Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
Data File : BG017672.D
Acq On : 13 Jun 2015 13:01
Operator : TP/IZ
Sample : G2627-18
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

Quant Time: Jun 15 04:35:21 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 13 02:22:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	19212	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	73596	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	59460	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	169443	20.00	ng		0.00
75) Chrysene-d12	21.16	240	246280	20.00	ng		0.00
86) Perylene-d12	23.36	264	238198	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	72840	73.43	ng		0.00
7) Phenol-d6	6.74	99	65010	44.73	ng		0.00
23) Nitrobenzene-d5	8.69	82	159937	91.22	ng		0.00
41) 2,4,6-Tribromophenol	15.71	330	149075	145.24	ng		0.00
44) 2-Fluorobiphenyl	12.82	172	381689	88.78	ng		0.00
78) Terphenyl-d14	19.61	244	953336	80.75	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.76	94	3349	2.21	ng		91
18) Hexachloroethane	8.63	117	4450	7.23	ng	#	1
24) Nitrobenzene	8.70	77	4788	2.52	ng	#	32
31) Naphthalene	10.37	128	190503	47.96	ng	#	94
33) 4-Chloroaniline	10.37	127	24114	14.83	ng	#	40
37) 2-Methylnaphthalene	11.99	142	7356	2.32	ng		84
40) Hexachlorocyclopentadiene	12.44	237	89	5.11	ng	#	25
51) Acenaphthene	14.27	154	180015	49.29	ng		98
53) 2,4-Dinitrophenol	14.32	184	82	5.98	ng	#	8
54) Dibenzofuran	14.61	168	12657	2.10	ng	#	93
57) Fluorene	15.26	166	70465	13.62	ng		99
64) 4,6-Dinitro-2-methylphenol	15.40	198	103	5.32	ng	#	59
69) Pentachlorophenol	16.68	266	54	6.23	ng	#	17
70) Phenanthrene	17.00	178	145557	15.39	ng		97
71) Anthracene	17.09	178	26634	2.84	ng		96
72) Carbazole	17.38	167	21371	2.48	ng		98

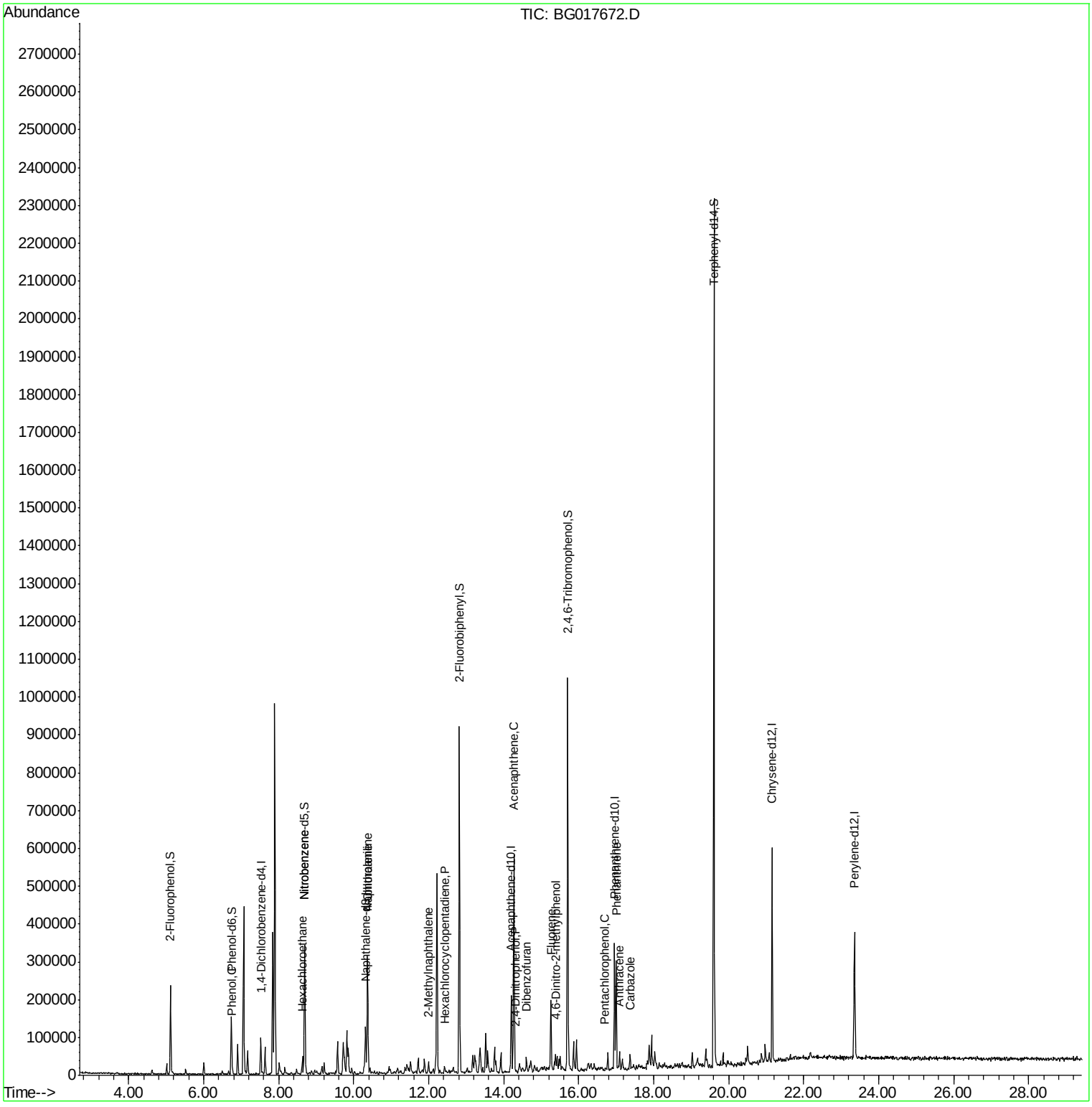
(#) = qualifier out of range (m) = manual integration (+) = signals summed

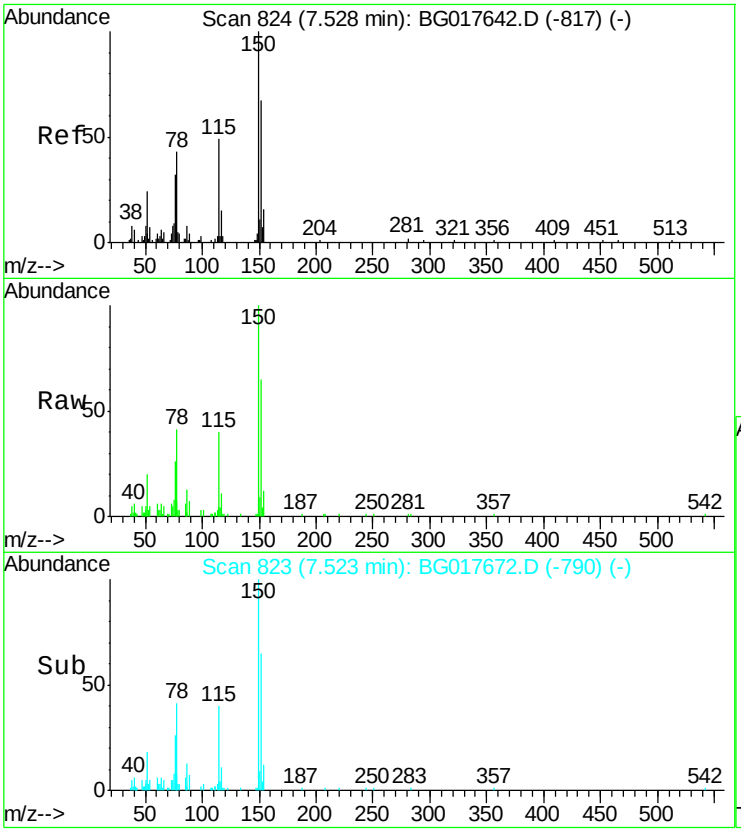
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
Data File : BG017672.D
Acq On : 13 Jun 2015 13:01
Operator : TP/IZ
Sample : G2627-18
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-16

Quant Time: Jun 15 04:35:21 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 13 02:22:44 2015
Response via : Initial Calibration



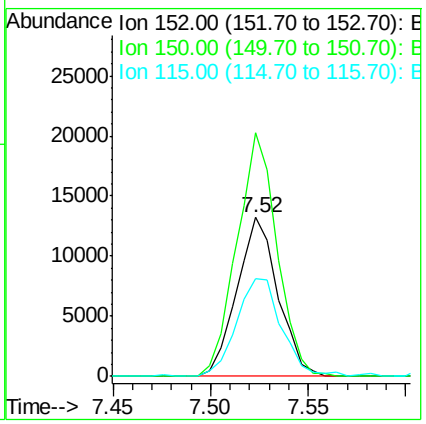


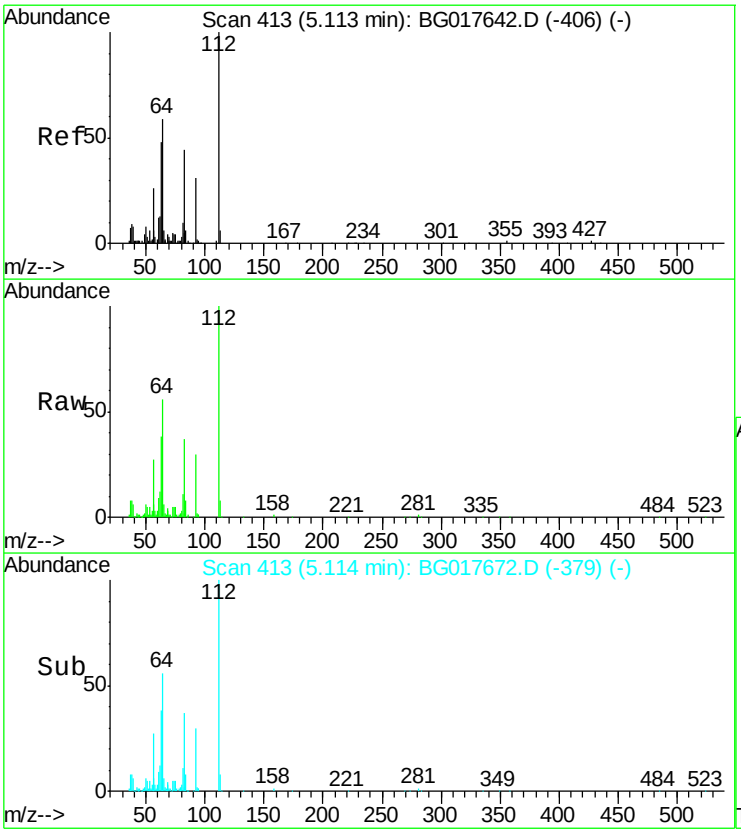
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:152 Resp: 19212

