Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
Data File : BG017182.D
Acq On : 15 May 2015 18:58
Operator : TP/IZ
Sample : G2234-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW9

Quant Time: May 16 00:54:55 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	7.70	152	42995	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	178815	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	119207	20.00	ng	0.00
63) Phenanthrene-d10	17.10	188	289673	20.00	ng	0.00
75) Chrysene-d12	21.29	240	321477	20.00	ng	0.00
86) Perylene-d12	23.56	264	311562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	161171	66.51	ng	0.00
7) Phenol-d6	6.91	99	133788	39.34	ng	0.00
23) Nitrobenzene-d5	8.87	82	326981	85.37	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	207189	143.78	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	682159	83.97	ng	0.00
78) Terphenyl-d14	19.74	244	1080120	70.02	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.81	163	27782	2.98	ng	98

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

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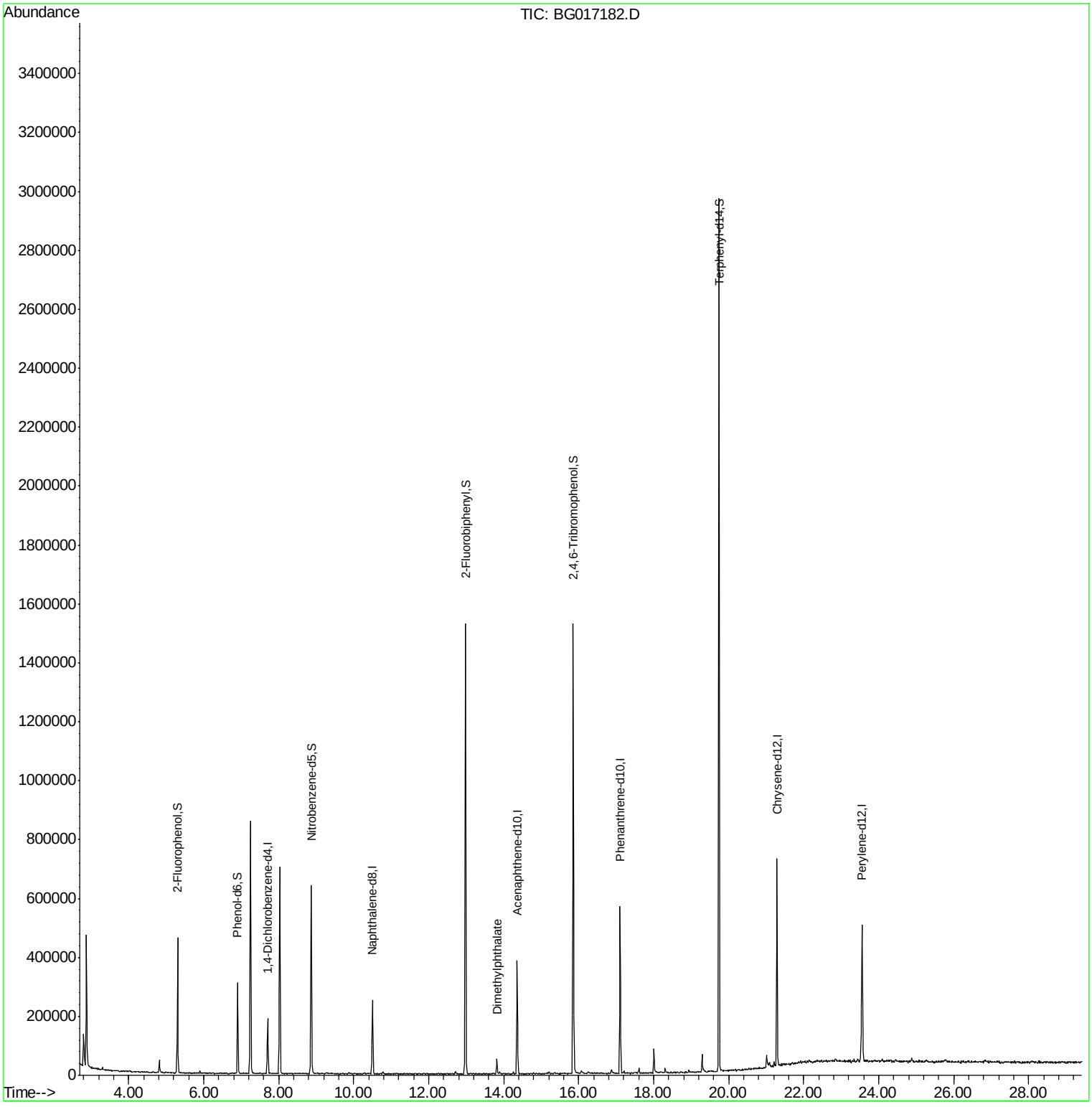
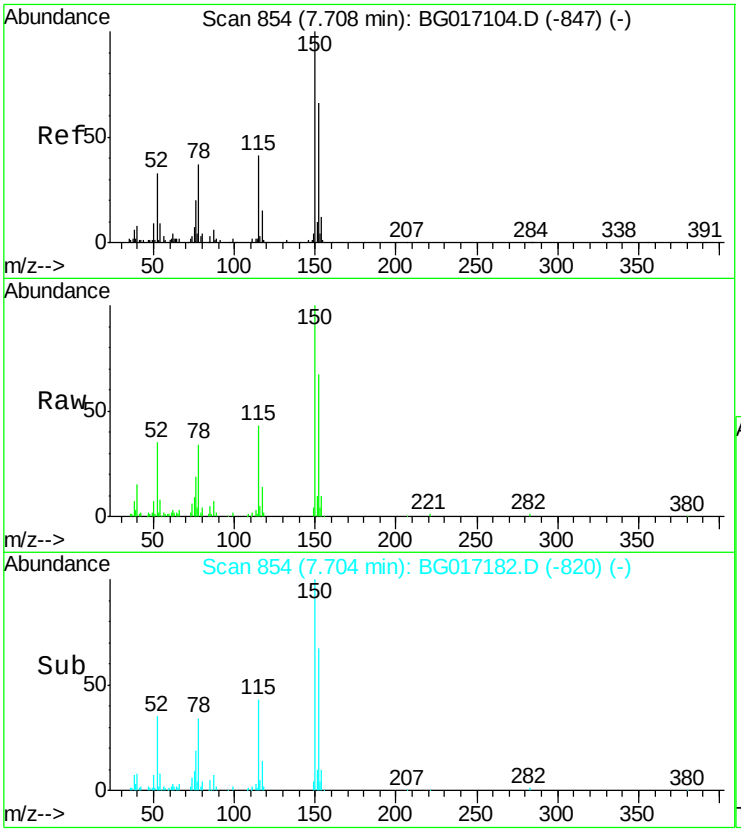


