Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021715\
Data File : BG015999.D
Acq On : 17 Feb 2015 16:44
Operator : TP/IZ
Sample : G1291-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1J30

Quant Time: Feb 17 18:16:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 17 17:56:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	53221	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	239945	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	151699	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	318104	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	341623	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	322722	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	6622	5.10	ng/uL	0.00
5) Phenol-d5	6.96	99	158180	29.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	89864	29.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	115819	29.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	122656	29.88	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	58884	29.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	57284	28.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	105574	29.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	142240	35.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	349850	34.34	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	461330	33.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	72264	28.41	ng/ul	0.00
57) Fluorene-d10	15.43	176	342949	34.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	34437	18.30	ng/ul	0.00
70) Anthracene-d10	17.28	188	527552	36.11	ng/ul	0.00
76) Pyrene-d10	19.57	212	573135	37.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	530108	37.10	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.99	94	291887	53.07	ng/ul	97
20) Nitrobenzene	9.00	77	193131	42.13	ng/ul	98
21) Isophorone	9.53	82	501864	53.30	ng/ul	99
28) Naphthalene	10.65	128	746284	59.77	ng/ul	100
34) 2-Methylnaphthalene	12.26	142	432068	48.17	ng/ul	99
38) 2,4,6-Trichlorophenol	12.87	196	157570	60.65	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	461083	40.22	ng/ul	98
44) Dimethylphthalate	13.90	163	22076	2.01	ng/ul	97
47) Acenaphthylene	14.16	152	398417	26.71	ng/ul	100
53) Dibenzofuran	14.84	168	712544	53.77	ng/ul	98
56) Diethylphthalate	15.26	149	468149	41.12	ng/ul	99
66) Hexachlorobenzene	16.49	284	132026	35.59	ng/ul	99
68) Pentachlorophenol	16.83	266	131562	59.56	ng/ul	99
71) Anthracene	17.31	178	867306	48.97	ng/ul	97
72) Carbazole	17.59	167	996087	63.59	ng/ul	98
74) Fluoranthene	19.24	202	929785	53.41	ng/ul	98
80) Benzo(a)anthracene	21.34	228	732844	39.17	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	599868	50.34	ng/ul	99
84) Di-n-octyl phthalate	22.17	149	1072402	60.30	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	26.03	276	995604	47.27	ng/ul	97
90) Dibenzo(a,h)anthracene	26.04	278	881107	49.70	ng/ul	98
91) Benzo(g,h,i)perylene	26.76	276	880865	50.12	ng/ul	97

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021715\
Data File : BG015999.D
Acq On : 17 Feb 2015 16:44
Operator : TP/IZ
Sample : G1291-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
X1J30

Quant Time: Feb 17 18:16:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 17 17:56:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

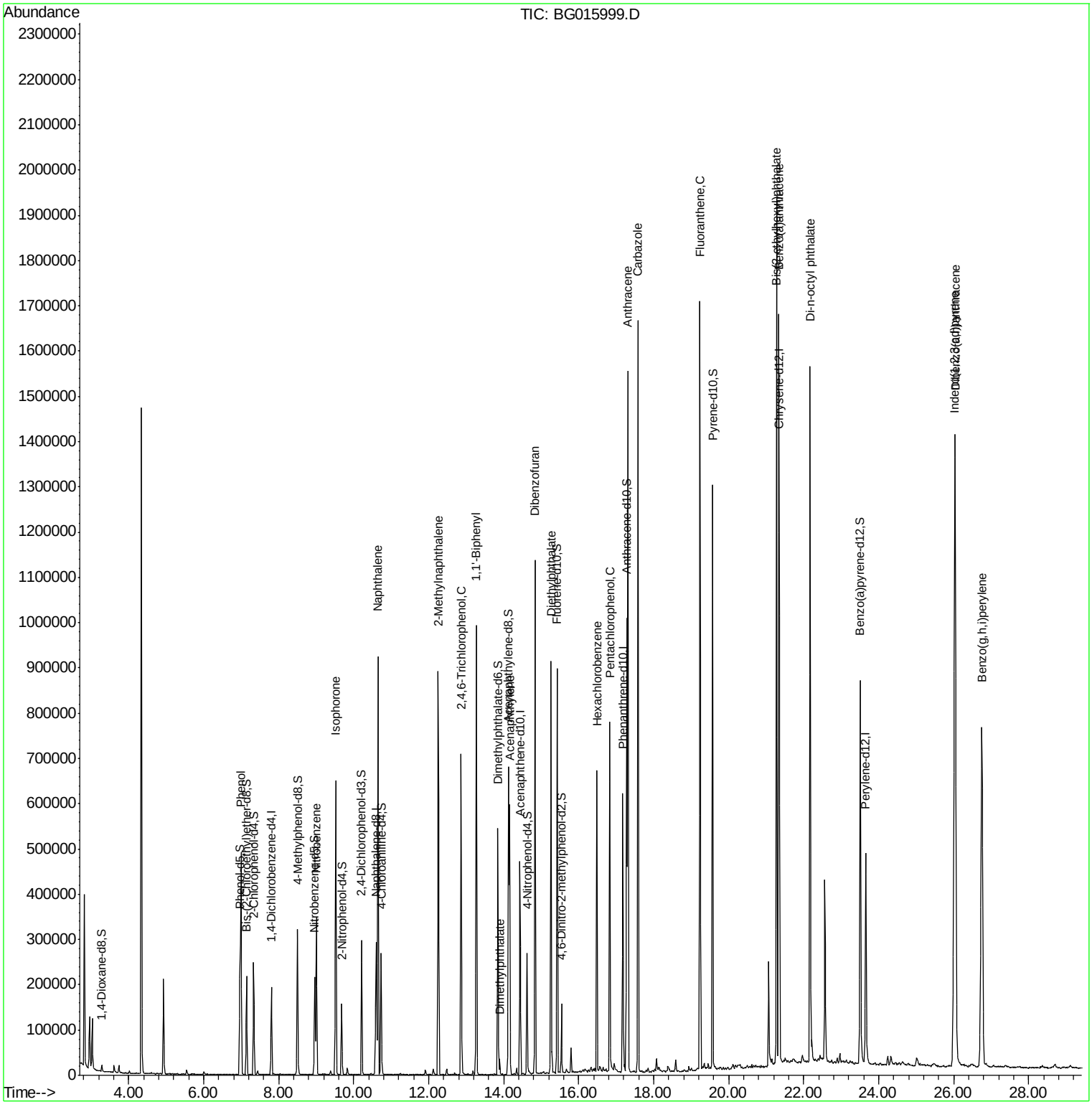
(#) = qualifier out of range (m) = manual integration (+) = signals summed

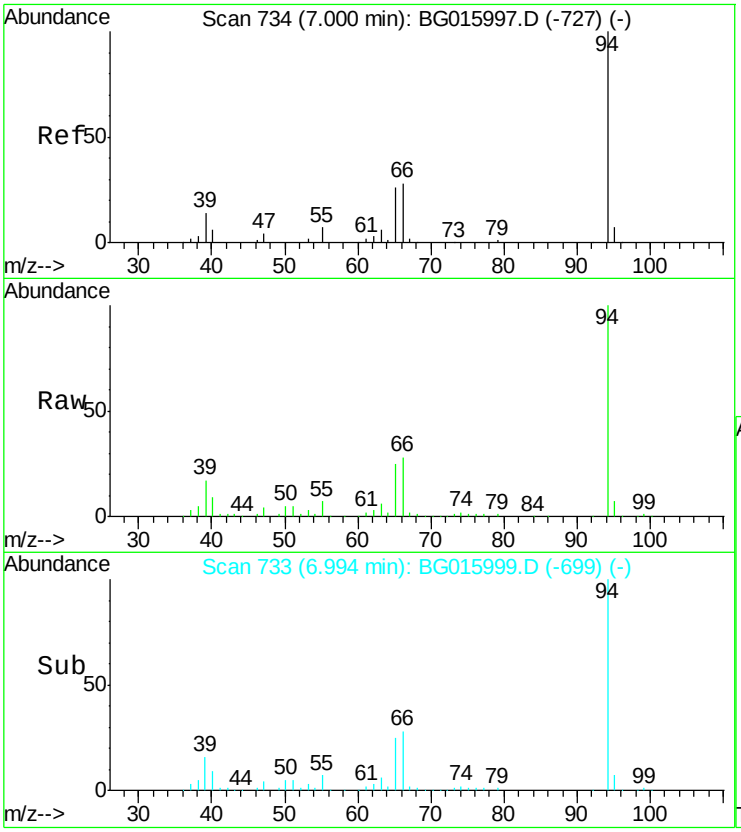
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021715\
Data File : BG015999.D
Acq On : 17 Feb 2015 16:44
Operator : TP/IZ
Sample : G1291-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1J30

Quant Time: Feb 17 18:16:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 17 17:56:20 2015
Response via : Initial Calibration



