Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021673.D
Acq On : 15 Apr 2016 4:29
Operator : UM/SJ
Sample : PB89725BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB89725BL

Quant Time: Apr 15 05:39:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	27762	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	130839	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	92766	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	218022	20.00	ng	0.00
75) Chrysene-d12	21.83	240	240115	20.00	ng	0.00
86) Perylene-d12	25.16	264	232034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	238135	142.84	ng	0.01
7) Phenol-d6	7.37	99	355325	142.69	ng	0.01
23) Nitrobenzene-d5	9.38	82	205268	80.64	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	141214	141.24	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	514029	81.19	ng	0.00
78) Terphenyl-d14	20.14	244	781874	81.25	ng	0.00
Target Compounds						Qvalue

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

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Sample : PB89725BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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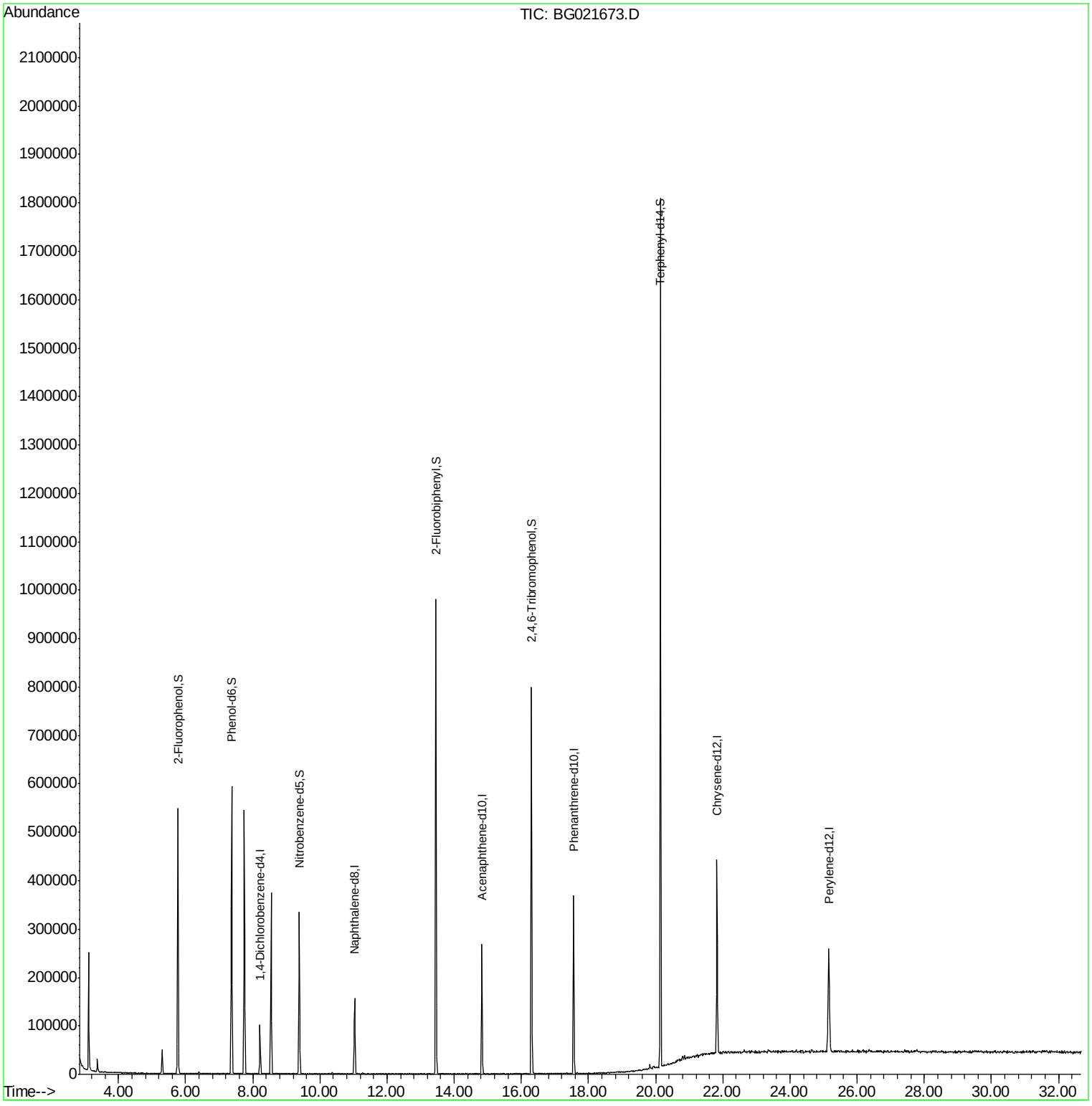
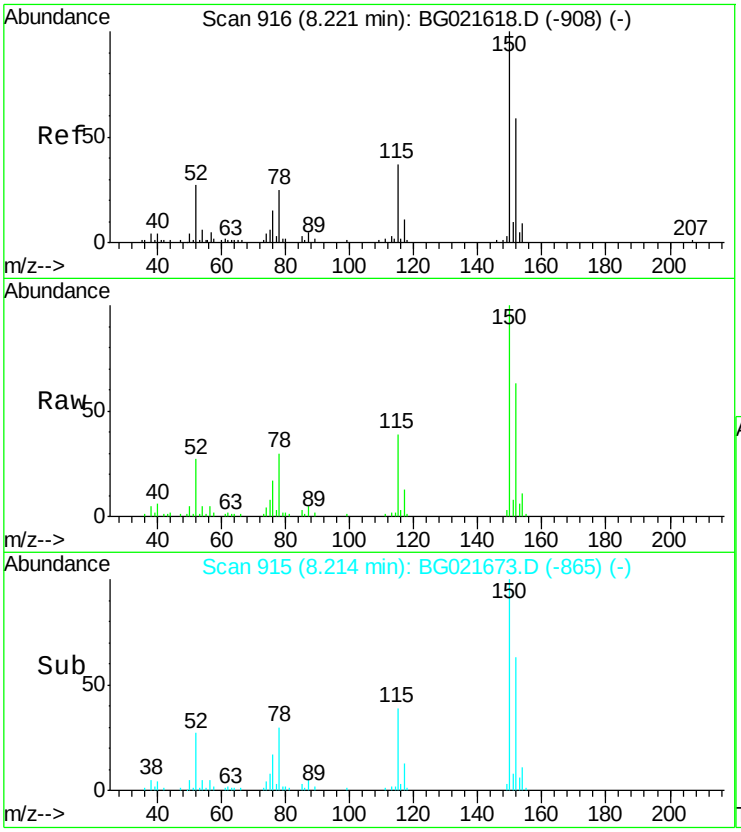


