

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013964.D
 Acq On : 29 Jan 2018 18:53
 Operator : SJ/JU
 Sample : J1295-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6C10

Quant Time: Jan 30 02:47:26 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 02:42:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	112364	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	610571	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	279739	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	604159	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	704490	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	638448	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	15075	5.30	ng/uL	0.00
5) Phenol-d5	6.76	99	305744	35.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	222703	42.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	265131	37.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	269451	40.63	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	137554	29.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	160082	31.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	283475	29.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	348442	41.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	902718	39.16	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1128260	38.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	99967	26.68	ng/ul	0.00
57) Fluorene-d10	15.23	176	767739	37.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	121707	33.47	ng/ul	0.00
70) Anthracene-d10	17.08	188	1229036	41.77	ng/ul	0.00
76) Pyrene-d10	19.38	212	1417655	43.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	1309592	44.63	ng/ul	0.00

Target Compounds

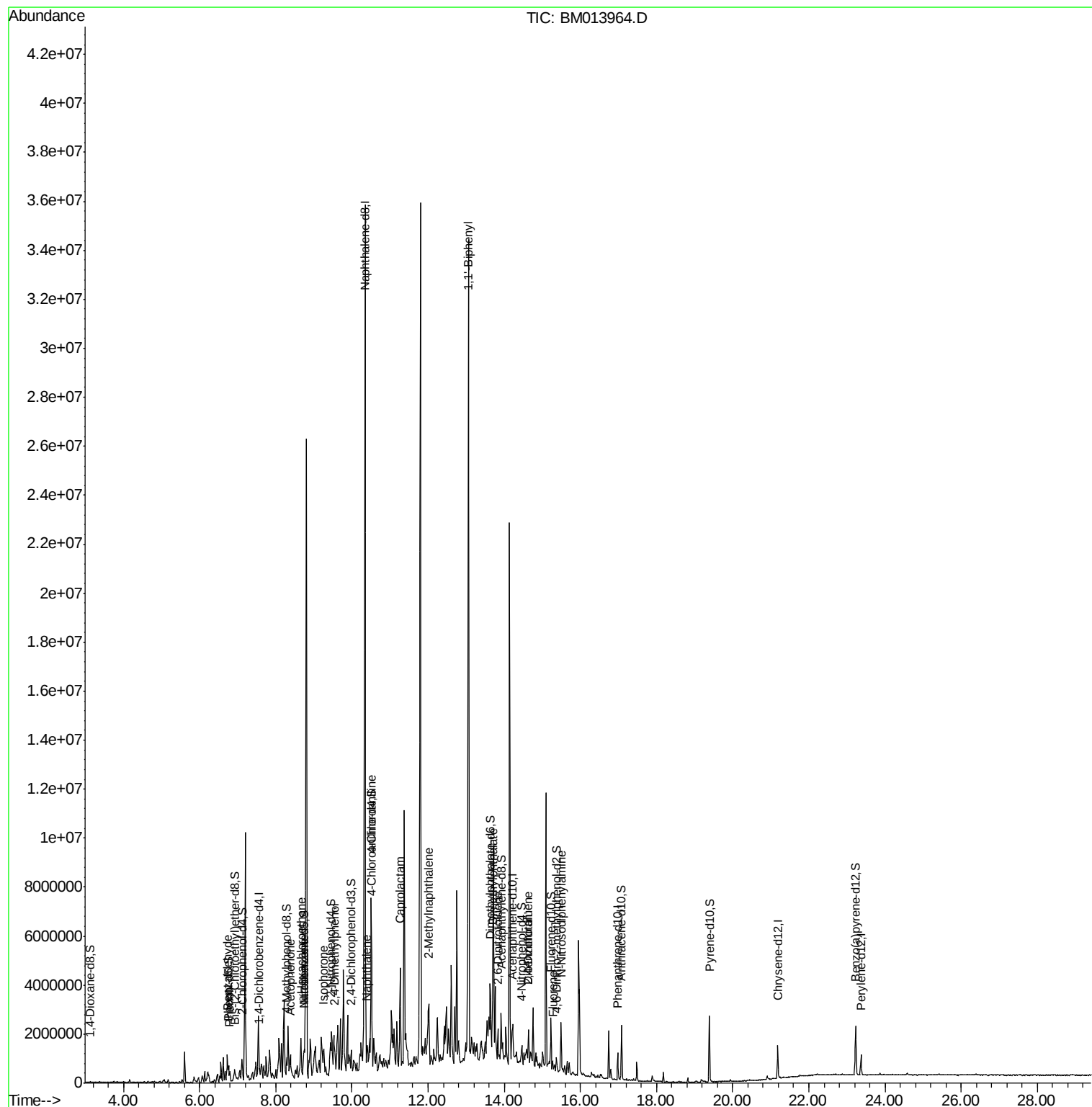
				Ovalue	
4) Benzaldehyde	6.72	77	11626	1.948	ng/ul# 1
6) Phenol	6.79	94	41026	4.742	ng/ul# 87
14) Acetophenone	8.36	105	135140	12.315	ng/ul# 33
17) Hexachloroethane	8.66	117	62245	18.254	ng/ul# 1
20) Nitrobenzene	8.75	77	30713	2.509	ng/ul# 41
21) Isophorone	9.27	82	87878	4.444	ng/ul# 1
24) 2,4-Dimethylphenol	9.55	107	79619	7.238	ng/ul# 44
28) Naphthalene	10.40	128	406048	13.367	ng/ul# 96
30) 4-Chloroaniline	10.52	127	19242	2.313	ng/ul 90
32) Caprolactam	11.27	113	60561	23.357	ng/ul# 1
34) 2-Methylnaphthalene	12.02	142	937555	41.398	ng/ul 98
40) 1,1'-Biphenyl	13.06	154	311080	13.359	ng/ul# 88
44) Dimethylphthalate	13.69	163	232229	10.245	ng/ul# 96
45) 2,6-Dinitrotoluene	13.83	165	8397	1.912	ng/ul# 53
53) Dibenzofuran	14.63	168	71260	2.543	ng/ul# 78
54) 2,4-Dinitrotoluene	14.63	165	8033	1.254	ng/ul# 20
58) Fluorene	15.28	166	22964	1.000	ng/ul# 71
64) N-Nitrosodiphenylamine	15.49	169	54306	3.056	ng/ul# 56

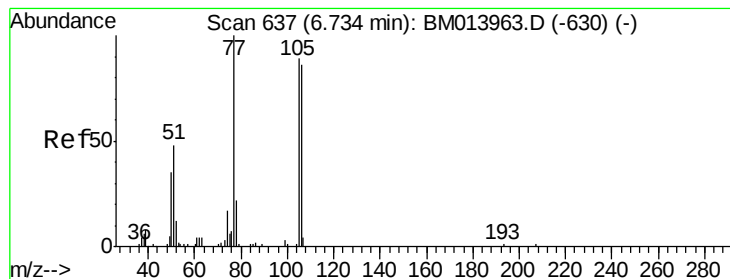
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyd

Concen: 1.948 ng/ul

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM013964.D

Acq: 29 Jan 2018 18:53

Instrument :

BNA_M

ClientSampled :

