Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017019.D
Acq On : 10 May 2015 10:50
Operator : TP/IZ
Sample : G2171-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DCW-WW-131-5515

Quant Time: May 19 07:35:08 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	58531	20.00	ng		-0.01
21) Naphthalene-d8	10.58	136	283368	20.00	ng		-0.02
38) Acenaphthene-d10	14.43	164	191285	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	414134	20.00	ng		-0.02
75) Chrysene-d12	21.34	240	394295	20.00	ng		-0.03
86) Perylene-d12	23.64	264	383154	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	224057	66.65	ng		0.00
7) Phenol-d6	6.97	99	203772	42.43	ng		0.00
23) Nitrobenzene-d5	8.95	82	503444	86.79	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	296230	154.26	ng		-0.01
44) 2-Fluorobiphenyl	13.05	172	1078255	85.06	ng		-0.02
78) Terphenyl-d14	19.80	244	1606077	95.49	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.94	77	11188	2.81	ng	#	1
12) 1,3-Dichlorobenzene	7.82	146	24142	5.62	ng		95
13) 1,4-Dichlorobenzene	7.82	146	24144	5.55	ng		94
14) 1,2-Dichlorobenzene	8.14	146	10678	2.56	ng		97
17) 2-Methylphenol	8.24	107	9261	2.55	ng		92
18) Hexachloroethane	8.89	117	9616	5.38	ng	#	1
22) Acetophenone	8.60	105	14313	2.12	ng	#	91
28) bis(2-Chloroethoxy)methane	10.00	93	48190	8.15	ng	#	1
30) 1,2,4-Trichlorobenzene	10.44	180	150384	34.78	ng		92
31) Naphthalene	10.63	128	1583335	112.34	ng		98
32) Benzoic acid	9.80	122	4476	2.24	ng	#	14
33) 4-Chloroaniline	10.70	127	26751	4.11	ng		96
37) 2-Methylnaphthalene	12.24	142	186775	17.40	ng		97
51) Acenaphthene	14.49	154	32052	2.85	ng		95
56) 2,4-Dinitrotoluene	14.79	165	24840	6.55	ng	#	97
57) Fluorene	15.47	166	35007	2.48	ng		99
59) Diethylphthalate	15.25	149	51507	3.42	ng		95

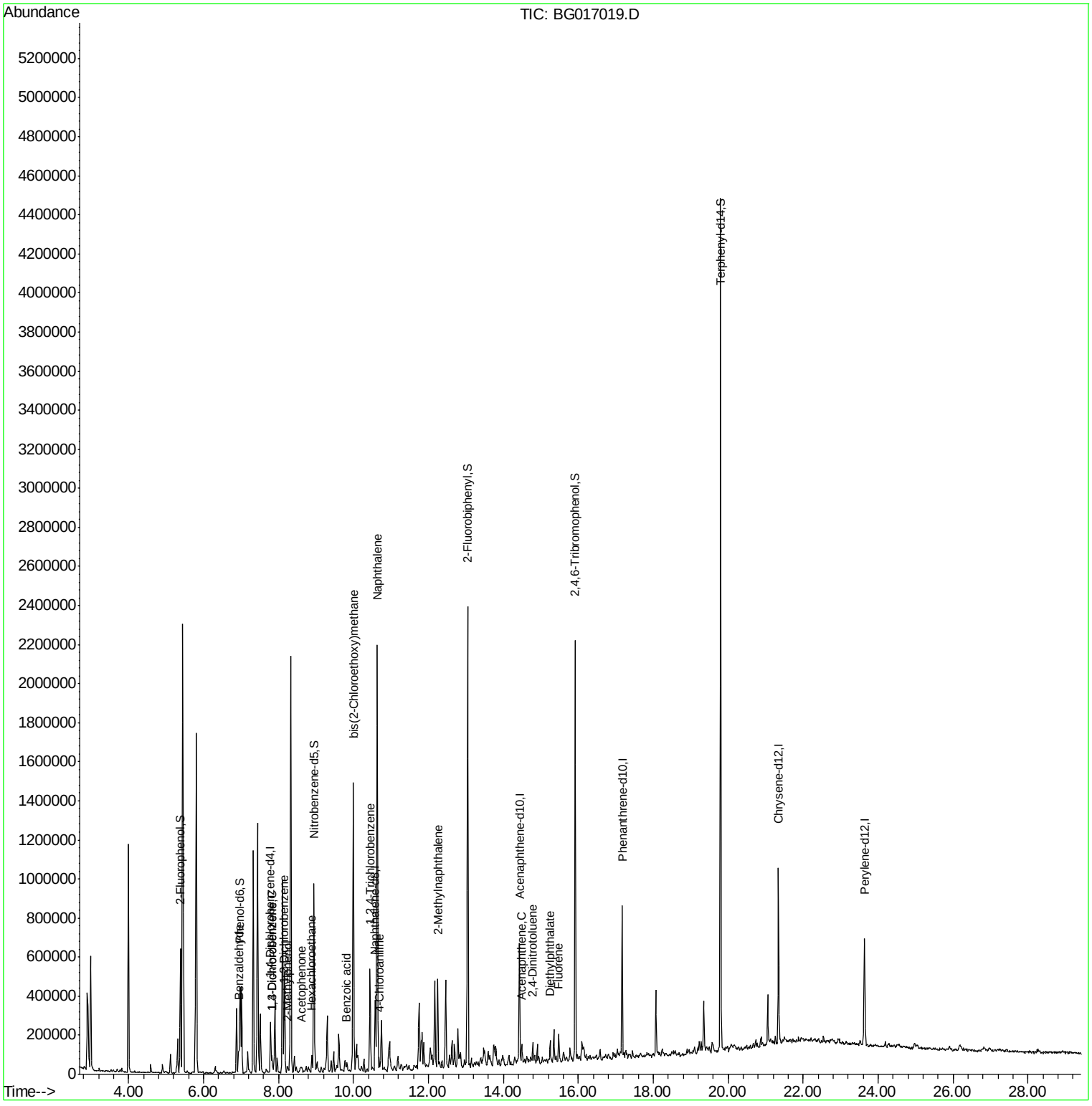
(#) = qualifier out of range (m) = manual integration (+) = signals summed

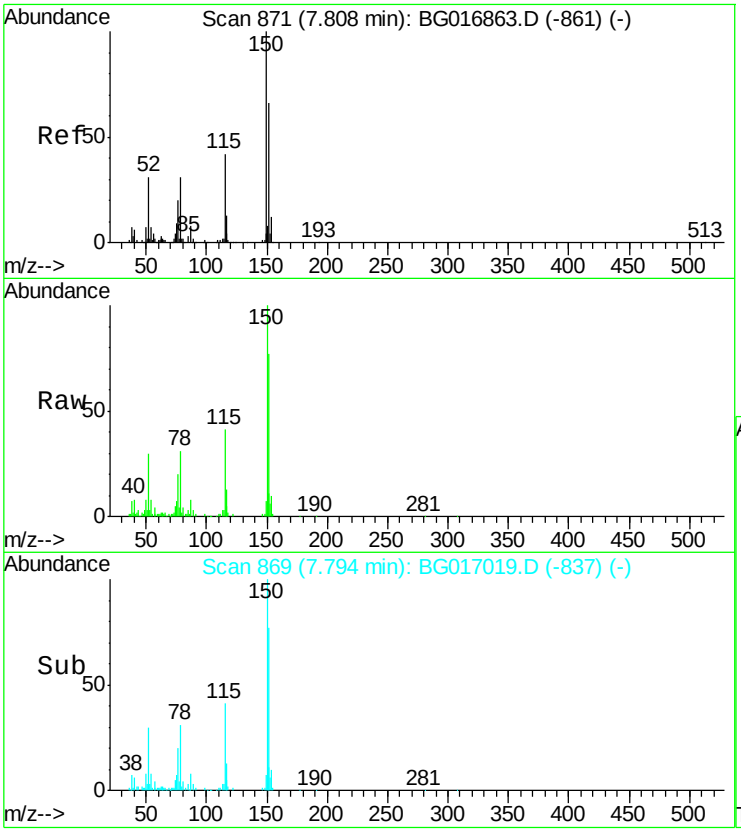
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017019.D
Acq On : 10 May 2015 10:50
Operator : TP/IZ
Sample : G2171-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DCW-WW-131-5515

Quant Time: May 19 07:35:08 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration



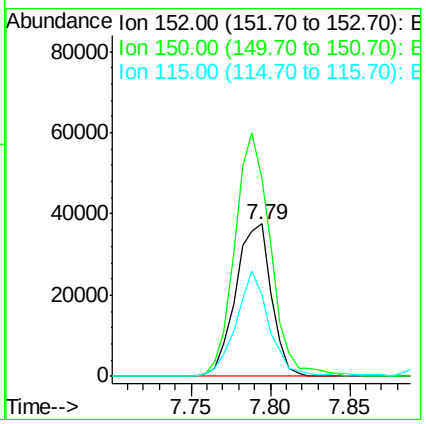


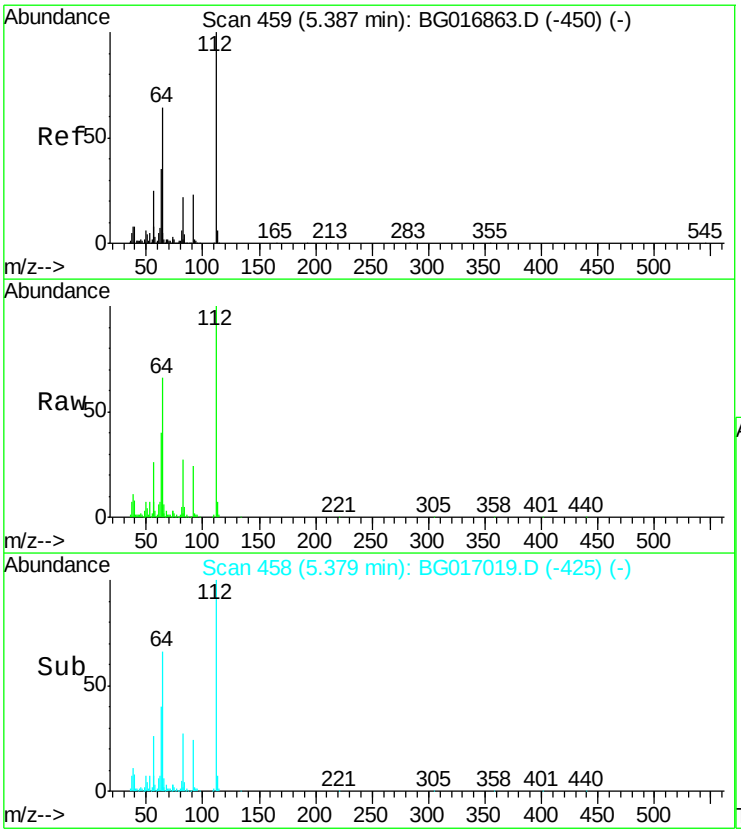
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515

