Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016965.D
Acq On : 8 May 2015 20:04
Operator : TP/IZ
Sample : G2058-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EB2015-04-28

Quant Time: May 09 01:00:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 23:46:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	53903	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	229448	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	165740	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	390758	20.00	ng	0.00
75) Chrysene-d12	21.35	240	400058	20.00	ng	-0.01
86) Perylene-d12	23.64	264	389194	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	210861	68.11	ng	0.00
7) Phenol-d6	6.96	99	177324	40.09	ng	0.00
23) Nitrobenzene-d5	8.95	82	444540	94.65	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	284553	171.02	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	949825	86.48	ng	0.00
78) Terphenyl-d14	19.80	244	1686165	98.81	ng	0.00
Target Compounds						Qvalue

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

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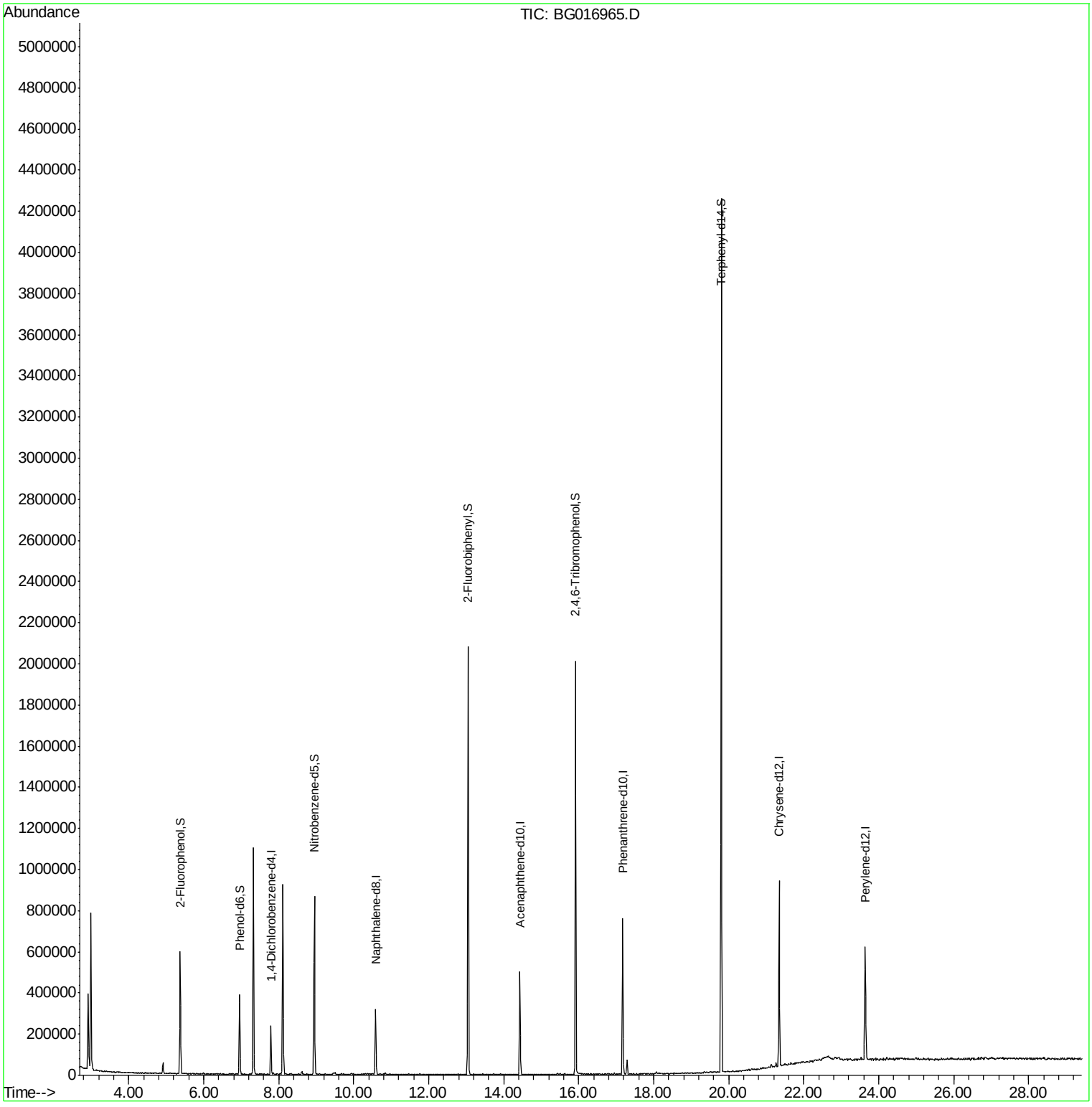
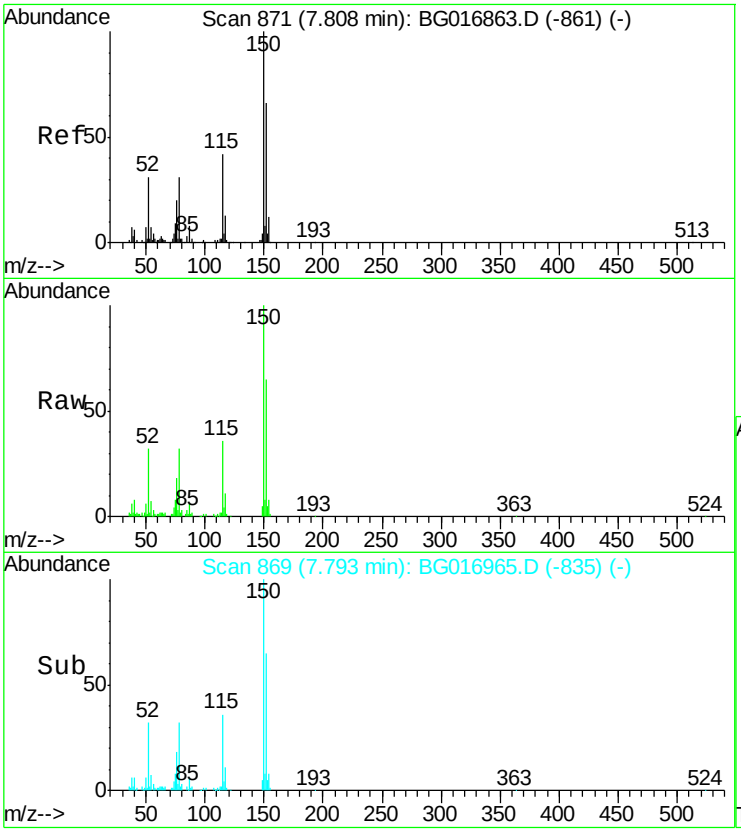


