Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017253.D
Acq On : 22 May 2015 19:31
Operator : TP/IZ
Sample : PB83561BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB83561BL

Quant Time: May 23 01:49:01 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 23 00:52:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	32333	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	126925	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	76453	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	170965	20.00	ng	0.00
75) Chrysene-d12	21.26	240	194845	20.00	ng	0.00
86) Perylene-d12	23.51	264	193373	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	248241	136.22	ng	0.00
7) Phenol-d6	6.89	99	320292	125.24	ng	0.00
23) Nitrobenzene-d5	8.84	82	210898	77.58	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	115916	125.42	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	420712	80.75	ng	0.00
78) Terphenyl-d14	19.71	244	732178	78.31	ng	0.00

Target Compounds	Qvalue

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

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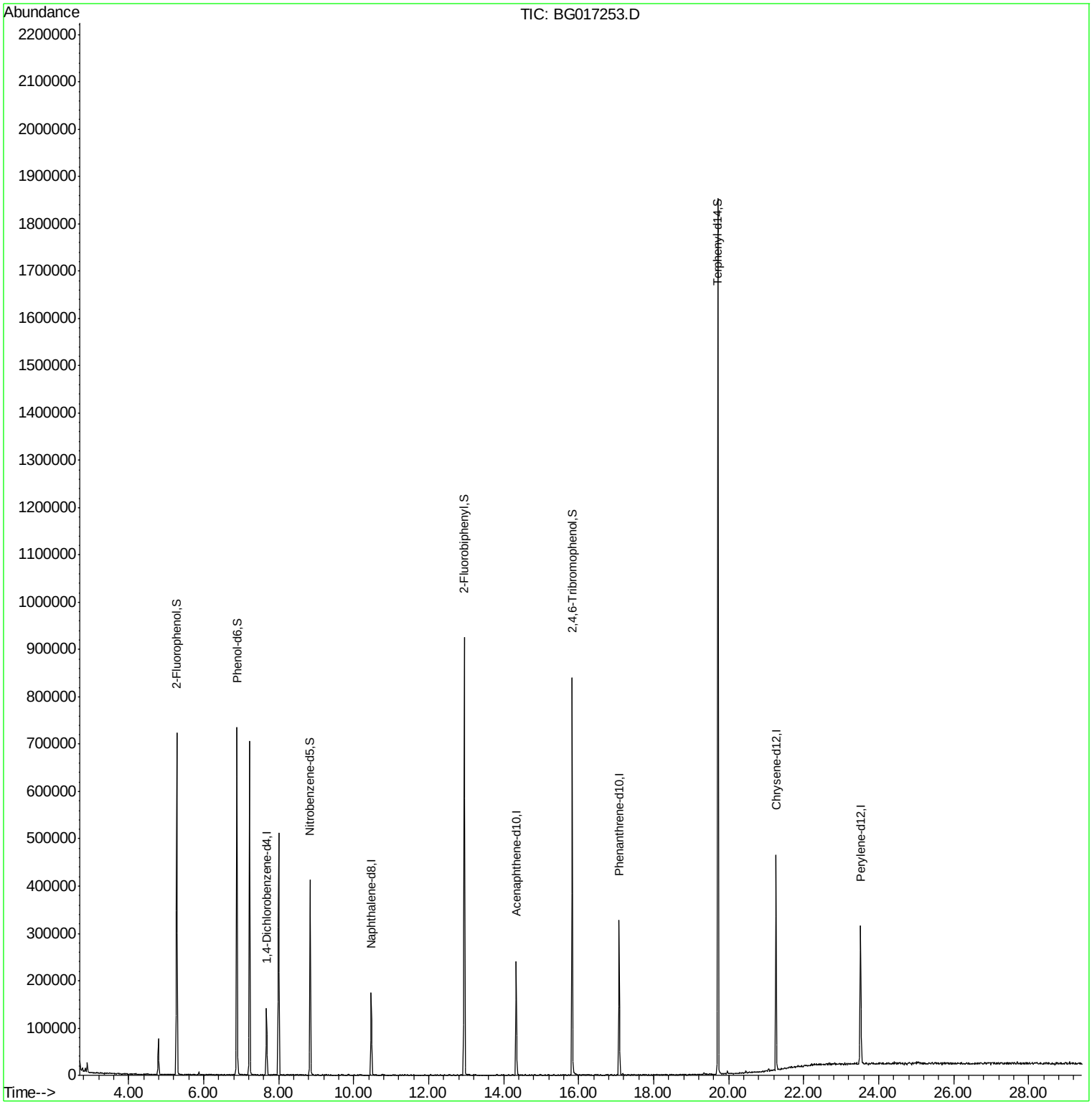
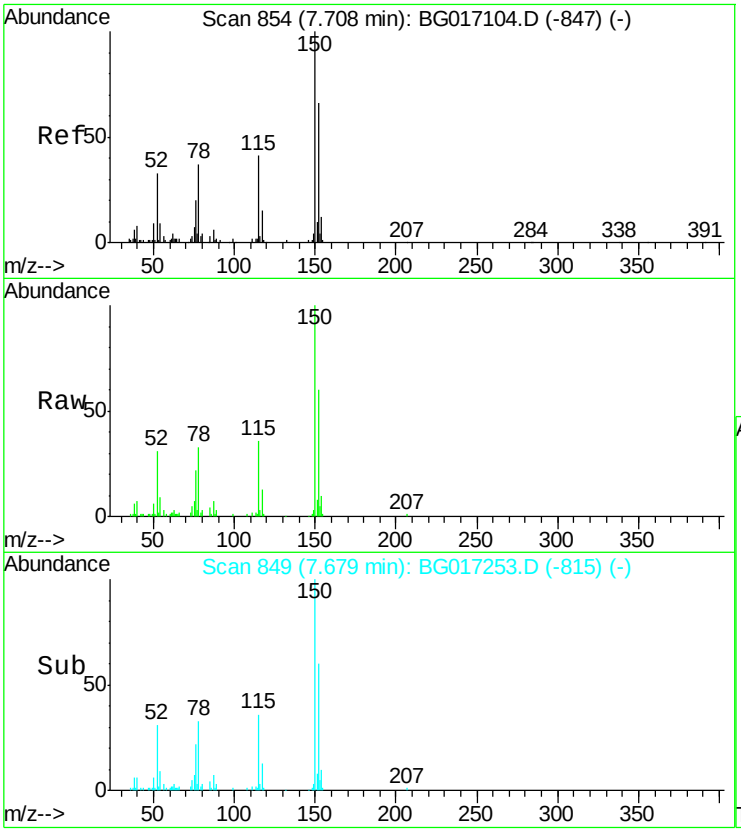


