Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021671.D
Acq On : 15 Apr 2016 3:10
Operator : UM/SJ
Sample : H2517-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0571

Quant Time: Apr 15 04:22:14 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	8.22	152	29842	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	145050	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	99511	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	223827	20.00	ng	0.00
75) Chrysene-d12	21.83	240	242964	20.00	ng	0.00
86) Perylene-d12	25.16	264	230885	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	124973	69.74	ng	0.00
7) Phenol-d6	7.36	99	128791	48.11	ng	0.00
23) Nitrobenzene-d5	9.39	82	288476	102.22	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	171778	160.17	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	684990	100.86	ng	0.00
78) Terphenyl-d14	20.14	244	921021	94.59	ng	0.00
Target Compounds						Qvalue

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

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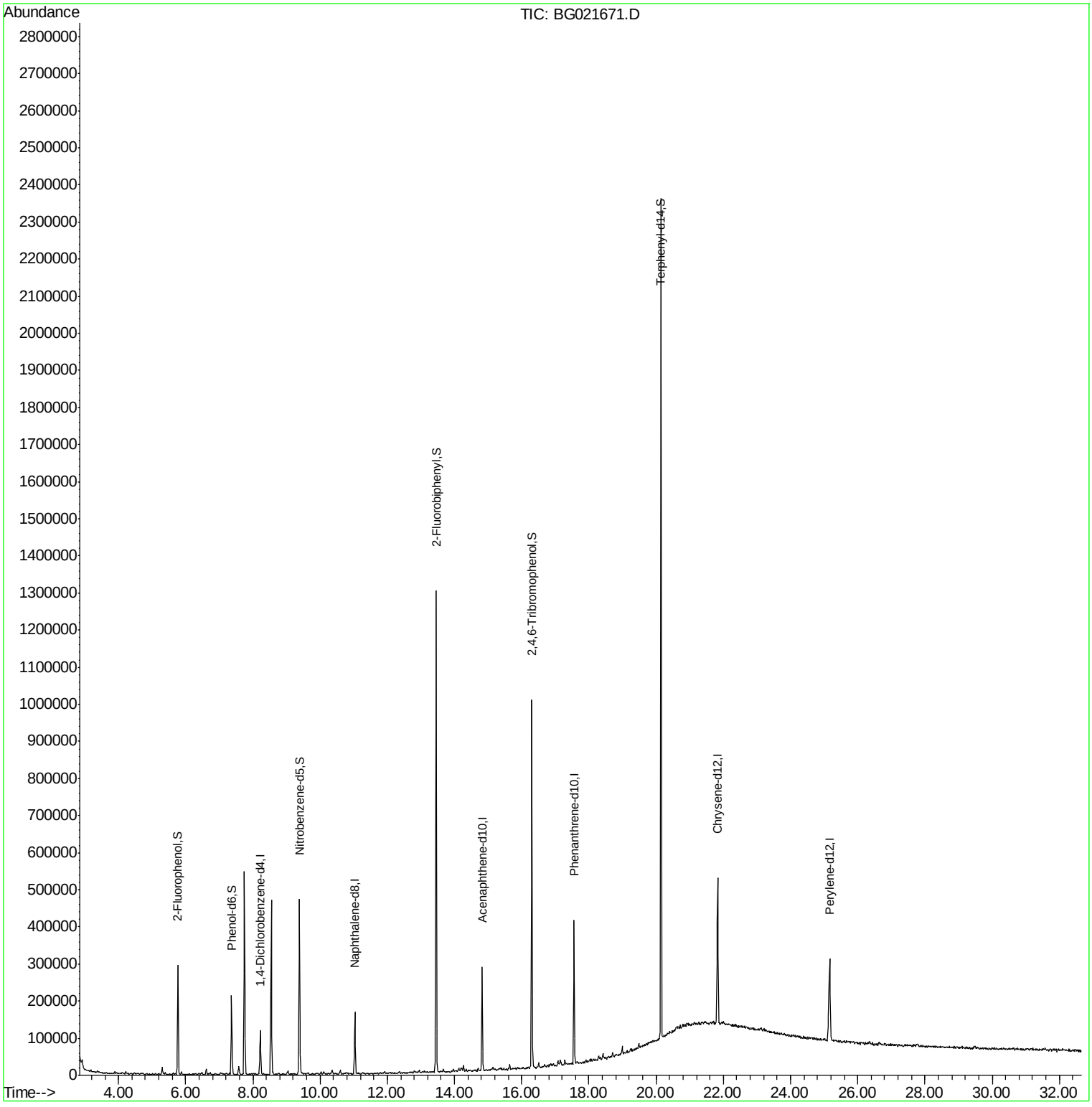
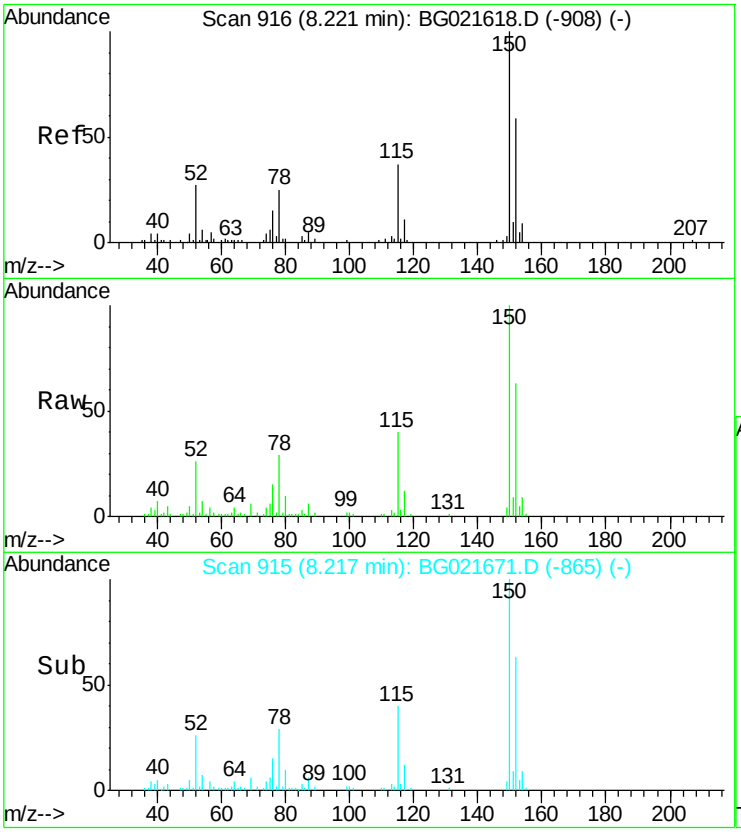


