Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052517\
Data File : BM010229.D
Acq On : 25 May 2017 22:20
Operator : SJ/MA
Sample : I3331-16MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 26 05:17:35 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	7.95	152	123954	20.00	ng		-0.03
21) Naphthalene-d8	10.75	136	409582	20.00	ng		-0.04
38) Acenaphthene-d10	14.57	164	91625	20.00	ng		-0.04
63) Phenanthrene-d10	17.32	188	333198	20.00	ng		-0.03
75) Chrysene-d12	21.48	240	113074	20.00	ng		-0.03
86) Perylene-d12	23.84	264	5032	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	953648	138.93	ng		-0.03
7) Phenol-d6	7.13	99	588390	66.62	ng		-0.04
23) Nitrobenzene-d5	9.13	82	890541	117.30	ng		-0.04
41) 2,4,6-Tribromophenol	16.07	330	591895	425.34	ng		-0.03
44) 2-Fluorobiphenyl	13.20	172	2167590	304.13	ng		-0.04
78) Terphenyl-d14	19.92	244	1790316	360.01	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	132849	42.12	ng	#	100
4) n-Nitrosodimethylamine	3.77	42	48886	16.01	ng	#	72
8) 2-Chlorophenol	7.52	128	311911	41.77	ng		94
9) Benzaldehyde	7.11	77	90246	16.41	ng		87
10) Phenol	7.16	94	238091	25.58	ng		95
11) bis(2-Chloroethyl)ether	7.38	93	288985	41.65	ng		96
12) 1,3-Dichlorobenzene	7.83	146	356777	37.59	ng	#	91
13) 1,4-Dichlorobenzene	7.98	146	358768	36.80	ng		95
14) 1,2-Dichlorobenzene	8.30	146	358263	38.28	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.47	45	239847	35.16	ng		73
17) 2-Methylphenol	8.40	107	156376	23.61	ng	#	81
18) Hexachloroethane	9.02	117	122050	38.62	ng	#	74
19) n-Nitroso-di-n-propylamine	8.75	70	96333	15.45	ng	#	95
20) 3+4-Methylphenols	8.73	107	186820	20.89	ng		85
22) Acetophenone	8.78	105	485758	46.27	ng	#	95
24) Nitrobenzene	9.17	77	423723	54.18	ng		93
25) Isophorone	9.68	82	511299	38.98	ng	#	92
26) 2-Nitrophenol	9.87	139	165226	50.12	ng	#	56
27) 2,4-Dimethylphenol	9.93	122	150514	25.29	ng	#	77
28) bis(2-Chloroethoxy)methane	10.16	93	34201	4.11	ng		99
29) 2,4-Dichlorophenol	10.40	162	339946	49.60	ng		96
30) 1,2,4-Trichlorobenzene	10.60	180	413519	46.64	ng		97
31) Naphthalene	10.80	128	986098	45.01	ng		99
32) Benzoic acid	10.07	122	145475	35.86	ng	#	77
34) Hexachlorobutadiene	11.05	225	283697	47.96	ng		98
35) Caprolactam	11.85	113	13257	6.74	ng	#	82
36) 4-Chloro-3-methylphenol	12.05	107	217397	29.29	ng	#	83
37) 2-Methylnaphthalene	12.40	142	719938	45.64	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	487965	138.49	ng	#	100
40) Hexachlorocyclopentadiene	12.72	237	688661	338.51	ng		97
42) 2,4,6-Trichlorophenol	13.02	196	307742	148.29	ng		99
43) 2,4,5-Trichlorophenol	13.09	196	311712	135.93	ng	#	93
45) 1,1'-Biphenyl	13.41	154	996349	132.23	ng		99
46) 2-Chloronaphthalene	13.46	162	781742	128.15	ng		96

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Misc :
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Instrument : BNA_M
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Quant Time: May 26 05:17:35 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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	13.70	65	32168	20.51	ng	#	77
48) Acenaphthylene	14.30	152	196765	21.81	ng		97
49) Dimethylphthalate	14.04	163	505090	61.80	ng	#	98
50) 2,6-Dinitrotoluene	14.17	165	207643	133.80	ng	#	78
51) Acenaphthene	14.64	154	297669	53.08	ng		100
53) 2,4-Dinitrophenol	14.72	184	259524	238.09	ng	#	87
54) Dibenzofuran	14.98	168	1121919	127.23	ng		97
55) 4-Nitrophenol	14.84	139	185095	159.45	ng	#	15
56) 2,4-Dinitrotoluene	14.96	165	279794	127.43	ng		88
57) Fluorene	15.62	166	710851	92.70	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.20	232	293774	150.41	ng	#	100
59) Diethylphthalate	15.39	149	392977	50.86	ng		96
60) 4-Chlorophenyl-phenylether	15.62	204	533445	123.90	ng		98
62) Azobenzene	15.90	77	76402	13.45	ng		91
64) 4,6-Dinitro-2-methylphenol	15.70	198	164688	80.91	ng		82
65) n-Nitrosodiphenylamine	15.84	169	55575	5.57	ng		93
66) 4-Bromophenyl-phenylether	16.51	248	331243	77.66	ng		96
67) Hexachlorobenzene	16.60	284	402089	77.59	ng		96
69) Pentachlorophenol	16.97	266	479230	168.36	ng		98
70) Phenanthrene	17.36	178	1146177	61.48	ng		99
71) Anthracene	17.46	178	648182	35.04	ng		99
72) Carbazole	17.74	167	41771	2.55	ng		99
73) Di-n-butylphthalate	18.26	149	468207	24.11	ng	#	98
74) Fluoranthene	19.37	202	525745	21.72	ng		96
77) Pyrene	19.73	202	610744	100.74	ng		99
79) Butylbenzylphthalate	20.60	149	11346	5.06	ng	#	91
80) Benzo(a)anthracene	21.46	228	364663	58.52	ng		97
82) Chrysene	21.52	228	608728	102.99	ng		99
83) Bis(2-ethylhexyl)phthalate	21.35	149	292387	87.12	ng	#	97
84) Di-n-octyl phthalate	22.26	149	430297	71.62	ng	#	98
85) Indeno(1,2,3-cd)pyrene	26.24	276	263316	30.38	ng	#	100
87) Benzo(b)fluoranthene	23.11	252	347939	1181.47	ng	#	92
88) Benzo(k)fluoranthene	23.17	252	256017	887.32	ng	#	94
89) Benzo(a)pyrene	23.73	252	263497	938.96	ng	#	94
90) Dibenzo(a,h)anthracene	26.26	278	328640	1047.27	ng	#	89
91) Benzo(g,h,i)perylene	27.00	276	390266	1269.22	ng	#	85

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

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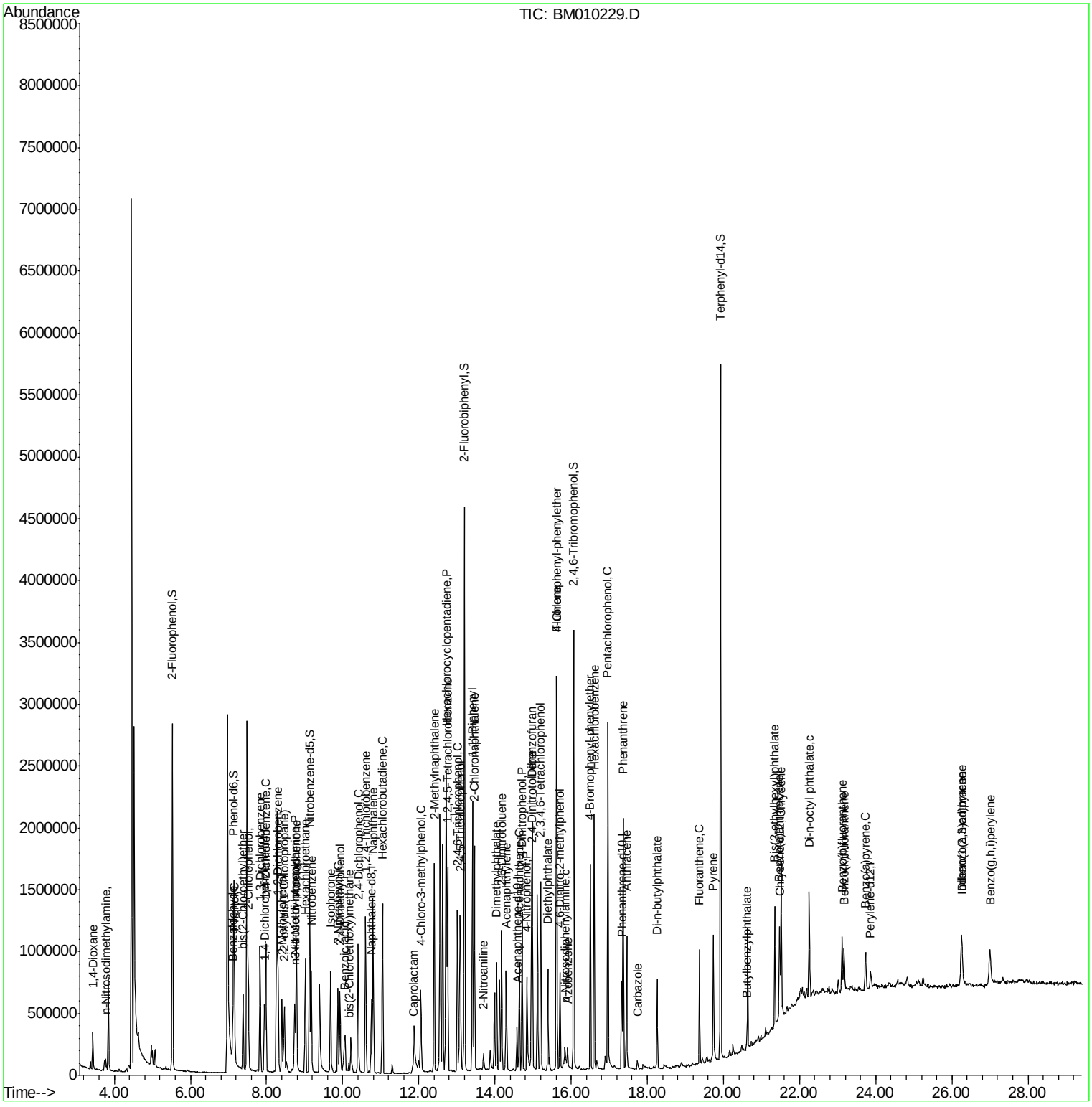
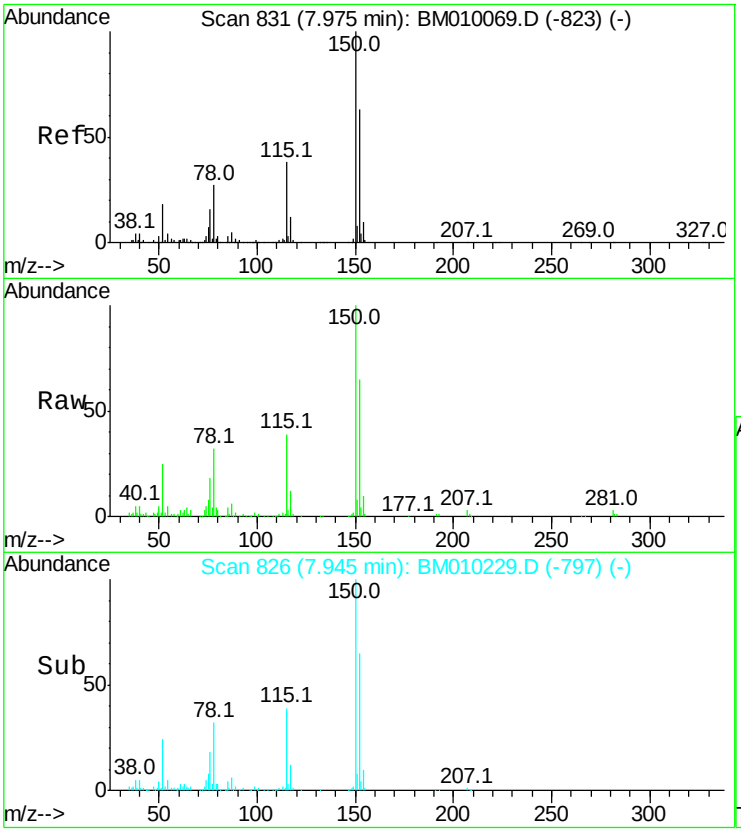


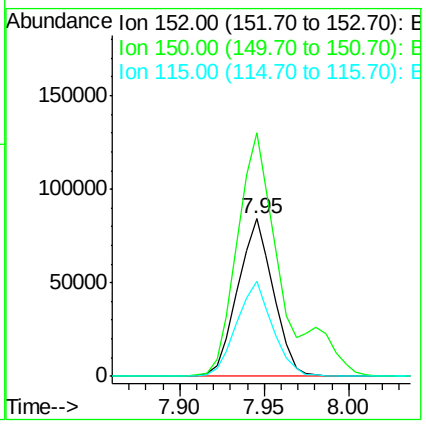


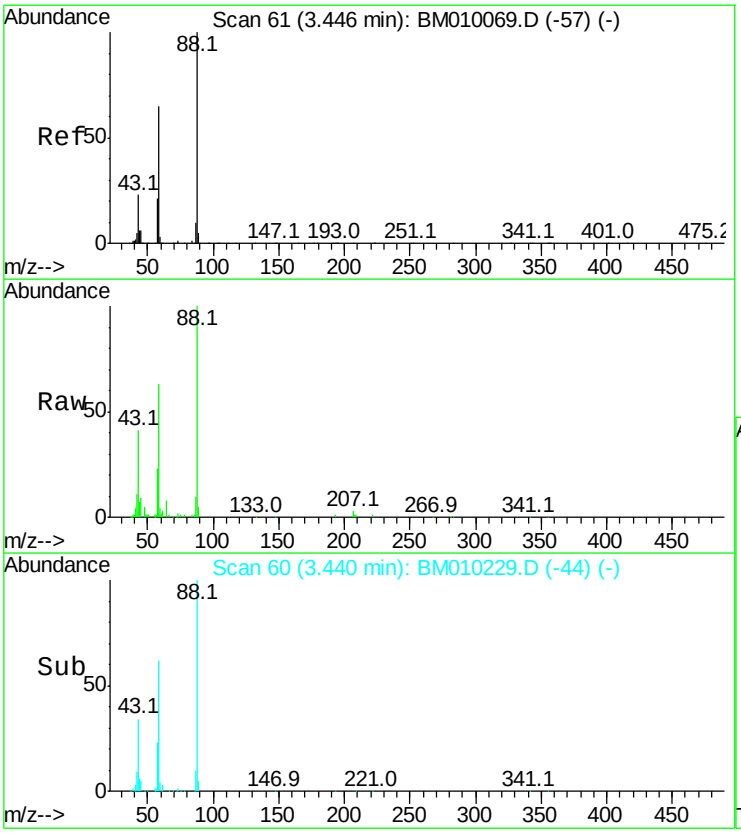
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 826
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 123954

Ion	Ratio	Lower	Upper
152	100		
150	154.7	119.5	179.3
115	60.1	43.0	64.4

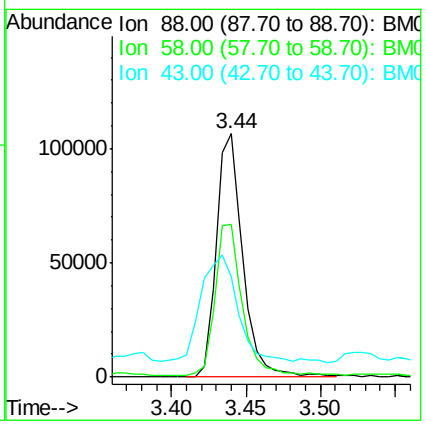


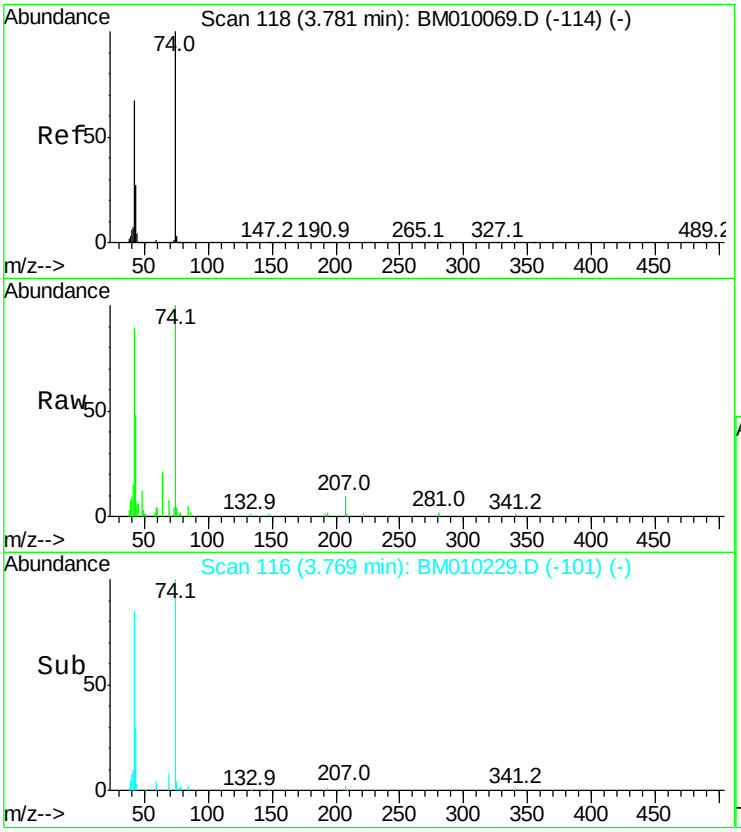


#2
1,4-Dioxane
Concen: 42.12 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.01 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion: 88 Resp: 132849

Ion	Ratio	Lower	Upper
88	100		
58	63.9	0.0	0.0#
43	59.9	0.0	0.0#



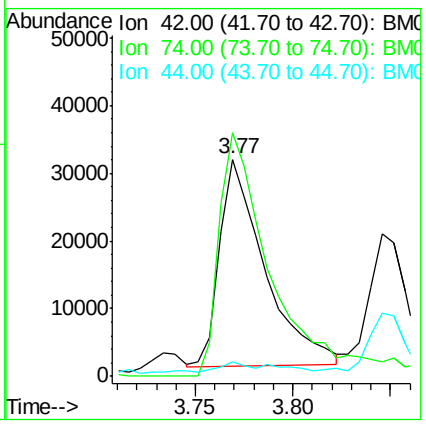


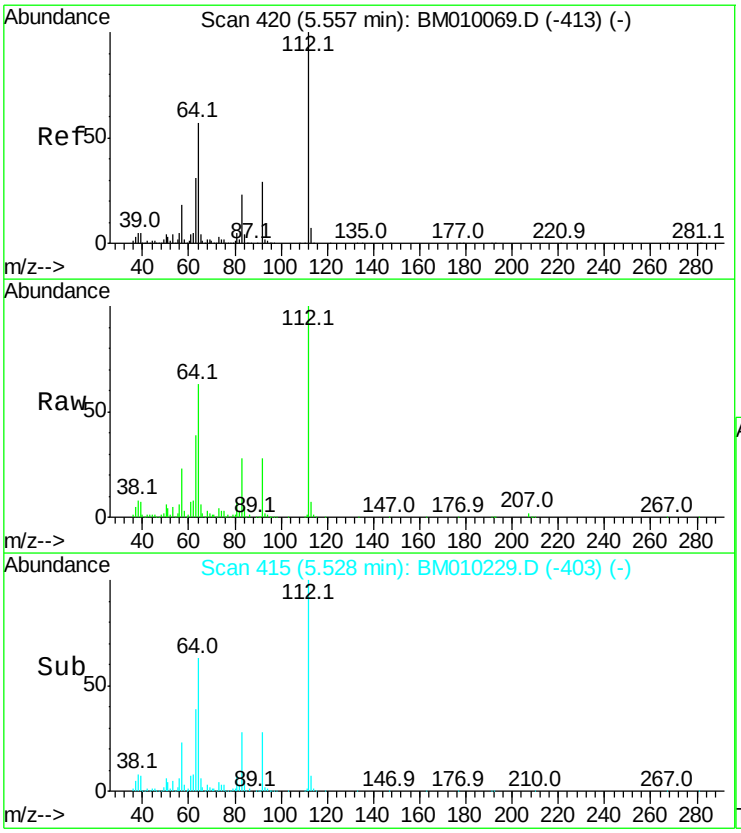
#4
n-Nitrosodimethylamine
Concen: 16.01 ng
RT: 3.77 min Scan# 116
Delta R.T. -0.01 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 48886

Ion	Ratio	Lower	Upper
42	100		
74	112.0	119.3	178.9#
44	6.6	5.4	8.2

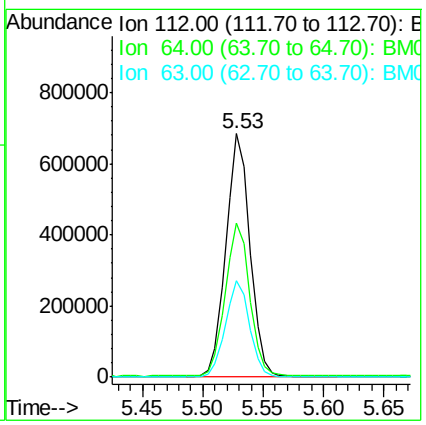


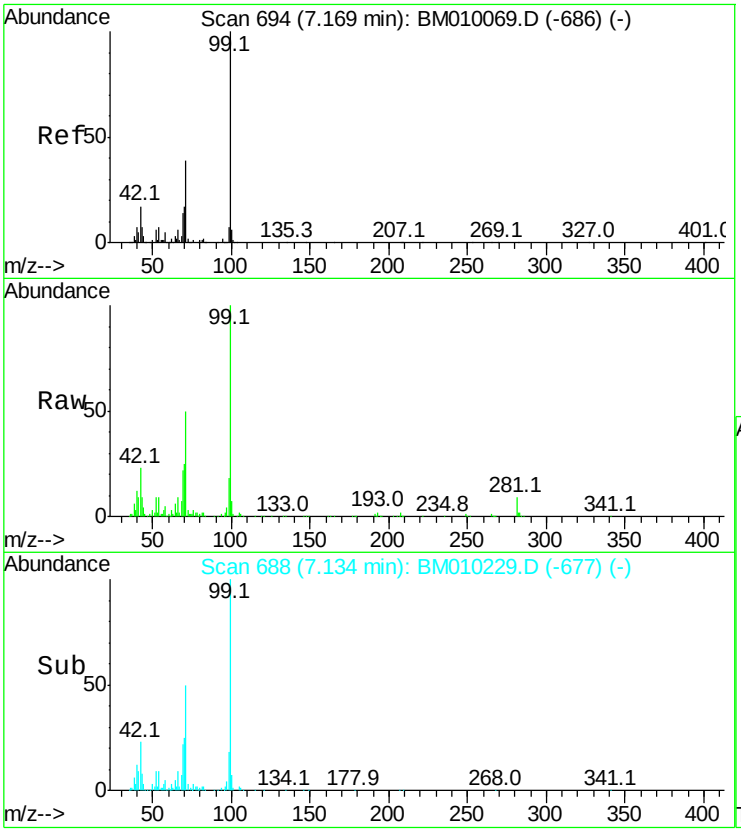


#5
2-Fluorophenol
Concen: 138.93 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:112 Resp: 953648

Ion	Ratio	Lower	Upper
112	100		
64	63.4	38.6	57.8#
63	39.4	19.3	28.9#



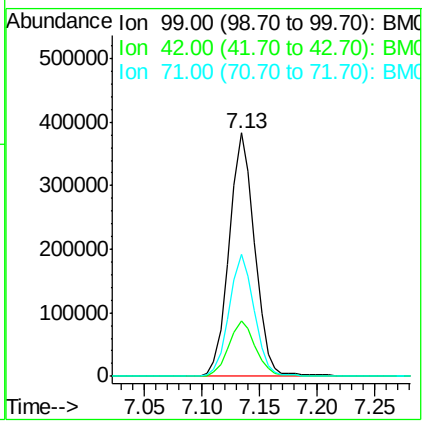


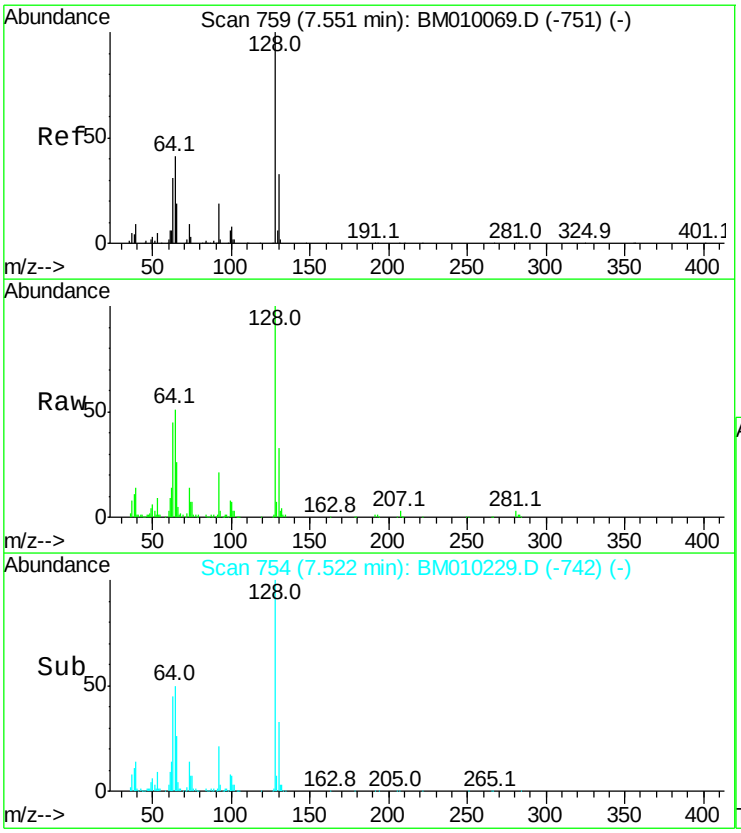
#7
Phenol-d6
Concen: 66.62 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 588390

Ion	Ratio	Lower	Upper
99	100		
42	23.0	11.0	16.4#
71	50.0	23.4	35.2#

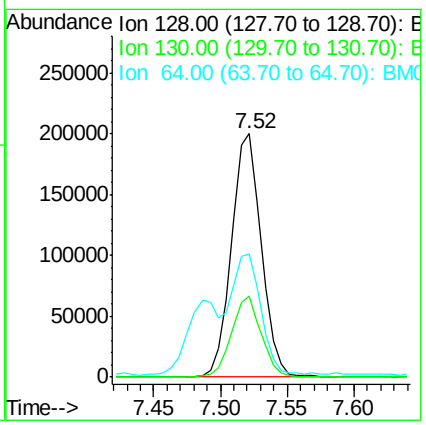


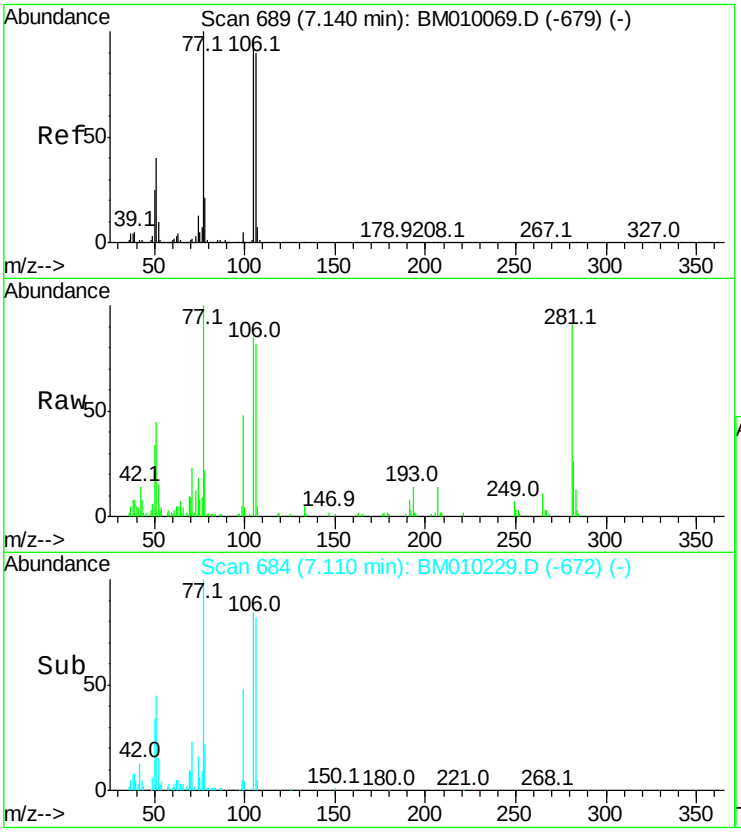


#8
2-Chlorophenol
Concen: 41.77 ng
RT: 7.52 min Scan# 754
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:128 Resp: 311911

