

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011381.D
 Acq On : 31 Aug 2017 20:44
 Operator : SJ/JU
 Sample : I5001-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 01 05:06:16 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	575610	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	2411476	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	1361673	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	3077233	20.00	ng	0.00
75) Chrysene-d12	21.52	240	3409320	20.00	ng	-0.01
86) Perylene-d12	23.91	264	2919565	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	2269291	66.36	ng	0.00
7) Phenol-d6	7.14	99	1816928	38.32	ng	0.00
23) Nitrobenzene-d5	9.16	82	3451026	94.31	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	2228306	141.44	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	8512752	90.12	ng	0.00
78) Terphenyl-d14	19.97	244	11558229	84.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	224	0.016	ng	# 100
3) Pyridine	3.85	79	48340	1.108	ng	# 84
4) n-Nitrosodimethylamine	3.75	42	557	0.025	ng	# 1
6) Aniline	7.31	93	47785	0.742	ng	# 96
8) 2-Chlorophenol	7.55	128	1144	0.028	ng	# 1
9) Benzaldehyde	7.13	77	8213	0.298	ng	# 34
10) Phenol	7.17	94	1198	0.023	ng	# 7
14) 1,2-Dichlorobenzene	8.35	146	1822	0.040	ng	# 1
15) Benzyl Alcohol	8.22	79	2783	0.081	ng	# 52
16) 2,2'-oxybis(1-Chloropropan	8.55	45	575	0.008	ng	# 1
17) 2-Methylphenol	8.41	107	109	0.003	ng	# 1
18) Hexachloroethane	9.08	117	106	0.007	ng	# 27
19) n-Nitroso-di-n-propylamine	8.80	70	166	0.005	ng	# 1
20) 3+4-Methylphenols	8.73	107	126	0.003	ng	# 1
22) Acetophenone	8.82	105	46236	0.772	ng	# 89
24) Nitrobenzene	9.22	77	496	0.012	ng	# 42
25) Isophorone	9.70	82	837	0.010	ng	# 62
27) 2,4-Dimethylphenol	9.98	122	2359	0.062	ng	# 6
28) bis(2-Chloroethoxy)methane	10.17	93	258	0.005	ng	# 50
31) Naphthalene	10.86	128	1170	0.009	ng	# 69
32) Benzoic acid	10.08	122	129	6.544	ng	# 33
33) 4-Chloroaniline	10.95	127	27843	0.489	ng	# 89
36) 4-Chloro-3-methylphenol	12.05	107	132	0.003	ng	# 14
45) 1,1'-Biphenyl	13.46	154	12323	0.102	ng	# 96
47) 2-Nitroaniline	13.67	65	274	5.446	ng	# 1
48) Acenaphthylene	14.35	152	317	0.002	ng	# 61
49) Dimethylphthalate	14.07	163	1473	0.014	ng	# 77
51) Acenaphthene	14.63	154	5058	0.056	ng	# 5
52) 3-Nitroaniline	14.52	138	2134	0.080	ng	# 79
54) Dibenzofuran	15.01	168	377	0.003	ng	# 48
55) 4-Nitrophenol	14.82	139	148	0.007	ng	# 38
57) Fluorene	15.61	166	5998	0.055	ng	# 11
59) Diethylphthalate	15.43	149	10285	0.092	ng	# 92
61) 4-Nitroaniline	15.68	138	715	0.026	ng	# 83

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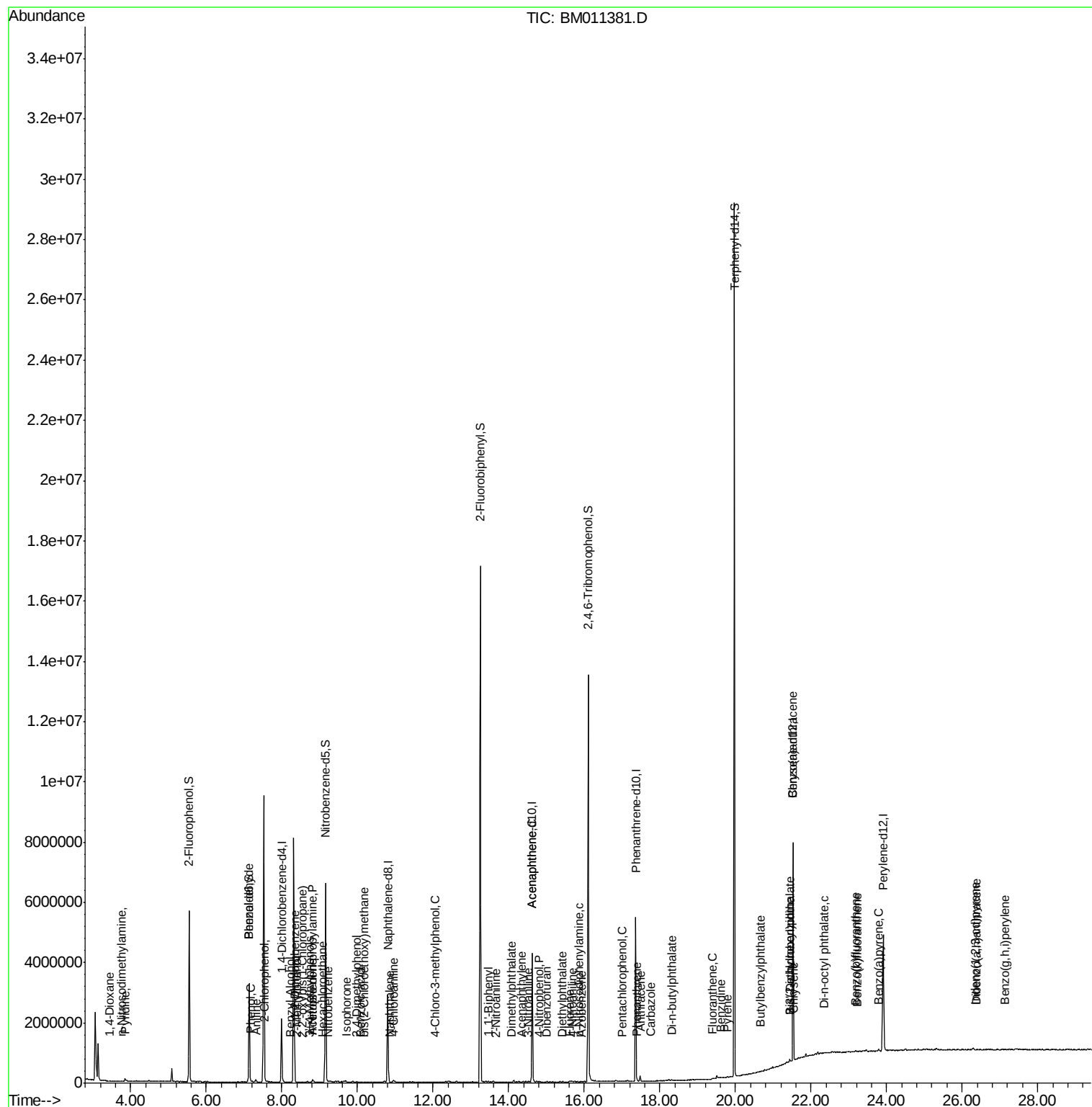
62) Azobenzene	15.93	77	1102	0.011	nq	# 59
65) n-Nitrosodiphenylamine	15.86	169	137	0.001	nq	# 24
69) Pentachlorophenol	17.00	266	405	0.019	nq	# 19
70) Phenanthrene	17.40	178	2261	0.013	nq	# 77
71) Anthracene	17.49	178	588	0.003	nq	# 59
72) Carbazole	17.76	167	1341	0.008	nq	# 74
73) Di-n-butylphthalate	18.32	149	16583	0.086	nq	# 97
74) Fluoranthene	19.41	202	1504	0.008	nq	# 66
76) Benzidine	19.60	184	19504	0.290	nq	# 96
77) Pvrene	19.77	202	1637	0.008	nq	# 57
79) Butylbenzylphthalate	20.66	149	983	0.011	nq	# 92
80) Benzo(a)anthracene	21.52	228	9626	0.050	nq	# 70
81) 3,3'-Dichlorobenzidine	21.44	252	11696	0.162	nq	# 96
82) Chrysene	21.56	228	1802	0.010	nq	# 80
83) Bis(2-ethylhexyl)phthalate	21.43	149	10522	0.078	nq	# 87
84) Di-n-octyl phthalate	22.35	149	1819	0.008	nq	# 66
85) Indeno(1,2,3-cd)pyrene	26.34	276	1355	0.008	nq	# 60
87) Benzo(b)fluoranthene	23.18	252	1688	0.009	nq	# 1
88) Benzo(k)fluoranthene	23.23	252	1244	0.007	nq	# 1
89) Benzo(a)pyrene	23.79	252	813	0.005	nq	# 1
90) Dibenzo(a,h)anthracene	26.36	278	157	0.001	nq	# 1
91) Benzo(g,h,i)perylene	27.14	276	120	0.001	nq	# 6

