Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021615\
Data File : BG015994.D
Acq On : 16 Feb 2015 15:50
Operator : TP/IZ
Sample : G1291-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1J25

Quant Time: Feb 17 18:05:17 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	7.81	152	53895	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	248872	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	154799	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	323904	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	363179	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	333273	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	8774	6.67	ng/uL	0.00
5) Phenol-d5	6.97	99	196177	36.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	113144	36.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	138808	35.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	155573	37.43	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	72986	35.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	72481	34.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	133914	35.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	225885	54.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	434835	41.83	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	562851	39.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	95113	36.65	ng/ul	0.00
57) Fluorene-d10	15.43	176	403317	39.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	56219	29.34	ng/ul	0.00
70) Anthracene-d10	17.28	188	603136	40.55	ng/ul	0.00
76) Pyrene-d10	19.57	212	677287	41.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	628661	42.60	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.00	94	112738	20.24	ng/ul	95
16) 4-Methylphenol	8.56	108	202290	43.64	ng/ul	91
20) Nitrobenzene	9.00	77	94335	19.84	ng/ul	96
24) 2,4-Dimethylphenol	9.77	107	204718	44.26	ng/ul	96
28) Naphthalene	10.66	128	788697	60.90	ng/ul	99
64) N-Nitrosodiphenylamine	15.70	169	361811	35.70	ng/ul	97
65) 4-Bromophenyl-phenylether	16.38	248	235796	70.00	ng/ul	98
67) Atrazine	16.65	200	194674	58.05	ng/ul	98
68) Pentachlorophenol	16.83	266	148670	66.10	ng/ul	98
73) Di-n-butylphthalate	18.15	149	926509	45.24	ng/ul	99
78) Butylbenzylphthalate	20.50	149	465490	48.64	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.28	149	718325	56.70	ng/ul	98
84) Di-n-octyl phthalate	22.18	149	986089	53.69	ng/ul	100
91) Benzo(g,h,i)perylene	26.75	276	835827	46.05	ng/ul	97

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021615\
Data File : BG015994.D
Acq On : 16 Feb 2015 15:50
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
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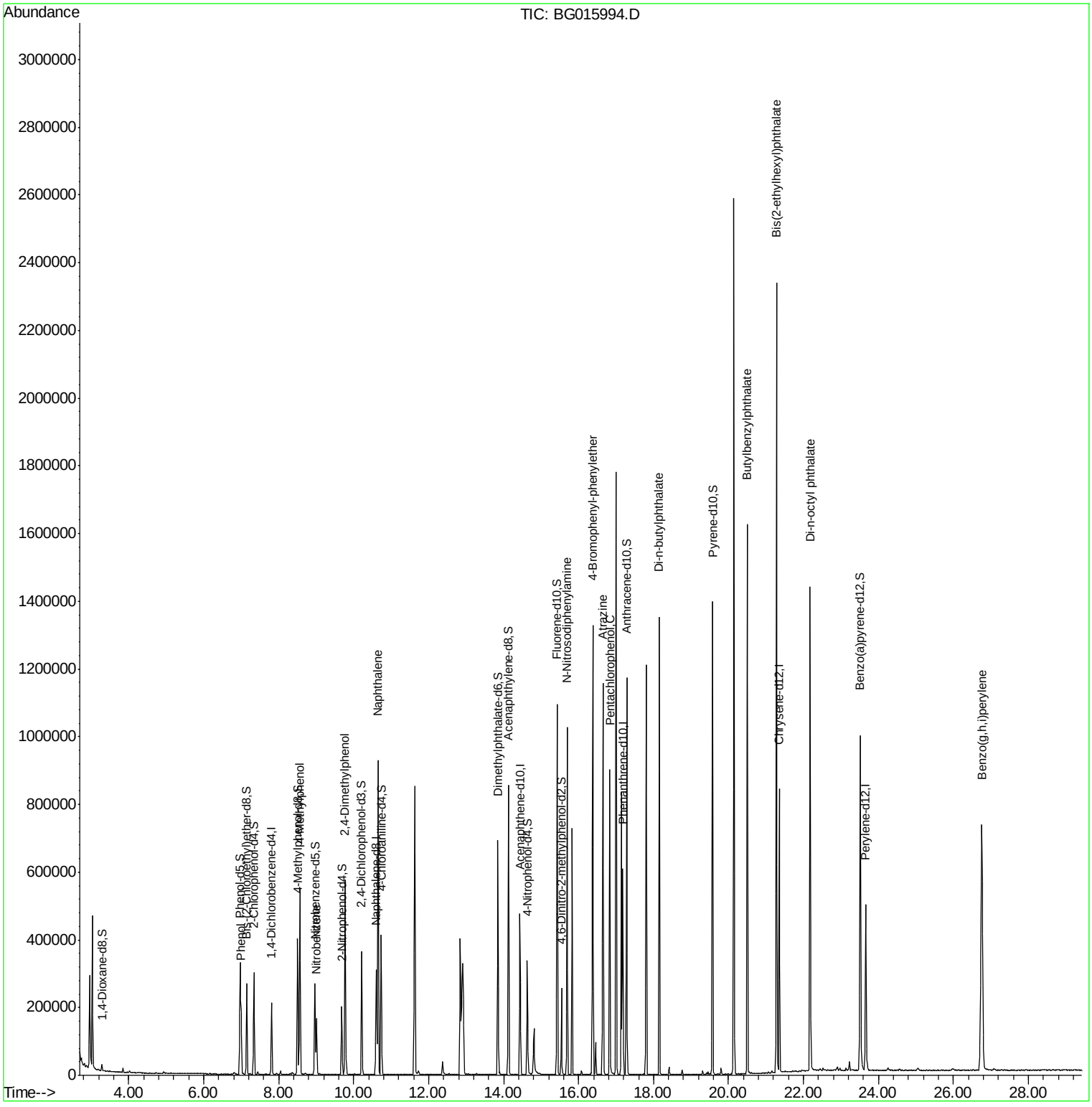
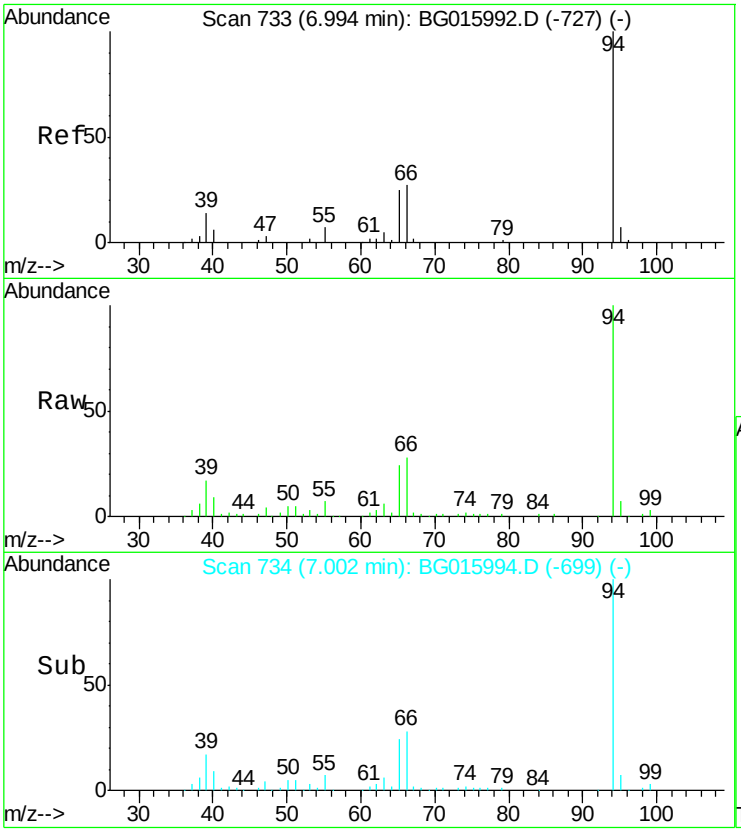
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 17 17:56:20 2015
Response via : Initial Calibration



