Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016752.D
Acq On : 28 Apr 2015 4:35
Operator : TP/IZ
Sample : G1992-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC01

Quant Time: Apr 28 05:48:02 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 01:49:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	61625	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	272599	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	162461	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	325726	20.00	ng	0.00
75) Chrysene-d12	21.16	240	295263	20.00	ng	0.00
86) Perylene-d12	23.35	264	284218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	368436	97.02	ng	0.00
7) Phenol-d6	6.77	99	512634	96.22	ng	0.00
23) Nitrobenzene-d5	8.73	82	257730	59.74	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	126329	104.82	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	651895	64.47	ng	0.00
78) Terphenyl-d14	19.61	244	737023	57.50	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.69	163	59095	4.86	ng	98
70) Phenanthrene	17.01	178	69572	3.72	ng	98
74) Fluoranthene	19.04	202	123211	6.21	ng	95
77) Pyrene	19.40	202	141209	6.81	ng	97
80) Benzo(a)anthracene	21.15	228	60936	3.40	ng	97
82) Chrysene	21.19	228	70568	4.11	ng	97
87) Benzo(b)fluoranthene	22.70	252	86257m	5.00	ng	
89) Benzo(a)pyrene	23.26	252	58964	3.62	ng	97
91) Benzo(g,h,i)perylene	26.26	276	35073	2.18	ng	93

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

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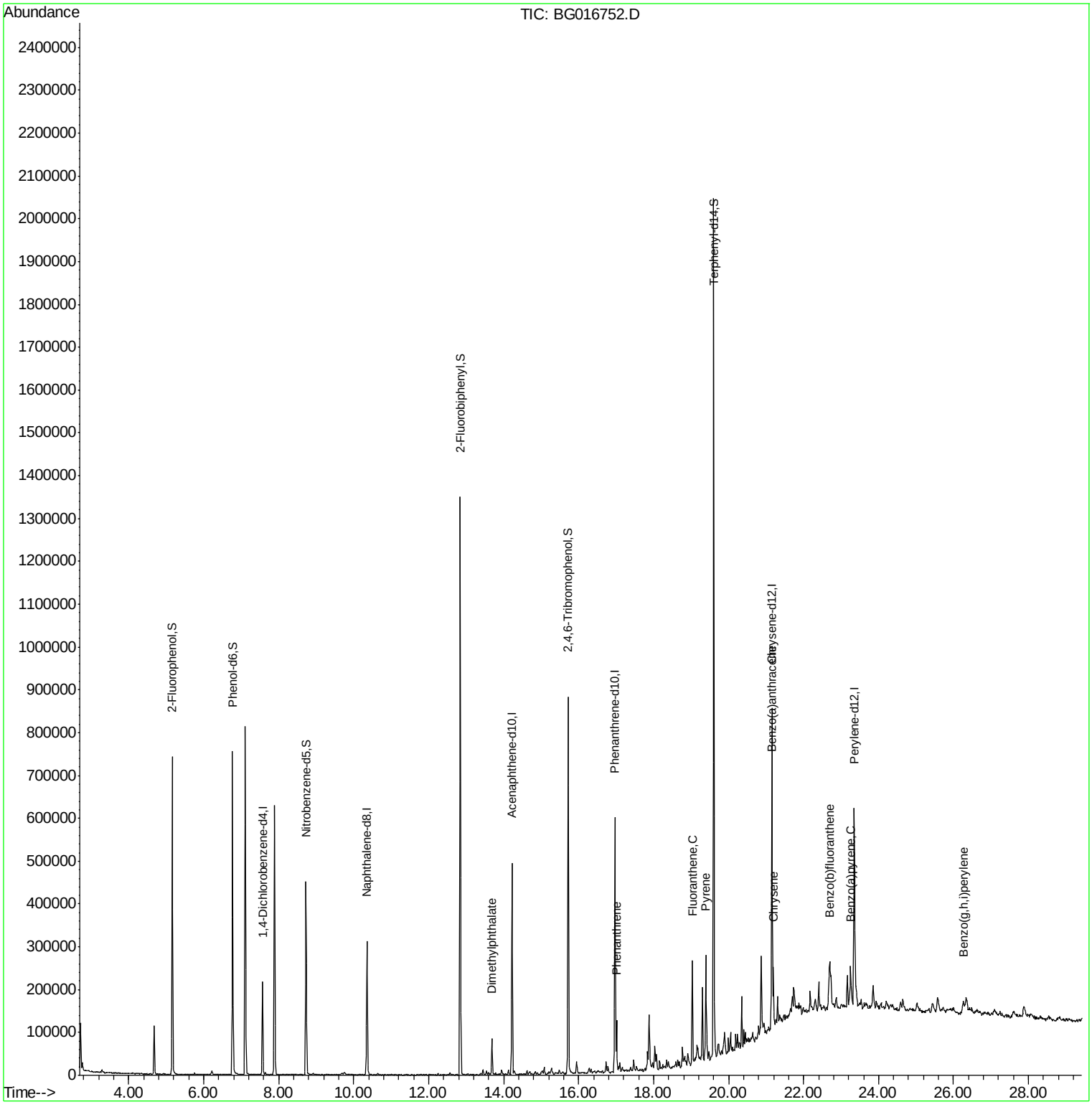
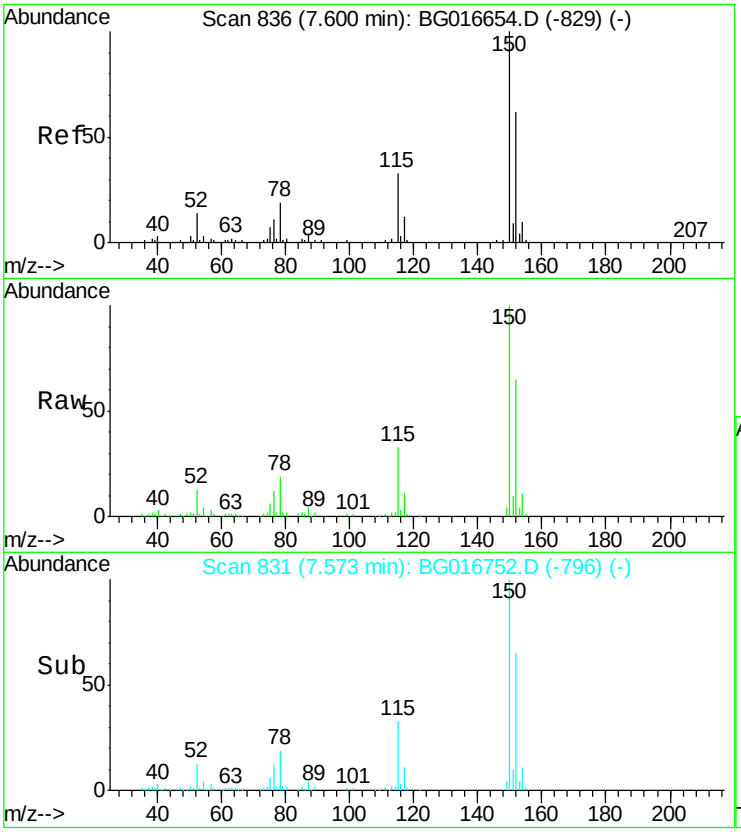