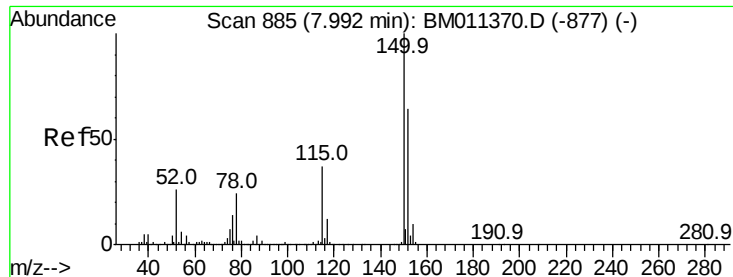
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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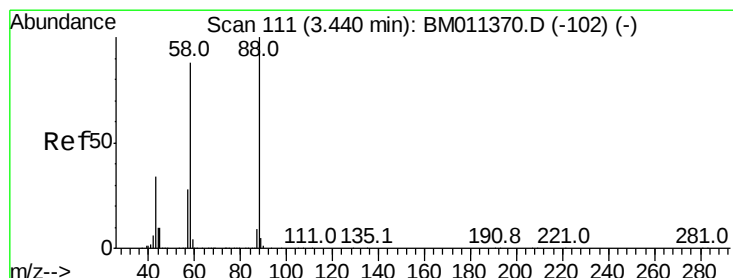
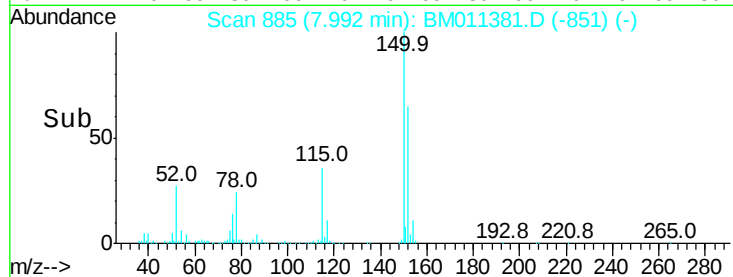
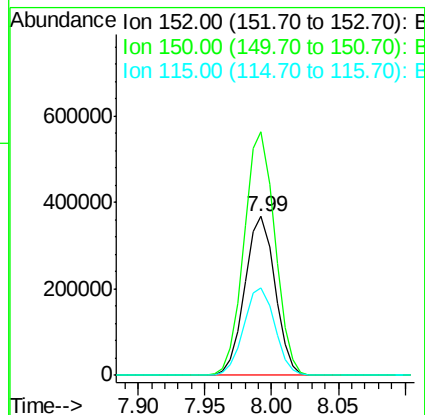
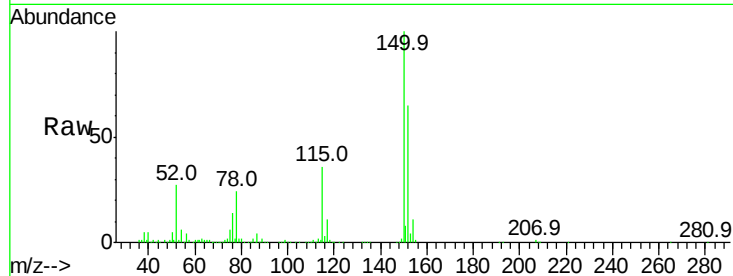


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 885
Delta R.T. 0.00 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

Instrument :
BNA_M
ClientSampleId :

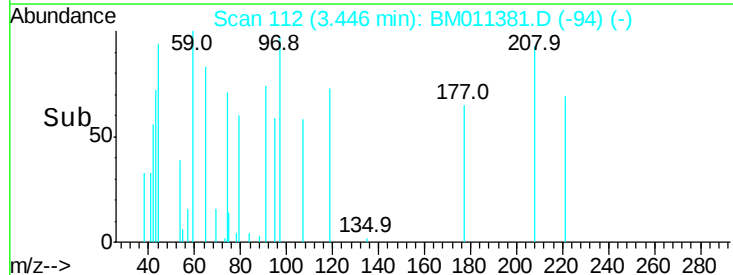
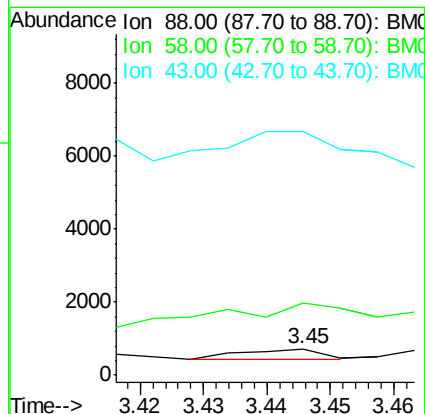
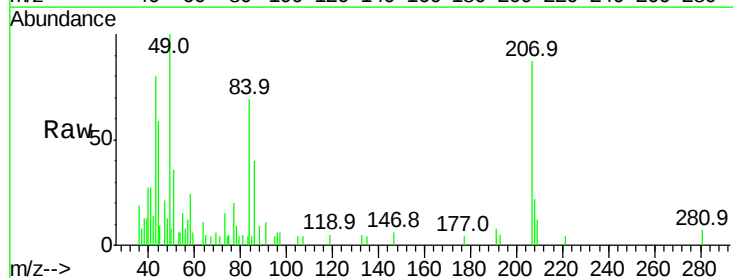
Tot Ion:152 Resp: 575610
Ion Ratio Lower Upper
152 100
150 153.1 119.5 179.3
115 55.1 43.0 64.4

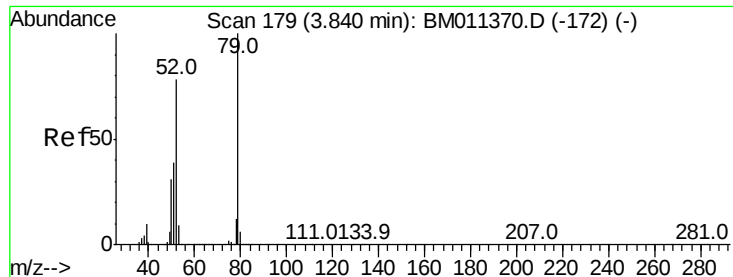


#2

1,4-Dioxane
Concen: 0.016 ng
RT: 3.45 min Scan# 112
Delta R.T. 0.01 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