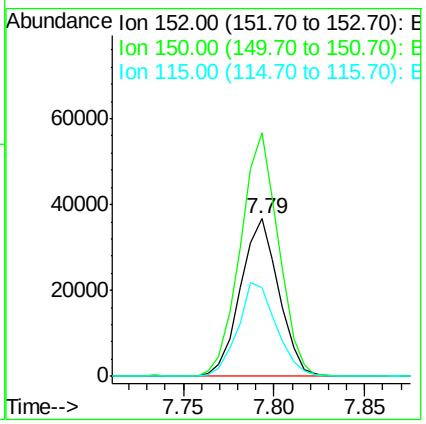


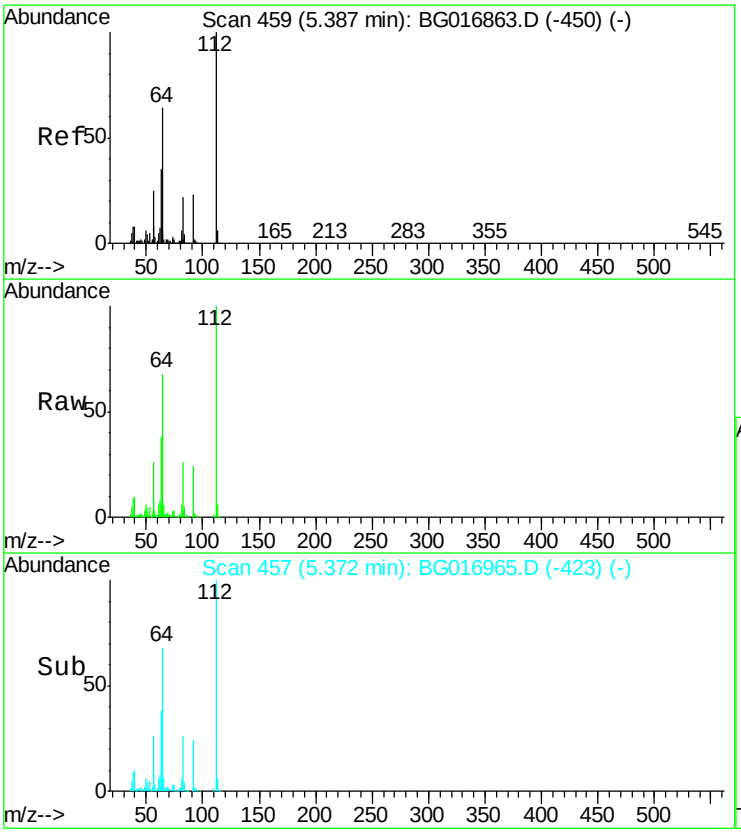
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 869
Delta R.T. -0.00 min
Lab File: BG016965.D
Acq: 8 May 2015 20:04

