 ng		96
70) Phenanthrene	17.46	178	713112	36.948 ng		98
71) Anthracene	17.56	178	703490	36.388 ng		97
72) Carbazole	17.83	167	651458	36.317 ng		99
73) Di-n-butylphthalate	18.38	149	754299	35.280 ng	#	98
74) Fluoranthene	19.47	202	913758	36.383 ng		96
76) Benzidine	19.65	184	245631	16.604 ng		96
77) Pyrene	19.83	202	930687	35.503 ng		98
79) Butylbenzylphthalate	20.72	149	342835	36.017 ng	#	93
80) Benzo(a)anthracene	21.68	228	926857	36.476 ng		98
81) 3,3'-Dichlorobenzidine	21.59	252	346863	36.283 ng	#	98
82) Chrysene	21.74	228	850033	36.537 ng		98
83) Bis(2-ethylhexyl)phthalate	21.58	149	470627	34.991 ng	#	97
84) Di-n-octyl phthalate	22.79	149	794625	34.437 ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.59	276	1001815	36.767 ng	#	90
87) Benzo(b)fluoranthene	23.90	252	879512	36.237 ng	#	96
88) Benzo(k)fluoranthene	23.96	252	883340	37.205 ng	#	95
89) Benzo(a)pyrene	24.77	252	842901	36.907 ng	#	97
90) Dibenzo(a,h)anthracene	28.67	278	837923	37.166 ng	#	96
91) Benzo(g,h,i)perylene	29.75	276	812944	36.844 ng	#	94

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

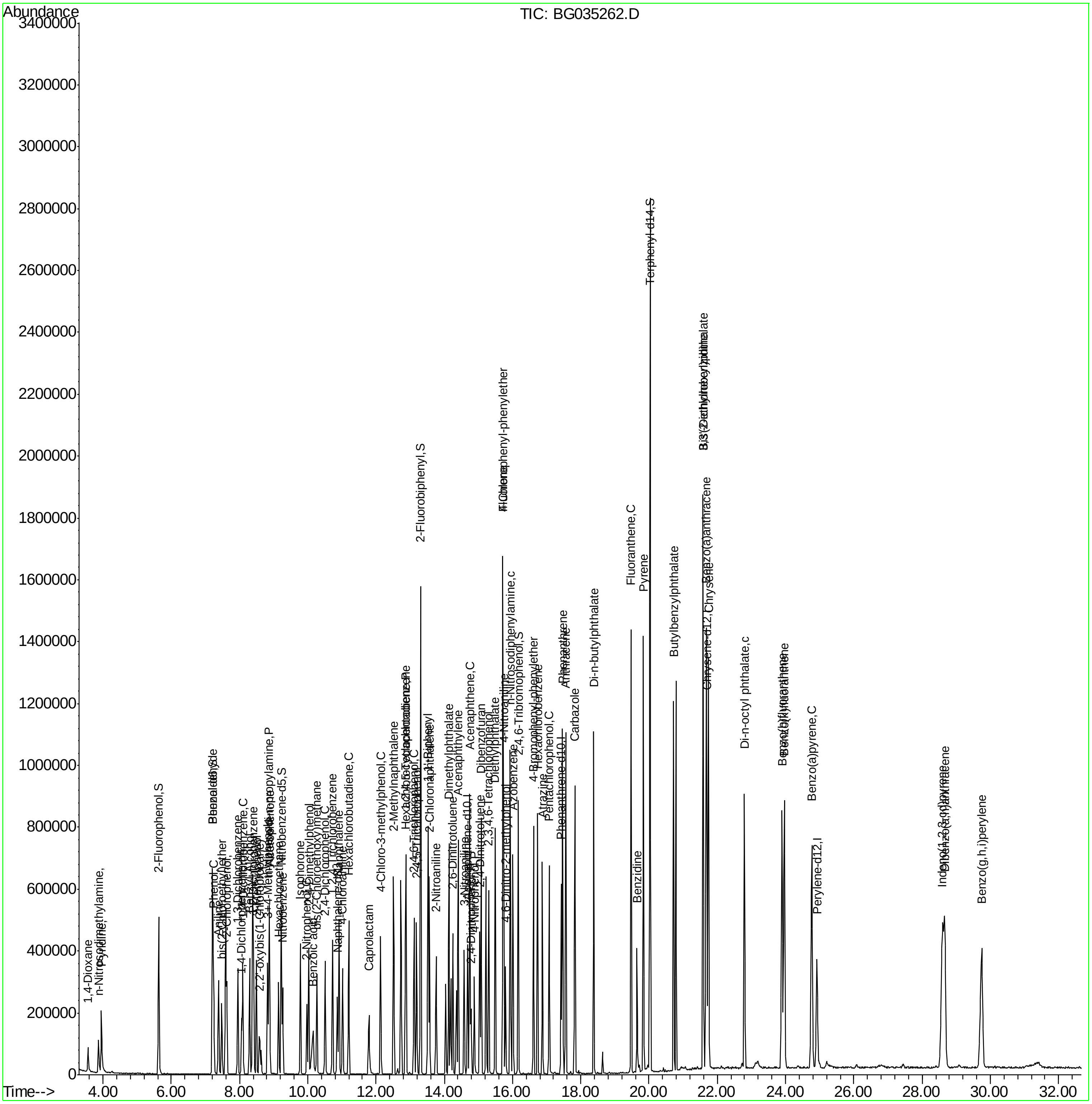
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062018\

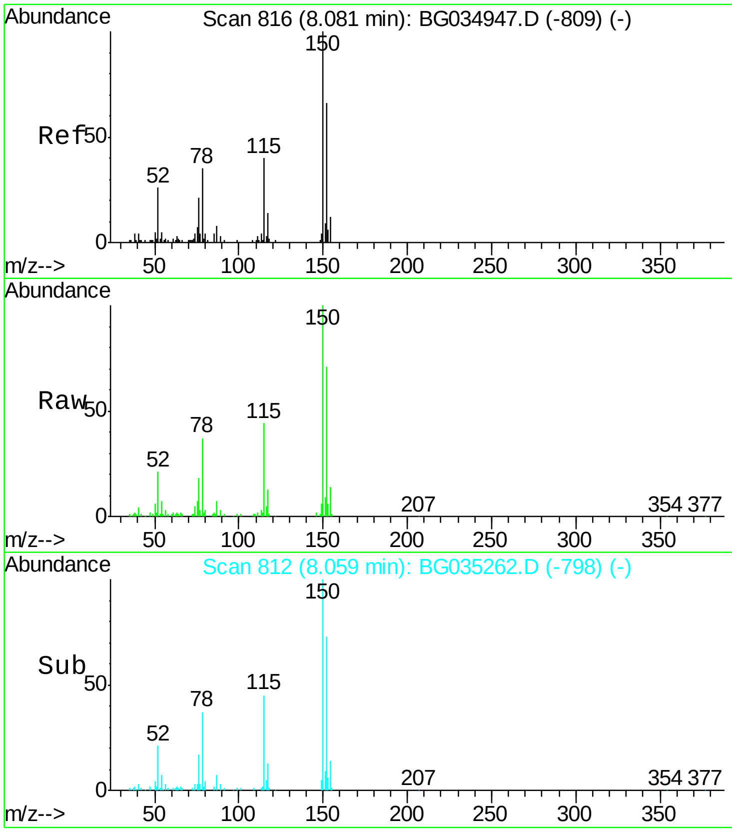
Quantitation Report (QT Reviewed)

Data File : BG035262.D
Acq On : 20 Jun 2018 11:43
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jun 20 13:09:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration



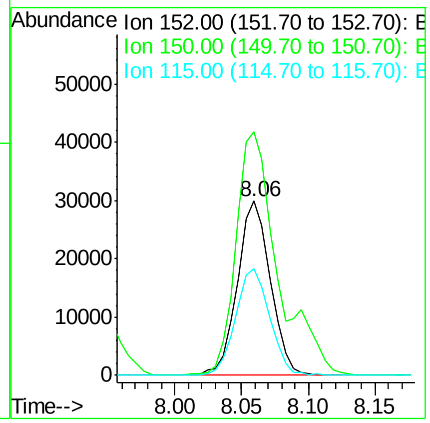


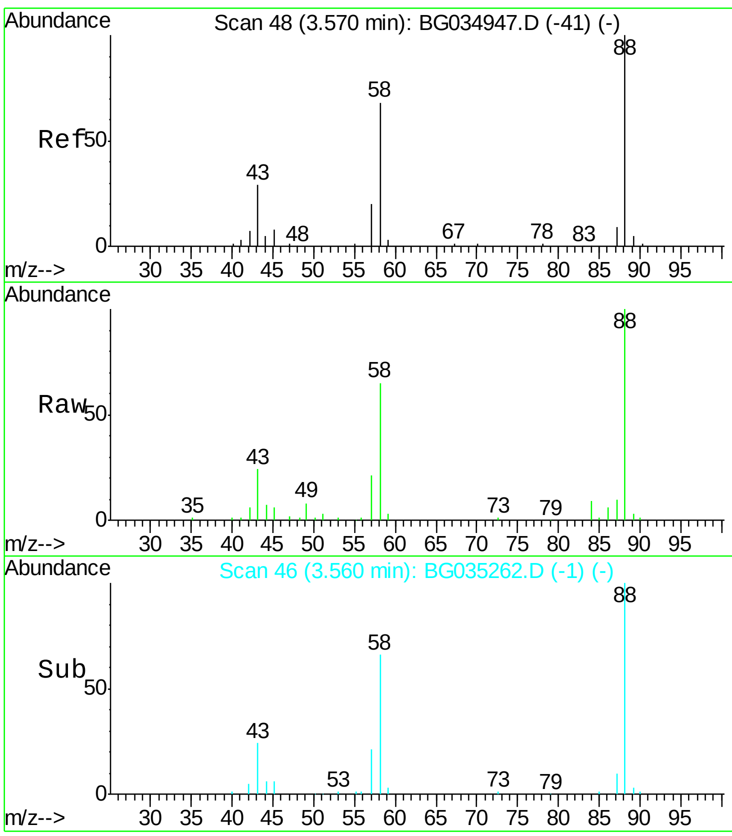
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min   Scan# 812
Delta R.T.   -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 51045

Ion	Ratio	Lower	Upper
152	100		
150	140.0	126.6	189.8
115	61.5	53.0	79.4

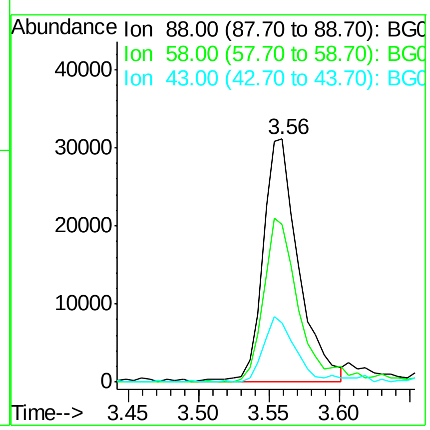




#2
1,4-Dioxane
Concen: 38.157 ng
RT: 3.56 min   Scan# 46
Delta R.T.   -0.00 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Tgt Ion: 88 Resp: 55066

Ion	Ratio	Lower	Upper
88	100		
58	67.1	79.6	119.4#
43	23.6	27.4	41.0#

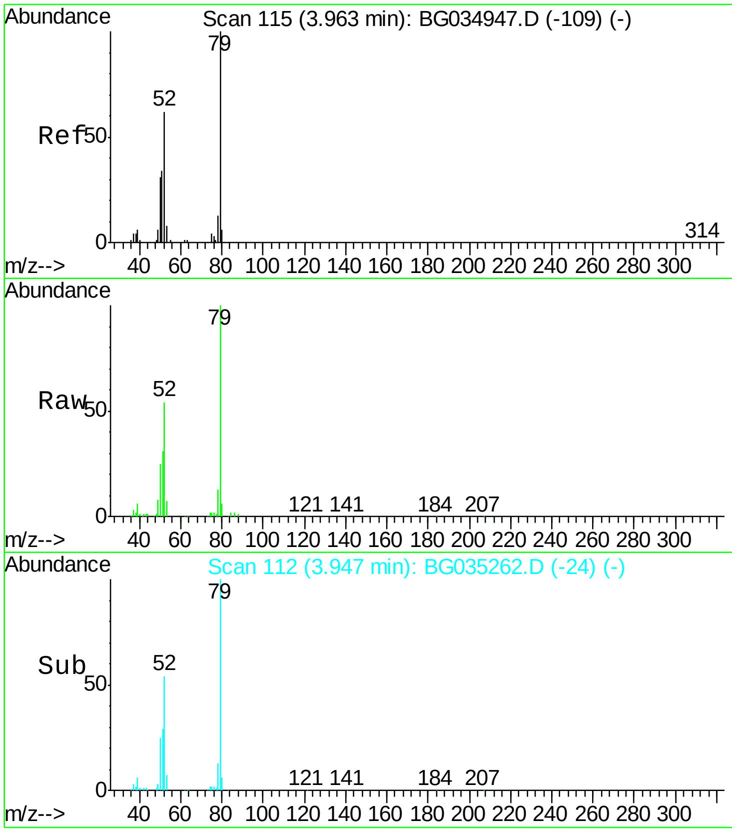


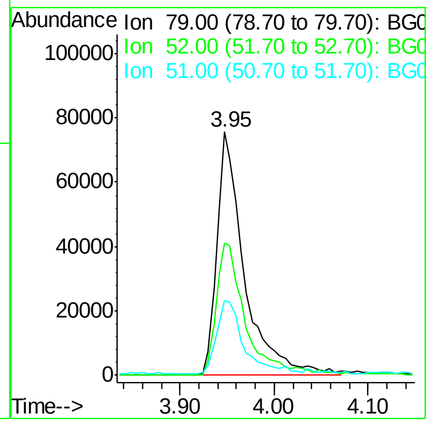
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

#3
Pyridine
Concen: 39.862 ng
RT: 3.95 min Scan# 112
Delta R.T. -0.01 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion: 79 Resp: 155217

Ion	Ratio	Lower	Upper
79	100		
52	54.3	69.9	104.9#
51	30.8	34.0	51.0#

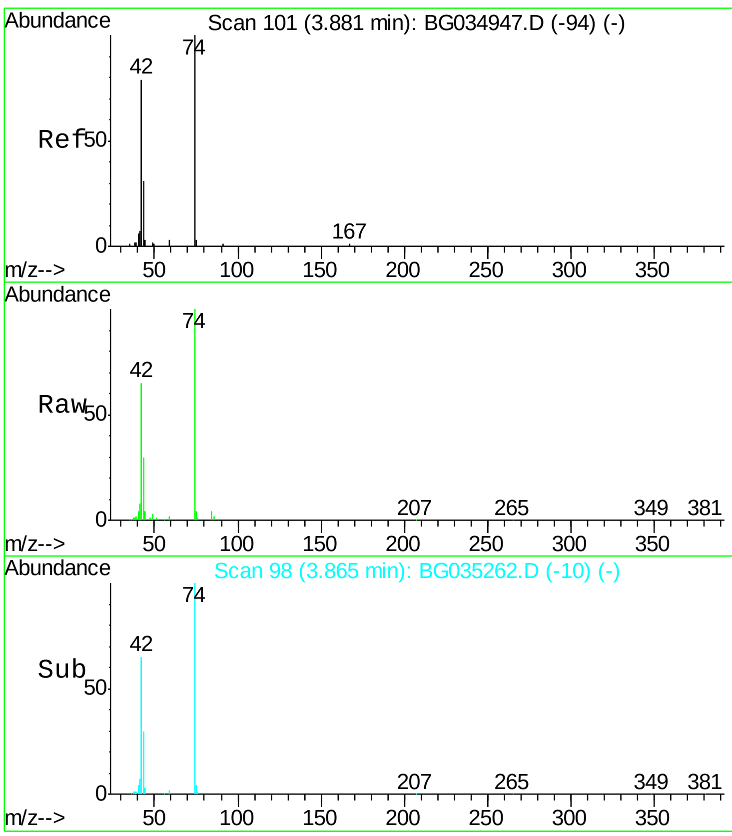


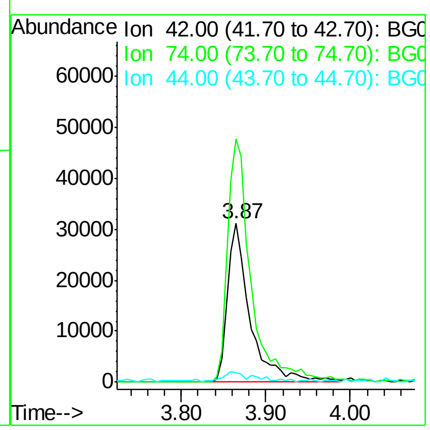


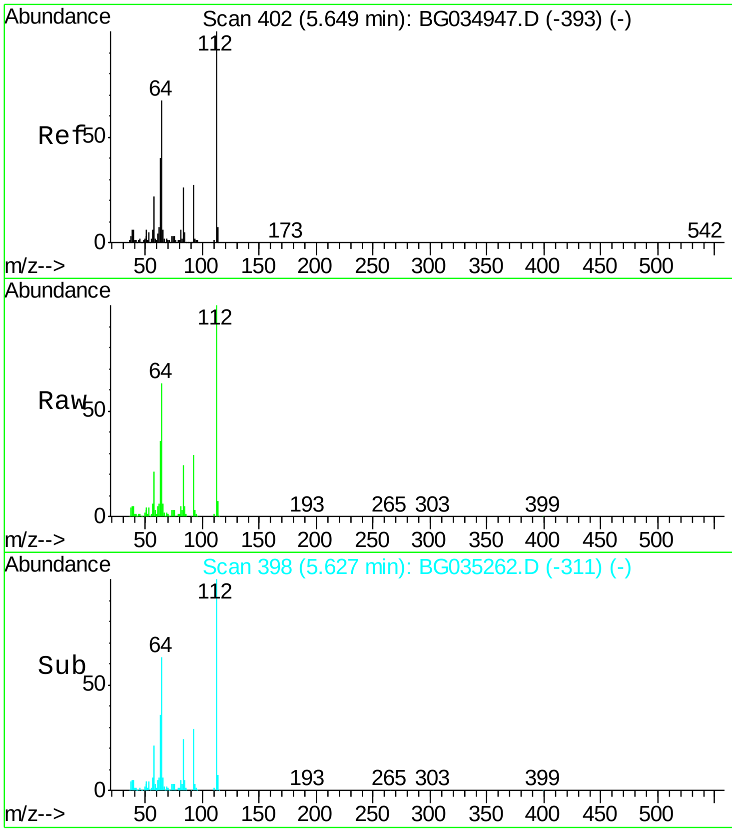
#4
n-Nitrosodimethylamine
Concen: 34.696 ng
RT: 3.87 min Scan# 98
Delta R.T. -0.01 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion: 42 Resp: 58040

Ion	Ratio	Lower	Upper
42	100		
74	153.5	102.5	153.7
44	5.9	18.9	28.3#





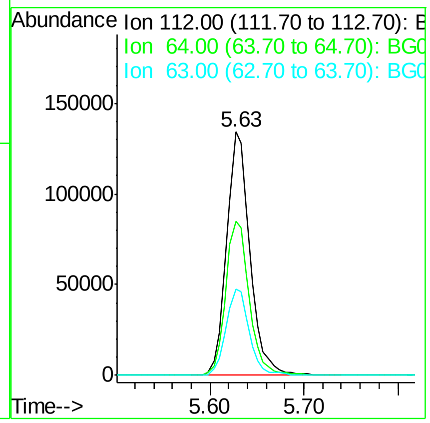


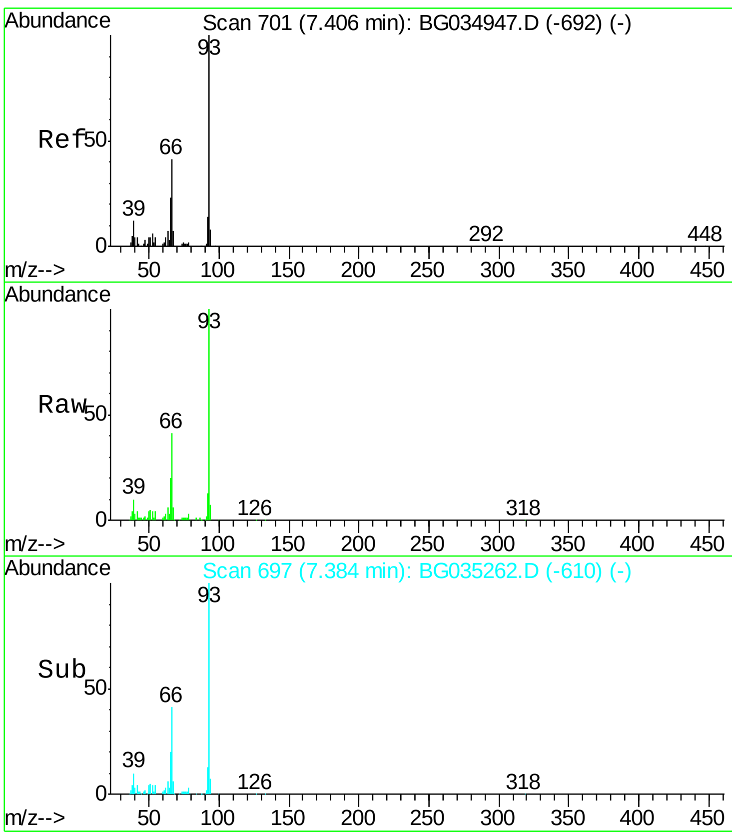
#5
2-Fluorophenol
Concen: 76.521 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Tgt Ion:112 Resp: 231454

Ion	Ratio	Lower	Upper
112	100		
64	63.4	56.3	84.5
63	35.6	30.1	45.1

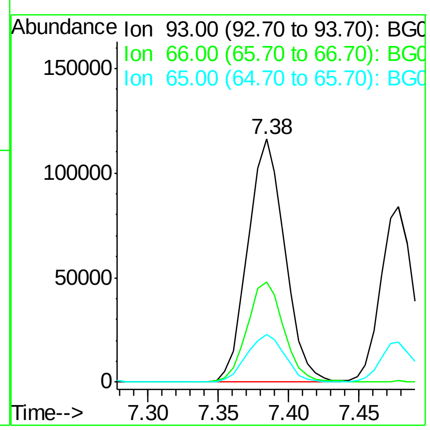


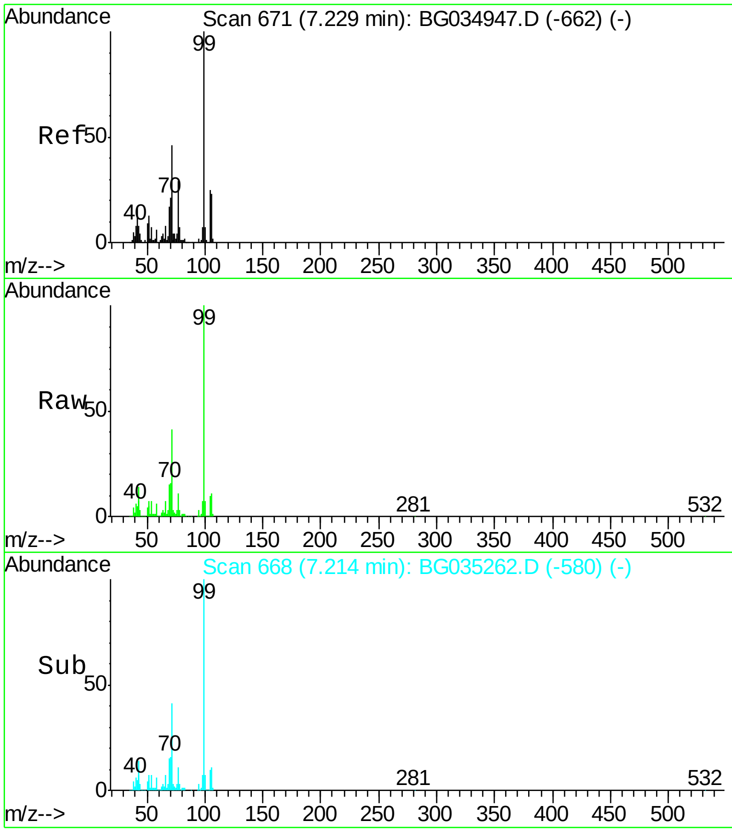


#6
Aniline
Concen: 37.202 ng
RT: 7.38 min Scan# 697
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion: 93 Resp: 214680

Ion	Ratio	Lower	Upper
93	100		
66	41.2	33.7	50.5
65	19.7	16.1	24.1



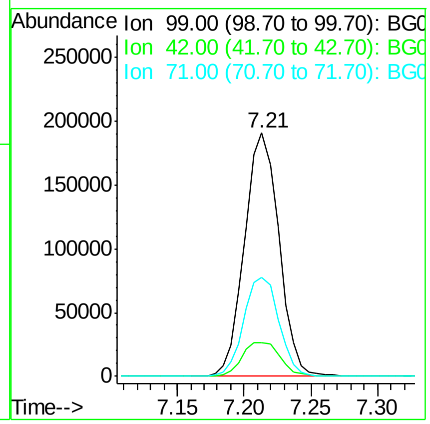


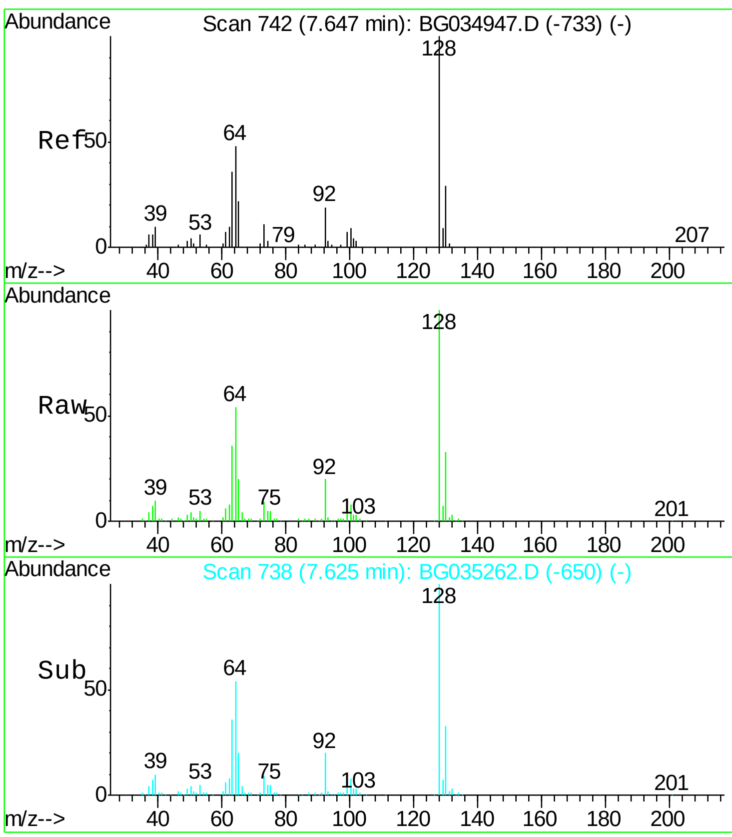
#7
Phenol-d6
Concen: 76.111 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 339779

Ion	Ratio	Lower	Upper
99	100		
42	14.1	14.1	21.1#
71	40.6	26.1	39.1#

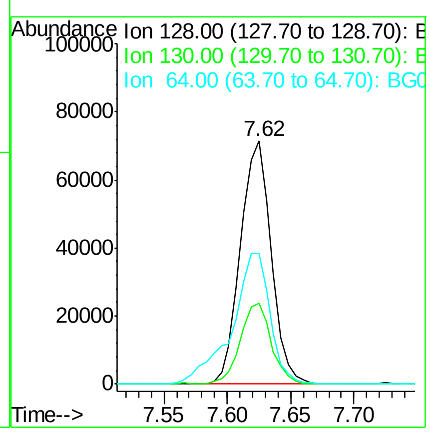


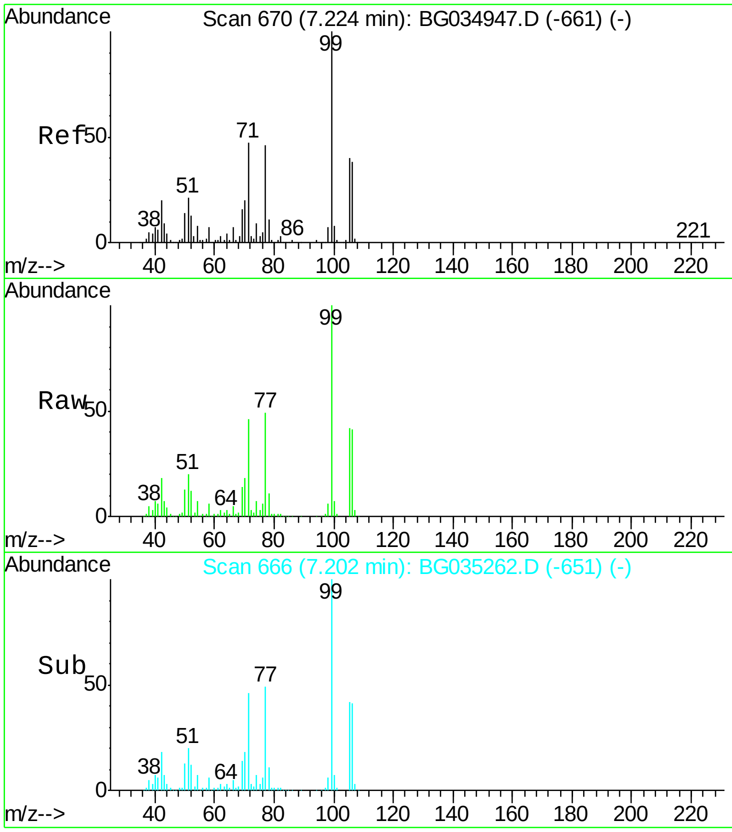


#8
2-Chlorophenol
Concen: 38.015 ng
RT: 7.62 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:128 Resp: 120528

Ion	Ratio	Lower	Upper
128	100		
130	33.4	14.0	54.0
64	53.9	37.7	77.7



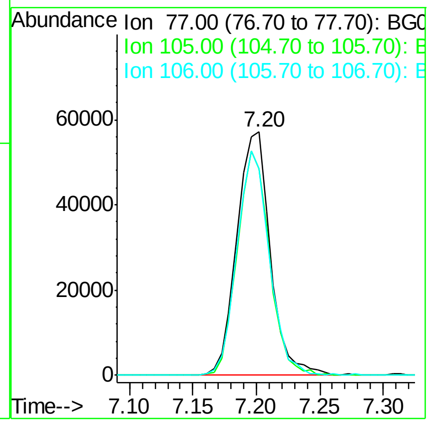


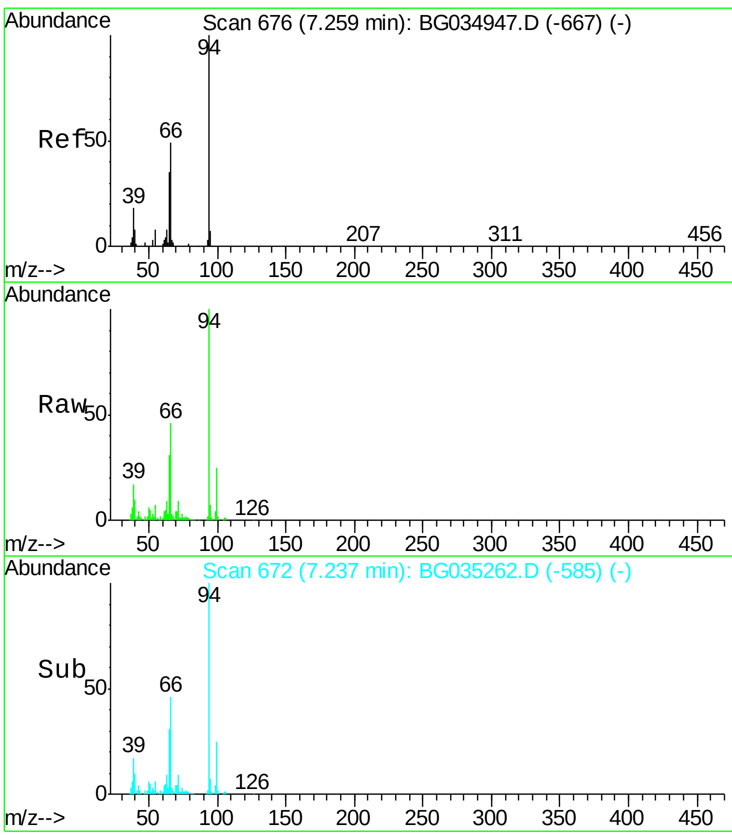
#9
Benzaldehyde
Concen: 30.371 ng
RT: 7.20 min Scan# 666
Delta R.T.   -0.01 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 104438

