Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
Data File : BG016678.D
Acq On : 24 Apr 2015 7:51
Operator : TP/IZ
Sample : G1945-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-61

Quant Time: Apr 24 09:04:46 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	7.60	152	57223	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	241223	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	133560	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	293622	20.00	ng	0.00
75) Chrysene-d12	21.18	240	284104	20.00	ng	0.00
86) Perylene-d12	23.38	264	258719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	231711	65.71	ng	0.00
7) Phenol-d6	6.79	99	198739	40.17	ng	0.00
23) Nitrobenzene-d5	8.76	82	349878	91.65	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	148930	150.31	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	814382	97.97	ng	0.00
78) Terphenyl-d14	19.63	244	808956	65.59	ng	0.00
Target Compounds						Qvalue

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

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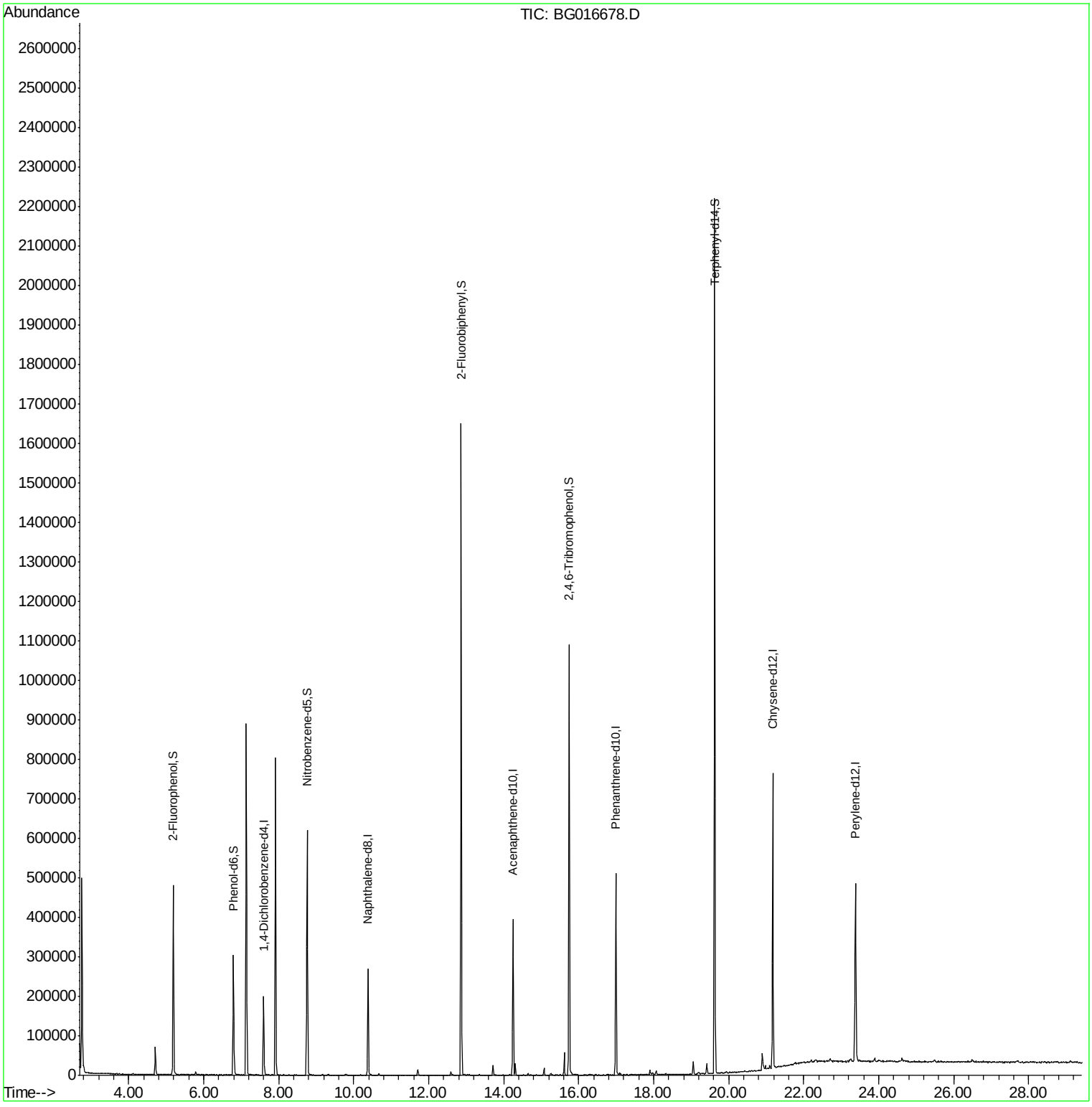
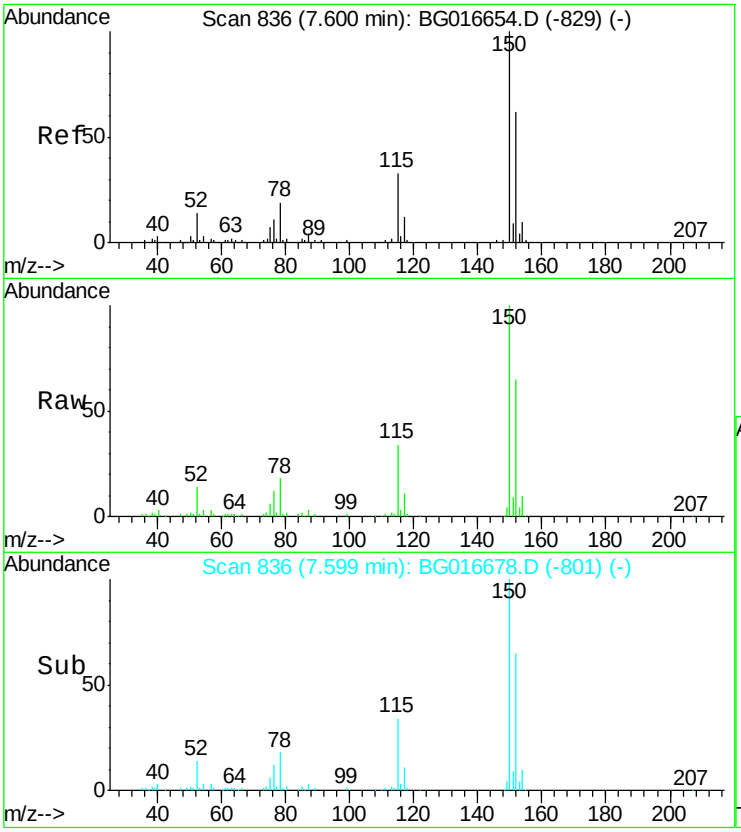