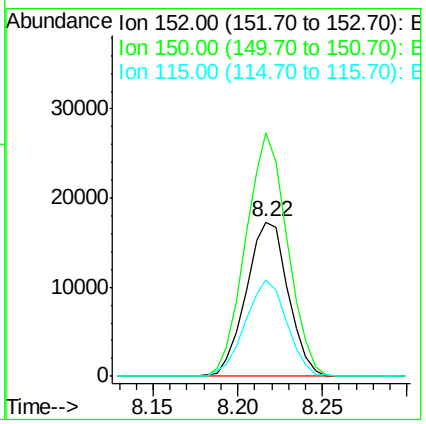


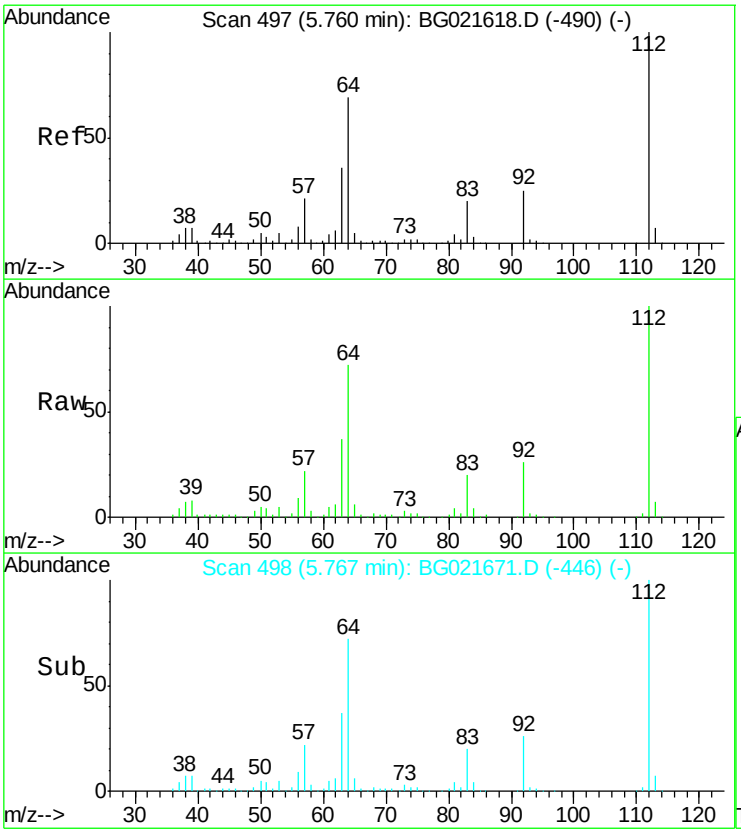
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG021671.D
Acq: 15 Apr 2016 3:10

