Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015878.D
Acq On : 9 Jan 2015 20:04
Operator : TP/IZ
Sample : G1044-05
Misc : W
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-9970

Quant Time: Jan 12 13:23:51 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 06 08:46:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	32328	20.00	ng		0.00
21) Naphthalene-d8	10.52	136	115485	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	86800	20.00	ng		0.00
63) Phenanthrene-d10	17.12	188	204767	20.00	ng		0.00
75) Chrysene-d12	21.30	240	269721	20.00	ng		0.00
86) Perylene-d12	23.57	264	214731	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	113940	30.31	ng		0.00
7) Phenol-d6	6.93	99	106365	20.32	ng		0.02
23) Nitrobenzene-d5	8.89	82	255670	43.44	ng		0.00
41) 2,4,6-Tribromophenol	15.87	330	234082	70.94	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	571030	46.99	ng		0.00
78) Terphenyl-d14	19.75	244	965135	39.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	5738	6.66	ng	#	63
6) Aniline	7.07	93	33977	9.60	ng		95
8) 2-Chlorophenol	7.30	128	14577	7.52	ng	#	76
10) Phenol	6.95	94	44932	15.76	ng		79
11) bis(2-Chloroethyl)ether	7.16	93	20739	9.87	ng		93
12) 1,3-Dichlorobenzene	7.62	146	4827m	2.08	ng		
13) 1,4-Dichlorobenzene	7.77	146	29347	12.38	ng		96
14) 1,2-Dichlorobenzene	8.08	146	28595	12.71	ng		99
17) 2-Methylphenol	8.19	107	11743m	6.04	ng		
20) 3+4-Methylphenols	8.51	107	82547	31.84	ng		86
27) 2,4-Dimethylphenol	9.71	122	18380	9.67	ng		85
31) Naphthalene	10.57	128	267873	43.80	ng		99
32) Benzoic acid	9.89	122	43764	46.17	ng	#	67
37) 2-Methylnaphthalene	12.18	142	38133	8.33	ng		96
49) Dimethylphthalate	13.83	163	25618	4.00	ng		97
51) Acenaphthene	14.44	154	12934	2.61	ng		89
59) Diethylphthalate	15.19	149	26078	3.69	ng	#	93
65) n-Nitrosodiphenylamine	15.63	169	83891	14.25	ng		96

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015878.D
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Misc : W
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Instrument :
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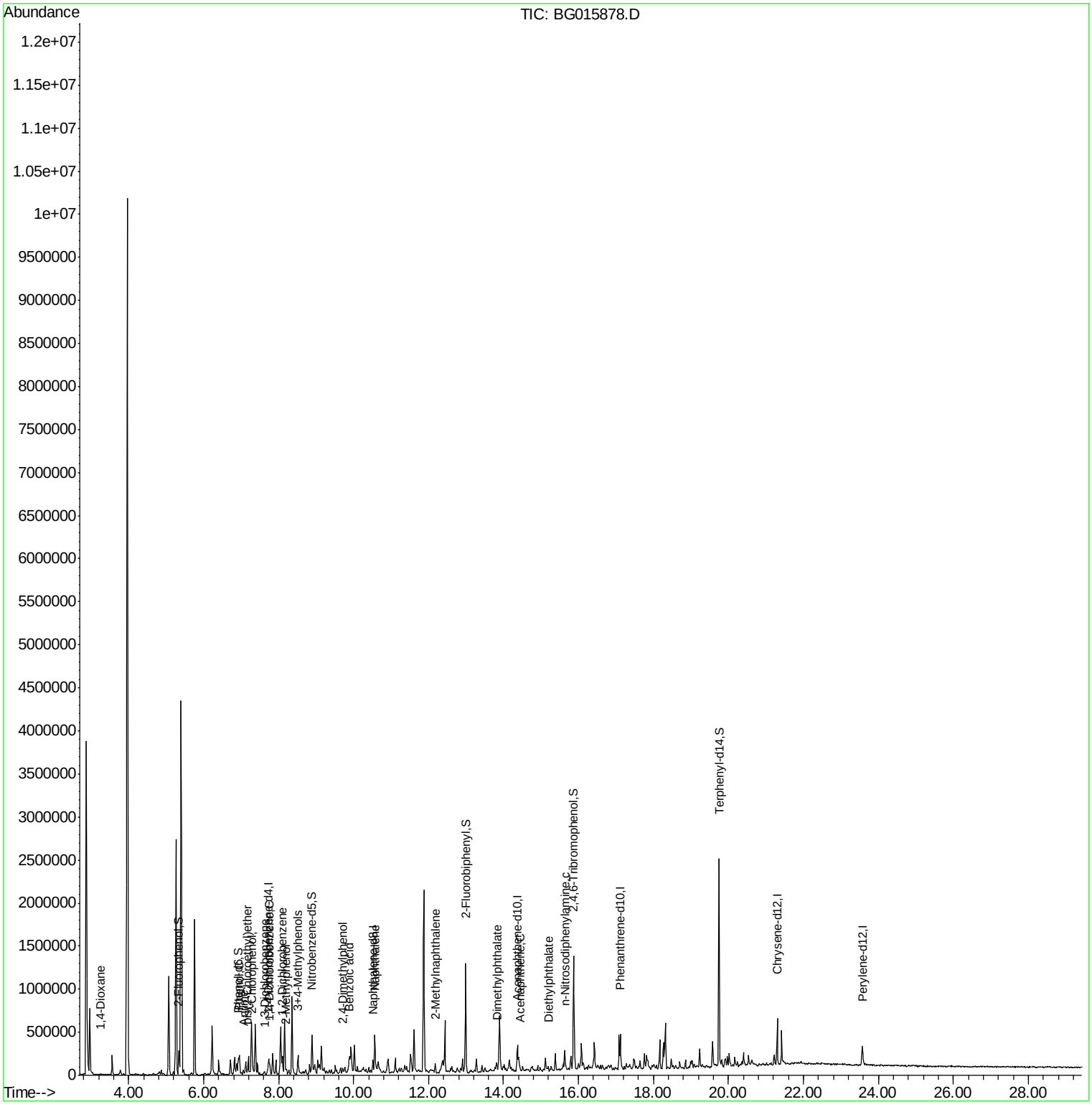
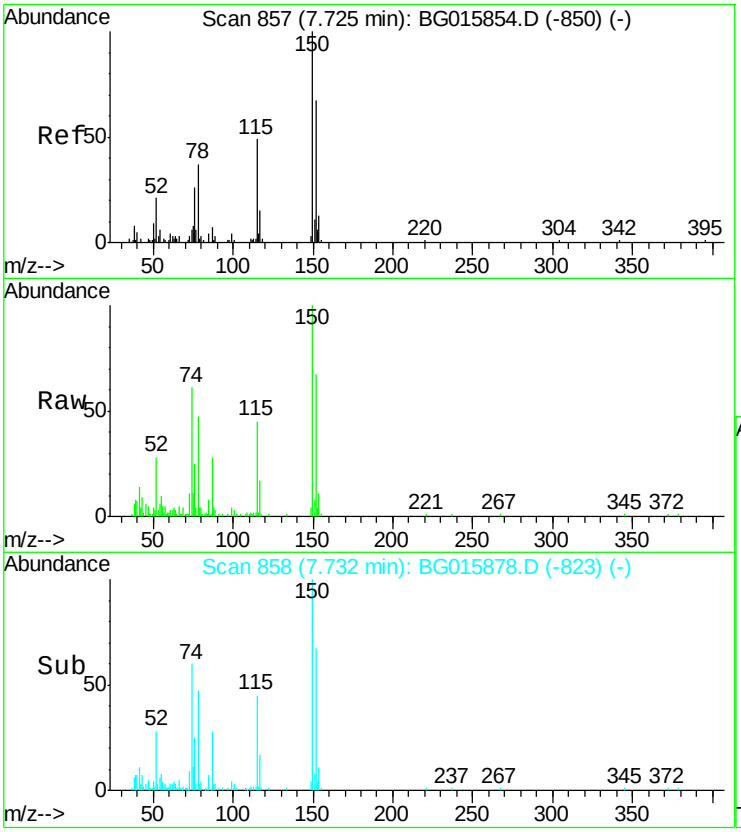


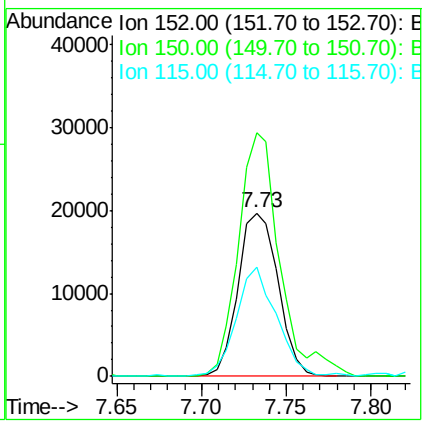


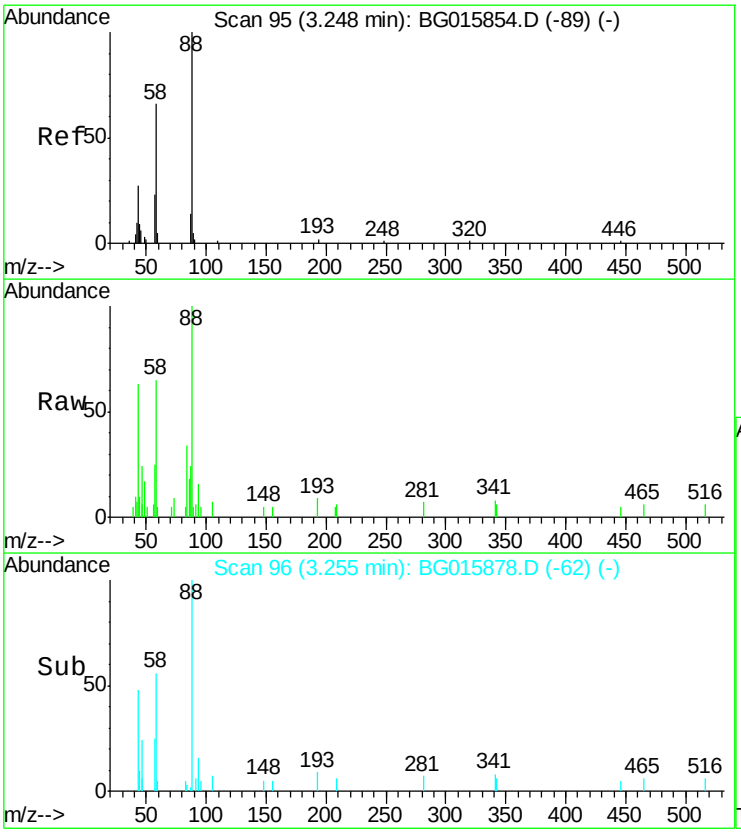
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 858
Delta R.T. 0.00 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Instrument :
BNA_G
ClientSampleId :
SP-9970