Tgt Ion: 88 Resp: 224
Ion Ratio Lower Upper
88 100
58 562.5 0.0 0.0#
43 892.0 0.0 0.0#





#3

Pvridine

Concen: 1.108 ng

RT: 3.85 min Scan# 181

Delta R.T. 0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

Instrument :

BNA_M

ClientSampleId :

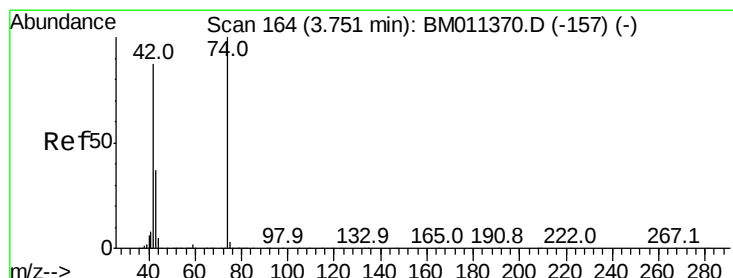
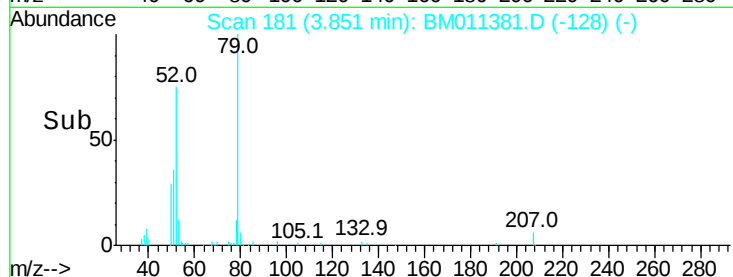
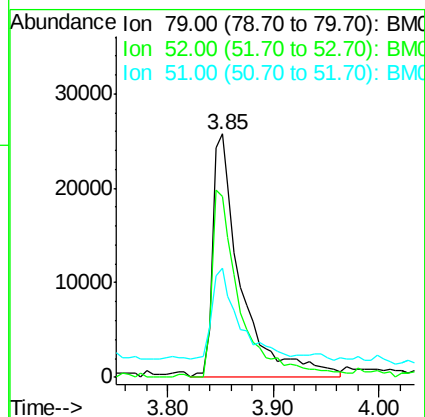
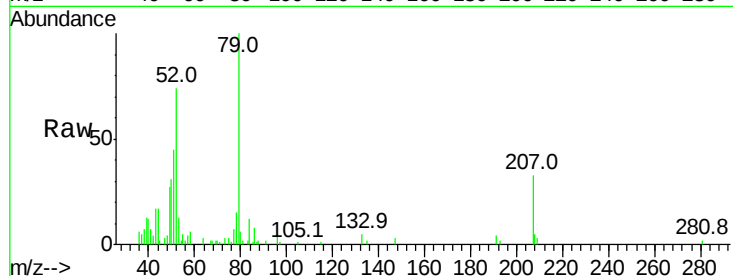
Tot Ion: 79 Resp: 48340

Ion Ratio Lower Upper

79 100

52 74.4 51.1 76.7

51 44.7 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 0.025 ng

RT: 3.75 min Scan# 164

Delta R.T. 0.00 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

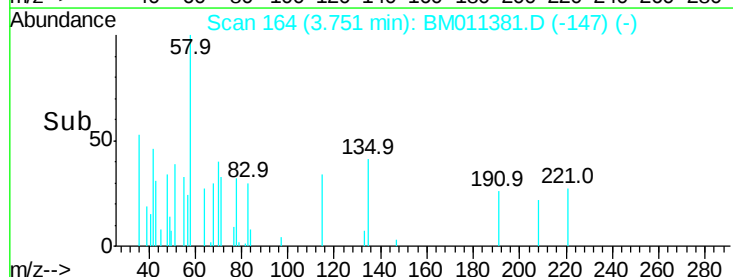
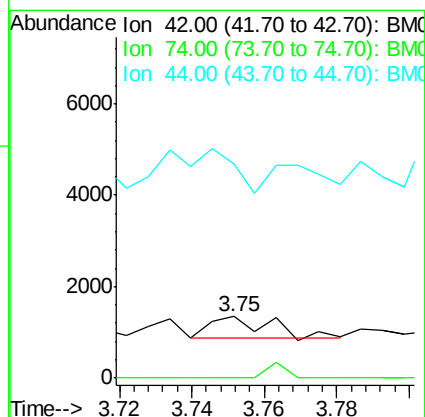
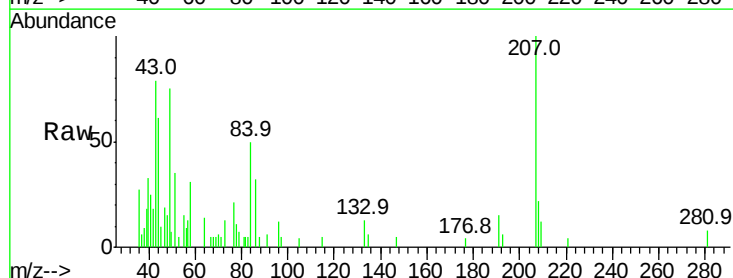
Tgt Ion: 42 Resp: 557

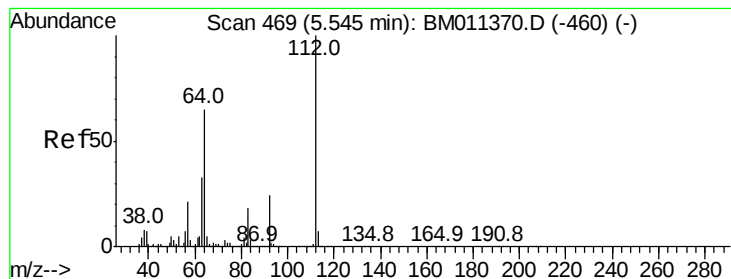
Ion Ratio Lower Upper

42 100

74 0.0 119.3 178.9#

44 348.1 5.4 8.2#





#5

2-Fluorophenol

Concen: 66.362 ng

RT: 5.55 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

Instrument :

BNA_M

ClientSampleId :

