Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042815\
Data File : BG016773.D
Acq On : 28 Apr 2015 20:11
Operator : TP/IZ
Sample : G2022-06 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-02-COMP

Quant Time: Apr 29 01:14:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 00:55:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	65409	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	291302	20.00	ng		0.00
38) Acenaphthene-d10	14.22	164	161497	20.00	ng		0.00
63) Phenanthrene-d10	16.98	188	289428	20.00	ng		0.00
75) Chrysene-d12	21.18	240	209821	20.00	ng		0.02
86) Perylene-d12	23.39	264	249657	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	91612	22.73	ng		0.00
7) Phenol-d6	6.77	99	128016	22.64	ng		0.00
23) Nitrobenzene-d5	8.72	82	65377	14.18	ng		0.00
41) 2,4,6-Tribromophenol	15.72	330	25236	21.06	ng		0.00
44) 2-Fluorobiphenyl	12.84	172	167108	16.62	ng		0.00
78) Terphenyl-d14	19.61	244	170139	18.68	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.40	128	664115	43.24	ng		100
32) Benzoic acid	9.86	122	114	8.89	ng	#	30
33) 4-Chloroaniline	10.40	127	89891	12.70	ng	#	38
37) 2-Methylnaphthalene	12.02	142	297907	26.85	ng		99
45) 1,1'-Biphenyl	13.05	154	118604	9.35	ng		97
48) Acenaphthylene	13.95	152	260388	15.25	ng		97
51) Acenaphthene	14.29	154	658319	64.23	ng		99
54) Dibenzofuran	14.63	168	1045661	72.33	ng		98
55) 4-Nitrophenol	14.63	139	394290	146.85	ng	#	23
57) Fluorene	15.28	166	1269693	100.48	ng		99
61) 4-Nitroaniline	15.28	138	15639	3.95	ng	#	32
70) Phenanthrene	17.05	178	5665030	340.71	ng	#	54
71) Anthracene	17.12	178	2476455	149.74	ng	#	83
72) Carbazole	17.38	167	868486	52.42	ng		99
74) Fluoranthene	19.08	202	5923674	336.22	ng		63
77) Pyrene	19.44	202	5255942	356.56	ng	#	58
80) Benzo(a)anthracene	21.17	228	3487819	274.14	ng	#	75
81) 3,3'-Dichlorobenzidine	21.21	252	26216	6.32	ng	#	1
82) Chrysene	21.23	228	3099350	254.10	ng	#	74
85) Indeno(1,2,3-cd)pyrene	25.66	276	2247414	169.06	ng		91
87) Benzo(b)fluoranthene	22.74	252	4148623	273.57	ng	#	83
88) Benzo(k)fluoranthene	22.74	252	4148623	280.33	ng	#	82
89) Benzo(a)pyrene	23.32	252	3208551	224.53	ng	#	85
90) Dibenzo(a,h)anthracene	25.64	278	656265	47.23	ng	#	65
91) Benzo(g,h,i)perylene	26.35	276	1999856	141.45	ng		97

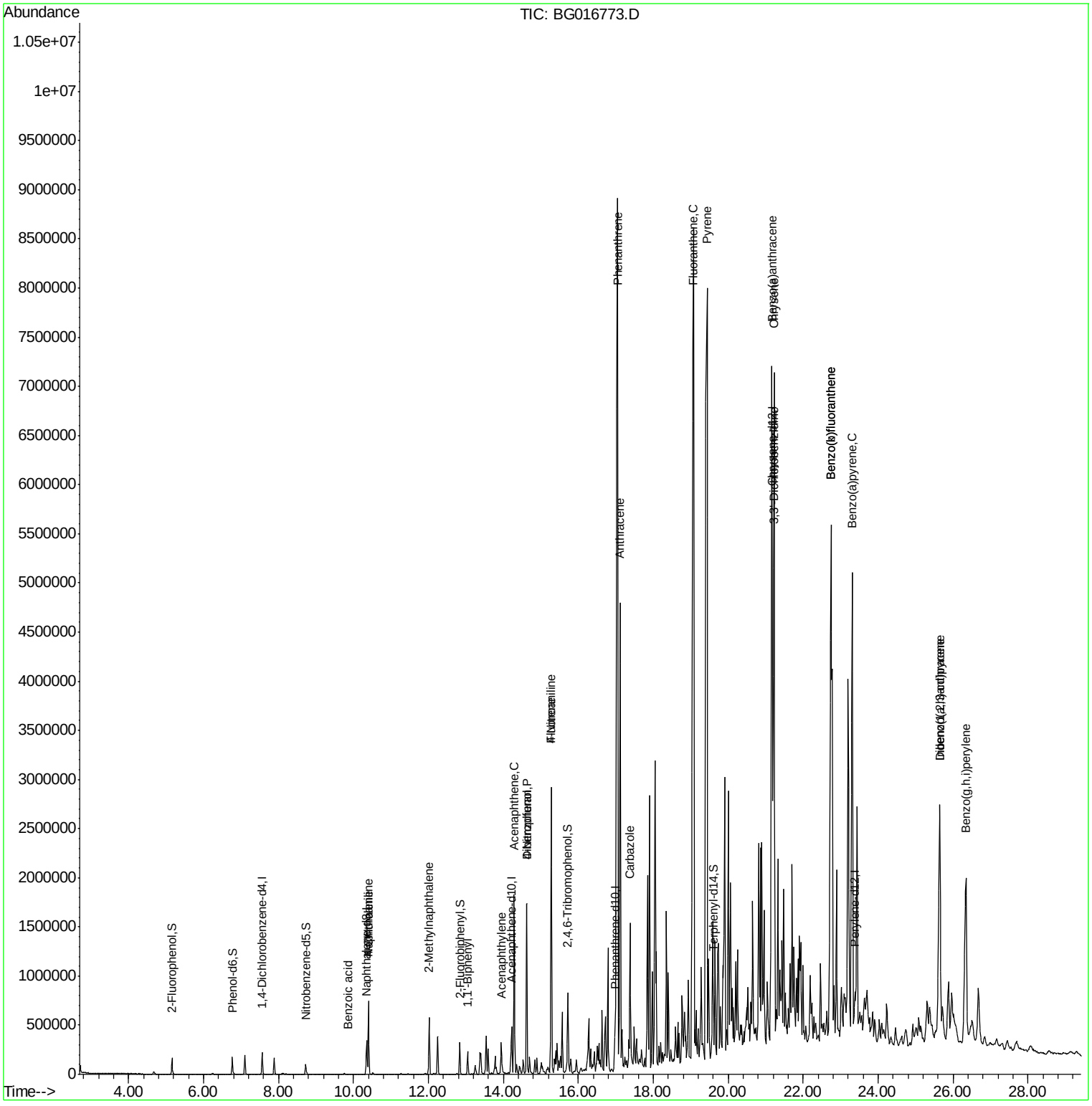
(#) = qualifier out of range (m) = manual integration (+) = signals summed

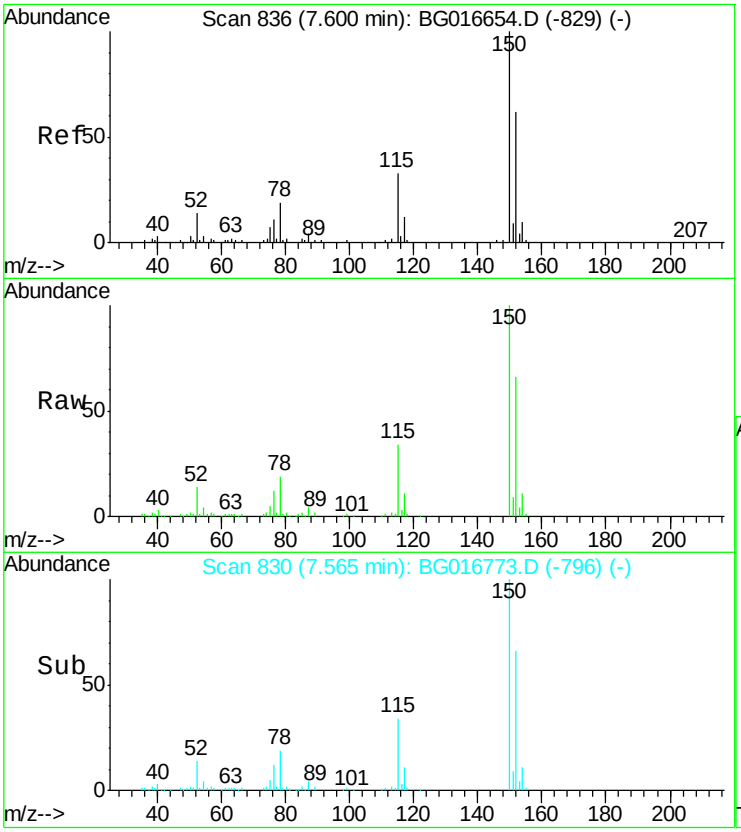
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042815\
Data File : BG016773.D
Acq On : 28 Apr 2015 20:11
Operator : TP/IZ
Sample : G2022-06 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Quant Time: Apr 29 01:14:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 00:55:31 2015
Response via : Initial Calibration



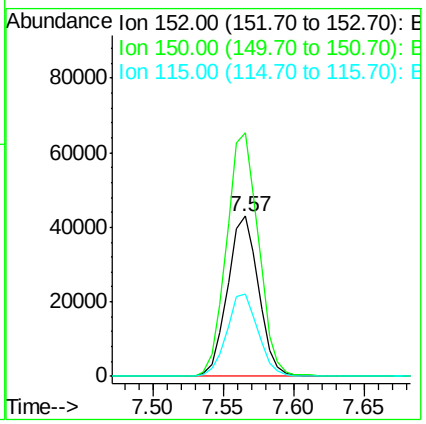


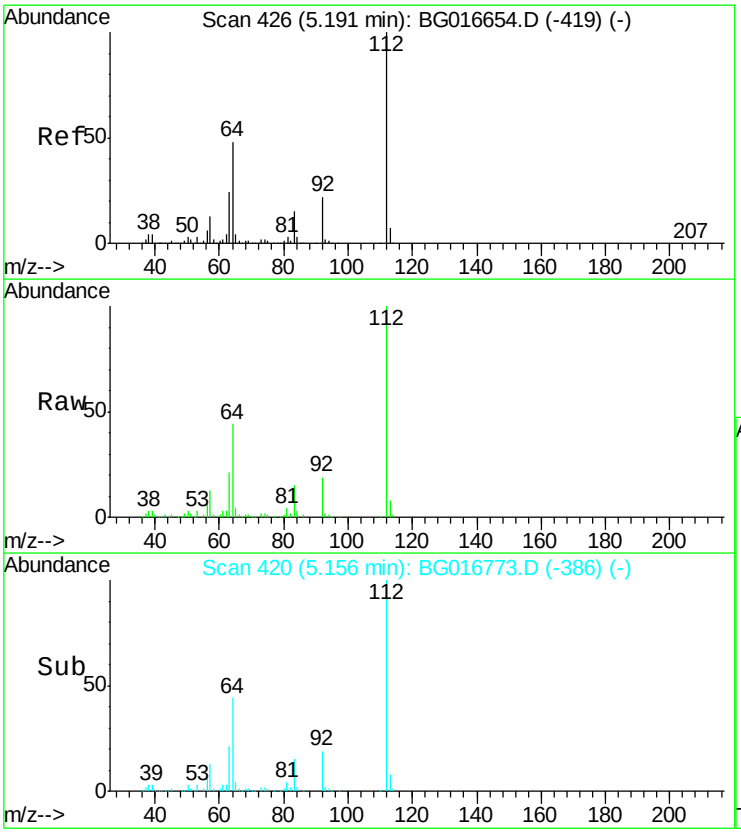
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.57 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:152 Resp: 65409

Ion	Ratio	Lower	Upper
152	100		
150	152.0	129.6	194.4
115	51.6	43.0	64.6

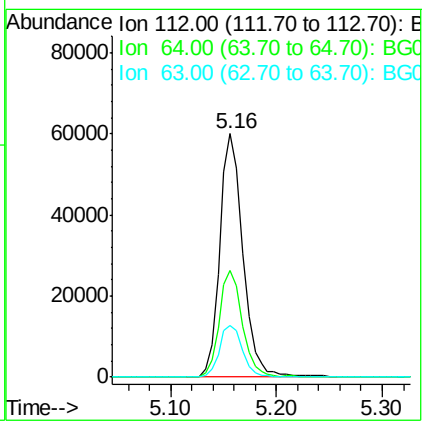


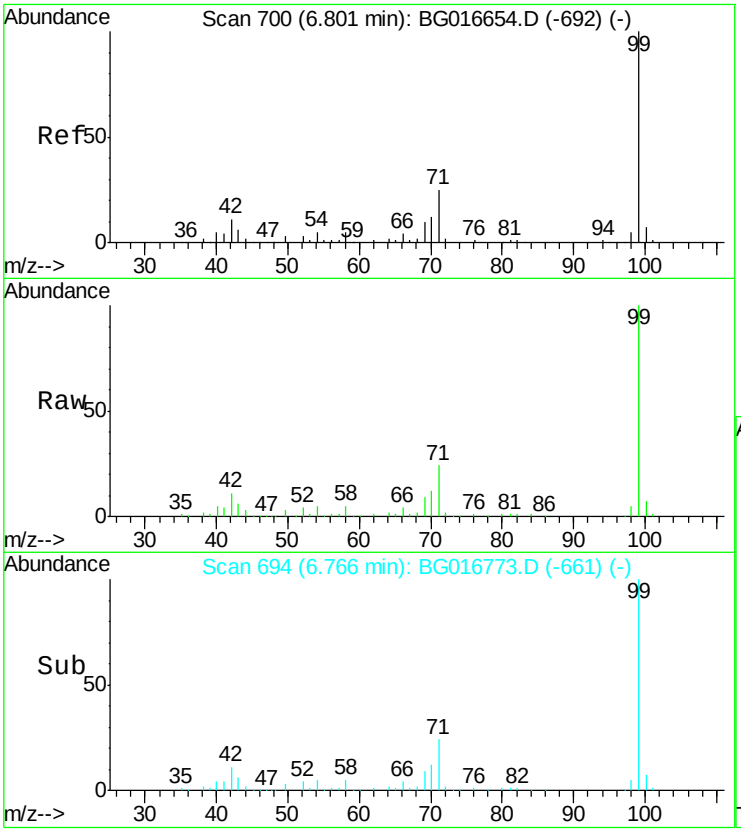


#5
2-Fluorophenol
Concen: 22.73 ng
RT: 5.16 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Tgt Ion:112 Resp: 91612