Tgt Ion:152 Resp: 58531

Ion	Ratio	Lower	Upper
152	100		
150	129.3	121.0	181.4
115	53.4	50.5	75.7

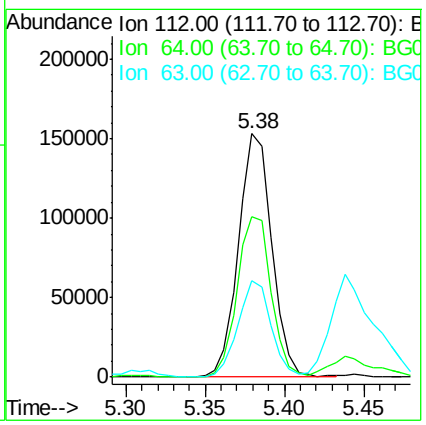


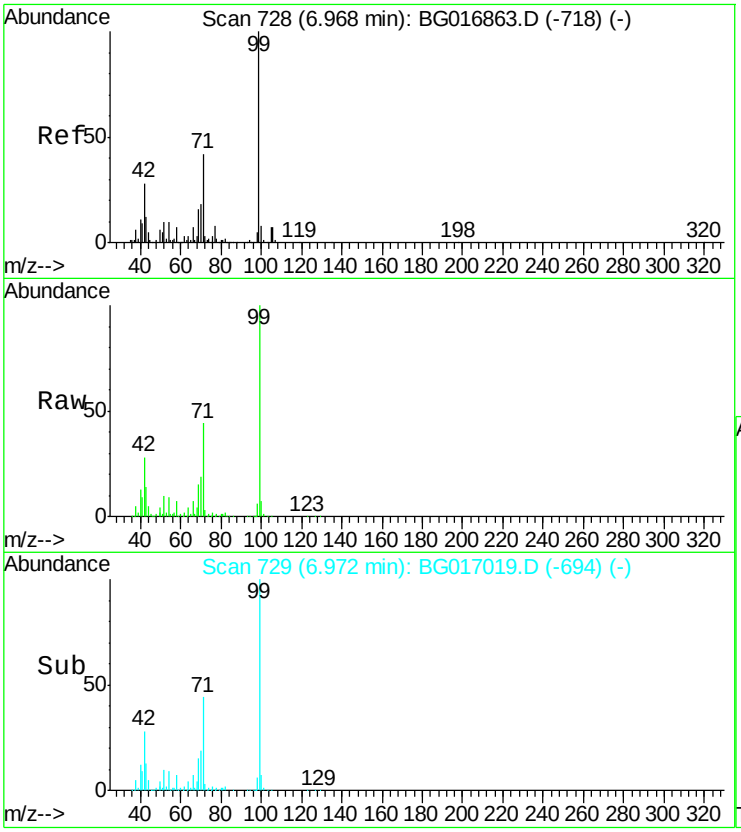


#5
2-Fluorophenol
Concen: 66.65 ng
RT: 5.38 min Scan# 458
Delta R.T. -0.01 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Tgt Ion:112 Resp: 224057

Ion	Ratio	Lower	Upper
112	100		
64	65.9	51.4	77.2
63	39.8	28.1	42.1



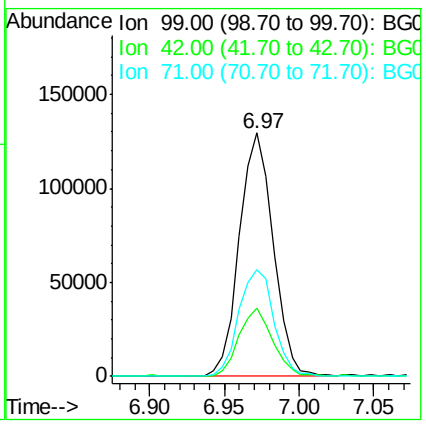


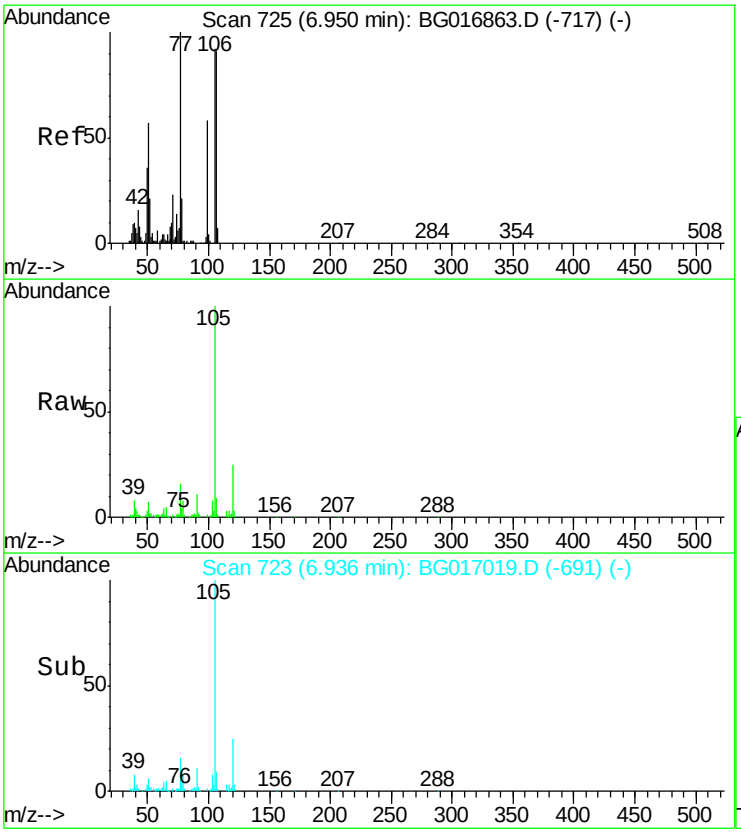
#7
Phenol-d6
Concen: 42.43 ng
RT: 6.97 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515

Tgt Ion: 99 Resp: 203772

Ion	Ratio	Lower	Upper
99	100		
42	28.2	22.1	33.1
71	43.7	33.4	50.0

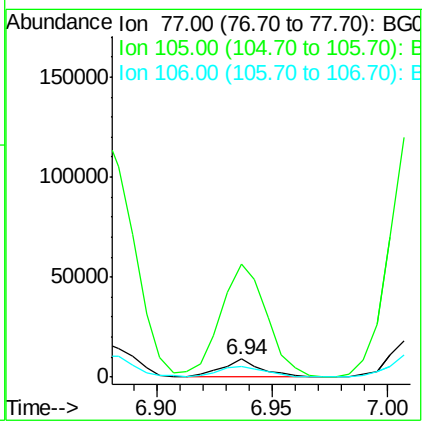


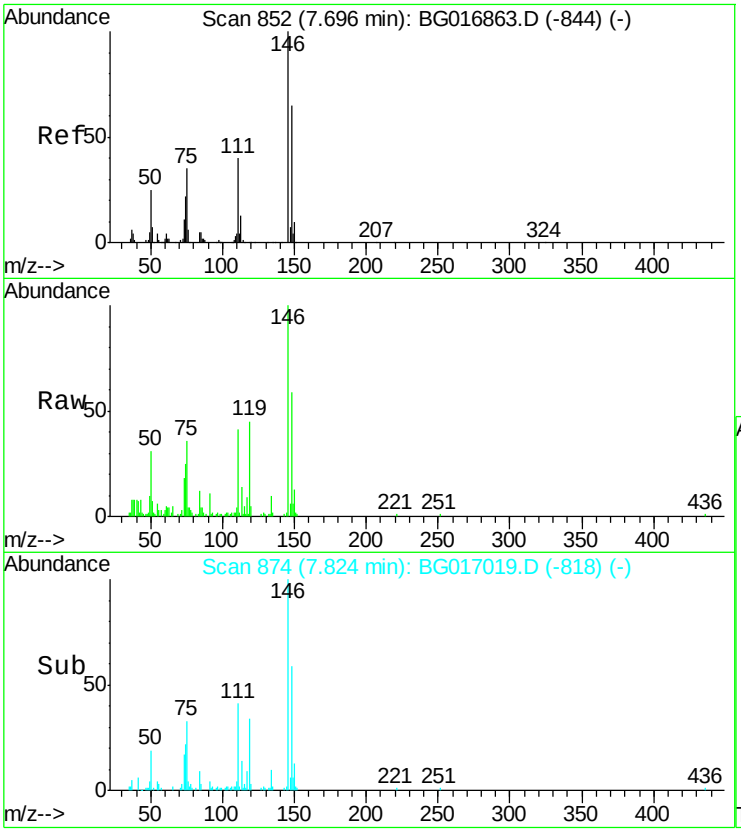


#9
Benzaldehyde
Concen: 2.81 ng
RT: 6.94 min Scan# 723
Delta R.T. -0.01 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Tgt Ion: 77 Resp: 11188

Ion	Ratio	Lower	Upper
77	100		
105	621.9	71.6	111.6#
106	56.4	71.5	111.5#



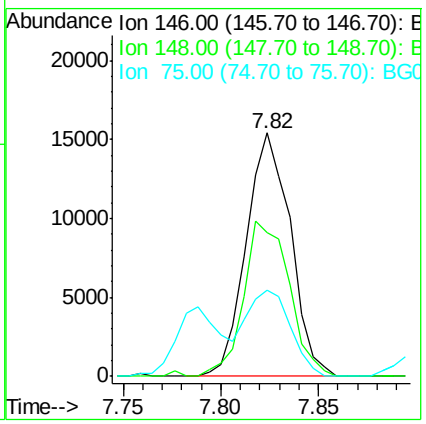


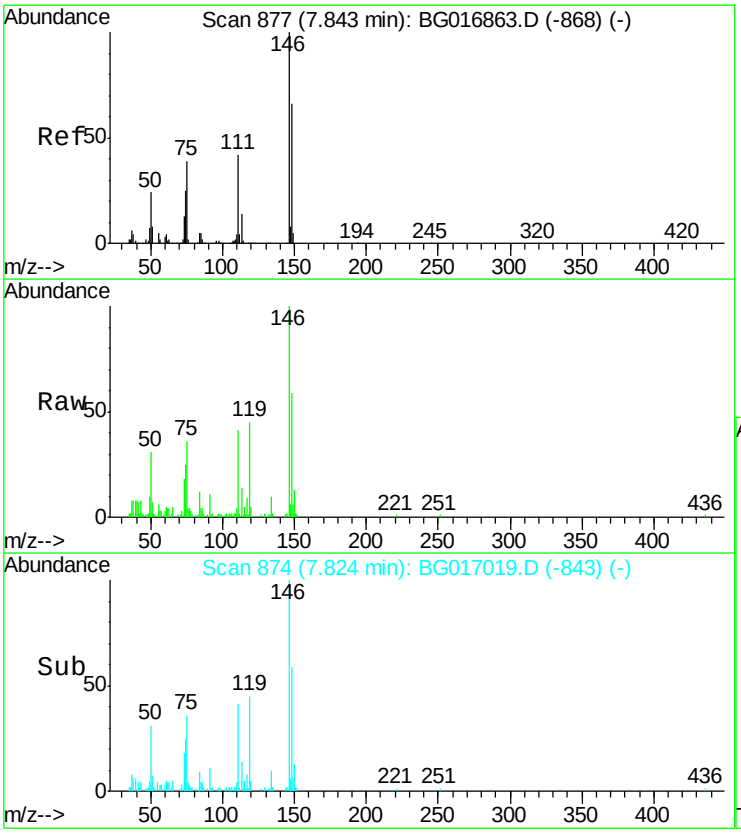
#12
1,3-Dichlorobenzene
Concen: 5.62 ng
RT: 7.82 min Scan# 874
Delta R.T. 0.13 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515