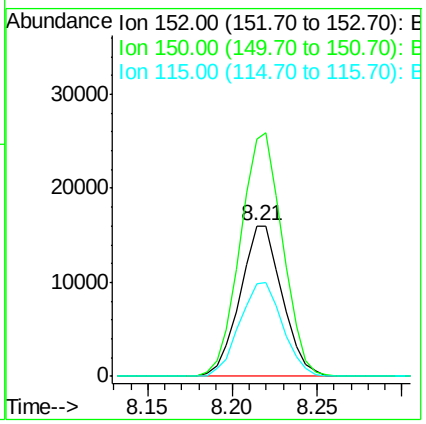


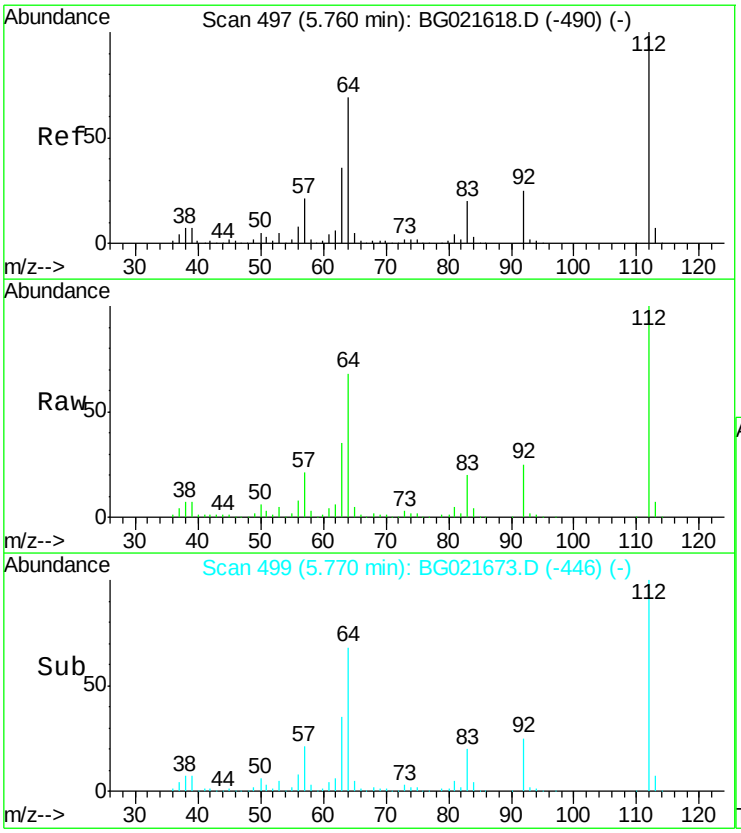
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG021673.D
Acq: 15 Apr 2016 4:29

