Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060915\
Data File : BG017590.D
Acq On : 10 Jun 2015 2:41
Operator : TP/IZ
Sample : G2450-20 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RT440NB6.4(2)

Quant Time: Jun 10 06:20:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 05:08:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	21009	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	82891	20.00	ng		0.00
38) Acenaphthene-d10	14.24	164	54233	20.00	ng		0.00
63) Phenanthrene-d10	17.00	188	120633	20.00	ng		0.00
75) Chrysene-d12	21.20	240	145672	20.00	ng		0.00
86) Perylene-d12	23.42	264	153700	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	64031	53.70	ng		0.00
7) Phenol-d6	6.78	99	82796	50.96	ng		0.00
23) Nitrobenzene-d5	8.73	82	63122	38.01	ng		0.00
41) 2,4,6-Tribromophenol	15.75	330	35685	47.37	ng		0.00
44) 2-Fluorobiphenyl	12.86	172	121470	33.79	ng		0.00
78) Terphenyl-d14	19.64	244	187839	26.65	ng		0.00
Target Compounds							Qvalue
37) 2-Methylnaphthalene	12.04	142	21806	6.55	ng	#	83
49) Dimethylphthalate	13.71	163	9674	2.05	ng	#	96
53) 2,4-Dinitrophenol	14.56	184	74	7.12	ng	#	1
54) Dibenzofuran	14.65	168	11188	2.20	ng	#	38
55) 4-Nitrophenol	14.54	139	1941	2.89	ng	#	38
65) n-Nitrosodiphenylamine	15.51	169	14405	4.00	ng	#	48
69) Pentachlorophenol	16.66	266	61	5.56	ng	#	39
70) Phenanthrene	17.04	178	241018	35.83	ng		97
71) Anthracene	17.04	178	241018	35.87	ng		94
74) Fluoranthene	19.07	202	57681	6.56	ng		91
77) Pyrene	19.43	202	206080	22.96	ng		97
80) Benzo(a)anthracene	21.18	228	50312	5.62	ng	#	78
82) Chrysene	21.24	228	76031	9.37	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.68	276	28238	2.77	ng		98
87) Benzo(b)fluoranthene	22.75	252	56107	5.76	ng	#	88
88) Benzo(k)fluoranthene	22.75	252	56107	6.02	ng	#	89
89) Benzo(a)pyrene	23.32	252	53263	5.96	ng	#	89
91) Benzo(g,h,i)perylene	26.36	276	77753	8.80	ng		96

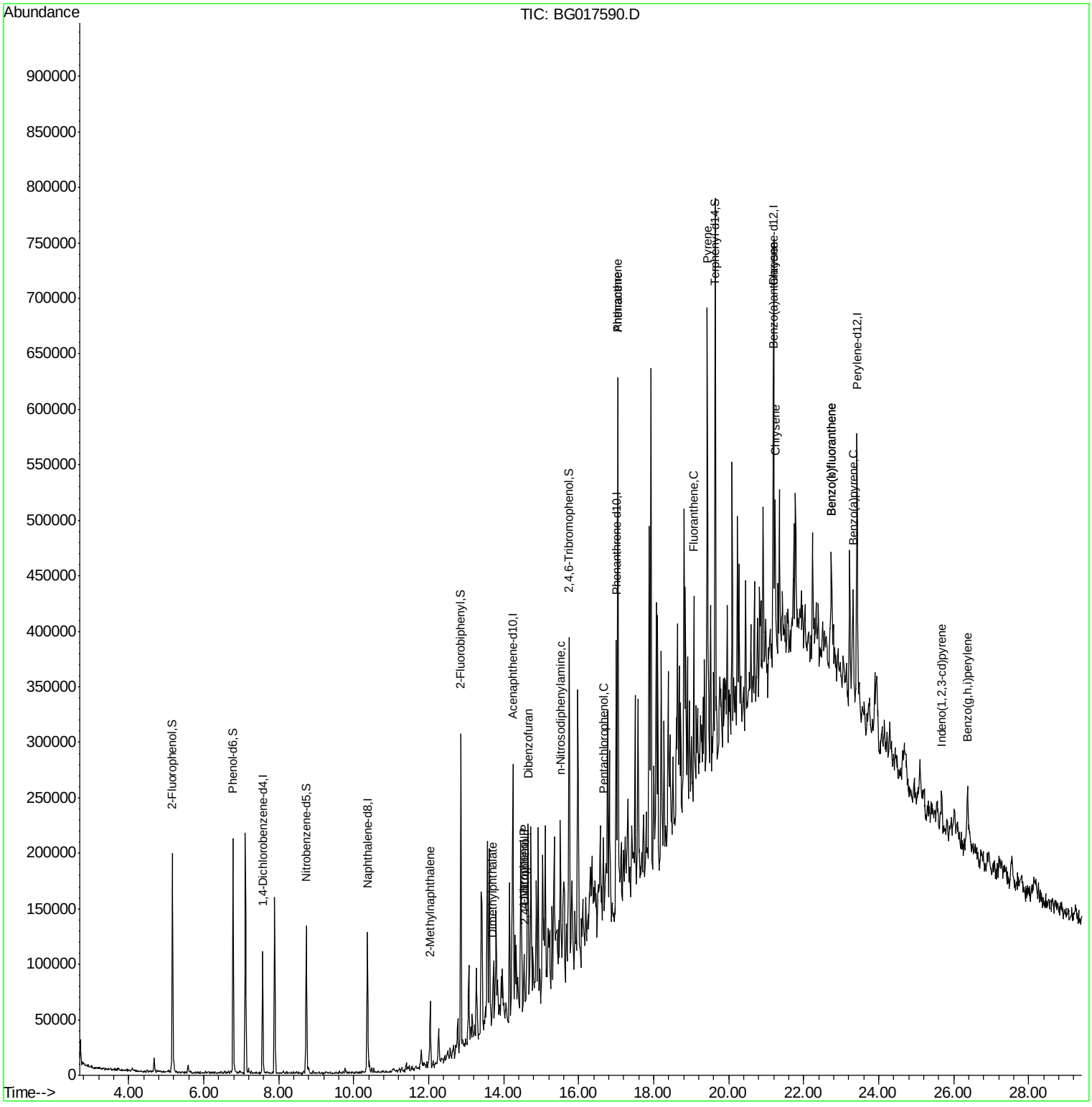
(#) = qualifier out of range (m) = manual integration (+) = signals summed

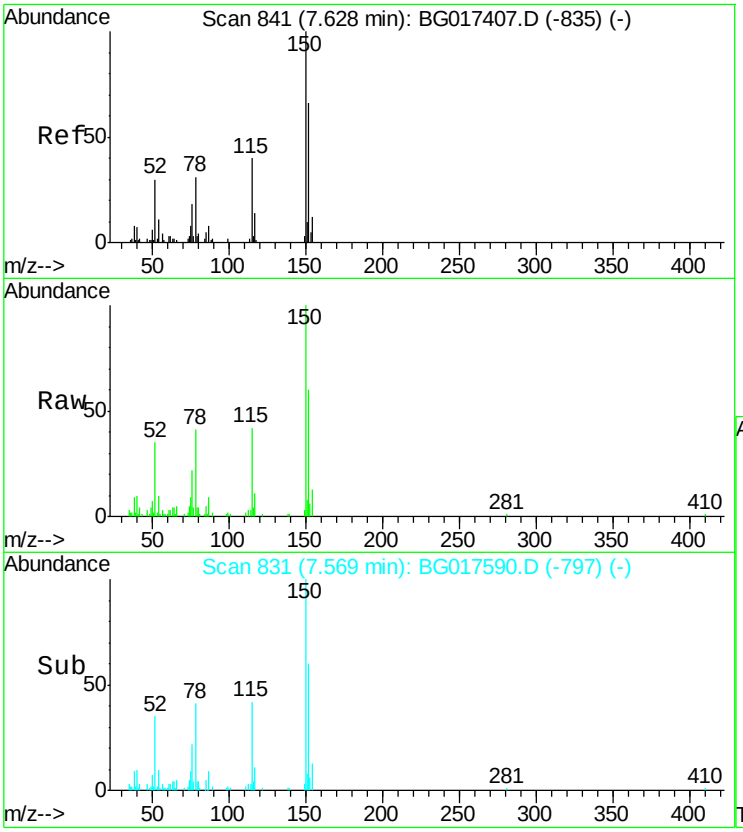
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060915\
Data File : BG017590.D
Acq On : 10 Jun 2015 2:41
Operator : TP/IZ
Sample : G2450-20 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT440NB6.4(2)

Quant Time: Jun 10 06:20:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 05:08:16 2015
Response via : Initial Calibration



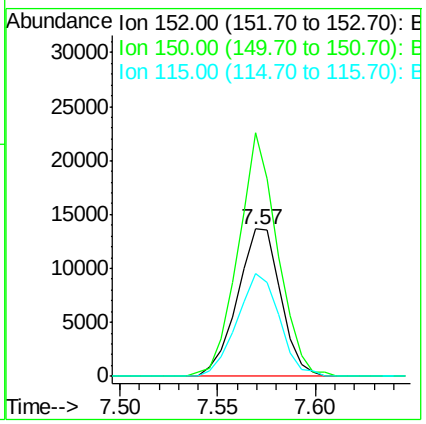


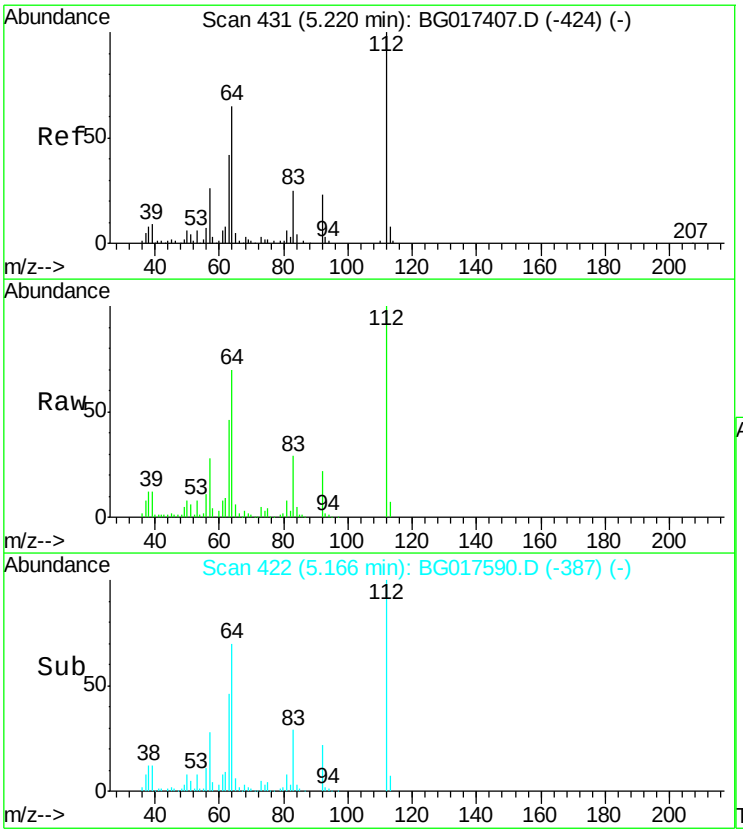
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.57 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Instrument :
BNA_G
ClientSampleId :
RT440NB6.4(2)

