Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016738.D
Acq On : 27 Apr 2015 16:03
Operator : TP/IZ
Sample : G1950-09RE 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-22(UNDERCONCRETE)RE

Quant Time: Apr 28 01:08:42 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 00:54:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	63894	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	286051	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	164246	20.00	ng	0.00
63) Phenanthrene-d10	16.98	188	311994	20.00	ng	0.00
75) Chrysene-d12	21.17	240	281213	20.00	ng	0.00
86) Perylene-d12	23.37	264	271984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	878	0.22	ng	0.01
7) Phenol-d6	6.79	99	9266	1.68	ng	0.01
23) Nitrobenzene-d5	8.75	82	10485	2.32	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	12.85	172	28328	2.77	ng	0.00
78) Terphenyl-d14	19.61	244	32407	2.65	ng	0.00
Target Compounds						Qvalue

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

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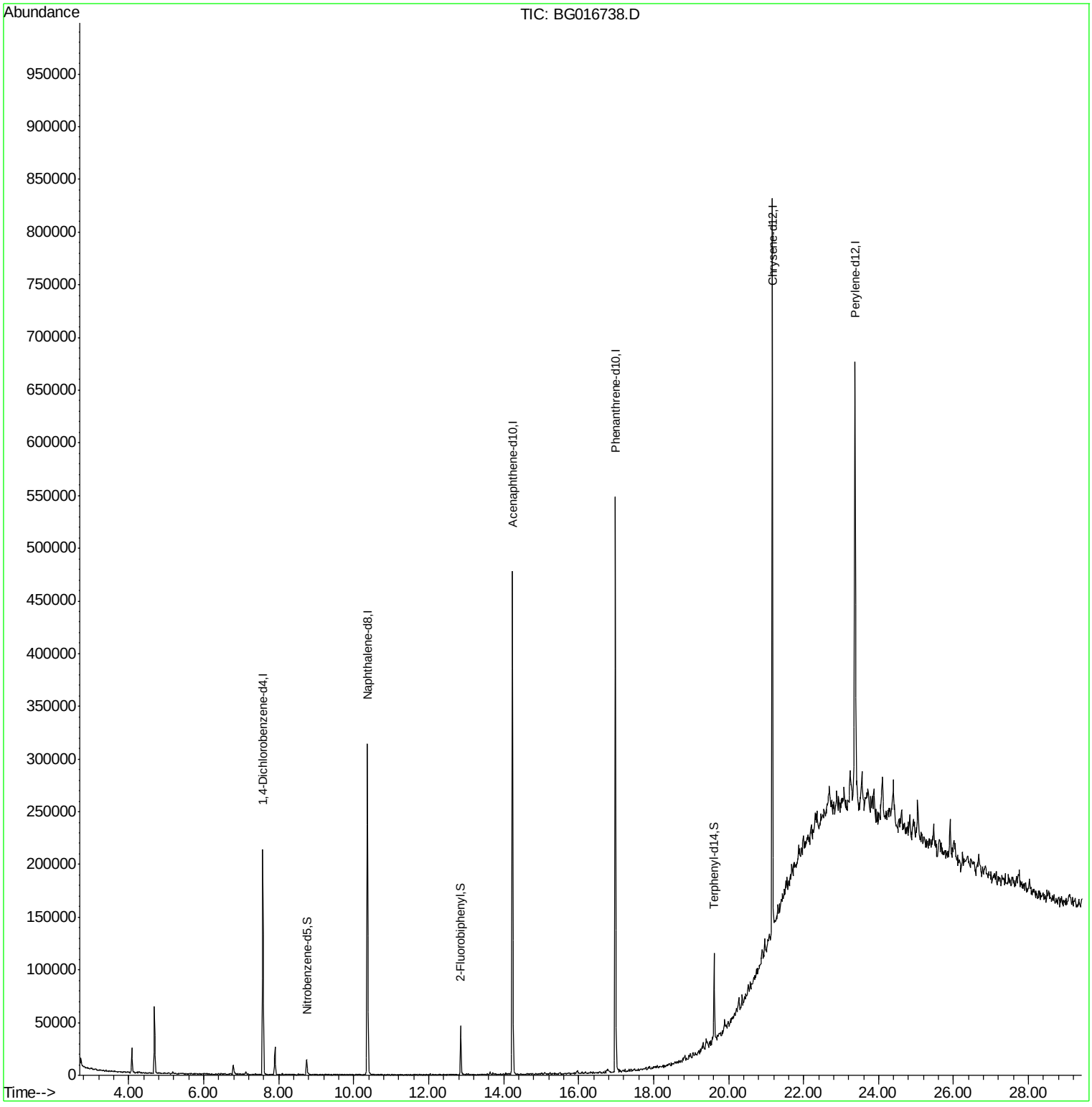
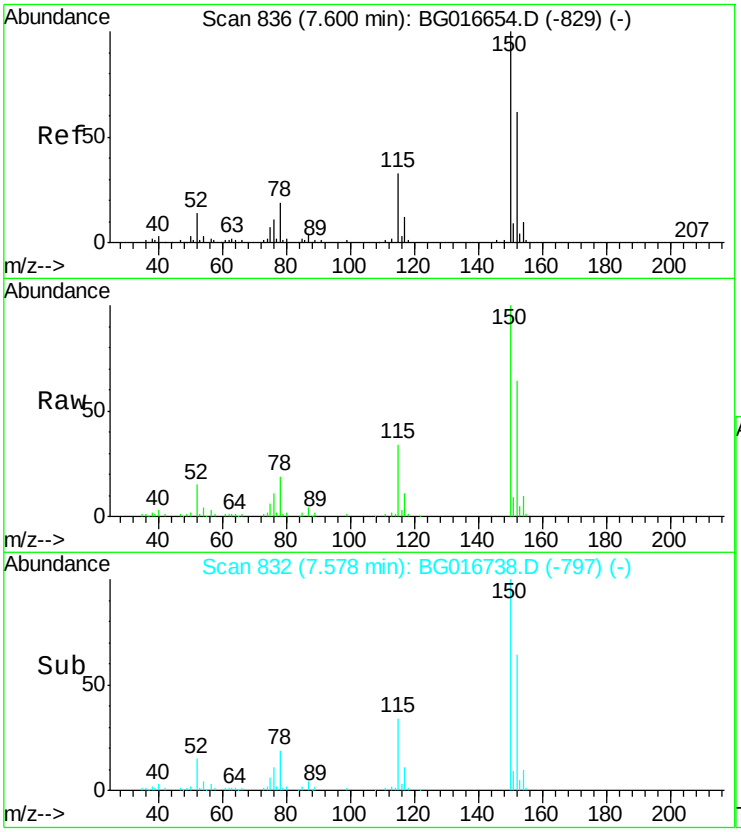