Tgt Ion:152 Resp: 32328

Ion	Ratio	Lower	Upper
152	100		
150	149.3	120.5	180.7
115	66.6	54.0	81.0

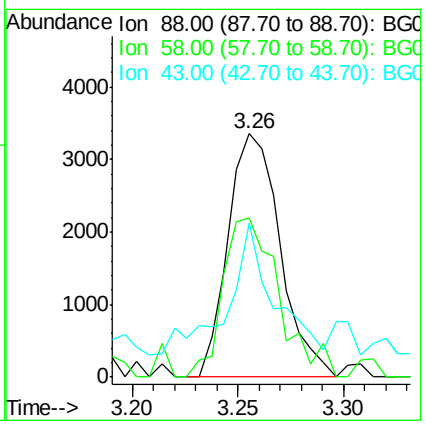


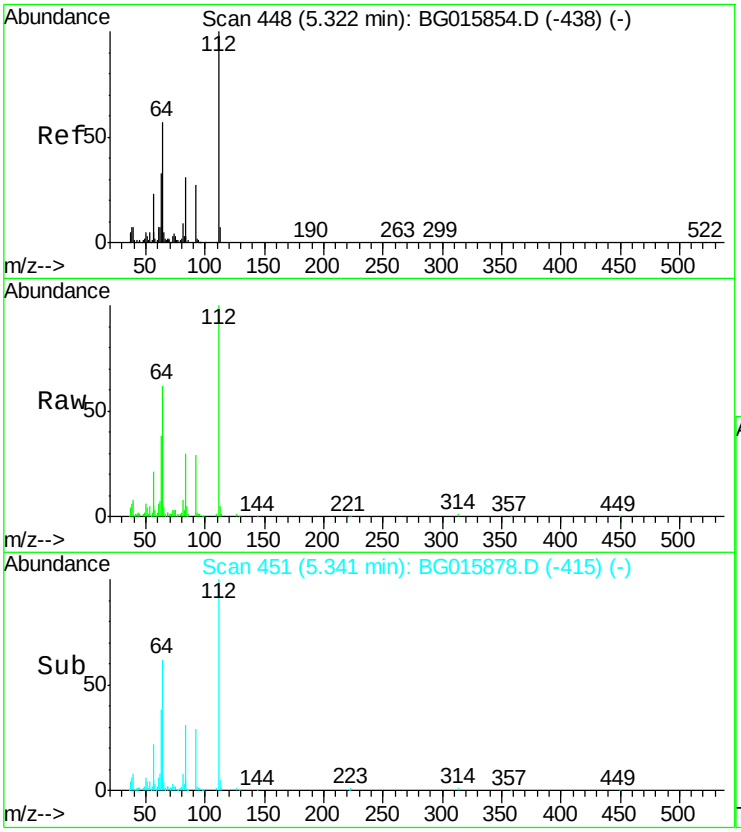


#2
1,4-Dioxane
Concen: 6.66 ng
RT: 3.26 min Scan# 96
Delta R.T. -0.00 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Tgt Ion: 88 Resp: 5738

Ion	Ratio	Lower	Upper
88	100		
58	70.3	37.9	56.9#
43	47.3	20.7	31.1#



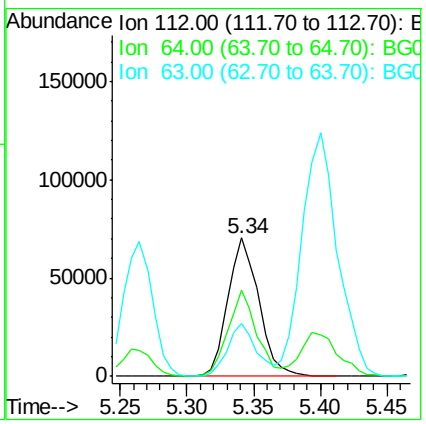


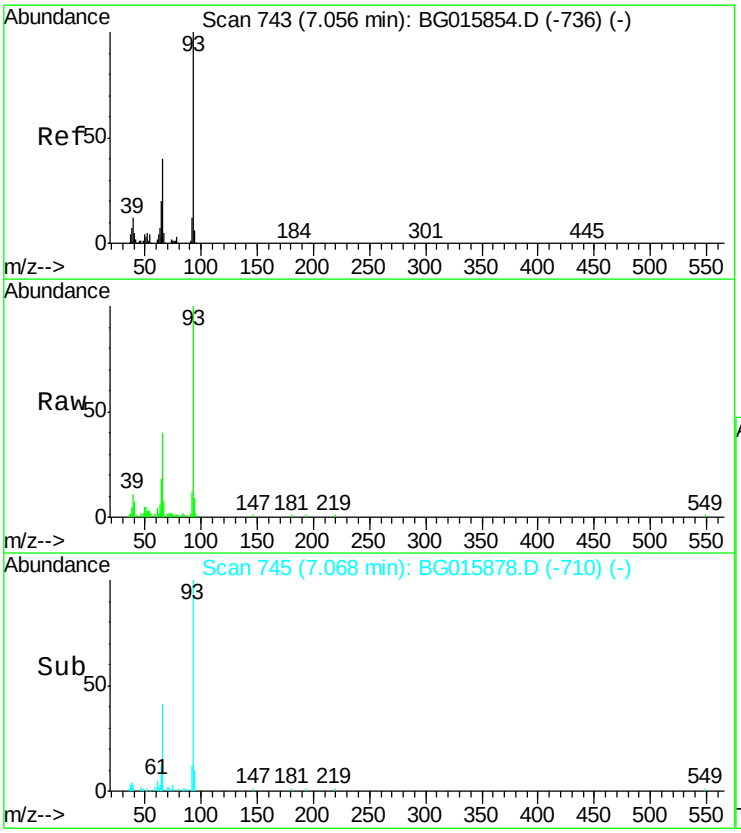
#5
2-Fluorophenol
Concen: 30.31 ng
RT: 5.34 min Scan# 451
Delta R.T. 0.01 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Instrument : BNA_G
ClientSampleId : SP-9970

Tgt Ion:112 Resp: 113940

Ion	Ratio	Lower	Upper
112	100		
64	62.1	46.8	70.2
63	37.8	30.6	45.8

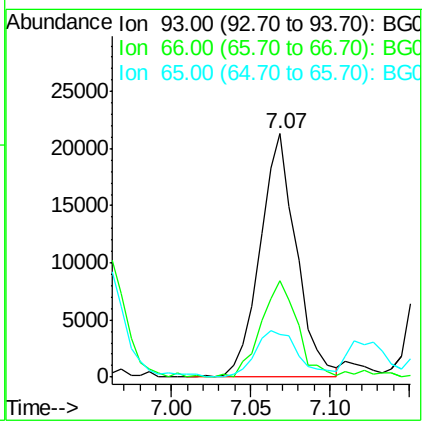


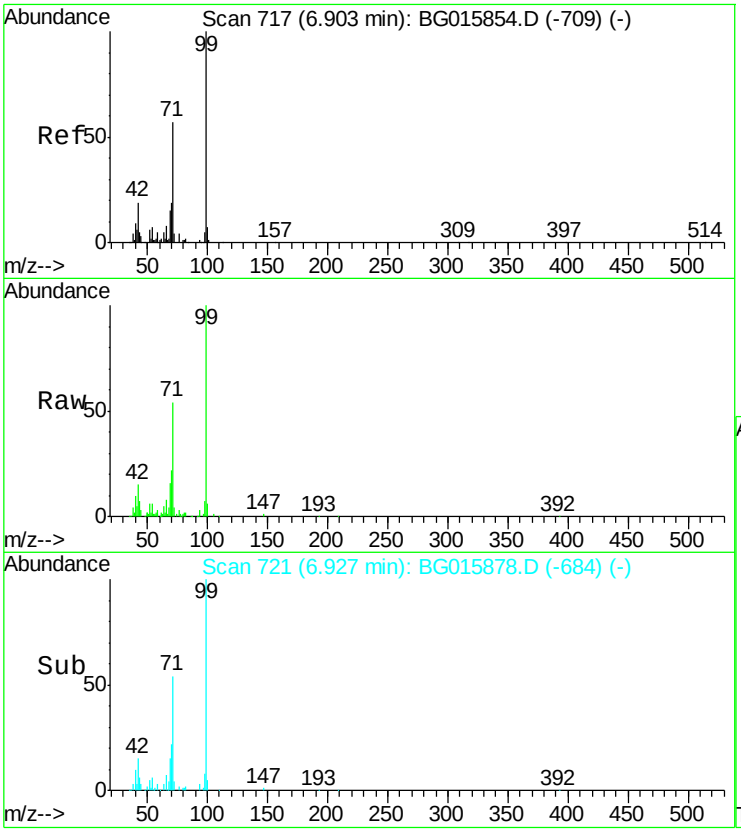


#6
Aniline
Concen: 9.60 ng
RT: 7.07 min Scan# 745
Delta R.T. 0.00 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Tgt Ion: 93 Resp: 33977

Ion	Ratio	Lower	Upper
93	100		
66	39.5	28.7	43.1
65	17.6	14.7	22.1



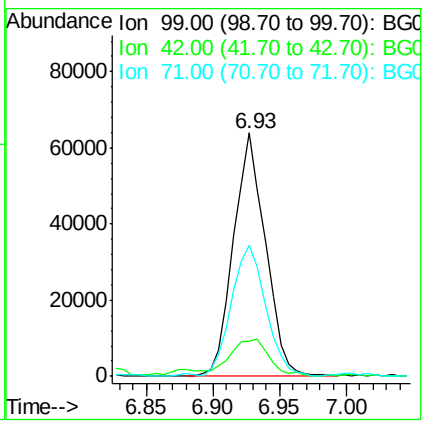


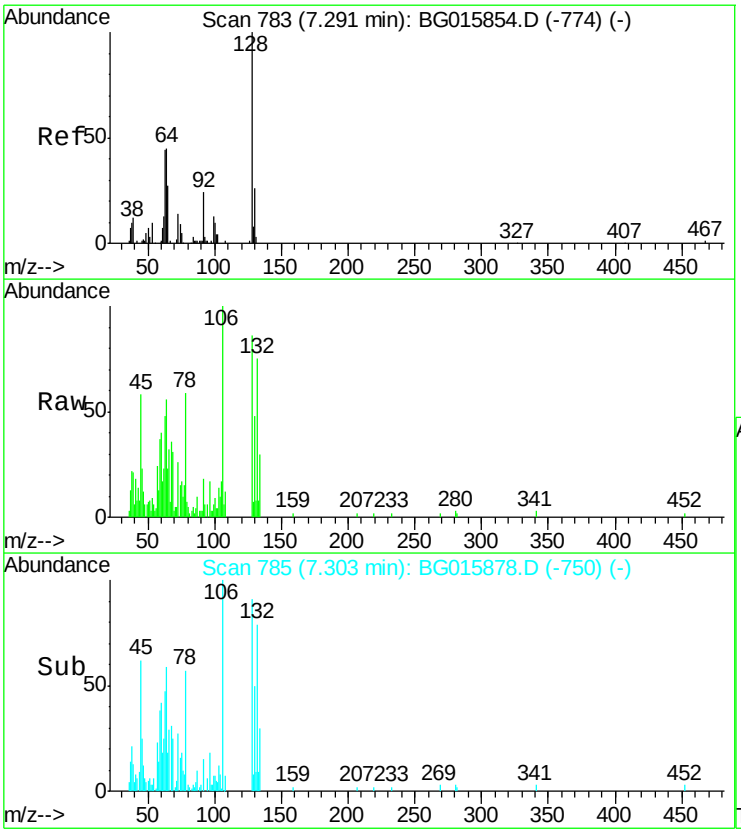
#7
Phenol-d6
Concen: 20.32 ng
RT: 6.93 min Scan# 721
Delta R.T. 0.02 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Instrument :
BNA_G
ClientSampleId :
SP-9970

