Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
Data File : BG019120.D
Acq On : 10 Oct 2015 16:49
Operator : UM/NP
Sample : PB86038BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 12 06:34:59 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 06:30:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	15364	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	64717	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	46543	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	130237	20.00	ng	0.00
75) Chrysene-d12	21.68	240	172146	20.00	ng	0.00
86) Perylene-d12	24.91	264	163007	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	98932	131.11	ng	0.00
7) Phenol-d6	7.19	99	145620	125.62	ng	0.00
23) Nitrobenzene-d5	9.19	82	97242	83.02	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	78276	123.42	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	240823	79.56	ng	0.00
78) Terphenyl-d14	20.02	244	531691	81.59	ng	0.00
Target Compounds						Qvalue
6) Aniline	7.57	93	62	0.04	ng	# 1
9) Benzaldehyde	7.20	77	192	0.26	ng	# 3
11) bis(2-Chloroethyl)ether	7.57	93	62	0.07	ng	# 1
15) Benzyl Alcohol	8.35	79	1592	1.54	ng	# 57
24) Nitrobenzene	9.18	77	338	0.27	ng	# 43
45) 1,1'-Biphenyl	13.28	154	380	0.11	ng	# 1
62) Azobenzene	16.14	77	509	0.14	ng	# 1
65) n-Nitrosodiphenylamine	16.15	169	2865	0.80	ng	# 36
77) Pyrene	20.02	202	2221	0.23	ng	# 65
79) Butylbenzylphthalate	20.62	149	56	0.01	ng	# 22
80) Benzo(a)anthracene	21.69	228	616	0.07	ng	# 51
82) Chrysene	21.69	228	616	0.07	ng	# 48
83) Bis(2-ethylhexyl)phthalate	21.60	149	126	0.02	ng	# 52
84) Di-n-octyl phthalate	22.95	149	56	0.01	ng	# 1
89) Benzo(a)pyrene	24.88	252	59	0.01	ng	# 61

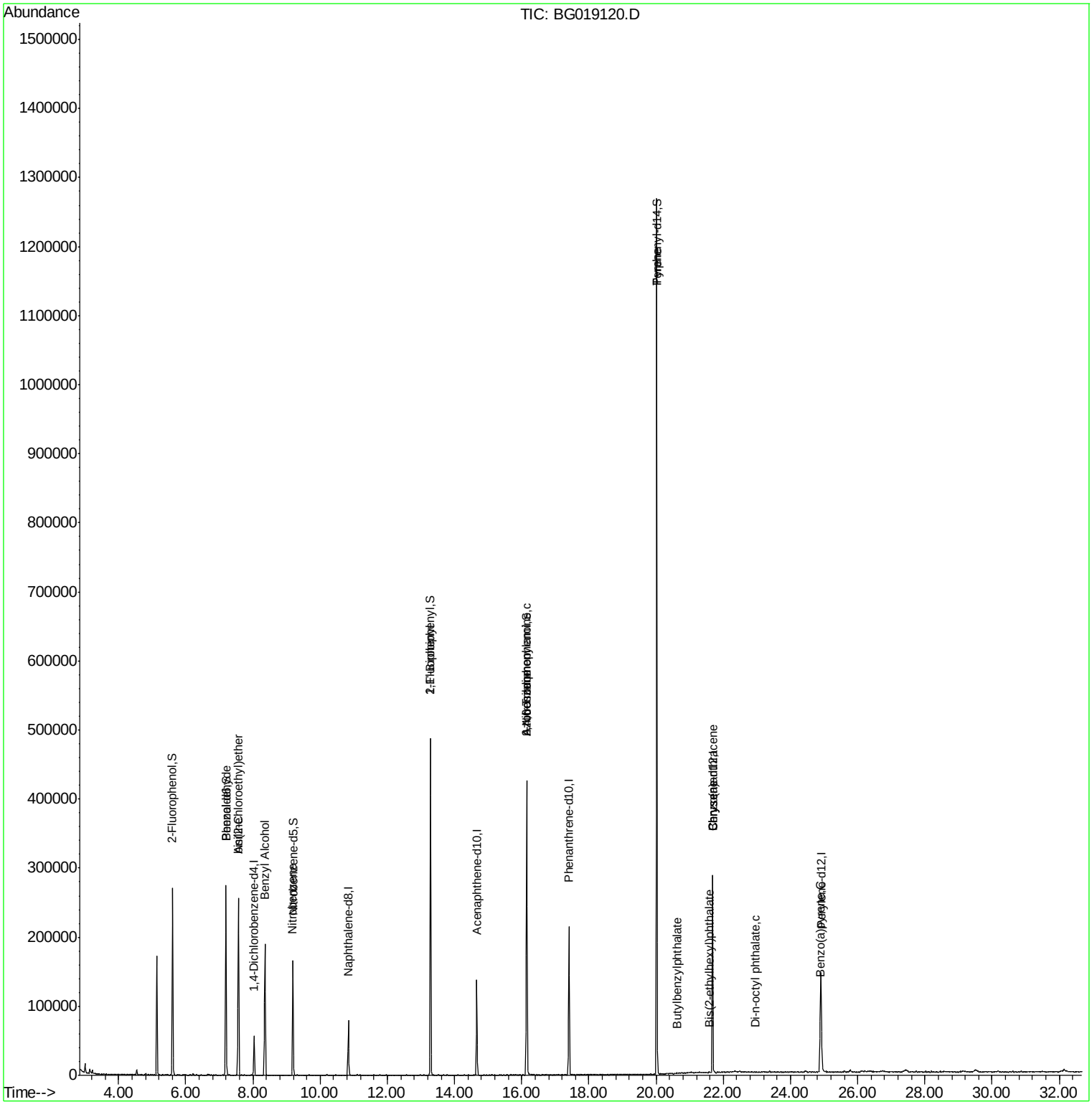
(#) = qualifier out of range (m) = manual integration (+) = signals summed

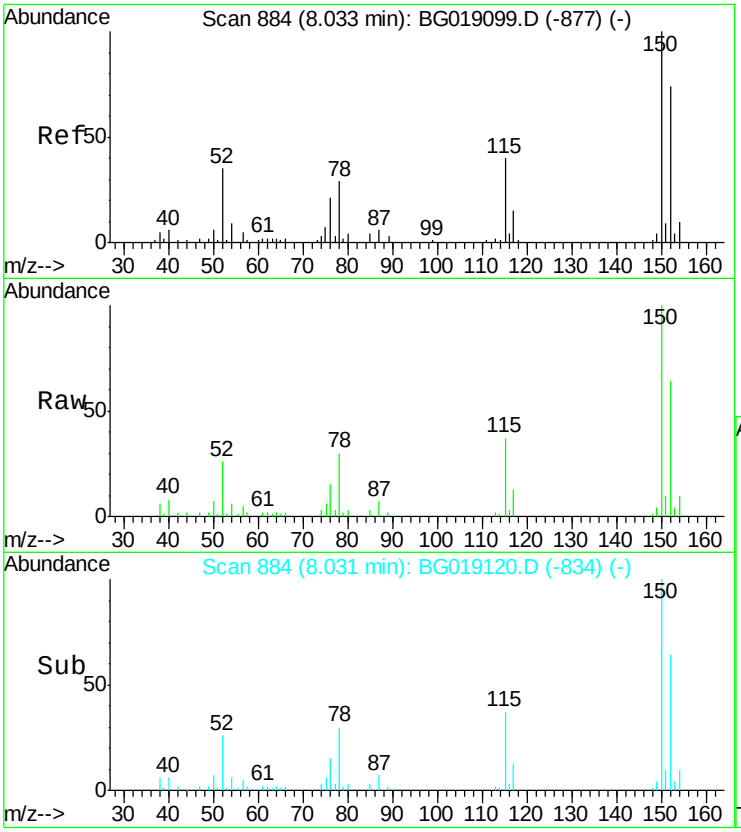
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
Data File : BG019120.D
Acq On : 10 Oct 2015 16:49
Operator : UM/NP
Sample : PB86038BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 12 06:34:59 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 06:30:50 2015
Response via : Initial Calibration



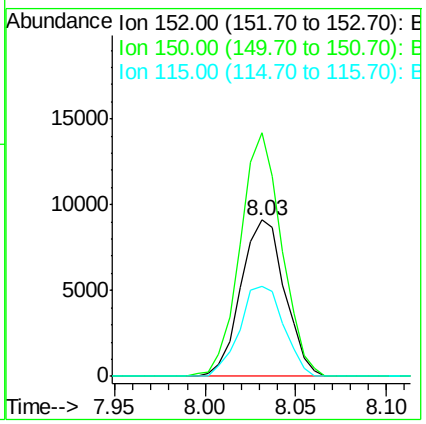


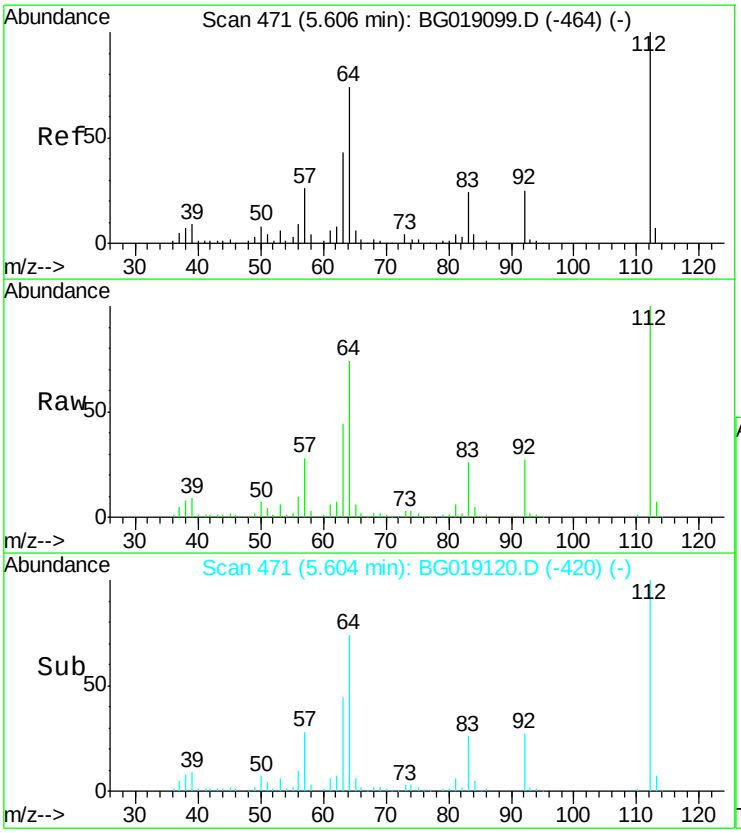
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 15364

