Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061115\
Data File : BG017620.D
Acq On : 11 Jun 2015 21:38
Operator : TP/IZ
Sample : G2522-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-14

Quant Time: Jun 12 01:24:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 01:16:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	23291	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	49509	20.00	ng		0.02
38) Acenaphthene-d10	14.21	164	68490	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	166101	20.00	ng		0.00
75) Chrysene-d12	21.16	240	215775	20.00	ng		-0.01
86) Perylene-d12	23.35	264	191207	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	96320	72.86	ng		0.01
7) Phenol-d6	6.74	99	73462	40.79	ng		0.00
23) Nitrobenzene-d5	8.70	82	218955	220.77	ng		0.00
41) 2,4,6-Tribromophenol	15.71	330	152694	160.51	ng		0.00
44) 2-Fluorobiphenyl	12.82	172	527789	116.24	ng		0.00
78) Terphenyl-d14	19.60	244	1054021	100.96	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.68	77	17903	14.64	ng	#	1
18) Hexachloroethane	8.57	117	10283	14.07	ng	#	3
22) Acetophenone	8.34	105	8300	6.84	ng	#	75
24) Nitrobenzene	8.81	77	13420	13.03	ng	#	5
31) Naphthalene	10.47	128	14072909	5440.63	ng	#	1
32) Benzoic acid	9.75	122	1599	3.26	ng	#	1
33) 4-Chloroaniline	10.47	127	5913699	5152.56	ng	#	30
37) 2-Methylnaphthalene	12.02	142	1647168	828.42	ng	#	92
40) Hexachlorocyclopentadiene	12.34	237	69	6.86	ng	#	27
45) 1,1'-Biphenyl	13.04	154	187374	37.43	ng		98
48) Acenaphthylene	13.94	152	1660055	225.15	ng		95
51) Acenaphthene	14.27	154	54078	12.44	ng		94
54) Dibenzofuran	14.61	168	14704	2.29	ng		98
57) Fluorene	15.26	166	121662	20.92	ng	#	93
59) Diethylphthalate	15.05	149	23553	3.64	ng	#	92
69) Pentachlorophenol	16.73	266	61	5.54	ng	#	22
70) Phenanthrene	17.00	178	342014	36.93	ng		99
71) Anthracene	17.09	178	41737	4.51	ng		94
72) Carbazole	17.37	167	30459	3.33	ng		98
83) Bis(2-ethylhexyl)phthalate	21.08	149	19693	2.37	ng	#	93

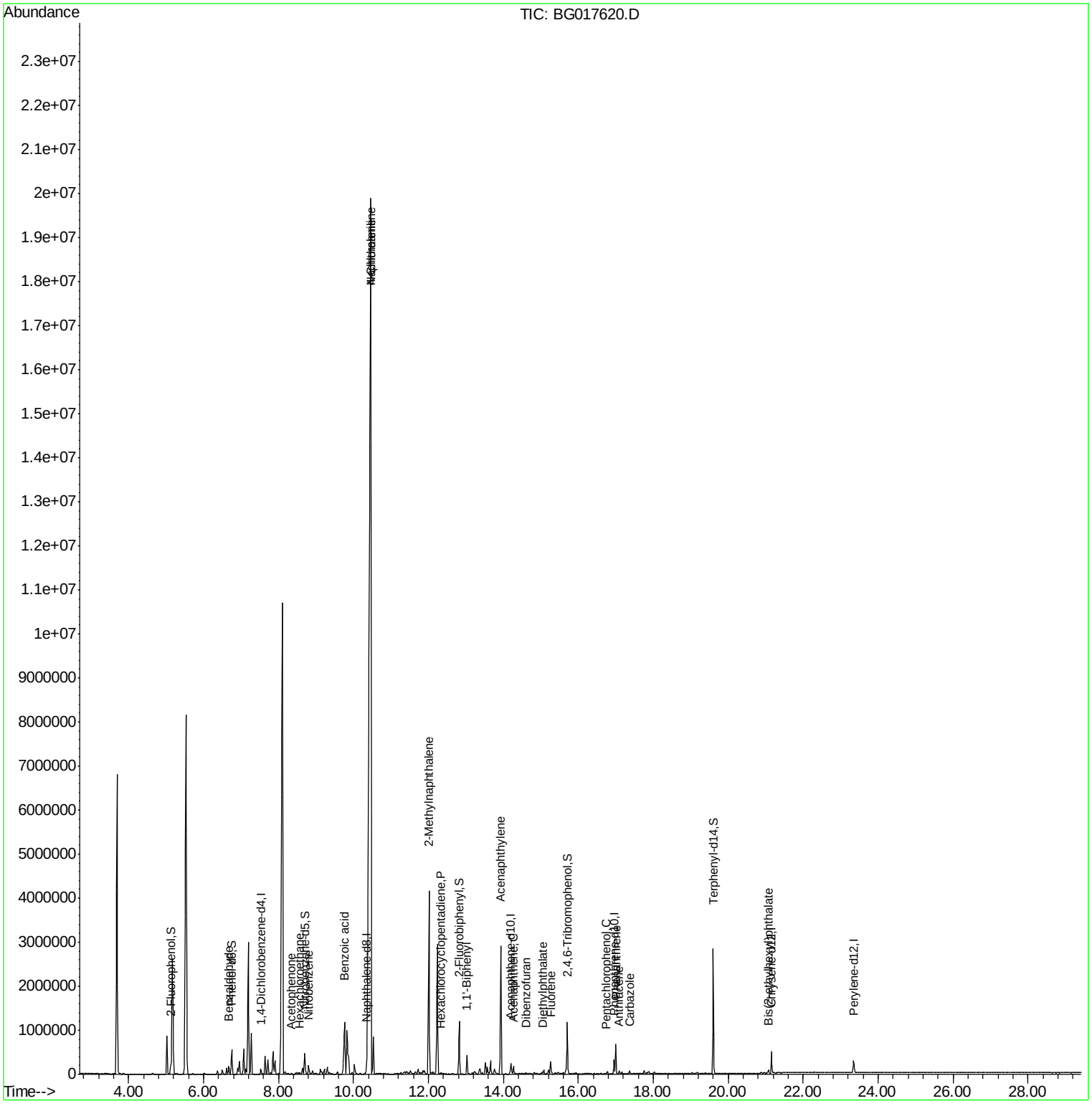
(#) = qualifier out of range (m) = manual integration (+) = signals summed

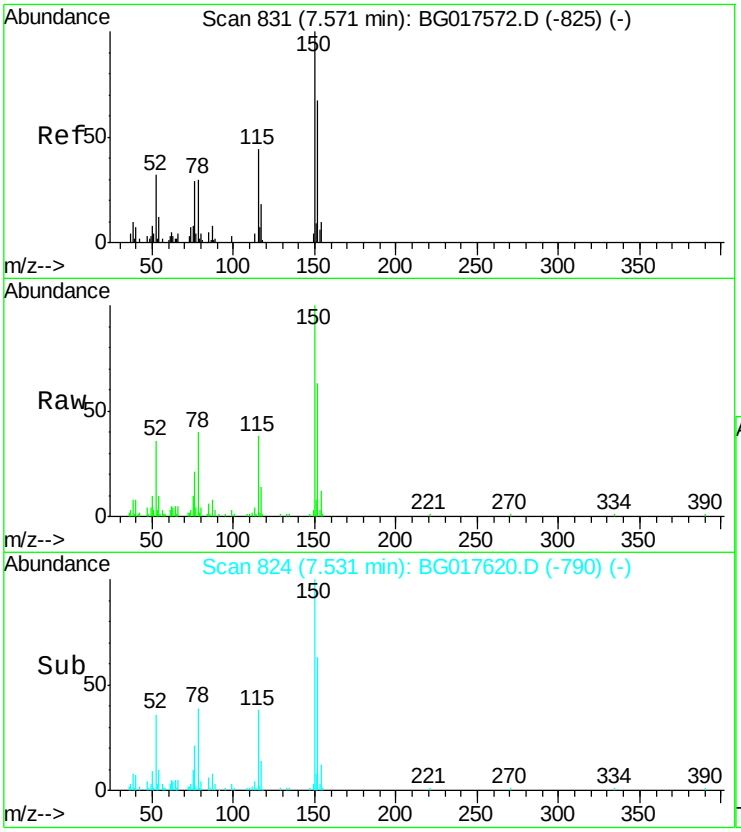
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061115\
Data File : BG017620.D
Acq On : 11 Jun 2015 21:38
Operator : TP/IZ
Sample : G2522-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-14

Quant Time: Jun 12 01:24:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 01:16:03 2015
Response via : Initial Calibration



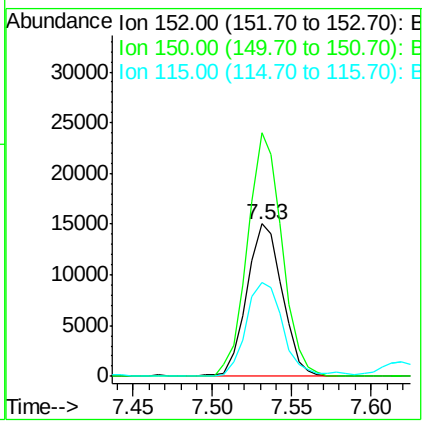


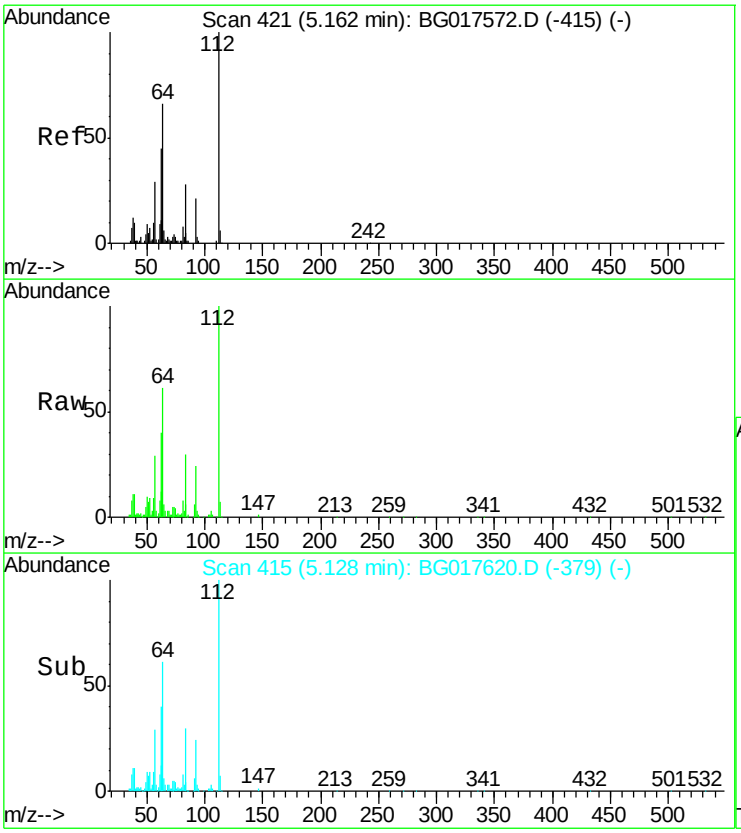
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.53 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Instrument :
BNA_G
ClientSampleId :
MW-14

