Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016993.D
Acq On : 9 May 2015 17:29
Operator : TP/IZ
Sample : PB83287BL
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB83287BL

Quant Time: May 11 02:37:54 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	50988	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	212892	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	133549	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	352033	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	385824	20.00	ng	-0.02
86) Perylene-d12	23.65	264	373885	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	306039	104.51	ng	-0.01
7) Phenol-d6	6.96	99	411804	98.43	ng	0.00
23) Nitrobenzene-d5	8.95	82	463098	106.27	ng	-0.02
41) 2,4,6-Tribromophenol	15.91	330	160096	119.41	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	929246	105.00	ng	-0.02
78) Terphenyl-d14	19.80	244	1755923	106.69	ng	-0.02
Target Compounds						Qvalue

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

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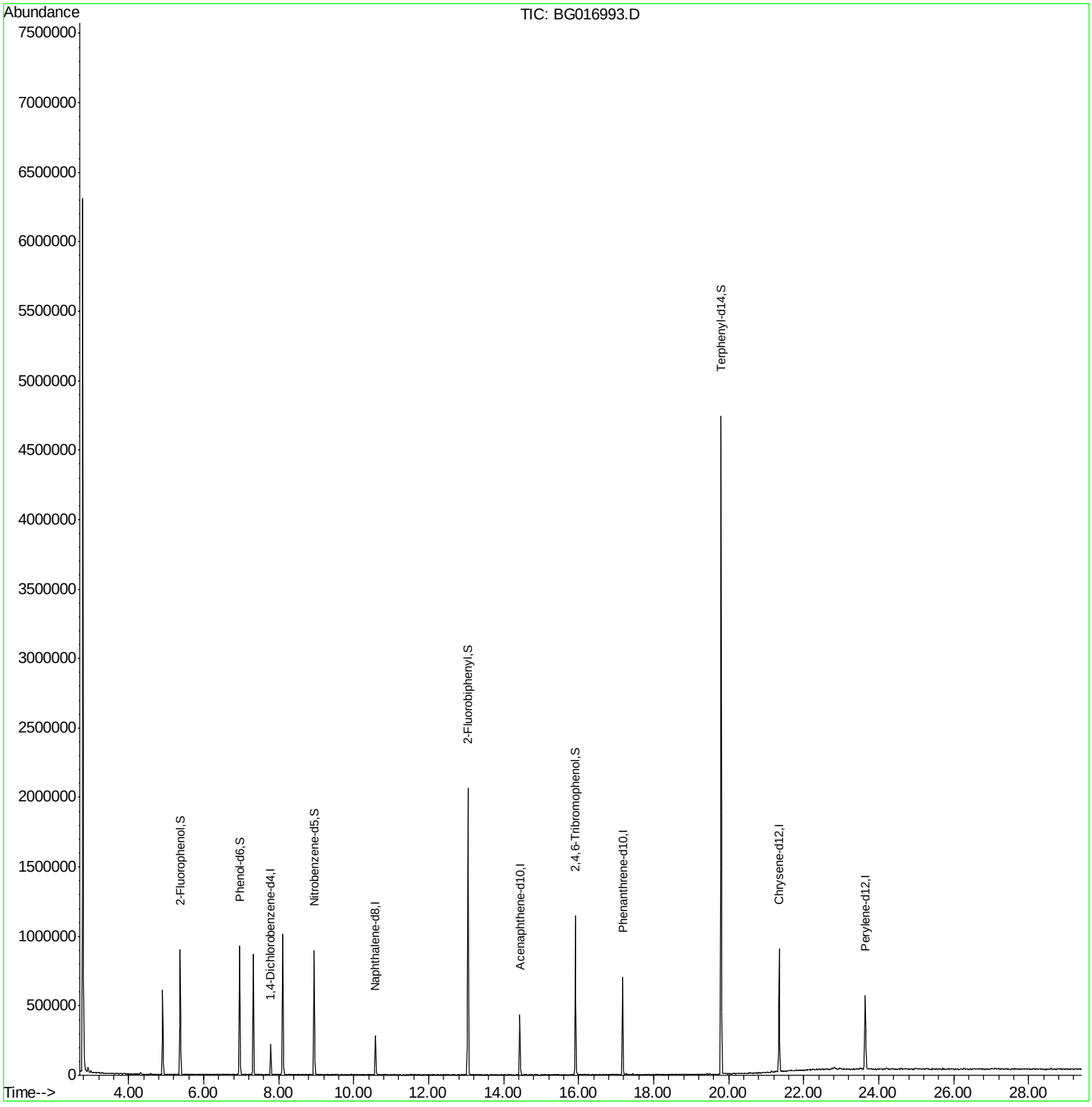
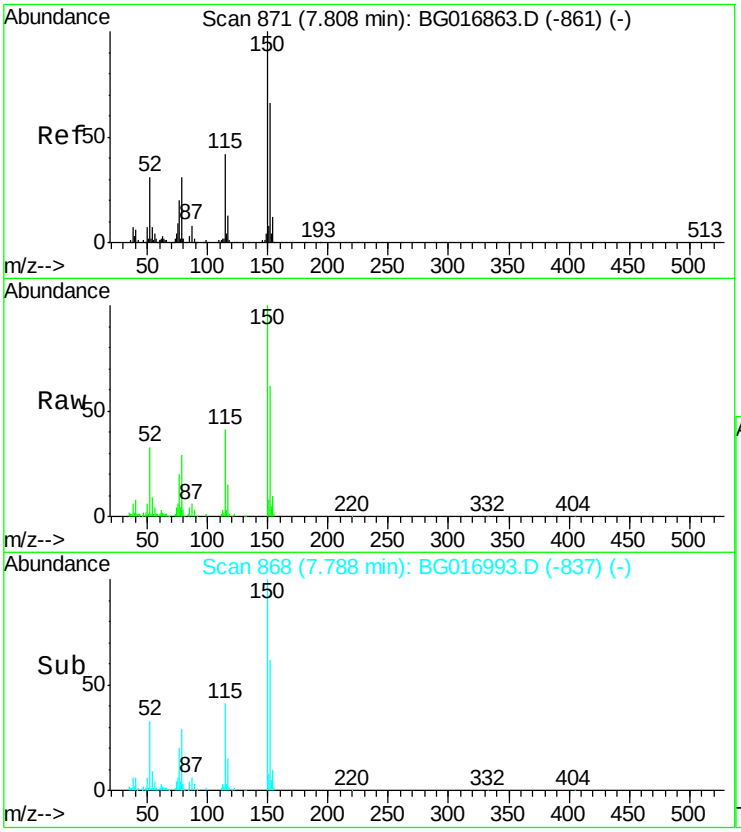