Tgt Ion: 99 Resp: 106365

Ion	Ratio	Lower	Upper
99	100		
42	14.6	13.8	20.8
71	53.6	42.8	64.2

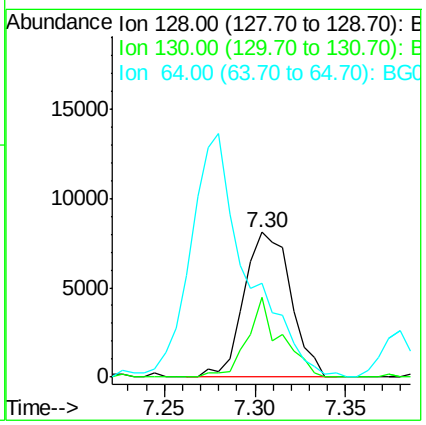


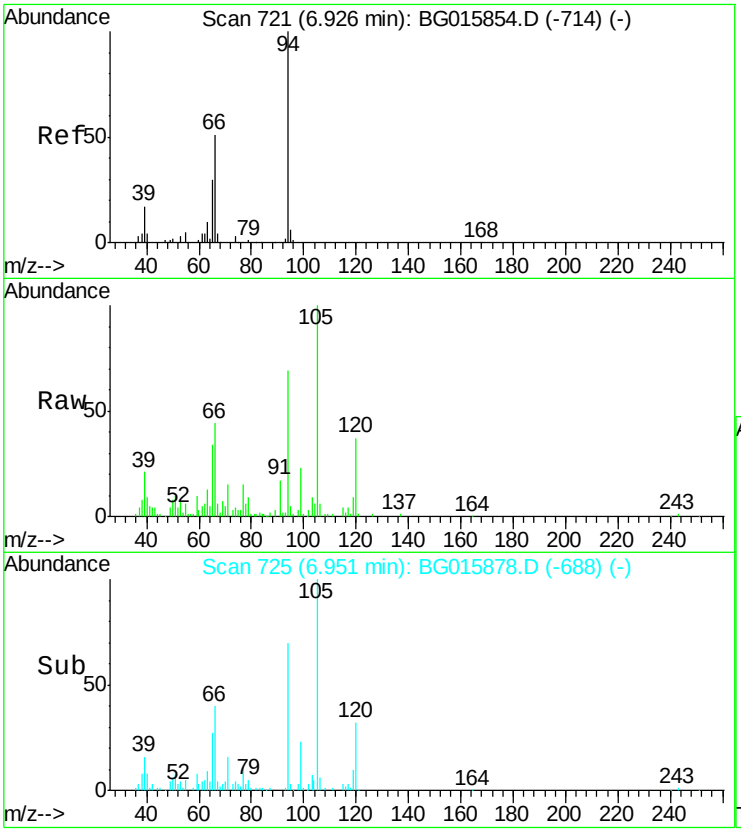


#8
2-Chlorophenol
Concen: 7.52 ng
RT: 7.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Tgt Ion:128 Resp: 14577

Ion	Ratio	Lower	Upper
128	100		
130	55.3	10.6	50.6#
64	65.1	36.4	76.4



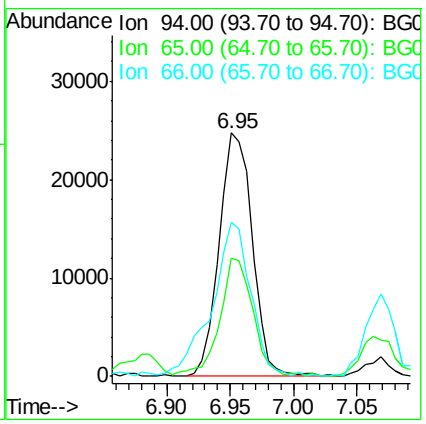


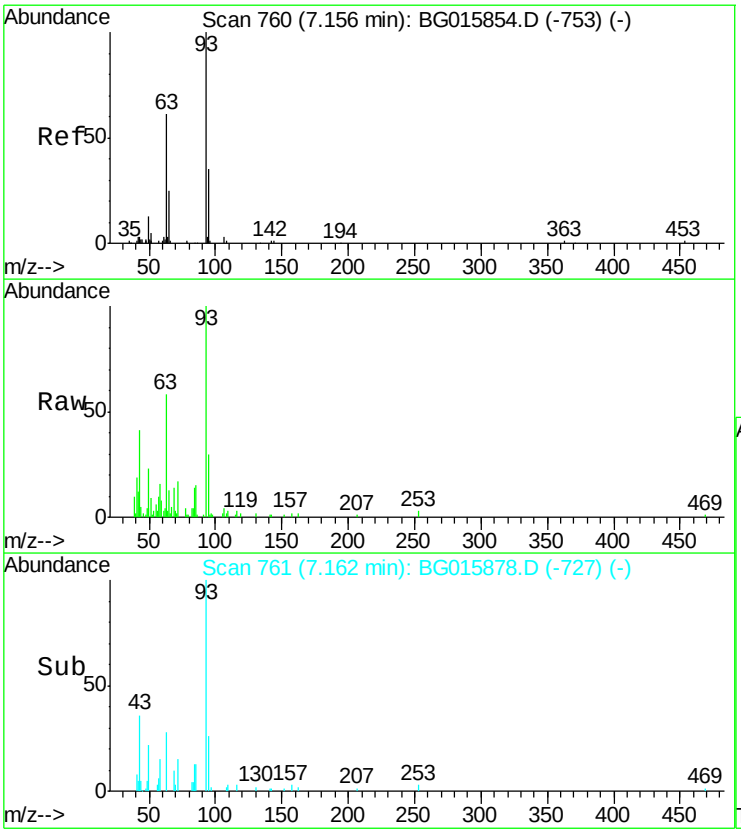
#10
Phenol
Concen: 15.76 ng
RT: 6.95 min Scan# 725
Delta R.T. 0.02 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Instrument :
BNA_G
ClientSampleId :
SP-9970

Tgt Ion: 94 Resp: 44932

Ion	Ratio	Lower	Upper
94	100		
65	48.7	9.7	49.7
66	63.4	33.8	73.8

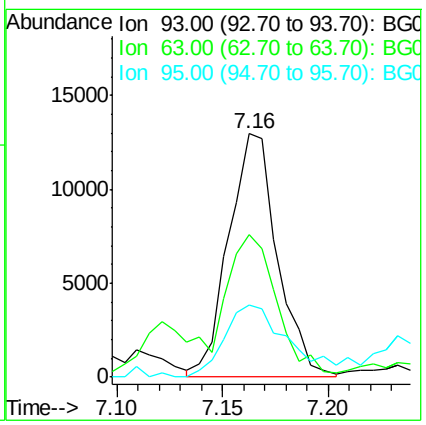


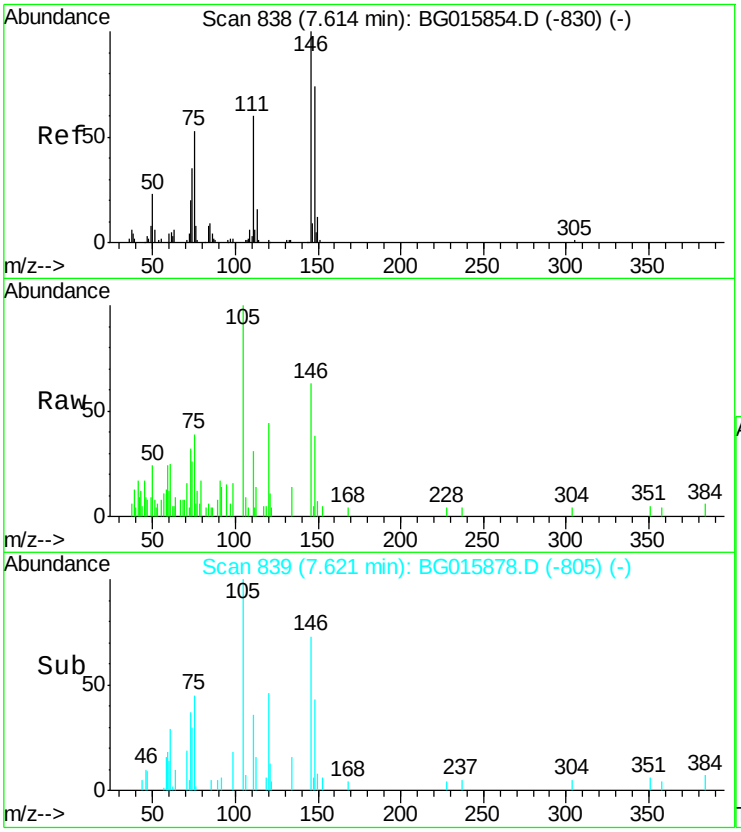


#11
bis(2-Chloroethyl)ether
Concen: 9.87 ng
RT: 7.16 min Scan# 761
Delta R.T. -0.00 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Tgt Ion: 93 Resp: 20739

Ion	Ratio	Lower	Upper
93	100		
63	58.3	45.1	85.1
95	29.8	12.1	52.1



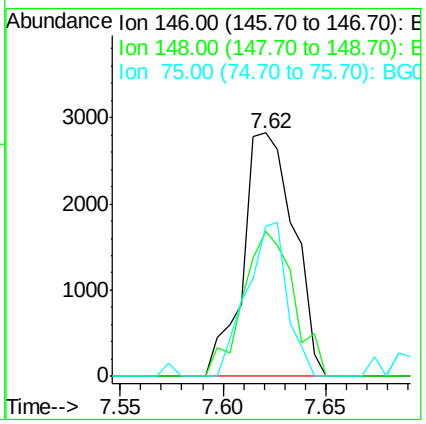


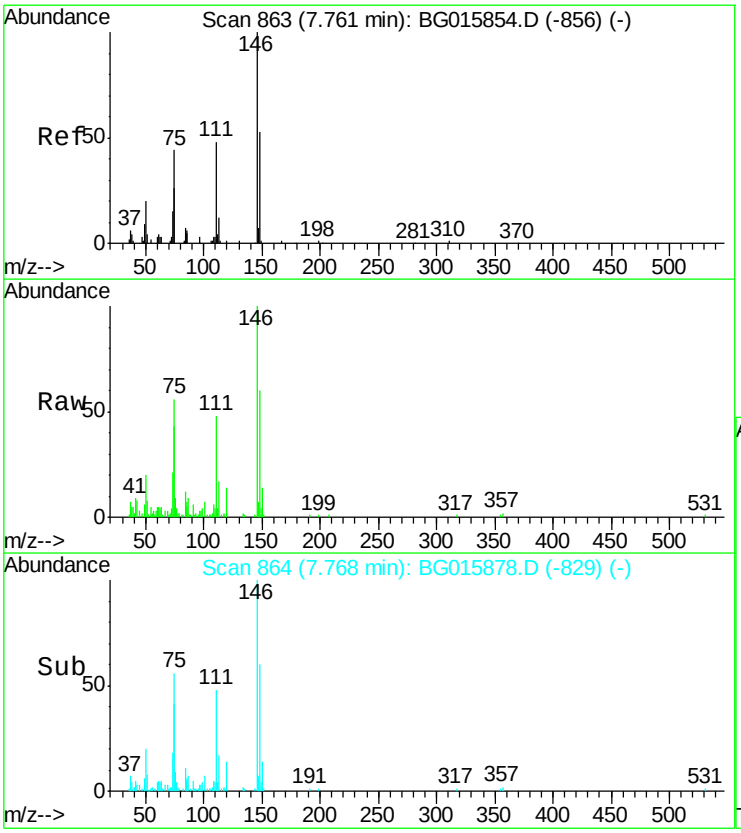
#12
1,3-Dichlorobenzene
Concen: 2.08 ng m
RT: 7.62 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Instrument :
BNA_G
ClientSampleId :
SP-9970

