Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016386.D
Acq On : 14 Apr 2015 7:46
Operator : TP/IZ
Sample : G1831-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 14 08:31:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 08:18:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	101128	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	445520	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	249122	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	505417	20.00	ng	0.00
75) Chrysene-d12	21.24	240	453563	20.00	ng	0.00
86) Perylene-d12	23.47	264	428670	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	550156	85.86	ng	0.00
7) Phenol-d6	6.86	99	787959	81.91	ng	0.00
23) Nitrobenzene-d5	8.83	82	411723	53.54	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	143311	85.06	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	828381	56.61	ng	0.00
78) Terphenyl-d14	19.69	244	950915	49.07	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.88	94	22416	2.18	ng	98
49) Dimethylphthalate	13.78	163	54769	3.00	ng	100
70) Phenanthrene	17.10	178	73482	2.58	ng	97
74) Fluoranthene	19.12	202	133829	4.57	ng	95
77) Pyrene	19.48	202	115253	3.65	ng	95
80) Benzo(a)anthracene	21.22	228	58978	2.20	ng	97
82) Chrysene	21.27	228	56486	2.18	ng	98
87) Benzo(b)fluoranthene	22.80	252	70481	2.81	ng	98

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

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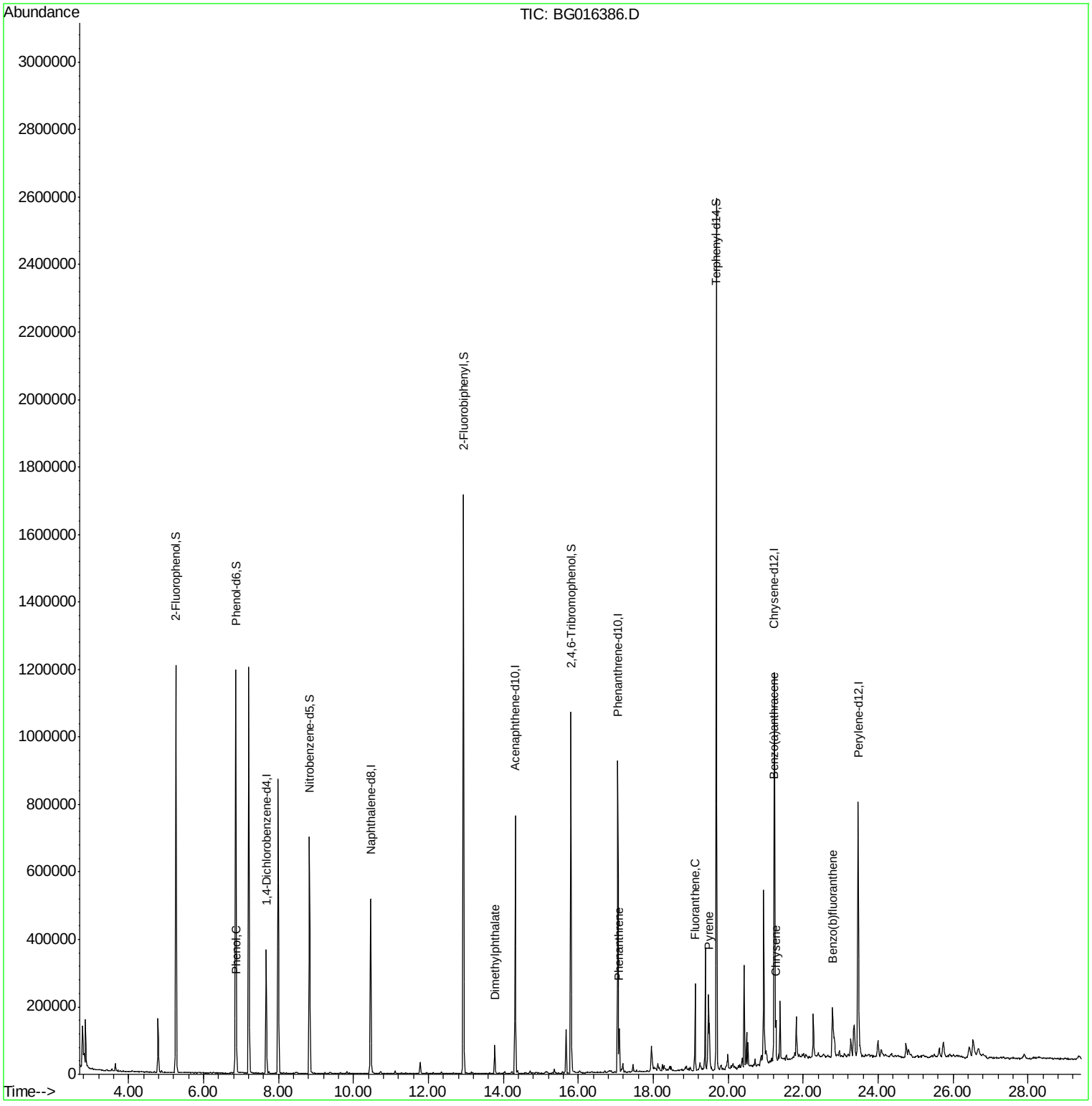
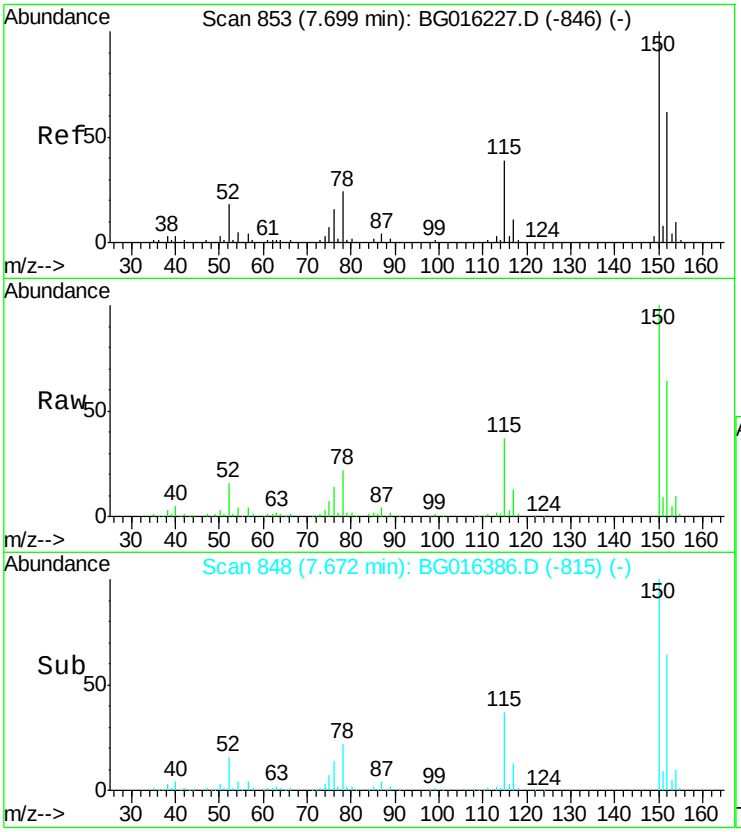


