Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017116.D
Acq On : 13 May 2015 20:22
Operator : TP/IZ
Sample : G2194-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-04

Quant Time: May 14 03:58:41 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	7.71	152	43532	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	183709	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	118426	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	270475	20.00	ng	0.00
75) Chrysene-d12	21.29	240	291565	20.00	ng	0.00
86) Perylene-d12	23.56	264	288213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	173125	70.56	ng	0.00
7) Phenol-d6	6.91	99	151115	43.89	ng	0.00
23) Nitrobenzene-d5	8.87	82	323703	82.26	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	202499	141.45	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	674755	83.61	ng	0.00
78) Terphenyl-d14	19.75	244	1127245	80.57	ng	0.00
Target Compounds						Qvalue

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

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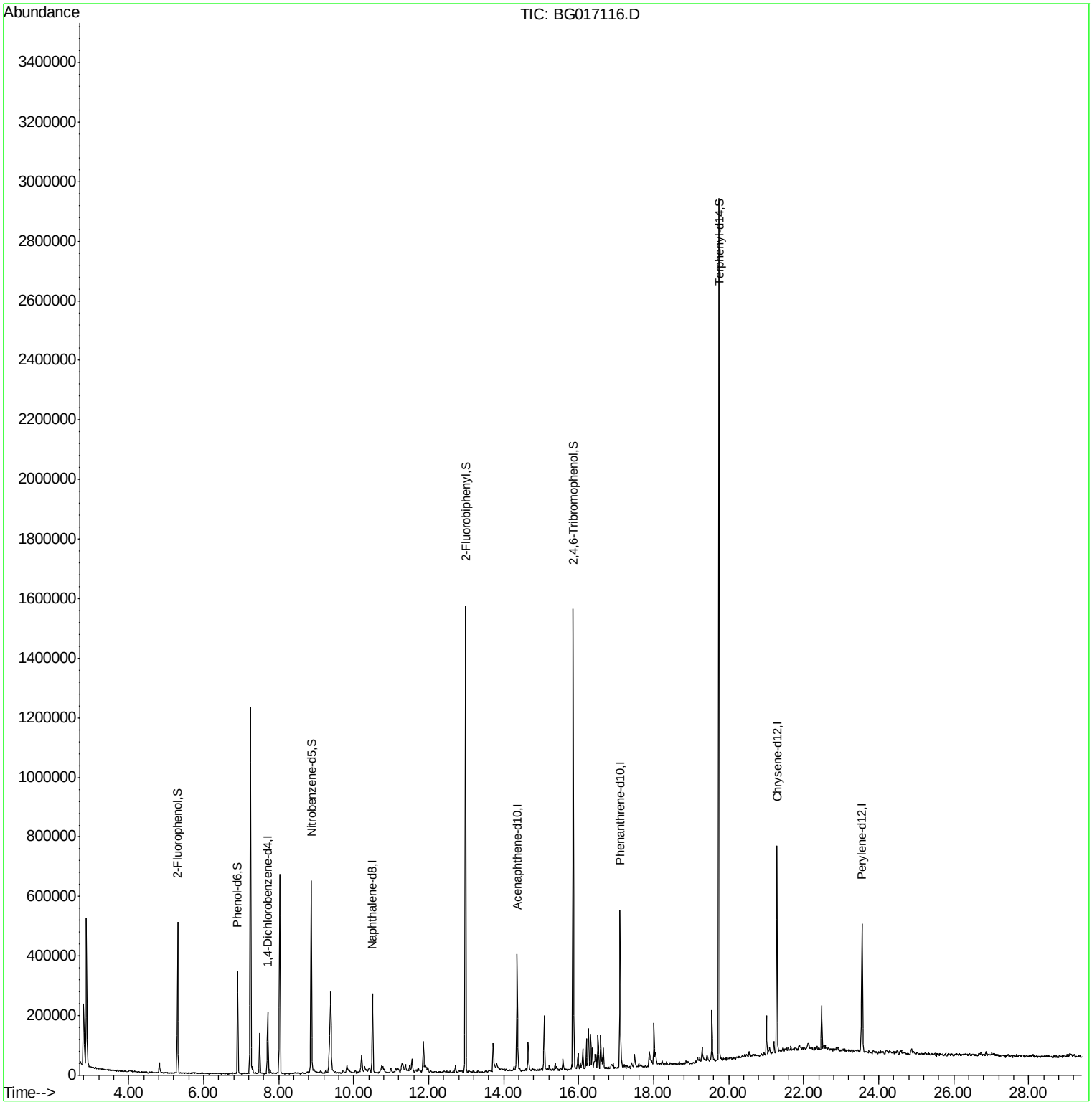
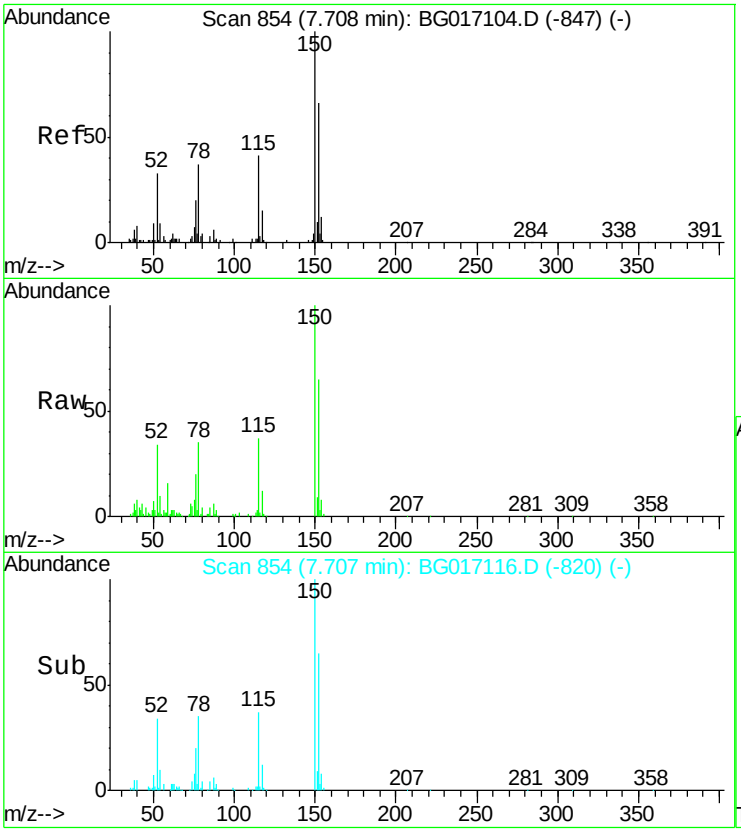


