Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121015\
Data File : BG020055.D
Acq On : 9 Dec 2015 22:32
Operator : UM/SJ
Sample : G4698-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KENT-PIT-1

Quant Time: Dec 10 00:53:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	23866	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	102658	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	66462	20.00	ng		-0.03
63) Phenanthrene-d10	17.48	188	153770	20.00	ng		-0.03
75) Chrysene-d12	21.77	240	192662	20.00	ng		-0.02
86) Perylene-d12	25.06	264	185740	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	53030	40.16	ng		-0.01
7) Phenol-d6	7.26	99	49275	24.71	ng		-0.02
23) Nitrobenzene-d5	9.28	82	176220	87.61	ng		-0.02
41) 2,4,6-Tribromophenol	16.22	330	81948	80.58	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	419162	86.11	ng		-0.02
78) Terphenyl-d14	20.09	244	610047	77.23	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	10.98	128	11145	2.03	ng	#	95
32) Benzoic acid	10.11	122	1687	7.25	ng	#	47
48) Acenaphthylene	14.47	152	187186	26.14	ng		99
51) Acenaphthene	14.80	154	35260	8.11	ng		97
54) Dibenzofuran	15.14	168	37024	5.73	ng		96
55) 4-Nitrophenol	15.13	139	14666	14.42	ng	#	14
57) Fluorene	15.78	166	36758	6.35	ng		98
70) Phenanthrene	17.52	178	140121	16.11	ng		96
71) Anthracene	17.61	178	132232	14.92	ng		96
72) Carbazole	17.88	167	39851	5.10	ng		99
74) Fluoranthene	19.55	202	2403898	216.02	ng		89
77) Pyrene	19.68	202	163630	14.44	ng		91
80) Benzo(a)anthracene	21.75	228	1781035	151.02	ng	#	89
82) Chrysene	21.75	228	1781035	159.06	ng		94
85) Indeno(1,2,3-cd)pyrene	28.86	276	1202630	97.50	ng	#	100
87) Benzo(b)fluoranthene	24.04	252	2229134	189.36	ng	#	96
88) Benzo(k)fluoranthene	24.04	252	2229134	191.20	ng	#	96
89) Benzo(a)pyrene	24.77	252	1043243	93.35	ng		97
90) Dibenzo(a,h)anthracene	28.89	278	293851	26.61	ng	#	88
91) Benzo(g,h,i)perylene	30.04	276	1051879	97.02	ng	#	91

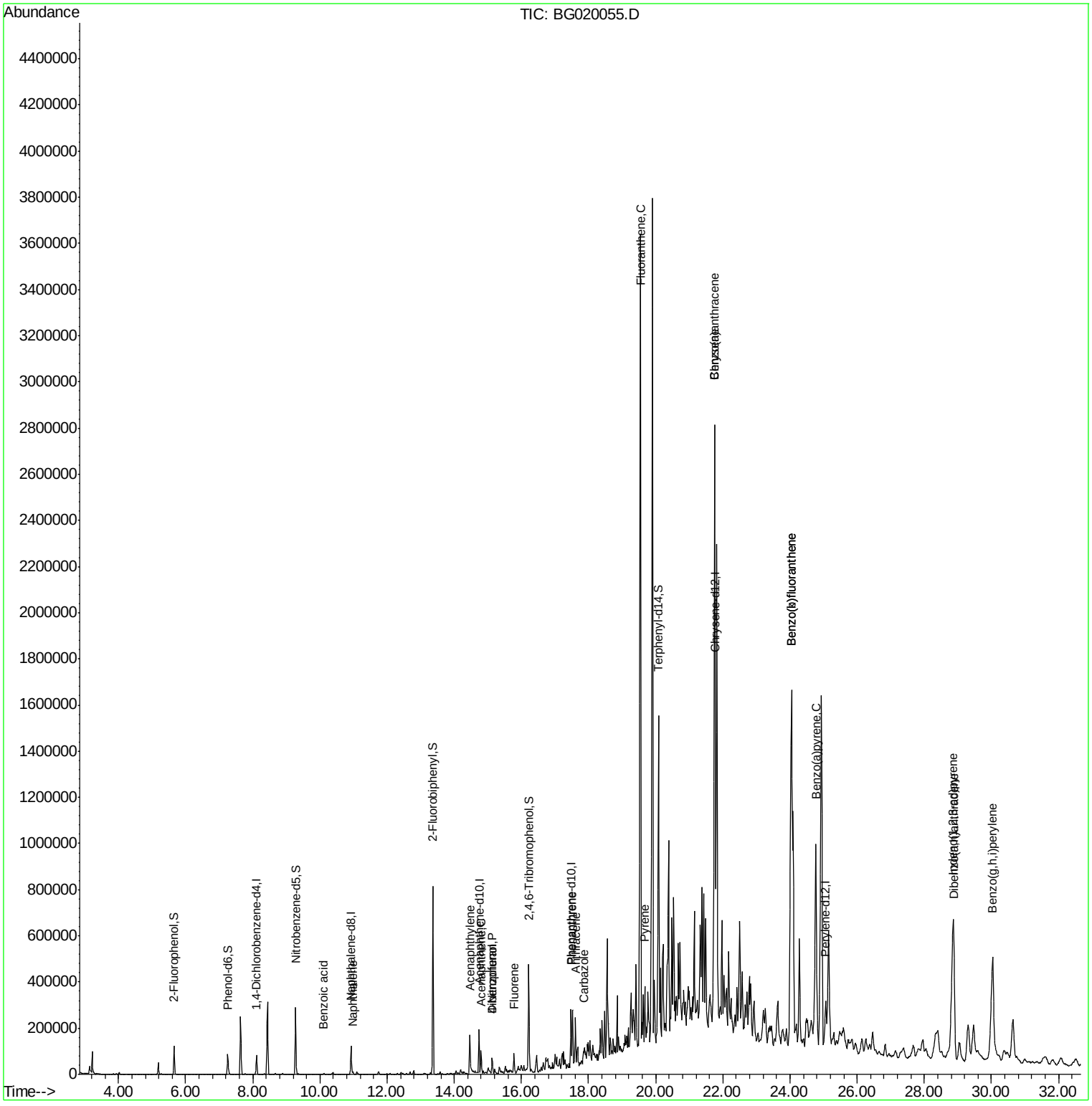
(#) = qualifier out of range (m) = manual integration (+) = signals summed

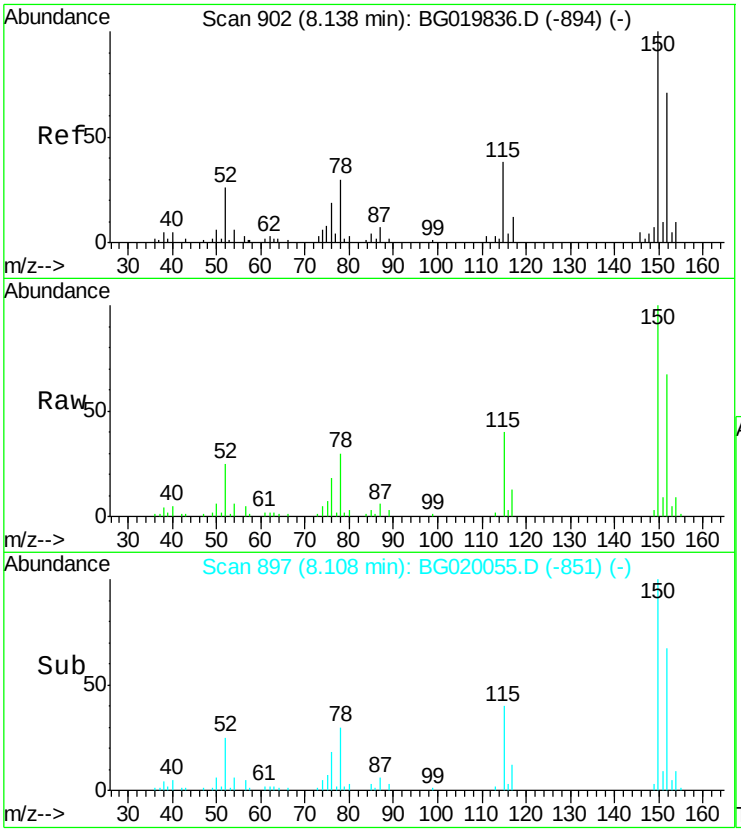
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121015\
Data File : BG020055.D
Acq On : 9 Dec 2015 22:32
Operator : UM/SJ
Sample : G4698-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KENT-PIT-1

Quant Time: Dec 10 00:53:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration



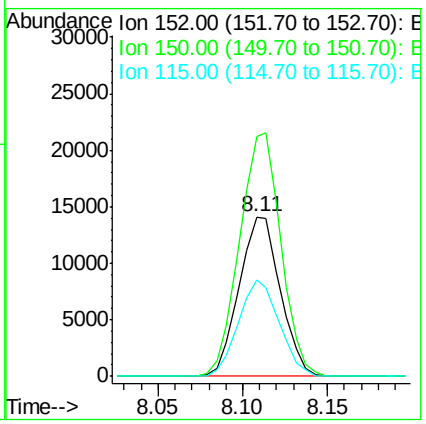


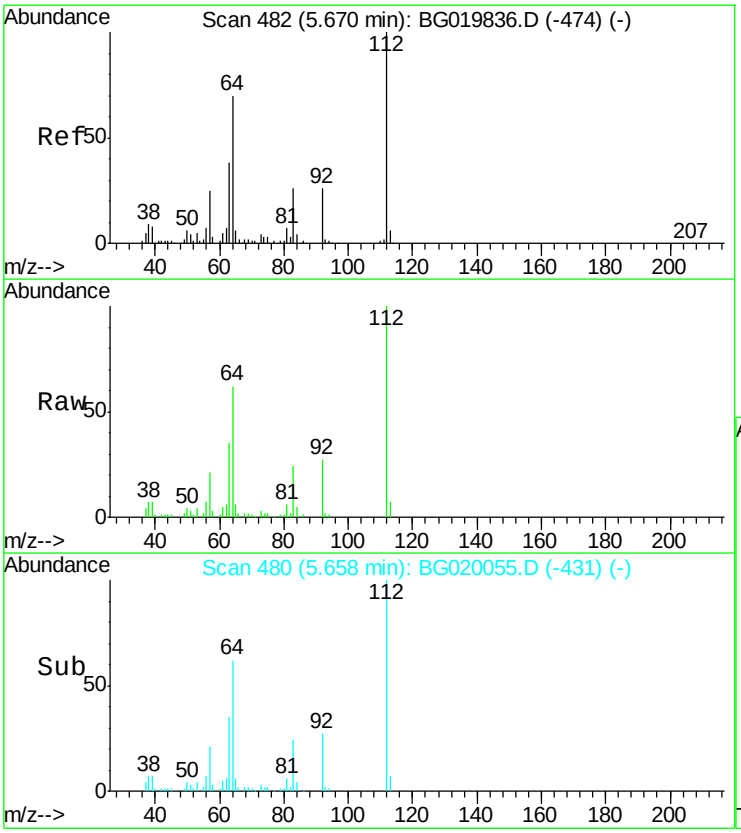
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Instrument :
BNA_G
ClientSampleId :
KENT-PIT-1

