Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019173.D
Acq On : 13 Oct 2015 00:54
Operator : UM/NP
Sample : PB85644BL
Misc : LOD 1PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB85644BL

Quant Time: Oct 13 04:52:10 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 03:45:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	16687	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	74212	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	53649	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	146172	20.00	ng	0.00
75) Chrysene-d12	21.68	240	173502	20.00	ng	0.00
86) Perylene-d12	24.91	264	166203	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	115863	141.37	ng	0.00
7) Phenol-d6	7.20	99	174107	138.29	ng	0.00
23) Nitrobenzene-d5	9.19	82	117943	87.81	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	95478	130.60	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	290745	83.33	ng	0.00
78) Terphenyl-d14	20.02	244	552743	84.15	ng	0.00
Target Compounds						Qvalue
6) Aniline	7.57	93	145	0.09	ng	# 1
9) Benzaldehyde	7.20	77	227	0.29	ng	# 3
11) bis(2-Chloroethyl)ether	7.57	93	145	0.15	ng	# 1
15) Benzyl Alcohol	8.35	79	1979	1.76	ng	# 52
24) Nitrobenzene	9.19	77	362	0.25	ng	# 43
45) 1,1'-Biphenyl	13.28	154	657	0.17	ng	# 1
62) Azobenzene	16.15	77	619	0.15	ng	# 1
65) n-Nitrosodiphenylamine	16.15	169	3221	0.80	ng	# 44
77) Pyrene	20.02	202	2192	0.23	ng	# 59
80) Benzo(a)anthracene	21.67	228	480	0.05	ng	# 51
82) Chrysene	21.67	228	480	0.05	ng	# 48
83) Bis(2-ethylhexyl)phthalate	21.57	149	372	0.07	ng	# 52
84) Di-n-octyl phthalate	22.77	149	71	0.01	ng	# 71
89) Benzo(a)pyrene	24.90	252	456	0.05	ng	# 40

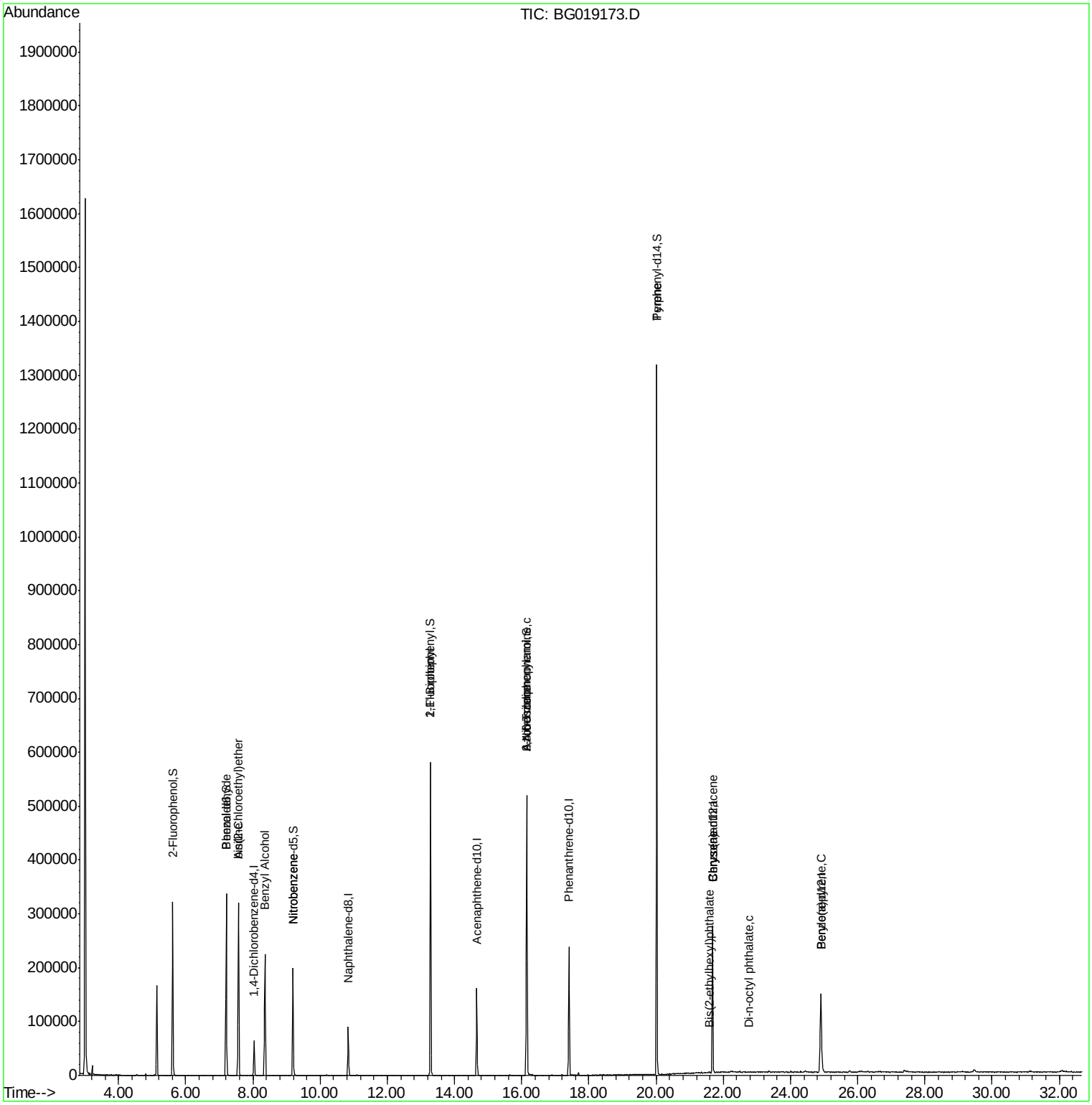
(#) = qualifier out of range (m) = manual integration (+) = signals summed

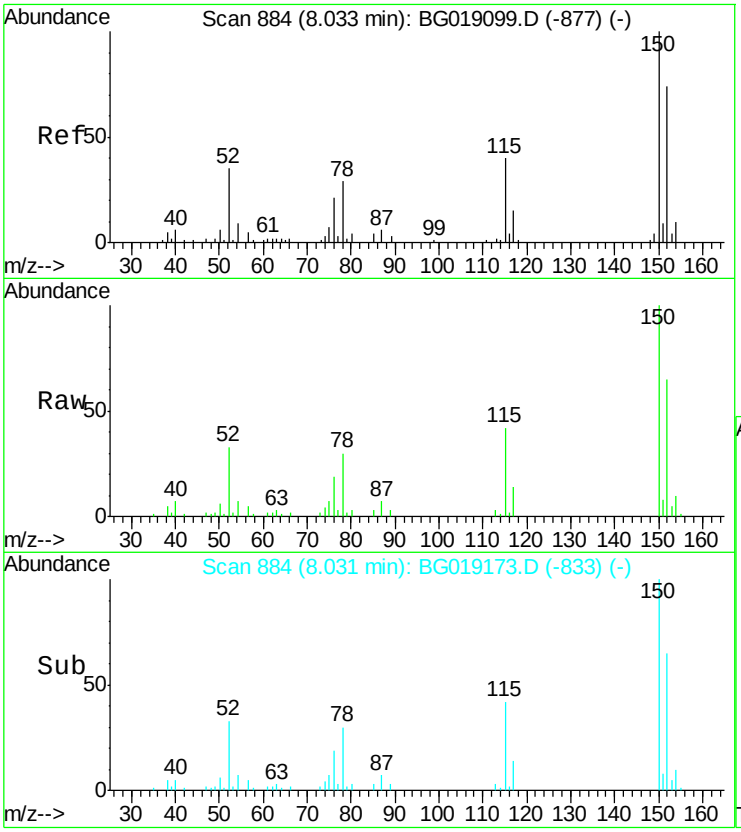
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019173.D
Acq On : 13 Oct 2015 00:54
Operator : UM/NP
Sample : PB85644BL
Misc : LOD 1PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB85644BL

Quant Time: Oct 13 04:52:10 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 03:45:00 2015
Response via : Initial Calibration



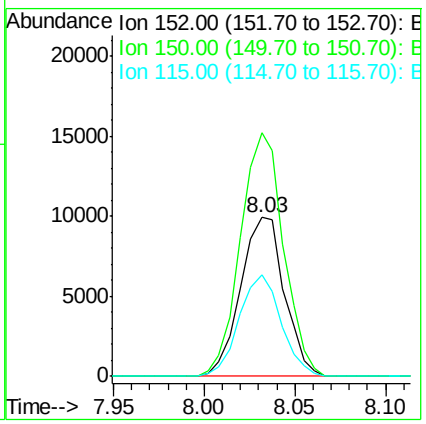


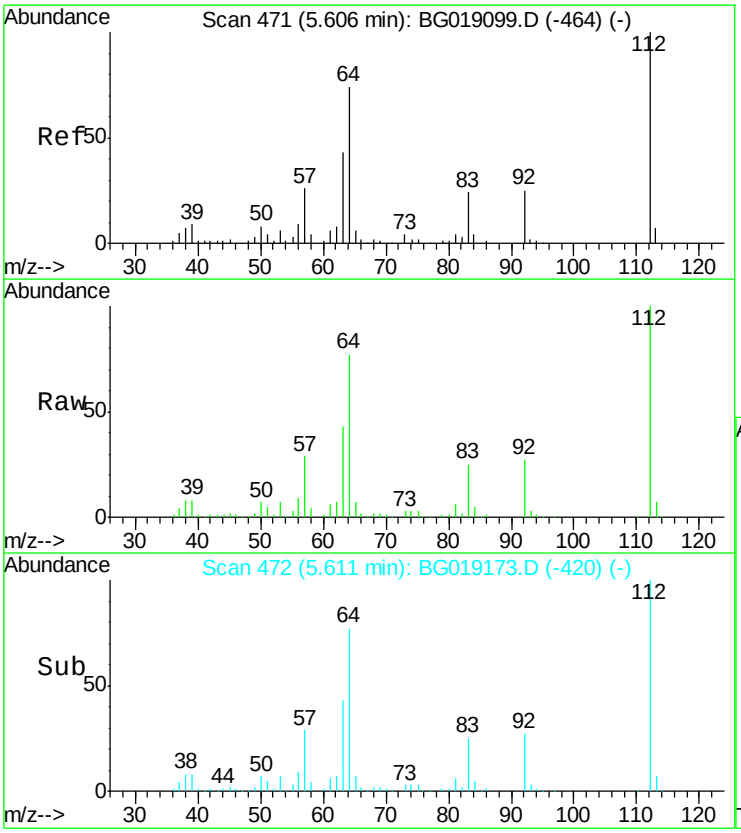
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Instrument :
BNA_G
ClientSampleId :
PB85644BL