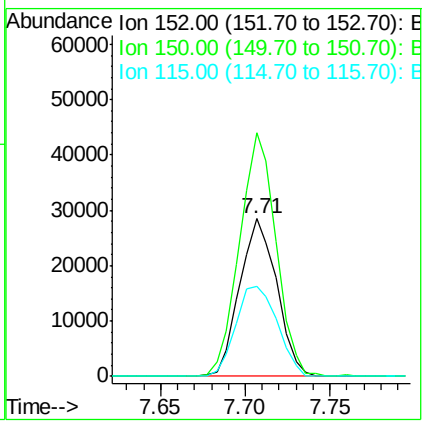


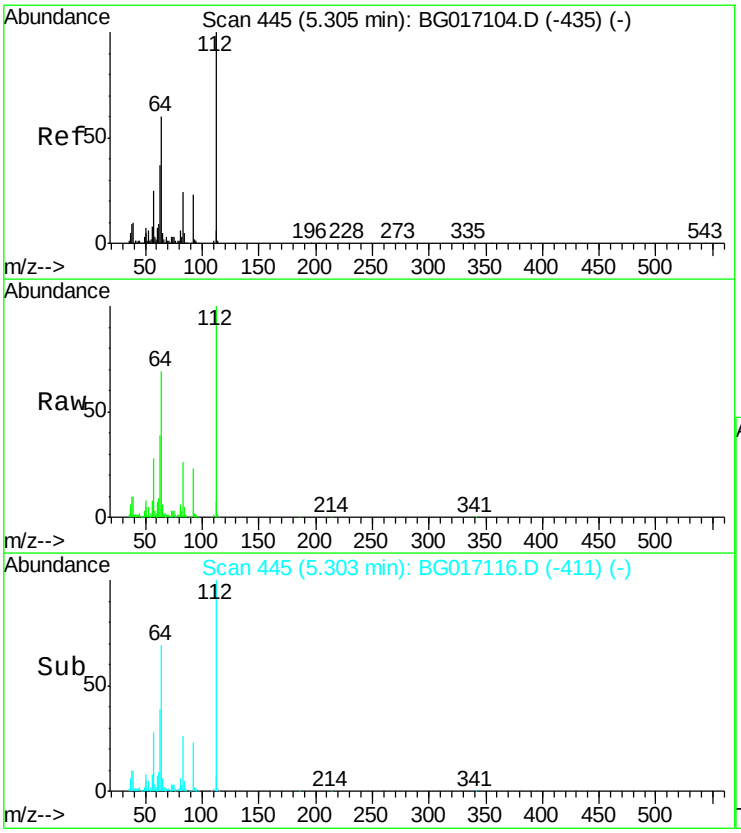
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG017116.D
Acq: 13 May 2015 20:22

