Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072017\

Quantitation Report (Not Reviewed)

Data File : BM010927.D
Acq On : 21 Jul 2017 02:17
Operator : SJ/JU
Sample : I4274-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : M-COMB-6

Quant Time: Jul 21 03:31:08 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.60
21) Naphthalene-d8	7.75	136	507	20.00	ng	-0.14
38) Acenaphthene-d10	9.43	164	128	20.00	ng	-0.20
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.10
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.73
86) Perylene-d12	0.00	264	0	0.00	ng	-15.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1559576	0.00	ng	-0.12
7) Phenol-d6	6.47	99	125	0.00	ng	0.22
23) Nitrobenzene-d5	7.10	82	131	16.00	ng	-0.07
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						Qvalue
22) Acetophenone	6.98	105	58836	5192.19	ng	# 81
24) Nitrobenzene	7.09	77	2772	327.45	ng	# 44
25) Isophorone	7.42	82	418	27.45	ng	# 67
27) 2,4-Dimethylphenol	7.44	122	1367	176.53	ng	# 5
28) bis(2-Chloroethoxy)methane	7.66	93	500	48.59	ng	# 49
32) Benzoic acid	7.44	122	1367	276.19	ng	# 1
35) Caprolactam	8.02	113	244	108.64	ng	# 1
36) 4-Chloro-3-methylphenol	8.20	107	409703	54358.03	ng	# 14
40) Hexachlorocyclopentadiene	8.56	237	157	118.11	ng	# 27
45) 1,1'-Biphenyl	8.96	154	106	9.66	ng	# 42
47) 2-Nitroaniline	8.98	65	1448	521.12	ng	# 1
49) Dimethylphthalate	9.15	163	117	12.14	ng	# 76
50) 2,6-Dinitrotoluene	9.19	165	110	52.69	ng	# 31
55) 4-Nitrophenol	9.61	139	111	61.44	ng	# 29
56) 2,4-Dinitrotoluene	9.83	165	728	271.38	ng	# 31
59) Diethylphthalate	9.73	149	611	65.12	ng	# 60
61) 4-Nitroaniline	10.19	138	4458	1919.63	ng	# 1
62) Azobenzene	10.11	77	626	75.63	ng	# 50

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

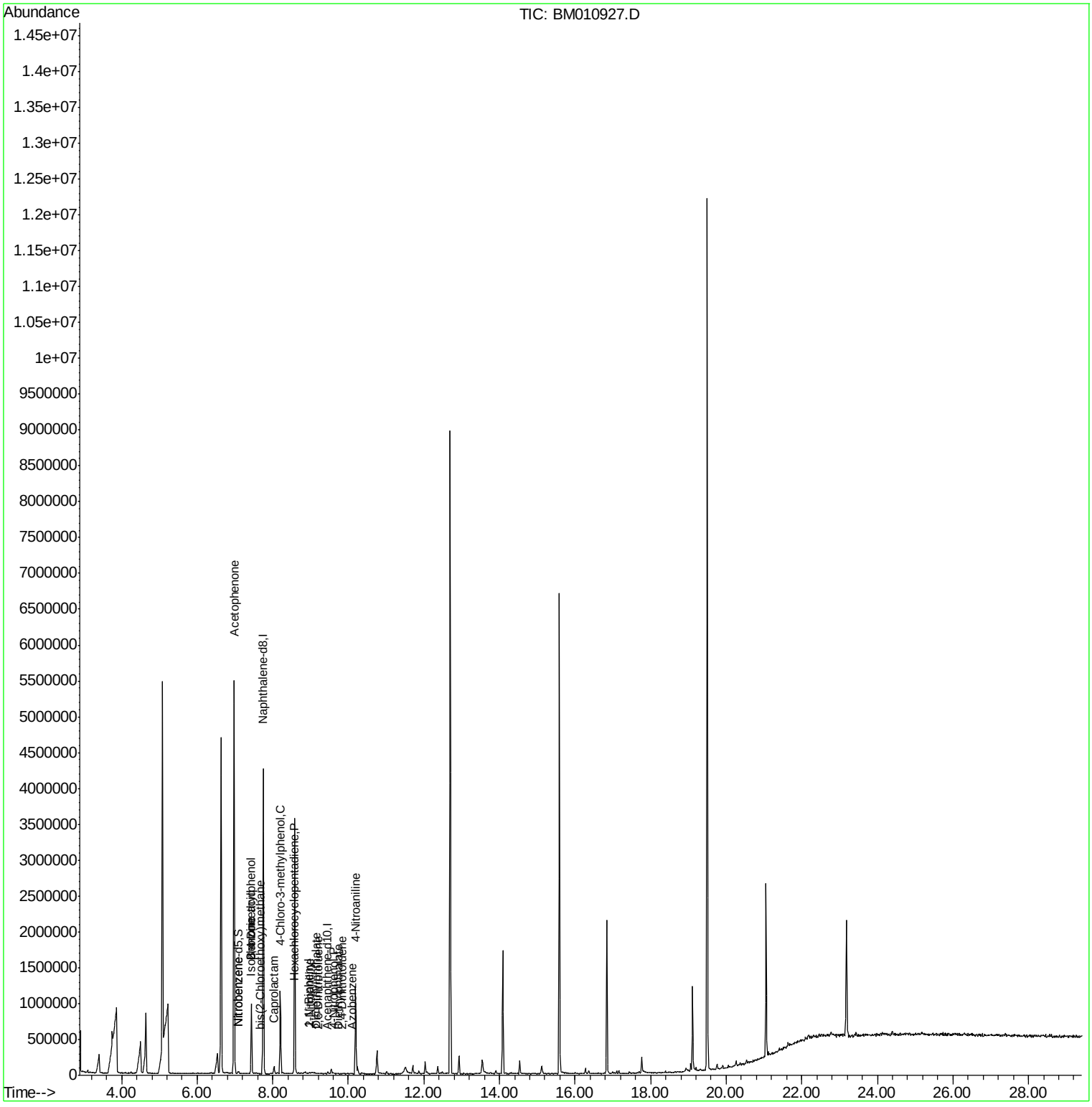
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072017\

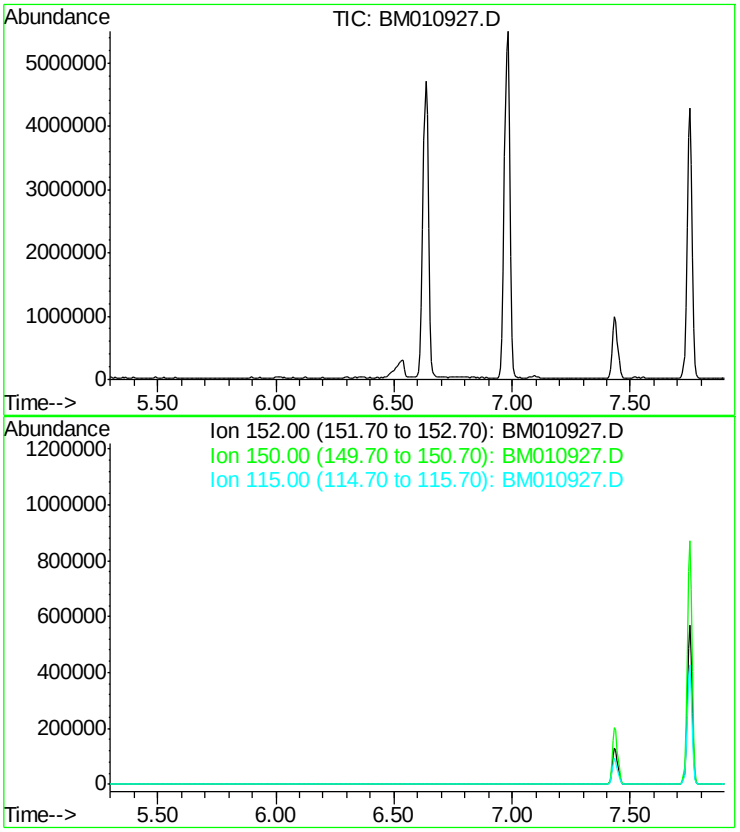
Quantitation Report (Not Reviewed)

Data File : BM010927.D
Acq On : 21 Jul 2017 02:17
Operator : SJ/JU
Sample : I4274-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : M-COMB-6

Quant Time: Jul 21 03:31:08 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration





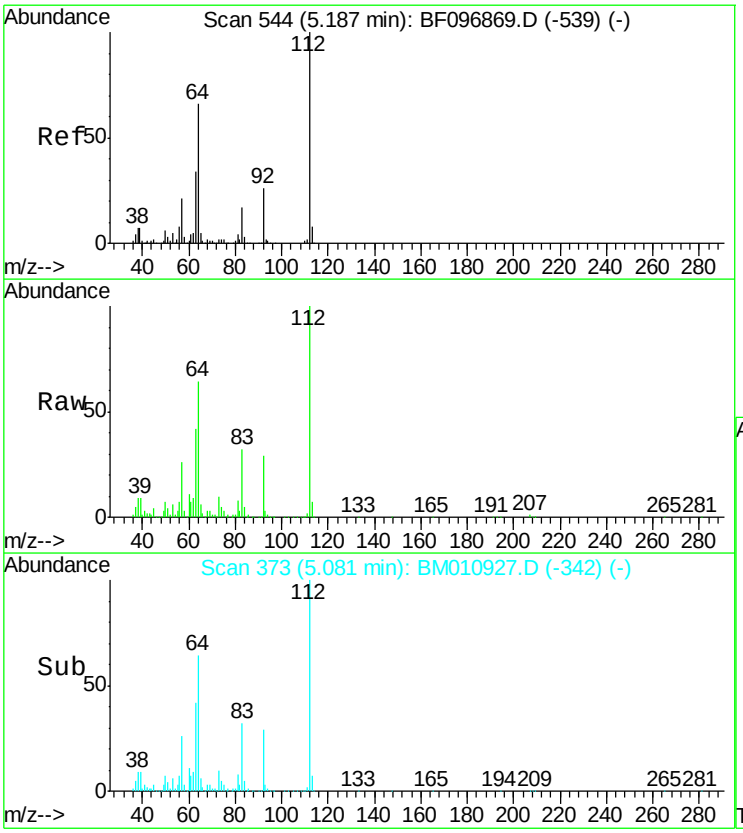
#1
1,4-Dichlorobenzene-d4
Concen: 0.00 ng
Expected RT: 6.60 min

Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion: 152

Sig	Exp Ratio
152	100
150	157.7
115	65.2

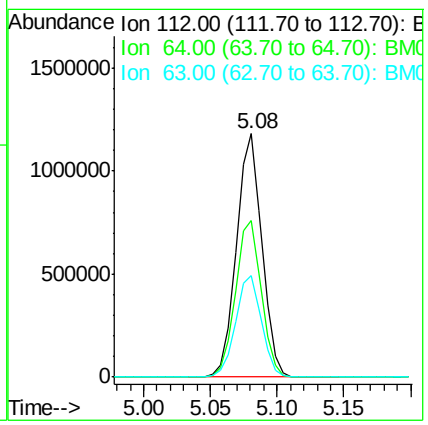
Instrument :
BNA_M
ClientSampleId :
M-COMB-6