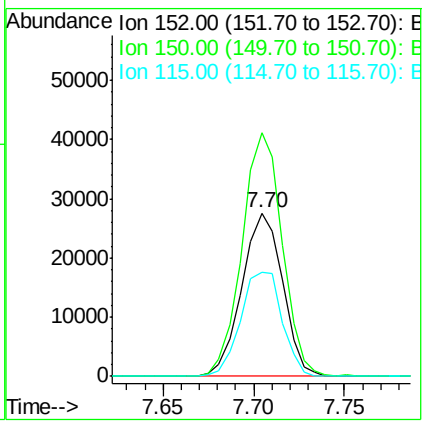


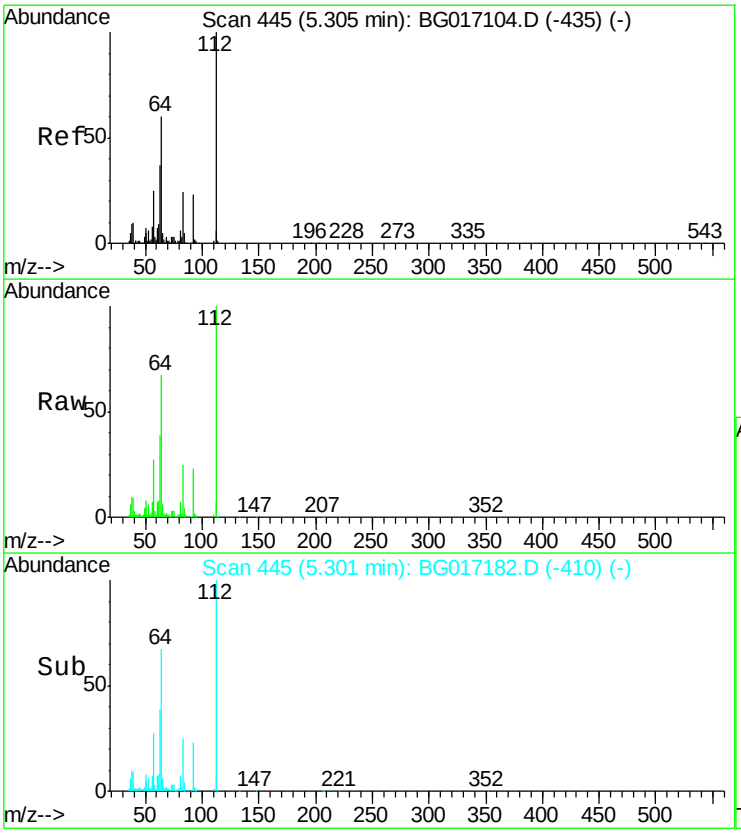
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG017182.D
Acq: 15 May 2015 18:58

