Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017114.D
Acq On : 13 May 2015 19:12
Operator : TP/IZ
Sample : G2194-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-SB-17-2.5

Quant Time: May 14 03:37:48 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	44066	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	185033	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	125088	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	290984	20.00	ng	0.00
75) Chrysene-d12	21.29	240	303425	20.00	ng	0.00
86) Perylene-d12	23.55	264	297919	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	217179	87.44	ng	0.00
7) Phenol-d6	6.91	99	411709	118.12	ng	0.00
23) Nitrobenzene-d5	8.87	82	278217	70.20	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	94043	62.19	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	516699	60.61	ng	0.00
78) Terphenyl-d14	19.74	244	909427	62.46	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.93	94	8166	2.21	ng	86
49) Dimethylphthalate	13.82	163	132605	13.56	ng	98

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017114.D
Acq On : 13 May 2015 19:12
Operator : TP/IZ
Sample : G2194-06
Misc :
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Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-2.5

Quant Time: May 14 03:37:48 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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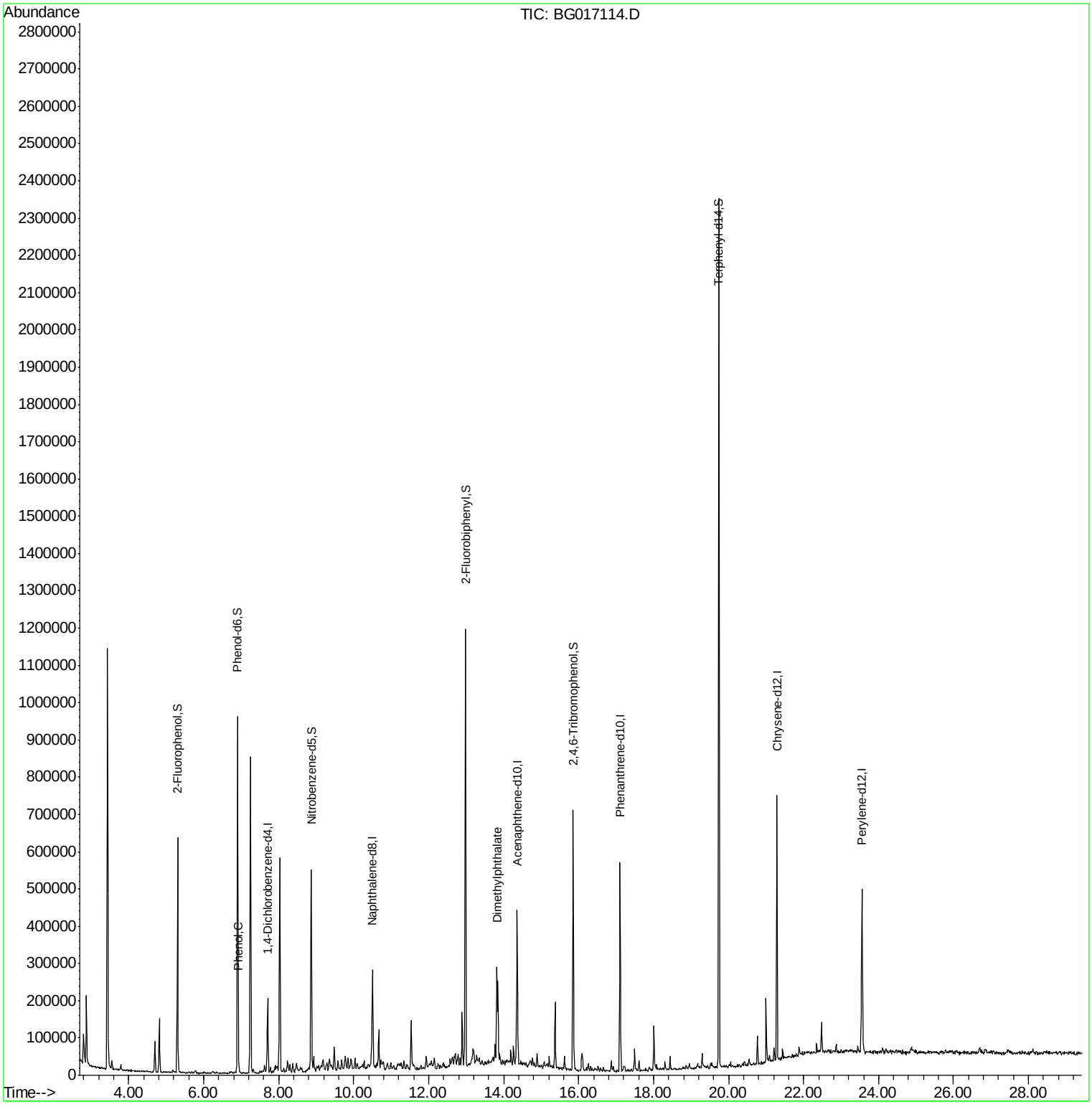
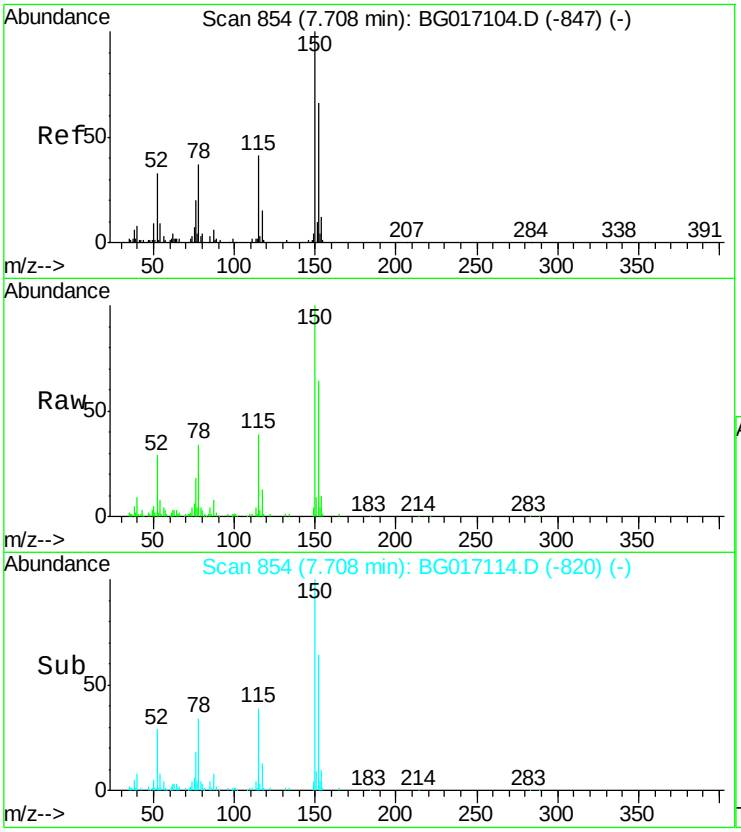
Response via : Initial Calibration



