Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016934.D
Acq On : 7 May 2015 23:33
Operator : TP/IZ
Sample : G2038-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-01

Quant Time: May 08 04:29:16 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 04:04:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	82728	20.00	ng		0.00
21) Naphthalene-d8	10.66	136	384601	20.00	ng		0.07
38) Acenaphthene-d10	14.44	164	219105	20.00	ng		0.00
63) Phenanthrene-d10	17.18	188	436016	20.00	ng		0.00
75) Chrysene-d12	21.36	240	440140	20.00	ng		0.00
86) Perylene-d12	23.66	264	420421	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	335573	70.63	ng		0.01
7) Phenol-d6	6.97	99	333283	49.10	ng		0.00
23) Nitrobenzene-d5	8.96	82	722248	91.74	ng		0.00
41) 2,4,6-Tribromophenol	15.93	330	352953	160.46	ng		0.00
44) 2-Fluorobiphenyl	13.06	172	1385127	95.40	ng		0.00
78) Terphenyl-d14	19.81	244	1695866	90.32	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.99	94	67596	9.29	ng		97
20) 3+4-Methylphenols	8.56	107	48994	6.94	ng		91
22) Acetophenone	8.62	105	295231	32.23	ng	#	97
27) 2,4-Dimethylphenol	9.79	122	159802	27.28	ng		96
31) Naphthalene	10.76	128	21227578	1109.69	ng	#	1
37) 2-Methylnaphthalene	12.27	142	3040485	208.68	ng	#	91
45) 1,1'-Biphenyl	13.27	154	637873	40.66	ng		97
48) Acenaphthylene	14.16	152	402733	18.61	ng	#	97
51) Acenaphthene	14.50	154	1191056	92.49	ng		97
54) Dibenzofuran	14.84	168	854948	46.75	ng		97
57) Fluorene	15.49	166	707385	43.69	ng		99
70) Phenanthrene	17.23	178	1094460	48.78	ng		99
71) Anthracene	17.31	178	147467	6.51	ng		96
72) Carbazole	17.59	167	2140304	99.46	ng		92
74) Fluoranthene	19.24	202	147512	5.67	ng		96
77) Pyrene	19.60	202	95189	3.66	ng		95

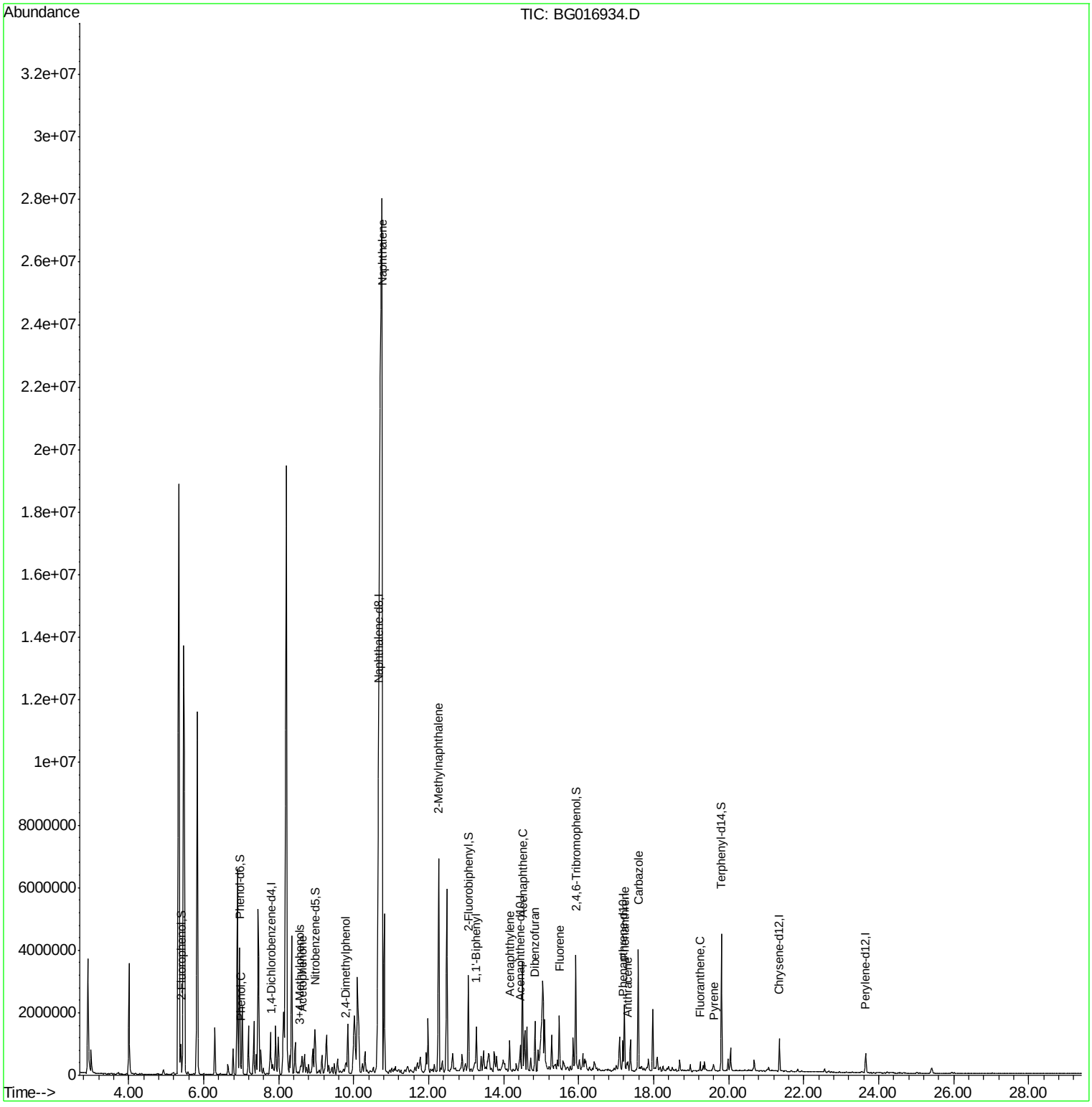
(#) = qualifier out of range (m) = manual integration (+) = signals summed

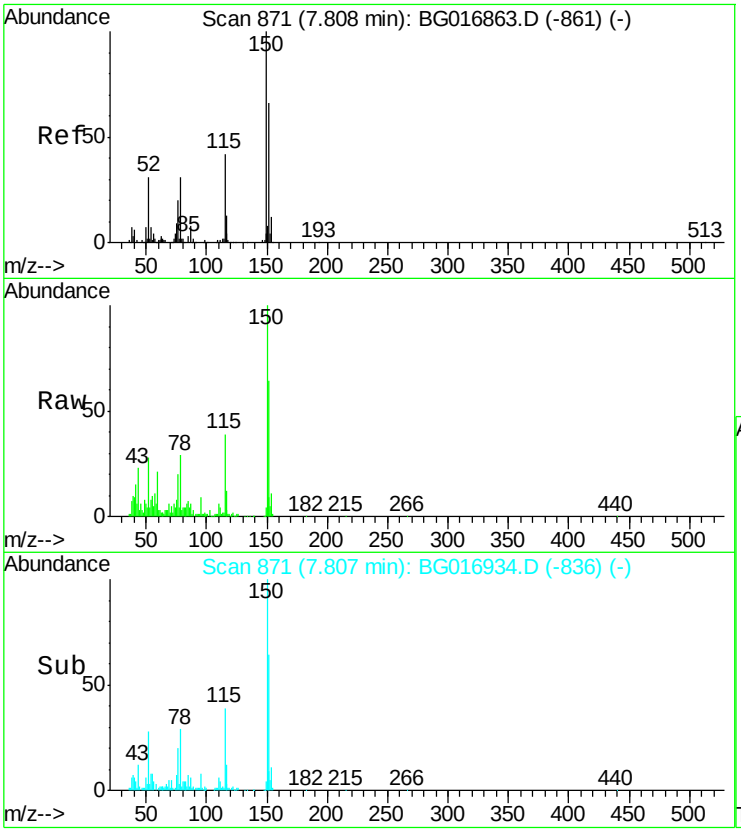
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016934.D
Acq On : 7 May 2015 23:33
Operator : TP/IZ
Sample : G2038-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBMW-01

Quant Time: May 08 04:29:16 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 04:04:43 2015
Response via : Initial Calibration



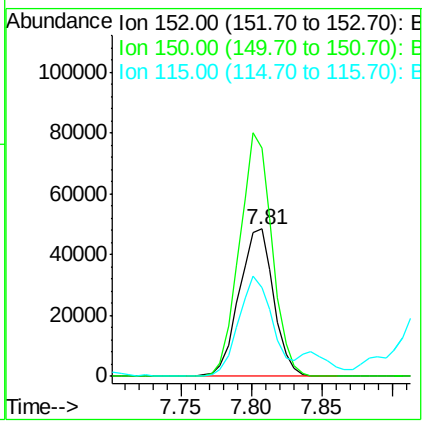


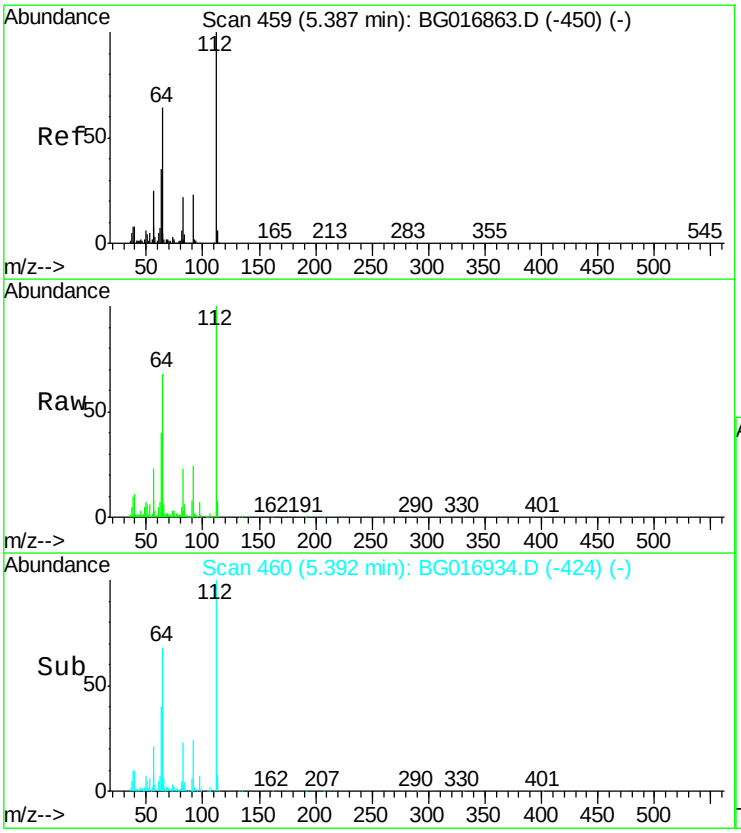
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.81 min Scan# 871
Delta R.T. 0.01 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Instrument :
BNA_G
ClientSampleId :
DBMW-01

