Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017138.D
Acq On : 14 May 2015 13:47
Operator : TP/IZ
Sample : PB83313BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB83313BL

Quant Time: May 15 04:45:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 16:12:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	50298	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	213893	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	135520	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	331112	20.00	ng	0.00
75) Chrysene-d12	21.29	240	334394	20.00	ng	0.00
86) Perylene-d12	23.56	264	320394	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	412771	145.60	ng	0.00
7) Phenol-d6	6.91	99	555437	139.61	ng	0.00
23) Nitrobenzene-d5	8.86	82	356362	77.78	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	223614	136.50	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	735884	79.68	ng	0.00
78) Terphenyl-d14	19.74	244	1343050	83.70	ng	0.00
Target Compounds						Qvalue

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

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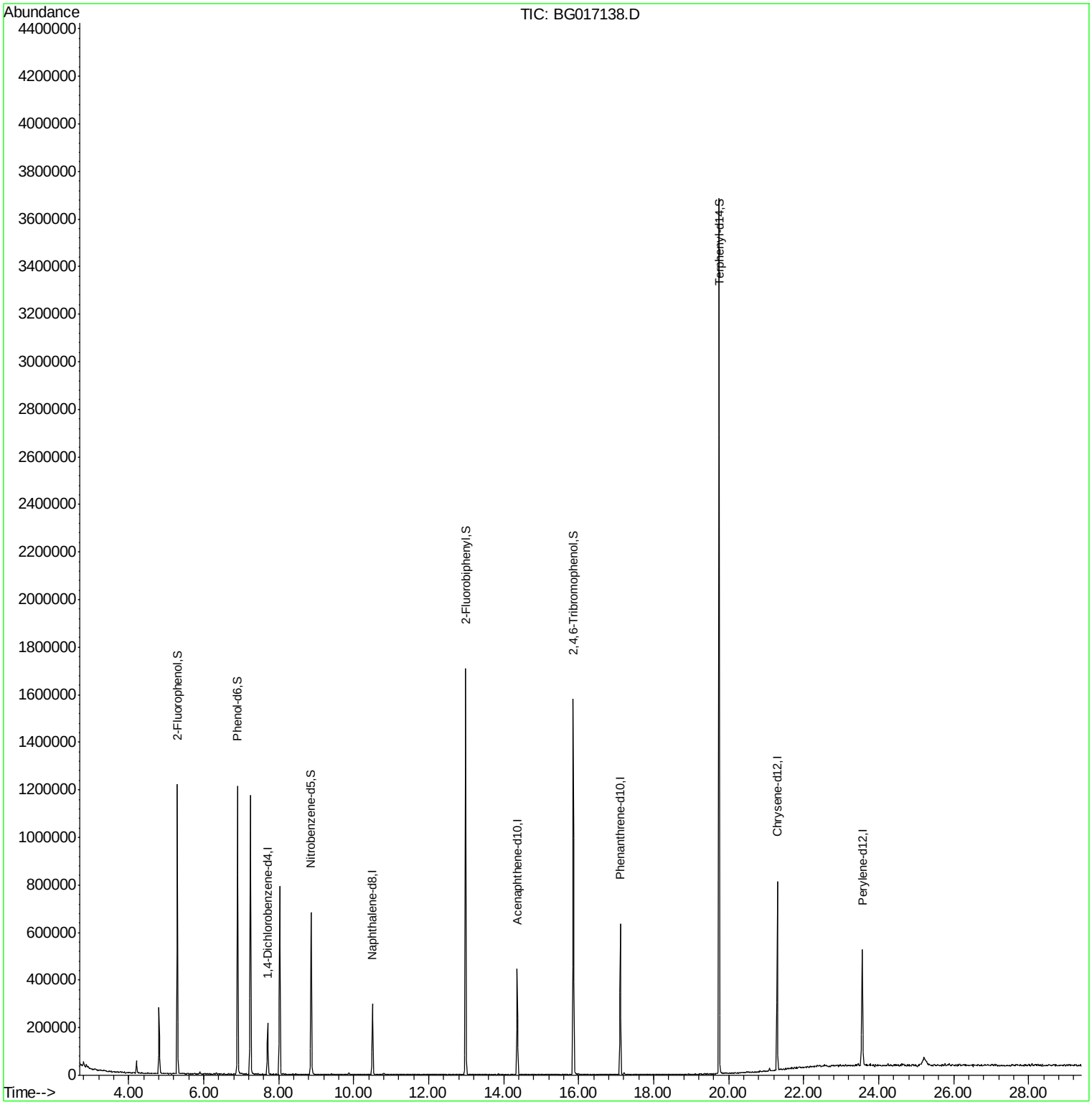
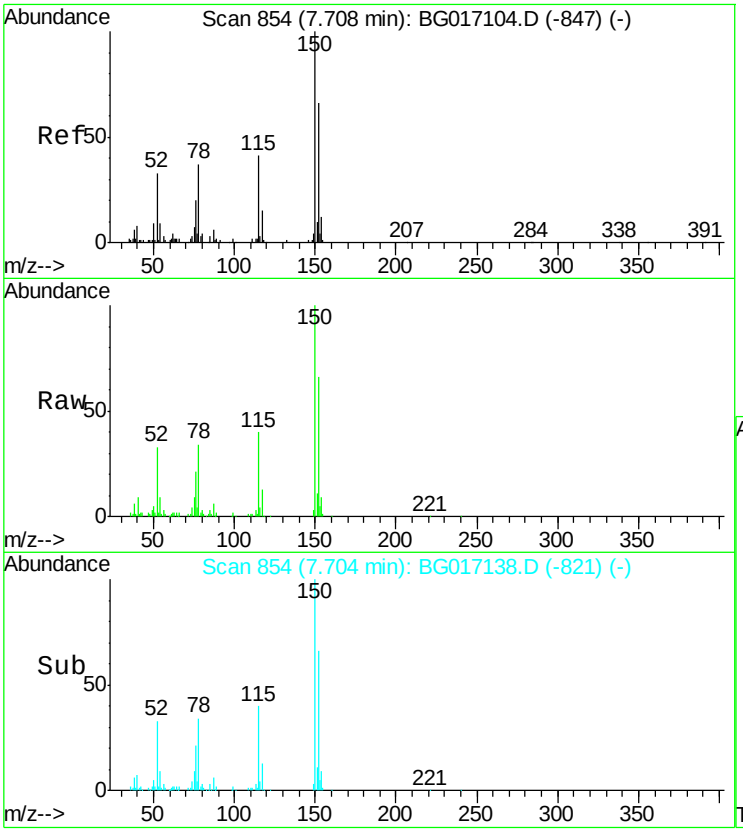