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.0	52.0
64	50.8	24.9	64.9

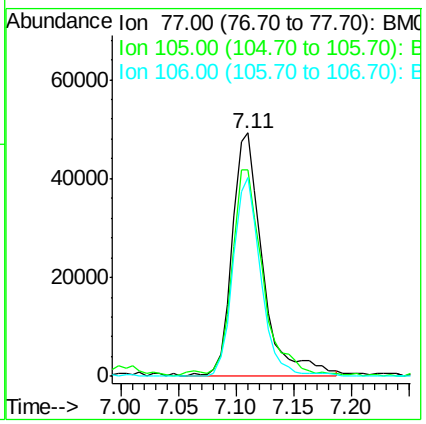




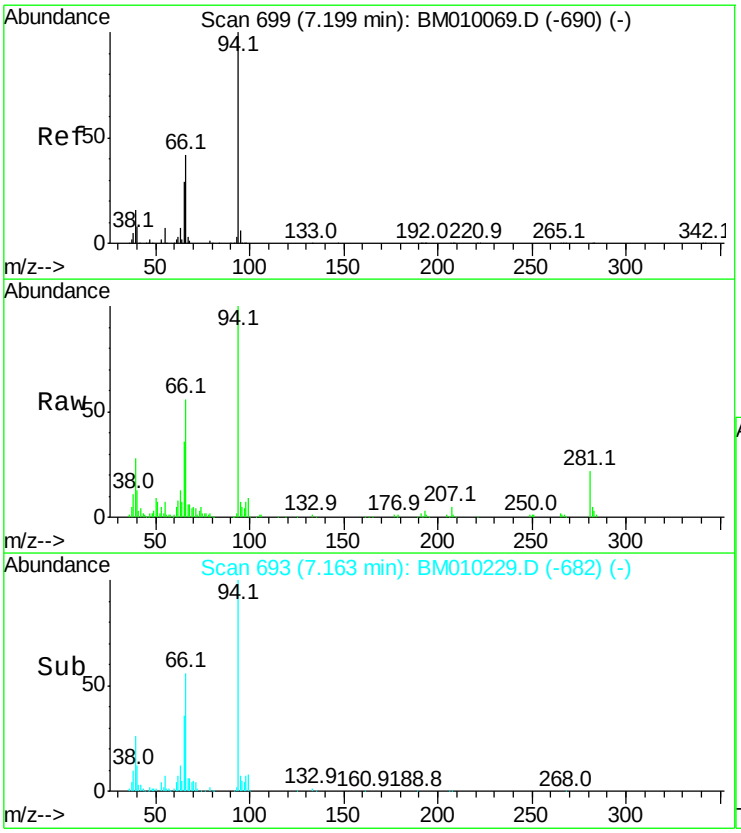
#9
Benzaldehyde
Concen: 16.41 ng
RT: 7.11 min Scan# 684
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion: 77 Resp: 90246

Ion	Ratio	Lower	Upper
77	100		
105	84.9	78.8	118.8
106	81.6	73.7	113.7



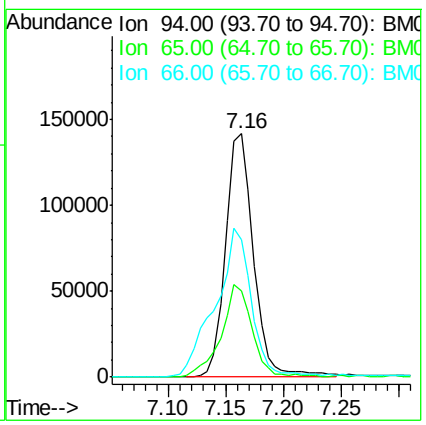
Instrument :
BNA_M
ClientSampleId :

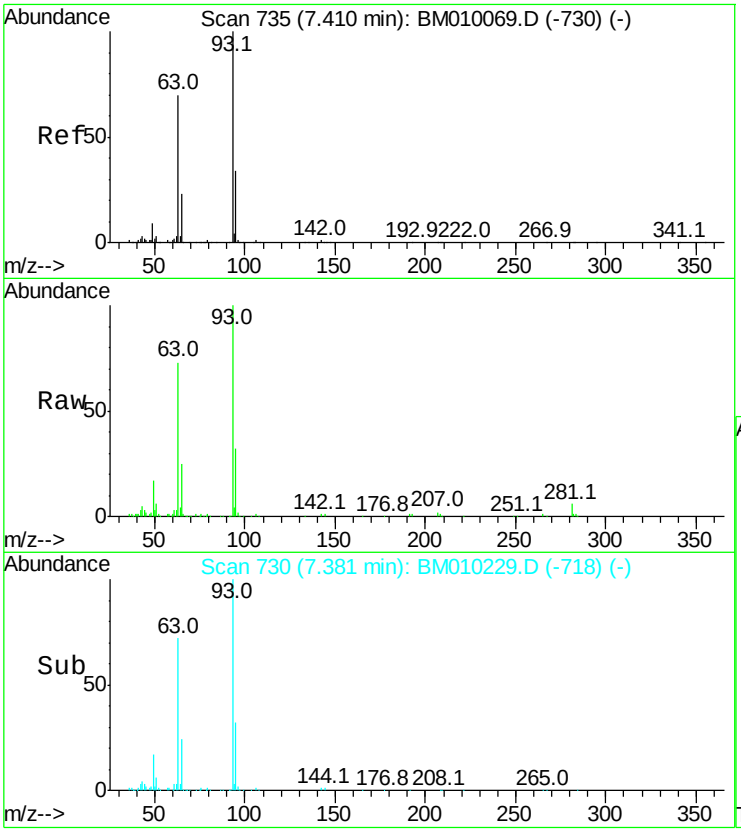


#10
Phenol
Concen: 25.58 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion: 94 Resp: 238091

Ion	Ratio	Lower	Upper
94	100		
65	35.5	18.8	58.8
66	56.5	39.9	79.9



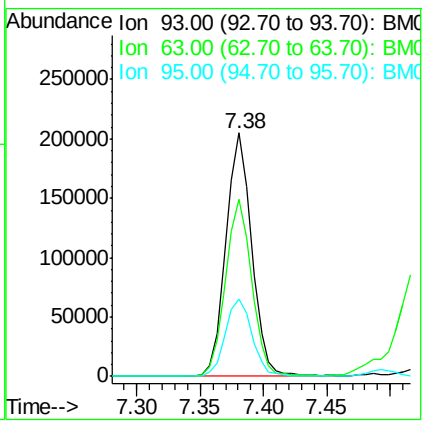


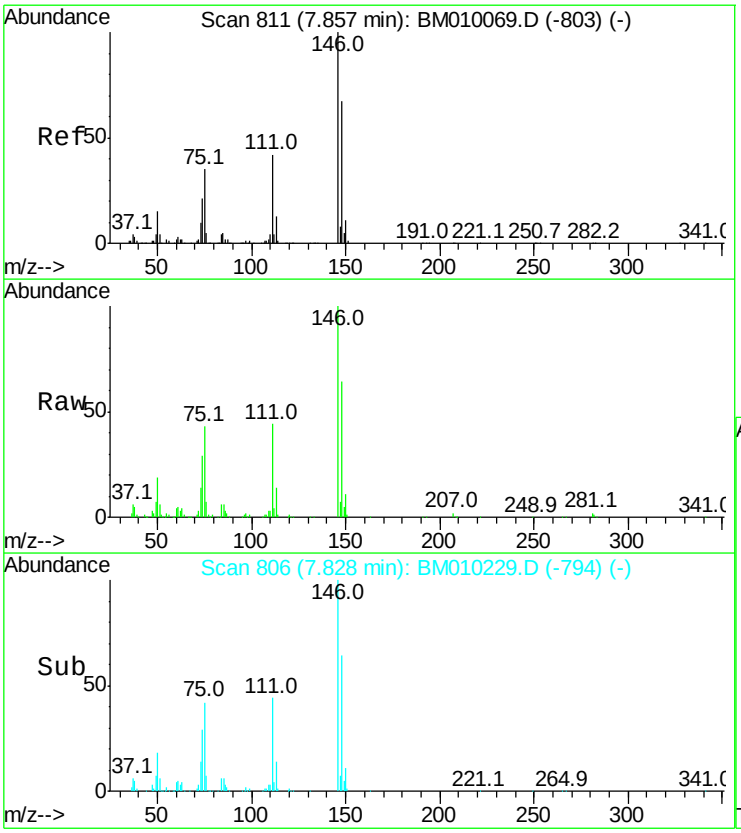
#11
bis(2-Chloroethyl)ether
Concen: 41.65 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 93 Resp: 288985

Ion	Ratio	Lower	Upper
93	100		
63	72.6	49.5	89.5
95	31.7	13.5	53.5

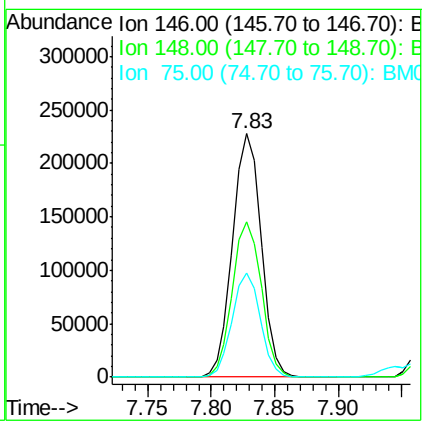


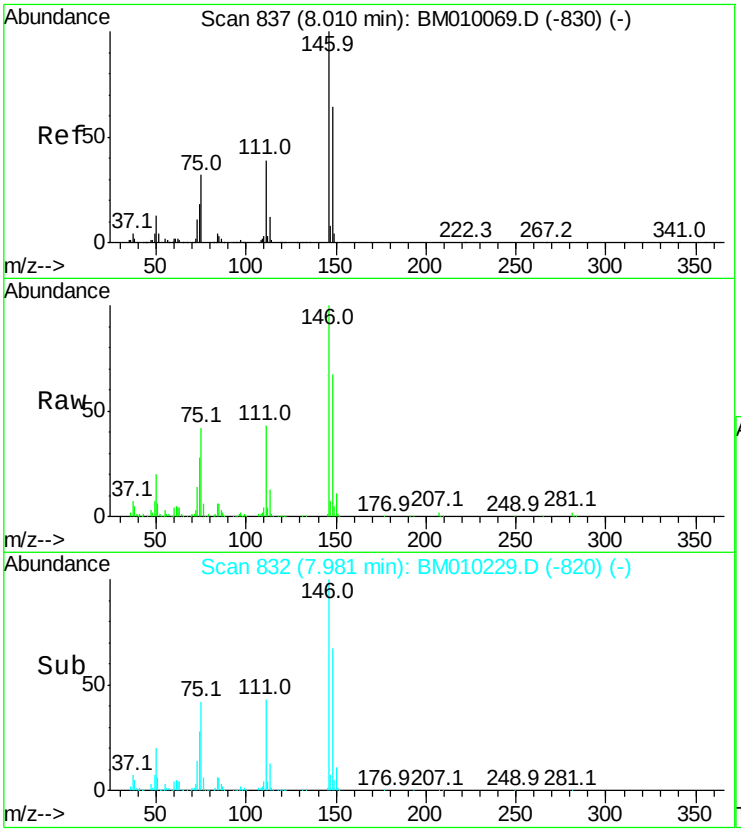


#12
1,3-Dichlorobenzene
Concen: 37.59 ng
RT: 7.83 min Scan# 806
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:146 Resp: 356777

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.9	76.3
75	42.7	21.4	32.2#



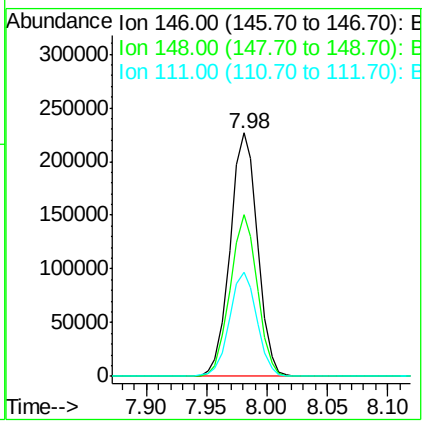


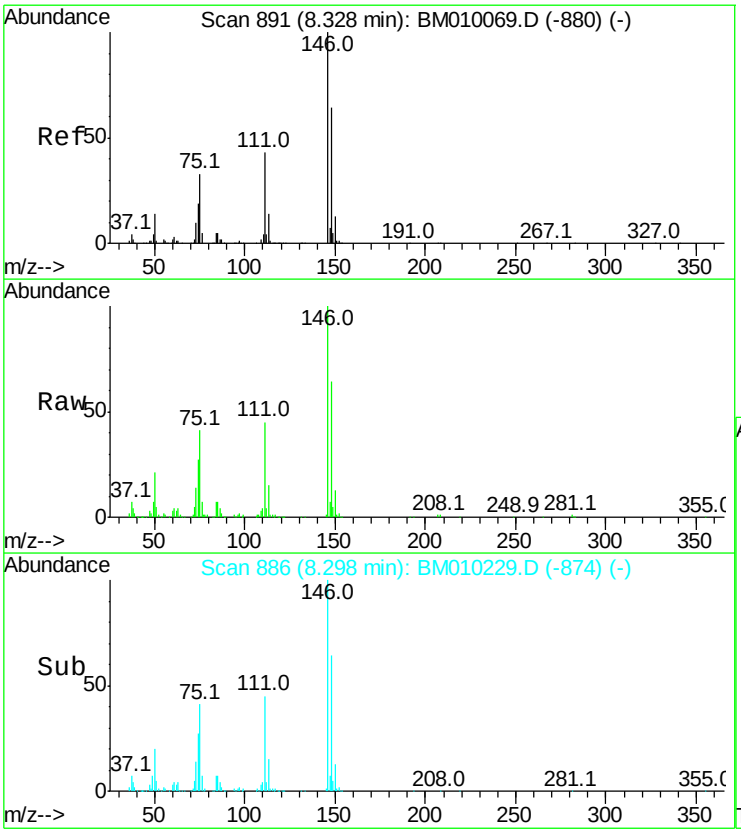
#13
1,4-Dichlorobenzene
Concen: 36.80 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:146 Resp: 358768

Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.9	77.9
111	42.9	29.2	43.8

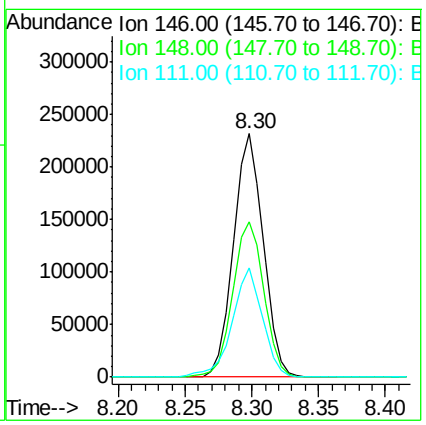


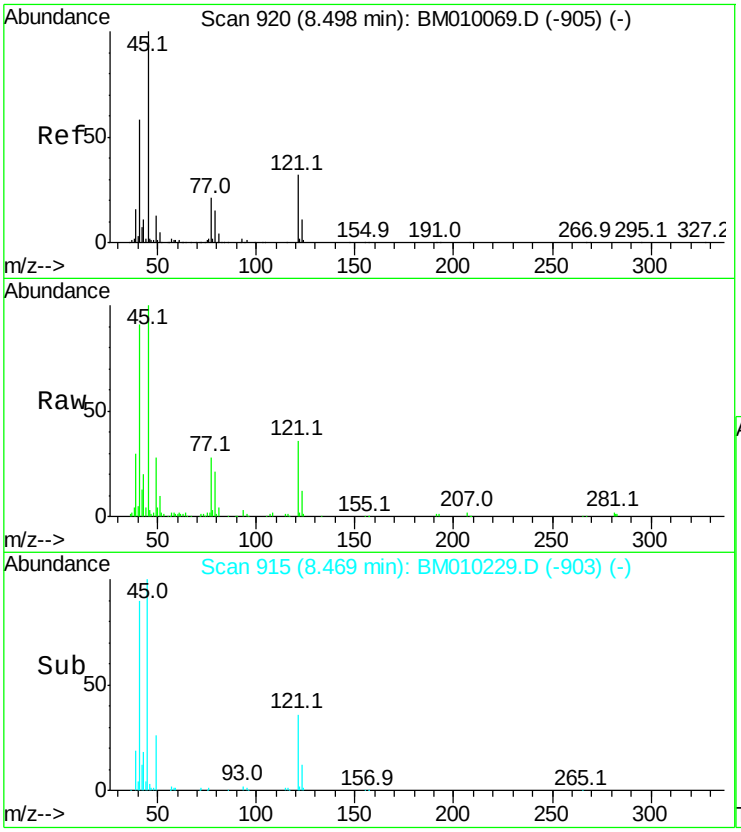


#14
1,2-Dichlorobenzene
Concen: 38.28 ng
RT: 8.30 min Scan# 886
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:146 Resp: 358263

Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.3	78.5
111	45.0	30.6	45.8



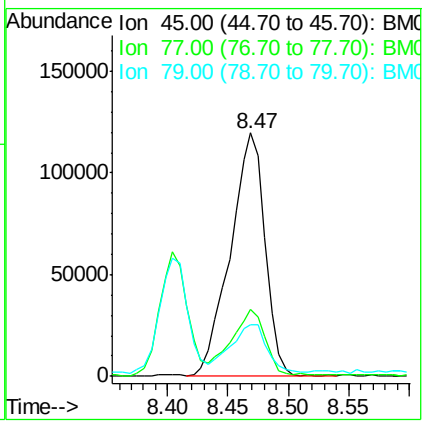


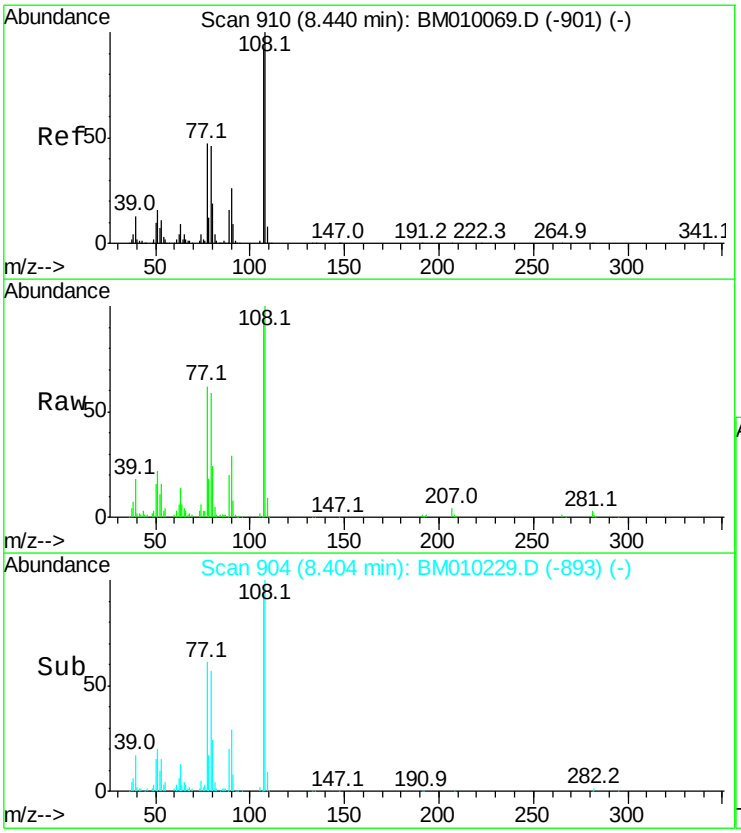
#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.16 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 45 Resp: 239847

Ion	Ratio	Lower	Upper
45	100		
77	27.7	0.0	35.2
79	21.0	0.0	32.0

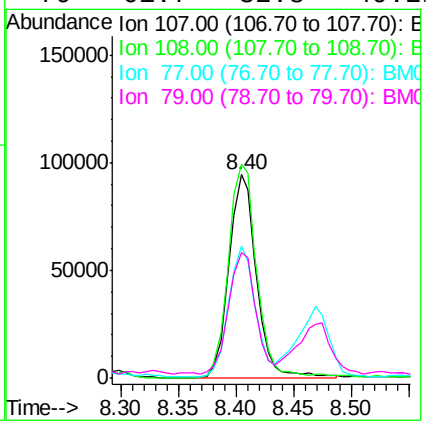


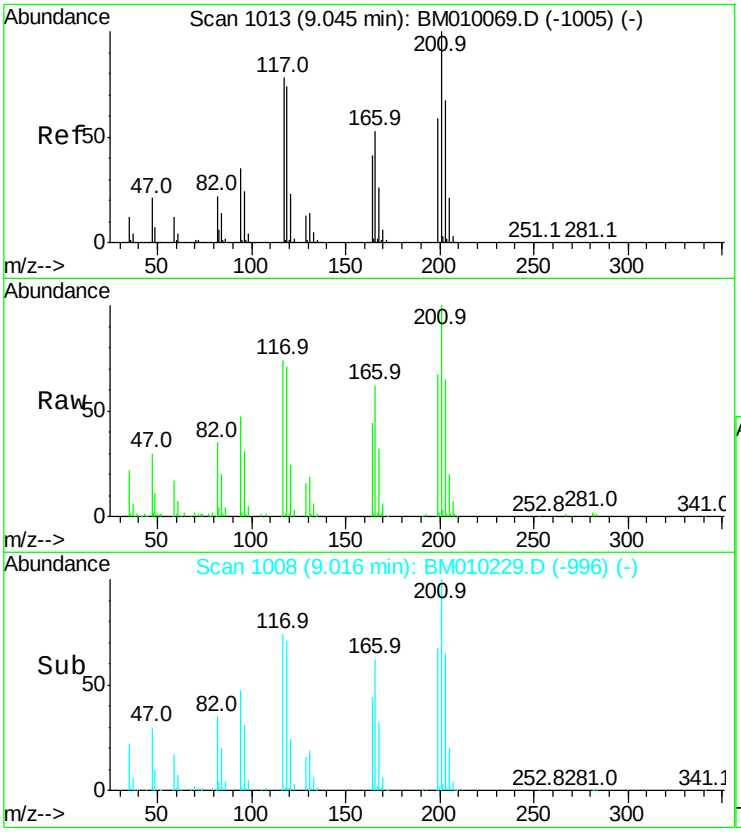


#17
2-Methylphenol
Concen: 23.61 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:107 Resp: 156376

Ion	Ratio	Lower	Upper
107	100		
108	105.0	89.8	134.8
77	65.1	32.6	48.8#
79	61.7	32.8	49.2#



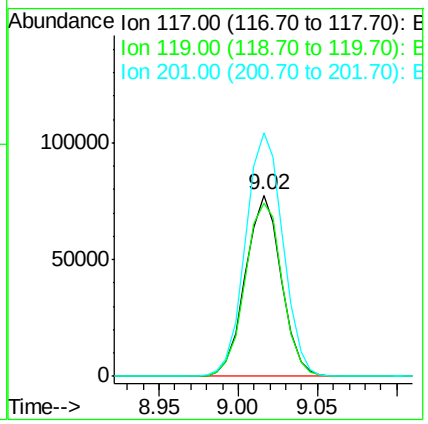


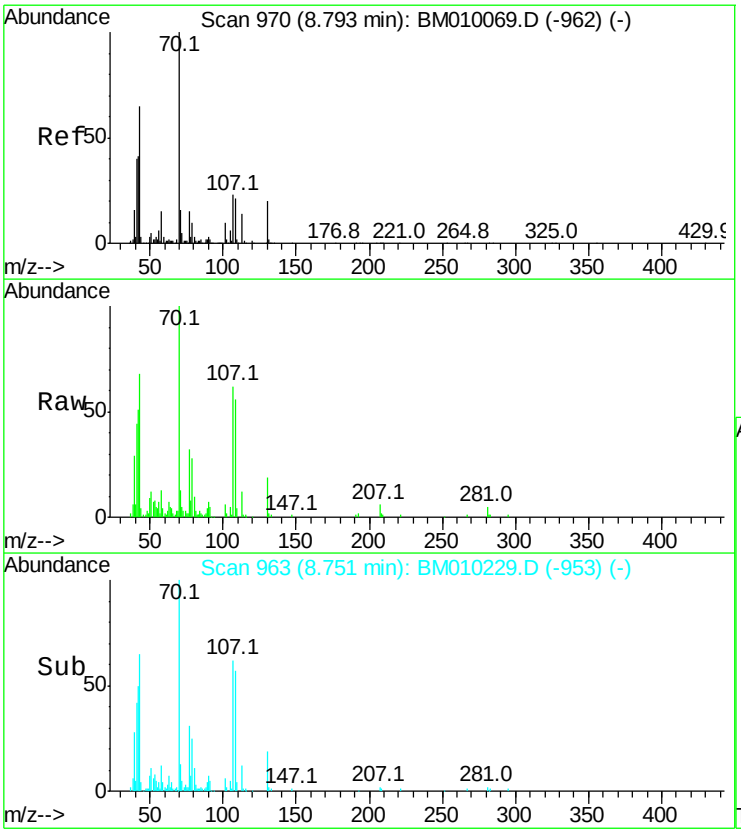
#18
Hexachloroethane
Concen: 38.62 ng
RT: 9.02 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 122050

Ion	Ratio	Lower	Upper
117	100		
119	95.7	79.2	118.8
201	134.4	69.8	104.6#

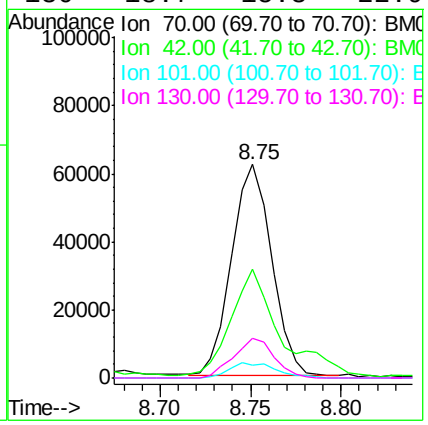


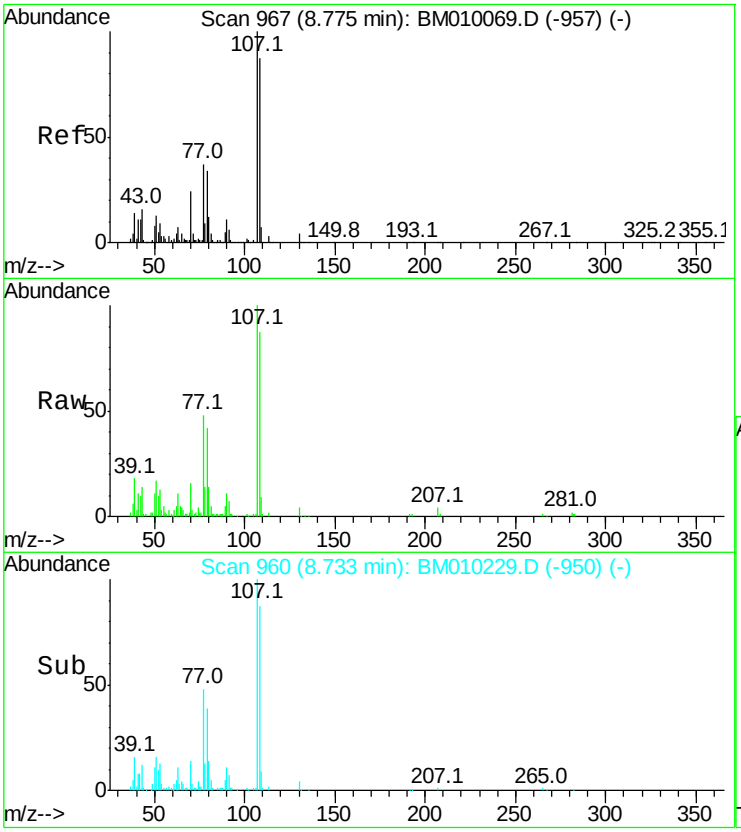


#19
n-Nitroso-di-n-propylamine
Concen: 15.45 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion: 70 Resp: 96333

Ion	Ratio	Lower	Upper
70	100		
42	51.0	44.5	66.7
101	6.1	7.4	11.2#
130	18.7	15.3	22.9



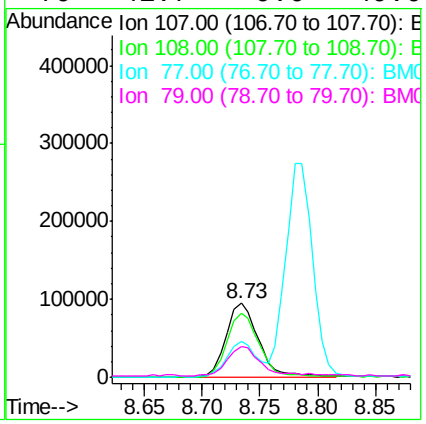


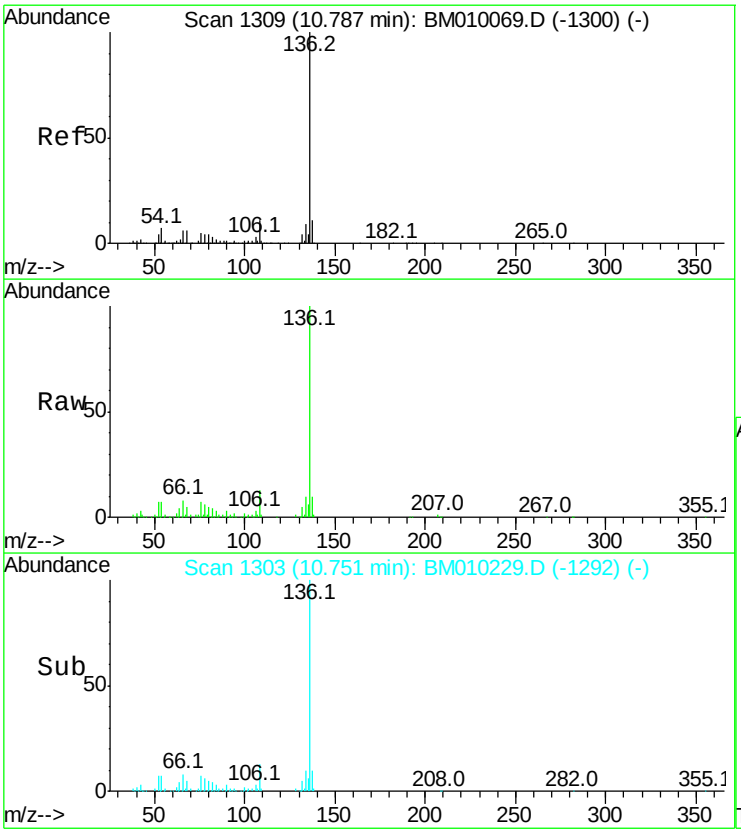
#20
3+4-Methylphenols
Concen: 20.89 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 186820

Ion	Ratio	Lower	Upper
107	100		
108	86.8	73.2	113.2
77	48.0	10.7	50.7
79	41.7	9.6	49.6