Instrument :
BNA_G
ClientSampleId :
EB2015-04-28

Tgt Ion:152 Resp: 53903

Ion	Ratio	Lower	Upper
152	100		
150	154.8	121.0	181.4
115	56.0	50.5	75.7

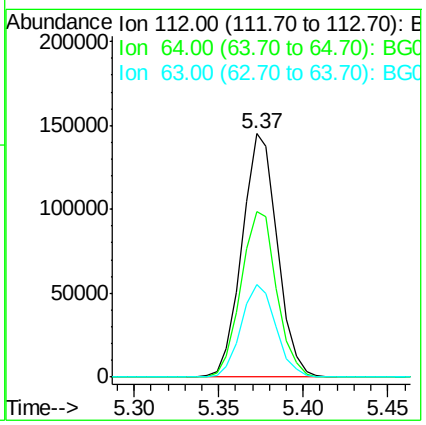


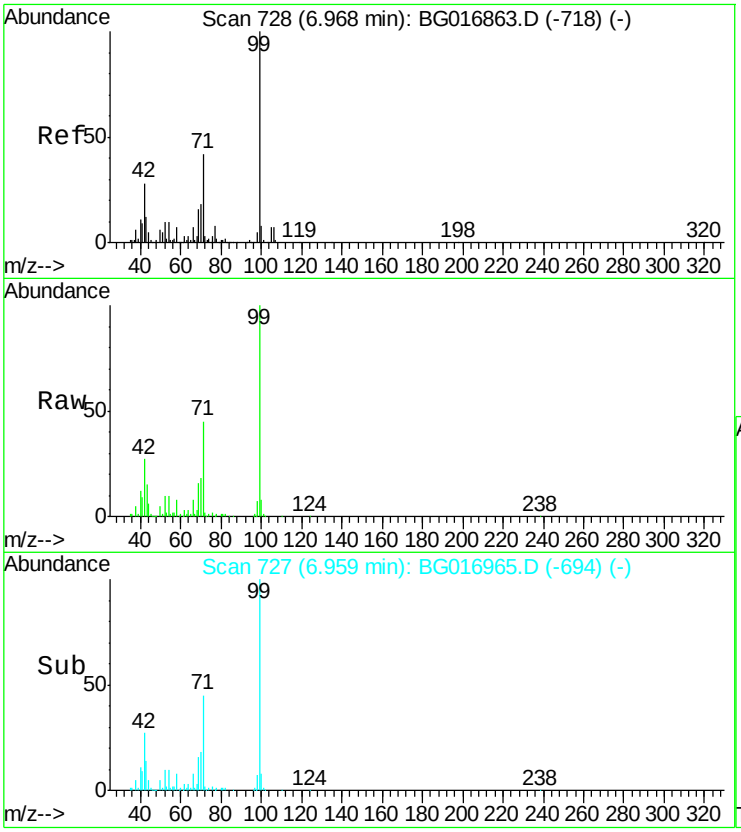


#5
2-Fluorophenol
Concen: 68.11 ng
RT: 5.37 min Scan# 457
Delta R.T. -0.00 min
Lab File: BG016965.D
Acq: 8 May 2015 20:04

Tgt Ion:112 Resp: 210861

Ion	Ratio	Lower	Upper
112	100		
64	67.8	51.4	77.2
63	38.0	28.1	42.1



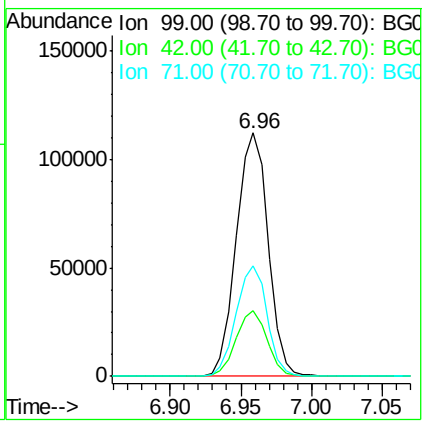


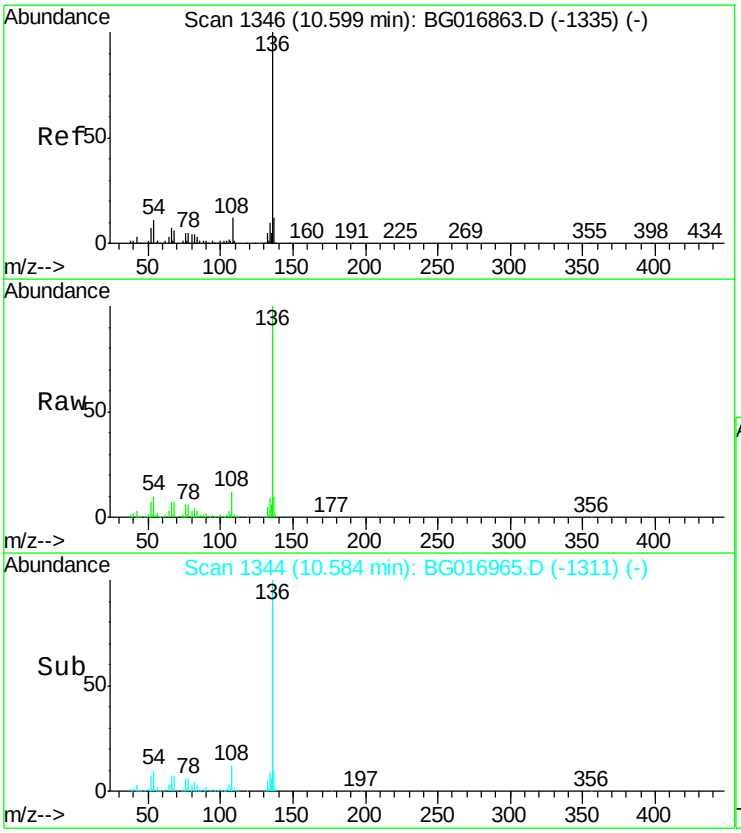
#7
Phenol-d6
Concen: 40.09 ng
RT: 6.96 min Scan# 727
Delta R.T. -0.01 min
Lab File: BG016965.D
Acq: 8 May 2015 20:04