Instrument :
BNA_G
ClientSampleId :
TU021-TW-04

Tgt Ion:152 Resp: 43532

Ion	Ratio	Lower	Upper
152	100		
150	154.8	120.8	181.2
115	57.5	49.4	74.2

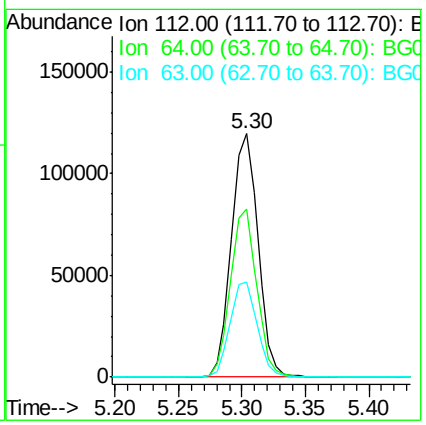


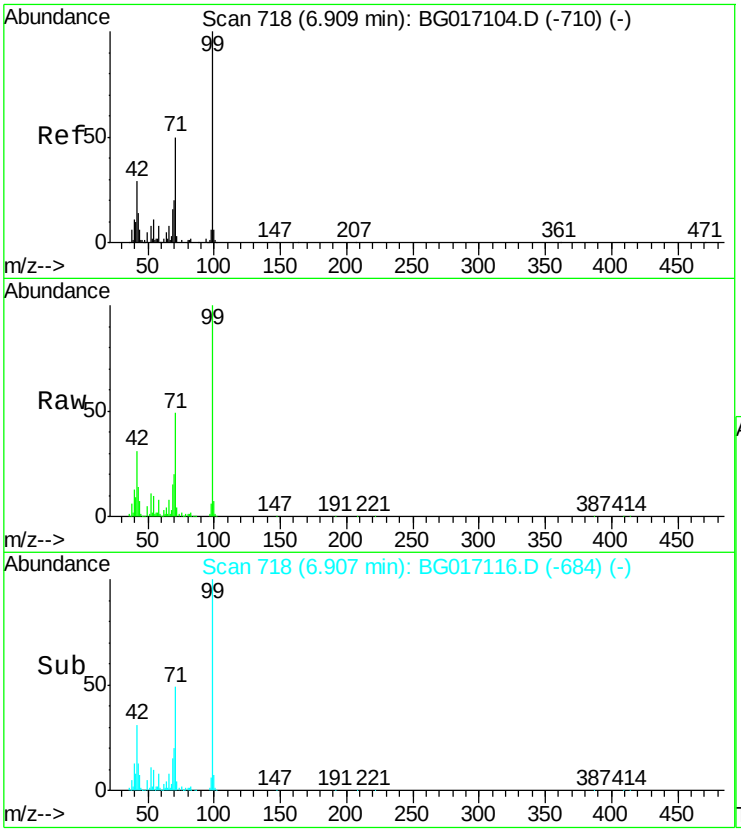


#5
2-Fluorophenol
Concen: 70.56 ng
RT: 5.30 min Scan# 445
Delta R.T. -0.00 min
Lab File: BG017116.D
Acq: 13 May 2015 20:22

Tgt Ion:112 Resp: 173125

Ion	Ratio	Lower	Upper
112	100		
64	69.1	48.1	72.1
63	39.2	29.8	44.8



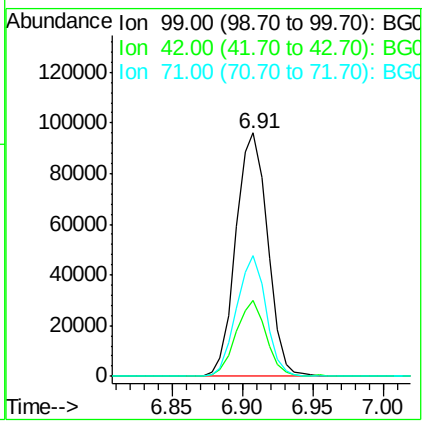


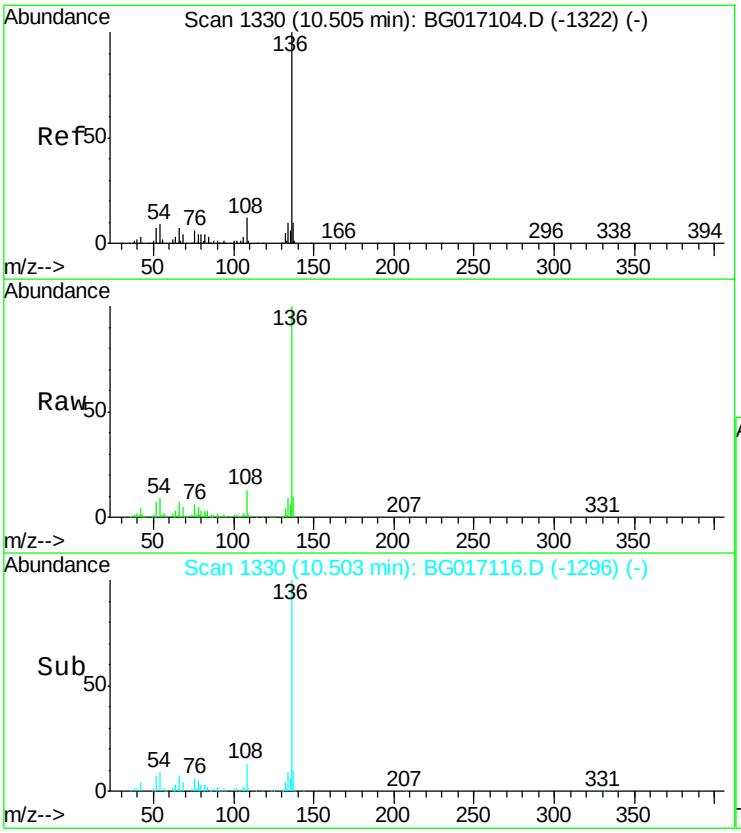
#7
Phenol-d6
Concen: 43.89 ng
RT: 6.91 min Scan# 718
Delta R.T. -0.00 min
Lab File: BG017116.D
Acq: 13 May 2015 20:22