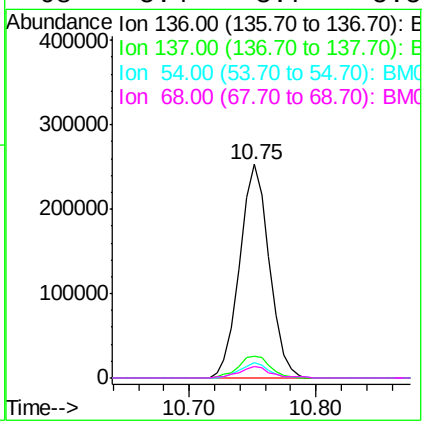


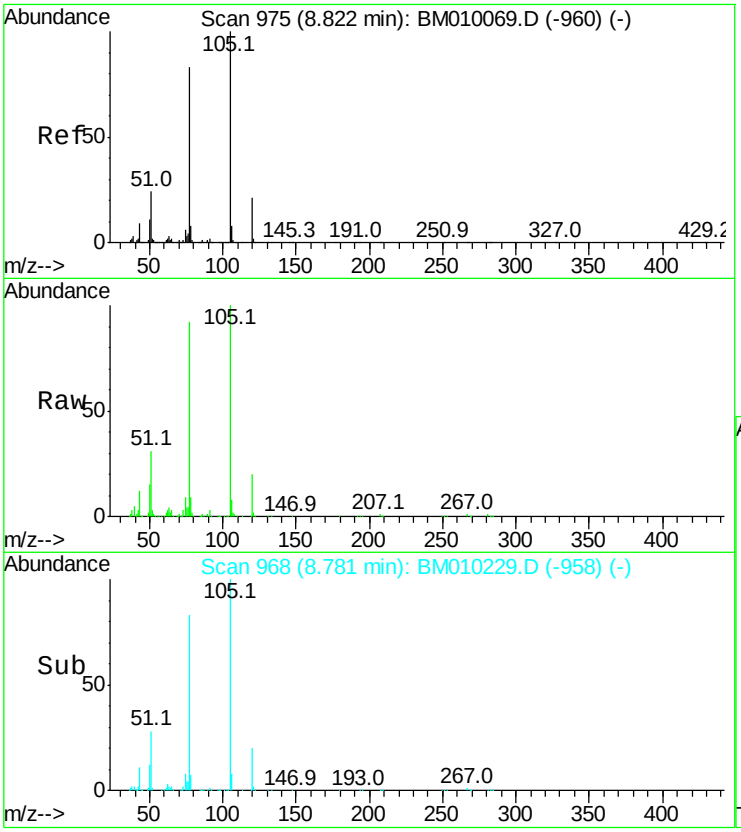


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:136 Resp: 409582

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	7.0	4.6	6.8#
68	5.4	3.7	5.5



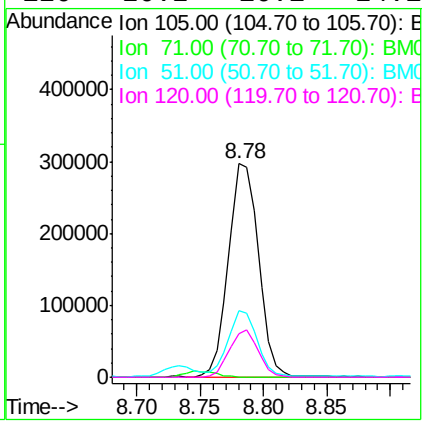


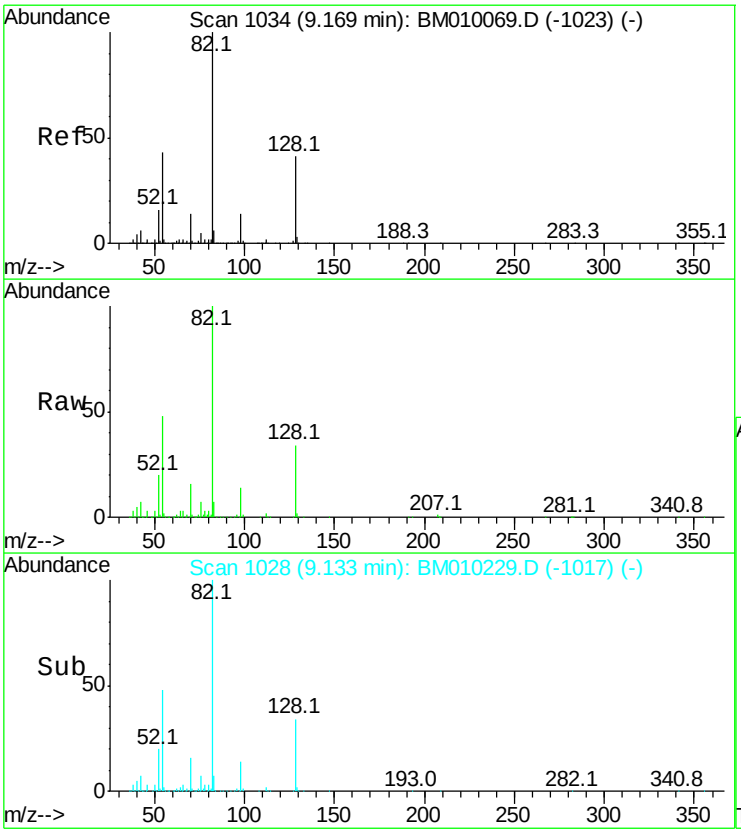
#22
Acetophenone
Concen: 46.27 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 485758

Ion	Ratio	Lower	Upper
105	100		
71	0.1	0.6	1.0#
51	31.1	21.6	32.4
120	20.2	16.1	24.1

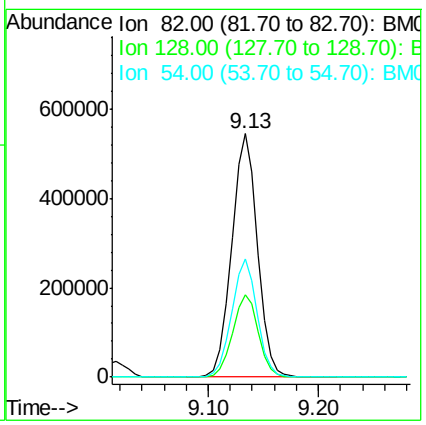


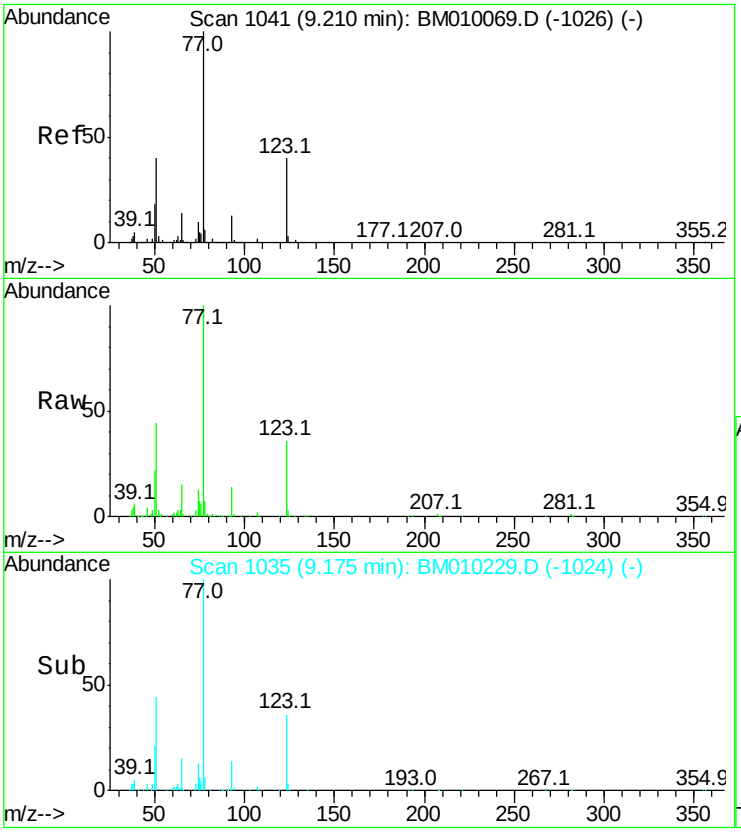


#23
Nitrobenzene-d5
Concen: 117.30 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion: 82 Resp: 890541

Ion	Ratio	Lower	Upper
82	100		
128	34.0	32.8	49.2
54	48.5	40.6	60.8



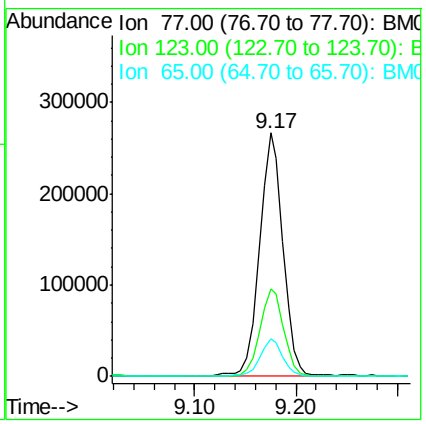


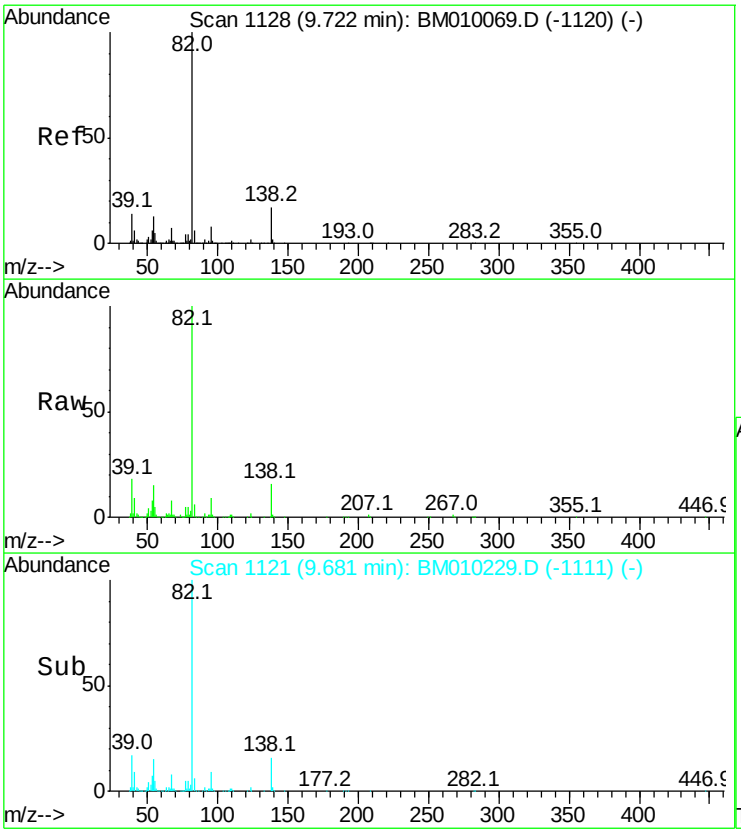
#24
Nitrobenzene
Concen: 54.18 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 423723

Ion	Ratio	Lower	Upper
77	100		
123	35.9	32.6	49.0
65	15.3	10.9	16.3

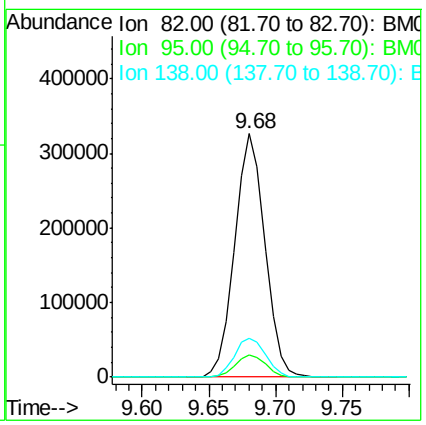


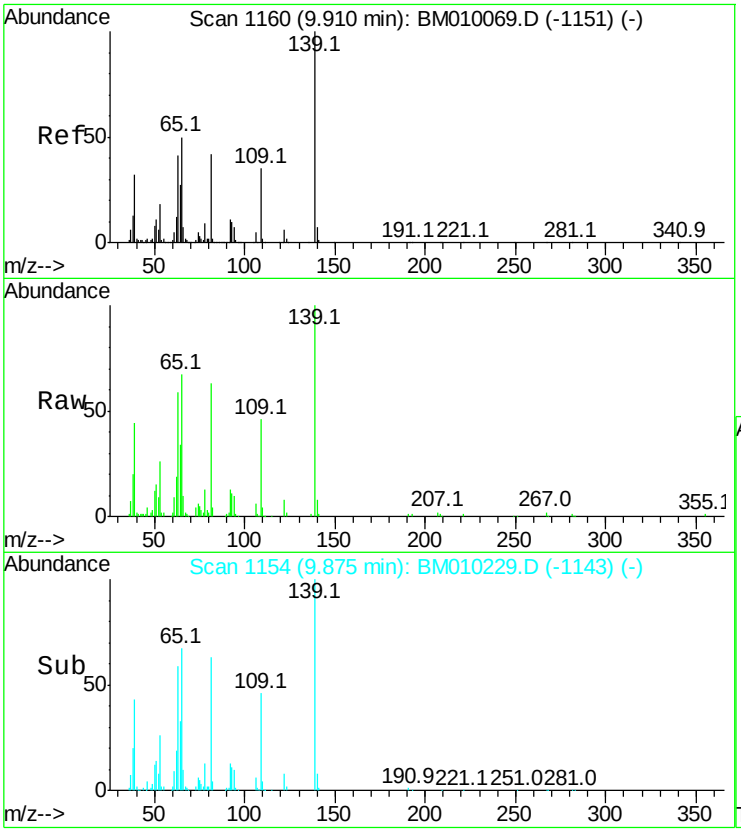


#25
Isophorone
Concen: 38.98 ng
RT: 9.68 min Scan# 1121
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion: 82 Resp: 511299

Ion	Ratio	Lower	Upper
82	100		
95	9.1	5.8	8.6#
138	16.0	16.3	24.5#



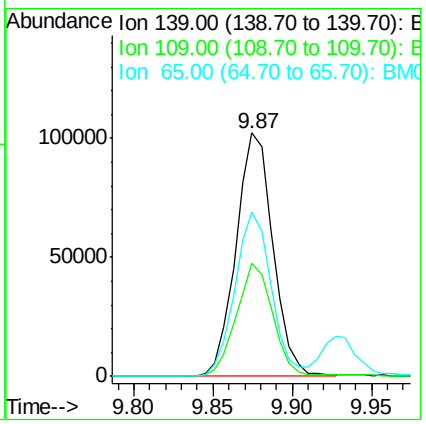


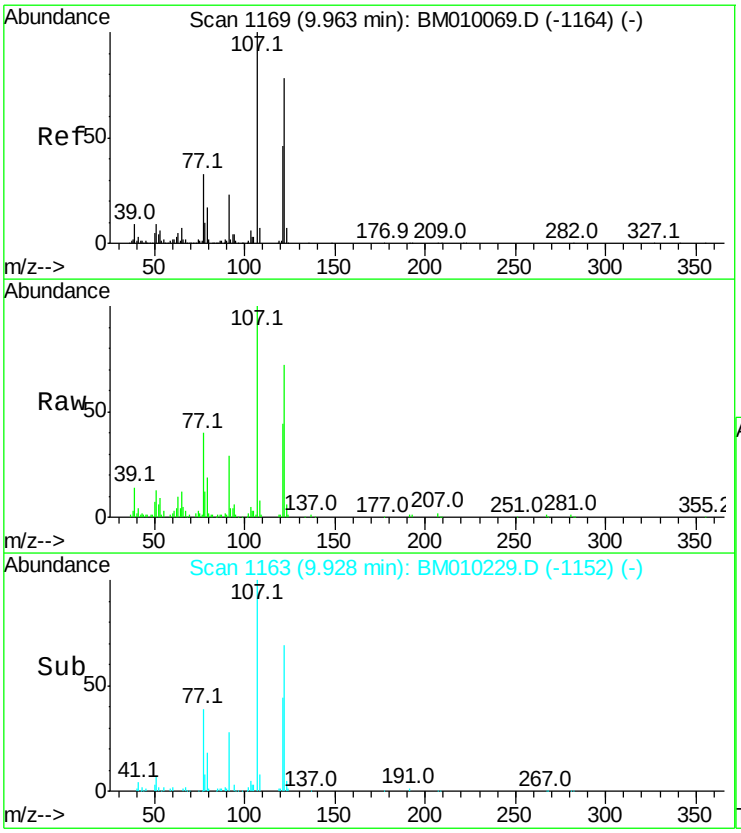
#26
2-Nitrophenol
Concen: 50.12 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:139 Resp: 165226

Ion	Ratio	Lower	Upper
139	100		
109	46.4	20.1	30.1#
65	67.5	31.5	47.3#

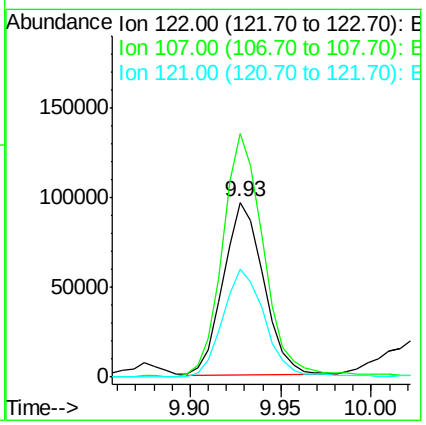


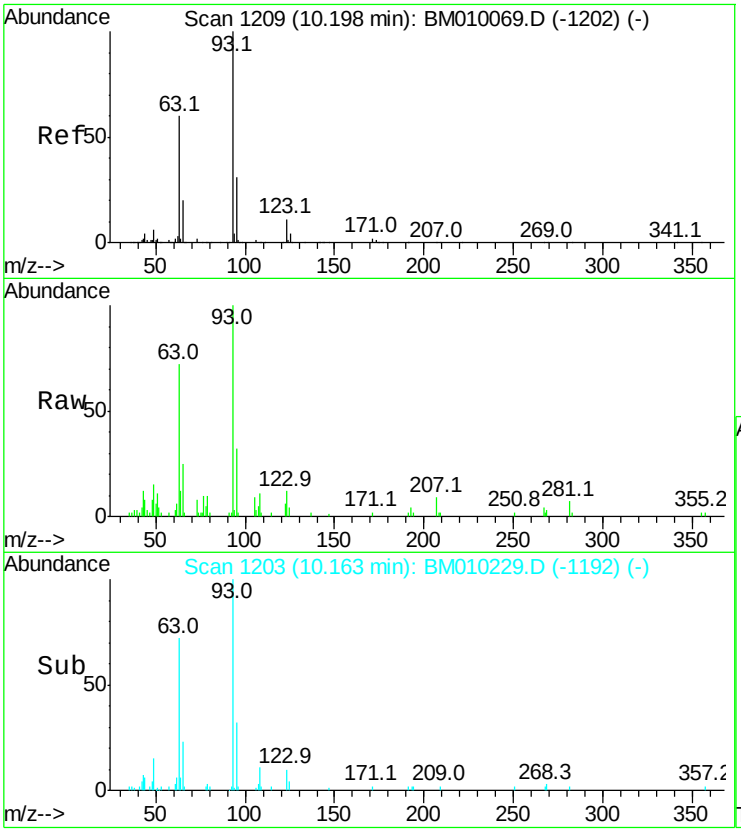


#27
2,4-Dimethylphenol
Concen: 25.29 ng
RT: 9.93 min Scan# 1163
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:122 Resp: 150514

Ion	Ratio	Lower	Upper
122	100		
107	139.3	84.7	127.1#
121	61.8	46.6	69.8



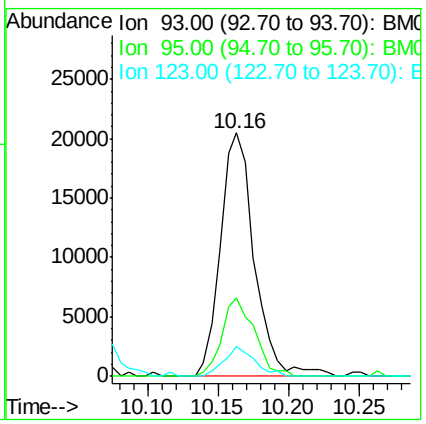


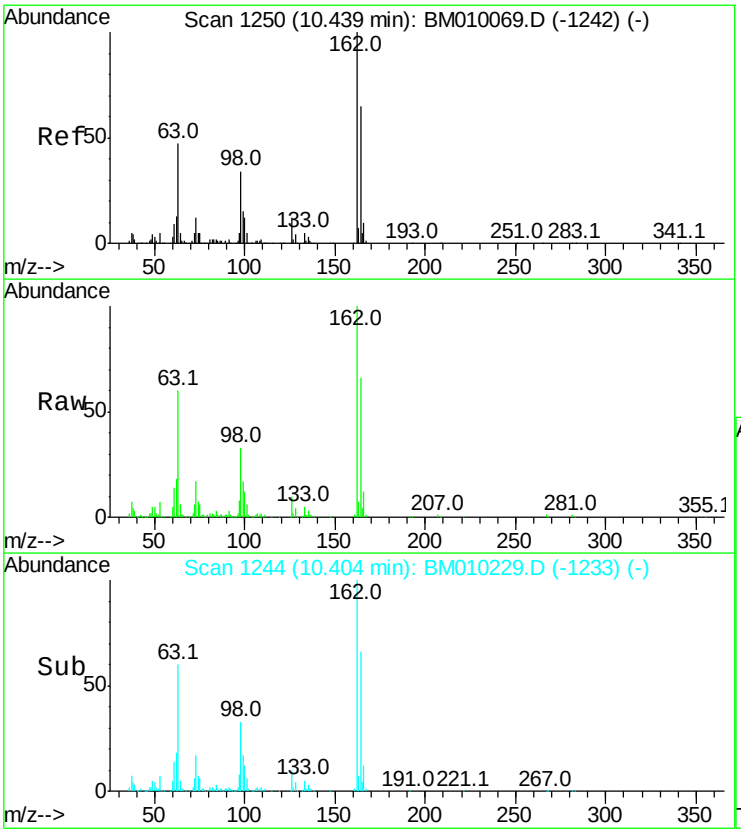
#28
bis(2-Chloroethoxy)methane
Concen: 4.11 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 93 Resp: 34201

Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.5	38.3
123	12.1	8.6	13.0

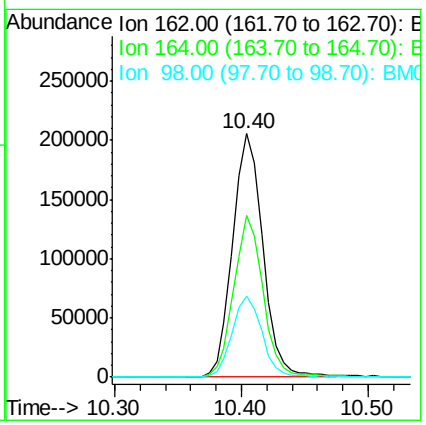


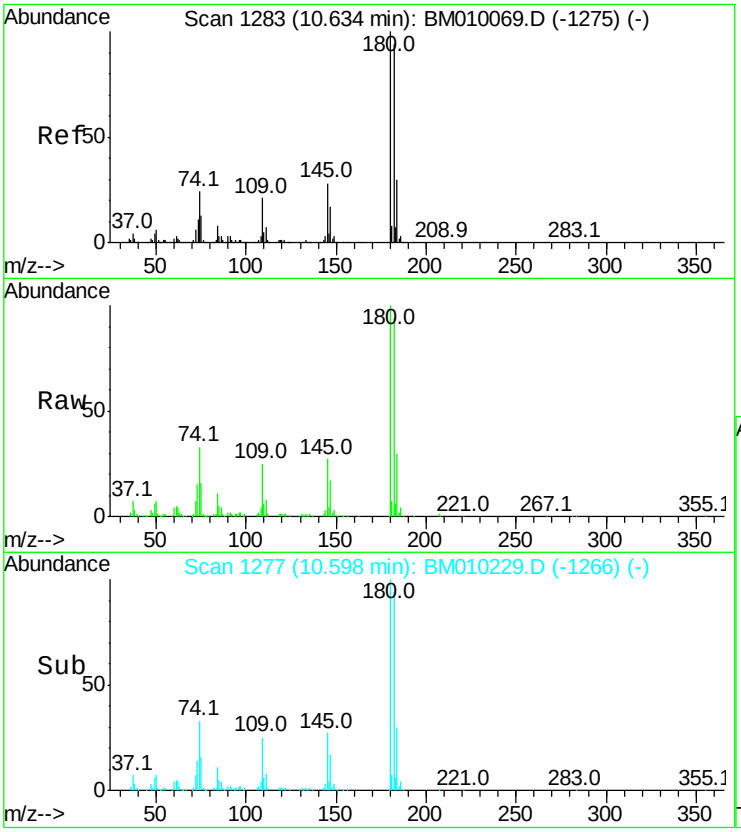


#29
2,4-Dichlorophenol
Concen: 49.60 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:162 Resp: 339946

Ion	Ratio	Lower	Upper
162	100		
164	66.4	42.8	82.8
98	33.4	14.5	54.5



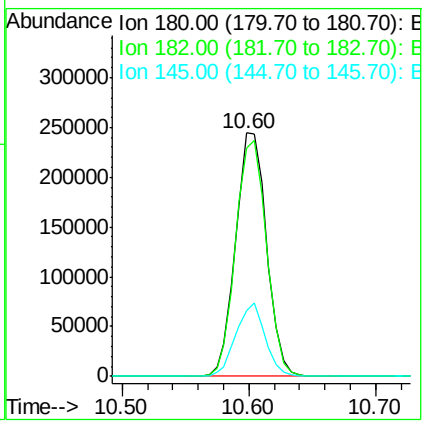


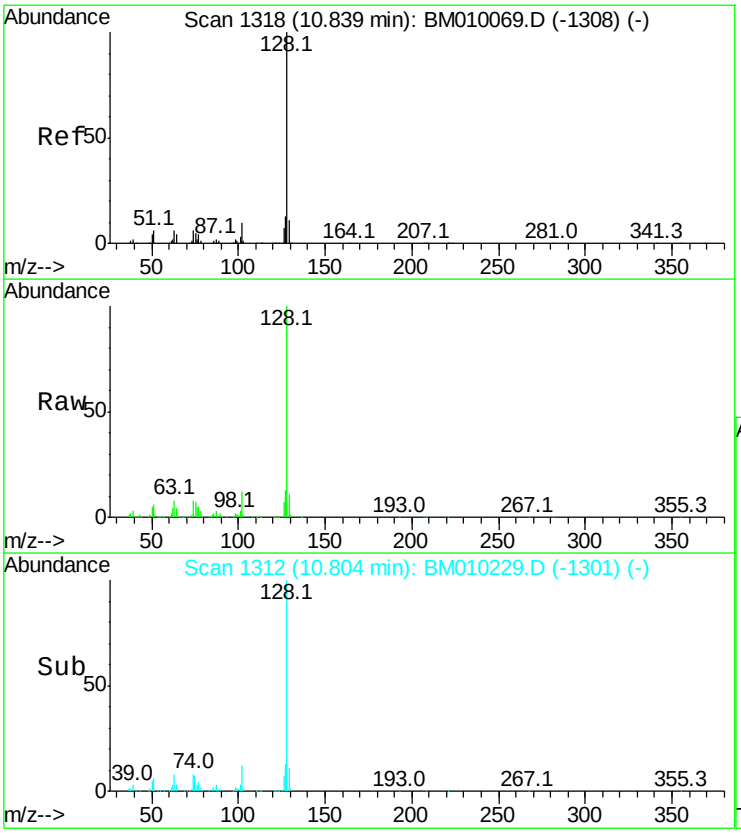
#30
1,2,4-Trichlorobenzene
Concen: 46.64 ng
RT: 10.60 min Scan# 1277
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:180 Resp: 413519

Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.6	116.4
145	27.2	23.4	35.2

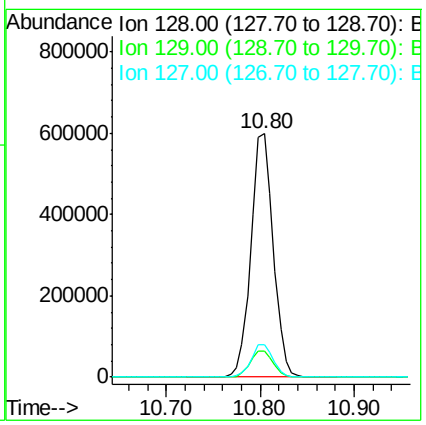


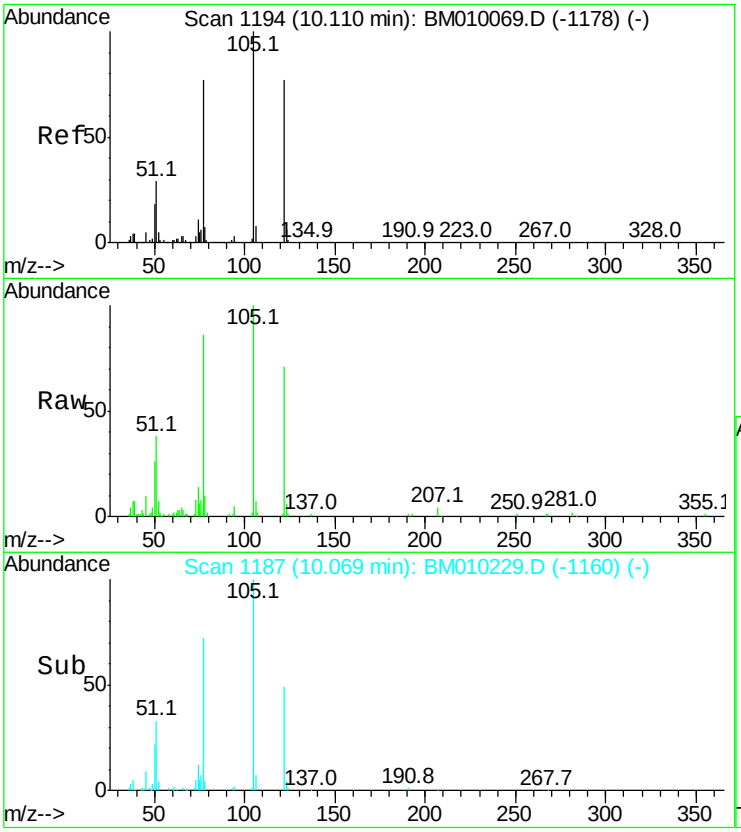


#31
Naphthalene
Concen: 45.01 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:128 Resp: 986098

