Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042815\
Data File : BG016767.D
Acq On : 28 Apr 2015 16:40
Operator : TP/IZ
Sample : G2024-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-05-0-2.0

Quant Time: Apr 29 01:13:12 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 00:55:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	65267	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	285824	20.00	ng		0.00
38) Acenaphthene-d10	14.22	164	161368	20.00	ng		0.00
63) Phenanthrene-d10	16.97	188	302087	20.00	ng		0.00
75) Chrysene-d12	21.16	240	256542	20.00	ng		0.00
86) Perylene-d12	23.36	264	245404	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	73265	18.22	ng		0.00
7) Phenol-d6	6.77	99	100583	17.83	ng		0.00
23) Nitrobenzene-d5	8.72	82	49294	10.90	ng		0.00
41) 2,4,6-Tribromophenol	15.72	330	18626	15.56	ng		0.00
44) 2-Fluorobiphenyl	12.84	172	125819	12.53	ng		0.00
78) Terphenyl-d14	19.60	244	128443	11.53	ng		-0.01
Target Compounds							Qvalue
70) Phenanthrene	17.01	178	56898	3.28	ng		99
74) Fluoranthene	19.03	202	124768	6.78	ng		96
77) Pyrene	19.39	202	142151	7.89	ng		97
80) Benzo(a)anthracene	21.15	228	62435	4.01	ng		99
82) Chrysene	21.20	228	55799	3.74	ng		98
85) Indeno(1,2,3-cd)pyrene	25.58	276	33066	2.03	ng		95
87) Benzo(b)fluoranthene	22.70	252	93436	6.27	ng	#	53
88) Benzo(k)fluoranthene	22.70	252	93436	6.42	ng	#	52
89) Benzo(a)pyrene	23.26	252	52157	3.71	ng	#	40
91) Benzo(g,h,i)perylene	26.27	276	36986	2.66	ng	#	87

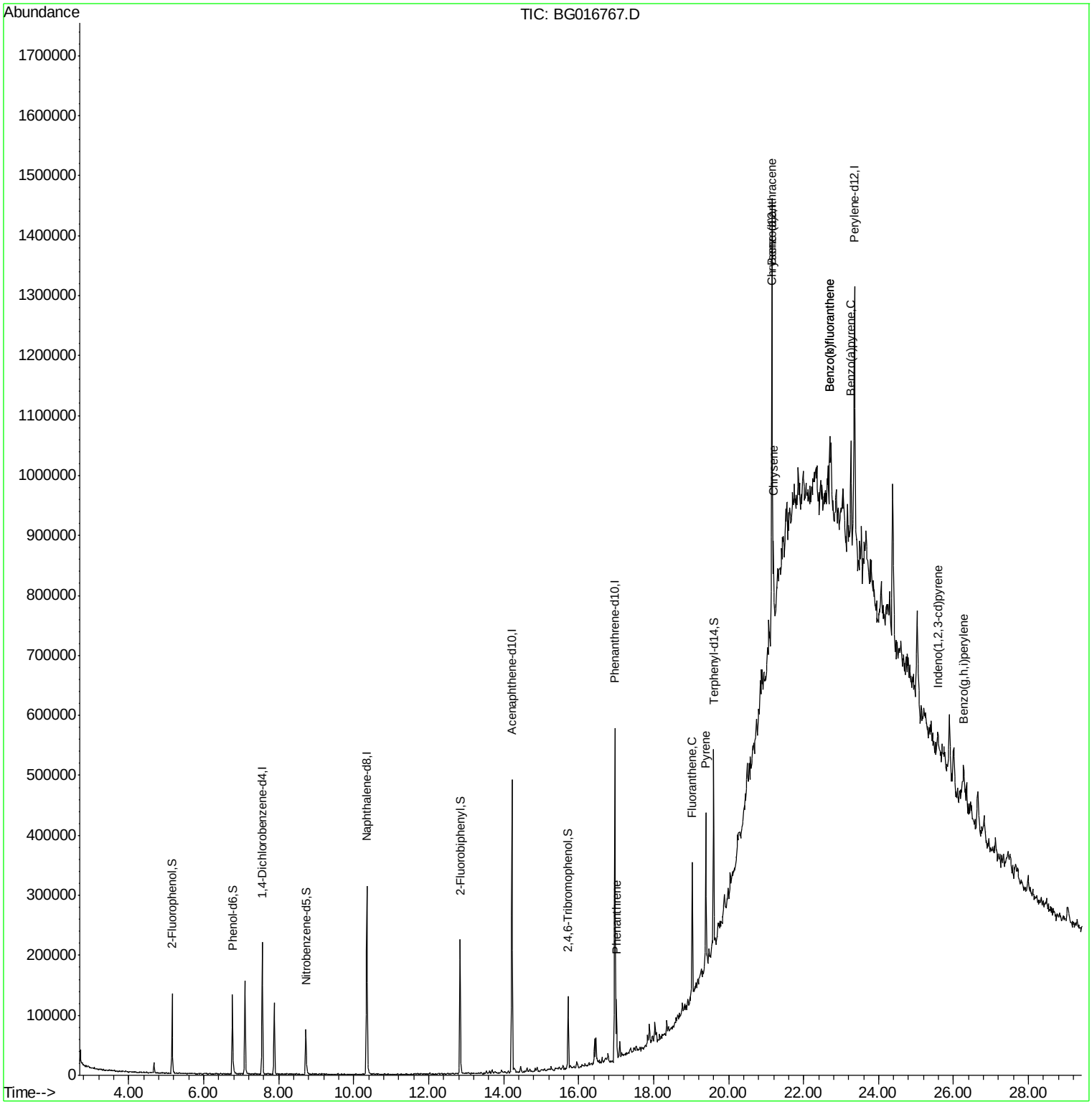
(#) = qualifier out of range (m) = manual integration (+) = signals summed

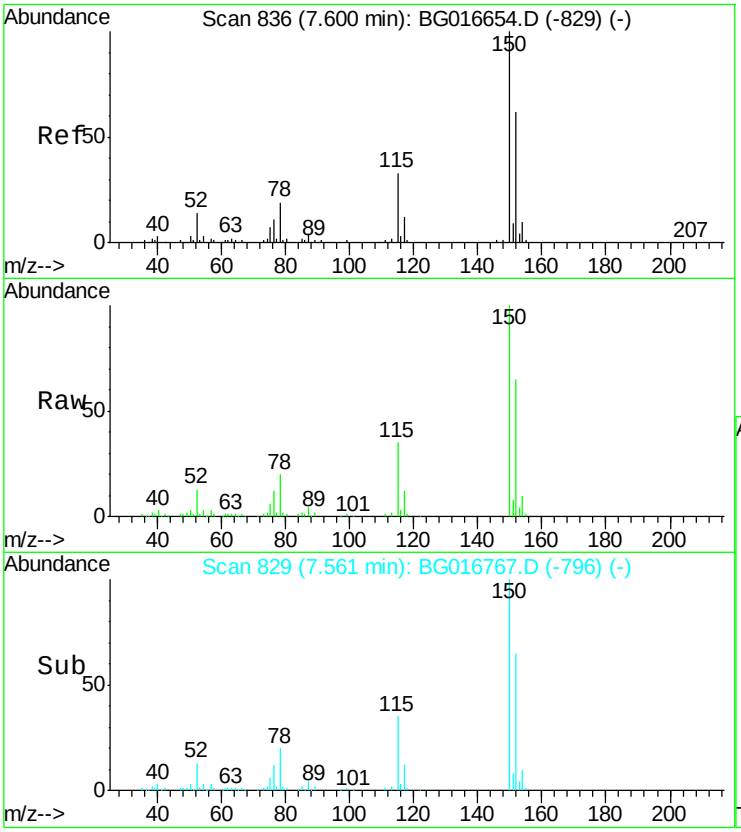
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042815\
Data File : BG016767.D
Acq On : 28 Apr 2015 16:40
Operator : TP/IZ
Sample : G2024-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-05-0-2.0

Quant Time: Apr 29 01:13:12 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 00:55:31 2015
Response via : Initial Calibration



