Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
Data File : BG023871.D
Acq On : 24 Aug 2016 2:23
Operator : UM/SJ
Sample : H4556-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-17A(19.6-19.8)

Quant Time: Aug 24 04:51:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	104346	20.00	ng		-0.03
21) Naphthalene-d8	10.92	136	435595	20.00	ng		-0.03
38) Acenaphthene-d10	14.76	164	280919	20.00	ng		-0.02
63) Phenanthrene-d10	17.53	188	617277	20.00	ng		-0.02
75) Chrysene-d12	21.84	240	641137	20.00	ng		-0.03
86) Perylene-d12	25.21	264	666647	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	805945	130.01	ng		-0.03
7) Phenol-d6	7.25	99	1176534	121.85	ng		-0.03
23) Nitrobenzene-d5	9.27	82	837015	95.53	ng		-0.03
41) 2,4,6-Tribromophenol	16.26	330	419624	102.12	ng		-0.02
44) 2-Fluorobiphenyl	13.38	172	1453223	87.25	ng		-0.02
78) Terphenyl-d14	20.13	244	1847671	91.69	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	7.24	77	5609	Below Cal		#	32
10) Phenol	7.27	94	22444	2.17	ng		83
18) Hexachloroethane	9.21	117	18128	5.77	ng	#	1
22) Acetophenone	8.90	105	32275	2.71	ng	#	56
31) Naphthalene	10.98	128	166402	7.50	ng		95
32) Benzoic acid	10.22	122	893	6.56	ng	#	12
37) 2-Methylnaphthalene	12.80	142	453500	26.89	ng		91
45) 1,1'-Biphenyl	13.59	154	64932	3.02	ng		98
49) Dimethylphthalate	14.21	163	445148	20.65	ng		99
51) Acenaphthene	14.83	154	40110	2.41	ng	#	93
55) 4-Nitrophenol	14.96	139	46631	10.32	ng	#	22
57) Fluorene	15.82	166	95979	4.55	ng		99
65) n-Nitrosodiphenylamine	16.02	169	145451	8.03	ng	#	54
70) Phenanthrene	17.57	178	355270	11.34	ng	#	93
73) Di-n-butylphthalate	18.47	149	2119	Below Cal		#	1
74) Fluoranthene	19.58	202	40805	Below Cal			84
77) Pyrene	19.95	202	193766	Below Cal		#	88

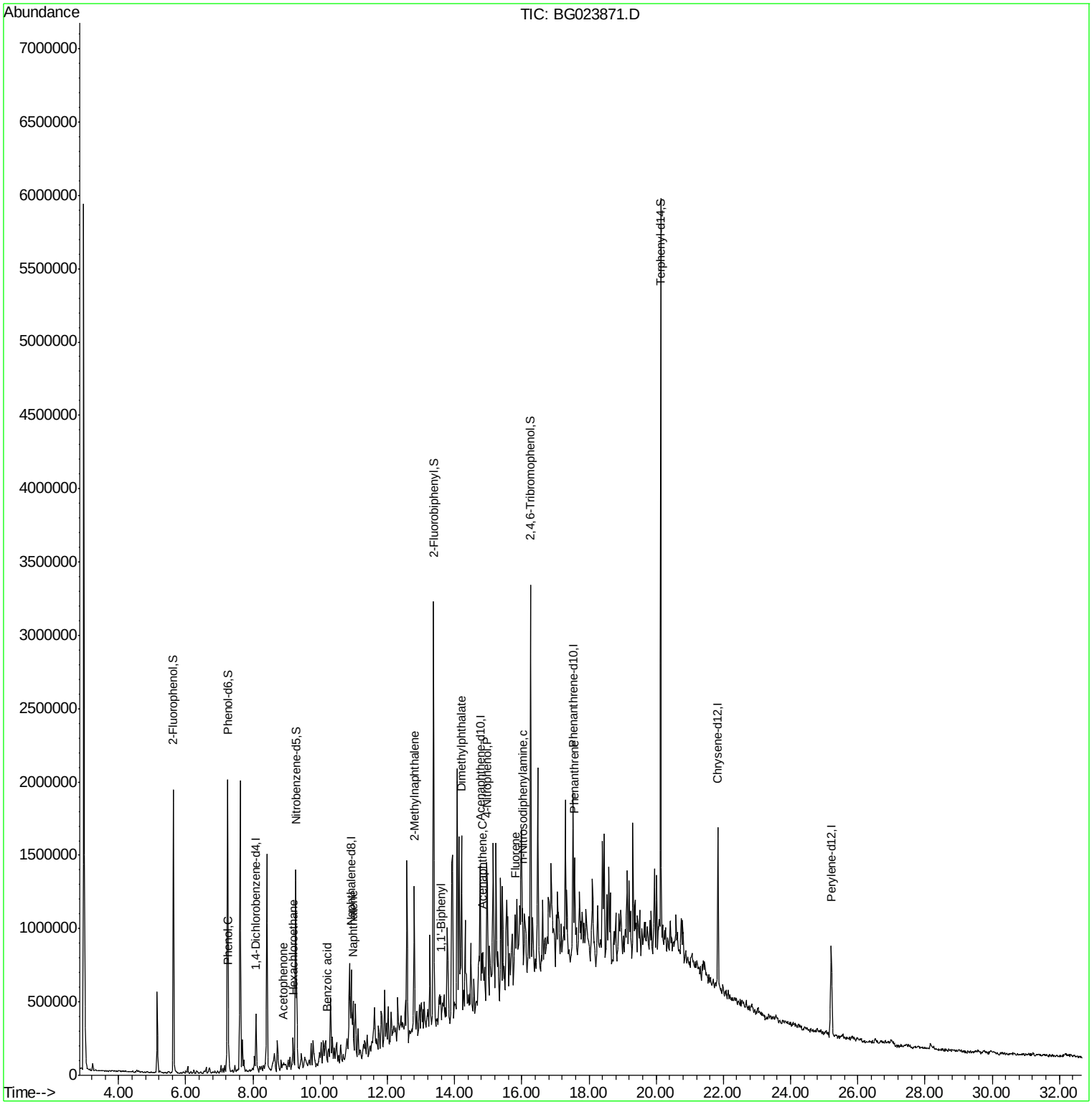
(#) = qualifier out of range (m) = manual integration (+) = signals summed

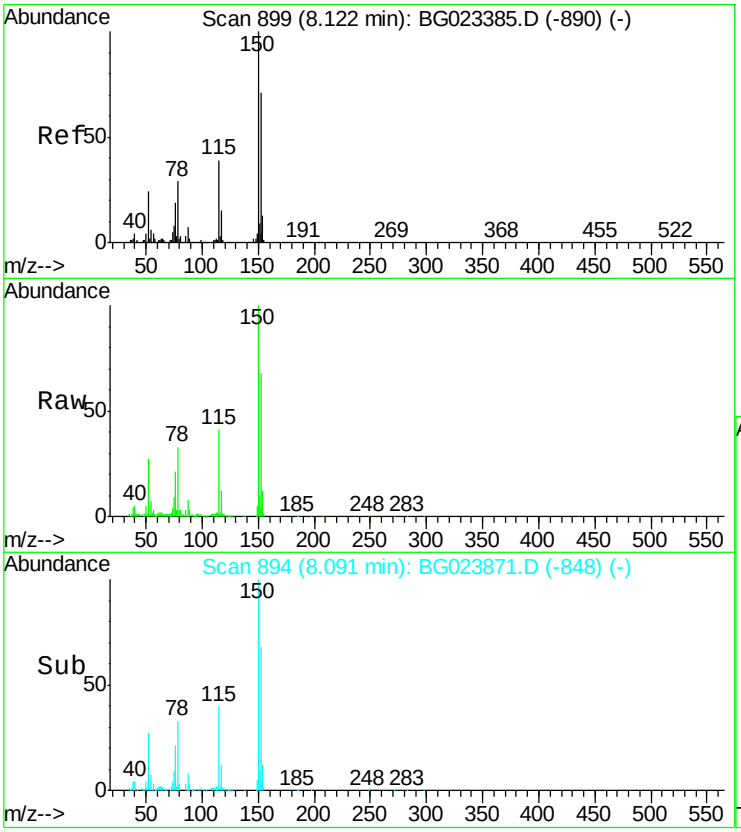
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
Data File : BG023871.D
Acq On : 24 Aug 2016 2:23
Operator : UM/SJ
Sample : H4556-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

Quant Time: Aug 24 04:51:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration



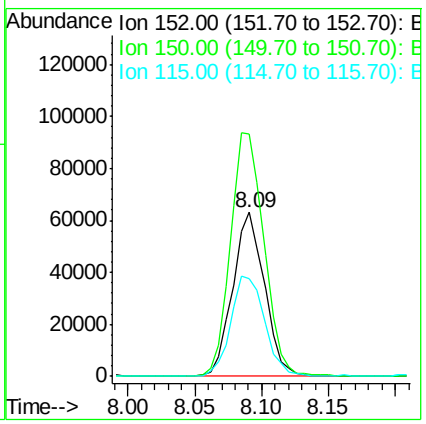


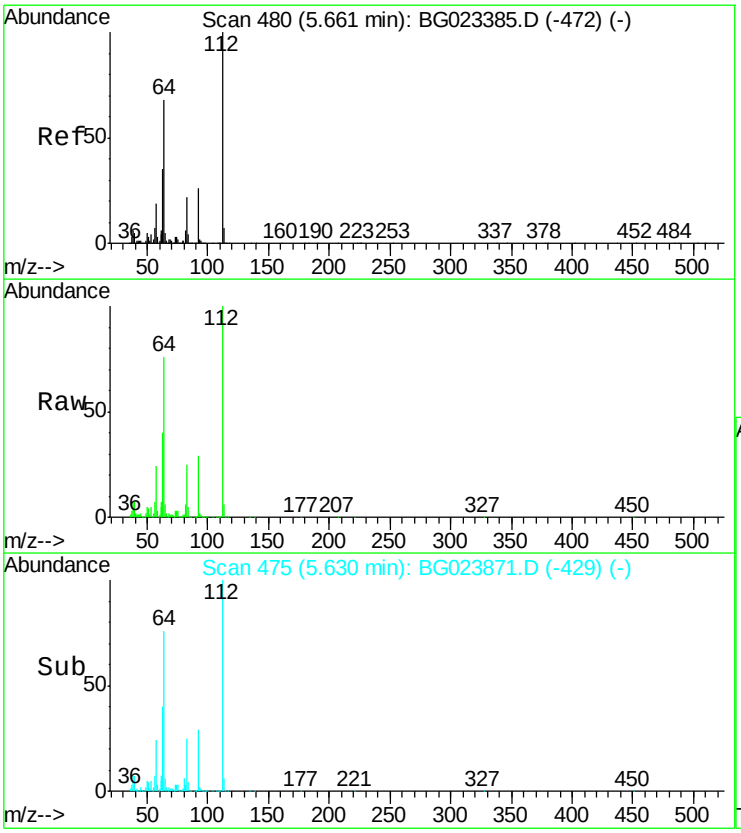
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