F6C10

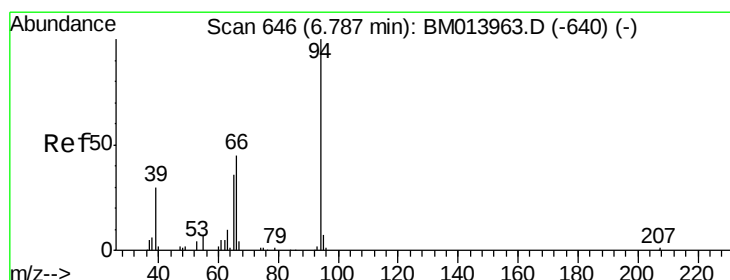
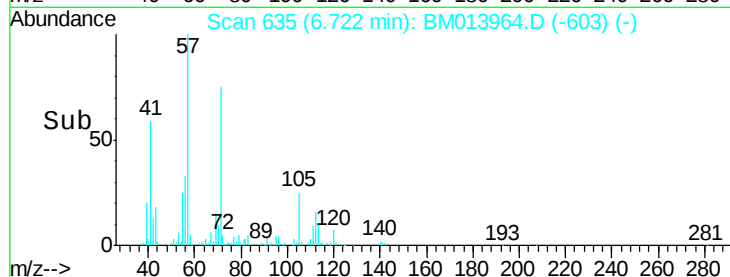
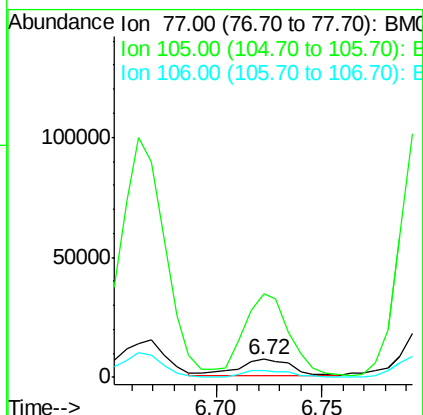
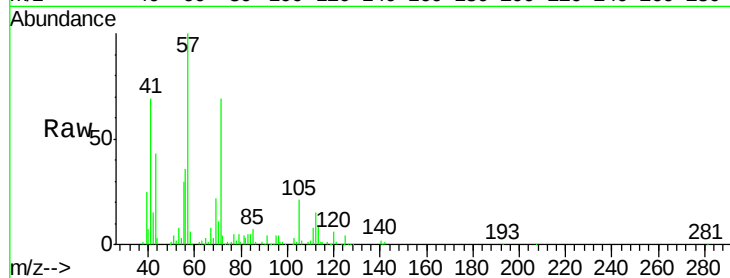
Tot Ion: 77 Resp: 11626

Ion Ratio Lower Upper

77 100

105 463.1 66.1 99.1#

106 38.9 67.8 101.6#



#6

Phenol

Concen: 4.742 ng/ul

RT: 6.79 min Scan# 646

Delta R.T. 0.00 min

Lab File: BM013964.D

Acq: 29 Jan 2018 18:53

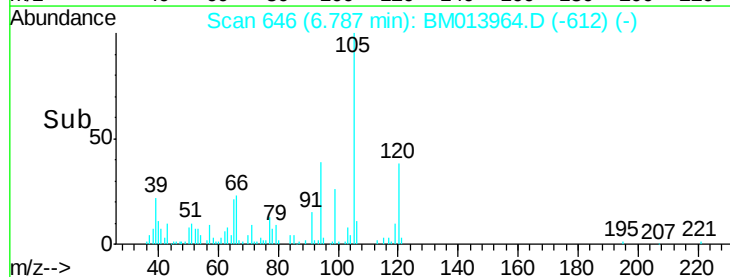
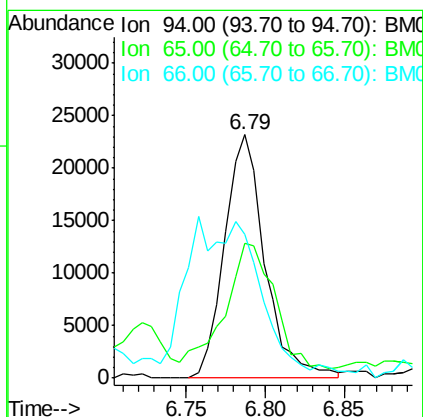
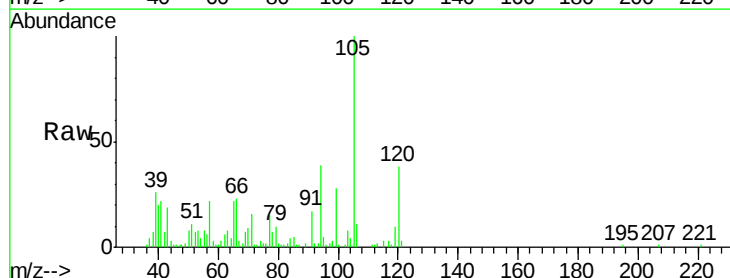
Tgt Ion: 94 Resp: 41026

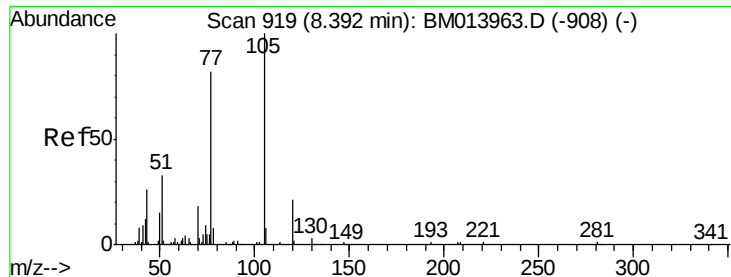
Ion Ratio Lower Upper

94 100

65 55.1 28.2 42.4#

66 59.0 47.2 70.8





#14

Acetophenone

Concen: 12.315 ng/ul

RT: 8.36 min Scan# 914

Delta R.T. -0.03 min

Lab File: BM013964.D

Acq: 29 Jan 2018 18:53

Instrument :

BNA_M

ClientSampleId :

