Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016952.D
Acq On : 8 May 2015 12:30
Operator : TP/IZ
Sample : G2057-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWJ-2

Quant Time: May 09 00:11:11 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	54176	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	235303	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	164540	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	391475	20.00	ng	0.00
75) Chrysene-d12	21.35	240	396829	20.00	ng	-0.01
86) Perylene-d12	23.65	264	376823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	237306	76.27	ng	0.00
7) Phenol-d6	6.95	99	205638	46.26	ng	-0.01
23) Nitrobenzene-d5	8.95	82	486363	100.98	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	303187	183.55	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	1044518	95.79	ng	0.00
78) Terphenyl-d14	19.80	244	1732738	102.36	ng	0.00
Target Compounds						Qvalue

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

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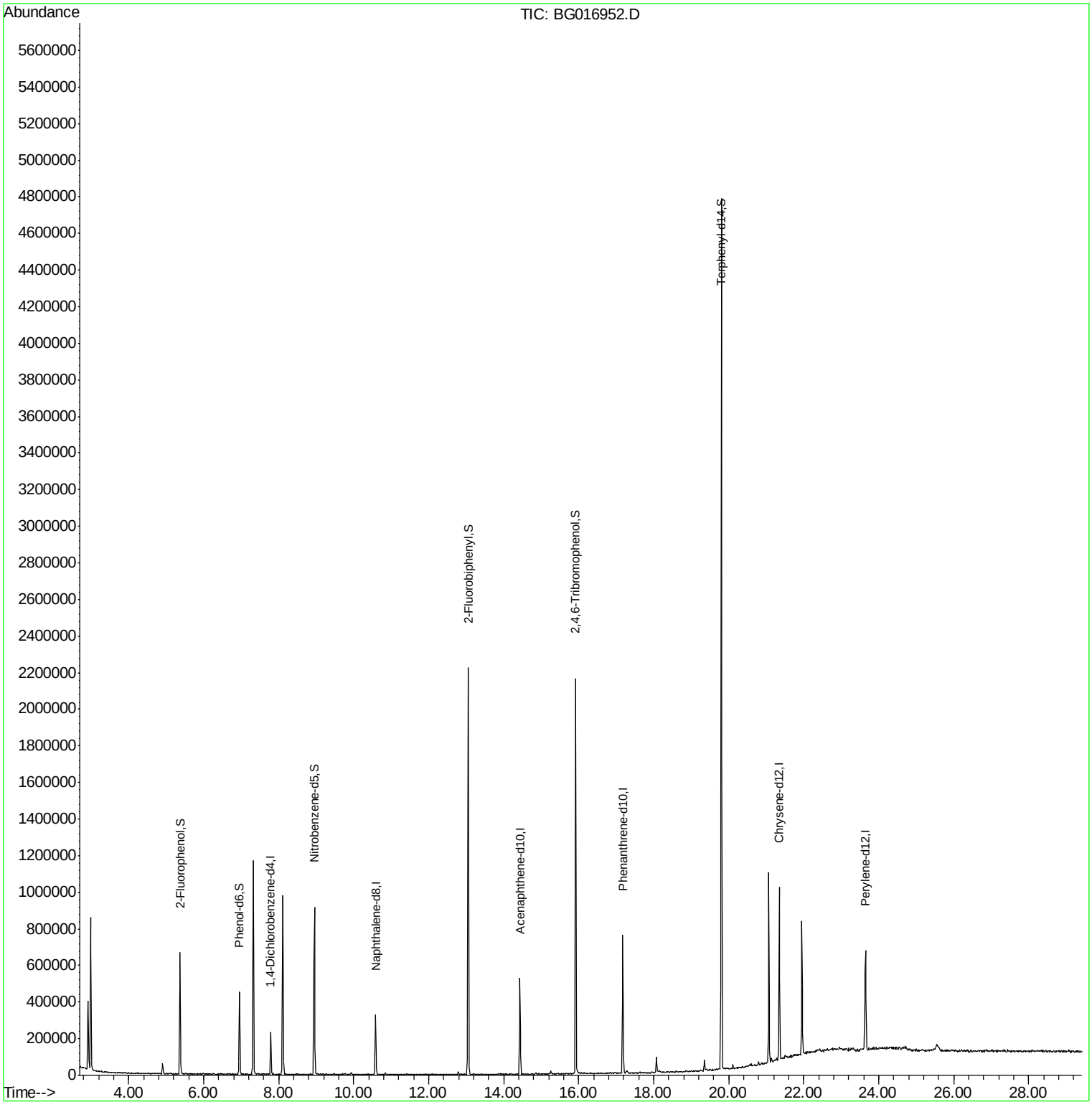
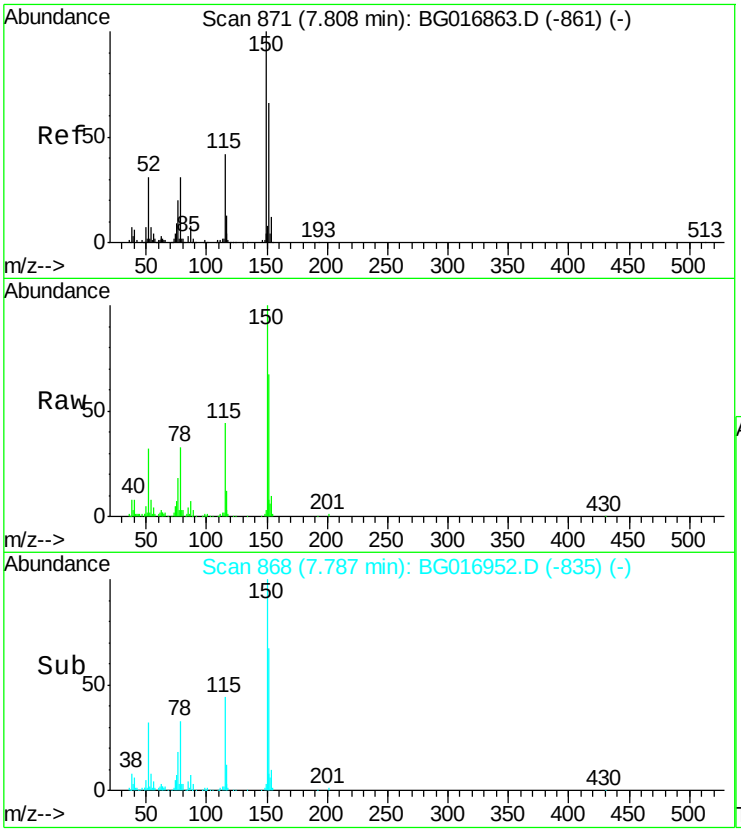