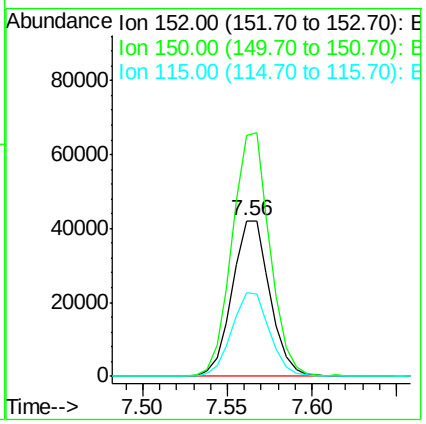


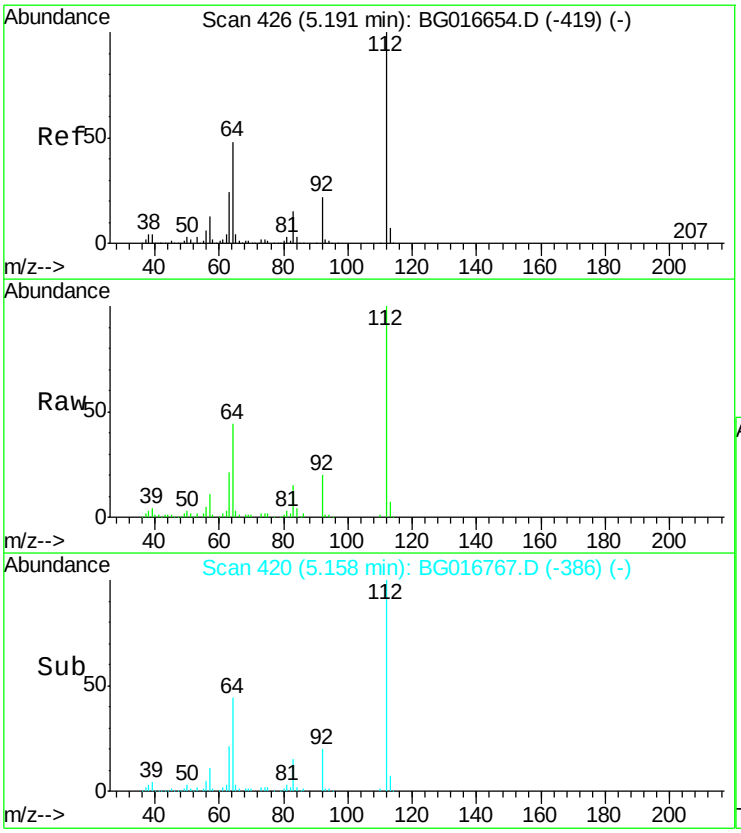
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Instrument :
BNA_G
ClientSampleId :
SB-05-0-2.0

Tgt Ion:152 Resp: 65267

Ion	Ratio	Lower	Upper
152	100		
150	154.5	129.6	194.4
115	54.0	43.0	64.6

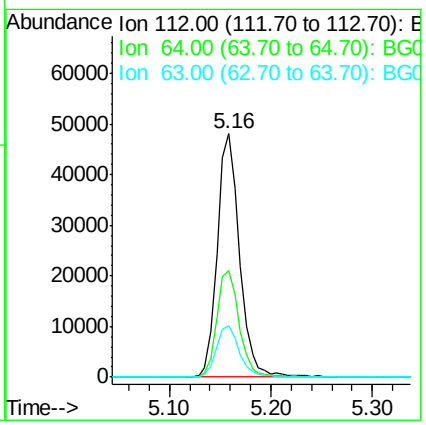


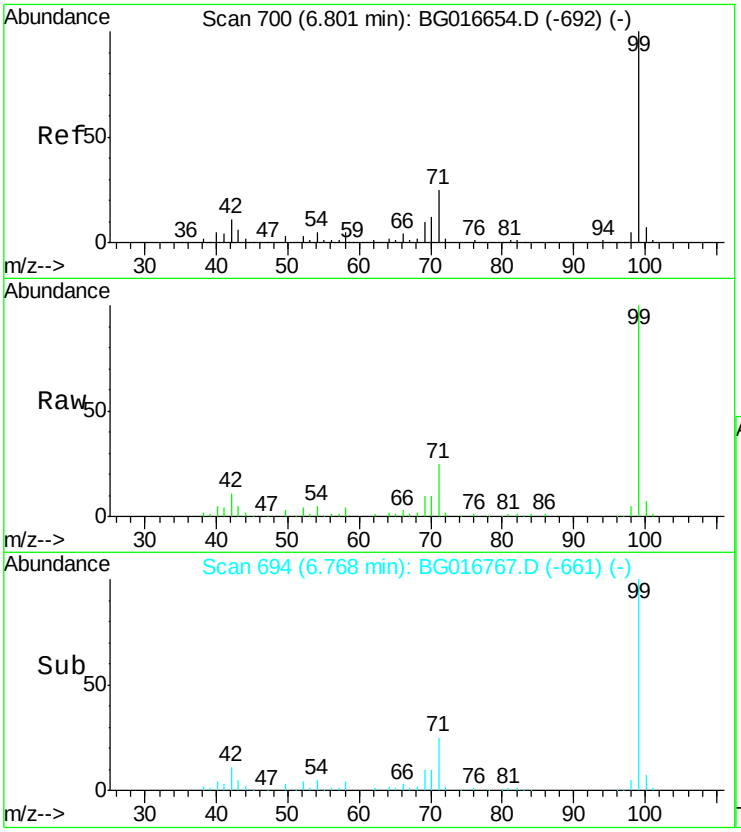


#5
2-Fluorophenol
Concen: 18.22 ng
RT: 5.16 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Tgt Ion:112 Resp: 73265

Ion	Ratio	Lower	Upper
112	100		
64	43.7	38.3	57.5
63	21.0	18.9	28.3



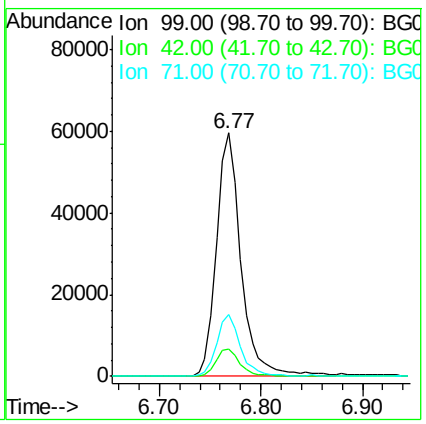


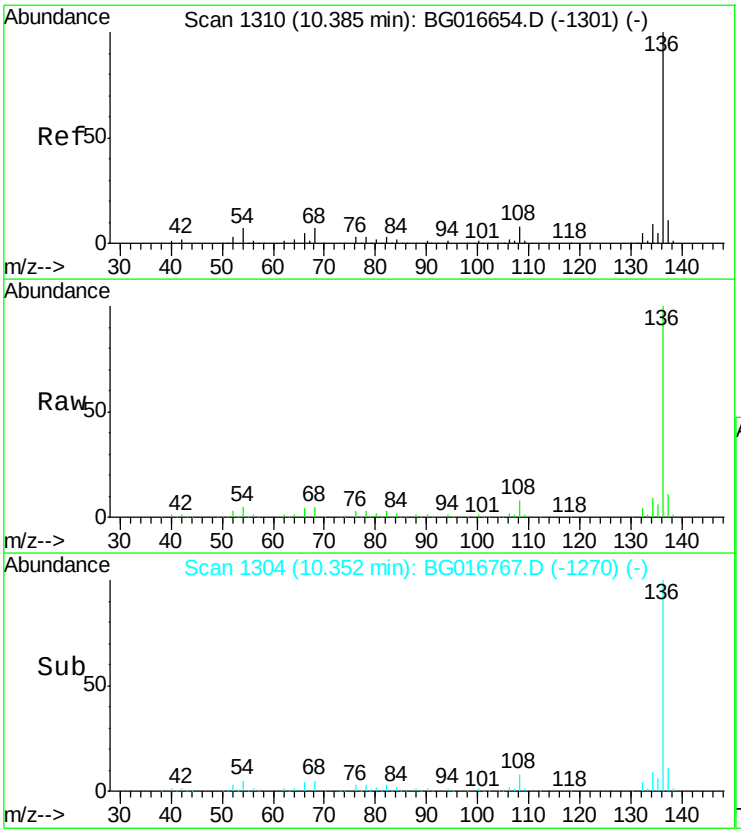
#7
Phenol-d6
Concen: 17.83 ng
RT: 6.77 min Scan# 694
Delta R.T. -0.00 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Instrument :
BNA_G
ClientSampleId :
SB-05-0-2.0

