Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
Data File : BG017186.D
Acq On : 15 May 2015 21:17
Operator : TP/IZ
Sample : G2234-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW12

Quant Time: May 16 01:03:38 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 16 00:01:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	38790	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	163106	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	110347	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	265492	20.00	ng	0.00
75) Chrysene-d12	21.29	240	296152	20.00	ng	0.00
86) Perylene-d12	23.56	264	290418	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	150540	68.86	ng	0.00
7) Phenol-d6	6.91	99	127902	41.69	ng	0.00
23) Nitrobenzene-d5	8.86	82	300940	86.14	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	189535	142.09	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	632261	84.08	ng	0.00
78) Terphenyl-d14	19.74	244	1108550	78.00	ng	0.00
Target Compounds						Qvalue

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

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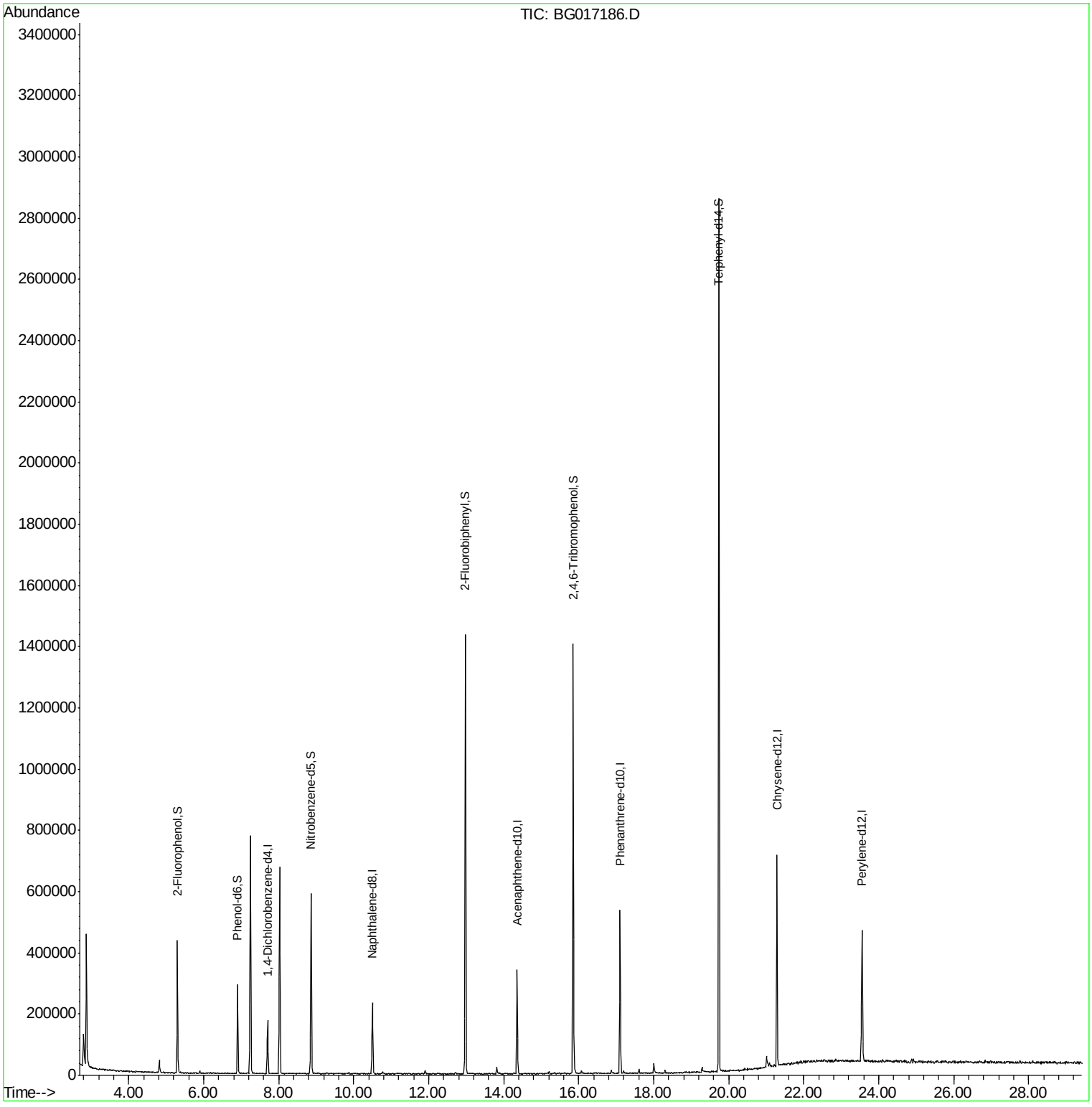
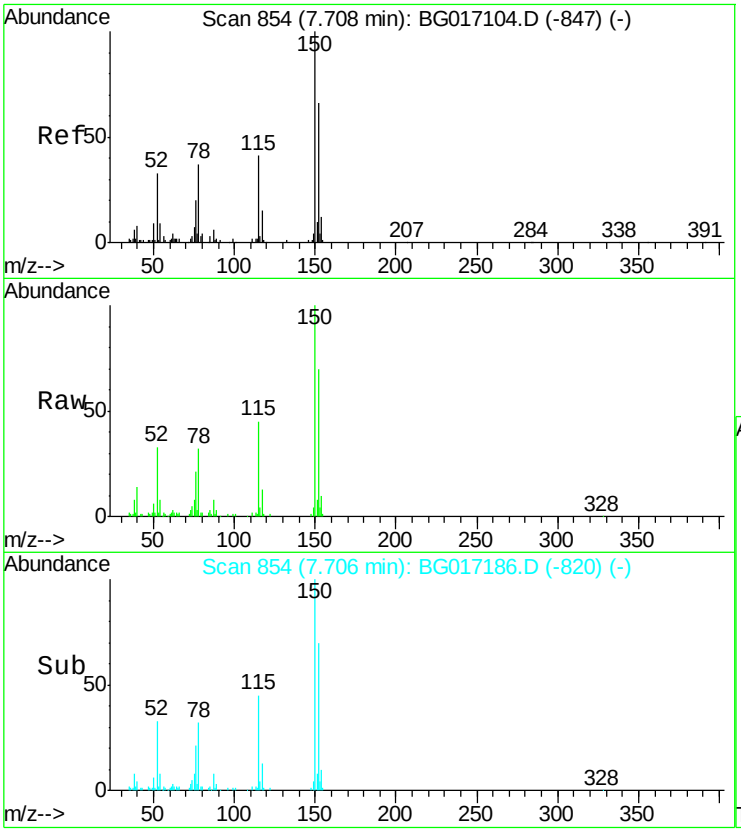


