Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072015\
Data File : BG017993.D
Acq On : 20 Jul 2015 17:39
Operator : TP/UM
Sample : G2976-01DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BRIDGE14-5(0-2)DL

Quant Time: Jul 20 19:04:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 18 01:50:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	127614	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	557434	20.00	ng		0.00
38) Acenaphthene-d10	14.25	164	329492	20.00	ng		0.00
63) Phenanthrene-d10	17.00	188	639133	20.00	ng		0.00
75) Chrysene-d12	21.21	240	646121	20.00	ng		0.00
86) Perylene-d12	23.43	264	679625	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	25123	3.43	ng		0.00
7) Phenol-d6	6.77	99	71798	7.49	ng		0.00
23) Nitrobenzene-d5	8.74	82	42276	4.91	ng		0.00
41) 2,4,6-Tribromophenol	15.74	330	3308	0.99	ng		0.00
44) 2-Fluorobiphenyl	12.86	172	107912	5.68	ng		0.00
78) Terphenyl-d14	19.64	244	131847	5.14	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.42	128	195740	7.17	ng		98
32) Benzoic acid	9.70	122	69	Below Cal		#	29
33) 4-Chloroaniline	10.41	127	25161	2.07	ng	#	32
37) 2-Methylnaphthalene	12.04	142	92836	4.74	ng		91
51) Acenaphthene	14.31	154	352502	18.67	ng		97
54) Dibenzofuran	14.64	168	397622	14.60	ng		93
55) 4-Nitrophenol	14.64	139	142472	30.89	ng	#	8
57) Fluorene	15.30	166	419394	17.91	ng		97
64) 4,6-Dinitro-2-methylphenol	15.42	198	72	Below Cal		#	1
69) Pentachlorophenol	16.43	266	56	Below Cal		#	18
70) Phenanthrene	17.14	178	987322	29.95	ng		99
71) Anthracene	17.14	178	987322	30.78	ng		98
72) Carbazole	17.41	167	463813	15.30	ng		97
74) Fluoranthene	19.07	202	2584917	71.62	ng		87
77) Pyrene	19.44	202	2173007	60.30	ng		92
80) Benzo(a)anthracene	21.19	228	1253756	36.74	ng		97
82) Chrysene	21.24	228	1071602	32.97	ng		98
85) Indeno(1,2,3-cd)pyrene	25.69	276	498868	12.69	ng	#	89
87) Benzo(b)fluoranthene	22.76	252	1393382	37.47	ng		99
88) Benzo(k)fluoranthene	22.76	252	1393382	37.53	ng		98
89) Benzo(a)pyrene	23.33	252	992675	28.65	ng		96
90) Dibenzo(a,h)anthracene	25.70	278	115010	3.20	ng		95
91) Benzo(g,h,i)perylene	26.38	276	437454	12.63	ng		98

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

Quantitation Report (Not Reviewed)

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Acq On : 20 Jul 2015 17:39
Operator : TP/UM
Sample : G2976-01DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)DL

Quant Time: Jul 20 19:04:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 18 01:50:30 2015
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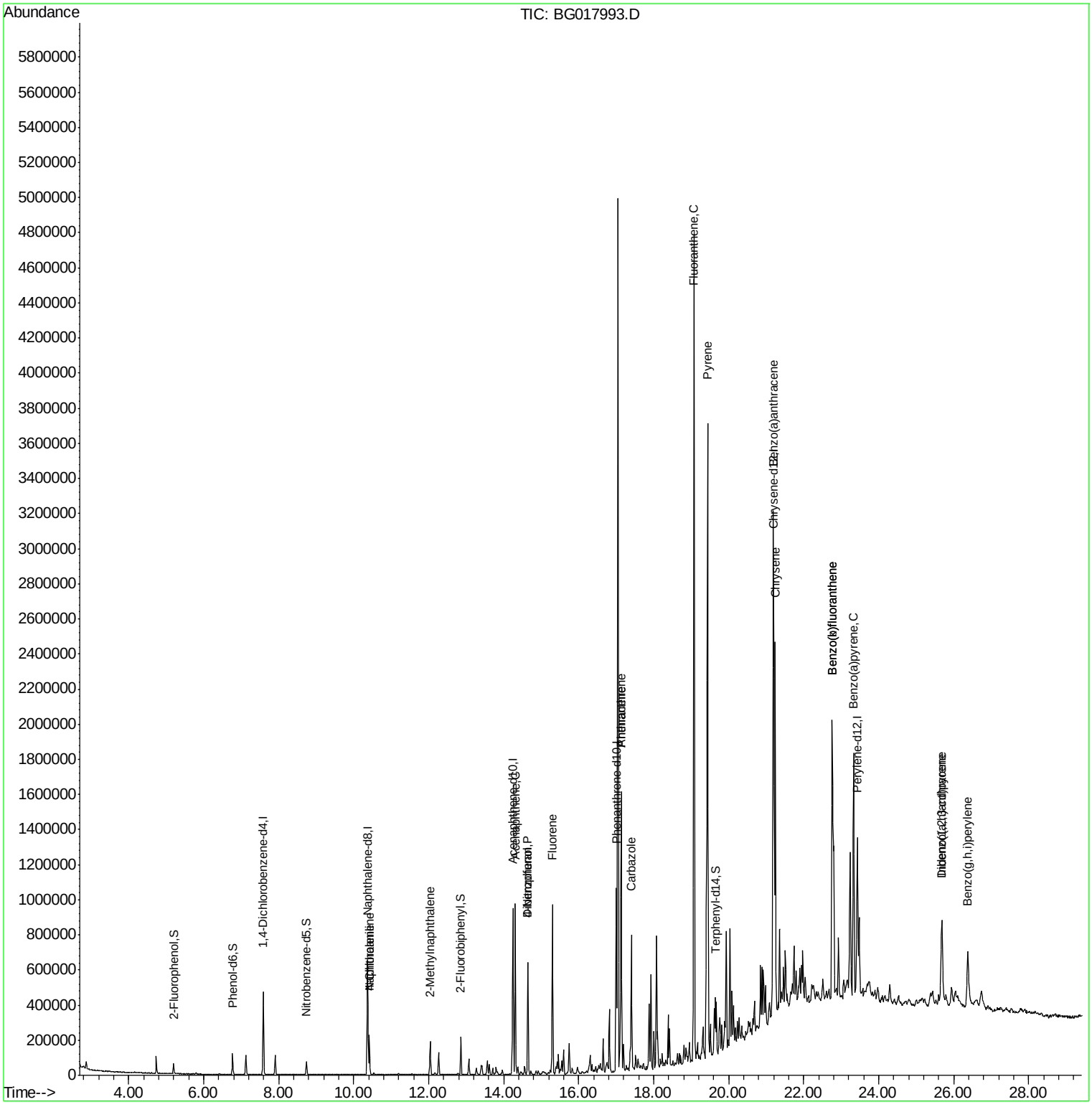
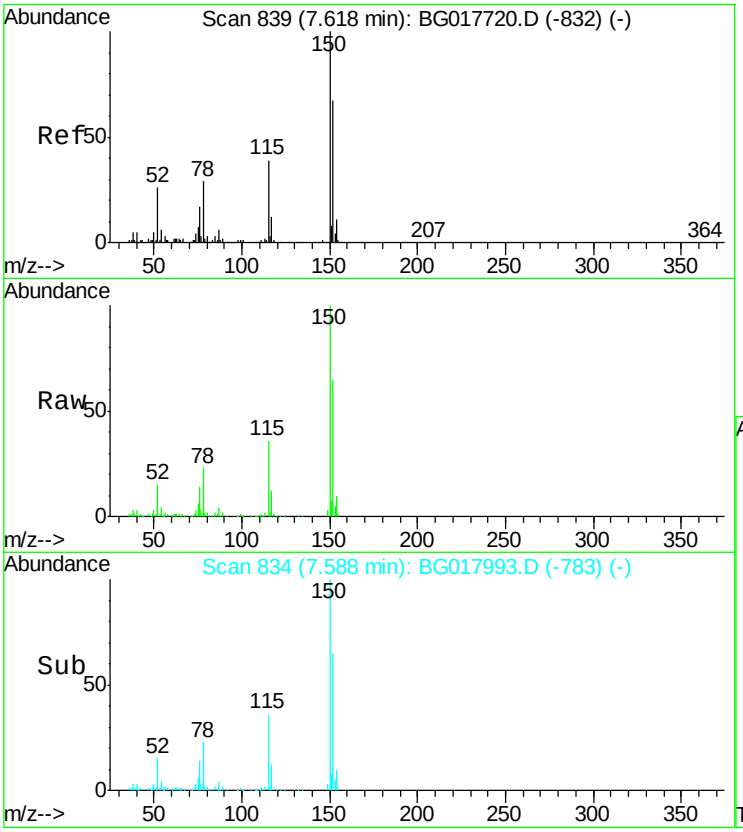


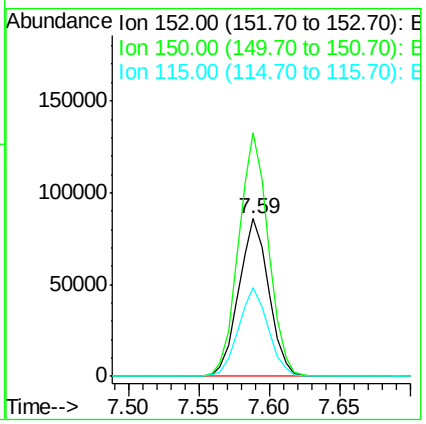


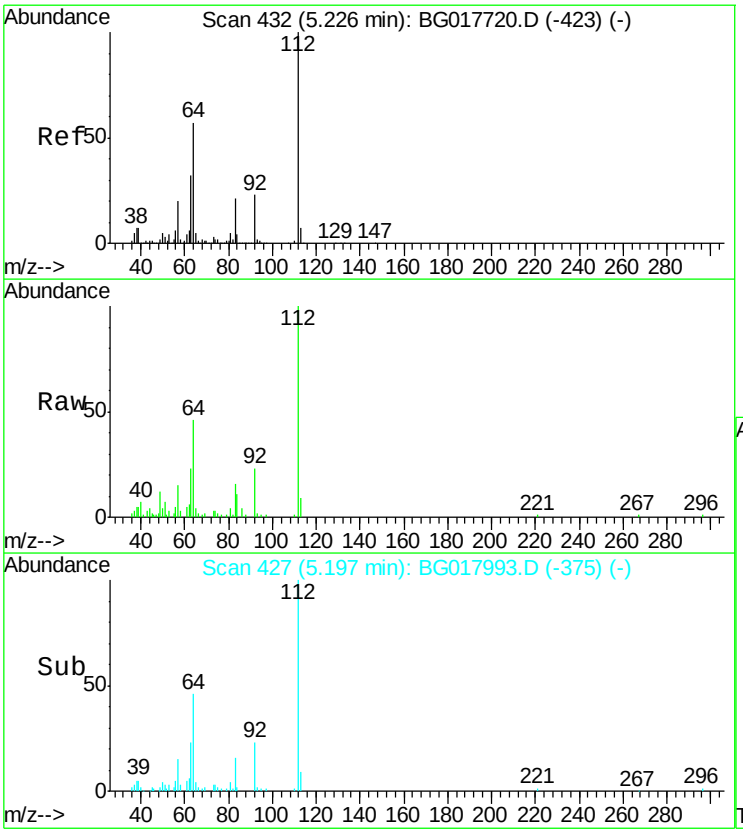
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)DL

