Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042915\
Data File : BG016822.D
Acq On : 30 Apr 2015 6:41
Operator : TP/IZ
Sample : G2031-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB2

Quant Time: Apr 30 07:33:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 02:30:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	62374	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	266680	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	148467	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	275803	20.00	ng	0.00
75) Chrysene-d12	21.16	240	237239	20.00	ng	0.00
86) Perylene-d12	23.36	264	226448	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	63833	18.85	ng	0.00
7) Phenol-d6	6.76	99	85412	17.97	ng	0.00
23) Nitrobenzene-d5	8.73	82	44080	10.77	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	17488	15.82	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	113382	11.82	ng	0.00
78) Terphenyl-d14	19.60	244	117649	11.96	ng	0.00
Target Compounds						Qvalue
55) 4-Nitrophenol	14.63	139	1009	6.67	ng	# 22
70) Phenanthrene	17.01	178	111123	7.45	ng	98
74) Fluoranthene	19.03	202	160959	10.04	ng	98
77) Pyrene	19.40	202	156853	10.11	ng	99
80) Benzo(a)anthracene	21.14	228	71158	5.19	ng	98
82) Chrysene	21.19	228	63068	4.87	ng	98
85) Indeno(1,2,3-cd)pyrene	25.58	276	33471	2.27	ng	91
87) Benzo(b)fluoranthene	22.70	252	99334	7.70	ng	97
88) Benzo(k)fluoranthene	22.70	252	99334	7.87	ng	97
89) Benzo(a)pyrene	23.26	252	56085	4.59	ng	94
91) Benzo(g,h,i)perylene	26.27	276	31692	2.56	ng	98

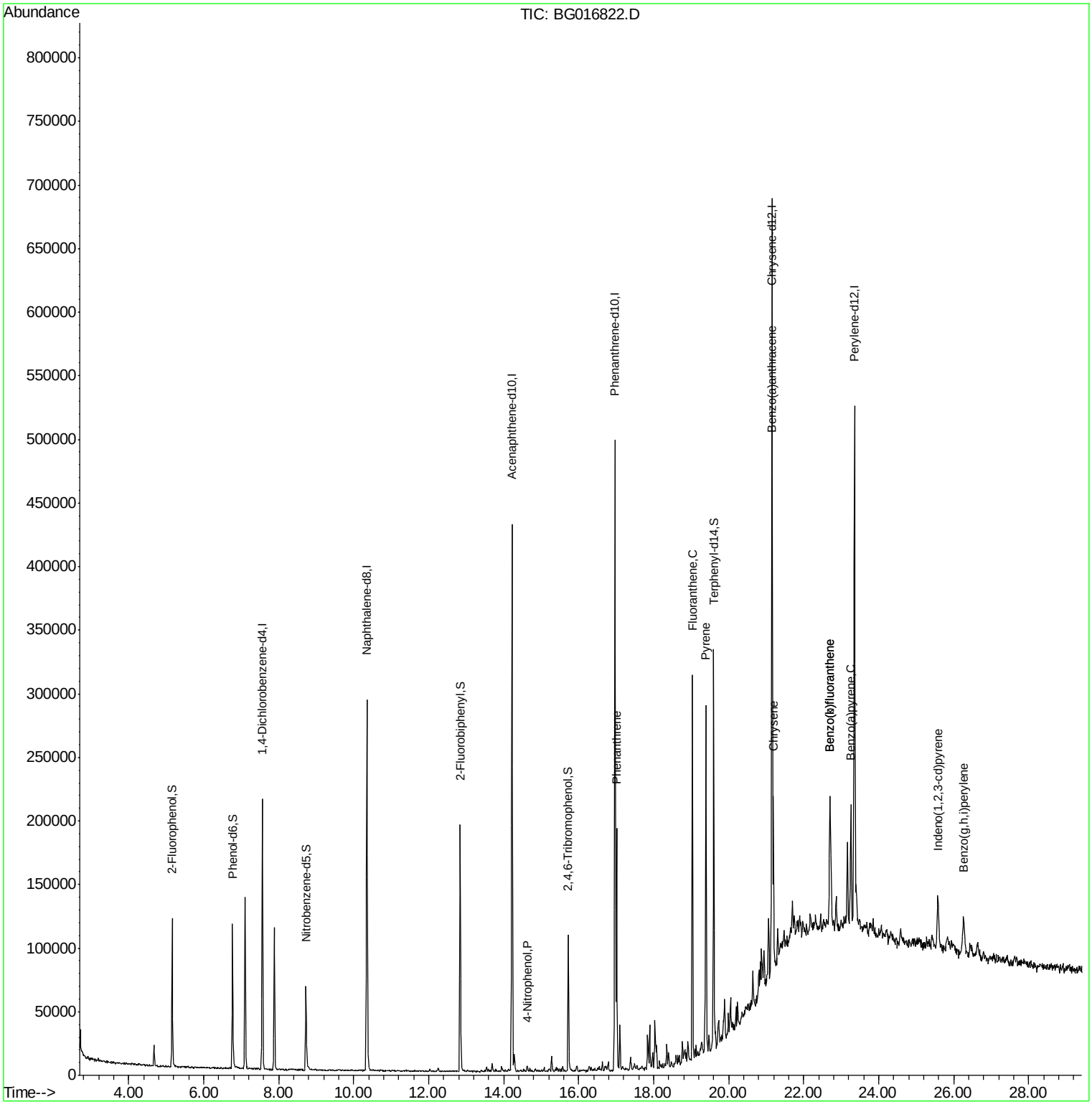
(#) = qualifier out of range (m) = manual integration (+) = signals summed

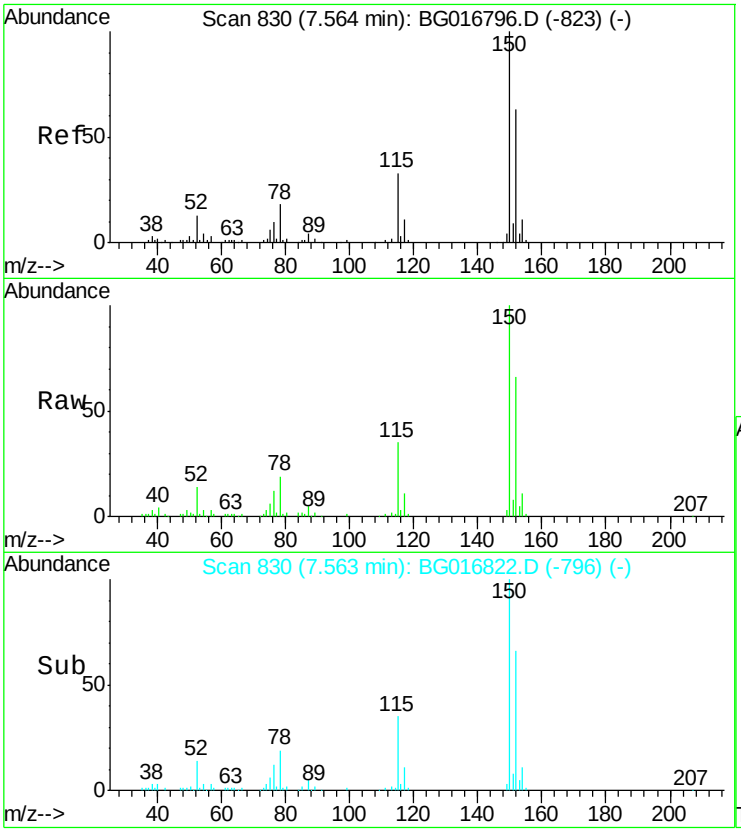
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042915\
Data File : BG016822.D
Acq On : 30 Apr 2015 6:41
Operator : TP/IZ
Sample : G2031-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB2

Quant Time: Apr 30 07:33:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 02:30:36 2015
Response via : Initial Calibration



