Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
Data File : BM010092.D
Acq On : 20 May 2017 05:01
Operator : SJ/MA
Sample : I3177-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOUTH-A

Quant Time: May 20 05:41:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	2058	20.00	ng	0.00
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.79
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.61
63) Phenanthrene-d10	17.35	188	274	20.00	ng	0.00
75) Chrysene-d12	21.50	240	1414	20.00	ng	-0.01
86) Perylene-d12	23.87	264	361	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1465441	12858.90	ng	0.00
7) Phenol-d6	7.16	99	1842641	12565.46	ng	-0.01
23) Nitrobenzene-d5	9.16	82	1151931	0.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	841100	0.00	ng	0.00
44) 2-Fluorobiphenyl	13.22	172	2937224	0.00	ng	-0.01
78) Terphenyl-d14	19.94	244	5081606	81715.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	115	2.20	ng	# 100
4) n-Nitrosodimethylamine	3.76	42	1285	25.34	ng	# 21
8) 2-Chlorophenol	7.55	128	905	7.30	ng	# 38
9) Benzaldehyde	7.16	77	6438	70.53	ng	# 2
10) Phenol	7.18	94	33197	214.81	ng	# 77
15) Benzyl Alcohol	8.29	79	24593	221.66	ng	# 43
65) n-Nitrosodiphenylamine	15.87	169	107	13.03	ng	# 24
67) Hexachlorobenzene	16.59	284	136	31.91	ng	# 47
70) Phenanthrene	17.39	178	11493	749.70	ng	# 92
71) Anthracene	17.47	178	3726	244.91	ng	# 57
72) Carbazole	17.76	167	3269	242.69	ng	# 60
73) Di-n-butylphthalate	18.27	149	4011	251.15	ng	# 86
74) Fluoranthene	19.39	202	21105	1060.30	ng	88
76) Benzidine	19.59	184	155	5.94	ng	# 1
77) Pyrene	19.75	202	20200	266.46	ng	# 89
79) Butylbenzylphthalate	20.63	149	343	12.22	ng	# 74
80) Benzo(a)anthracene	21.48	228	13912	178.52	ng	98
81) 3,3'-Dichlorobenzidine	21.43	252	606	19.33	ng	# 64
82) Chrysene	21.48	228	13912	188.23	ng	94
83) Bis(2-ethylhexyl)phthalate	21.37	149	8522	203.06	ng	# 95
84) Di-n-octyl phthalate	22.26	149	1731	23.04	ng	# 1
85) Indeno(1,2,3-cd)pyrene	26.29	276	11056	102.01	ng	# 100
87) Benzo(b)fluoranthene	23.15	252	17618	833.89	ng	# 39
88) Benzo(k)fluoranthene	23.23	252	1246	60.20	ng	# 1
89) Benzo(a)pyrene	23.76	252	14950	742.58	ng	# 27
90) Dibenzo(a,h)anthracene	26.34	278	763	33.89	ng	# 1
91) Benzo(g,h,i)perylene	27.03	276	3744	169.73	ng	97

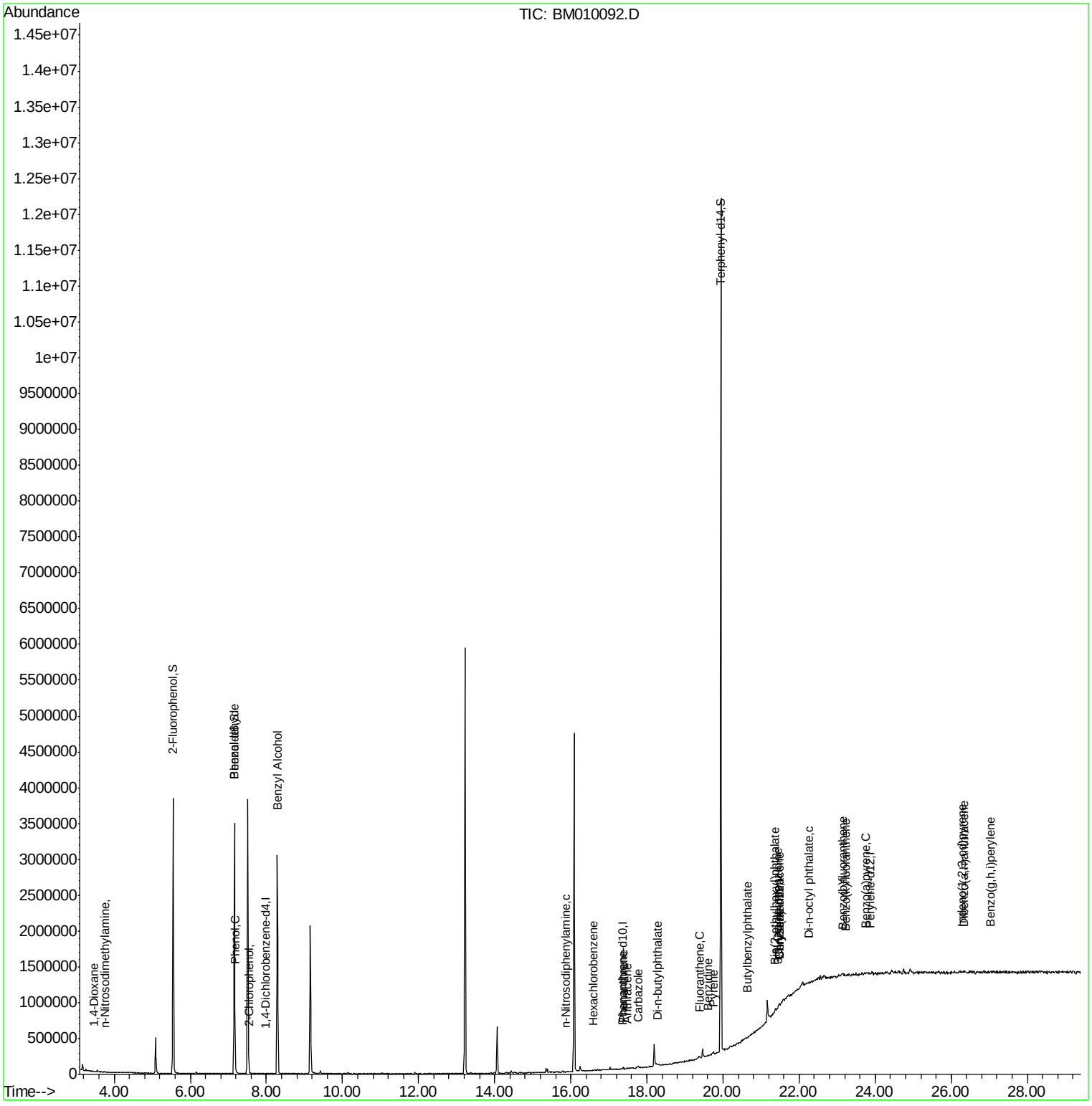
(#) = qualifier out of range (m) = manual integration (+) = signals summed

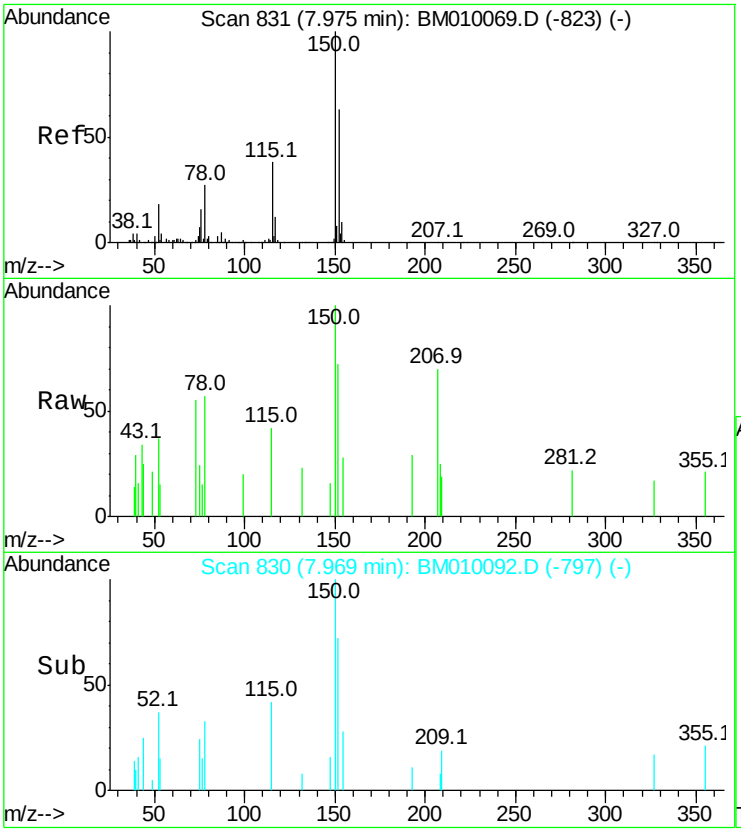
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
Data File : BM010092.D
Acq On : 20 May 2017 05:01
Operator : SJ/MA
Sample : I3177-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Quant Time: May 20 05:41:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration



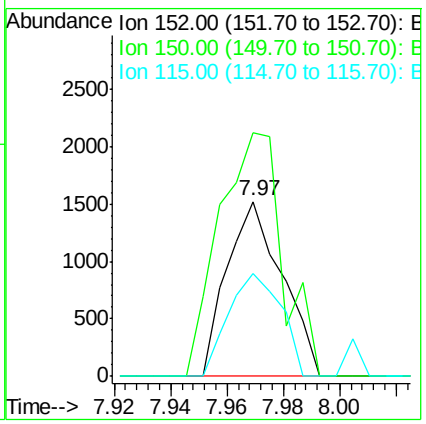


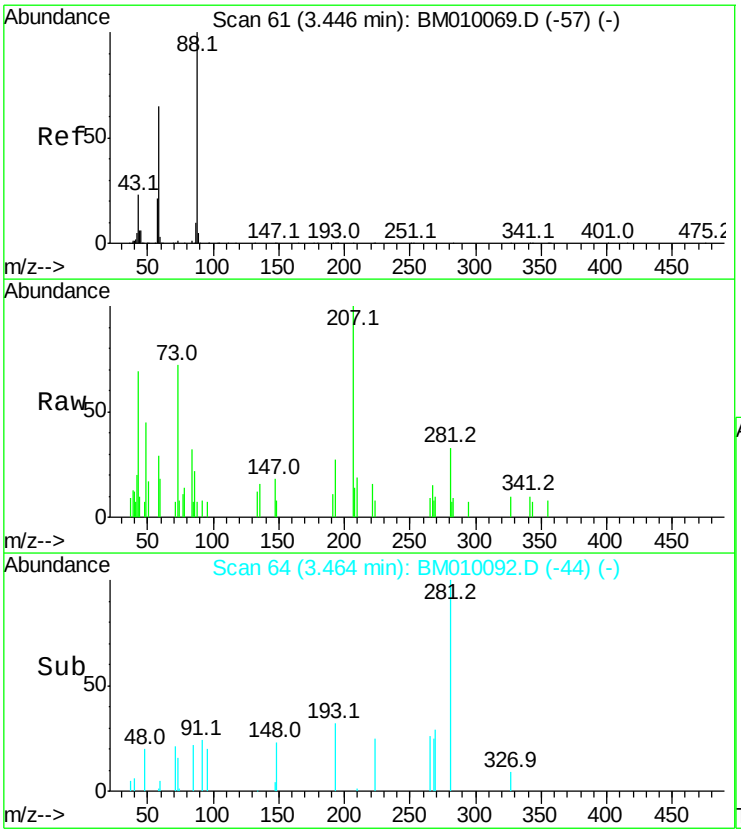
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tgt Ion:152 Resp: 2058

Ion	Ratio	Lower	Upper
152	100		
150	139.4	119.5	179.3
115	59.0	43.0	64.4

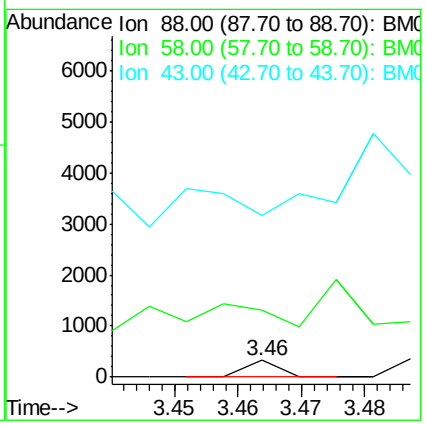


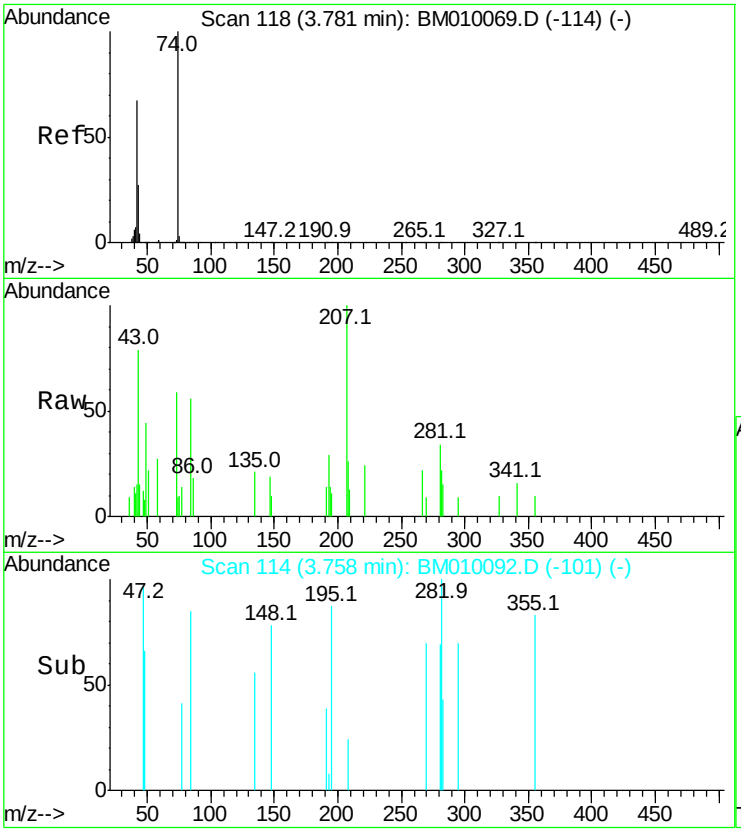


#2
1,4-Dioxane
Concen: 2.20 ng
RT: 3.46 min Scan# 64
Delta R.T. 0.02 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion: 88 Resp: 115