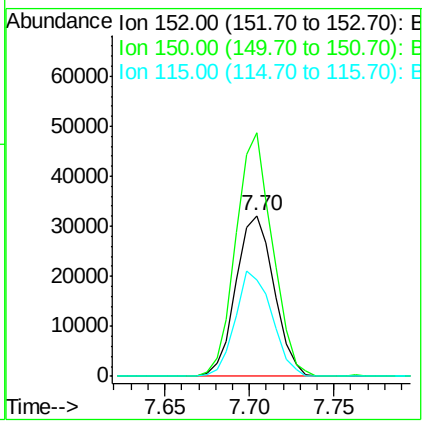


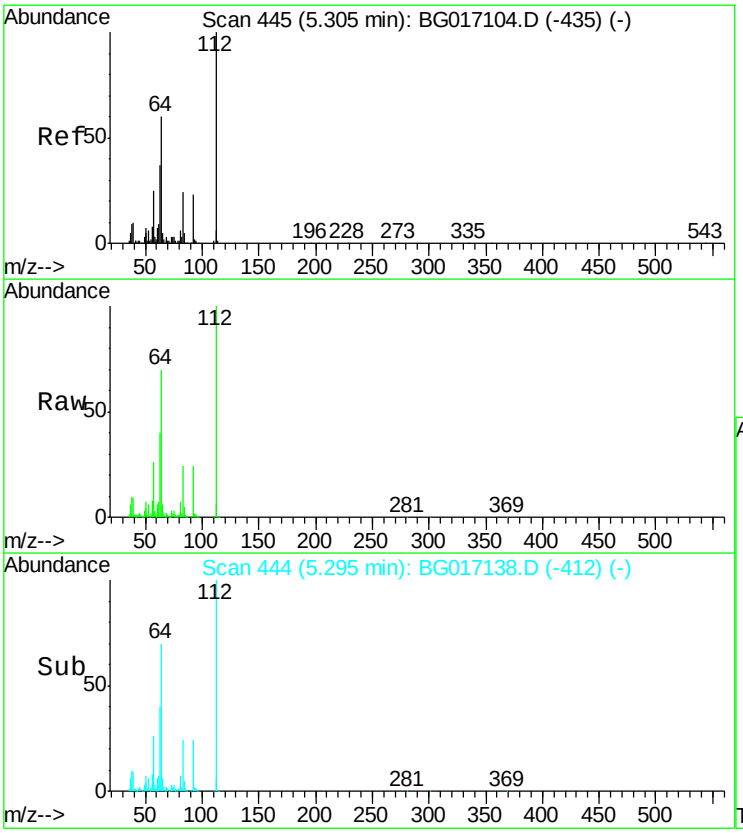
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG017138.D
Acq: 14 May 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB83313BL