Tgt Ion:152 Resp: 23866

Ion	Ratio	Lower	Upper
152	100		
150	150.3	115.0	172.4
115	60.5	43.9	65.9

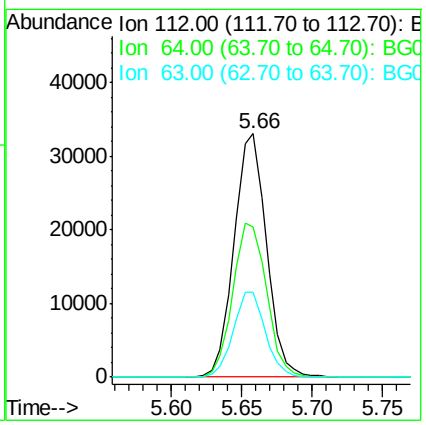


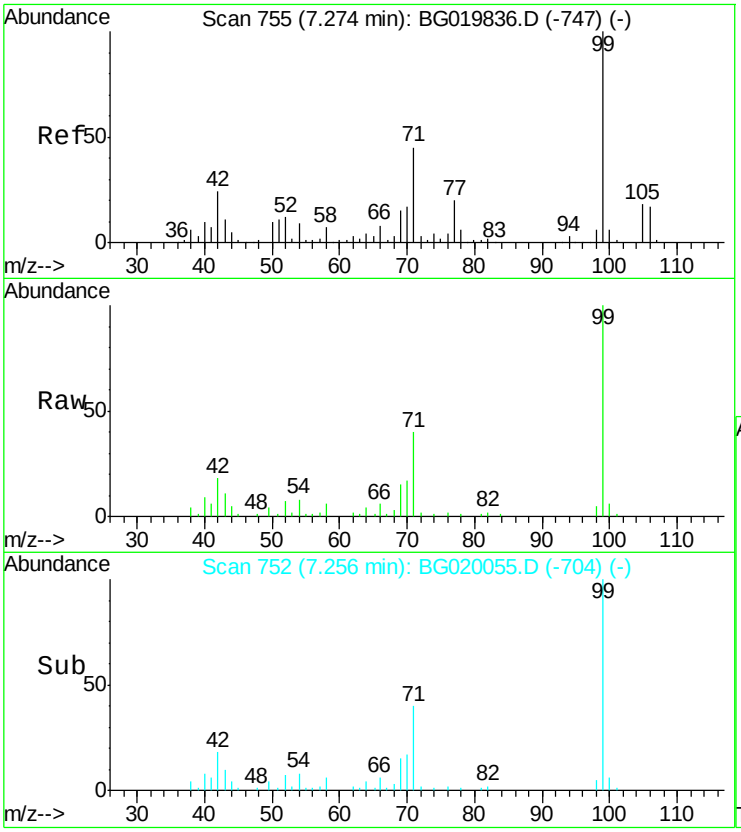


#5
2-Fluorophenol
Concen: 40.16 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Tgt Ion:112 Resp: 53030

Ion	Ratio	Lower	Upper
112	100		
64	61.9	43.7	65.5
63	34.7	24.0	36.0



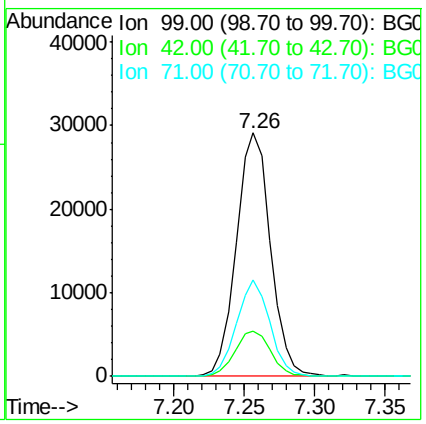


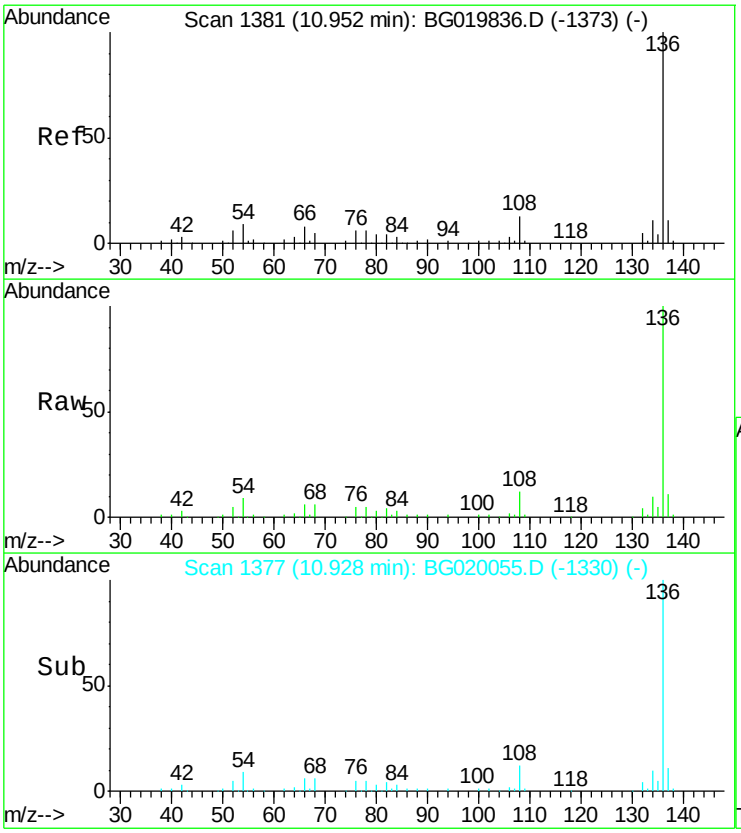
#7
Phenol-d6
Concen: 24.71 ng
RT: 7.26 min Scan# 752
Delta R.T. -0.02 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Instrument :
BNA_G
ClientSampleId :
KENT-PIT-1

Tgt Ion: 99 Resp: 49275

Ion	Ratio	Lower	Upper
99	100		
42	18.4	11.5	17.3#
71	39.5	22.6	34.0#

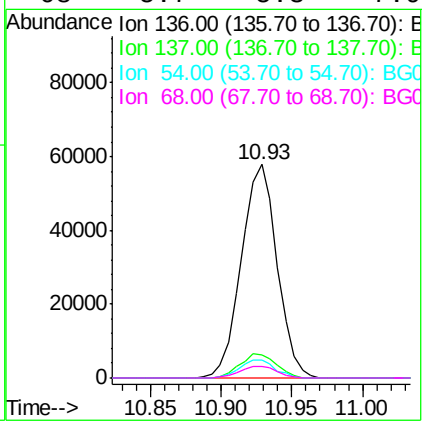


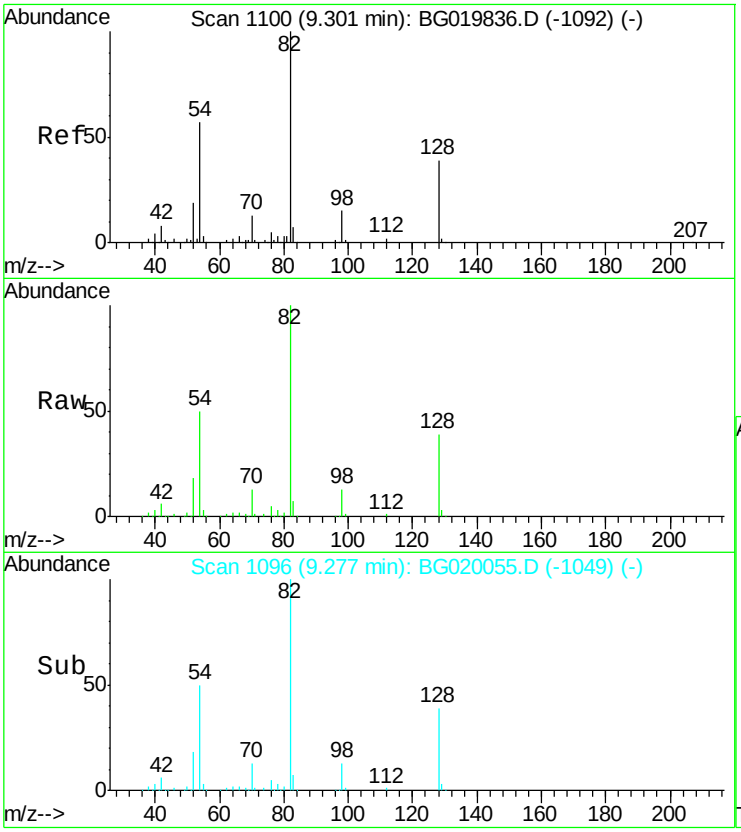


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Tgt Ion:136 Resp: 102658

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.6	5.4	8.2#
68	5.7	5.3	7.9



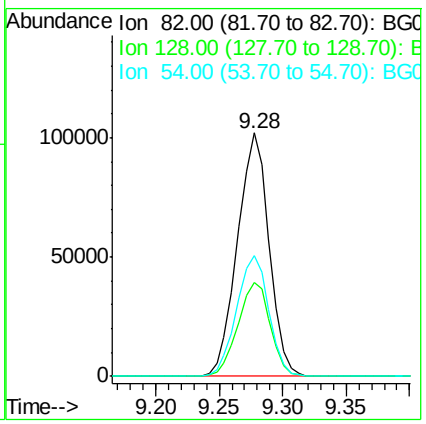


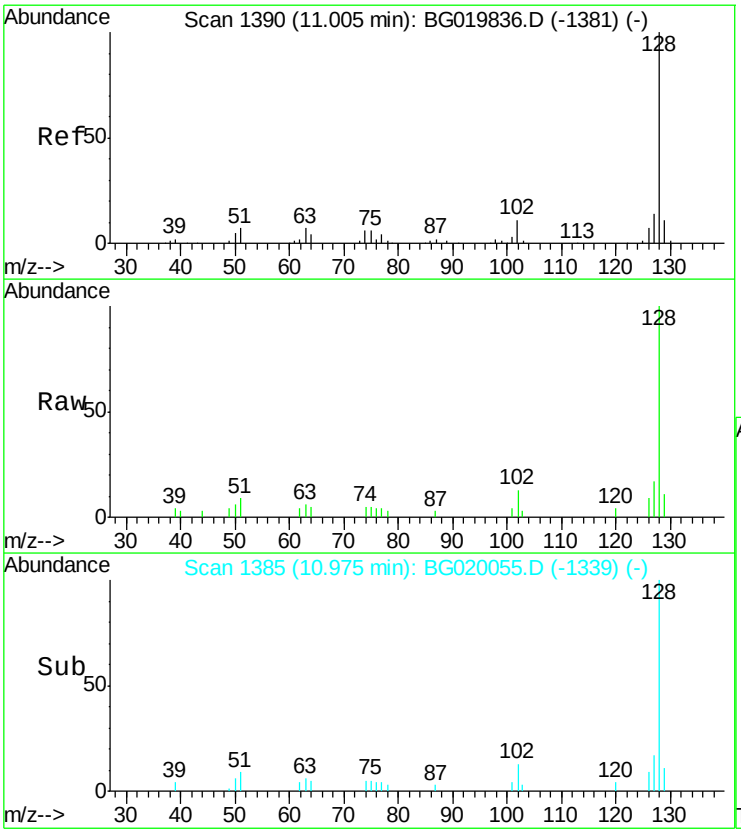
#23
Nitrobenzene-d5
Concen: 87.61 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Instrument :
BNA_G
ClientSampleId :
KENT-PIT-1

Tgt Ion: 82 Resp: 176220

Ion	Ratio	Lower	Upper
82	100		
128	38.6	36.7	55.1
54	49.6	33.8	50.8

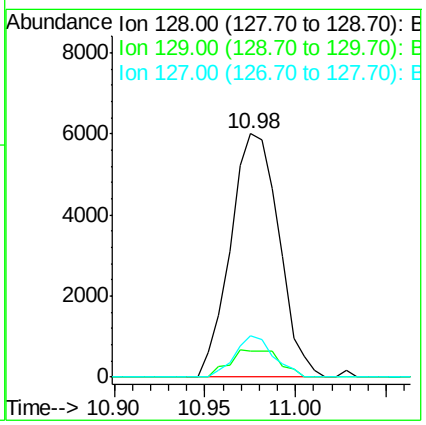


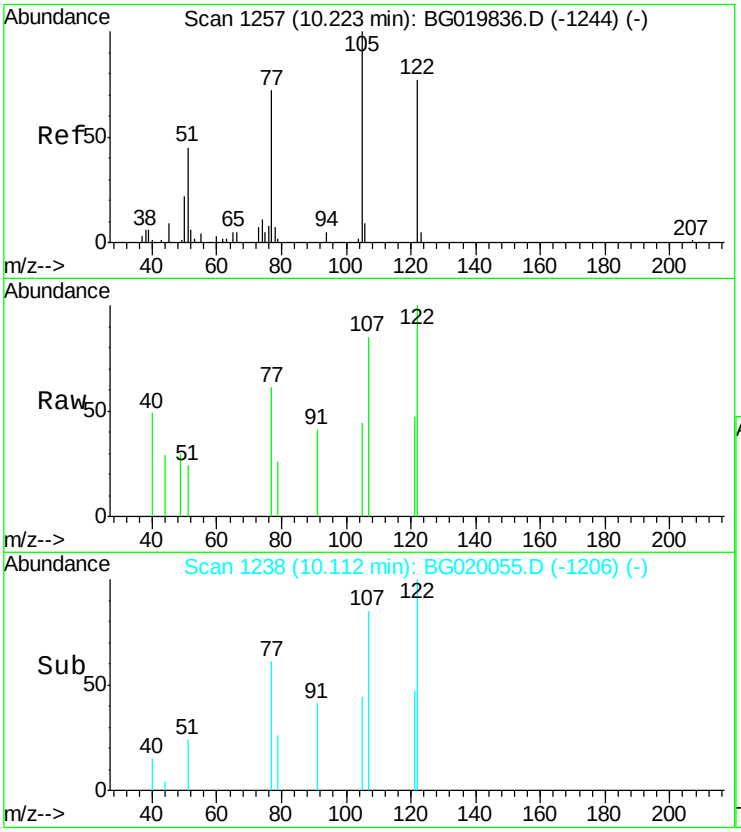


#31
Naphthalene
Concen: 2.03 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.03 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Tgt Ion:128 Resp: 11145

