Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016953.D
Acq On : 8 May 2015 13:05
Operator : TP/IZ
Sample : G2057-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWJ-3

Quant Time: May 09 00:18:18 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	54662	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	242481	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	165251	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	400945	20.00	ng	0.00
75) Chrysene-d12	21.35	240	412088	20.00	ng	-0.01
86) Perylene-d12	23.65	264	394233	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	242481	77.24	ng	0.00
7) Phenol-d6	6.96	99	215172	47.98	ng	0.00
23) Nitrobenzene-d5	8.95	82	462478	93.18	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	292495	176.31	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1007546	92.01	ng	0.00
78) Terphenyl-d14	19.80	244	1675582	95.32	ng	0.00
Target Compounds						Qvalue
59) Diethylphthalate	15.26	149	40075	3.08	ng	# 95

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

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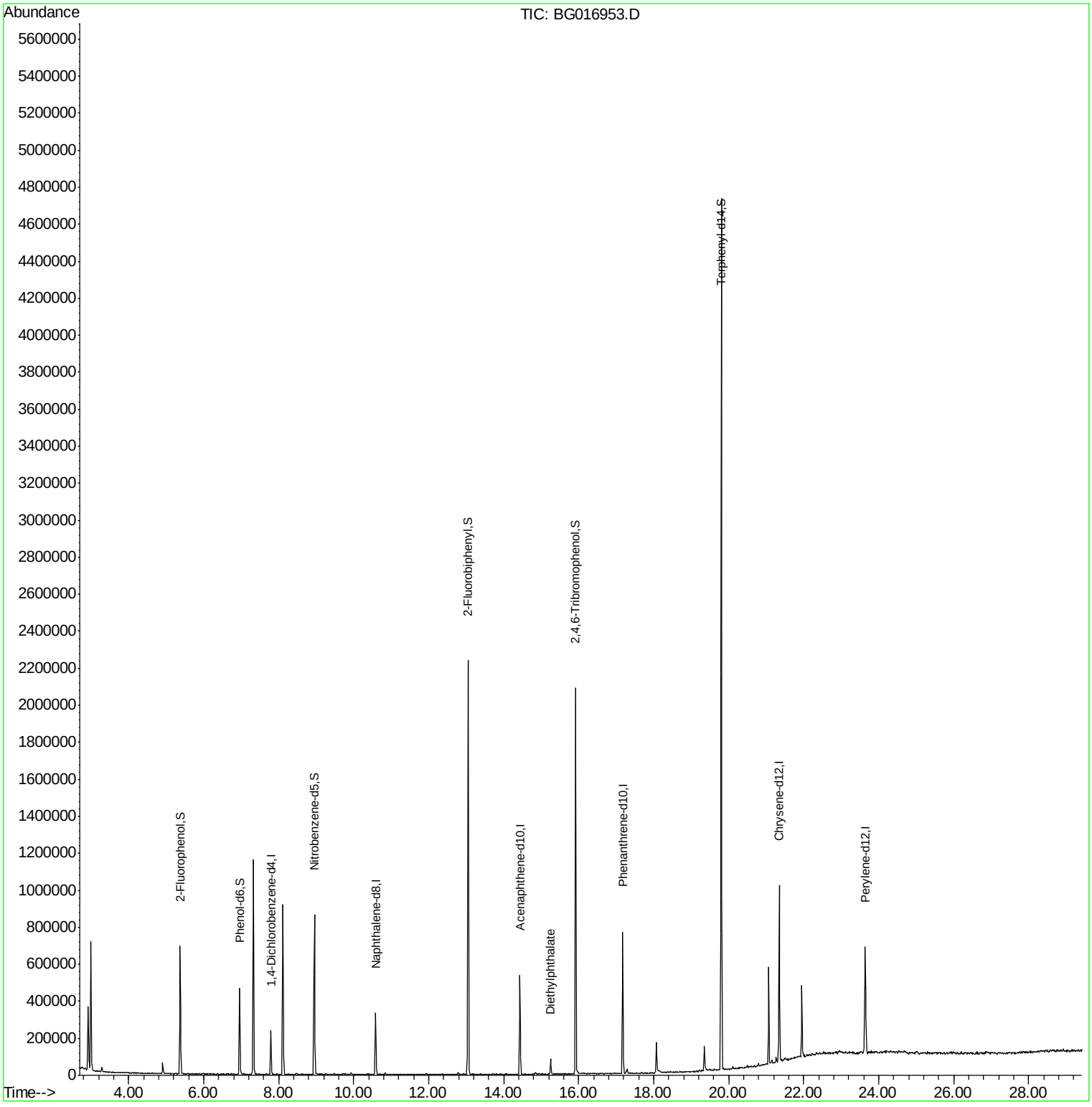
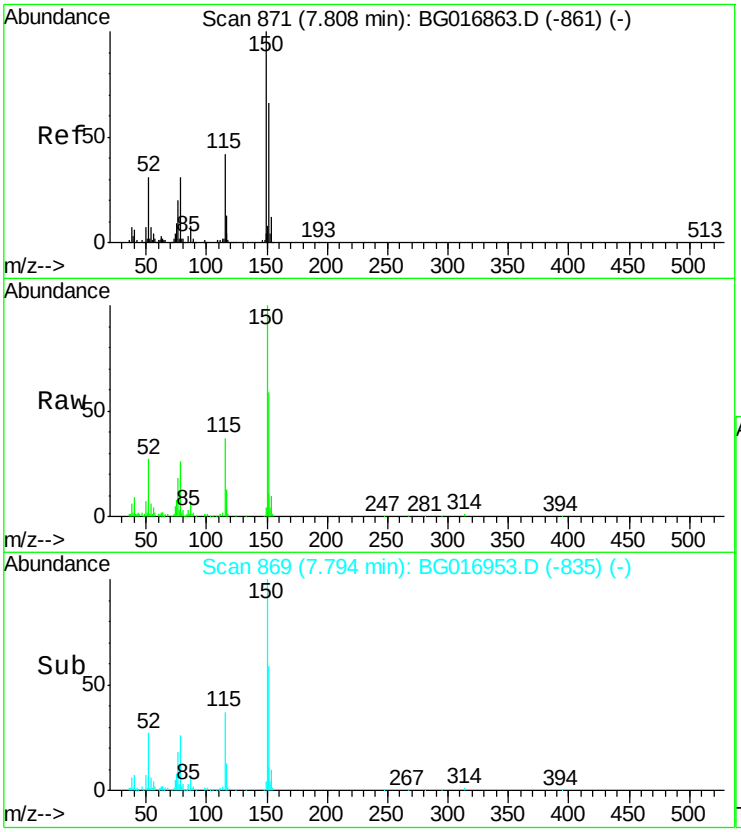