Tgt Ion:152 Resp: 104346

Ion	Ratio	Lower	Upper
152	100		
150	148.0	144.7	217.1
115	60.1	64.0	96.0#

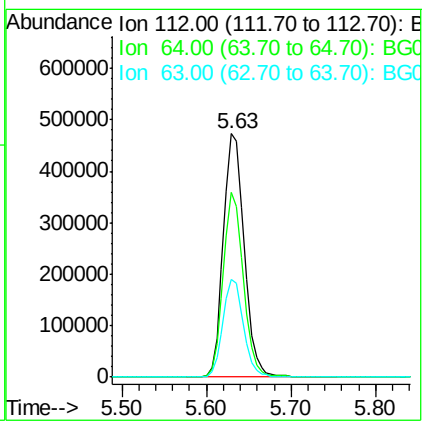


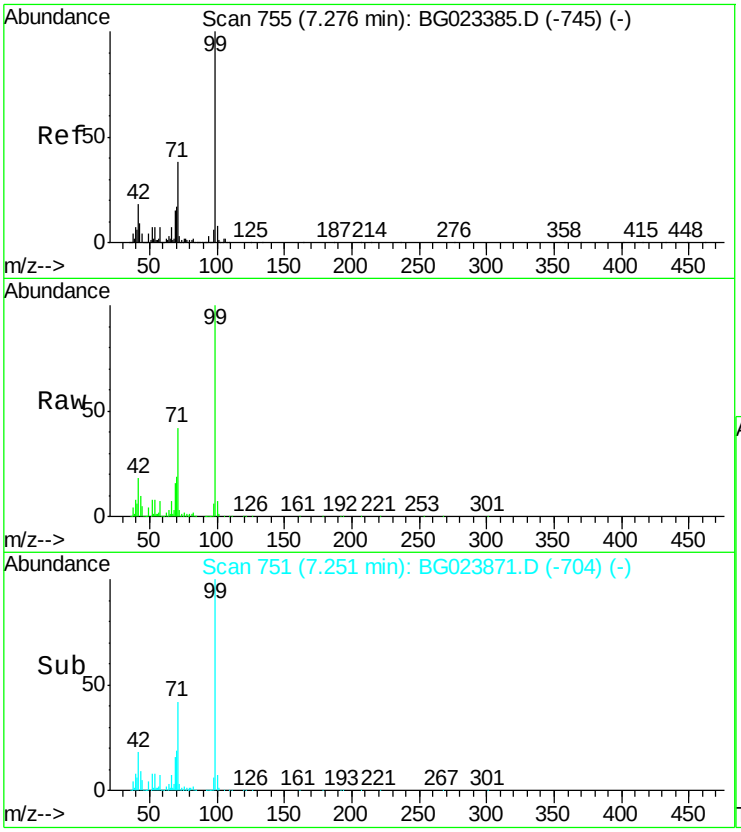


#5
2-Fluorophenol
Concen: 130.01 ng
RT: 5.63 min Scan# 475
Delta R.T. -0.03 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Tgt Ion:112 Resp: 805945

Ion	Ratio	Lower	Upper
112	100		
64	76.1	59.0	88.4
63	40.0	37.8	56.8



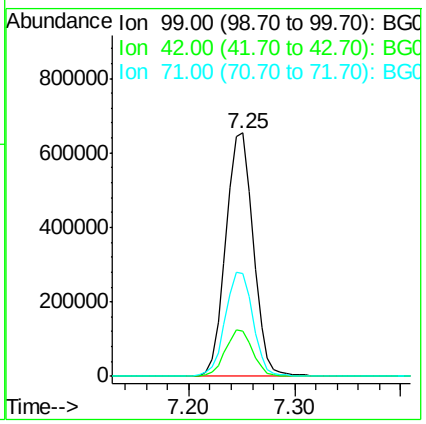


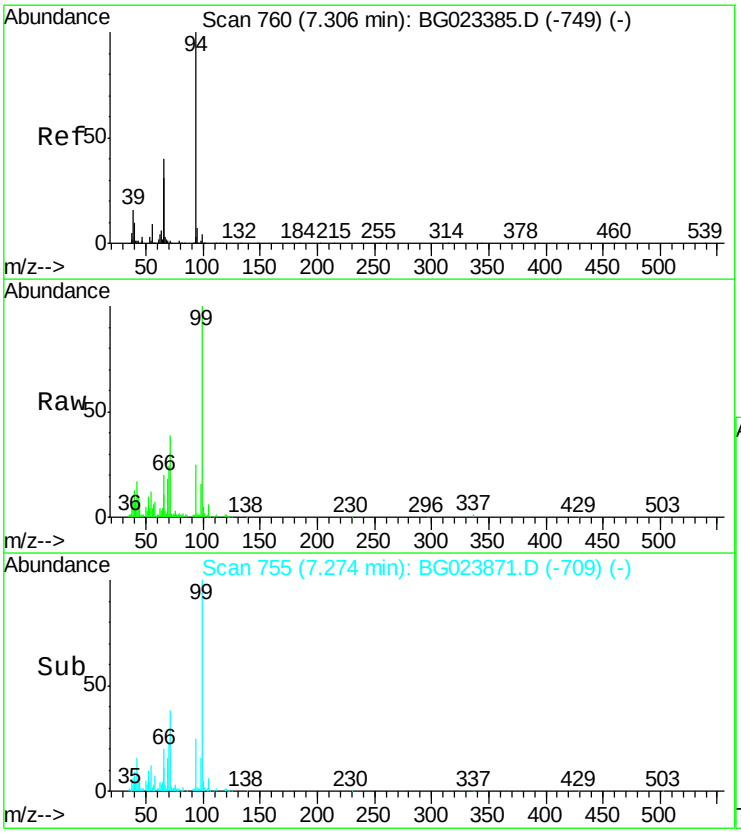
#7
Phenol-d6
Concen: 121.85 ng
RT: 7.25 min Scan# 751
Delta R.T. -0.03 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

Tgt Ion: 99 Resp: 1176534

Ion	Ratio	Lower	Upper
99	100		
42	18.3	17.8	26.6
71	42.2	41.5	62.3

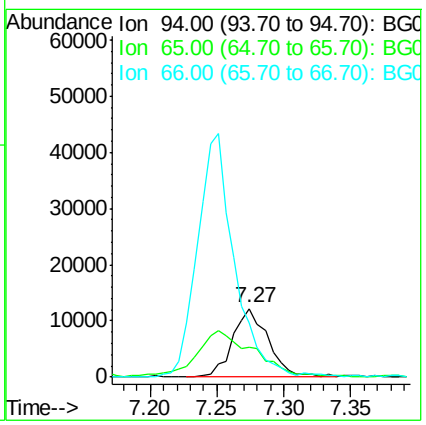


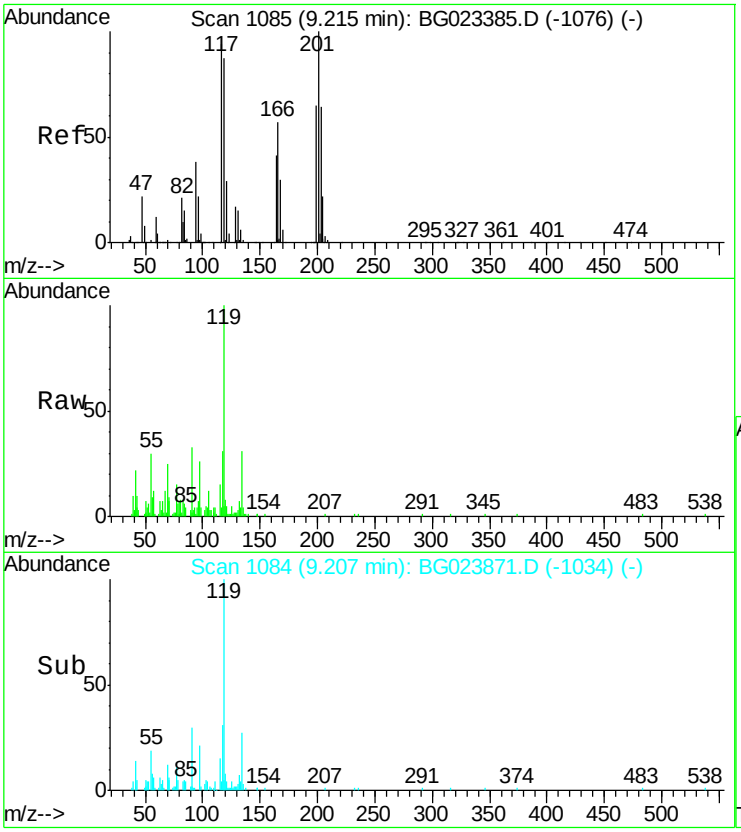


#10
Phenol
Concen: 2.17 ng
RT: 7.27 min Scan# 755
Delta R.T. -0.03 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Tgt Ion: 94 Resp: 22444

Ion	Ratio	Lower	Upper
94	100		
65	42.7	18.1	58.1
66	79.6	42.1	82.1



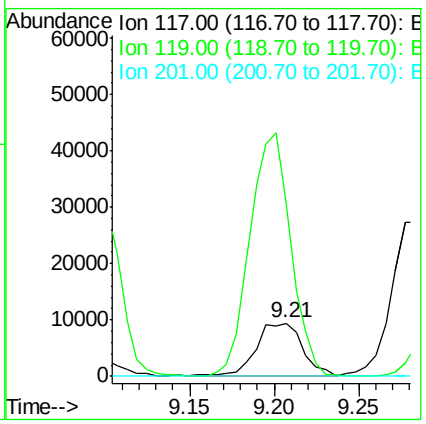


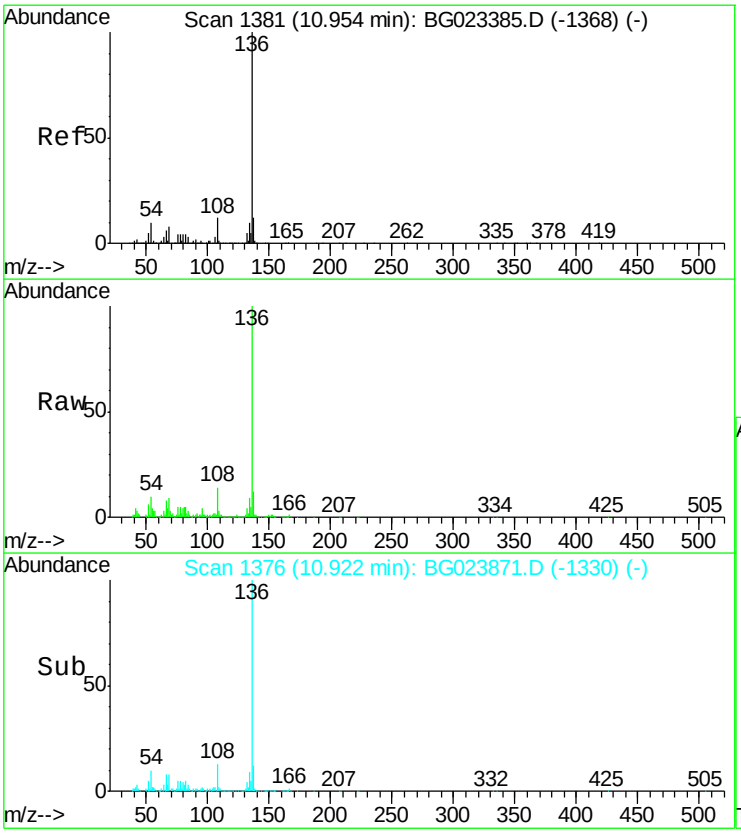
#18
Hexachloroethane
Concen: 5.77 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