Tgt Ion:152 Resp: 50298

Ion	Ratio	Lower	Upper
152	100		
150	151.8	120.8	181.2
115	60.0	49.4	74.2

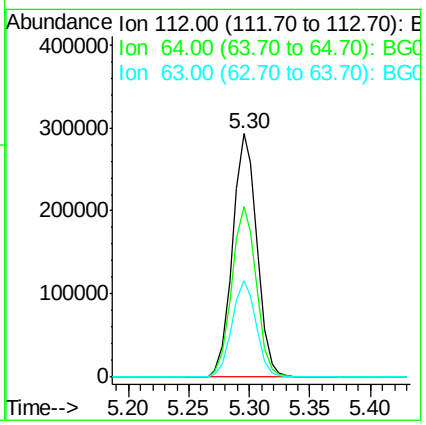


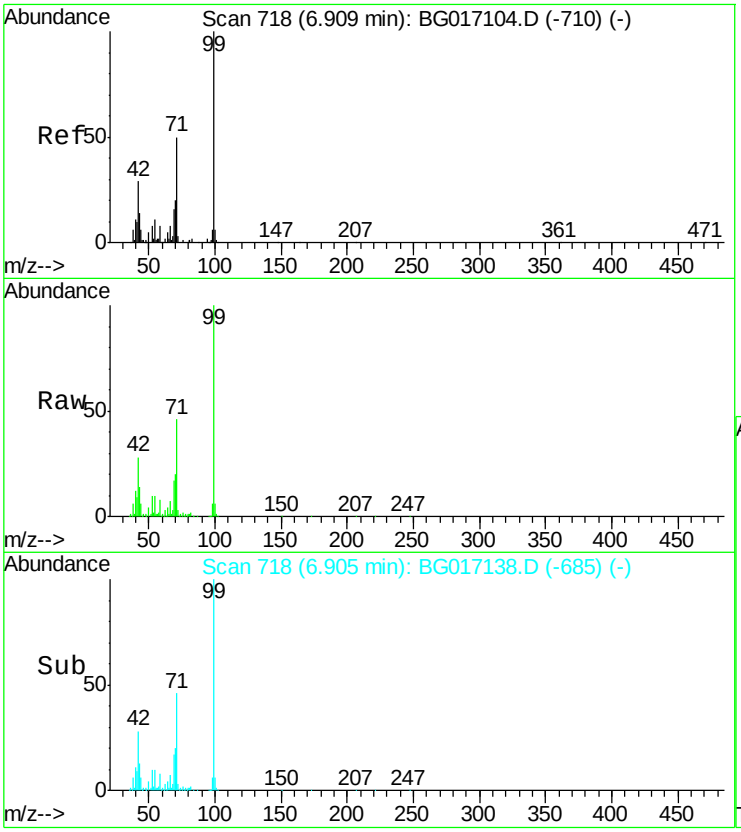


#5
2-Fluorophenol
Concen: 145.60 ng
RT: 5.30 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG017138.D
Acq: 14 May 2015 13:47

Tgt Ion:112 Resp: 412771

Ion	Ratio	Lower	Upper
112	100		
64	70.3	48.1	72.1
63	39.8	29.8	44.8



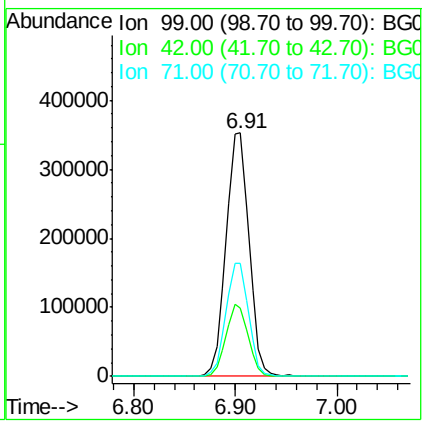


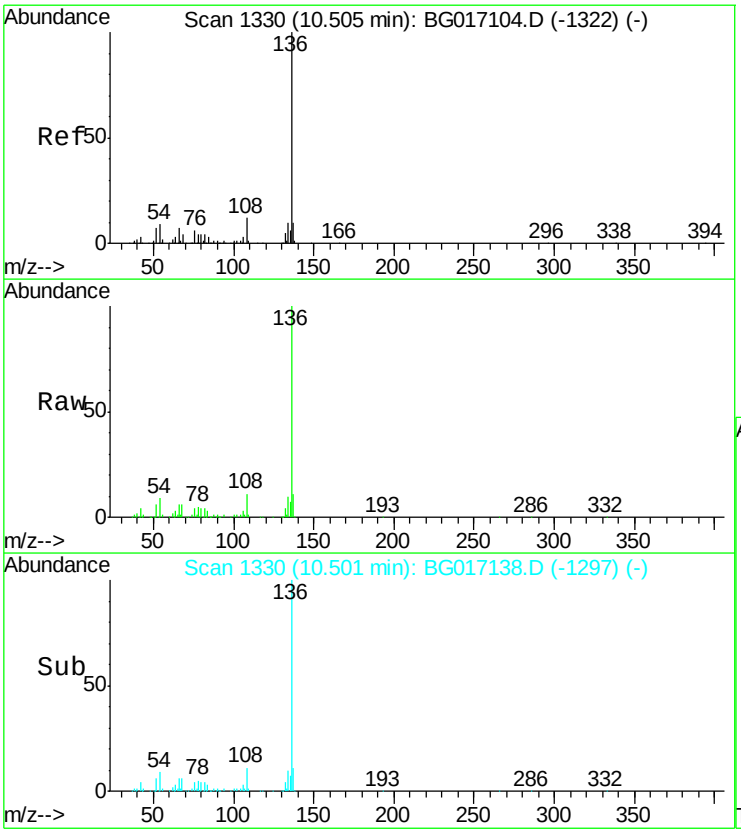
#7
Phenol-d6
Concen: 139.61 ng
RT: 6.91 min Scan# 718
Delta R.T. -0.00 min
Lab File: BG017138.D
Acq: 14 May 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB83313BL