Instrument :
BNA_G
ClientSampleId :
PB89725BL

Tgt Ion:152 Resp: 27762

Ion	Ratio	Lower	Upper
152	100		
150	158.0	130.1	195.1
115	61.2	62.2	93.2#

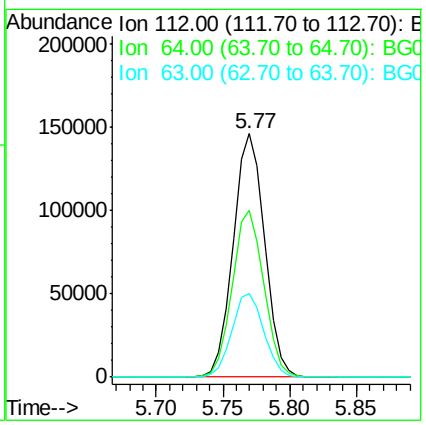


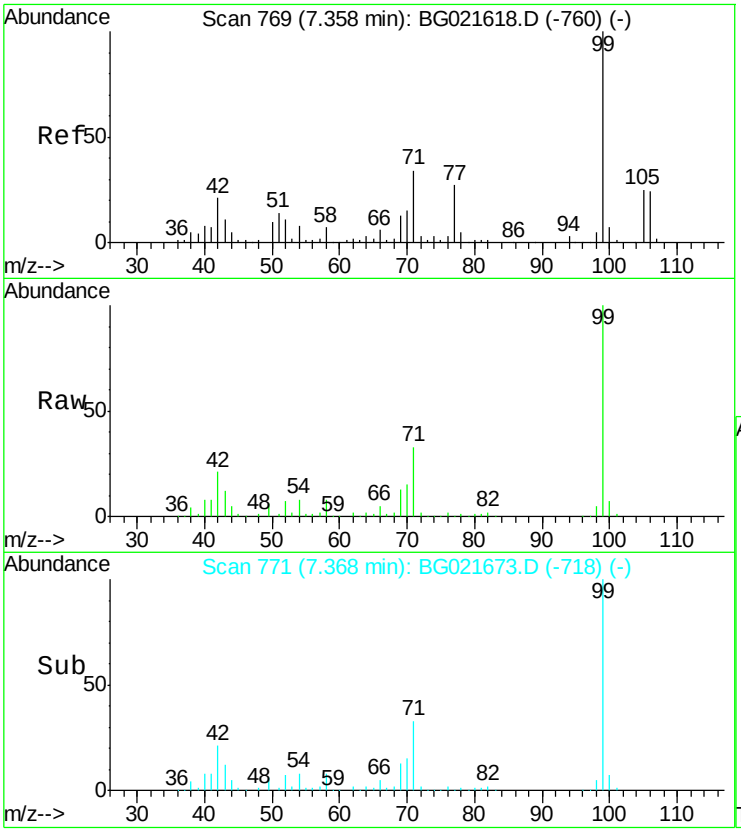


#5
2-Fluorophenol
Concen: 142.84 ng
RT: 5.77 min Scan# 499
Delta R.T. 0.01 min
Lab File: BG021673.D
Acq: 15 Apr 2016 4:29

Tgt Ion:112 Resp: 238135

Ion	Ratio	Lower	Upper
112	100		
64	68.3	51.1	76.7
63	34.5	24.6	37.0



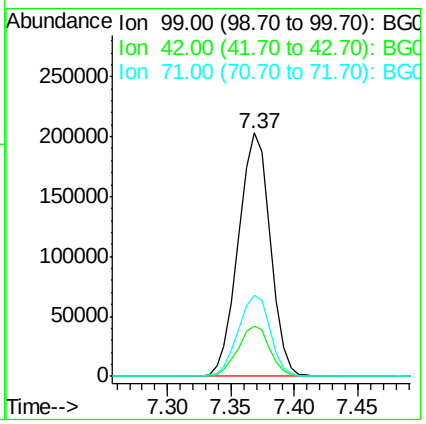


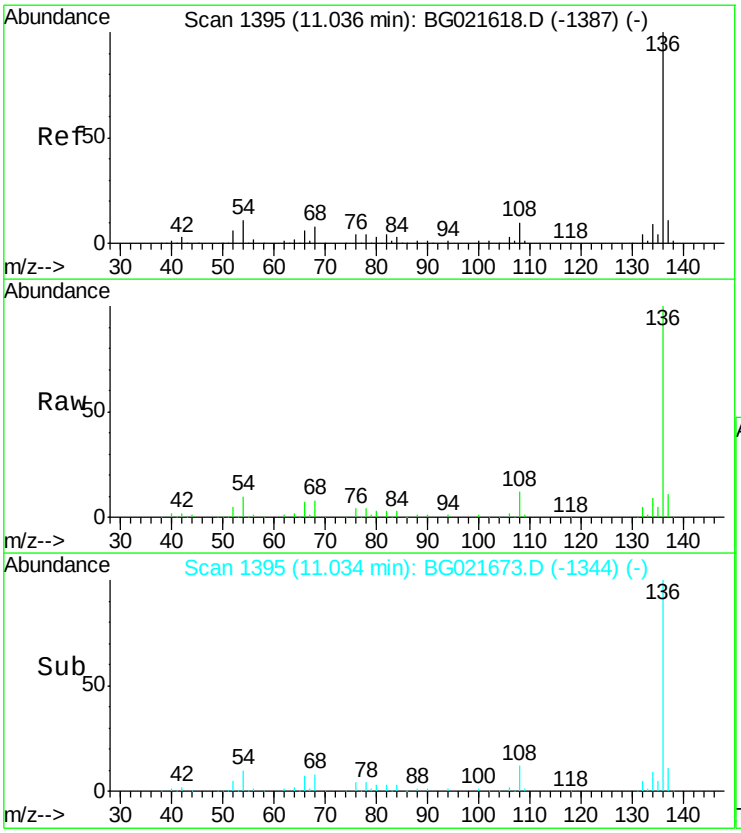
#7
Phenol-d6
Concen: 142.69 ng
RT: 7.37 min Scan# 771
Delta R.T. 0.01 min
Lab File: BG021673.D
Acq: 15 Apr 2016 4:29