Tgt Ion:146 Resp: 4827

Ion	Ratio	Lower	Upper
146	100		
148	59.5	52.5	78.7
75	61.5	38.9	58.3#

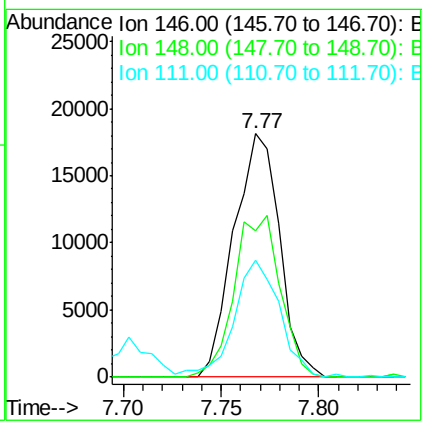


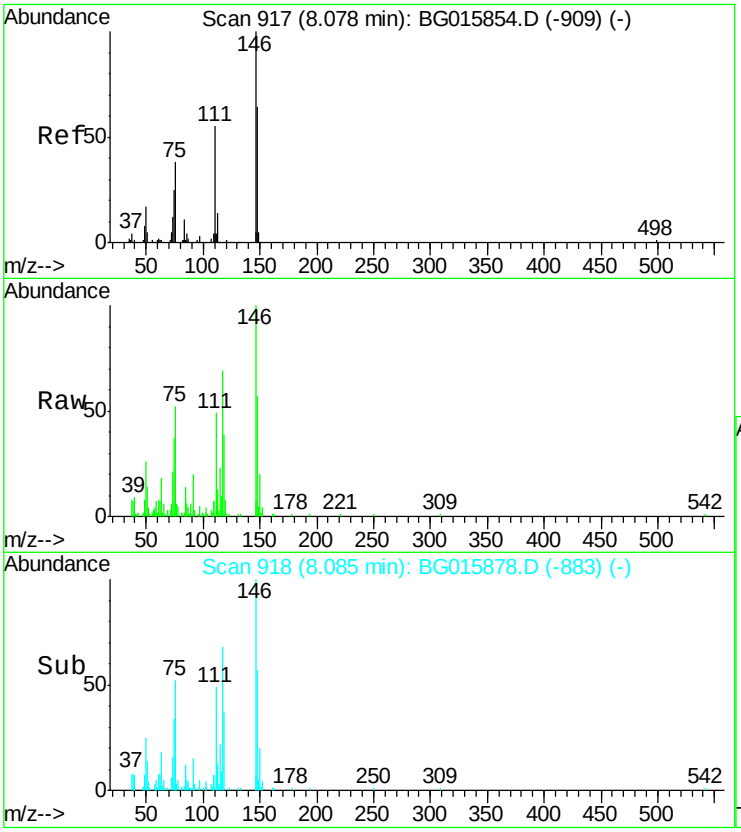


#13
1,4-Dichlorobenzene
Concen: 12.38 ng
RT: 7.77 min Scan# 864
Delta R.T. 0.00 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Tgt Ion:146 Resp: 29347

Ion	Ratio	Lower	Upper
146	100		
148	60.2	46.5	69.7
111	48.2	41.8	62.6



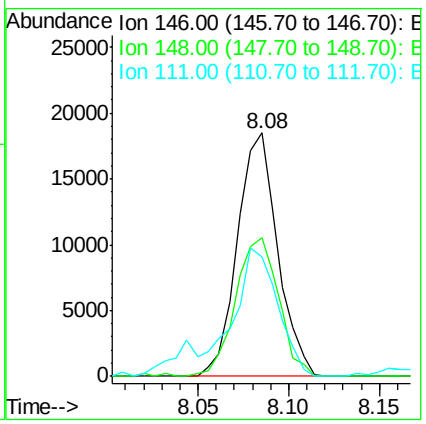


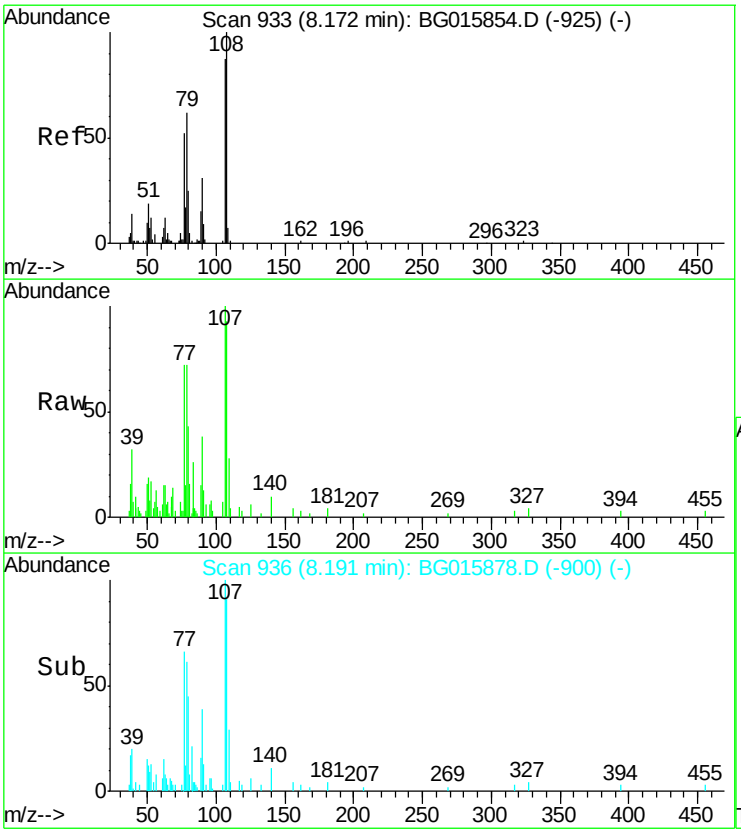
#14
1,2-Dichlorobenzene
Concen: 12.71 ng
RT: 8.08 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Instrument :
BNA_G
ClientSampleId :
SP-9970

Tgt Ion:146 Resp: 28595

Ion	Ratio	Lower	Upper
146	100		
148	57.0	46.7	70.1
111	49.3	39.6	59.4

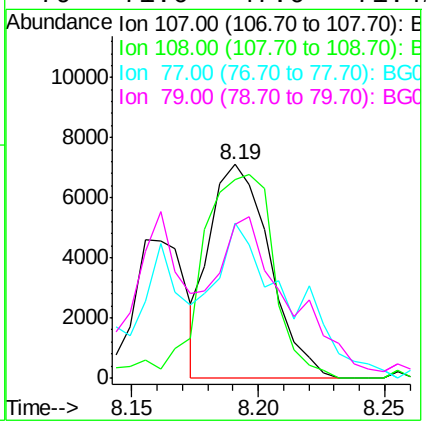


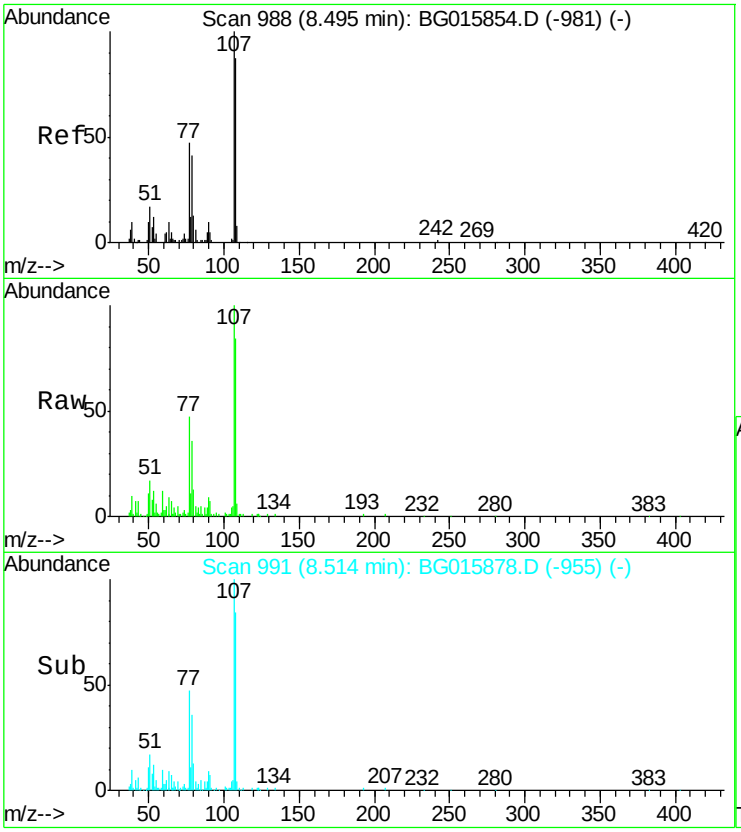


#17
2-Methylphenol
Concen: 6.04 ng m
RT: 8.19 min Scan# 936
Delta R.T. 0.01 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Tgt Ion:107 Resp: 11743

Ion	Ratio	Lower	Upper
107	100		
108	93.1	88.9	133.3
77	72.3	46.6	69.8#
79	71.6	47.6	71.4#



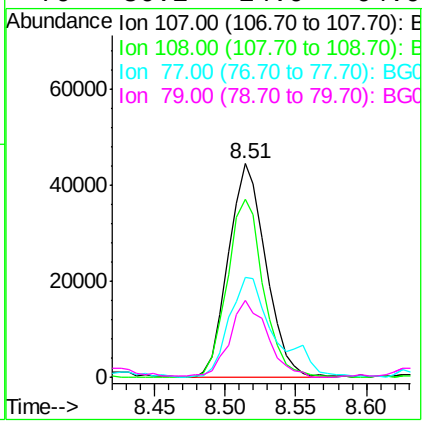


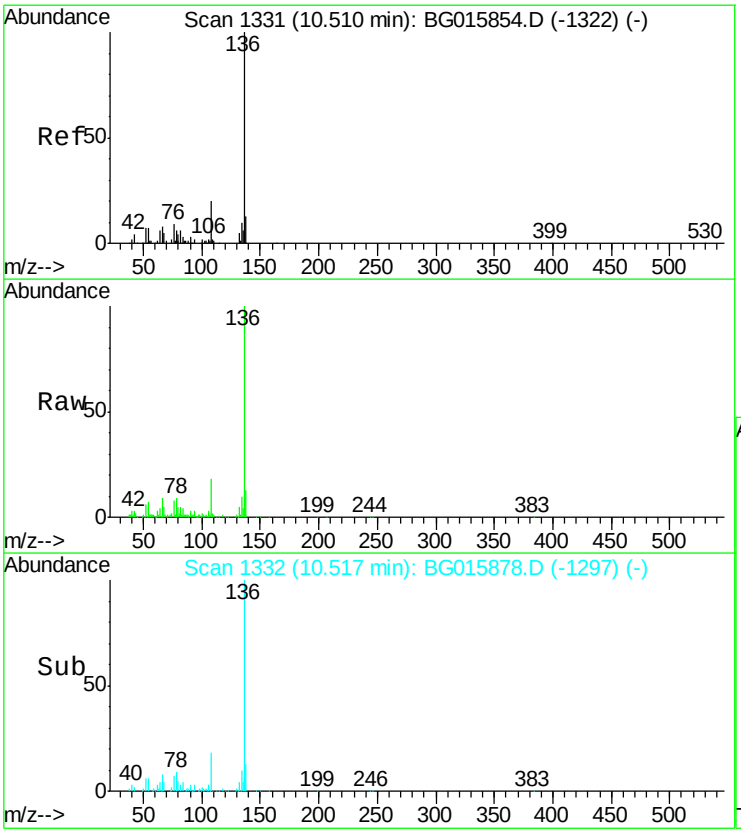
#20
3+4-Methylphenols
Concen: 31.84 ng
RT: 8.51 min Scan# 991
Delta R.T. 0.01 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Instrument :
BNA_G
ClientSampleId :
SP-9970

Tgt Ion:107 Resp: 82547

Ion	Ratio	Lower	Upper
107	100		
108	83.6	80.9	120.9
77	46.7	32.1	72.1
79	36.2	24.9	64.9