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	13.2	10.4	15.6



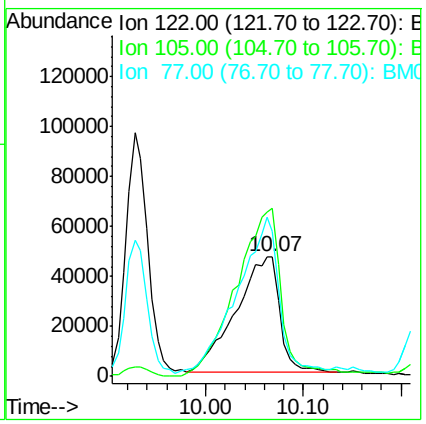


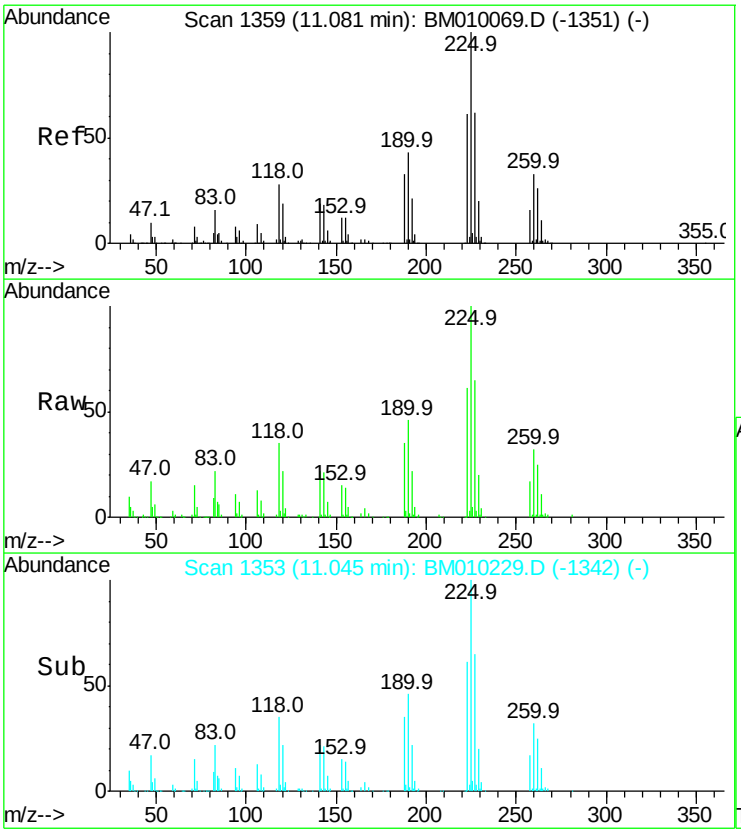
#32
Benzoic acid
Concen: 35.86 ng
RT: 10.07 min Scan# 1187
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:122 Resp: 145475

Ion	Ratio	Lower	Upper
122	100		
105	140.9	99.9	139.9#
77	121.2	73.7	113.7#

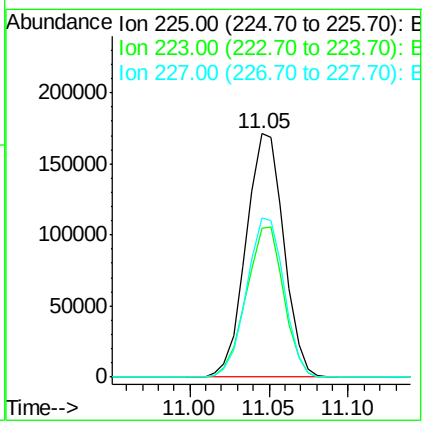


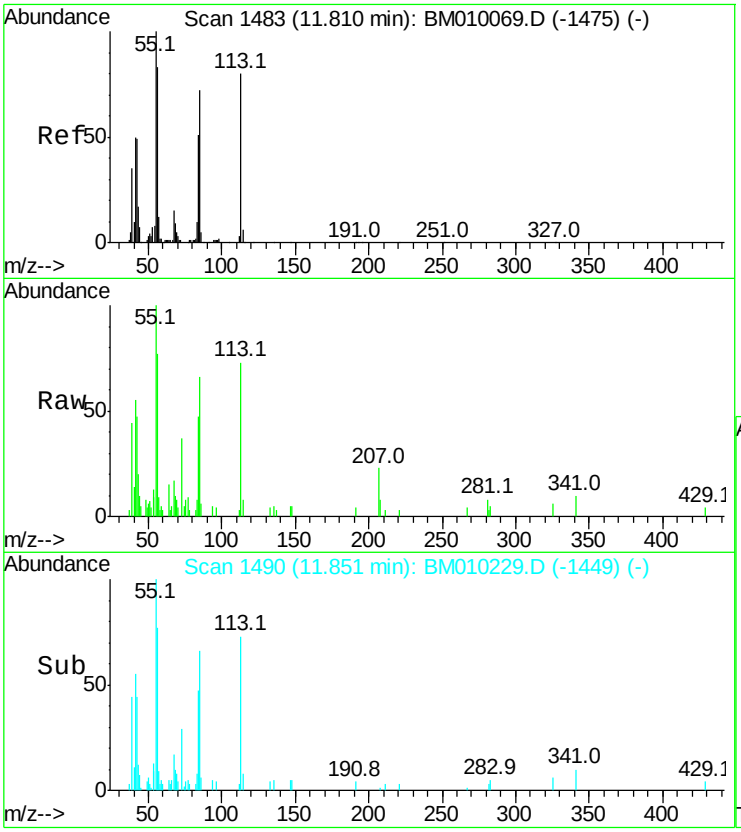


#34
Hexachlorobutadiene
Concen: 47.96 ng
RT: 11.05 min Scan# 1353
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:225 Resp: 283697

Ion	Ratio	Lower	Upper
225	100		
223	60.9	47.9	71.9
227	65.1	50.1	75.1



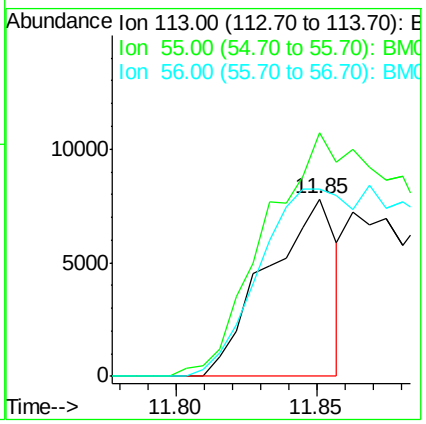


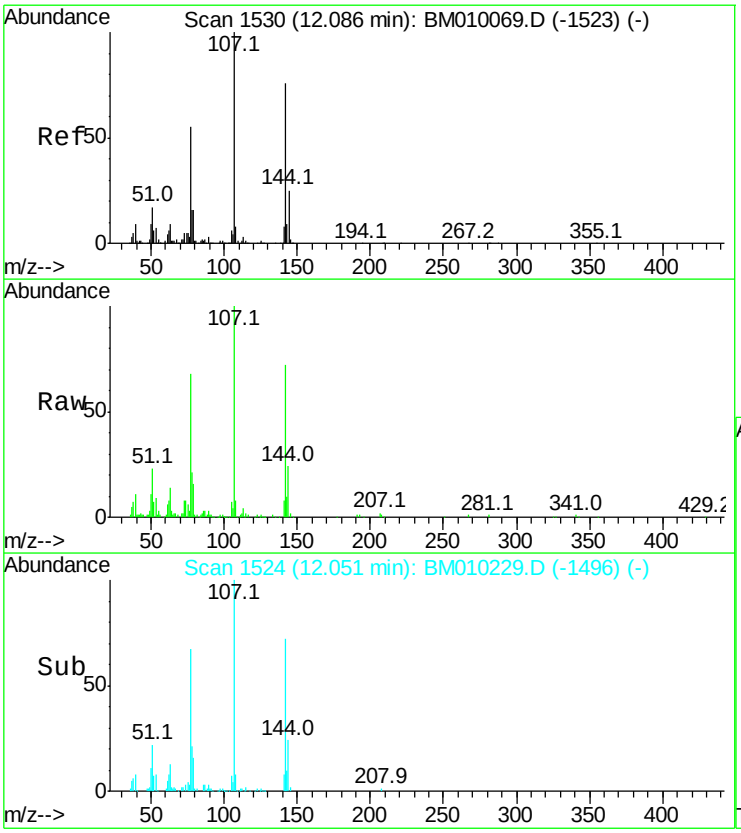
#35
Caprolactam
Concen: 6.74 ng
RT: 11.85 min Scan# 1490
Delta R.T. 0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 13257

Ion	Ratio	Lower	Upper
113	100		
55	137.5	145.9	185.9#
56	105.9	101.0	141.0

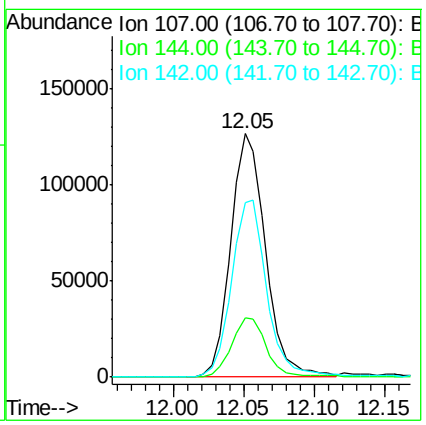


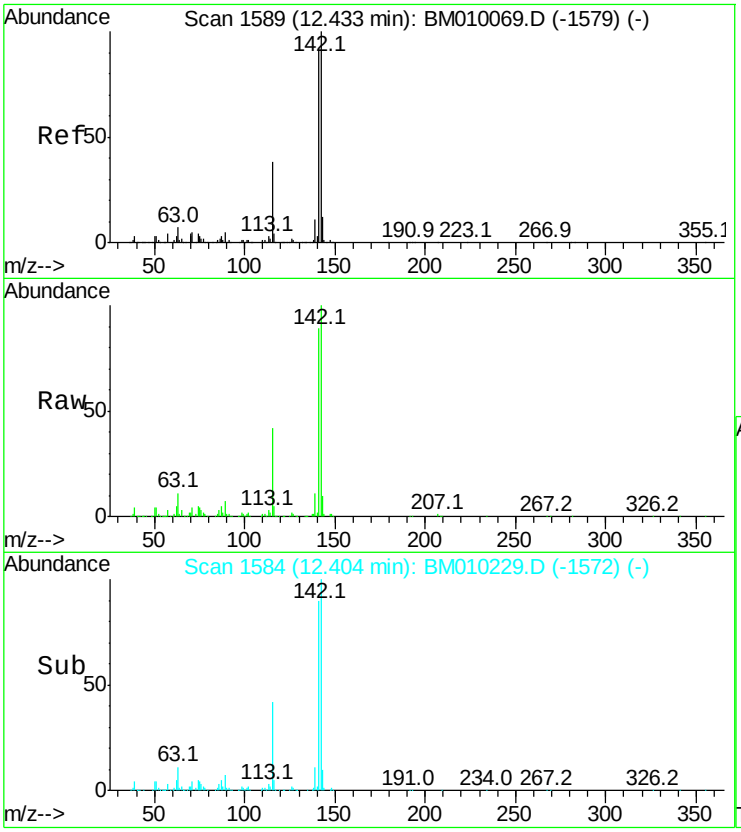


#36
4-Chloro-3-methylphenol
Concen: 29.29 ng
RT: 12.05 min Scan# 1524
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:107 Resp: 217397

Ion	Ratio	Lower	Upper
107	100		
144	24.4	23.3	34.9
142	71.6	72.6	109.0#



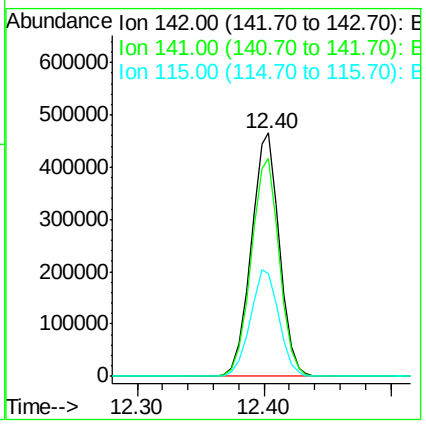


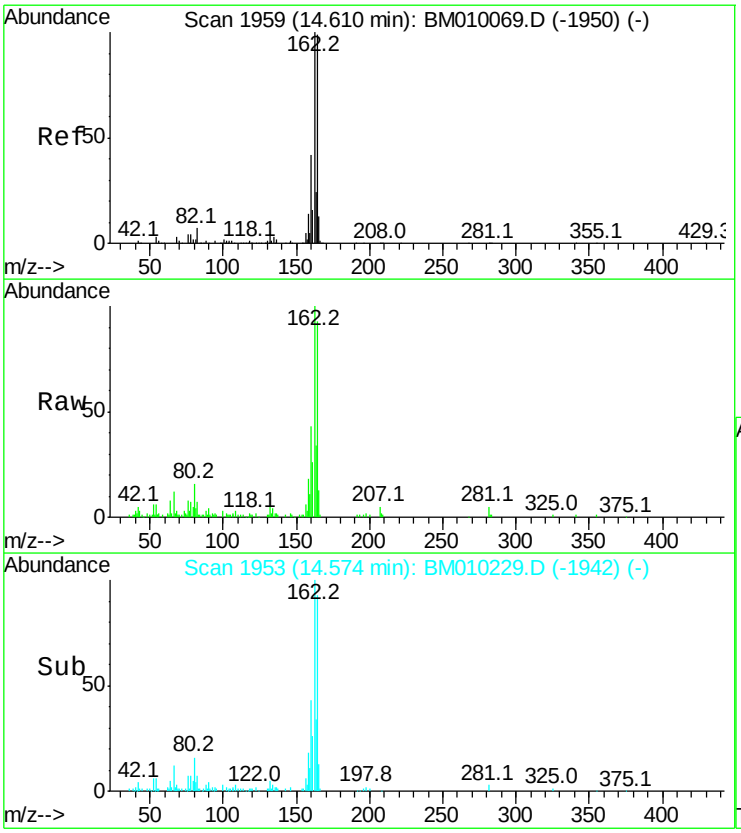
#37
2-Methylnaphthalene
Concen: 45.64 ng
RT: 12.40 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 719938

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.9	107.9
115	42.1	25.4	38.0#

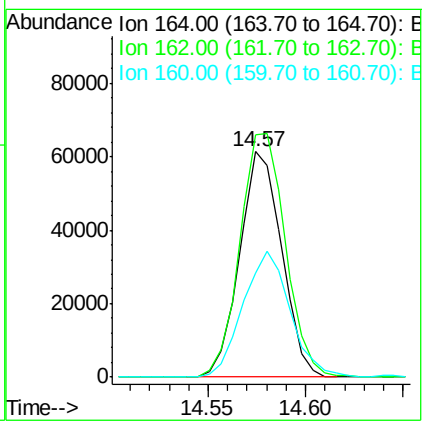


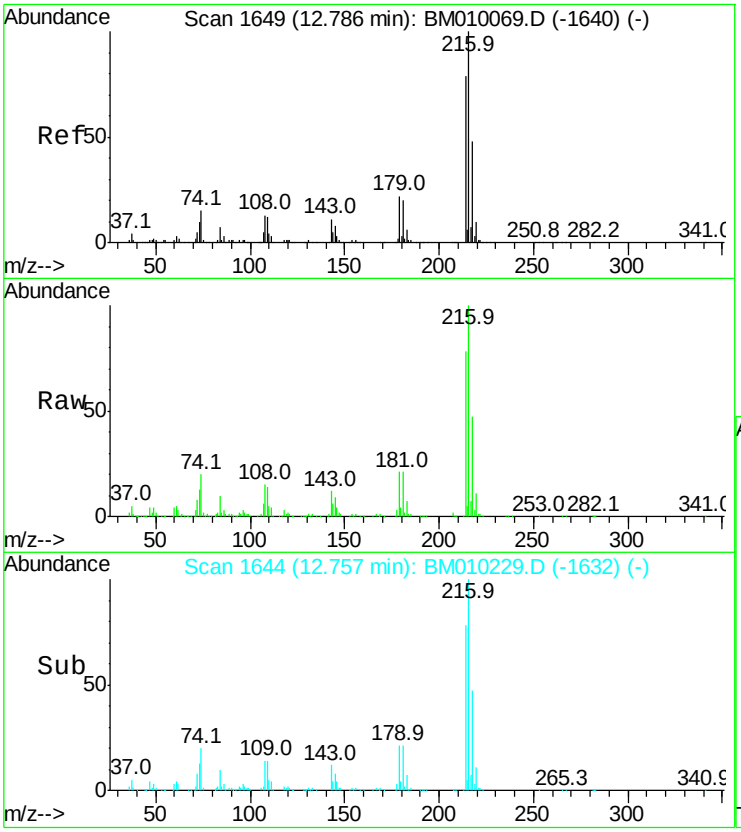


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:164 Resp: 91625

Ion	Ratio	Lower	Upper
164	100		
162	107.3	82.4	123.6
160	46.0	35.8	53.6



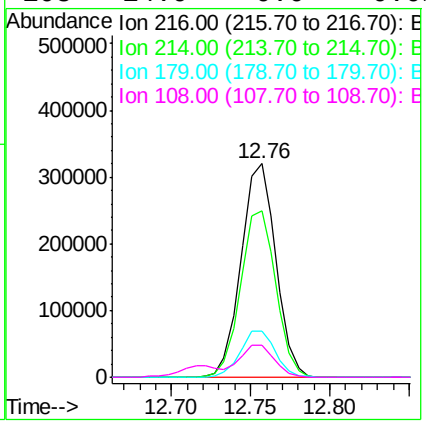


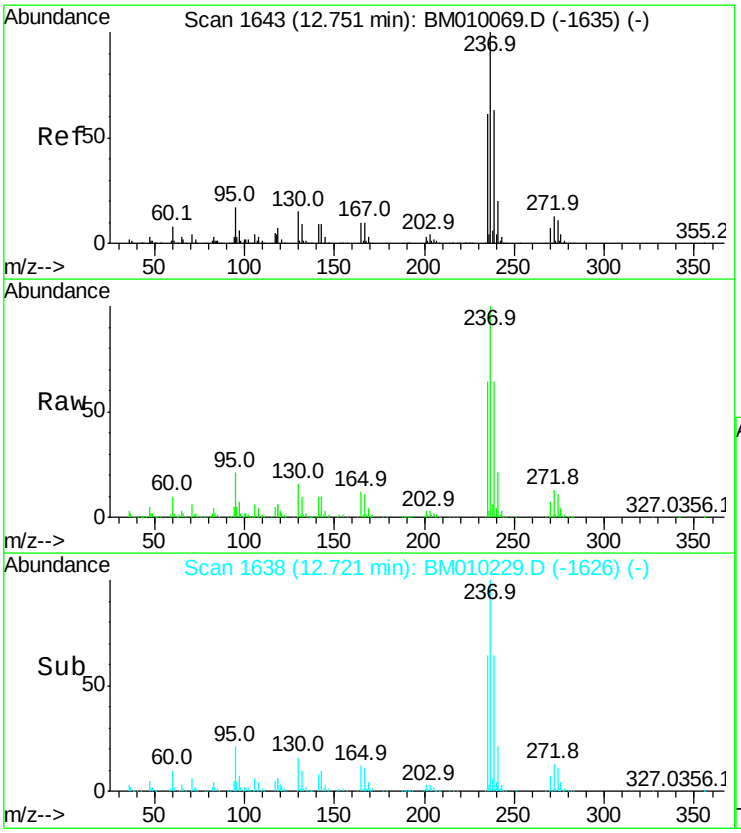
#39
1,2,4,5-Tetrachlorobenzene
Concen: 138.49 ng
RT: 12.76 min Scan# 1644
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:216 Resp: 487965

Ion	Ratio	Lower	Upper
216	100		
214	78.9	0.0	0.0#
179	21.9	0.0	0.0#
108	14.9	0.0	0.0#

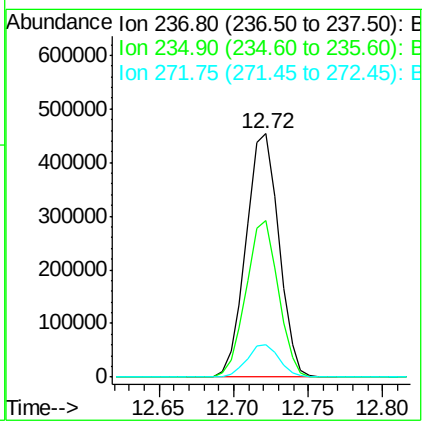


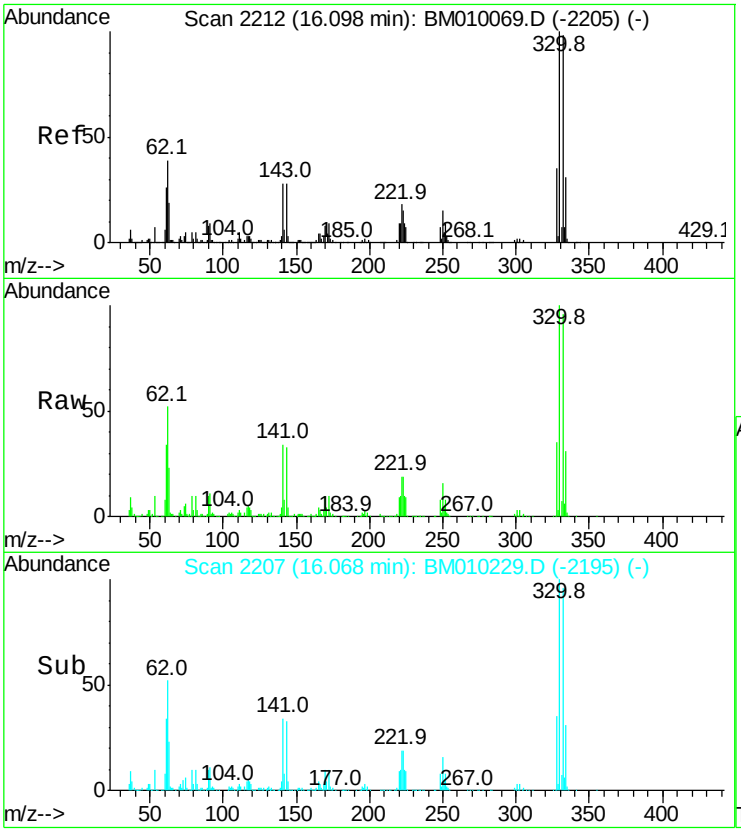


#40
Hexachlorocyclopentadiene
Concen: 338.51 ng
RT: 12.72 min Scan# 1638
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:237 Resp: 688661

Ion	Ratio	Lower	Upper
237	100		
235	64.2	42.0	82.0
272	13.1	0.0	33.4



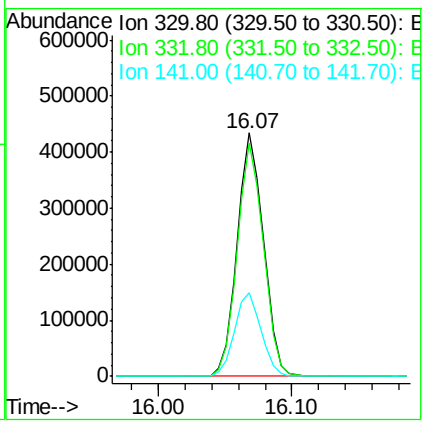


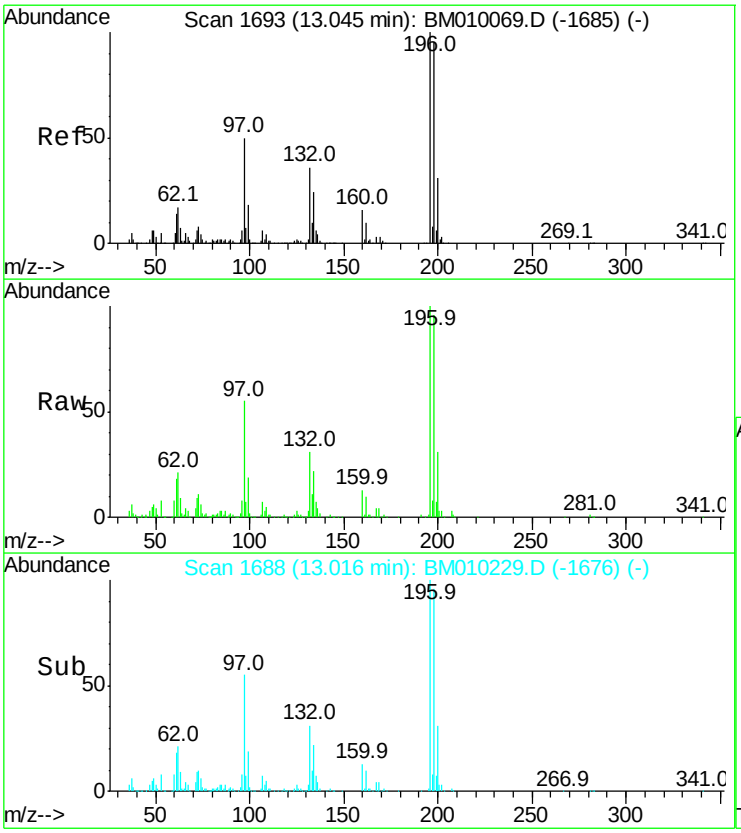
#41
2,4,6-Tribromophenol
Concen: 425.34 ng
RT: 16.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 591895

Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	34.9	0.0	0.0#

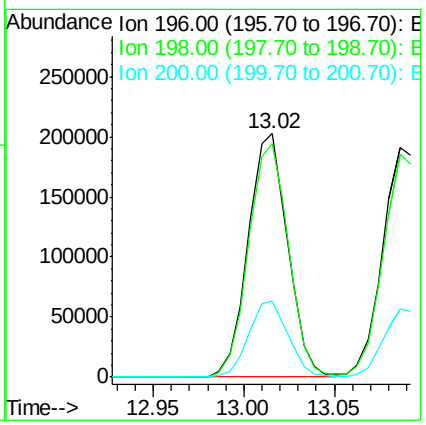


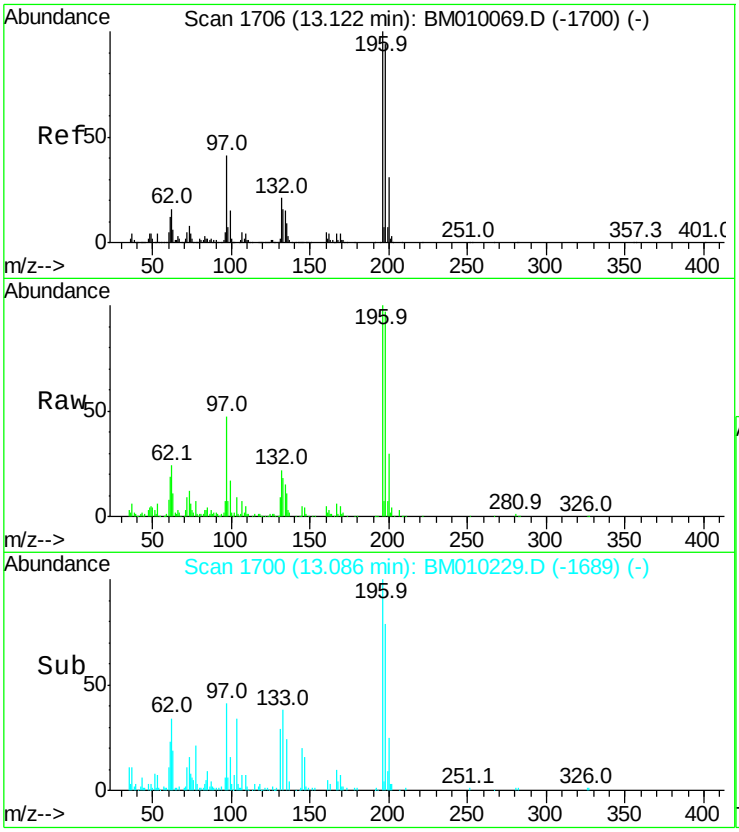


#42
2,4,6-Trichlorophenol
Concen: 148.29 ng
RT: 13.02 min Scan# 1688
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:196 Resp: 307742

