Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG041816\
Data File : BG021730.D
Acq On : 18 Apr 2016 8:29
Operator : UM/SJ
Sample : H2420-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-BWR-BB-R06-CS-1(0-18FT)

Quant Time: Apr 18 11:50:01 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	28236	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	139185	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	97049	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	205972	20.00	ng	0.00
75) Chrysene-d12	21.83	240	220668	20.00	ng	0.00
86) Perylene-d12	25.16	264	213436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	254869	150.31	ng	0.00
7) Phenol-d6	7.37	99	357954	141.33	ng	0.00
23) Nitrobenzene-d5	9.38	82	261850	96.70	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	177137	169.36	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	670082	101.16	ng	0.00
78) Terphenyl-d14	20.14	244	924516	104.54	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.54	79	3902	2.02	ng	# 52
31) Naphthalene	11.08	128	43313	5.81	ng	# 96
55) 4-Nitrophenol	15.21	139	3281	2.16	ng	# 5

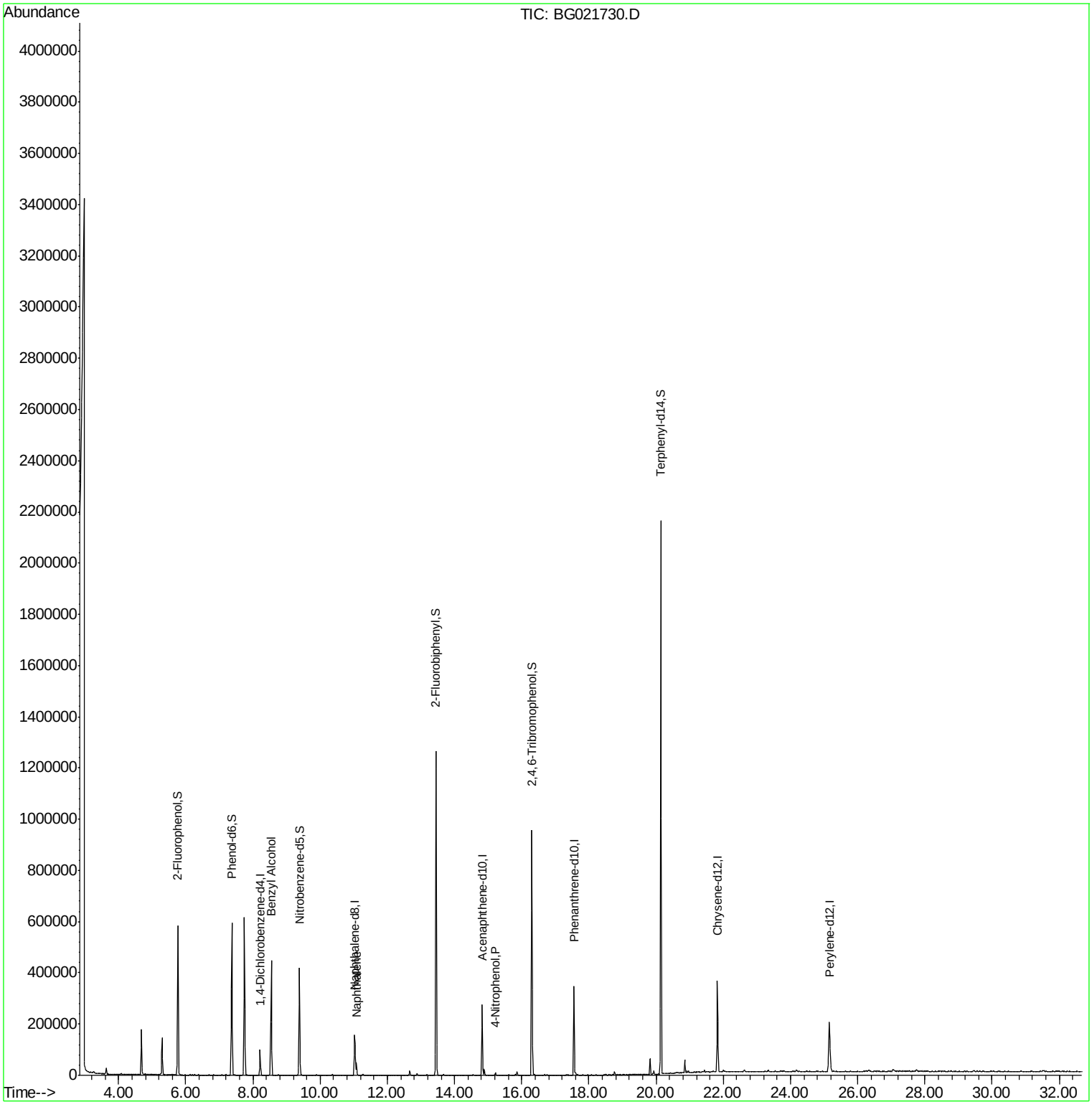
(#) = qualifier out of range (m) = manual integration (+) = signals summed

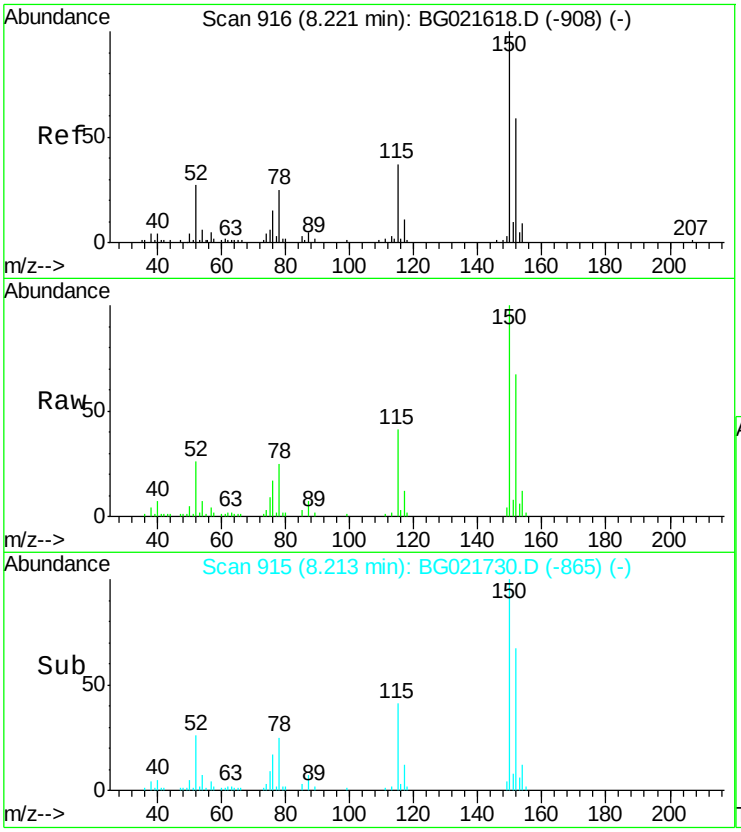
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG041816\
Data File : BG021730.D
Acq On : 18 Apr 2016 8:29
Operator : UM/SJ
Sample : H2420-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R06-CS-1(0-18FT)