Tgt Ion:152 Resp: 82728

Ion	Ratio	Lower	Upper
152	100		
150	155.2	121.0	181.4
115	60.2	50.5	75.7

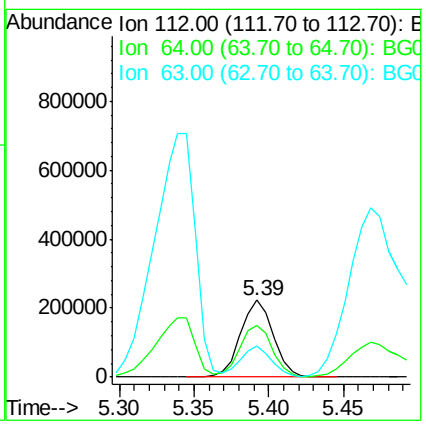


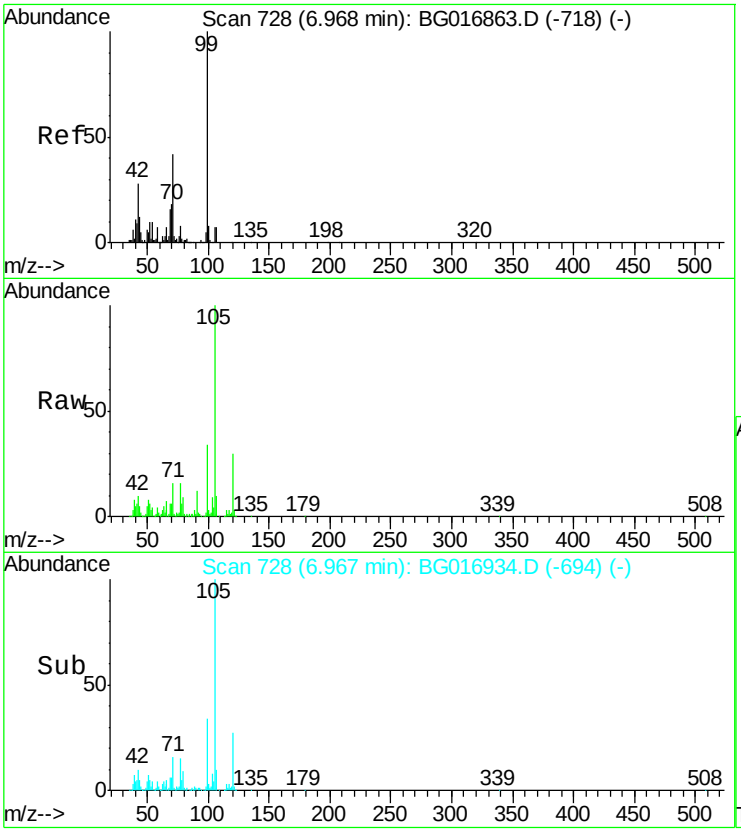


#5
2-Fluorophenol
Concen: 70.63 ng
RT: 5.39 min Scan# 460
Delta R.T. 0.01 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Tgt Ion:112 Resp: 335573

Ion	Ratio	Lower	Upper
112	100		
64	67.5	51.4	77.2
63	39.9	28.1	42.1



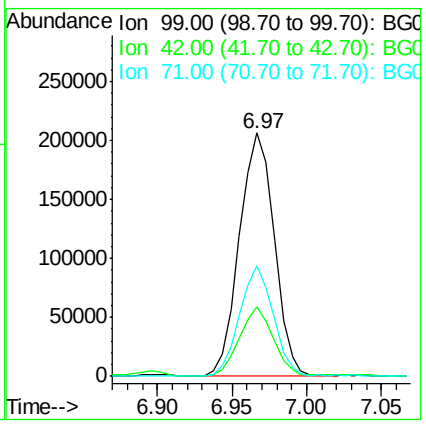


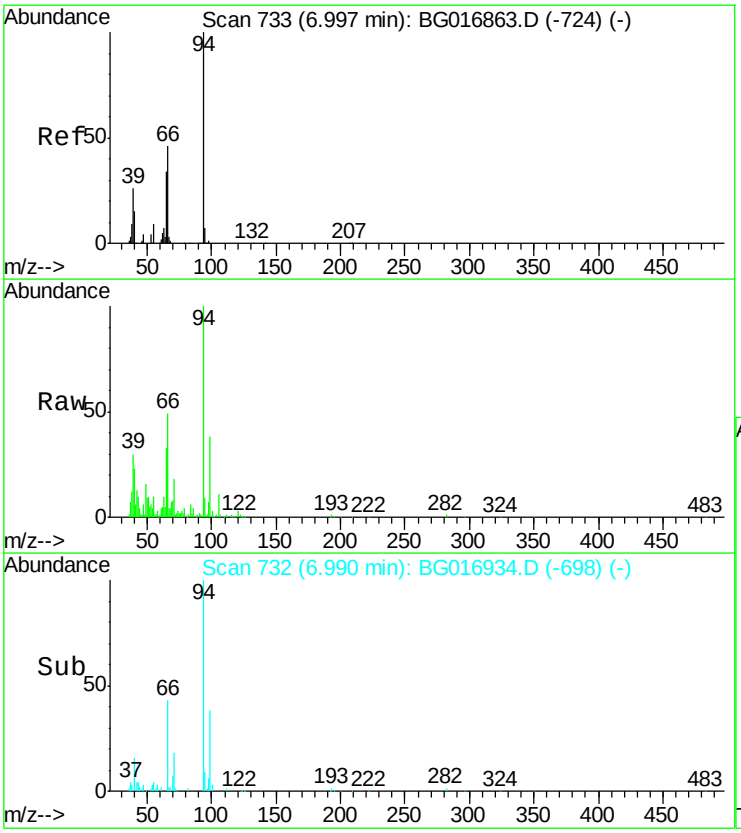
#7
Phenol-d6
Concen: 49.10 ng
RT: 6.97 min Scan# 728
Delta R.T. 0.00 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Instrument :
BNA_G
ClientSampleId :
DBMW-01

Tgt Ion: 99 Resp: 333283

Ion	Ratio	Lower	Upper
99	100		
42	28.4	22.1	33.1
71	45.4	33.4	50.0

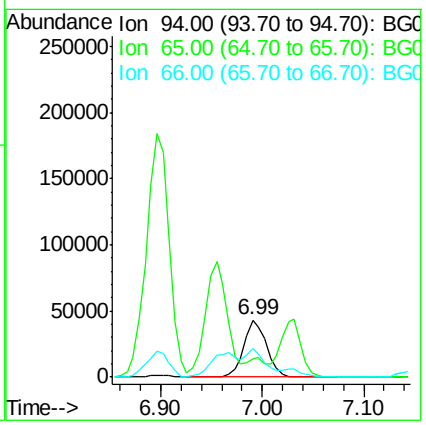


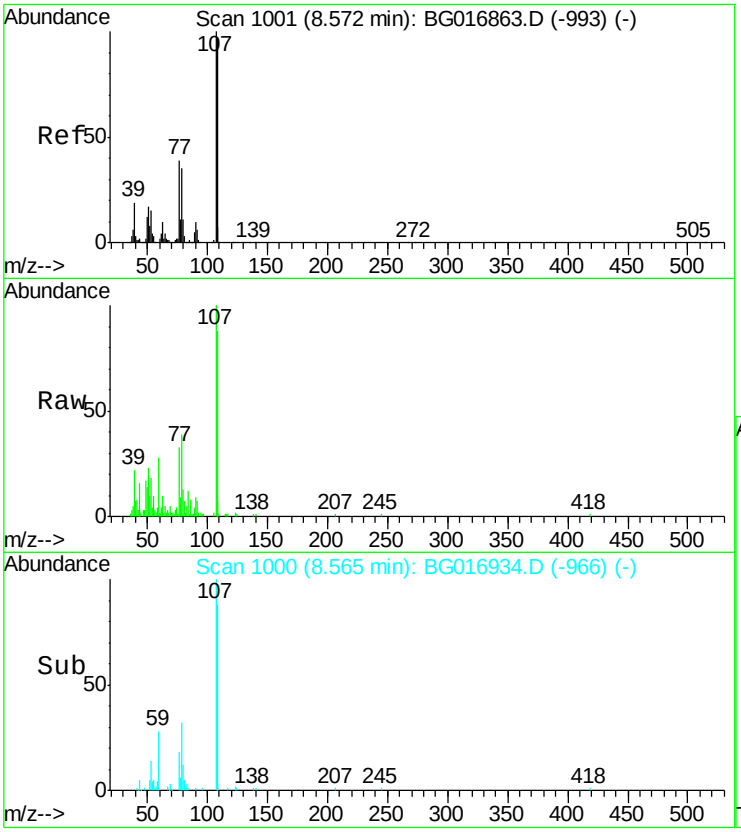


#10
Phenol
Concen: 9.29 ng
RT: 6.99 min Scan# 732
Delta R.T. 0.00 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Tgt Ion: 94 Resp: 67596

Ion	Ratio	Lower	Upper
94	100		
65	33.0	14.3	54.3
66	49.1	26.9	66.9



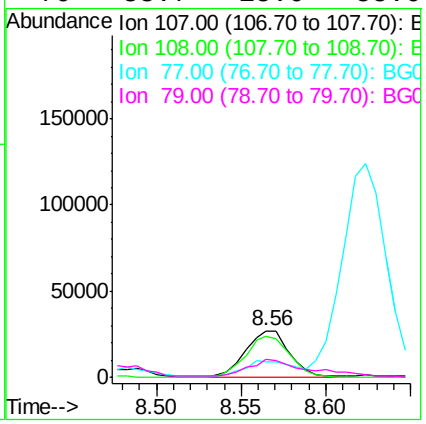


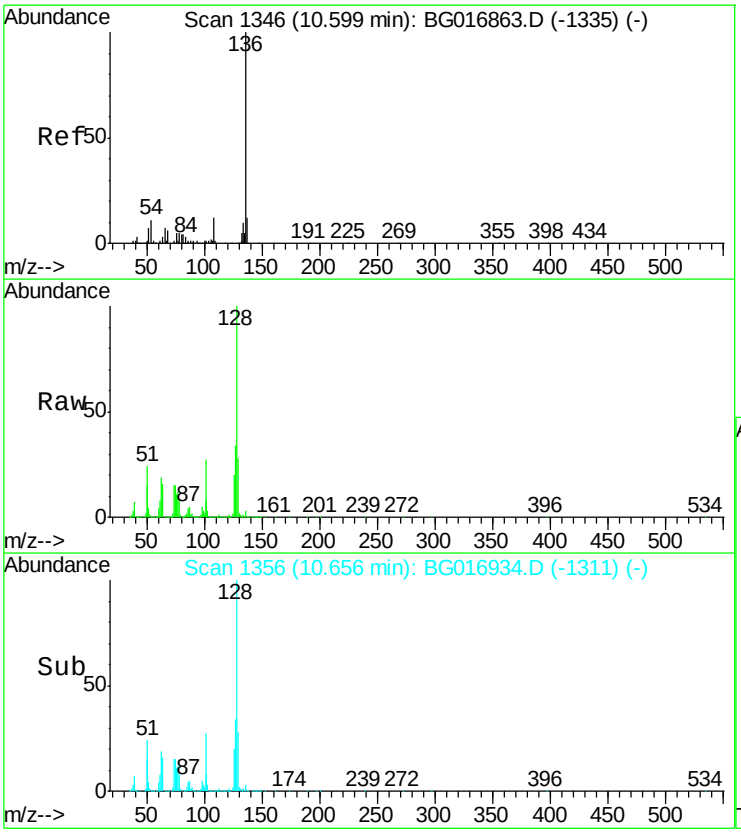
#20
3+4-Methylphenols
Concen: 6.94 ng
RT: 8.56 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Instrument :
BNA_G
ClientSampleId :
DBMW-01