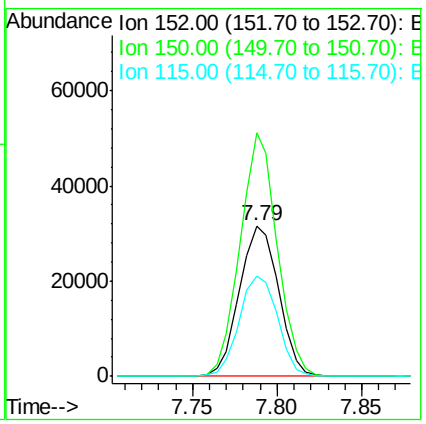


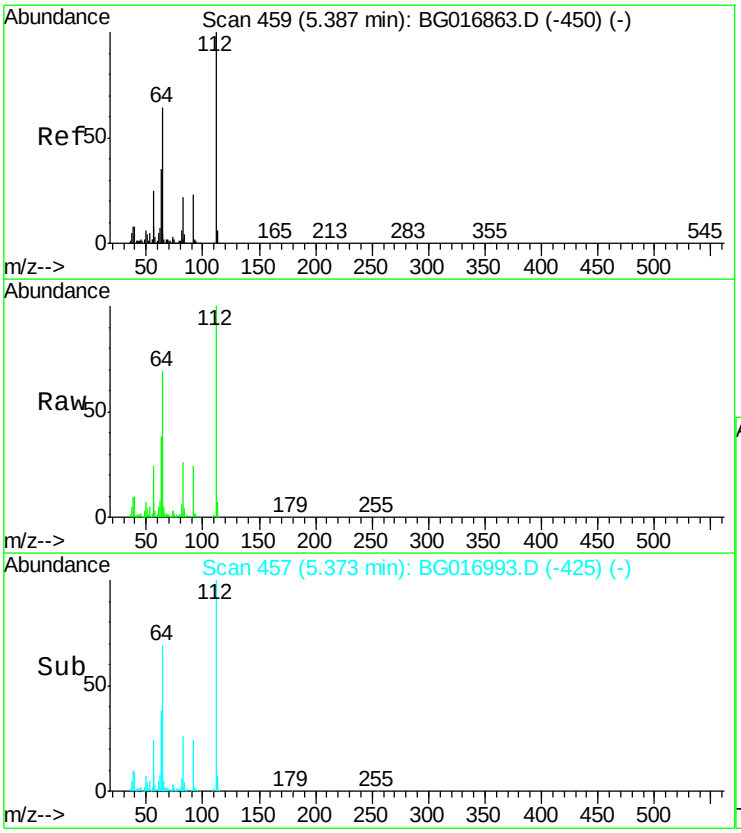
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.02 min
Lab File: BG016993.D
Acq: 9 May 2015 17:29