Instrument :
BNA_G
ClientSampleId :
PB89725BL

Tgt Ion: 99 Resp: 355325

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.4	24.6
71	33.2	25.0	37.4

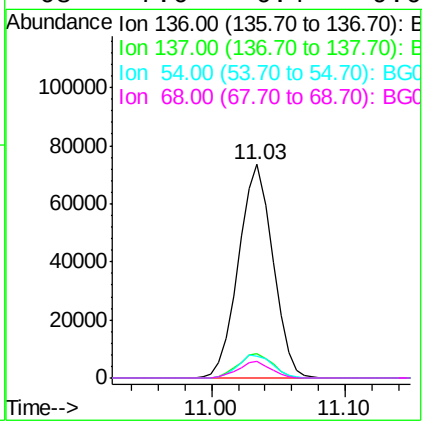


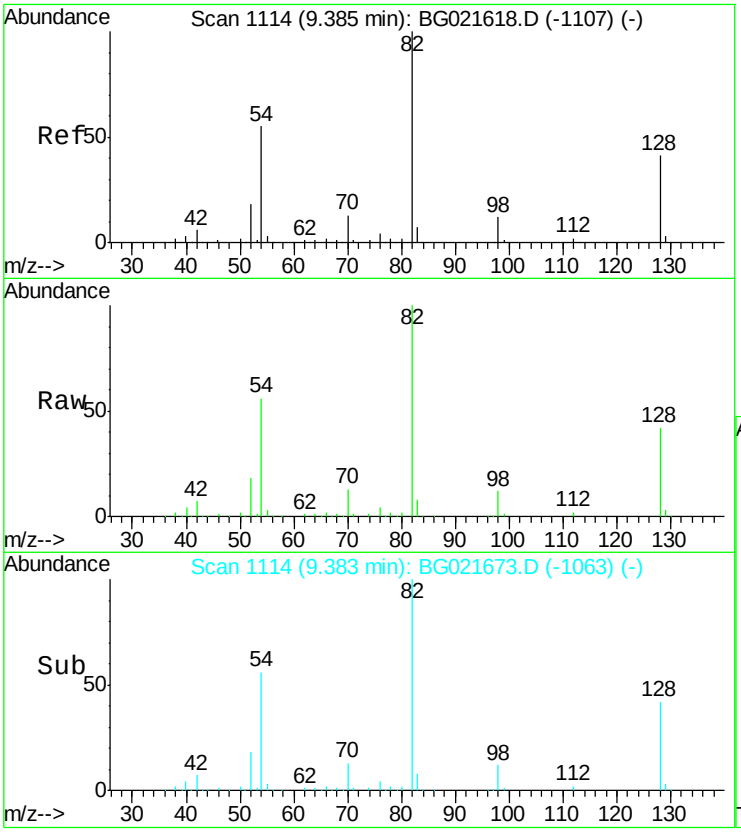


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021673.D
Acq: 15 Apr 2016 4:29

Tgt Ion:136 Resp: 130839

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	10.5	9.6	14.4
68	7.6	6.4	9.6