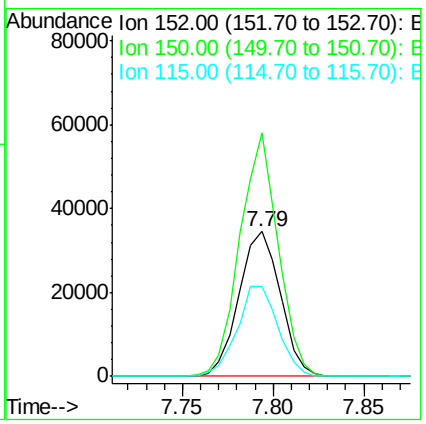


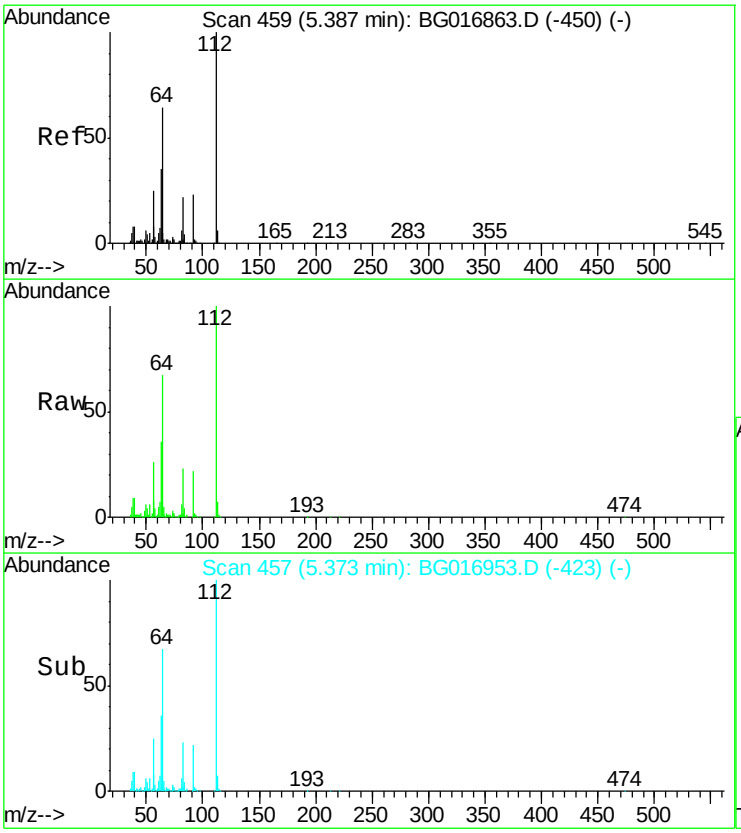
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 869
Delta R.T. 0.00 min
Lab File: BG016953.D
Acq: 8 May 2015 13:05