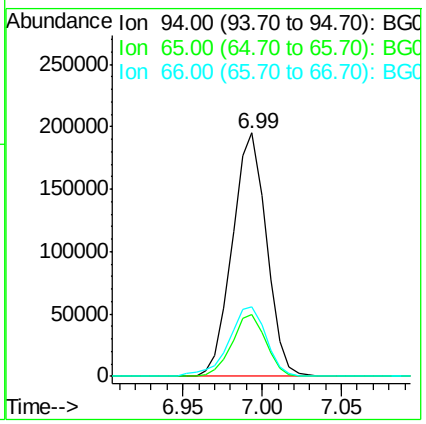


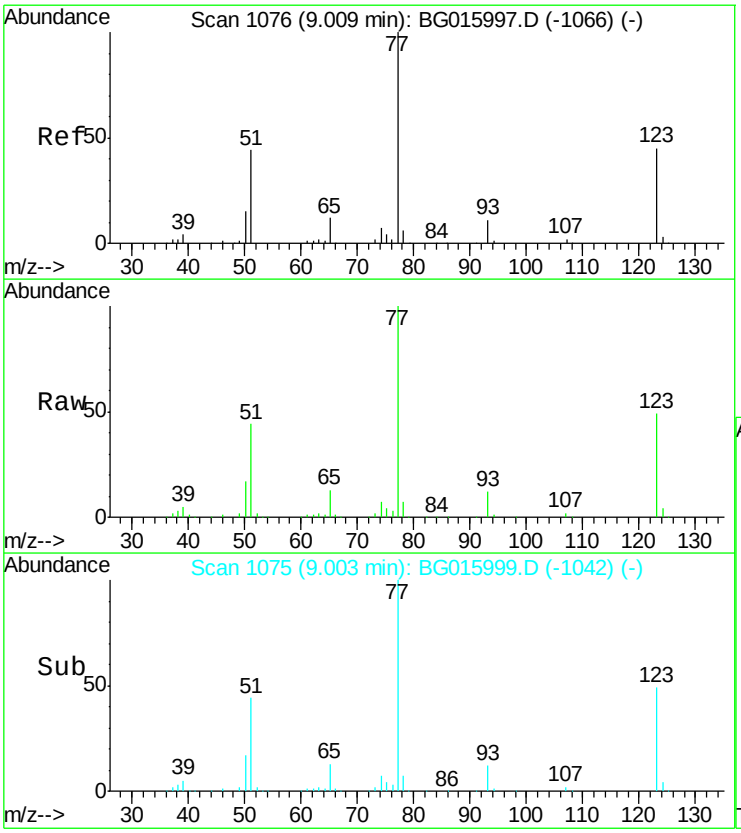
#6
Phenol
Concen: 53.07 ng/ul
RT: 6.99 min Scan# 733
Delta R.T. -0.00 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Instrument : BNA_G
ClientSampleId : X1J30

Tgt Ion: 94 Resp: 291887

Ion	Ratio	Lower	Upper
94	100		
65	25.4	21.0	31.6
66	28.4	24.4	36.6

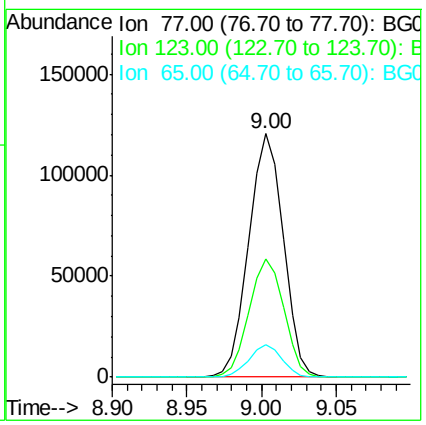


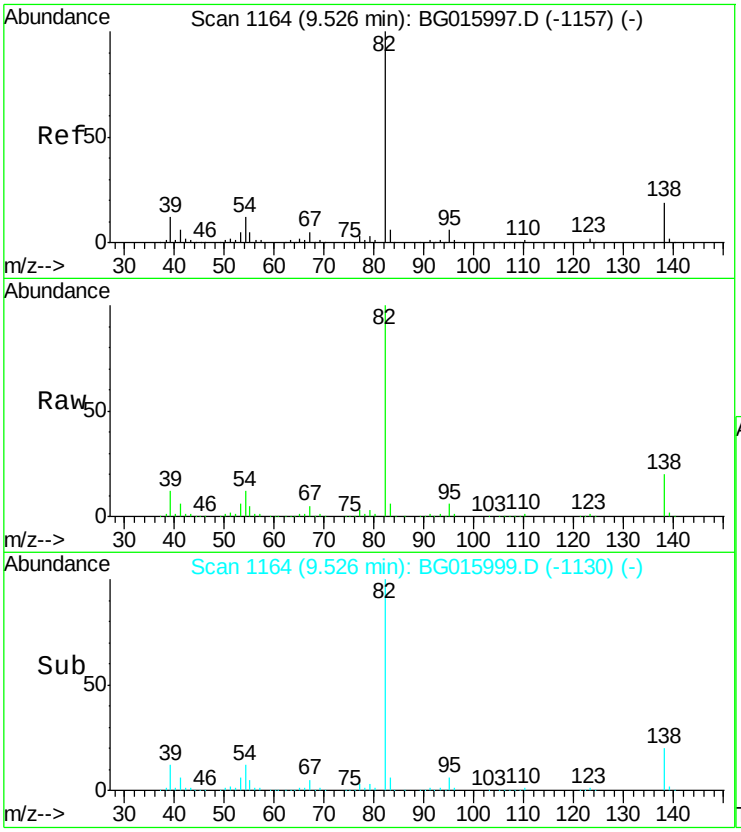


#20
Nitrobenzene
Concen: 42.13 ng/ul
RT: 9.00 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Tgt Ion: 77 Resp: 193131

Ion	Ratio	Lower	Upper
77	100		
123	48.8	39.9	59.9
65	13.1	10.2	15.2



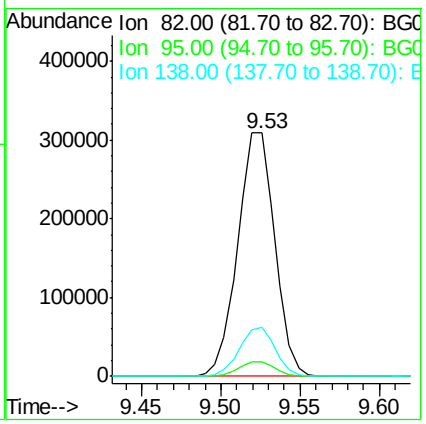


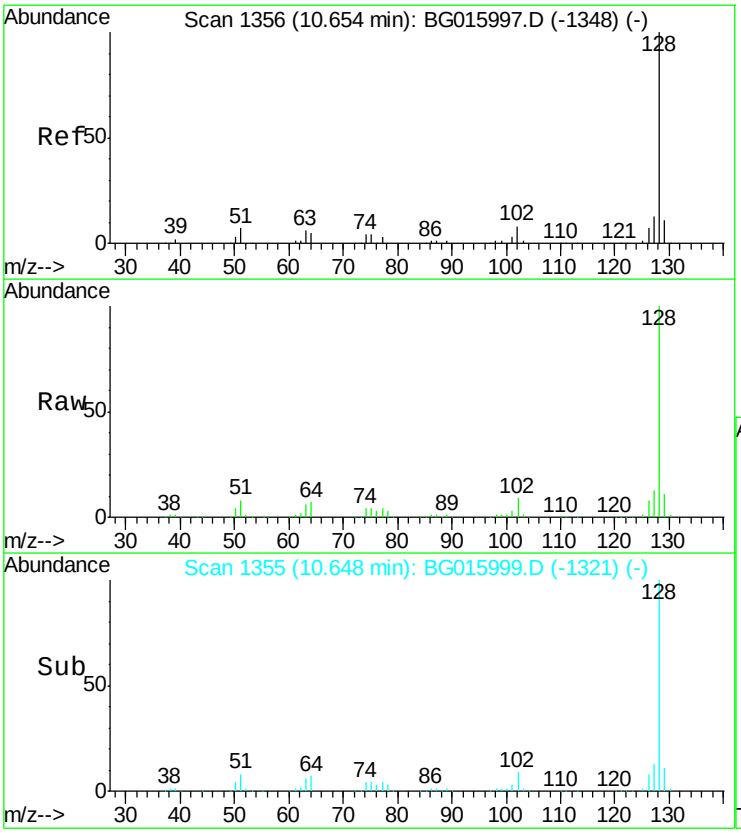
#21
Isophorone
Concen: 53.30 ng/ul
RT: 9.53 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Instrument :
BNA_G
ClientSampleId :
X1J30