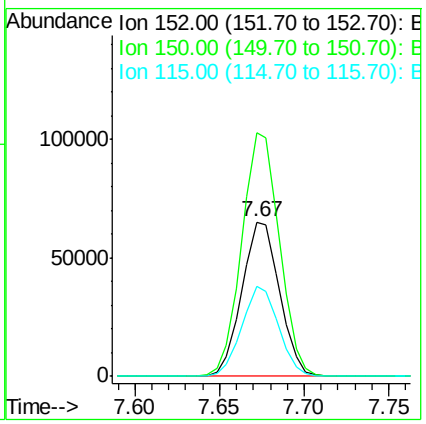


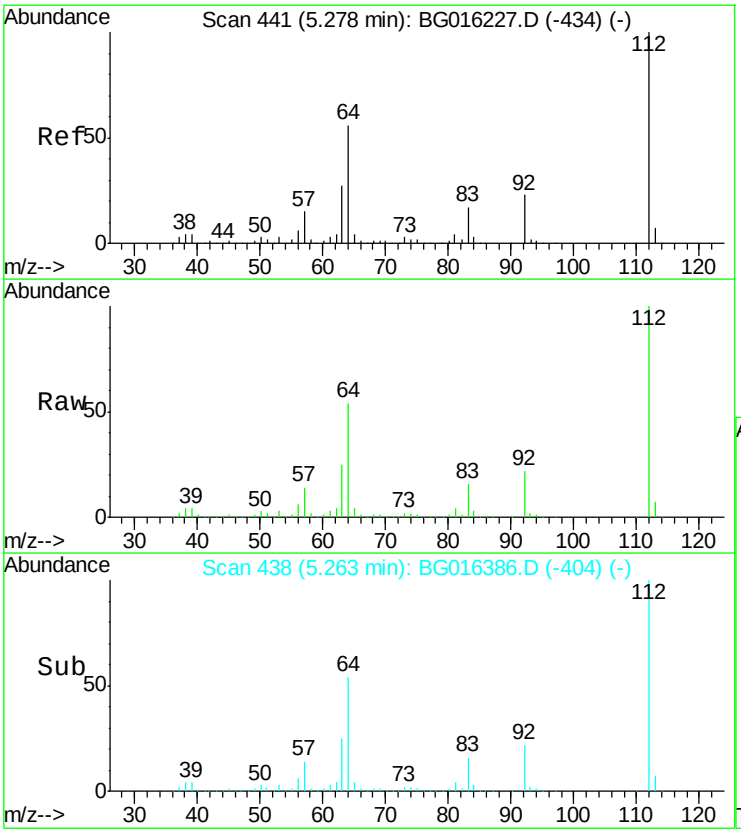
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.67 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 101128

Ion	Ratio	Lower	Upper
152	100		
150	157.4	130.1	195.1
115	58.1	50.5	75.7

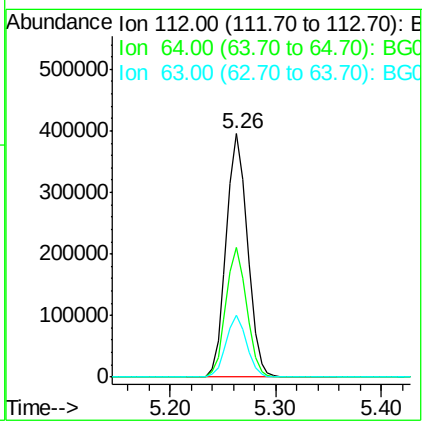


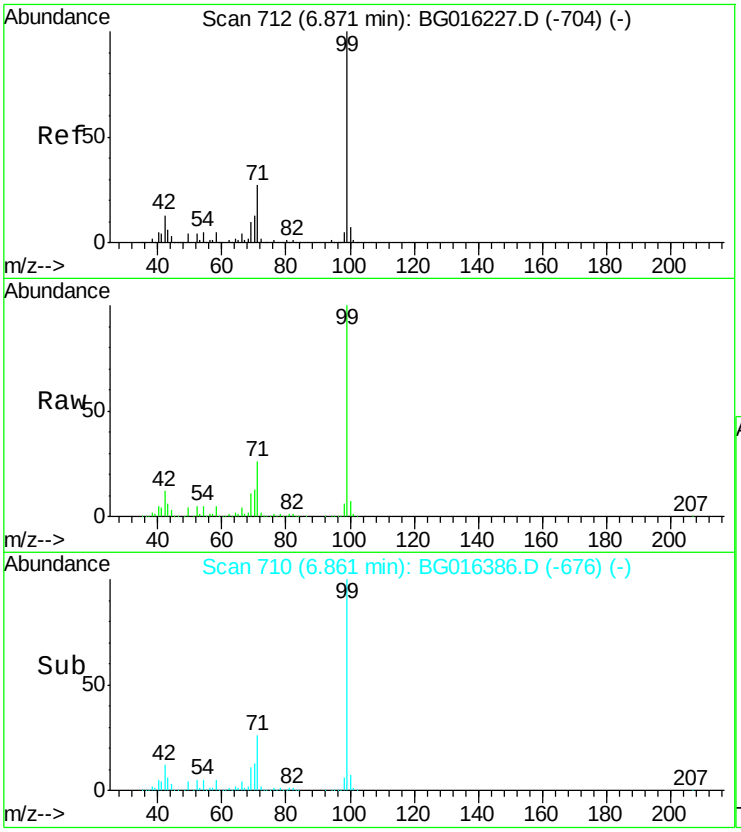


#5
2-Fluorophenol
Concen: 85.86 ng
RT: 5.26 min Scan# 438
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Tgt Ion:112 Resp: 550156

Ion	Ratio	Lower	Upper
112	100		
64	53.5	44.5	66.7
63	25.5	21.4	32.0



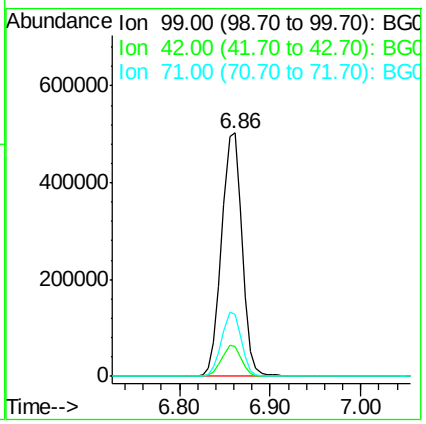


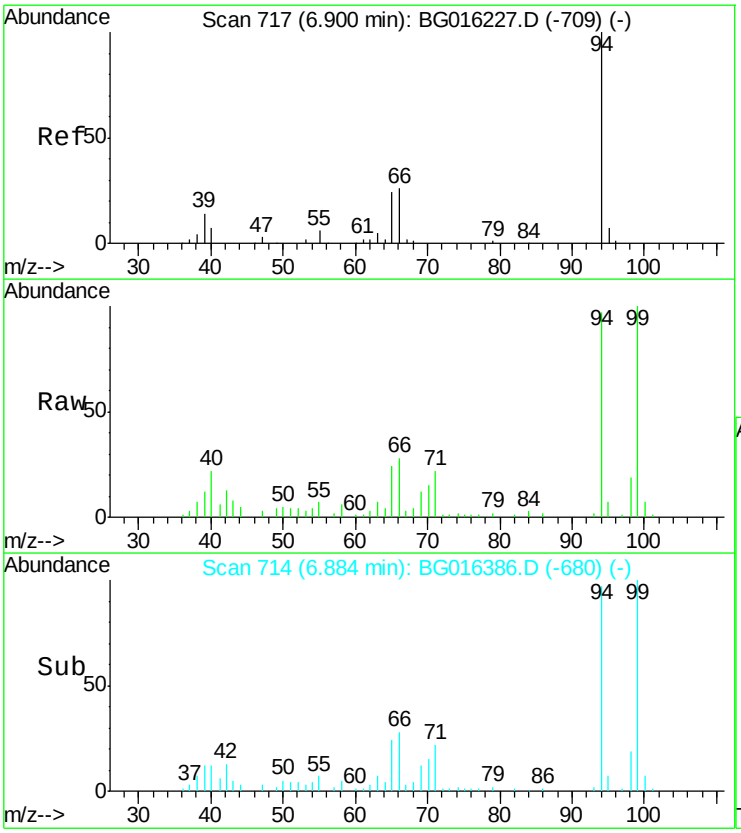
#7
Phenol-d6
Concen: 81.91 ng
RT: 6.86 min Scan# 710
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 787959