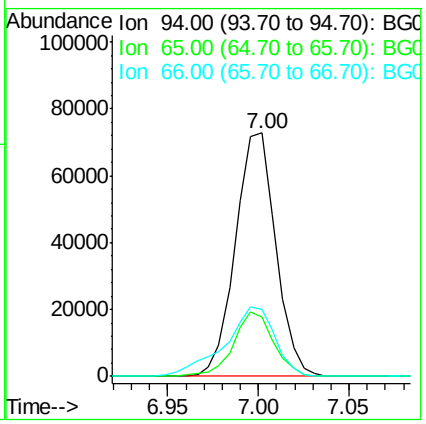


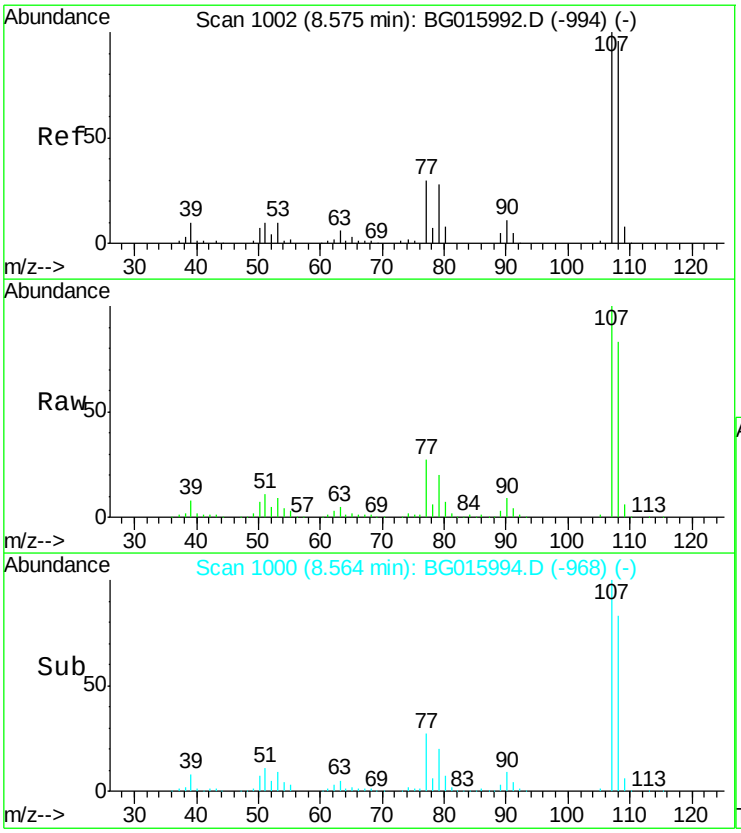
#6
Phenol
Concen: 20.24 ng/ul
RT: 7.00 min Scan# 734
Delta R.T. 0.01 min
Lab File: BG015994.D
Acq: 16 Feb 2015 15:50