Instrument :
BNA_G
ClientSampleId :
EB2015-04-28

Tgt Ion: 99 Resp: 177324

Ion	Ratio	Lower	Upper
99	100		
42	27.1	22.1	33.1
71	45.3	33.4	50.0

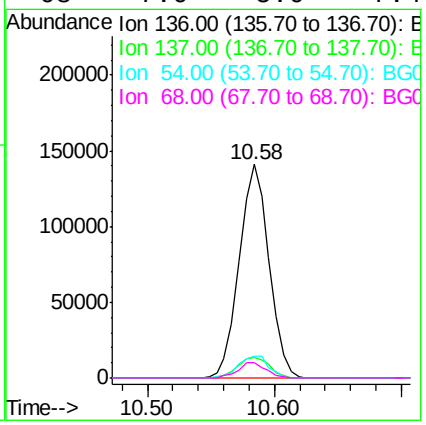


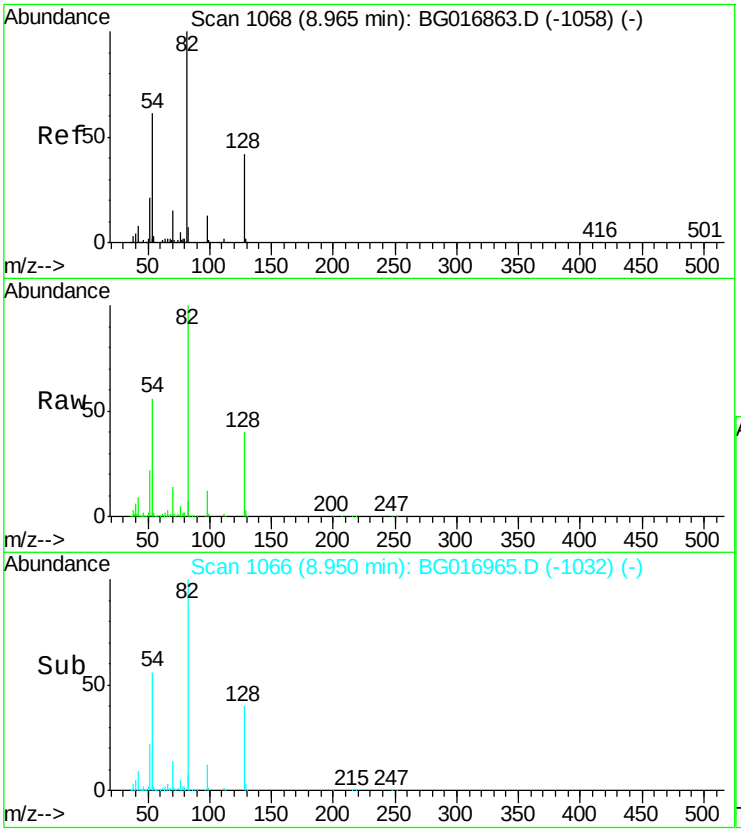


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG016965.D
Acq: 8 May 2015 20:04

Tgt Ion:136 Resp: 229448

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.8	14.8
54	10.2	8.7	13.1
68	7.0	5.0	7.4