Tgt Ion:152 Resp: 23291

Ion	Ratio	Lower	Upper
152	100		
150	159.5	121.7	182.5
115	61.3	48.6	73.0

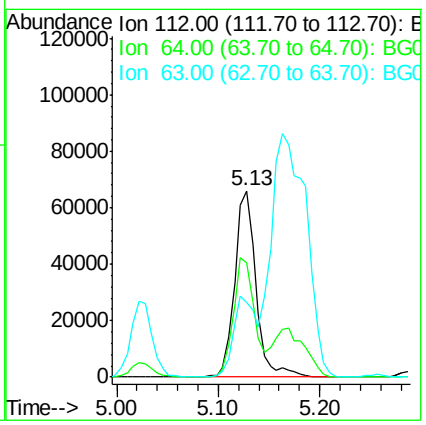


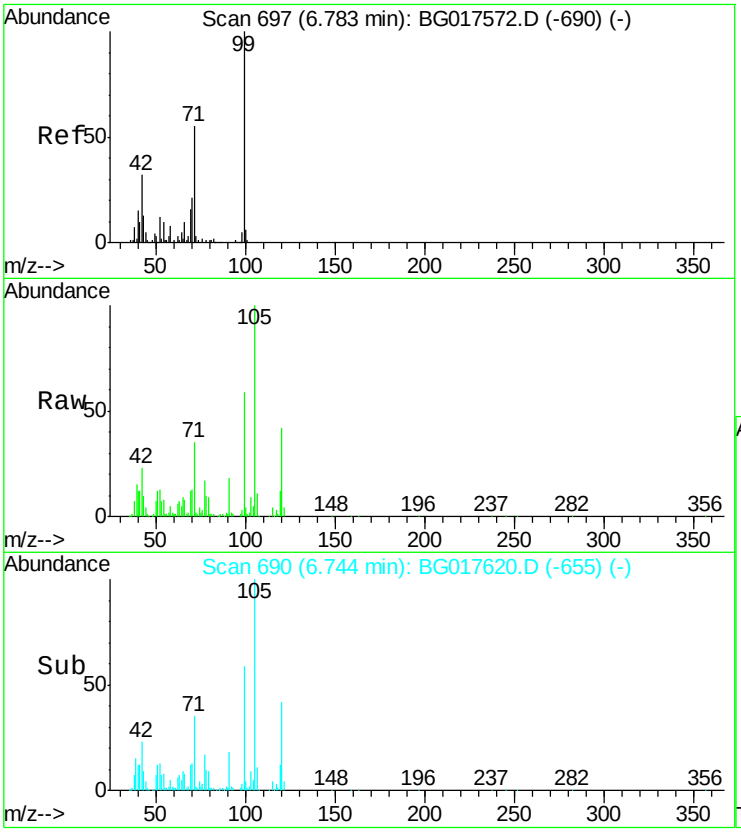


#5
2-Fluorophenol
Concen: 72.86 ng
RT: 5.13 min Scan# 415
Delta R.T. 0.01 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Tgt Ion:112 Resp: 96320

Ion	Ratio	Lower	Upper
112	100		
64	61.0	51.6	77.4
63	40.0	33.3	49.9



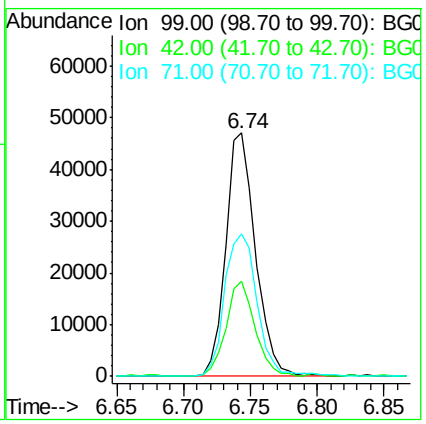


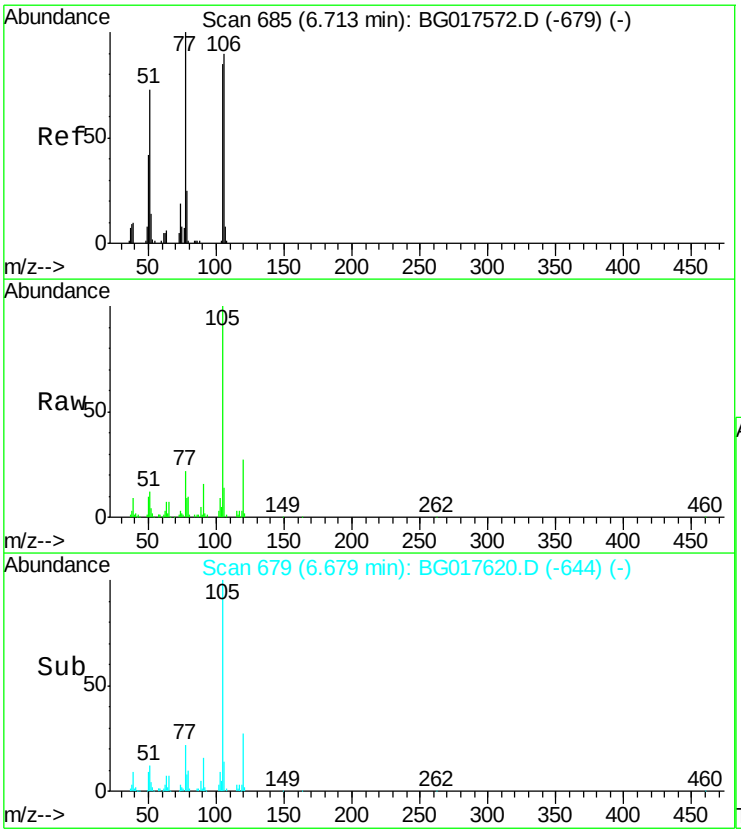
#7
Phenol-d6
Concen: 40.79 ng
RT: 6.74 min Scan# 690
Delta R.T. 0.01 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Instrument :
BNA_G
ClientSampleId :
MW-14

Tgt Ion: 99 Resp: 73462

Ion	Ratio	Lower	Upper
99	100		
42	39.1	21.0	31.6#
71	58.5	37.2	55.8#

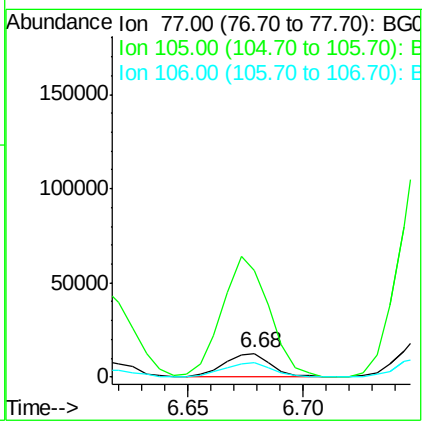


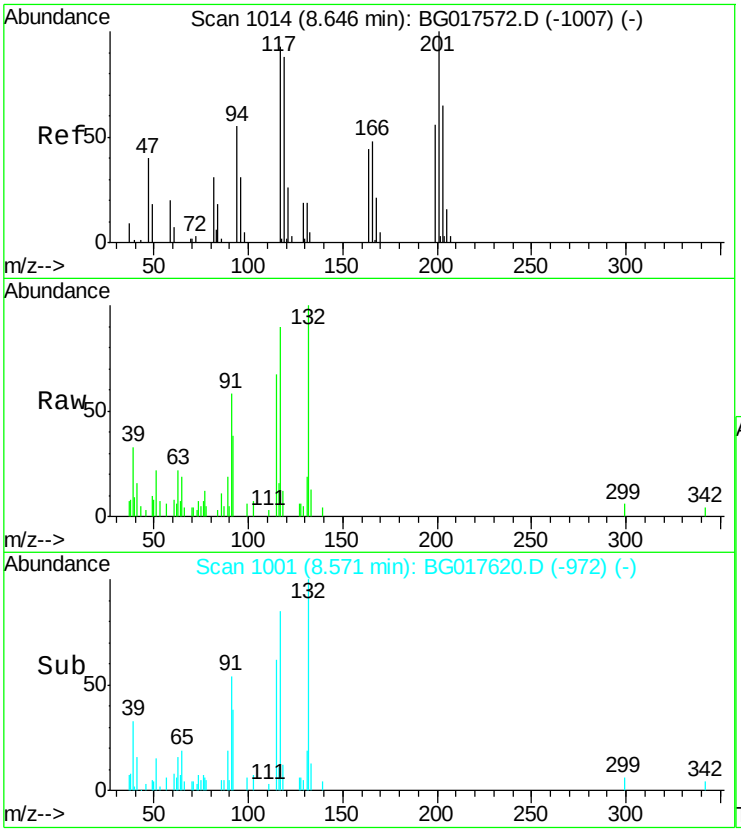


#9
Benzaldehyde
Concen: 14.64 ng
RT: 6.68 min Scan# 679
Delta R.T. 0.01 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Tgt Ion: 77 Resp: 17903

Ion	Ratio	Lower	Upper
77	100		
105	450.8	64.0	104.0#
106	62.2	67.2	107.2#



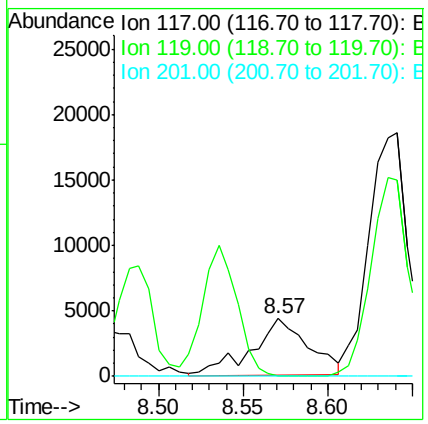


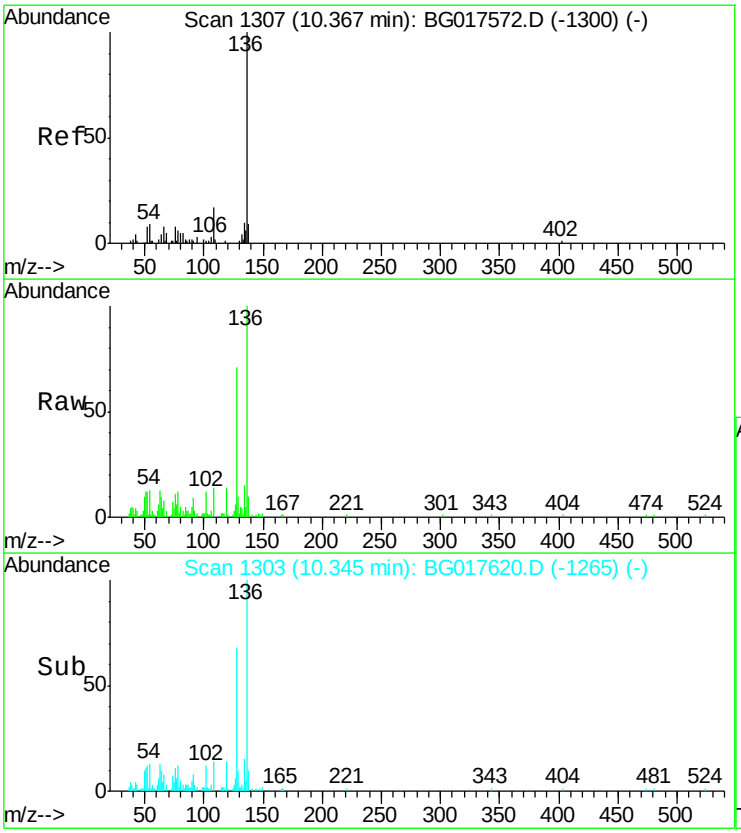
#18
Hexachloroethane
Concen: 14.07 ng
RT: 8.57 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Instrument :
BNA_G
ClientSampleId :
MW-14

Tgt Ion:117 Resp: 10283

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.0	112.4#
201	0.0	74.2	111.2#

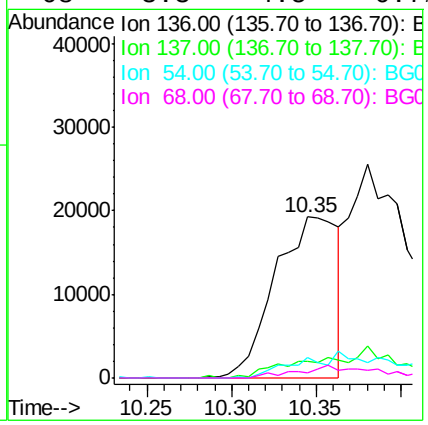


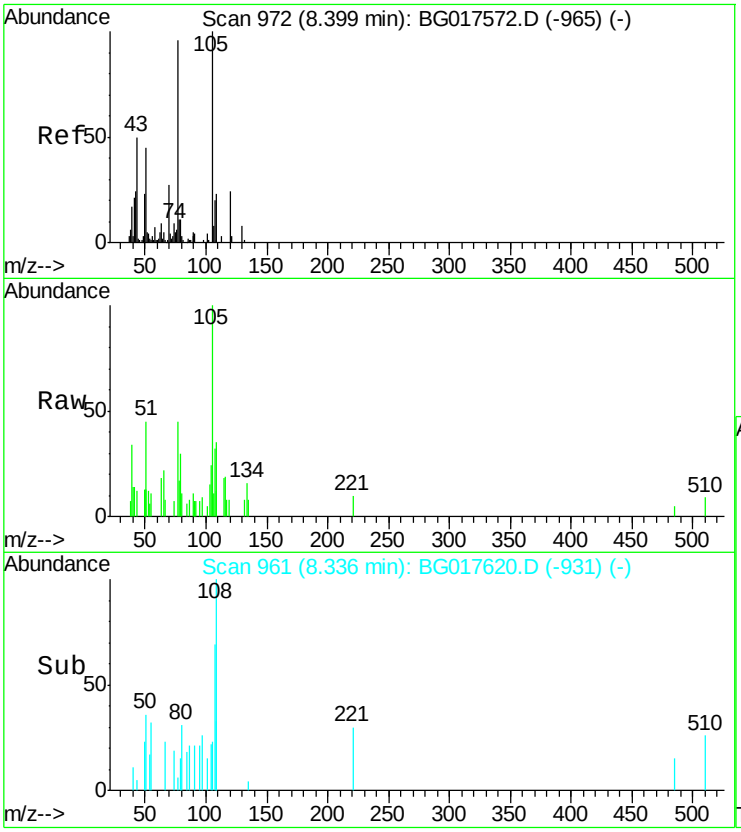


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1303
Delta R.T. 0.02 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Tgt Ion:136 Resp: 49509