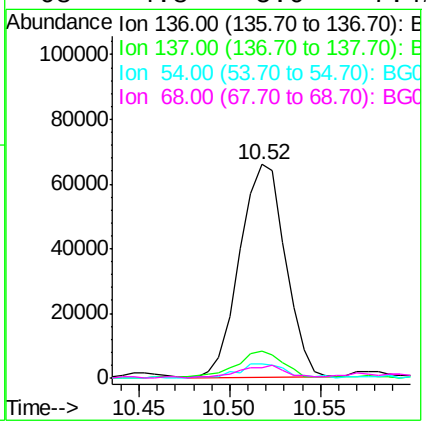


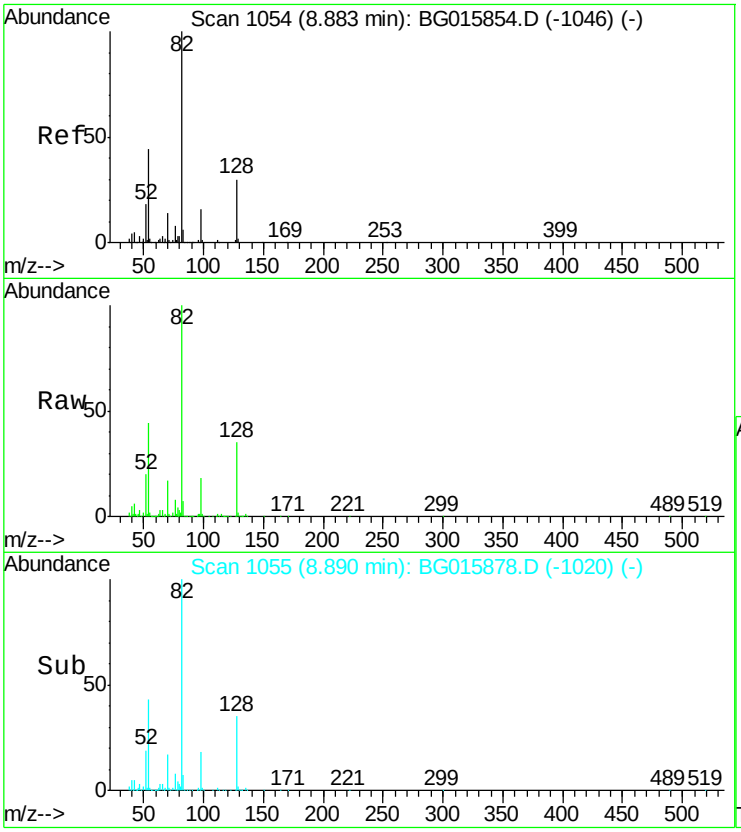


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.52 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Tgt Ion:136 Resp: 115485

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.6	14.4
54	6.8	4.5	6.7#
68	4.8	5.0	7.4#



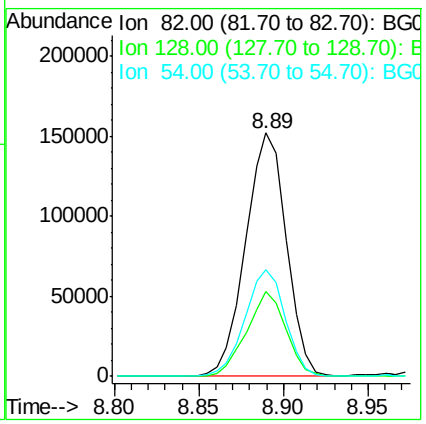


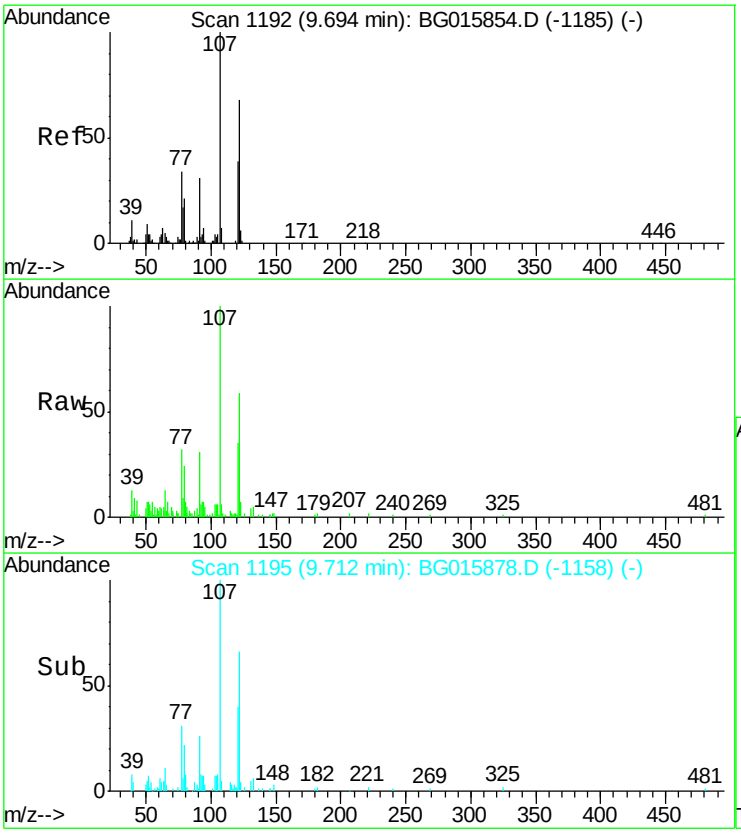
#23
Nitrobenzene-d5
Concen: 43.44 ng
RT: 8.89 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Instrument :
BNA_G
ClientSampleId :
SP-9970

Tgt Ion: 82 Resp: 255670

Ion	Ratio	Lower	Upper
82	100		
128	35.1	23.4	35.0#
54	43.7	32.3	48.5

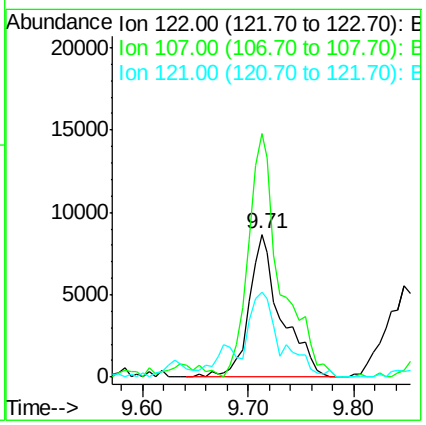


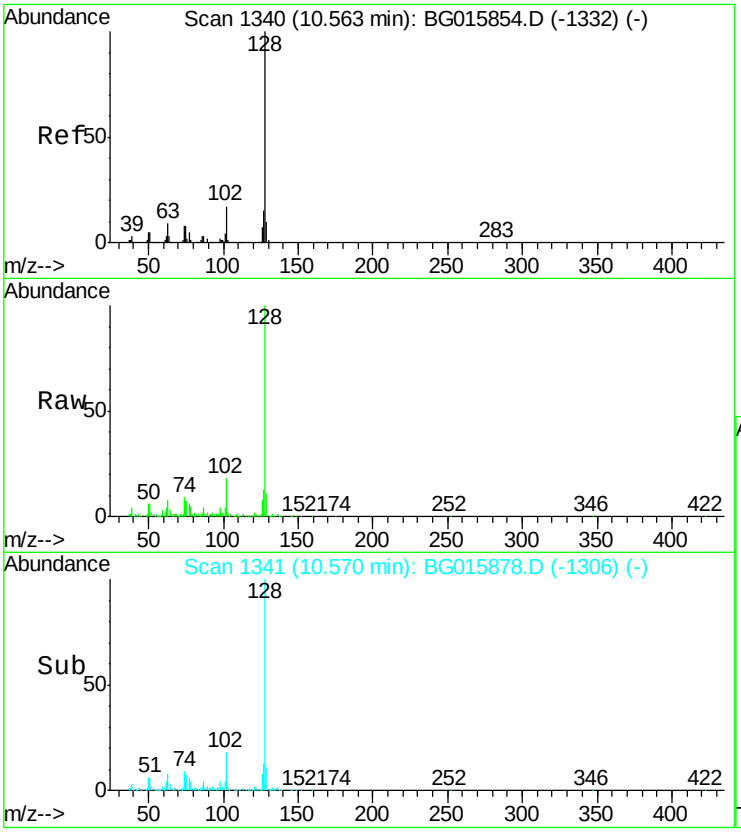


#27
2,4-Dimethylphenol
Concen: 9.67 ng
RT: 9.71 min Scan# 1195
Delta R.T. 0.02 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Tgt Ion:122 Resp: 18380

Ion	Ratio	Lower	Upper
122	100		
107	170.9	120.8	181.2
121	59.4	41.2	61.8



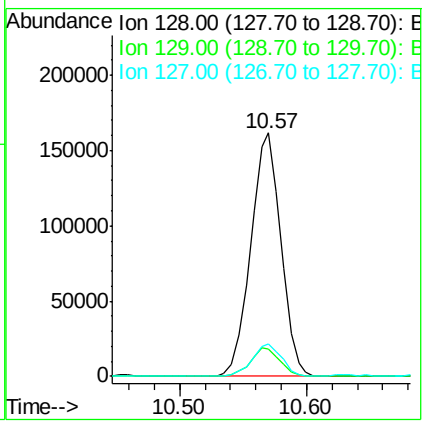


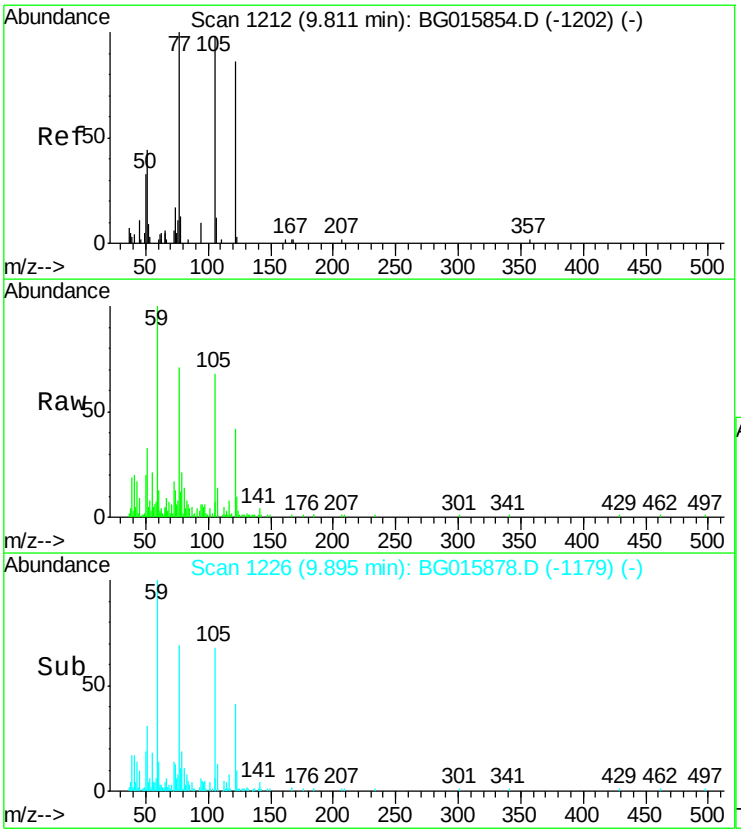
#31
Naphthalene
Concen: 43.80 ng
RT: 10.57 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Instrument :
BNA_G
ClientSampleId :
SP-9970