Ion	Ratio	Lower	Upper
112	100		
64	43.9	38.3	57.5
63	21.0	18.9	28.3



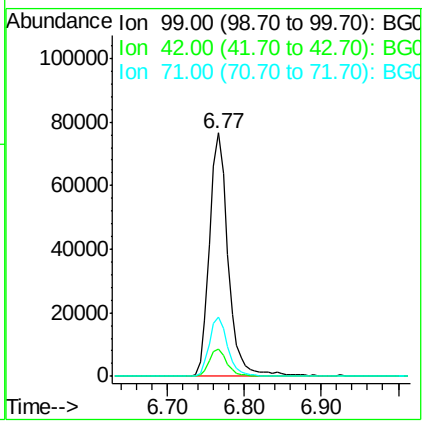


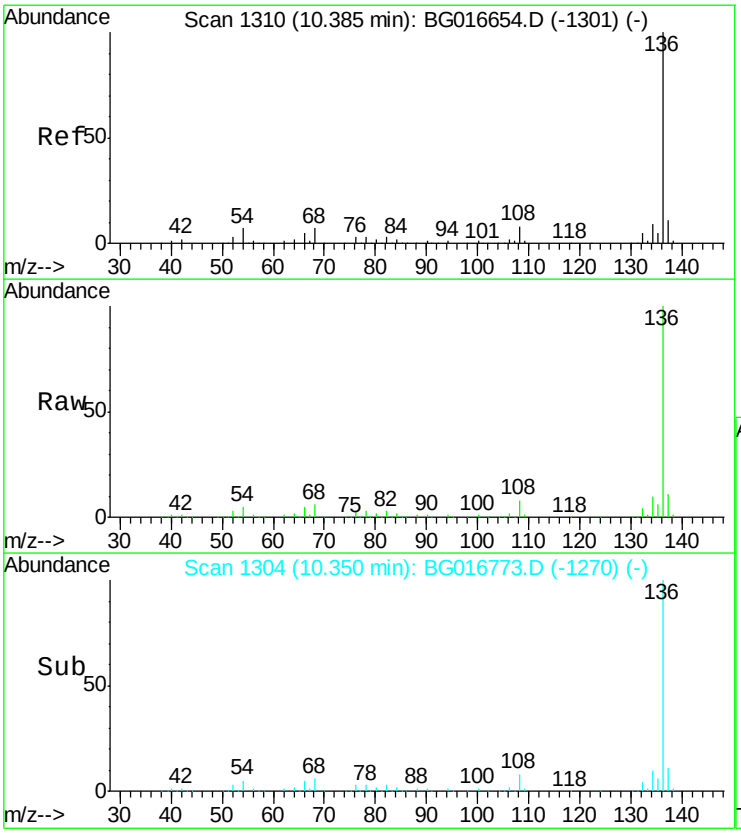
#7
Phenol-d6
Concen: 22.64 ng
RT: 6.77 min Scan# 694
Delta R.T. -0.01 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion: 99 Resp: 128016

Ion	Ratio	Lower	Upper
99	100		
42	11.0	8.8	13.2
71	24.2	19.9	29.9

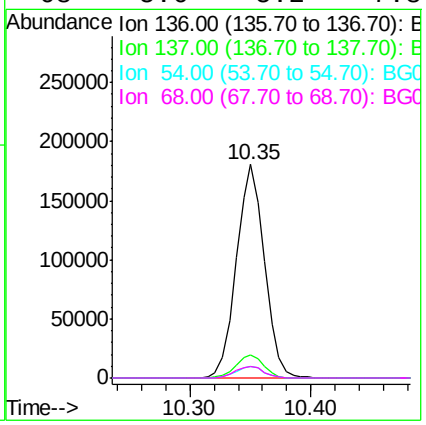


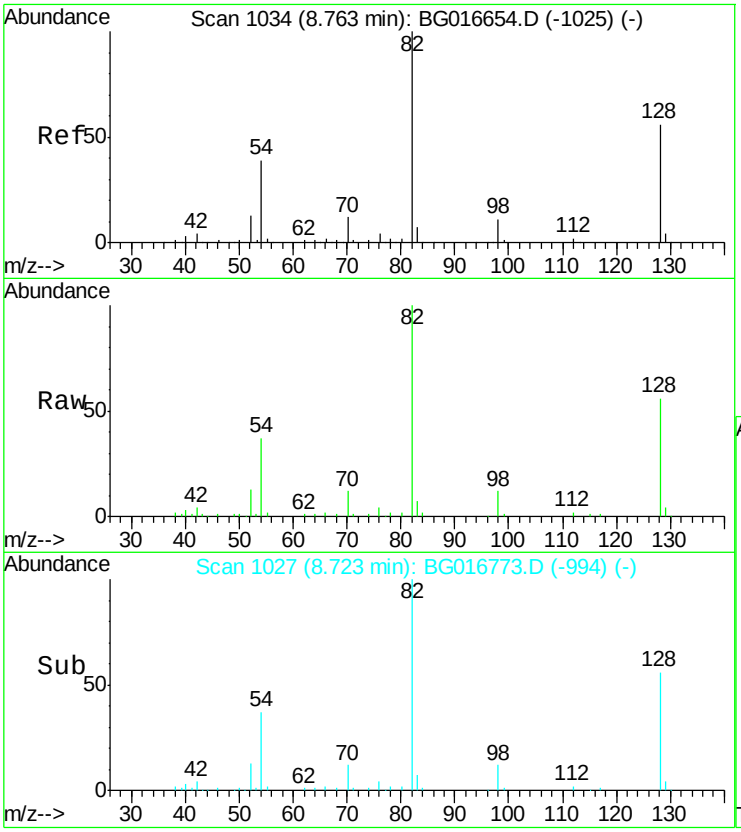


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Tgt Ion:136 Resp: 291302

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	5.3	5.4	8.2#
68	5.6	5.2	7.8



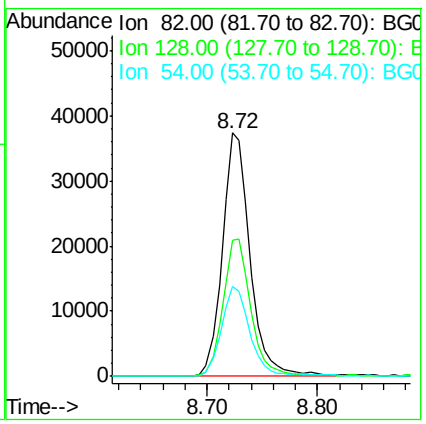


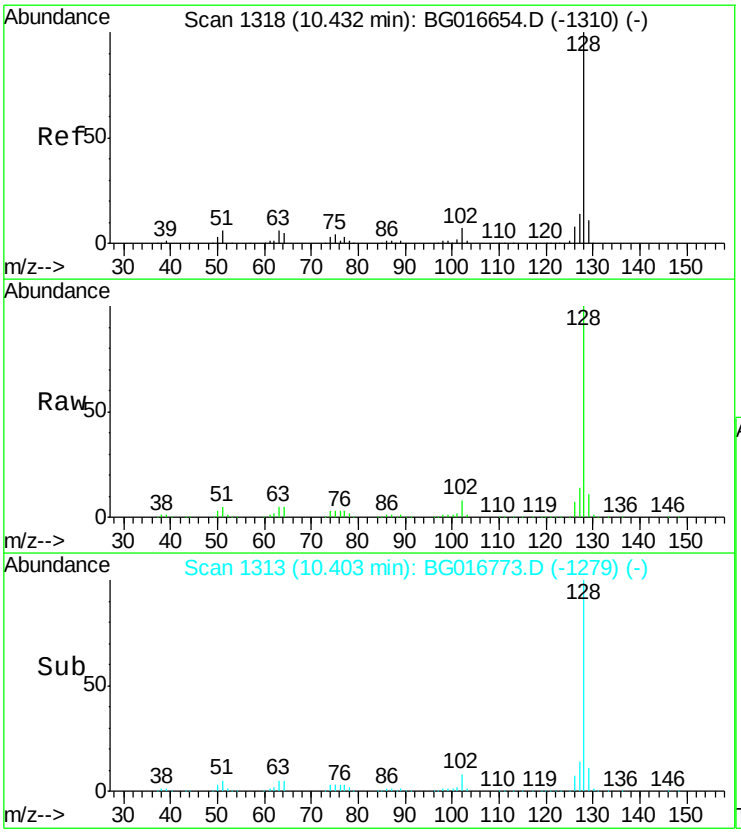
#23
Nitrobenzene-d5
Concen: 14.18 ng
RT: 8.72 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion: 82 Resp: 65377

Ion	Ratio	Lower	Upper
82	100		
128	55.9	44.7	67.1
54	37.2	30.9	46.3

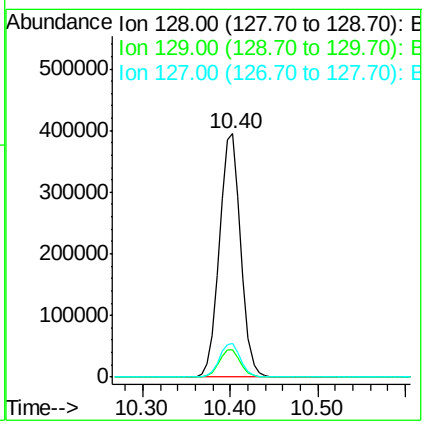


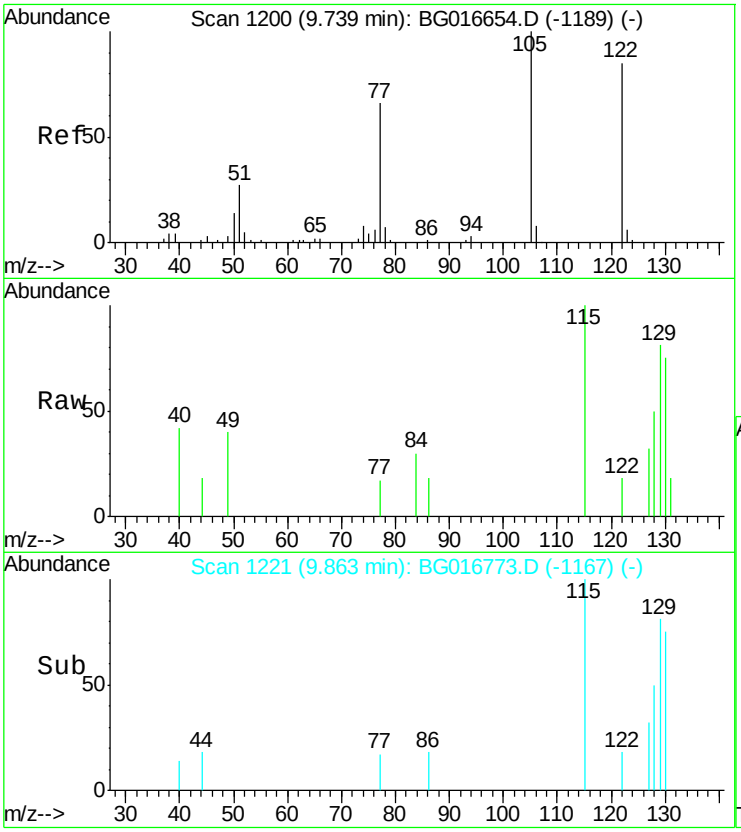


#31
Naphthalene
Concen: 43.24 ng
RT: 10.40 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Tgt Ion:128 Resp: 664115

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.6	11.1	16.7



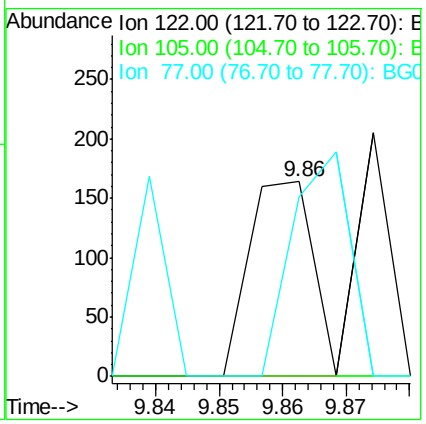


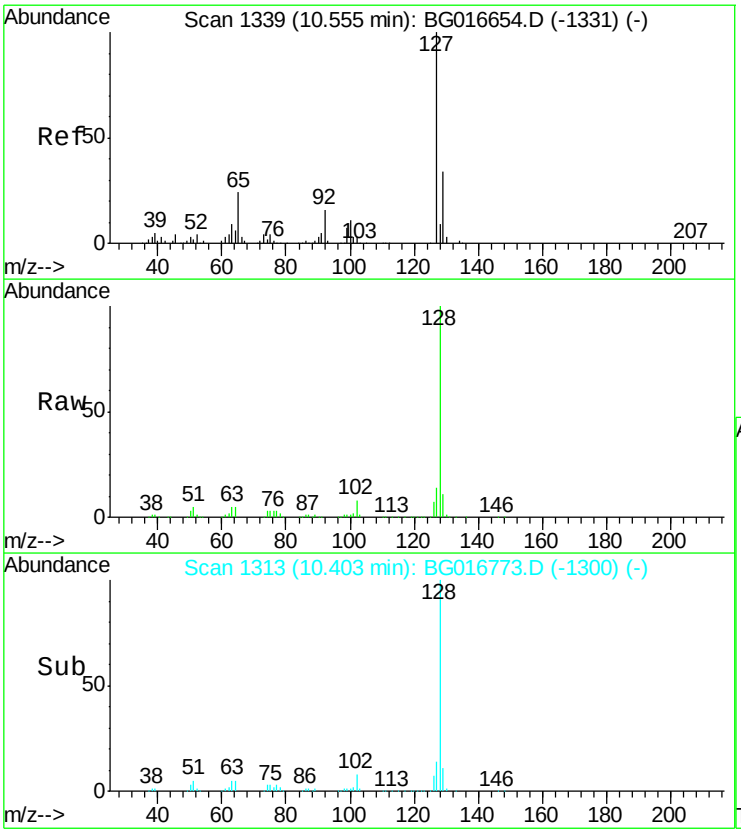
#32
Benzoic acid
Concen: 8.89 ng
RT: 9.86 min Scan# 1221
Delta R.T. 0.12 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:122 Resp: 114