Ion	Ratio	Lower	Upper
136	100		
137	10.0	7.9	11.9
54	12.7	7.2	10.8#
68	3.3	4.5	6.7#



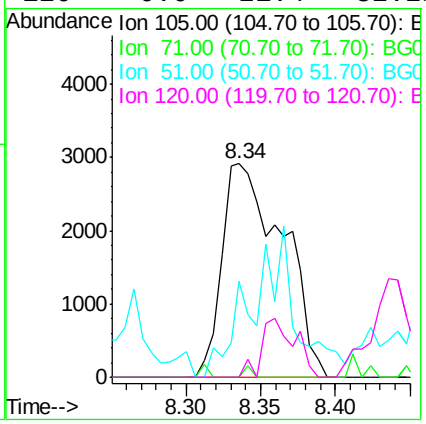


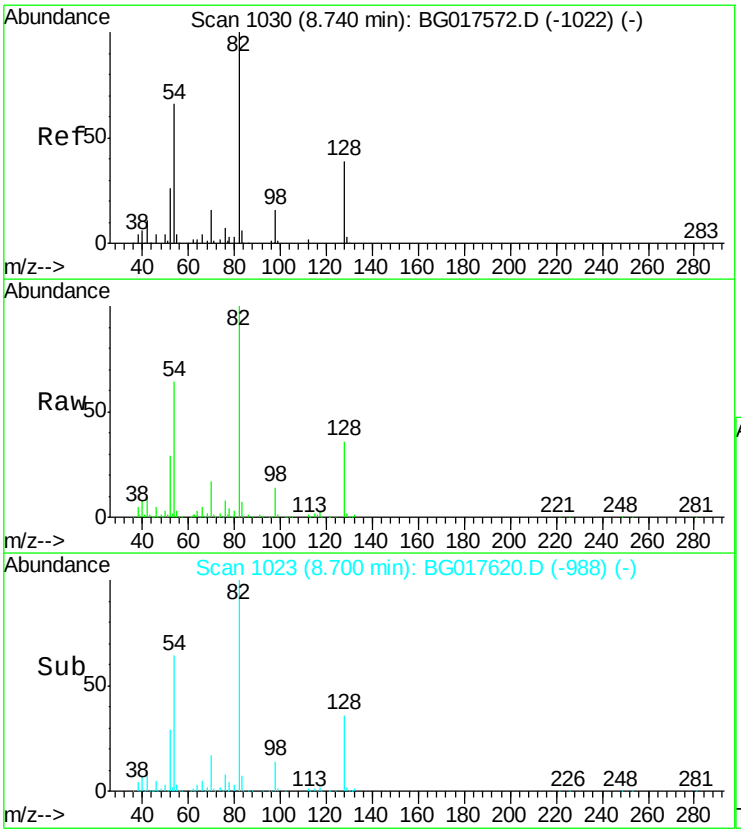
#22
Acetophenone
Concen: 6.84 ng
RT: 8.34 min Scan# 961
Delta R.T. -0.02 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Instrument :
BNA_G
ClientSampleId :
MW-14

Tgt Ion:105 Resp: 8300

Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.3	7.9#
51	45.3	32.4	48.6
120	0.0	21.4	32.2#

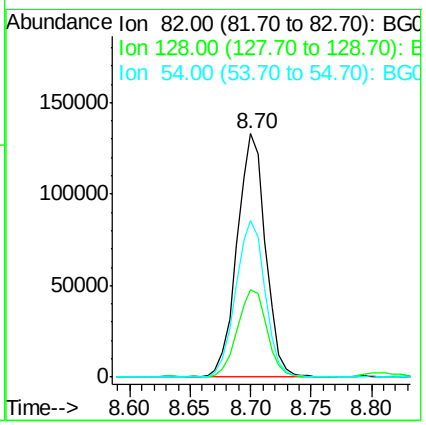


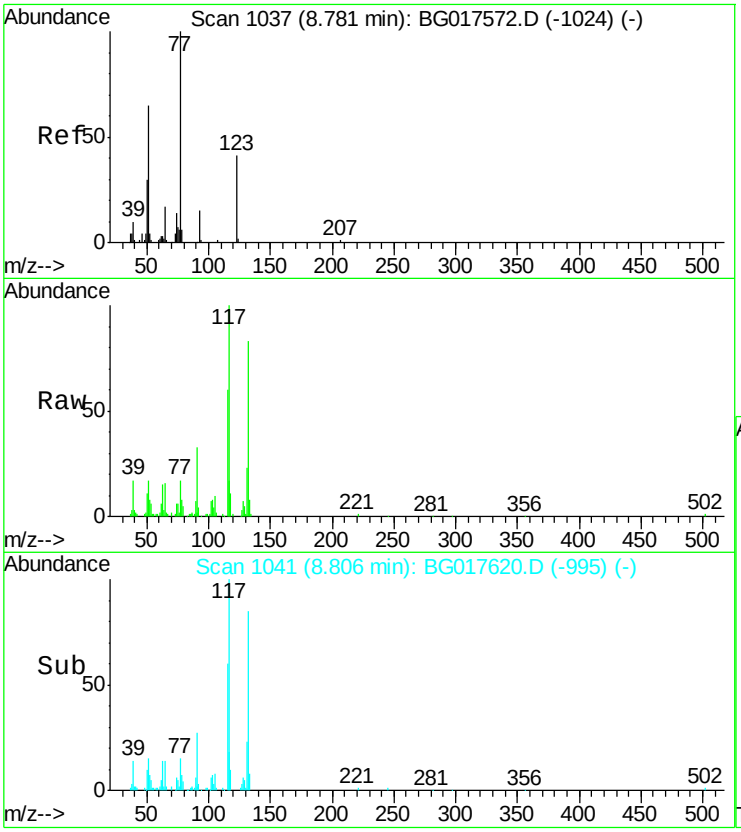


#23
Nitrobenzene-d5
Concen: 220.77 ng
RT: 8.70 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Tgt Ion: 82 Resp: 218955

Ion	Ratio	Lower	Upper
82	100		
128	36.1	32.2	48.4
54	64.2	47.4	71.2



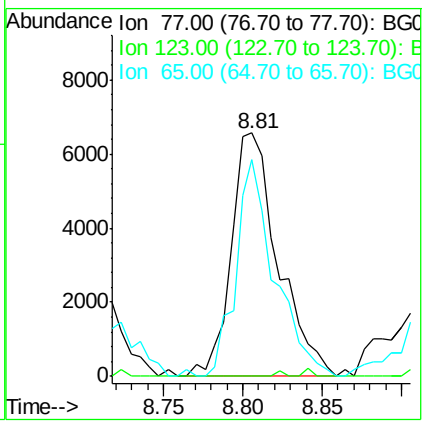


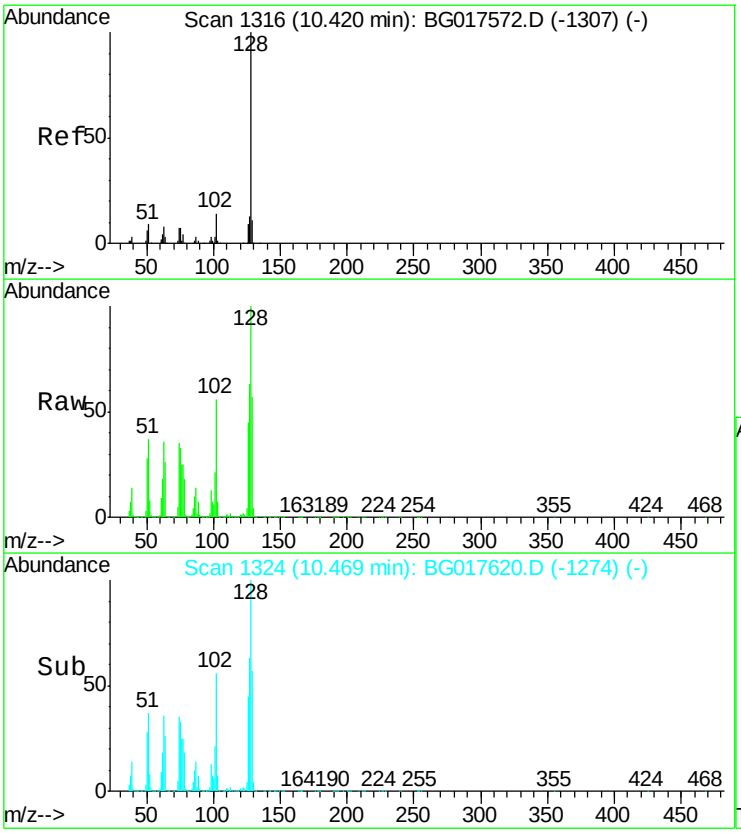
#24
Nitrobenzene
Concen: 13.03 ng
RT: 8.81 min Scan# 1041
Delta R.T. 0.07 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Instrument :
BNA_G
ClientSampleId :
MW-14

Tgt Ion: 77 Resp: 13420

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	88.9	12.8	19.2#

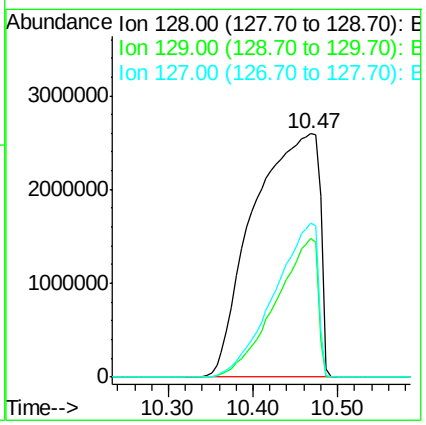


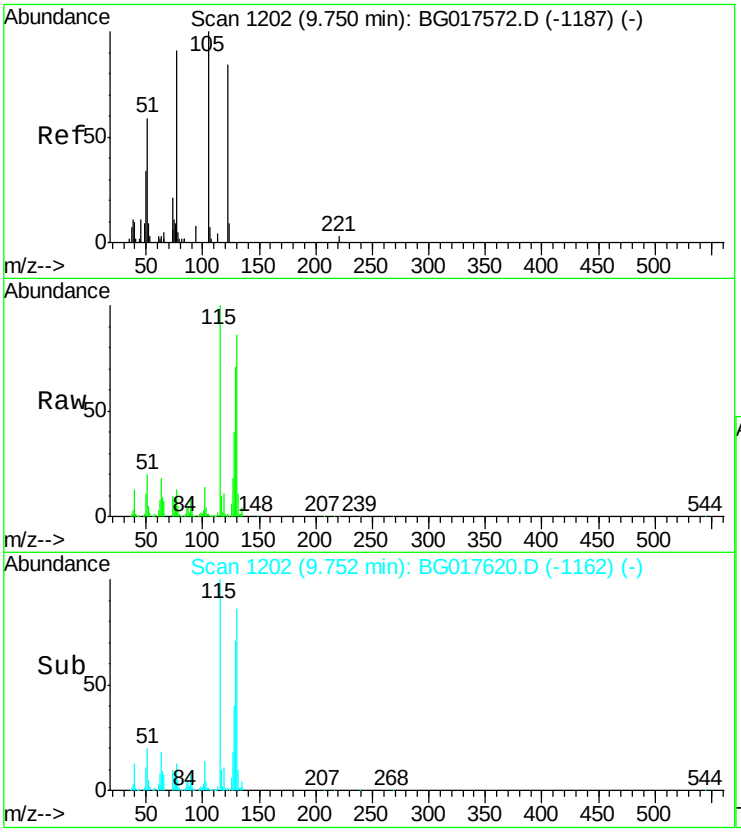


#31
Naphthalene
Concen: 5440.63 ng
RT: 10.47 min Scan# 1324
Delta R.T. 0.10 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Tgt Ion:128 Resp:14072909