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.5	12.7
127	16.8	10.6	16.0#



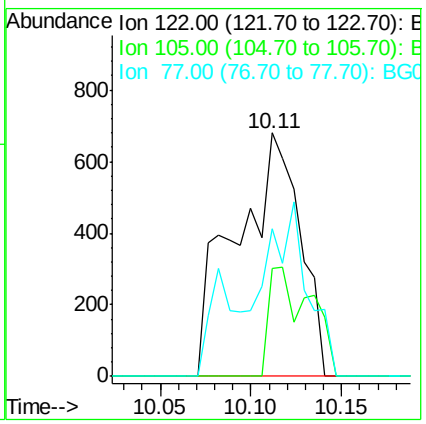


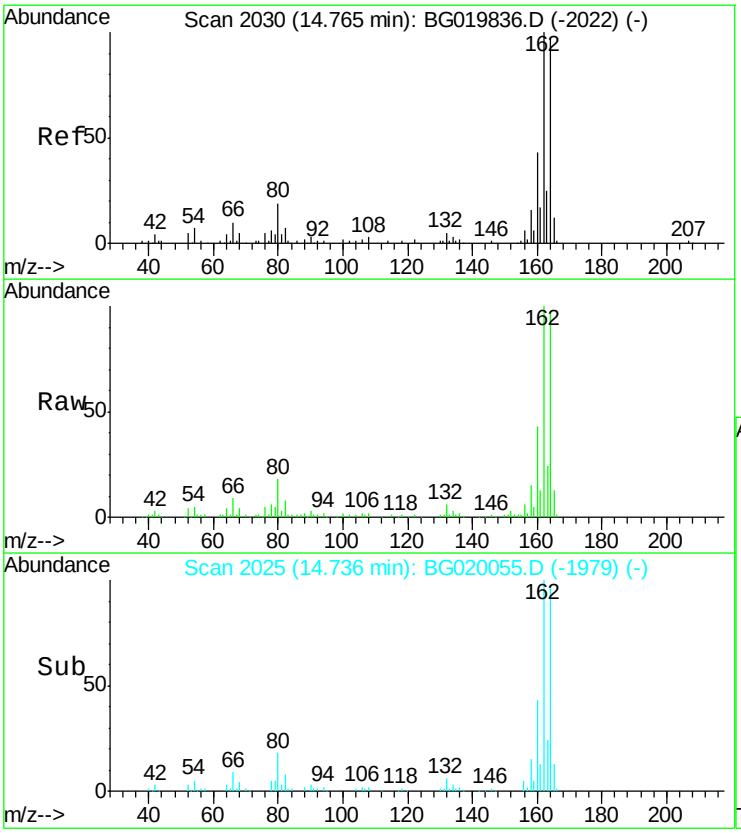
#32
Benzoic acid
Concen: 7.25 ng
RT: 10.11 min Scan# 1238
Delta R.T. -0.11 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Instrument :
BNA_G
ClientSampleId :
KENT-PIT-1

Tgt Ion:122 Resp: 1687

Ion	Ratio	Lower	Upper
122	100		
105	44.3	103.8	143.8#
77	60.9	68.8	108.8#

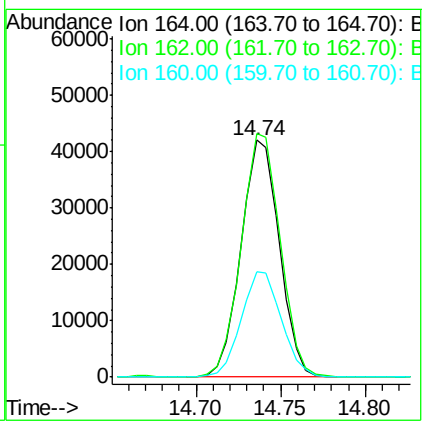


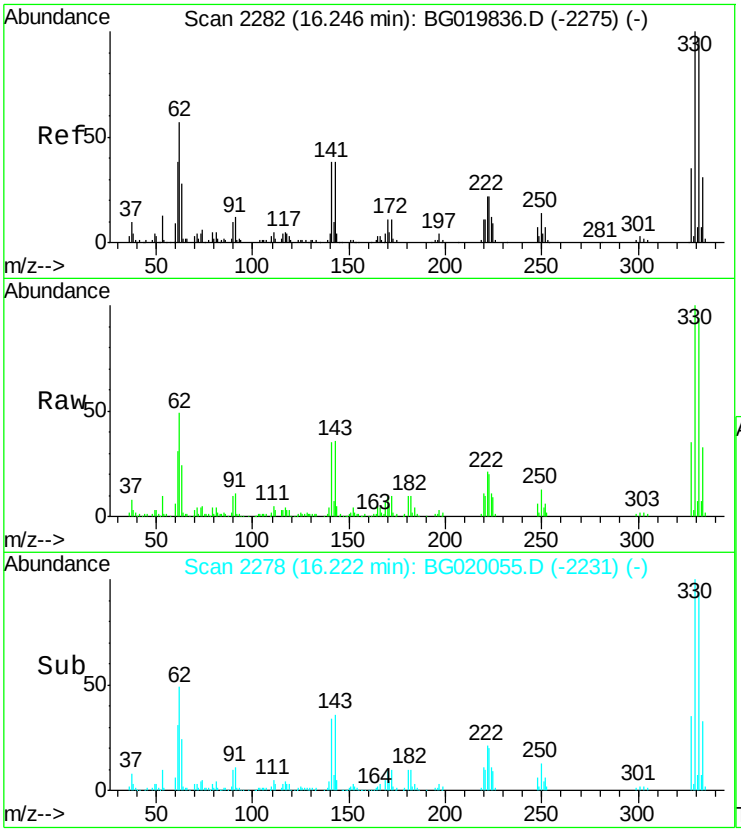


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Tgt Ion:164 Resp: 66462

Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.8	118.2
160	44.7	36.4	54.6



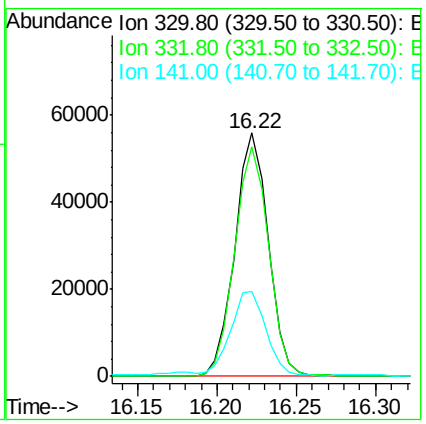


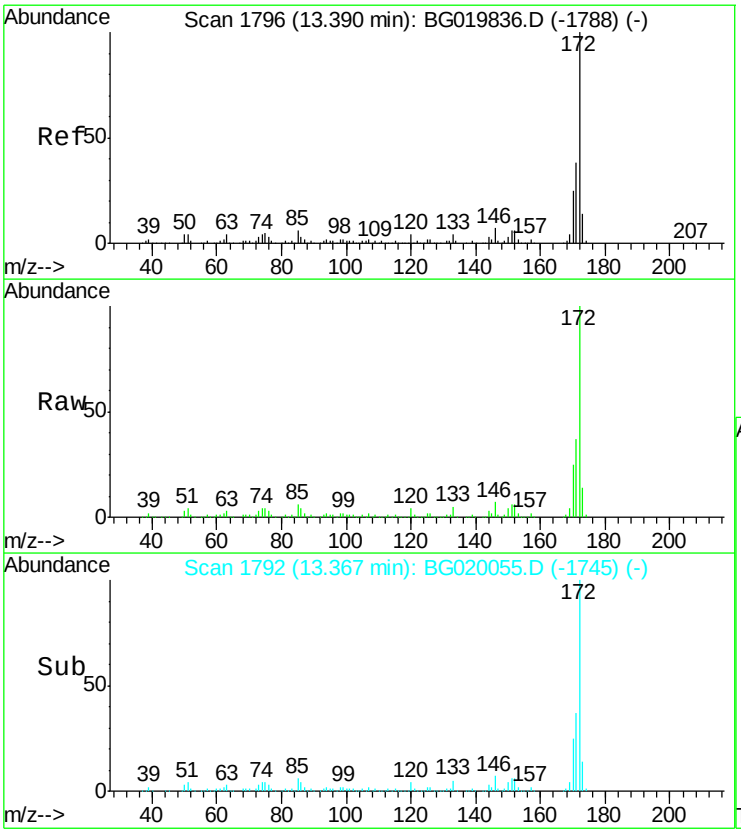
#41
2,4,6-Tribromophenol
Concen: 80.58 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Instrument :
BNA_G
ClientSampleId :
KENT-PIT-1

Tgt Ion:330 Resp: 81948

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.1	117.1
141	39.9	28.2	42.2

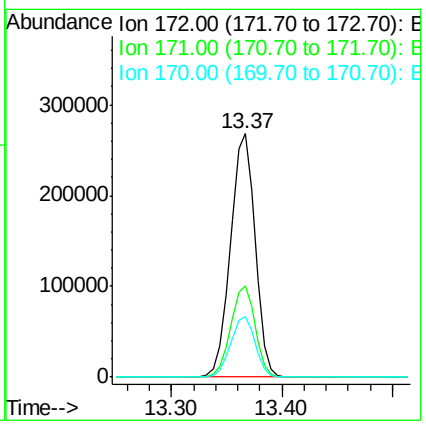


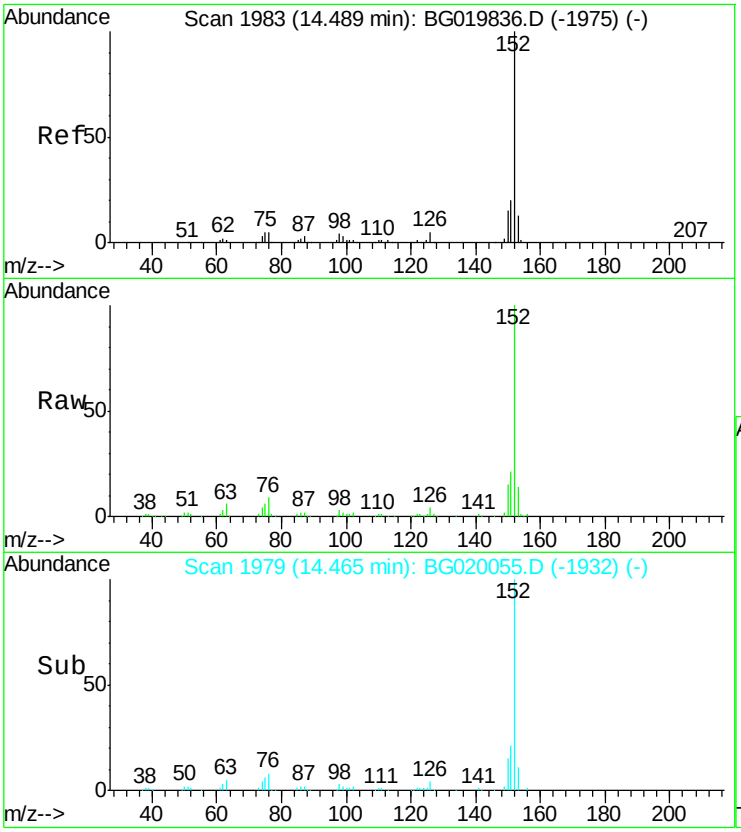


#44
2-Fluorobiphenyl
Concen: 86.11 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Tgt Ion:172 Resp: 419162

