Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121115\
Data File : BG020083.D
Acq On : 10 Dec 2015 19:54
Operator : UM/SJ
Sample : G4683-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S20-15

Quant Time: Dec 11 04:48:34 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	21239	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	90194	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	60432	20.00	ng		-0.02
63) Phenanthrene-d10	17.48	188	146331	20.00	ng		-0.03
75) Chrysene-d12	21.75	240	177027	20.00	ng		-0.04
86) Perylene-d12	25.03	264	168313	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	182476	155.28	ng		-0.01
7) Phenol-d6	7.26	99	273767	154.30	ng		-0.01
23) Nitrobenzene-d5	9.28	82	183591	103.88	ng		-0.02
41) 2,4,6-Tribromophenol	16.22	330	135786	146.85	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	334846	75.66	ng		-0.02
78) Terphenyl-d14	20.08	244	587501	80.95	ng		-0.03
Target Compounds							Qvalue
10) Phenol	7.29	94	4804	2.57	ng	#	69
49) Dimethylphthalate	14.18	163	134701	24.78	ng		97
70) Phenanthrene	17.52	178	58982	7.12	ng		95
74) Fluoranthene	19.52	202	93757	8.85	ng		92
77) Pyrene	19.89	202	82956	7.97	ng		95
80) Benzo(a)anthracene	21.73	228	58138	5.37	ng		99
82) Chrysene	21.80	228	49719	4.83	ng		97
85) Indeno(1,2,3-cd)pyrene	28.77	276	24661	2.18	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	57094	5.35	ng	#	95
88) Benzo(k)fluoranthene	23.99	252	57094	5.40	ng	#	95
89) Benzo(a)pyrene	24.87	252	44459	4.39	ng	#	97
91) Benzo(g,h,i)perylene	29.93	276	21449	2.18	ng		95

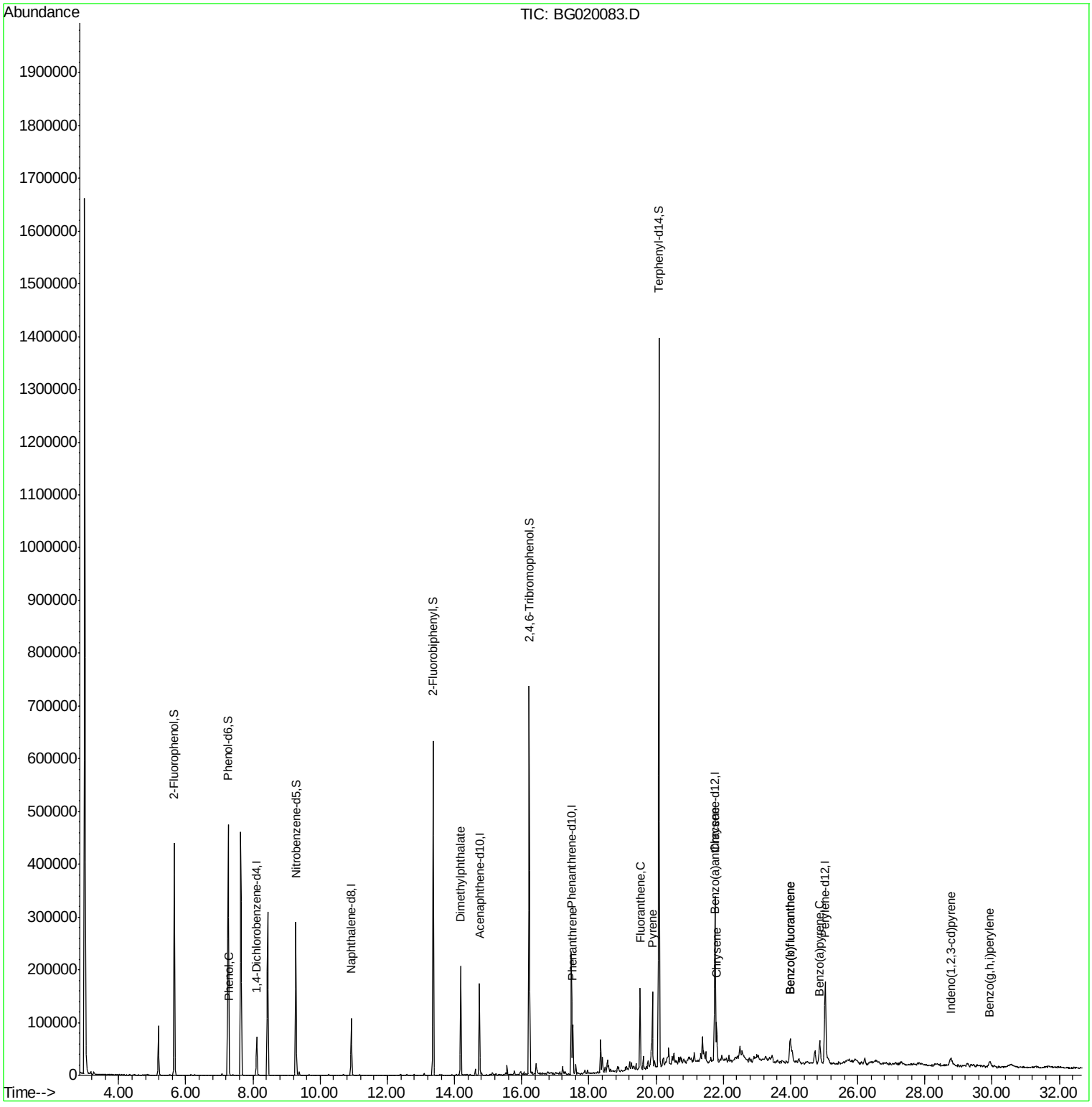
(#) = qualifier out of range (m) = manual integration (+) = signals summed

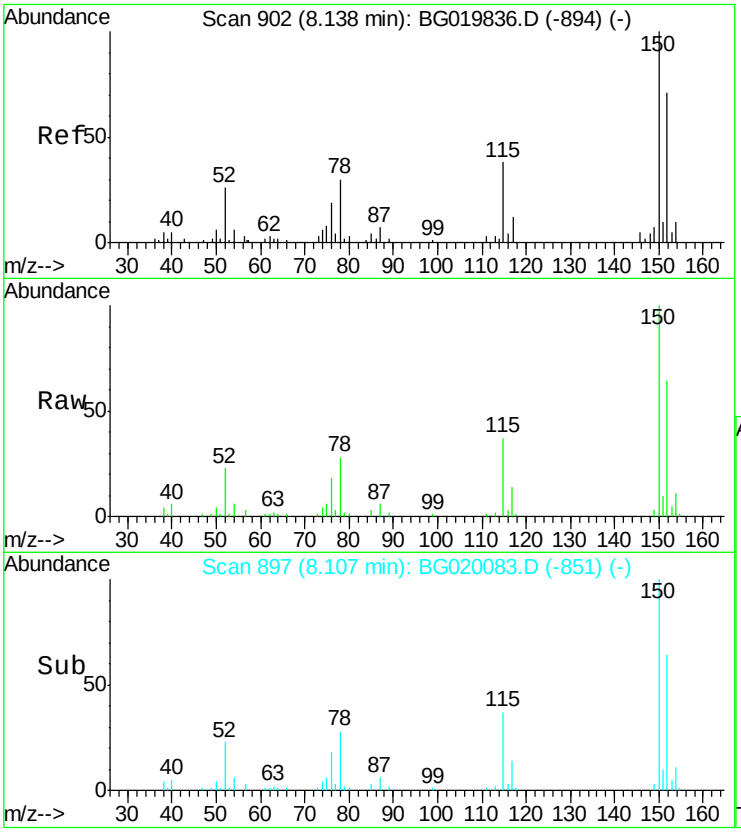
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121115\
Data File : BG020083.D
Acq On : 10 Dec 2015 19:54
Operator : UM/SJ
Sample : G4683-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S20-15

Quant Time: Dec 11 04:48:34 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



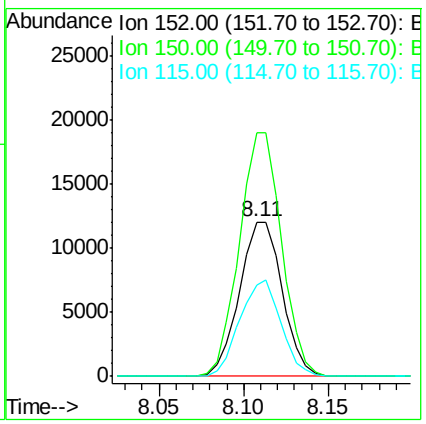


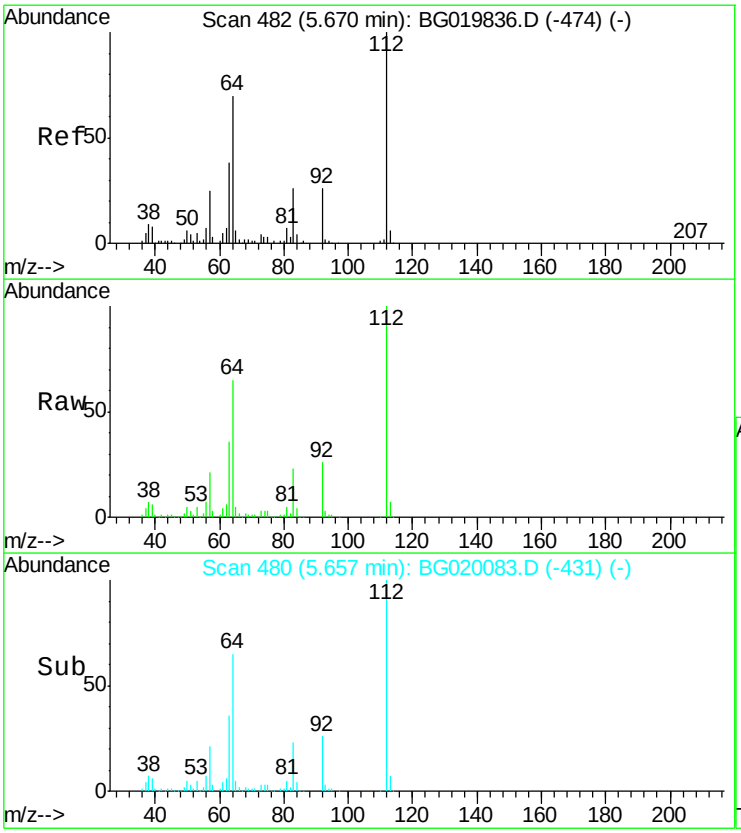
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Instrument :
BNA_G
ClientSampleId :
S20-15