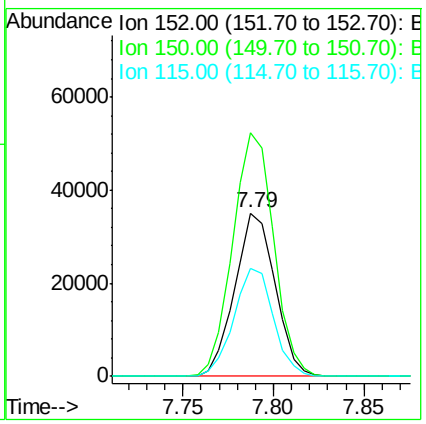


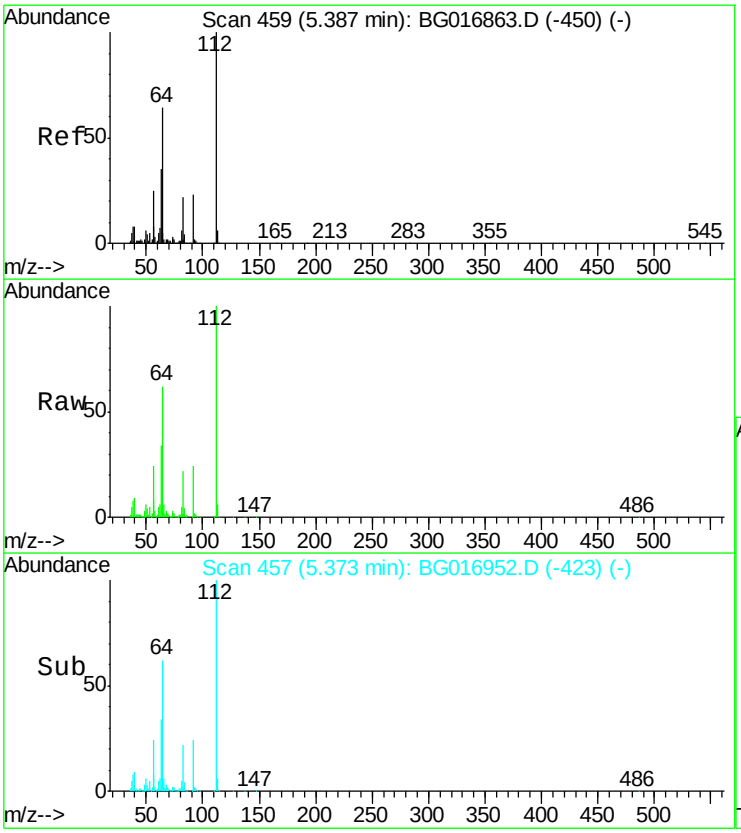
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.01 min
Lab File: BG016952.D
Acq: 8 May 2015 12:30