Instrument :
BNA_G
ClientSampleId :
PB83287BL

Tgt Ion:152 Resp: 50988

Ion	Ratio	Lower	Upper
152	100		
150	161.5	121.0	181.4
115	66.8	50.5	75.7

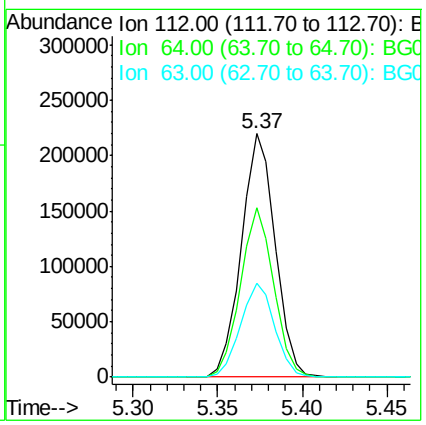


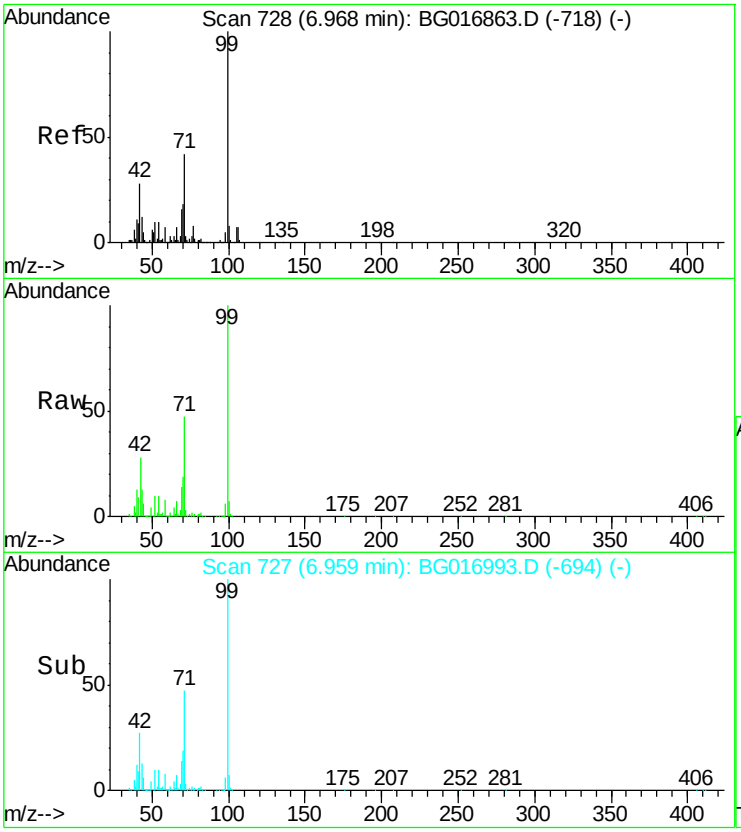


#5
2-Fluorophenol
Concen: 104.51 ng
RT: 5.37 min Scan# 457
Delta R.T. -0.01 min
Lab File: BG016993.D
Acq: 9 May 2015 17:29

Tgt Ion:112 Resp: 306039

Ion	Ratio	Lower	Upper
112	100		
64	69.4	51.4	77.2
63	38.5	28.1	42.1



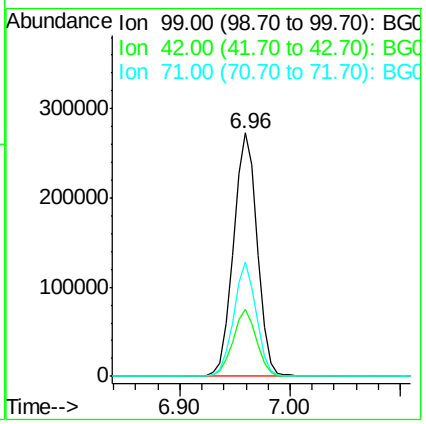


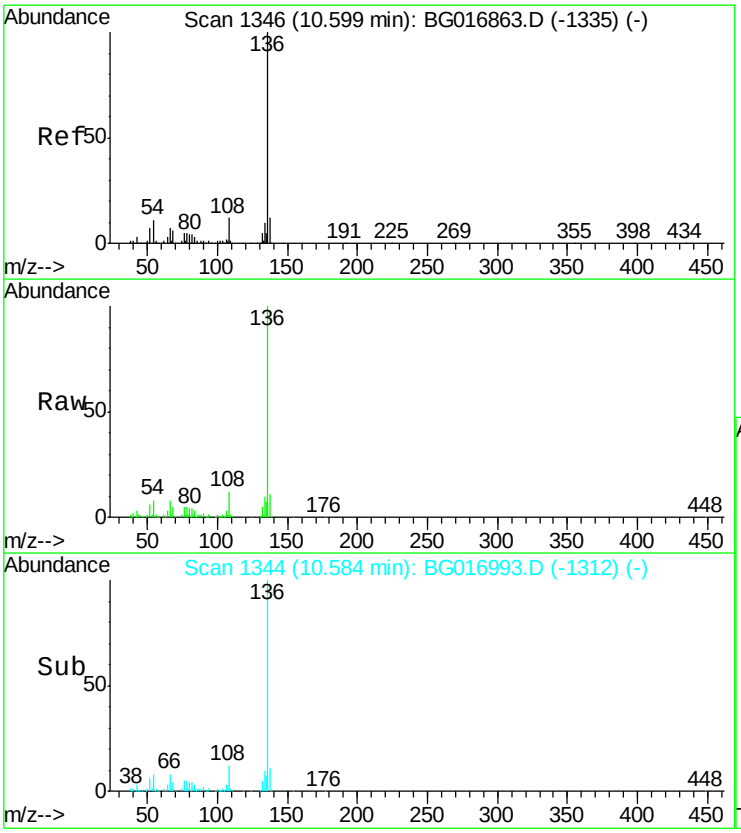
#7
Phenol-d6
Concen: 98.43 ng
RT: 6.96 min Scan# 727
Delta R.T. -0.01 min
Lab File: BG016993.D
Acq: 9 May 2015 17:29