Ion	Ratio	Lower	Upper
128	100		
129	56.8	9.2	13.8#
127	63.5	10.9	16.3#



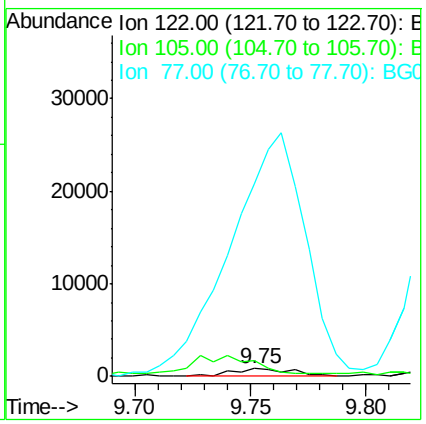


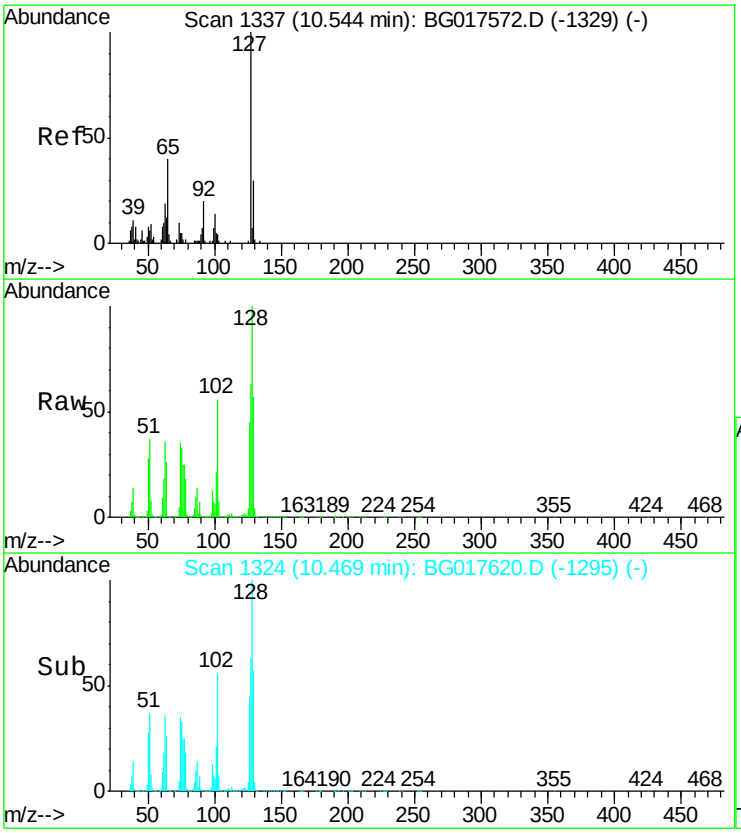
#32
Benzoic acid
Concen: 3.26 ng
RT: 9.75 min Scan# 1202
Delta R.T. 0.04 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Instrument :
BNA_G
ClientSampleId :
MW-14

Tgt Ion:122 Resp: 1599

Ion	Ratio	Lower	Upper
122	100		
105	210.9	113.5	153.5#
77	2520.5	85.2	125.2#

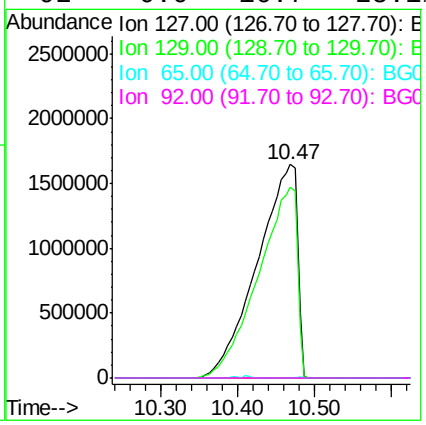


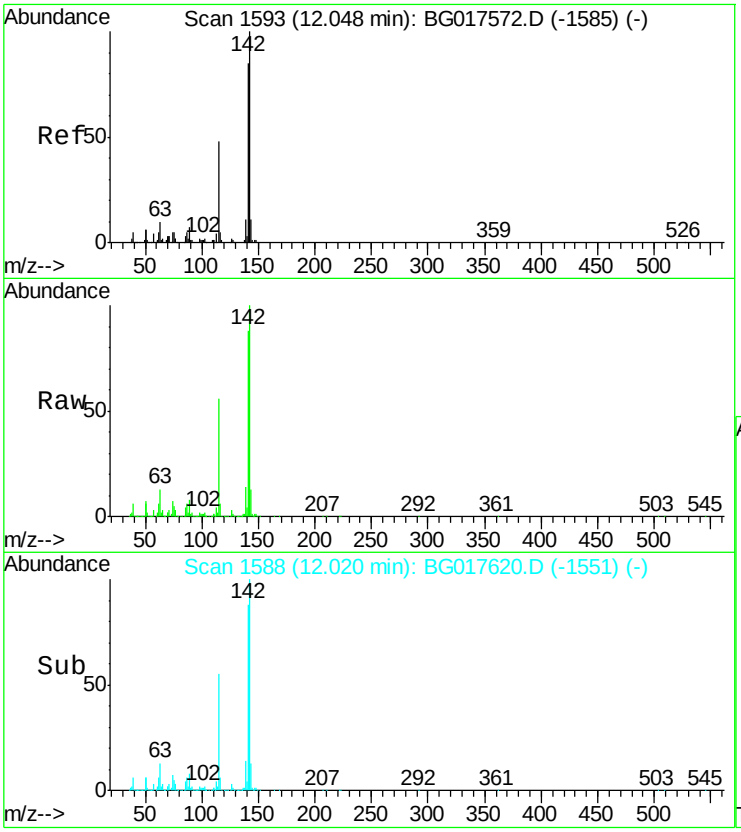


#33
4-Chloroaniline
Concen: 5152.56 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Tgt Ion:127 Resp: 5913699

Ion	Ratio	Lower	Upper
127	100		
129	89.5	27.1	40.7#
65	0.0	27.6	41.4#
92	0.0	16.7	25.1#



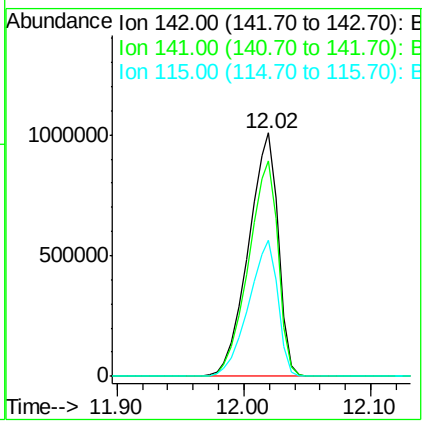


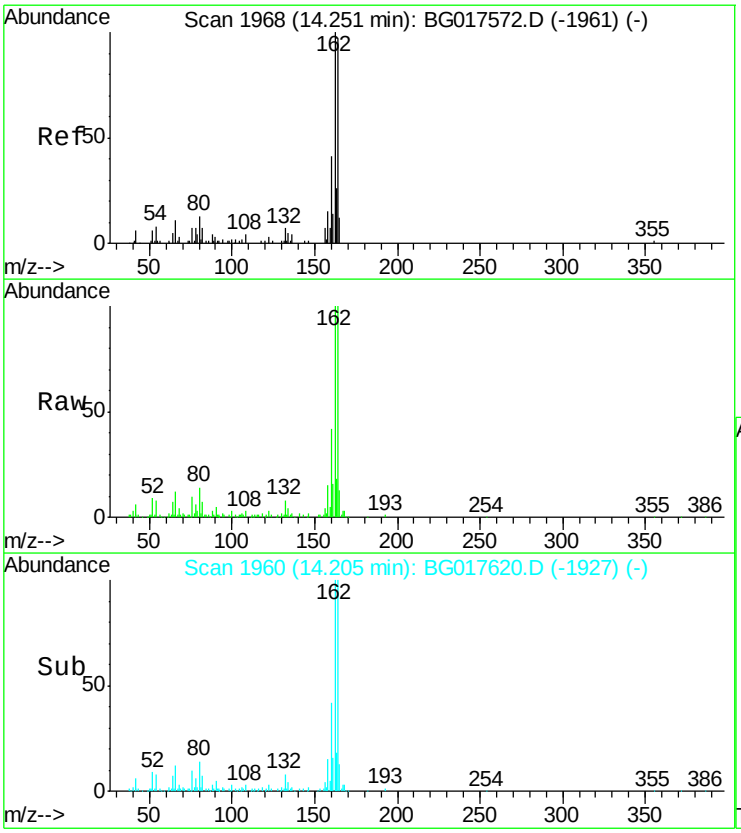
#37
2-Methylnaphthalene
Concen: 828.42 ng
RT: 12.02 min Scan# 1588
Delta R.T. 0.02 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Instrument :
BNA_G
ClientSampleId :
MW-14

Tgt Ion:142 Resp: 1647168

Ion	Ratio	Lower	Upper
142	100		
141	88.4	68.6	102.8
115	55.6	35.3	52.9#

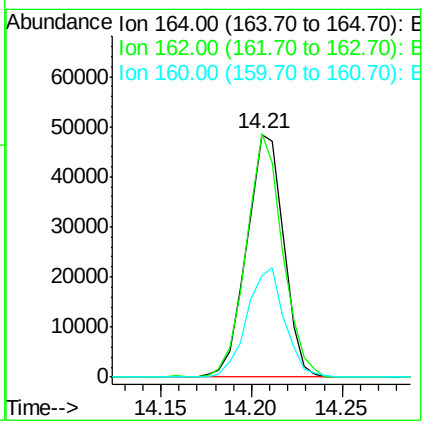


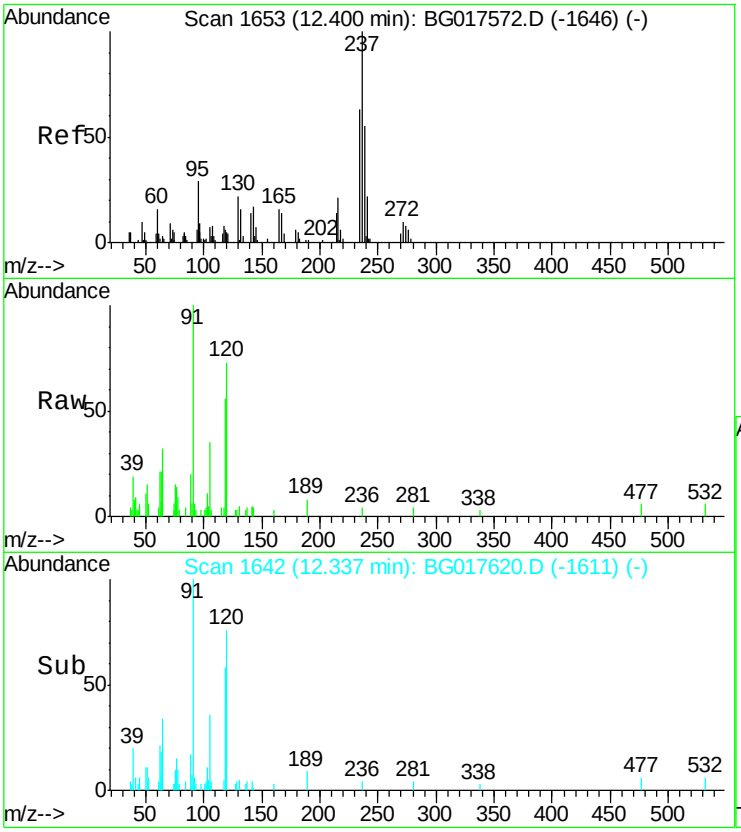


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.21 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Tgt Ion:164 Resp: 68490