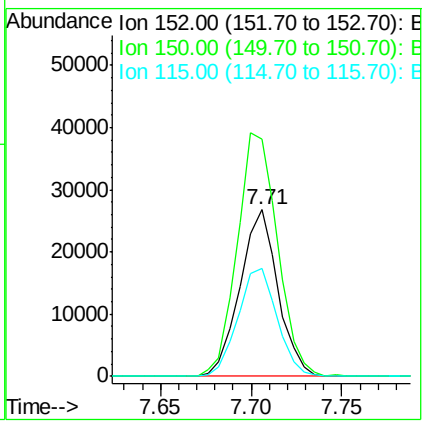


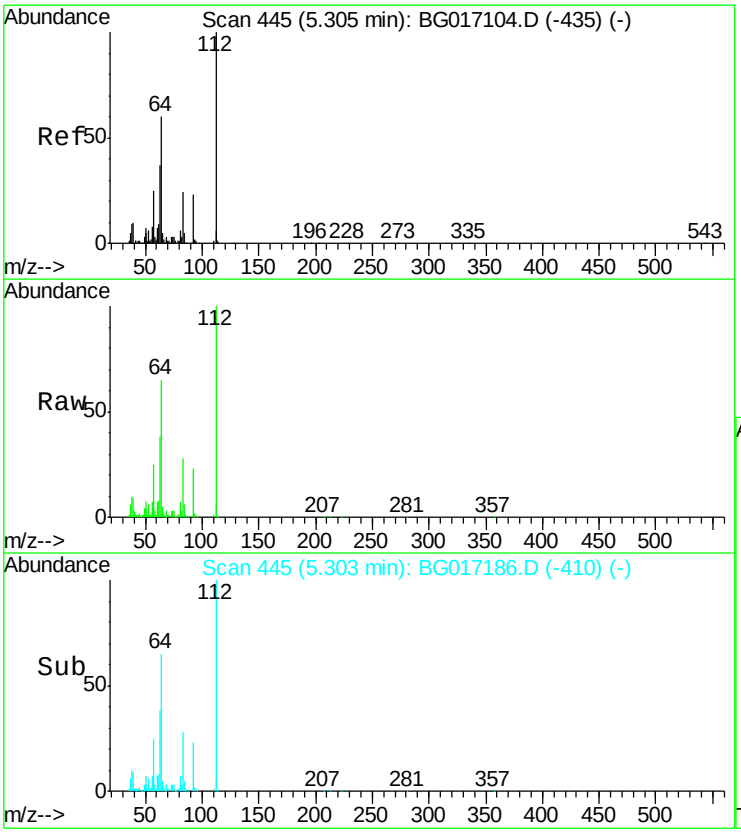
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG017186.D
Acq: 15 May 2015 21:17