Tgt Ion:107 Resp: 48994

Ion	Ratio	Lower	Upper
107	100		
108	87.7	76.6	116.6
77	33.4	19.0	59.0
79	38.7	15.0	55.0

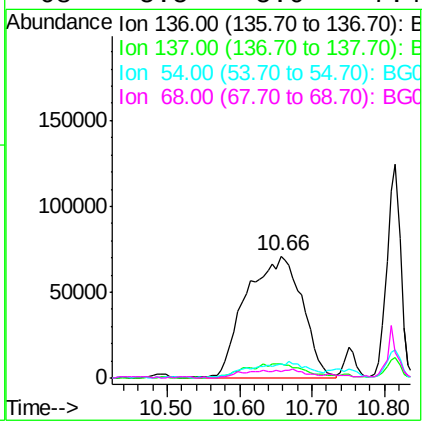


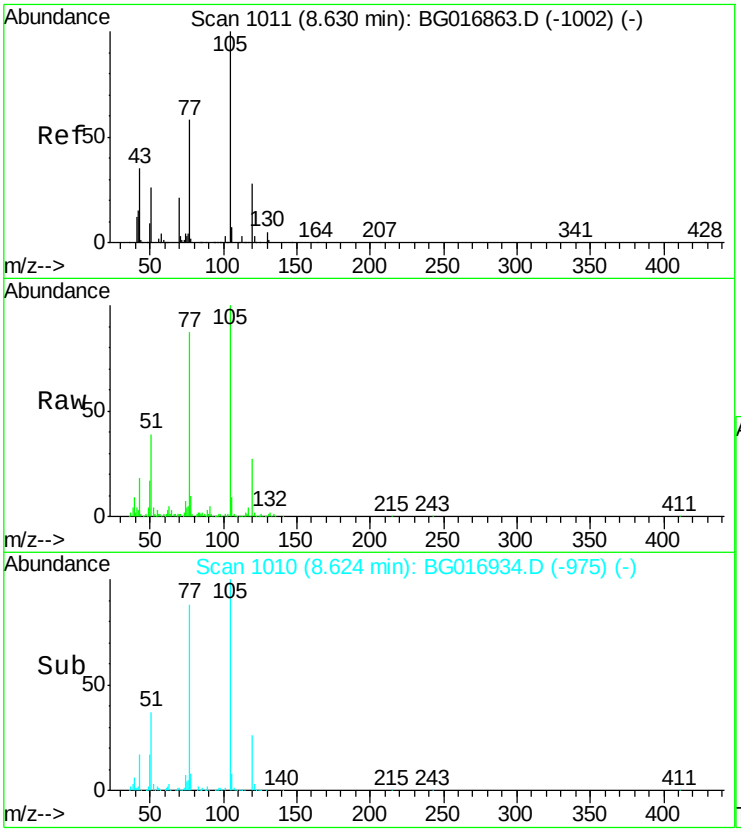


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.66 min Scan# 1356
Delta R.T. 0.07 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Tgt Ion:136 Resp: 384601

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.8	14.8
54	11.7	8.7	13.1
68	5.5	5.0	7.4



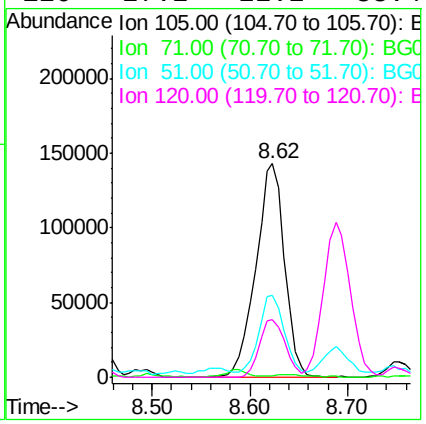


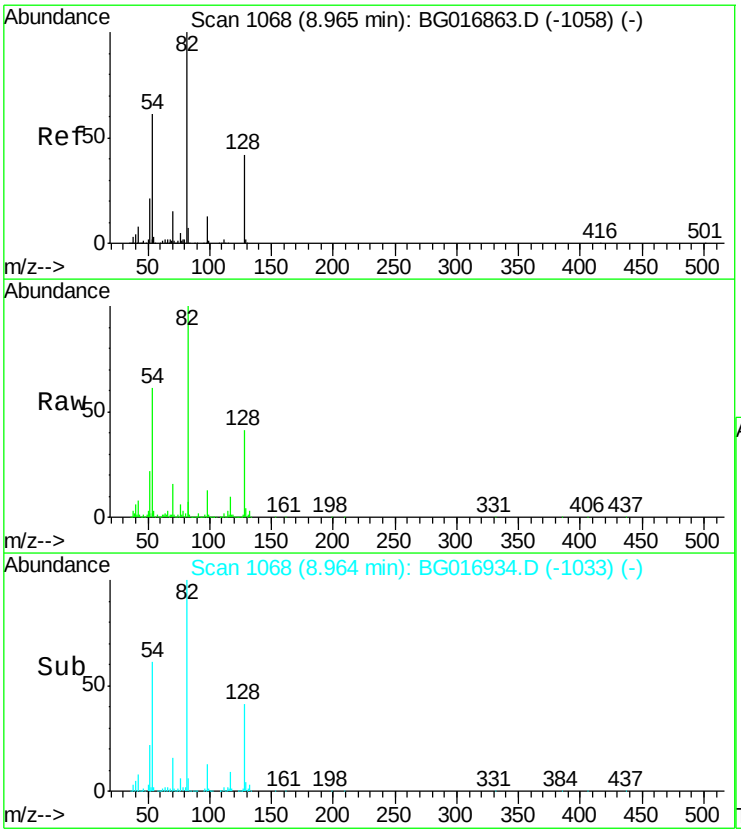
#22
Acetophenone
Concen: 32.23 ng
RT: 8.62 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Instrument :
BNA_G
ClientSampleId :
DBMW-01

Tgt Ion:105 Resp: 295231

Ion	Ratio	Lower	Upper
105	100		
71	0.7	2.8	4.2#
51	38.6	29.4	44.2
120	27.2	22.2	33.4

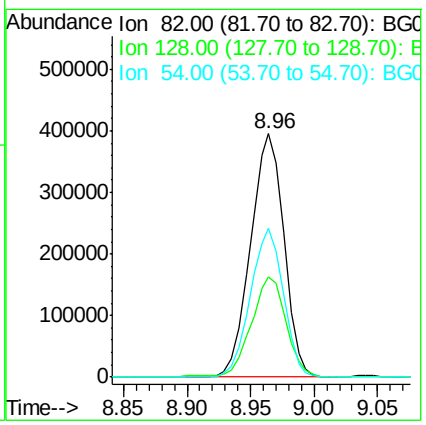


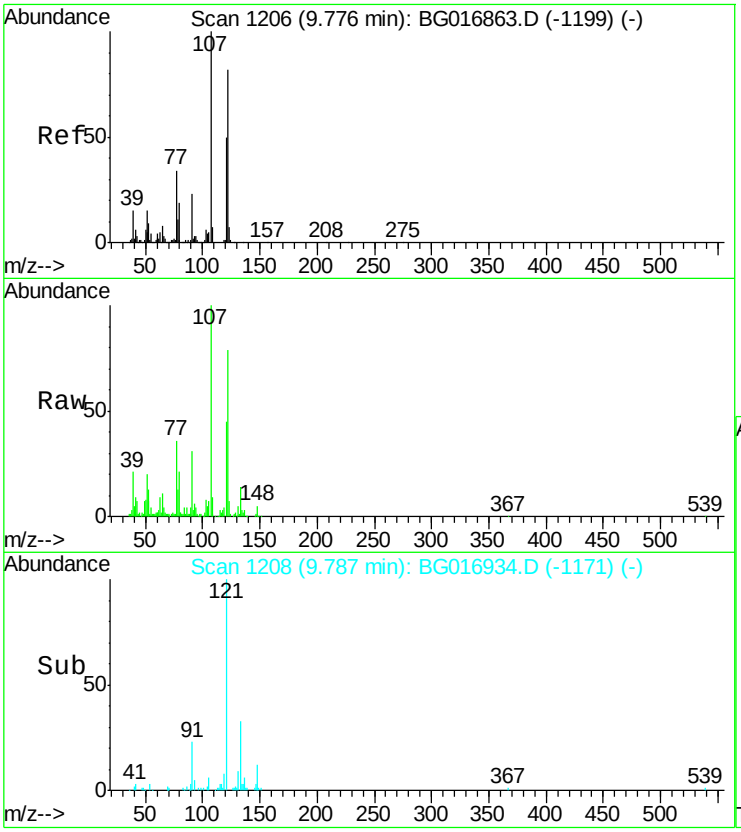


#23
Nitrobenzene-d5
Concen: 91.74 ng
RT: 8.96 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Tgt Ion: 82 Resp: 722248

Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.2	49.8
54	61.2	48.6	72.8



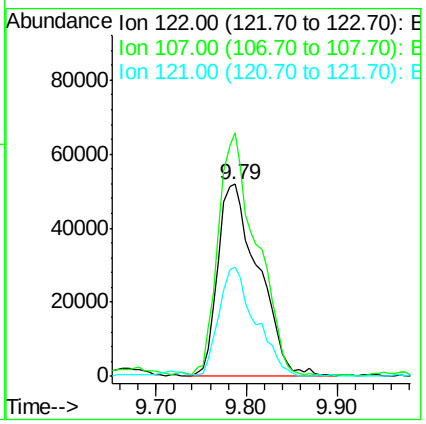


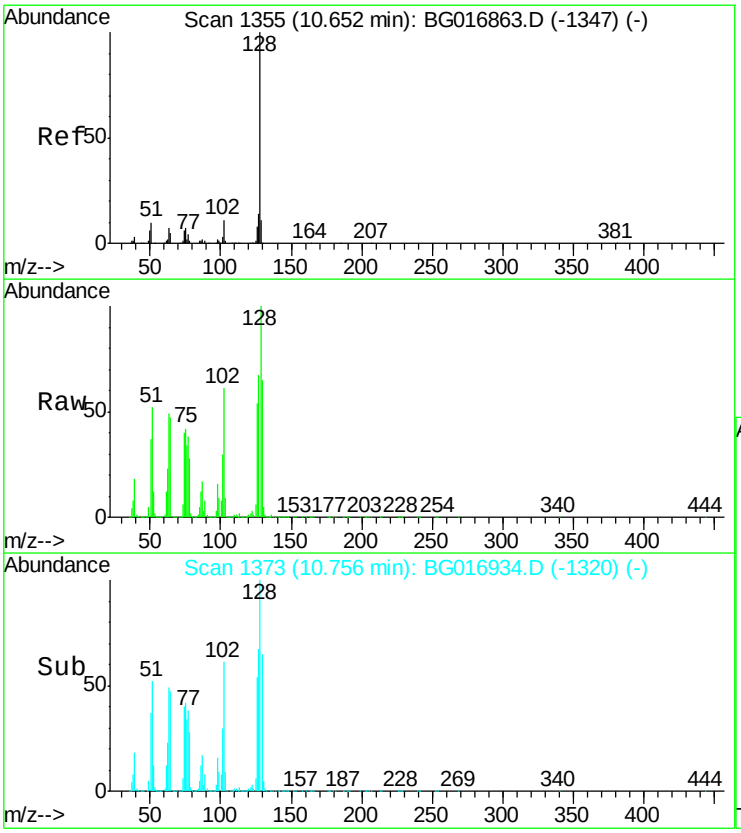
#27
2,4-Dimethylphenol
Concen: 27.28 ng
RT: 9.79 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Instrument :
BNA_G
ClientSampleId :
DBMW-01

Tgt Ion:122 Resp: 159802

Ion	Ratio	Lower	Upper
122	100		
107	126.6	97.6	146.4
121	56.7	48.4	72.6

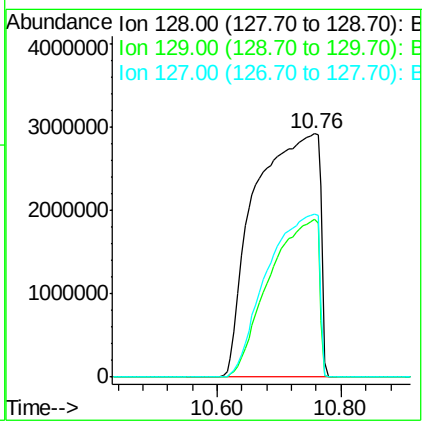


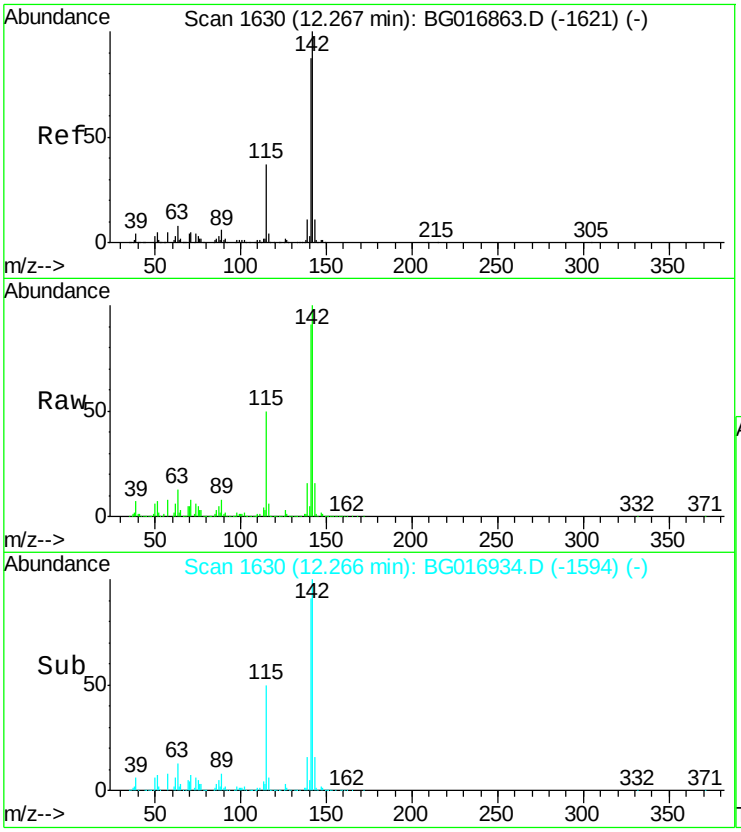


#31
Naphthalene
Concen: 1109.69 ng
RT: 10.76 min Scan# 1373
Delta R.T. 0.11 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Tgt Ion:128 Resp:21227578

Ion	Ratio	Lower	Upper
128	100		
129	64.6	9.1	13.7#
127	67.0	10.9	16.3#



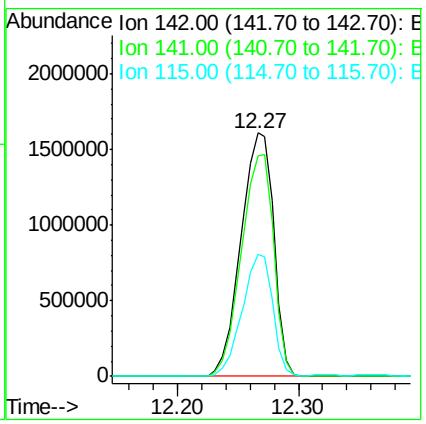


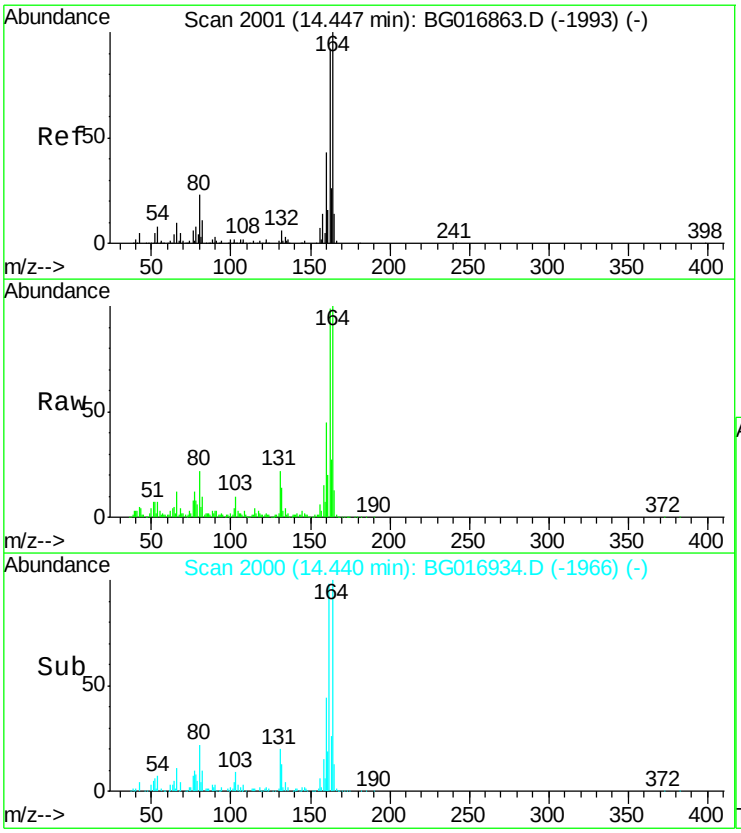
#37
2-Methylnaphthalene
Concen: 208.68 ng
RT: 12.27 min Scan# 1630
Delta R.T. 0.01 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Instrument :
BNA_G
ClientSampleId :
DBMW-01

Tgt Ion:142 Resp: 3040485

Ion	Ratio	Lower	Upper
142	100		
141	90.6	69.9	104.9
115	50.0	29.8	44.8#

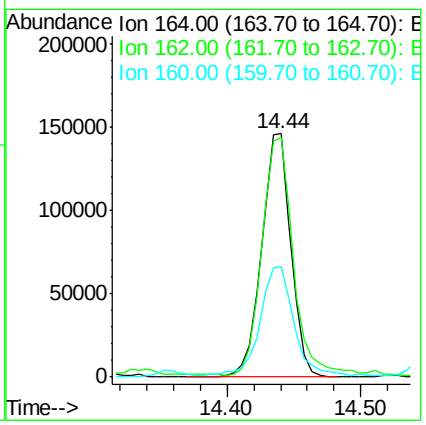


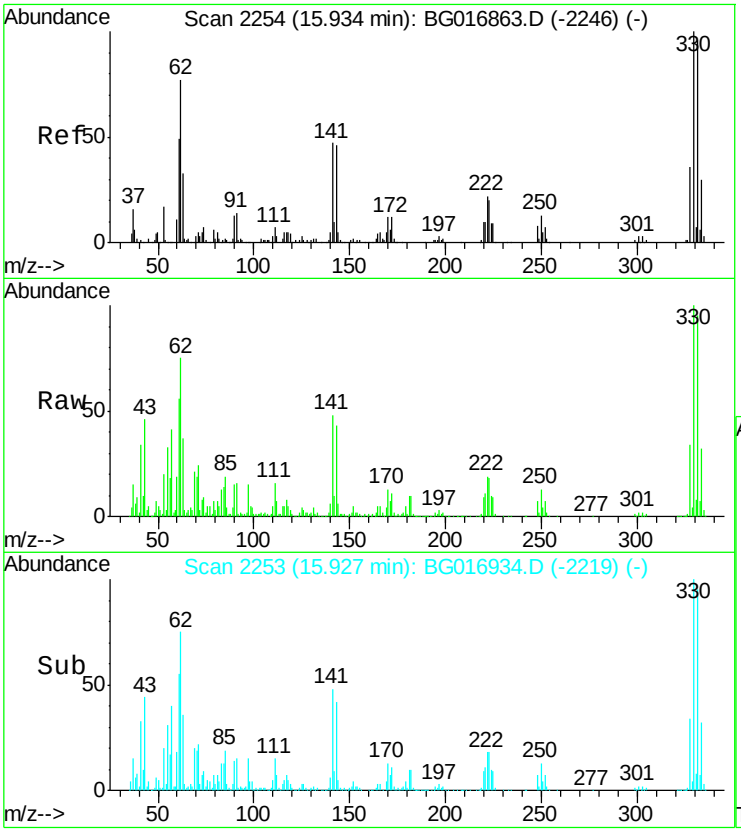


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.44 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Tgt Ion:164 Resp: 219105