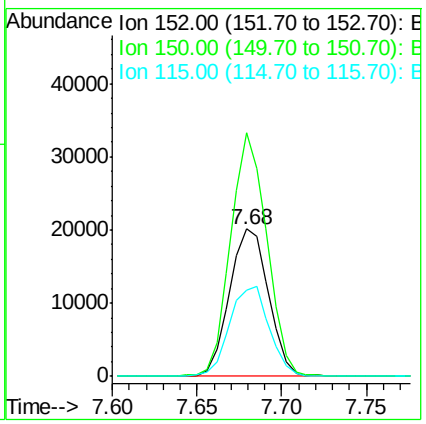


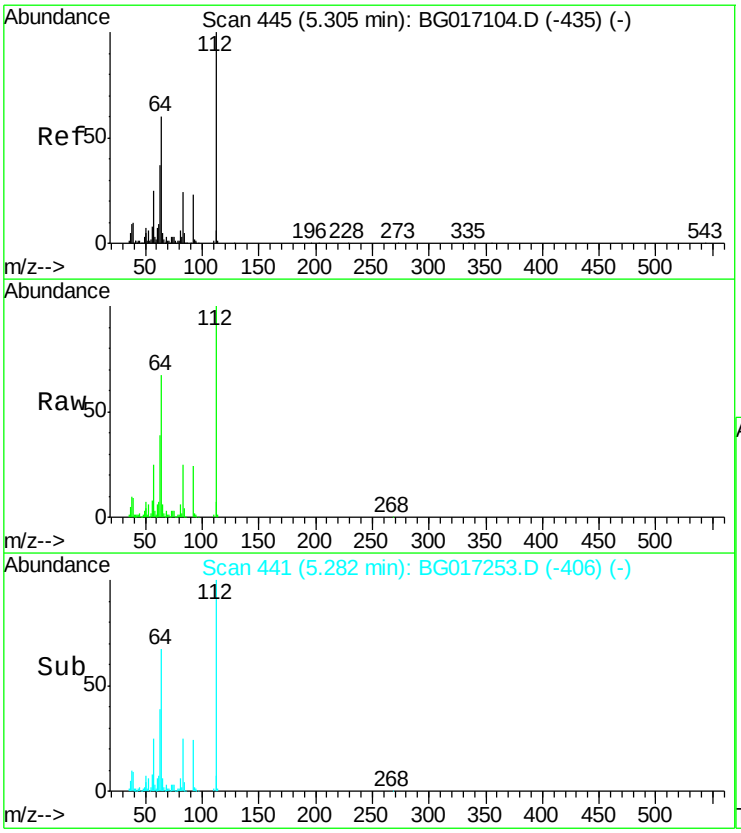
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG017253.D
Acq: 22 May 2015 19:31