Ion	Ratio	Lower	Upper
152	100		
150	155.7	108.2	162.2
115	57.2	43.2	64.8

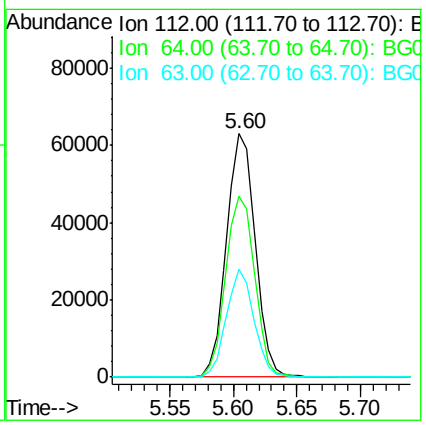


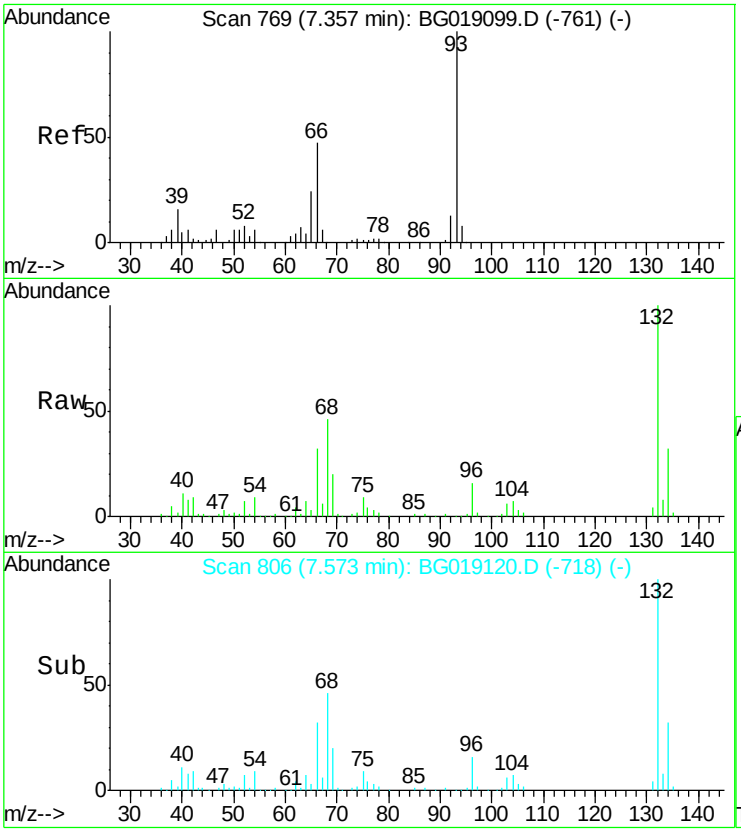


#5
2-Fluorophenol
Concen: 131.11 ng
RT: 5.60 min Scan# 471
Delta R.T. 0.00 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Tgt Ion:112 Resp: 98932

Ion	Ratio	Lower	Upper
112	100		
64	74.3	59.0	88.4
63	44.1	34.7	52.1



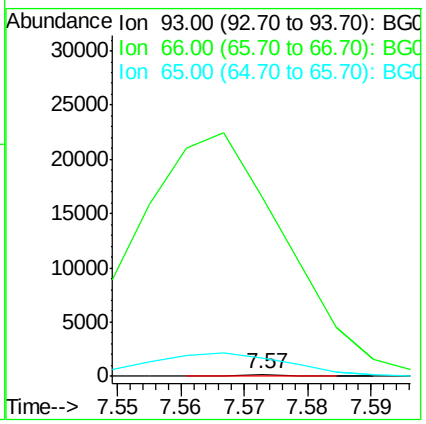


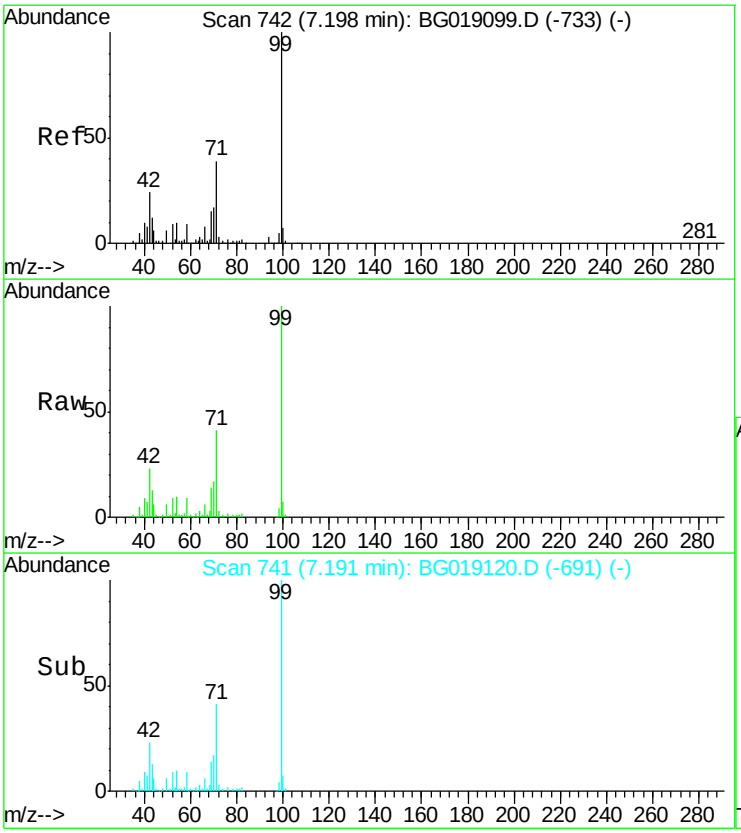
#6
Aniline
Concen: 0.04 ng
RT: 7.57 min Scan# 806
Delta R.T. 0.22 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 62

Ion	Ratio	Lower	Upper
93	100		
66	9342.4	37.4	56.2#
65	931.1	19.6	29.4#

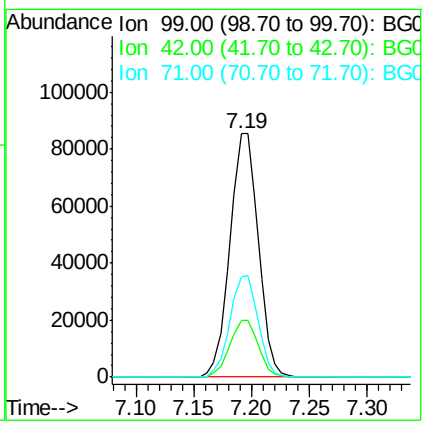


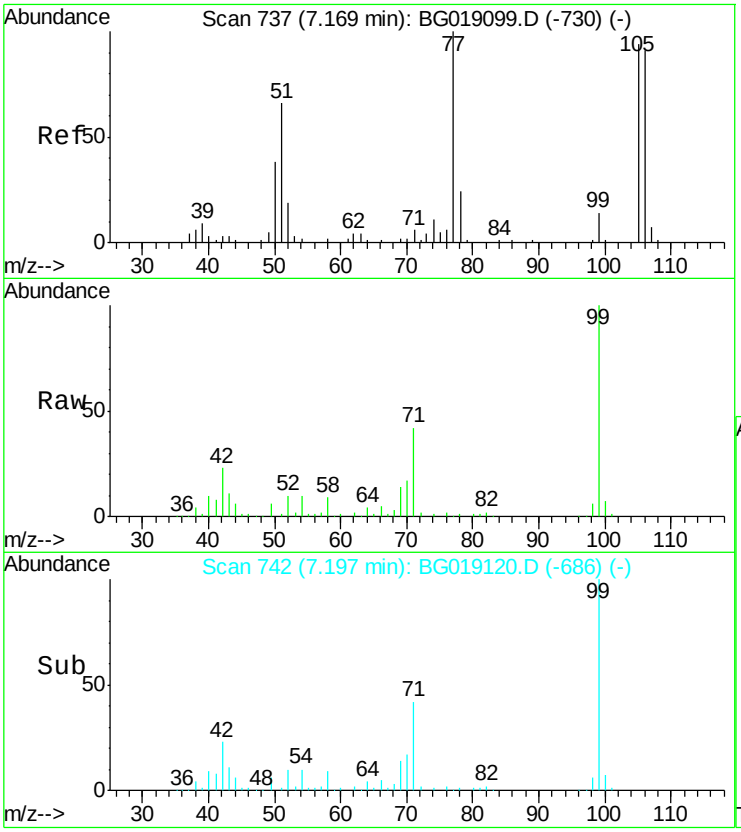


#7
Phenol-d6
Concen: 125.62 ng
RT: 7.19 min Scan# 741
Delta R.T. -0.01 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Tgt Ion: 99 Resp: 145620