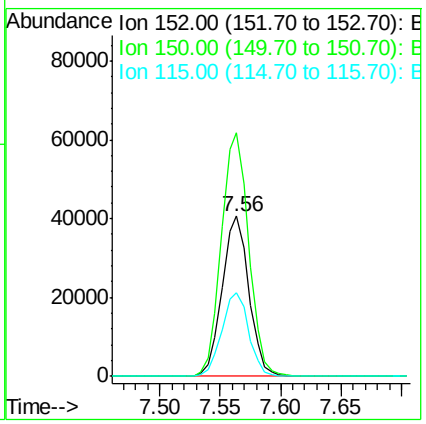


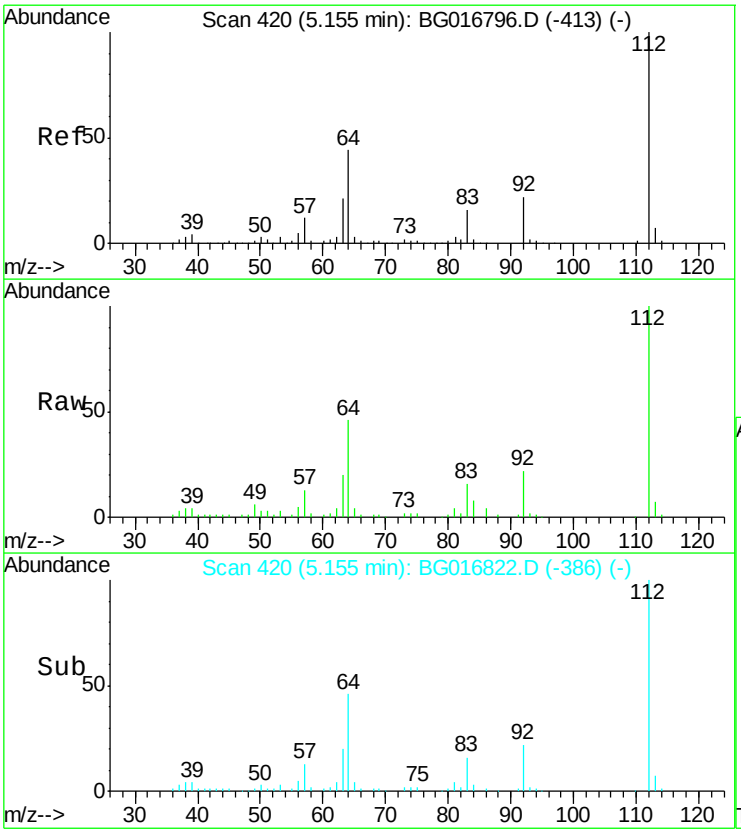
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Instrument :
BNA_G
ClientSampleId :
SB2

Tgt Ion:152 Resp: 62374

Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.2	189.4
115	52.5	41.1	61.7

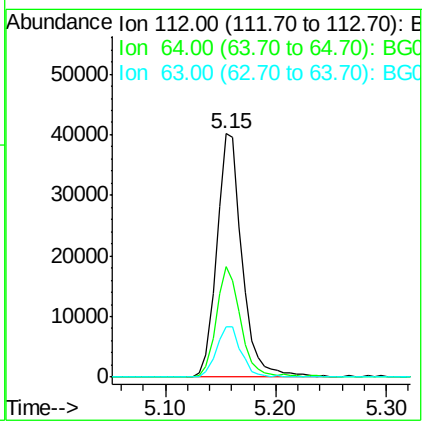


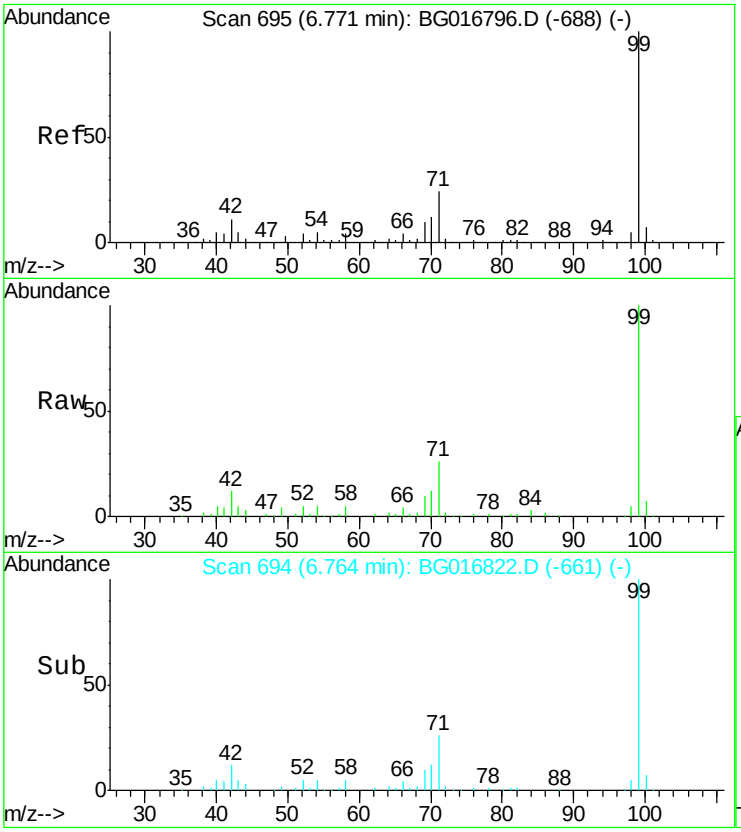


#5
2-Fluorophenol
Concen: 18.85 ng
RT: 5.15 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Tgt Ion:112 Resp: 63833

Ion	Ratio	Lower	Upper
112	100		
64	45.5	35.5	53.3
63	20.5	17.2	25.8



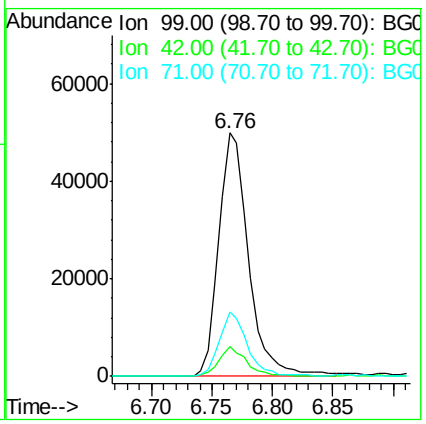


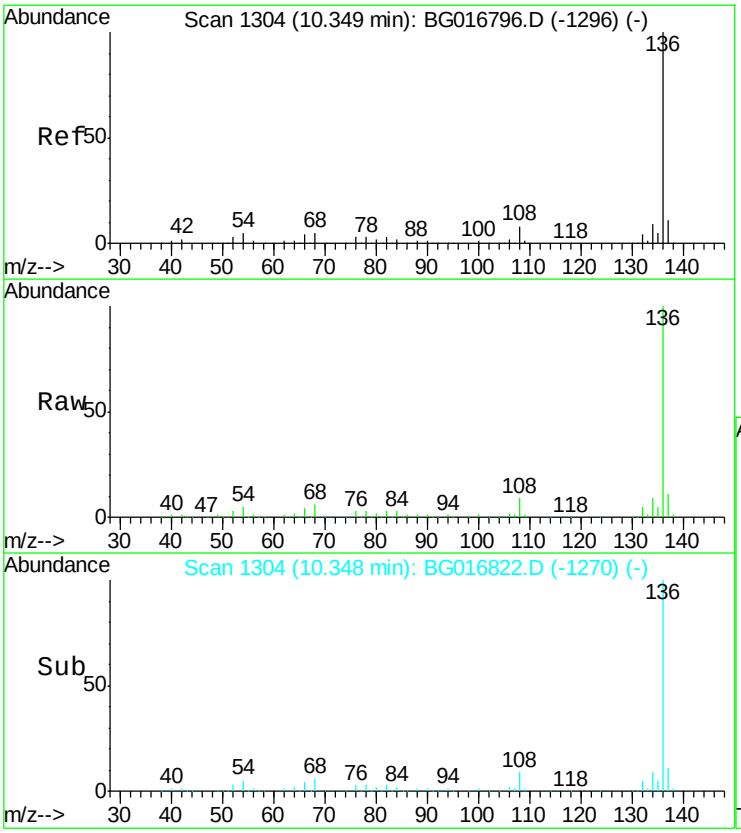
#7
Phenol-d6
Concen: 17.97 ng
RT: 6.76 min Scan# 694
Delta R.T. -0.00 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Instrument :
BNA_G
ClientSampleId :
SB2