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.0	43.6
170	24.9	19.9	29.9



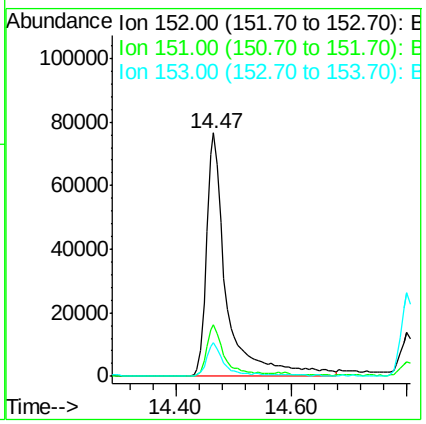


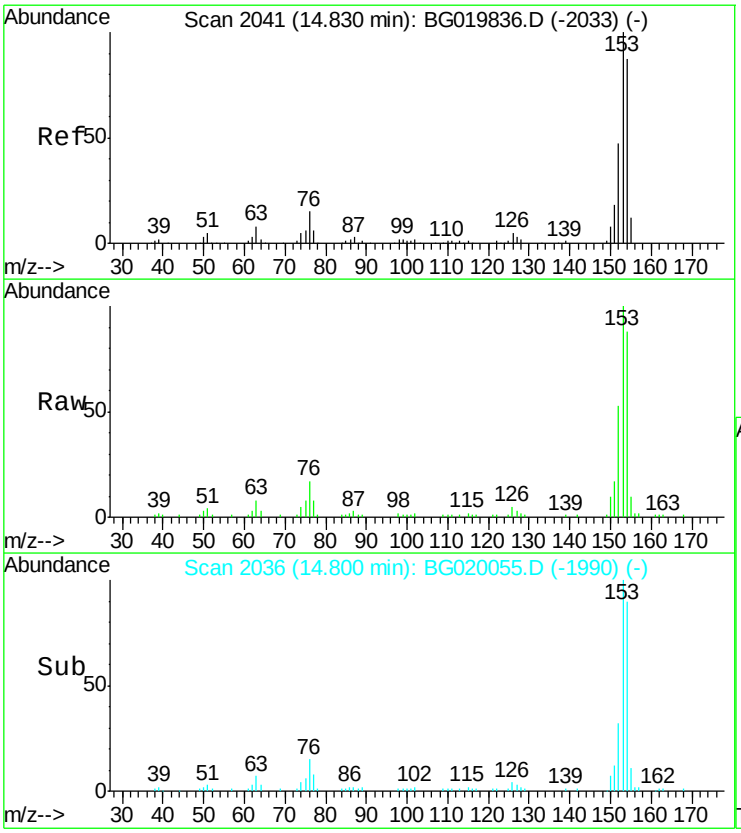
#48
Acenaphthylene
Concen: 26.14 ng
RT: 14.47 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Instrument :
BNA_G
ClientSampleId :
KENT-PIT-1

Tgt Ion:152 Resp: 187186

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.0	25.4
153	13.7	10.4	15.6

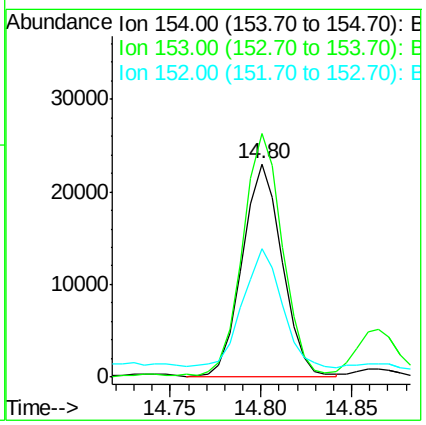


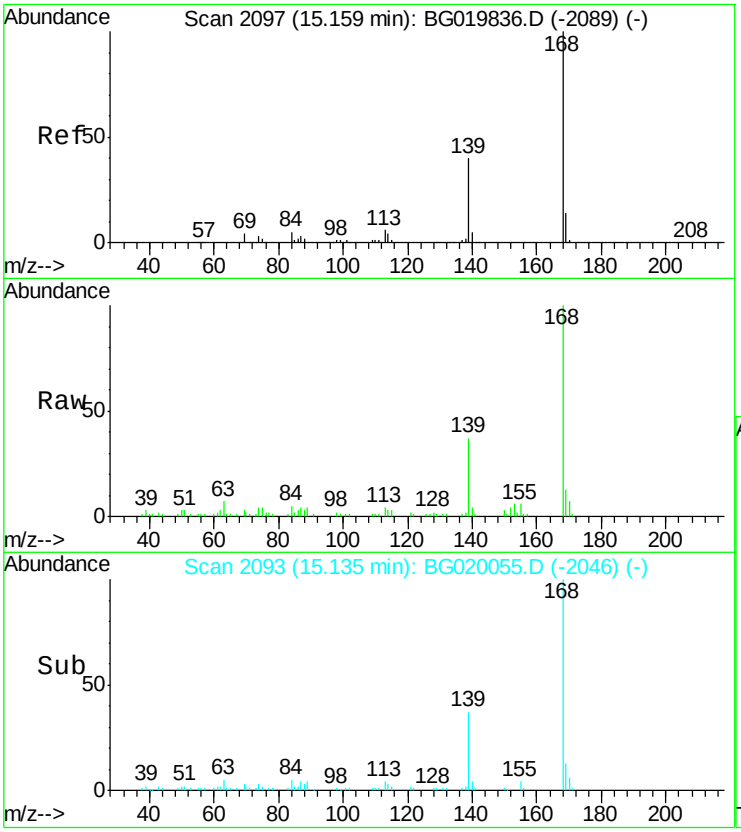


#51
Acenaphthene
Concen: 8.11 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.03 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Tgt Ion:154 Resp: 35260

Ion	Ratio	Lower	Upper
154	100		
153	114.1	92.9	139.3
152	60.2	45.8	68.8



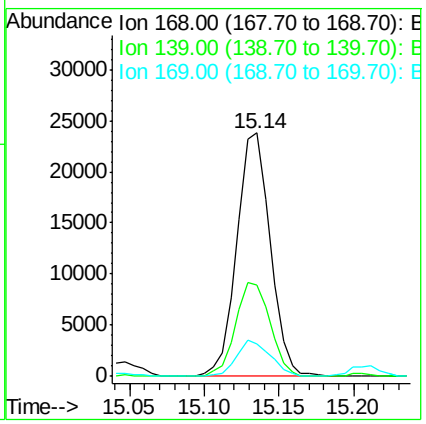


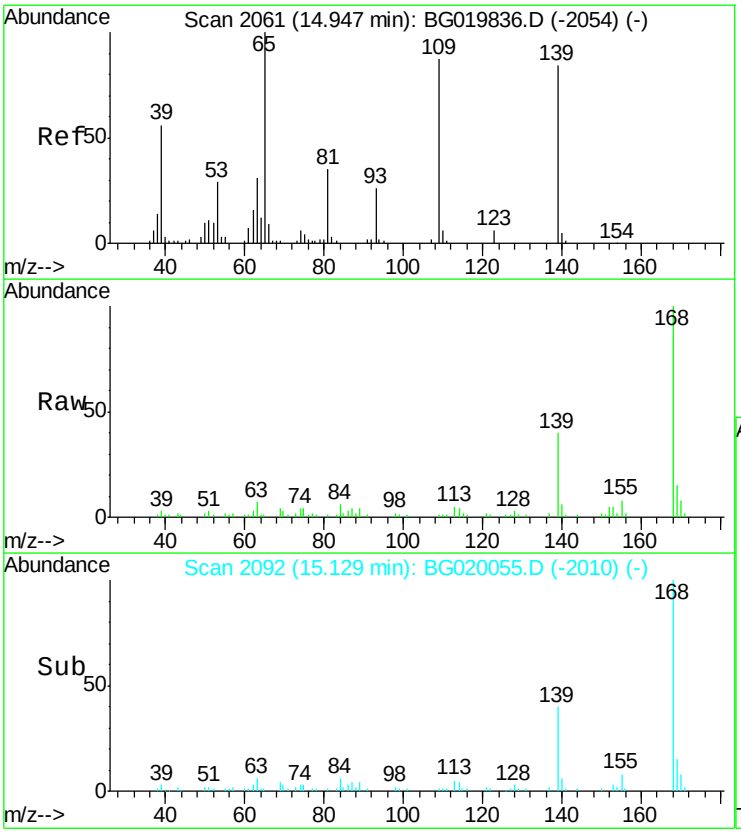
#54
Dibenzofuran
Concen: 5.73 ng
RT: 15.14 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Instrument :
BNA_G
ClientSampleId :
KENT-PIT-1

Tgt Ion:168 Resp: 37024

Ion	Ratio	Lower	Upper
168	100		
139	37.3	27.4	41.0
169	13.5	11.0	16.4

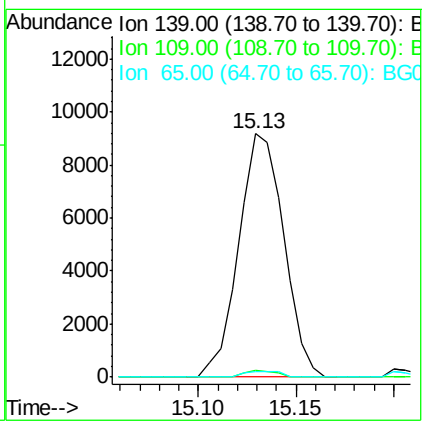


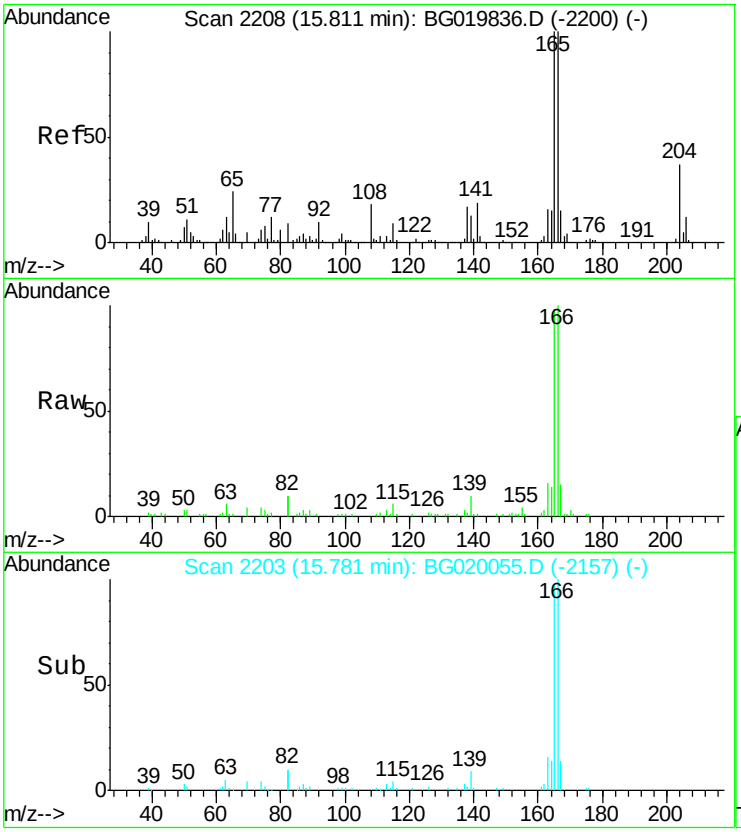


#55
4-Nitrophenol
Concen: 14.42 ng
RT: 15.13 min Scan# 2092
Delta R.T. 0.18 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Tgt Ion:139 Resp: 14666