Ion	Ratio	Lower	Upper
152	100		
150	153.6	119.4	179.0
115	61.9	58.2	87.2

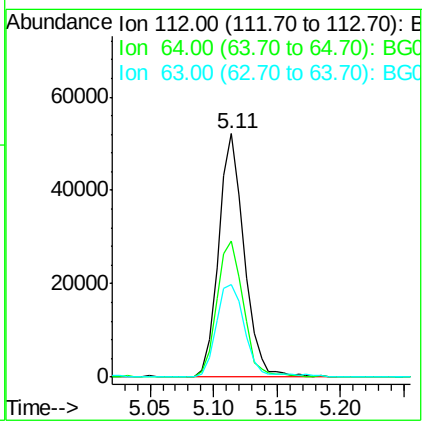


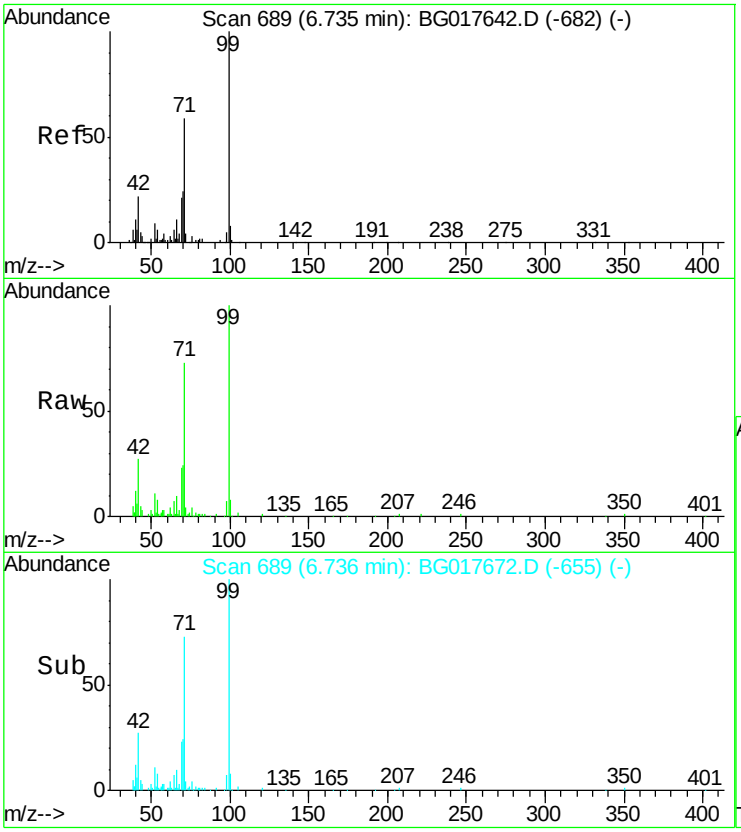


#5
2-Fluorophenol
Concen: 73.43 ng
RT: 5.11 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Tgt Ion:112 Resp: 72840

Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.0	70.6
63	37.9	38.6	58.0#



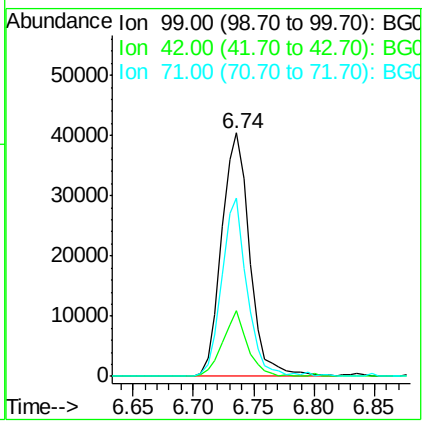


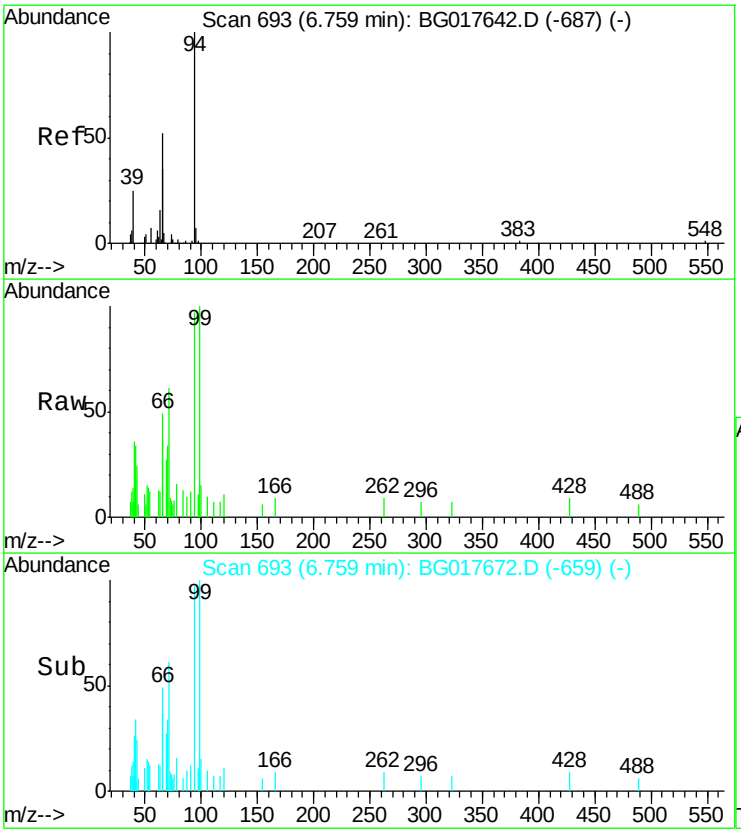
#7
Phenol-d6
Concen: 44.73 ng
RT: 6.74 min Scan# 689
Delta R.T. 0.00 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion: 99 Resp: 65010

Ion	Ratio	Lower	Upper
99	100		
42	26.8	17.4	26.2#
71	73.1	47.4	71.0#

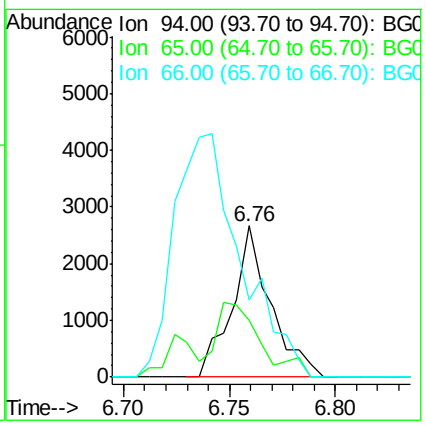




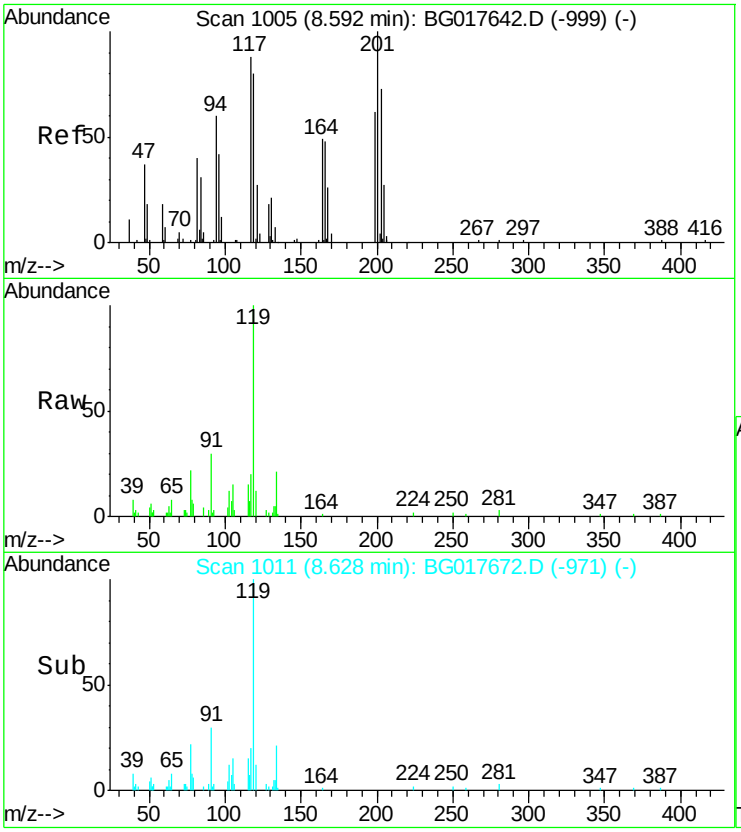
#10
Phenol
Concen: 2.21 ng
RT: 6.76 min Scan# 693
Delta R.T. 0.00 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Tgt Ion: 94 Resp: 3349

Ion	Ratio	Lower	Upper
94	100		
65	37.7	16.5	56.5
66	50.7	40.6	80.6



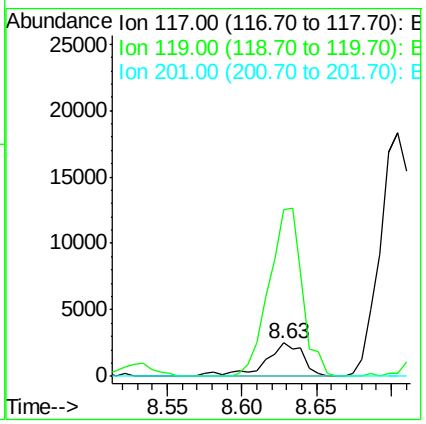
Instrument :
BNA_G
ClientSampleId :
MW-16

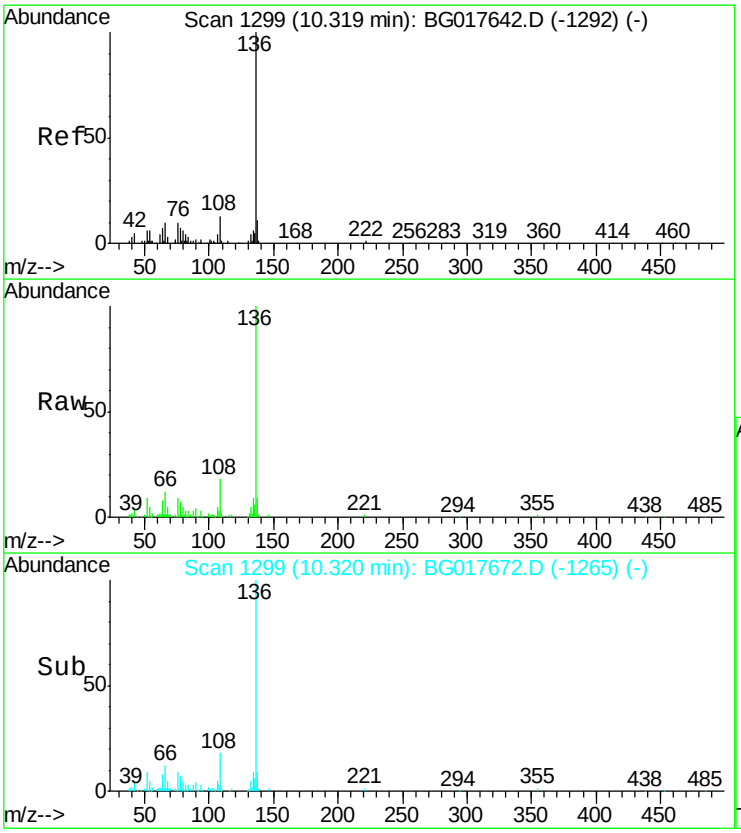


#18
Hexachloroethane
Concen: 7.23 ng
RT: 8.63 min Scan# 1011
Delta R.T. 0.04 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Tgt Ion:117 Resp: 4450