Tgt Ion: 99 Resp: 85412

Ion	Ratio	Lower	Upper
99	100		
42	12.5	8.9	13.3
71	26.3	19.0	28.6

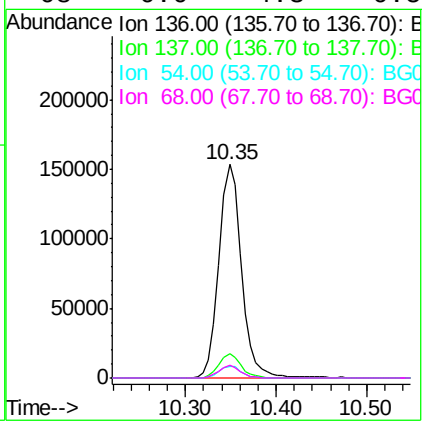


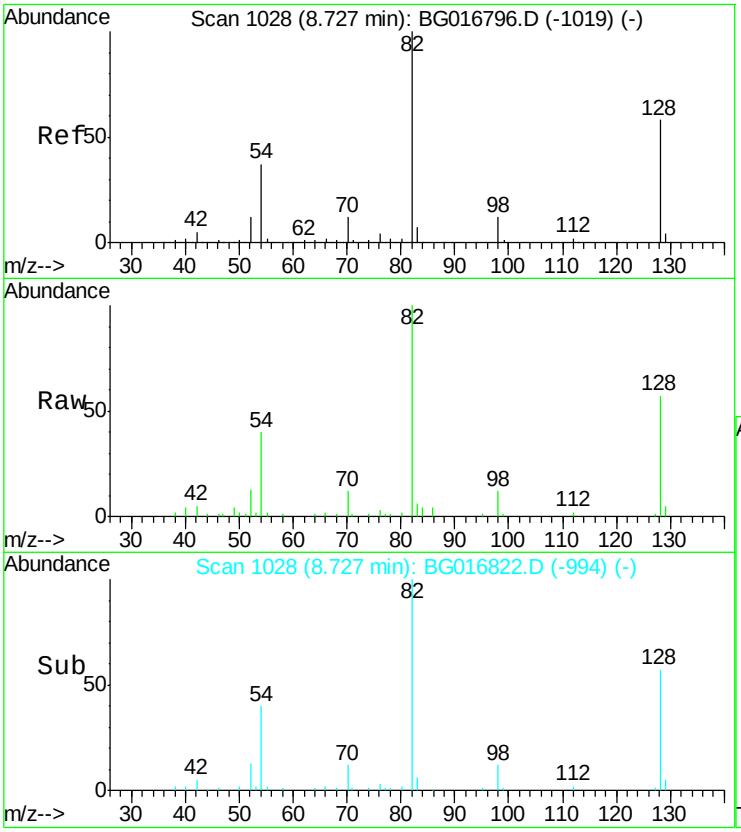


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Tgt Ion:136 Resp: 266680

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	5.5	4.3	6.5
68	6.0	4.3	6.5



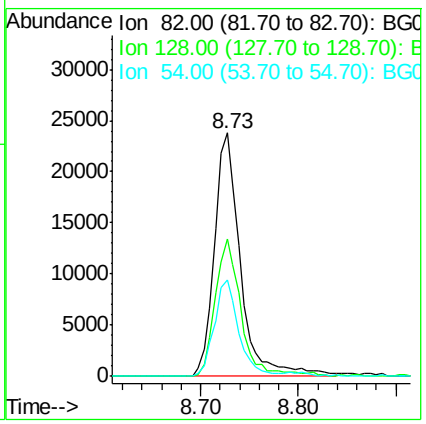


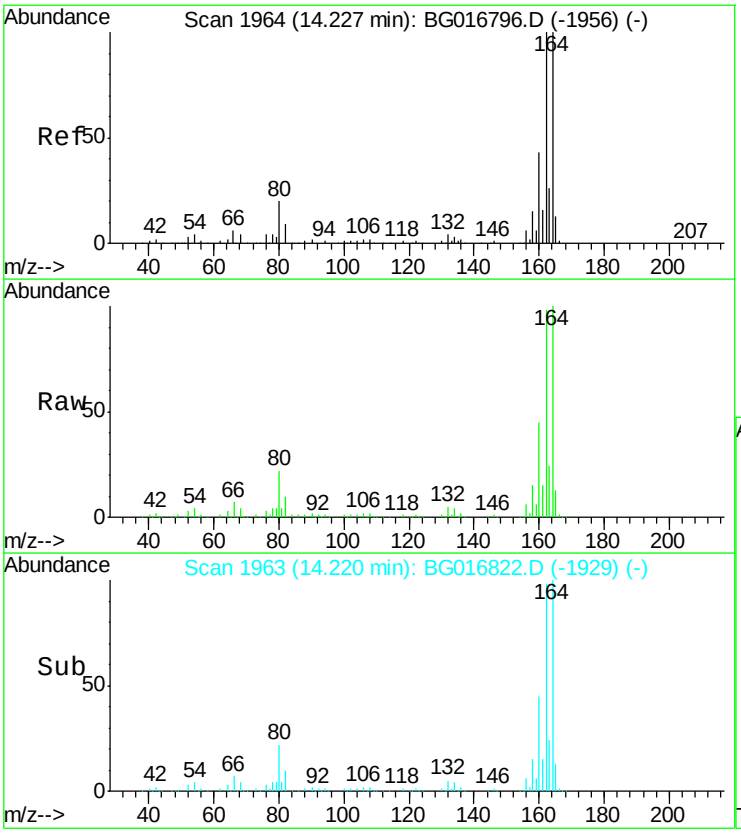
#23
Nitrobenzene-d5
Concen: 10.77 ng
RT: 8.73 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Instrument :
BNA_G
ClientSampleId :
SB2

Tgt Ion: 82 Resp: 44080

Ion	Ratio	Lower	Upper
82	100		
128	56.7	46.3	69.5
54	39.8	30.0	45.0

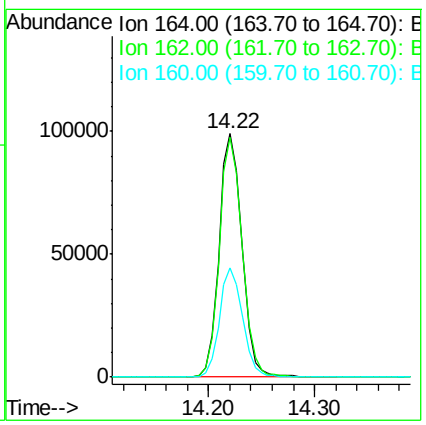


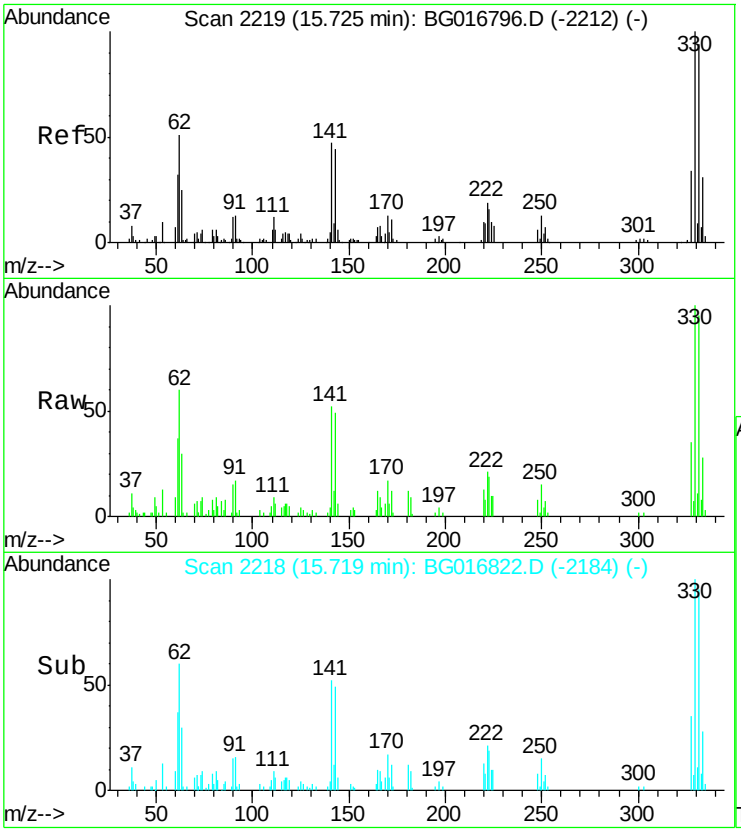


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.22 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Tgt Ion:164 Resp: 148467

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.2	120.4
160	44.8	34.8	52.2



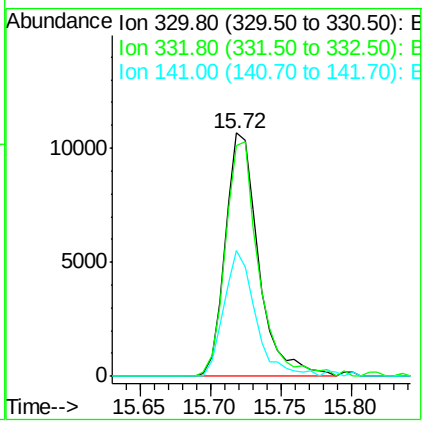


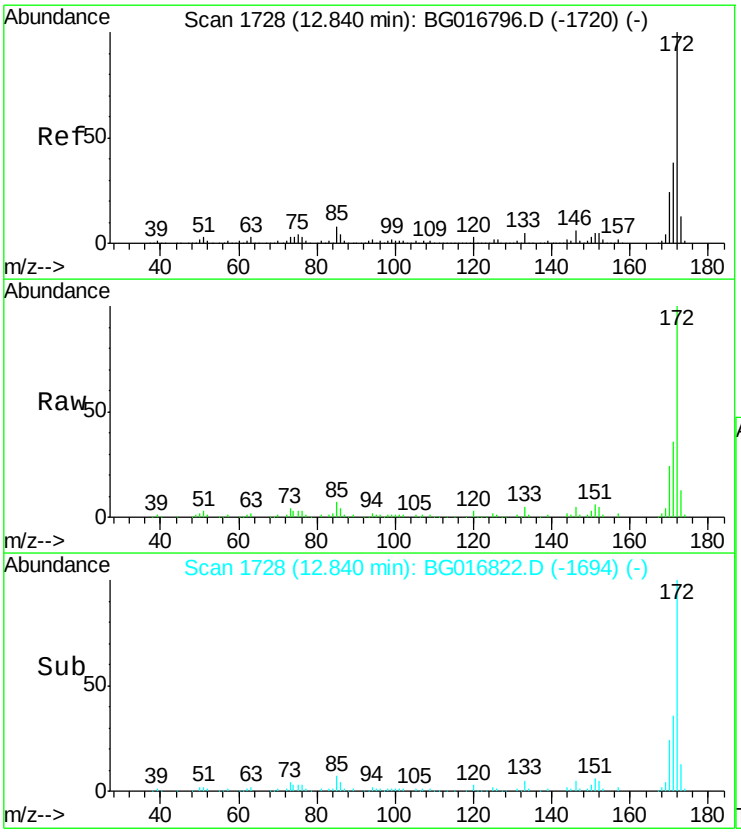
#41
2,4,6-Tribromophenol
Concen: 15.82 ng
RT: 15.72 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Instrument :
BNA_G
ClientSampleId :
SB2

