Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012115\
Data File : BG015911.D
Acq On : 21 Jan 2015 20:26
Operator : TP/IZ
Sample : G1100-12DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 8035DL

Quant Time: Jan 22 01:20:38 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 22 00:16:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	96105	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	419651	20.00	ng		0.00
38) Acenaphthene-d10	14.33	164	374865	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	937237	20.00	ng		0.00
75) Chrysene-d12	21.27	240	1343194	20.00	ng		0.00
86) Perylene-d12	23.52	264	1237795	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	180645	27.99	ng		0.00
7) Phenol-d6	6.87	99	315289	30.32	ng		0.00
23) Nitrobenzene-d5	8.84	82	266452	18.30	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	173289	25.25	ng		0.00
44) 2-Fluorobiphenyl	12.95	172	463033	19.38	ng		0.00
78) Terphenyl-d14	19.71	244	1175632	18.28	ng		0.00
Target Compounds							Qvalue
8) 2-Chlorophenol	7.25	128	157359	25.41	ng		87
10) Phenol	6.89	94	256426	21.63	ng		97
17) 2-Methylphenol	8.13	107	117730	16.03	ng		89
20) 3+4-Methylphenols	8.46	107	346610	36.01	ng	#	83
26) 2-Nitrophenol	9.60	139	44599	11.76	ng		96
27) 2,4-Dimethylphenol	9.66	122	182118	25.10	ng		91
29) 2,4-Dichlorophenol	10.13	162	104123	13.74	ng		87
36) 4-Chloro-3-methylphenol	11.77	107	218994	19.65	ng	#	89
42) 2,4,6-Trichlorophenol	12.76	196	260565	31.12	ng		94
43) 2,4,5-Trichlorophenol	12.83	196	271155	28.64	ng		96
55) 4-Nitrophenol	14.57	139	109845	27.87	ng		96
64) 4,6-Dinitro-2-methylphenol	15.47	198	106454	15.74	ng		95
69) Pentachlorophenol	16.74	266	115116	21.91	ng	#	82

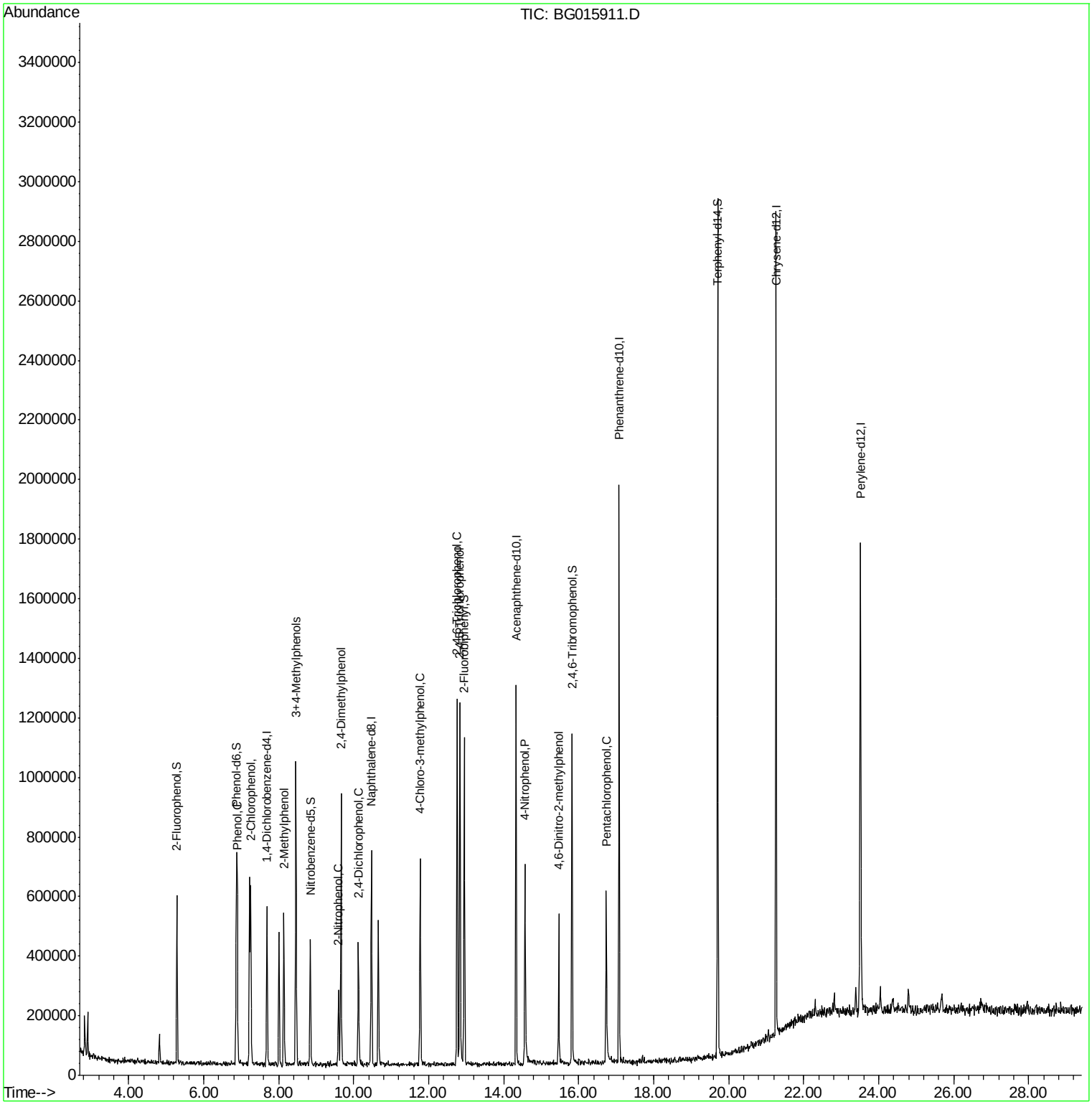
(#) = qualifier out of range (m) = manual integration (+) = signals summed

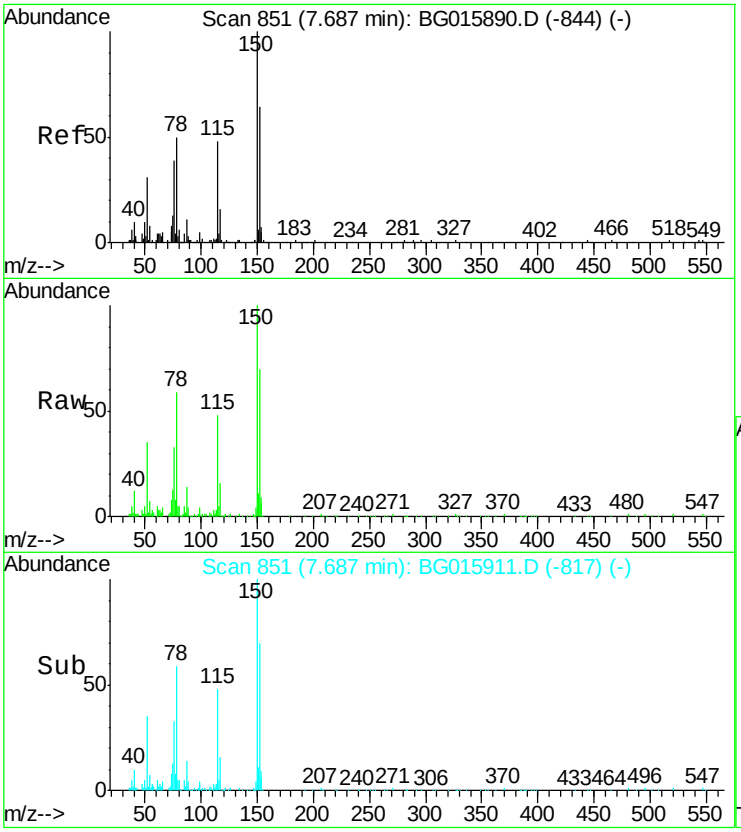
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012115\
Data File : BG015911.D
Acq On : 21 Jan 2015 20:26
Operator : TP/IZ
Sample : G1100-12DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
8035DL

Quant Time: Jan 22 01:20:38 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 22 00:16:08 2015
Response via : Initial Calibration



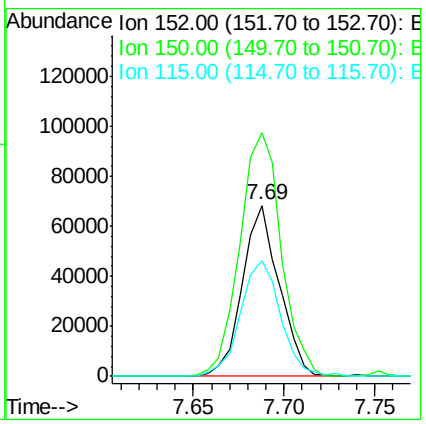


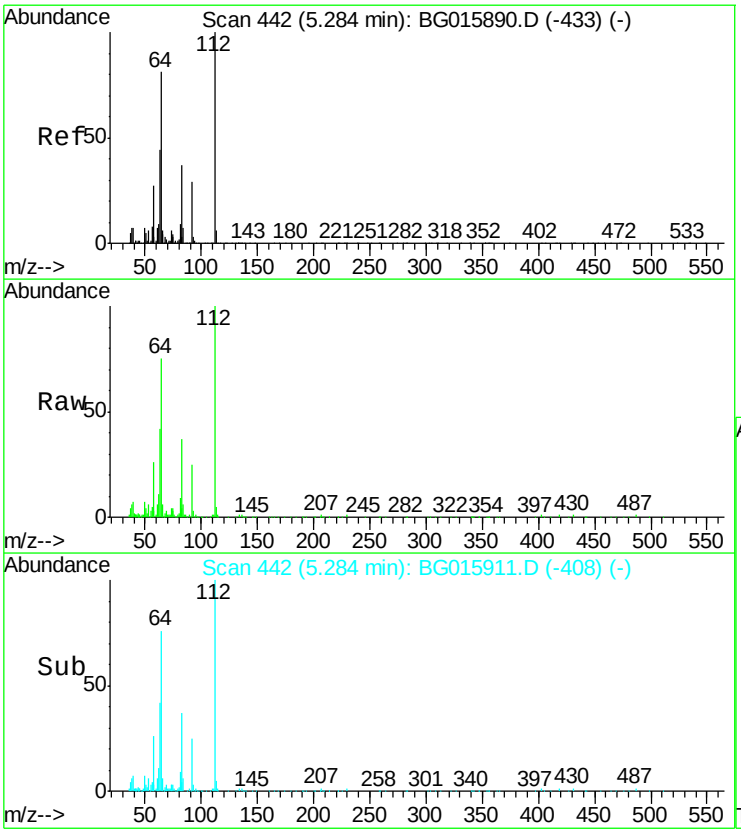
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. 0.00 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Instrument :
BNA_G
ClientSampleId :
8035DL