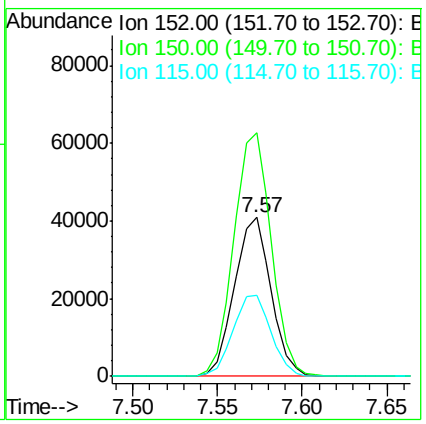


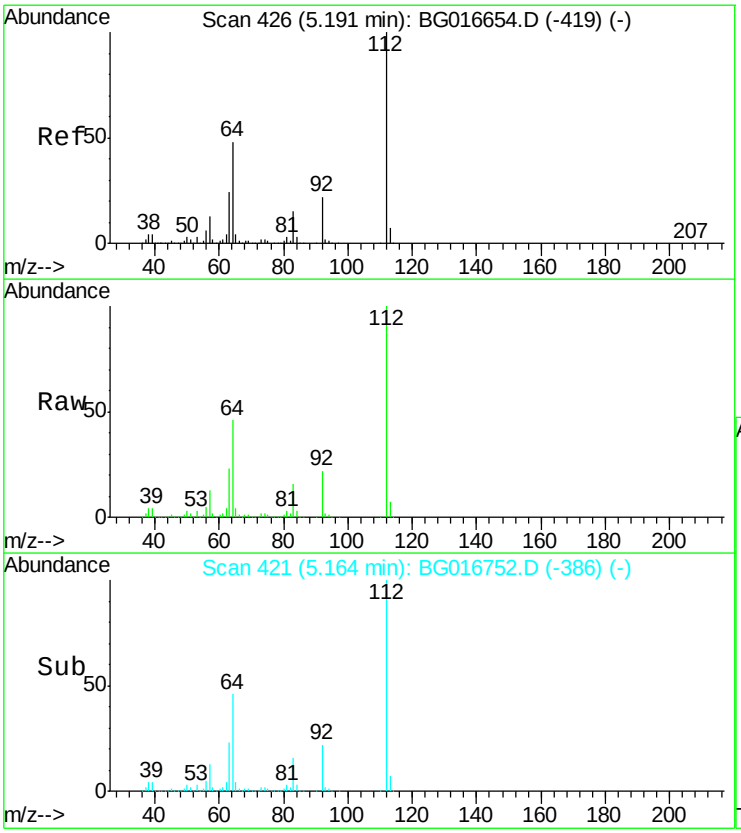
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.57 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Instrument :
BNA_G
ClientSampleId :
TEC01

Tgt Ion:152 Resp: 61625

Ion	Ratio	Lower	Upper
152	100		
150	153.1	129.6	194.4
115	51.3	43.0	64.6

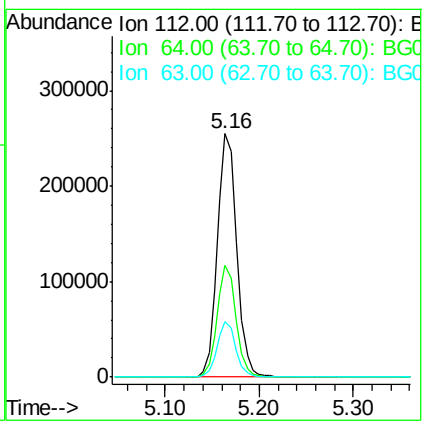


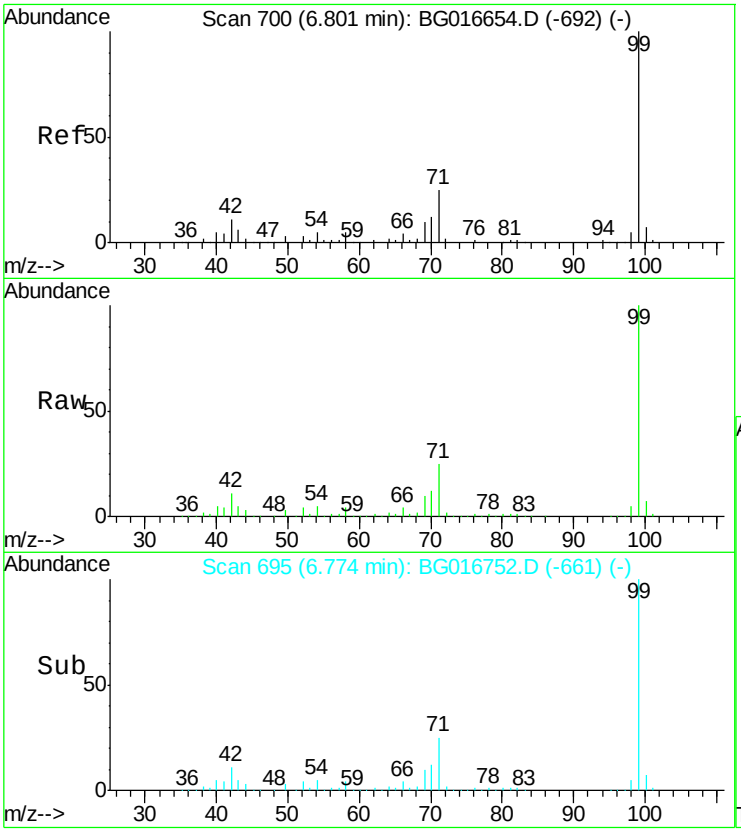


#5
2-Fluorophenol
Concen: 97.02 ng
RT: 5.16 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Tgt Ion:112 Resp: 368436

Ion	Ratio	Lower	Upper
112	100		
64	46.1	38.3	57.5
63	22.8	18.9	28.3



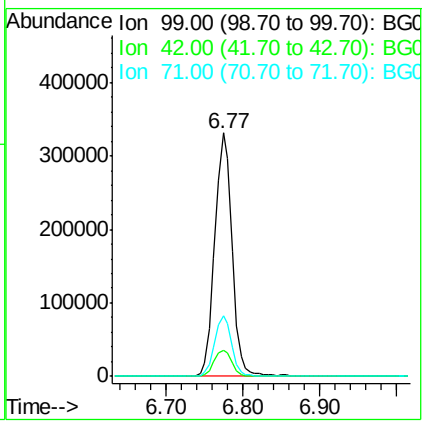


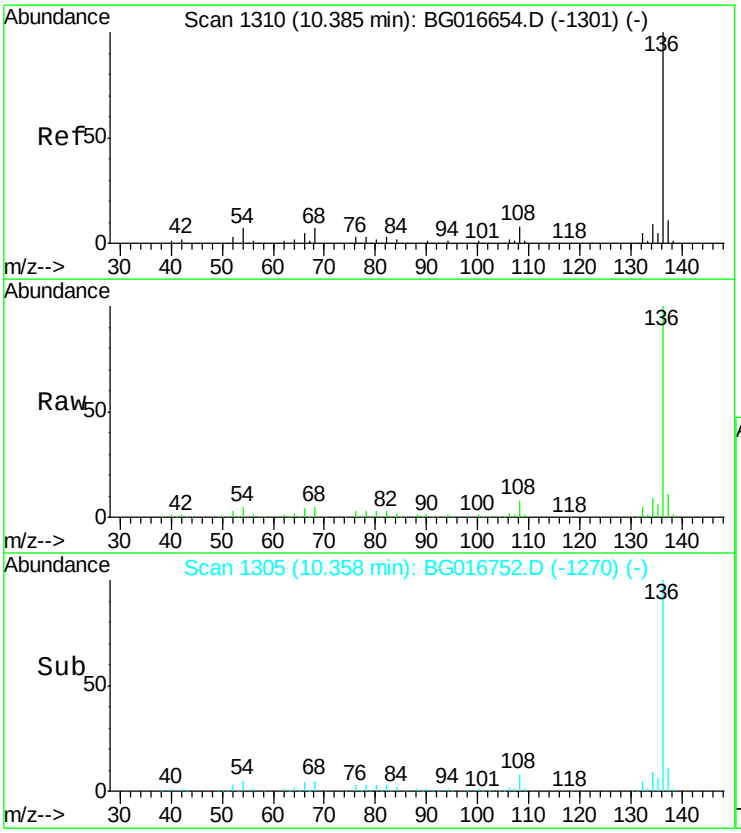
#7
Phenol-d6
Concen: 96.22 ng
RT: 6.77 min Scan# 695
Delta R.T. -0.00 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Instrument :
BNA_G
ClientSampleId :
TEC01