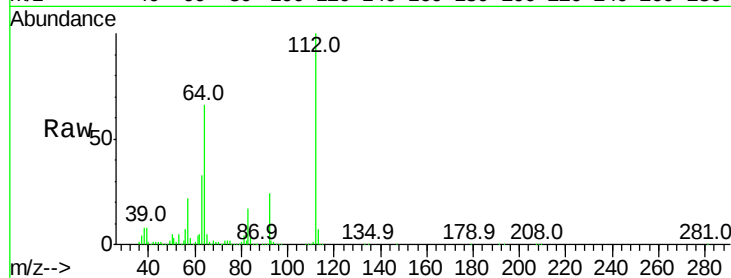
Tot Ion:112 Resp: 2269291

Ion Ratio Lower Upper

112 100

64 65.9 38.6 57.8#

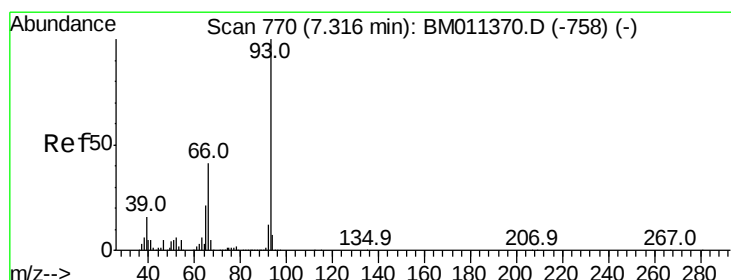
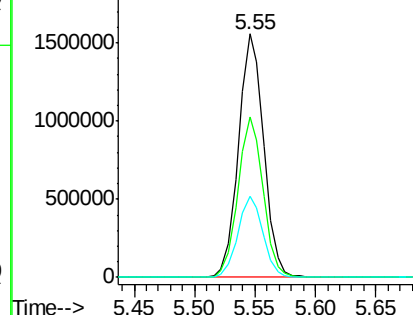
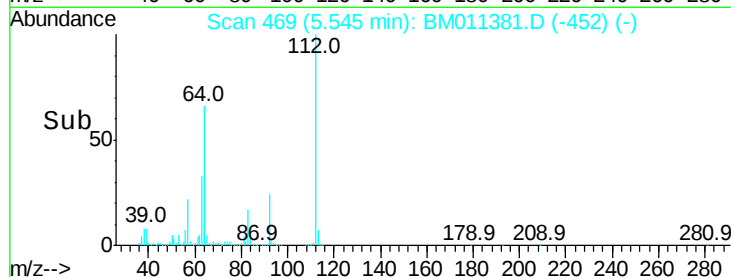
63 33.2 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 0.742 ng

RT: 7.31 min Scan# 769

Delta R.T. -0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

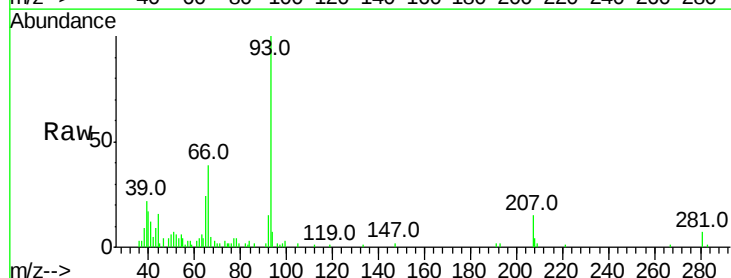
Tgt Ion: 93 Resp: 47785

Ion Ratio Lower Upper

93 100

66 38.7 30.8 46.2

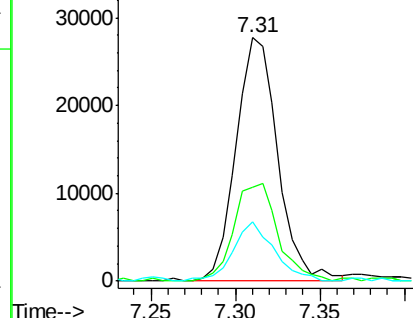
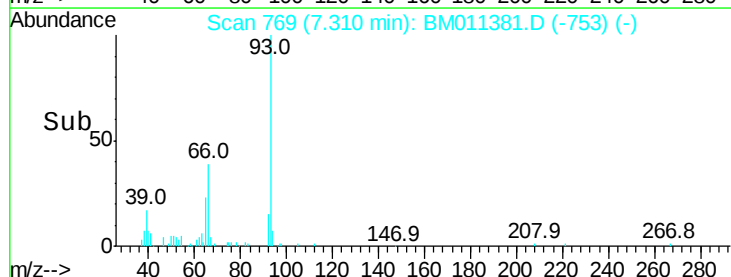
65 24.5 16.0 24.0#

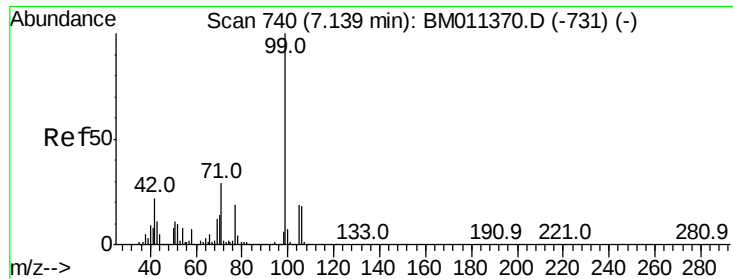


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 38.318 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

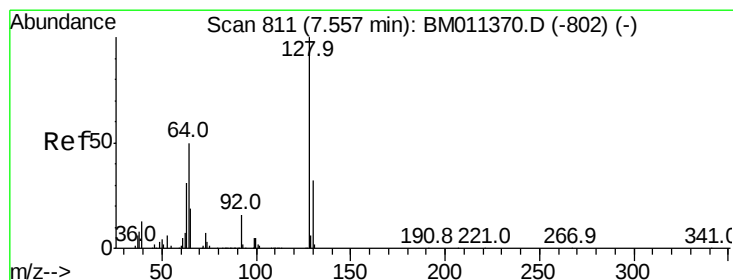
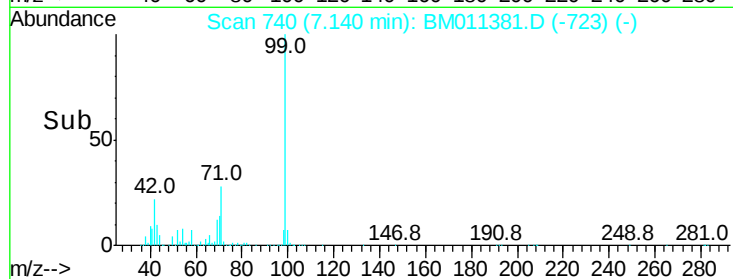
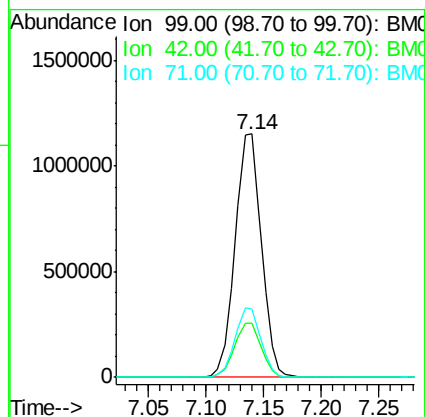
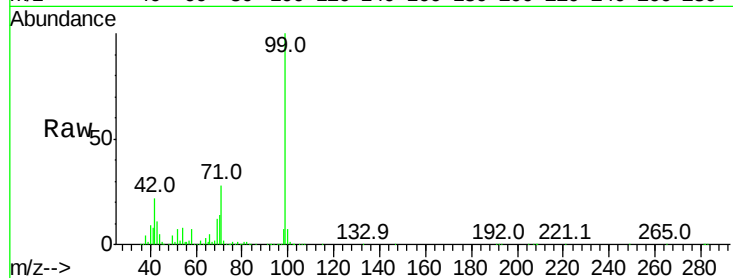
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1816928

