Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
Data File : BG016670.D
Acq On : 24 Apr 2015 3:14
Operator : TP/IZ
Sample : G1945-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FIELDBLANK

Quant Time: Apr 24 04:42:04 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 24 04:29:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	57396	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	232289	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	131067	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	277879	20.00	ng	0.00
75) Chrysene-d12	21.18	240	269578	20.00	ng	0.00
86) Perylene-d12	23.39	264	246684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	212922	60.20	ng	0.00
7) Phenol-d6	6.79	99	168487	33.96	ng	0.00
23) Nitrobenzene-d5	8.76	82	354527	96.44	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	141759	145.79	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	807669	99.01	ng	0.00
78) Terphenyl-d14	19.63	244	1022952	87.41	ng	0.00
Target Compounds						Qvalue

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

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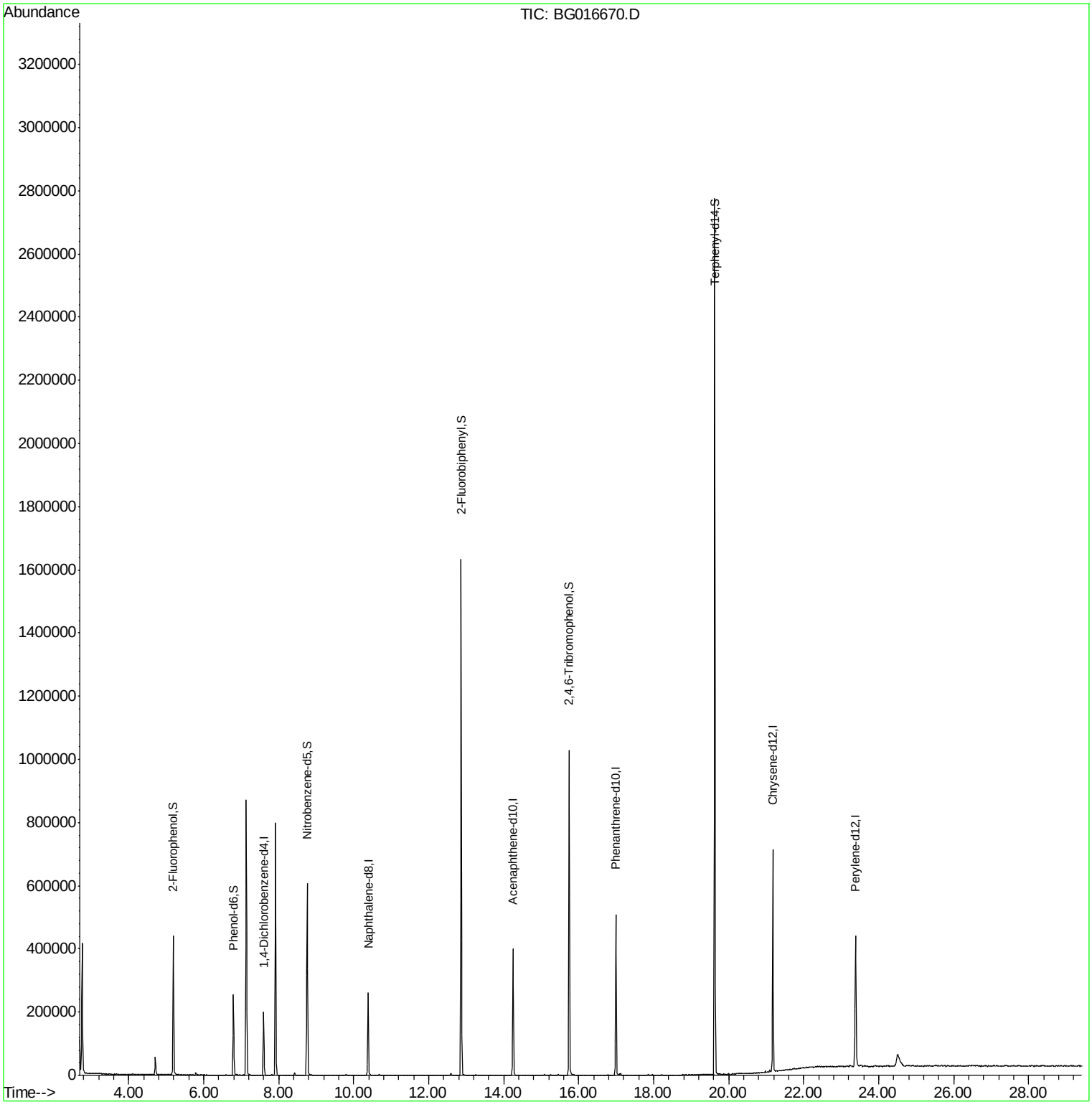
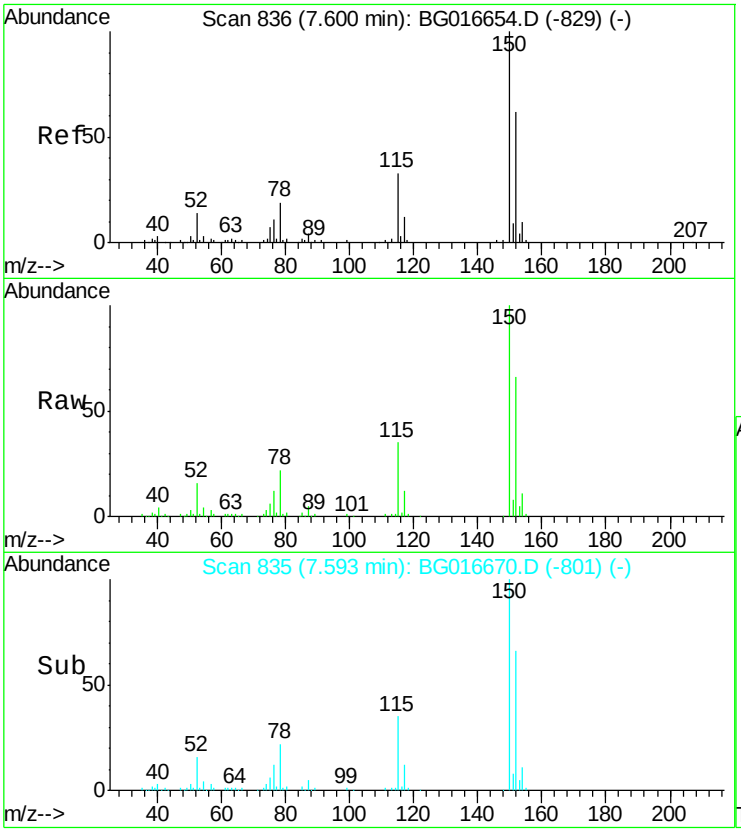