Tgt Ion:152 Resp: 21009

Ion	Ratio	Lower	Upper
152	100		
150	165.3	121.7	182.5
115	70.1	48.6	73.0

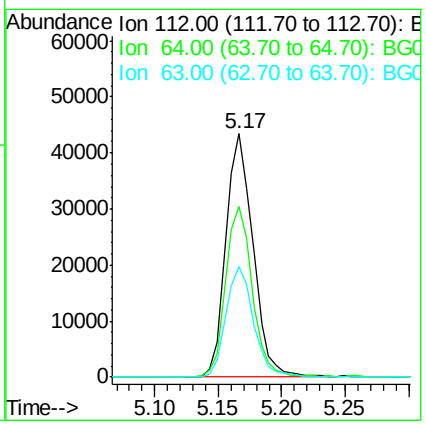


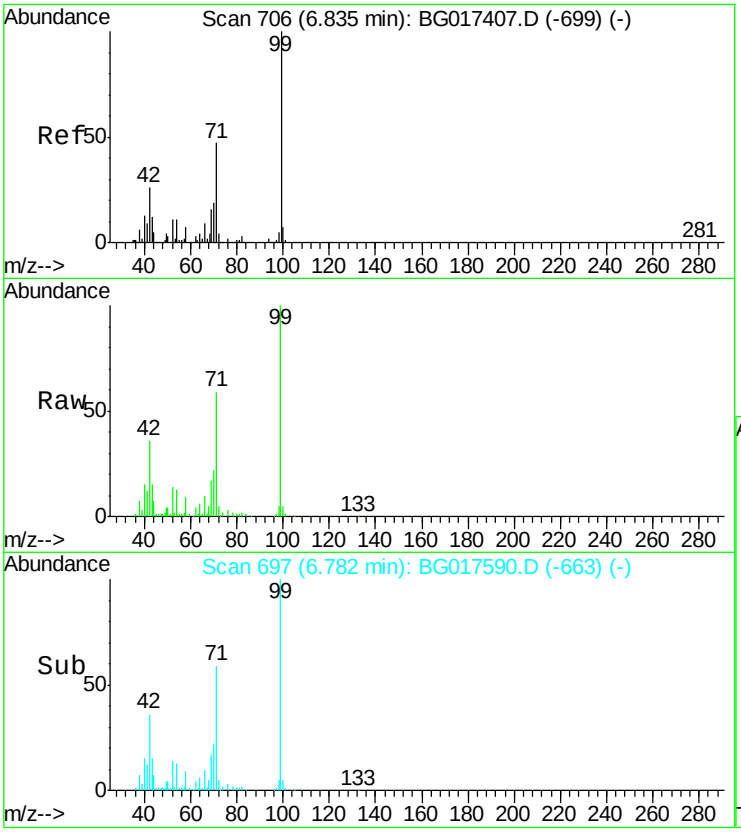


#5
2-Fluorophenol
Concen: 53.70 ng
RT: 5.17 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Tgt Ion:112 Resp: 64031

Ion	Ratio	Lower	Upper
112	100		
64	69.9	51.6	77.4
63	45.6	33.3	49.9



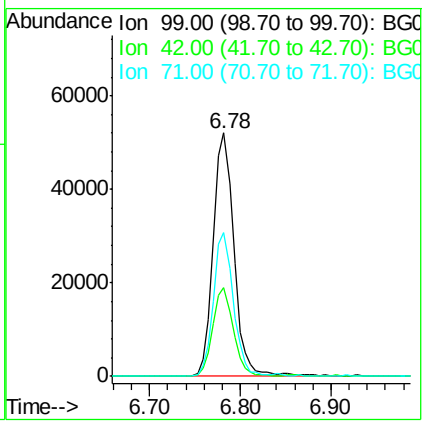


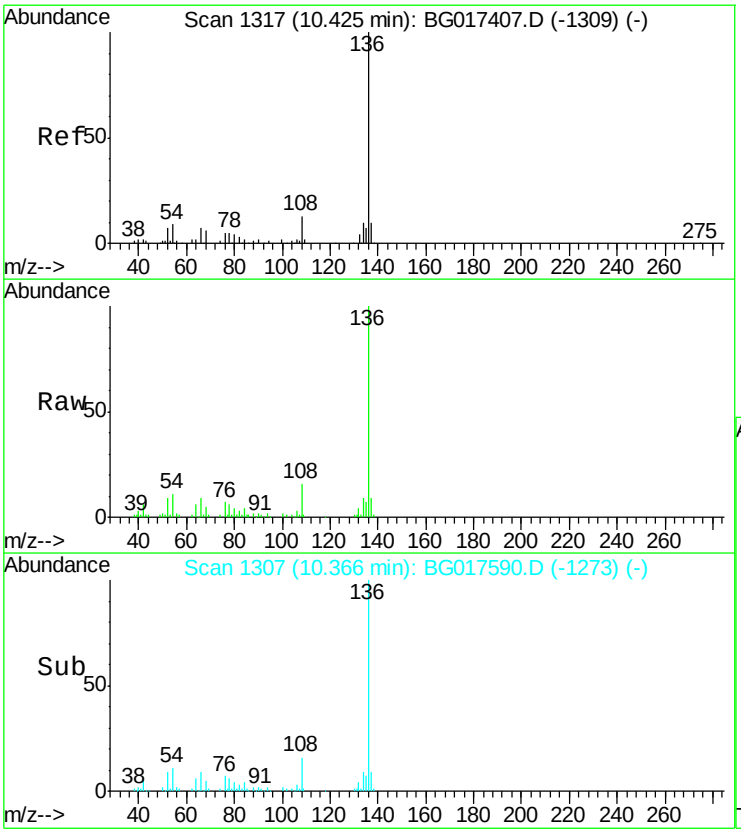
#7
Phenol-d6
Concen: 50.96 ng
RT: 6.78 min Scan# 697
Delta R.T. -0.00 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Instrument :
BNA_G
ClientSampleId :
RT440NB6.4(2)

Tgt Ion: 99 Resp: 82796

Ion	Ratio	Lower	Upper
99	100		
42	36.3	21.0	31.6#
71	59.1	37.2	55.8#

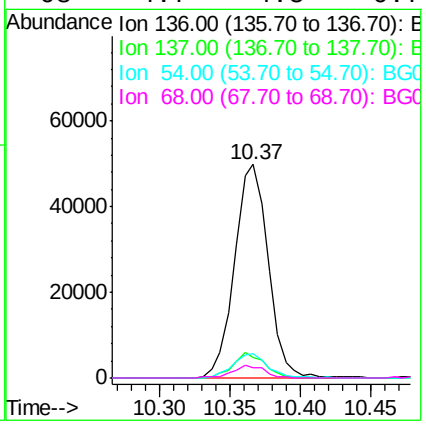


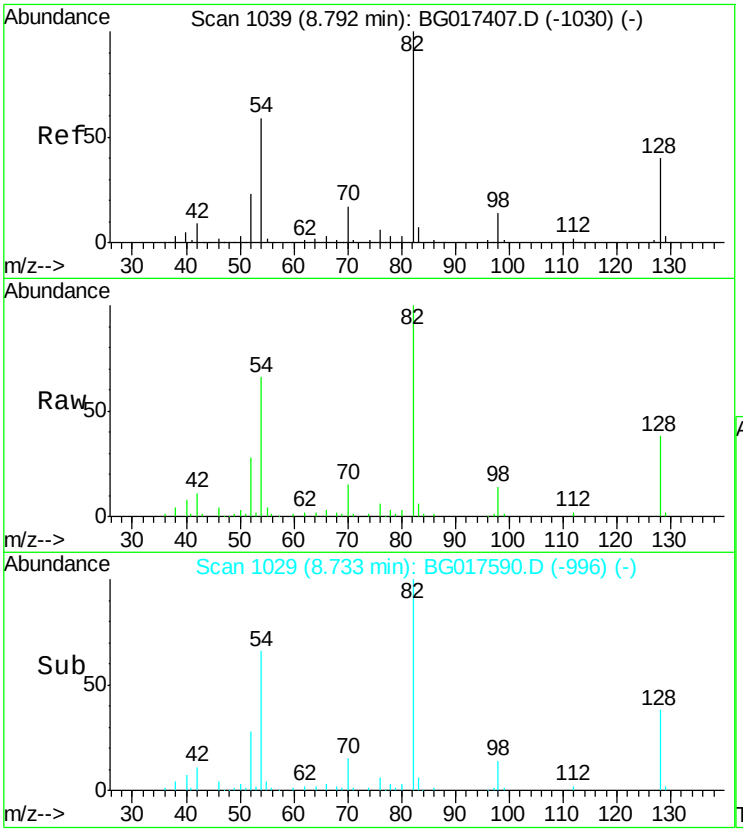


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.37 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Tgt Ion:136 Resp: 82891

Ion	Ratio	Lower	Upper
136	100		
137	9.3	7.9	11.9
54	11.2	7.2	10.8#
68	4.7	4.5	6.7



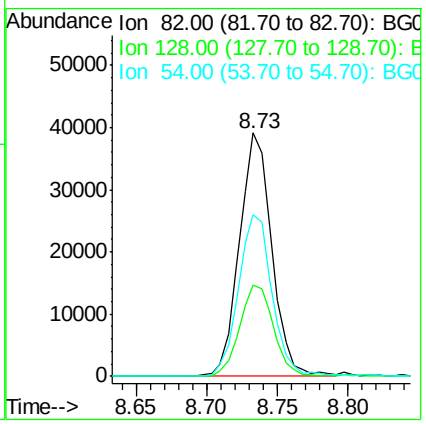


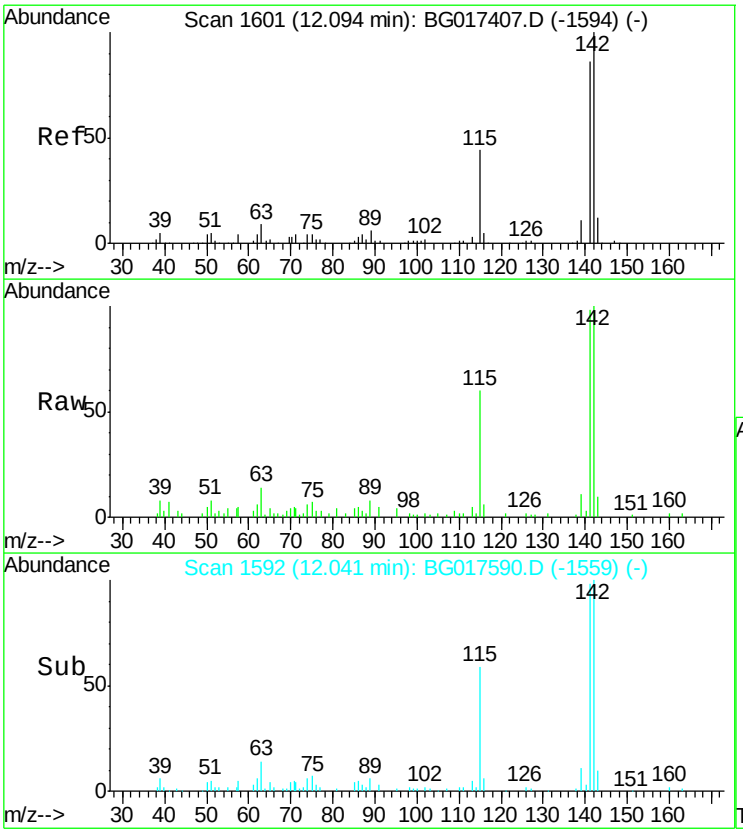
#23
Nitrobenzene-d5
Concen: 38.01 ng
RT: 8.73 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Instrument :
BNA_G
ClientSampleId :
RT440NB6.4(2)