Tgt Ion: 99 Resp: 555437

Ion	Ratio	Lower	Upper
99	100		
42	28.0	23.5	35.3
71	46.3	39.8	59.8

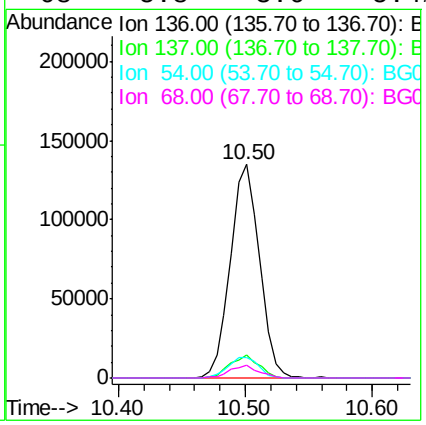


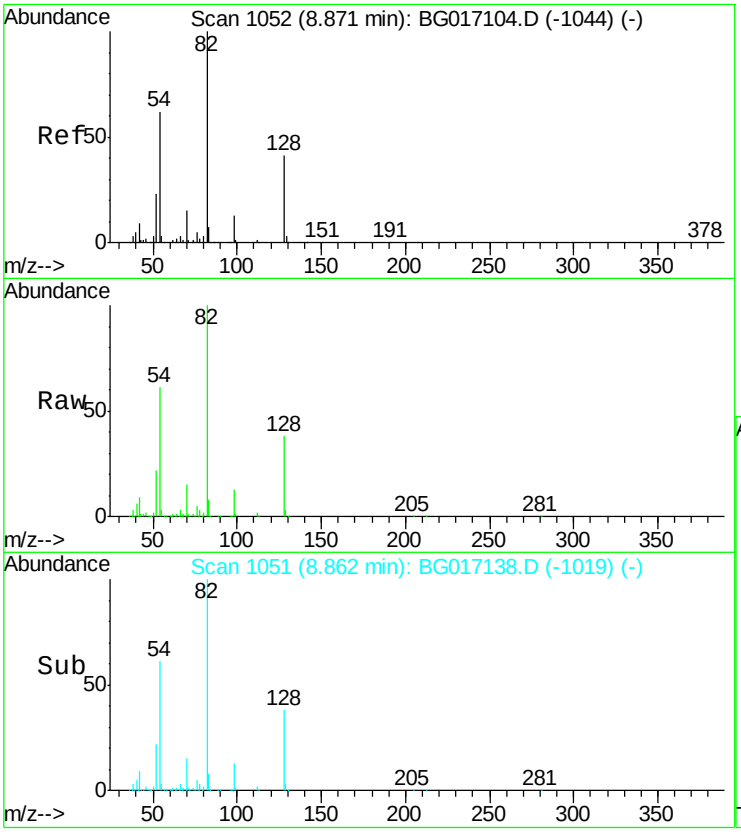


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG017138.D
Acq: 14 May 2015 13:47

Tgt Ion:136 Resp: 213893

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.3	12.5
54	9.4	7.4	11.2
68	5.8	3.6	5.4#