Ion	Ratio	Lower	Upper
139	100		
109	2.9	43.2	83.2#
65	2.5	67.8	107.8#



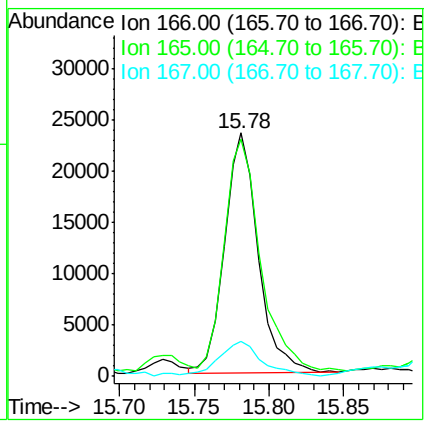


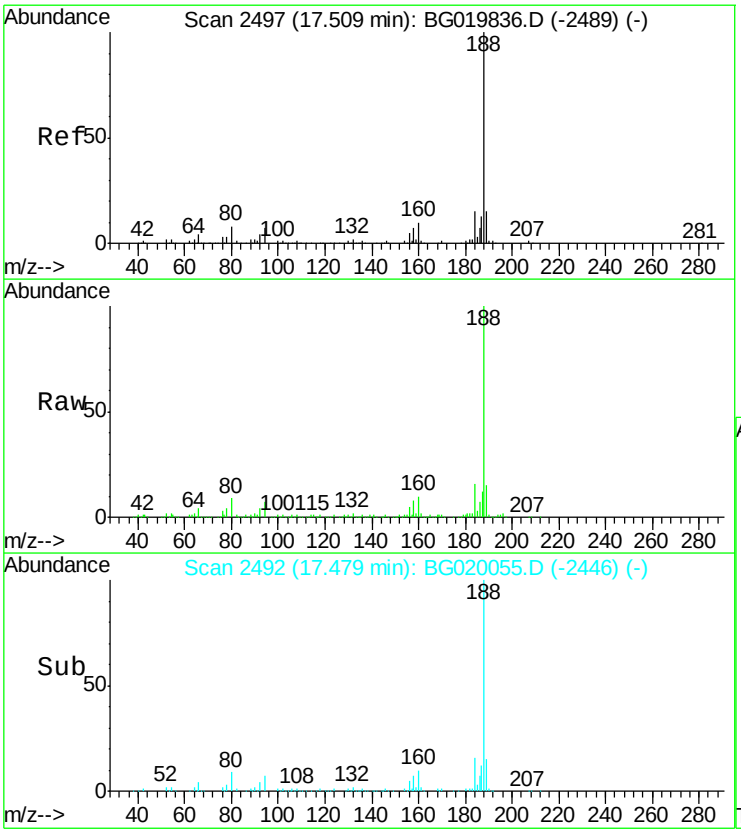
#57
Fluorene
Concen: 6.35 ng
RT: 15.78 min Scan# 2203
Delta R.T. -0.03 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Instrument :
BNA_G
ClientSampleId :
KENT-PIT-1

Tgt Ion:166 Resp: 36758

Ion	Ratio	Lower	Upper
166	100		
165	97.6	80.0	120.0
167	14.5	11.1	16.7

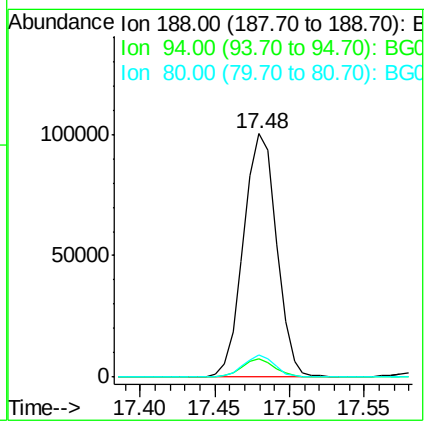


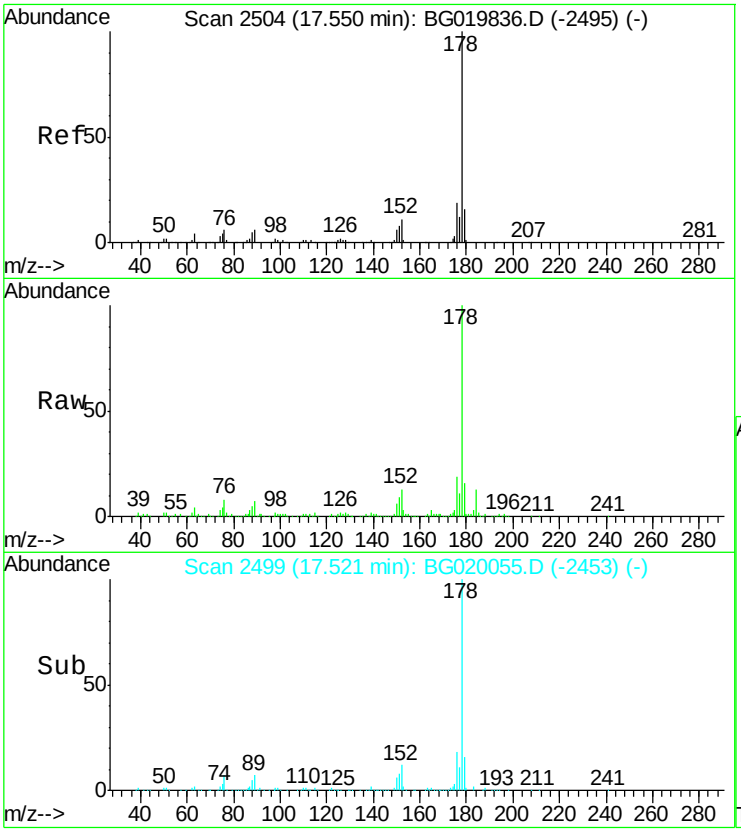


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Tgt Ion:188 Resp: 153770

Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.7	11.5#
80	9.0	7.8	11.8



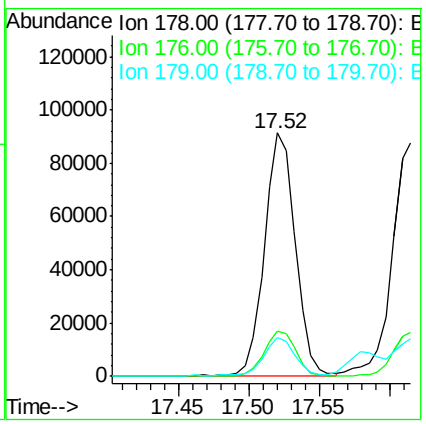


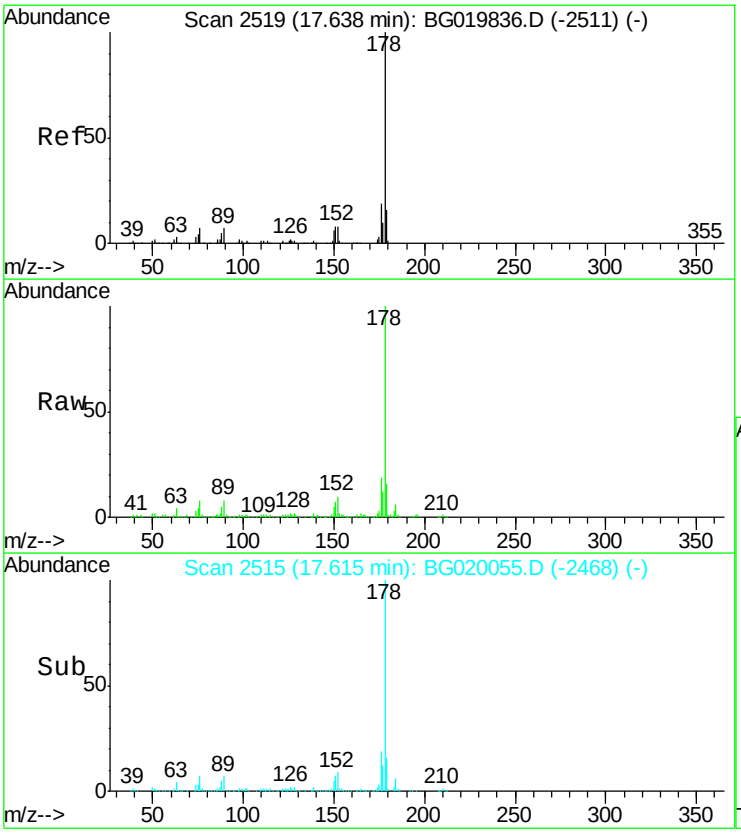
#70
Phenanthrene
Concen: 16.11 ng
RT: 17.52 min Scan# 2499
Delta R.T. -0.03 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Instrument :
BNA_G
ClientSampleId :
KENT-PIT-1

Tgt Ion:178 Resp: 140121

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.7	25.1
179	16.2	13.9	20.9

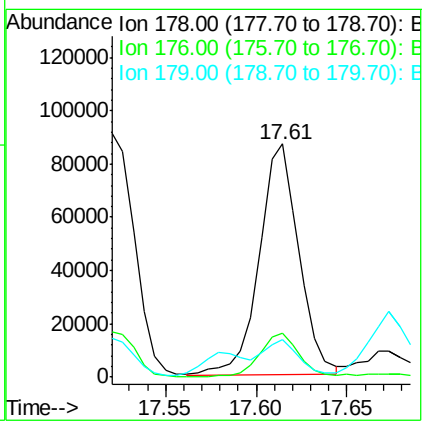


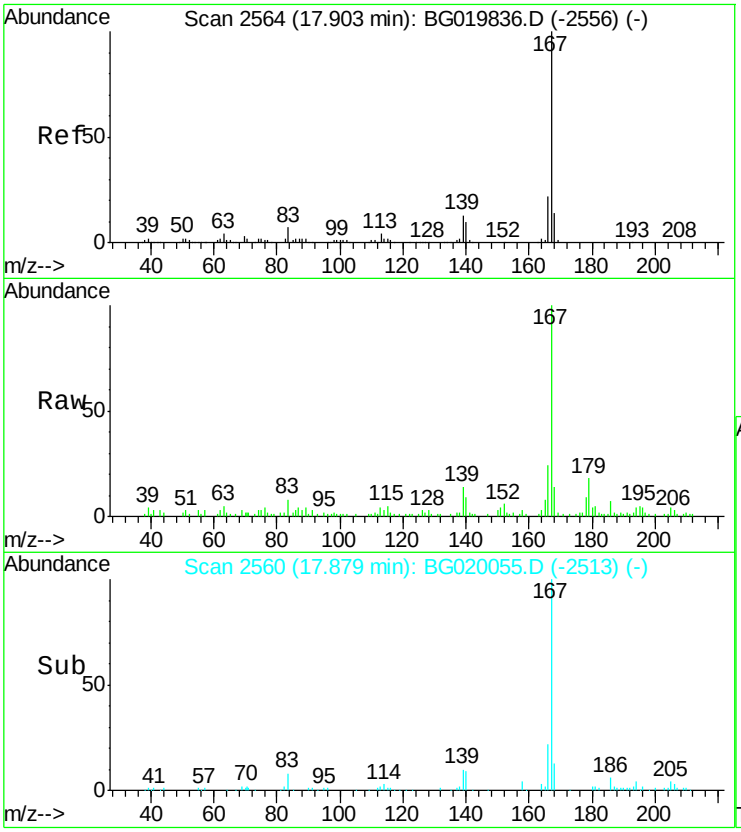


#71
Anthracene
Concen: 14.92 ng
RT: 17.61 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Tgt Ion:178 Resp: 132232