Tgt Ion: 82 Resp: 63122

Ion	Ratio	Lower	Upper
82	100		
128	37.8	32.2	48.4
54	66.3	47.4	71.2

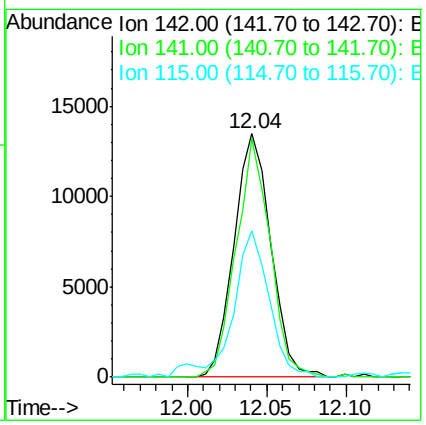


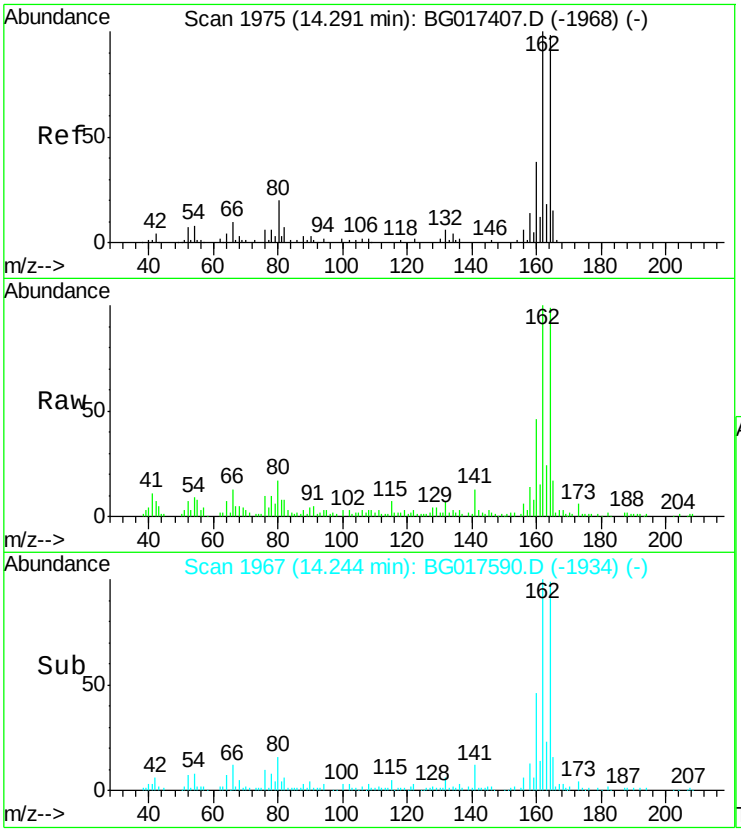


#37
2-Methylnaphthalene
Concen: 6.55 ng
RT: 12.04 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Tgt Ion:142 Resp: 21806

Ion	Ratio	Lower	Upper
142	100		
141	98.0	68.6	102.8
115	60.4	35.3	52.9#



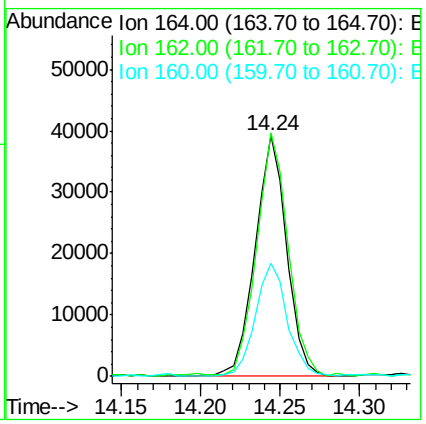


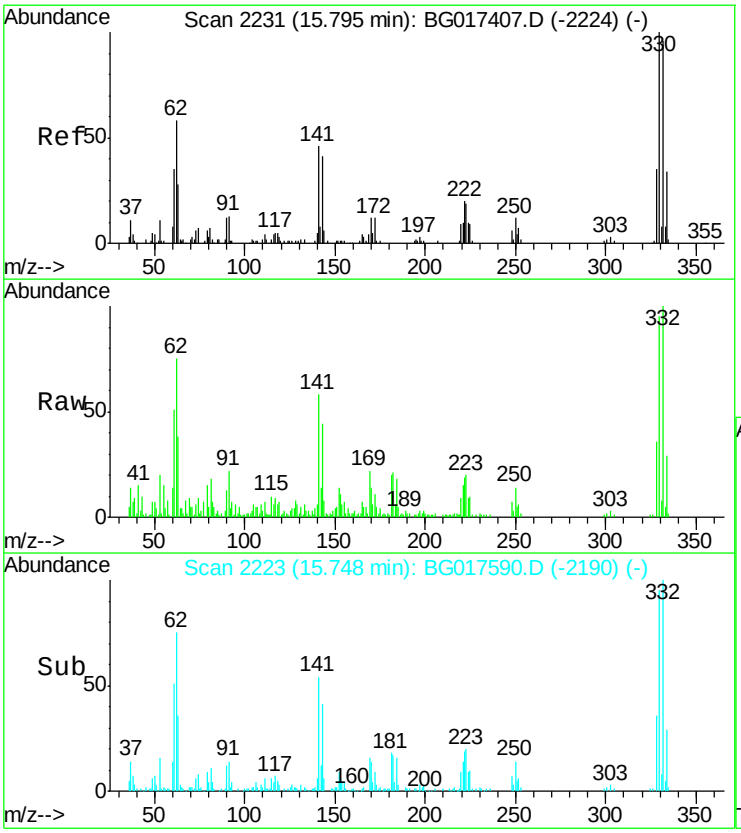
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.24 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Instrument :
BNA_G
ClientSampleId :
RT440NB6.4(2)

Tgt Ion:164 Resp: 54233

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.8	122.6
160	46.8	31.0	46.4#

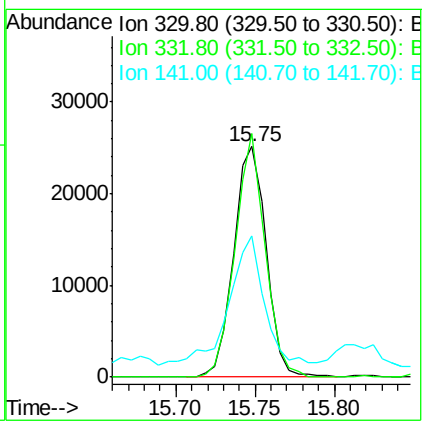


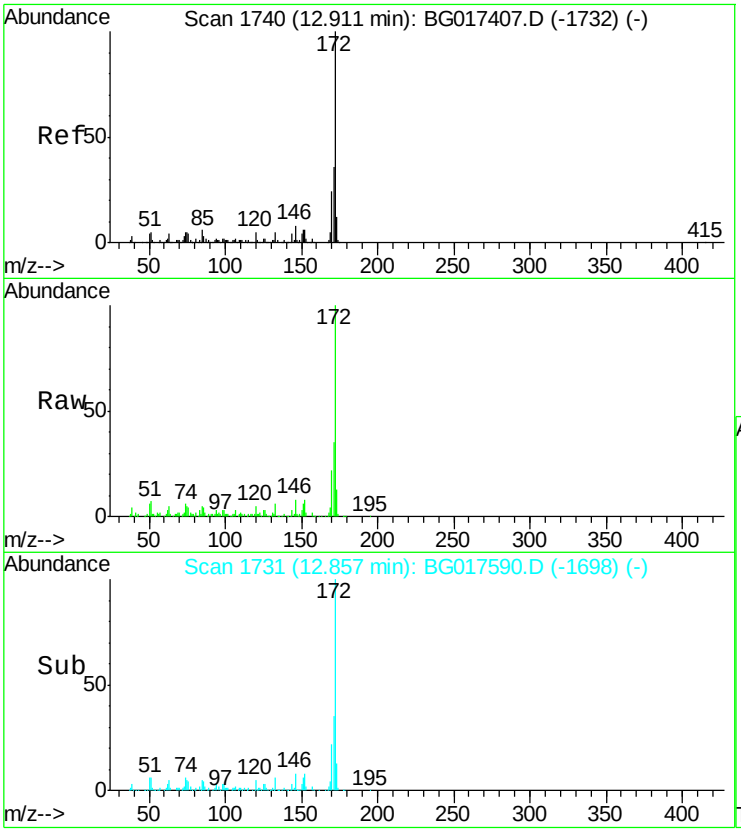


#41
2,4,6-Tribromophenol
Concen: 47.37 ng
RT: 15.75 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Tgt Ion:330 Resp: 35685

Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.9	113.9
141	63.5	40.2	60.4#



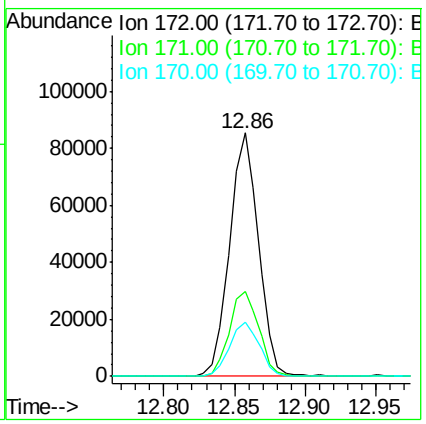


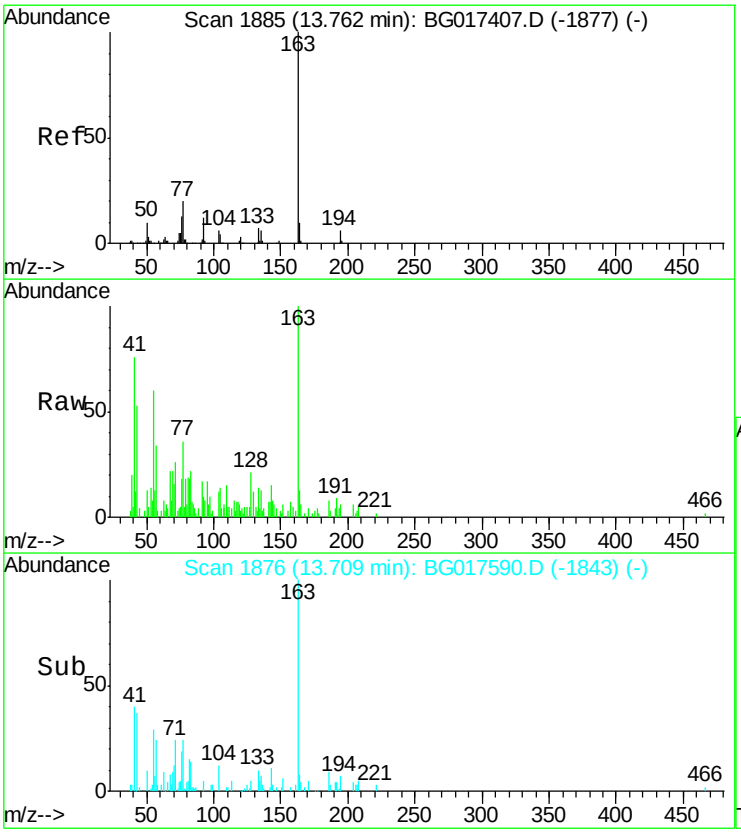
#44
2-Fluorobiphenyl
Concen: 33.79 ng
RT: 12.86 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Instrument :
BNA_G
ClientSampleId :
RT440NB6.4(2)