Ion	Ratio	Lower	Upper
117	100		
119	499.0	72.8	109.2#
201	0.0	91.0	136.6#

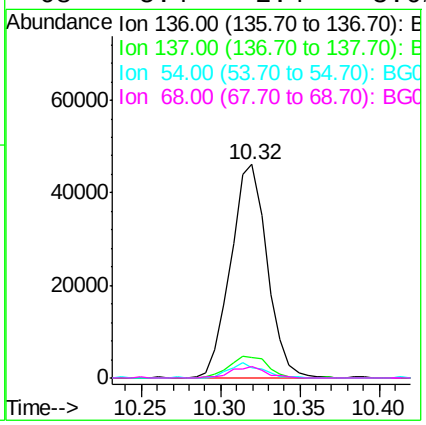


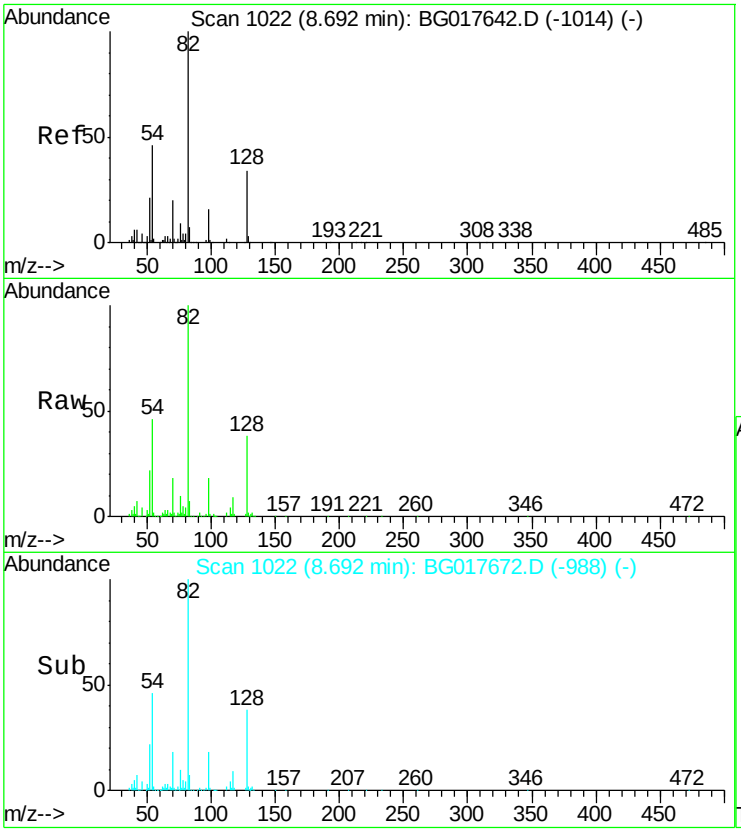


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Tgt Ion:136 Resp: 73596

Ion	Ratio	Lower	Upper
136	100		
137	9.4	8.7	13.1
54	5.1	4.7	7.1
68	5.4	2.4	3.6#



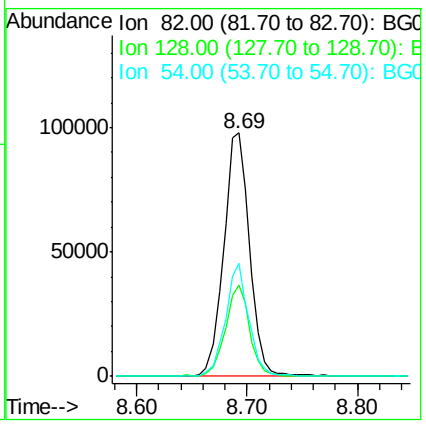


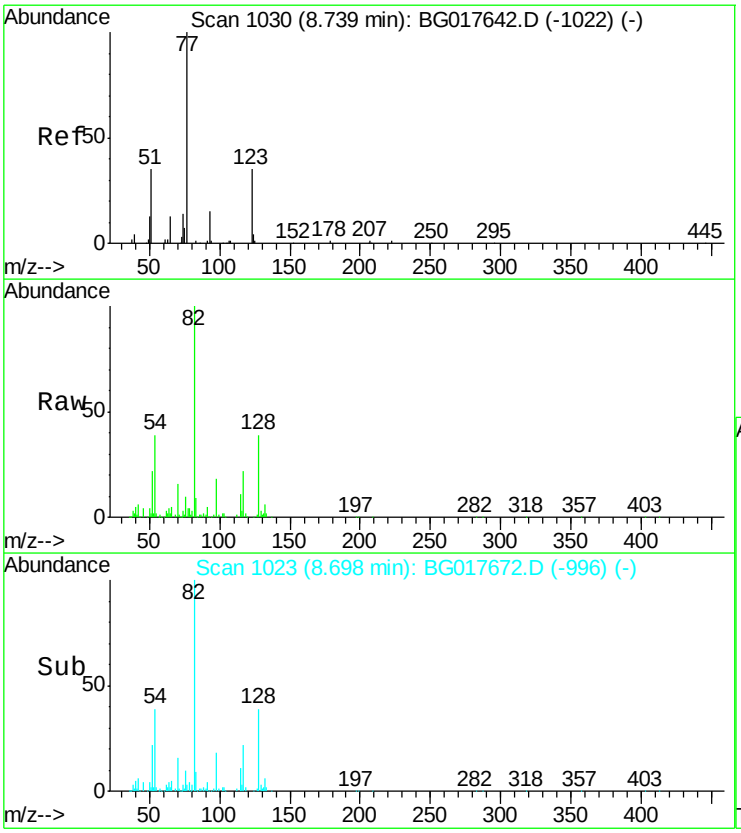
#23
Nitrobenzene-d5
Concen: 91.22 ng
RT: 8.69 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion: 82 Resp: 159937

Ion	Ratio	Lower	Upper
82	100		
128	37.6	27.3	40.9
54	46.4	37.0	55.4

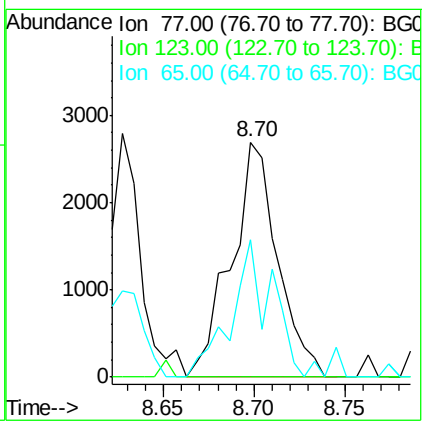


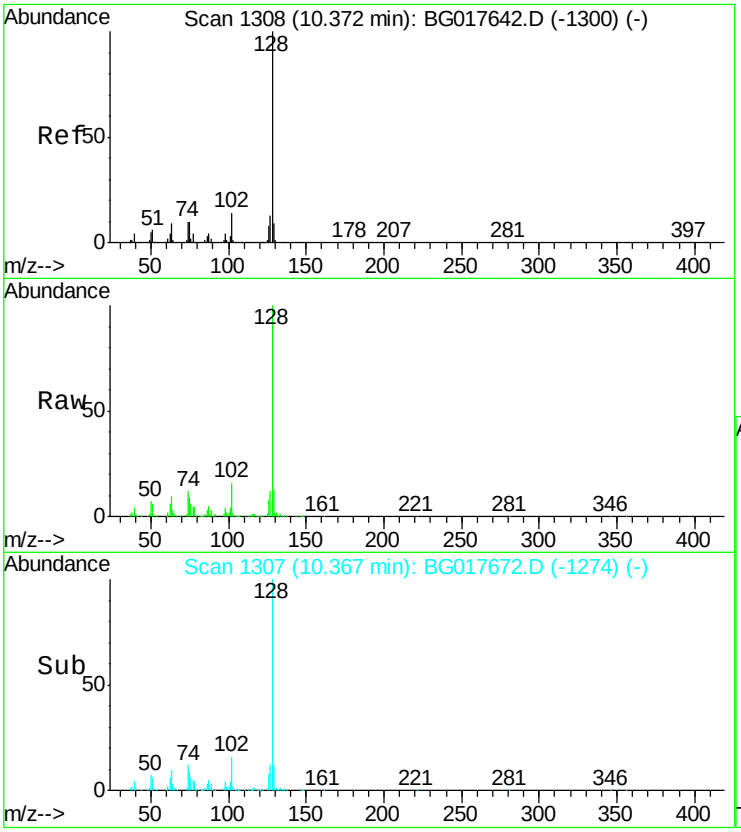


#24
Nitrobenzene
Concen: 2.52 ng
RT: 8.70 min Scan# 1023
Delta R.T. -0.04 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Tgt Ion: 77 Resp: 4788