Instrument :
BNA_G
ClientSampleId :
PB83287BL

Tgt Ion: 99 Resp: 411804

Ion	Ratio	Lower	Upper
99	100		
42	27.5	22.1	33.1
71	47.1	33.4	50.0

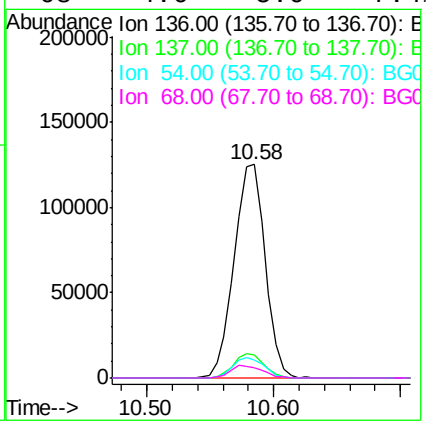


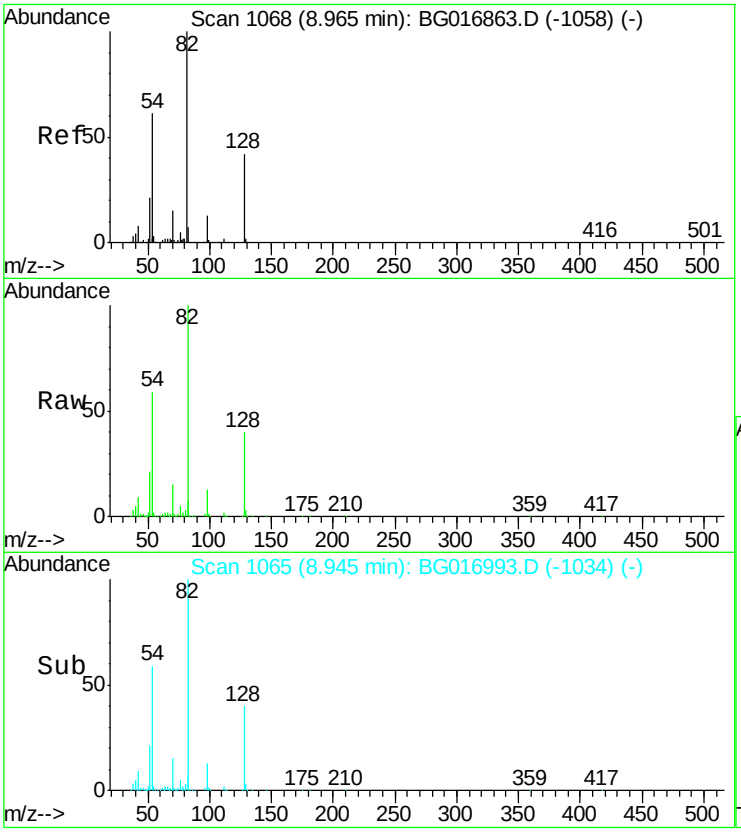


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG016993.D
Acq: 9 May 2015 17:29

Tgt Ion:136 Resp: 212892

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.8
54	8.2	8.7	13.1#
68	4.6	5.0	7.4#