Tgt Ion:152 Resp: 21239

Ion	Ratio	Lower	Upper
152	100		
150	157.3	115.0	172.4
115	59.0	43.9	65.9

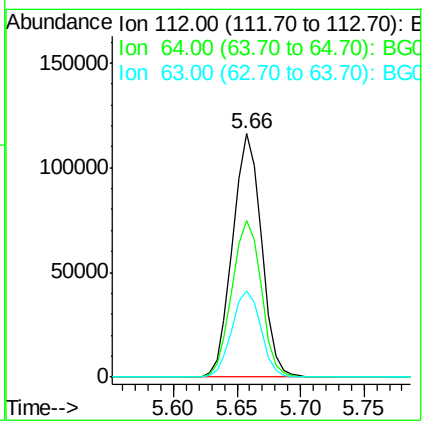


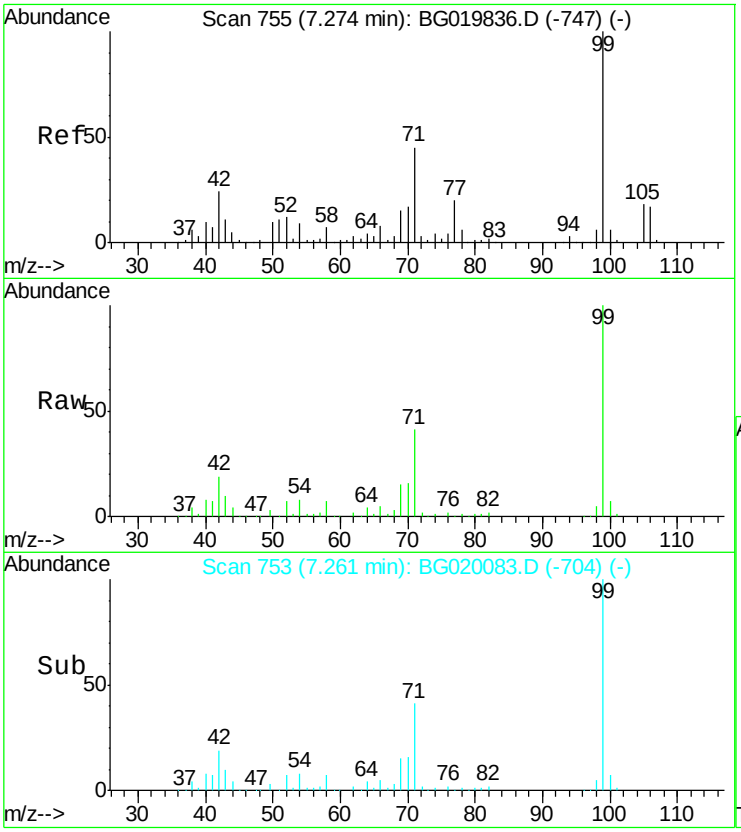


#5
2-Fluorophenol
Concen: 155.28 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Tgt Ion:112 Resp: 182476

Ion	Ratio	Lower	Upper
112	100		
64	64.5	43.7	65.5
63	35.5	24.0	36.0



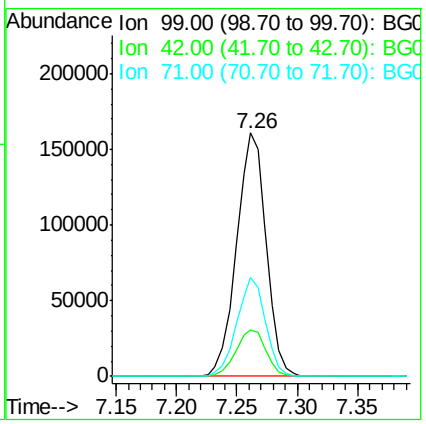


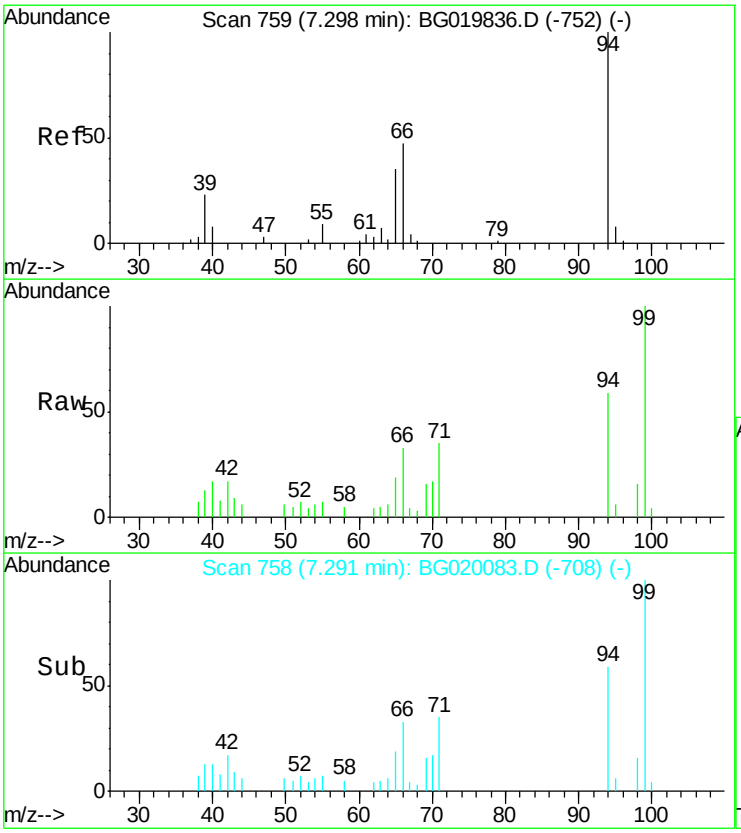
#7
Phenol-d6
Concen: 154.30 ng
RT: 7.26 min Scan# 753
Delta R.T. -0.01 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Instrument :
BNA_G
ClientSampleId :
S20-15

Tgt Ion: 99 Resp: 273767

Ion	Ratio	Lower	Upper
99	100		
42	19.0	11.5	17.3#
71	40.8	22.6	34.0#

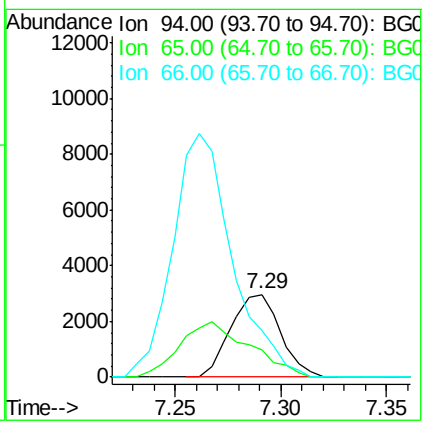


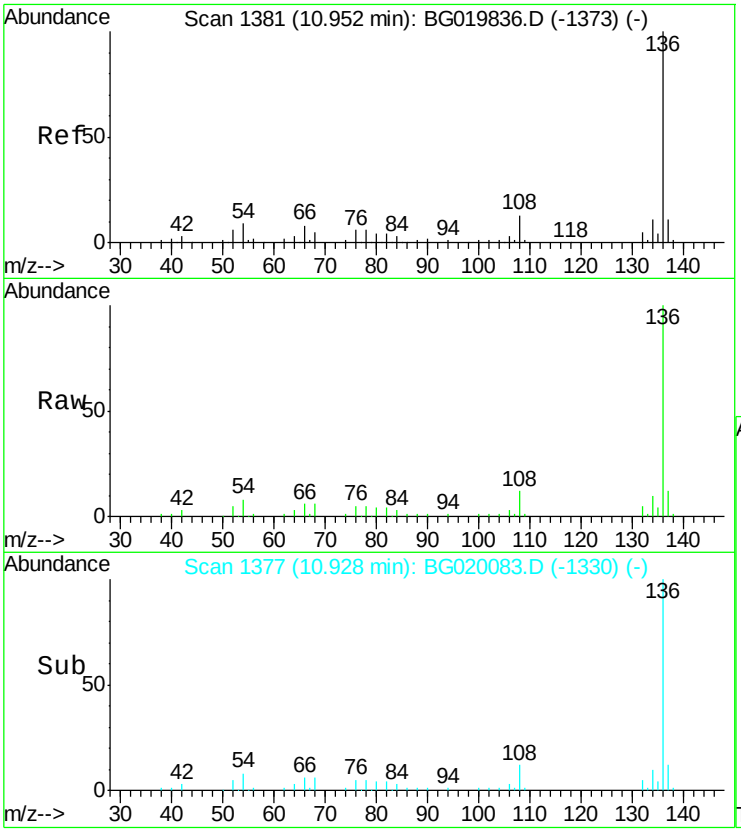


#10
Phenol
Concen: 2.57 ng
RT: 7.29 min Scan# 758
Delta R.T. -0.01 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Tgt Ion: 94 Resp: 4804