Ion	Ratio	Lower	Upper
77	100		
123	5.8	28.0	42.0#
65	58.6	10.5	15.7#



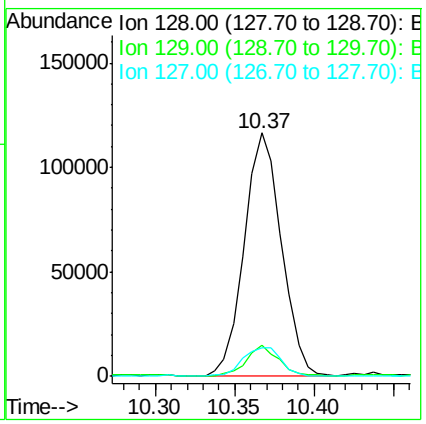


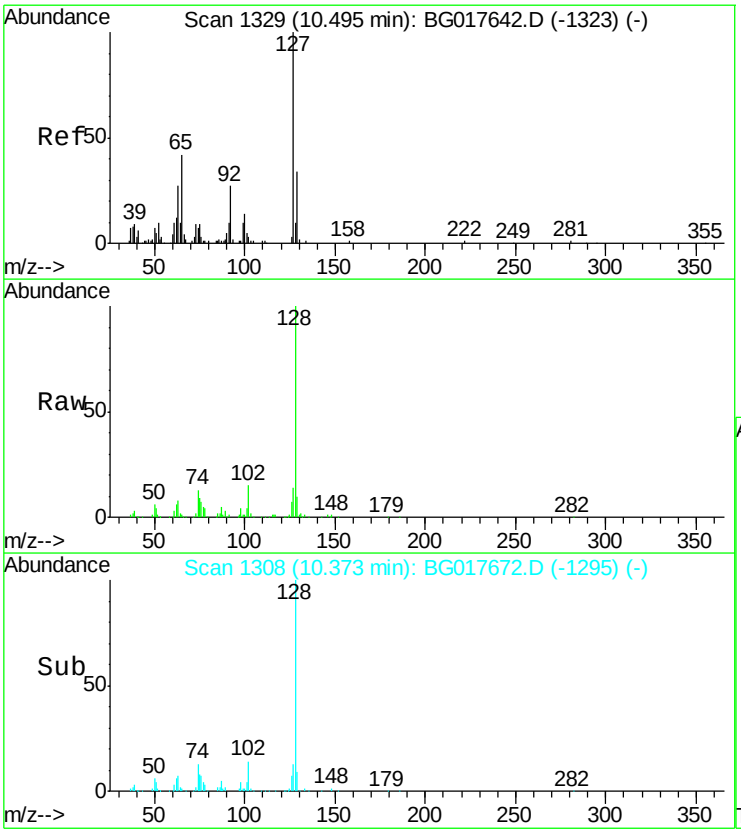
#31
Naphthalene
Concen: 47.96 ng
RT: 10.37 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:128 Resp: 190503

Ion	Ratio	Lower	Upper
128	100		
129	12.9	7.0	10.4#
127	12.0	10.2	15.2

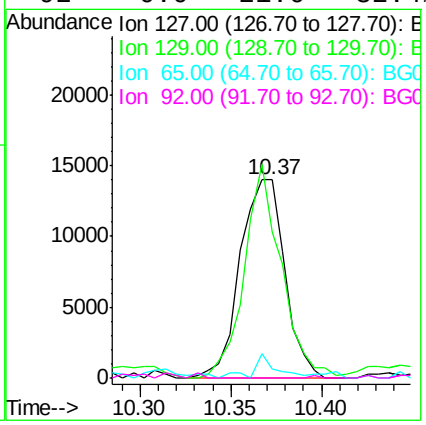


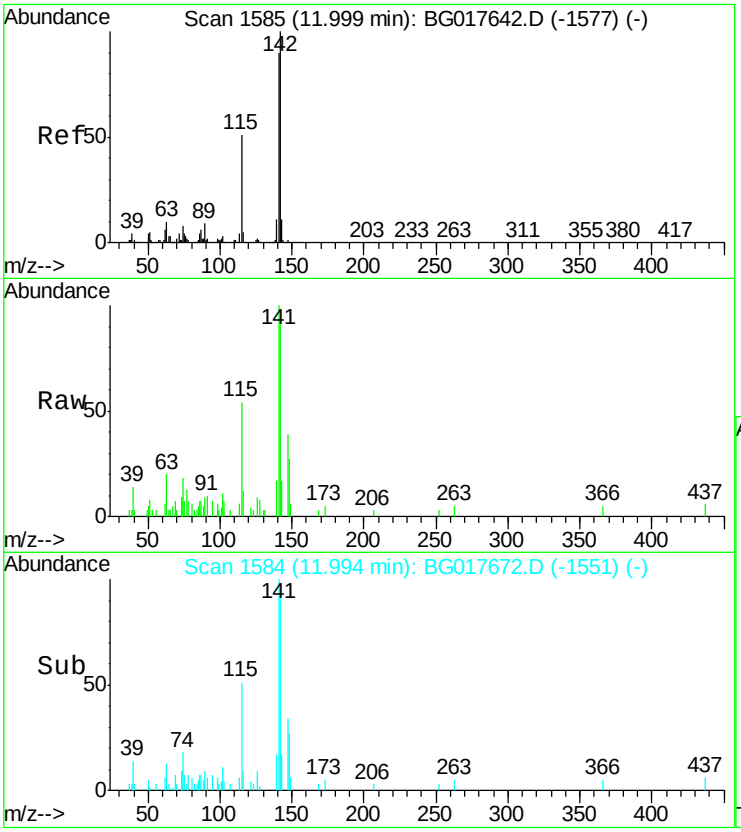


#33
4-Chloroaniline
Concen: 14.83 ng
RT: 10.37 min Scan# 1308
Delta R.T. -0.12 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Tgt Ion:127 Resp: 24114

Ion	Ratio	Lower	Upper
127	100		
129	73.7	27.4	41.2#
65	4.8	33.8	50.8#
92	0.0	21.6	32.4#



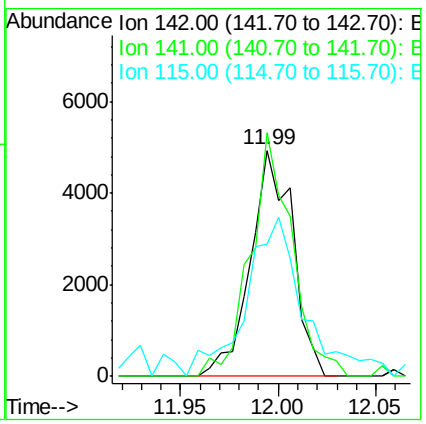


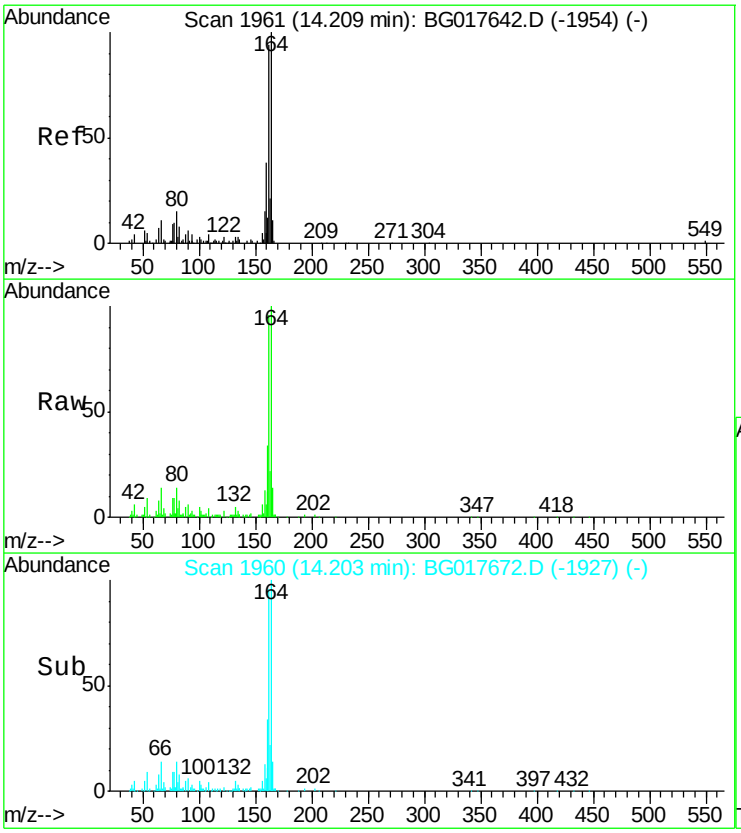
#37
2-Methylnaphthalene
Concen: 2.32 ng
RT: 11.99 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:142 Resp: 7356