Instrument :
BNA_G
ClientSampleId :
X1J25

Tgt Ion: 94 Resp: 112738

Ion	Ratio	Lower	Upper
94	100		
65	24.2	21.0	31.6
66	27.6	24.4	36.6

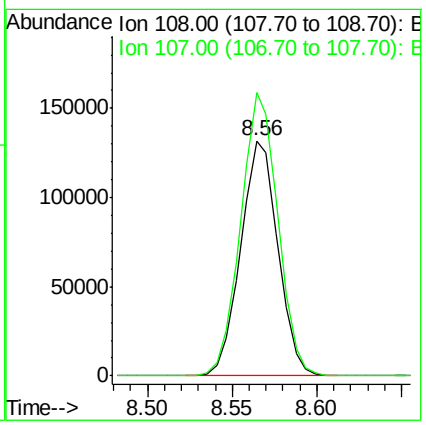


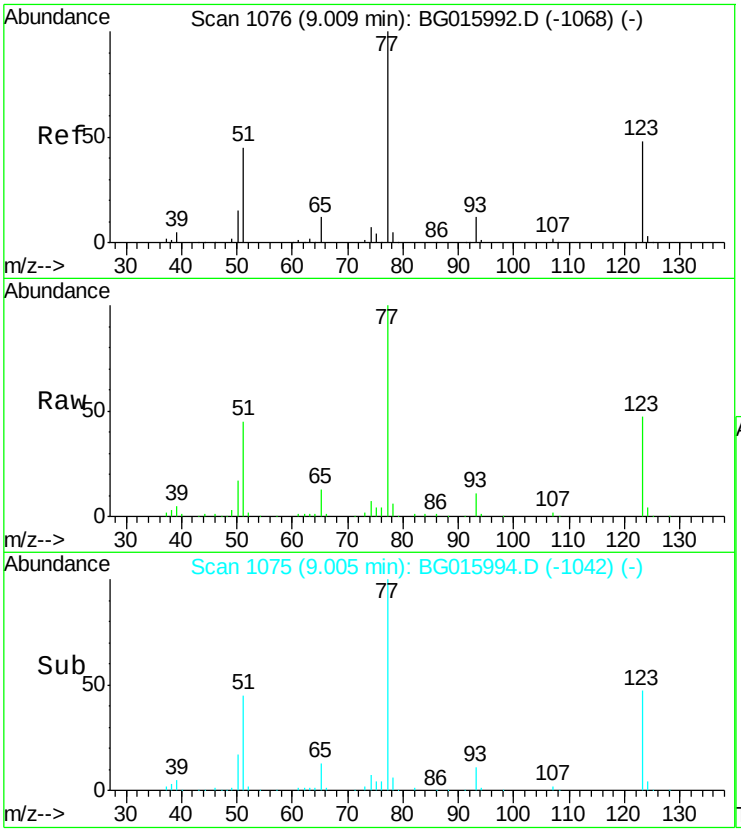


#16
4-Methylphenol
Concen: 43.64 ng/ul
RT: 8.56 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG015994.D
Acq: 16 Feb 2015 15:50

Tgt Ion:108 Resp: 202290

Ion	Ratio	Lower	Upper
108	100		
107	120.5	88.4	132.6



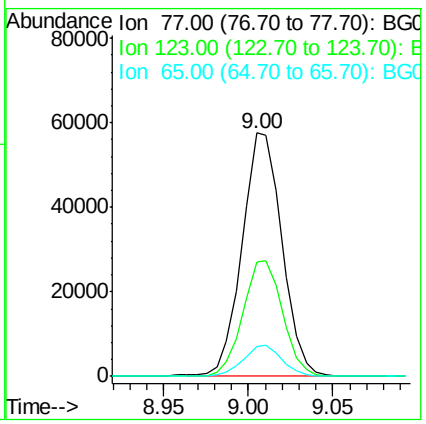


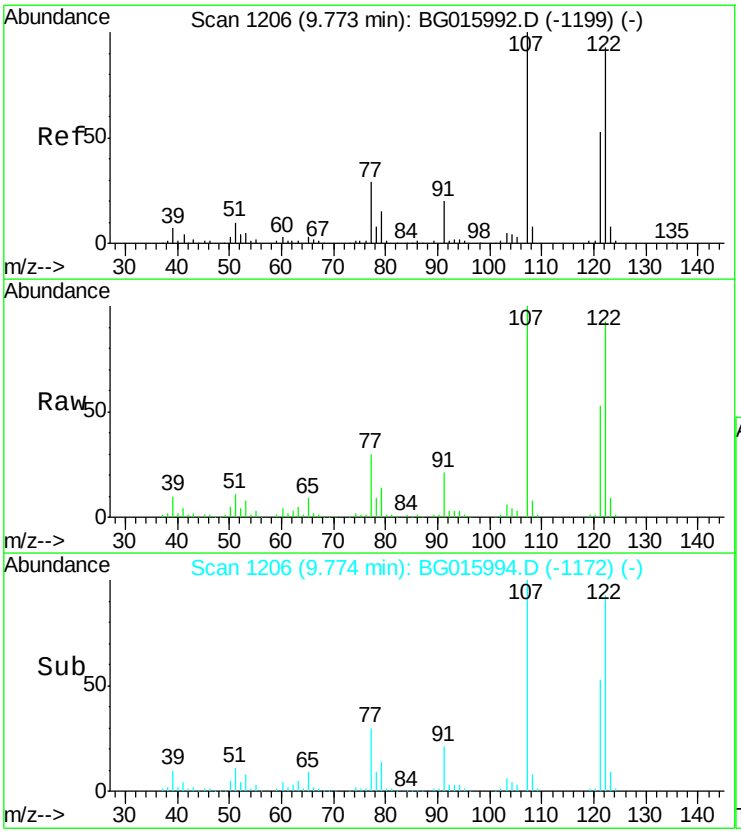
#20
Nitrobenzene
Concen: 19.84 ng/ul
RT: 9.00 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BG015994.D
Acq: 16 Feb 2015 15:50