F6C10

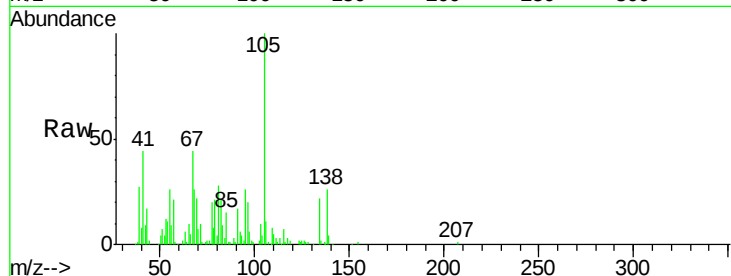
Tot Ion:105 Resp: 135140

Ion Ratio Lower Upper

105 100

77 20.3 74.2 111.4#

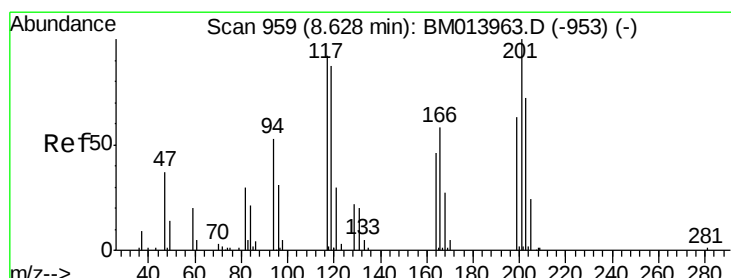
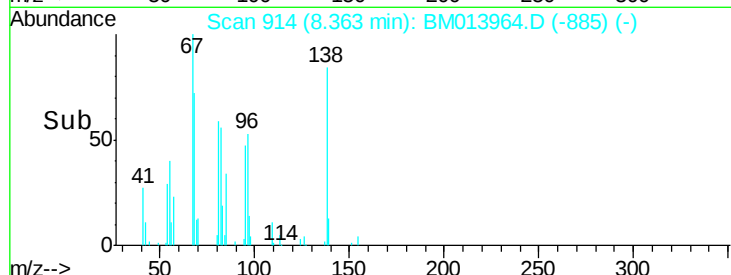
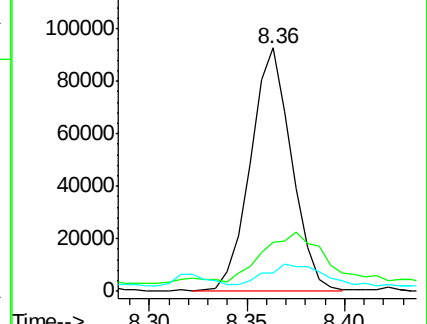
51 7.3 23.4 35.2#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#17

Hexachloroethane

Concen: 18.254 ng/ul

RT: 8.66 min Scan# 965

Delta R.T. 0.04 min

Lab File: BM013964.D

Acq: 29 Jan 2018 18:53

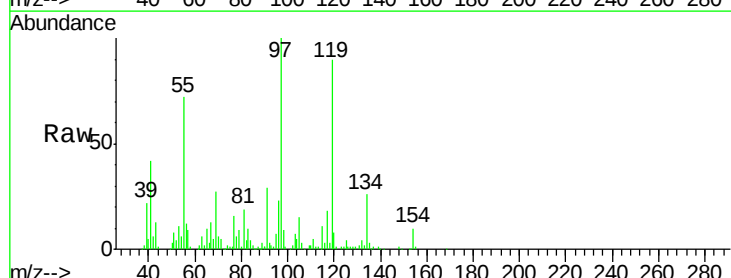
Tgt Ion:117 Resp: 62245

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

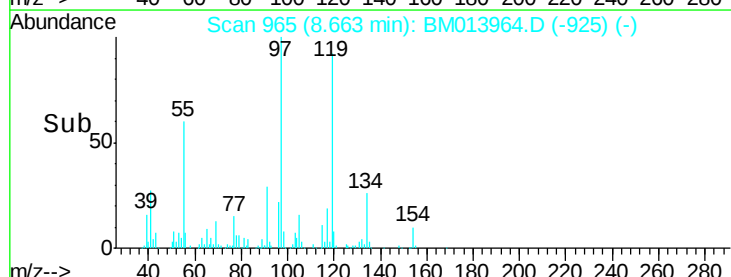
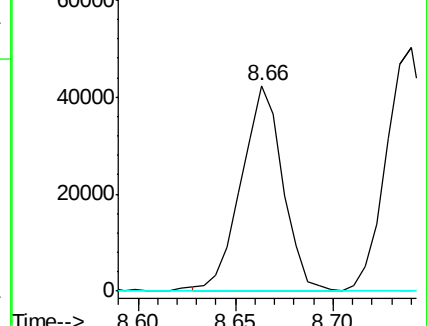
199 0.0 67.8 101.6#

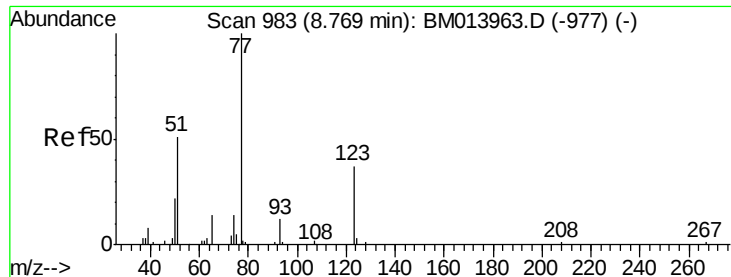


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#20

Nitrobenzene

Concen: 2.509 ng/ul

RT: 8.75 min Scan# 979

Delta R.T. -0.02 min

Lab File: BM013964.D

Acq: 29 Jan 2018 18:53

Instrument :

BNA_M

ClientSampled :

F6C10

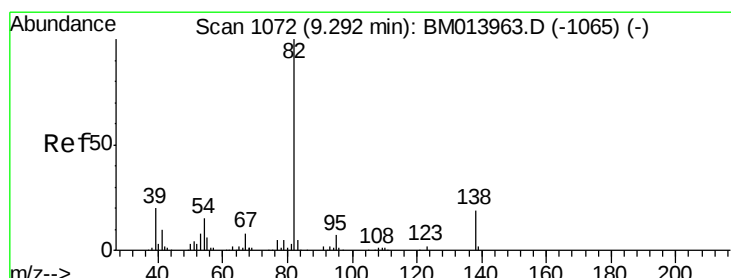
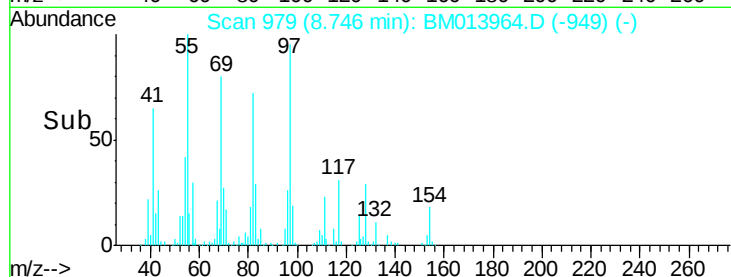
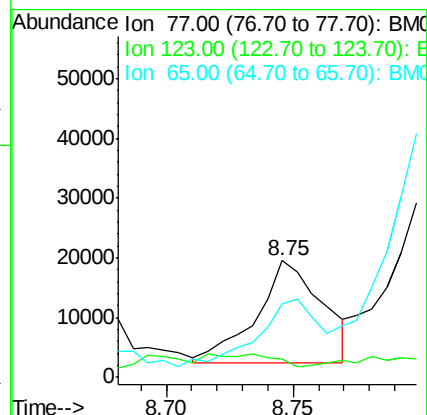
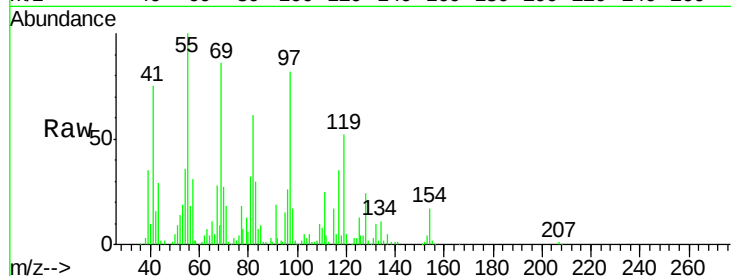
Tot Ion: 77 Resp: 30713