Tgt Ion: 99 Resp: 100583

Ion	Ratio	Lower	Upper
99	100		
42	11.0	8.8	13.2
71	25.4	19.9	29.9

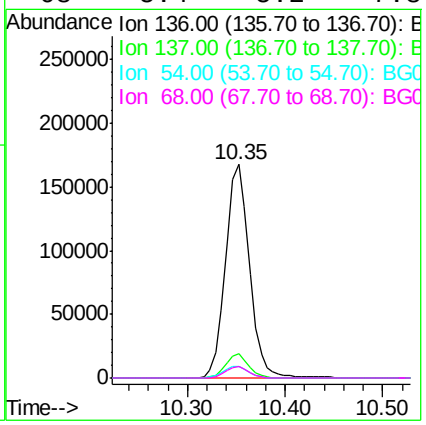


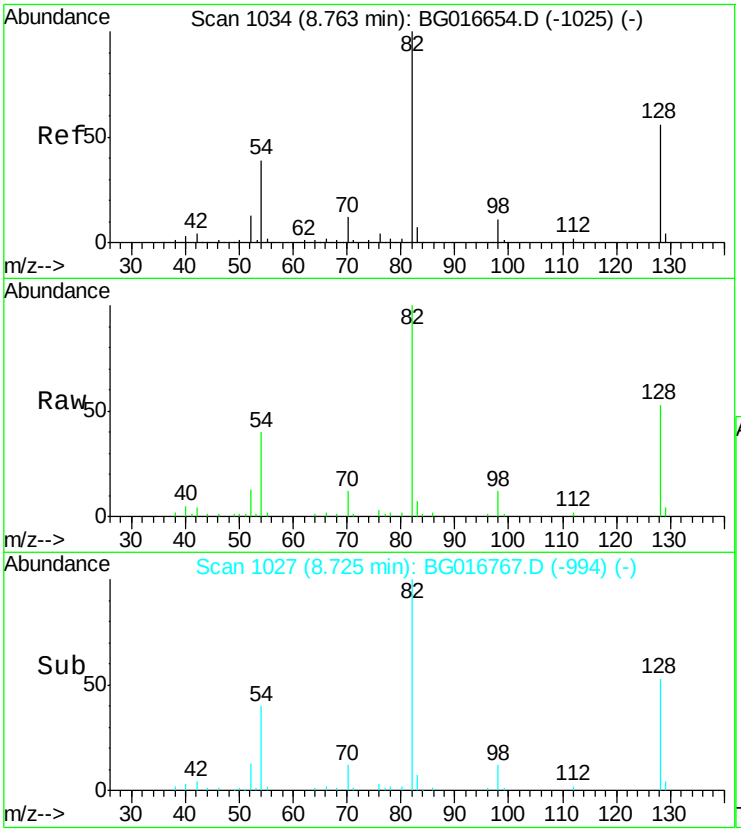


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Tgt Ion:136 Resp: 285824

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	5.3	5.4	8.2#
68	5.4	5.2	7.8



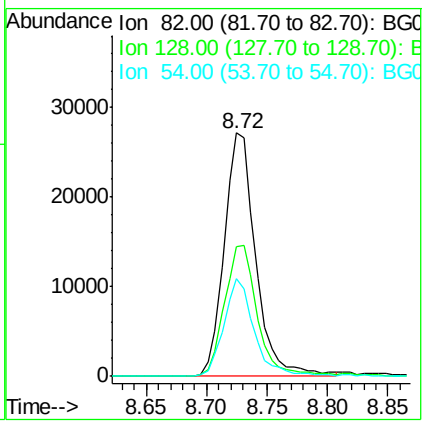


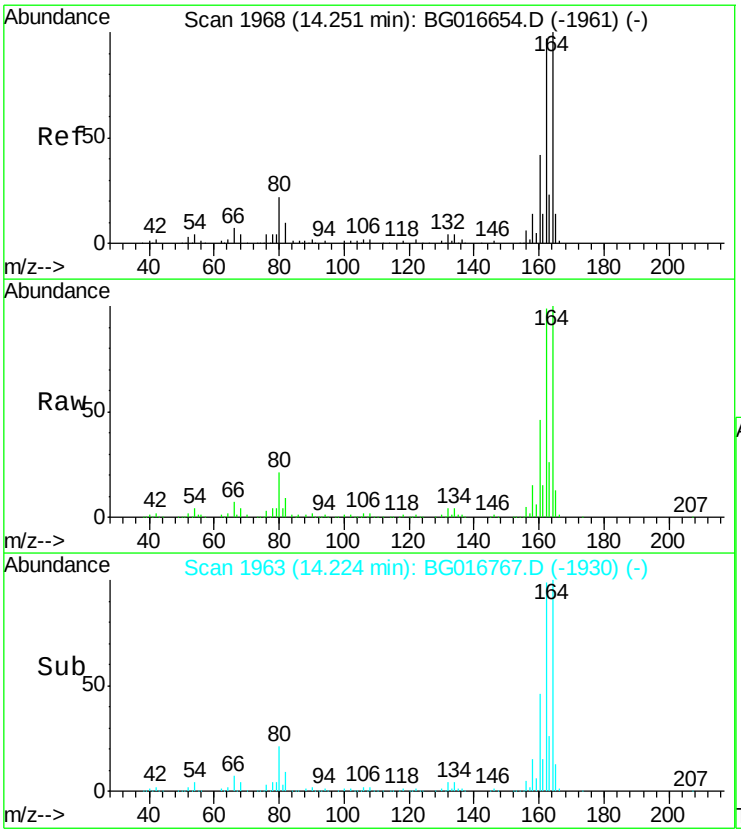
#23
Nitrobenzene-d5
Concen: 10.90 ng
RT: 8.72 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Instrument :
BNA_G
ClientSampleId :
SB-05-0-2.0

Tgt Ion: 82 Resp: 49294

Ion	Ratio	Lower	Upper
82	100		
128	53.4	44.7	67.1
54	39.9	30.9	46.3

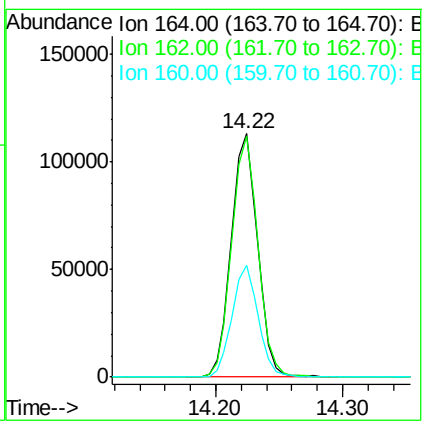


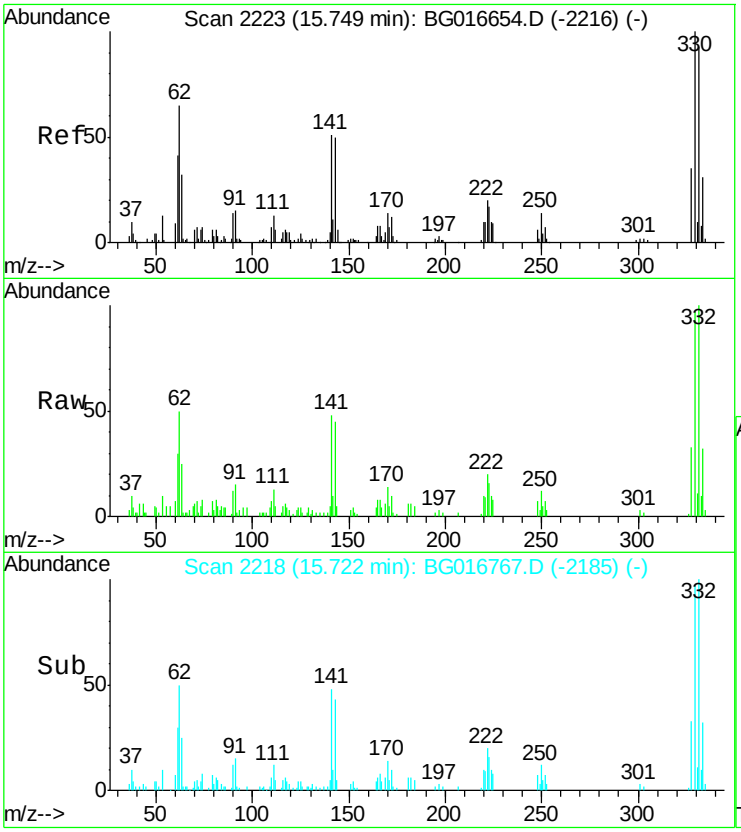


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.22 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Tgt Ion:164 Resp: 161368