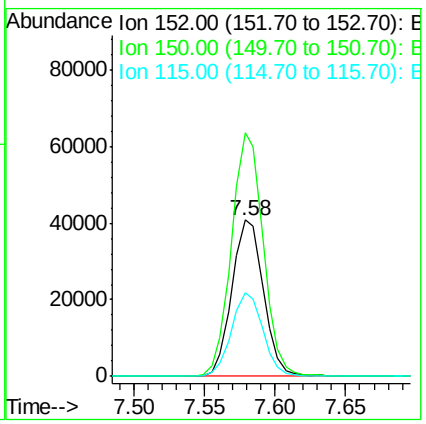


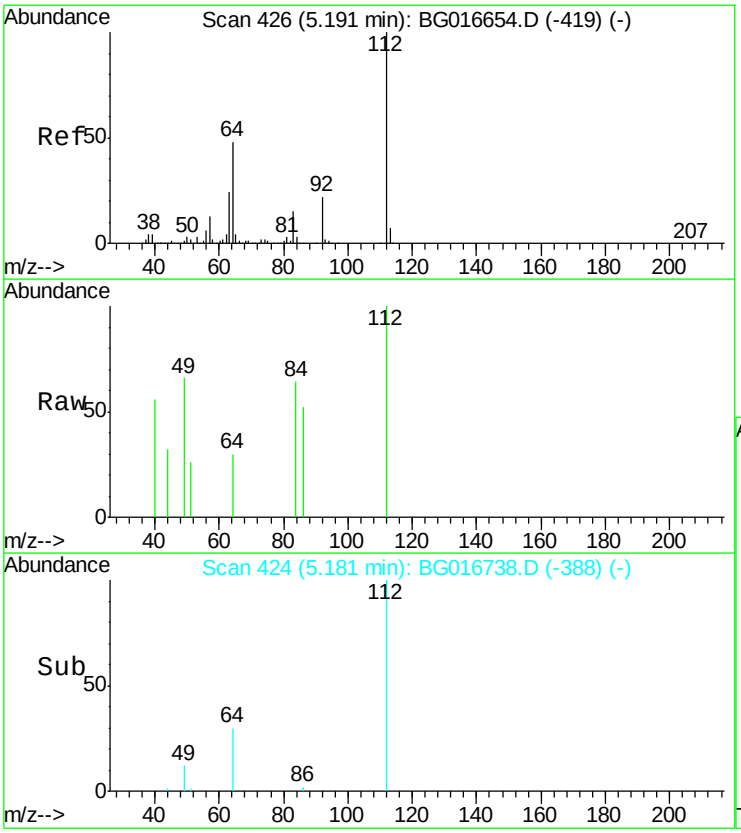
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.58 min Scan# 832
Delta R.T. 0.01 min
Lab File: BG016738.D
Acq: 27 Apr 2015 16:03