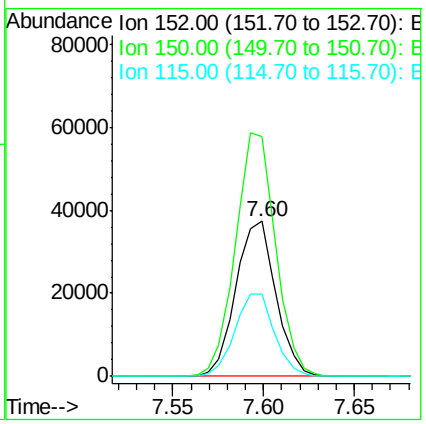


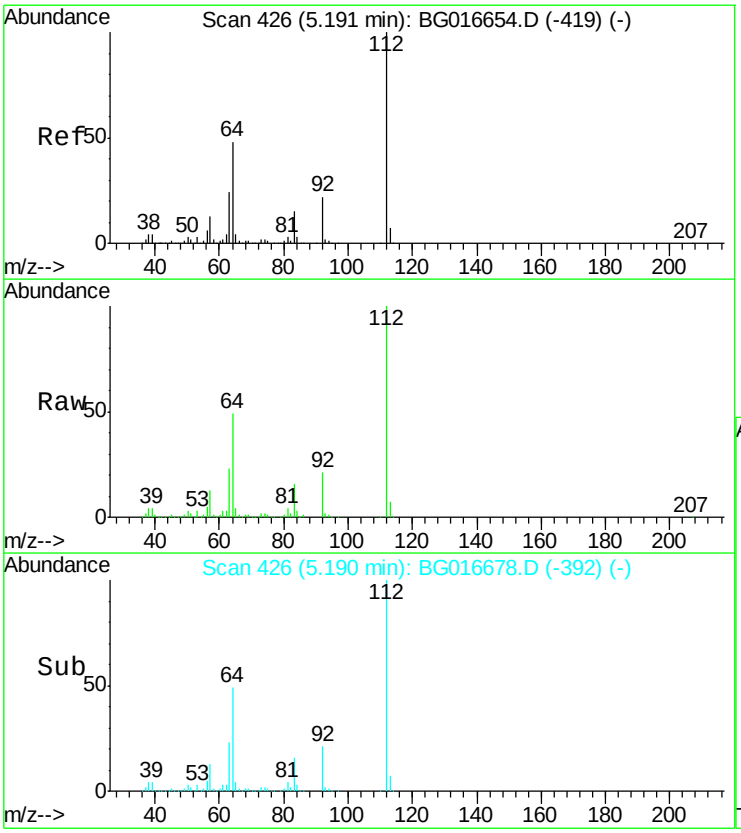
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.60 min Scan# 836
Delta R.T. 0.00 min
Lab File: BG016678.D
Acq: 24 Apr 2015 7:51