Ion	Ratio	Lower	Upper
164	100		
162	98.8	77.3	115.9
160	45.7	33.7	50.5



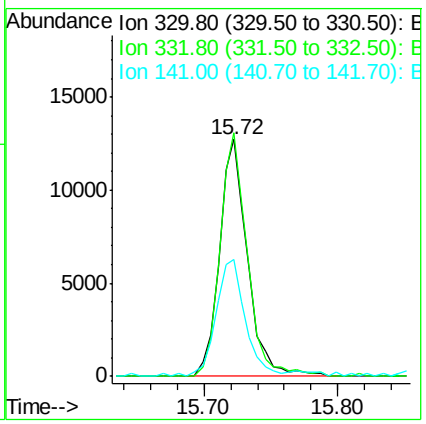


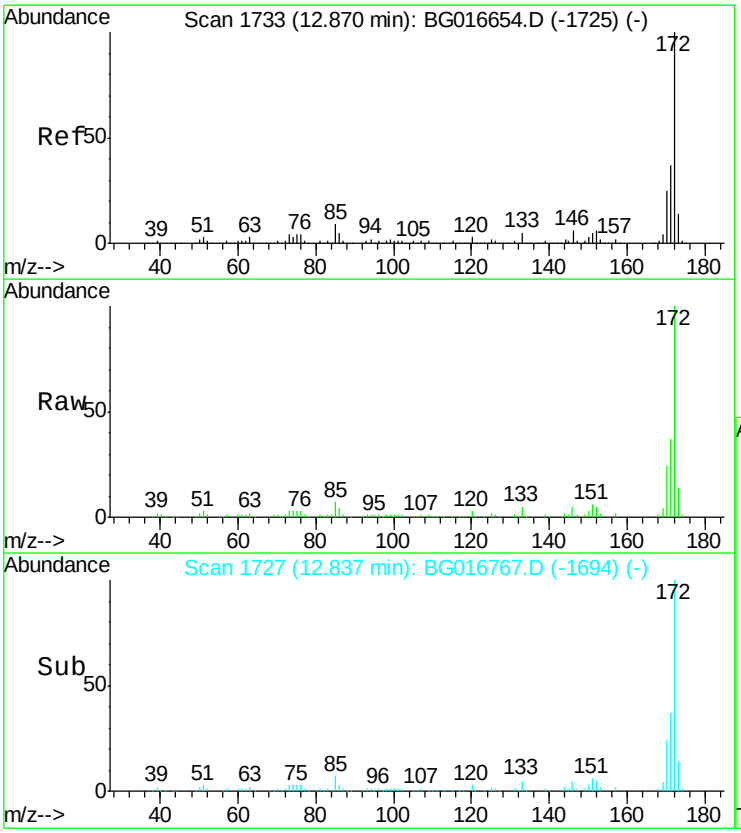
#41
2,4,6-Tribromophenol
Concen: 15.56 ng
RT: 15.72 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Instrument :
BNA_G
ClientSampleId :
SB-05-0-2.0

Tgt Ion:330 Resp: 18626

Ion	Ratio	Lower	Upper
330	100		
332	100.9	76.2	114.4
141	51.6	43.0	64.6

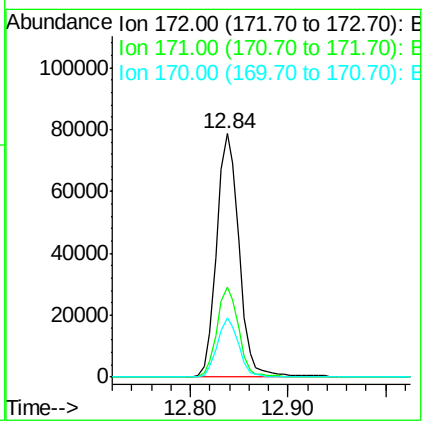


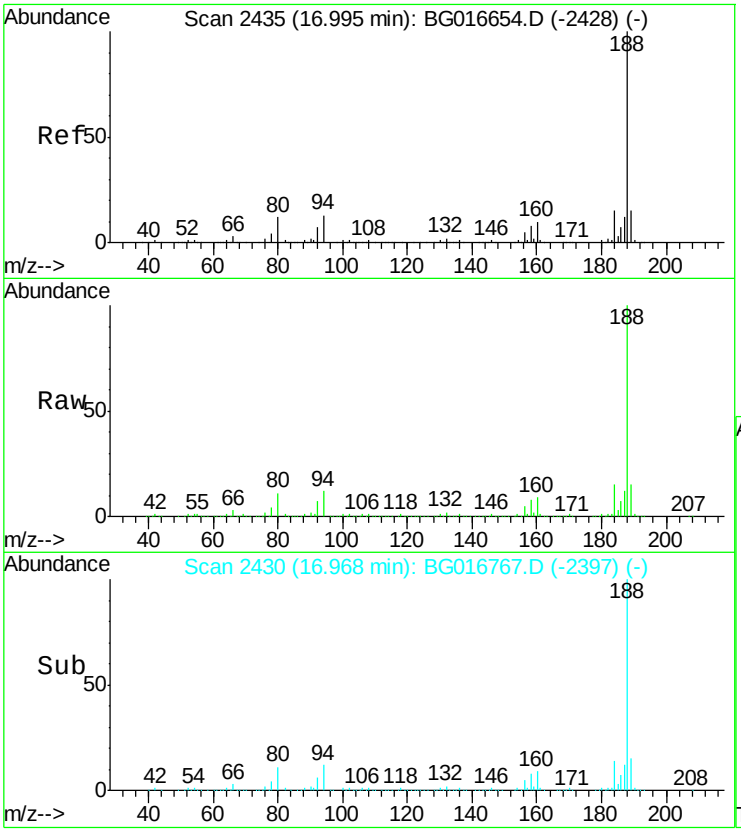


#44
2-Fluorobiphenyl
Concen: 12.53 ng
RT: 12.84 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Tgt Ion:172 Resp: 125819

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.9	44.9
170	24.5	19.8	29.8



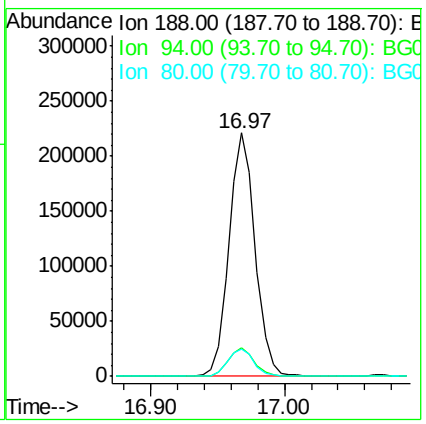


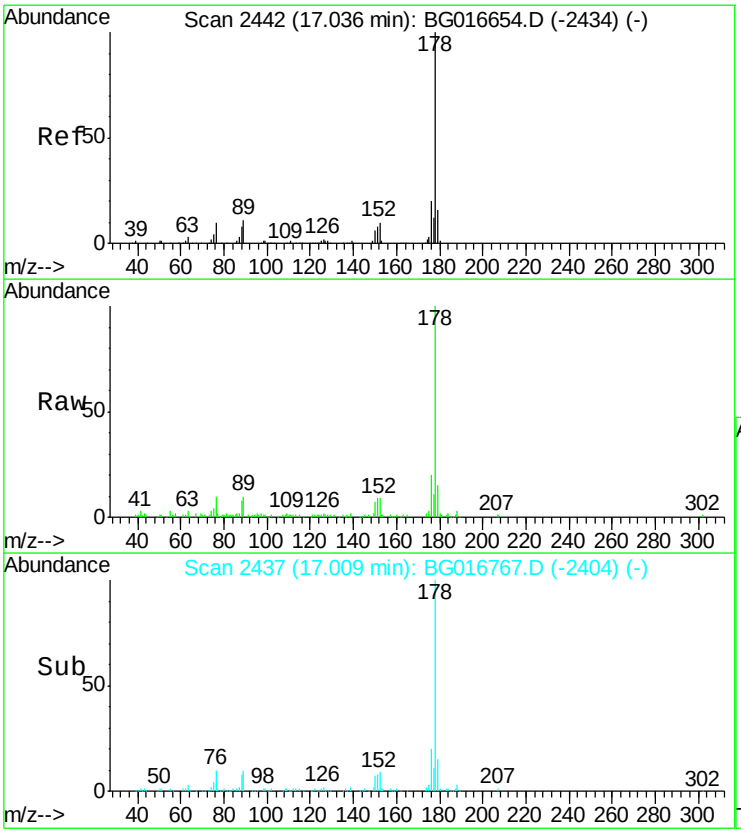
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Instrument :
BNA_G
ClientSampleId :
SB-05-0-2.0