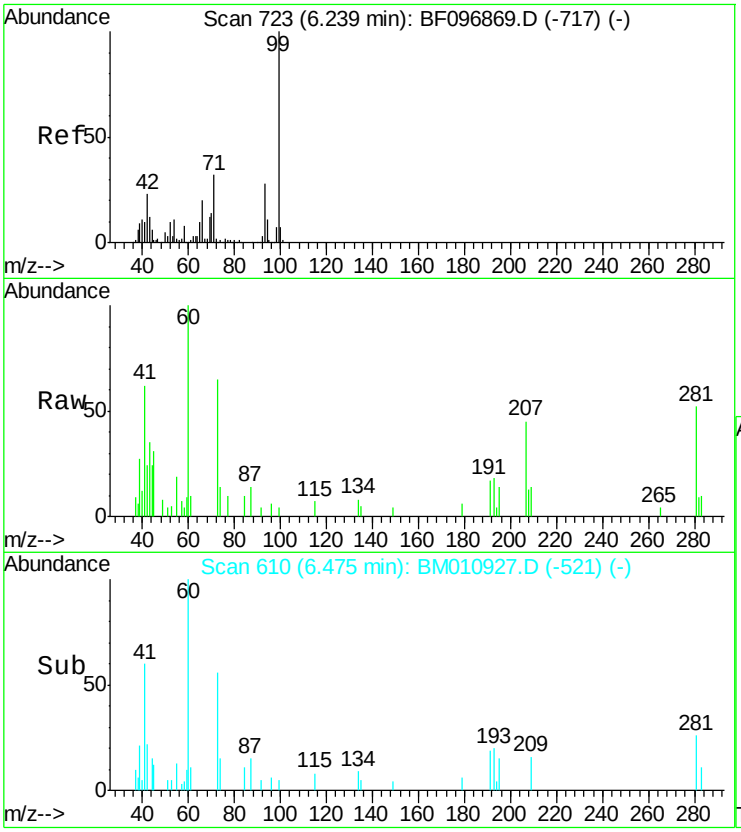


#5
2-Fluorophenol
Concen: 0.00 ng
RT: 5.08 min Scan# 373
Delta R.T. -0.12 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion:112 Resp: 1559576

Ion	Ratio	Lower	Upper
112	100		
64	64.3	46.0	69.0
63	41.9	23.4	35.0#



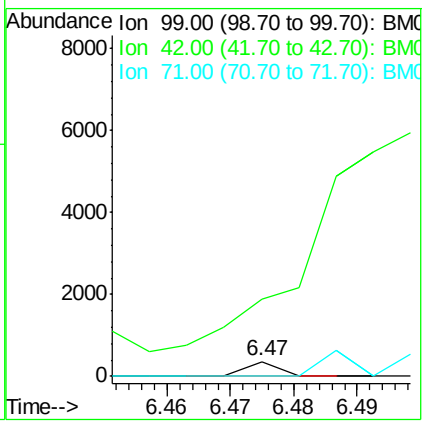


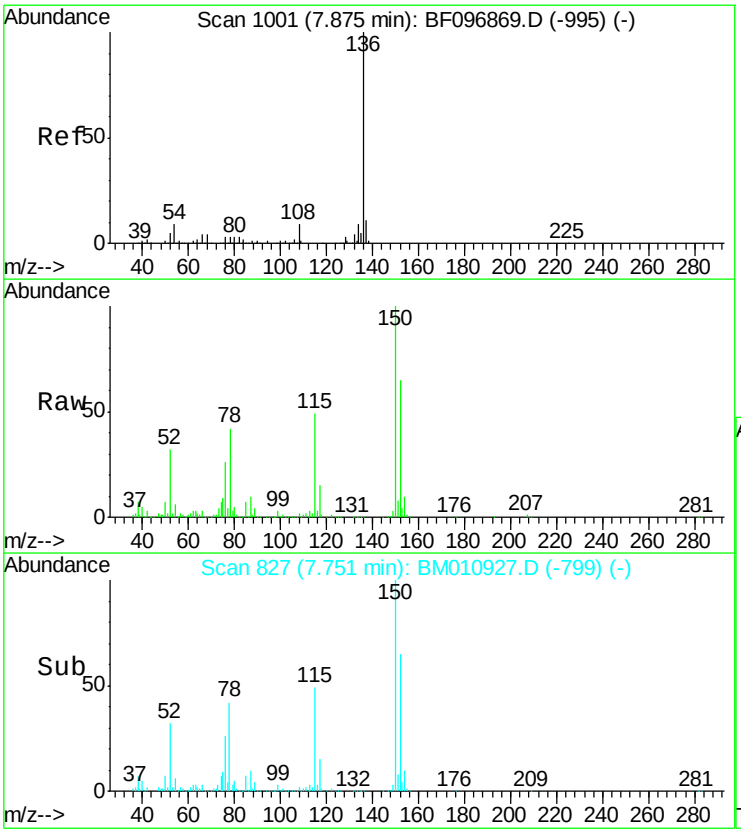
#7
Phenol-d6
Concen: 0.00 ng
RT: 6.47 min Scan# 610
Delta R.T. 0.22 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Instrument :
BNA_M
ClientSampleId :
M-COMB-6

Tgt Ion: 99 Resp: 125

Ion	Ratio	Lower	Upper
99	100		
42	534.9	13.5	20.3#
71	0.0	24.5	36.7#

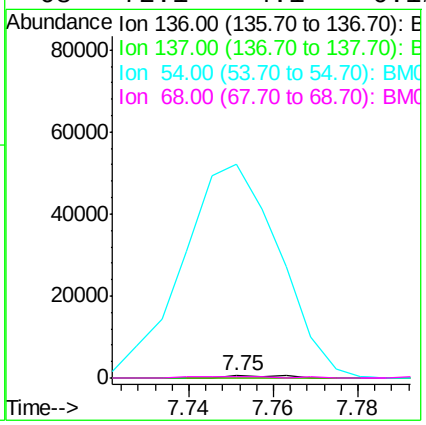


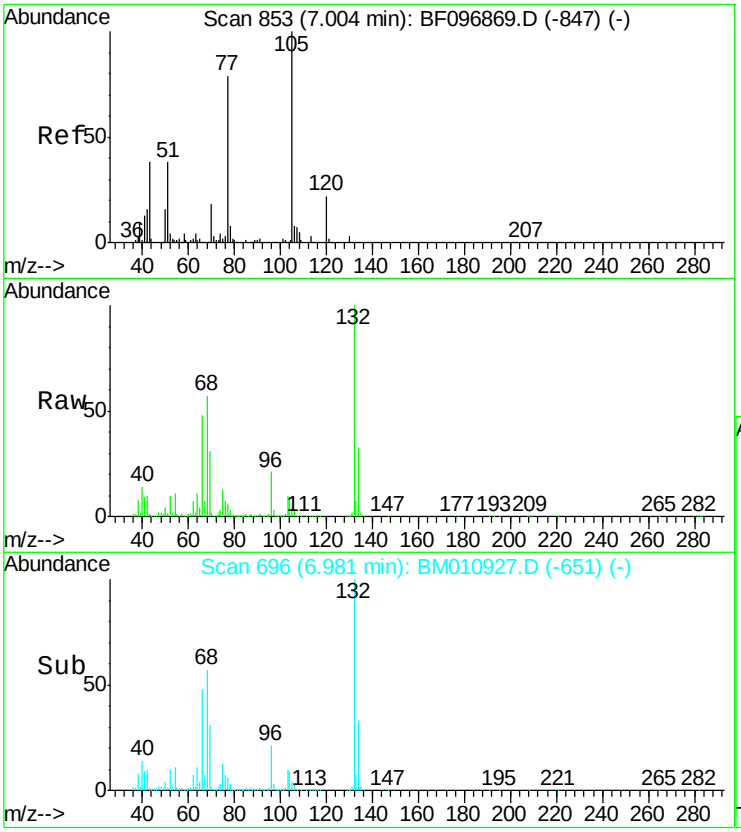


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.75 min Scan# 827
Delta R.T. -0.14 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion:136 Resp: 507

Ion	Ratio	Lower	Upper
136	100		
137	0.0	8.5	12.7#
54	9489.3	4.9	7.3#
68	72.1	4.1	6.1#



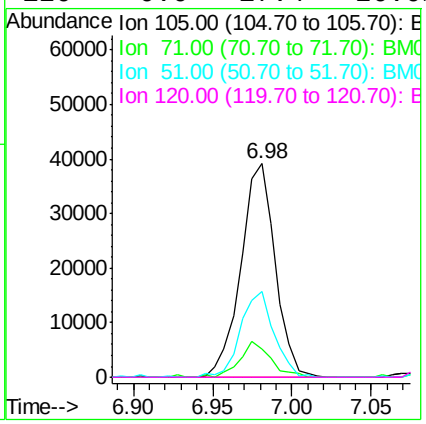


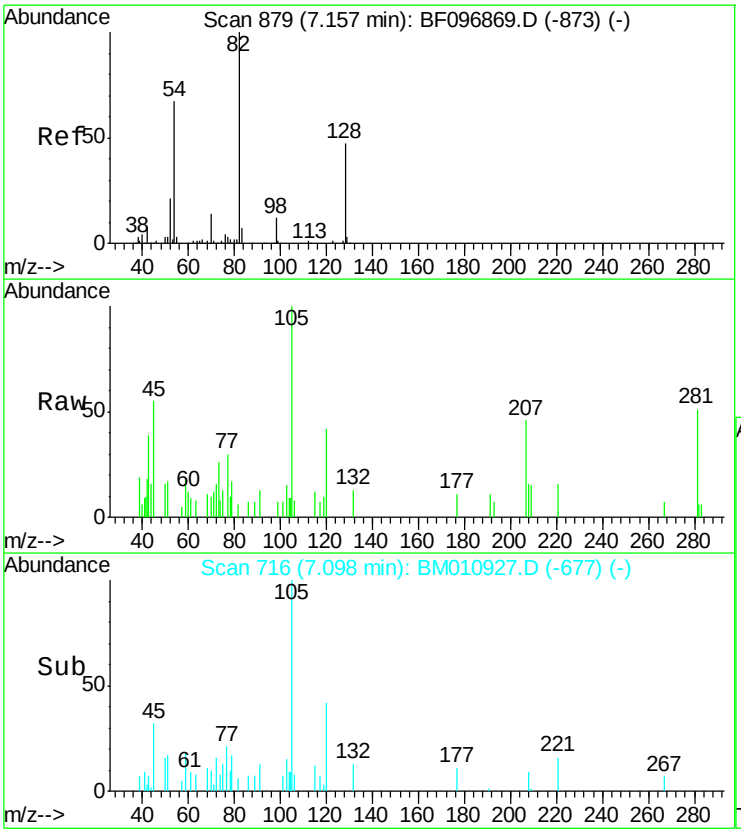
#22
Acetophenone
Concen: 5192.19 ng
RT: 6.98 min Scan# 696
Delta R.T. -0.04 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Instrument :
BNA_M
ClientSampleId :
M-COMB-6