Tgt Ion:117 Resp: 18128

Ion	Ratio	Lower	Upper
117	100		
119	325.2	73.7	110.5#
201	0.0	88.7	133.1#

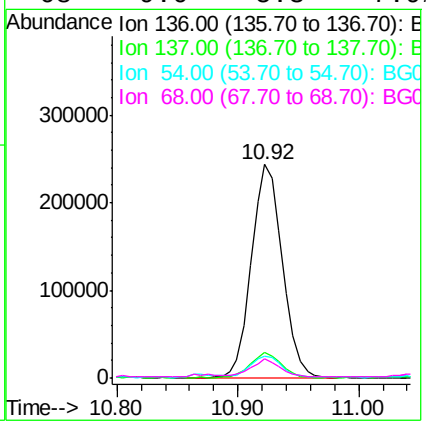


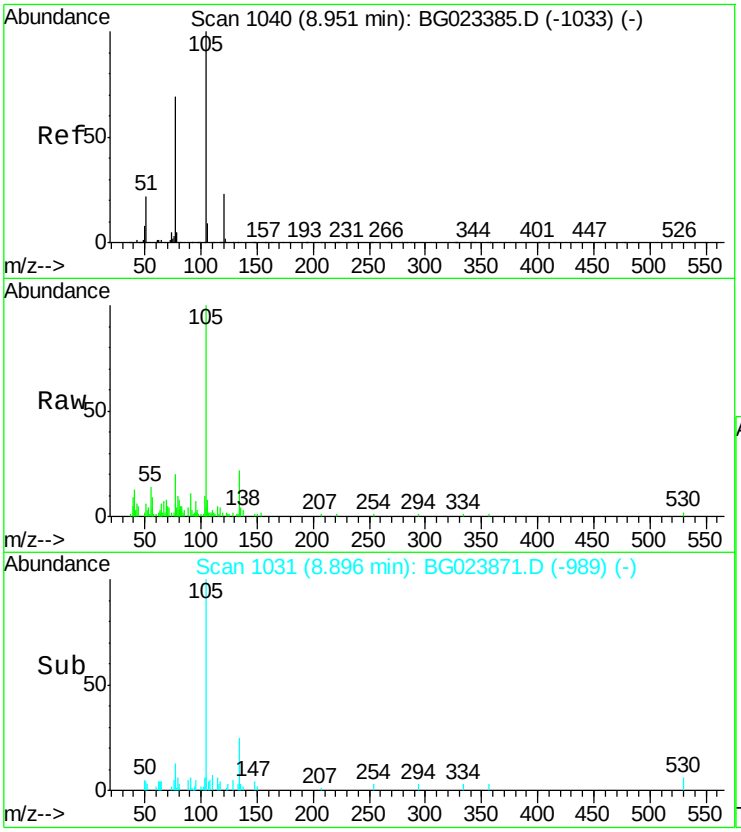


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.03 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Tgt Ion:136 Resp: 435595

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	10.4	7.3	10.9
68	9.0	5.3	7.9#



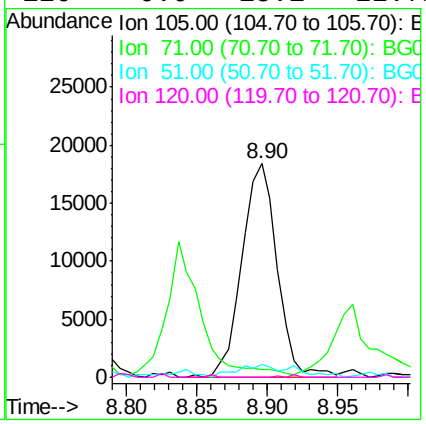


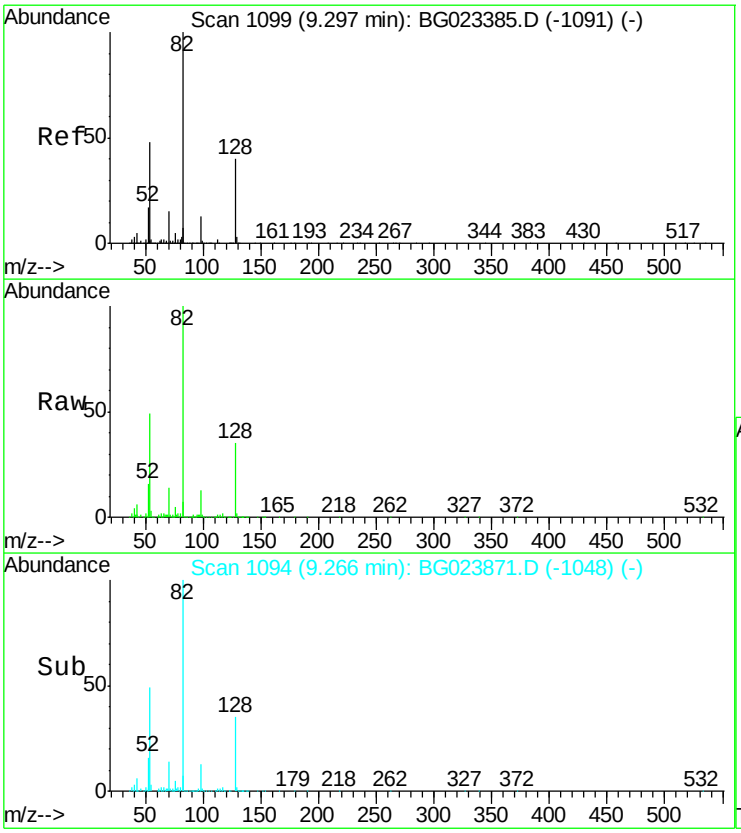
#22
Acetophenone
Concen: 2.71 ng
RT: 8.90 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

Tgt Ion:105 Resp: 32275

Ion	Ratio	Lower	Upper
105	100		
71	3.6	2.6	3.8
51	5.9	27.1	40.7#
120	0.0	15.1	22.7#

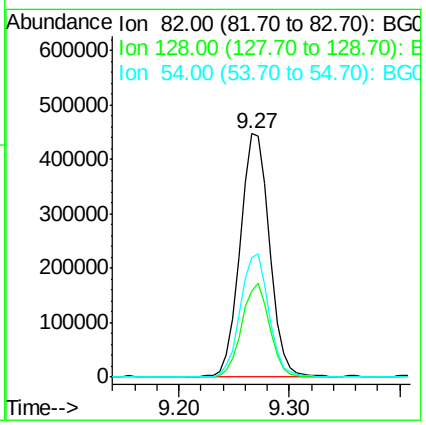


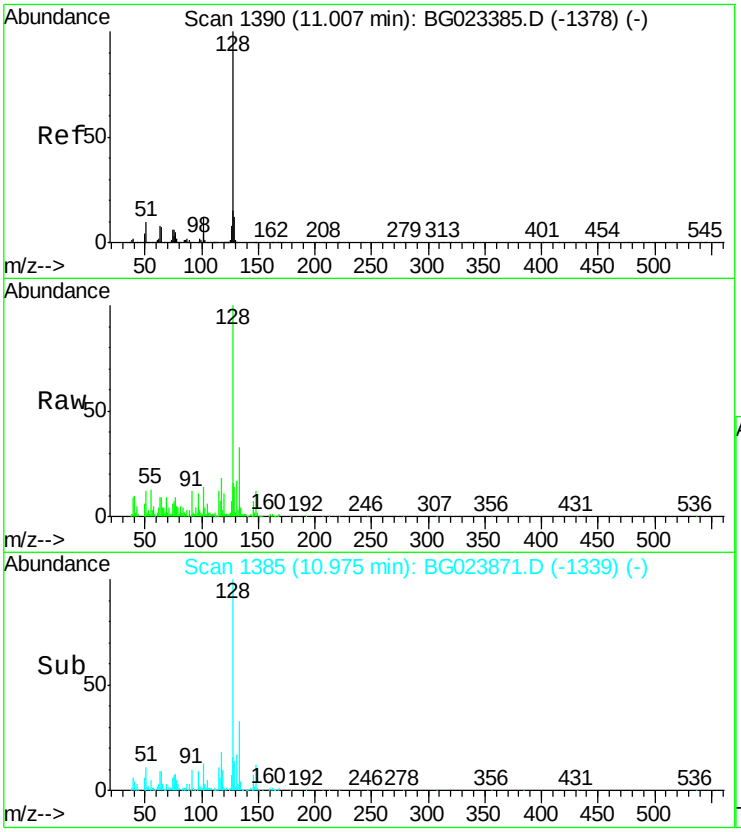


#23
Nitrobenzene-d5
Concen: 95.53 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Tgt Ion: 82 Resp: 837015

