Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
Data File : BG019115.D
Acq On : 10 Oct 2015 13:39
Operator : UM/NP
Sample : PB86035TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 12 06:33:36 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	16888	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	70678	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	49909	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	139961	20.00	ng	0.00
75) Chrysene-d12	21.68	240	182987	20.00	ng	0.00
86) Perylene-d12	24.90	264	175193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	110557	133.29	ng	0.00
7) Phenol-d6	7.19	99	163630	128.42	ng	0.00
23) Nitrobenzene-d5	9.19	82	108198	84.59	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	84568	124.34	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	262669	80.92	ng	0.00
78) Terphenyl-d14	20.02	244	562538	81.21	ng	0.00
Target Compounds						Qvalue
6) Aniline	7.56	93	172	0.10	ng	# 1
9) Benzaldehyde	7.19	77	158	0.20	ng	# 3
11) bis(2-Chloroethyl)ether	7.56	93	172	0.17	ng	# 1
15) Benzyl Alcohol	8.36	79	1692	1.49	ng	# 44
24) Nitrobenzene	9.19	77	146	0.11	ng	# 43
45) 1,1'-Biphenyl	13.28	154	453	0.12	ng	# 1
51) Acenaphthene	14.66	154	54	0.02	ng	# 3
62) Azobenzene	16.14	77	409	0.11	ng	# 28
65) n-Nitrosodiphenylamine	16.15	169	3040	0.79	ng	# 46
73) Di-n-butylphthalate	18.37	149	249	0.03	ng	# 77
77) Pyrene	19.82	202	66	0.01	ng	# 56
79) Butylbenzylphthalate	20.71	149	55	0.01	ng	# 22
80) Benzo(a)anthracene	21.68	228	724	0.07	ng	# 51
82) Chrysene	21.72	228	140	0.02	ng	# 48
83) Bis(2-ethylhexyl)phthalate	21.57	149	53	0.01	ng	# 52
84) Di-n-octyl phthalate	22.79	149	85	0.01	ng	# 1
89) Benzo(a)pyrene	24.90	252	452	0.05	ng	# 61

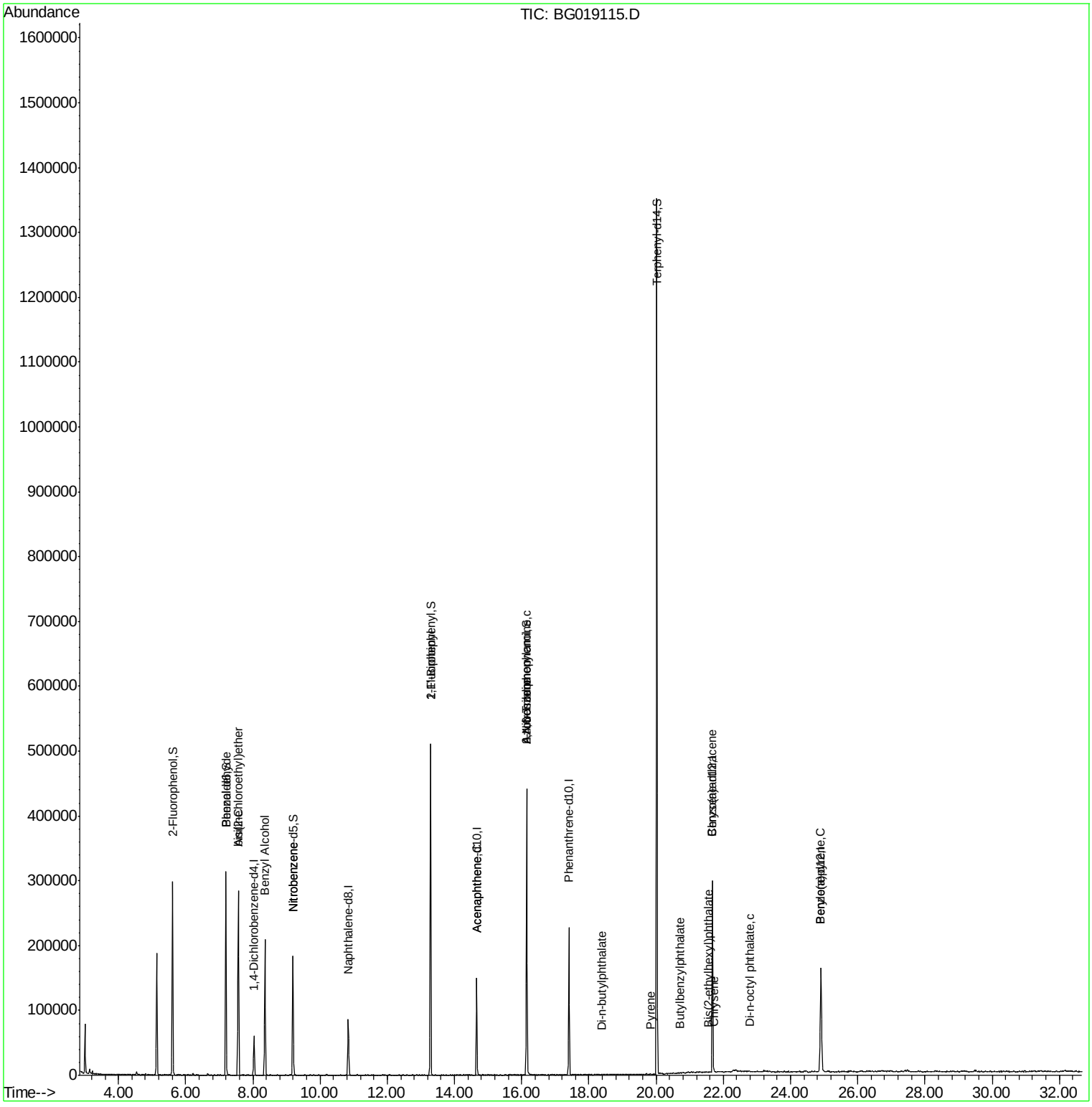
(#) = qualifier out of range (m) = manual integration (+) = signals summed

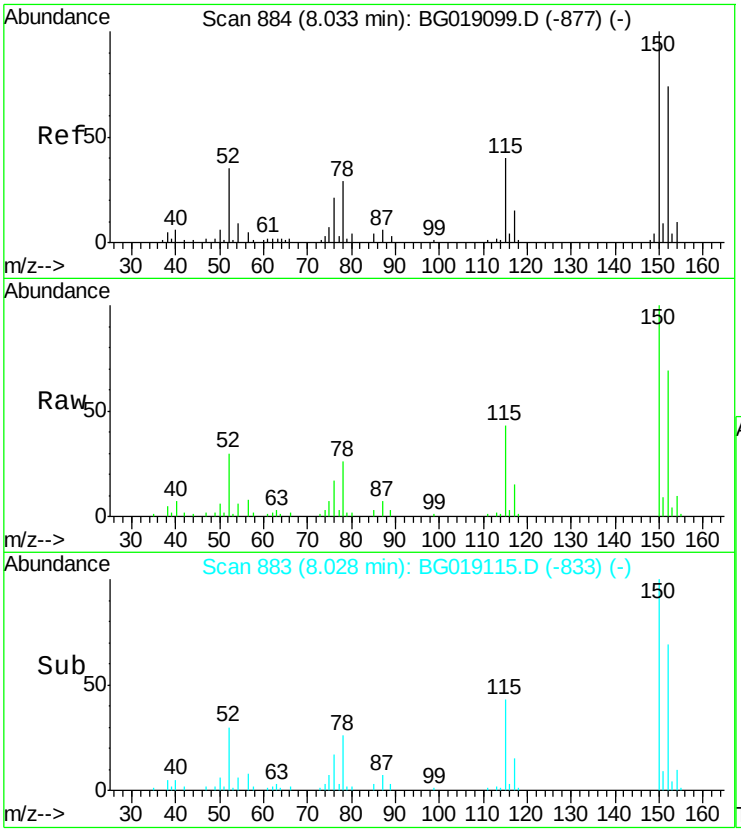
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
Data File : BG019115.D
Acq On : 10 Oct 2015 13:39
Operator : UM/NP
Sample : PB86035TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 12 06:33:36 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



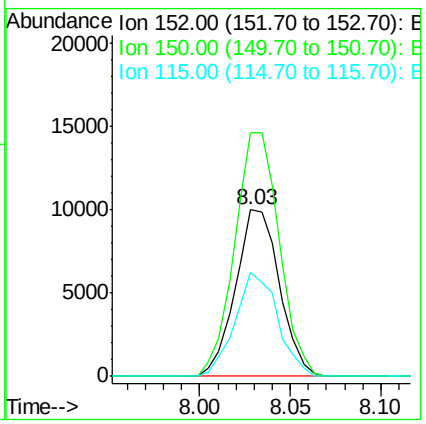


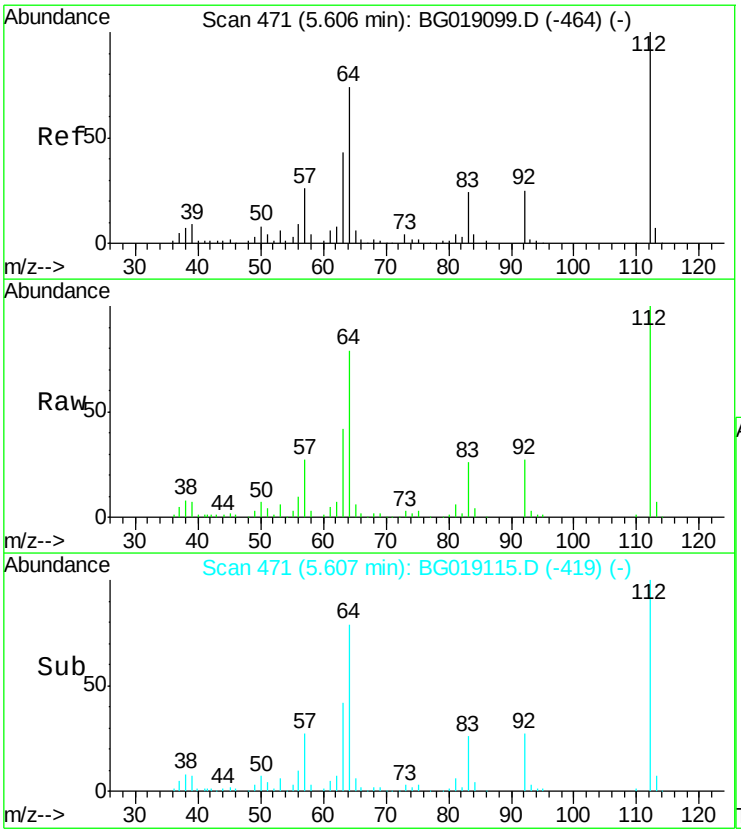
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 16888