Tgt Ion:152 Resp: 96105

Ion	Ratio	Lower	Upper
152	100		
150	142.2	124.5	186.7
115	67.5	60.4	90.6

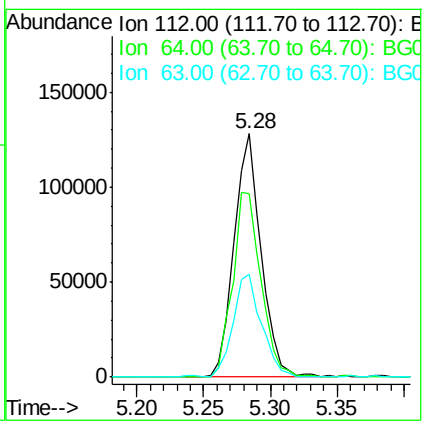


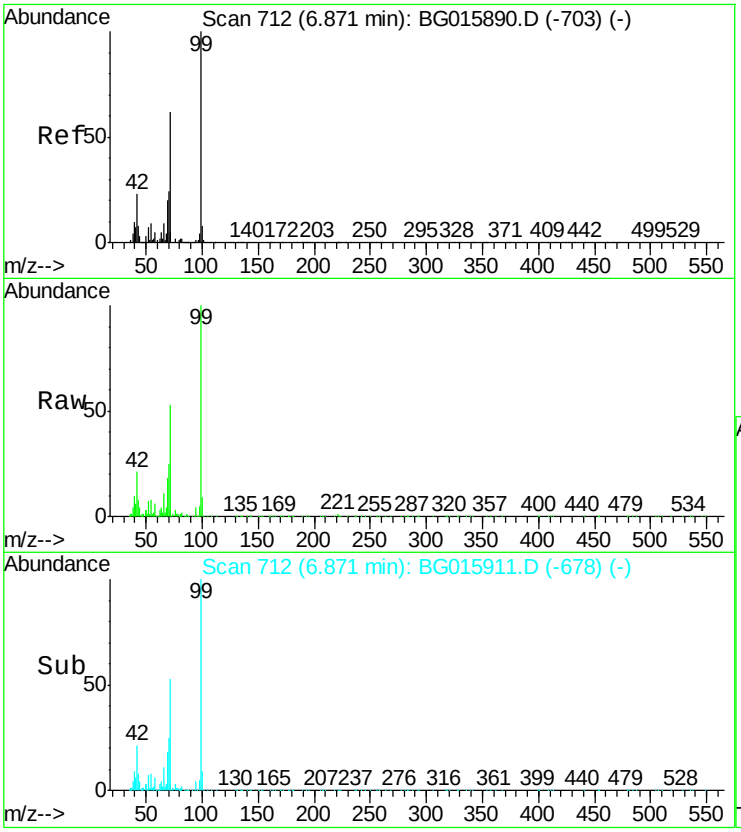


#5
2-Fluorophenol
Concen: 27.99 ng
RT: 5.28 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Tgt Ion:112 Resp: 180645

Ion	Ratio	Lower	Upper
112	100		
64	75.5	64.4	96.6
63	42.3	35.1	52.7



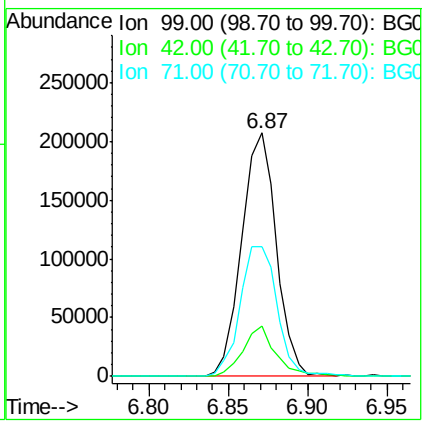


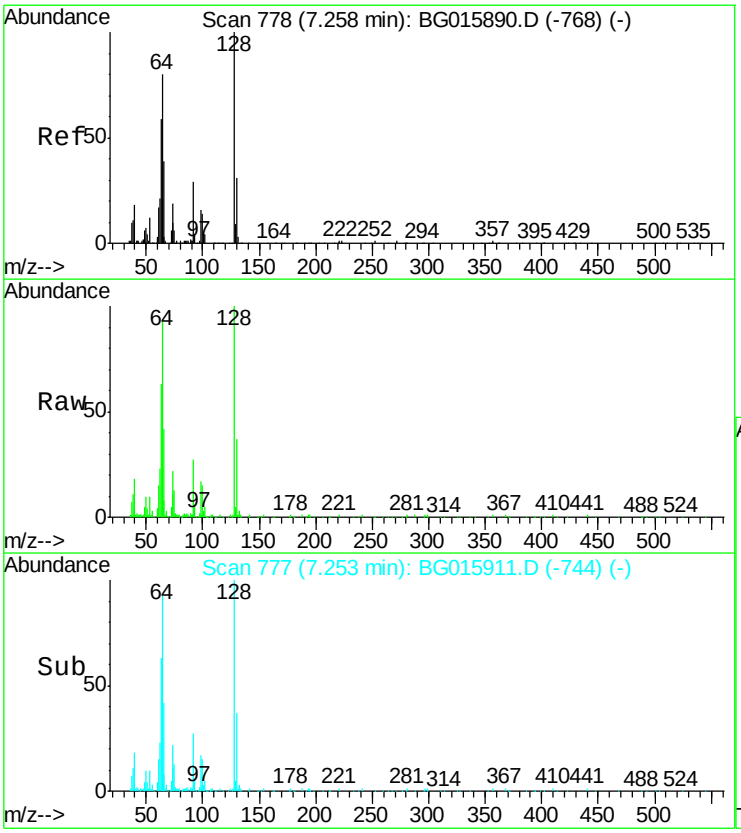
#7
Phenol-d6
Concen: 30.32 ng
RT: 6.87 min Scan# 712
Delta R.T. 0.00 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Instrument :
BNA_G
ClientSampleId :
8035DL

Tgt Ion: 99 Resp: 315289

Ion	Ratio	Lower	Upper
99	100		
42	20.7	18.1	27.1
71	53.3	49.8	74.8

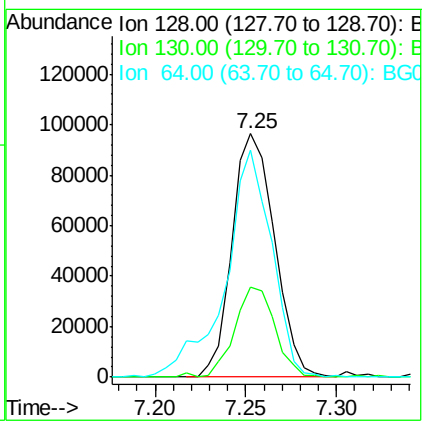


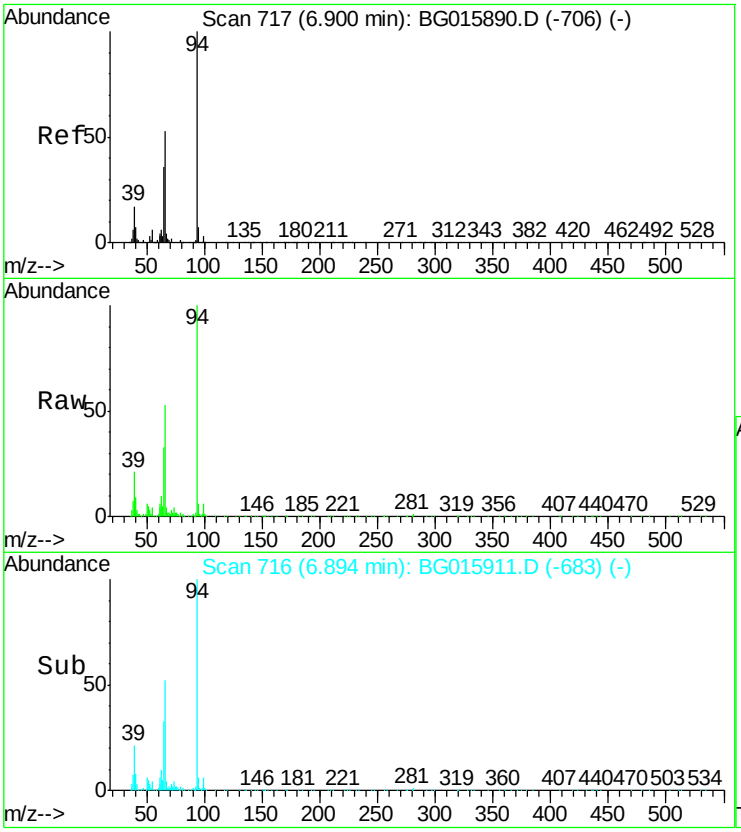


#8
2-Chlorophenol
Concen: 25.41 ng
RT: 7.25 min Scan# 777
Delta R.T. -0.01 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Tgt Ion:128 Resp: 157359