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.8	25.2
179	15.9	13.9	20.9



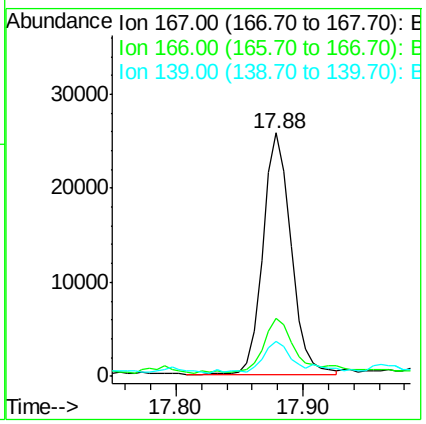


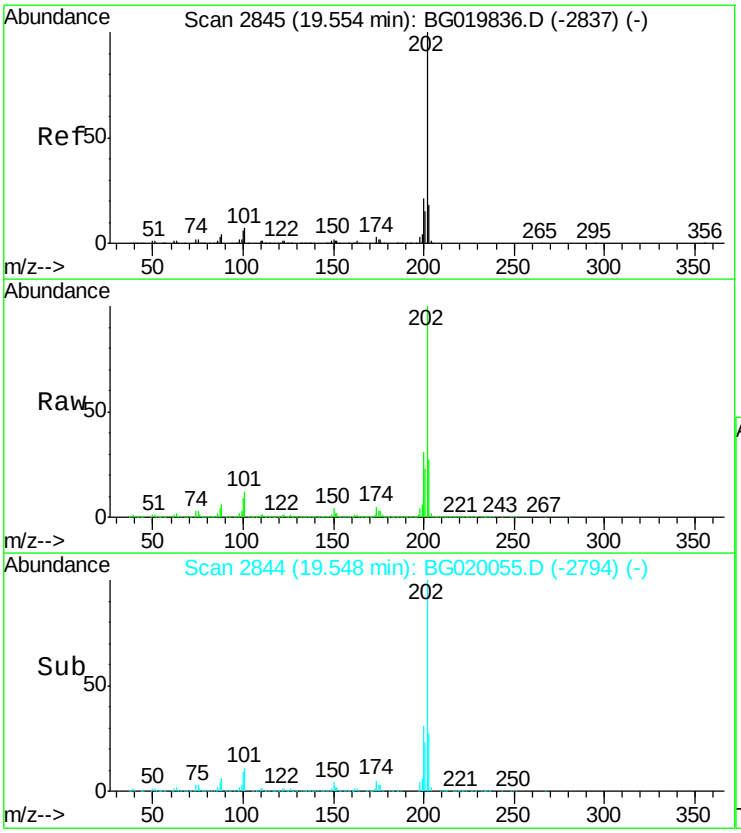
#72
Carbazole
Concen: 5.10 ng
RT: 17.88 min Scan# 2560
Delta R.T. -0.02 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Instrument :
BNA_G
ClientSampleId :
KENT-PIT-1

Tgt Ion:167 Resp: 39851

Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.0	28.6
139	14.2	10.2	15.4

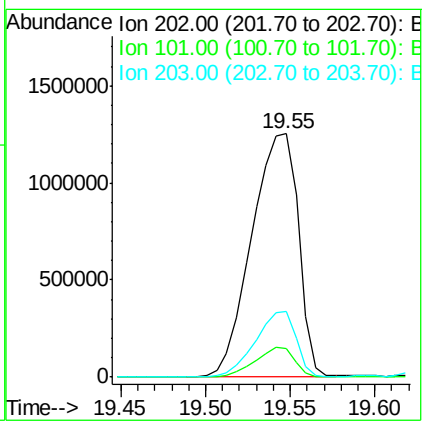


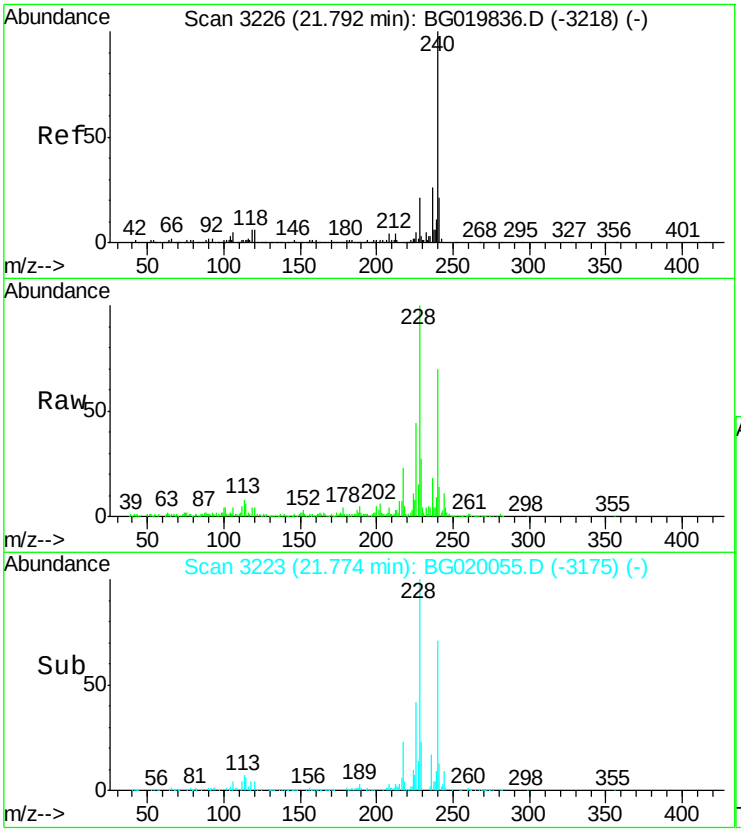


#74
Fluoranthene
Concen: 216.02 ng
RT: 19.55 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Tgt Ion:202 Resp: 2403898

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	32.4
203	26.9	0.0	39.5



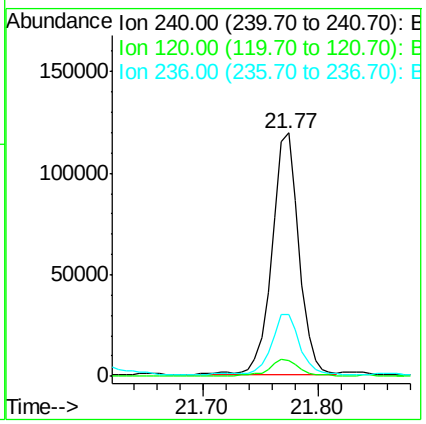


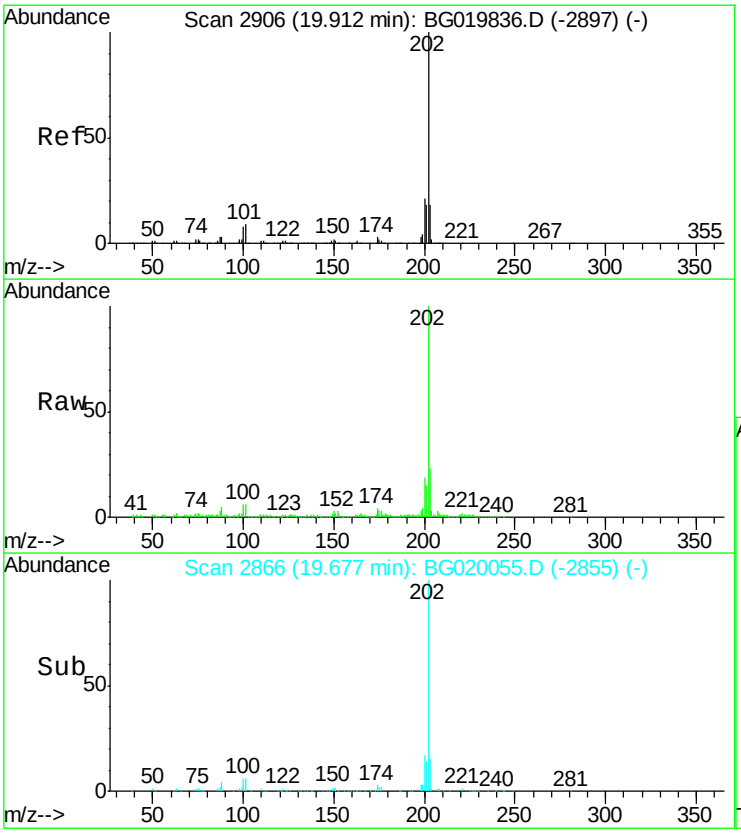
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3223
Delta R.T. -0.02 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Instrument :
BNA_G
ClientSampleId :
KENT-PIT-1

Tgt Ion:240 Resp: 192662

Ion	Ratio	Lower	Upper
240	100		
120	6.4	7.4	11.0#
236	25.3	20.7	31.1

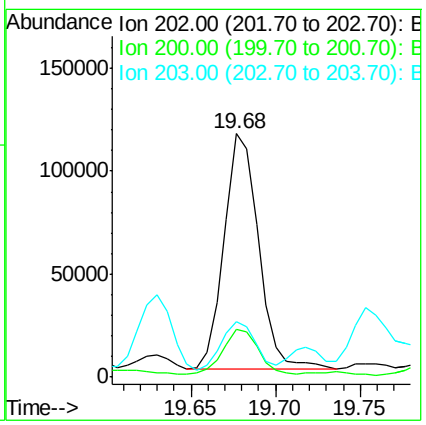


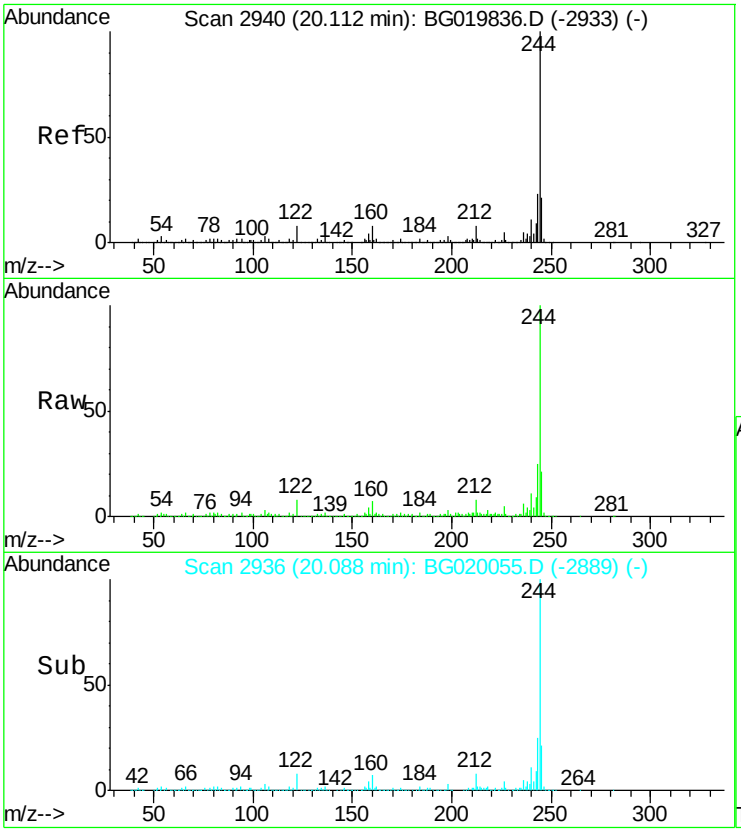


#77
Pyrene
Concen: 14.44 ng
RT: 19.68 min Scan# 2866
Delta R.T. -0.24 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Tgt Ion:202 Resp: 163630

Ion	Ratio	Lower	Upper
202	100		
200	19.4	19.4	29.0
203	23.0	15.5	23.3



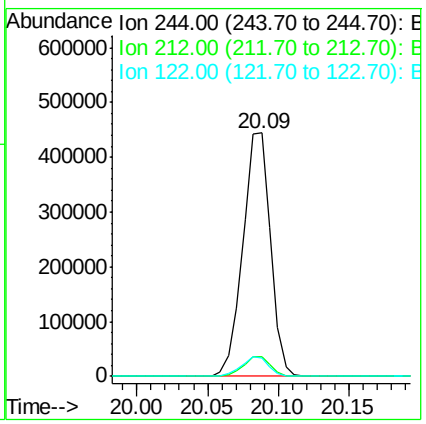


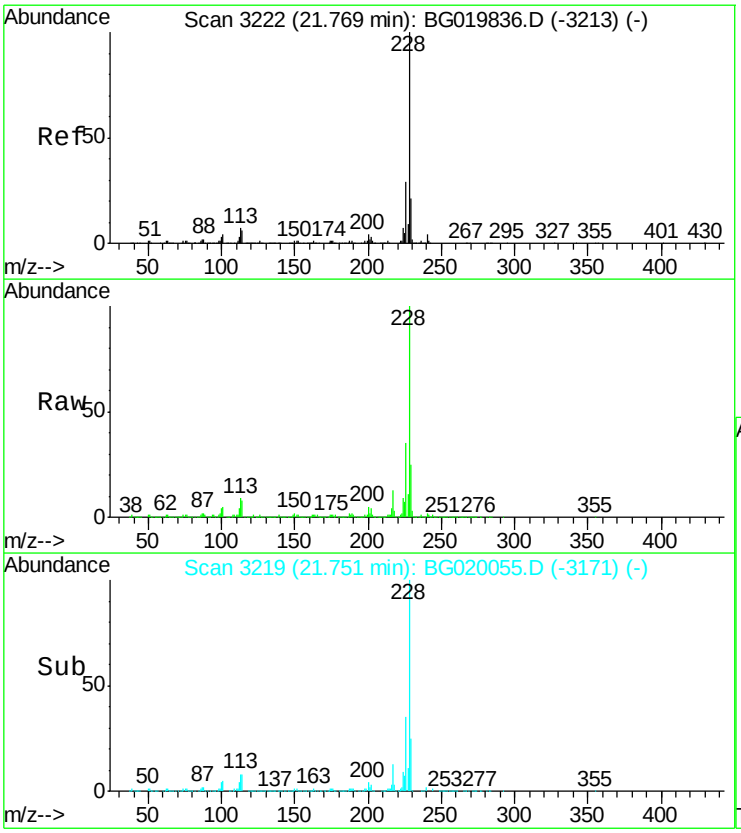
#78
Terphenyl-d14
Concen: 77.23 ng
RT: 20.09 min Scan# 2936
Delta R.T. -0.02 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Instrument :
BNA_G
ClientSampleId :
KENT-PIT-1