Tgt Ion: 99 Resp: 512634

Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.8	13.2
71	25.1	19.9	29.9

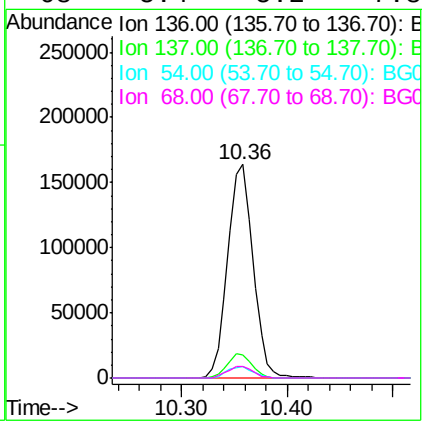


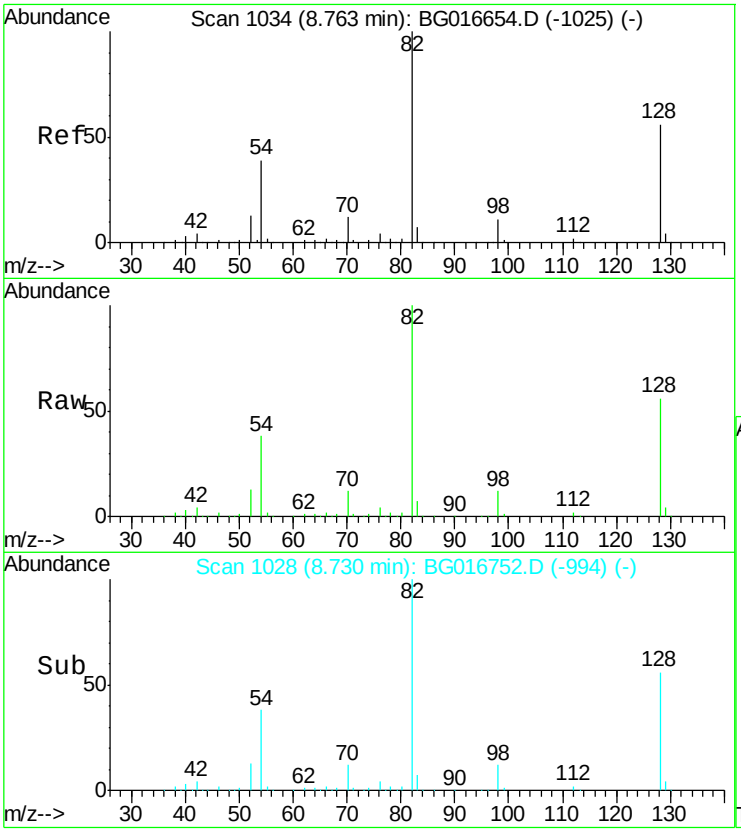


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.36 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Tgt Ion:136 Resp: 272599

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	5.5	5.4	8.2
68	5.4	5.2	7.8



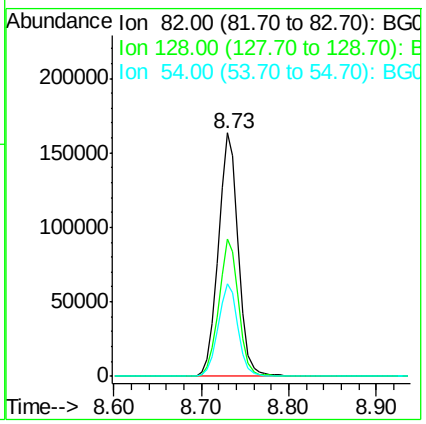


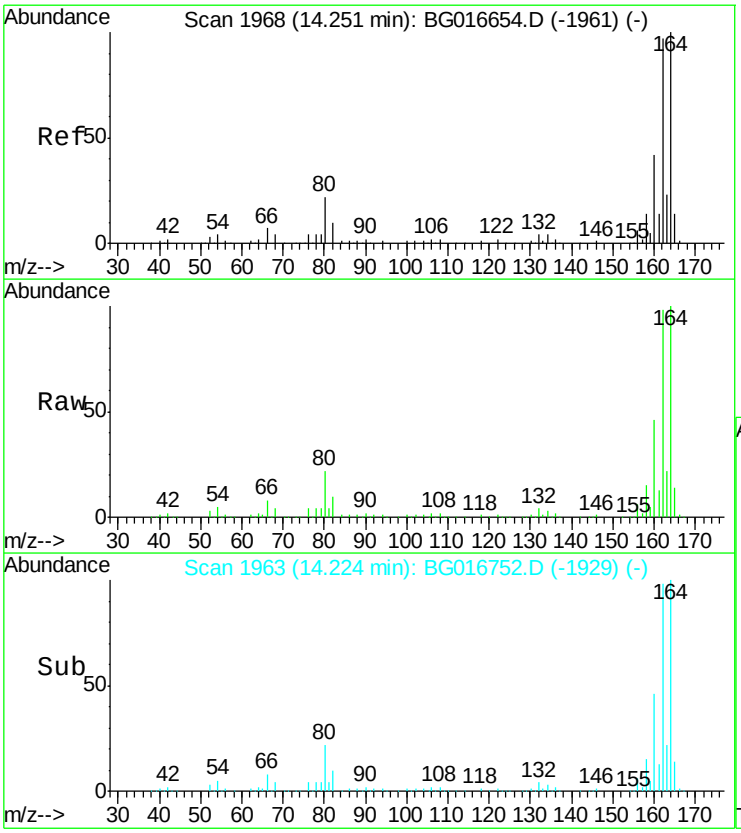
#23
Nitrobenzene-d5
Concen: 59.74 ng
RT: 8.73 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Instrument :
BNA_G
ClientSampleId :
TEC01

Tgt Ion: 82 Resp: 257730

Ion	Ratio	Lower	Upper
82	100		
128	56.4	44.7	67.1
54	38.1	30.9	46.3

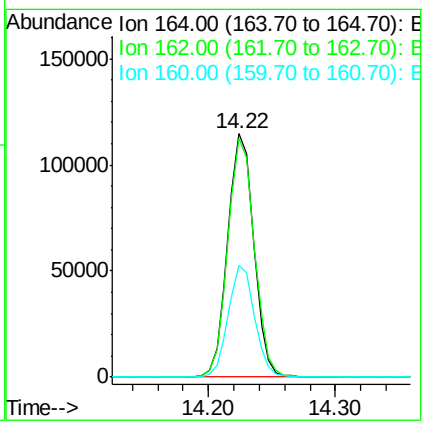


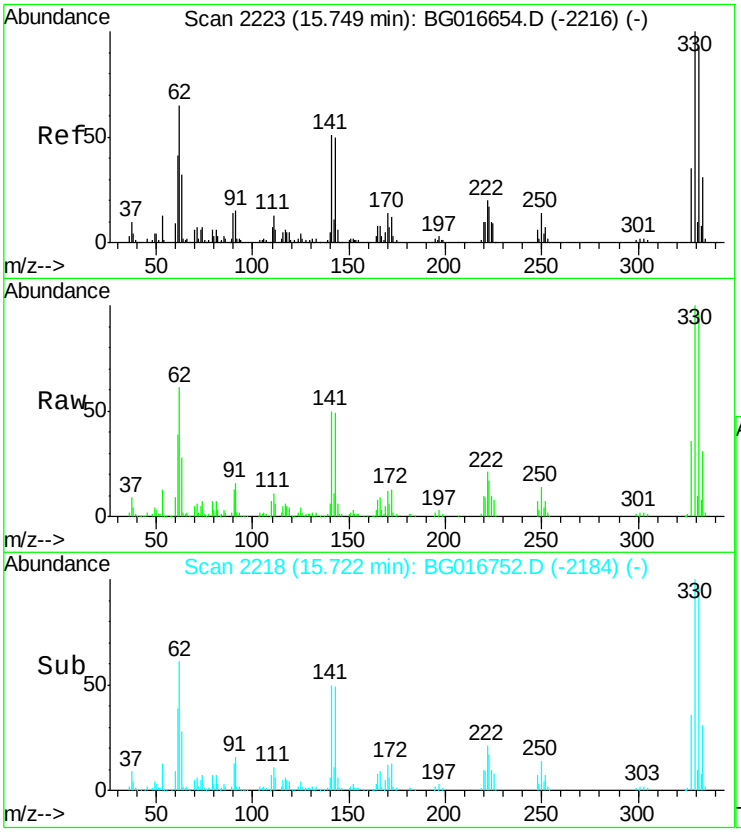


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.22 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Tgt Ion:164 Resp: 162461