Ion Ratio Lower Upper

77 100

123 15.6 31.0 46.6#

65 62.7 12.2 18.2#



#21

Isophorone

Concen: 4.444 ng/ul

RT: 9.27 min Scan# 1068

Delta R.T. -0.02 min

Lab File: BM013964.D

Acq: 29 Jan 2018 18:53

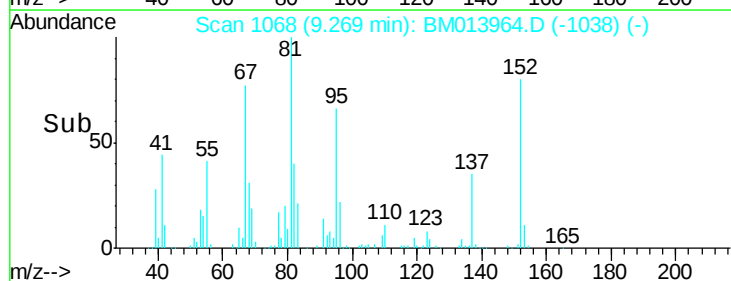
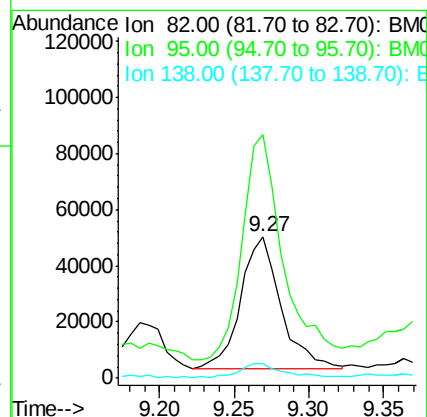
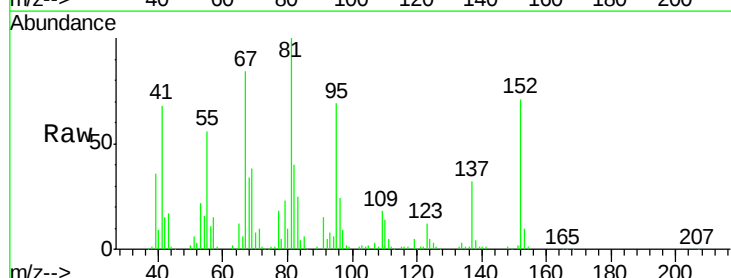
Tgt Ion: 82 Resp: 87878

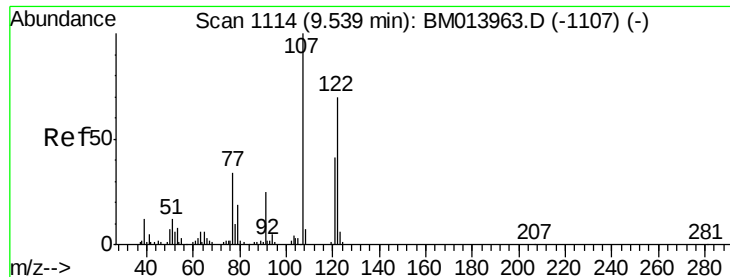
Ion Ratio Lower Upper

82 100

95 172.0 7.8 11.8#

138 10.3 11.9 17.9#

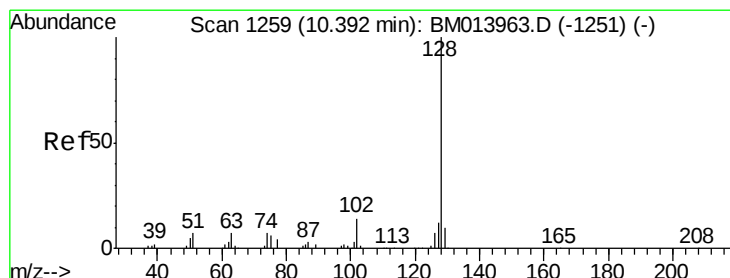
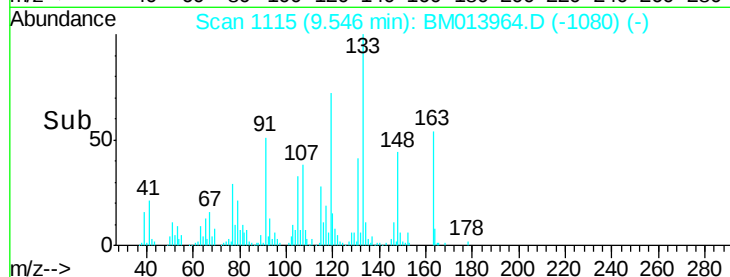
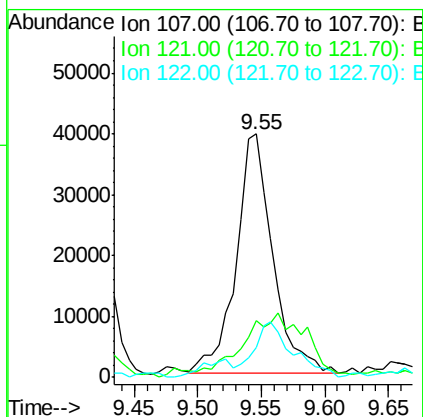
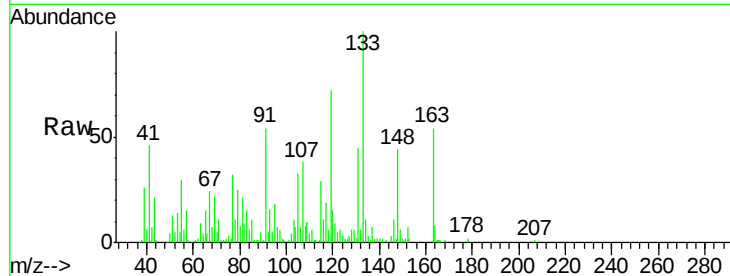




#24
2,4-Dimethylphenol
Concen: 7.238 ng/ul
RT: 9.55 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BM013964.D
Acq: 29 Jan 2018 18:53