Tgt Ion:152 Resp: 16687

Ion	Ratio	Lower	Upper
152	100		
150	153.5	108.2	162.2
115	64.2	43.2	64.8

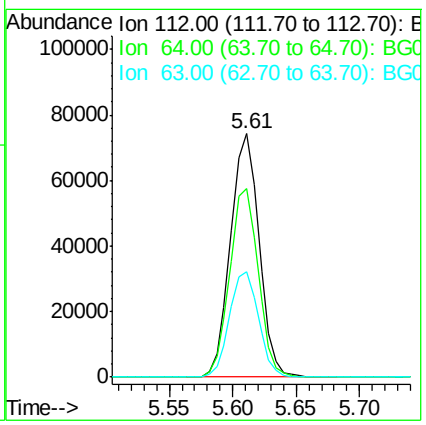


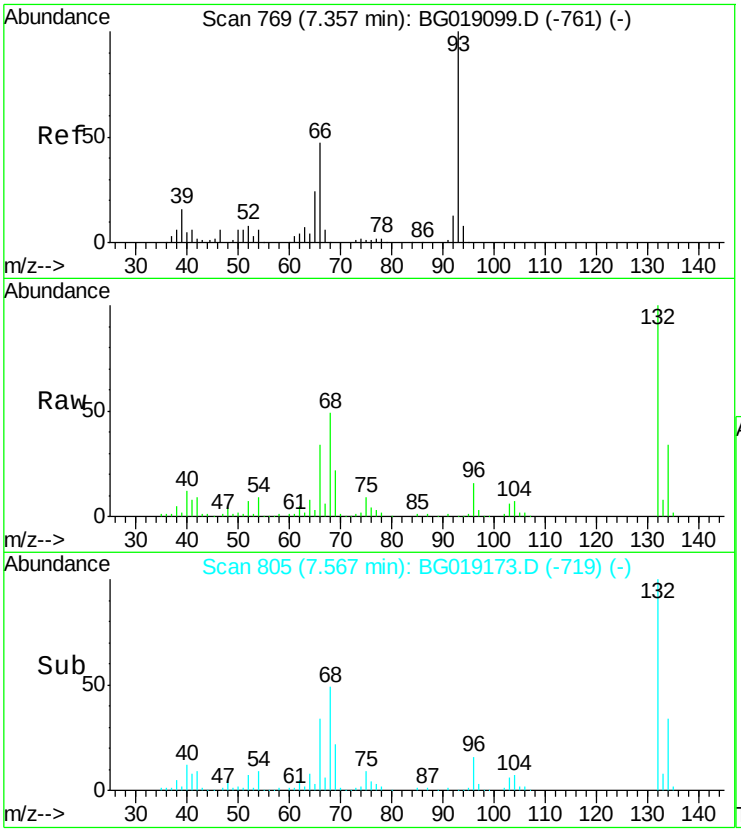


#5
2-Fluorophenol
Concen: 141.37 ng
RT: 5.61 min Scan# 472
Delta R.T. 0.00 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Tgt Ion:112 Resp: 115863

Ion	Ratio	Lower	Upper
112	100		
64	77.5	59.0	88.4
63	43.2	34.7	52.1



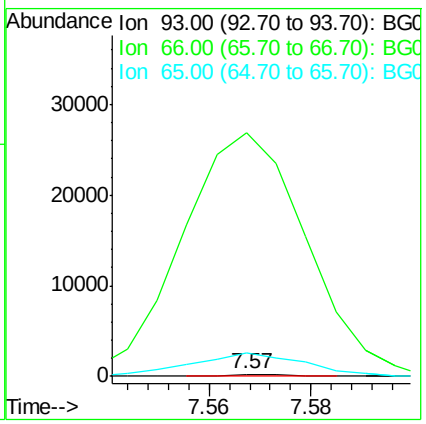


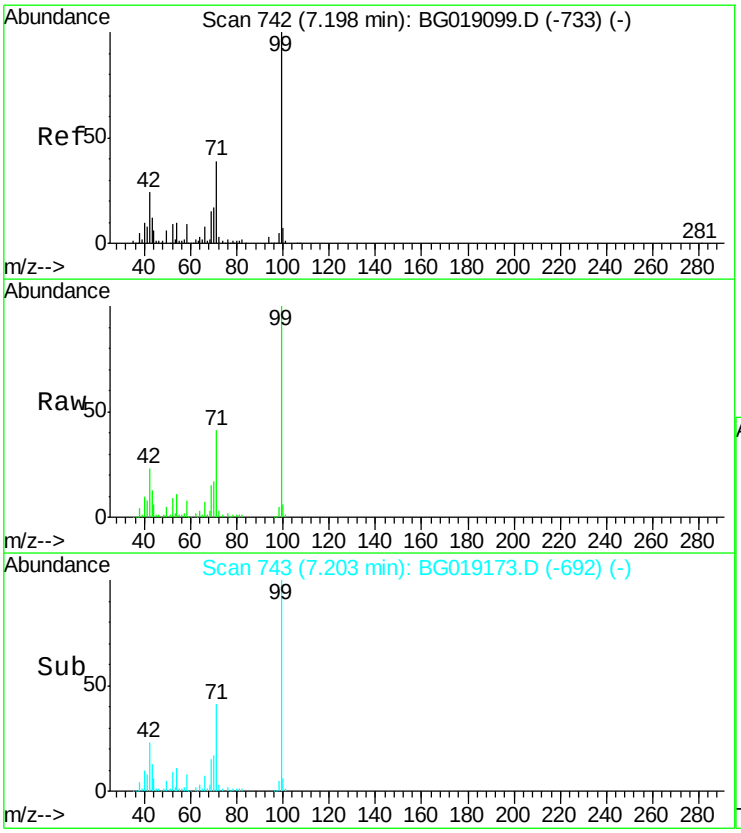
#6
Aniline
Concen: 0.09 ng
RT: 7.57 min Scan# 805
Delta R.T. 0.20 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Instrument :
BNA_G
ClientSampleId :
PB85644BL

Tgt Ion: 93 Resp: 145

Ion	Ratio	Lower	Upper
93	100		
66	11480.3	37.4	56.2#
65	1095.7	19.6	29.4#

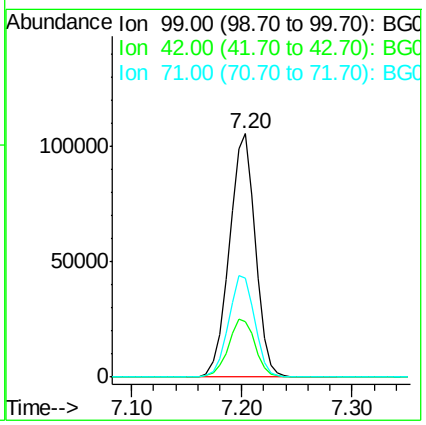


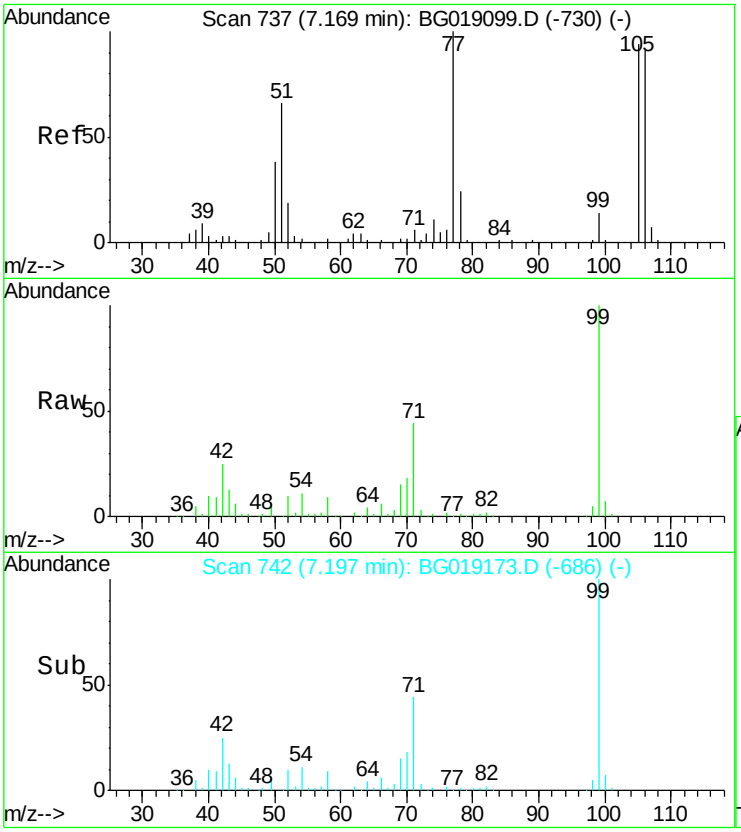


#7
Phenol-d6
Concen: 138.29 ng
RT: 7.20 min Scan# 743
Delta R.T. -0.00 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Tgt Ion: 99 Resp: 174107