Instrument :
BNA_G
ClientSampleId :
TU021-TW-04

Tgt Ion: 99 Resp: 151115

Ion	Ratio	Lower	Upper
99	100		
42	31.1	23.5	35.3
71	49.4	39.8	59.8

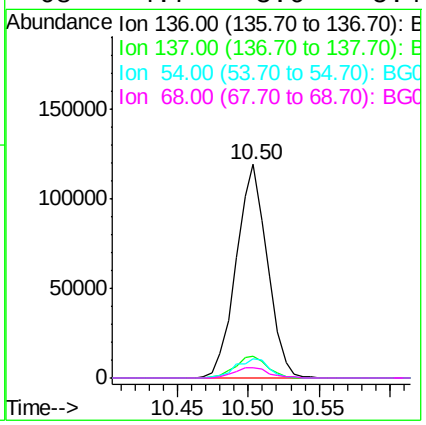


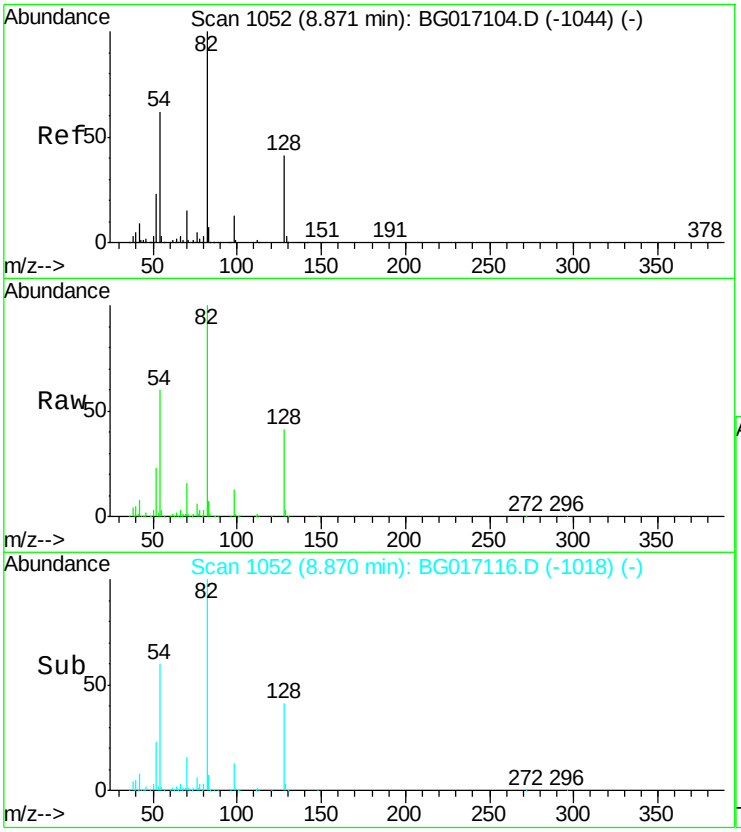


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG017116.D
Acq: 13 May 2015 20:22

Tgt Ion:136 Resp: 183709

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.3	12.5
54	9.0	7.4	11.2
68	4.7	3.6	5.4