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.8	122.6
160	41.7	31.0	46.4



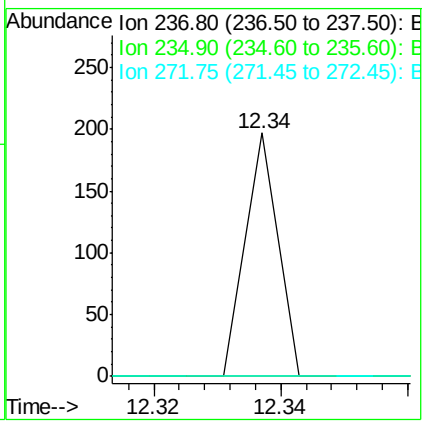


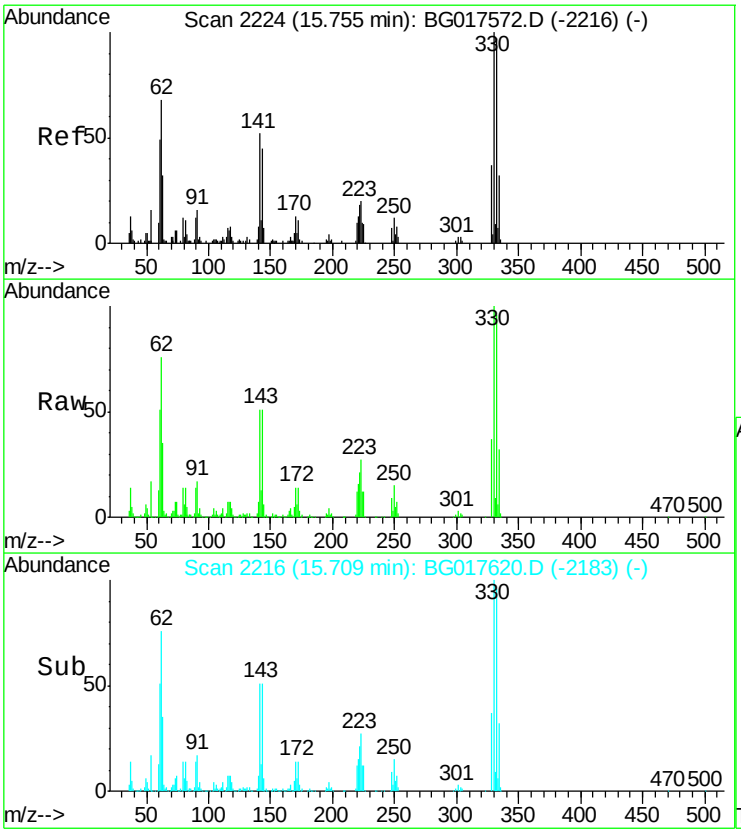
#40
Hexachlorocyclopentadiene
Concen: 6.86 ng
RT: 12.34 min Scan# 1642
Delta R.T. -0.02 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Instrument :
BNA_G
ClientSampleId :
MW-14

Tgt Ion:237 Resp: 69

Ion	Ratio	Lower	Upper
237	100		
235	0.0	42.3	82.3#
272	0.0	0.0	31.2

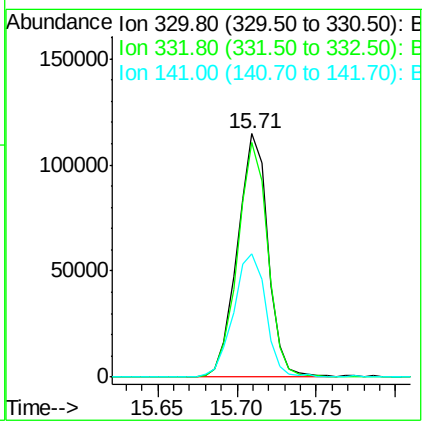


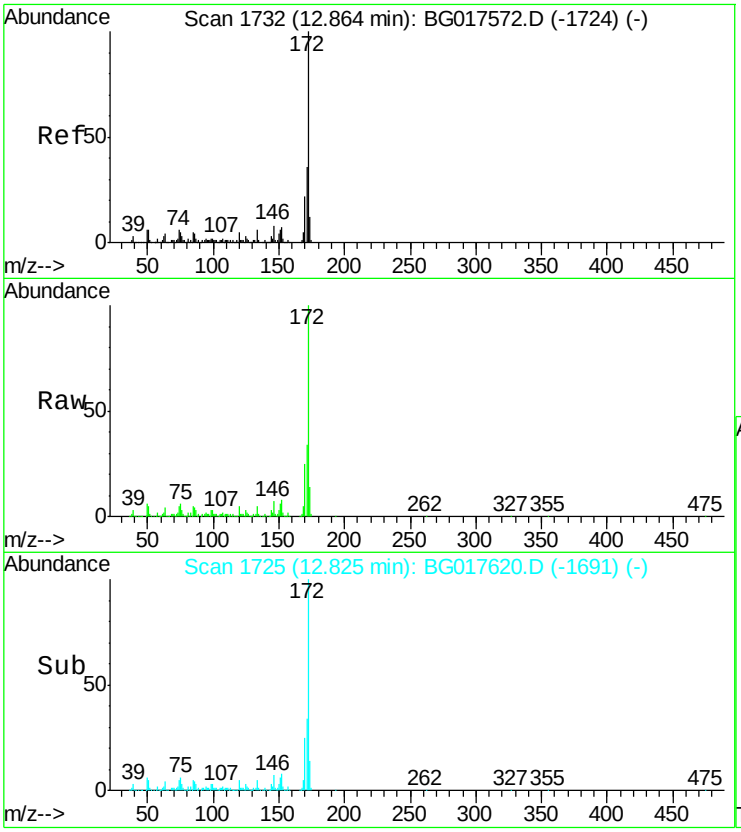


#41
2,4,6-Tribromophenol
Concen: 160.51 ng
RT: 15.71 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Tgt Ion:330 Resp: 152694

Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.9	113.9
141	54.0	40.2	60.4



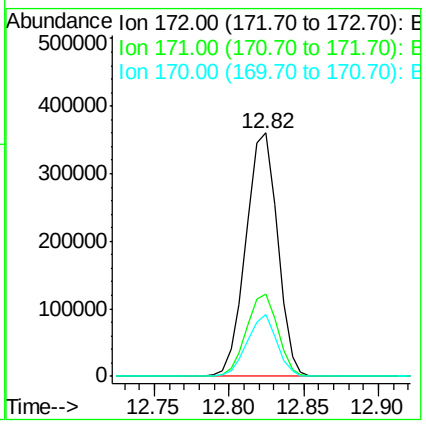


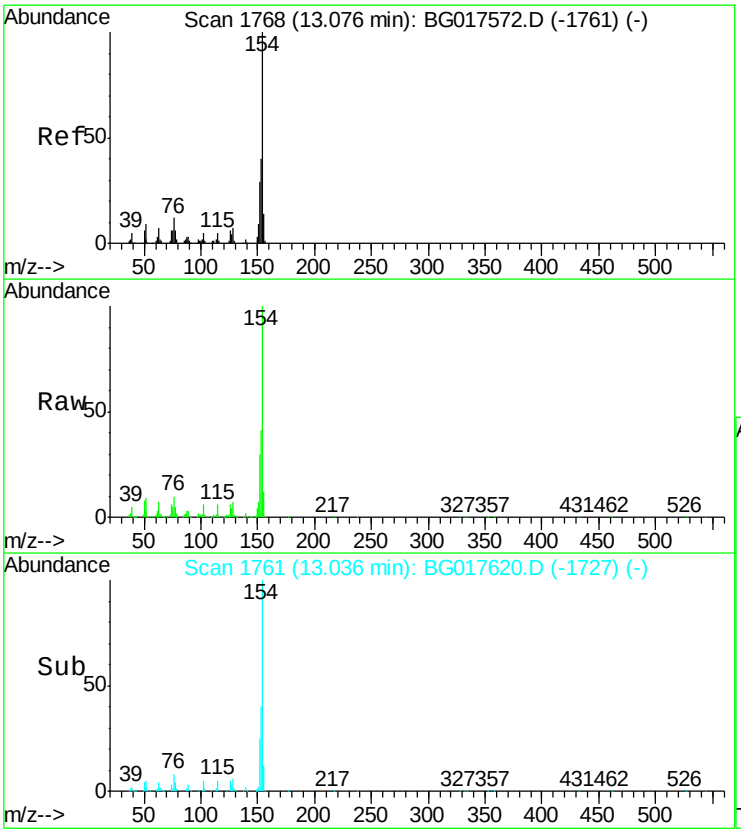
#44
2-Fluorobiphenyl
Concen: 116.24 ng
RT: 12.82 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Instrument :
BNA_G
ClientSampleId :
MW-14

Tgt Ion:172 Resp: 527789

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.0	43.6
170	25.2	18.9	28.3

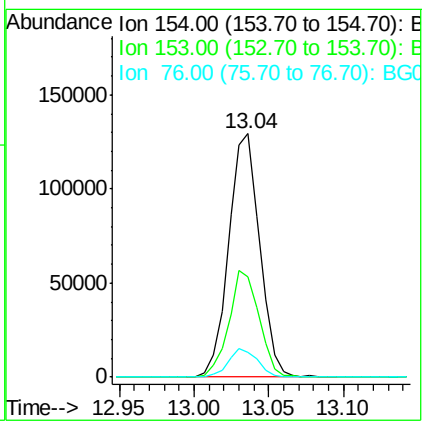


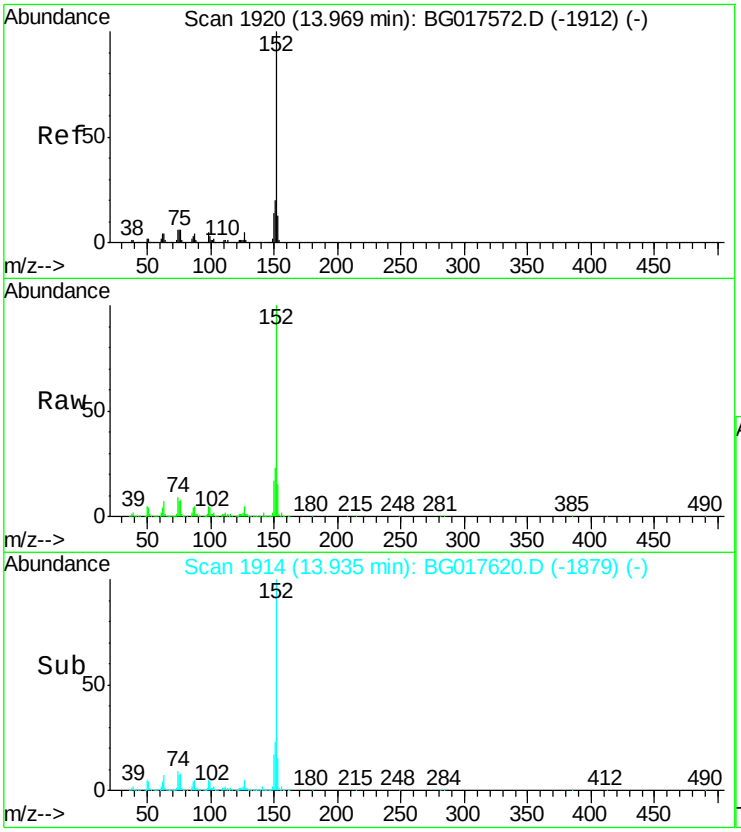


#45
1,1'-Biphenyl
Concen: 37.43 ng
RT: 13.04 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Tgt Ion:154 Resp: 187374