Ion	Ratio	Lower	Upper
99	100		
42	12.2	10.0	15.0
71	25.6	21.5	32.3

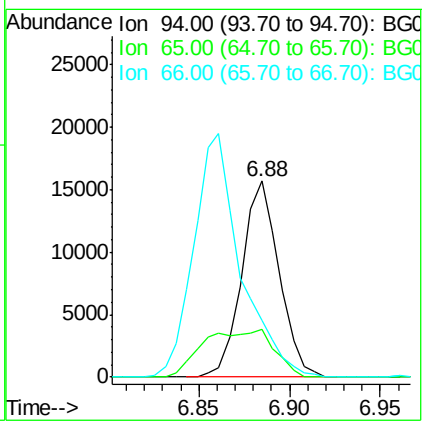


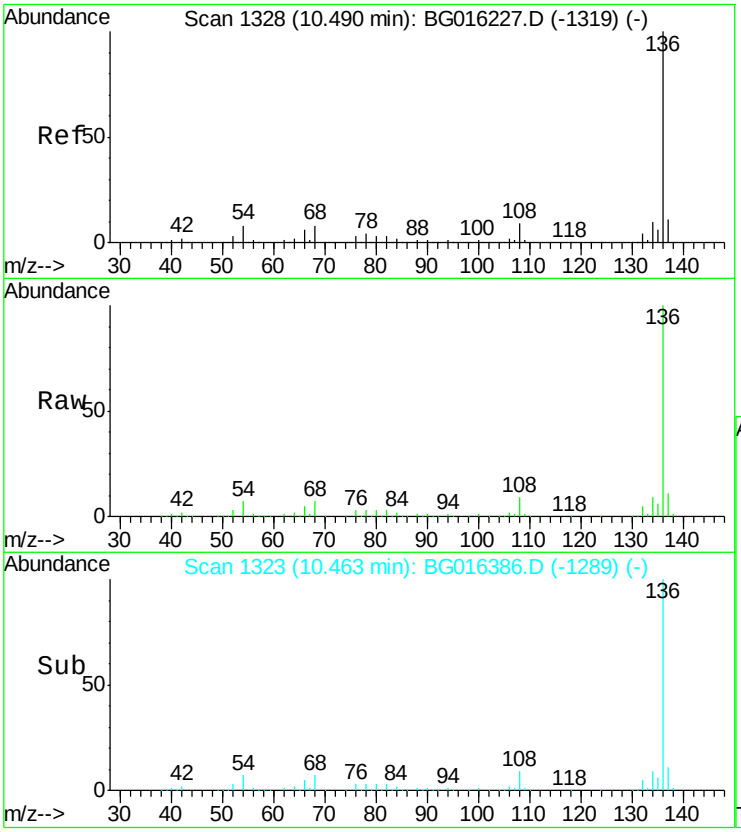


#10
Phenol
Concen: 2.18 ng
RT: 6.88 min Scan# 714
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Tgt Ion: 94 Resp: 22416

Ion	Ratio	Lower	Upper
94	100		
65	24.4	3.8	43.8
66	28.9	7.4	47.4



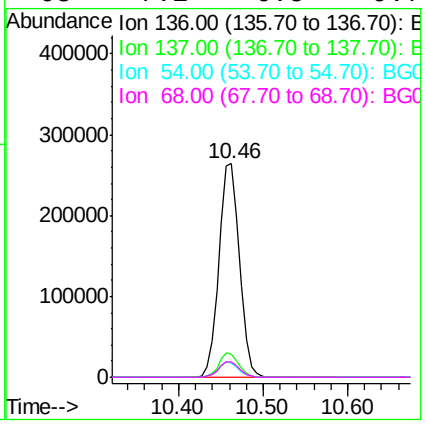


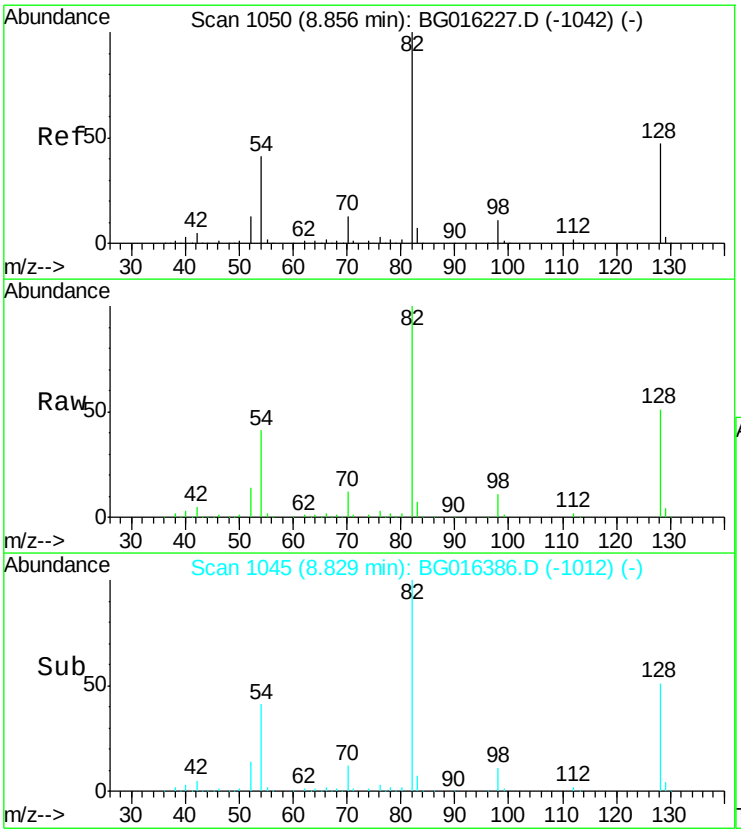
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.46 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 445520