Tgt Ion:152 Resp: 127614

Ion	Ratio	Lower	Upper
152	100		
150	154.7	119.1	178.7
115	56.4	47.0	70.4

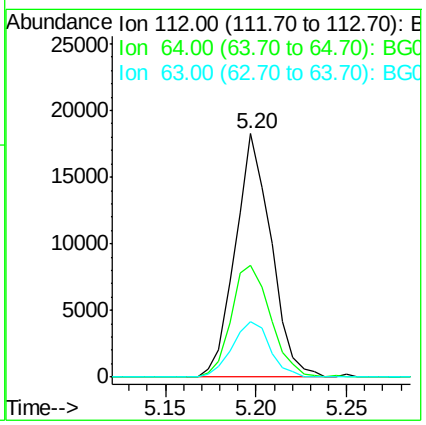


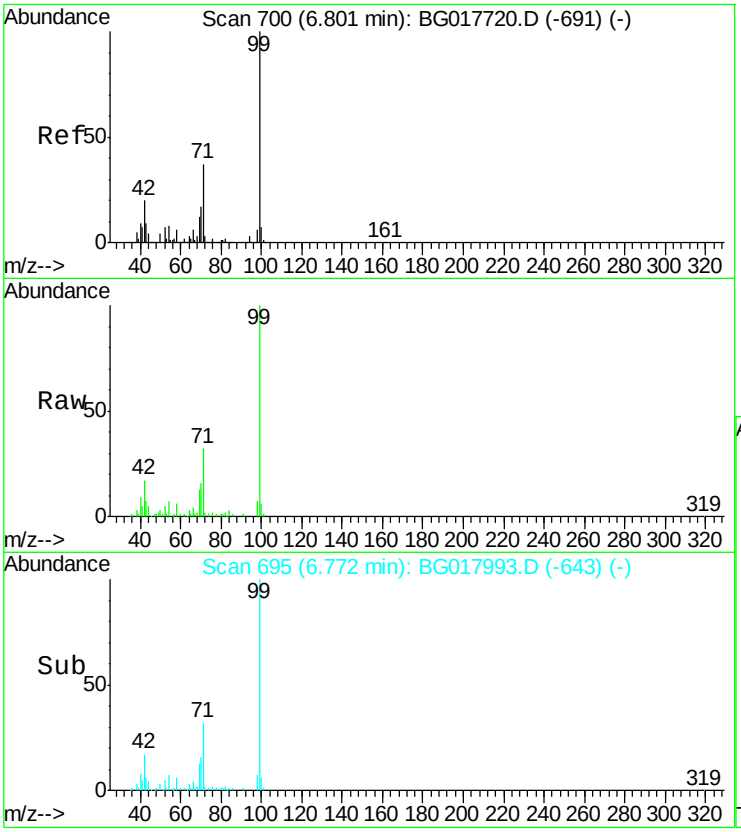


#5
2-Fluorophenol
Concen: 3.43 ng
RT: 5.20 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Tgt Ion:112 Resp: 25123

Ion	Ratio	Lower	Upper
112	100		
64	45.7	45.4	68.0
63	22.8	25.3	37.9#



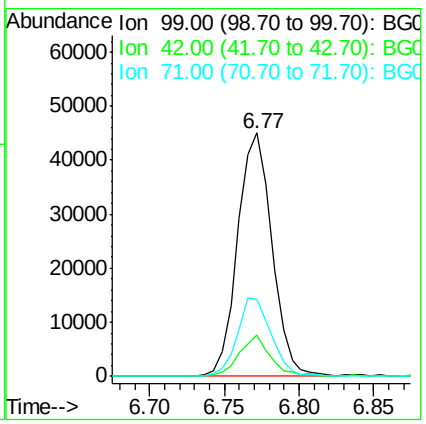


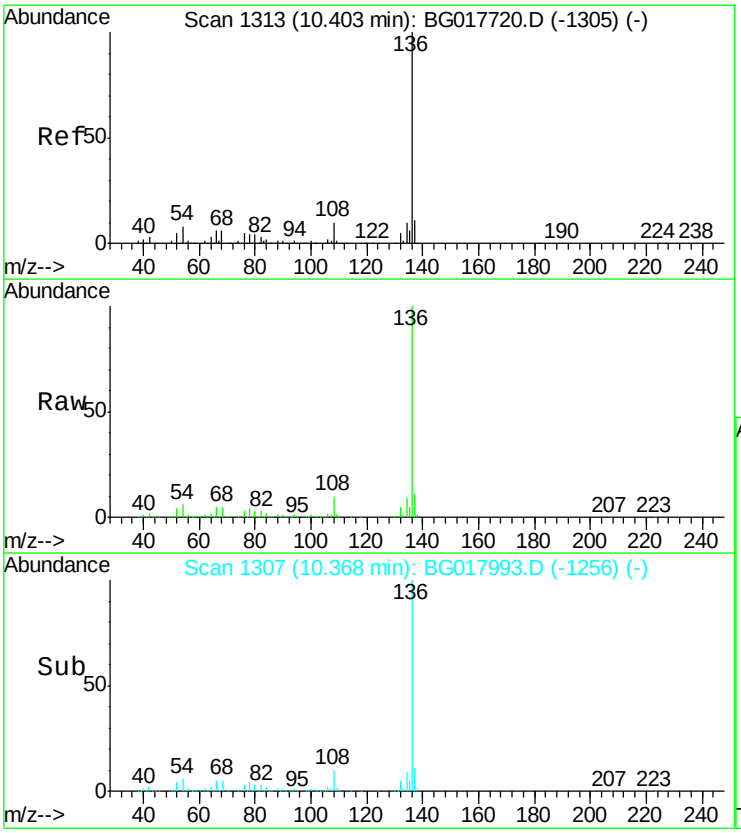
#7
Phenol-d6
Concen: 7.49 ng
RT: 6.77 min Scan# 695
Delta R.T. 0.01 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)DL

Tgt Ion: 99 Resp: 71798

Ion	Ratio	Lower	Upper
99	100		
42	16.9	16.2	24.4
71	31.9	29.5	44.3

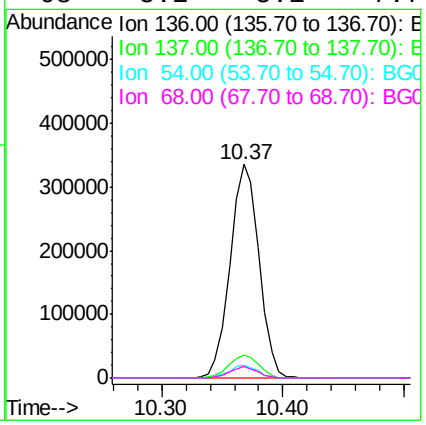


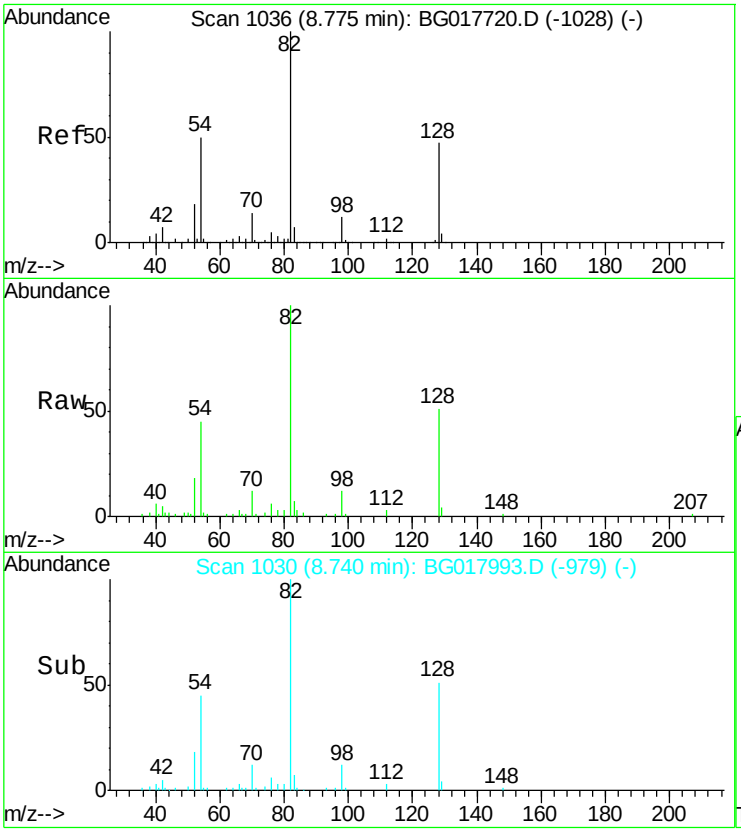


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.37 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Tgt Ion:136 Resp: 557434

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.1	6.6	9.8#
68	5.2	5.1	7.7



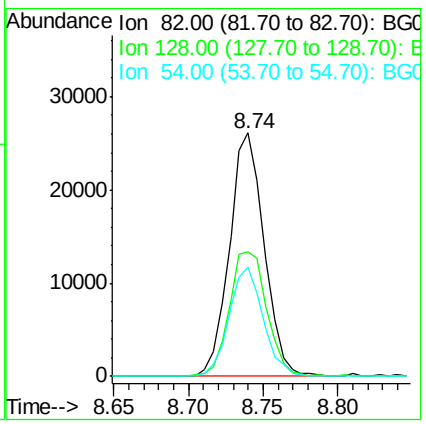


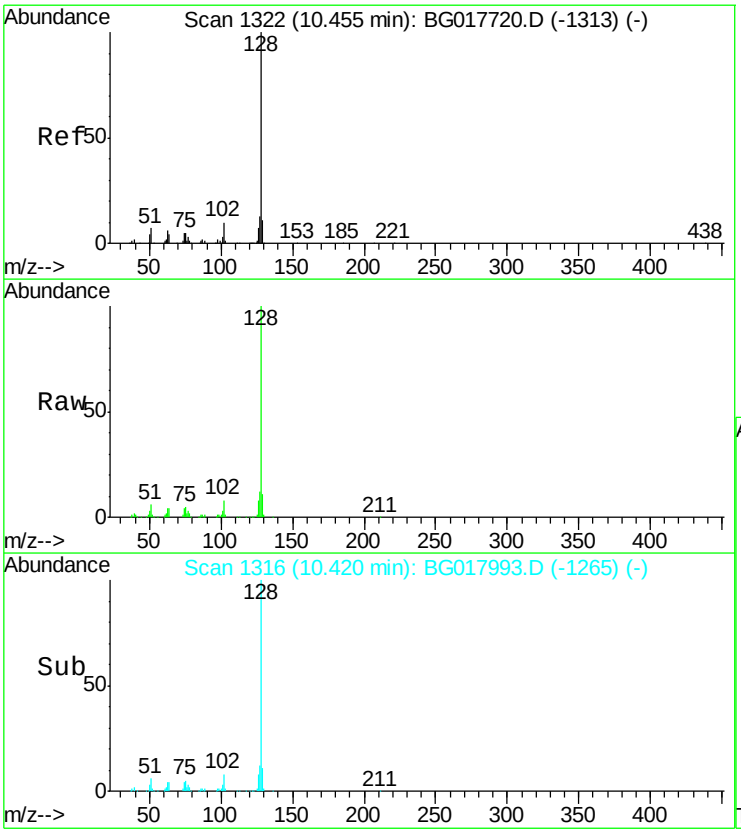
#23
Nitrobenzene-d5
Concen: 4.91 ng
RT: 8.74 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)DL

Tgt Ion: 82 Resp: 42276

Ion	Ratio	Lower	Upper
82	100		
128	51.4	37.8	56.6
54	44.7	39.9	59.9

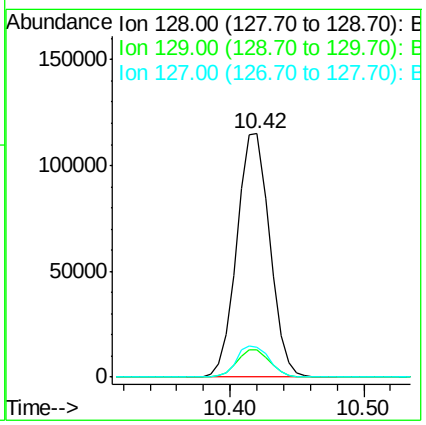


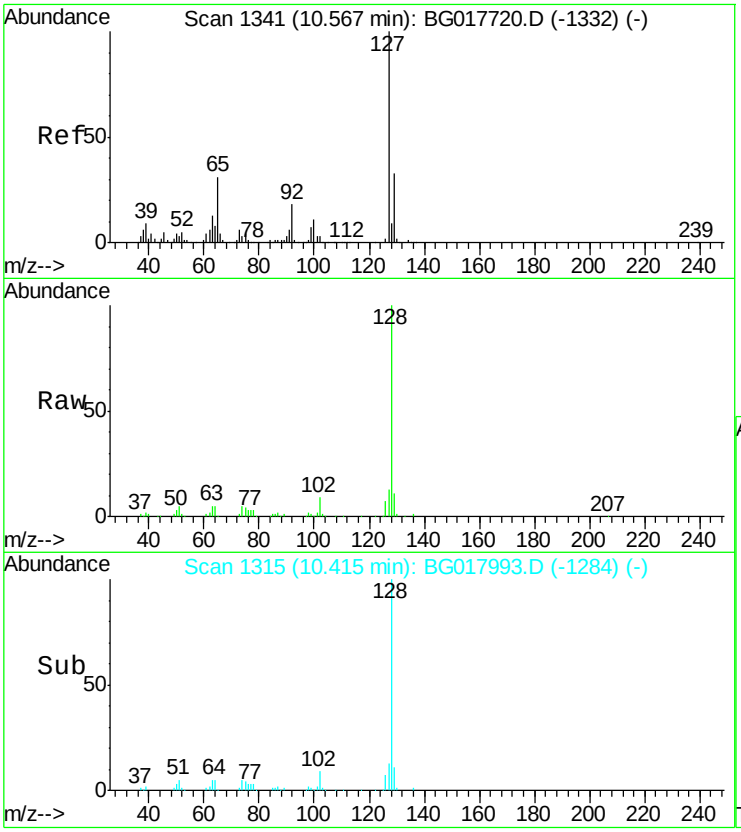


#31
Naphthalene
Concen: 7.17 ng
RT: 10.42 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Tgt Ion:128 Resp: 195740