Instrument :
BNA_G
ClientSampleId :
MW9

Tgt Ion:152 Resp: 42995

Ion	Ratio	Lower	Upper
152	100		
150	149.2	120.8	181.2
115	64.0	49.4	74.2

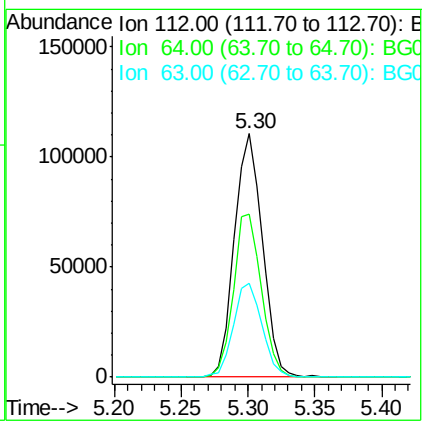


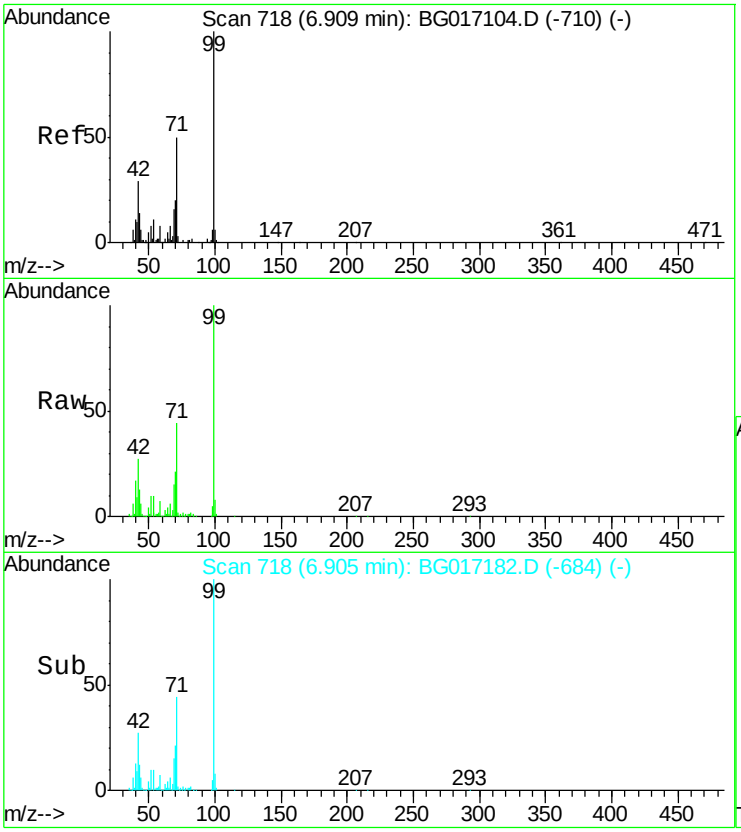


#5
2-Fluorophenol
Concen: 66.51 ng
RT: 5.30 min Scan# 445
Delta R.T. 0.00 min
Lab File: BG017182.D
Acq: 15 May 2015 18:58

Tgt Ion:112 Resp: 161171

Ion	Ratio	Lower	Upper
112	100		
64	66.8	48.1	72.1
63	38.6	29.8	44.8



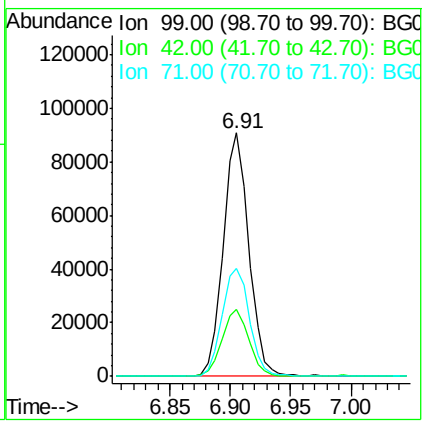


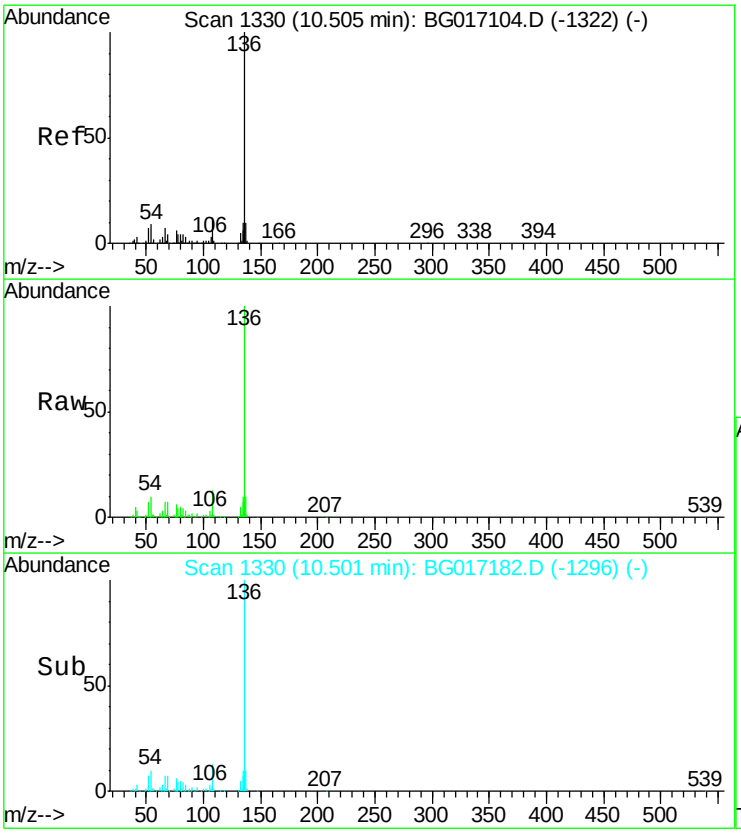
#7
Phenol-d6
Concen: 39.34 ng
RT: 6.91 min Scan# 718
Delta R.T. -0.00 min
Lab File: BG017182.D
Acq: 15 May 2015 18:58