Tgt Ion:128 Resp: 267873

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	13.1	10.6	15.8

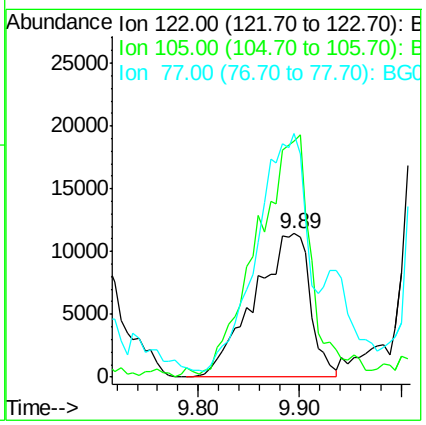


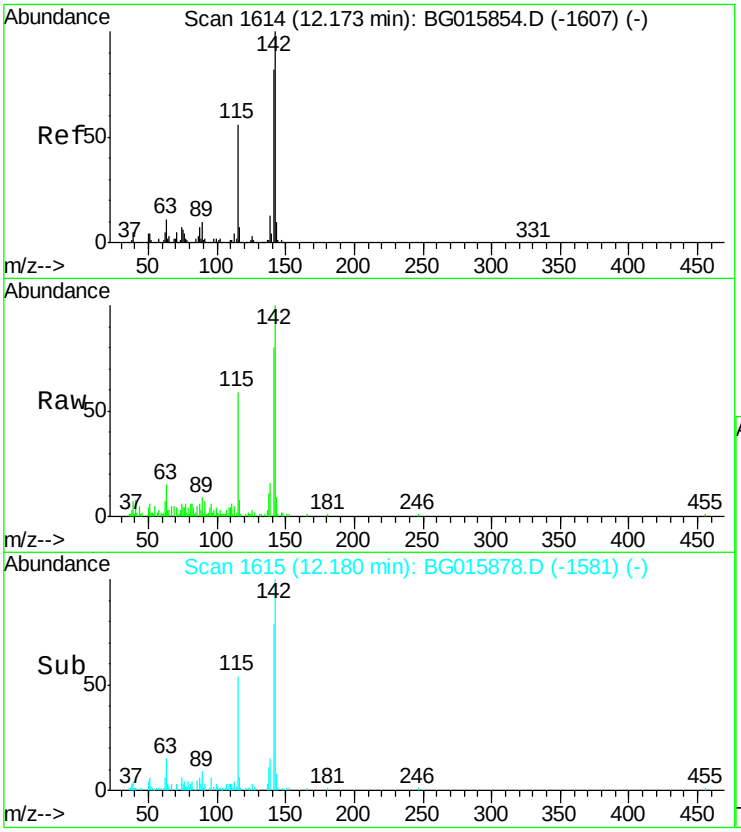


#32
Benzoic acid
Concen: 46.17 ng
RT: 9.89 min Scan# 1226
Delta R.T. 0.07 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Tgt Ion:122 Resp: 43764

Ion	Ratio	Lower	Upper
122	100		
105	163.9	123.7	163.7#
77	169.6	92.4	132.4#



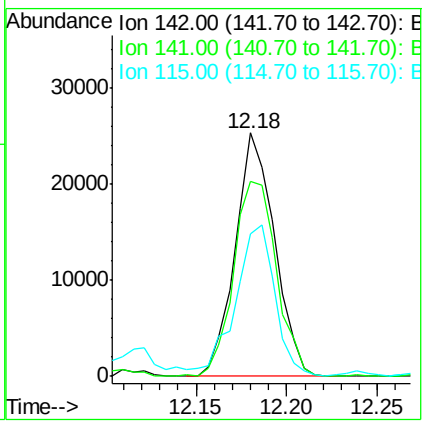


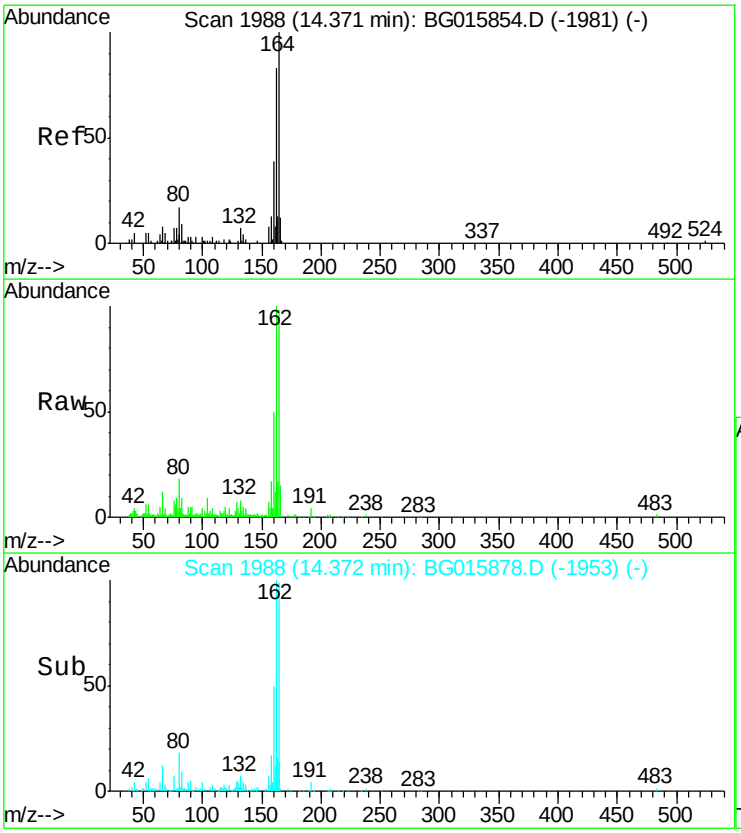
#37
2-Methylnaphthalene
Concen: 8.33 ng
RT: 12.18 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Instrument :
BNA_G
ClientSampleId :
SP-9970

Tgt Ion:142 Resp: 38133

Ion	Ratio	Lower	Upper
142	100		
141	80.1	67.3	100.9
115	58.7	44.3	66.5

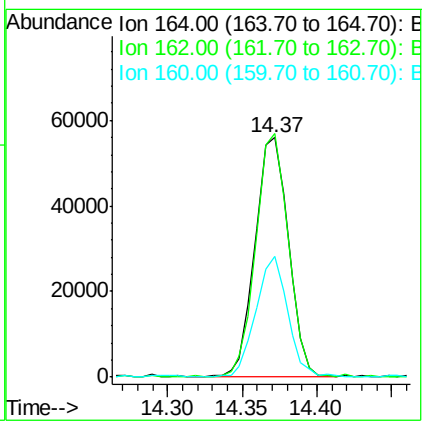


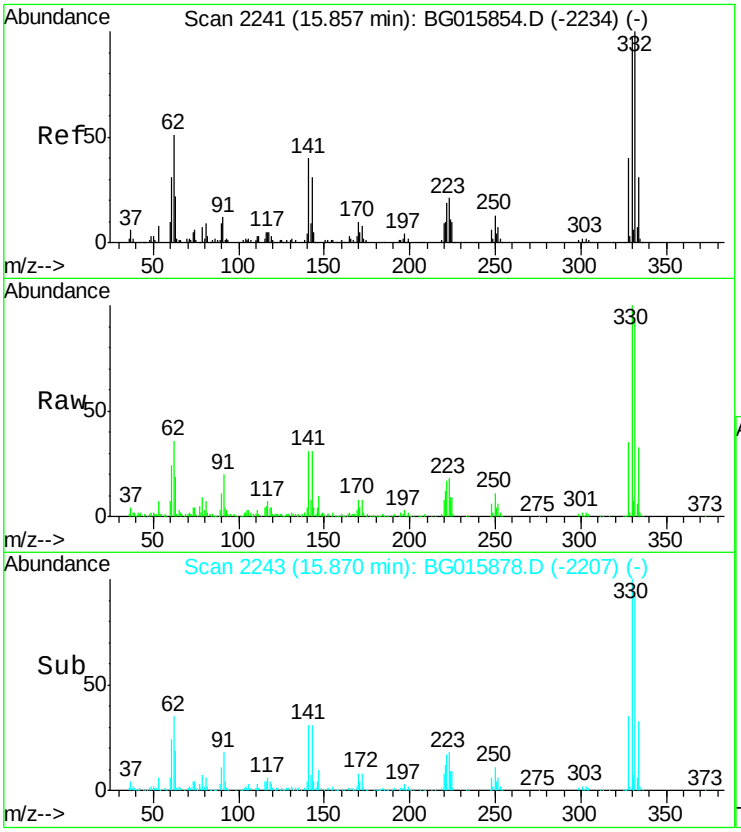


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Tgt Ion:164 Resp: 86800

Ion	Ratio	Lower	Upper
164	100		
162	101.7	75.5	113.3
160	50.6	37.4	56.0



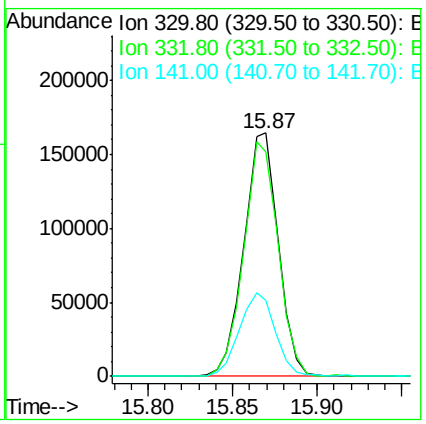


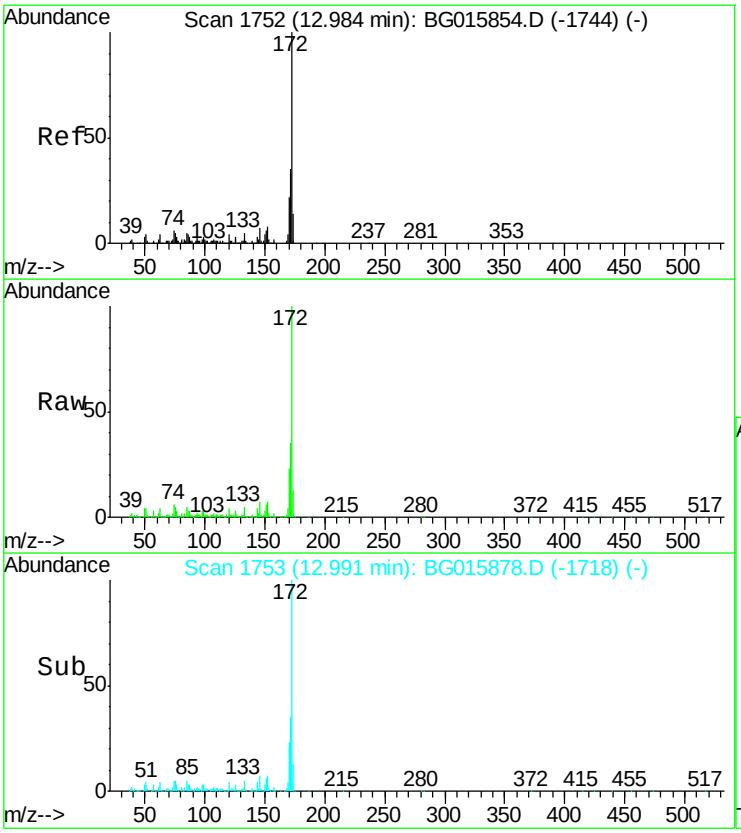
#41
2,4,6-Tribromophenol
Concen: 70.94 ng
RT: 15.87 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Instrument :
BNA_G
ClientSampleId :
SP-9970