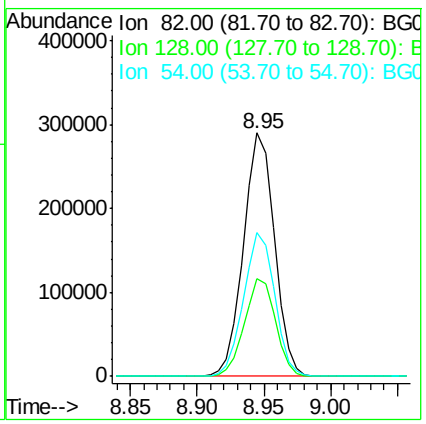


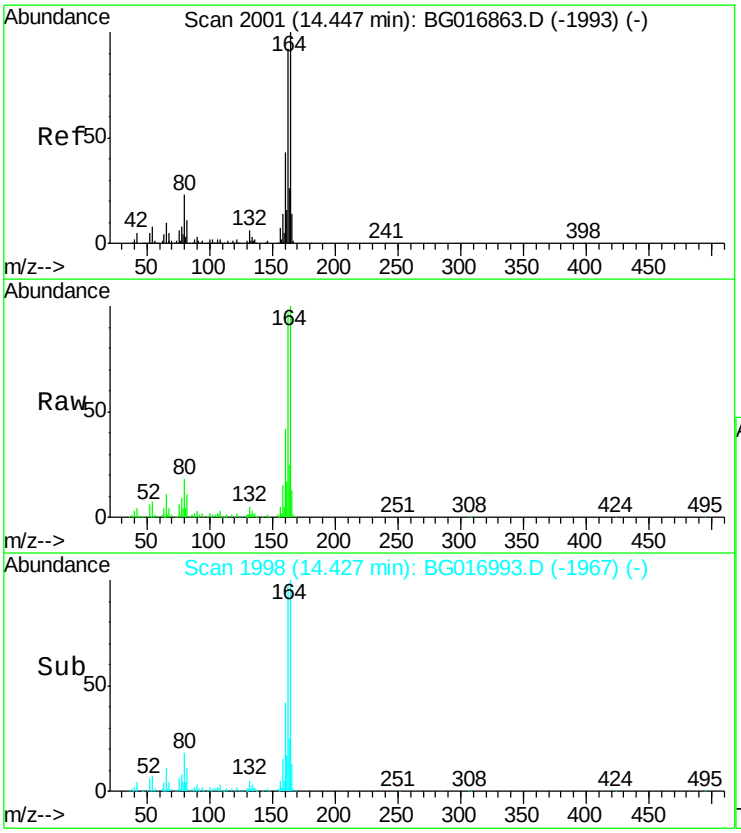
#23
Nitrobenzene-d5
Concen: 106.27 ng
RT: 8.95 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG016993.D
Acq: 9 May 2015 17:29

Instrument :
BNA_G
ClientSampleId :
PB83287BL

Tgt Ion: 82 Resp: 463098

Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.2	49.8
54	58.9	48.6	72.8

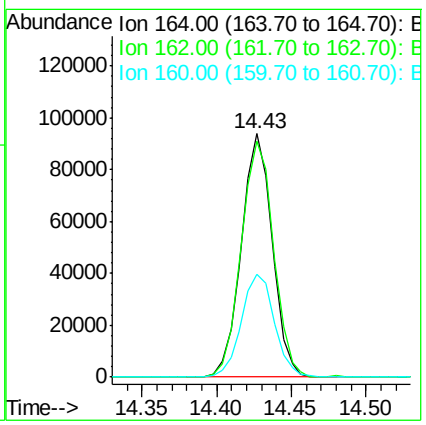


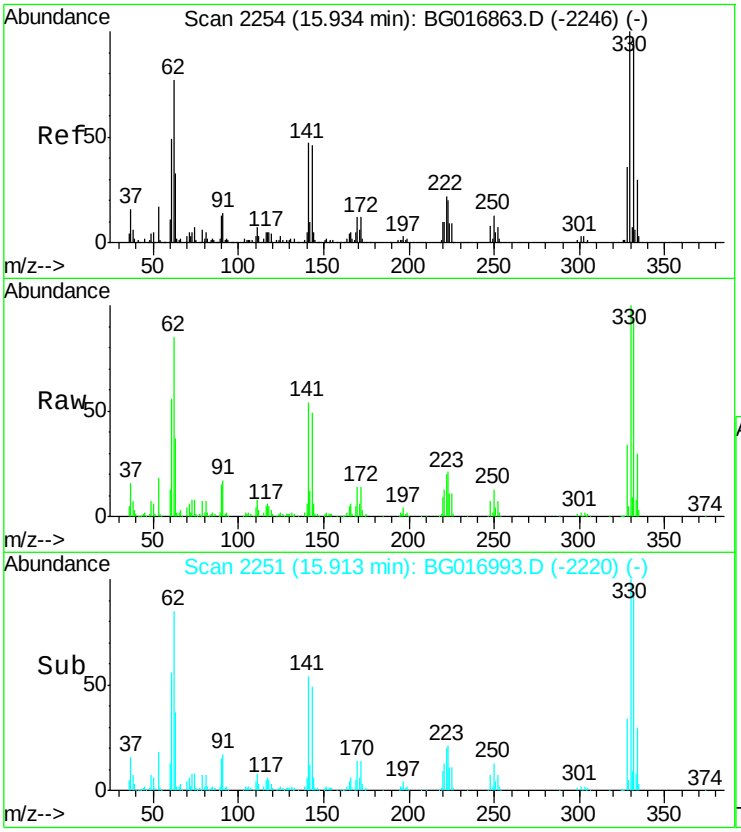


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BG016993.D
Acq: 9 May 2015 17:29