Tgt Ion:330 Resp: 17488

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.3	112.9
141	48.8	40.7	61.1

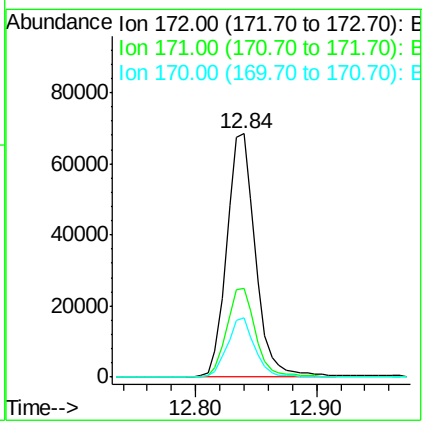


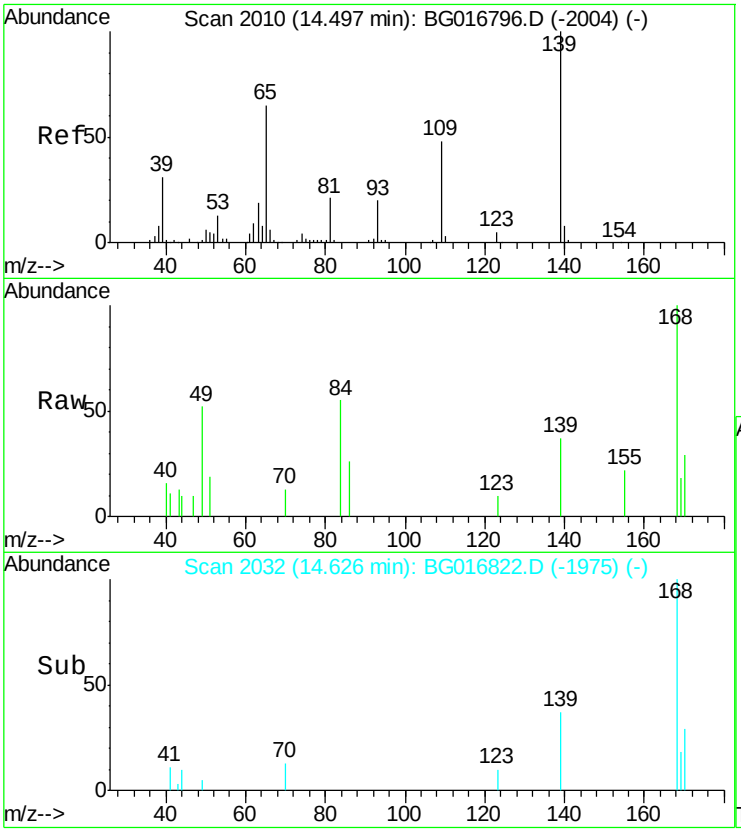


#44
2-Fluorobiphenyl
Concen: 11.82 ng
RT: 12.84 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Tgt Ion:172 Resp: 113382

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.2	45.4
170	24.1	19.4	29.0



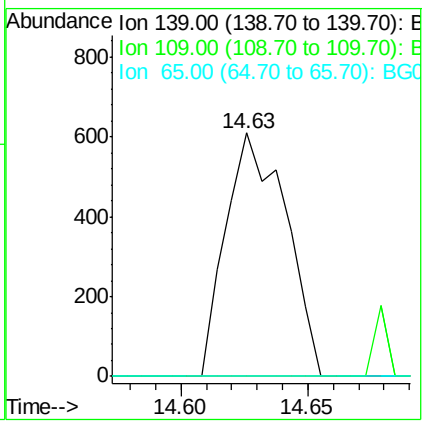


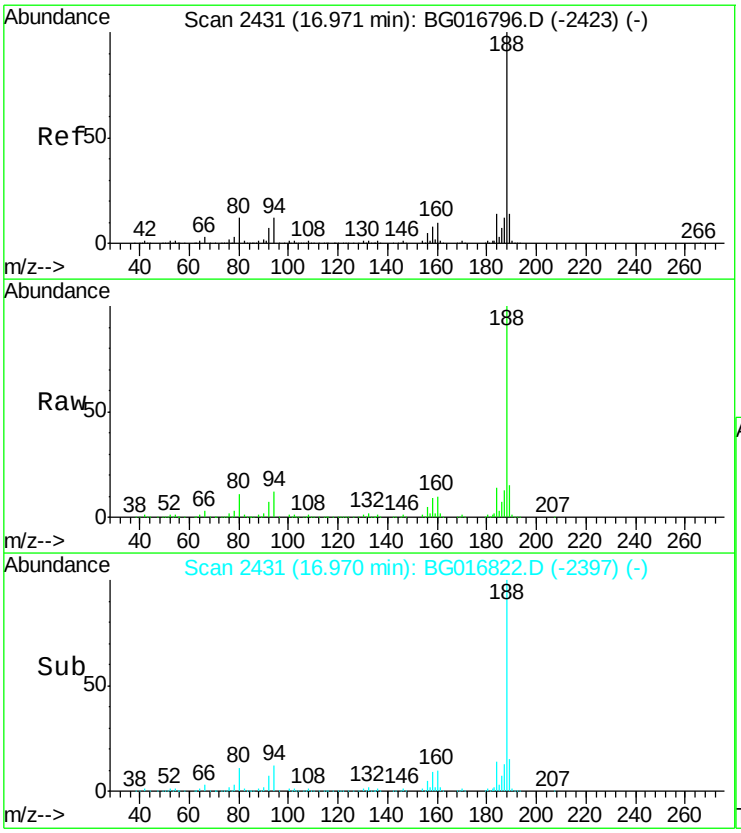
#55
4-Nitrophenol
Concen: 6.67 ng
RT: 14.63 min Scan# 2032
Delta R.T. 0.14 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Instrument :
BNA_G
ClientSampleId :
SB2