Ion	Ratio	Lower	Upper
94	100		
65	32.7	5.4	45.4
66	56.5	11.8	51.8#



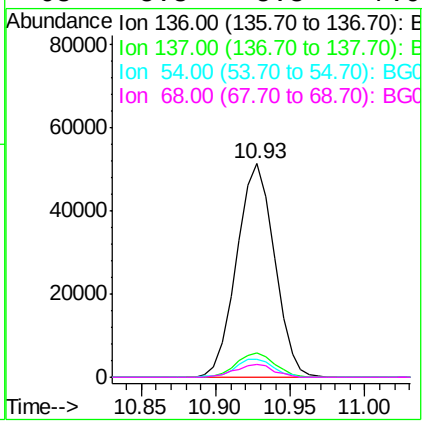


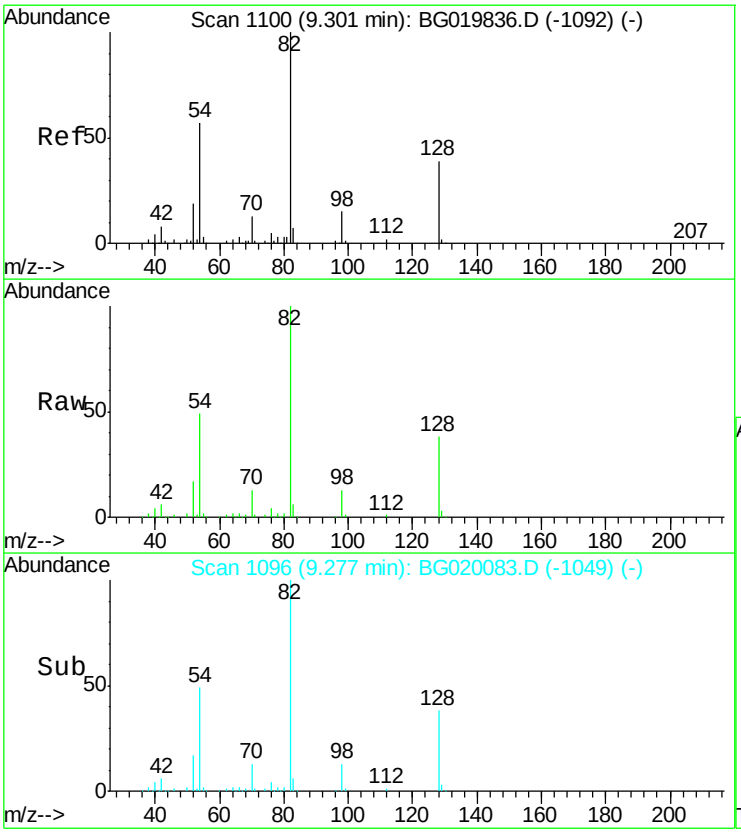
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Instrument :
BNA_G
ClientSampleId :
S20-15

Tgt Ion:136 Resp: 90194

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	8.2	5.4	8.2#
68	5.8	5.3	7.9

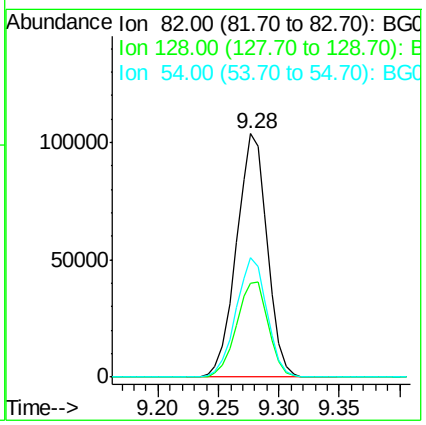


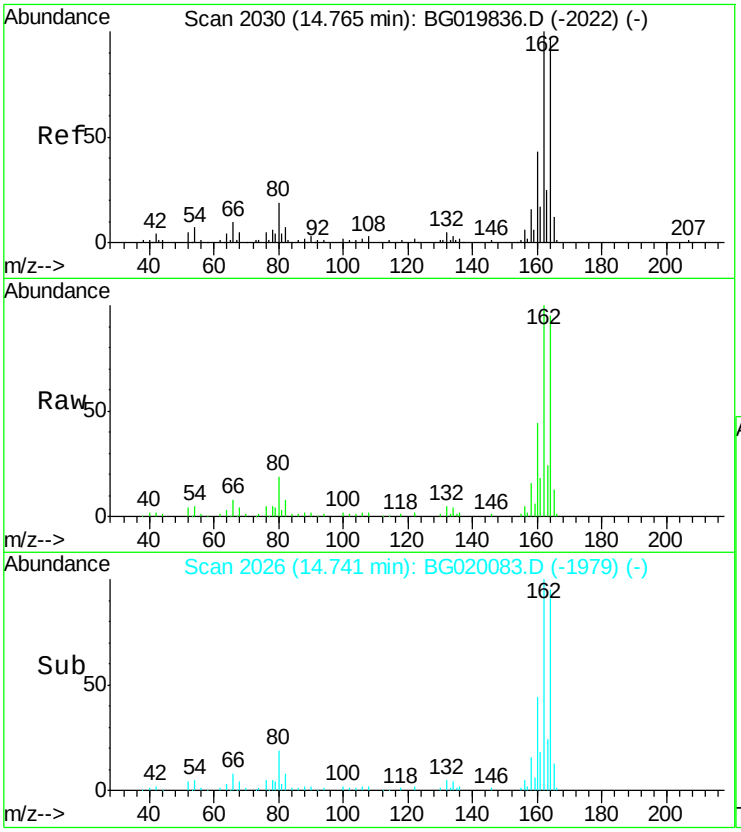


#23
Nitrobenzene-d5
Concen: 103.88 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Tgt Ion: 82 Resp: 183591

Ion	Ratio	Lower	Upper
82	100		
128	38.5	36.7	55.1
54	48.9	33.8	50.8



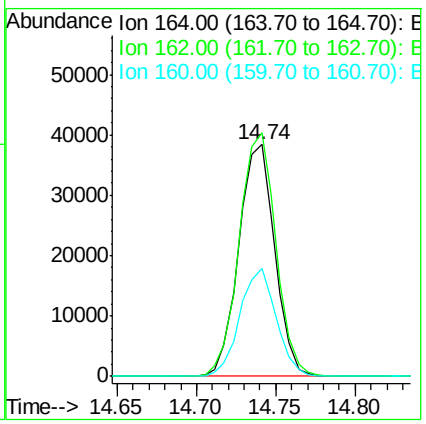


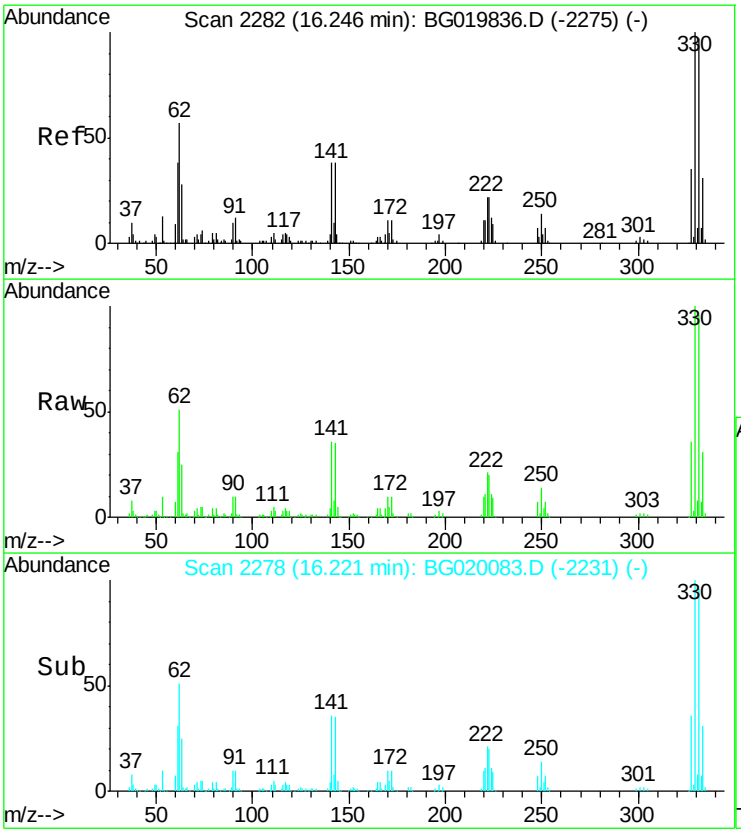
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Instrument :
BNA_G
ClientSampleId :
S20-15