Tgt Ion:244 Resp: 610047

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	7.6	10.2	15.2#

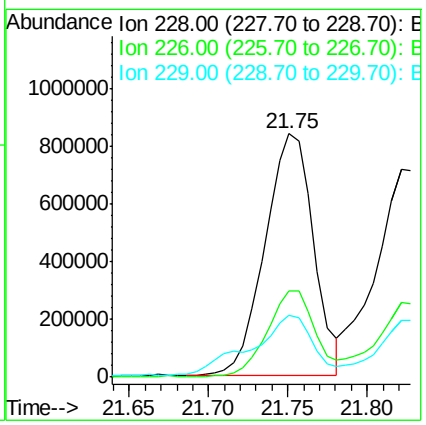


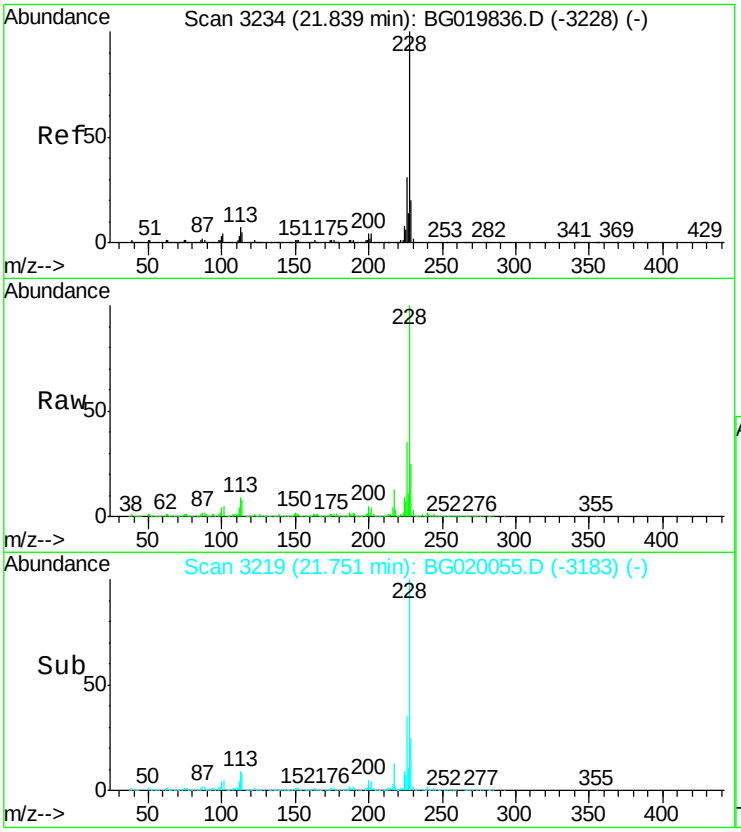


#80
Benzo(a)anthracene
Concen: 151.02 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.02 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Tgt Ion:228 Resp: 1781035

Ion	Ratio	Lower	Upper
228	100		
226	35.3	23.4	35.0#
229	25.5	16.6	25.0#



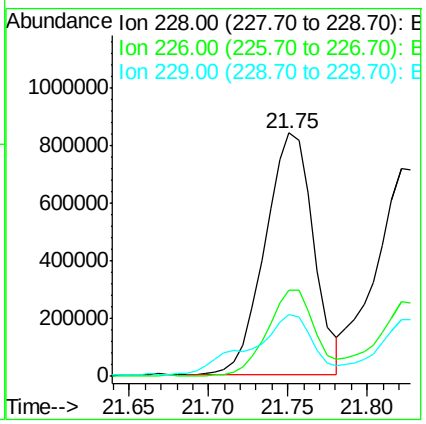


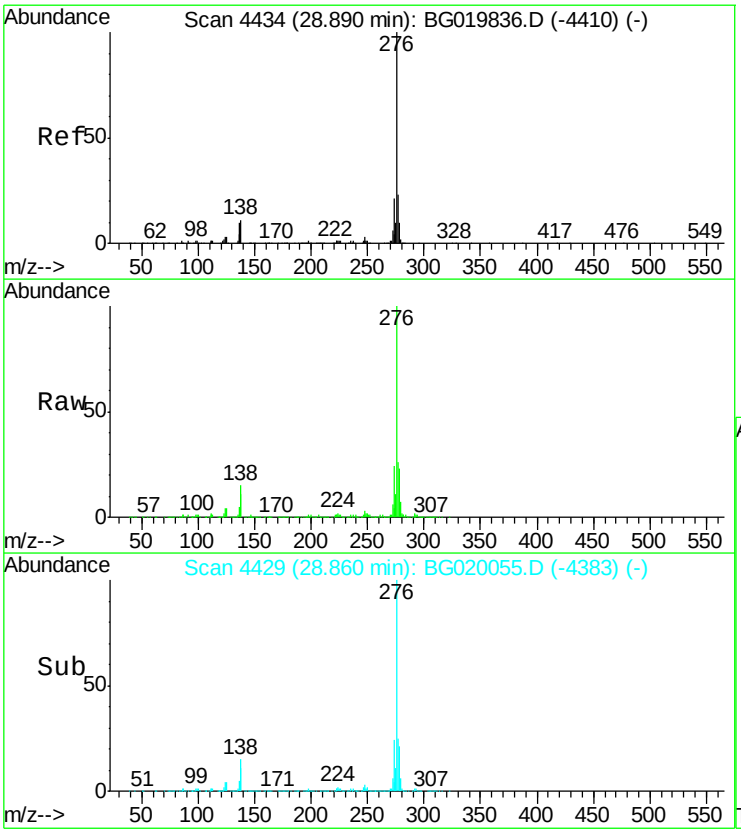
#82
Chrysene
Concen: 159.06 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.09 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Instrument :
BNA_G
ClientSampleId :
KENT-PIT-1

Tgt Ion:228 Resp: 1781035

Ion	Ratio	Lower	Upper
228	100		
226	35.3	26.7	40.1
229	25.5	17.0	25.6

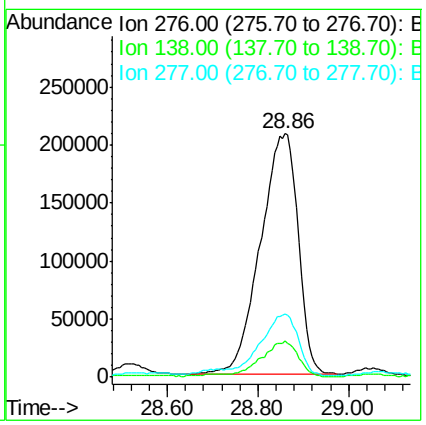


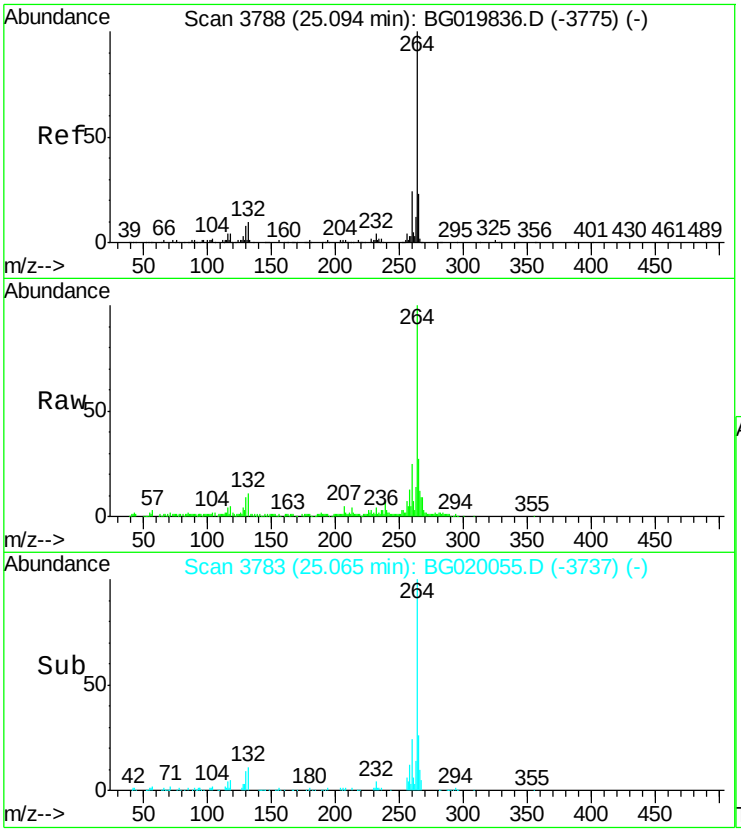


#85
Indeno(1,2,3-cd)pyrene
Concen: 97.50 ng
RT: 28.86 min Scan# 4429
Delta R.T. -0.03 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Tgt Ion:276 Resp: 1202630

Ion	Ratio	Lower	Upper
276	100		
138	14.0	0.0	0.0#
277	25.3	0.0	0.0#



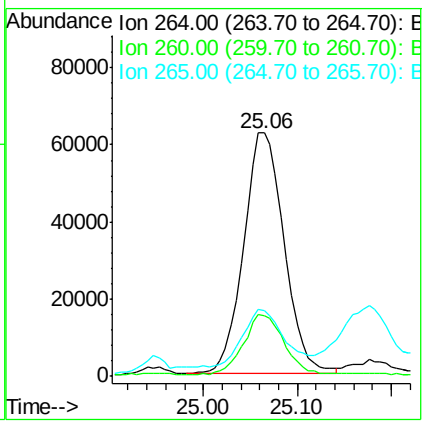


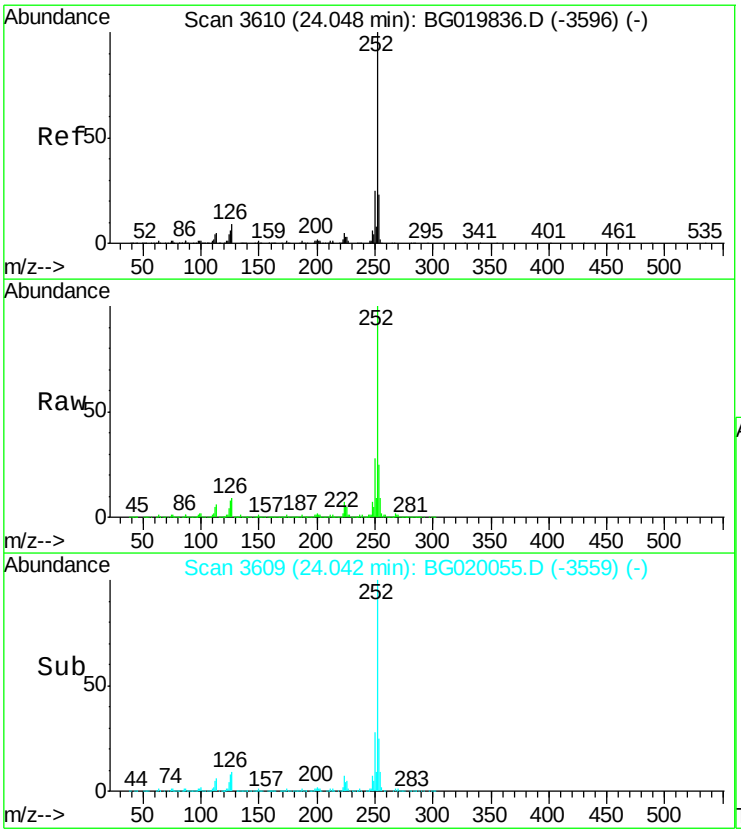
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3783
Delta R.T. -0.03 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Instrument :
BNA_G
ClientSampleId :
KENT-PIT-1