Tgt Ion:146 Resp: 24142

Ion	Ratio	Lower	Upper
146	100		
148	58.9	51.9	77.9
75	35.6	28.2	42.2

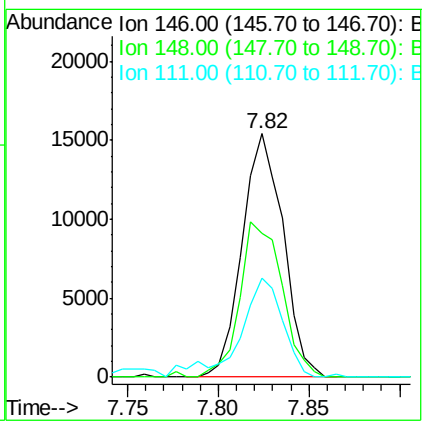


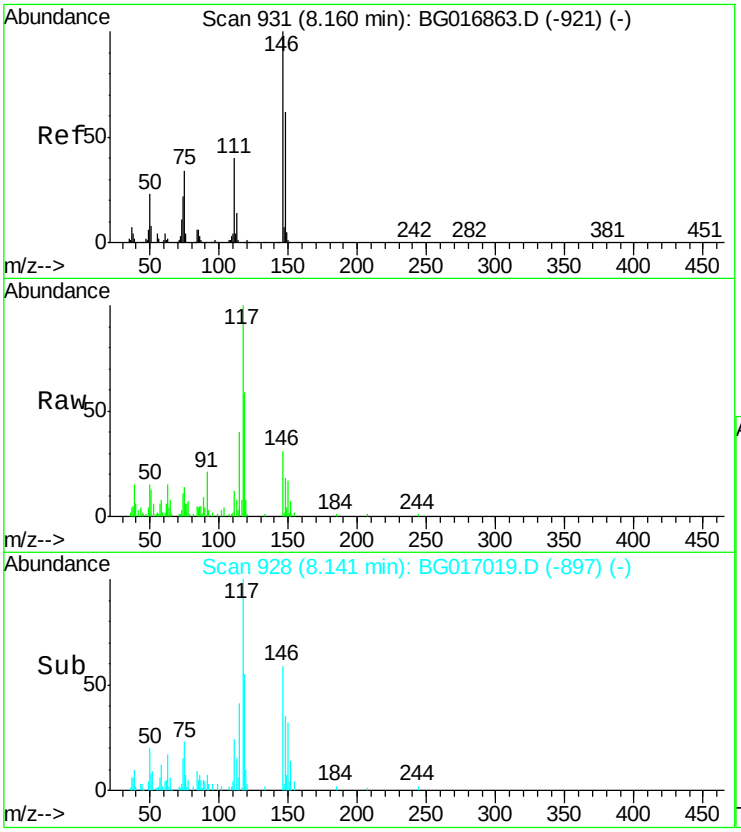


#13
1,4-Dichlorobenzene
Concen: 5.55 ng
RT: 7.82 min Scan# 874
Delta R.T. -0.02 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Tgt Ion:146 Resp: 24144

Ion	Ratio	Lower	Upper
146	100		
148	58.9	52.8	79.2
111	40.9	33.9	50.9



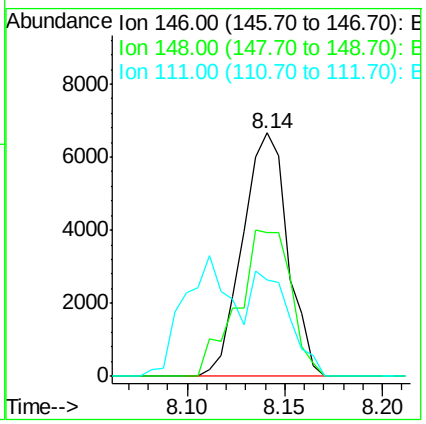


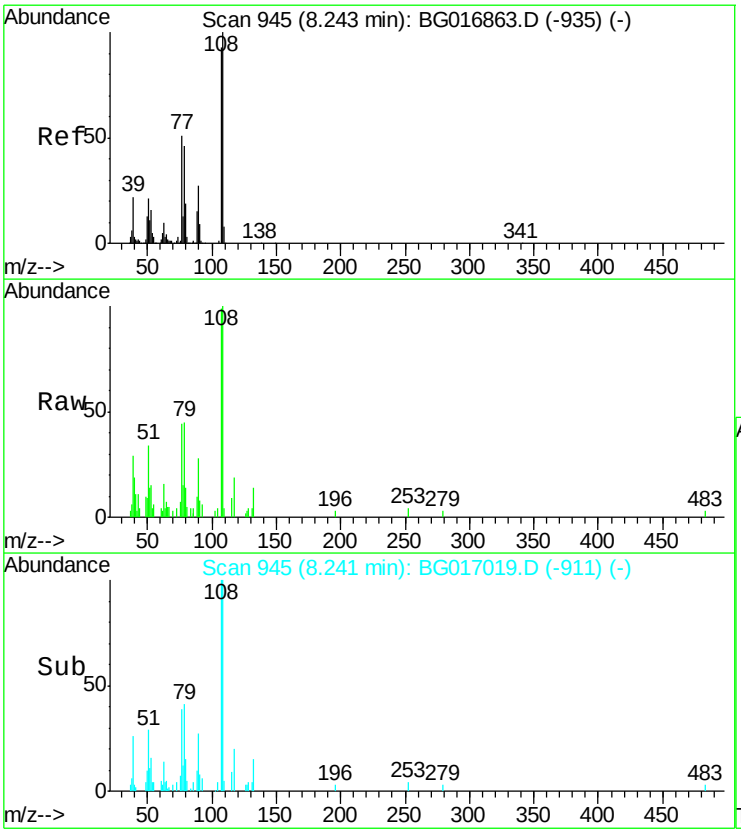
#14
1,2-Dichlorobenzene
Concen: 2.56 ng
RT: 8.14 min Scan# 928
Delta R.T. -0.02 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515

Tgt Ion:146 Resp: 10678

Ion	Ratio	Lower	Upper
146	100		
148	58.8	49.9	74.9
111	39.6	32.1	48.1

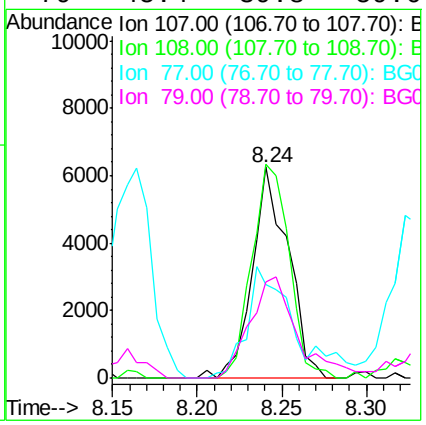


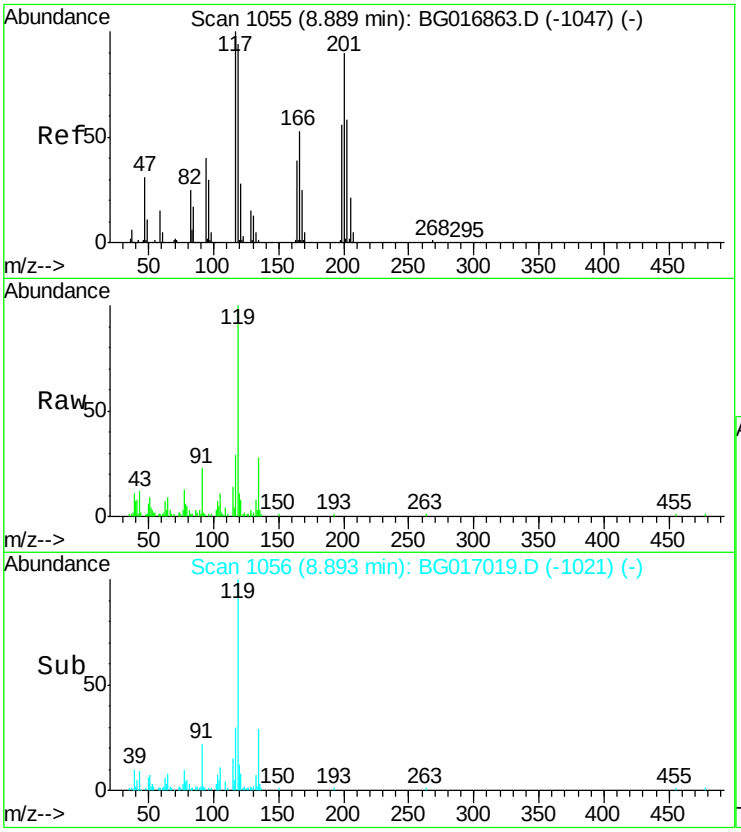


#17
2-Methylphenol
Concen: 2.55 ng
RT: 8.24 min Scan# 945
Delta R.T. -0.00 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Tgt Ion:107 Resp: 9261

Ion	Ratio	Lower	Upper
107	100		
108	101.4	85.9	128.9
77	44.5	43.8	65.6
79	45.4	39.8	59.6



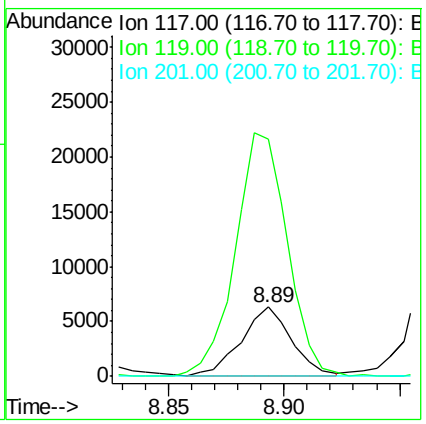


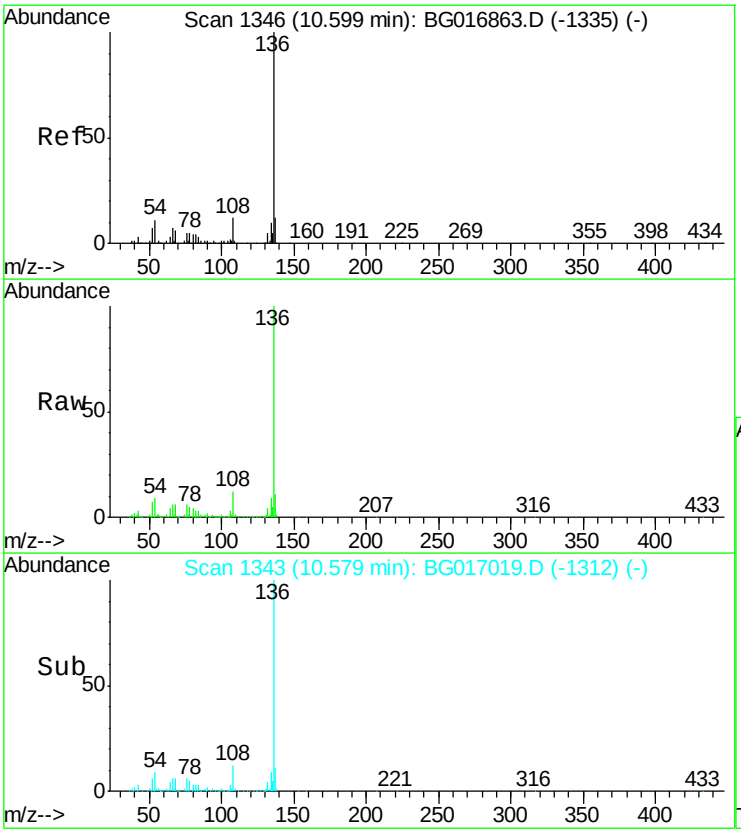
#18
Hexachloroethane
Concen: 5.38 ng
RT: 8.89 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515

