Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017335.D
Acq On : 28 May 2015 20:57
Operator : TP/IZ
Sample : G2386-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-D10

Quant Time: May 29 01:15:21 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 01:04:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	23563	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	97000	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	62324	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	145500	20.00	ng	0.00
75) Chrysene-d12	21.25	240	178381	20.00	ng	0.00
86) Perylene-d12	23.49	264	174468	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	110555	83.24	ng	0.00
7) Phenol-d6	6.86	99	184419	98.95	ng	0.00
23) Nitrobenzene-d5	8.82	82	129531	62.34	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	45764	60.74	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	244817	57.64	ng	0.00
78) Terphenyl-d14	19.69	244	454530	53.10	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.78	163	26364	5.41	ng	# 95

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

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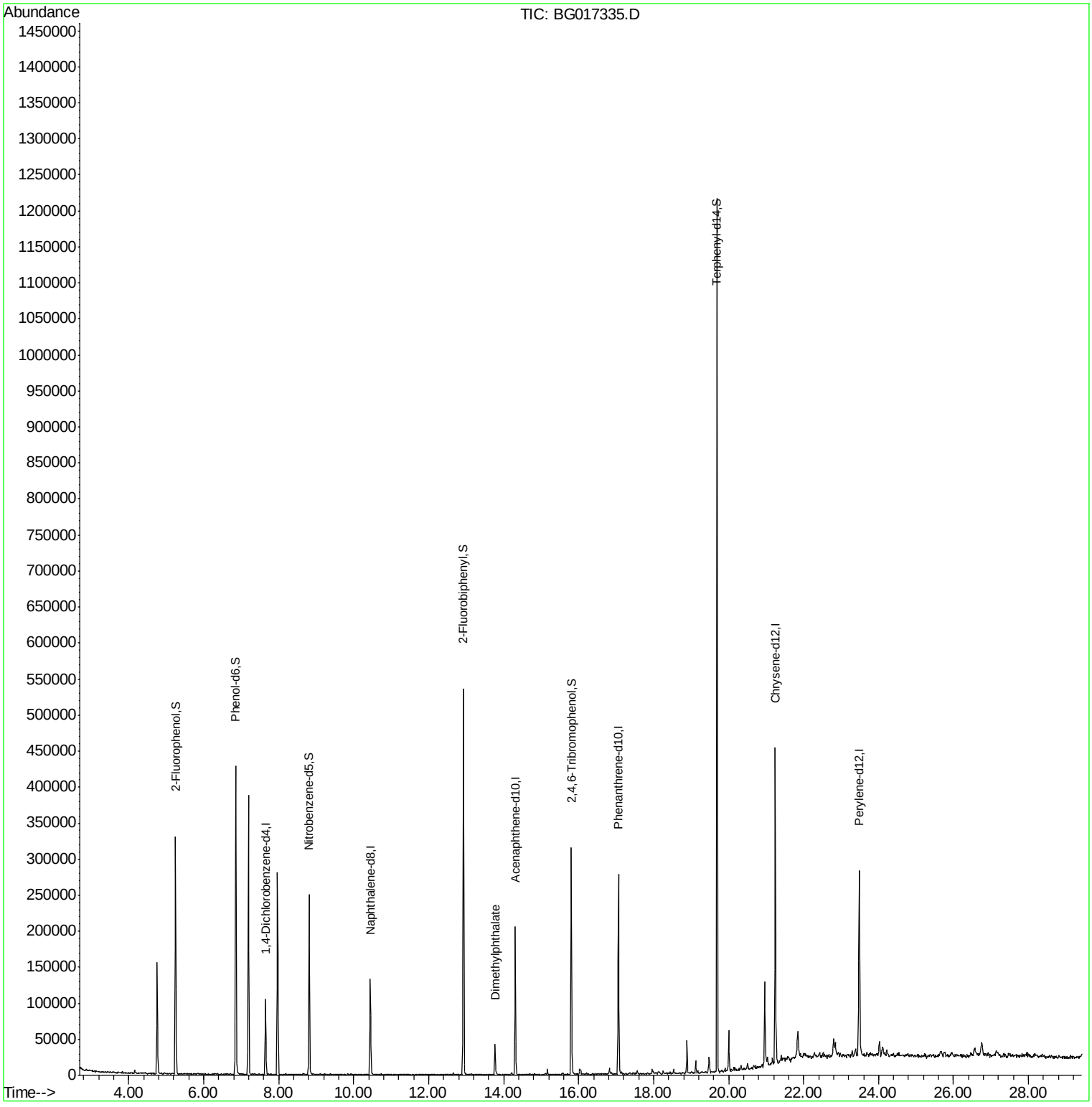
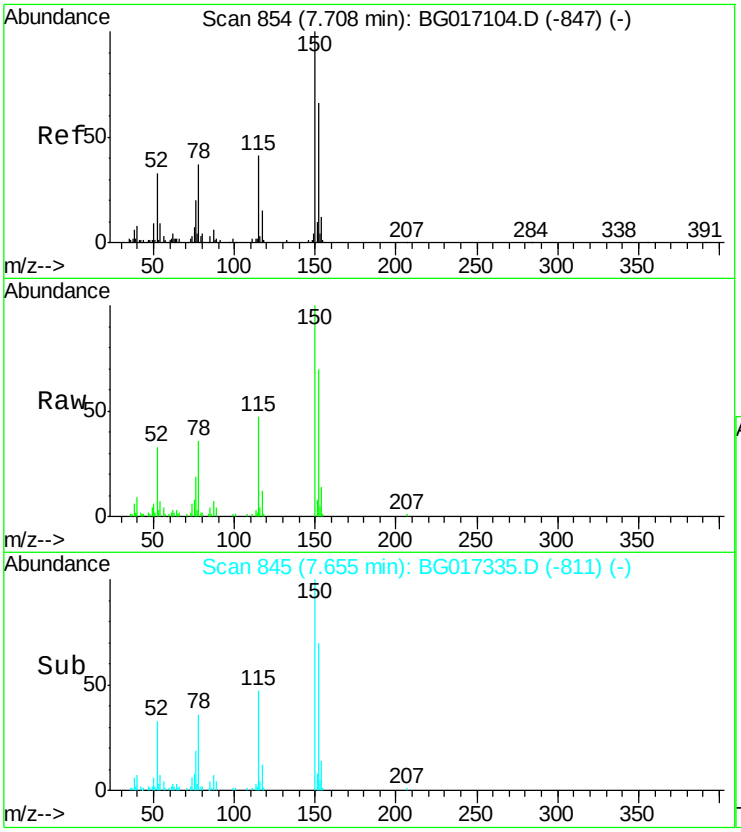