Instrument :
BNA_G
ClientSampleId :
PB83561BL

Tgt Ion:152 Resp: 32333

Ion	Ratio	Lower	Upper
152	100		
150	165.4	120.8	181.2
115	58.8	49.4	74.2

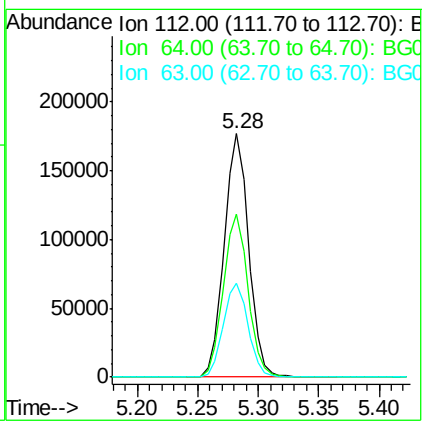


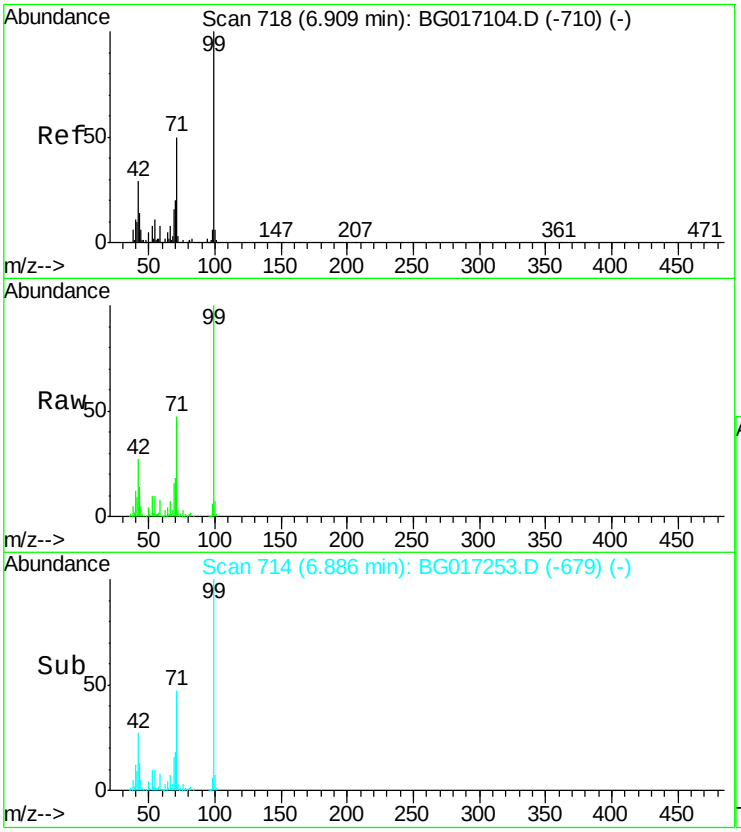


#5
2-Fluorophenol
Concen: 136.22 ng
RT: 5.28 min Scan# 441
Delta R.T. 0.00 min
Lab File: BG017253.D
Acq: 22 May 2015 19:31

Tgt Ion:112 Resp: 248241

Ion	Ratio	Lower	Upper
112	100		
64	66.9	48.1	72.1
63	38.7	29.8	44.8



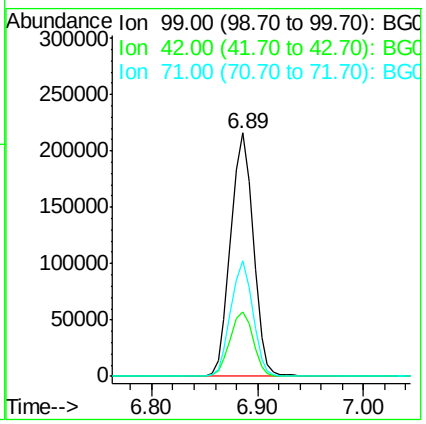


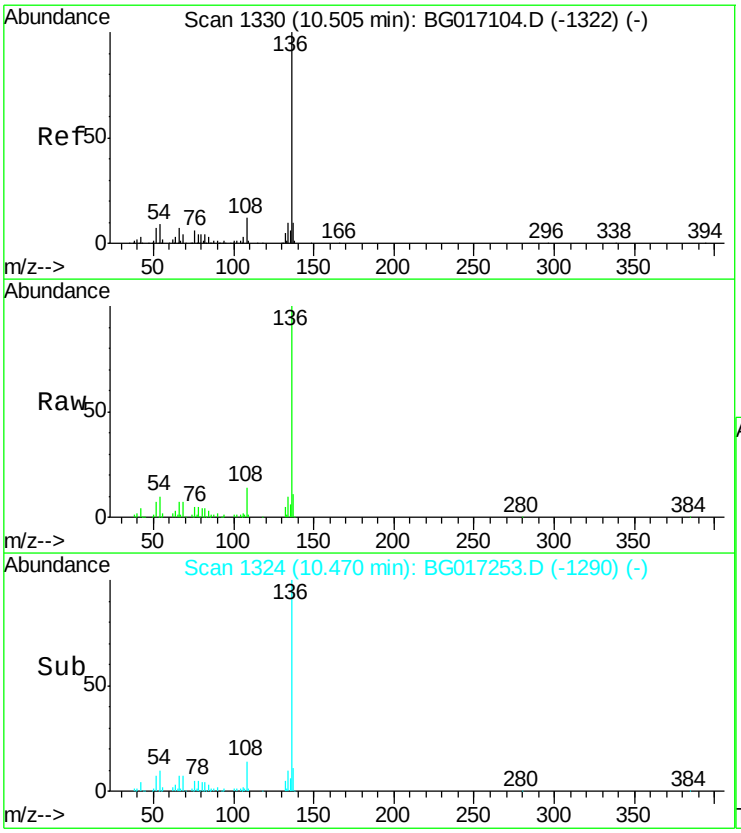
#7
Phenol-d6
Concen: 125.24 ng
RT: 6.89 min Scan# 714
Delta R.T. 0.00 min
Lab File: BG017253.D
Acq: 22 May 2015 19:31

