Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010257.D
Acq On : 26 May 2017 15:11
Operator : SJ/MA
Sample : PB99311TB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 26 23:31:13 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	7.94	152	109279	20.00	ng		-0.04
21) Naphthalene-d8	10.75	136	352966	20.00	ng		-0.04
38) Acenaphthene-d10	14.57	164	236882	20.00	ng		-0.04
63) Phenanthrene-d10	17.32	188	630634	20.00	ng		-0.04
75) Chrysene-d12	21.48	240	922506	20.00	ng		-0.03
86) Perylene-d12	23.83	264	1010330	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1130119	186.75	ng		-0.03
7) Phenol-d6	7.13	99	1341383	172.27	ng		-0.04
23) Nitrobenzene-d5	9.13	82	903814	138.15	ng		-0.04
41) 2,4,6-Tribromophenol	16.07	330	743821	206.75	ng		-0.03
44) 2-Fluorobiphenyl	13.19	172	2355248	127.82	ng		-0.04
78) Terphenyl-d14	19.92	244	4795823	118.21	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	106	0.04	ng	#	100
3) Pyridine	3.79	79	132	0.02	ng	#	16
4) n-Nitrosodimethylamine	3.76	42	358	0.13	ng	#	1
8) 2-Chlorophenol	7.52	128	156	0.02	ng	#	1
9) Benzaldehyde	7.13	77	3974	0.82	ng	#	2
10) Phenol	7.16	94	275	0.03	ng	#	1
15) Benzyl Alcohol	8.26	79	21372	3.63	ng	#	35
24) Nitrobenzene	9.18	77	171	0.03	ng	#	42
25) Isophorone	9.70	82	261	0.02	ng	#	62
45) 1,1'-Biphenyl	13.40	154	2935	0.15	ng	#	63
51) Acenaphthene	14.57	154	684	0.05	ng	#	5
62) Azobenzene	15.86	77	112	0.01	ng	#	50
70) Phenanthrene	17.36	178	127	0.00	ng	#	1
71) Anthracene	17.47	178	115	0.00	ng	#	61
73) Di-n-butylphthalate	18.26	149	1525	0.04	ng	#	78
74) Fluoranthene	19.38	202	843	0.02	ng		66
77) Pyrene	19.74	202	394	0.01	ng	#	57
79) Butylbenzylphthalate	20.60	149	1395	0.08	ng	#	37
80) Benzo(a)anthracene	21.47	228	4420	0.09	ng	#	92
81) 3,3'-Dichlorobenzidine	21.42	252	299	0.01	ng	#	92
82) Chrysene	21.52	228	2863	0.06	ng	#	52
83) Bis(2-ethylhexyl)phthalate	21.37	149	657	0.02	ng	#	47
84) Di-n-octyl phthalate	22.29	149	750	0.02	ng	#	1
85) Indeno(1,2,3-cd)pyrene	26.30	276	361	0.01	ng	#	100
87) Benzo(b)fluoranthene	23.12	252	3285	0.06	ng	#	1
88) Benzo(k)fluoranthene	23.17	252	942	0.02	ng	#	1
89) Benzo(a)pyrene	23.74	252	633	0.01	ng	#	1
90) Dibenzo(a,h)anthracene	26.30	278	695	0.01	ng	#	1
91) Benzo(g,h,i)perylene	27.03	276	350	0.01	ng	#	11

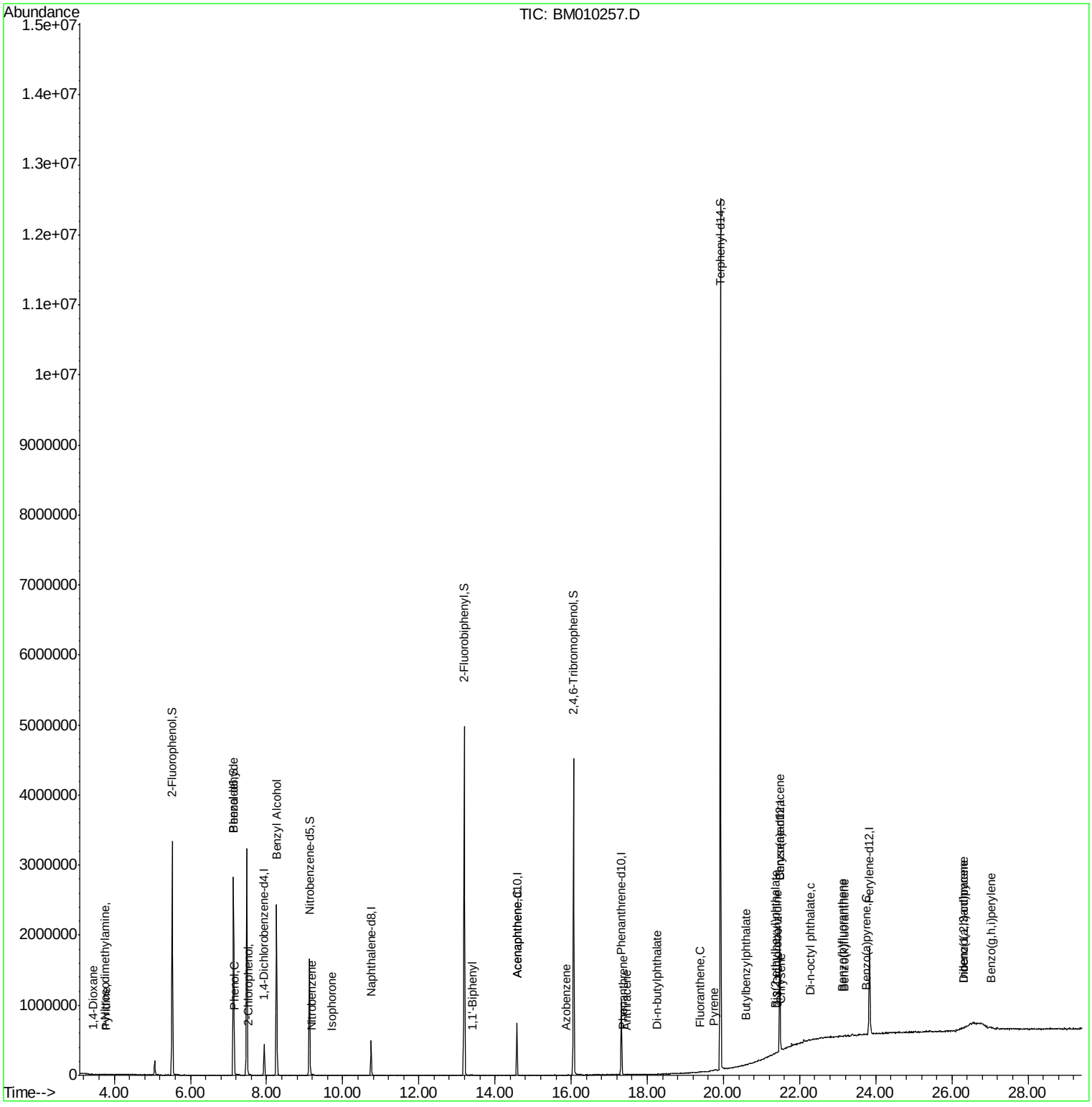
(#) = qualifier out of range (m) = manual integration (+) = signals summed

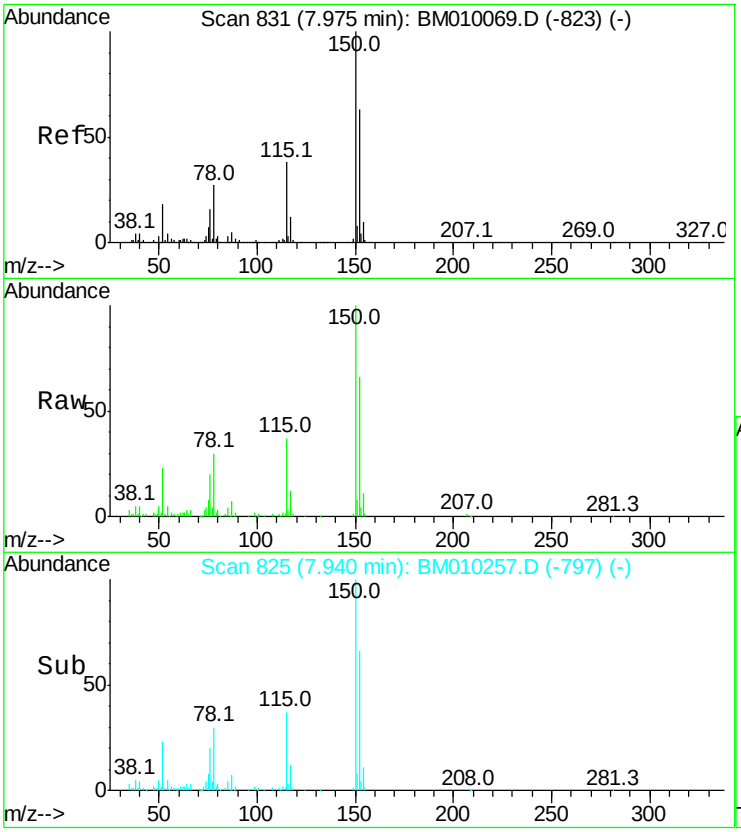
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010257.D
Acq On : 26 May 2017 15:11
Operator : SJ/MA
Sample : PB99311TB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 26 23:31:13 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



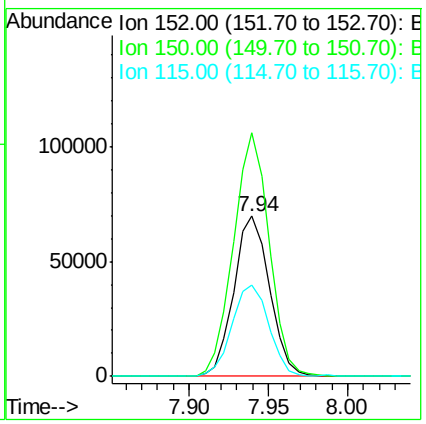


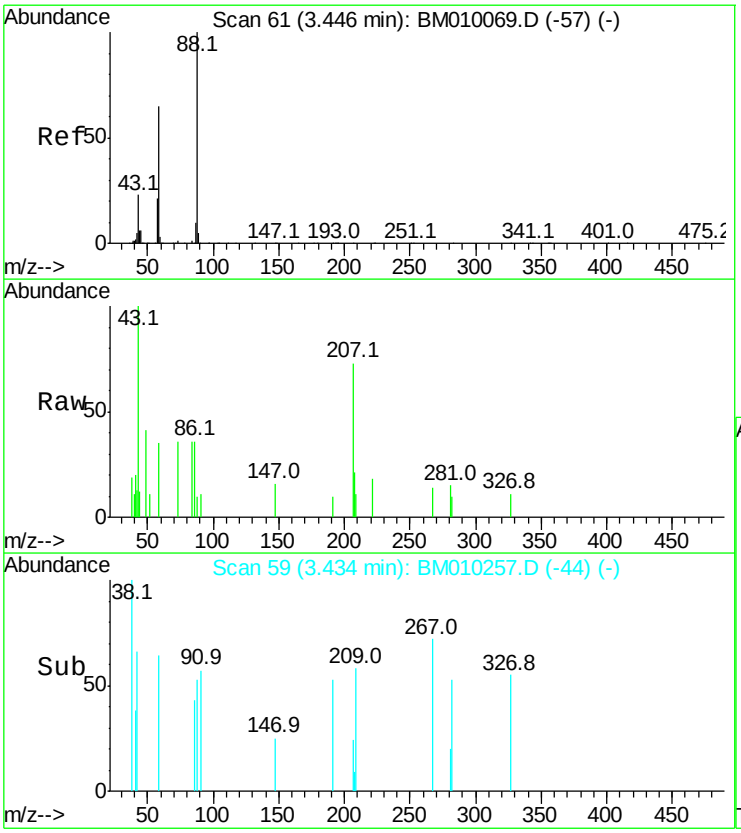
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.04 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 109279

Ion	Ratio	Lower	Upper
152	100		
150	152.0	119.5	179.3
115	56.7	43.0	64.4

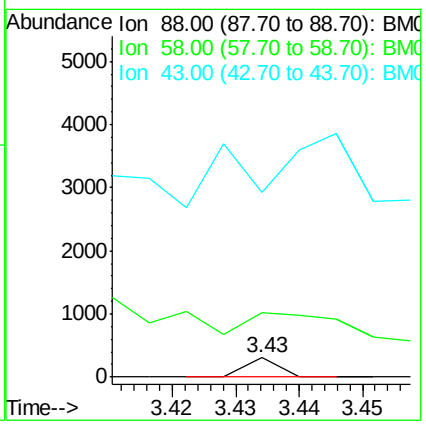


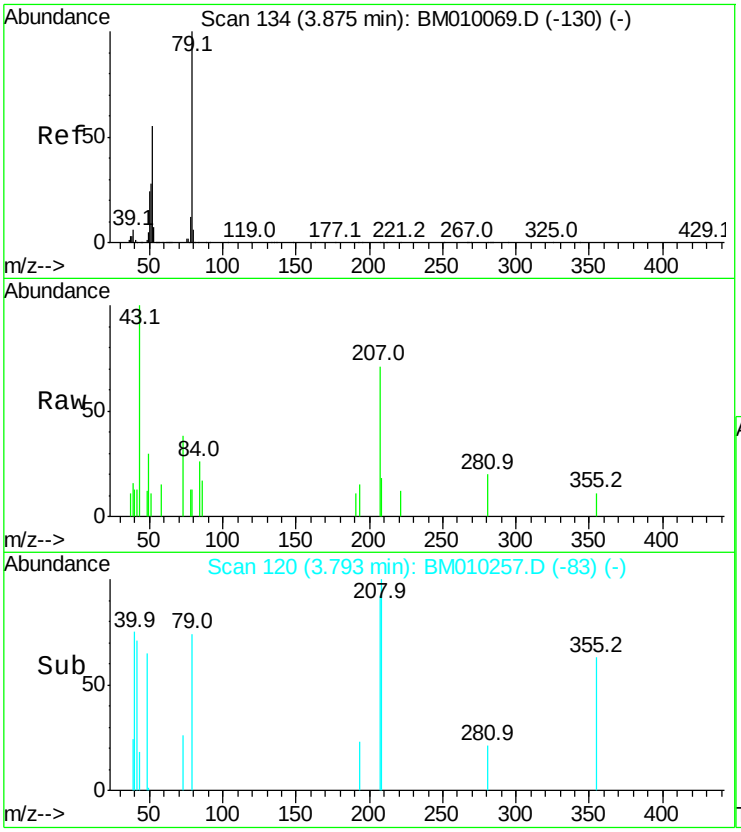


#2
1,4-Dioxane
Concen: 0.04 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.01 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion: 88 Resp: 106