Instrument :
BNA_G
ClientSampleId :
PS-22(UNDERCONCRETE)RE

Tgt Ion:152 Resp: 63894

Ion	Ratio	Lower	Upper
152	100		
150	155.6	129.6	194.4
115	53.2	43.0	64.6

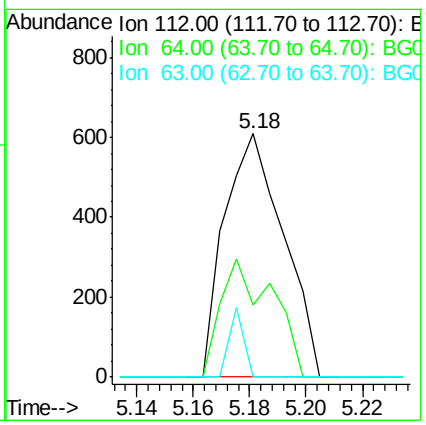


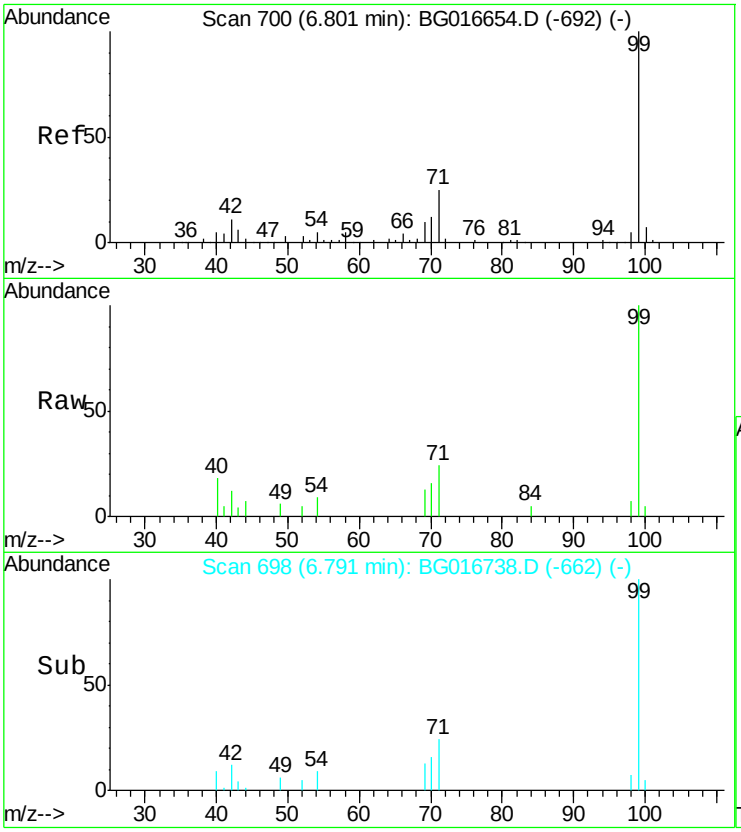


#5
2-Fluorophenol
Concen: 0.22 ng
RT: 5.18 min Scan# 424
Delta R.T. 0.01 min
Lab File: BG016738.D
Acq: 27 Apr 2015 16:03

Tgt Ion:112 Resp: 878

Ion	Ratio	Lower	Upper
112	100		
64	29.6	38.3	57.5#
63	0.0	18.9	28.3#



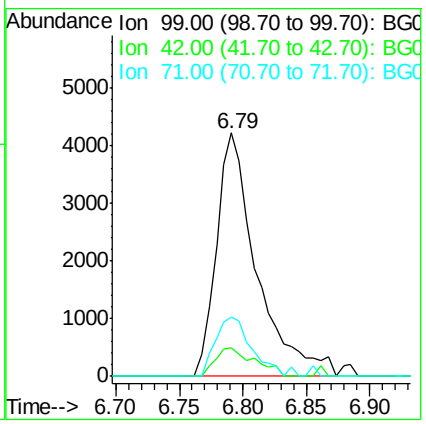


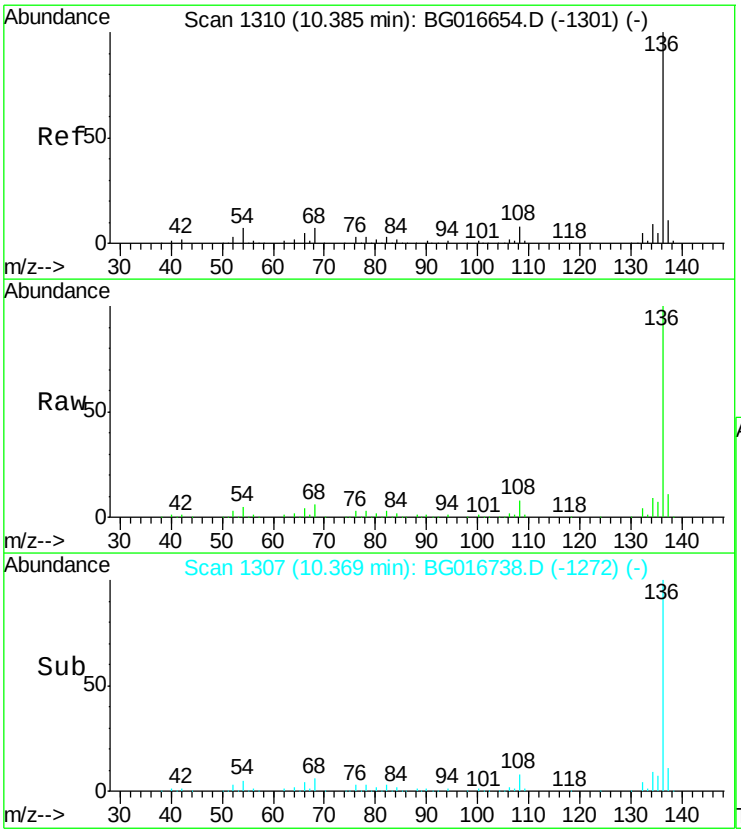
#7
Phenol-d6
Concen: 1.68 ng
RT: 6.79 min Scan# 698
Delta R.T. 0.01 min
Lab File: BG016738.D
Acq: 27 Apr 2015 16:03