Ion	Ratio	Lower	Upper
88	100		
58	547.0	0.0	0.0#
43	488.7	0.0	0.0#



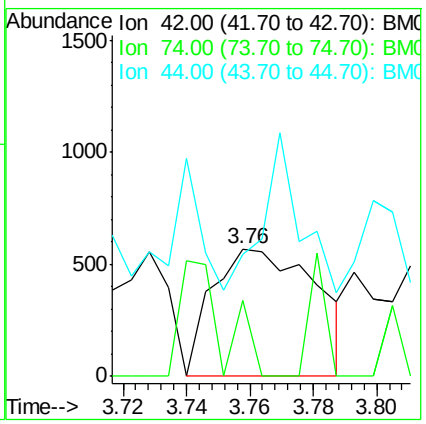


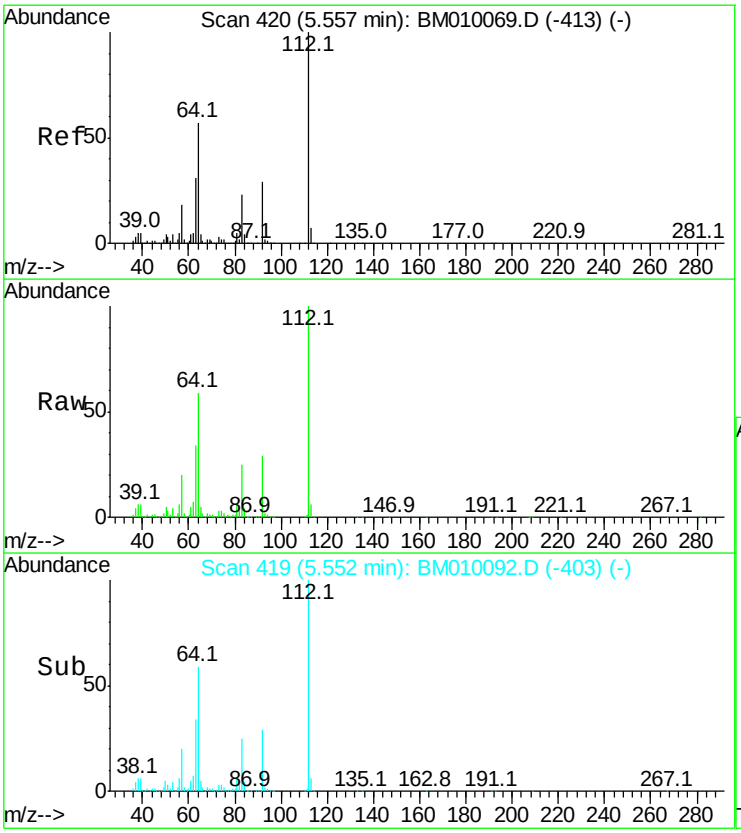
#4
n-Nitrosodimethylamine
Concen: 25.34 ng
RT: 3.76 min Scan# 114
Delta R.T. -0.02 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tgt Ion: 42 Resp: 1285

Ion	Ratio	Lower	Upper
42	100		
74	59.9	119.3	178.9#
44	95.8	5.4	8.2#

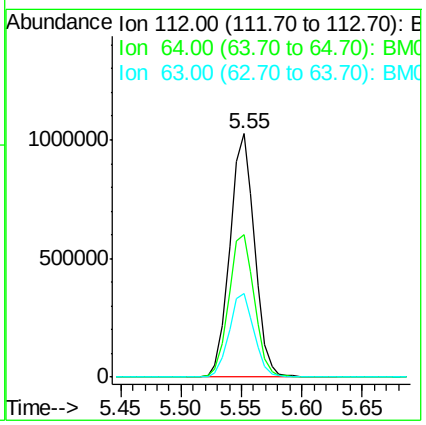


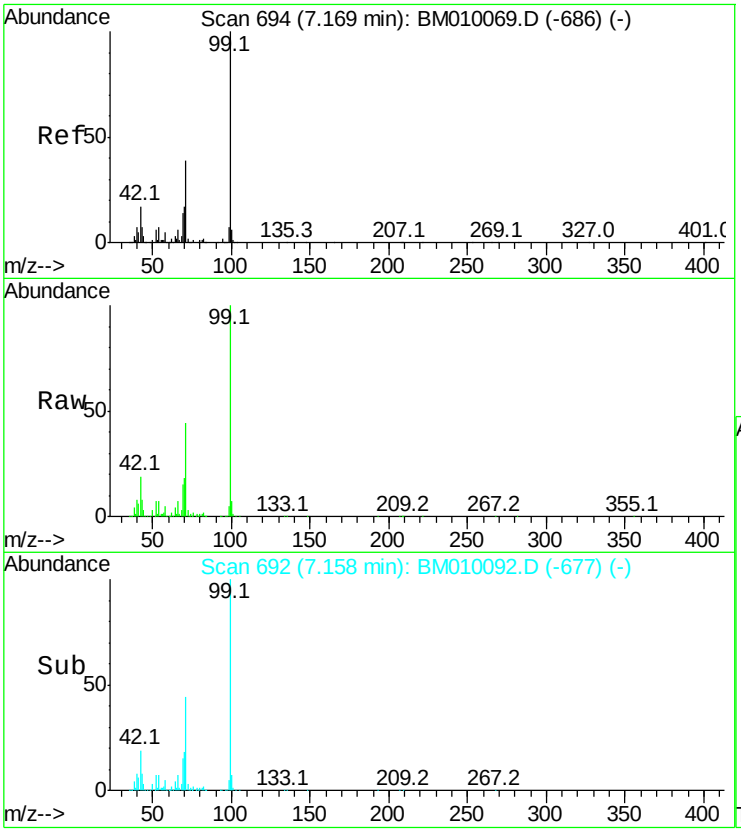


#5
2-Fluorophenol
Concen: 12858.90 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion:112 Resp: 1465441

Ion	Ratio	Lower	Upper
112	100		
64	58.6	38.6	57.8#
63	34.2	19.3	28.9#



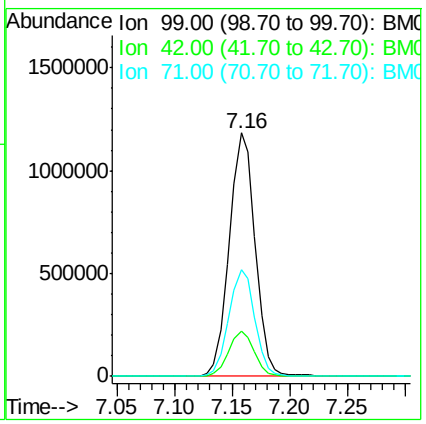


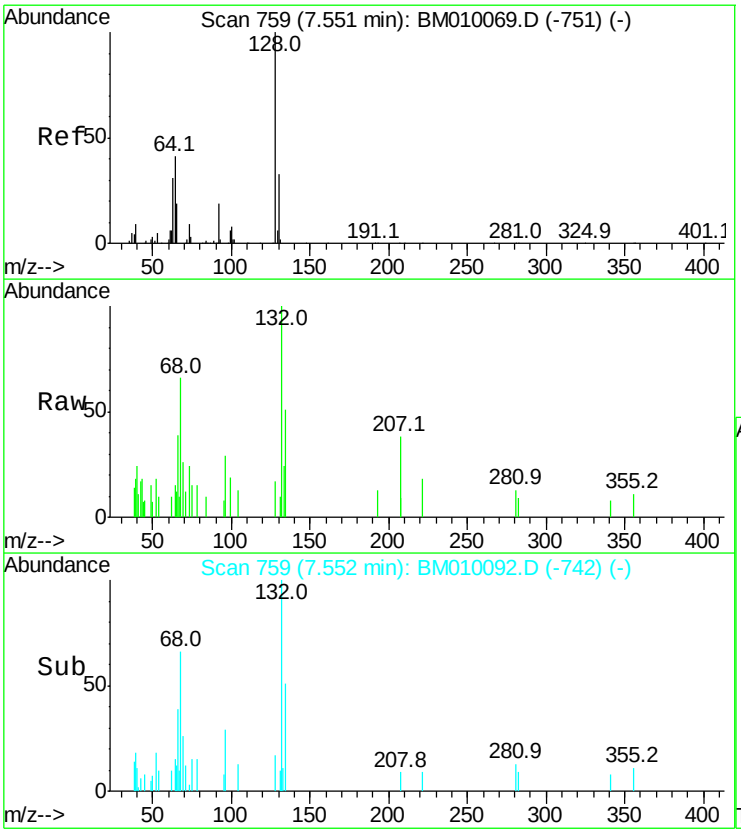
#7
Phenol-d6
Concen: 12565.46 ng
RT: 7.16 min Scan# 692
Delta R.T. -0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tgt Ion: 99 Resp: 1842641

Ion	Ratio	Lower	Upper
99	100		
42	18.7	11.0	16.4#
71	43.8	23.4	35.2#

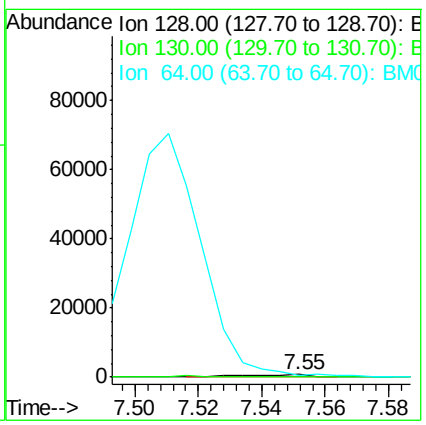


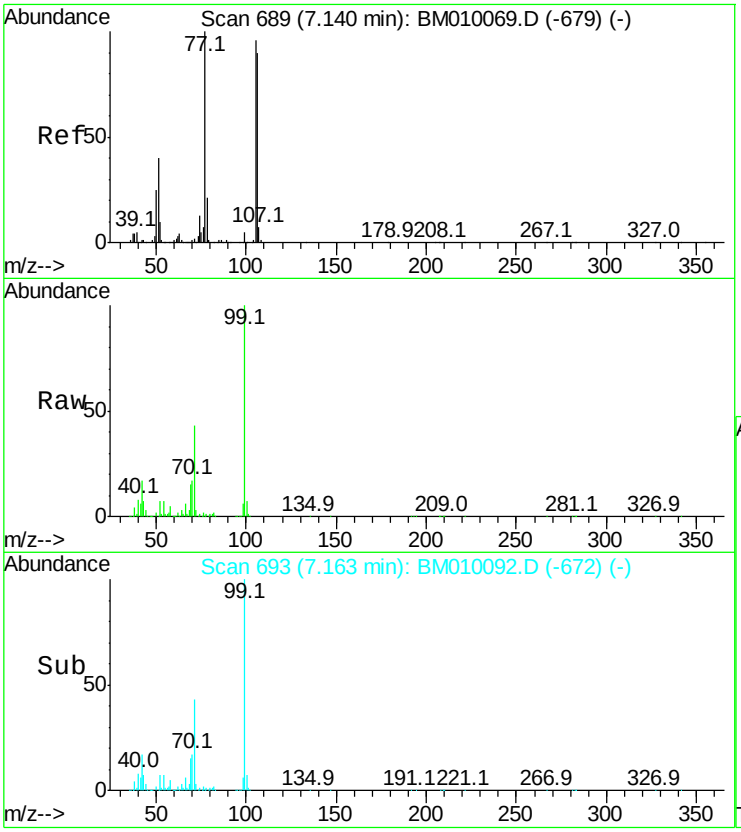


#8
2-Chlorophenol
Concen: 7.30 ng
RT: 7.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion:128 Resp: 905

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.0	52.0#
64	88.1	24.9	64.9#



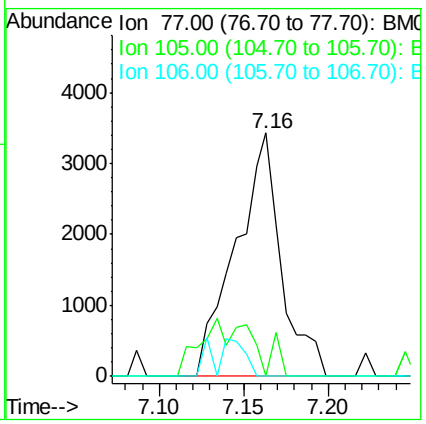


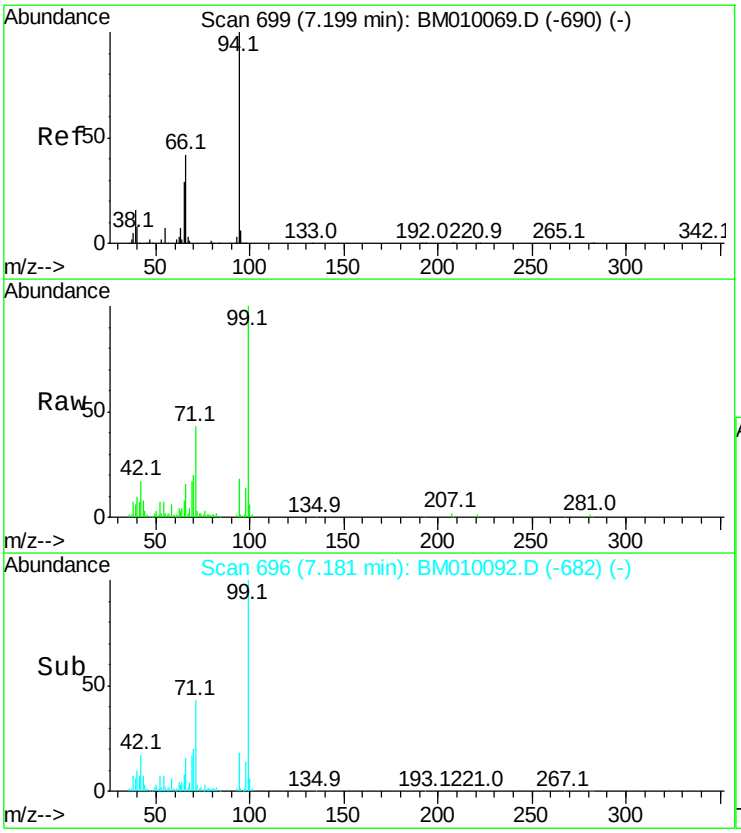
#9
Benzaldehyde
Concen: 70.53 ng
RT: 7.16 min Scan# 693
Delta R.T. 0.02 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tgt Ion: 77 Resp: 6438