Tgt Ion:330 Resp: 234082

Ion	Ratio	Lower	Upper
330	100		
332	96.1	73.8	110.8
141	35.8	27.2	40.8

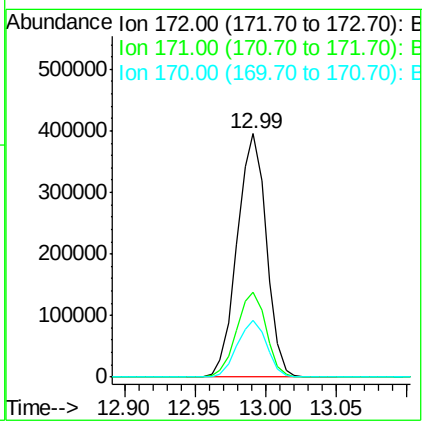


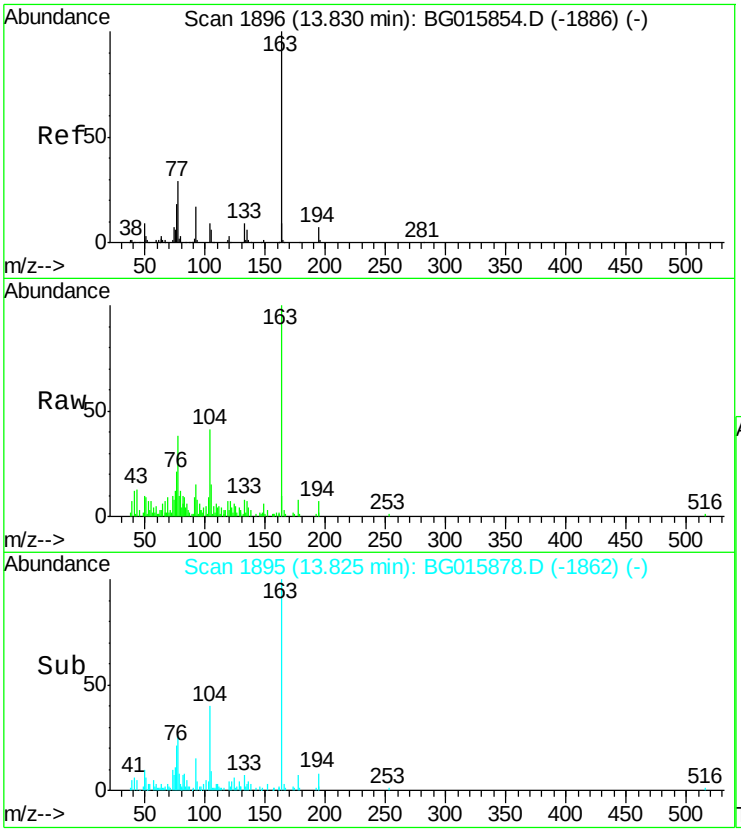


#44
2-Fluorobiphenyl
Concen: 46.99 ng
RT: 12.99 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Tgt Ion:172 Resp: 571030

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	43.0
170	23.2	18.2	27.4



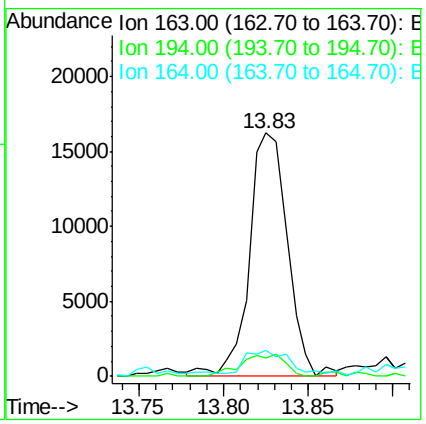


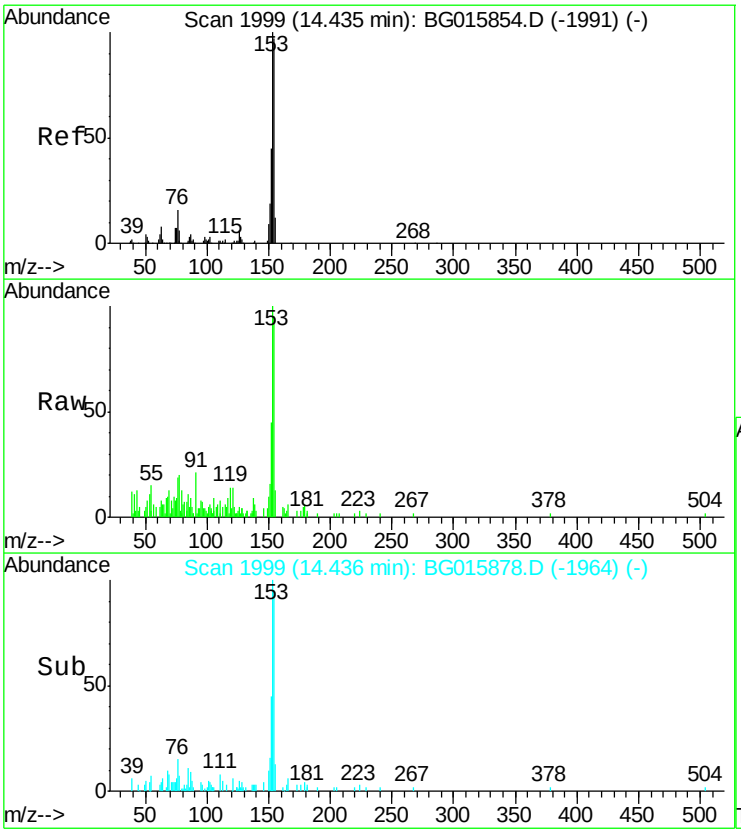
#49
Dimethylphthalate
Concen: 4.00 ng
RT: 13.83 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Instrument :
BNA_G
ClientSampleId :
SP-9970

Tgt Ion:163 Resp: 25618

Ion	Ratio	Lower	Upper
163	100		
194	7.4	6.7	10.1
164	10.5	7.4	11.0

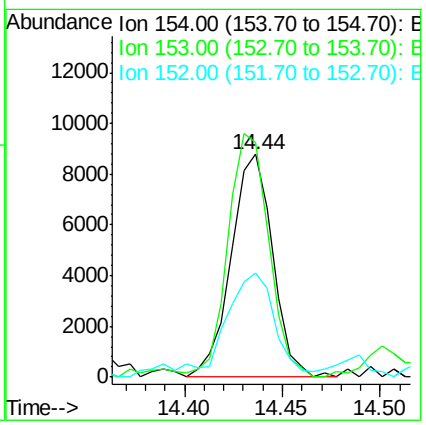


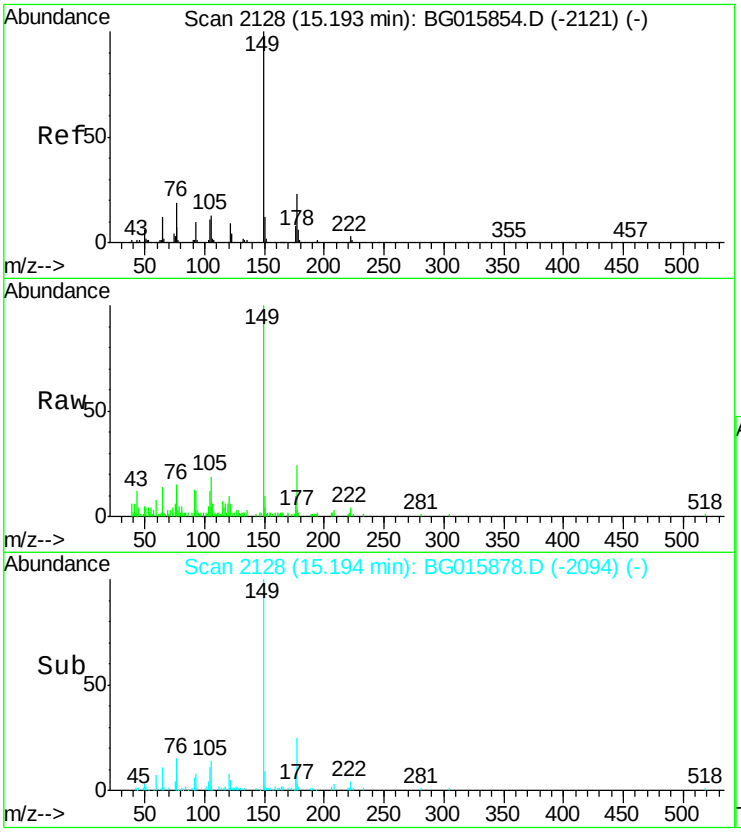


#51
Acenaphthene
Concen: 2.61 ng
RT: 14.44 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Tgt Ion:154 Resp: 12934

Ion	Ratio	Lower	Upper
154	100		
153	105.2	94.1	141.1
152	46.9	42.6	63.8



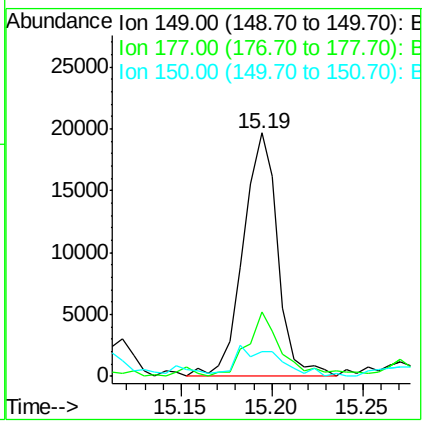


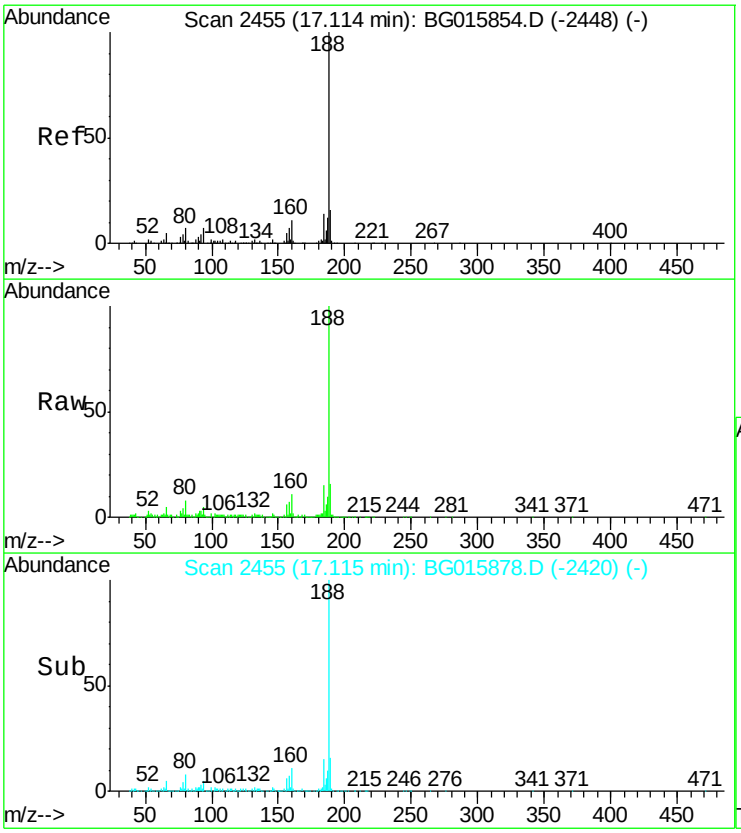
#59
Diethylphthalate
Concen: 3.69 ng
RT: 15.19 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Instrument :
BNA_G
ClientSampleId :
SP-9970

