Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
Data File : BG016713.D
Acq On : 25 Apr 2015 12:28
Operator : TP/IZ
Sample : G2006-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Time: Apr 27 01:17:48 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 27 00:50:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	44915	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	186251	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	108277	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	234389	20.00	ng	0.00
75) Chrysene-d12	21.18	240	234214	20.00	ng	0.00
86) Perylene-d12	23.38	264	222934	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	125744	45.43	ng	0.00
7) Phenol-d6	6.79	99	102071	26.29	ng	0.00
23) Nitrobenzene-d5	8.75	82	353768	120.02	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	88013	109.57	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	813670	120.73	ng	0.00
78) Terphenyl-d14	19.63	244	936799	92.14	ng	0.00
Target Compounds						Qvalue

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

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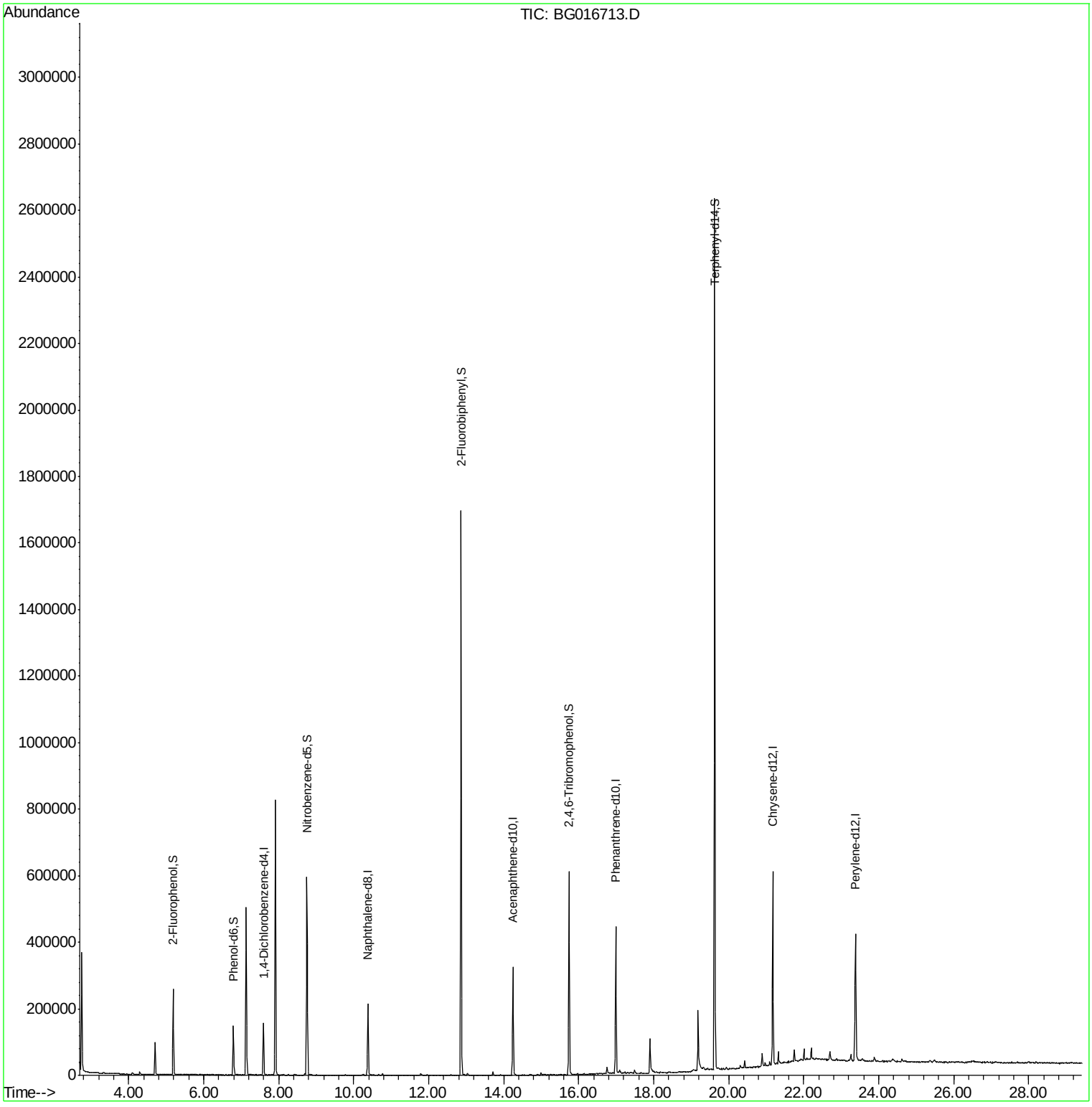
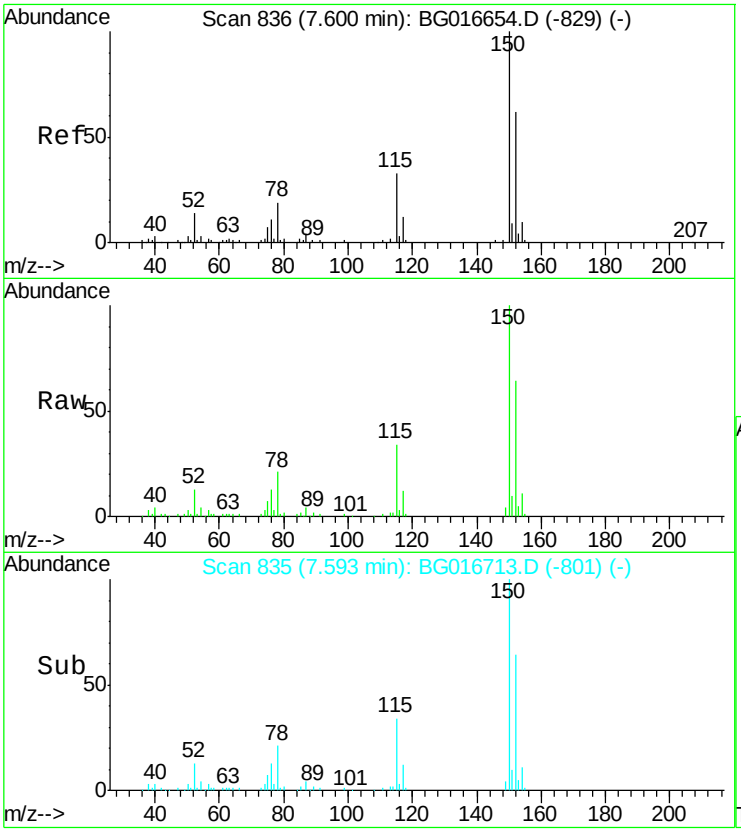