Ion	Ratio	Lower	Upper
164	100		
162	98.5	74.0	111.0
160	45.3	34.7	52.1



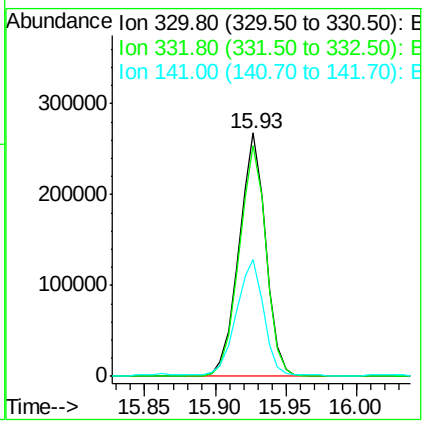


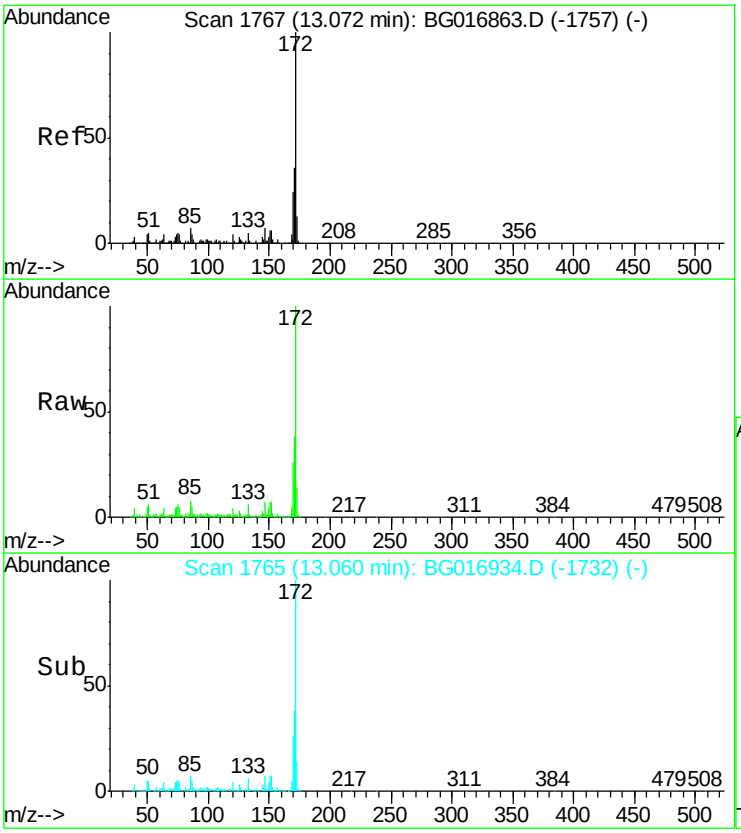
#41
2,4,6-Tribromophenol
Concen: 160.46 ng
RT: 15.93 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Instrument :
BNA_G
ClientSampleId :
DBMW-01

Tgt Ion:330 Resp: 352953

Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	49.5	0.0	0.0#

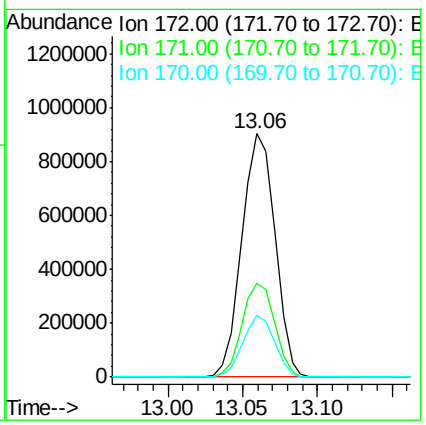


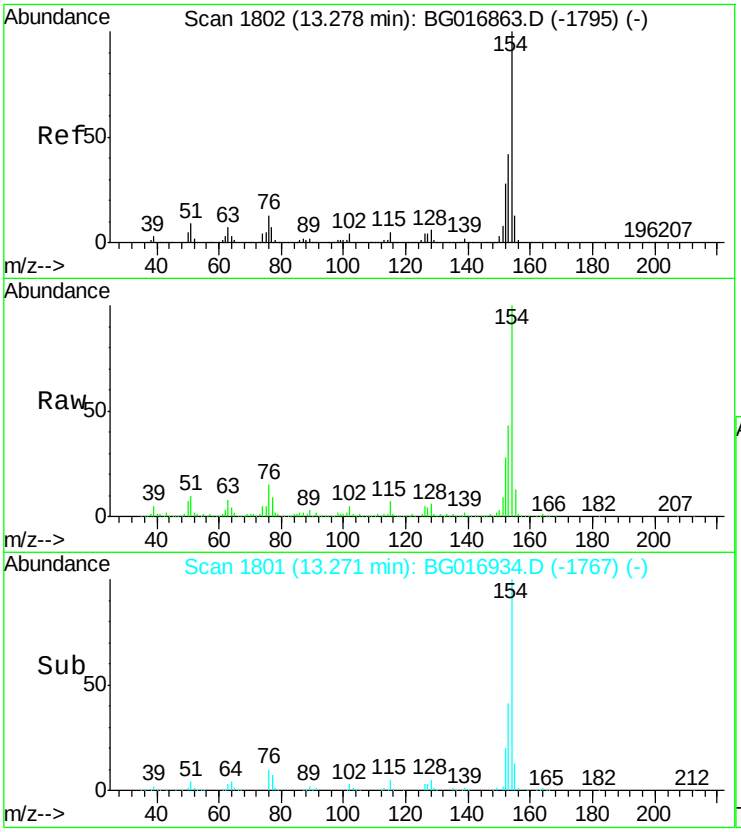


#44
2-Fluorobiphenyl
Concen: 95.40 ng
RT: 13.06 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Tgt Ion:172 Resp: 1385127

Ion	Ratio	Lower	Upper
172	100		
171	38.3	29.0	43.4
170	25.6	19.0	28.4



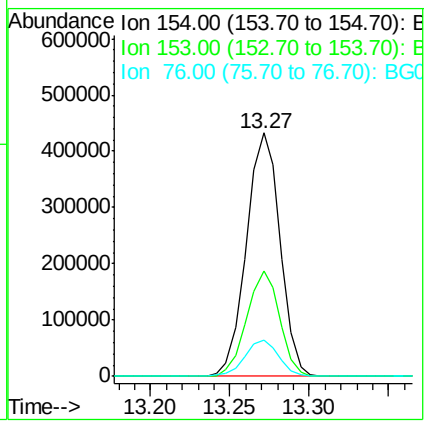


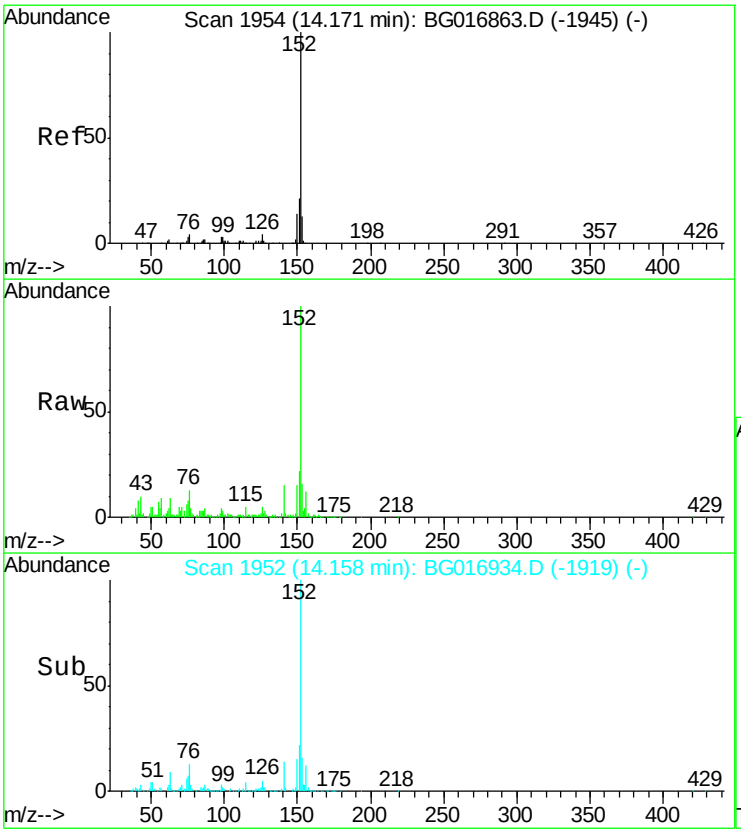
#45
1,1'-Biphenyl
Concen: 40.66 ng
RT: 13.27 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Instrument :
BNA_G
ClientSampleId :
DBMW-01

Tgt Ion:154 Resp: 637873

Ion	Ratio	Lower	Upper
154	100		
153	43.5	22.0	62.0
76	14.7	0.0	33.3

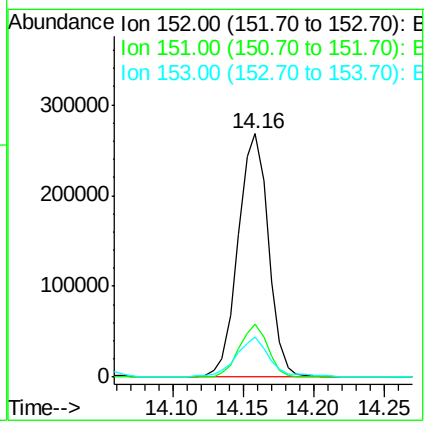


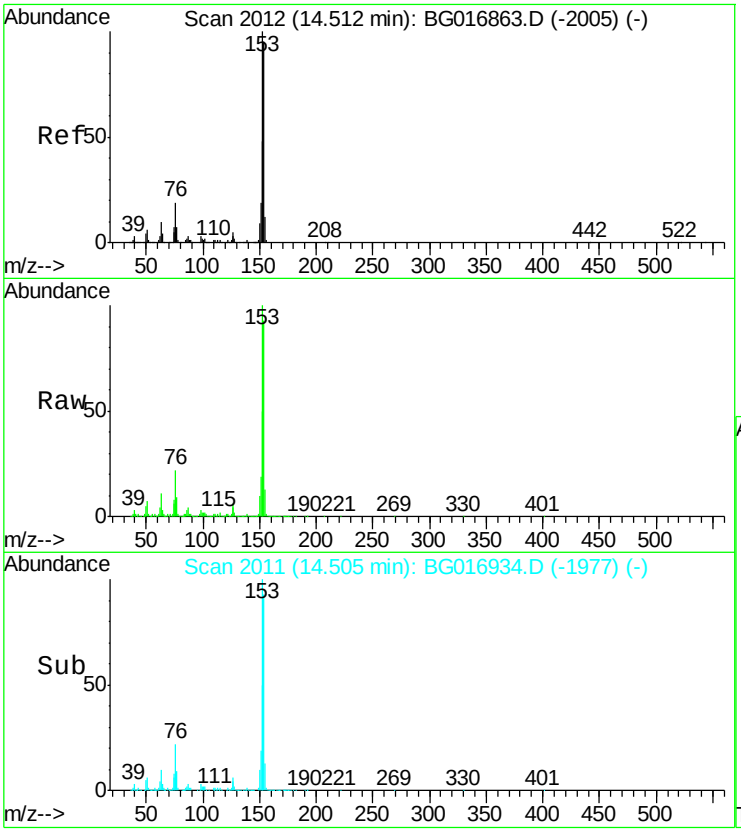


#48
Acenaphthylene
Concen: 18.61 ng
RT: 14.16 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Tgt Ion:152 Resp: 402733