Tgt Ion: 82 Resp: 501864

Ion	Ratio	Lower	Upper
82	100		
95	5.9	4.8	7.2
138	20.1	15.4	23.2

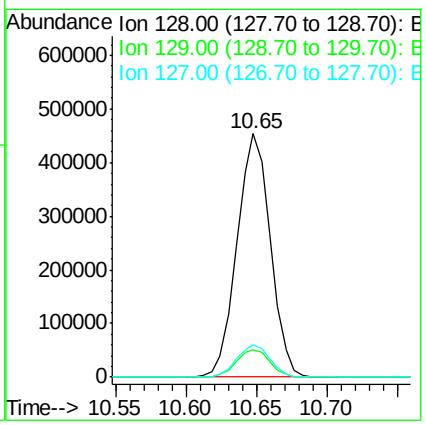


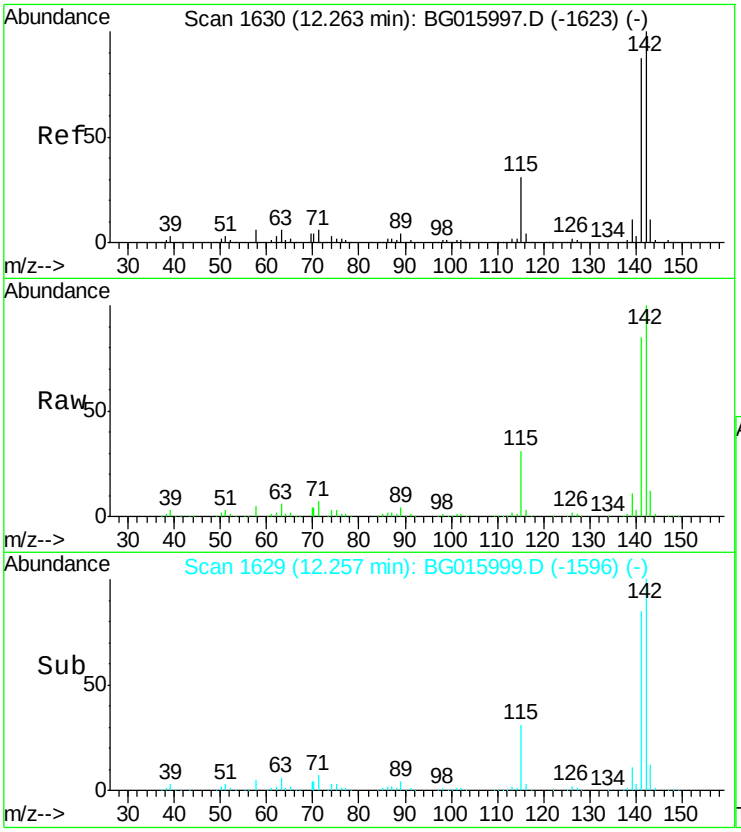


#28
Naphthalene
Concen: 59.77 ng/ul
RT: 10.65 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Tgt Ion:128 Resp: 746284

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.3	10.7	16.1



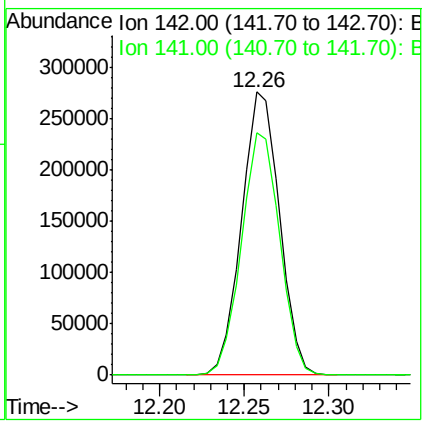


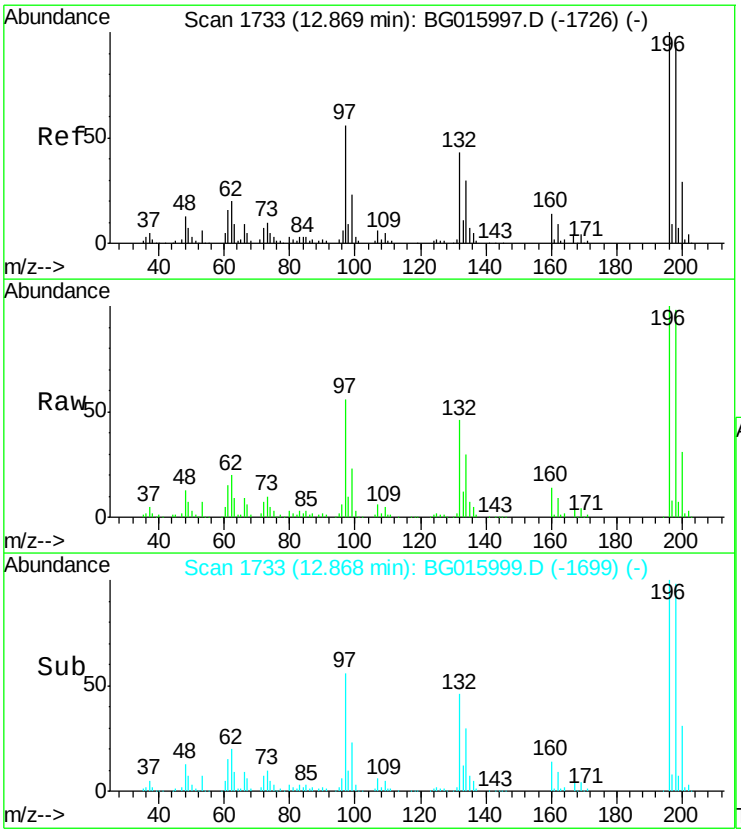
#34
2-Methylnaphthalene
Concen: 48.17 ng/ul
RT: 12.26 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Instrument :
BNA_G
ClientSampleId :
X1J30

Tgt Ion:142 Resp: 432068

Ion	Ratio	Lower	Upper
142	100		
141	85.4	67.7	101.5

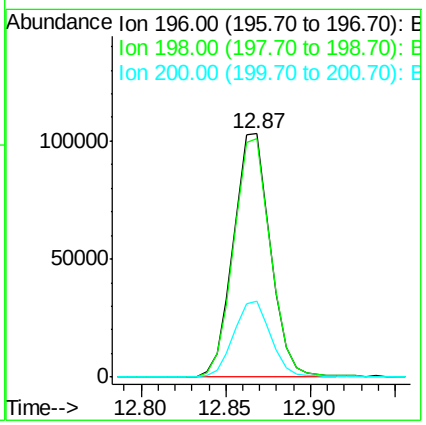


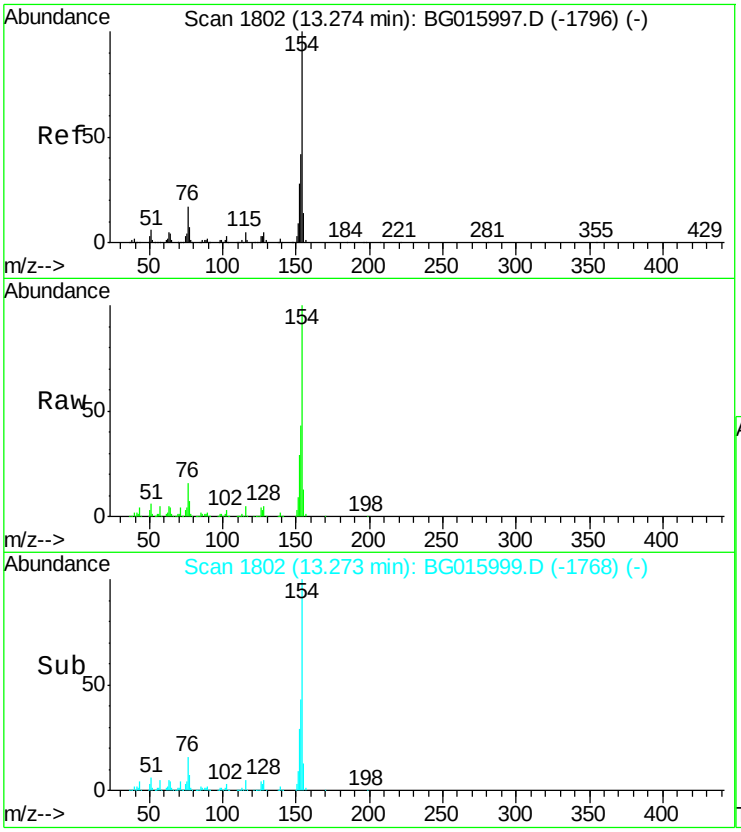


#38
2,4,6-Trichlorophenol
Concen: 60.65 ng/ul
RT: 12.87 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Tgt Ion:196 Resp: 157570