Ion	Ratio	Lower	Upper
77	100		
105	84.9	71.3	111.3
106	84.8	64.2	104.2

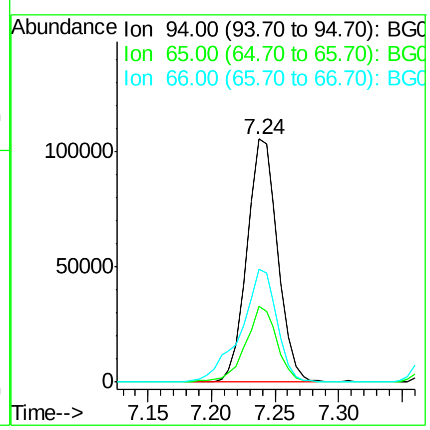


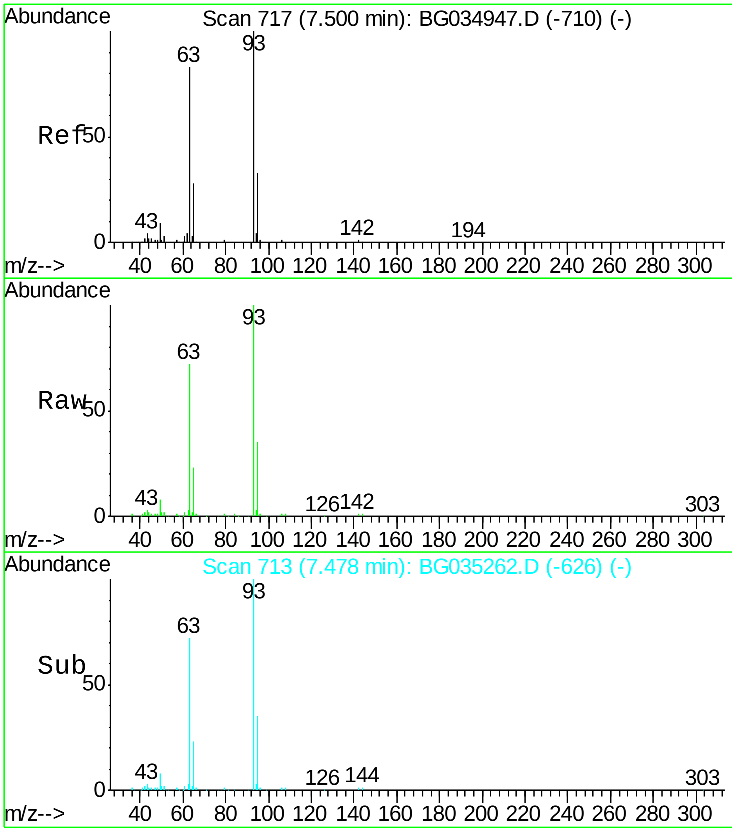


#10
Phenol
Concen: 38.647 ng
RT: 7.24 min Scan# 672
Delta R.T.   -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion: 94 Resp: 178550

Ion	Ratio	Lower	Upper
94	100		
65	31.4	11.9	51.9
66	46.3	22.2	62.2

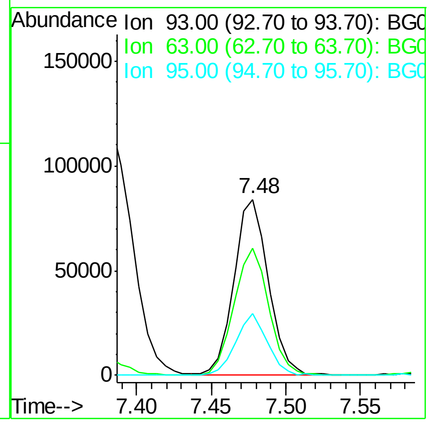




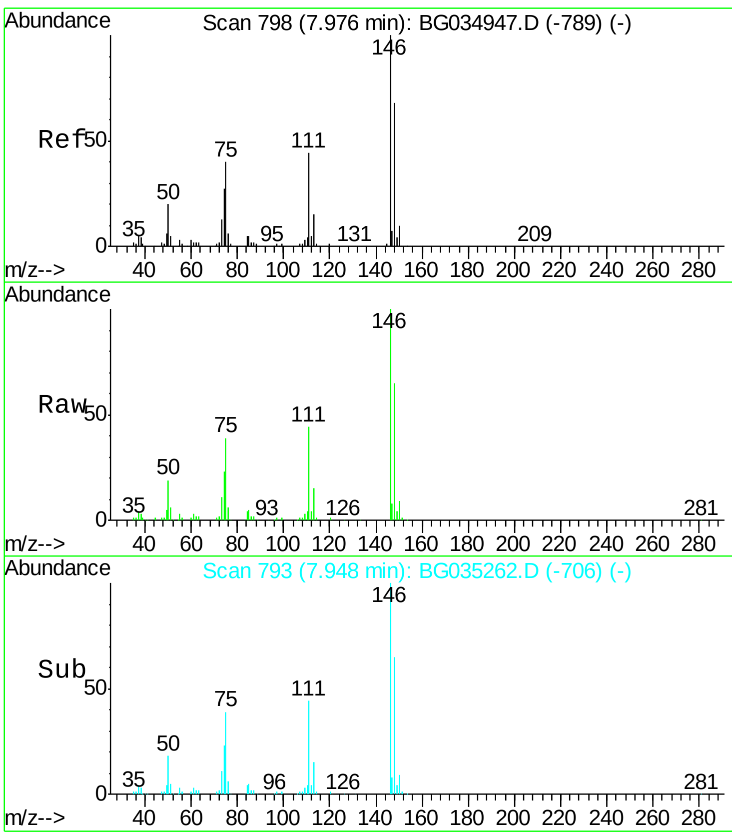
#11
bis(2-Chloroethyl)ether
Concen: 38.018 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion: 93 Resp: 136329

Ion	Ratio	Lower	Upper
93	100		
63	72.1	67.1	107.1
95	35.2	11.5	51.5



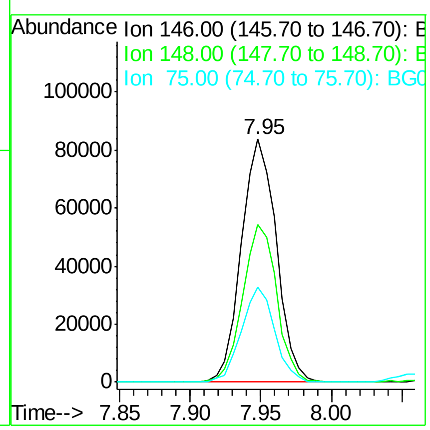
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

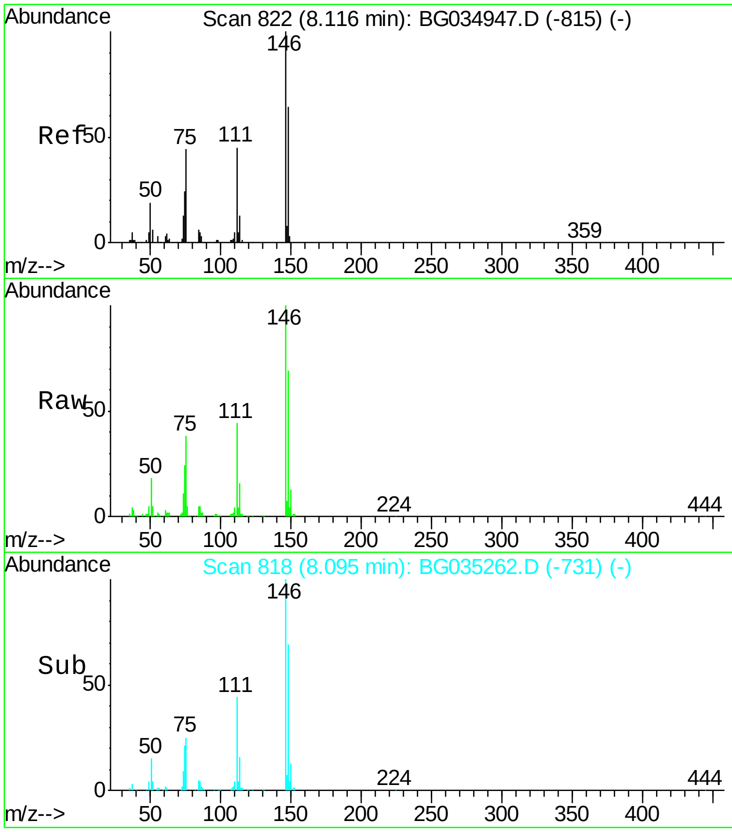


#12
1,3-Dichlorobenzene
Concen: 38.448 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:146 Resp: 145444

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
75	39.2	26.6	39.8



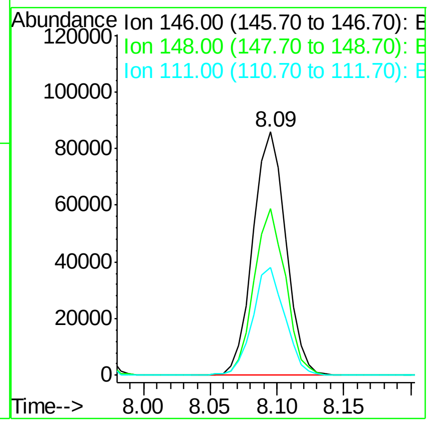


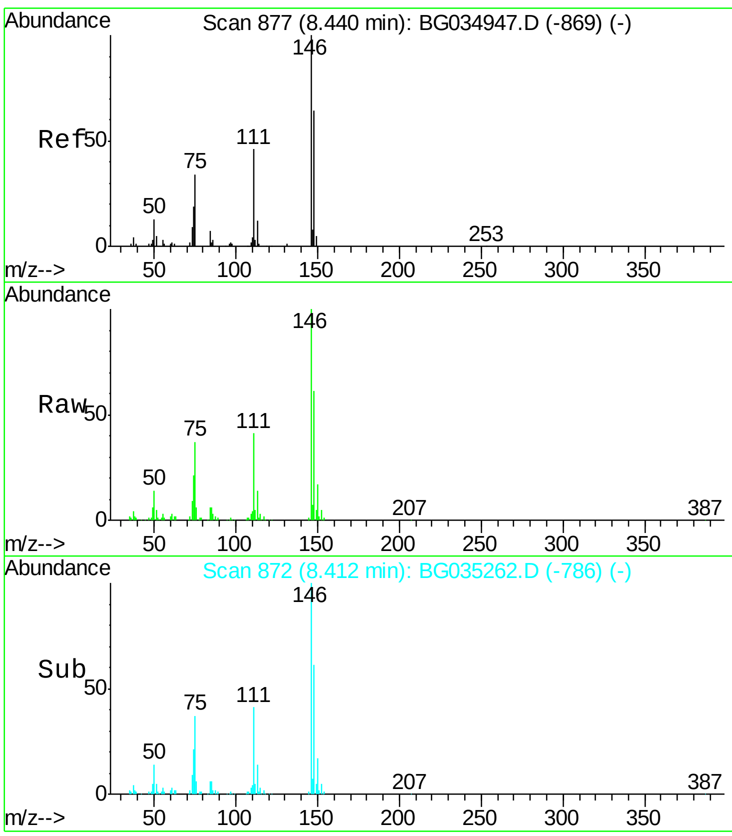
#13
1,4-Dichlorobenzene
Concen: 37.381 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 145977

Ion	Ratio	Lower	Upper
146	100		
148	68.7	53.7	80.5
111	44.2	35.2	52.8

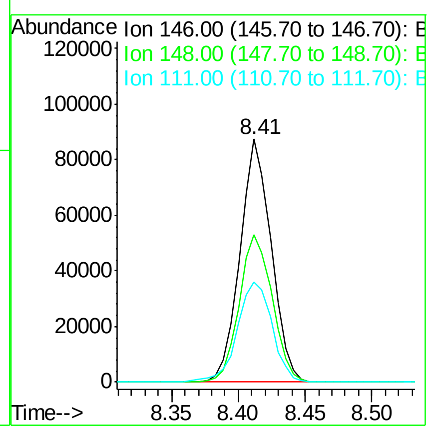


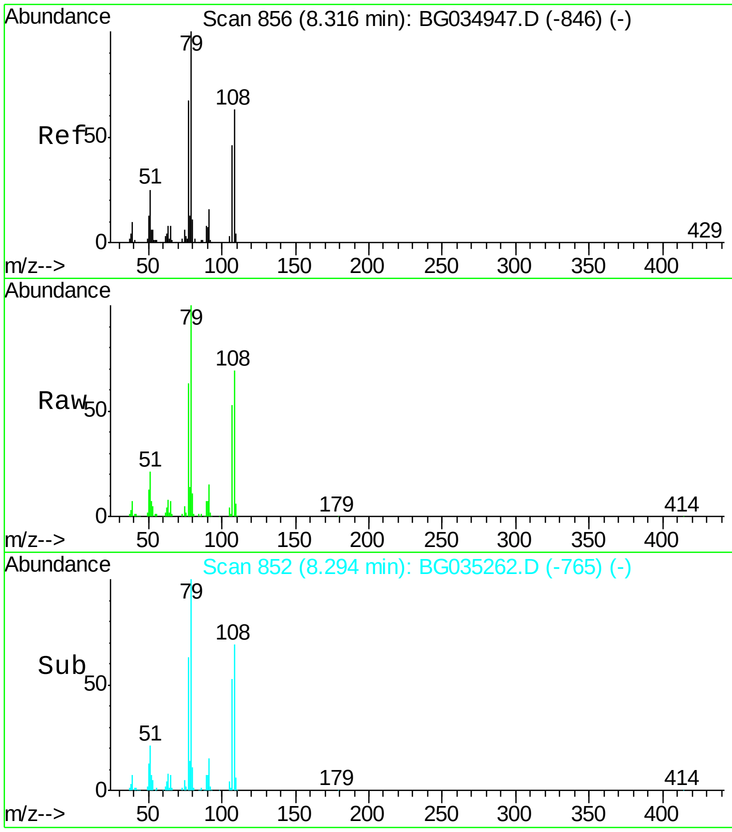


#14
1,2-Dichlorobenzene
Concen: 38.591 ng
RT: 8.41 min Scan# 872
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:146 Resp: 141556

Ion	Ratio	Lower	Upper
146	100		
148	60.6	49.3	73.9
111	41.0	34.3	51.5



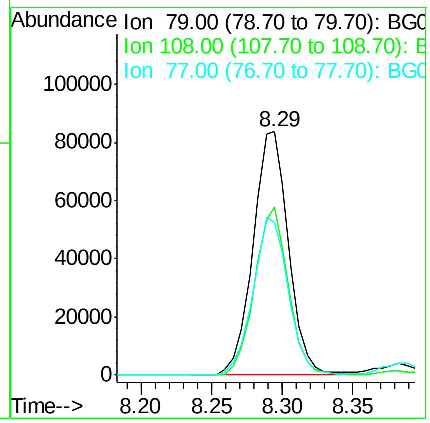


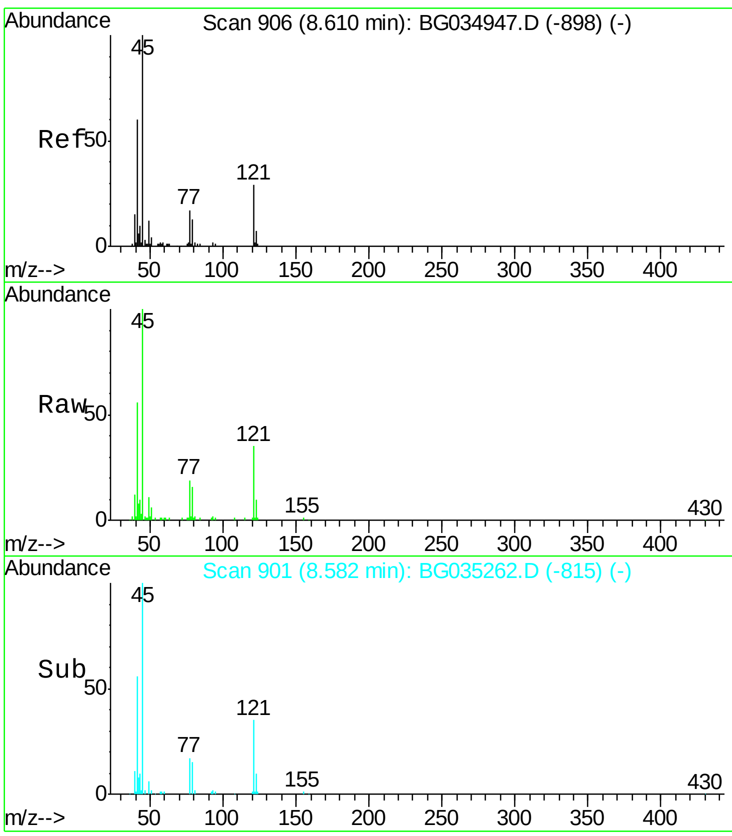
#15
Benzyl Alcohol
Concen: 34.785 ng
RT: 8.29 min Scan# 852
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 147143

Ion	Ratio	Lower	Upper
79	100		
108	69.0	57.2	85.8
77	63.0	46.1	69.1

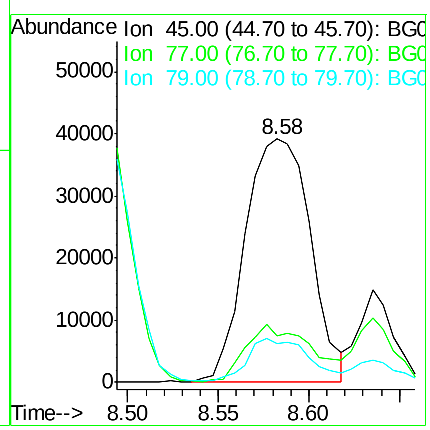


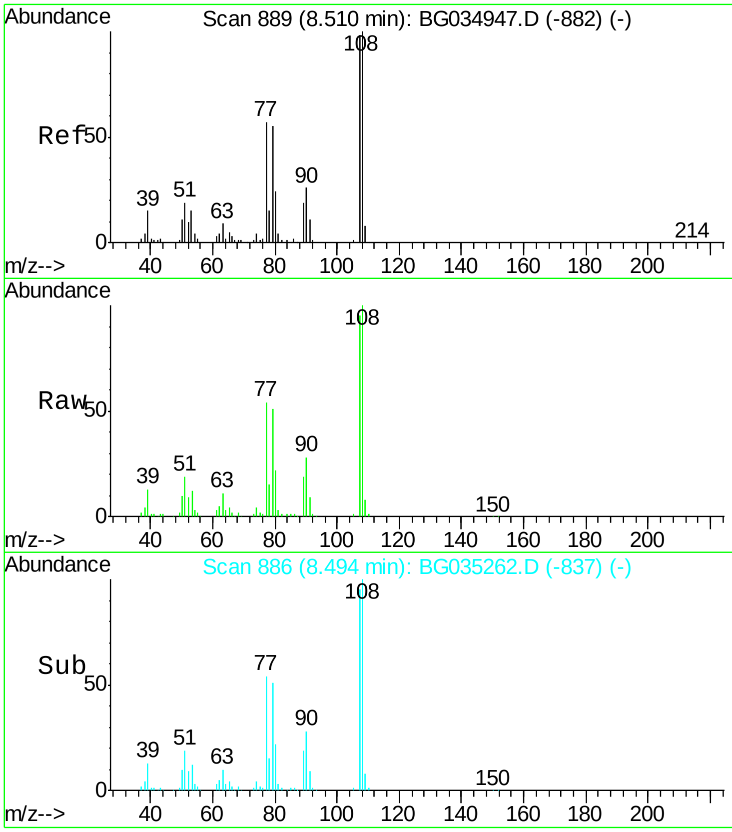


#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.425 ng
RT: 8.58 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion: 45 Resp: 97882

Ion	Ratio	Lower	Upper
45	100		
77	19.3	0.0	30.2
79	16.0	0.0	27.9



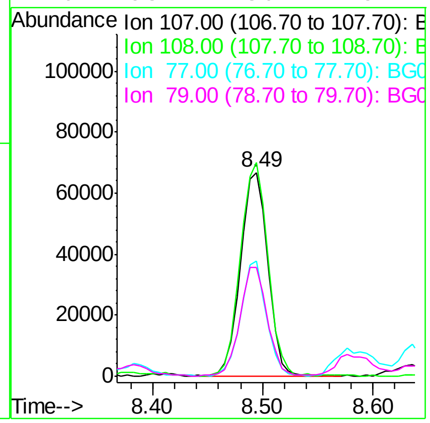


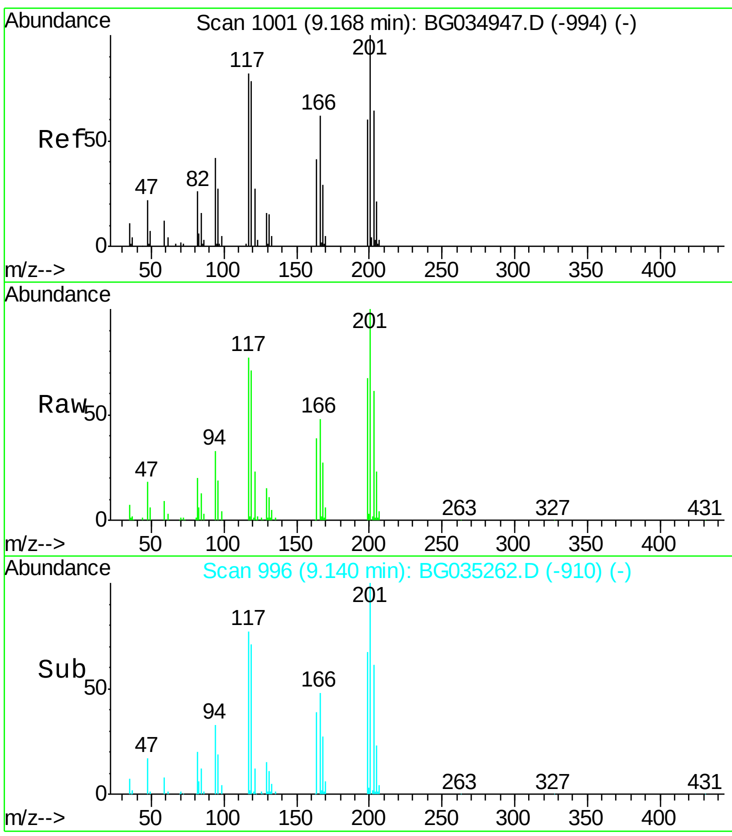
#17
2-Methylphenol
Concen: 38.570 ng
RT: 8.49 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 117482

Ion	Ratio	Lower	Upper
107	100		
108	104.9	83.9	125.9
77	56.5	37.2	55.8#
79	53.7	36.2	54.2

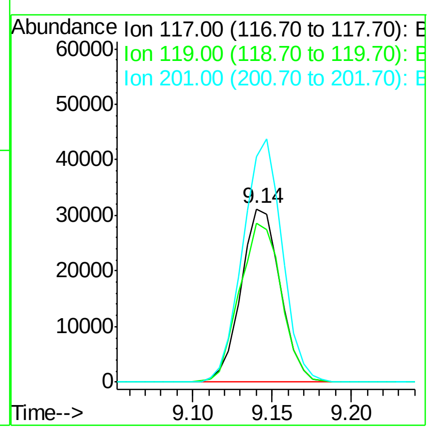


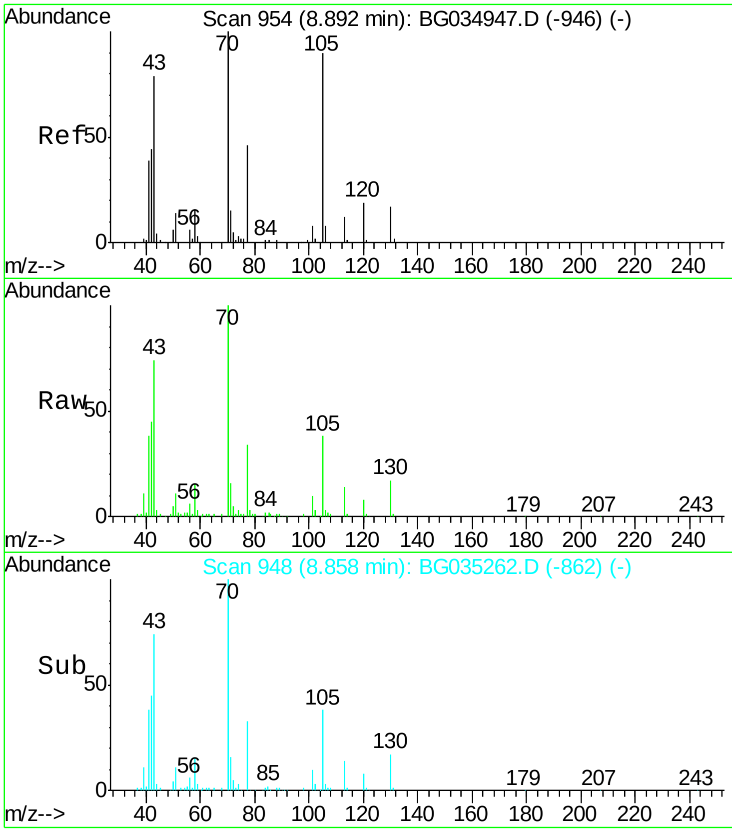


#18
Hexachloroethane
Concen: 38.418 ng
RT: 9.14 min Scan# 996
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:117 Resp: 53710

Ion	Ratio	Lower	Upper
117	100		
119	91.9	76.7	115.1
201	130.0	95.7	143.5



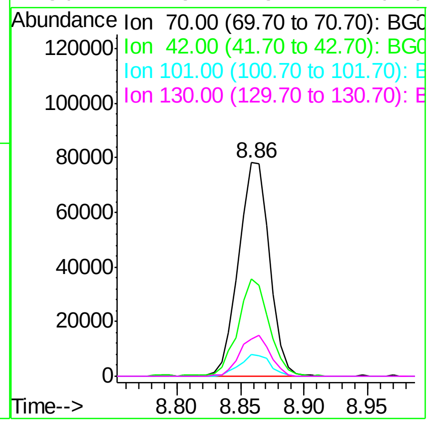


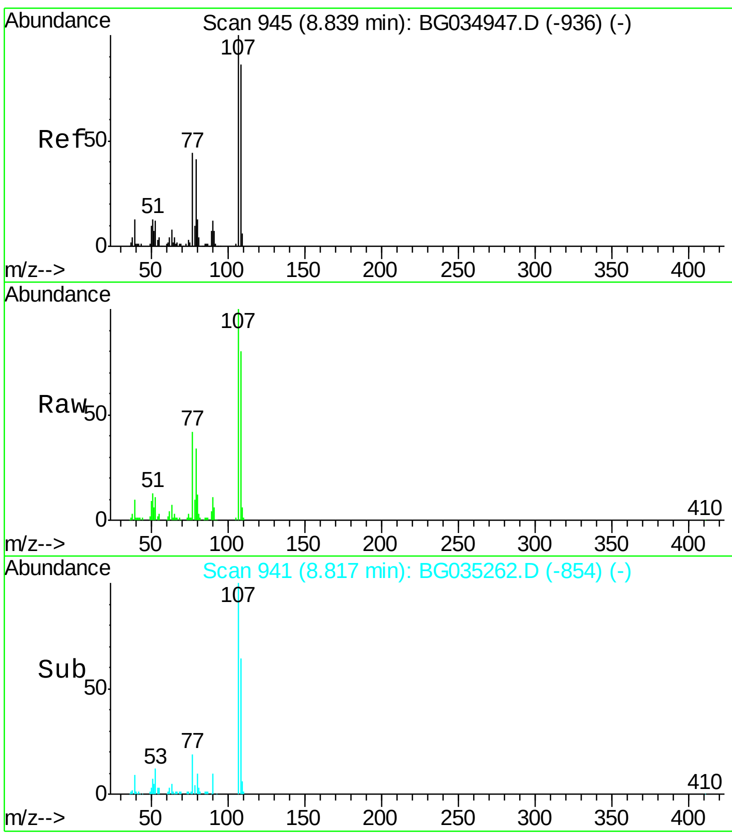
#19
n-Nitroso-di-n-propylamine
Concen: 34.875 ng
RT: 8.86 min Scan# 948
Delta R.T.   -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 132271

Ion	Ratio	Lower	Upper
70	100		
42	45.3	49.1	73.7#
101	10.2	8.5	12.7
130	17.3	13.4	20.0

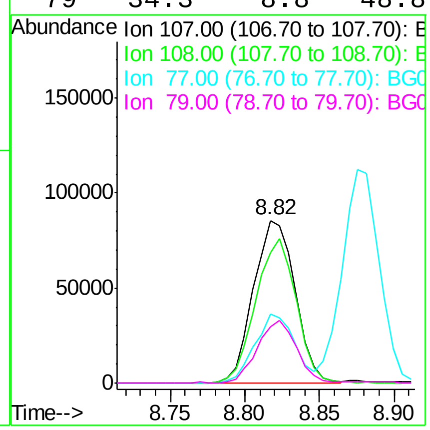




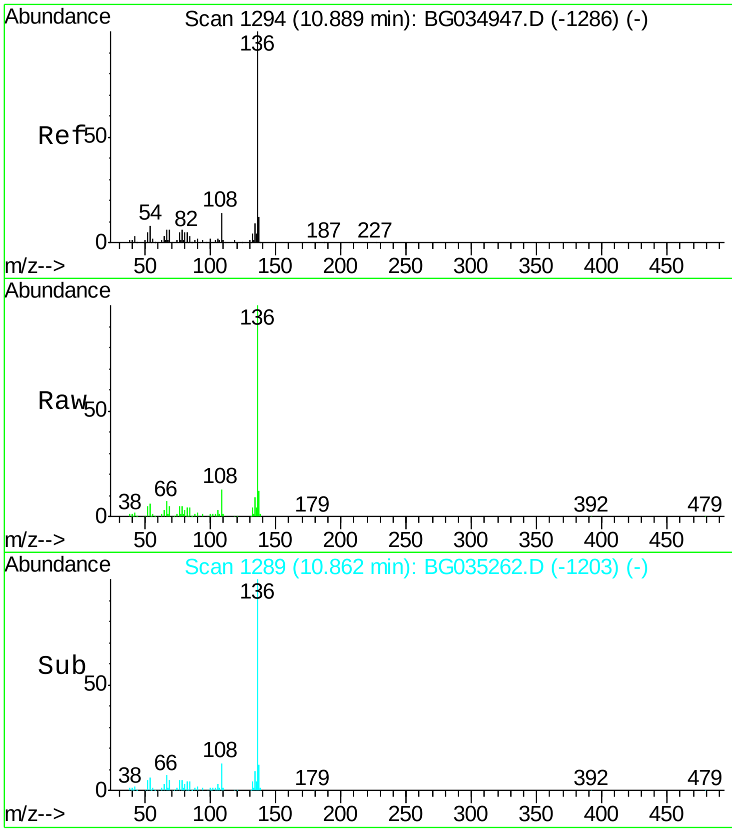
#20
3+4-Methylphenols
Concen: 37.701 ng
RT: 8.82 min Scan# 941
Delta R.T.   -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:107 Resp: 164601

Ion	Ratio	Lower	Upper
107	100		
108	80.3	61.6	101.6
77	42.4	13.9	53.9
79	34.3	8.8	48.8



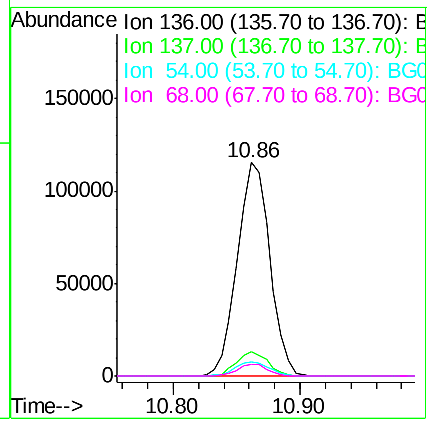
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