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.0	25.4
153	16.3	10.7	16.1#



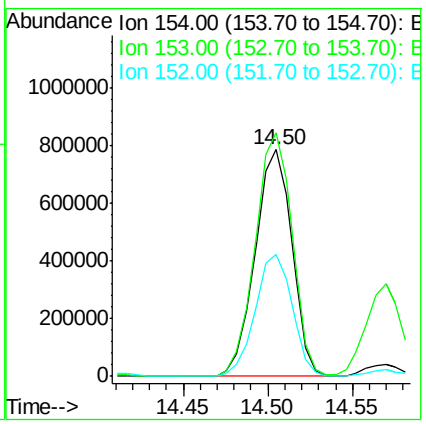


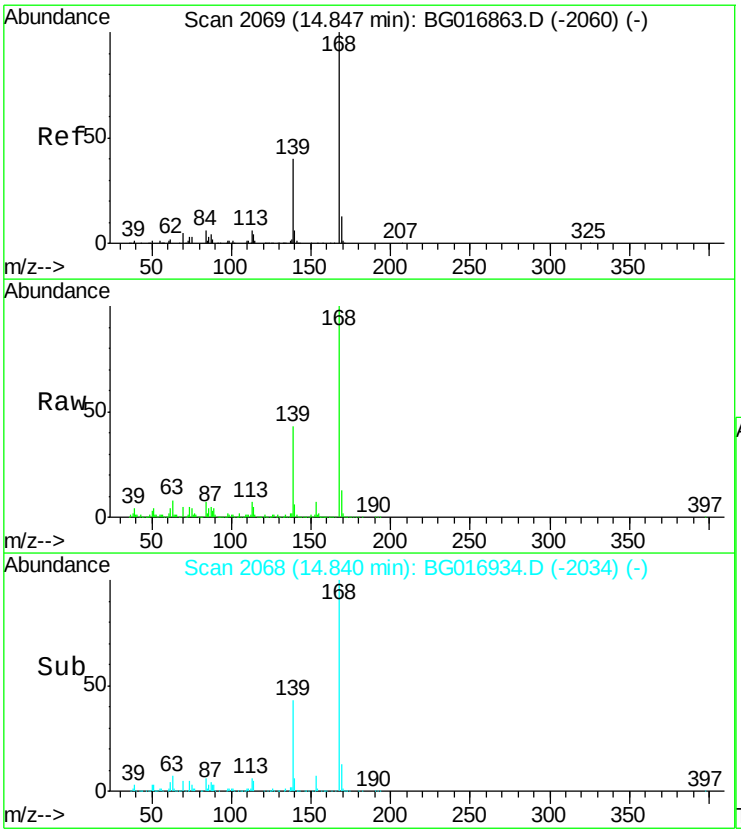
#51
Acenaphthene
Concen: 92.49 ng
RT: 14.50 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Instrument :
BNA_G
ClientSampleId :
DBMW-01

Tgt Ion:154 Resp: 1191056

Ion	Ratio	Lower	Upper
154	100		
153	107.3	84.2	126.4
152	53.6	40.2	60.2

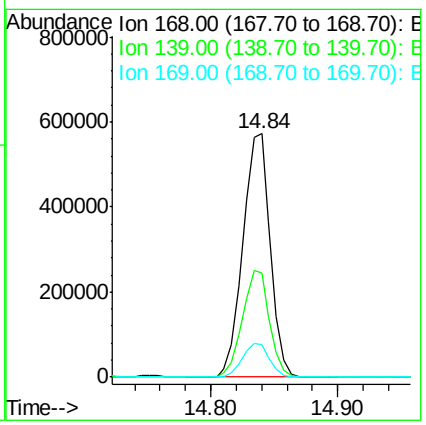


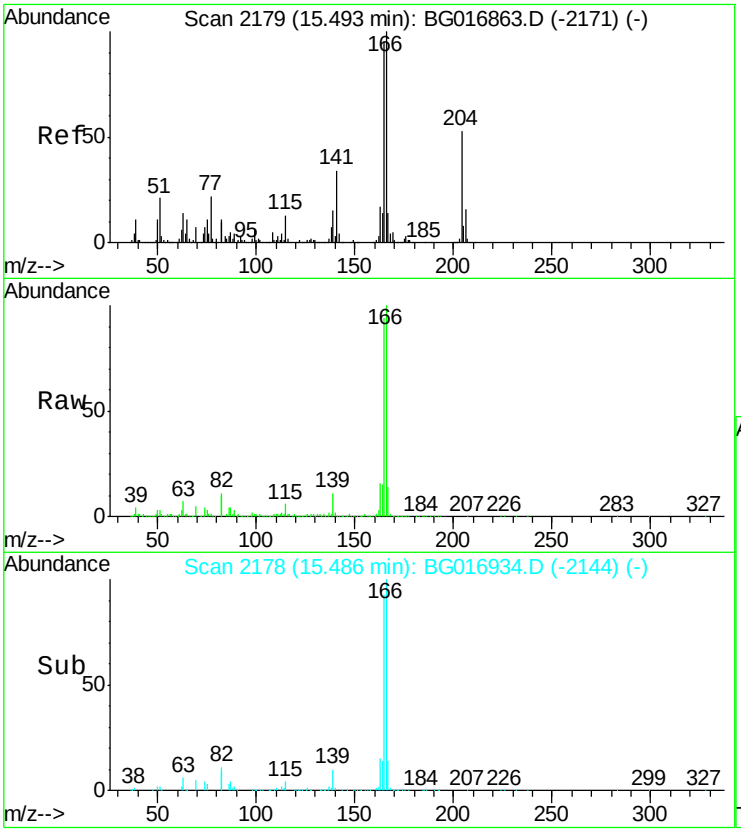


#54
Dibenzofuran
Concen: 46.75 ng
RT: 14.84 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Tgt Ion:168 Resp: 854948

Ion	Ratio	Lower	Upper
168	100		
139	42.8	32.5	48.7
169	13.4	10.4	15.6



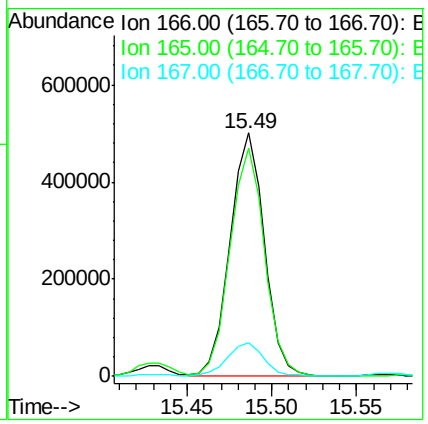


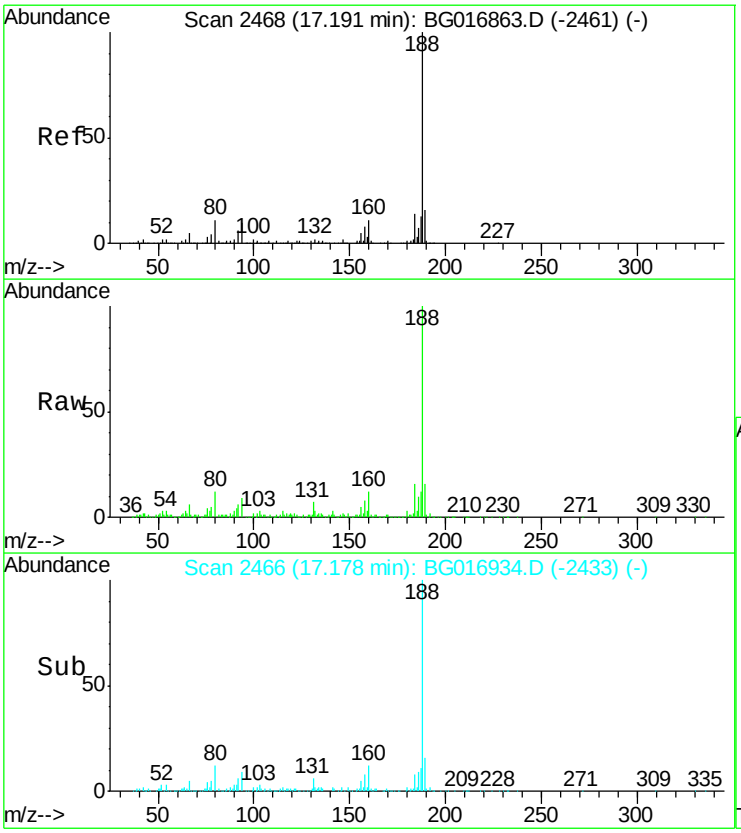
#57
Fluorene
Concen: 43.69 ng
RT: 15.49 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Instrument :
BNA_G
ClientSampleId :
DBMW-01