Instrument :
BNA_G
ClientSampleId :
S8-0571

Tgt Ion:152 Resp: 29842

Ion	Ratio	Lower	Upper
152	100		
150	158.0	130.1	195.1
115	62.9	62.2	93.2

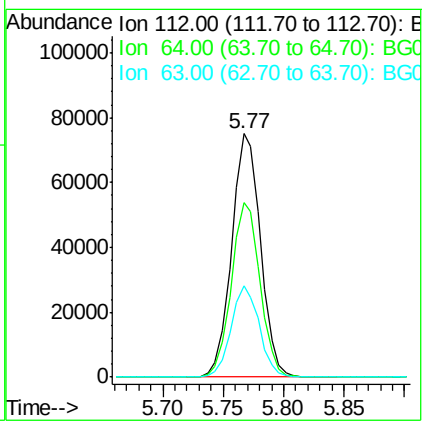


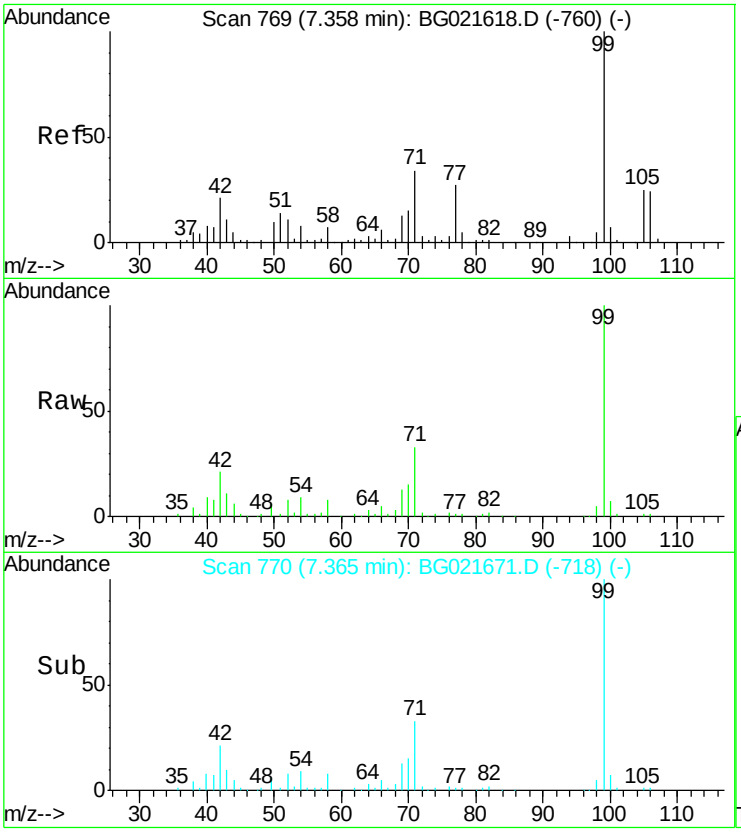


#5
2-Fluorophenol
Concen: 69.74 ng
RT: 5.77 min Scan# 498
Delta R.T. 0.01 min
Lab File: BG021671.D
Acq: 15 Apr 2016 3:10

Tgt Ion:112 Resp: 124973

Ion	Ratio	Lower	Upper
112	100		
64	71.6	51.1	76.7
63	37.5	24.6	37.0#



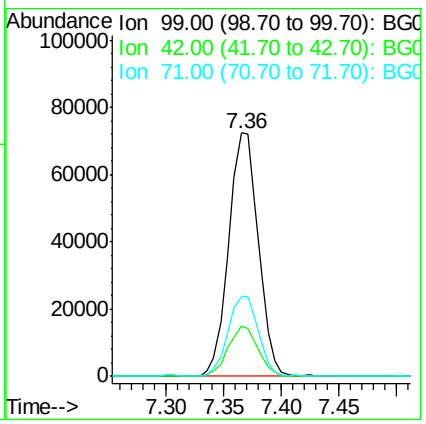


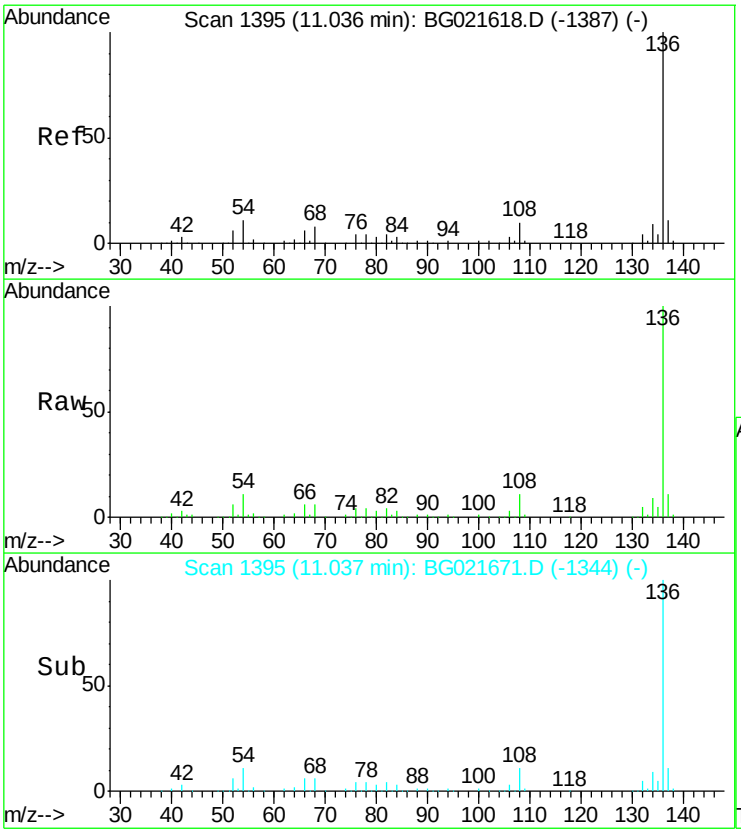
#7
Phenol-d6
Concen: 48.11 ng
RT: 7.36 min Scan# 770
Delta R.T. 0.01 min
Lab File: BG021671.D
Acq: 15 Apr 2016 3:10