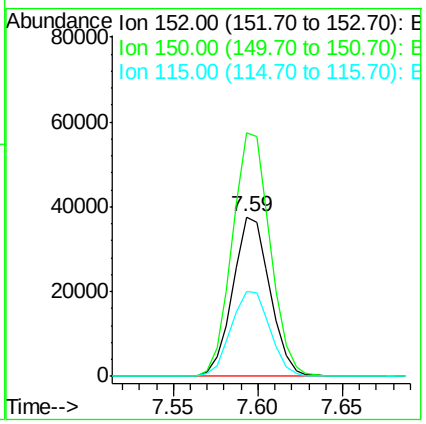


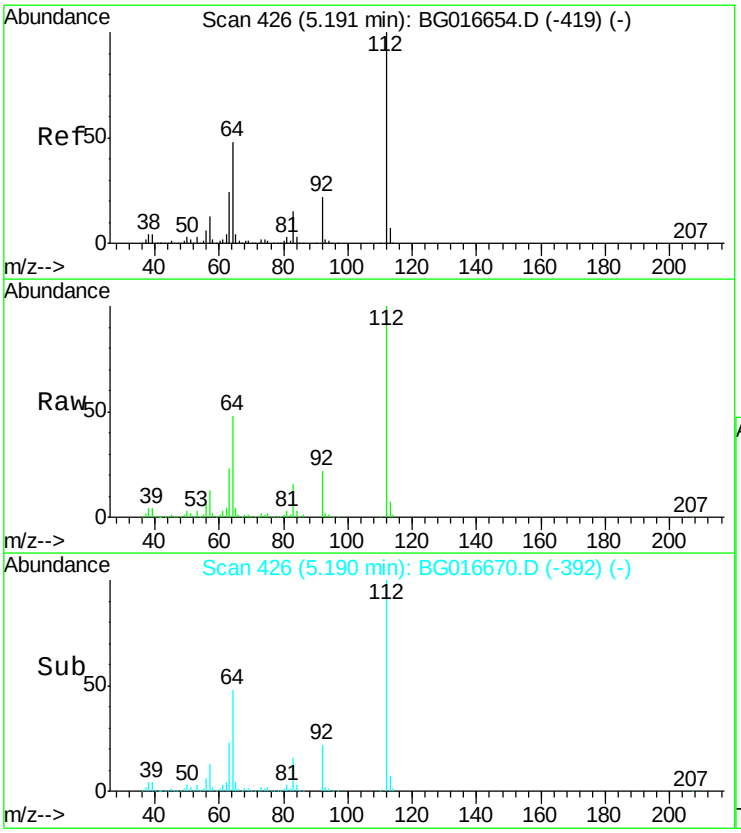
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 835
Delta R.T. -0.00 min
Lab File: BG016670.D
Acq: 24 Apr 2015 3:14