Tgt Ion:164 Resp: 133549

Ion	Ratio	Lower	Upper
164	100		
162	96.7	74.0	111.0
160	42.4	34.7	52.1



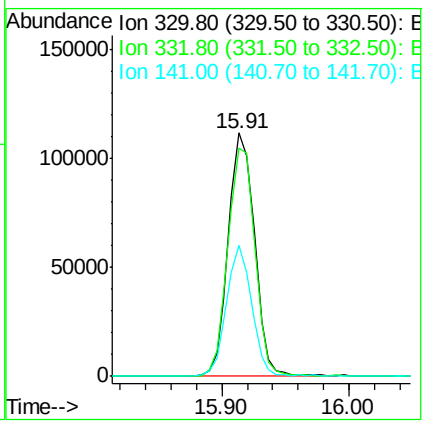


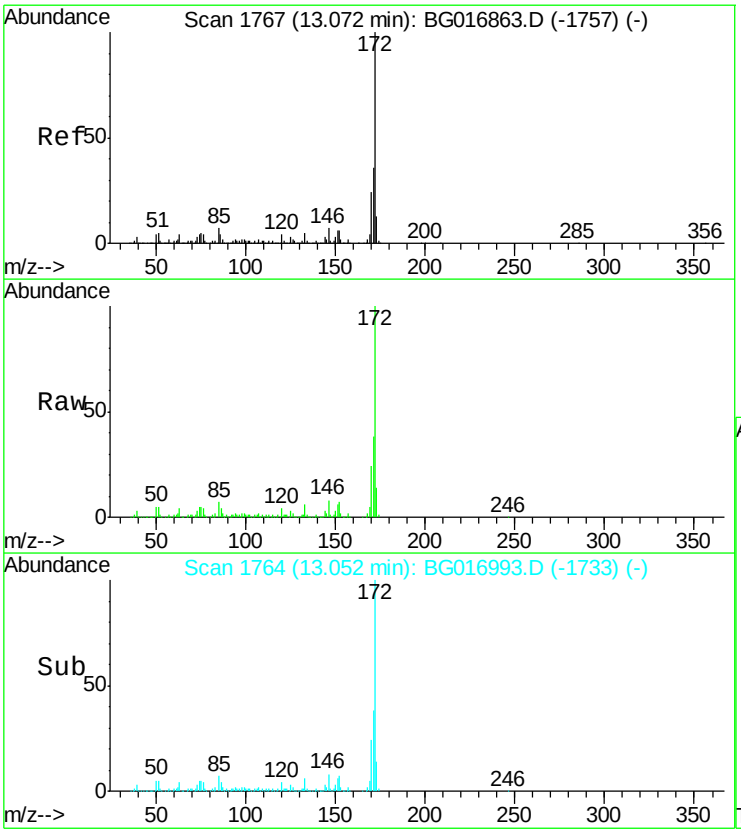
#41
2,4,6-Tribromophenol
Concen: 119.41 ng
RT: 15.91 min Scan# 2251
Delta R.T. -0.02 min
Lab File: BG016993.D
Acq: 9 May 2015 17:29