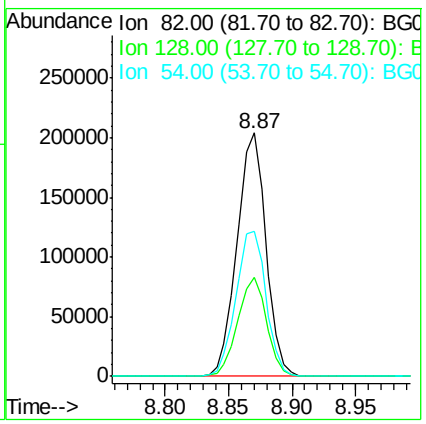


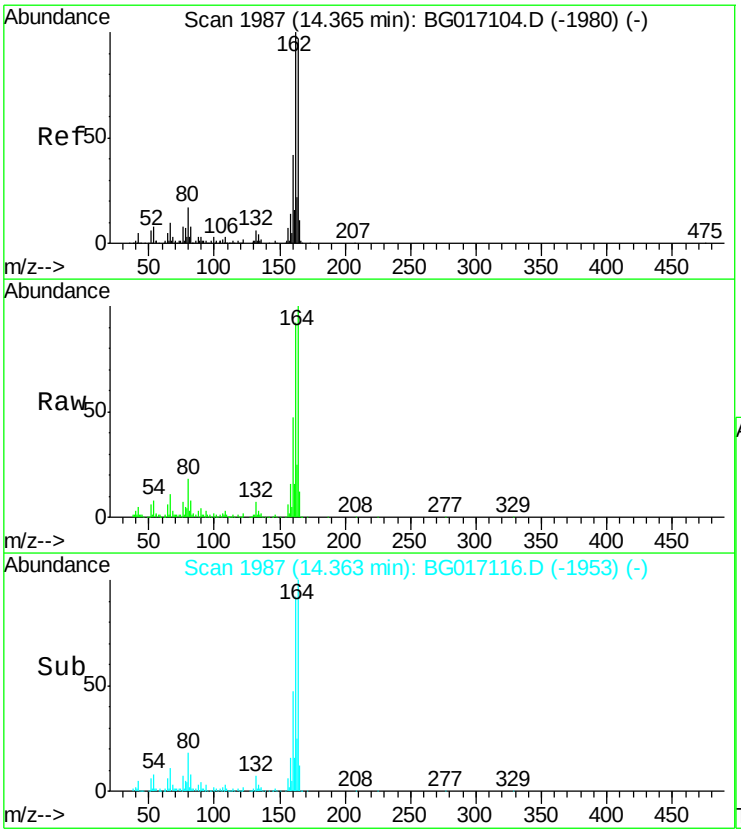
#23
Nitrobenzene-d5
Concen: 82.26 ng
RT: 8.87 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BG017116.D
Acq: 13 May 2015 20:22

Instrument :
BNA_G
ClientSampleId :
TU021-TW-04

Tgt Ion: 82 Resp: 323703

Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.6	49.0
54	59.6	49.6	74.4

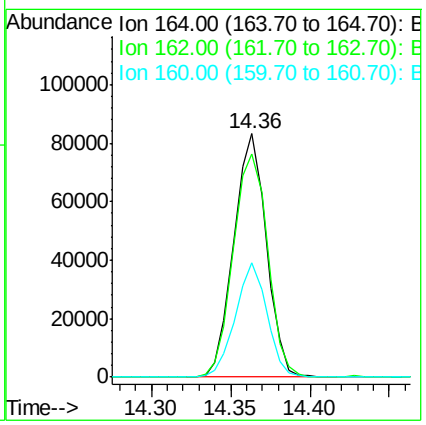


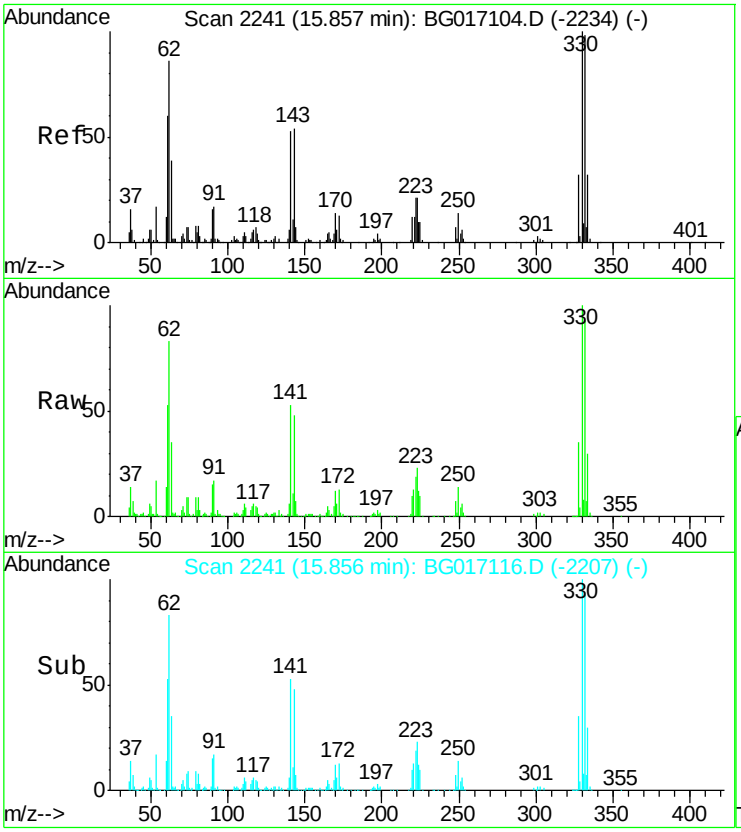


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.36 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG017116.D
Acq: 13 May 2015 20:22

