Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072115\
Data File : BG018022.D
Acq On : 21 Jul 2015 14:27
Operator : TP/UM
Sample : G2954-06RE 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E2

Quant Time: Jul 22 01:47:18 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	7.56	152	106226	20.00	ng		-0.02
21) Naphthalene-d8	10.35	136	470941	20.00	ng		-0.02
38) Acenaphthene-d10	14.23	164	291921	20.00	ng		-0.01
63) Phenanthrene-d10	16.98	188	580860	20.00	ng		-0.02
75) Chrysene-d12	21.19	240	610059	20.00	ng		-0.01
86) Perylene-d12	23.41	264	630334	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	414483	68.07	ng		-0.02
7) Phenol-d6	6.75	99	558637	70.03	ng		-0.01
23) Nitrobenzene-d5	8.72	82	326968	44.97	ng		-0.02
41) 2,4,6-Tribromophenol	15.73	330	237008	80.14	ng		-0.01
44) 2-Fluorobiphenyl	12.85	172	834749	49.55	ng		-0.01
78) Terphenyl-d14	19.63	244	1101410	45.48	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	10.40	128	94668	4.11	ng		99
32) Benzoic acid	9.66	122	59	Below Cal		#	49
37) 2-Methylnaphthalene	12.02	142	36442	2.20	ng		97
49) Dimethylphthalate	13.69	163	190529	9.40	ng		98
51) Acenaphthene	14.29	154	80388	4.81	ng		98
54) Dibenzofuran	14.63	168	73177	3.03	ng		94
57) Fluorene	15.28	166	78697	3.79	ng	#	95
64) 4,6-Dinitro-2-methylphenol	15.27	198	279	Below Cal		#	1
70) Phenanthrene	17.03	178	1103790	36.84	ng		99
71) Anthracene	17.12	178	287916	9.88	ng		98
72) Carbazole	17.39	167	98285	3.57	ng		97
74) Fluoranthene	19.06	202	1614443	49.22	ng		96
77) Pyrene	19.43	202	1484518	43.63	ng		98
80) Benzo(a)anthracene	21.18	228	873744	27.12	ng		99
82) Chrysene	21.22	228	809142	26.37	ng		97
85) Indeno(1,2,3-cd)pyrene	25.66	276	567328	15.29	ng	#	91
87) Benzo(b)fluoranthene	22.75	252	1502791	43.57	ng		98
88) Benzo(k)fluoranthene	22.75	252	1502791	43.64	ng		98
89) Benzo(a)pyrene	23.32	252	828166	25.77	ng		97
90) Dibenzo(a,h)anthracene	25.92	278	109963	3.30	ng		93
91) Benzo(g,h,i)perylene	26.35	276	562037	17.49	ng		96

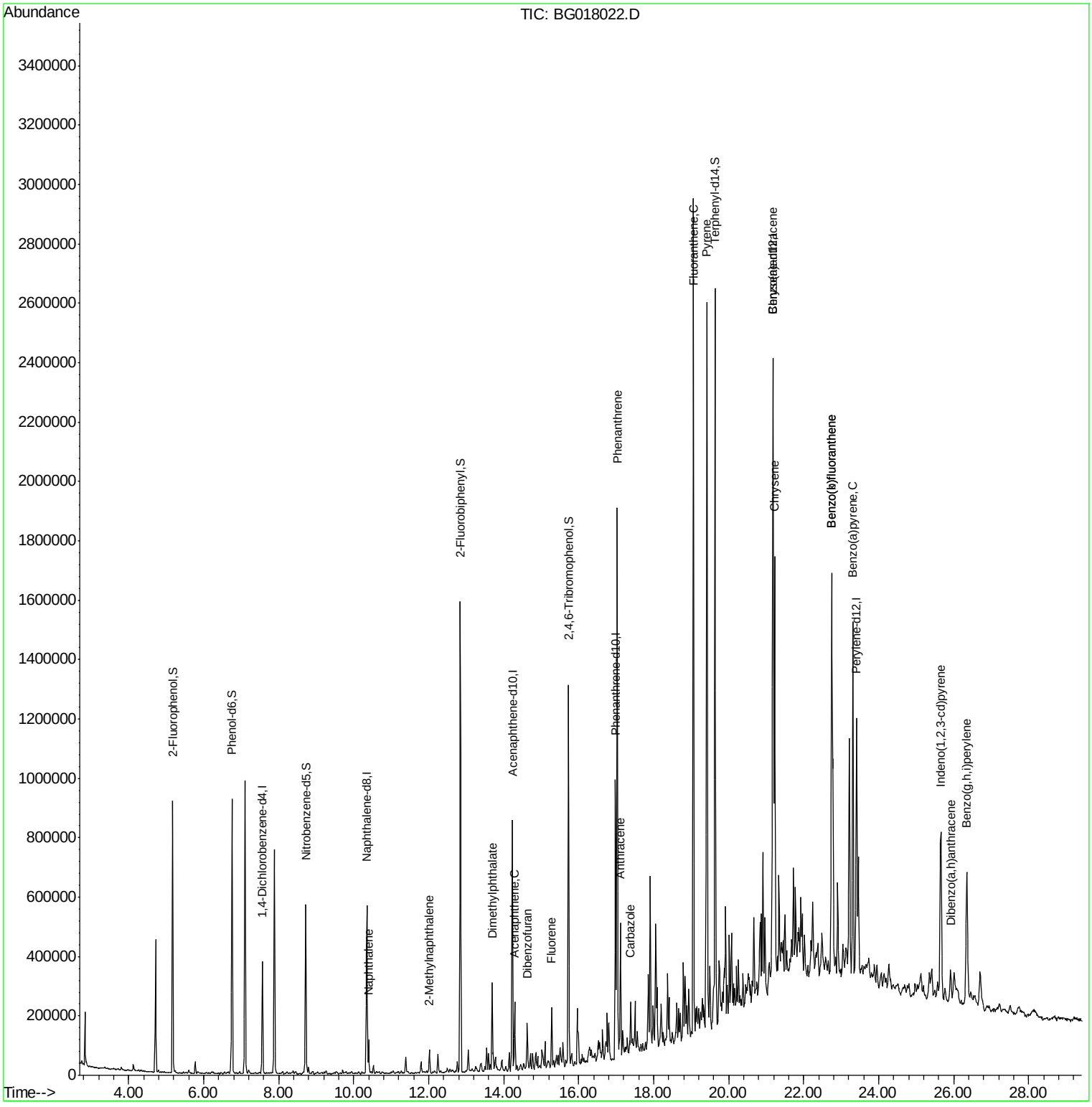
(#) = qualifier out of range (m) = manual integration (+) = signals summed

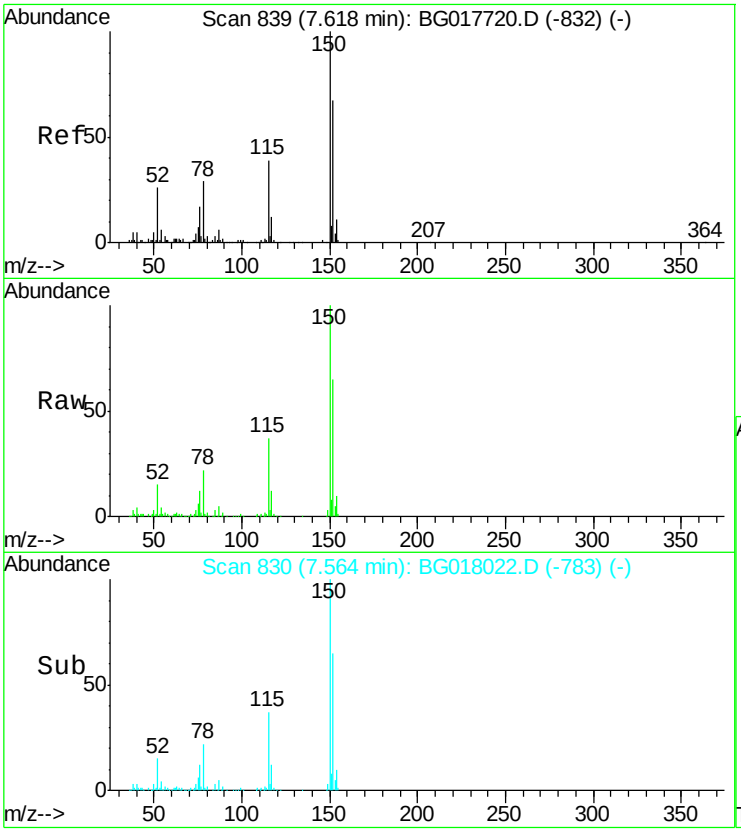
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072115\
Data File : BG018022.D
Acq On : 21 Jul 2015 14:27
Operator : TP/UM
Sample : G2954-06RE 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEC-E2

Quant Time: Jul 22 01:47:18 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



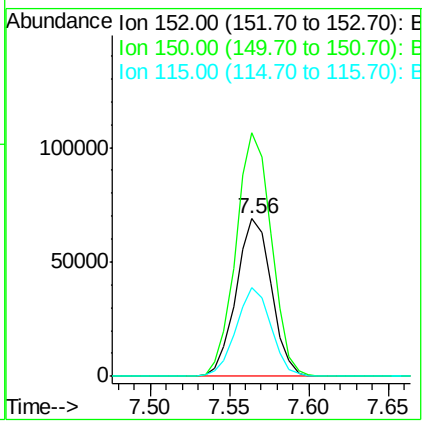


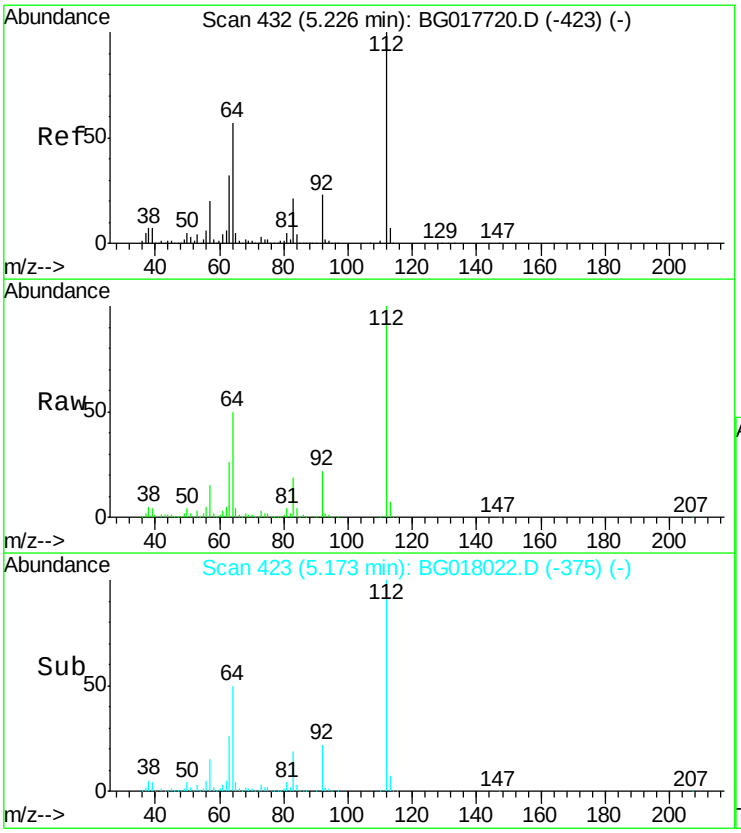
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 830
Delta R.T. -0.02 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Instrument :
BNA_G
ClientSampleId :
TEC-E2