Instrument :
BNA_G
ClientSampleId :
MW9

Tgt Ion: 99 Resp: 133788

Ion	Ratio	Lower	Upper
99	100		
42	27.5	23.5	35.3
71	44.3	39.8	59.8

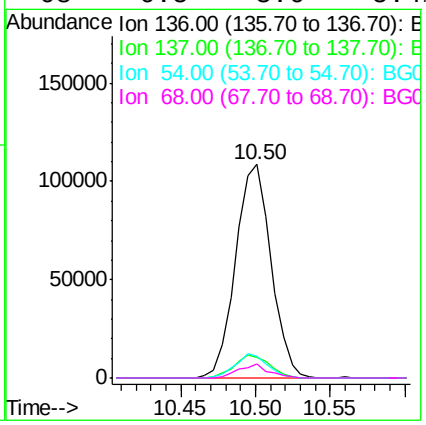


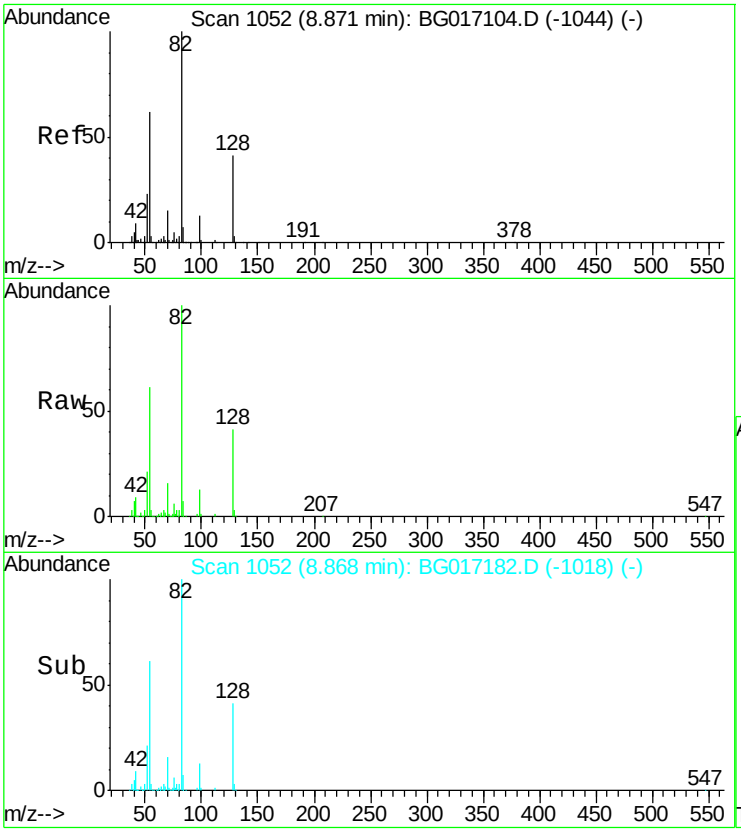


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG017182.D
Acq: 15 May 2015 18:58

Tgt Ion:136 Resp: 178815

Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.3	12.5
54	10.8	7.4	11.2
68	6.5	3.6	5.4#



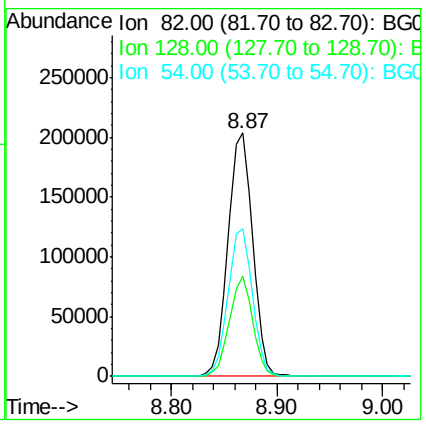


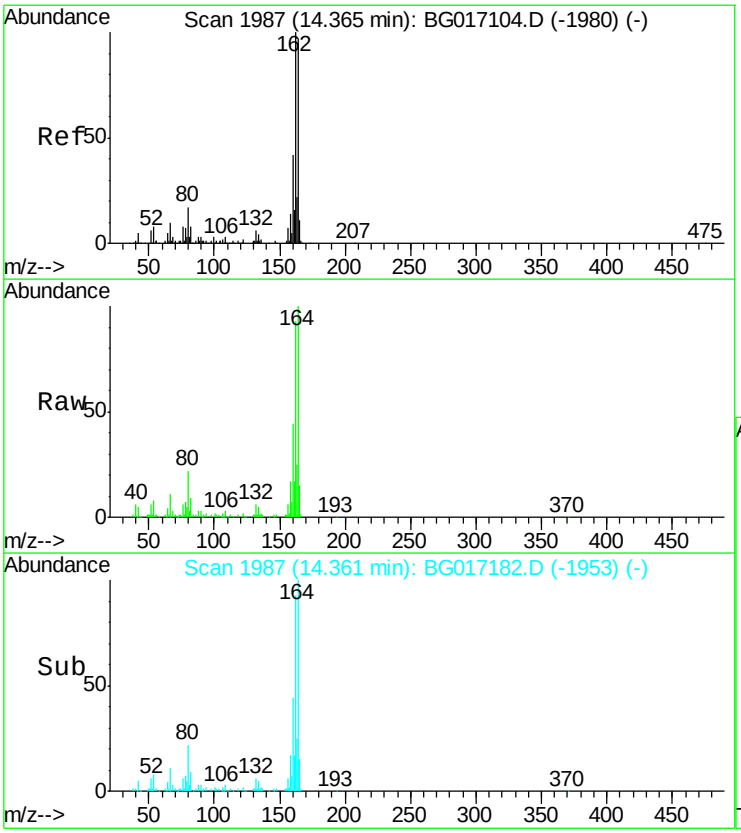
#23
Nitrobenzene-d5
Concen: 85.37 ng
RT: 8.87 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BG017182.D
Acq: 15 May 2015 18:58