Quant Time: Apr 18 11:50:01 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



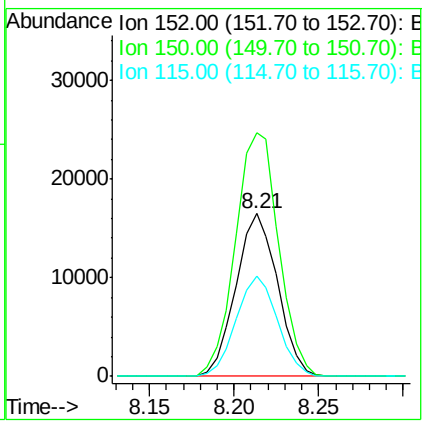


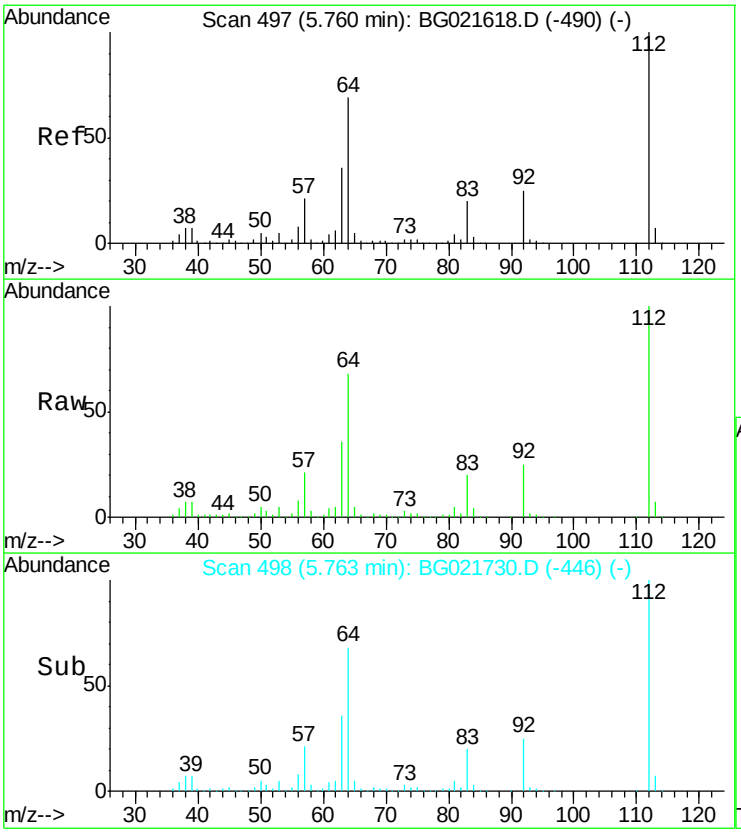
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG021730.D
Acq: 18 Apr 2016 8:29

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R06-CS-1(0-18FT)

Tgt Ion:152 Resp: 28236

Ion	Ratio	Lower	Upper
152	100		
150	149.7	130.1	195.1
115	61.4	62.2	93.2#

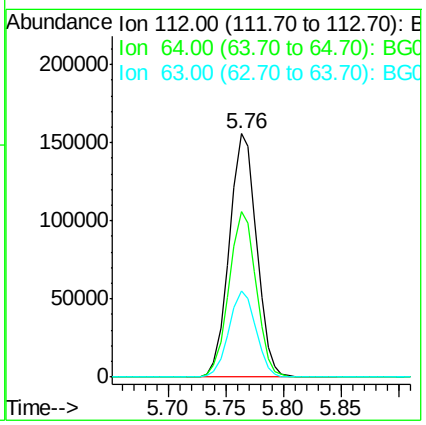


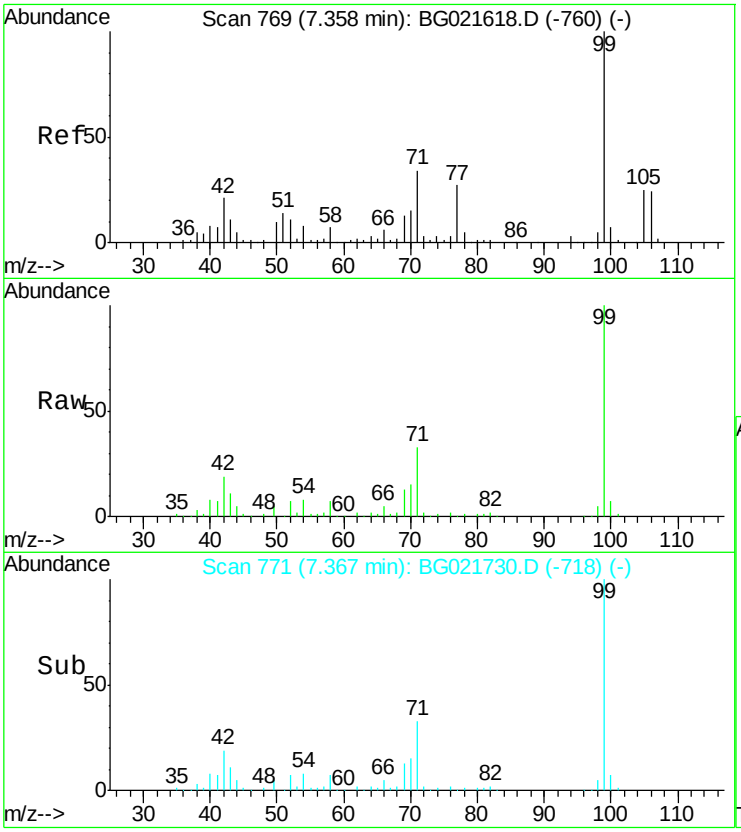


#5
2-Fluorophenol
Concen: 150.31 ng
RT: 5.76 min Scan# 498
Delta R.T. 0.00 min
Lab File: BG021730.D
Acq: 18 Apr 2016 8:29