Ion	Ratio	Lower	Upper
88	100		
58	432.1	0.0	0.0#
43	2520.8	0.0	0.0#



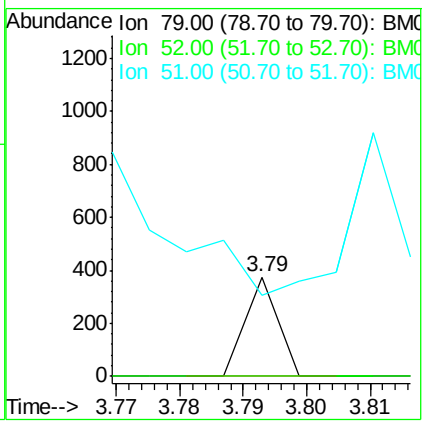


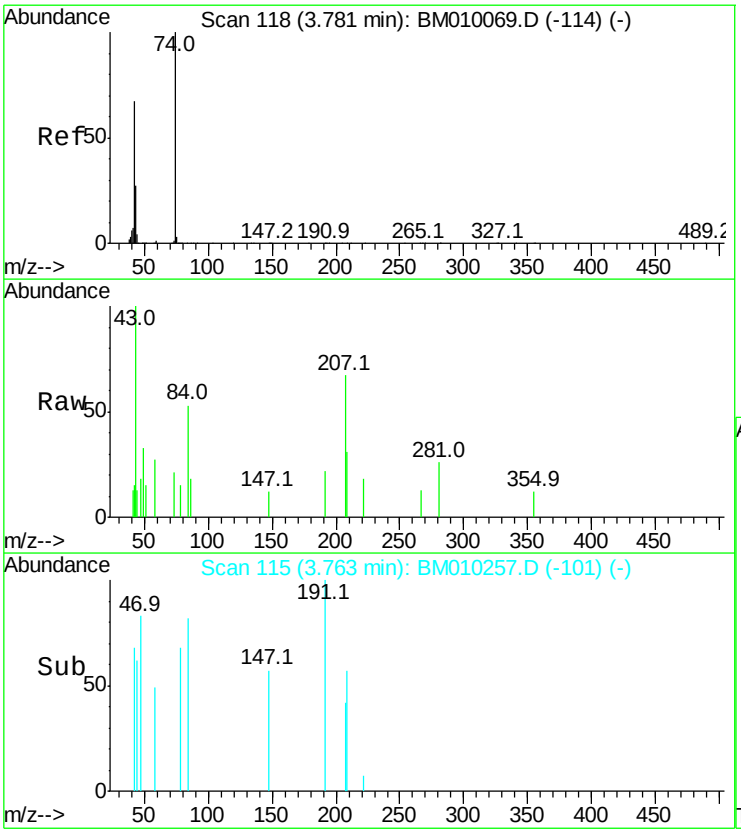
#3
Pyridine
Concen: 0.02 ng
RT: 3.79 min Scan# 120
Delta R.T. -0.08 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 132

Ion	Ratio	Lower	Upper
79	100		
52	0.0	51.1	76.7#
51	81.6	26.1	39.1#

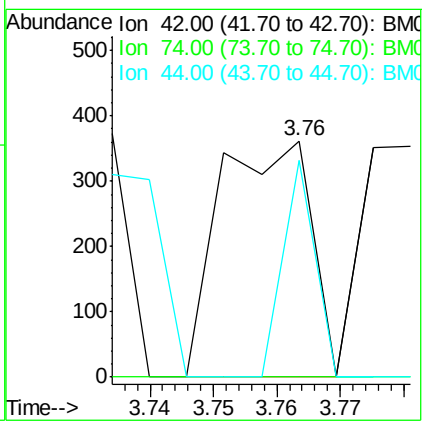


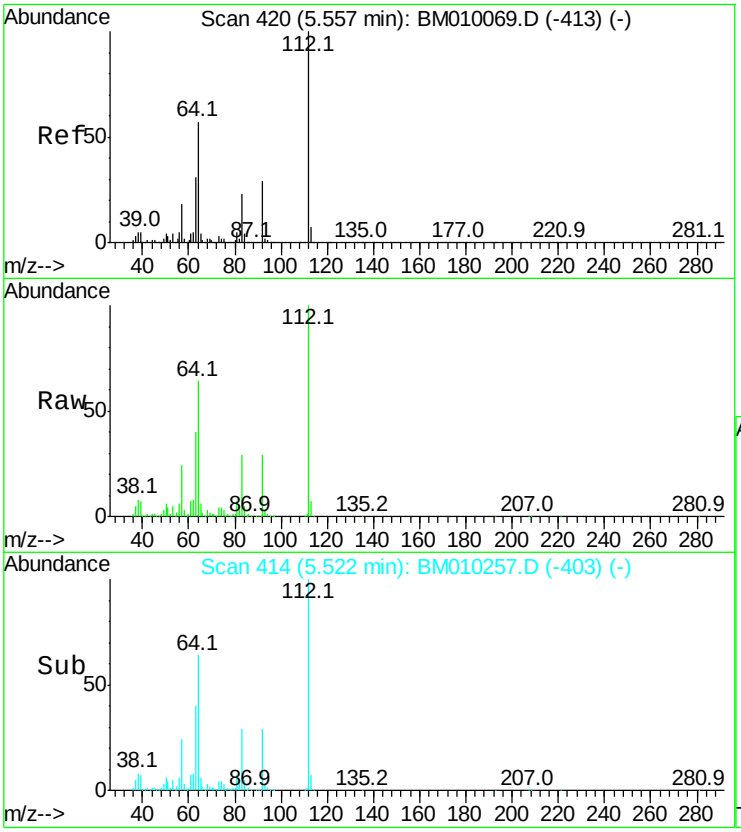


#4
n-Nitrosodimethylamine
Concen: 0.13 ng
RT: 3.76 min Scan# 115
Delta R.T. -0.02 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion: 42 Resp: 358

Ion	Ratio	Lower	Upper
42	100		
74	0.0	119.3	178.9#
44	91.7	5.4	8.2#



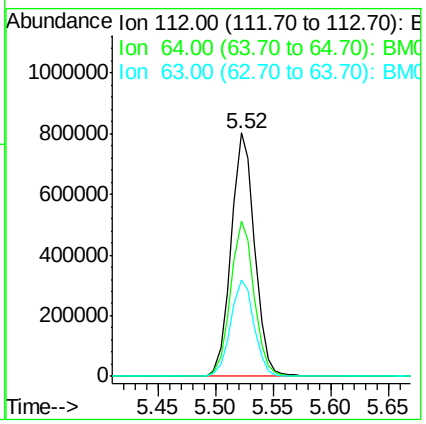


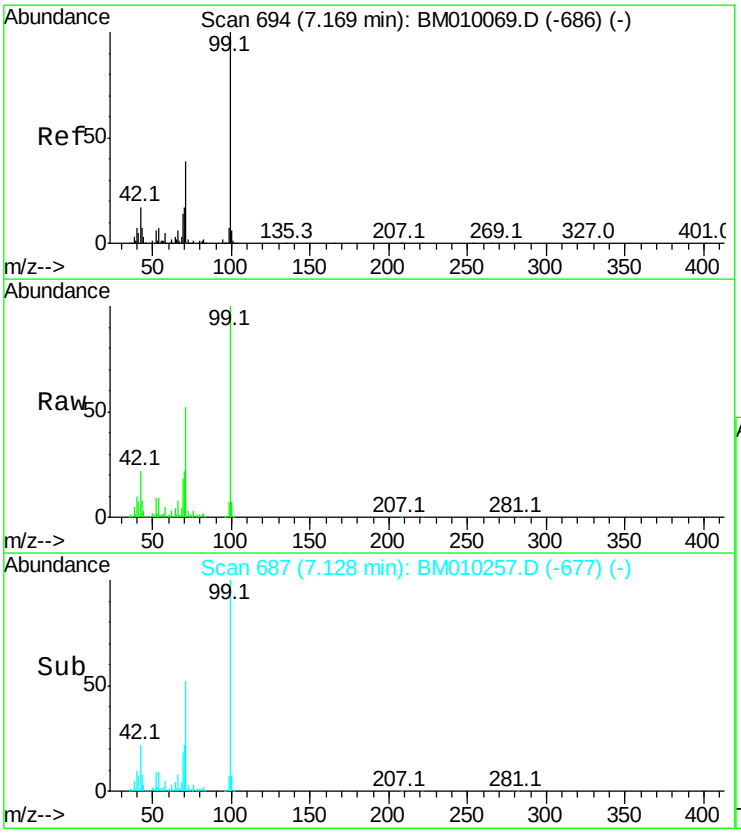
#5
2-Fluorophenol
Concen: 186.75 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.03 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:112 Resp: 1130119

Ion	Ratio	Lower	Upper
112	100		
64	63.6	38.6	57.8#
63	39.7	19.3	28.9#

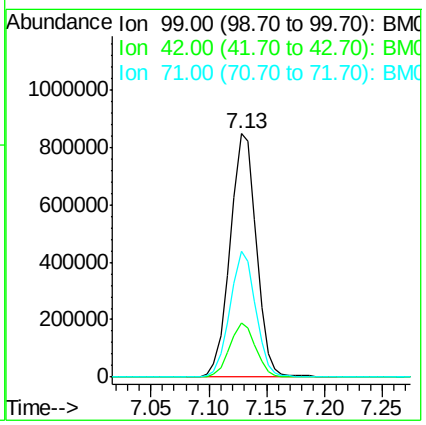


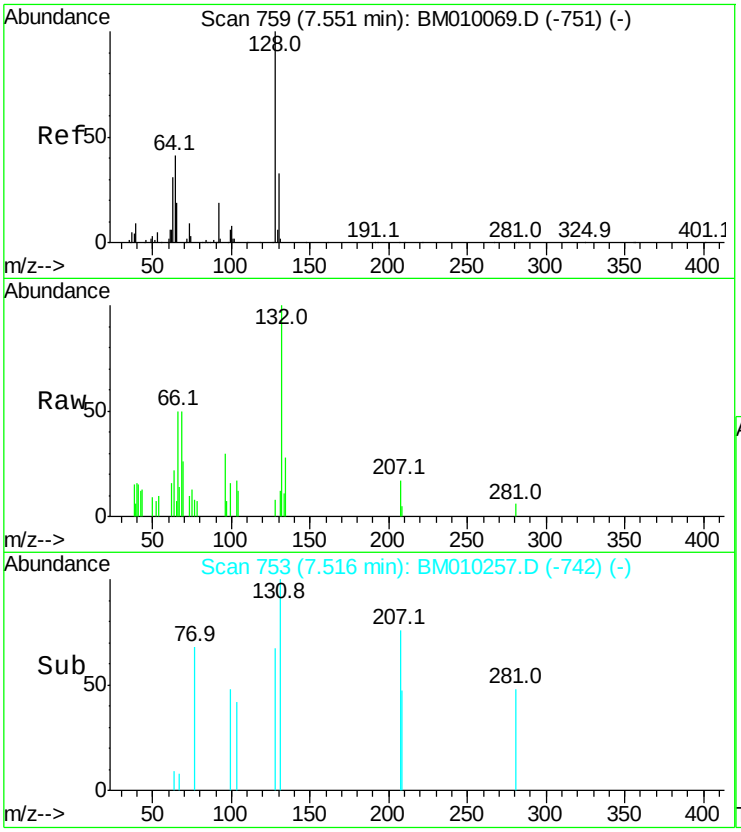


#7
Phenol-d6
Concen: 172.27 ng
RT: 7.13 min Scan# 687
Delta R.T. -0.04 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion: 99 Resp: 1341383

Ion	Ratio	Lower	Upper
99	100		
42	22.4	11.0	16.4#
71	51.7	23.4	35.2#



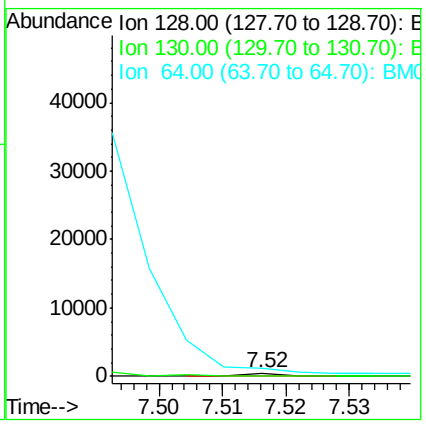


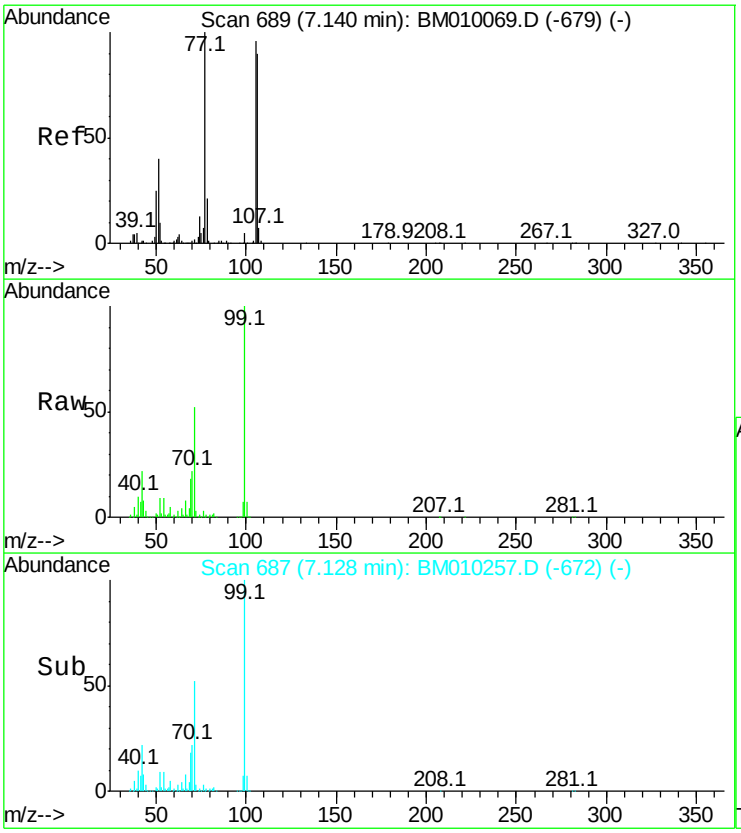
#8
2-Chlorophenol
Concen: 0.02 ng
RT: 7.52 min Scan# 753
Delta R.T. -0.04 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 156

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.0	52.0#
64	280.1	24.9	64.9#

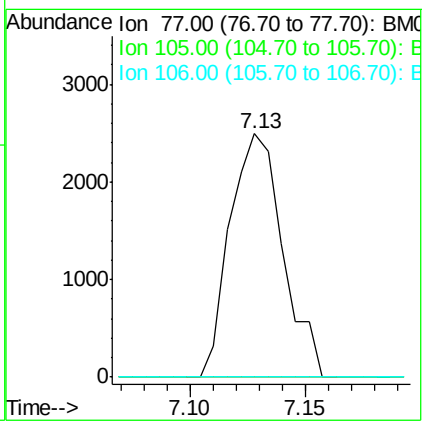


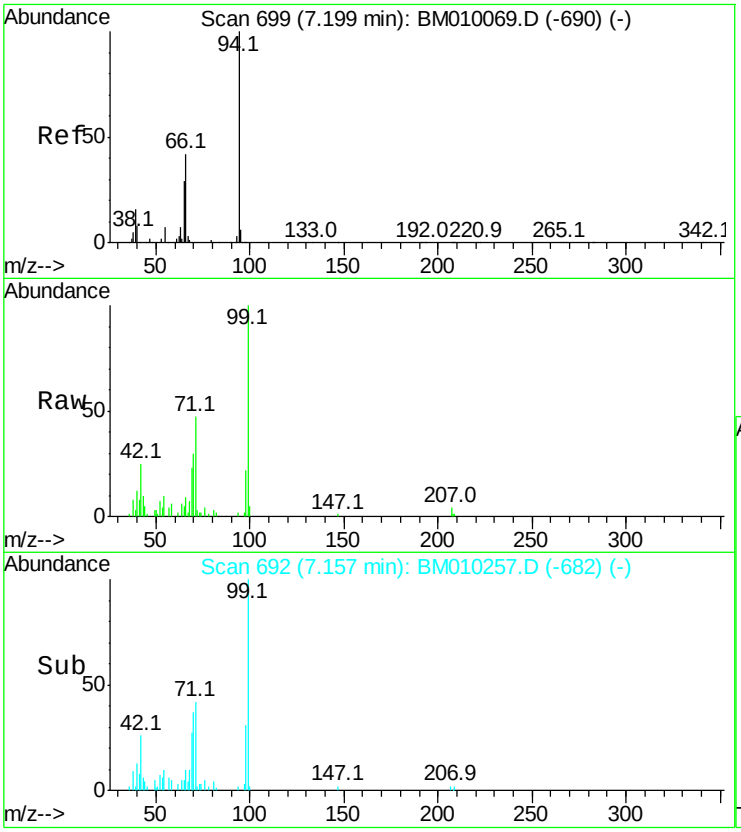


#9
Benzaldehyde
Concen: 0.82 ng
RT: 7.13 min Scan# 687
Delta R.T. -0.01 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion: 77 Resp: 3974