Ion	Ratio	Lower	Upper
164	100		
162	98.0	77.3	115.9
160	45.8	33.7	50.5



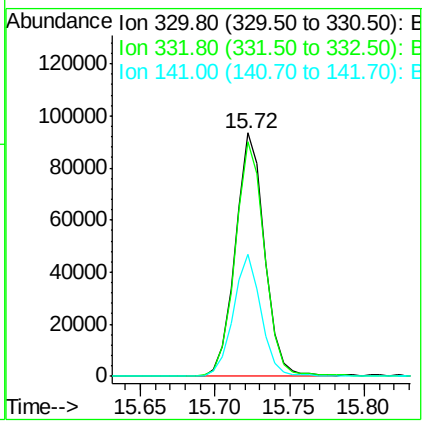


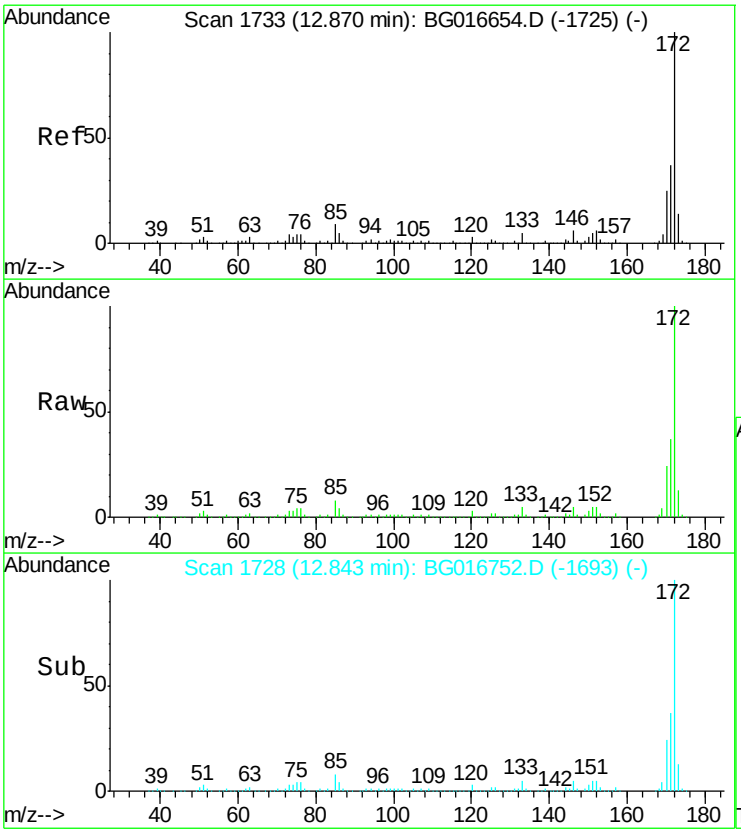
#41
2,4,6-Tribromophenol
Concen: 104.82 ng
RT: 15.72 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Instrument :
BNA_G
ClientSampleId :
TEC01

Tgt Ion:330 Resp: 126329

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.2	114.4
141	48.6	43.0	64.6

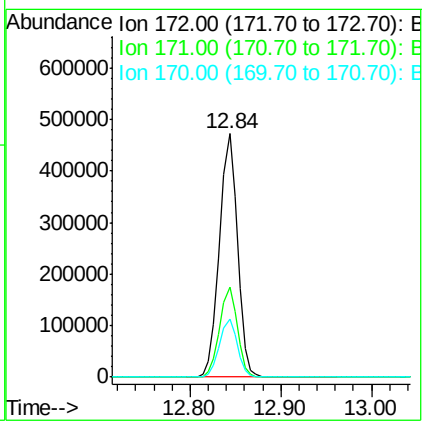


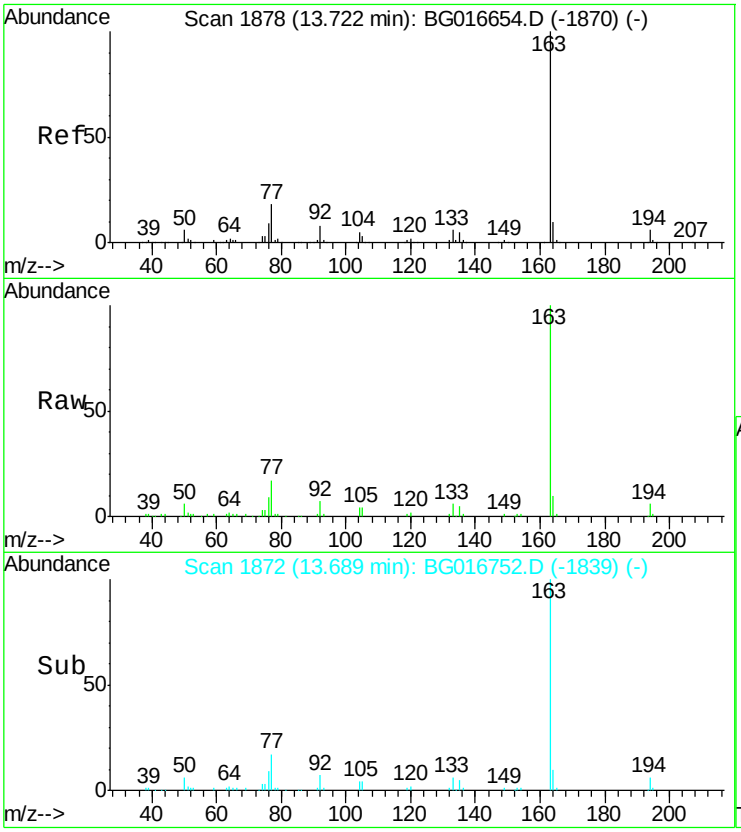


#44
2-Fluorobiphenyl
Concen: 64.47 ng
RT: 12.84 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Tgt Ion:172 Resp: 651895

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.9	44.9
170	23.9	19.8	29.8



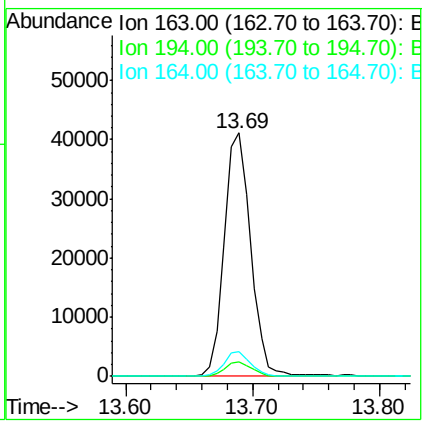


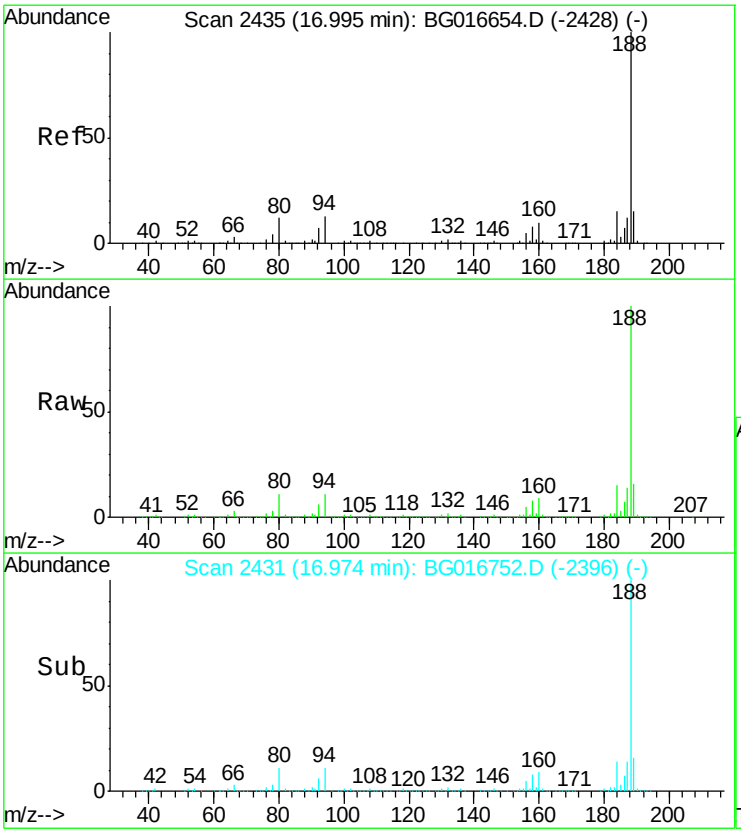
#49
Dimethylphthalate
Concen: 4.86 ng
RT: 13.69 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Instrument :
BNA_G
ClientSampleId :
TEC01