Ion	Ratio	Lower	Upper
196	100		
198	98.1	77.4	116.2
200	31.1	25.1	37.7



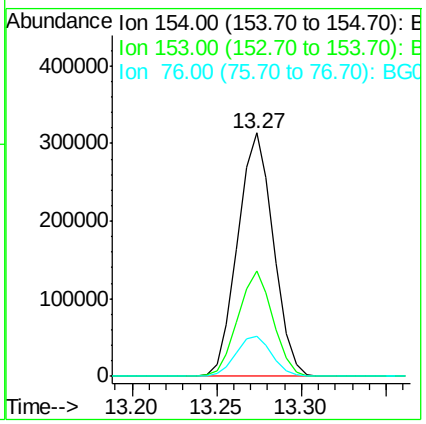


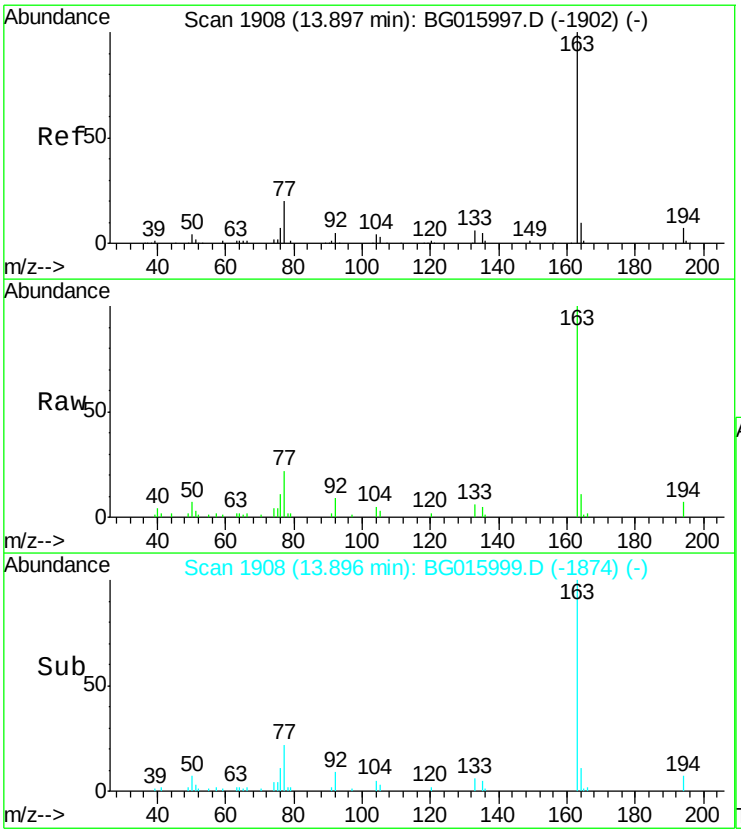
#40
1,1'-Biphenyl
Concen: 40.22 ng/ul
RT: 13.27 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Instrument :
BNA_G
ClientSampleId :
X1J30

Tgt Ion:154 Resp: 461083

Ion	Ratio	Lower	Upper
154	100		
153	43.2	33.1	49.7
76	16.3	12.6	19.0

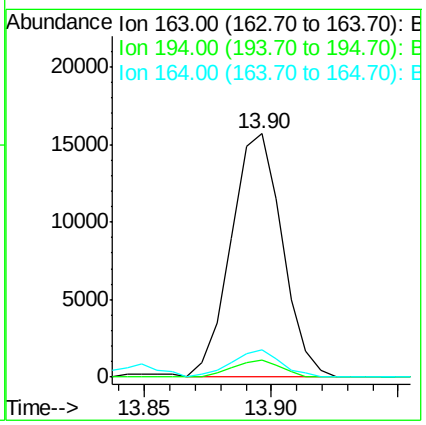


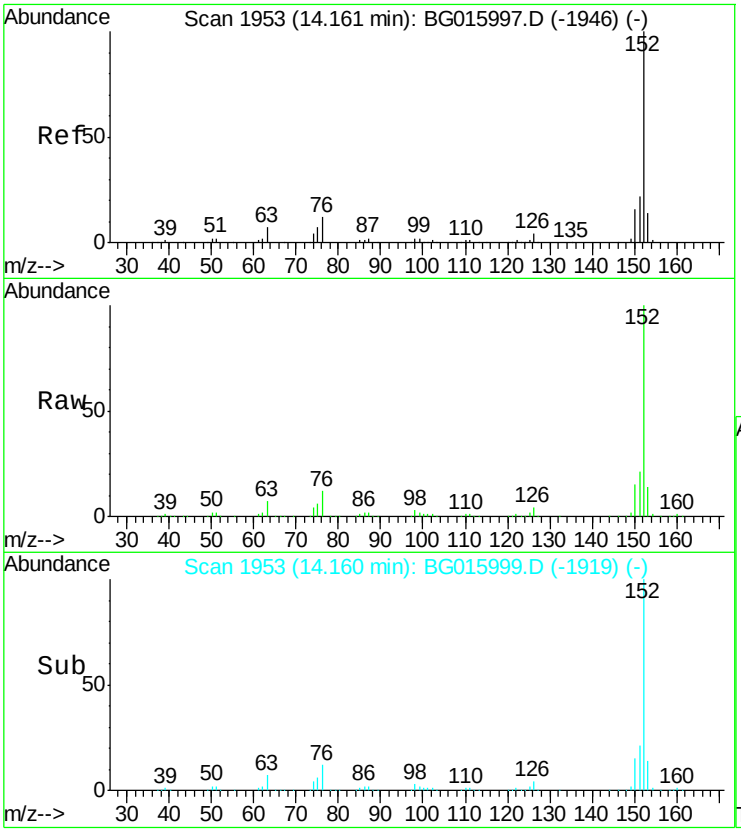


#44
Dimethylphthalate
Concen: 2.01 ng/ul
RT: 13.90 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Tgt Ion:163 Resp: 22076

Ion	Ratio	Lower	Upper
163	100		
194	7.2	5.2	7.8
164	11.1	8.0	12.0



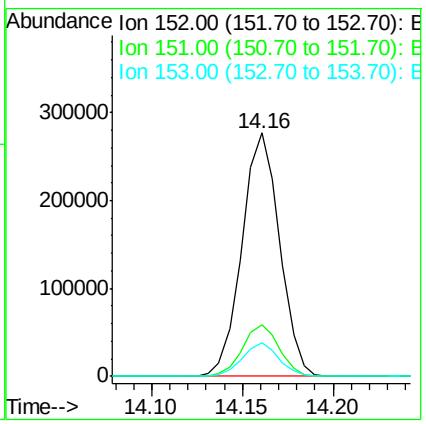


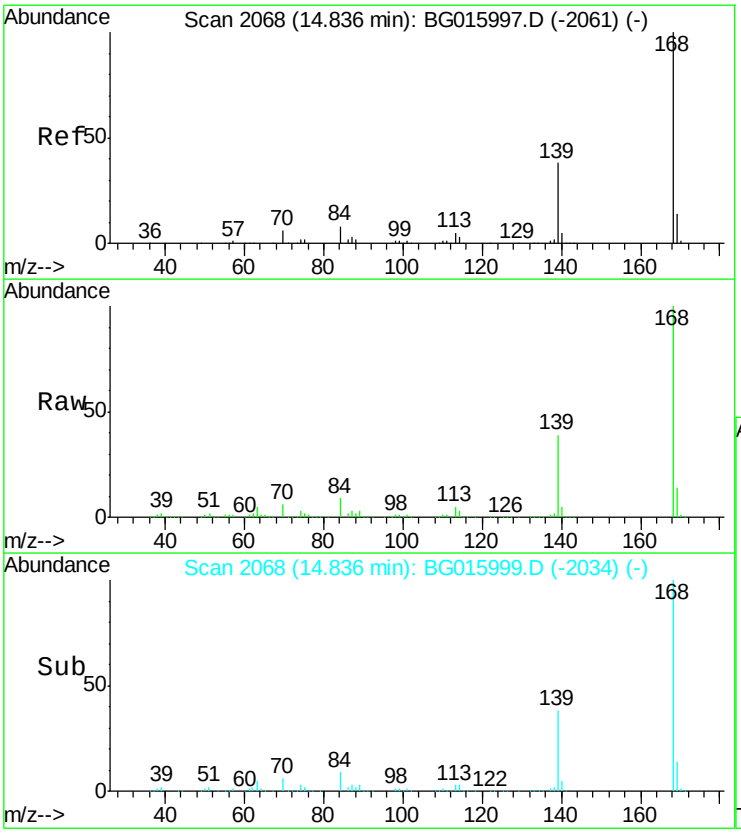
#47
Acenaphthylene
Concen: 26.71 ng/ul
RT: 14.16 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Instrument :
BNA_G
ClientSampleId :
X1J30