Instrument :
BNA_G
ClientSampleId :
MW-61

Tgt Ion:152 Resp: 57223

Ion	Ratio	Lower	Upper
152	100		
150	154.8	129.6	194.4
115	53.2	43.0	64.6

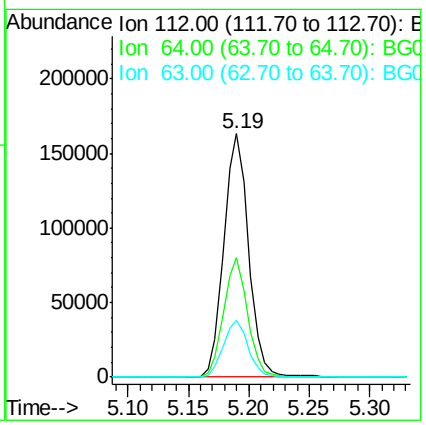


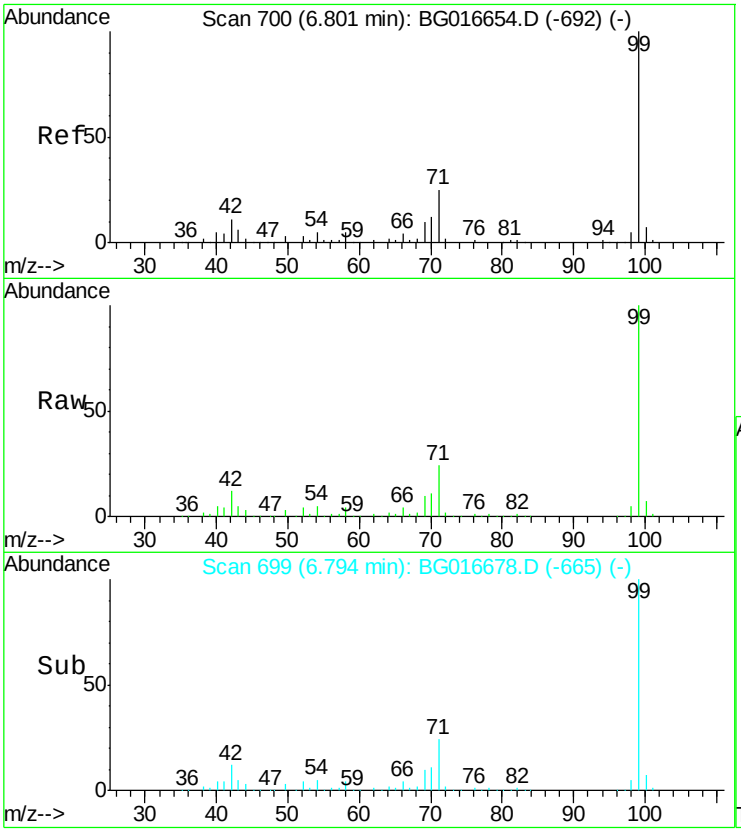


#5
2-Fluorophenol
Concen: 65.71 ng
RT: 5.19 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG016678.D
Acq: 24 Apr 2015 7:51

Tgt Ion:112 Resp: 231711

Ion	Ratio	Lower	Upper
112	100		
64	49.2	38.3	57.5
63	23.3	18.9	28.3



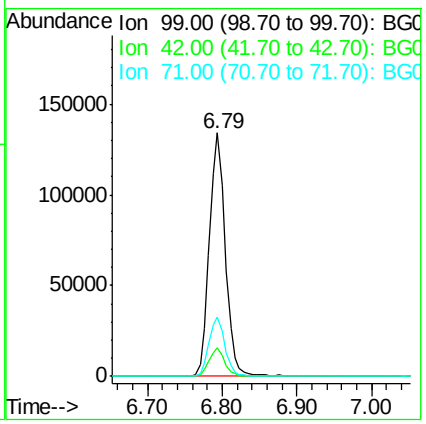


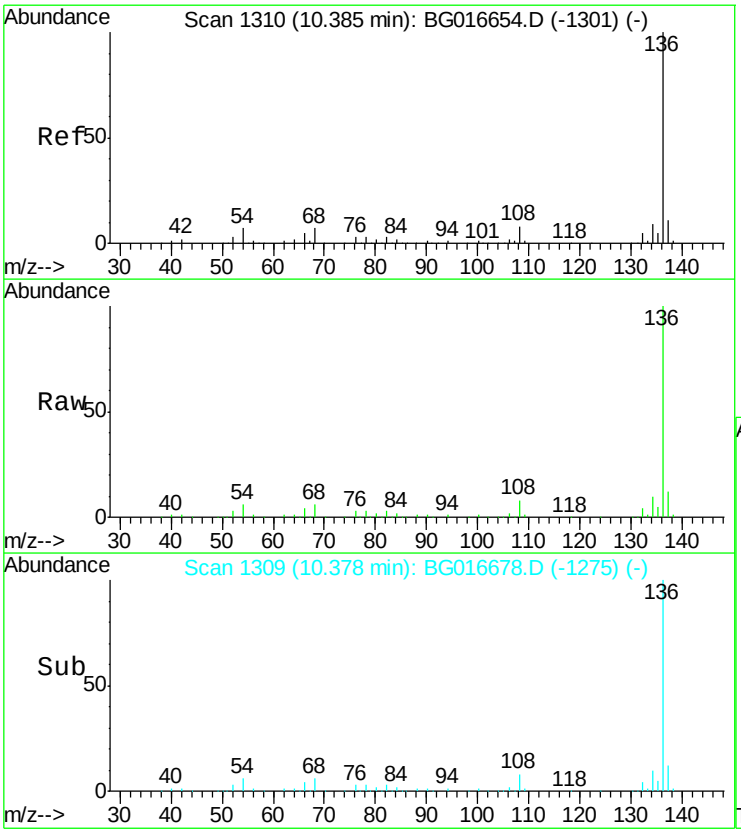
#7
Phenol-d6
Concen: 40.17 ng
RT: 6.79 min Scan# 699
Delta R.T. -0.00 min
Lab File: BG016678.D
Acq: 24 Apr 2015 7:51