Tgt Ion:139 Resp: 1009

Ion	Ratio	Lower	Upper
139	100		
109	0.0	27.8	67.8#
65	0.0	45.4	85.4#

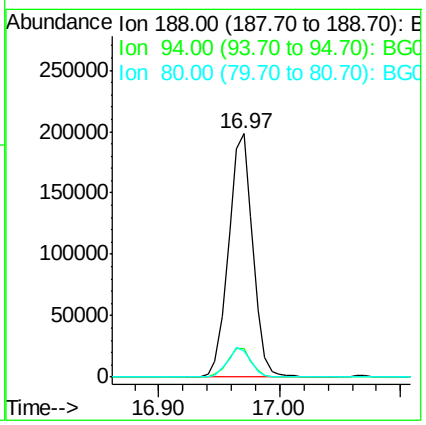


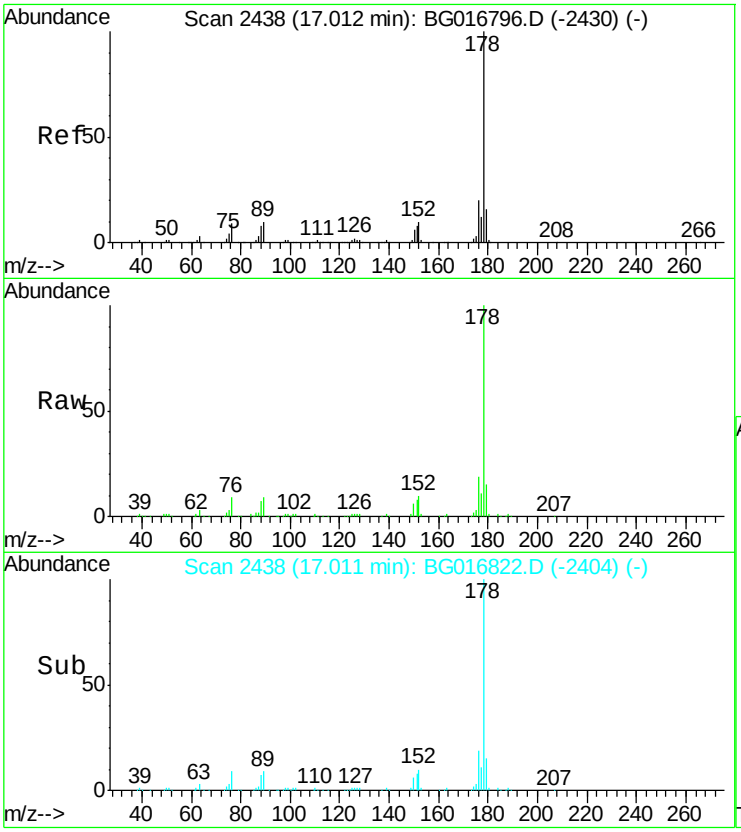


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Tgt Ion:188 Resp: 275803

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.5	14.3
80	11.0	9.2	13.8



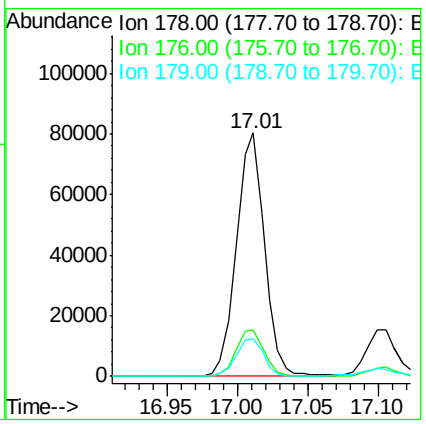


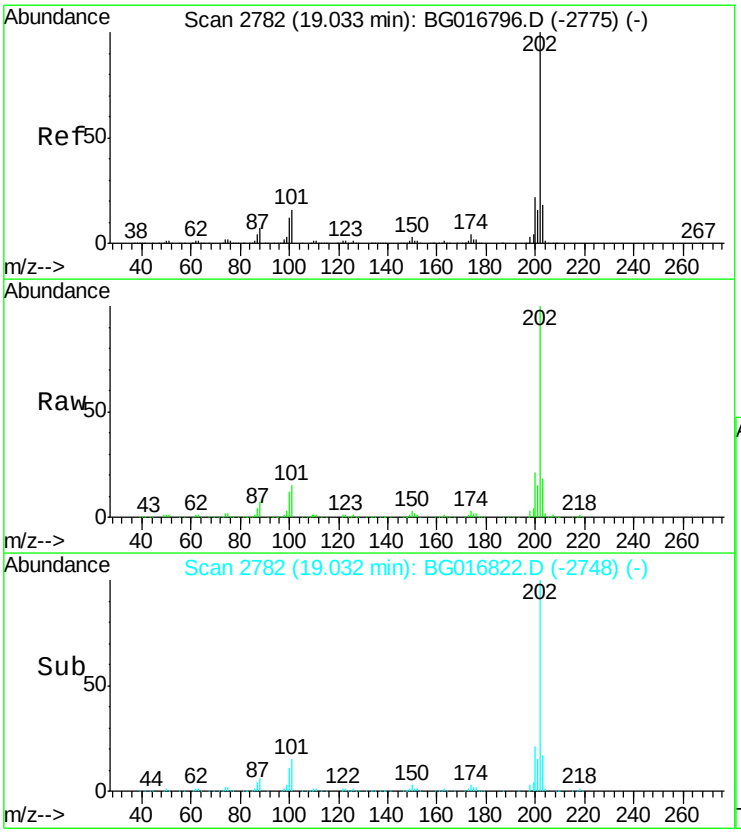
#70
Phenanthrene
Concen: 7.45 ng
RT: 17.01 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Instrument :
BNA_G
ClientSampleId :
SB2

Tgt Ion:178 Resp: 111123

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	15.5	12.7	19.1

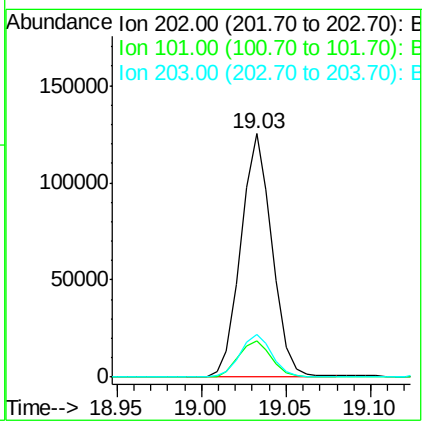


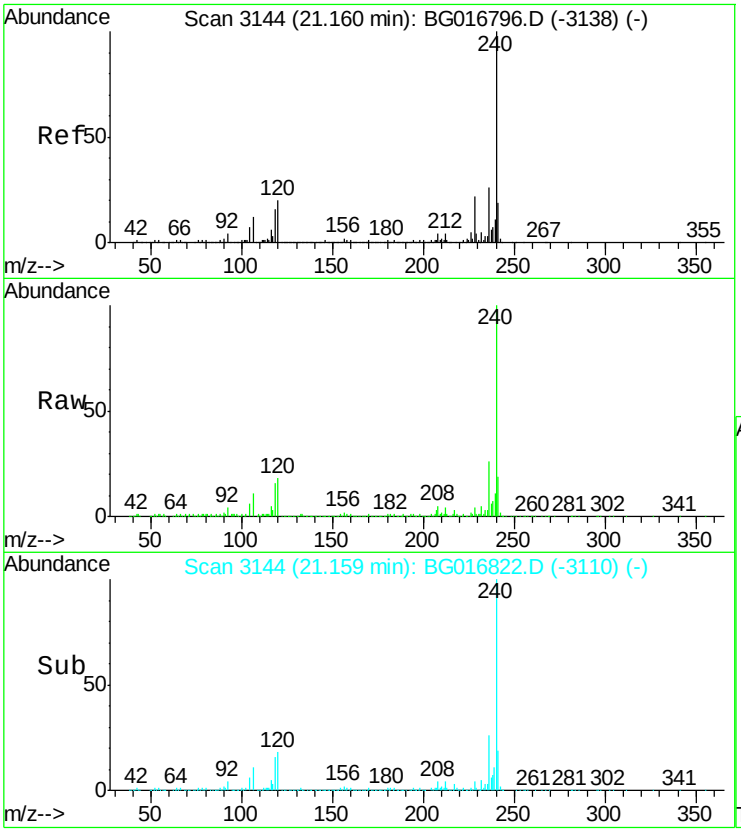


#74
Fluoranthene
Concen: 10.04 ng
RT: 19.03 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Tgt Ion:202 Resp: 160959

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	36.2
203	17.8	0.0	37.6



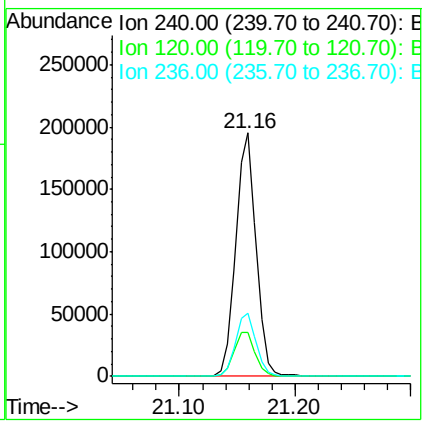


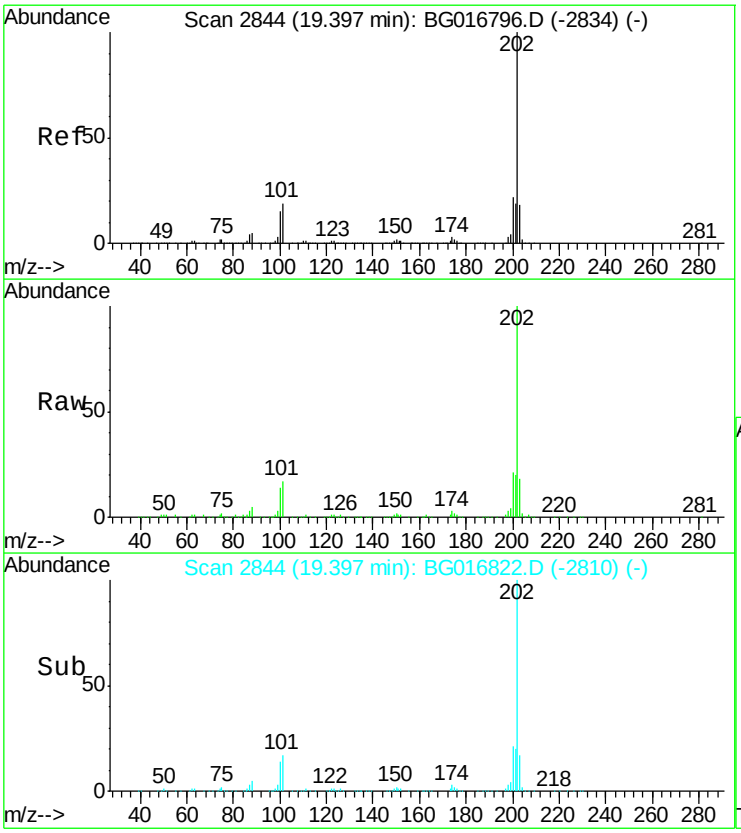
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Instrument :
BNA_G
ClientSampleId :
SB2