Tgt Ion:164 Resp: 60432

Ion	Ratio	Lower	Upper
164	100		
162	105.0	78.8	118.2
160	46.6	36.4	54.6

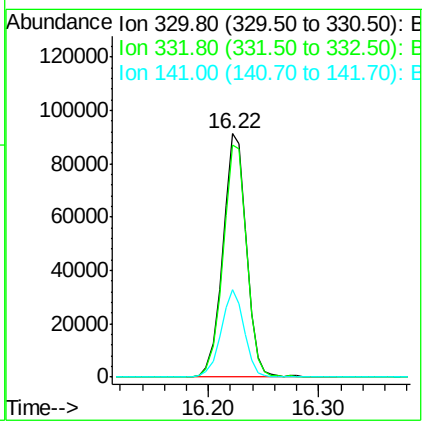


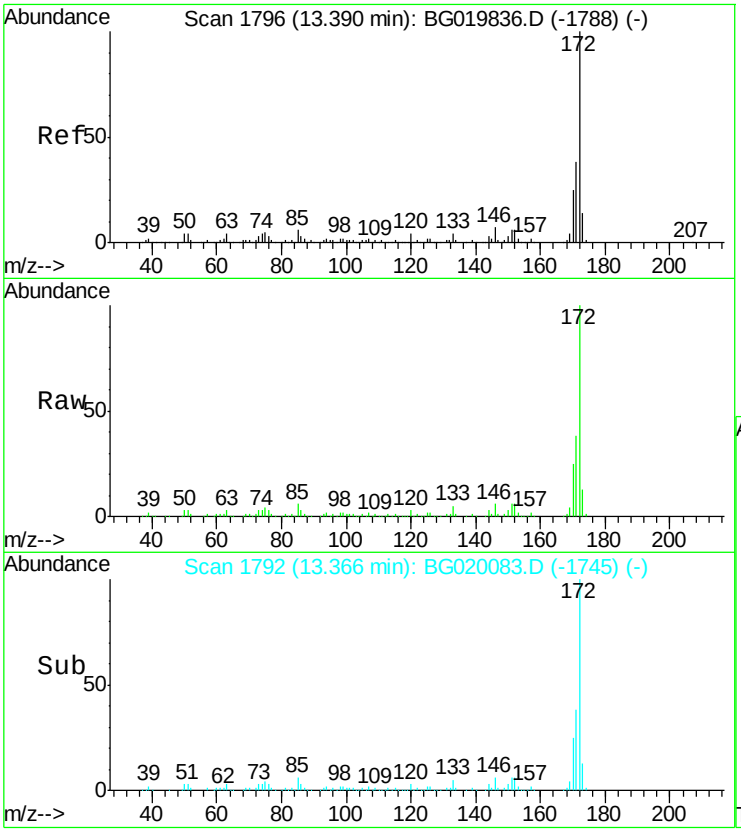


#41
2,4,6-Tribromophenol
Concen: 146.85 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Tgt Ion:330 Resp: 135786

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.1	117.1
141	35.1	28.2	42.2



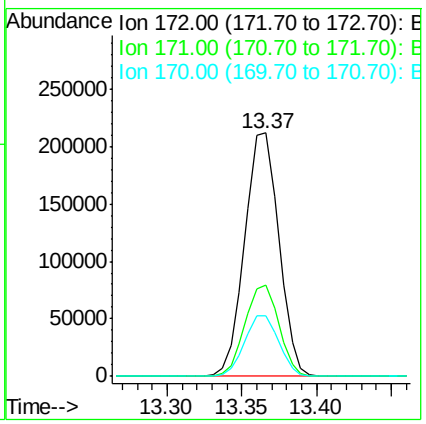


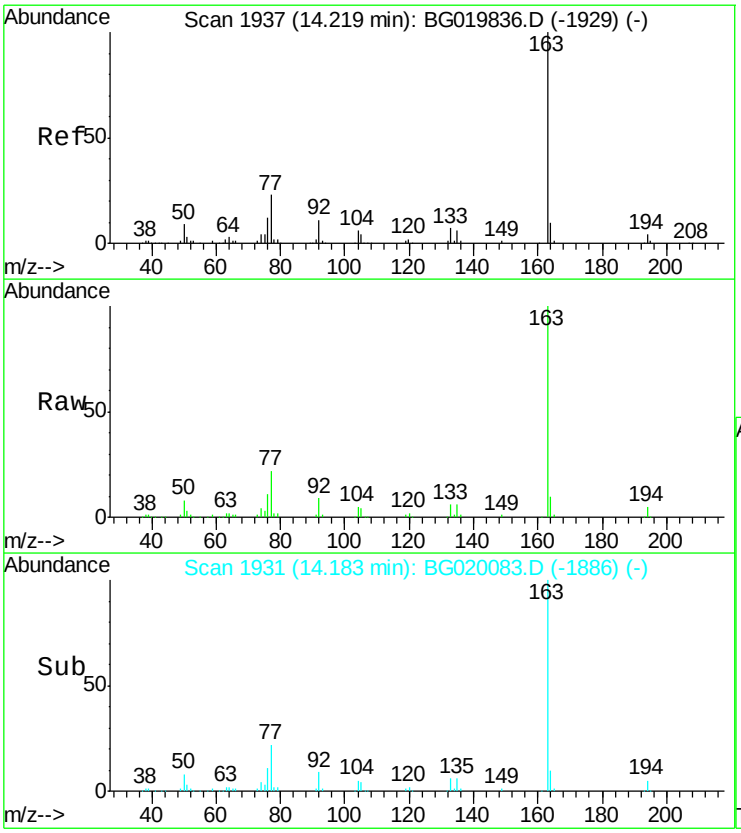
#44
2-Fluorobiphenyl
Concen: 75.66 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Instrument :
BNA_G
ClientSampleId :
S20-15

Tgt Ion:172 Resp: 334846

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.0	43.6
170	25.0	19.9	29.9

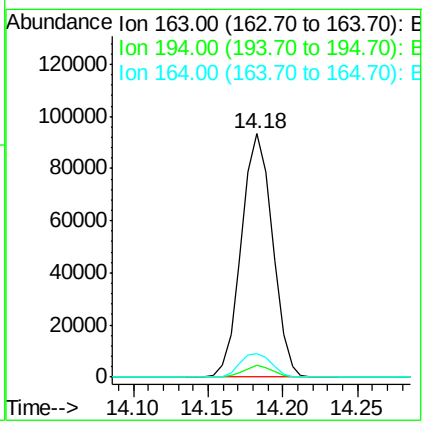


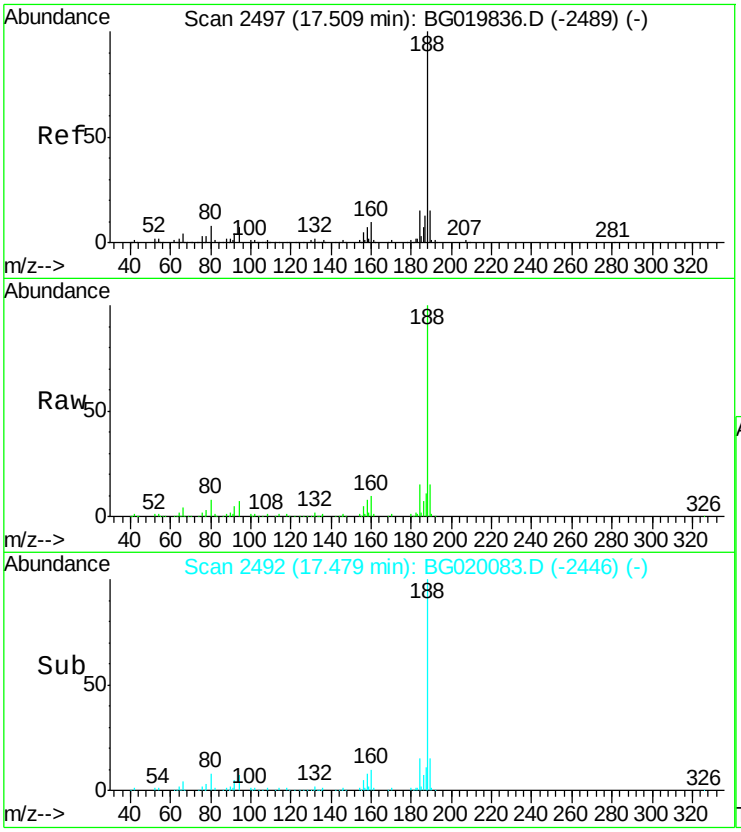


#49
Dimethylphthalate
Concen: 24.78 ng
RT: 14.18 min Scan# 1931
Delta R.T. -0.04 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Tgt Ion:163 Resp: 134701