Tgt Ion:172 Resp: 121470

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.0	43.6
170	22.1	18.9	28.3

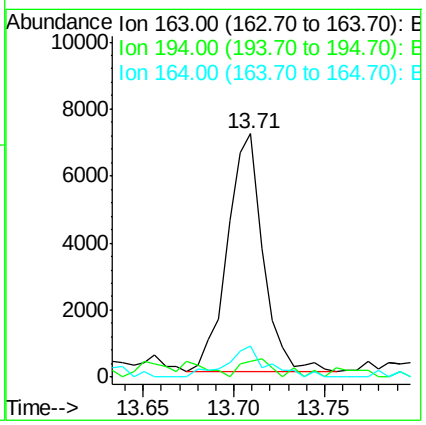


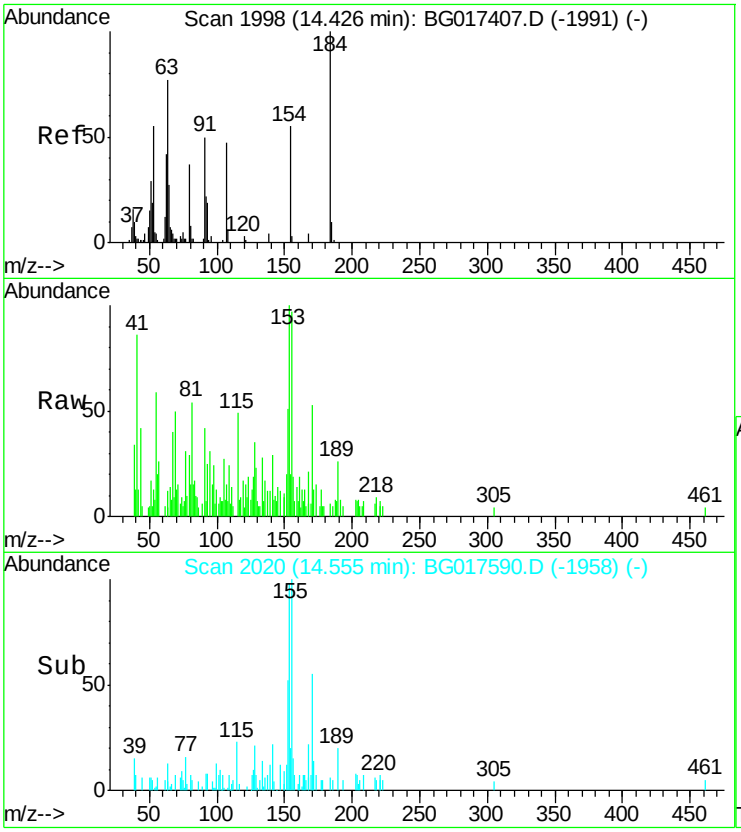


#49
Dimethylphthalate
Concen: 2.05 ng
RT: 13.71 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Tgt Ion:163 Resp: 9674

Ion	Ratio	Lower	Upper
163	100		
194	6.5	4.9	7.3
164	12.6	8.2	12.2#



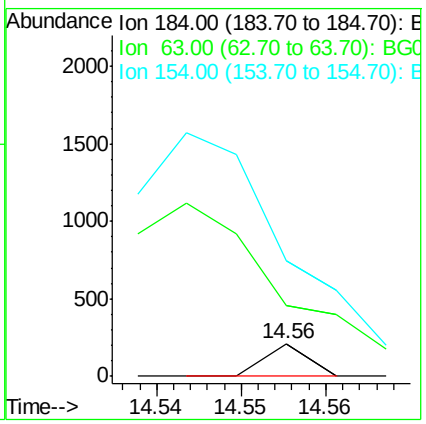


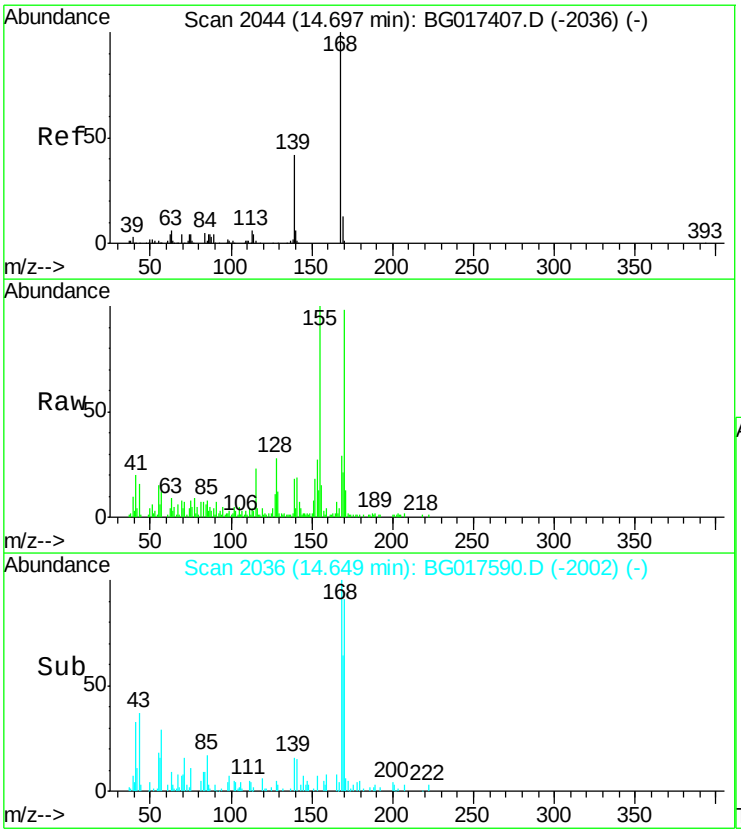
#53
2,4-Dinitrophenol
Concen: 7.12 ng
RT: 14.56 min Scan# 2020
Delta R.T. 0.16 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Instrument :
BNA_G
ClientSampleId :
RT440NB6.4(2)

Tgt Ion:184 Resp: 74

Ion	Ratio	Lower	Upper
184	100		
63	293.8	61.5	92.3#
154	356.5	53.8	80.8#

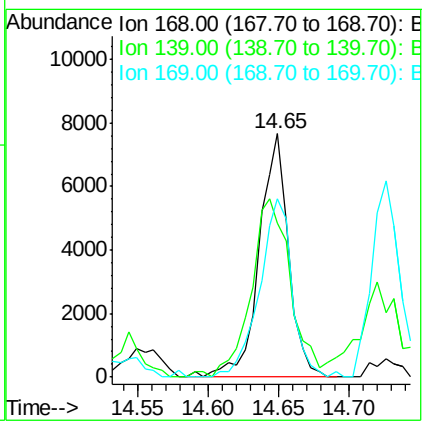


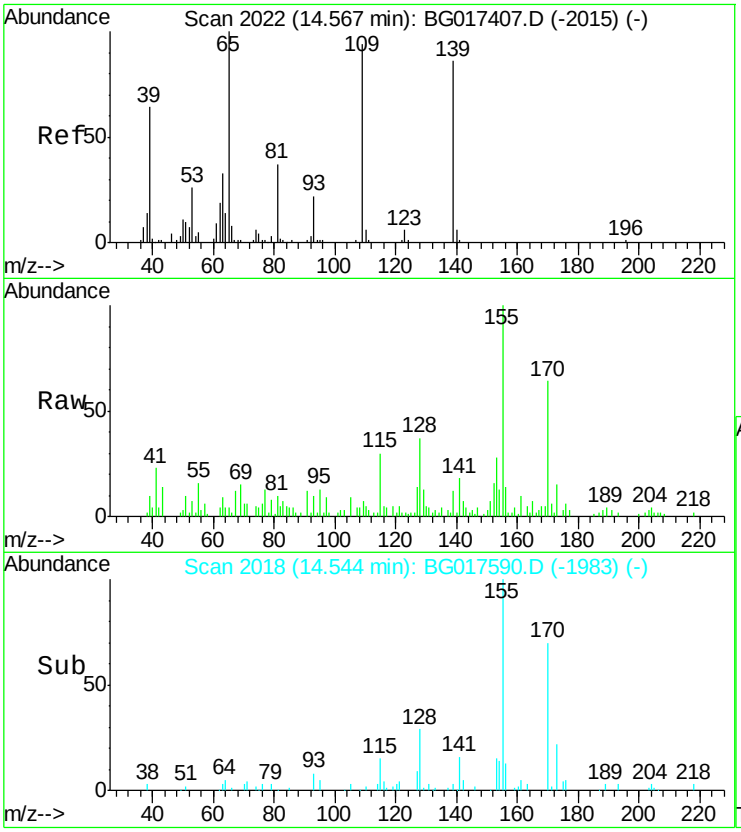


#54
Dibenzofuran
Concen: 2.20 ng
RT: 14.65 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Tgt Ion:168 Resp: 11188

Ion	Ratio	Lower	Upper
168	100		
139	63.1	33.2	49.8#
169	73.3	10.6	16.0#



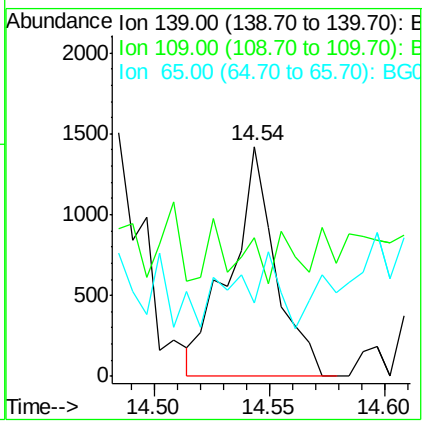


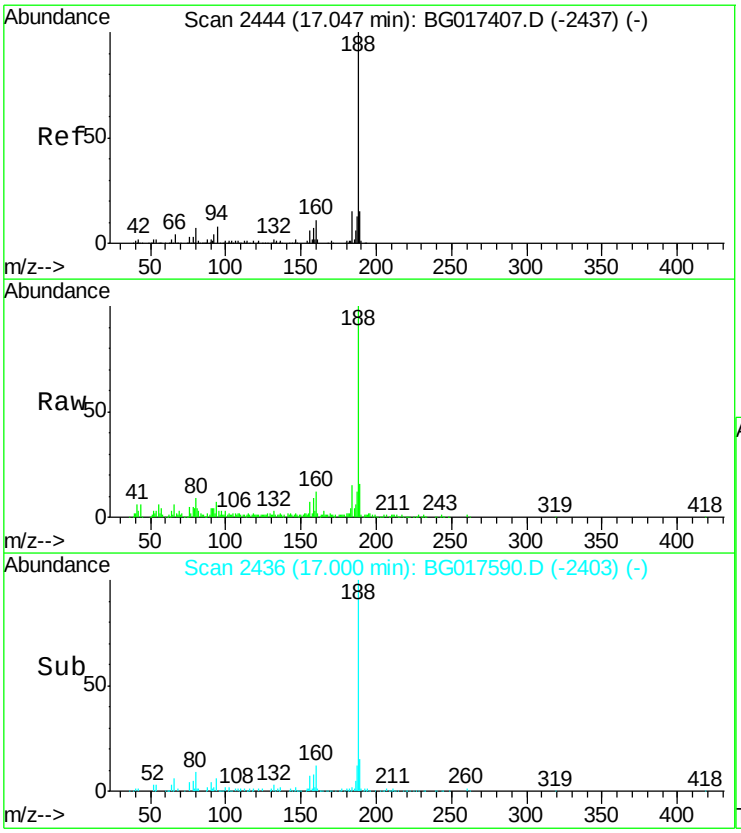
#55
4-Nitrophenol
Concen: 2.89 ng
RT: 14.54 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Instrument :
BNA_G
ClientSampleId :
RT440NB6.4(2)