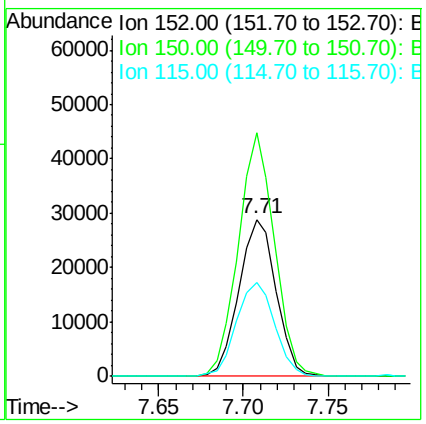


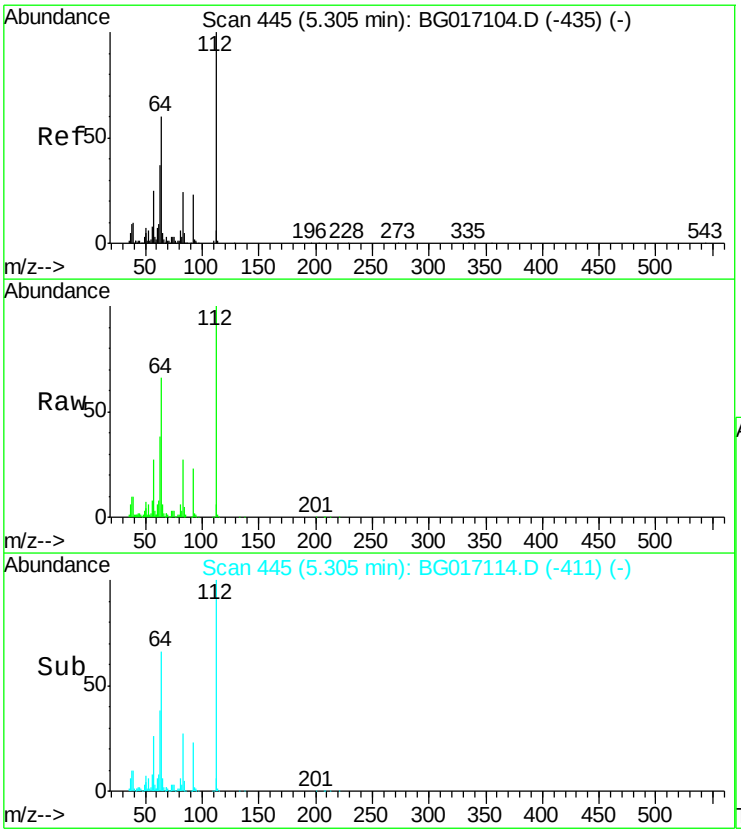
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG017114.D
Acq: 13 May 2015 19:12

Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-2.5

Tgt Ion:152 Resp: 44066

Ion	Ratio	Lower	Upper
152	100		
150	155.4	120.8	181.2
115	60.0	49.4	74.2

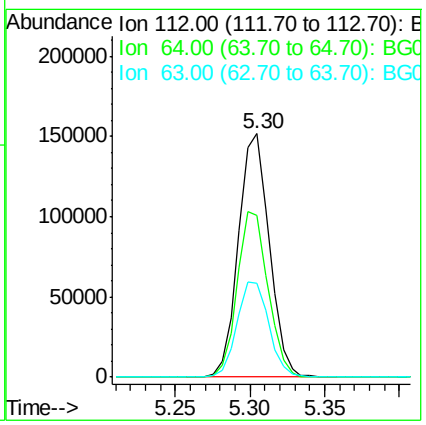


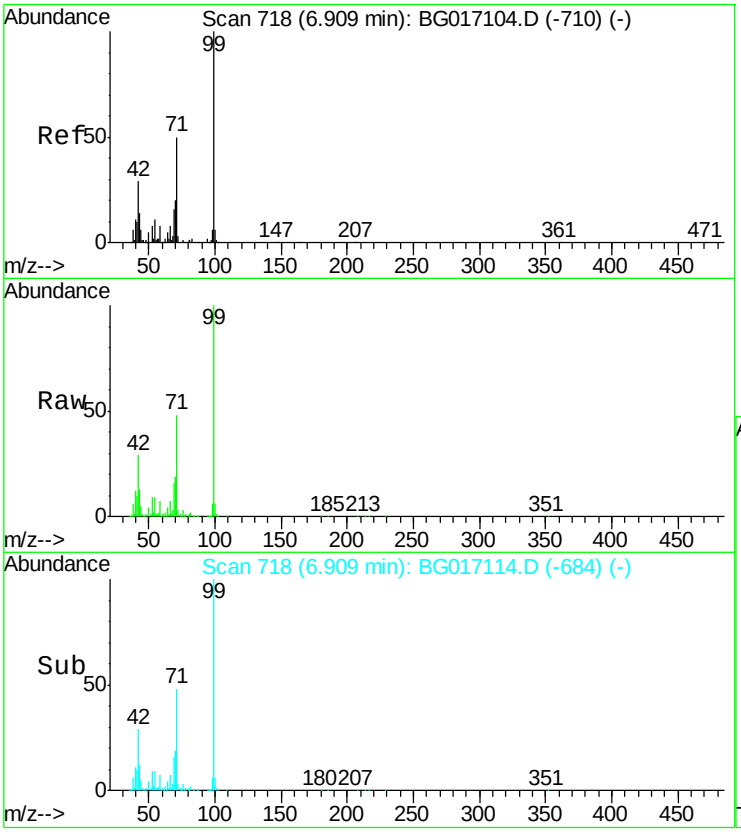


#5
2-Fluorophenol
Concen: 87.44 ng
RT: 5.30 min Scan# 445
Delta R.T. -0.00 min
Lab File: BG017114.D
Acq: 13 May 2015 19:12

Tgt Ion:112 Resp: 217179

Ion	Ratio	Lower	Upper
112	100		
64	66.3	48.1	72.1
63	38.4	29.8	44.8



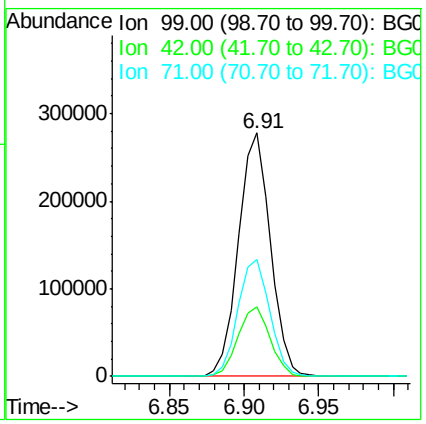


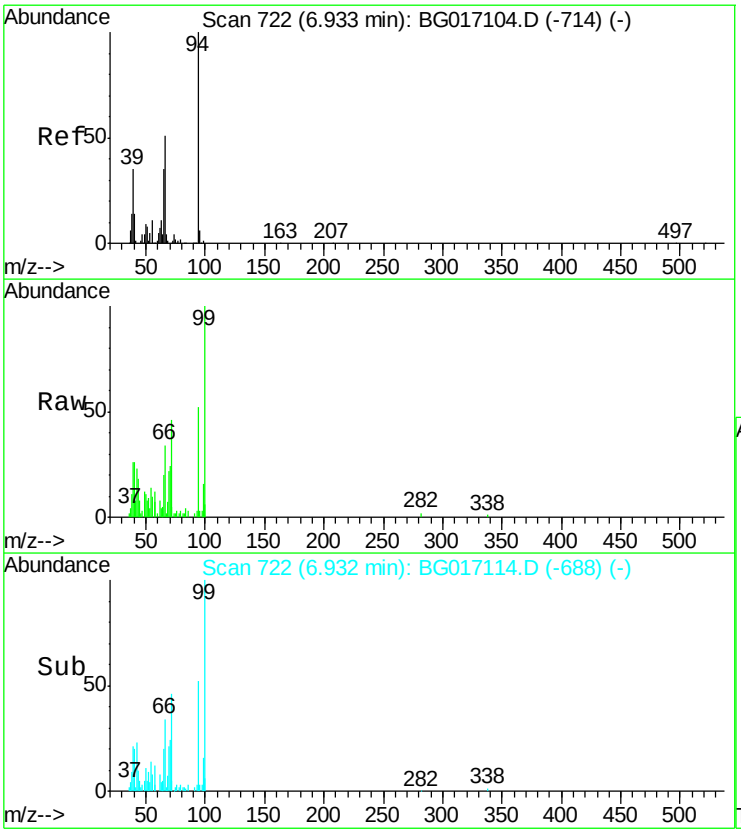
#7
Phenol-d6
Concen: 118.12 ng
RT: 6.91 min Scan# 718
Delta R.T. -0.00 min
Lab File: BG017114.D
Acq: 13 May 2015 19:12

Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-2.5

Tgt Ion: 99 Resp: 411709

Ion	Ratio	Lower	Upper
99	100		
42	28.5	23.5	35.3
71	48.2	39.8	59.8

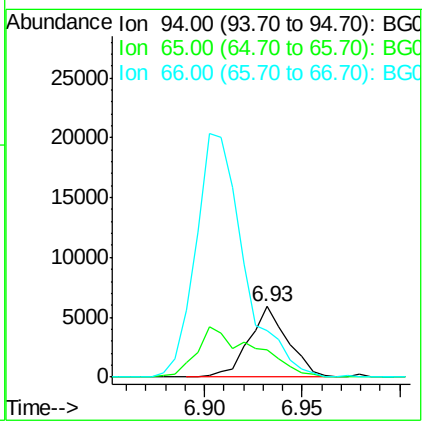


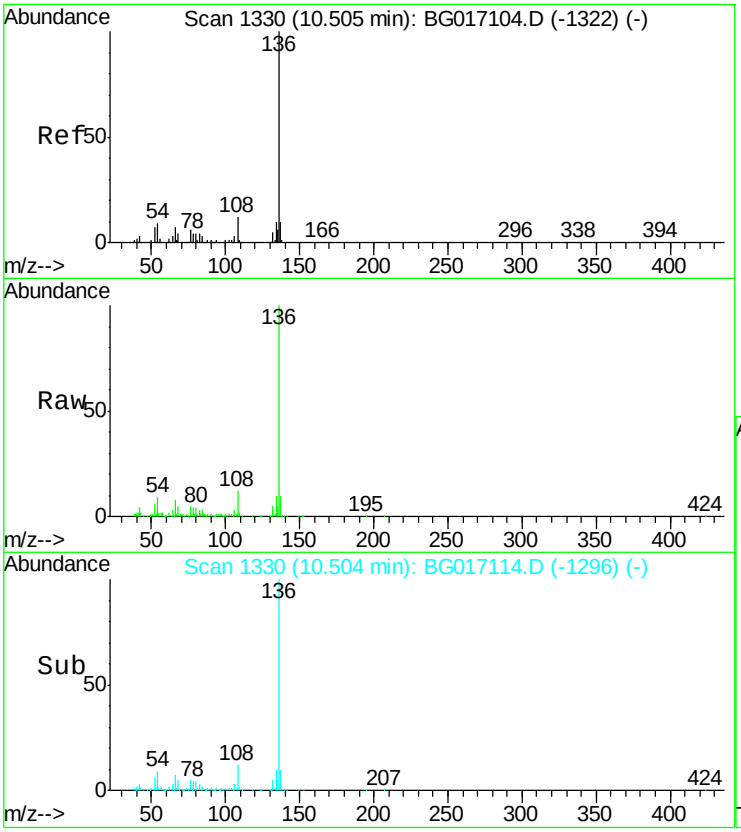


#10
Phenol
Concen: 2.21 ng
RT: 6.93 min Scan# 722
Delta R.T. -0.00 min
Lab File: BG017114.D
Acq: 13 May 2015 19:12

Tgt Ion: 94 Resp: 8166

Ion	Ratio	Lower	Upper
94	100		
65	38.0	15.0	55.0
66	65.8	32.1	72.1



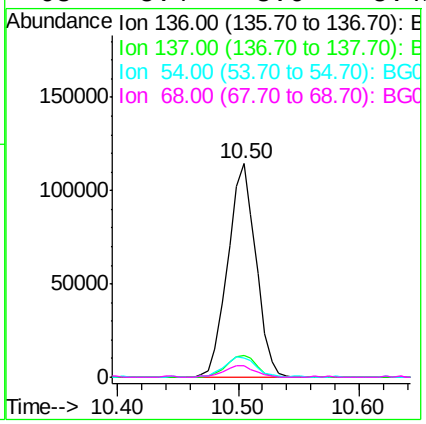


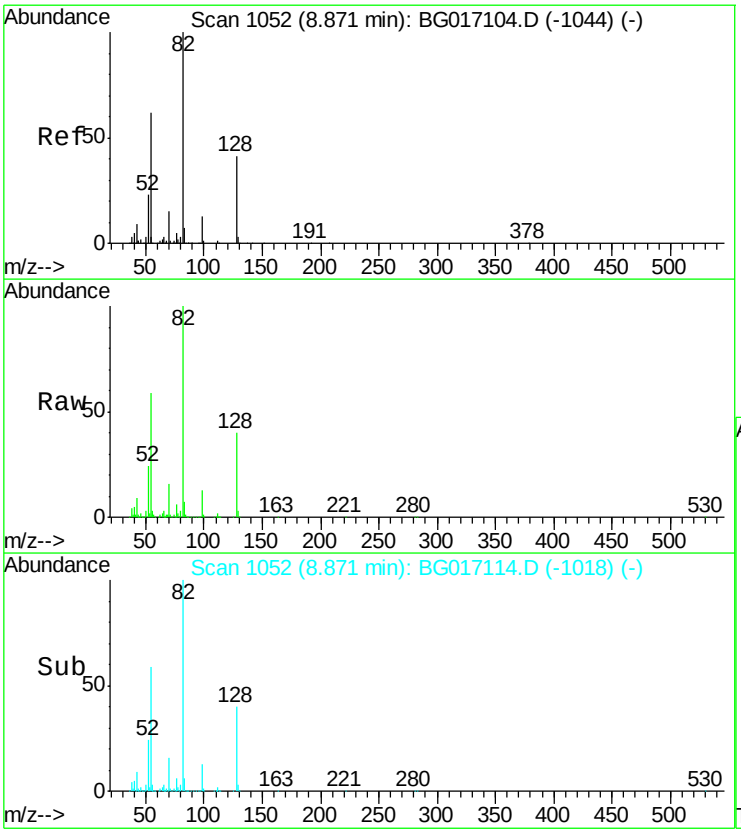
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG017114.D
Acq: 13 May 2015 19:12

Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-2.5

Tgt Ion:136 Resp: 185033

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.3	12.5
54	8.8	7.4	11.2
68	5.4	3.6	5.4#