Tgt Ion:117 Resp: 9616

Ion	Ratio	Lower	Upper
117	100		
119	344.1	74.8	112.2#
201	0.0	72.1	108.1#

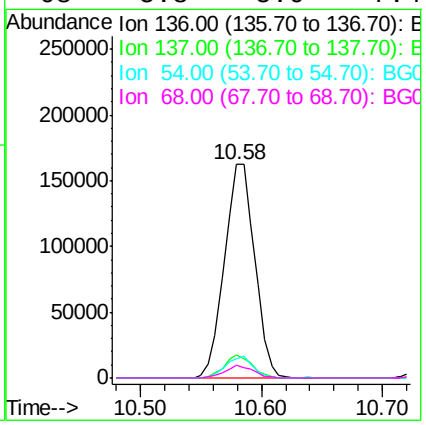


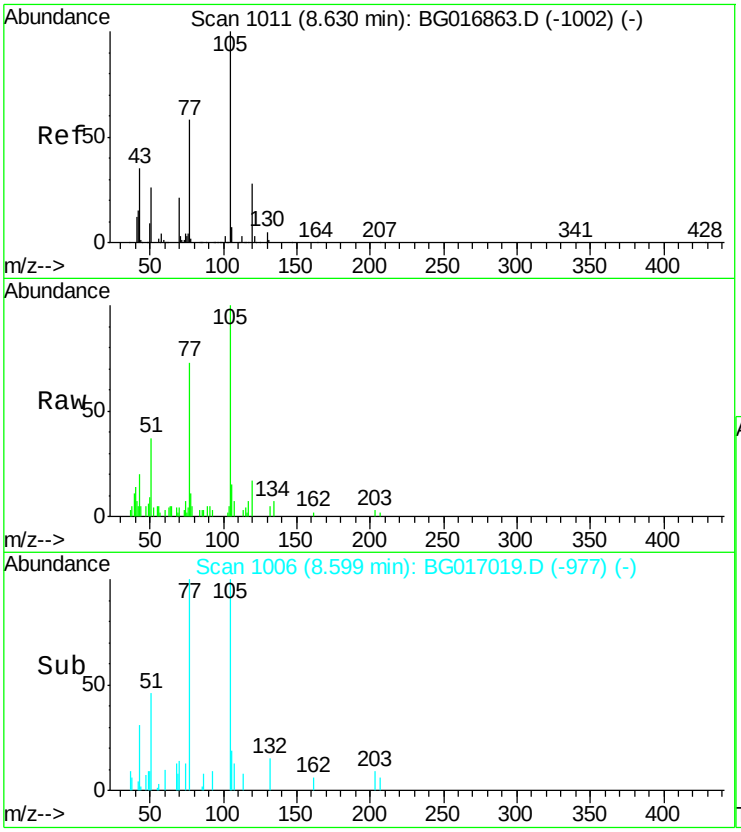


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Tgt Ion:136 Resp: 283368

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	9.2	8.7	13.1
68	5.8	5.0	7.4



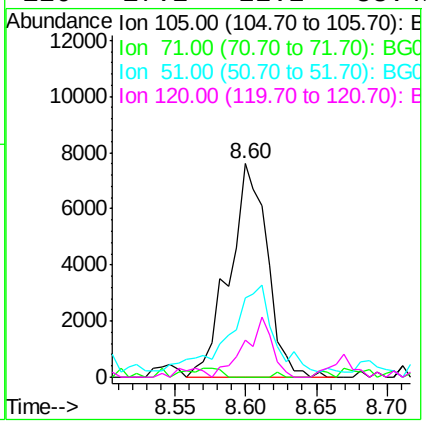


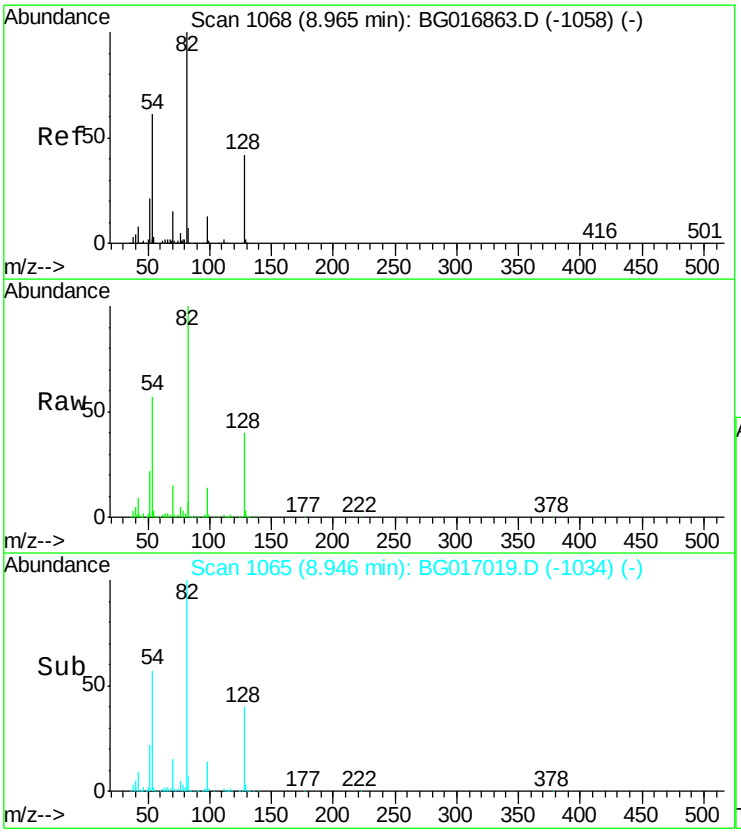
#22
Acetophenone
Concen: 2.12 ng
RT: 8.60 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515

Tgt Ion:105 Resp: 14313

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	37.3	29.4	44.2
120	17.2	22.2	33.4#

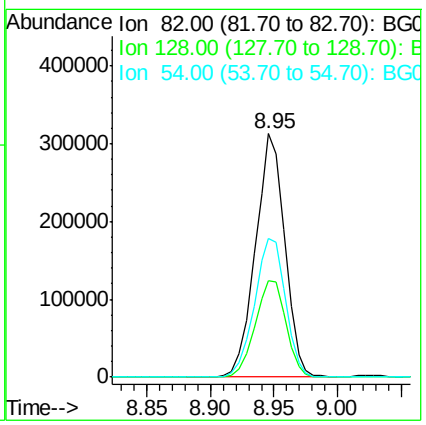


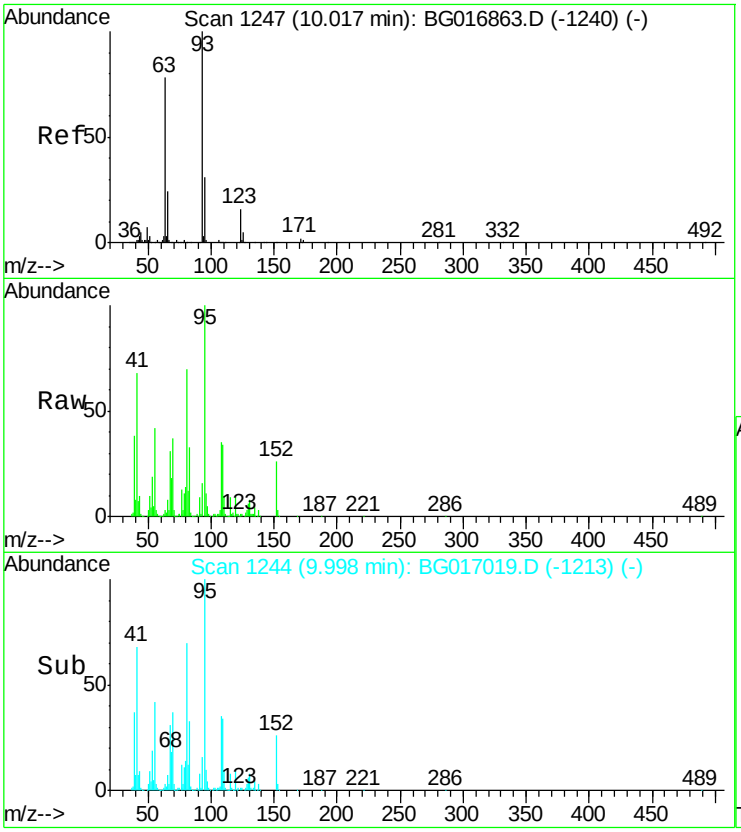


#23
Nitrobenzene-d5
Concen: 86.79 ng
RT: 8.95 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Tgt Ion: 82 Resp: 503444

Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.2	49.8
54	57.1	48.6	72.8



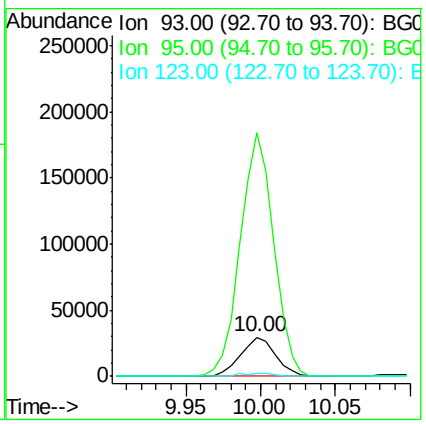


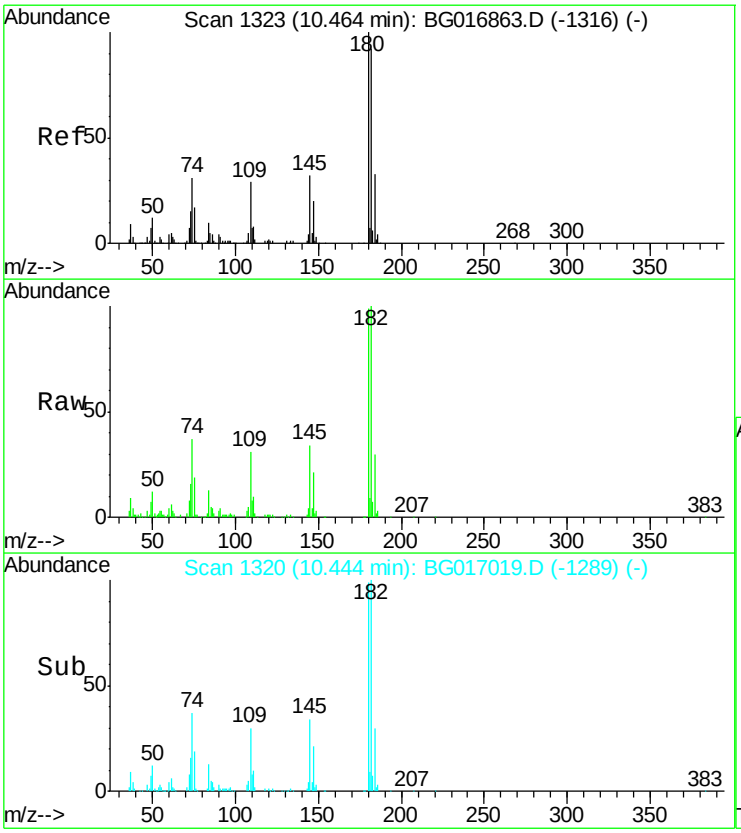
#28
bis(2-Chloroethoxy)methane
Concen: 8.15 ng
RT: 10.00 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515