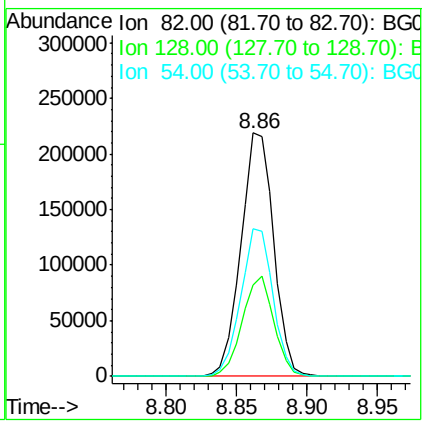


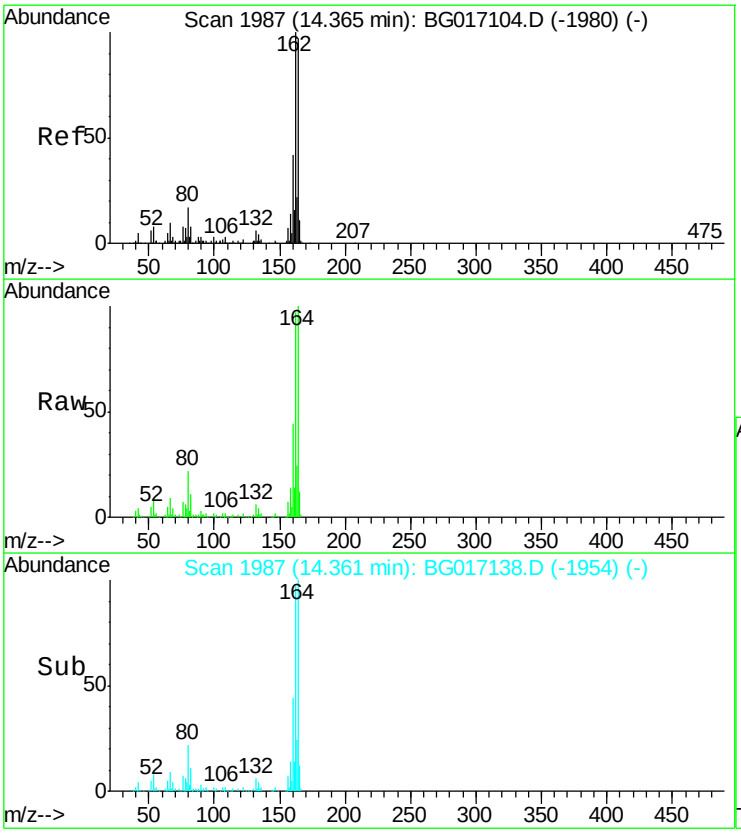
#23
Nitrobenzene-d5
Concen: 77.78 ng
RT: 8.86 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG017138.D
Acq: 14 May 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB83313BL

Tgt Ion: 82 Resp: 356362

Ion	Ratio	Lower	Upper
82	100		
128	37.7	32.6	49.0
54	60.8	49.6	74.4

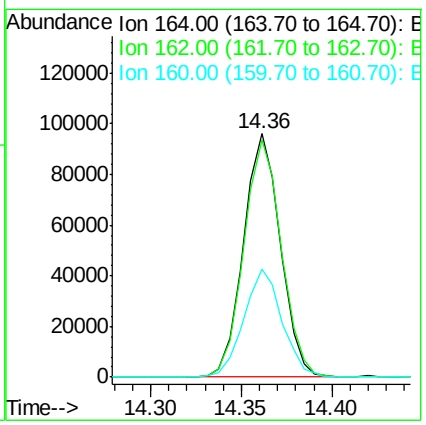


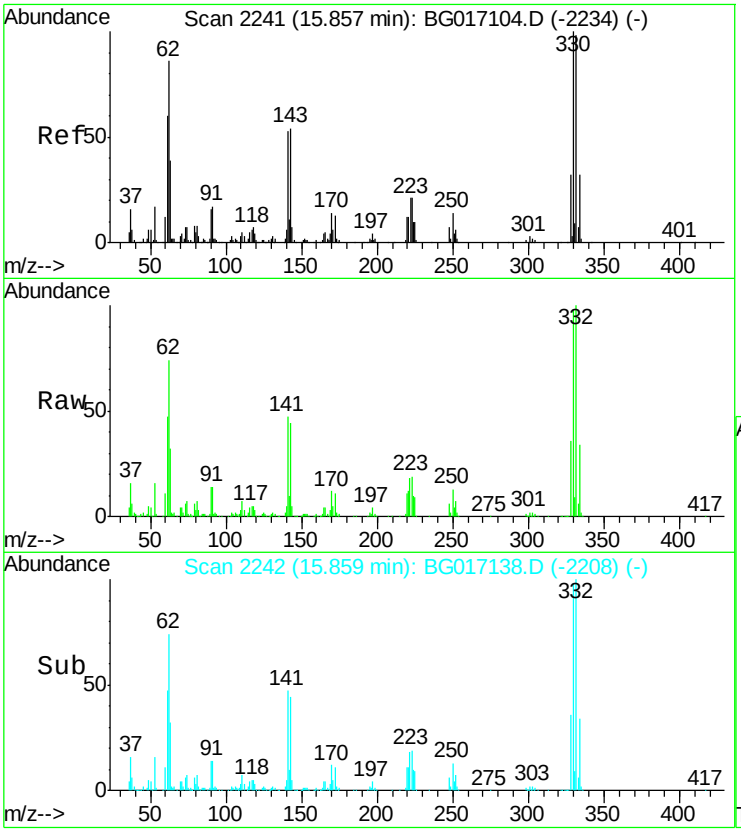


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.36 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG017138.D
Acq: 14 May 2015 13:47