Tgt Ion:188 Resp: 302087

Ion	Ratio	Lower	Upper
188	100		
94	12.0	10.7	16.1
80	11.3	9.9	14.9

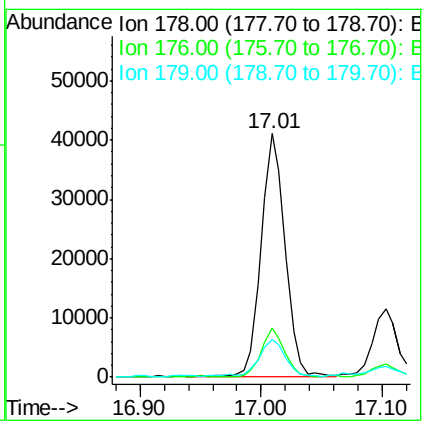


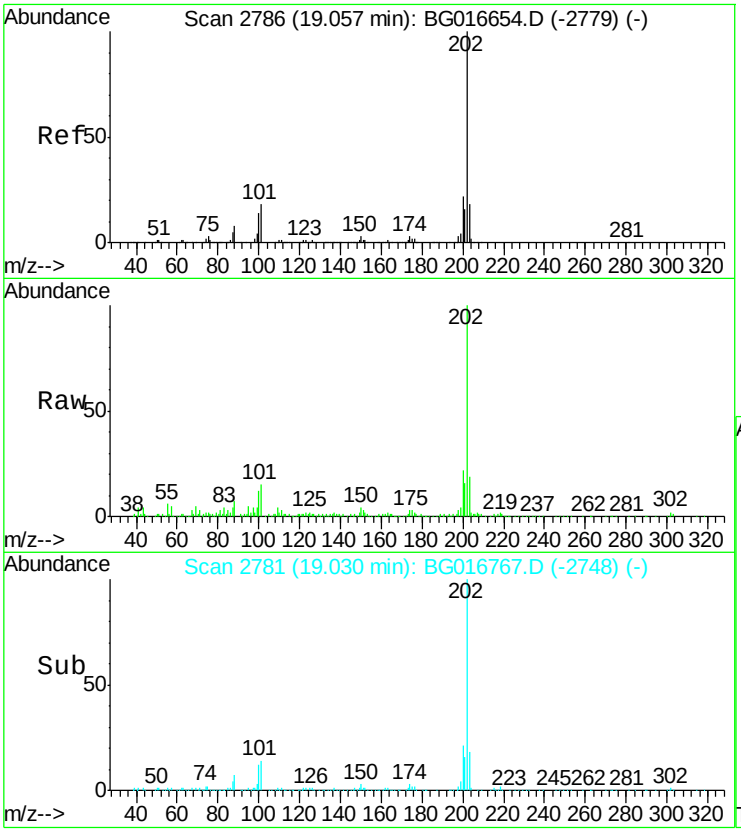


#70
Phenanthrene
Concen: 3.28 ng
RT: 17.01 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Tgt Ion:178 Resp: 56898

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.6
179	15.5	12.8	19.2



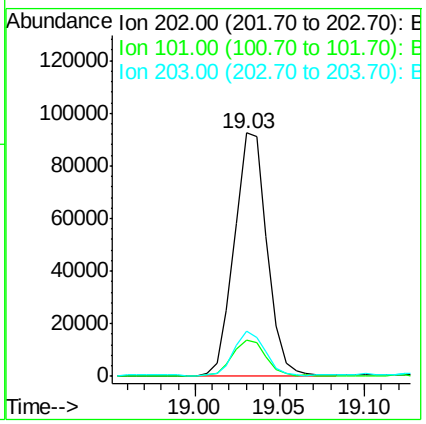


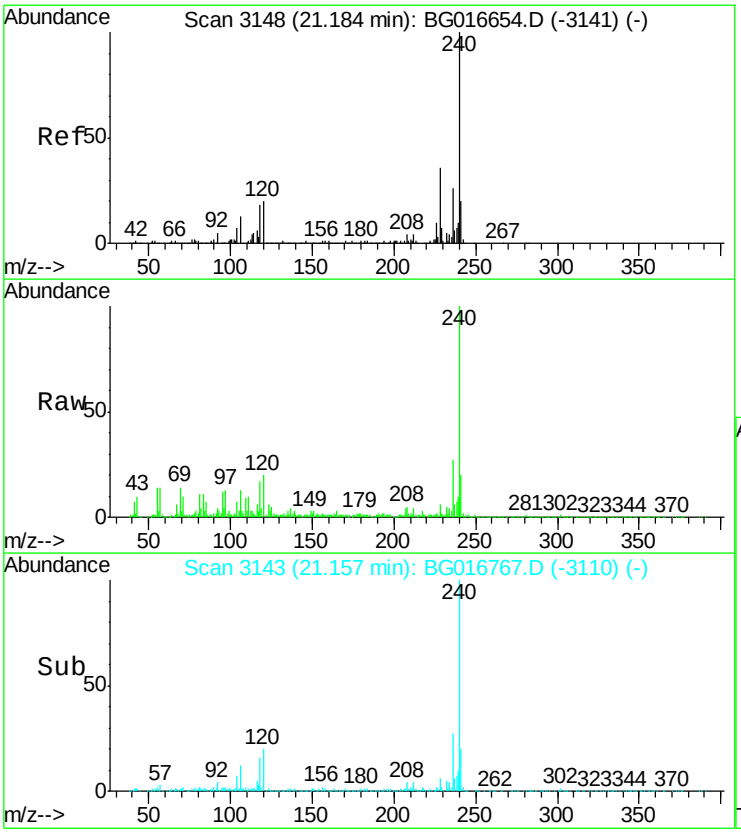
#74
Fluoranthene
Concen: 6.78 ng
RT: 19.03 min Scan# 2781
Delta R.T. -0.00 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Instrument :
BNA_G
ClientSampleId :
SB-05-0-2.0