Ion	Ratio	Lower	Upper
152	100		
150	145.8	108.2	162.2
115	62.8	43.2	64.8

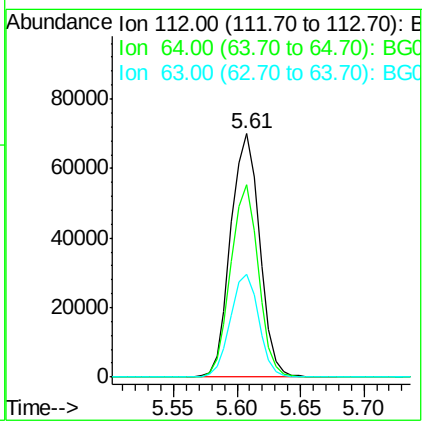


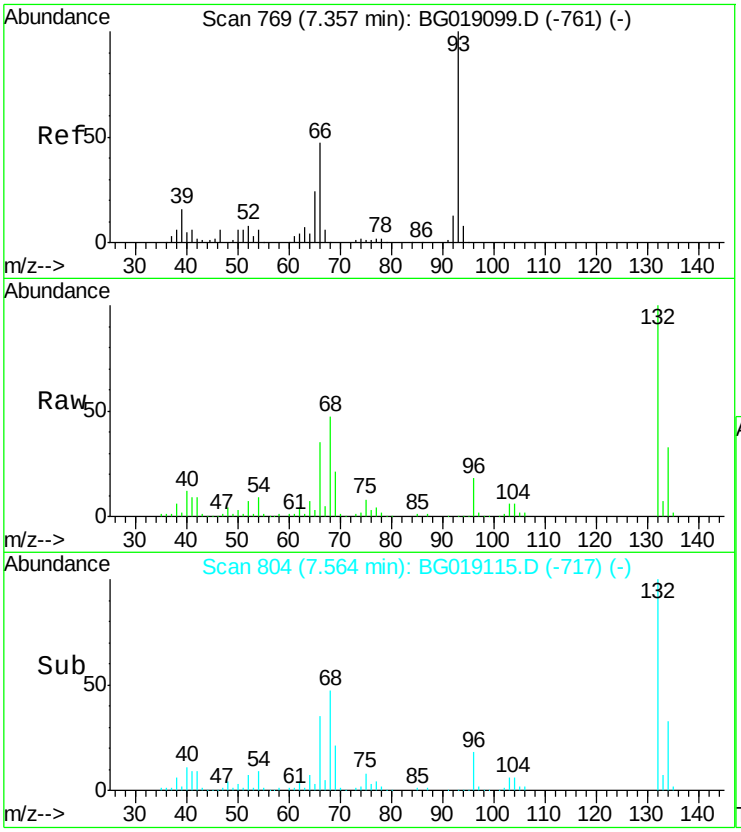


#5
2-Fluorophenol
Concen: 133.29 ng
RT: 5.61 min Scan# 471
Delta R.T. 0.00 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Tgt Ion:112 Resp: 110557

Ion	Ratio	Lower	Upper
112	100		
64	78.8	59.0	88.4
63	42.0	34.7	52.1



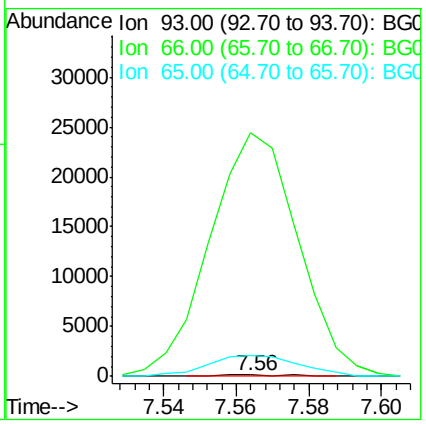


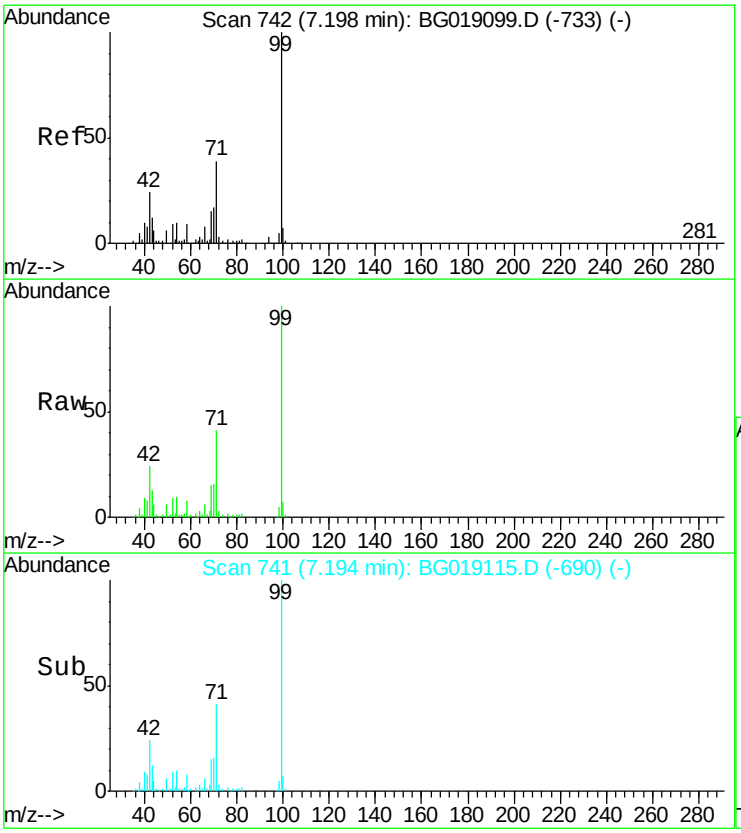
#6
Aniline
Concen: 0.10 ng
RT: 7.56 min Scan# 804
Delta R.T. 0.21 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 172

Ion	Ratio	Lower	Upper
93	100		
66	14620.4	37.4	56.2#
65	1227.5	19.6	29.4#

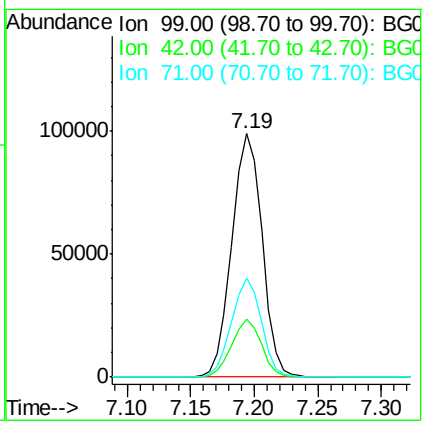


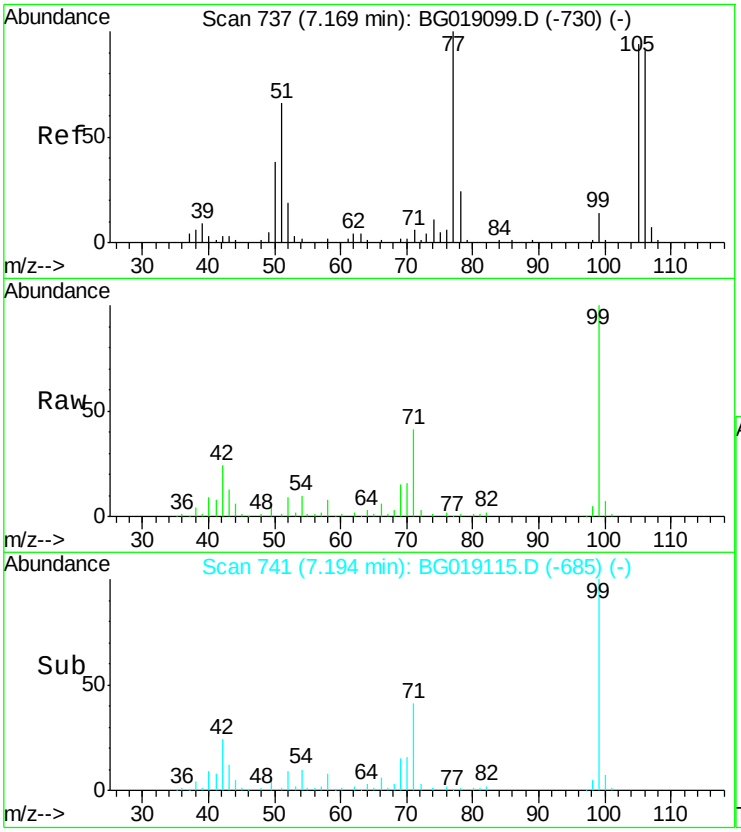


#7
Phenol-d6
Concen: 128.42 ng
RT: 7.19 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Tgt Ion: 99 Resp: 163630

Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.5	29.3
71	40.8	31.4	47.0



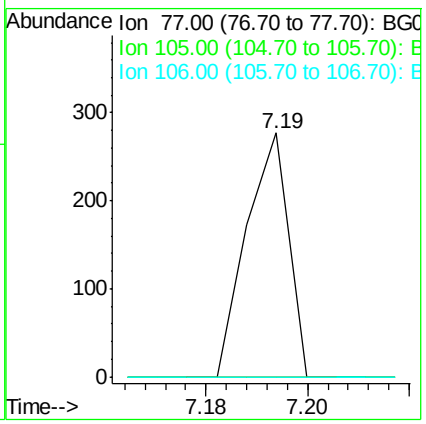


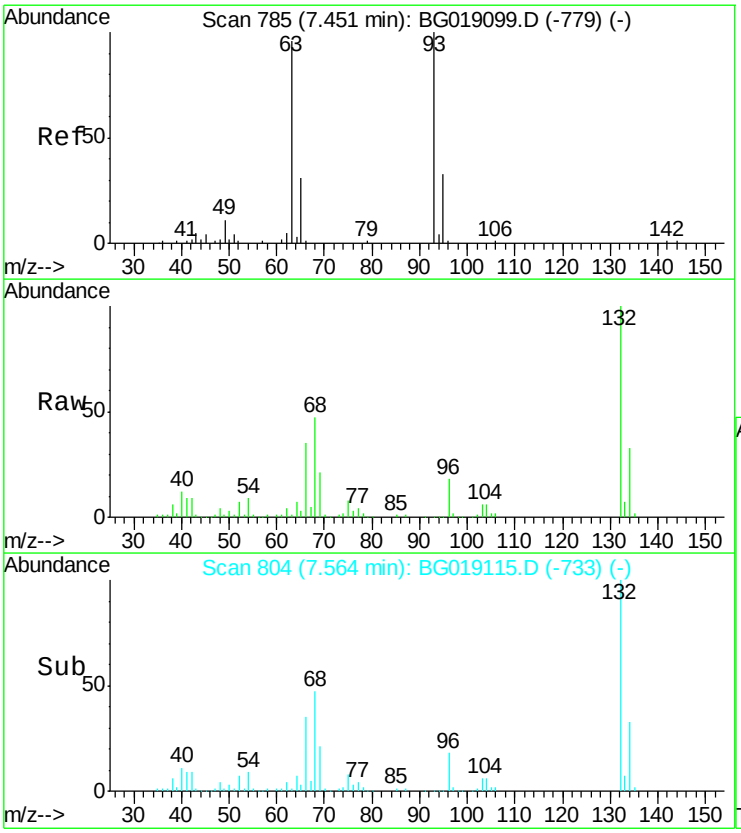
#9
Benzaldehyde
Concen: 0.20 ng
RT: 7.19 min Scan# 741
Delta R.T. 0.03 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 158