Tgt Ion:105 Resp: 58836

Ion	Ratio	Lower	Upper
105	100		
71	13.3	2.8	4.2#
51	40.2	30.7	46.1
120	0.0	17.4	26.0#

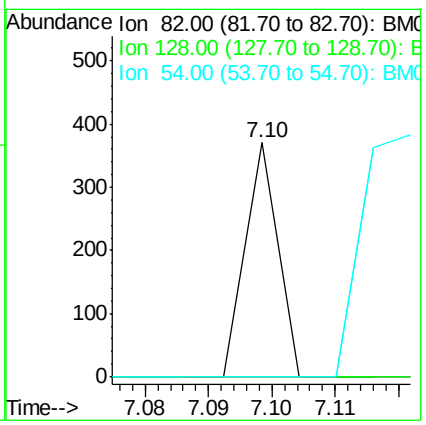


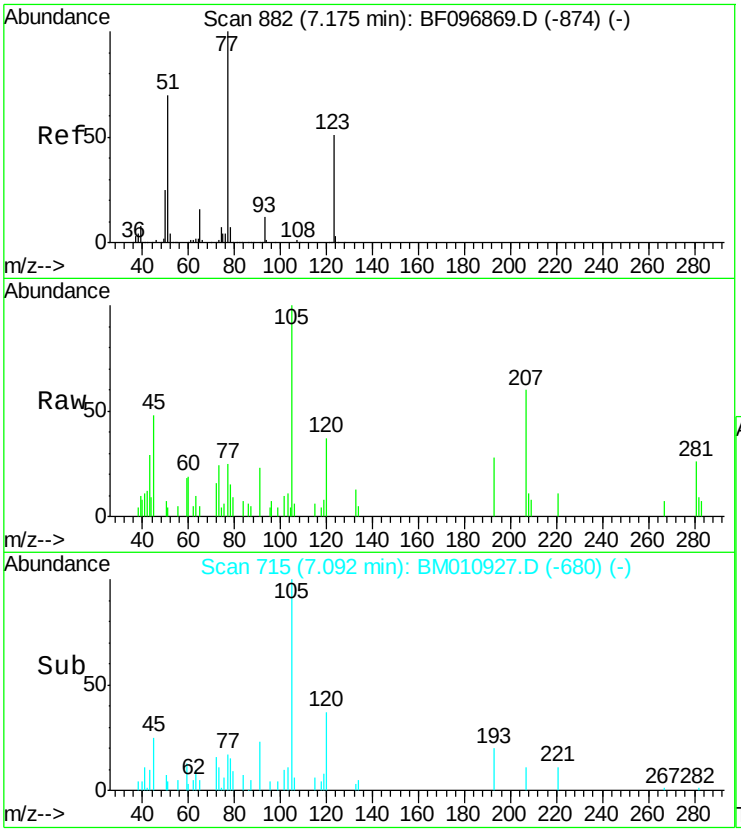


#23
Nitrobenzene-d5
Concen: 16.00 ng
RT: 7.10 min Scan# 716
Delta R.T. -0.07 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion: 82 Resp: 131

Ion	Ratio	Lower	Upper
82	100		
128	0.0	34.0	51.0#
54	0.0	42.2	63.2#



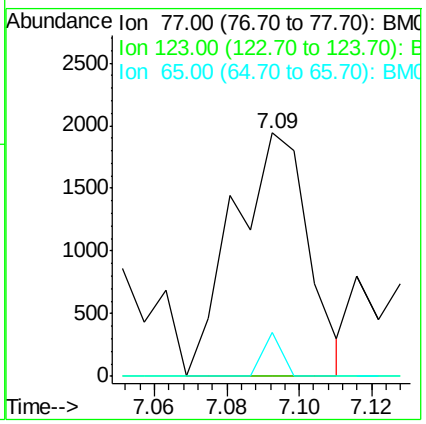


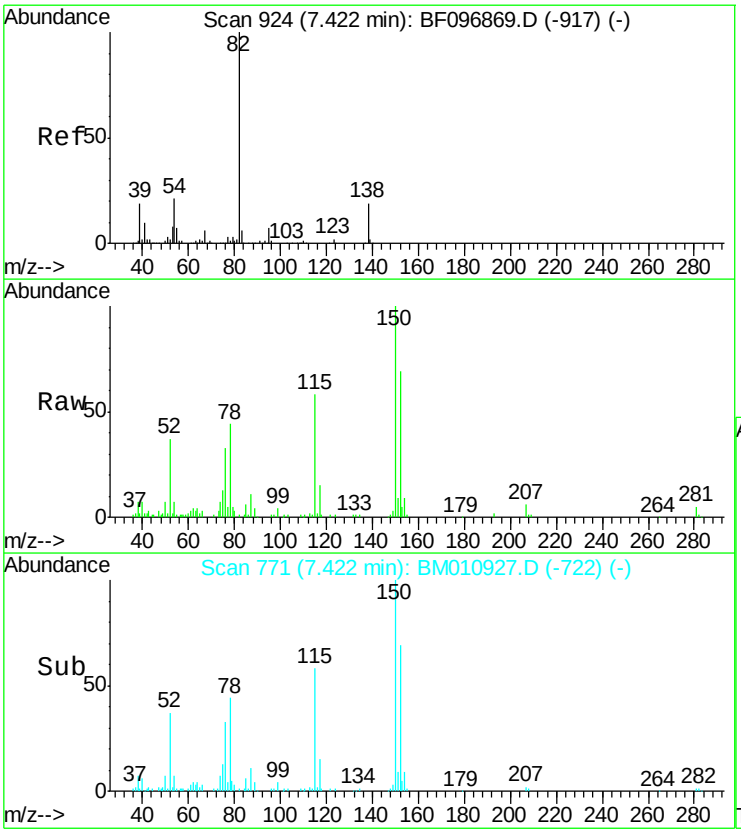
#24
Nitrobenzene
Concen: 327.45 ng
RT: 7.09 min Scan# 715
Delta R.T. -0.09 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Instrument :
BNA_M
ClientSampleId :
M-COMB-6

Tgt Ion: 77 Resp: 2772

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.8	53.8#
65	18.1	10.6	15.8#

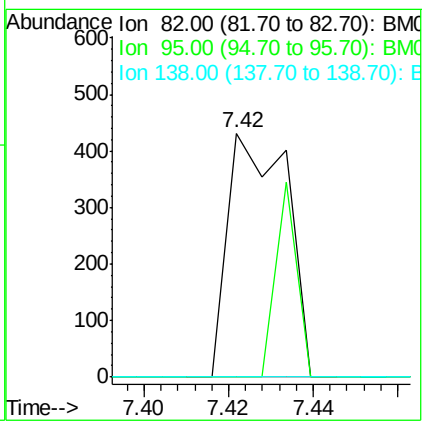


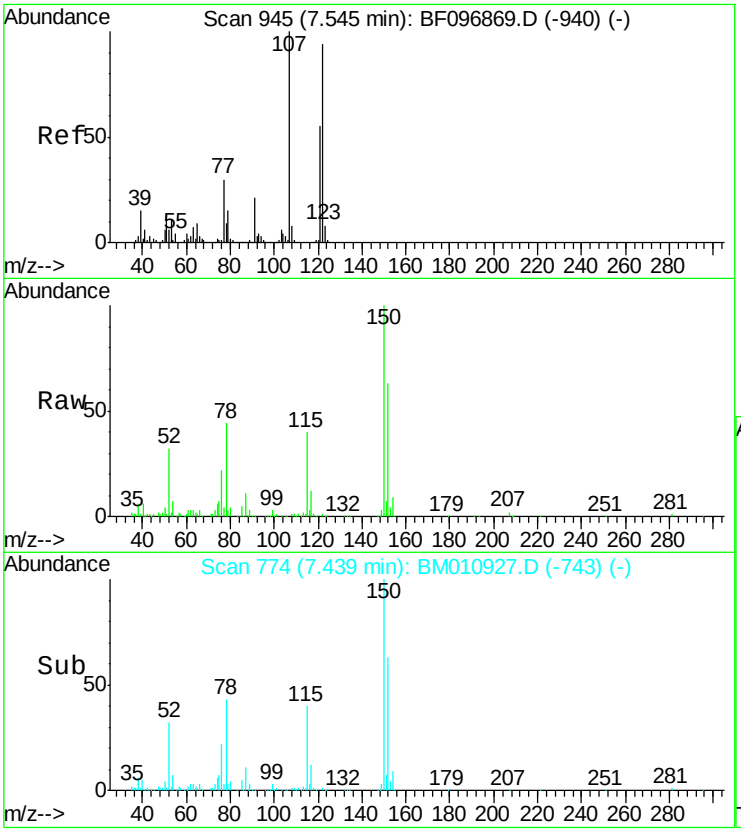


#25
Isophorone
Concen: 27.45 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.01 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion: 82 Resp: 418

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



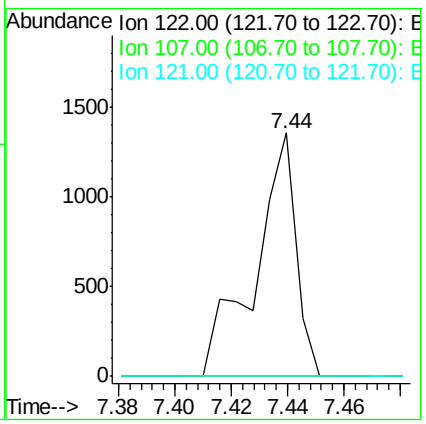


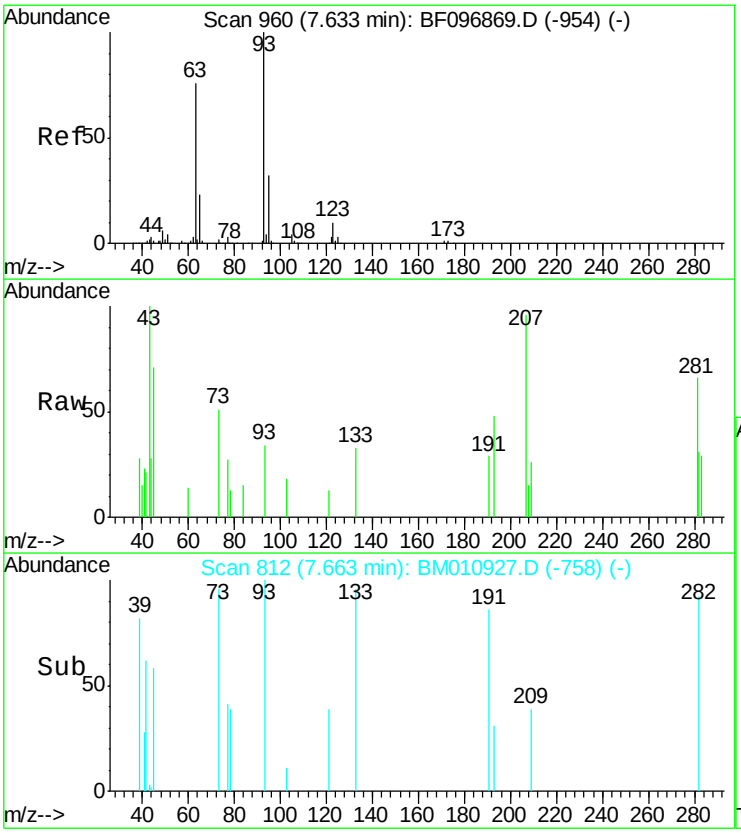
#27
2,4-Dimethylphenol
Concen: 176.53 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.12 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Instrument :
BNA_M
ClientSampleId :
M-COMB-6