Tgt Ion:264 Resp: 185740

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.5	27.7
265	26.7	17.2	25.8#

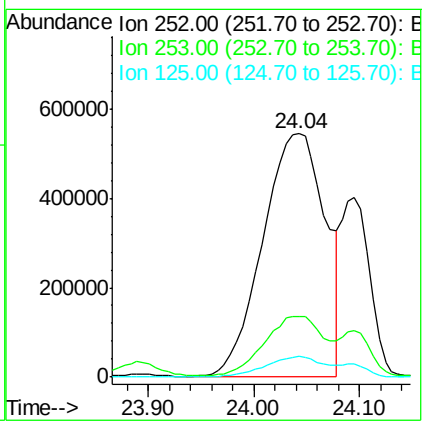


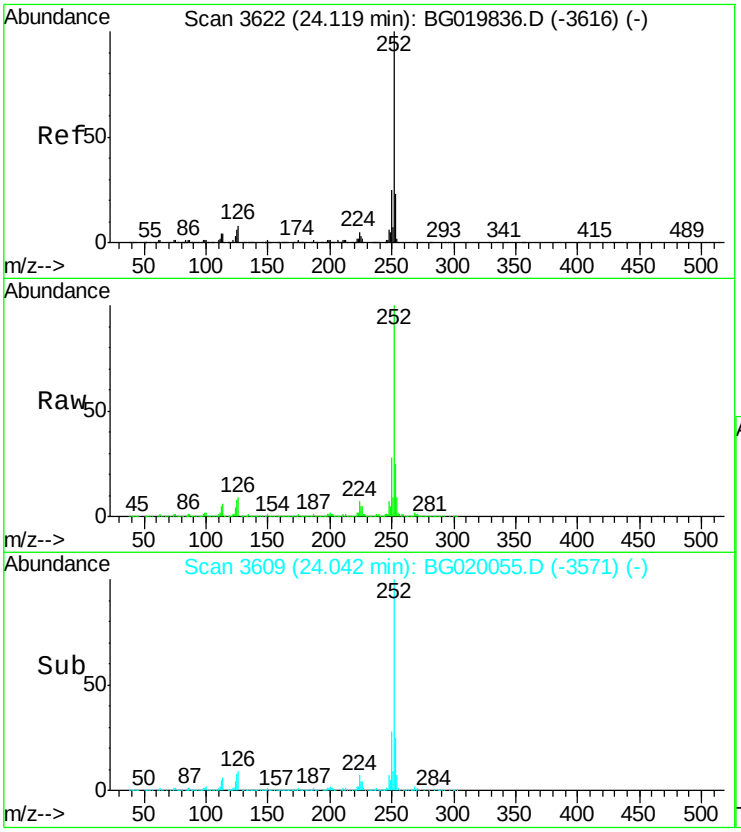


#87
Benzo(b)fluoranthene
Concen: 189.36 ng
RT: 24.04 min Scan# 3609
Delta R.T. -0.01 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Tgt Ion:252 Resp: 2229134

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.1	28.7
125	8.5	8.9	13.3#



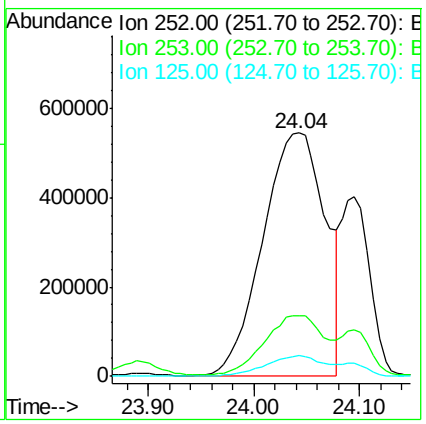


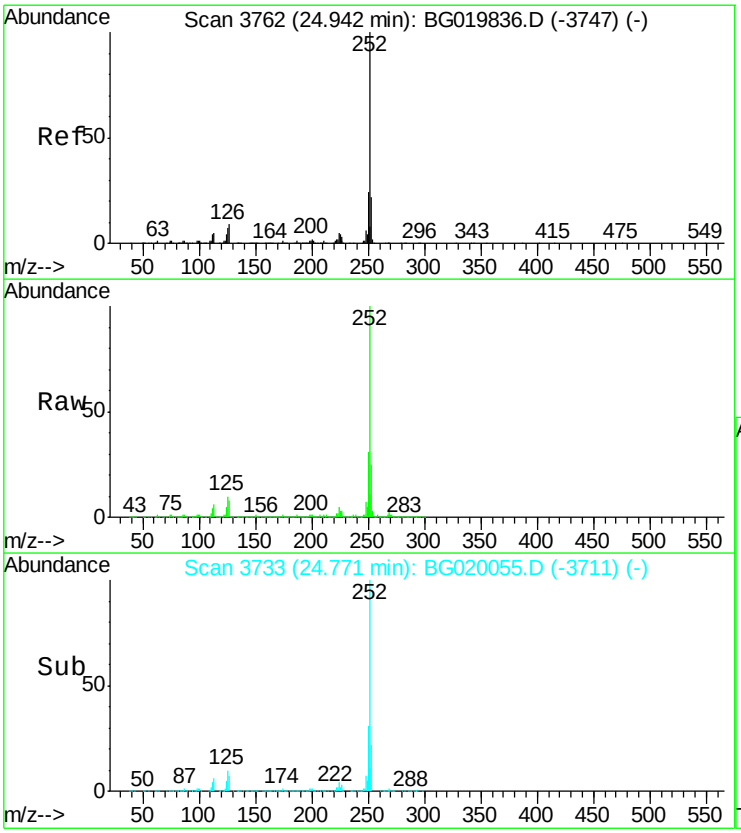
#88
Benzo(k)fluoranthene
Concen: 191.20 ng
RT: 24.04 min Scan# 3609
Delta R.T. -0.08 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Instrument :
BNA_G
ClientSampleId :
KENT-PIT-1

Tgt Ion:252 Resp: 2229134

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.0	28.4
125	8.5	8.9	13.3#

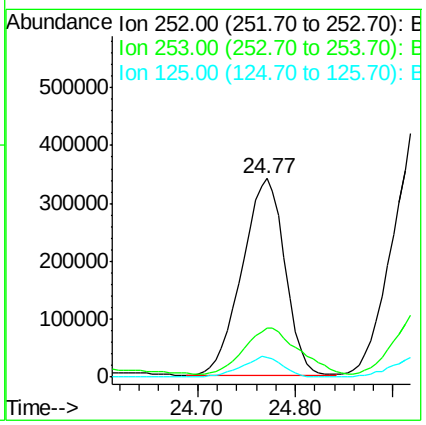


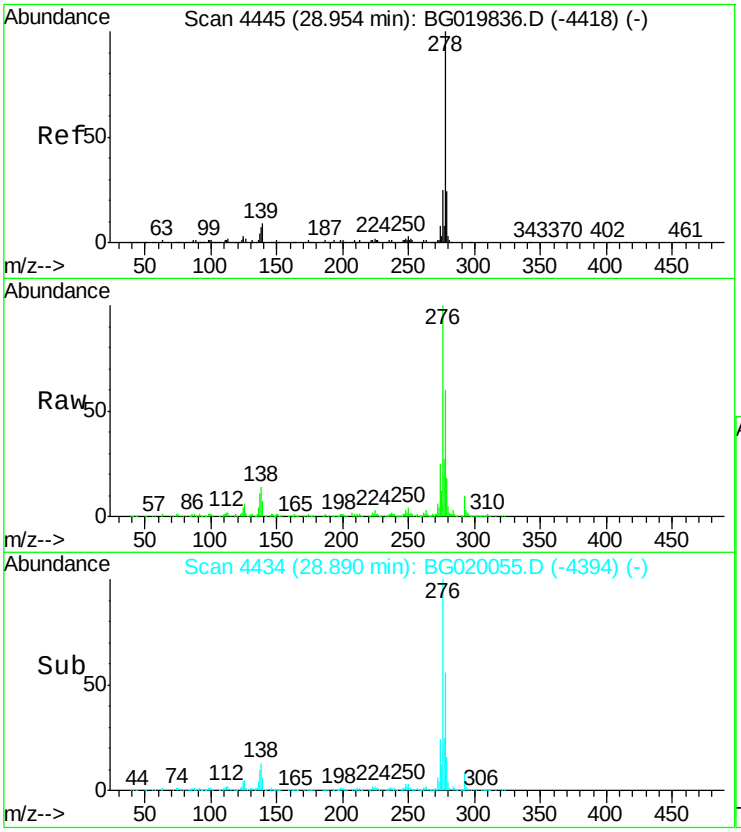


#89
Benzo(a)pyrene
Concen: 93.35 ng
RT: 24.77 min Scan# 3733
Delta R.T. -0.17 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Tgt Ion:252 Resp: 1043243

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.7	28.1
125	9.9	9.1	13.7



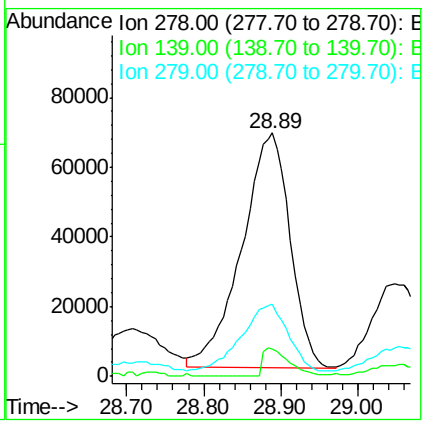


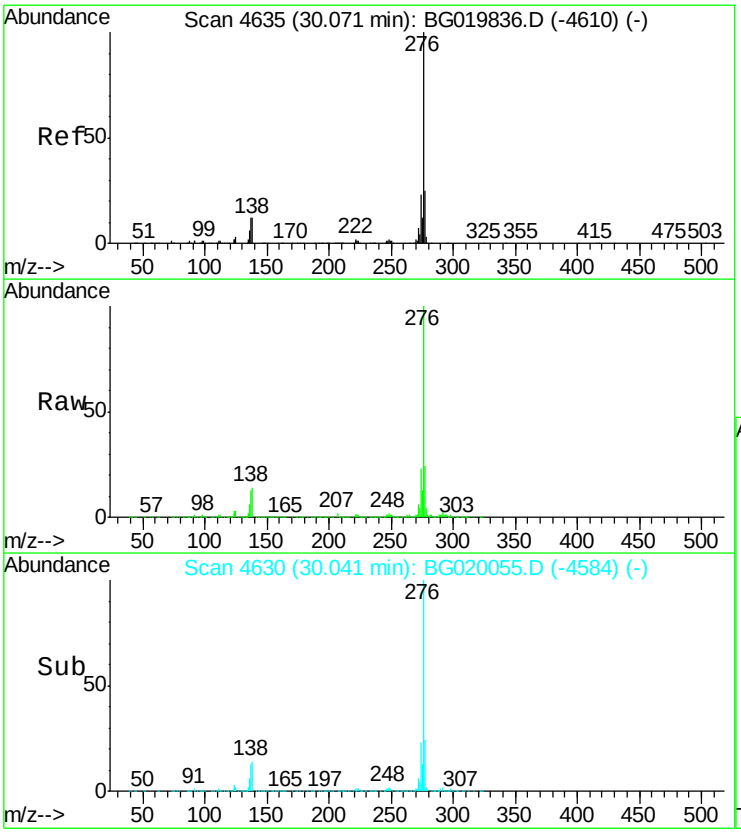
#90
Dibenzo(a,h)anthracene
Concen: 26.61 ng
RT: 28.89 min Scan# 4434
Delta R.T. -0.06 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Instrument :
BNA_G
ClientSampleId :
KENT-PIT-1

Tgt Ion:278 Resp: 293851

Ion	Ratio	Lower	Upper
278	100		
139	11.1	13.8	20.6#
279	29.6	19.4	29.0#





#91
Benzo(g,h,i)perylene
Concen: 97.02 ng
RT: 30.04 min Scan# 4630
Delta R.T. -0.03 min
Lab File: BG020055.D
Acq: 9 Dec 2015 22:32

Tgt Ion:276 Resp: 1051879

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.4	27.6
138	14.3	17.4	26.0#