Ion	Ratio	Lower	Upper
142	100		
141	107.7	71.8	107.8
115	58.5	41.0	61.4

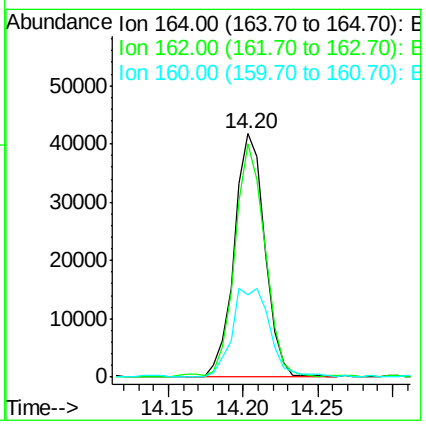


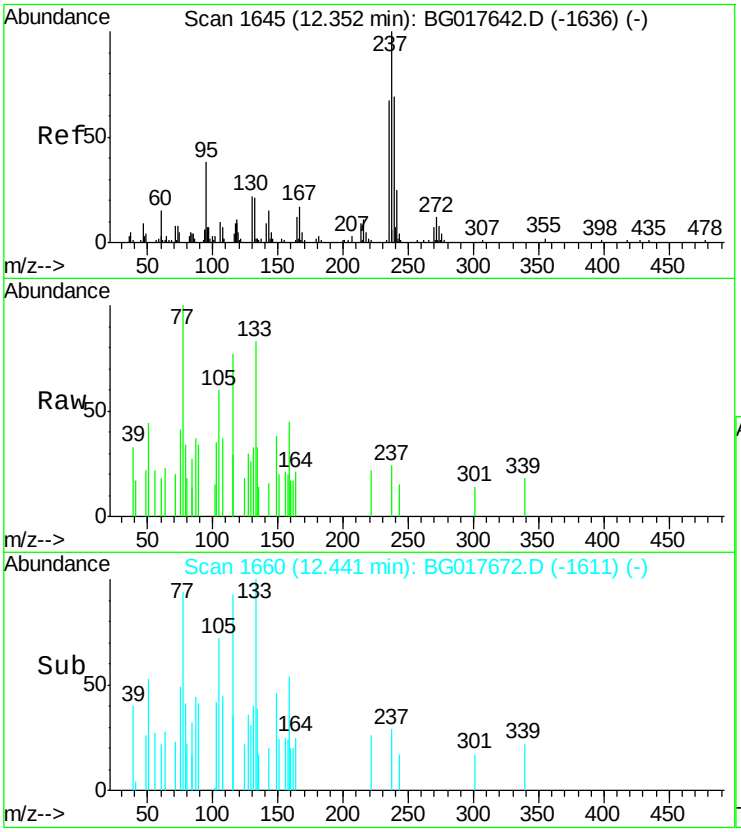


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Tgt Ion:164 Resp: 59460

Ion	Ratio	Lower	Upper
164	100		
162	95.9	75.0	112.4
160	33.6	30.3	45.5



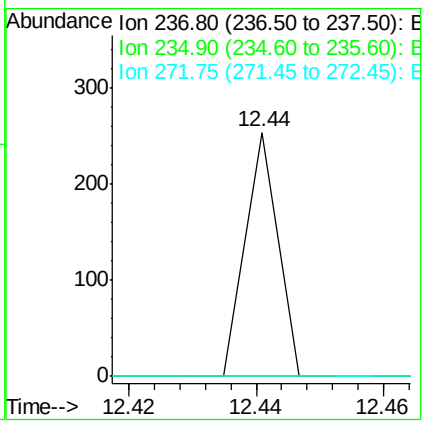


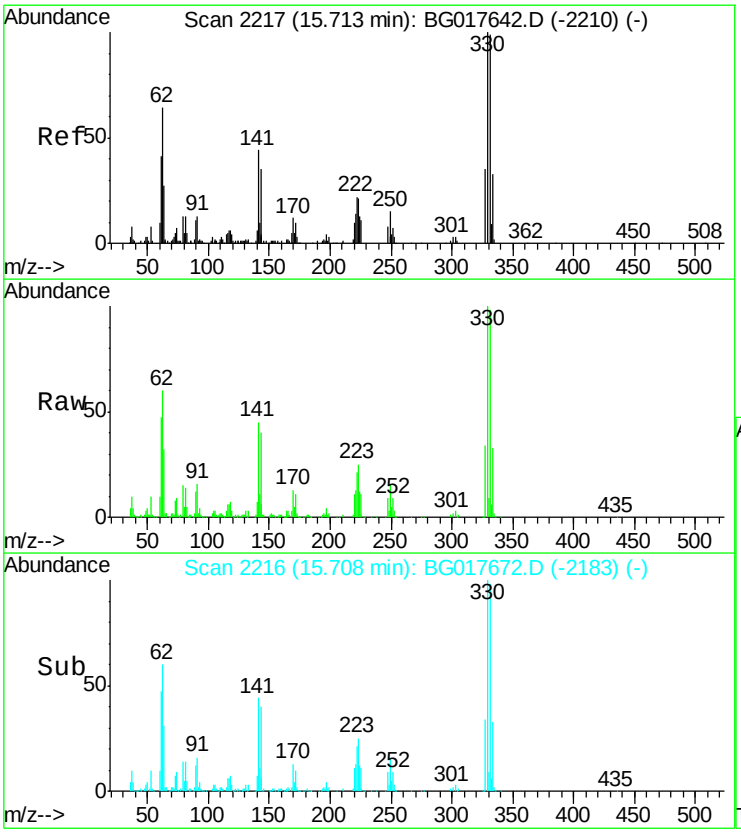
#40
Hexachlorocyclopentadiene
Concen: 5.11 ng
RT: 12.44 min Scan# 1660
Delta R.T. 0.09 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:237 Resp: 89

Ion	Ratio	Lower	Upper
237	100		
235	0.0	46.6	86.6#
272	0.0	0.0	32.3

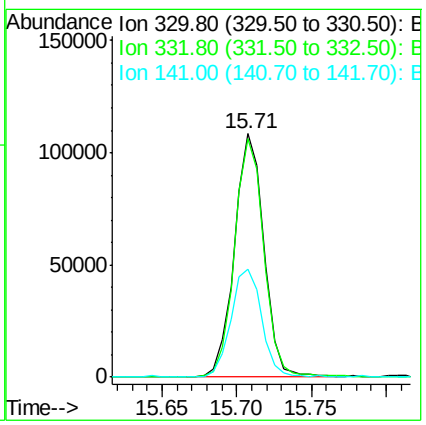


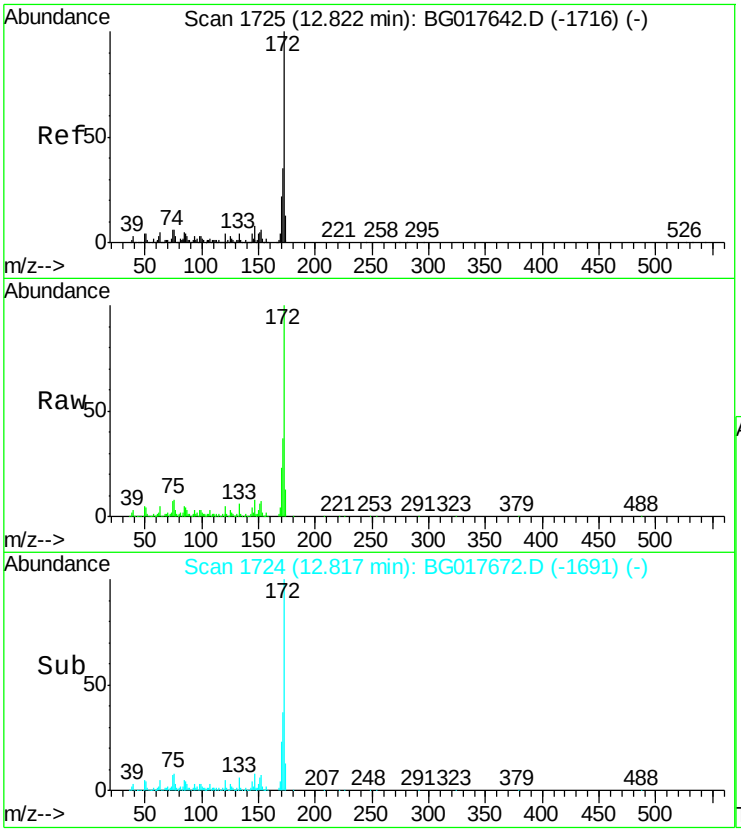


#41
2,4,6-Tribromophenol
Concen: 145.24 ng
RT: 15.71 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Tgt Ion:330 Resp: 149075

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	114.8
141	47.5	34.6	51.8



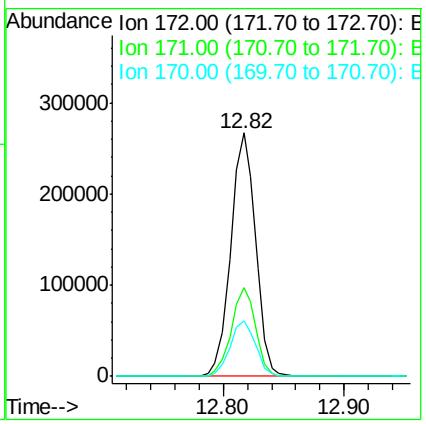


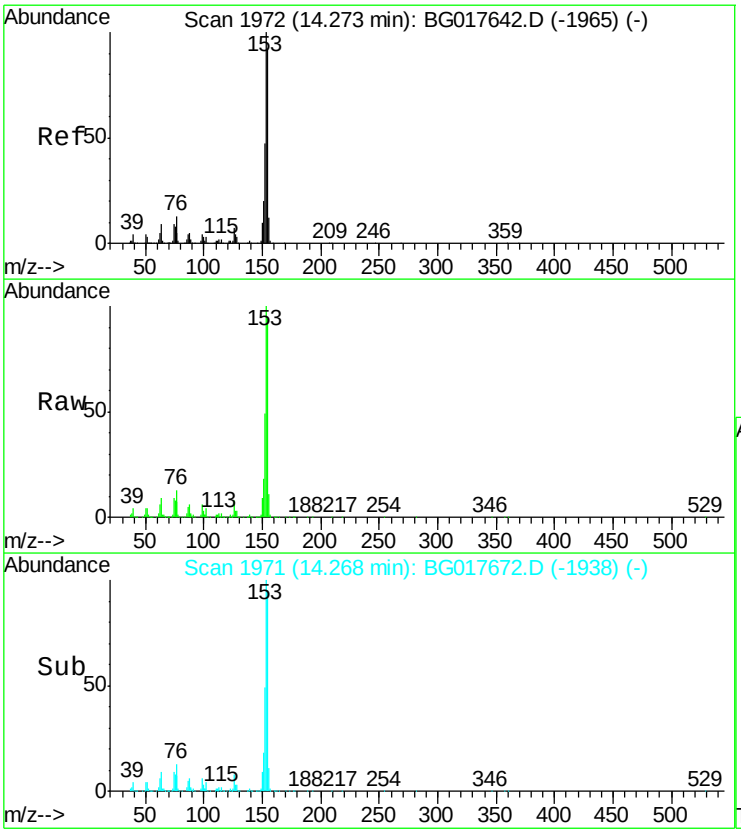
#44
2-Fluorobiphenyl
Concen: 88.78 ng
RT: 12.82 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:172 Resp: 381689

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.2	42.2
170	22.8	17.4	26.2

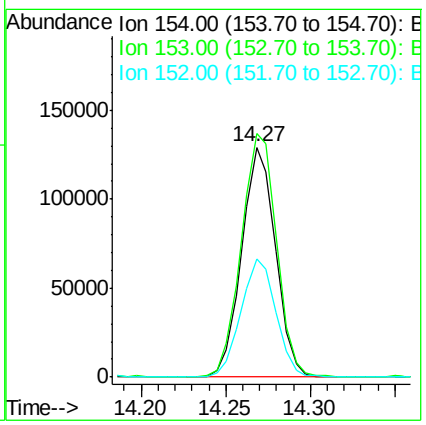


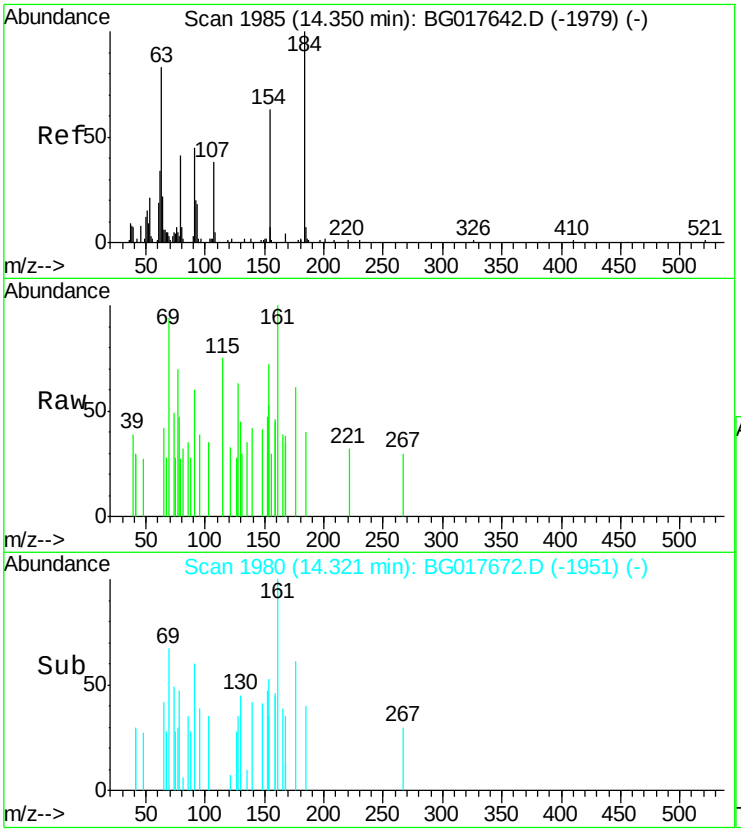


#51
Acenaphthene
Concen: 49.29 ng
RT: 14.27 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Tgt Ion:154 Resp: 180015