Ion	Ratio	Lower	Upper
82	100		
128	35.2	24.4	36.6
54	49.2	41.4	62.0



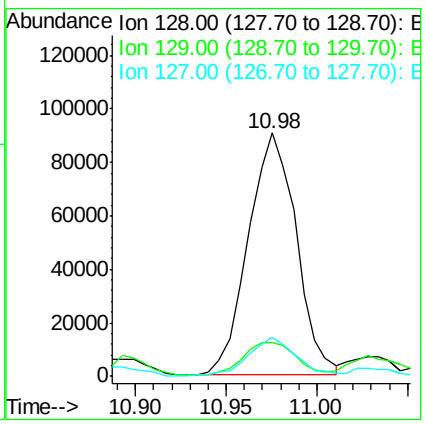


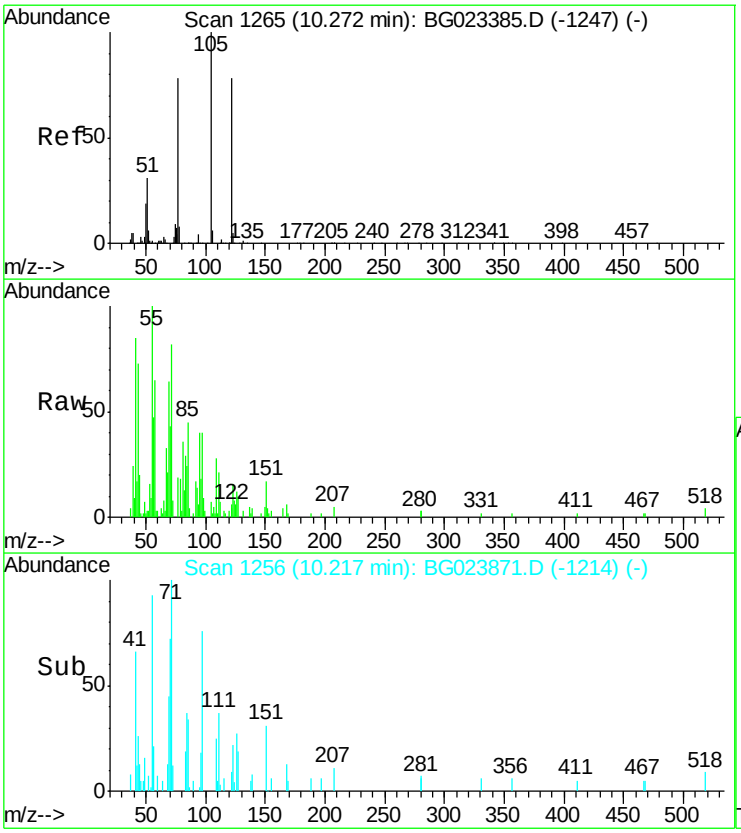
#31
Naphthalene
Concen: 7.50 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.03 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

Tgt Ion:128 Resp: 166402

Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.4	14.0
127	15.9	11.3	16.9

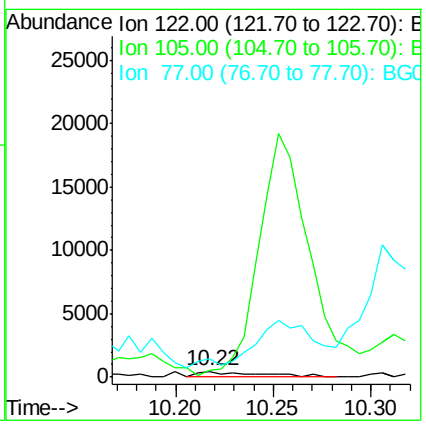


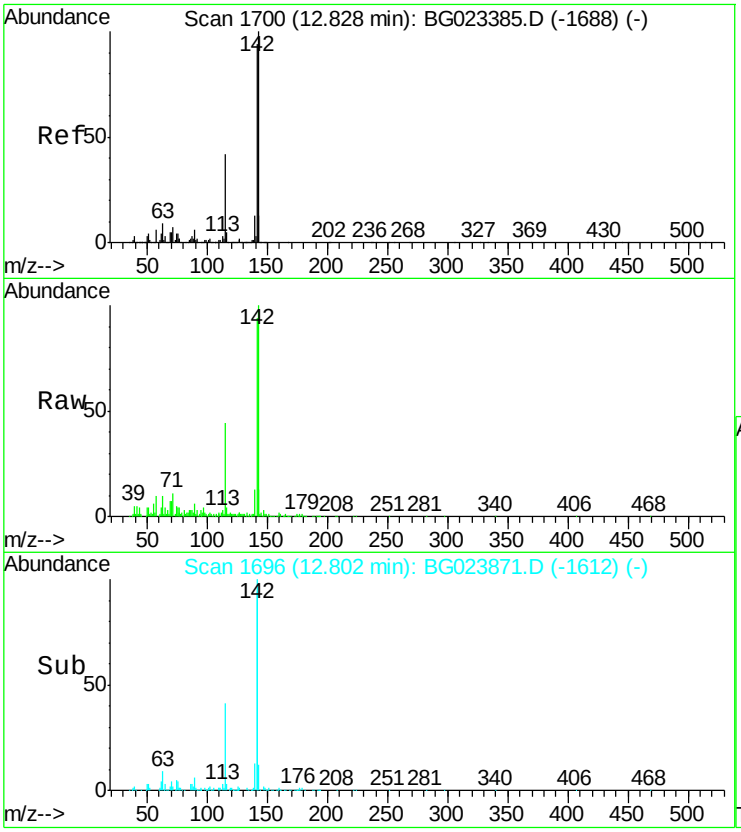


#32
Benzoic acid
Concen: 6.56 ng
RT: 10.22 min Scan# 1256
Delta R.T. -0.05 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Tgt Ion:122 Resp: 893

Ion	Ratio	Lower	Upper
122	100		
105	115.5	117.2	157.2#
77	318.2	109.2	149.2#



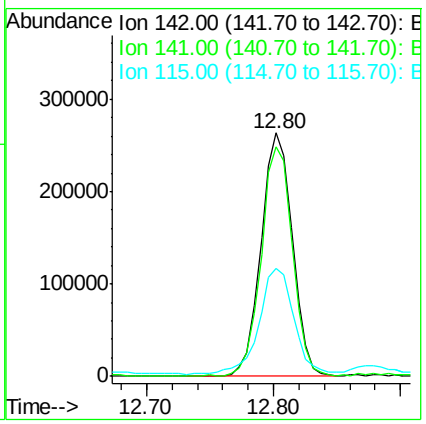


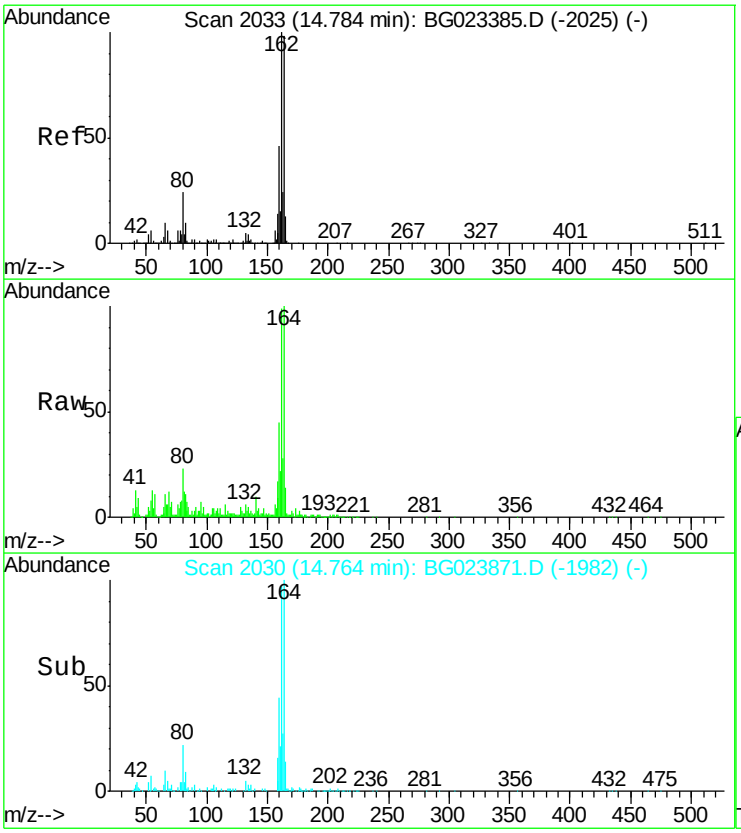
#37
2-Methylnaphthalene
Concen: 26.89 ng
RT: 12.80 min Scan# 1696
Delta R.T. 0.19 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