Ion	Ratio	Lower	Upper
77	100		
105	0.0	78.8	118.8#
106	0.0	73.7	113.7#

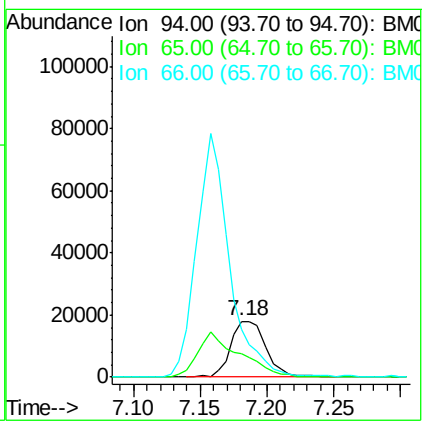


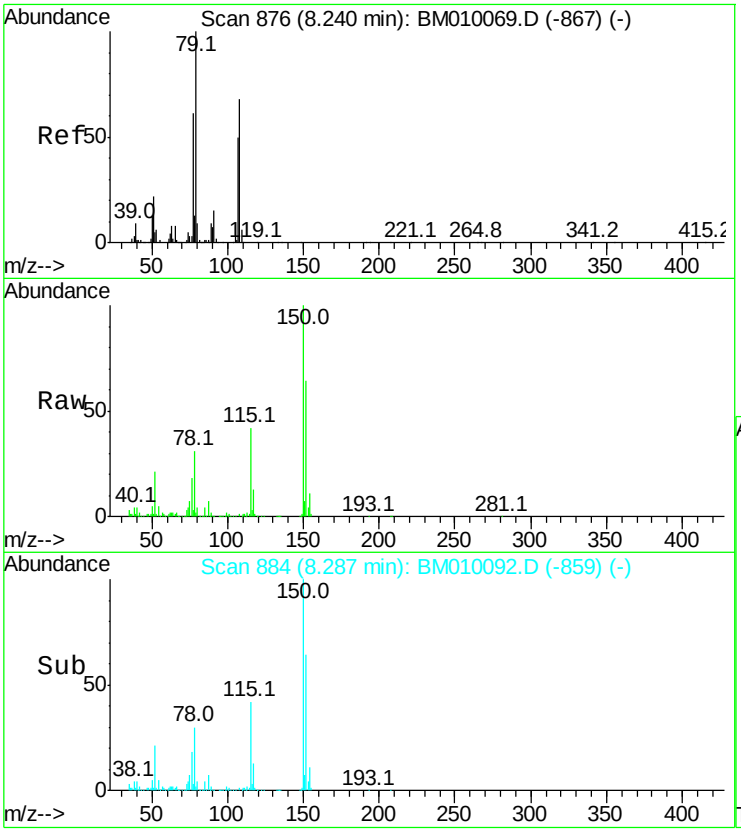


#10
Phenol
Concen: 214.81 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.02 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion: 94 Resp: 33197

Ion	Ratio	Lower	Upper
94	100		
65	41.7	18.8	58.8
66	86.4	39.9	79.9#



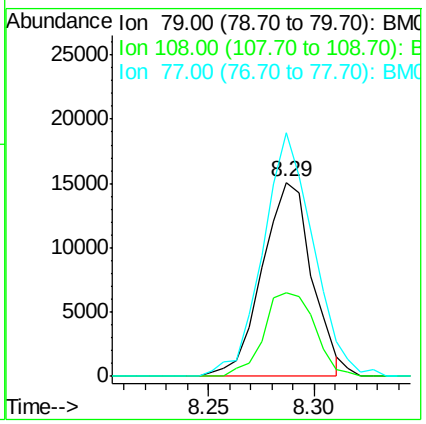


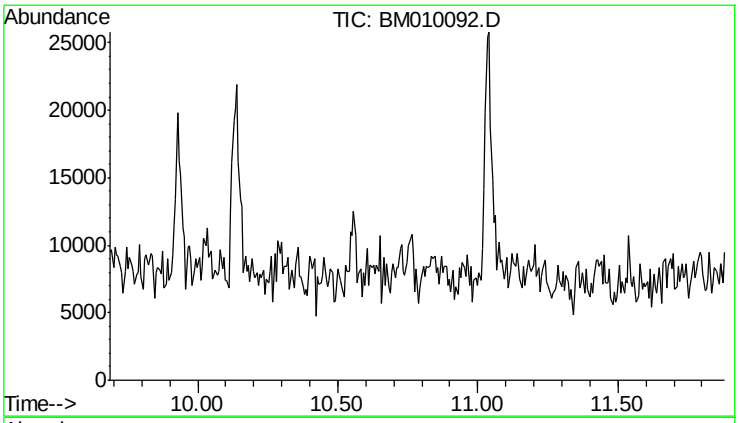
#15
Benzyl Alcohol
Concen: 221.66 ng
RT: 8.29 min Scan# 884
Delta R.T. 0.05 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tgt Ion: 79 Resp: 24593

Ion	Ratio	Lower	Upper
79	100		
108	43.5	65.0	97.4#
77	125.7	53.0	79.6#



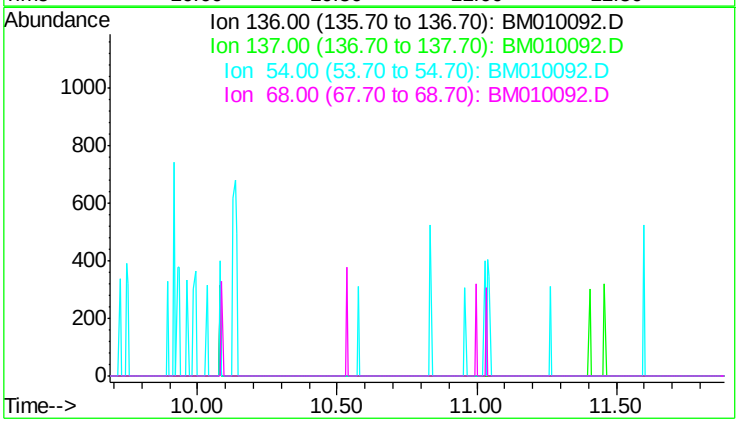


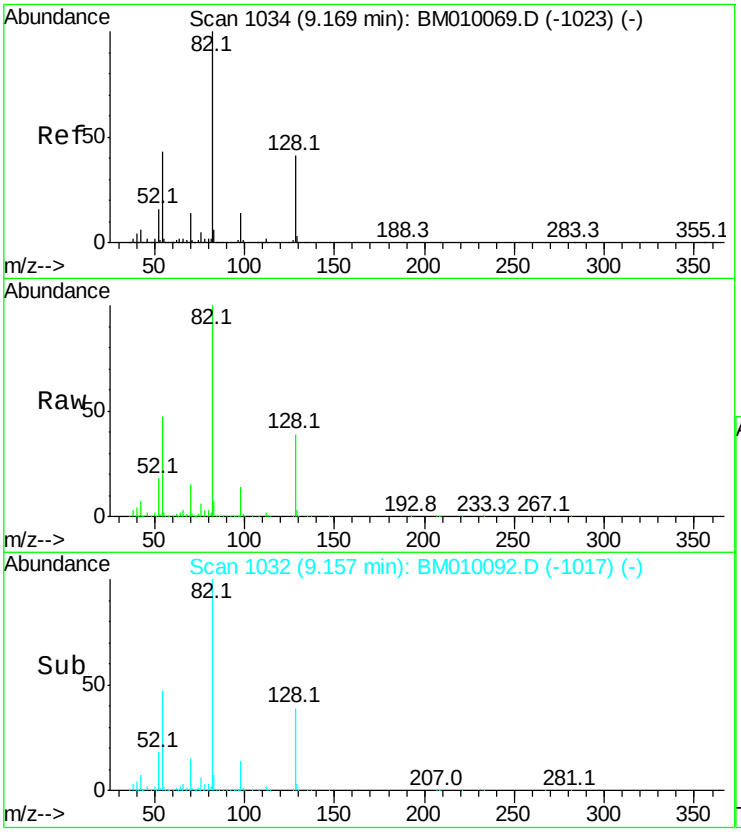
#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 10.79 min

Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	10.9
54	5.7
68	4.6



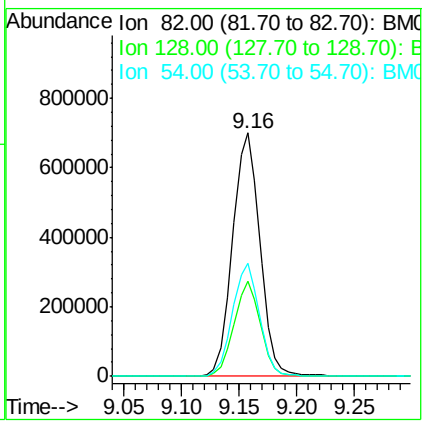


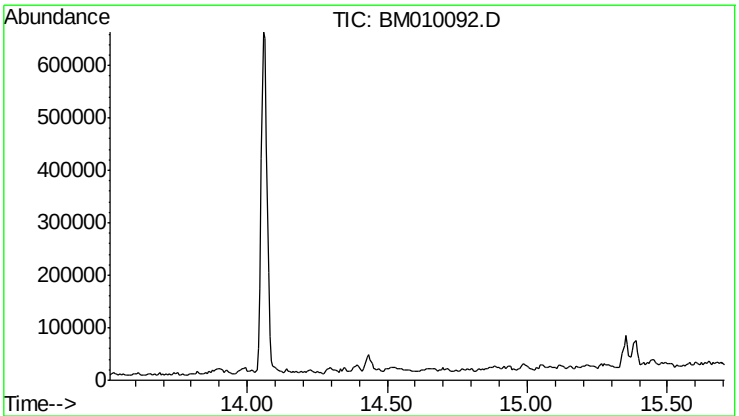
#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 9.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tgt Ion: 82 Resp: 1151931

Ion	Ratio	Lower	Upper
82	100		
128	38.9	32.8	49.2
54	46.5	40.6	60.8



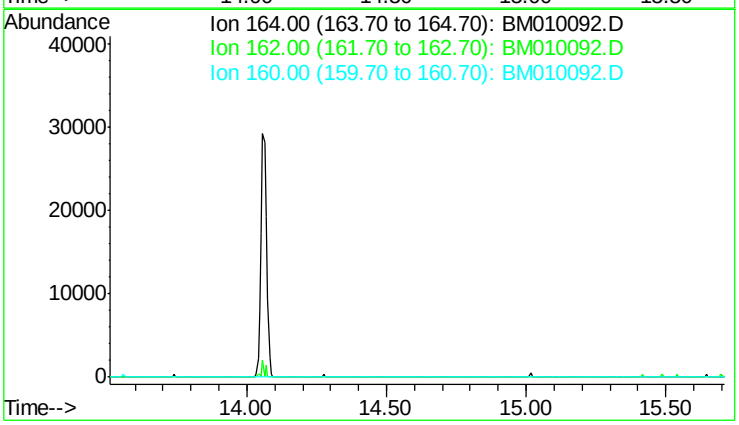


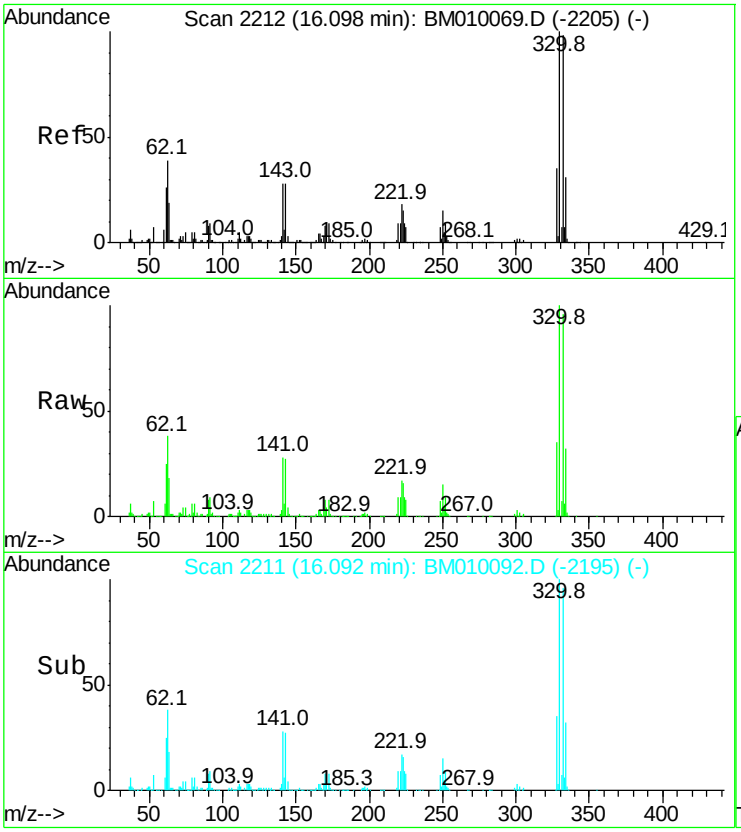
#38
Acenaphthene-d10
Concen: 0.00 ng
Expected RT: 14.61 min

Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	103.0
160	44.7



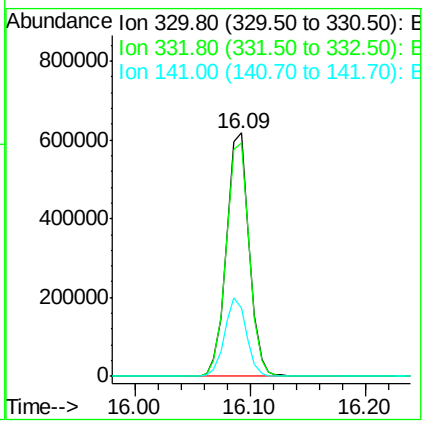


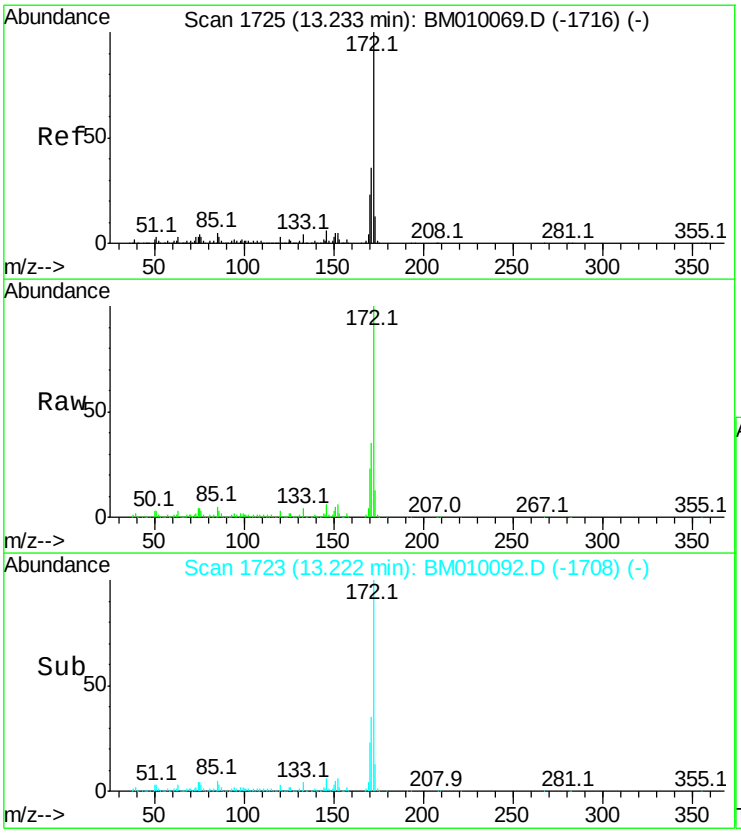
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
RT: 16.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tgt Ion:330 Resp: 841100

Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	31.3	0.0	0.0#

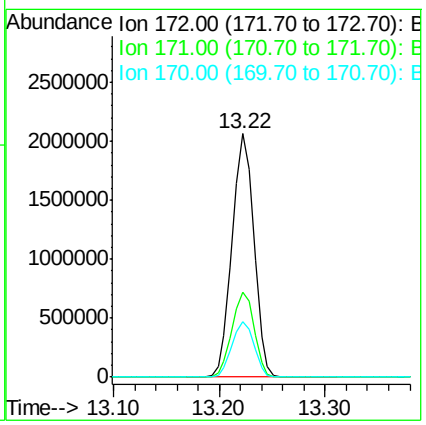


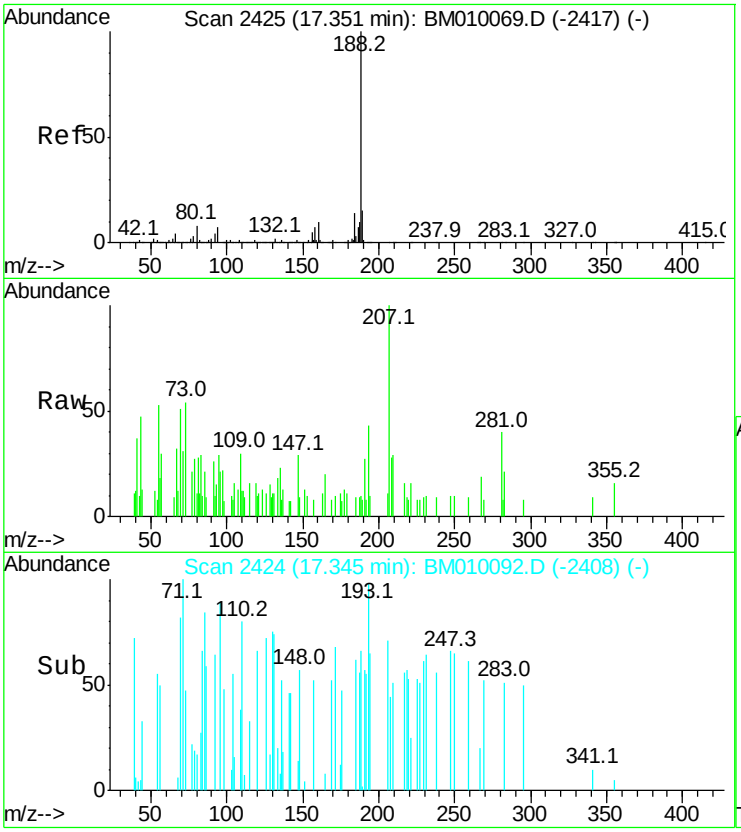


#44
2-Fluorobiphenyl
Concen: 0.00 ng
RT: 13.22 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion:172 Resp: 2937224

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	22.9	18.8	28.2



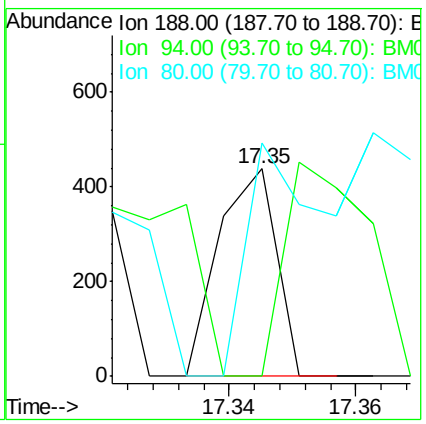


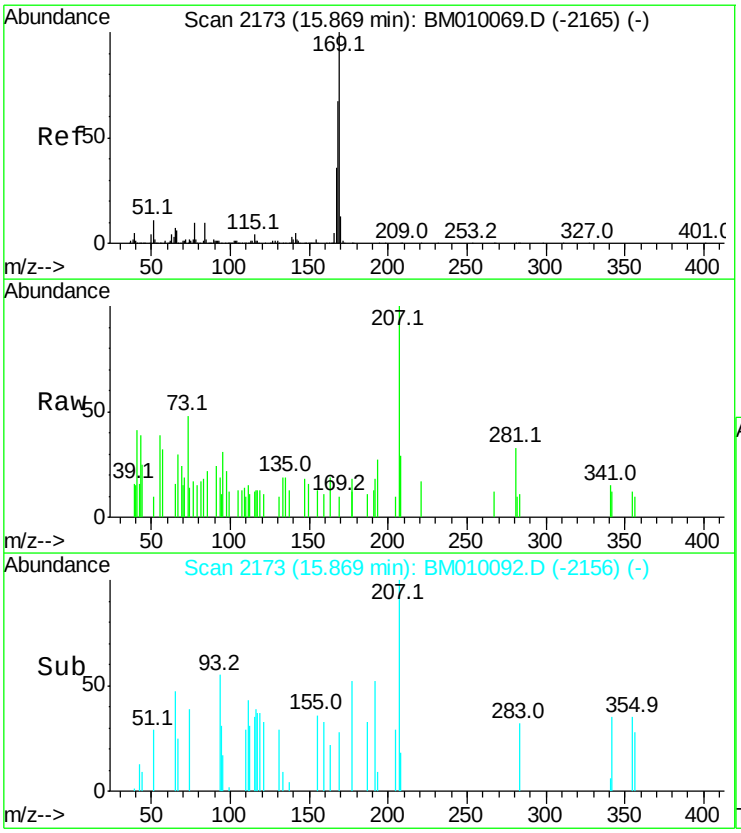
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.35 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tgt Ion:188 Resp: 274

Ion	Ratio	Lower	Upper
188	100		
94	0.0	8.7	13.1#
80	112.8	9.3	13.9#

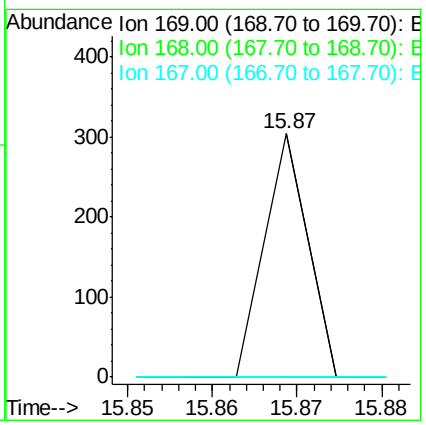


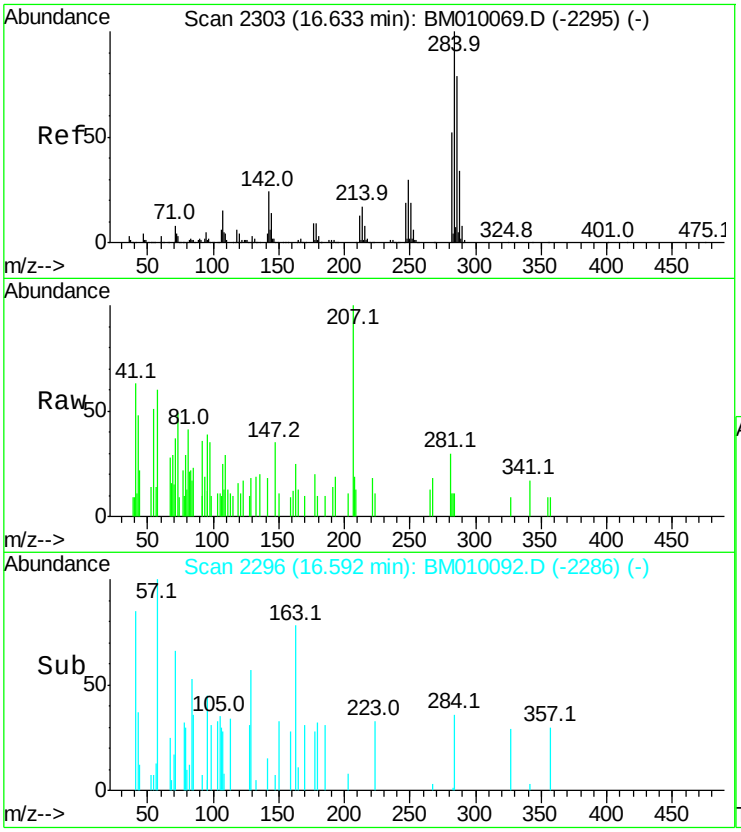


#65
n-Nitrosodiphenylamine
Concen: 13.03 ng
RT: 15.87 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion:169 Resp: 107

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.9	80.9#
167	0.0	28.9	43.3#



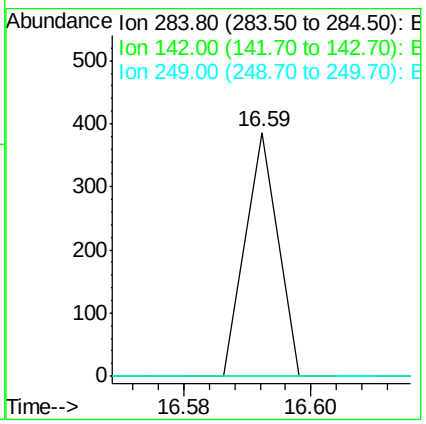


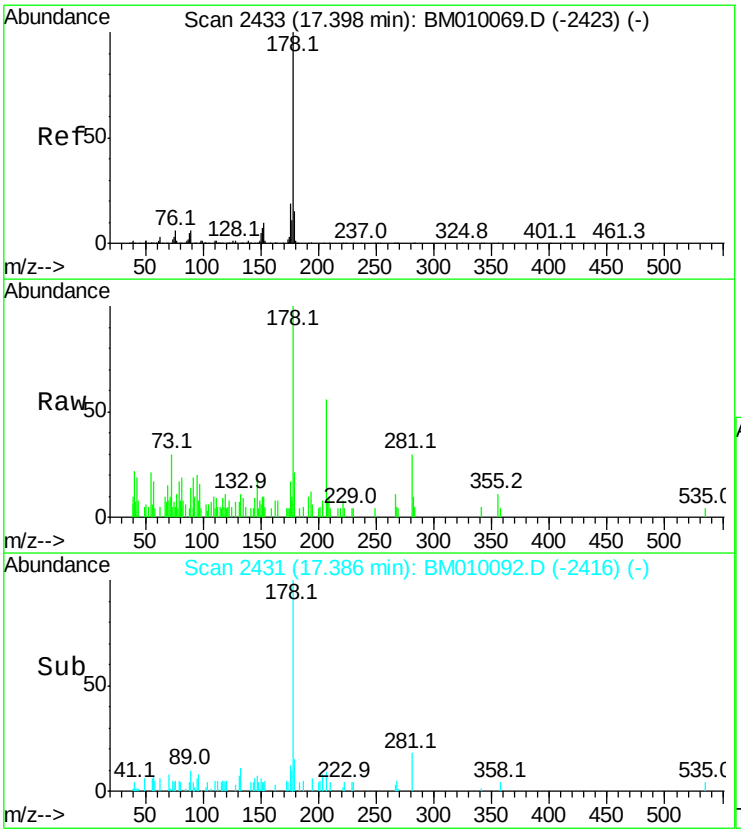
#67
Hexachlorobenzene
Concen: 31.91 ng
RT: 16.59 min Scan# 2296
Delta R.T. -0.04 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tgt Ion:284 Resp: 136

Ion	Ratio	Lower	Upper
284	100		
142	0.0	20.4	30.6#
249	0.0	23.8	35.6#

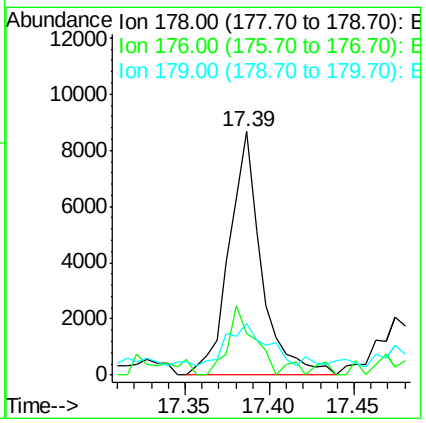


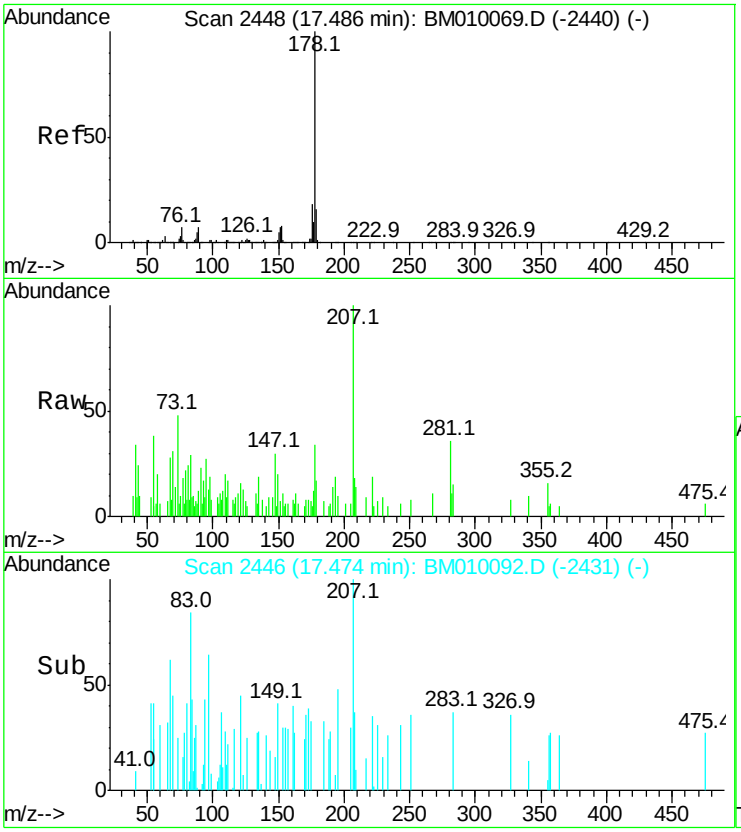


#70
Phenanthrene
Concen: 749.70 ng
RT: 17.39 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion:178 Resp: 11493

Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.2	22.8
179	21.0	12.1	18.1#



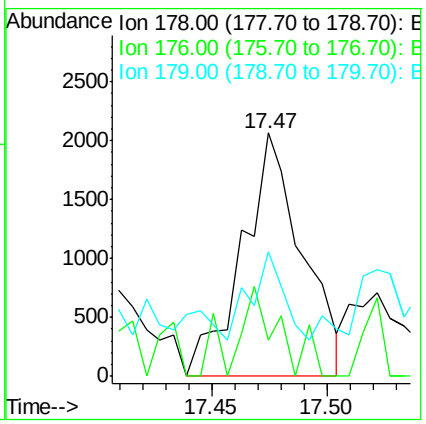


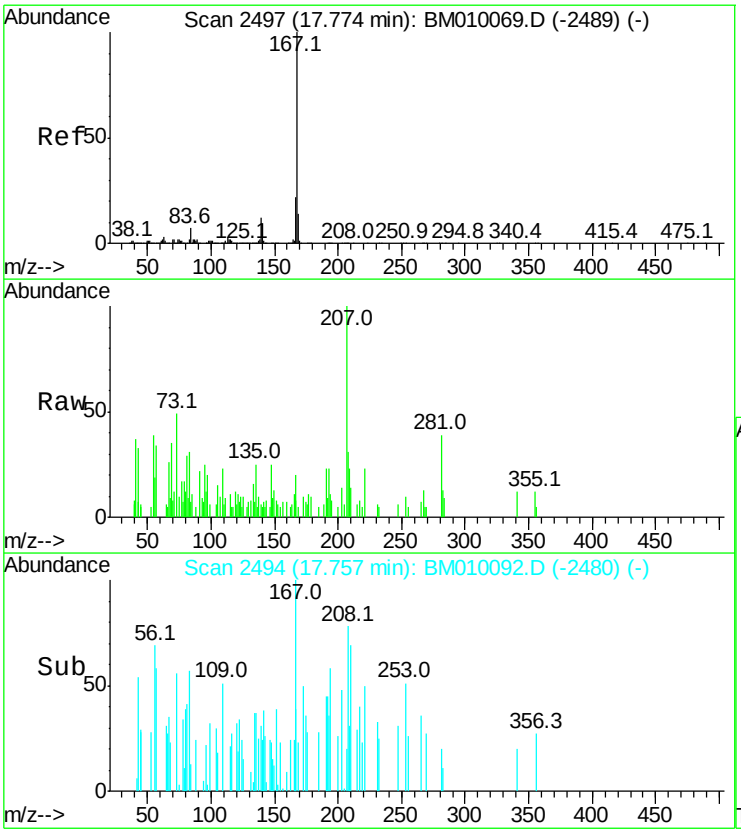
#71
Anthracene
Concen: 244.91 ng
RT: 17.47 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tgt Ion:178 Resp: 3726

Ion	Ratio	Lower	Upper
178	100		
176	15.0	14.6	22.0
179	51.1	12.6	19.0#

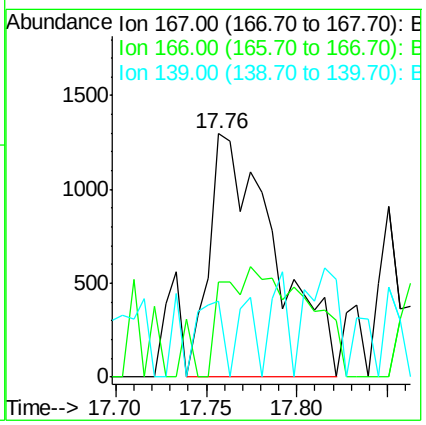


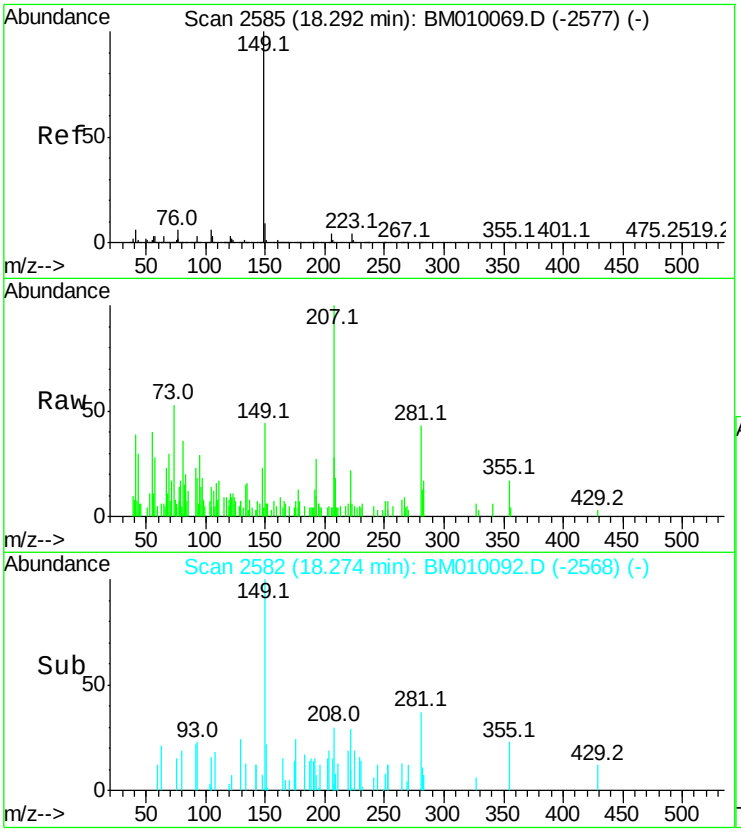


#72
Carbazole
Concen: 242.69 ng
RT: 17.76 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion:167 Resp: 3269

Ion	Ratio	Lower	Upper
167	100		
166	38.9	17.2	25.8#
139	31.1	10.8	16.2#



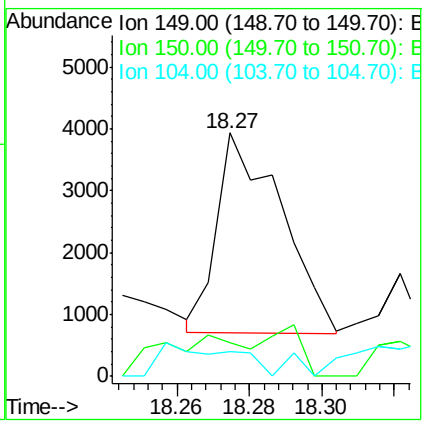


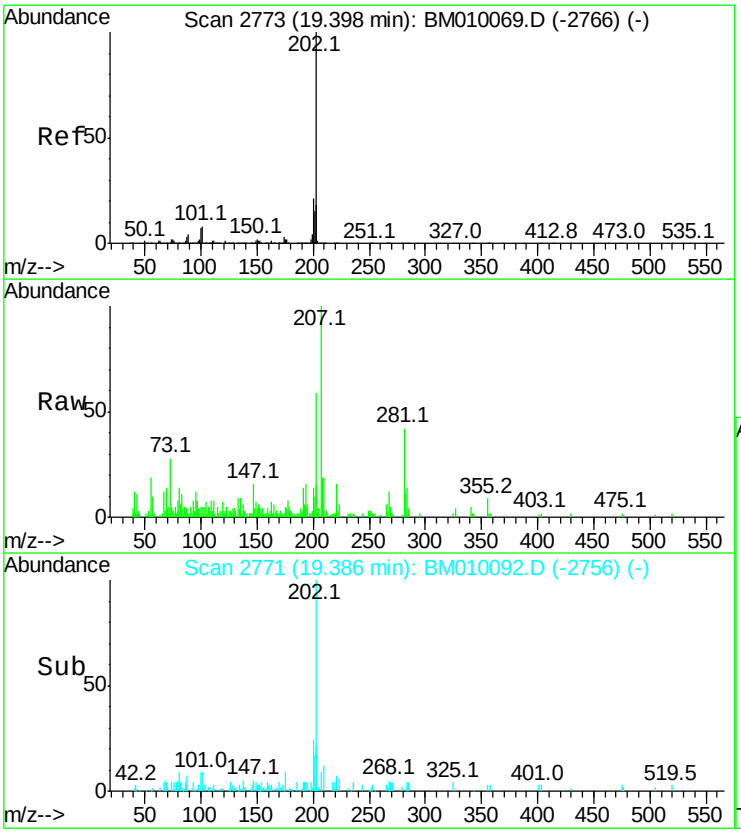
#73
Di-n-butylphthalate
Concen: 251.15 ng
RT: 18.27 min Scan# 2582
Delta R.T. -0.02 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tgt Ion:149 Resp: 4011

Ion	Ratio	Lower	Upper
149	100		
150	14.1	7.5	11.3#
104	10.2	3.7	5.5#

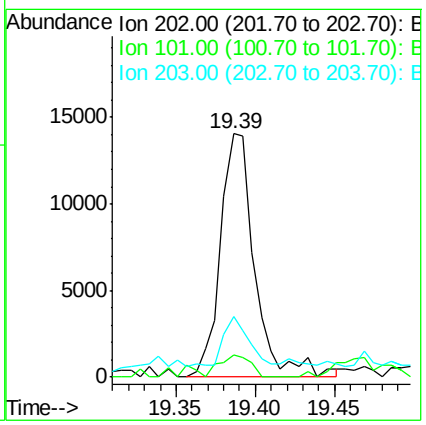


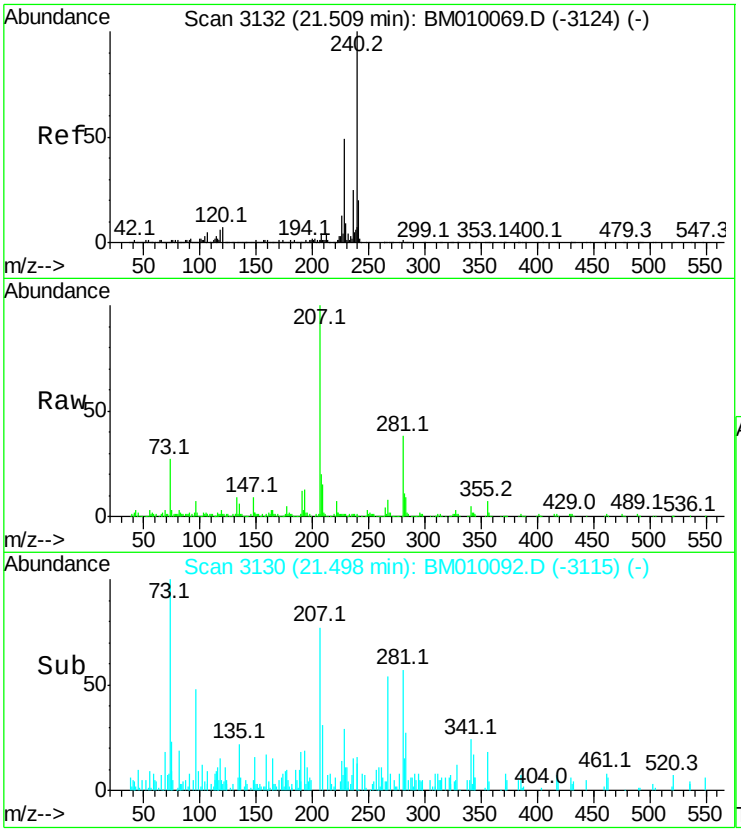


#74
Fluoranthene
Concen: 1060.30 ng
RT: 19.39 min Scan# 2771
Delta R.T. -0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion:202 Resp: 21105

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	28.7
203	25.1	0.0	37.2



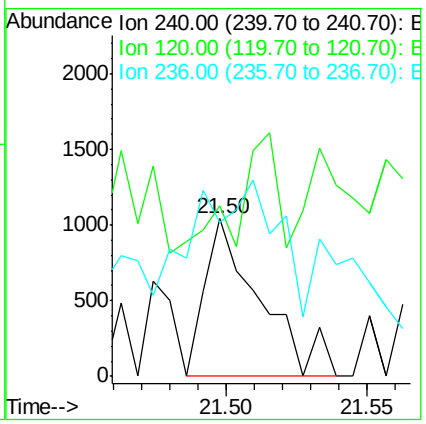


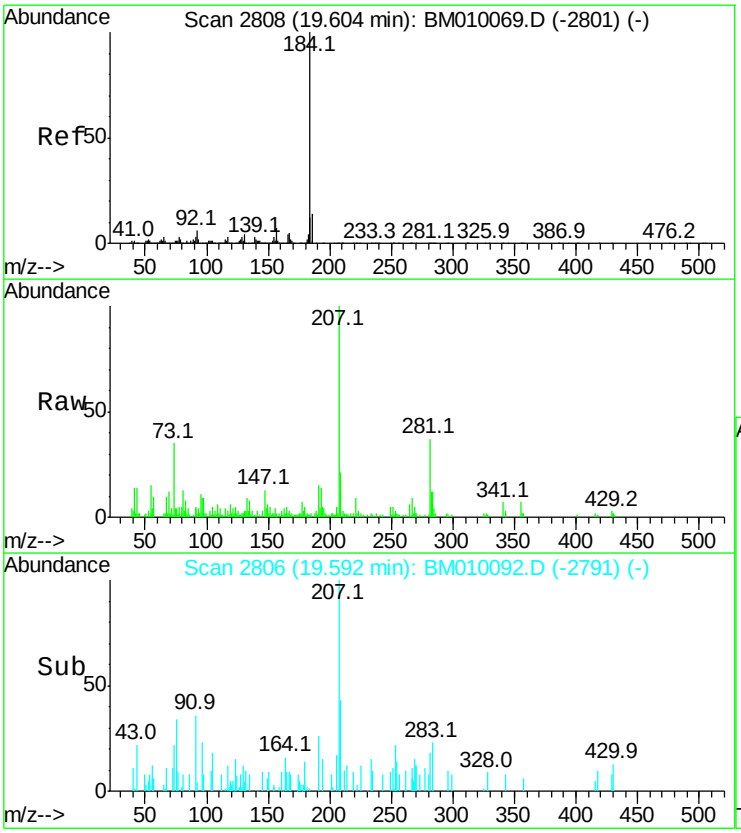
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.50 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tgt Ion:240 Resp: 1414