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

Tgt Ion:152 Resp: 57396

Ion	Ratio	Lower	Upper
152	100		
150	152.5	129.6	194.4
115	53.3	43.0	64.6

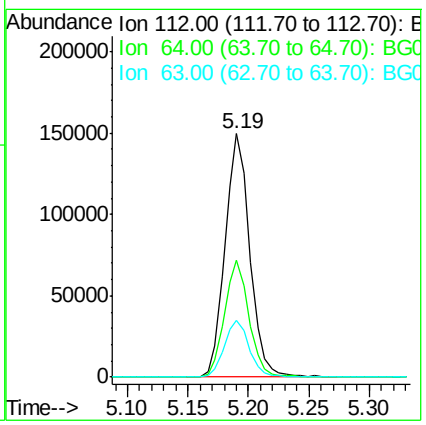


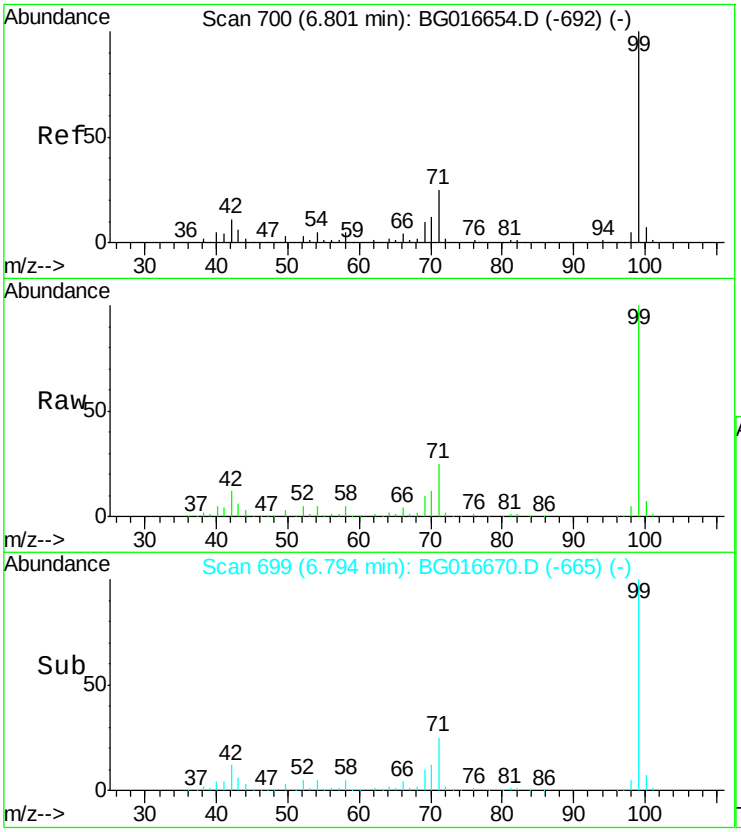


#5
2-Fluorophenol
Concen: 60.20 ng
RT: 5.19 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG016670.D
Acq: 24 Apr 2015 3:14

Tgt Ion:112 Resp: 212922

Ion	Ratio	Lower	Upper
112	100		
64	48.0	38.3	57.5
63	23.3	18.9	28.3



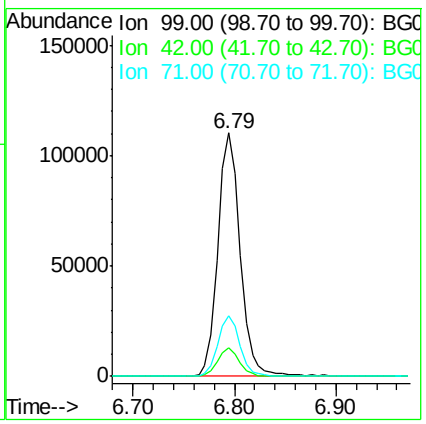


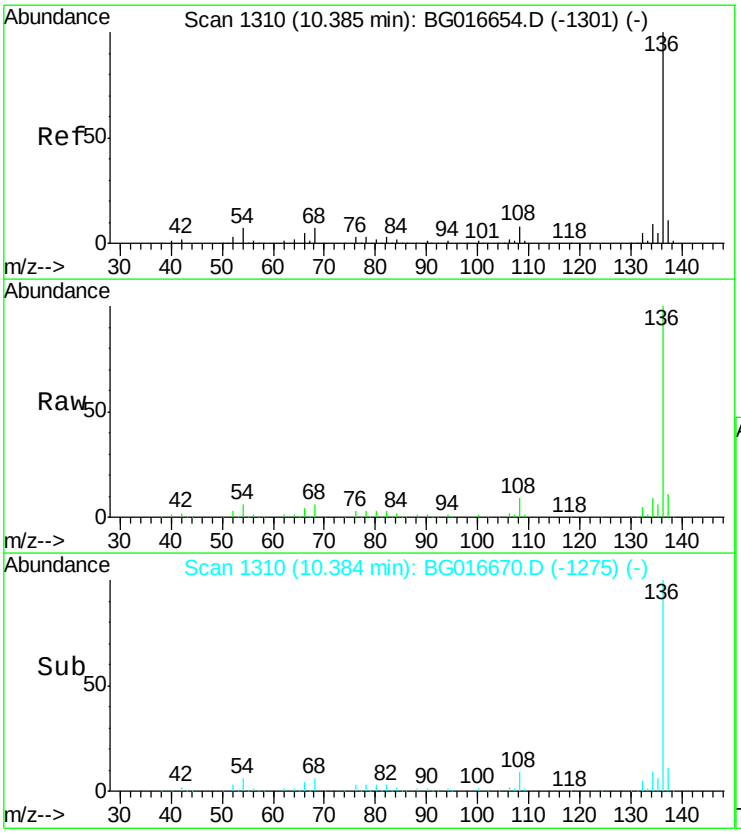
#7
Phenol-d6
Concen: 33.96 ng
RT: 6.79 min Scan# 699
Delta R.T. -0.00 min
Lab File: BG016670.D
Acq: 24 Apr 2015 3:14