Instrument :
BNA_G
ClientSampleId :
PB83561BL

Tgt Ion: 99 Resp: 320292

Ion	Ratio	Lower	Upper
99	100		
42	26.7	23.5	35.3
71	47.3	39.8	59.8

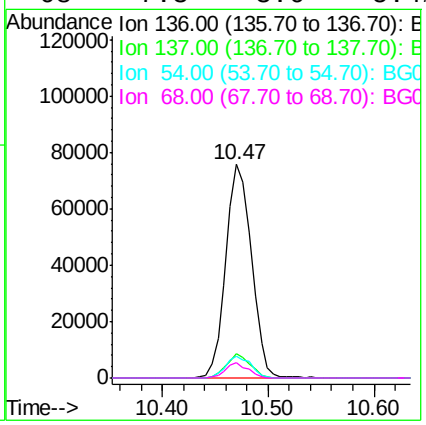


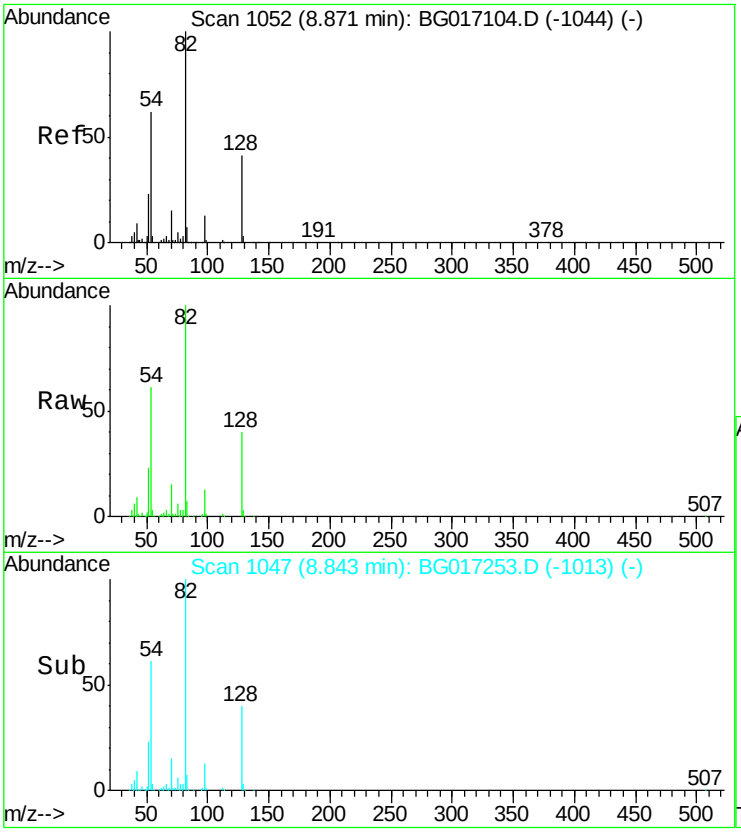


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG017253.D
Acq: 22 May 2015 19:31

Tgt Ion:136 Resp: 126925

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.3	12.5
54	9.9	7.4	11.2
68	7.3	3.6	5.4#