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.3	114.5
200	31.4	25.6	38.4



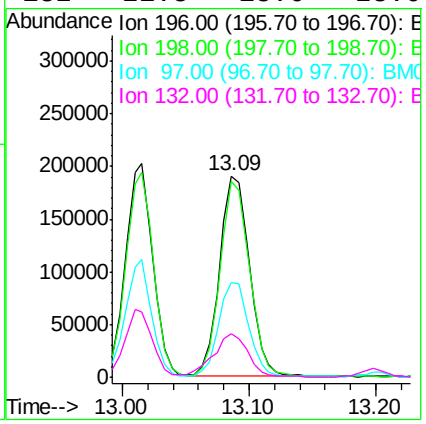


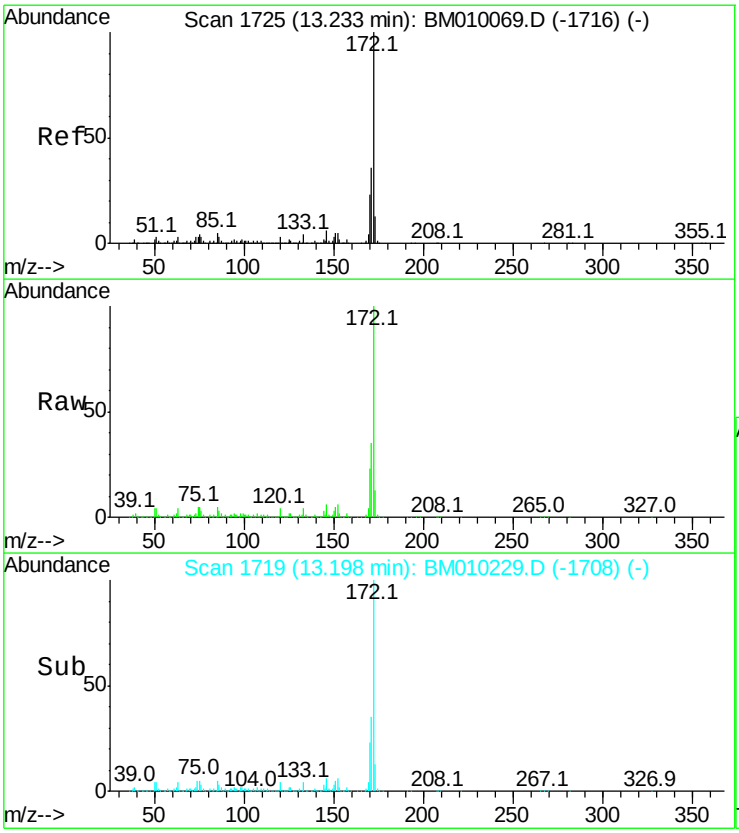
#43
2,4,5-Trichlorophenol
Concen: 135.93 ng
RT: 13.09 min Scan# 1700
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 311712

Ion	Ratio	Lower	Upper
196	100		
198	97.4	79.4	119.0
97	46.9	26.8	40.2#
132	21.8	18.6	28.0

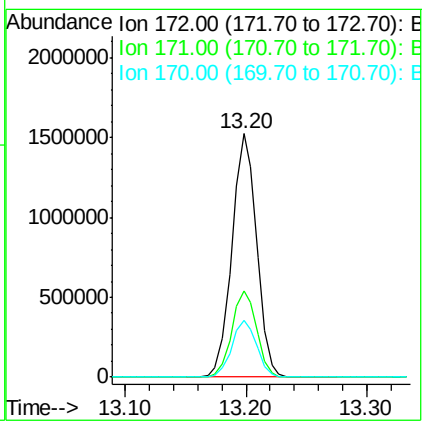


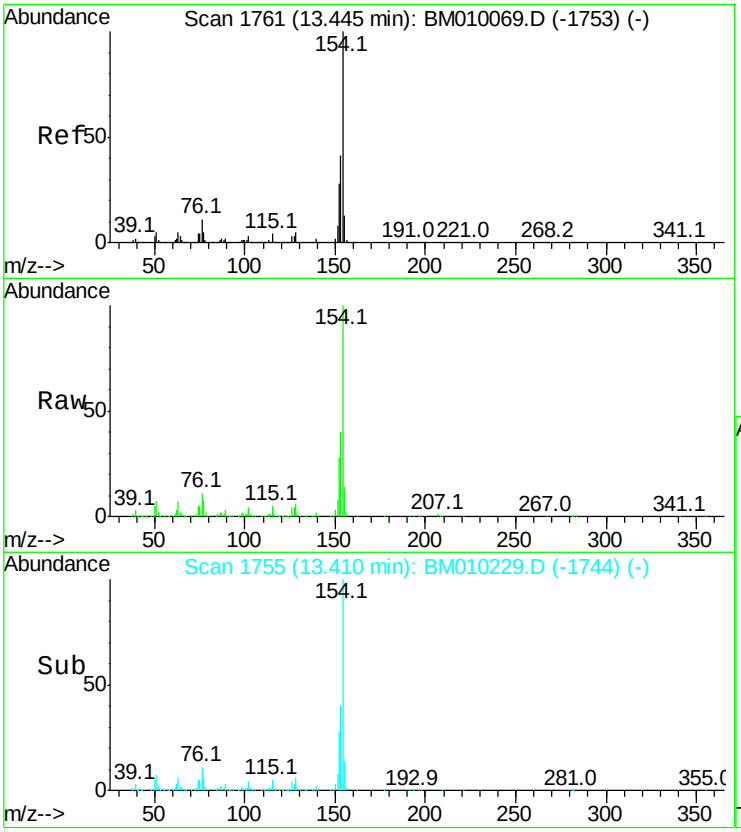


#44
2-Fluorobiphenyl
Concen: 304.13 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:172 Resp: 2167590

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.2	18.8	28.2



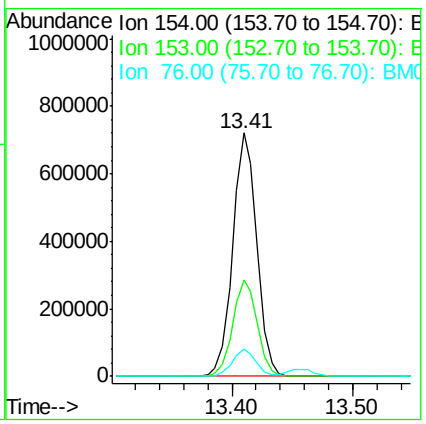


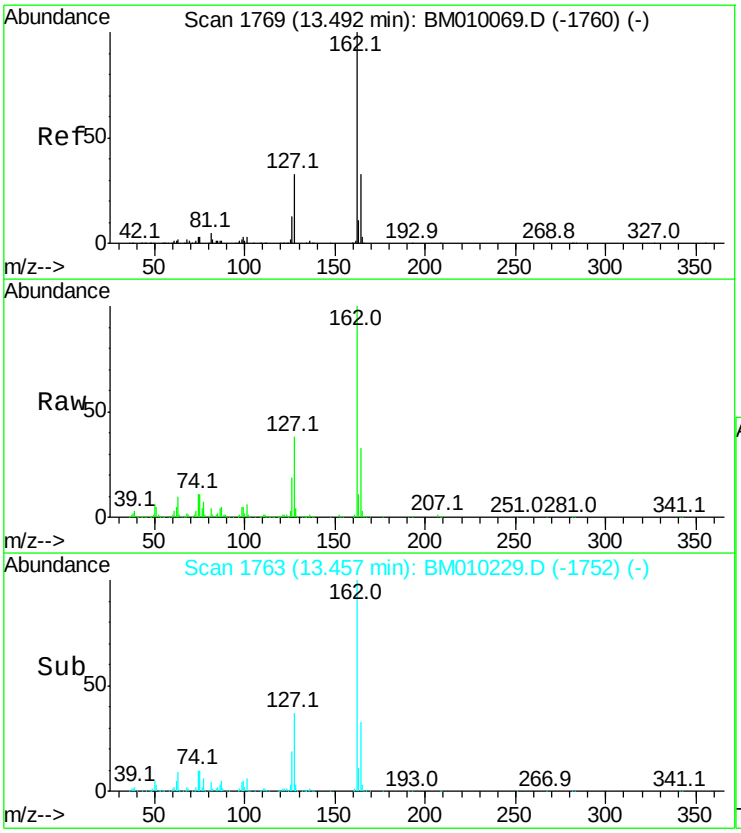
#45
1,1'-Biphenyl
Concen: 132.23 ng
RT: 13.41 min Scan# 1755
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 996349

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.7	60.7
76	11.2	0.0	30.9

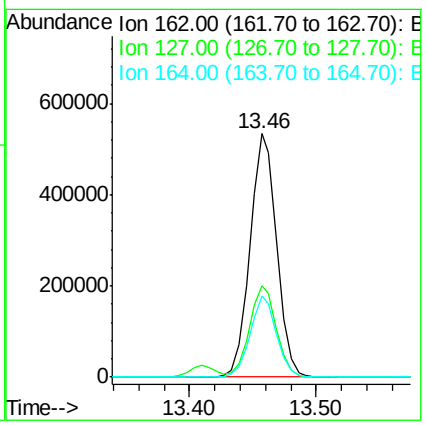


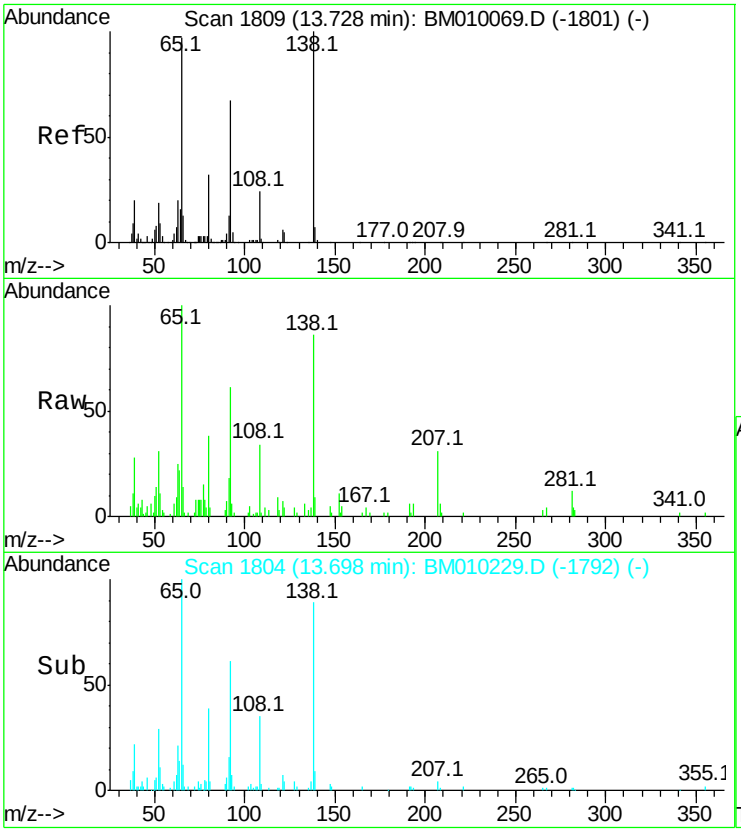


#46
2-Chloronaphthalene
Concen: 128.15 ng
RT: 13.46 min Scan# 1763
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:162 Resp: 781742

Ion	Ratio	Lower	Upper
162	100		
127	37.5	26.9	40.3
164	33.2	26.8	40.2



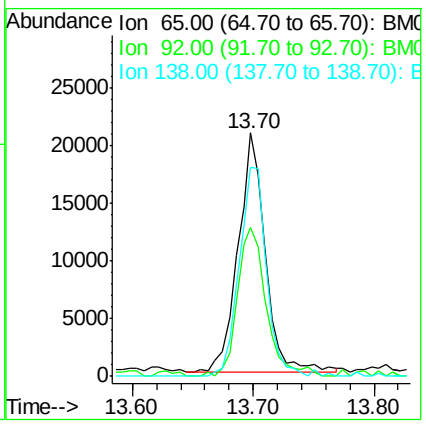


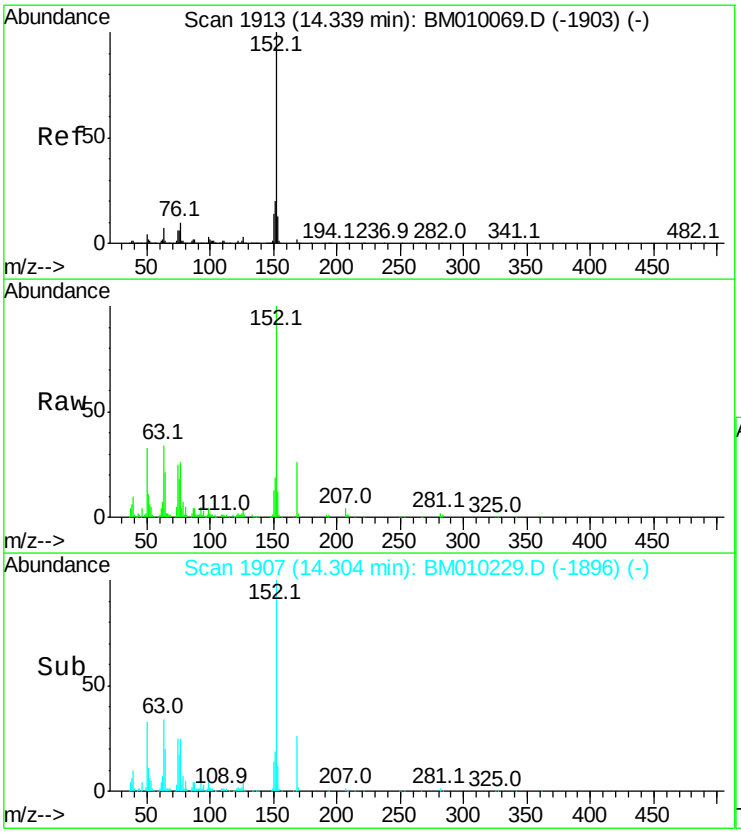
#47
2-Nitroaniline
Concen: 20.51 ng
RT: 13.70 min Scan# 1804
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 65 Resp: 32168

Ion	Ratio	Lower	Upper
65	100		
92	61.4	59.1	88.7
138	86.0	93.9	140.9#

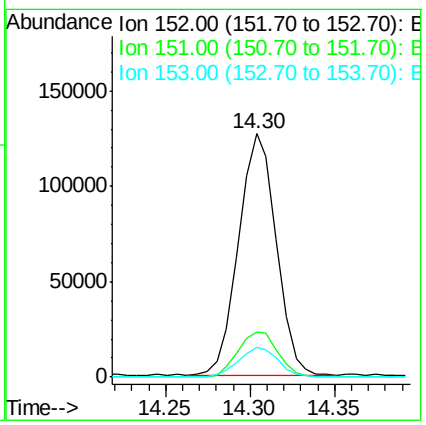


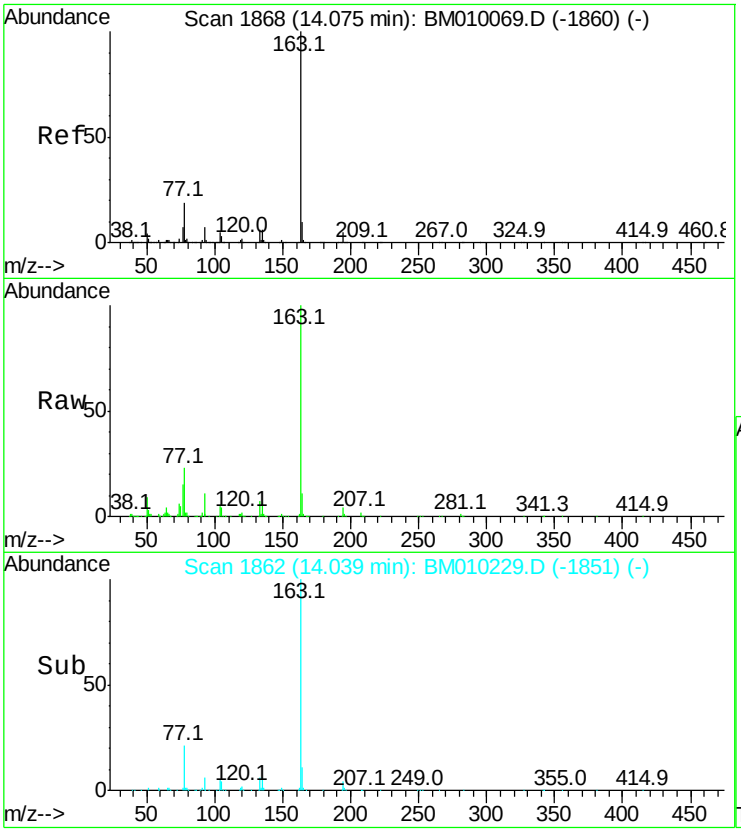


#48
Acenaphthylene
Concen: 21.81 ng
RT: 14.30 min Scan# 1907
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:152 Resp: 196765

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.9	23.9
153	12.4	10.6	16.0



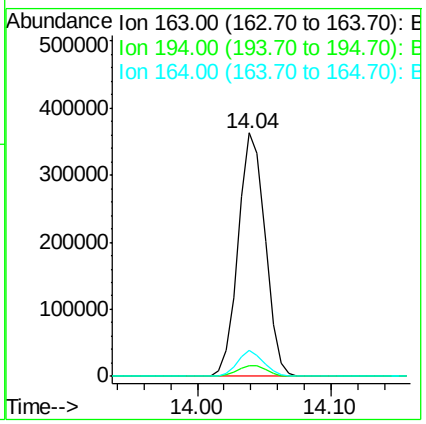


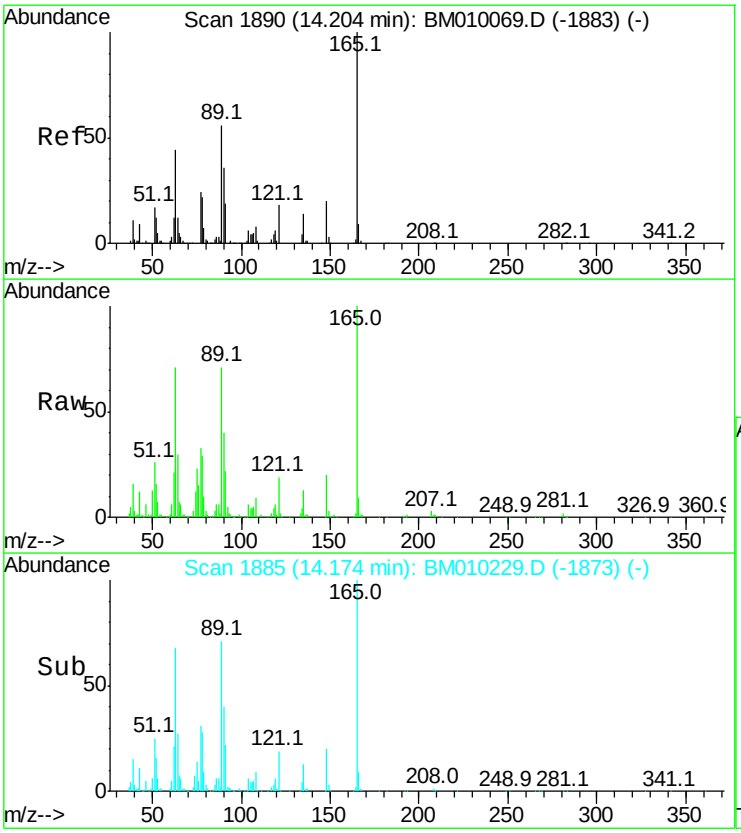
#49
Dimethylphthalate
Concen: 61.80 ng
RT: 14.04 min Scan# 1862
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 505090

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.6	8.2	12.2

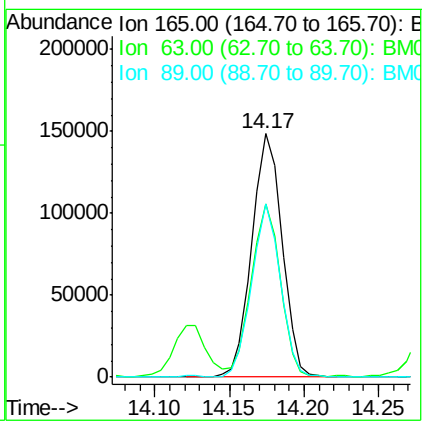


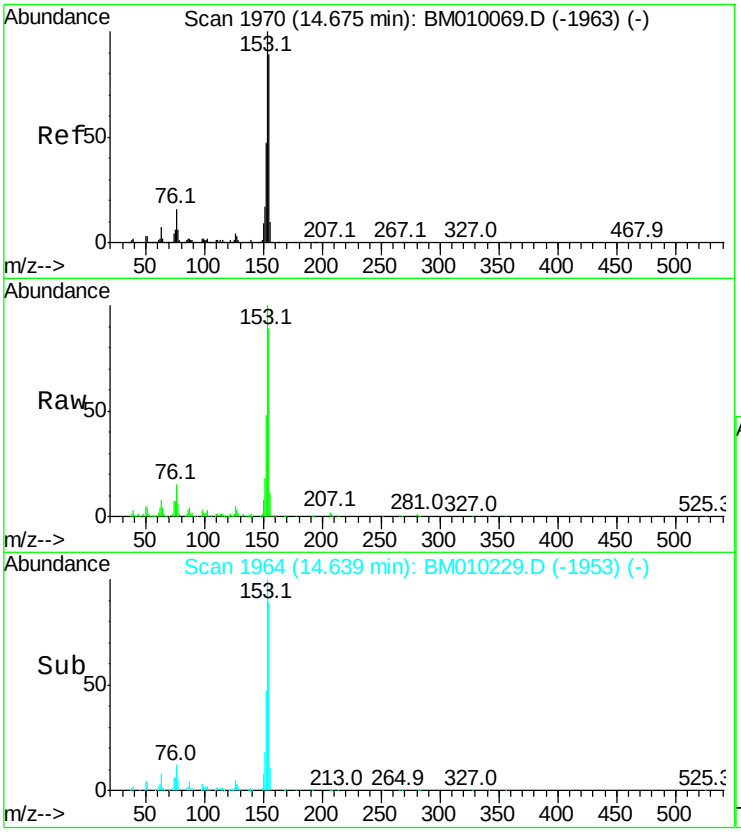


#50
2,6-Dinitrotoluene
Concen: 133.80 ng
RT: 14.17 min Scan# 1885
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:165 Resp: 207643

Ion	Ratio	Lower	Upper
165	100		
63	70.9	44.1	66.1#
89	71.3	44.3	66.5#



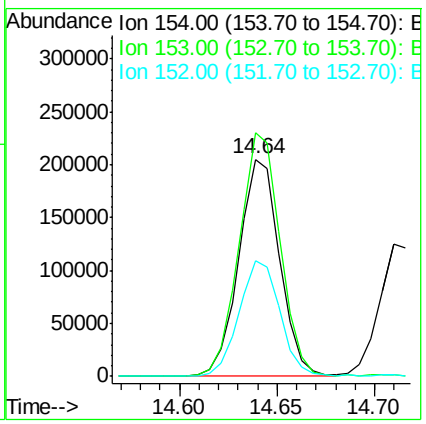


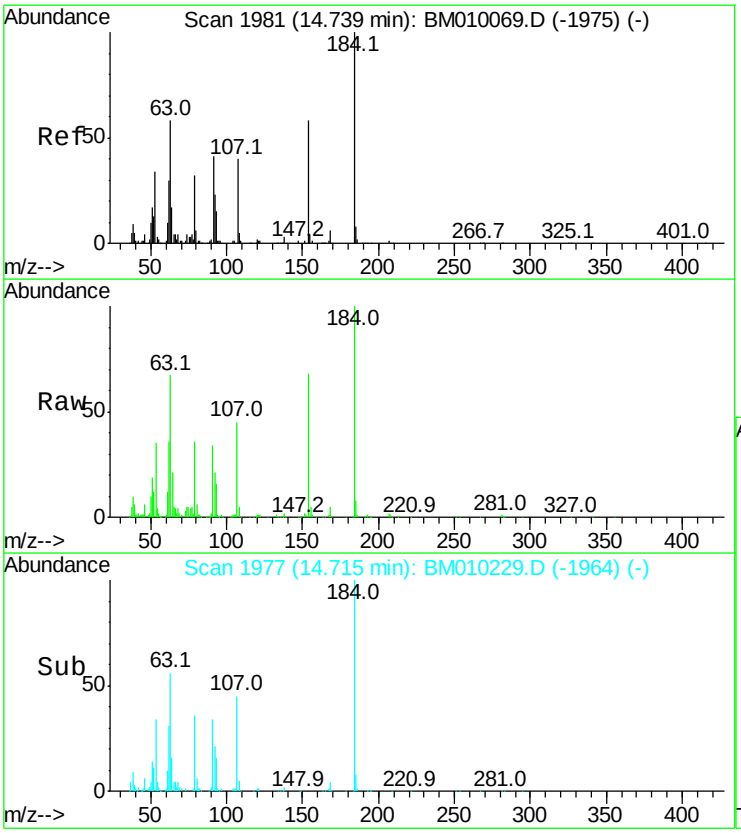
#51
Acenaphthene
Concen: 53.08 ng
RT: 14.64 min Scan# 1964
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 297669

Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.0	135.0
152	53.4	42.6	63.8

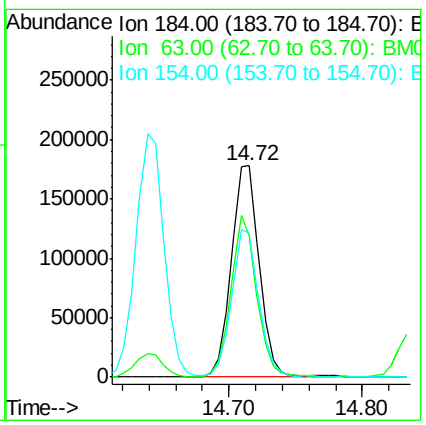


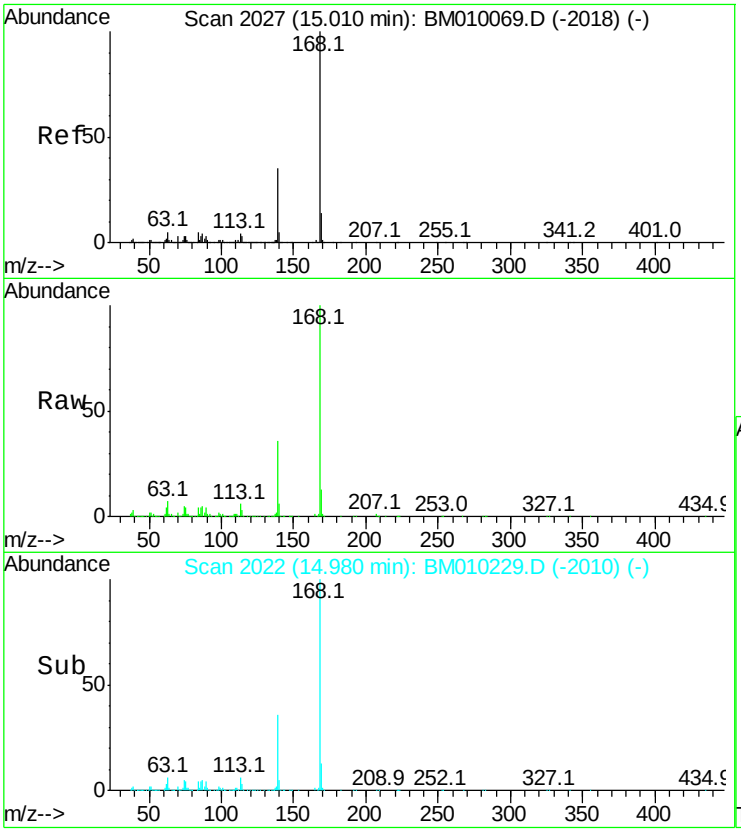


#53
2,4-Dinitrophenol
Concen: 238.09 ng
RT: 14.72 min Scan# 1977
Delta R.T. -0.02 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:184 Resp: 259524

Ion	Ratio	Lower	Upper
184	100		
63	67.2	69.2	103.8#
154	68.2	53.3	79.9



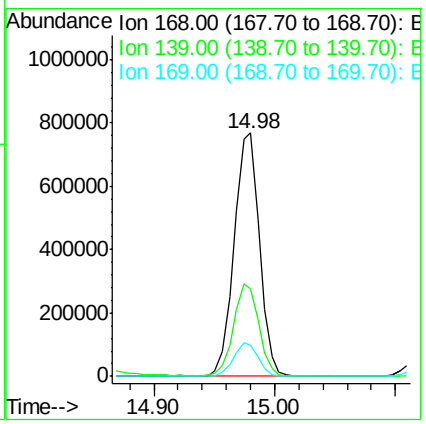


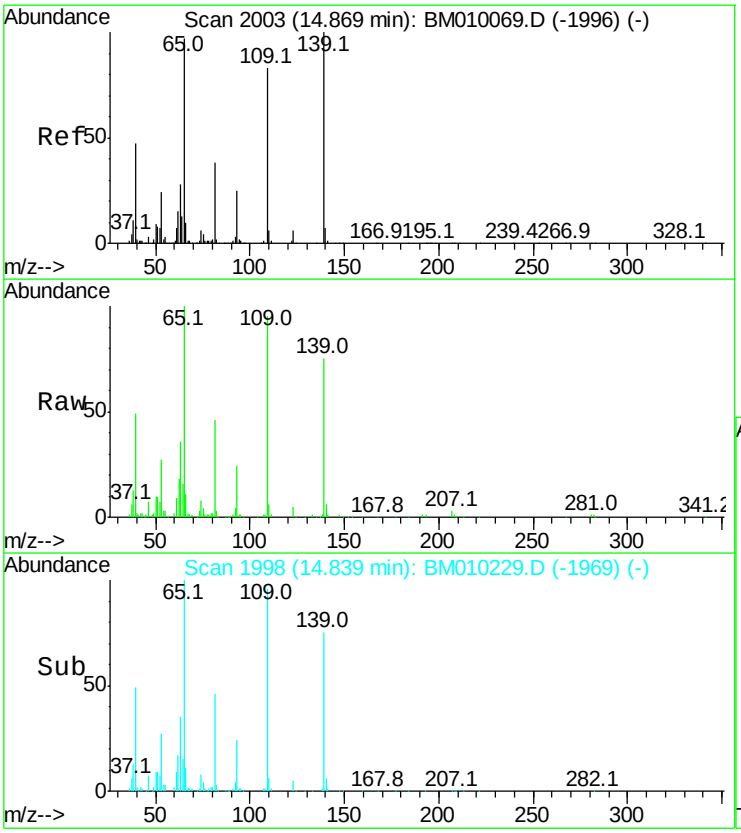
#54
Dibenzofuran
Concen: 127.23 ng
RT: 14.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 1121919