Tgt Ion:152 Resp: 106226

Ion	Ratio	Lower	Upper
152	100		
150	154.3	119.1	178.7
115	56.5	47.0	70.4

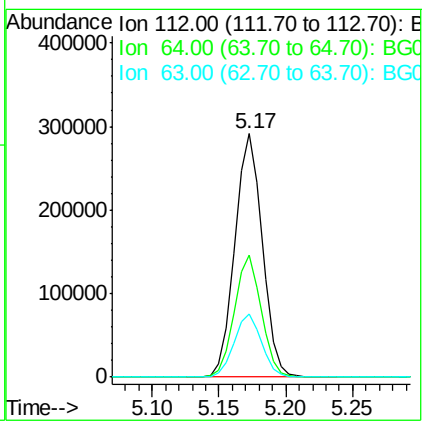


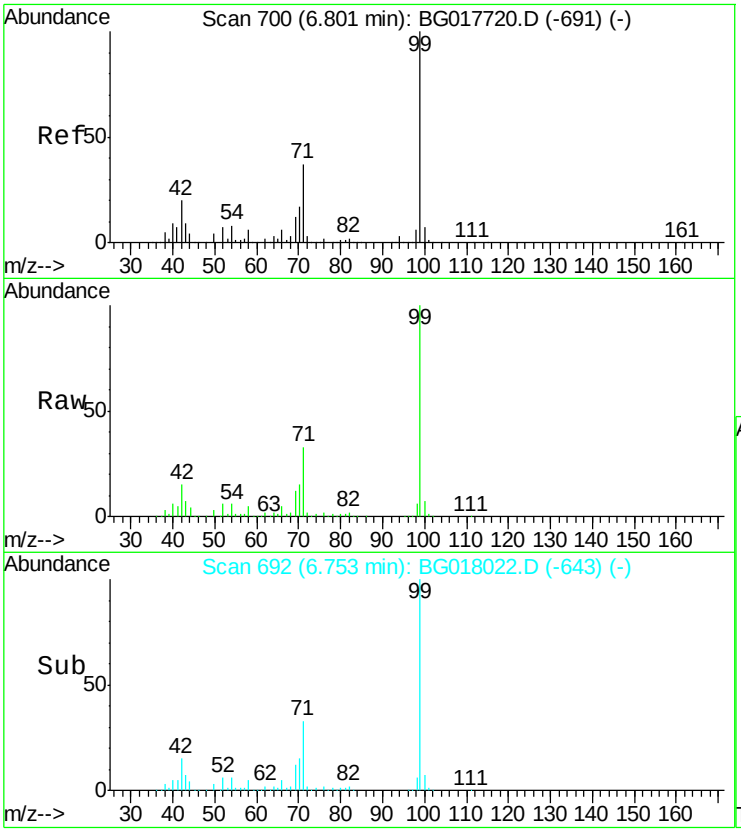


#5
2-Fluorophenol
Concen: 68.07 ng
RT: 5.17 min Scan# 423
Delta R.T. -0.02 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Tgt Ion:112 Resp: 414483

Ion	Ratio	Lower	Upper
112	100		
64	50.1	45.4	68.0
63	26.1	25.3	37.9



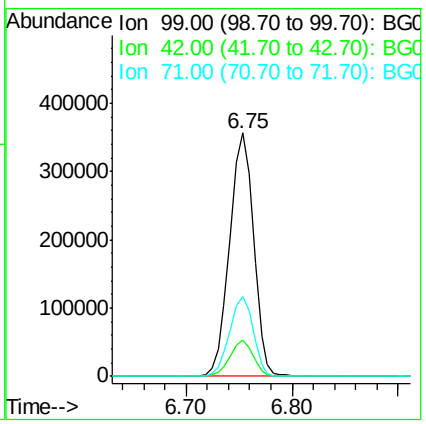


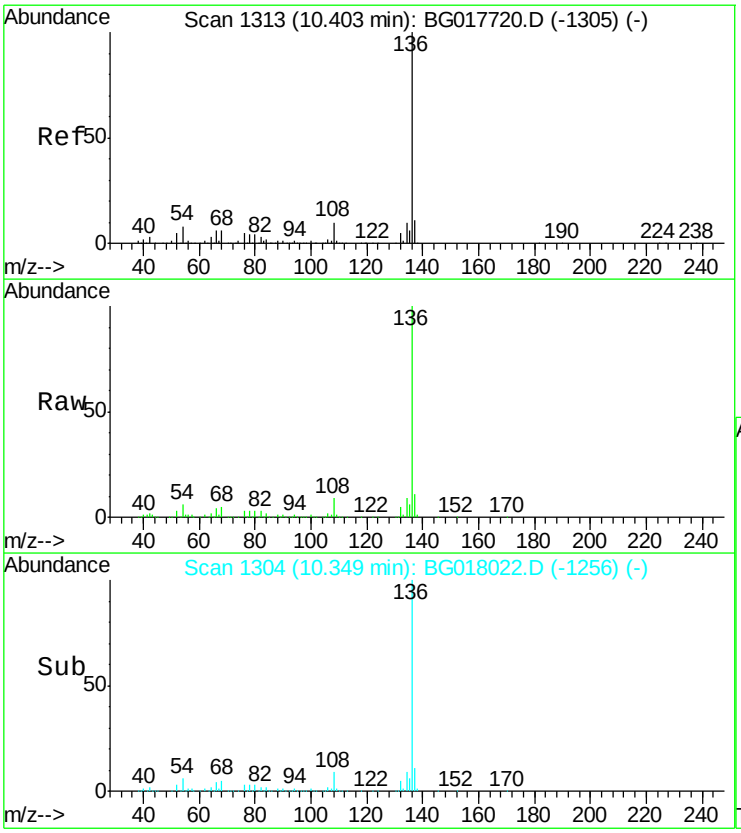
#7
Phenol-d6
Concen: 70.03 ng
RT: 6.75 min Scan# 692
Delta R.T. -0.01 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Instrument :
BNA_G
ClientSampleId :
TEC-E2

Tgt Ion: 99 Resp: 558637

Ion	Ratio	Lower	Upper
99	100		
42	15.1	16.2	24.4#
71	32.9	29.5	44.3

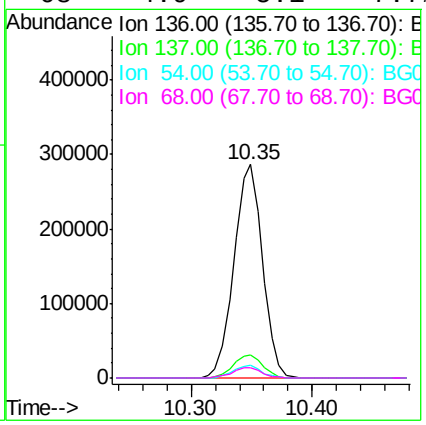


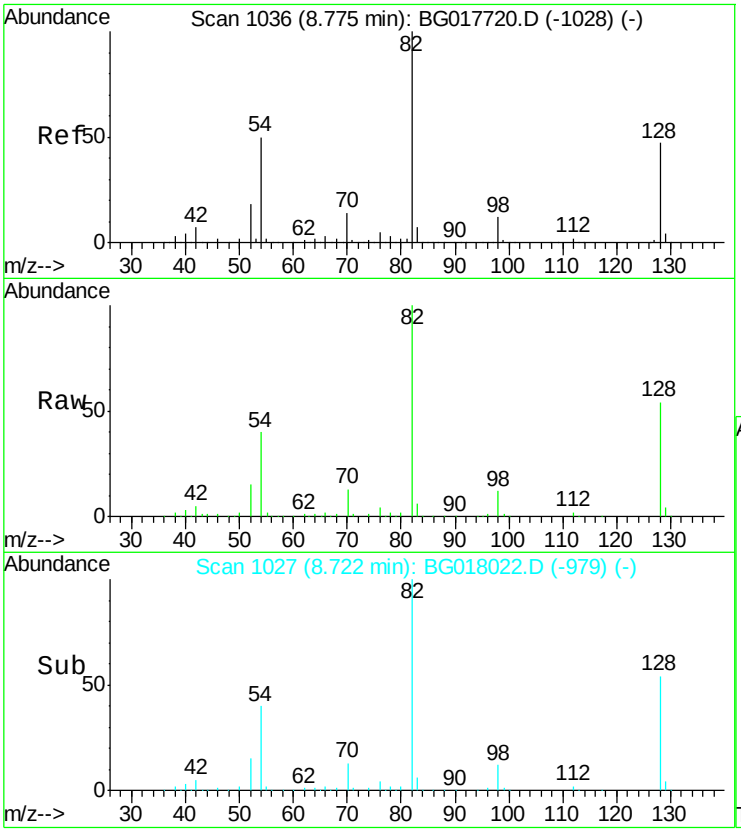


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Tgt Ion:136 Resp: 470941

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	5.8	6.6	9.8#
68	4.9	5.1	7.7#



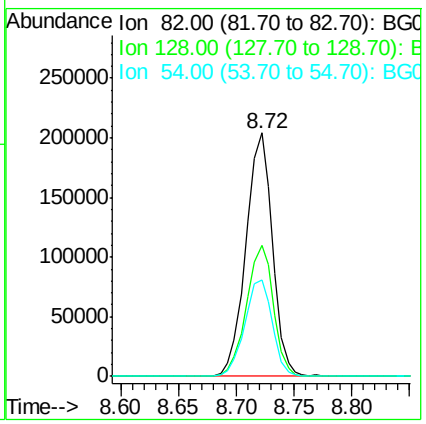


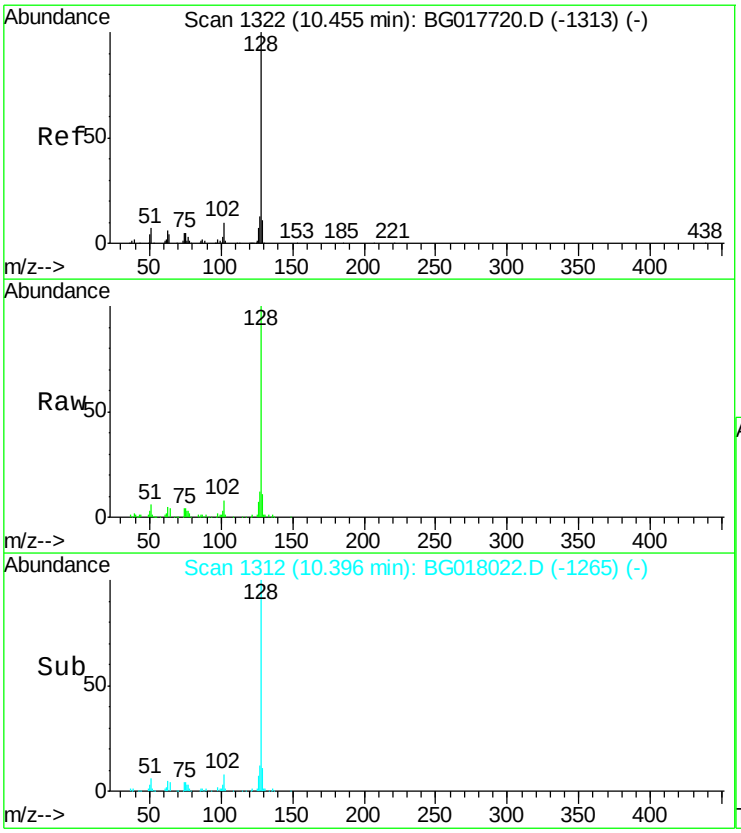
#23
Nitrobenzene-d5
Concen: 44.97 ng
RT: 8.72 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Instrument :
BNA_G
ClientSampleId :
TEC-E2