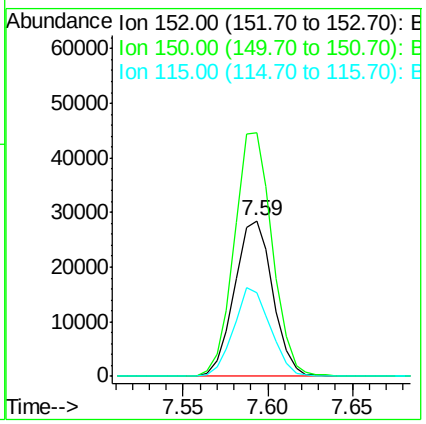


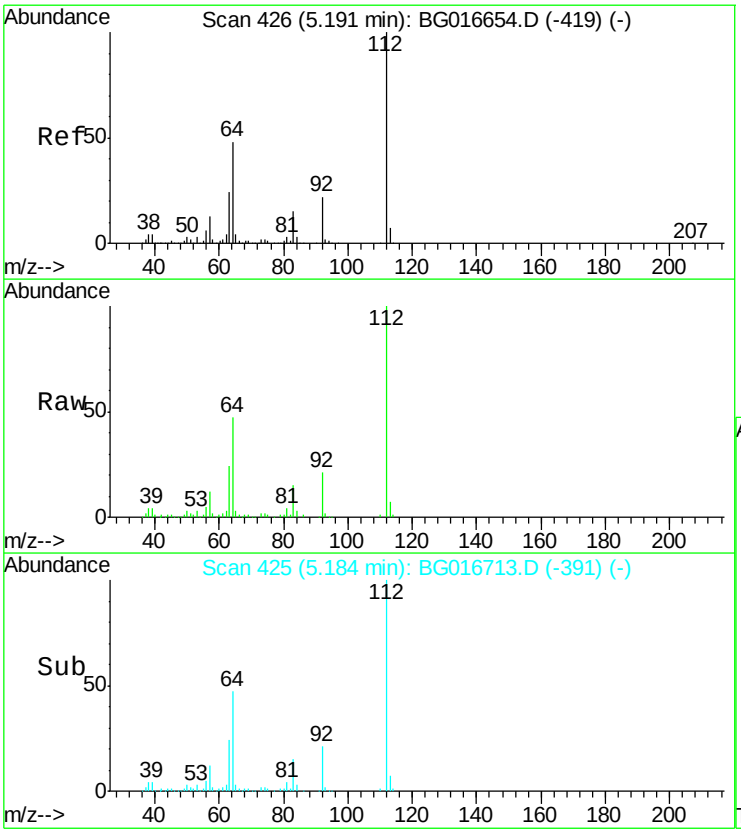
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 835
Delta R.T. -0.00 min
Lab File: BG016713.D
Acq: 25 Apr 2015 12:28