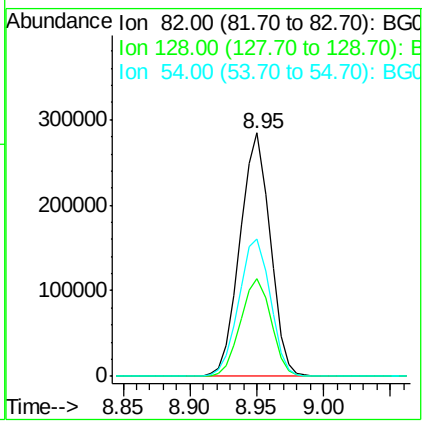


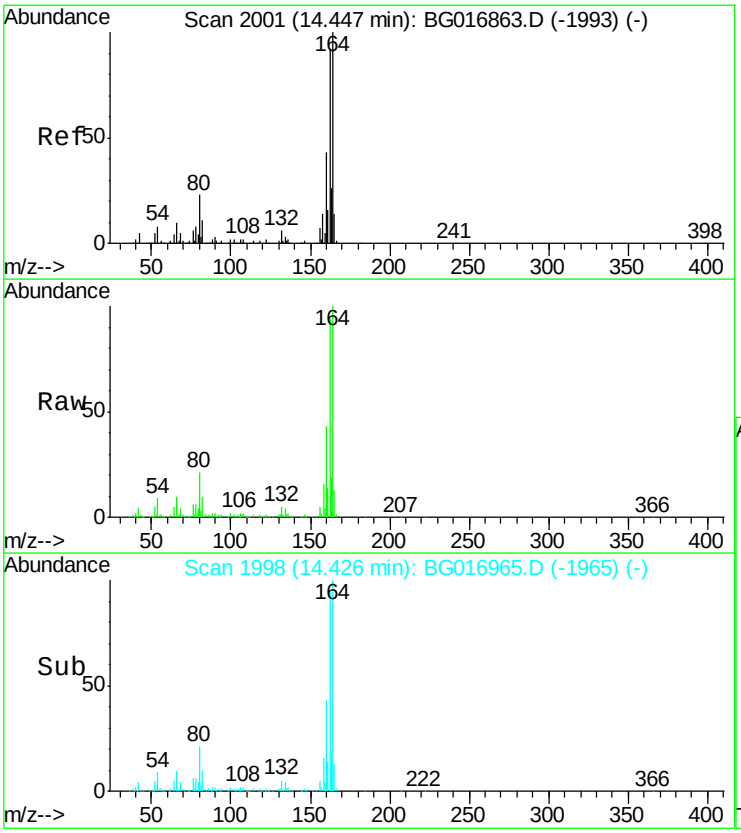
#23
Nitrobenzene-d5
Concen: 94.65 ng
RT: 8.95 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BG016965.D
Acq: 8 May 2015 20:04

Instrument :
BNA_G
ClientSampleId :
EB2015-04-28

Tgt Ion: 82 Resp: 444540

Ion	Ratio	Lower	Upper
82	100		
128	40.2	33.2	49.8
54	56.4	48.6	72.8

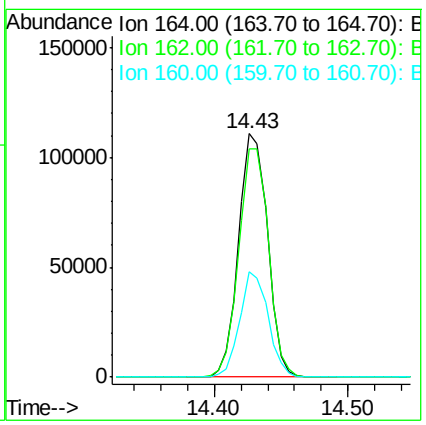


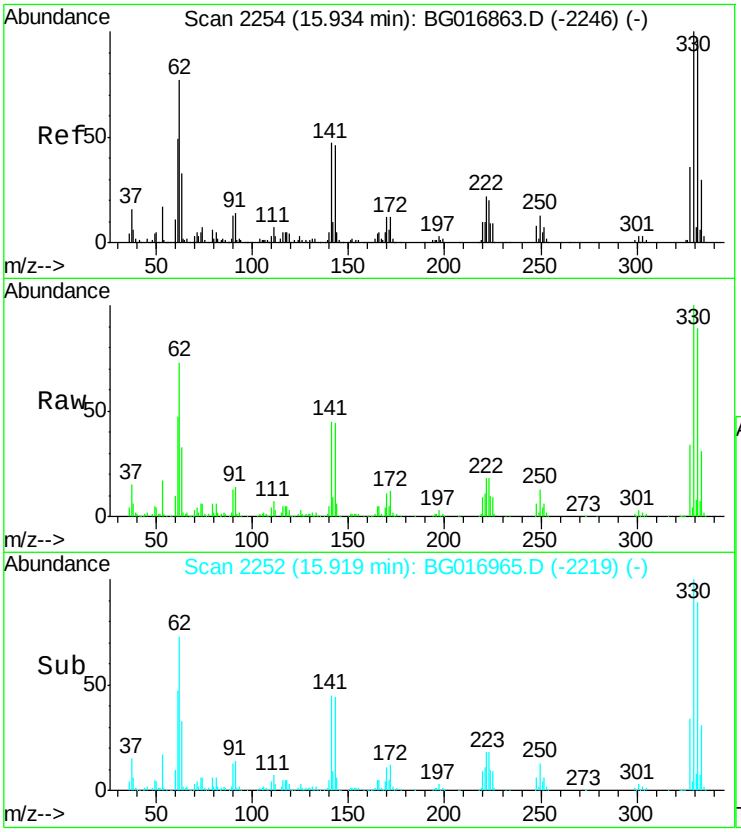


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG016965.D
Acq: 8 May 2015 20:04