Tgt Ion: 93 Resp: 48190

Ion	Ratio	Lower	Upper
93	100		
95	627.1	24.8	37.2#
123	7.1	12.6	19.0#

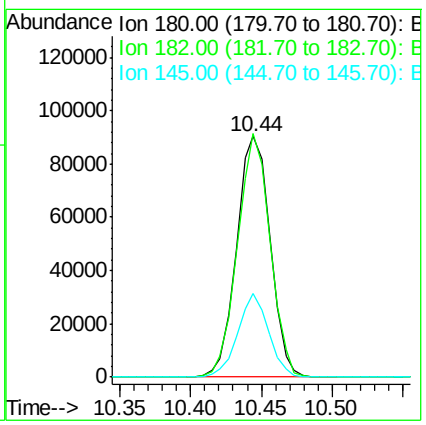


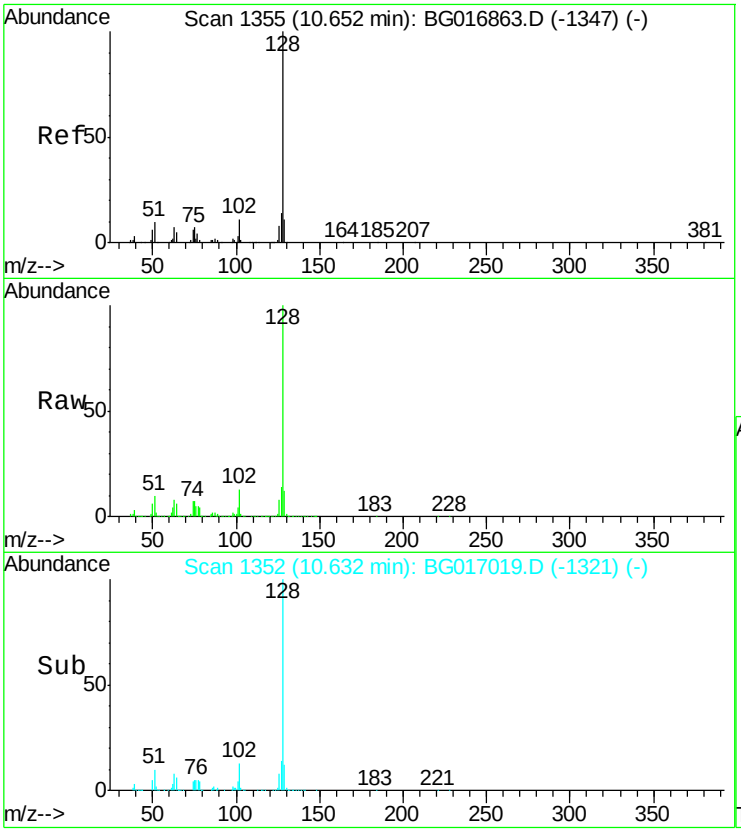


#30
1,2,4-Trichlorobenzene
Concen: 34.78 ng
RT: 10.44 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Tgt Ion:180 Resp: 150384

Ion	Ratio	Lower	Upper
180	100		
182	101.2	73.8	110.8
145	34.5	25.4	38.0



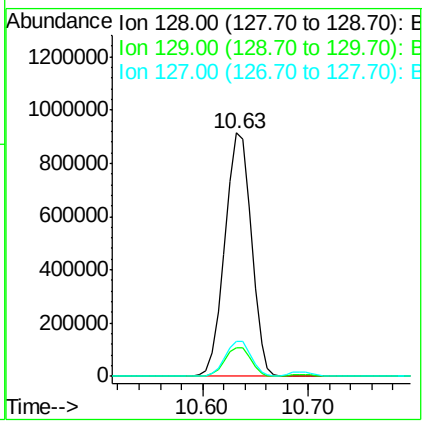


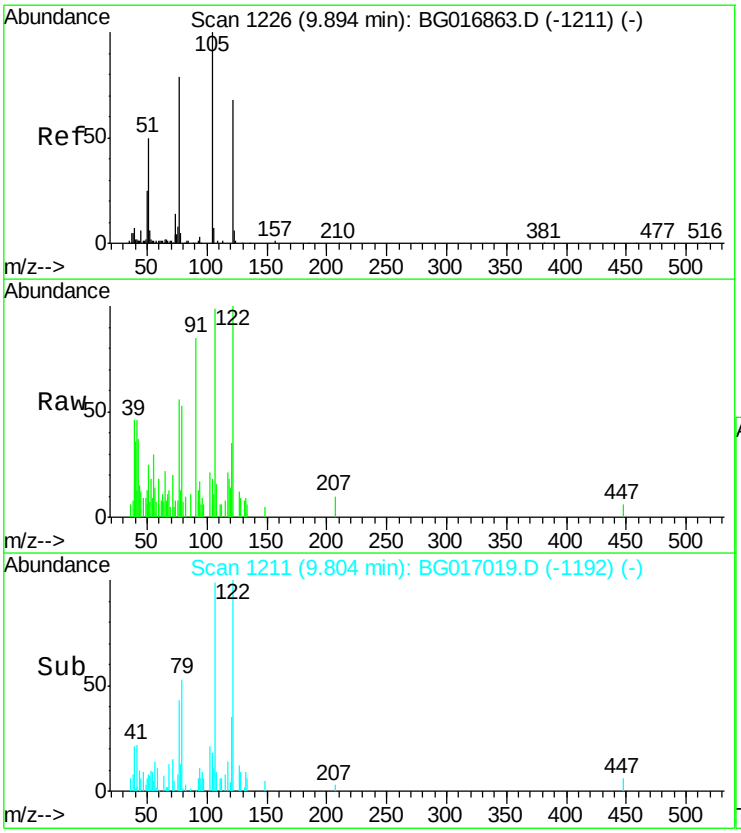
#31
Naphthalene
Concen: 112.34 ng
RT: 10.63 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515

Tgt Ion:128 Resp: 1583335

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	14.3	10.9	16.3

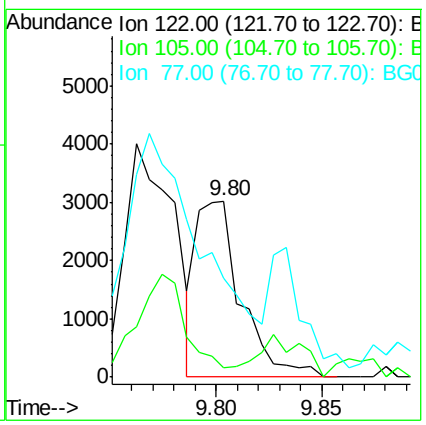


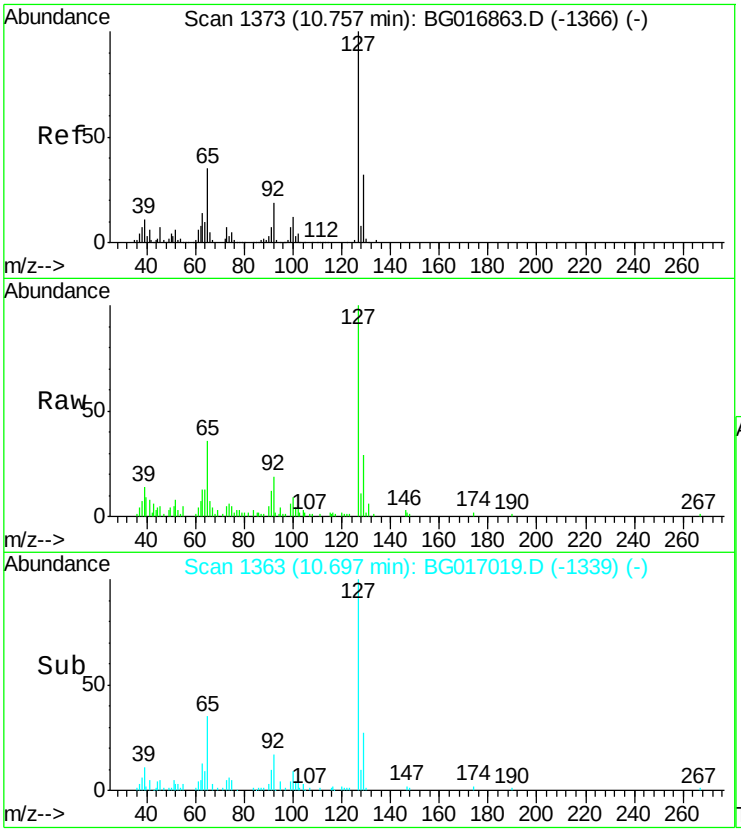


#32
Benzoic acid
Concen: 2.24 ng
RT: 9.80 min Scan# 1211
Delta R.T. -0.09 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Tgt Ion:122 Resp: 4476