Instrument :
BNA_G
ClientSampleId :
MW9

Tgt Ion: 82 Resp: 326981

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.6	49.0
54	60.8	49.6	74.4

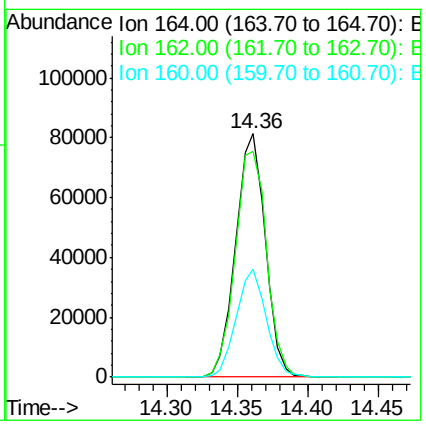


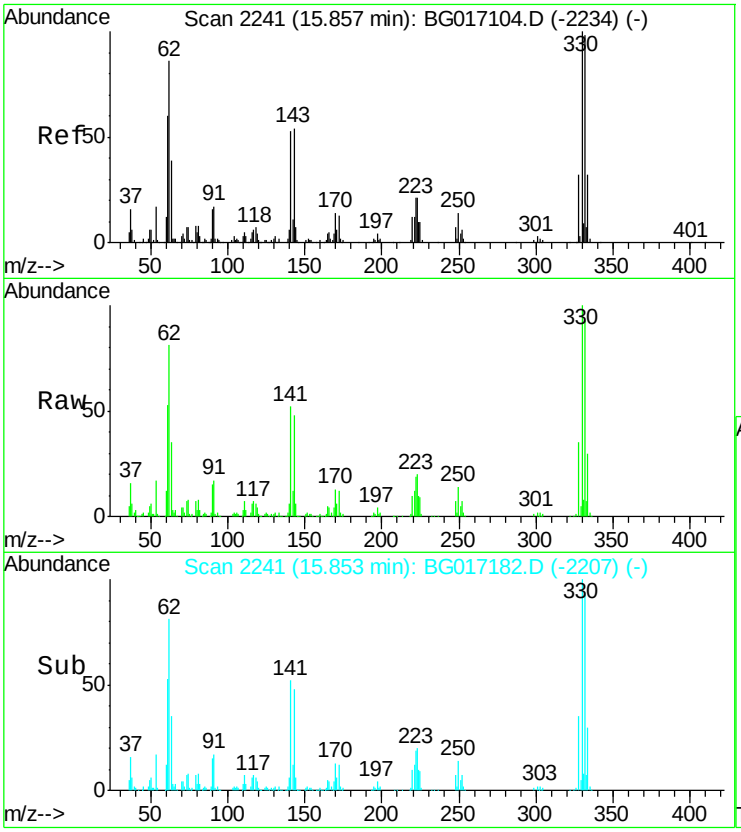


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.36 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG017182.D
Acq: 15 May 2015 18:58

Tgt Ion:164 Resp: 119207

Ion	Ratio	Lower	Upper
164	100		
162	92.9	82.1	123.1
160	44.2	34.8	52.2



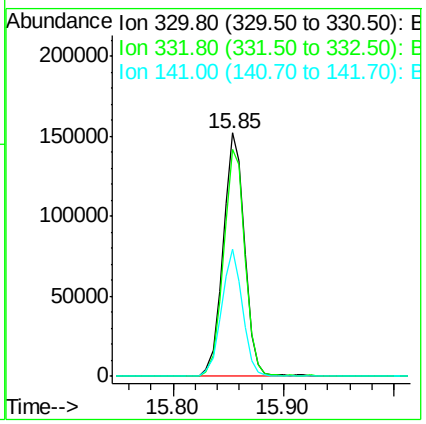


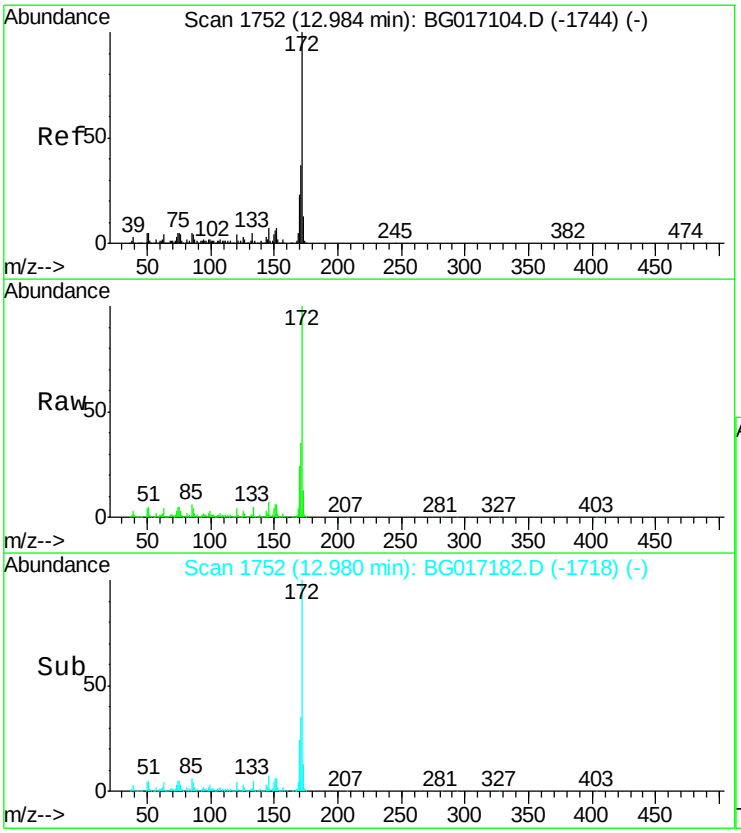
#41
2,4,6-Tribromophenol
Concen: 143.78 ng
RT: 15.85 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BG017182.D
Acq: 15 May 2015 18:58