Instrument :
BNA_G
ClientSampleId :
MW12

Tgt Ion:152 Resp: 38790

Ion	Ratio	Lower	Upper
152	100		
150	142.9	120.8	181.2
115	64.7	49.4	74.2

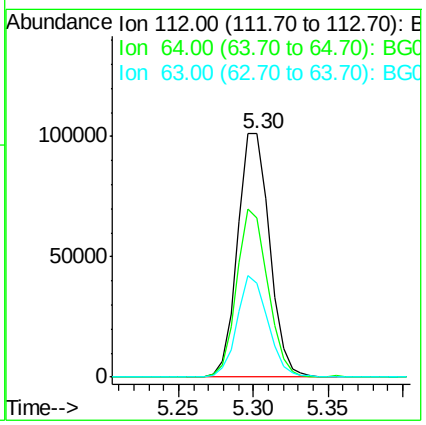


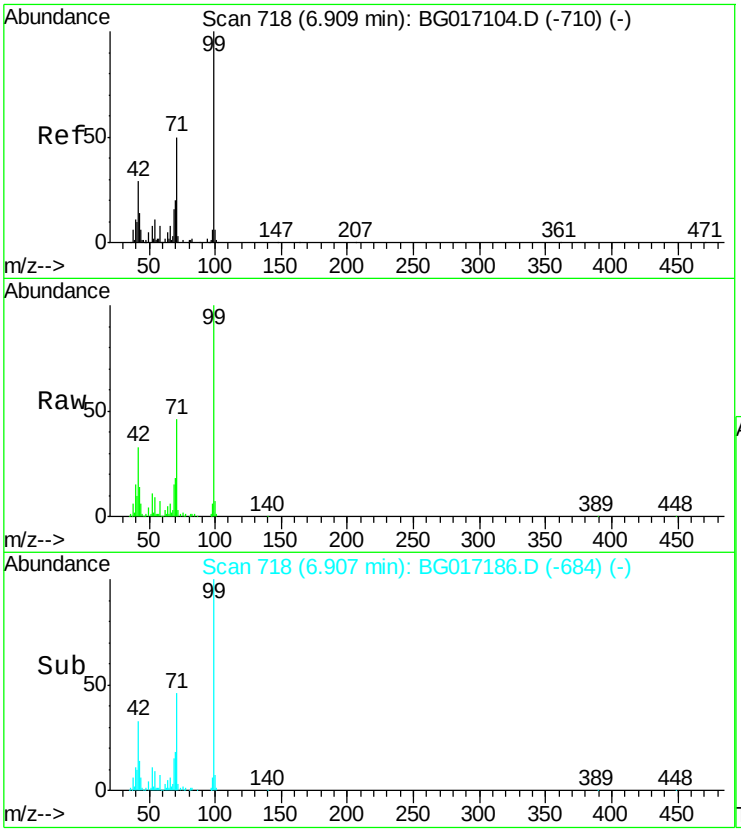


#5
2-Fluorophenol
Concen: 68.86 ng
RT: 5.30 min Scan# 445
Delta R.T. 0.01 min
Lab File: BG017186.D
Acq: 15 May 2015 21:17

Tgt Ion:112 Resp: 150540

Ion	Ratio	Lower	Upper
112	100		
64	65.4	48.1	72.1
63	38.3	29.8	44.8



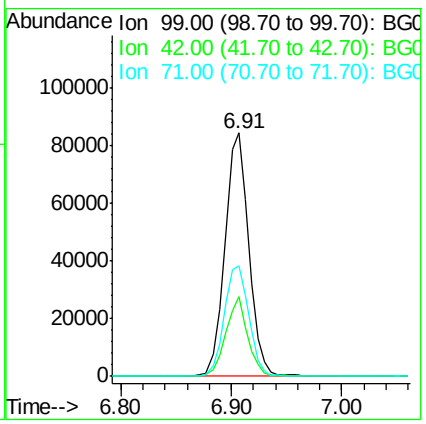


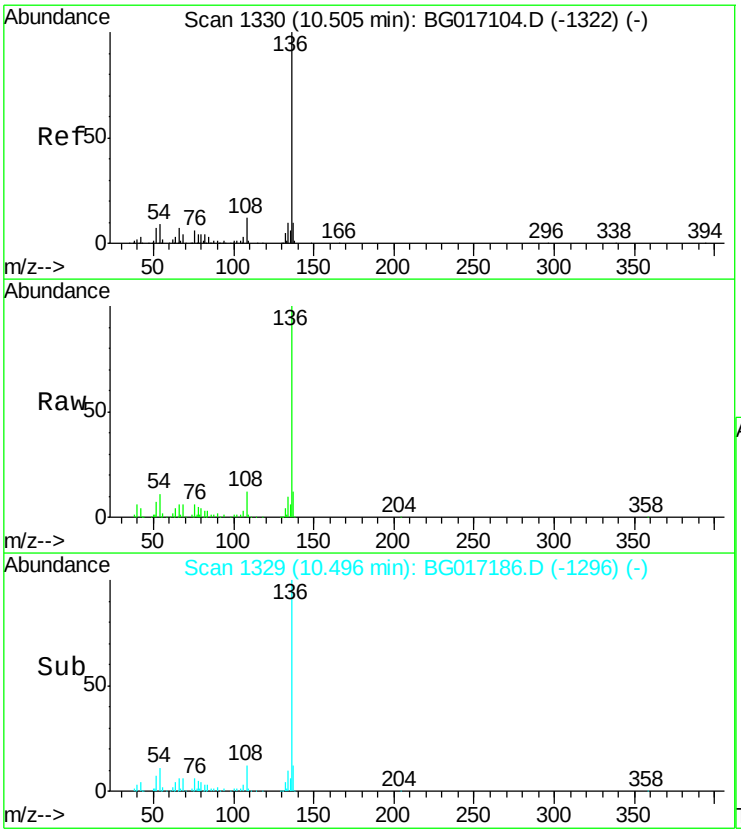
#7
Phenol-d6
Concen: 41.69 ng
RT: 6.91 min Scan# 718
Delta R.T. 0.00 min
Lab File: BG017186.D
Acq: 15 May 2015 21:17