Instrument :
BNA_G
ClientSampleId :
X1J25

Tgt Ion: 77 Resp: 94335

Ion	Ratio	Lower	Upper
77	100		
123	46.7	39.9	59.9
65	12.5	10.2	15.2

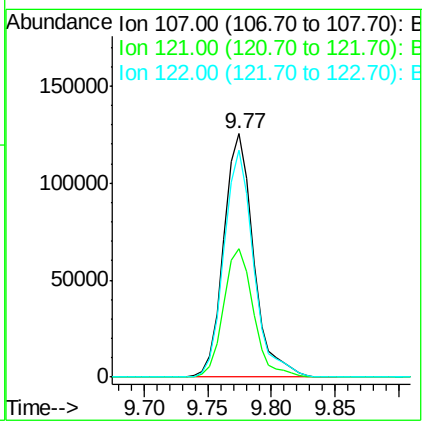


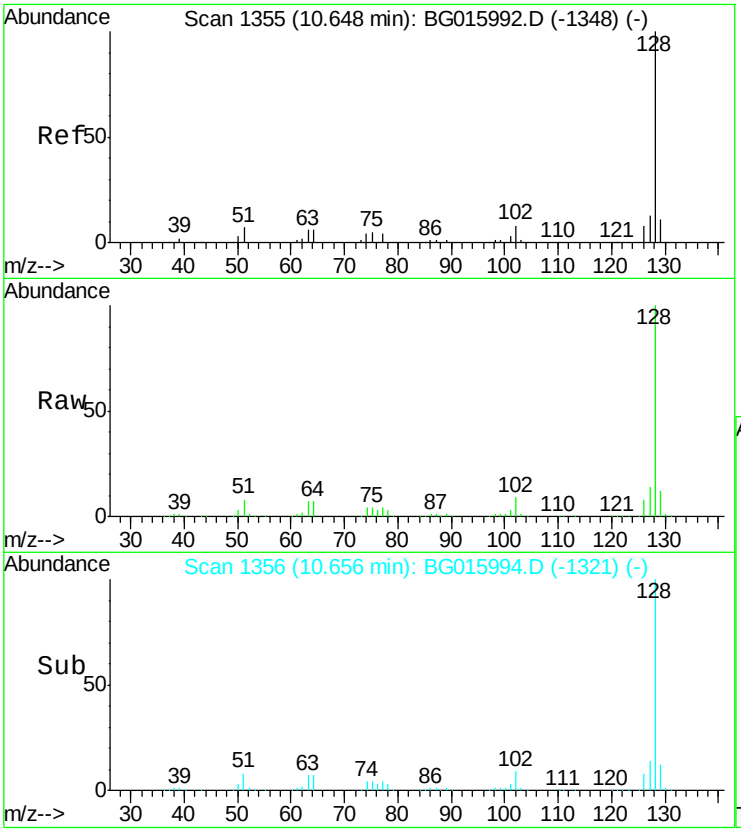


#24
2,4-Dimethylphenol
Concen: 44.26 ng/ul
RT: 9.77 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BG015994.D
Acq: 16 Feb 2015 15:50

Tgt Ion:107 Resp: 204718

Ion	Ratio	Lower	Upper
107	100		
121	53.0	40.7	61.1
122	93.4	71.4	107.0



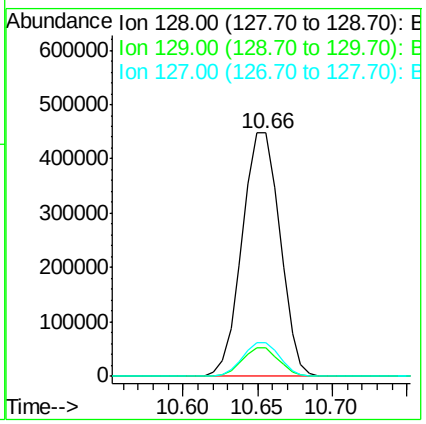


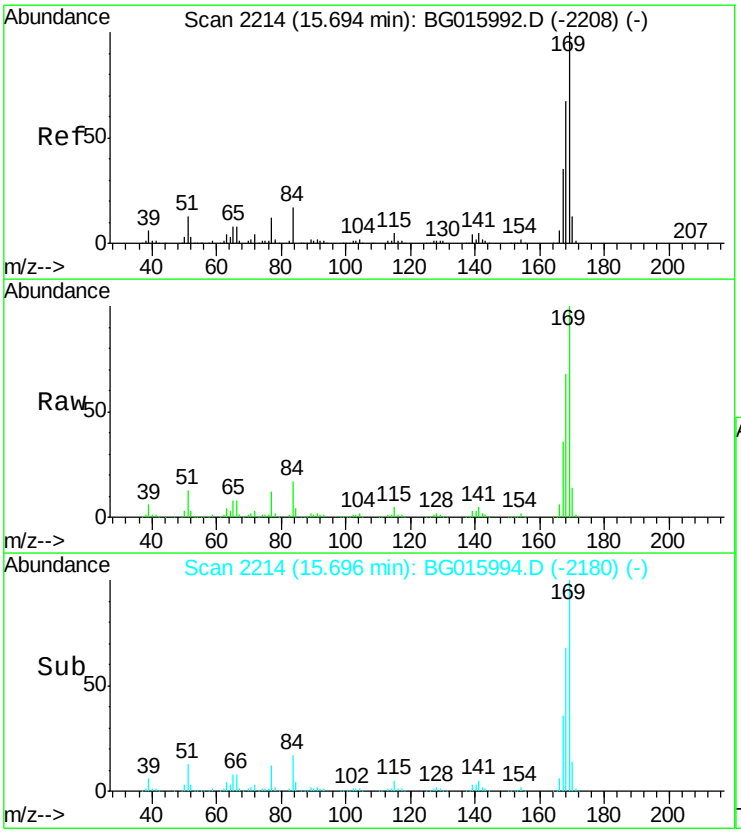
#28
Naphthalene
Concen: 60.90 ng/ul
RT: 10.66 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BG015994.D
Acq: 16 Feb 2015 15:50