Tgt Ion: 82 Resp: 326968

Ion	Ratio	Lower	Upper
82	100		
128	53.6	37.8	56.6
54	39.7	39.9	59.9#

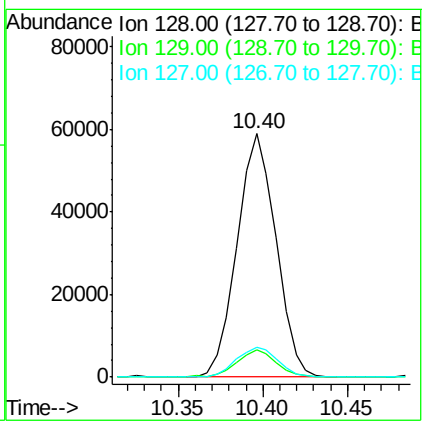


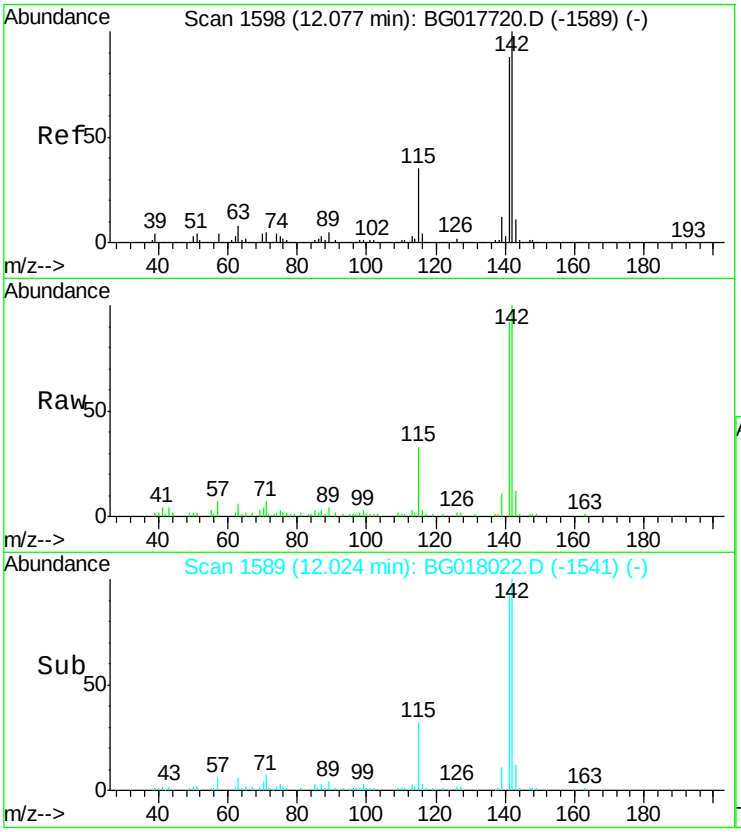


#31
Naphthalene
Concen: 4.11 ng
RT: 10.40 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Tgt Ion:128 Resp: 94668

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	12.3	10.7	16.1



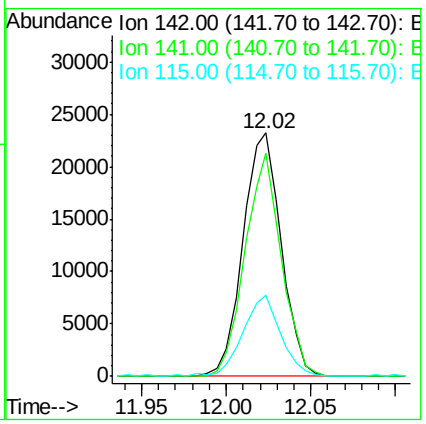


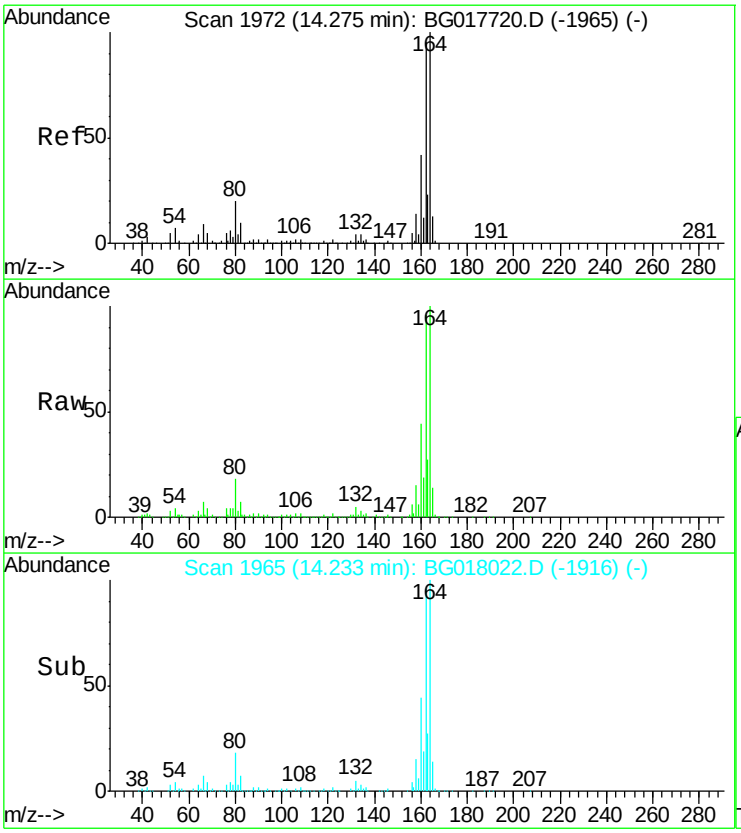
#37
2-Methylnaphthalene
Concen: 2.20 ng
RT: 12.02 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Instrument :
BNA_G
ClientSampleId :
TEC-E2

Tgt Ion:142 Resp: 36442

Ion	Ratio	Lower	Upper
142	100		
141	91.9	70.7	106.1
115	33.3	27.8	41.8

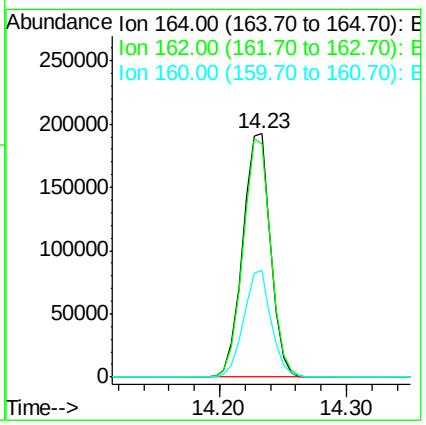


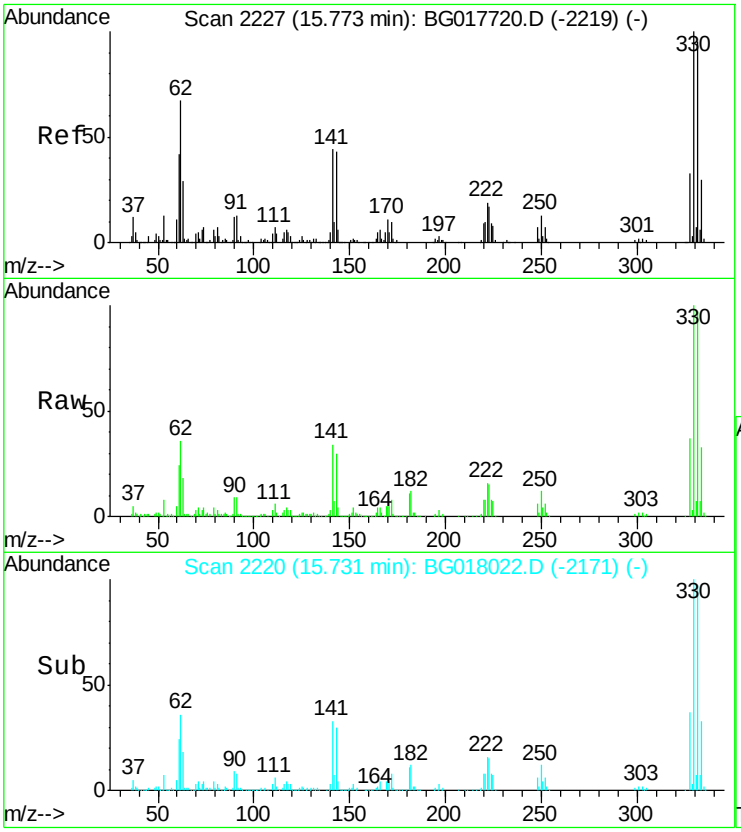


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.23 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Tgt Ion:164 Resp: 291921

Ion	Ratio	Lower	Upper
164	100		
162	95.8	76.3	114.5
160	43.7	33.7	50.5



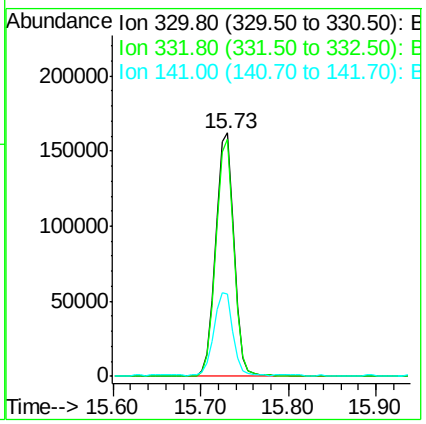


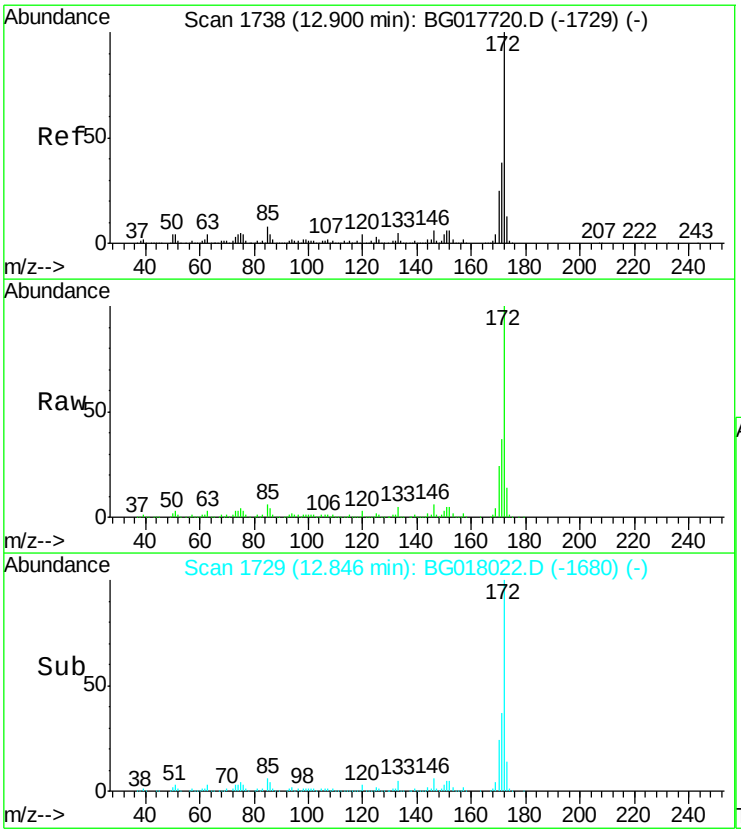
#41
2,4,6-Tribromophenol
Concen: 80.14 ng
RT: 15.73 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Instrument :
BNA_G
ClientSampleId :
TEC-E2

Tgt Ion:330 Resp: 237008

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.8	115.2
141	34.7	38.0	57.0#