Tgt Ion:163 Resp: 59095

Ion	Ratio	Lower	Upper
163	100		
194	5.7	5.0	7.4
164	10.4	7.8	11.8

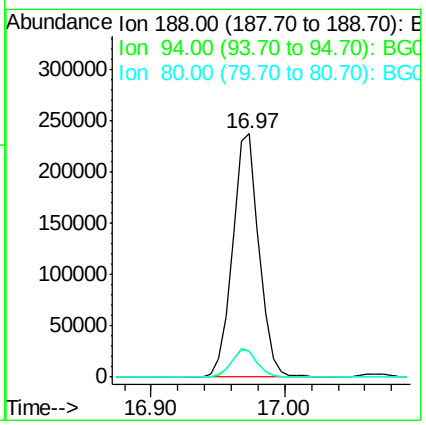


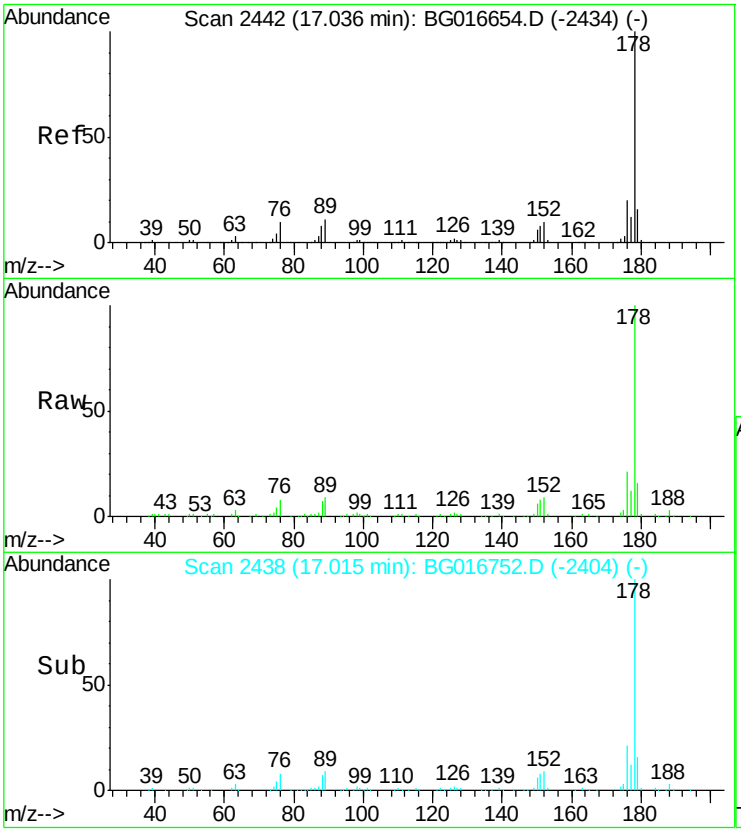


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Tgt Ion:188 Resp: 325726

Ion	Ratio	Lower	Upper
188	100		
94	10.9	10.7	16.1
80	10.7	9.9	14.9



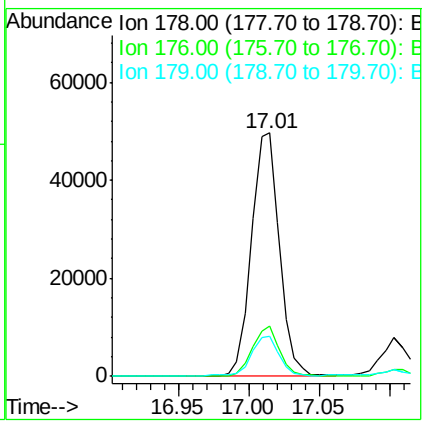


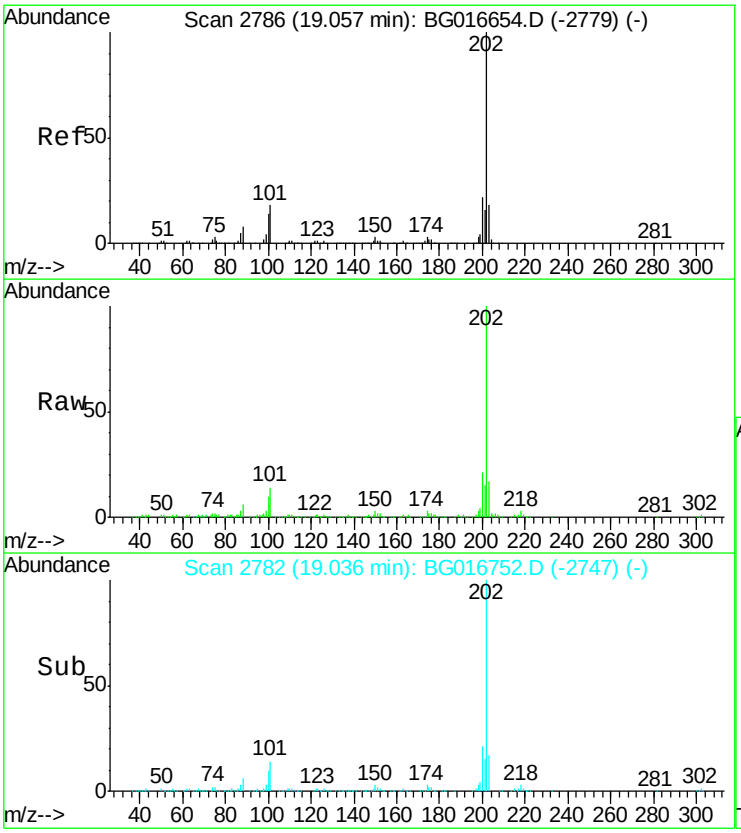
#70
Phenanthrene
Concen: 3.72 ng
RT: 17.01 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Instrument :
BNA_G
ClientSampleId :
TEC01

Tgt Ion:178 Resp: 69572

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.8	23.6
179	16.5	12.8	19.2

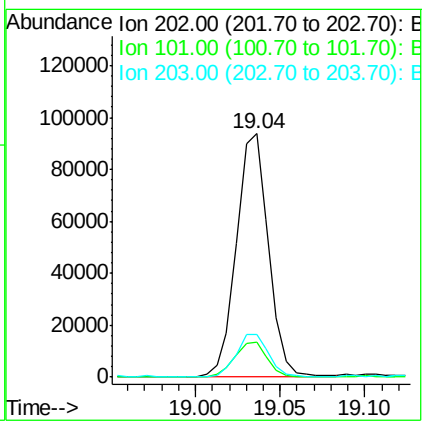


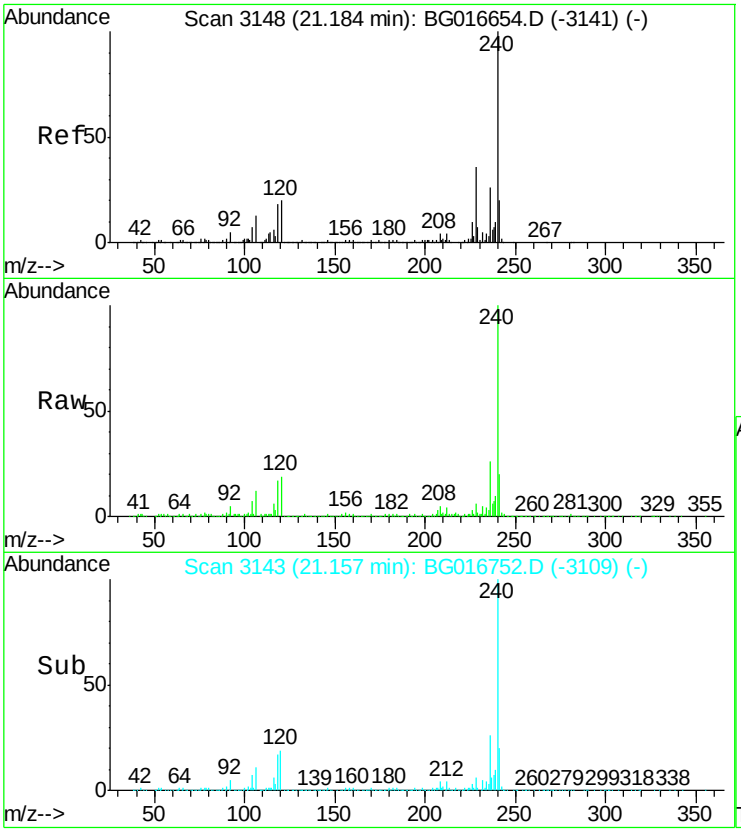


#74
Fluoranthene
Concen: 6.21 ng
RT: 19.04 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Tgt Ion:202 Resp: 123211