Instrument :
BNA_G
ClientSampleId :
MW-61

Tgt Ion: 99 Resp: 198739

Ion	Ratio	Lower	Upper
99	100		
42	11.5	8.8	13.2
71	24.4	19.9	29.9

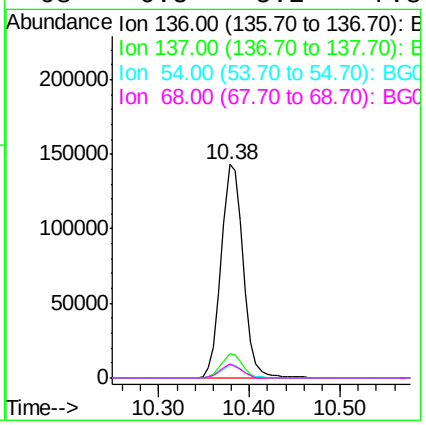


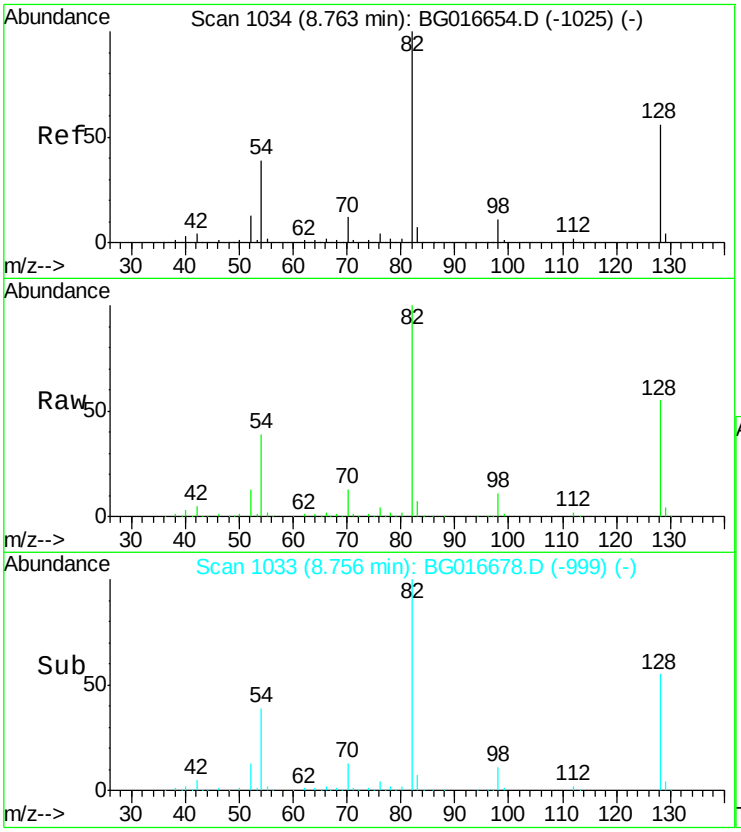


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.38 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG016678.D
Acq: 24 Apr 2015 7:51