Ion	Ratio	Lower	Upper
122	100		
105	5.1	123.2	163.2#
77	55.9	93.0	133.0#



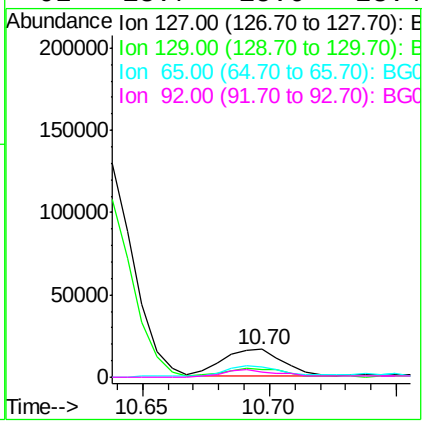


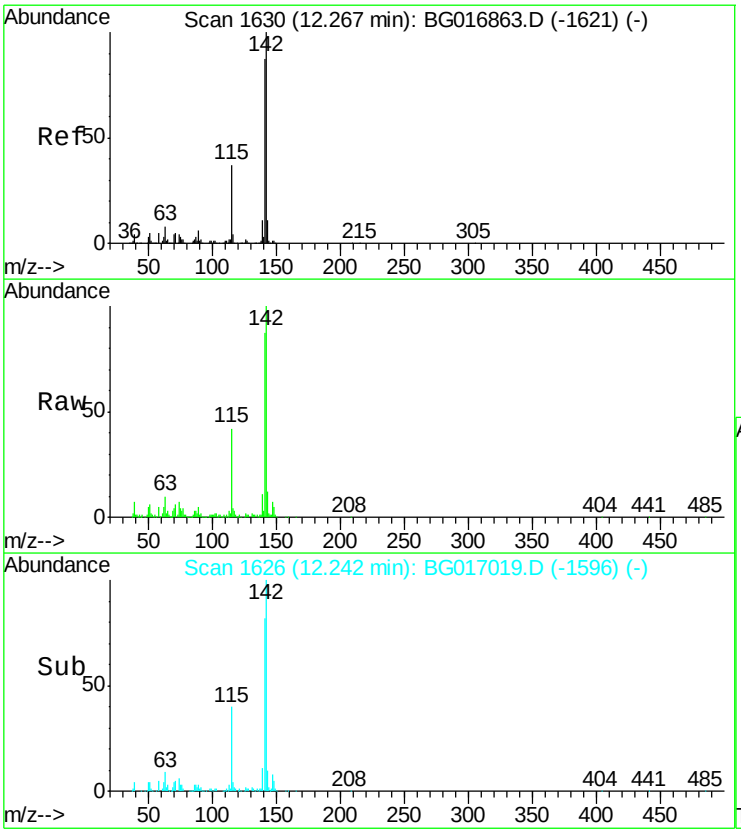
#33
4-Chloroaniline
Concen: 4.11 ng
RT: 10.70 min Scan# 1363
Delta R.T. -0.06 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515

Tgt Ion:127 Resp: 26751

Ion	Ratio	Lower	Upper
127	100		
129	28.6	25.8	38.6
65	36.3	28.2	42.2
92	18.7	15.6	23.4

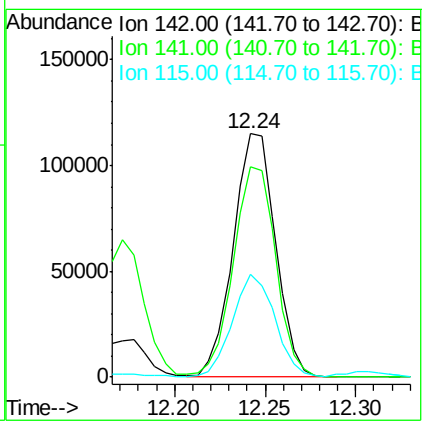


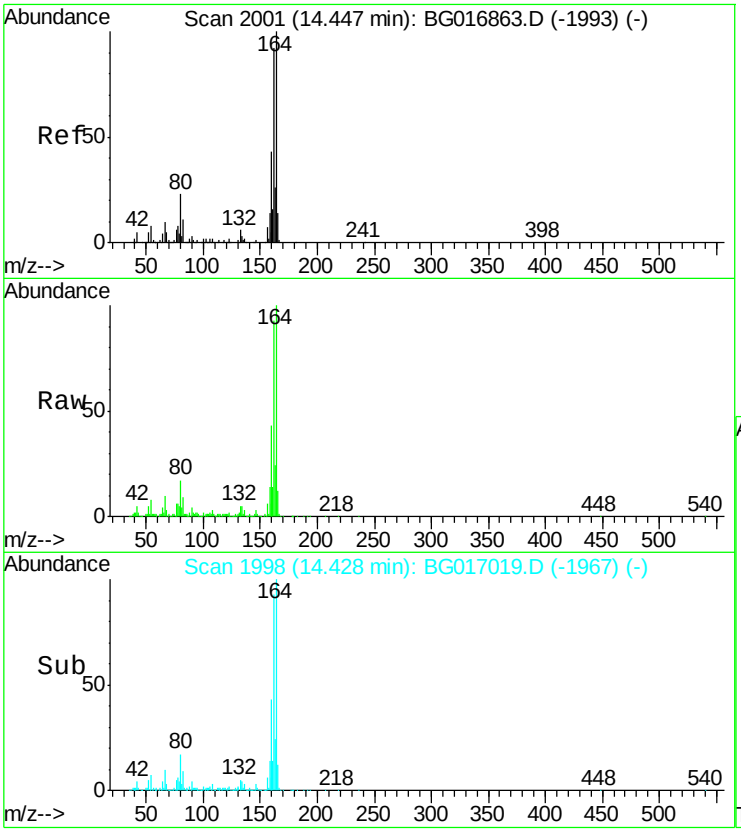


#37
2-Methylnaphthalene
Concen: 17.40 ng
RT: 12.24 min Scan# 1626
Delta R.T. -0.03 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Tgt Ion:142 Resp: 186775

Ion	Ratio	Lower	Upper
142	100		
141	86.6	69.9	104.9
115	42.3	29.8	44.8



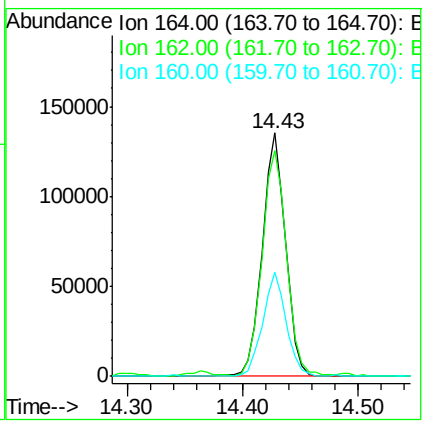


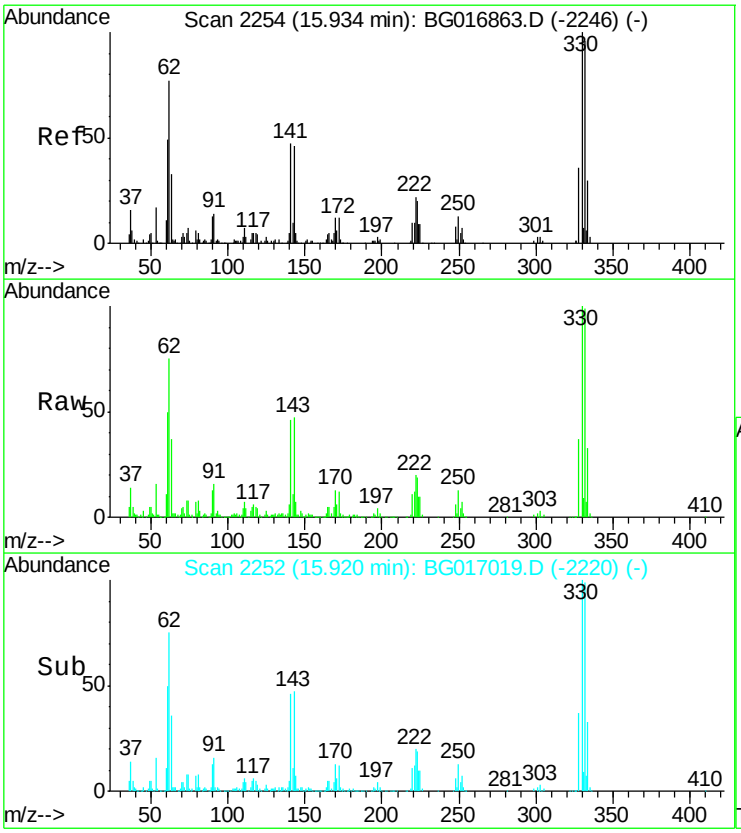
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515

Tgt Ion:164 Resp: 191285

Ion	Ratio	Lower	Upper
164	100		
162	92.7	74.0	111.0
160	42.8	34.7	52.1

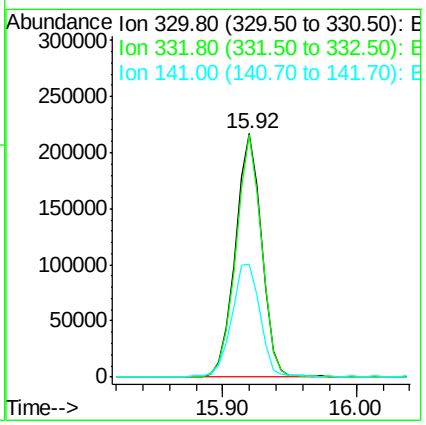


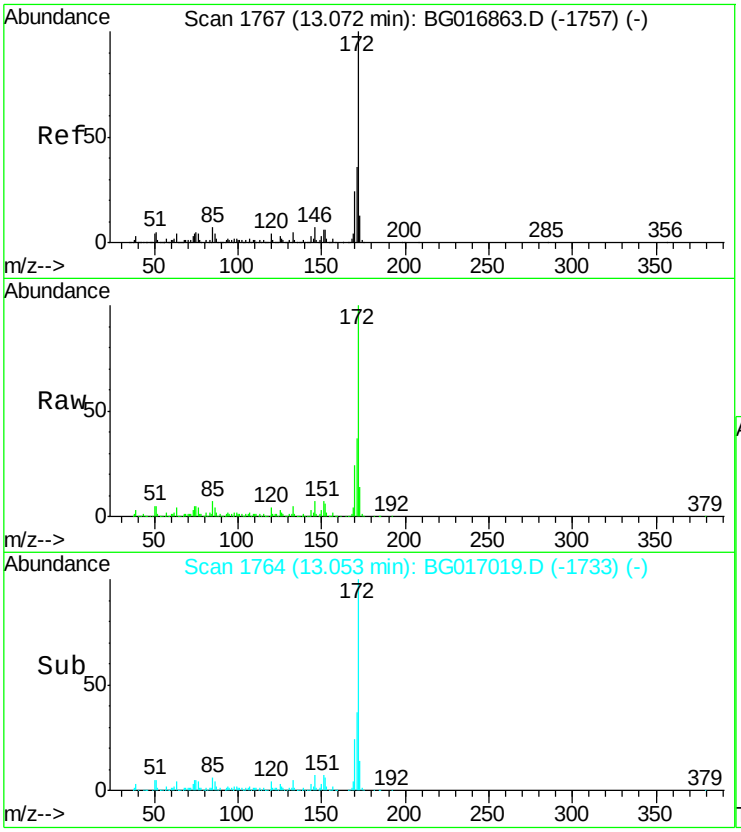


#41
2,4,6-Tribromophenol
Concen: 154.26 ng
RT: 15.92 min Scan# 2252
Delta R.T. -0.01 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Tgt Ion:330 Resp: 296230

Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	50.2	0.0	0.0#



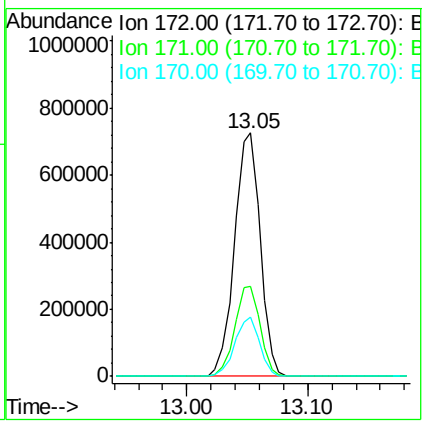


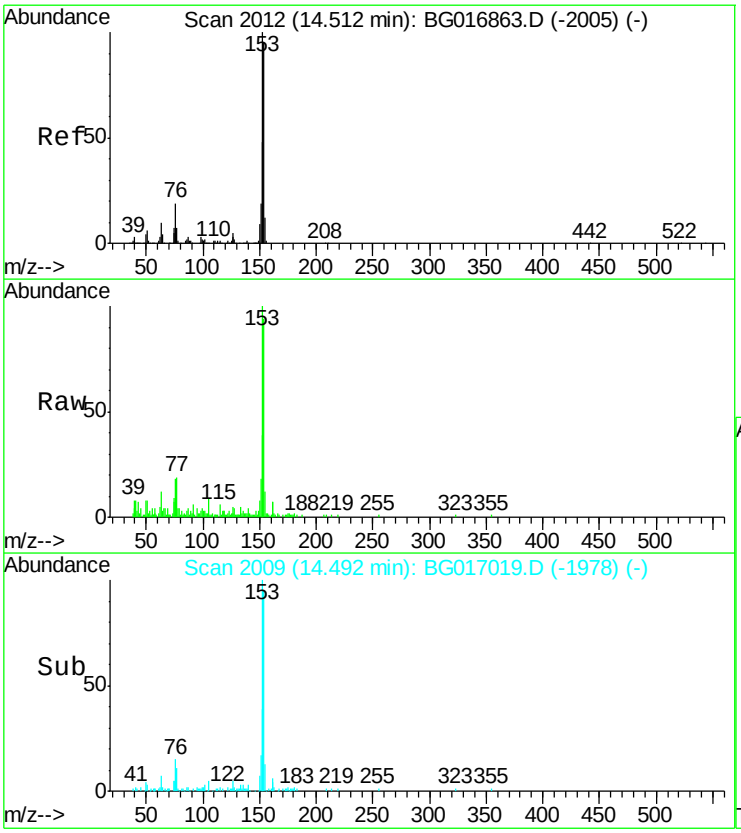
#44
2-Fluorobiphenyl
Concen: 85.06 ng
RT: 13.05 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515

Tgt Ion:172 Resp: 1078255

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.4
170	24.1	19.0	28.4

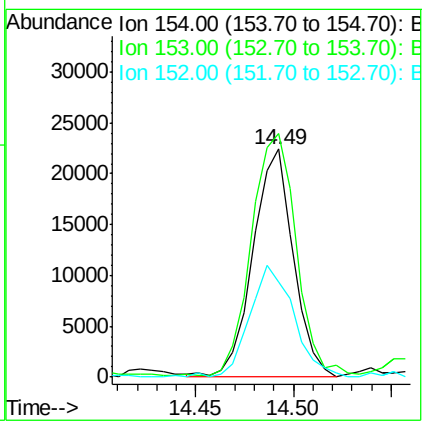


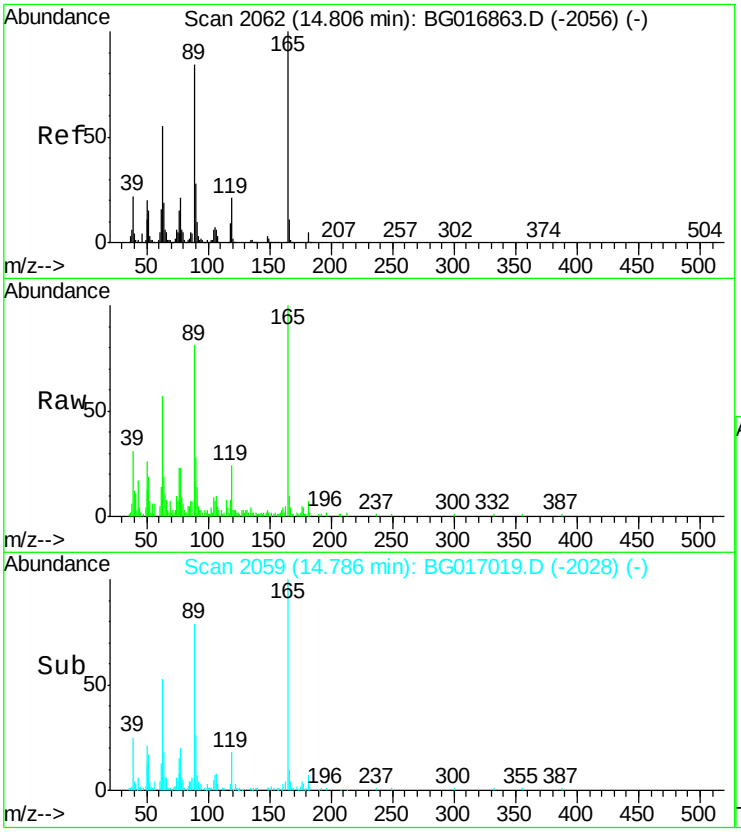


#51
Acenaphthene
Concen: 2.85 ng
RT: 14.49 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Tgt Ion:154 Resp: 32052

Ion	Ratio	Lower	Upper
154	100		
153	106.8	84.2	126.4
152	41.7	40.2	60.2



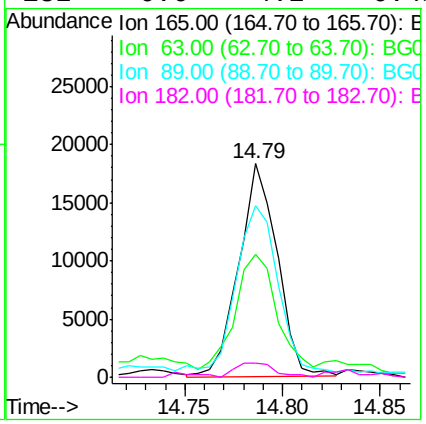


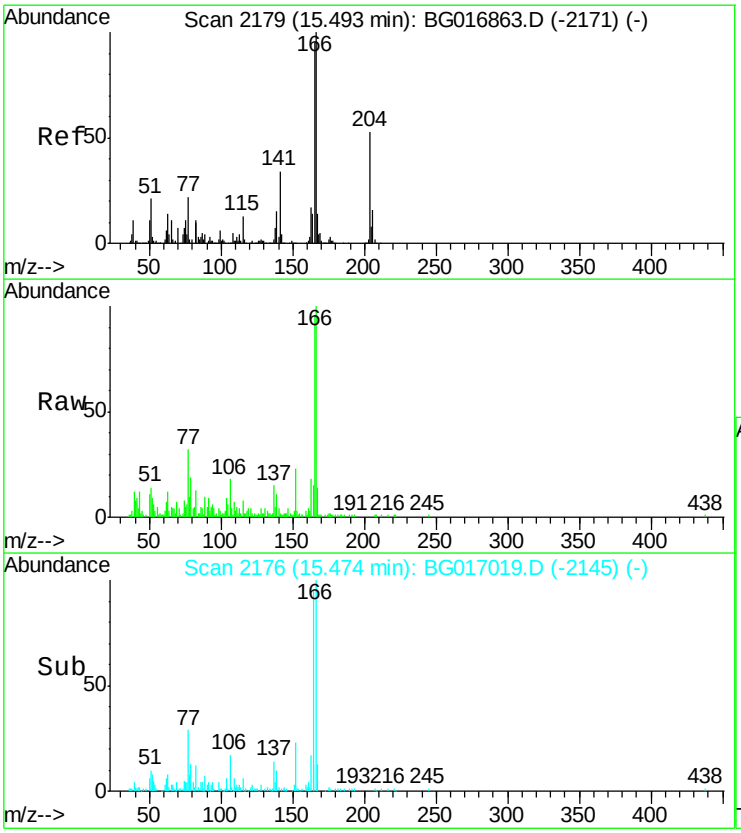
#56
2,4-Dinitrotoluene
Concen: 6.55 ng
RT: 14.79 min Scan# 2059
Delta R.T. -0.02 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515

Tgt Ion:165 Resp: 24840

Ion	Ratio	Lower	Upper
165	100		
63	57.3	44.2	66.4
89	80.6	67.2	100.8
182	6.6	4.2	6.4#

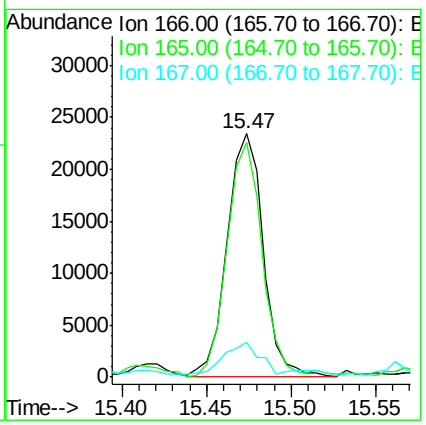


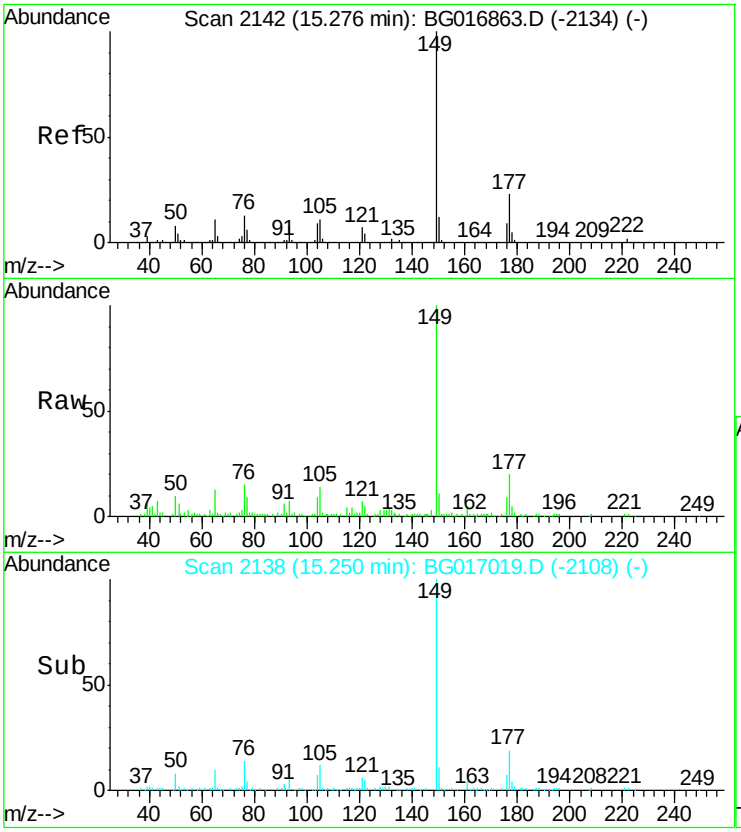


#57
Fluorene
Concen: 2.48 ng
RT: 15.47 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Tgt Ion:166 Resp: 35007