Tgt Ion:164 Resp: 165740

Ion	Ratio	Lower	Upper
164	100		
162	93.9	74.0	111.0
160	43.3	34.7	52.1



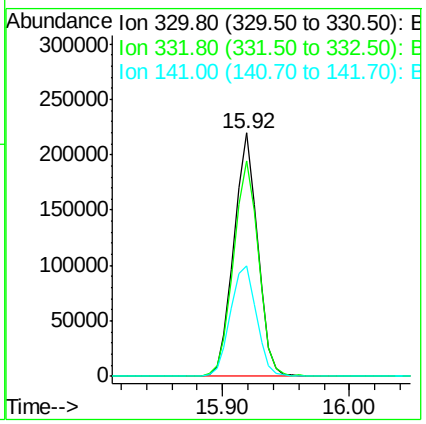


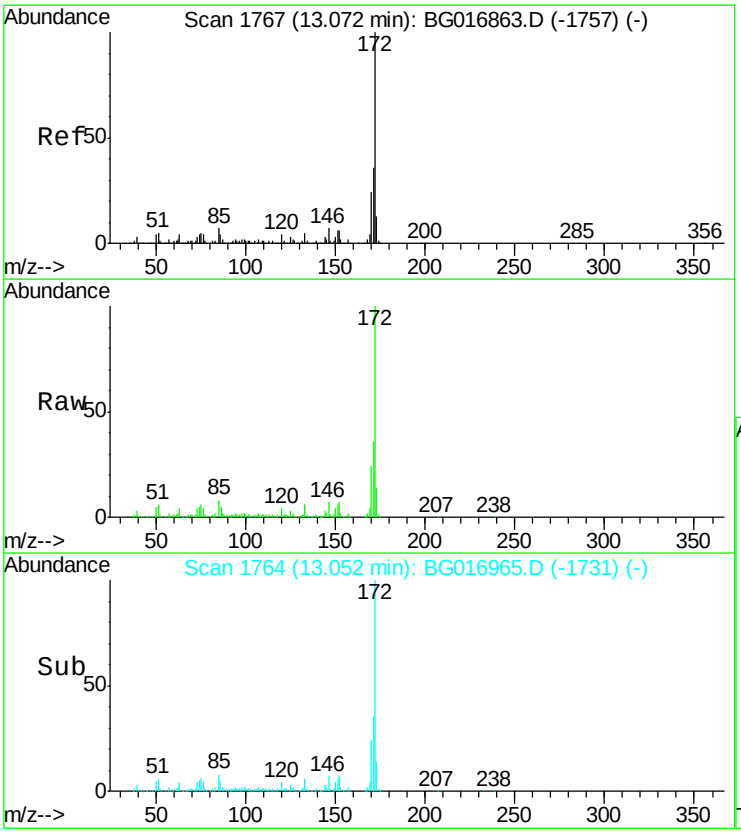
#41
2,4,6-Tribromophenol
Concen: 171.02 ng
RT: 15.92 min Scan# 2252
Delta R.T. -0.01 min
Lab File: BG016965.D
Acq: 8 May 2015 20:04