Tgt Ion:112 Resp: 254869

Ion	Ratio	Lower	Upper
112	100		
64	68.2	51.1	76.7
63	35.6	24.6	37.0



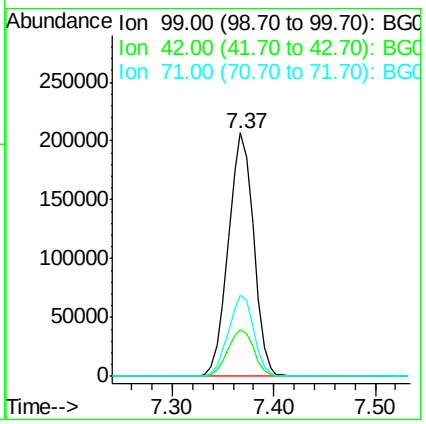


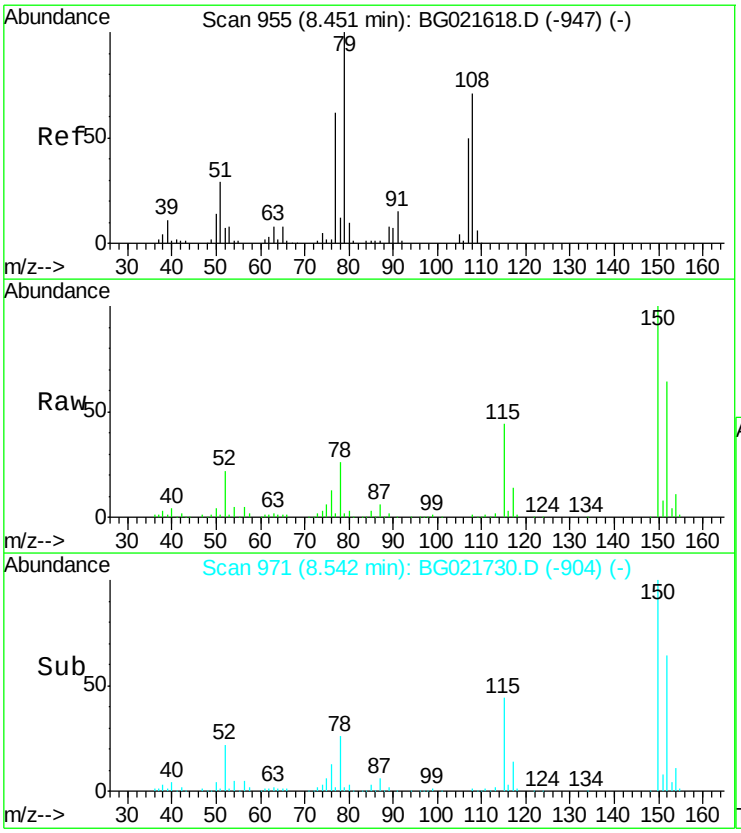
#7
Phenol-d6
Concen: 141.33 ng
RT: 7.37 min Scan# 771
Delta R.T. 0.01 min
Lab File: BG021730.D
Acq: 18 Apr 2016 8:29

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R06-CS-1(0-18FT)

Tgt Ion: 99 Resp: 357954

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.4	24.6
71	33.1	25.0	37.4

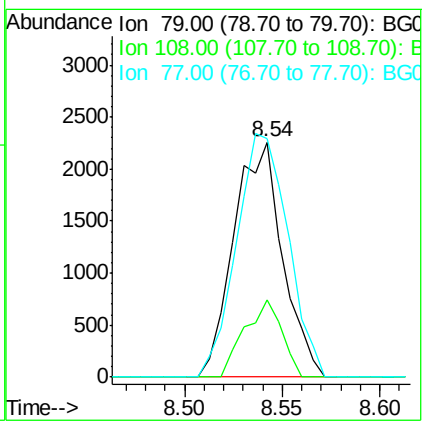


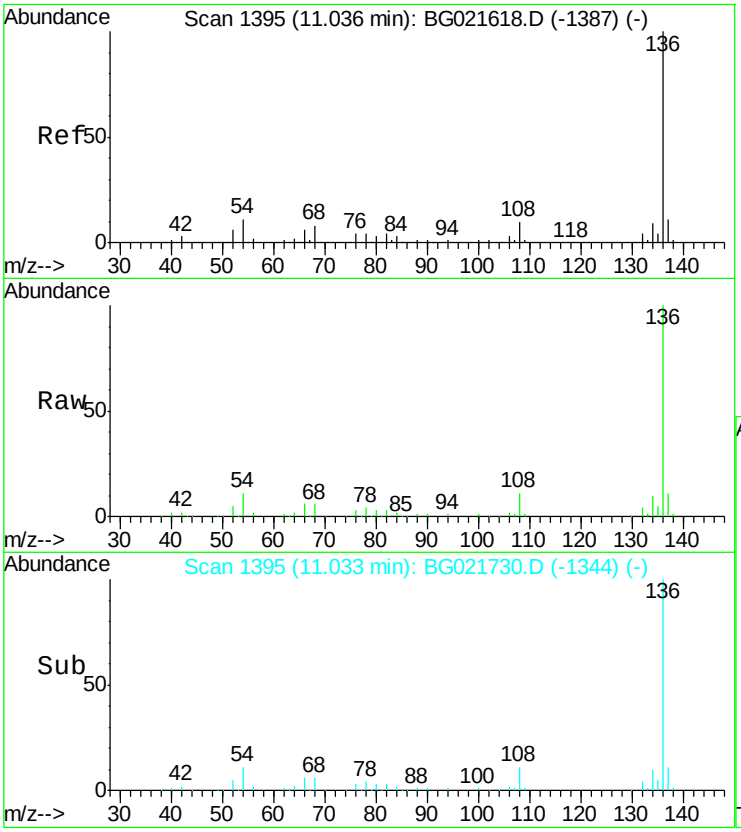


#15
Benzyl Alcohol
Concen: 2.02 ng
RT: 8.54 min Scan# 971
Delta R.T. 0.09 min
Lab File: BG021730.D
Acq: 18 Apr 2016 8:29