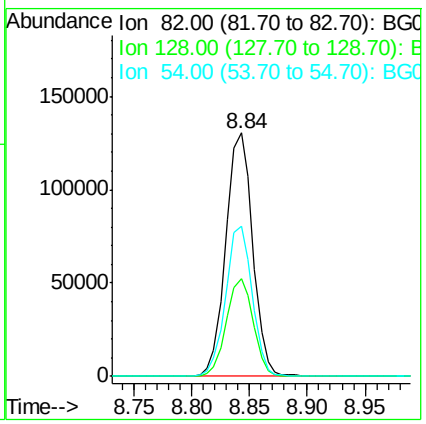


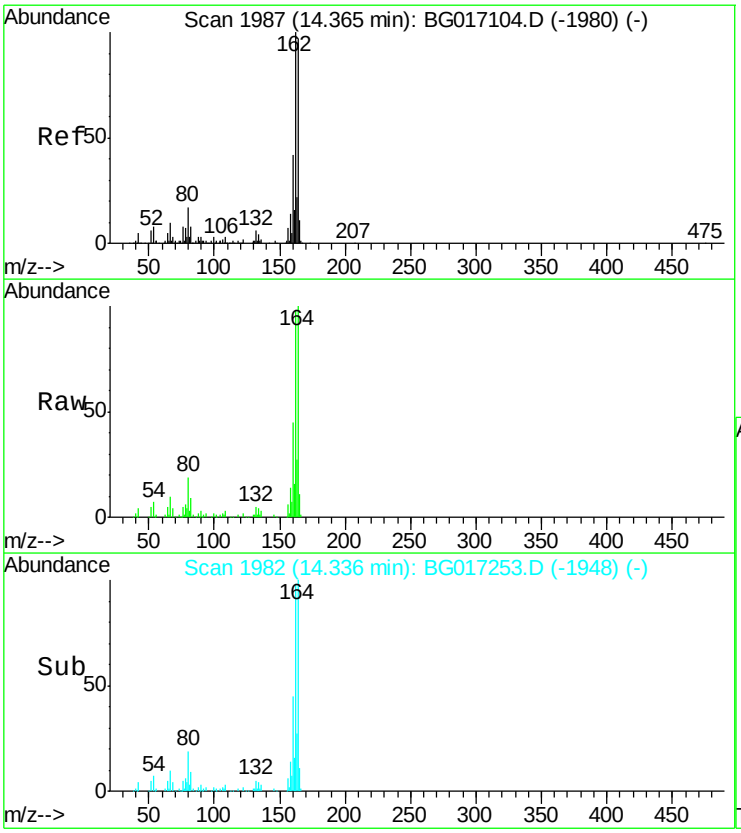
#23
Nitrobenzene-d5
Concen: 77.58 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG017253.D
Acq: 22 May 2015 19:31

Instrument :
BNA_G
ClientSampleId :
PB83561BL

Tgt Ion: 82 Resp: 210898

Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.6	49.0
54	61.5	49.6	74.4

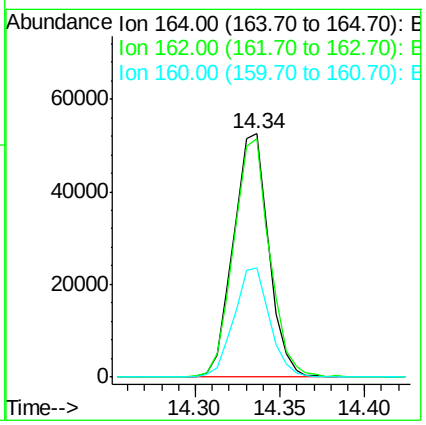


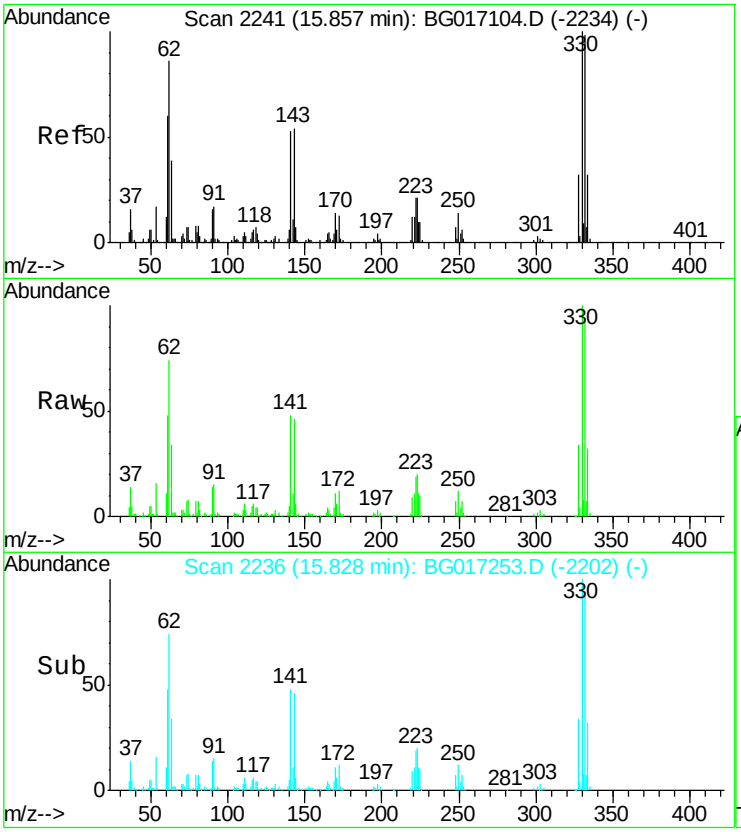


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG017253.D
Acq: 22 May 2015 19:31