Tgt Ion:142 Resp: 453500

Ion	Ratio	Lower	Upper
142	100		
141	94.5	70.2	105.2
115	44.3	41.7	62.5

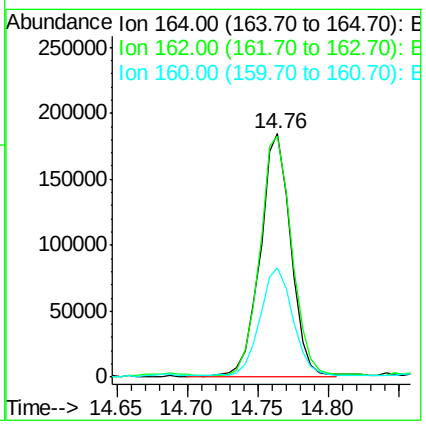


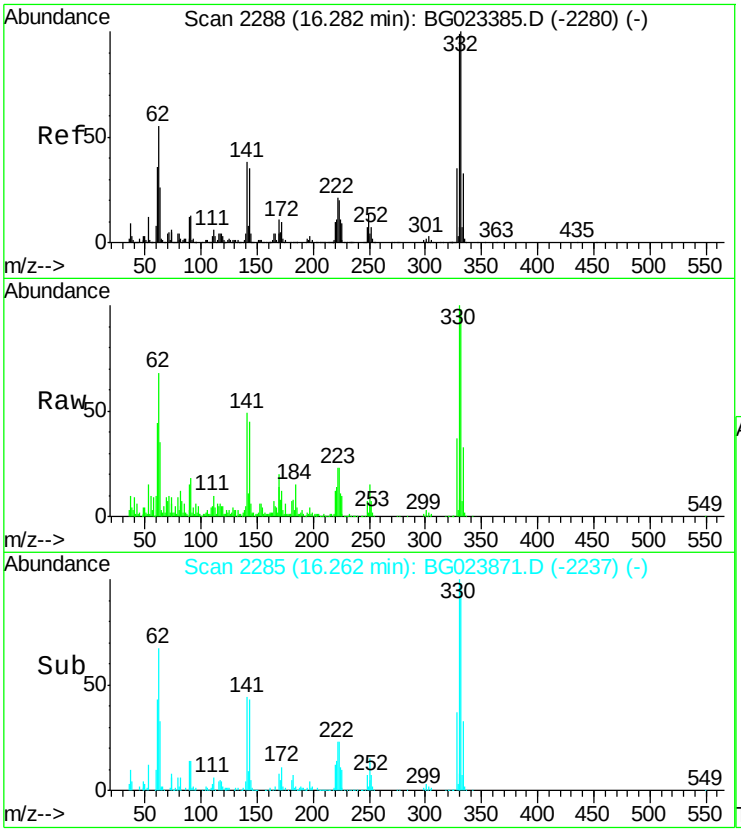


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Tgt Ion:164 Resp: 280919

Ion	Ratio	Lower	Upper
164	100		
162	99.1	87.7	131.5
160	45.1	37.2	55.8



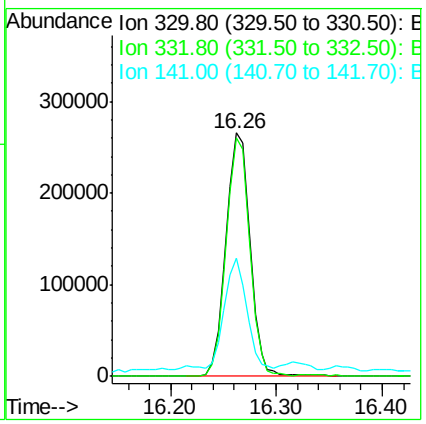


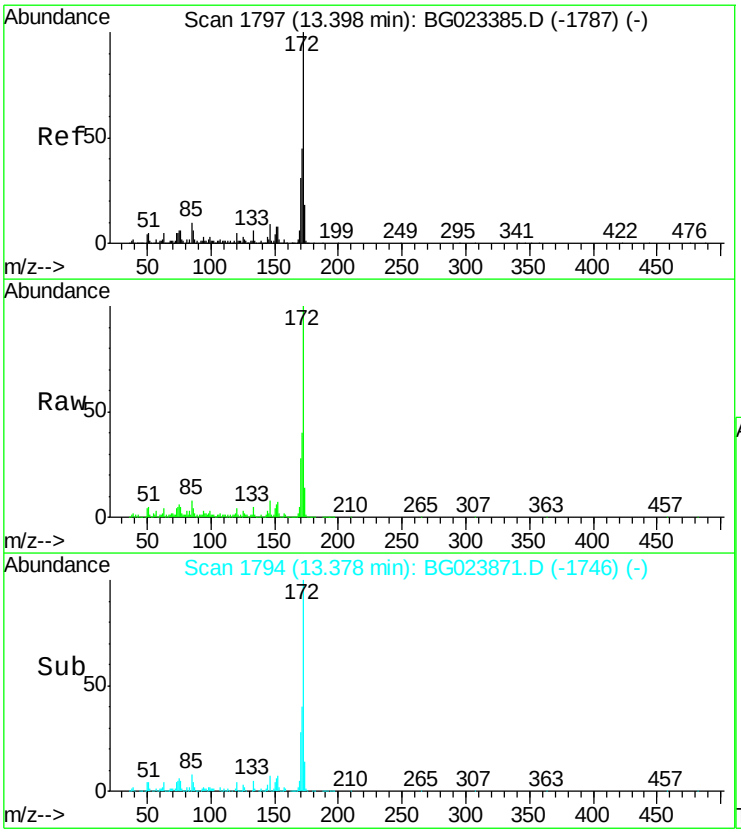
#41
2,4,6-Tribromophenol
Concen: 102.12 ng
RT: 16.26 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

Tgt Ion:330 Resp: 419624

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	42.9	31.7	47.5

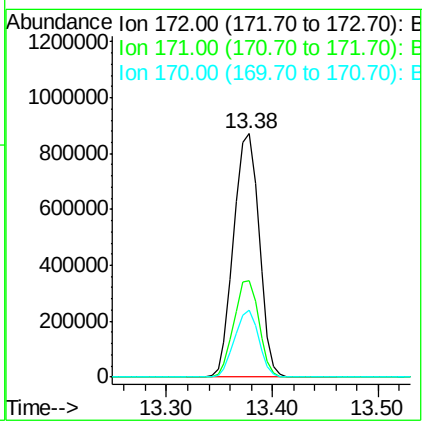


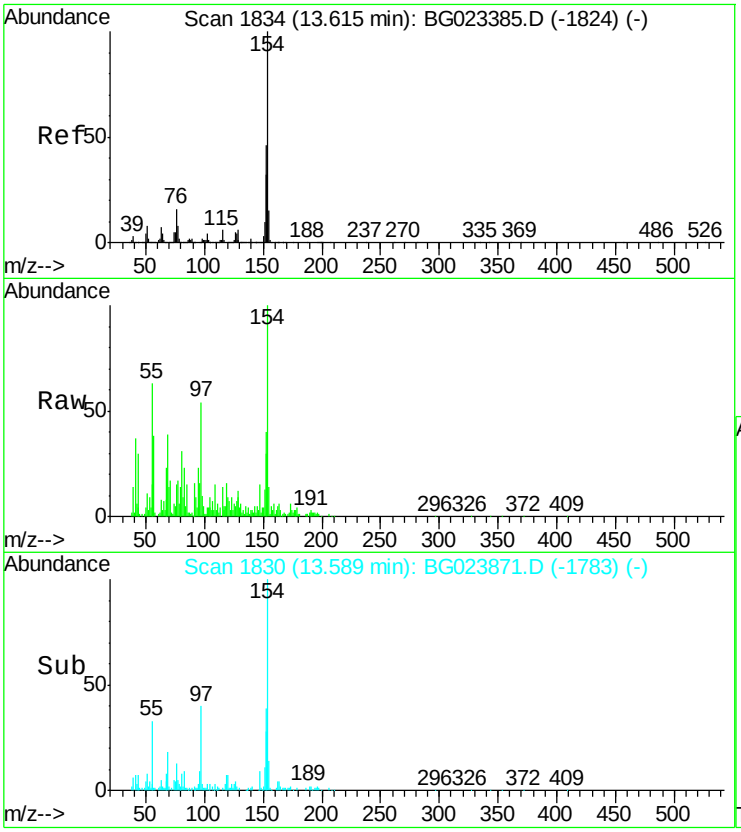


#44
2-Fluorobiphenyl
Concen: 87.25 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Tgt Ion:172 Resp: 1453223

Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.6	47.4
170	27.7	21.3	31.9



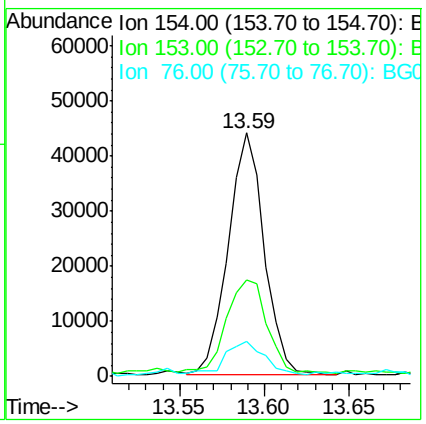


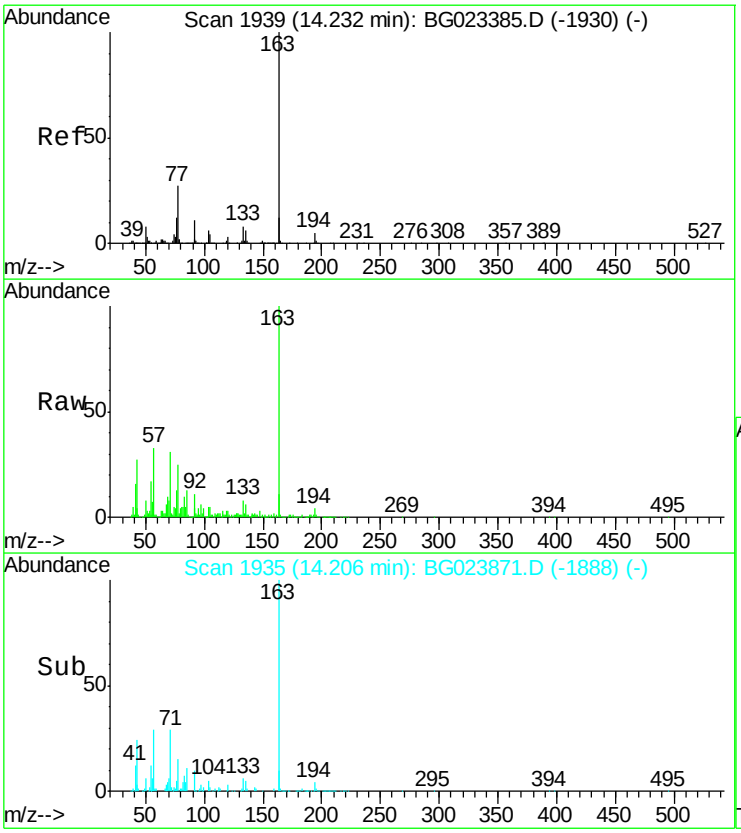
#45
1,1'-Biphenyl
Concen: 3.02 ng
RT: 13.59 min Scan# 1830
Delta R.T. -0.03 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

Tgt Ion:154 Resp: 64932

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.2	60.2
76	14.6	0.0	32.9

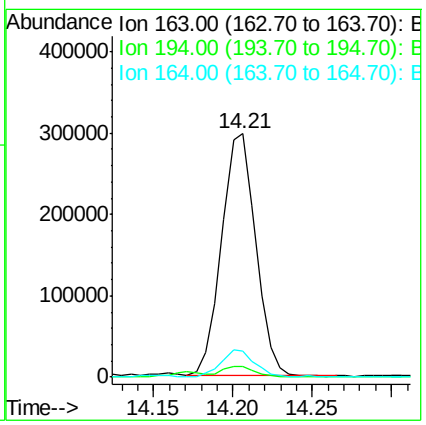


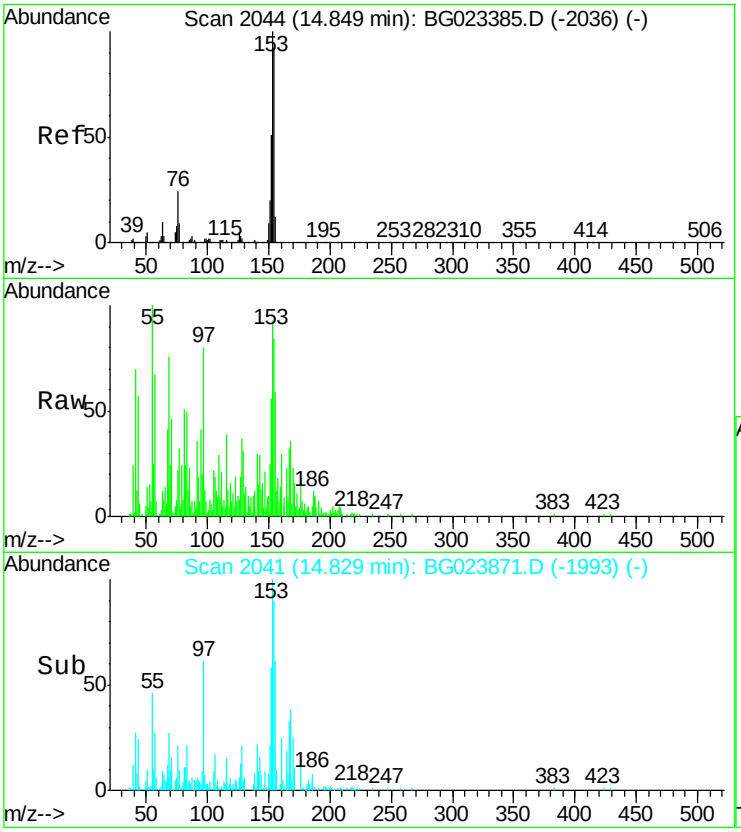


#49
Dimethylphthalate
Concen: 20.65 ng
RT: 14.21 min Scan# 1935
Delta R.T. -0.03 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Tgt Ion:163 Resp: 445148