Ion	Ratio	Lower	Upper
168	100		
139	36.1	27.3	40.9
169	12.8	10.6	16.0

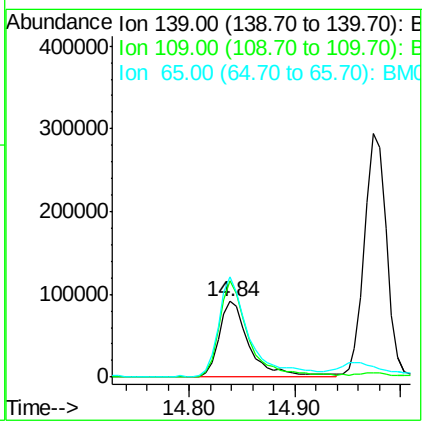


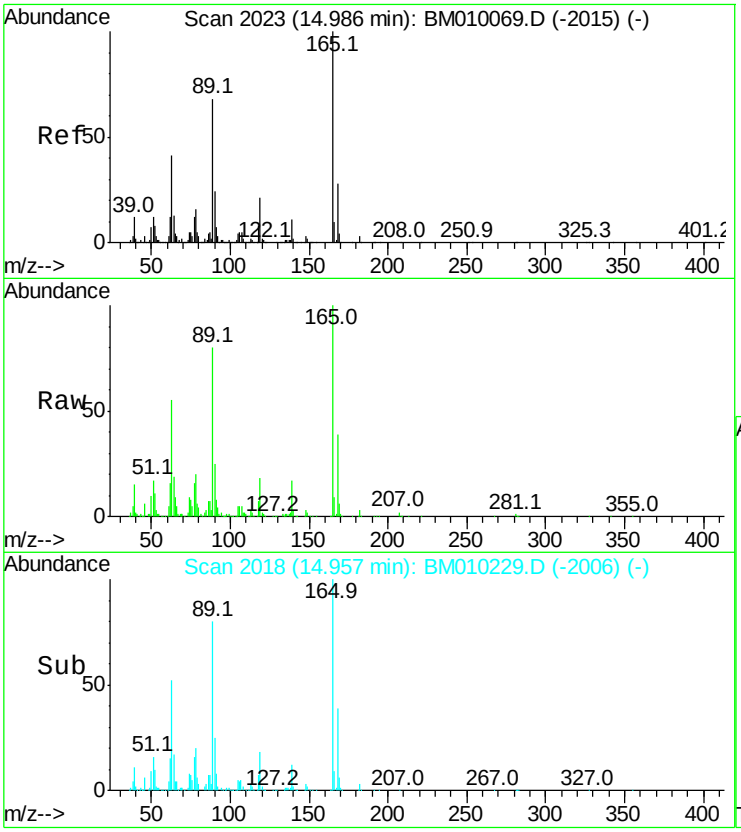


#55
4-Nitrophenol
Concen: 159.45 ng
RT: 14.84 min Scan# 1998
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:139 Resp: 185095

Ion	Ratio	Lower	Upper
139	100		
109	126.8	37.7	77.7#
65	133.3	49.9	89.9#



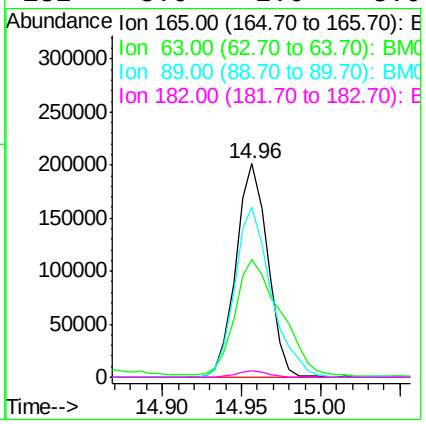


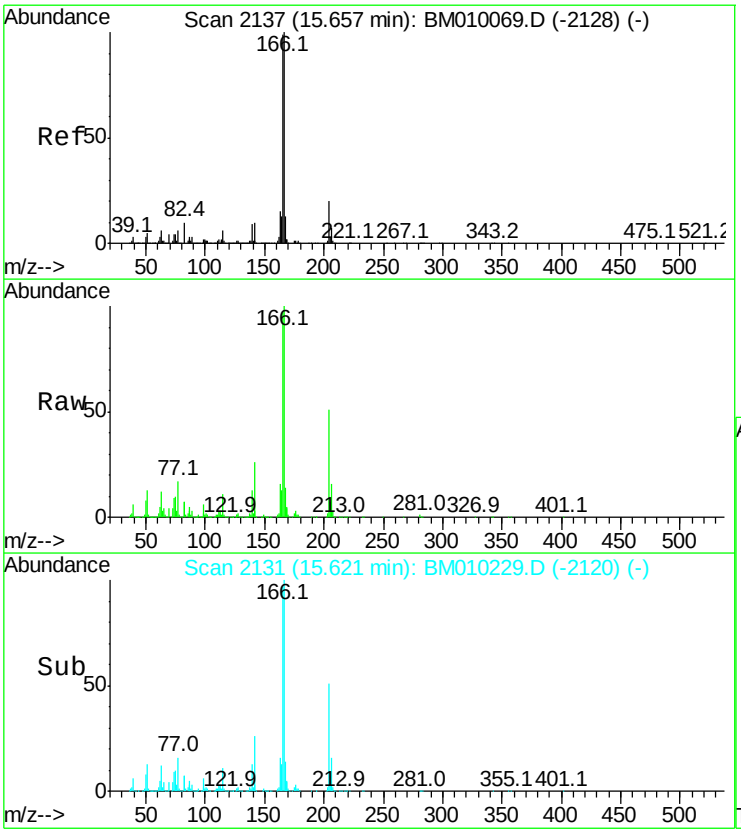
#56
2,4-Dinitrotoluene
Concen: 127.43 ng
RT: 14.96 min Scan# 2018
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 279794

Ion	Ratio	Lower	Upper
165	100		
63	55.0	52.4	78.6
89	79.9	72.4	108.6
182	3.0	2.0	3.0

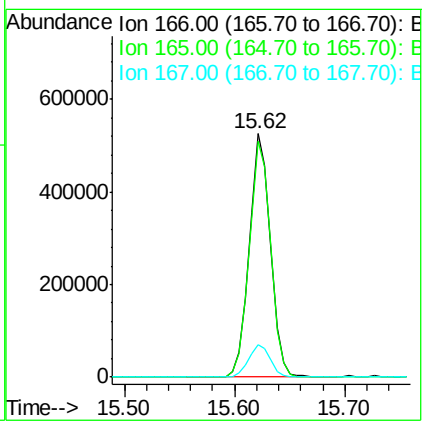


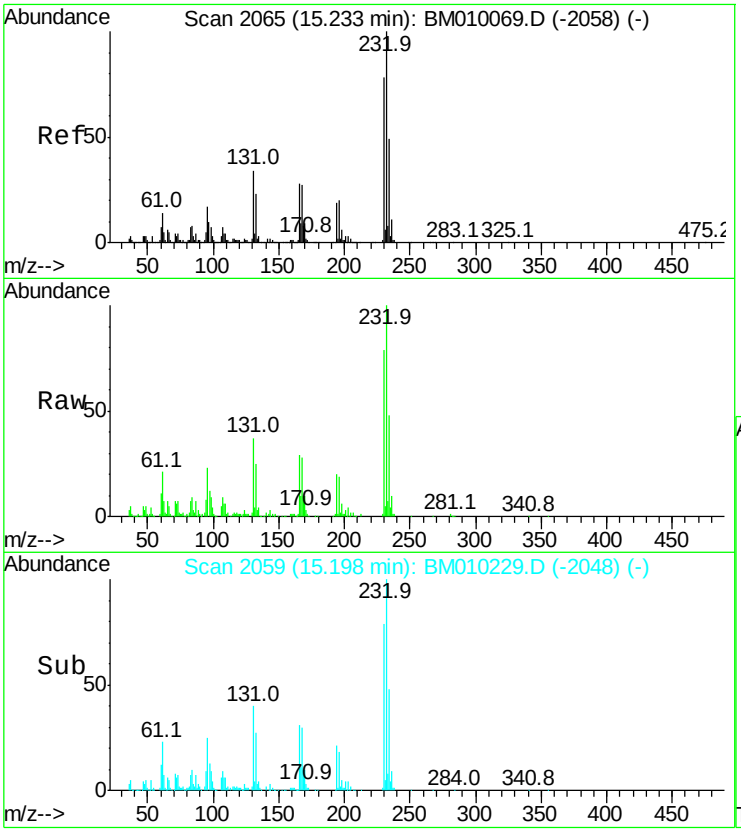


#57
Fluorene
Concen: 92.70 ng
RT: 15.62 min Scan# 2131
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:166 Resp: 710851

Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.0	118.4
167	13.5	10.3	15.5



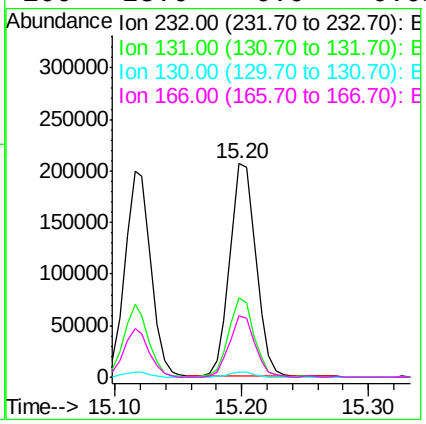


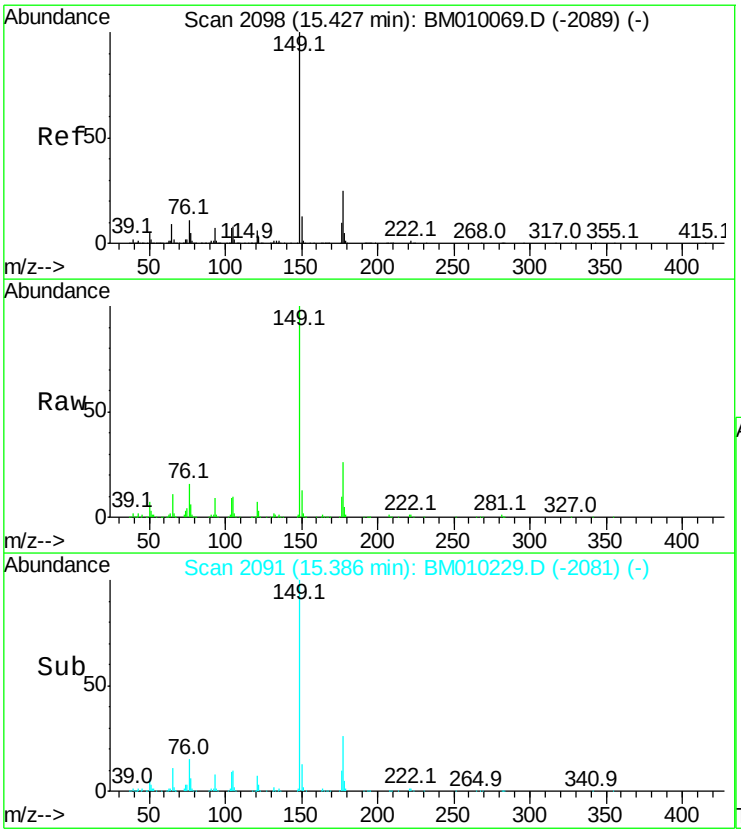
#58
2,3,4,6-Tetrachlorophenol
Concen: 150.41 ng
RT: 15.20 min Scan# 2059
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:232 Resp: 293774

Ion	Ratio	Lower	Upper
232	100		
131	36.7	0.0	0.0#
130	2.3	0.0	0.0#
166	28.6	0.0	0.0#

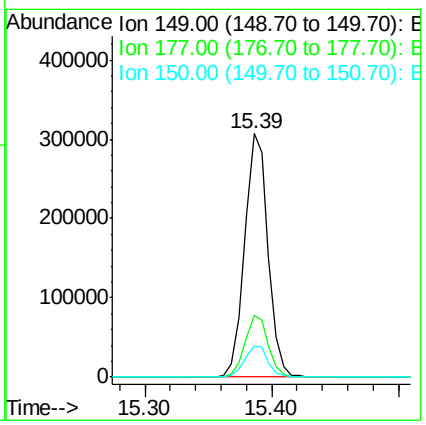


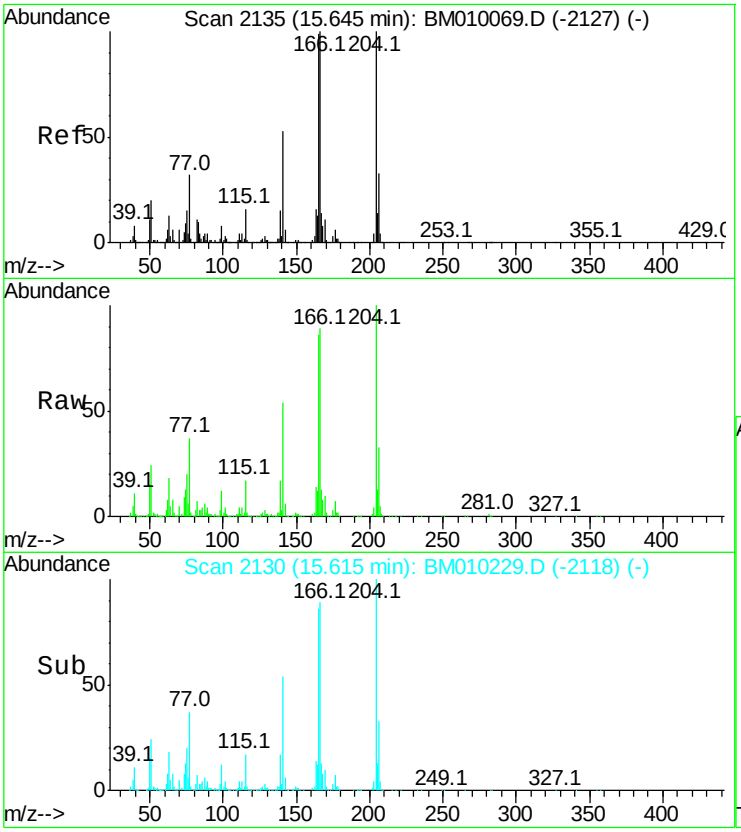


#59
Diethylphthalate
Concen: 50.86 ng
RT: 15.39 min Scan# 2091
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:149 Resp: 392977

Ion	Ratio	Lower	Upper
149	100		
177	25.6	18.3	27.5
150	12.7	9.8	14.8



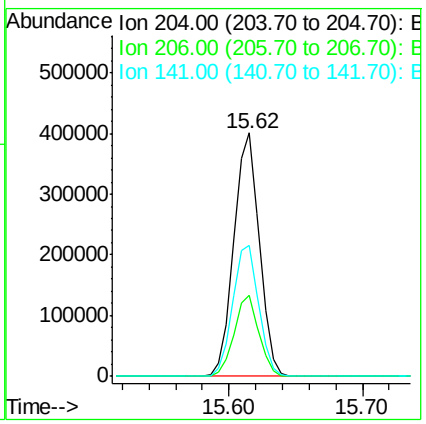


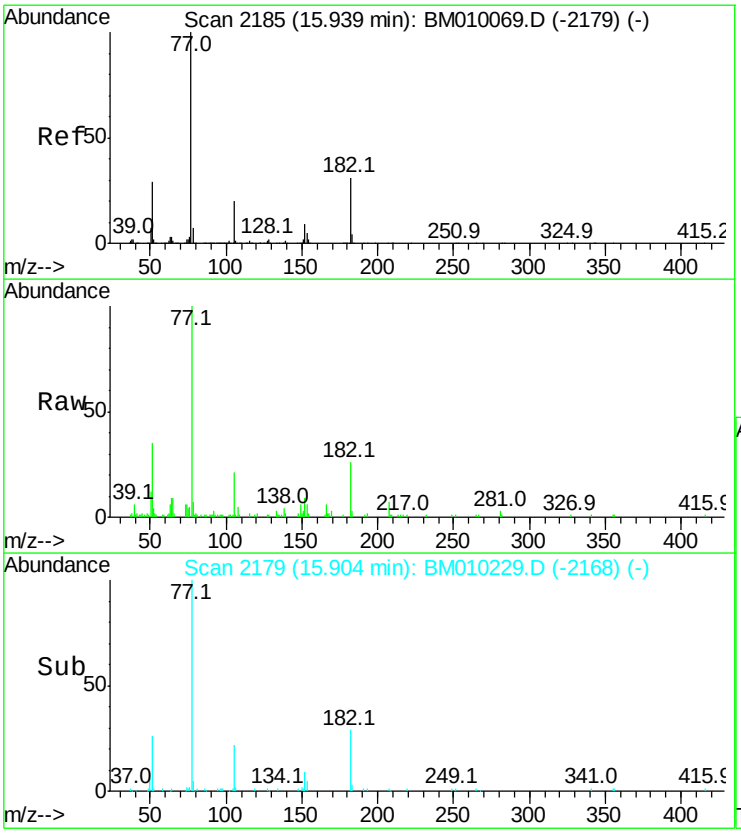
#60
4-Chlorophenyl-phenylether
Concen: 123.90 ng
RT: 15.62 min Scan# 2130
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:204 Resp: 533445

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	39.8
141	53.8	45.2	67.8

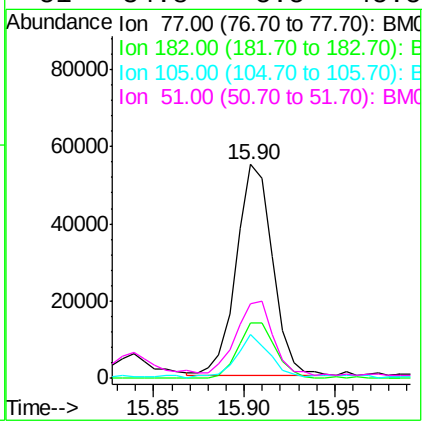


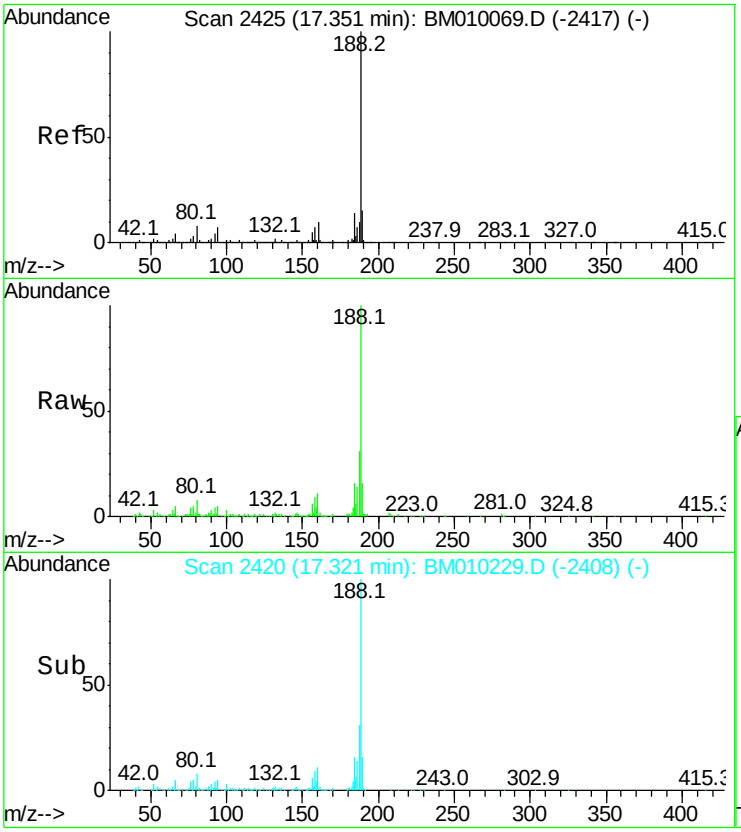


#62
Azobenzene
Concen: 13.45 ng
RT: 15.90 min Scan# 2179
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion: 77 Resp: 76402

Ion	Ratio	Lower	Upper
77	100		
182	25.6	6.5	46.5
105	20.5	3.8	43.8
51	34.8	5.5	45.5



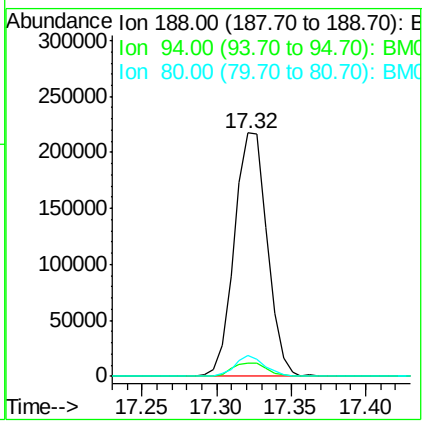


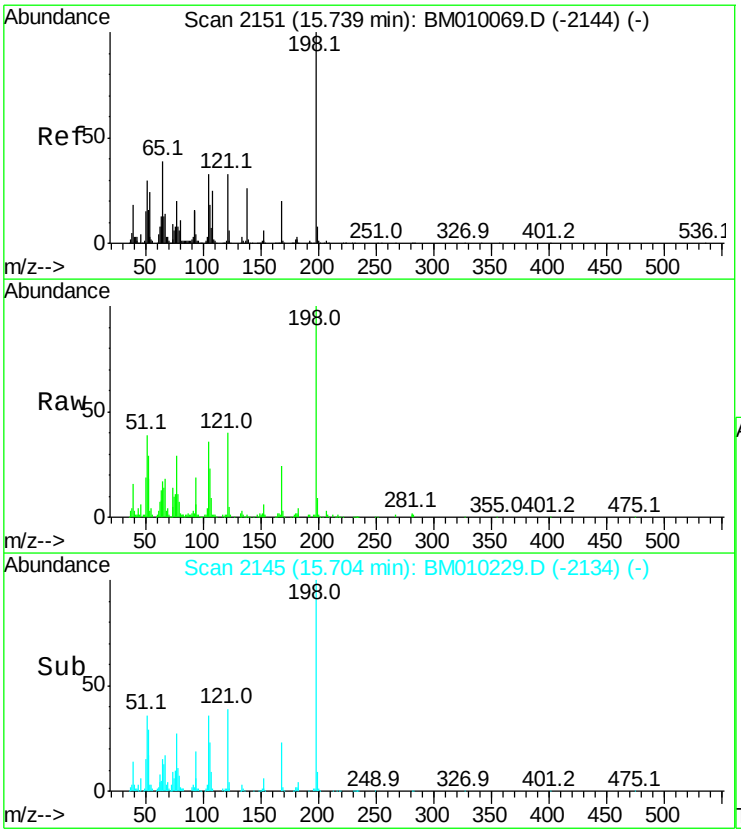
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 333198

Ion	Ratio	Lower	Upper
188	100		
94	5.3	8.7	13.1#
80	8.4	9.3	13.9#

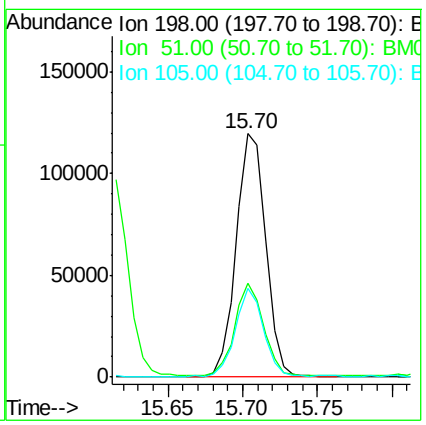


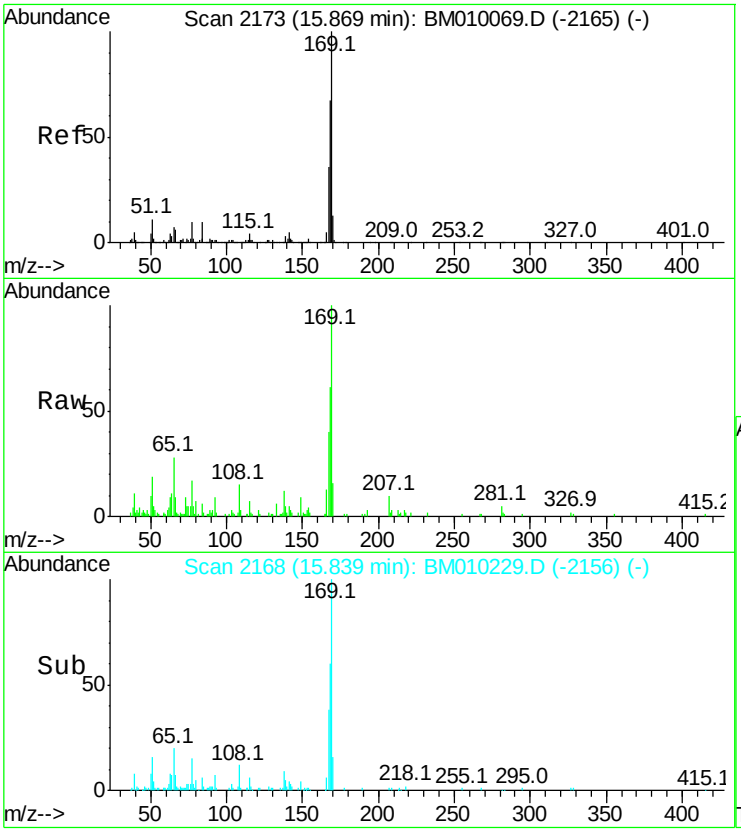


#64
4,6-Dinitro-2-methylphenol
Concen: 80.91 ng
RT: 15.70 min Scan# 2145
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:198 Resp: 164688

Ion	Ratio	Lower	Upper
198	100		
51	38.6	28.8	68.8
105	36.3	30.5	70.5



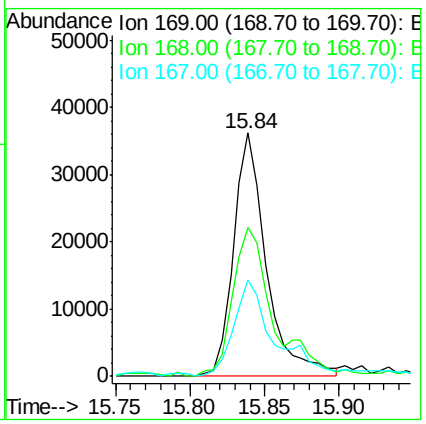


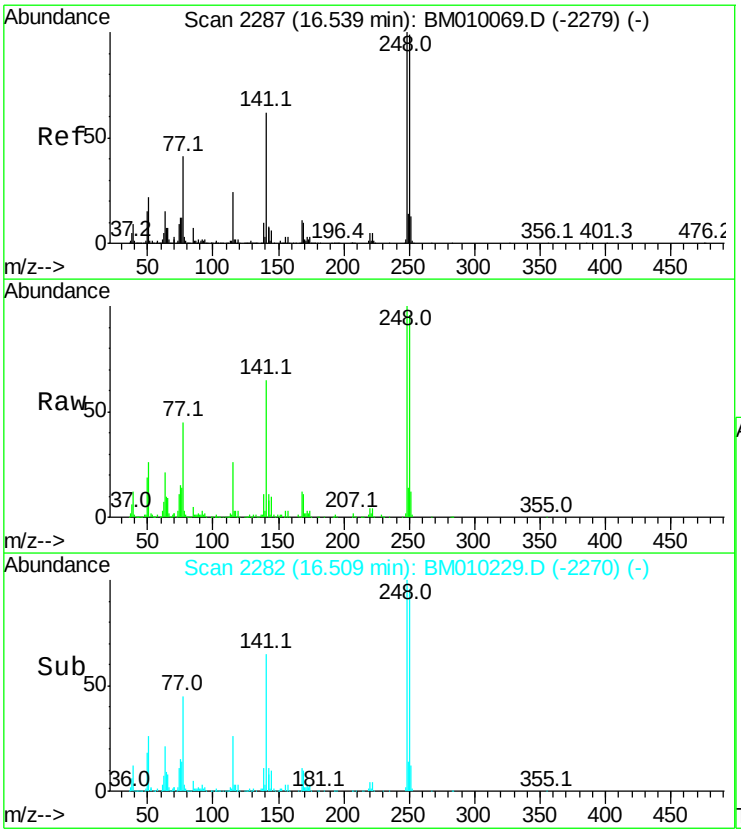
#65
n-Nitrosodiphenylamine
Concen: 5.57 ng
RT: 15.84 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:169 Resp: 55575

Ion	Ratio	Lower	Upper
169	100		
168	61.0	53.9	80.9
167	39.6	28.9	43.3

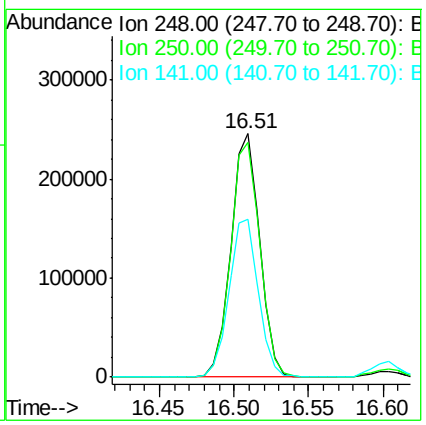


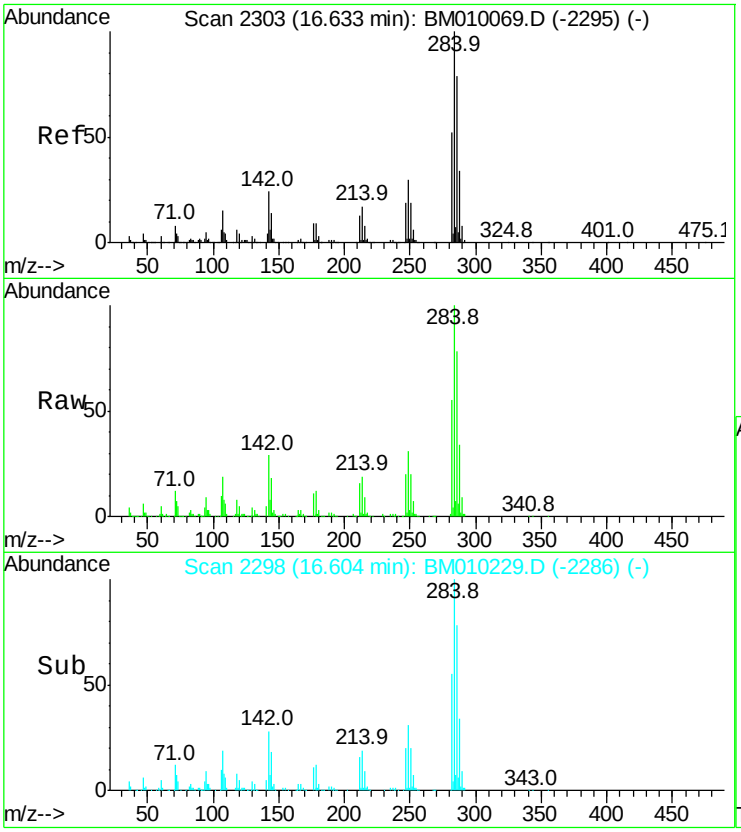


#66
4-Bromophenyl-phenylether
Concen: 77.66 ng
RT: 16.51 min Scan# 2282
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:248 Resp: 331243

Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.4	116.0
141	64.7	45.2	67.8



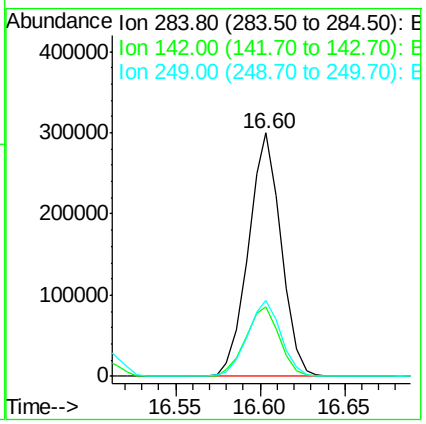


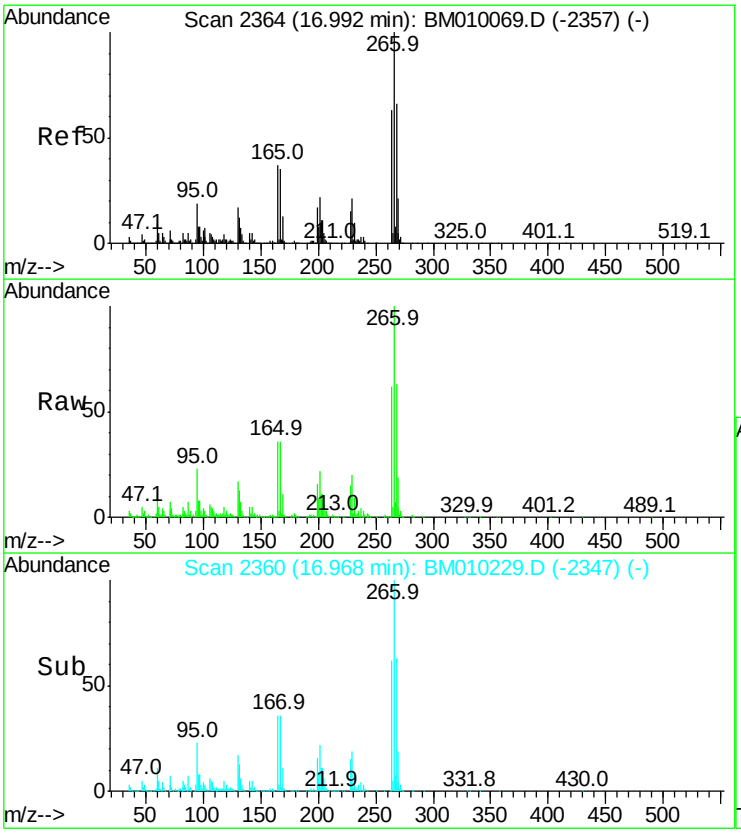
#67
Hexachlorobenzene
Concen: 77.59 ng
RT: 16.60 min Scan# 2298
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 402089

Ion	Ratio	Lower	Upper
284	100		
142	28.5	20.4	30.6
249	31.2	23.8	35.6

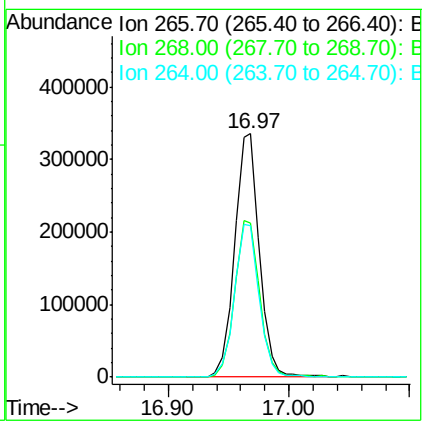


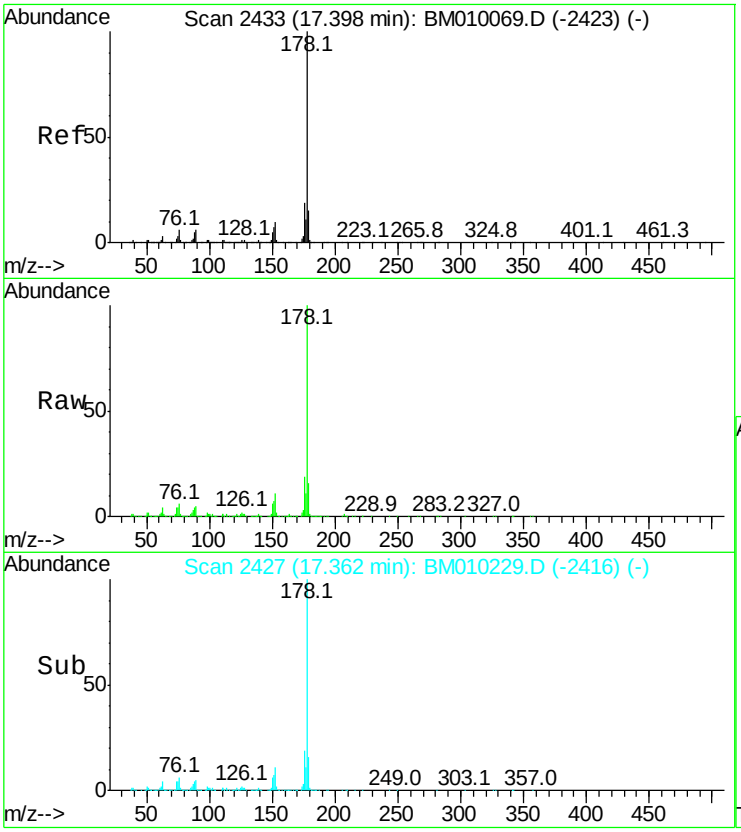


#69
Pentachlorophenol
Concen: 168.36 ng
RT: 16.97 min Scan# 2360
Delta R.T. -0.02 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:266 Resp: 479230

Ion	Ratio	Lower	Upper
266	100		
268	63.3	52.0	78.0
264	62.2	49.0	73.4



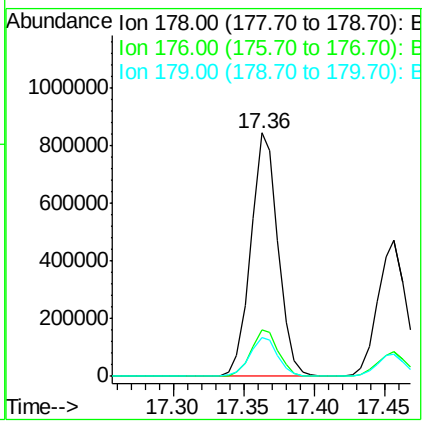


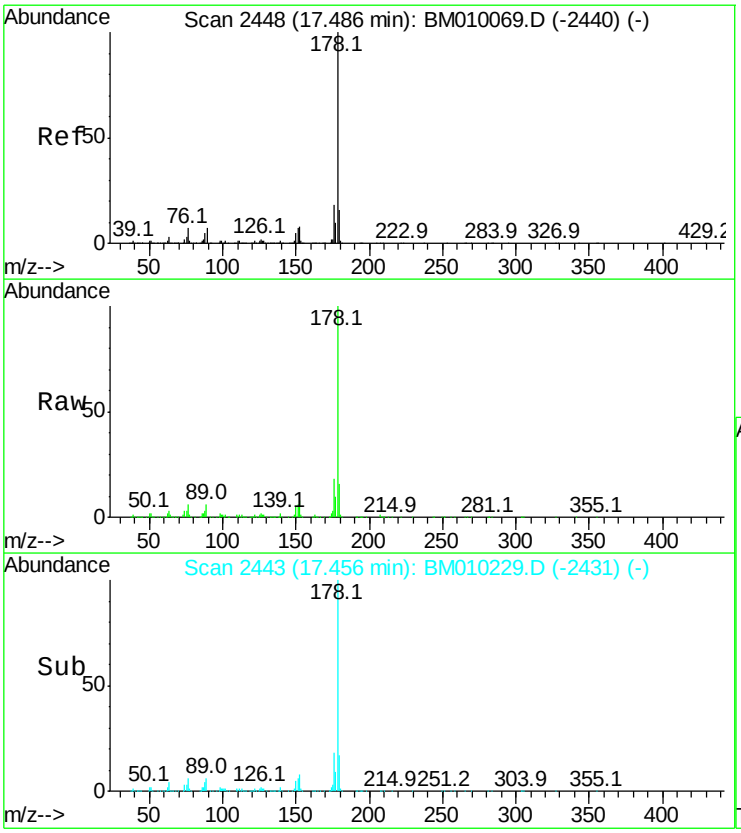
#70
Phenanthrene
Concen: 61.48 ng
RT: 17.36 min Scan# 2427
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1146177

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.8	12.1	18.1

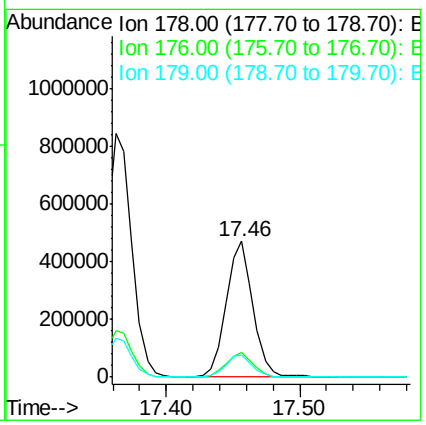


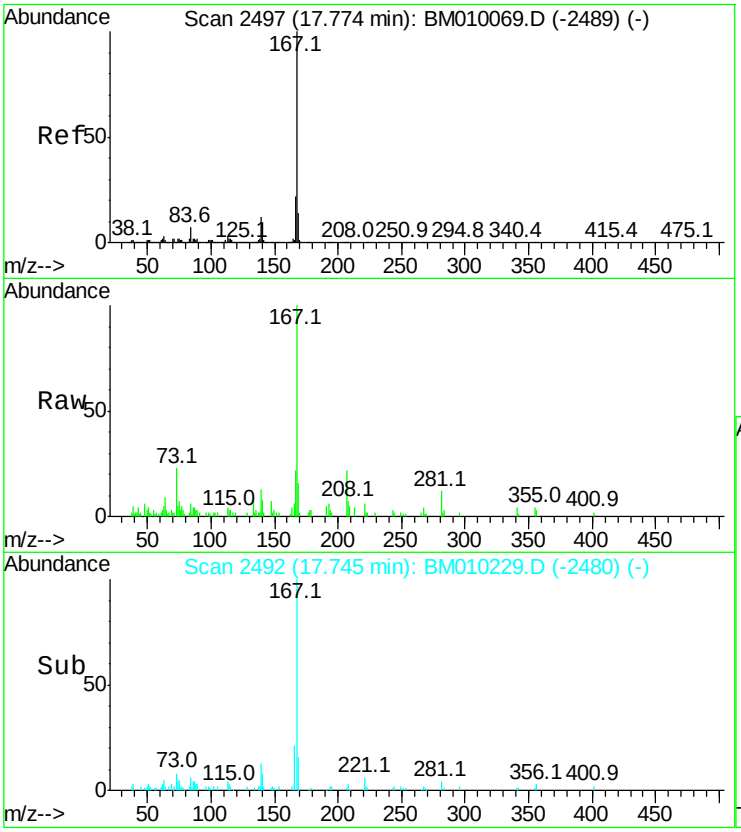


#71
Anthracene
Concen: 35.04 ng
RT: 17.46 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:178 Resp: 648182

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	22.0
179	16.4	12.6	19.0



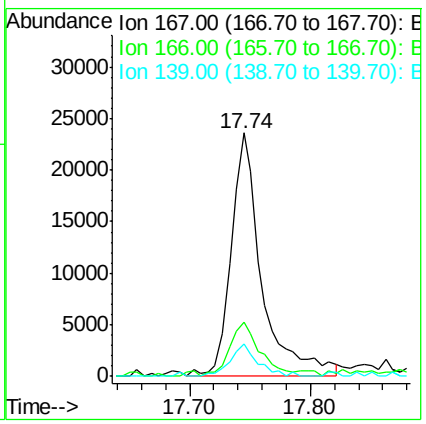


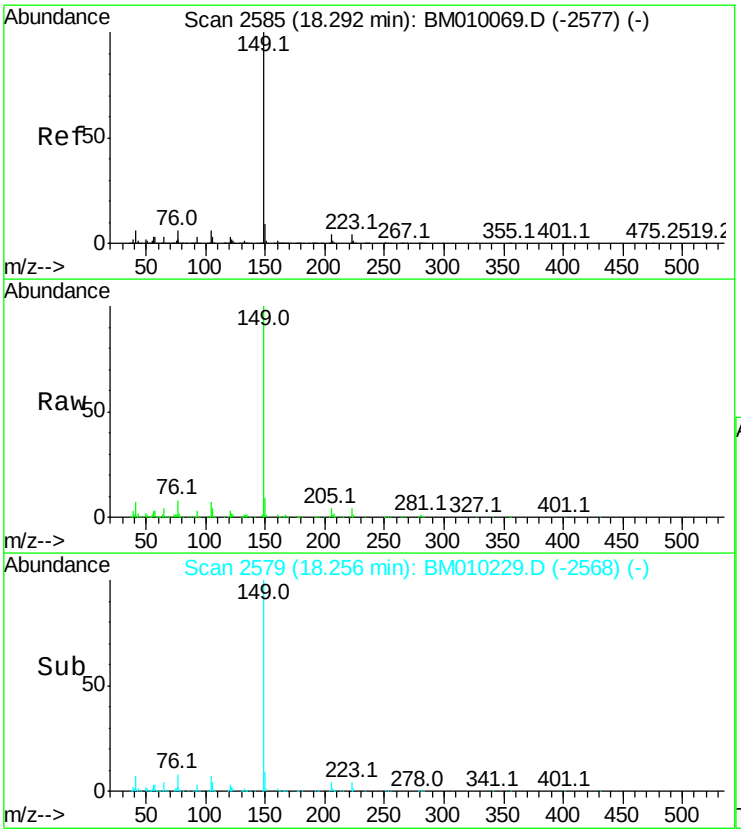
#72
Carbazole
Concen: 2.55 ng
RT: 17.74 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 41771

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.2	25.8
139	13.2	10.8	16.2

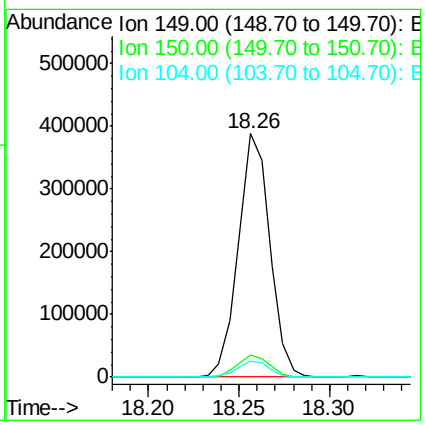


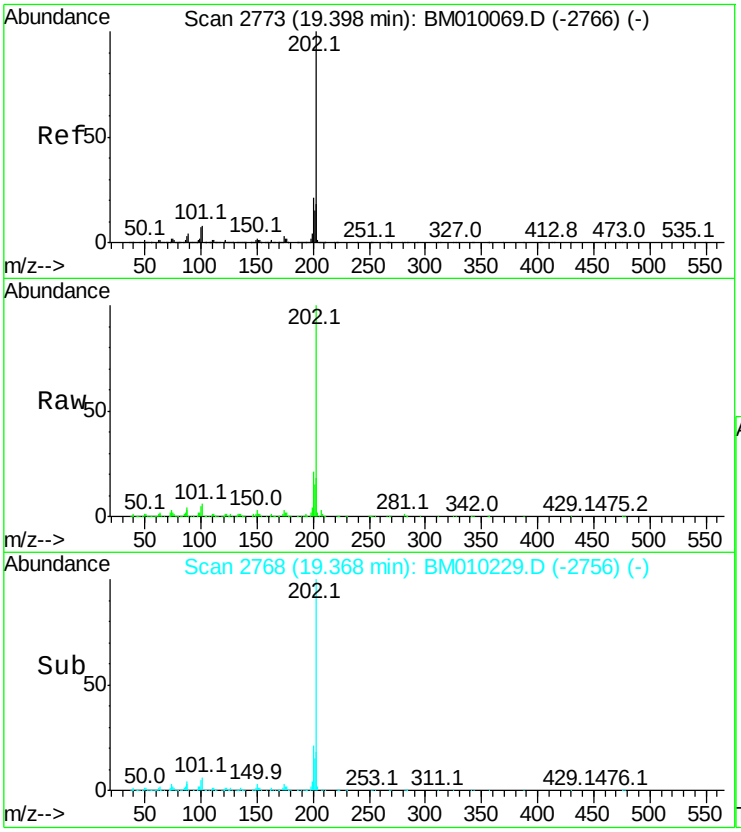


#73
Di-n-butylphthalate
Concen: 24.11 ng
RT: 18.26 min Scan# 2579
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:149 Resp: 468207

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	6.7	3.7	5.5#



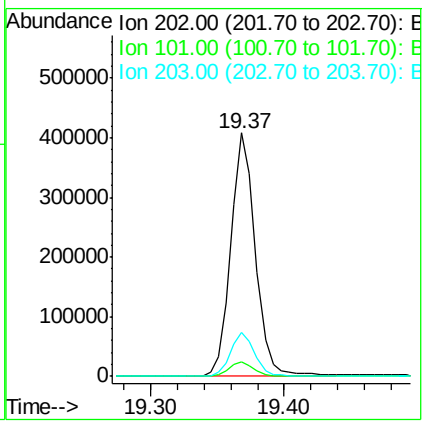


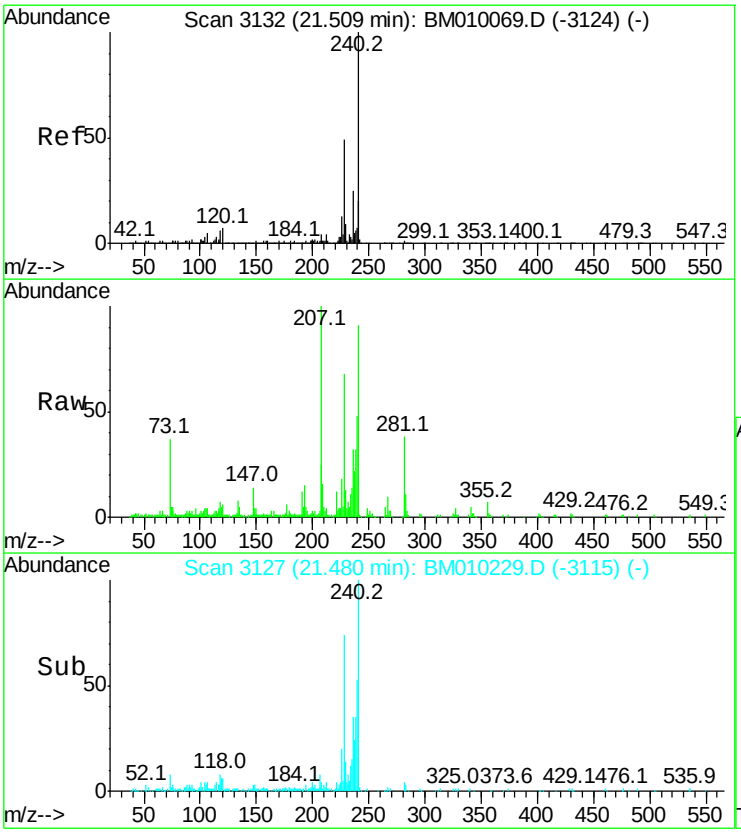
#74
Fluoranthene
Concen: 21.72 ng
RT: 19.37 min Scan# 2768
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 525745

Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	28.7
203	18.2	0.0	37.2

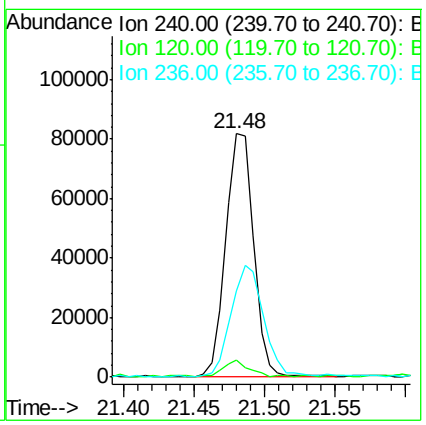


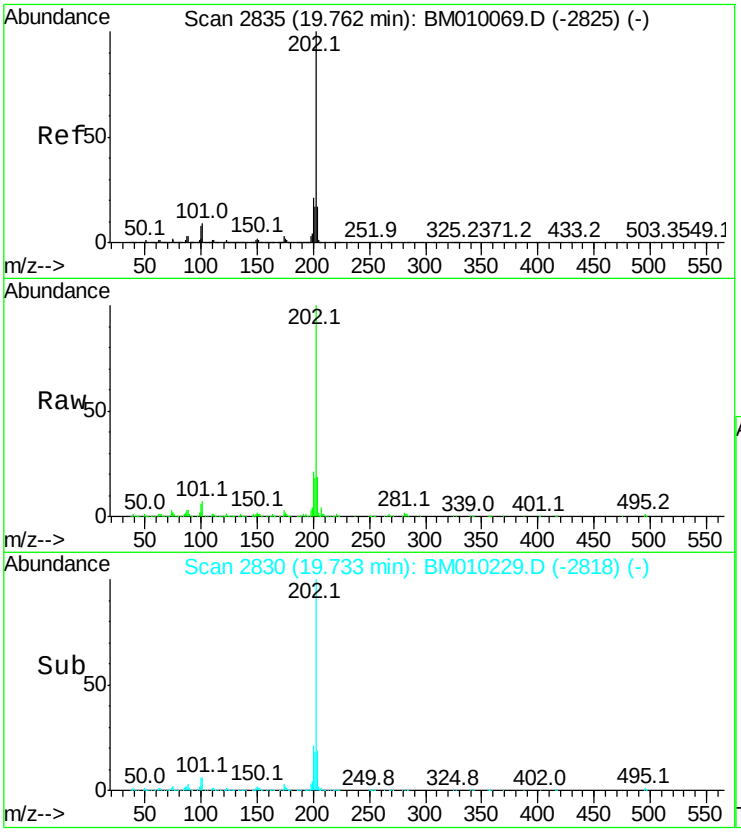


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:240 Resp: 113074

Ion	Ratio	Lower	Upper
240	100		
120	6.7	8.2	12.2#
236	35.2	20.0	30.0#



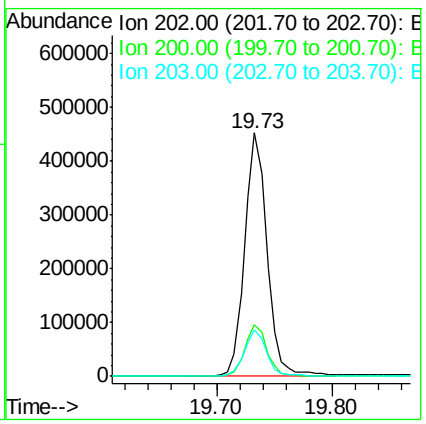


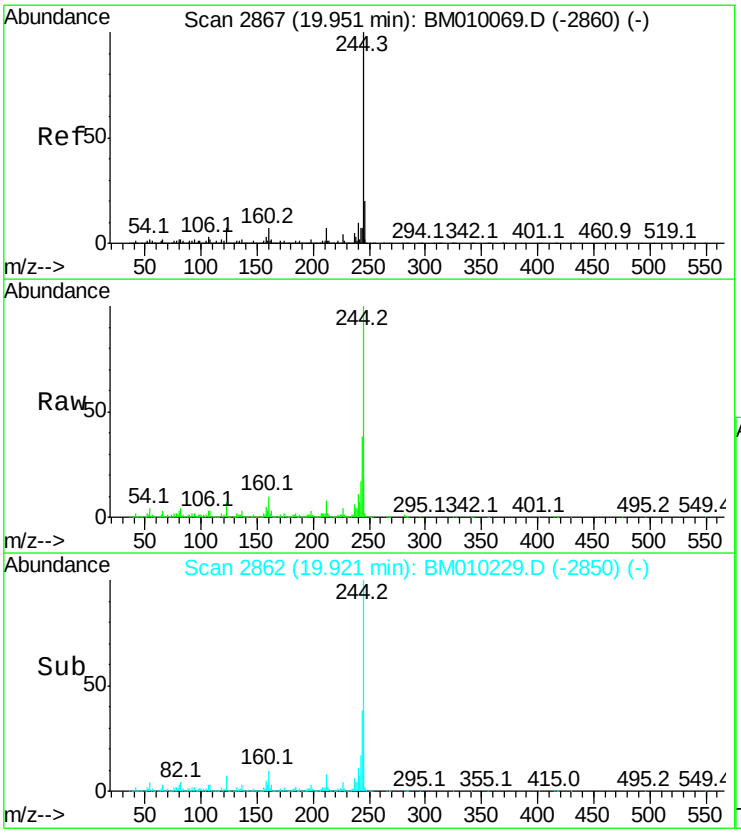
#77
Pyrene
Concen: 100.74 ng
RT: 19.73 min Scan# 2830
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 610744

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	18.9	14.1	21.1

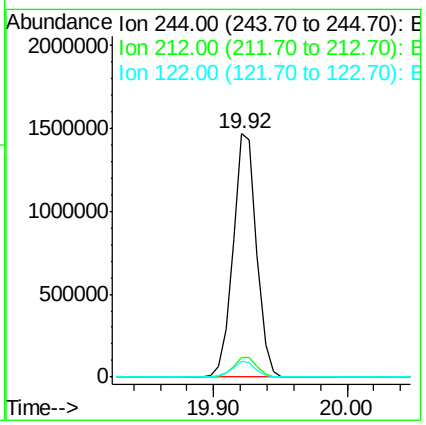


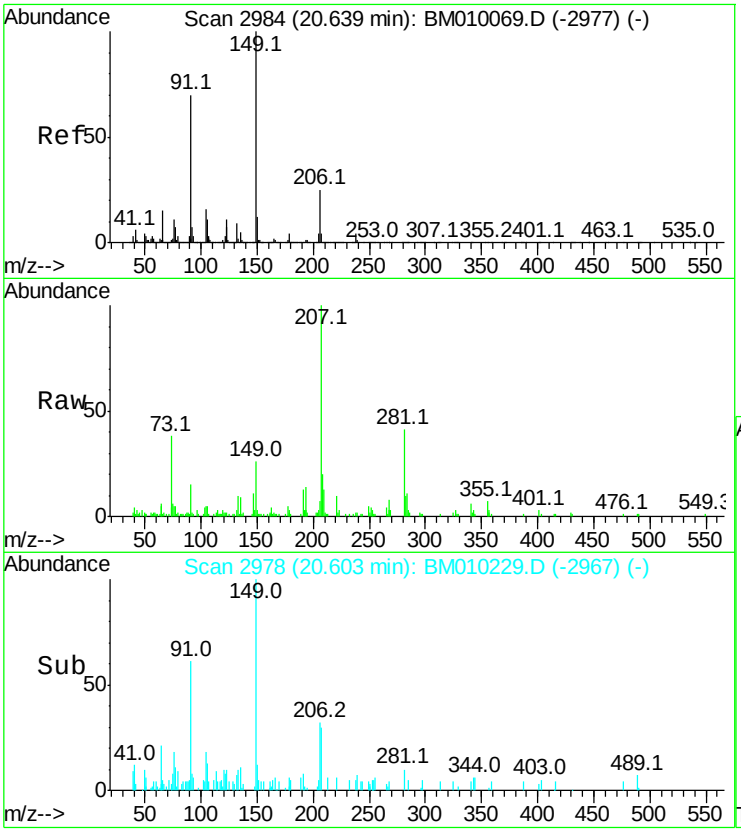


#78
Terphenyl-d14
Concen: 360.01 ng
RT: 19.92 min Scan# 2862
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:244 Resp: 1790316

Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	6.7	6.2	9.4



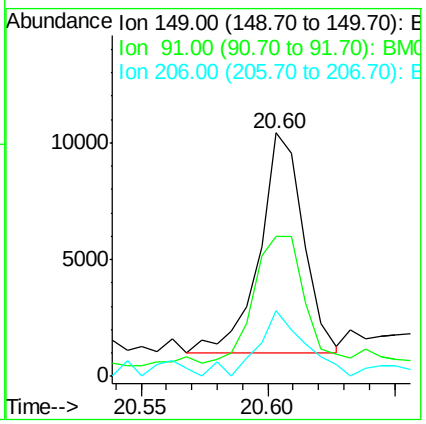


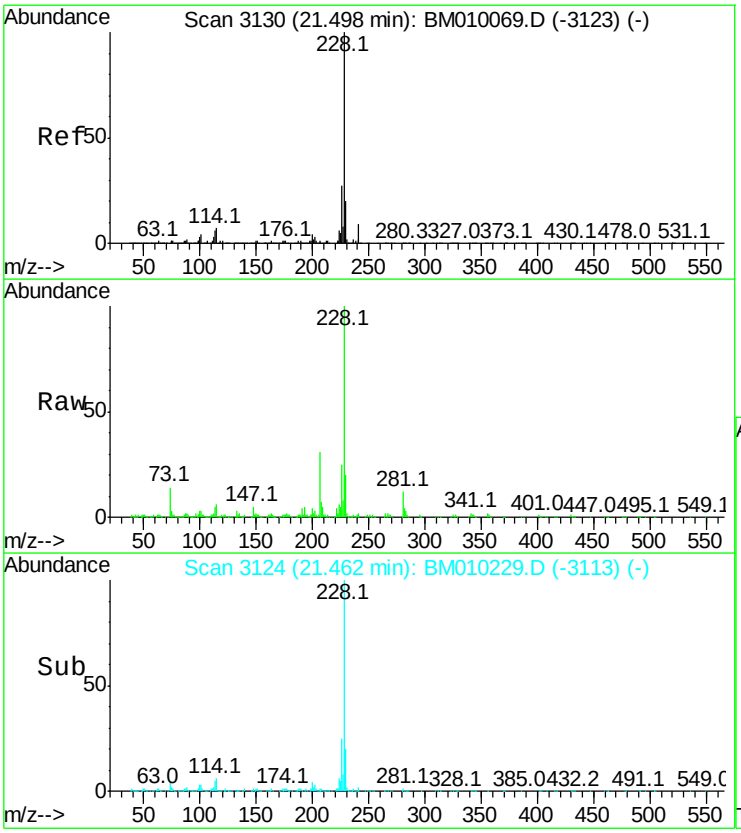
#79
Butylbenzylphthalate
Concen: 5.06 ng
RT: 20.60 min Scan# 2978
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 11346