Ion	Ratio	Lower	Upper
99	100		
42	22.3	11.0	16.4#
71	27.9	23.4	35.2



#8

2-Chlorophenol

Concen: 0.028 ng

RT: 7.55 min Scan# 810

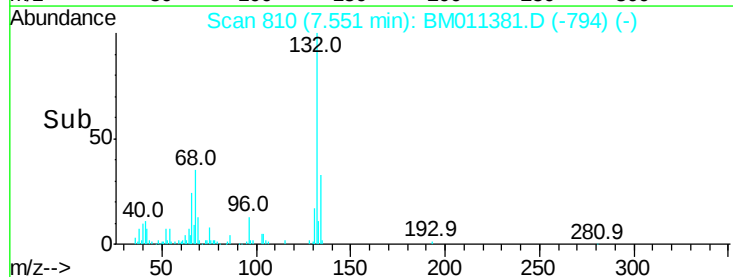
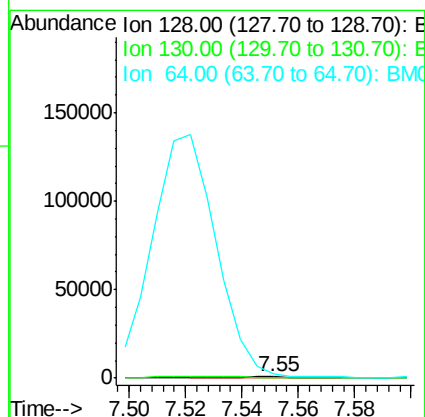
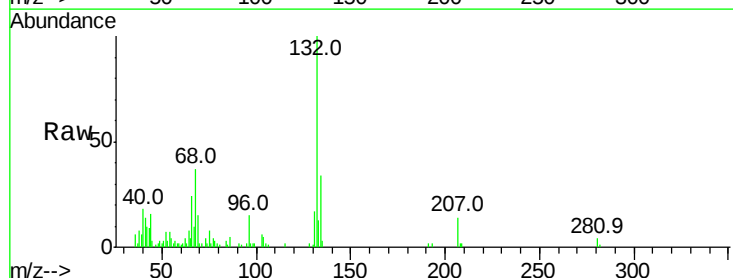
Delta R.T. -0.01 min

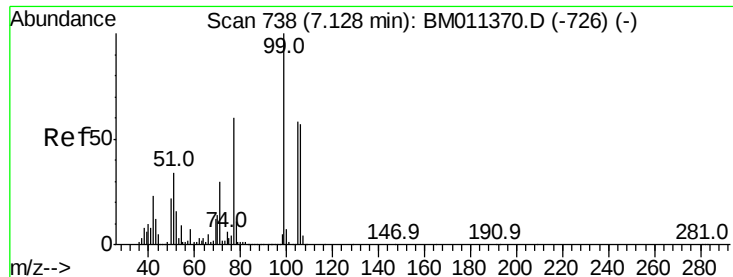
Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

Tgt Ion: 128 Resp: 1144

Ion	Ratio	Lower	Upper
128	100		
130	54.5	12.0	52.0#
64	328.6	24.9	64.9#

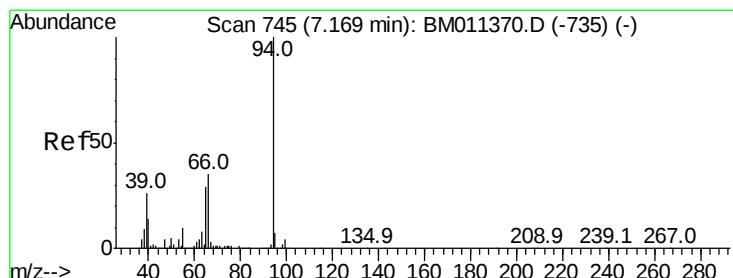
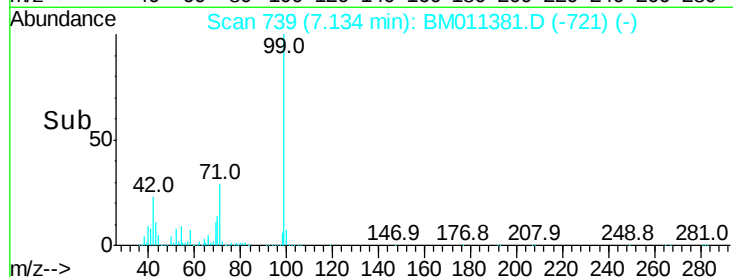
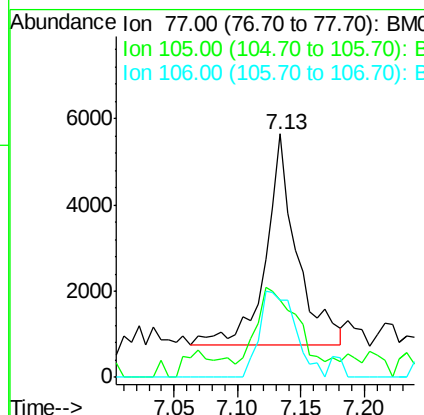
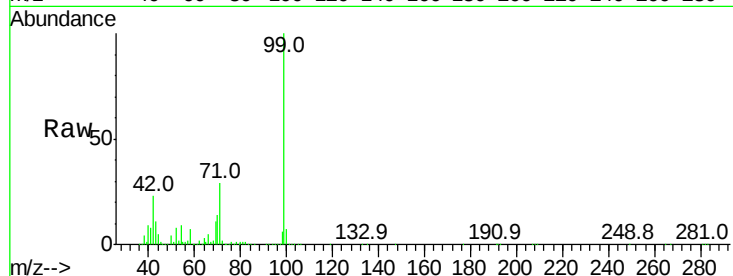




#9
Benzaldehyde
Concen: 0.298 ng
RT: 7.13 min Scan# 739
Delta R.T. 0.01 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

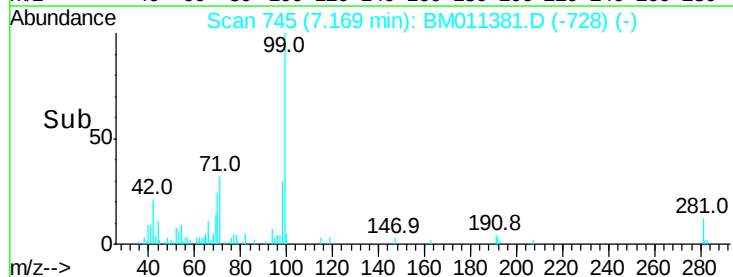
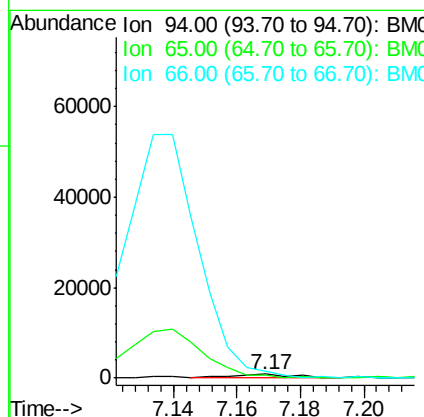
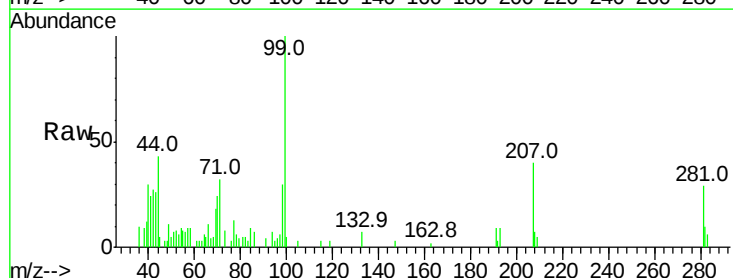
Instrument :
BNA_M
ClientSampled :