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	12.4	10.7	16.1



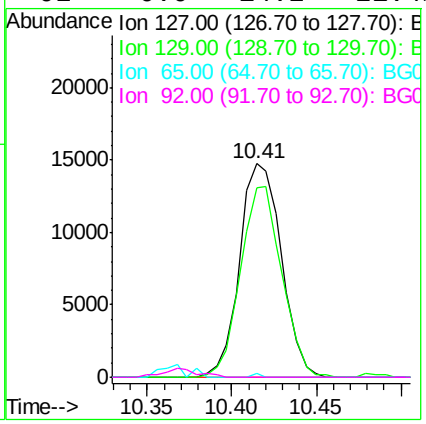


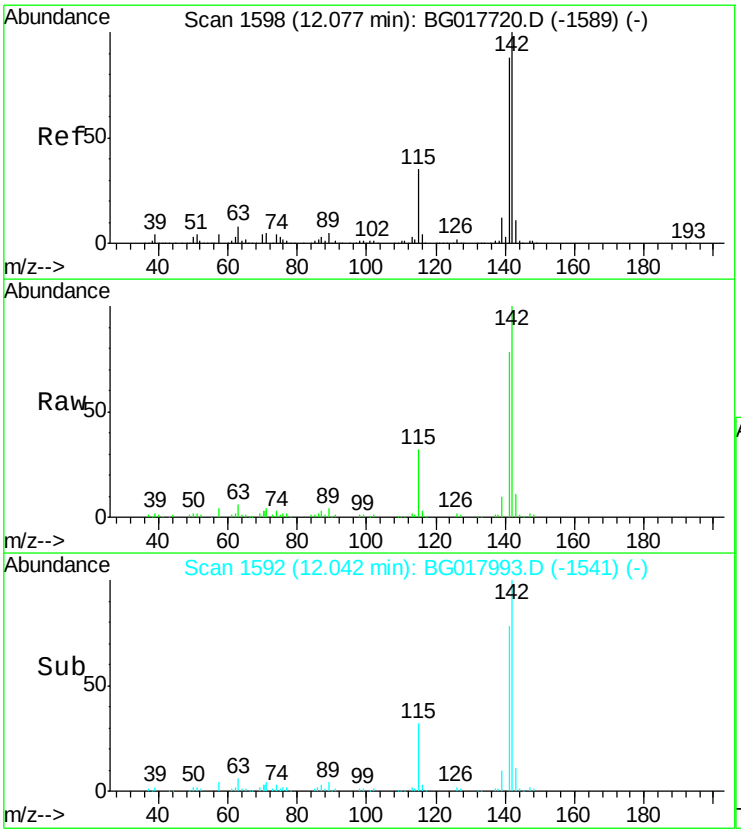
#33
4-Chloroaniline
Concen: 2.07 ng
RT: 10.41 min Scan# 1315
Delta R.T. -0.12 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)DL

Tgt Ion:127 Resp: 25161

Ion	Ratio	Lower	Upper
127	100		
129	88.7	26.7	40.1#
65	1.9	24.6	37.0#
92	0.0	14.2	21.4#

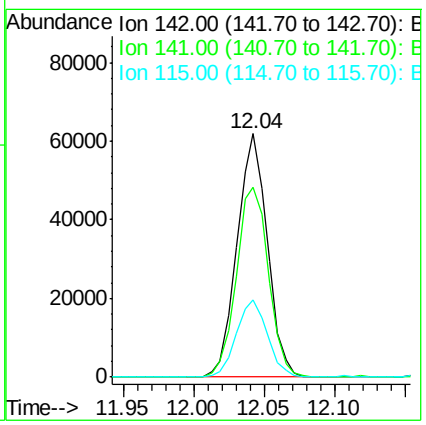


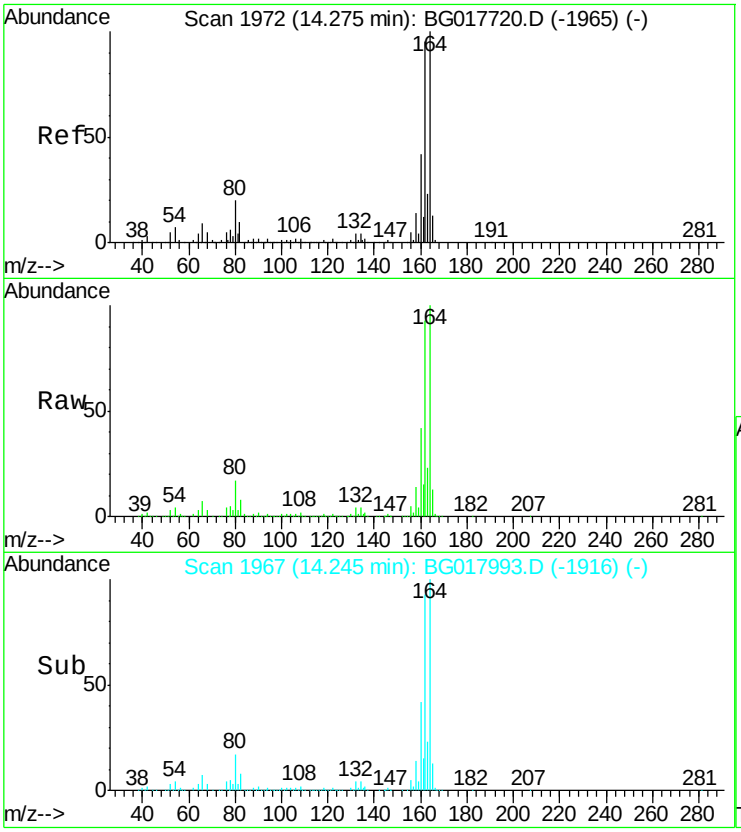


#37
2-Methylnaphthalene
Concen: 4.74 ng
RT: 12.04 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Tgt Ion:142 Resp: 92836

Ion	Ratio	Lower	Upper
142	100		
141	78.1	70.7	106.1
115	31.8	27.8	41.8



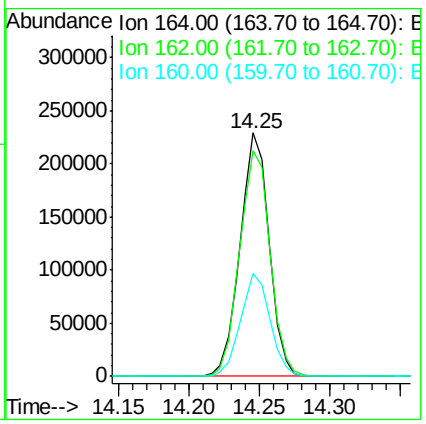


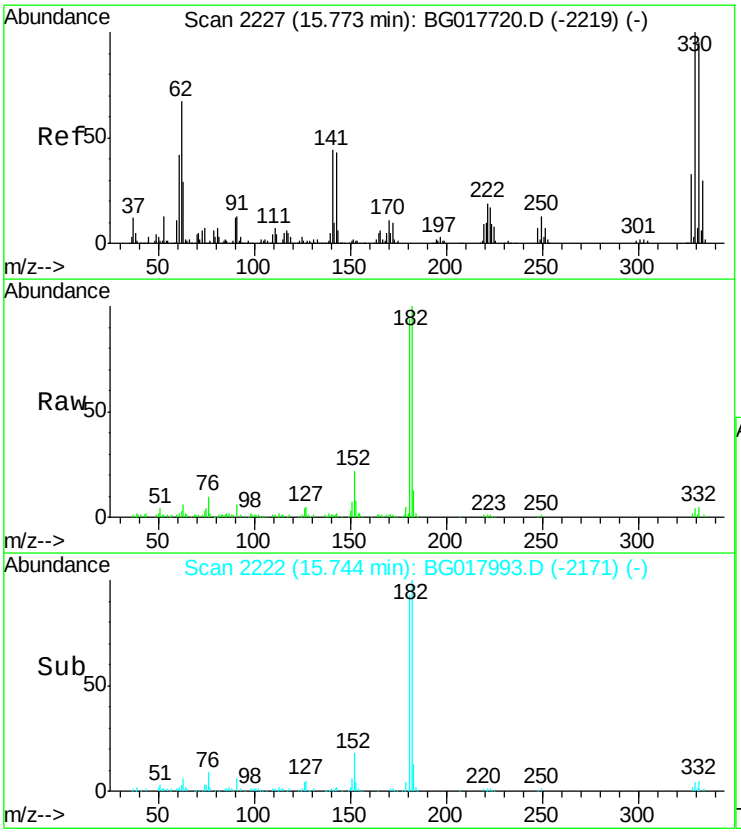
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)DL

Tgt Ion:164 Resp: 329492

Ion	Ratio	Lower	Upper
164	100		
162	93.0	76.3	114.5
160	42.3	33.7	50.5

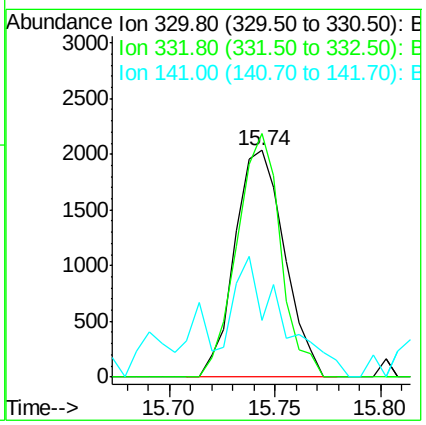


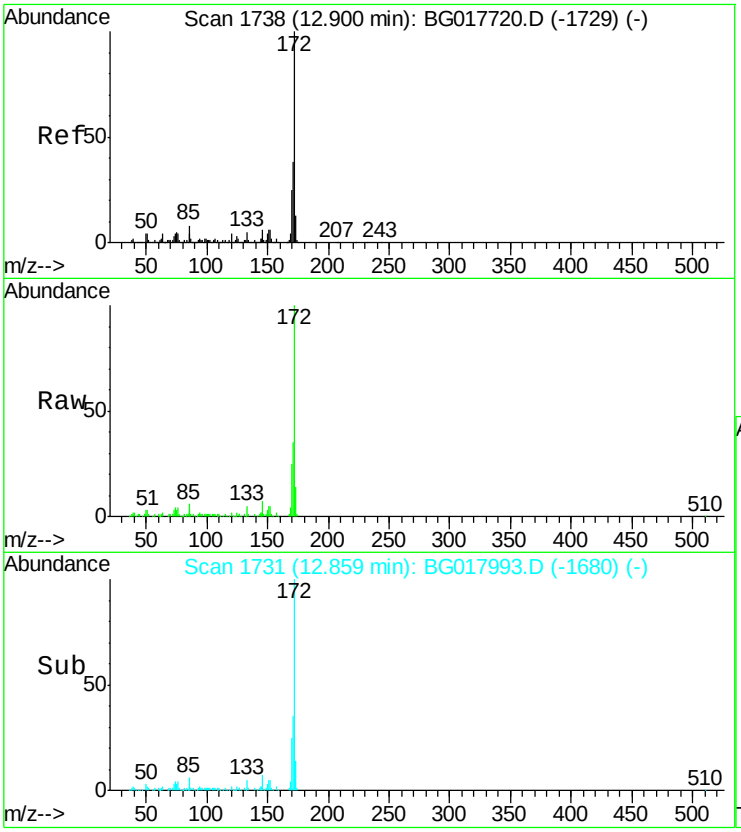


#41
2,4,6-Tribromophenol
Concen: 0.99 ng
RT: 15.74 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Tgt Ion:330 Resp: 3308