Ion	Ratio	Lower	Upper
128	100		
130	37.1	11.0	51.0
64	93.1	60.7	100.7



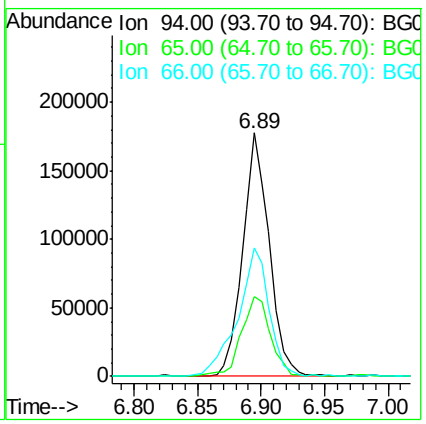


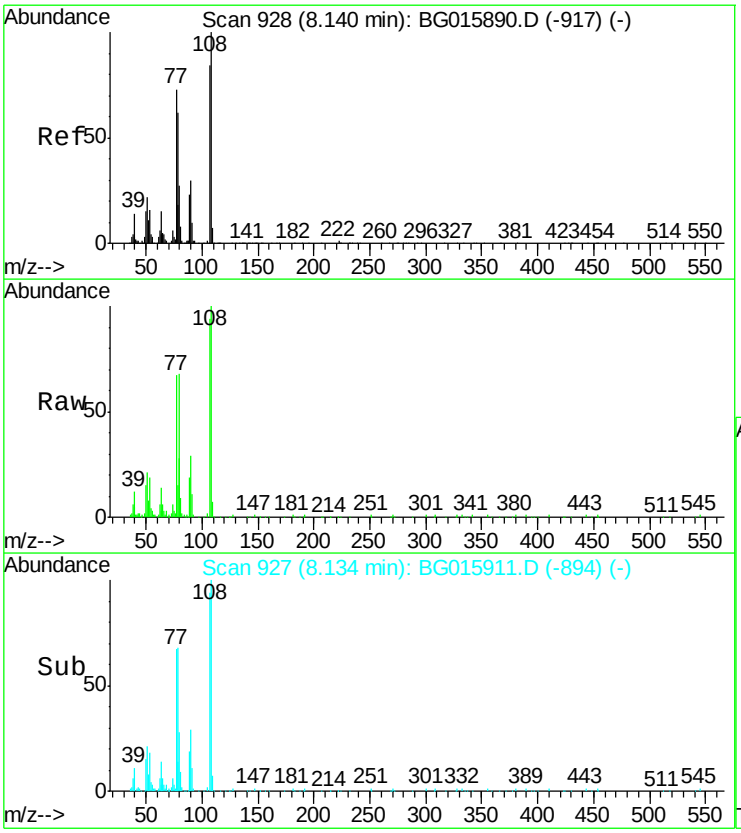
#10
Phenol
Concen: 21.63 ng
RT: 6.89 min Scan# 716
Delta R.T. -0.01 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Instrument :
BNA_G
ClientSampleId :
8035DL

Tgt Ion: 94 Resp: 256426

Ion	Ratio	Lower	Upper
94	100		
65	33.0	16.5	56.5
66	52.6	33.3	73.3

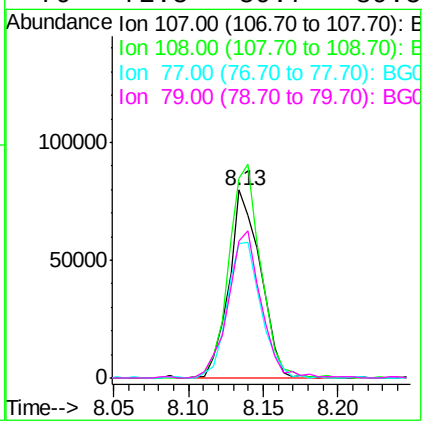


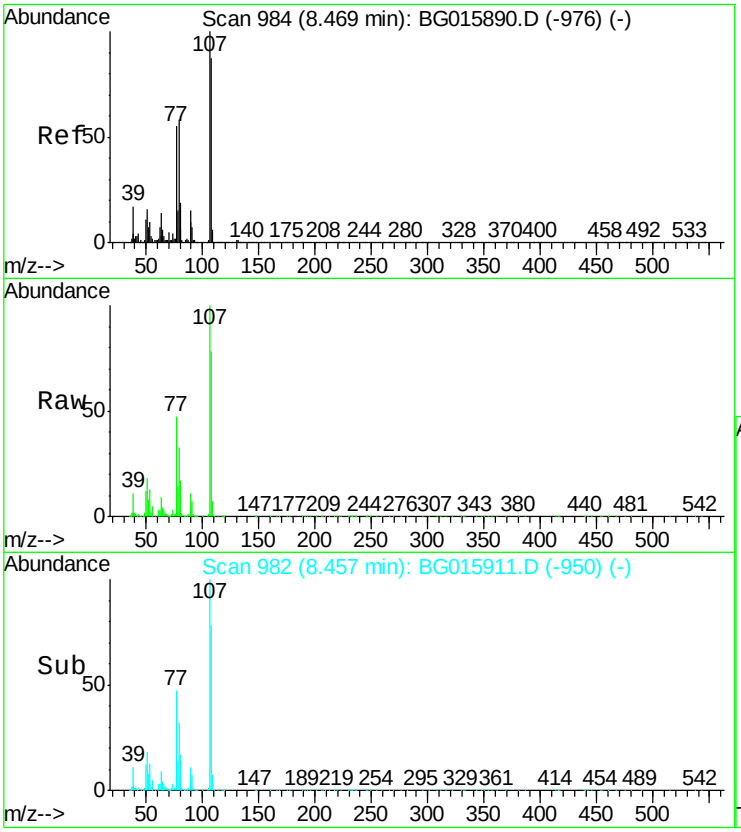


#17
2-Methylphenol
Concen: 16.03 ng
RT: 8.13 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Tgt Ion:107 Resp: 117730

Ion	Ratio	Lower	Upper
107	100		
108	106.3	95.1	142.7
77	71.2	69.2	103.8
79	72.5	59.7	89.5



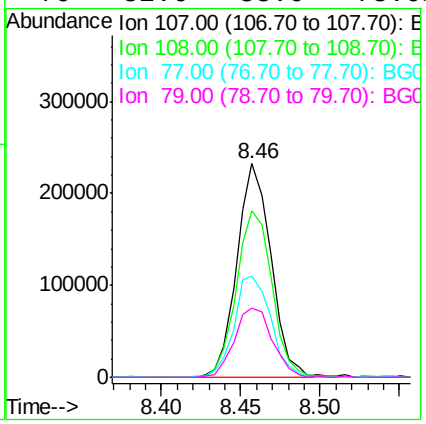


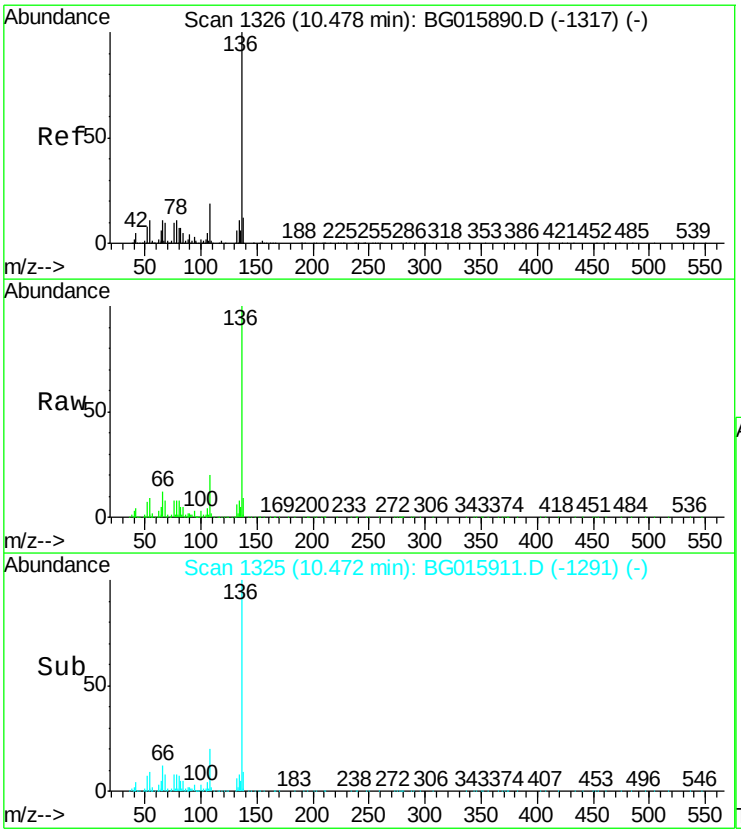
#20
3+4-Methylphenols
Concen: 36.01 ng
RT: 8.46 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Instrument :
BNA_G
ClientSampleId :
8035DL

Tgt Ion:107 Resp: 346610

Ion	Ratio	Lower	Upper
107	100		
108	78.2	66.9	106.9
77	47.1	34.8	74.8
79	32.6	38.0	78.0#