Ion	Ratio	Lower	Upper
240	100		
120	107.9	8.2	12.2#
236	97.8	20.0	30.0#

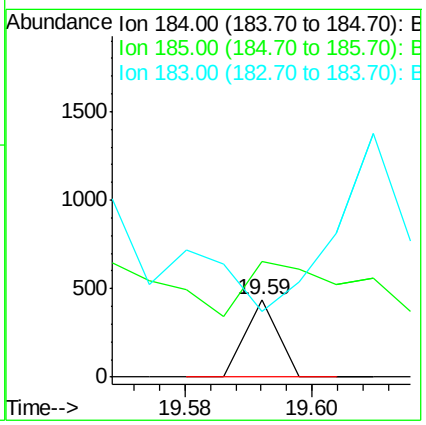


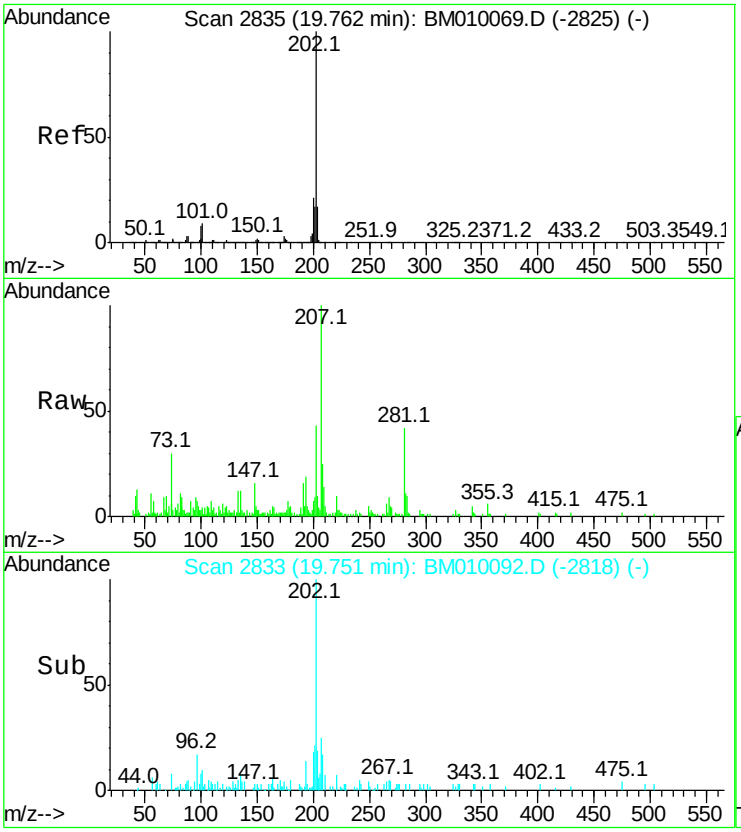


#76
Benzidine
Concen: 5.94 ng
RT: 19.59 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion:184 Resp: 155

Ion	Ratio	Lower	Upper
184	100		
185	148.9	11.3	16.9#
183	85.4	8.9	13.3#



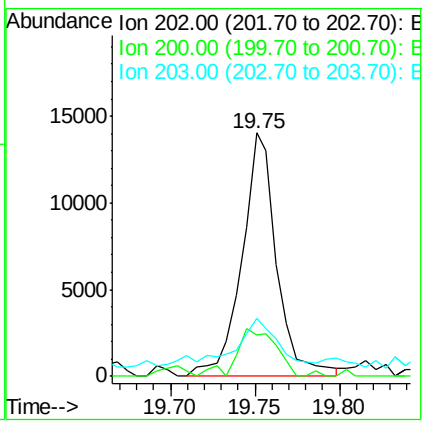


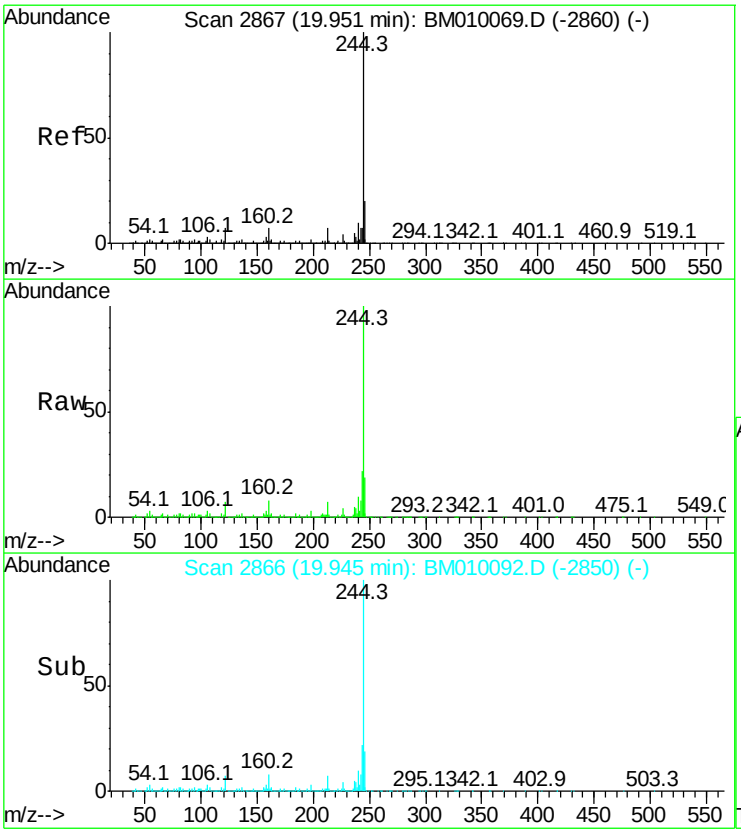
#77
Pyrene
Concen: 266.46 ng
RT: 19.75 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tgt Ion:202 Resp: 20200

Ion	Ratio	Lower	Upper
202	100		
200	16.8	16.9	25.3#
203	23.8	14.1	21.1#

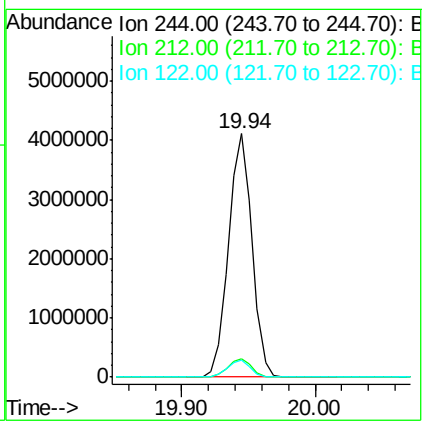


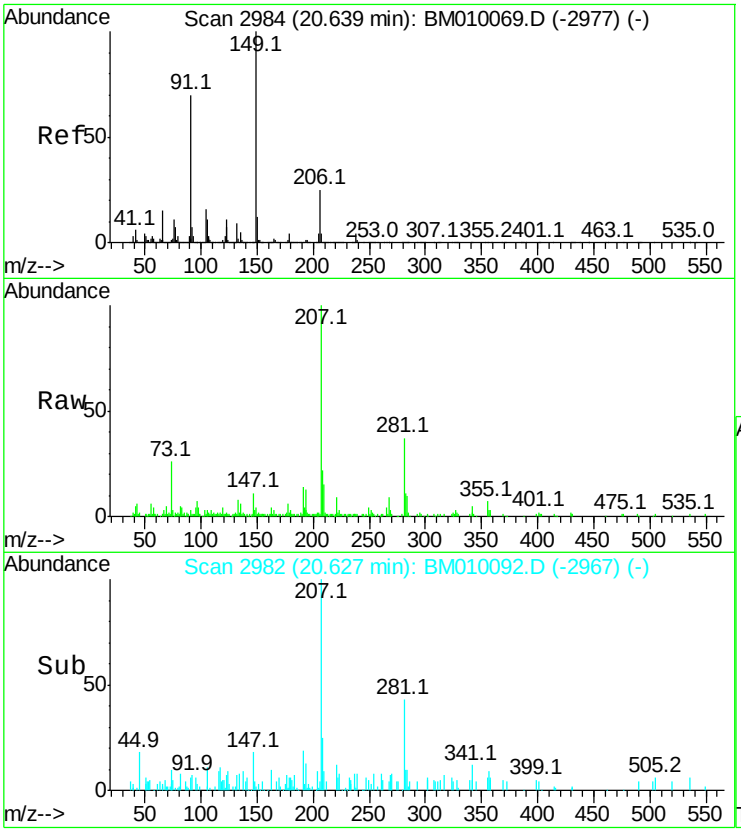


#78
Terphenyl-d14
Concen: 81715.57 ng
RT: 19.94 min Scan# 2866
Delta R.T. -0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion:244 Resp: 5081606

Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.9	7.3
122	6.9	6.2	9.4



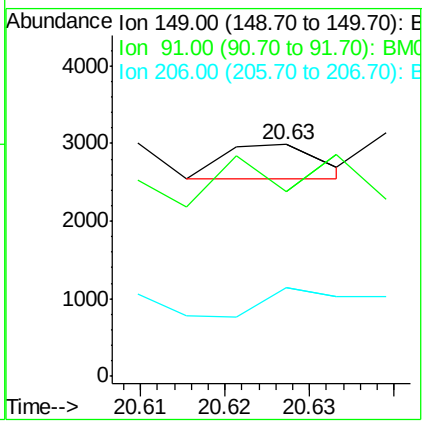


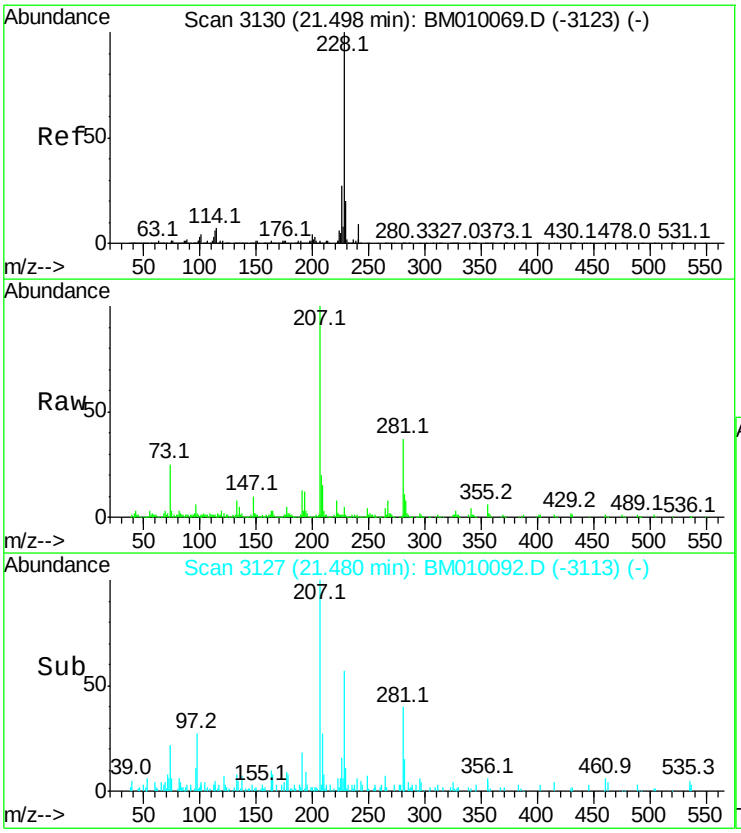
#79
Butylbenzylphthalate
Concen: 12.22 ng
RT: 20.63 min Scan# 2982
Delta R.T. -0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tgt Ion:149 Resp: 343

Ion	Ratio	Lower	Upper
149	100		
91	79.7	50.1	75.1#
206	38.3	16.2	24.2#

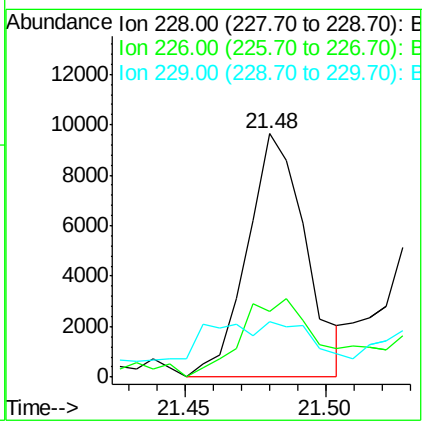


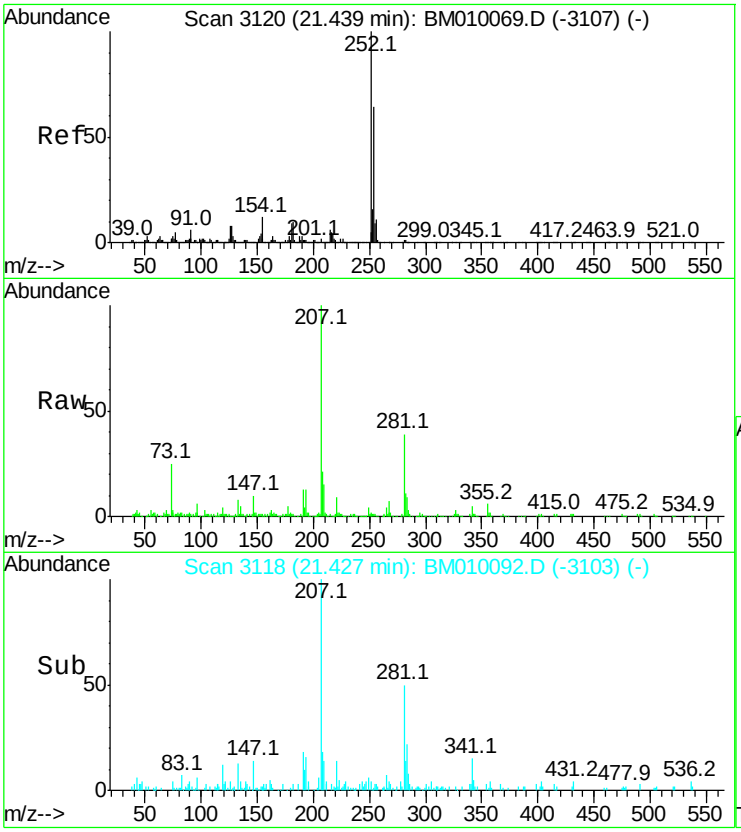


#80
Benzo(a)anthracene
Concen: 178.52 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion:228 Resp: 13912