Tgt Ion:149 Resp: 26078

Ion	Ratio	Lower	Upper
149	100		
177	26.5	18.2	27.4
150	9.9	10.0	15.0#

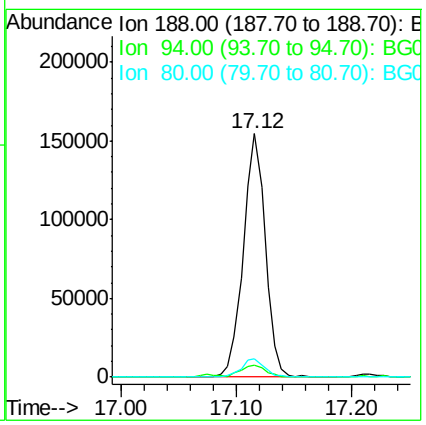


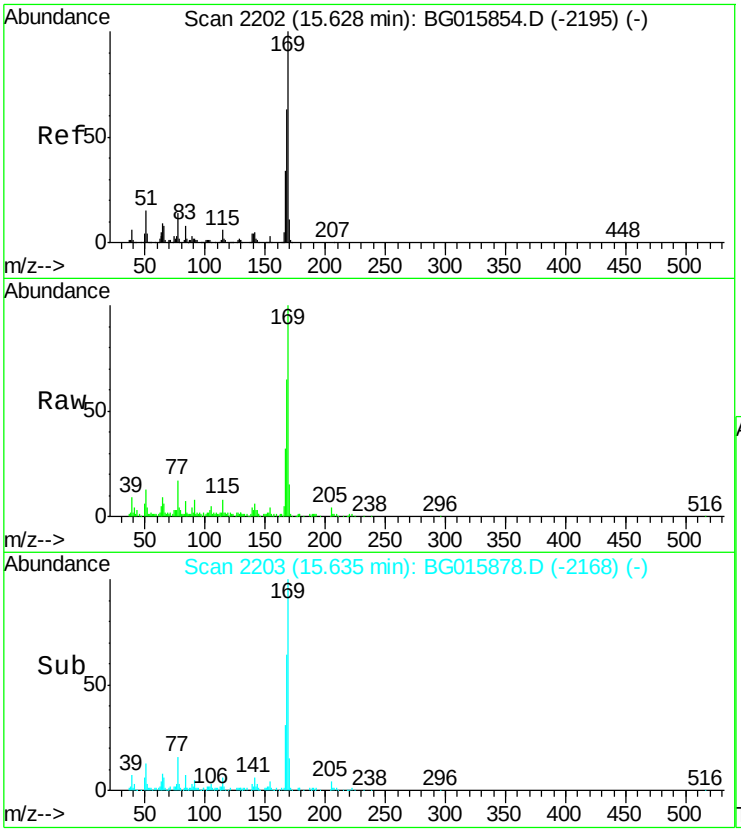


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Tgt Ion:188 Resp: 204767

Ion	Ratio	Lower	Upper
188	100		
94	5.0	5.4	8.0#
80	7.6	6.6	9.8



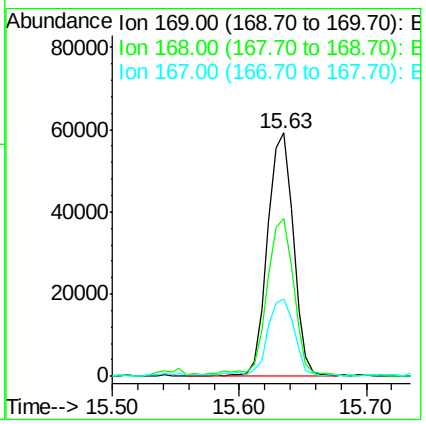


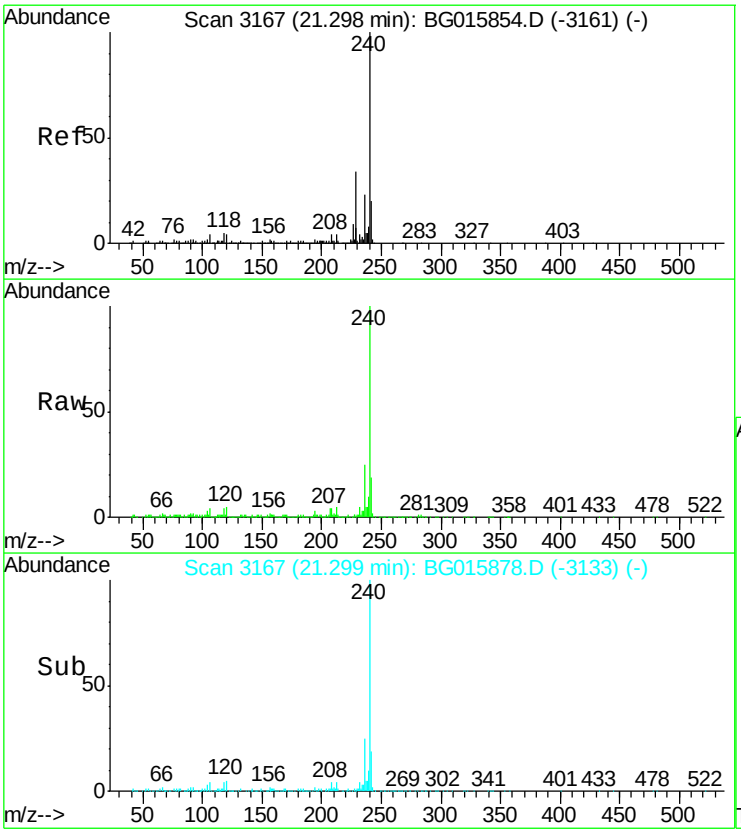
#65
n-Nitrosodiphenylamine
Concen: 14.25 ng
RT: 15.63 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Instrument :
BNA_G
ClientSampleId :
SP-9970

Tgt Ion:169 Resp: 83891

Ion	Ratio	Lower	Upper
169	100		
168	64.8	52.7	79.1
167	31.9	29.3	43.9

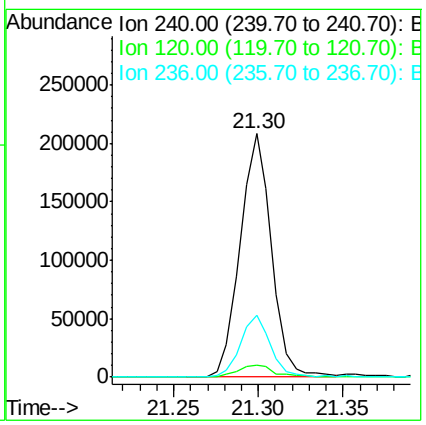


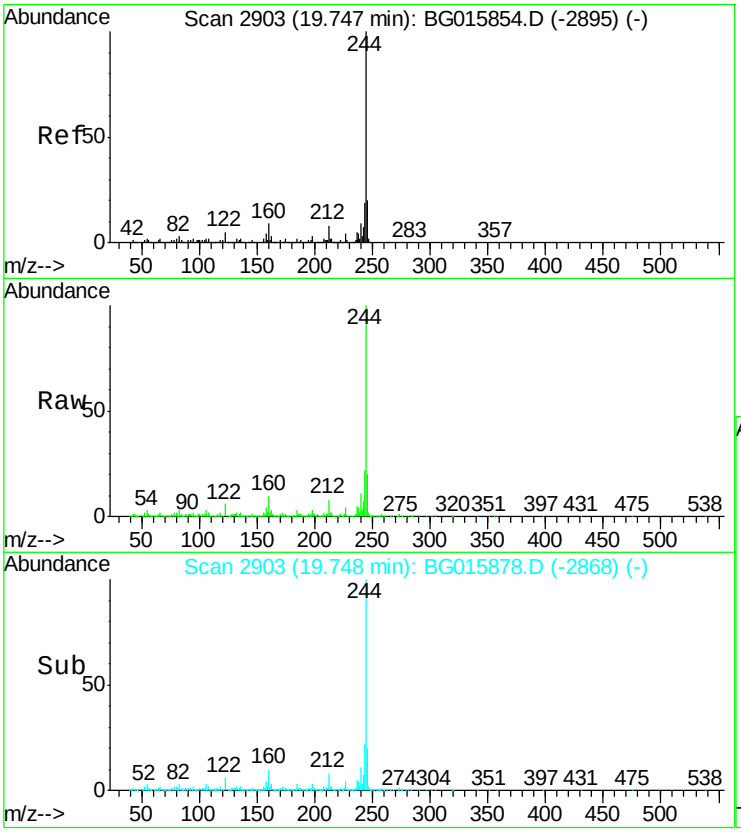


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.30 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Tgt Ion:240 Resp: 269721

Ion	Ratio	Lower	Upper
240	100		
120	4.9	3.4	5.2
236	25.4	19.0	28.6



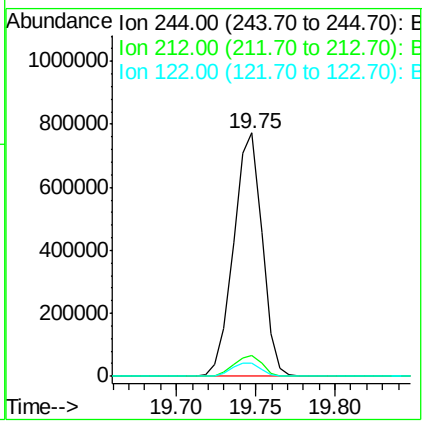


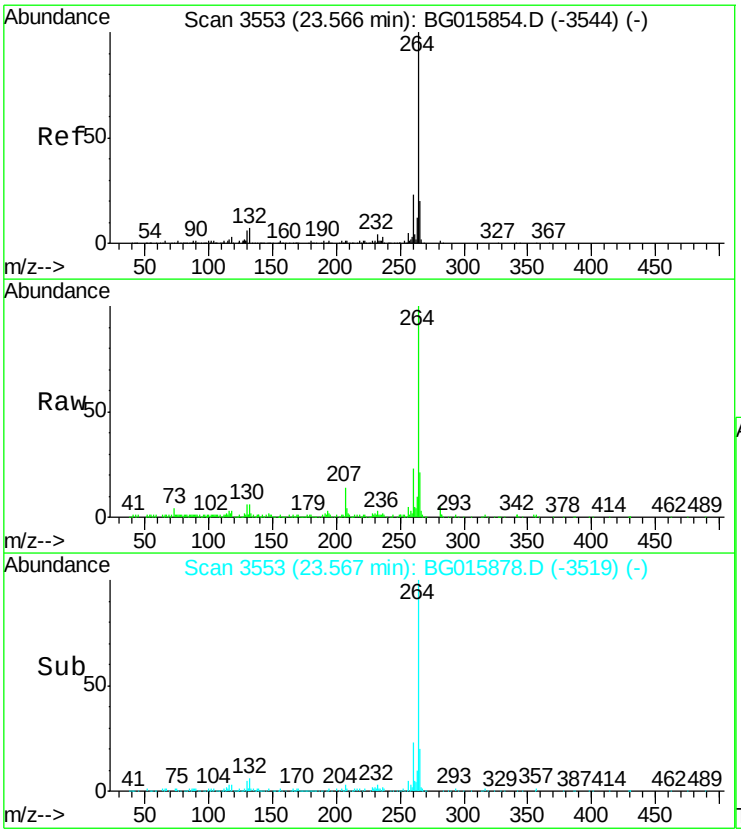
#78
Terphenyl-d14
Concen: 39.98 ng
RT: 19.75 min Scan# 2903
Delta R.T. 0.00 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Instrument :
BNA_G
ClientSampleId :
SP-9970

Tgt Ion:244 Resp: 965135

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	9.8
122	5.6	4.7	7.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.57 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BG015878.D
Acq: 9 Jan 2015 20:04

Tgt Ion:264 Resp: 214731

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.0	25.4
265	21.1	17.4	26.0