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.1	60.1
76	10.0	0.0	31.5



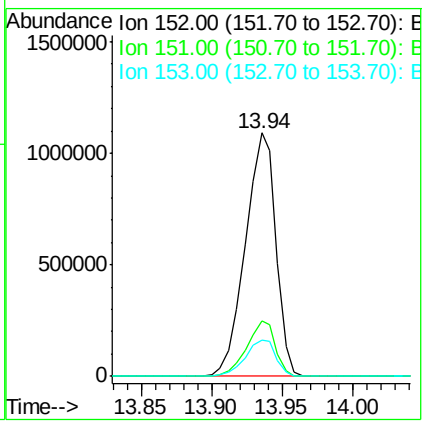


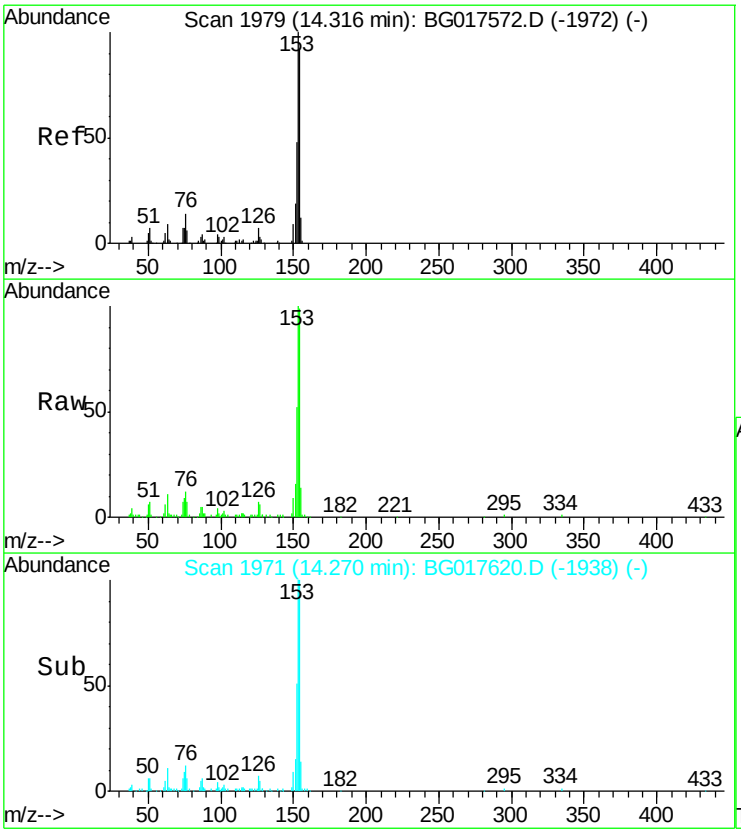
#48
Acenaphthylene
Concen: 225.15 ng
RT: 13.94 min Scan# 1914
Delta R.T. 0.01 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Instrument :
BNA_G
ClientSampleId :
MW-14

Tgt Ion:152 Resp: 1660055

Ion	Ratio	Lower	Upper
152	100		
151	22.8	16.5	24.7
153	15.2	10.7	16.1

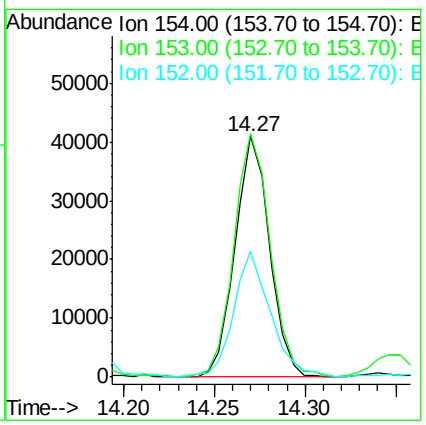


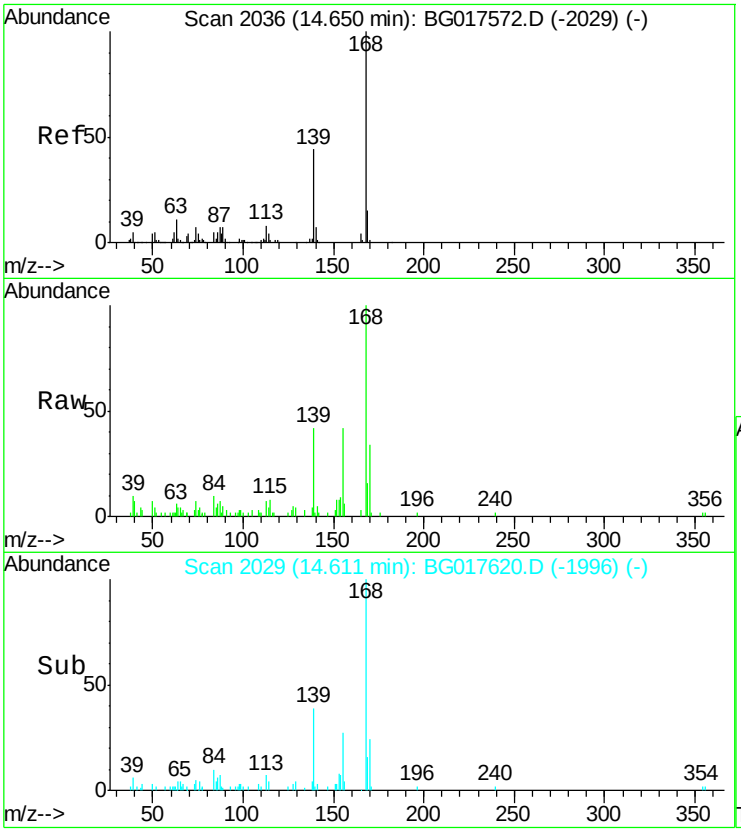


#51
Acenaphthene
Concen: 12.44 ng
RT: 14.27 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Tgt Ion:154 Resp: 54078

Ion	Ratio	Lower	Upper
154	100		
153	101.0	87.7	131.5
152	52.4	40.8	61.2



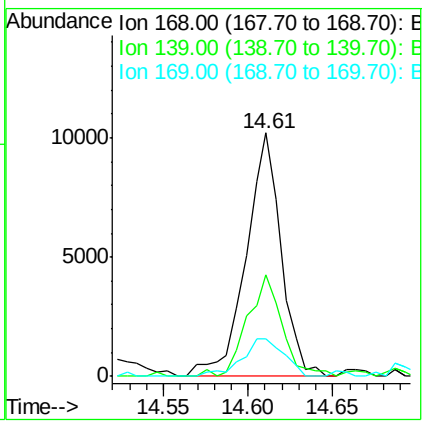


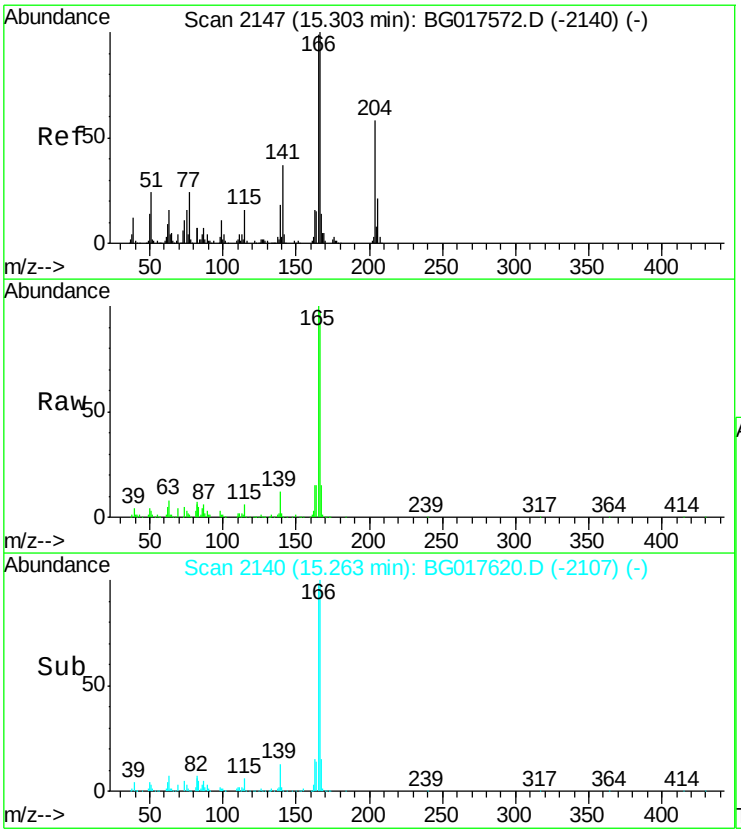
#54
Dibenzofuran
Concen: 2.29 ng
RT: 14.61 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Instrument :
BNA_G
ClientSampleId :
MW-14

Tgt Ion:168 Resp: 14704

Ion	Ratio	Lower	Upper
168	100		
139	41.8	33.2	49.8
169	15.7	10.6	16.0

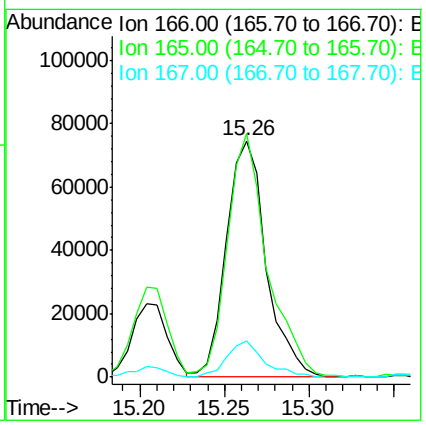


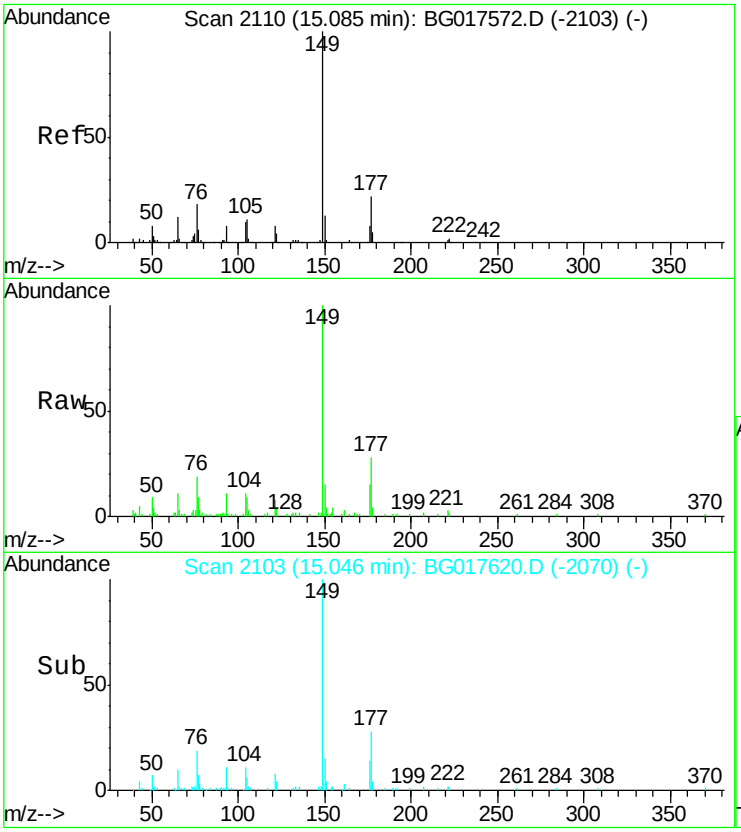


#57
Fluorene
Concen: 20.92 ng
RT: 15.26 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Tgt Ion:166 Resp: 121662

Ion	Ratio	Lower	Upper
166	100		
165	103.1	76.8	115.2
167	15.4	9.9	14.9#



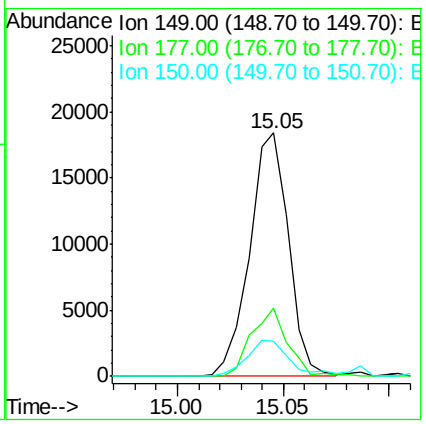


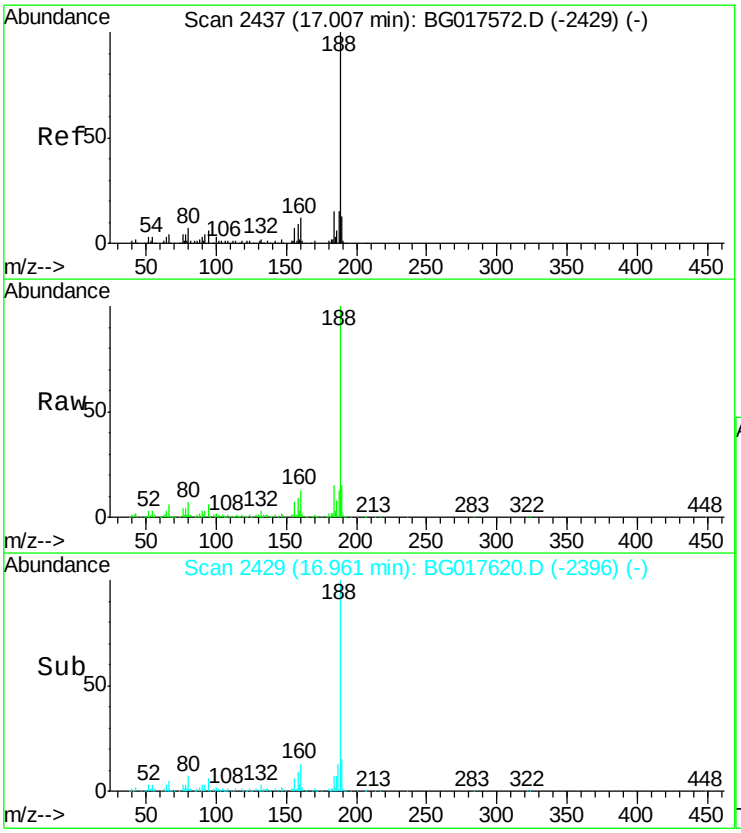
#59
Diethylphthalate
Concen: 3.64 ng
RT: 15.05 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Instrument :
BNA_G
ClientSampleId :
MW-14