Tgt Ion:164 Resp: 118426

Ion	Ratio	Lower	Upper
164	100		
162	91.9	82.1	123.1
160	46.8	34.8	52.2



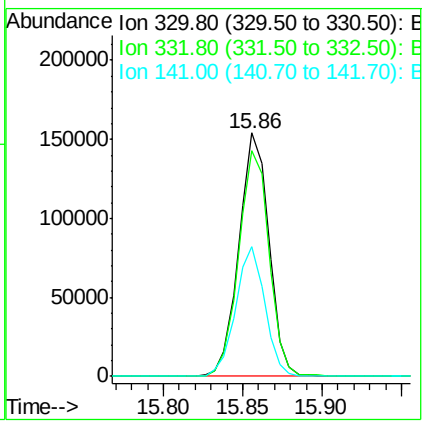


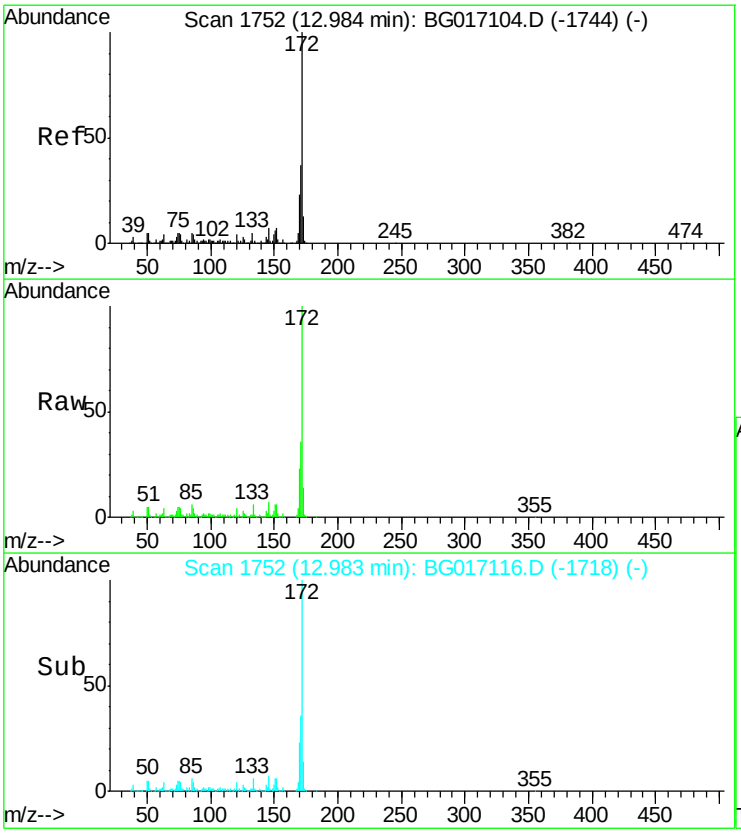
#41
2,4,6-Tribromophenol
Concen: 141.45 ng
RT: 15.86 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BG017116.D
Acq: 13 May 2015 20:22

Instrument :
BNA_G
ClientSampleId :
TU021-TW-04

Tgt Ion:330 Resp: 202499

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.9	115.3
141	52.2	42.2	63.2

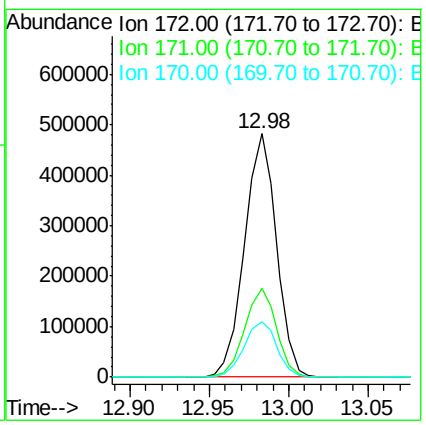


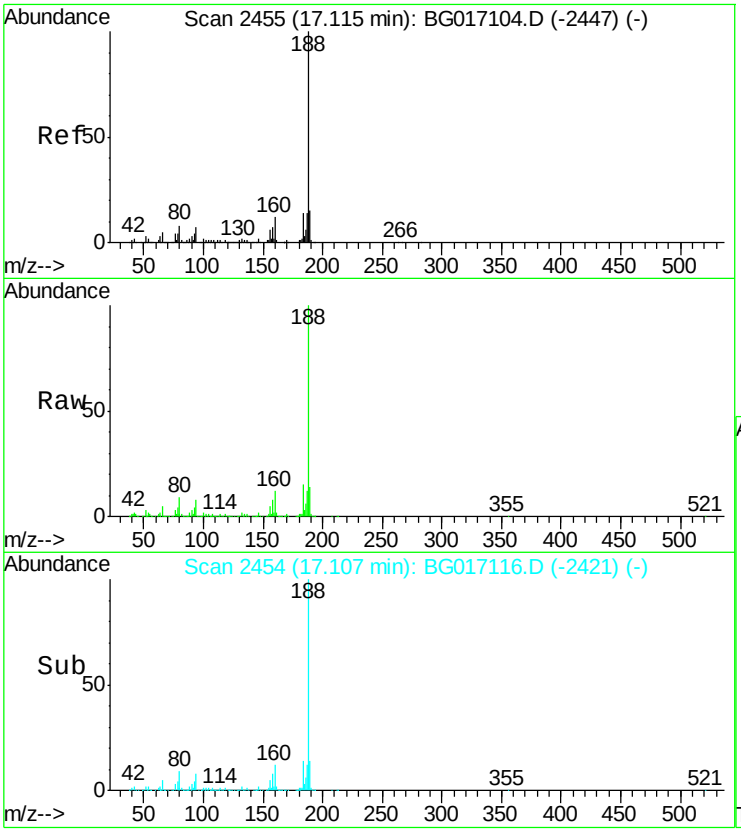


#44
2-Fluorobiphenyl
Concen: 83.61 ng
RT: 12.98 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BG017116.D
Acq: 13 May 2015 20:22