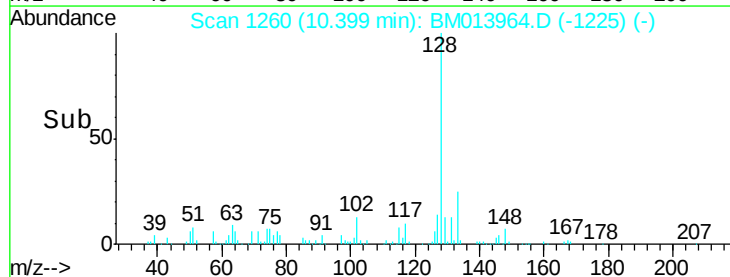
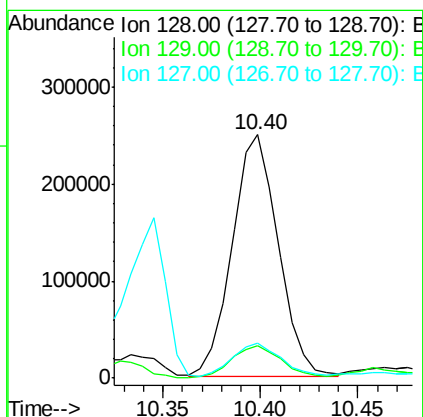
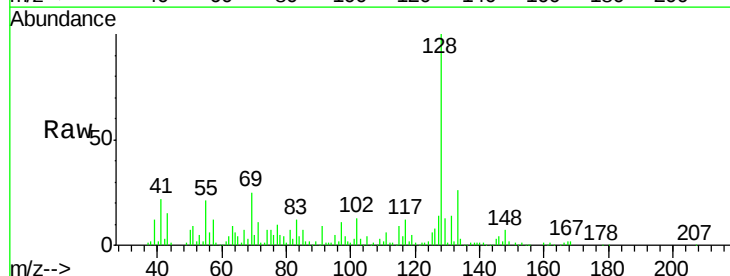
Instrument :
BNA_M
ClientSampleId :
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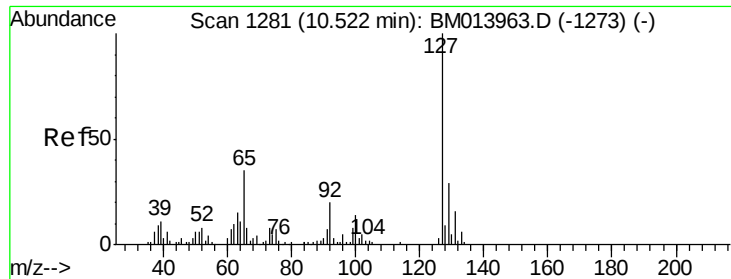
Tot Ion	Ratio	Lower	Upper
107	100		
121	23.1	31.9	47.9#
122	12.5	57.8	86.6#



#28
Naphthalene
Concen: 13.367 ng/ul
RT: 10.40 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BM013964.D
Acq: 29 Jan 2018 18:53

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.3	8.8	13.2#
127	14.3	10.6	16.0

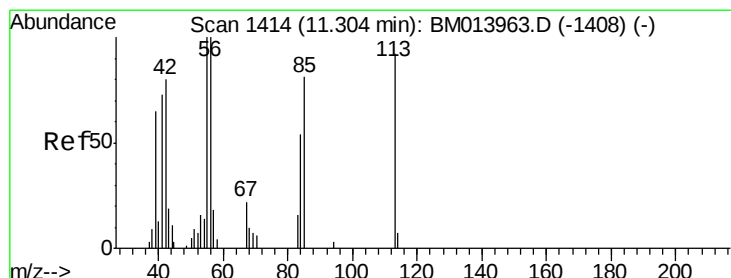
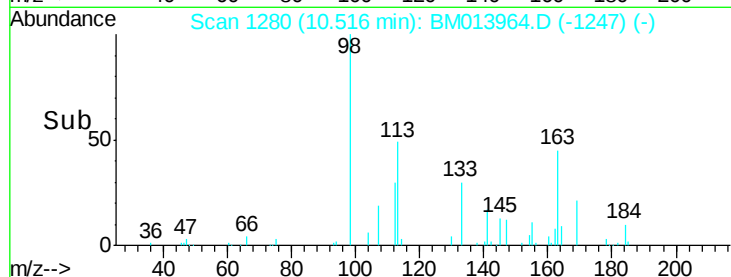
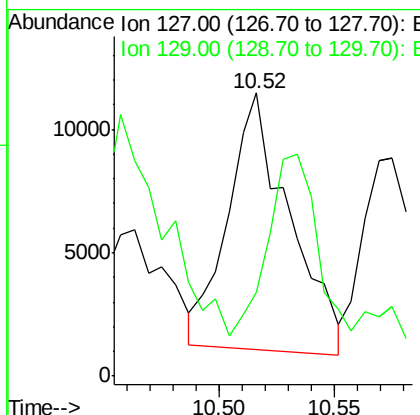
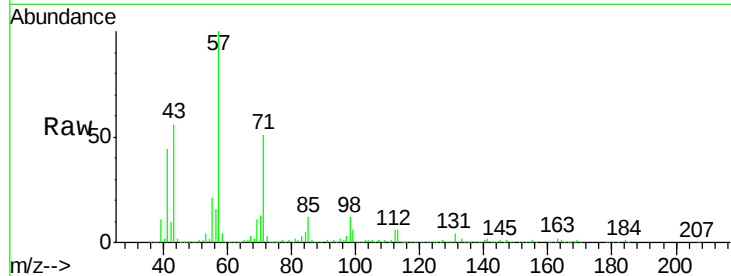




#30
4-Chloroaniline
Concen: 2.313 ng/ul
RT: 10.52 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BM013964.D
Acq: 29 Jan 2018 18:53

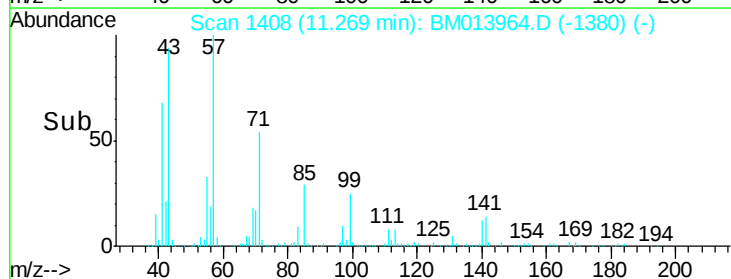
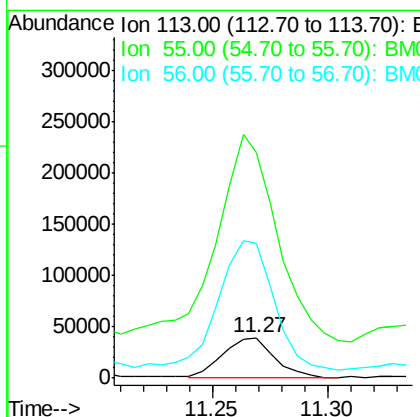
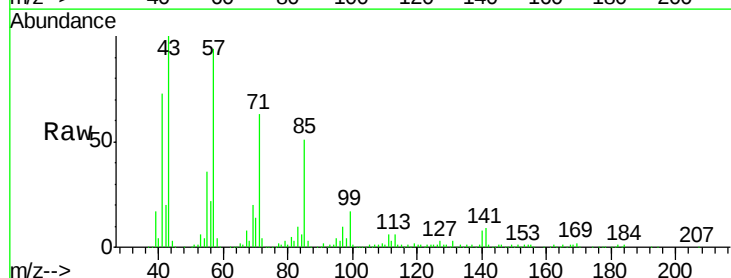
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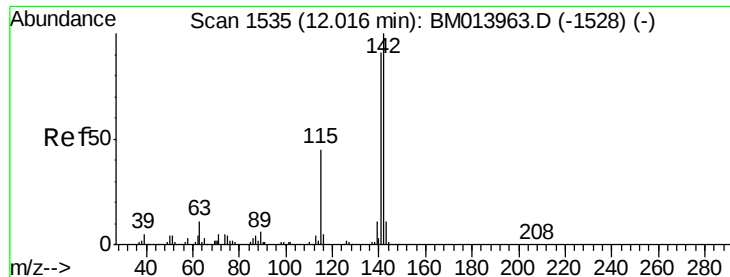
Tot Ion:127 Resp: 19242
Ion Ratio Lower Upper
127 100
129 29.6 28.4 42.6