Ion	Ratio	Lower	Upper
99	100		
42	23.2	19.5	29.3
71	41.1	31.4	47.0



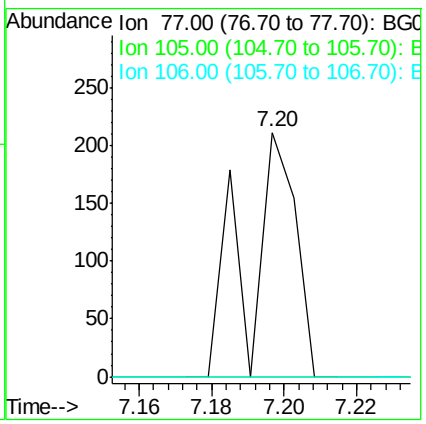


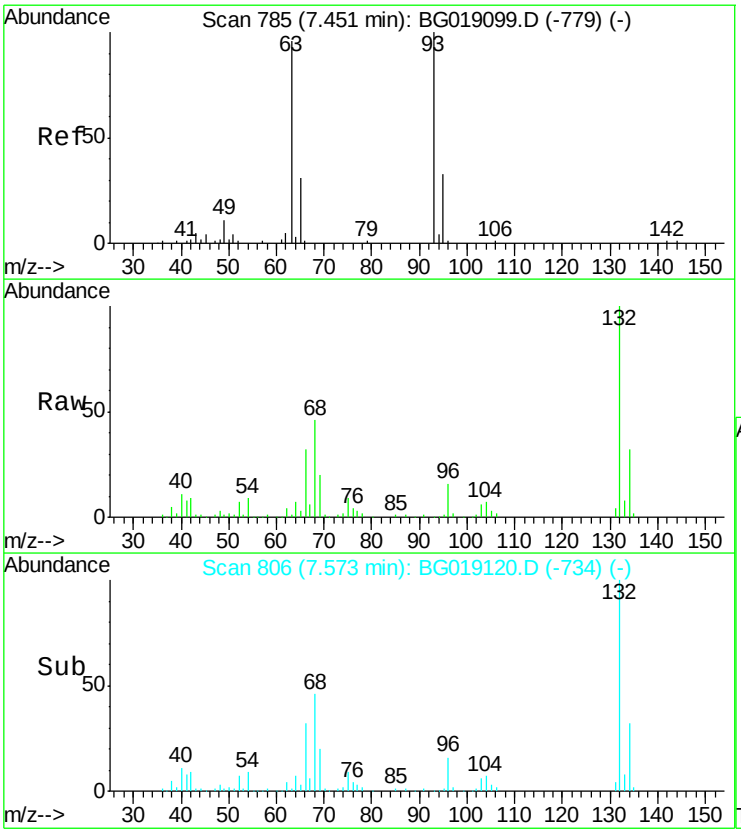
#9
Benzaldehyde
Concen: 0.26 ng
RT: 7.20 min Scan# 742
Delta R.T. 0.03 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 192

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

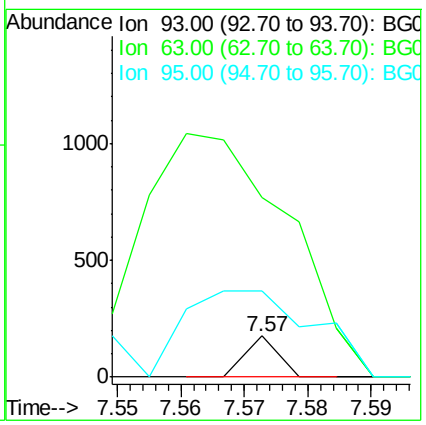


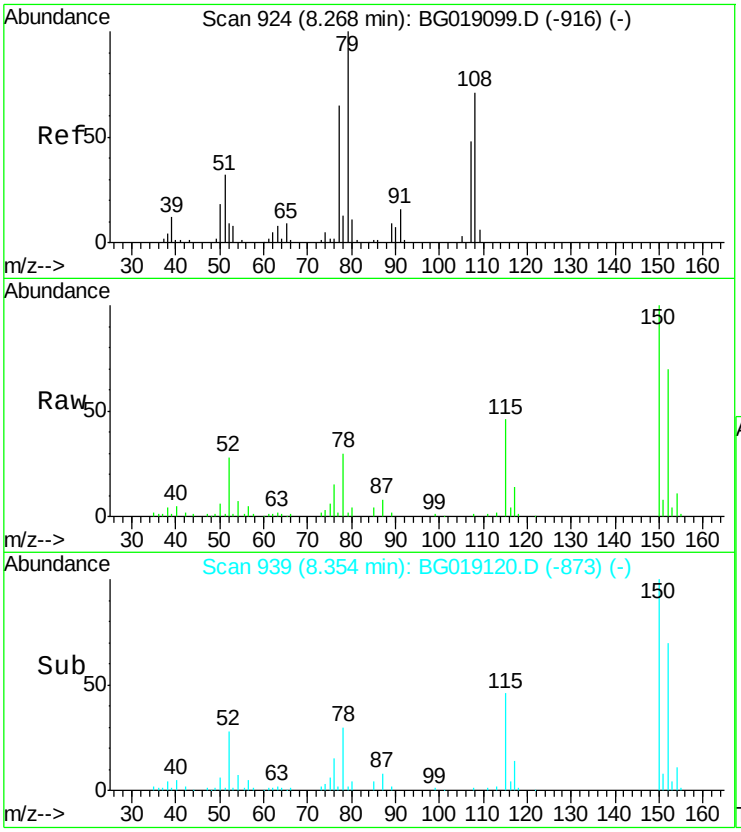


#11
bis(2-Chloroethyl)ether
Concen: 0.07 ng
RT: 7.57 min Scan# 806
Delta R.T. 0.12 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Tgt Ion: 93 Resp: 62

Ion	Ratio	Lower	Upper
93	100		
63	435.6	75.3	115.3#
95	209.0	12.9	52.9#



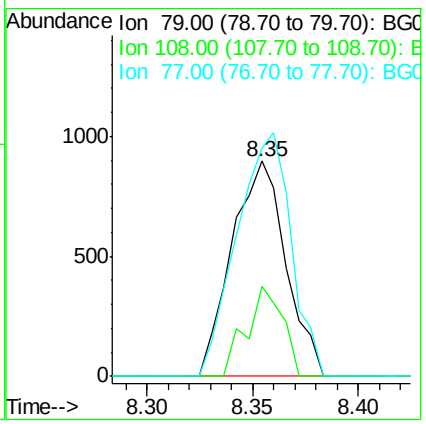


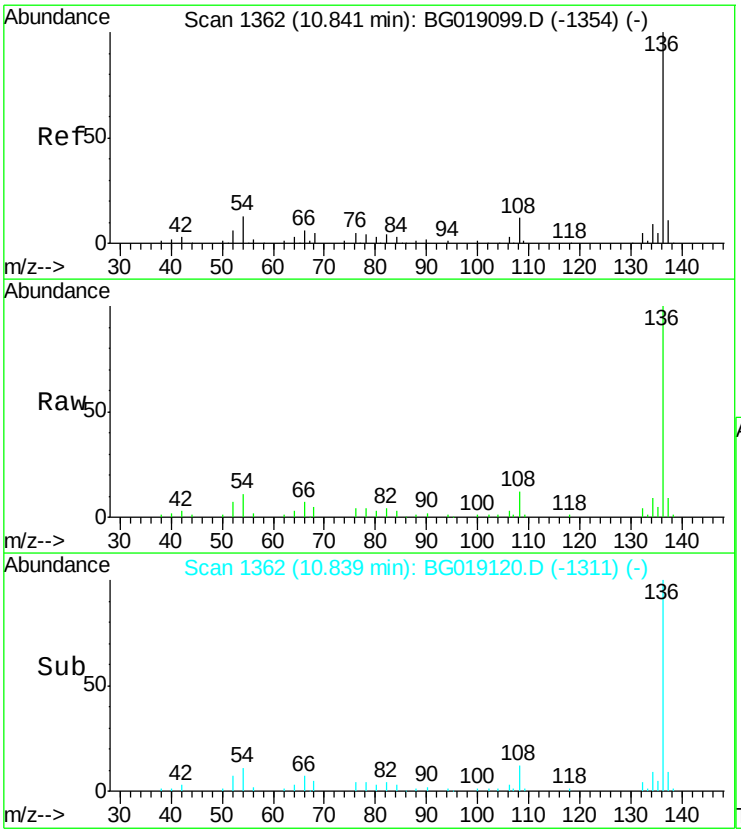
#15
Benzyl Alcohol
Concen: 1.54 ng
RT: 8.35 min Scan# 939
Delta R.T. 0.09 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 1592

Ion	Ratio	Lower	Upper
79	100		
108	41.9	56.6	84.8#
77	105.9	51.6	77.4#

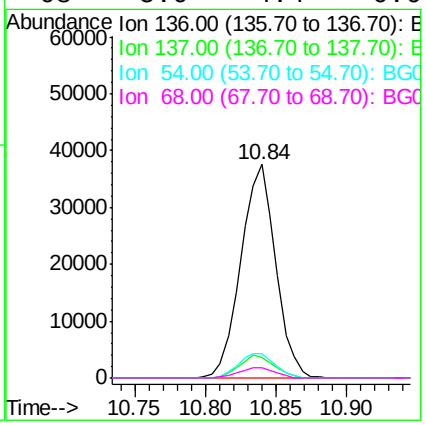


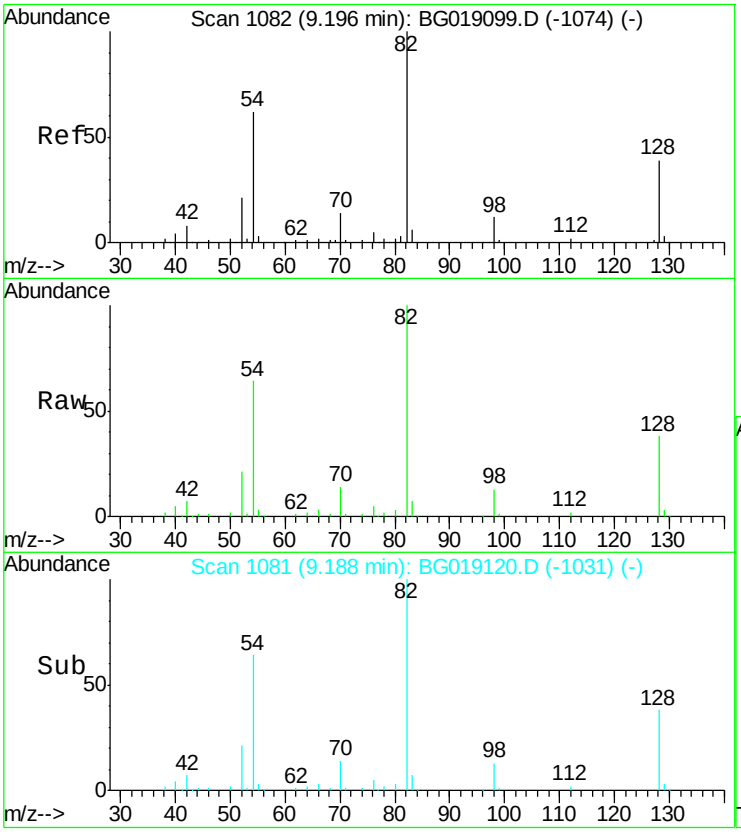


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Tgt Ion:136 Resp: 64717

Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.0	13.4
54	11.4	10.1	15.1
68	5.0	4.4	6.6