Instrument :
BNA_G
ClientSampleId :
PB83287BL

Tgt Ion:330 Resp: 160096

Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	51.2	0.0	0.0#

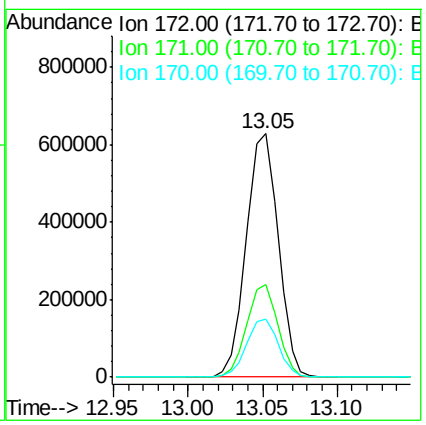


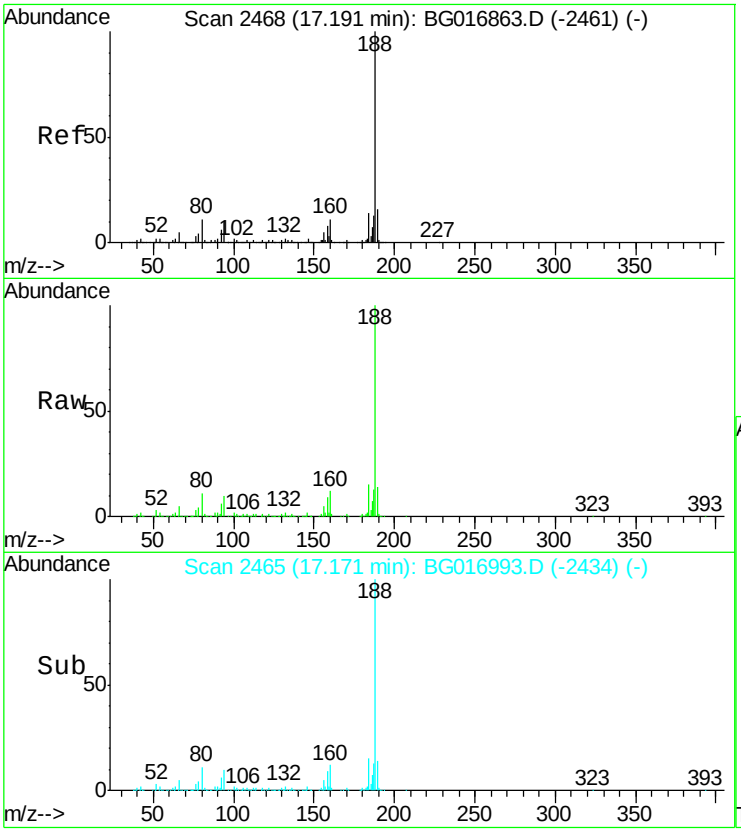


#44
2-Fluorobiphenyl
Concen: 105.00 ng
RT: 13.05 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BG016993.D
Acq: 9 May 2015 17:29

Tgt Ion:172 Resp: 929246

Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.0	43.4
170	23.9	19.0	28.4



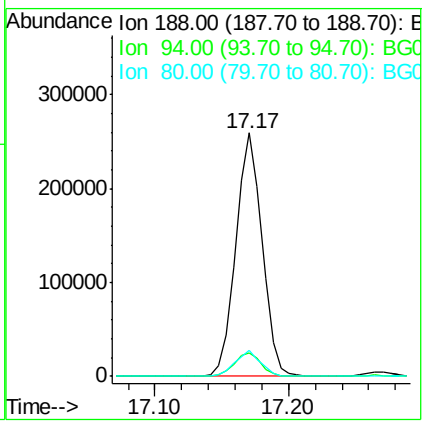


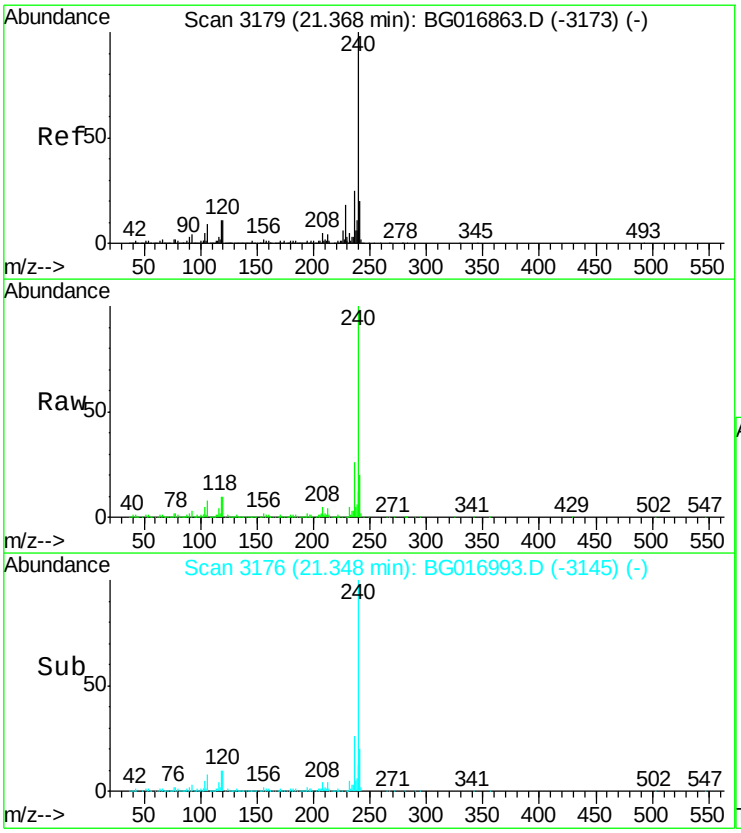
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG016993.D
Acq: 9 May 2015 17:29