Instrument :
BNA_G
ClientSampleId :
S8-0571

Tgt Ion: 99 Resp: 128791

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.4	24.6
71	33.0	25.0	37.4

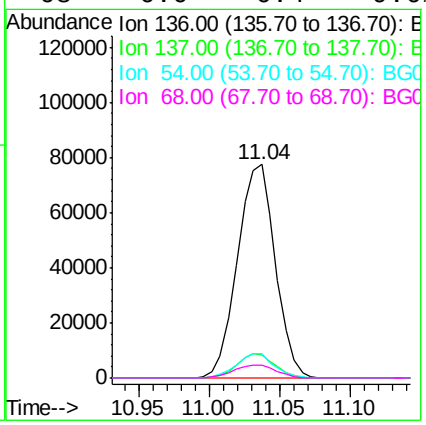


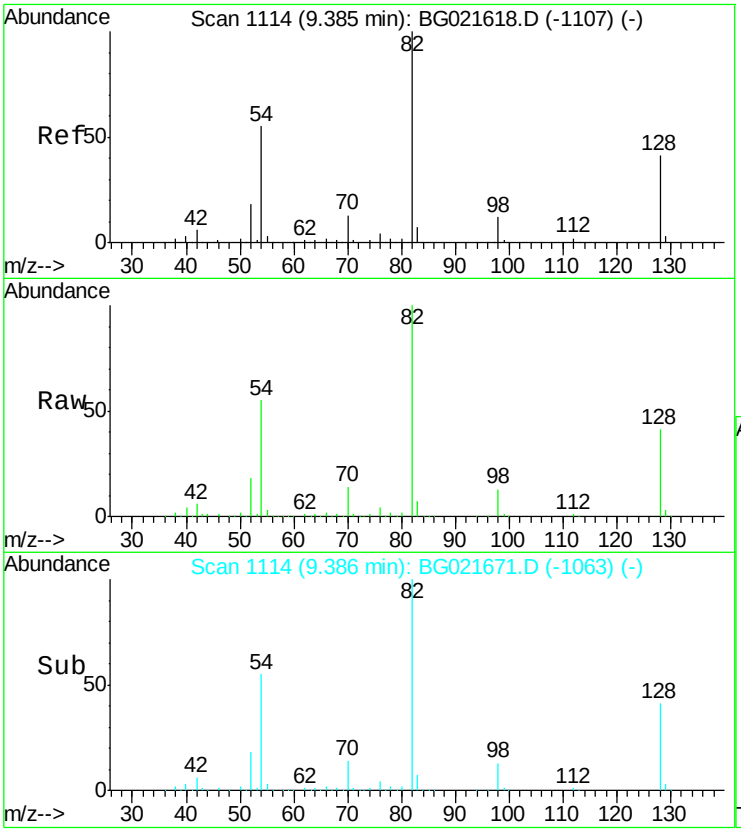


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG021671.D
Acq: 15 Apr 2016 3:10

Tgt Ion:136 Resp: 145050

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	11.3	9.6	14.4
68	6.0	6.4	9.6#