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.1	4.7
164	9.8	8.8	13.2



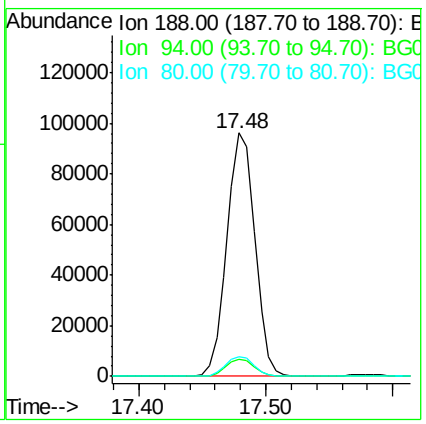


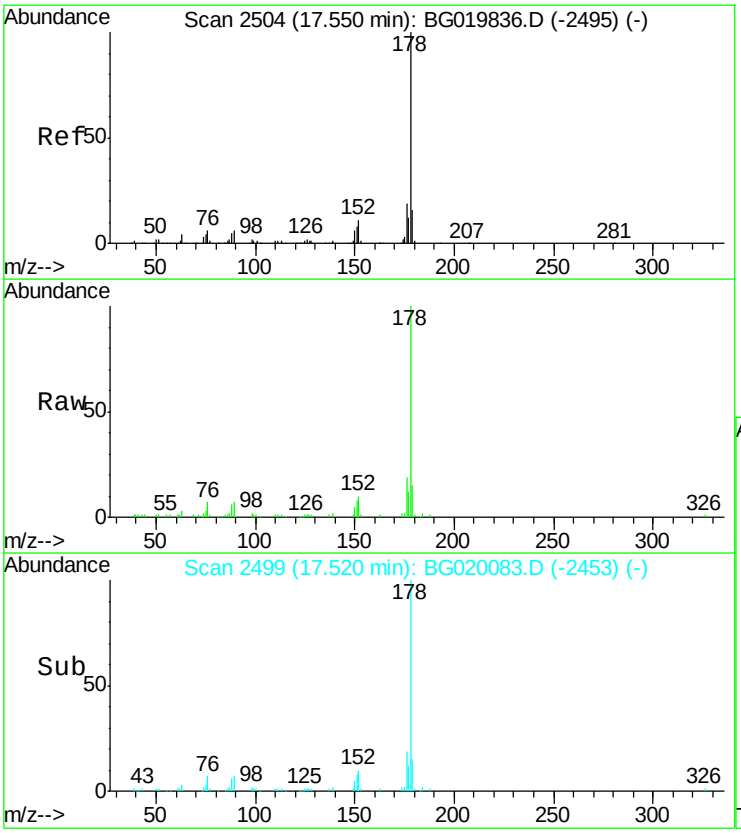
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Instrument :
BNA_G
ClientSampleId :
S20-15

Tgt Ion:188 Resp: 146331

Ion	Ratio	Lower	Upper
188	100		
94	6.8	7.7	11.5#
80	7.9	7.8	11.8

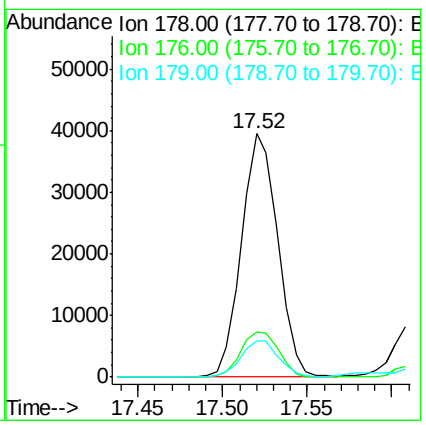


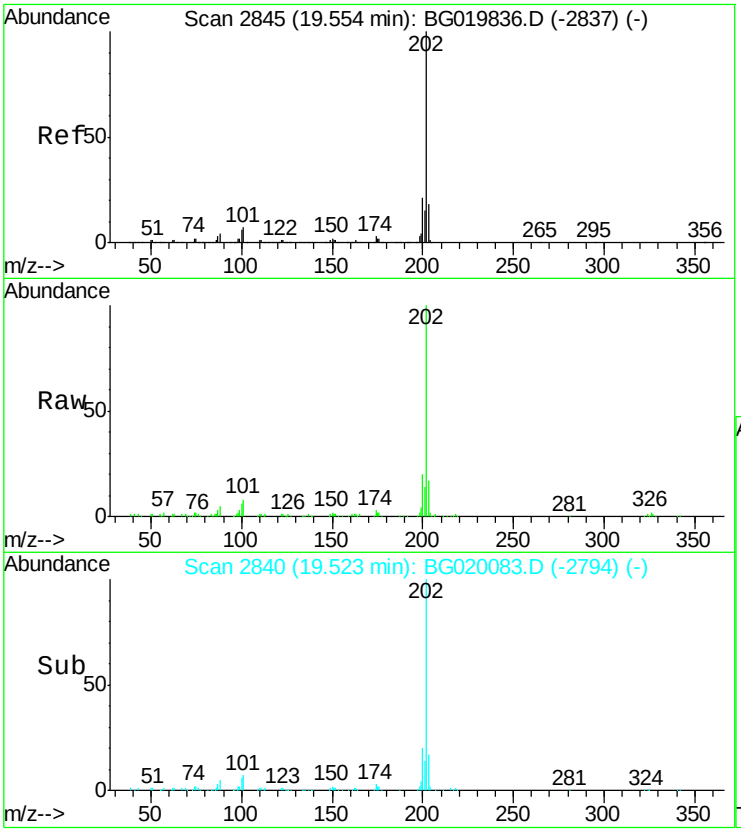


#70
Phenanthrene
Concen: 7.12 ng
RT: 17.52 min Scan# 2499
Delta R.T. -0.03 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Tgt Ion:178 Resp: 58982

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.7	25.1
179	14.9	13.9	20.9



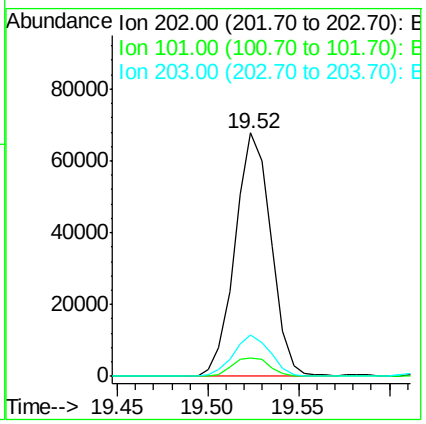


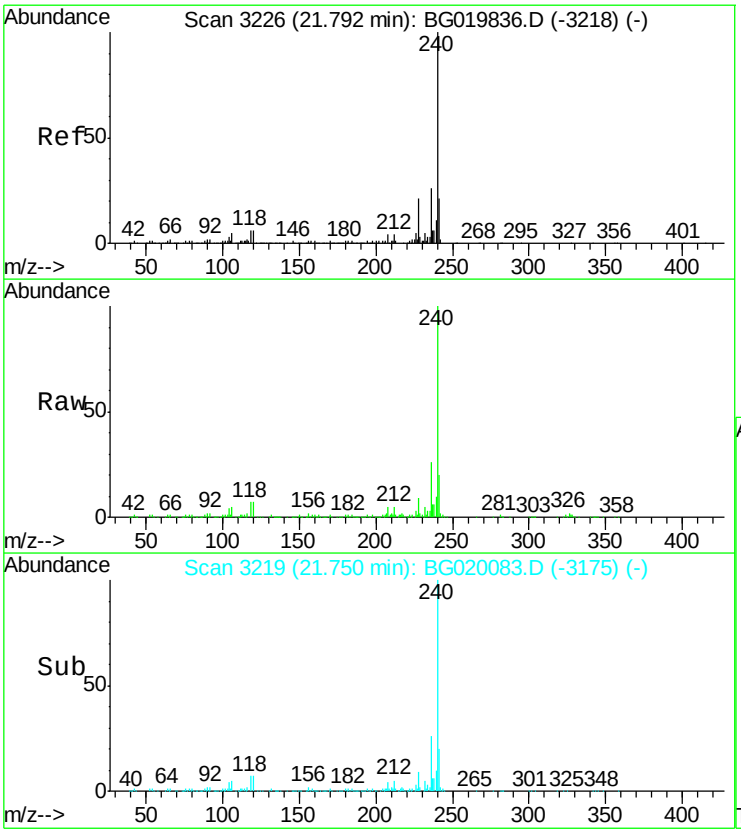
#74
Fluoranthene
Concen: 8.85 ng
RT: 19.52 min Scan# 2840
Delta R.T. -0.03 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Instrument :
BNA_G
ClientSampleId :
S20-15