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 44915

Ion	Ratio	Lower	Upper
152	100		
150	156.2	129.6	194.4
115	53.6	43.0	64.6

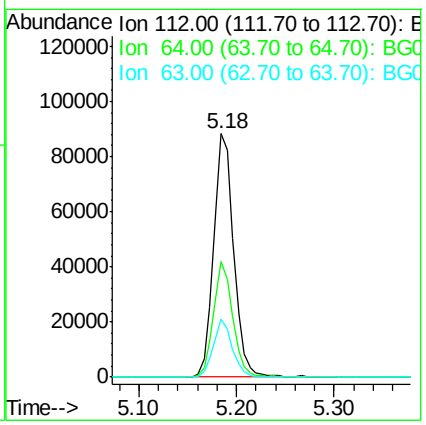


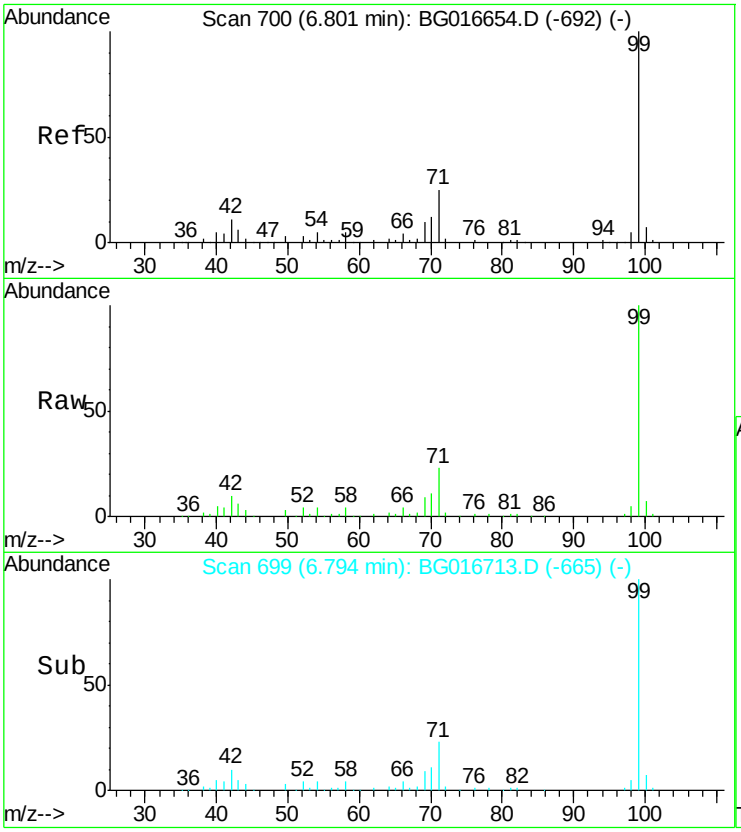


#5
2-Fluorophenol
Concen: 45.43 ng
RT: 5.18 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG016713.D
Acq: 25 Apr 2015 12:28

Tgt Ion:112 Resp: 125744

Ion	Ratio	Lower	Upper
112	100		
64	47.2	38.3	57.5
63	23.7	18.9	28.3



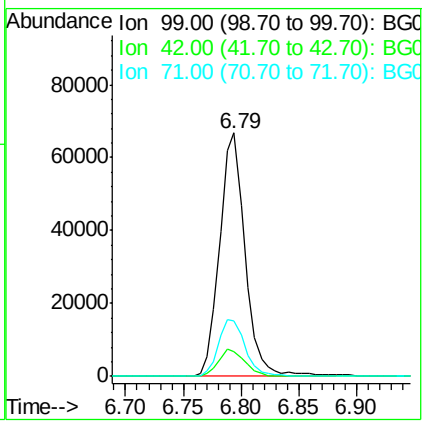


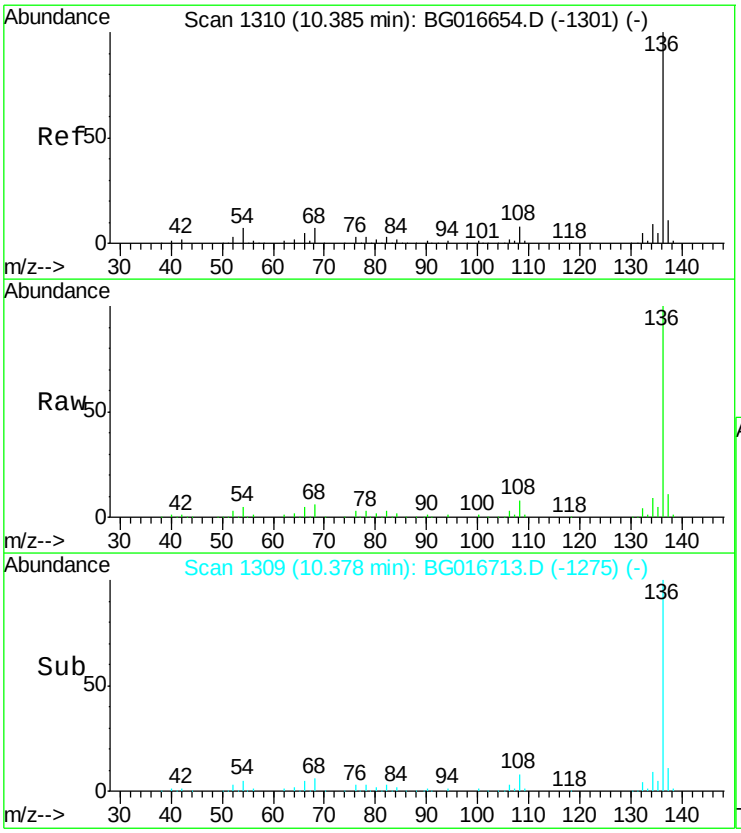
#7
Phenol-d6
Concen: 26.29 ng
RT: 6.79 min Scan# 699
Delta R.T. -0.00 min
Lab File: BG016713.D
Acq: 25 Apr 2015 12:28