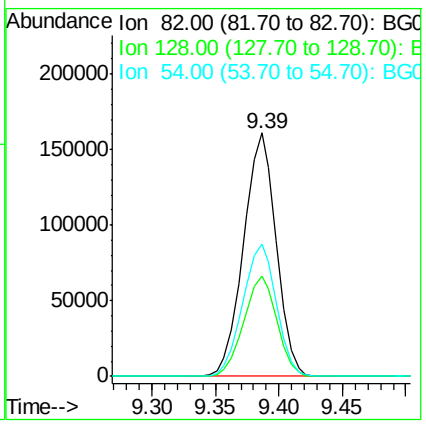


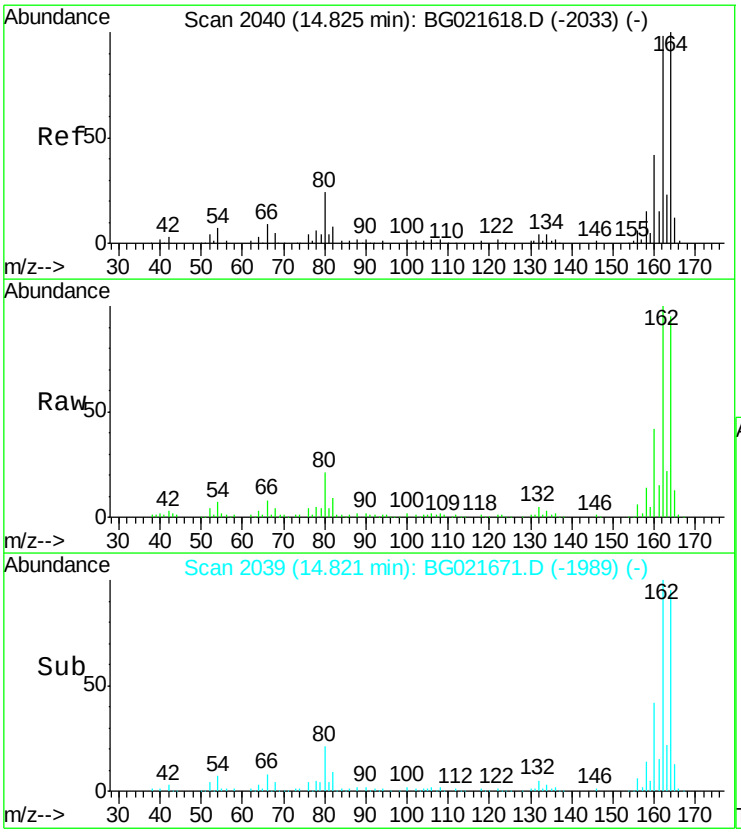
#23
Nitrobenzene-d5
Concen: 102.22 ng
RT: 9.39 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BG021671.D
Acq: 15 Apr 2016 3:10

Instrument :
BNA_G
ClientSampleId :
S8-0571

Tgt Ion: 82 Resp: 288476

Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.4	50.0
54	54.5	46.1	69.1

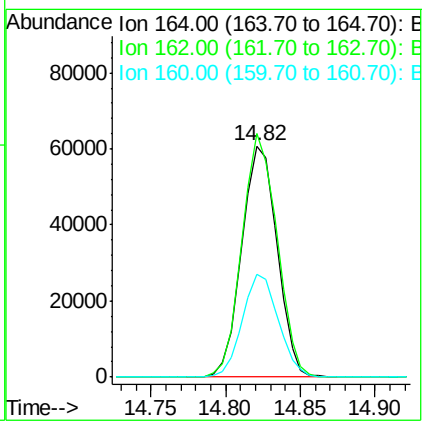


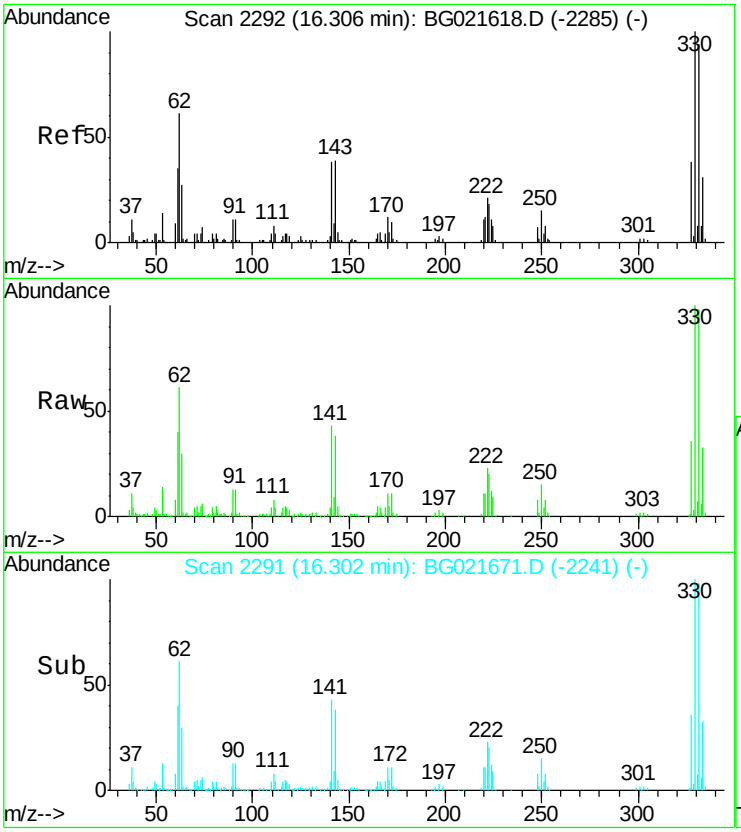


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG021671.D
Acq: 15 Apr 2016 3:10