Tgt Ion:202 Resp: 93757

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	32.4
203	16.9	0.0	39.5

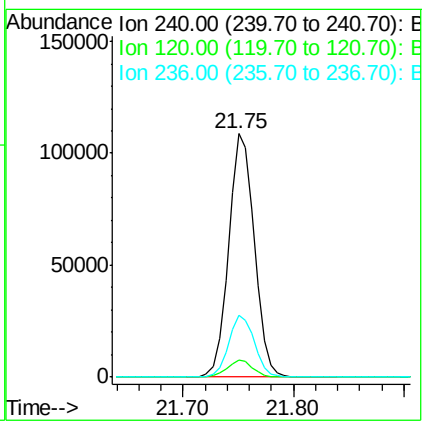


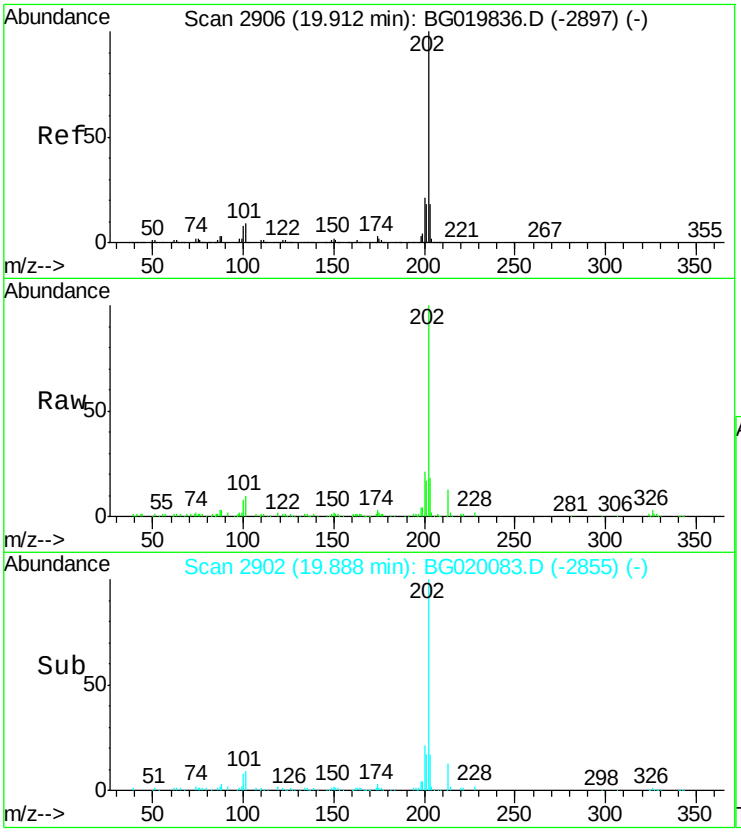


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Tgt Ion:240 Resp: 177027

Ion	Ratio	Lower	Upper
240	100		
120	7.1	7.4	11.0#
236	25.5	20.7	31.1



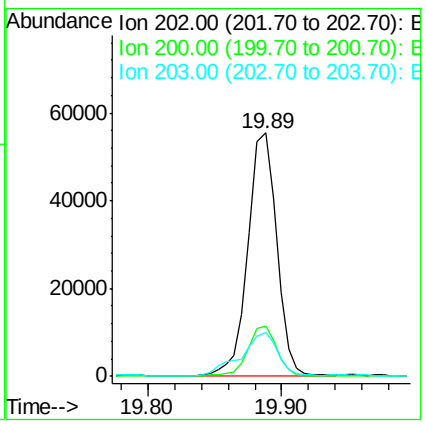


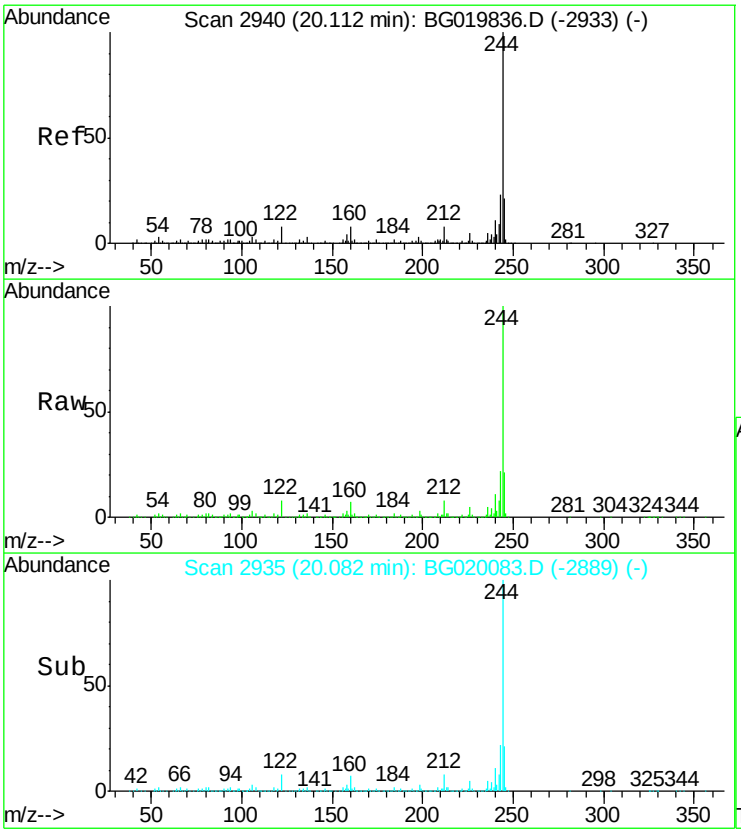
#77
Pyrene
Concen: 7.97 ng
RT: 19.89 min Scan# 2902
Delta R.T. -0.02 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Instrument :
BNA_G
ClientSampleId :
S20-15

Tgt Ion:202 Resp: 82956

Ion	Ratio	Lower	Upper
202	100		
200	20.7	19.4	29.0
203	18.3	15.5	23.3

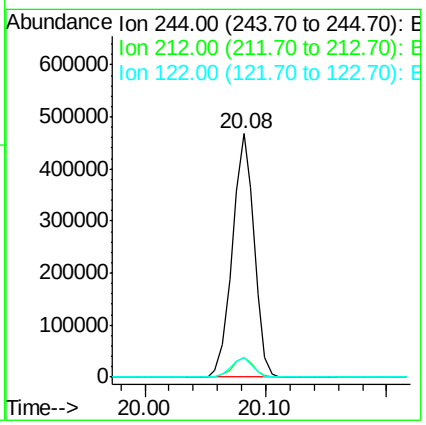


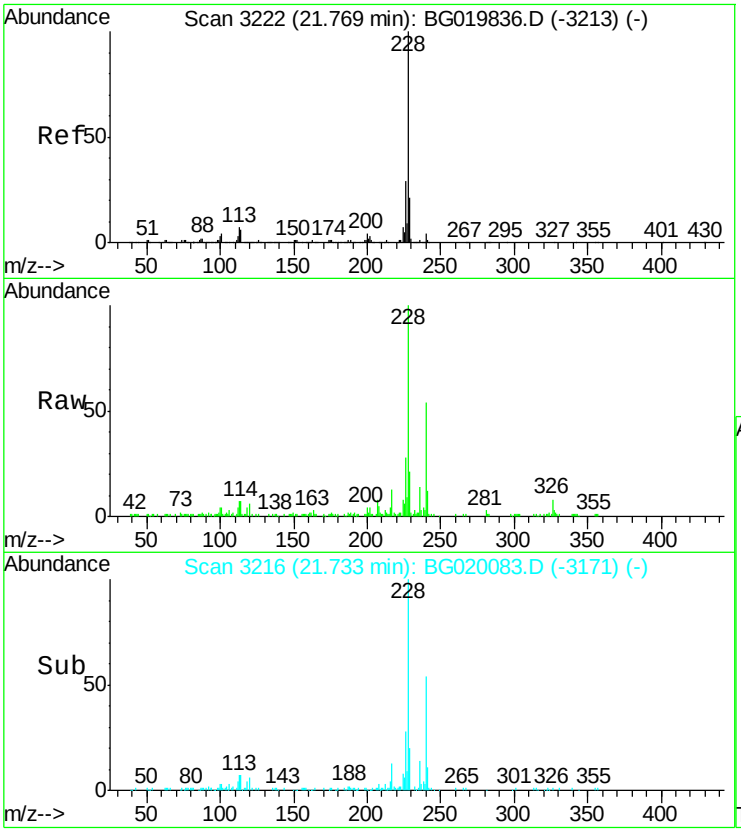


#78
Terphenyl-d14
Concen: 80.95 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.03 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Tgt Ion:244 Resp: 587501

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	8.1	10.2	15.2#



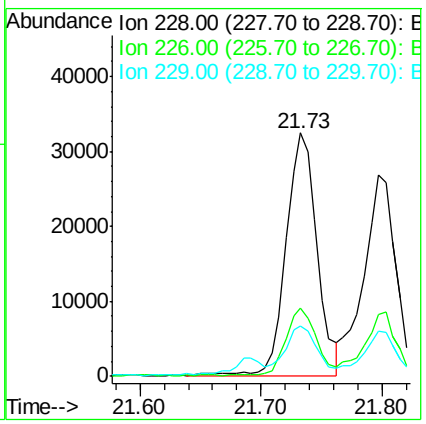


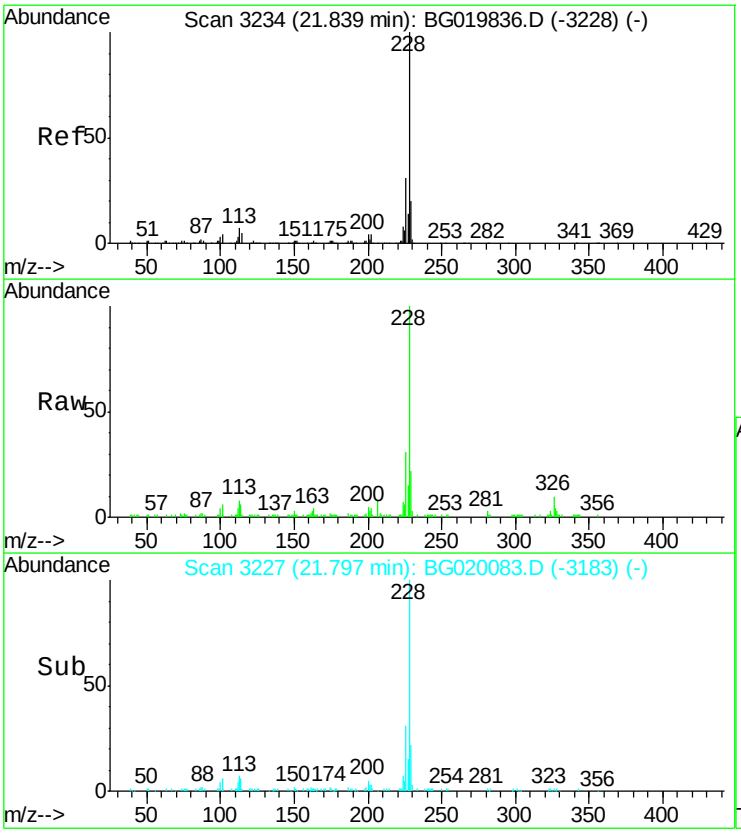
#80
Benzo(a)anthracene
Concen: 5.37 ng
RT: 21.73 min Scan# 3216
Delta R.T. -0.04 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Instrument :
BNA_G
ClientSampleId :
S20-15