#32
Caprolactam
Concen: 23.357 ng/ul
RT: 11.27 min Scan# 1408
Delta R.T. -0.03 min
Lab File: BM013964.D
Acq: 29 Jan 2018 18:53

Tgt Ion:113 Resp: 60561
Ion Ratio Lower Upper
113 100
55 559.8 208.0 312.0#
56 335.5 160.0 240.0#

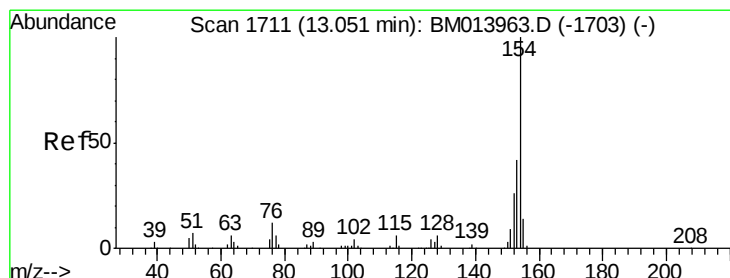
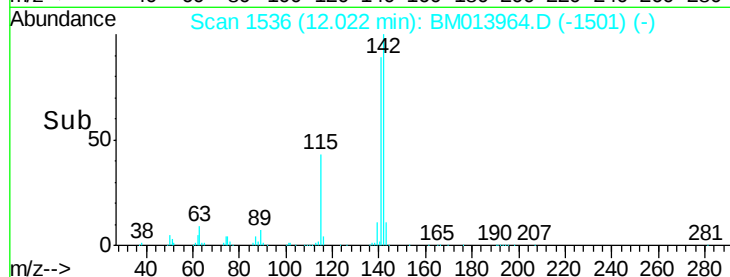
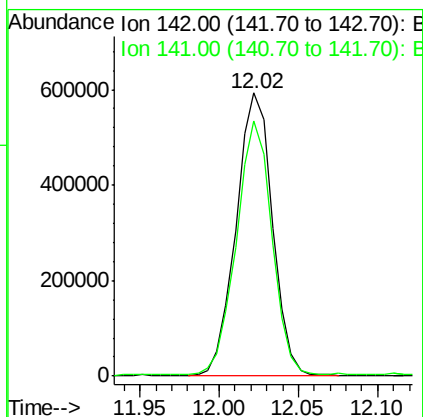
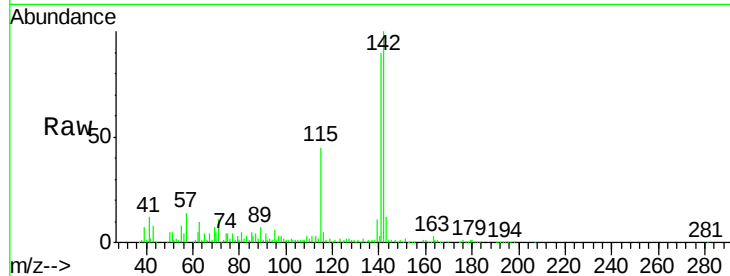




#34
2-Methylnaphthalene
Concen: 41.398 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BM013964.D
Acq: 29 Jan 2018 18:53

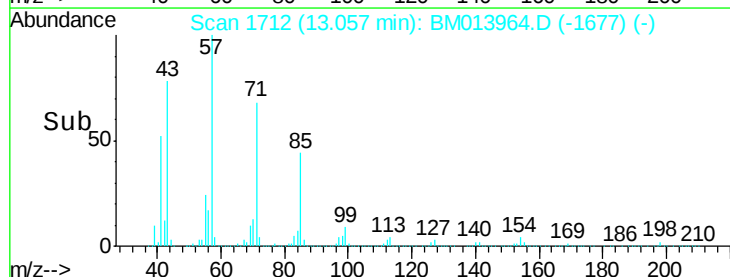
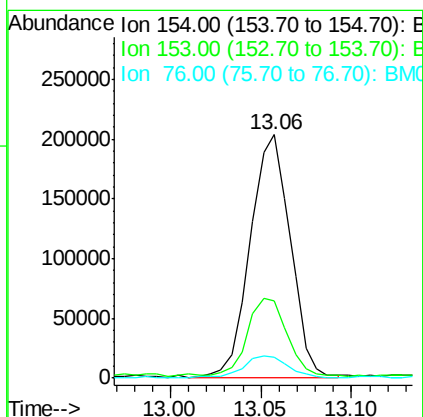
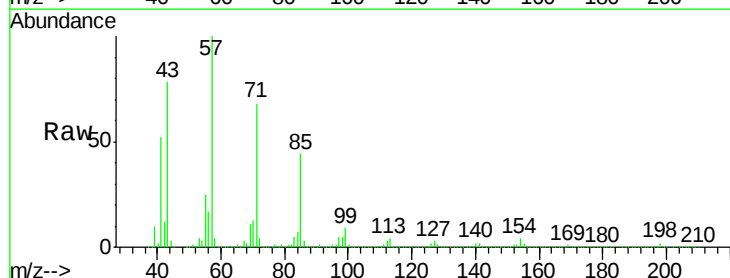
Instrument :
BNA_M
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F6C10

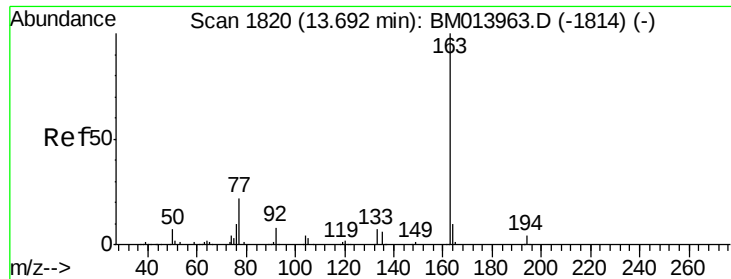
Tot Ion:142 Resp: 937555
Ion Ratio Lower Upper
142 100
141 90.3 74.1 111.1



#40
1,1'-Biphenyl
Concen: 13.359 ng/ul
RT: 13.06 min Scan# 1712
Delta R.T. 0.01 min
Lab File: BM013964.D
Acq: 29 Jan 2018 18:53

Tgt Ion:154 Resp: 311080
Ion Ratio Lower Upper
154 100
153 32.0 32.6 48.8#
76 8.5 8.5 12.7#