Instrument :
BNA_G
ClientSampleId :
MWJ-3

Tgt Ion:152 Resp: 54662

Ion	Ratio	Lower	Upper
152	100		
150	168.4	121.0	181.4
115	62.4	50.5	75.7

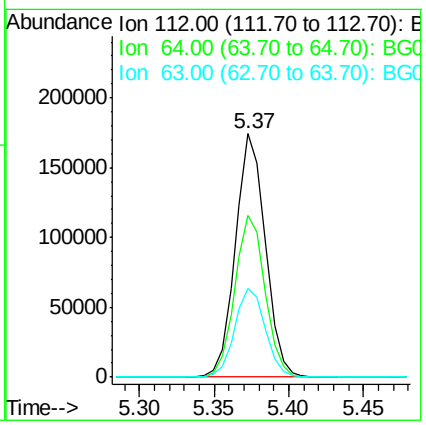


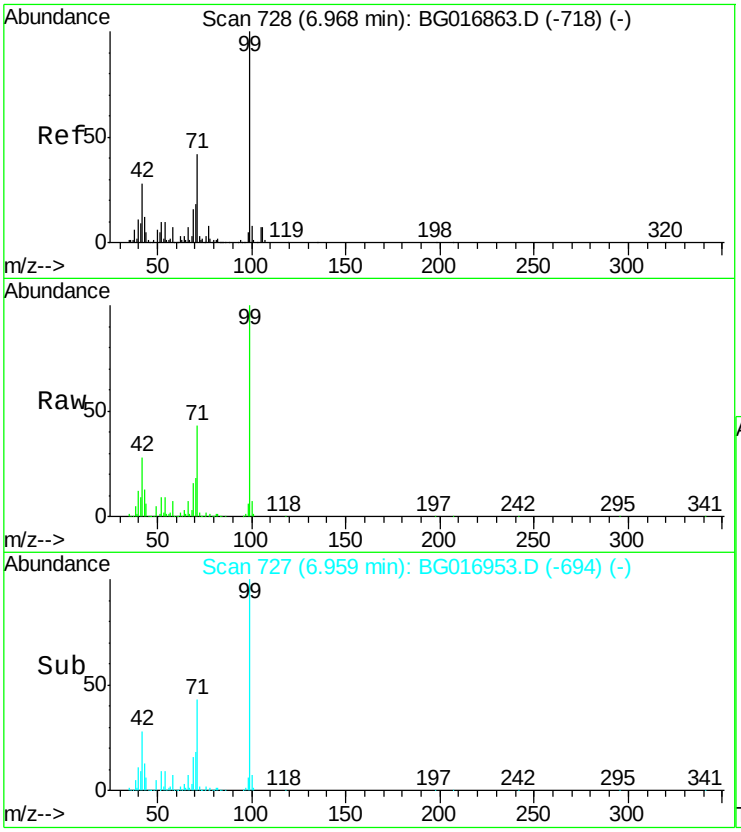


#5
2-Fluorophenol
Concen: 77.24 ng
RT: 5.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: BG016953.D
Acq: 8 May 2015 13:05

Tgt Ion:112 Resp: 242481

Ion	Ratio	Lower	Upper
112	100		
64	66.5	51.4	77.2
63	36.2	28.1	42.1



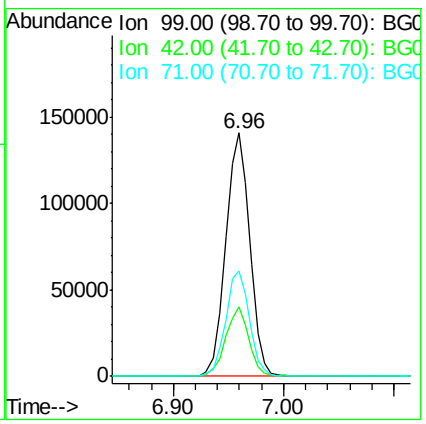


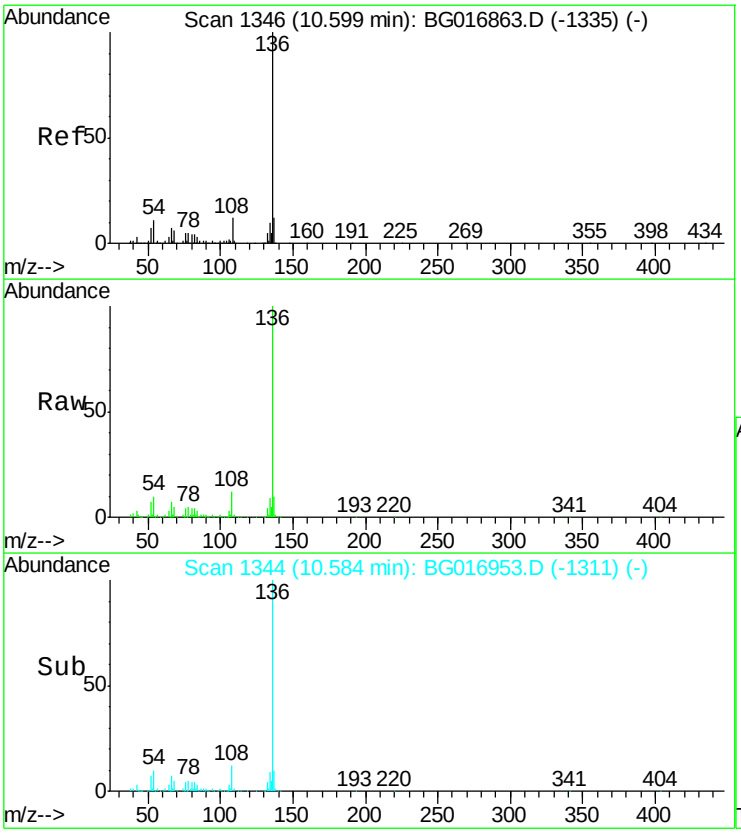
#7
Phenol-d6
Concen: 47.98 ng
RT: 6.96 min Scan# 727
Delta R.T. -0.01 min
Lab File: BG016953.D
Acq: 8 May 2015 13:05