Instrument :
BNA_G
ClientSampleId :
PS-22(UNDERCONCRETE)RE

Tgt Ion: 99 Resp: 9266

Ion	Ratio	Lower	Upper
99	100		
42	11.9	8.8	13.2
71	24.2	19.9	29.9

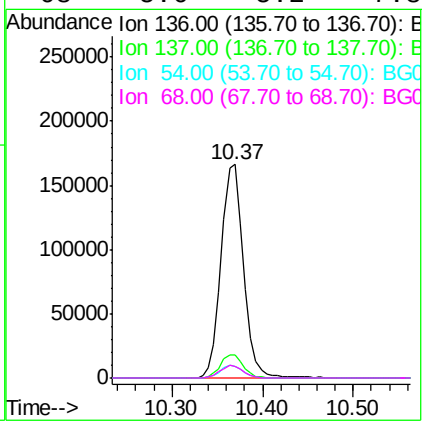


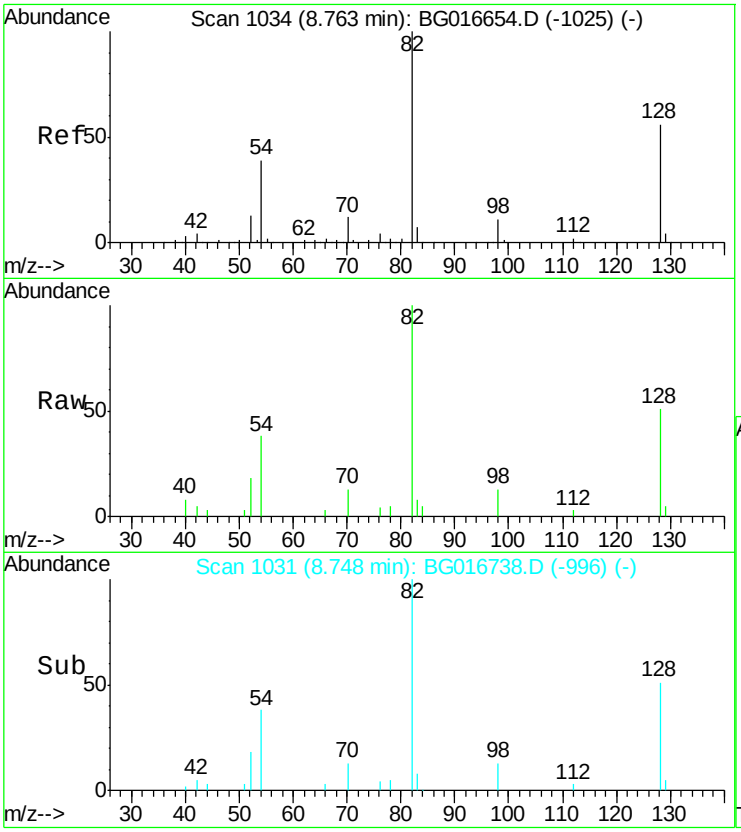


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.37 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BG016738.D
Acq: 27 Apr 2015 16:03

Tgt Ion:136 Resp: 286051

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	5.2	5.4	8.2#
68	5.6	5.2	7.8