Instrument :
BNA_G
ClientSampleId :
X1J25

Tgt Ion:128 Resp: 788697

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

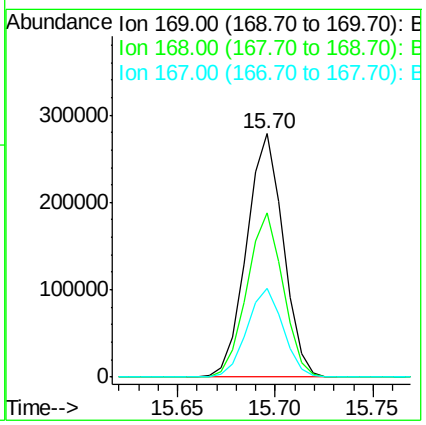


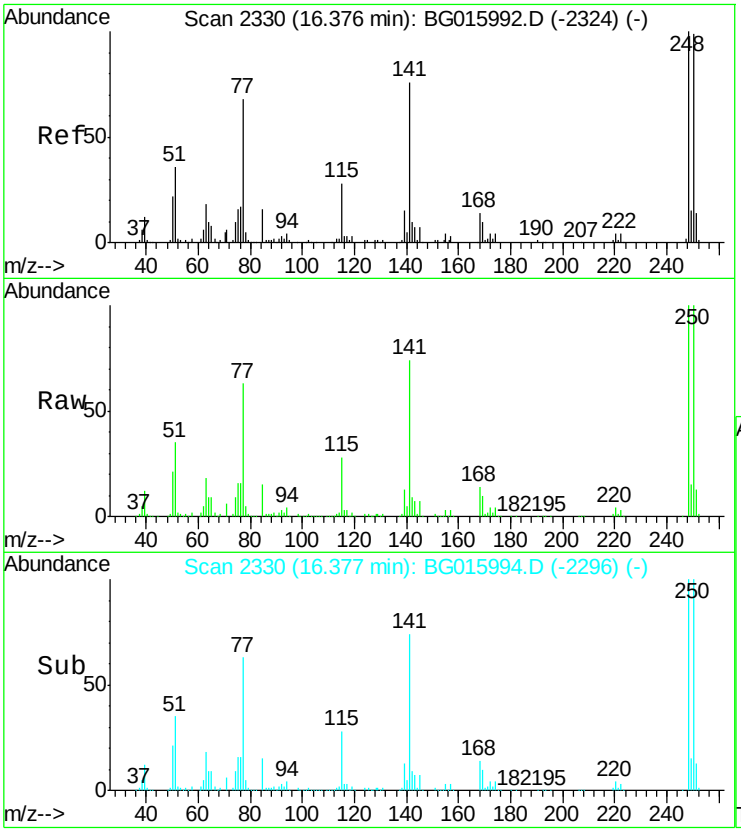


#64
N-Nitrosodiphenylamine
Concen: 35.70 ng/ul
RT: 15.70 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG015994.D
Acq: 16 Feb 2015 15:50

Tgt Ion:169 Resp: 361811

Ion	Ratio	Lower	Upper
169	100		
168	67.6	51.8	77.8
167	36.2	28.2	42.4



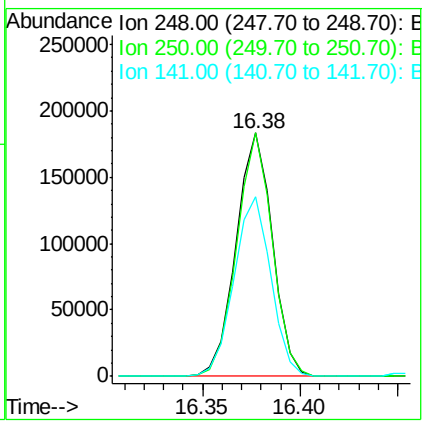


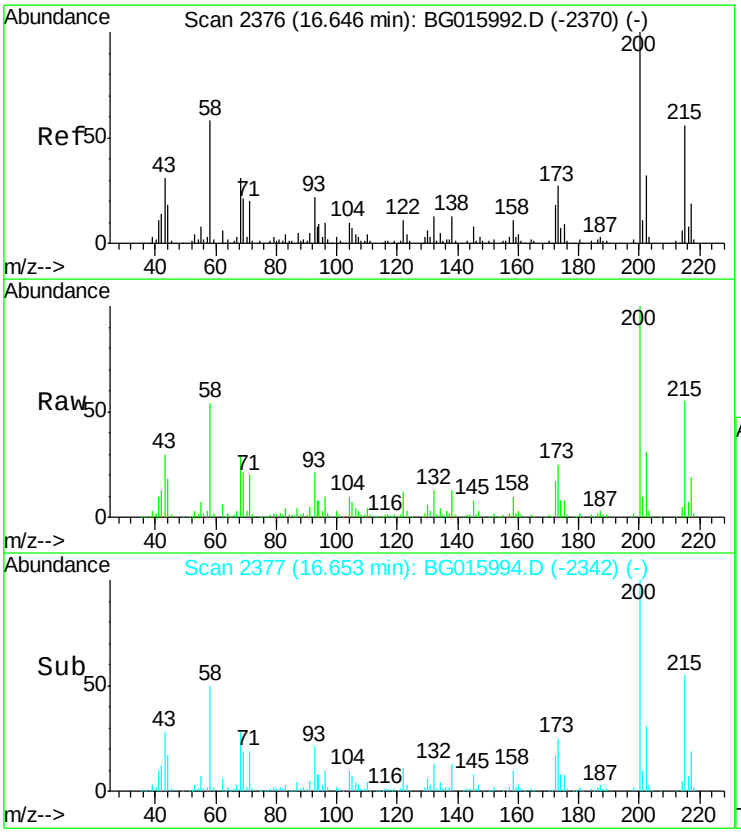
#65
4-Bromophenyl-phenylether
Concen: 70.00 ng/ul
RT: 16.38 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BG015994.D
Acq: 16 Feb 2015 15:50