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



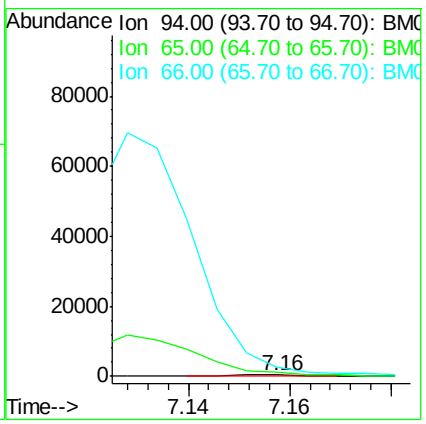


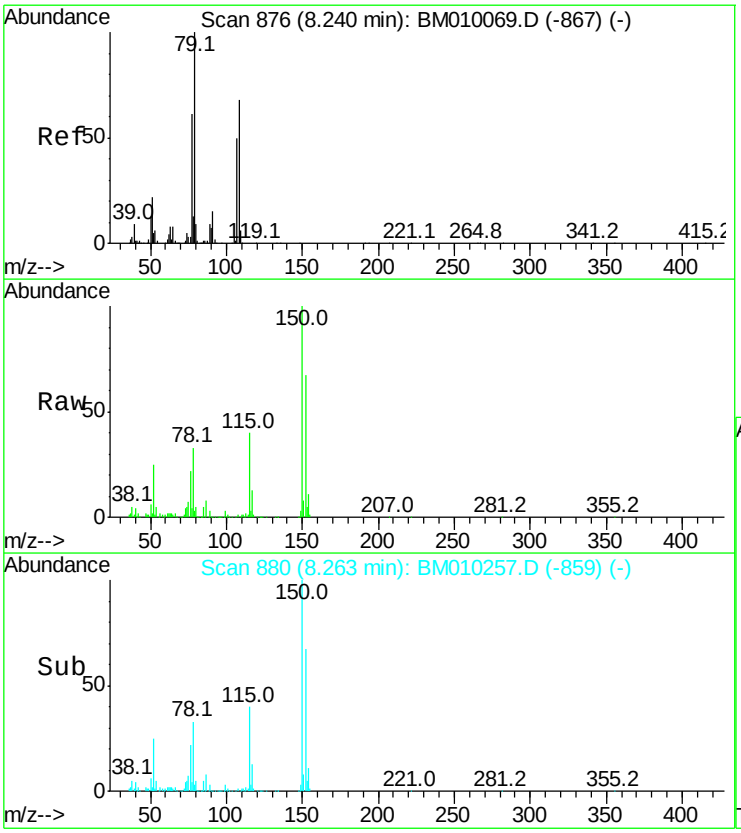
#10
Phenol
Concen: 0.03 ng
RT: 7.16 min Scan# 692
Delta R.T. -0.04 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 275

Ion	Ratio	Lower	Upper
94	100		
65	292.8	18.8	58.8#
66	596.5	39.9	79.9#

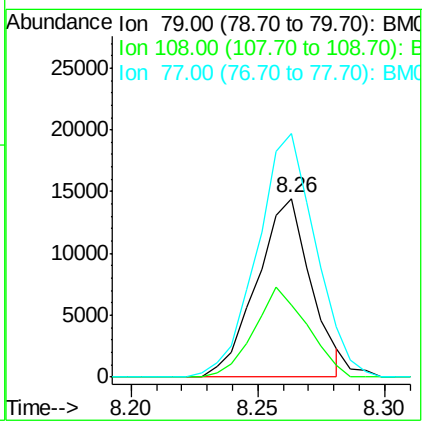


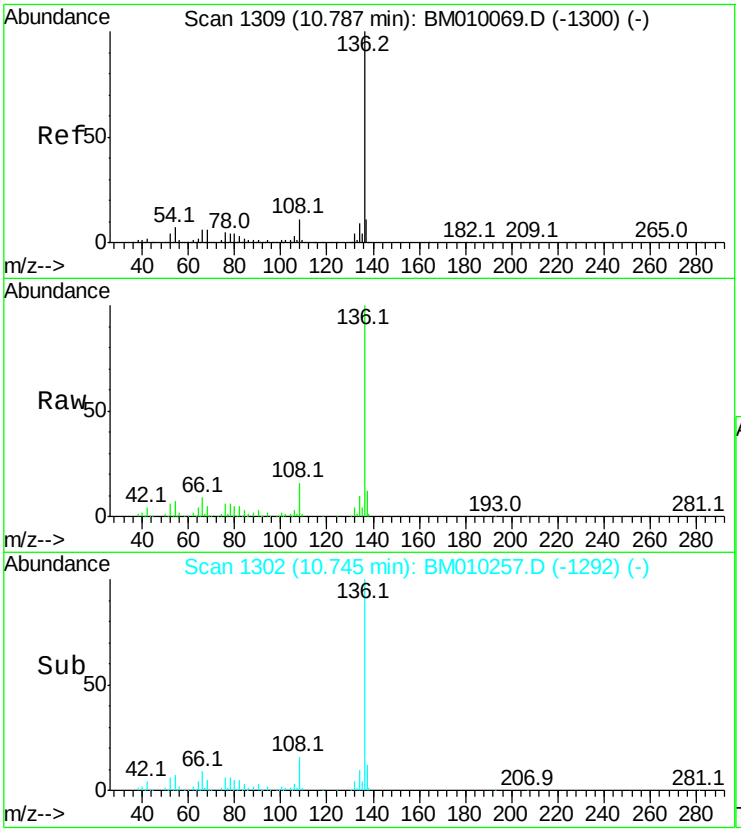


#15
Benzyl Alcohol
Concen: 3.63 ng
RT: 8.26 min Scan# 880
Delta R.T. 0.02 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion: 79 Resp: 21372

Ion	Ratio	Lower	Upper
79	100		
108	40.1	65.0	97.4#
77	136.2	53.0	79.6#



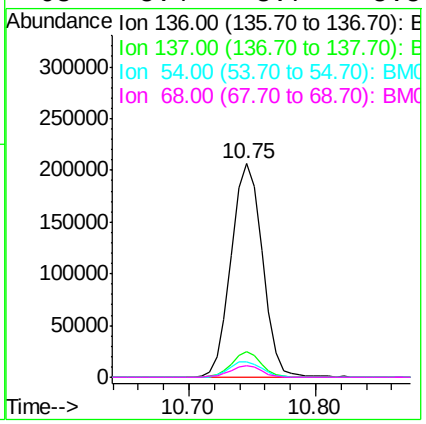


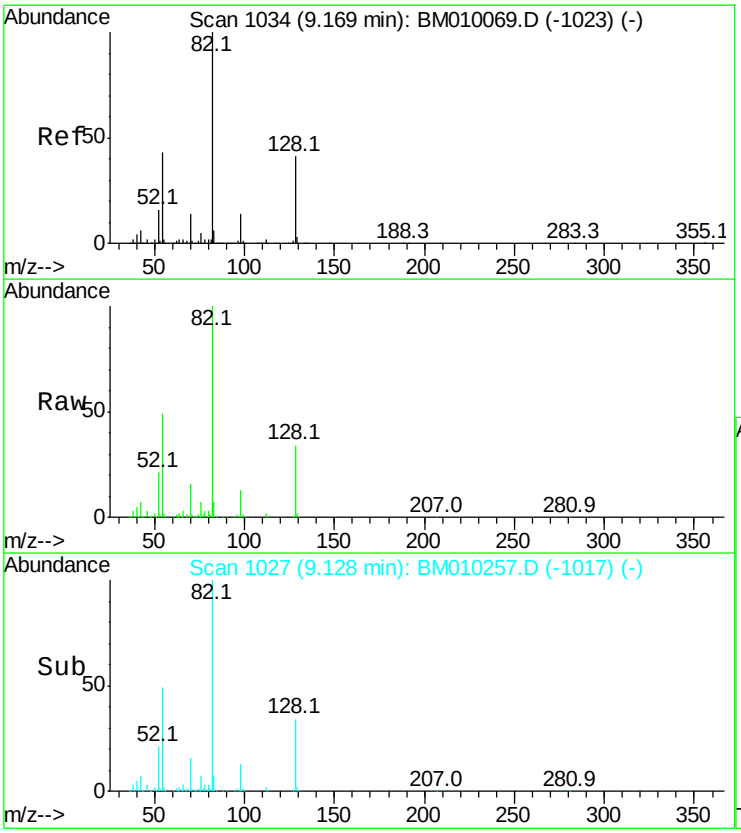
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1302
Delta R.T. -0.04 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 352966

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.7	13.1
54	7.5	4.6	6.8#
68	5.4	3.7	5.5

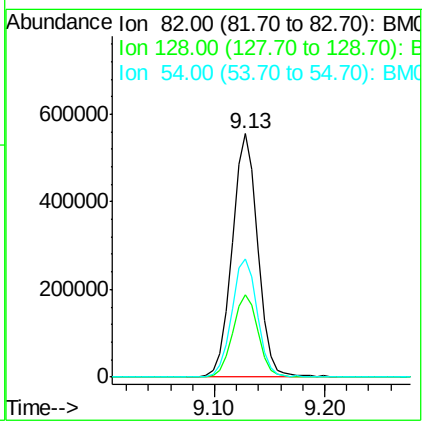


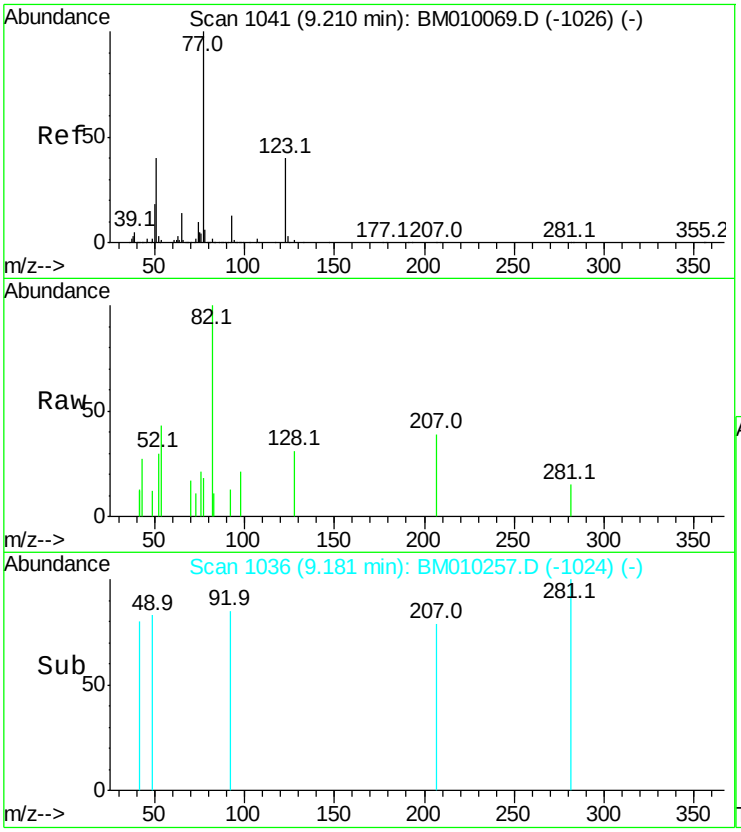


#23
Nitrobenzene-d5
Concen: 138.15 ng
RT: 9.13 min Scan# 1027
Delta R.T. -0.04 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion: 82 Resp: 903814

Ion	Ratio	Lower	Upper
82	100		
128	33.6	32.8	49.2
54	48.6	40.6	60.8



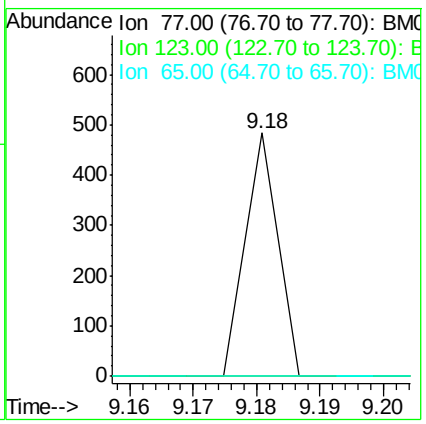


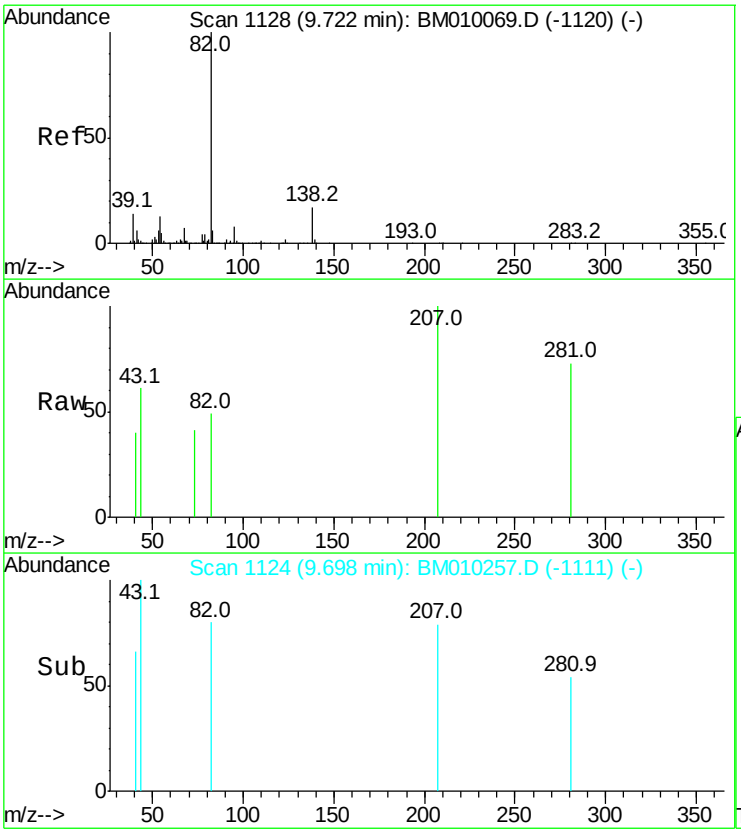
#24
Nitrobenzene
Concen: 0.03 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 171