Ion	Ratio	Lower	Upper
154	100		
153	106.0	87.2	130.8
152	51.6	41.0	61.4



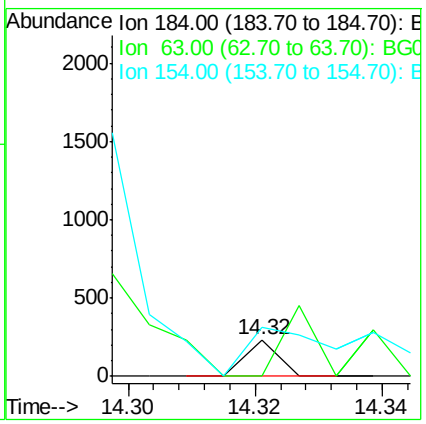


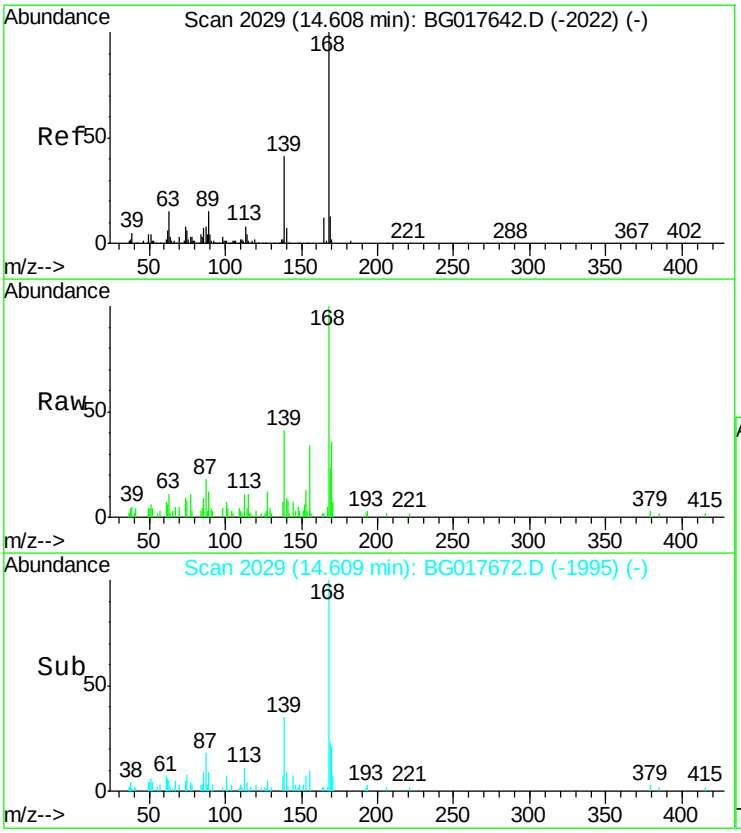
#53
2,4-Dinitrophenol
Concen: 5.98 ng
RT: 14.32 min Scan# 1980
Delta R.T. -0.03 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:184 Resp: 82

Ion	Ratio	Lower	Upper
184	100		
63	0.0	66.5	99.7#
154	135.0	50.5	75.7#

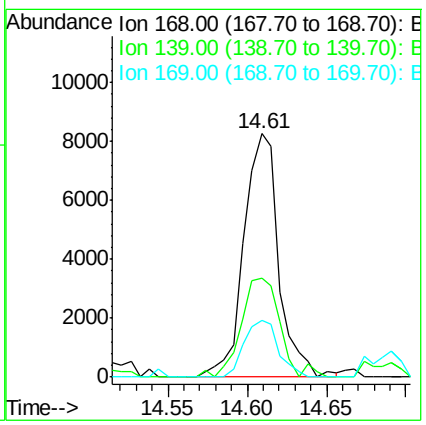


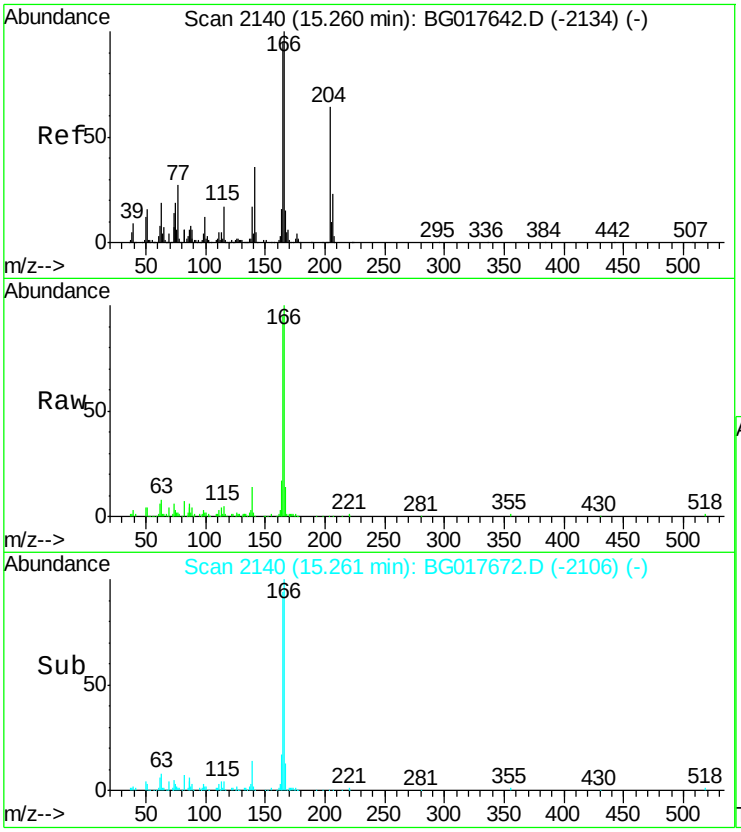


#54
Dibenzofuran
Concen: 2.10 ng
RT: 14.61 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Tgt Ion:168 Resp: 12657

Ion	Ratio	Lower	Upper
168	100		
139	40.8	32.8	49.2
169	23.5	10.3	15.5#



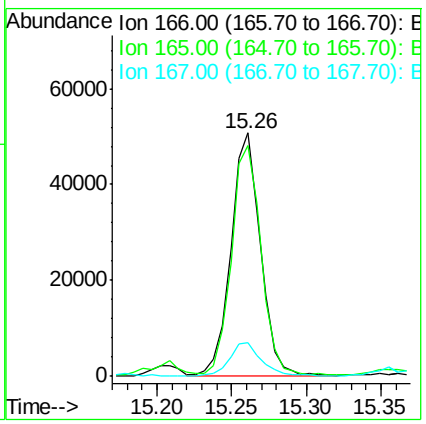


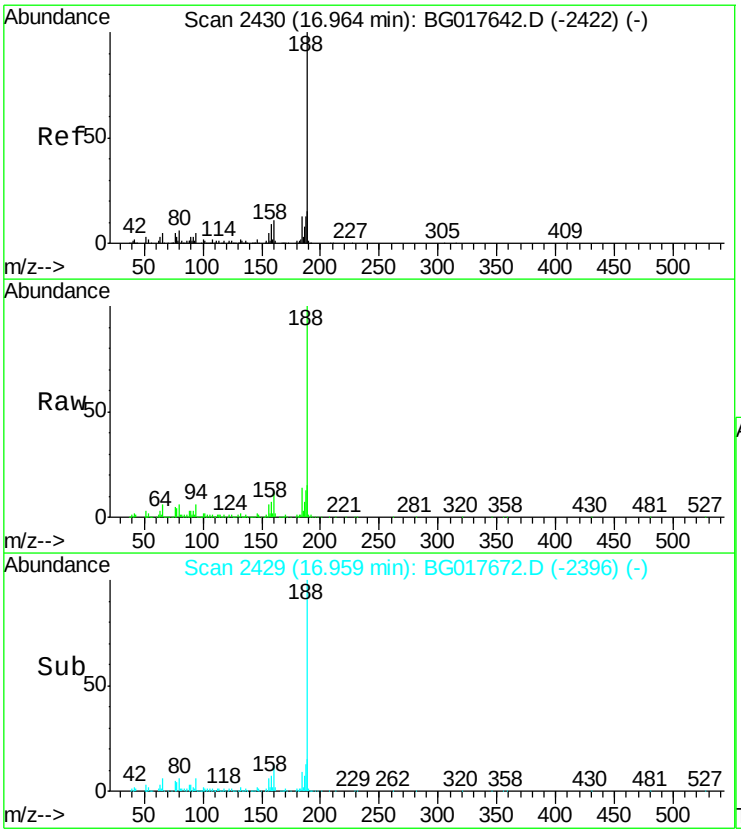
#57
Fluorene
Concen: 13.62 ng
RT: 15.26 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:166 Resp: 70465