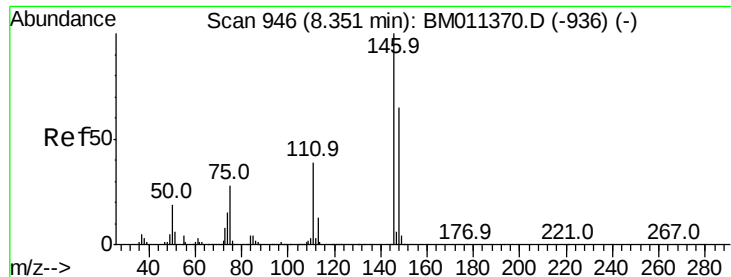
Tot Ion: 77 Resp: 8213
Ion Ratio Lower Upper
77 100
105 31.7 78.8 118.8#
106 31.8 73.7 113.7#



#10
Phenol
Concen: 0.023 ng
RT: 7.17 min Scan# 745
Delta R.T. 0.00 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

Tgt Ion: 94 Resp: 1198
Ion Ratio Lower Upper
94 100
65 70.3 18.8 58.8#
66 150.2 39.9 79.9#





#14

1,2-Dichlorobenzene

Concen: 0.040 ng

RT: 8.35 min Scan# 945

Delta R.T. -0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

Instrument :

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ClientSampleId :

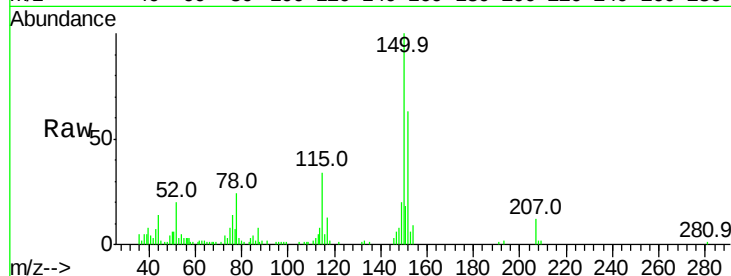
Tot Ion:146 Resp: 1822

Ion Ratio Lower Upper

146 100

148 300.3 52.3 78.5#

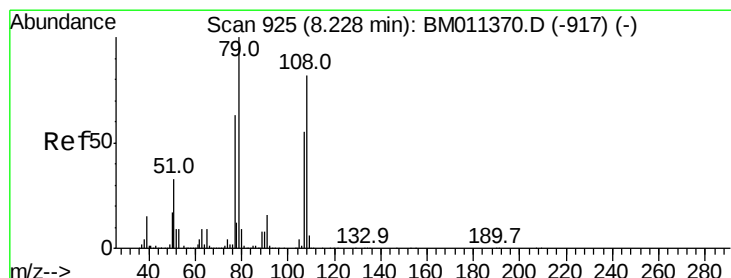
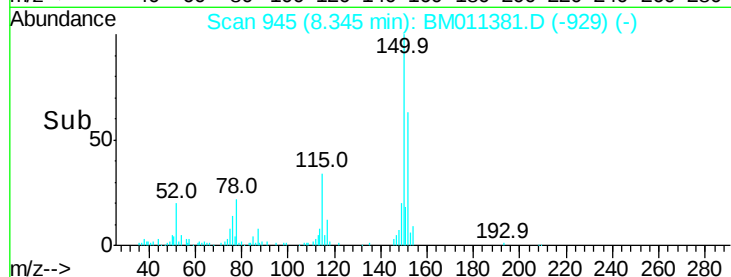
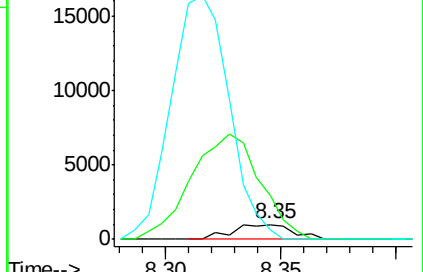
111 66.1 30.6 45.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 0.081 ng

RT: 8.22 min Scan# 923

Delta R.T. -0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

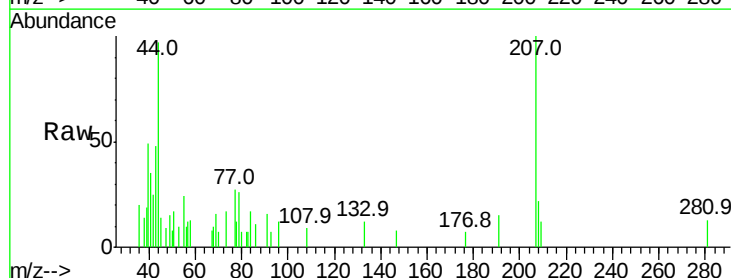
Tgt Ion: 79 Resp: 2783

Ion Ratio Lower Upper

79 100

108 36.2 65.0 97.4#

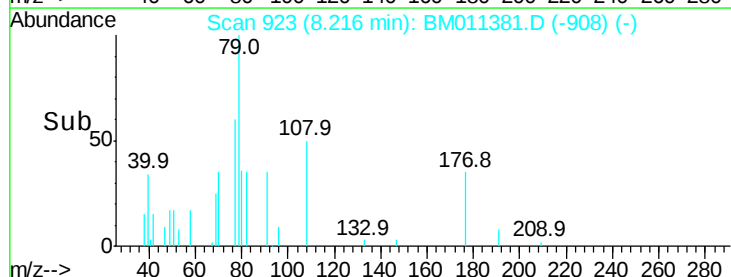
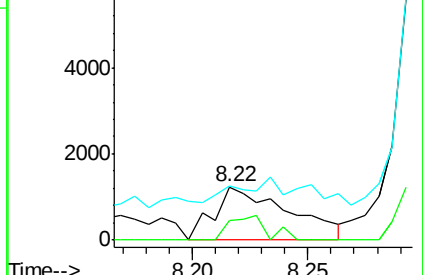
77 102.5 53.0 79.6#