Ion	Ratio	Lower	Upper
166	100		
165	96.2	76.1	114.1
167	14.3	11.4	17.2



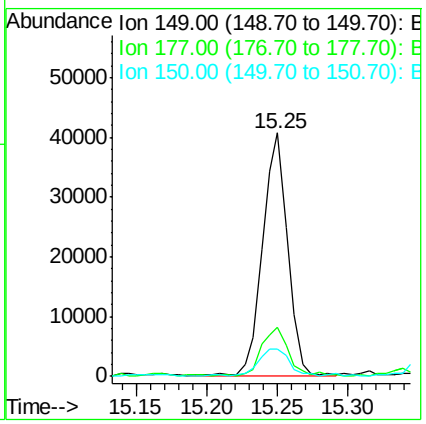


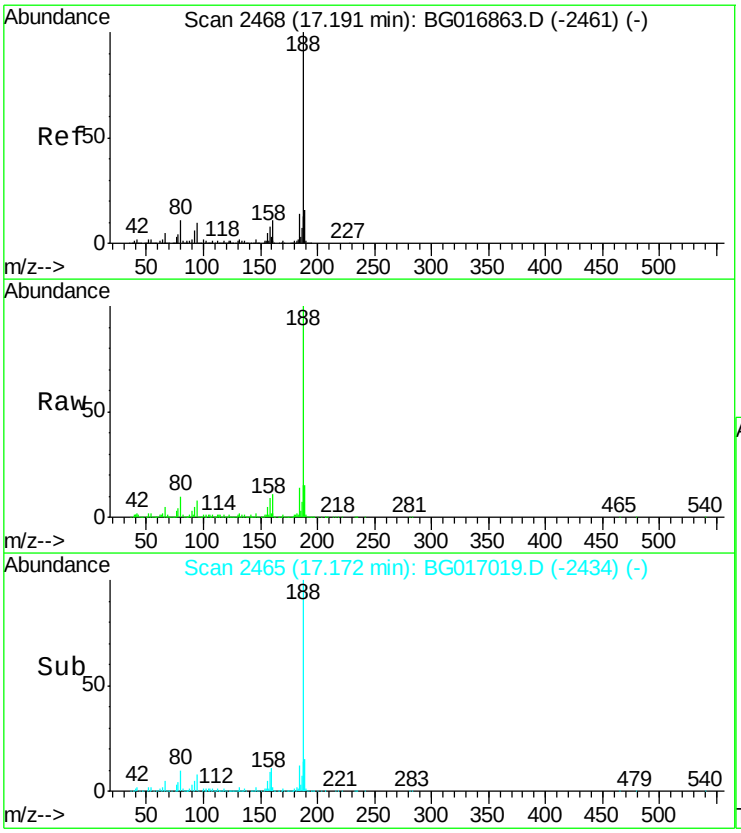
#59
Diethylphthalate
Concen: 3.42 ng
RT: 15.25 min Scan# 2138
Delta R.T. -0.03 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515

Tgt Ion:149 Resp: 51507

Ion	Ratio	Lower	Upper
149	100		
177	20.2	18.6	27.8
150	11.3	9.8	14.8

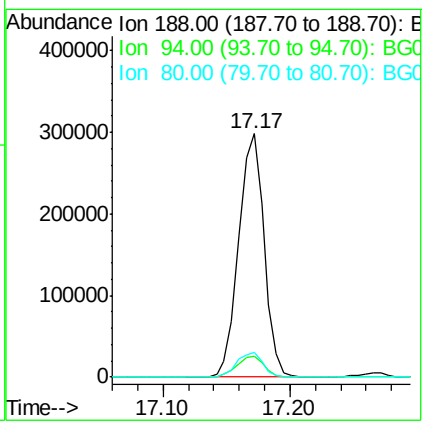


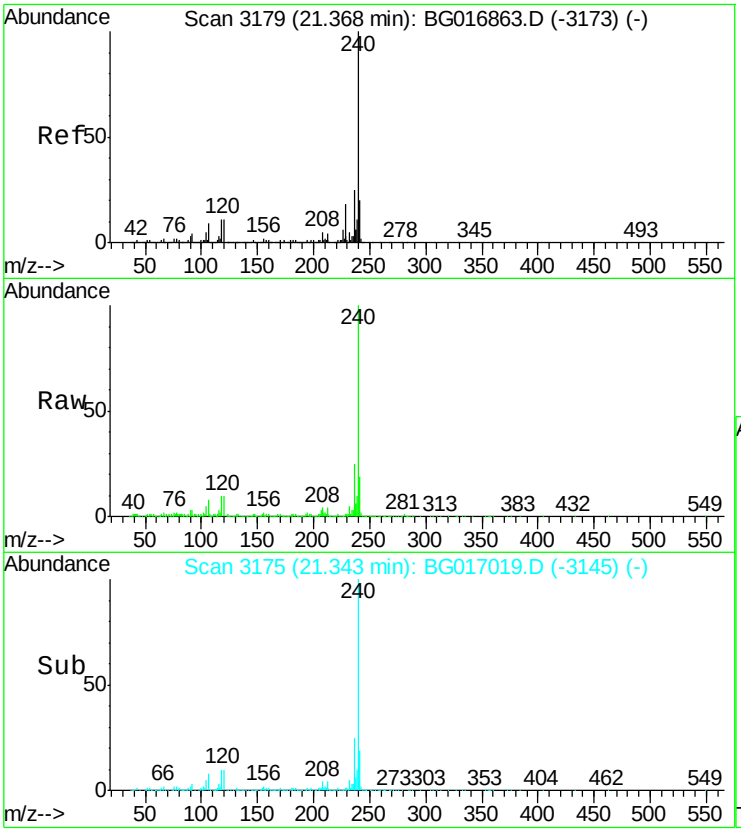


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Tgt Ion:188 Resp: 414134

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.4
80	10.2	8.8	13.2



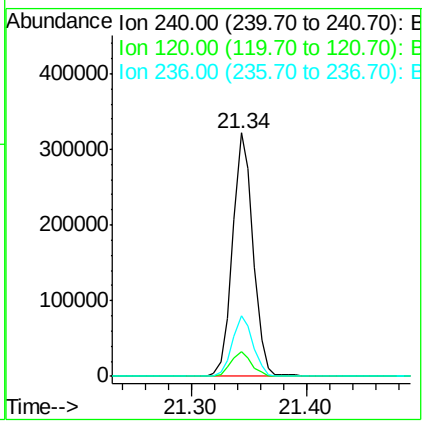


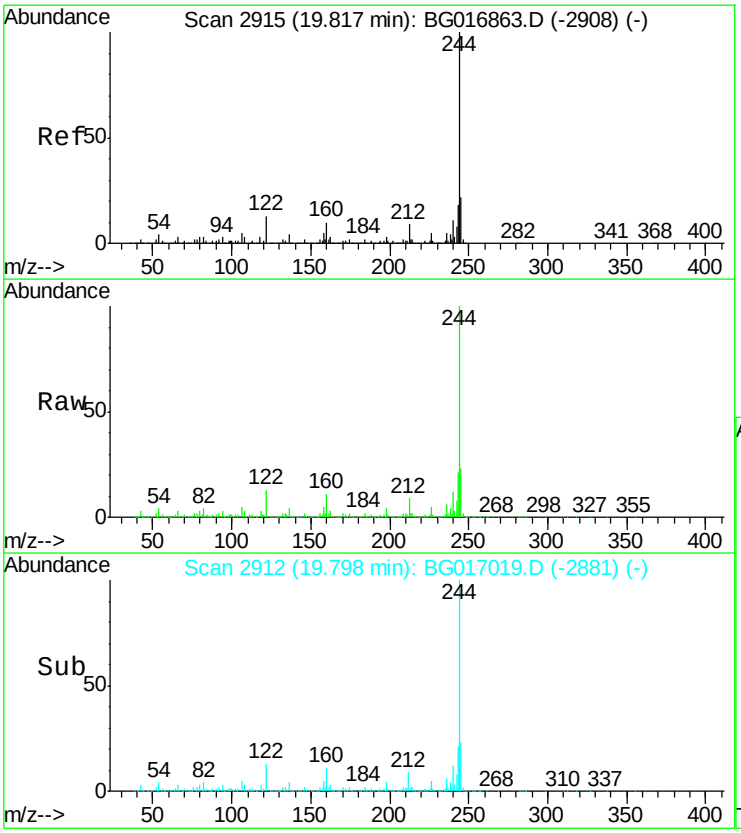
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 3175
Delta R.T. -0.03 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515

Tgt Ion:240 Resp: 394295

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.1	13.7
236	25.1	20.2	30.4

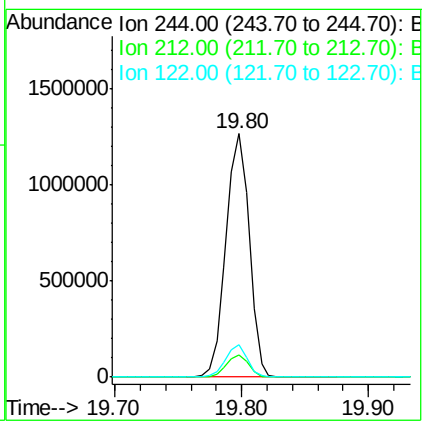


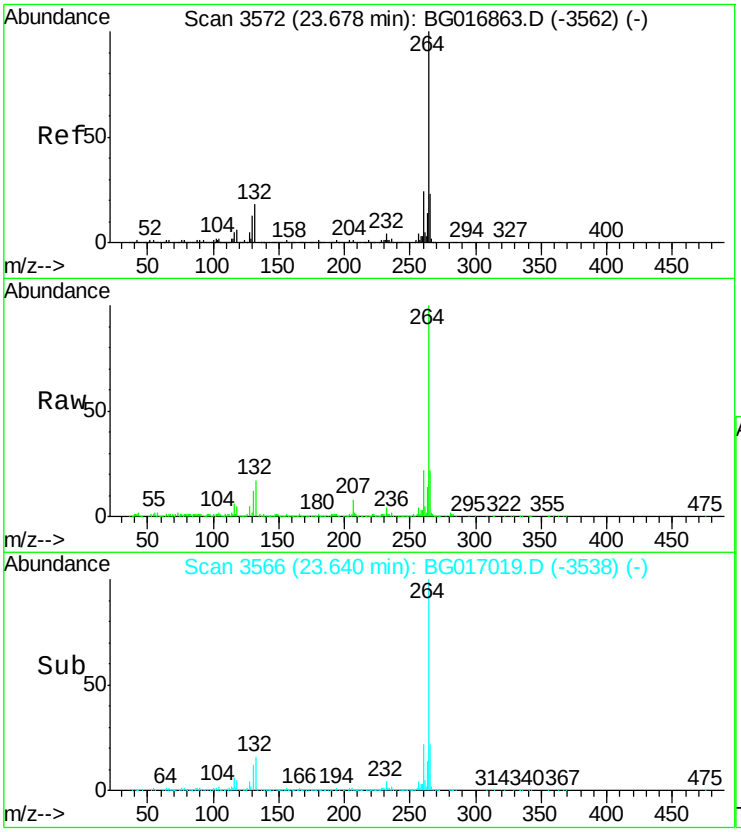


#78
Terphenyl-d14
Concen: 95.49 ng
RT: 19.80 min Scan# 2912
Delta R.T. -0.02 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Tgt Ion:244 Resp: 1606077

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	13.3	10.4	15.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3566
Delta R.T. -0.04 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515

Tgt Ion:264 Resp: 383154

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.5	29.3
265	22.4	18.5	27.7