Tgt Ion:139 Resp: 1941

Ion	Ratio	Lower	Upper
139	100		
109	60.2	89.5	129.5#
65	31.8	95.9	135.9#

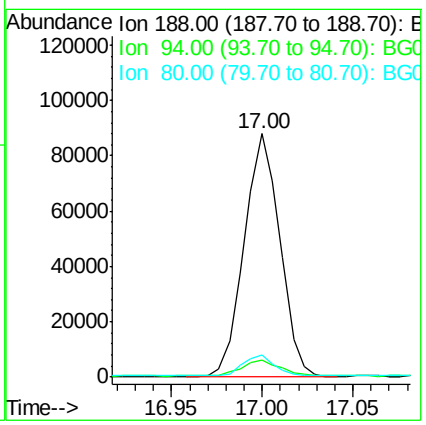


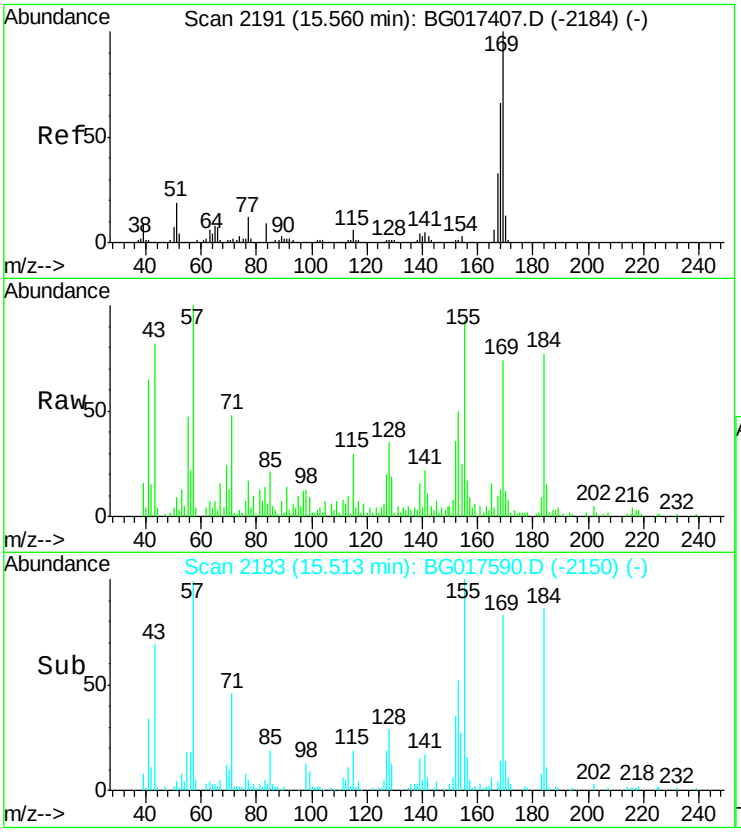


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.00 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Tgt Ion:188 Resp: 120633

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.3	9.5
80	9.2	5.2	7.8#



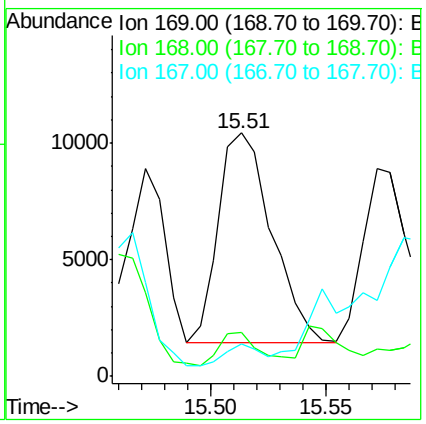


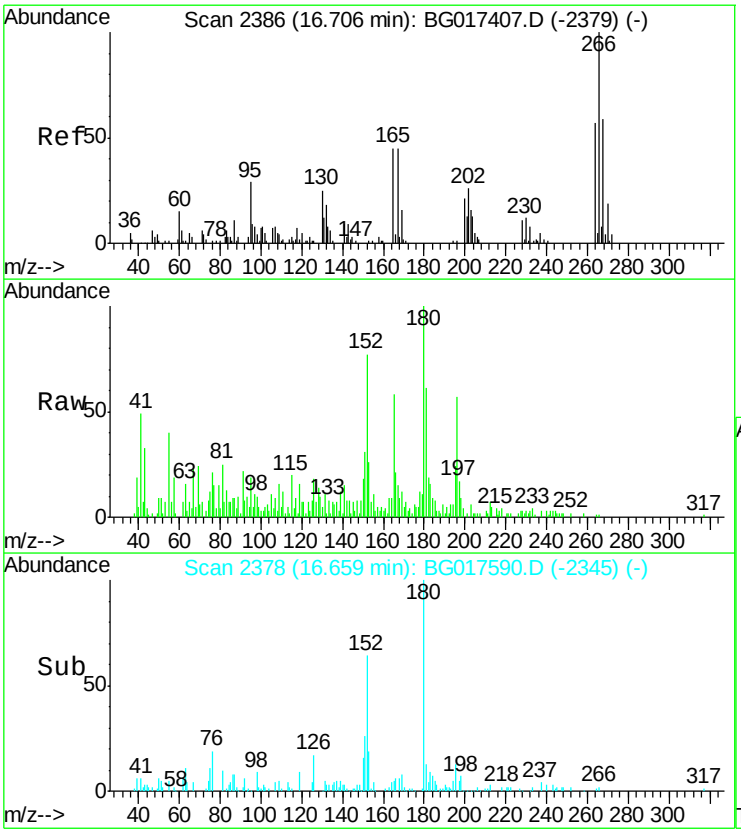
#65
n-Nitrosodiphenylamine
Concen: 4.00 ng
RT: 15.51 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Instrument :
BNA_G
ClientSampleId :
RT440NB6.4(2)

Tgt Ion:169 Resp: 14405

Ion	Ratio	Lower	Upper
169	100		
168	18.2	52.4	78.6#
167	13.1	26.3	39.5#

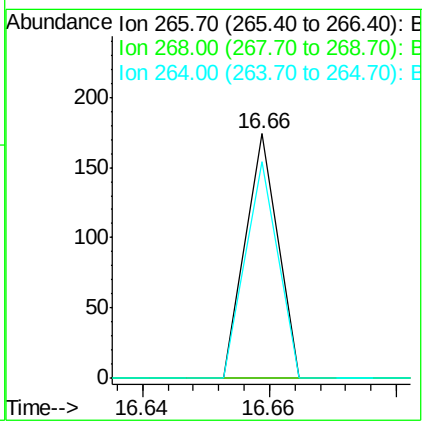


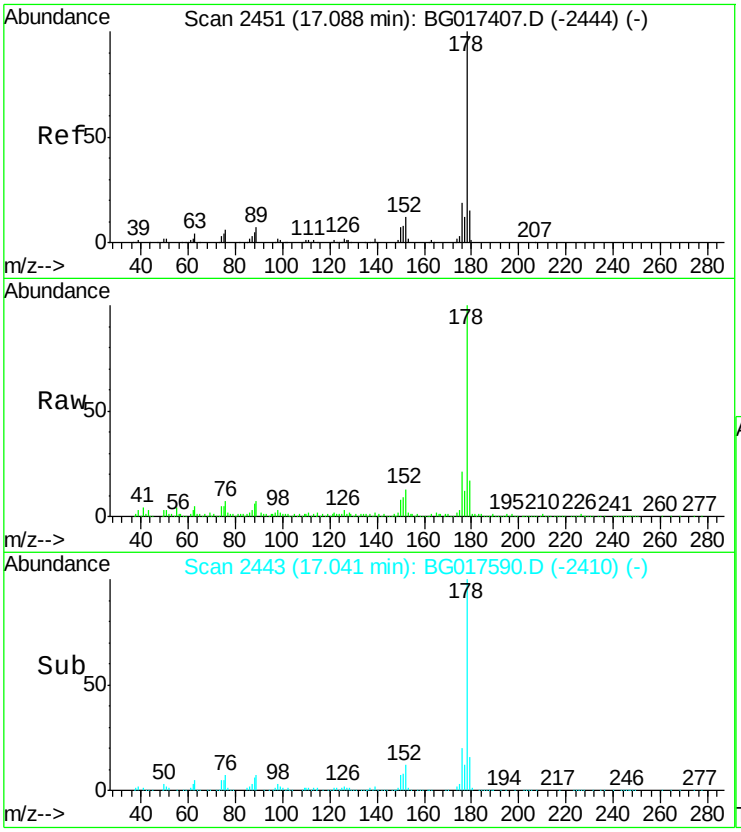


#69
Pentachlorophenol
Concen: 5.56 ng
RT: 16.66 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Tgt Ion:266 Resp: 61

Ion	Ratio	Lower	Upper
266	100		
268	0.0	47.0	70.6#
264	88.5	45.7	68.5#



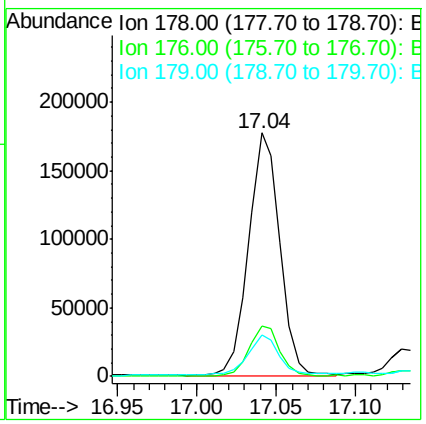


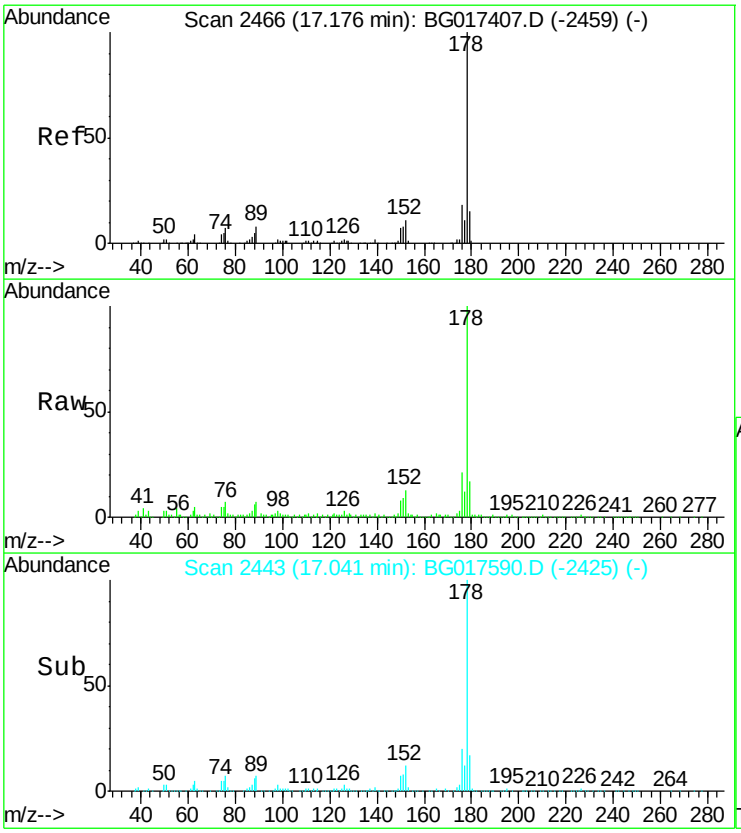
#70
Phenanthrene
Concen: 35.83 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Instrument :
BNA_G
ClientSampleId :
RT440NB6.4(2)