Tgt Ion:240 Resp: 237239

Ion	Ratio	Lower	Upper
240	100		
120	17.9	16.1	24.1
236	25.8	21.0	31.6

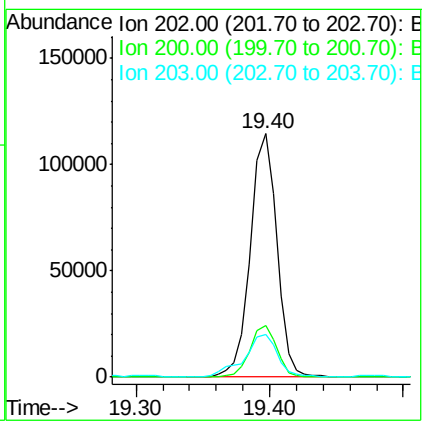


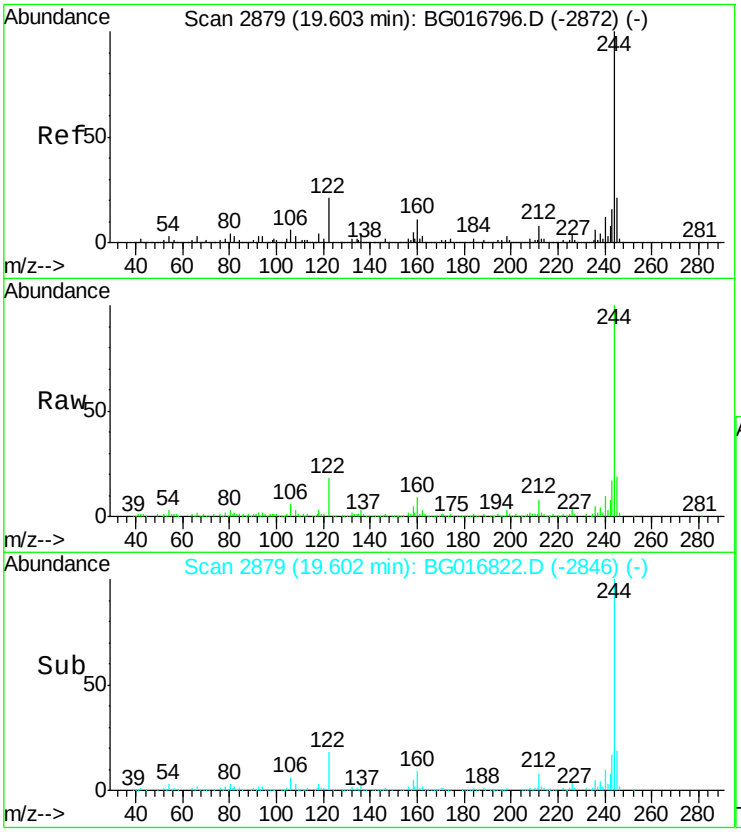


#77
Pyrene
Concen: 10.11 ng
RT: 19.40 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Tgt Ion:202 Resp: 156853

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.3	25.9
203	17.5	14.6	22.0



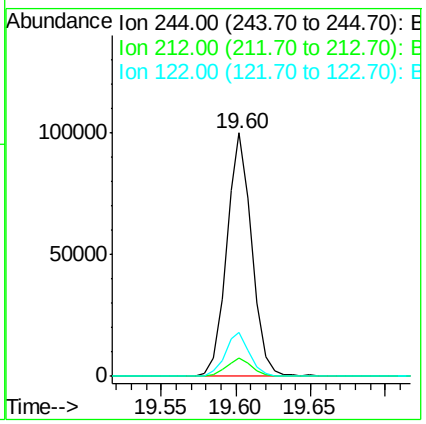


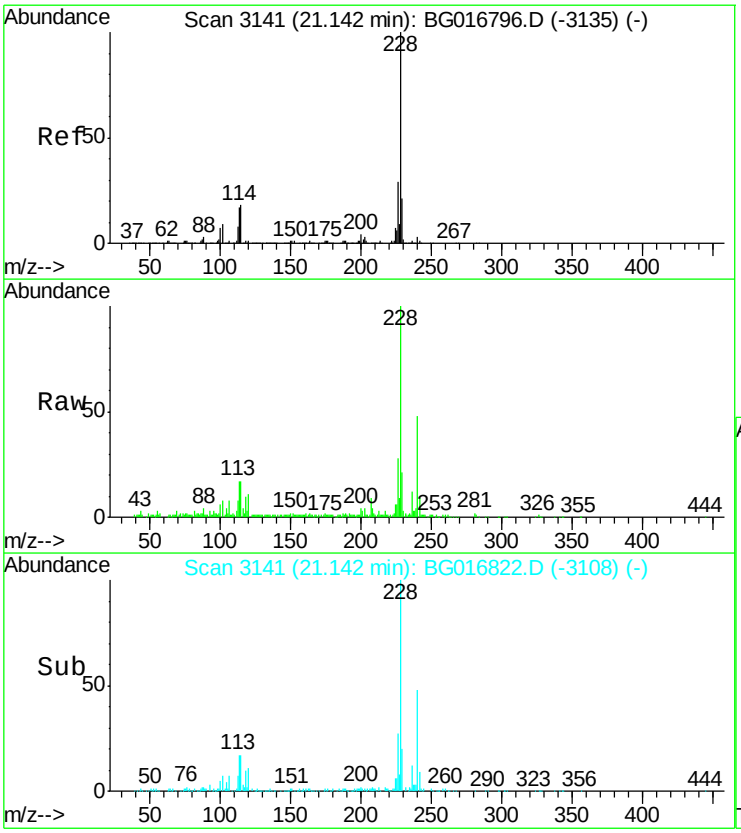
#78
Terphenyl-d14
Concen: 11.96 ng
RT: 19.60 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Instrument :
BNA_G
ClientSampleId :
SB2

Tgt Ion:244 Resp: 117649

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	17.8	16.4	24.6

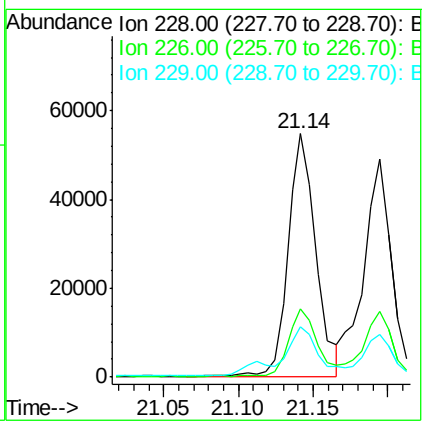


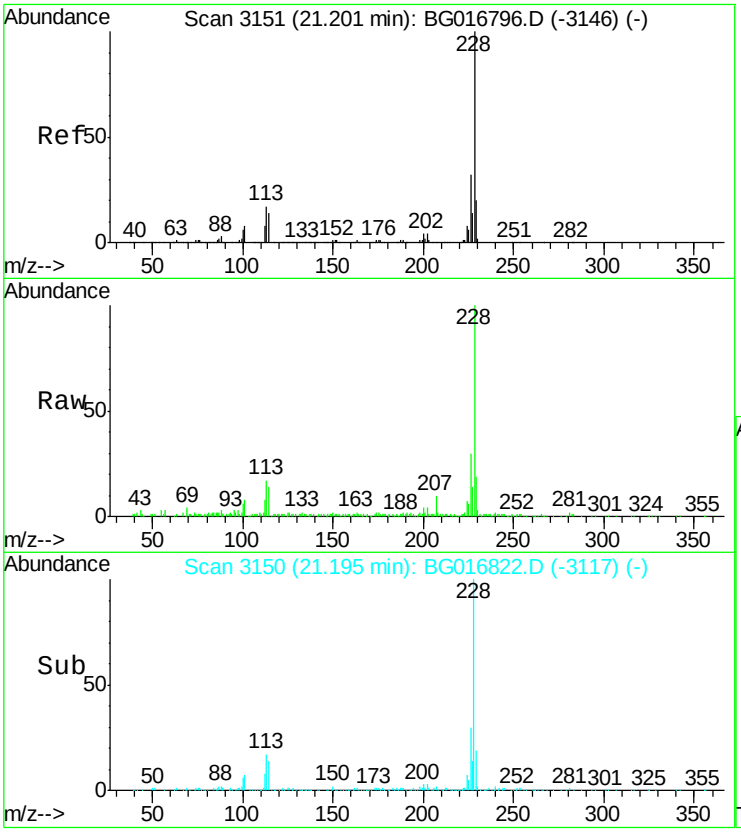


#80
Benzo(a)anthracene
Concen: 5.19 ng
RT: 21.14 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Tgt Ion:228 Resp: 71158