Tgt Ion:152 Resp: 398417

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.0	25.6
153	13.6	10.8	16.2

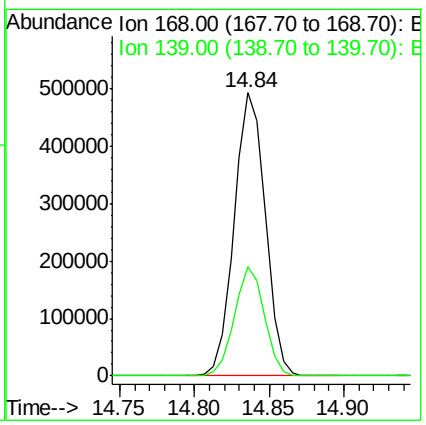


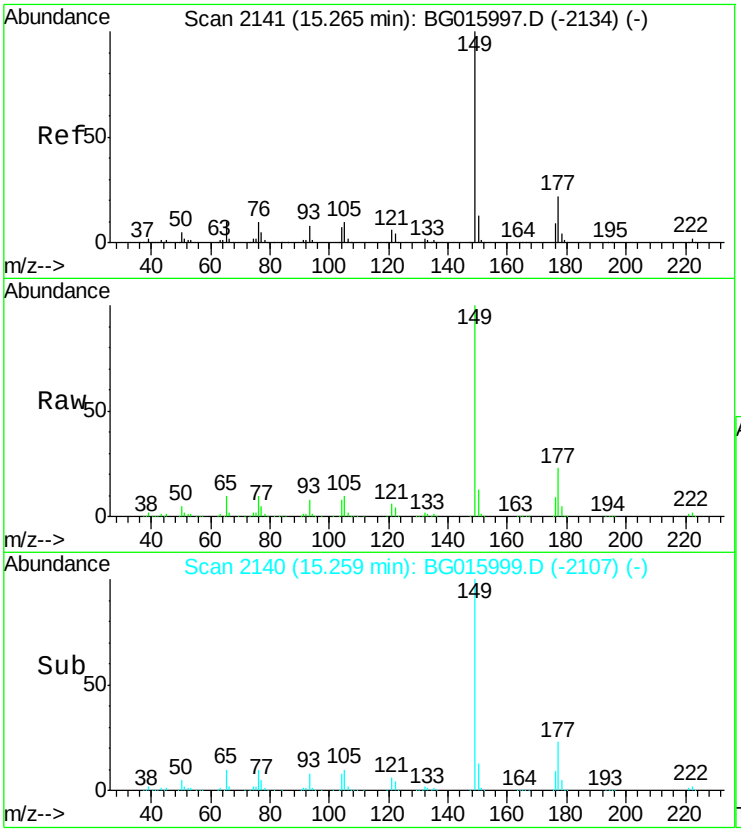


#53
Dibenzofuran
Concen: 53.77 ng/ul
RT: 14.84 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Tgt Ion:168 Resp: 712544

Ion	Ratio	Lower	Upper
168	100		
139	38.6	29.9	44.9



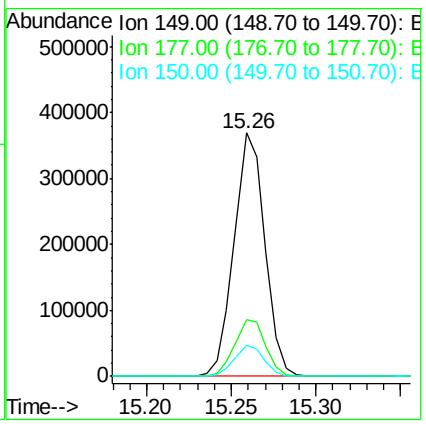


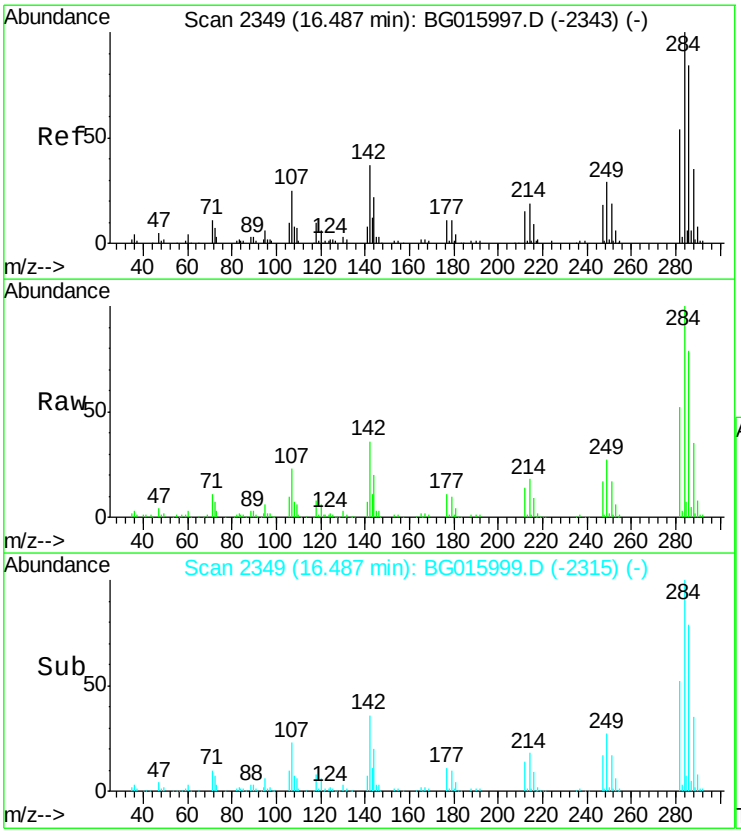
#56
Diethylphthalate
Concen: 41.12 ng/ul
RT: 15.26 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Instrument :
BNA_G
ClientSampleId :
X1J30

Tgt Ion:149 Resp: 468149

Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.8	28.2
150	13.0	9.6	14.4

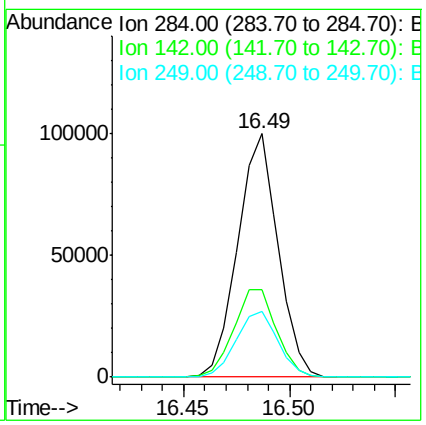


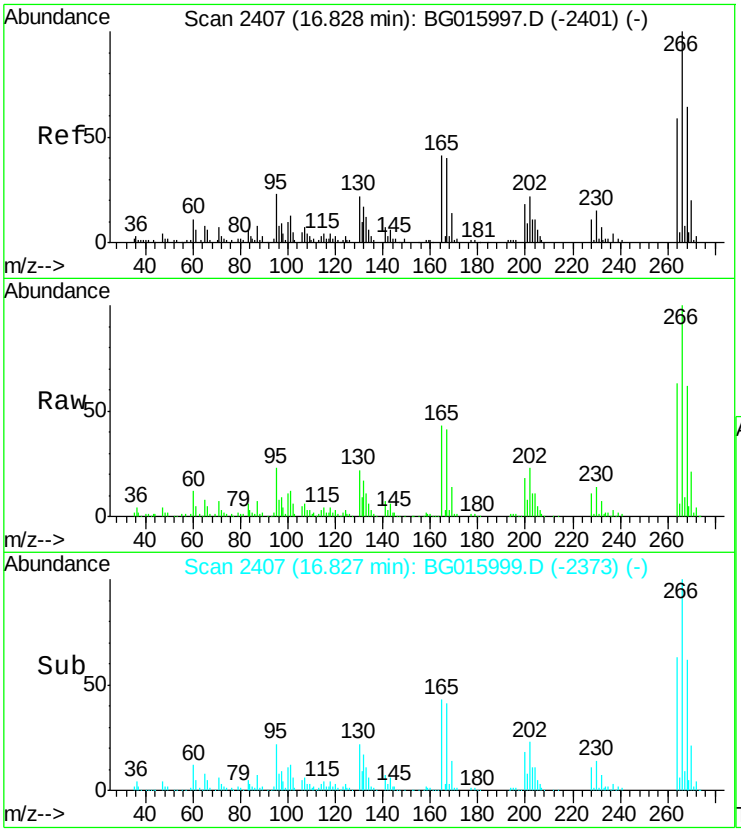


#66
Hexachlorobenzene
Concen: 35.59 ng/ul
RT: 16.49 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Tgt Ion:284 Resp: 132026