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

Tgt Ion: 99 Resp: 168487

Ion	Ratio	Lower	Upper
99	100		
42	11.8	8.8	13.2
71	24.6	19.9	29.9

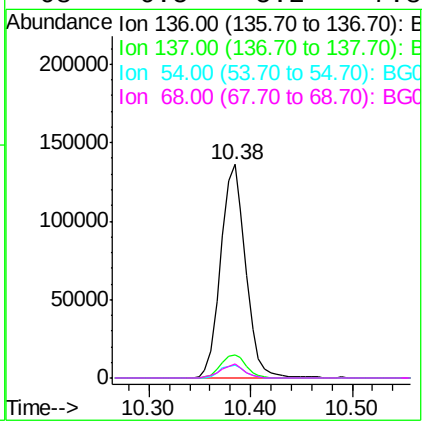


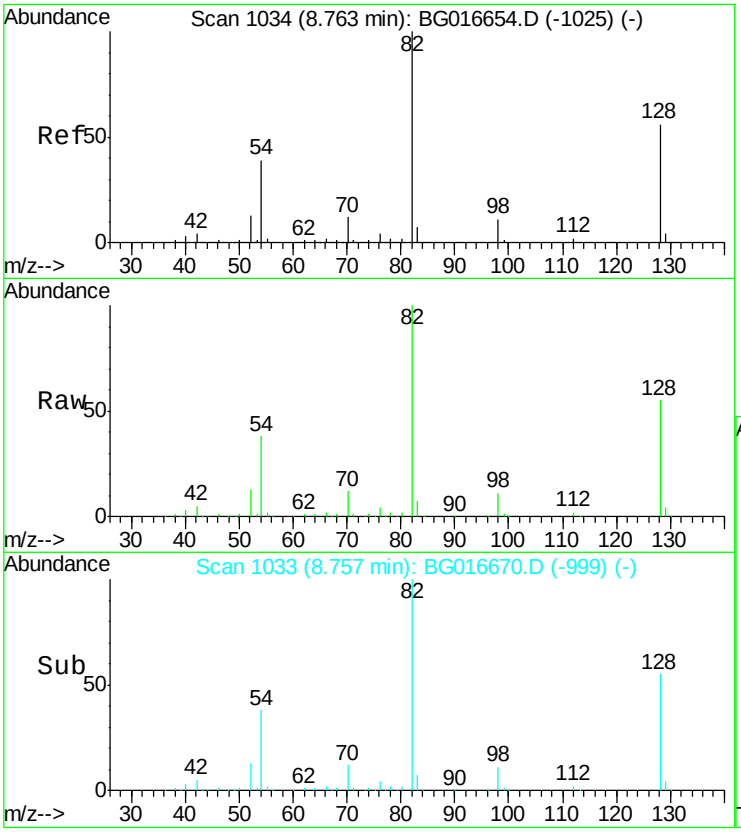


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.38 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG016670.D
Acq: 24 Apr 2015 3:14