Instrument :
BNA_G
ClientSampleId :
MW12

Tgt Ion: 99 Resp: 127902

Ion	Ratio	Lower	Upper
99	100		
42	32.6	23.5	35.3
71	45.5	39.8	59.8

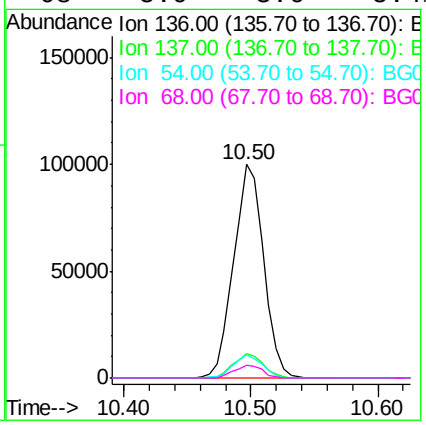


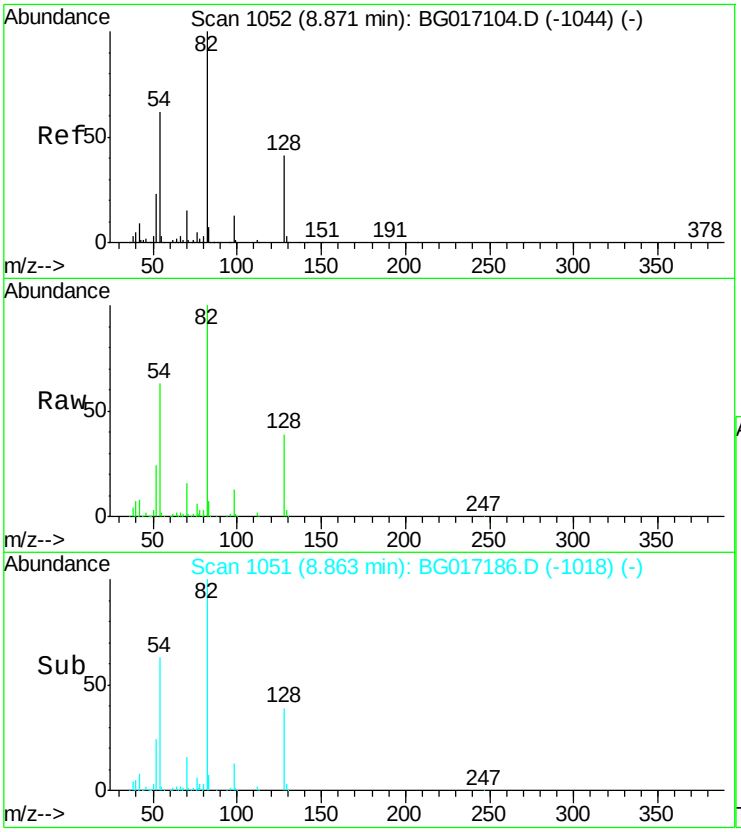


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG017186.D
Acq: 15 May 2015 21:17

Tgt Ion:136 Resp: 163106

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.3	12.5
54	11.0	7.4	11.2
68	5.9	3.6	5.4#