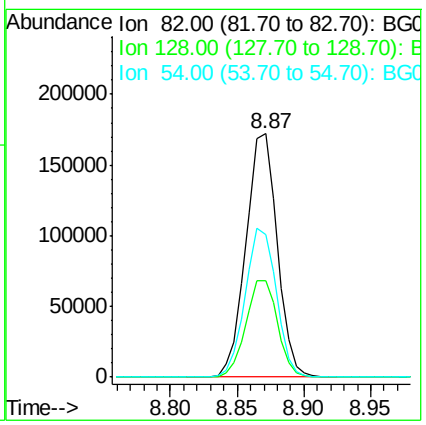


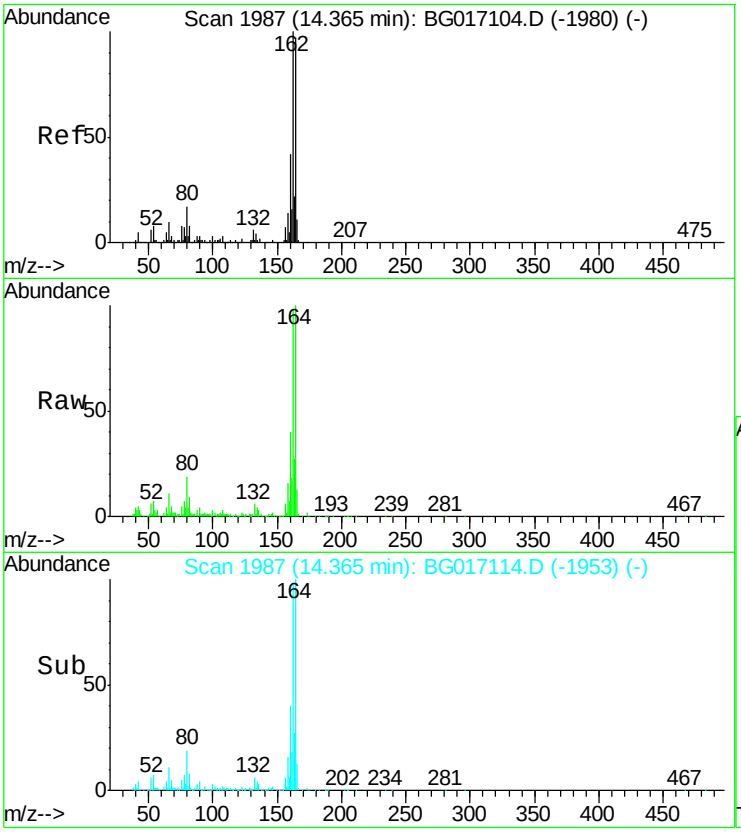


#23
Nitrobenzene-d5
Concen: 70.20 ng
RT: 8.87 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BG017114.D
Acq: 13 May 2015 19:12

Tgt Ion: 82 Resp: 278217

Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.6	49.0
54	58.6	49.6	74.4



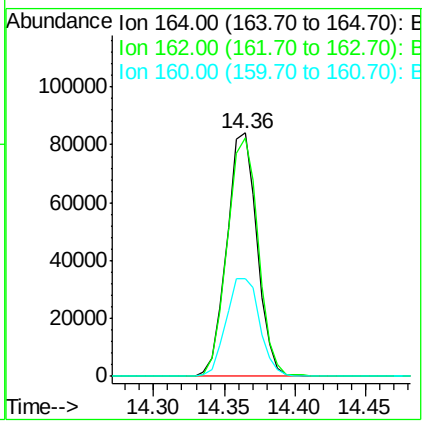


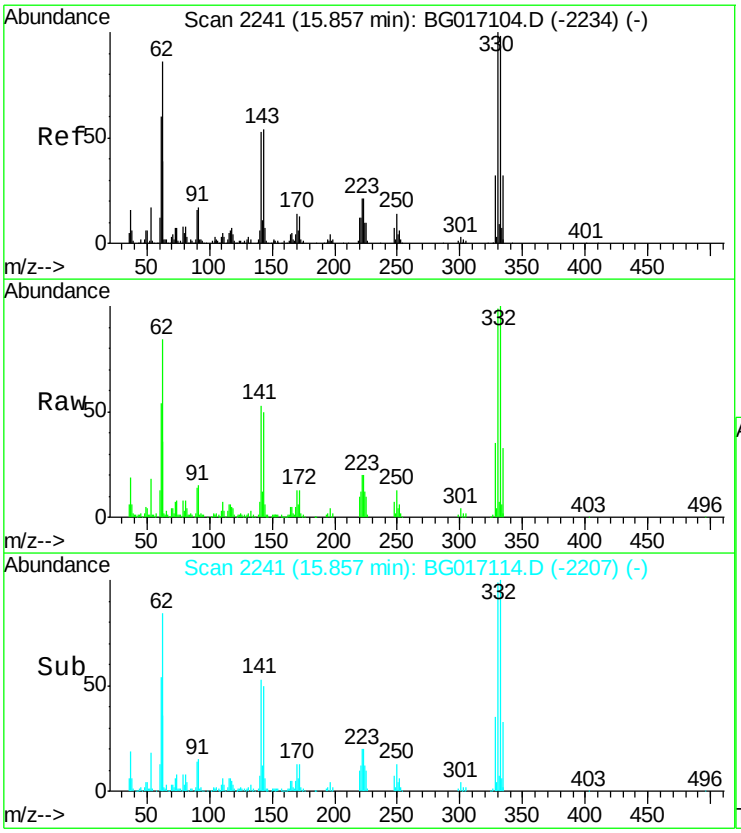
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.36 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG017114.D
Acq: 13 May 2015 19:12

Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-2.5

Tgt Ion:164 Resp: 125088

Ion	Ratio	Lower	Upper
164	100		
162	98.1	82.1	123.1
160	40.4	34.8	52.2

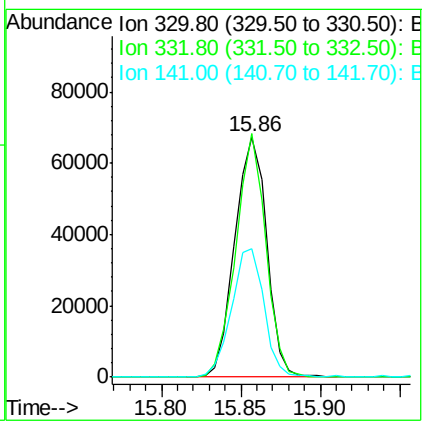


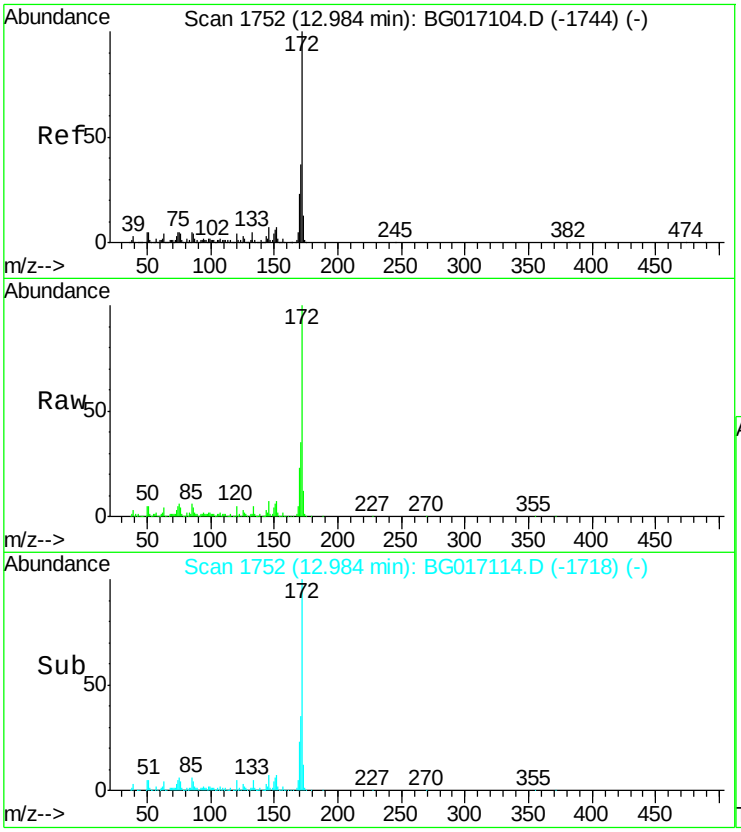


#41
2,4,6-Tribromophenol
Concen: 62.19 ng
RT: 15.86 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BG017114.D
Acq: 13 May 2015 19:12

Tgt Ion:330 Resp: 94043

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.9	115.3
141	54.4	42.2	63.2



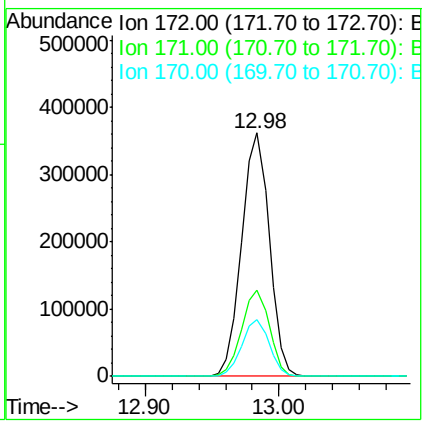


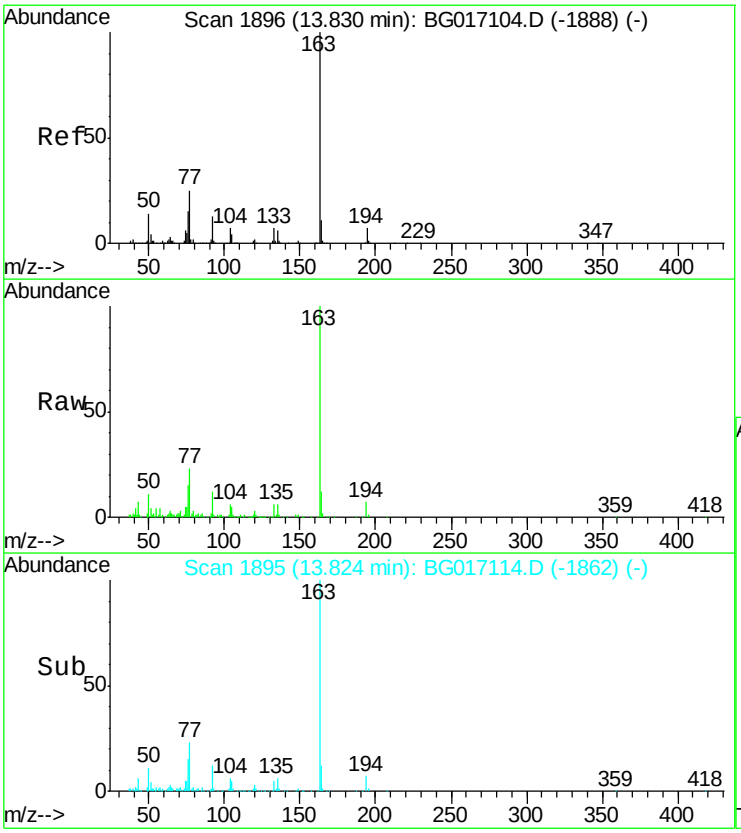
#44
2-Fluorobiphenyl
Concen: 60.61 ng
RT: 12.98 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BG017114.D
Acq: 13 May 2015 19:12

Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-2.5

Tgt Ion:172 Resp: 516699

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.1	18.4	27.6

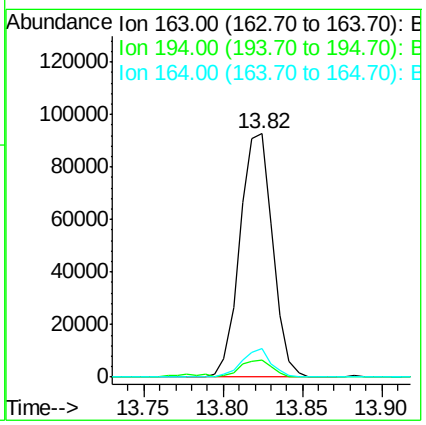


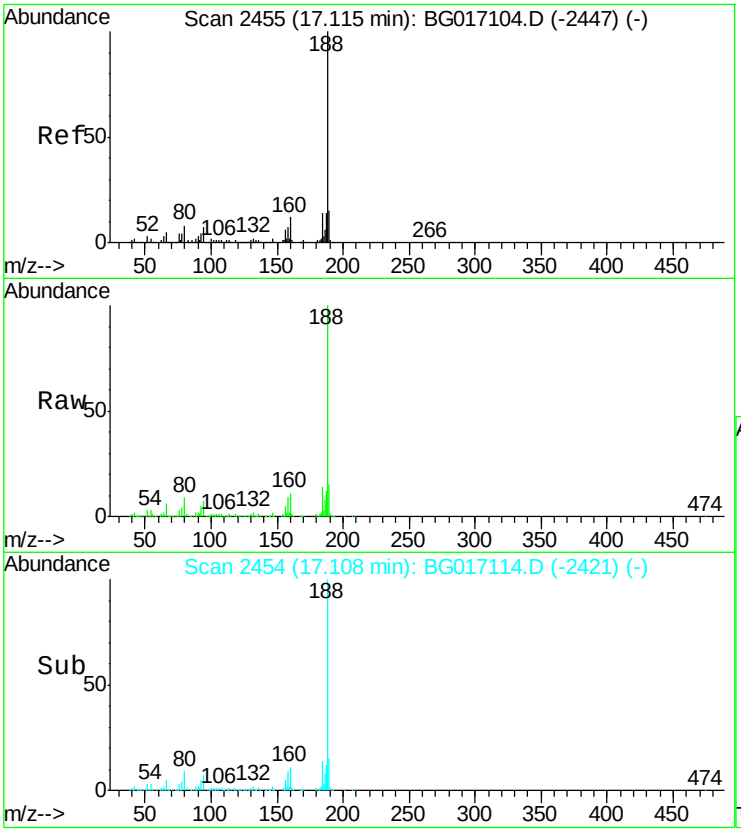


#49
Dimethylphthalate
Concen: 13.56 ng
RT: 13.82 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BG017114.D
Acq: 13 May 2015 19:12

Tgt Ion:163 Resp: 132605

Ion	Ratio	Lower	Upper
163	100		
194	7.3	5.6	8.4
164	11.7	8.6	13.0



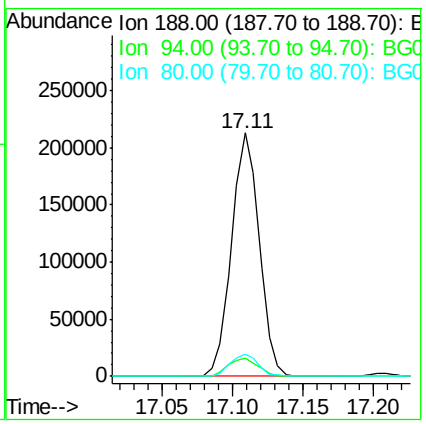


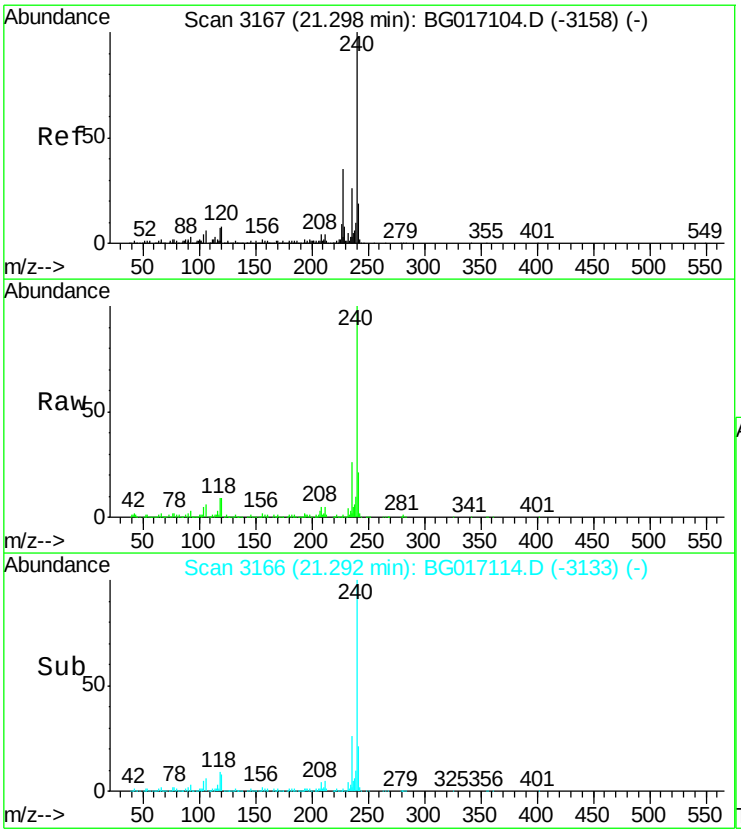
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG017114.D
Acq: 13 May 2015 19:12

Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-2.5

Tgt Ion:188 Resp: 290984

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.8	8.6
80	9.3	6.5	9.7

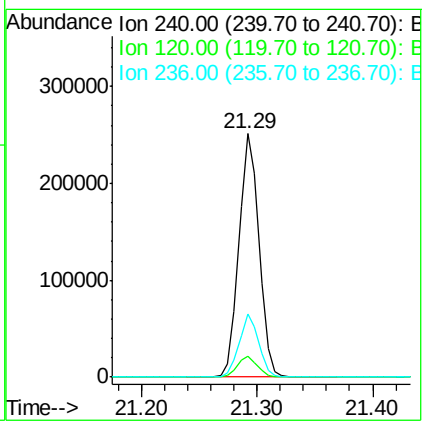


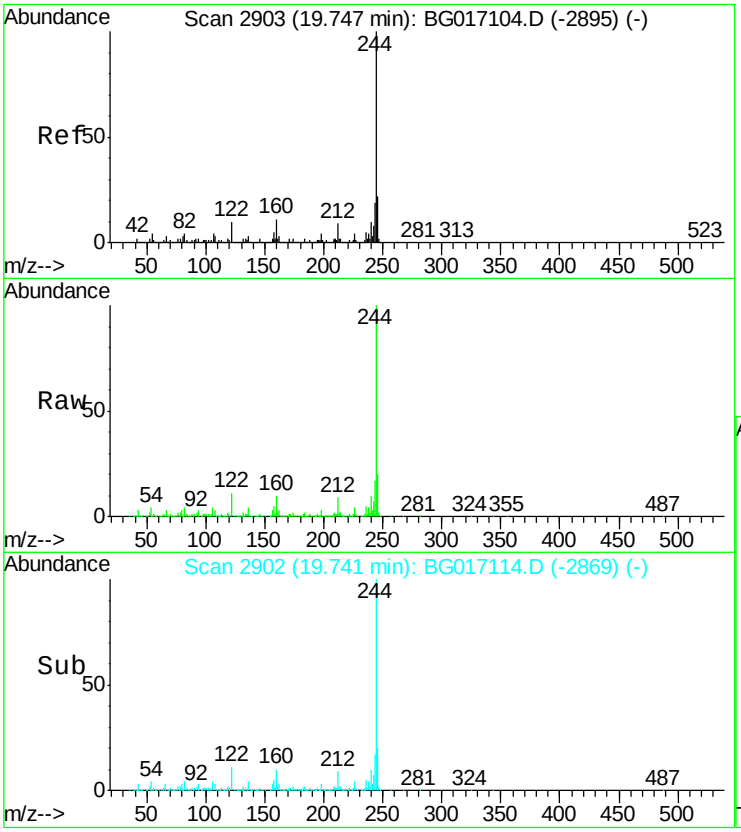


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG017114.D
Acq: 13 May 2015 19:12

Tgt Ion:240 Resp: 303425

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.0	9.0
236	25.7	20.5	30.7



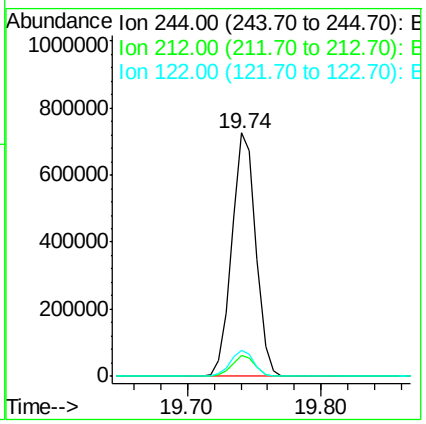


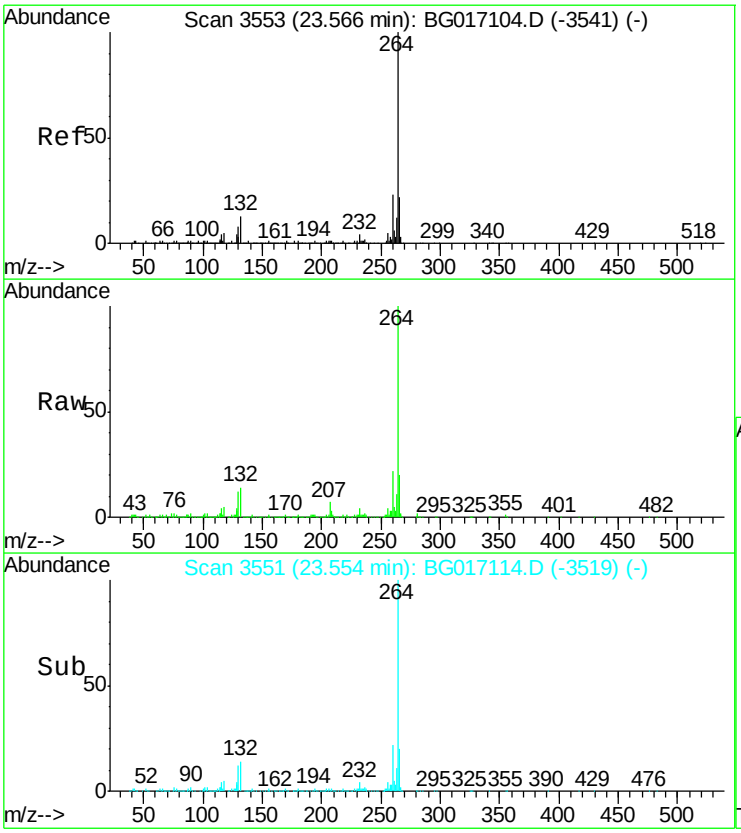
#78
Terphenyl-d14
Concen: 62.46 ng
RT: 19.74 min Scan# 2902
Delta R.T. -0.01 min
Lab File: BG017114.D
Acq: 13 May 2015 19:12

Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-2.5

Tgt Ion:244 Resp: 909427

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.4
122	10.8	8.4	12.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.55 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG017114.D
Acq: 13 May 2015 19:12

Tgt Ion:264 Resp: 297919

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.0	27.0
265	20.0	17.4	26.0