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.4	35.0
229	20.6	17.0	25.6



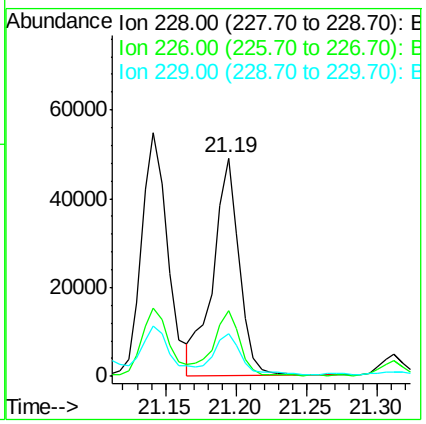


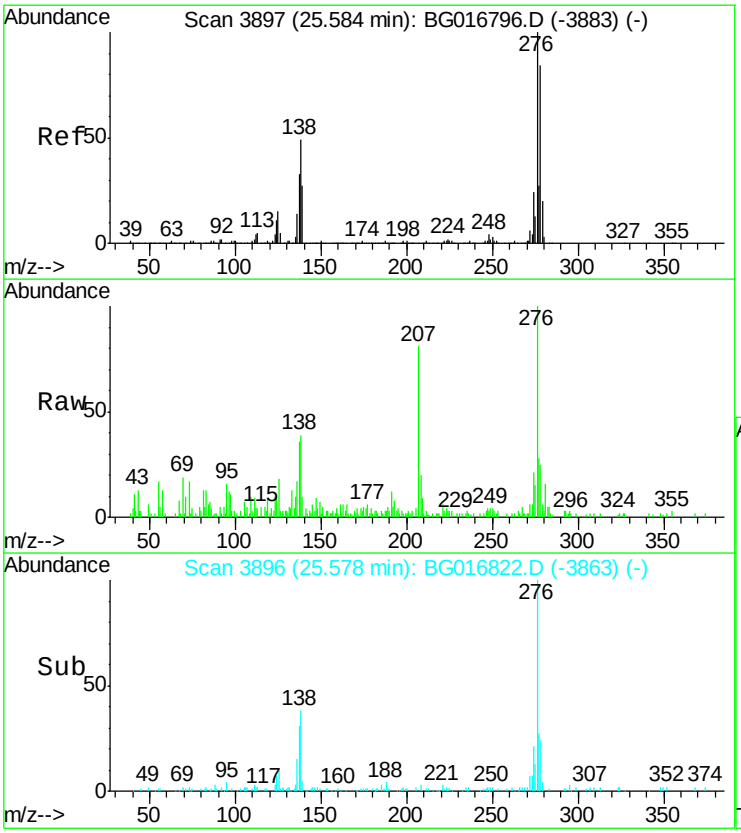
#82
Chrysene
Concen: 4.87 ng
RT: 21.19 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Instrument :
BNA_G
ClientSampleId :
SB2

Tgt Ion:228 Resp: 63068

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.1	37.7
229	19.5	16.1	24.1

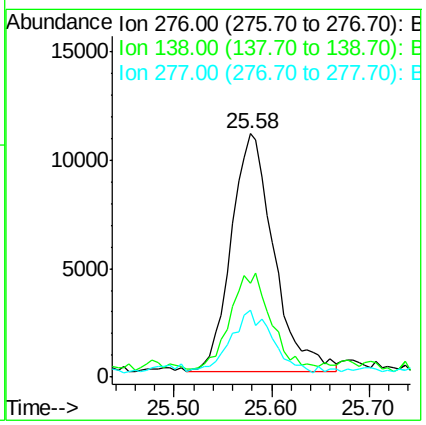


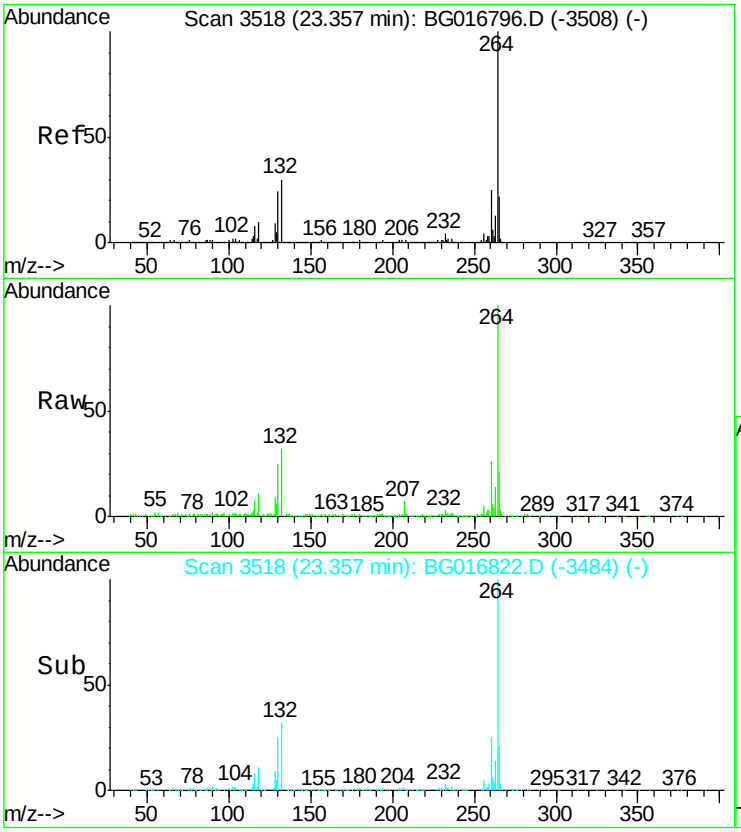


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.27 ng
RT: 25.58 min Scan# 3896
Delta R.T. -0.00 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Tgt Ion:276 Resp: 33471

Ion	Ratio	Lower	Upper
276	100		
138	38.0	37.0	55.6
277	25.2	21.4	32.0



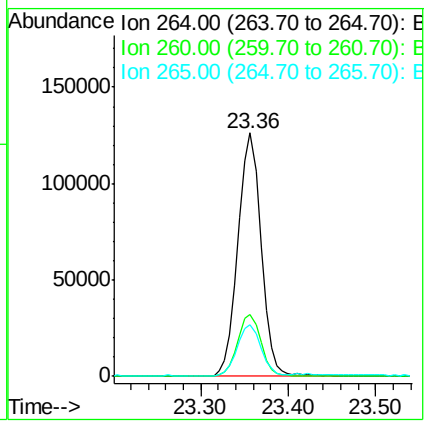


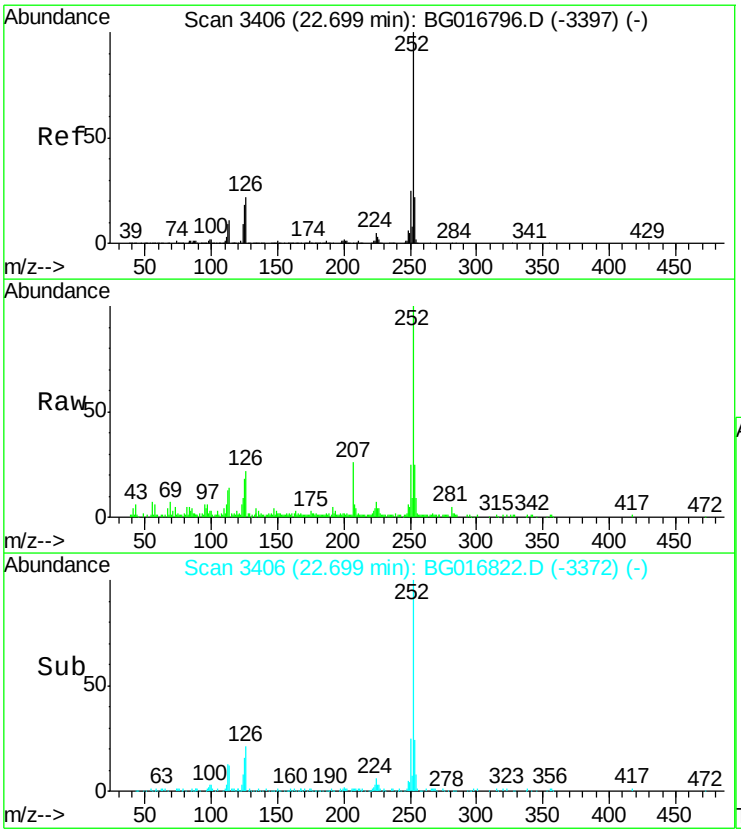
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Instrument :
BNA_G
ClientSampleId :
SB2