Tgt Ion:164 Resp: 135520

Ion	Ratio	Lower	Upper
164	100		
162	97.2	82.1	123.1
160	44.3	34.8	52.2



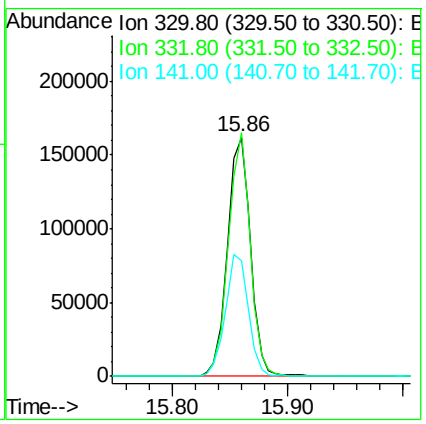


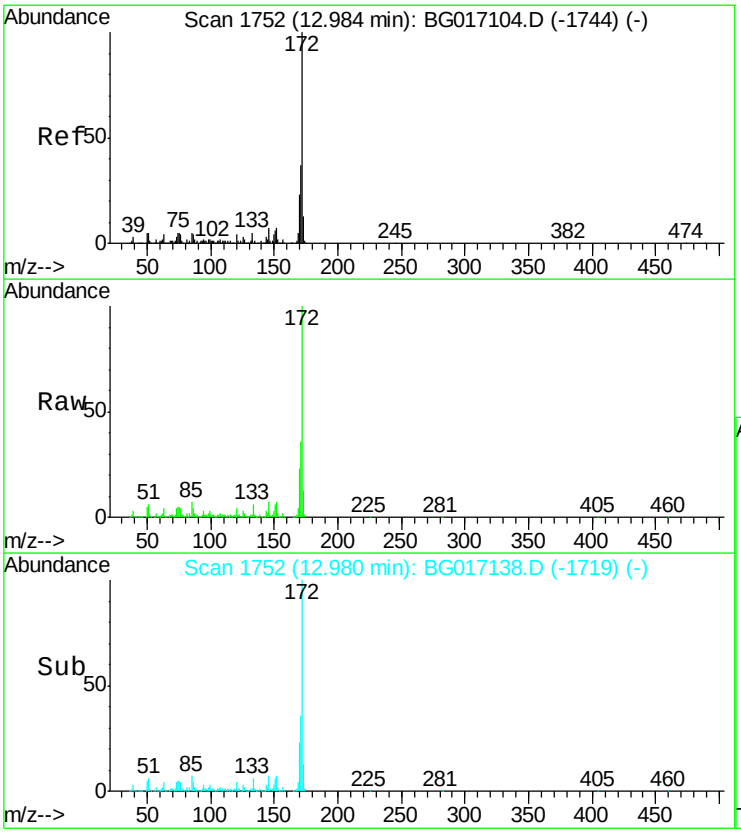
#41
2,4,6-Tribromophenol
Concen: 136.50 ng
RT: 15.86 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BG017138.D
Acq: 14 May 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB83313BL