Tgt Ion:228 Resp: 58138

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.0
229	20.7	16.6	25.0

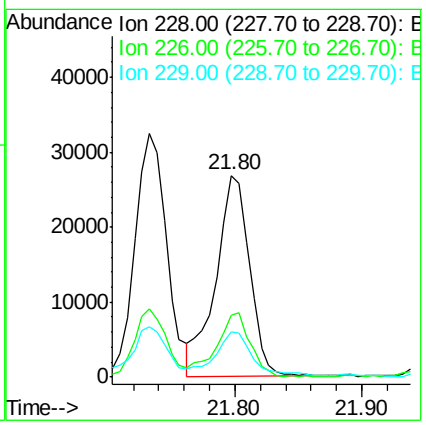


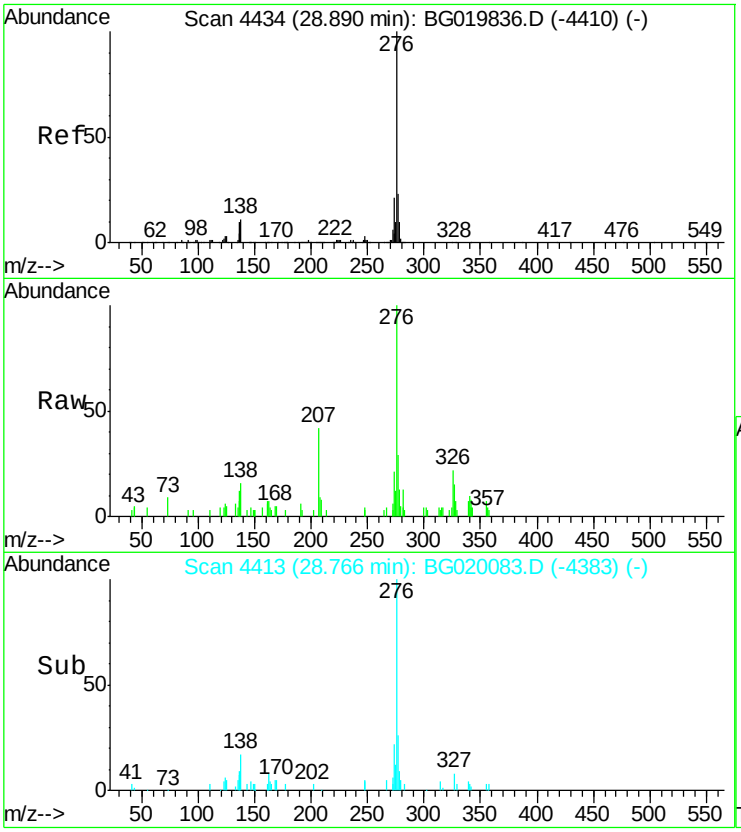


#82
Chrysene
Concen: 4.83 ng
RT: 21.80 min Scan# 3227
Delta R.T. -0.04 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Tgt Ion:228 Resp: 49719

Ion	Ratio	Lower	Upper
228	100		
226	30.9	26.7	40.1
229	22.2	17.0	25.6



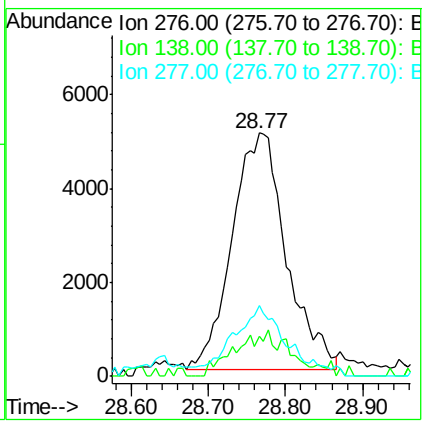


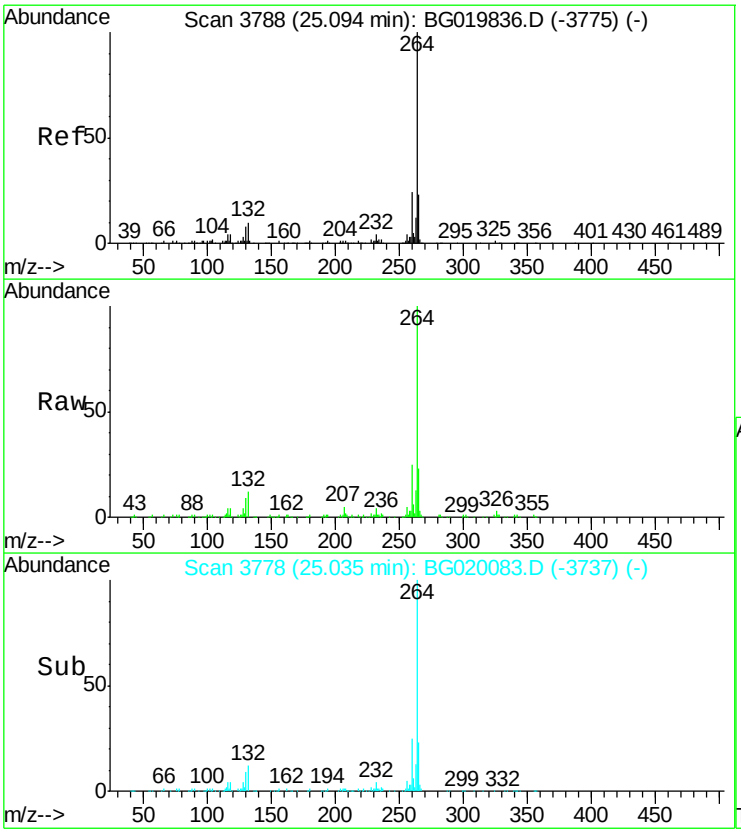
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.18 ng
RT: 28.77 min Scan# 4413
Delta R.T. -0.12 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Instrument :
BNA_G
ClientSampleId :
S20-15

Tgt Ion:276 Resp: 24661

Ion	Ratio	Lower	Upper
276	100		
138	8.2	0.0	0.0#
277	29.6	0.0	0.0#

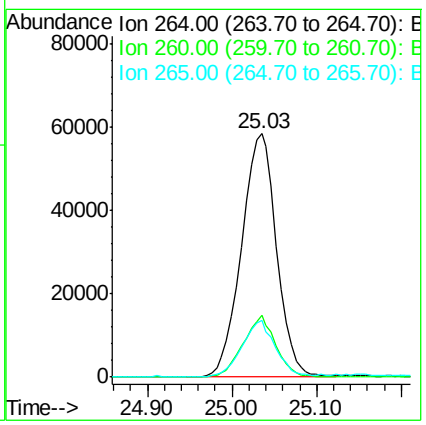


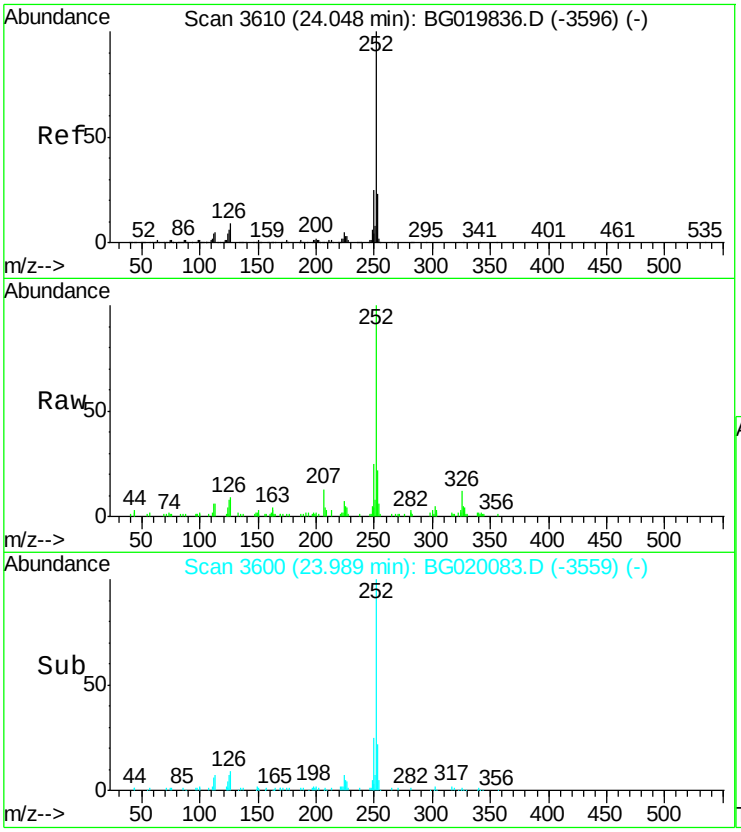


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3778
Delta R.T. -0.06 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Tgt Ion:264 Resp: 168313