Ion	Ratio	Lower	Upper
99	100		
42	23.0	19.5	29.3
71	40.5	31.4	47.0



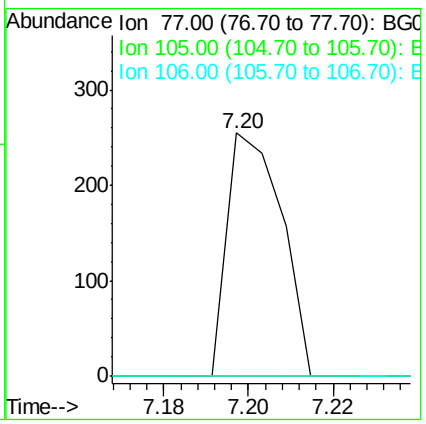


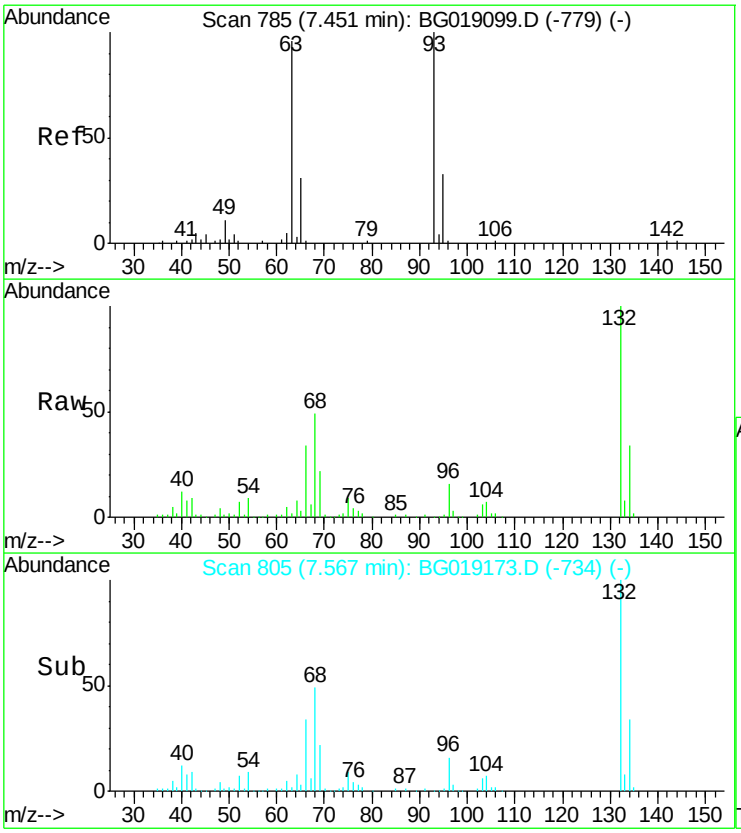
#9
Benzaldehyde
Concen: 0.29 ng
RT: 7.20 min Scan# 742
Delta R.T. 0.03 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Instrument :
BNA_G
ClientSampleId :
PB85644BL

Tgt Ion: 77 Resp: 227

Ion	Ratio	Lower	Upper
77	100		
105	0.0	73.7	113.7#
106	0.0	71.0	111.0#

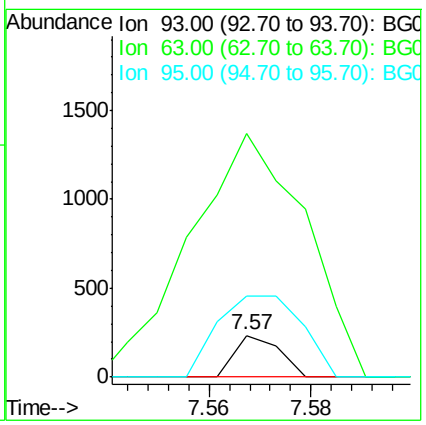


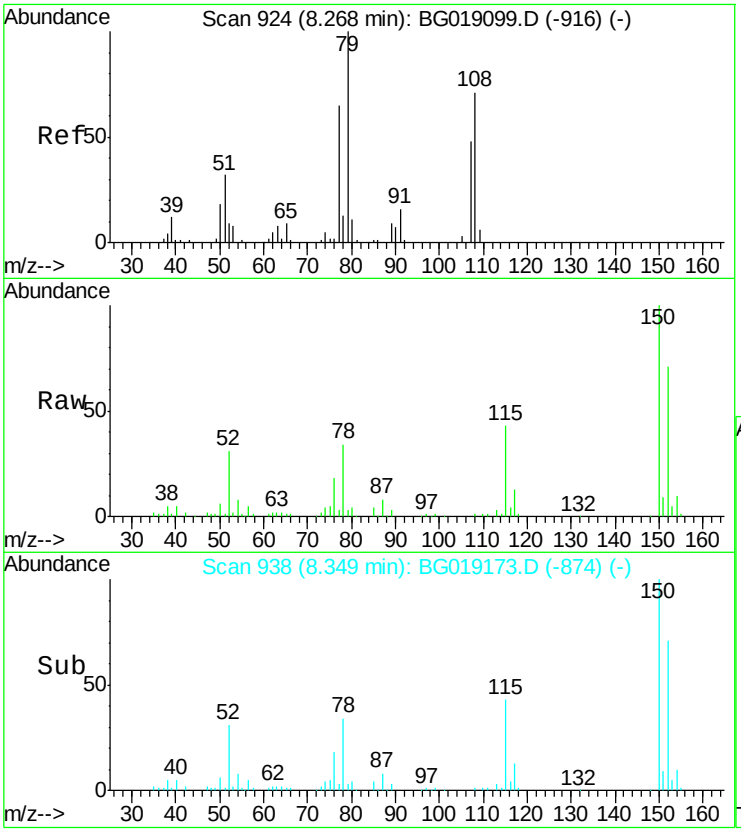


#11
bis(2-Chloroethyl)ether
Concen: 0.15 ng
RT: 7.57 min Scan# 805
Delta R.T. 0.12 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Tgt Ion: 93 Resp: 145

Ion	Ratio	Lower	Upper
93	100		
63	585.5	75.3	115.3#
95	194.0	12.9	52.9#



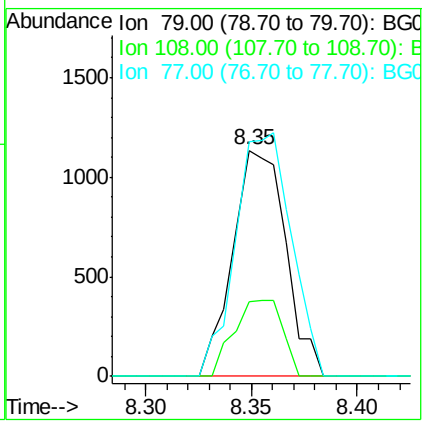


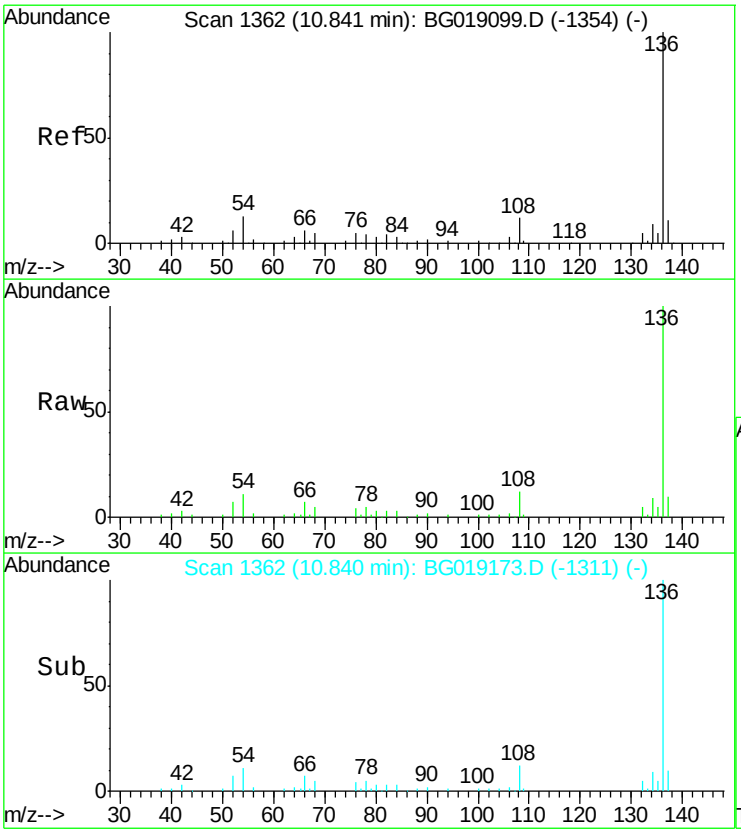
#15
Benzyl Alcohol
Concen: 1.76 ng
RT: 8.35 min Scan# 938
Delta R.T. 0.08 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Instrument :
BNA_G
ClientSampleId :
PB85644BL

Tgt Ion: 79 Resp: 1979

Ion	Ratio	Lower	Upper
79	100		
108	33.1	56.6	84.8#
77	103.9	51.6	77.4#

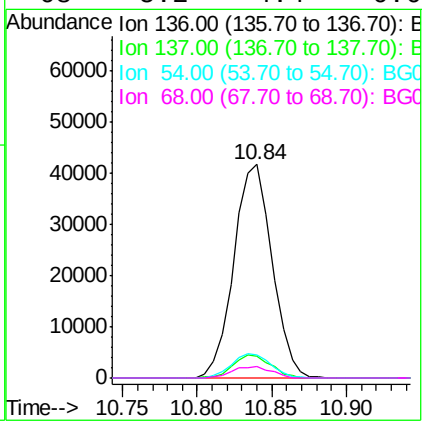


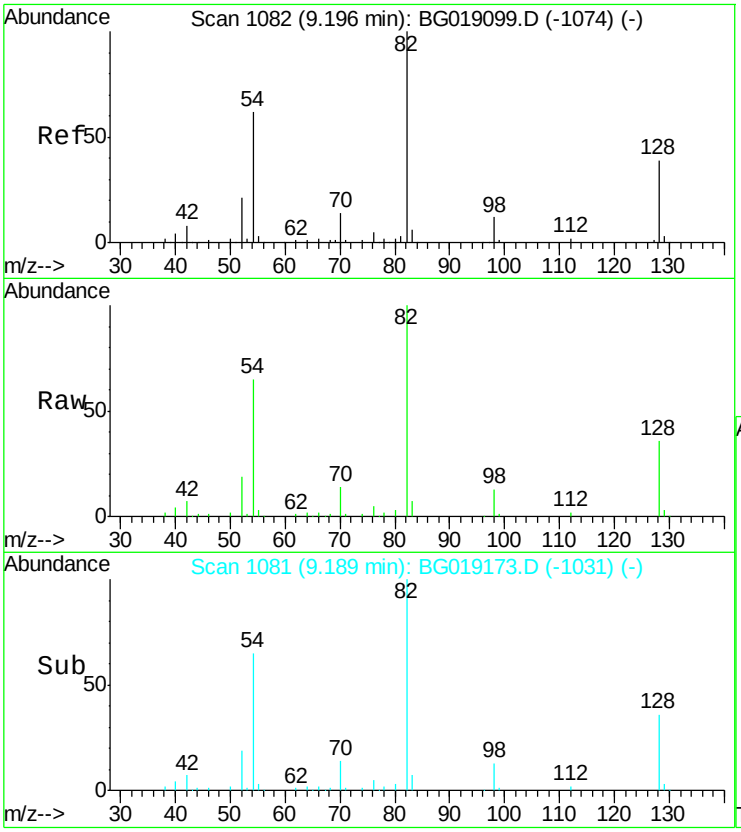


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Tgt Ion:136 Resp: 74212

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.0	13.4
54	11.0	10.1	15.1
68	5.2	4.4	6.6