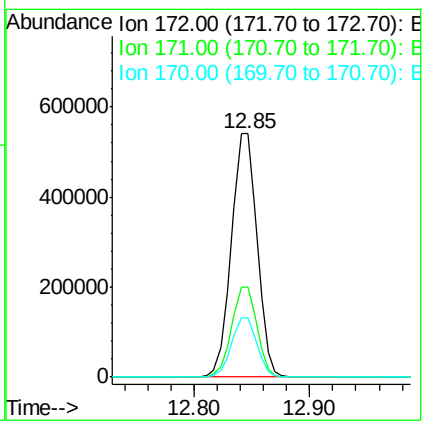


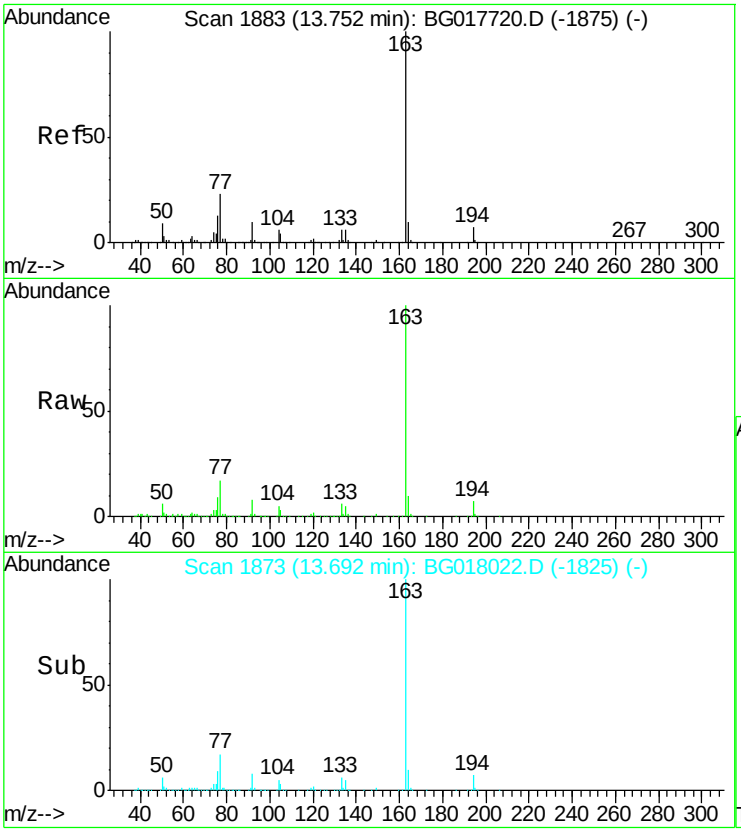


#44
2-Fluorobiphenyl
Concen: 49.55 ng
RT: 12.85 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Tgt Ion:172 Resp: 834749

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.7	46.1
170	24.5	19.7	29.5



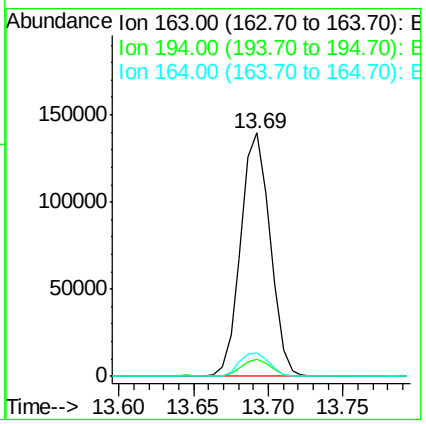


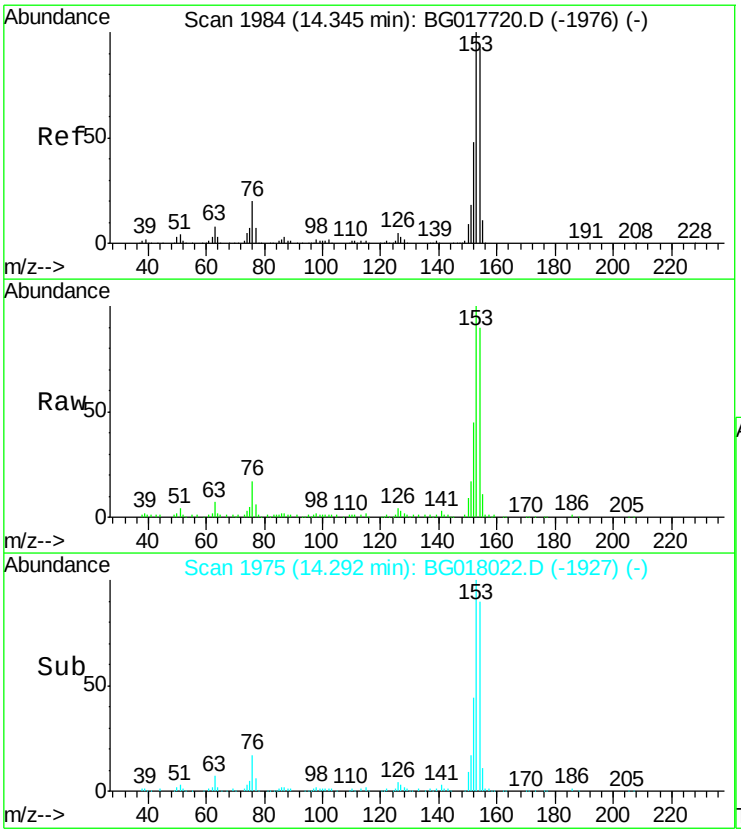
#49
Dimethylphthalate
Concen: 9.40 ng
RT: 13.69 min Scan# 1873
Delta R.T. -0.02 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Instrument :
BNA_G
ClientSampleId :
TEC-E2

Tgt Ion:163 Resp: 190529

Ion	Ratio	Lower	Upper
163	100		
194	6.8	5.8	8.6
164	9.5	8.3	12.5

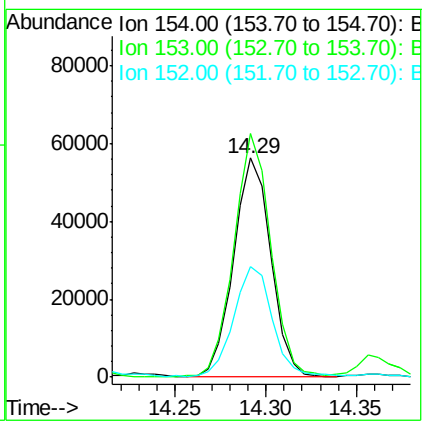


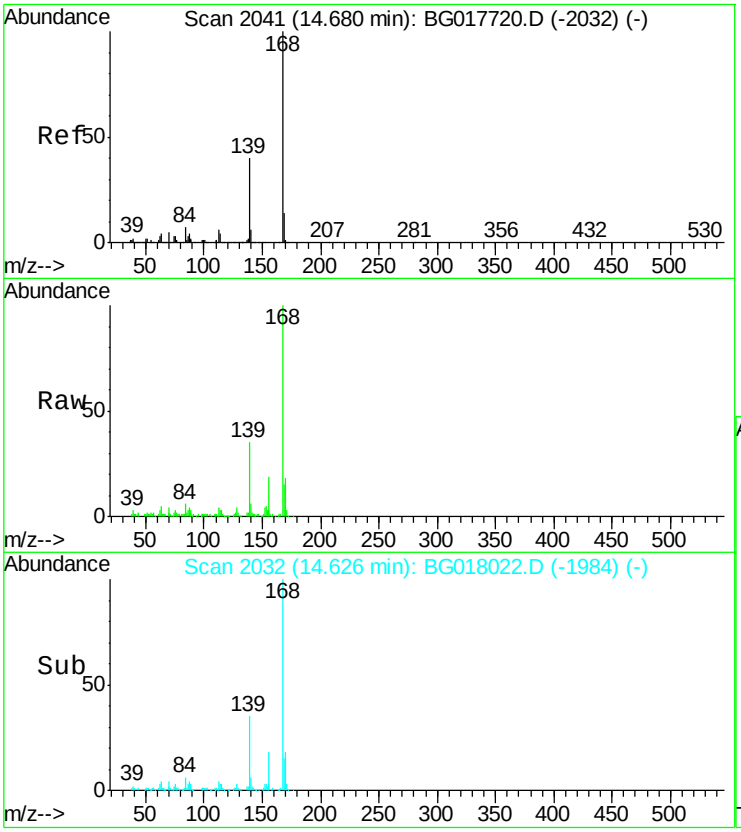


#51
Acenaphthene
Concen: 4.81 ng
RT: 14.29 min Scan# 1975
Delta R.T. -0.02 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Tgt Ion:154 Resp: 80388

Ion	Ratio	Lower	Upper
154	100		
153	111.3	87.0	130.4
152	50.5	41.4	62.0



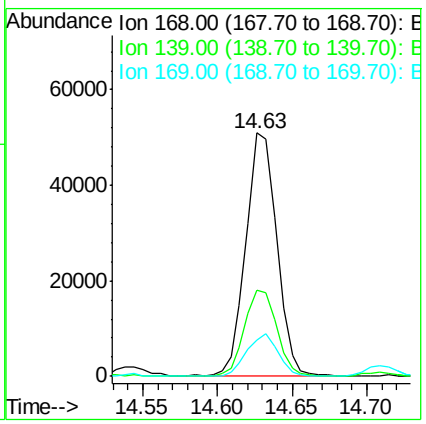


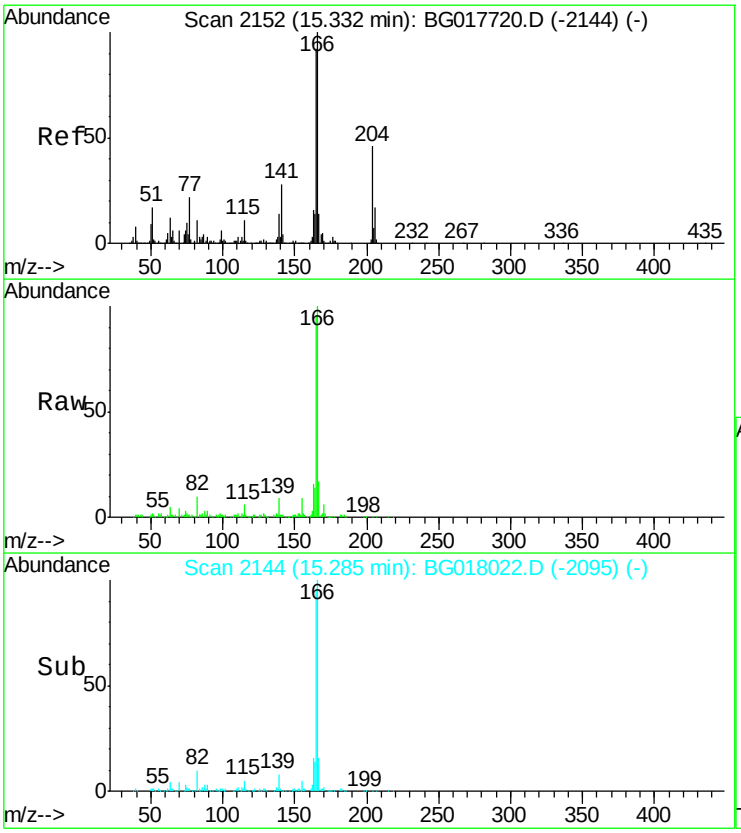
#54
Dibenzofuran
Concen: 3.03 ng
RT: 14.63 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Instrument :
BNA_G
ClientSampleId :
TEC-E2

Tgt Ion:168 Resp: 73177

Ion	Ratio	Lower	Upper
168	100		
139	35.2	32.2	48.2
169	14.8	11.3	16.9

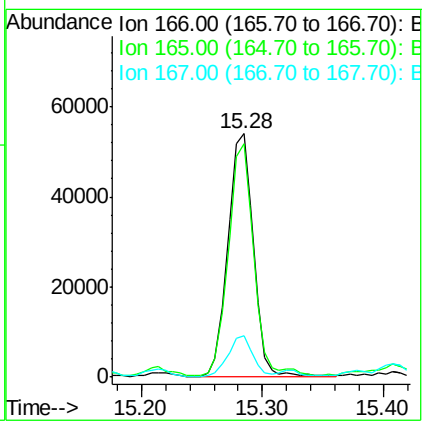


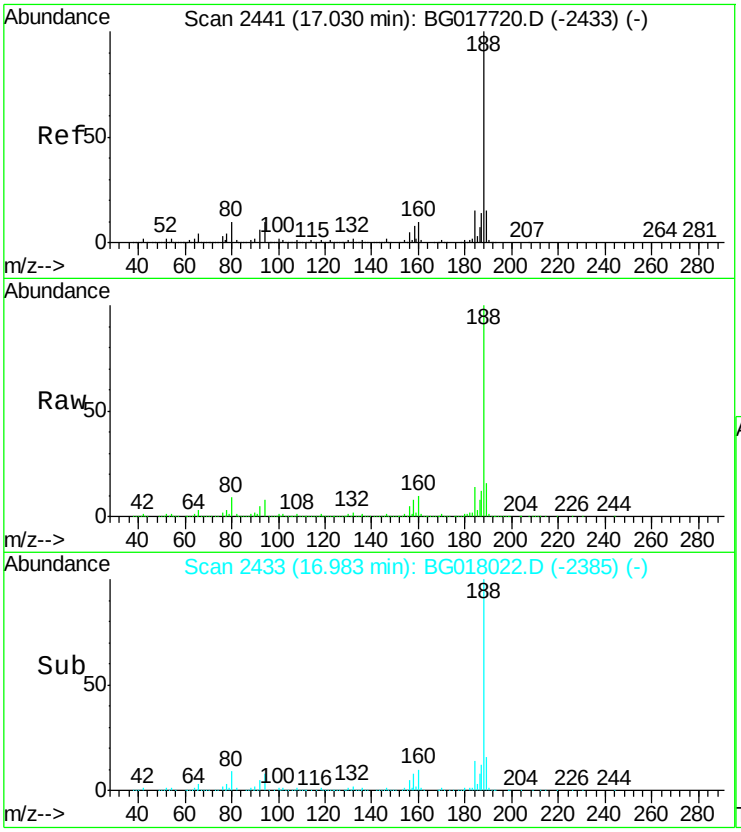


#57
Fluorene
Concen: 3.79 ng
RT: 15.28 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Tgt Ion:166 Resp: 78697