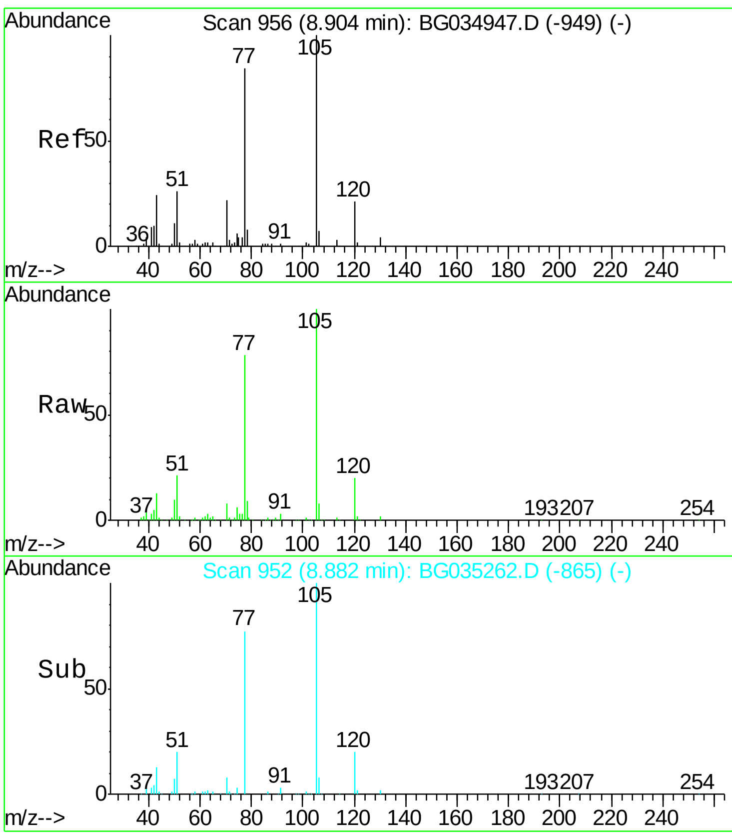


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:136 Resp: 204868

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	6.4	10.3	15.5#
68	5.3	4.5	6.7

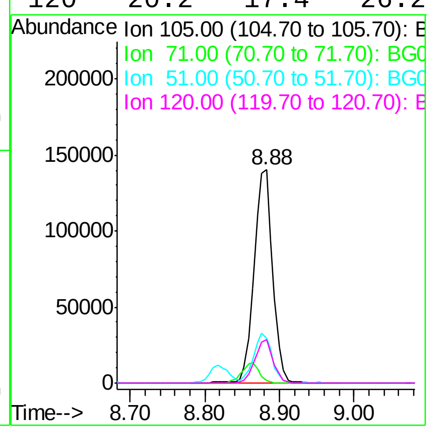


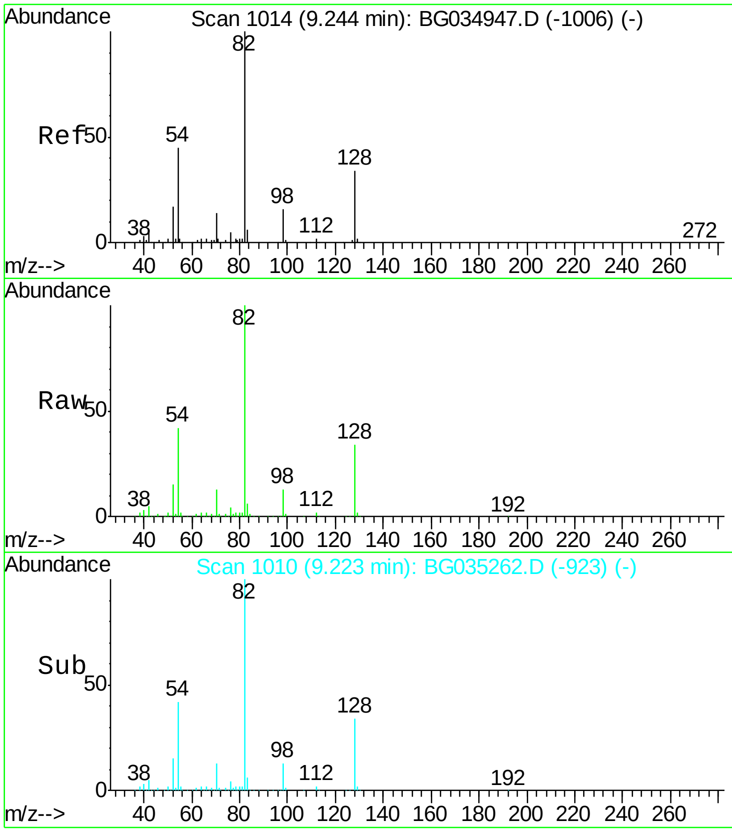


#22
Acetophenone
Concen: 38.189 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:105 Resp: 242352

Ion	Ratio	Lower	Upper
105	100		
71	1.3	3.0	4.4#
51	20.9	26.1	39.1#
120	20.2	17.4	26.2



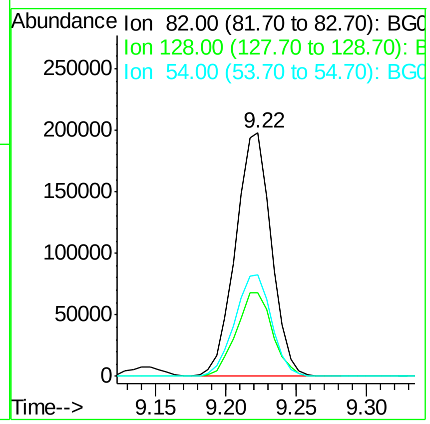


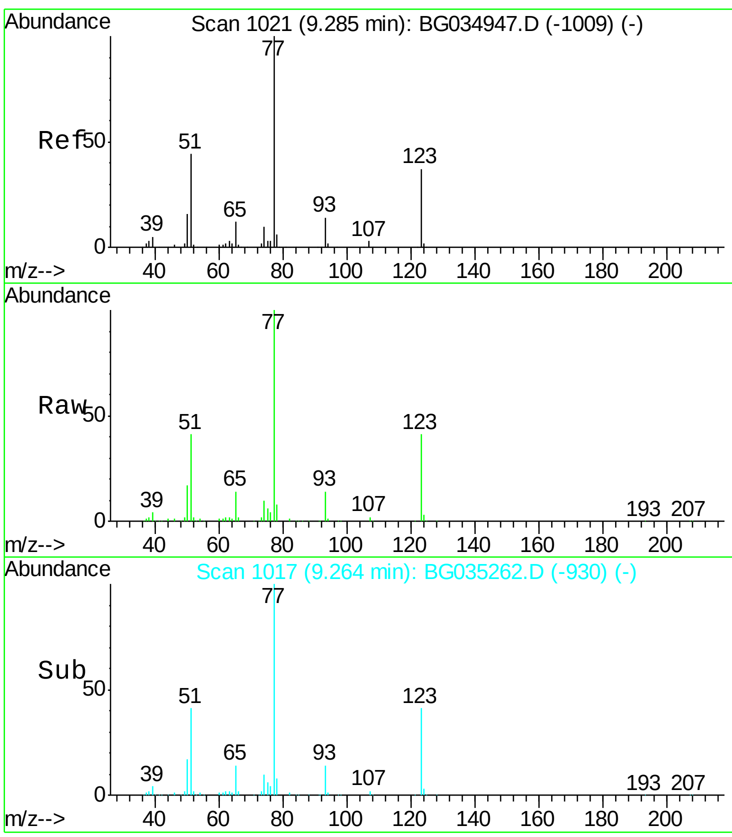
#23
Nitrobenzene-d5
Concen: 81.406 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Tgt Ion: 82 Resp: 350852

Ion	Ratio	Lower	Upper
82	100		
128	34.3	29.7	44.5
54	41.7	43.1	64.7#

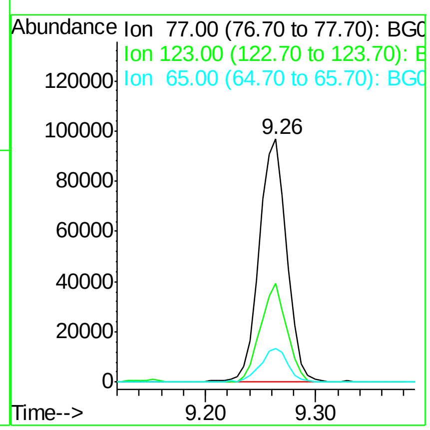


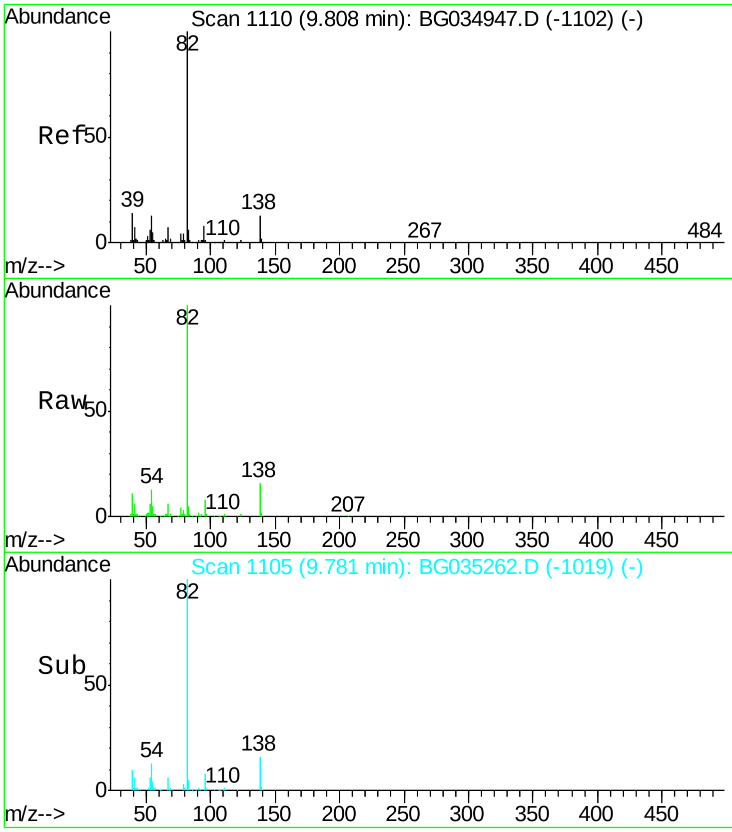


#24
Nitrobenzene
Concen: 38.706 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion: 77 Resp: 170824

Ion	Ratio	Lower	Upper
77	100		
123	40.6	33.0	49.6
65	14.0	13.0	19.6



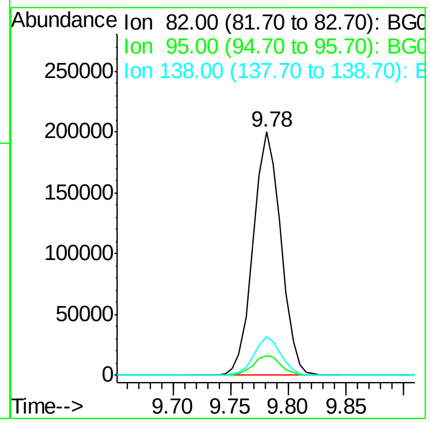


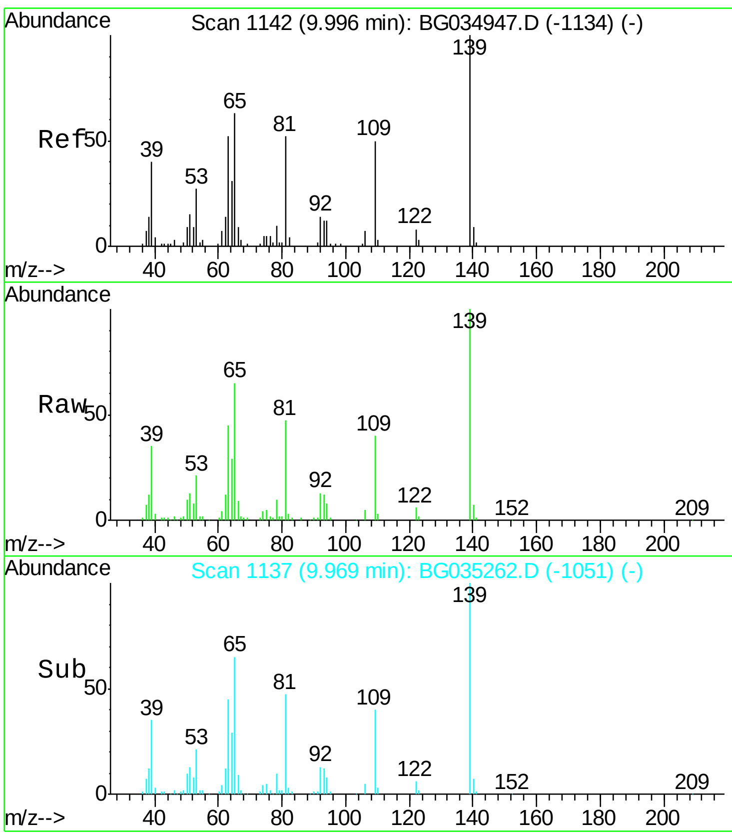
#25
Isophorone
Concen: 36.896 ng
RT: 9.78 min   Scan# 1105
Delta R.T.   -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 335737

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.2	9.2
138	16.0	12.1	18.1

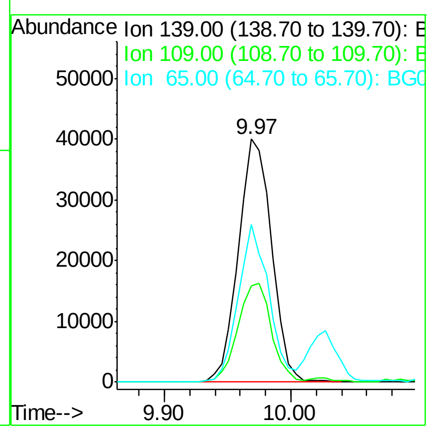


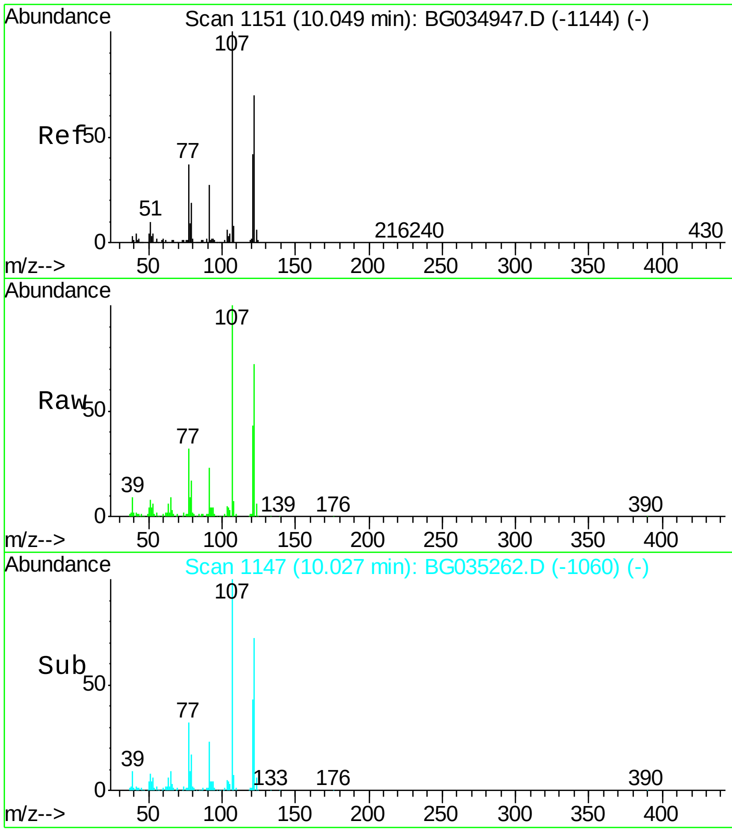


#26
2-Nitrophenol
Concen: 47.864 ng
RT: 9.97 min   Scan# 1137
Delta R.T.   -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Tgt Ion:139 Resp: 72813

Ion	Ratio	Lower	Upper
139	100		
109	39.8	24.2	36.2#
65	64.7	47.4	71.0



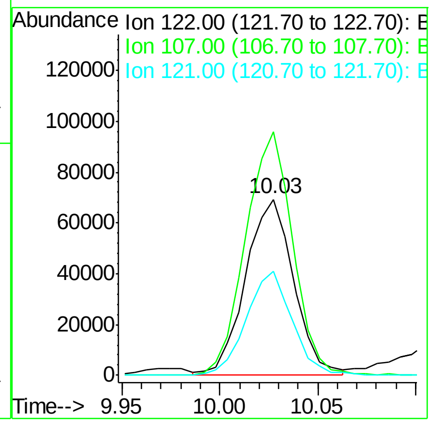


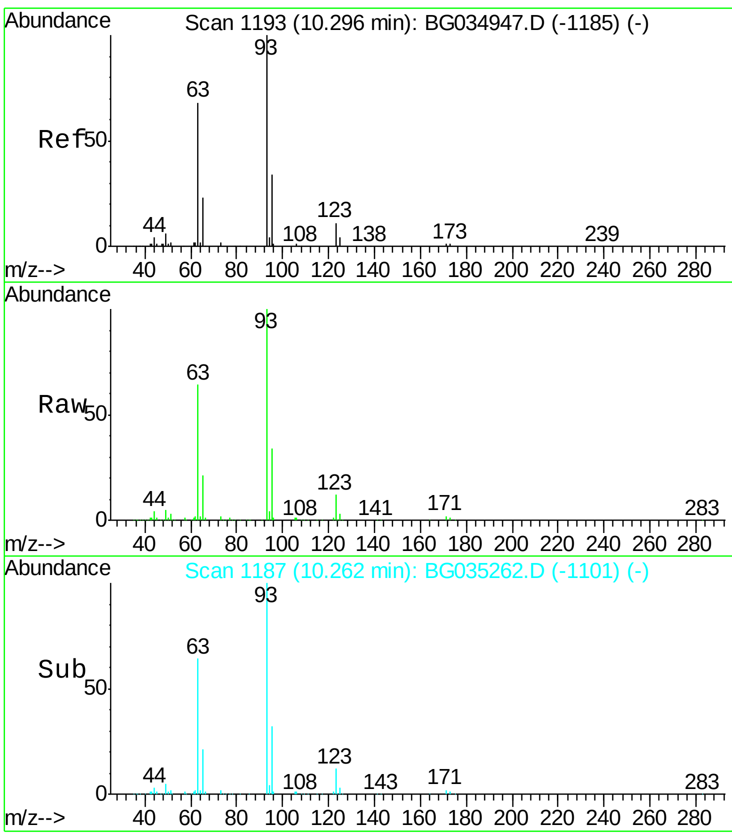
#27
2,4-Dimethylphenol
Concen: 36.727 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 117436

Ion	Ratio	Lower	Upper
122	100		
107	138.5	100.2	150.2
121	58.9	44.4	66.6

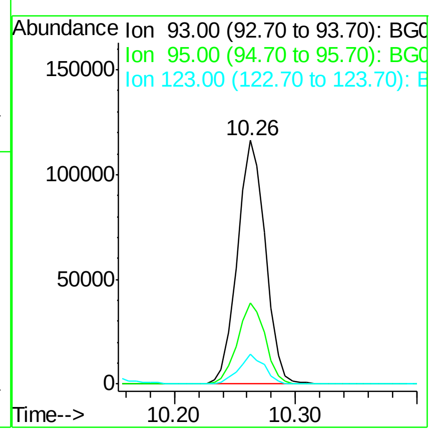


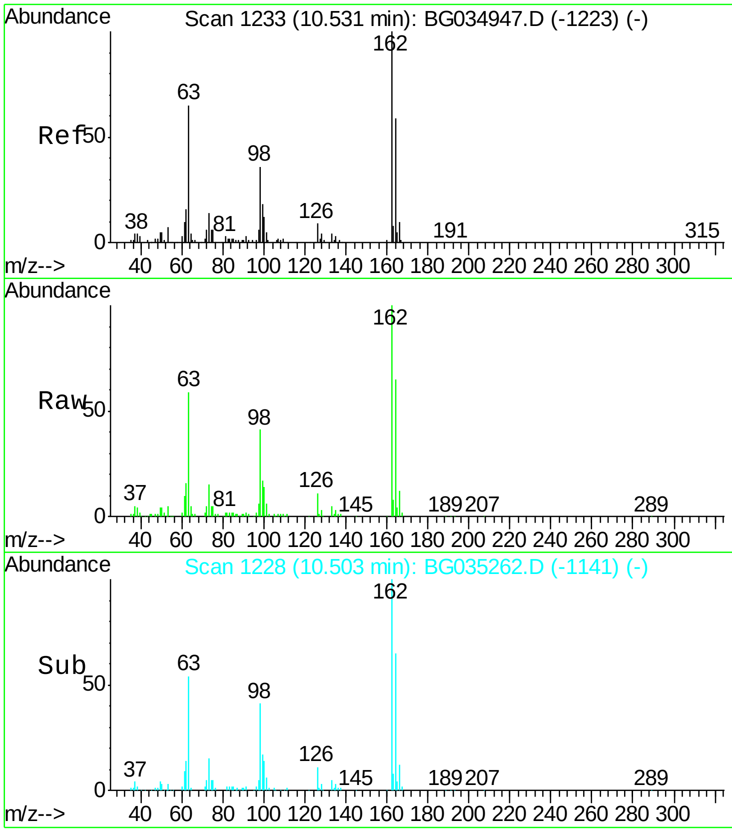


#28
bis(2-Chloroethoxy)methane
Concen: 38.346 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion: 93 Resp: 187509

Ion	Ratio	Lower	Upper
93	100		
95	33.5	24.3	36.5
123	12.0	8.4	12.6



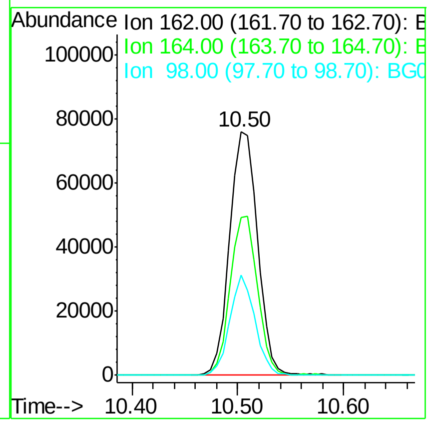


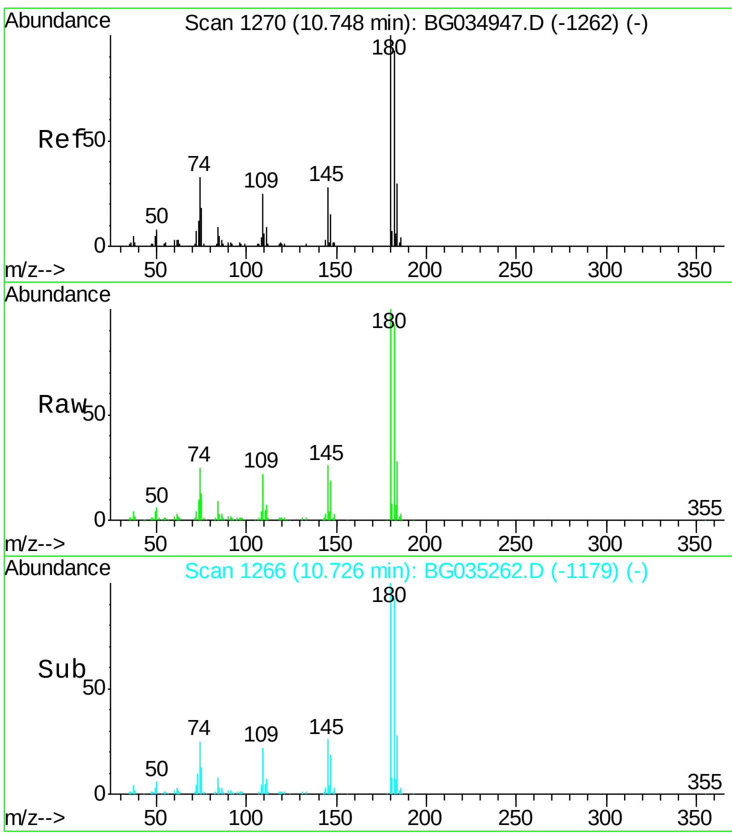
#29
2,4-Dichlorophenol
Concen: 40.045 ng
RT: 10.50 min Scan# 1228
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 139329

Ion	Ratio	Lower	Upper
162	100		
164	65.0	48.0	88.0
98	41.1	21.1	61.1

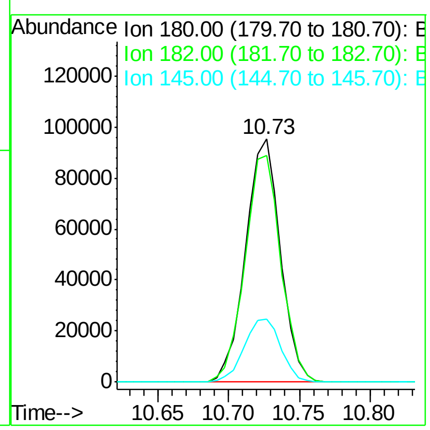


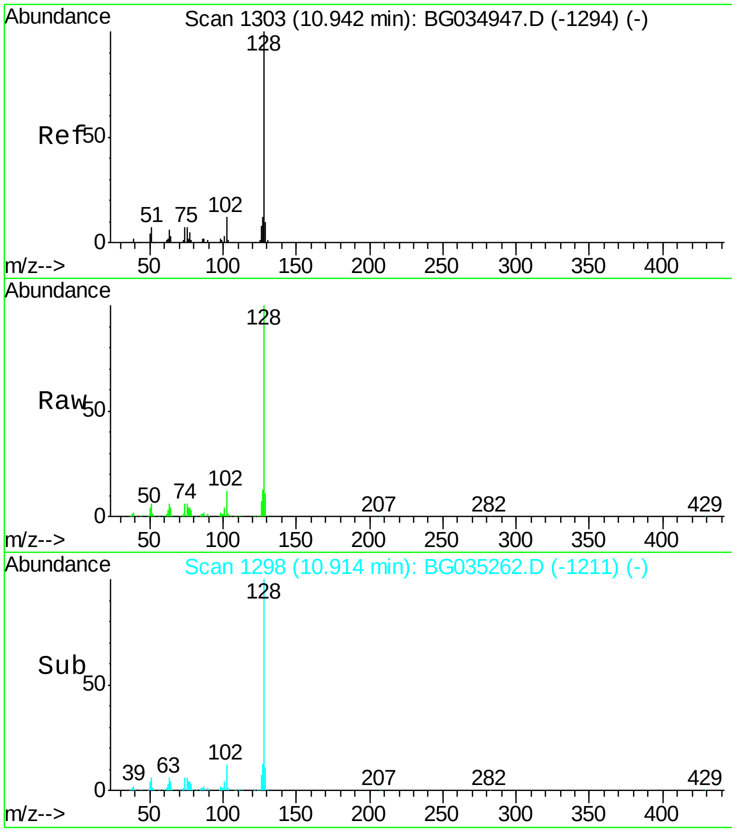


#30
1,2,4-Trichlorobenzene
Concen: 39.495 ng
RT: 10.73 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:180 Resp: 164771

Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.5	116.3
145	26.1	23.4	35.2



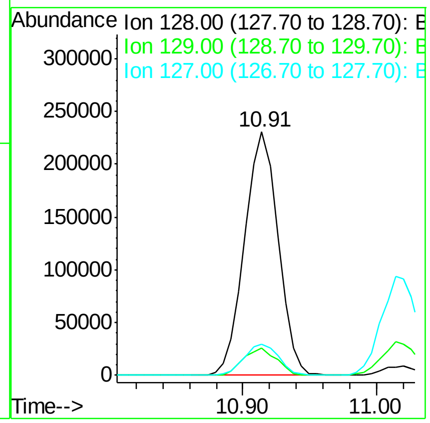


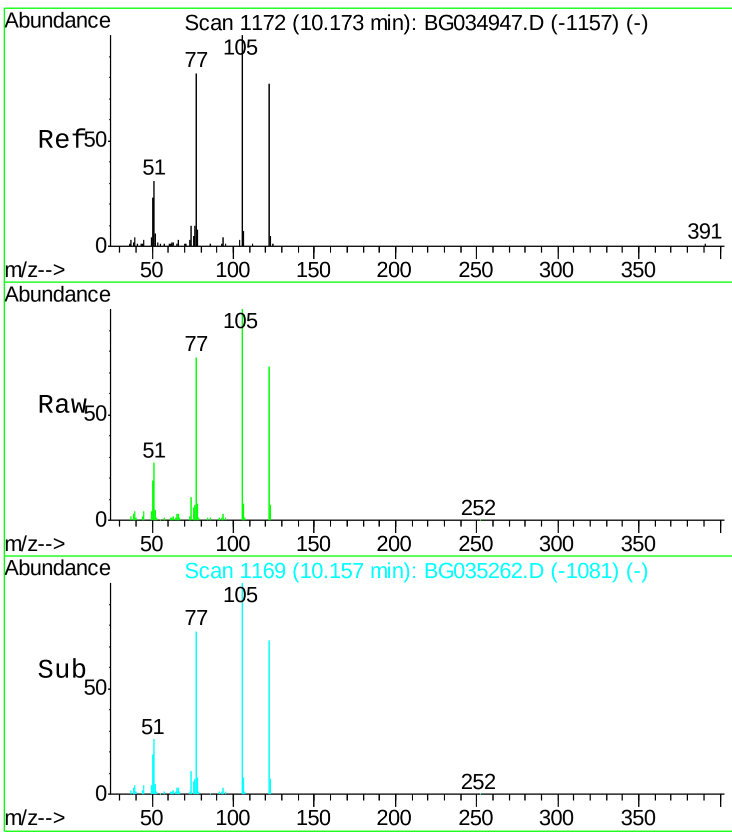
#31
Naphthalene
Concen: 37.691 ng
RT: 10.91 min   Scan# 1298
Delta R.T.   -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Tgt Ion:128 Resp: 401134

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	12.6	11.6	17.4

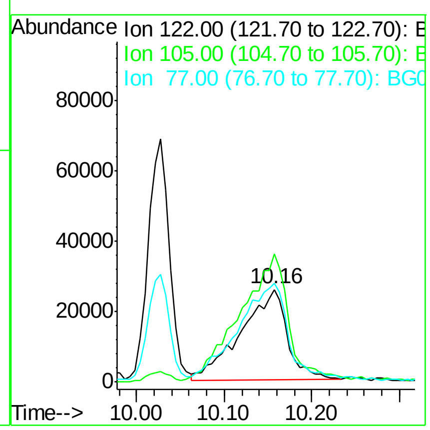


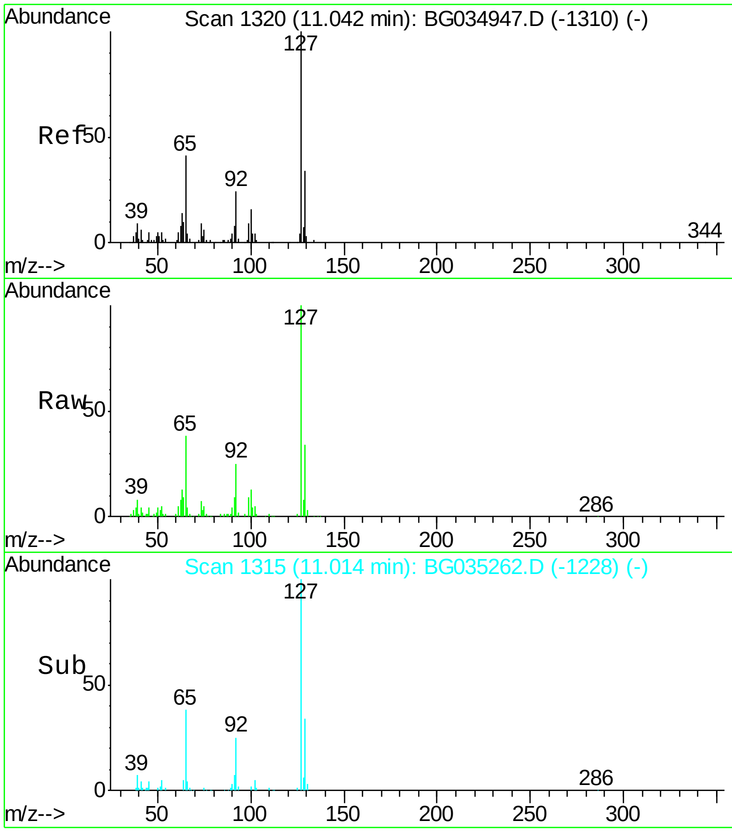


#32
Benzoic acid
Concen: 44.310 ng
RT: 10.16 min   Scan# 1169
Delta R.T.   -0.01 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Tgt Ion:122 Resp: 94901