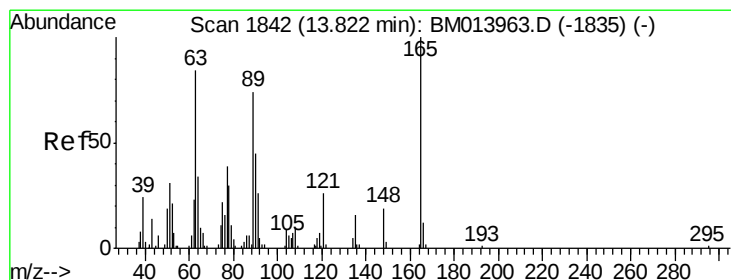
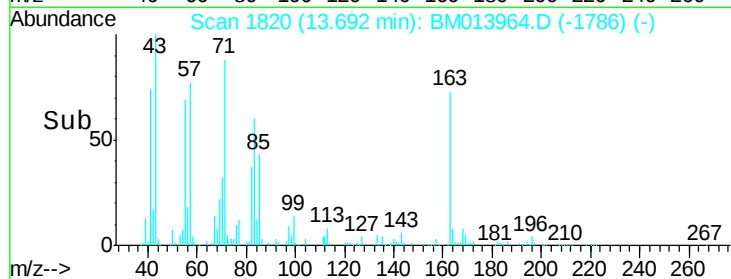
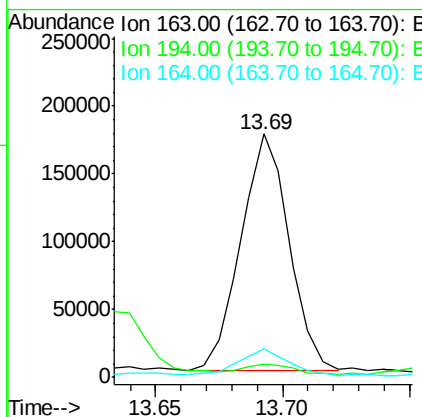
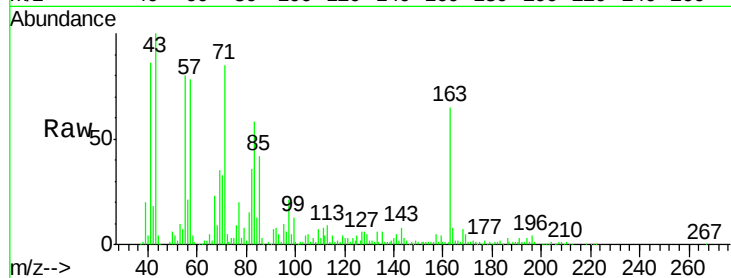




#44
Dimethylphthalate
Concen: 10.245 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BM013964.D
Acq: 29 Jan 2018 18:53

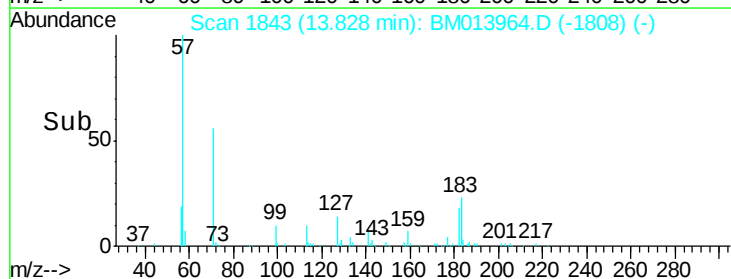
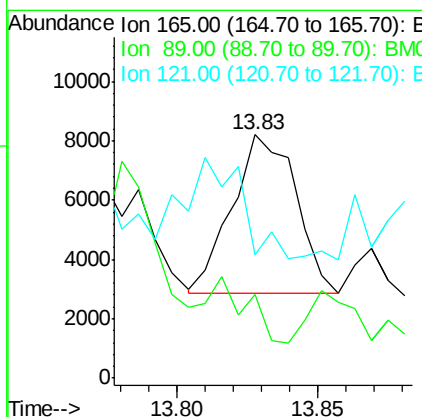
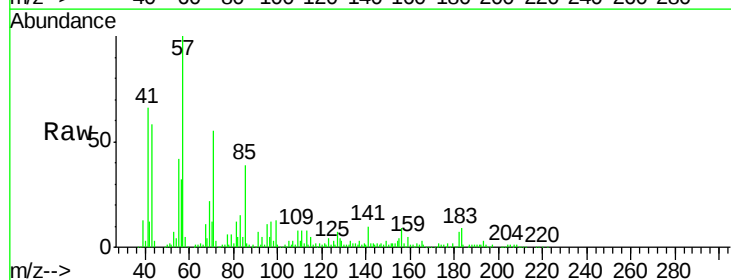
Instrument :
BNA_M
ClientSampleId :
F6C10

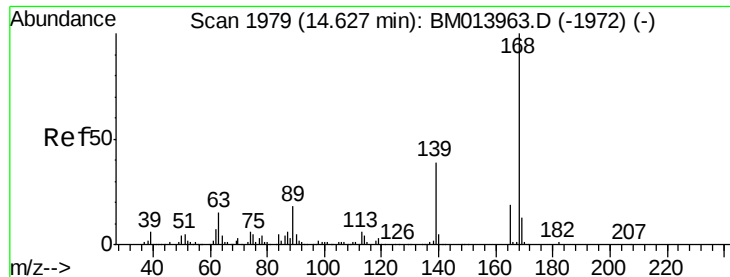
Tot Ion	163	Resp	232229
Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.5	5.3#
164	11.7	8.2	12.4



#45
2,6-Dinitrotoluene
Concen: 1.912 ng/ul
RT: 13.83 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BM013964.D
Acq: 29 Jan 2018 18:53

Tgt Ion	165	Resp	8397
Ion	Ratio	Lower	Upper
165	100		
89	34.1	52.6	79.0#
121	50.7	14.6	22.0#





#53

Dibenzofuran

Concen: 2.543 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. 0.01 min

Lab File: BM013964.D

Acq: 29 Jan 2018 18:53

Instrument :

BNA_M

ClientSampleId :

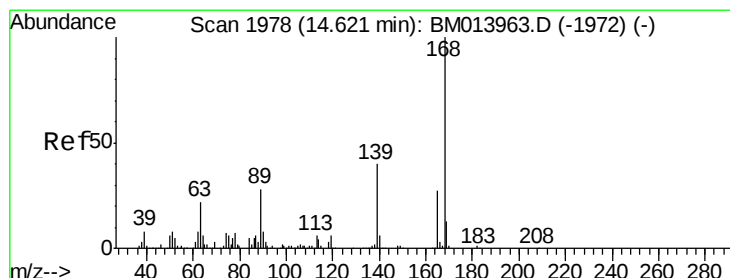
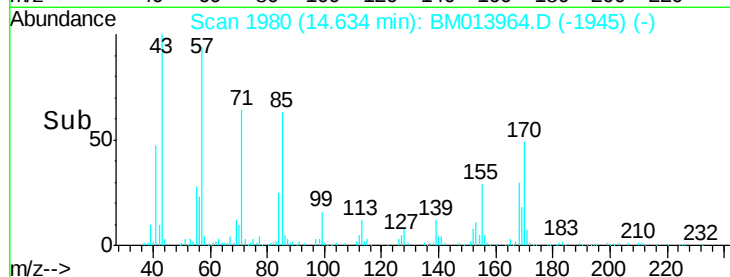
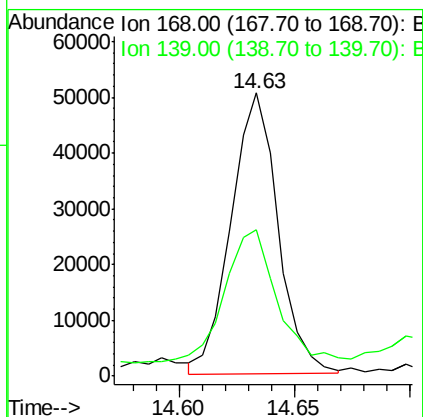
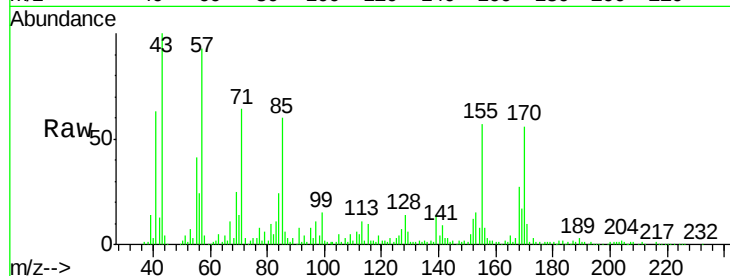
F6C10