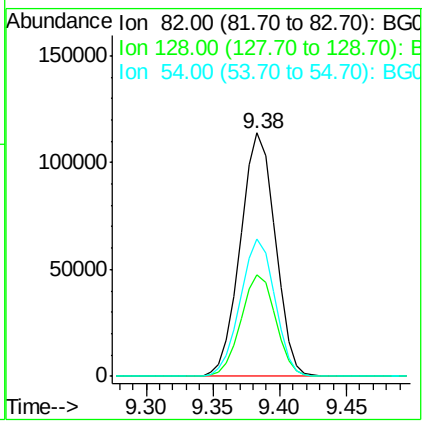


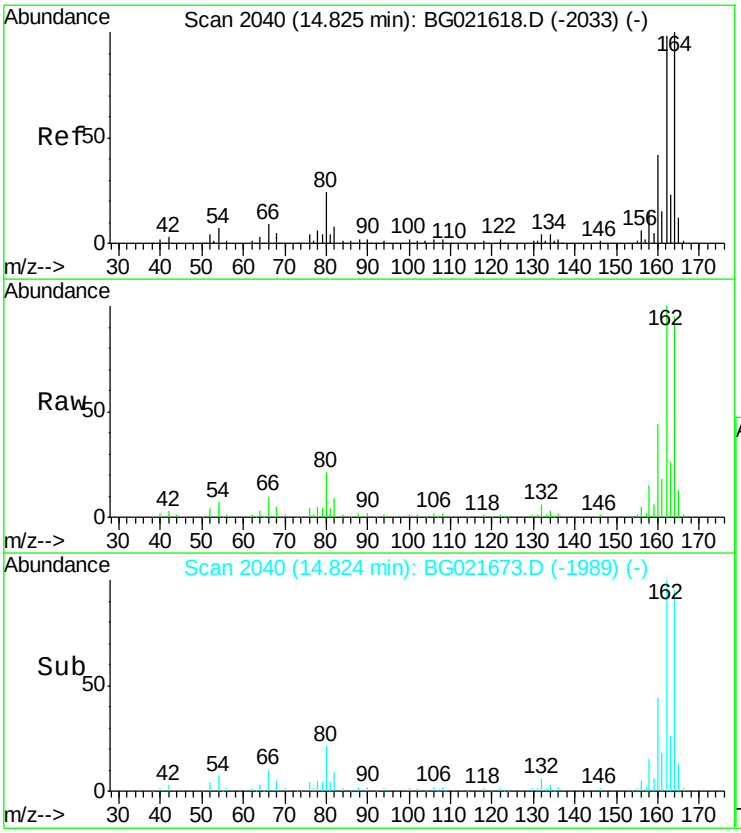
#23
Nitrobenzene-d5
Concen: 80.64 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021673.D
Acq: 15 Apr 2016 4:29

Instrument :
BNA_G
ClientSampleId :
PB89725BL

Tgt Ion: 82 Resp: 205268

Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.4	50.0
54	56.2	46.1	69.1

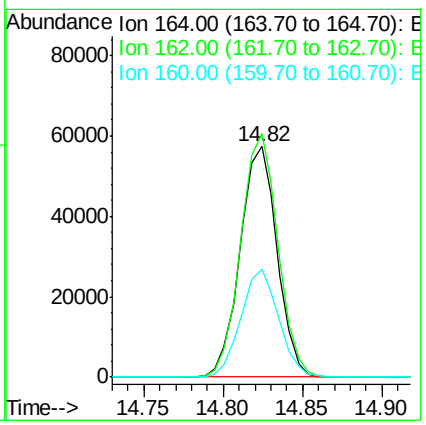


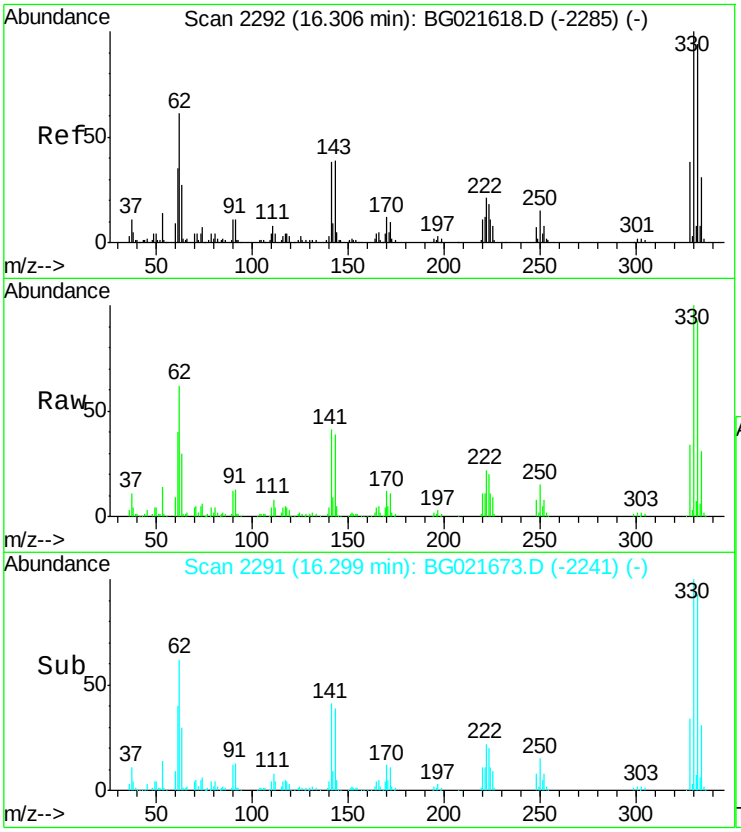


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021673.D
Acq: 15 Apr 2016 4:29