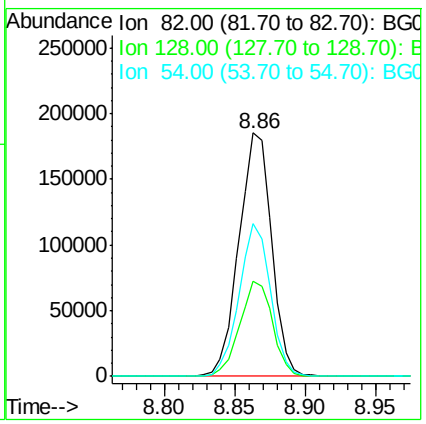


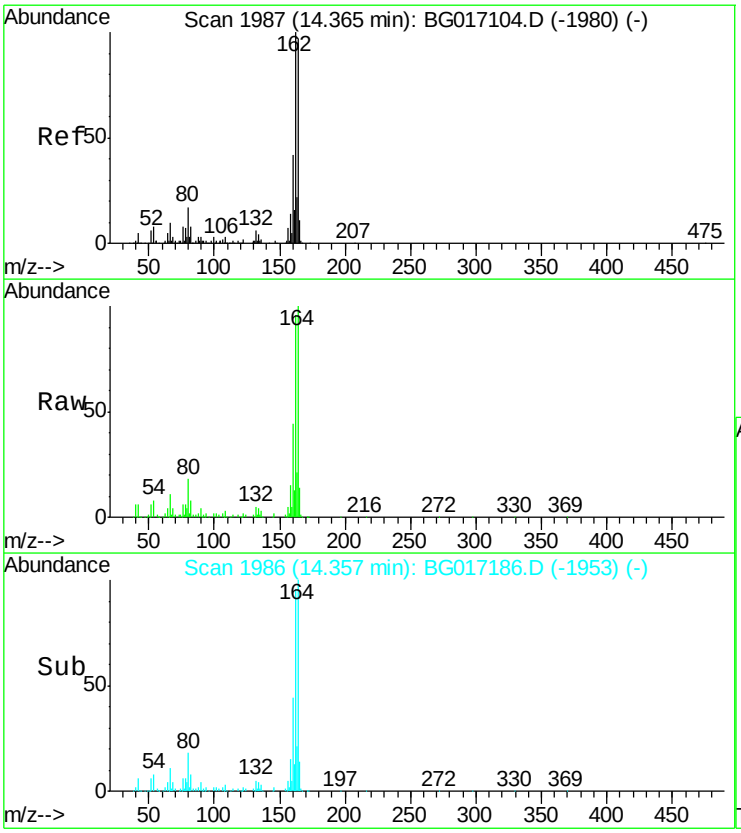
#23
Nitrobenzene-d5
Concen: 86.14 ng
RT: 8.86 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG017186.D
Acq: 15 May 2015 21:17

Instrument :
BNA_G
ClientSampleId :
MW12

Tgt Ion: 82 Resp: 300940

Ion	Ratio	Lower	Upper
82	100		
128	39.3	32.6	49.0
54	62.5	49.6	74.4

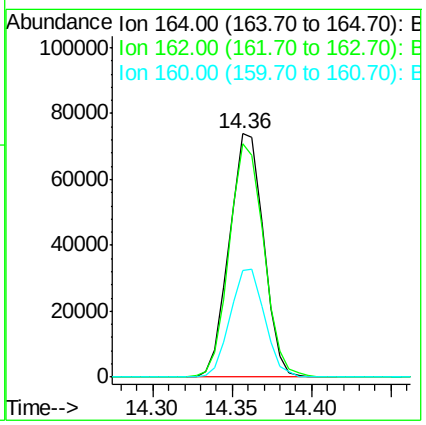


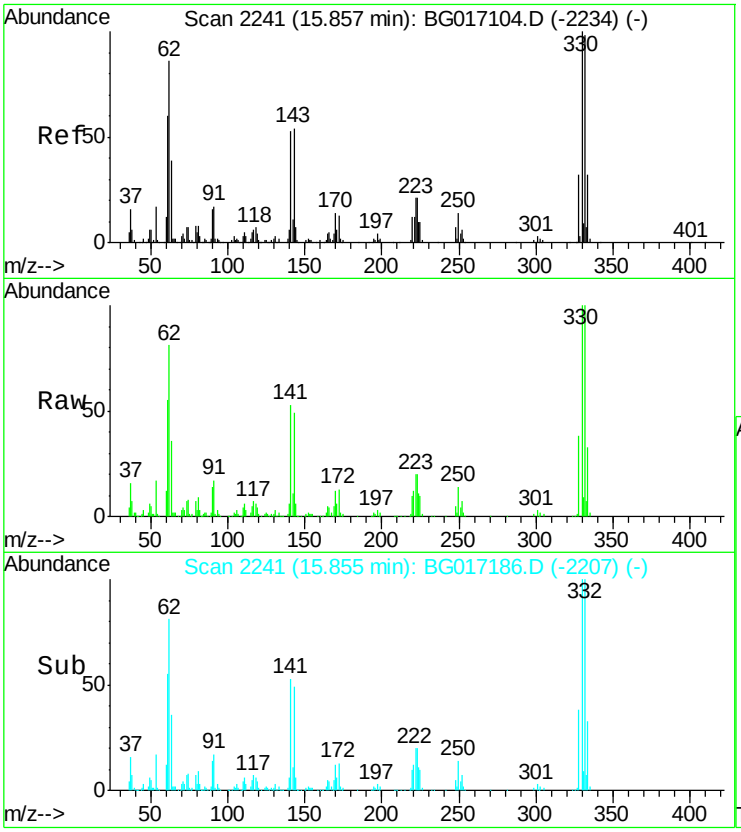


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.36 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG017186.D
Acq: 15 May 2015 21:17