Ion	Ratio	Lower	Upper
122	100		
105	0.0	97.2	137.2#
77	92.1	58.4	98.4

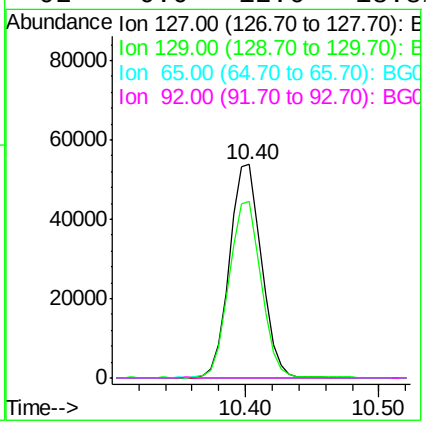


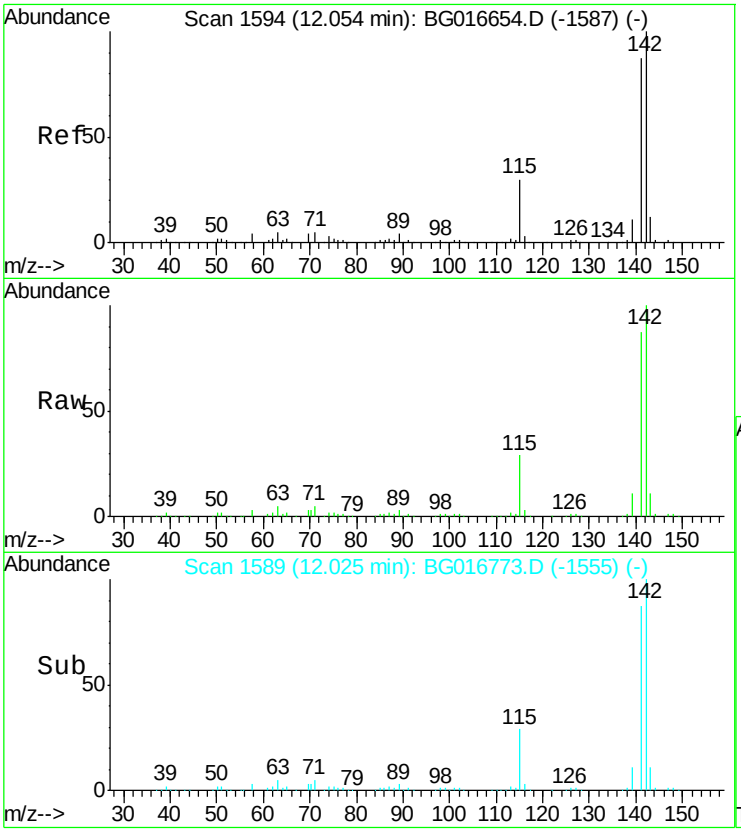


#33
4-Chloroaniline
Concen: 12.70 ng
RT: 10.40 min Scan# 1313
Delta R.T. -0.12 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Tgt Ion:127 Resp: 89891

Ion	Ratio	Lower	Upper
127	100		
129	82.4	27.4	41.2#
65	0.0	19.1	28.7#
92	0.0	12.6	18.8#



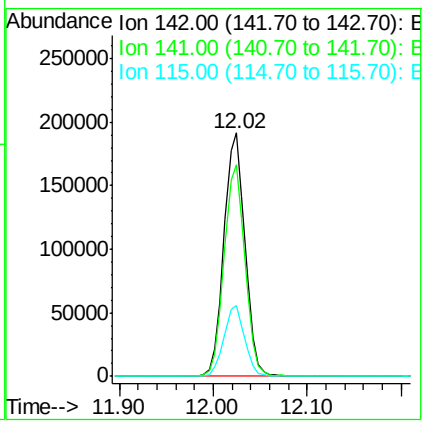


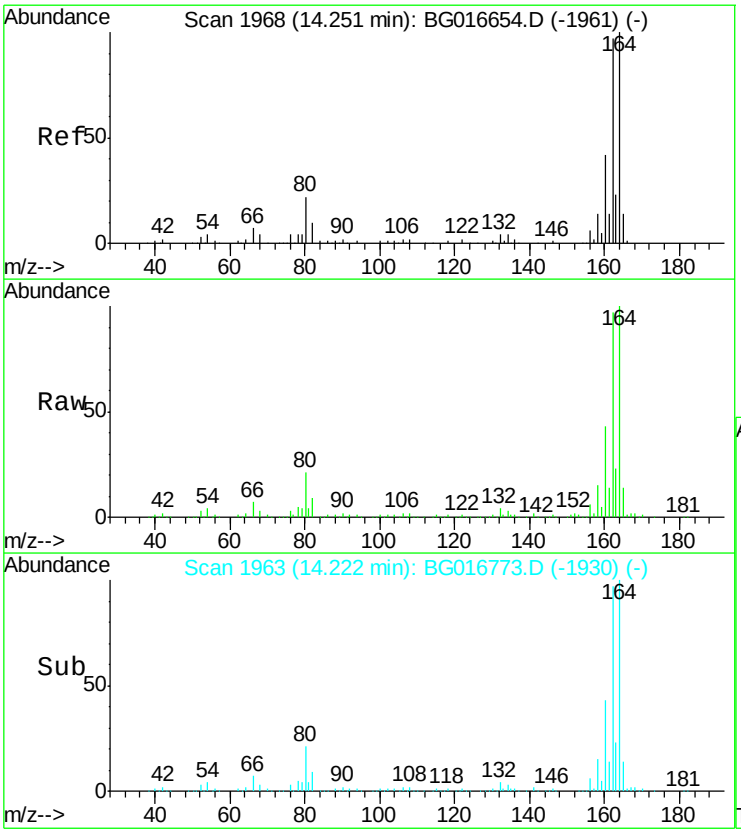
#37
2-Methylnaphthalene
Concen: 26.85 ng
RT: 12.02 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:142 Resp: 297907

Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.9	104.9
115	29.0	24.0	36.0

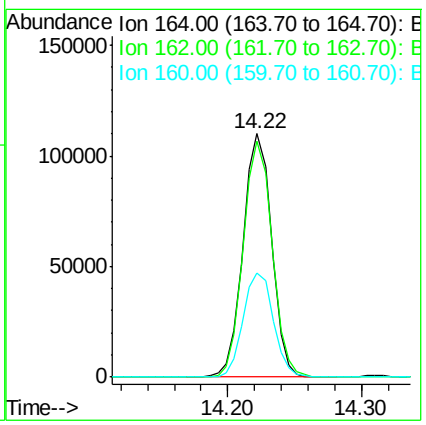


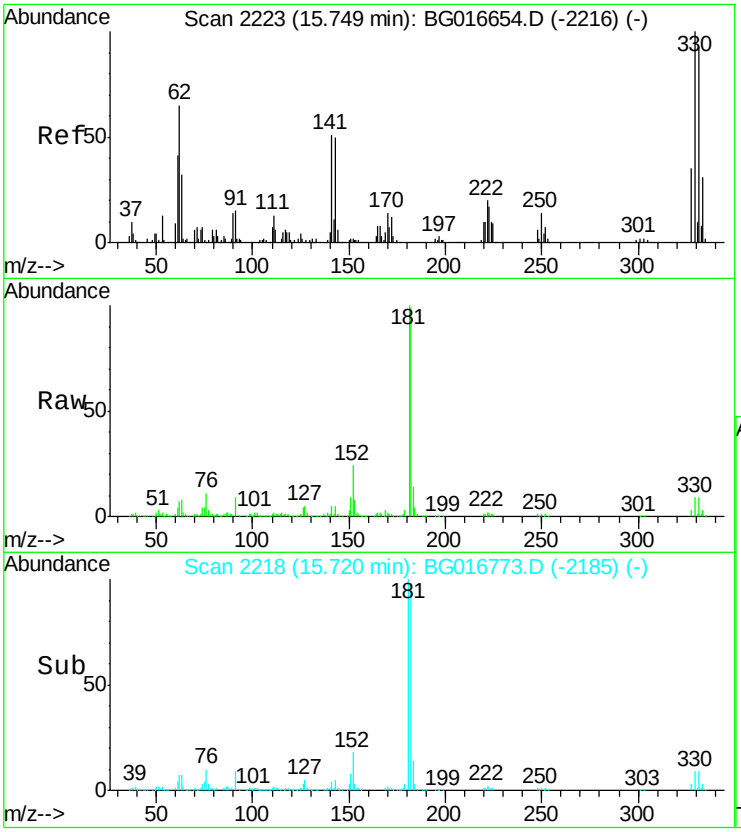


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.22 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Tgt Ion:164 Resp: 161497

Ion	Ratio	Lower	Upper
164	100		
162	96.7	77.3	115.9
160	42.9	33.7	50.5



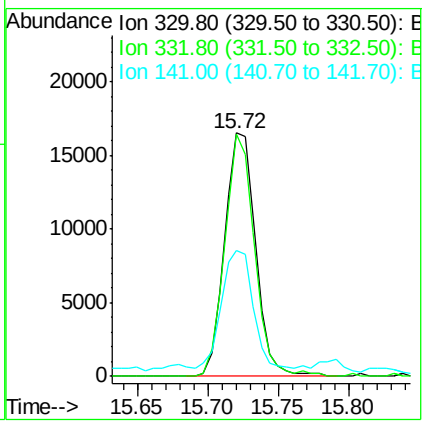


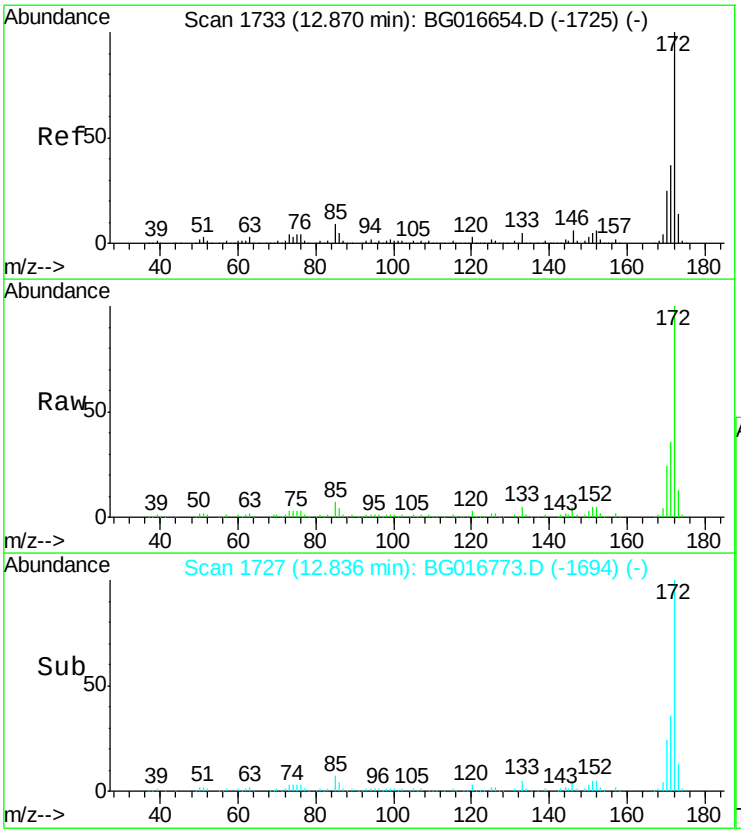
#41
2,4,6-Tribromophenol
Concen: 21.06 ng
RT: 15.72 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:330 Resp: 25236

Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.2	114.4
141	53.4	43.0	64.6

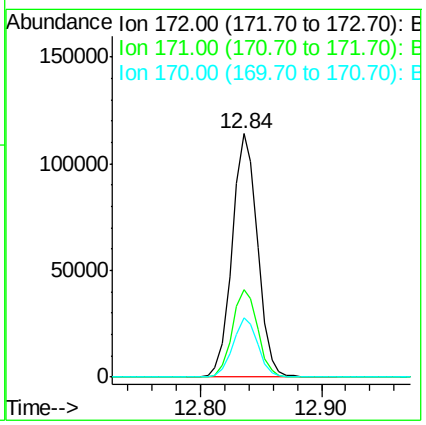


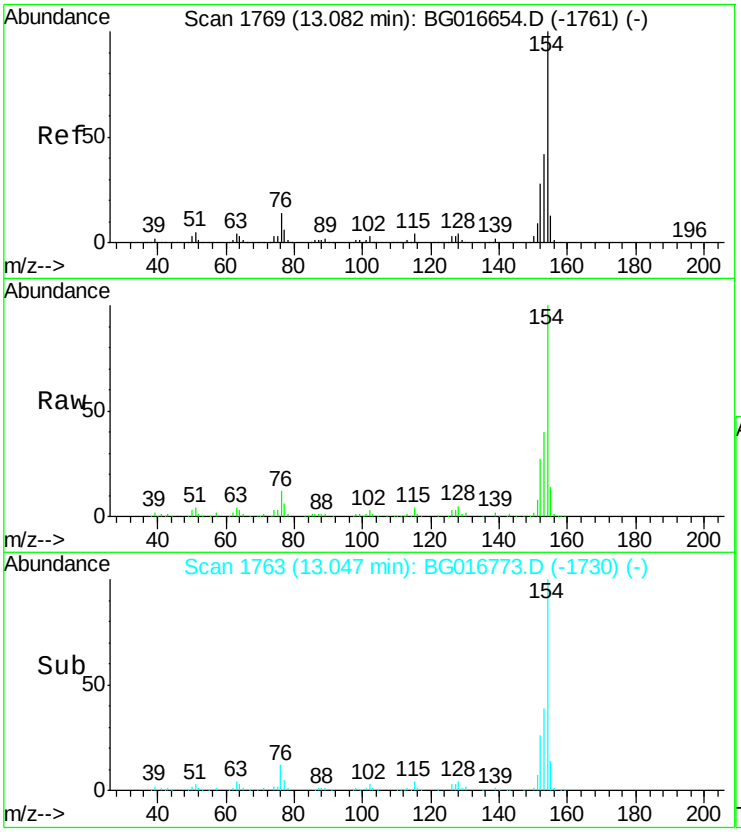


#44
2-Fluorobiphenyl
Concen: 16.62 ng
RT: 12.84 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Tgt Ion:172 Resp: 167108