Tgt Ion:178 Resp: 241018

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.6	23.4
179	17.1	12.2	18.2

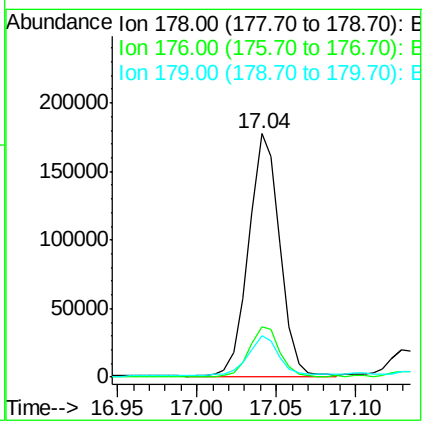


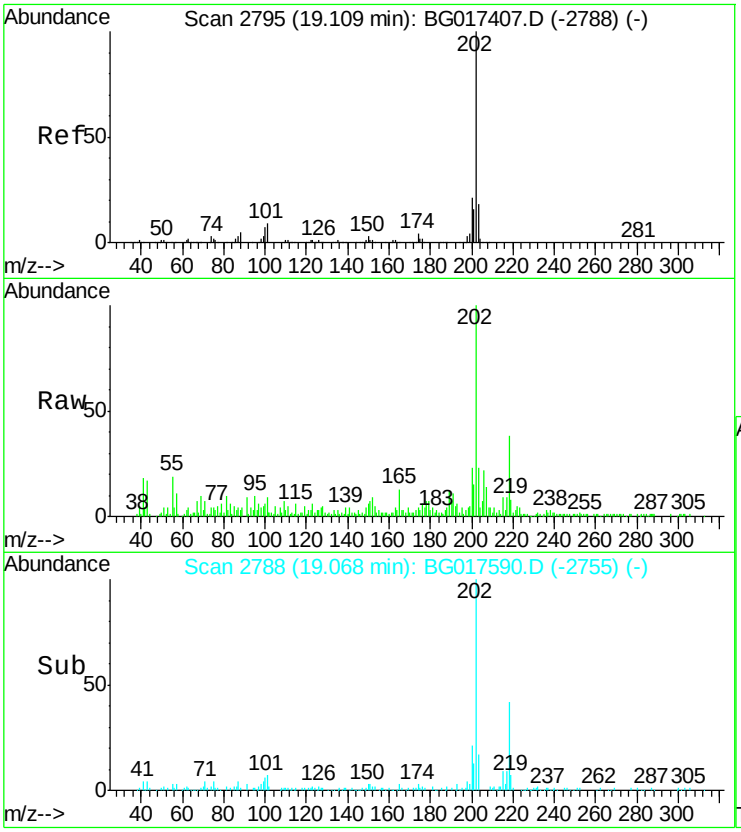


#71
Anthracene
Concen: 35.87 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.10 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Tgt Ion:178 Resp: 241018

Ion	Ratio	Lower	Upper
178	100		
176	20.6	14.2	21.2
179	17.1	12.2	18.4



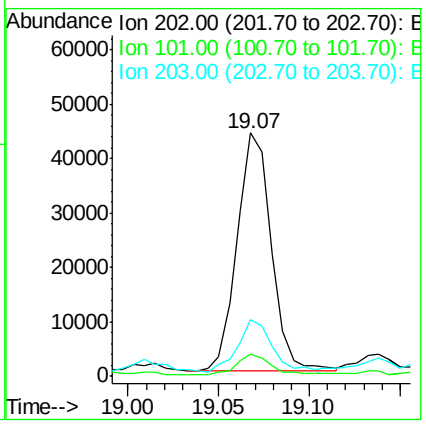


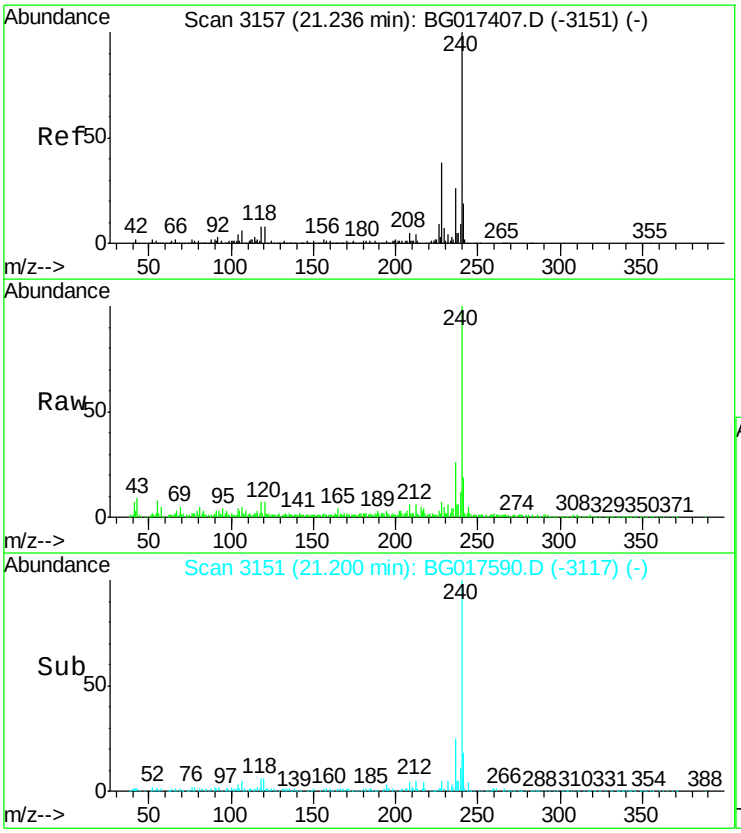
#74
Fluoranthene
Concen: 6.56 ng
RT: 19.07 min Scan# 2788
Delta R.T. -0.01 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Instrument :
BNA_G
ClientSampleId :
RT440NB6.4(2)

Tgt Ion:202 Resp: 57681

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	28.8
203	23.4	0.0	37.6

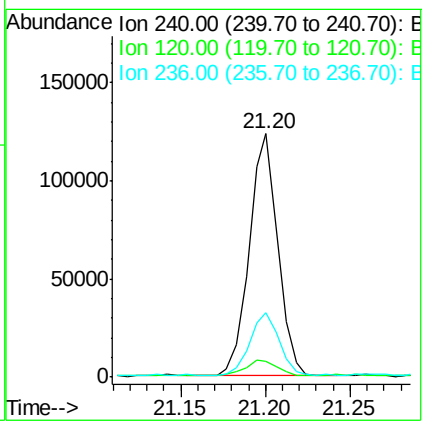


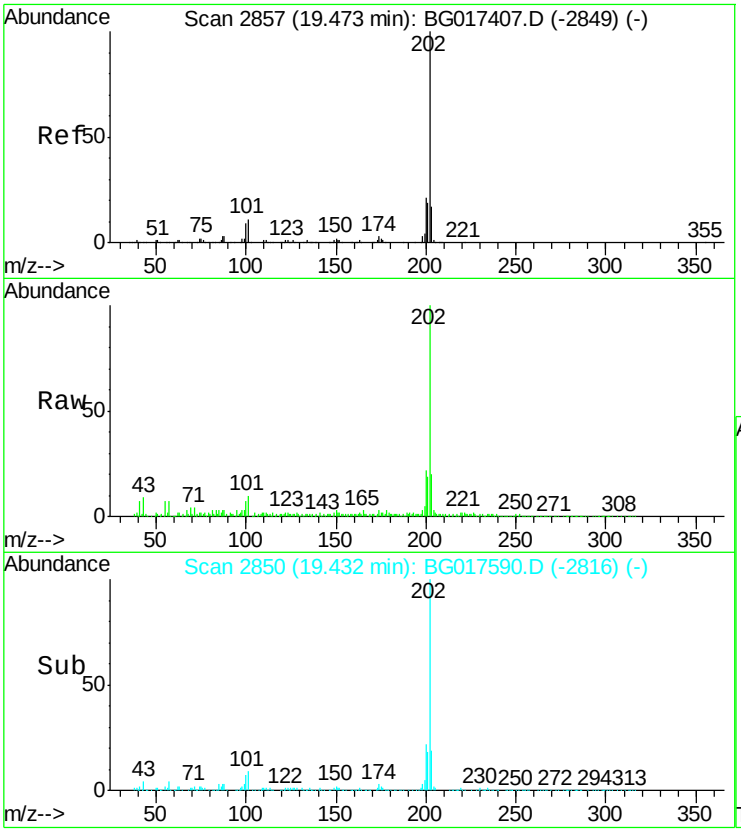


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.20 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Tgt Ion:240 Resp: 145672

Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.5	9.7
236	26.4	20.8	31.2



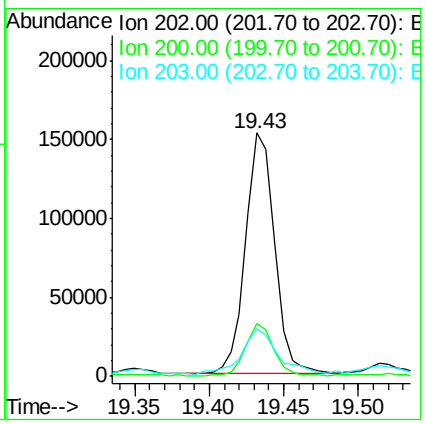


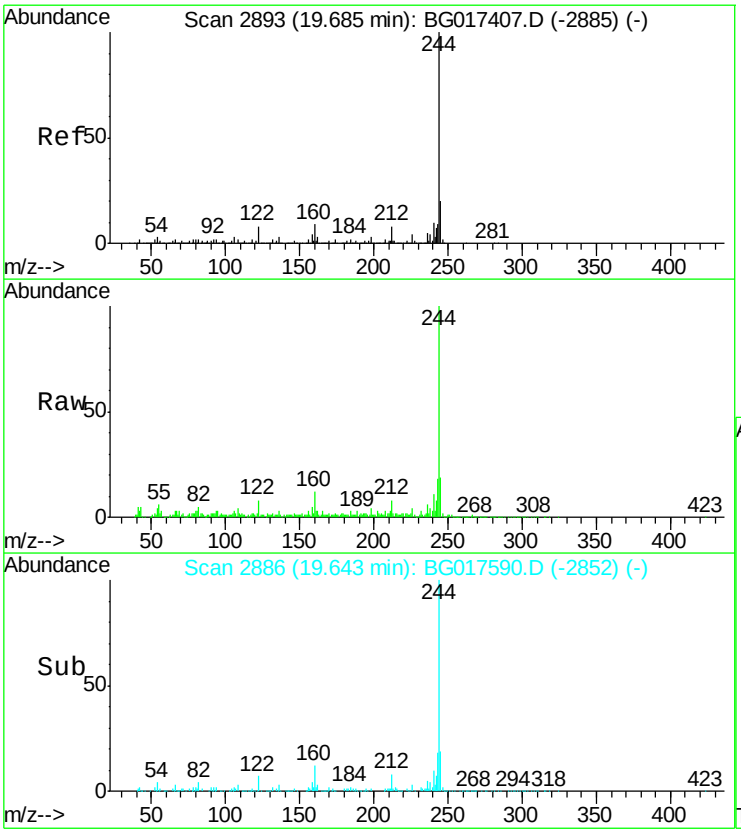
#77
Pyrene
Concen: 22.96 ng
RT: 19.43 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Instrument :
BNA_G
ClientSampleId :
RT440NB6.4(2)