Ion	Ratio	Lower	Upper
284	100		
142	36.0	28.4	42.6
249	26.7	22.3	33.5



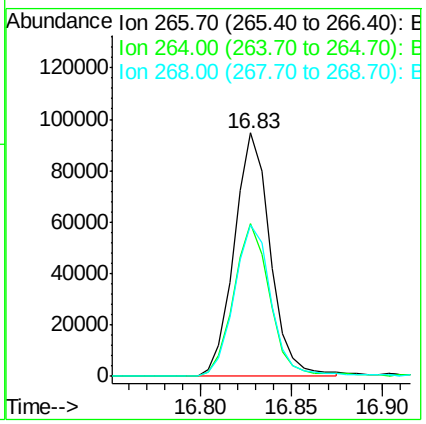


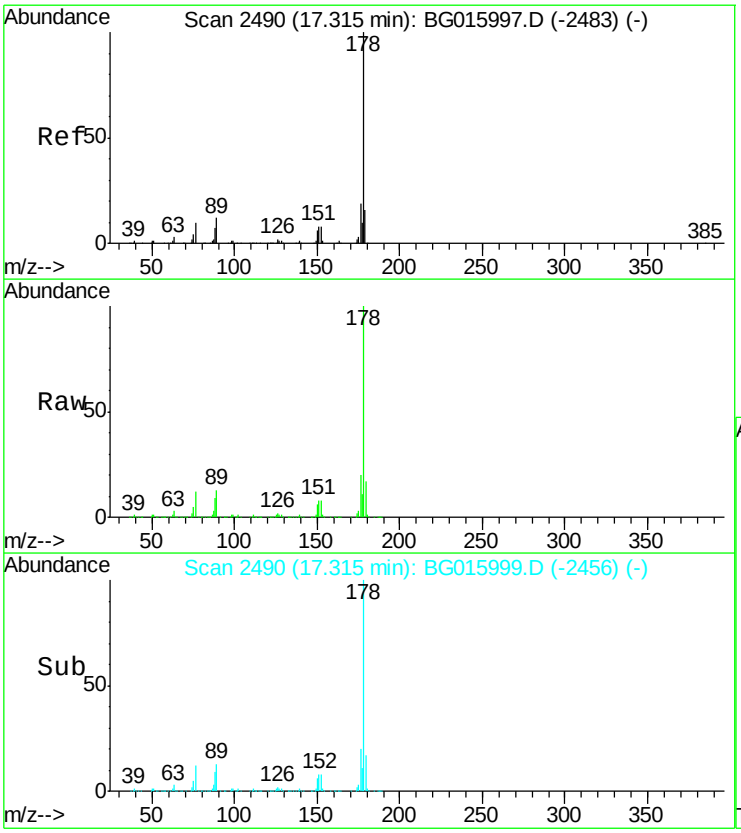
#68
Pentachlorophenol
Concen: 59.56 ng/ul
RT: 16.83 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Instrument :
BNA_G
ClientSampleId :
X1J30

Tgt Ion:266 Resp: 131562

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.2	75.4
268	62.3	50.4	75.6

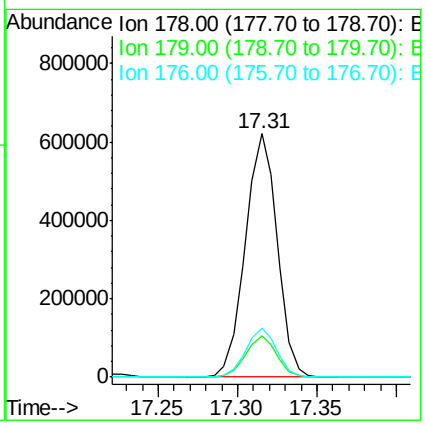


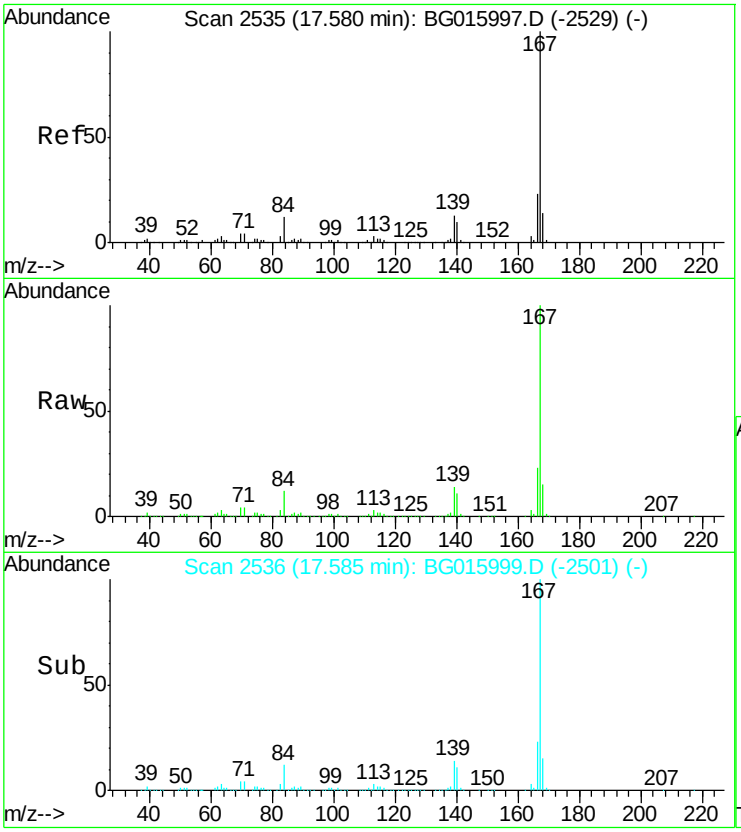


#71
Anthracene
Concen: 48.97 ng/ul
RT: 17.31 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Tgt Ion:178 Resp: 867306

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.6	19.0
176	20.4	15.3	22.9



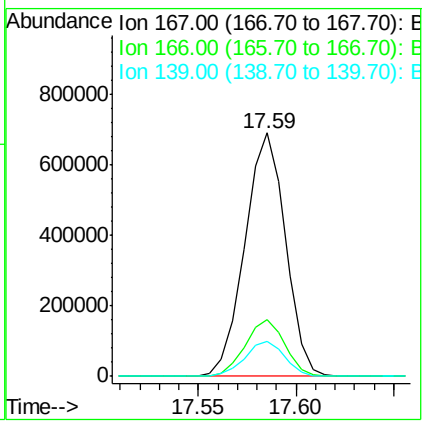


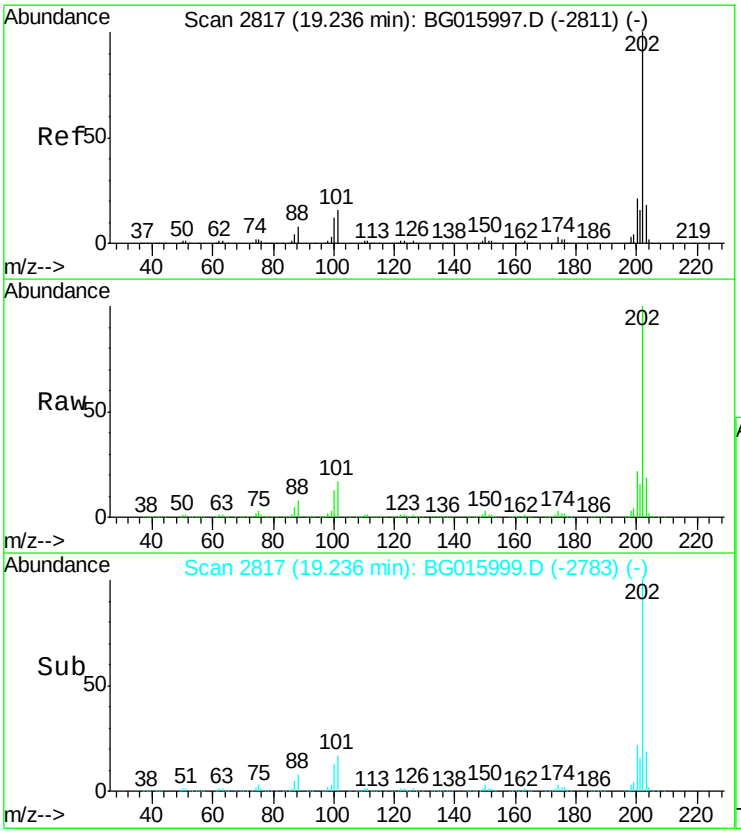
#72
Carbazole
Concen: 63.59 ng/ul
RT: 17.59 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Instrument :
BNA_G
ClientSampleId :
X1J30