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	38.1
203	17.4	0.0	38.4



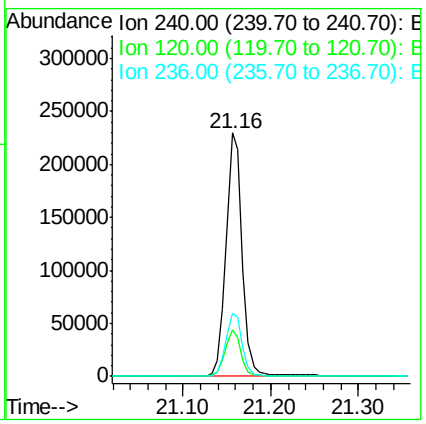


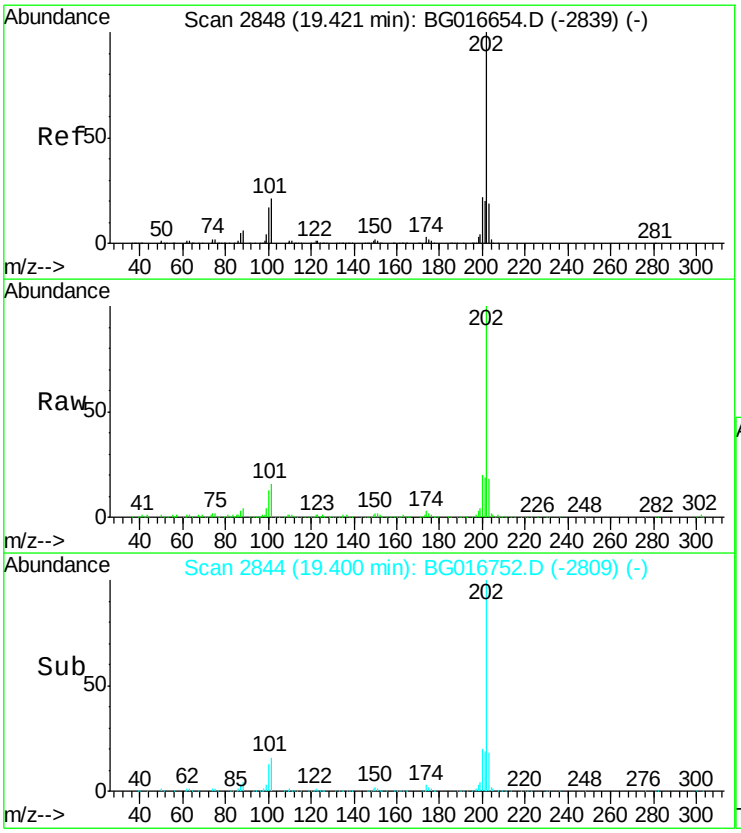
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Instrument :
BNA_G
ClientSampleId :
TEC01

Tgt Ion:240 Resp: 295263

Ion	Ratio	Lower	Upper
240	100		
120	19.2	16.3	24.5
236	25.8	21.1	31.7

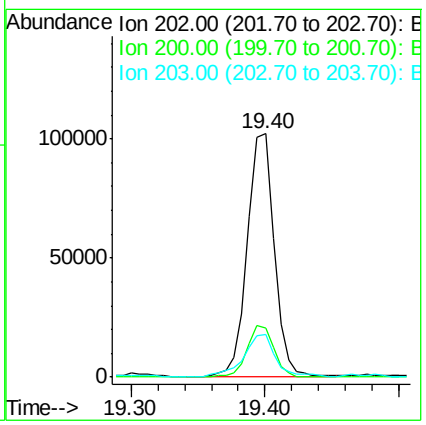


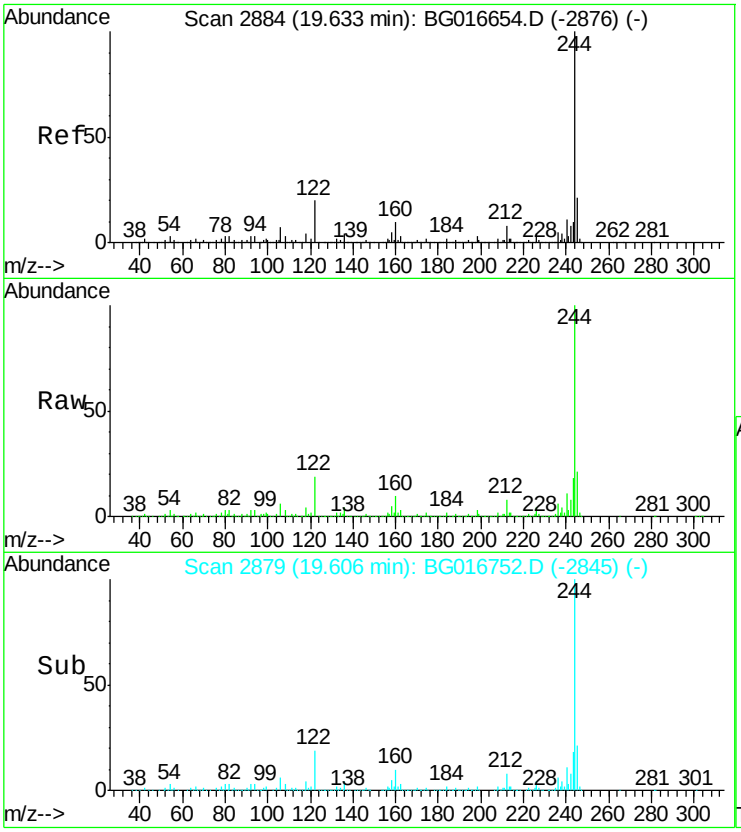


#77
Pyrene
Concen: 6.81 ng
RT: 19.40 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Tgt Ion:202 Resp: 141209