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion: 99 Resp: 102071

Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.8	13.2
71	23.0	19.9	29.9

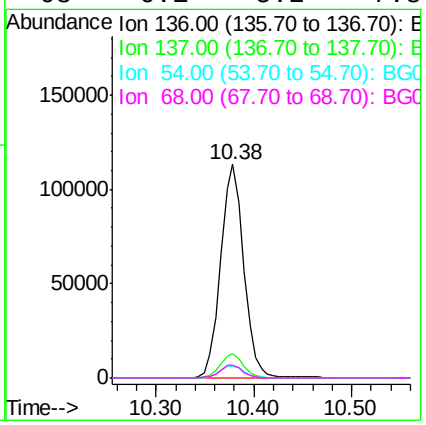


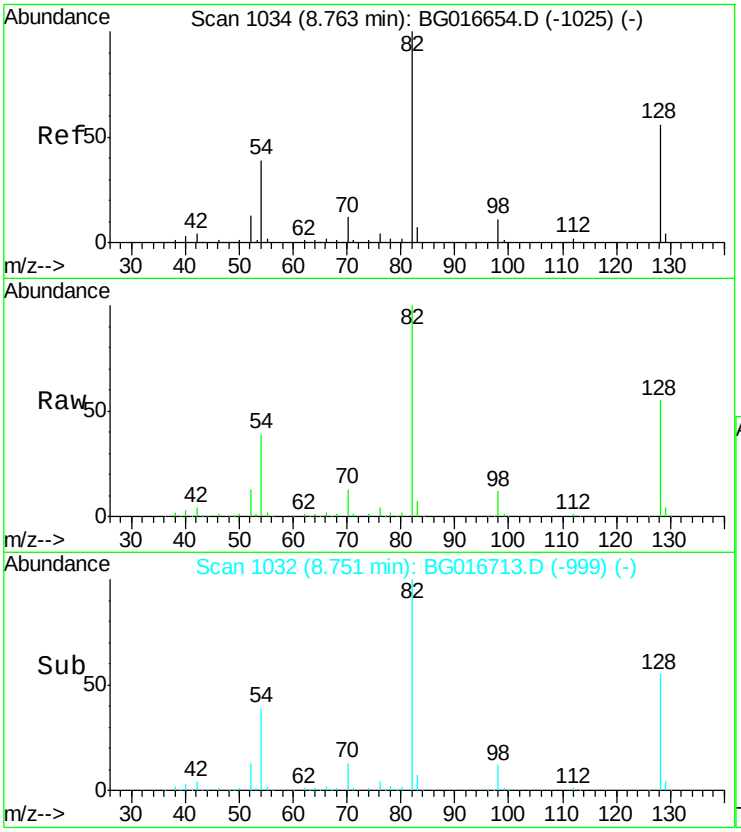


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.38 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG016713.D
Acq: 25 Apr 2015 12:28