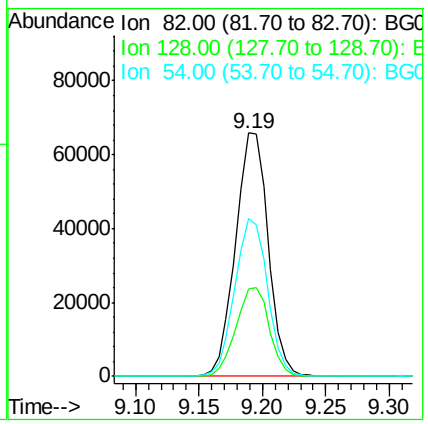


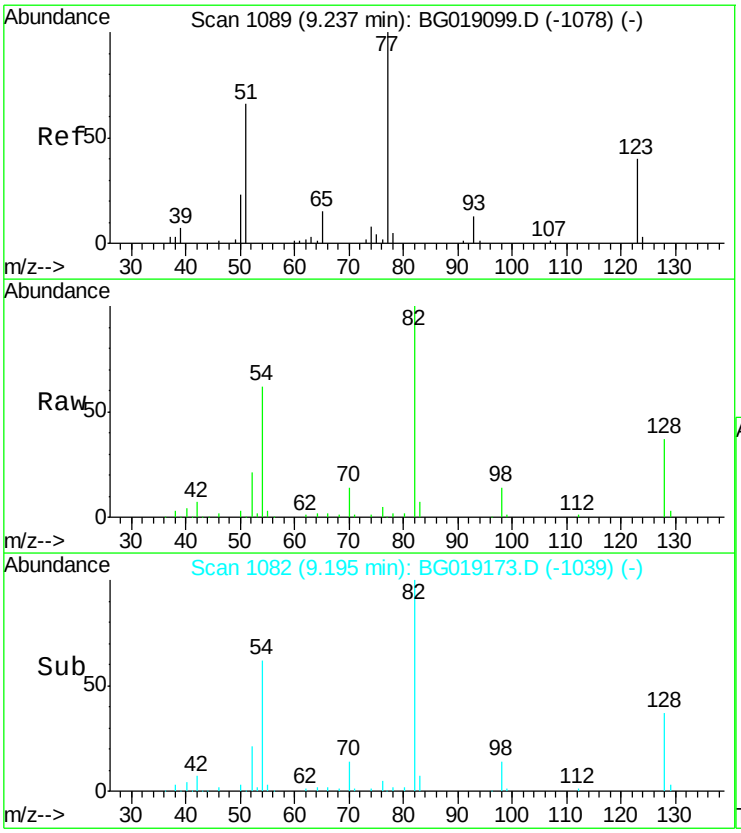
#23
Nitrobenzene-d5
Concen: 87.81 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Instrument :
BNA_G
ClientSampleId :
PB85644BL

Tgt Ion: 82 Resp: 117943

Ion	Ratio	Lower	Upper
82	100		
128	35.7	31.4	47.2
54	65.1	50.0	75.0

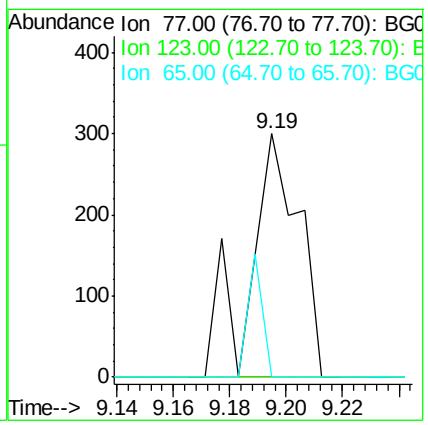


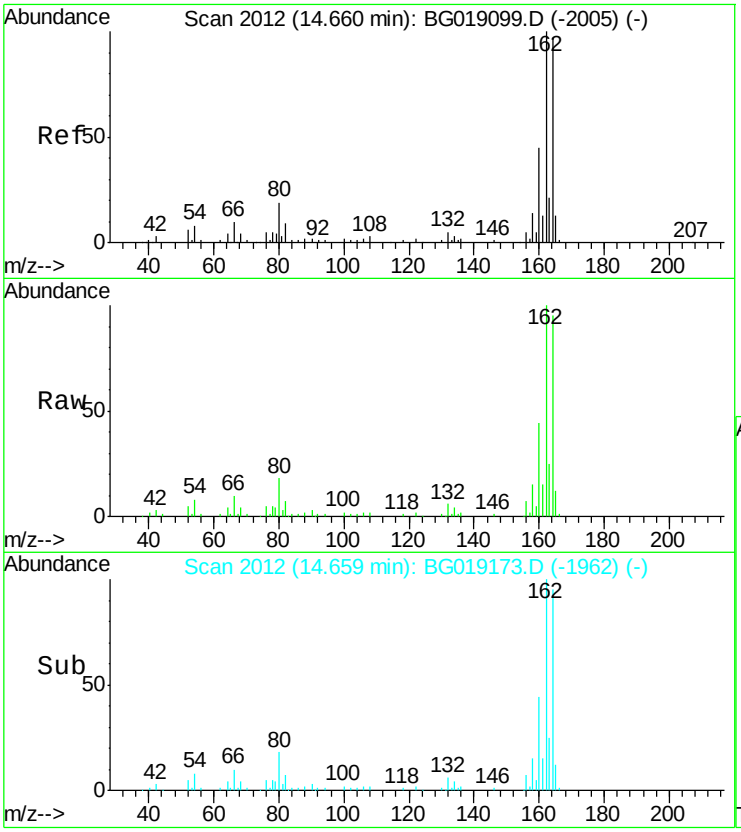


#24
Nitrobenzene
Concen: 0.25 ng
RT: 9.19 min Scan# 1082
Delta R.T. -0.05 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Tgt Ion: 77 Resp: 362

Ion	Ratio	Lower	Upper
77	100		
123	0.0	31.8	47.6#
65	0.0	11.8	17.6#



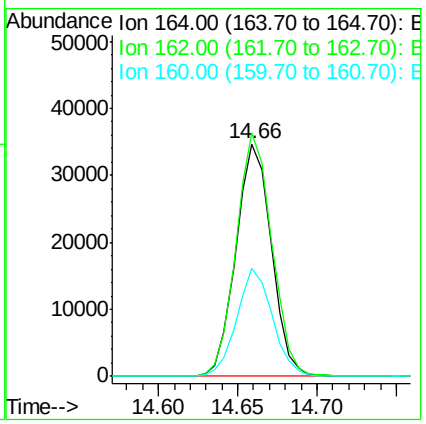


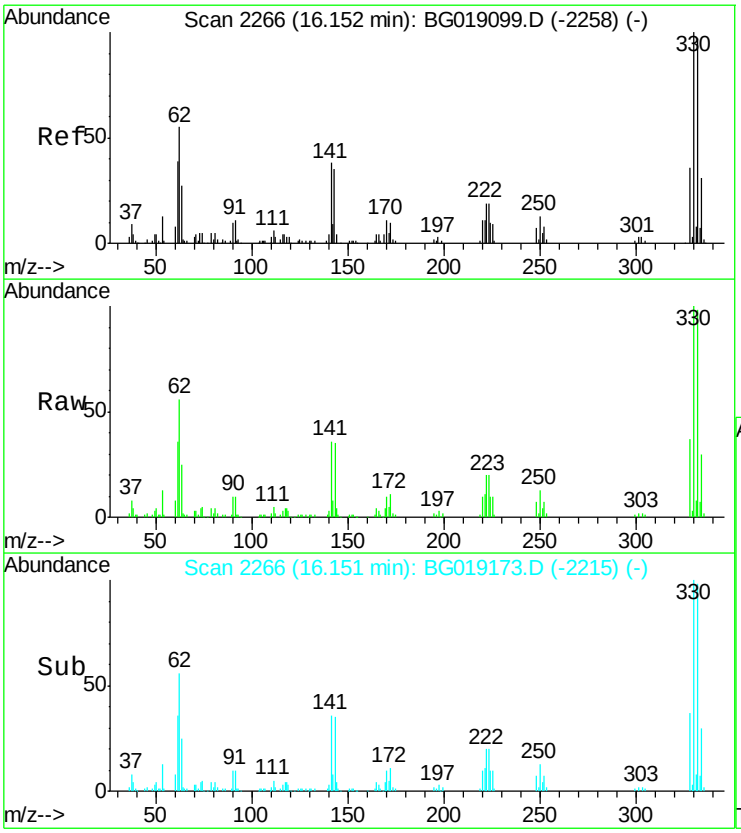
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Instrument :
BNA_G
ClientSampleId :
PB85644BL