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

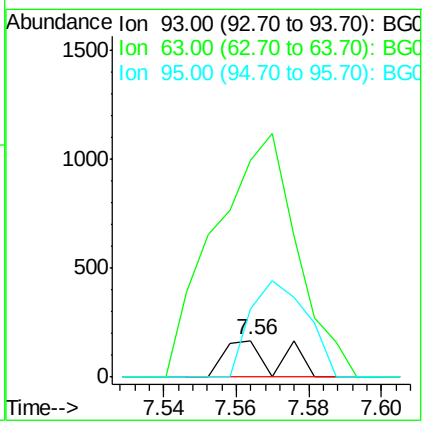


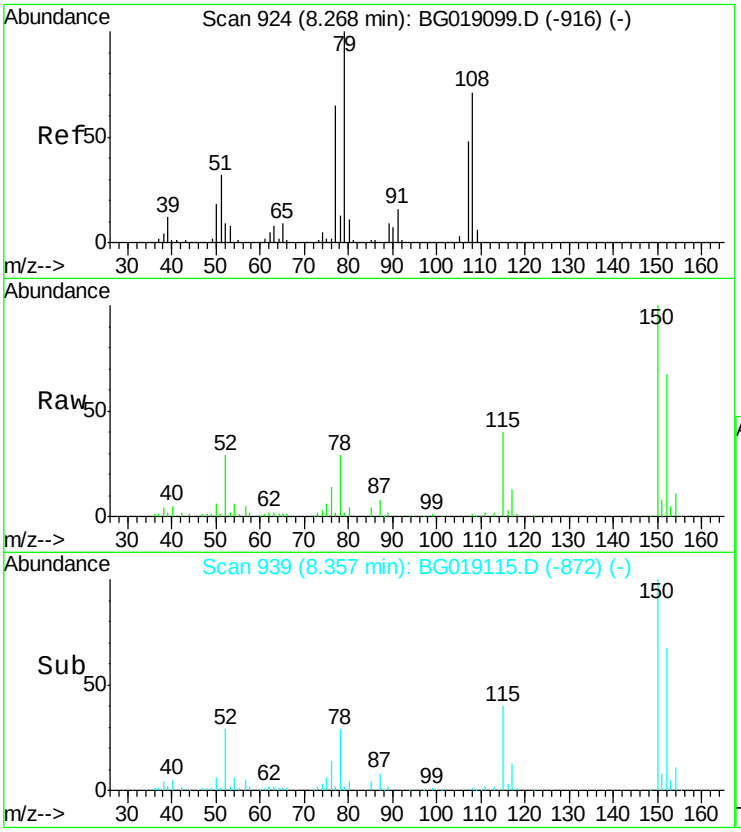


#11
bis(2-Chloroethyl)ether
Concen: 0.17 ng
RT: 7.56 min Scan# 804
Delta R.T. 0.11 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Tgt Ion: 93 Resp: 172

Ion	Ratio	Lower	Upper
93	100		
63	596.4	75.3	115.3#
95	186.2	12.9	52.9#



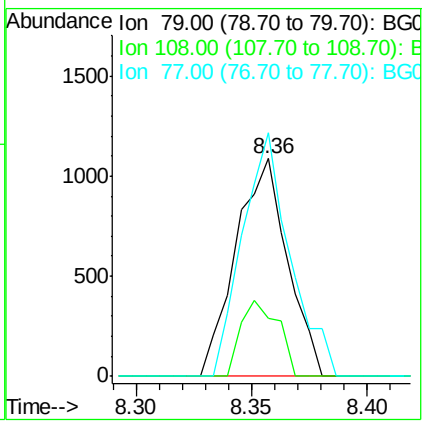


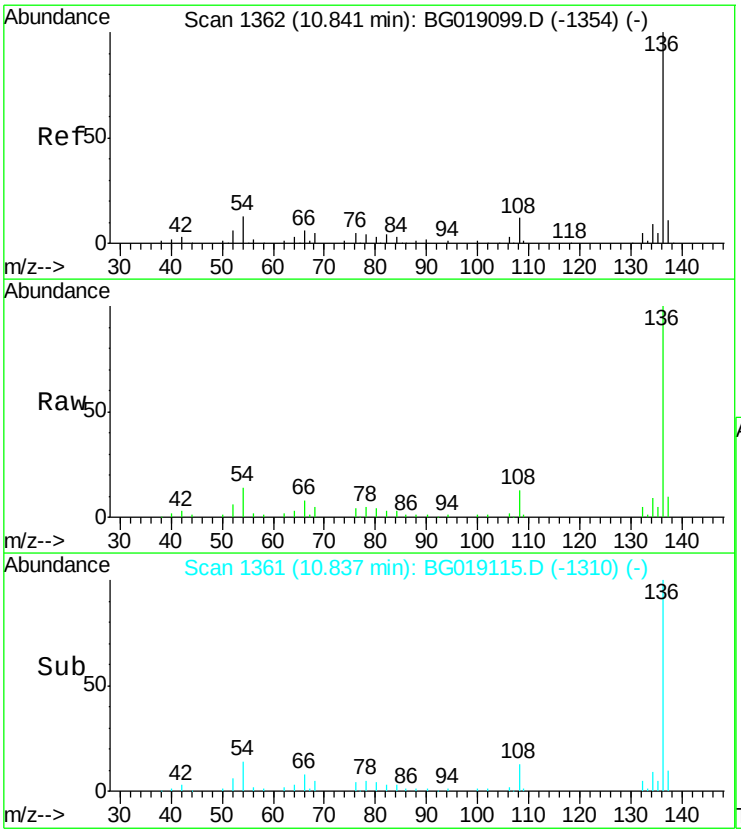
#15
Benzyl Alcohol
Concen: 1.49 ng
RT: 8.36 min Scan# 939
Delta R.T. 0.09 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 1692

Ion	Ratio	Lower	Upper
79	100		
108	26.9	56.6	84.8#
77	111.8	51.6	77.4#

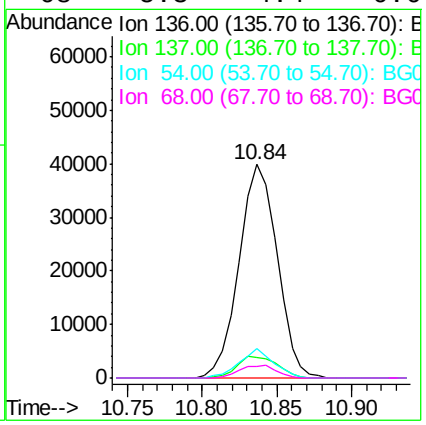


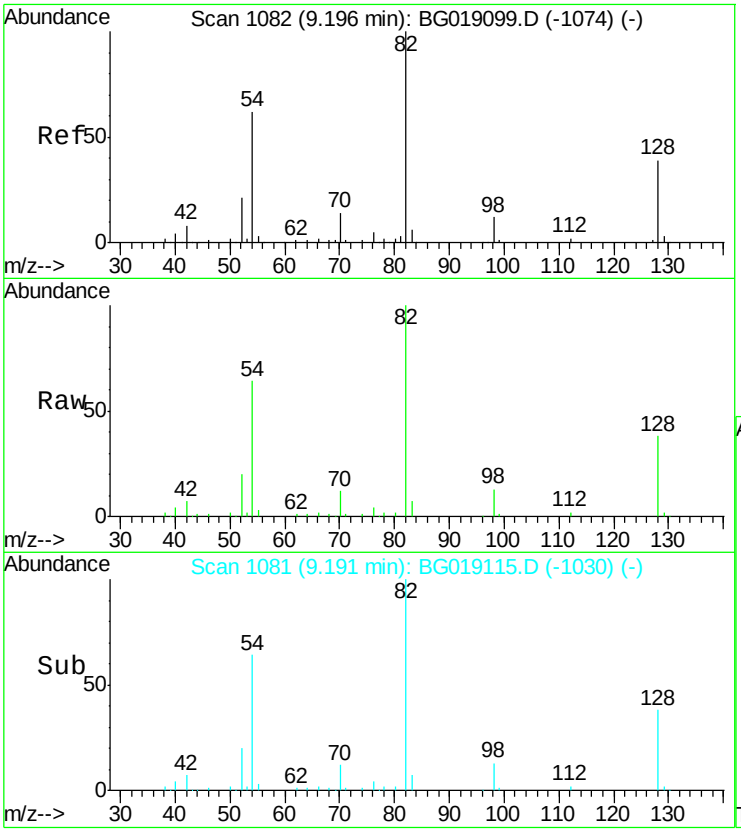


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Tgt Ion:136 Resp: 70678

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.0	13.4
54	13.6	10.1	15.1
68	5.3	4.4	6.6



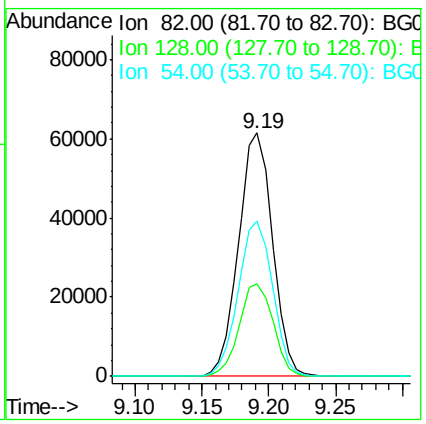


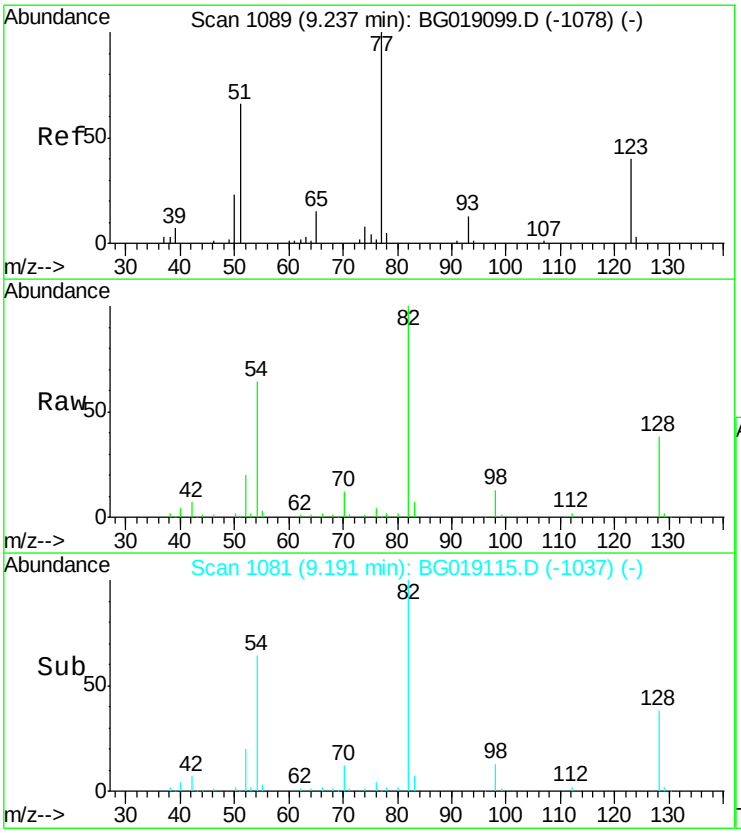
#23
Nitrobenzene-d5
Concen: 84.59 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 108198