Tgt Ion:136 Resp: 186251

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	5.5	5.4	8.2
68	6.1	5.2	7.8

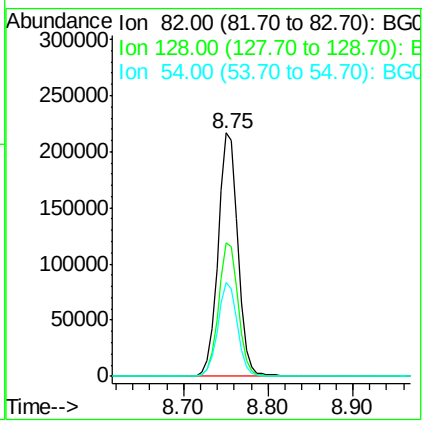




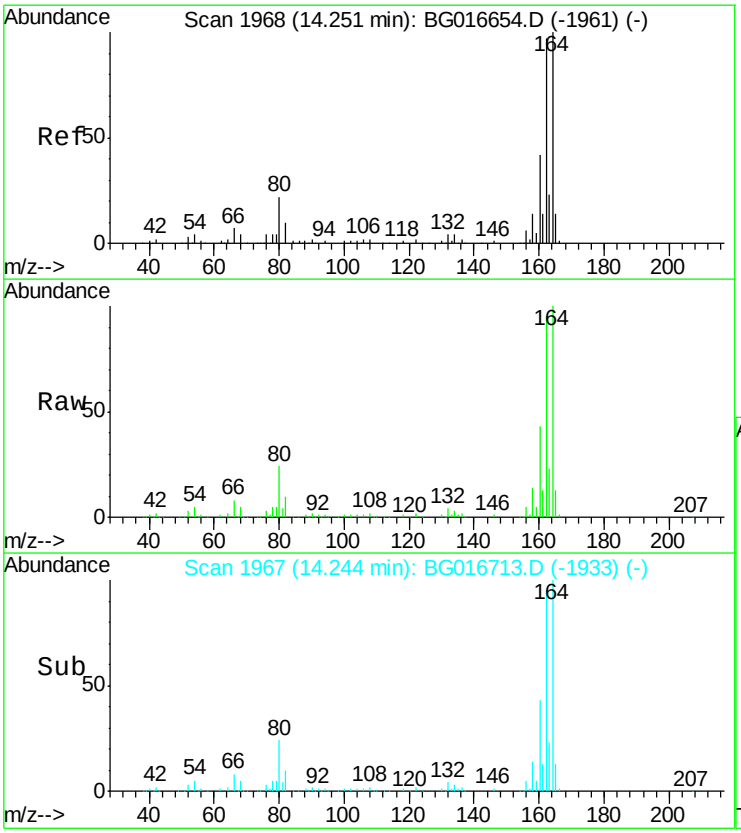
#23
Nitrobenzene-d5
Concen: 120.02 ng
RT: 8.75 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG016713.D
Acq: 25 Apr 2015 12:28

Tgt Ion: 82 Resp: 353768

Ion	Ratio	Lower	Upper
82	100		
128	54.6	44.7	67.1
54	38.7	30.9	46.3



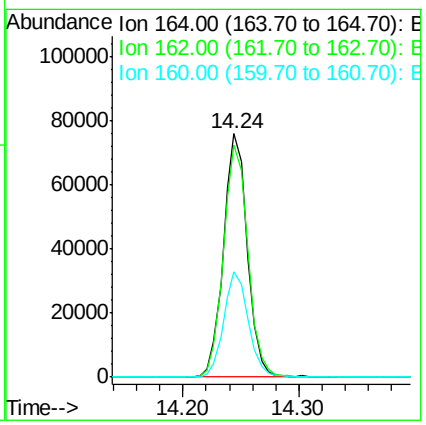
Instrument :
BNA_G
ClientSampleId :
MW-4

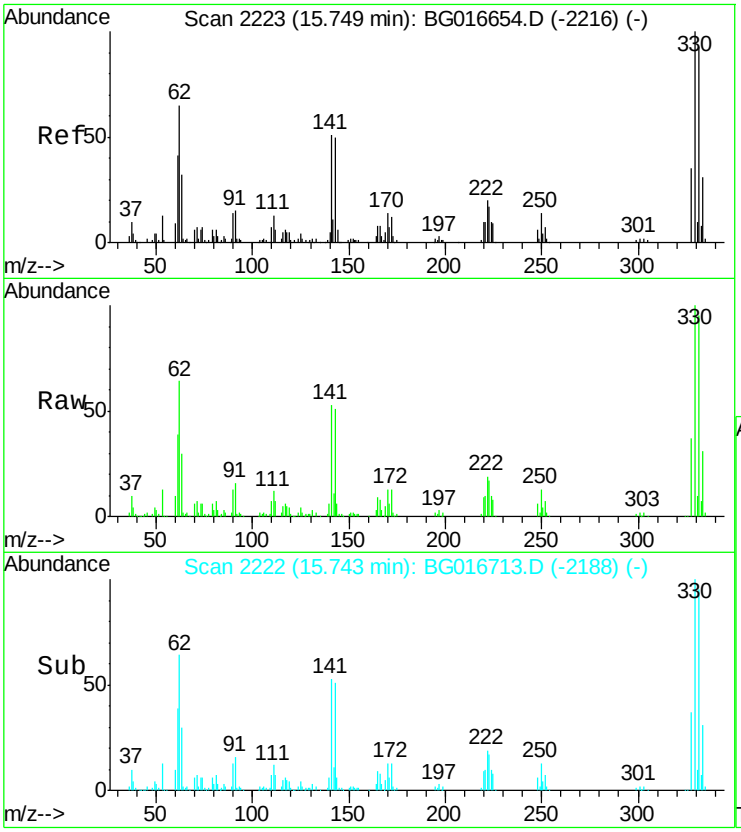


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.24 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG016713.D
Acq: 25 Apr 2015 12:28