Ion	Ratio	Lower	Upper
122	100		
105	137.9	123.5	163.5
77	106.5	85.7	125.7



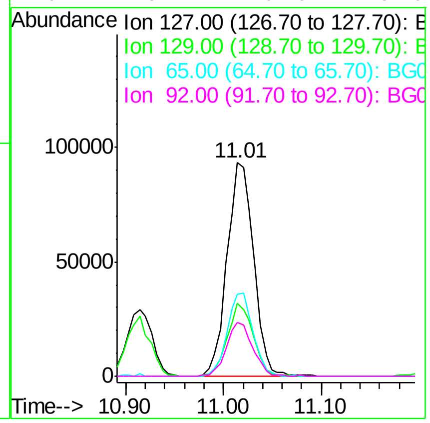


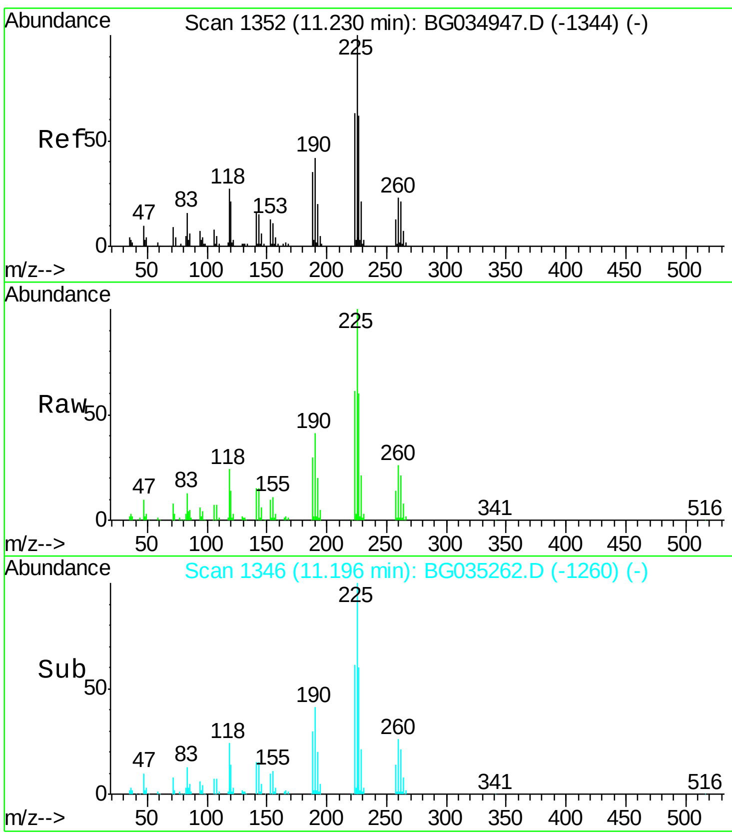
#33
4-Chloroaniline
Concen: 38.269 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 176847

Ion	Ratio	Lower	Upper
127	100		
129	34.1	24.0	36.0
65	38.2	27.0	40.4
92	25.4	16.6	25.0#

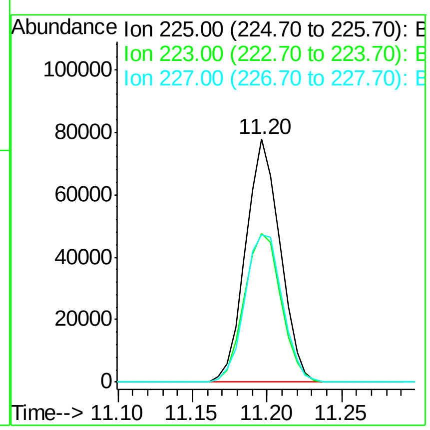


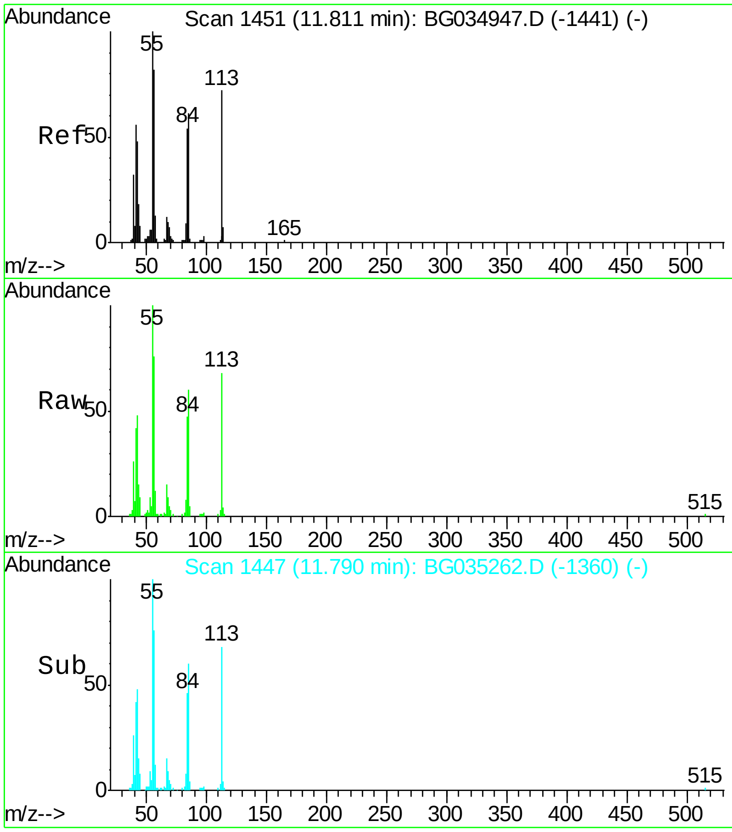


#34
Hexachlorobutadiene
Concen: 38.298 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:225 Resp: 124261

Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.7	74.5
227	60.5	48.1	72.1



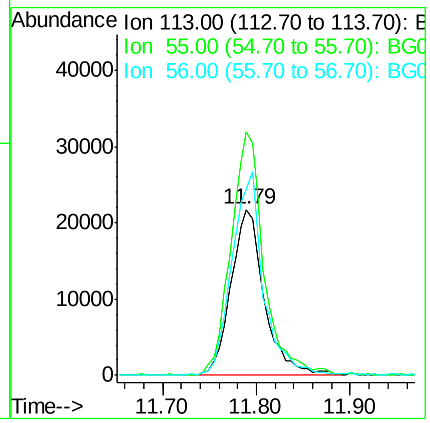


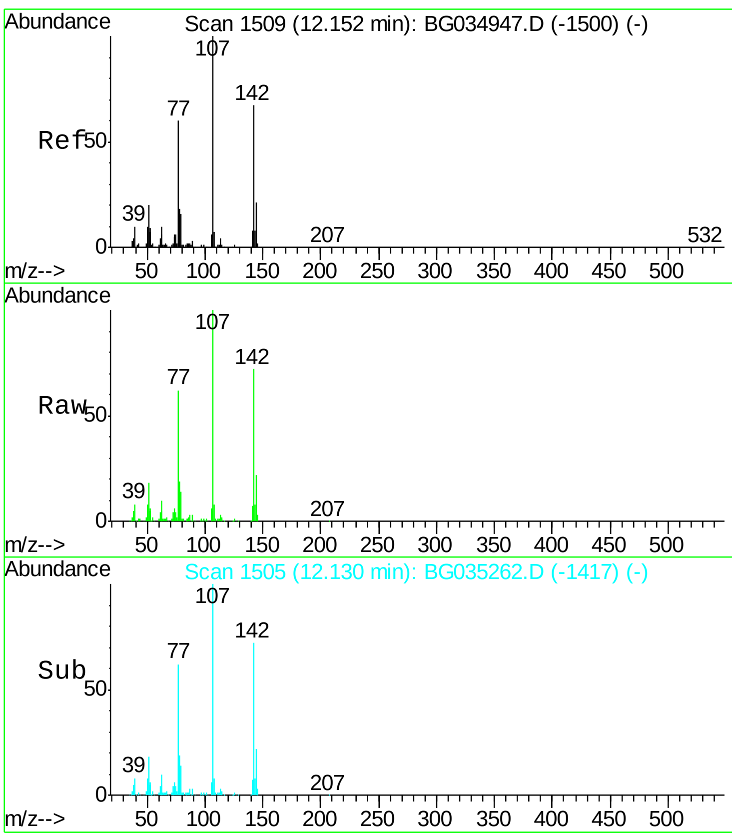
#35
Caprolactam
Concen: 41.649 ng
RT: 11.79 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 53554

Ion	Ratio	Lower	Upper
113	100		
55	146.8	186.9	226.9#
56	111.9	130.9	170.9#

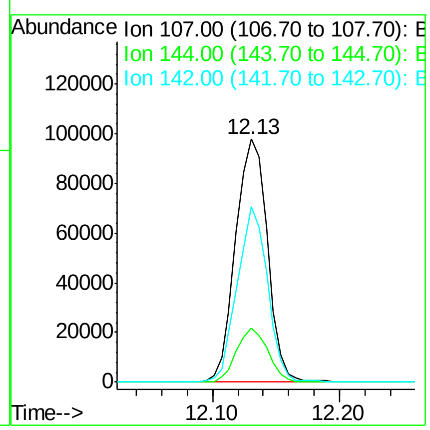


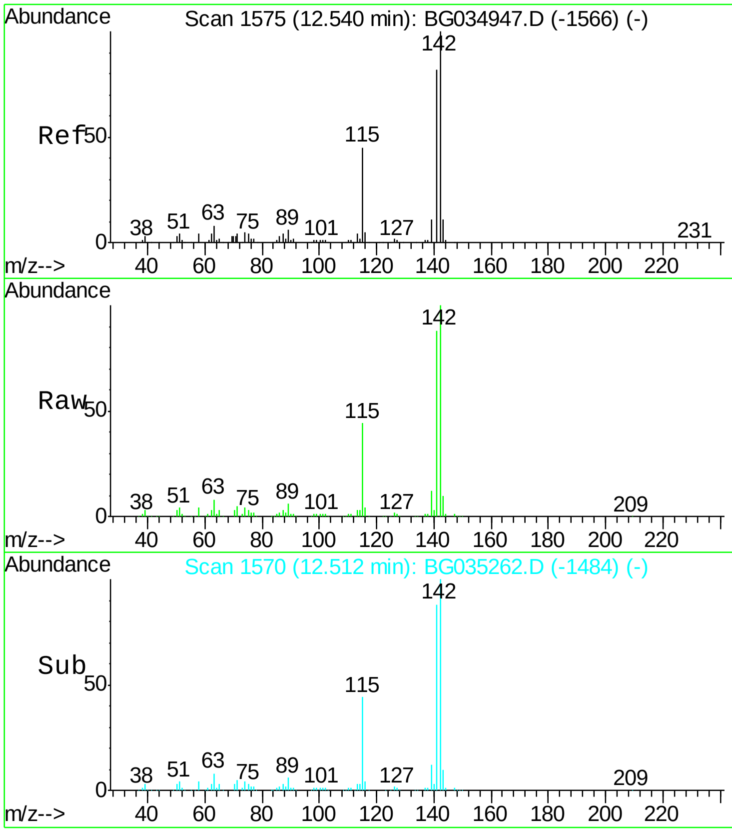


#36
4-Chloro-3-methylphenol
Concen: 39.286 ng
RT: 12.13 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:107 Resp: 170389

Ion	Ratio	Lower	Upper
107	100		
144	22.4	18.2	27.4
142	72.1	59.0	88.4



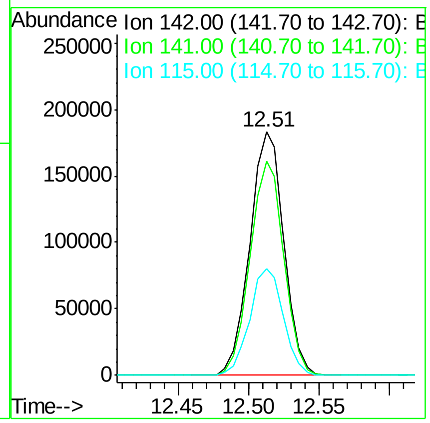


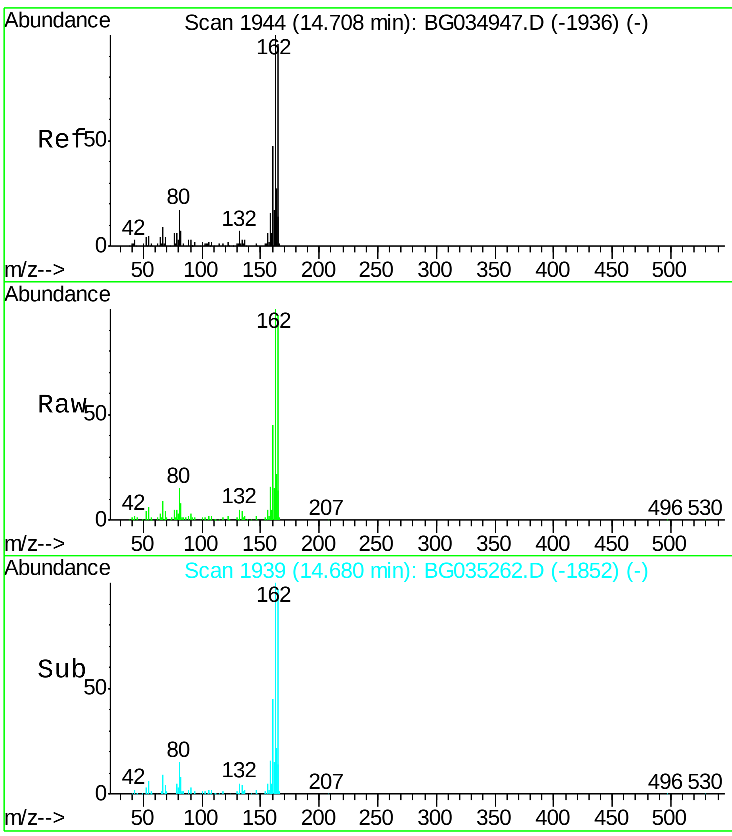
#37
2-Methylnaphthalene
Concen: 38.366 ng
RT: 12.51 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 309573

Ion	Ratio	Lower	Upper
142	100		
141	87.9	67.1	100.7
115	43.7	30.7	46.1

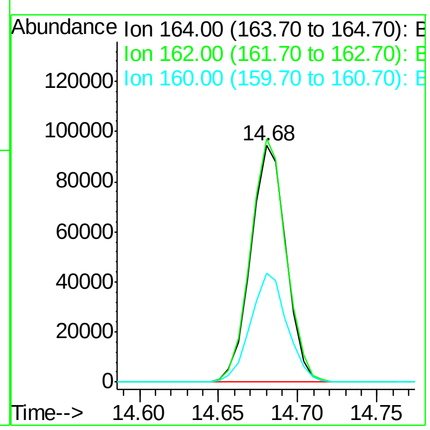


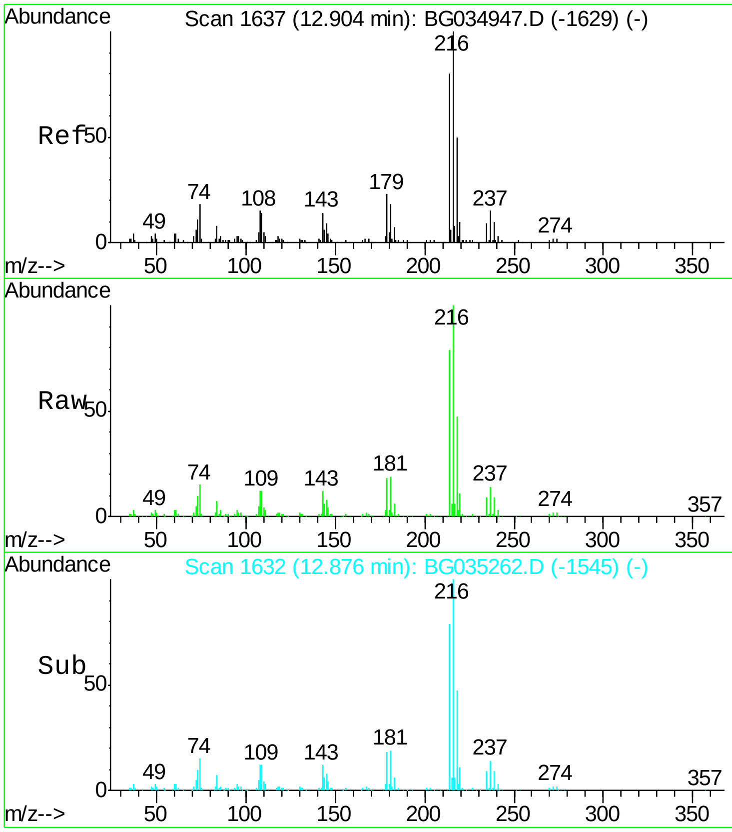


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:164 Resp: 146139

Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.8	118.2
160	46.0	35.4	53.0



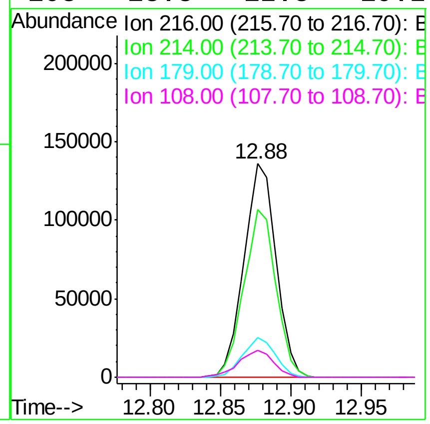


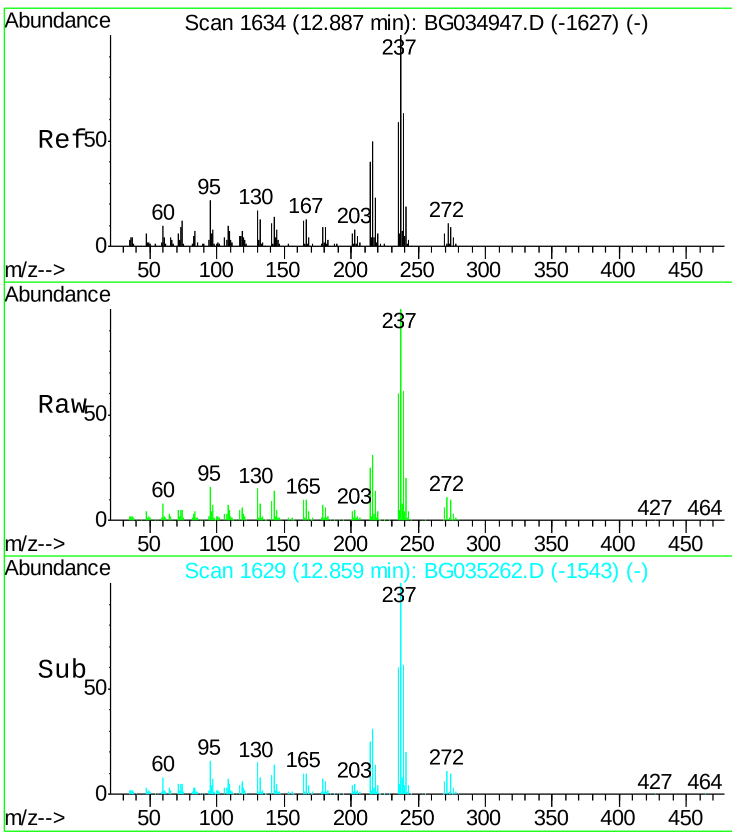
#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.900 ng
RT: 12.88 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Tgt Ion:216 Resp: 217192

Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	18.8	17.0	25.6
108	13.8	12.8	19.2

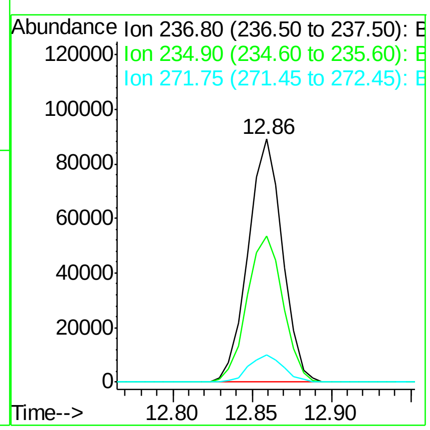


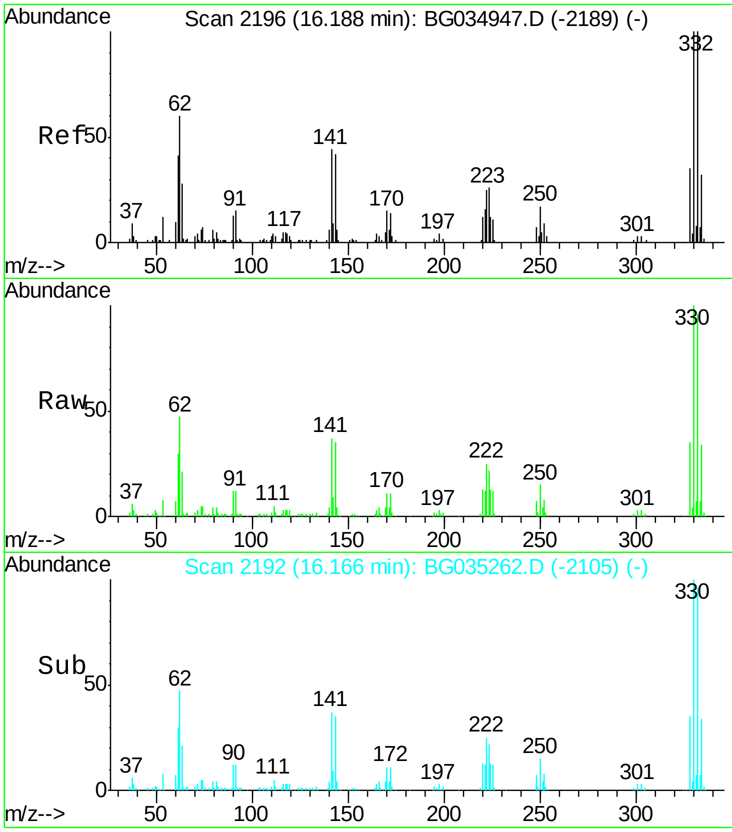


#40
Hexachlorocyclopentadiene
Concen: 39.251 ng
RT: 12.86 min Scan# 1629
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:237 Resp: 133983

Ion	Ratio	Lower	Upper
237	100		
235	59.9	50.4	90.4
272	11.2	0.0	31.8

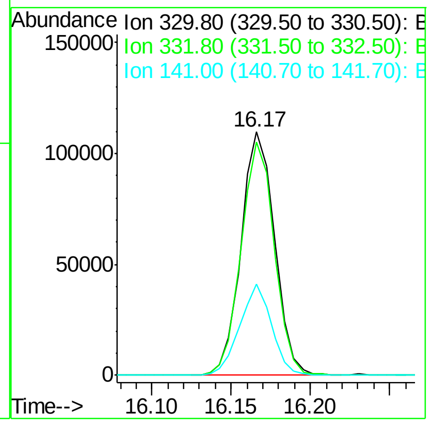


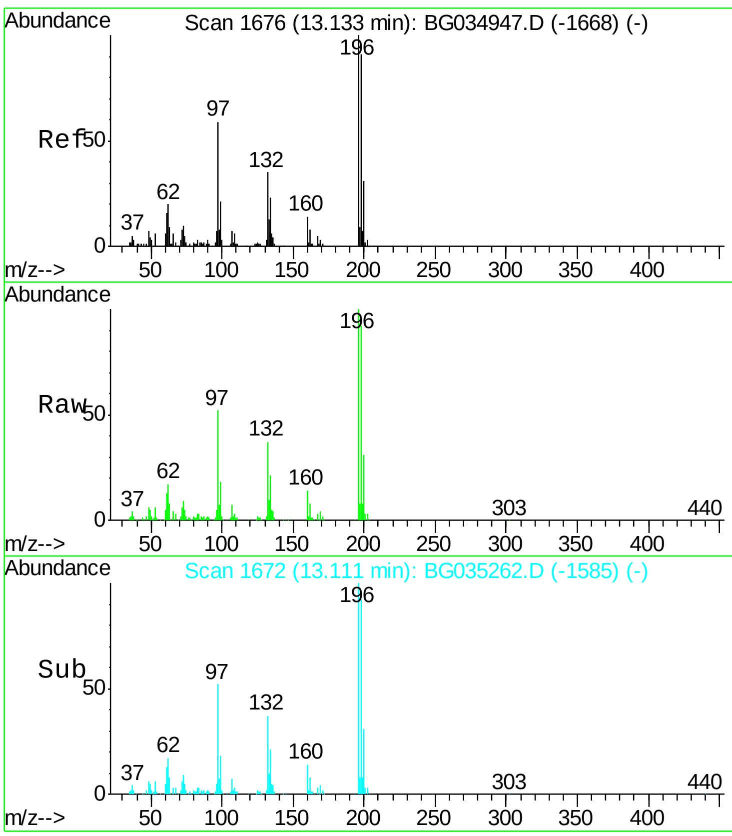


#41
2,4,6-Tribromophenol
Concen: 86.200 ng
RT: 16.17 min   Scan# 2192
Delta R.T.   -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

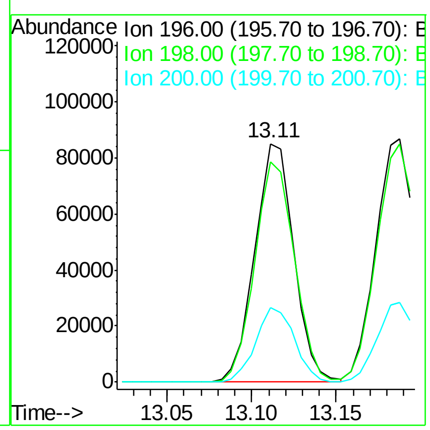
Tgt Ion:330	Resp:	161259	
Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	35.5	25.2	37.8

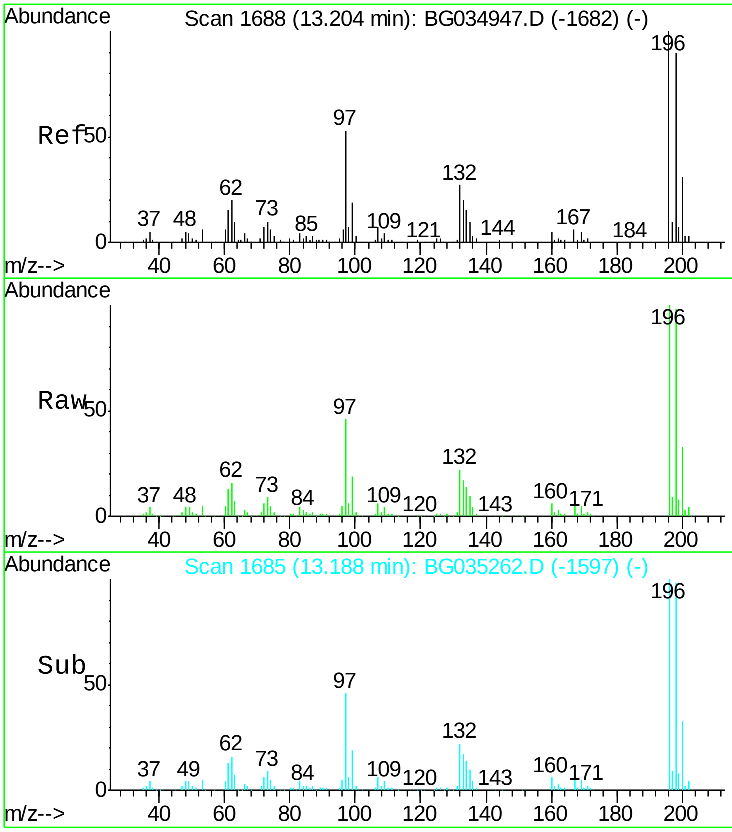




#42
2,4,6-Trichlorophenol
Concen: 42.004 ng
RT: 13.11 min   Scan# 1672
Delta R.T.   -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Tgt Ion:196	Resp:	136907	
Ion	Ratio	Lower	Upper
196	100		
198	92.5	78.2	117.2
200	31.4	24.6	36.8



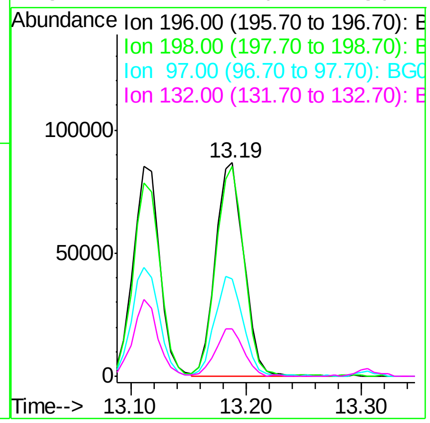


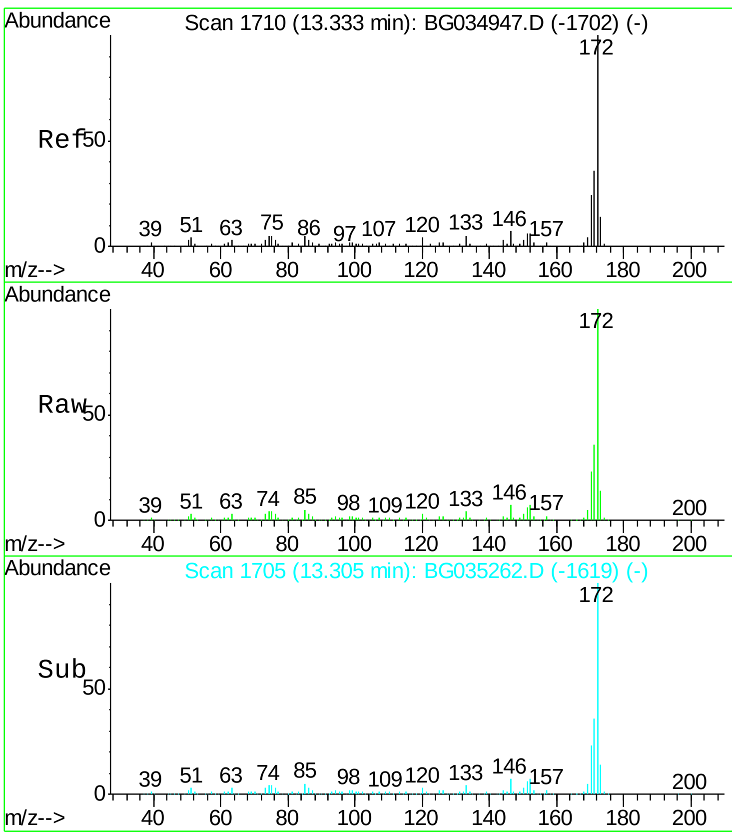
#43
2,4,5-Trichlorophenol
Concen: 41.817 ng
RT: 13.19 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 149597

Ion	Ratio	Lower	Upper
196	100		
198	98.1	76.2	114.4
97	45.7	38.7	58.1
132	22.4	20.2	30.2

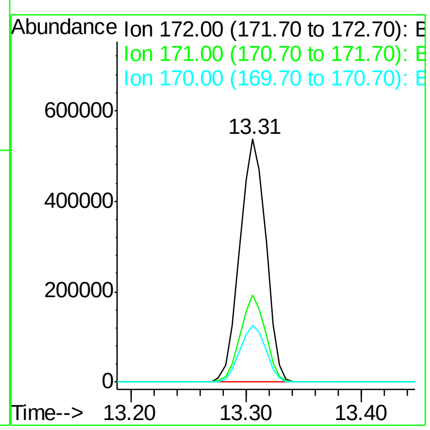


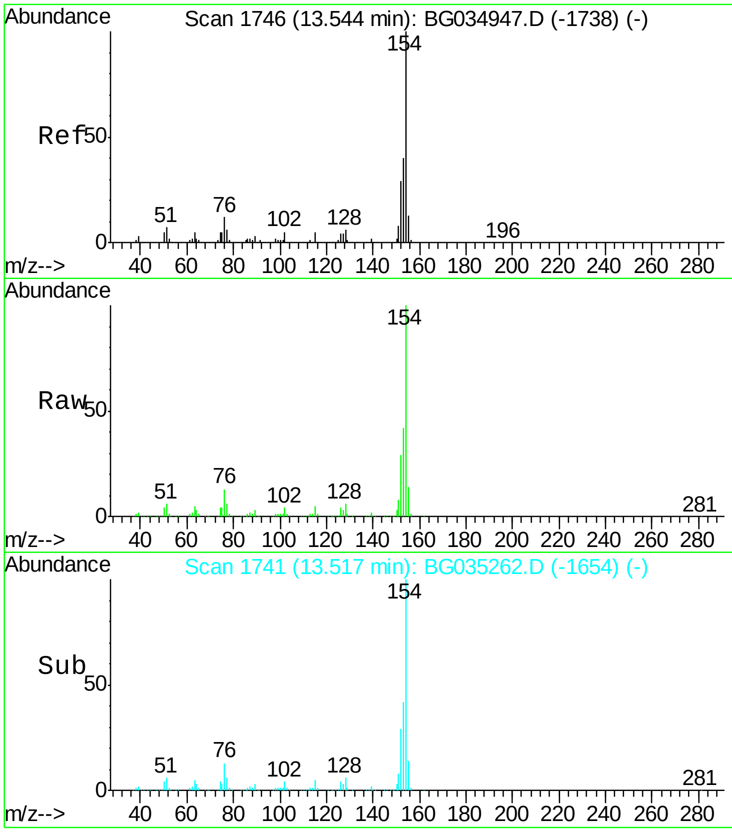


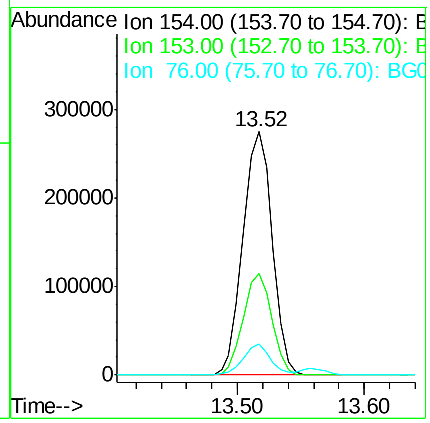
#44
2-Fluorobiphenyl
Concen: 74.752 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:172 Resp: 840324