Tgt Ion:136 Resp: 232289

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.3	5.4	8.2
68	6.5	5.2	7.8



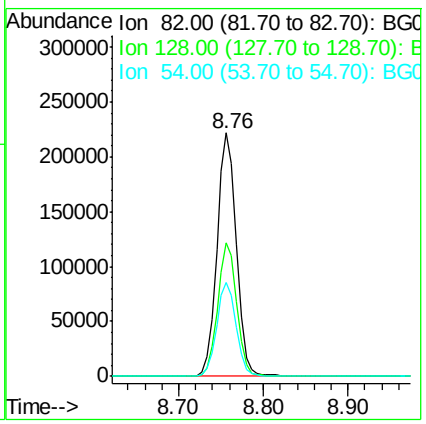


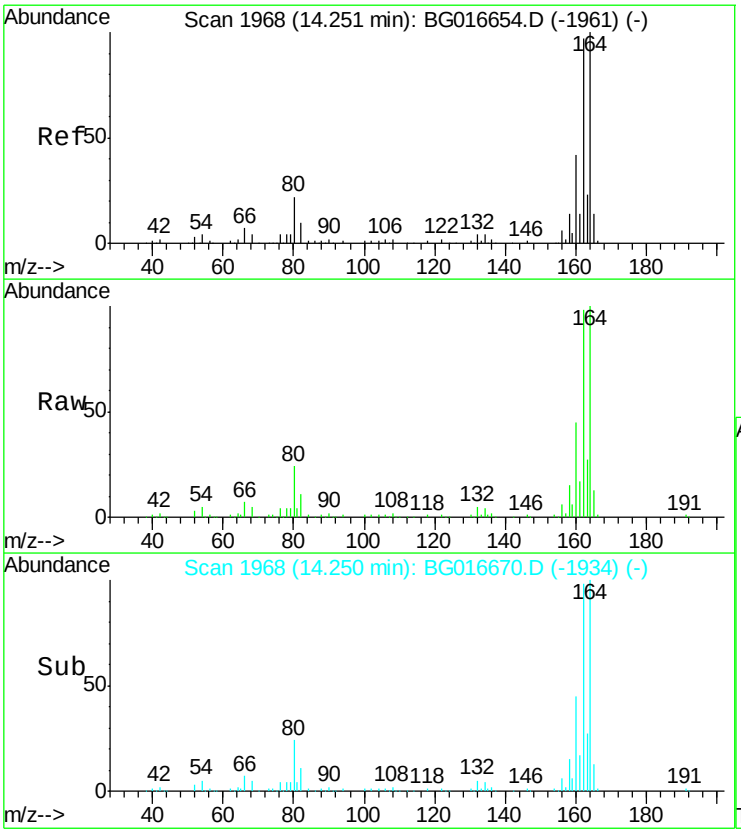
#23
Nitrobenzene-d5
Concen: 96.44 ng
RT: 8.76 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG016670.D
Acq: 24 Apr 2015 3:14

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

Tgt Ion: 82 Resp: 354527

Ion	Ratio	Lower	Upper
82	100		
128	54.8	44.7	67.1
54	38.4	30.9	46.3

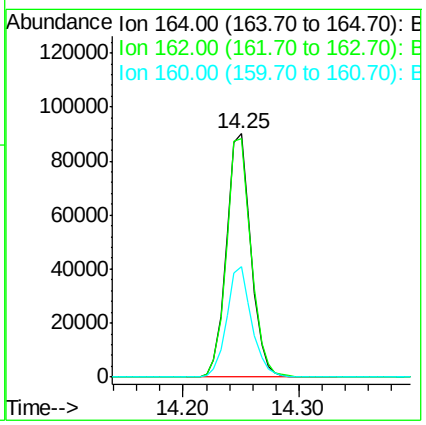


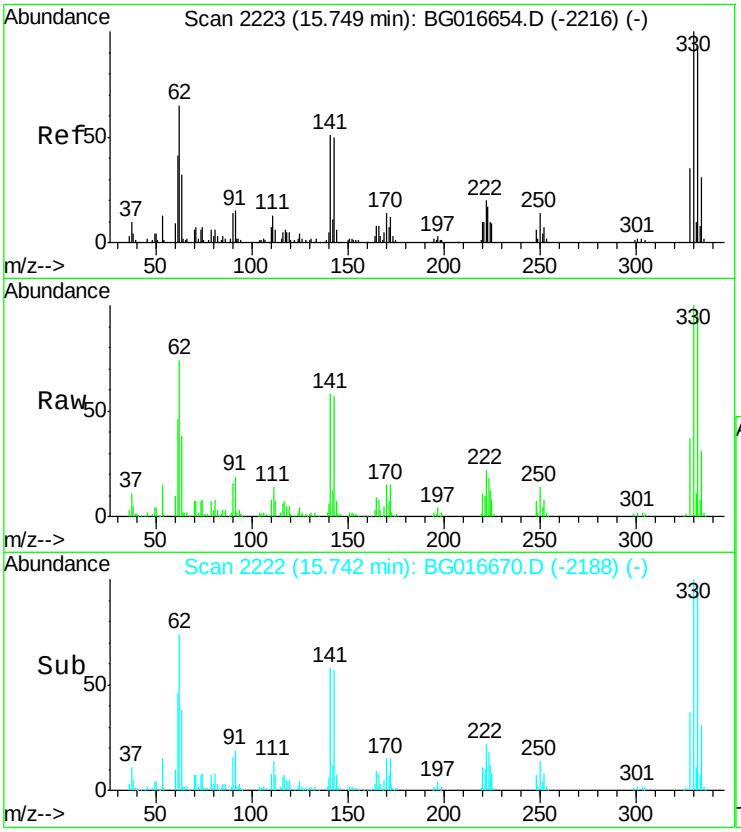


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG016670.D
Acq: 24 Apr 2015 3:14