Tgt Ion:166 Resp: 707385

Ion	Ratio	Lower	Upper
166	100		
165	93.6	76.1	114.1
167	14.1	11.4	17.2

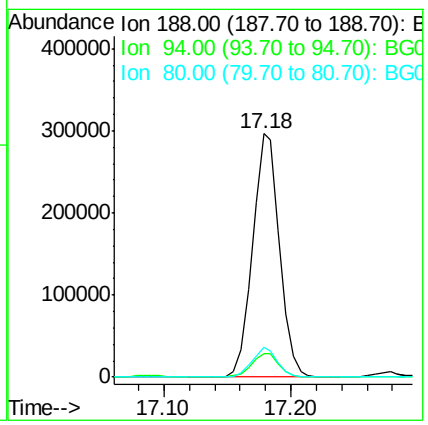


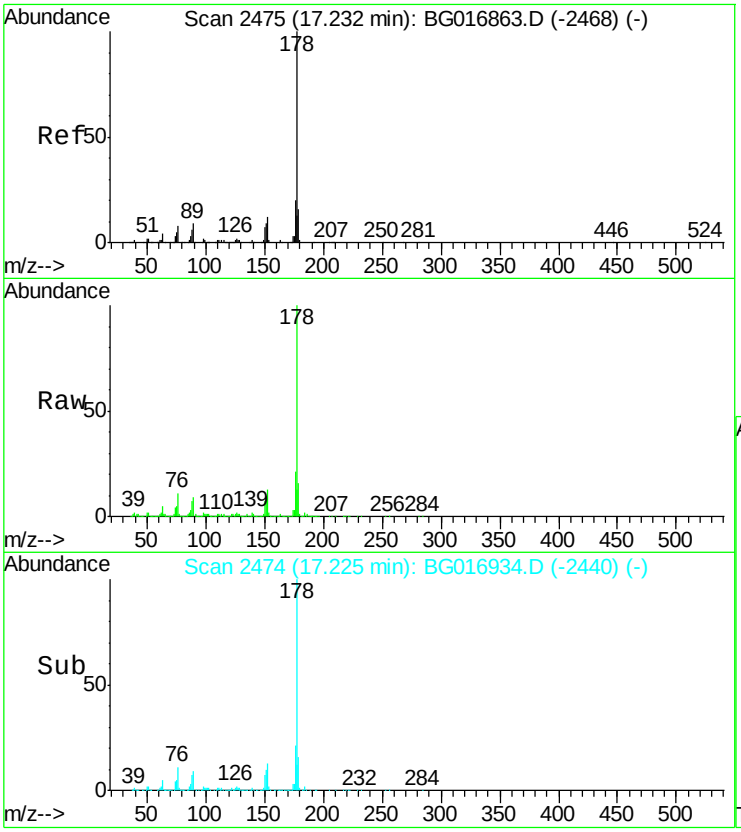


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Tgt Ion:188 Resp: 436016

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.4
80	12.1	8.8	13.2



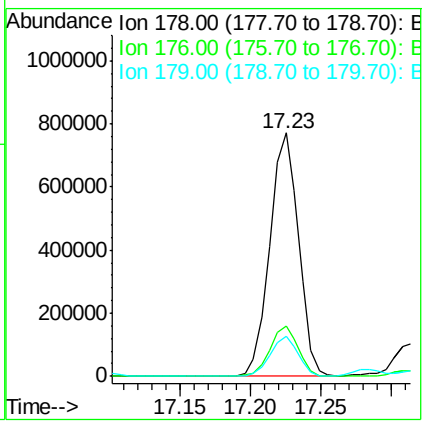


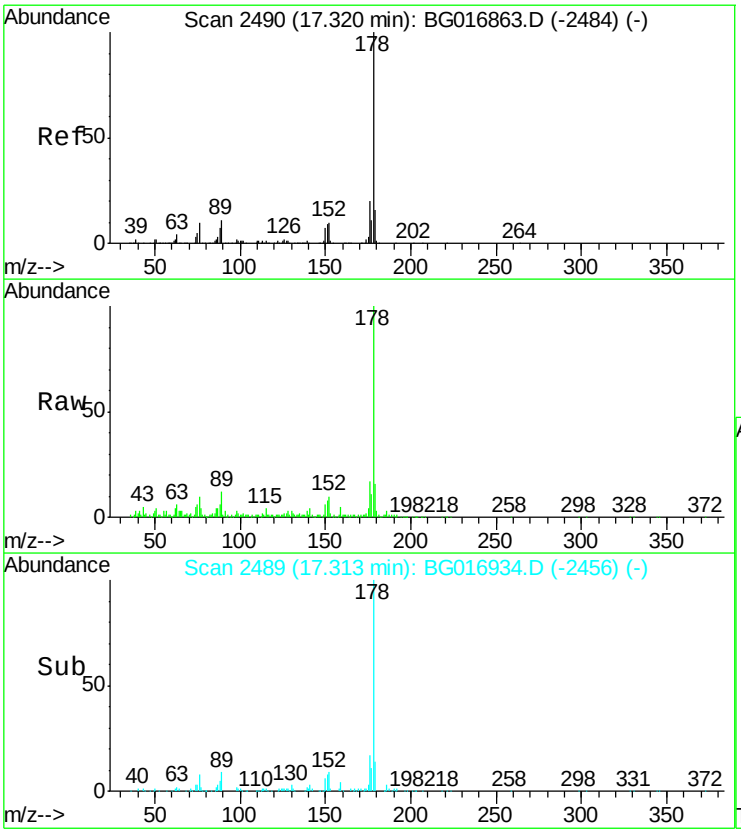
#70
Phenanthrene
Concen: 48.78 ng
RT: 17.23 min Scan# 2474
Delta R.T. 0.00 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Instrument :
BNA_G
ClientSampleId :
DBMW-01

Tgt Ion:178 Resp: 1094460

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.0	24.0
179	16.4	13.0	19.6

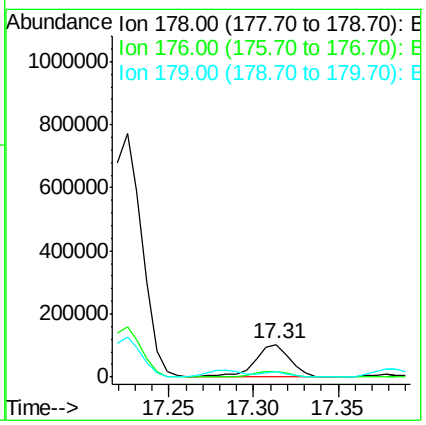


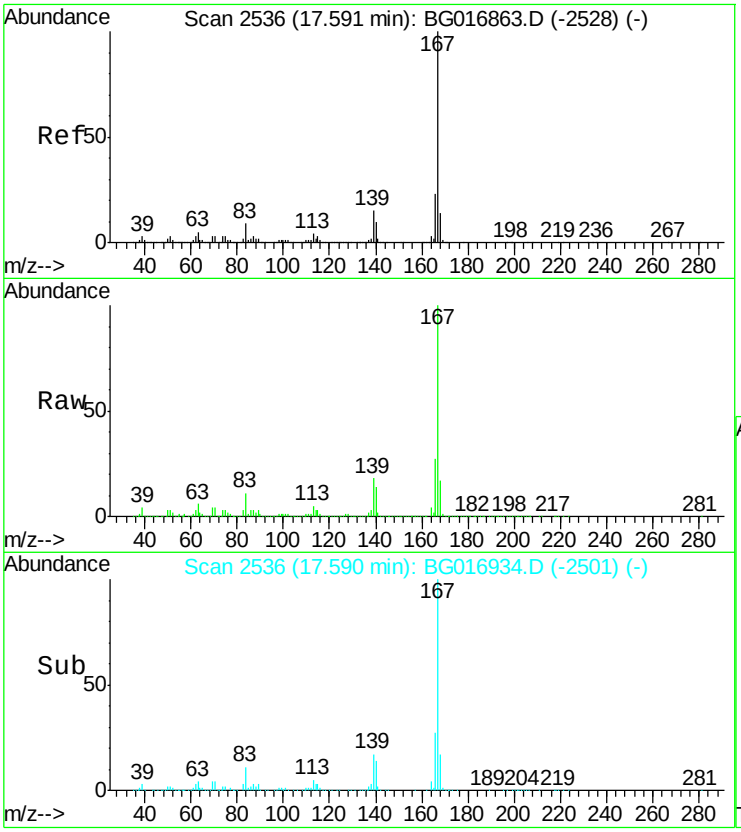


#71
Anthracene
Concen: 6.51 ng
RT: 17.31 min Scan# 2489
Delta R.T. -0.00 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Tgt Ion:178 Resp: 147467

Ion	Ratio	Lower	Upper
178	100		
176	17.4	16.2	24.4
179	15.6	13.1	19.7



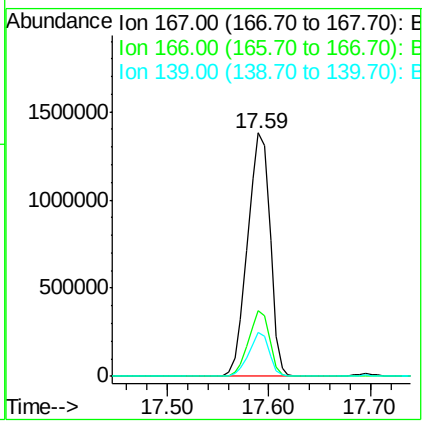


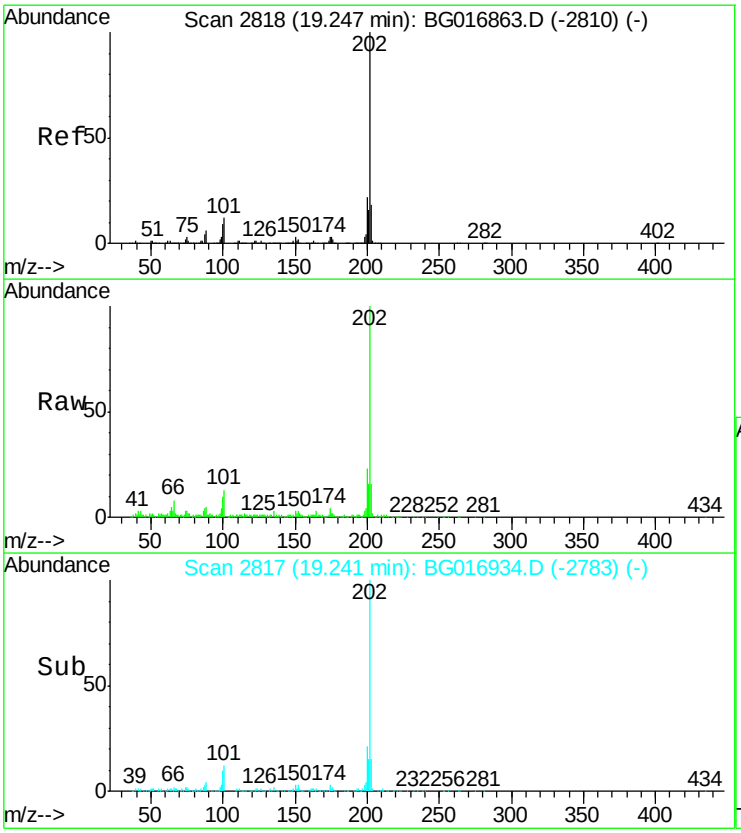
#72
Carbazole
Concen: 99.46 ng
RT: 17.59 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Instrument :
BNA_G
ClientSampleId :
DBMW-01