Tgt Ion: 79 Resp: 3902

Ion	Ratio	Lower	Upper
79	100		
108	32.7	59.4	89.0#
77	101.7	52.2	78.2#



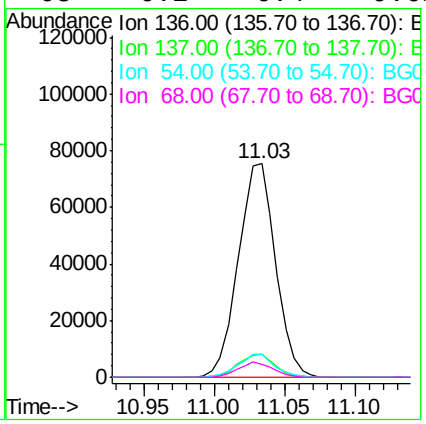


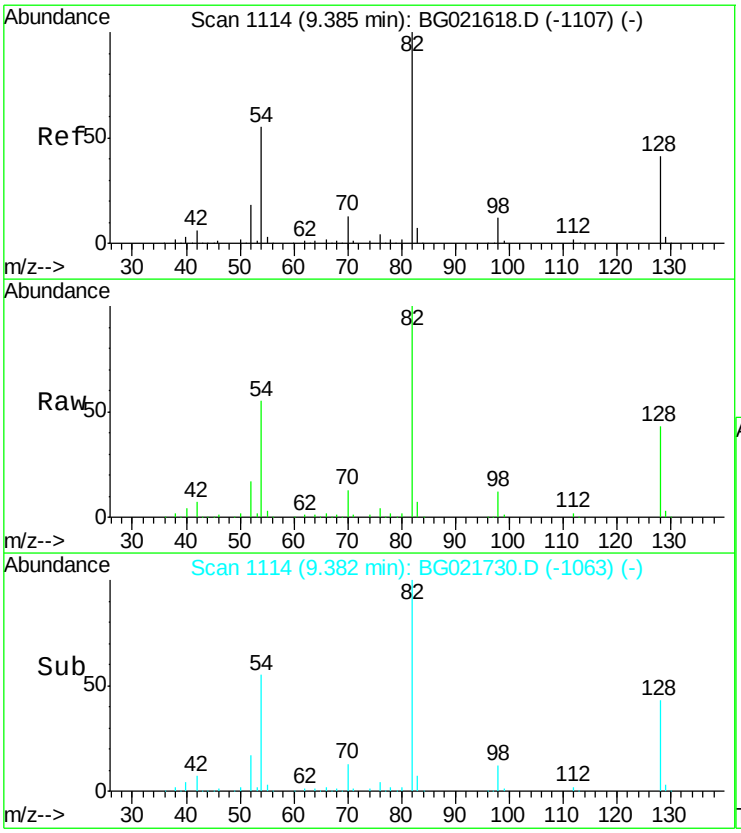
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021730.D
Acq: 18 Apr 2016 8:29

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R06-CS-1(0-18FT)

Tgt Ion:136 Resp: 139185

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	10.9	9.6	14.4
68	6.2	6.4	9.6#

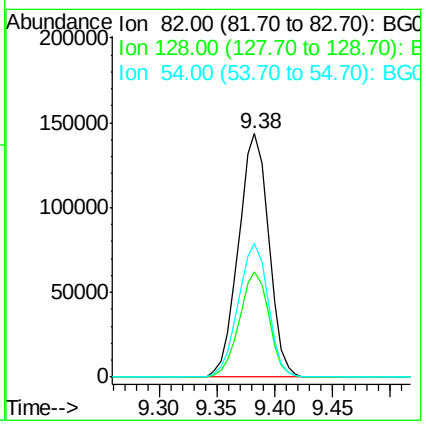


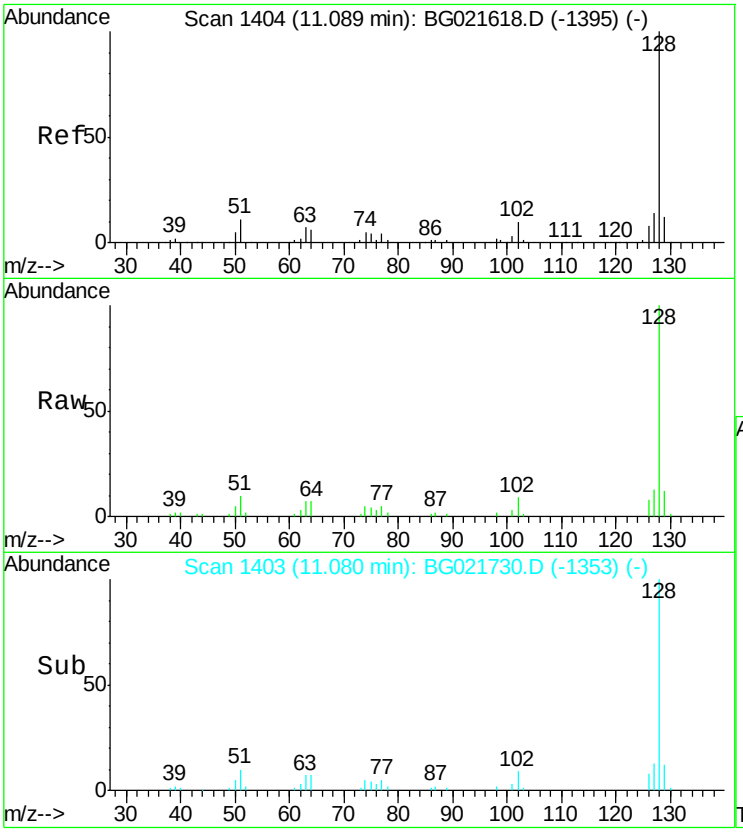


#23
Nitrobenzene-d5
Concen: 96.70 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021730.D
Acq: 18 Apr 2016 8:29