Tgt Ion:164 Resp: 76453

Ion	Ratio	Lower	Upper
164	100		
162	98.2	82.1	123.1
160	44.9	34.8	52.2



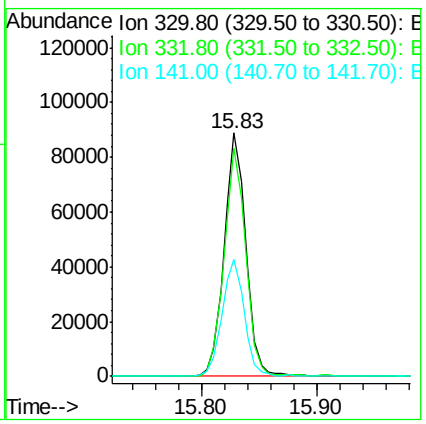


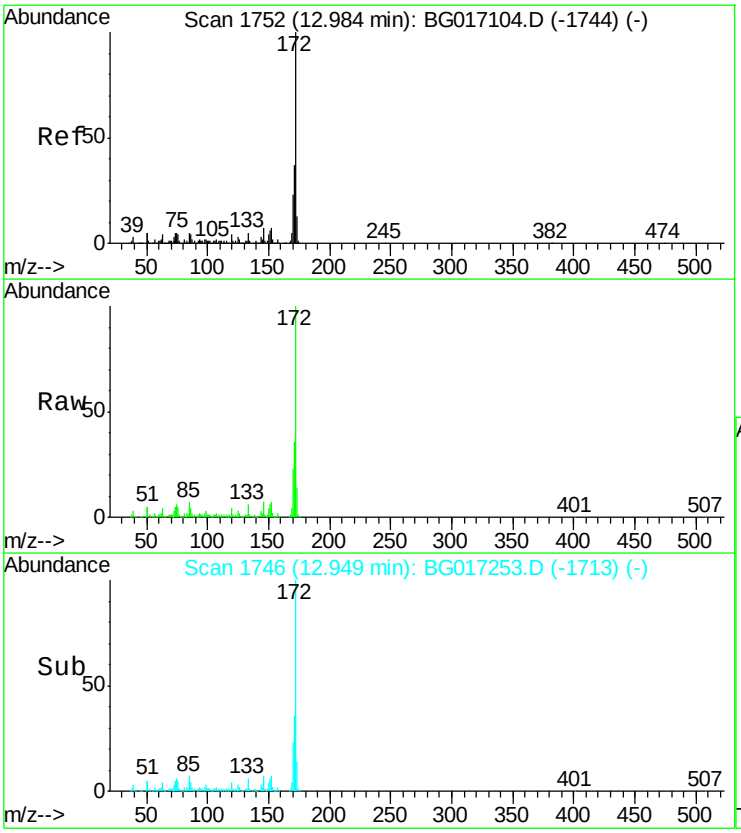
#41
2,4,6-Tribromophenol
Concen: 125.42 ng
RT: 15.83 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BG017253.D
Acq: 22 May 2015 19:31