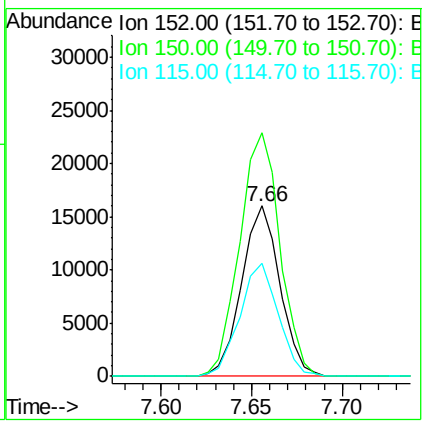


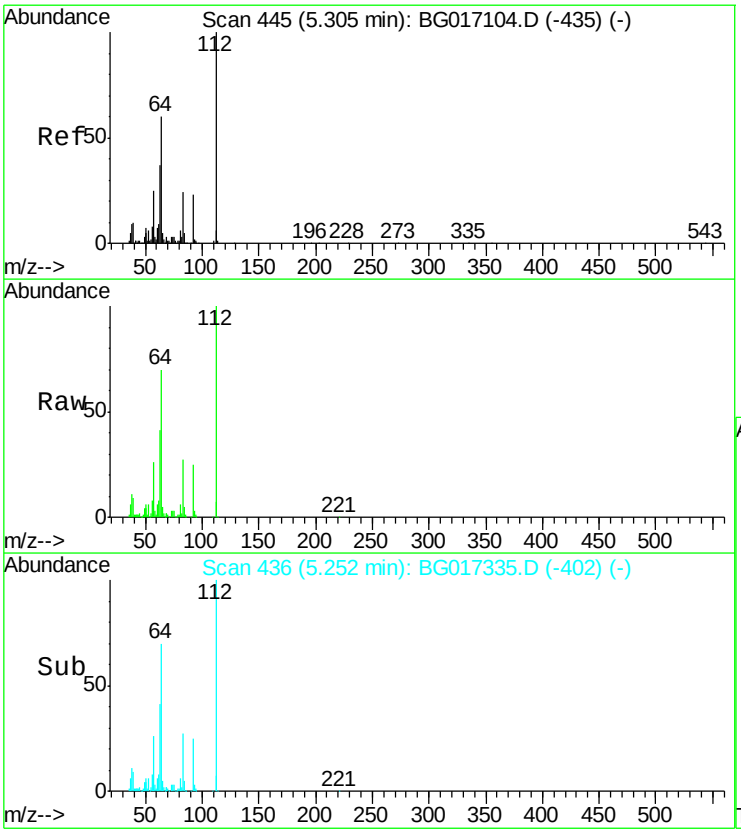
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.66 min Scan# 845
Delta R.T. 0.00 min
Lab File: BG017335.D
Acq: 28 May 2015 20:57