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.8	115.2
141	52.8	38.0	57.0



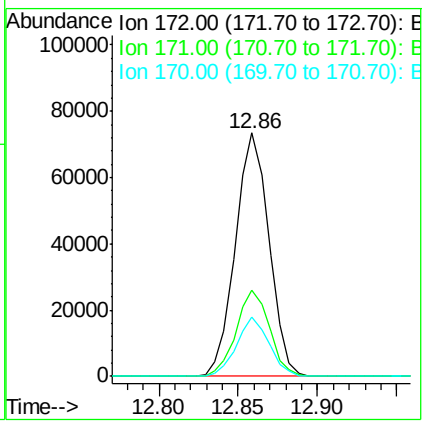


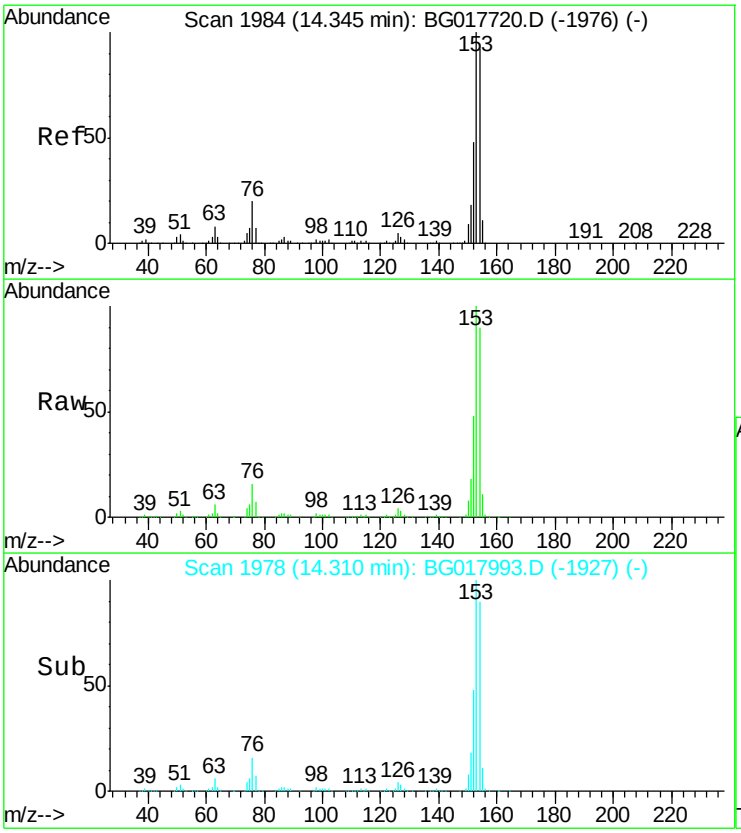
#44
2-Fluorobiphenyl
Concen: 5.68 ng
RT: 12.86 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)DL

Tgt Ion:172 Resp: 107912

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.7	46.1
170	24.5	19.7	29.5

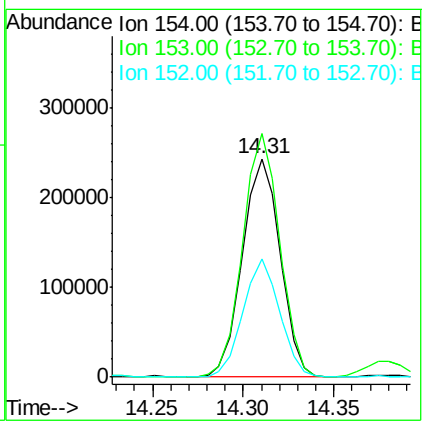


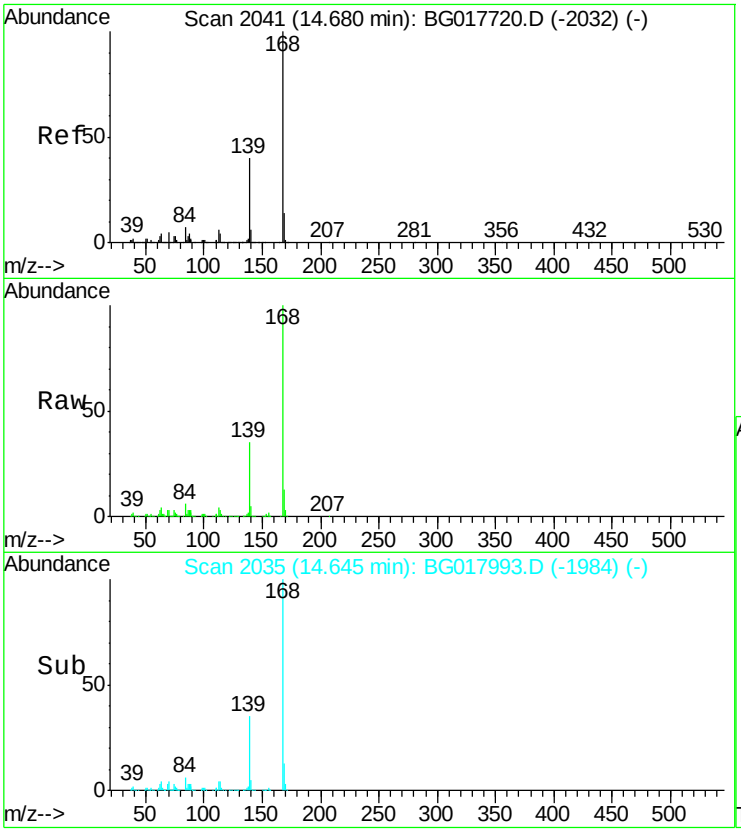


#51
Acenaphthene
Concen: 18.67 ng
RT: 14.31 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Tgt Ion:154 Resp: 352502

Ion	Ratio	Lower	Upper
154	100		
153	111.5	87.0	130.4
152	54.0	41.4	62.0



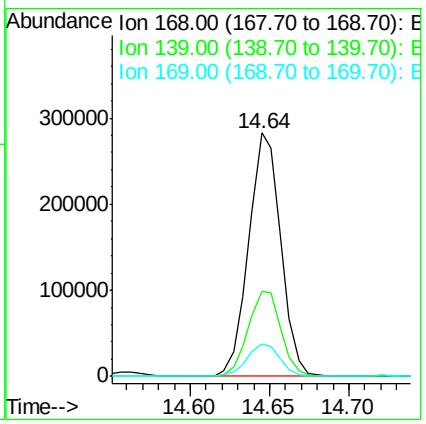


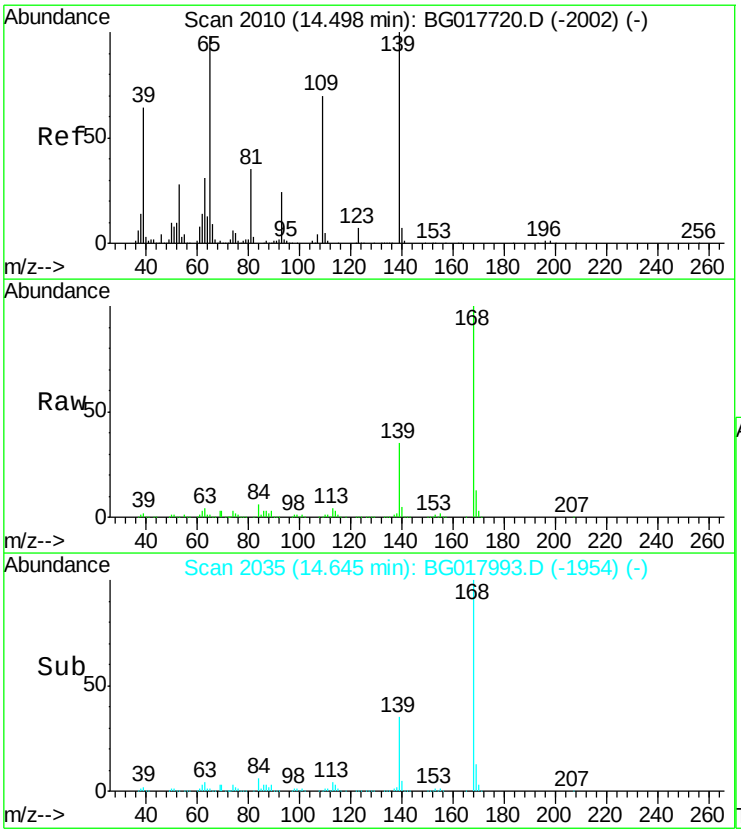
#54
Dibenzofuran
Concen: 14.60 ng
RT: 14.64 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)DL

Tgt Ion:168 Resp: 397622

Ion	Ratio	Lower	Upper
168	100		
139	34.9	32.2	48.2
169	13.1	11.3	16.9

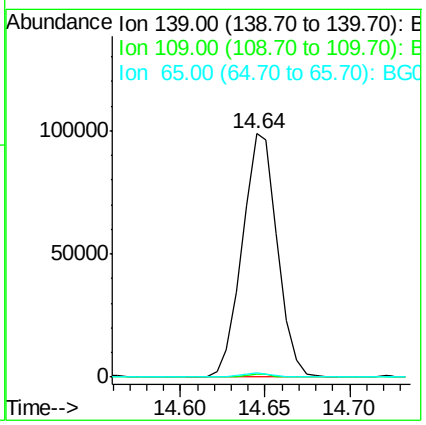


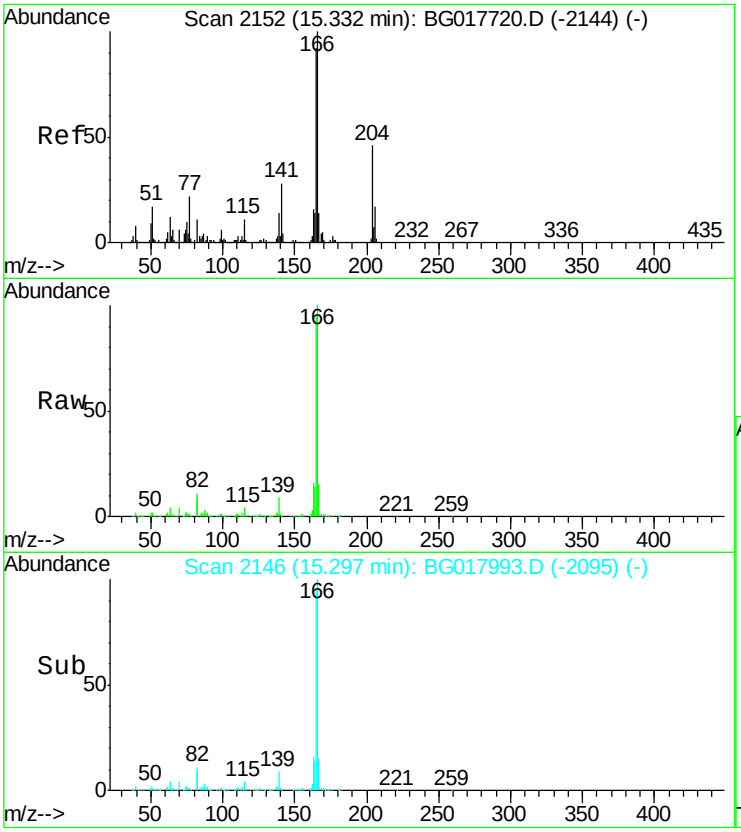


#55
4-Nitrophenol
Concen: 30.89 ng
RT: 14.64 min Scan# 2035
Delta R.T. 0.18 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Tgt Ion:139 Resp: 142472