Ion	Ratio	Lower	Upper
82	100		
128	38.0	31.4	47.2
54	64.0	50.0	75.0

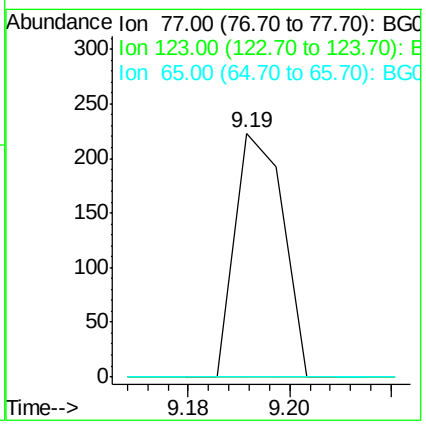


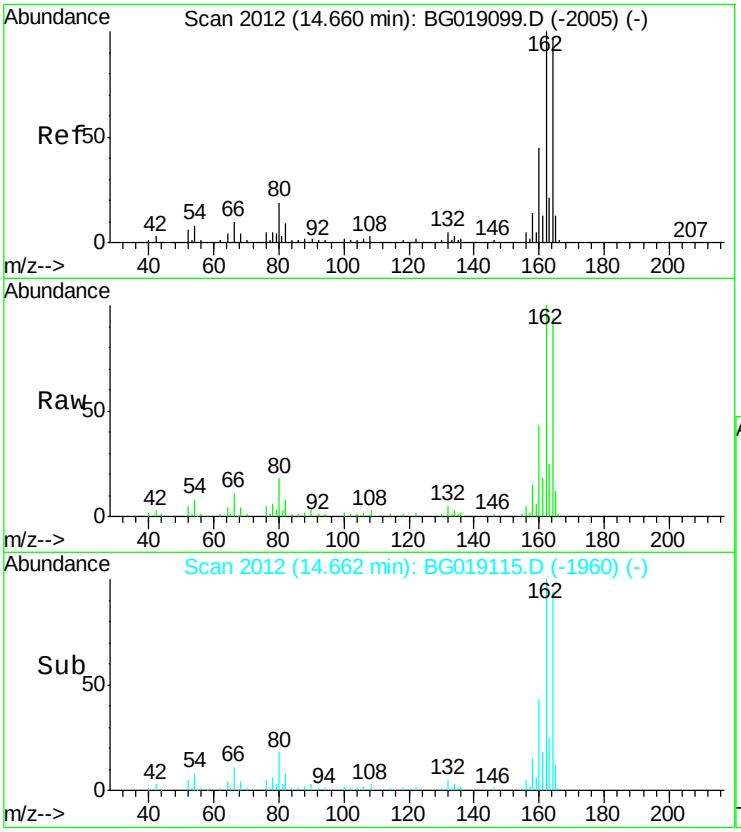


#24
Nitrobenzene
Concen: 0.11 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.04 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Tgt Ion: 77 Resp: 146

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



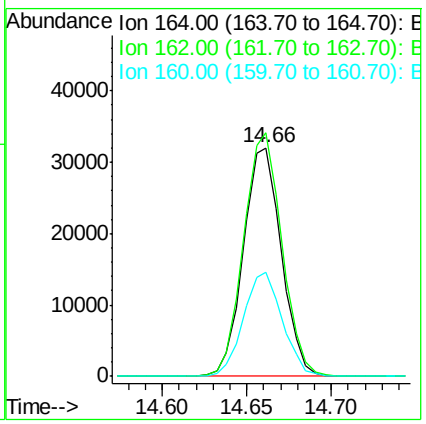


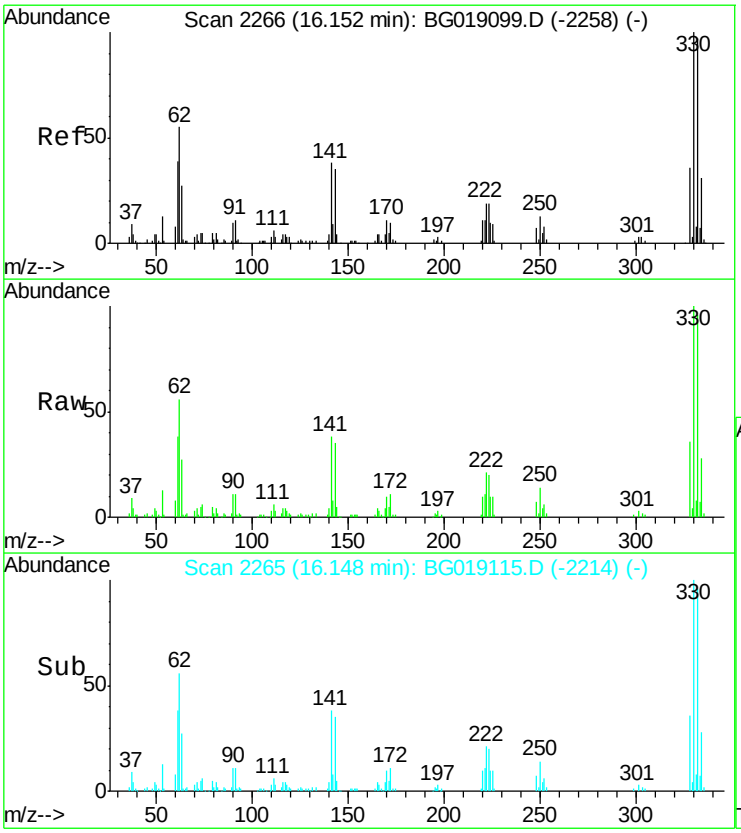
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 49909

Ion	Ratio	Lower	Upper
164	100		
162	106.5	82.6	124.0
160	45.6	36.9	55.3

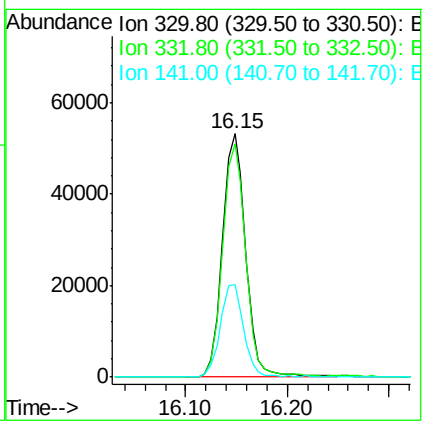


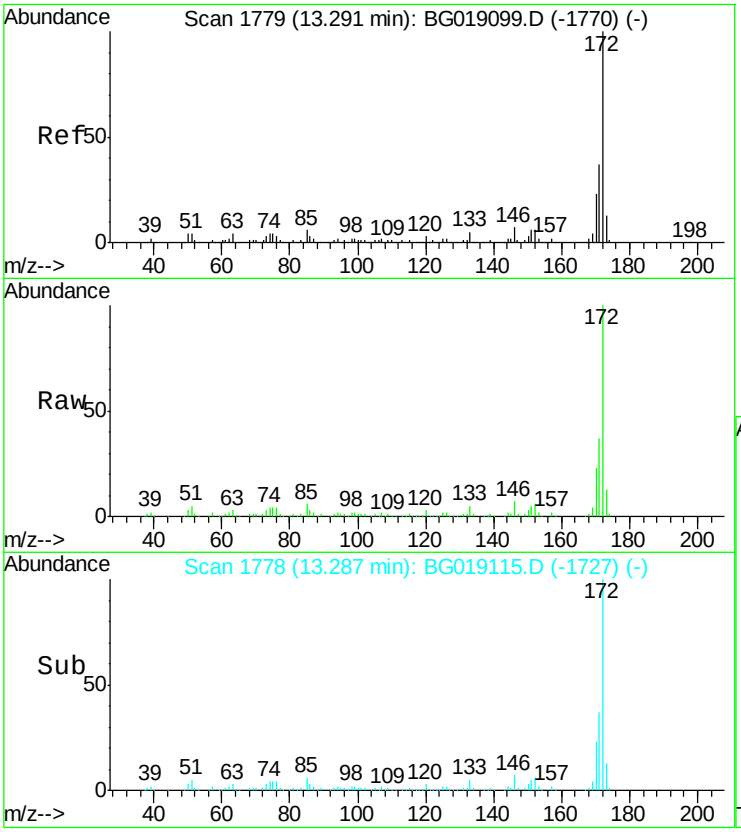


#41
2,4,6-Tribromophenol
Concen: 124.34 ng
RT: 16.15 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Tgt Ion:330 Resp: 84568

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	38.8	30.7	46.1



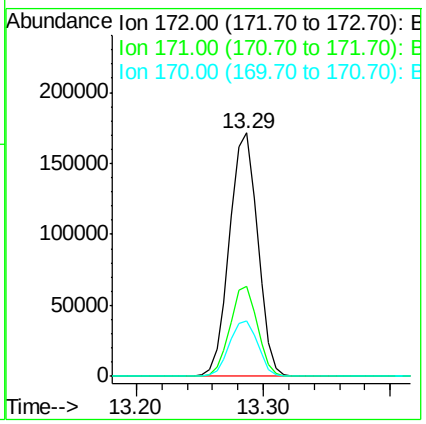


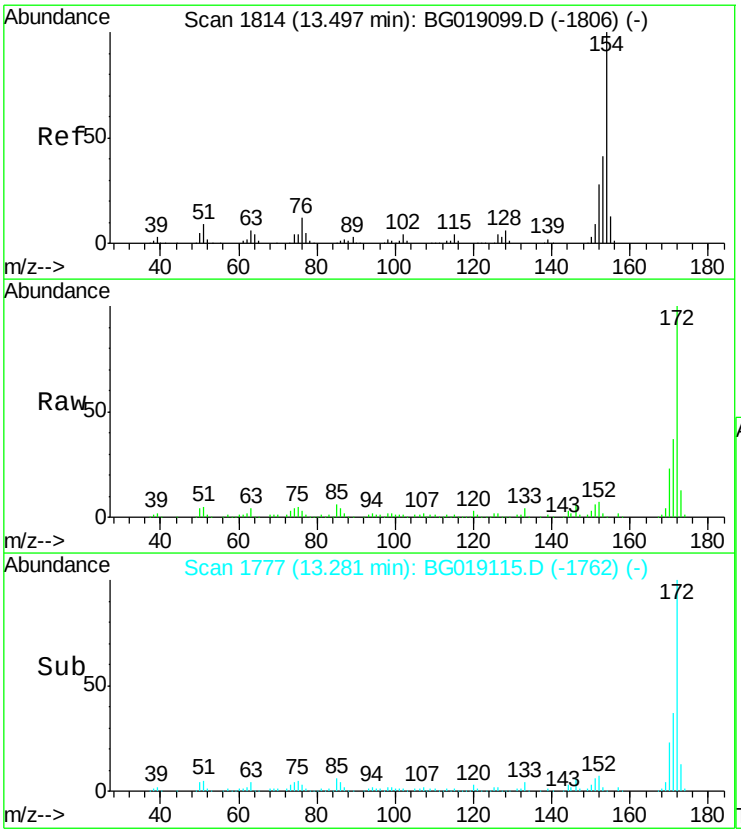
#44
2-Fluorobiphenyl
Concen: 80.92 ng
RT: 13.29 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 262669