Tgt Ion:164 Resp: 53649

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.6	124.0
160	46.2	36.9	55.3

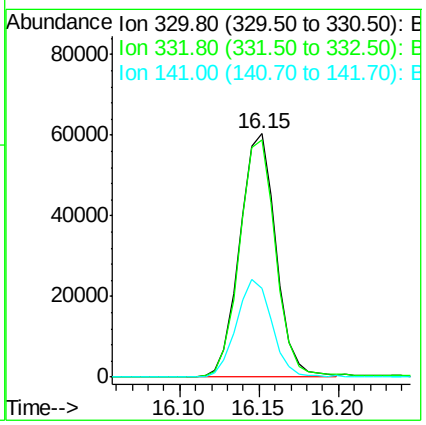


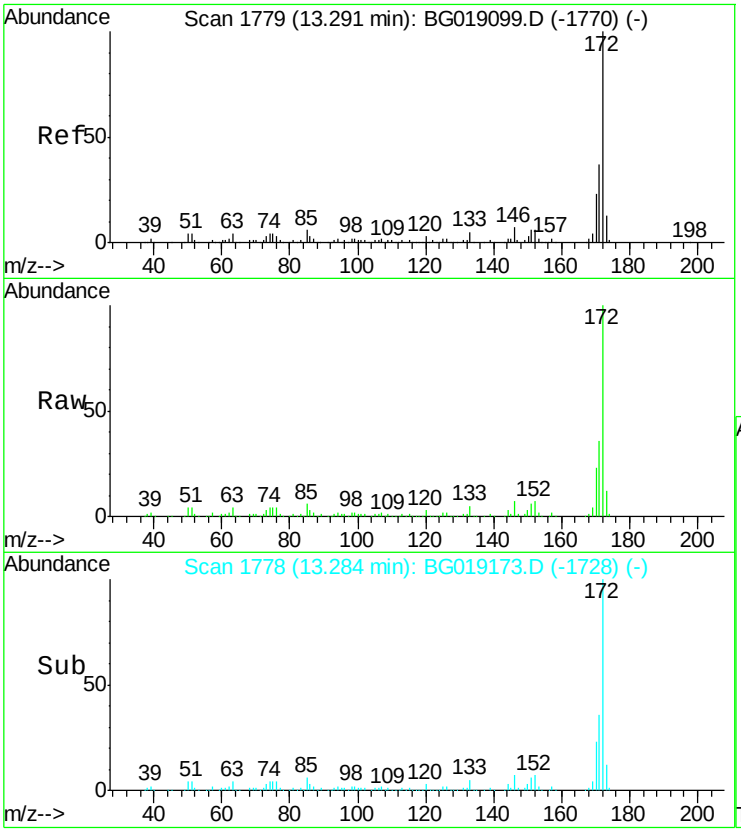


#41
2,4,6-Tribromophenol
Concen: 130.60 ng
RT: 16.15 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Tgt Ion:330 Resp: 95478

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.3	115.9
141	39.8	30.7	46.1



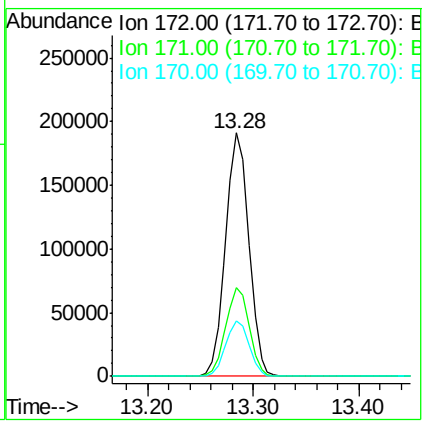


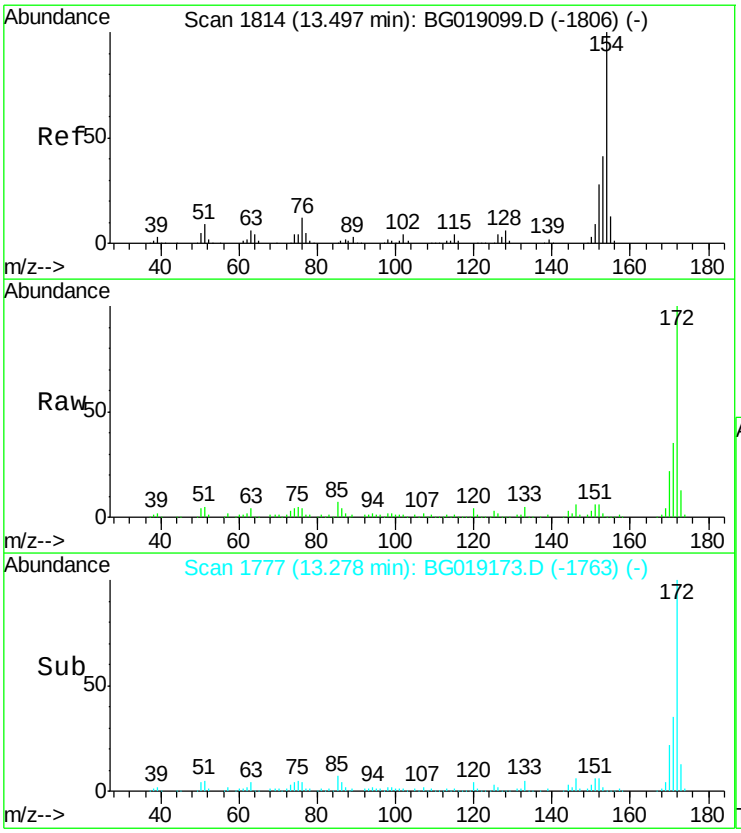
#44
2-Fluorobiphenyl
Concen: 83.33 ng
RT: 13.28 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Instrument :
BNA_G
ClientSampleId :
PB85644BL

Tgt Ion:172 Resp: 290745

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.9	44.9
170	22.9	18.6	27.8

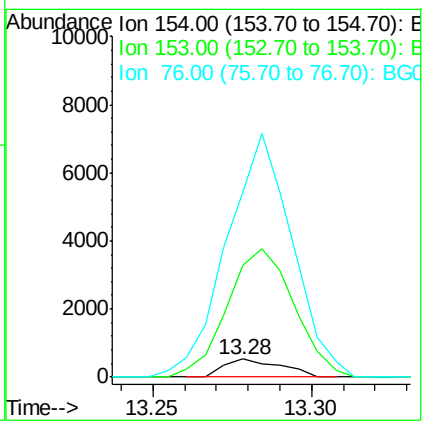


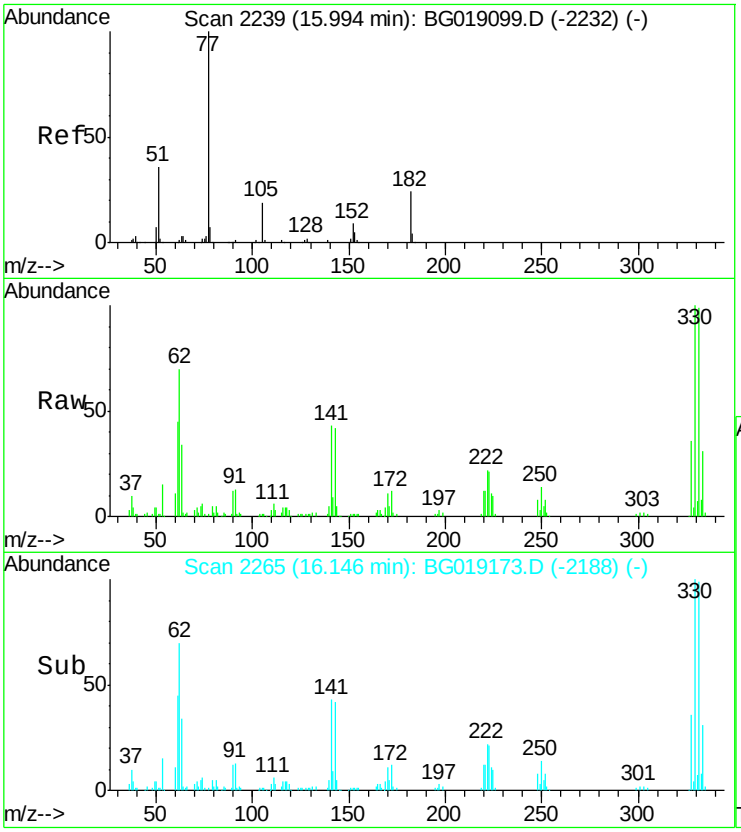


#45
1,1'-Biphenyl
Concen: 0.17 ng
RT: 13.28 min Scan# 1777
Delta R.T. -0.22 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Tgt Ion:154 Resp: 657

Ion	Ratio	Lower	Upper
154	100		
153	618.4	20.6	60.6#
76	1014.0	0.0	32.2#



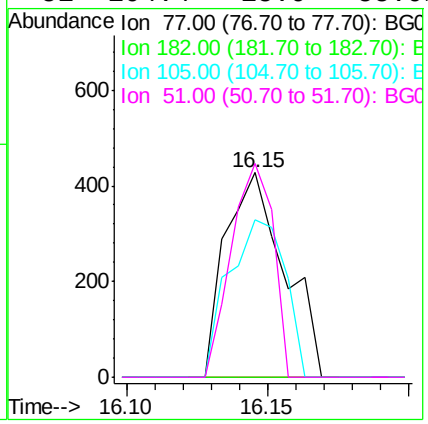


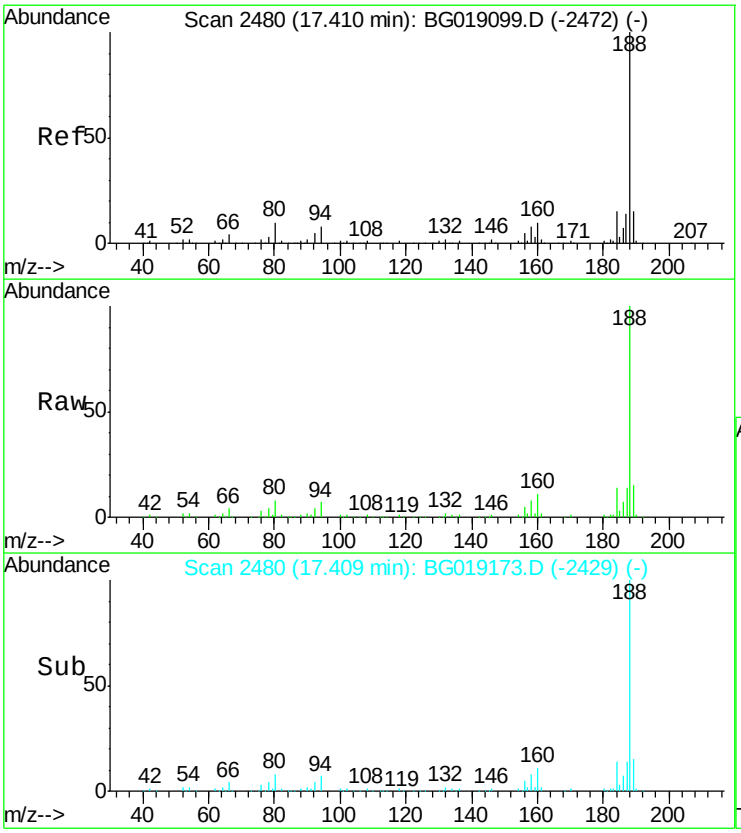
#62
Azobenzene
Concen: 0.15 ng
RT: 16.15 min Scan# 2265
Delta R.T. 0.15 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Instrument :
BNA_G
ClientSampleId :
PB85644BL