Tgt Ion:167 Resp: 996087

Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.0	27.0
139	14.3	10.9	16.3

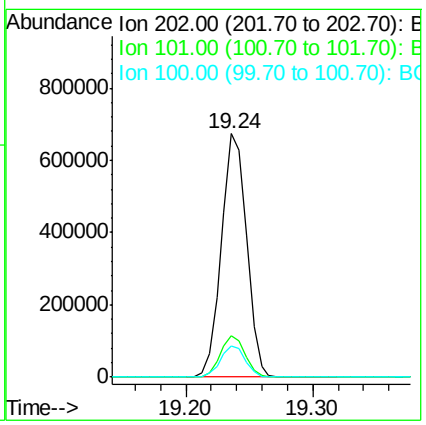


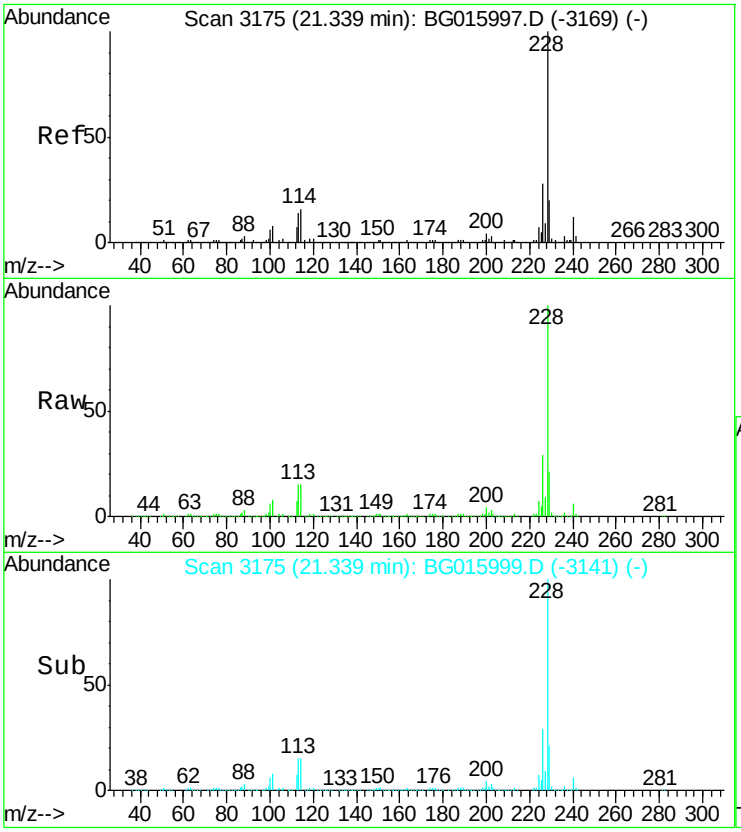


#74
Fluoranthene
Concen: 53.41 ng/ul
RT: 19.24 min Scan# 2817
Delta R.T. -0.00 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Tgt Ion:202 Resp: 929785

Ion	Ratio	Lower	Upper
202	100		
101	17.1	12.7	19.1
100	12.7	9.8	14.6



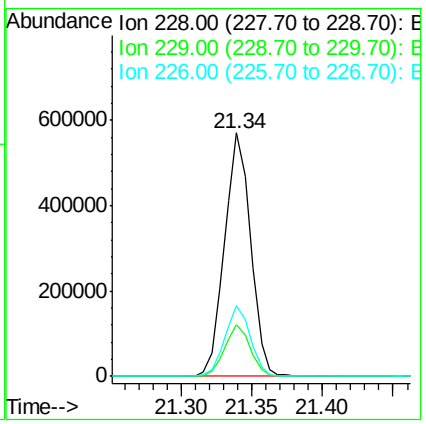


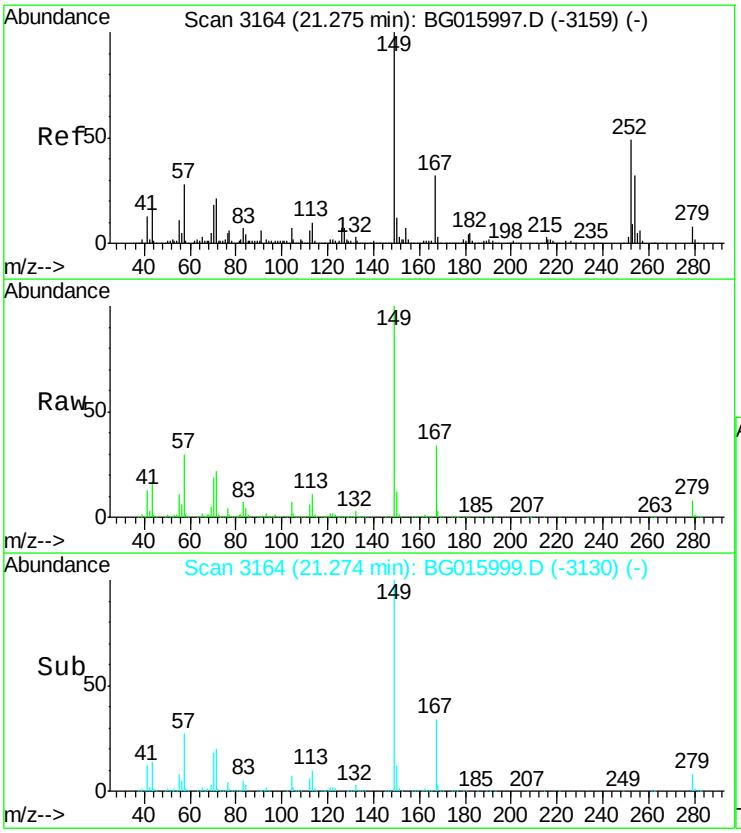
#80
Benzo(a)anthracene
Concen: 39.17 ng/ul
RT: 21.34 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Instrument :
BNA_G
ClientSampleId :
X1J30

Tgt Ion:228 Resp: 732844

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.6	25.0
226	29.2	23.0	34.6

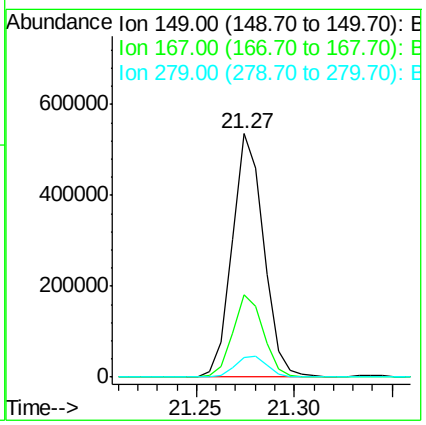


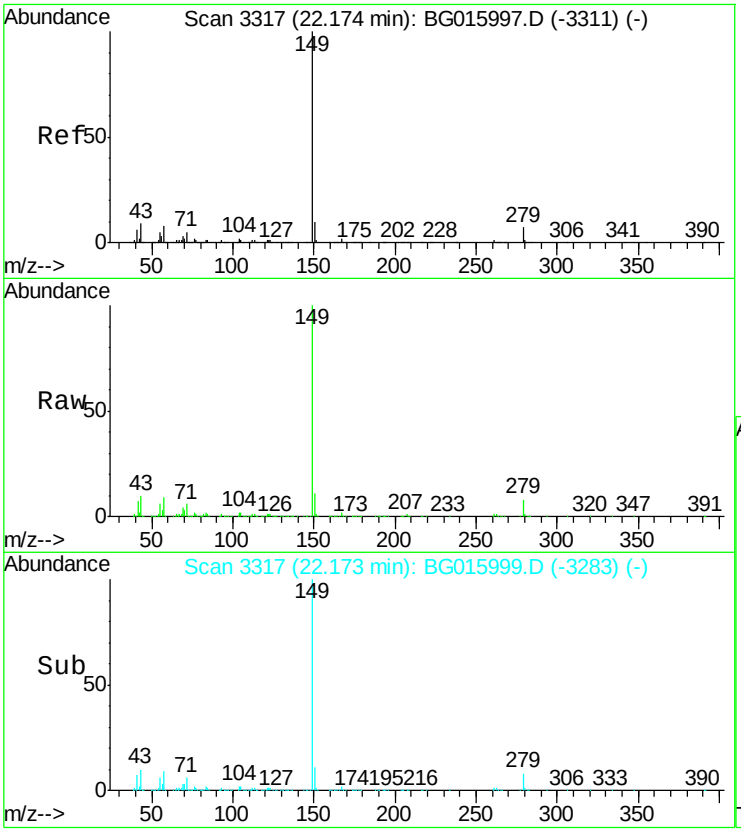


#81
Bis(2-ethylhexyl)phthalate
Concen: 50.34 ng/ul
RT: 21.27 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Tgt Ion:149 Resp: 599868