Tgt Ion: 82 Resp: 261850

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.4	50.0
54	54.6	46.1	69.1



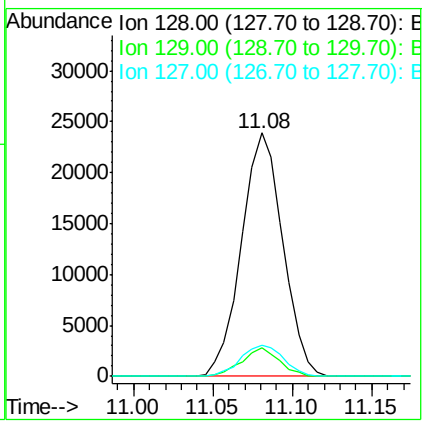


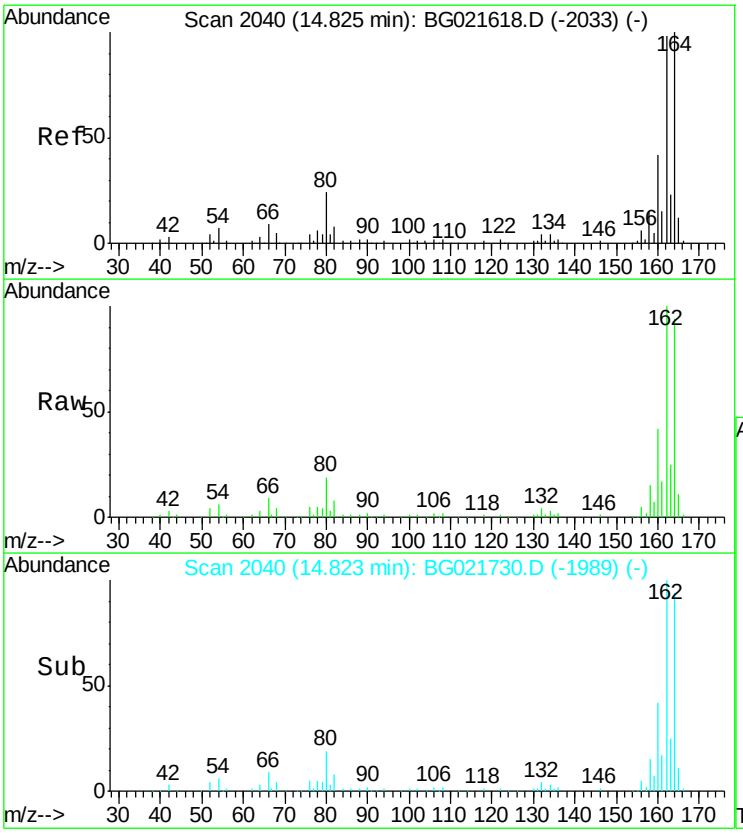
#31
Naphthalene
Concen: 5.81 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BG021730.D
Acq: 18 Apr 2016 8:29

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R06-CS-1(0-18FT)

Tgt Ion:128 Resp: 43313

Ion	Ratio	Lower	Upper
128	100		
129	11.6	7.0	10.6#
127	13.0	10.1	15.1

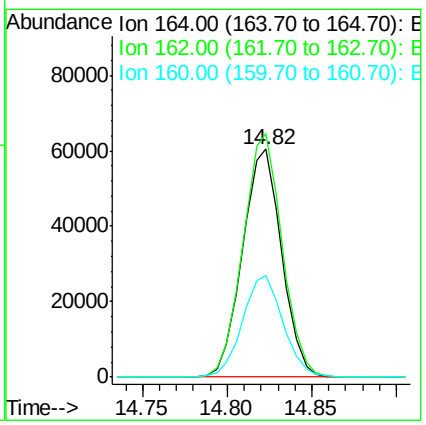


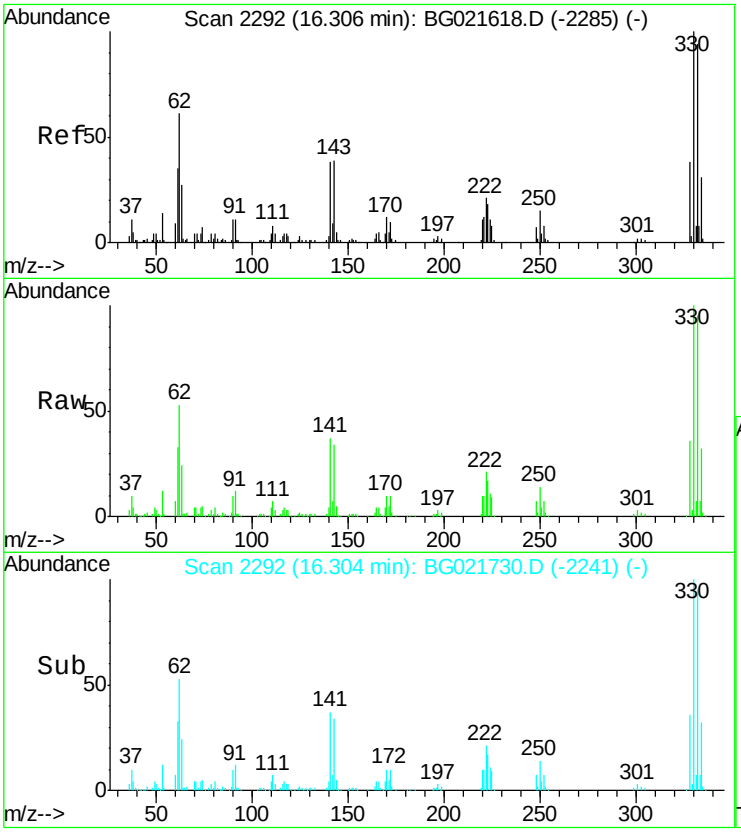


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021730.D
Acq: 18 Apr 2016 8:29