Instrument :
BNA_G
ClientSampleId :
MW9

Tgt Ion:330 Resp: 207189

Ion	Ratio	Lower	Upper
330	100		
332	93.2	76.9	115.3
141	50.9	42.2	63.2

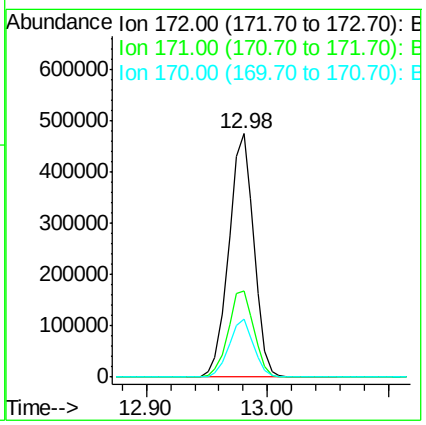


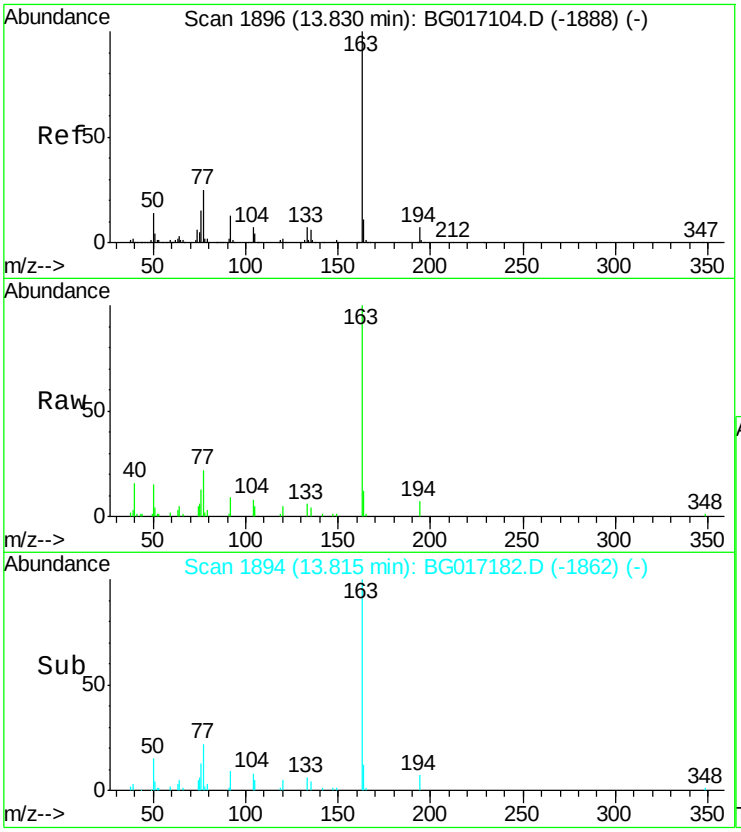


#44
2-Fluorobiphenyl
Concen: 83.97 ng
RT: 12.98 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BG017182.D
Acq: 15 May 2015 18:58