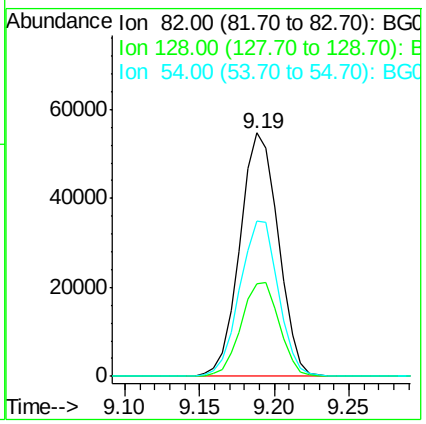


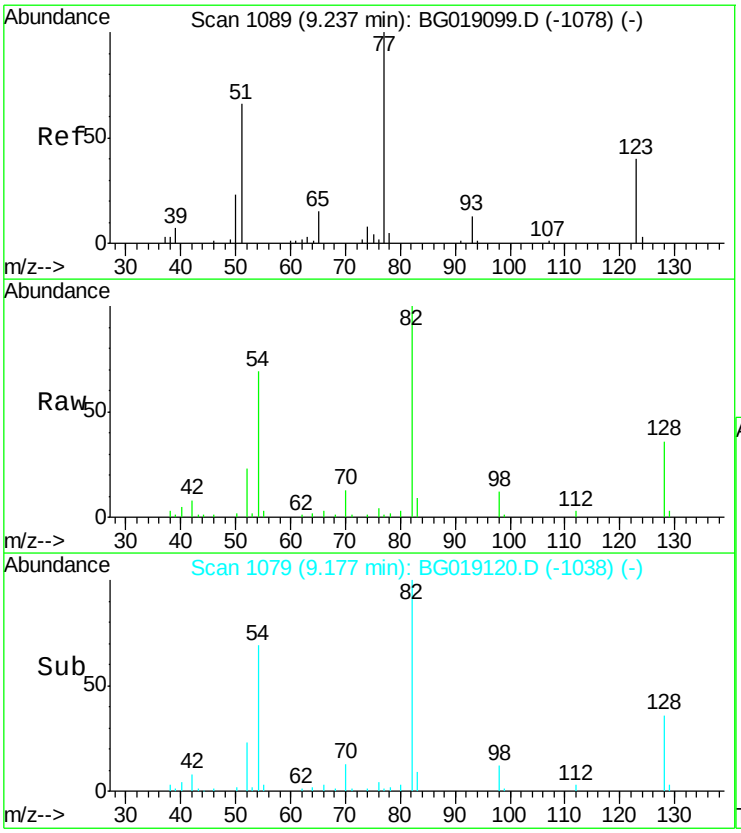
#23
Nitrobenzene-d5
Concen: 83.02 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 97242

Ion	Ratio	Lower	Upper
82	100		
128	38.1	31.4	47.2
54	63.9	50.0	75.0

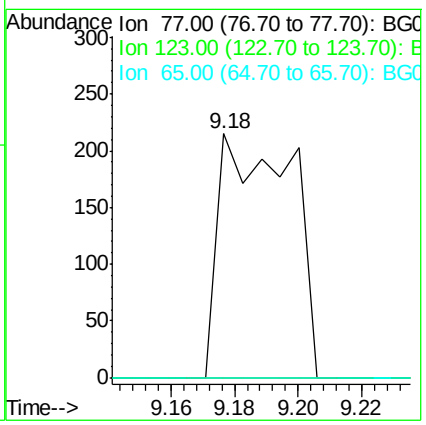


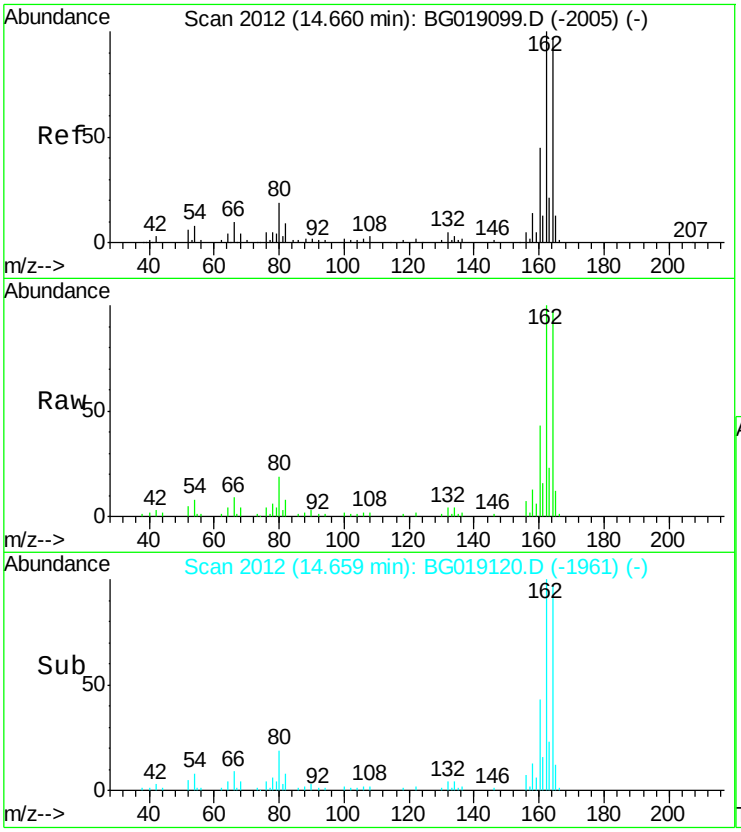


#24
Nitrobenzene
Concen: 0.27 ng
RT: 9.18 min Scan# 1079
Delta R.T. -0.06 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Tgt Ion: 77 Resp: 338

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



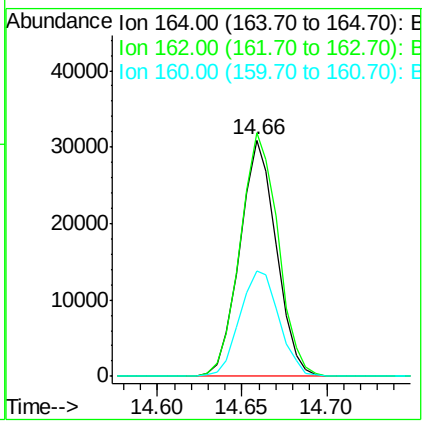


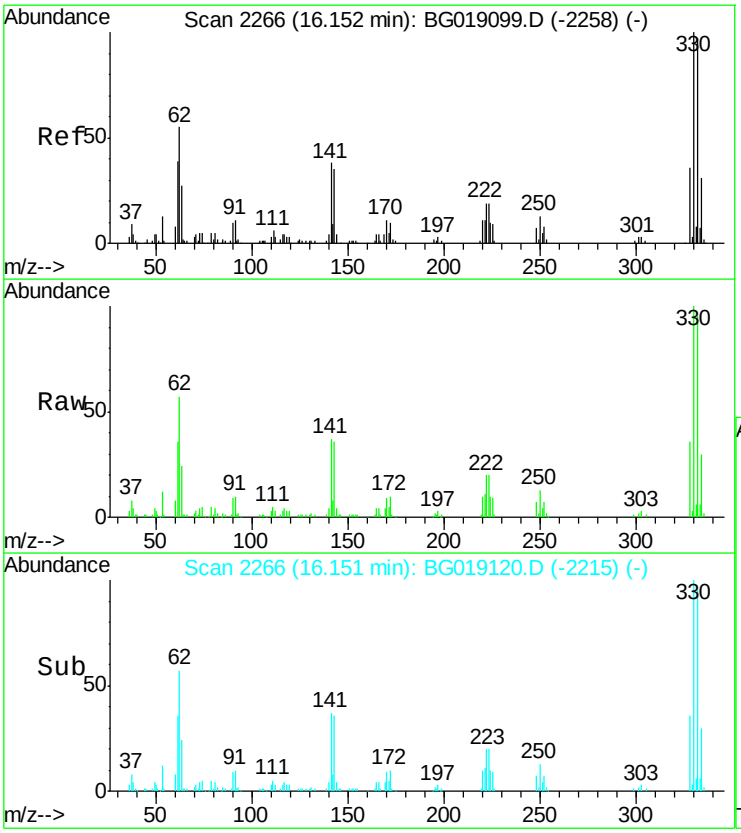
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 46543

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	124.0
160	44.6	36.9	55.3

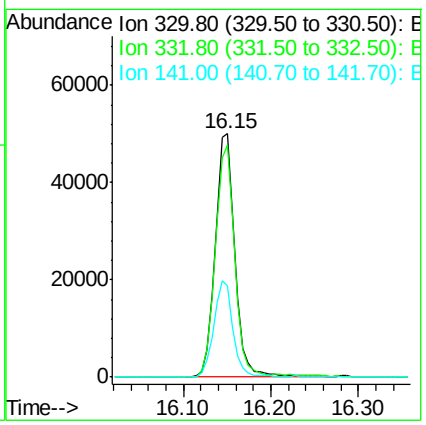


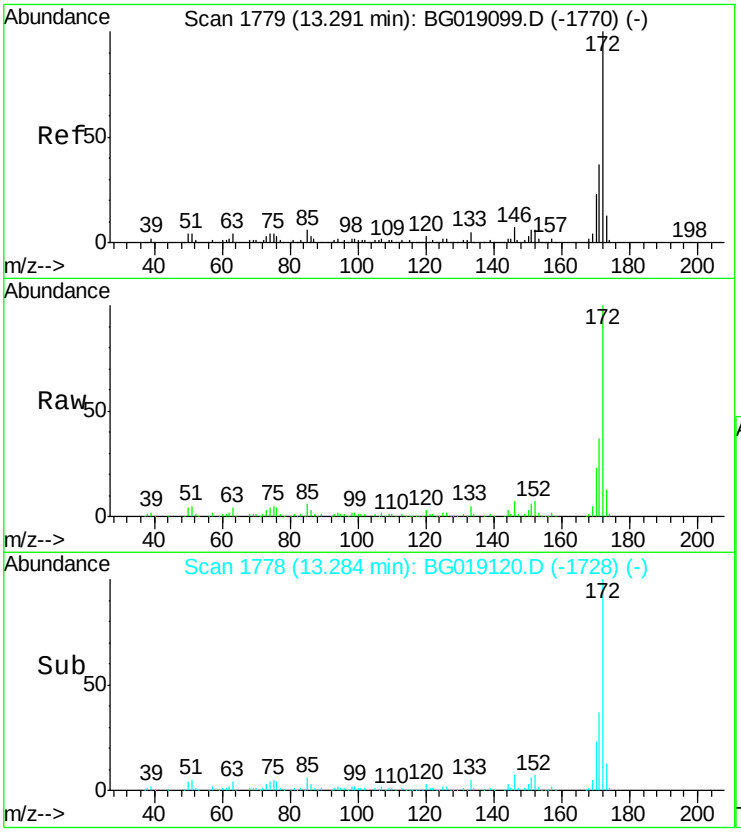


#41
2,4,6-Tribromophenol
Concen: 123.42 ng
RT: 16.15 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Tgt Ion:330 Resp: 78276

Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.3	115.9
141	38.2	30.7	46.1



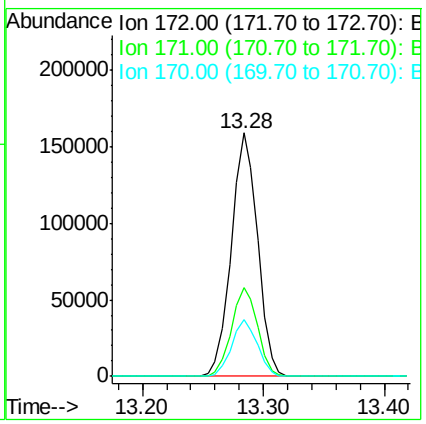


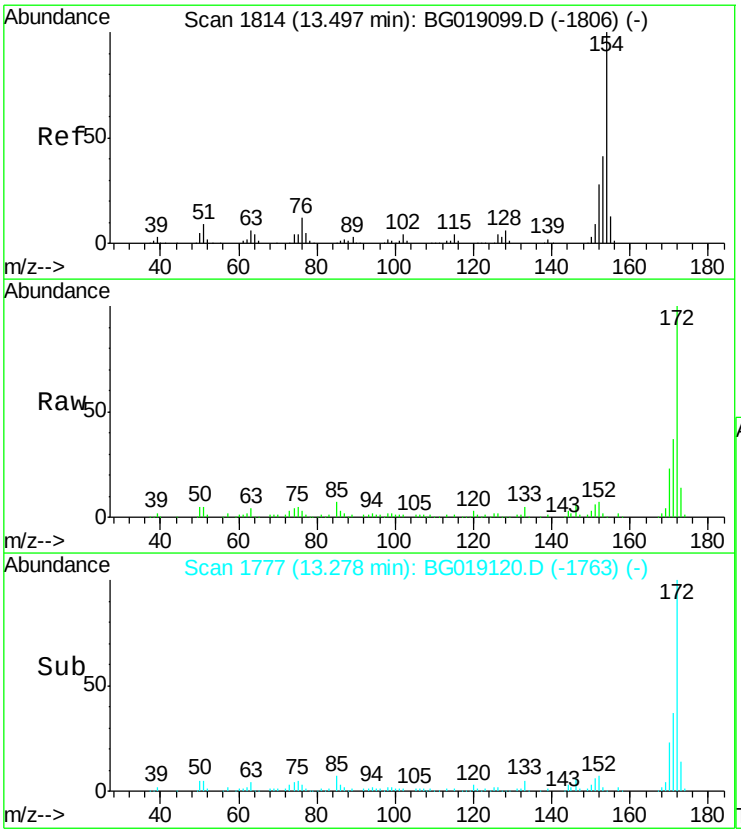
#44
2-Fluorobiphenyl
Concen: 79.56 ng
RT: 13.28 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 240823

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	23.3	18.6	27.8

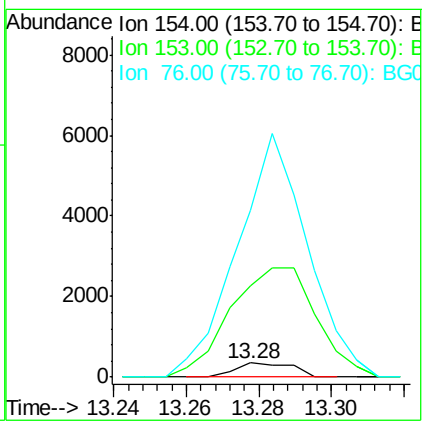


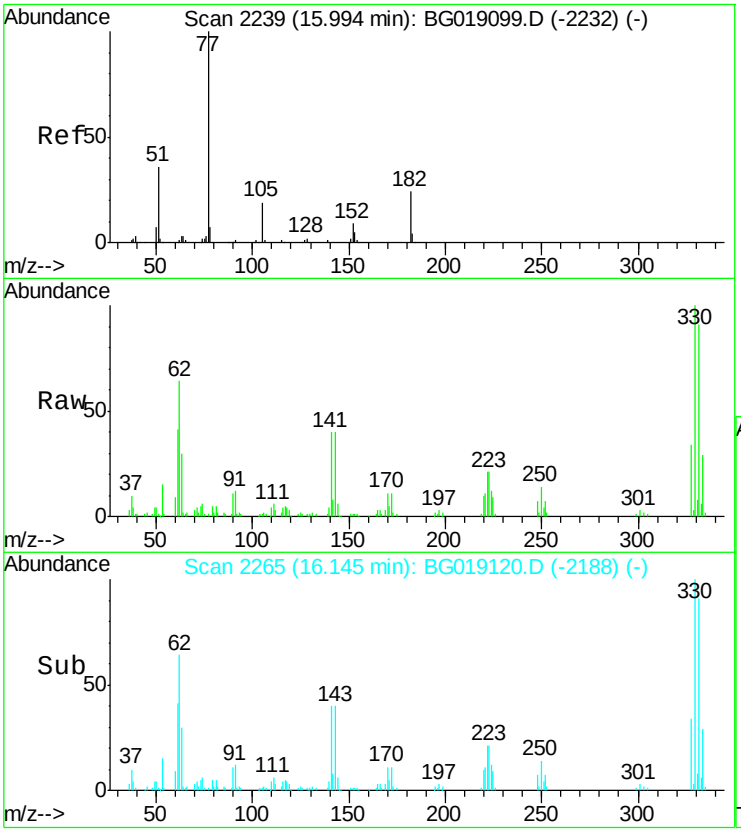


#45
1,1'-Biphenyl
Concen: 0.11 ng
RT: 13.28 min Scan# 1777
Delta R.T. -0.22 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Tgt Ion:154 Resp: 380

Ion	Ratio	Lower	Upper
154	100		
153	653.9	20.6	60.6#
76	1196.5	0.0	32.2#



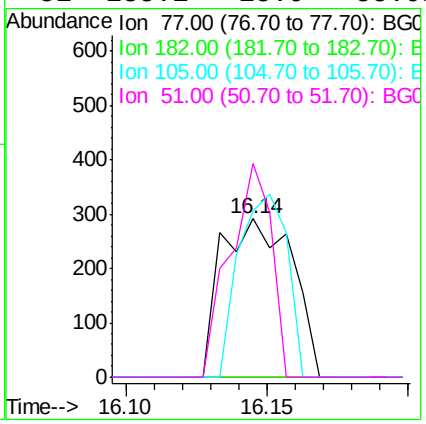


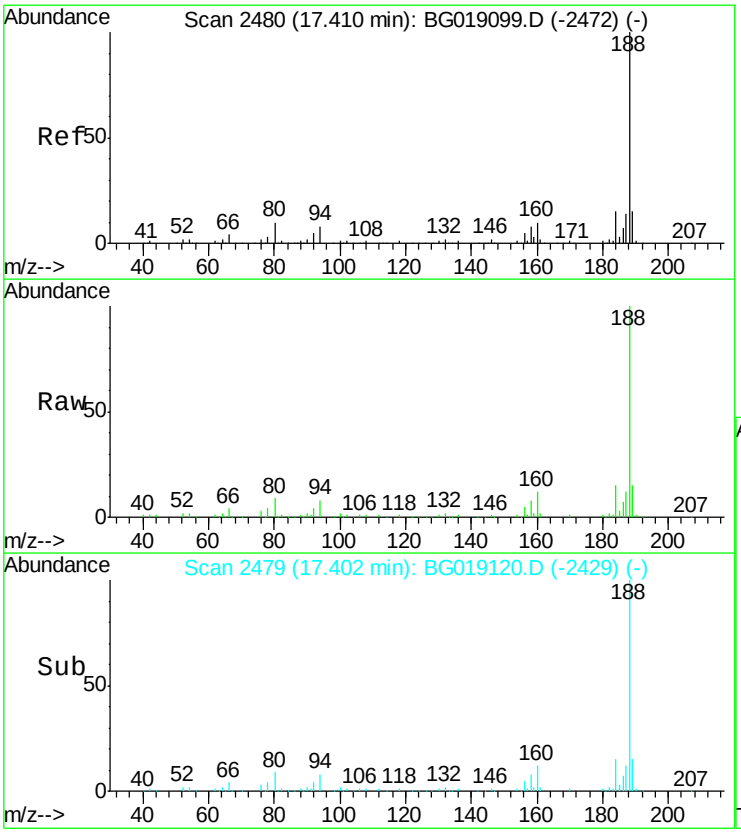
#62
Azobenzene
Concen: 0.14 ng
RT: 16.14 min Scan# 2265
Delta R.T. 0.15 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 509

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.4	44.4#
105	105.2	0.0	39.1#
51	135.1	15.9	55.9#