Instrument :
BNA_G
ClientSampleId :
MWJ-2

Tgt Ion:152 Resp: 54176

Ion	Ratio	Lower	Upper
152	100		
150	149.1	121.0	181.4
115	65.7	50.5	75.7

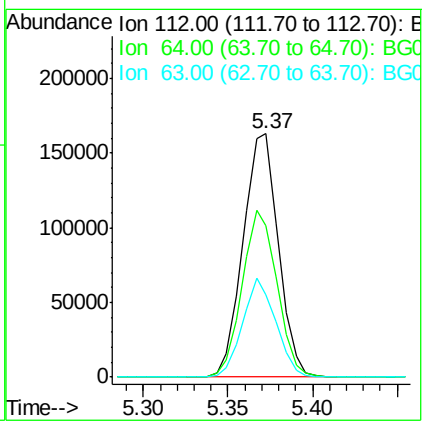


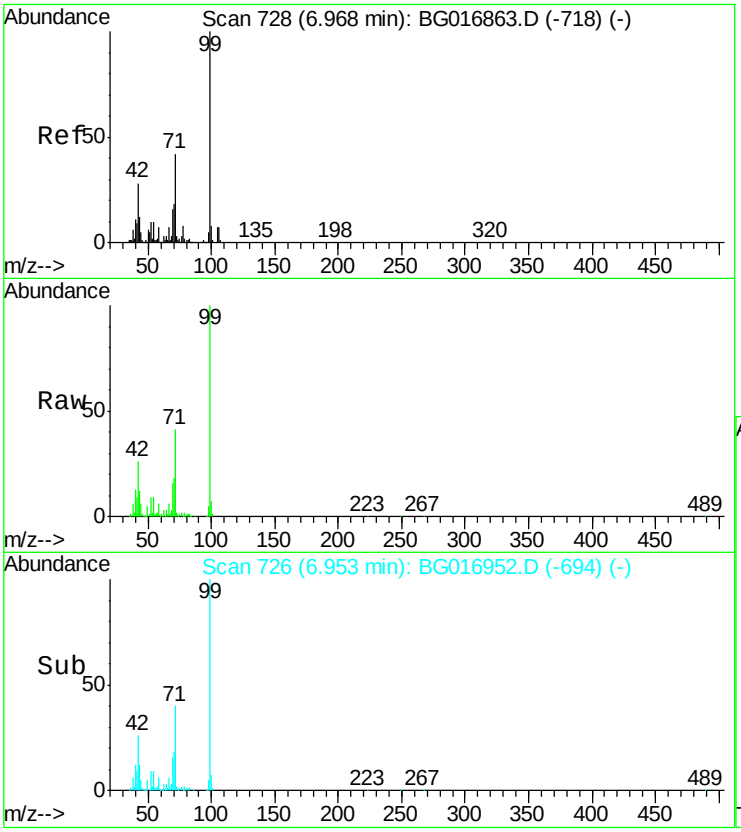


#5
2-Fluorophenol
Concen: 76.27 ng
RT: 5.37 min Scan# 457
Delta R.T. -0.00 min
Lab File: BG016952.D
Acq: 8 May 2015 12:30

Tgt Ion:112 Resp: 237306

Ion	Ratio	Lower	Upper
112	100		
64	62.1	51.4	77.2
63	34.0	28.1	42.1



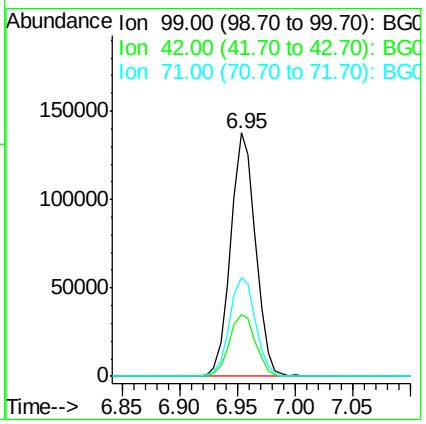


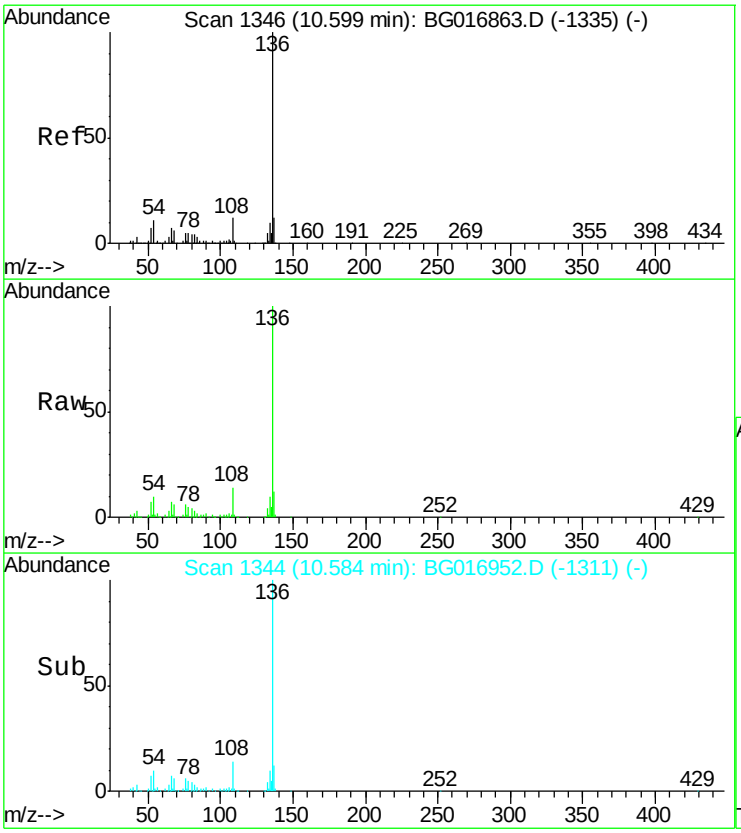
#7
Phenol-d6
Concen: 46.26 ng
RT: 6.95 min Scan# 726
Delta R.T. -0.01 min
Lab File: BG016952.D
Acq: 8 May 2015 12:30