Tgt Ion:164 Resp: 110347

Ion	Ratio	Lower	Upper
164	100		
162	96.0	82.1	123.1
160	43.7	34.8	52.2



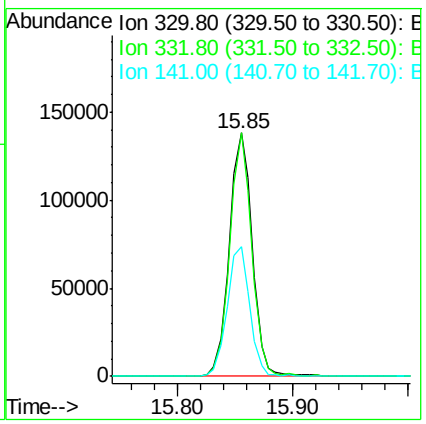


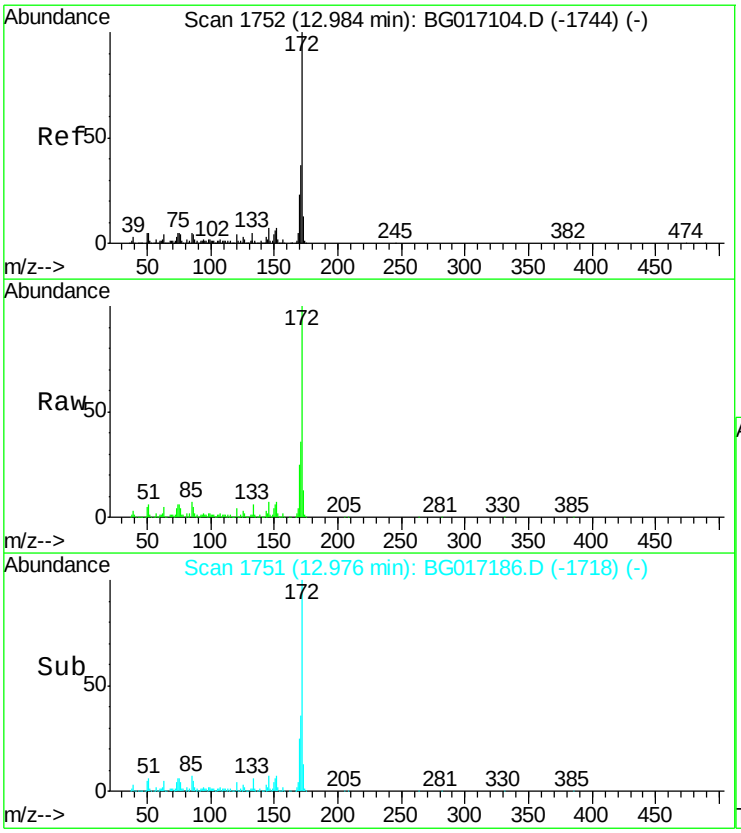
#41
2,4,6-Tribromophenol
Concen: 142.09 ng
RT: 15.85 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BG017186.D
Acq: 15 May 2015 21:17

Instrument :
BNA_G
ClientSampleId :
MW12

Tgt Ion:330 Resp: 189535

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	52.6	42.2	63.2

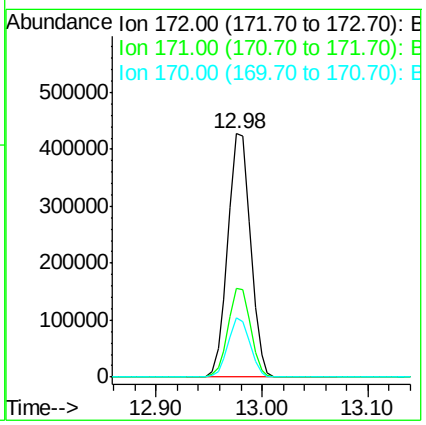


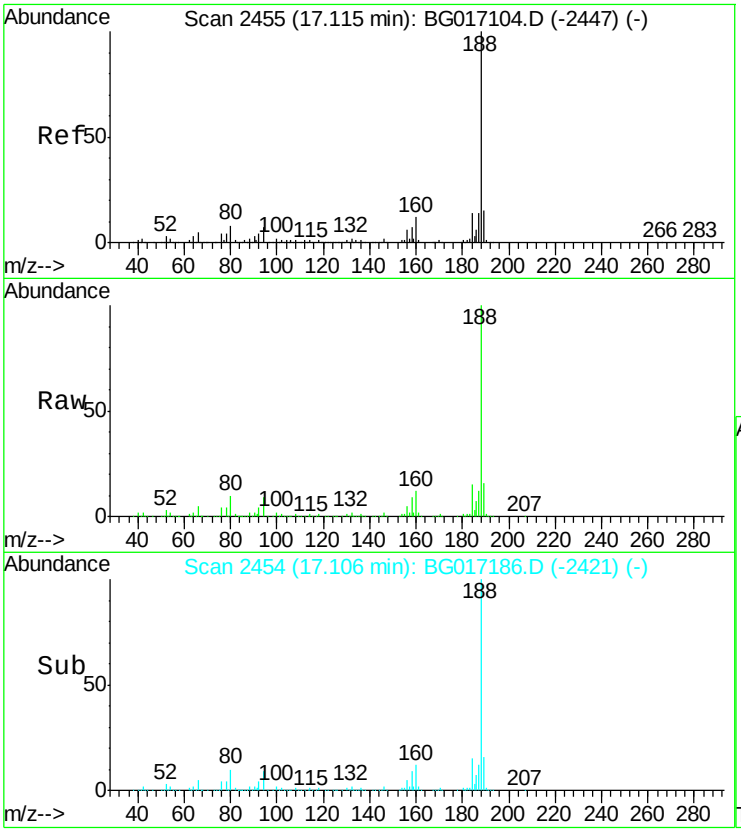


#44
2-Fluorobiphenyl
Concen: 84.08 ng
RT: 12.98 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG017186.D
Acq: 15 May 2015 21:17