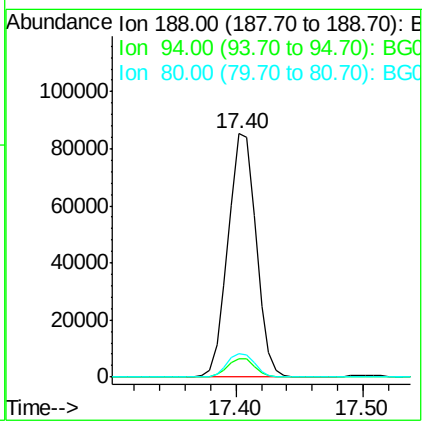


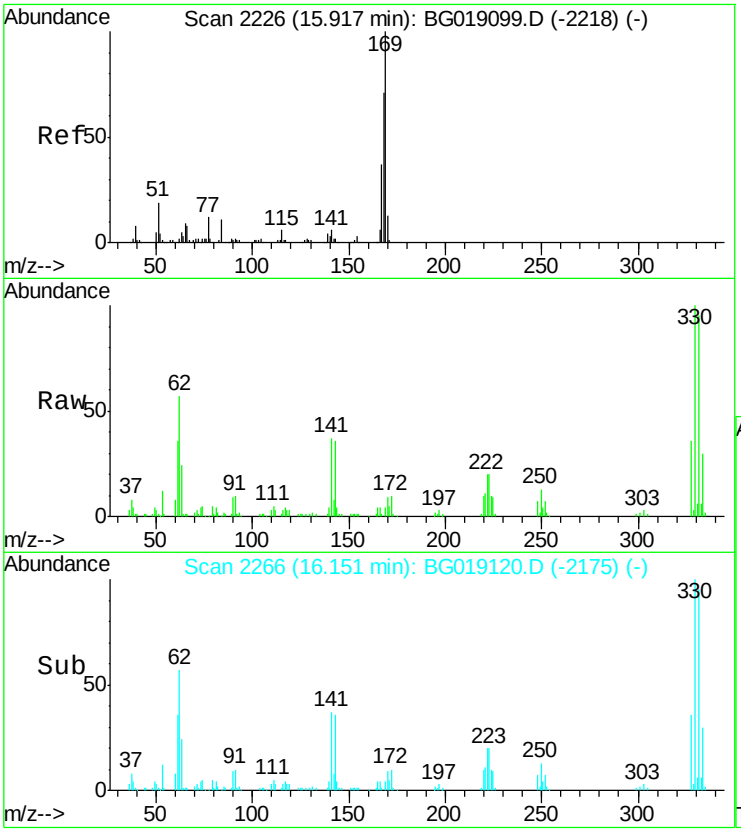


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Tgt Ion:188 Resp: 130237

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.4	9.6
80	9.4	7.6	11.4



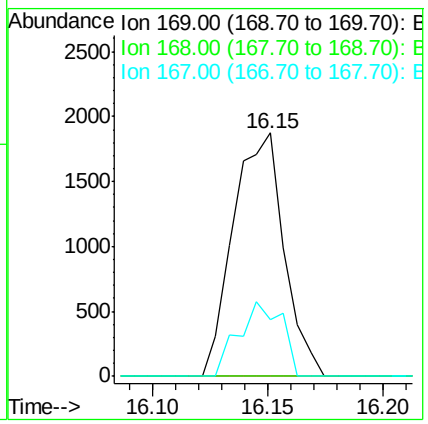


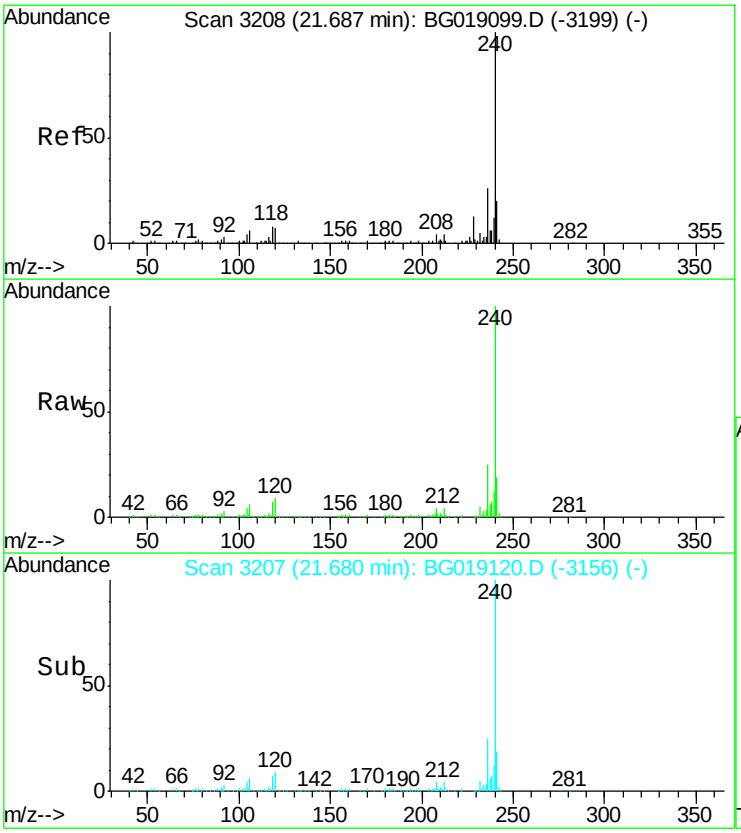
#65
n-Nitrosodiphenylamine
Concen: 0.80 ng
RT: 16.15 min Scan# 2266
Delta R.T. 0.24 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 2865

Ion	Ratio	Lower	Upper
169	100		
168	0.0	56.6	84.8#
167	23.5	30.0	45.0#

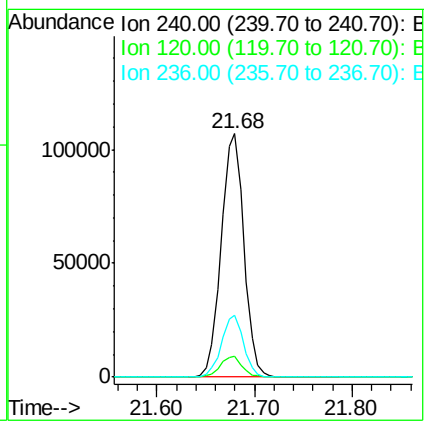


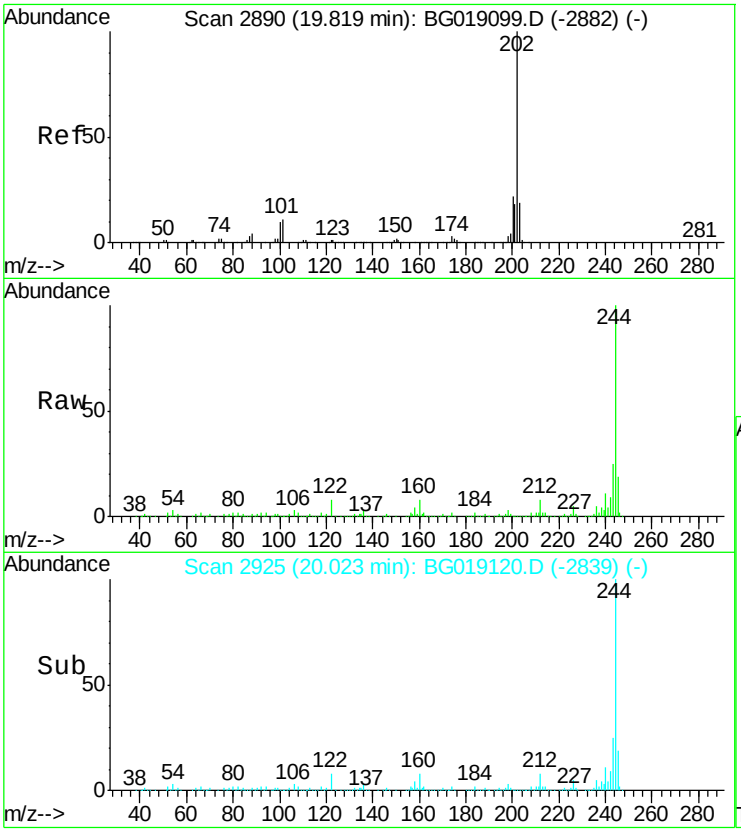


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Tgt Ion:240 Resp: 172146

Ion	Ratio	Lower	Upper
240	100		
120	8.7	5.8	8.6#
236	25.2	21.2	31.8



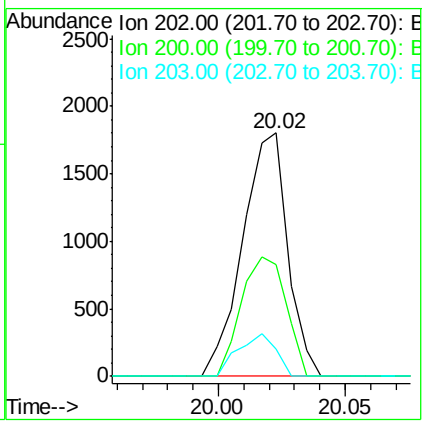


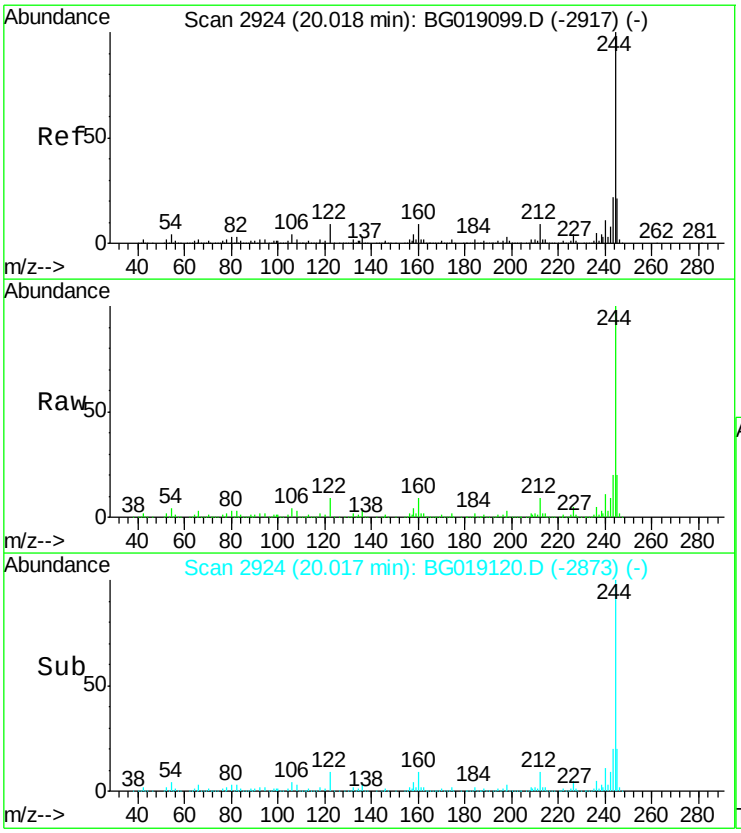
#77
Pyrene
Concen: 0.23 ng
RT: 20.02 min Scan# 2925
Delta R.T. 0.21 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 2221