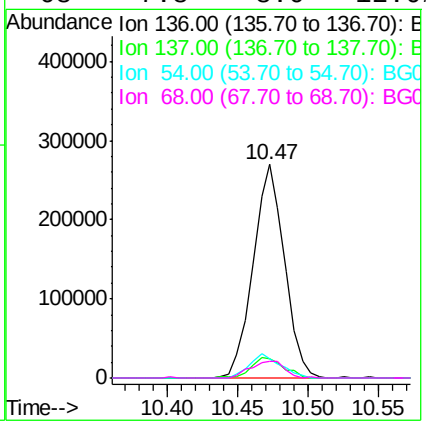


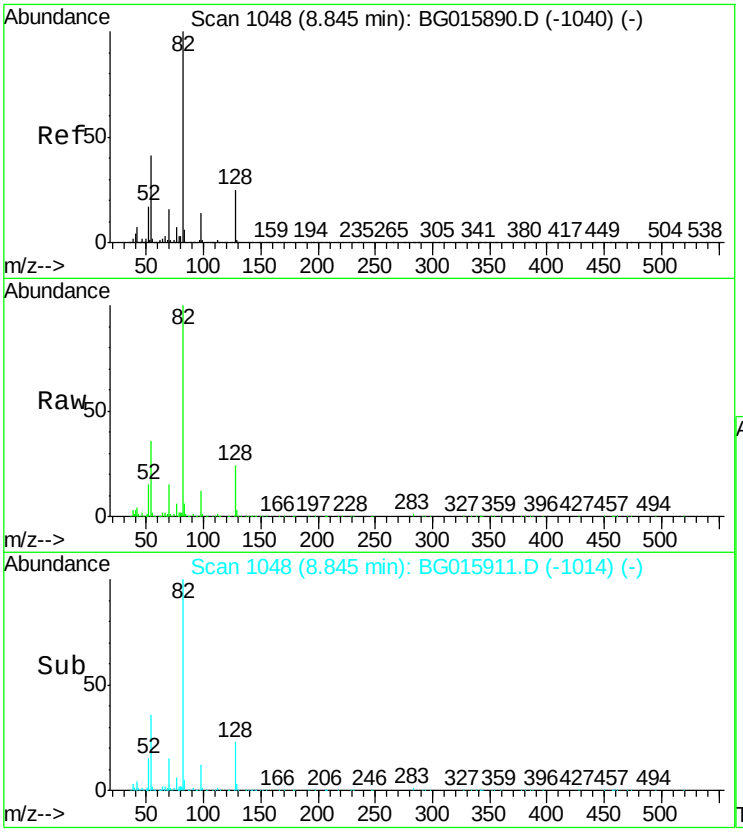


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Tgt Ion:136 Resp: 419651

Ion	Ratio	Lower	Upper
136	100		
137	9.2	9.7	14.5#
54	9.8	8.5	12.7
68	7.8	8.0	12.0#



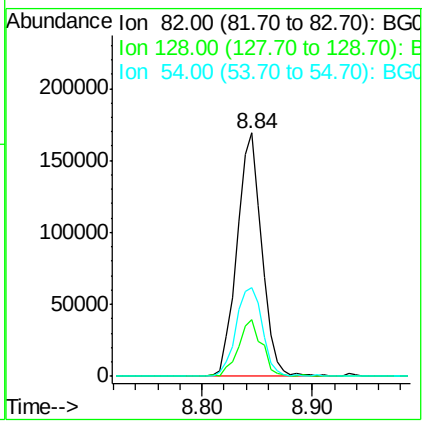


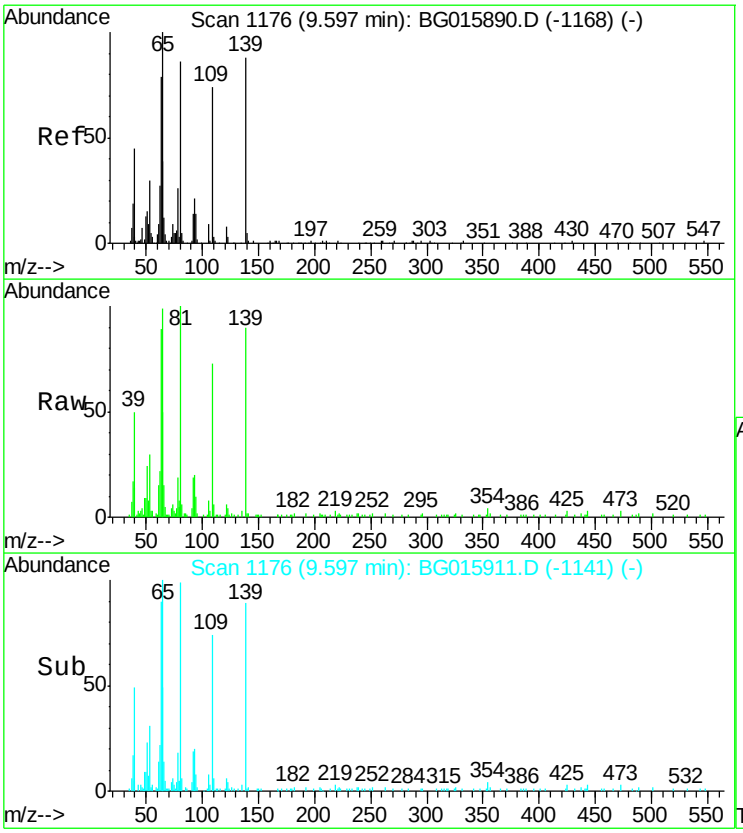
#23
Nitrobenzene-d5
Concen: 18.30 ng
RT: 8.84 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Instrument :
BNA_G
ClientSampleId :
8035DL

Tgt Ion: 82 Resp: 266452

Ion	Ratio	Lower	Upper
82	100		
128	23.6	19.8	29.8
54	36.5	33.0	49.4

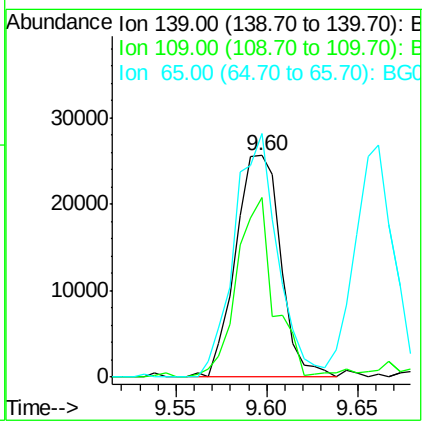


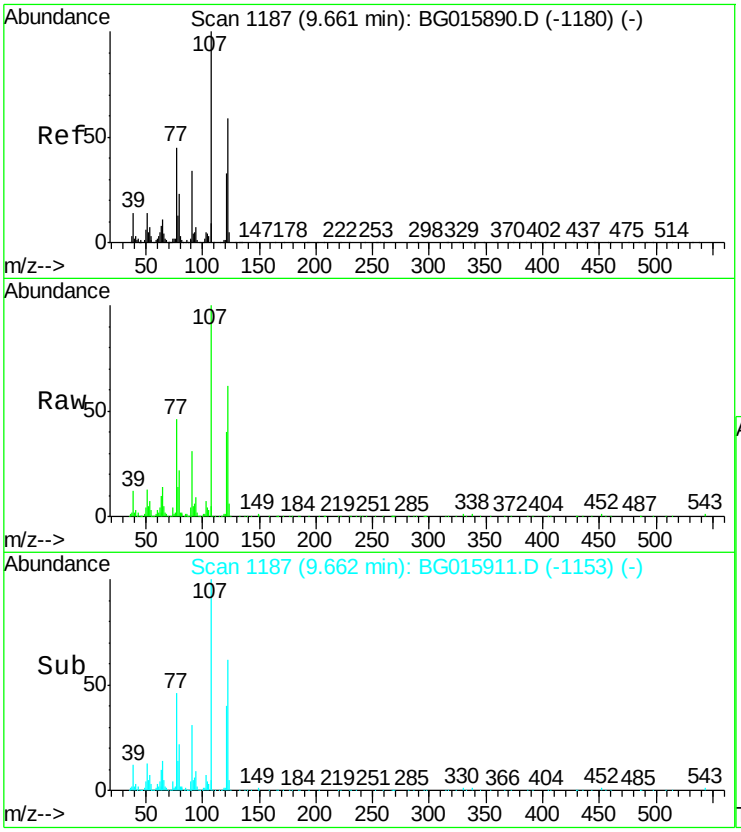


#26
2-Nitrophenol
Concen: 11.76 ng
RT: 9.60 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Tgt Ion:139 Resp: 44599

Ion	Ratio	Lower	Upper
139	100		
109	81.0	67.2	100.8
65	109.8	91.3	136.9



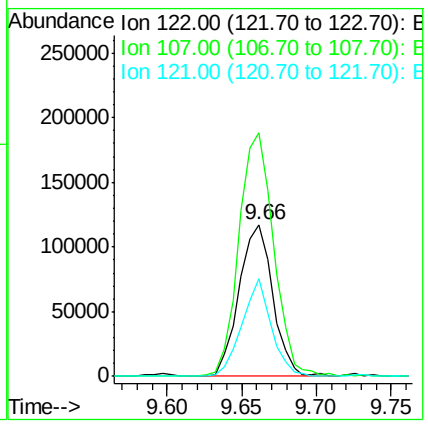


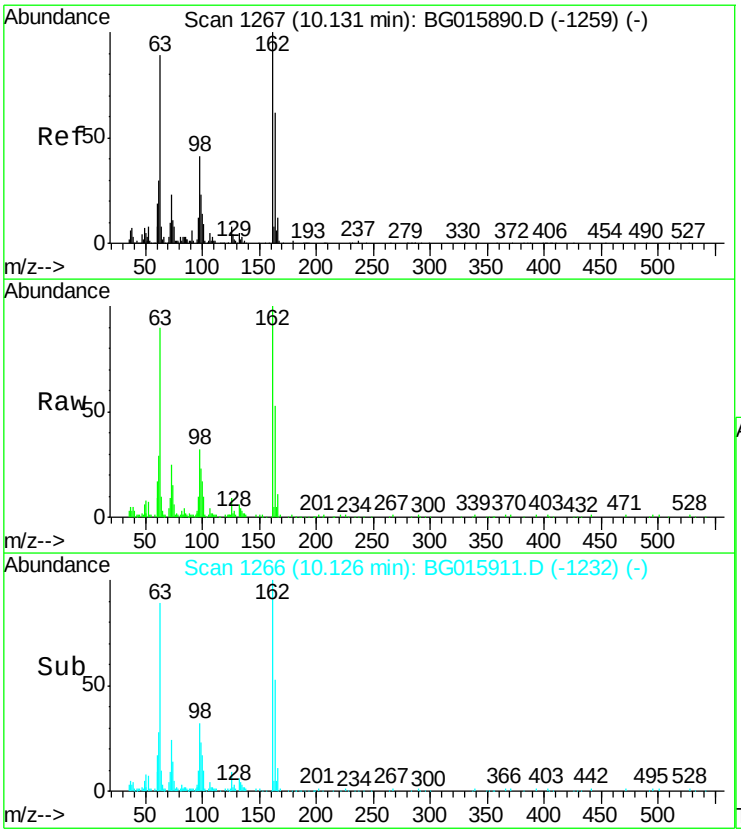
#27
2,4-Dimethylphenol
Concen: 25.10 ng
RT: 9.66 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Instrument :
BNA_G
ClientSampleId :
8035DL