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.5	27.7
265	23.1	17.2	25.8



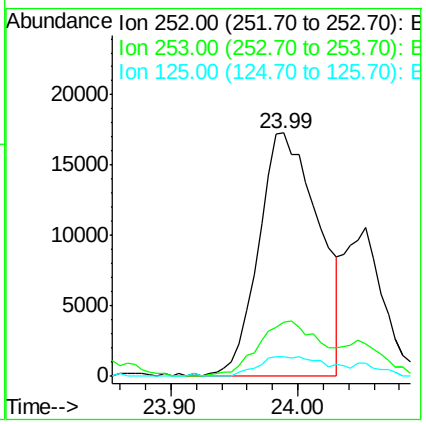


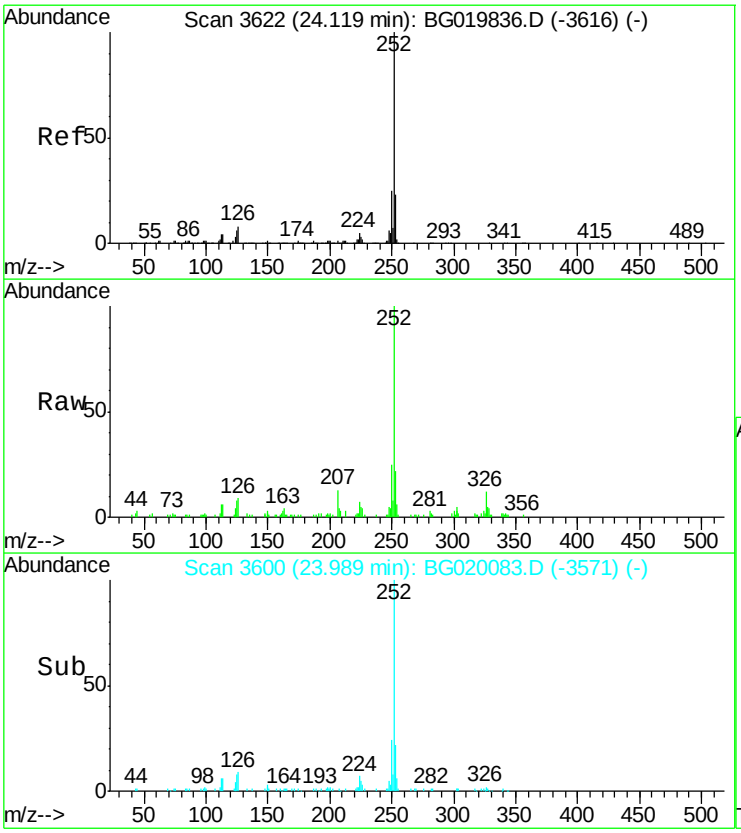
#87
Benzo(b)fluoranthene
Concen: 5.35 ng
RT: 23.99 min Scan# 3600
Delta R.T. -0.06 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Instrument :
BNA_G
ClientSampleId :
S20-15

Tgt Ion:252 Resp: 57094

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.1	28.7
125	8.2	8.9	13.3#

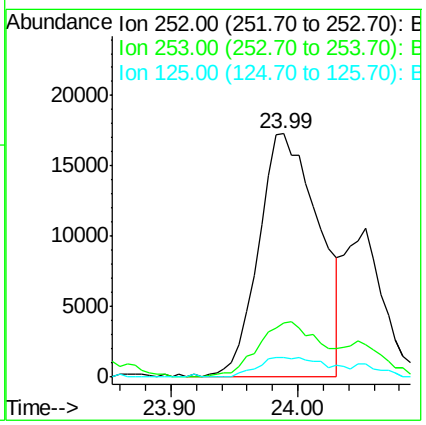


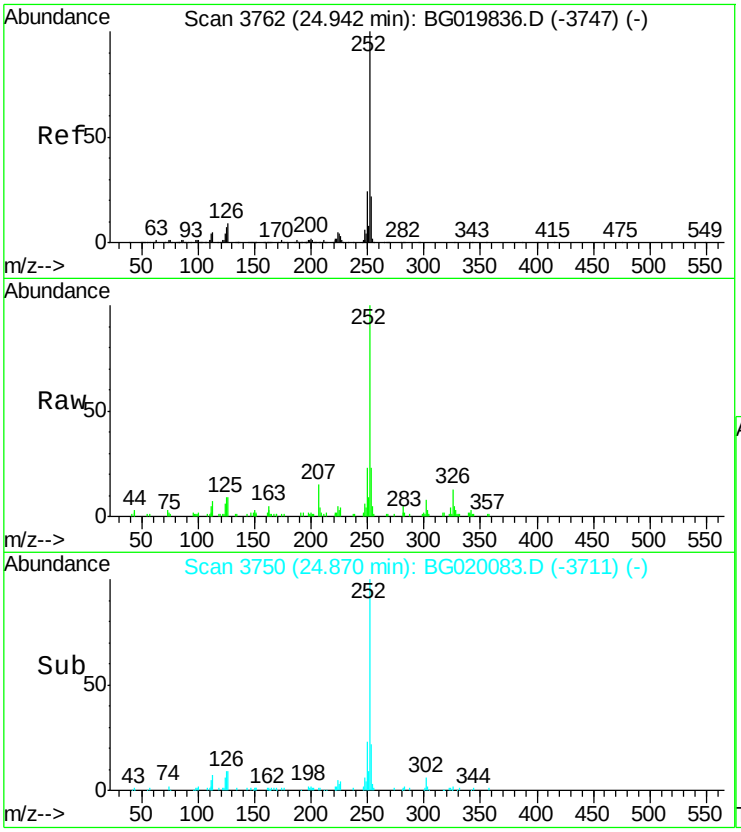


#88
Benzo(k)fluoranthene
Concen: 5.40 ng
RT: 23.99 min Scan# 3600
Delta R.T. -0.13 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Tgt Ion:252 Resp: 57094

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.0	28.4
125	8.2	8.9	13.3#



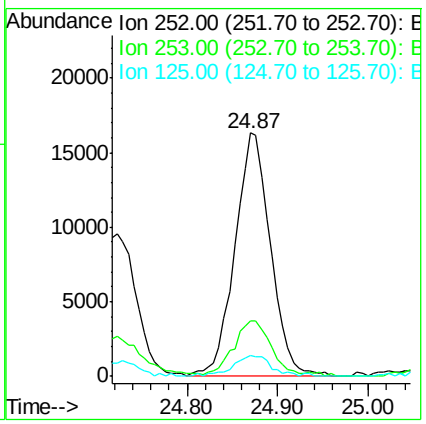


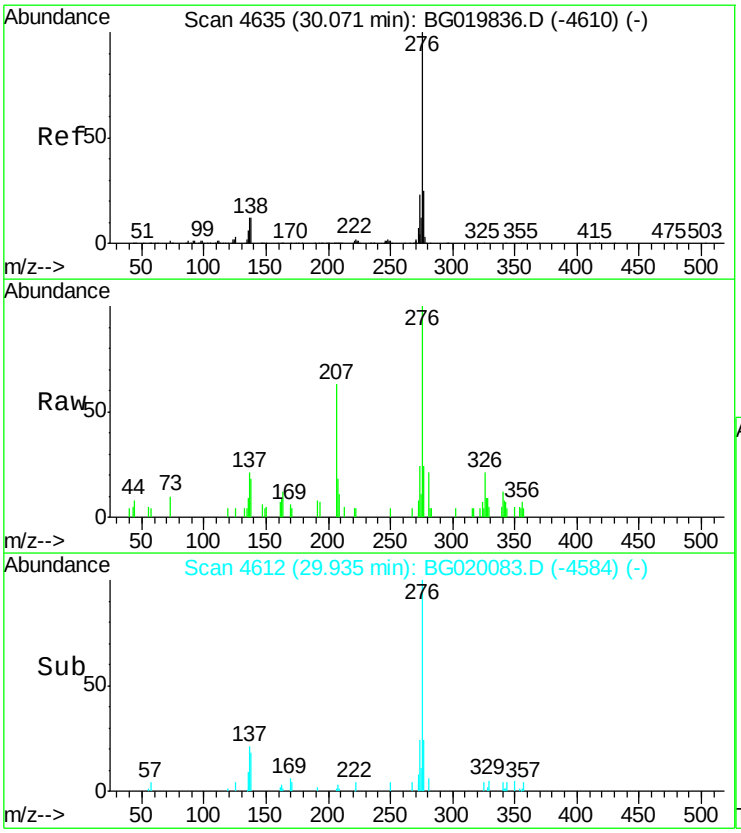
#89
Benzo(a)pyrene
Concen: 4.39 ng
RT: 24.87 min Scan# 3750
Delta R.T. -0.07 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Instrument :
BNA_G
ClientSampleId :
S20-15

Tgt Ion:252 Resp: 44459

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.7	28.1
125	8.8	9.1	13.7#





#91
Benzo(g,h,i)perylene
Concen: 2.18 ng
RT: 29.93 min Scan# 4612
Delta R.T. -0.14 min
Lab File: BG020083.D
Acq: 10 Dec 2015 19:54

Tgt Ion:276 Resp: 21449

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	17.6	17.4	26.0