Tgt Ion:149 Resp: 23553

Ion	Ratio	Lower	Upper
149	100		
177	28.1	18.3	27.5#
150	14.6	10.6	16.0

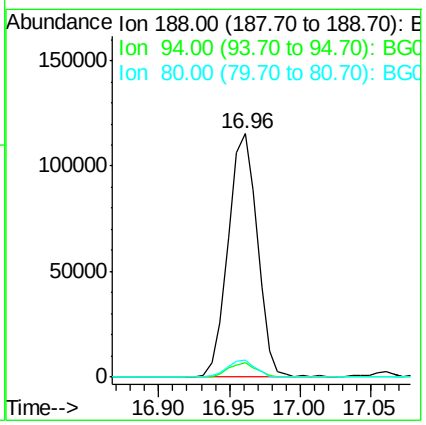


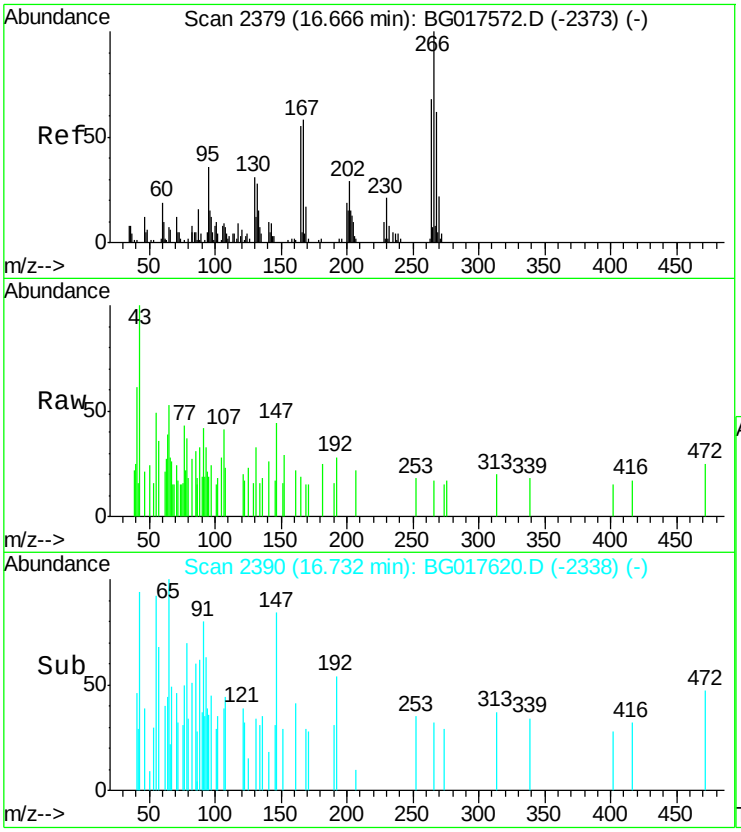


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Tgt Ion:188 Resp: 166101

Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.3	9.5#
80	6.8	5.2	7.8



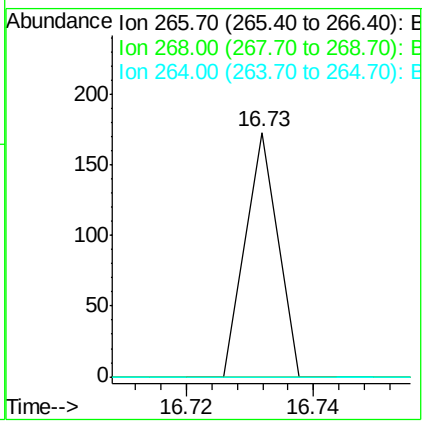


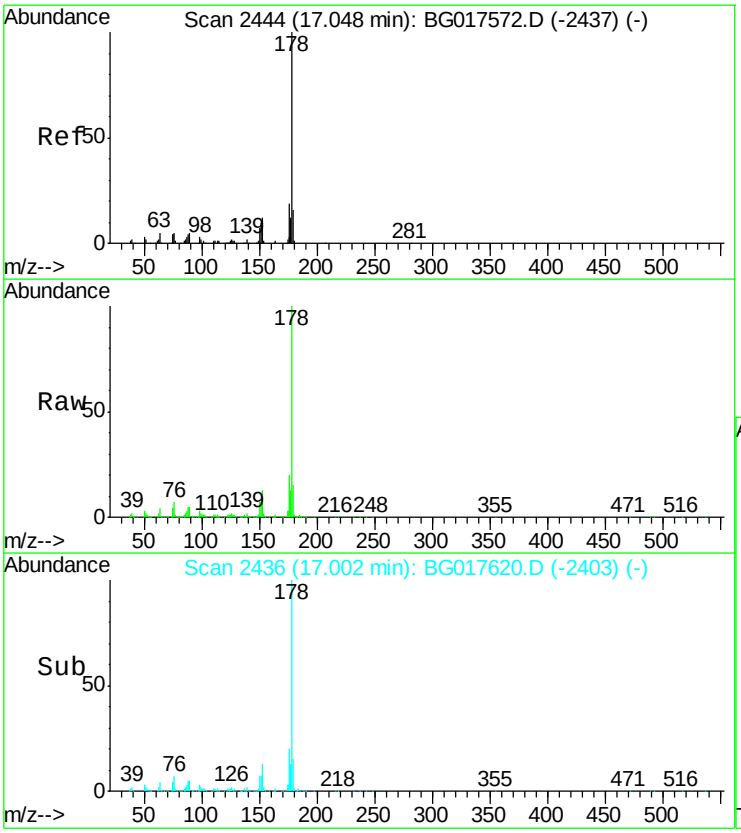
#69
Pentachlorophenol
Concen: 5.54 ng
RT: 16.73 min Scan# 2390
Delta R.T. 0.11 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Instrument :
BNA_G
ClientSampleId :
MW-14

Tgt Ion:266 Resp: 61

Ion	Ratio	Lower	Upper
266	100		
268	0.0	47.0	70.6#
264	0.0	45.7	68.5#

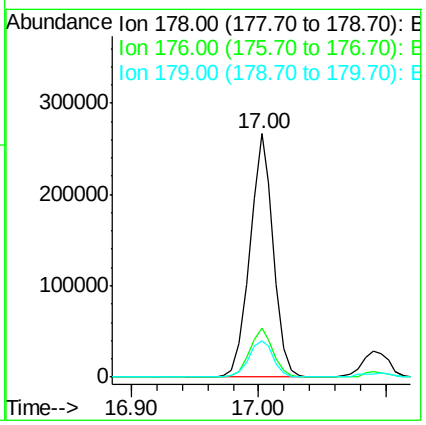


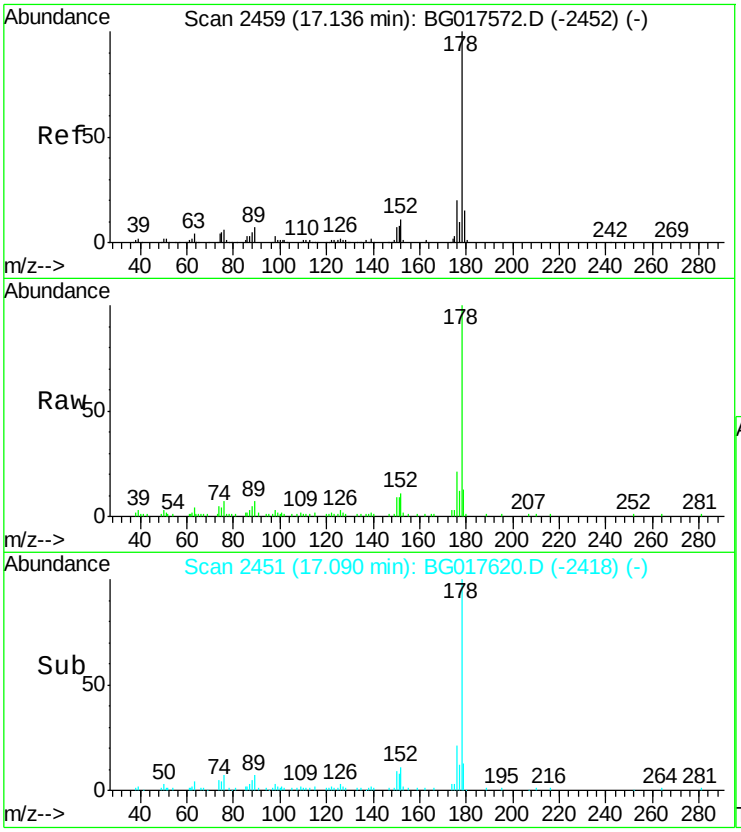


#70
Phenanthrene
Concen: 36.93 ng
RT: 17.00 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Tgt Ion:178 Resp: 342014

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.6	23.4
179	14.8	12.2	18.2



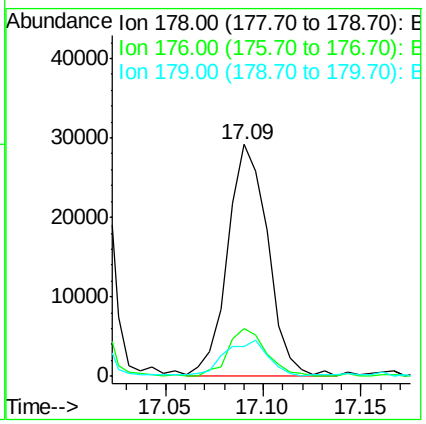


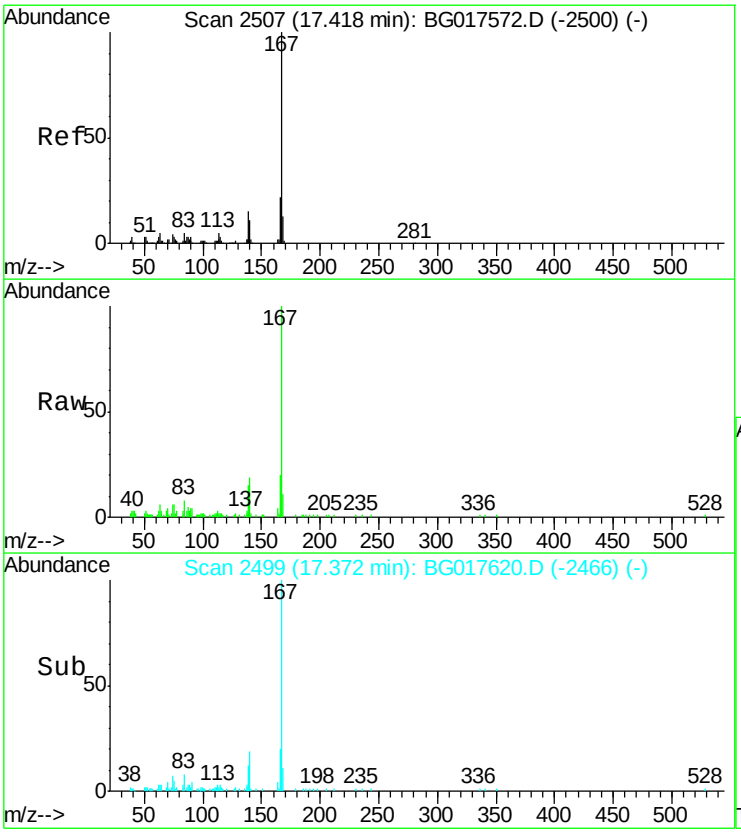
#71
Anthracene
Concen: 4.51 ng
RT: 17.09 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Instrument :
BNA_G
ClientSampleId :
MW-14