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	0.0	10.9	16.3#

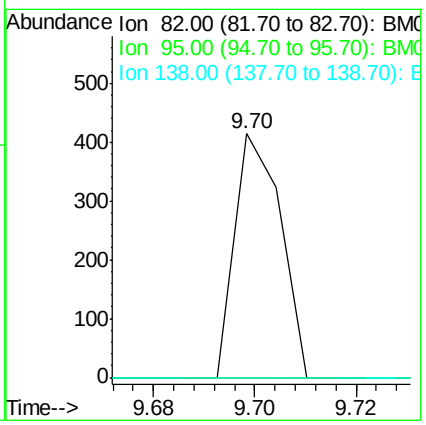


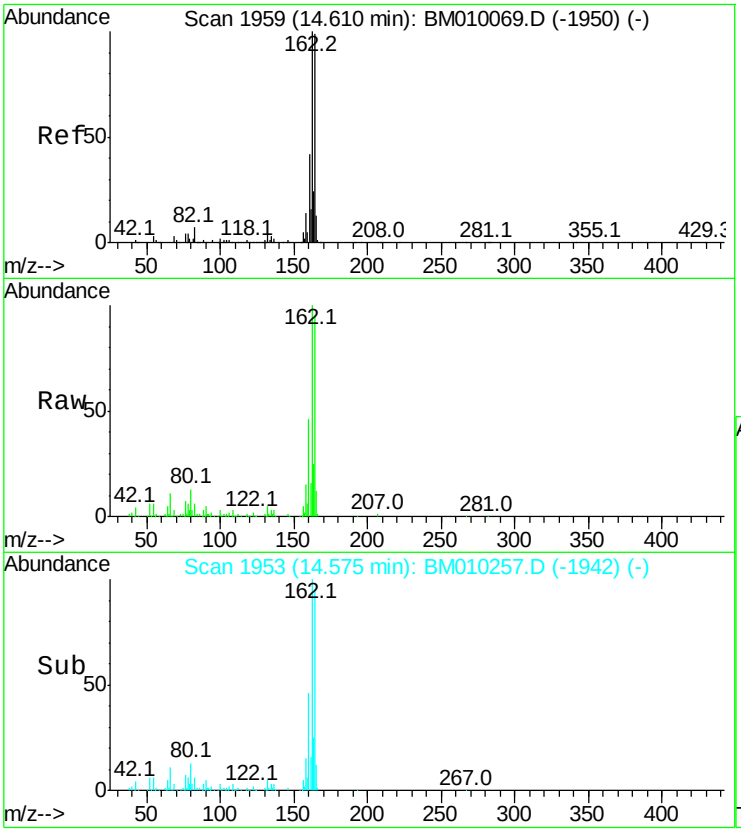


#25
Isophorone
Concen: 0.02 ng
RT: 9.70 min Scan# 1124
Delta R.T. -0.02 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion: 82 Resp: 261

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	16.3	24.5#



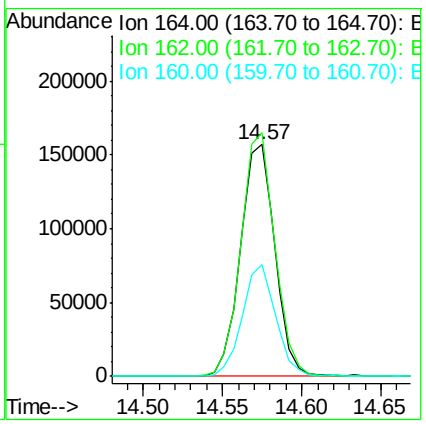


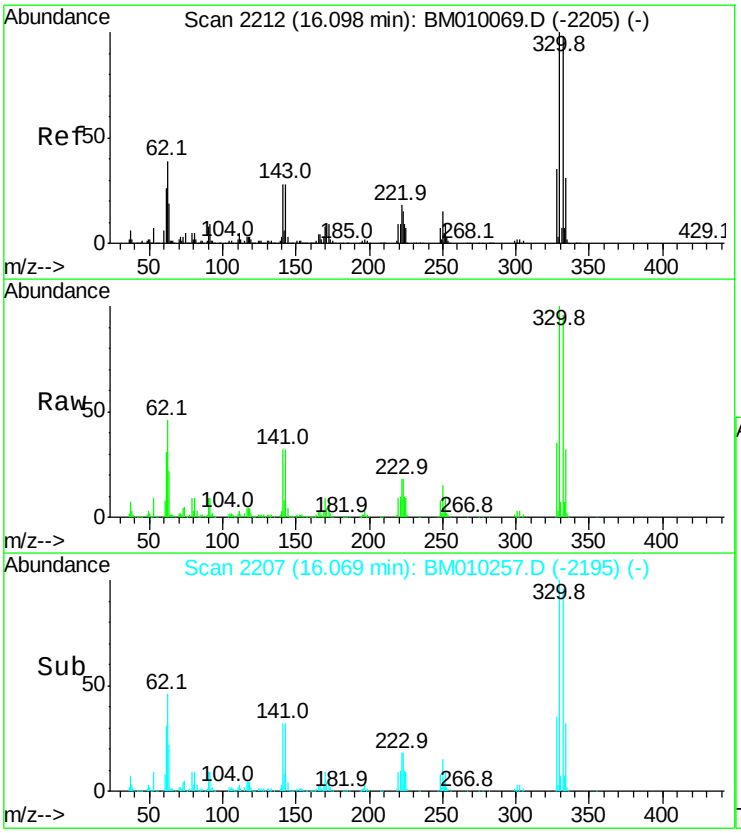
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.04 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 236882

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.4	123.6
160	48.1	35.8	53.6

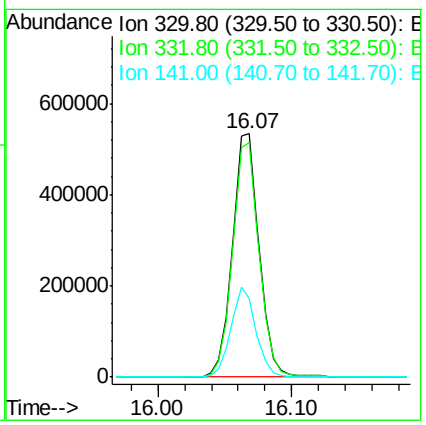


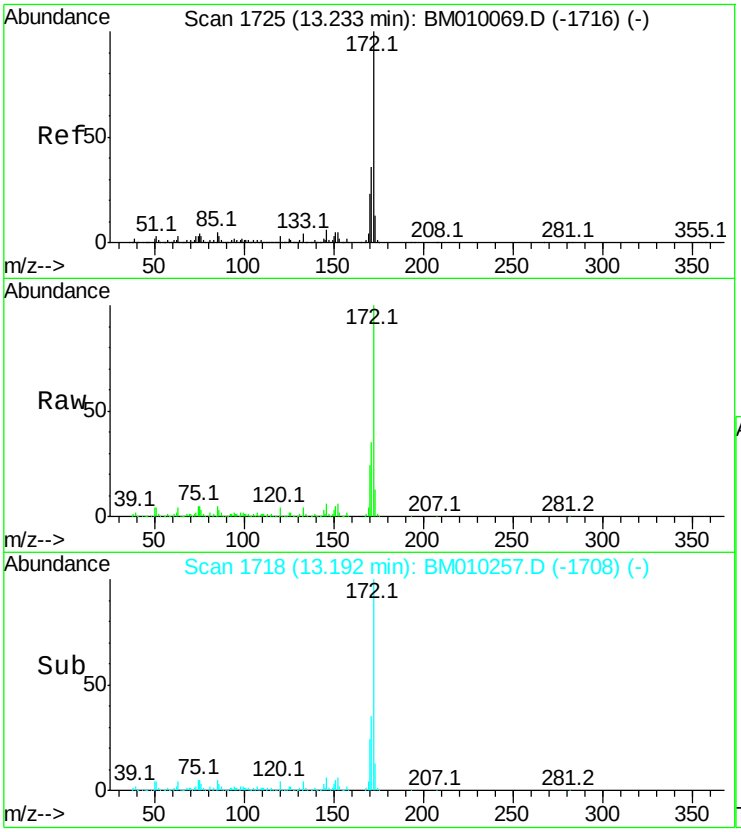


#41
2,4,6-Tribromophenol
Concen: 206.75 ng
RT: 16.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion:330 Resp: 743821

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	35.1	0.0	0.0#



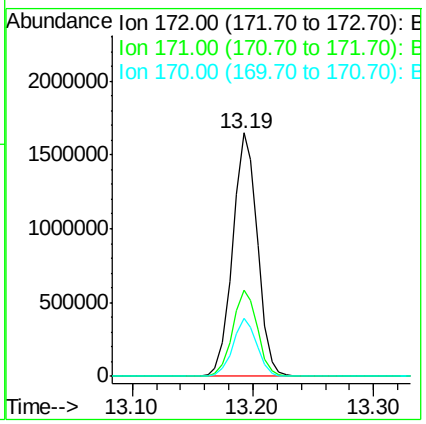


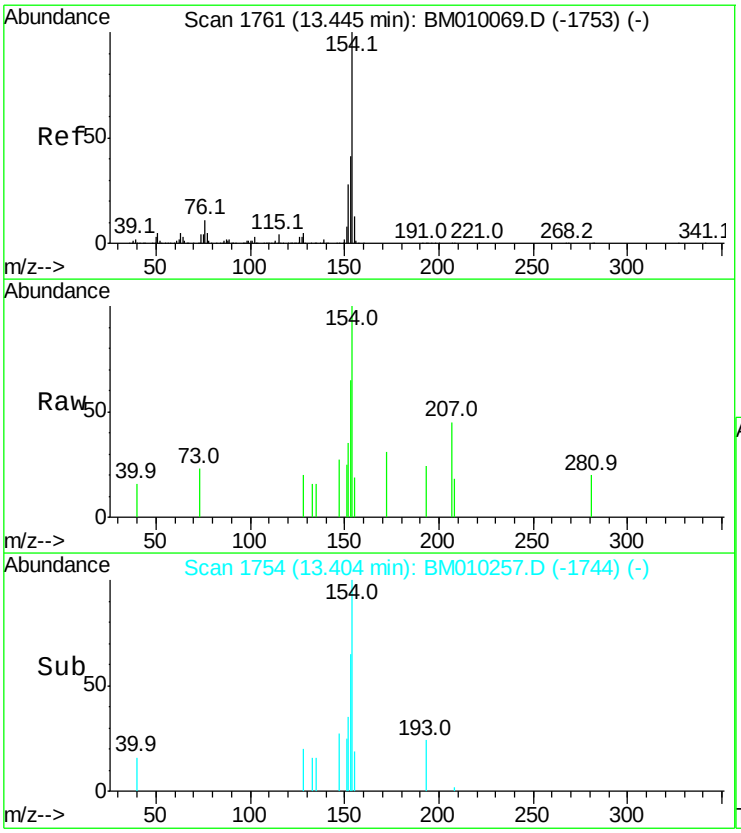
#44
2-Fluorobiphenyl
Concen: 127.82 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 2355248

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.7	18.8	28.2

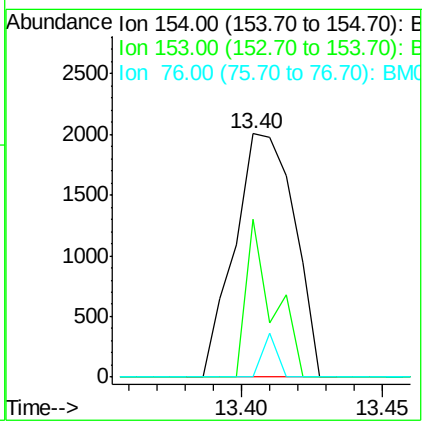


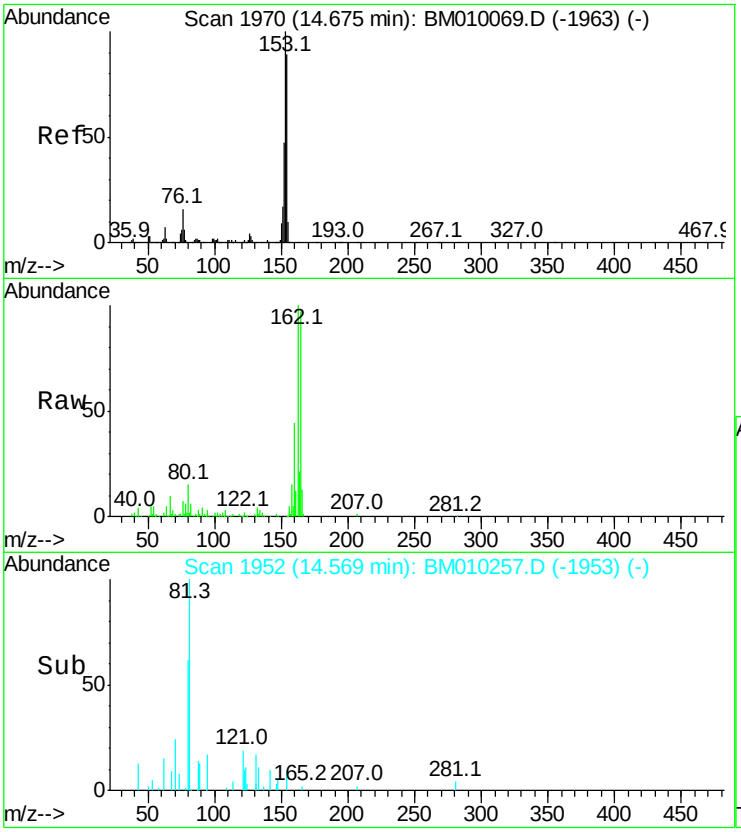


#45
1,1'-Biphenyl
Concen: 0.15 ng
RT: 13.40 min Scan# 1754
Delta R.T. -0.04 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion:154 Resp: 2935