Tgt Ion:172 Resp: 674755

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	22.8	18.4	27.6



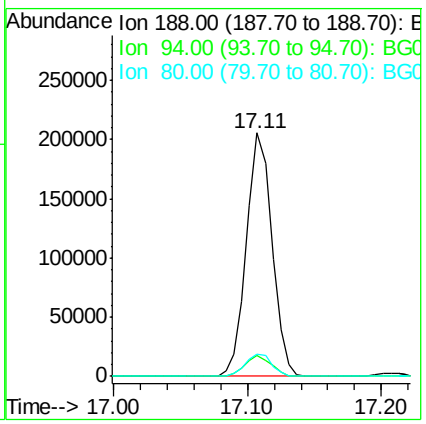


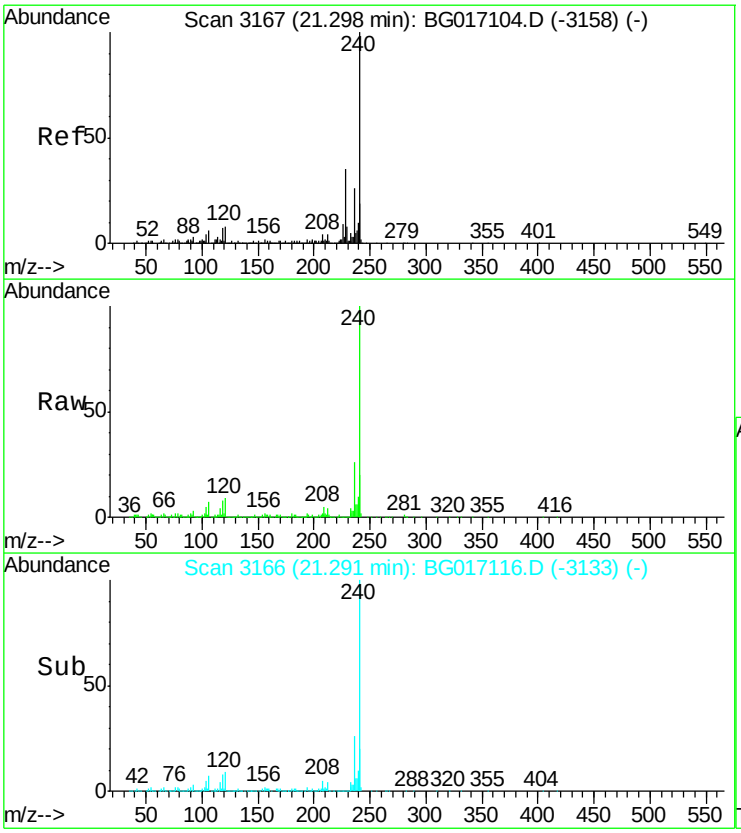
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG017116.D
Acq: 13 May 2015 20:22