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.9	44.9
170	24.4	19.8	29.8



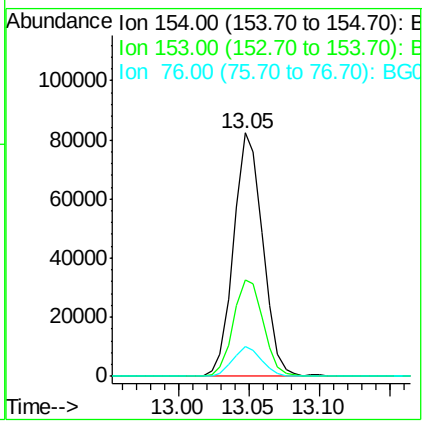


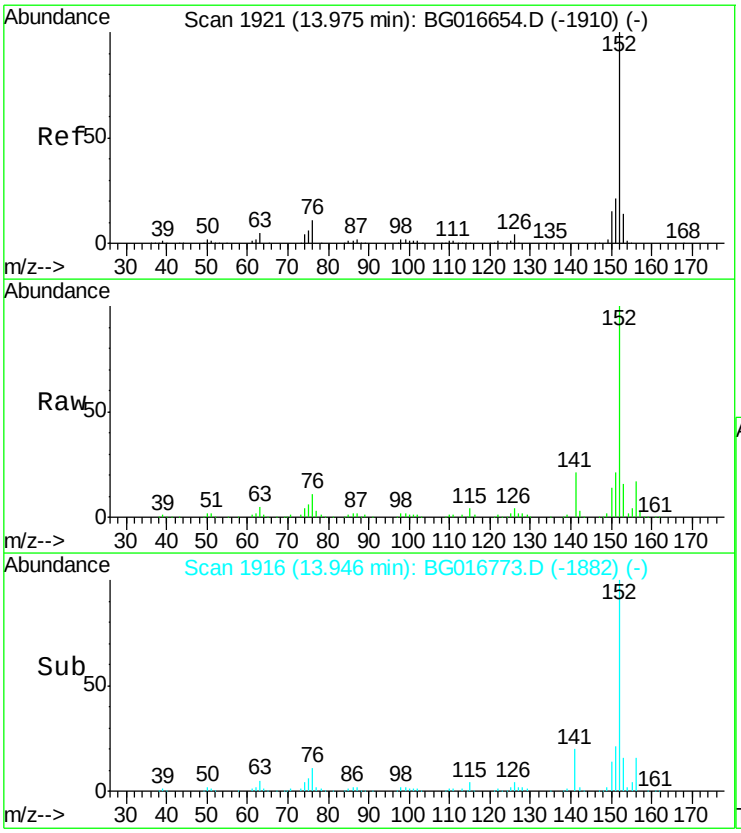
#45
1,1'-Biphenyl
Concen: 9.35 ng
RT: 13.05 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:154 Resp: 118604

Ion	Ratio	Lower	Upper
154	100		
153	39.7	21.8	61.8
76	12.4	0.0	33.7

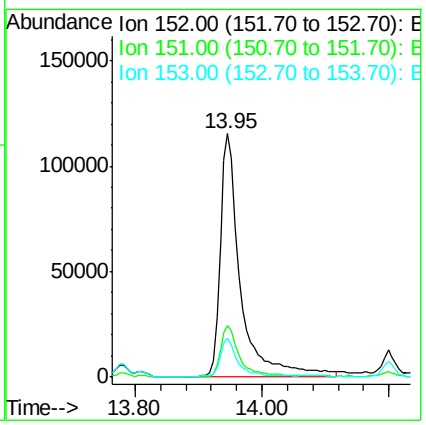


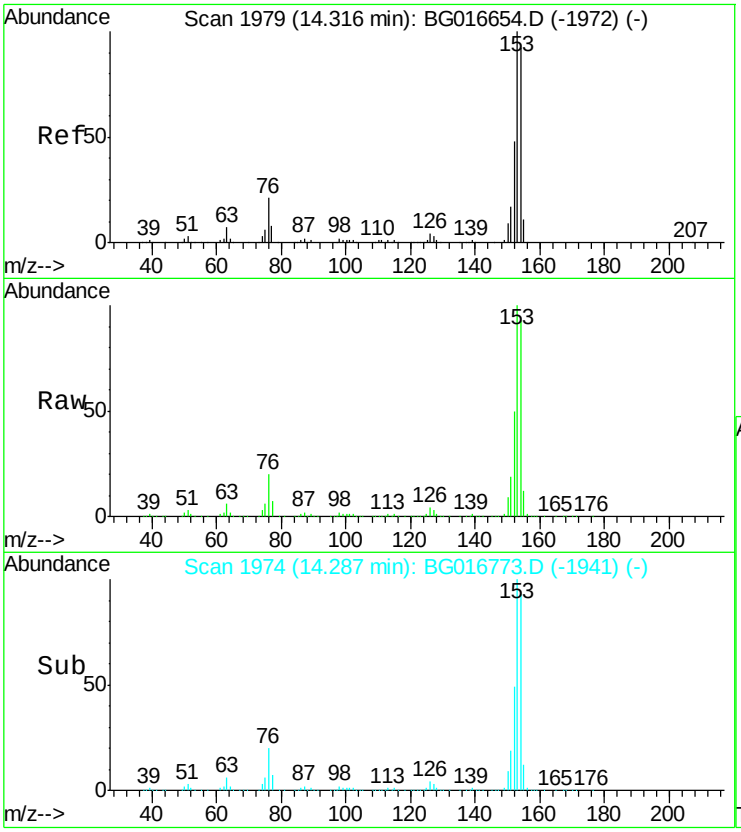


#48
Acenaphthylene
Concen: 15.25 ng
RT: 13.95 min Scan# 1916
Delta R.T. -0.00 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Tgt Ion:152 Resp: 260388

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.7	25.1
153	16.1	11.0	16.6



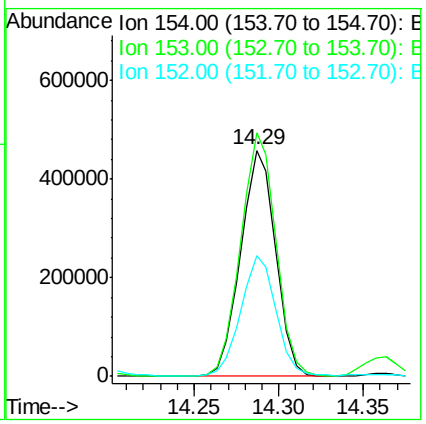


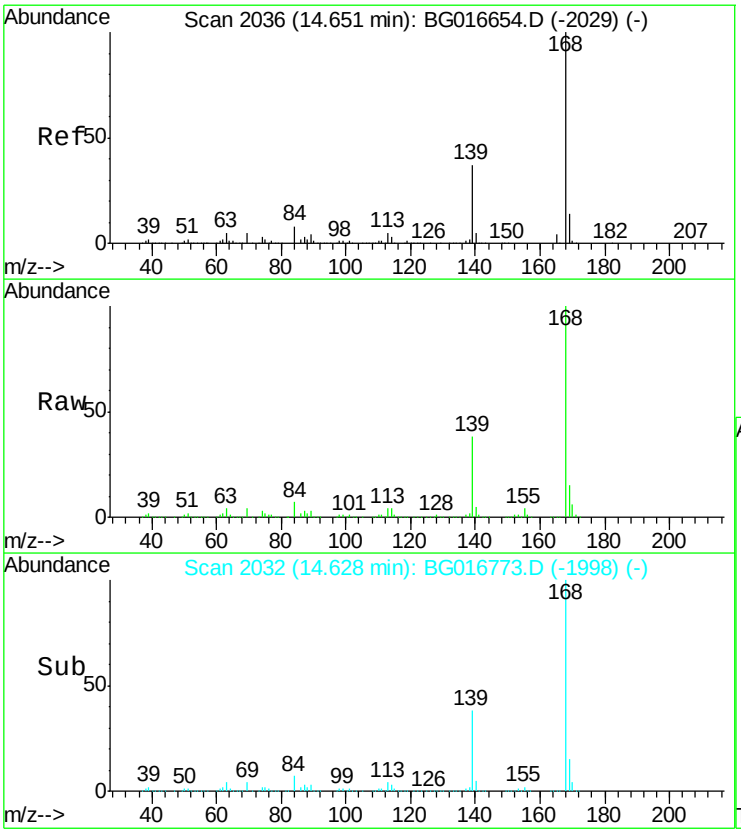
#51
Acenaphthene
Concen: 64.23 ng
RT: 14.29 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:154 Resp: 658319

Ion	Ratio	Lower	Upper
154	100		
153	107.7	87.0	130.6
152	53.5	41.6	62.4

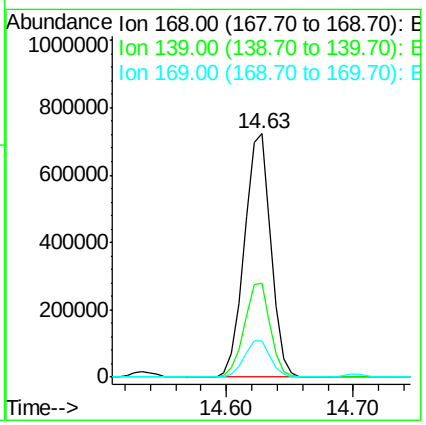


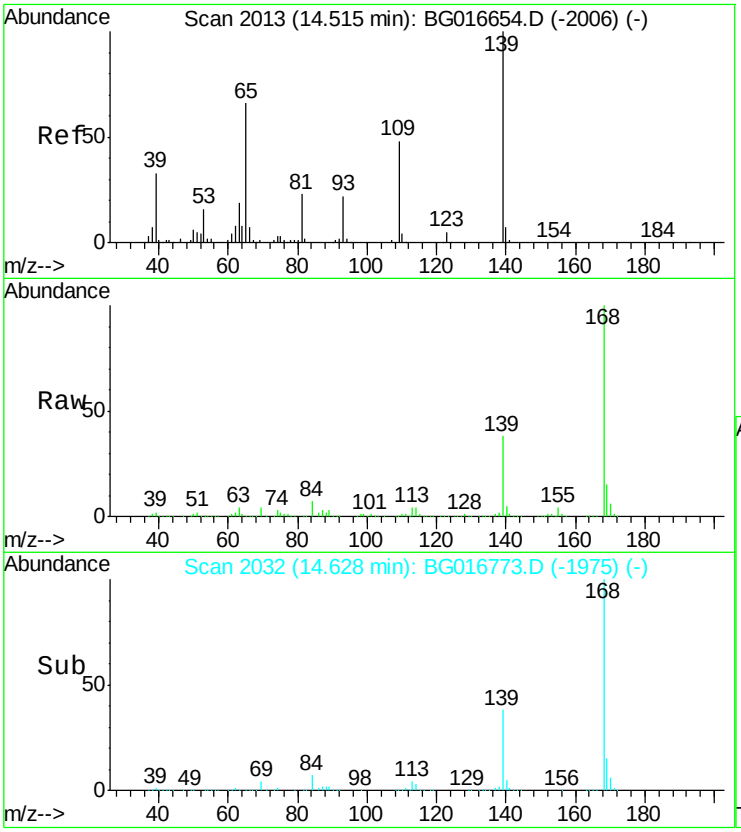


#54
Dibenzofuran
Concen: 72.33 ng
RT: 14.63 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Tgt Ion:168 Resp: 1045661

Ion	Ratio	Lower	Upper
168	100		
139	38.4	29.8	44.8
169	15.0	11.0	16.4



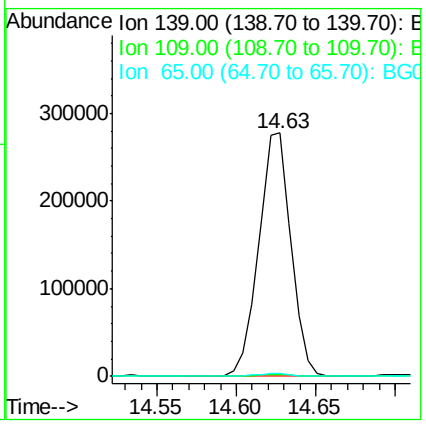


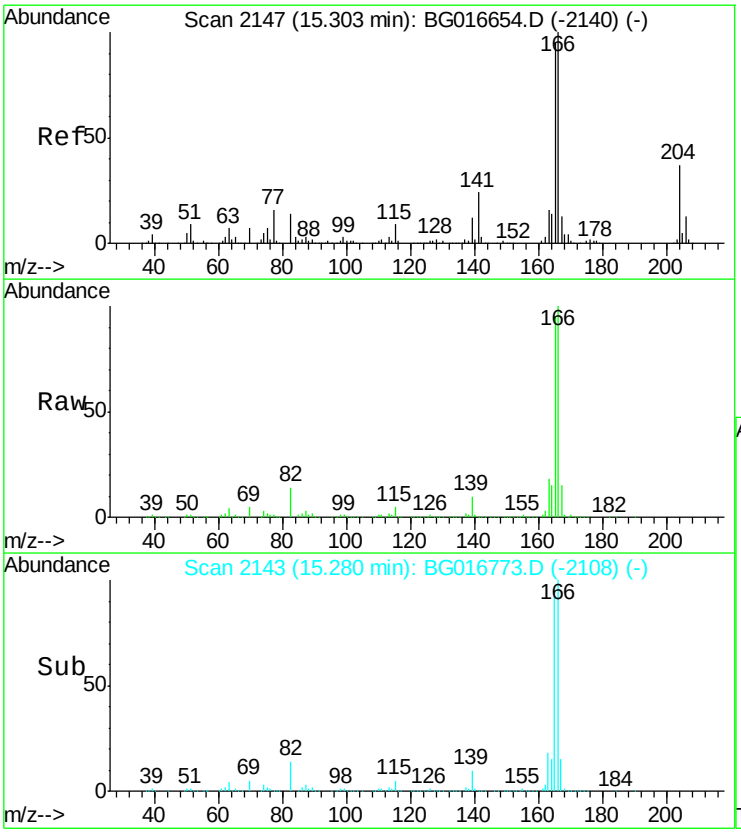
#55
4-Nitrophenol
Concen: 146.85 ng
RT: 14.63 min Scan# 2032
Delta R.T. 0.13 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:139 Resp: 394290