Instrument :
BNA_G
ClientSampleId :
MWJ-2

Tgt Ion: 99 Resp: 205638

Ion	Ratio	Lower	Upper
99	100		
42	25.7	22.1	33.1
71	40.5	33.4	50.0

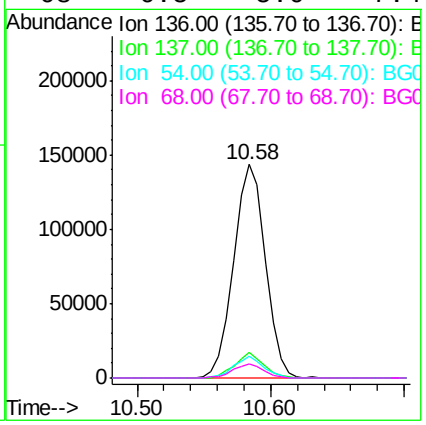


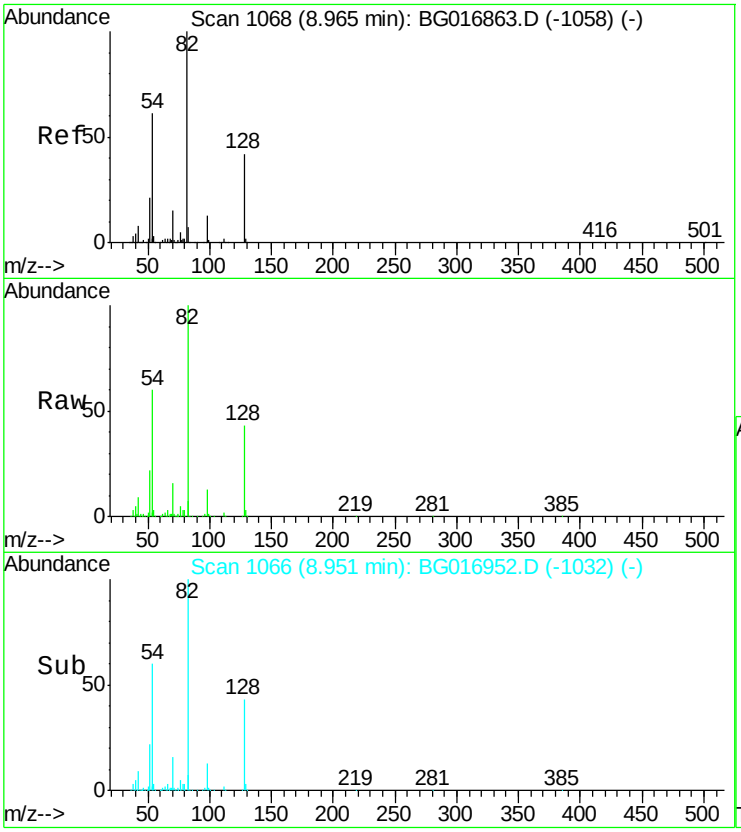


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG016952.D
Acq: 8 May 2015 12:30

Tgt Ion:136 Resp: 235303

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.8	14.8
54	10.3	8.7	13.1
68	6.5	5.0	7.4