Instrument :
BNA_G
ClientSampleId :
TP-2-D10

Tgt Ion:152 Resp: 23563

Ion	Ratio	Lower	Upper
152	100		
150	142.9	120.8	181.2
115	66.6	49.4	74.2

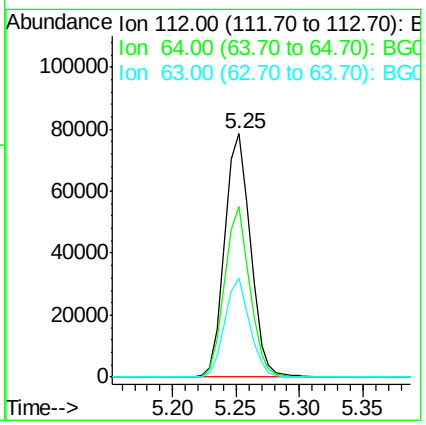


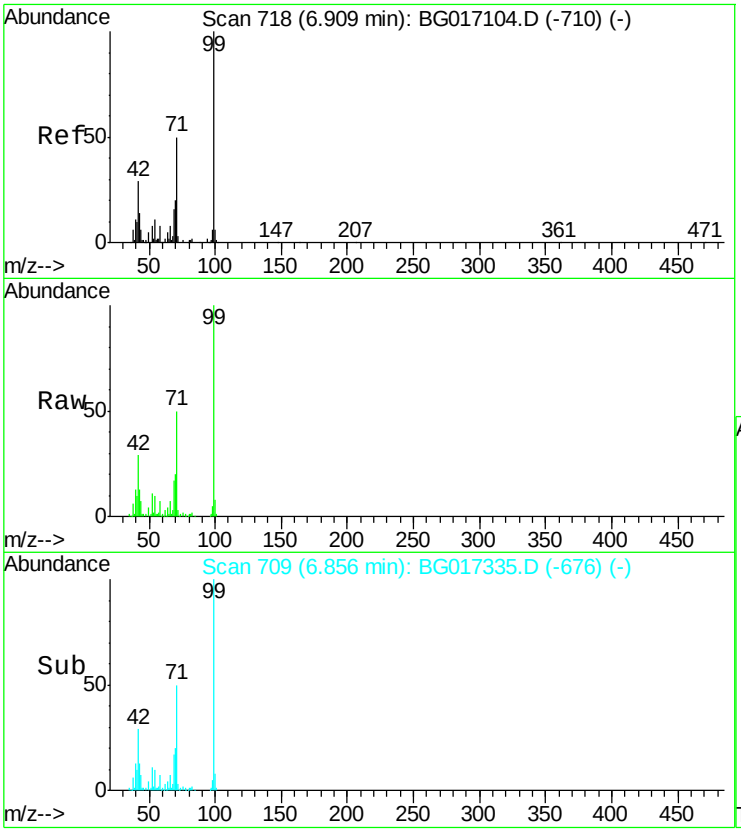


#5
2-Fluorophenol
Concen: 83.24 ng
RT: 5.25 min Scan# 436
Delta R.T. 0.00 min
Lab File: BG017335.D
Acq: 28 May 2015 20:57

Tgt Ion:112 Resp: 110555

Ion	Ratio	Lower	Upper
112	100		
64	70.1	48.1	72.1
63	40.6	29.8	44.8



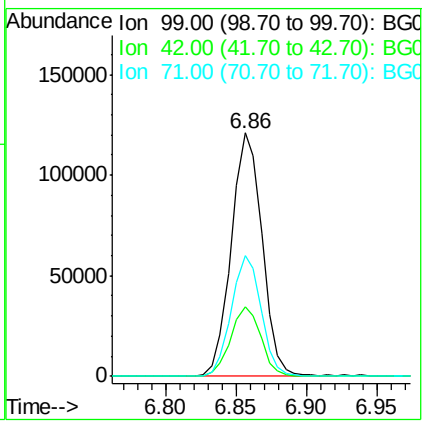


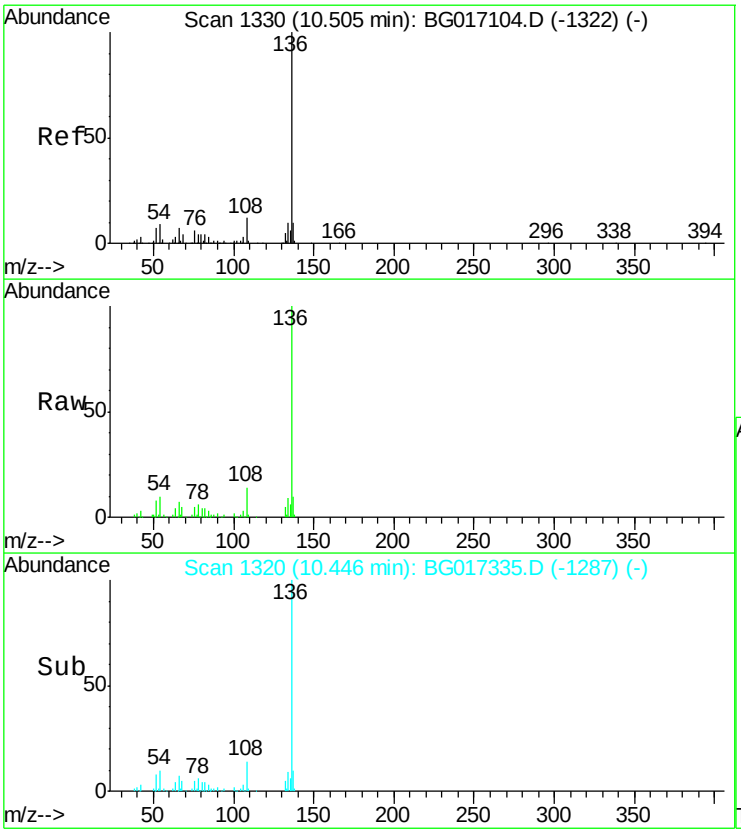
#7
Phenol-d6
Concen: 98.95 ng
RT: 6.86 min Scan# 709
Delta R.T. -0.01 min
Lab File: BG017335.D
Acq: 28 May 2015 20:57