Tgt Ion:164 Resp: 108277

Ion	Ratio	Lower	Upper
164	100		
162	95.3	77.3	115.9
160	43.3	33.7	50.5



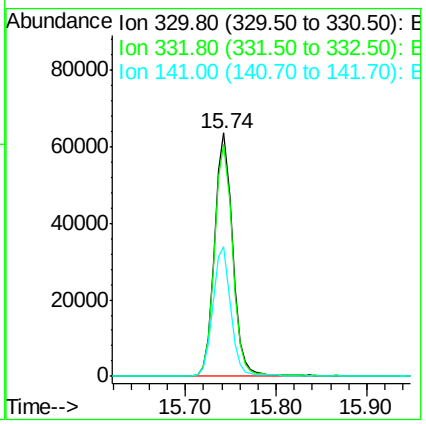


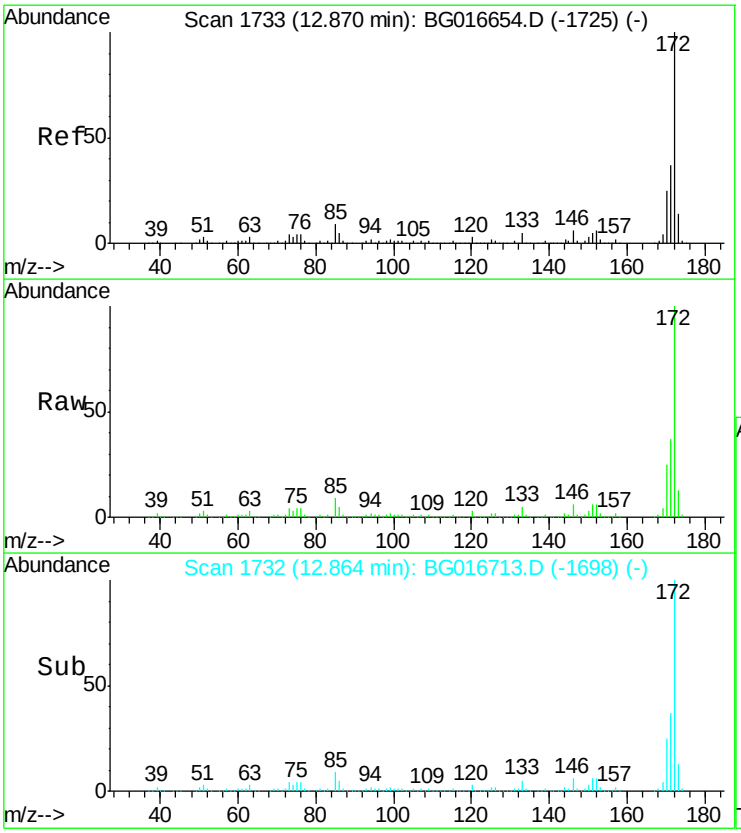
#41
2,4,6-Tribromophenol
Concen: 109.57 ng
RT: 15.74 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG016713.D
Acq: 25 Apr 2015 12:28

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:330 Resp: 88013

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.2	114.4
141	52.6	43.0	64.6

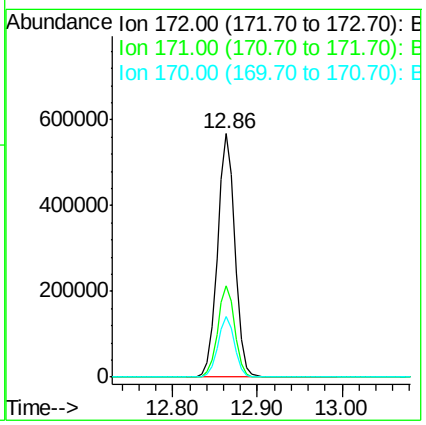


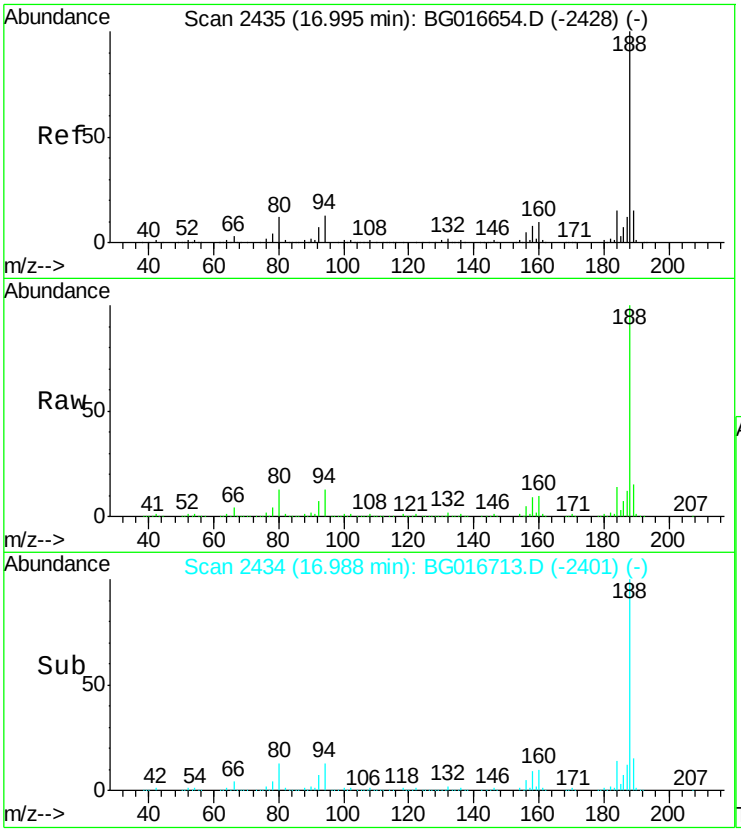


#44
2-Fluorobiphenyl
Concen: 120.73 ng
RT: 12.86 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG016713.D
Acq: 25 Apr 2015 12:28