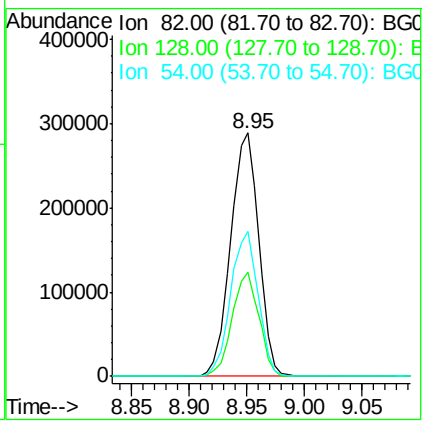


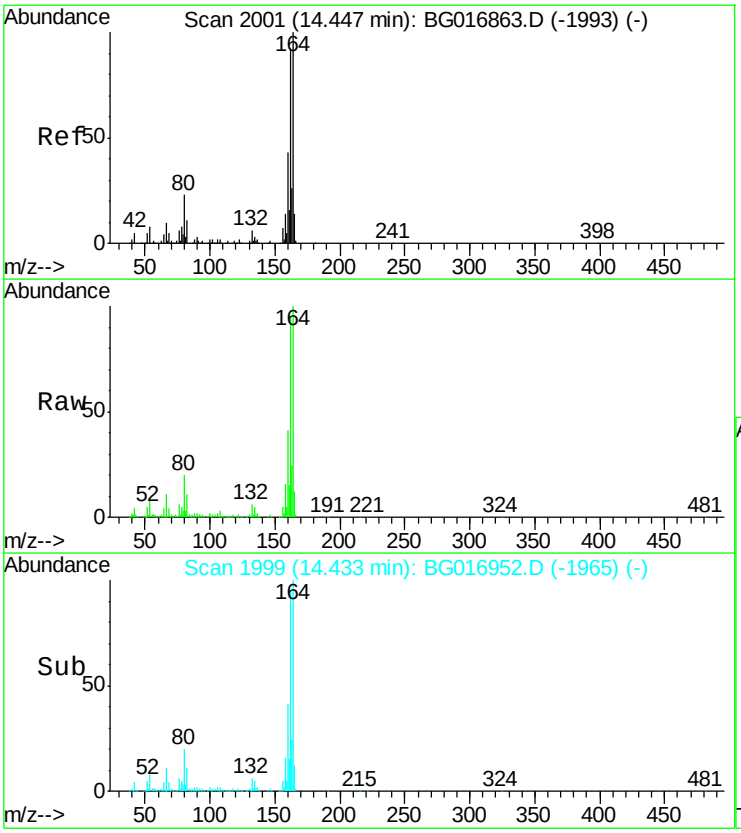
#23
Nitrobenzene-d5
Concen: 100.98 ng
RT: 8.95 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BG016952.D
Acq: 8 May 2015 12:30

Instrument :
BNA_G
ClientSampleId :
MWJ-2

Tgt Ion: 82 Resp: 486363

Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.2	49.8
54	59.8	48.6	72.8

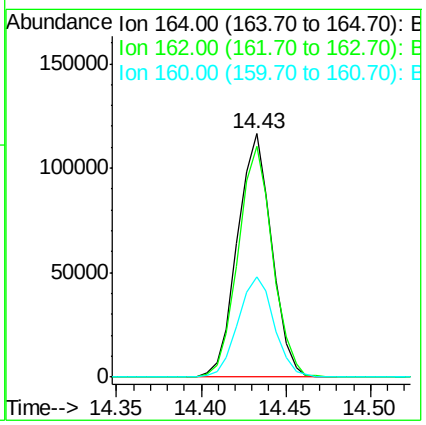


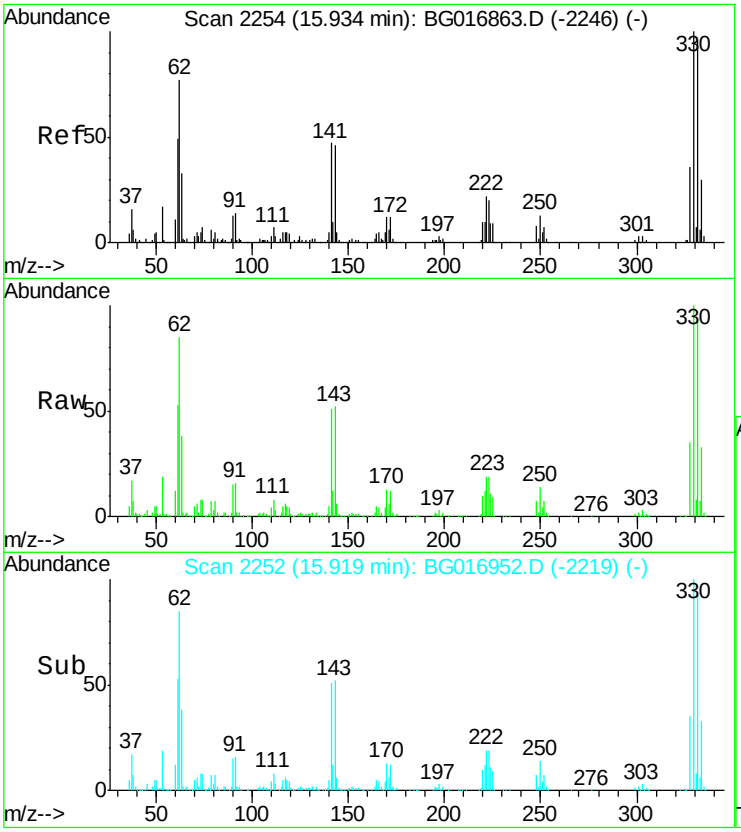


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG016952.D
Acq: 8 May 2015 12:30