Tgt Ion:164 Resp: 131067

Ion	Ratio	Lower	Upper
164	100		
162	97.8	77.3	115.9
160	45.4	33.7	50.5



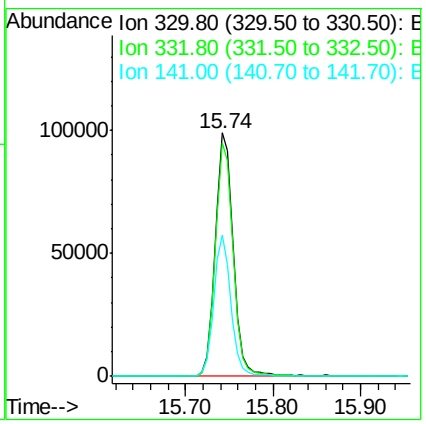


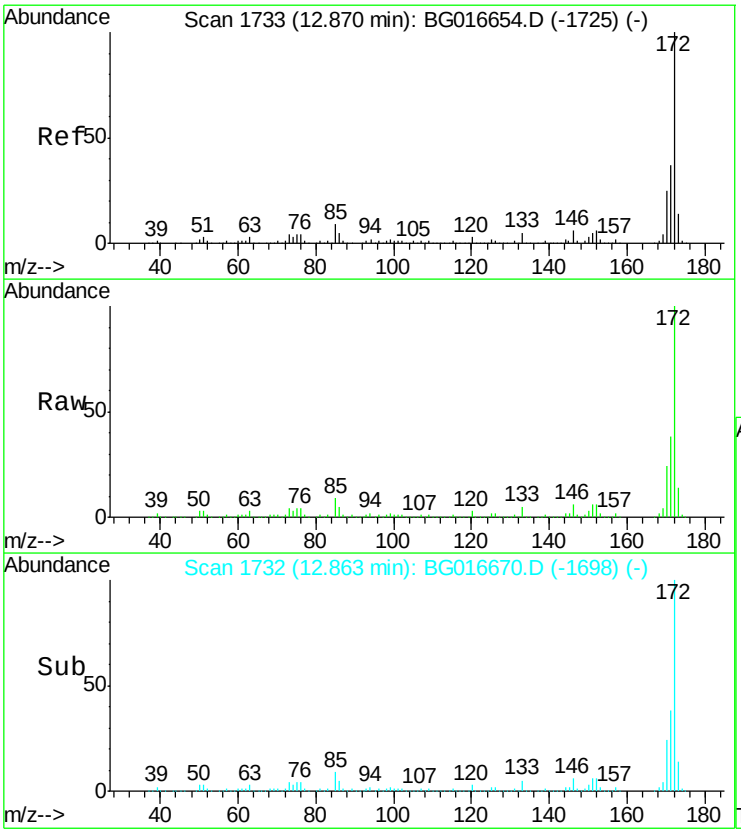
#41
2,4,6-Tribromophenol
Concen: 145.79 ng
RT: 15.74 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG016670.D
Acq: 24 Apr 2015 3:14