Tgt Ion:122 Resp: 1367

Ion	Ratio	Lower	Upper
122	100		
107	0.0	89.2	133.8#
121	0.0	45.2	67.8#

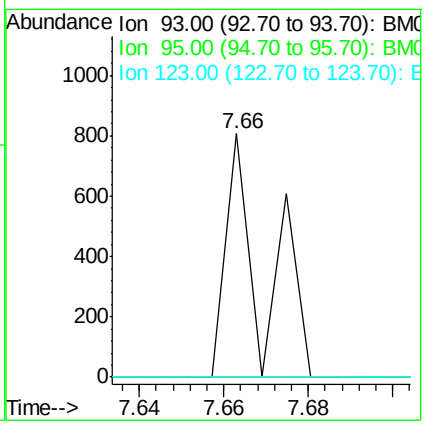


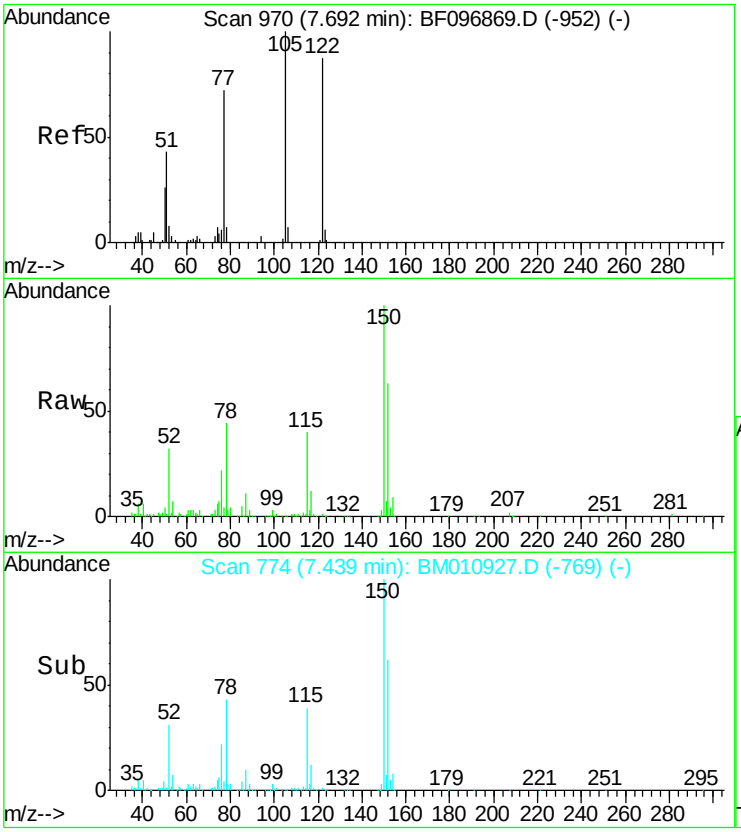


#28
bis(2-Chloroethoxy)methane
Concen: 48.59 ng
RT: 7.66 min Scan# 812
Delta R.T. 0.02 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion: 93 Resp: 500

Ion	Ratio	Lower	Upper
93	100		
95	0.0	26.5	39.7#
123	0.0	9.0	13.4#



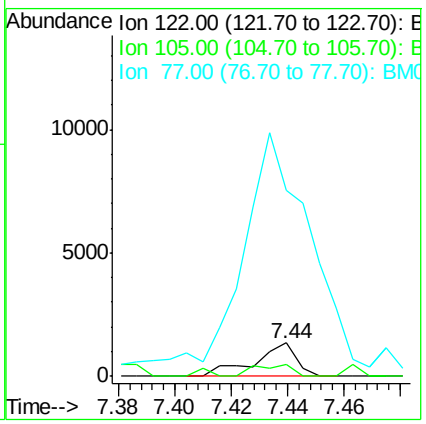


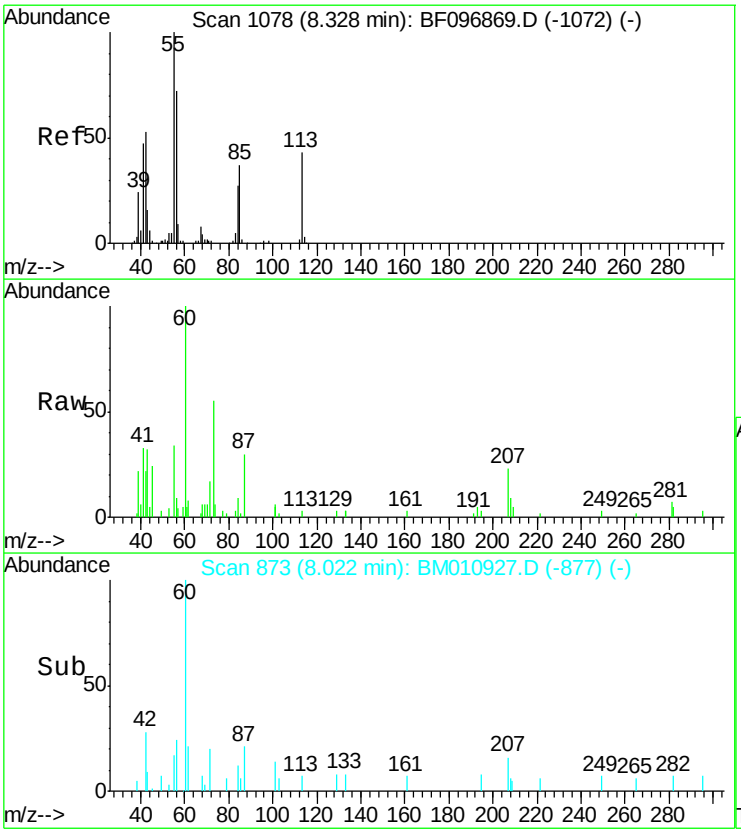
#32
Benzoic acid
Concen: 276.19 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.27 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Instrument :
BNA_M
ClientSampleId :
M-COMB-6

Tgt Ion:122 Resp: 1367

Ion	Ratio	Lower	Upper
122	100		
105	33.8	103.3	143.3#
77	555.3	73.7	113.7#

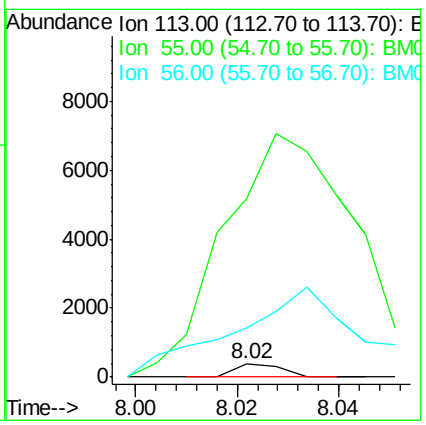


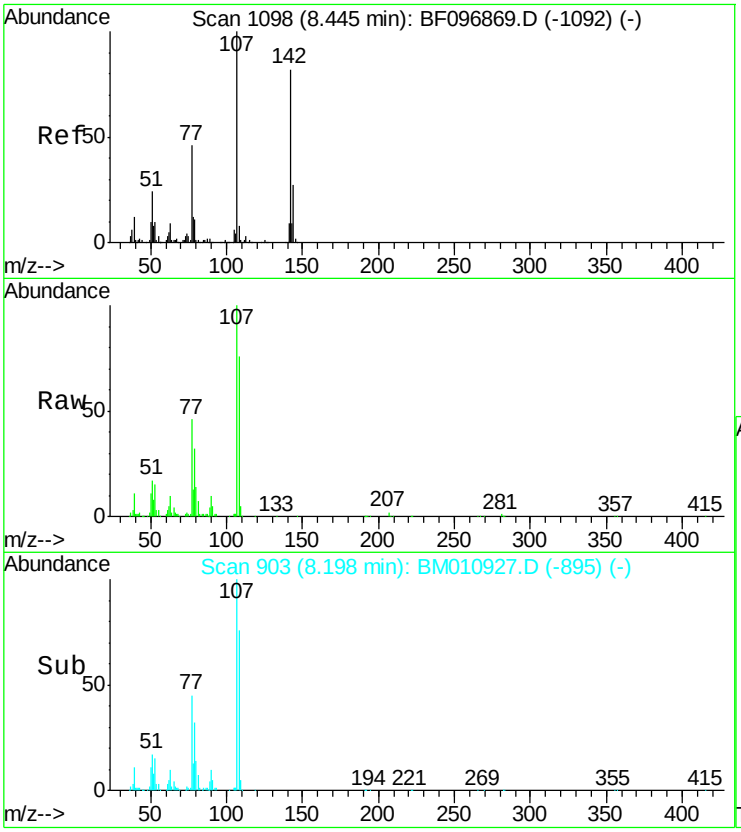


#35
Caprolactam
Concen: 108.64 ng
RT: 8.02 min Scan# 873
Delta R.T. -0.32 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion:113 Resp: 244

Ion	Ratio	Lower	Upper
113	100		
55	1328.8	150.2	190.2#
56	367.9	107.8	147.8#



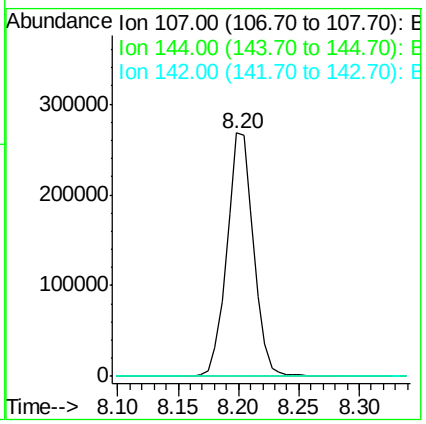


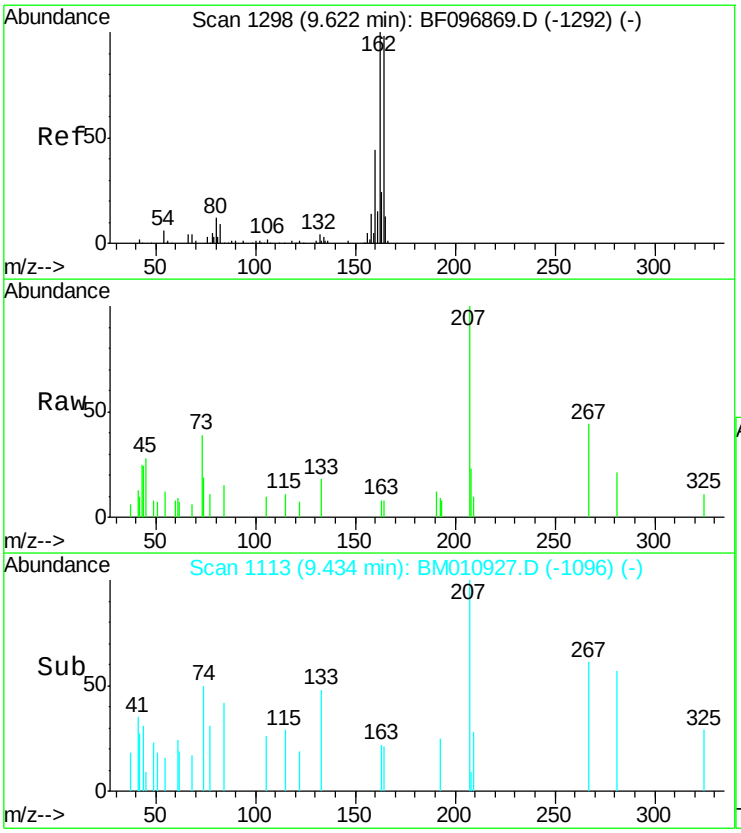
#36
4-Chloro-3-methylphenol
Concen: 54358.03 ng
RT: 8.20 min Scan# 903
Delta R.T. -0.25 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Instrument :
BNA_M
ClientSampleId :
M-COMB-6