Tgt Ion:164 Resp: 164540

Ion	Ratio	Lower	Upper
164	100		
162	94.6	74.0	111.0
160	40.9	34.7	52.1



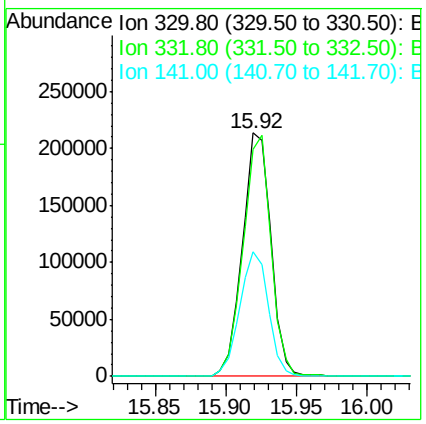


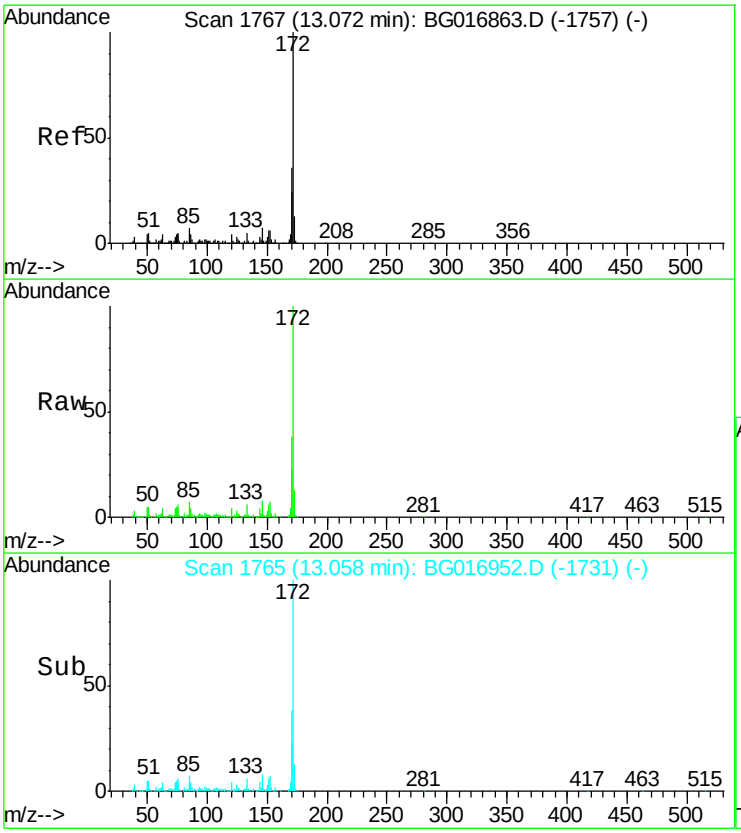
#41
2,4,6-Tribromophenol
Concen: 183.55 ng
RT: 15.92 min Scan# 2252
Delta R.T. -0.01 min
Lab File: BG016952.D
Acq: 8 May 2015 12:30