Instrument :
BNA_G
ClientSampleId :
MWJ-3

Tgt Ion: 99 Resp: 215172

Ion	Ratio	Lower	Upper
99	100		
42	28.4	22.1	33.1
71	43.0	33.4	50.0

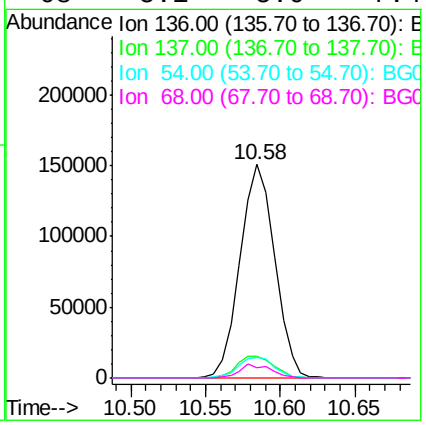


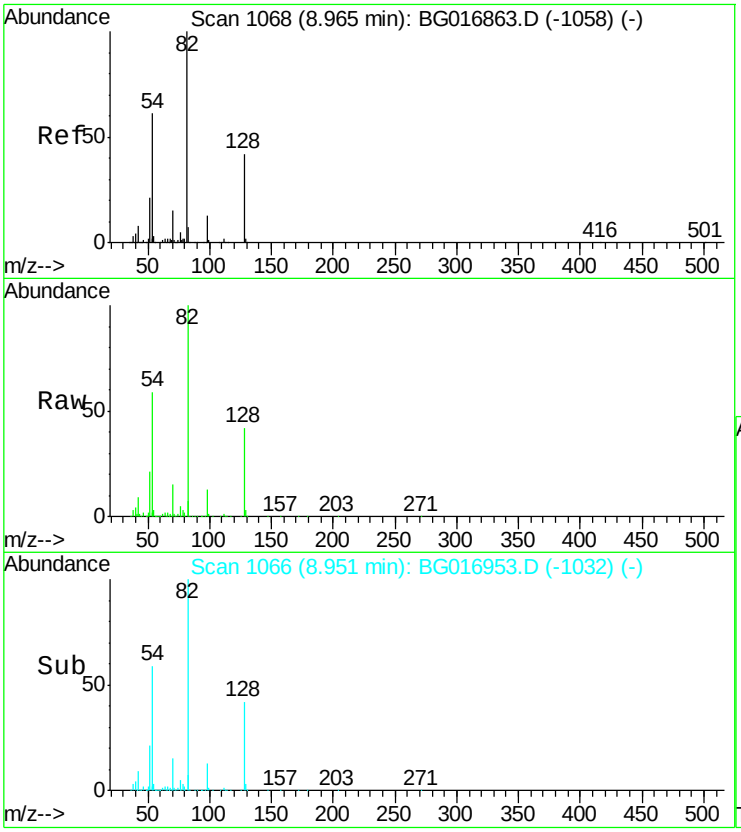


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG016953.D
Acq: 8 May 2015 13:05

Tgt Ion:136 Resp: 242481

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.8
54	9.6	8.7	13.1
68	5.1	5.0	7.4



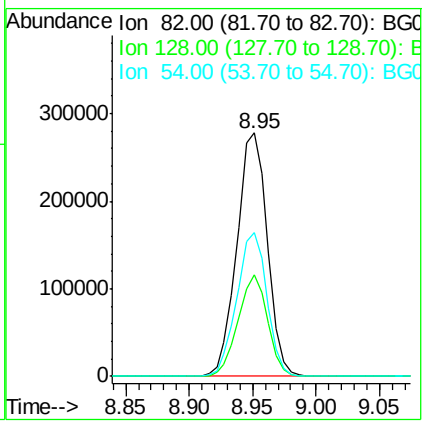


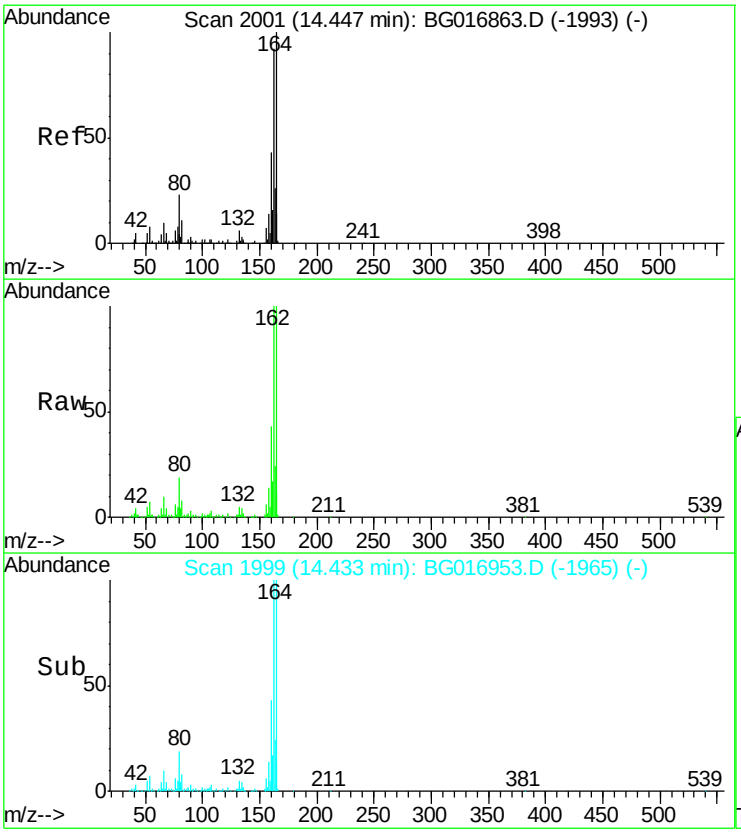
#23
Nitrobenzene-d5
Concen: 93.18 ng
RT: 8.95 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BG016953.D
Acq: 8 May 2015 13:05