Tgt Ion:107 Resp: 409703

Ion	Ratio	Lower	Upper
107	100		
144	0.0	24.2	36.4#
142	0.0	73.4	110.0#

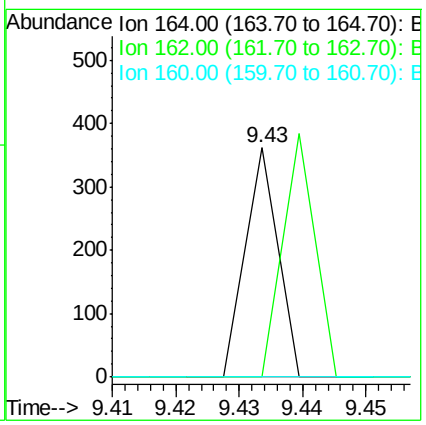


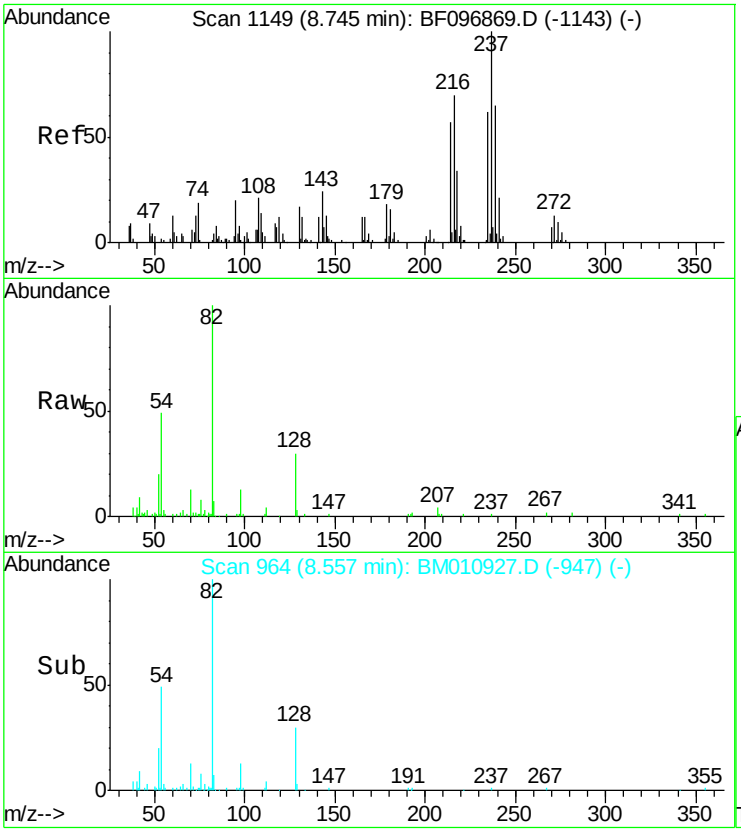


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.43 min Scan# 1113
Delta R.T. -0.20 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion:164 Resp: 128

Ion	Ratio	Lower	Upper
164	100		
162	0.0	82.6	123.8#
160	0.0	36.2	54.2#



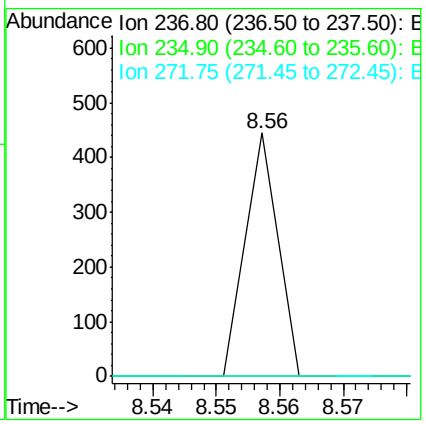


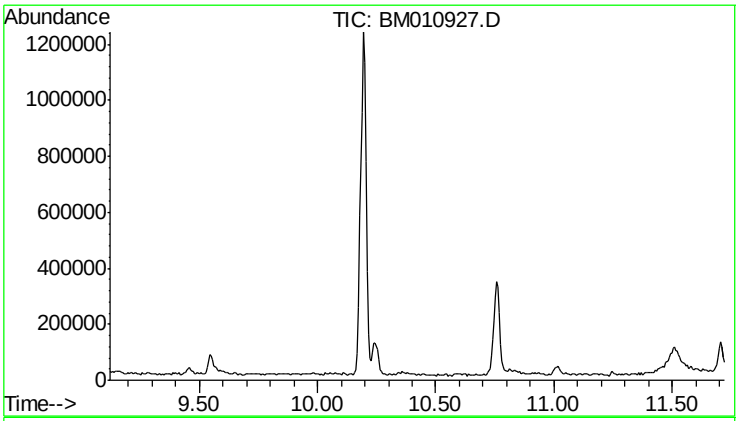
#40
Hexachlorocyclopentadiene
Concen: 118.11 ng
RT: 8.56 min Scan# 964
Delta R.T. -0.20 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Instrument :
BNA_M
ClientSampleId :
M-COMB-6

Tgt Ion:237 Resp: 157

Ion	Ratio	Lower	Upper
237	100		
235	0.0	42.6	82.6#
272	0.0	0.0	31.9



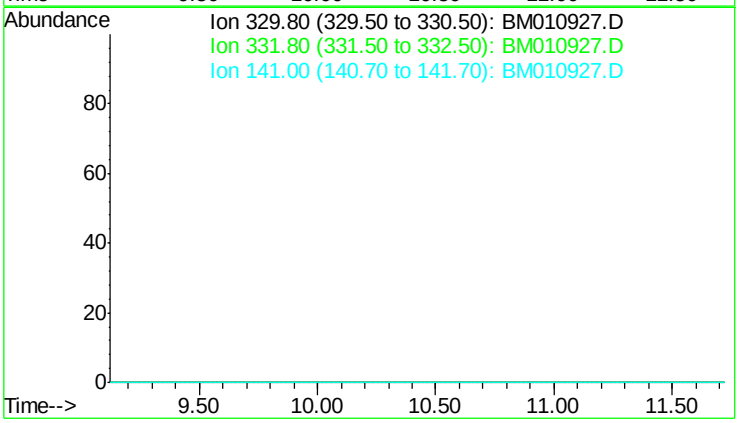


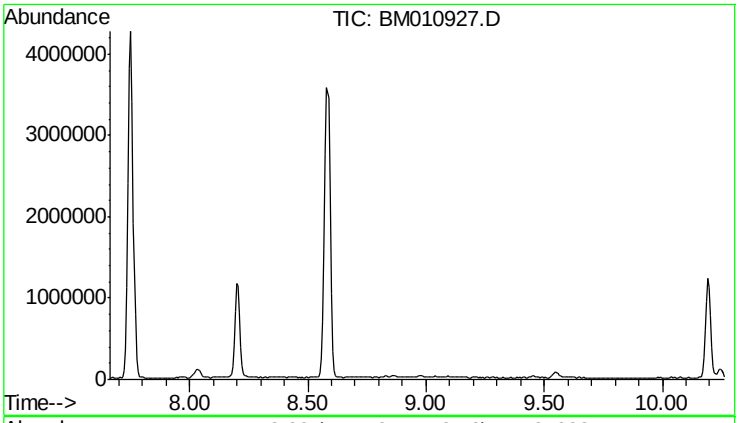
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.42 min

Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.8
141	39.3





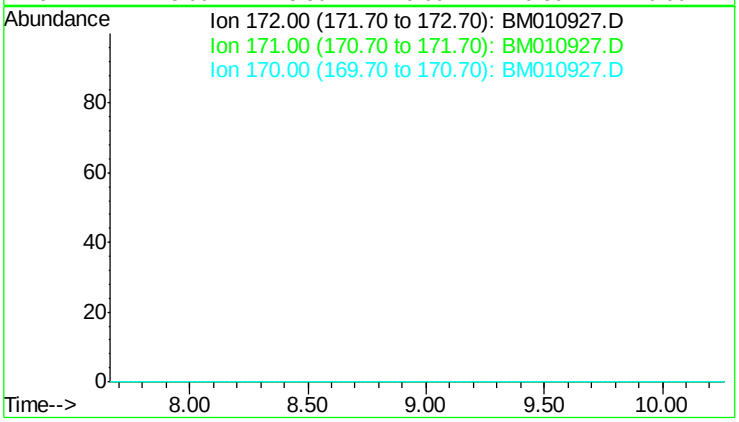
#44
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 8.96 min

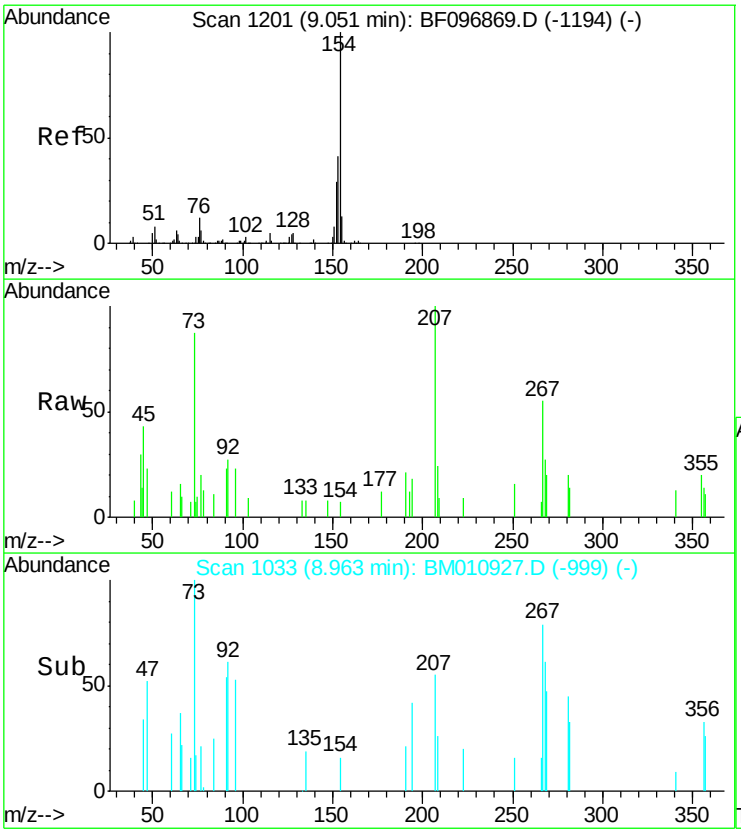
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Instrument :
BNA_M
ClientSampleId :
M-COMB-6