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.7	6.3	9.5
68	7.2	6.5	9.7

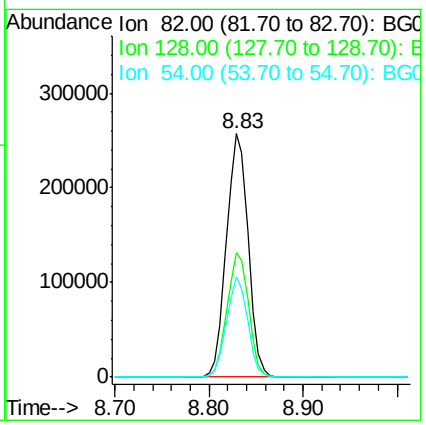


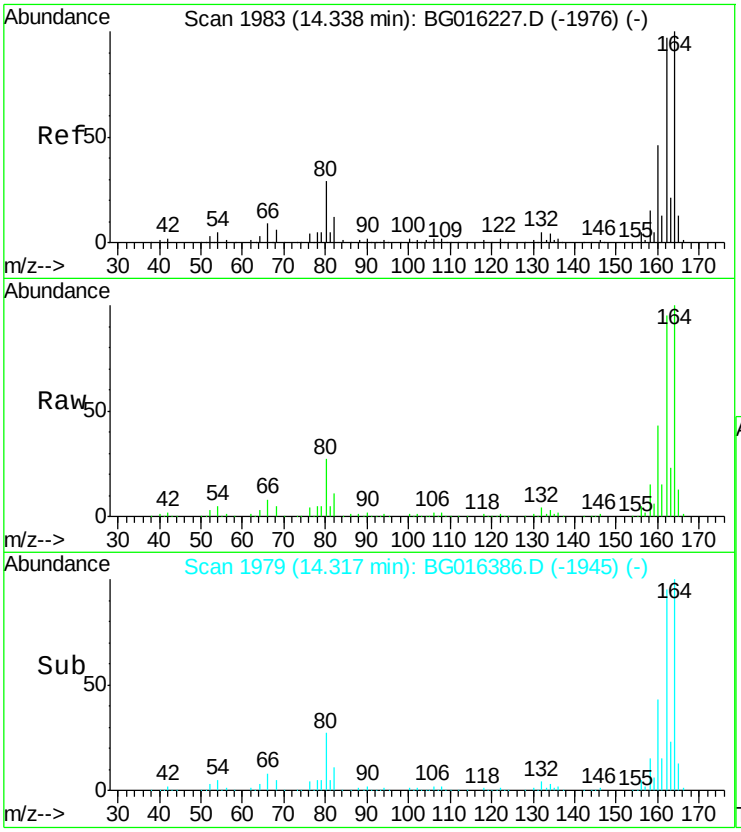


#23
Nitrobenzene-d5
Concen: 53.54 ng
RT: 8.83 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Tgt Ion: 82 Resp: 411723

Ion	Ratio	Lower	Upper
82	100		
128	50.9	37.8	56.8
54	41.1	32.6	49.0



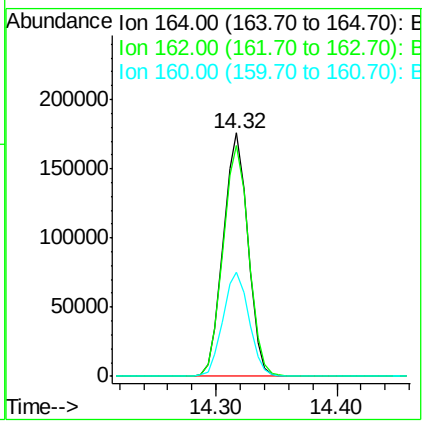


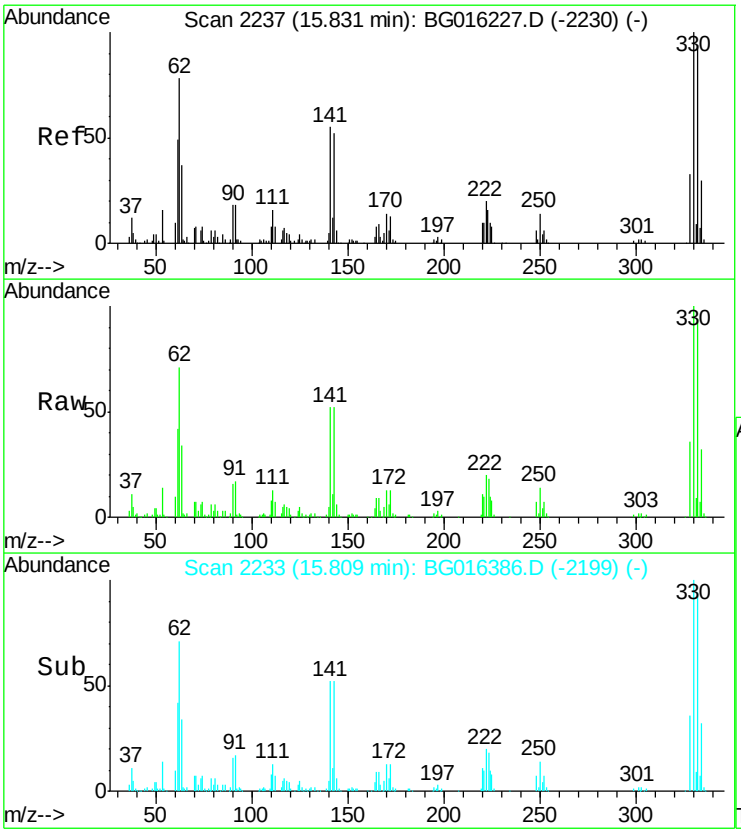
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.32 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 249122

Ion	Ratio	Lower	Upper
164	100		
162	95.1	77.3	115.9
160	42.5	36.7	55.1

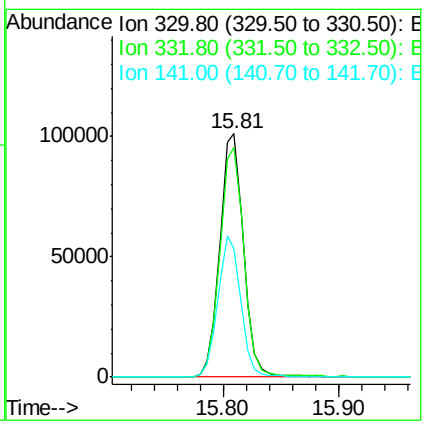


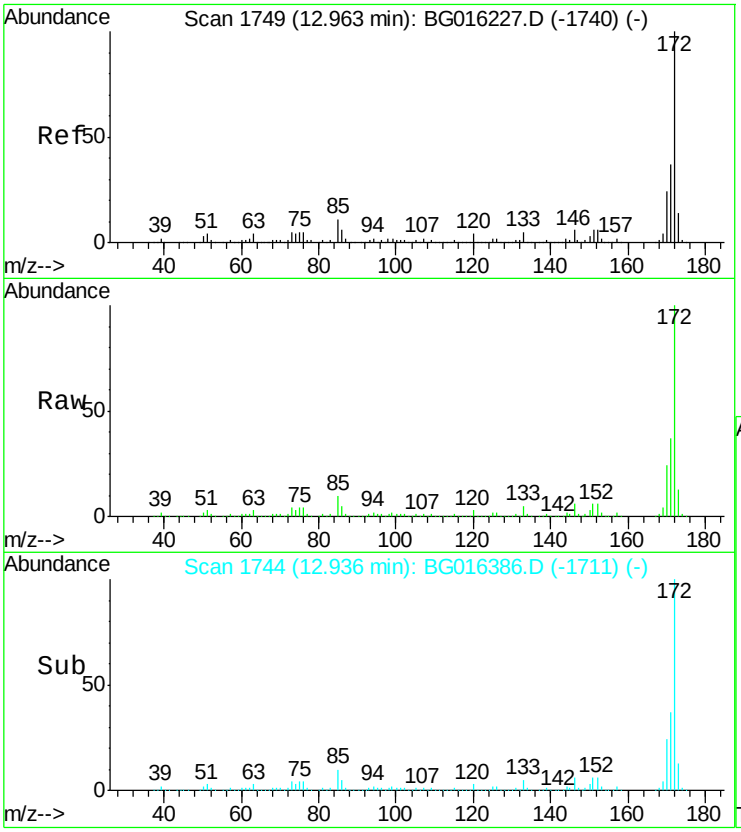


#41
2,4,6-Tribromophenol
Concen: 85.06 ng
RT: 15.81 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Tgt Ion:330 Resp: 143311