Tgt Ion:172 Resp: 682159

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.6	18.4	27.6



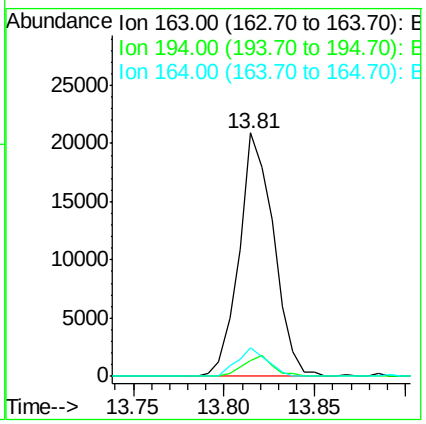


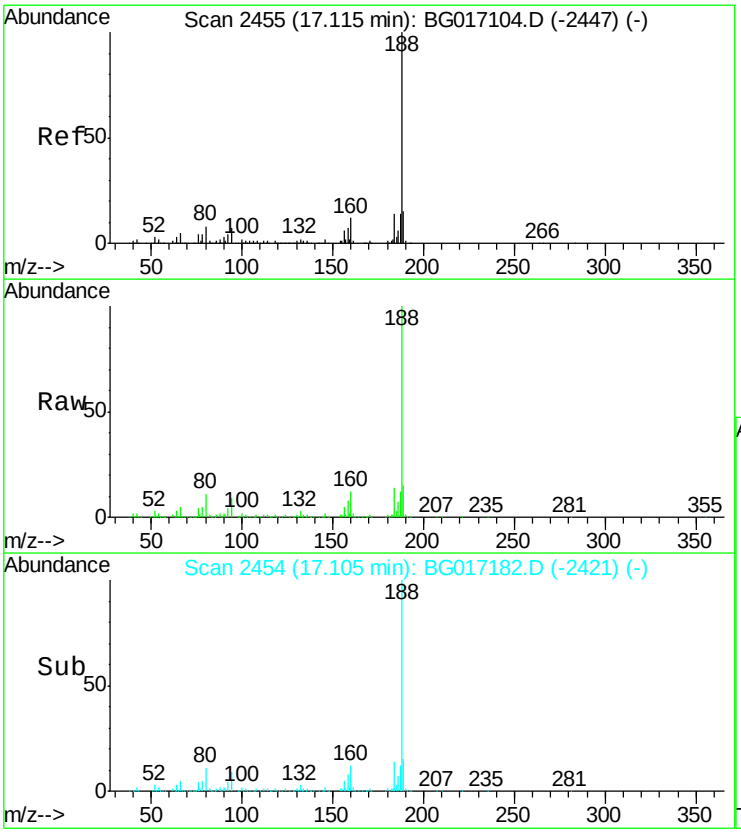
#49
Dimethylphthalate
Concen: 2.98 ng
RT: 13.81 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BG017182.D
Acq: 15 May 2015 18:58

Instrument :
BNA_G
ClientSampleId :
MW9

Tgt Ion:163 Resp: 27782

Ion	Ratio	Lower	Upper
163	100		
194	6.7	5.6	8.4
164	11.8	8.6	13.0

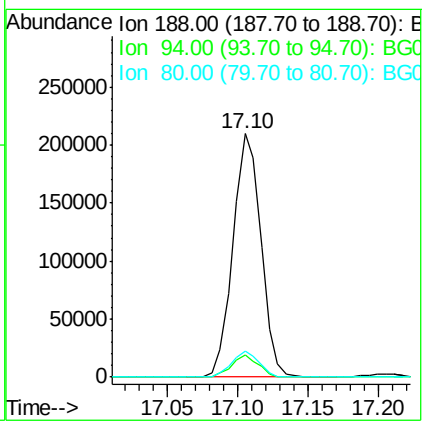


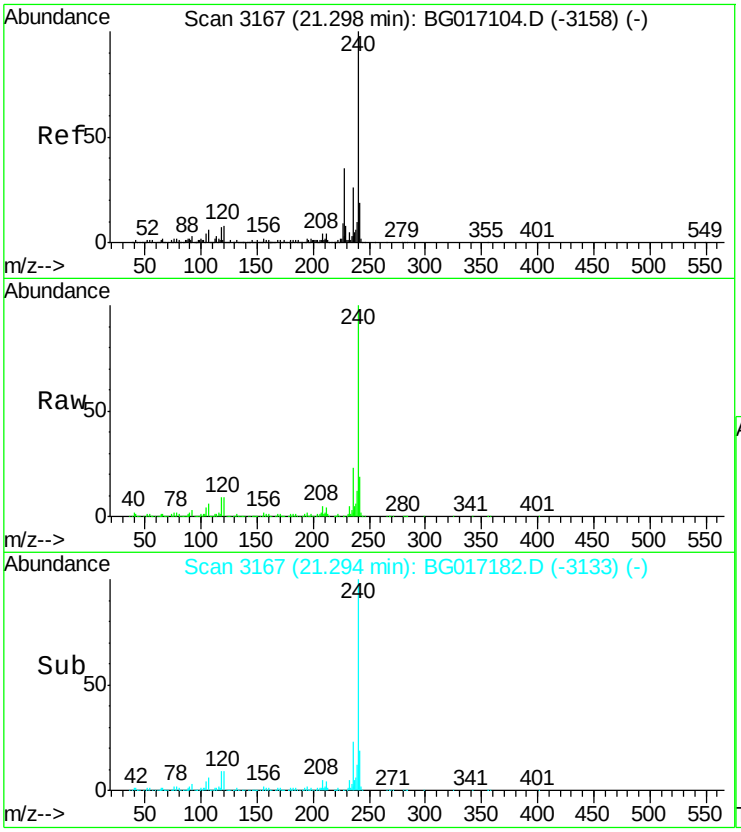


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.10 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG017182.D
Acq: 15 May 2015 18:58