Instrument :
BNA_G
ClientSampleId :
TP-2-D10

Tgt Ion: 99 Resp: 184419

Ion	Ratio	Lower	Upper
99	100		
42	28.7	23.5	35.3
71	49.8	39.8	59.8

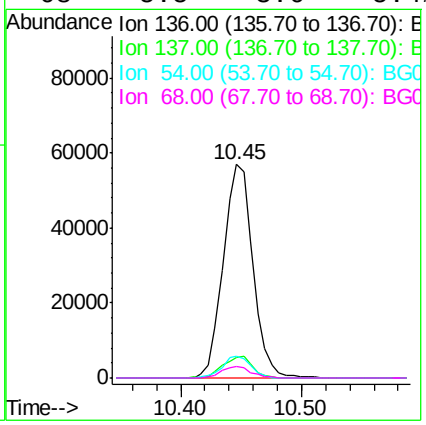


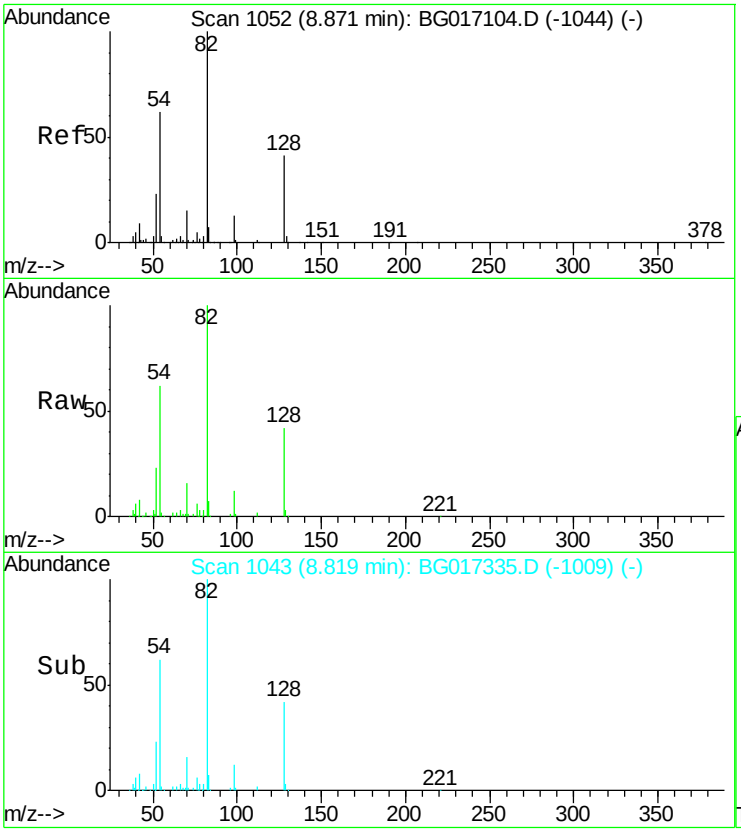


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.45 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG017335.D
Acq: 28 May 2015 20:57

Tgt Ion:136 Resp: 97000

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.3	12.5
54	10.5	7.4	11.2
68	5.5	3.6	5.4#



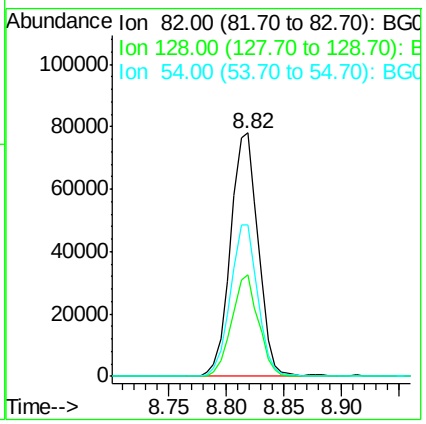


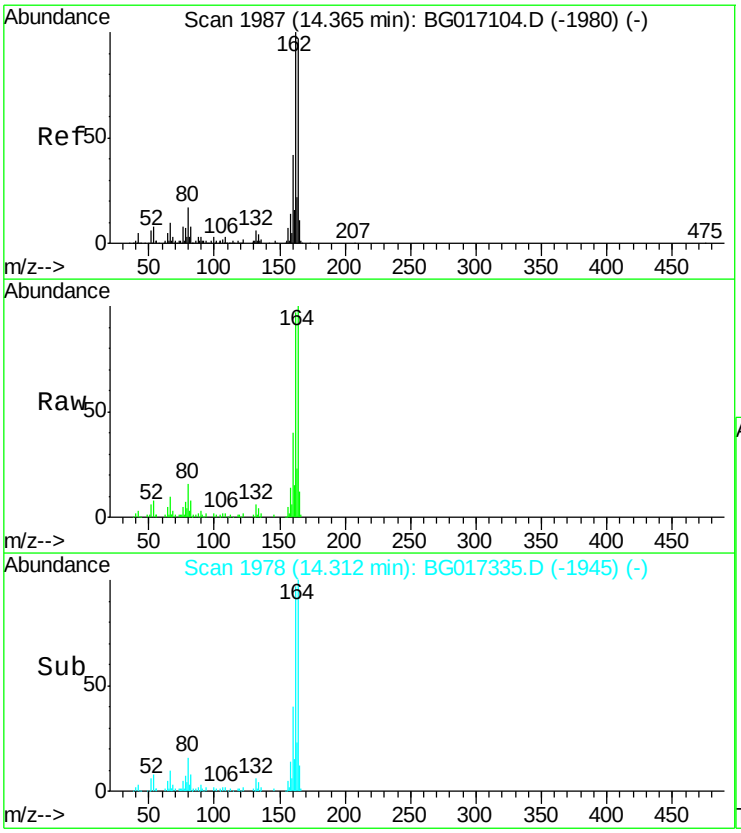
#23
Nitrobenzene-d5
Concen: 62.34 ng
RT: 8.82 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG017335.D
Acq: 28 May 2015 20:57