Instrument :
BNA_G
ClientSampleId :
TU021-TW-04

Tgt Ion:188 Resp: 270475

Ion	Ratio	Lower	Upper
188	100		
94	8.4	5.8	8.6
80	9.0	6.5	9.7

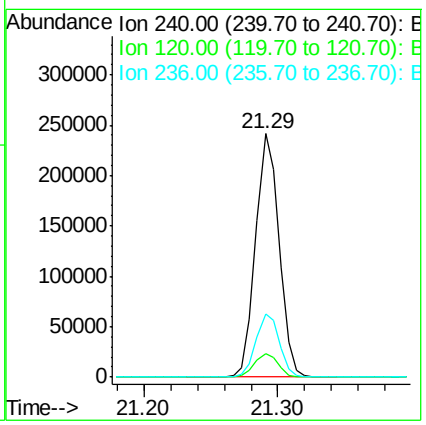


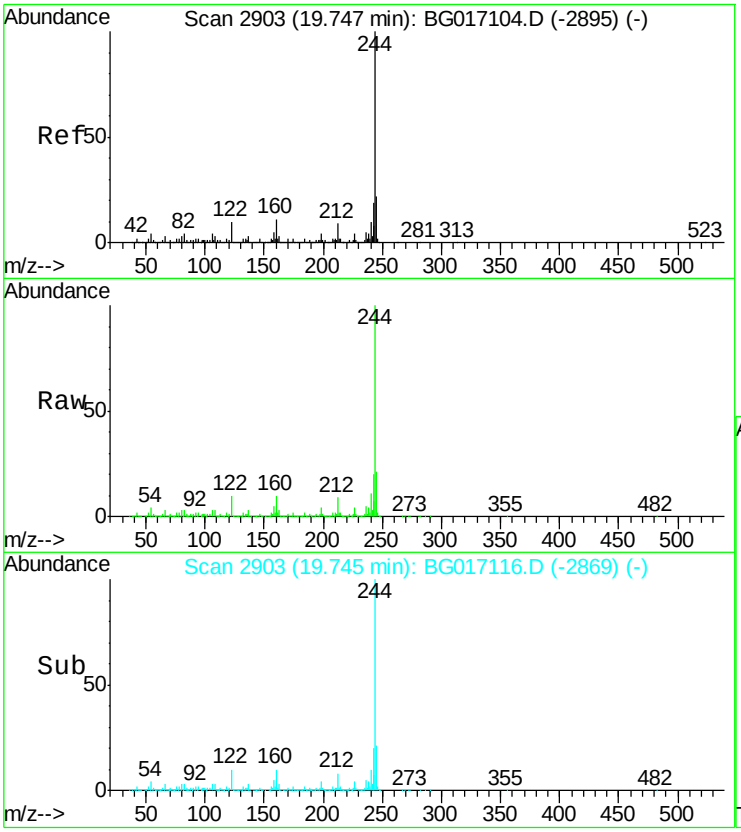


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG017116.D
Acq: 13 May 2015 20:22

Tgt Ion:240 Resp: 291565

Ion	Ratio	Lower	Upper
240	100		
120	9.4	6.0	9.0#
236	25.7	20.5	30.7



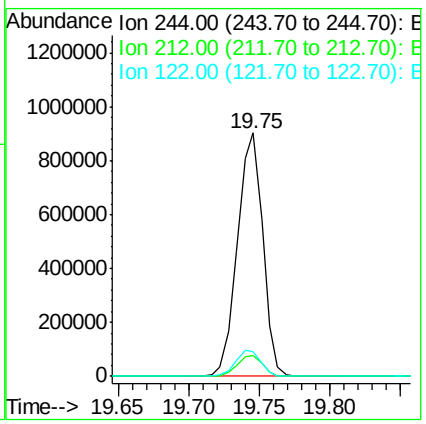


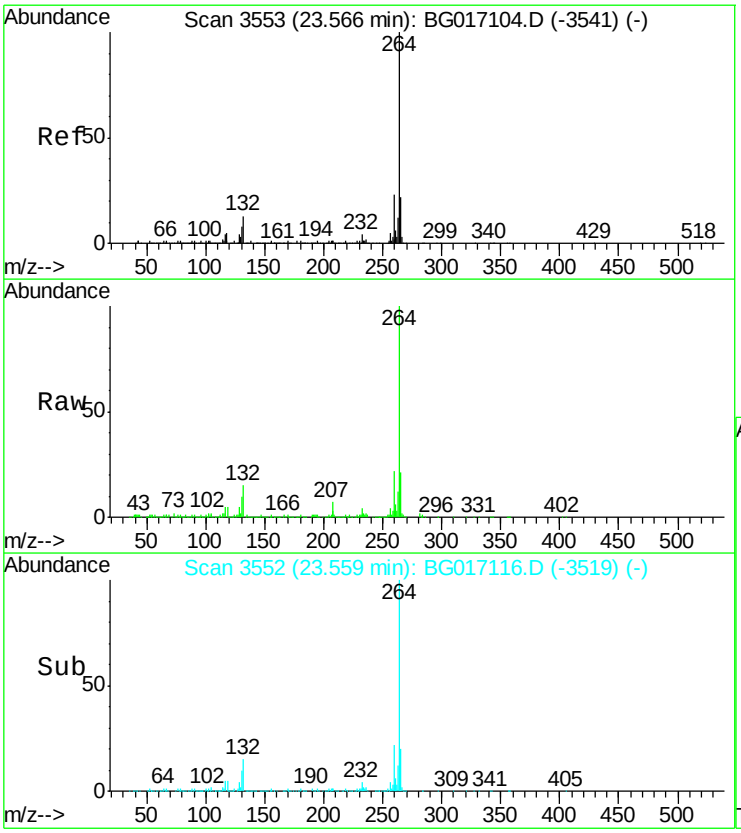
#78
Terphenyl-d14
Concen: 80.57 ng
RT: 19.75 min Scan# 2903
Delta R.T. -0.00 min
Lab File: BG017116.D
Acq: 13 May 2015 20:22

Instrument :
BNA_G
ClientSampleId :
TU021-TW-04

Tgt Ion:244 Resp: 1127245

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.4
122	10.3	8.4	12.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.56 min Scan# 3552
Delta R.T. -0.01 min
Lab File: BG017116.D
Acq: 13 May 2015 20:22

Tgt Ion:264 Resp: 288213

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.0	27.0
265	20.7	17.4	26.0