Ion	Ratio	Lower	Upper
202	100		
200	45.9	17.4	26.2#
203	11.4	14.8	22.2#

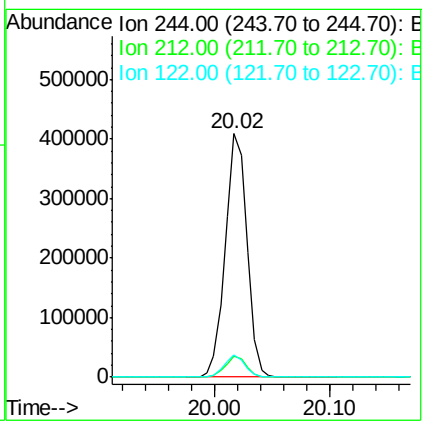


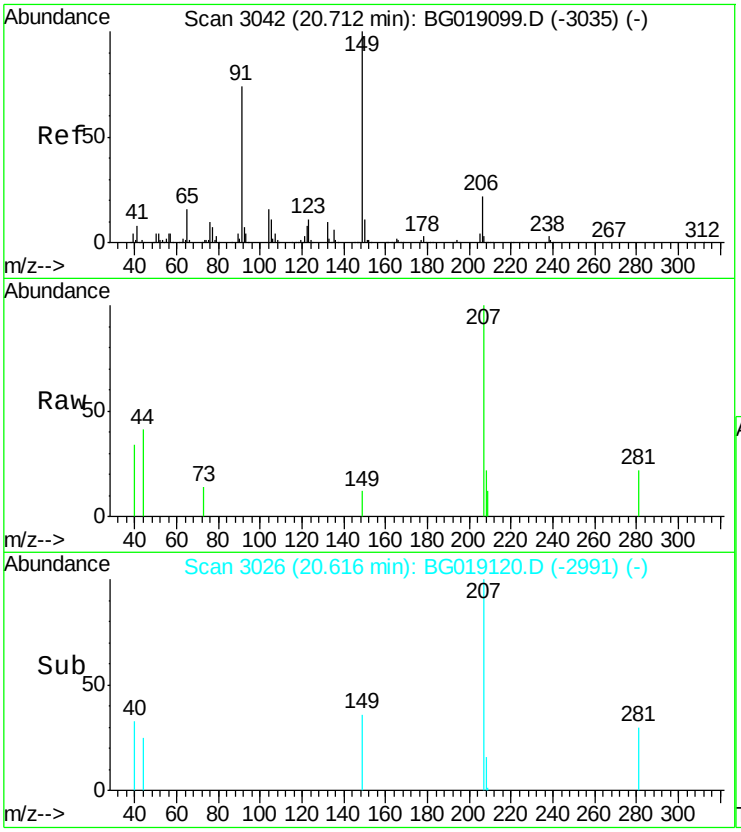


#78
Terphenyl-d14
Concen: 81.59 ng
RT: 20.02 min Scan# 2924
Delta R.T. 0.00 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Tgt Ion:244 Resp: 531691

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.8	10.2
122	9.0	7.4	11.2



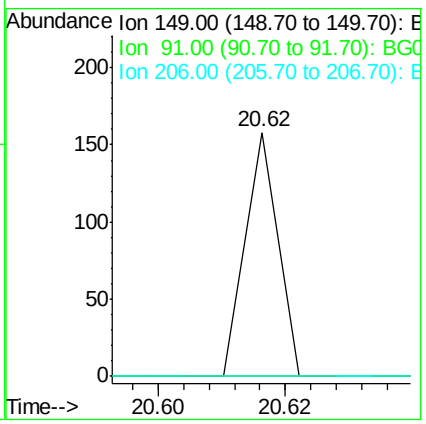


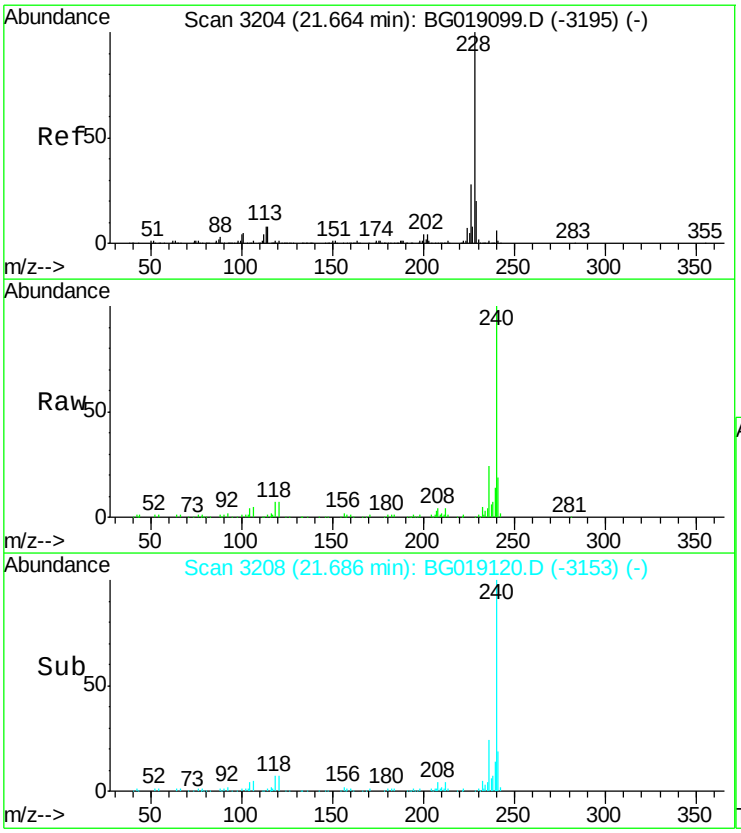
#79
Butylbenzylphthalate
Concen: 0.01 ng
RT: 20.62 min Scan# 3026
Delta R.T. -0.09 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 56

Ion	Ratio	Lower	Upper
149	100		
91	0.0	59.2	88.8#
206	0.0	17.5	26.3#

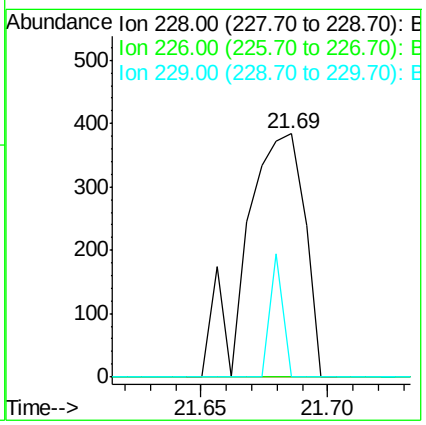


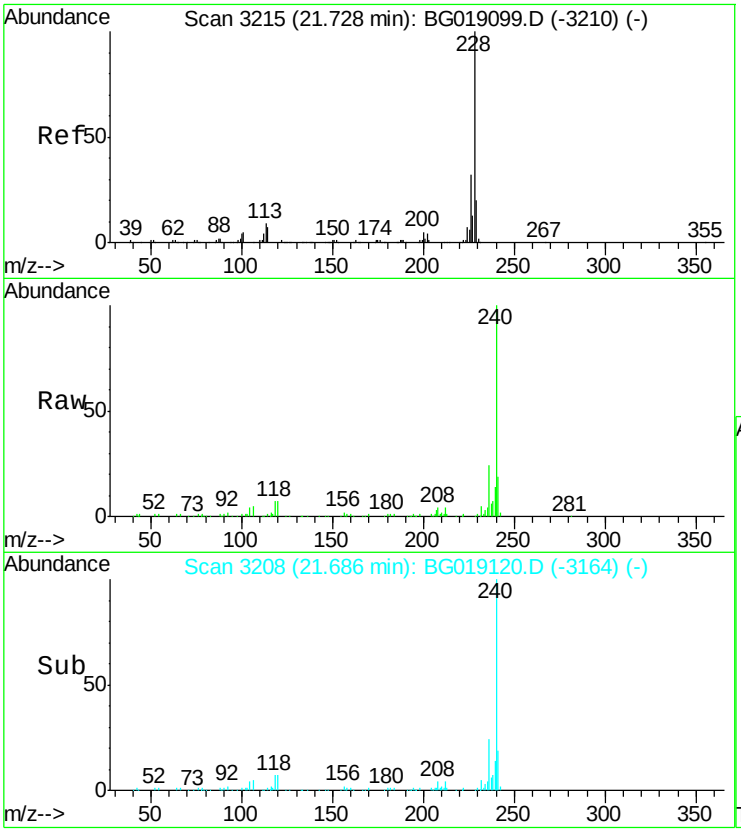


#80
Benzo(a)anthracene
Concen: 0.07 ng
RT: 21.69 min Scan# 3208
Delta R.T. 0.02 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Tgt Ion:228 Resp: 616