Instrument :
BNA_G
ClientSampleId :
PB83287BL

Tgt Ion:188 Resp: 352033

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.4
80	10.9	8.8	13.2

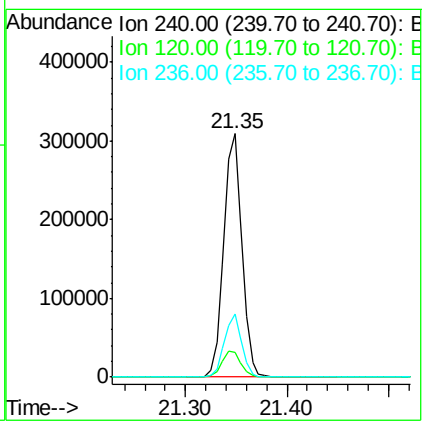


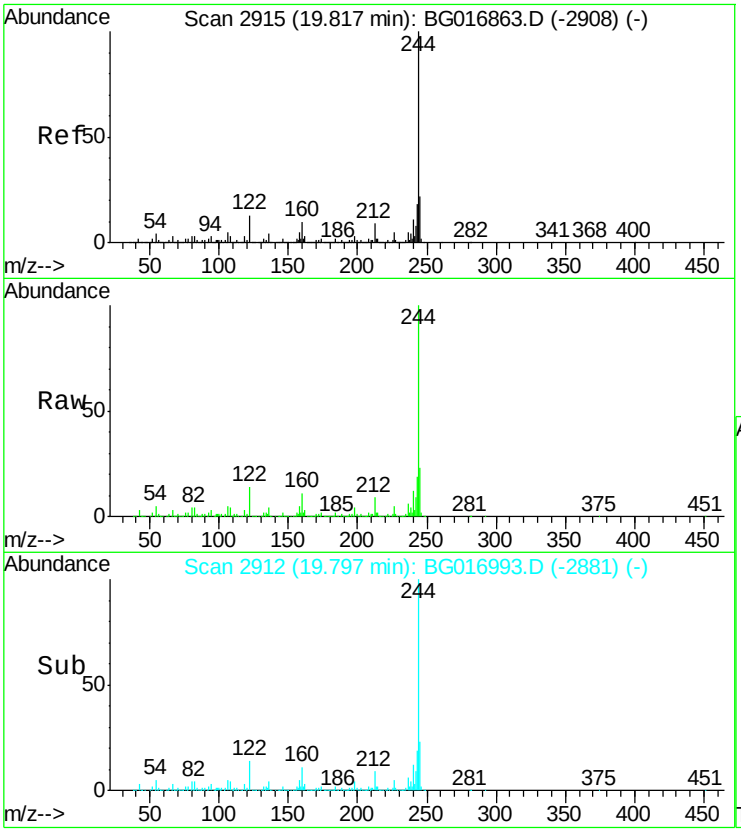


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3176
Delta R.T. -0.02 min
Lab File: BG016993.D
Acq: 9 May 2015 17:29

Tgt Ion:240 Resp: 385824

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.1	13.7
236	25.9	20.2	30.4



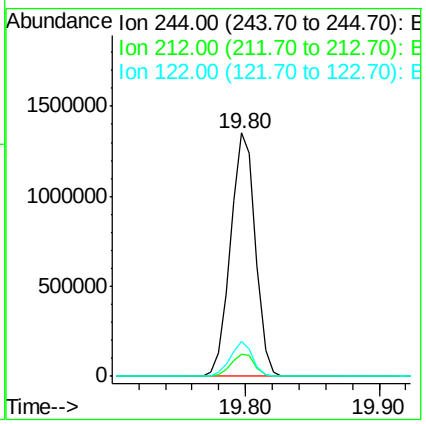


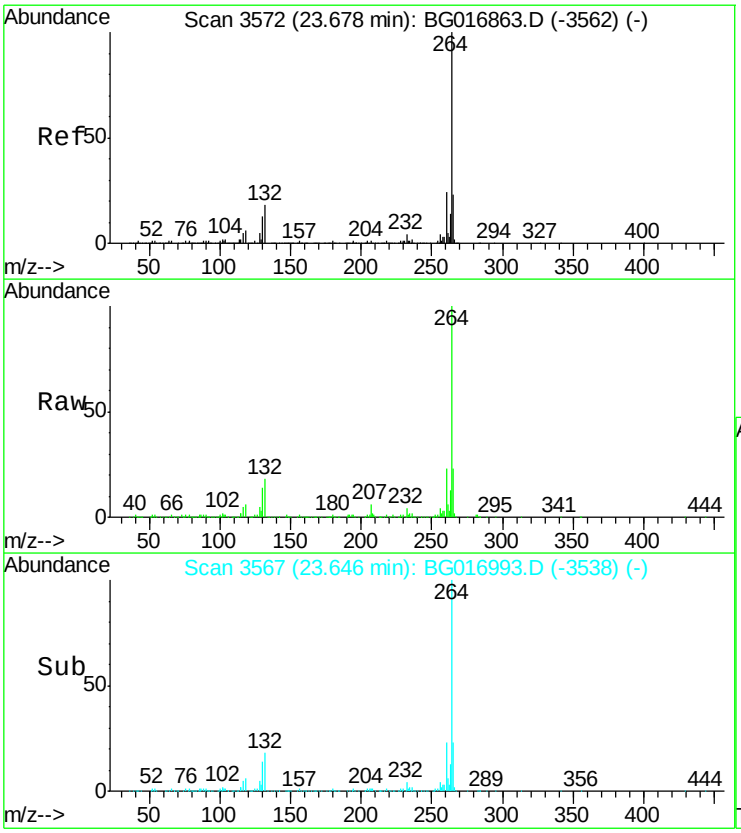
#78
Terphenyl-d14
Concen: 106.69 ng
RT: 19.80 min Scan# 2912
Delta R.T. -0.02 min
Lab File: BG016993.D
Acq: 9 May 2015 17:29

Instrument :
BNA_G
ClientSampleId :
PB83287BL

Tgt Ion:244 Resp: 1755923

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.0	10.6
122	14.4	10.4	15.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.65 min Scan# 3567
Delta R.T. -0.03 min
Lab File: BG016993.D
Acq: 9 May 2015 17:29

Tgt Ion:264 Resp: 373885

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	23.1	18.5	27.7