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.8	113.6
141	56.2	46.6	69.8



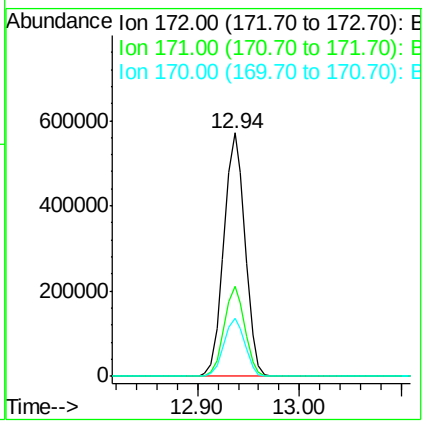


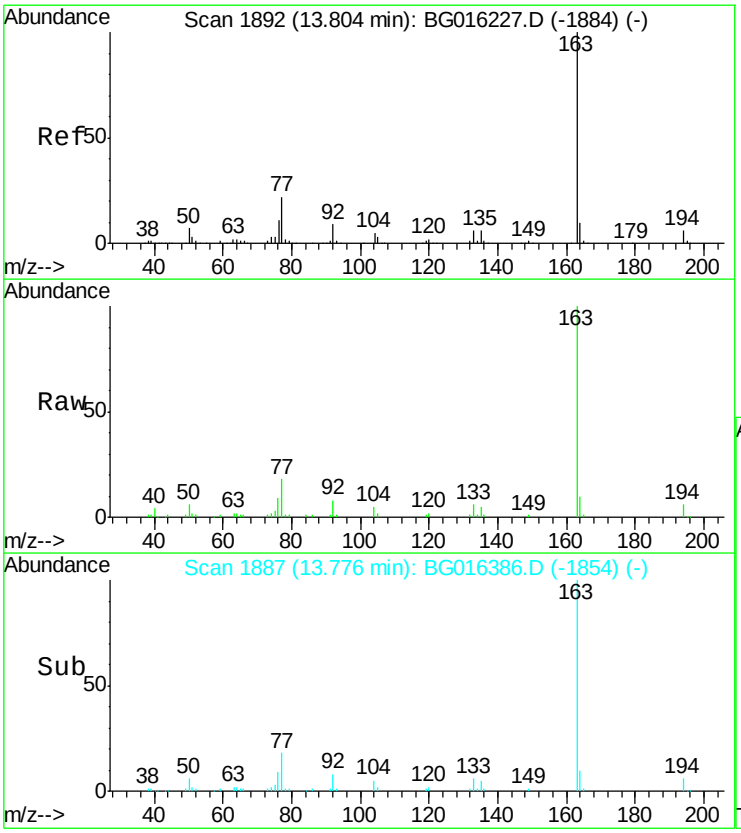
#44
2-Fluorobiphenyl
Concen: 56.61 ng
RT: 12.94 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 828381

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.0	19.4	29.2

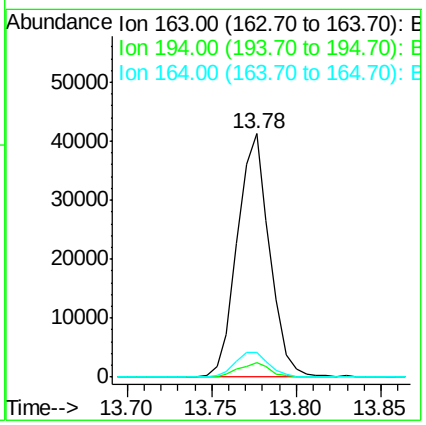


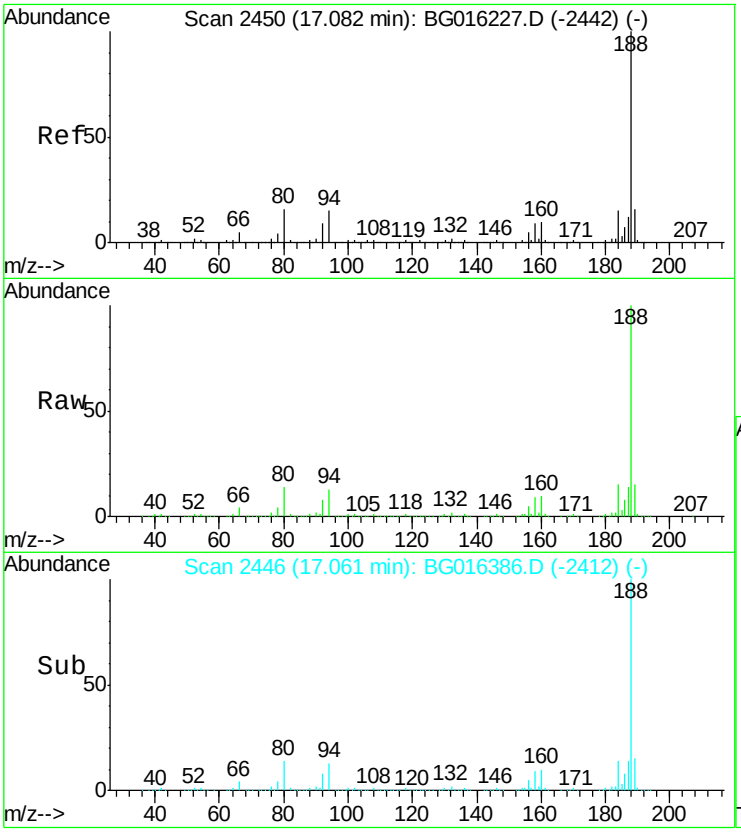


#49
Dimethylphthalate
Concen: 3.00 ng
RT: 13.78 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Tgt Ion:163 Resp: 54769

Ion	Ratio	Lower	Upper
163	100		
194	6.0	5.0	7.4
164	10.2	8.2	12.4



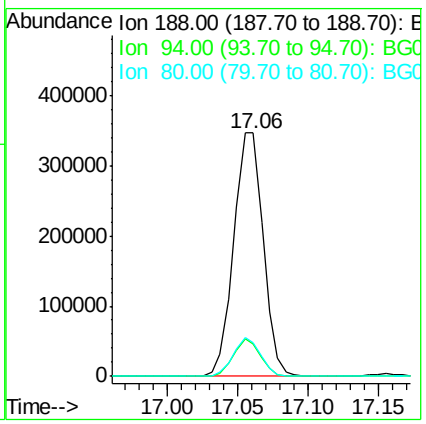


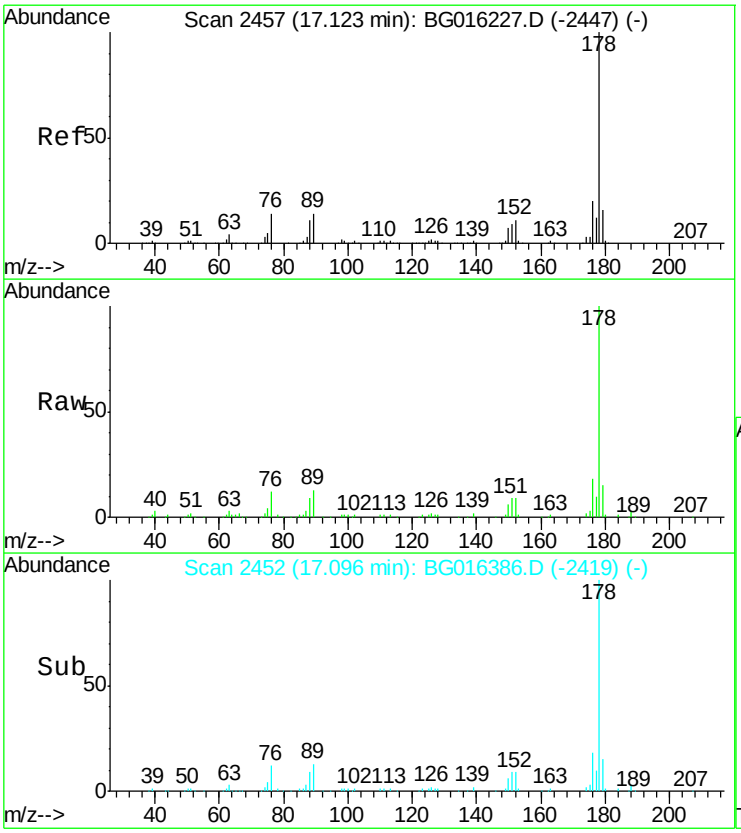
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.06 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 505417