Ion	Ratio	Lower	Upper
202	100		
200	20.3	18.0	27.0
203	17.7	14.9	22.3



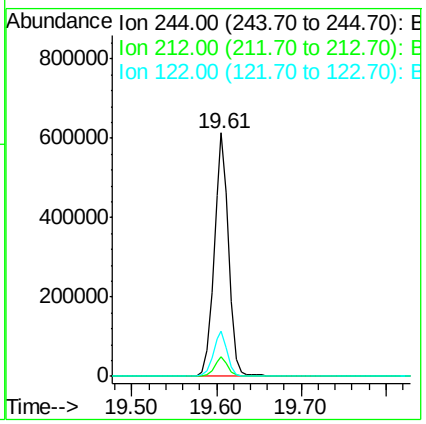


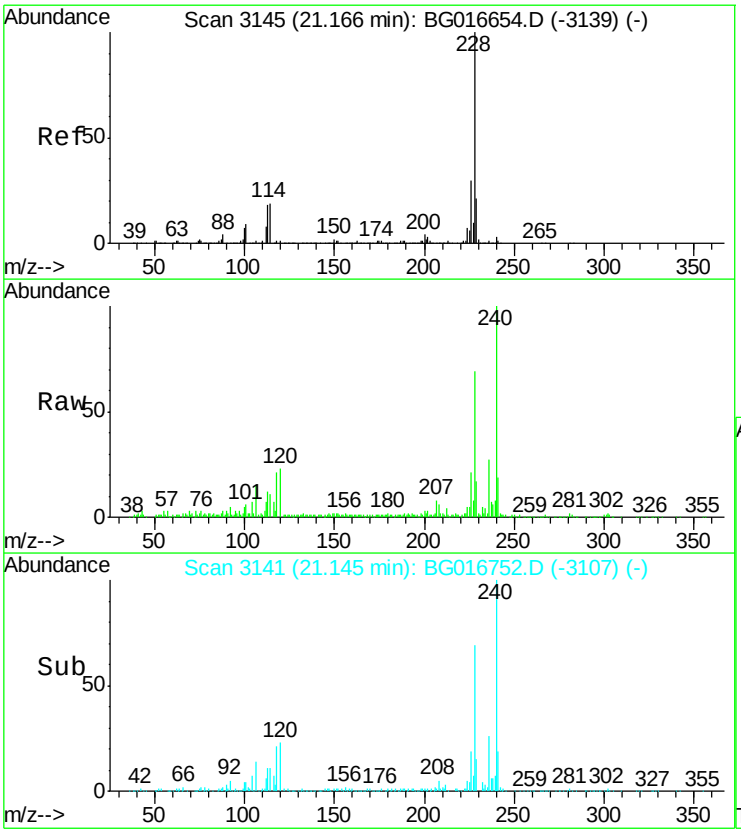
#78
Terphenyl-d14
Concen: 57.50 ng
RT: 19.61 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Instrument :
BNA_G
ClientSampleId :
TEC01

Tgt Ion:244 Resp: 737023

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	18.7	15.9	23.9

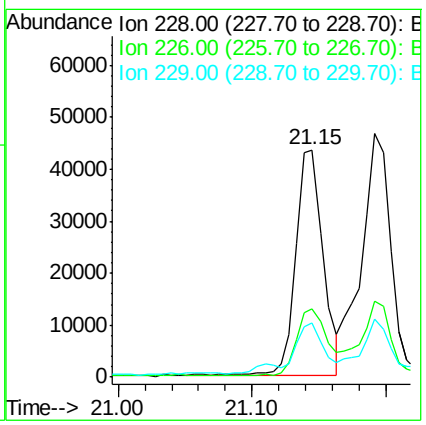


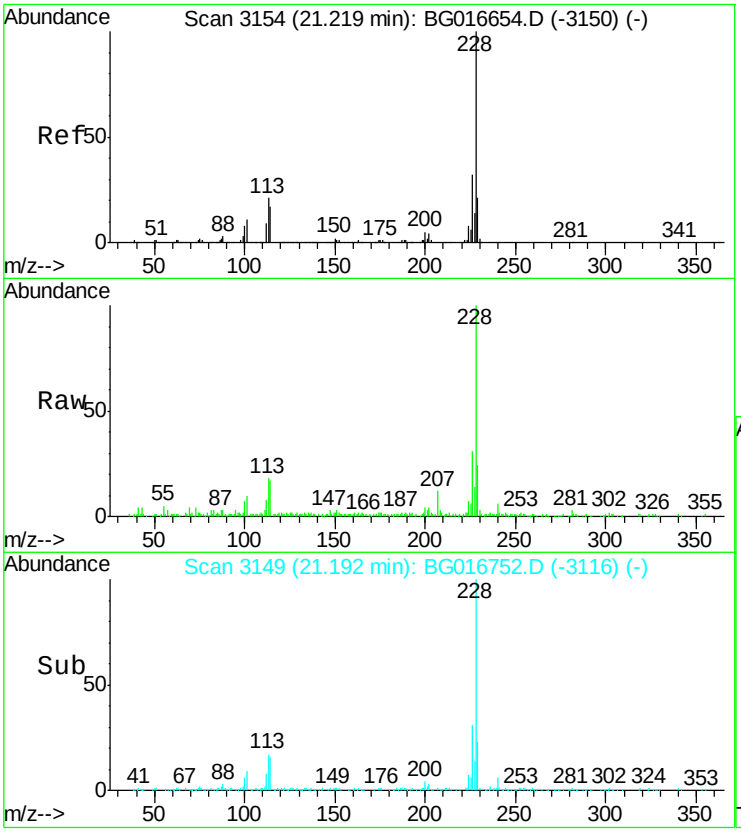


#80
Benzo(a)anthracene
Concen: 3.40 ng
RT: 21.15 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Tgt Ion:228 Resp: 60936

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	24.0	17.0	25.4



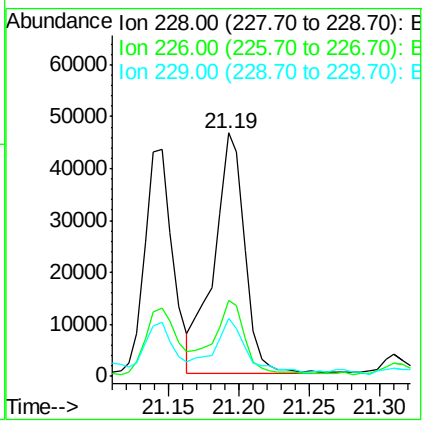


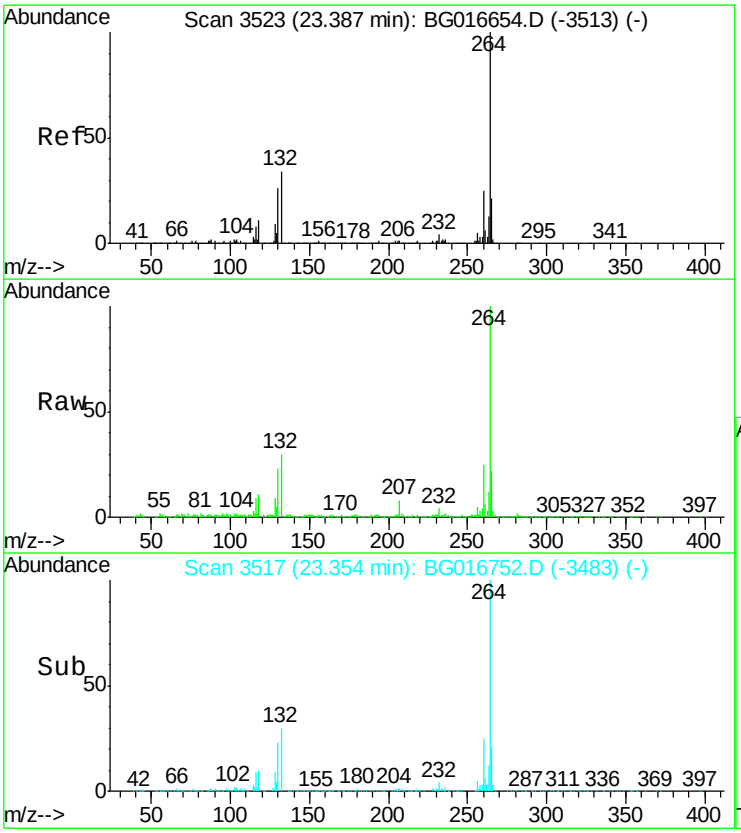
#82
Chrysene
Concen: 4.11 ng
RT: 21.19 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Instrument :
BNA_G
ClientSampleId :
TEC01