Instrument :
BNA_G
ClientSampleId :
TP-2-D10

Tgt Ion: 82 Resp: 129531

Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.6	49.0
54	62.3	49.6	74.4

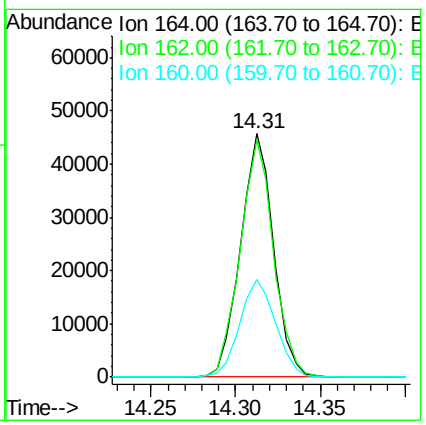


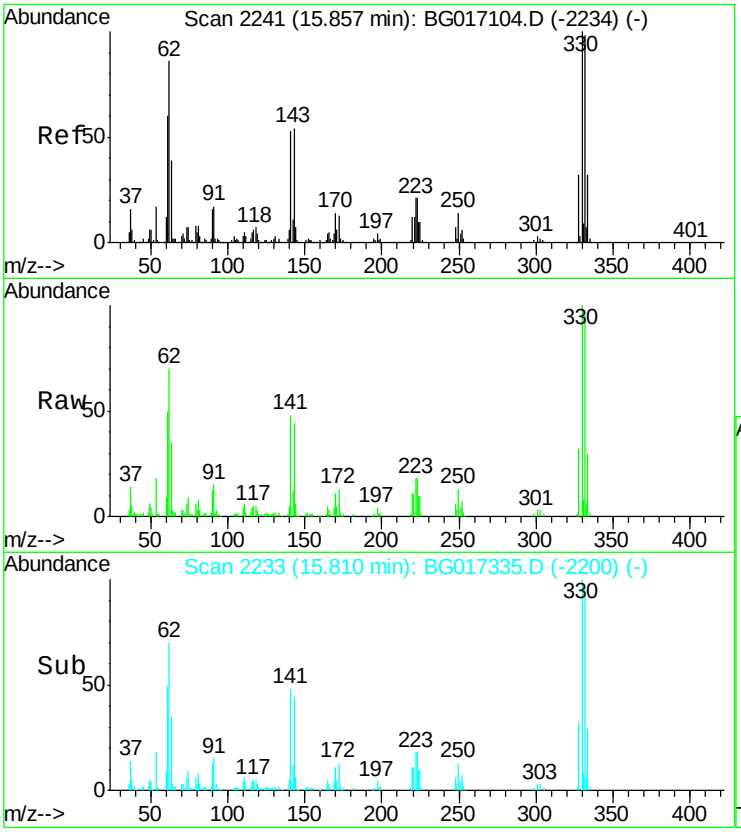


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.31 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG017335.D
Acq: 28 May 2015 20:57

Tgt Ion:164 Resp: 62324

Ion	Ratio	Lower	Upper
164	100		
162	97.3	82.1	123.1
160	40.3	34.8	52.2



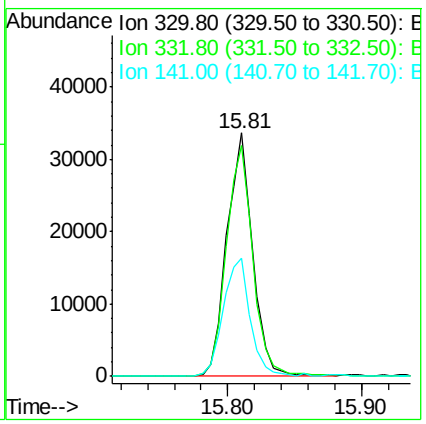


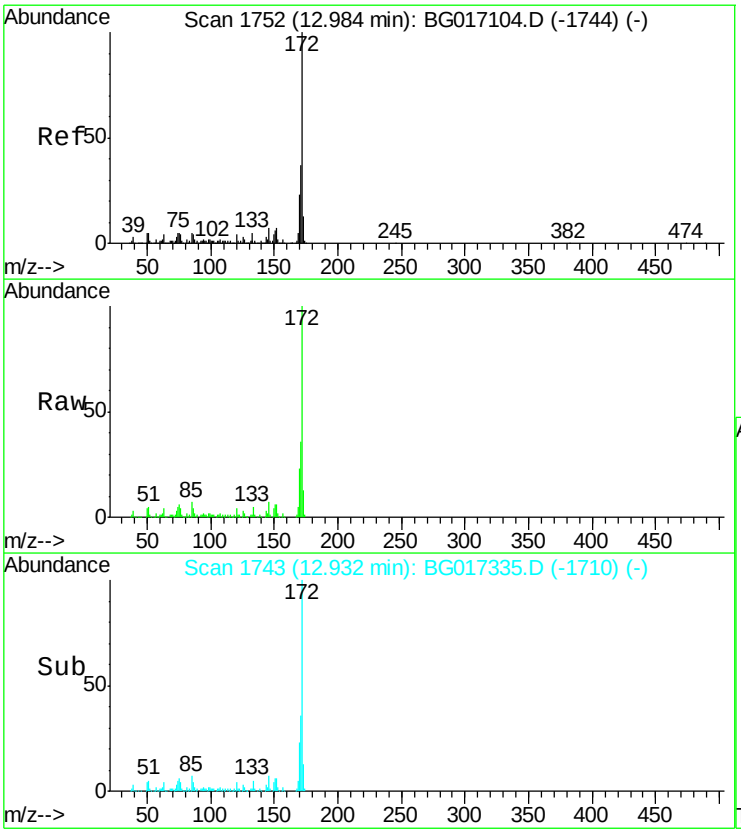
#41
2,4,6-Tribromophenol
Concen: 60.74 ng
RT: 15.81 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BG017335.D
Acq: 28 May 2015 20:57