Ion	Ratio	Lower	Upper
154	100		
153	64.8	20.7	60.7#
76	0.0	0.0	30.9



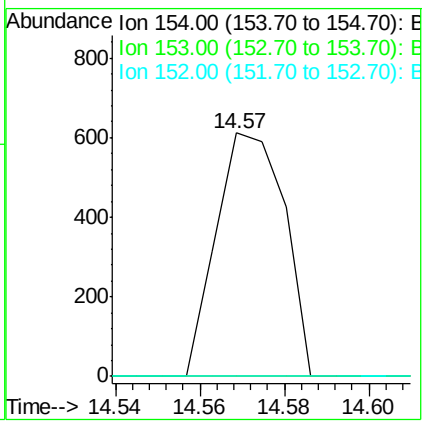


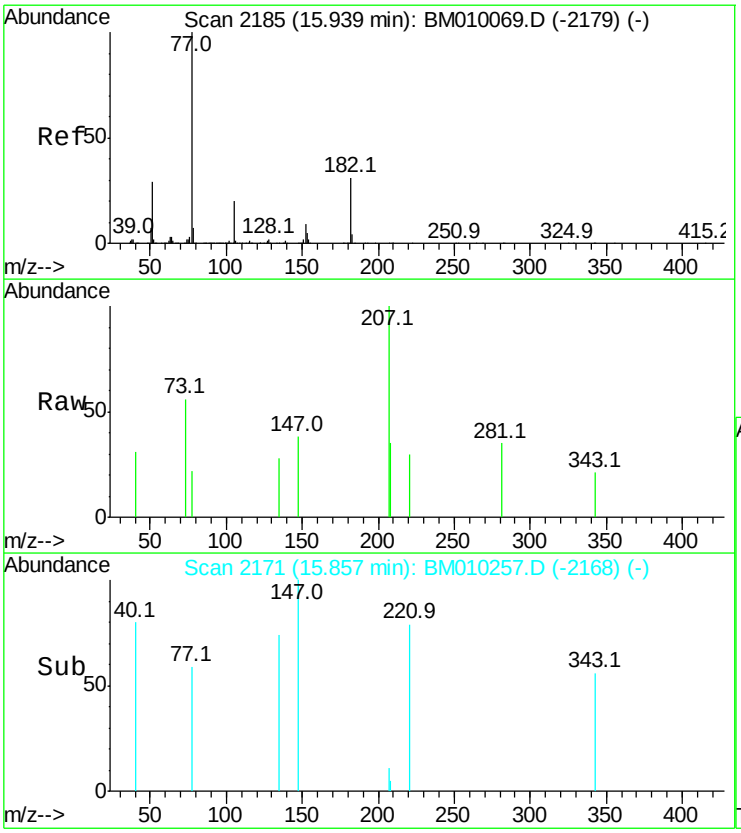
#51
Acenaphthene
Concen: 0.05 ng
RT: 14.57 min Scan# 1952
Delta R.T. -0.11 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 684

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.0	135.0#
152	0.0	42.6	63.8#

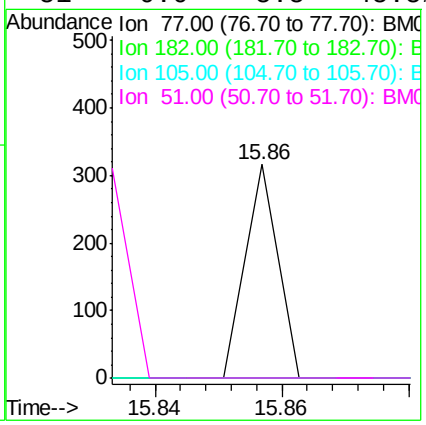


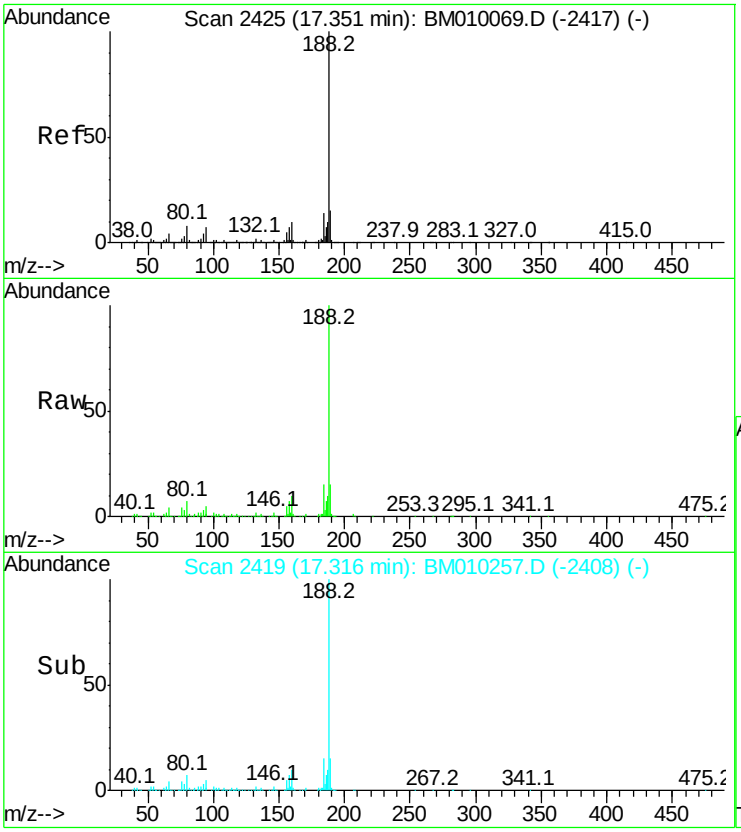


#62
Azobenzene
Concen: 0.01 ng
RT: 15.86 min Scan# 2171
Delta R.T. -0.08 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion: 77 Resp: 112

Ion	Ratio	Lower	Upper
77	100		
182	0.0	6.5	46.5#
105	0.0	3.8	43.8#
51	0.0	5.5	45.5#



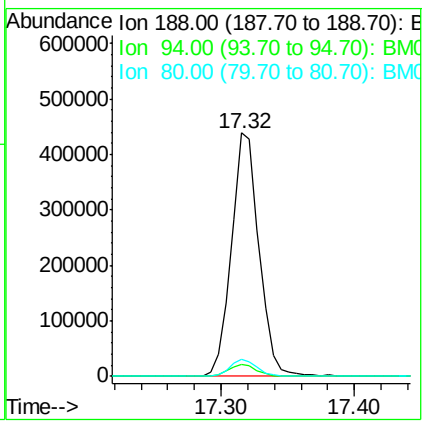


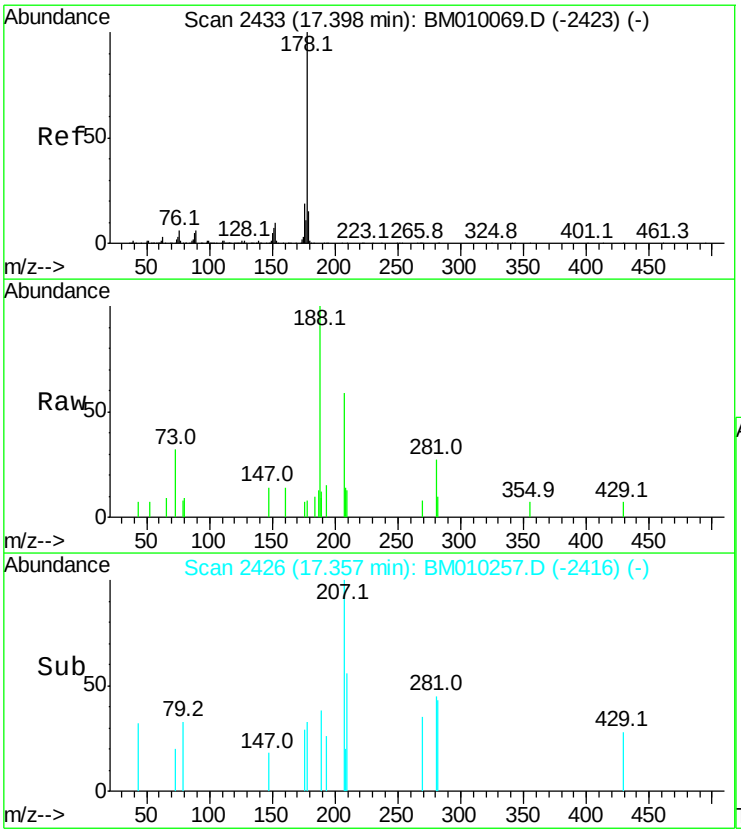
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2419
Delta R.T. -0.04 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 630634

Ion	Ratio	Lower	Upper
188	100		
94	4.9	8.7	13.1#
80	6.9	9.3	13.9#

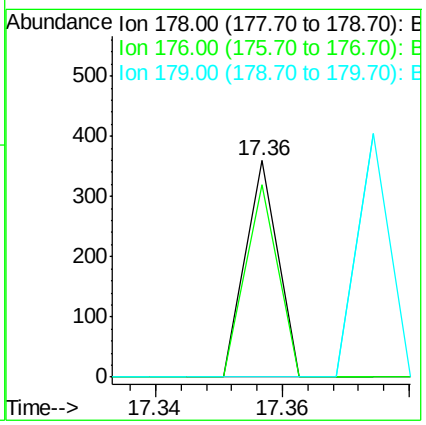


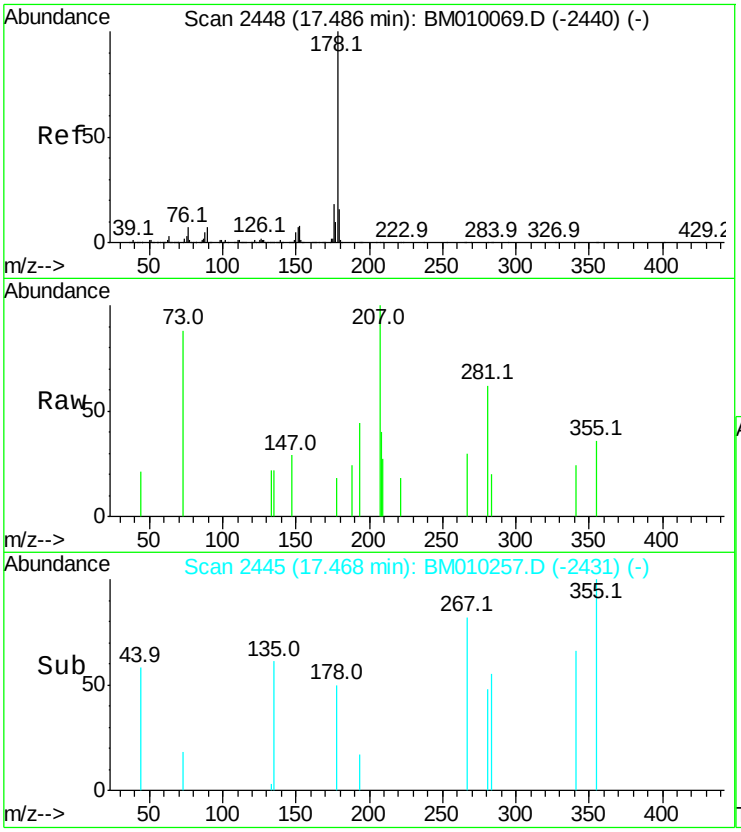


#70
Phenanthrene
Concen: 0.00 ng
RT: 17.36 min Scan# 2426
Delta R.T. -0.04 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion:178 Resp: 127

Ion	Ratio	Lower	Upper
178	100		
176	89.1	15.2	22.8#
179	0.0	12.1	18.1#



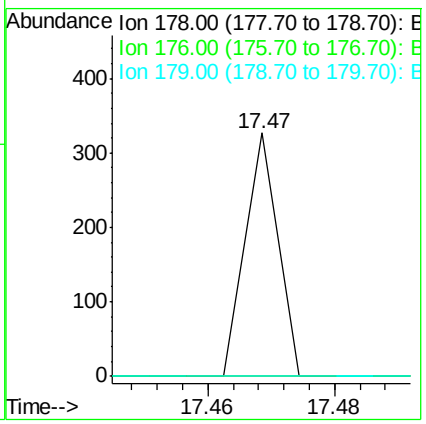


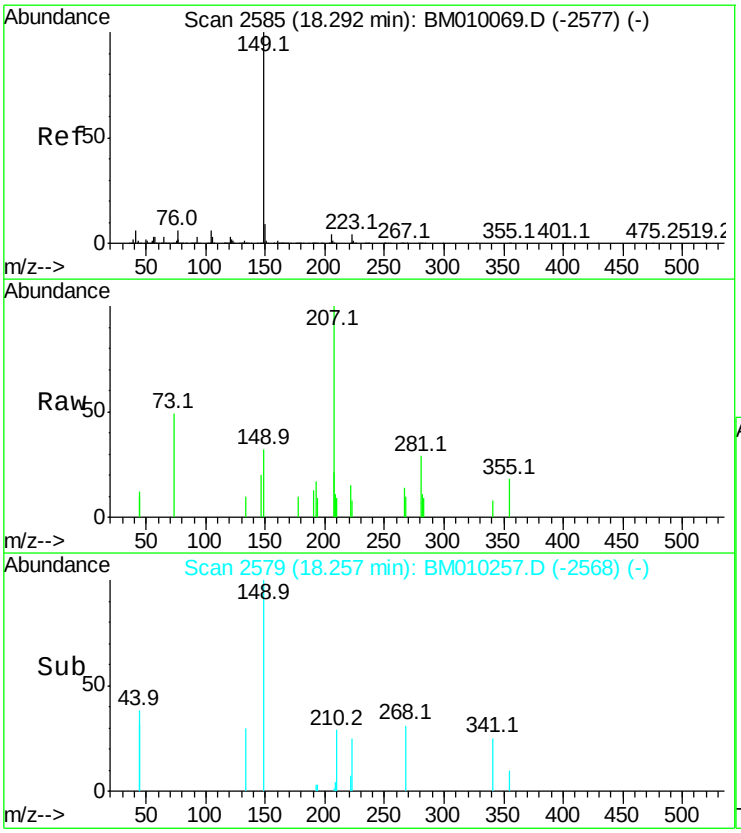
#71
Anthracene
Concen: 0.00 ng
RT: 17.47 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 115

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.6	22.0#
179	0.0	12.6	19.0#

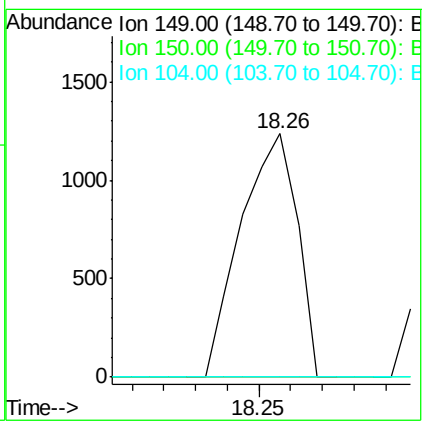


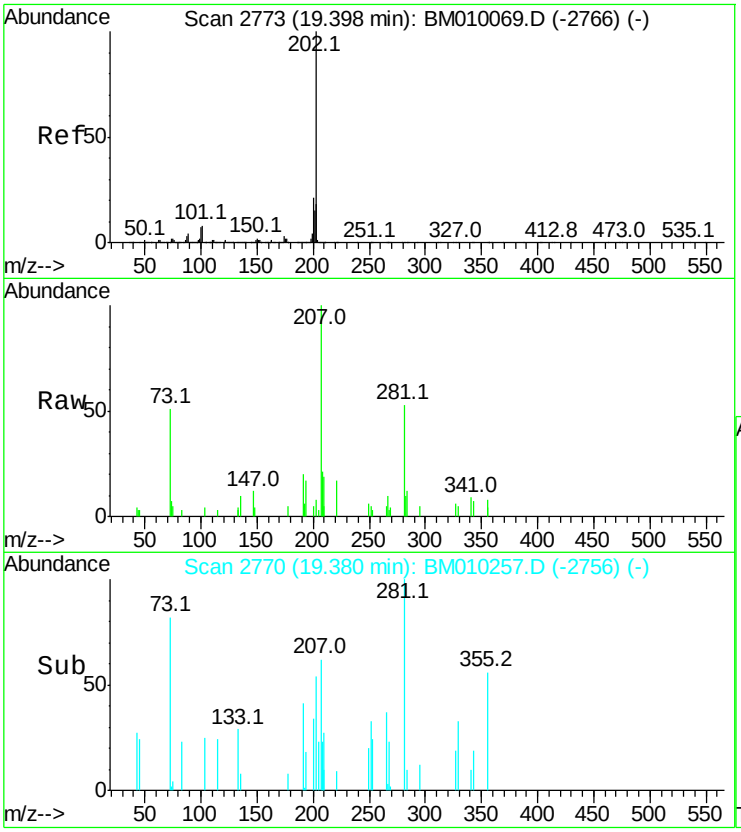


#73
Di-n-butylphthalate
Concen: 0.04 ng
RT: 18.26 min Scan# 2579
Delta R.T. -0.04 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion:149 Resp: 1525