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	10.7	8.1	12.1



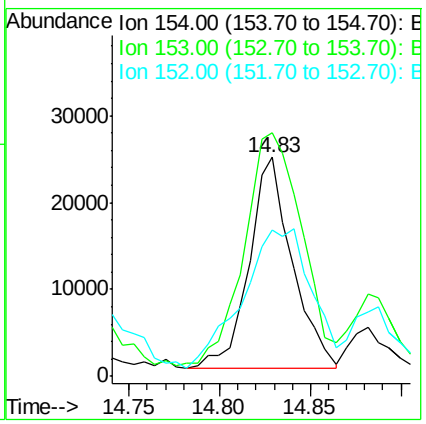


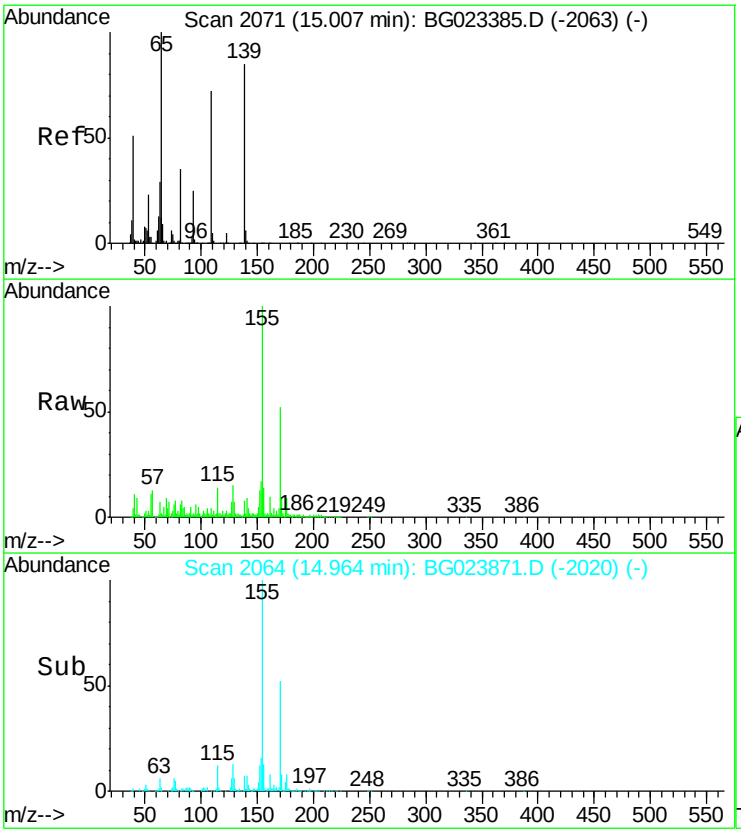
#51
Acenaphthene
Concen: 2.41 ng
RT: 14.83 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

Tgt Ion:154 Resp: 40110

Ion	Ratio	Lower	Upper
154	100		
153	111.1	87.5	131.3
152	66.7	42.7	64.1#

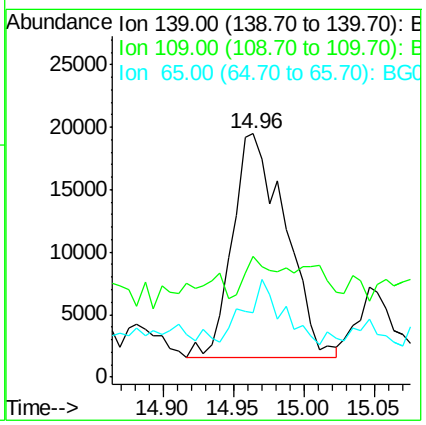


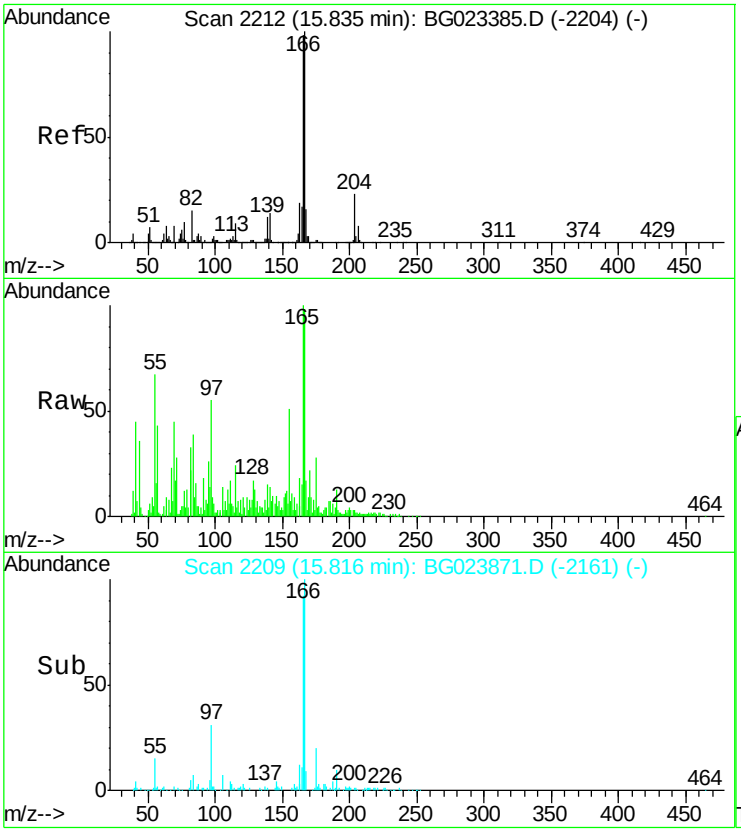


#55
4-Nitrophenol
Concen: 10.32 ng
RT: 14.96 min Scan# 2064
Delta R.T. -0.04 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Tgt Ion:139 Resp: 46631

Ion	Ratio	Lower	Upper
139	100		
109	49.7	103.0	143.0#
65	26.5	112.7	152.7#



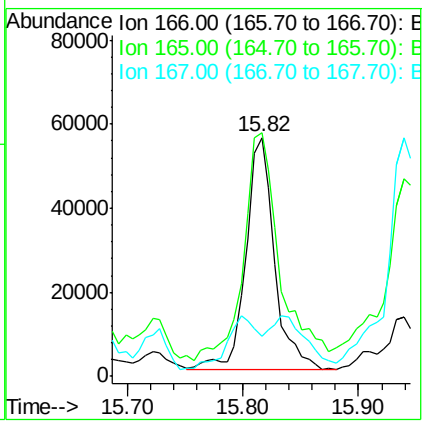


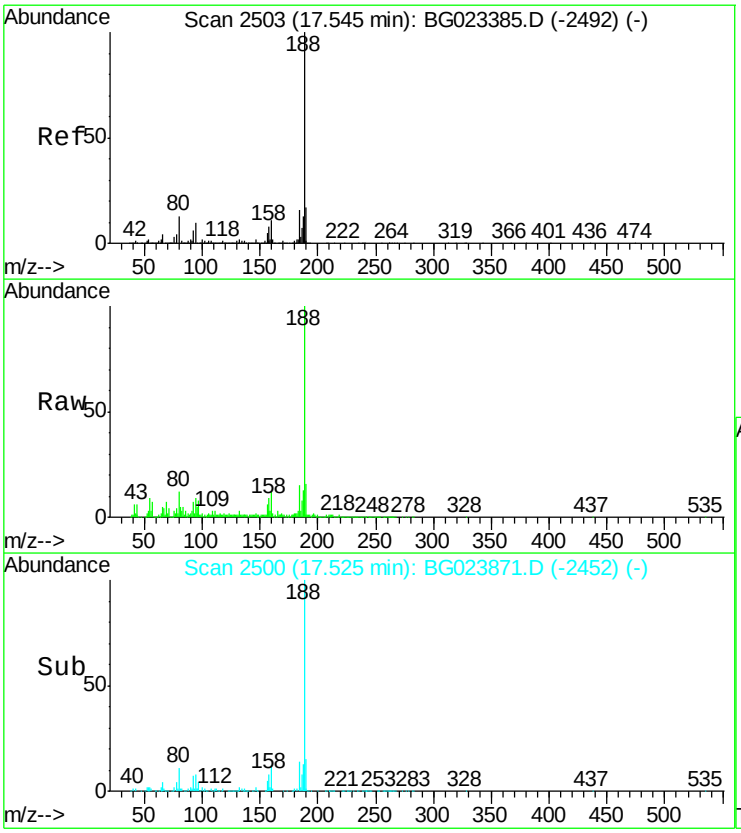
#57
Fluorene
Concen: 4.55 ng
RT: 15.82 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

Tgt Ion:166 Resp: 95979

Ion	Ratio	Lower	Upper
166	100		
165	101.9	81.0	121.6
167	16.8	12.0	18.0

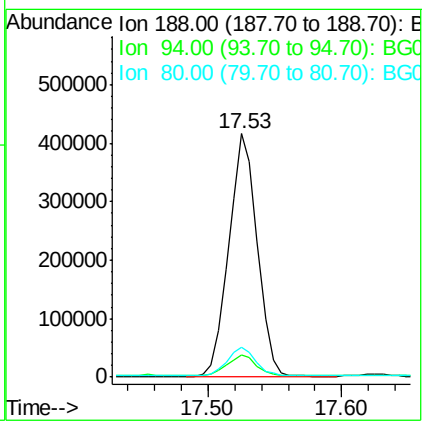


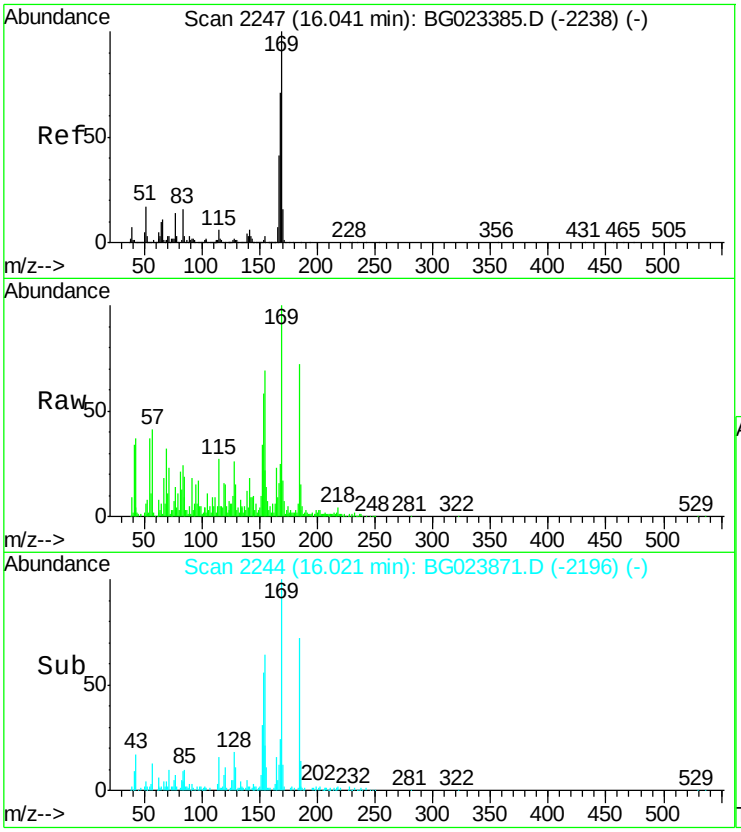


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2500
Delta R.T. -0.02 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Tgt Ion:188 Resp: 617277