Ion	Ratio	Lower	Upper
149	100		
91	57.3	50.1	75.1
206	27.0	16.2	24.2#

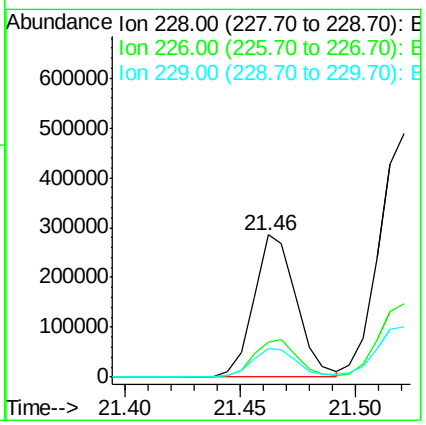


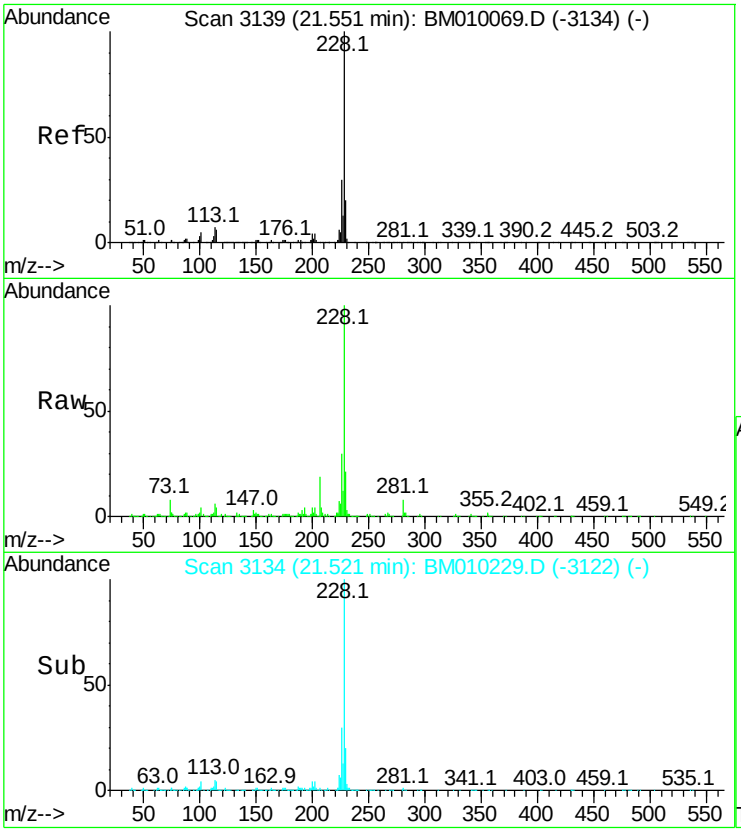


#80
Benzo(a)anthracene
Concen: 58.52 ng
RT: 21.46 min Scan# 3124
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:228 Resp: 364663

Ion	Ratio	Lower	Upper
228	100		
226	24.8	21.7	32.5
229	20.0	16.0	24.0



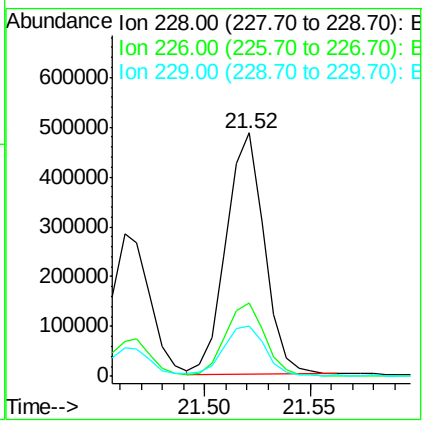


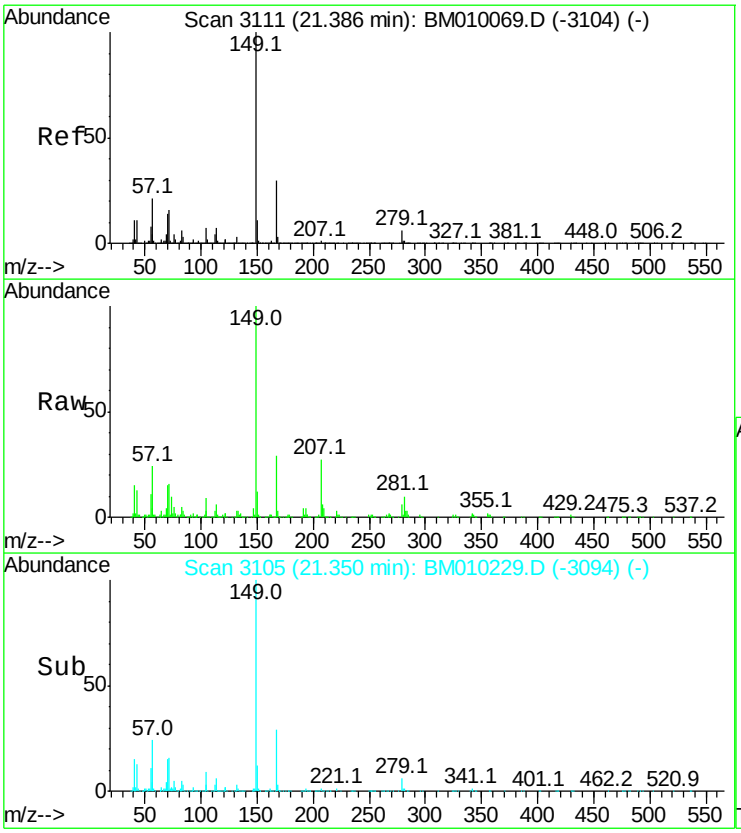
#82
Chrysene
Concen: 102.99 ng
RT: 21.52 min Scan# 3134
Delta R.T. -0.03 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 608728

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	20.8	15.5	23.3

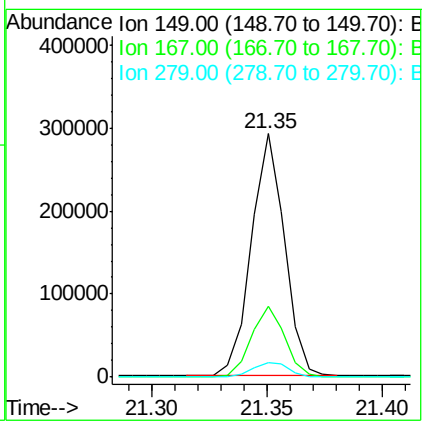


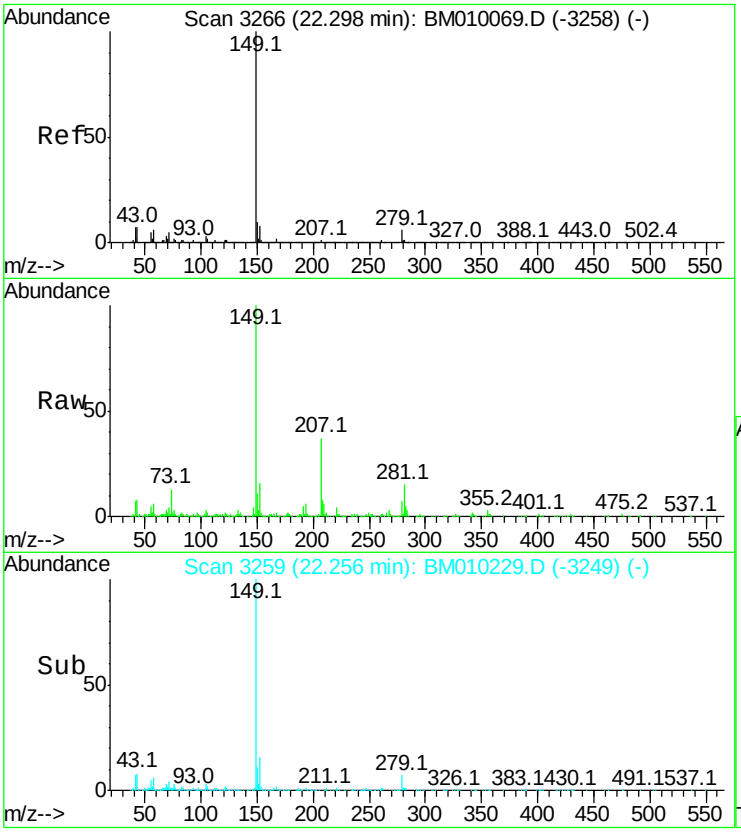


#83
Bis(2-ethylhexyl)phthalate
Concen: 87.12 ng
RT: 21.35 min Scan# 3105
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:149 Resp: 292387

Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.4	33.6
279	6.1	3.4	5.0#



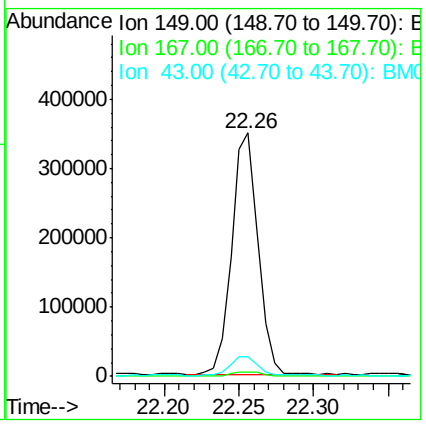


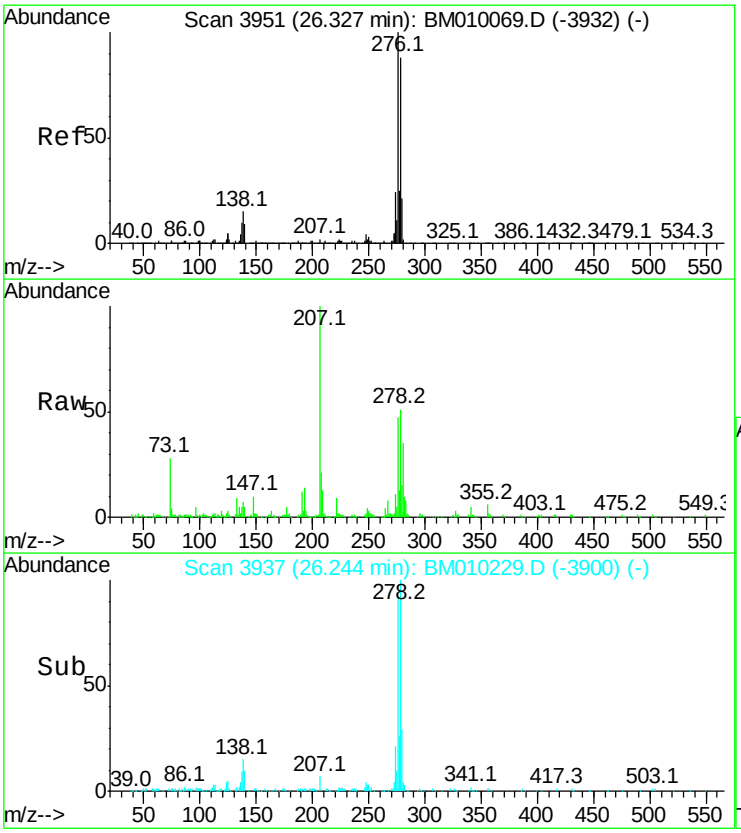
#84
Di-n-octyl phthalate
Concen: 71.62 ng
RT: 22.26 min Scan# 3259
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 430297

Ion	Ratio	Lower	Upper
149	100		
167	2.2	1.2	1.8#
43	8.6	7.3	10.9

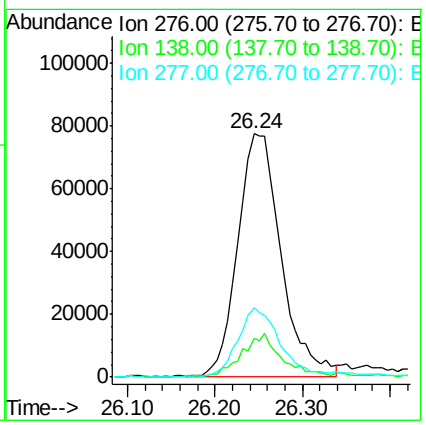


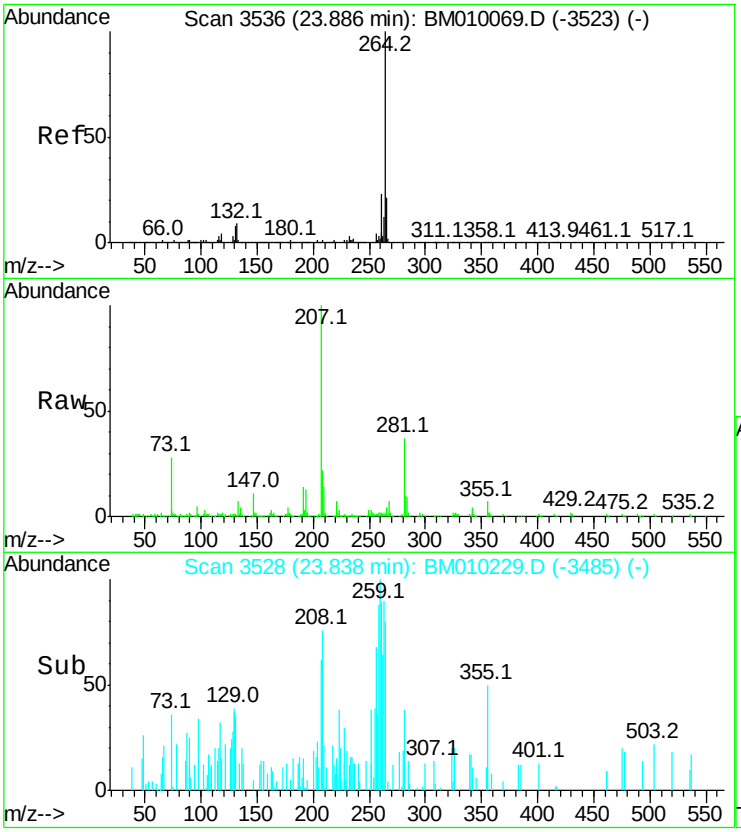


#85
Indeno(1,2,3-cd)pyrene
Concen: 30.38 ng
RT: 26.24 min Scan# 3937
Delta R.T. -0.08 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:276 Resp: 263316

Ion	Ratio	Lower	Upper
276	100		
138	16.4	0.0	0.0#
277	27.5	0.0	0.0#



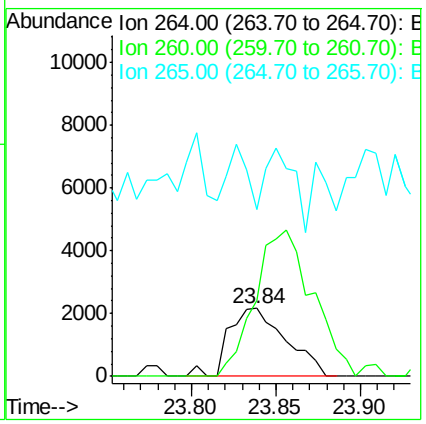


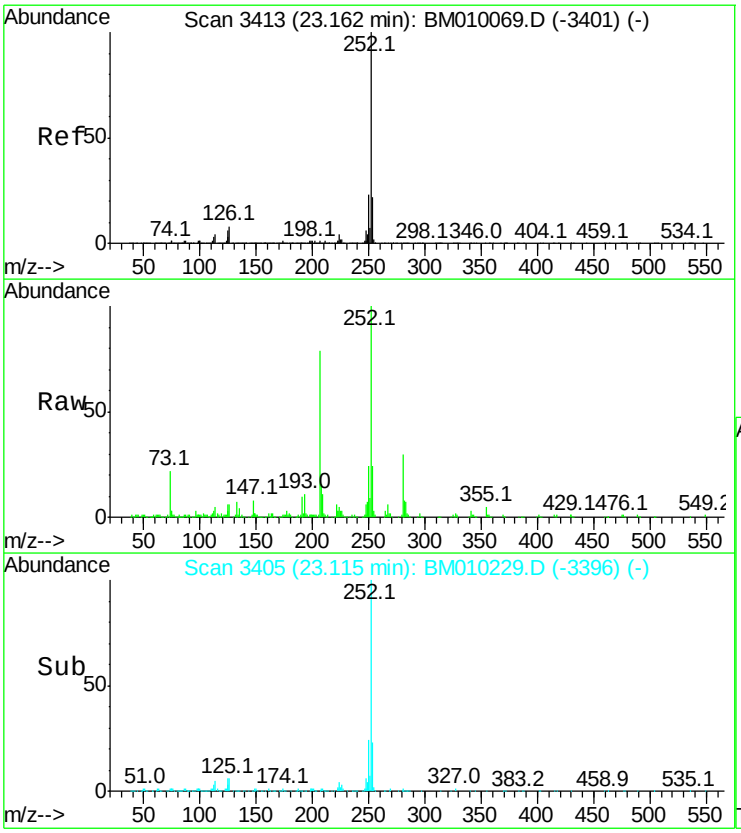
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.84 min Scan# 3528
Delta R.T. -0.05 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 5032

Ion	Ratio	Lower	Upper
264	100		
260	111.3	18.6	27.8#
265	245.0	17.3	25.9#

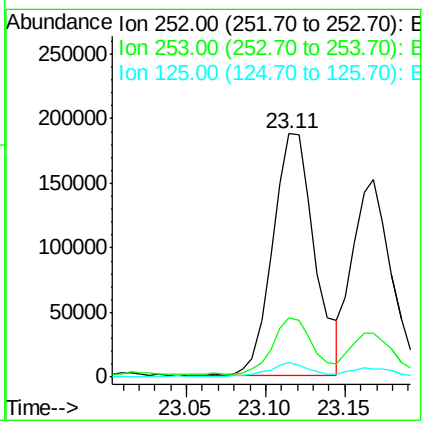


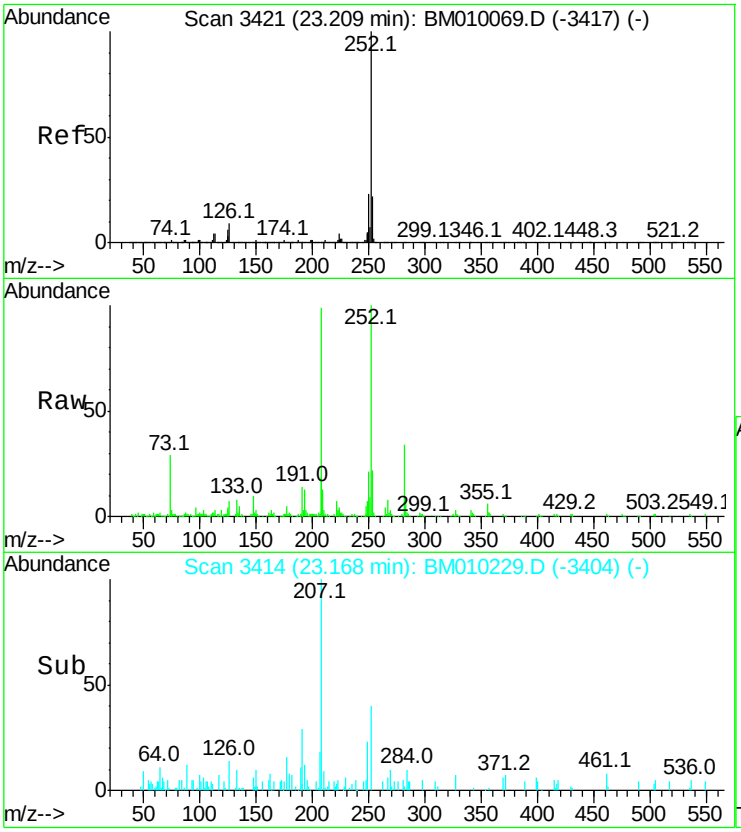


#87
Benzo(b)fluoranthene
Concen: 1181.47 ng
RT: 23.11 min Scan# 3405
Delta R.T. -0.05 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:252 Resp: 347939

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	6.1	9.9	14.9#



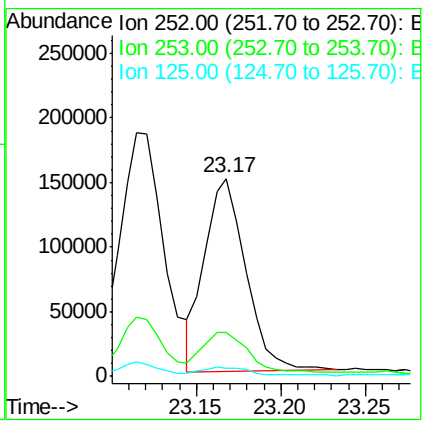


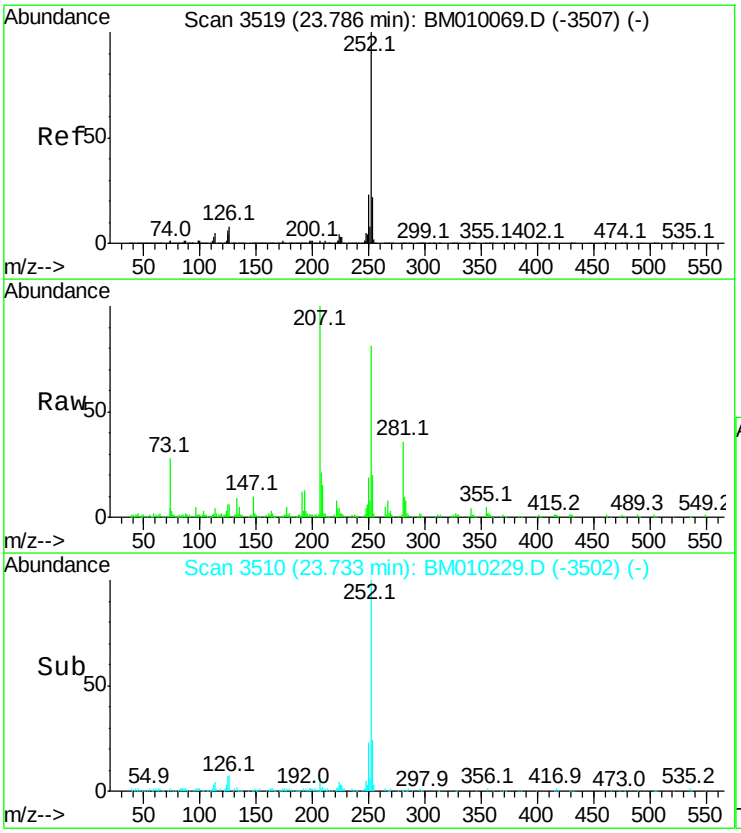
#88
Benzo(k)fluoranthene
Concen: 887.32 ng
RT: 23.17 min Scan# 3414
Delta R.T. -0.04 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 256017

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	4.2	8.1	12.1#

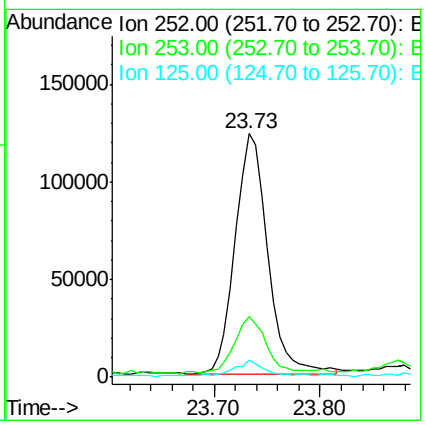


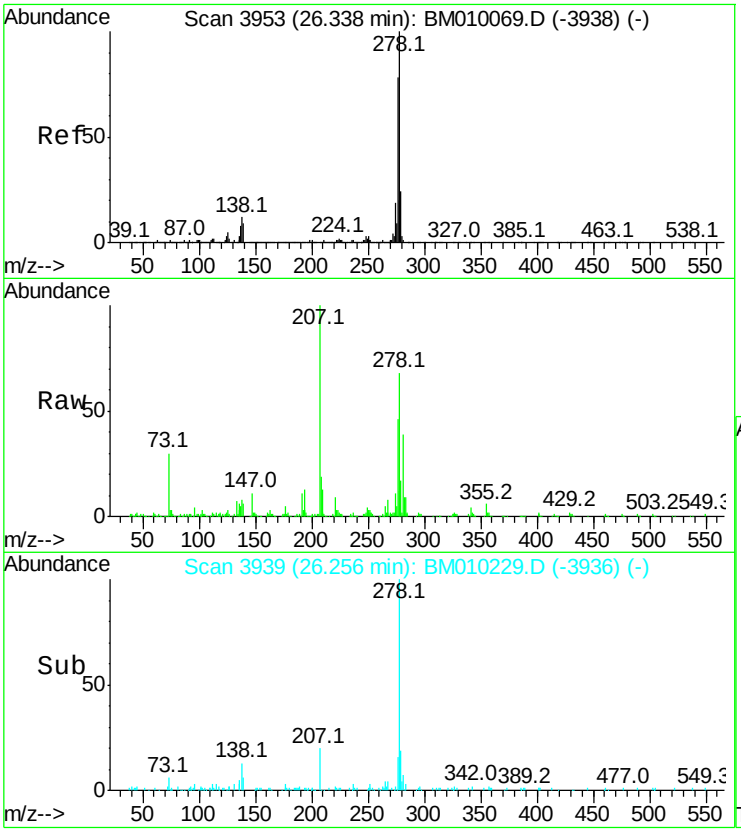


#89
Benzo(a)pyrene
Concen: 938.96 ng
RT: 23.73 min Scan# 3510
Delta R.T. -0.05 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:252 Resp: 263497

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.6	26.4
125	7.2	7.4	11.2#



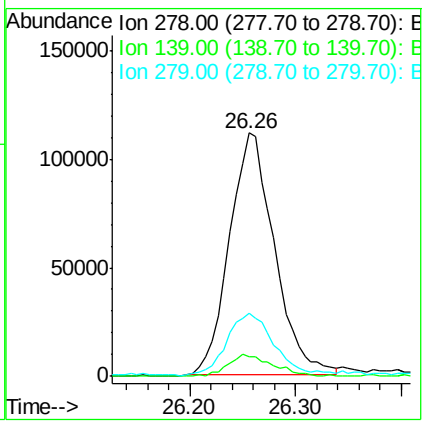


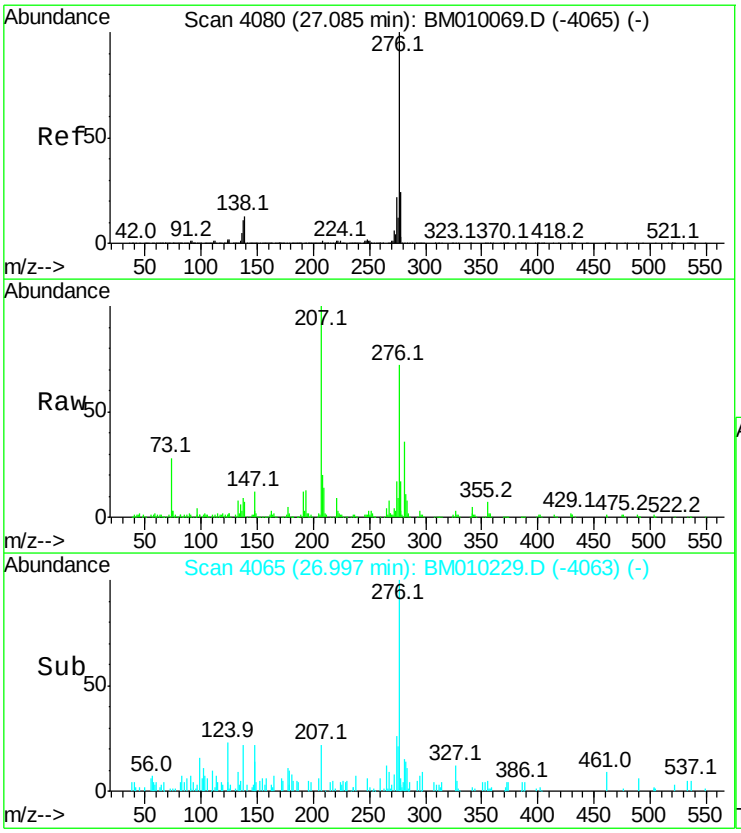
#90
Dibenzo(a,h)anthracene
Concen: 1047.27 ng
RT: 26.26 min Scan# 3939
Delta R.T. -0.08 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 328640

Ion	Ratio	Lower	Upper
278	100		
139	8.2	13.4	20.0#
279	25.9	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 1269.22 ng
RT: 27.00 min Scan# 4065
Delta R.T. -0.09 min
Lab File: BM010229.D
Acq: 25 May 2017 22:20

Tgt Ion:276 Resp: 390266

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.5	27.7
138	10.2	19.0	28.6#