Instrument :
BNA_G
ClientSampleId :
X1J25

Tgt Ion:248 Resp: 235796

Ion	Ratio	Lower	Upper
248	100		
250	100.0	79.1	118.7
141	73.6	57.1	85.7

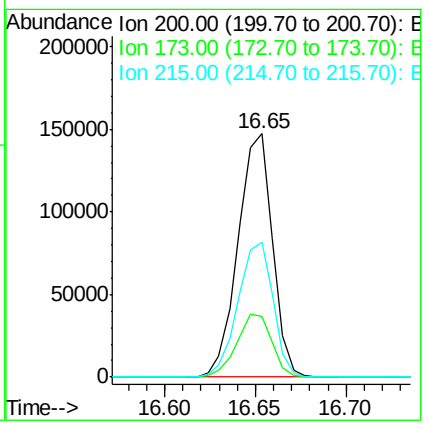


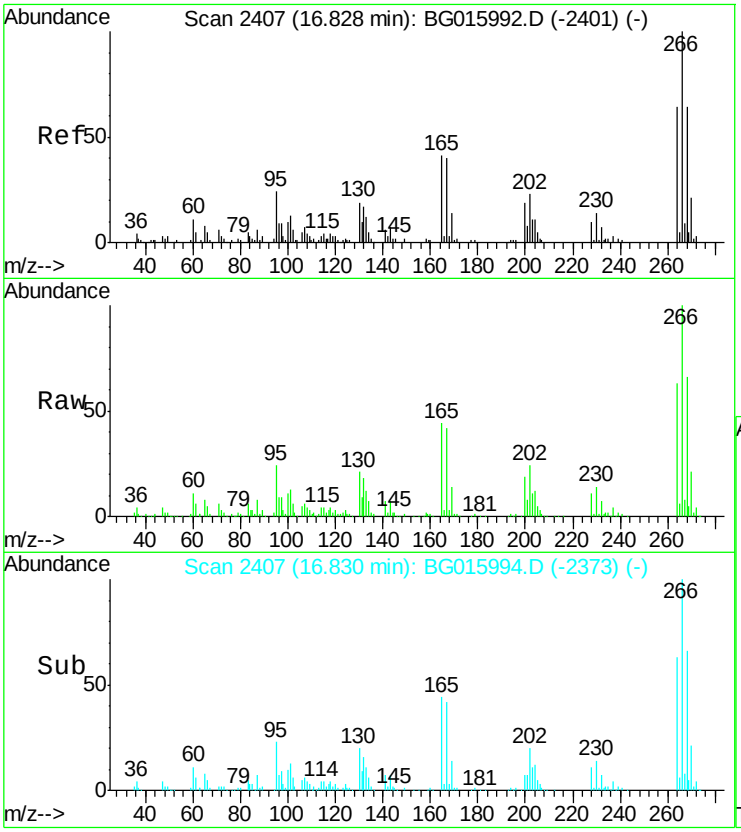


#67
Atrazine
Concen: 58.05 ng/ul
RT: 16.65 min Scan# 2377
Delta R.T. 0.01 min
Lab File: BG015994.D
Acq: 16 Feb 2015 15:50

Tgt Ion:200 Resp: 194674

Ion	Ratio	Lower	Upper
200	100		
173	25.1	20.9	31.3
215	55.5	43.4	65.2



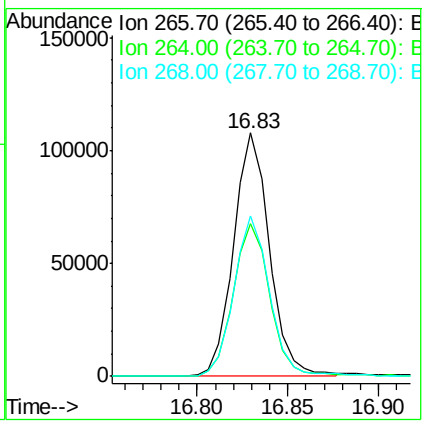


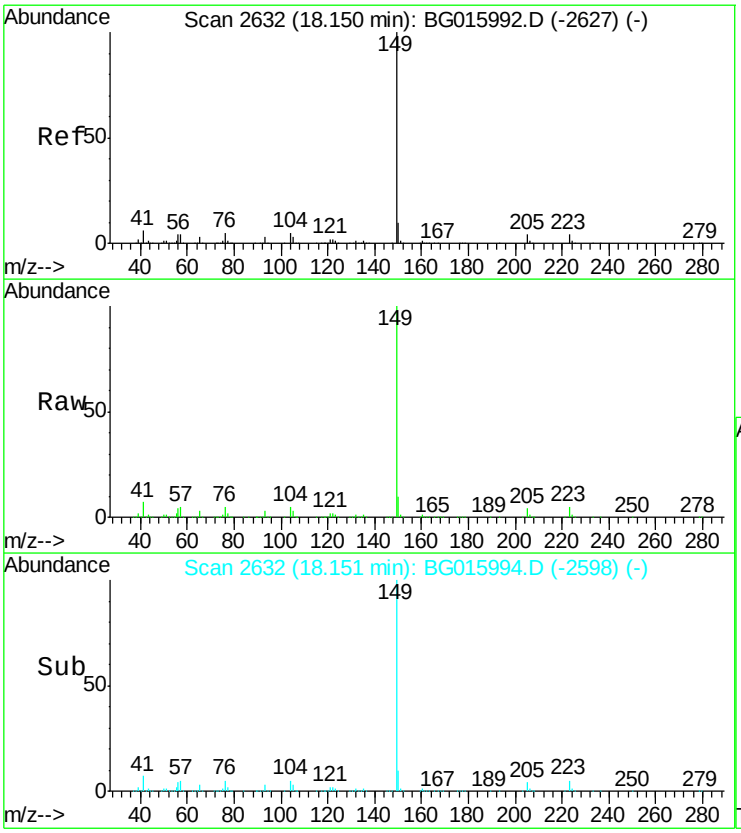
#68
Pentachlorophenol
Concen: 66.10 ng/ul
RT: 16.83 min Scan# 2407
Delta R.T. 0.00 min
Lab File: BG015994.D
Acq: 16 Feb 2015 15:50