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	22.5	16.0	24.0



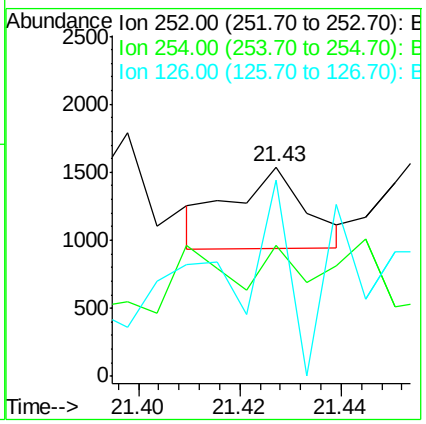


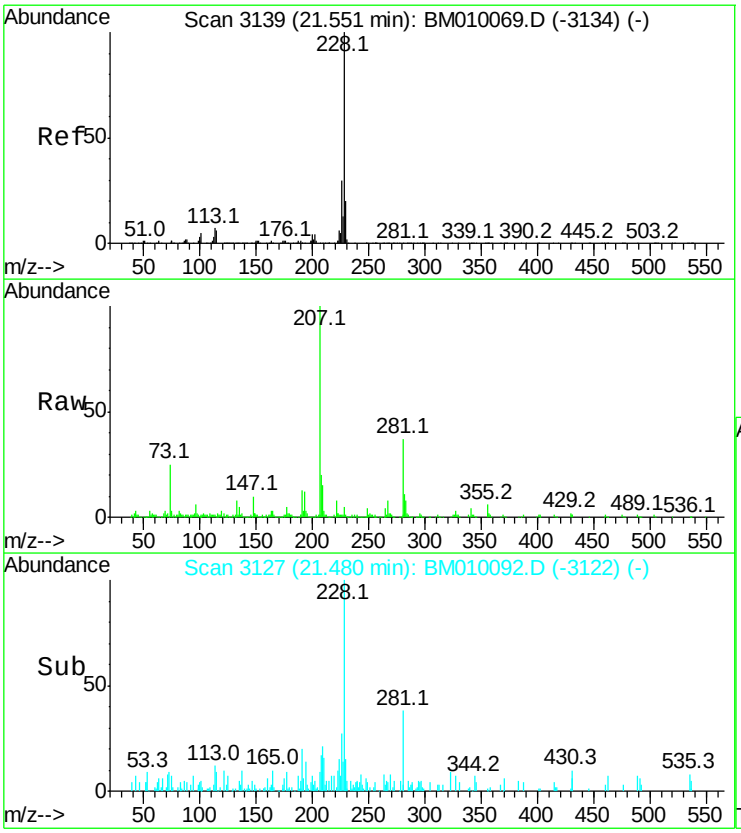
#81
3,3'-Dichlorobenzidine
Concen: 19.33 ng
RT: 21.43 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tgt Ion:252 Resp: 606

Ion	Ratio	Lower	Upper
252	100		
254	62.5	51.9	77.9
126	93.7	9.8	14.8#

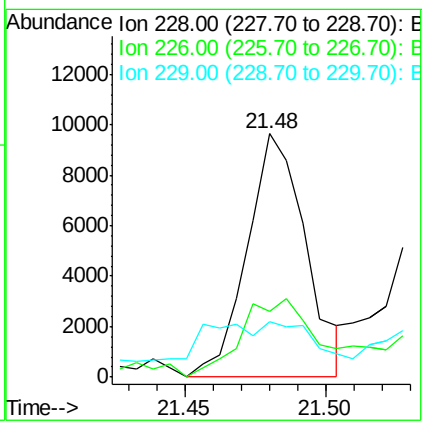


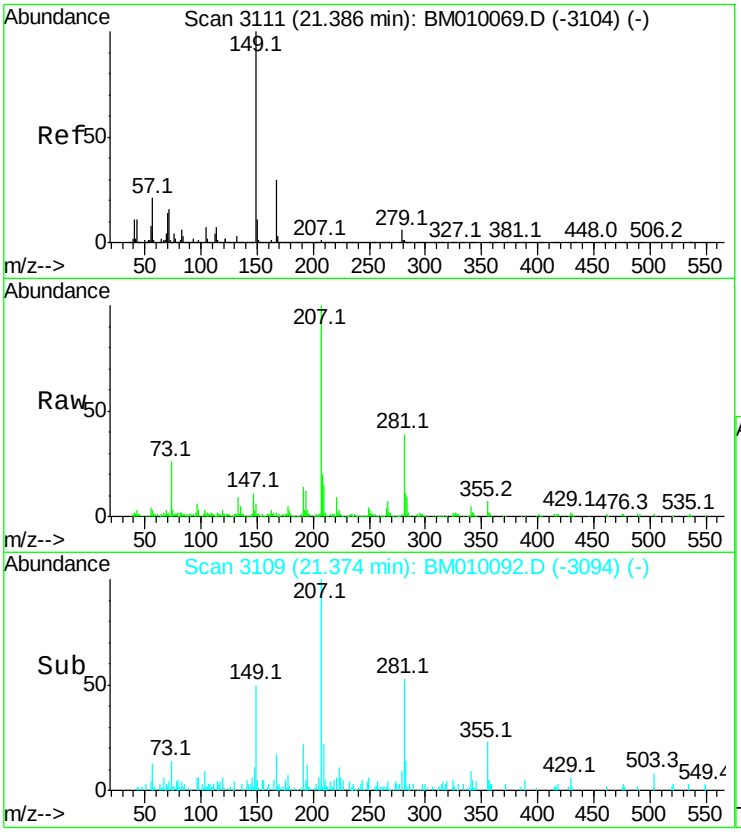


#82
Chrysene
Concen: 188.23 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.07 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion:228 Resp: 13912

Ion	Ratio	Lower	Upper
228	100		
226	27.1	24.1	36.1
229	22.5	15.5	23.3



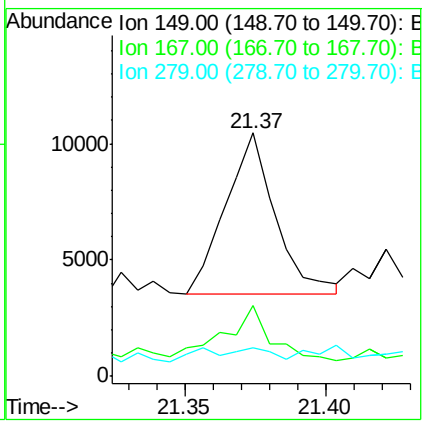


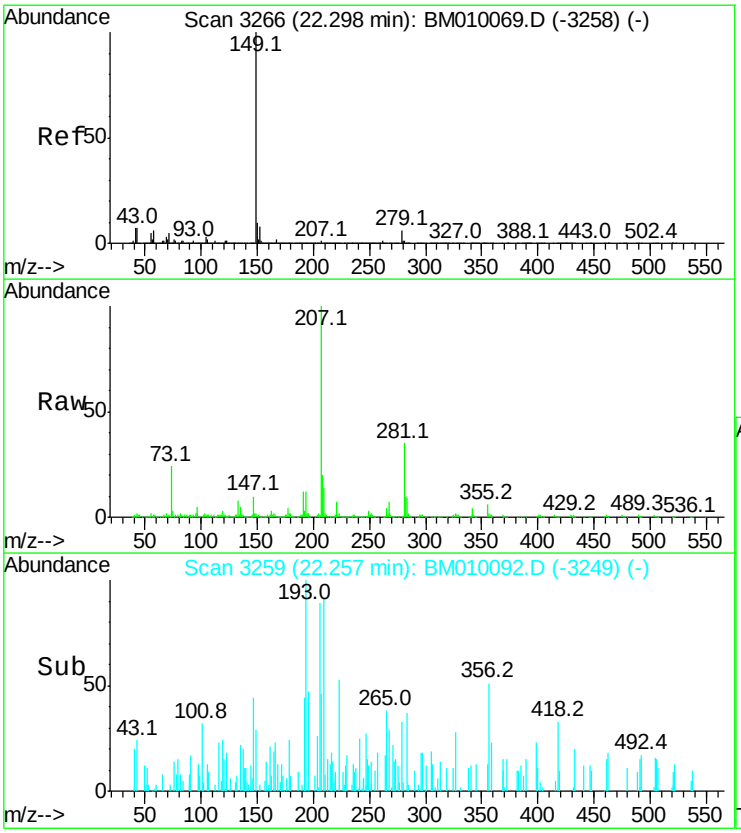
#83
Bis(2-ethylhexyl)phthalate
Concen: 203.06 ng
RT: 21.37 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tgt Ion:149 Resp: 8522

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.4	33.6
279	11.8	3.4	5.0#

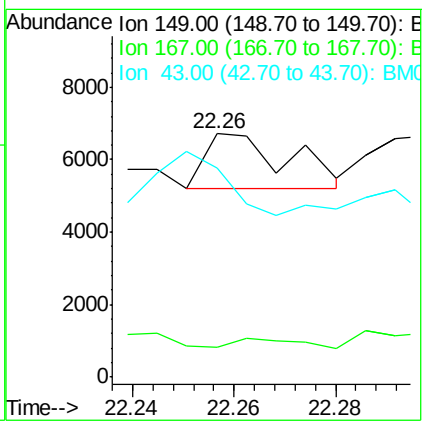


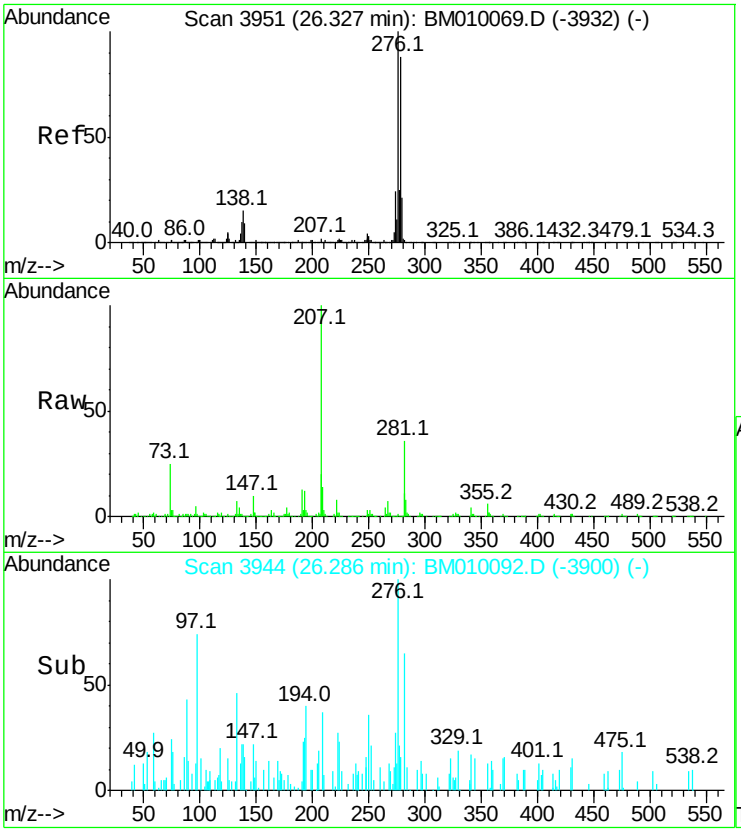


#84
Di-n-octyl phthalate
Concen: 23.04 ng
RT: 22.26 min Scan# 3259
Delta R.T. -0.04 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion:149 Resp: 1731

Ion	Ratio	Lower	Upper
149	100		
167	20.2	1.2	1.8#
43	93.7	7.3	10.9#



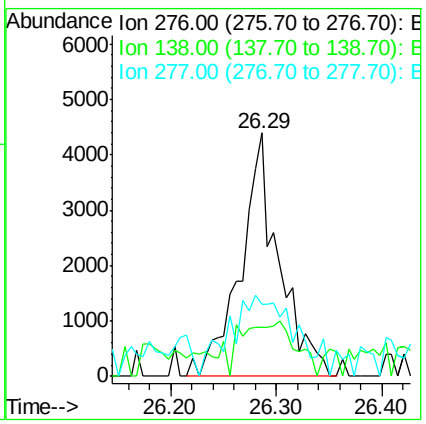


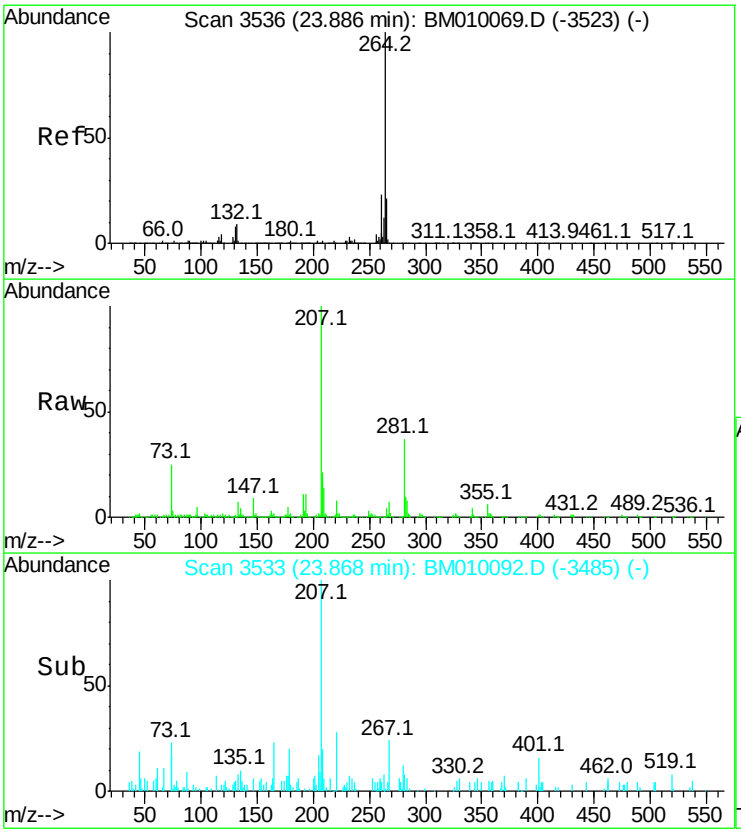
#85
Indeno(1,2,3-cd)pyrene
Concen: 102.01 ng
RT: 26.29 min Scan# 3944
Delta R.T. -0.04 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tgt Ion:276 Resp: 11056