Tgt Ion:172 Resp: 813670

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.9	44.9
170	24.8	19.8	29.8



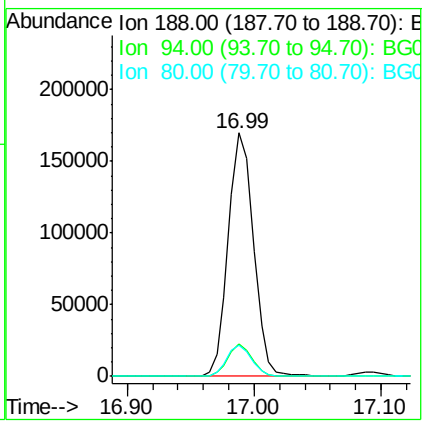


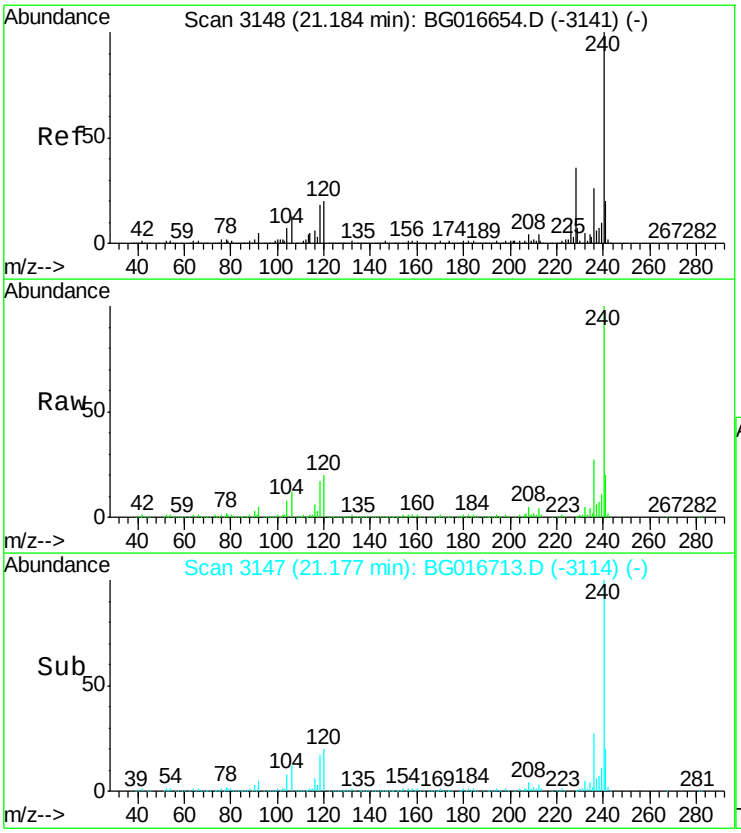
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG016713.D
Acq: 25 Apr 2015 12:28