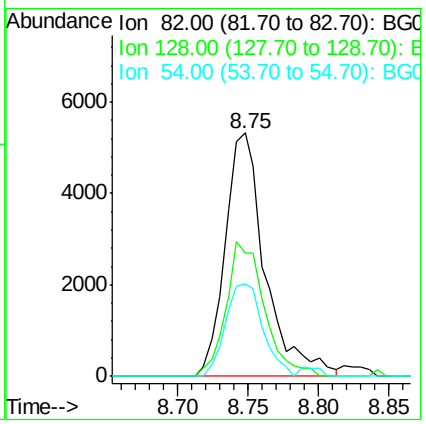


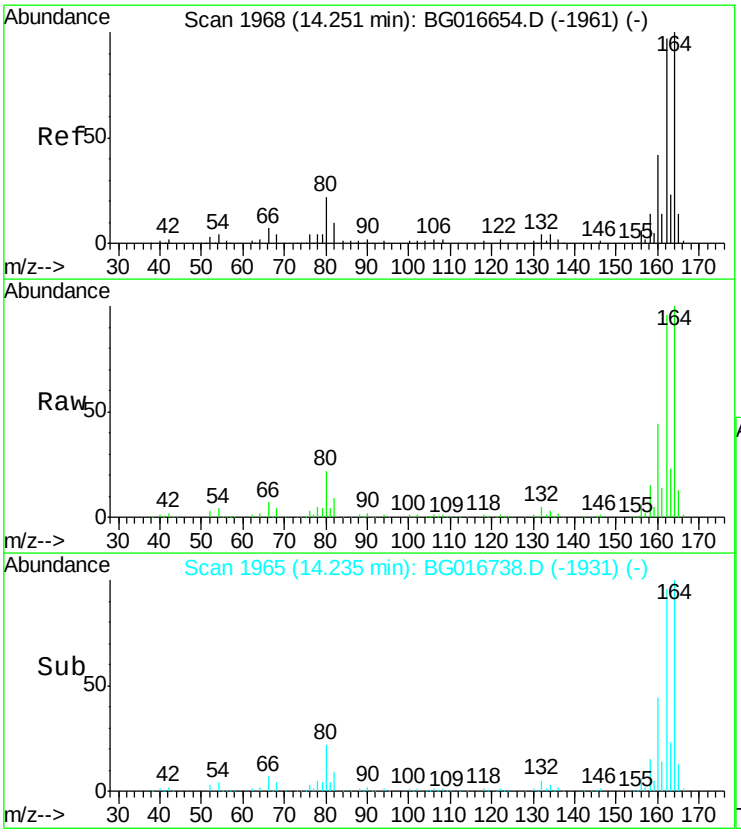
#23
Nitrobenzene-d5
Concen: 2.32 ng
RT: 8.75 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BG016738.D
Acq: 27 Apr 2015 16:03

Instrument :
BNA_G
ClientSampleId :
PS-22(UNDERCONCRETE)RE

Tgt Ion: 82 Resp: 10485

Ion	Ratio	Lower	Upper
82	100		
128	50.8	44.7	67.1
54	38.0	30.9	46.3

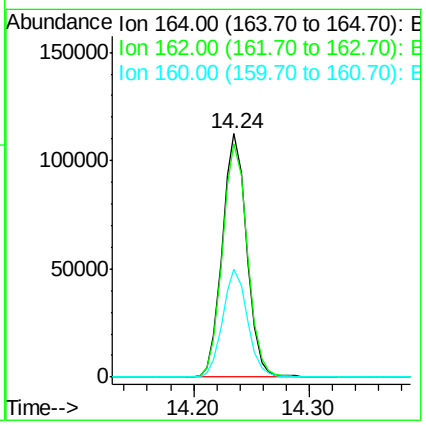


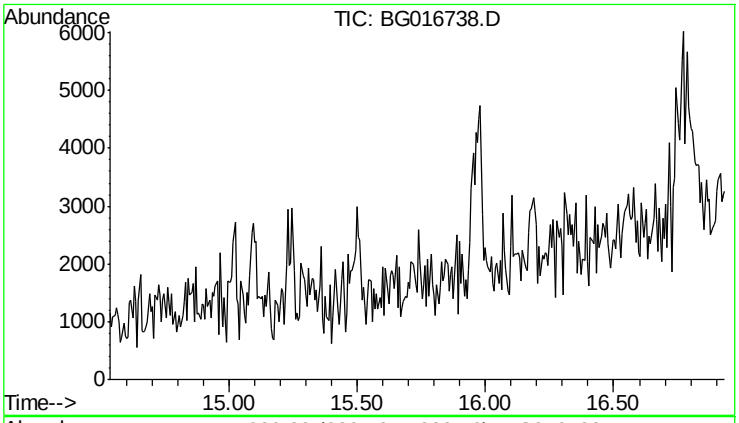


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.24 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG016738.D
Acq: 27 Apr 2015 16:03

Tgt Ion:164 Resp: 164246

Ion	Ratio	Lower	Upper
164	100		
162	95.9	77.3	115.9
160	44.3	33.7	50.5





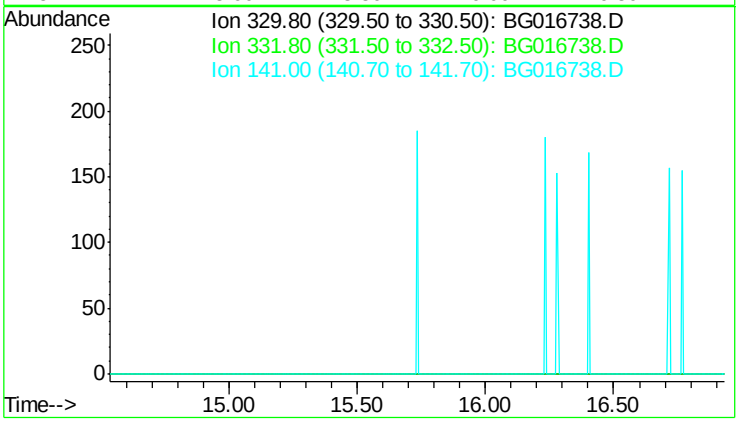
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 15.73 min