Tgt Ion: 77 Resp: 619

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.4	44.4#
105	77.3	0.0	39.1#
51	104.4	15.9	55.9#

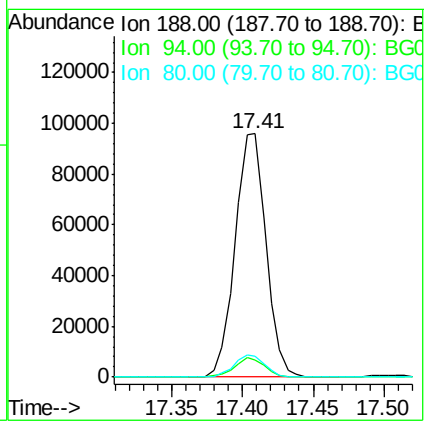


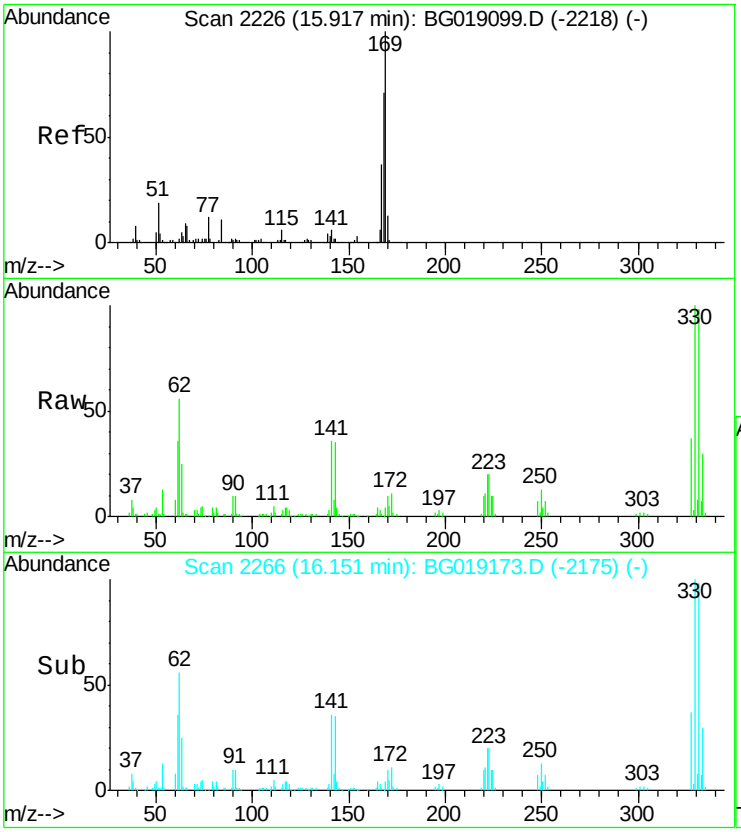


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Tgt Ion:188 Resp: 146172

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.4	9.6
80	8.3	7.6	11.4



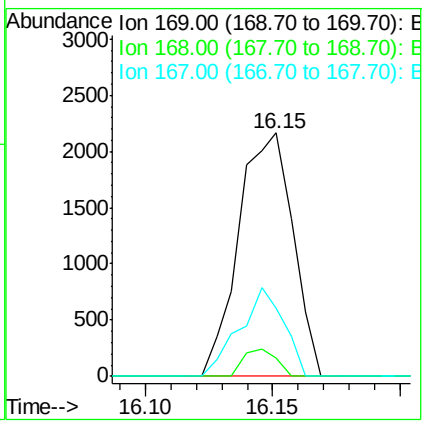


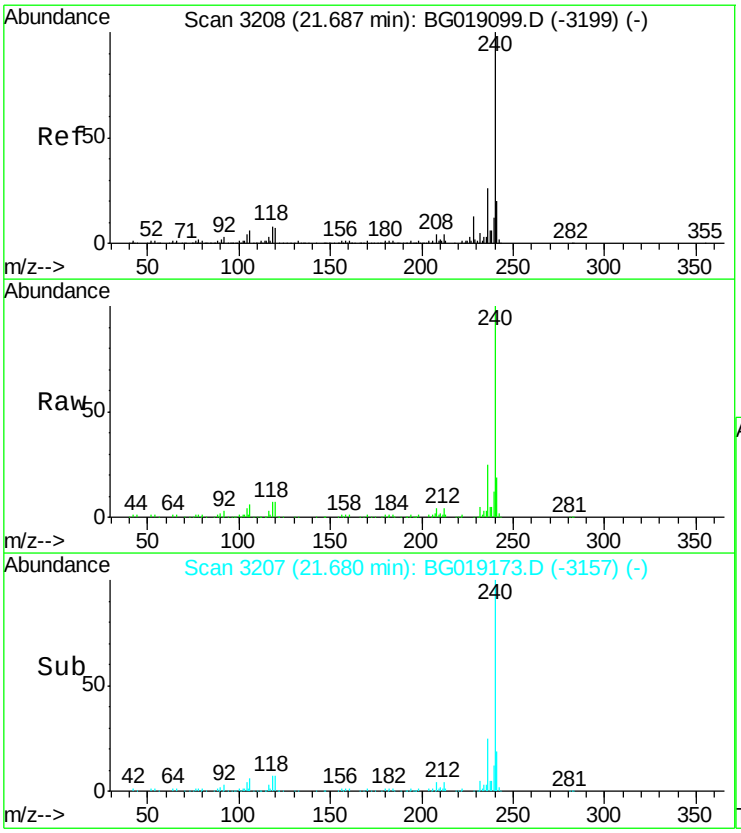
#65
n-Nitrosodiphenylamine
Concen: 0.80 ng
RT: 16.15 min Scan# 2266
Delta R.T. 0.23 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Instrument :
BNA_G
ClientSampleId :
PB85644BL