Ion	Ratio	Lower	Upper
188	100		
94	13.5	12.2	18.4
80	14.0	12.8	19.2

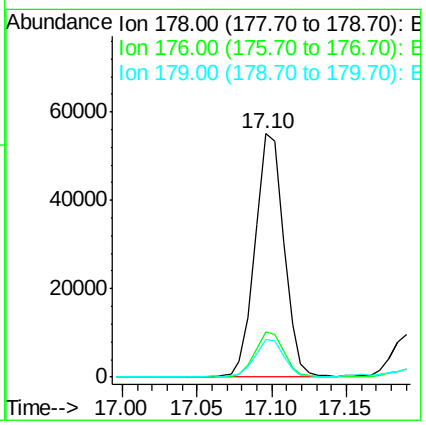


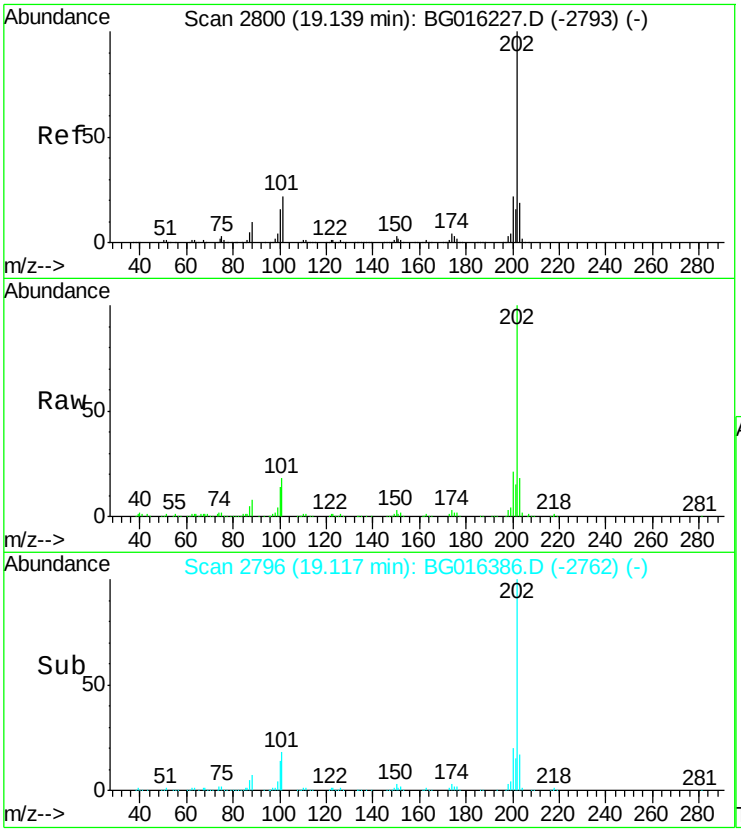


#70
Phenanthrene
Concen: 2.58 ng
RT: 17.10 min Scan# 2452
Delta R.T. -0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Tgt Ion:178 Resp: 73482

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.2	24.4
179	15.3	12.7	19.1



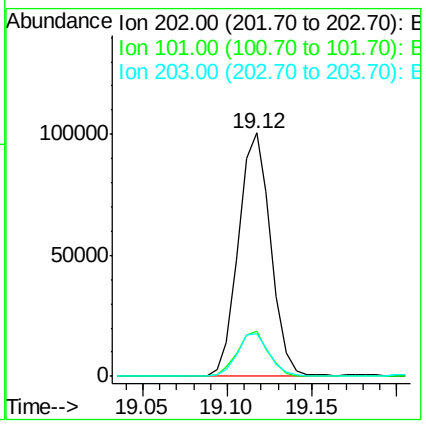


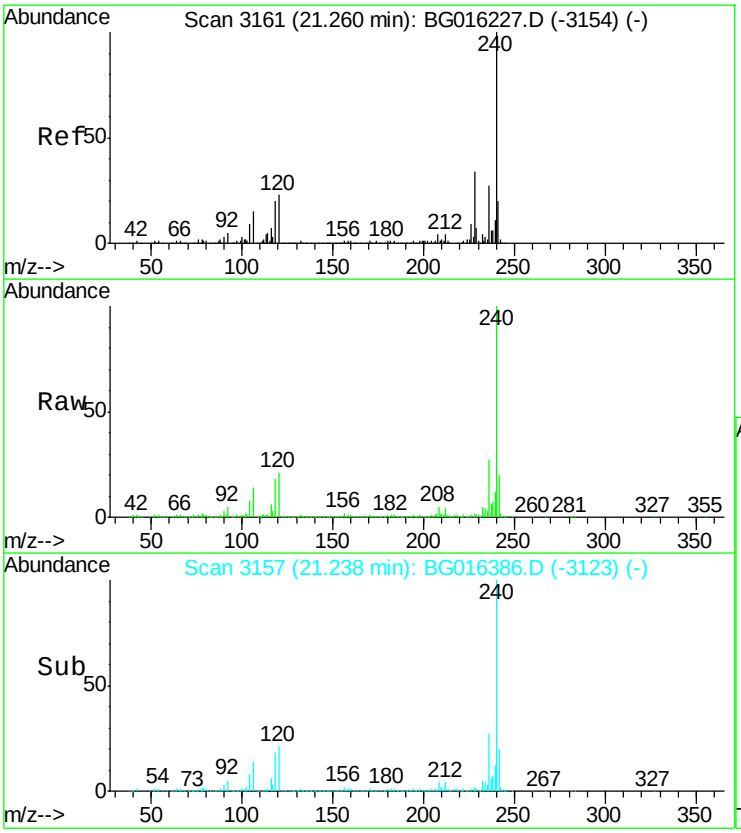
#74
Fluoranthene
Concen: 4.57 ng
RT: 19.12 min Scan# 2796
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 133829

Ion	Ratio	Lower	Upper
202	100		
101	18.3	1.7	41.7
203	17.6	0.0	38.7

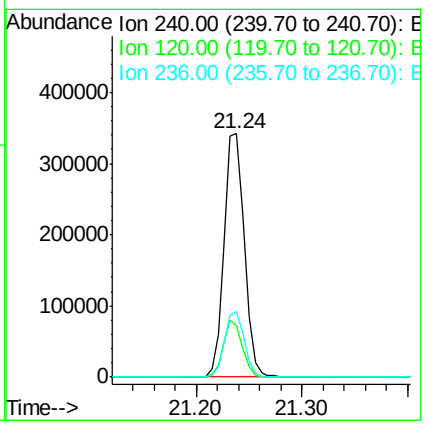


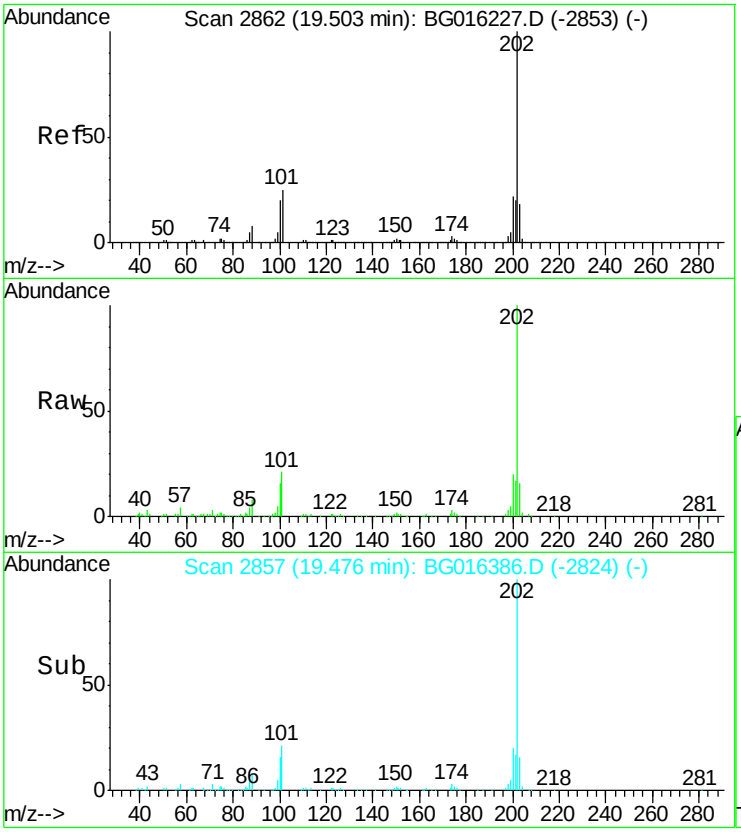


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.24 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Tgt Ion:240 Resp: 453563