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.9	44.9
170	22.6	18.6	27.8

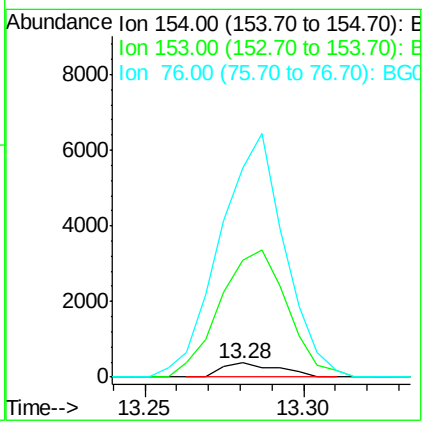


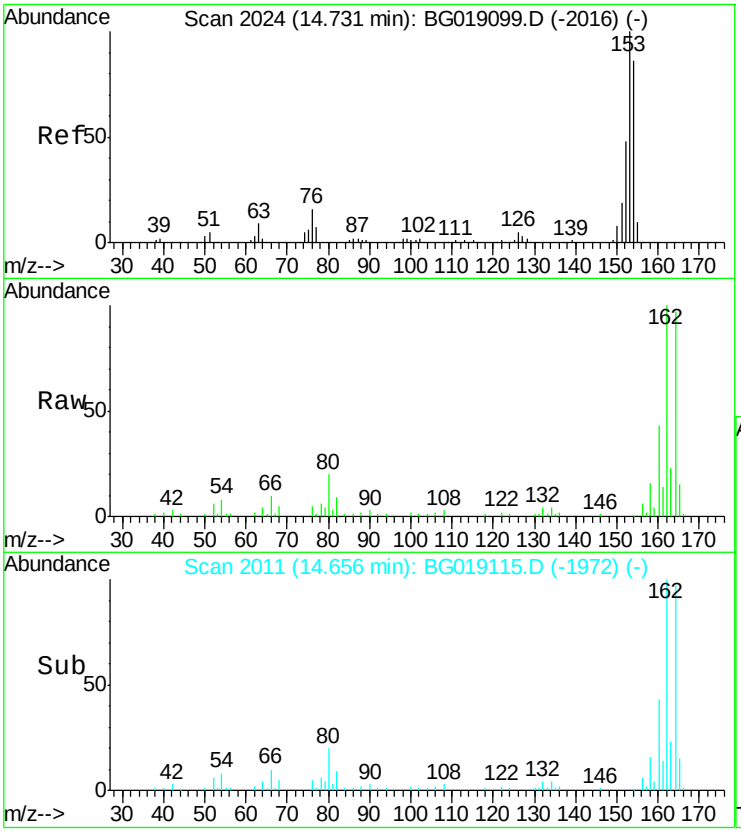


#45
1,1'-Biphenyl
Concen: 0.12 ng
RT: 13.28 min Scan# 1777
Delta R.T. -0.21 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Tgt Ion:154 Resp: 453

Ion	Ratio	Lower	Upper
154	100		
153	831.3	20.6	60.6#
76	1491.9	0.0	32.2#



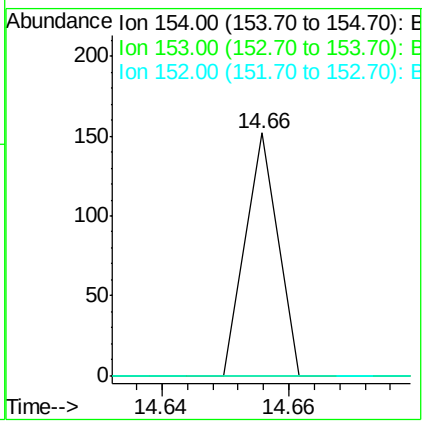


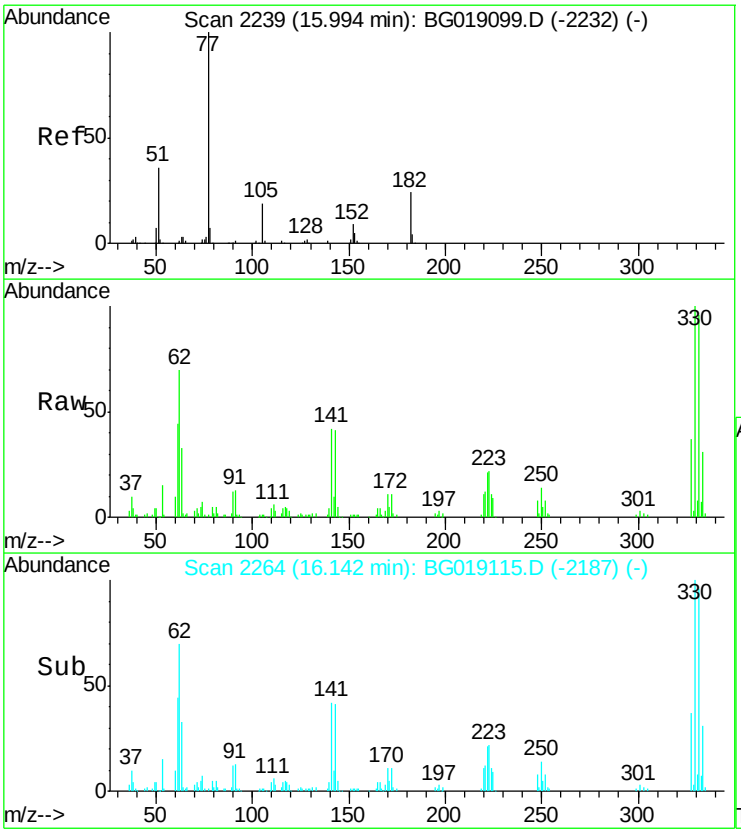
#51
Acenaphthene
Concen: 0.02 ng
RT: 14.66 min Scan# 2011
Delta R.T. -0.07 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 54

Ion	Ratio	Lower	Upper
154	100		
153	0.0	93.4	140.2#
152	0.0	44.9	67.3#

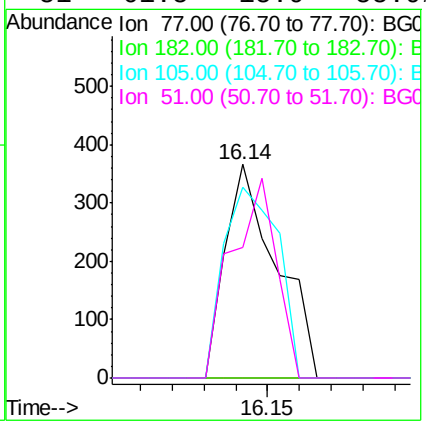


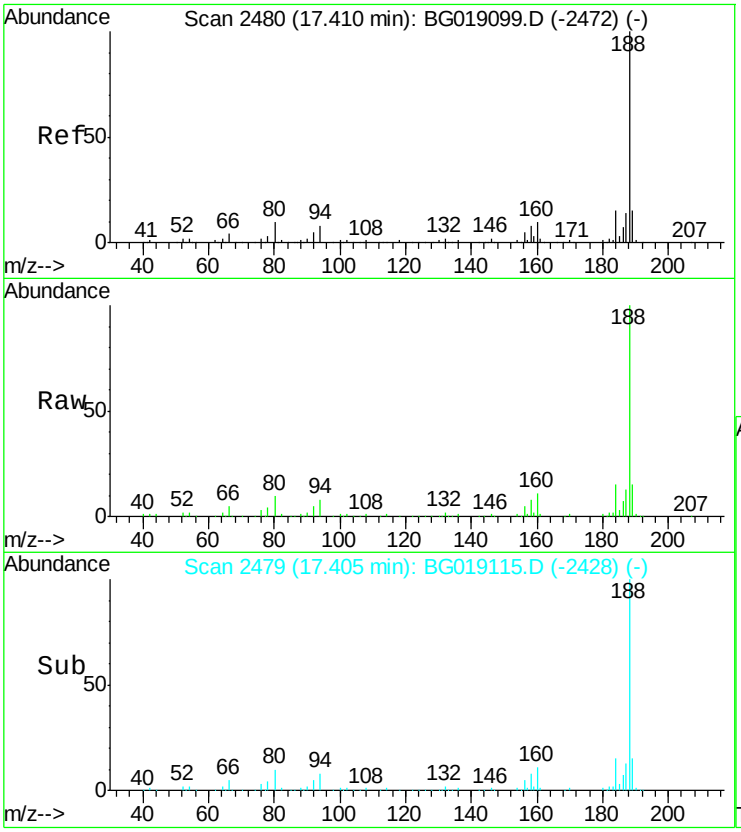


#62
Azobenzene
Concen: 0.11 ng
RT: 16.14 min Scan# 2264
Delta R.T. 0.15 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Tgt Ion: 77 Resp: 409

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.4	44.4#
105	89.1	0.0	39.1#
51	61.5	15.9	55.9#