Ion	Ratio	Lower	Upper
139	100		
109	0.9	27.8	67.8#
65	1.1	46.3	86.3#

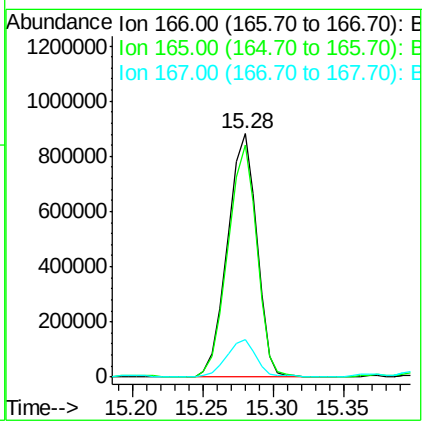


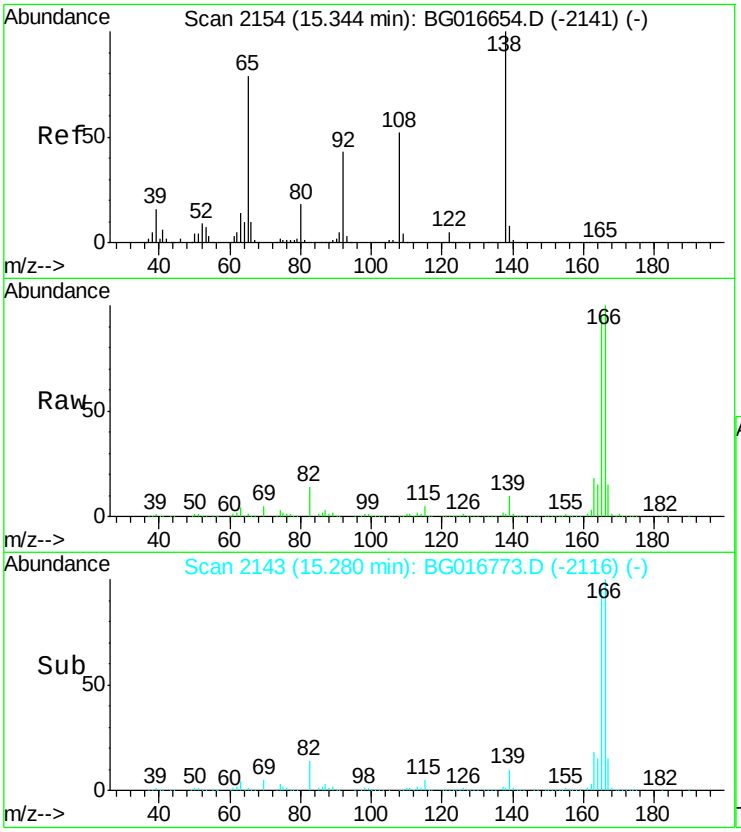


#57
Fluorene
Concen: 100.48 ng
RT: 15.28 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Tgt Ion:166 Resp: 1269693

Ion	Ratio	Lower	Upper
166	100		
165	95.1	75.6	113.4
167	15.4	10.7	16.1



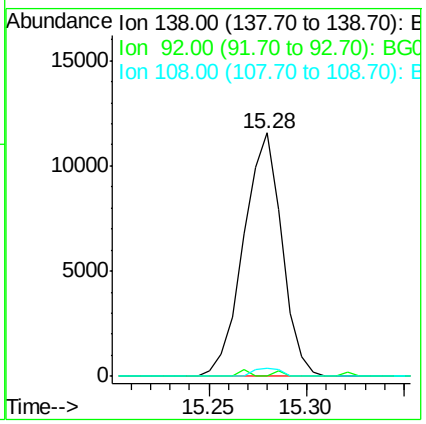


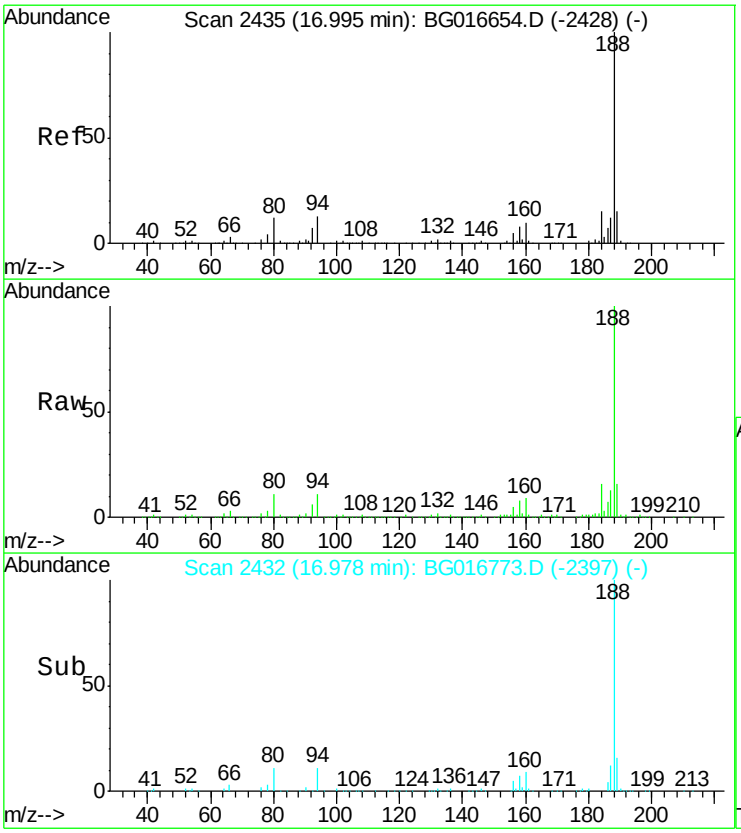
#61
4-Nitroaniline
Concen: 3.95 ng
RT: 15.28 min Scan# 2143
Delta R.T. -0.04 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:138 Resp: 15639

Ion	Ratio	Lower	Upper
138	100		
92	0.0	23.1	63.1#
108	3.2	31.7	71.7#

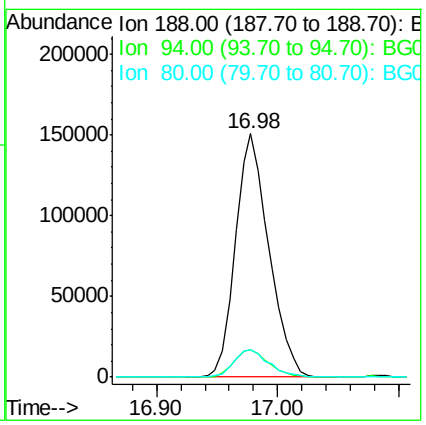


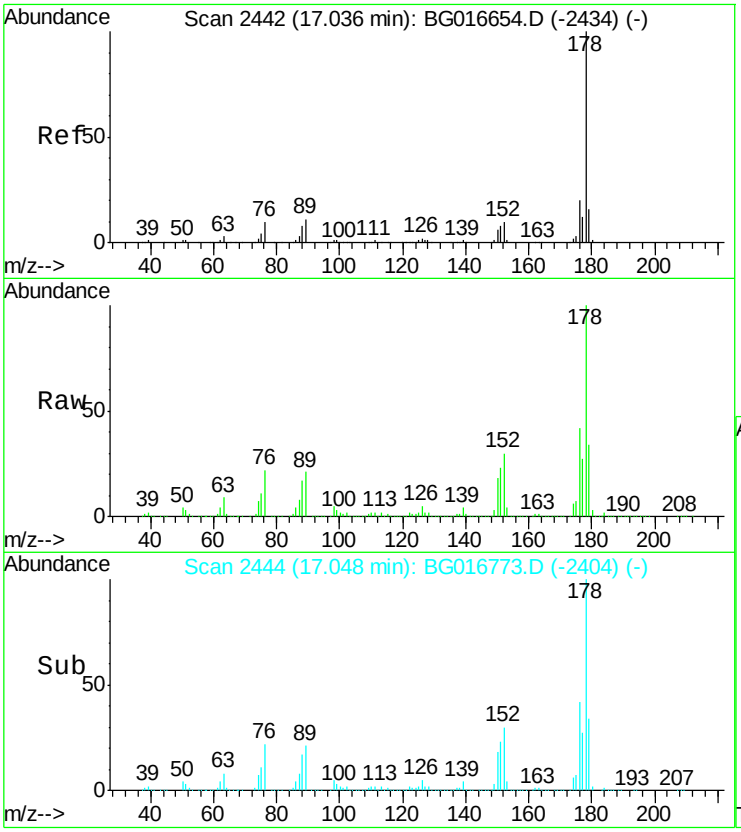


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.98 min Scan# 2432
Delta R.T. 0.01 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Tgt Ion:188 Resp: 289428

Ion	Ratio	Lower	Upper
188	100		
94	11.2	10.7	16.1
80	11.4	9.9	14.9



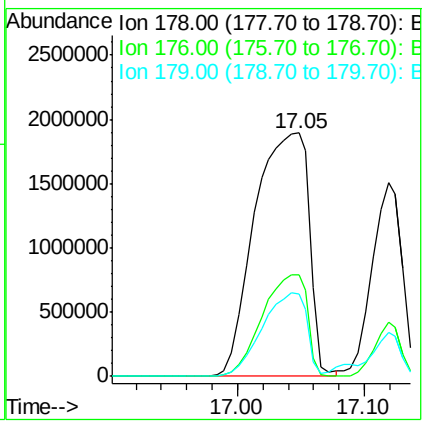


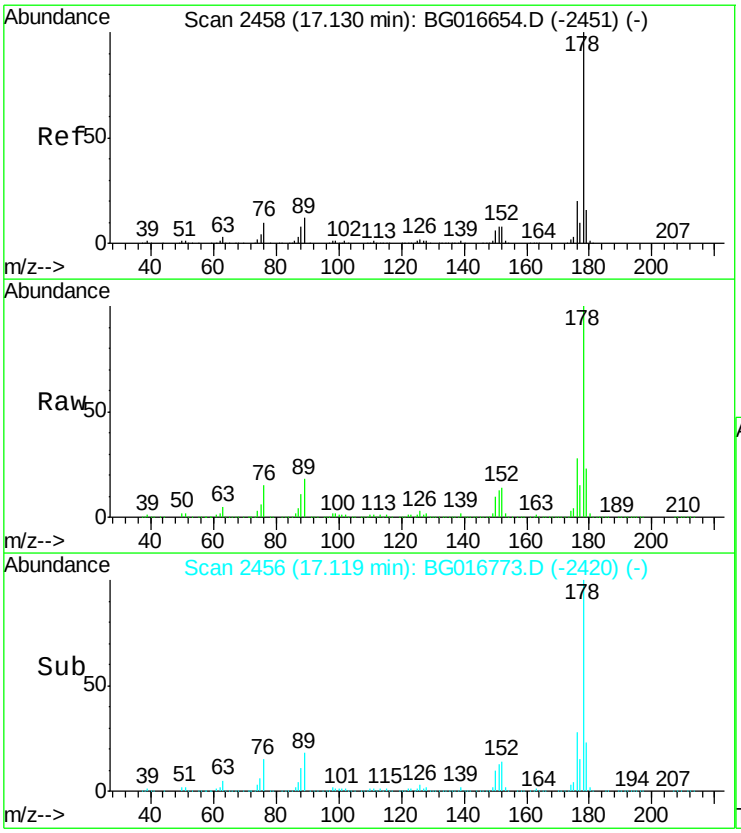
#70
Phenanthrene
Concen: 340.71 ng
RT: 17.05 min Scan# 2444
Delta R.T. 0.03 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:178 Resp: 5665030

Ion	Ratio	Lower	Upper
178	100		
176	41.9	15.8	23.6#
179	33.9	12.8	19.2#

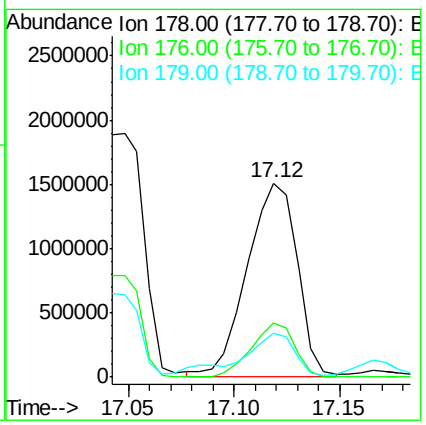


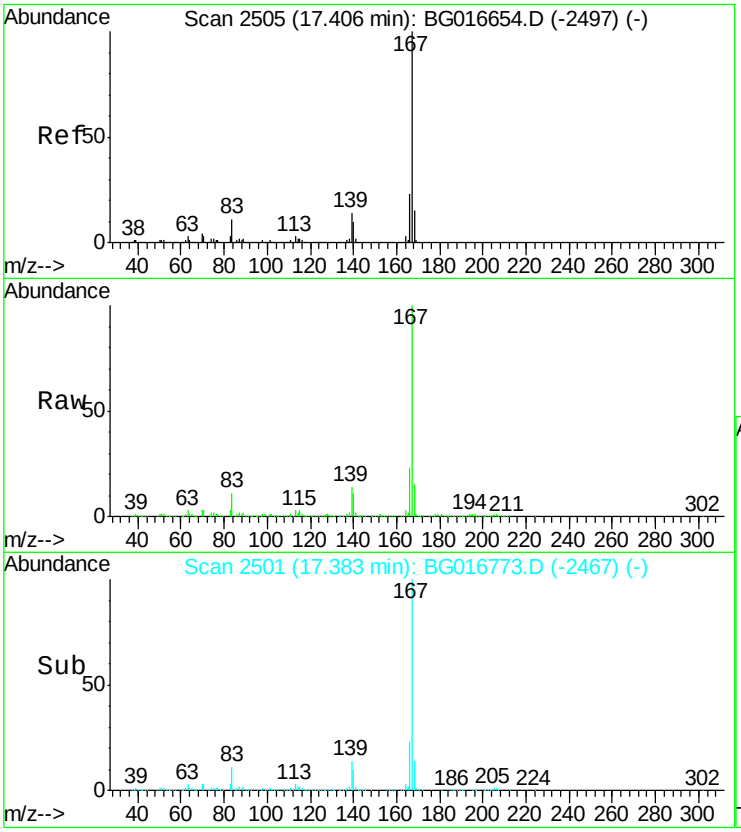


#71
Anthracene
Concen: 149.74 ng
RT: 17.12 min Scan# 2456
Delta R.T. 0.01 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Tgt Ion:178 Resp: 2476455