Tgt Ion:122 Resp: 182118

Ion	Ratio	Lower	Upper
122	100		
107	160.1	136.8	205.2
121	64.1	44.9	67.3

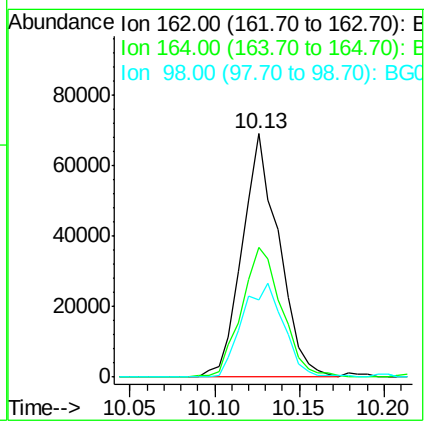


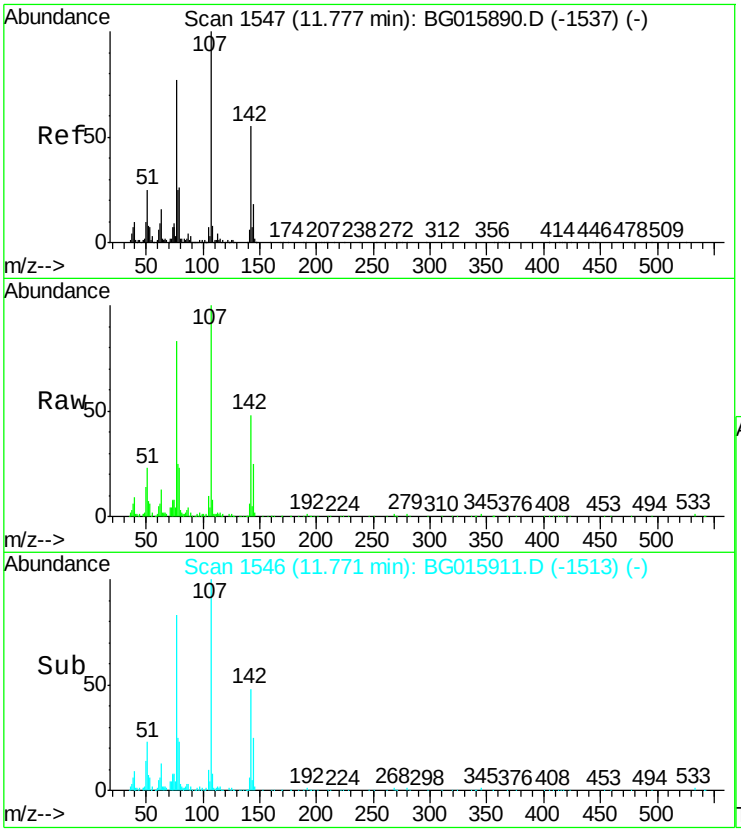


#29
2,4-Dichlorophenol
Concen: 13.74 ng
RT: 10.13 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Tgt Ion:162 Resp: 104123

Ion	Ratio	Lower	Upper
162	100		
164	53.3	42.5	82.5
98	31.8	21.1	61.1



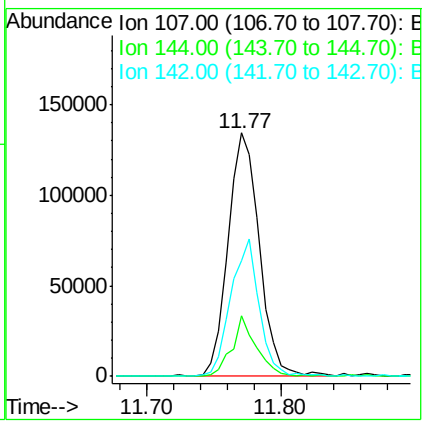


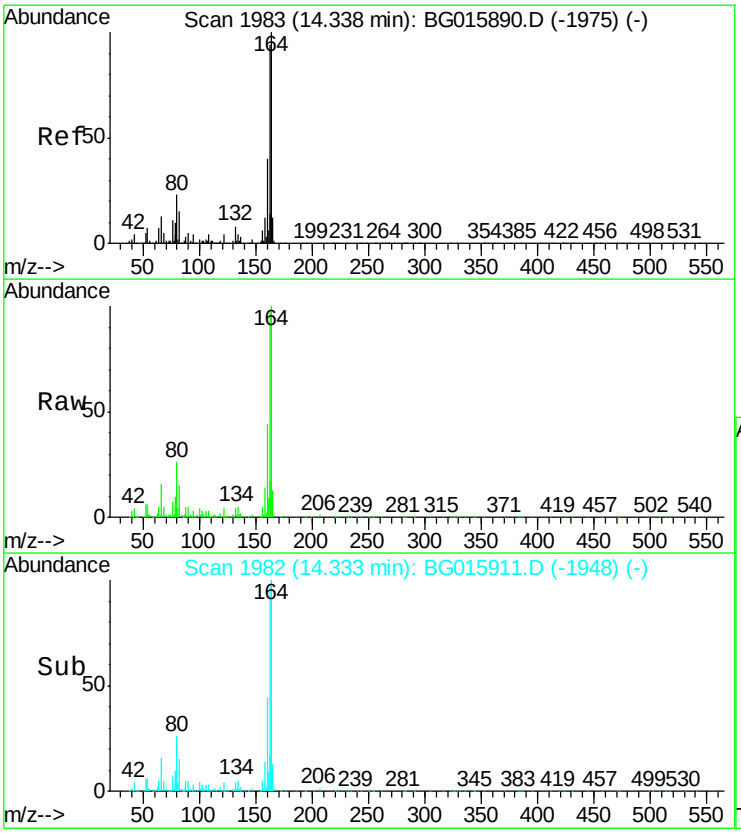
#36
4-Chloro-3-methylphenol
Concen: 19.65 ng
RT: 11.77 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Instrument :
BNA_G
ClientSampleId :
8035DL