Tgt Ion:169 Resp: 3221

Ion	Ratio	Lower	Upper
169	100		
168	7.5	56.6	84.8#
167	27.9	30.0	45.0#

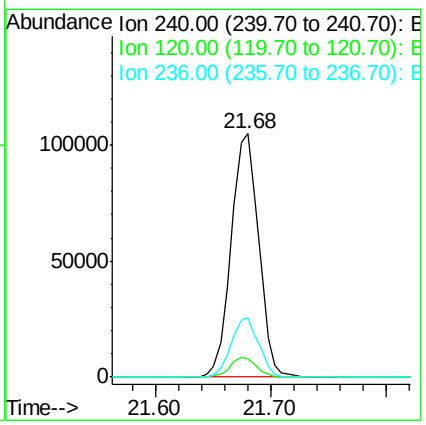


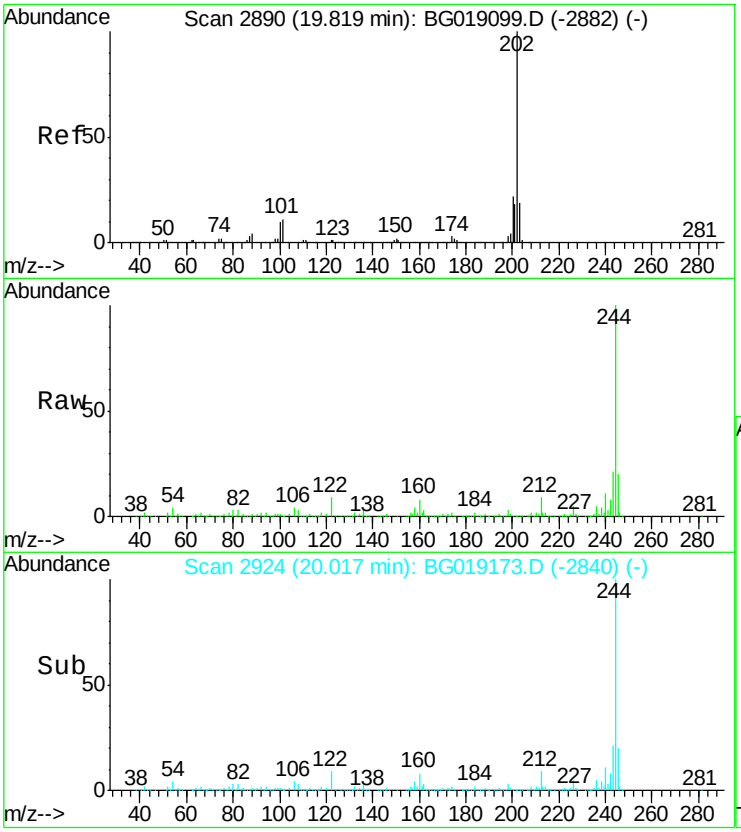


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Tgt Ion:240 Resp: 173502

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.8	8.6
236	24.6	21.2	31.8



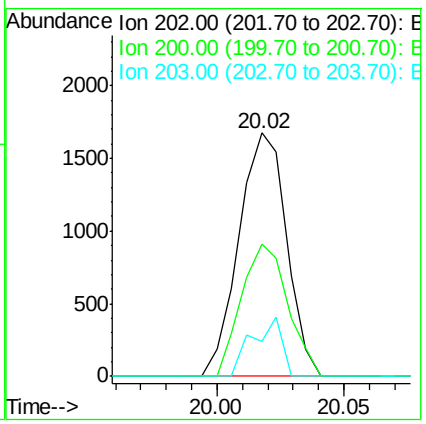


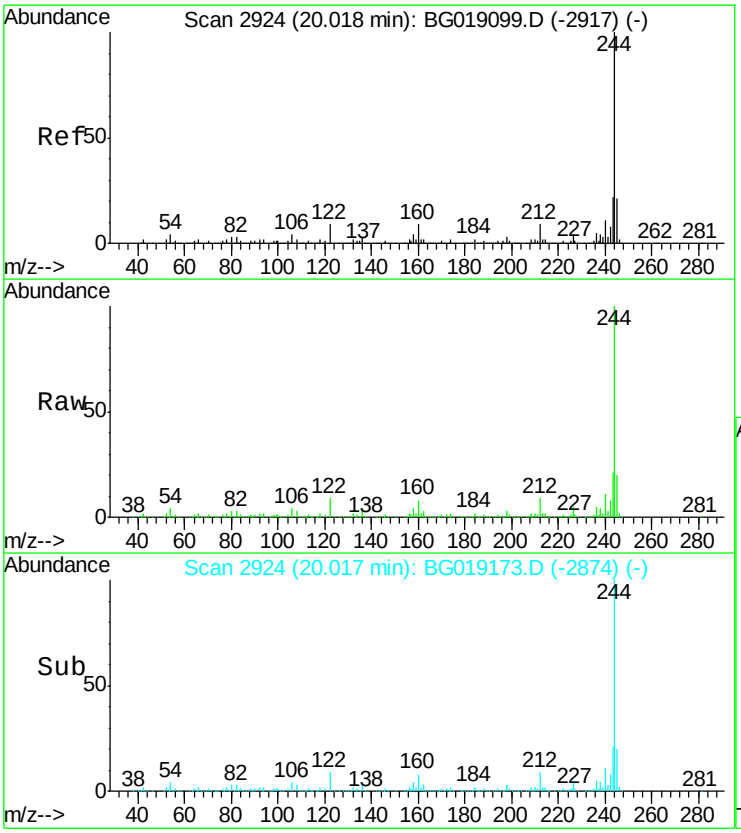
#77
Pyrene
Concen: 0.23 ng
RT: 20.02 min Scan# 2924
Delta R.T. 0.19 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Instrument :
BNA_G
ClientSampleId :
PB85644BL

Tgt Ion:202 Resp: 2192

Ion	Ratio	Lower	Upper
202	100		
200	54.2	17.4	26.2#
203	14.4	14.8	22.2#

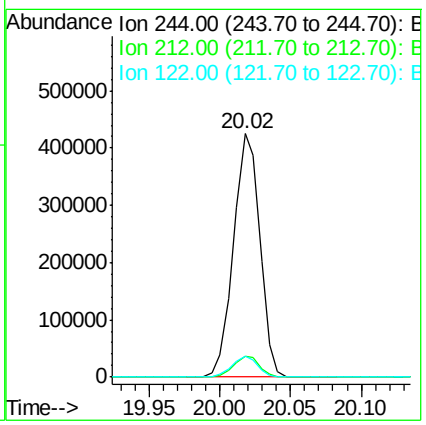


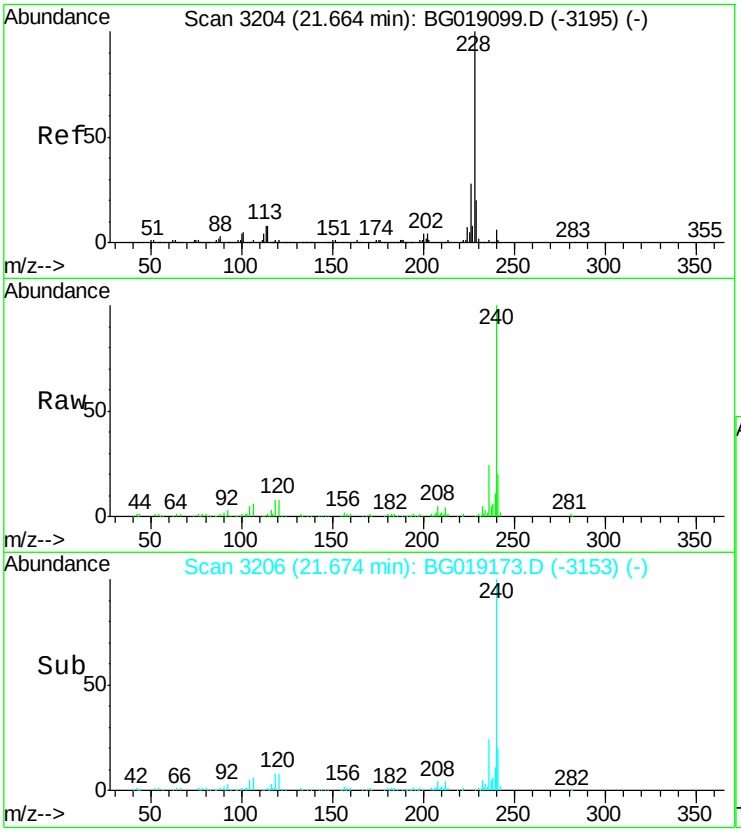


#78
Terphenyl-d14
Concen: 84.15 ng
RT: 20.02 min Scan# 2924
Delta R.T. -0.01 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Tgt Ion:244 Resp: 552743

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.8	10.2
122	8.7	7.4	11.2



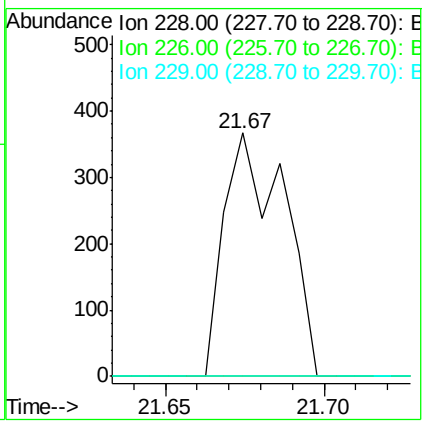


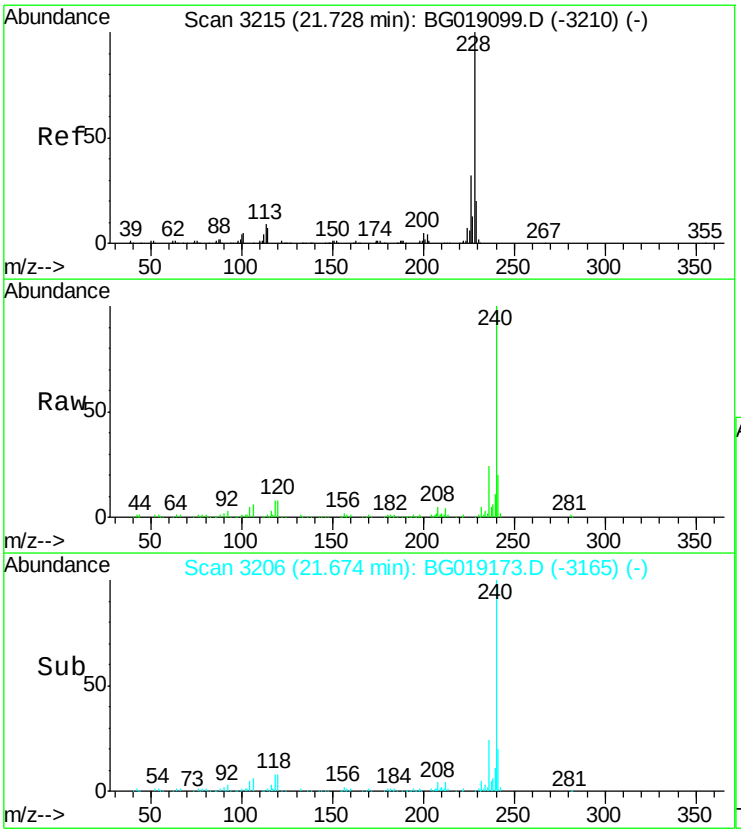
#80
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.67 min Scan# 3206
Delta R.T. 0.01 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Instrument :
BNA_G
ClientSampleId :
PB85644BL

Tgt Ion:228 Resp: 480

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.4	33.6#
229	0.0	16.2	24.2#

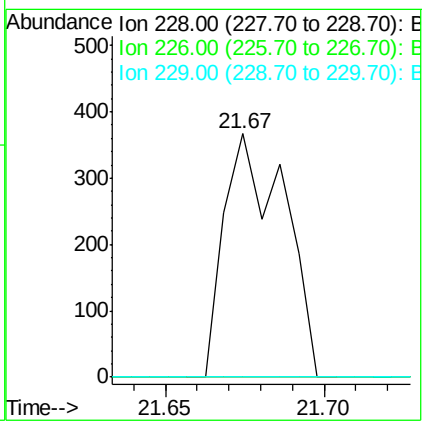


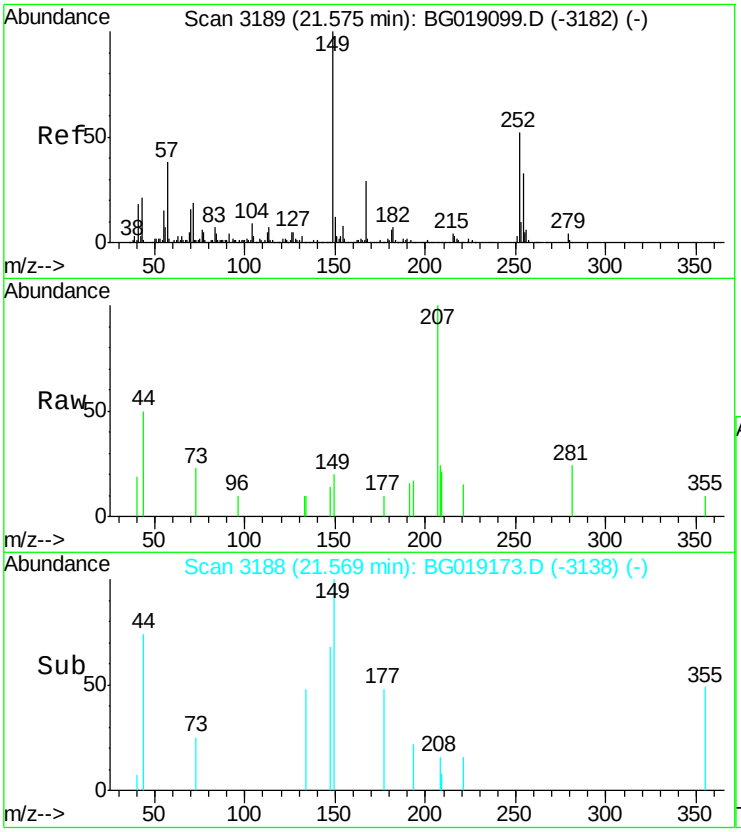


#82
Chrysene
Concen: 0.05 ng
RT: 21.67 min Scan# 3206
Delta R.T. -0.06 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Tgt Ion:228 Resp: 480