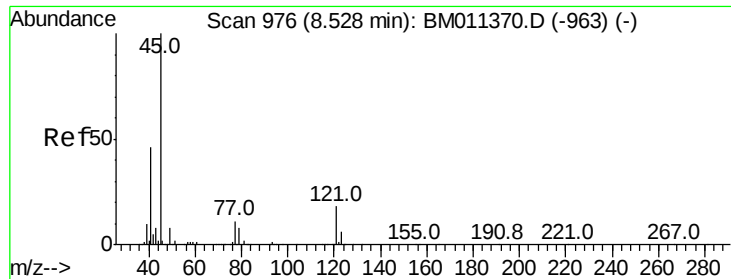


Abundance Ion 79.00 (78.70 to 79.70): BM

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

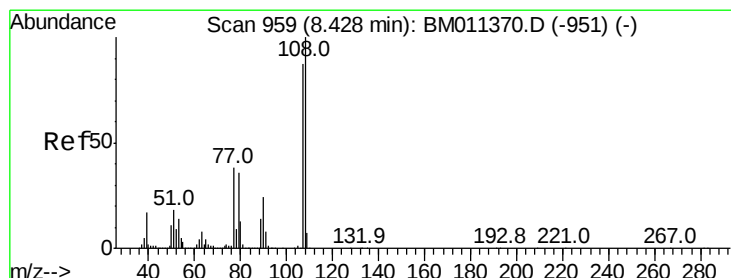
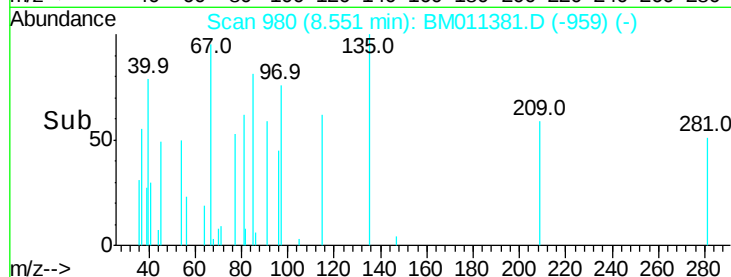
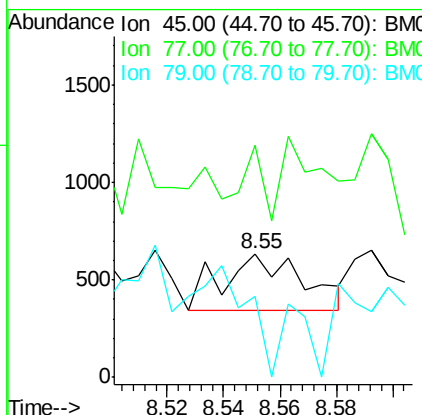
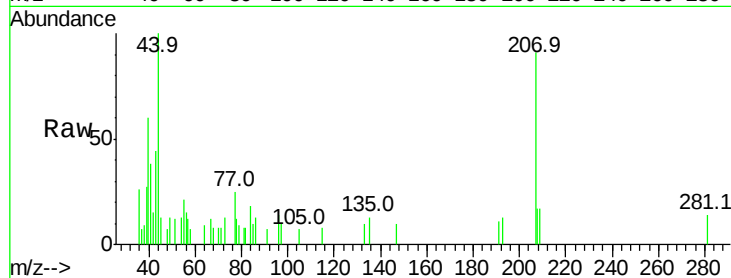




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.008 ng
RT: 8.55 min Scan# 980
Delta R.T. 0.02 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

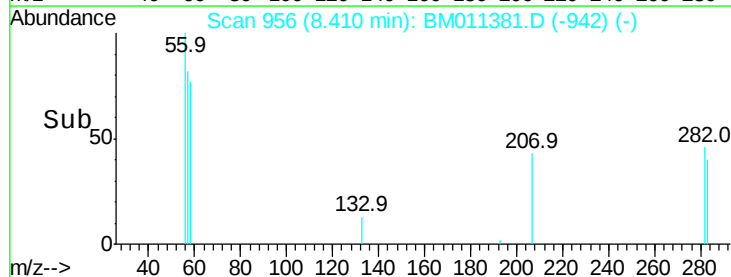
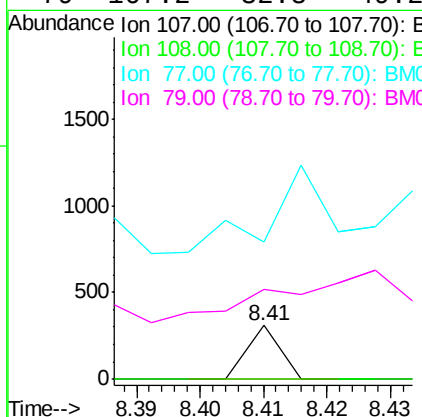
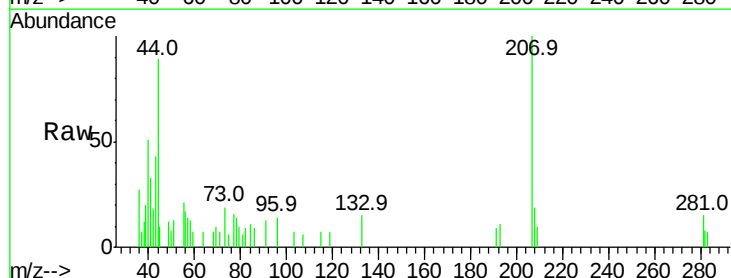
Instrument :
BNA_M
ClientSampled :

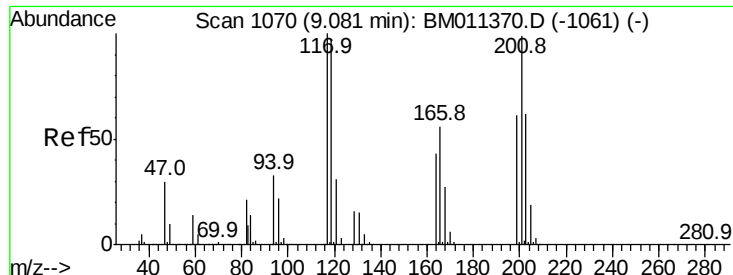
Tot Ion: 45 Resp: 575
Ion Ratio Lower Upper
45 100
77 188.6 0.0 35.2#
79 65.7 0.0 32.0#



#17
2-Methylphenol
Concen: 0.003 ng
RT: 8.41 min Scan# 956
Delta R.T. -0.02 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

Tgt Ion: 107 Resp: 109
Ion Ratio Lower Upper
107 100
108 0.0 89.8 134.8#
77 256.5 32.6 48.8#
79 167.2 32.8 49.2#





#18

Hexachloroethane

Concen: 0.007 ng

RT: 9.08 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

Instrument :

BNA_M

ClientSampleId :

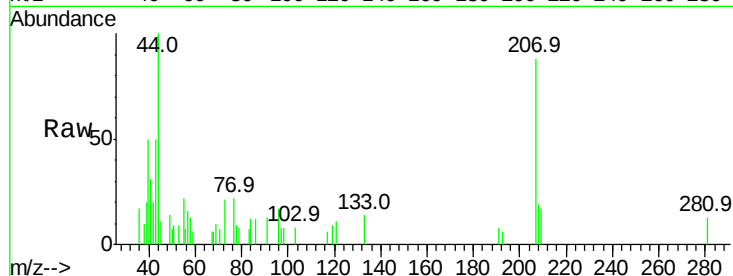
Tot Ion:117 Resp: 106

Ion Ratio Lower Upper

117 100

119 152.3 79.2 118.8#

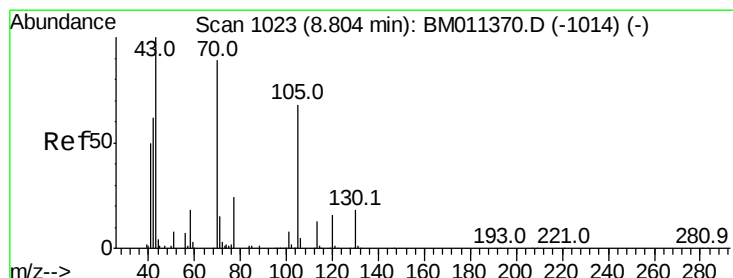
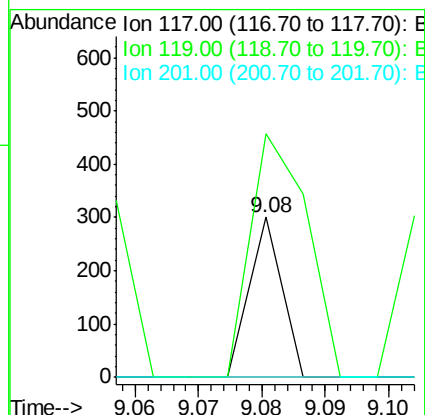
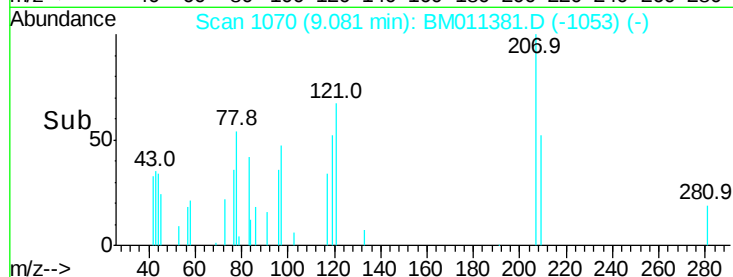
201 0.0 69.8 104.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 0.005 ng