Ion	Ratio	Lower	Upper
178	100		
176	28.1	16.0	24.0#
179	22.9	12.9	19.3#



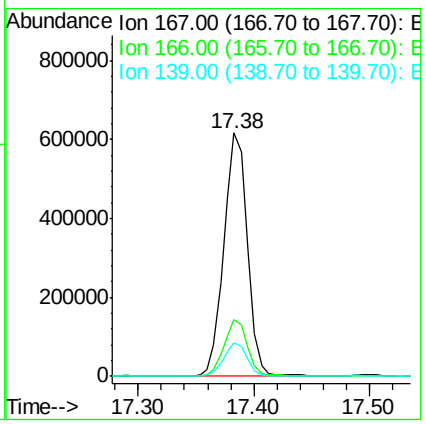


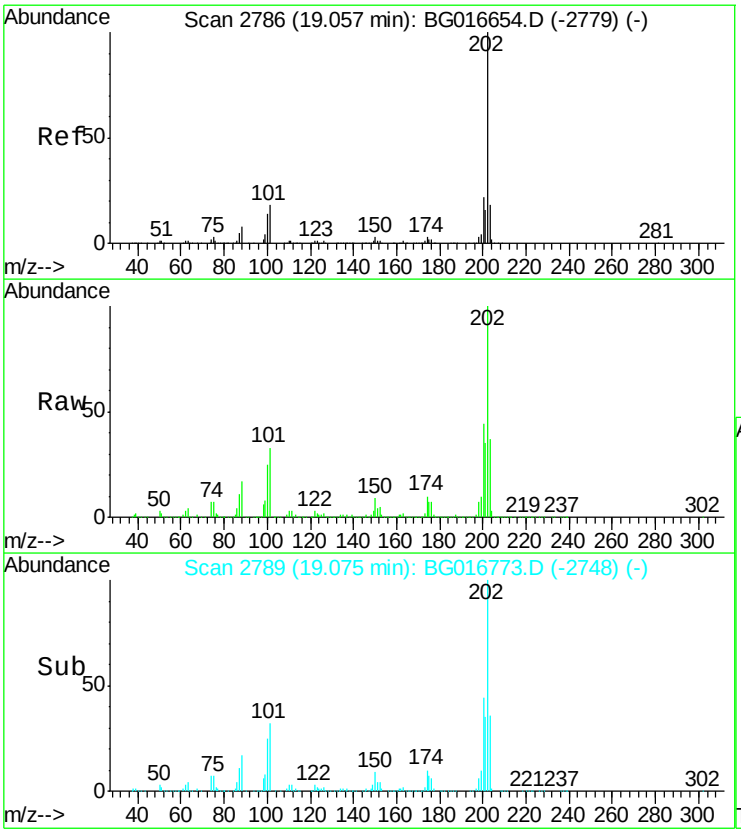
#72
Carbazole
Concen: 52.42 ng
RT: 17.38 min Scan# 2501
Delta R.T. -0.00 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:167 Resp: 868486

Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.4	27.6
139	14.1	11.1	16.7

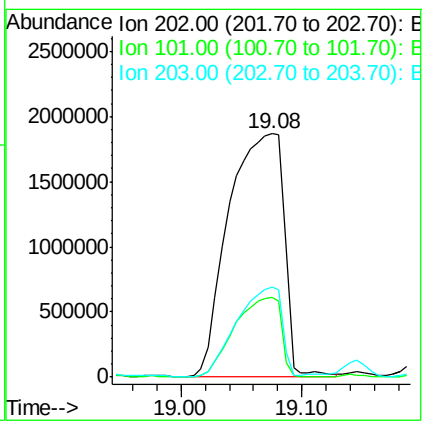


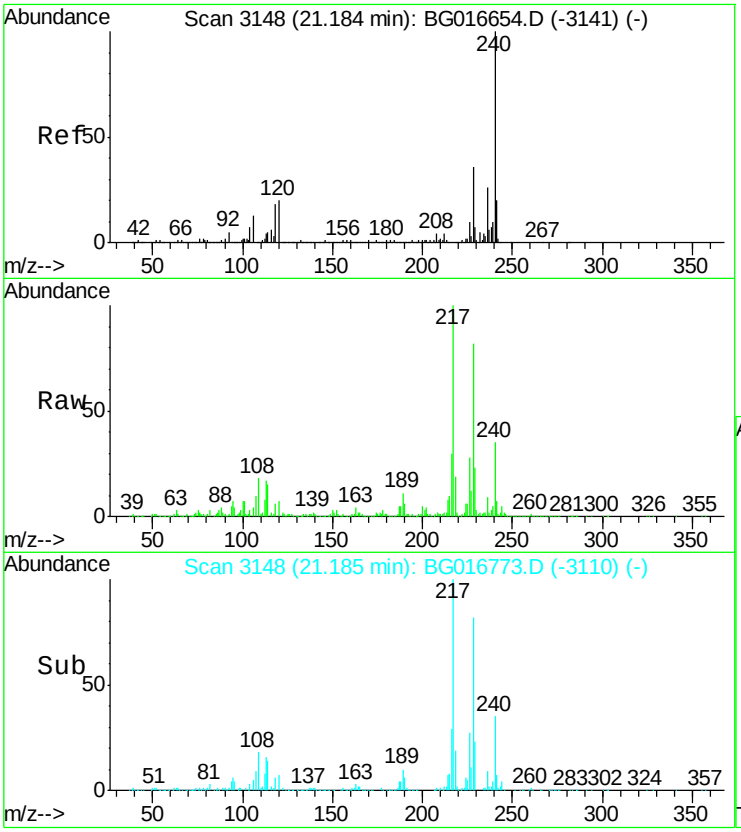


#74
Fluoranthene
Concen: 336.22 ng
RT: 19.08 min Scan# 2789
Delta R.T. 0.04 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Tgt Ion:202 Resp: 5923674

Ion	Ratio	Lower	Upper
202	100		
101	32.8	0.0	38.1
203	36.9	0.0	38.4



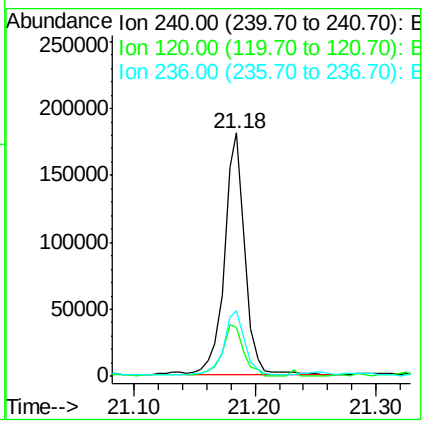


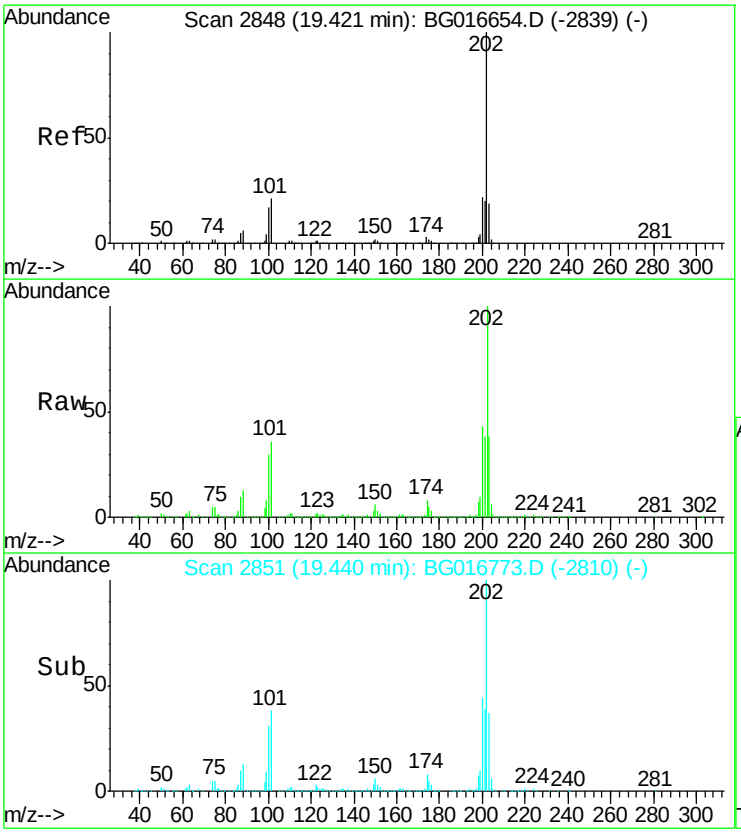
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3148
Delta R.T. 0.02 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:240 Resp: 209821

Ion	Ratio	Lower	Upper
240	100		
120	20.2	16.3	24.5
236	27.1	21.1	31.7

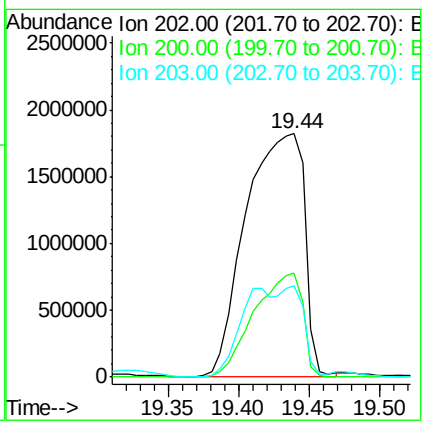


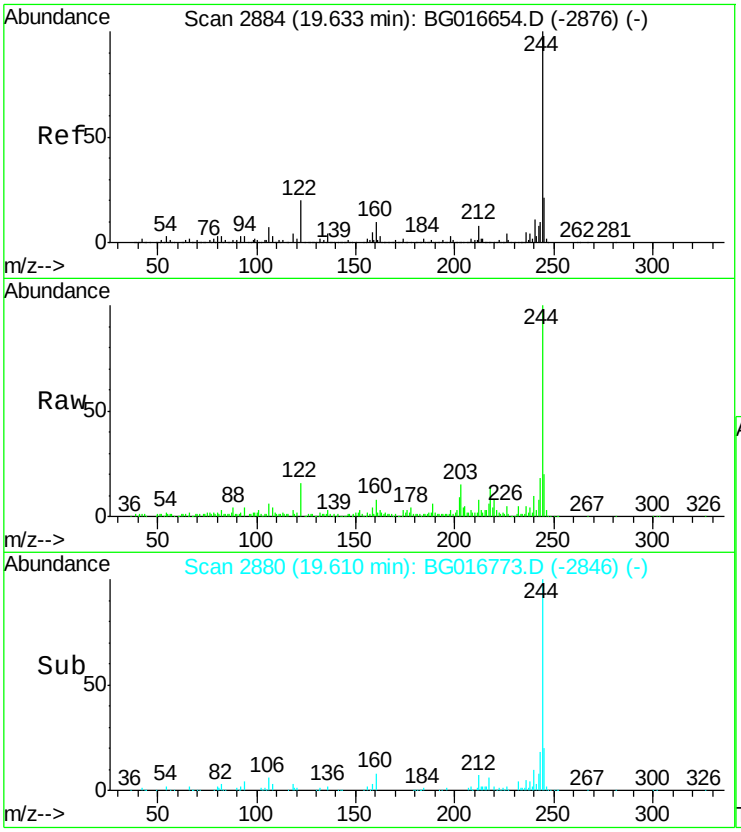


#77
Pyrene
Concen: 356.56 ng
RT: 19.44 min Scan# 2851
Delta R.T. 0.04 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Tgt Ion:202 Resp: 5255942