Tgt Ion:136 Resp: 241223

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	5.8	5.4	8.2
68	6.5	5.2	7.8

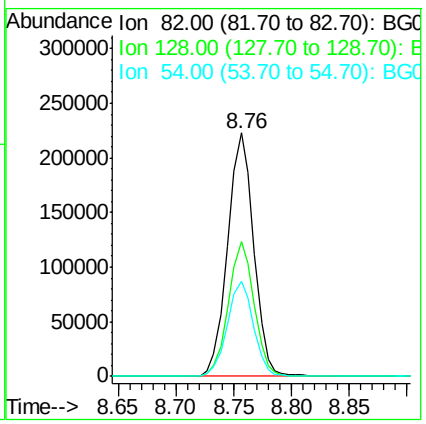




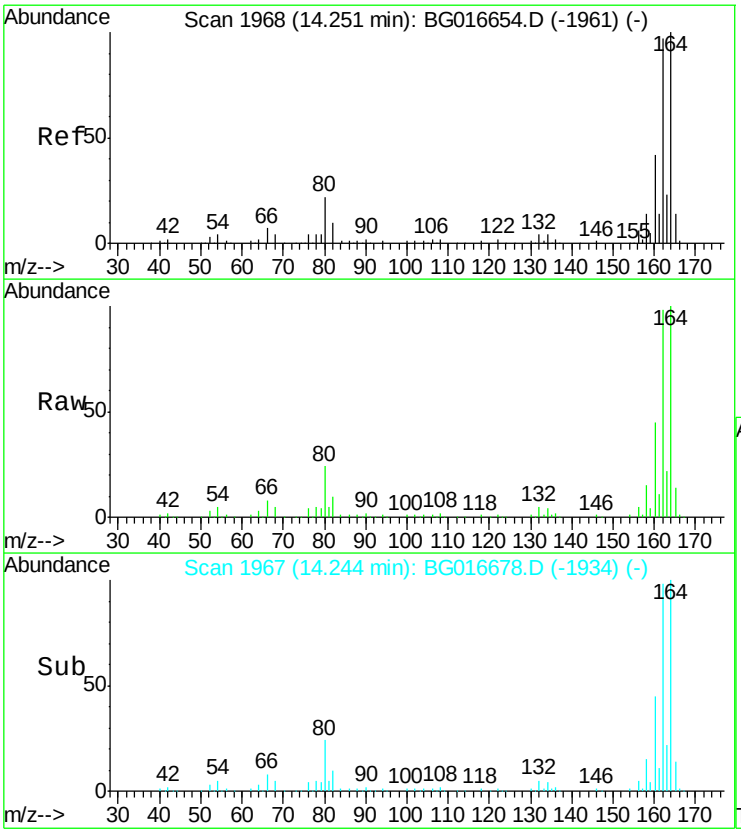
#23
Nitrobenzene-d5
Concen: 91.65 ng
RT: 8.76 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG016678.D
Acq: 24 Apr 2015 7:51

Tgt Ion: 82 Resp: 349878

Ion	Ratio	Lower	Upper
82	100		
128	55.4	44.7	67.1
54	39.0	30.9	46.3



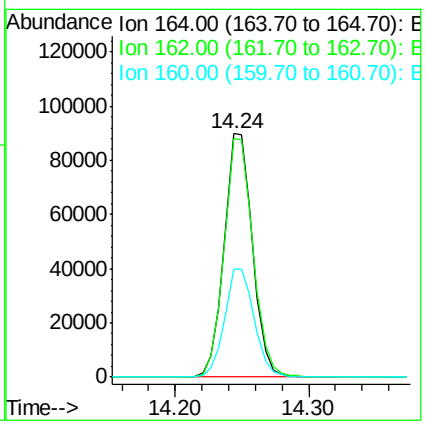
Instrument :
BNA_G
ClientSampleId :
MW-61

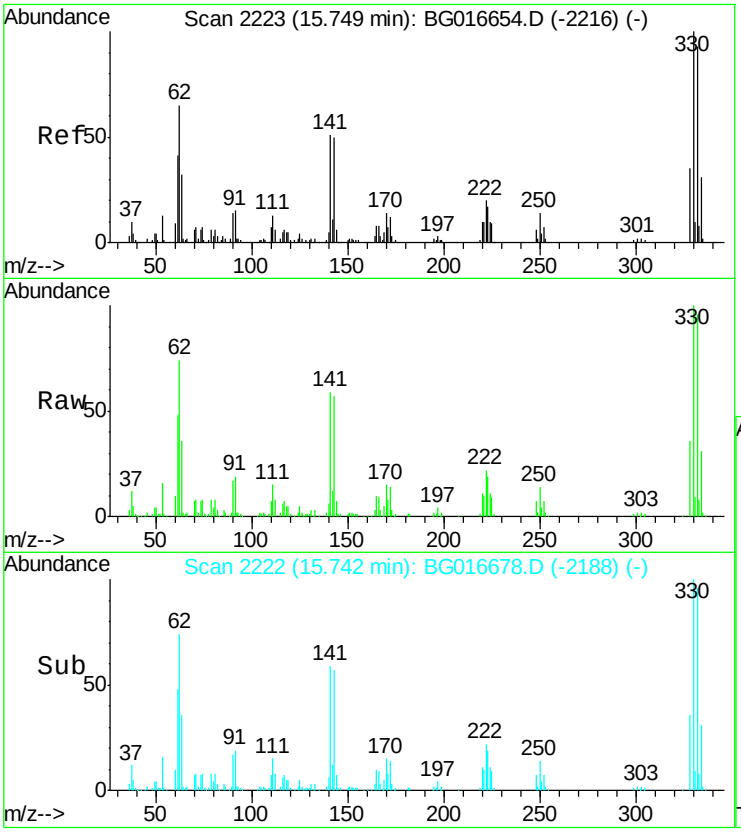


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.24 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG016678.D
Acq: 24 Apr 2015 7:51