Tgt Ion:202 Resp: 124768

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	38.1
203	18.7	0.0	38.4

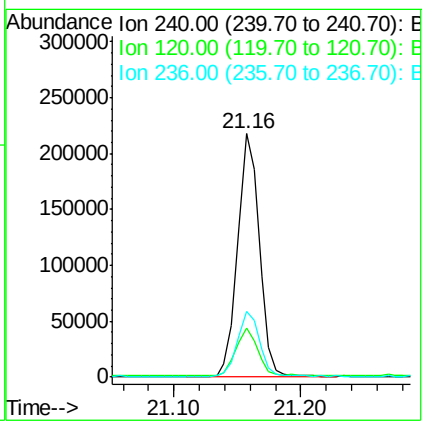


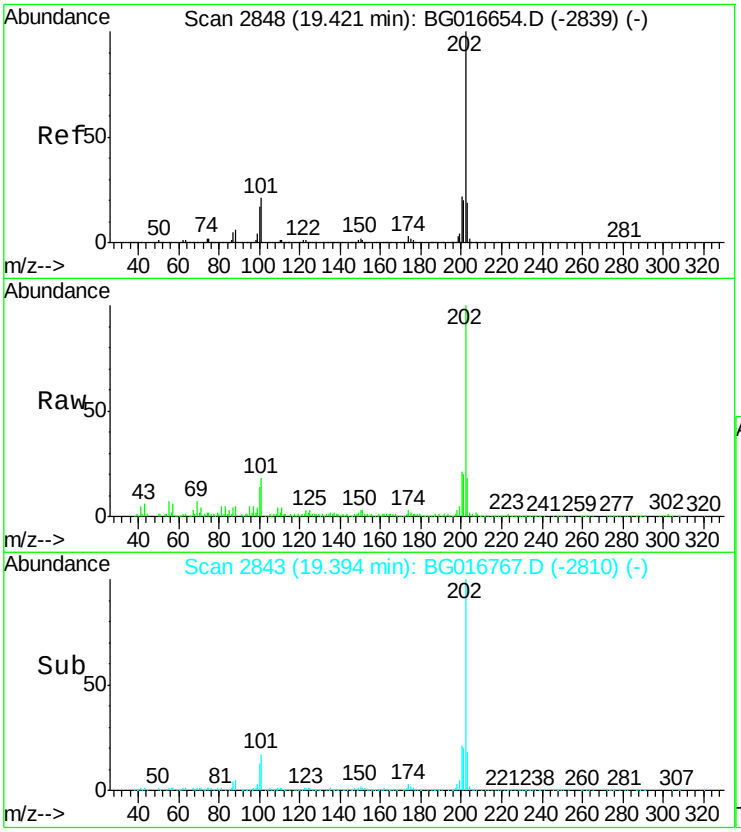


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Tgt Ion:240 Resp: 256542

Ion	Ratio	Lower	Upper
240	100		
120	20.2	16.3	24.5
236	27.2	21.1	31.7



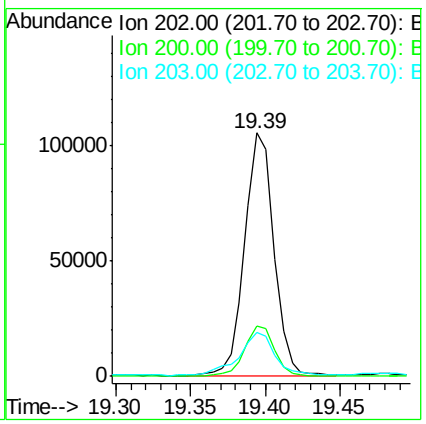


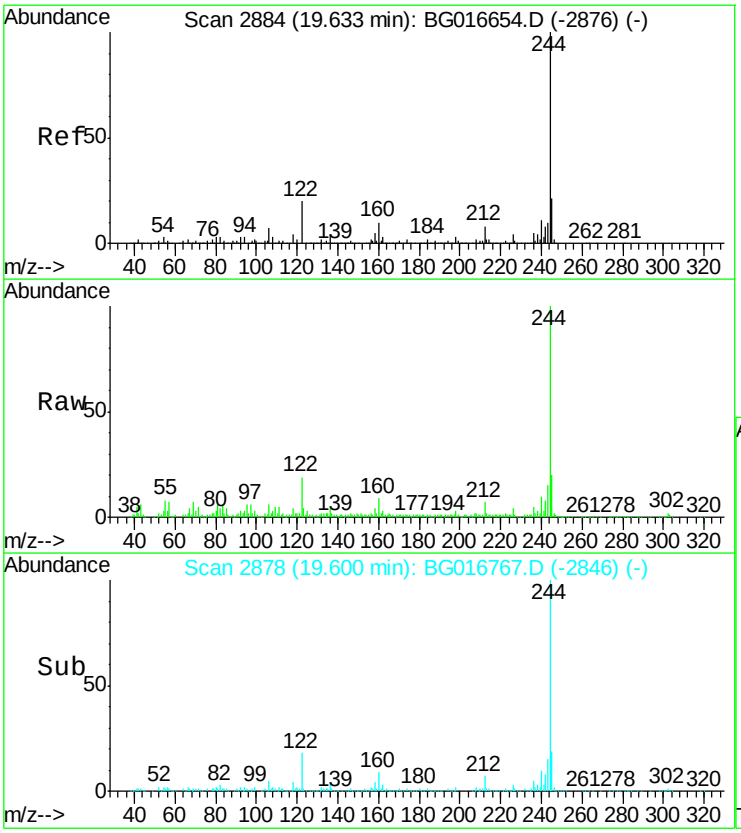
#77
Pyrene
Concen: 7.89 ng
RT: 19.39 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Instrument :
BNA_G
ClientSampleId :
SB-05-0-2.0

Tgt Ion:202 Resp: 142151

Ion	Ratio	Lower	Upper
202	100		
200	20.6	18.0	27.0
203	18.0	14.9	22.3

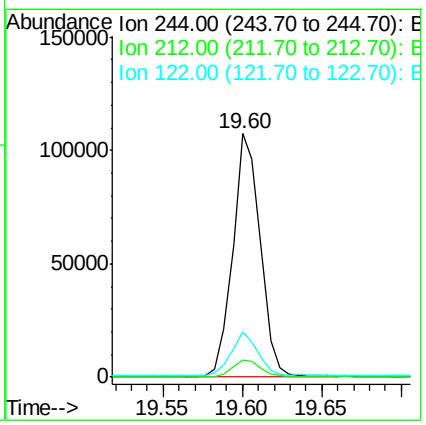


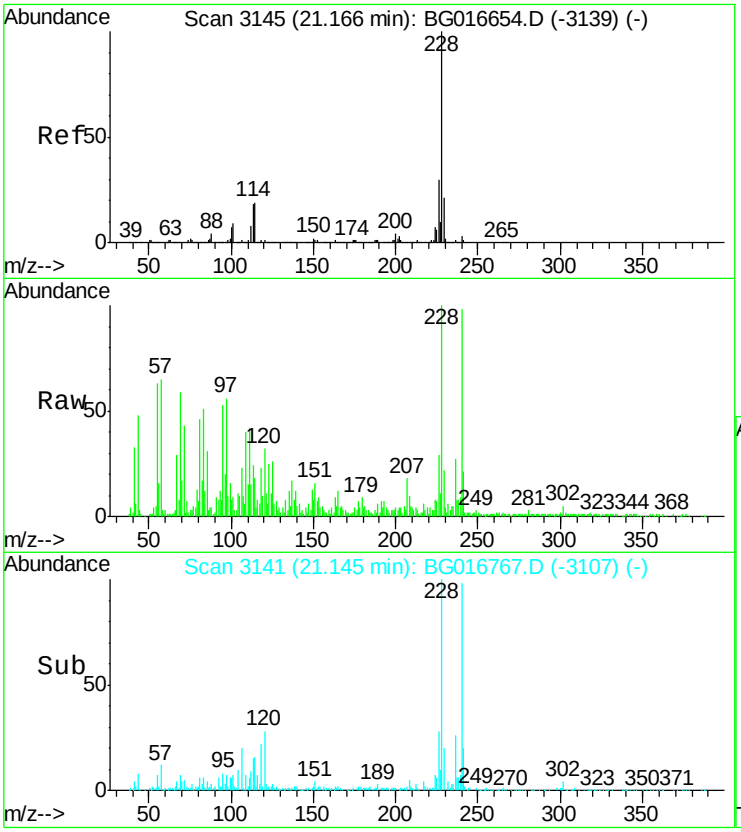


#78
Terphenyl-d14
Concen: 11.53 ng
RT: 19.60 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Tgt Ion:244 Resp: 128443

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.4	9.6
122	18.6	15.9	23.9



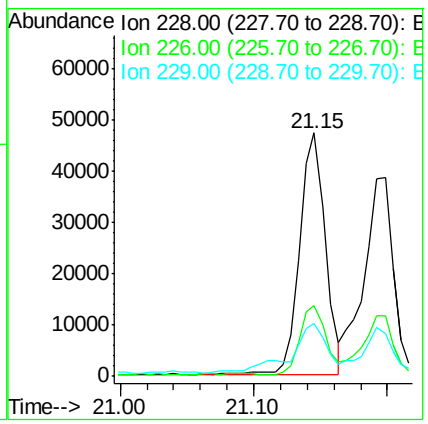


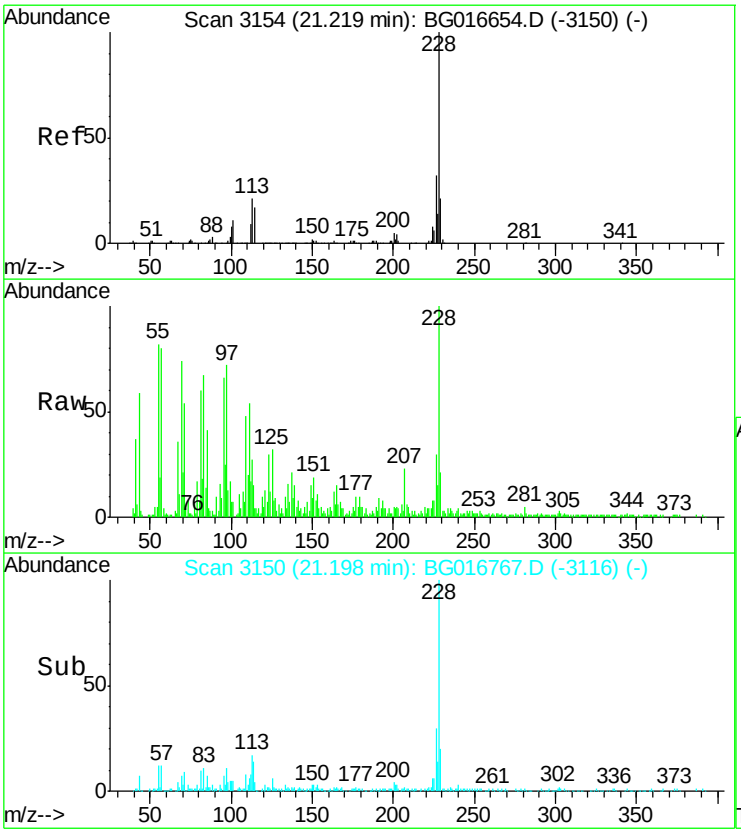
#80
Benzo(a)anthracene
Concen: 4.01 ng
RT: 21.15 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Instrument :
BNA_G
ClientSampleId :
SB-05-0-2.0