Tot Ion:168 Resp: 71260

Ion Ratio Lower Upper

168 100

139 51.8 30.8 46.2#



#54

2,4-Dinitrotoluene

Concen: 1.254 ng/ul

RT: 14.63 min Scan# 1979

Delta R.T. 0.01 min

Lab File: BM013964.D

Acq: 29 Jan 2018 18:53

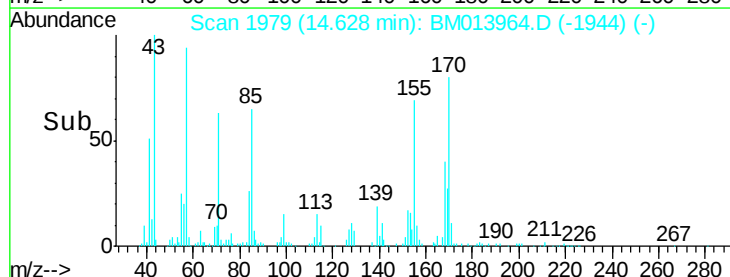
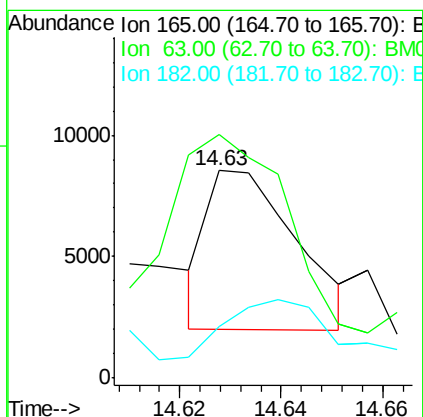
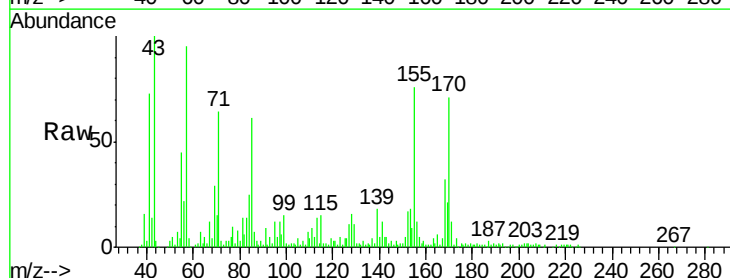
Tgt Ion:165 Resp: 8033

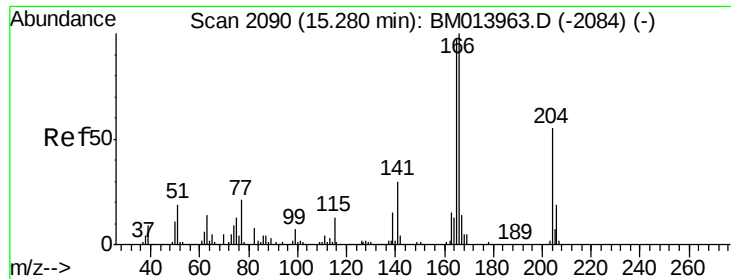
Ion Ratio Lower Upper

165 100

63 117.2 45.8 68.8#

182 25.1 2.6 4.0#





#58

Fluorene

Concen: 1.000 ng/ul

RT: 15.28 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BM013964.D

Acq: 29 Jan 2018 18:53

Instrument :

BNA_M

ClientSampleId :

F6C10

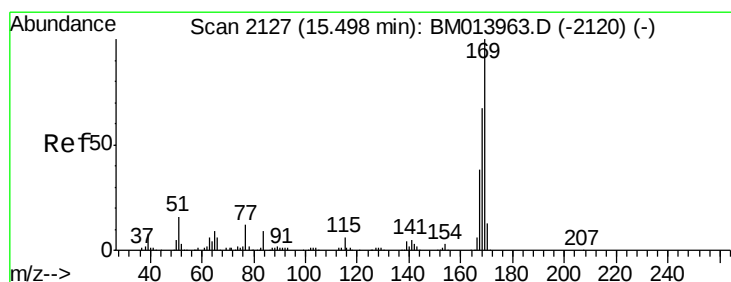
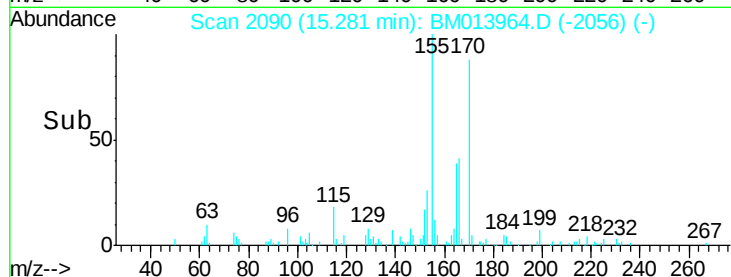
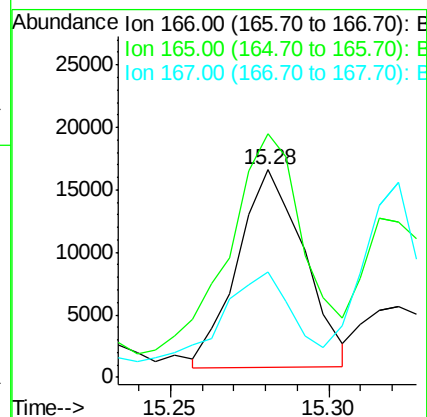
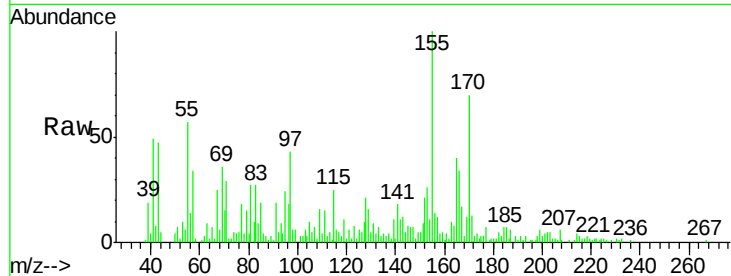
Tot Ion:166 Resp: 22964

Ion Ratio Lower Upper

166 100

165 117.2 77.9 116.9#

167 50.5 10.6 16.0#



#64

N-Nitrosodiphenylamine

Concen: 3.056 ng/ul

RT: 15.49 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BM013964.D

Acq: 29 Jan 2018 18:53

Tgt Ion:169 Resp: 54306

Ion Ratio Lower Upper

169 100

168 34.0 54.0 81.0#

167 7.1 29.1 43.7#