Tgt Ion:164 Resp: 133560

Ion	Ratio	Lower	Upper
164	100		
162	98.1	77.3	115.9
160	44.6	33.7	50.5



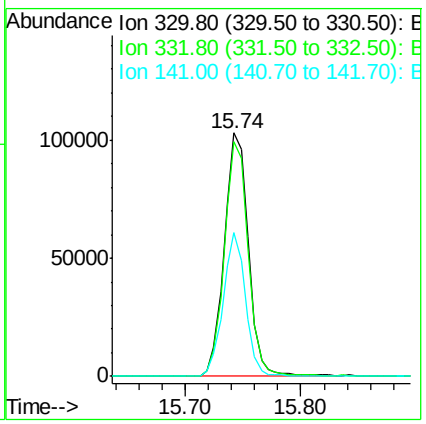


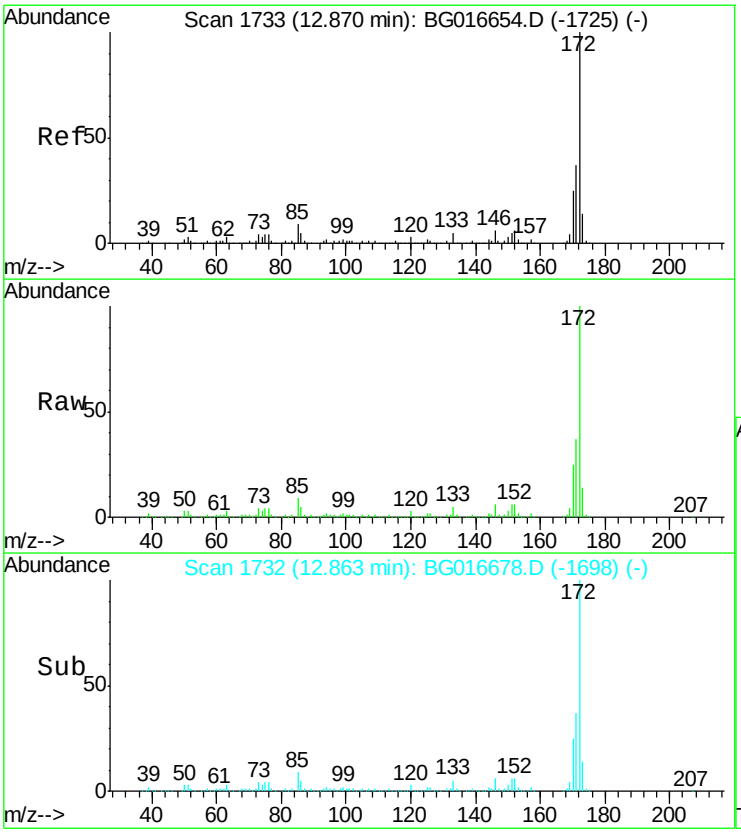
#41
2,4,6-Tribromophenol
Concen: 150.31 ng
RT: 15.74 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG016678.D
Acq: 24 Apr 2015 7:51

Instrument :
BNA_G
ClientSampleId :
MW-61

Tgt Ion:330 Resp: 148930

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.2	114.4
141	54.8	43.0	64.6

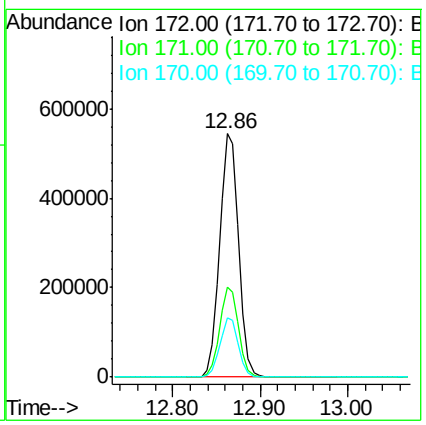


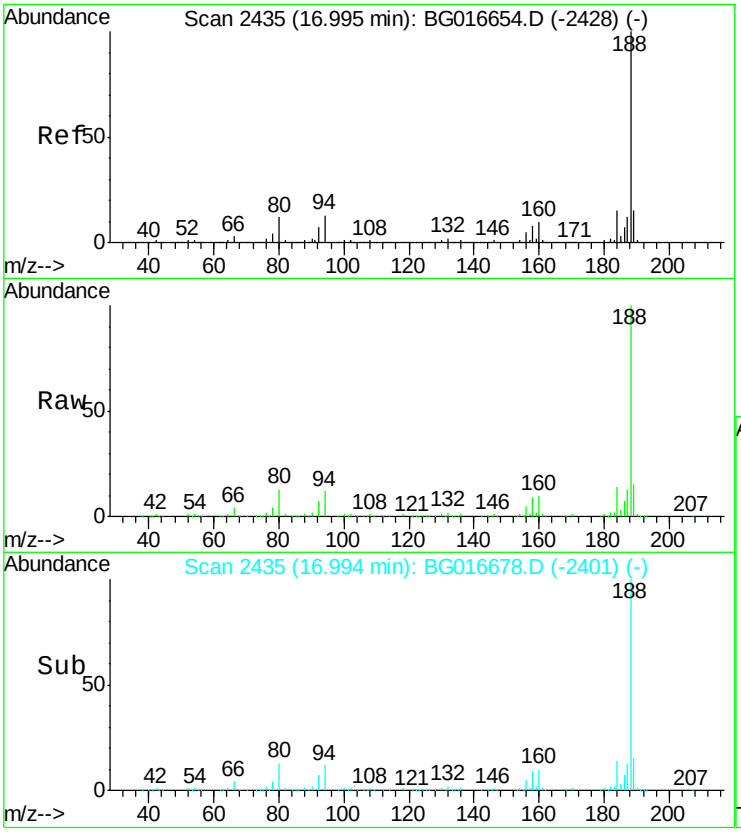


#44
2-Fluorobiphenyl
Concen: 97.97 ng
RT: 12.86 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG016678.D
Acq: 24 Apr 2015 7:51