Instrument :
BNA_G
ClientSampleId :
X1J25

Tgt Ion:266 Resp: 148670

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.2	75.4
268	66.1	50.4	75.6

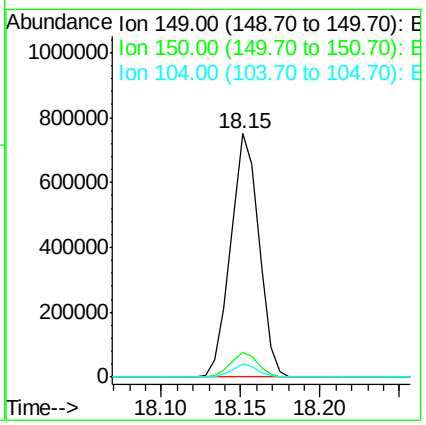


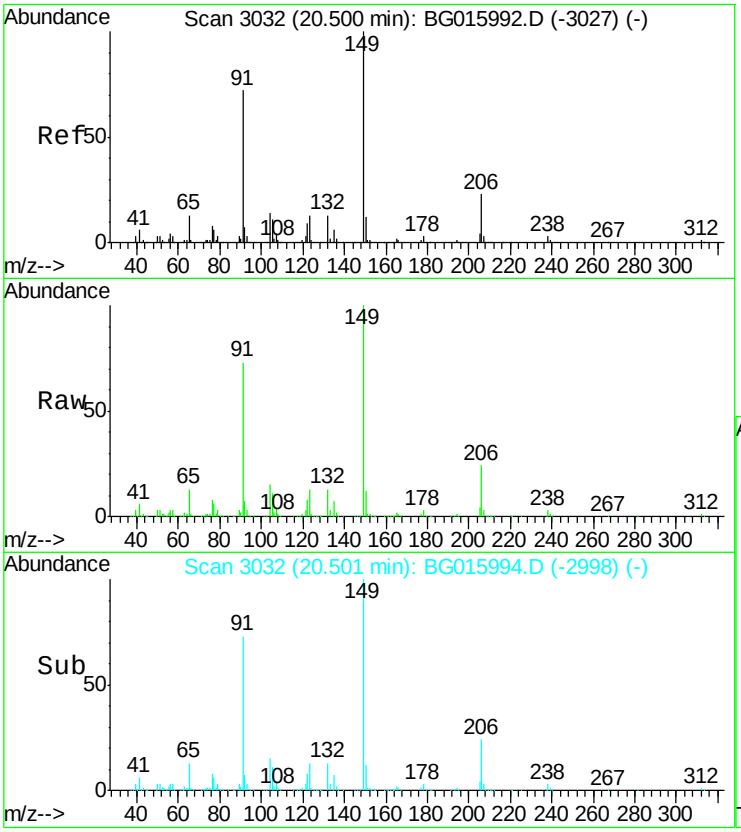


#73
Di-n-butylphthalate
Concen: 45.24 ng/ul
RT: 18.15 min Scan# 2632
Delta R.T. 0.00 min
Lab File: BG015994.D
Acq: 16 Feb 2015 15:50

Tgt Ion:149 Resp: 926509

Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.6
104	5.3	3.9	5.9



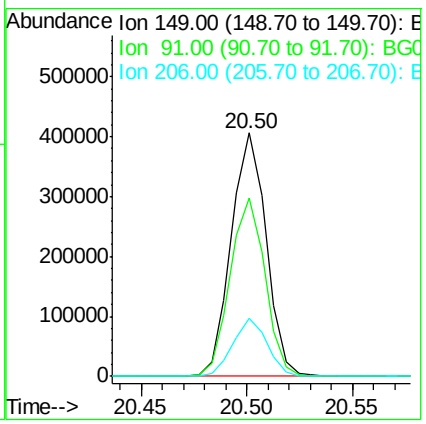


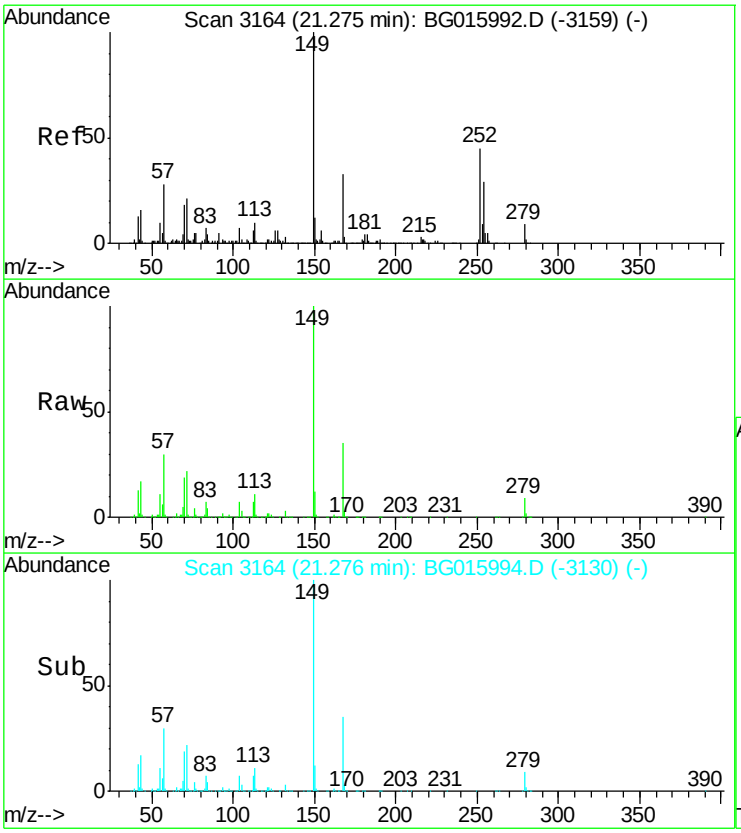
#78
Butylbenzylphthalate
Concen: 48.64 ng/ul
RT: 20.50 min Scan# 3032
Delta R.T. 0.00 min
Lab File: BG015994.D
Acq: 16 Feb 2015 15:50