Ion	Ratio	Lower	Upper
166	100		
165	96.0	73.4	110.0
167	16.7	11.0	16.6#



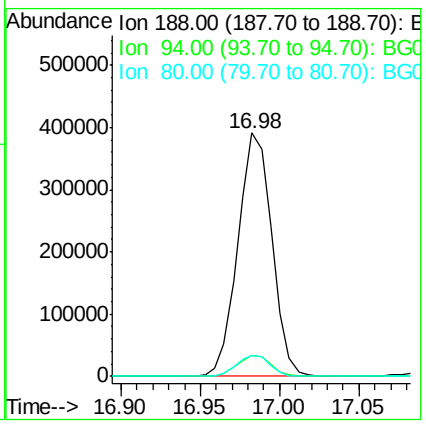


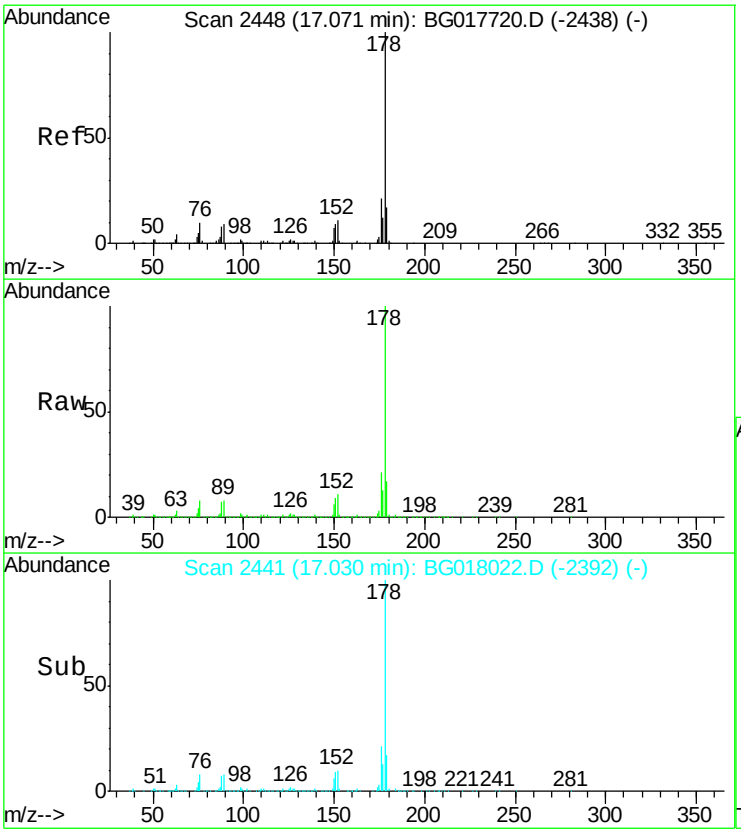
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.98 min Scan# 2433
Delta R.T. -0.02 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Instrument :
BNA_G
ClientSampleId :
TEC-E2

Tgt Ion:188 Resp: 580860

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.2
80	8.8	8.2	12.4

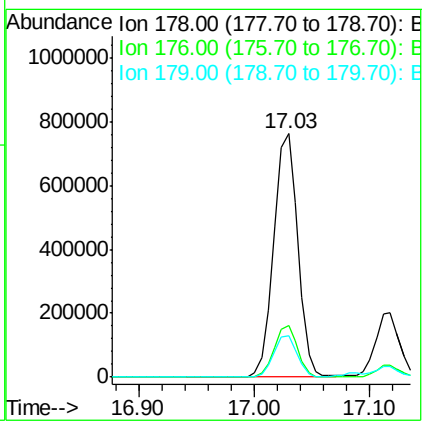


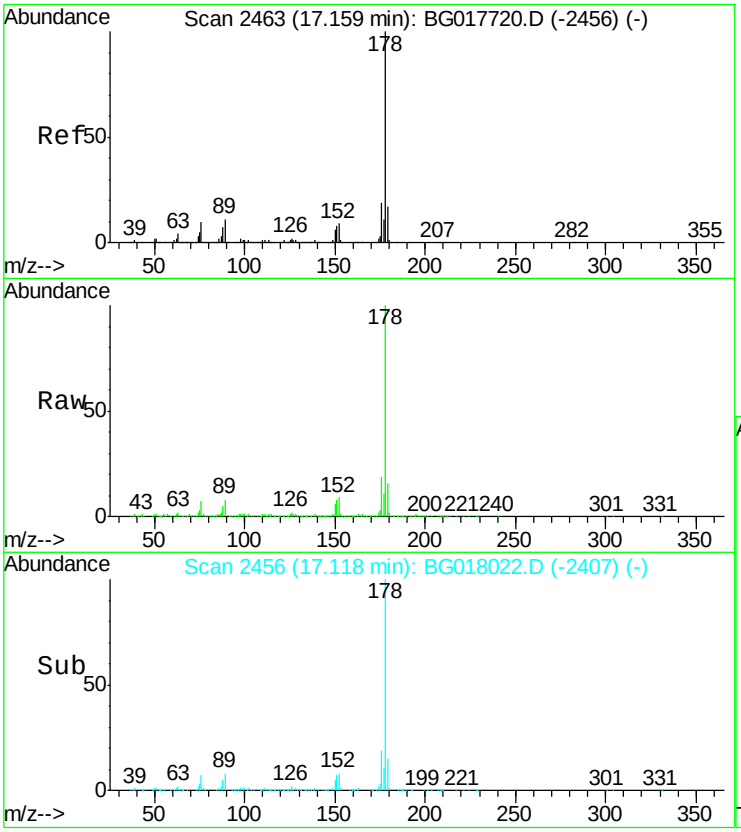


#70
Phenanthrene
Concen: 36.84 ng
RT: 17.03 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Tgt Ion:178 Resp: 1103790

Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.5	24.7
179	17.2	13.5	20.3



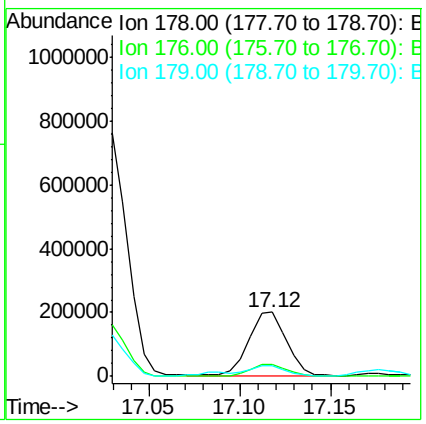


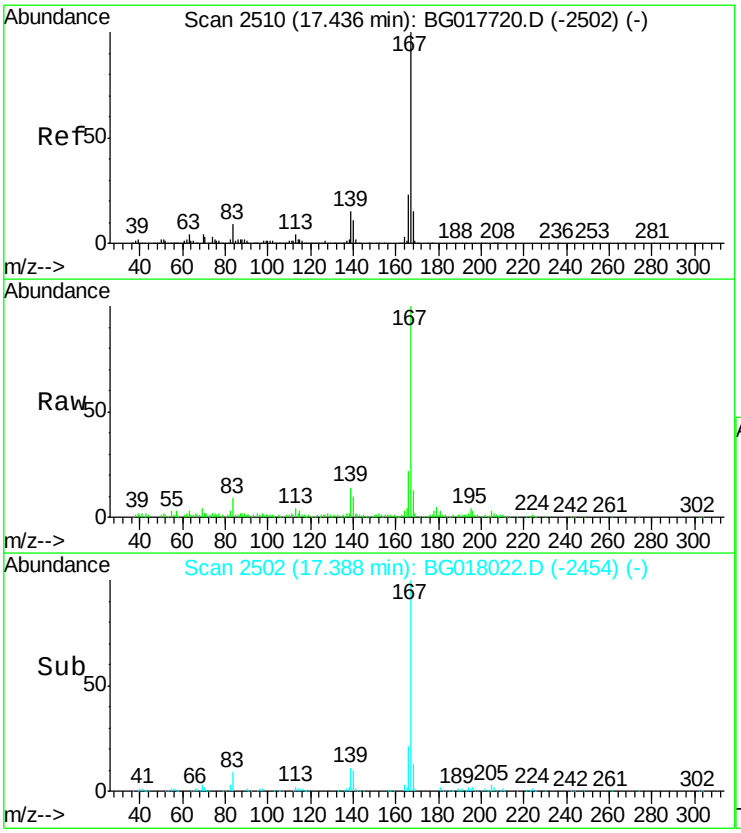
#71
Anthracene
Concen: 9.88 ng
RT: 17.12 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Instrument :
BNA_G
ClientSampleId :
TEC-E2

Tgt Ion:178 Resp: 287916

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.2	22.8
179	15.6	13.6	20.4

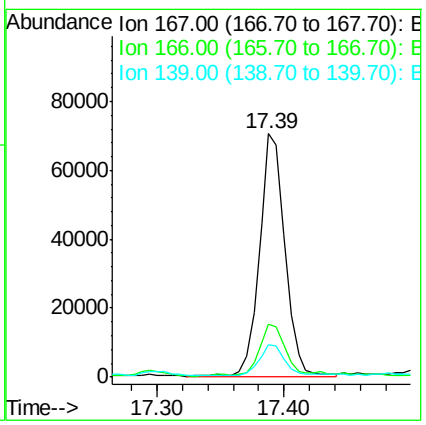


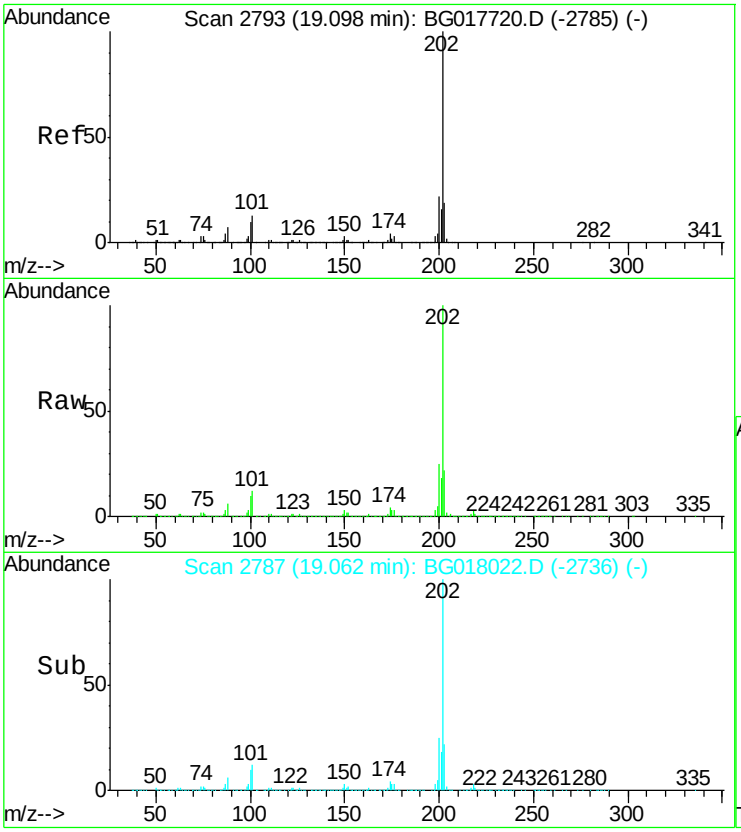


#72
Carbazole
Concen: 3.57 ng
RT: 17.39 min Scan# 2502
Delta R.T. -0.02 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Tgt Ion:167 Resp: 98285

Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.3	27.5
139	13.5	11.9	17.9



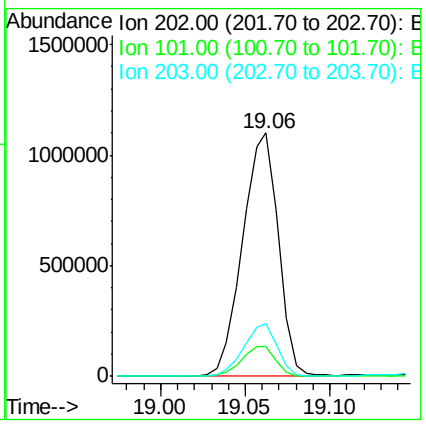


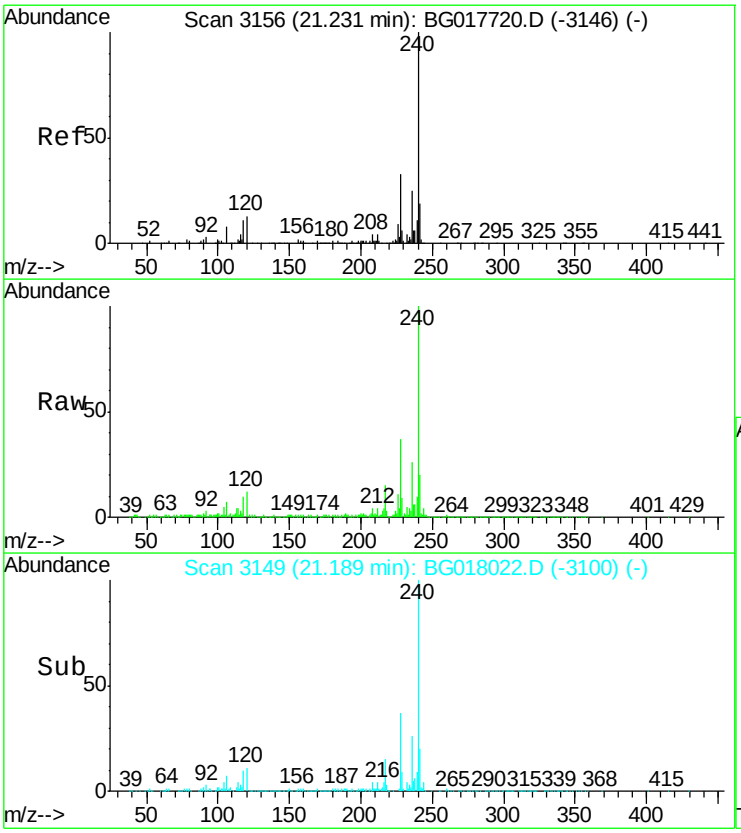
#74
Fluoranthene
Concen: 49.22 ng
RT: 19.06 min Scan# 2787
Delta R.T. -0.00 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Instrument :
BNA_G
ClientSampleId :
TEC-E2

Tgt Ion:202 Resp: 1614443

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.3
203	21.7	0.0	39.5

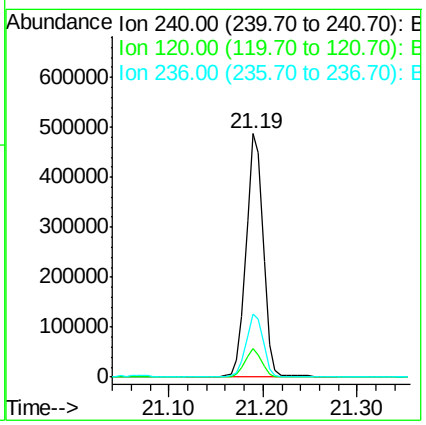


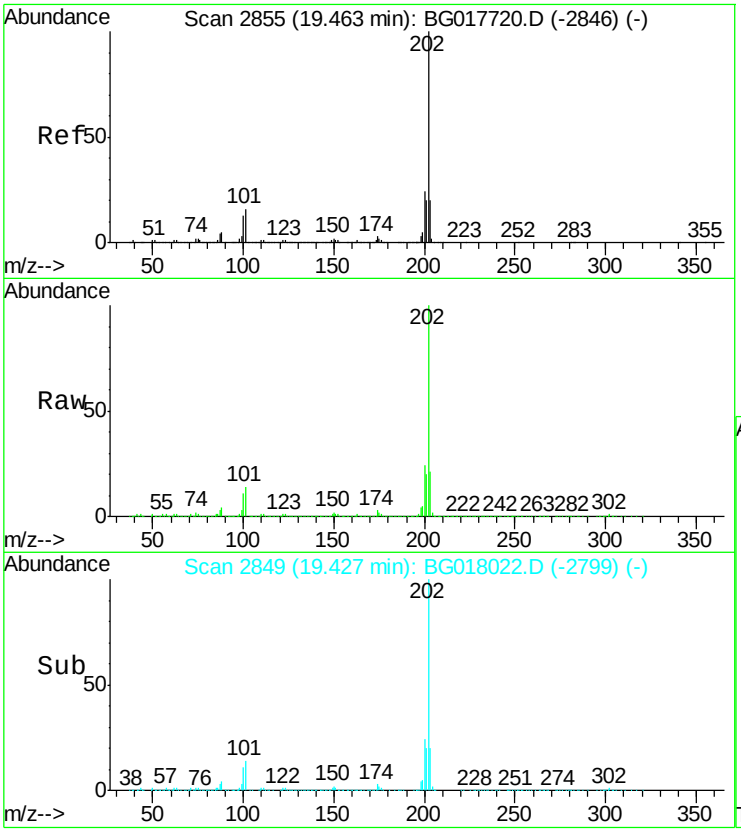


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.19 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Tgt Ion:240 Resp: 610059

Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.8	16.2
236	25.8	20.0	30.0



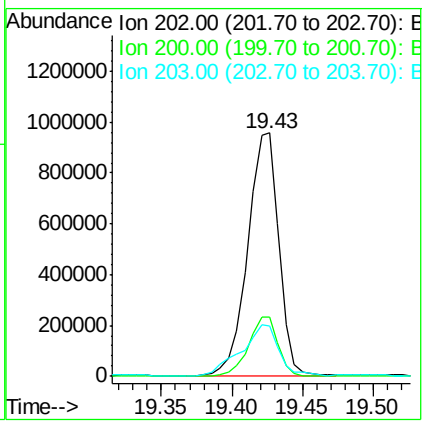


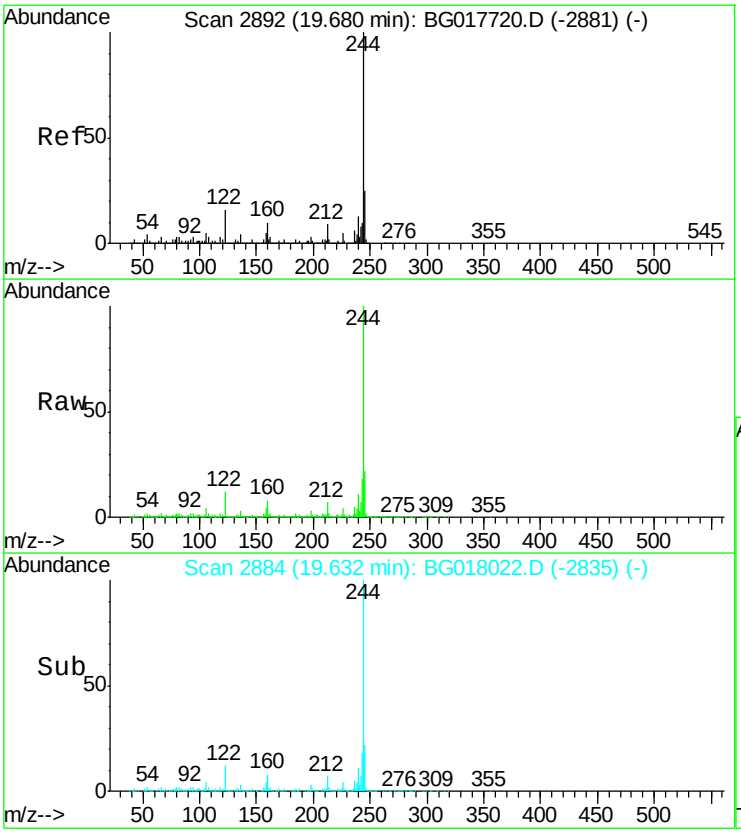
#77
Pyrene
Concen: 43.63 ng
RT: 19.43 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Instrument :
BNA_G
ClientSampleId :
TEC-E2

Tgt Ion:202 Resp: 1484518

Ion	Ratio	Lower	Upper
202	100		
200	24.2	18.8	28.2
203	20.7	15.9	23.9

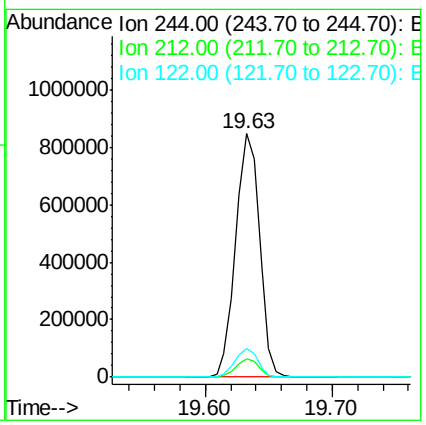


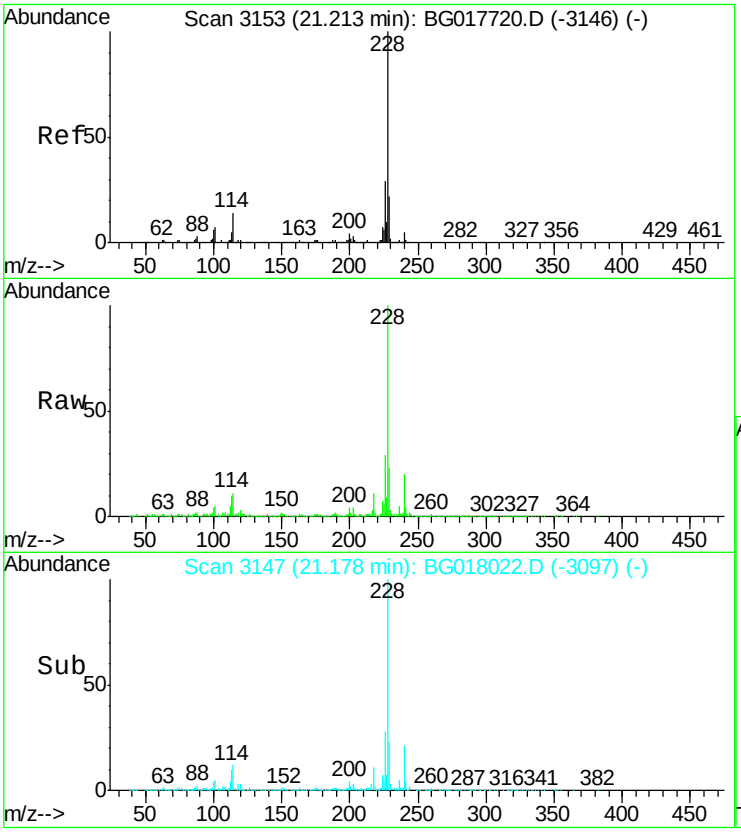


#78
Terphenyl-d14
Concen: 45.48 ng
RT: 19.63 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Tgt Ion:244 Resp: 1101410