Tgt Ion:164 Resp: 99511

Ion	Ratio	Lower	Upper
164	100		
162	105.4	78.0	117.0
160	44.4	32.9	49.3



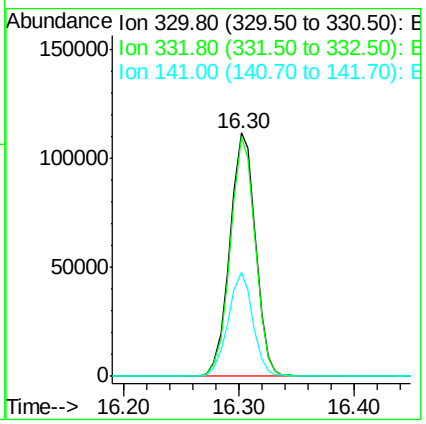


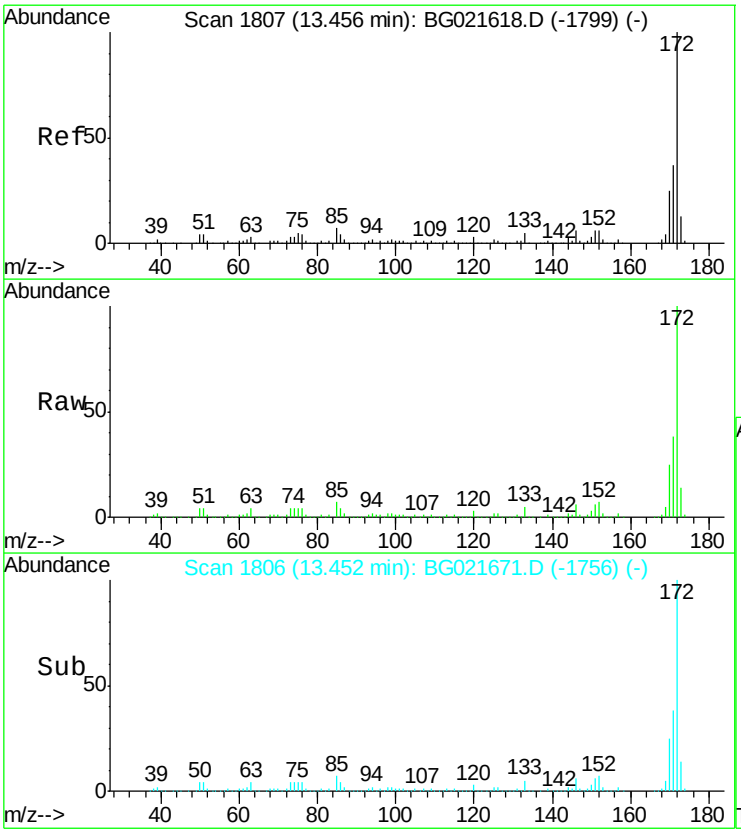
#41
2,4,6-Tribromophenol
Concen: 160.17 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BG021671.D
Acq: 15 Apr 2016 3:10

Instrument :
BNA_G
ClientSampleId :
S8-0571

Tgt Ion:330 Resp: 171778

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.0	117.0
141	41.3	33.8	50.8

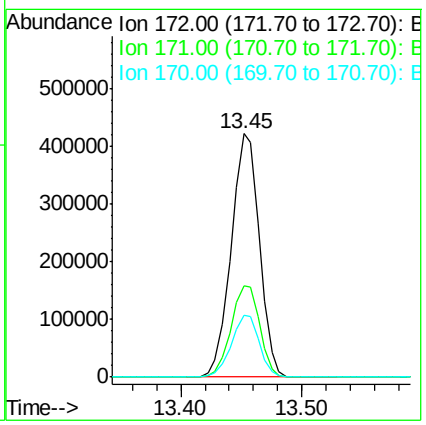


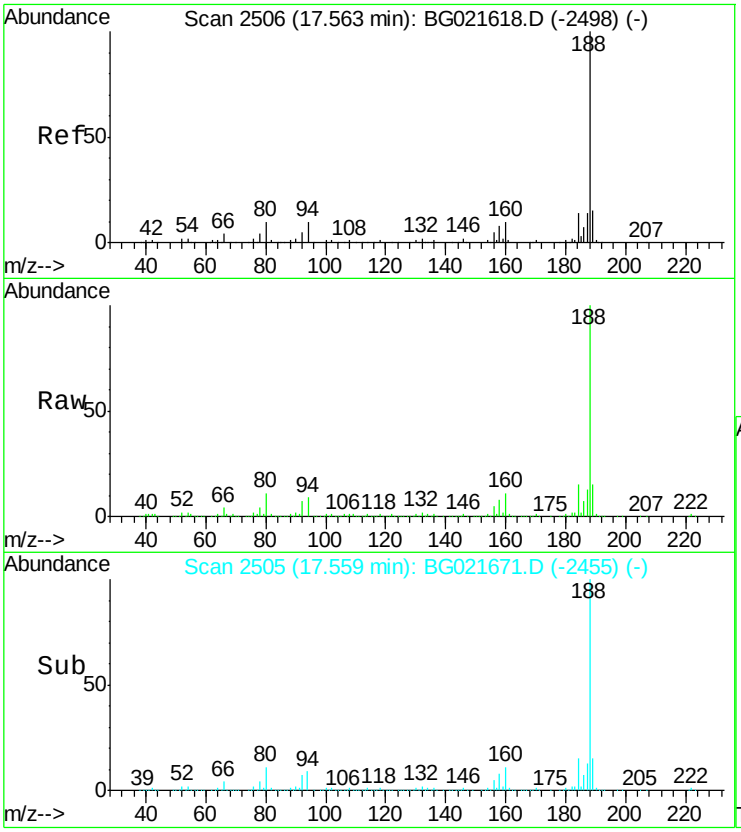


#44
2-Fluorobiphenyl
Concen: 100.86 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG021671.D
Acq: 15 Apr 2016 3:10