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	23.4	19.5	29.3





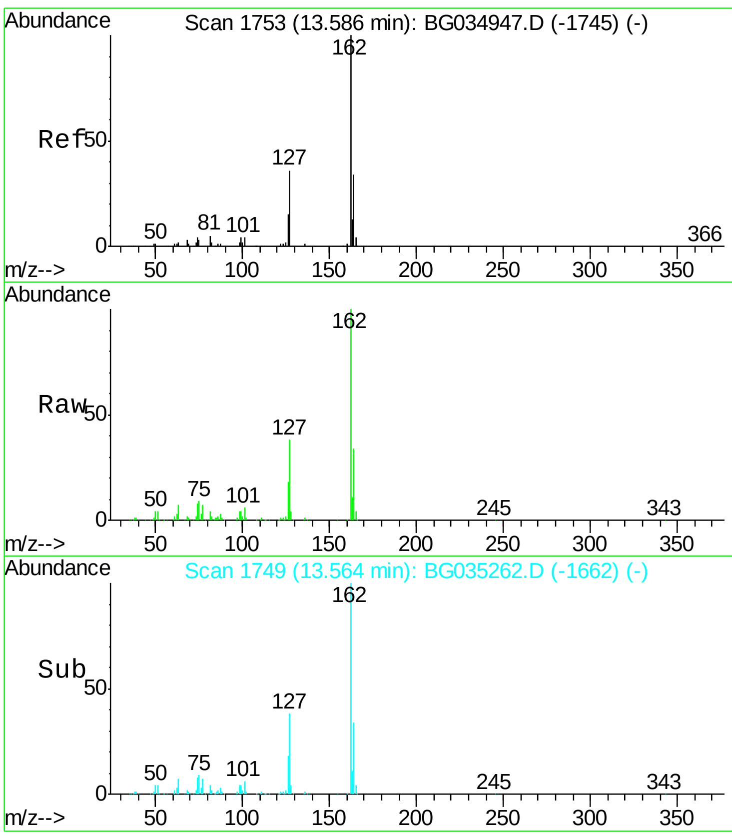


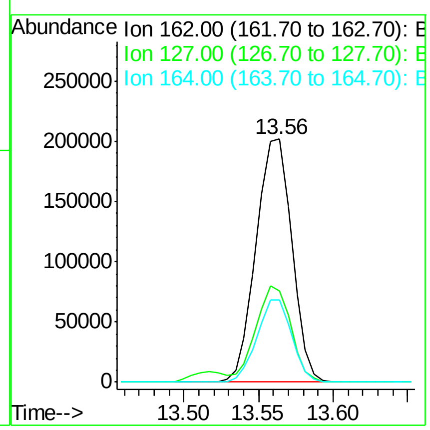
#45
1,1'-Biphenyl
Concen: 37.403 ng
RT: 13.52 min Scan# 1741
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:154 Resp: 439525

Ion	Ratio	Lower	Upper
154	100		
153	41.7	19.8	59.8
76	12.7	0.0	31.9

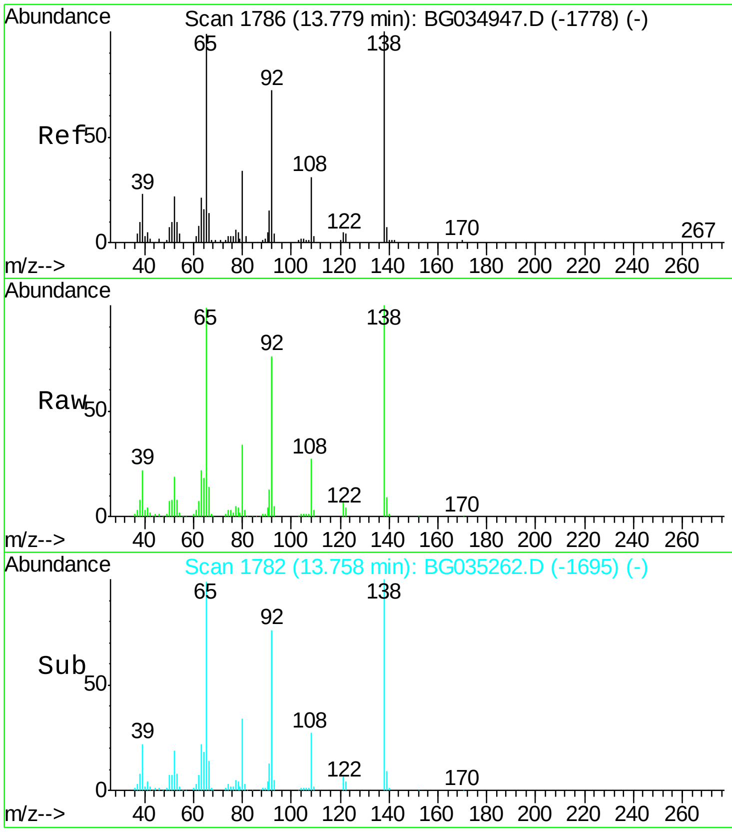




#46
2-Chloronaphthalene
Concen: 37.654 ng
RT: 13.56 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:162 Resp: 334541

Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.7	46.1
164	33.6	26.0	39.0

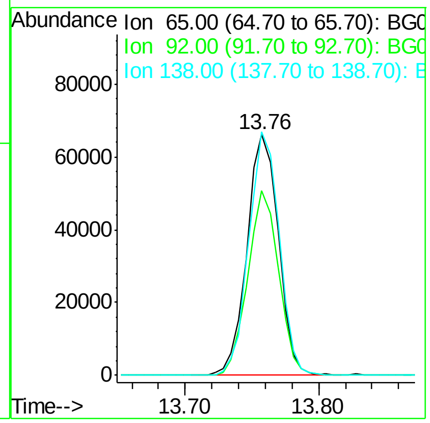


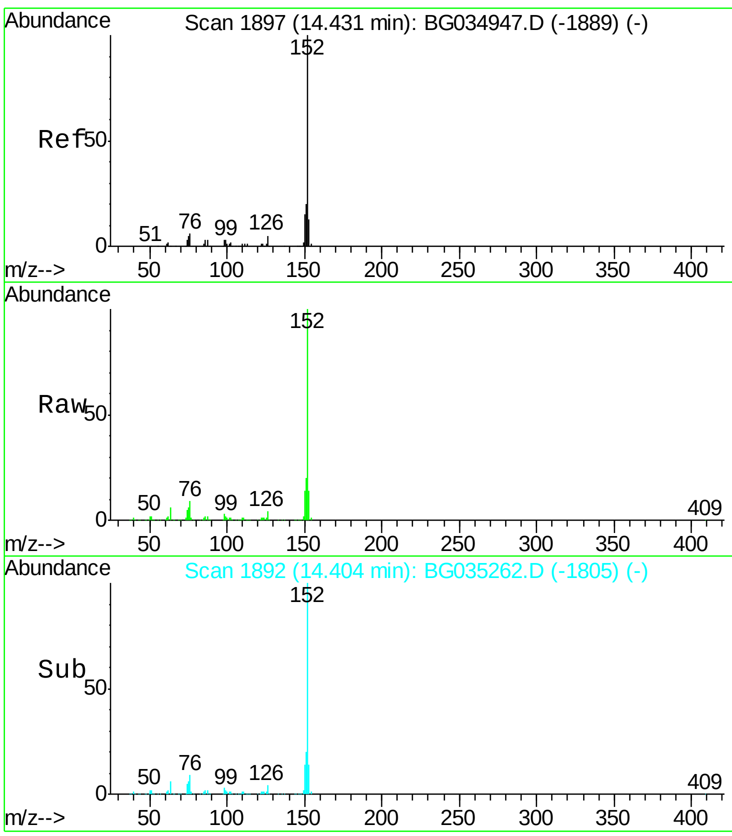
#47
2-Nitroaniline
Concen: 40.949 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Tgt Ion: 65 Resp: 107430

Ion	Ratio	Lower	Upper
65	100		
92	76.6	54.6	82.0
138	101.2	72.9	109.3

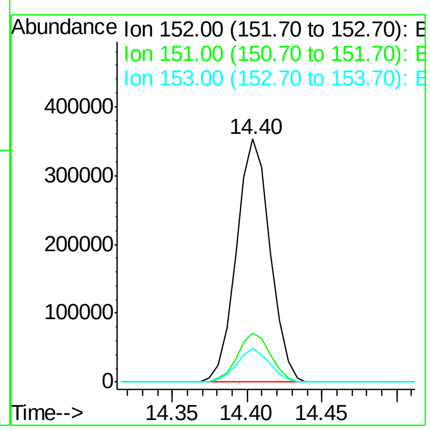


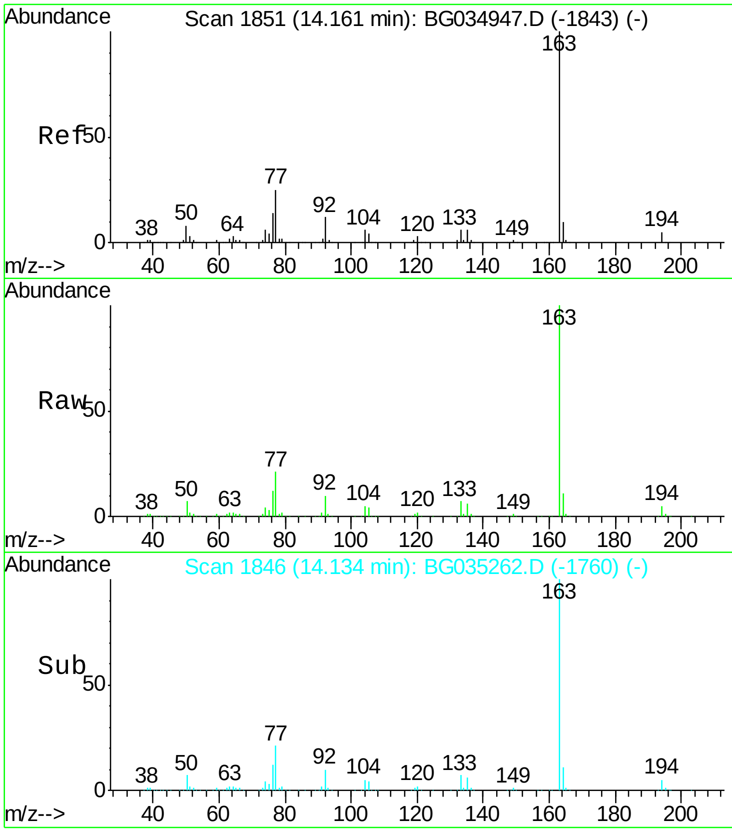


#48
Acenaphthylene
Concen: 37.316 ng
RT: 14.40 min Scan# 1892
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:152 Resp: 555918

Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.2	25.8
153	13.7	10.2	15.4



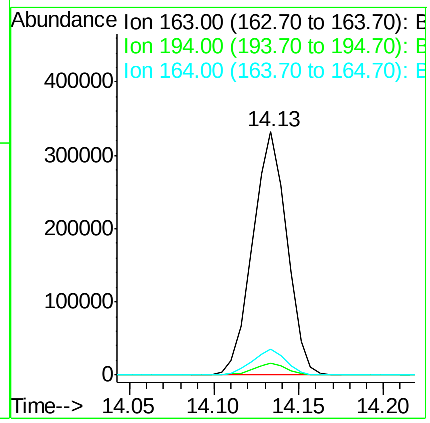


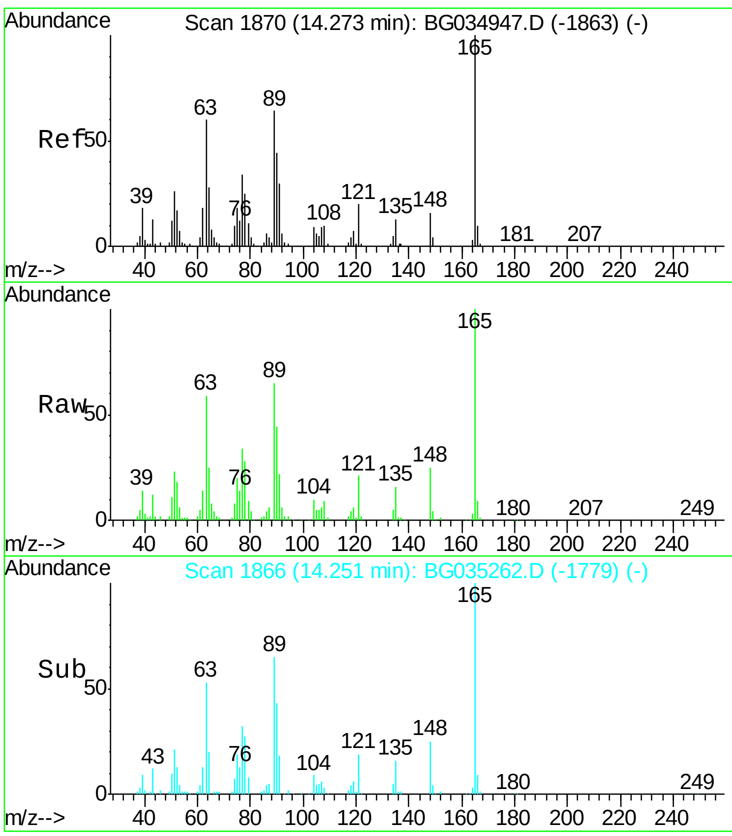
#49
Dimethylphthalate
Concen: 36.779 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 468706

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.2
164	10.6	8.2	12.4

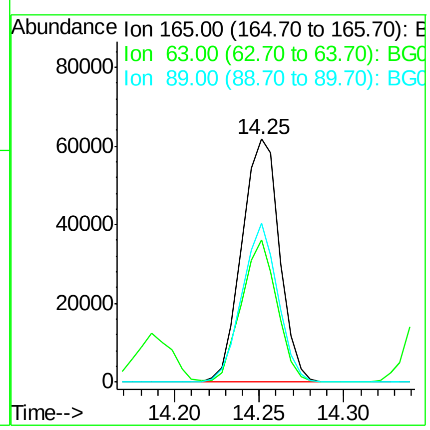


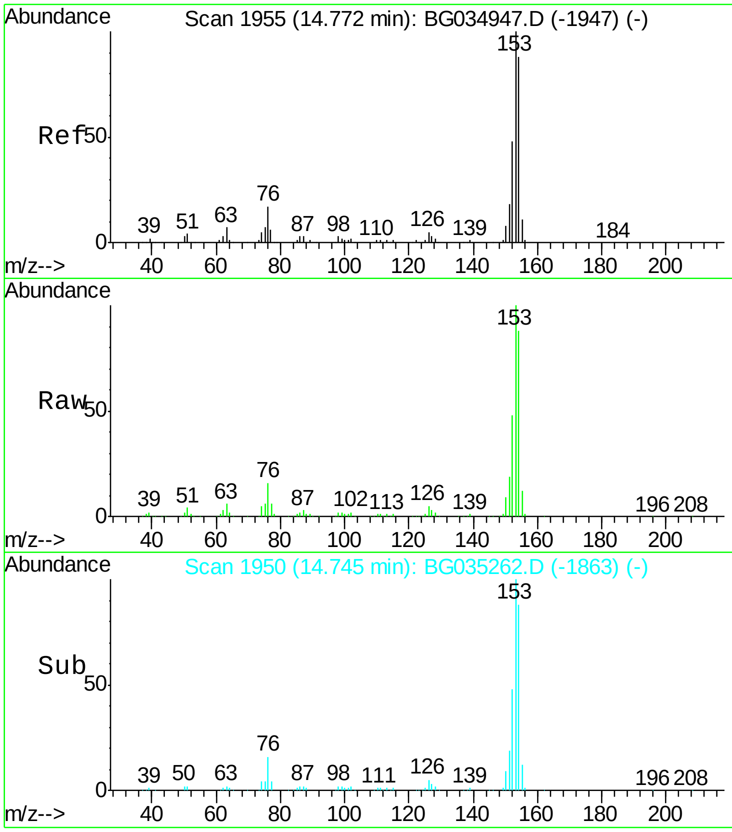


#50
2,6-Dinitrotoluene
Concen: 41.391 ng
RT: 14.25 min Scan# 1866
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:165 Resp: 96230

Ion	Ratio	Lower	Upper
165	100		
63	58.7	52.7	79.1
89	65.2	49.2	73.8



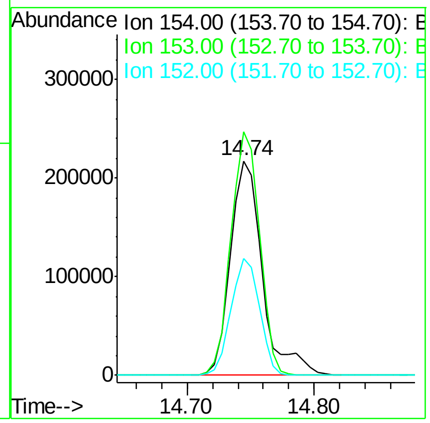


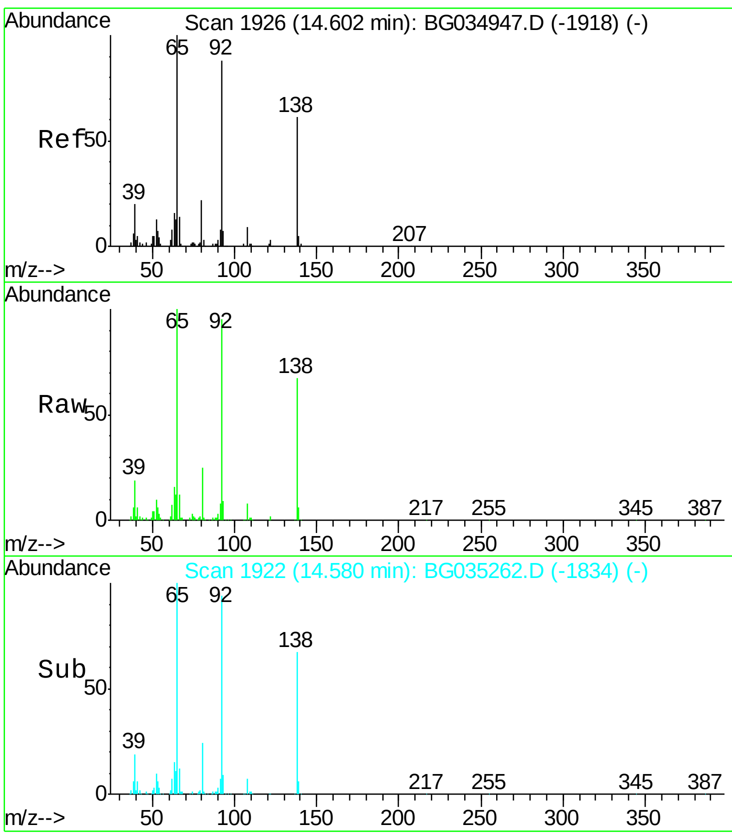
#51
Acenaphthene
Concen: 38.988 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:154 Resp: 379499

Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.4	135.6
152	54.5	41.6	62.4

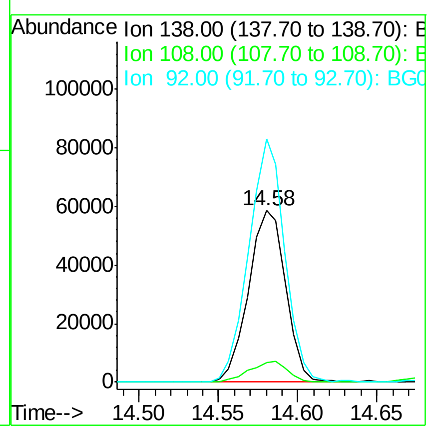




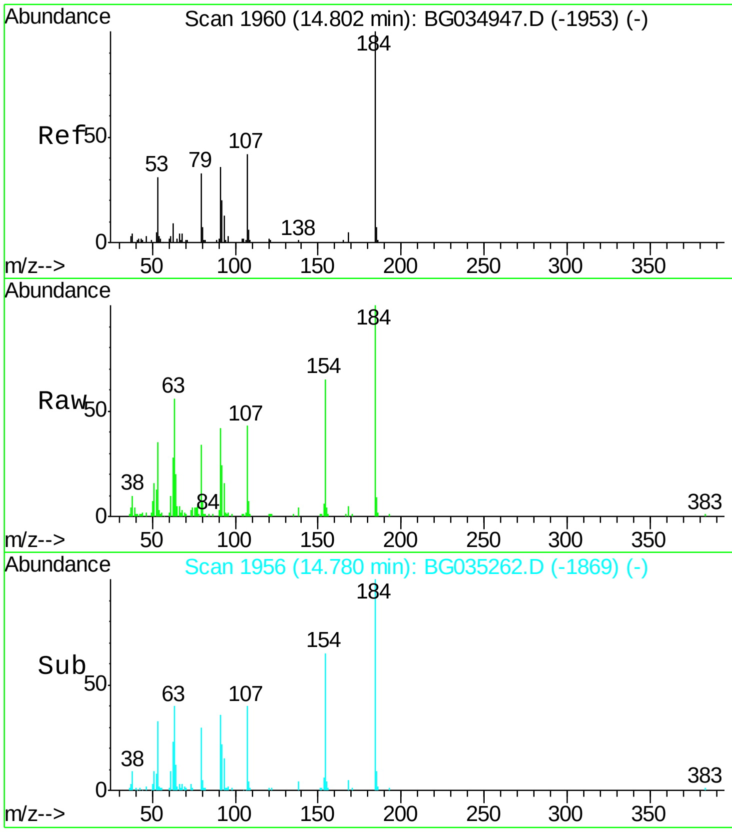
#52
3-Nitroaniline
Concen: 41.932 ng
RT: 14.58 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:138 Resp: 95660

Ion	Ratio	Lower	Upper
138	100		
108	11.4	17.5	26.3#
92	141.9	105.8	158.8



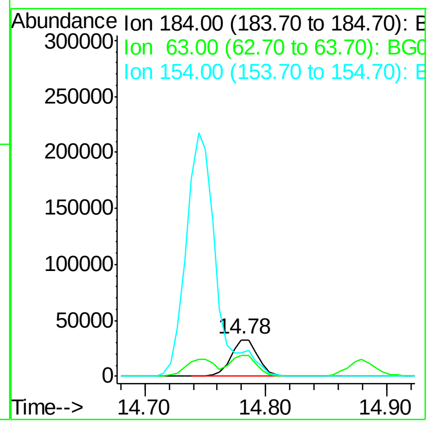
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

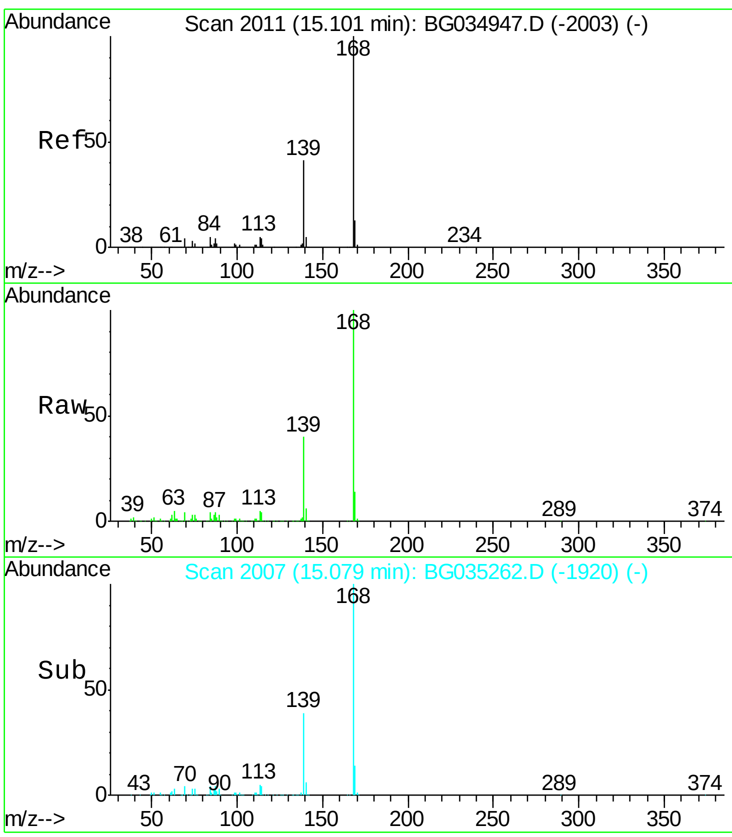


#53
2,4-Dinitrophenol
Concen: 54.933 ng
RT: 14.78 min   Scan# 1956
Delta R.T.   -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:184 Resp: 51686

Ion	Ratio	Lower	Upper
184	100		
63	56.4	59.8	89.8#
154	65.0	101.8	152.8#

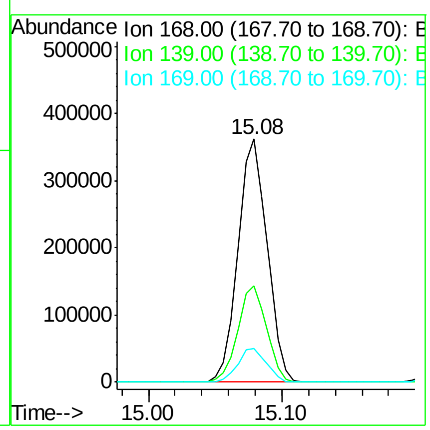


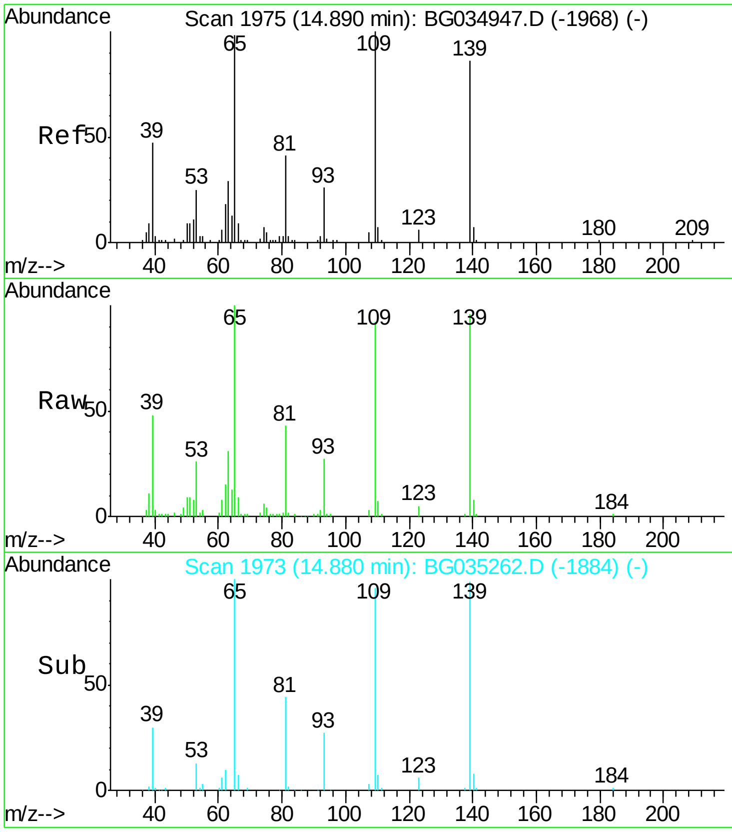


#54
Dibenzofuran
Concen: 37.615 ng
RT: 15.08 min   Scan# 2007
Delta R.T.   -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:168 Resp: 548352

Ion	Ratio	Lower	Upper
168	100		
139	39.6	28.6	43.0
169	13.7	11.2	16.8



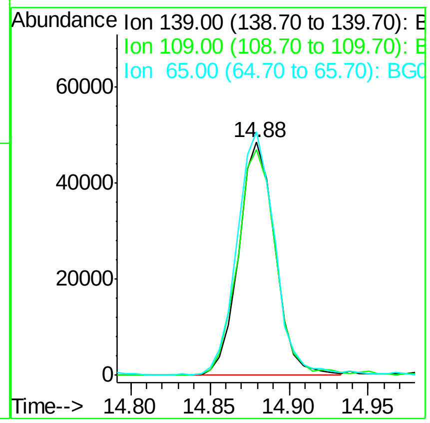


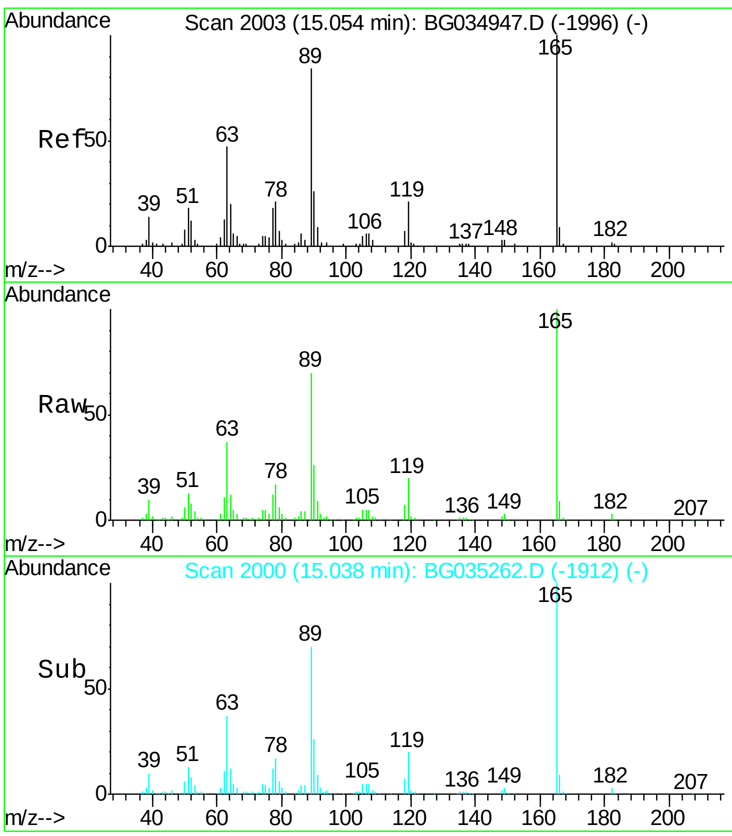
#55
4-Nitrophenol
Concen: 40.078 ng
RT: 14.88 min   Scan# 1973
Delta R.T.   -0.00 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 77164

Ion	Ratio	Lower	Upper
139	100		
109	96.5	62.2	102.2
65	104.4	97.2	137.2

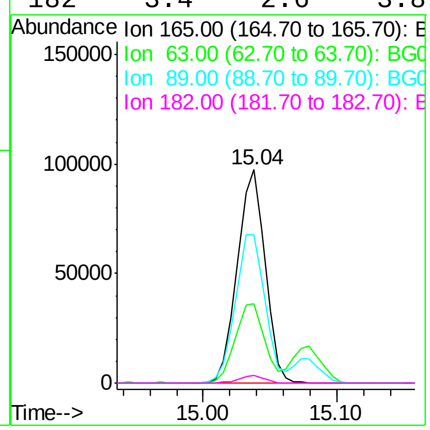


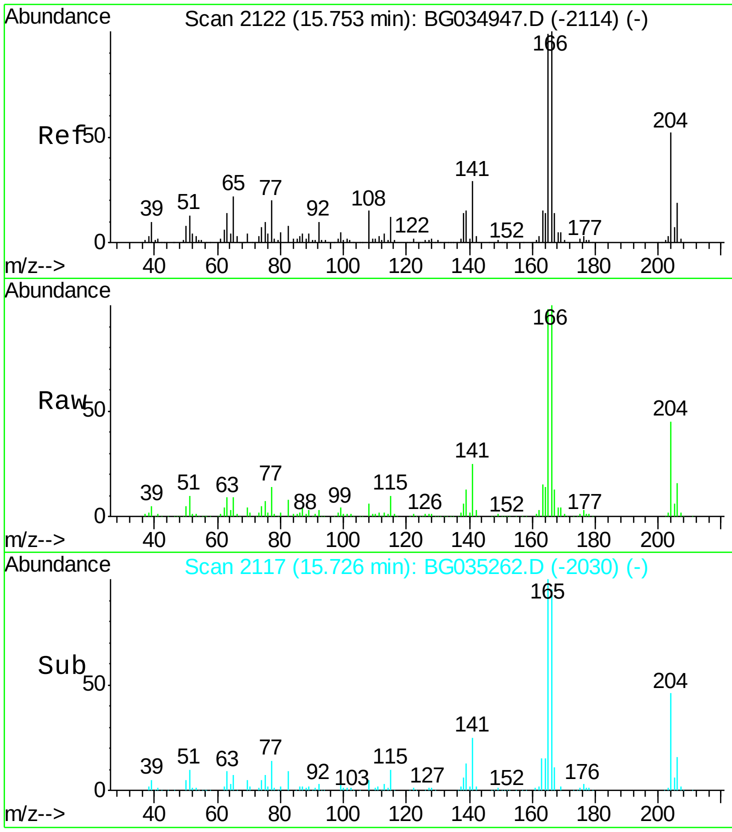


#56
2,4-Dinitrotoluene
Concen: 45.846 ng
RT: 15.04 min   Scan# 2000
Delta R.T.   -0.01 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Tgt Ion:165 Resp: 141589