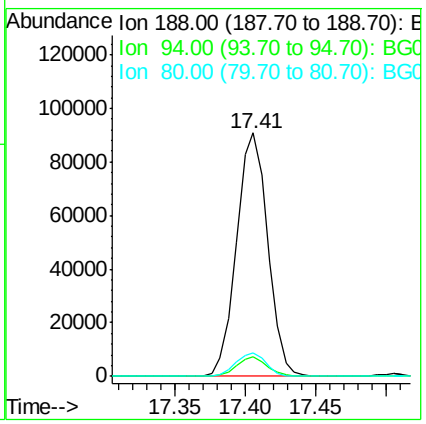


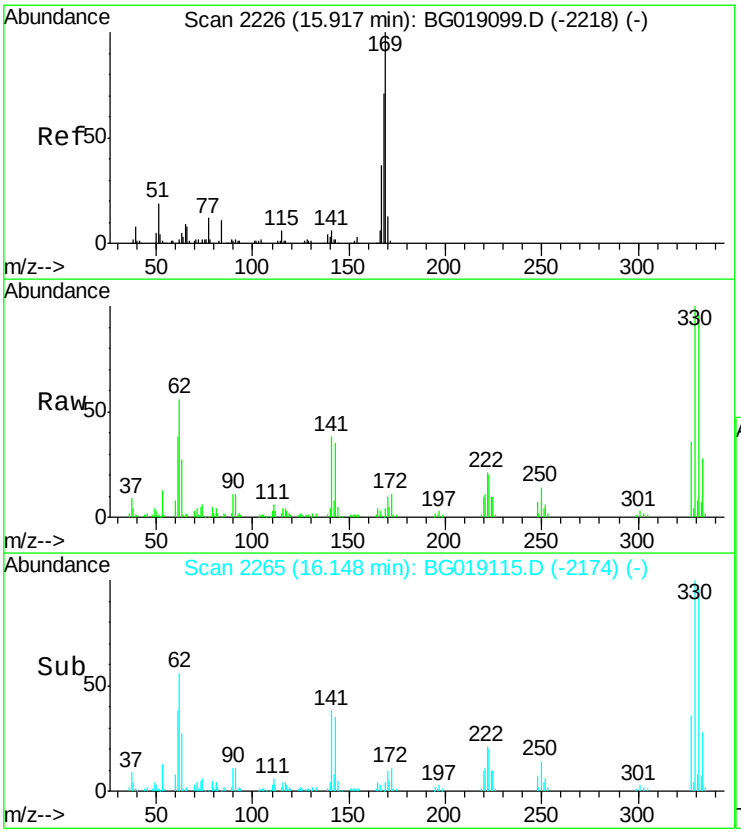
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 139961

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.4	9.6
80	9.6	7.6	11.4

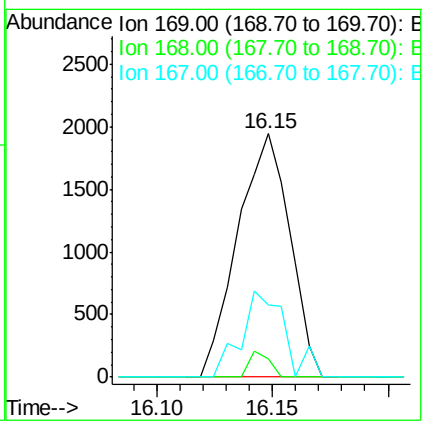


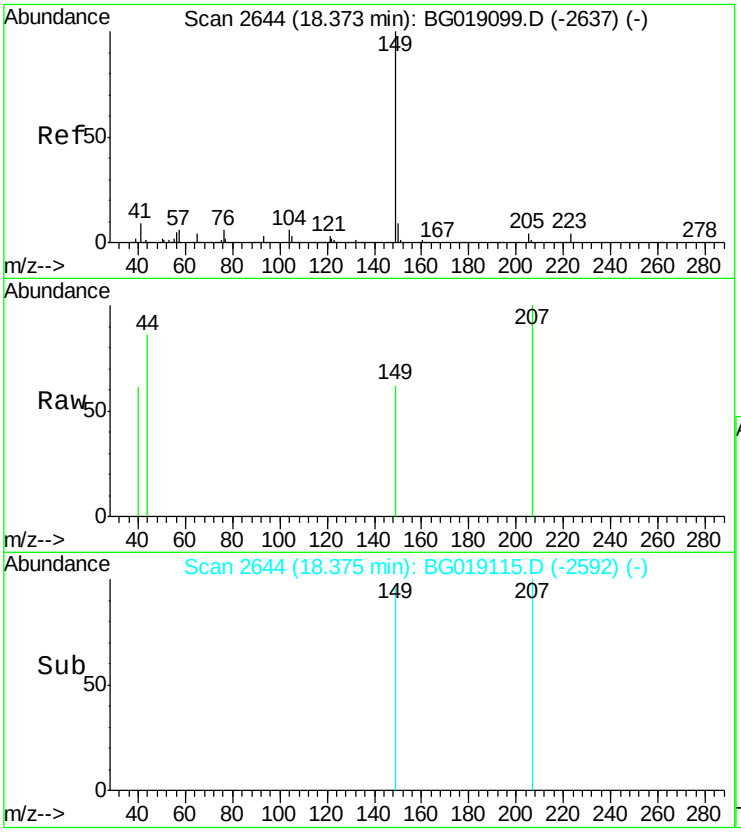


#65
n-Nitrosodiphenylamine
Concen: 0.79 ng
RT: 16.15 min Scan# 2265
Delta R.T. 0.23 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Tgt Ion:169 Resp: 3040

Ion	Ratio	Lower	Upper
169	100		
168	7.7	56.6	84.8#
167	29.7	30.0	45.0#



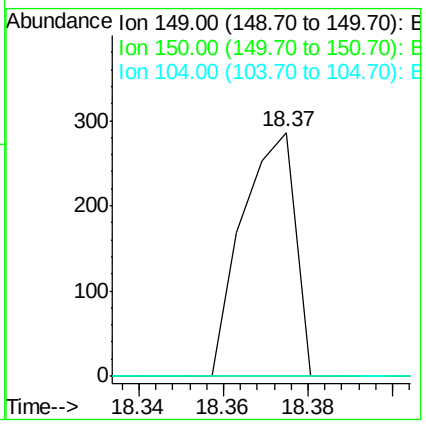


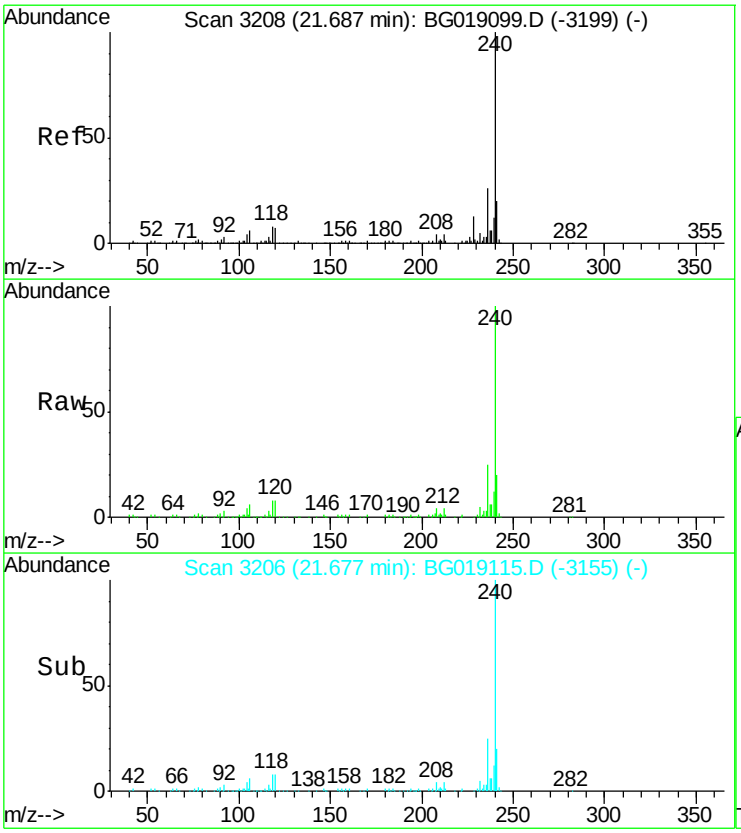
#73
Di-n-butylphthalate
Concen: 0.03 ng
RT: 18.37 min Scan# 2644
Delta R.T. 0.00 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 249