Instrument :
BNA_G
ClientSampleId :
MWJ-2

Tgt Ion:330 Resp: 303187

Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	51.4	0.0	0.0#

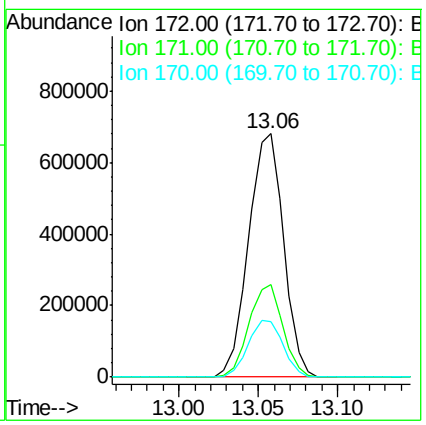


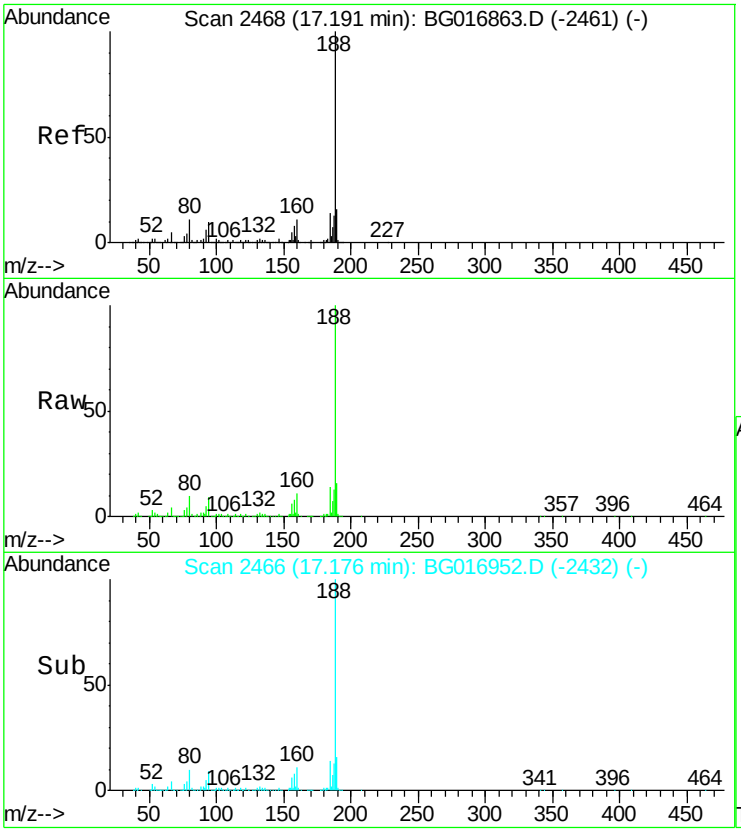


#44
2-Fluorobiphenyl
Concen: 95.79 ng
RT: 13.06 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG016952.D
Acq: 8 May 2015 12:30

Tgt Ion:172 Resp: 1044518

Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.0	43.4
170	22.9	19.0	28.4



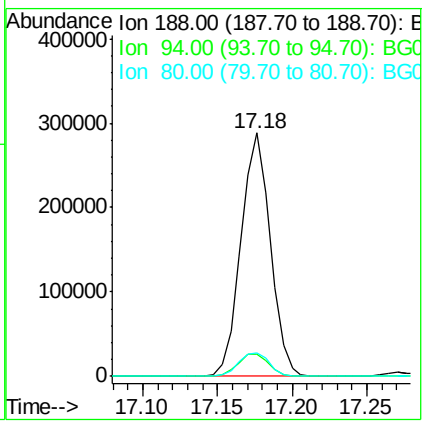


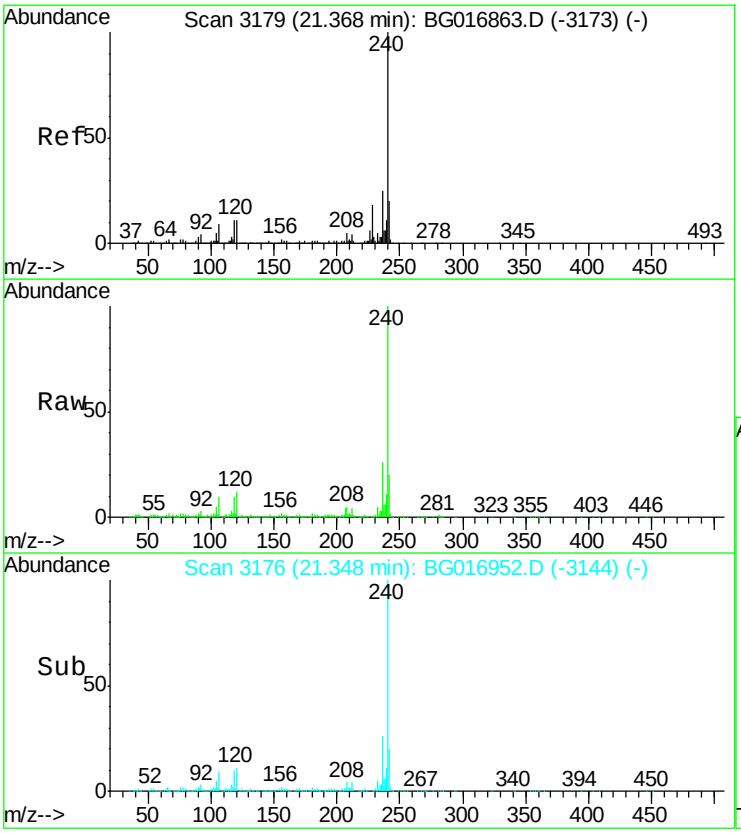
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG016952.D
Acq: 8 May 2015 12:30