Ion	Ratio	Lower	Upper
139	100		
109	1.0	50.3	90.3#
65	1.6	78.8	118.8#



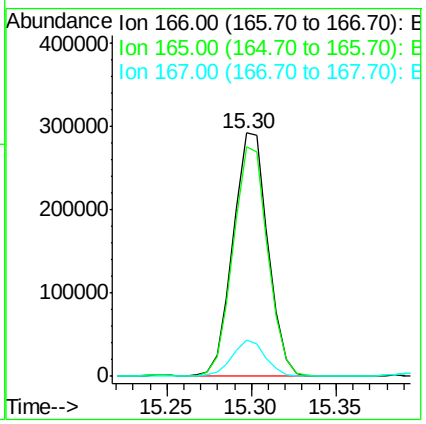


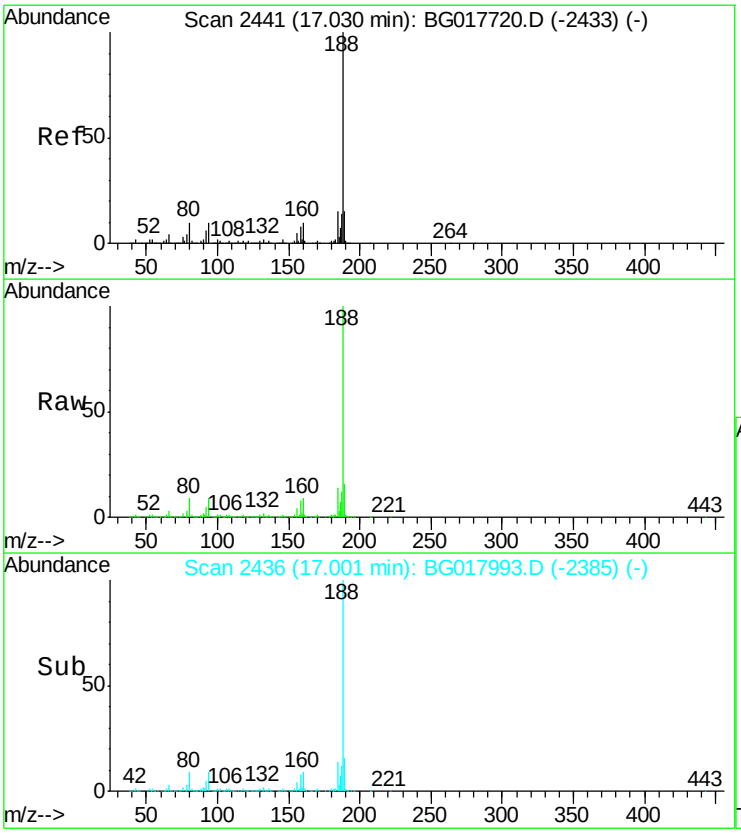
#57
Fluorene
Concen: 17.91 ng
RT: 15.30 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)DL

Tgt Ion:166 Resp: 419394

Ion	Ratio	Lower	Upper
166	100		
165	94.5	73.4	110.0
167	14.8	11.0	16.6

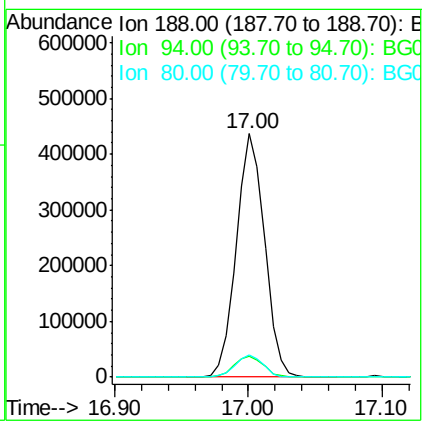


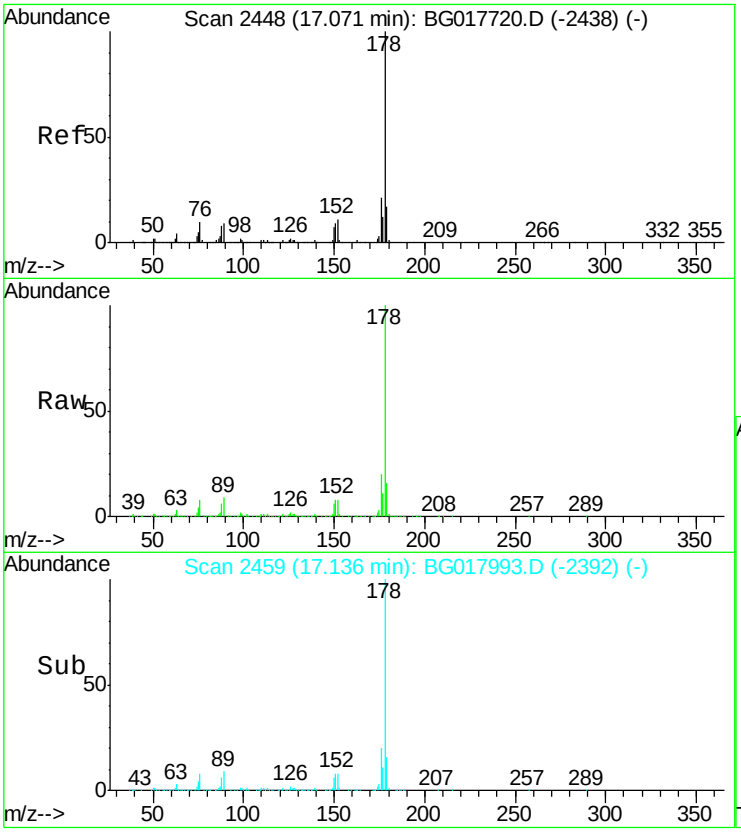


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.00 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Tgt Ion:188 Resp: 639133

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	9.1	8.2	12.4



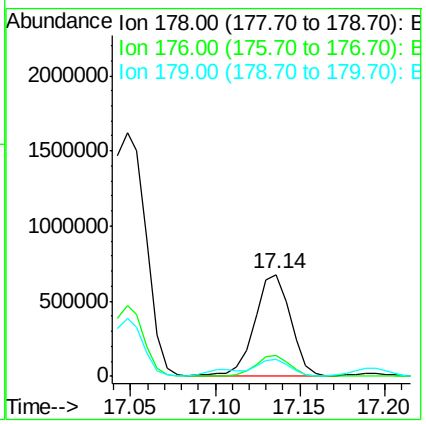


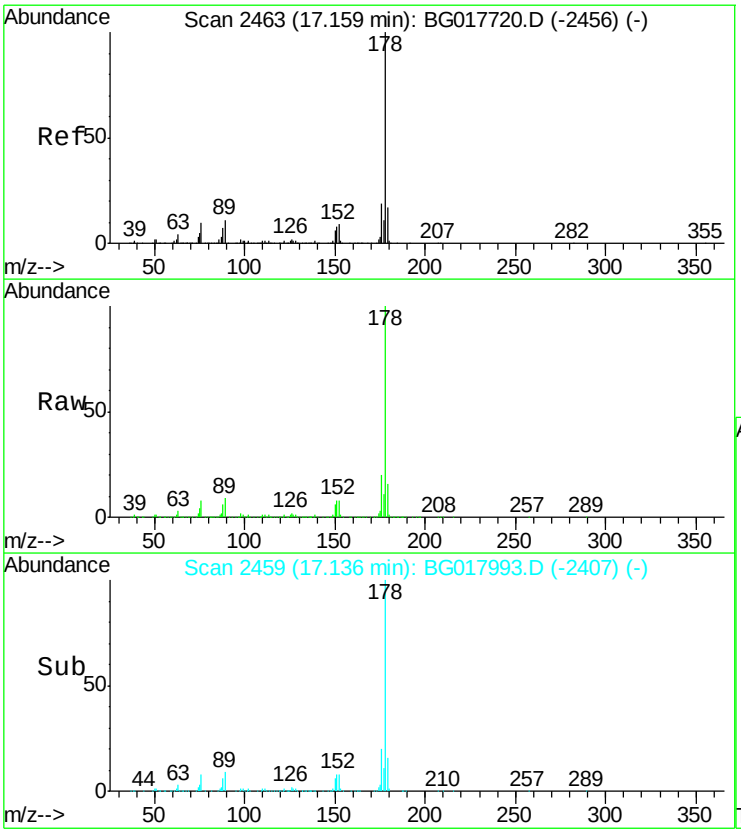
#70
Phenanthrene
Concen: 29.95 ng
RT: 17.14 min Scan# 2459
Delta R.T. 0.09 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)DL

Tgt Ion:178 Resp: 987322

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.5	24.7
179	16.4	13.5	20.3

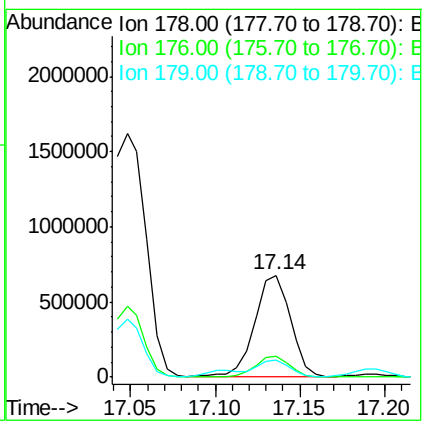


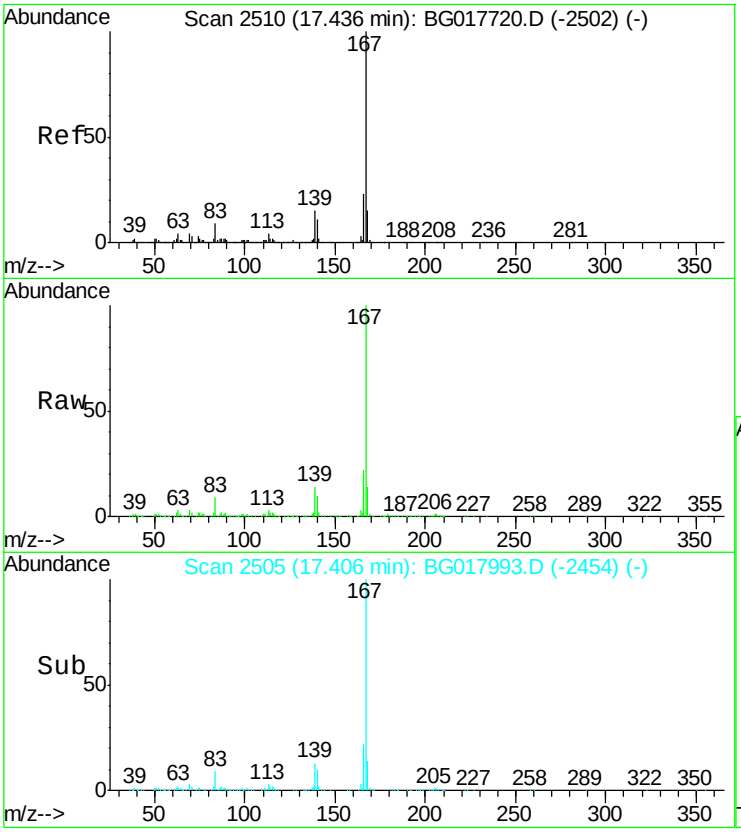


#71
Anthracene
Concen: 30.78 ng
RT: 17.14 min Scan# 2459
Delta R.T. 0.01 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Tgt Ion:178 Resp: 987322