Tgt Ion:172 Resp: 632261

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.6	18.4	27.6



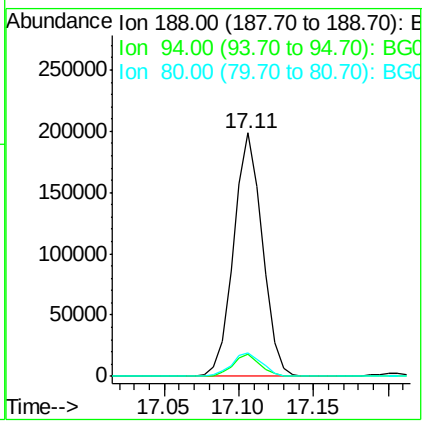


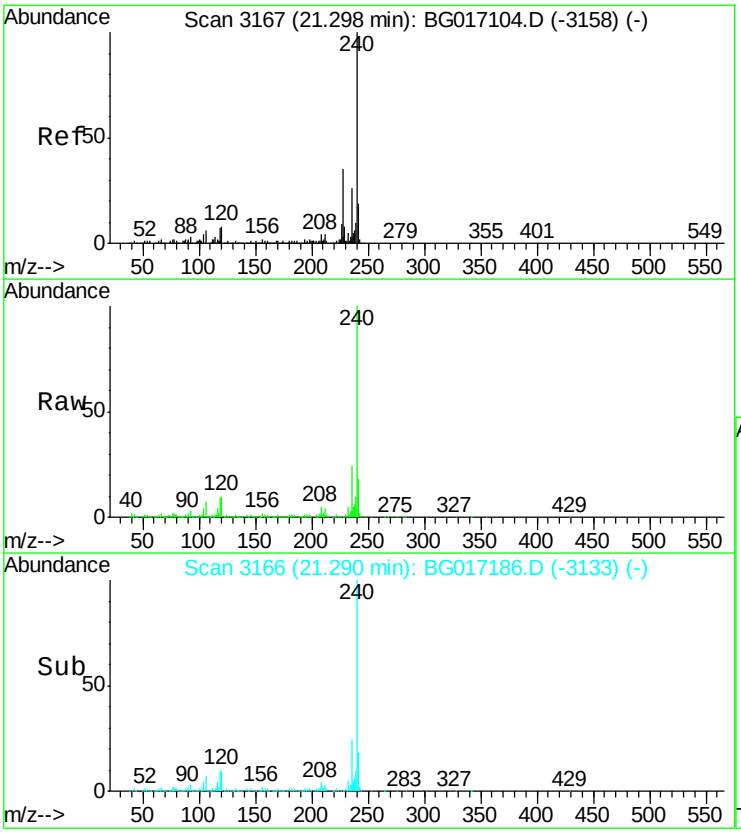
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG017186.D
Acq: 15 May 2015 21:17