Tgt Ion:107 Resp: 218994

Ion	Ratio	Lower	Upper
107	100		
144	24.6	14.6	22.0#
142	47.5	43.8	65.6

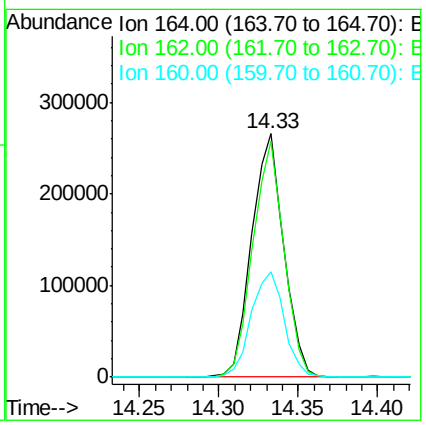


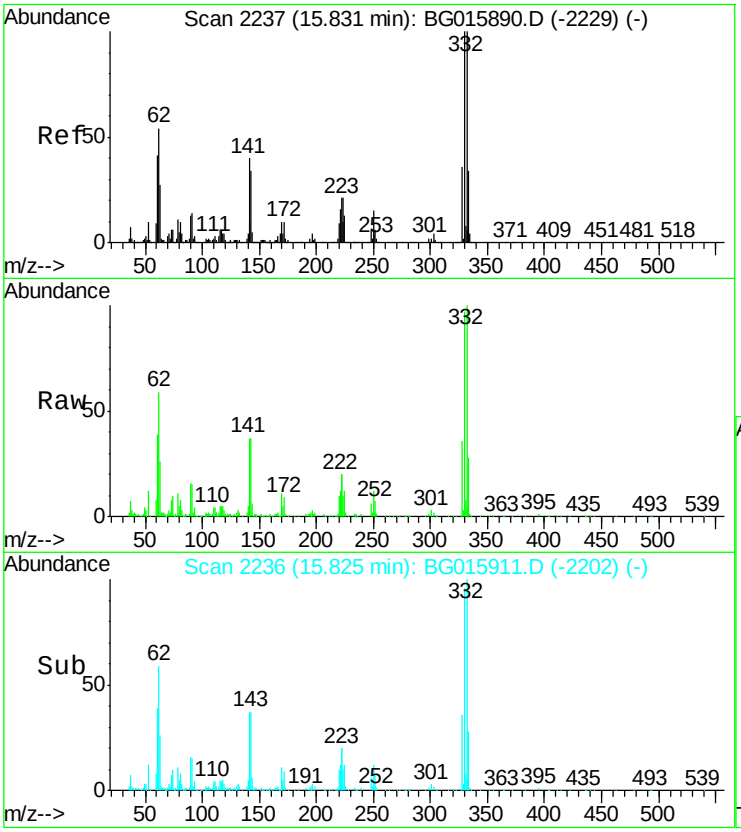


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Tgt Ion:164 Resp: 374865

Ion	Ratio	Lower	Upper
164	100		
162	96.8	75.1	112.7
160	43.5	32.3	48.5



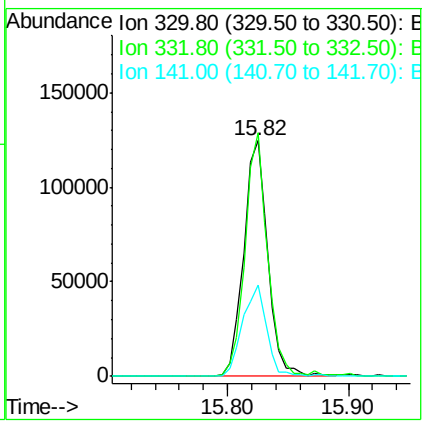


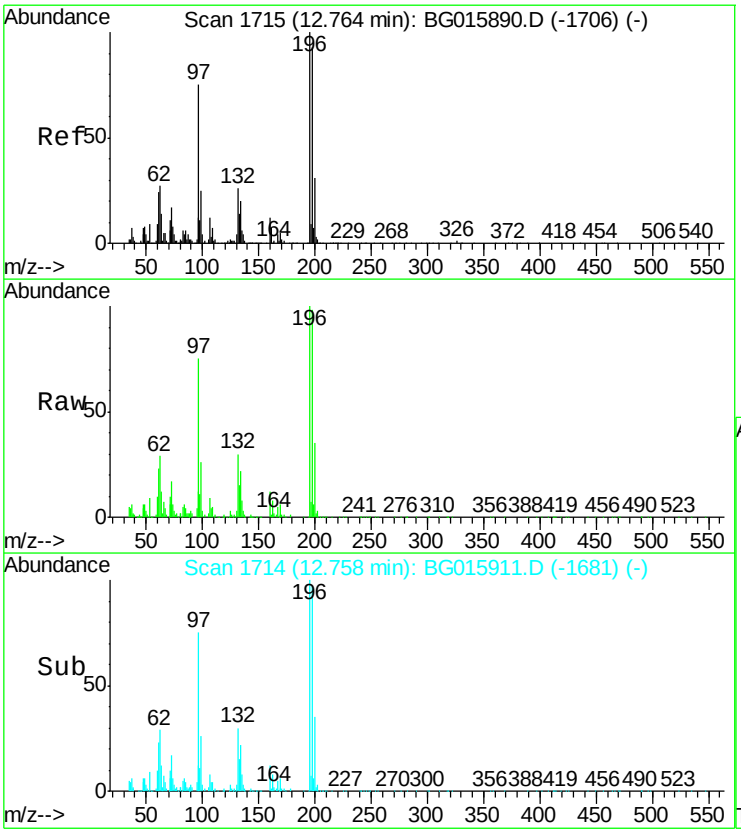
#41
2,4,6-Tribromophenol
Concen: 25.25 ng
RT: 15.82 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Instrument :
BNA_G
ClientSampleId :
8035DL

Tgt Ion:330 Resp: 173289

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.0
141	38.5	33.0	49.6

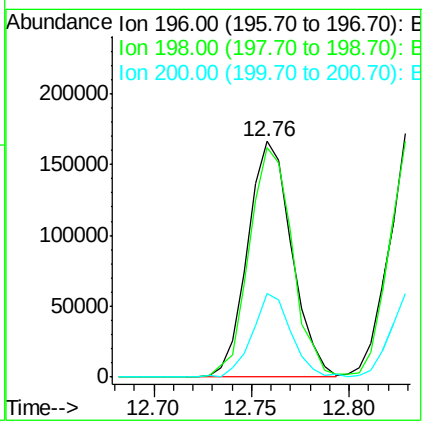


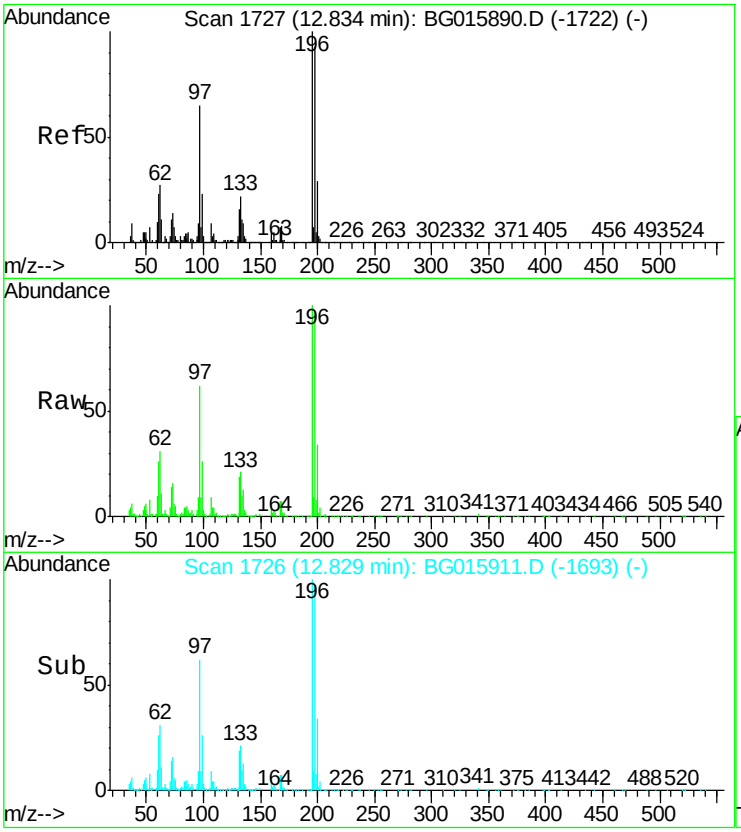


#42
2,4,6-Trichlorophenol
Concen: 31.12 ng
RT: 12.76 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Tgt Ion:196 Resp: 260565

Ion	Ratio	Lower	Upper
196	100		
198	97.6	74.1	111.1
200	35.5	24.6	37.0



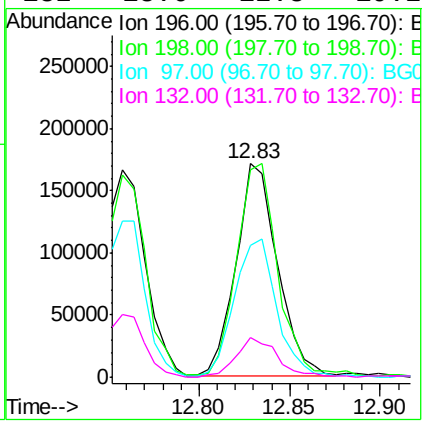


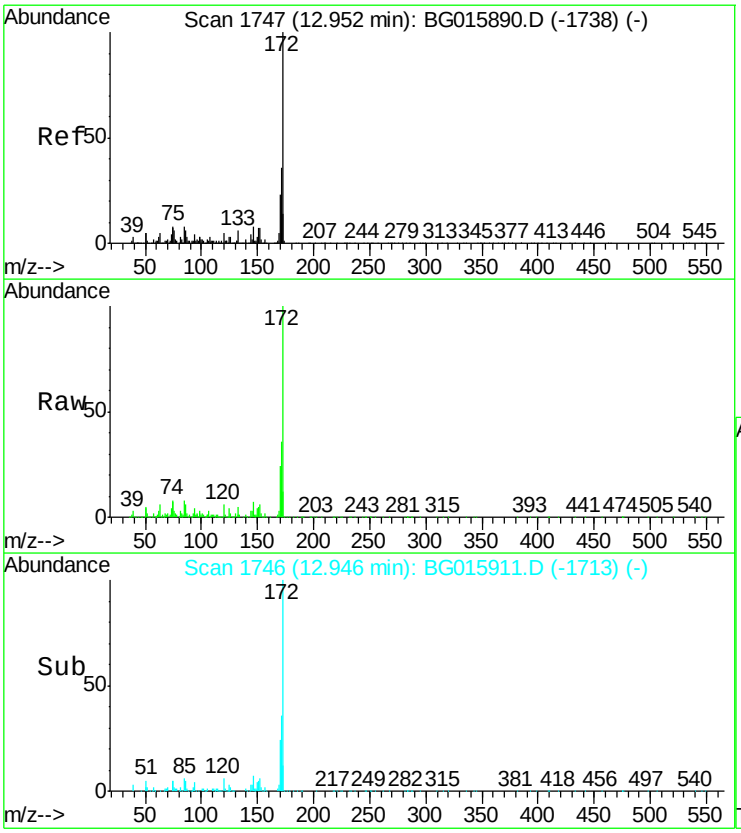
#43
2,4,5-Trichlorophenol
Concen: 28.64 ng
RT: 12.83 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Instrument :
BNA_G
ClientSampleId :
8035DL

Tgt Ion:196 Resp: 271155

Ion	Ratio	Lower	Upper
196	100		
198	96.9	74.7	112.1
97	61.8	52.5	78.7
132	18.6	12.8	19.2