Tgt Ion:330 Resp: 223614

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.9	115.3
141	51.0	42.2	63.2

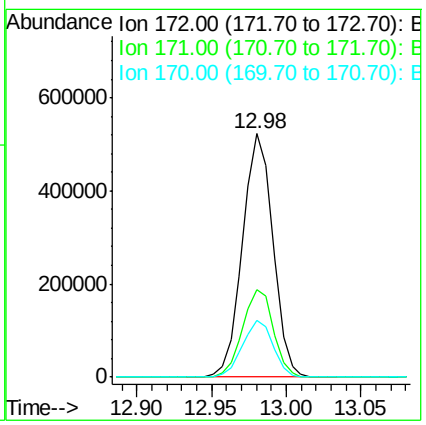


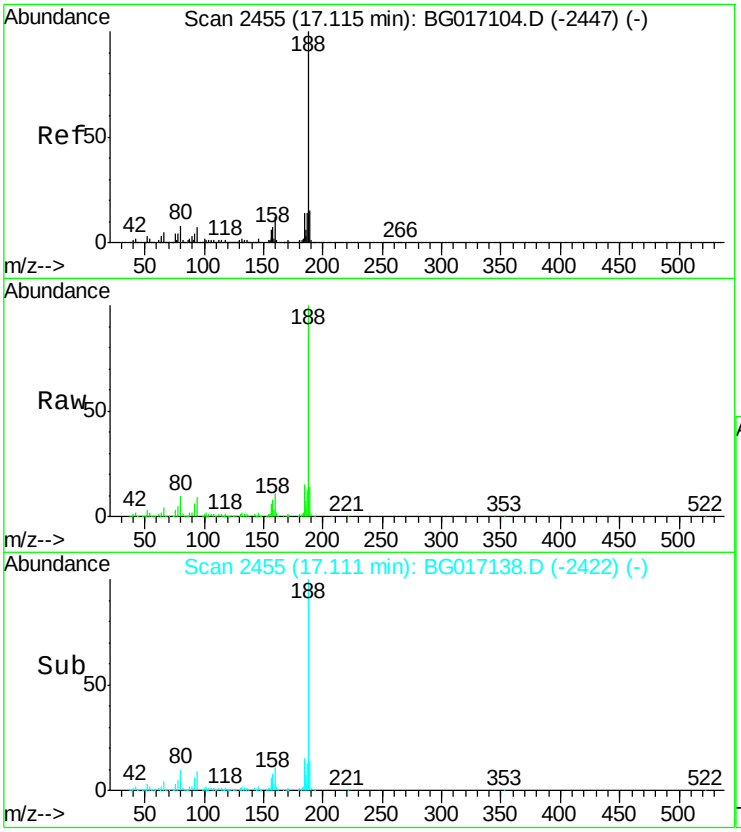


#44
2-Fluorobiphenyl
Concen: 79.68 ng
RT: 12.98 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BG017138.D
Acq: 14 May 2015 13:47

Tgt Ion:172 Resp: 735884

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.4	18.4	27.6



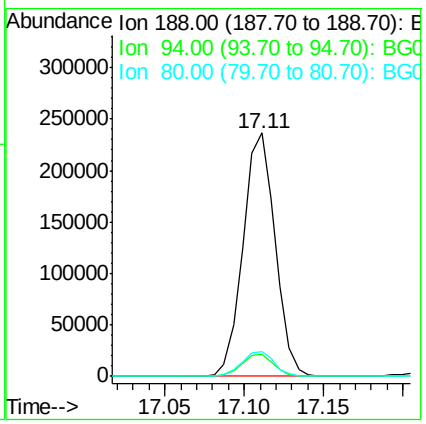


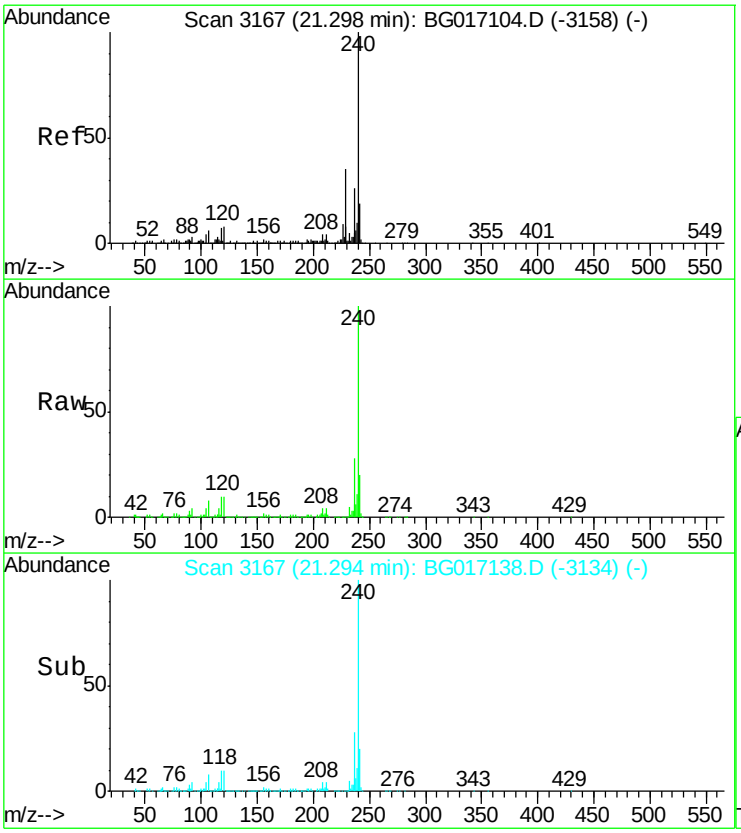
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BG017138.D
Acq: 14 May 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB83313BL