Tgt Ion:188 Resp: 289673

Ion	Ratio	Lower	Upper
188	100		
94	9.2	5.8	8.6#
80	10.7	6.5	9.7#



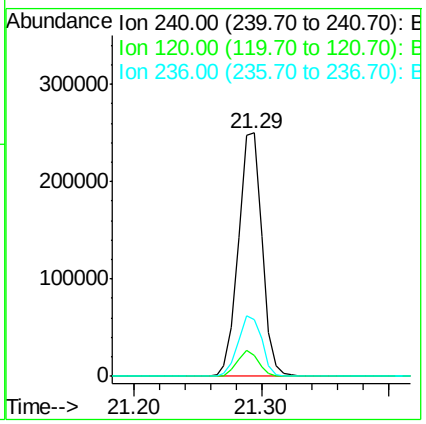


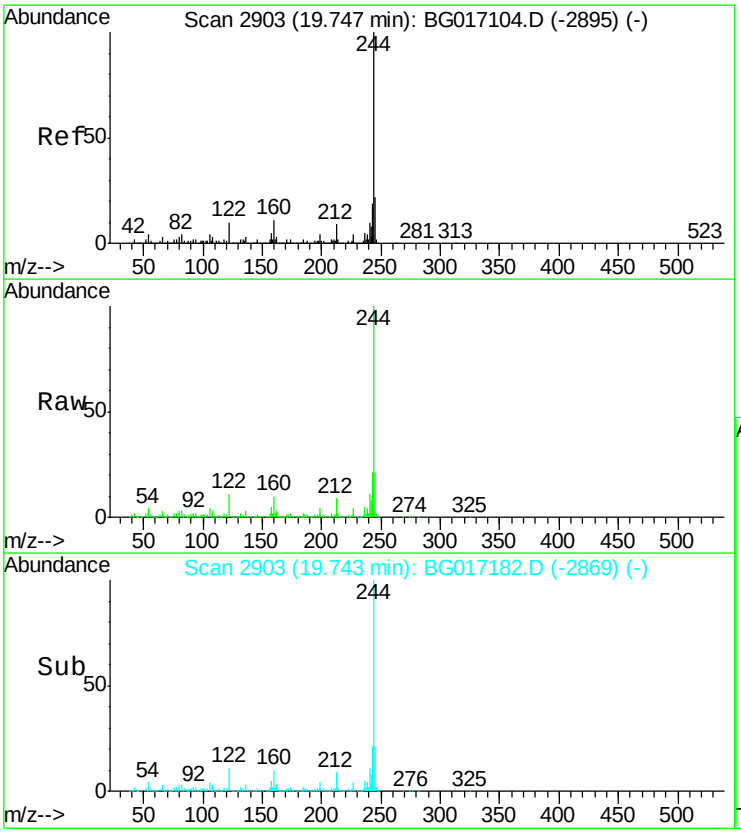
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG017182.D
Acq: 15 May 2015 18:58

Instrument :
BNA_G
ClientSampleId :
MW9

Tgt Ion:240 Resp: 321477

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.0	9.0
236	23.1	20.5	30.7

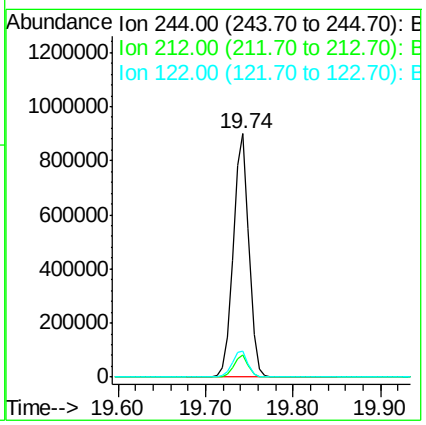


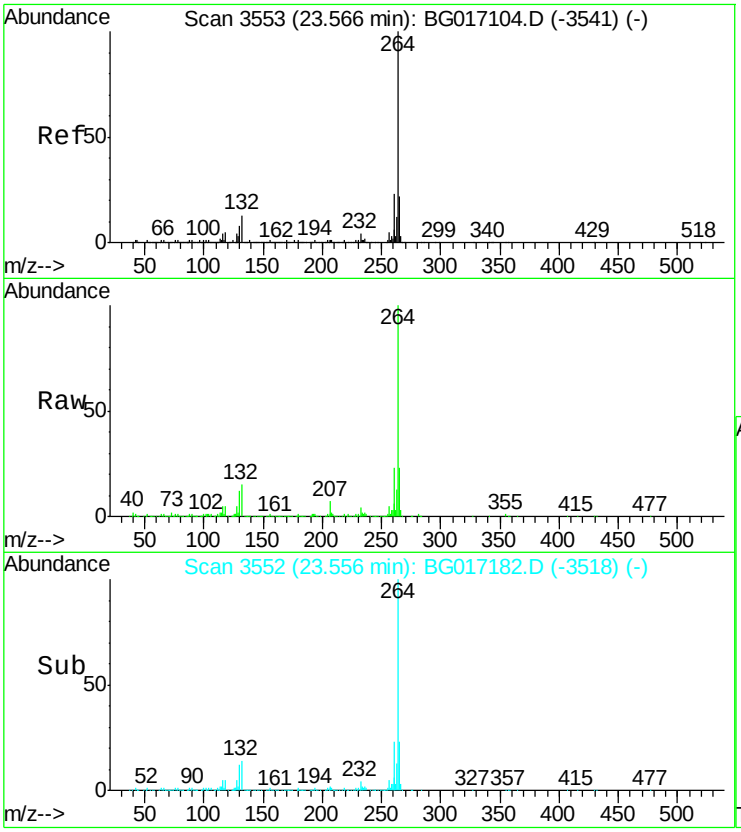


#78
Terphenyl-d14
Concen: 70.02 ng
RT: 19.74 min Scan# 2903
Delta R.T. -0.00 min
Lab File: BG017182.D
Acq: 15 May 2015 18:58

Tgt Ion:244 Resp: 1080120

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	10.8	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: BG017182.D
Acq: 15 May 2015 18:58

Instrument :
BNA_G
ClientSampleId :
MW9

Tgt Ion:264 Resp: 311562

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.0	27.0
265	23.2	17.4	26.0