Instrument :
BNA_G
ClientSampleId :
TP-2-D10

Tgt Ion:330 Resp: 45764

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.9	115.3
141	50.6	42.2	63.2

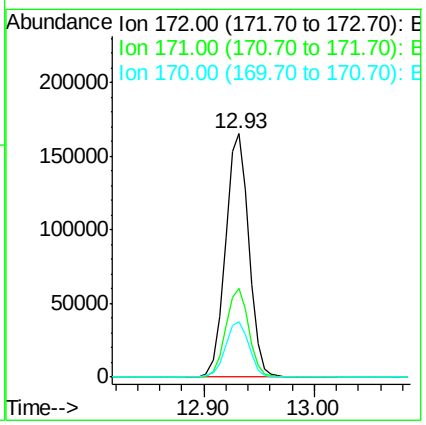


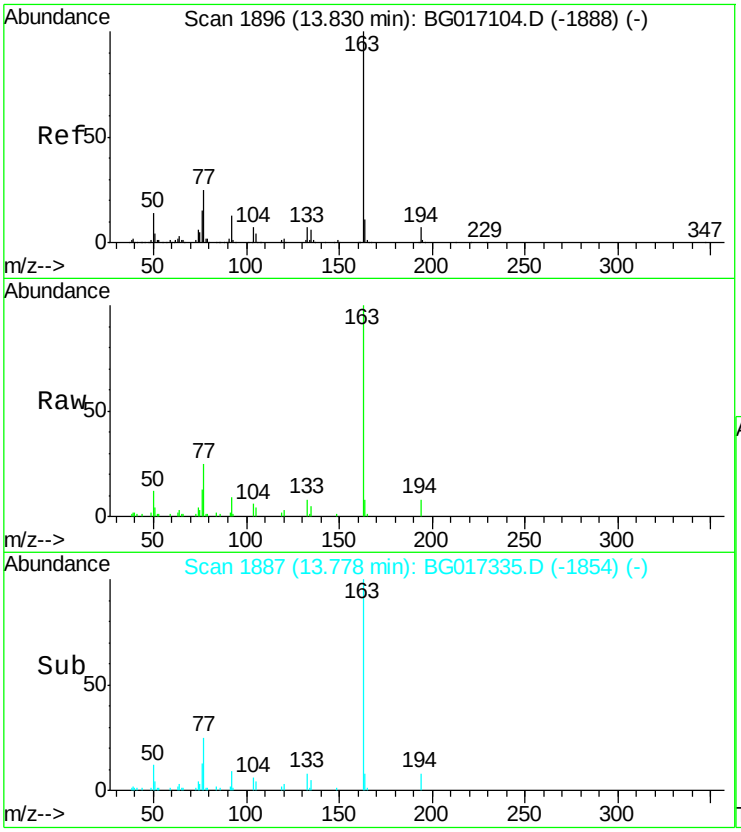


#44
2-Fluorobiphenyl
Concen: 57.64 ng
RT: 12.93 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BG017335.D
Acq: 28 May 2015 20:57