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



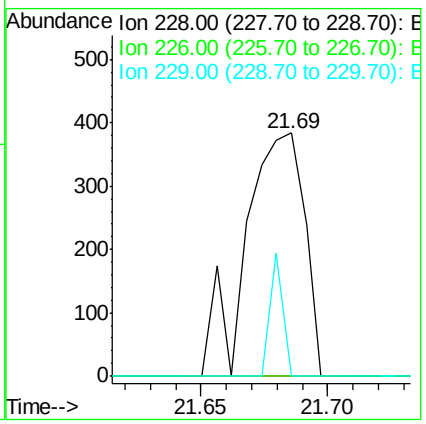


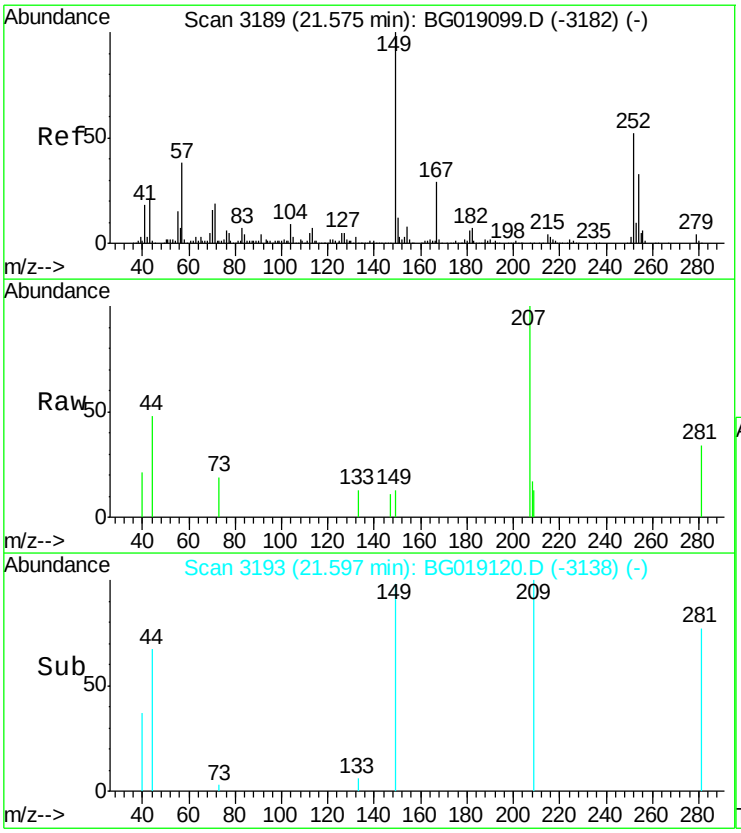
#82
Chrysene
Concen: 0.07 ng
RT: 21.69 min Scan# 3208
Delta R.T. -0.04 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 616

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

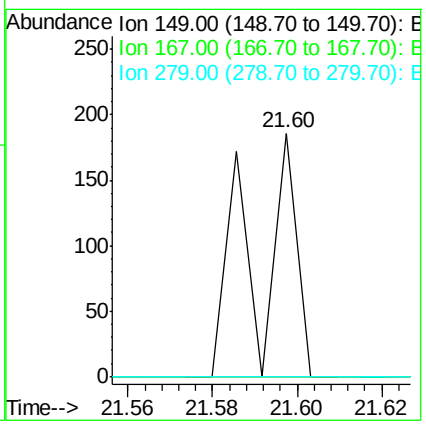


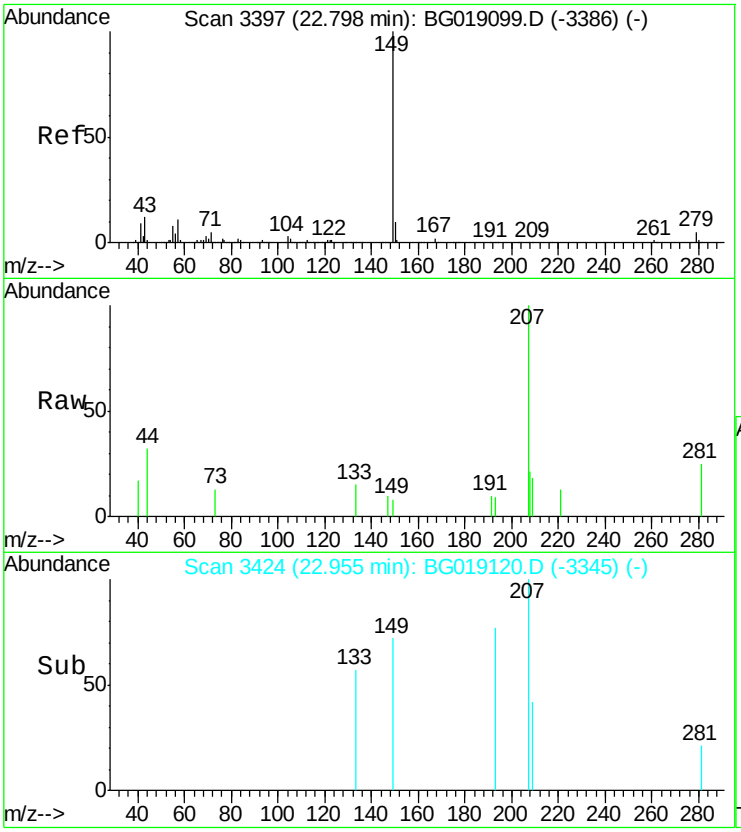


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.02 ng
RT: 21.60 min Scan# 3193
Delta R.T. 0.02 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Tgt Ion:149 Resp: 126

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



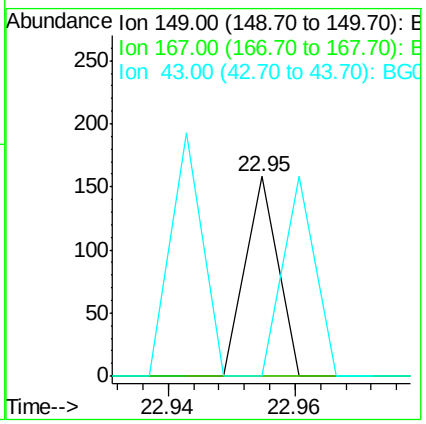


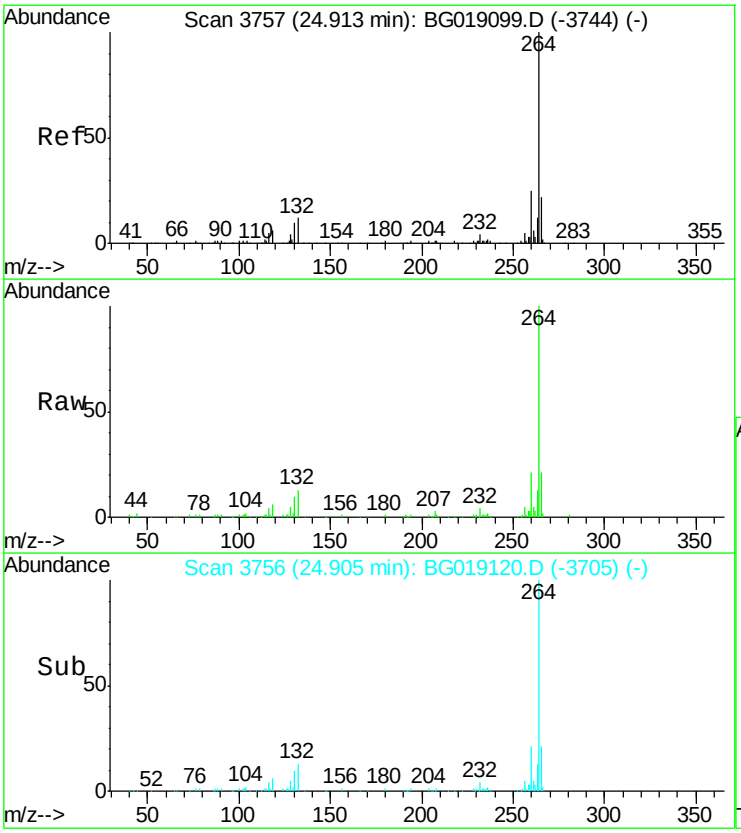
#84
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 22.95 min Scan# 3424
Delta R.T. 0.16 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 56

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	100.0	10.1	15.1#

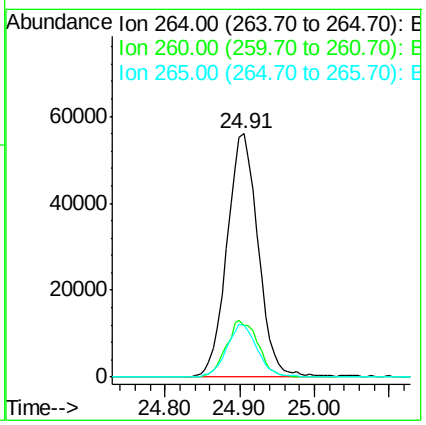


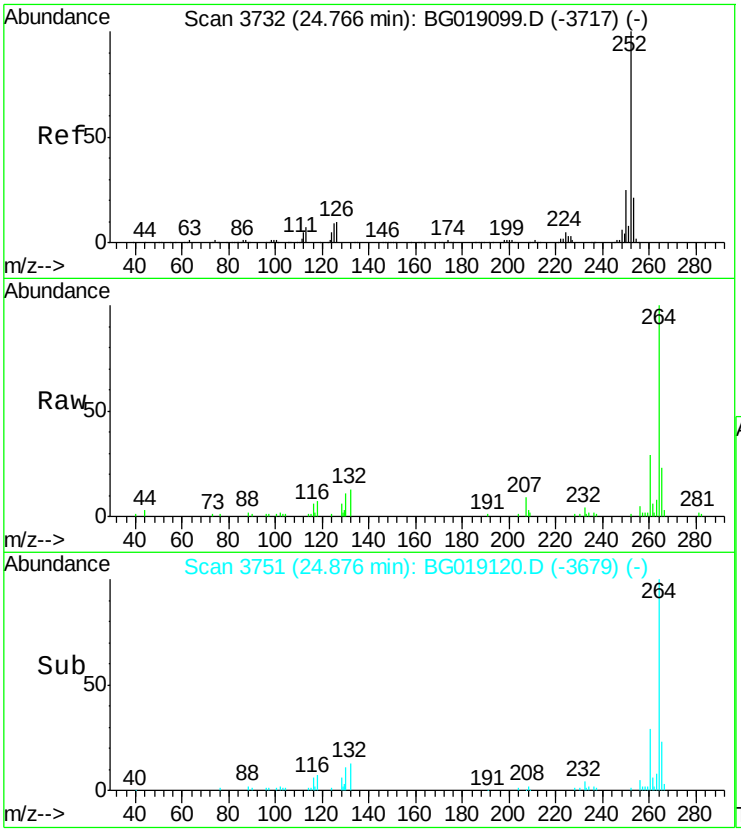


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.91 min Scan# 3756
Delta R.T. 0.00 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Tgt Ion:264 Resp: 163007

Ion	Ratio	Lower	Upper
264	100		
260	21.4	20.1	30.1
265	21.2	17.2	25.8





#89
Benzo(a)pyrene
Concen: 0.01 ng
RT: 24.88 min Scan# 3751
Delta R.T. 0.12 min
Lab File: BG019120.D
Acq: 10 Oct 2015 16:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 59

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