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.2	22.8
179	16.4	13.6	20.4



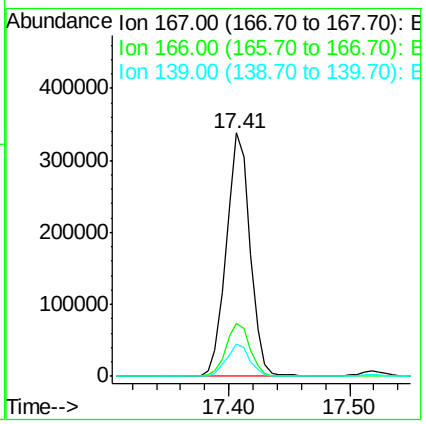


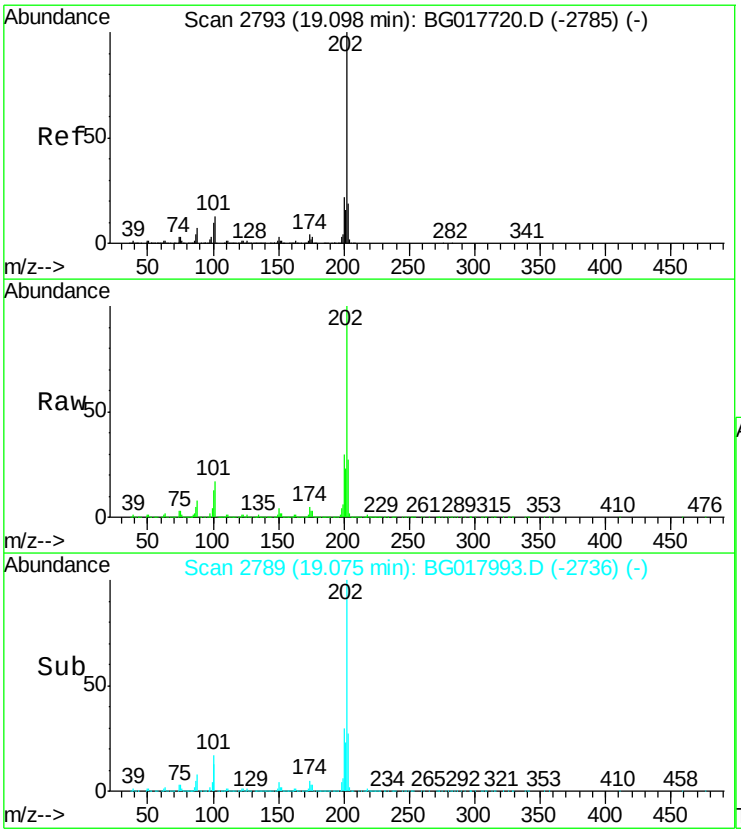
#72
Carbazole
Concen: 15.30 ng
RT: 17.41 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)DL

Tgt Ion:167 Resp: 463813

Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.3	27.5
139	13.5	11.9	17.9

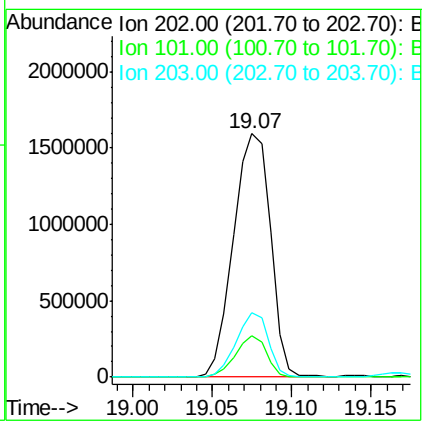


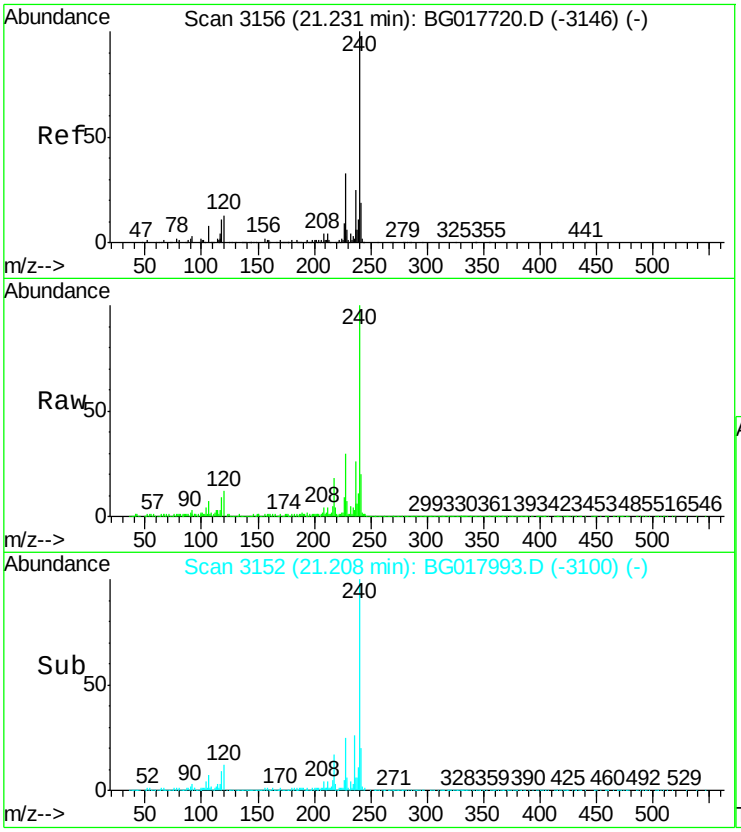


#74
Fluoranthene
Concen: 71.62 ng
RT: 19.07 min Scan# 2789
Delta R.T. 0.01 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Tgt Ion:202 Resp: 2584917

Ion	Ratio	Lower	Upper
202	100		
101	16.8	0.0	33.3
203	26.7	0.0	39.5



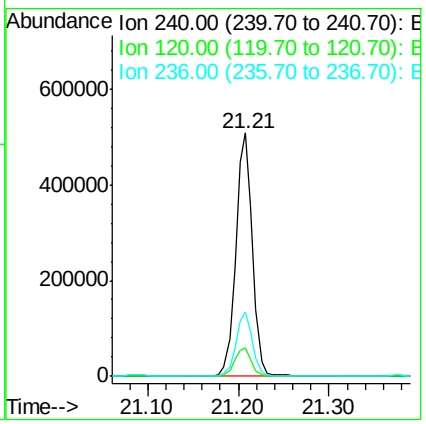


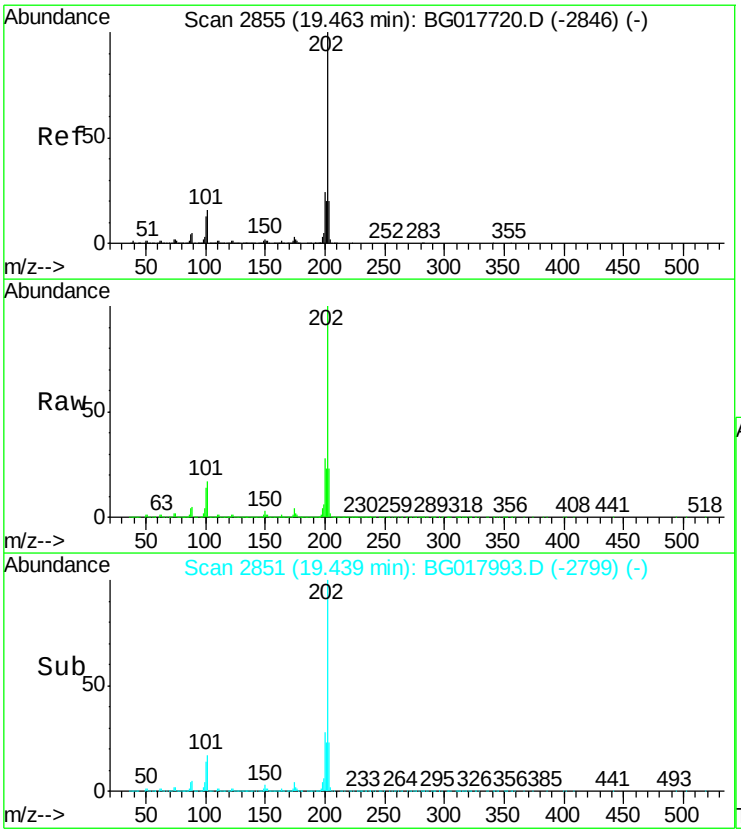
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3152
Delta R.T. 0.01 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)DL

Tgt Ion:240 Resp: 646121

Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.8	16.2
236	26.3	20.0	30.0

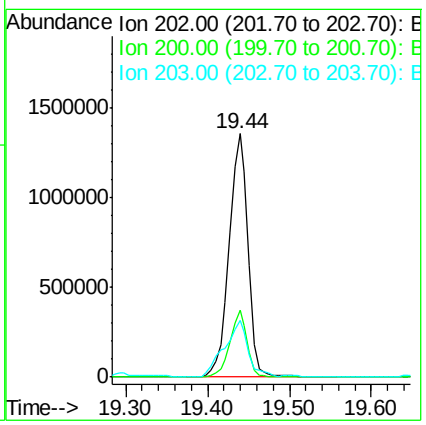


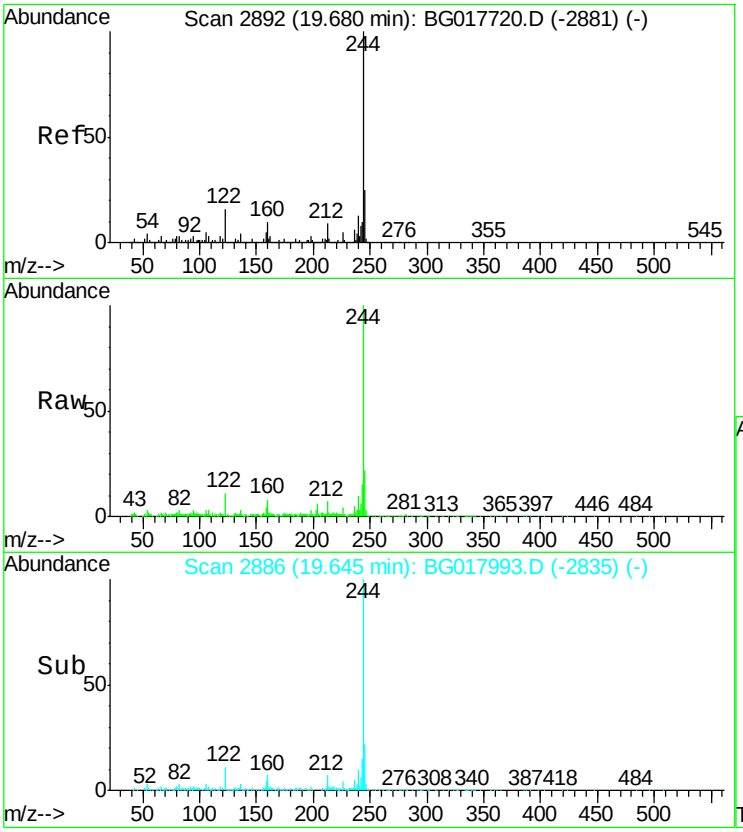


#77
Pyrene
Concen: 60.30 ng
RT: 19.44 min Scan# 2851
Delta R.T. 0.01 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Tgt Ion:202 Resp: 2173007

Ion	Ratio	Lower	Upper
202	100		
200	27.6	18.8	28.2
203	23.3	15.9	23.9



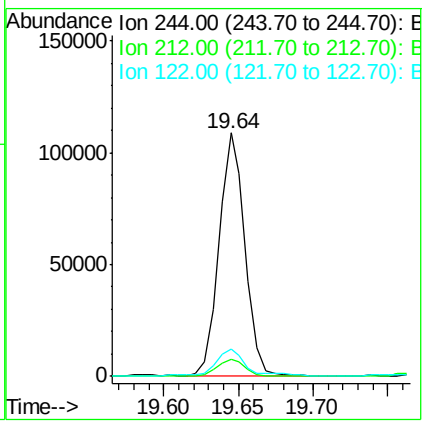


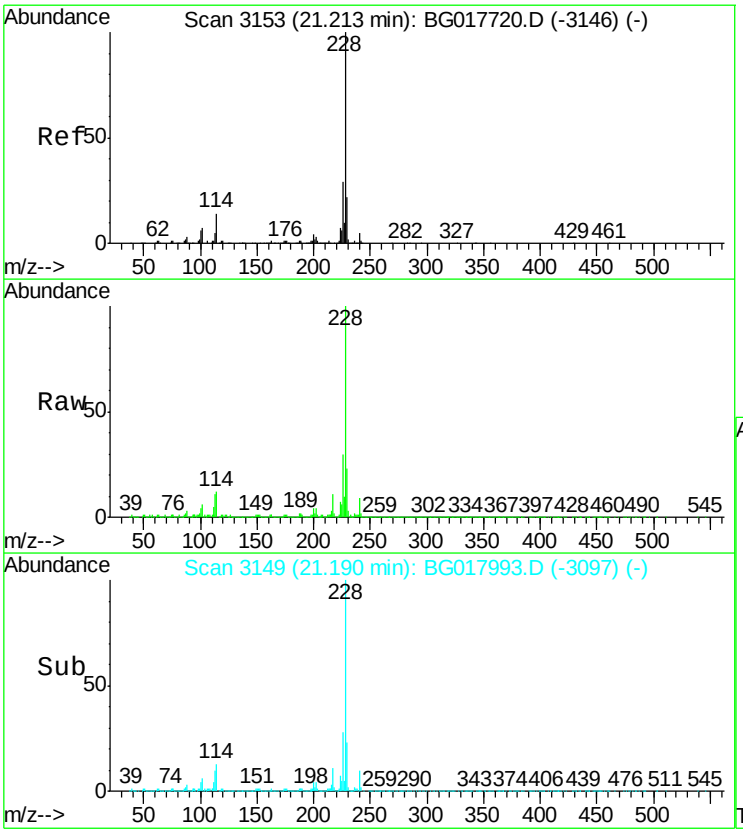
#78
Terphenyl-d14
Concen: 5.14 ng
RT: 19.64 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)DL