Instrument :
BNA_G
ClientSampleId :
MWJ-2

Tgt Ion:188 Resp: 391475

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.4
80	9.9	8.8	13.2

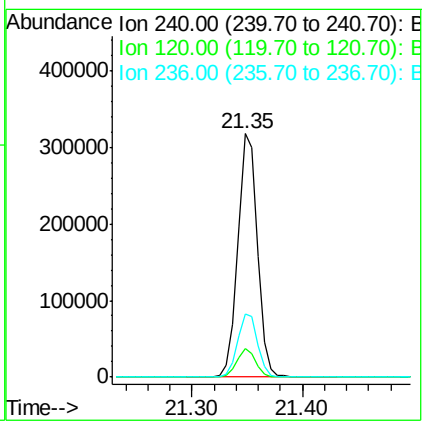


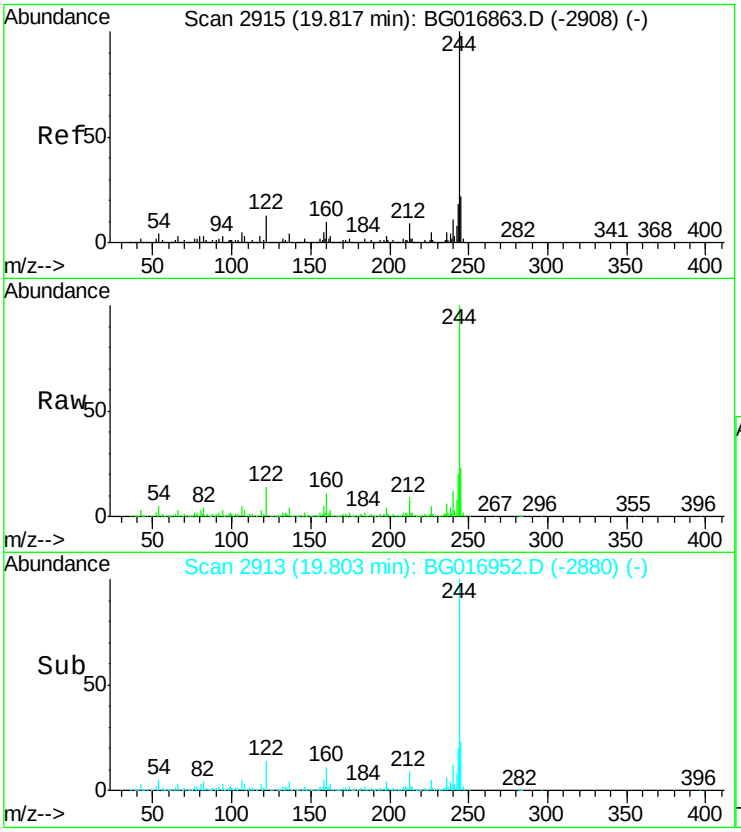


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG016952.D
Acq: 8 May 2015 12:30

Tgt Ion:240 Resp: 396829

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.1	13.7
236	25.8	20.2	30.4



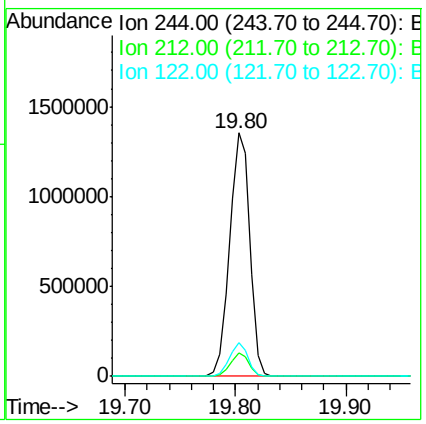


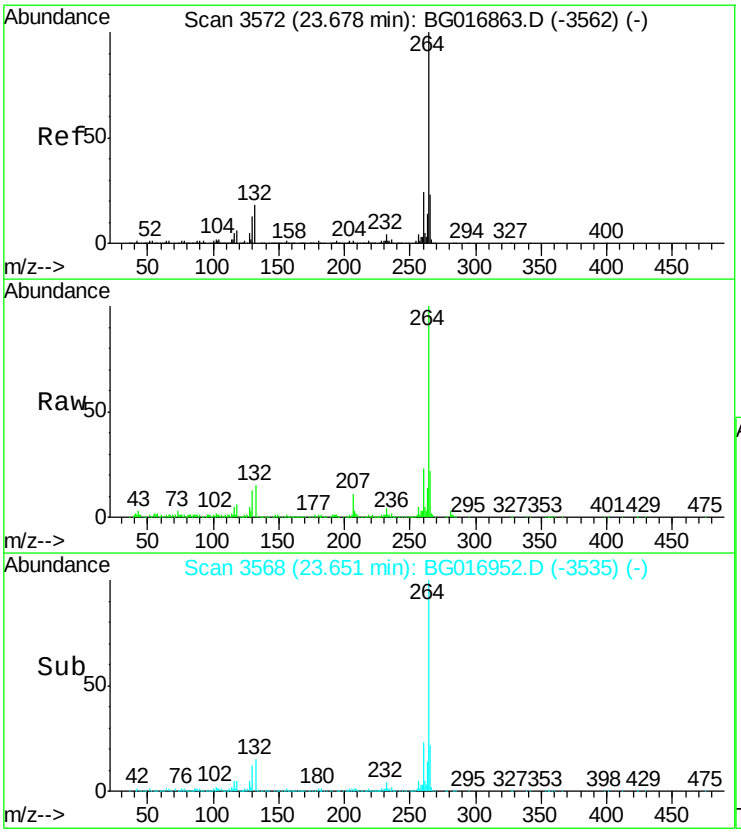
#78
Terphenyl-d14
Concen: 102.36 ng
RT: 19.80 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BG016952.D
Acq: 8 May 2015 12:30

Instrument :
BNA_G
ClientSampleId :
MWJ-2

Tgt Ion:244 Resp: 1732738

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.6
122	14.0	10.4	15.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.65 min Scan# 3568
Delta R.T. -0.01 min
Lab File: BG016952.D
Acq: 8 May 2015 12:30

Tgt Ion:264 Resp: 376823

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.2	18.5	27.7