Tgt Ion:164 Resp: 92766

Ion	Ratio	Lower	Upper
164	100		
162	105.5	78.0	117.0
160	46.9	32.9	49.3



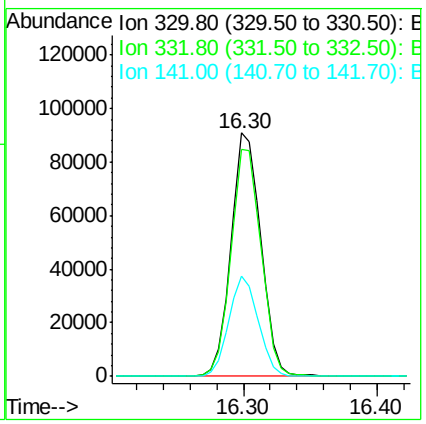


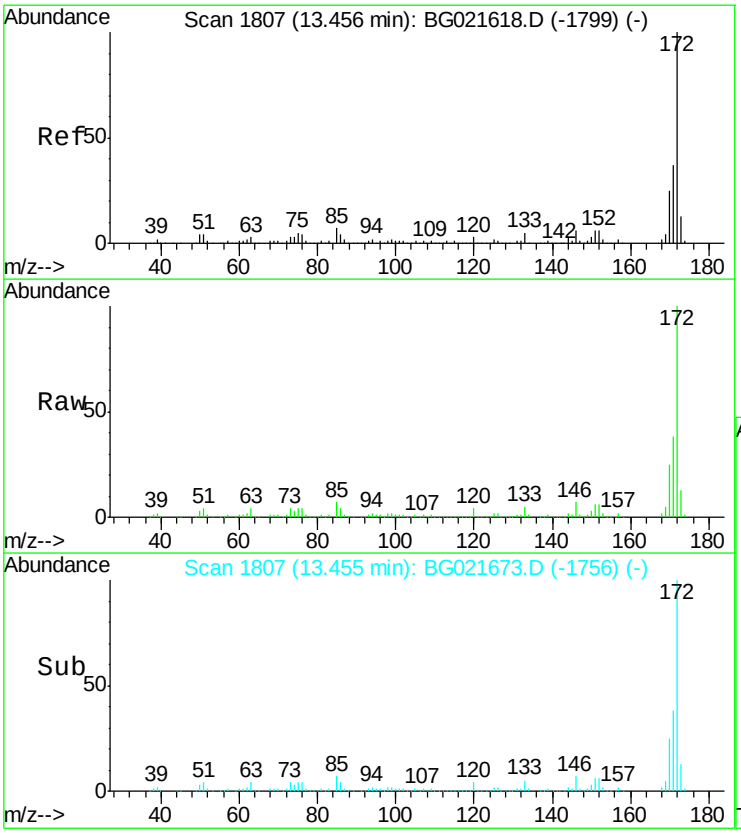
#41
2,4,6-Tribromophenol
Concen: 141.24 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG021673.D
Acq: 15 Apr 2016 4:29