Instrument :
BNA_G
ClientSampleId :
PB83561BL

Tgt Ion:330 Resp: 115916

Ion	Ratio	Lower	Upper
330	100		
332	93.2	76.9	115.3
141	48.6	42.2	63.2

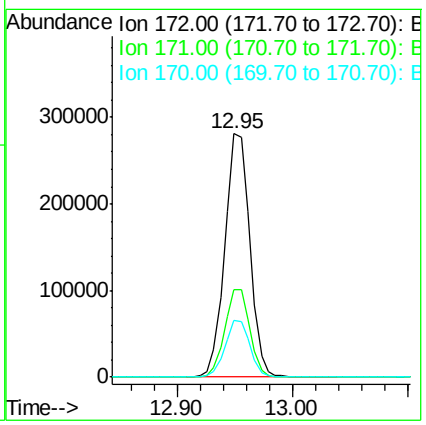


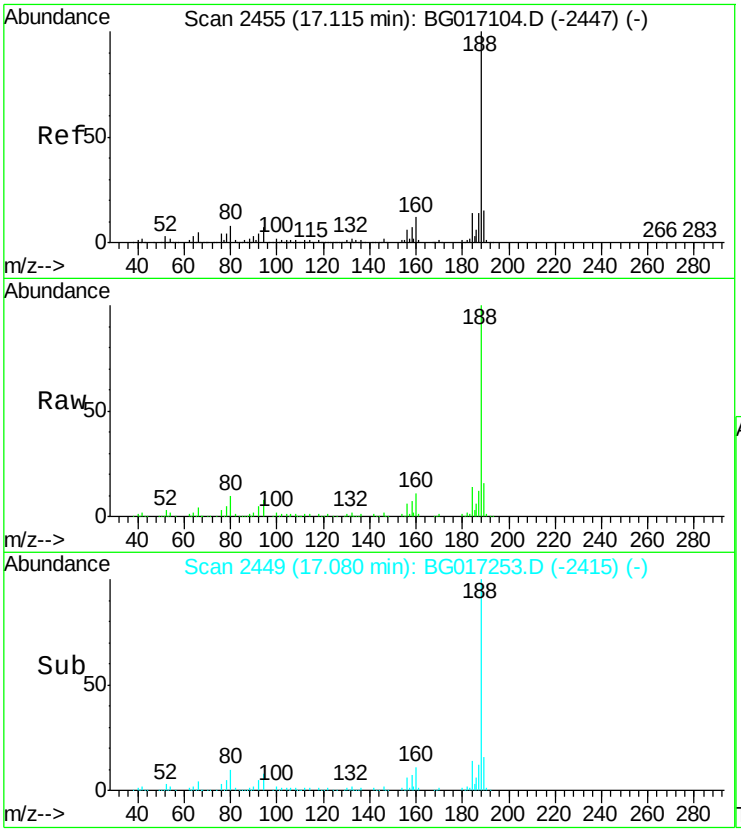


#44
2-Fluorobiphenyl
Concen: 80.75 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG017253.D
Acq: 22 May 2015 19:31

Tgt Ion:172 Resp: 420712

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.2	18.4	27.6



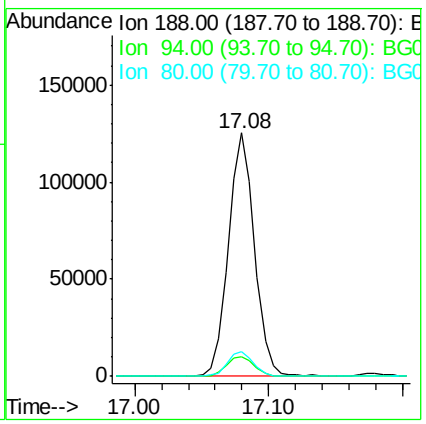


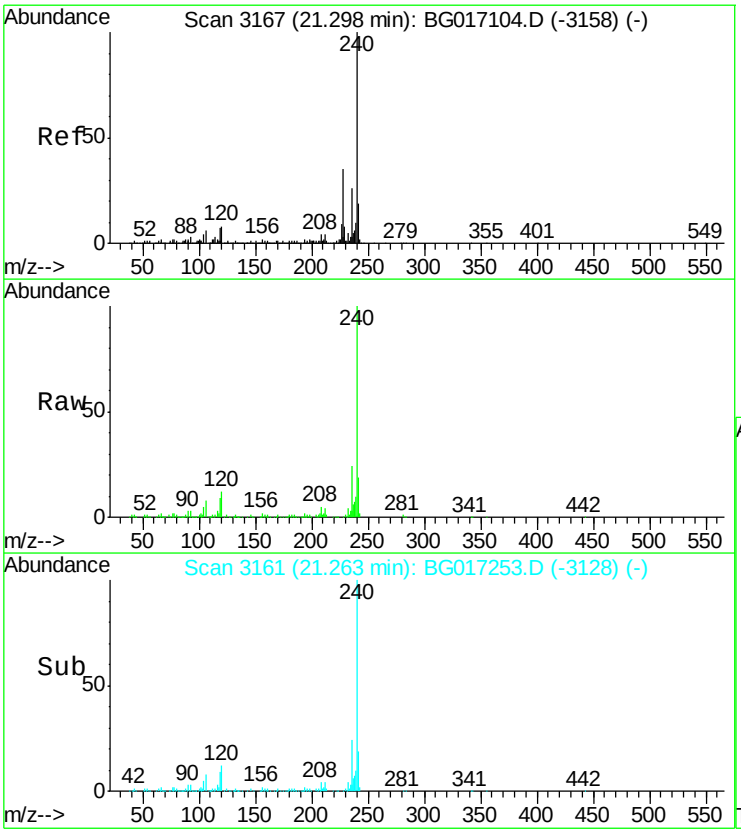
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG017253.D
Acq: 22 May 2015 19:31