Tgt Ion:264 Resp: 226448

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.7	29.5
265	21.3	17.4	26.2

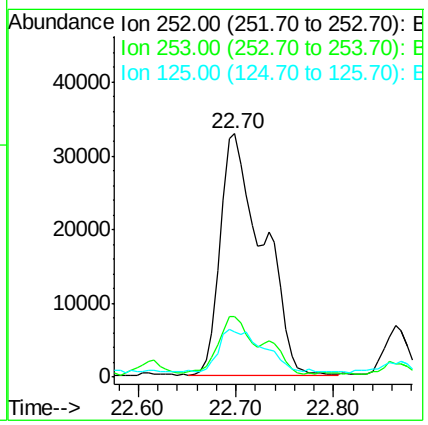


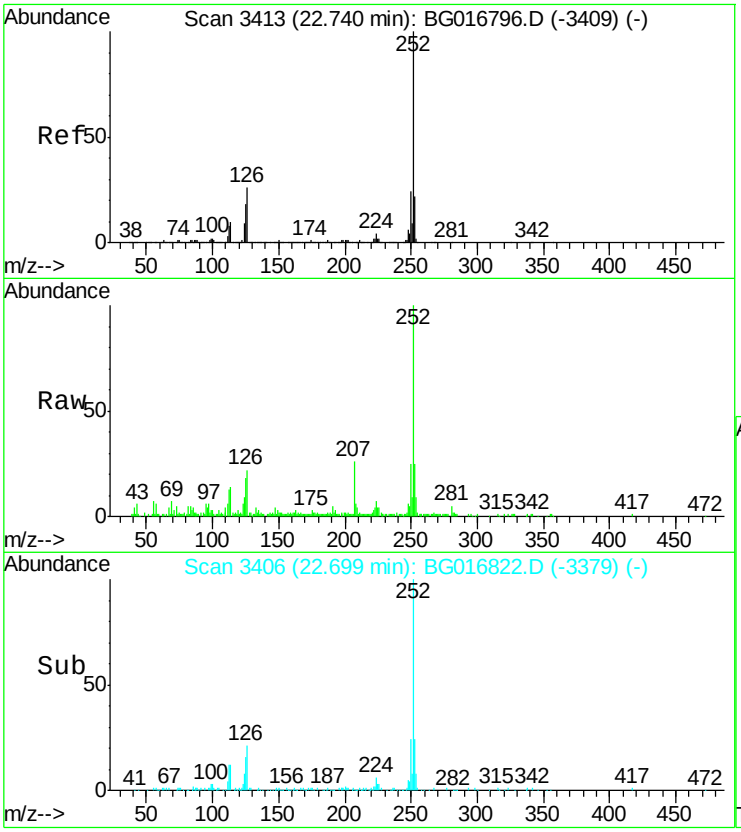


#87
Benzo(b)fluoranthene
Concen: 7.70 ng
RT: 22.70 min Scan# 3406
Delta R.T. 0.00 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Tgt Ion:252 Resp: 99334

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	18.5	14.2	21.2



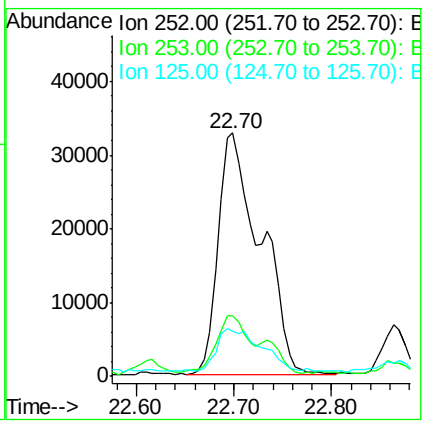


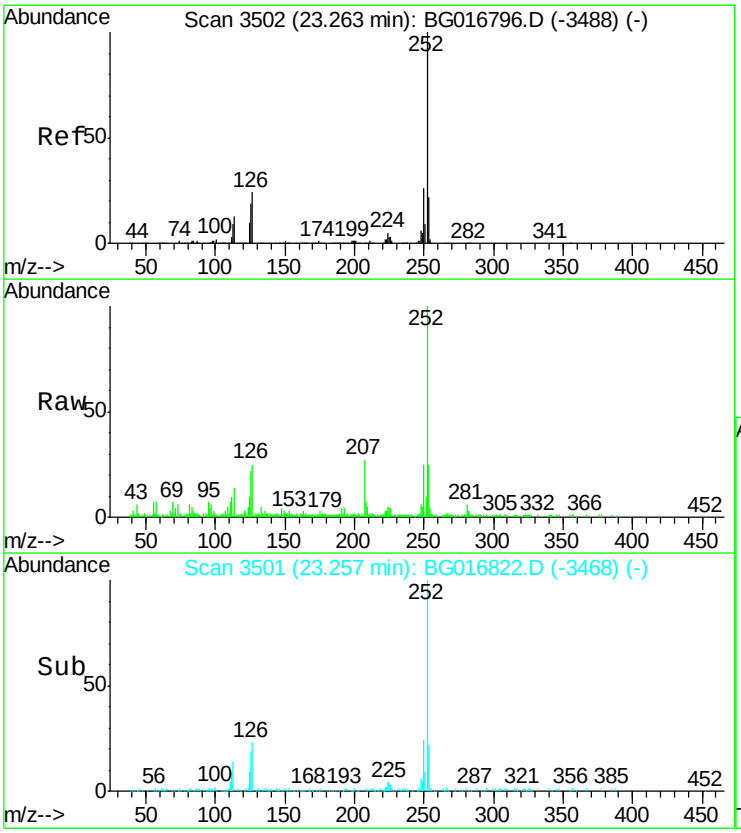
#88
Benzo(k)fluoranthene
Concen: 7.87 ng
RT: 22.70 min Scan# 3406
Delta R.T. -0.04 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Instrument :
BNA_G
ClientSampleId :
SB2

Tgt Ion:252 Resp: 99334

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.7	26.5
125	18.5	14.5	21.7

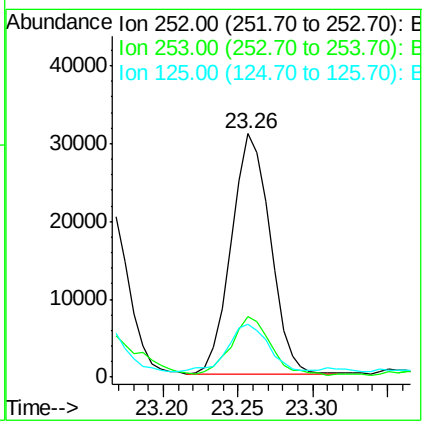


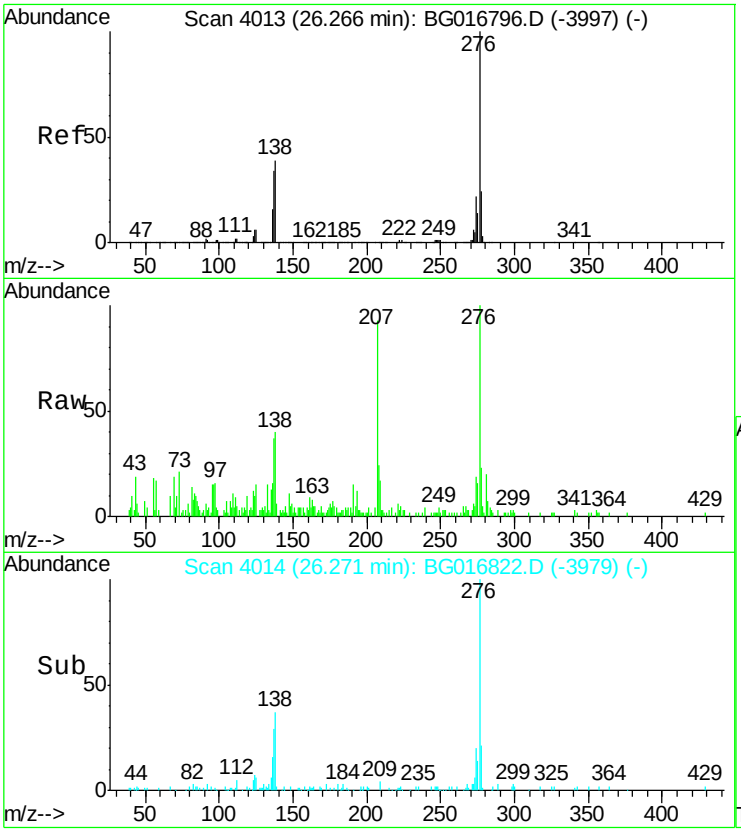


#89
Benzo(a)pyrene
Concen: 4.59 ng
RT: 23.26 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Tgt Ion:252 Resp: 56085

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	21.9	15.0	22.4





#91
Benzo(g,h,i)perylene
Concen: 2.56 ng
RT: 26.27 min Scan# 4014
Delta R.T. 0.01 min
Lab File: BG016822.D
Acq: 30 Apr 2015 6:41

Instrument :
BNA_G
ClientSampleId :
SB2

Tgt Ion:276 Resp: 31692

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.6	29.4
138	39.7	31.0	46.4