Ion	Ratio	Lower	Upper
188	100		
94	8.9	5.2	7.8#
80	12.0	7.2	10.8#



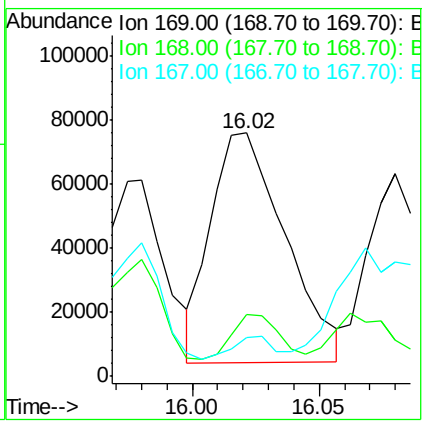


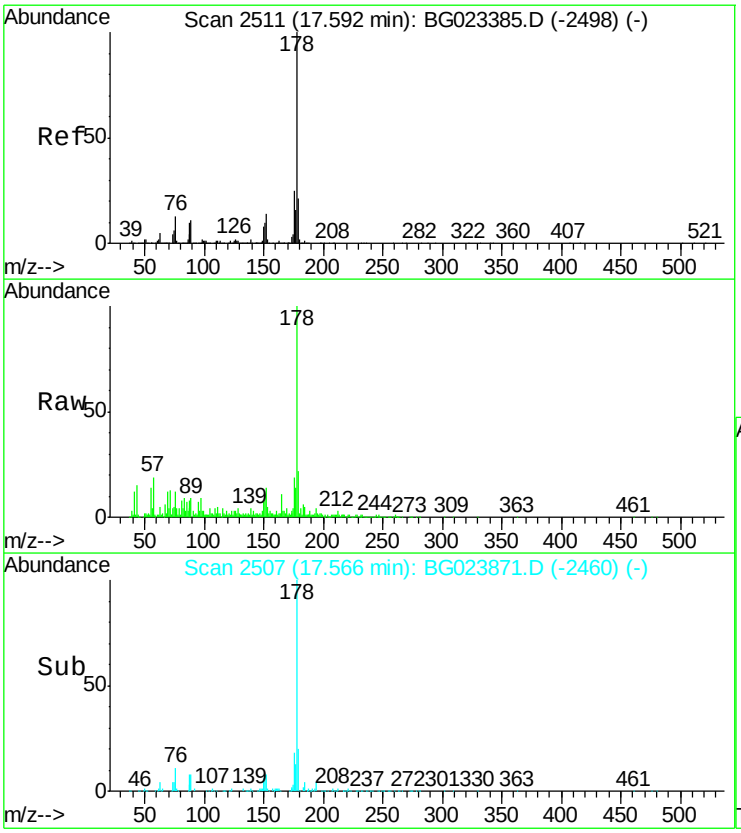
#65
n-Nitrosodiphenylamine
Concen: 8.03 ng
RT: 16.02 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

Tgt Ion:169 Resp: 145451

Ion	Ratio	Lower	Upper
169	100		
168	25.2	55.0	82.4#
167	15.8	27.4	41.0#

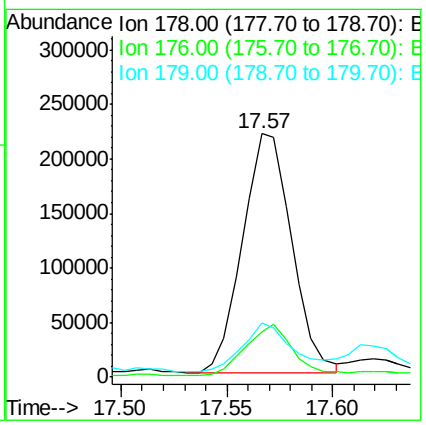


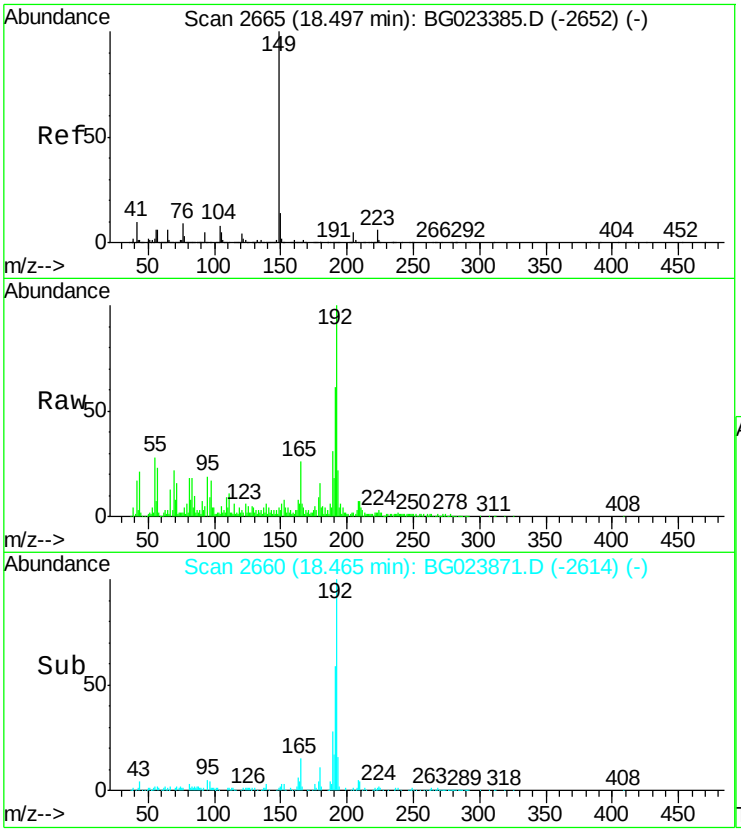


#70
Phenanthrene
Concen: 11.34 ng
RT: 17.57 min Scan# 2507
Delta R.T. -0.03 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Tgt Ion:178 Resp: 355270

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.8	25.2
179	22.1	14.3	21.5#



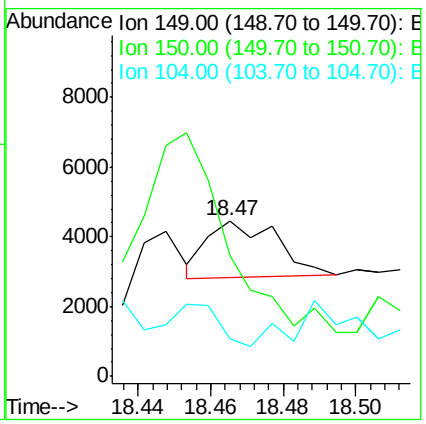


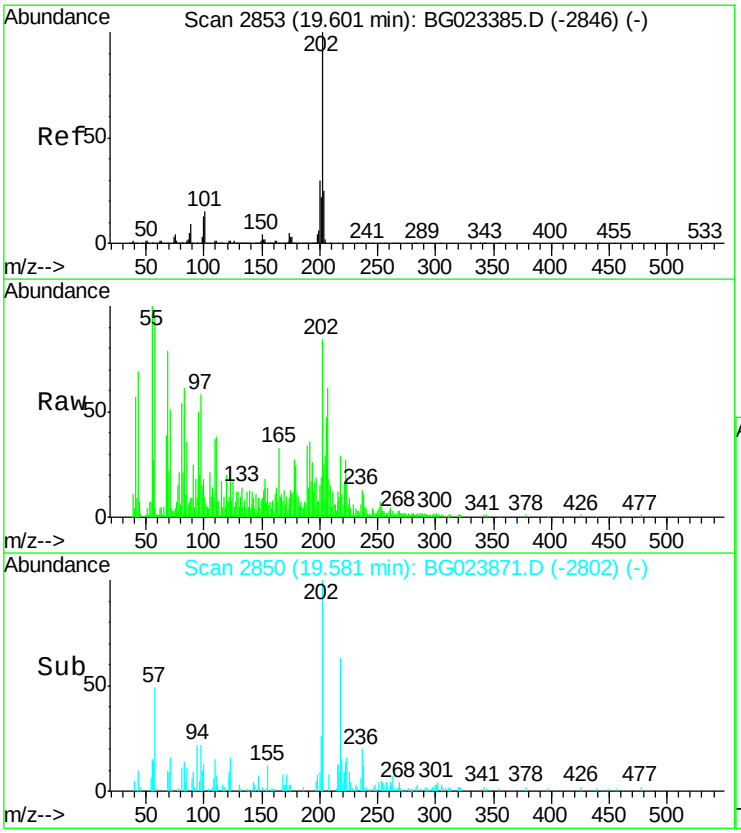
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.47 min Scan# 2660
Delta R.T. -0.03 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