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.2	37.8#
229	0.0	16.3	24.5#



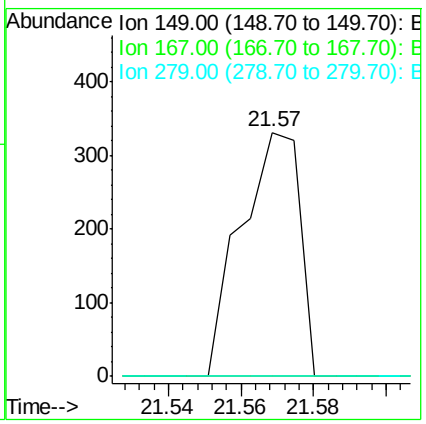


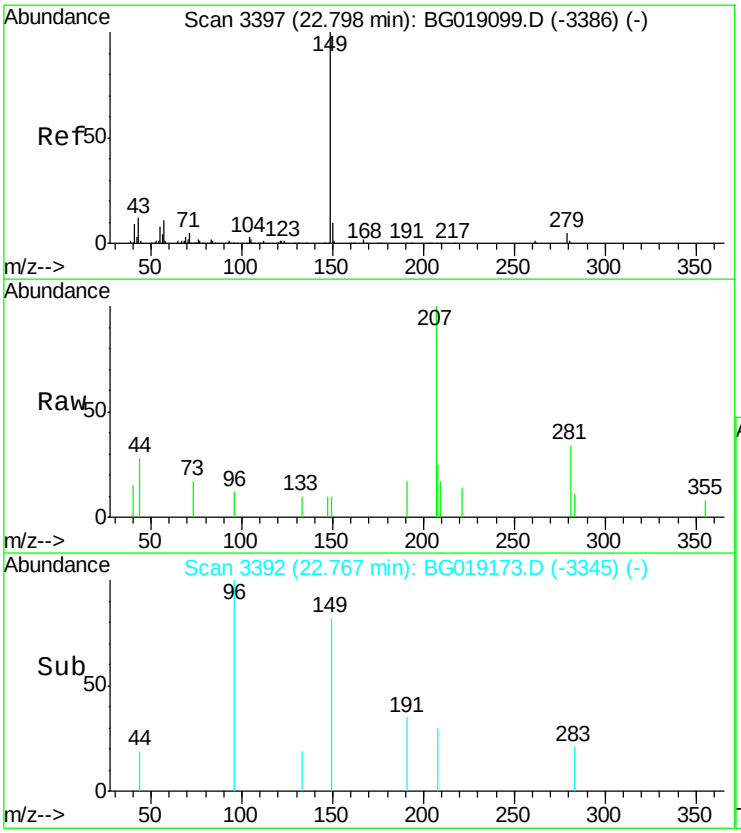
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.07 ng
RT: 21.57 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Instrument :
BNA_G
ClientSampleId :
PB85644BL

Tgt Ion:149 Resp: 372

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.8	34.2#
279	0.0	3.6	5.4#

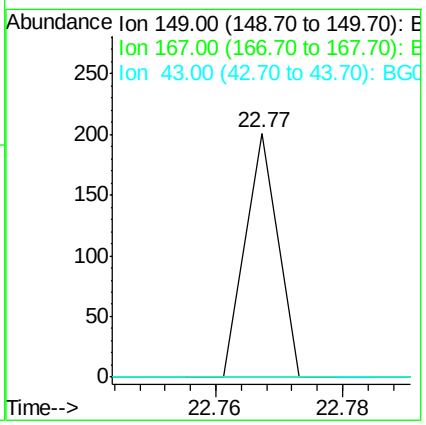


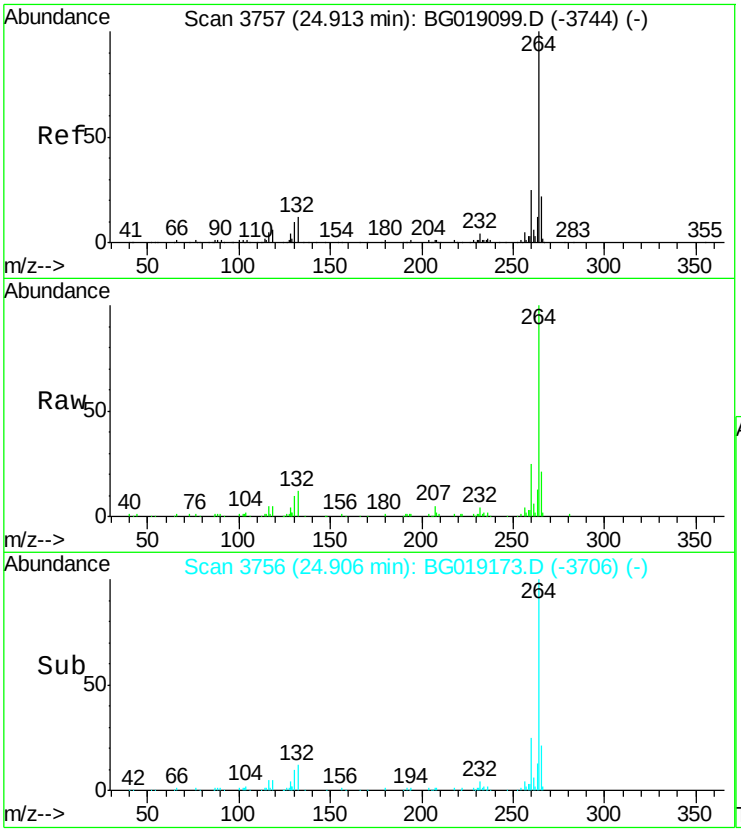


#84
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 22.77 min Scan# 3392
Delta R.T. -0.02 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Tgt Ion:149 Resp: 71

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	10.1	15.1#



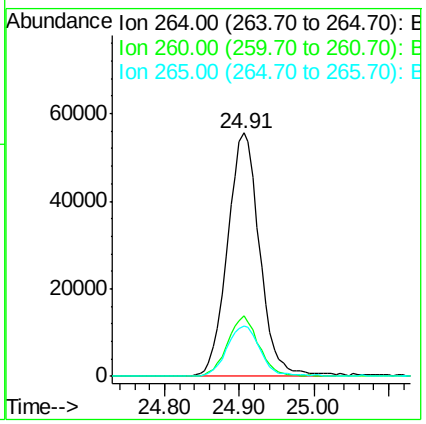


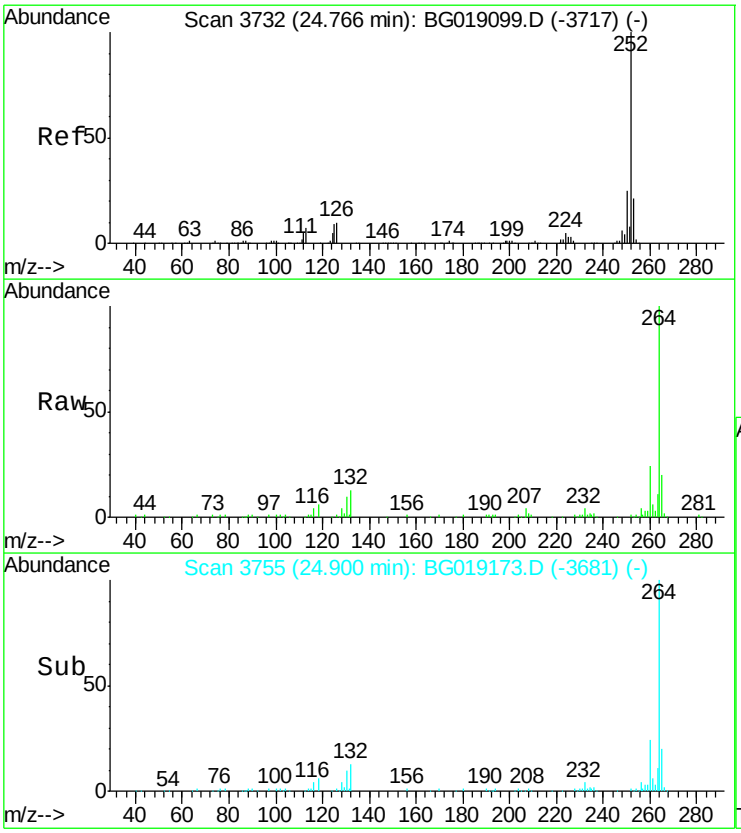
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.91 min Scan# 3756
Delta R.T. -0.01 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Instrument :
BNA_G
ClientSampleId :
PB85644BL

Tgt Ion:264 Resp: 166203

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	20.8	17.2	25.8





#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 24.90 min Scan# 3755
Delta R.T. 0.13 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Tgt Ion:252 Resp: 456

Ion	Ratio	Lower	Upper
252	100		
253	56.1	17.0	25.4#
125	0.0	7.2	10.8#