Tgt Ion:164 Resp: 97049

Ion	Ratio	Lower	Upper
164	100		
162	106.8	78.0	117.0
160	44.5	32.9	49.3



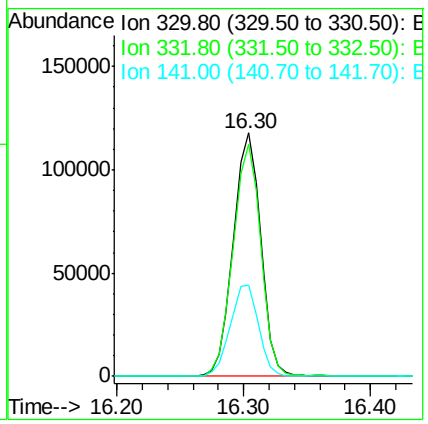


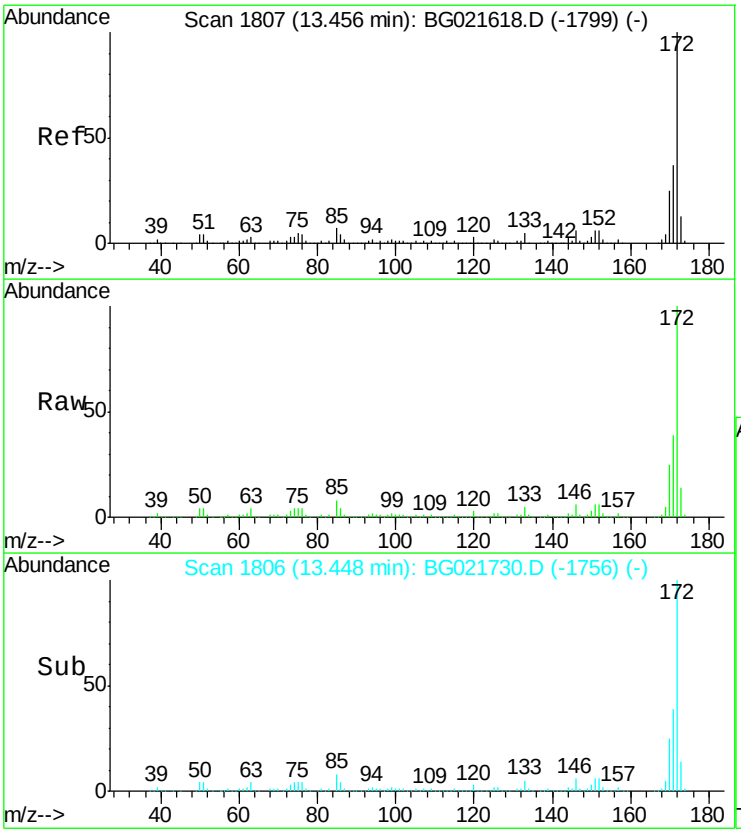
#41
2,4,6-Tribromophenol
Concen: 169.36 ng
RT: 16.30 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG021730.D
Acq: 18 Apr 2016 8:29

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R06-CS-1(0-18FT)

Tgt Ion:330 Resp: 177137

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.0	117.0
141	38.5	33.8	50.8

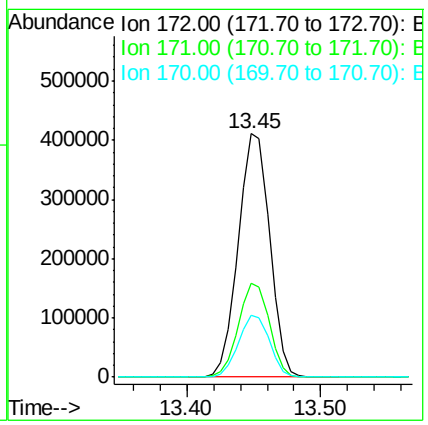


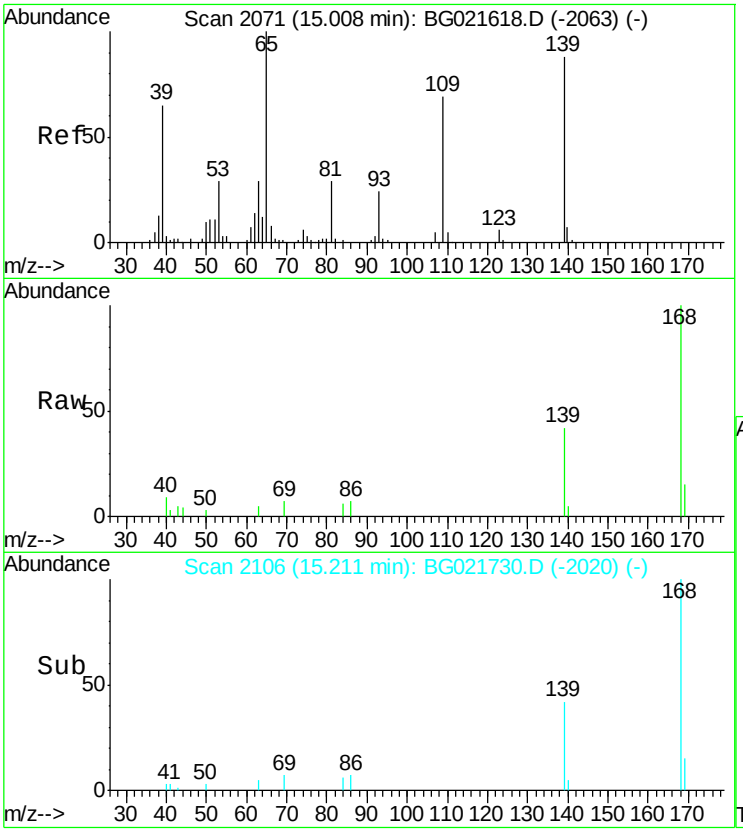


#44
2-Fluorobiphenyl
Concen: 101.16 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BG021730.D
Acq: 18 Apr 2016 8:29