Instrument :
BNA_G
ClientSampleId :
MWJ-3

Tgt Ion: 82 Resp: 462478

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.2	49.8
54	59.0	48.6	72.8

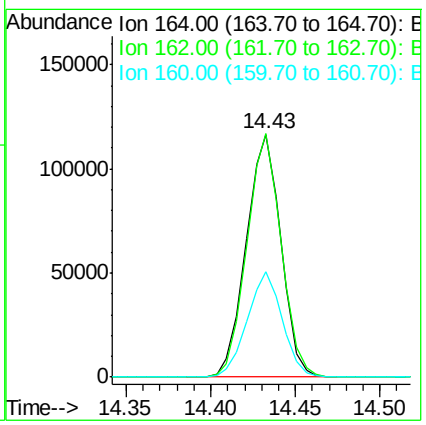


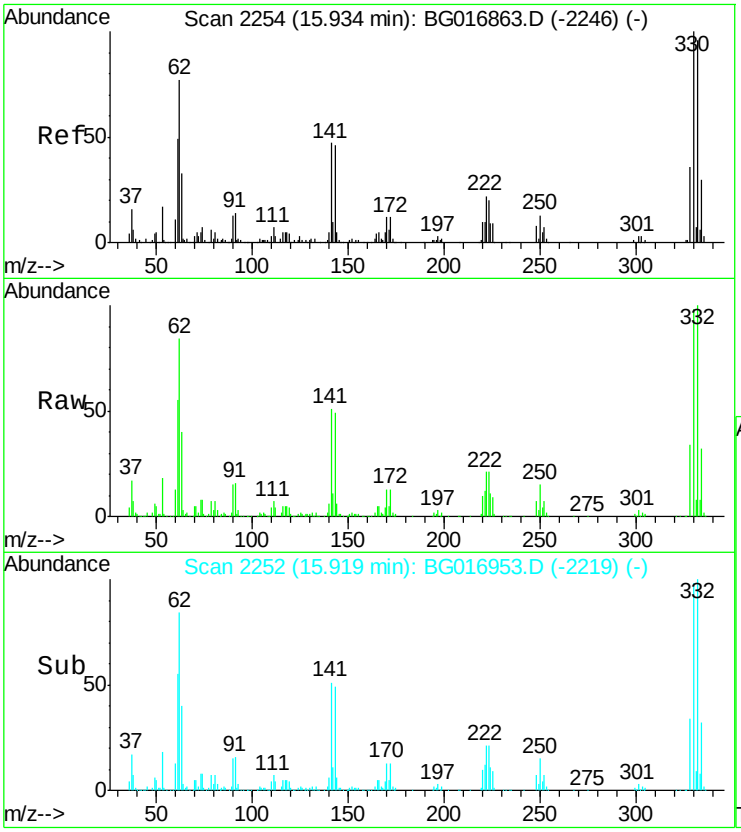


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG016953.D
Acq: 8 May 2015 13:05

Tgt Ion:164 Resp: 165251

Ion	Ratio	Lower	Upper
164	100		
162	100.5	74.0	111.0
160	43.4	34.7	52.1



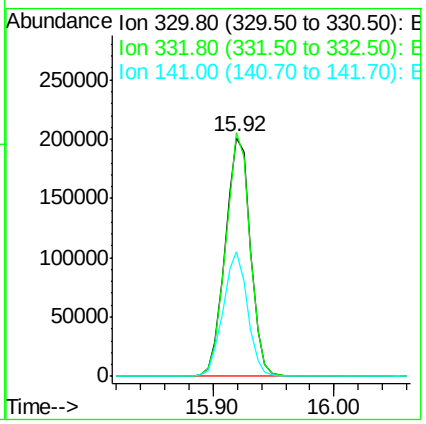


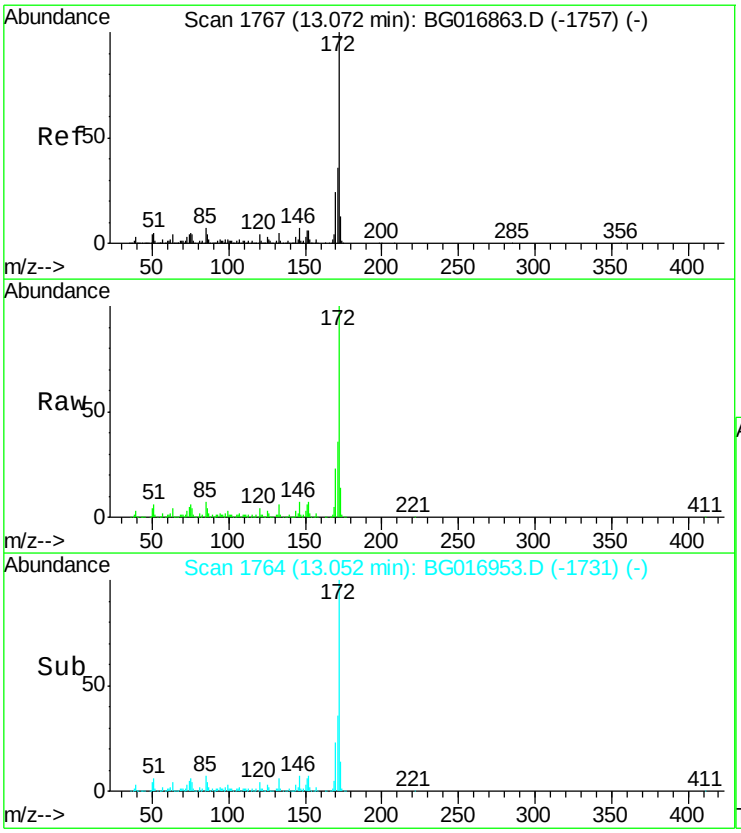
#41
2,4,6-Tribromophenol
Concen: 176.31 ng
RT: 15.92 min Scan# 2252
Delta R.T. -0.01 min
Lab File: BG016953.D
Acq: 8 May 2015 13:05