Ion	Ratio	Lower	Upper
240	100		
120	21.1	18.6	28.0
236	27.2	21.7	32.5



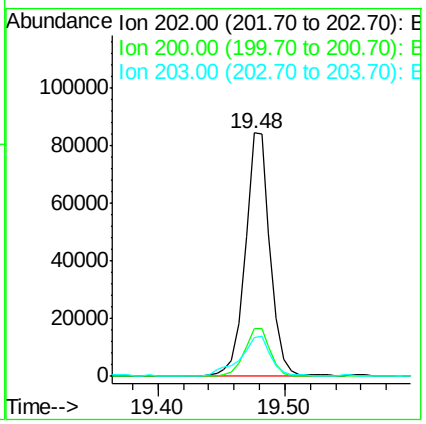


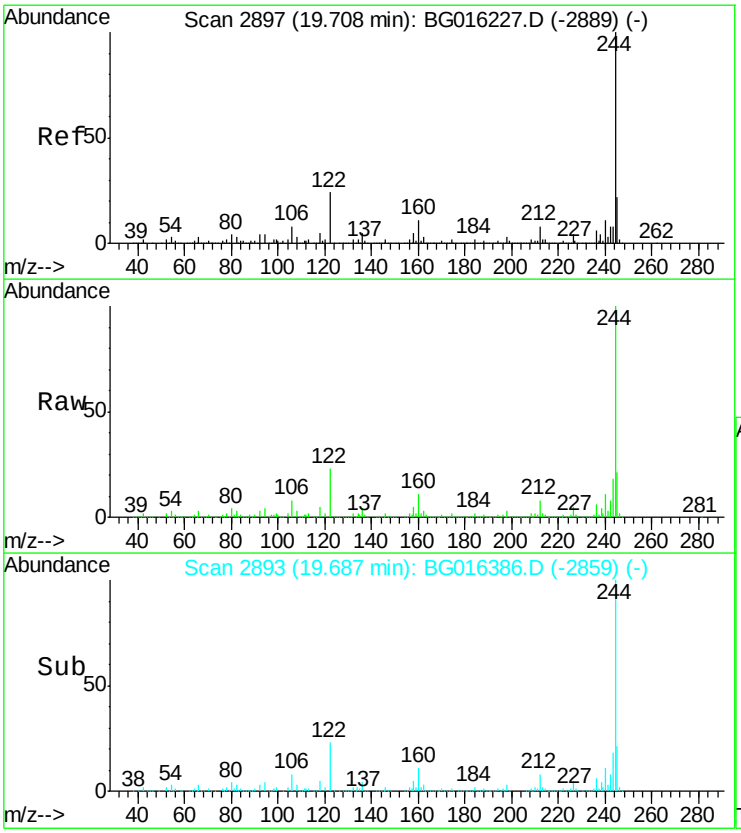
#77
Pyrene
Concen: 3.65 ng
RT: 19.48 min Scan# 2857
Delta R.T. -0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 115253

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.8	26.8
203	15.9	14.7	22.1

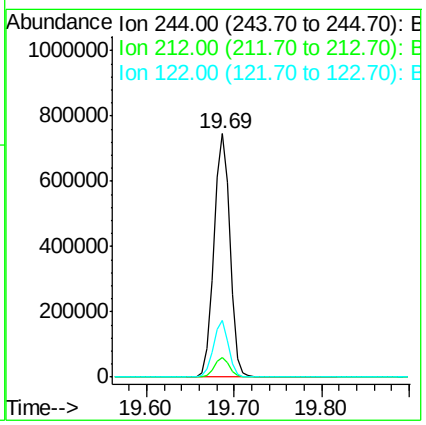


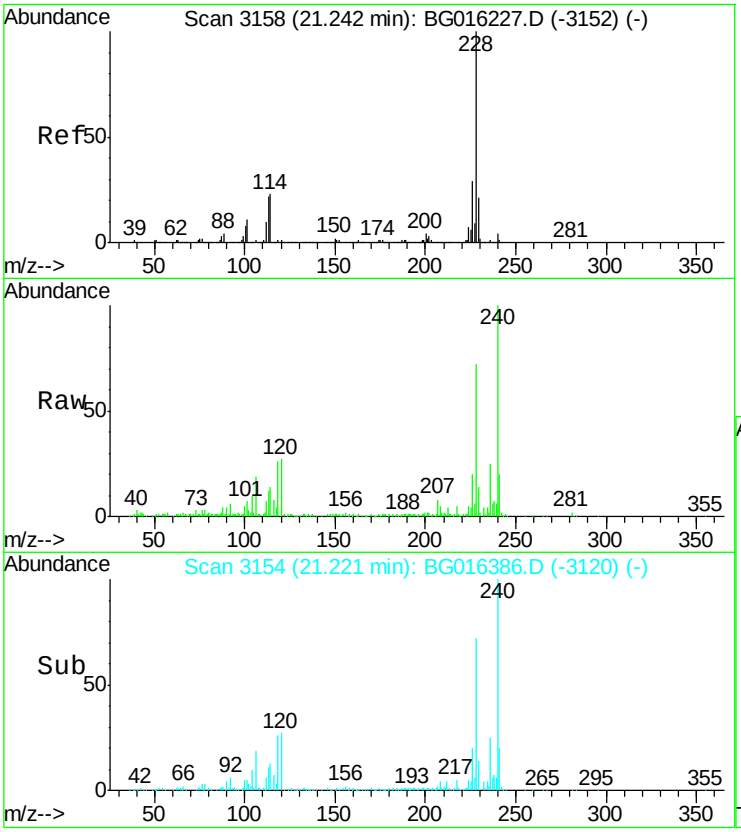


#78
Terphenyl-d14
Concen: 49.07 ng
RT: 19.69 min Scan# 2893
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Tgt Ion:244 Resp: 950915