Tgt Ion:172 Resp: 244817

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	22.7	18.4	27.6



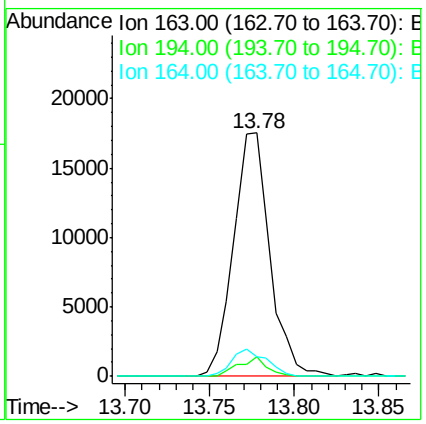


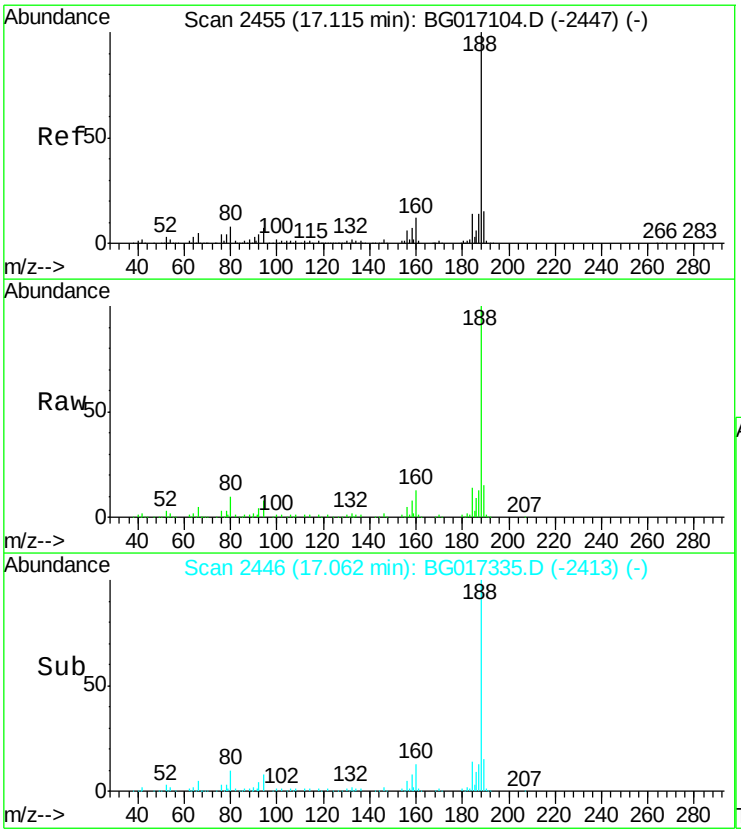
#49
Dimethylphthalate
Concen: 5.41 ng
RT: 13.78 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BG017335.D
Acq: 28 May 2015 20:57

Instrument :
BNA_G
ClientSampleId :
TP-2-D10

Tgt Ion:163 Resp: 26364

Ion	Ratio	Lower	Upper
163	100		
194	8.1	5.6	8.4
164	8.2	8.6	13.0#

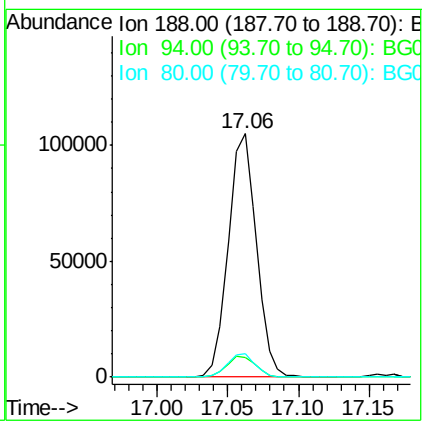


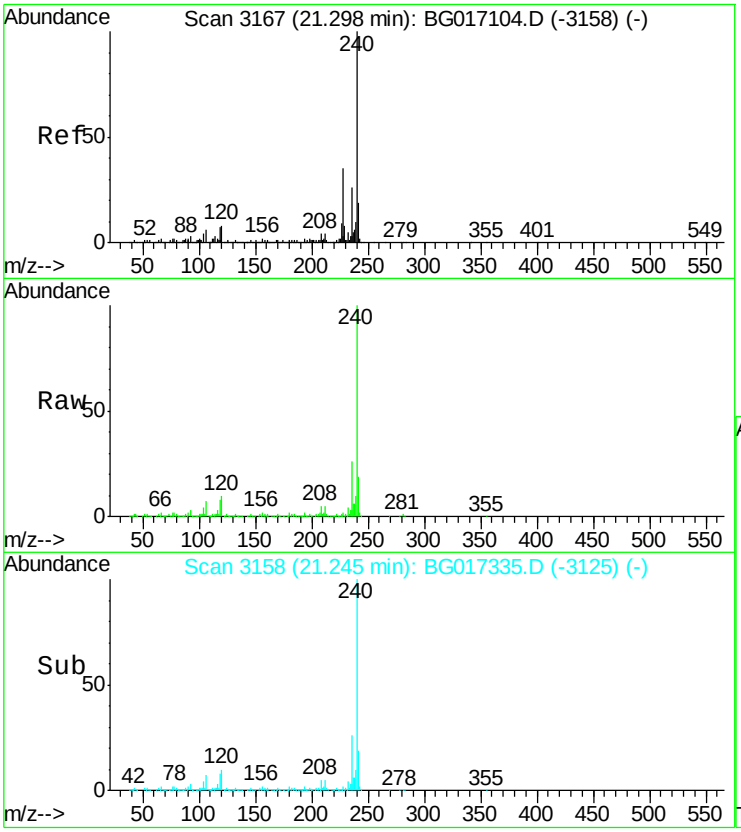


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.06 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG017335.D
Acq: 28 May 2015 20:57