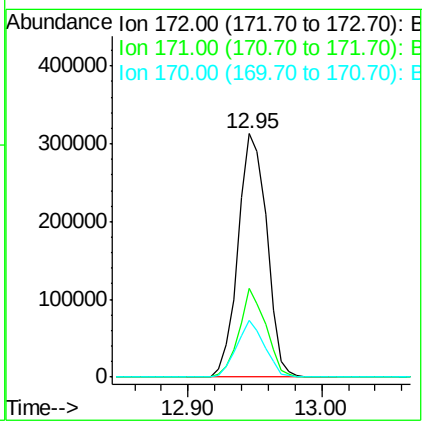


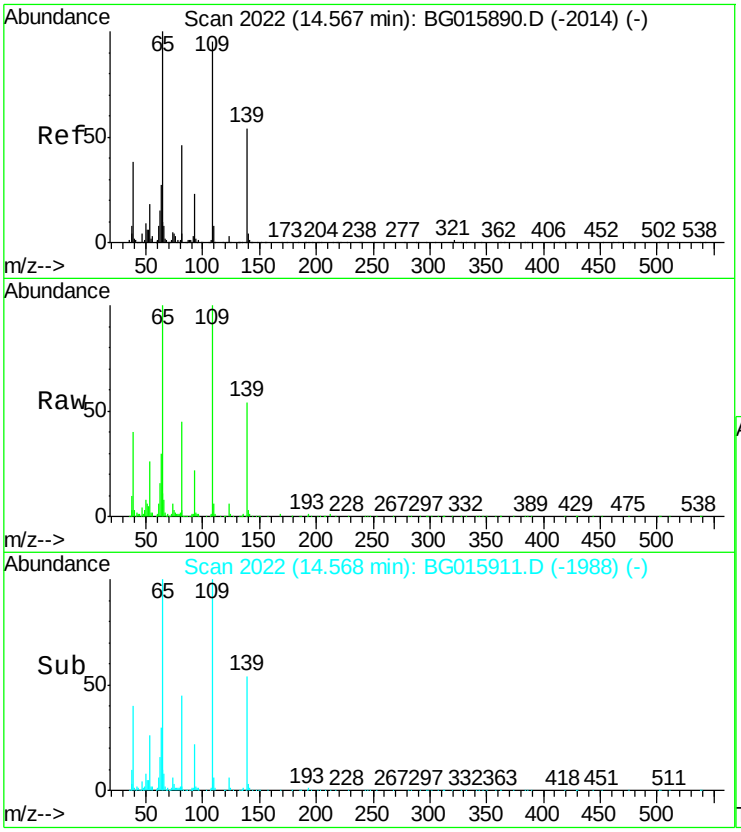


#44
2-Fluorobiphenyl
Concen: 19.38 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Tgt Ion:172 Resp: 463033

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	23.5	18.6	27.8



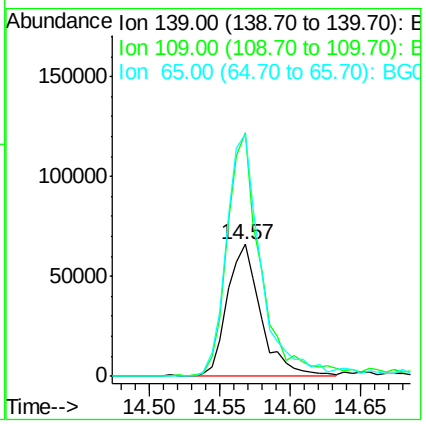


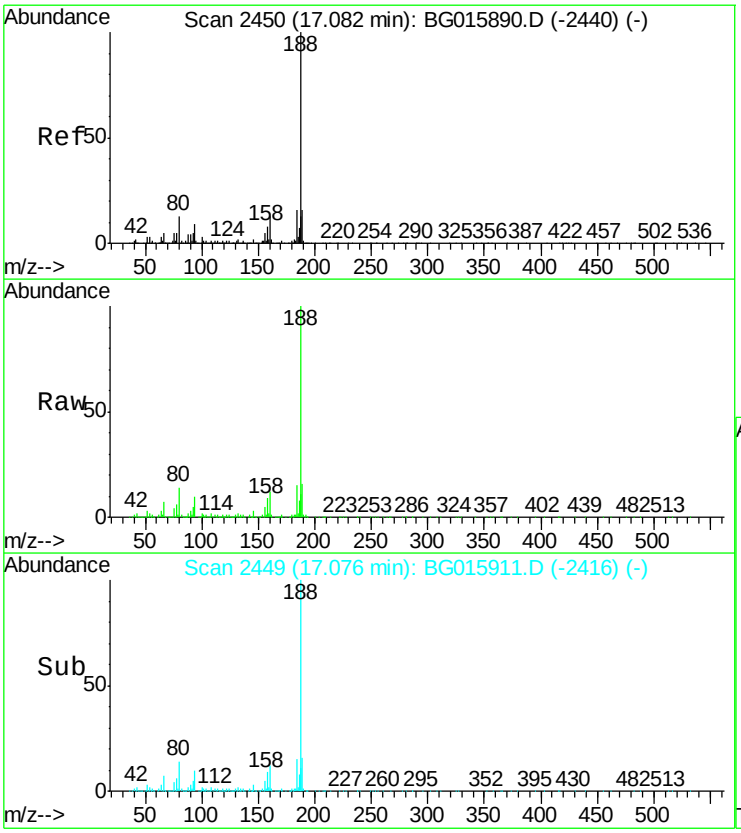
#55
4-Nitrophenol
Concen: 27.87 ng
RT: 14.57 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Instrument :
BNA_G
ClientSampleId :
8035DL

Tgt Ion:139 Resp: 109845

Ion	Ratio	Lower	Upper
139	100		
109	184.8	156.3	196.3
65	184.3	166.3	206.3

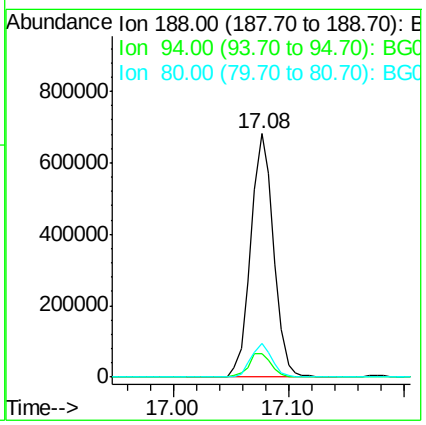


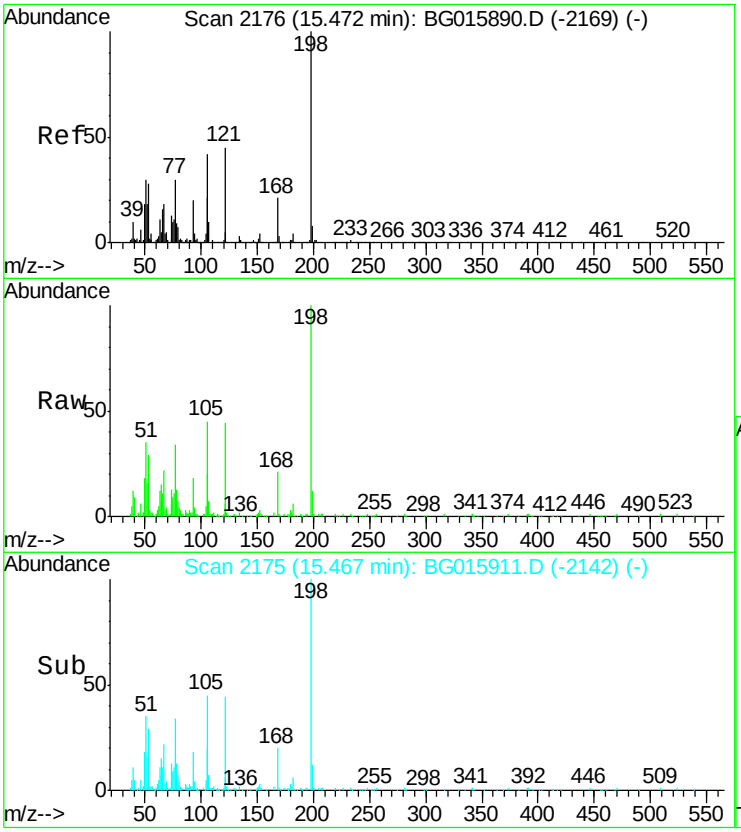


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Tgt Ion:188 Resp: 937237

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.8	11.8
80	13.8	10.6	16.0



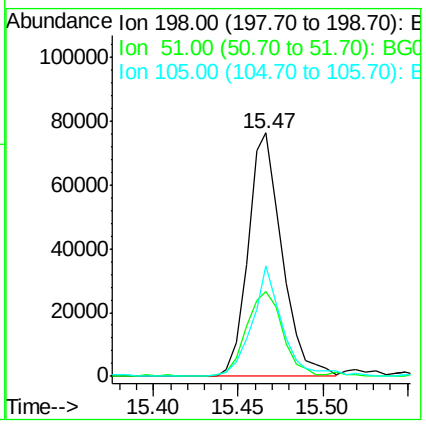


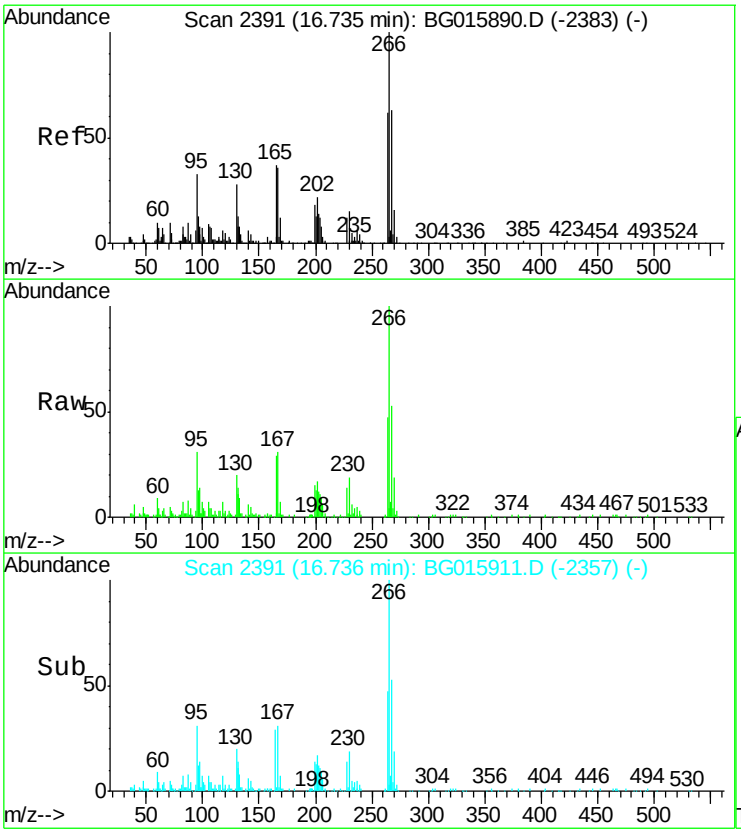
#64
4,6-Dinitro-2-methylphenol
Concen: 15.74 ng
RT: 15.47 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Instrument :
BNA_G
ClientSampleId :
8035DL