Tgt Ion:188 Resp: 331112

Ion	Ratio	Lower	Upper
188	100		
94	9.3	5.8	8.6#
80	10.3	6.5	9.7#

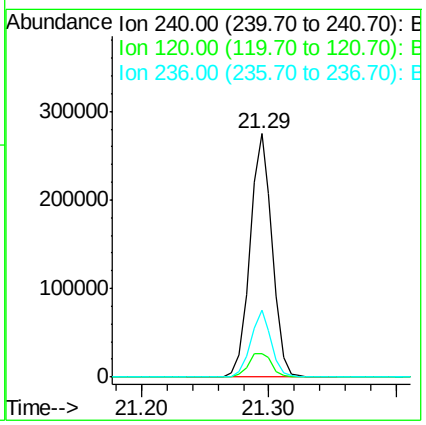


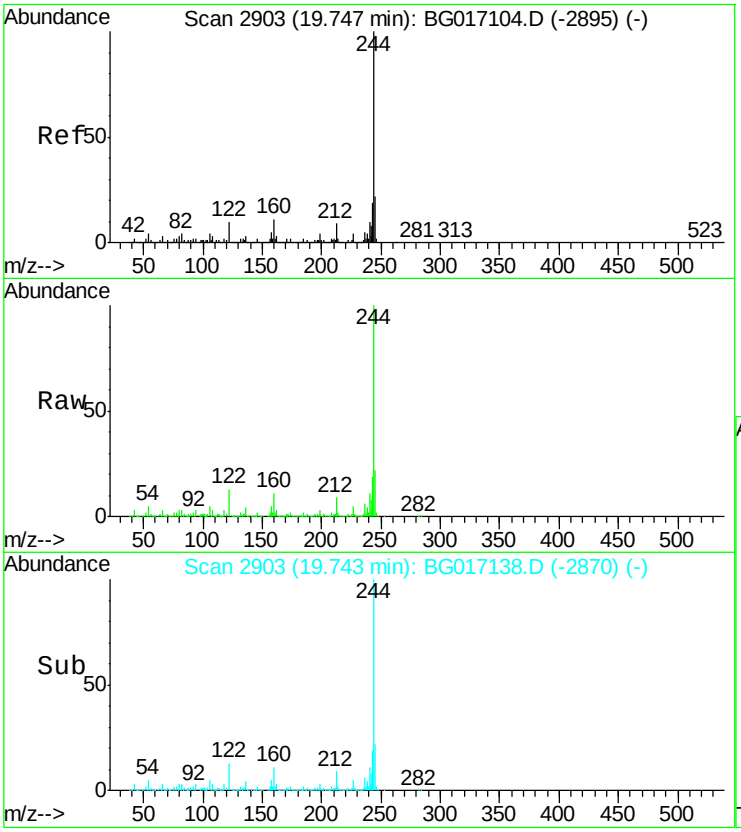


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG017138.D
Acq: 14 May 2015 13:47

Tgt Ion:240 Resp: 334394

Ion	Ratio	Lower	Upper
240	100		
120	9.8	6.0	9.0#
236	27.7	20.5	30.7



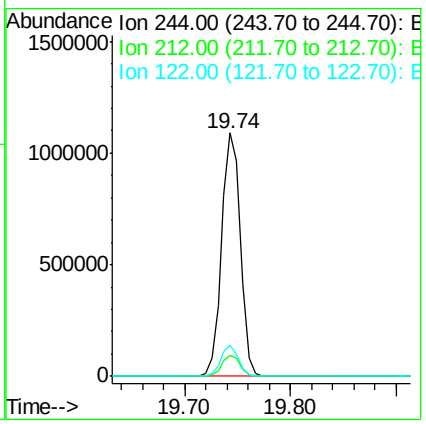


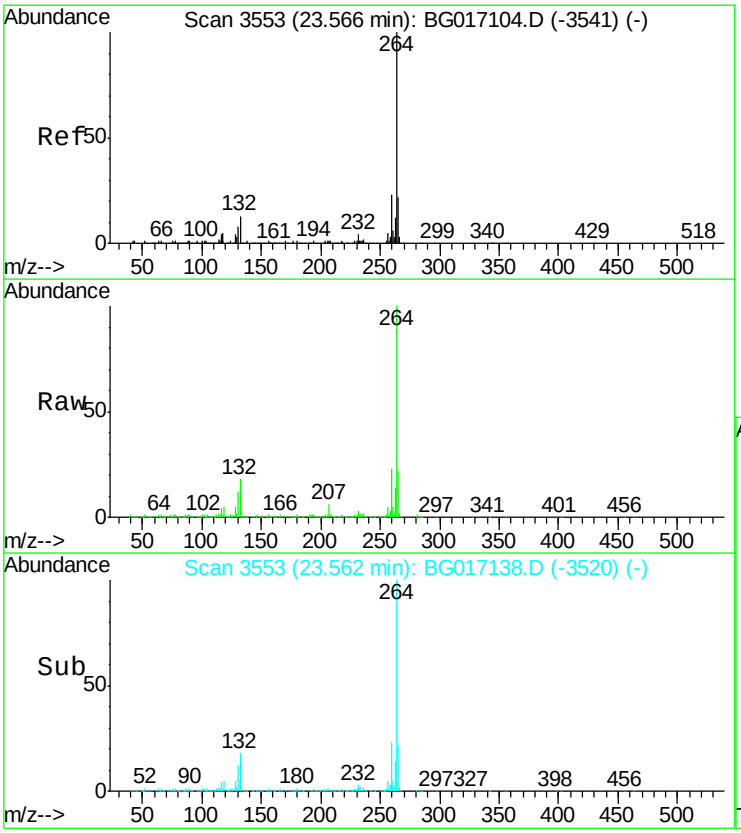
#78
Terphenyl-d14
Concen: 83.70 ng
RT: 19.74 min Scan# 2903
Delta R.T. -0.00 min
Lab File: BG017138.D
Acq: 14 May 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB83313BL

Tgt Ion:244 Resp: 1343050

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.4
122	13.0	8.4	12.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.56 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BG017138.D
Acq: 14 May 2015 13:47

Tgt Ion:264 Resp: 320394

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.0	27.0
265	22.1	17.4	26.0