Tgt Ion:188 Resp: 145500

Ion	Ratio	Lower	Upper
188	100		
94	8.2	5.8	8.6
80	9.6	6.5	9.7



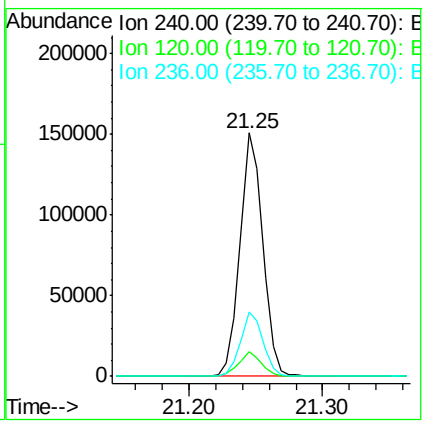


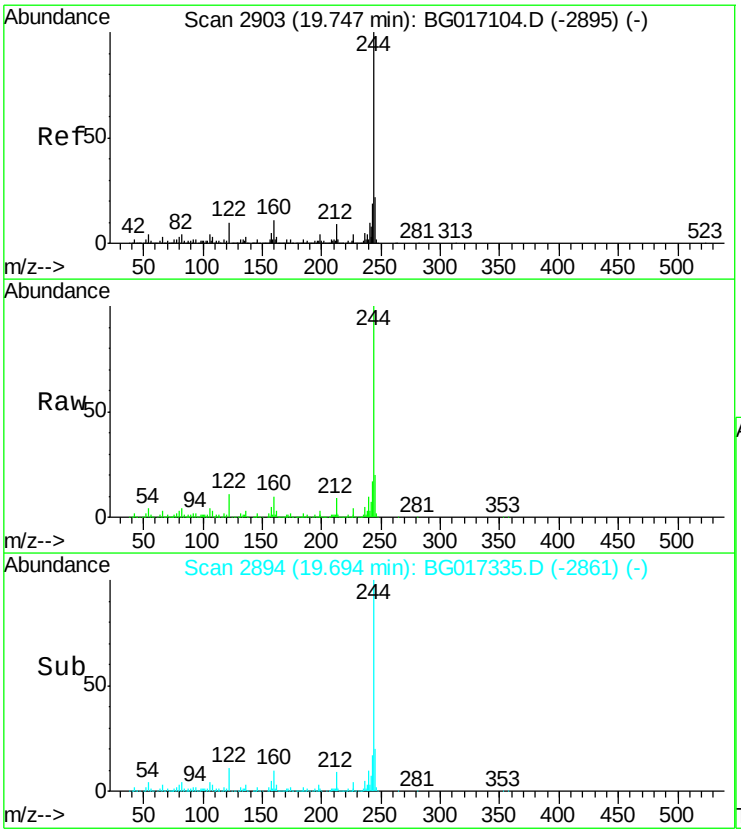
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG017335.D
Acq: 28 May 2015 20:57

Instrument :
BNA_G
ClientSampleId :
TP-2-D10

Tgt Ion:240 Resp: 178381

Ion	Ratio	Lower	Upper
240	100		
120	10.0	6.0	9.0#
236	26.5	20.5	30.7

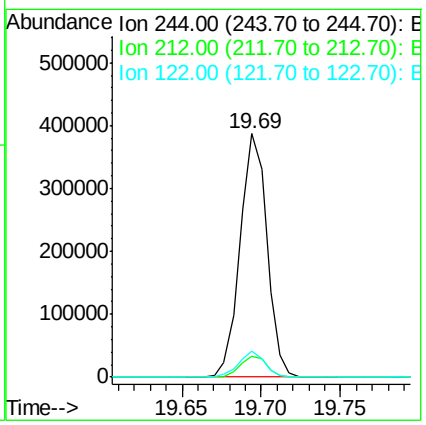


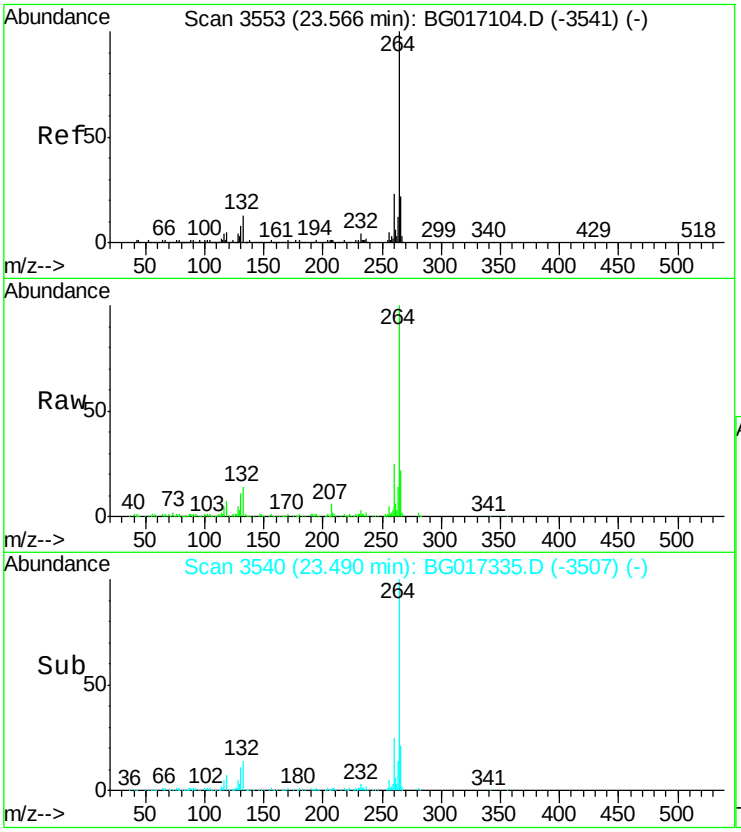


#78
Terphenyl-d14
Concen: 53.10 ng
RT: 19.69 min Scan# 2894
Delta R.T. -0.01 min
Lab File: BG017335.D
Acq: 28 May 2015 20:57

Tgt Ion:244 Resp: 454530

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.4
122	10.6	8.4	12.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.49 min Scan# 3540
Delta R.T. -0.01 min
Lab File: BG017335.D
Acq: 28 May 2015 20:57

Instrument :
BNA_G
ClientSampleId :
TP-2-D10

Tgt Ion:264 Resp: 174468

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.0	27.0
265	21.6	17.4	26.0