Instrument :
BNA_G
ClientSampleId :
PB83561BL

Tgt Ion:188 Resp: 170965

Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.8	8.6
80	10.2	6.5	9.7#

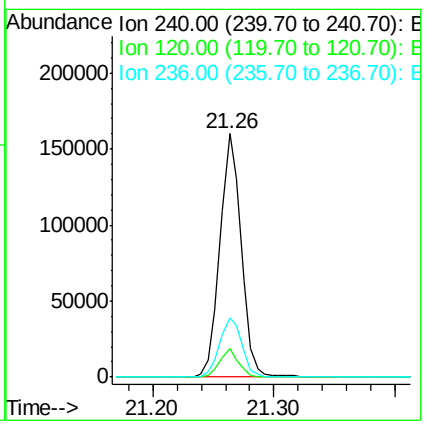


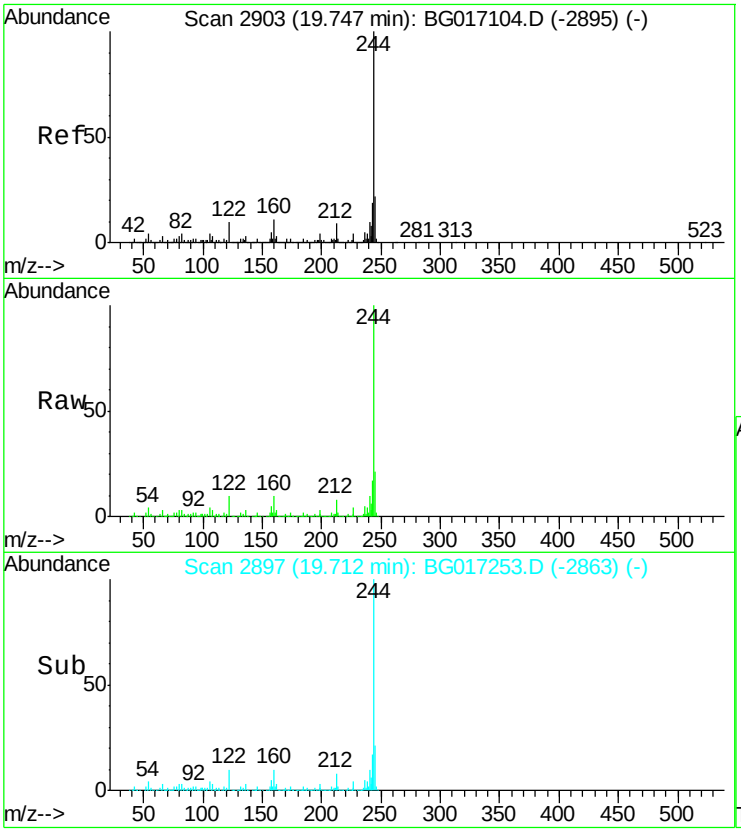


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.26 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG017253.D
Acq: 22 May 2015 19:31

Tgt Ion:240 Resp: 194845

Ion	Ratio	Lower	Upper
240	100		
120	11.9	6.0	9.0#
236	24.3	20.5	30.7



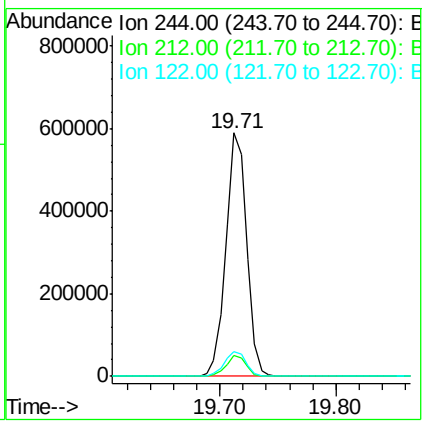


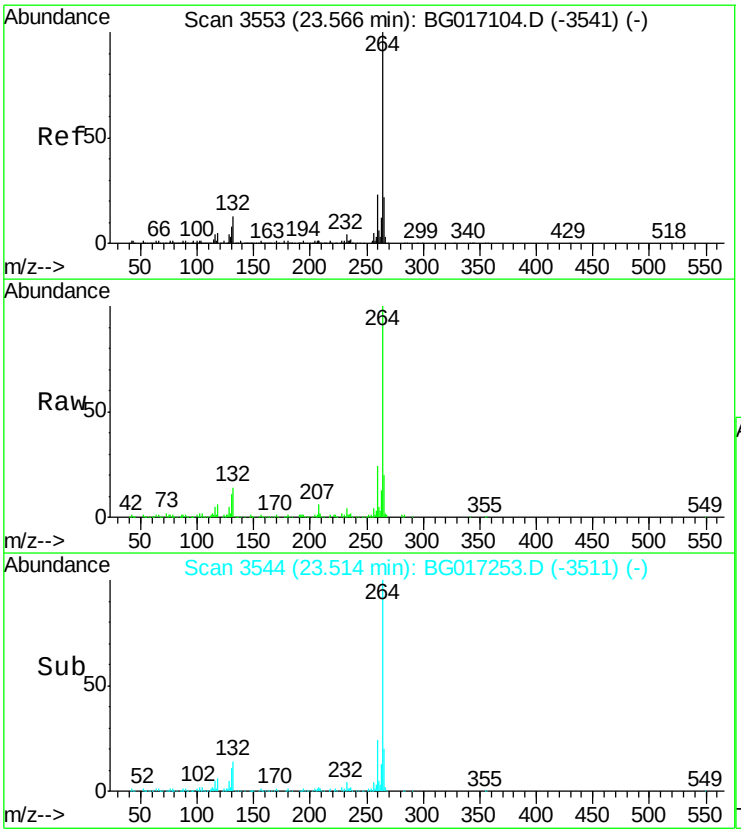
#78
Terphenyl-d14
Concen: 78.31 ng
RT: 19.71 min Scan# 2897
Delta R.T. -0.00 min
Lab File: BG017253.D
Acq: 22 May 2015 19:31

Instrument :
BNA_G
ClientSampleId :
PB83561BL

Tgt Ion:244 Resp: 732178

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.4
122	10.4	8.4	12.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.51 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG017253.D
Acq: 22 May 2015 19:31

Tgt Ion:264 Resp: 193373

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.0	27.0
265	20.1	17.4	26.0