Instrument :
BNA_G
ClientSampleId :
MWJ-3

Tgt Ion:330 Resp: 292495

Ion	Ratio	Lower	Upper
330	100		
332	98.4	0.0	0.0#
141	50.6	0.0	0.0#

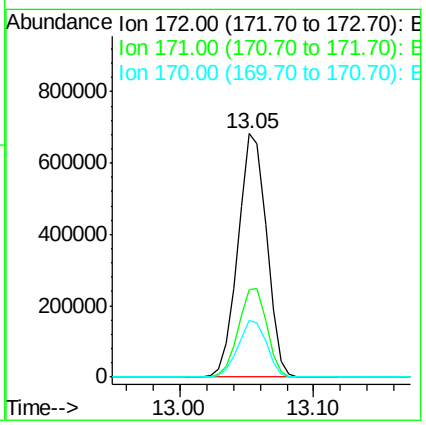


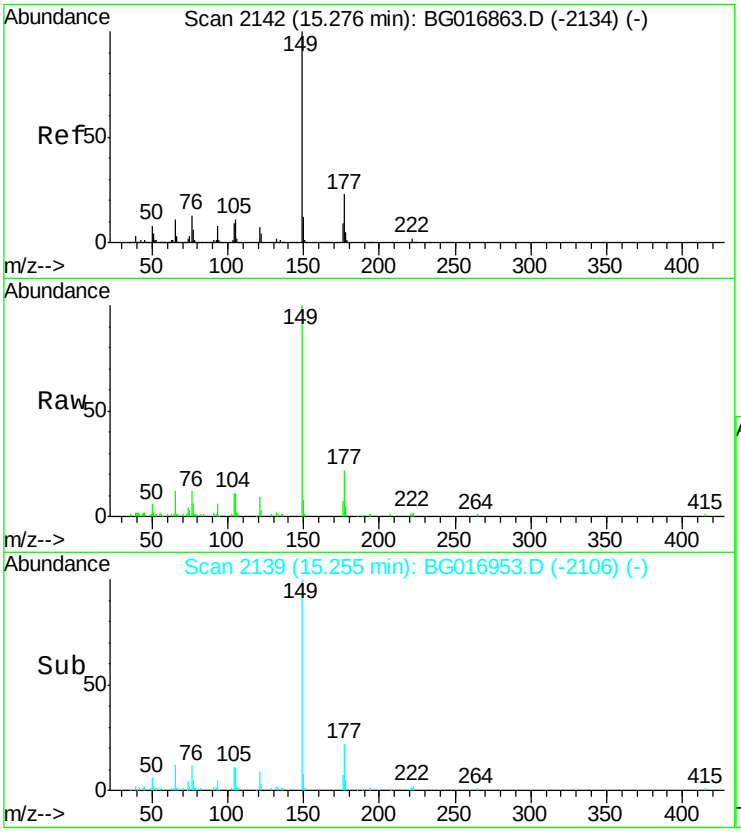


#44
2-Fluorobiphenyl
Concen: 92.01 ng
RT: 13.05 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG016953.D
Acq: 8 May 2015 13:05