Ion	Ratio	Lower	Upper
244	100		
212	7.3	7.2	10.8
122	11.9	12.8	19.2#



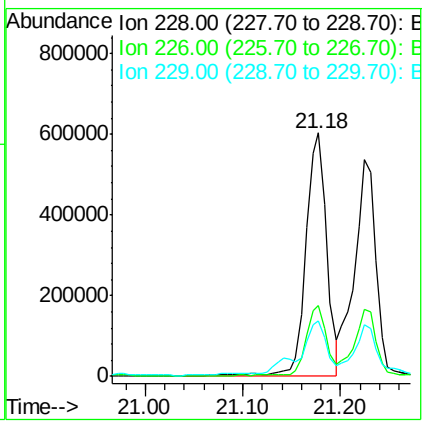


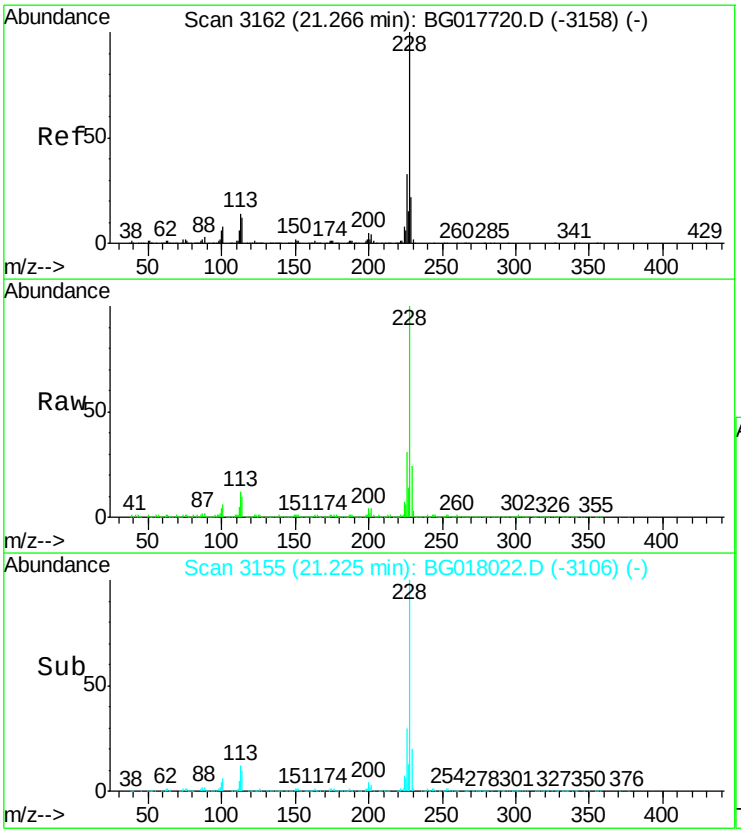
#80
Benzo(a)anthracene
Concen: 27.12 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Instrument :
BNA_G
ClientSampleId :
TEC-E2

Tgt Ion:228 Resp: 873744

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.1	34.7
229	22.8	17.4	26.0

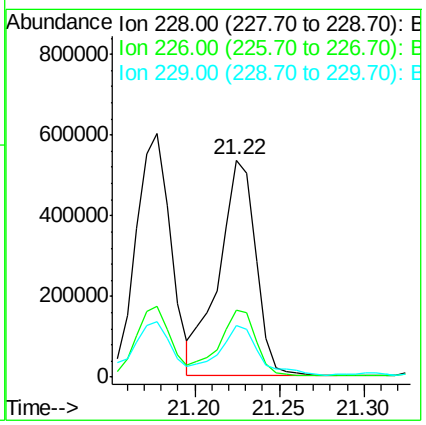


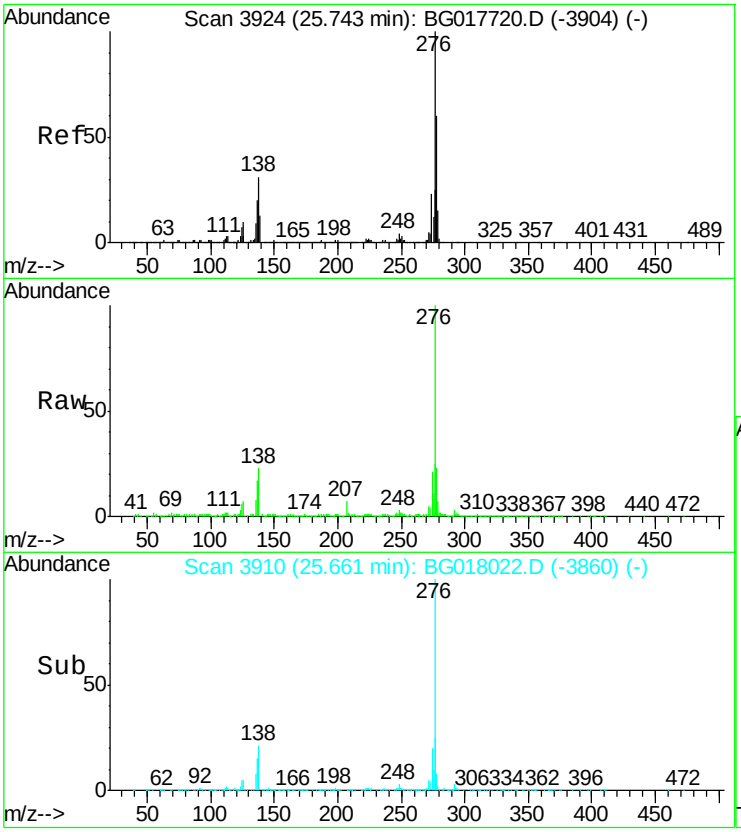


#82
Chrysene
Concen: 26.37 ng
RT: 21.22 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Tgt Ion:228 Resp: 809142

Ion	Ratio	Lower	Upper
228	100		
226	30.8	26.1	39.1
229	23.6	17.7	26.5



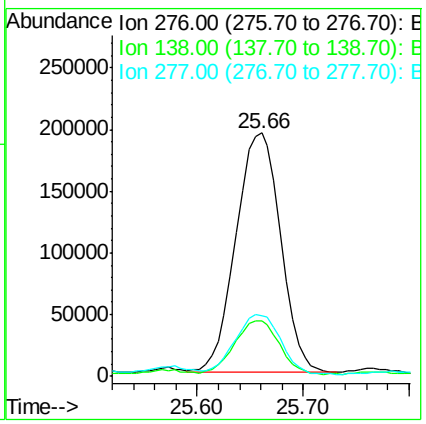


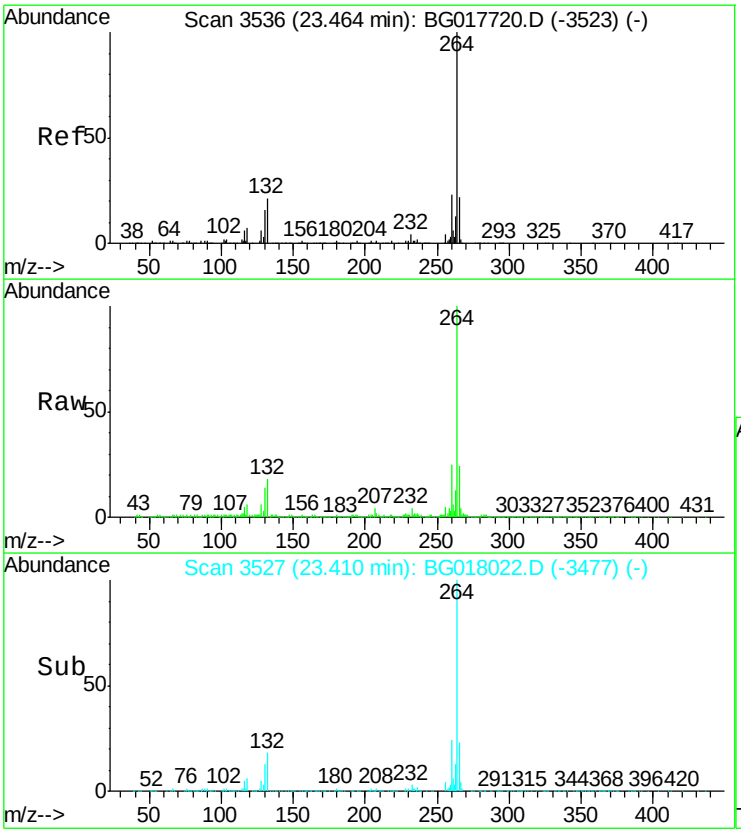
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.29 ng
RT: 25.66 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Instrument :
BNA_G
ClientSampleId :
TEC-E2

Tgt Ion:276 Resp: 567328

Ion	Ratio	Lower	Upper
276	100		
138	22.8	25.4	38.0#
277	26.1	21.0	31.4

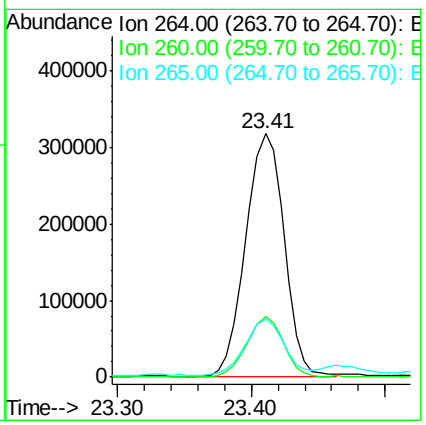


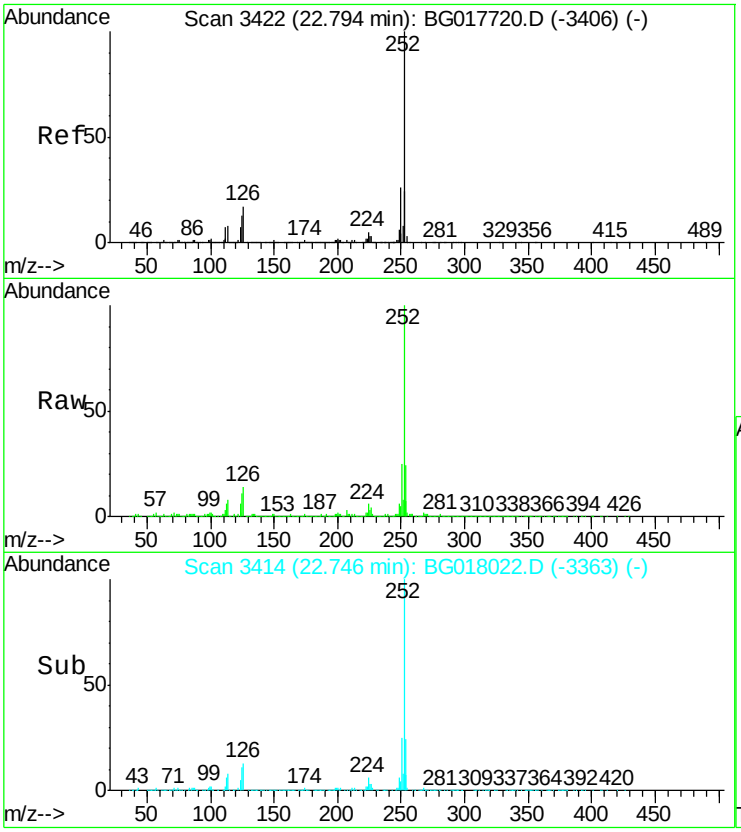


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.41 min Scan# 3527
Delta R.T. -0.01 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Tgt Ion:264 Resp: 630334