Ion	Ratio	Lower	Upper
166	100		
165	94.8	76.2	114.4
167	13.6	12.2	18.2

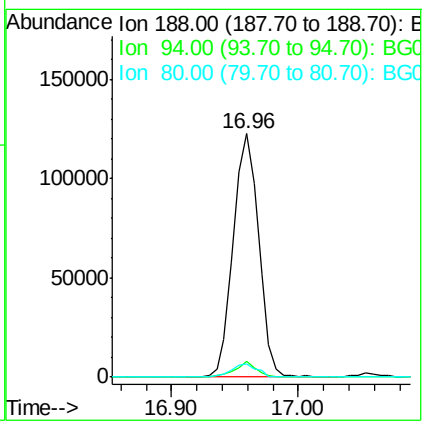


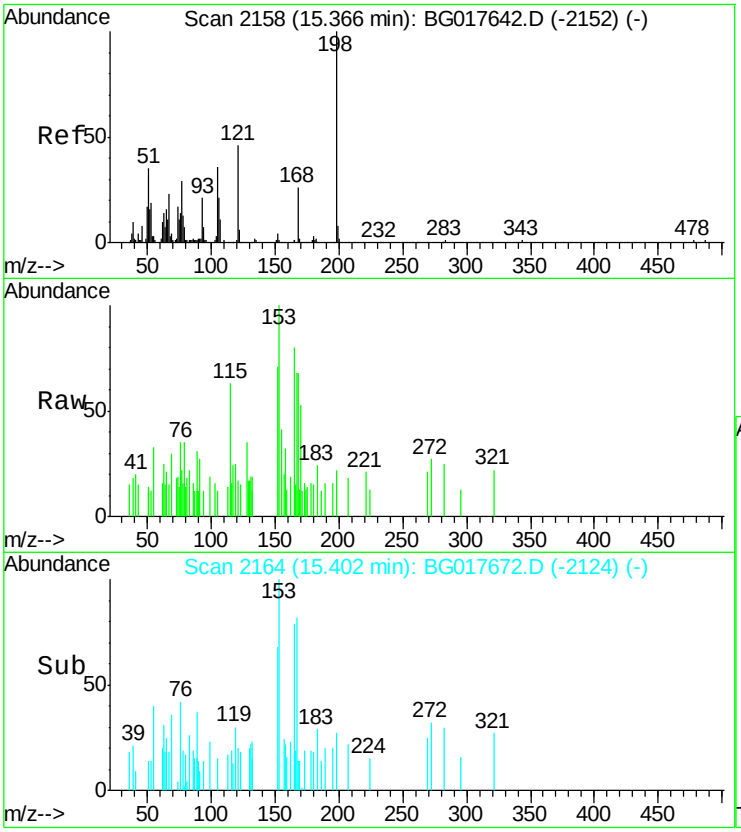


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Tgt Ion:188 Resp: 169443

Ion	Ratio	Lower	Upper
188	100		
94	6.4	3.9	5.9#
80	5.5	5.0	7.6



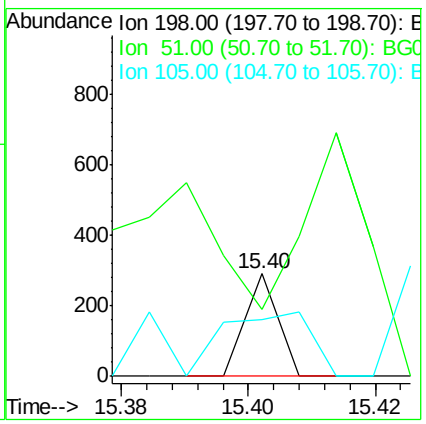


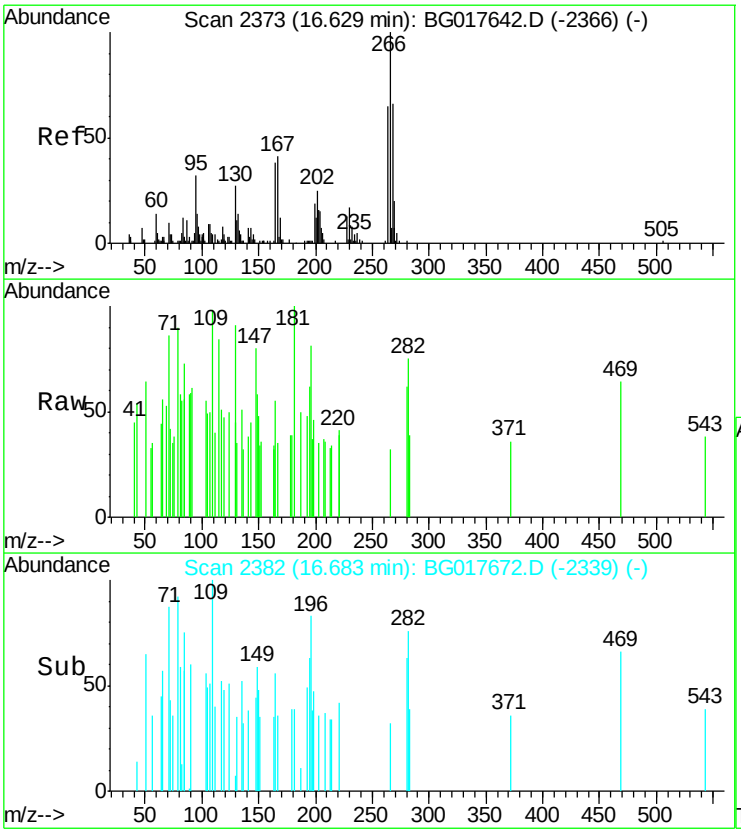
#64
4,6-Dinitro-2-methylphenol
Concen: 5.32 ng
RT: 15.40 min Scan# 2164
Delta R.T. 0.04 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:198 Resp: 103

Ion	Ratio	Lower	Upper
198	100		
51	64.6	16.2	56.2#
105	55.3	15.7	55.7

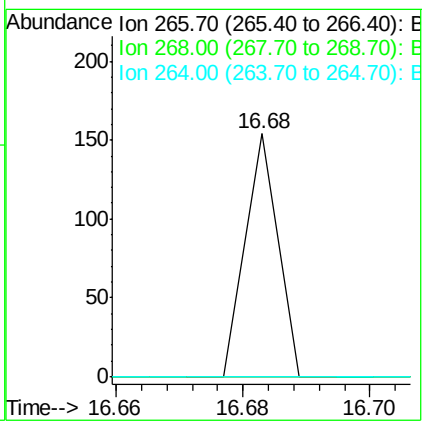


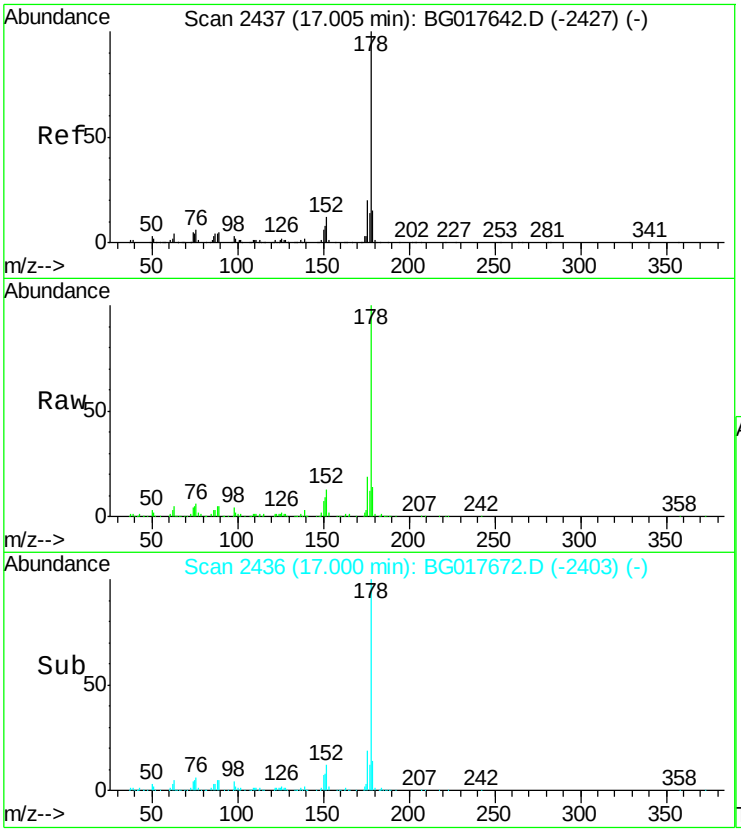


#69
Pentachlorophenol
Concen: 6.23 ng
RT: 16.68 min Scan# 2382
Delta R.T. 0.05 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Tgt Ion:266 Resp: 54

Ion	Ratio	Lower	Upper
266	100		
268	0.0	52.7	79.1#
264	0.0	52.2	78.4#



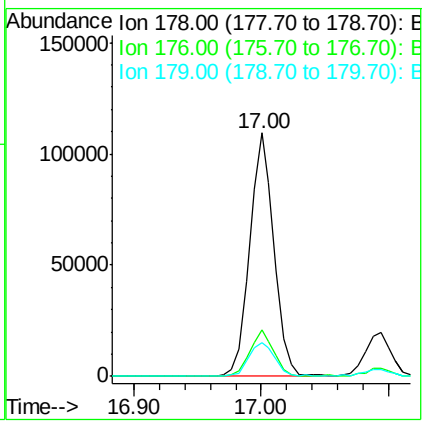


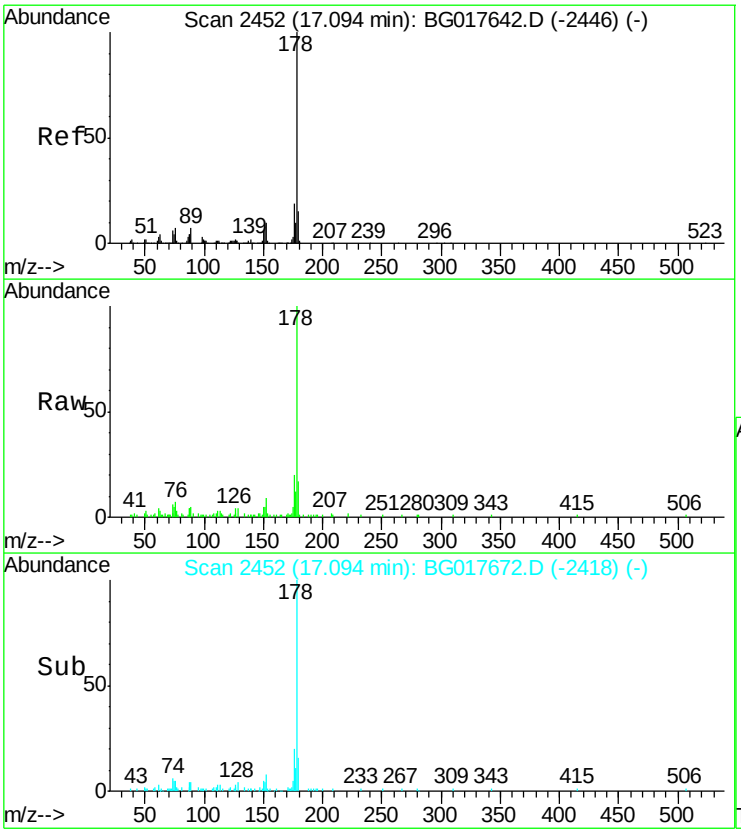
#70
Phenanthrene
Concen: 15.39 ng
RT: 17.00 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:178 Resp: 145557