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.5	11.3#
104	0.0	5.0	7.6#

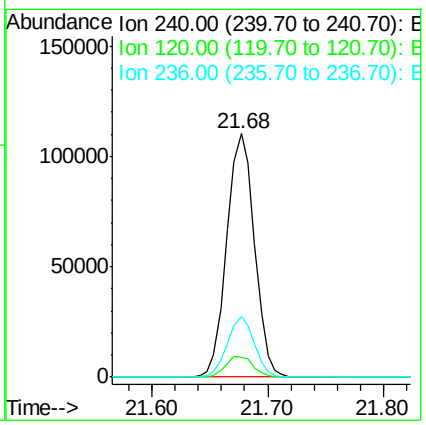


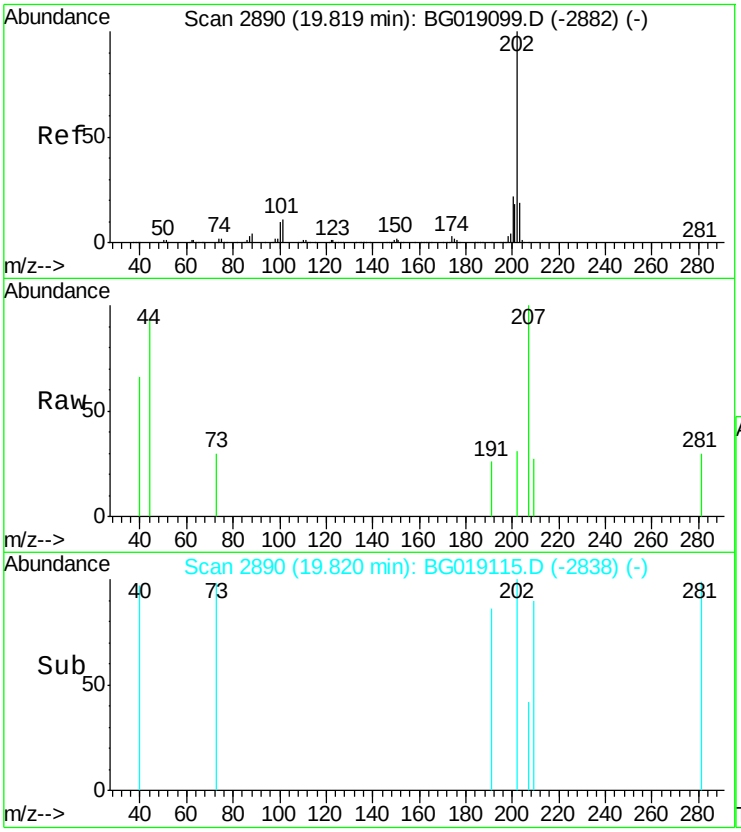


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Tgt Ion:240 Resp: 182987

Ion	Ratio	Lower	Upper
240	100		
120	8.0	5.8	8.6
236	25.0	21.2	31.8



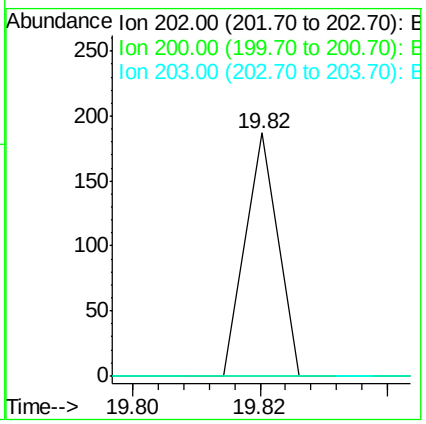


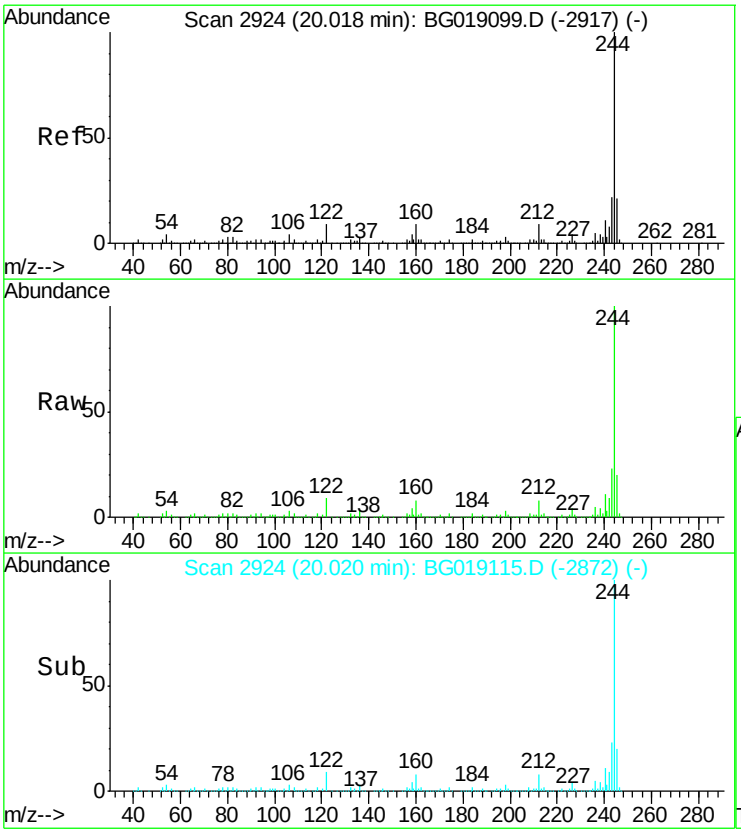
#77
Pyrene
Concen: 0.01 ng
RT: 19.82 min Scan# 2890
Delta R.T. 0.00 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 66

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.4	26.2#
203	0.0	14.8	22.2#

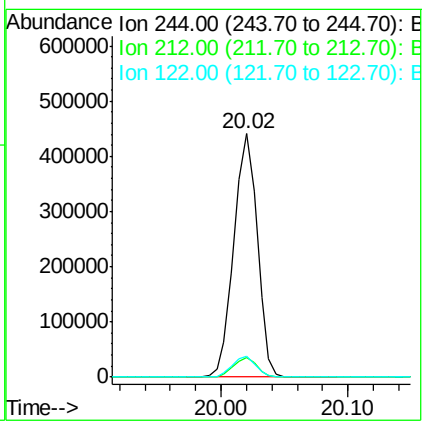


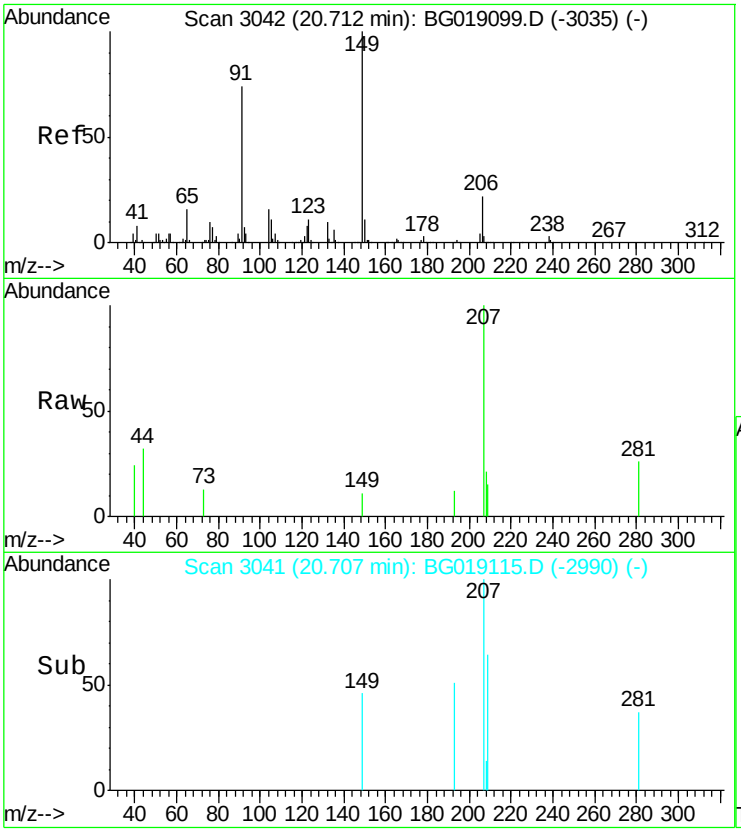


#78
Terphenyl-d14
Concen: 81.21 ng
RT: 20.02 min Scan# 2924
Delta R.T. 0.00 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Tgt Ion:244 Resp: 562538

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.8	10.2
122	8.7	7.4	11.2



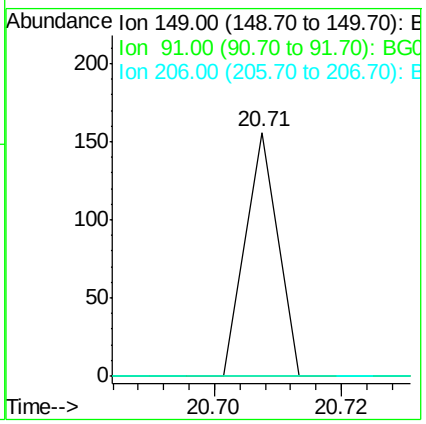


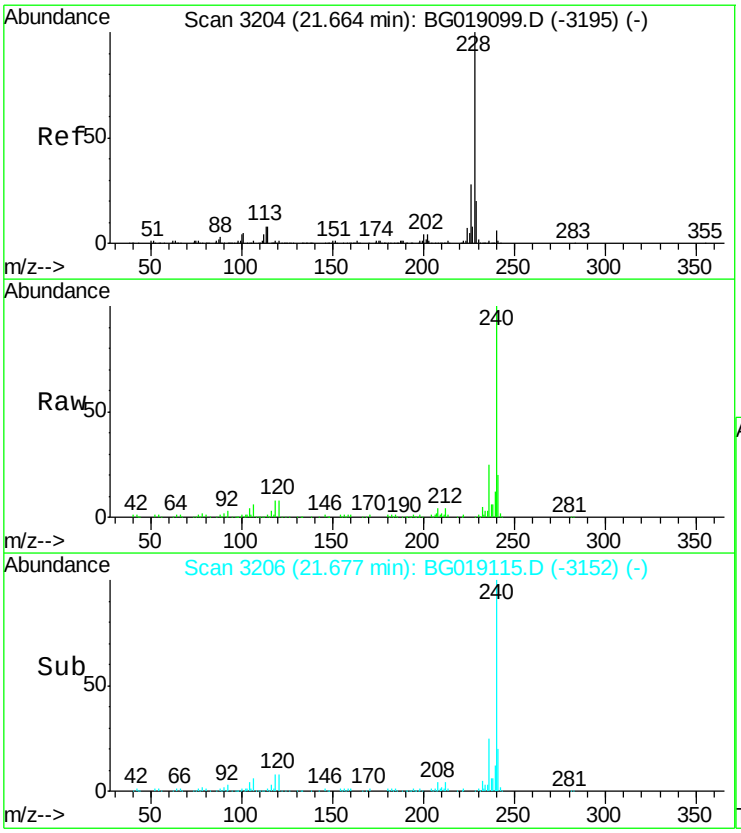
#79
Butylbenzylphthalate
Concen: 0.01 ng
RT: 20.71 min Scan# 3041
Delta R.T. -0.00 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 55

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

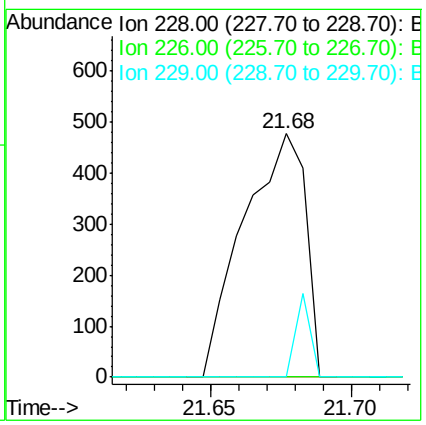


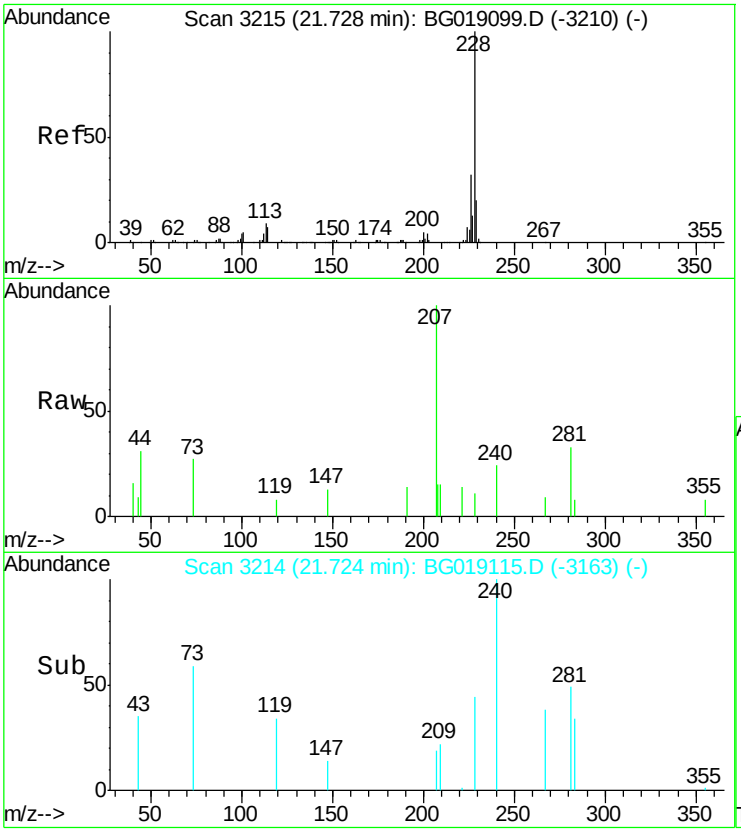


#80
Benzo(a)anthracene
Concen: 0.07 ng
RT: 21.68 min Scan# 3206
Delta R.T. 0.01 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Tgt Ion:228 Resp: 724