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.5	11.3#
104	0.0	3.7	5.5#



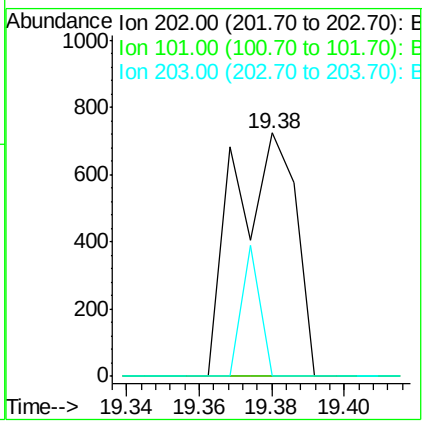


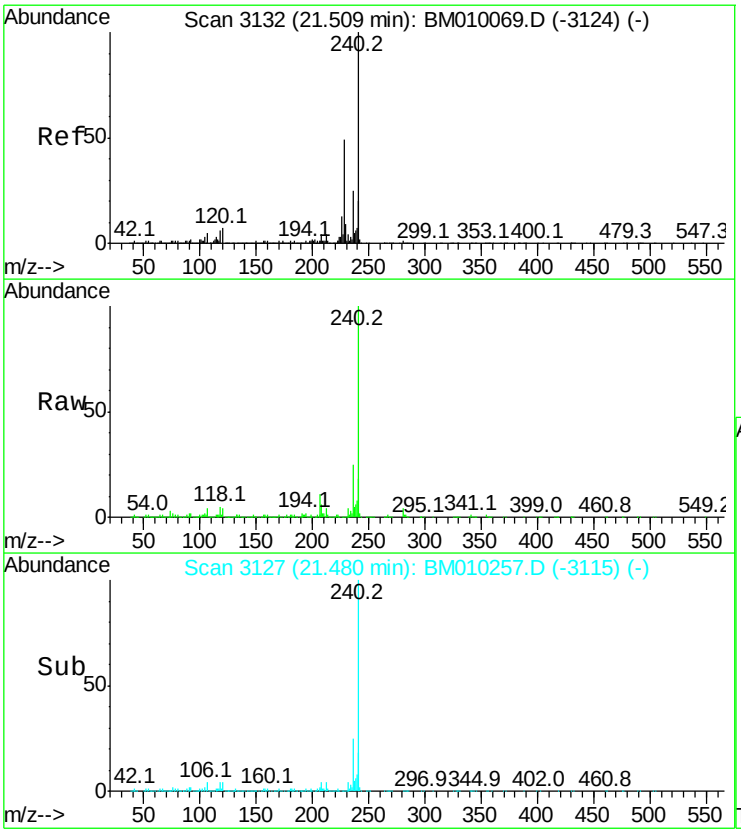
#74
Fluoranthene
Concen: 0.02 ng
RT: 19.38 min Scan# 2770
Delta R.T. -0.02 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 843

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

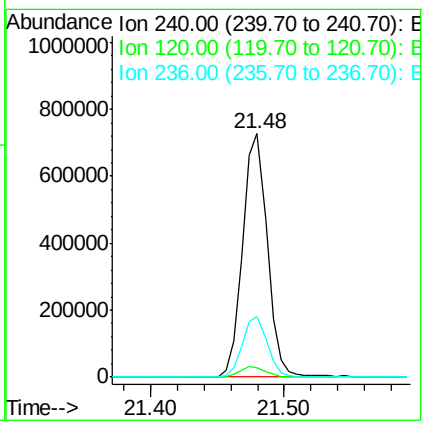


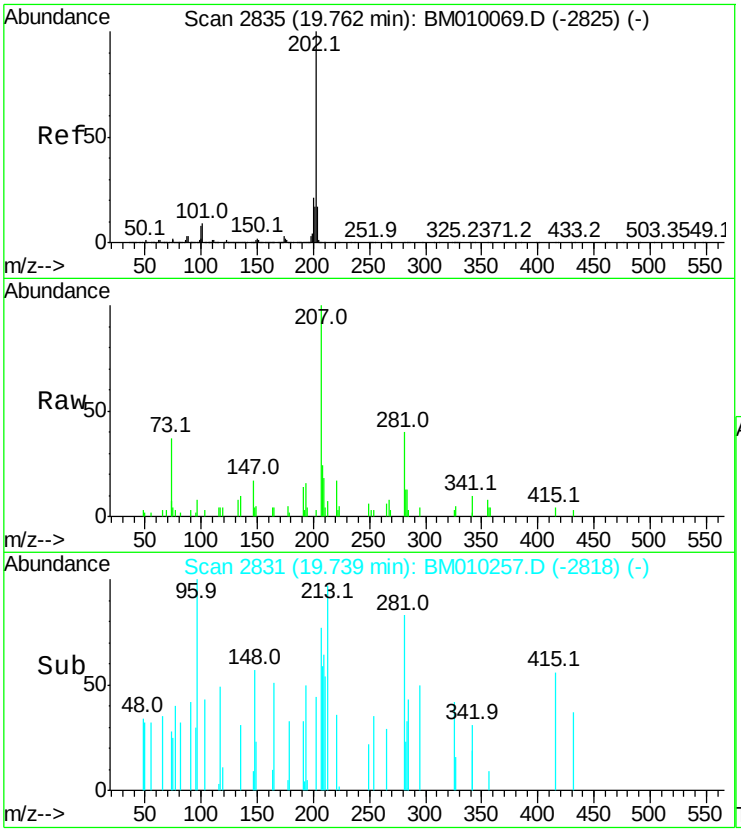


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion:240 Resp: 922506

Ion	Ratio	Lower	Upper
240	100		
120	4.1	8.2	12.2#
236	24.7	20.0	30.0



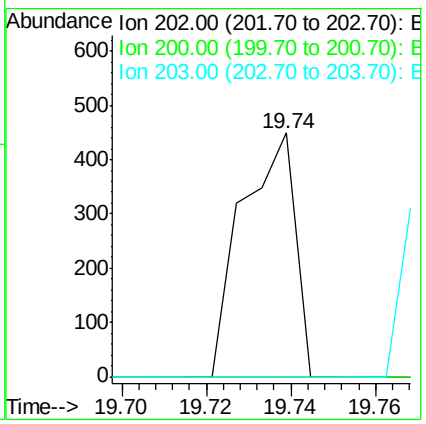


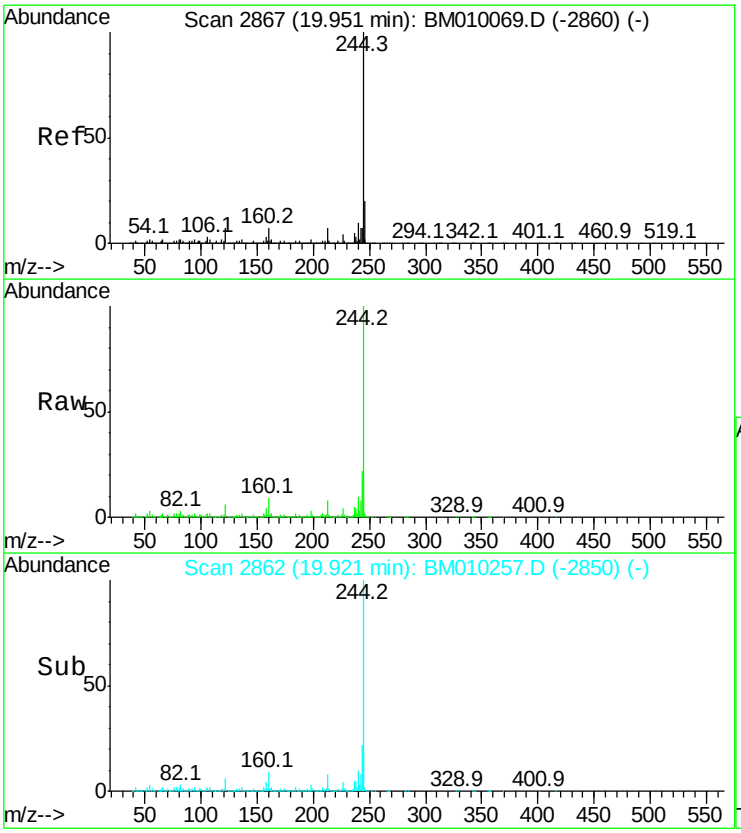
#77
Pyrene
Concen: 0.01 ng
RT: 19.74 min Scan# 2831
Delta R.T. -0.02 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 394

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	0.0	14.1	21.1#

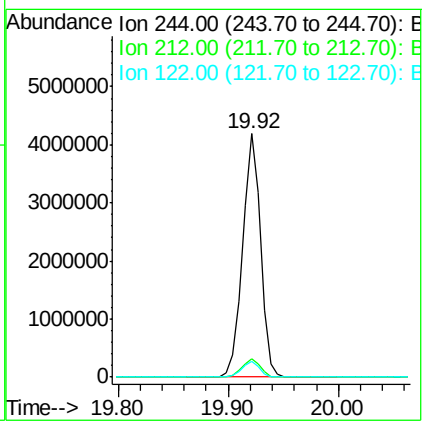


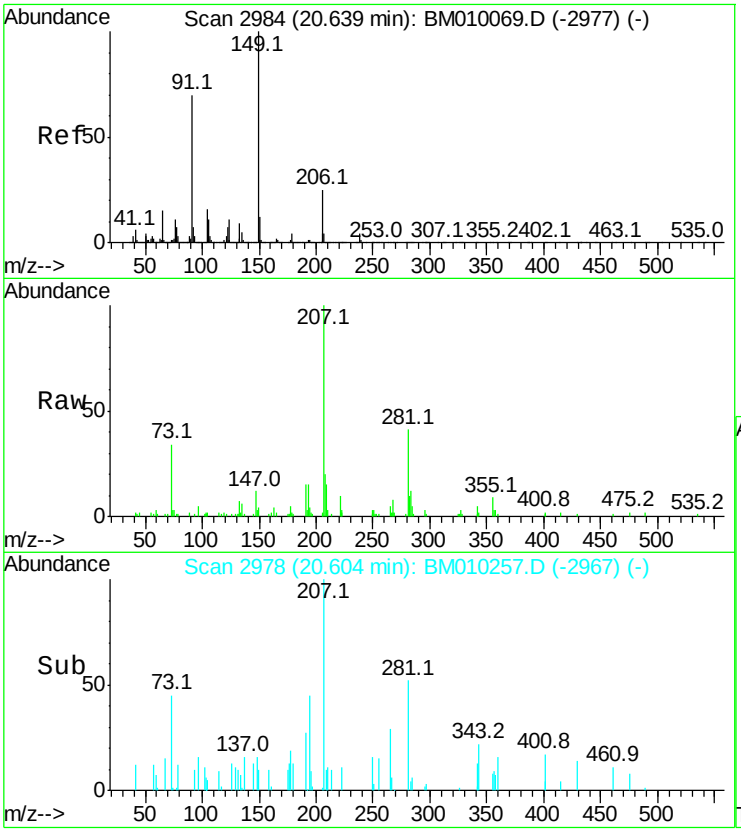


#78
Terphenyl-d14
Concen: 118.21 ng
RT: 19.92 min Scan# 2862
Delta R.T. -0.03 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion:244 Resp: 4795823

Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.9	7.3#
122	6.4	6.2	9.4



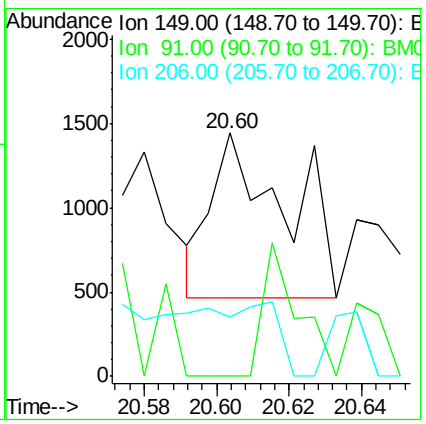


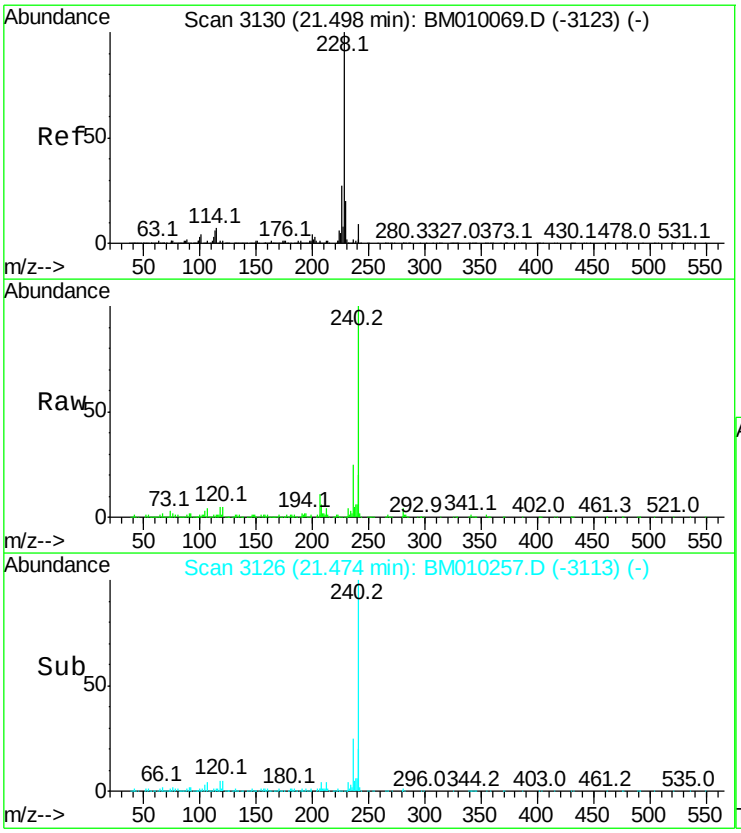
#79
Butylbenzylphthalate
Concen: 0.08 ng
RT: 20.60 min Scan# 2978
Delta R.T. -0.04 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1395