Tgt Ion:202 Resp: 206080

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.0	25.4
203	19.7	13.9	20.9

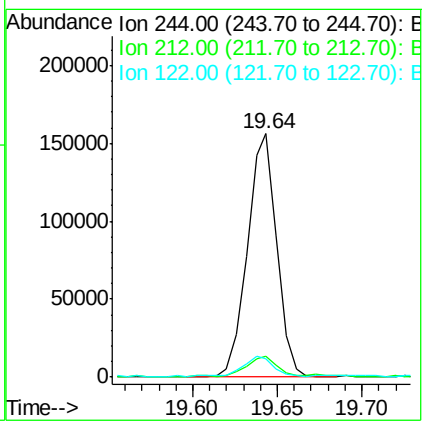


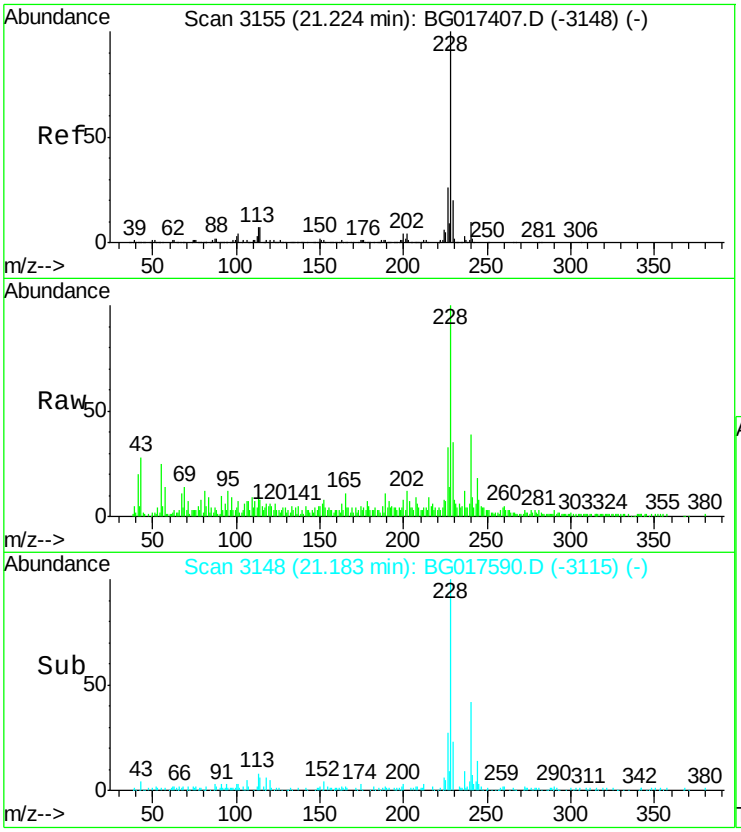


#78
Terphenyl-d14
Concen: 26.65 ng
RT: 19.64 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Tgt Ion:244 Resp: 187839

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.4	9.6
122	7.6	6.6	10.0



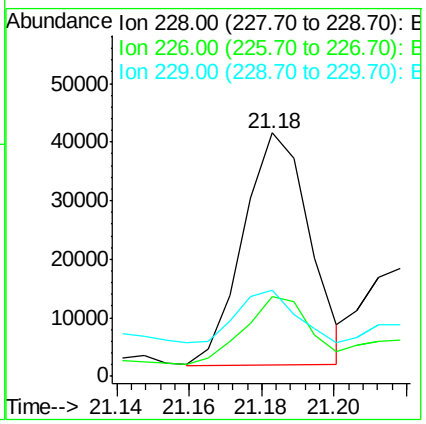


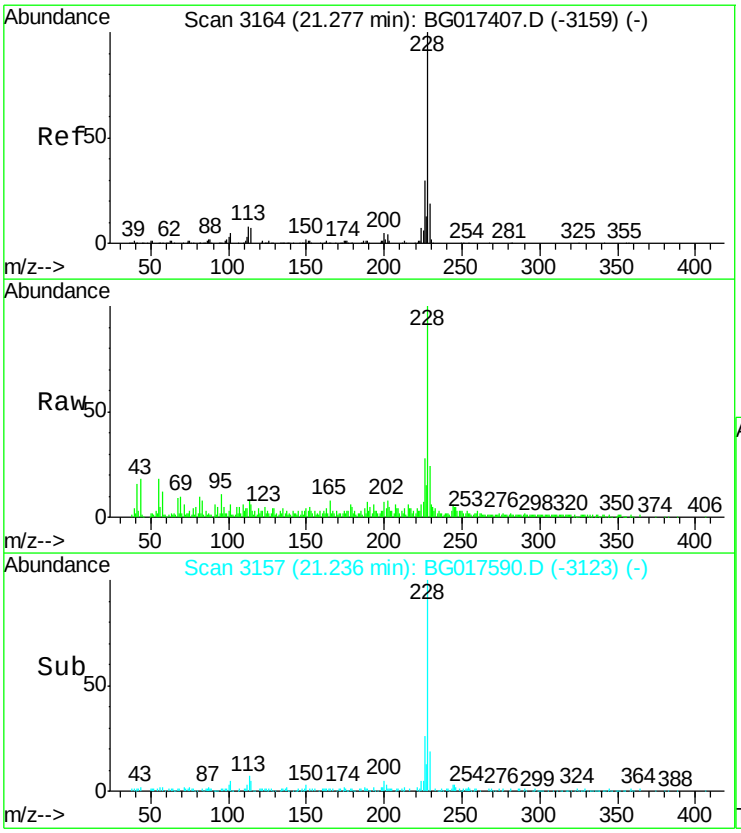
#80
Benzo(a)anthracene
Concen: 5.62 ng
RT: 21.18 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Instrument :
BNA_G
ClientSampleId :
RT440NB6.4(2)

Tgt Ion:228 Resp: 50312

Ion	Ratio	Lower	Upper
228	100		
226	32.8	21.0	31.6#
229	35.4	15.7	23.5#

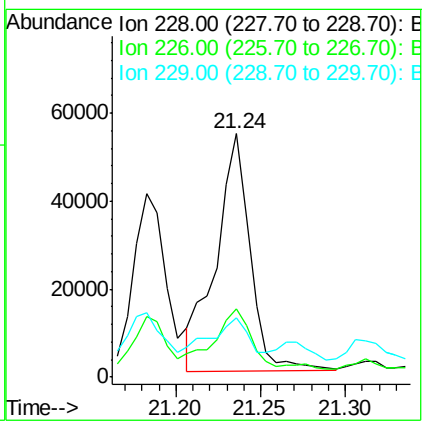


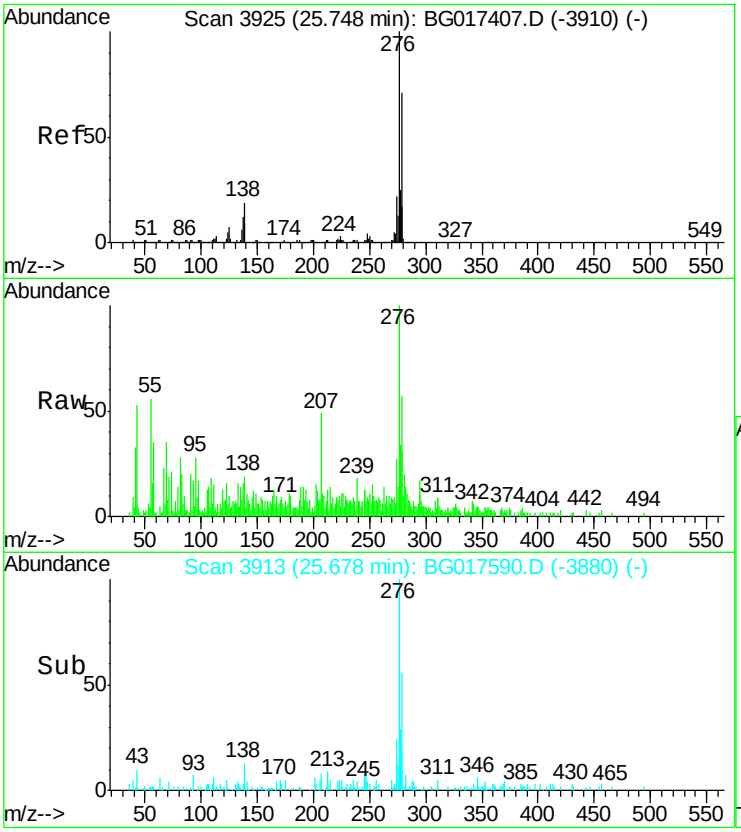


#82
Chrysene
Concen: 9.37 ng
RT: 21.24 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Tgt Ion:228 Resp: 76031

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.7	35.5
229	24.5	15.2	22.8#



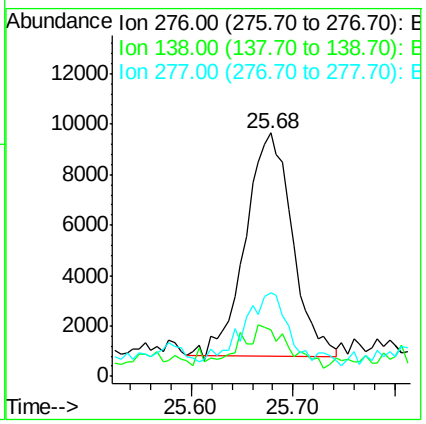


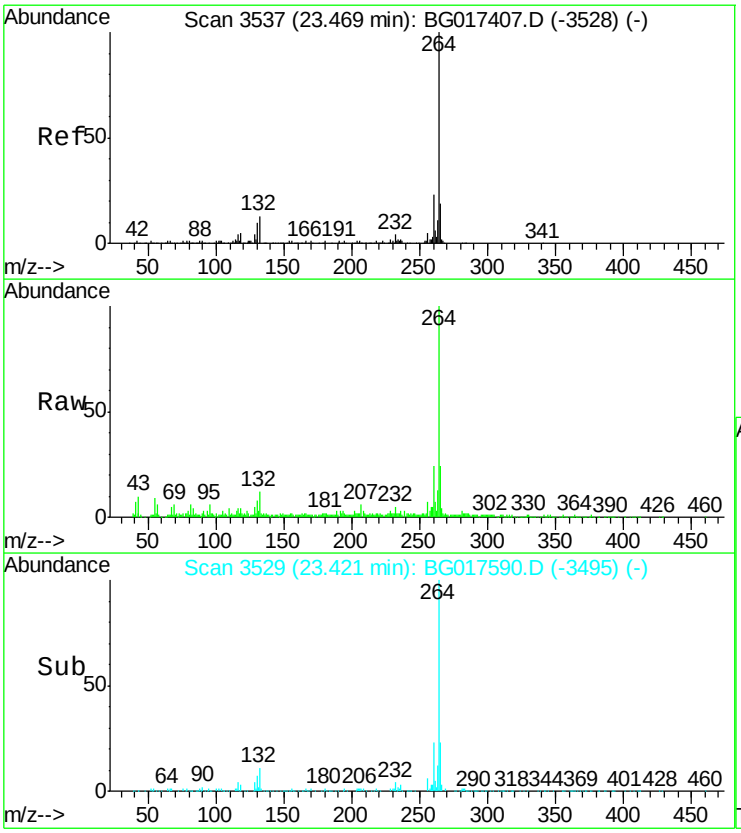
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.77 ng
RT: 25.68 min Scan# 3913
Delta R.T. -0.01 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Instrument :
BNA_G
ClientSampleId :
RT440NB6.4(2)