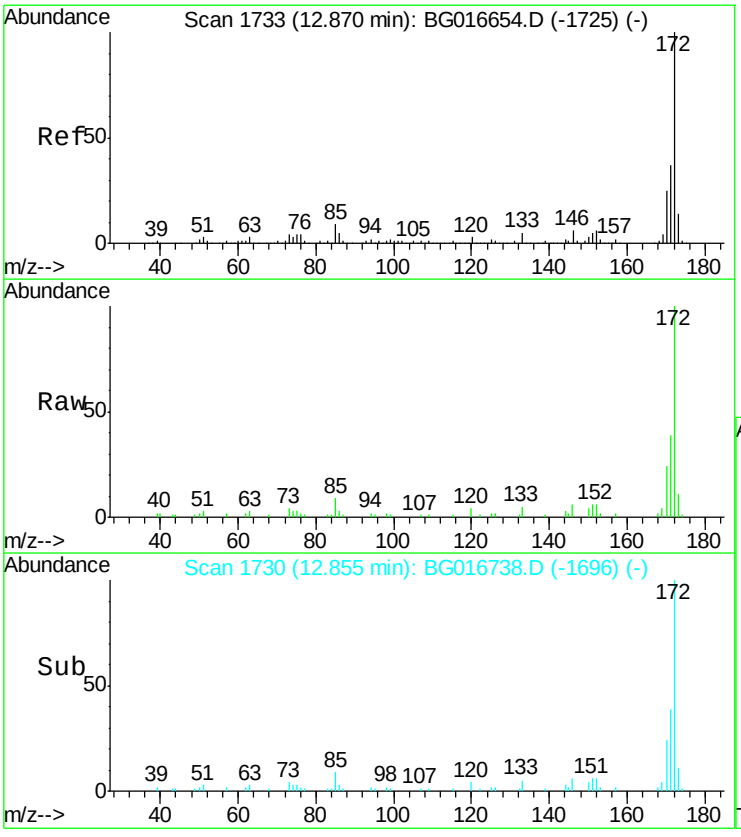
Lab File: BG016738.D
Acq: 27 Apr 2015 16:03

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.3
141	53.8

Instrument :
BNA_G
ClientSampleId :
PS-22(UNDERCONCRETE)RE

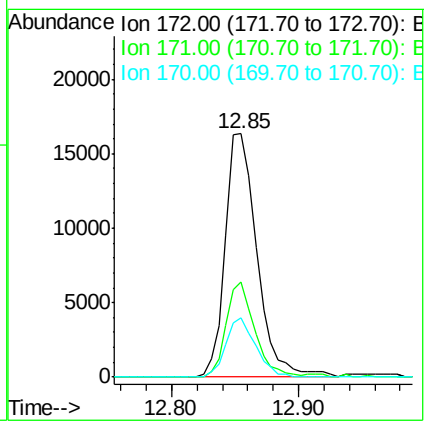


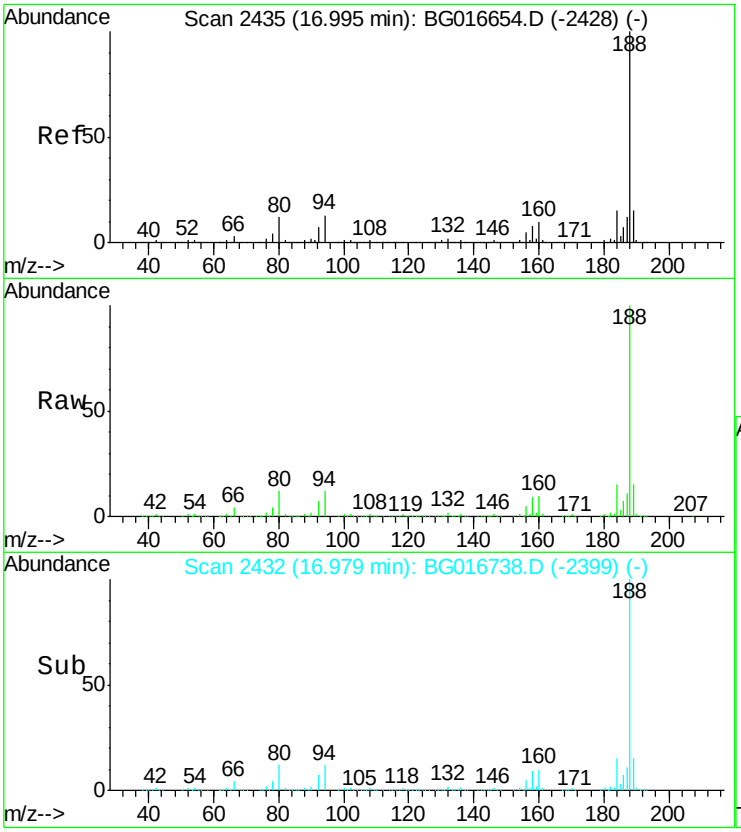


#44
2-Fluorobiphenyl
Concen: 2.77 ng
RT: 12.85 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG016738.D
Acq: 27 Apr 2015 16:03