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

Tgt Ion:330 Resp: 141759

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.4
141	55.3	43.0	64.6

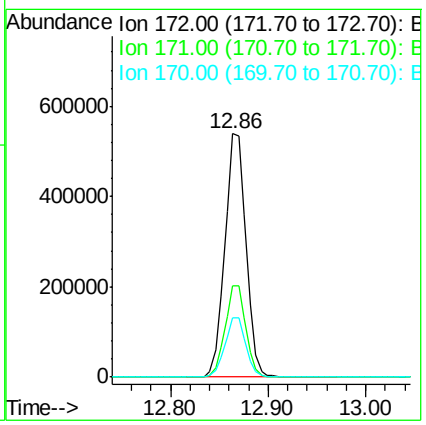


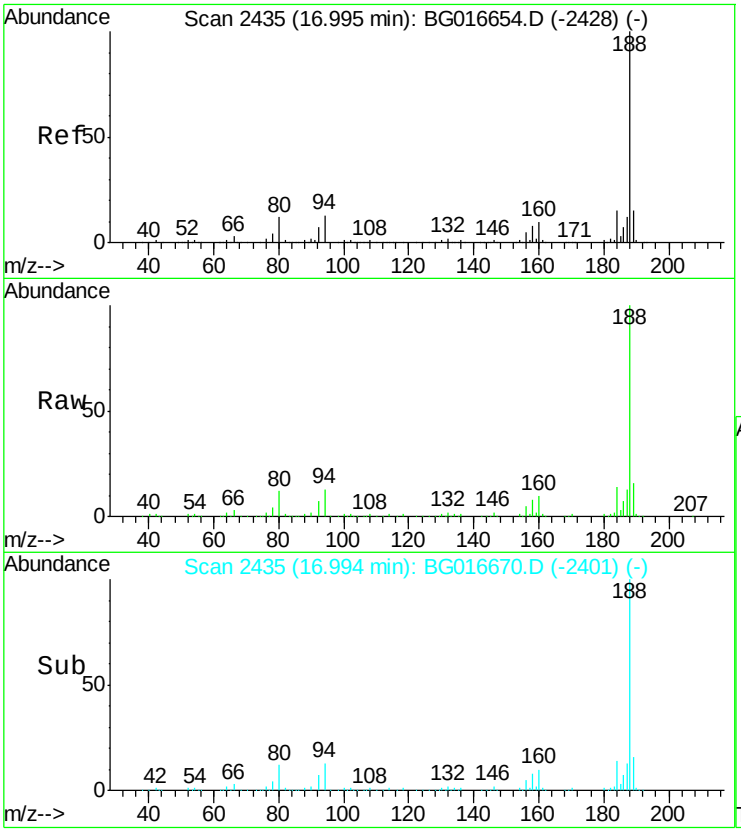


#44
2-Fluorobiphenyl
Concen: 99.01 ng
RT: 12.86 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG016670.D
Acq: 24 Apr 2015 3:14

Tgt Ion:172 Resp: 807669

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.9	44.9
170	24.4	19.8	29.8



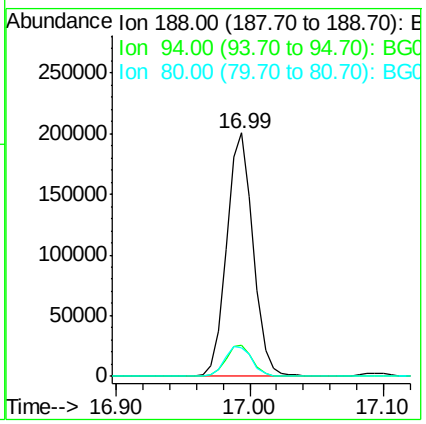


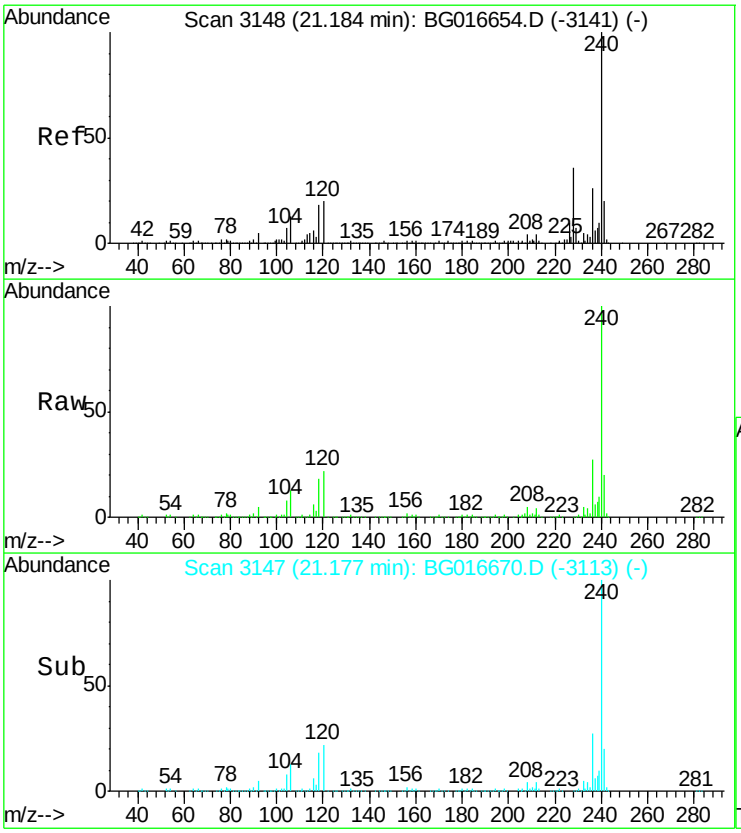
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG016670.D
Acq: 24 Apr 2015 3:14