Tgt Ion:172 Resp: 684990

Ion	Ratio	Lower	Upper
172	100		
171	37.5	27.8	41.6
170	25.4	19.6	29.4



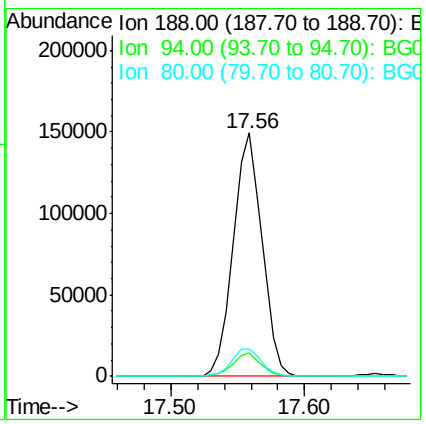


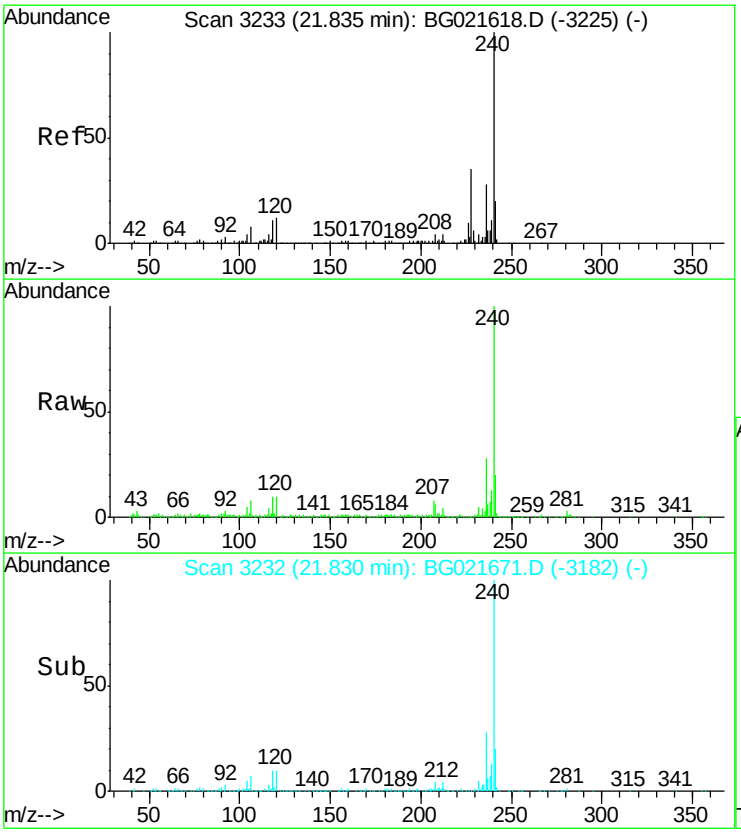
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG021671.D
Acq: 15 Apr 2016 3:10