Tgt Ion:276 Resp: 28238

Ion	Ratio	Lower	Upper
276	100		
138	19.2	15.4	23.0
277	27.6	20.5	30.7

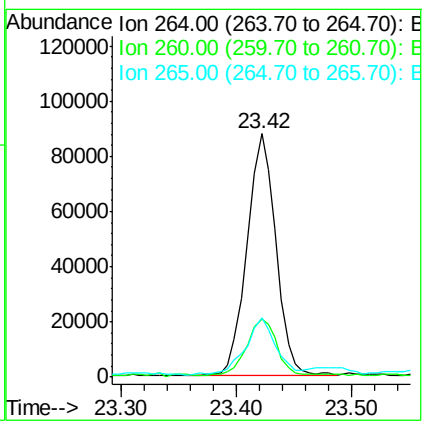


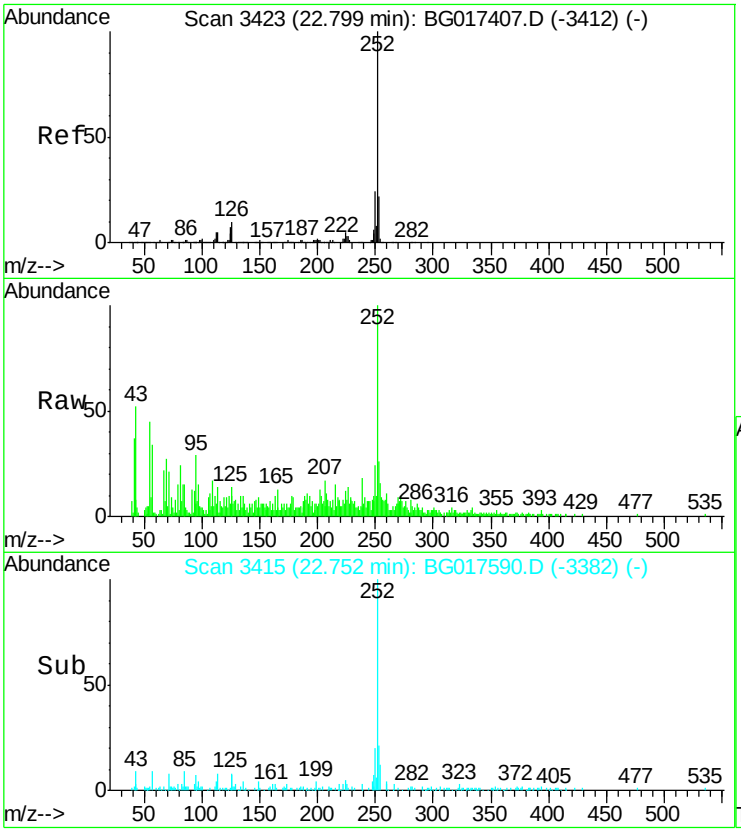


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 3529
Delta R.T. -0.00 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Tgt Ion:264 Resp: 153700

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	24.3	15.8	23.6#



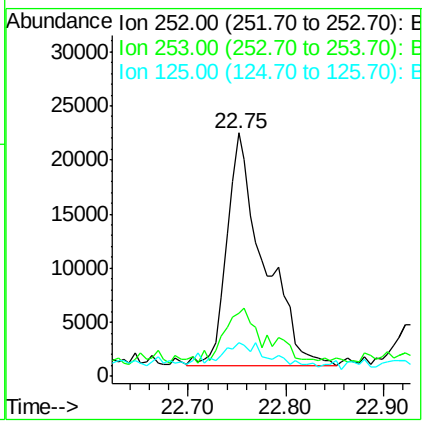


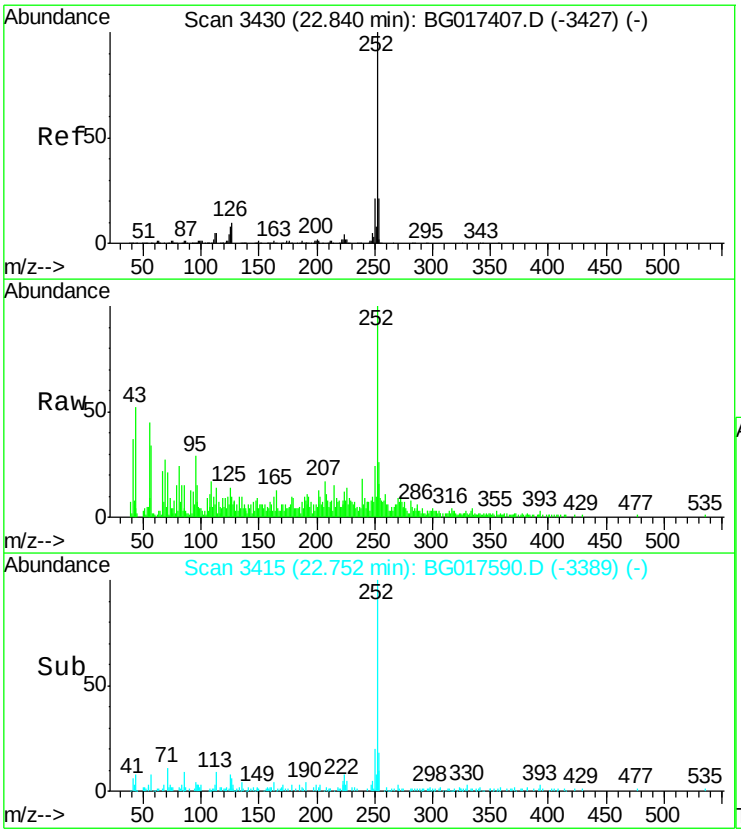
#87
Benzo(b)fluoranthene
Concen: 5.76 ng
RT: 22.75 min Scan# 3415
Delta R.T. -0.01 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Instrument :
BNA_G
ClientSampleId :
RT440NB6.4(2)

Tgt Ion:252 Resp: 56107

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.4	26.2
125	13.9	5.8	8.8#

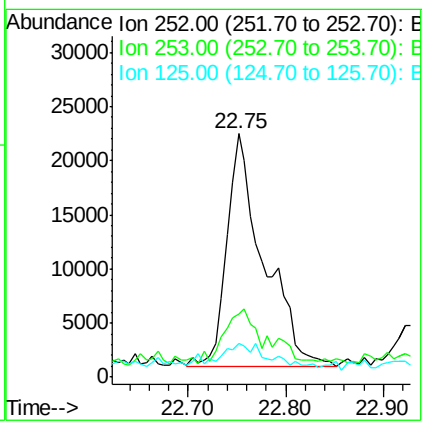


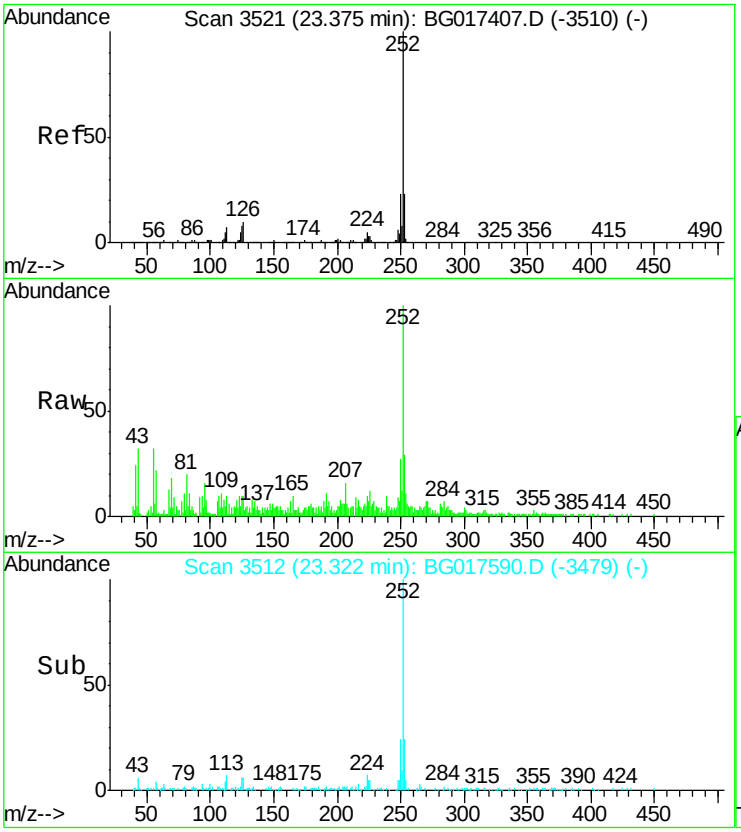


#88
Benzo(k)fluoranthene
Concen: 6.02 ng
RT: 22.75 min Scan# 3415
Delta R.T. -0.05 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Tgt Ion:252 Resp: 56107

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.7	26.5
125	13.9	6.5	9.7#



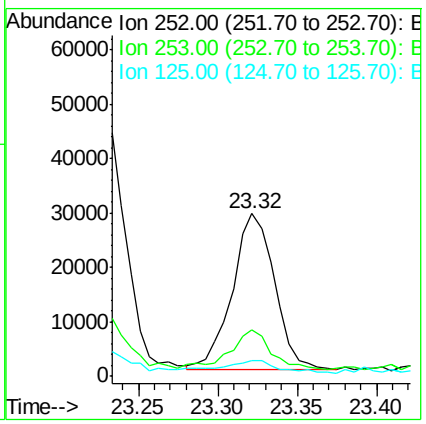


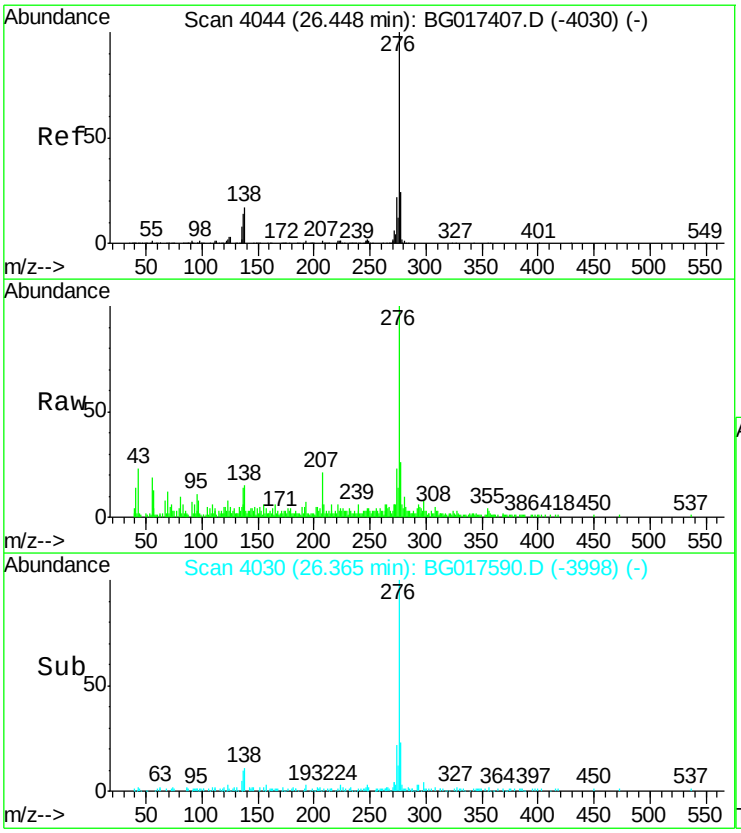
#89
Benzo(a)pyrene
Concen: 5.96 ng
RT: 23.32 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Instrument :
BNA_G
ClientSampleId :
RT440NB6.4(2)

Tgt Ion:252 Resp: 53263

Ion	Ratio	Lower	Upper
252	100		
253	28.7	18.1	27.1#
125	9.7	6.5	9.7





#91
Benzo(g,h,i)perylene
Concen: 8.80 ng
RT: 26.36 min Scan# 4030
Delta R.T. -0.01 min
Lab File: BG017590.D
Acq: 10 Jun 2015 2:41

Tgt Ion:276 Resp: 77753

Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.2	28.8
138	15.1	13.5	20.3