Ion	Ratio	Lower	Upper
165	100		
63	37.3	42.0	63.0#
89	69.5	66.9	100.3
182	3.4	2.6	3.8



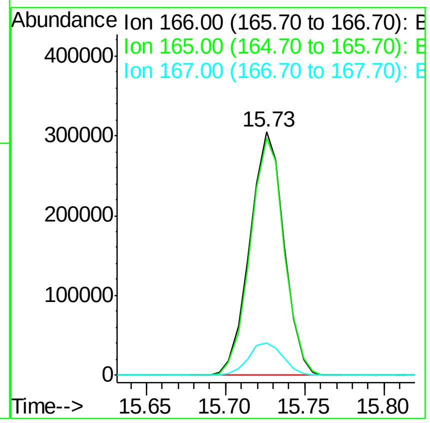


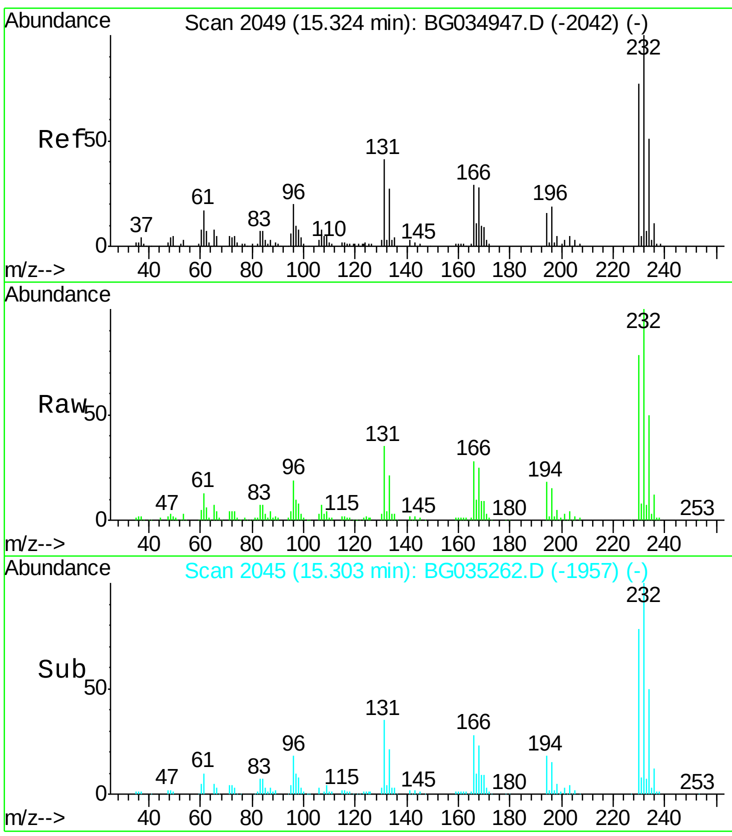
#57
Fluorene
Concen: 37.522 ng
RT: 15.73 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:166 Resp: 457142

Ion	Ratio	Lower	Upper
166	100		
165	97.7	80.6	121.0
167	13.1	10.4	15.6

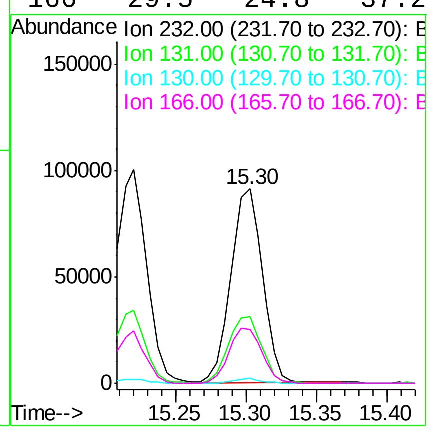


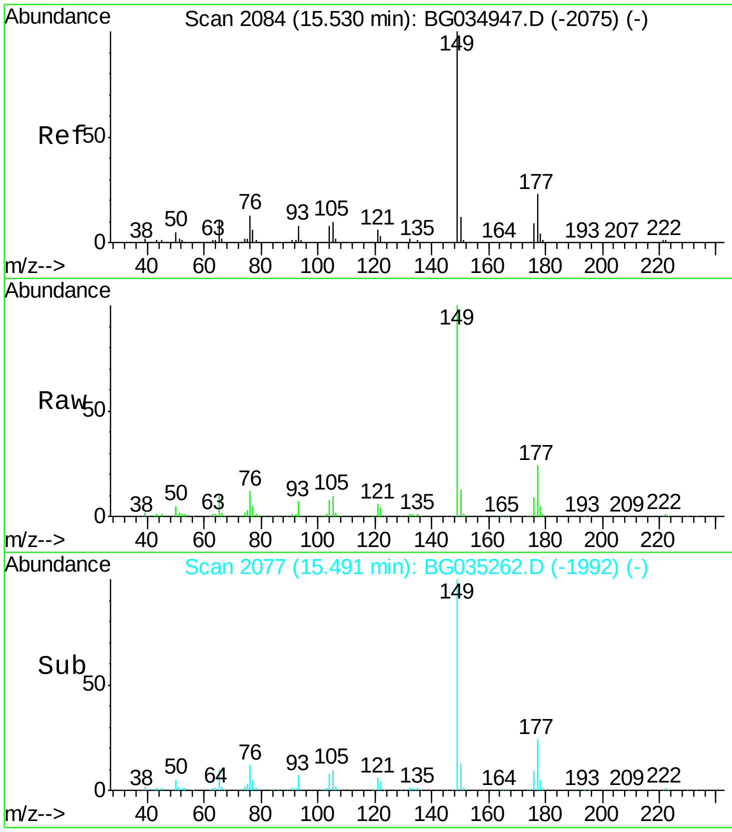


#58
2,3,4,6-Tetrachlorophenol
Concen: 41.014 ng
RT: 15.30 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:232 Resp: 142538

Ion	Ratio	Lower	Upper
232	100		
131	36.3	33.5	50.3
130	2.2	2.2	3.2
166	29.5	24.8	37.2



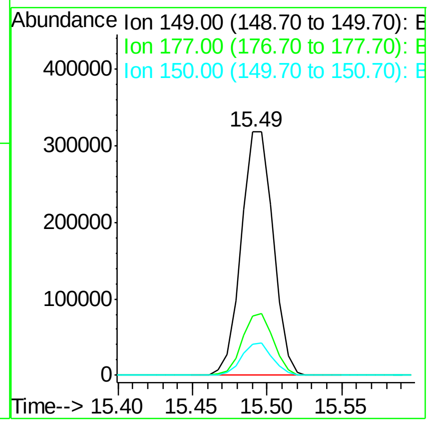


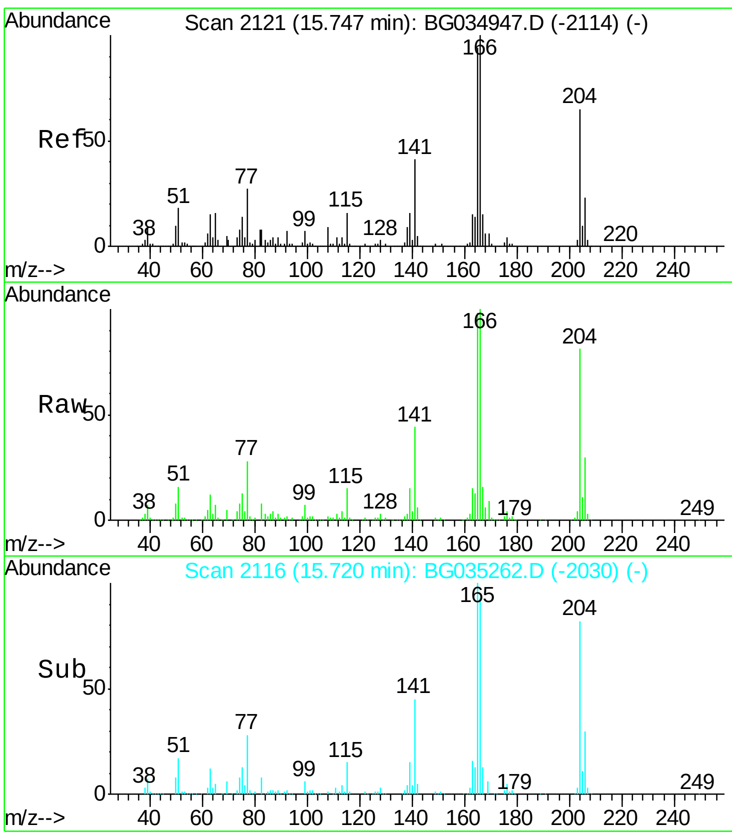
#59
Diethylphthalate
Concen: 36.196 ng
RT: 15.49 min   Scan# 2077
Delta R.T.   -0.03 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 470609

Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.5	27.7
150	13.0	10.2	15.2

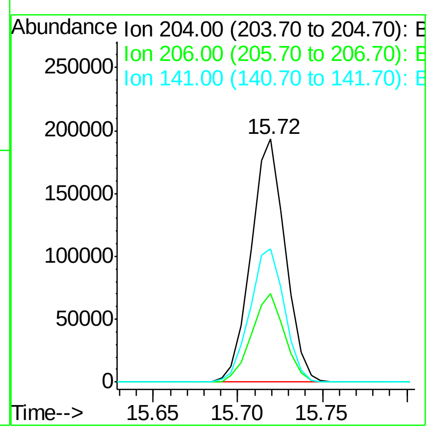


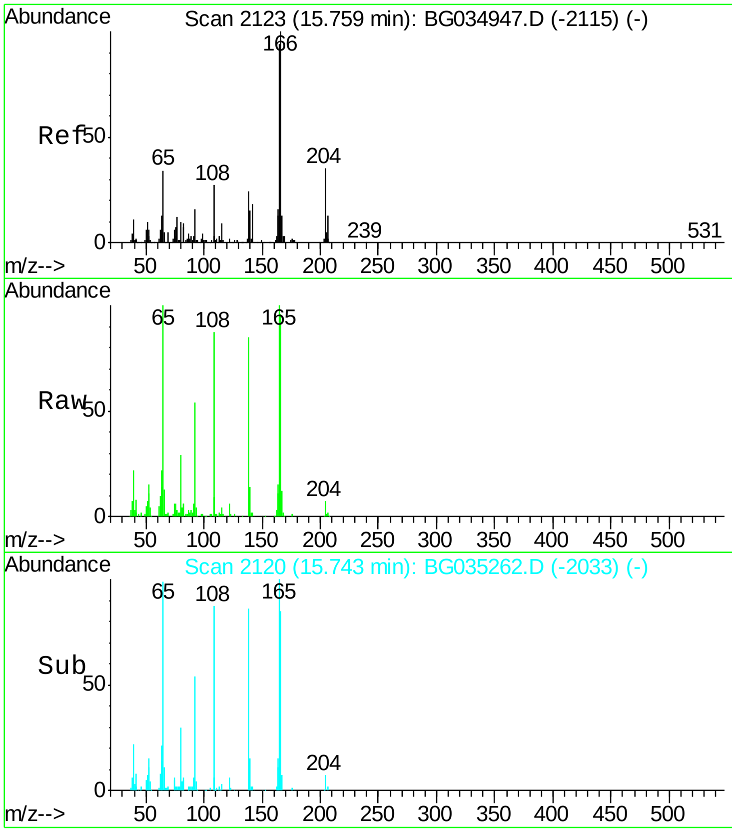


#60
4-Chlorophenyl-phenylether
Concen: 39.140 ng
RT: 15.72 min   Scan# 2116
Delta R.T.   -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Tgt Ion:204 Resp: 271912

Ion	Ratio	Lower	Upper
204	100		
206	36.7	26.2	39.2
141	54.9	45.8	68.6



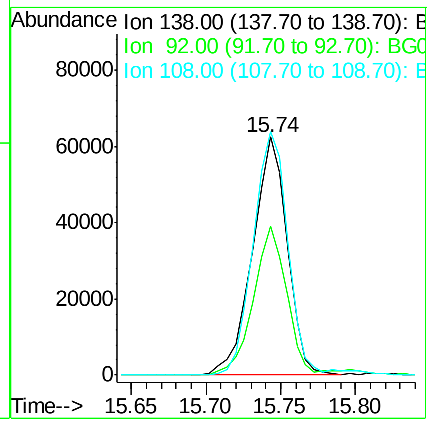


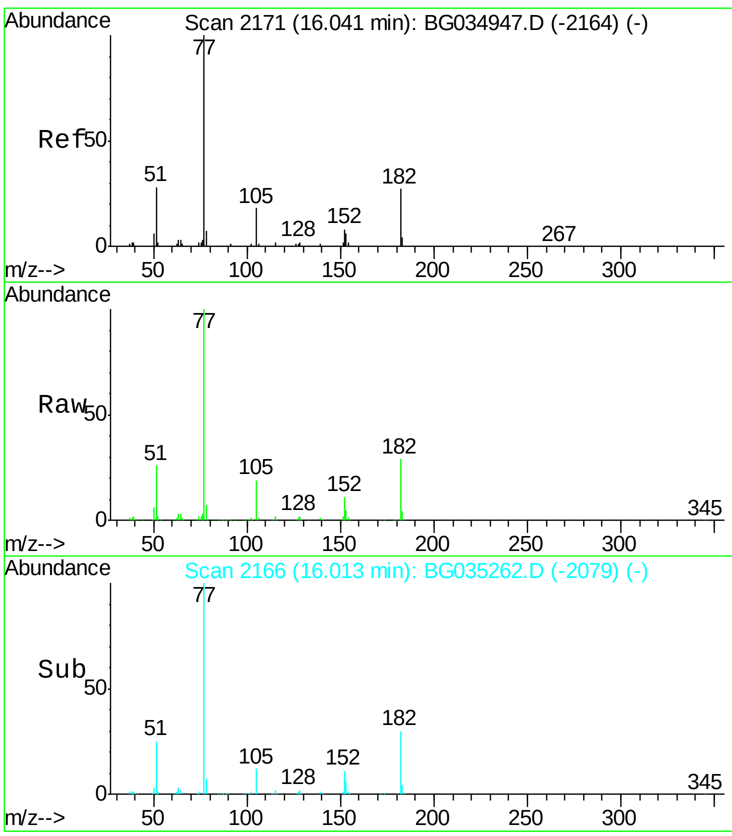
#61
4-Nitroaniline
Concen: 40.977 ng
RT: 15.74 min   Scan# 2120
Delta R.T.   -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Tgt Ion:138 Resp: 100254

Ion	Ratio	Lower	Upper
138	100		
92	62.8	40.1	80.1
108	102.3	65.4	105.4

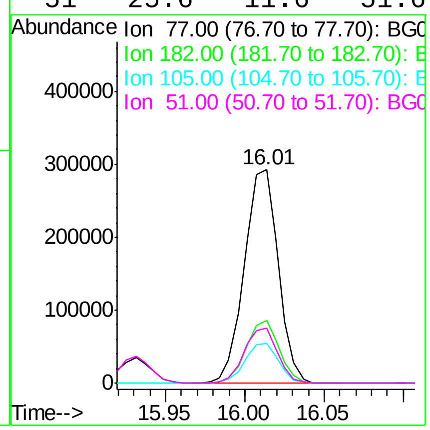


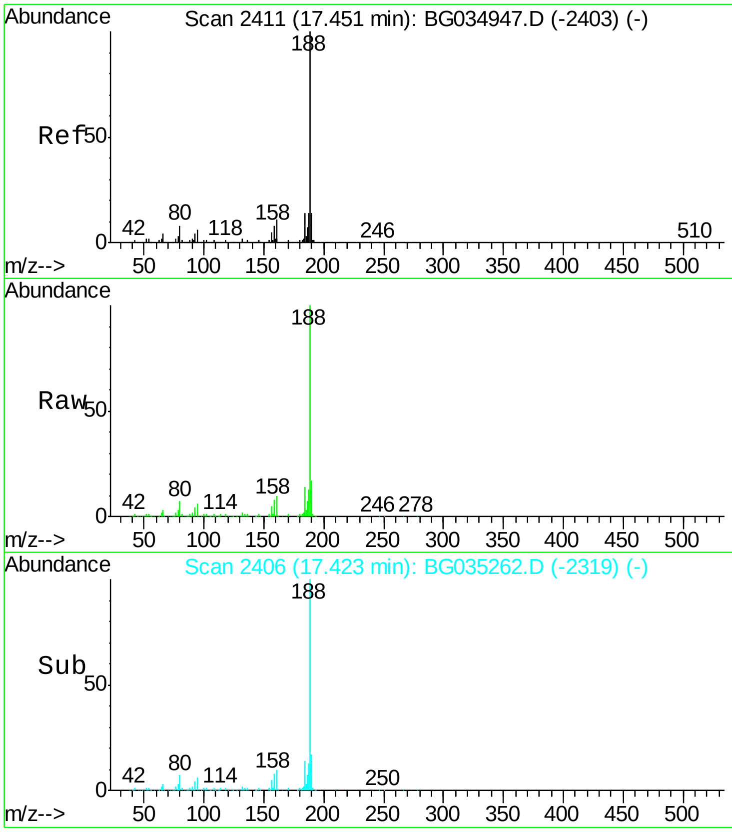


#62
Azobenzene
Concen: 34.085 ng
RT: 16.01 min   Scan# 2166
Delta R.T.   -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Tgt Ion: 77 Resp: 434275

Ion	Ratio	Lower	Upper
77	100		
182	29.2	7.4	47.4
105	18.7	0.3	40.3
51	25.6	11.6	51.6



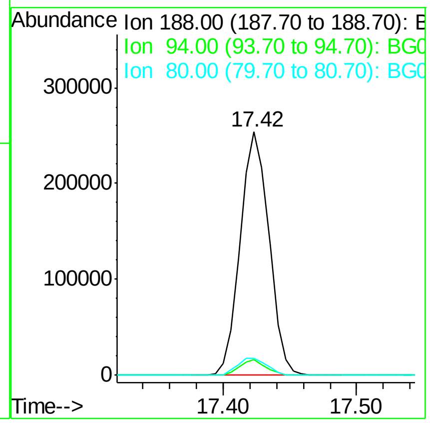


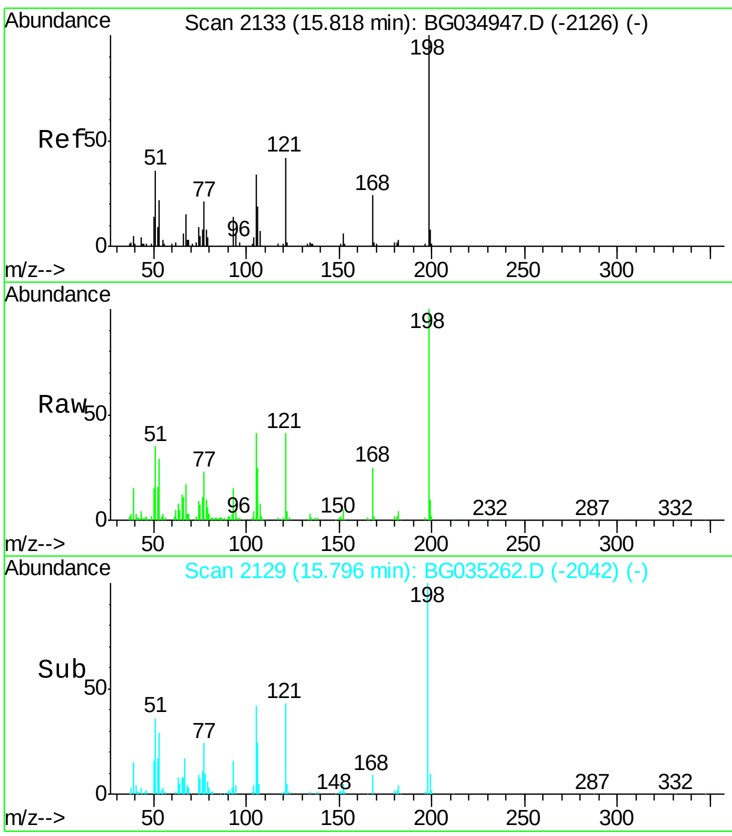
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 379950

Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	7.2	7.7	11.5#

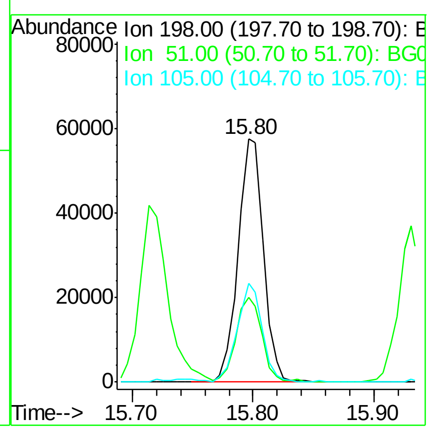


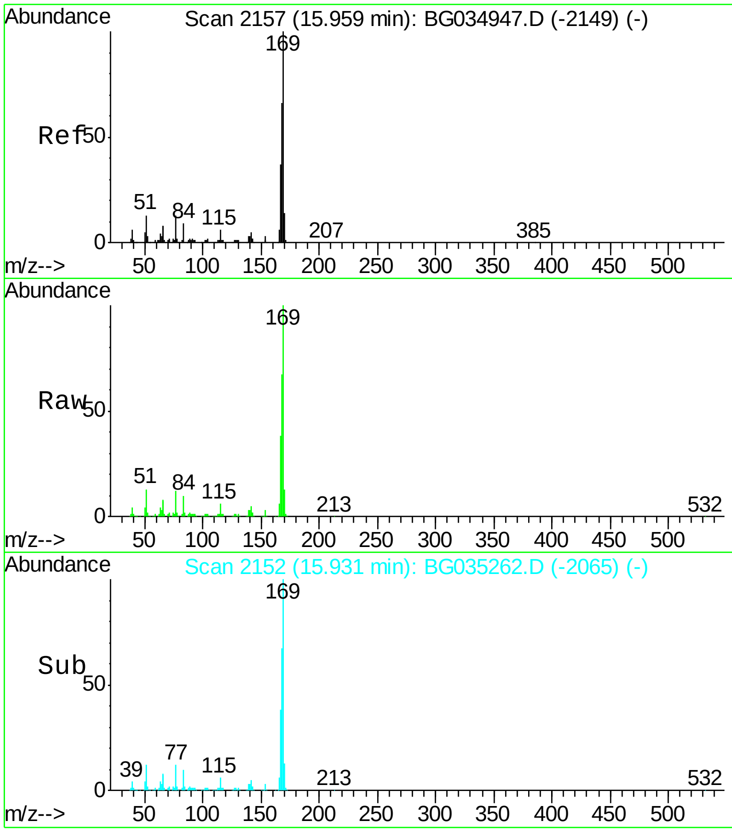


#64
4,6-Dinitro-2-methylphenol
Concen: 48.669 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:198 Resp: 84428

Ion	Ratio	Lower	Upper
198	100		
51	34.8	30.6	70.6
105	40.6	23.8	63.8



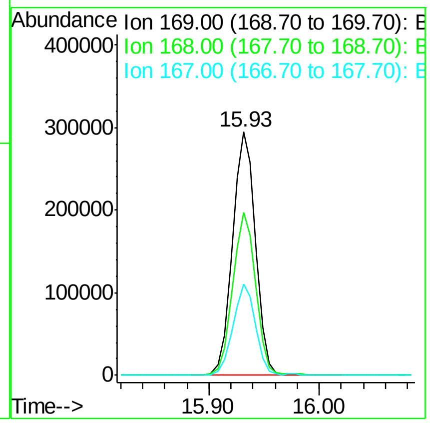


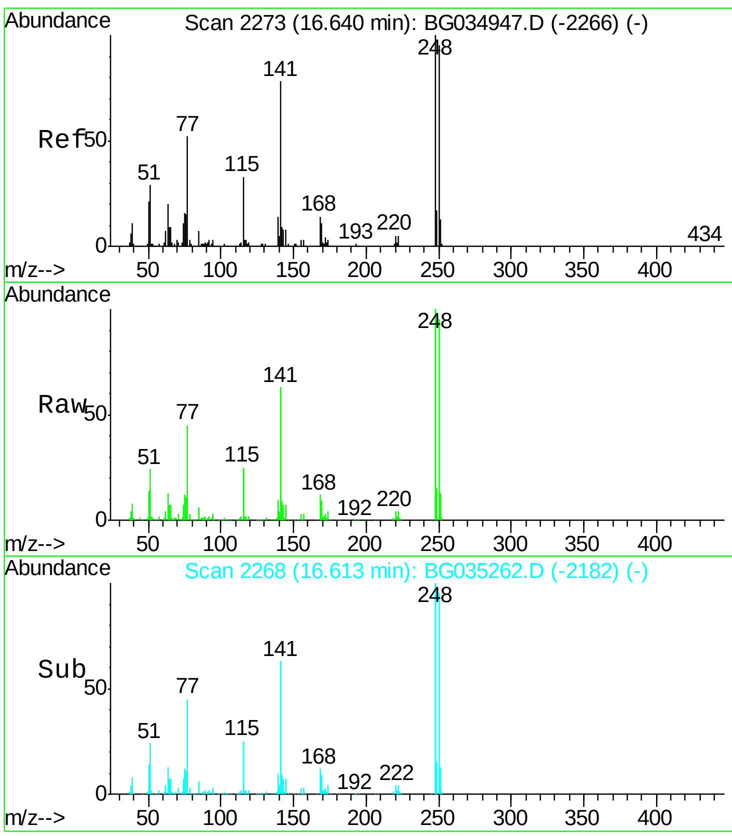
#65
n-Nitrosodiphenylamine
Concen: 37.482 ng
RT: 15.93 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Tgt Ion:169 Resp: 427681

Ion	Ratio	Lower	Upper
169	100		
168	66.8	55.7	83.5
167	37.7	30.1	45.1

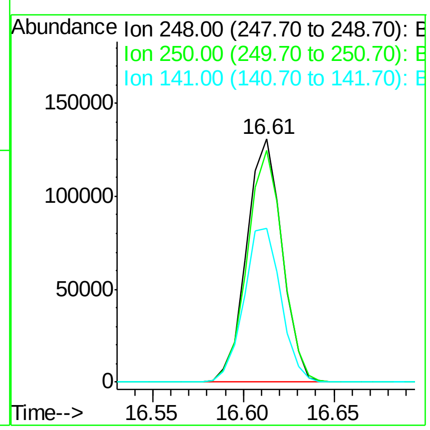


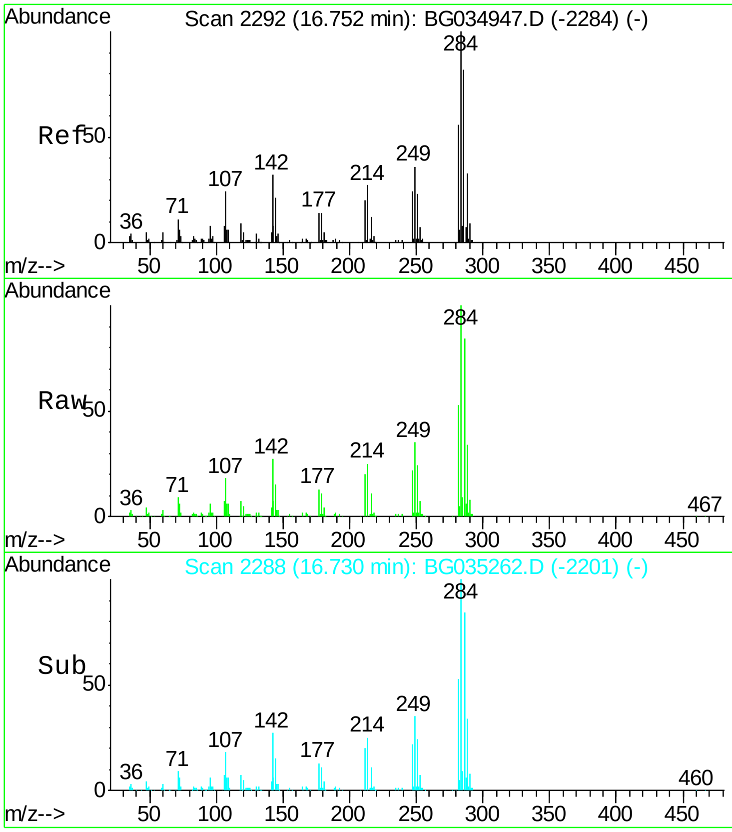


#66
4-Bromophenyl-phenylether
Concen: 39.064 ng
RT: 16.61 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:248 Resp: 178736

Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.1	115.7
141	63.4	50.8	76.2

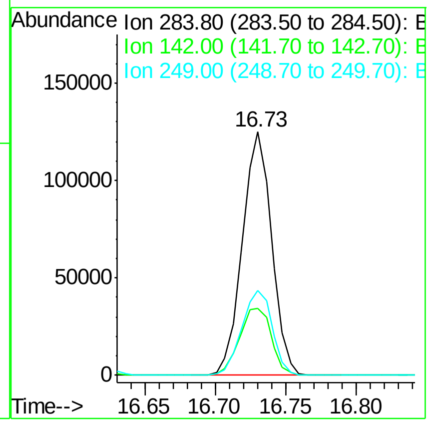


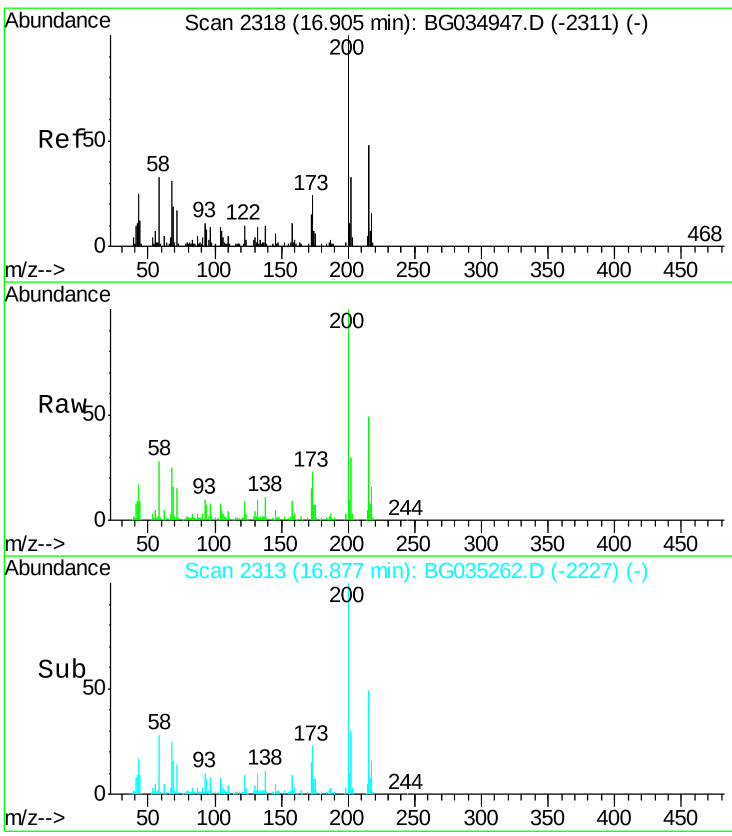


#67
Hexachlorobenzene
Concen: 39.100 ng
RT: 16.73 min   Scan# 2288
Delta R.T.   -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