Tgt Ion:167 Resp: 2140304

Ion	Ratio	Lower	Upper
167	100		
166	27.0	18.4	27.6
139	18.0	12.2	18.4

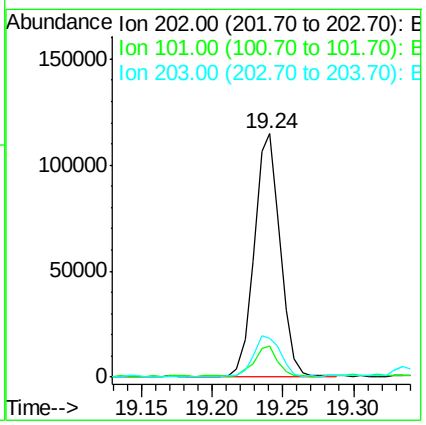


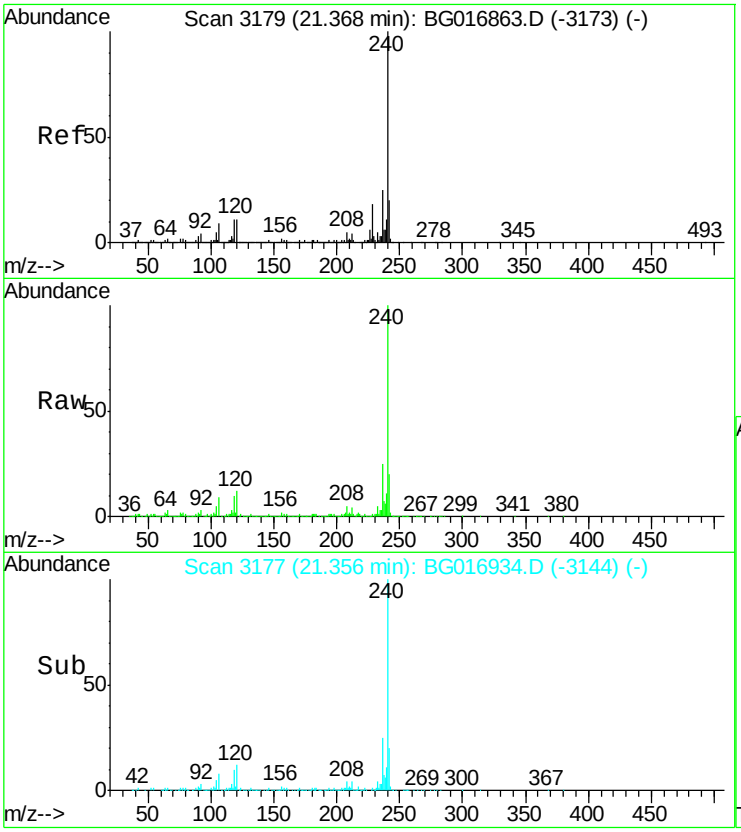


#74
Fluoranthene
Concen: 5.67 ng
RT: 19.24 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Tgt Ion:202 Resp: 147512

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.5
203	16.0	0.0	38.1



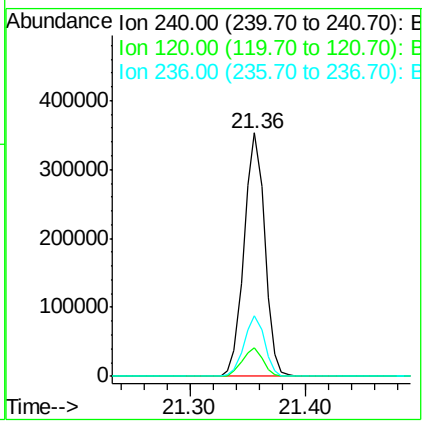


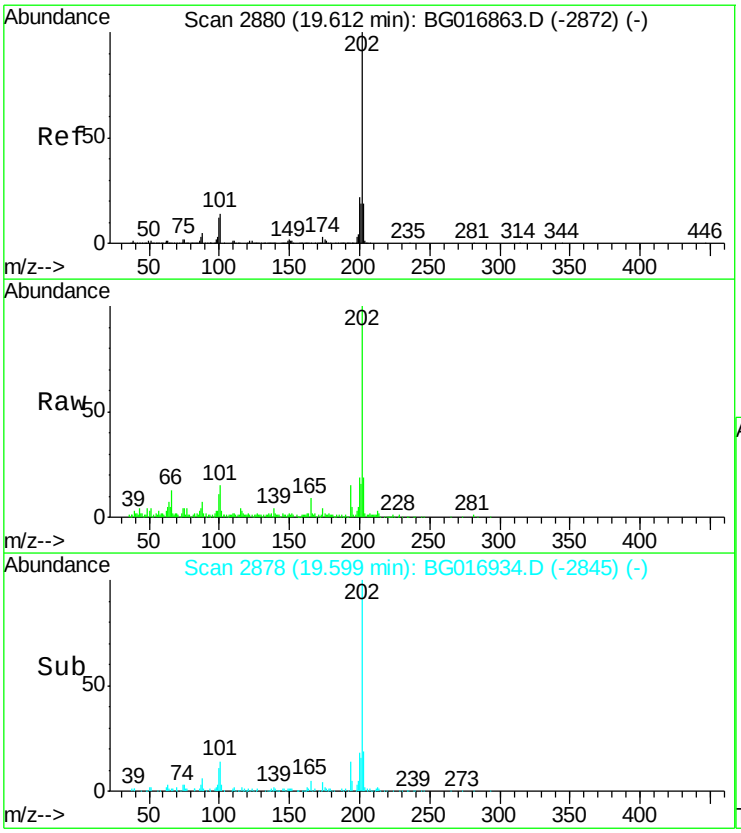
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Instrument :
BNA_G
ClientSampleId :
DBMW-01

Tgt Ion:240 Resp: 440140

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.1	13.7
236	25.0	20.2	30.4

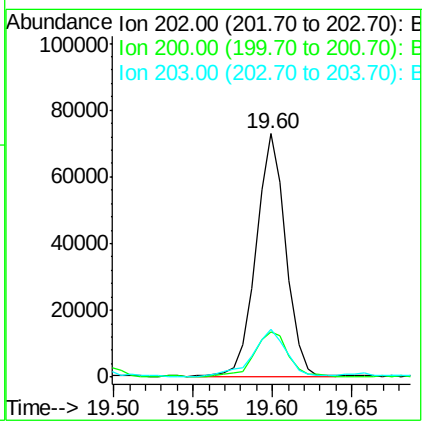


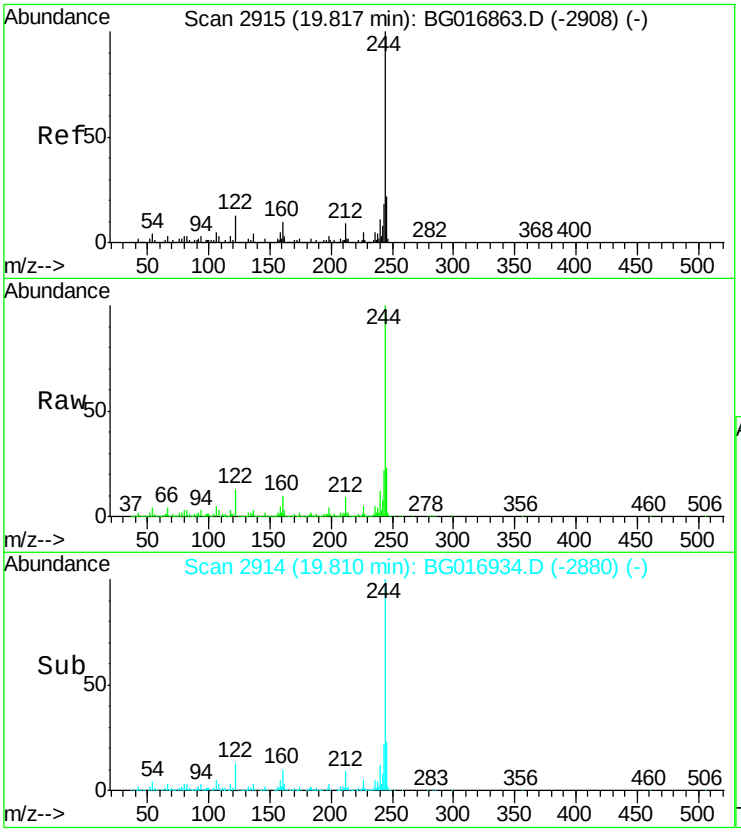


#77
Pyrene
Concen: 3.66 ng
RT: 19.60 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Tgt Ion:202 Resp: 95189

Ion	Ratio	Lower	Upper
202	100		
200	18.5	17.9	26.9
203	19.5	15.2	22.8



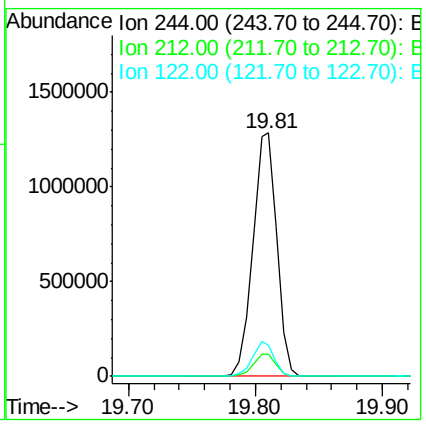


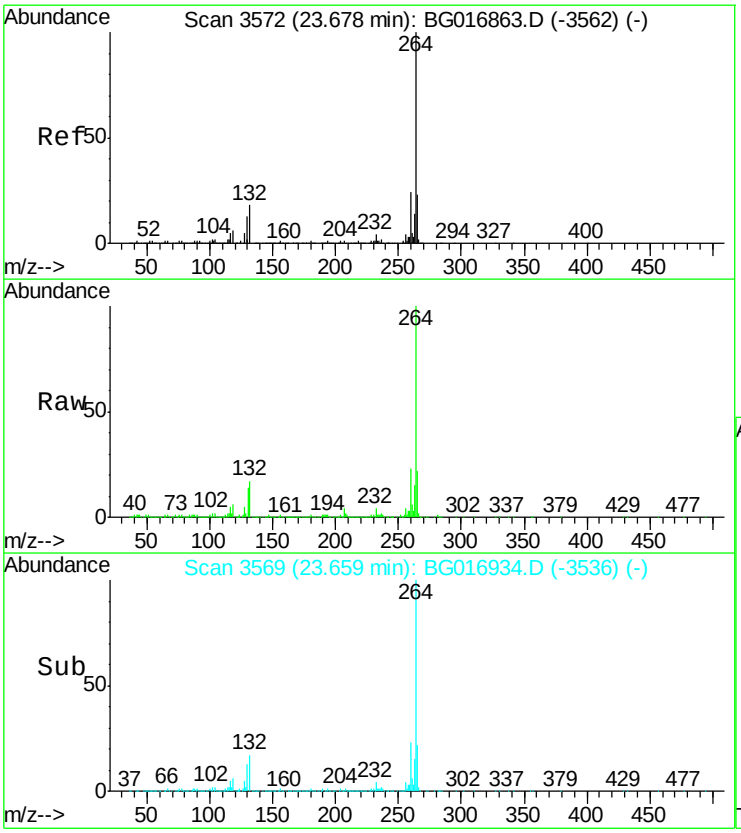
#78
Terphenyl-d14
Concen: 90.32 ng
RT: 19.81 min Scan# 2914
Delta R.T. 0.00 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Instrument :
BNA_G
ClientSampleId :
DBMW-01

Tgt Ion:244 Resp: 1695866

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	13.0	10.4	15.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.66 min Scan# 3569
Delta R.T. -0.00 min
Lab File: BG016934.D
Acq: 7 May 2015 23:33

Tgt Ion:264 Resp: 420421

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.4	18.5	27.7