Tgt Ion:198 Resp: 106454

Ion	Ratio	Lower	Upper
198	100		
51	35.1	12.3	52.3
105	45.3	22.3	62.3

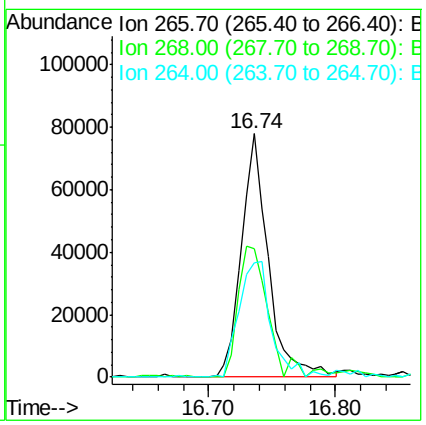


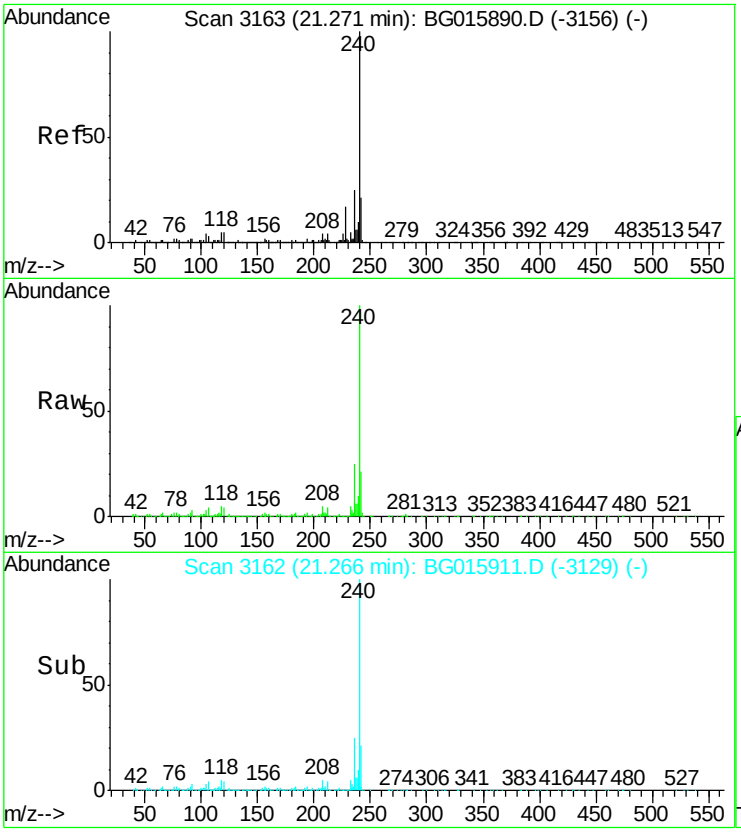


#69
Pentachlorophenol
Concen: 21.91 ng
RT: 16.74 min Scan# 2391
Delta R.T. 0.00 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Tgt Ion:266 Resp: 115116

Ion	Ratio	Lower	Upper
266	100		
268	52.7	53.5	80.3#
264	50.4	51.9	77.9#



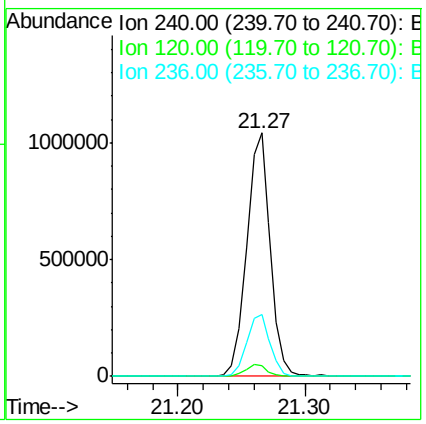


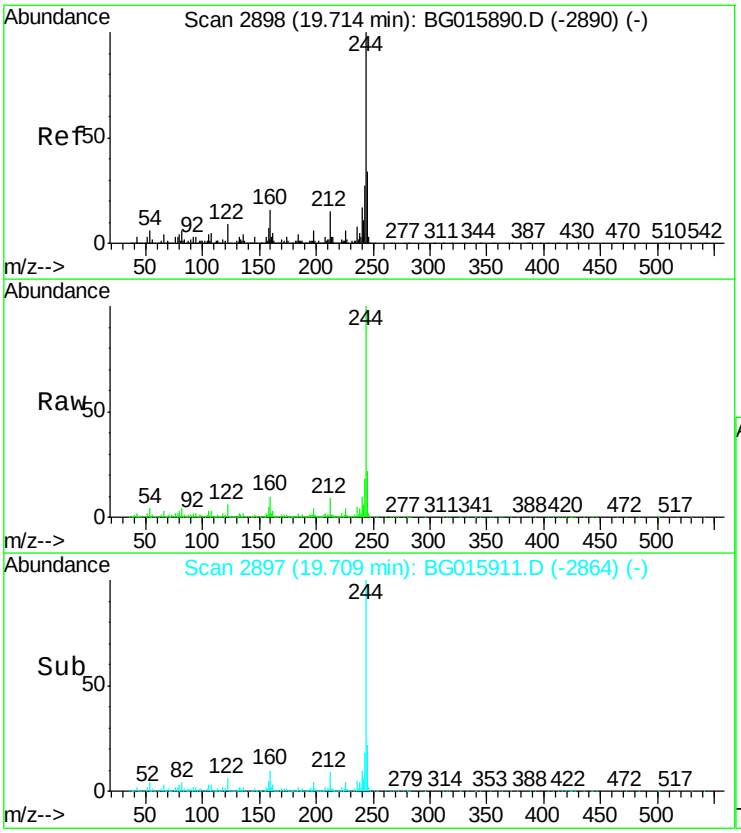
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Instrument :
BNA_G
ClientSampleId :
8035DL

Tgt Ion:240 Resp: 1343194

Ion	Ratio	Lower	Upper
240	100		
120	4.2	3.9	5.9
236	25.3	20.0	30.0

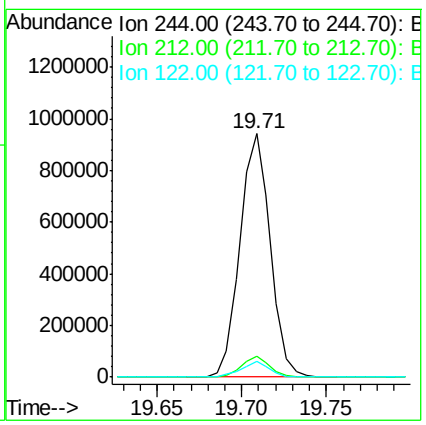


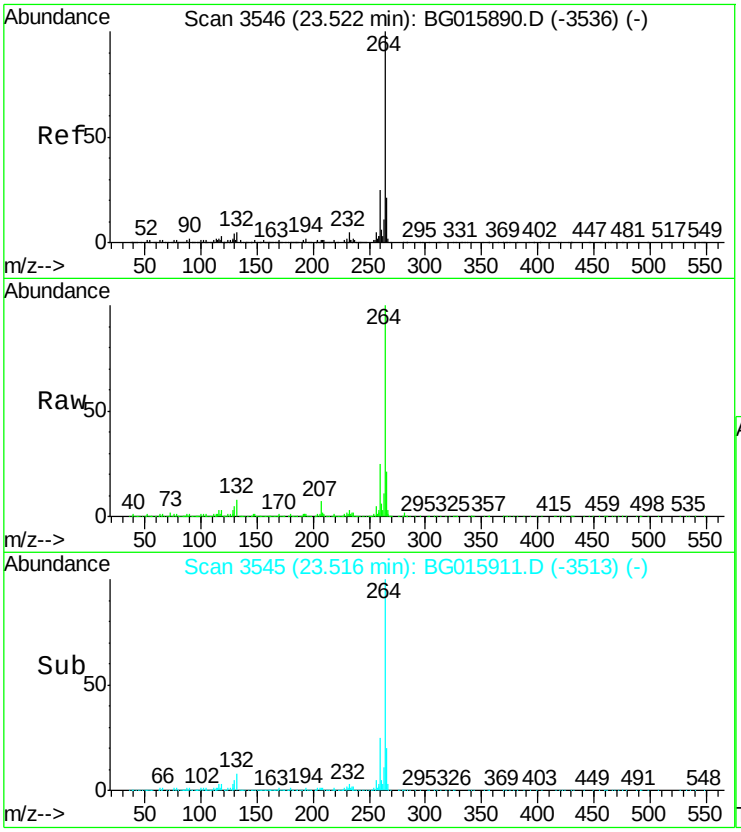


#78
Terphenyl-d14
Concen: 18.28 ng
RT: 19.71 min Scan# 2897
Delta R.T. -0.01 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Tgt Ion:244 Resp: 1175632

Ion	Ratio	Lower	Upper
244	100		
212	8.6	11.6	17.4#
122	6.3	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.52 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG015911.D
Acq: 21 Jan 2015 20:26

Instrument :
BNA_G
ClientSampleId :
8035DL

Tgt Ion:264 Resp: 1237795

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	20.7	17.3	25.9