Ion	Ratio	Lower	Upper
202	100		
200	42.7	18.0	27.0#
203	37.6	14.9	22.3#



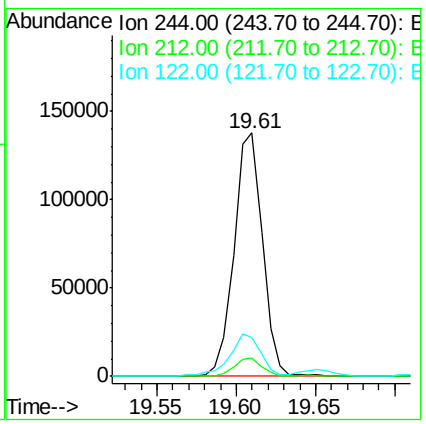


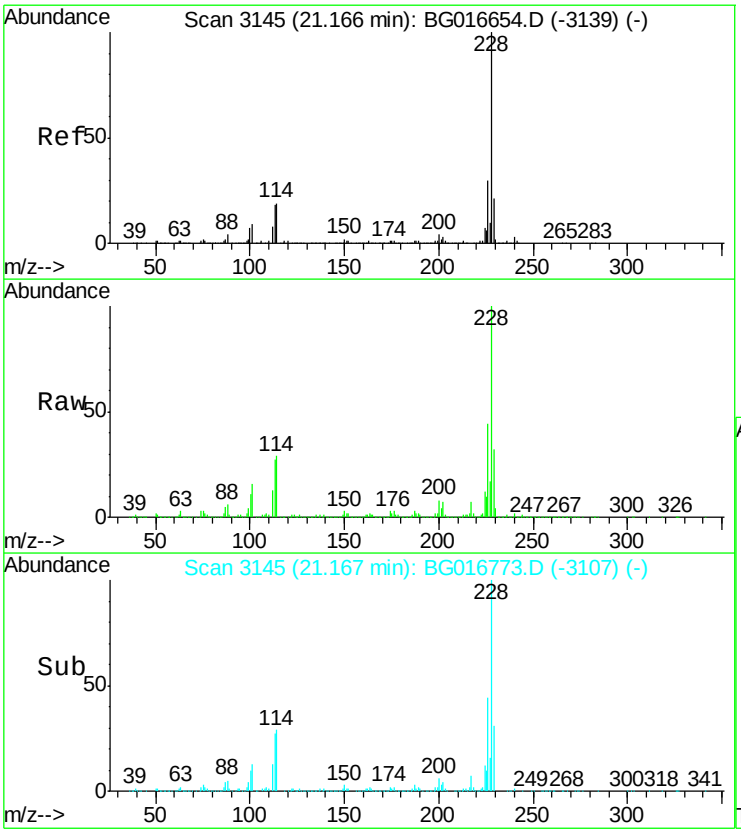
#78
Terphenyl-d14
Concen: 18.68 ng
RT: 19.61 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:244 Resp: 170139

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	15.9	15.9	23.9#

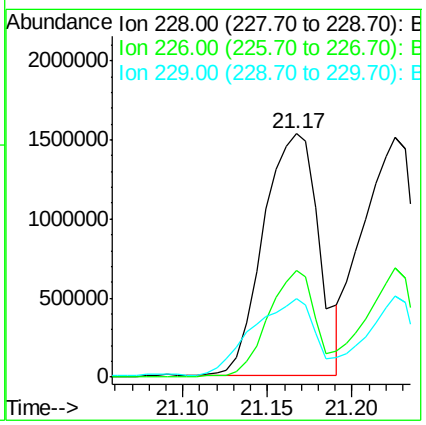


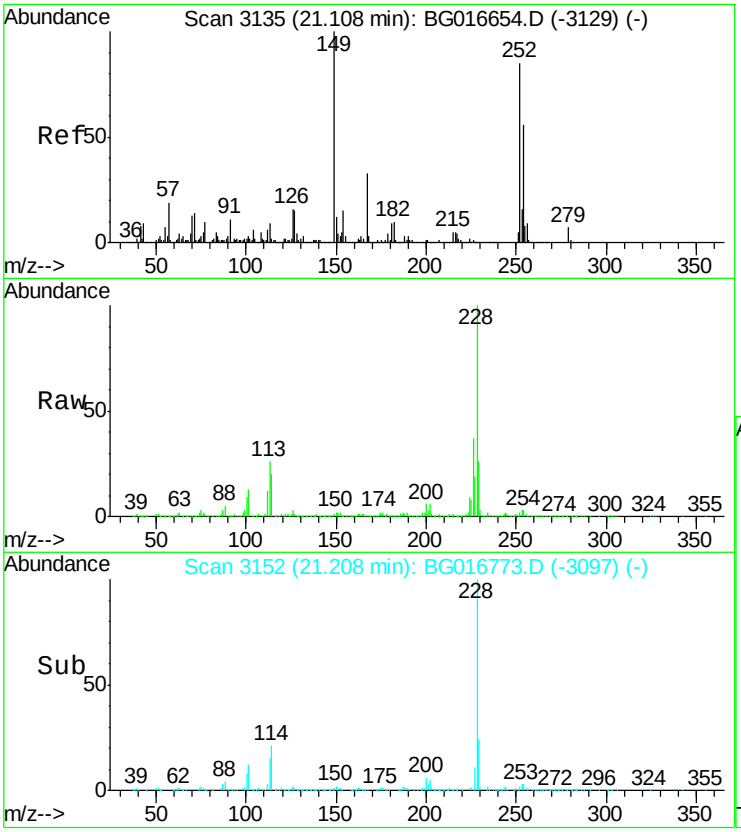


#80
Benzo(a)anthracene
Concen: 274.14 ng
RT: 21.17 min Scan# 3145
Delta R.T. 0.02 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Tgt Ion:228 Resp: 3487819

Ion	Ratio	Lower	Upper
228	100		
226	43.9	23.8	35.6#
229	32.0	17.0	25.4#



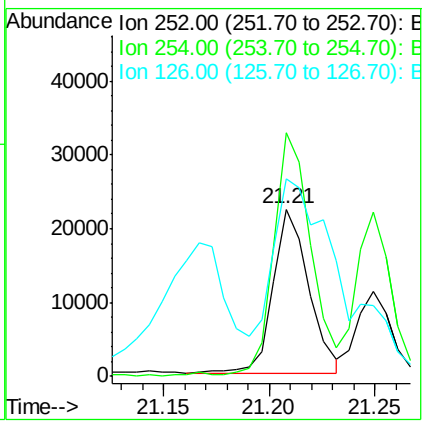


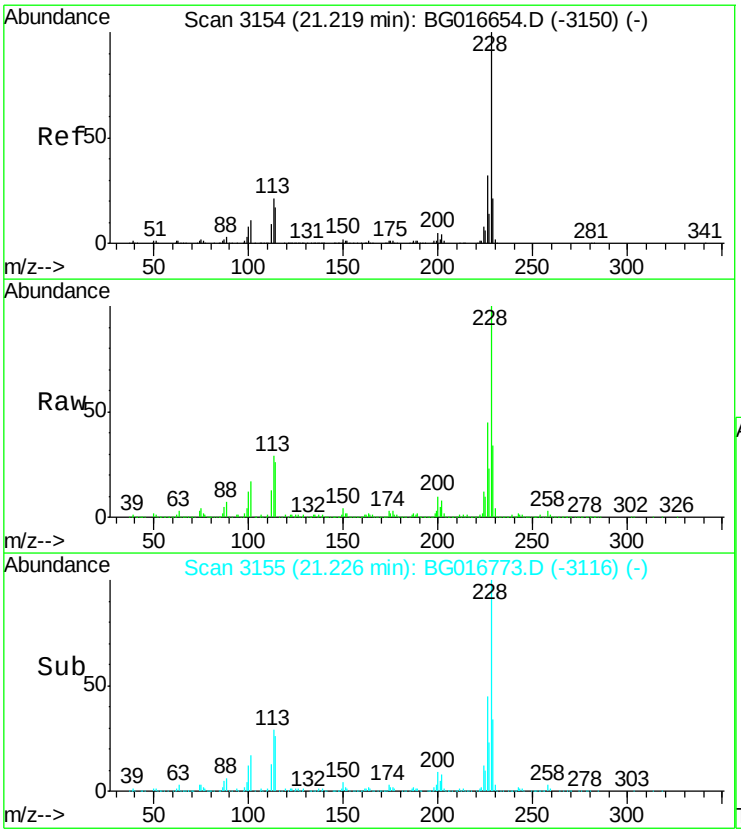
#81
3,3'-Dichlorobenzidine
Concen: 6.32 ng
RT: 21.21 min Scan# 3152
Delta R.T. 0.12 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:252 Resp: 26216

Ion	Ratio	Lower	Upper
252	100		
254	145.6	52.7	79.1#
126	118.2	15.3	22.9#

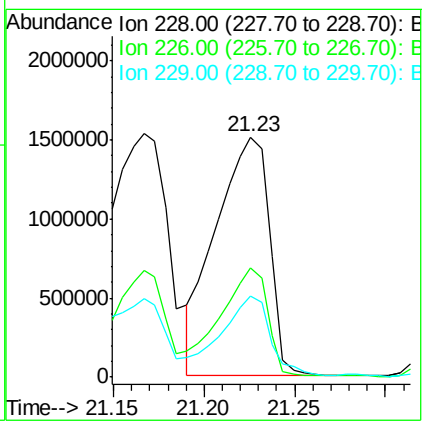


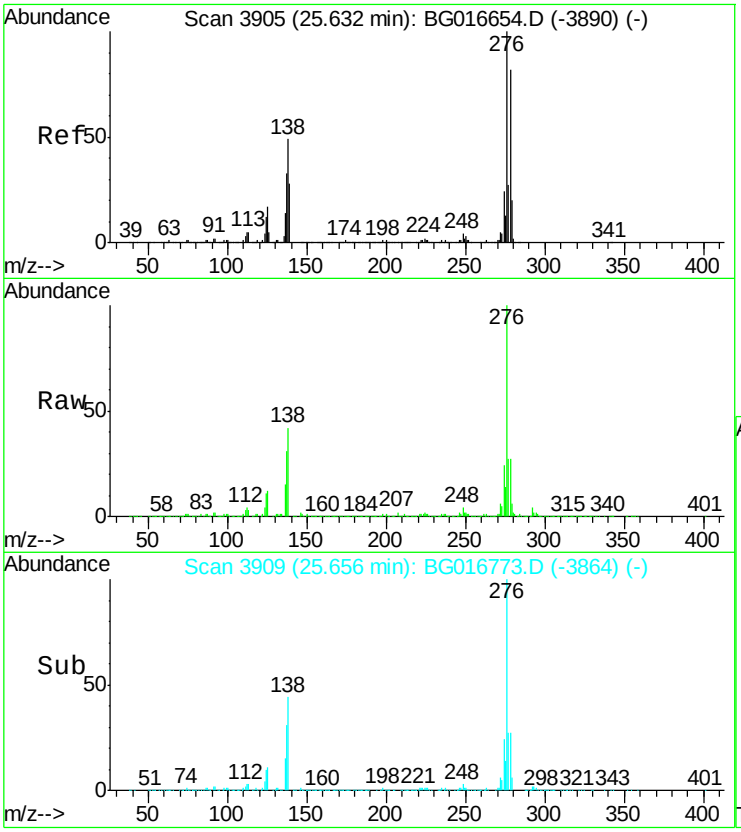


#82
Chrysene
Concen: 254.10 ng
RT: 21.23 min Scan# 3155
Delta R.T. 0.03 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Tgt Ion:228 Resp: 3099350

Ion	Ratio	Lower	Upper
228	100		
226	45.5	25.4	38.0#
229	34.0	16.5	24.7#



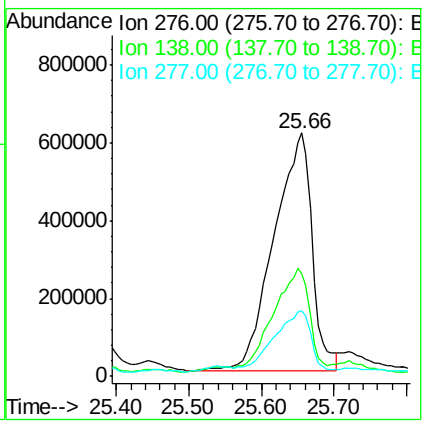


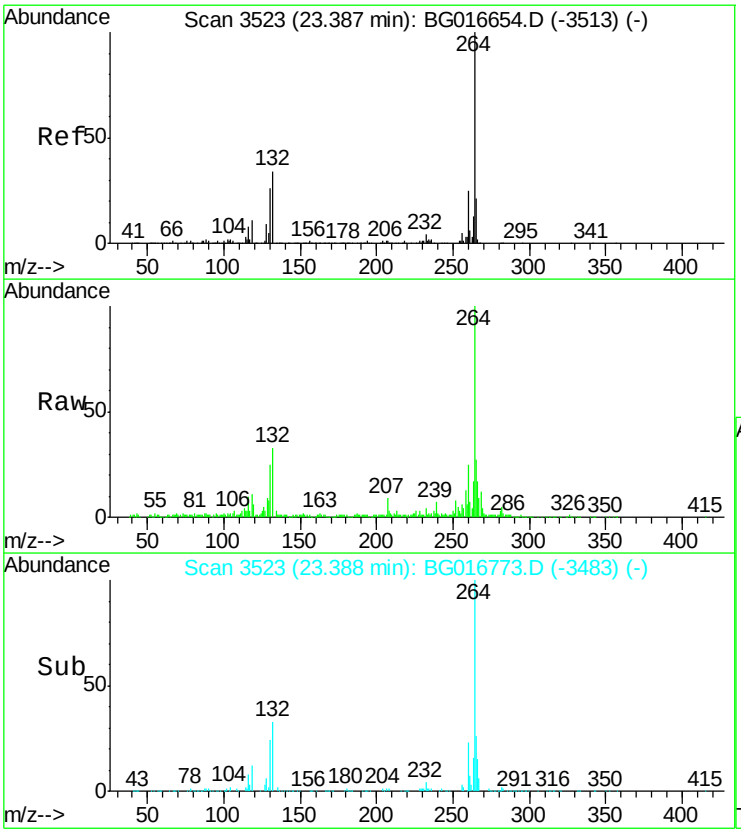
#85
Indeno(1,2,3-cd)pyrene
Concen: 169.06 ng
RT: 25.66 min Scan# 3909
Delta R.T. 0.06 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:276 Resp: 2247414