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	13.9	12.3	18.5

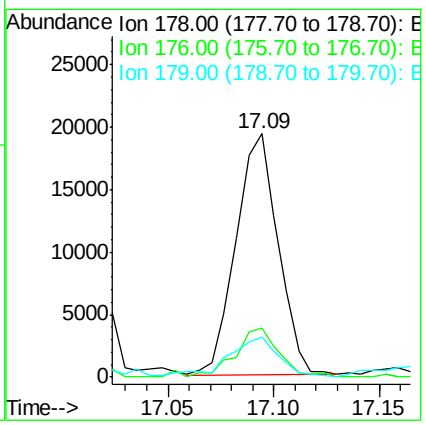


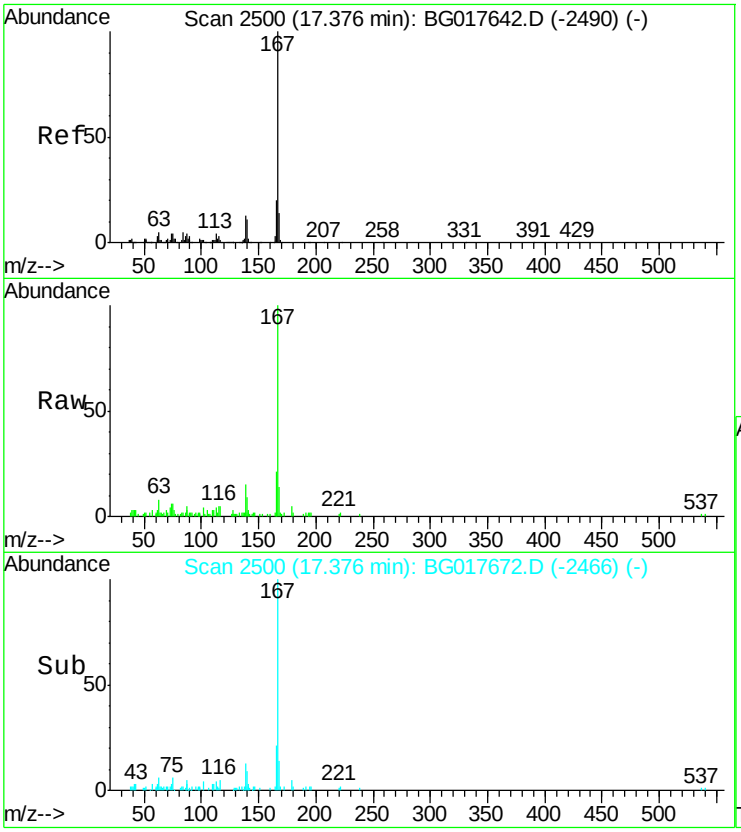


#71
Anthracene
Concen: 2.84 ng
RT: 17.09 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Tgt Ion:178 Resp: 26634

Ion	Ratio	Lower	Upper
178	100		
176	20.1	14.8	22.2
179	16.6	11.9	17.9



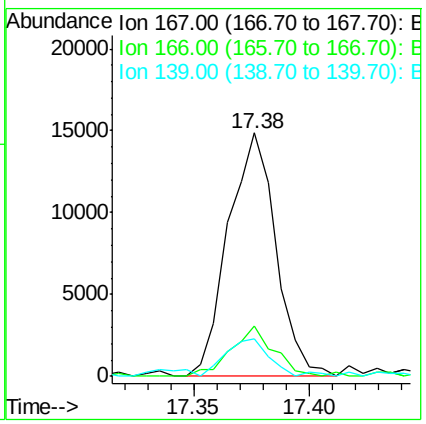


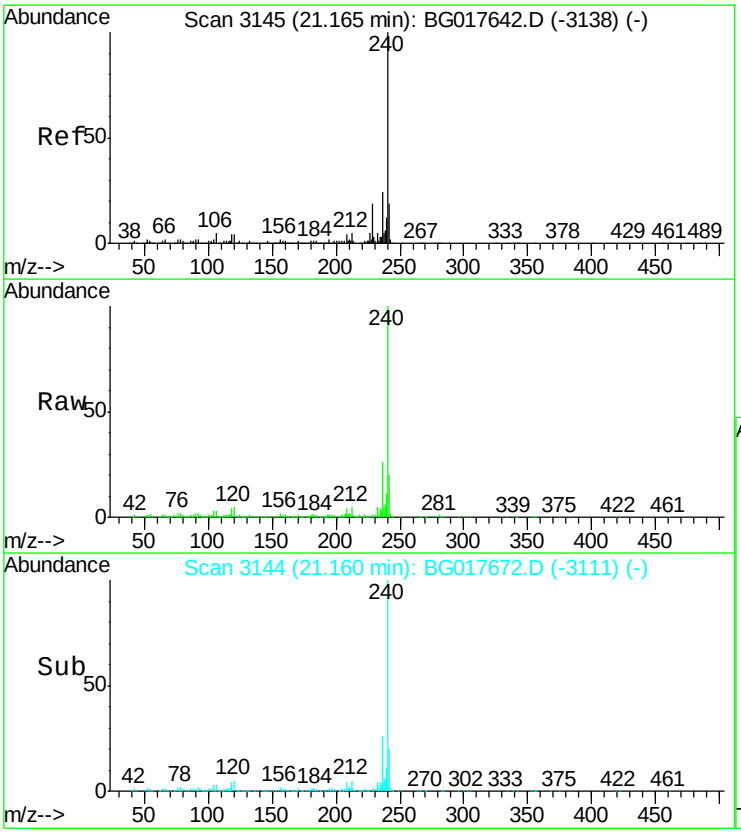
#72
Carbazole
Concen: 2.48 ng
RT: 17.38 min Scan# 2500
Delta R.T. 0.00 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:167 Resp: 21371

Ion	Ratio	Lower	Upper
167	100		
166	20.5	16.3	24.5
139	15.3	10.6	15.8

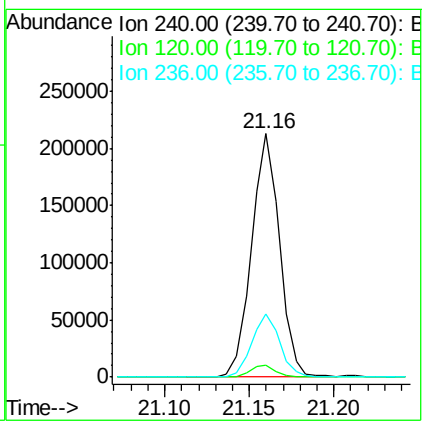


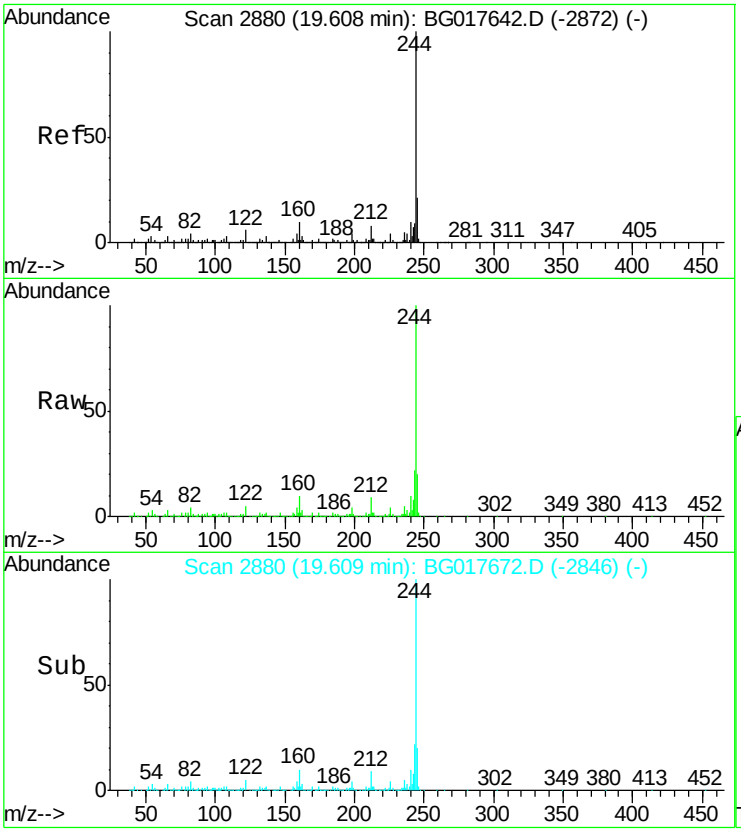


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Tgt Ion:240 Resp: 246280

Ion	Ratio	Lower	Upper
240	100		
120	5.0	3.5	5.3
236	25.7	19.5	29.3



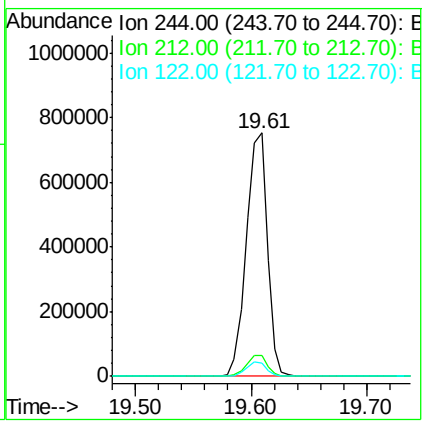


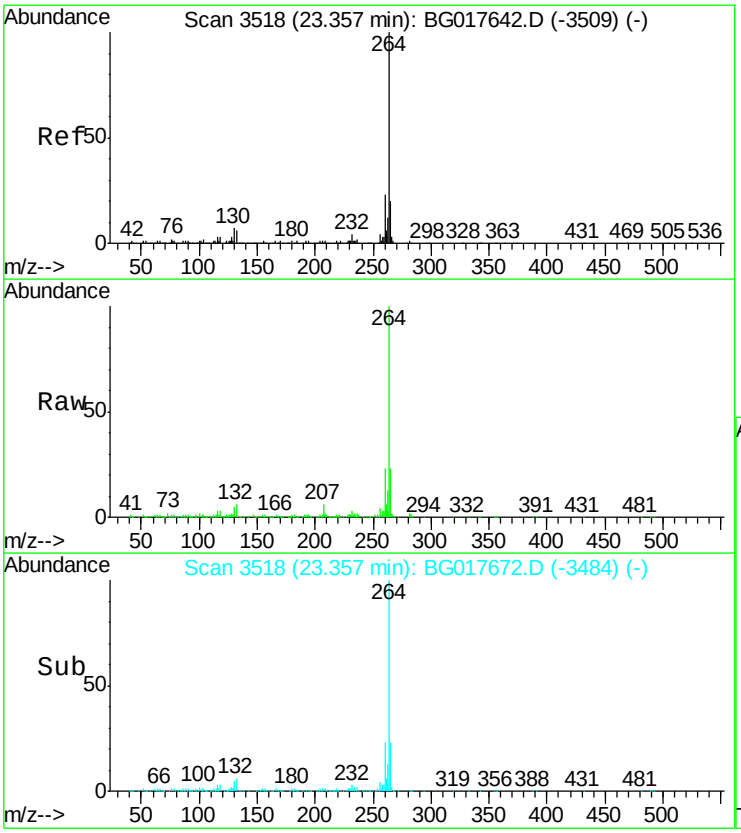
#78
Terphenyl-d14
Concen: 80.75 ng
RT: 19.61 min Scan# 2880
Delta R.T. 0.00 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:244 Resp: 953336

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.3	9.5
122	5.3	4.6	6.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG017672.D
Acq: 13 Jun 2015 13:01

Tgt Ion:264 Resp: 238198

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	23.3	16.2	24.2