Tgt Ion:172 Resp: 1007546

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	23.5	19.0	28.4



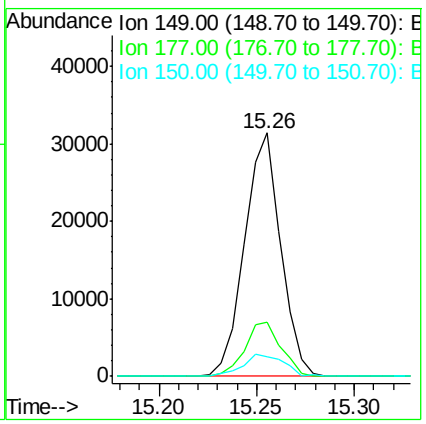


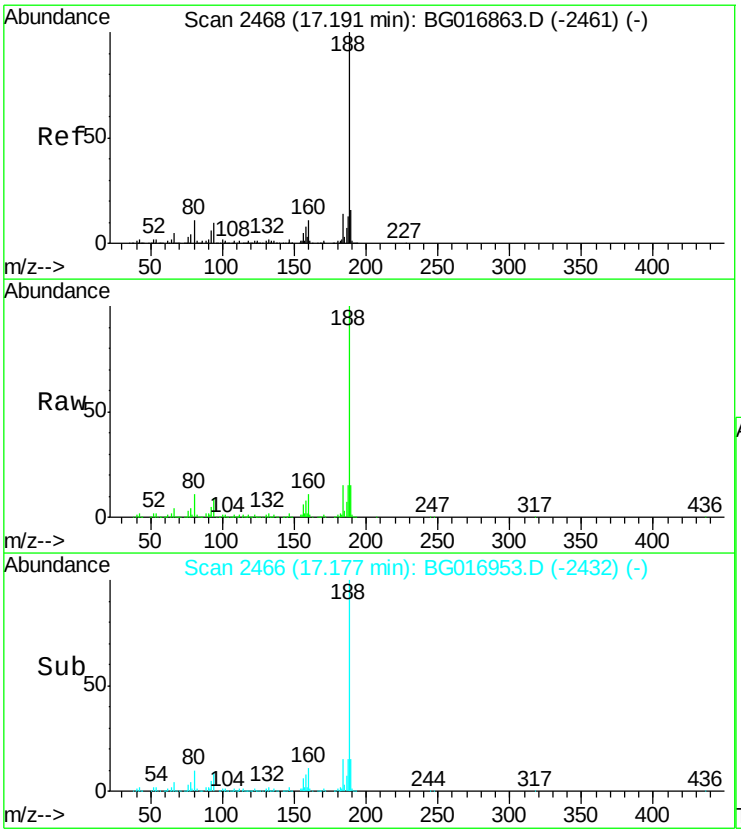
#59
Diethylphthalate
Concen: 3.08 ng
RT: 15.26 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG016953.D
Acq: 8 May 2015 13:05

Instrument :
BNA_G
ClientSampleId :
MWJ-3

Tgt Ion:149 Resp: 40075

Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.6	27.8
150	8.3	9.8	14.8#

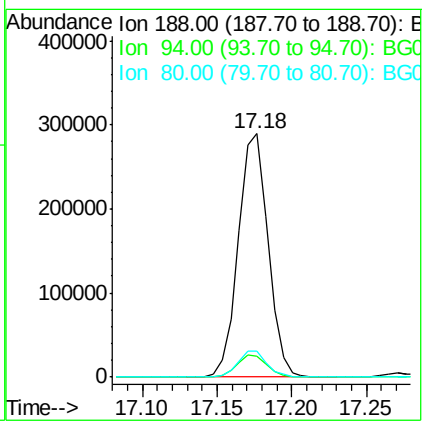


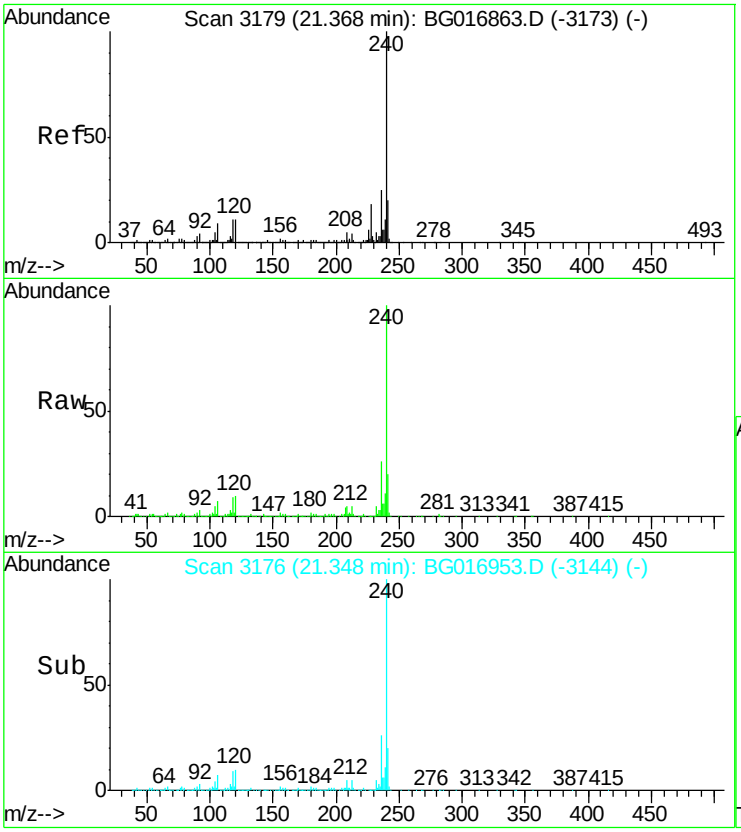


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG016953.D
Acq: 8 May 2015 13:05