Ion	Ratio	Lower	Upper
149	100		
91	0.0	50.1	75.1#
206	24.5	16.2	24.2#

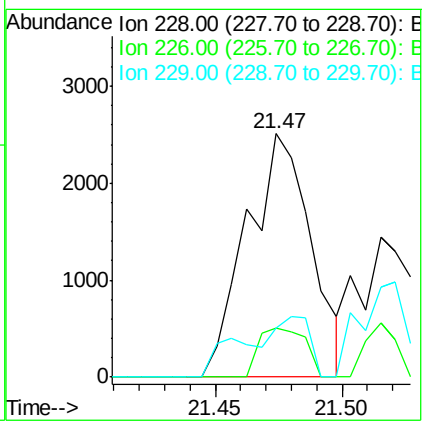


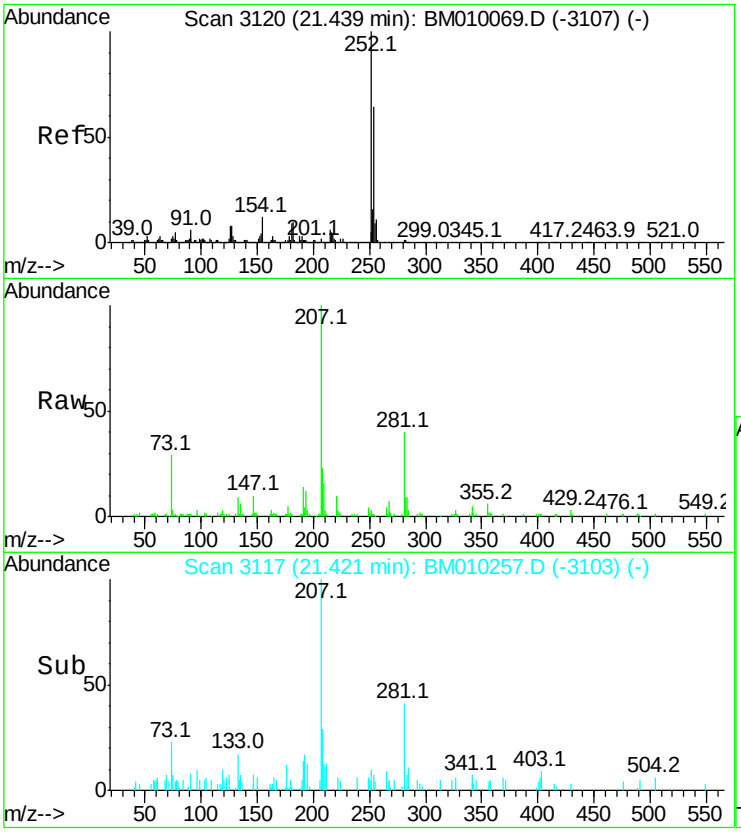


#80
Benzo(a)anthracene
Concen: 0.09 ng
RT: 21.47 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion:228 Resp: 4420

Ion	Ratio	Lower	Upper
228	100		
226	19.9	21.7	32.5#
229	20.1	16.0	24.0



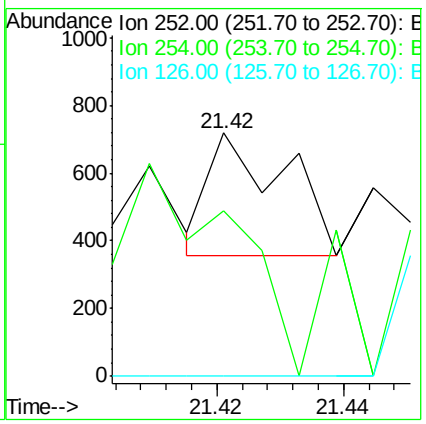


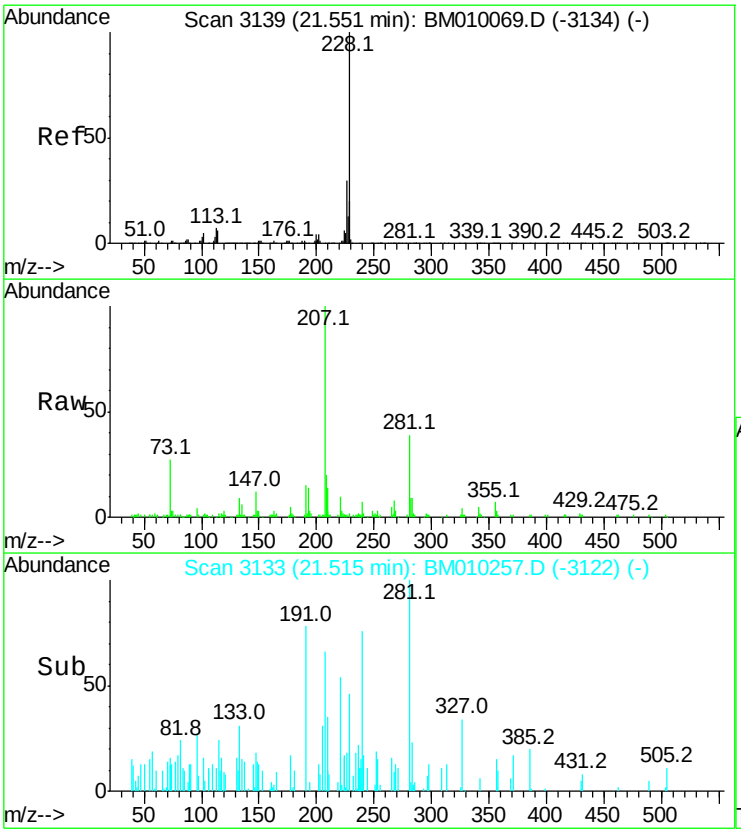
#81
3,3'-Dichlorobenzidine
Concen: 0.01 ng
RT: 21.42 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 299

Ion	Ratio	Lower	Upper
252	100		
254	67.9	51.9	77.9
126	0.0	9.8	14.8#

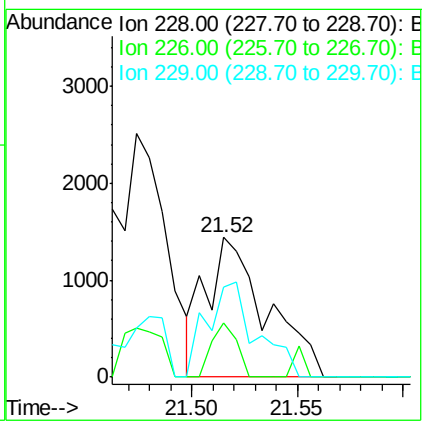


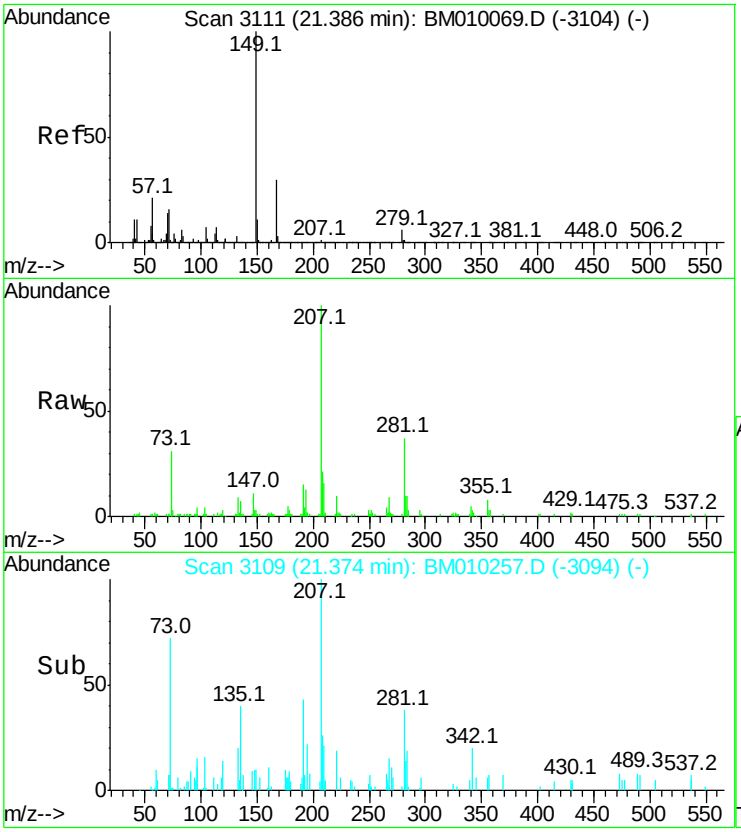


#82
Chrysene
Concen: 0.06 ng
RT: 21.52 min Scan# 3133
Delta R.T. -0.04 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion:228 Resp: 2863

Ion	Ratio	Lower	Upper
228	100		
226	38.6	24.1	36.1#
229	64.5	15.5	23.3#



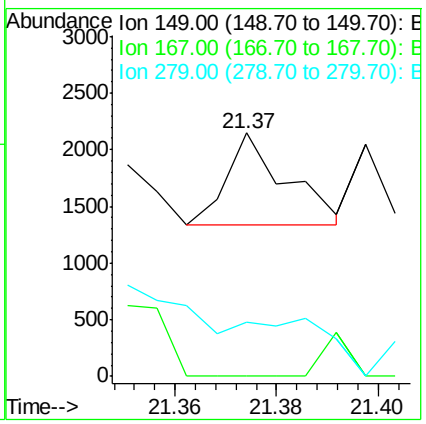


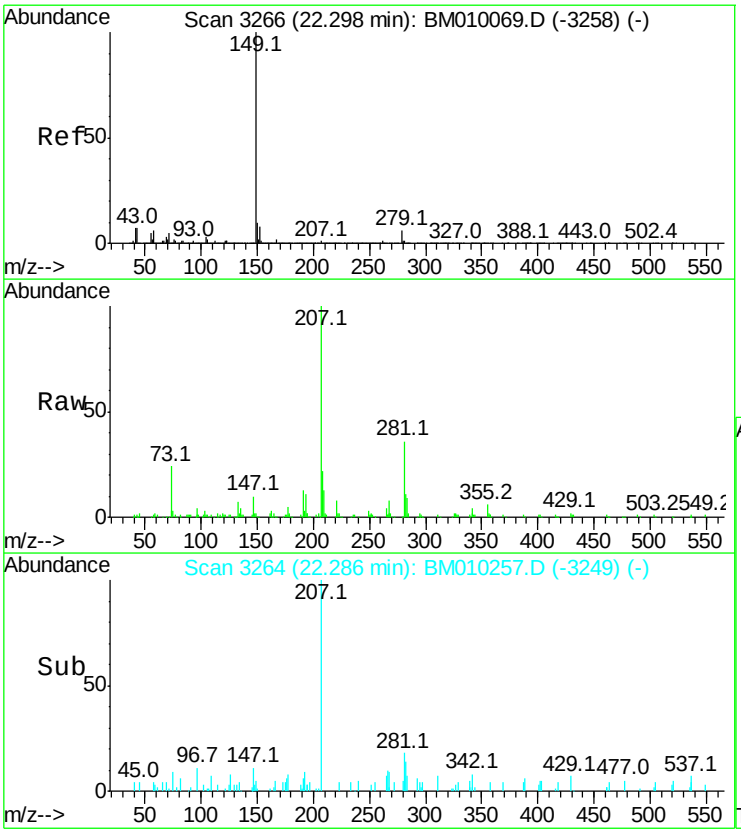
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.02 ng
RT: 21.37 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 657

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.4	33.6#
279	22.2	3.4	5.0#

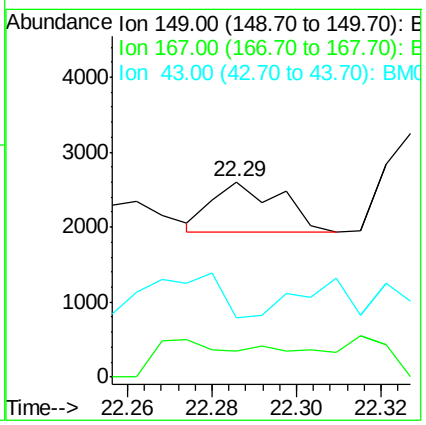


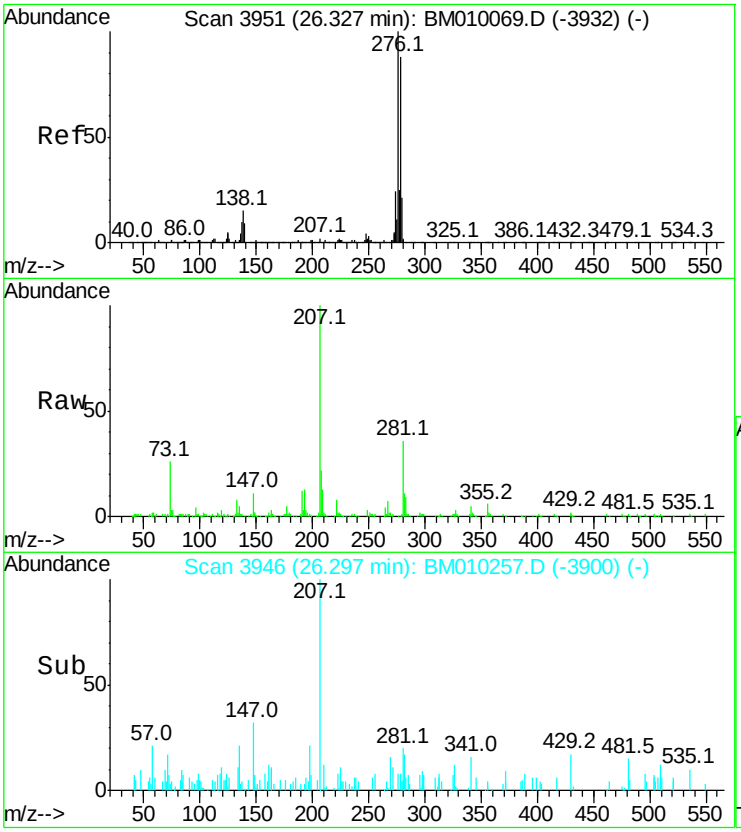


#84
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 22.29 min Scan# 3264
Delta R.T. -0.01 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion:149 Resp: 750

Ion	Ratio	Lower	Upper
149	100		
167	79.9	1.2	1.8#
43	87.9	7.3	10.9#



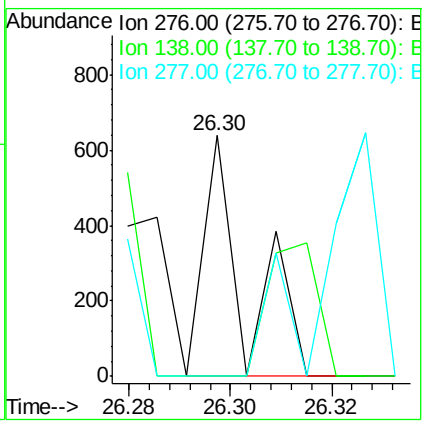


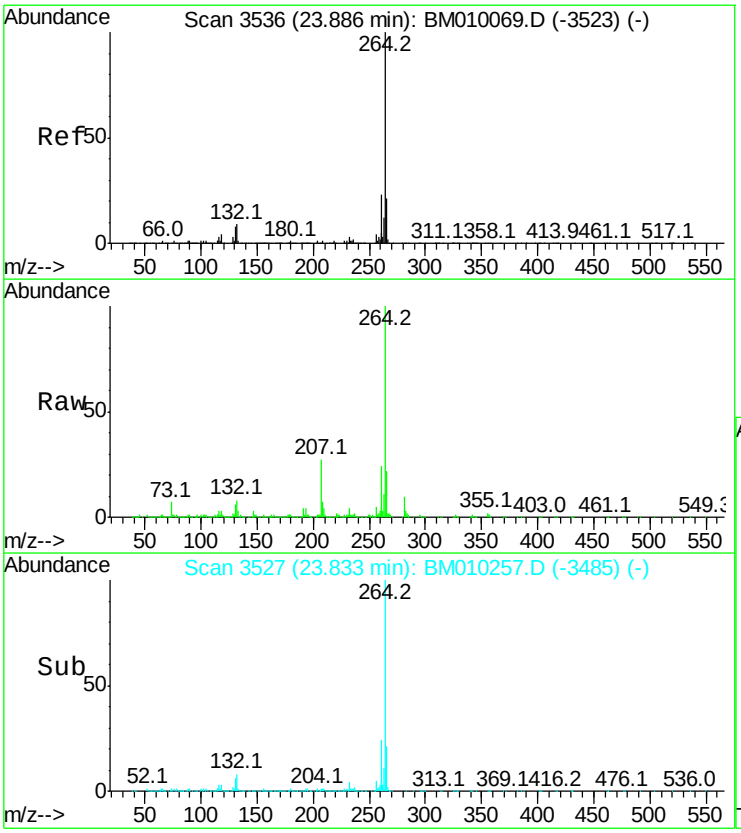
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.01 ng
RT: 26.30 min Scan# 3946
Delta R.T. -0.03 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 361