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	37.0
170	24.8

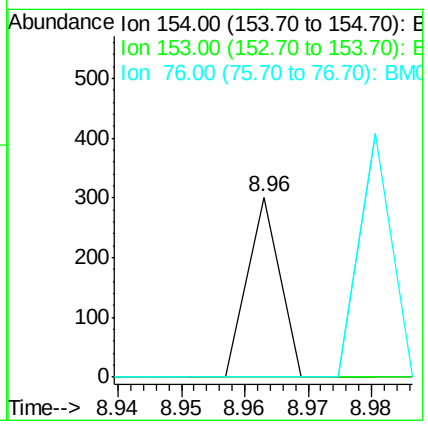


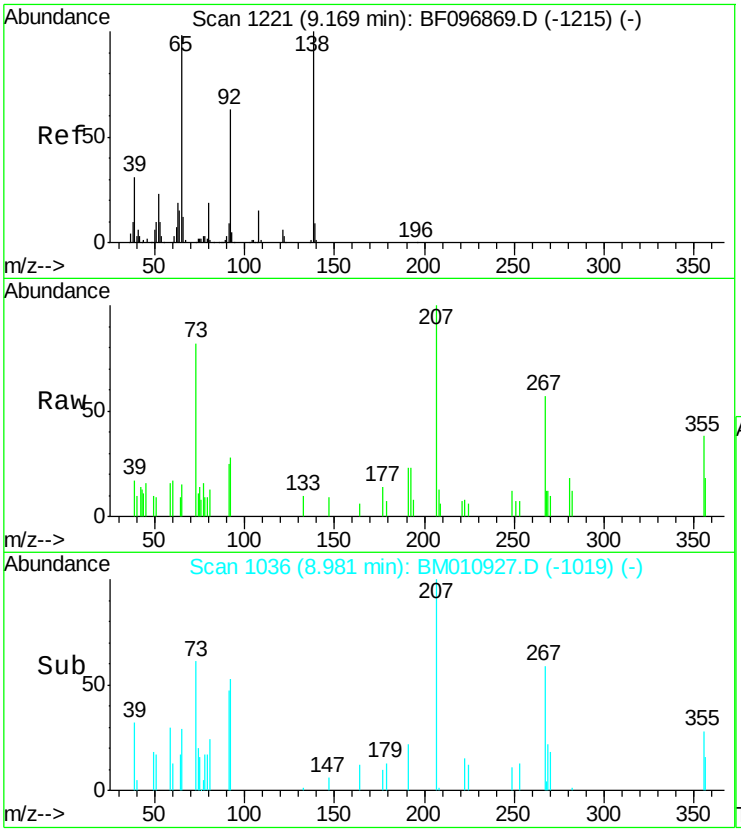


#45
1,1'-Biphenyl
Concen: 9.66 ng
RT: 8.96 min Scan# 1033
Delta R.T. -0.10 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion:154 Resp: 106

Ion	Ratio	Lower	Upper
154	100		
153	0.0	21.2	61.2#
76	0.0	0.0	29.9



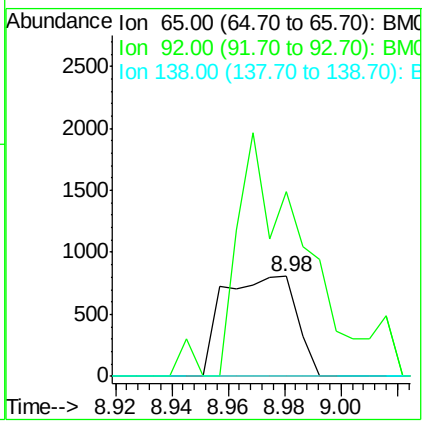


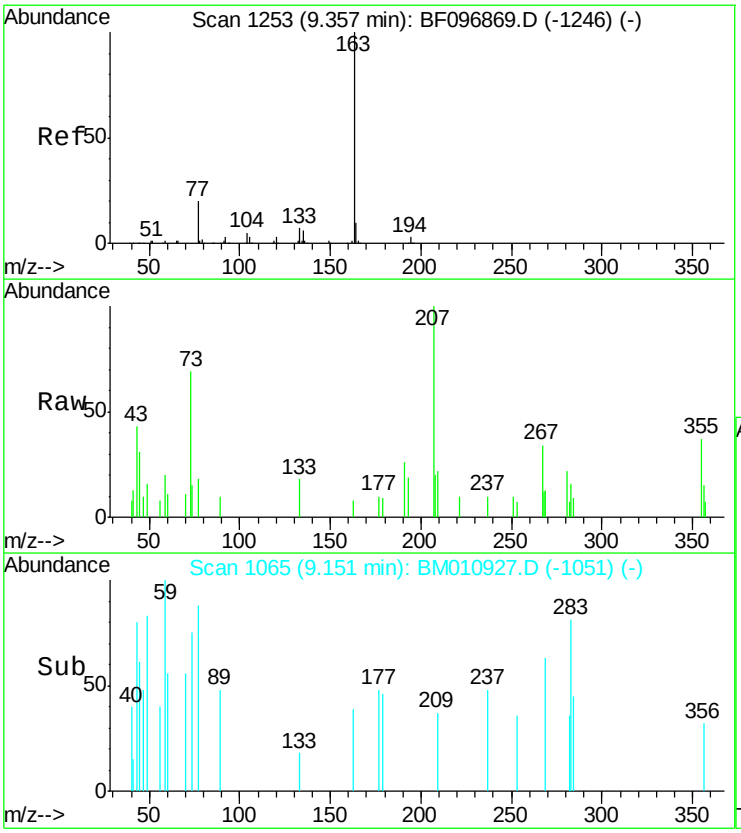
#47
2-Nitroaniline
Concen: 521.12 ng
RT: 8.98 min Scan# 1036
Delta R.T. -0.20 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Instrument :
BNA_M
ClientSampleId :
M-COMB-6

Tgt Ion: 65 Resp: 1448

Ion	Ratio	Lower	Upper
65	100		
92	183.9	53.9	80.9#
138	0.0	78.8	118.2#

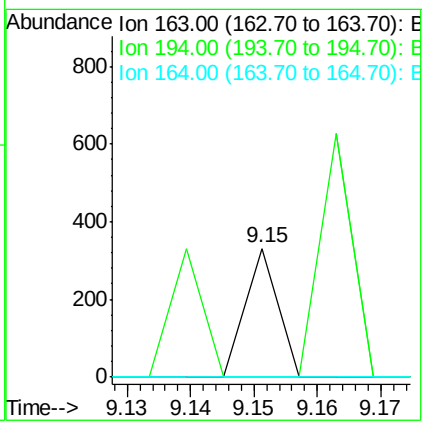


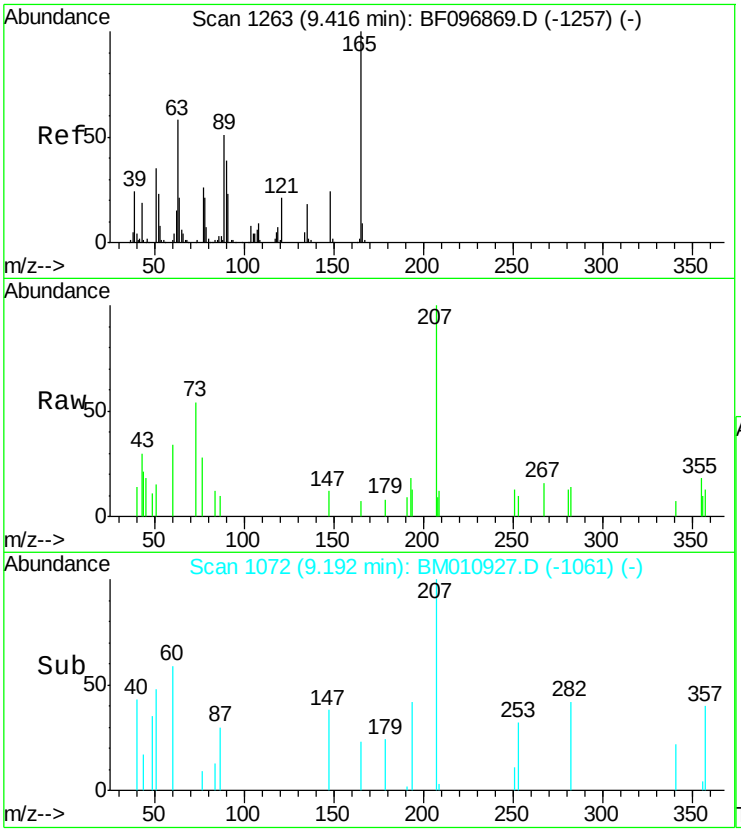


#49
Dimethylphthalate
Concen: 12.14 ng
RT: 9.15 min Scan# 1065
Delta R.T. -0.22 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion:163 Resp: 117

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	0.0	8.4	12.6#



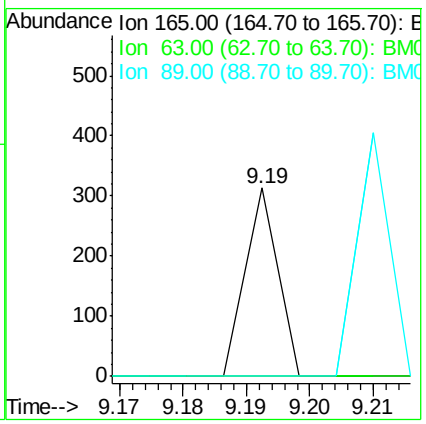


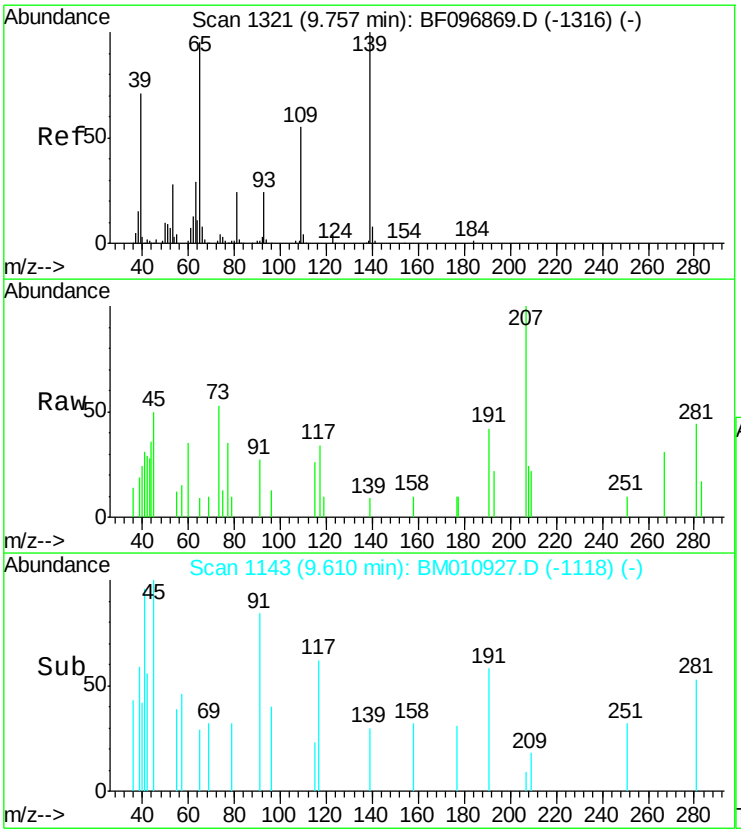
#50
2,6-Dinitrotoluene
Concen: 52.69 ng
RT: 9.19 min Scan# 1072
Delta R.T. -0.24 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Instrument :
BNA_M
ClientSampleId :
M-COMB-6