Instrument :
BNA_G
ClientSampleId :
PB89725BL

Tgt Ion:330 Resp: 141214

Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.0	117.0
141	40.9	33.8	50.8

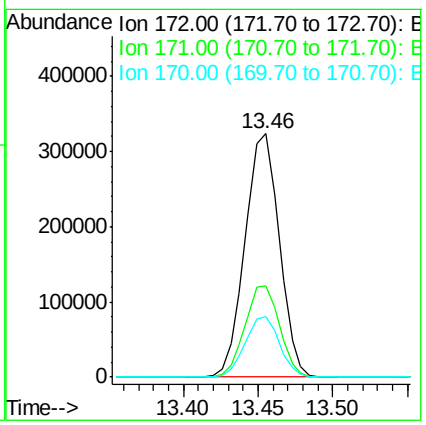


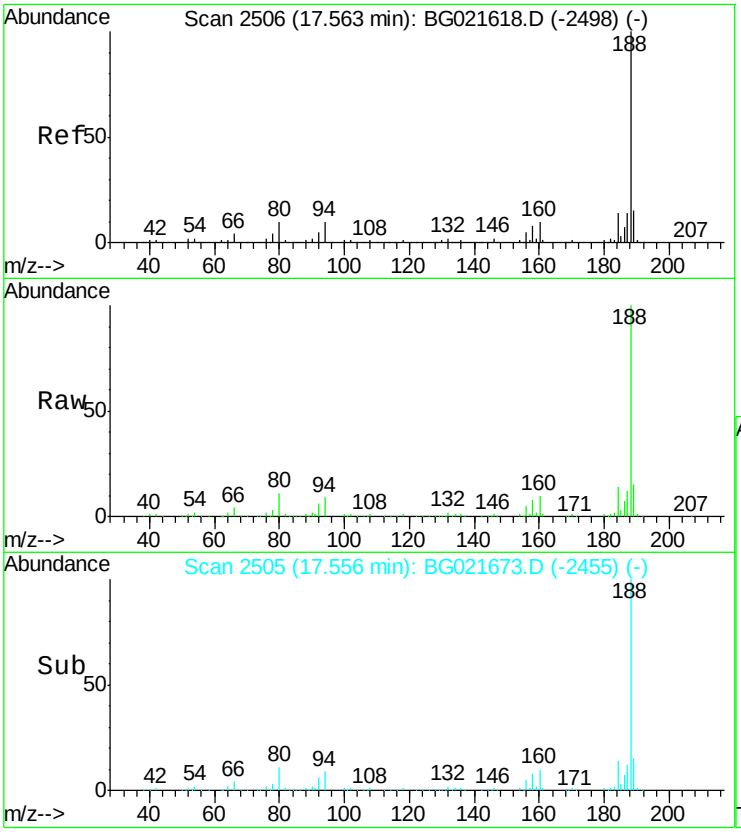


#44
2-Fluorobiphenyl
Concen: 81.19 ng
RT: 13.46 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG021673.D
Acq: 15 Apr 2016 4:29

Tgt Ion:172 Resp: 514029

Ion	Ratio	Lower	Upper
172	100		
171	37.5	27.8	41.6
170	25.1	19.6	29.4



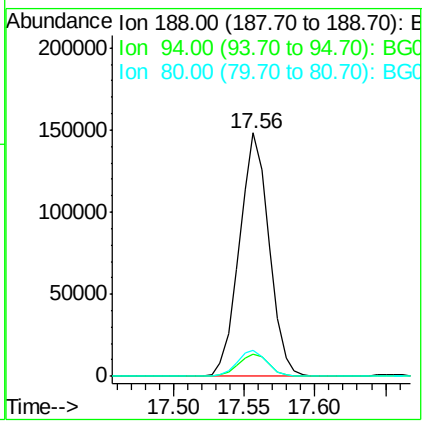


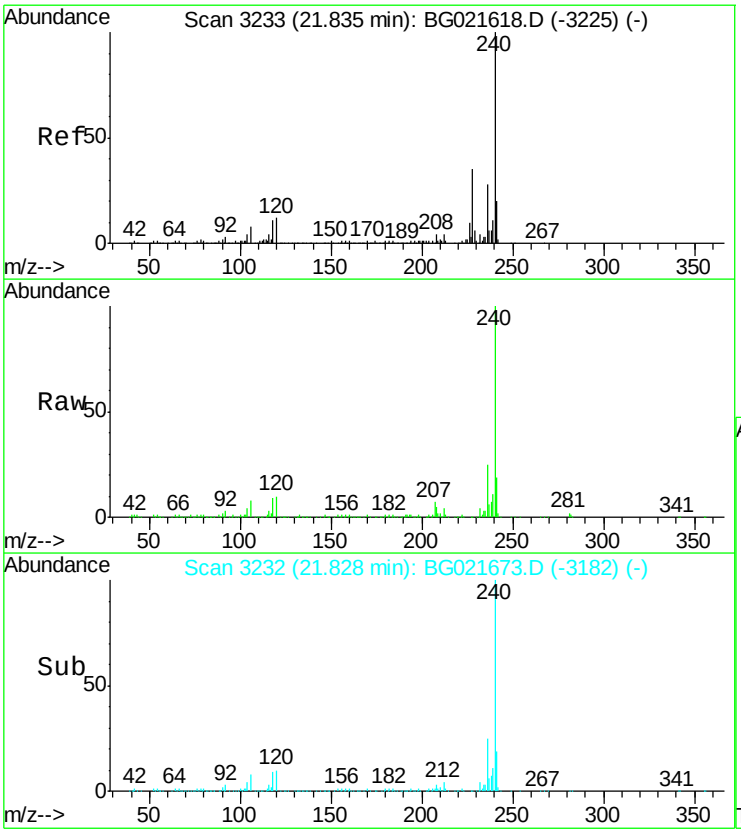
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021673.D
Acq: 15 Apr 2016 4:29