Tgt Ion:149 Resp: 2119

Ion	Ratio	Lower	Upper
149	100		
150	77.6	9.1	13.7#
104	24.1	6.9	10.3#

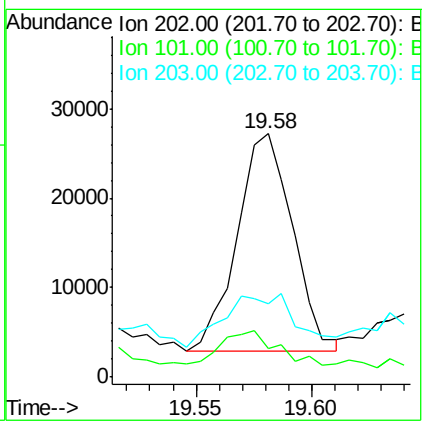


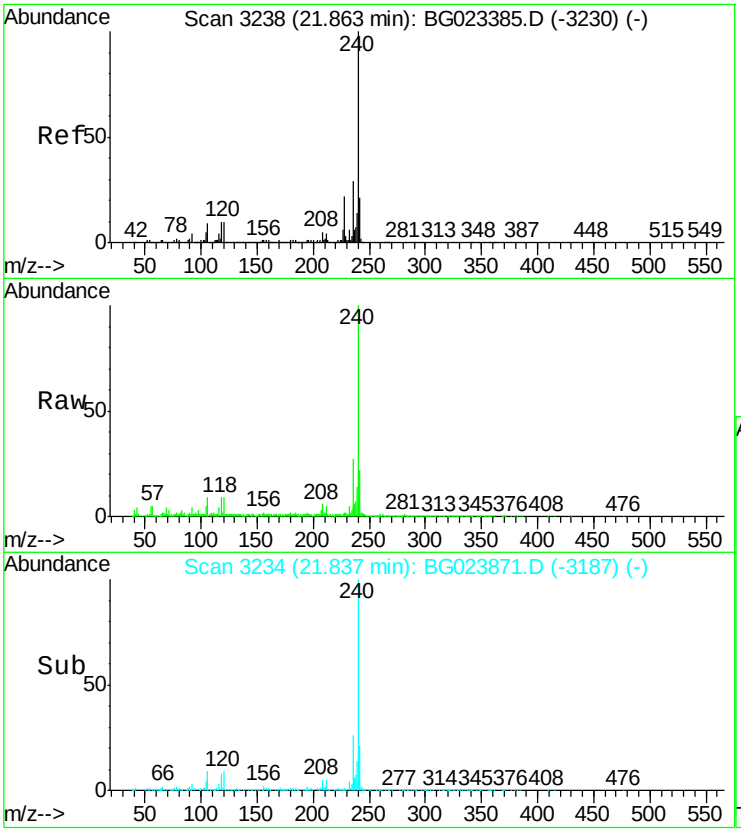


#74
Fluoranthene
Concen: Below Cal
RT: 19.58 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Tgt Ion:202 Resp: 40805

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	27.4
203	30.0	1.7	41.7



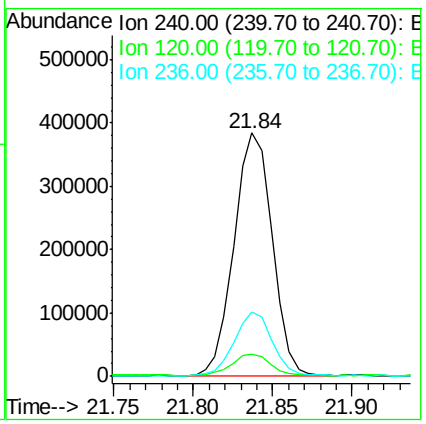


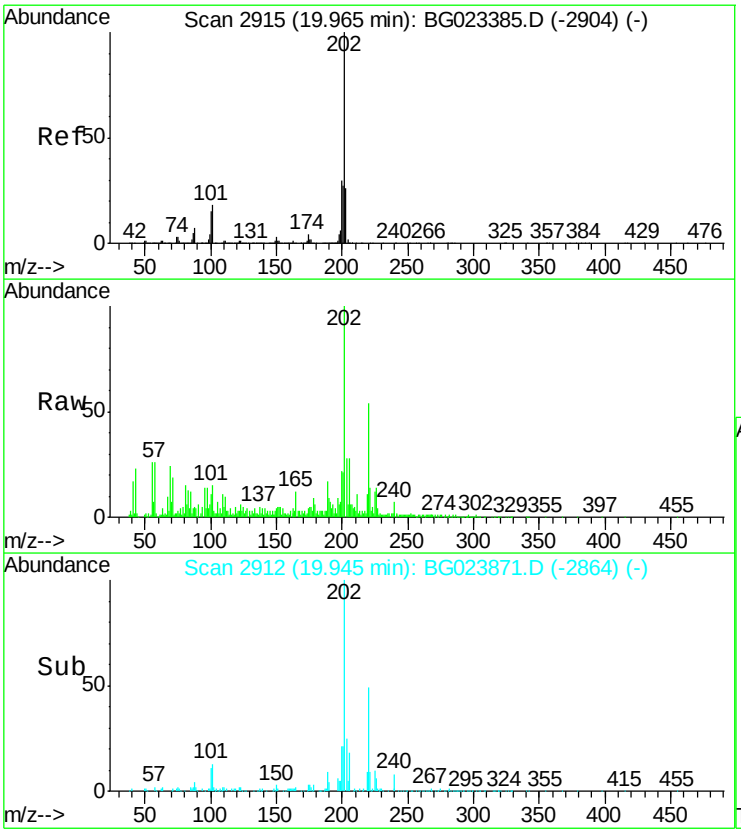
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.03 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

Tgt Ion:240 Resp: 641137

Ion	Ratio	Lower	Upper
240	100		
120	9.4	4.1	6.1#
236	26.6	21.1	31.7

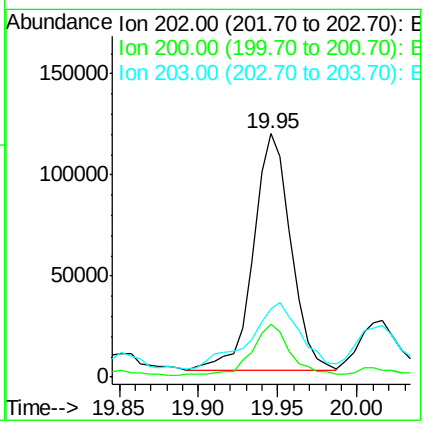


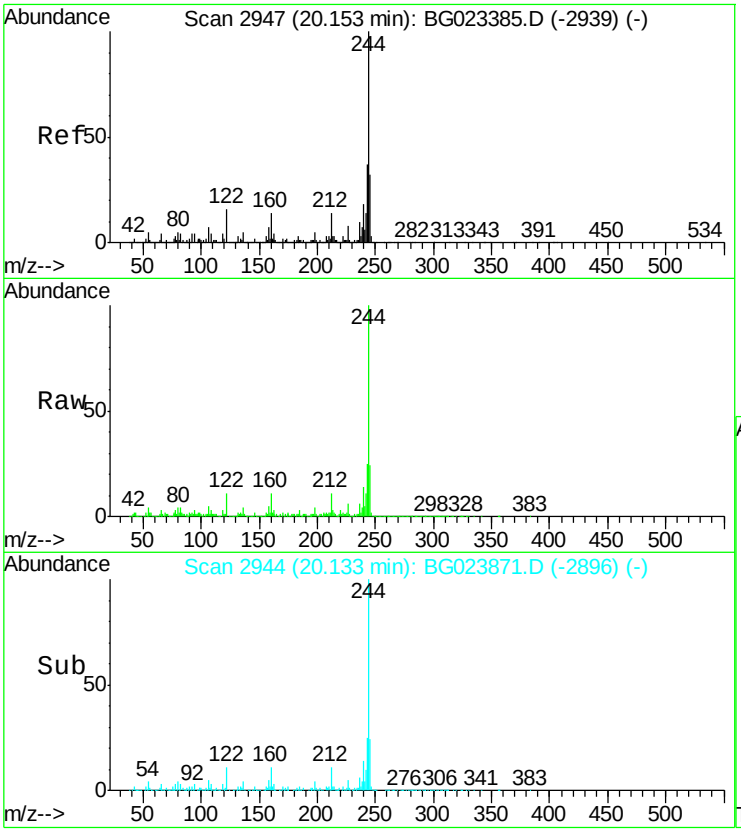


#77
Pyrene
Concen: Below Cal
RT: 19.95 min Scan# 2912
Delta R.T. -0.02 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Tgt Ion:202 Resp: 193766

Ion	Ratio	Lower	Upper
202	100		
200	21.6	21.2	31.8
203	28.1	16.8	25.2#



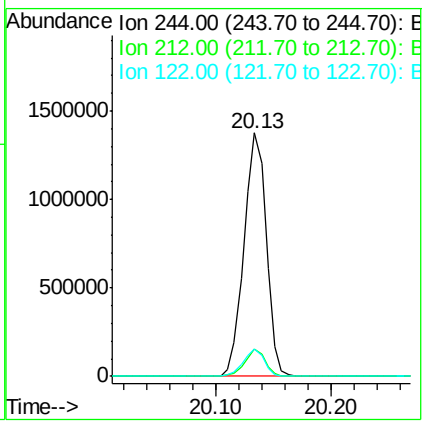


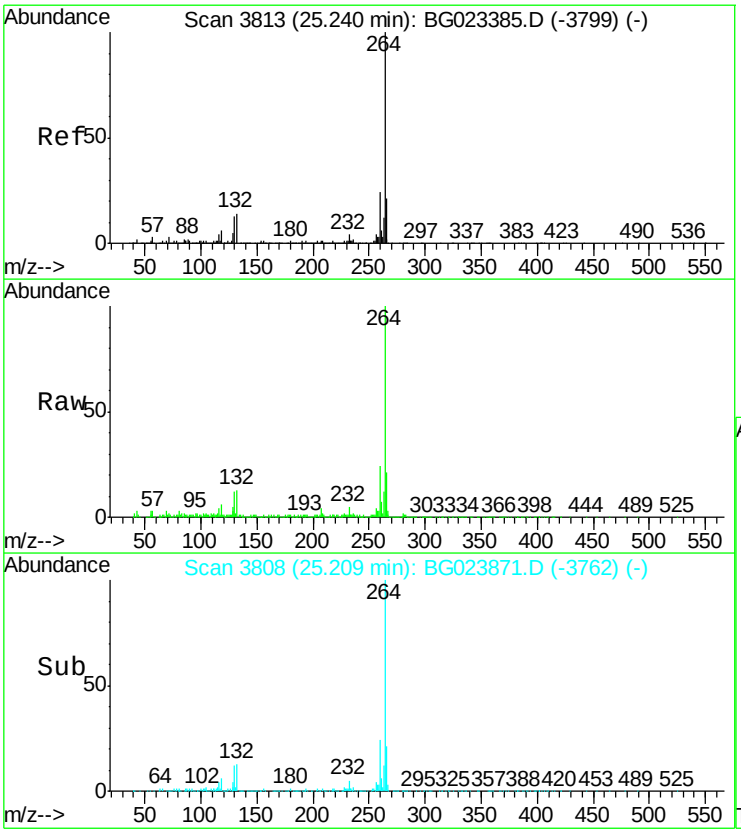
#78
Terphenyl-d14
Concen: 91.69 ng
RT: 20.13 min Scan# 2944
Delta R.T. -0.02 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

Tgt Ion:244 Resp: 1847671

Ion	Ratio	Lower	Upper
244	100		
212	11.1	10.8	16.2
122	11.0	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. -0.03 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Tgt Ion:264 Resp: 666647

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	21.4	18.9	28.3