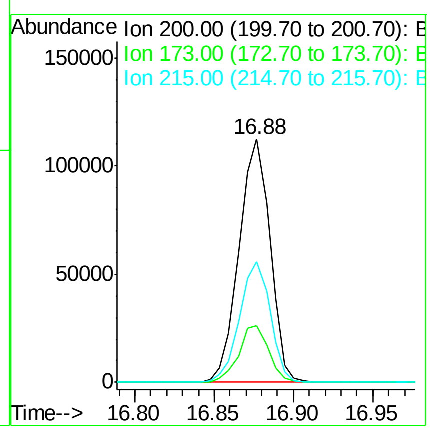
Tgt	Ion:284	Resp:	182091
Ion	Ratio	Lower	Upper
284	100		
142	27.3	26.8	40.2
249	34.7	26.3	39.5

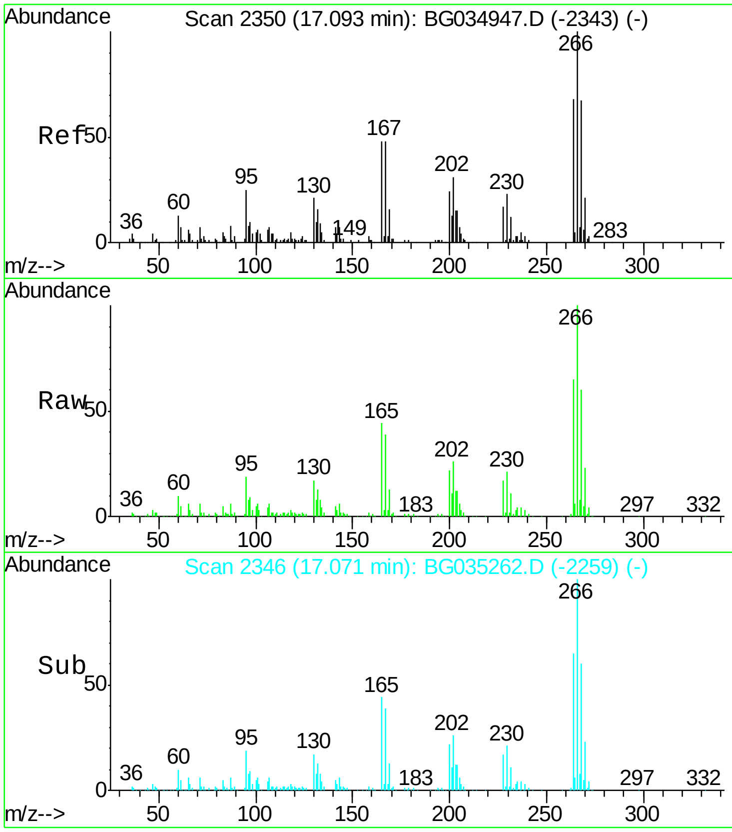




#68
Atrazine
Concen: 31.382 ng
RT: 16.88 min   Scan# 2313
Delta R.T.   -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Tgt	Ion:200	Resp:	152699
Ion	Ratio	Lower	Upper
200	100		
173	23.4	5.2	45.2
215	49.4	30.4	70.4



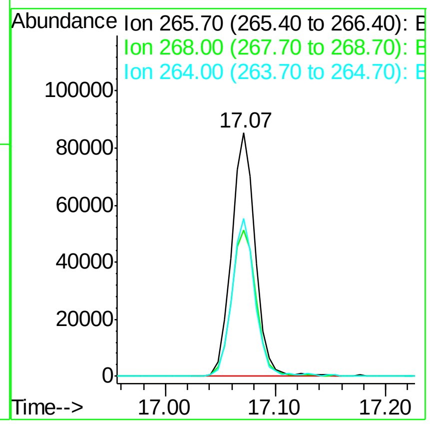


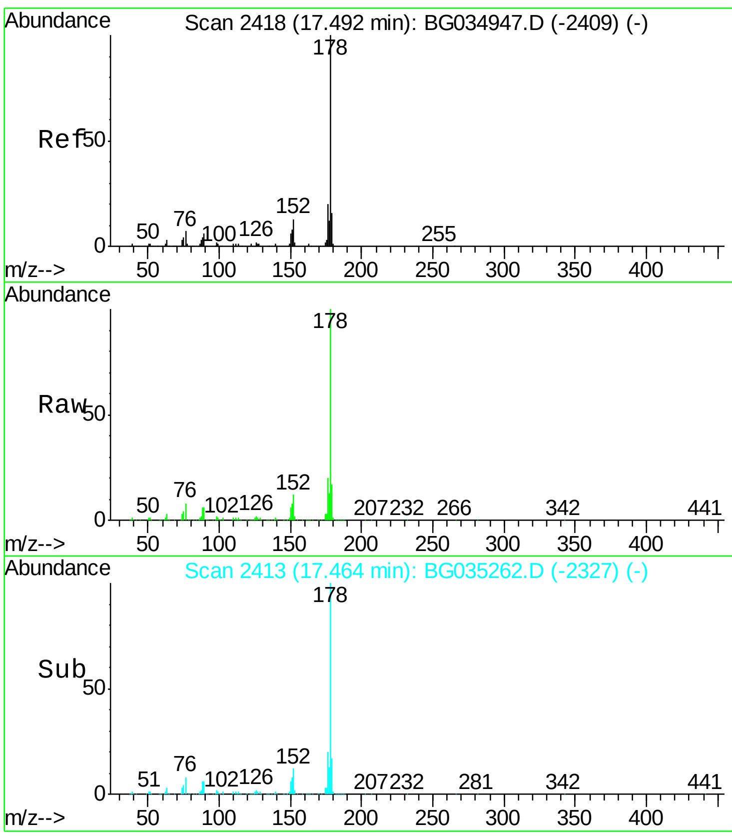
#69
Pentachlorophenol
Concen: 41.222 ng
RT: 17.07 min Scan# 2346
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Tgt Ion:266 Resp: 129090

Ion	Ratio	Lower	Upper
266	100		
268	60.4	51.1	76.7
264	64.8	49.6	74.4

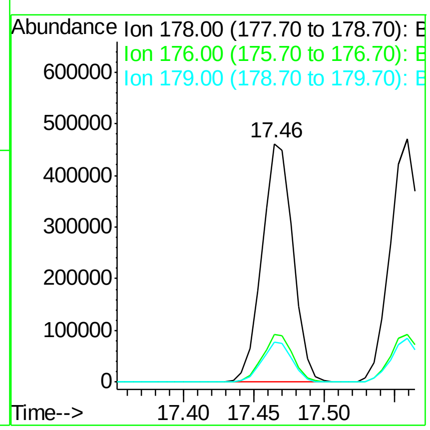


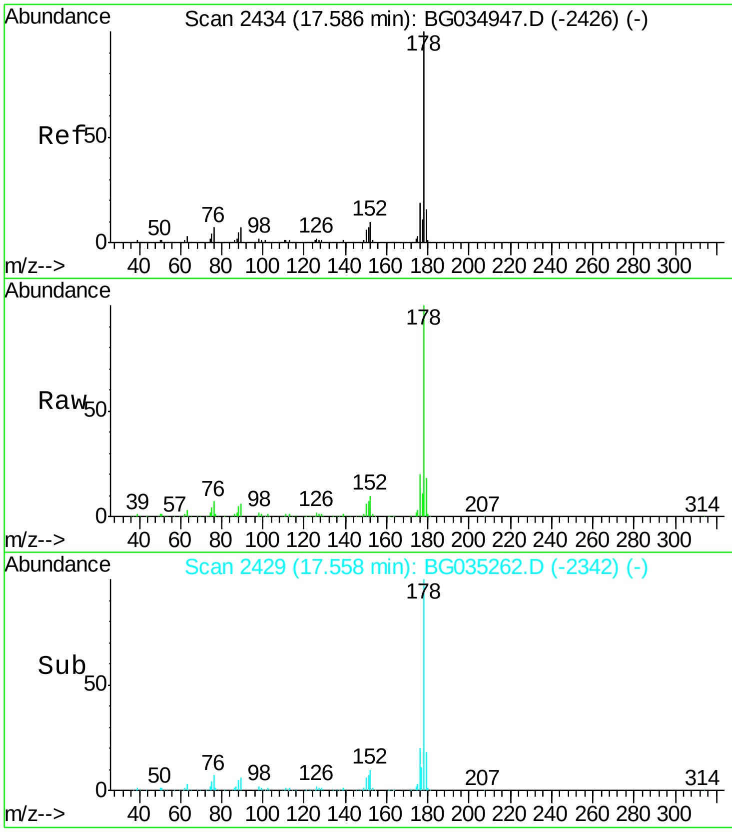


#70
Phenanthrene
Concen: 36.948 ng
RT: 17.46 min Scan# 2413
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:178 Resp: 713112

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	17.0	12.5	18.7



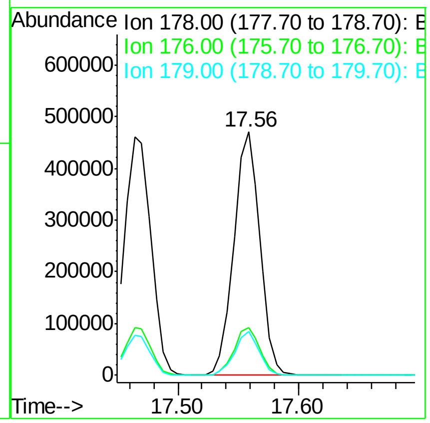


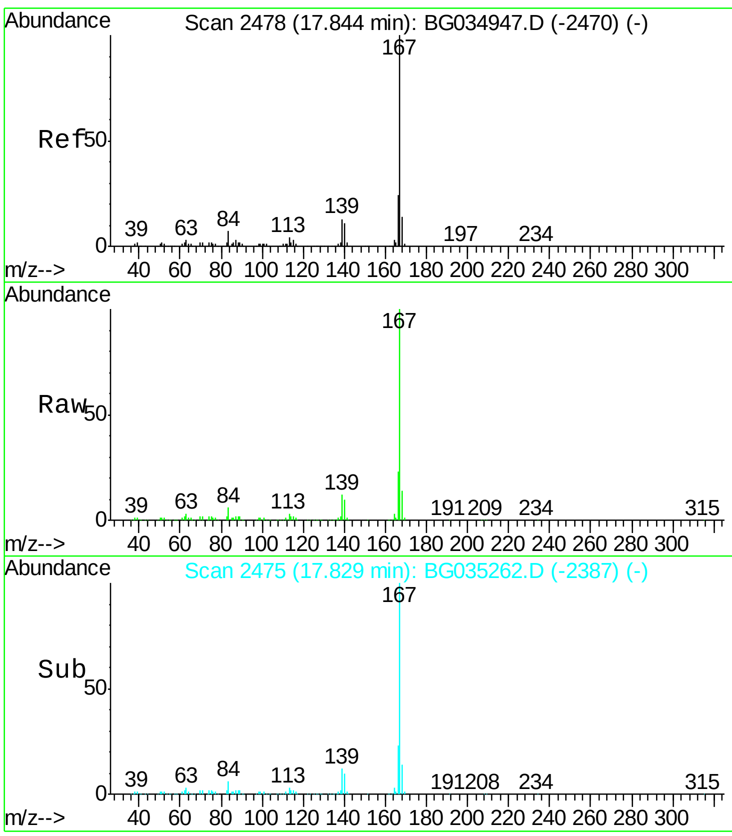
#71
Anthracene
Concen: 36.388 ng
RT: 17.56 min   Scan# 2429
Delta R.T.   -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 703490

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	18.1	12.5	18.7

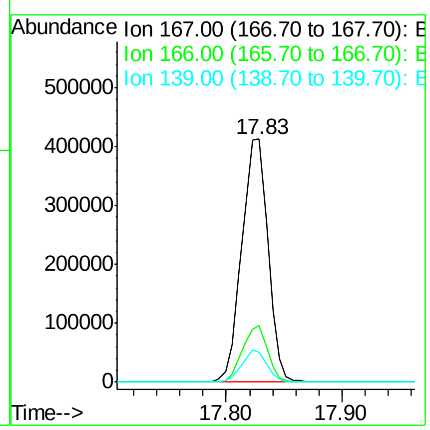




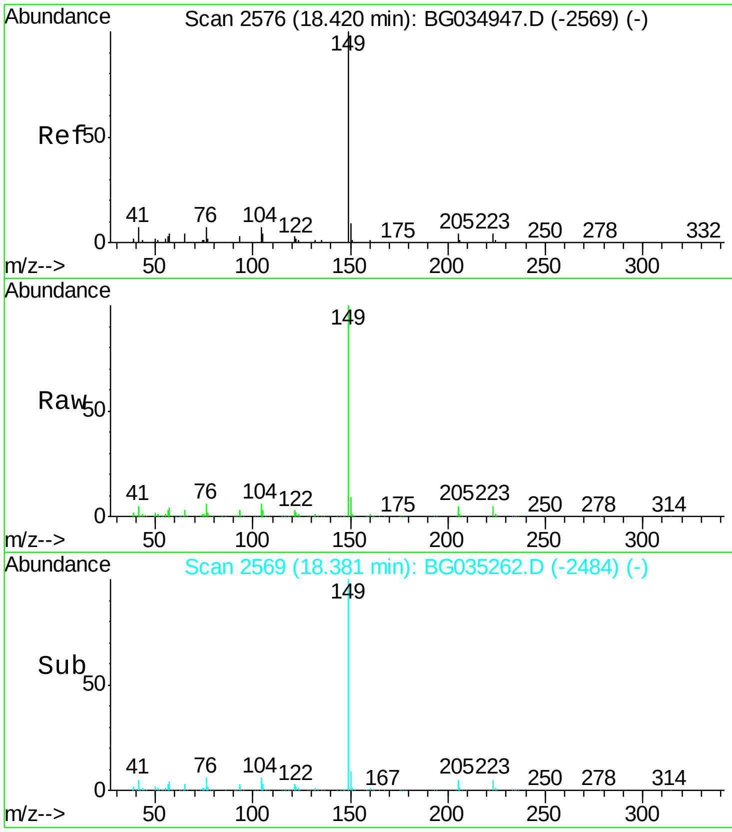
#72
Carbazole
Concen: 36.317 ng
RT: 17.83 min   Scan# 2475
Delta R.T.   -0.01 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Tgt Ion:167 Resp: 651458

Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.2	27.4
139	12.2	9.4	14.2



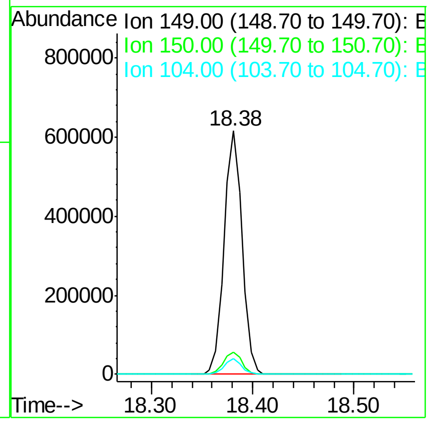
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

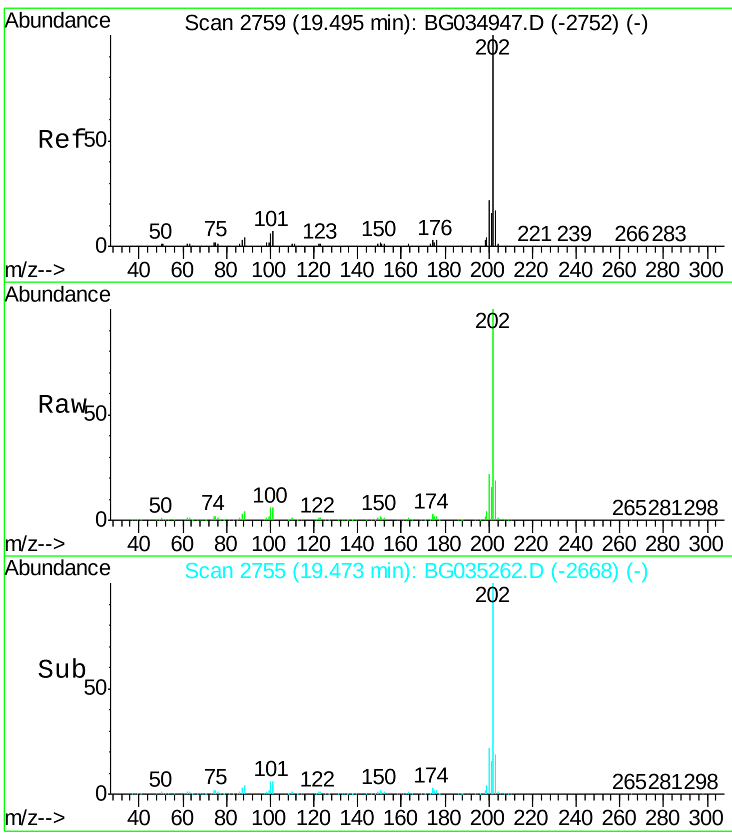


#73
Di-n-butylphthalate
Concen: 35.280 ng
RT: 18.38 min Scan# 2569
Delta R.T. -0.03 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:149 Resp: 754299

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	6.2	3.9	5.9#

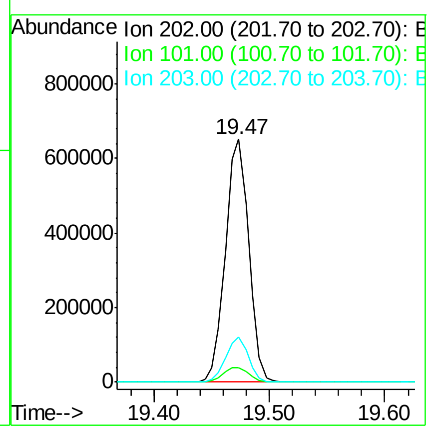


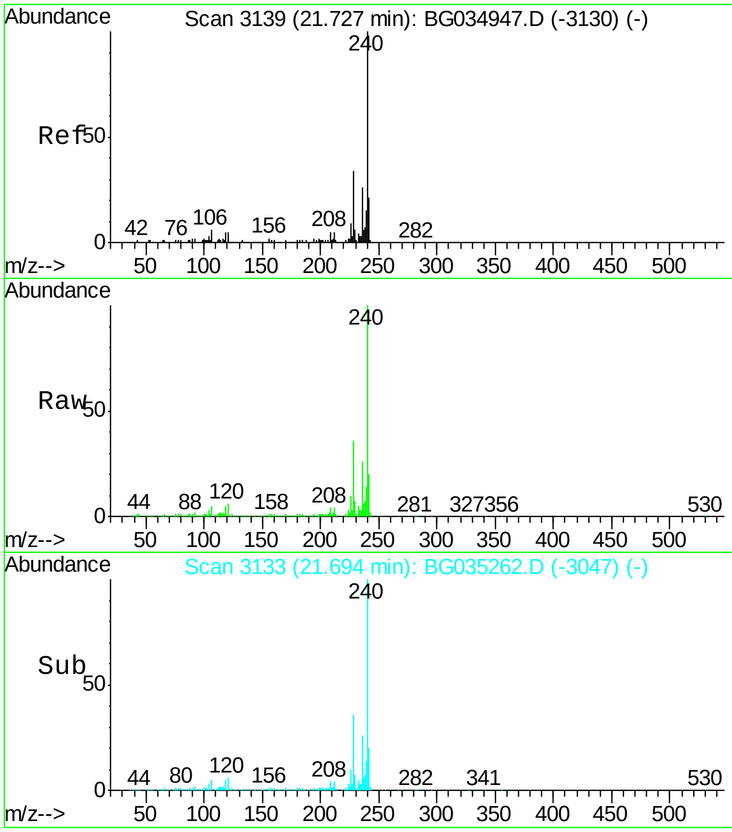


#74
Fluoranthene
Concen: 36.383 ng
RT: 19.47 min Scan# 2755
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:202 Resp: 913758

Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	28.9
203	18.7	0.0	37.5



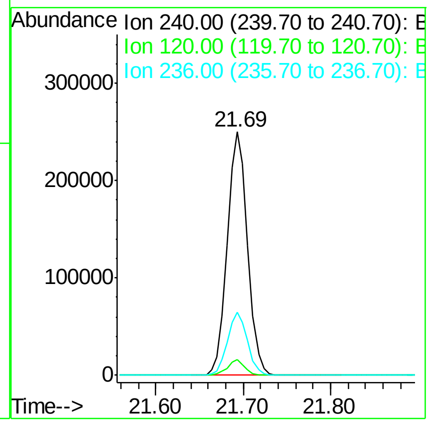


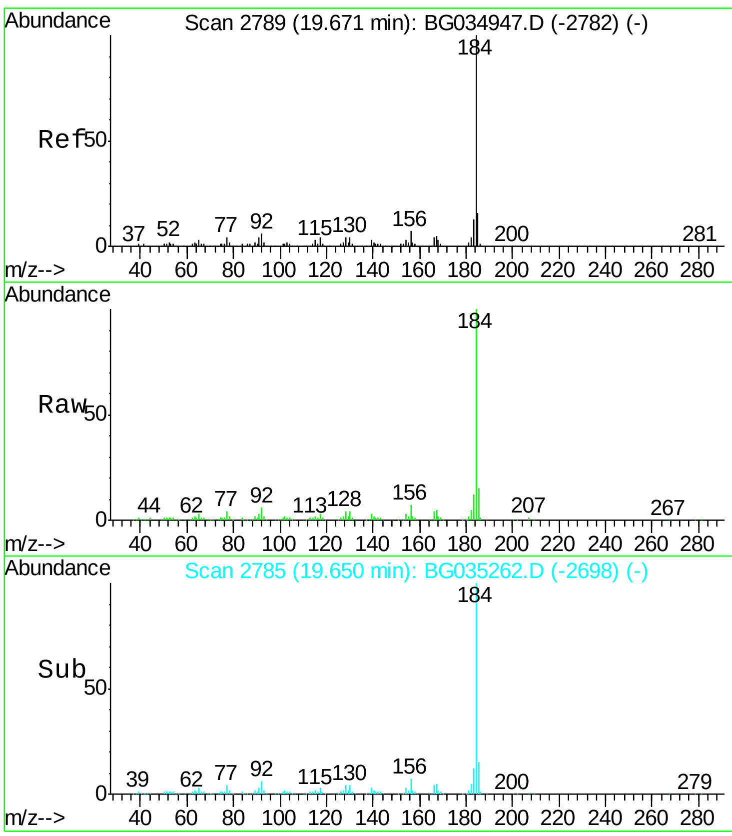
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min   Scan# 3133
Delta R.T.   -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Tgt Ion:240 Resp: 397639

Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.8	10.2#
236	25.9	20.9	31.3

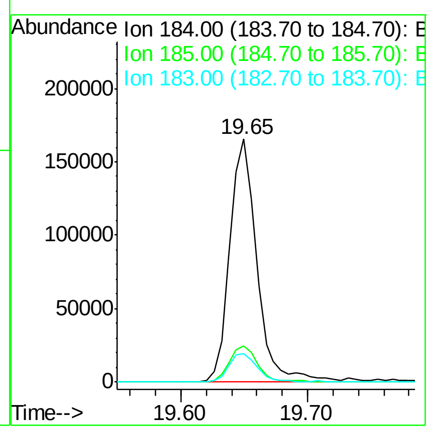


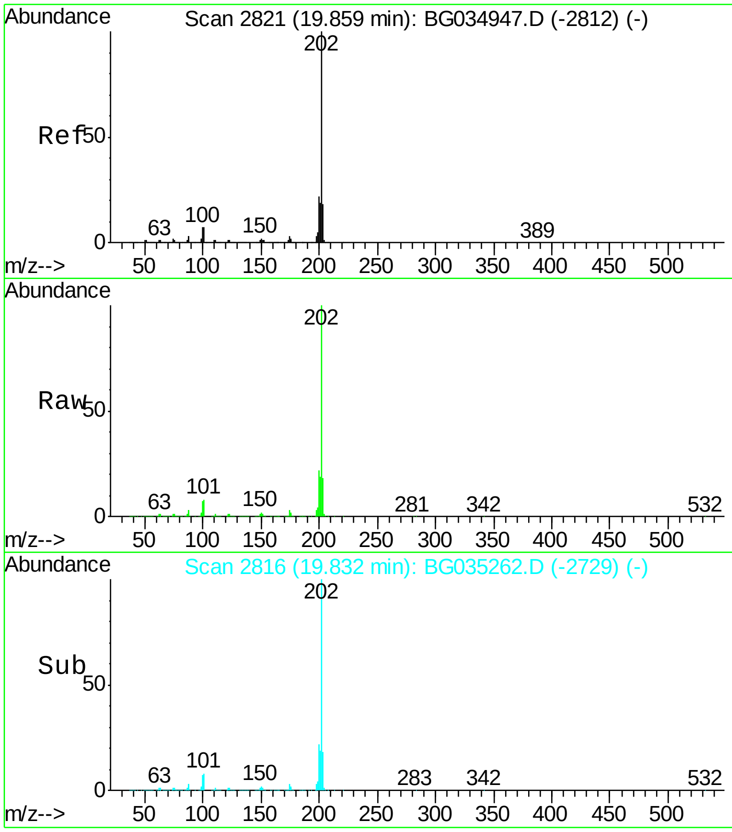


#76
Benzidine
Concen: 16.604 ng
RT: 19.65 min   Scan# 2785
Delta R.T.   -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Tgt Ion:184 Resp: 245631

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.1	16.7
183	11.6	10.6	16.0



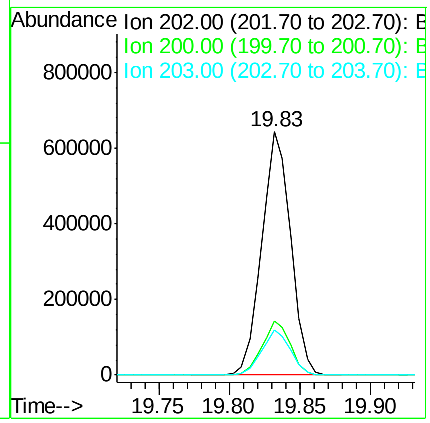


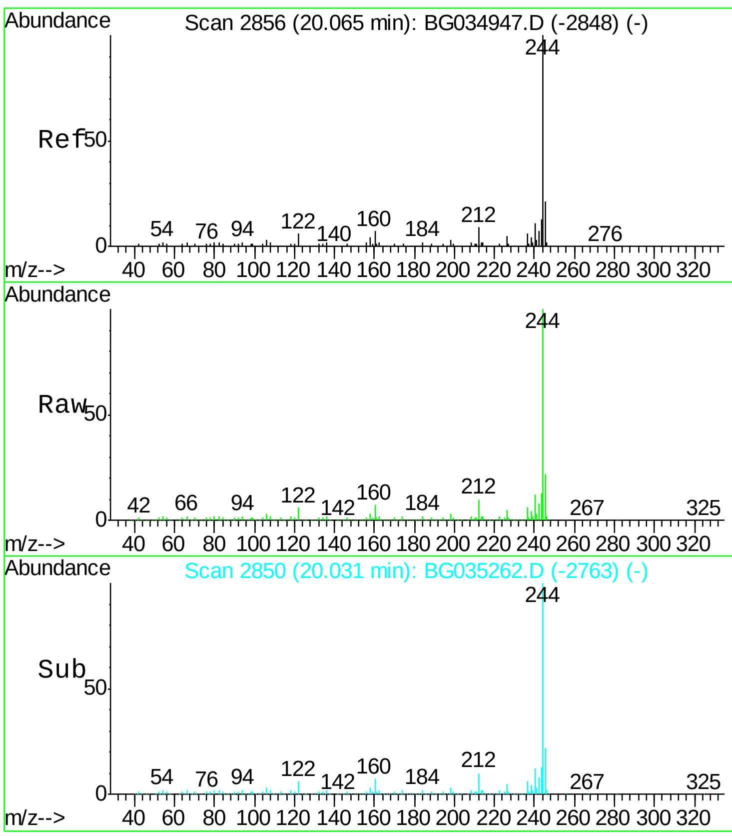
#77
Pyrene
Concen: 35.503 ng
RT: 19.83 min Scan# 2816
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 930687

Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.9	25.3
203	18.4	13.9	20.9

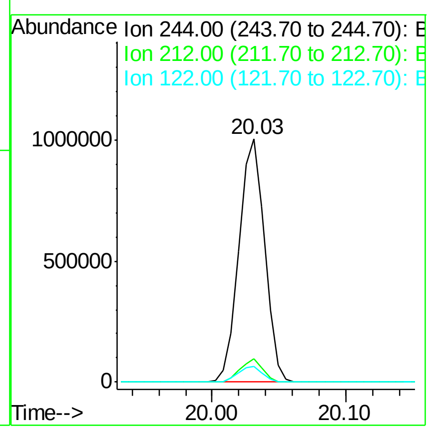


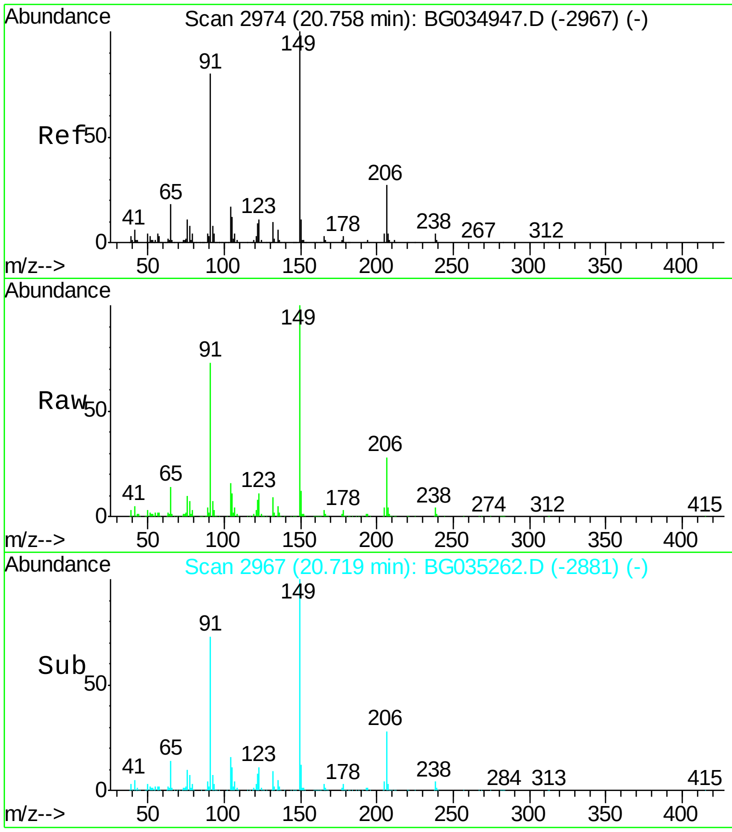


#78
Terphenyl-d14
Concen: 70.833 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:244 Resp: 1344648

Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	6.5	7.0	10.4#



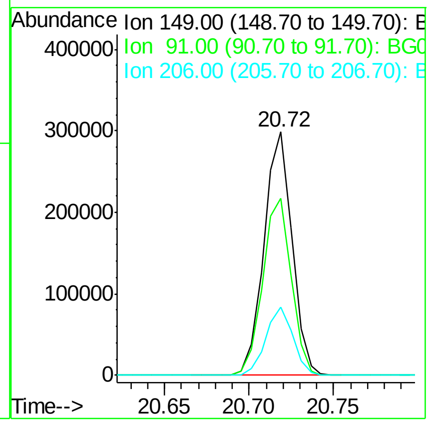


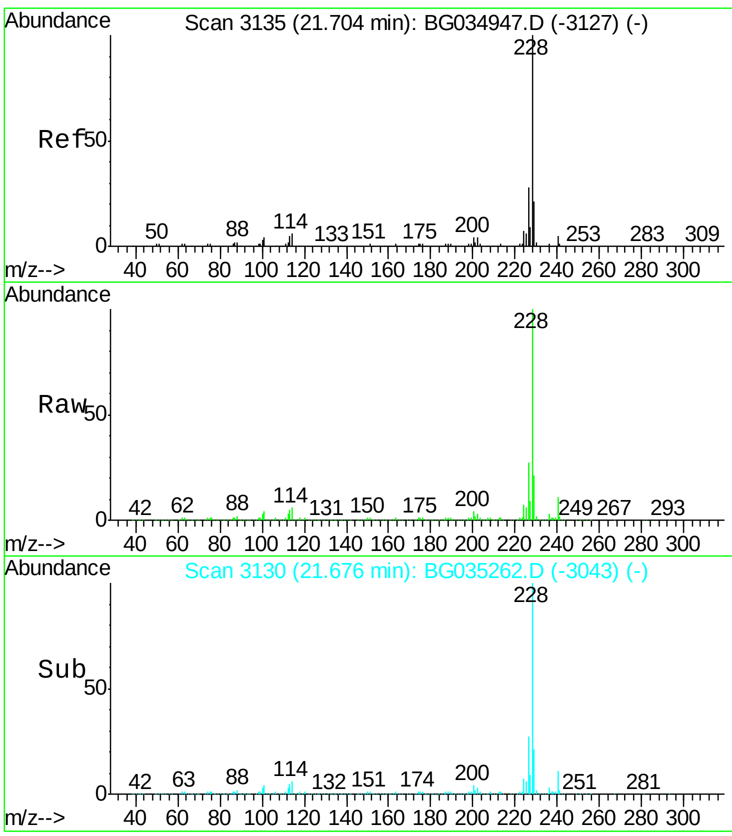
#79
Butylbenzylphthalate
Concen: 36.017 ng
RT: 20.72 min   Scan# 2967
Delta R.T.   -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 342835