Tgt Ion:172 Resp: 670082

Ion	Ratio	Lower	Upper
172	100		
171	38.6	27.8	41.6
170	25.5	19.6	29.4



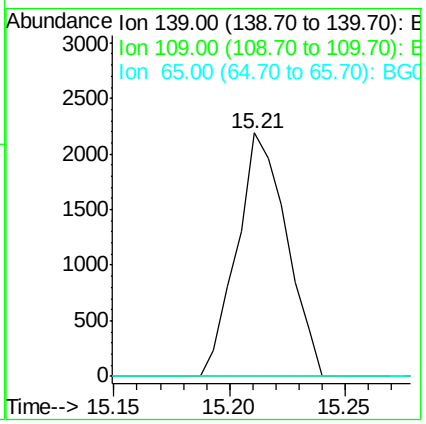


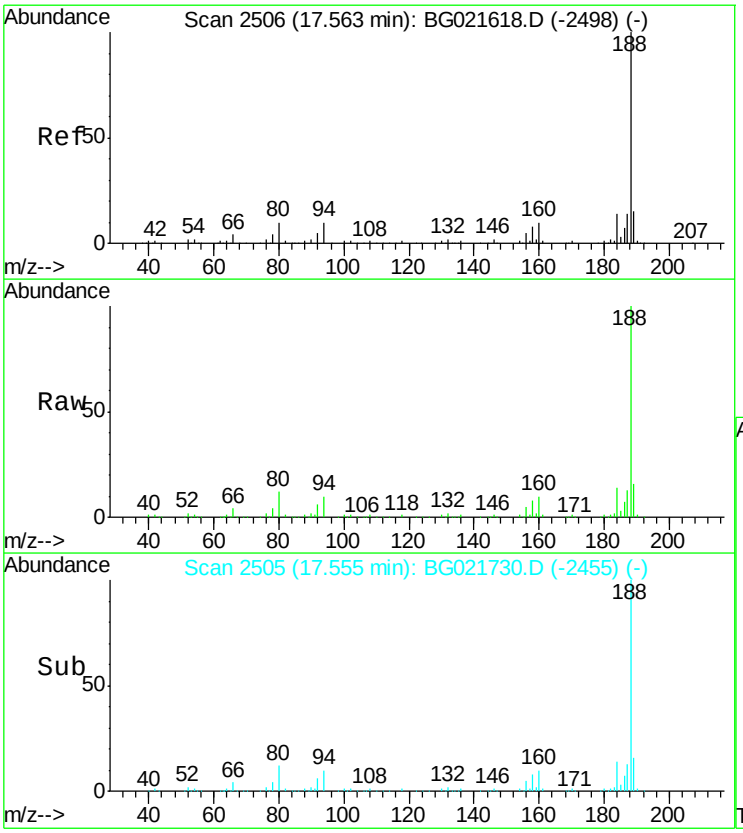
#55
4-Nitrophenol
Concen: 2.16 ng
RT: 15.21 min Scan# 2106
Delta R.T. 0.20 min
Lab File: BG021730.D
Acq: 18 Apr 2016 8:29

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R06-CS-1(0-18FT)

Tgt Ion:139 Resp: 3281

Ion	Ratio	Lower	Upper
139	100		
109	0.0	49.2	89.2#
65	0.0	83.2	123.2#

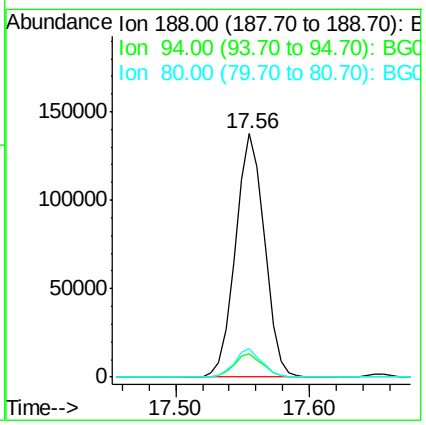


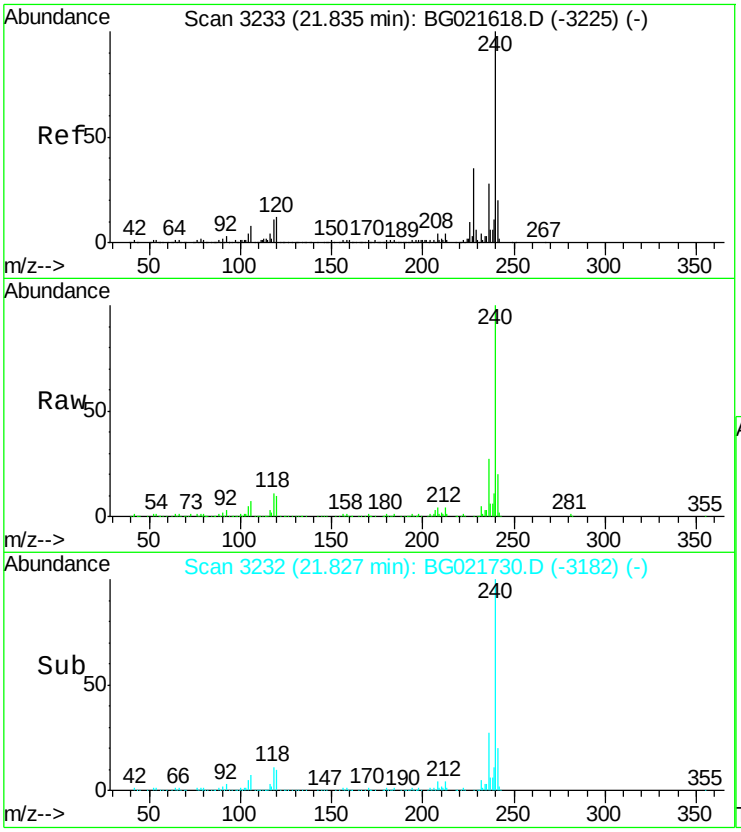


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021730.D
Acq: 18 Apr 2016 8:29