Tgt Ion:244 Resp: 131847

Ion	Ratio	Lower	Upper
244	100		
212	6.8	7.2	10.8#
122	11.1	12.8	19.2#

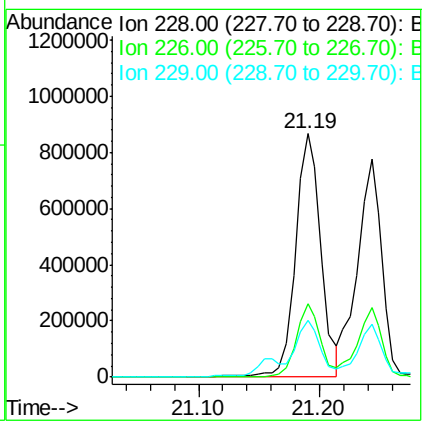


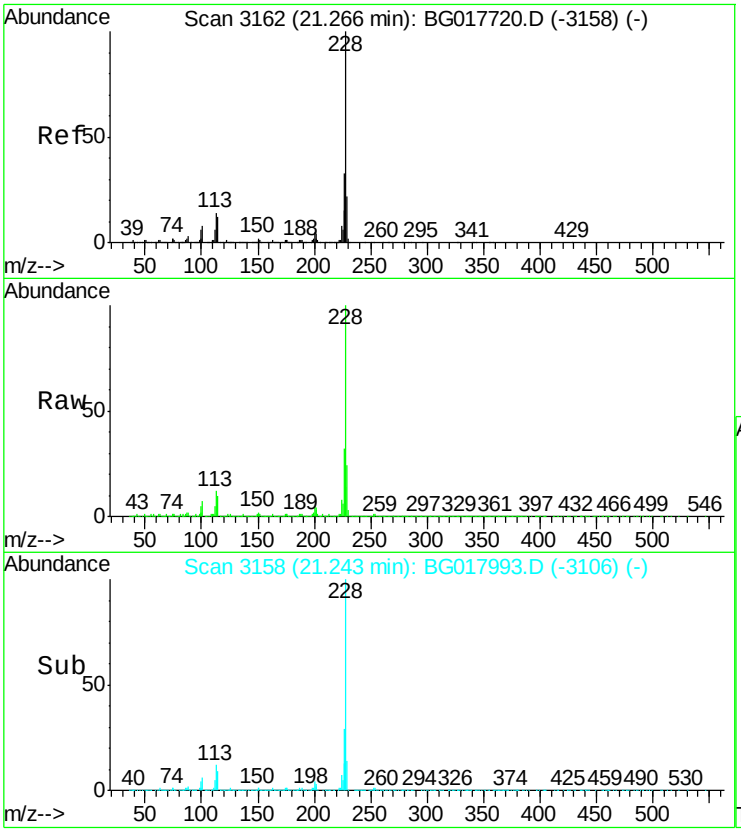


#80
Benzo(a)anthracene
Concen: 36.74 ng
RT: 21.19 min Scan# 3149
Delta R.T. 0.01 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Tgt Ion:228 Resp: 1253756

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.1	34.7
229	23.3	17.4	26.0



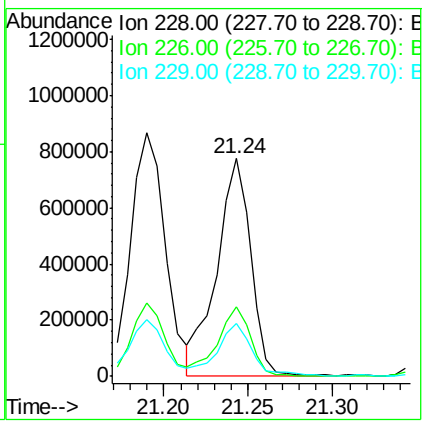


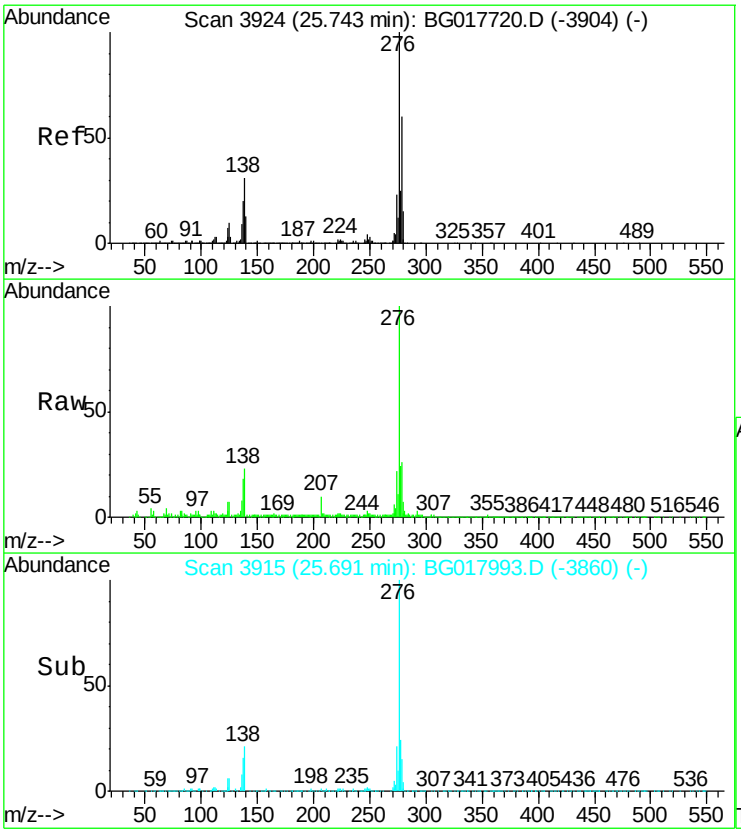
#82
Chrysene
Concen: 32.97 ng
RT: 21.24 min Scan# 3158
Delta R.T. 0.01 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)DL

Tgt Ion:228 Resp: 1071602

Ion	Ratio	Lower	Upper
228	100		
226	31.9	26.1	39.1
229	24.1	17.7	26.5

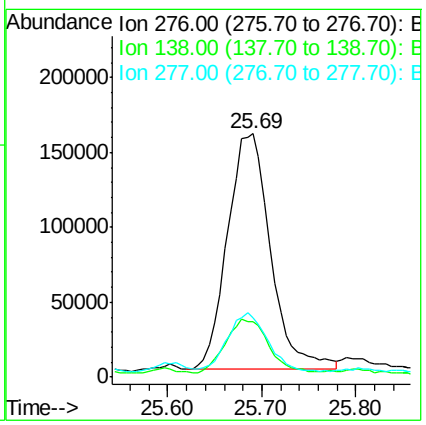


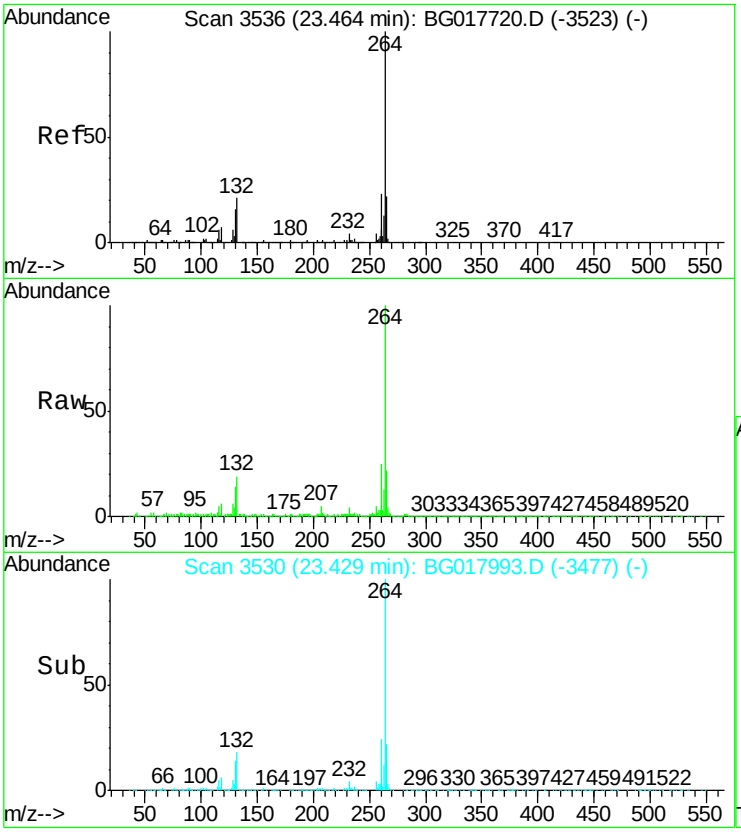


#85
Indeno(1,2,3-cd)pyrene
Concen: 12.69 ng
RT: 25.69 min Scan# 3915
Delta R.T. 0.02 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Tgt Ion:276 Resp: 498868

Ion	Ratio	Lower	Upper
276	100		
138	23.2	25.4	38.0#
277	23.4	21.0	31.4



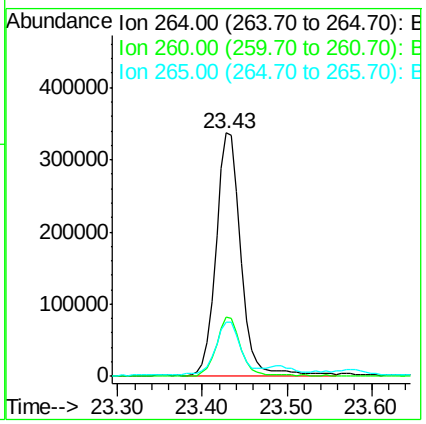


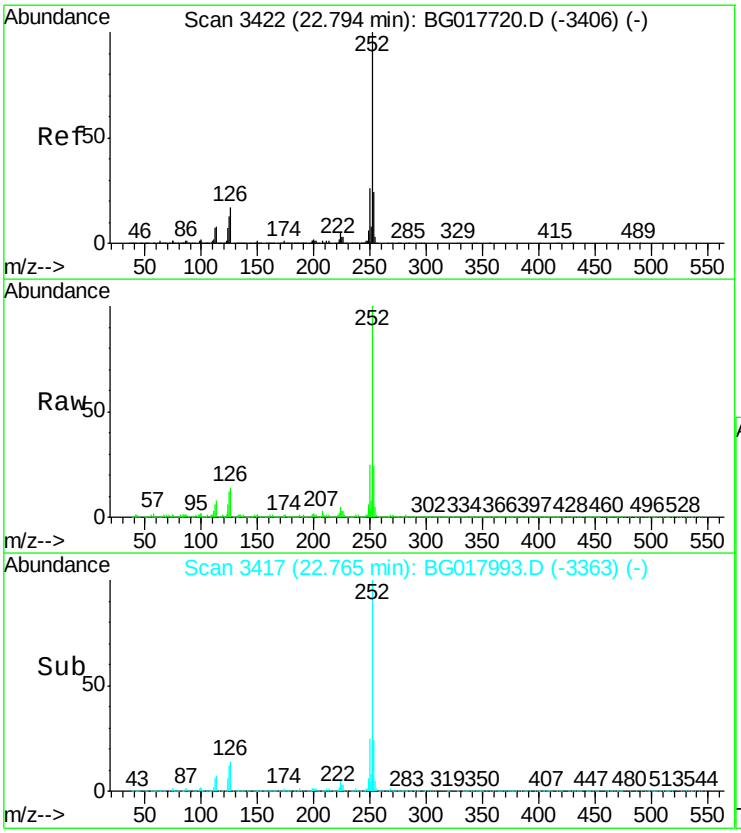
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.43 min Scan# 3530
Delta R.T. 0.01 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)DL