Ion	Ratio	Lower	Upper
149	100		
91	72.5	62.2	93.2
206	27.9	18.6	27.8#

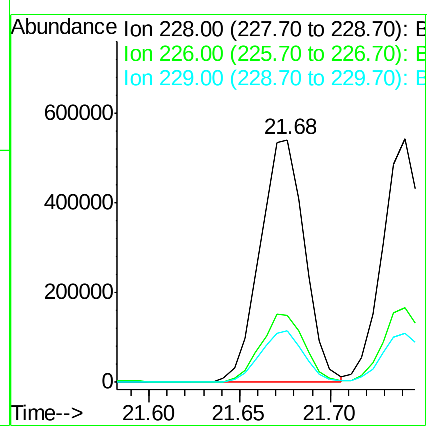




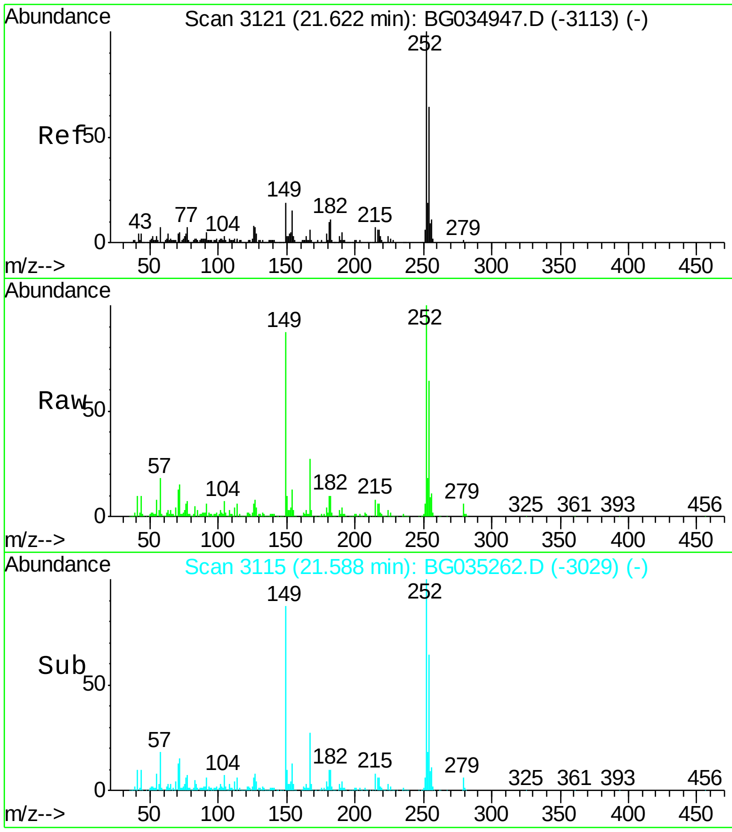
#80
Benzo(a)anthracene
Concen: 36.476 ng
RT: 21.68 min   Scan# 3130
Delta R.T.   -0.02 min
Lab File: BG035262.D
Acq: 20 Jun 2018   11:43

Tgt Ion:228 Resp: 926857

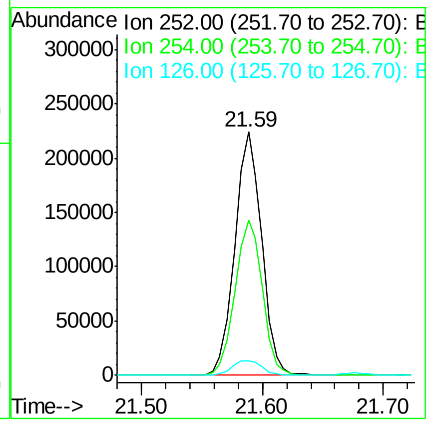
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	21.3	16.2	24.2

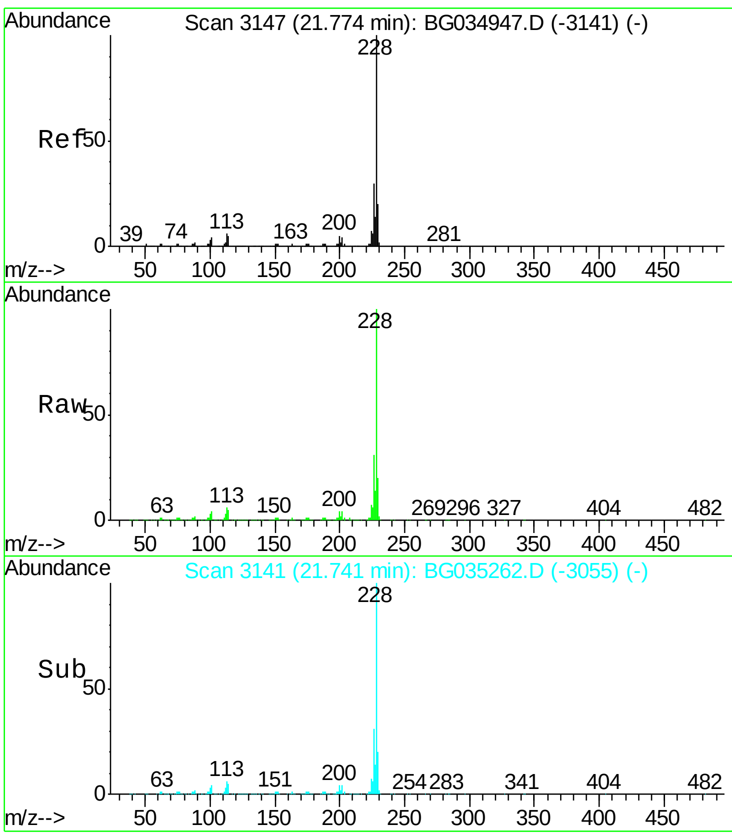


Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

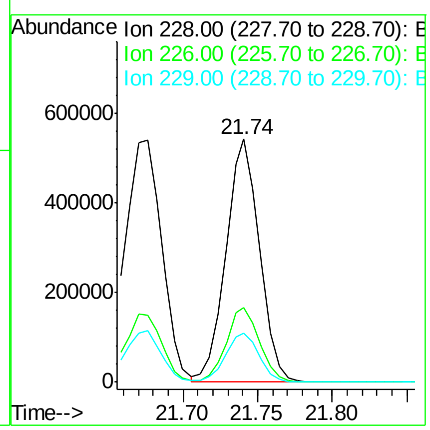


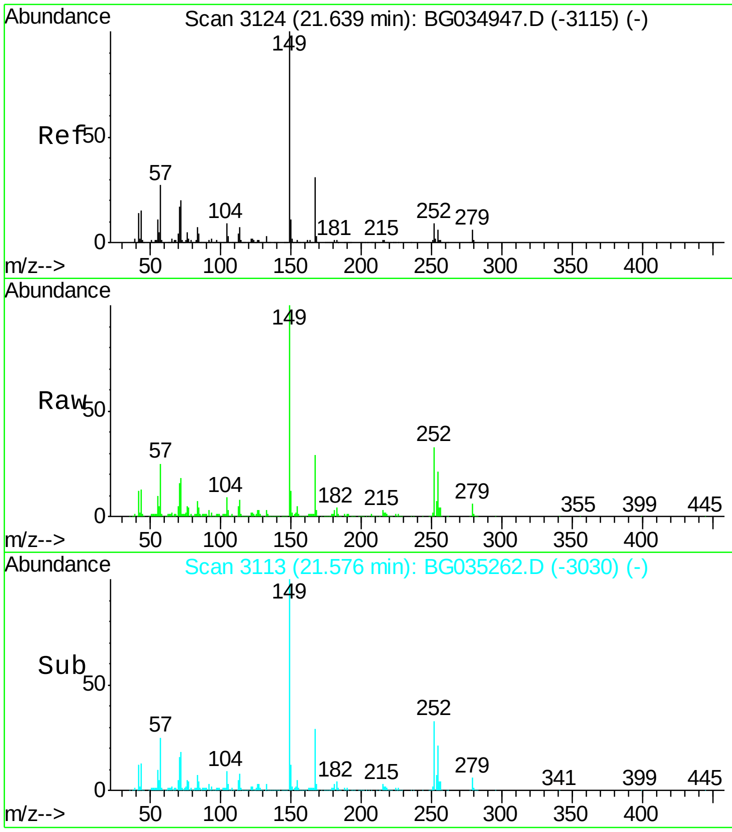

```
#81
3,3'-Dichlorobenzidine
Concen:    36.283 ng
RT: 21.59 min   Scan# 3115
Delta R.T.    -0.02 min
Lab File:    BG035262.D
Acq: 20 Jun 2018  11:43

Tgt Ion:252 Resp:   346863
Ion  Ratio  Lower  Upper
252  100
254   63.9   50.8   76.2
126    6.1    7.4   11.2#
```

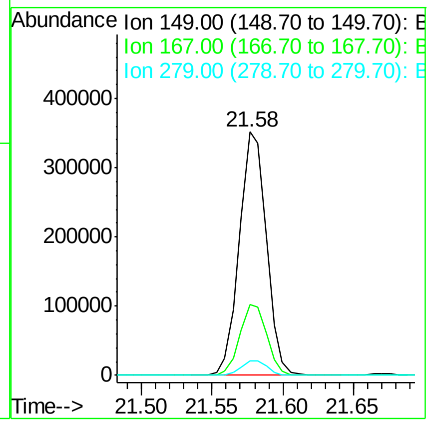





```
#82
Chrysene
Concen:    36.537 ng
RT: 21.74 min   Scan# 3141
Delta R.T.    -0.02 min
Lab File:    BG035262.D
Acq: 20 Jun 2018  11:43

Tgt Ion:228 Resp:   850033
Ion  Ratio  Lower  Upper
228  100
226   30.6   24.9   37.3
229   20.0   15.0   22.4
```





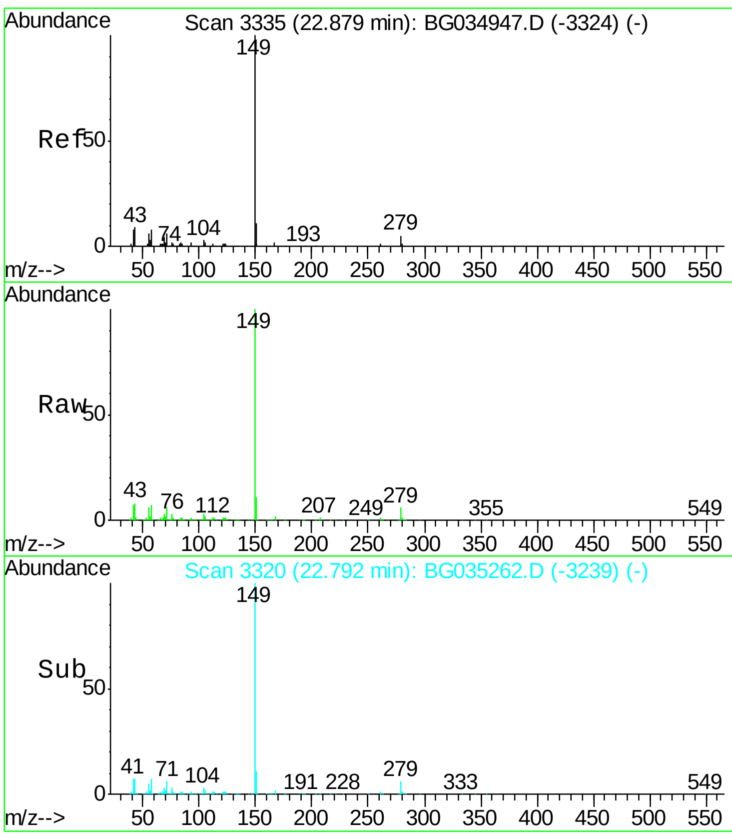


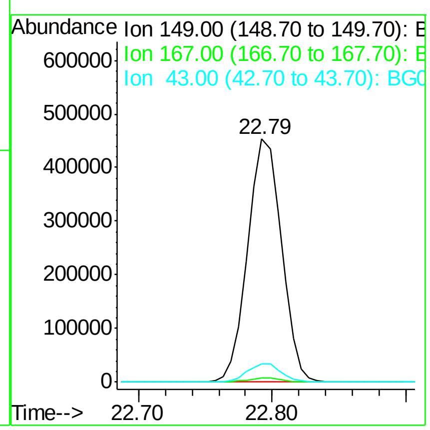
#83
Bis(2-ethylhexyl)phthalate
Concen: 34.991 ng
RT: 21.58 min Scan# 3113
Delta R.T. -0.04 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 470627

Ion	Ratio	Lower	Upper
149	100		
167	28.9	24.3	36.5
279	6.0	4.0	6.0#



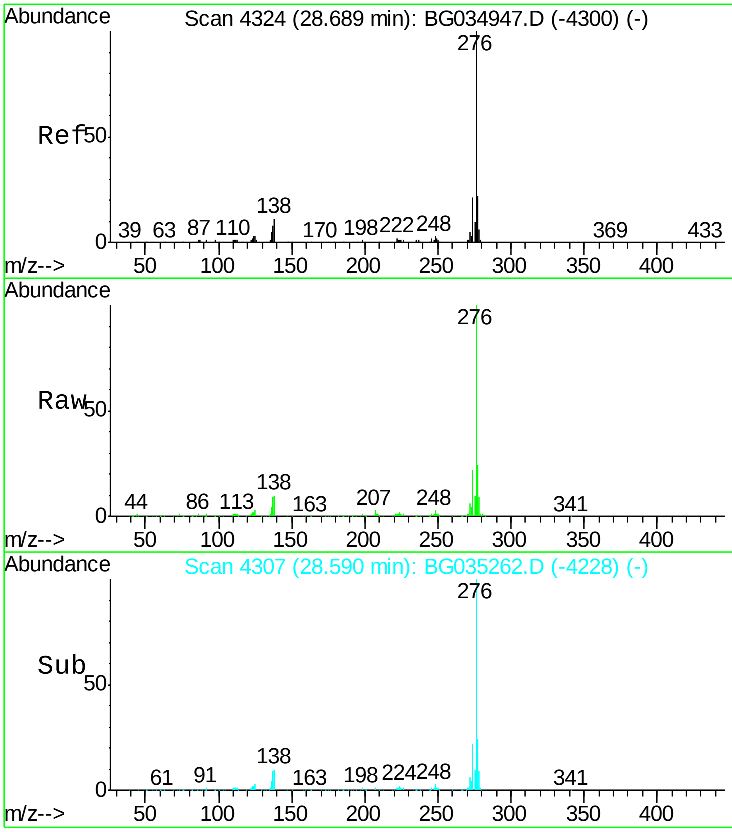


#84
Di-n-octyl phthalate
Concen: 34.437 ng
RT: 22.79 min Scan# 3320
Delta R.T. -0.05 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

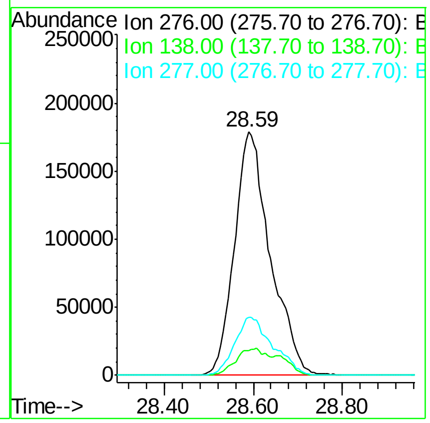
Tgt Ion:149 Resp: 794625

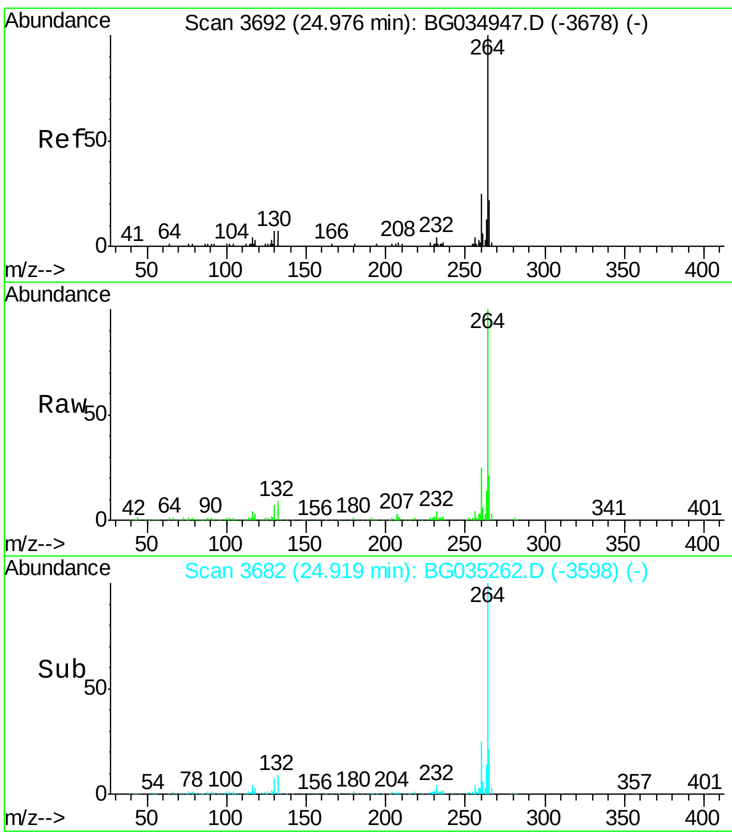
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.4	8.9	13.3#

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

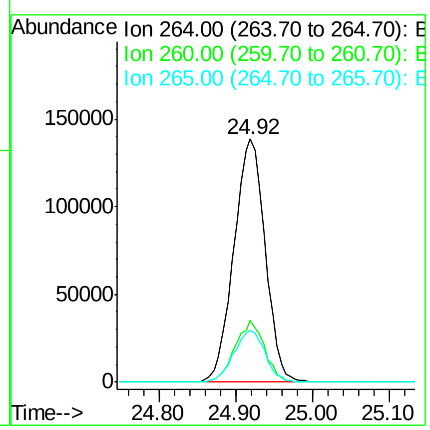


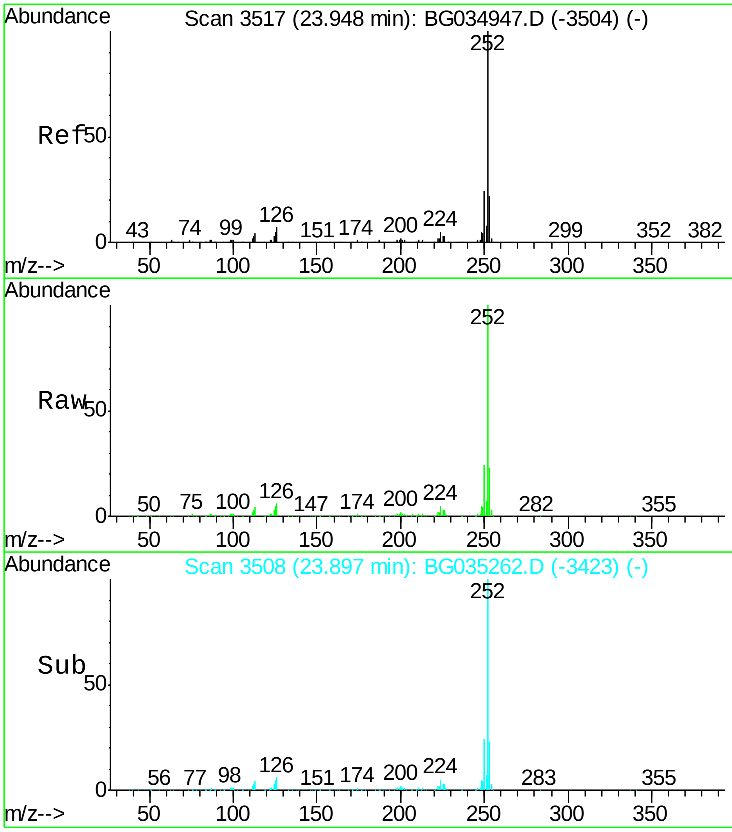

```
#85
Indeno(1,2,3-cd)pyrene
Concen:   36.767 ng
RT: 28.59 min  Scan# 4307
Delta R.T.   -0.06 min
Lab File:   BG035262.D
Acq: 20 Jun 2018  11:43

Tgt Ion:276 Resp: 1001815
Ion  Ratio  Lower  Upper
276  100
138    9.9   16.0   24.0#
277   25.4   20.0   30.0
```






```
#86
Perylene-d12
Concen:   20.000 ng
RT: 24.92 min  Scan# 3682
Delta R.T.   -0.03 min
Lab File:   BG035262.D
Acq: 20 Jun 2018  11:43

Tgt Ion:264 Resp:  394130
Ion  Ratio  Lower  Upper
264  100
260   25.3   17.4   26.0
265   21.0   17.7   26.5
```



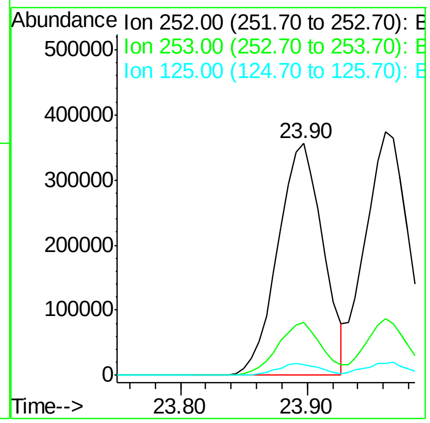


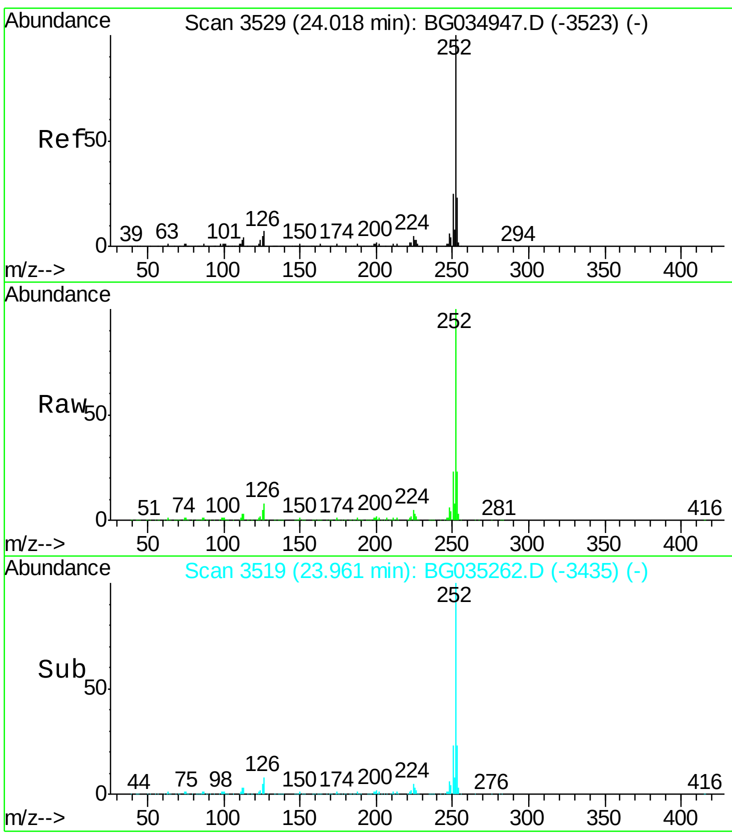
#87
Benzo(b)fluoranthene
Concen: 36.237 ng
RT: 23.90 min Scan# 3508
Delta R.T. -0.03 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 879512

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	4.7	7.2	10.8#

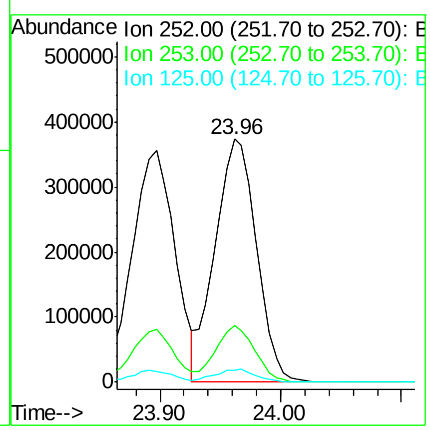


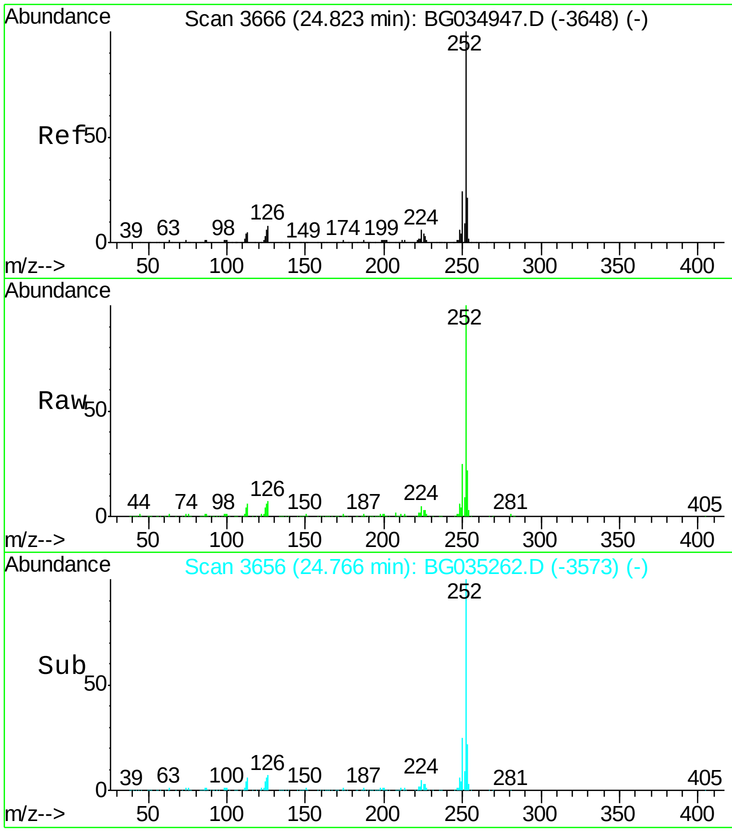


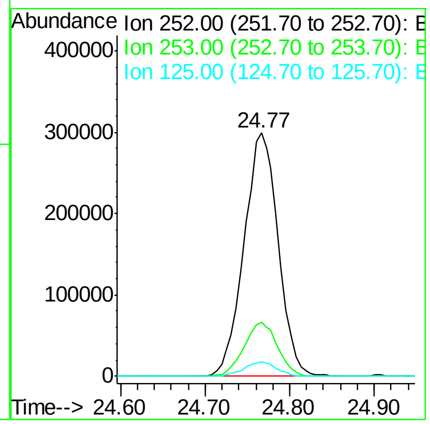
#88
Benzo(k)fluoranthene
Concen: 37.205 ng
RT: 23.96 min Scan# 3519
Delta R.T. -0.03 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:252 Resp: 883340

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	4.8	6.6	9.8#



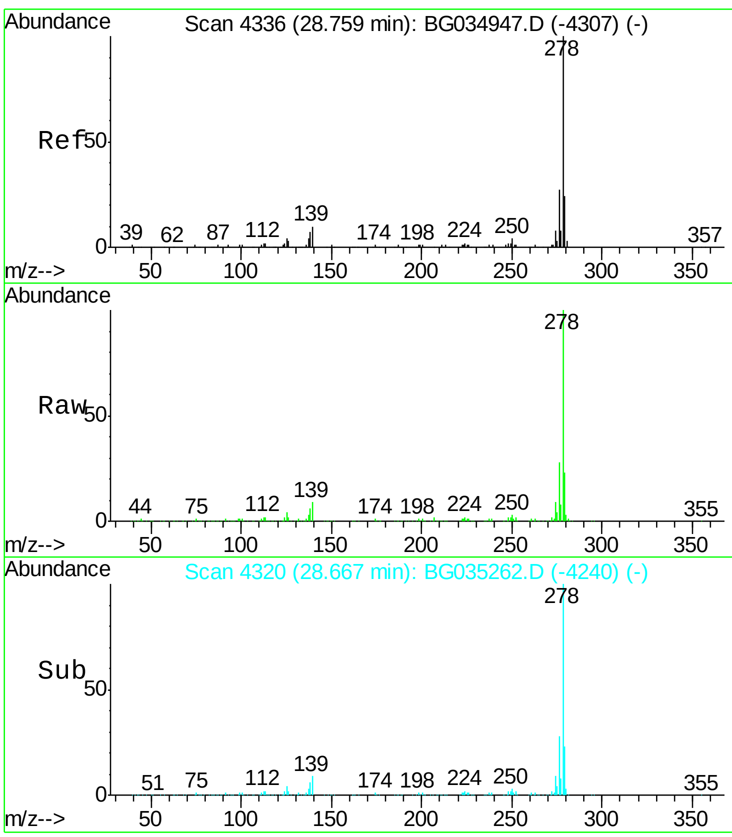


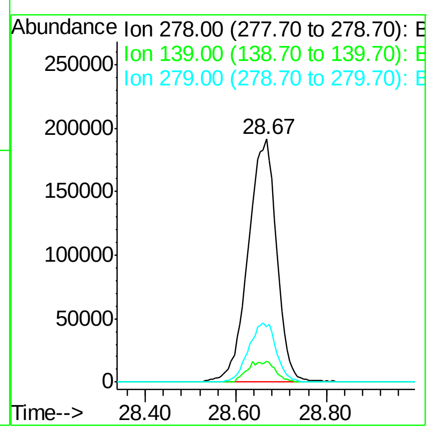


#89
Benzo(a)pyrene
Concen: 36.907 ng
RT: 24.77 min Scan# 3656
Delta R.T. -0.04 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

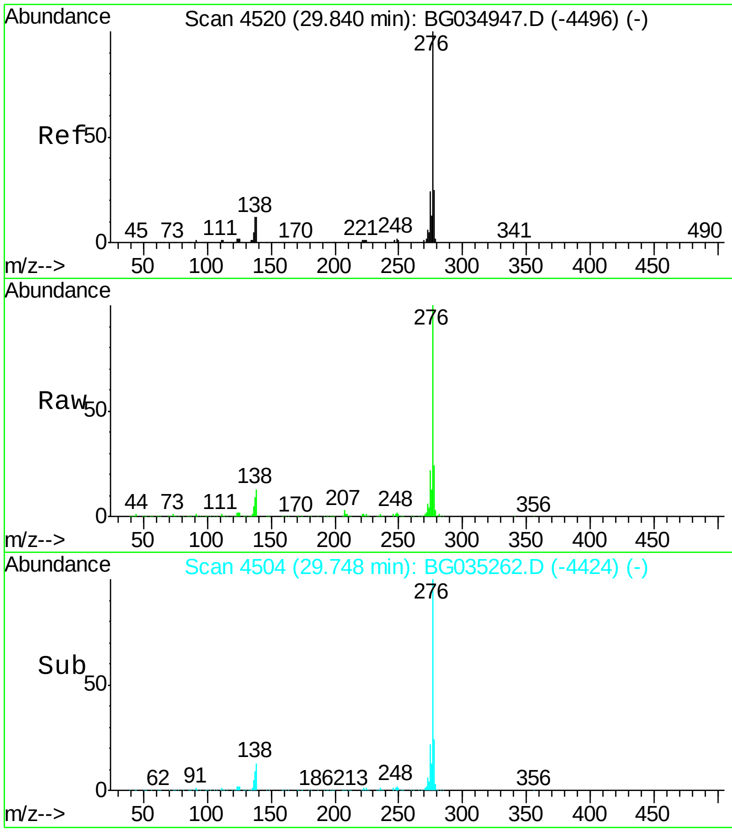
Tgt Ion:252	Resp:	842901	
Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	5.8	7.3	10.9#





#90
Dibenzo(a,h)anthracene
Concen: 37.166 ng
RT: 28.67 min Scan# 4320
Delta R.T. -0.06 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Tgt Ion:278	Resp:	837923	
Ion	Ratio	Lower	Upper
278	100		
139	8.7	9.8	14.6#
279	22.6	18.4	27.6



#91
Benzo(g,h,i)perylene
Concen: 36.844 ng
RT: 29.75 min Scan# 4504
Delta R.T. -0.06 min
Lab File: BG035262.D
Acq: 20 Jun 2018 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 812944

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.3	27.5
138	13.0	13.9	20.9#