Tgt Ion:188 Resp: 400945

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.4
80	10.5	8.8	13.2



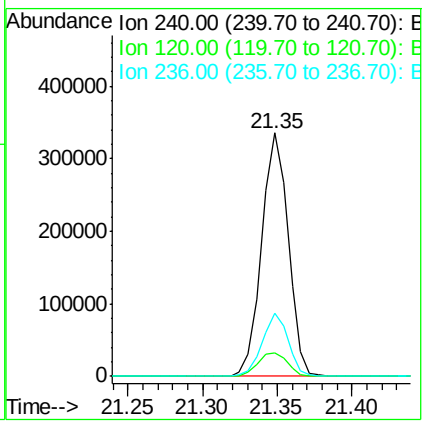


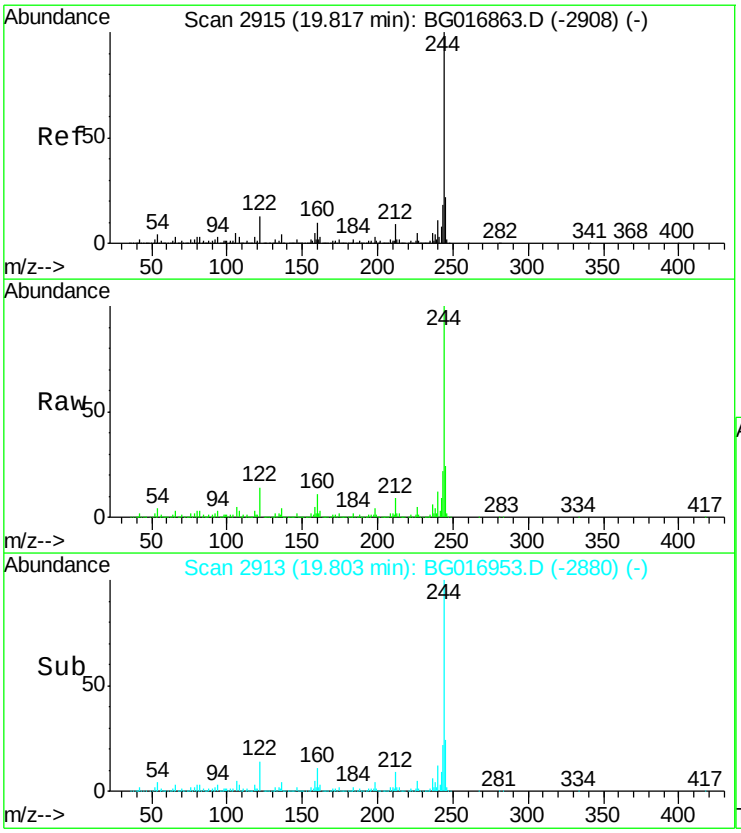
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG016953.D
Acq: 8 May 2015 13:05

Instrument :
BNA_G
ClientSampleId :
MWJ-3

Tgt Ion:240 Resp: 412088

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.1	13.7
236	25.8	20.2	30.4

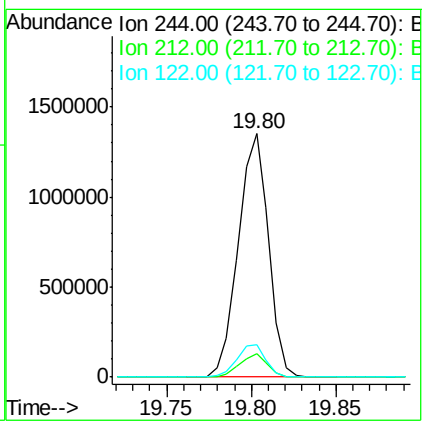


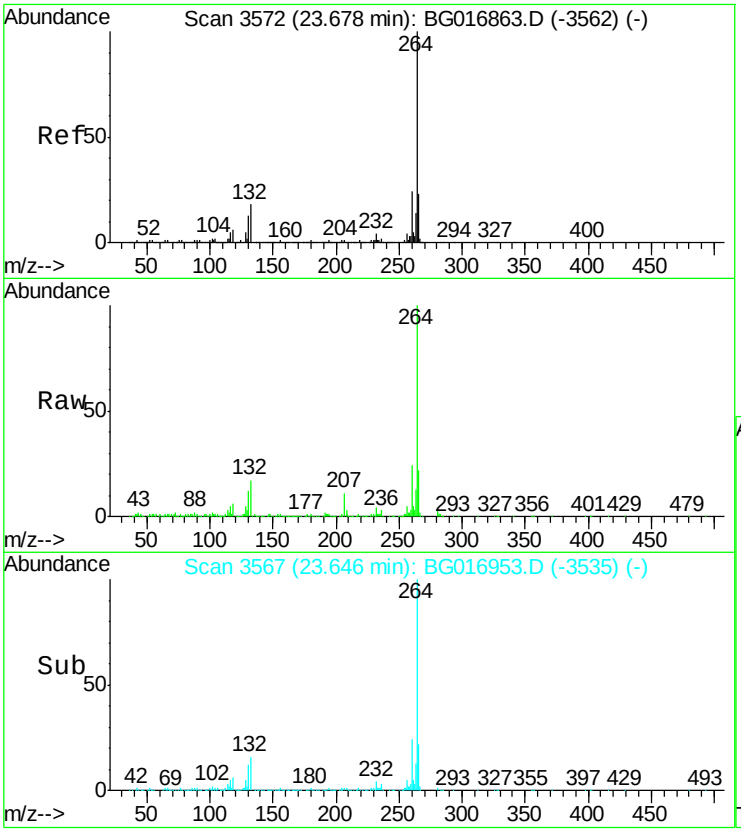


#78
Terphenyl-d14
Concen: 95.32 ng
RT: 19.80 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BG016953.D
Acq: 8 May 2015 13:05

Tgt Ion:244 Resp: 1675582

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.6
122	13.6	10.4	15.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.65 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BG016953.D
Acq: 8 May 2015 13:05

Instrument :
BNA_G
ClientSampleId :
MWJ-3

Tgt Ion:264 Resp: 394233

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.2	18.5	27.7