Ion	Ratio	Lower	Upper
276	100		
138	41.4	38.2	57.2
277	23.0	21.4	32.2

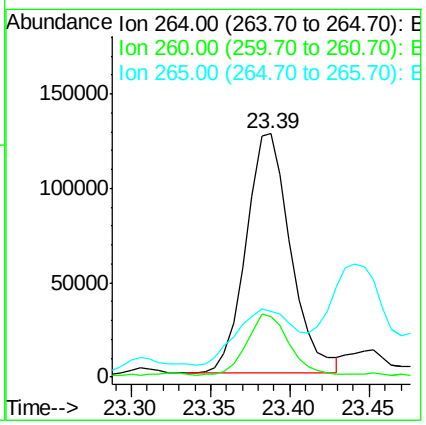


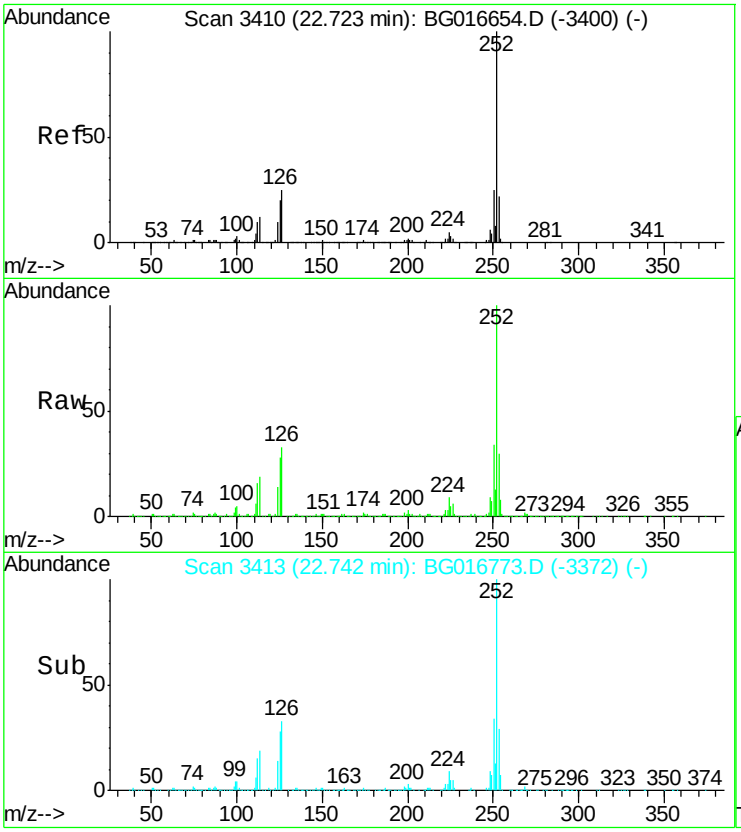


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.39 min Scan# 3523
Delta R.T. 0.03 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Tgt Ion:264 Resp: 249657

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	27.2	16.8	25.2#



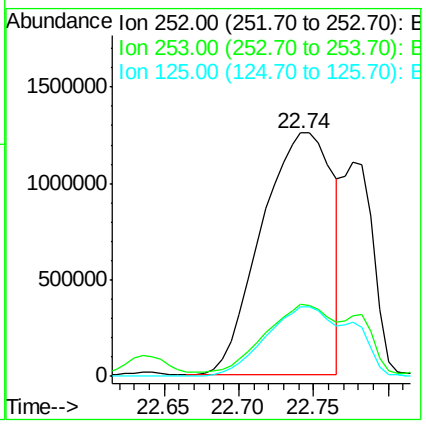


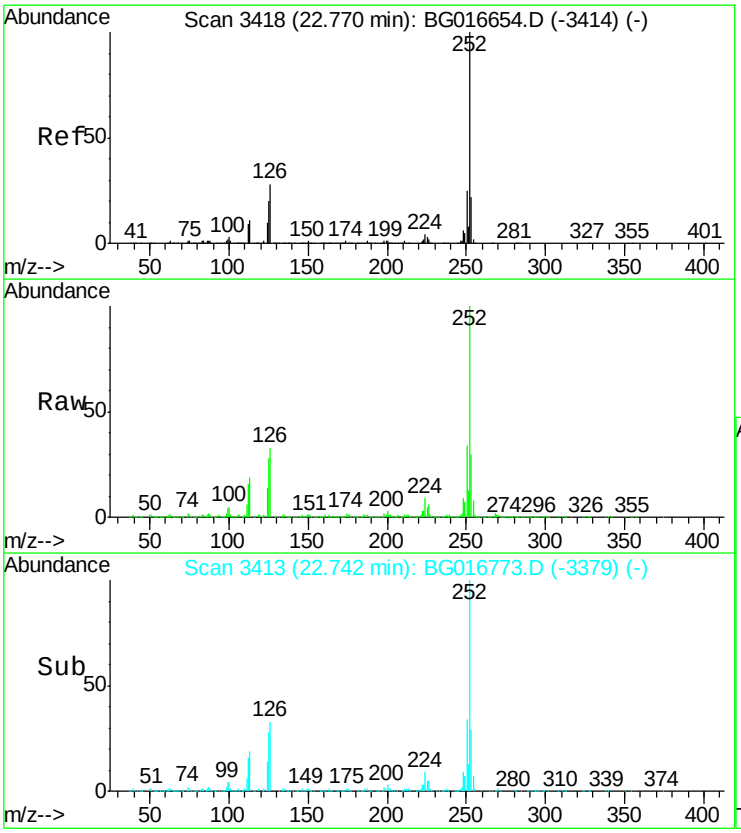
#87
Benzo(b)fluoranthene
Concen: 273.57 ng
RT: 22.74 min Scan# 3413
Delta R.T. 0.04 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:252 Resp: 4148623

Ion	Ratio	Lower	Upper
252	100		
253	29.7	17.9	26.9#
125	28.4	15.8	23.8#

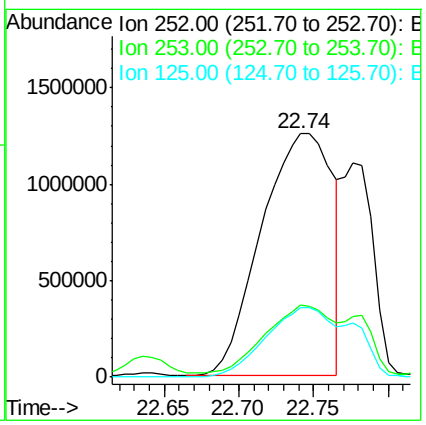


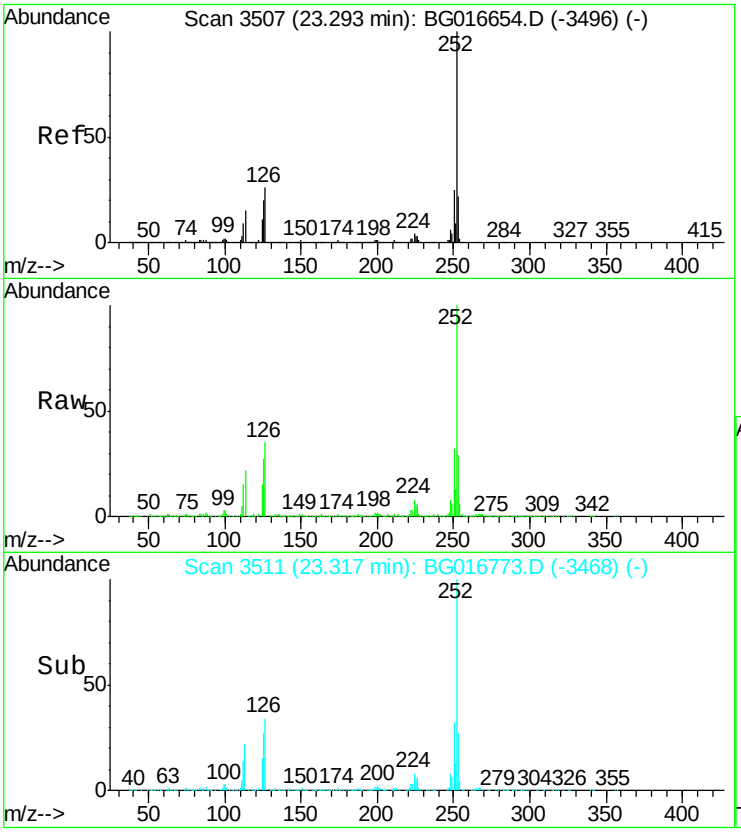


#88
Benzo(k)fluoranthene
Concen: 280.33 ng
RT: 22.74 min Scan# 3413
Delta R.T. -0.00 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Tgt Ion:252 Resp: 4148623

Ion	Ratio	Lower	Upper
252	100		
253	29.7	17.6	26.4#
125	28.4	15.5	23.3#



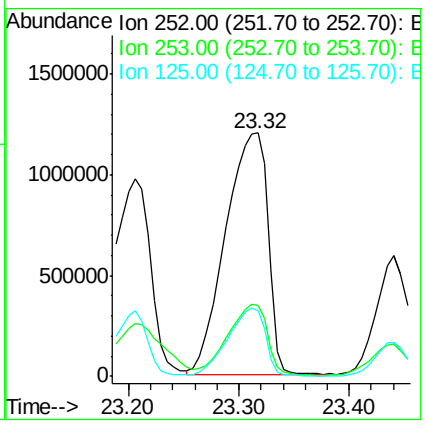


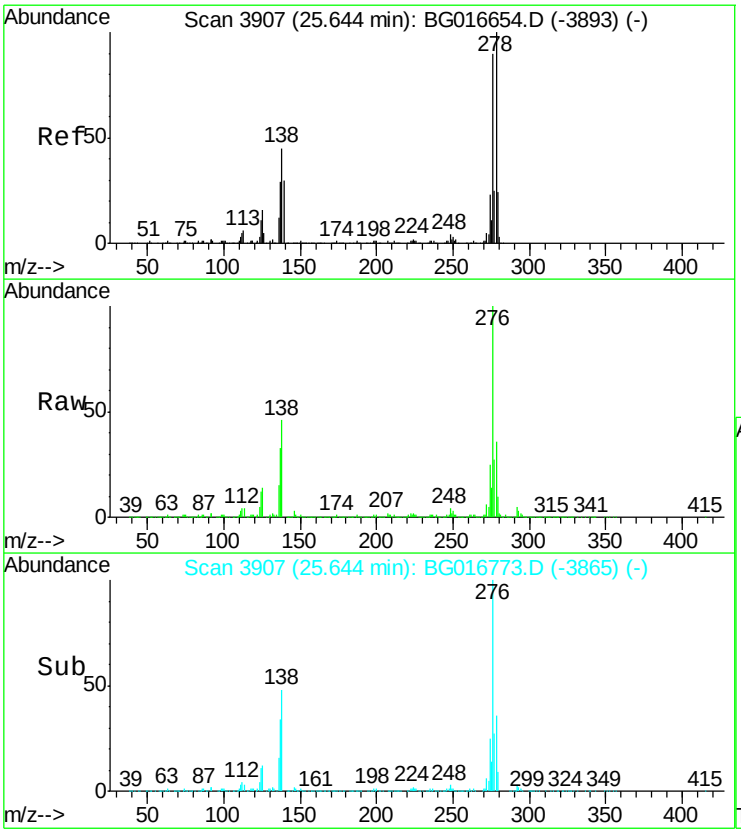
#89
Benzo(a)pyrene
Concen: 224.53 ng
RT: 23.32 min Scan# 3511
Delta R.T. 0.05 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:252 Resp: 3208551

Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.2	25.8#
125	27.0	16.3	24.5#

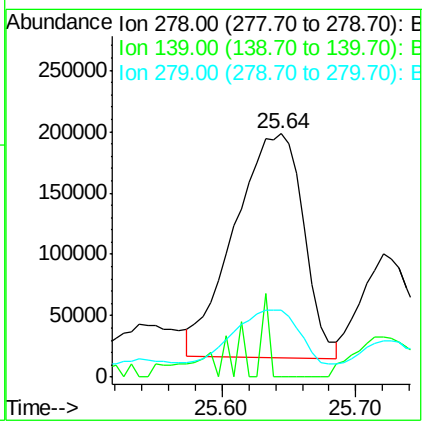


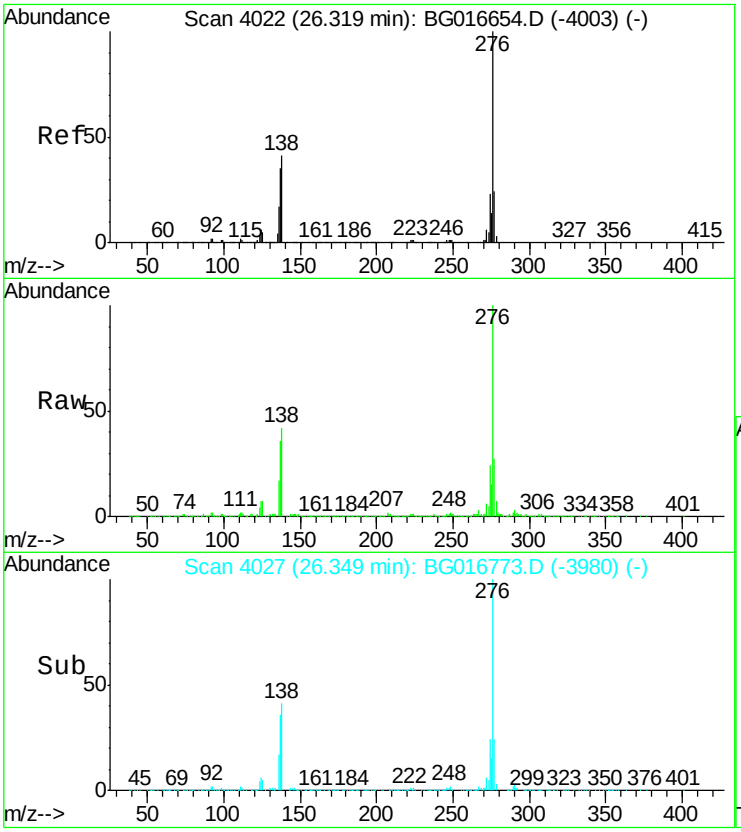


#90
Dibenzo(a,h)anthracene
Concen: 47.23 ng
RT: 25.64 min Scan# 3907
Delta R.T. 0.05 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Tgt Ion:278 Resp: 656265

Ion	Ratio	Lower	Upper
278	100		
139	0.0	24.2	36.2#
279	27.6	18.9	28.3





#91
Benzo(g,h,i)perylene
Concen: 141.45 ng
RT: 26.35 min Scan# 4027
Delta R.T. 0.08 min
Lab File: BG016773.D
Acq: 28 Apr 2015 20:11

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:276 Resp: 1999856

Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.3	28.9
138	42.2	32.8	49.2