Ion	Ratio	Lower	Upper
276	100		
138	66.5	0.0	0.0#
277	0.0	0.0	0.0

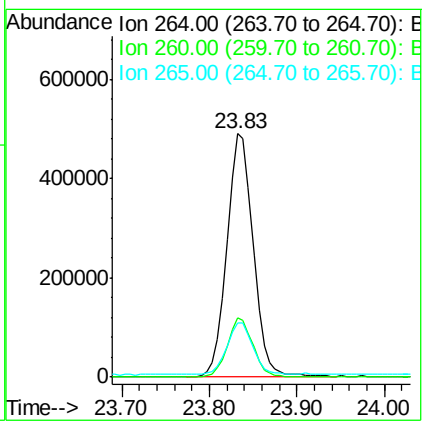


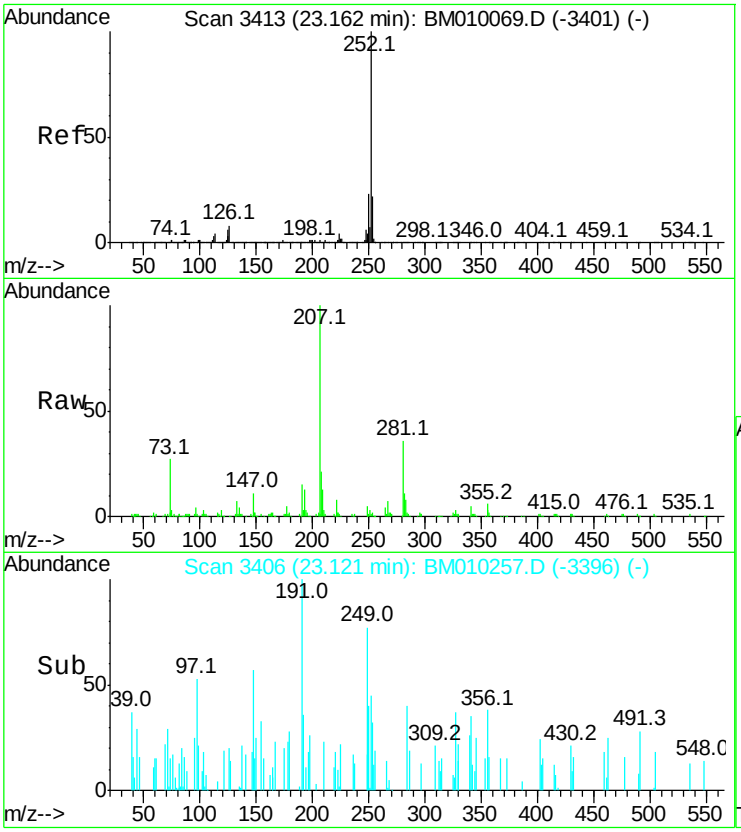


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.83 min Scan# 3527
Delta R.T. -0.05 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion:264 Resp: 1010330

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	22.4	17.3	25.9



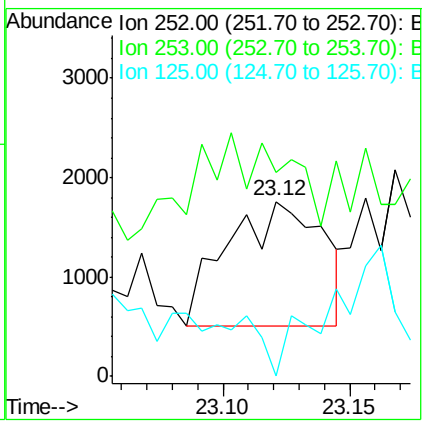


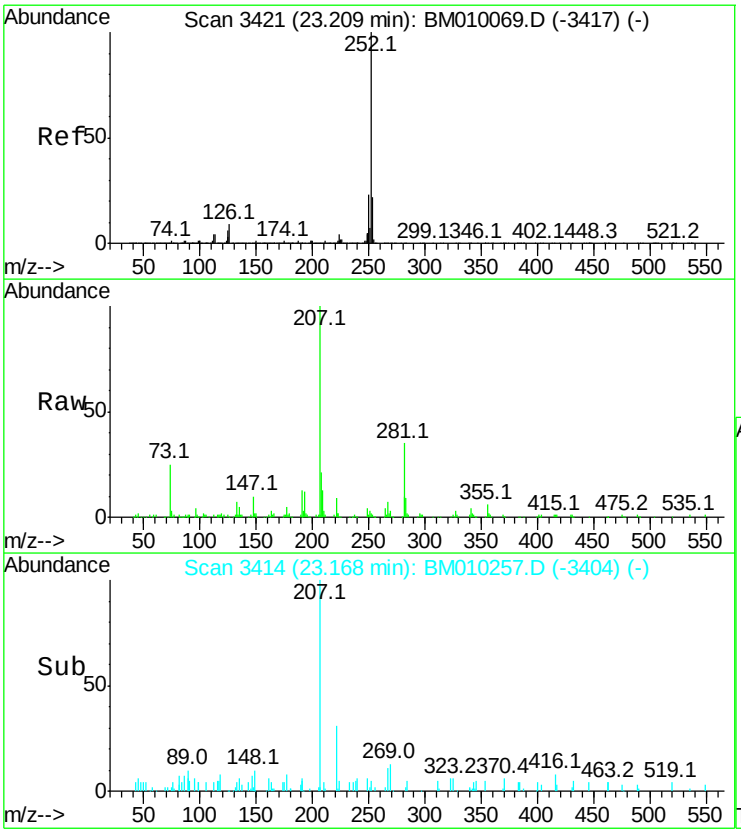
#87
Benzo(b)fluoranthene
Concen: 0.06 ng
RT: 23.12 min Scan# 3406
Delta R.T. -0.04 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3285

Ion	Ratio	Lower	Upper
252	100		
253	116.6	18.0	27.0#
125	24.3	9.9	14.9#

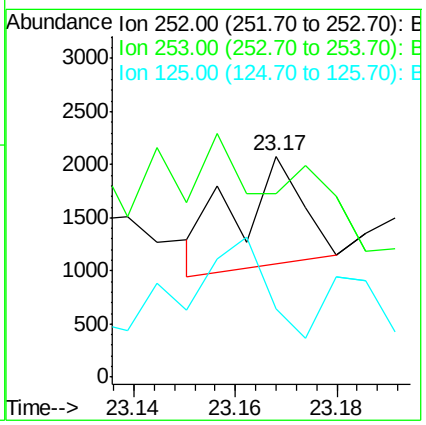


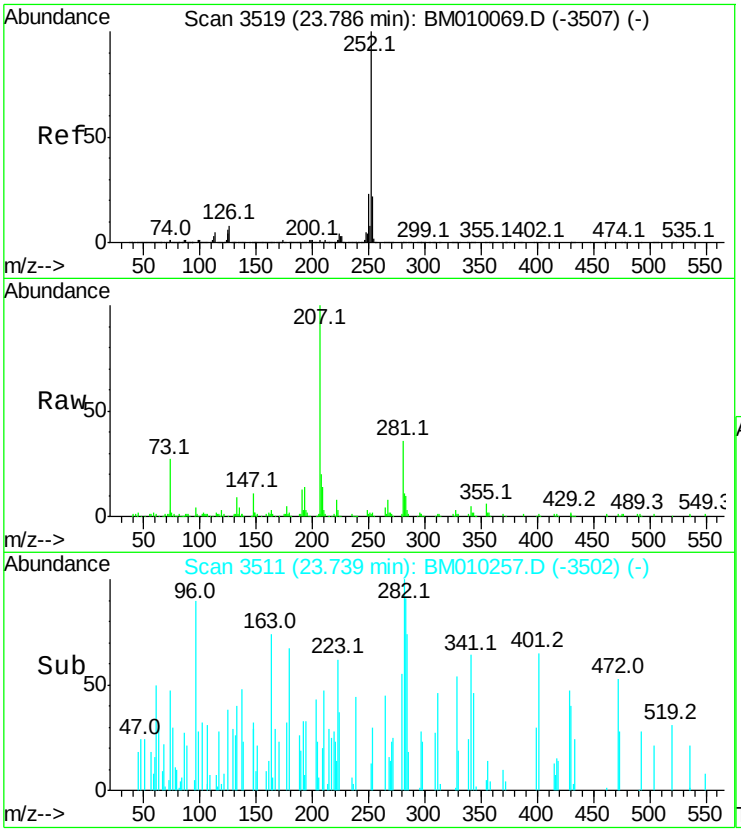


#88
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 23.17 min Scan# 3414
Delta R.T. -0.04 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion:252 Resp: 942

Ion	Ratio	Lower	Upper
252	100		
253	83.4	17.2	25.8#
125	31.0	8.1	12.1#



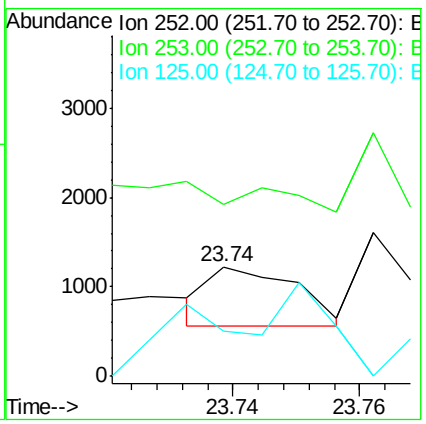


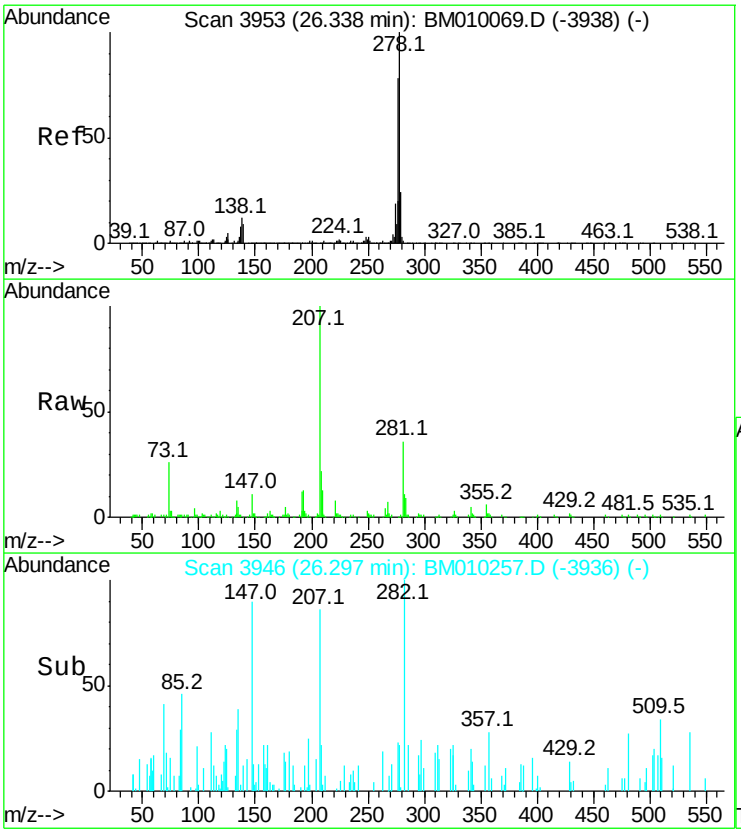
#89
Benzo(a)pyrene
Concen: 0.01 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.05 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 633

Ion	Ratio	Lower	Upper
252	100		
253	156.8	17.6	26.4#
125	41.7	7.4	11.2#

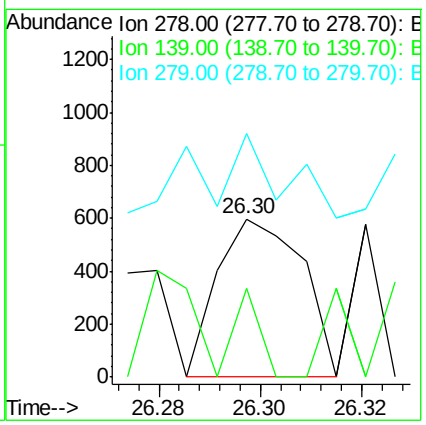


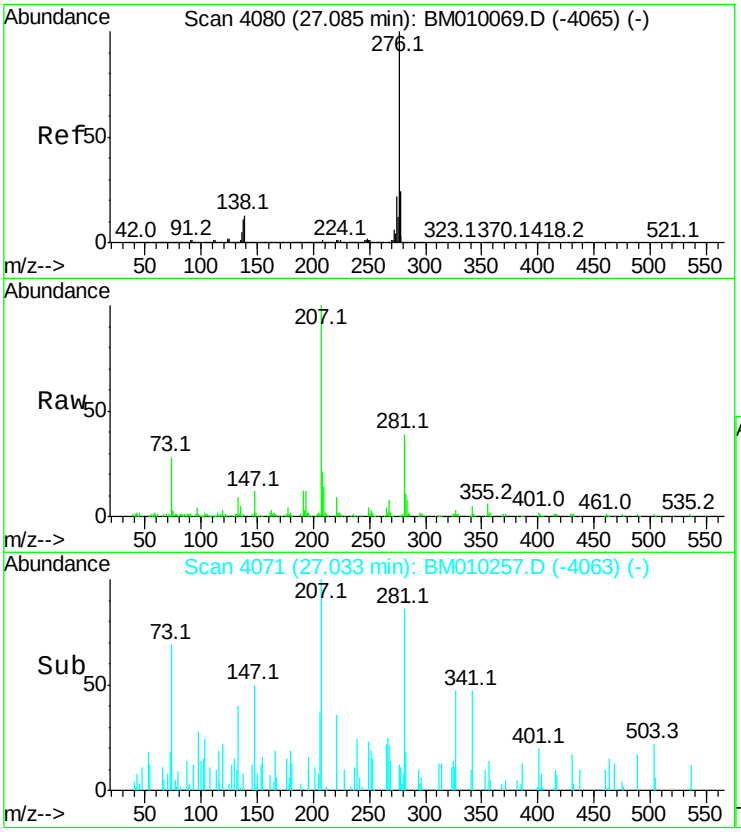


#90
Dibenzo(a,h)anthracene
Concen: 0.01 ng
RT: 26.30 min Scan# 3946
Delta R.T. -0.04 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion:278 Resp: 695

Ion	Ratio	Lower	Upper
278	100		
139	55.9	13.4	20.0#
279	153.8	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 0.01 ng
RT: 27.03 min Scan# 4071
Delta R.T. -0.05 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 350

Ion	Ratio	Lower	Upper
276	100		
277	86.3	18.5	27.7#
138	0.0	19.0	28.6#