Tgt Ion:165 Resp: 110

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

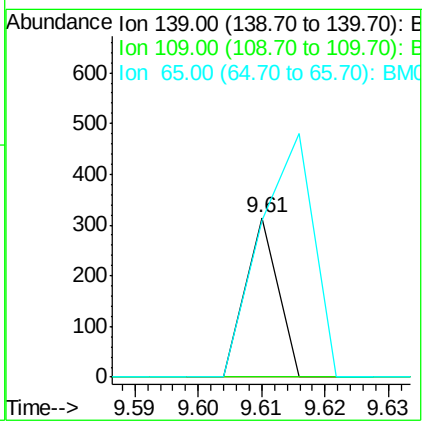


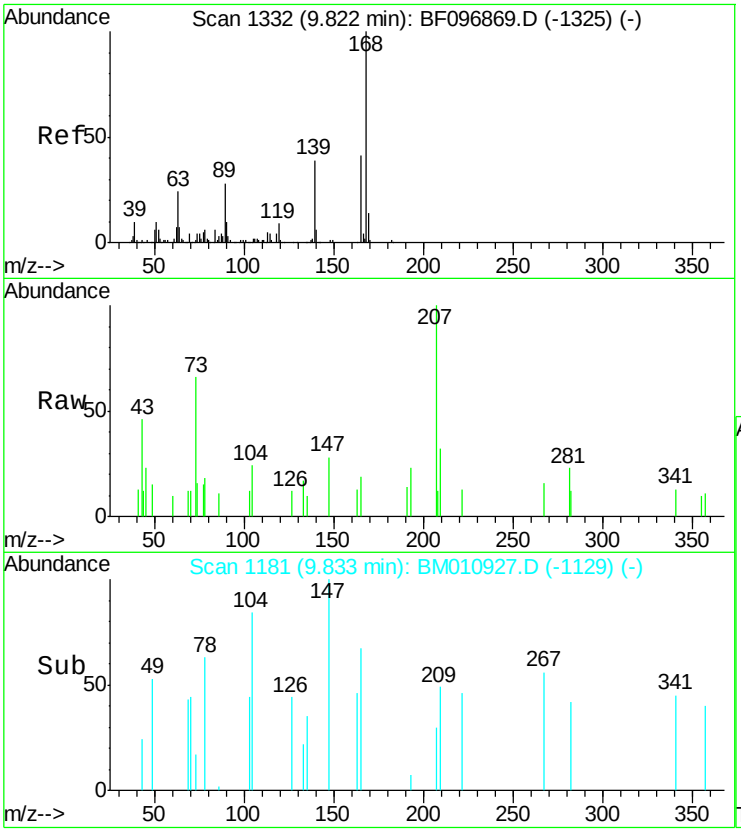


#55
4-Nitrophenol
Concen: 61.44 ng
RT: 9.61 min Scan# 1143
Delta R.T. -0.15 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion:139 Resp: 111

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	98.1	31.4	71.4#



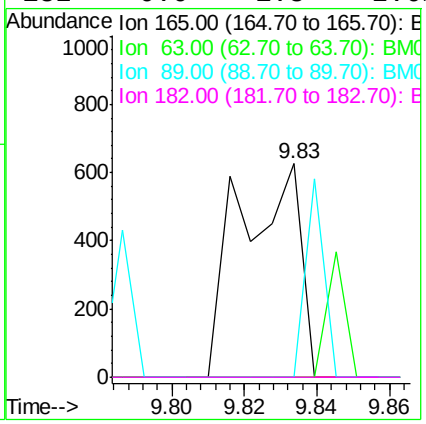


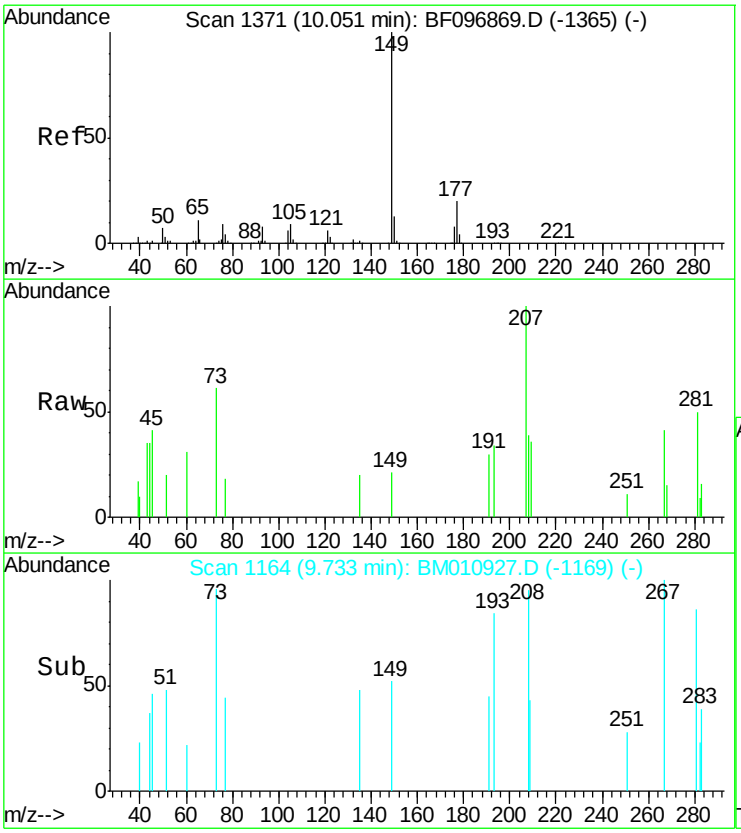
#56
2,4-Dinitrotoluene
Concen: 271.38 ng
RT: 9.83 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Instrument :
BNA_M
ClientSampleId :
M-COMB-6

Tgt Ion:165 Resp: 728

Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

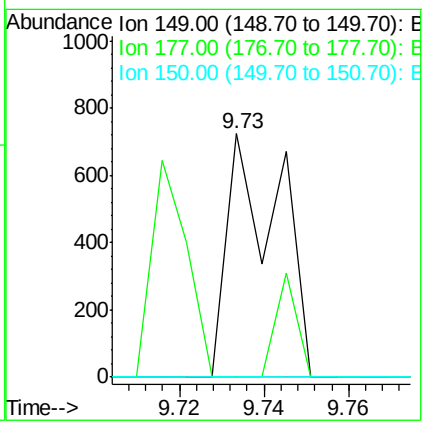


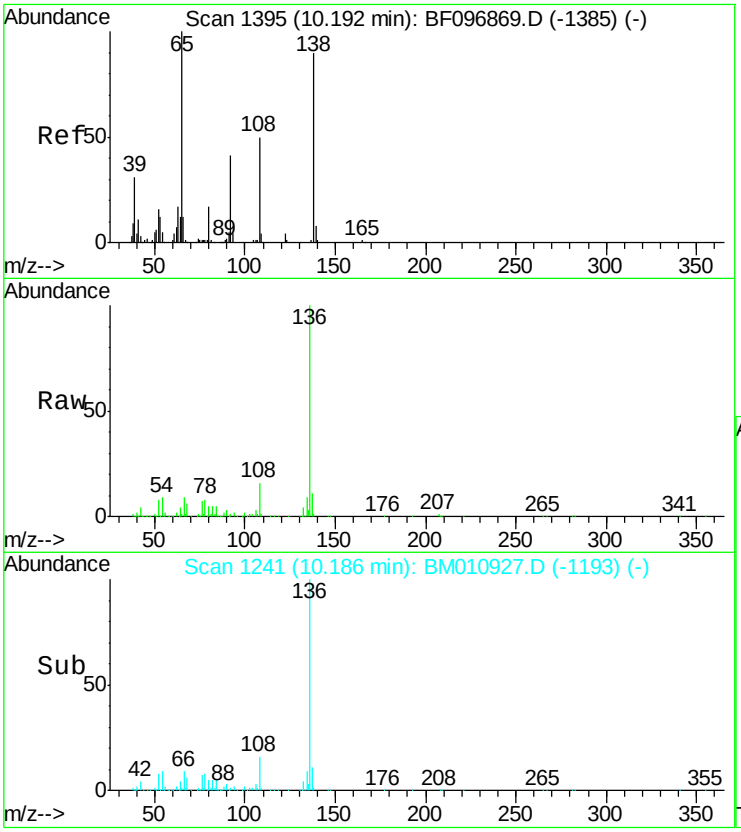


#59
Diethylphthalate
Concen: 65.12 ng
RT: 9.73 min Scan# 1164
Delta R.T. -0.33 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion:149 Resp: 611

Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.7	25.1#
150	0.0	10.2	15.2#



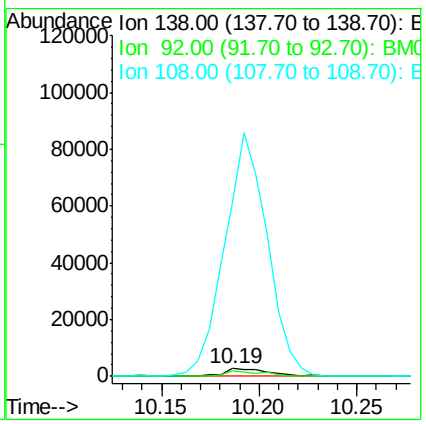


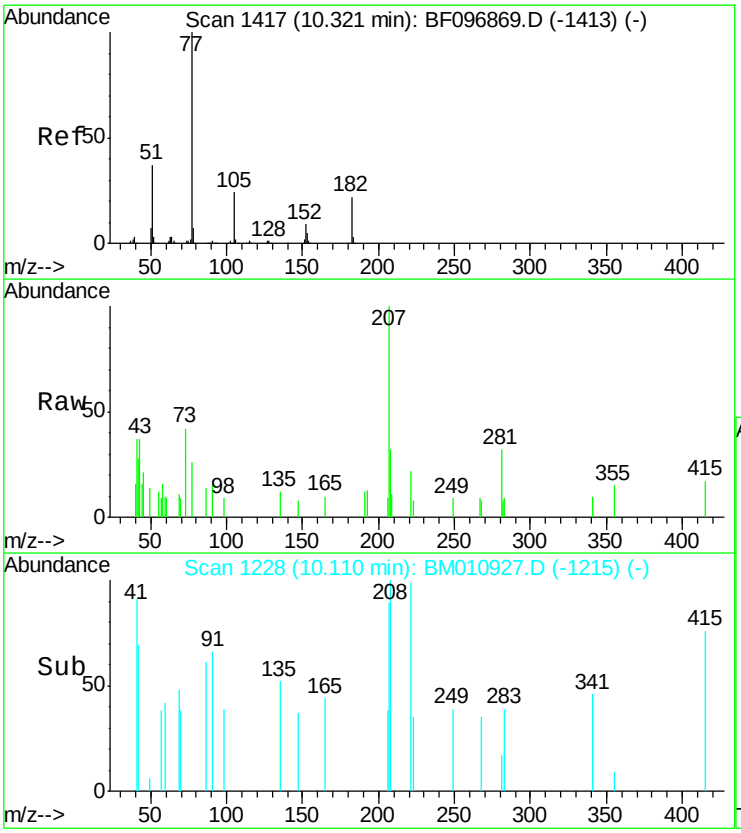
#61
4-Nitroaniline
Concen: 1919.63 ng
RT: 10.19 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Instrument :
BNA_M
ClientSampleId :
M-COMB-6