Tgt Ion:228 Resp: 70568

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	23.7	16.5	24.7

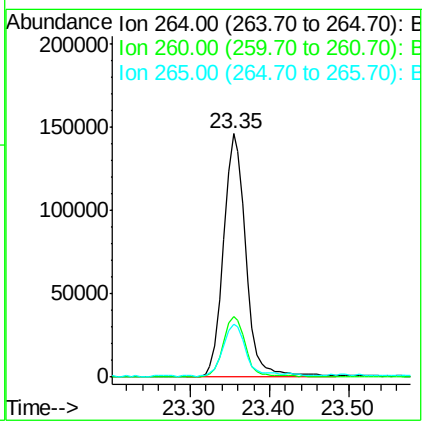


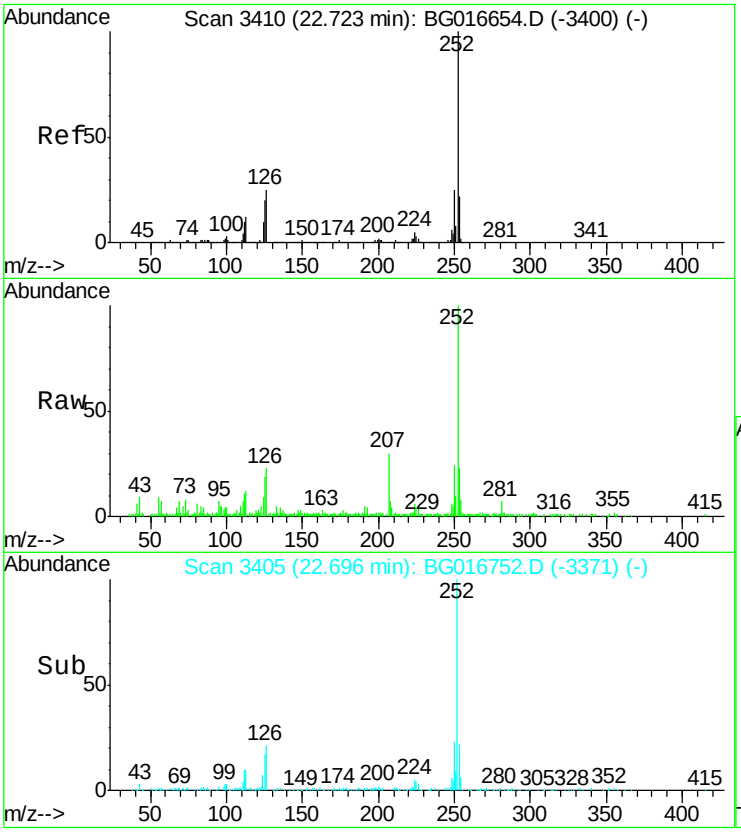


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 3517
Delta R.T. -0.00 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Tgt Ion:264 Resp: 284218

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.0	30.0
265	21.7	16.8	25.2



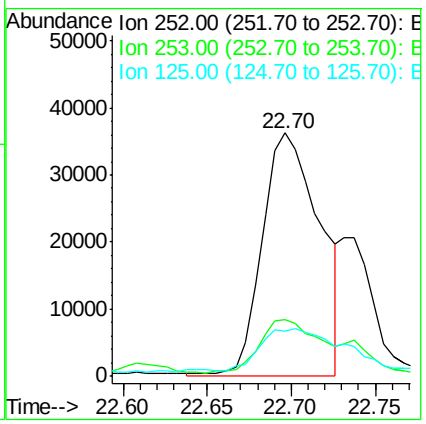


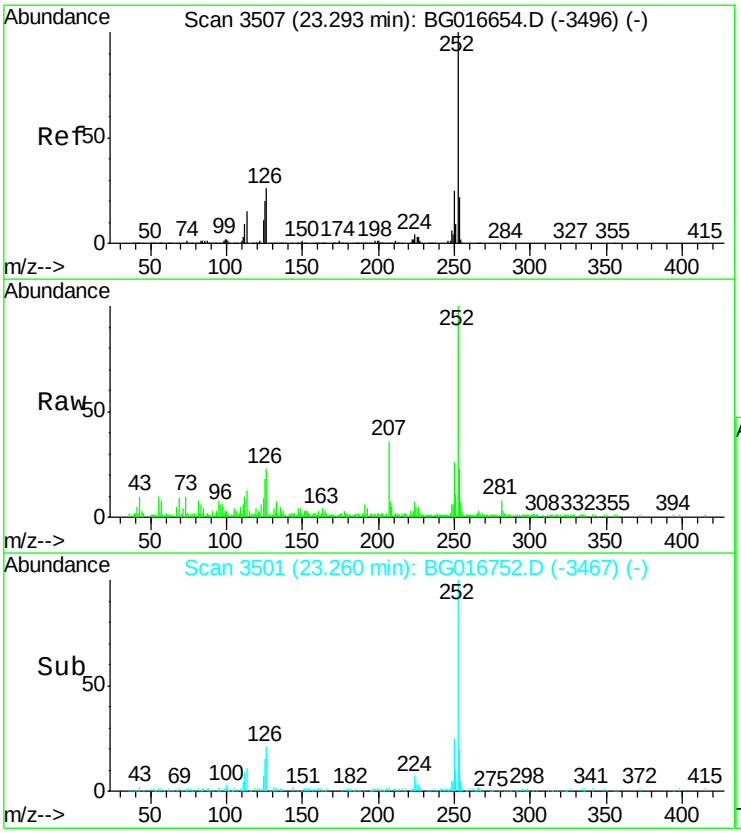
#87
Benzo(b)fluoranthene
Concen: 5.00 ng m
RT: 22.70 min Scan# 3405
Delta R.T. -0.00 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Instrument :
BNA_G
ClientSampleId :
TEC01

Tgt Ion:252 Resp: 86257

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	18.7	15.8	23.8

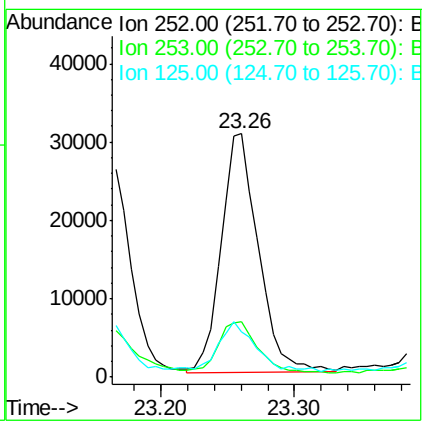


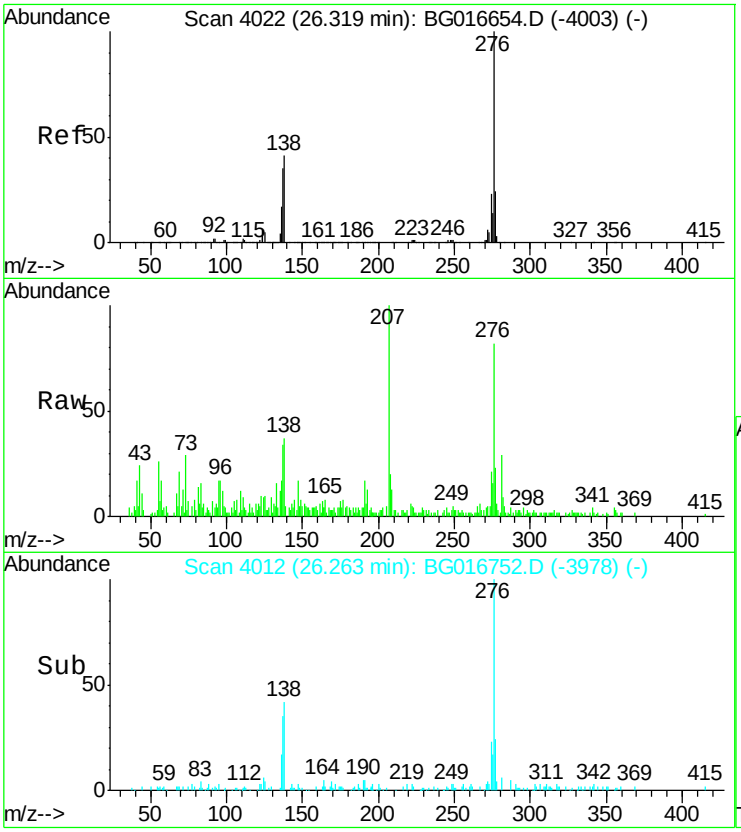


#89
Benzo(a)pyrene
Concen: 3.62 ng
RT: 23.26 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Tgt Ion:252 Resp: 58964

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	18.4	16.3	24.5





#91
Benzo(g,h,i)perylene
Concen: 2.18 ng
RT: 26.26 min Scan# 4012
Delta R.T. -0.00 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Instrument :
BNA_G
ClientSampleId :
TEC01

Tgt Ion:276 Resp: 35073

Ion	Ratio	Lower	Upper
276	100		
277	27.6	19.3	28.9
138	45.1	32.8	49.2