Instrument :
BNA_G
ClientSampleId :
MW12

Tgt Ion:188 Resp: 265492

Ion	Ratio	Lower	Upper
188	100		
94	9.0	5.8	8.6#
80	9.7	6.5	9.7

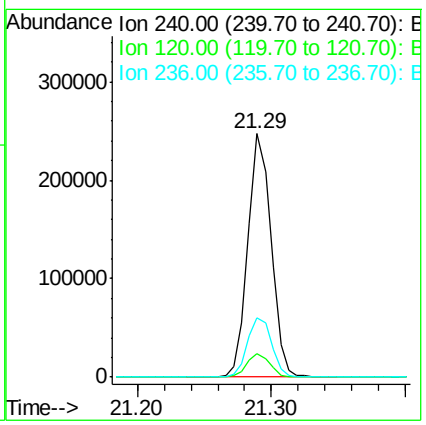


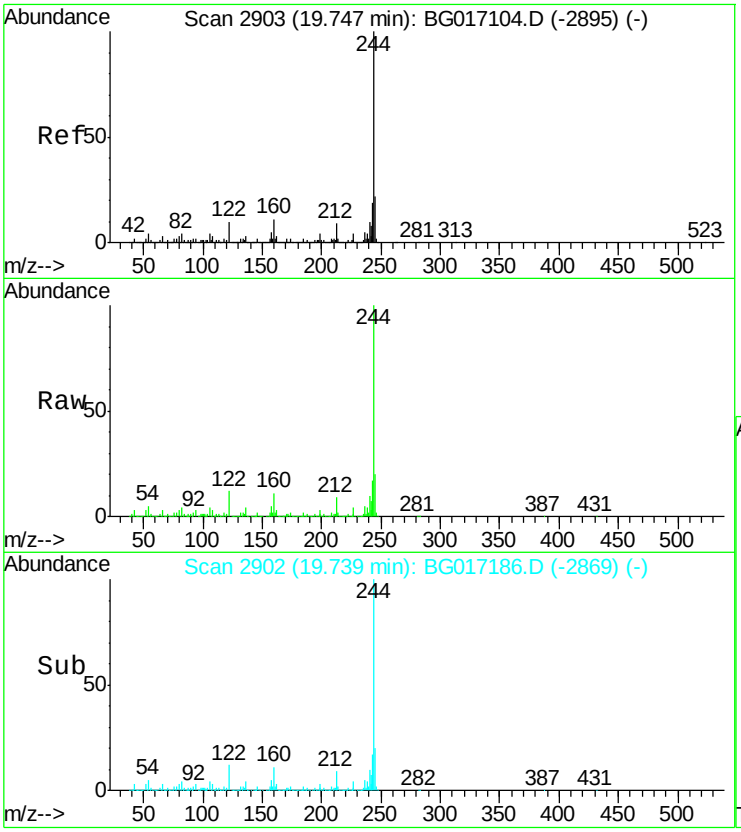


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG017186.D
Acq: 15 May 2015 21:17

Tgt Ion:240 Resp: 296152

Ion	Ratio	Lower	Upper
240	100		
120	9.5	6.0	9.0#
236	24.3	20.5	30.7



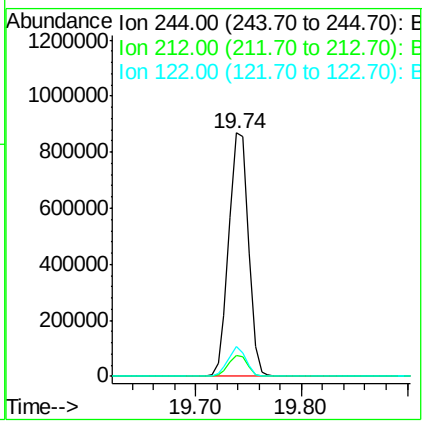


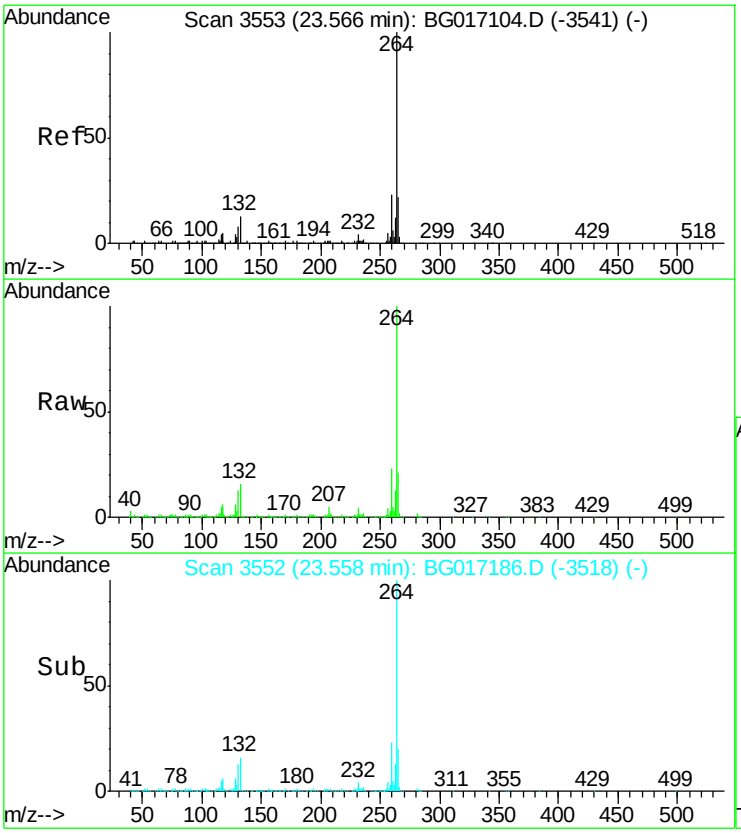
#78
Terphenyl-d14
Concen: 78.00 ng
RT: 19.74 min Scan# 2902
Delta R.T. -0.01 min
Lab File: BG017186.D
Acq: 15 May 2015 21:17

Instrument :
BNA_G
ClientSampleId :
MW12

Tgt Ion:244 Resp: 1108550

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.4
122	12.3	8.4	12.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.56 min Scan# 3552
Delta R.T. 0.00 min
Lab File: BG017186.D
Acq: 15 May 2015 21:17

Tgt Ion:264 Resp: 290418

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.0	27.0
265	20.6	17.4	26.0