Tgt Ion:138 Resp: 4458

Ion	Ratio	Lower	Upper
138	100		
92	70.0	21.8	61.8#
108	2209.6	42.3	82.3#

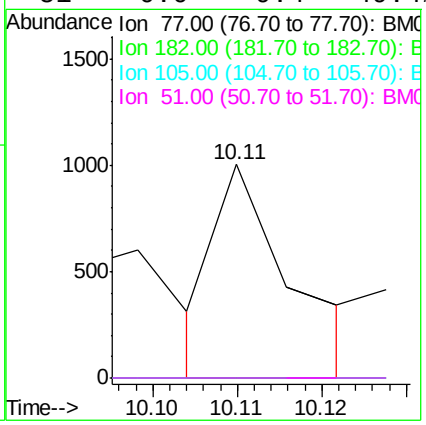


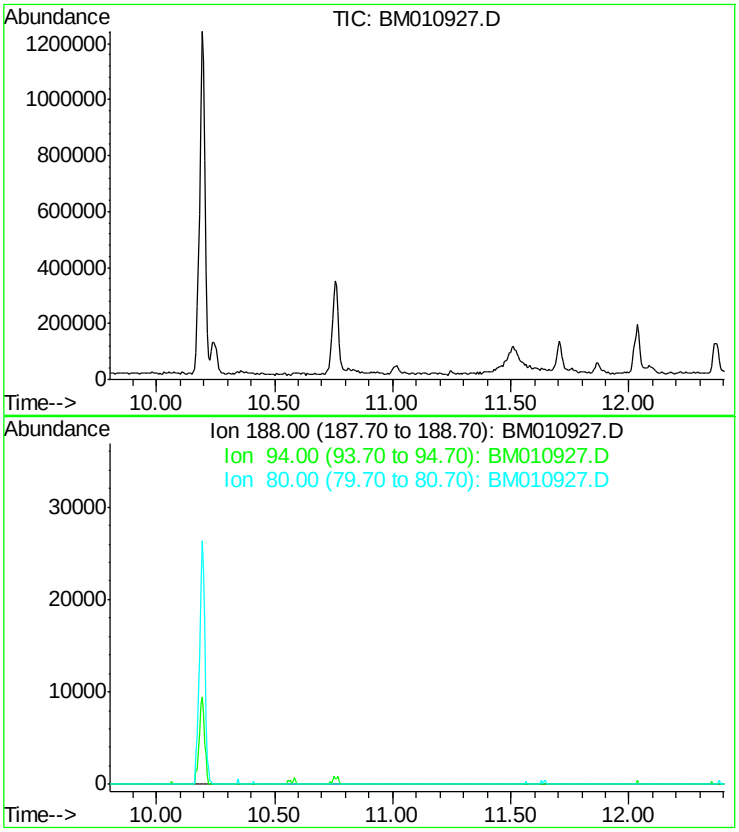


#62
Azobenzene
Concen: 75.63 ng
RT: 10.11 min Scan# 1228
Delta R.T. -0.22 min
Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion: 77 Resp: 626

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.1	40.1#
105	0.0	3.6	43.6#
51	0.0	9.4	49.4#





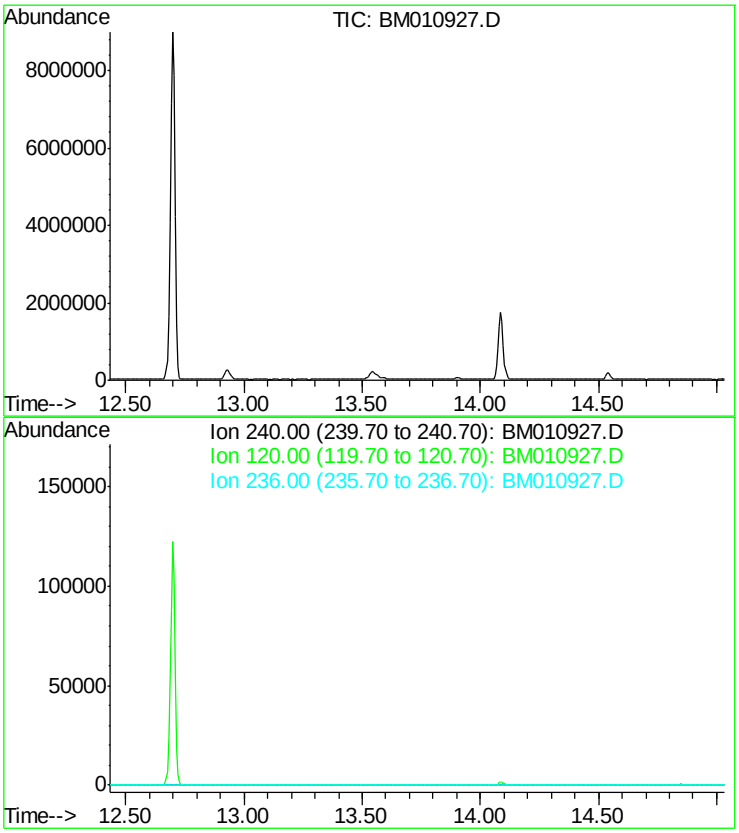
#63
Phenanthrene-d10
Concen: 0.00 ng
Expected RT: 11.10 min

Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion: 188

Sig	Exp Ratio
188	100
94	11.8
80	12.7

Instrument :
BNA_M
ClientSampleId :
M-COMB-6

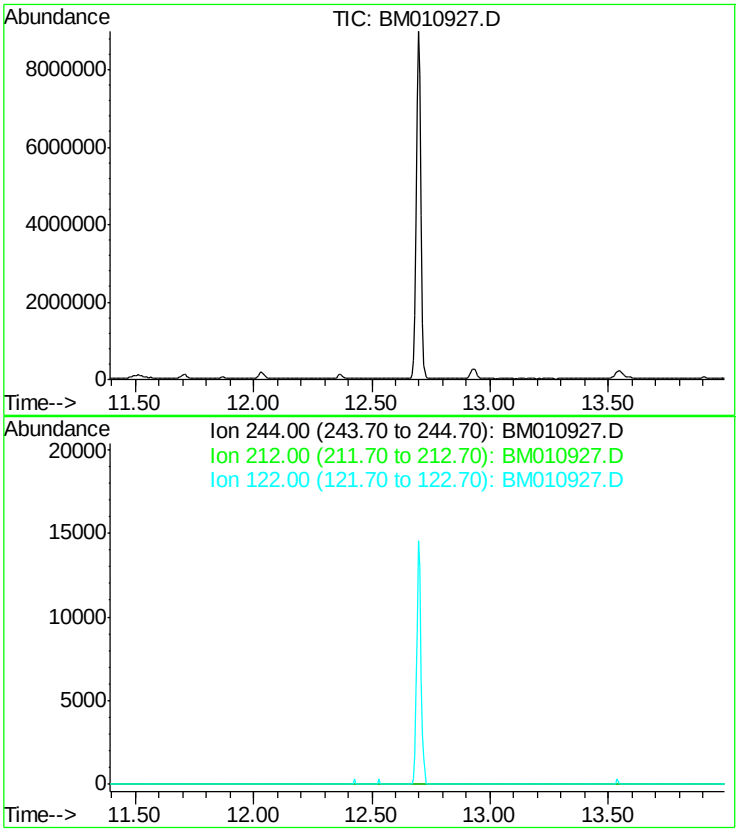


#75
Chrysene-d12
Concen: 0.00 ng
Expected RT: 13.73 min

Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion: 240

Sig	Exp Ratio
240	100
120	7.3
236	25.6



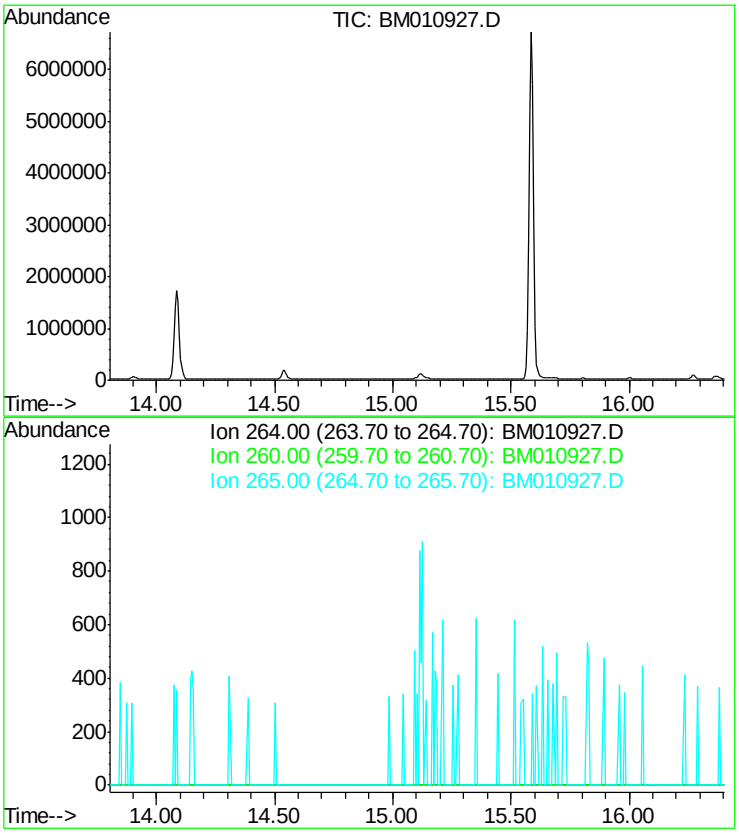
#78
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 12.69 min

Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.5
122	12.9

Instrument :
BNA_M
ClientSampleId :
M-COMB-6



#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 15.10 min

Lab File: BM010927.D
Acq: 21 Jul 2017 02:17

Tgt Ion: 264

Sig	Exp Ratio
264	100
260	24.4
265	21.5