Tgt Ion:188 Resp: 205972

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.5	11.3
80	11.7	8.6	13.0



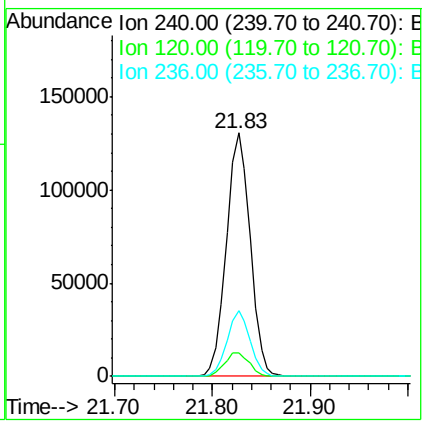


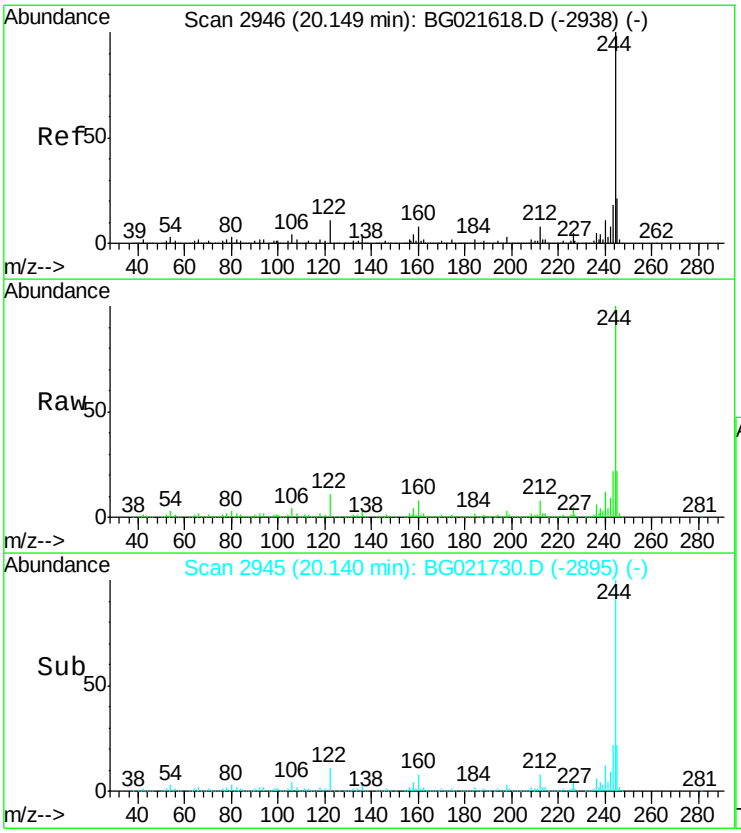
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021730.D
Acq: 18 Apr 2016 8:29

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R06-CS-1(0-18FT)

Tgt Ion:240 Resp: 220668

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.4	12.6
236	27.0	19.6	29.4

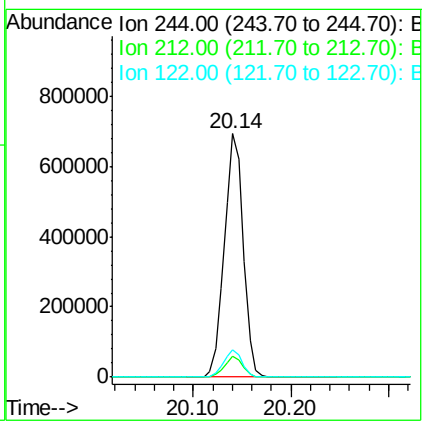


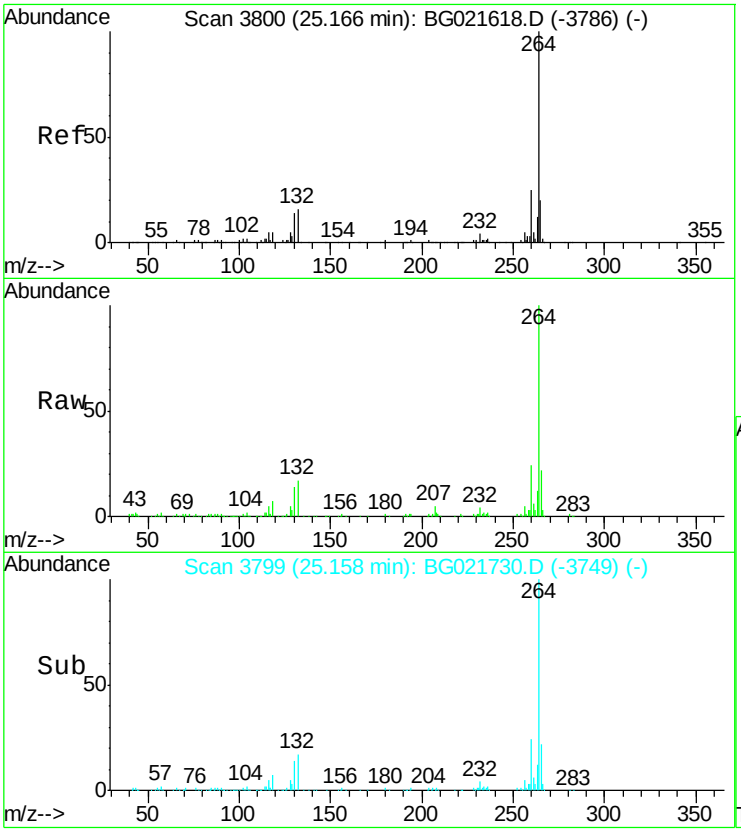


#78
Terphenyl-d14
Concen: 104.54 ng
RT: 20.14 min Scan# 2945
Delta R.T. -0.01 min
Lab File: BG021730.D
Acq: 18 Apr 2016 8:29

Tgt Ion:244 Resp: 924516

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.0	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: BG021730.D
Acq: 18 Apr 2016 8:29

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R06-CS-1(0-18FT)

Tgt Ion:264 Resp: 213436

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.2	30.4
265	21.6	17.8	26.8