Instrument :
BNA_G
ClientSampleId :
PB89725BL

Tgt Ion:188 Resp: 218022

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.5	11.3
80	10.8	8.6	13.0

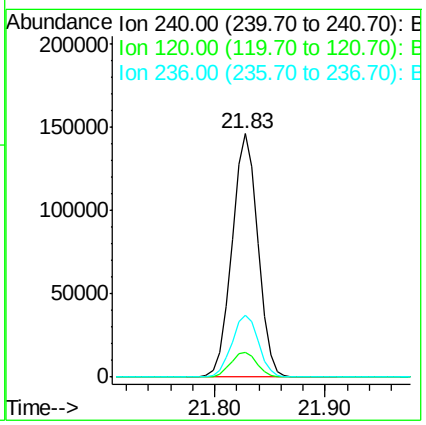


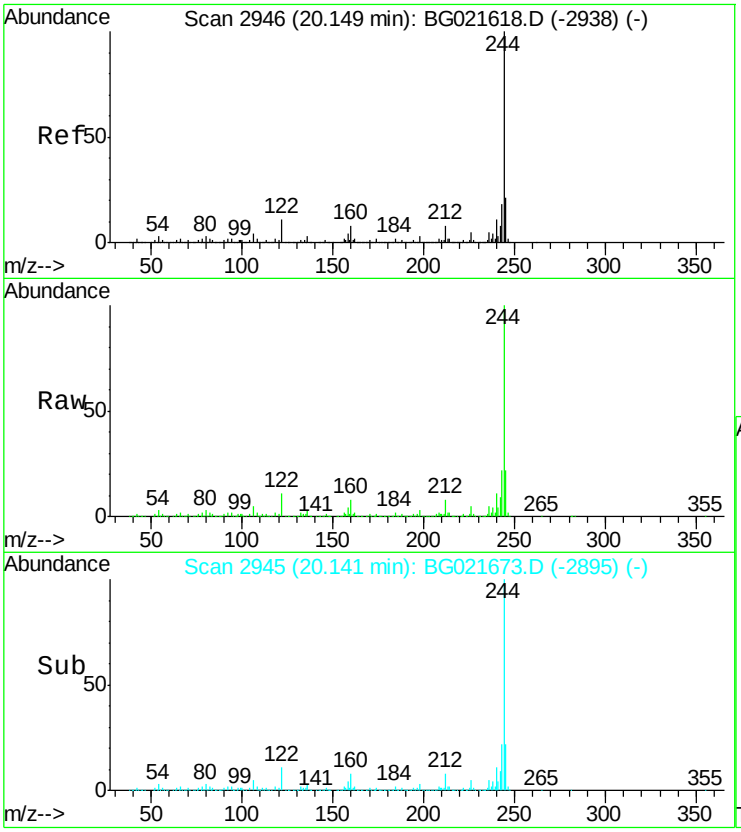


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021673.D
Acq: 15 Apr 2016 4:29

Tgt Ion:240 Resp: 240115

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.4	12.6
236	25.4	19.6	29.4



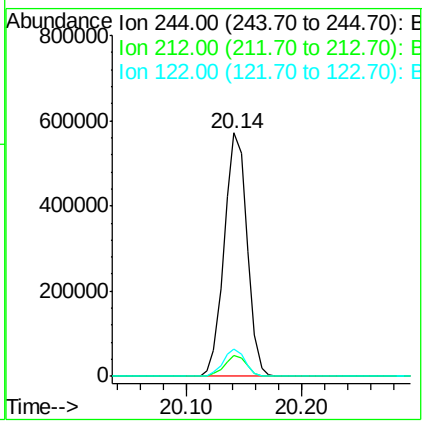


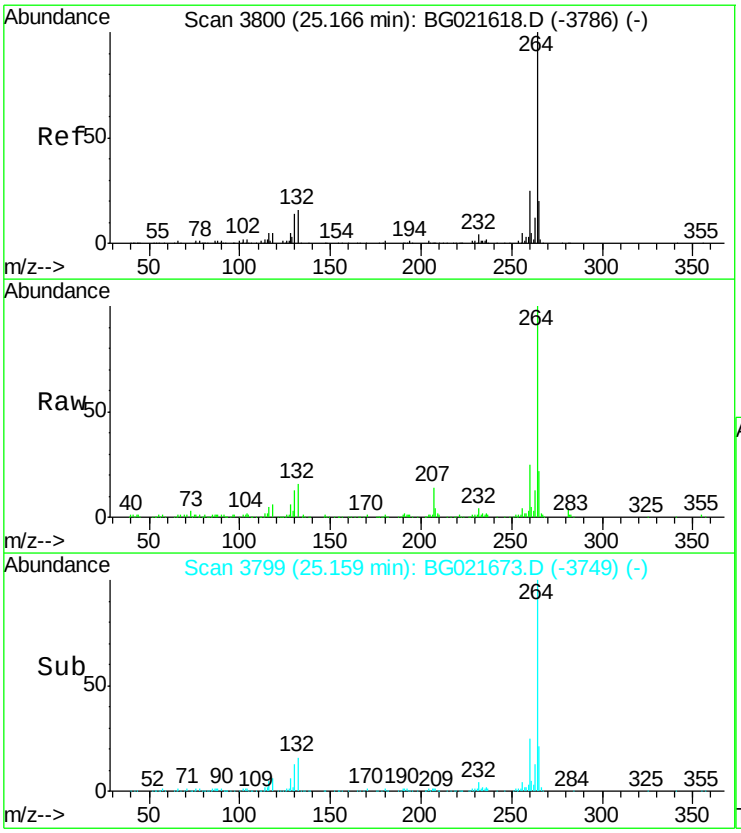
#78
Terphenyl-d14
Concen: 81.25 ng
RT: 20.14 min Scan# 2945
Delta R.T. -0.01 min
Lab File: BG021673.D
Acq: 15 Apr 2016 4:29

Instrument :
BNA_G
ClientSampleId :
PB89725BL

Tgt Ion:244 Resp: 781874

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.2	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BG021673.D
Acq: 15 Apr 2016 4:29

Tgt Ion:264 Resp: 232034

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.4
265	21.7	17.8	26.8