Ion	Ratio	Lower	Upper
149	100		
167	33.6	26.6	39.8
279	7.9	6.7	10.1

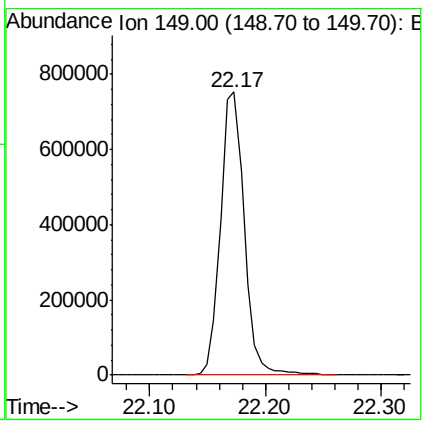


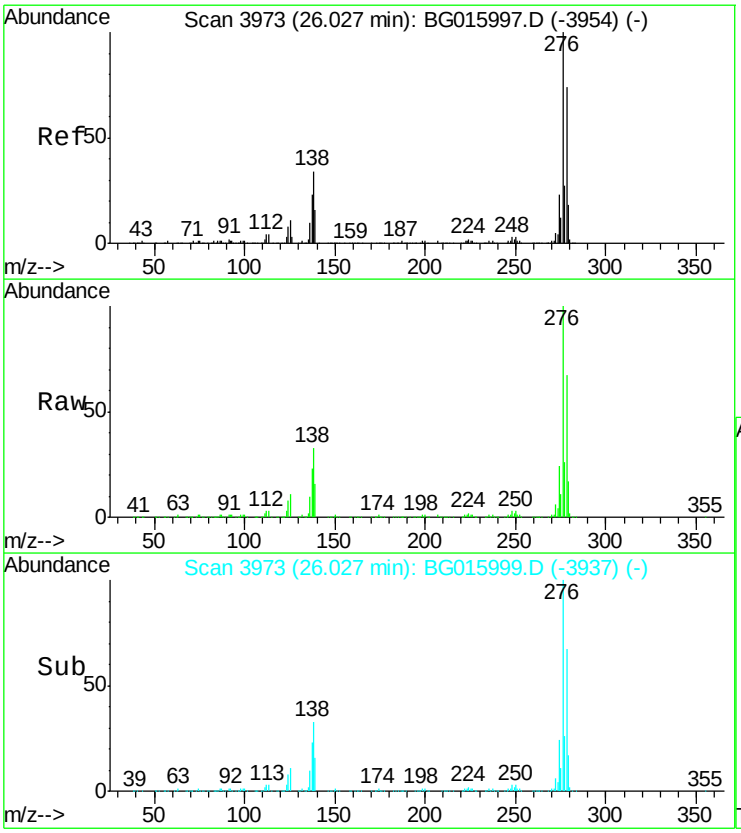


#84
Di-n-octyl phthalate
Concen: 60.30 ng/ul
RT: 22.17 min Scan# 3317
Delta R.T. -0.00 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Instrument :
BNA_G
ClientSampleId :
X1J30

Tgt Ion:149 Resp: 1072402

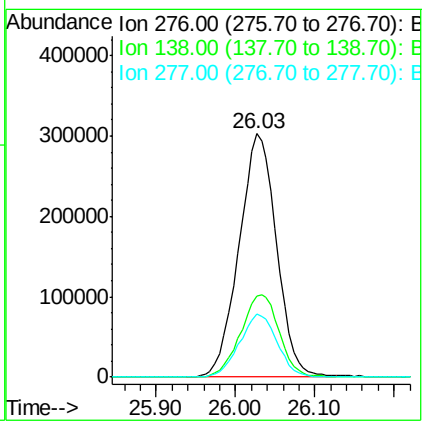


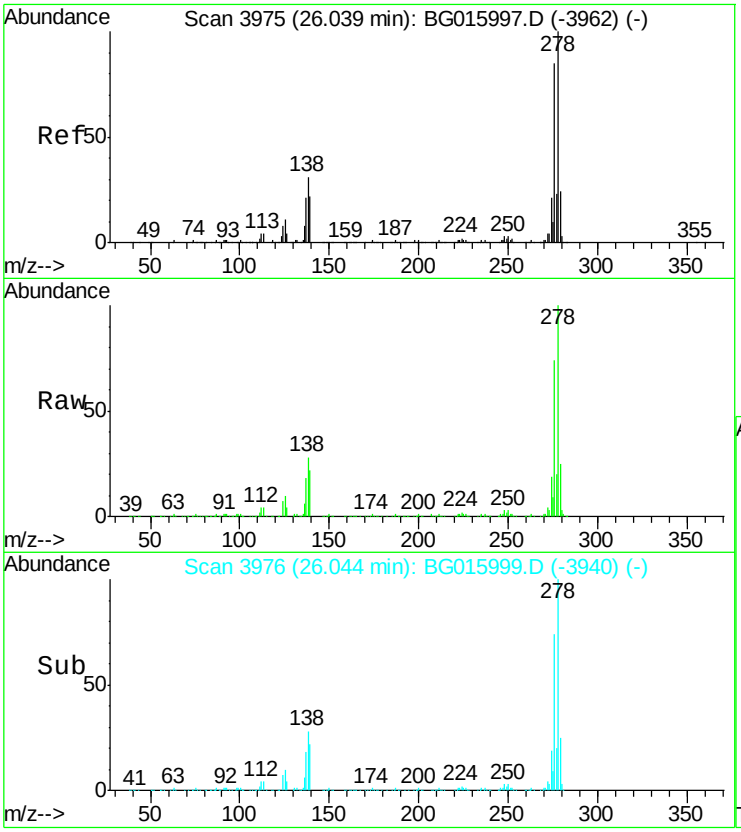


#89
Indeno(1,2,3-cd)pyrene
Concen: 47.27 ng/ul
RT: 26.03 min Scan# 3973
Delta R.T. 0.01 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Tgt Ion:276 Resp: 995604

Ion	Ratio	Lower	Upper
276	100		
138	33.1	24.6	36.8
277	26.0	19.8	29.8



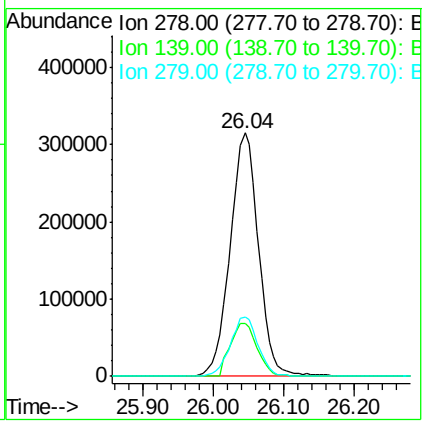


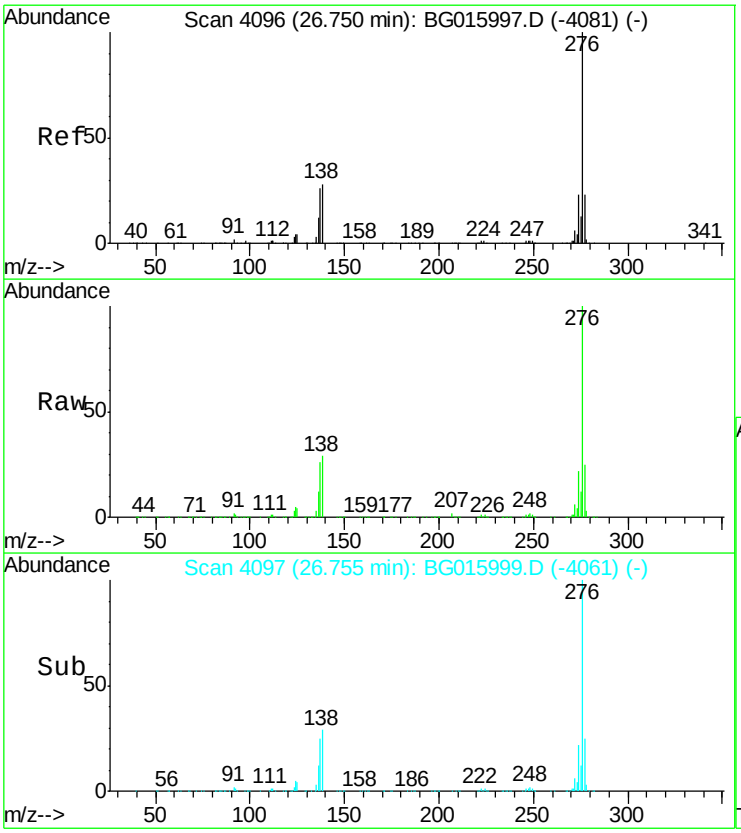
#90
Dibenzo(a,h)anthracene
Concen: 49.70 ng/ul
RT: 26.04 min Scan# 3976
Delta R.T. 0.01 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Instrument :
BNA_G
ClientSampleId :
X1J30

Tgt Ion:278 Resp: 881107

Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.9	23.9
279	24.6	19.8	29.6





#91
Benzo(g,h,i)perylene
Concen: 50.12 ng/ul
RT: 26.76 min Scan# 4097
Delta R.T. 0.01 min
Lab File: BG015999.D
Acq: 17 Feb 2015 16:44

Tgt Ion:276 Resp: 880865

Ion	Ratio	Lower	Upper
276	100		
138	28.8	21.5	32.3
277	24.6	18.9	28.3