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

Tgt Ion:188 Resp: 277879

Ion	Ratio	Lower	Upper
188	100		
94	12.8	10.7	16.1
80	11.8	9.9	14.9

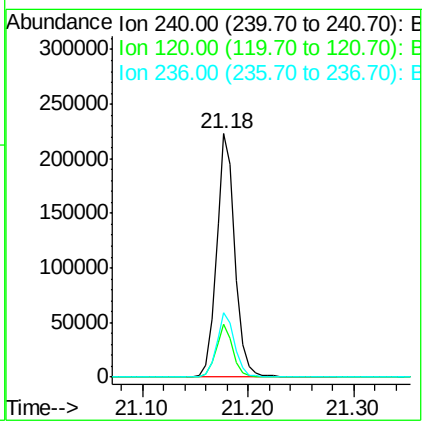


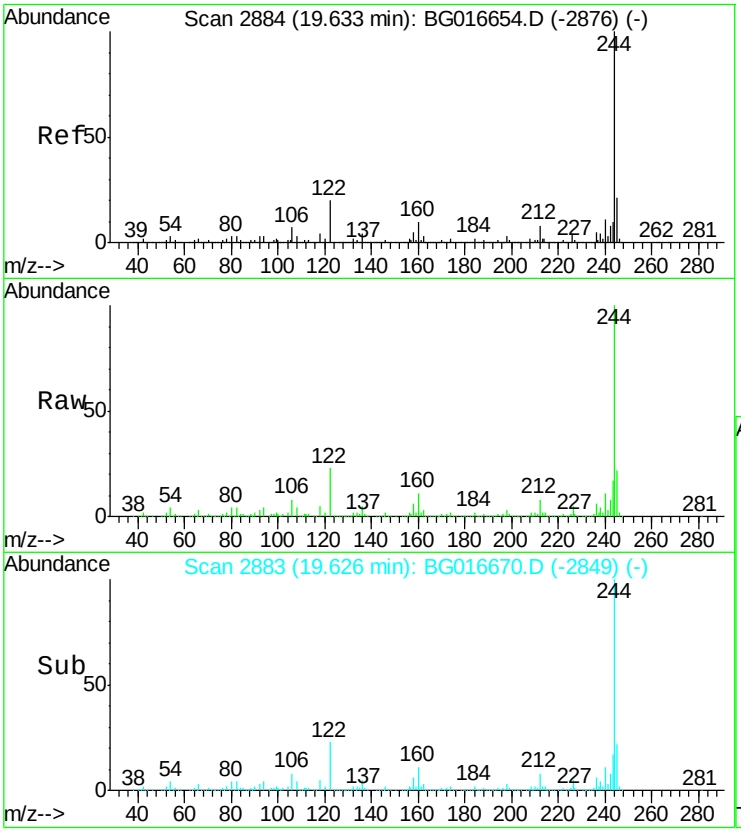


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG016670.D
Acq: 24 Apr 2015 3:14

Tgt Ion:240 Resp: 269578

Ion	Ratio	Lower	Upper
240	100		
120	21.8	16.3	24.5
236	26.6	21.1	31.7



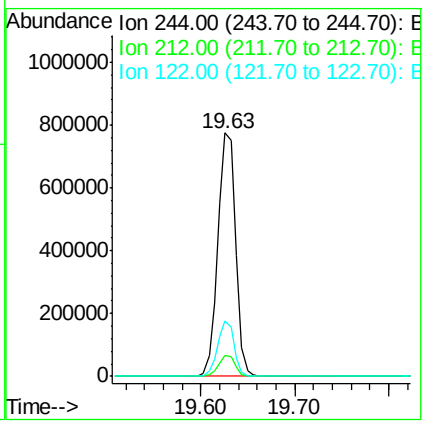


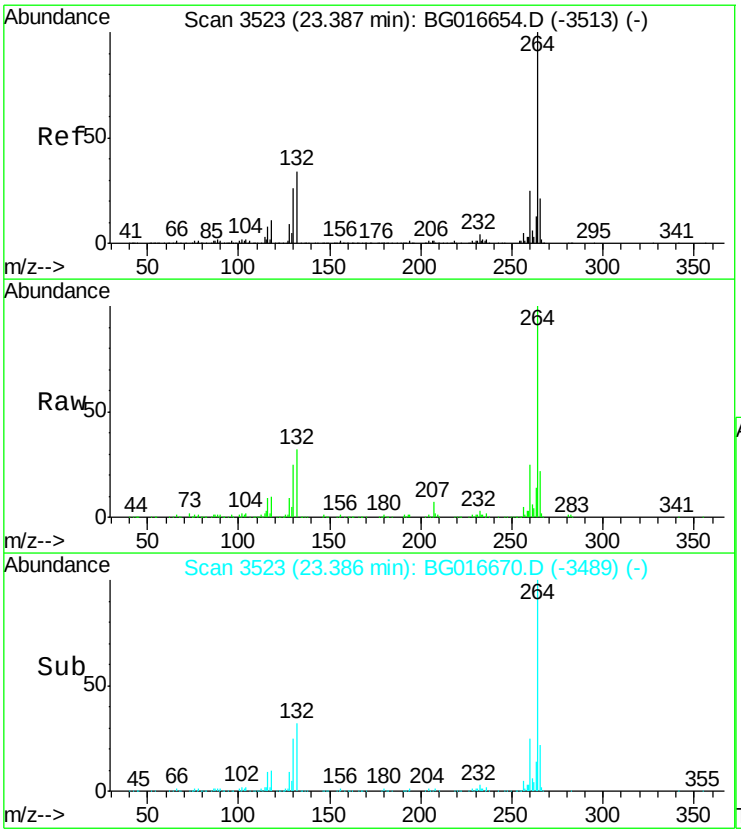
#78
Terphenyl-d14
Concen: 87.41 ng
RT: 19.63 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BG016670.D
Acq: 24 Apr 2015 3:14

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

Tgt Ion:244 Resp: 1022952

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.4	9.6
122	23.0	15.9	23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.39 min Scan# 3523
Delta R.T. -0.00 min
Lab File: BG016670.D
Acq: 24 Apr 2015 3:14

Tgt Ion:264 Resp: 246684

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	21.9	16.8	25.2