Instrument :
BNA_G
ClientSampleId :
S8-0571

Tgt Ion:188 Resp: 223827

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	11.2	8.6	13.0

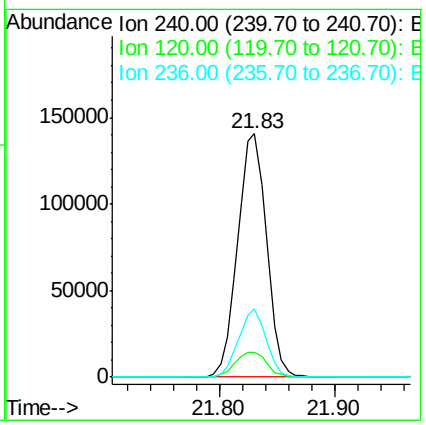


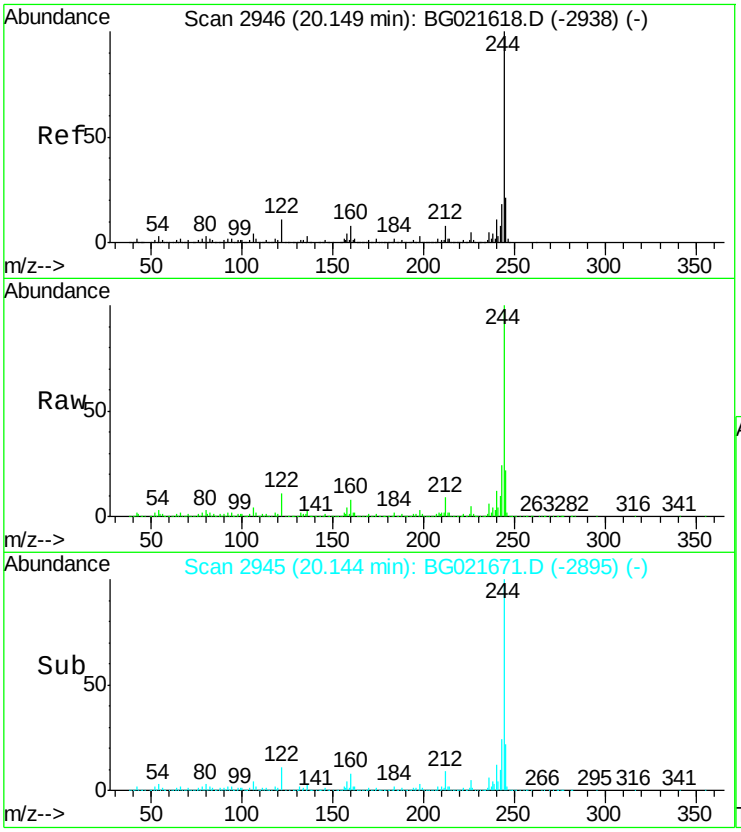


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BG021671.D
Acq: 15 Apr 2016 3:10

Tgt Ion:240 Resp: 242964

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.4	12.6
236	28.2	19.6	29.4



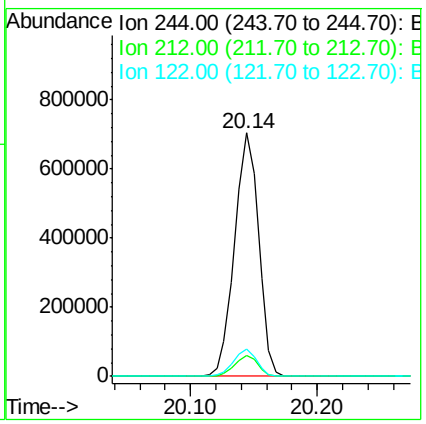


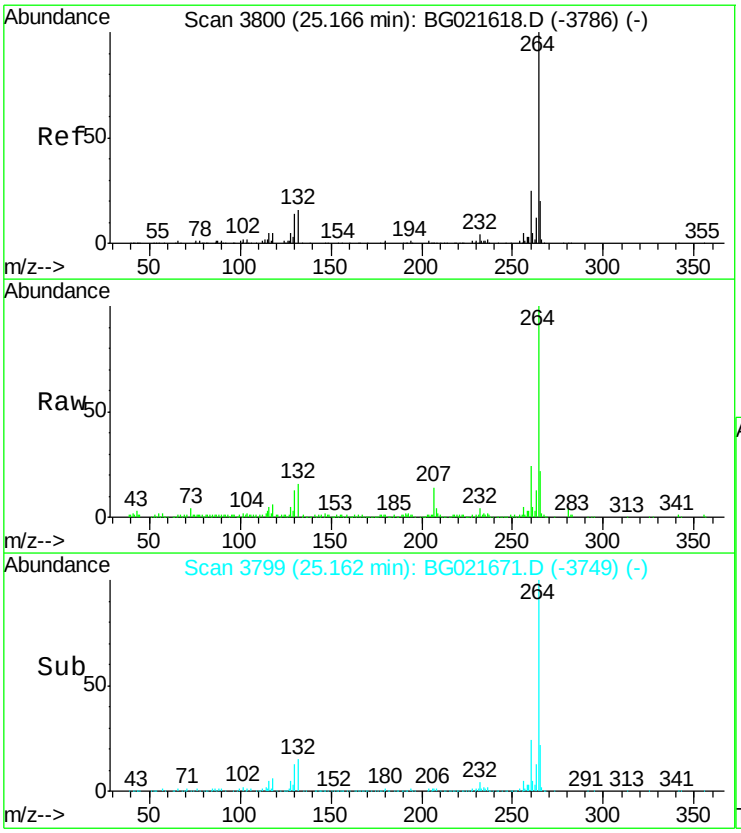
#78
Terphenyl-d14
Concen: 94.59 ng
RT: 20.14 min Scan# 2945
Delta R.T. -0.00 min
Lab File: BG021671.D
Acq: 15 Apr 2016 3:10

Instrument :
BNA_G
ClientSampleId :
S8-0571

Tgt Ion:244 Resp: 921021

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.5	9.7
122	11.3	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. -0.00 min
Lab File: BG021671.D
Acq: 15 Apr 2016 3:10

Tgt Ion:264 Resp: 230885

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.2	30.4
265	22.2	17.8	26.8