Tgt Ion:172 Resp: 814382

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.9	44.9
170	24.5	19.8	29.8



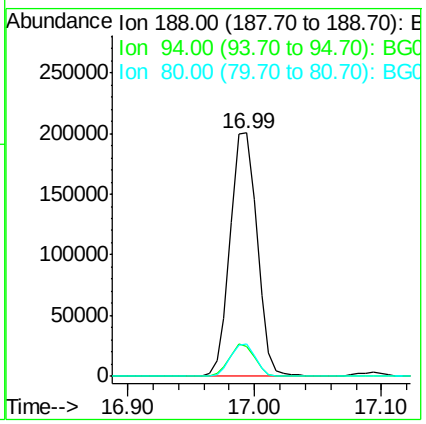


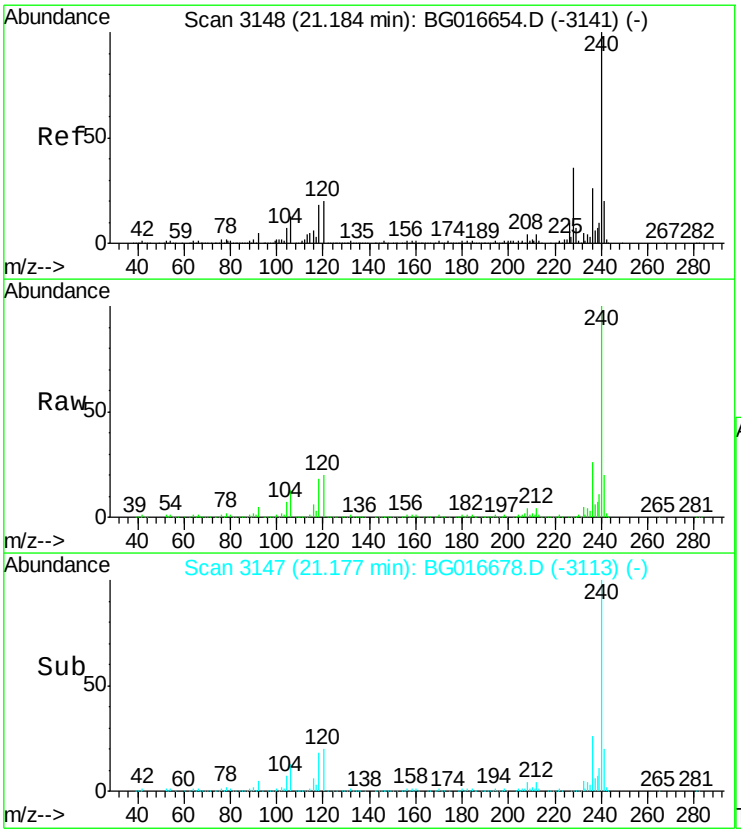
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG016678.D
Acq: 24 Apr 2015 7:51