Tgt Ion:228 Resp: 62435

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.8	35.6
229	22.0	17.0	25.4

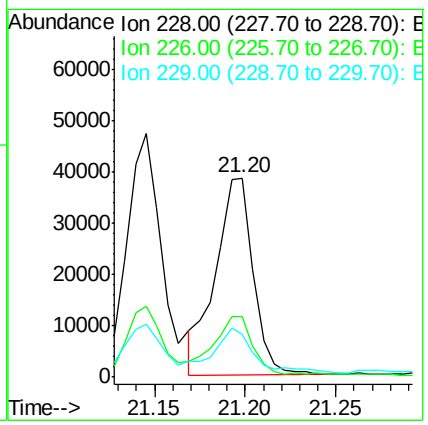


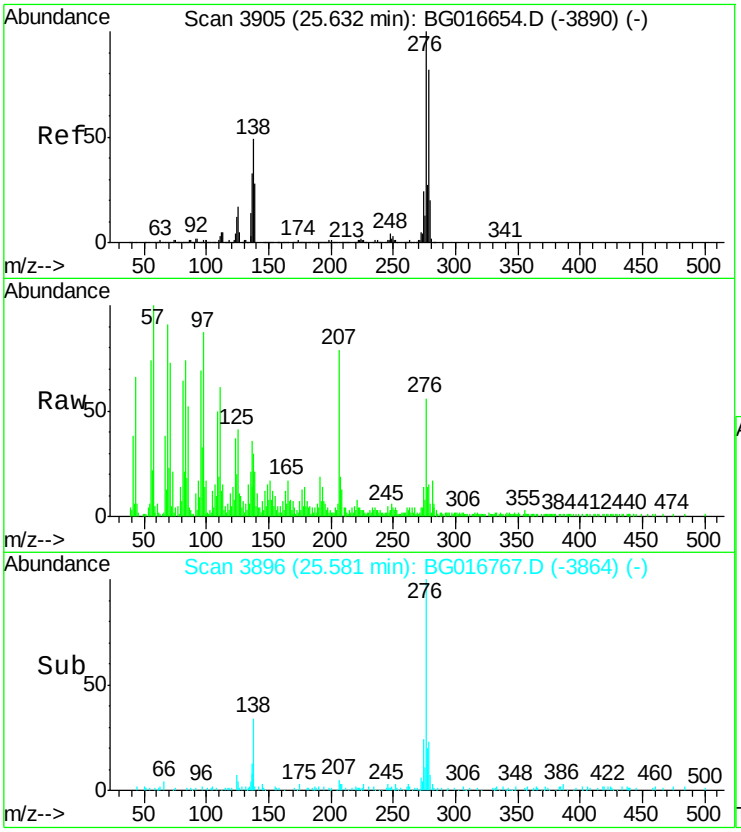


#82
Chrysene
Concen: 3.74 ng
RT: 21.20 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Tgt Ion:228 Resp: 55799

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.0
229	21.5	16.5	24.7



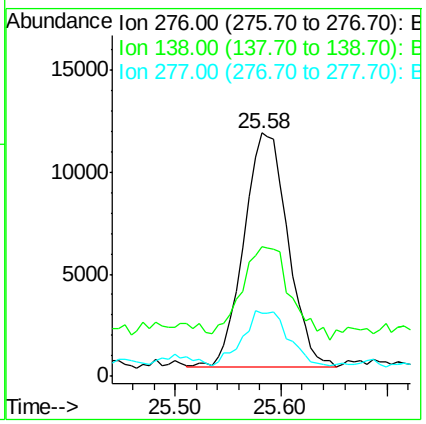


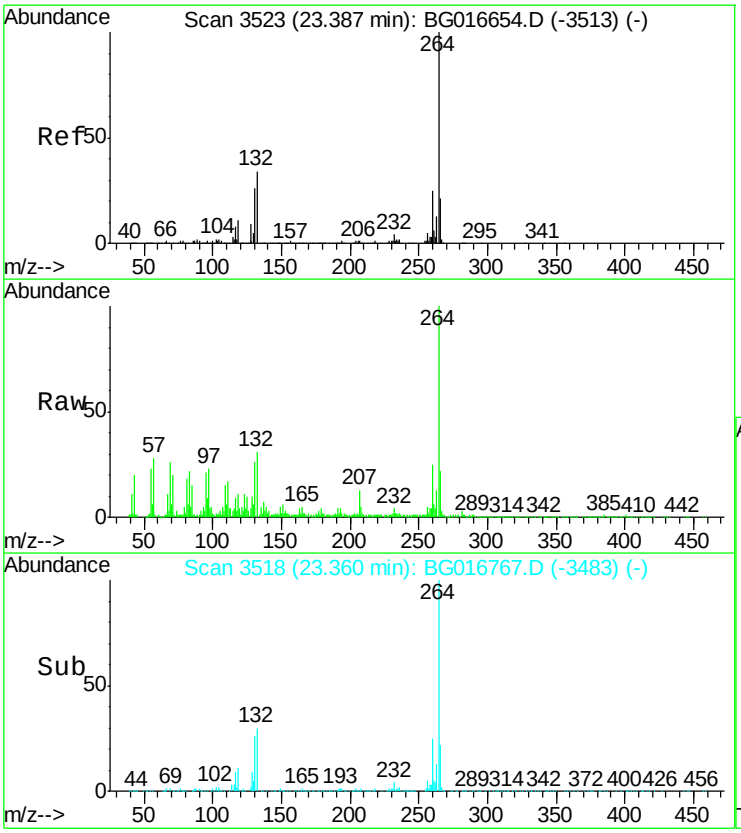
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.03 ng
RT: 25.58 min Scan# 3896
Delta R.T. -0.01 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Instrument :
BNA_G
ClientSampleId :
SB-05-0-2.0

Tgt Ion:276 Resp: 33066

Ion	Ratio	Lower	Upper
276	100		
138	45.1	38.2	57.2
277	23.7	21.4	32.2

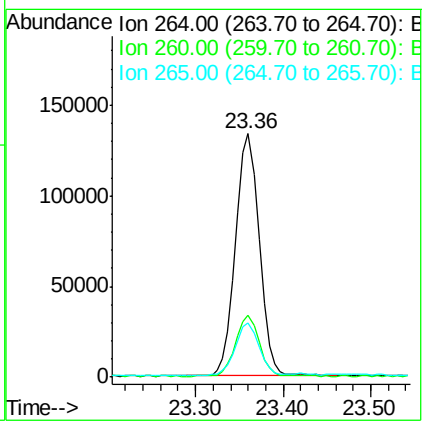


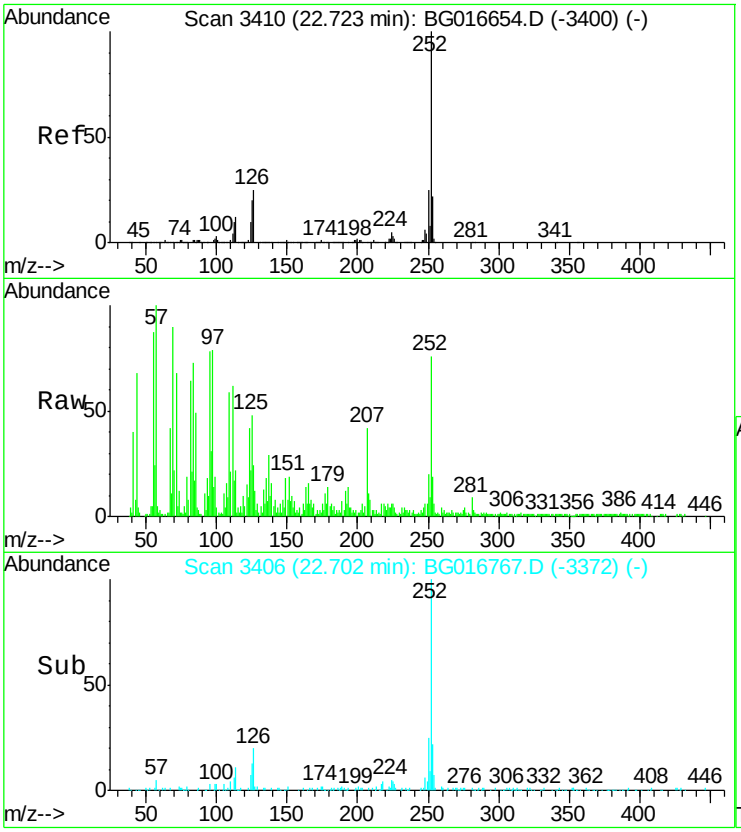


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3518
Delta R.T. 0.01 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Tgt Ion:264 Resp: 245404