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	23.1	19.1	28.7



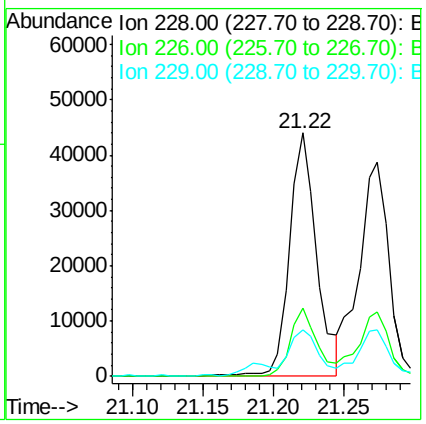


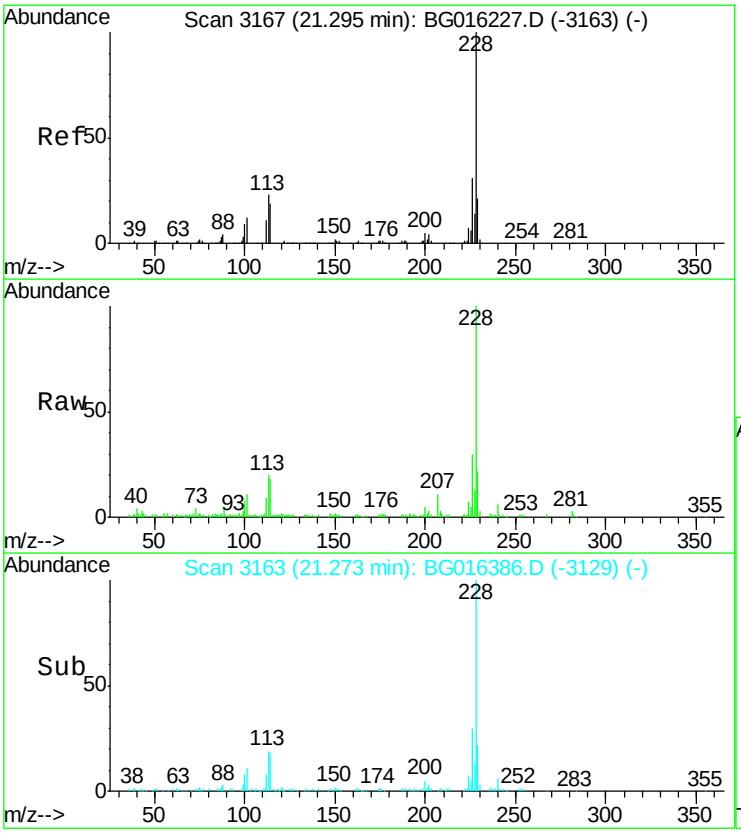
#80
Benzo(a)anthracene
Concen: 2.20 ng
RT: 21.22 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 58978

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.5	35.3
229	19.3	16.8	25.2

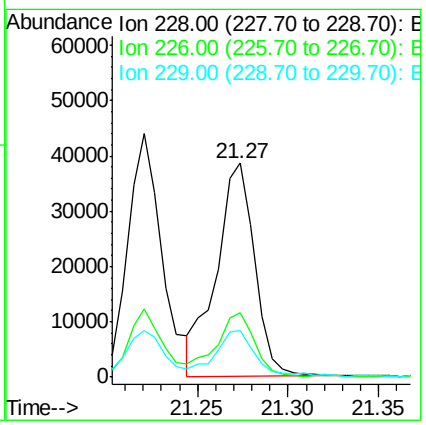


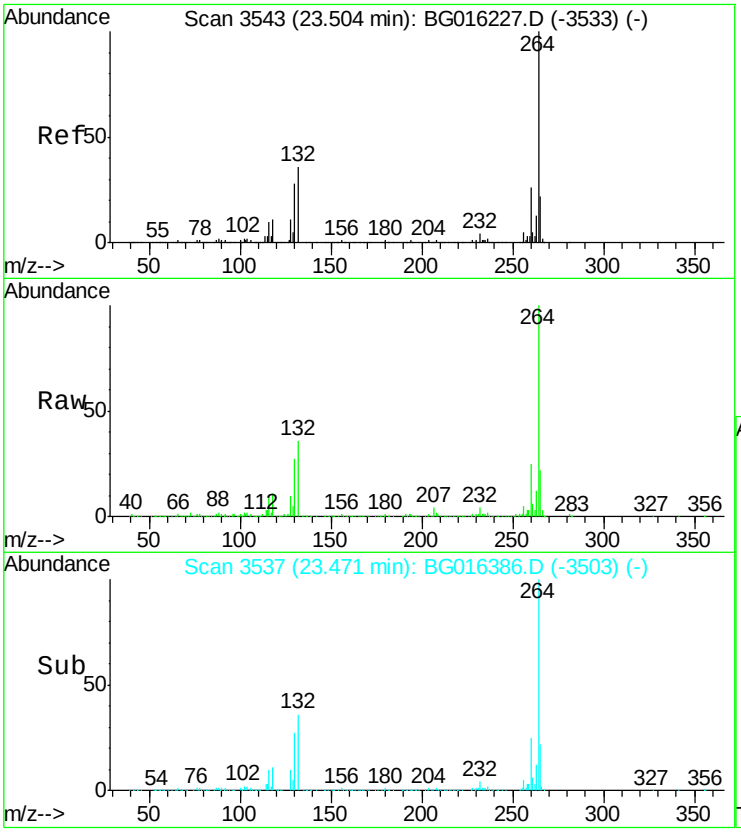


#82
Chrysene
Concen: 2.18 ng
RT: 21.27 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Tgt Ion:228 Resp: 56486

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.4
229	21.6	17.0	25.4



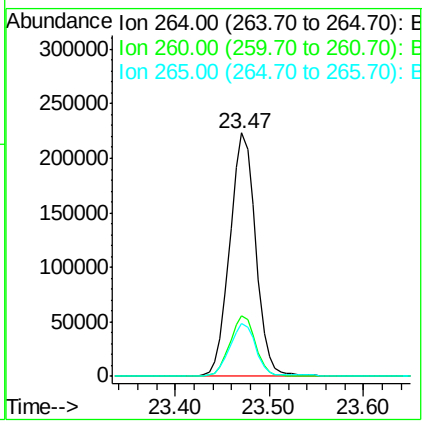


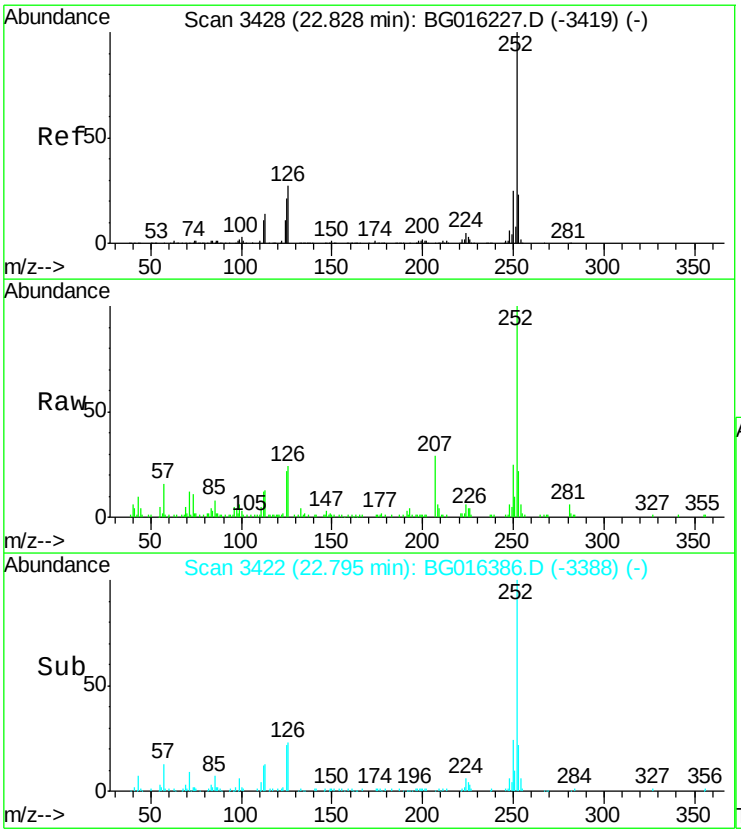
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.47 min Scan# 3537
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 428670

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.4	30.6
265	21.7	17.2	25.8





#87
Benzo(b)fluoranthene
Concen: 2.81 ng
RT: 22.80 min Scan# 3422
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Tgt Ion:252 Resp: 70481

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	22.2	17.0	25.6