Tgt Ion:264 Resp: 679625

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	22.4	18.2	27.2

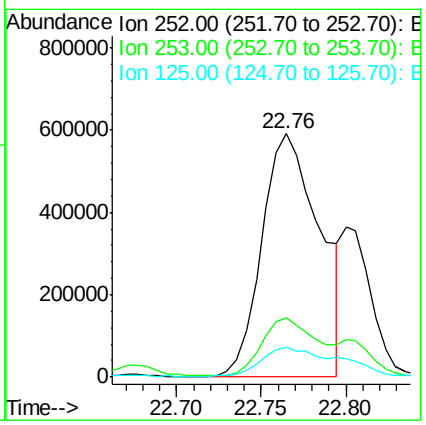


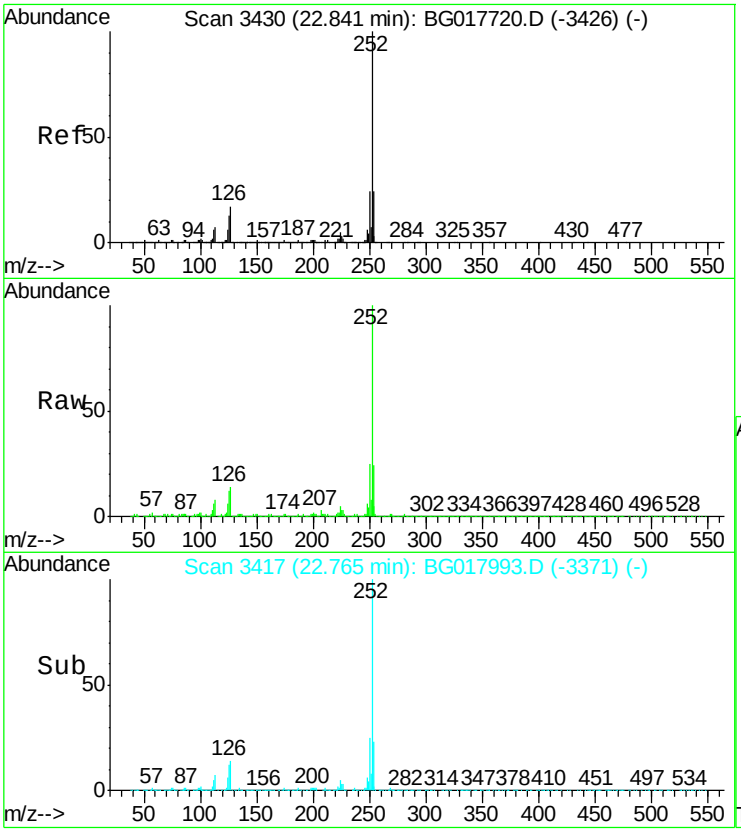


#87
Benzo(b)fluoranthene
Concen: 37.47 ng
RT: 22.76 min Scan# 3417
Delta R.T. 0.02 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Tgt Ion:252 Resp: 1393382

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.7	29.5
125	12.2	10.6	15.8



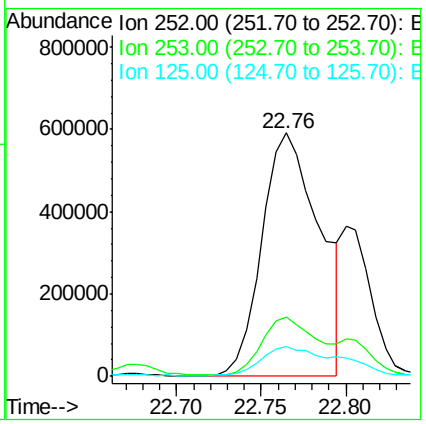


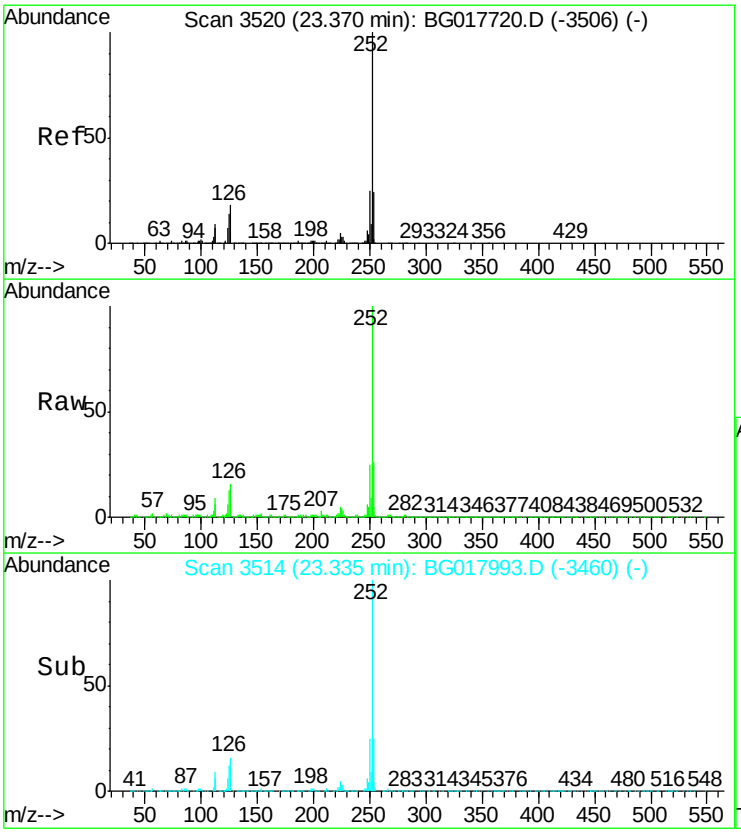
#88
Benzo(k)fluoranthene
Concen: 37.53 ng
RT: 22.76 min Scan# 3417
Delta R.T. -0.03 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)DL

Tgt Ion:252 Resp: 1393382

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.0	28.6
125	12.2	10.3	15.5

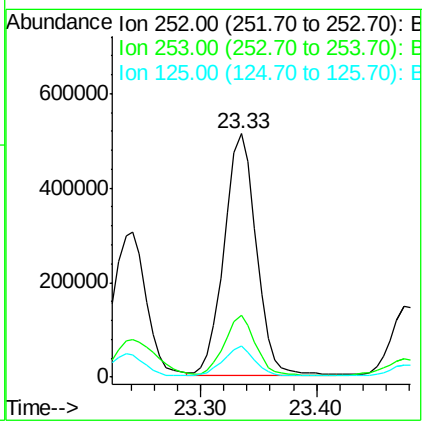


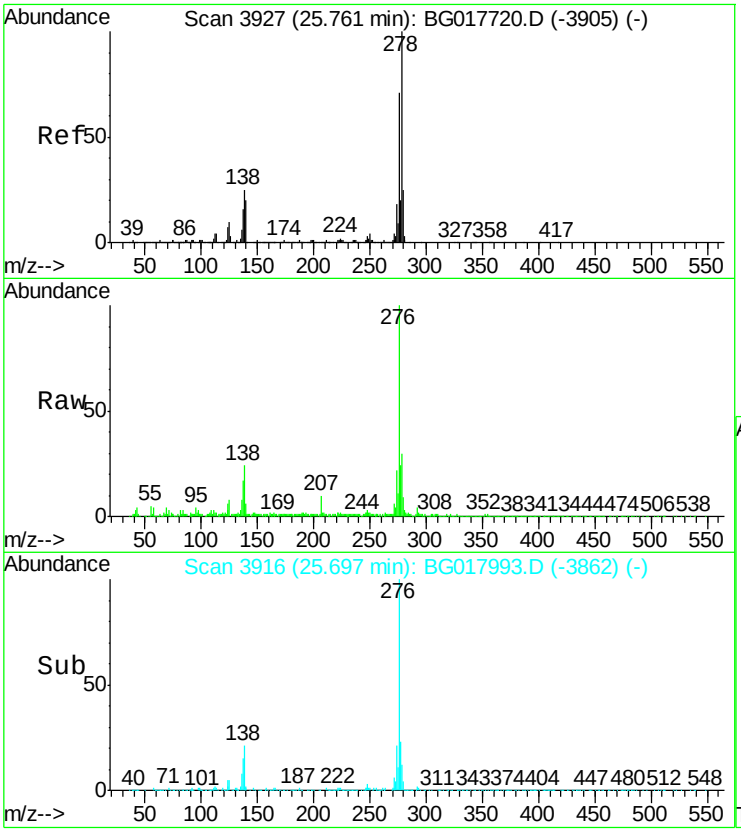


#89
Benzo(a)pyrene
Concen: 28.65 ng
RT: 23.33 min Scan# 3514
Delta R.T. 0.02 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Tgt Ion:252 Resp: 992675

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.0	28.6
125	12.5	11.1	16.7



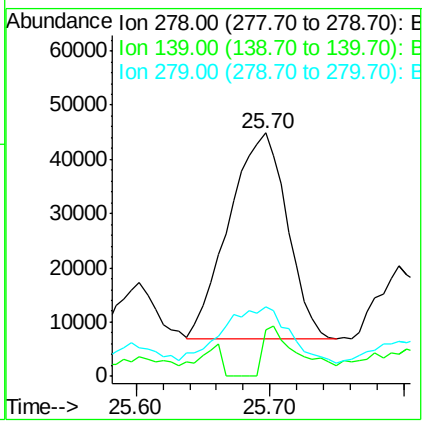


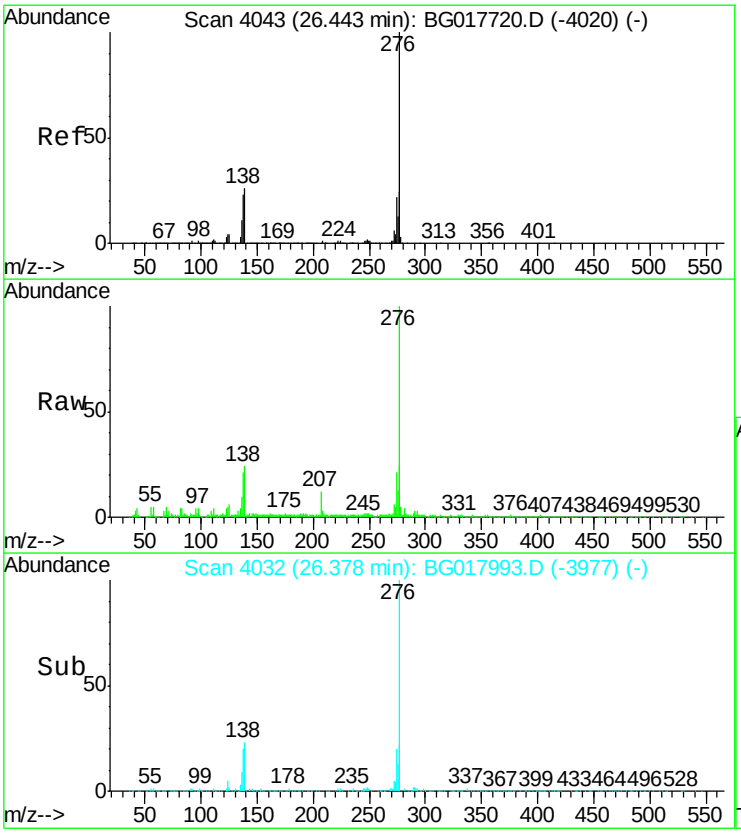
#90
Dibenzo(a,h)anthracene
Concen: 3.20 ng
RT: 25.70 min Scan# 3916
Delta R.T. 0.02 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)DL

Tgt Ion:278 Resp: 115010

Ion	Ratio	Lower	Upper
278	100		
139	19.1	16.2	24.2
279	28.8	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 12.63 ng
RT: 26.38 min Scan# 4032
Delta R.T. 0.02 min
Lab File: BG017993.D
Acq: 20 Jul 2015 17:39

Tgt Ion:276 Resp: 437454

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	24.0	20.8	31.2