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	27.8
265	23.7	18.2	27.2



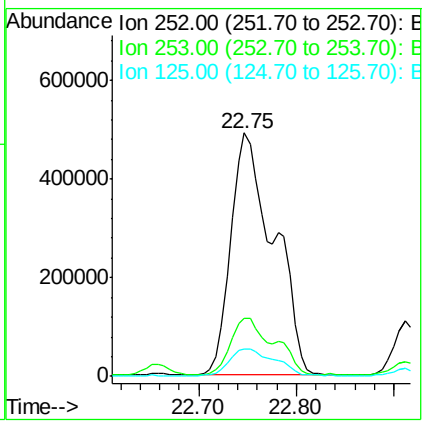


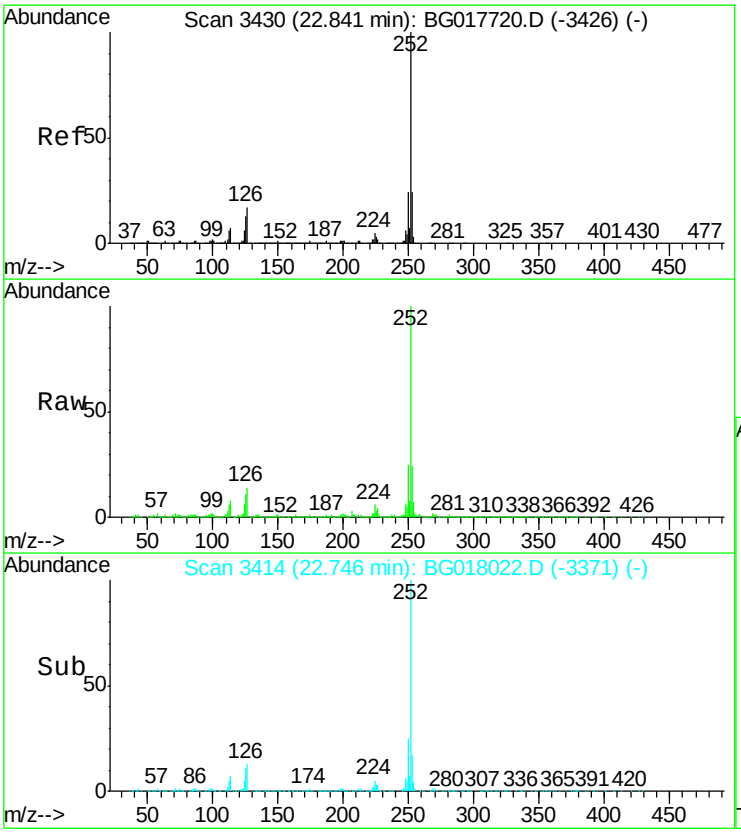
#87
Benzo(b)fluoranthene
Concen: 43.57 ng
RT: 22.75 min Scan# 3414
Delta R.T. -0.00 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Instrument :
BNA_G
ClientSampleId :
TEC-E2

Tgt Ion:252 Resp: 1502791

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.7	29.5
125	11.3	10.6	15.8

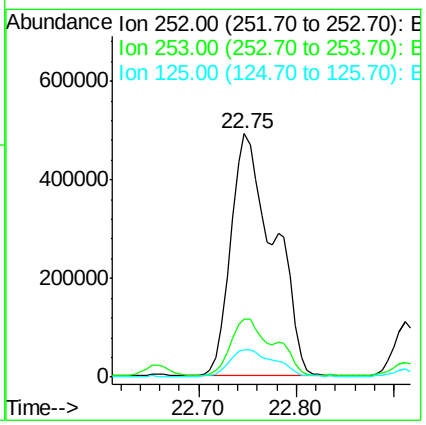


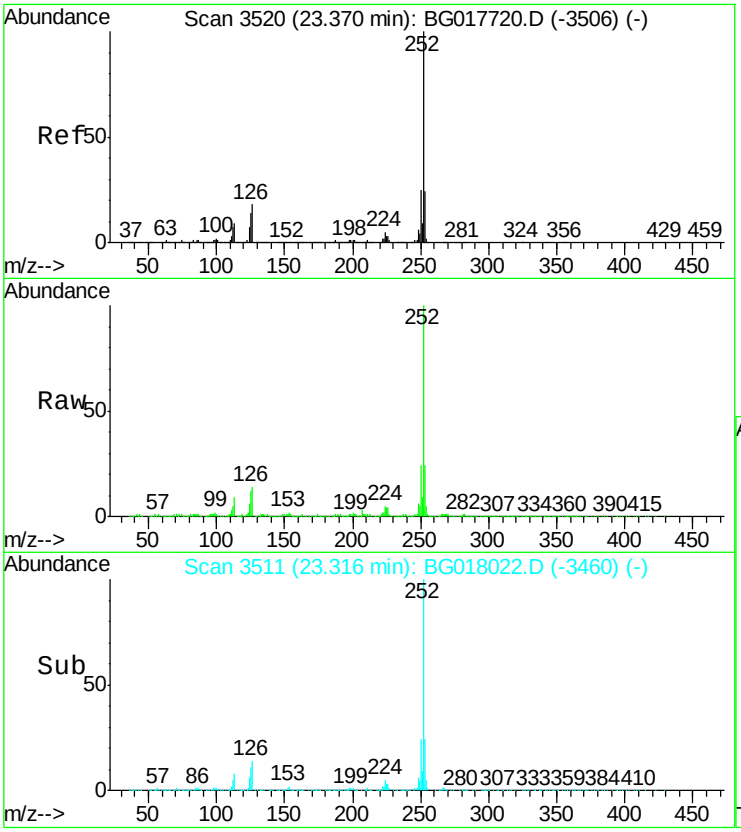


#88
Benzo(k)fluoranthene
Concen: 43.64 ng
RT: 22.75 min Scan# 3414
Delta R.T. -0.05 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Tgt Ion:252 Resp: 1502791

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.0	28.6
125	11.3	10.3	15.5



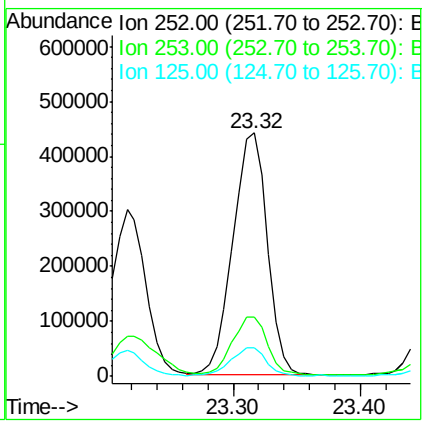


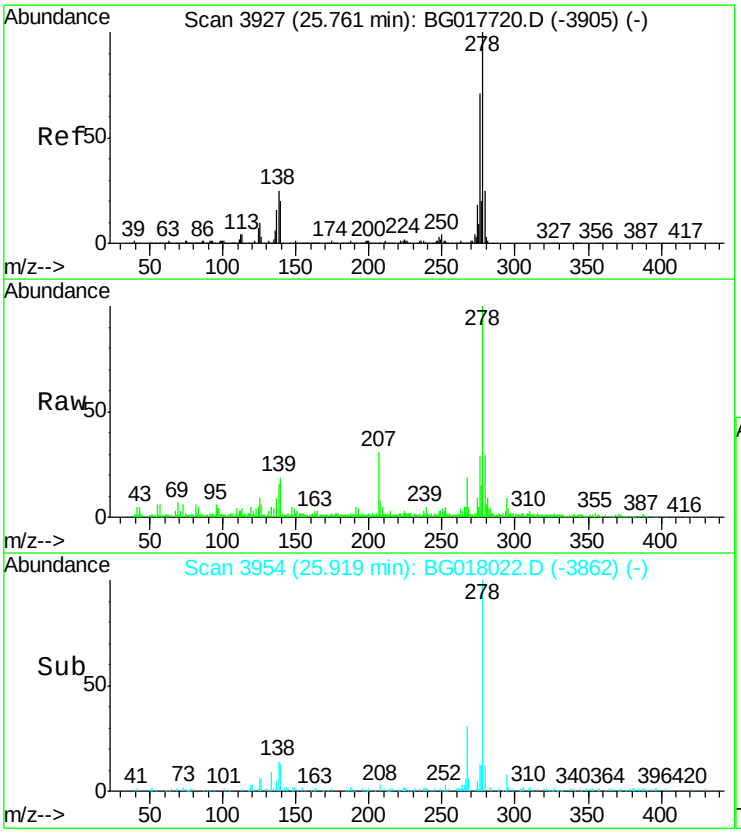
#89
Benzo(a)pyrene
Concen: 25.77 ng
RT: 23.32 min Scan# 3511
Delta R.T. -0.00 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Instrument :
BNA_G
ClientSampleId :
TEC-E2

Tgt Ion:252 Resp: 828166

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.0	28.6
125	11.5	11.1	16.7

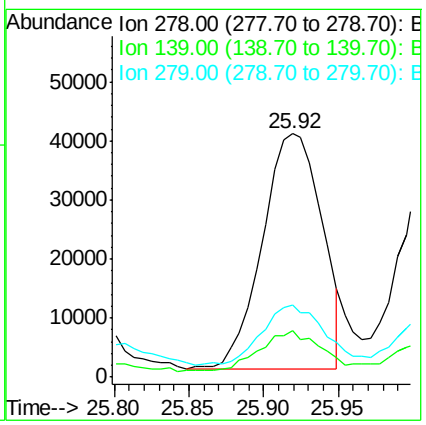


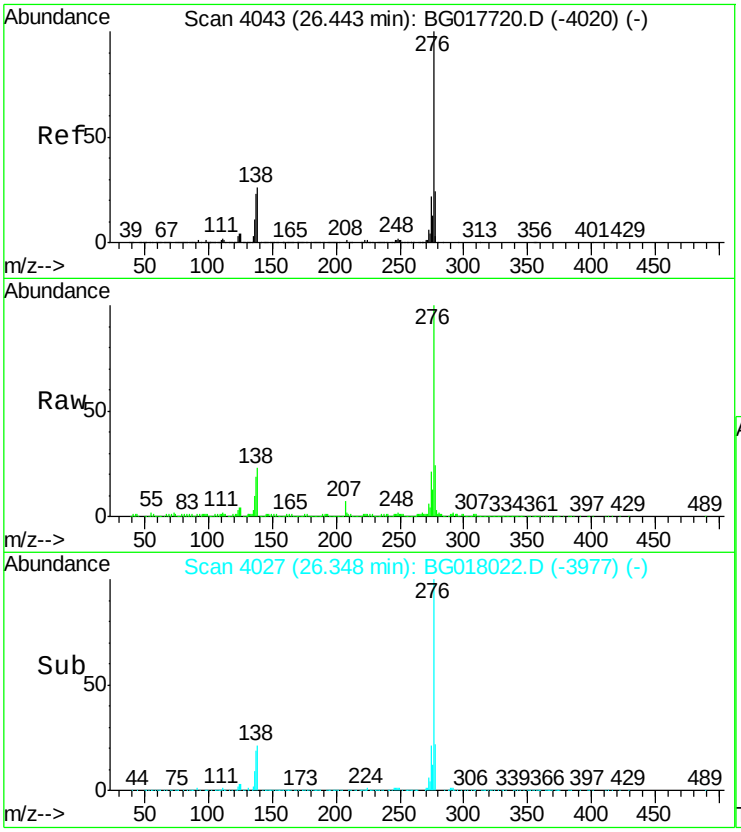


#90
Dibenzo(a,h)anthracene
Concen: 3.30 ng
RT: 25.92 min Scan# 3954
Delta R.T. 0.24 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Tgt Ion:278 Resp: 109963

Ion	Ratio	Lower	Upper
278	100		
139	18.9	16.2	24.2
279	29.7	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 17.49 ng
RT: 26.35 min Scan# 4027
Delta R.T. -0.01 min
Lab File: BG018022.D
Acq: 21 Jul 2015 14:27

Instrument :
BNA_G
ClientSampleId :
TEC-E2

Tgt Ion:276 Resp: 562037

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	22.6	20.8	31.2