Tgt Ion:178 Resp: 41737

Ion	Ratio	Lower	Upper
178	100		
176	20.5	14.2	21.2
179	12.9	12.2	18.4

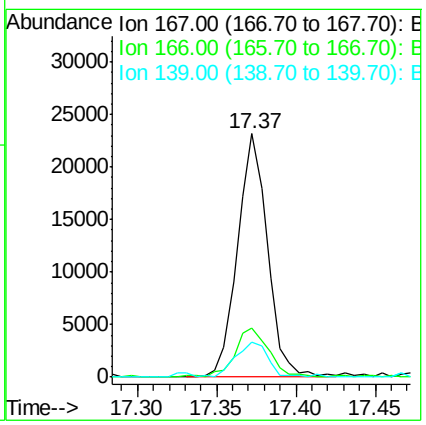


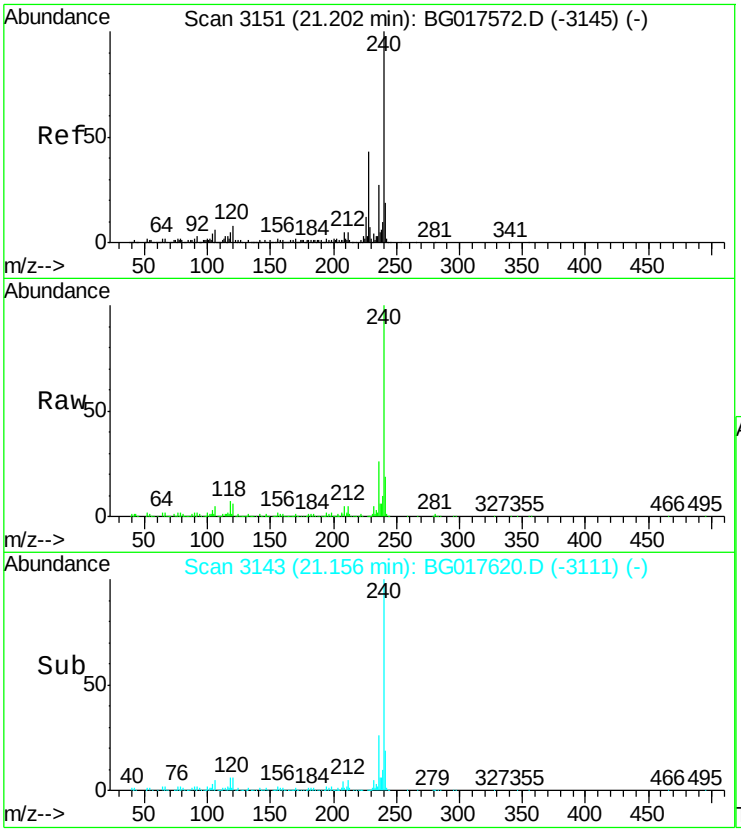


#72
Carbazole
Concen: 3.33 ng
RT: 17.37 min Scan# 2499
Delta R.T. -0.00 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Tgt Ion:167 Resp: 30459

Ion	Ratio	Lower	Upper
167	100		
166	20.1	17.0	25.4
139	14.6	11.3	16.9



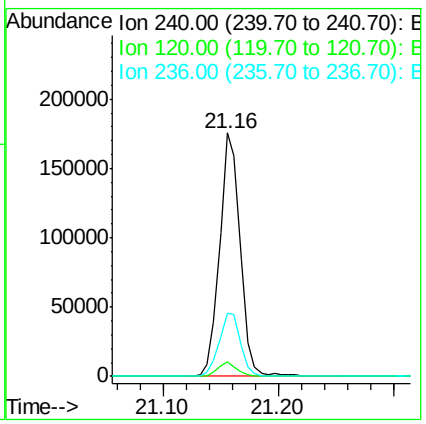


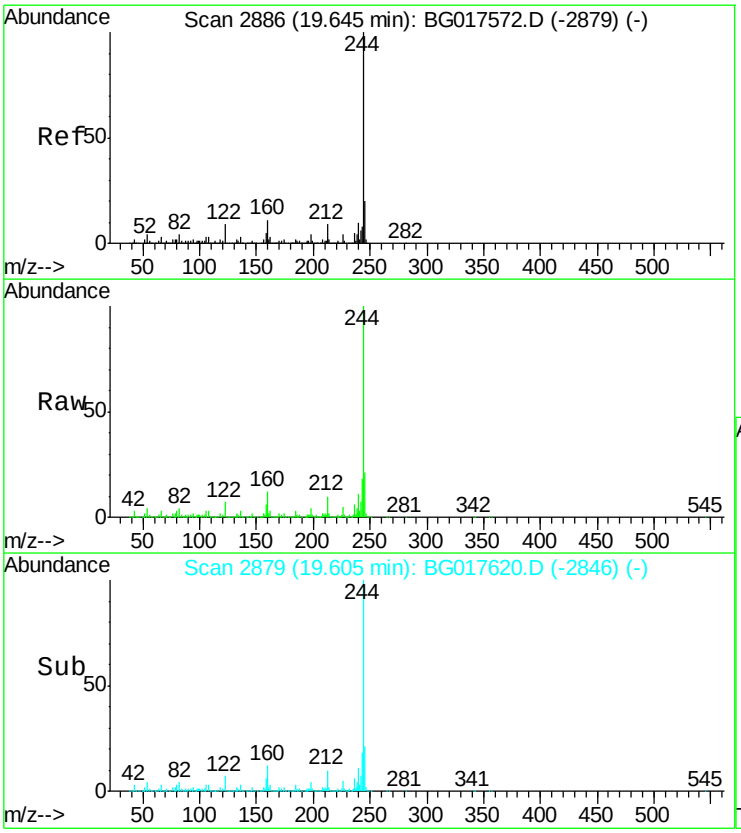
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Instrument :
BNA_G
ClientSampleId :
MW-14

Tgt Ion:240 Resp: 215775

Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.5	9.7#
236	25.8	20.8	31.2

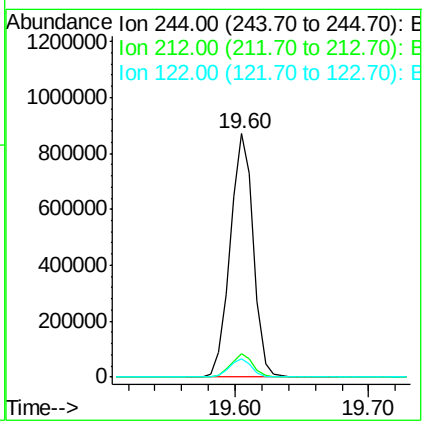


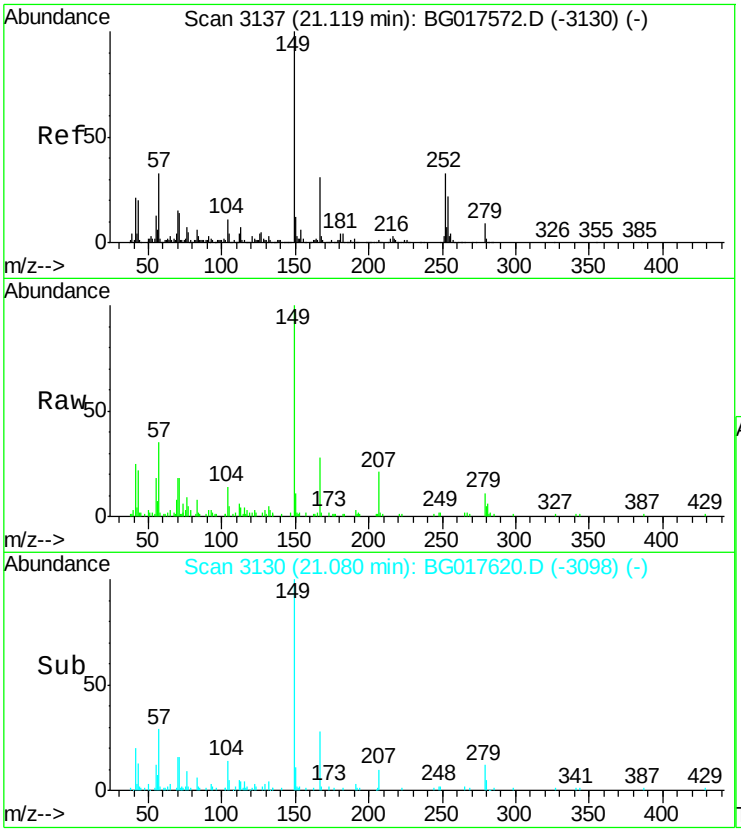


#78
Terphenyl-d14
Concen: 100.96 ng
RT: 19.60 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Tgt Ion:244 Resp: 1054021

Ion	Ratio	Lower	Upper
244	100		
212	9.5	6.4	9.6
122	7.4	6.6	10.0



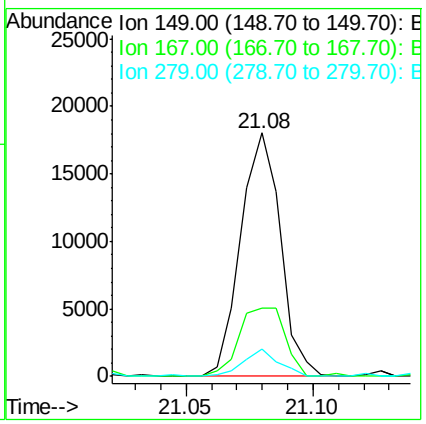


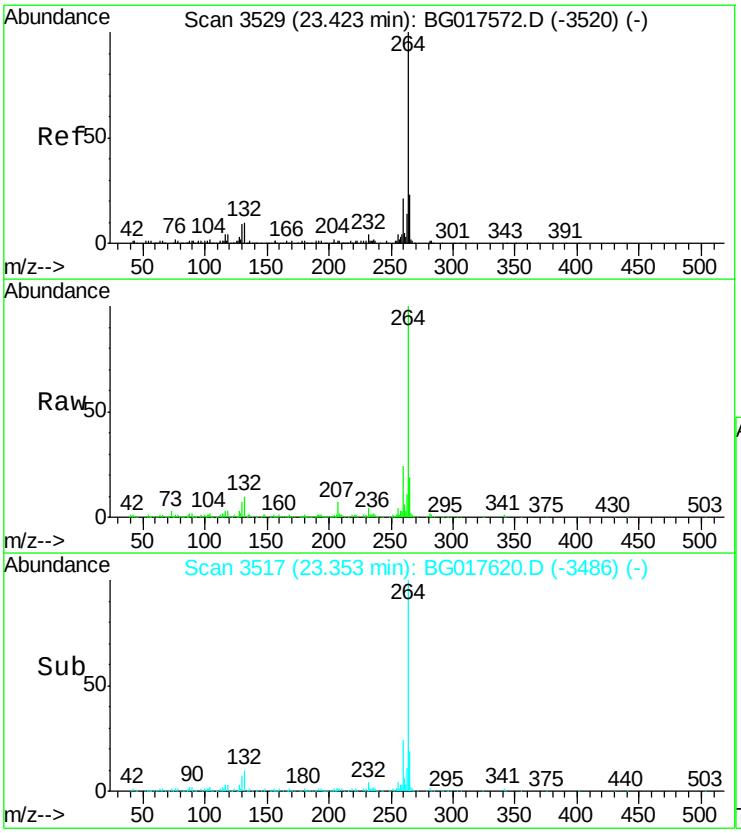
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.37 ng
RT: 21.08 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Instrument :
BNA_G
ClientSampleId :
MW-14

Tgt Ion:149 Resp: 19693

Ion	Ratio	Lower	Upper
149	100		
167	28.1	25.4	38.2
279	11.4	7.1	10.7#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 3517
Delta R.T. -0.02 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Tgt Ion:264 Resp: 191207

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	19.4	15.8	23.6