Tgt Ion:172 Resp: 28328

Ion	Ratio	Lower	Upper
172	100		
171	39.3	29.9	44.9
170	24.4	19.8	29.8



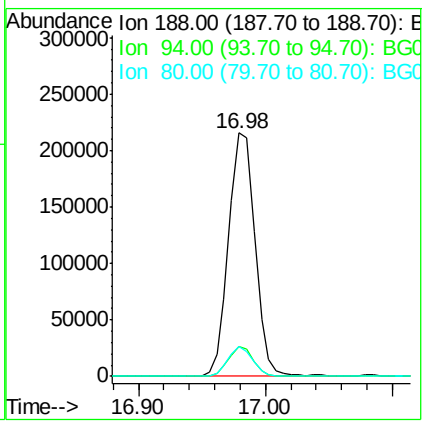


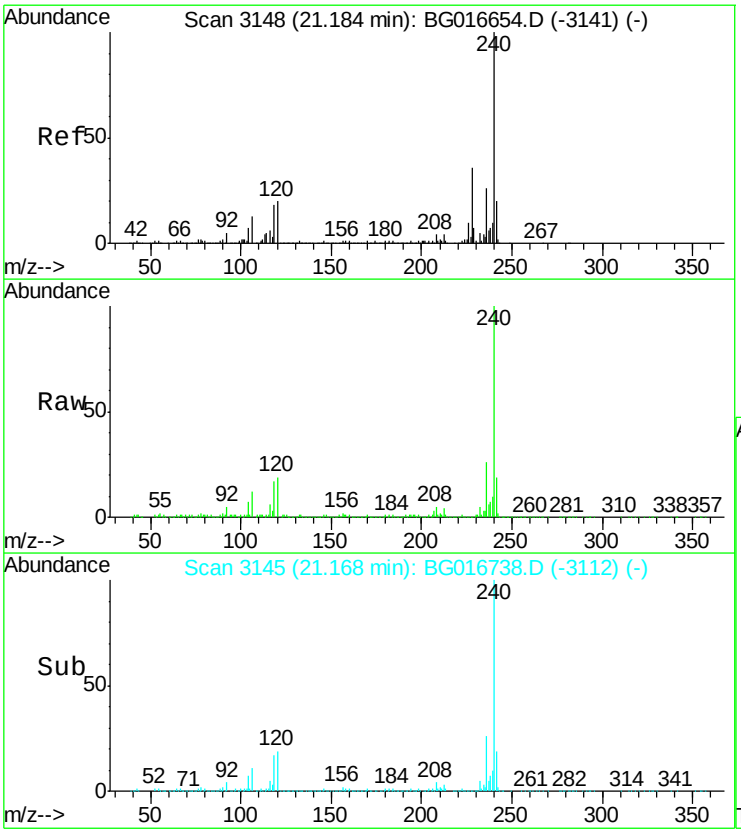
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.98 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG016738.D
Acq: 27 Apr 2015 16:03