Ion	Ratio	Lower	Upper
276	100		
138	0.0	0.0	0.0
277	54.0	0.0	0.0#

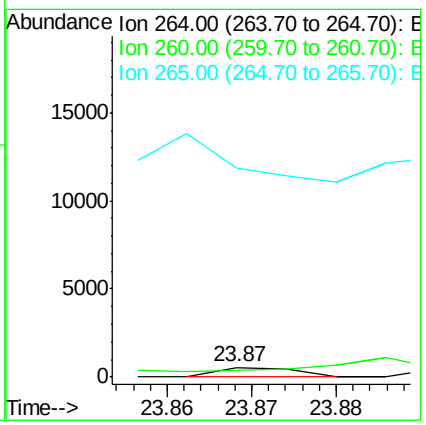


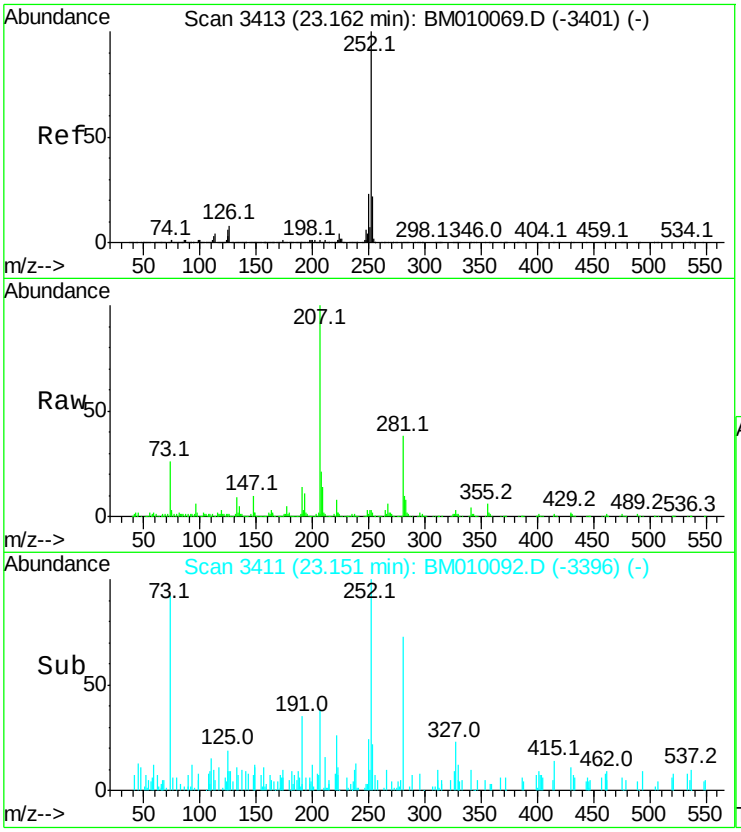


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.87 min Scan# 3533
Delta R.T. -0.02 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion:264 Resp: 361

Ion	Ratio	Lower	Upper
264	100		
260	67.2	18.6	27.8#
265	2109.4	17.3	25.9#



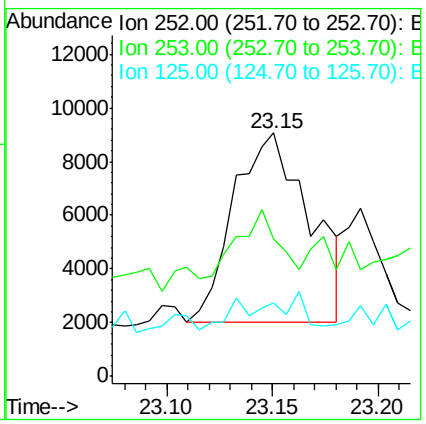


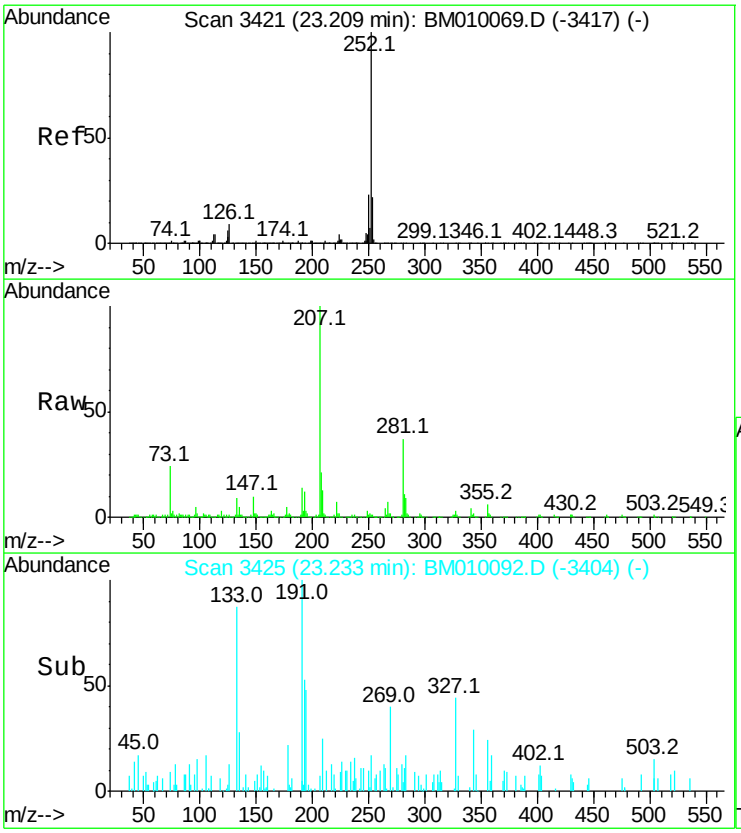
#87
Benzo(b)fluoranthene
Concen: 833.89 ng
RT: 23.15 min Scan# 3411
Delta R.T. -0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tgt Ion:252 Resp: 17618

Ion	Ratio	Lower	Upper
252	100		
253	56.3	18.0	27.0#
125	29.9	9.9	14.9#

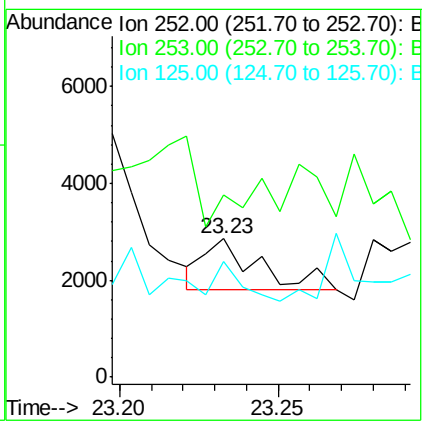


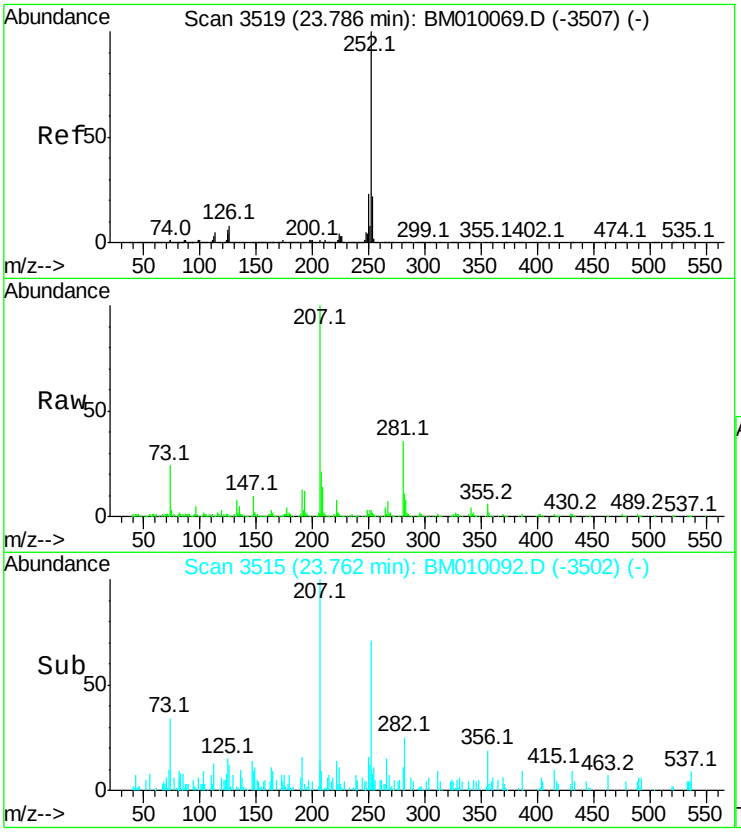


#88
Benzo(k)fluoranthene
Concen: 60.20 ng
RT: 23.23 min Scan# 3425
Delta R.T. 0.02 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion:252 Resp: 1246

Ion	Ratio	Lower	Upper
252	100		
253	131.8	17.2	25.8#
125	83.7	8.1	12.1#



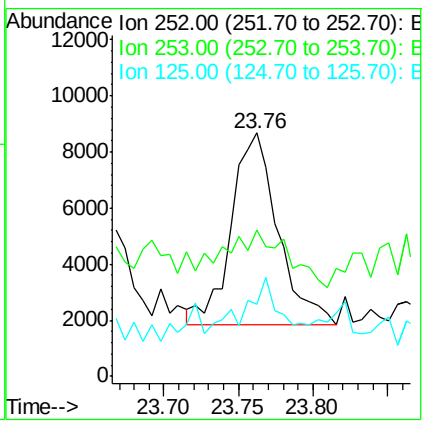


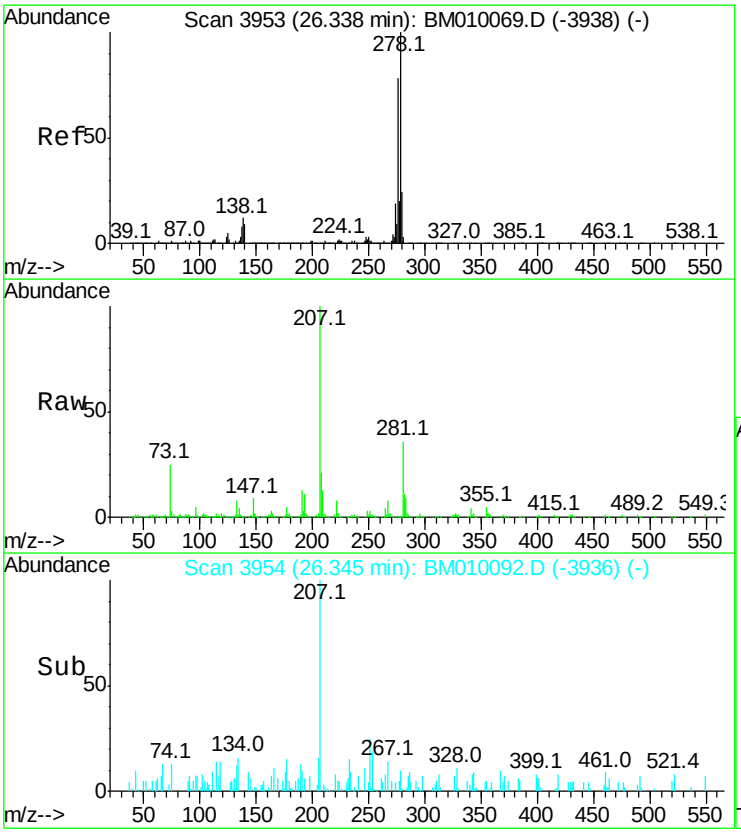
#89
Benzo(a)pyrene
Concen: 742.58 ng
RT: 23.76 min Scan# 3515
Delta R.T. -0.02 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tgt Ion:252 Resp: 14950

Ion	Ratio	Lower	Upper
252	100		
253	60.1	17.6	26.4#
125	29.4	7.4	11.2#

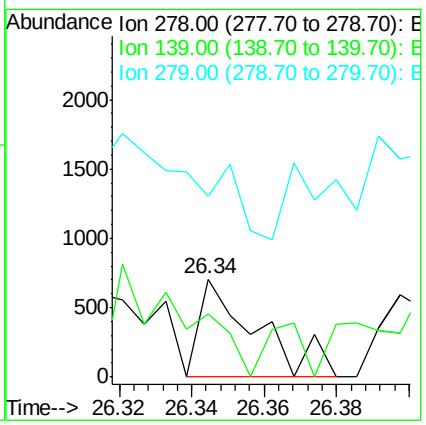


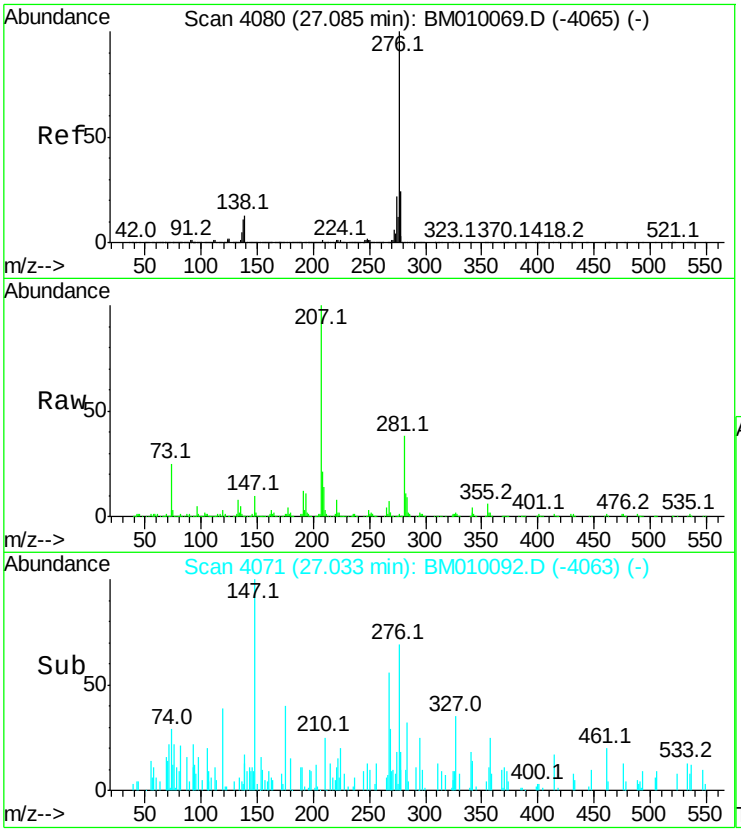


#90
Dibenzo(a,h)anthracene
Concen: 33.89 ng
RT: 26.34 min Scan# 3954
Delta R.T. 0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion:278 Resp: 763

Ion	Ratio	Lower	Upper
278	100		
139	64.1	13.4	20.0#
279	184.6	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 169.73 ng
RT: 27.03 min Scan# 4071
Delta R.T. -0.05 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tgt Ion:276 Resp: 3744

Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.5	27.7
138	21.6	19.0	28.6