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.0	30.0
265	22.3	16.8	25.2



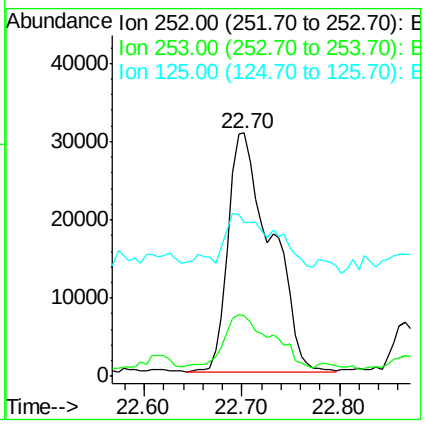


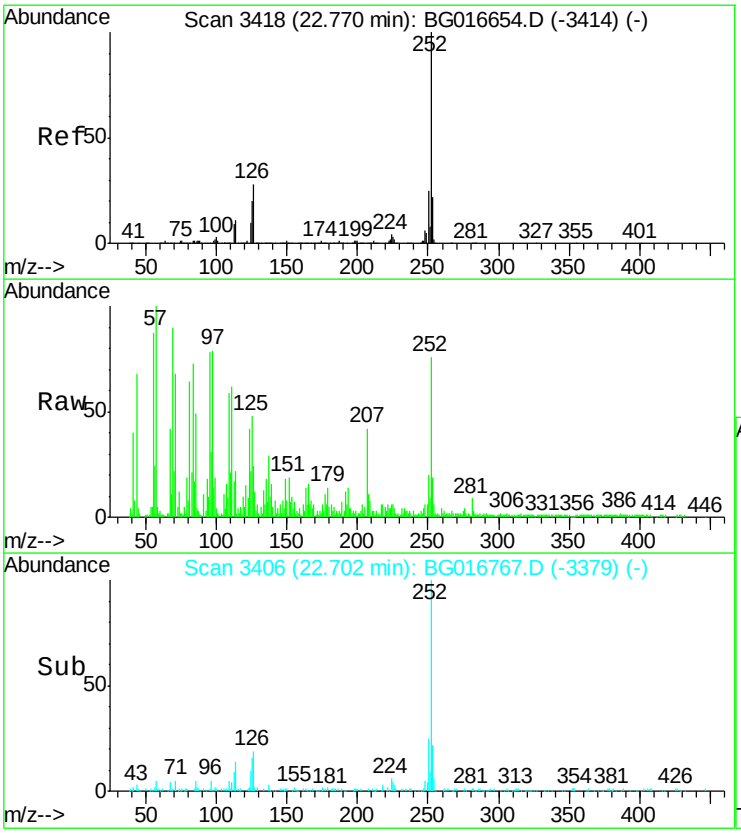
#87
Benzo(b)fluoranthene
Concen: 6.27 ng
RT: 22.70 min Scan# 3406
Delta R.T. 0.00 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Instrument :
BNA_G
ClientSampleId :
SB-05-0-2.0

Tgt Ion:252 Resp: 93436

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	63.2	15.8	23.8#

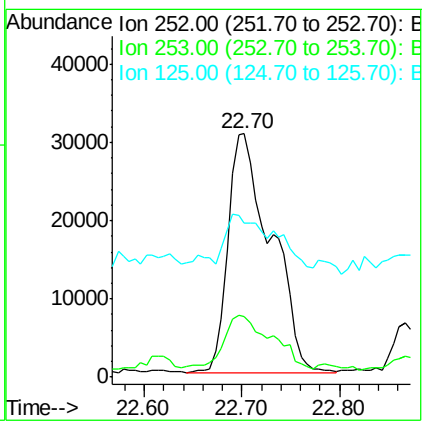


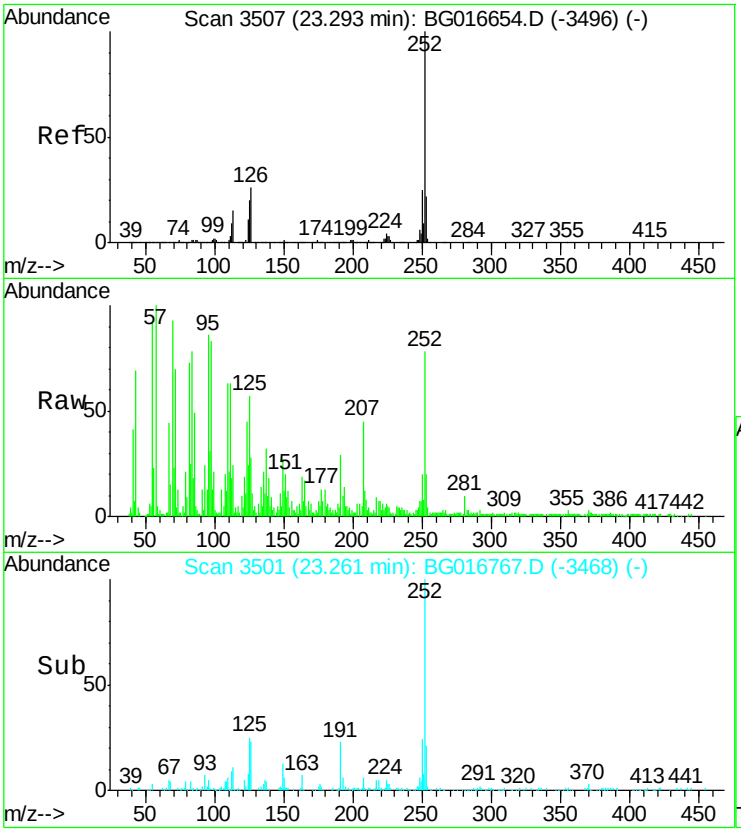


#88
Benzo(k)fluoranthene
Concen: 6.42 ng
RT: 22.70 min Scan# 3406
Delta R.T. -0.04 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Tgt Ion:252 Resp: 93436

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.6	26.4
125	63.2	15.5	23.3#



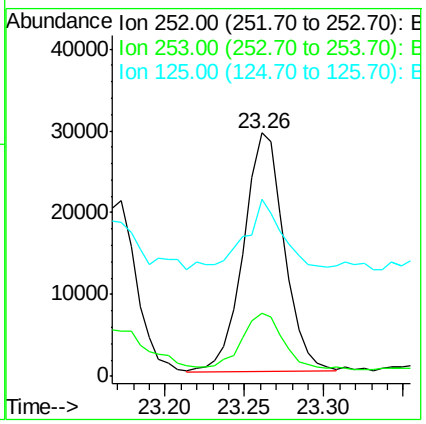


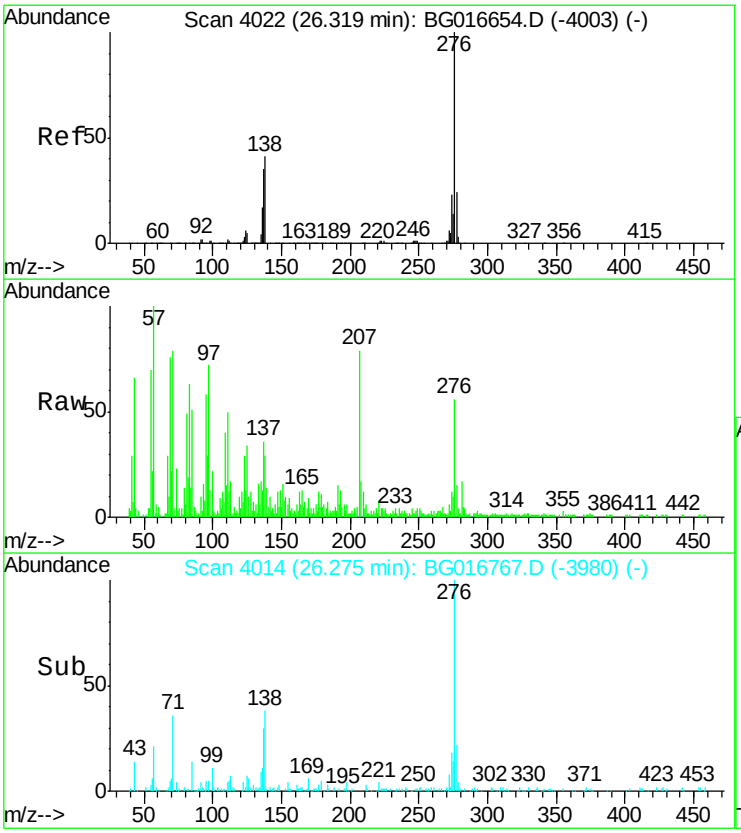
#89
Benzo(a)pyrene
Concen: 3.71 ng
RT: 23.26 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Instrument :
BNA_G
ClientSampleId :
SB-05-0-2.0

Tgt Ion:252 Resp: 52157

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.2	25.8
125	72.8	16.3	24.5#





#91
Benzo(g,h,i)perylene
Concen: 2.66 ng
RT: 26.27 min Scan# 4014
Delta R.T. 0.00 min
Lab File: BG016767.D
Acq: 28 Apr 2015 16:40

Tgt Ion:276 Resp: 36986

Ion	Ratio	Lower	Upper
276	100		
277	27.0	19.3	28.9
138	51.9	32.8	49.2#