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



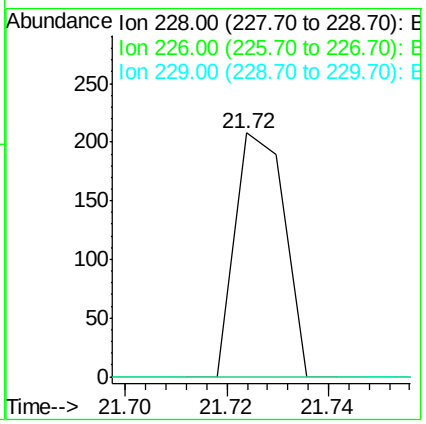


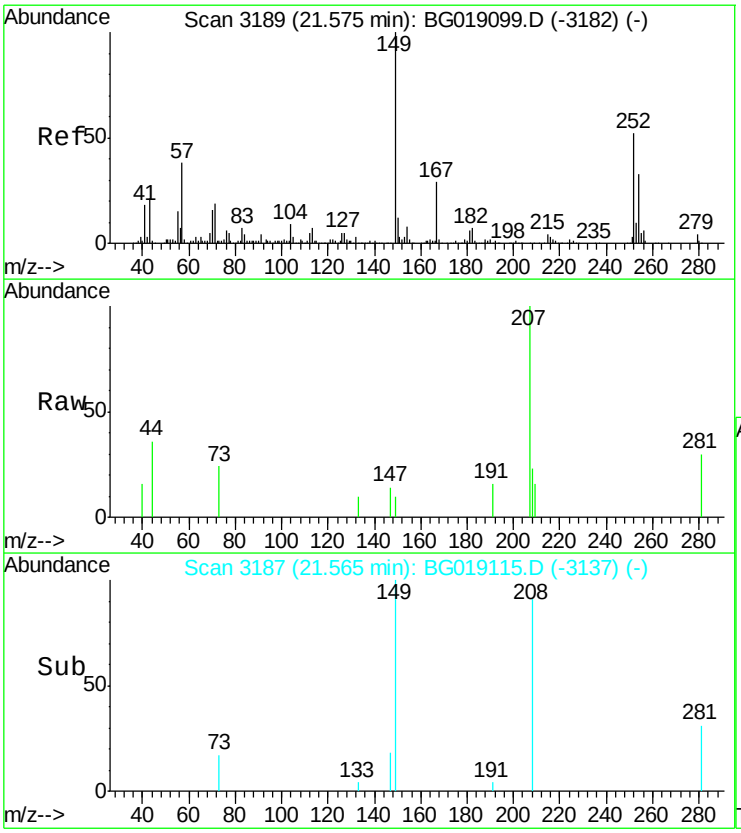
#82
Chrysene
Concen: 0.02 ng
RT: 21.72 min Scan# 3214
Delta R.T. -0.00 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 140

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

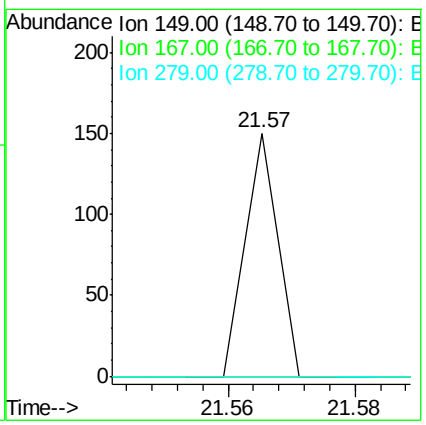


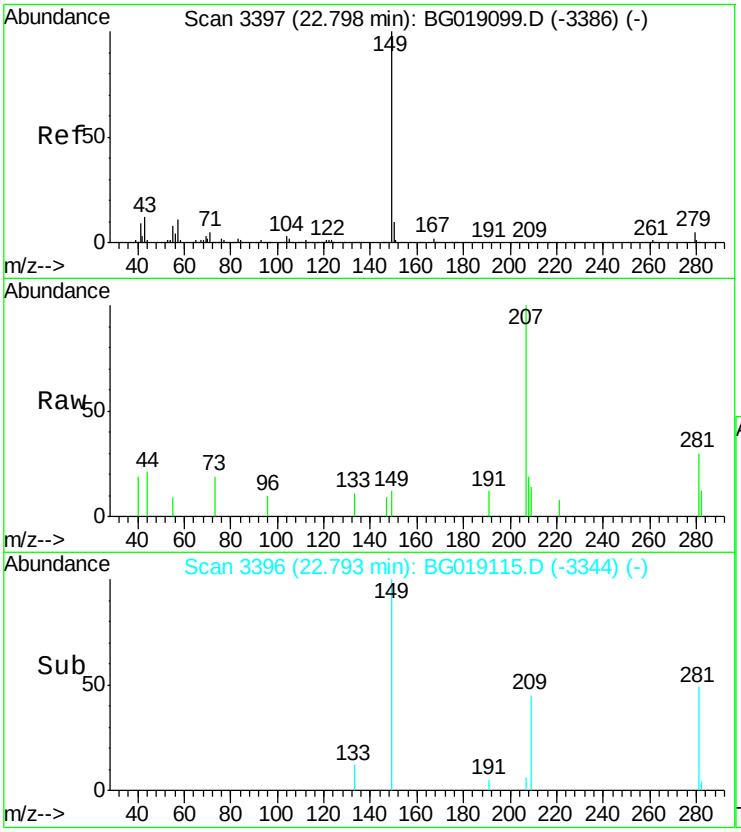


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.01 ng
RT: 21.57 min Scan# 3187
Delta R.T. -0.01 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Tgt Ion:149 Resp: 53

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



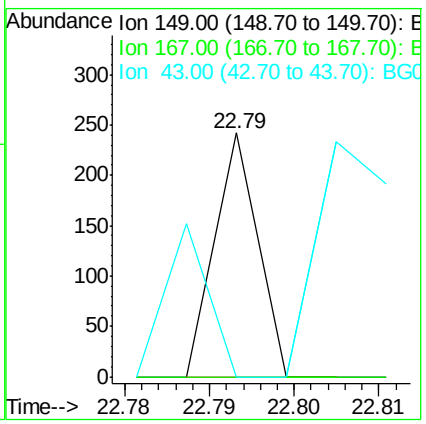


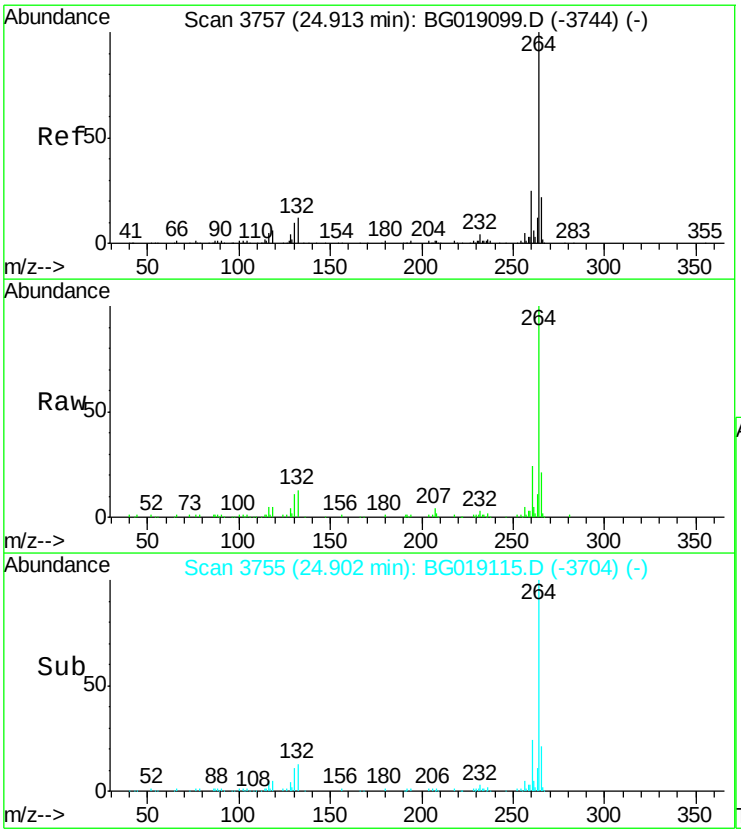
#84
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 22.79 min Scan# 3396
Delta R.T. 0.00 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 85

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	63.5	10.1	15.1#

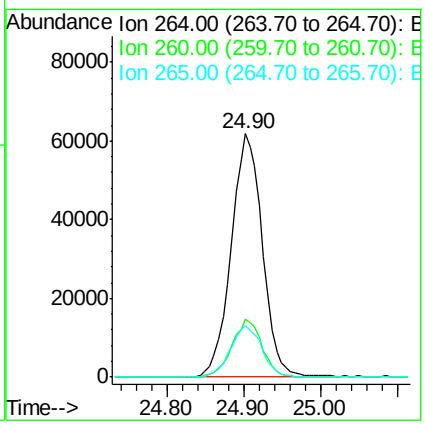


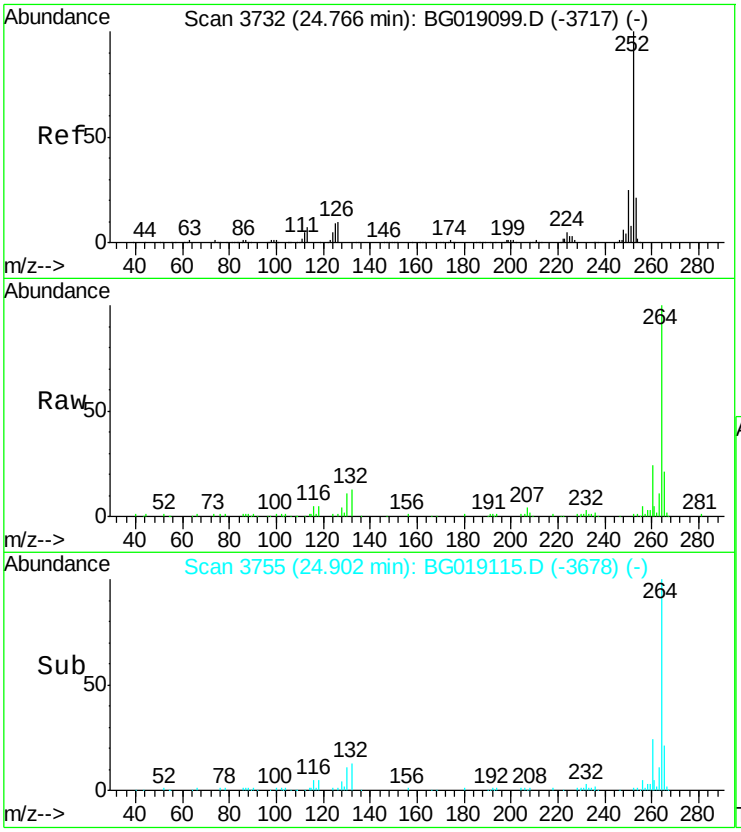


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.90 min Scan# 3755
Delta R.T. -0.00 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Tgt Ion:264 Resp: 175193

Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.1	30.1
265	21.1	17.2	25.8





#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 24.90 min Scan# 3755
Delta R.T. 0.15 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 452

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