Instrument :
BNA_G
ClientSampleId :
X1J25

Tgt Ion:149 Resp: 465490

Ion	Ratio	Lower	Upper
149	100		
91	73.1	57.2	85.8
206	23.6	18.4	27.6

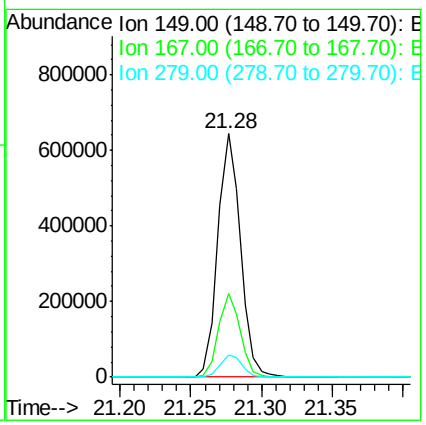


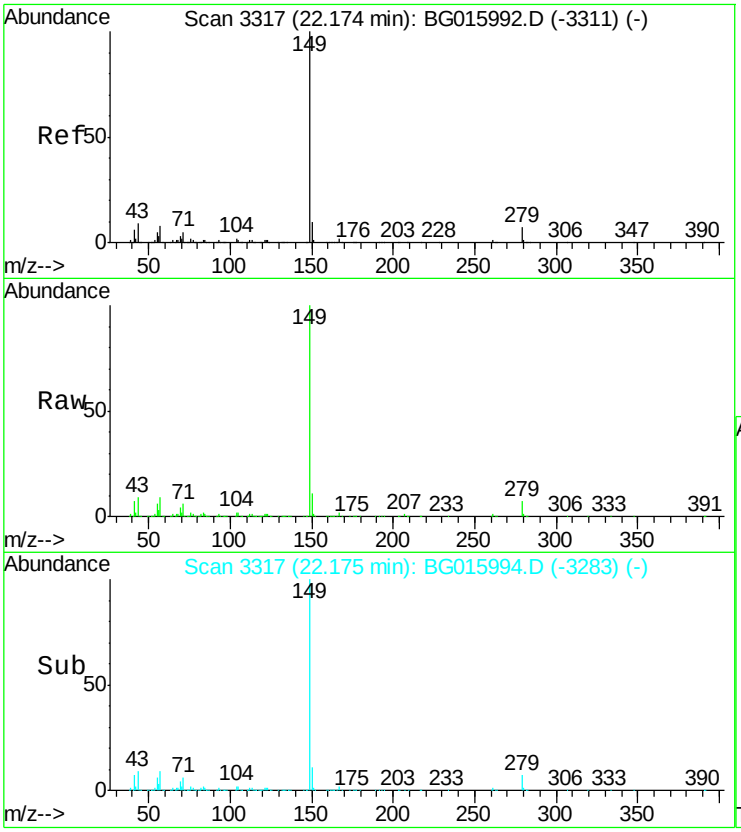


#81
Bis(2-ethylhexyl)phthalate
Concen: 56.70 ng/ul
RT: 21.28 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG015994.D
Acq: 16 Feb 2015 15:50

Tgt Ion:149 Resp: 718325

Ion	Ratio	Lower	Upper
149	100		
167	34.6	26.6	39.8
279	8.9	6.7	10.1

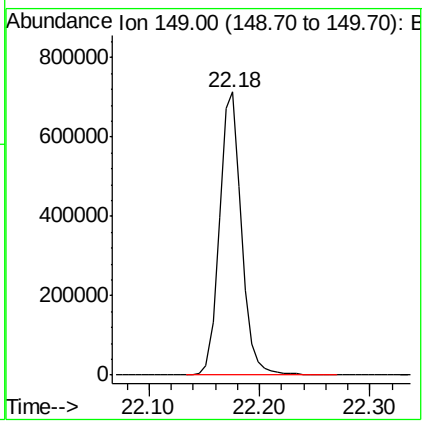


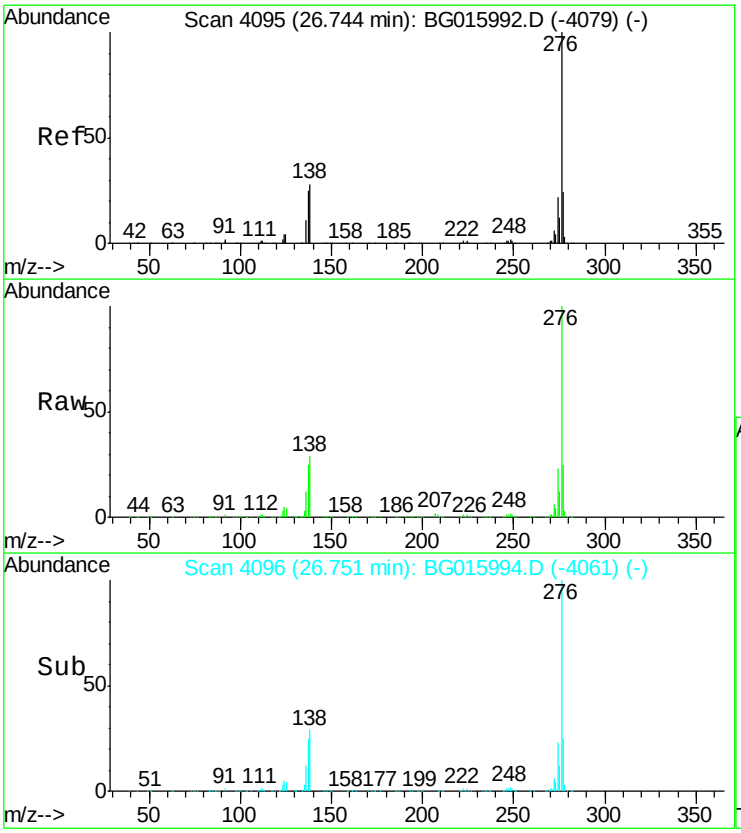


#84
Di-n-octyl phthalate
Concen: 53.69 ng/ul
RT: 22.18 min Scan# 3317
Delta R.T. 0.00 min
Lab File: BG015994.D
Acq: 16 Feb 2015 15:50

Instrument :
BNA_G
ClientSampleId :
X1J25

Tgt Ion:149 Resp: 986089





#91
Benzo(g,h,i)perylene
Concen: 46.05 ng/ul
RT: 26.75 min Scan# 4096
Delta R.T. 0.01 min
Lab File: BG015994.D
Acq: 16 Feb 2015 15:50

Tgt Ion:276 Resp: 835827

Ion	Ratio	Lower	Upper
276	100		
138	29.0	21.5	32.3
277	24.5	18.9	28.3