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:188 Resp: 234389

Ion	Ratio	Lower	Upper
188	100		
94	13.1	10.7	16.1
80	12.7	9.9	14.9

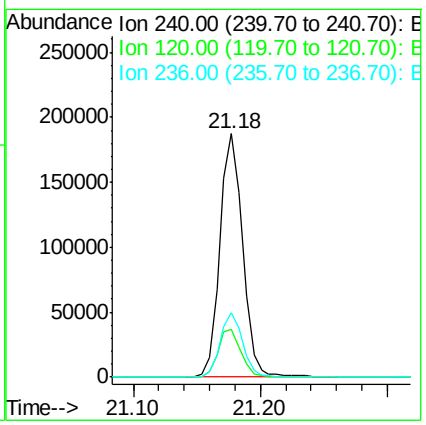


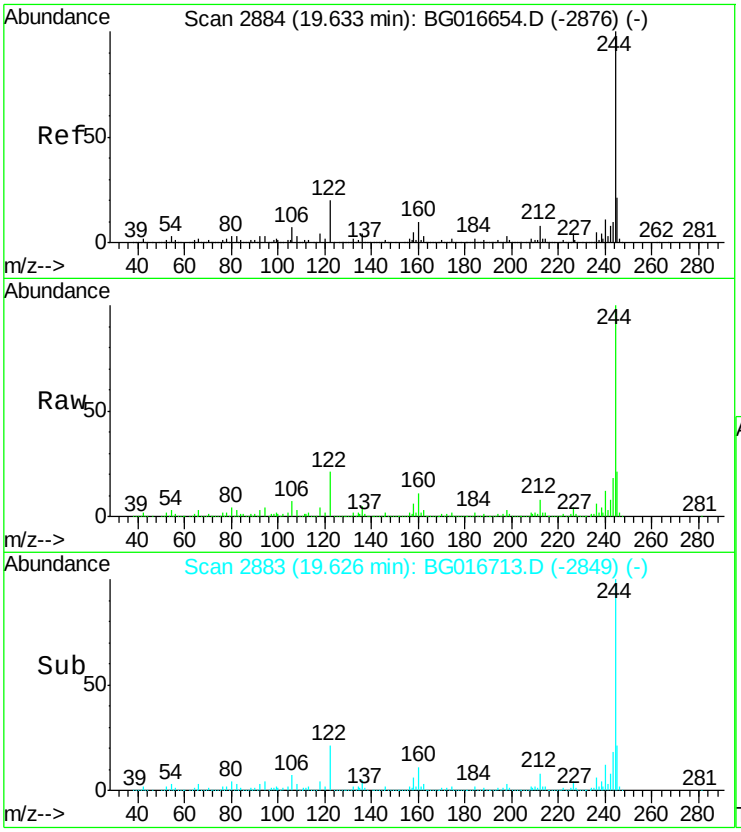


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG016713.D
Acq: 25 Apr 2015 12:28

Tgt Ion:240 Resp: 234214

Ion	Ratio	Lower	Upper
240	100		
120	19.9	16.3	24.5
236	26.6	21.1	31.7



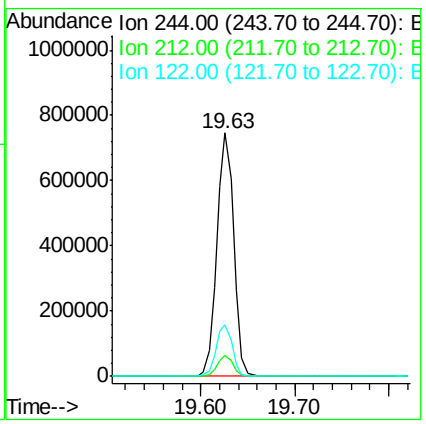


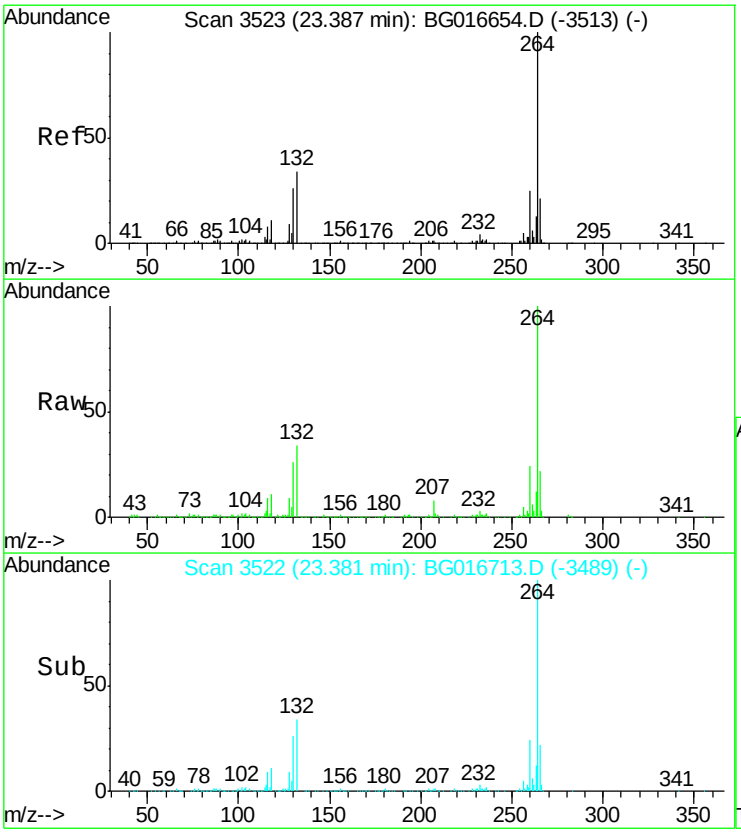
#78
Terphenyl-d14
Concen: 92.14 ng
RT: 19.63 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BG016713.D
Acq: 25 Apr 2015 12:28

Instrument :
BNA_G
ClientSampleId :
MW-4

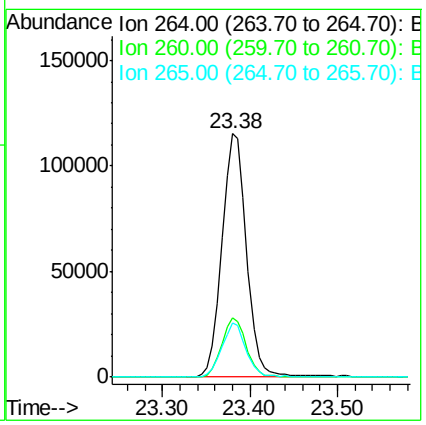
Tgt Ion:244 Resp: 936799

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.4	9.6
122	21.4	15.9	23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.38 min Scan# 3522
Delta R.T. -0.01 min
Lab File: BG016713.D
Acq: 25 Apr 2015 12:28

Tgt Ion:264 Resp: 222934

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.0	30.0
265	22.3	16.8	25.2