Instrument :
BNA_G
ClientSampleId :
EB2015-04-28

Tgt Ion:330 Resp: 284553

Ion	Ratio	Lower	Upper
330	100		
332	92.7	0.0	0.0#
141	49.7	0.0	0.0#

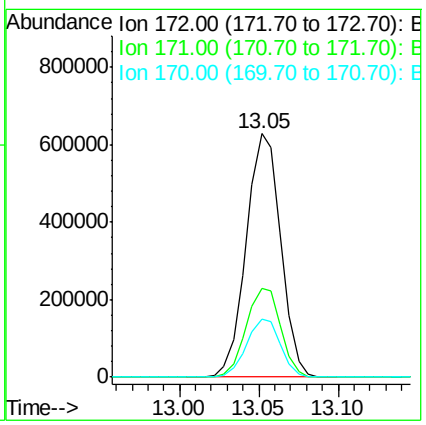


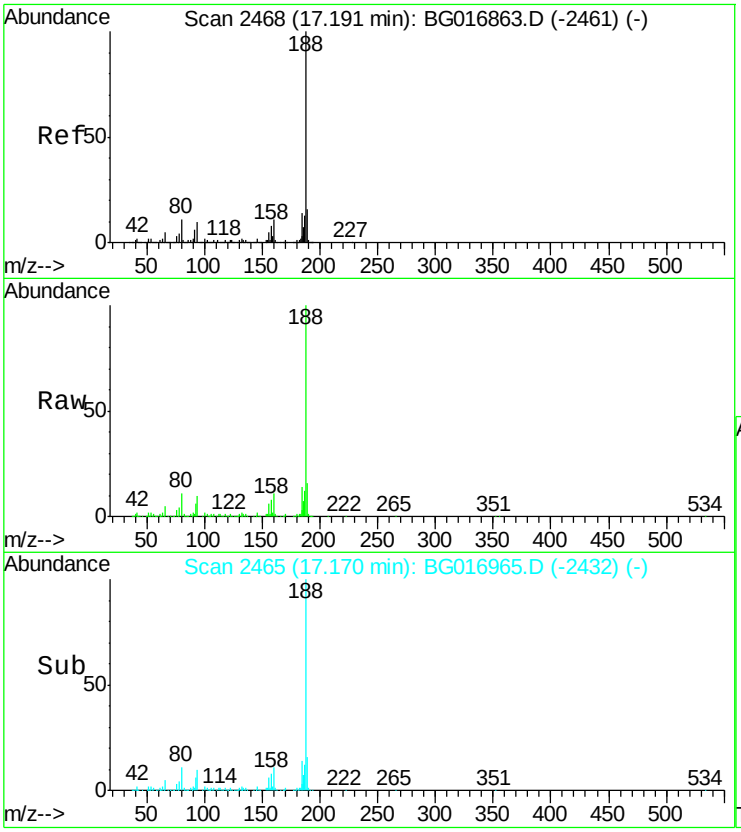


#44
2-Fluorobiphenyl
Concen: 86.48 ng
RT: 13.05 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG016965.D
Acq: 8 May 2015 20:04

Tgt Ion:172 Resp: 949825

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	23.7	19.0	28.4



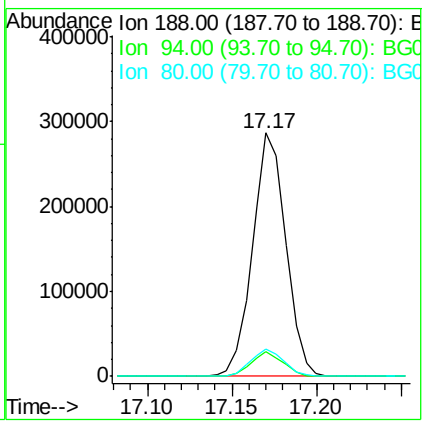


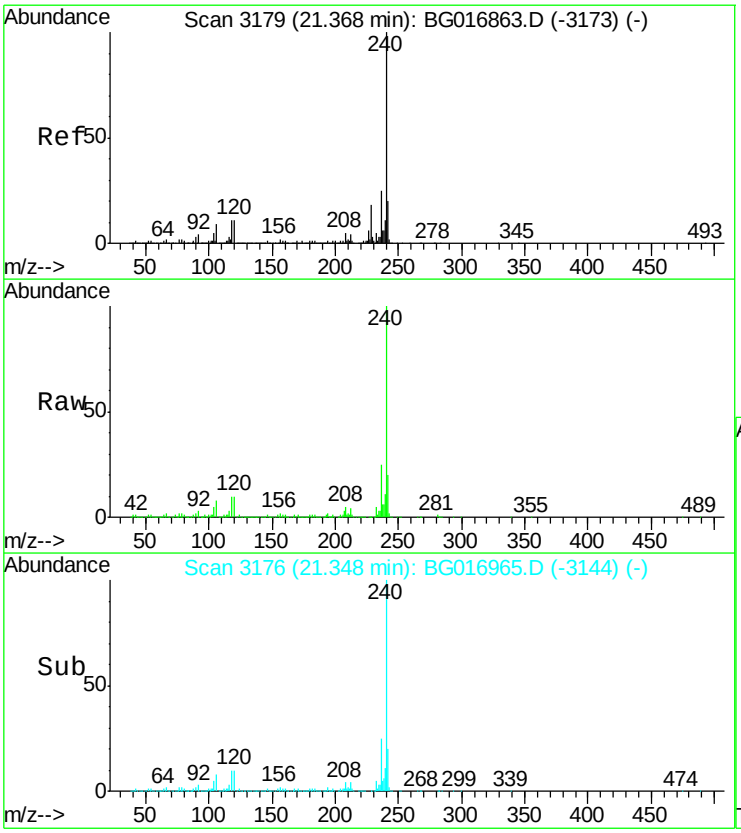
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG016965.D
Acq: 8 May 2015 20:04