Instrument :
BNA_G
ClientSampleId :
MW-61

Tgt Ion:188 Resp: 293622

Ion	Ratio	Lower	Upper
188	100		
94	12.2	10.7	16.1
80	13.5	9.9	14.9

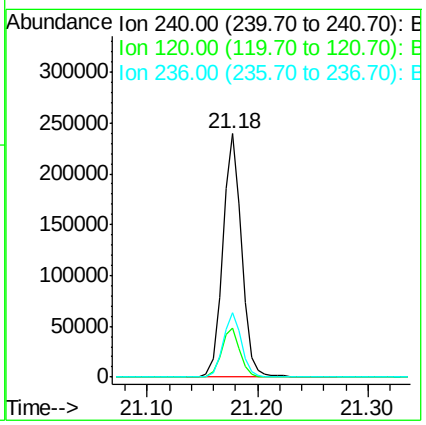


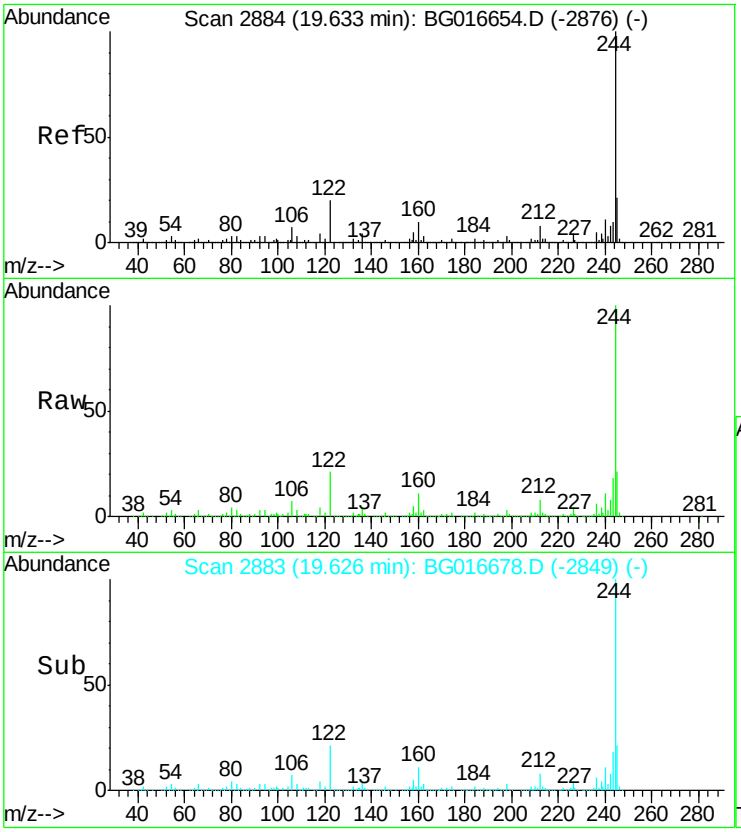


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG016678.D
Acq: 24 Apr 2015 7:51

Tgt Ion:240 Resp: 284104

Ion	Ratio	Lower	Upper
240	100		
120	20.1	16.3	24.5
236	26.3	21.1	31.7



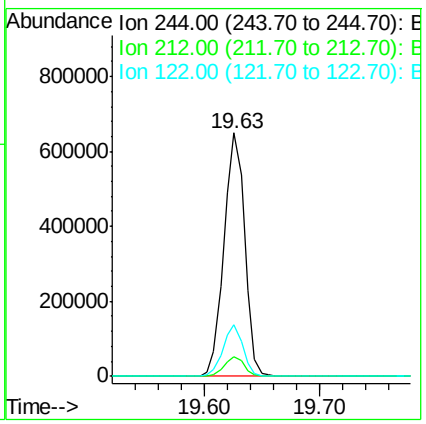


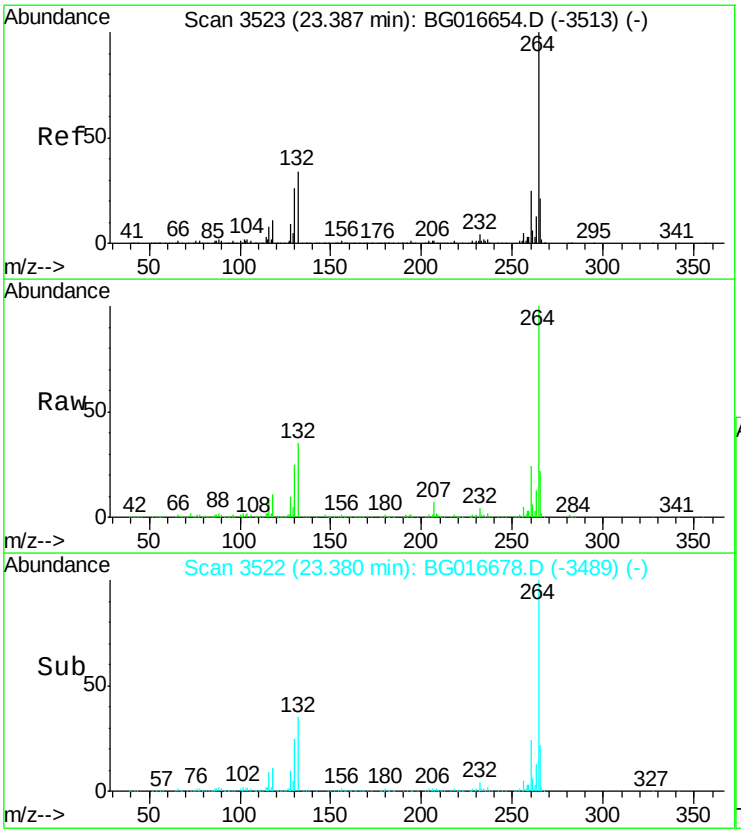
#78
Terphenyl-d14
Concen: 65.59 ng
RT: 19.63 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BG016678.D
Acq: 24 Apr 2015 7:51

Instrument :
BNA_G
ClientSampleId :
MW-61

Tgt Ion:244 Resp: 808956

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.4	9.6
122	21.1	15.9	23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.38 min Scan# 3522
Delta R.T. -0.01 min
Lab File: BG016678.D
Acq: 24 Apr 2015 7:51

Tgt Ion:264 Resp: 258719

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.0	30.0
265	22.0	16.8	25.2