Instrument :
BNA_G
ClientSampleId :
PS-22(UNDERCONCRETE)RE

Tgt Ion:188 Resp: 311994

Ion	Ratio	Lower	Upper
188	100		
94	12.2	10.7	16.1
80	12.4	9.9	14.9

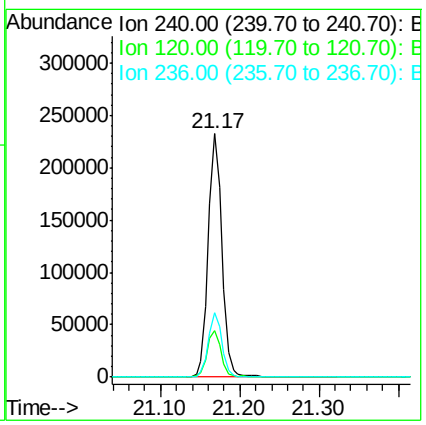


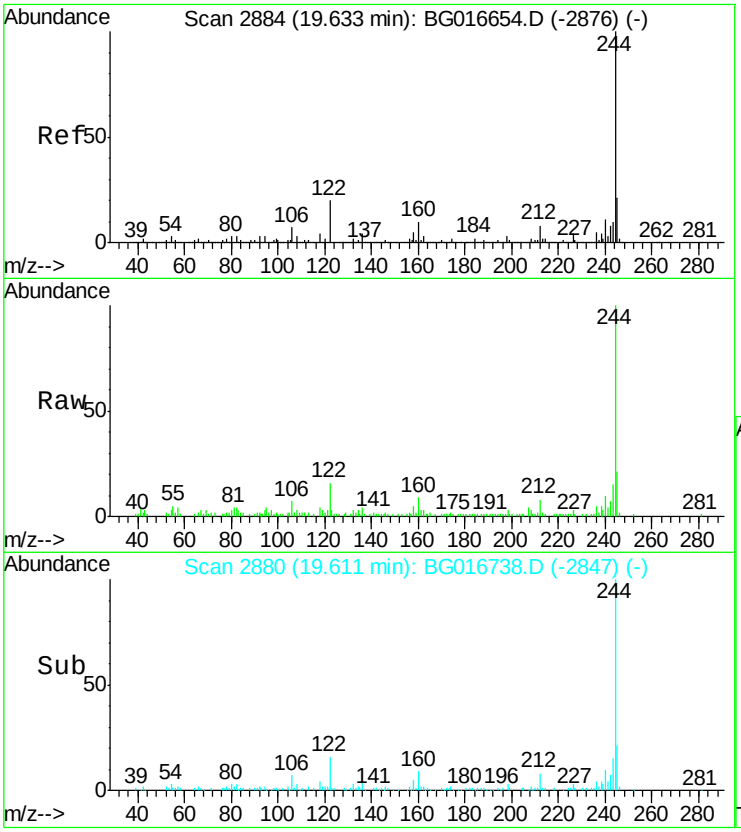


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.17 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG016738.D
Acq: 27 Apr 2015 16:03

Tgt Ion:240 Resp: 281213

Ion	Ratio	Lower	Upper
240	100		
120	18.9	16.3	24.5
236	26.5	21.1	31.7



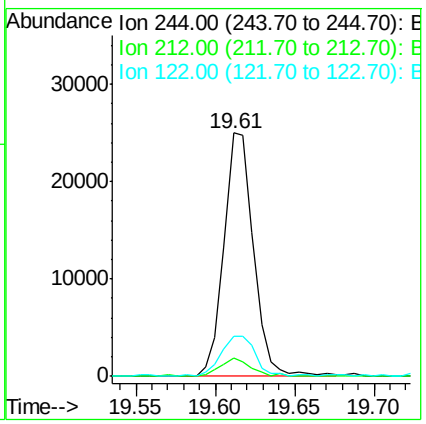


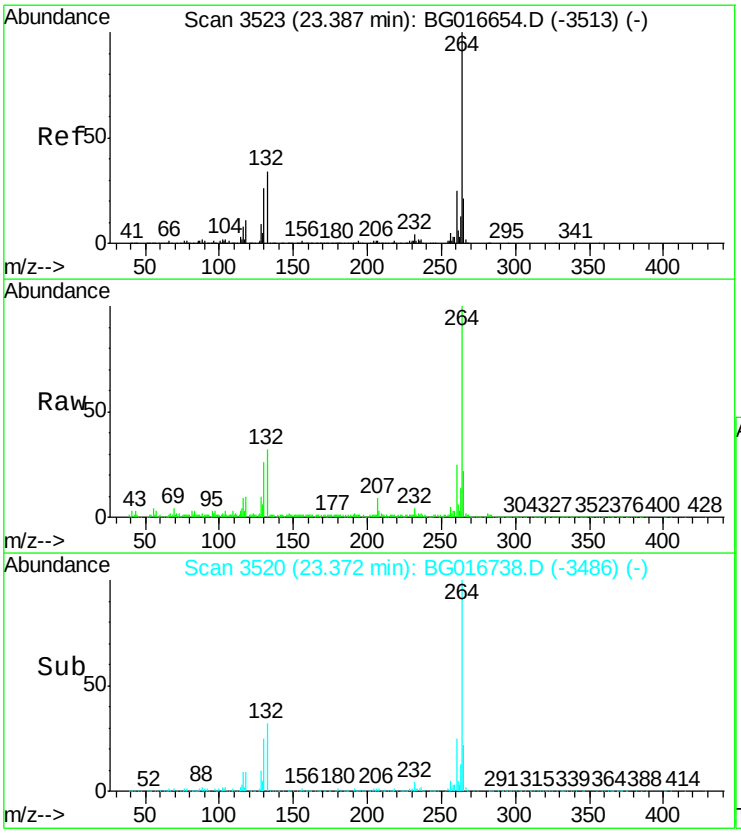
#78
Terphenyl-d14
Concen: 2.65 ng
RT: 19.61 min Scan# 2880
Delta R.T. -0.01 min
Lab File: BG016738.D
Acq: 27 Apr 2015 16:03

Instrument :
BNA_G
ClientSampleId :
PS-22(UNDERCONCRETE)RE

Tgt Ion:244 Resp: 32407

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	16.3	15.9	23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.37 min Scan# 3520
Delta R.T. -0.00 min
Lab File: BG016738.D
Acq: 27 Apr 2015 16:03

Tgt Ion:264 Resp: 271984

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.0	30.0
265	22.4	16.8	25.2