Instrument :
BNA_G
ClientSampleId :
EB2015-04-28

Tgt Ion:188 Resp: 390758

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.4
80	11.2	8.8	13.2

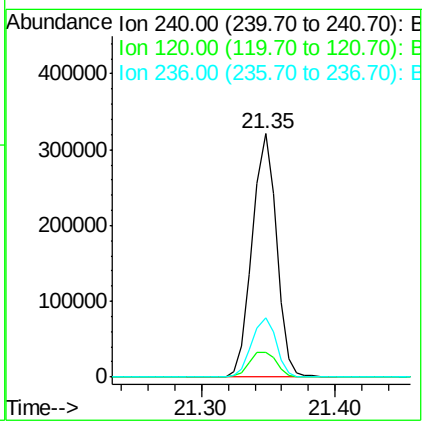


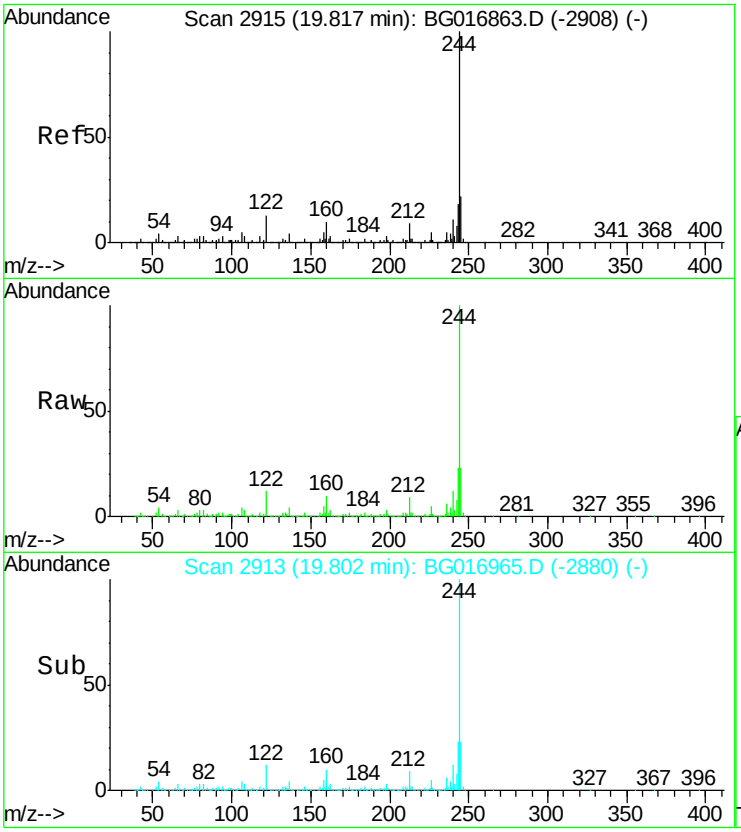


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG016965.D
Acq: 8 May 2015 20:04

Tgt Ion:240 Resp: 400058

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.1	13.7
236	24.5	20.2	30.4



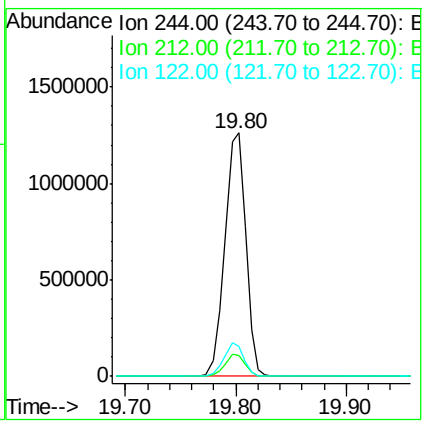


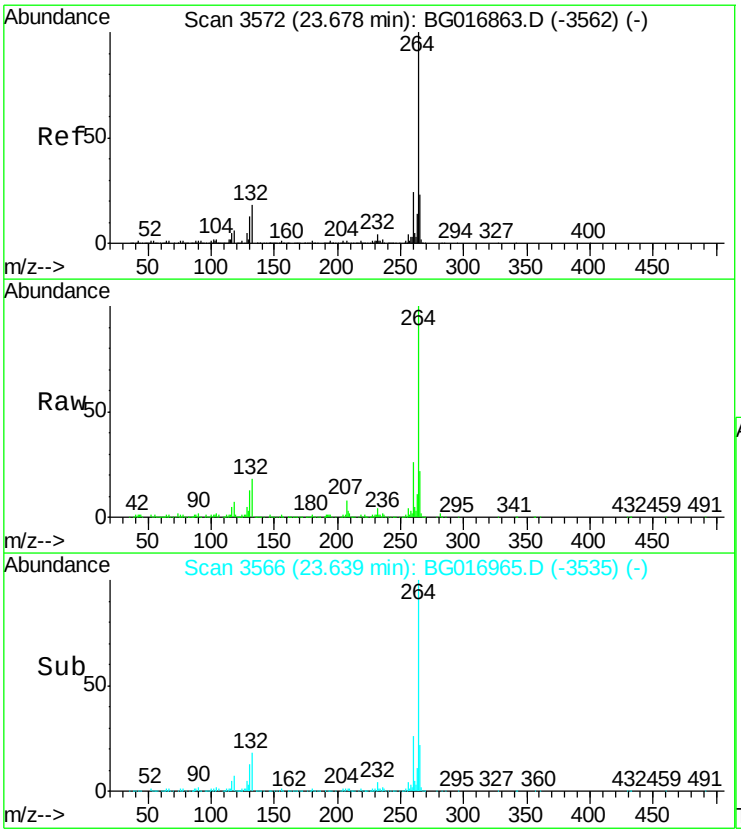
#78
Terphenyl-d14
Concen: 98.81 ng
RT: 19.80 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BG016965.D
Acq: 8 May 2015 20:04

Instrument :
BNA_G
ClientSampleId :
EB2015-04-28

Tgt Ion:244 Resp: 1686165

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	12.2	10.4	15.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3566
Delta R.T. -0.02 min
Lab File: BG016965.D
Acq: 8 May 2015 20:04

Tgt Ion:264 Resp: 389194

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.5	29.3
265	22.1	18.5	27.7