RT: 8.80 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

Tgt Ion: 70 Resp: 166

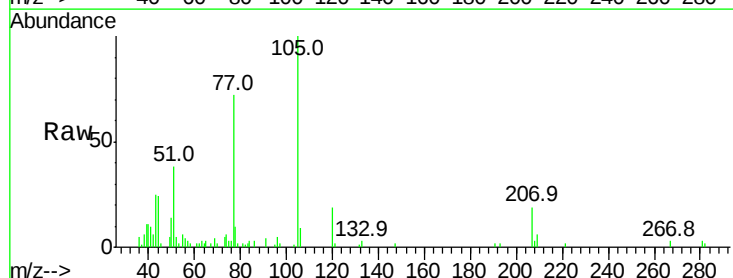
Ion Ratio Lower Upper

70 100

42 283.6 44.5 66.7#

101 0.0 7.4 11.2#

130 0.0 15.3 22.9#

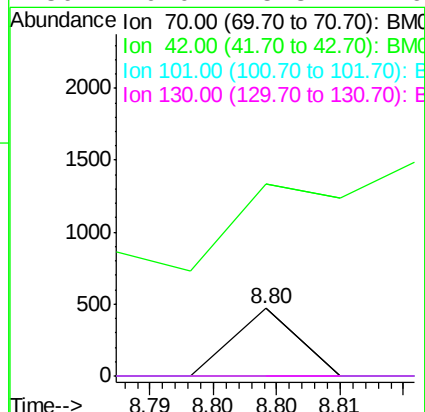
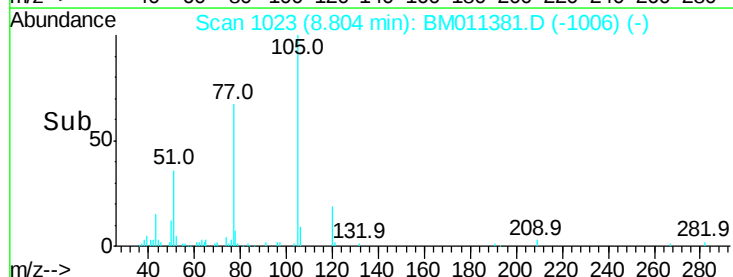


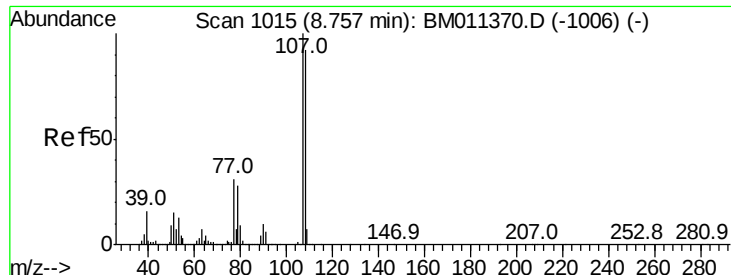
Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

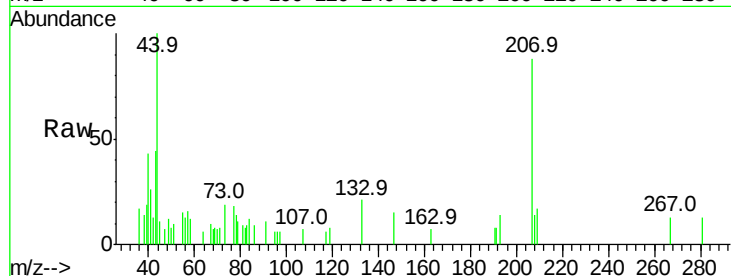




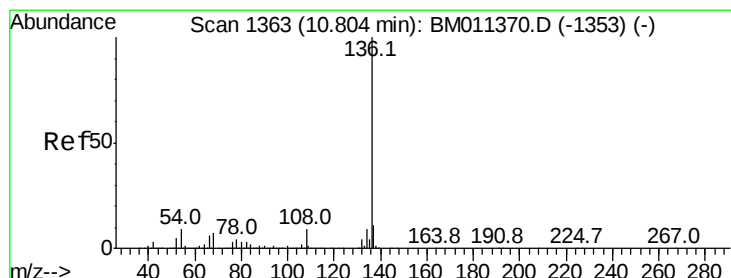
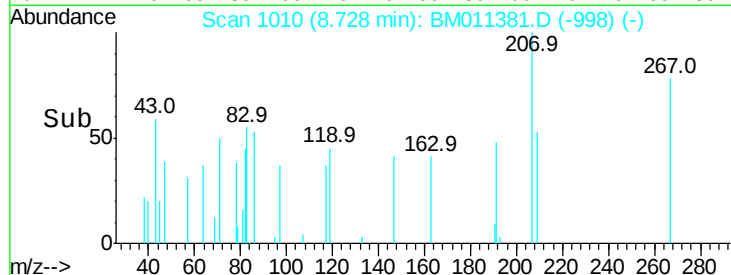
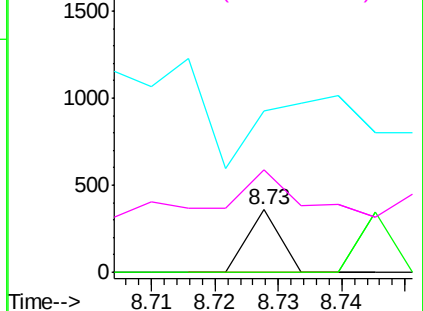
#20
3+4-Methylphenols
Concen: 0.003 ng
RT: 8.73 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

Instrument :
BNA_M
ClientSampled :

Tot Ion:107 Resp: 126
Ion Ratio Lower Upper
107 100
108 0.0 73.2 113.2#
77 258.5 10.7 50.7#
79 164.1 9.6 49.6#

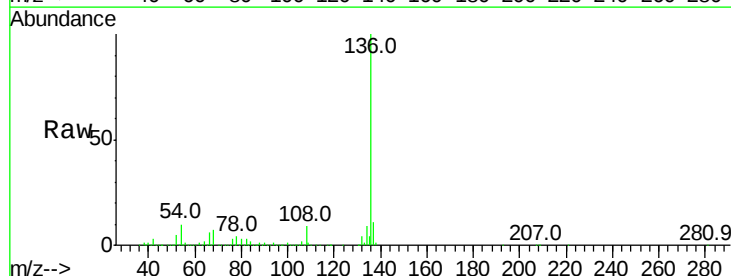


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

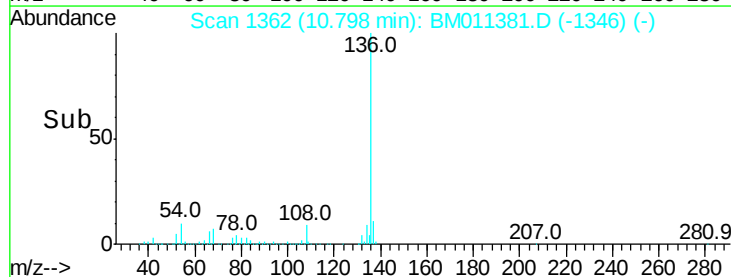
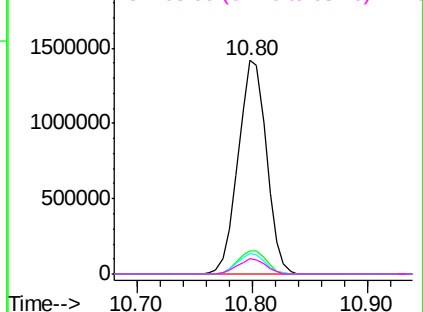


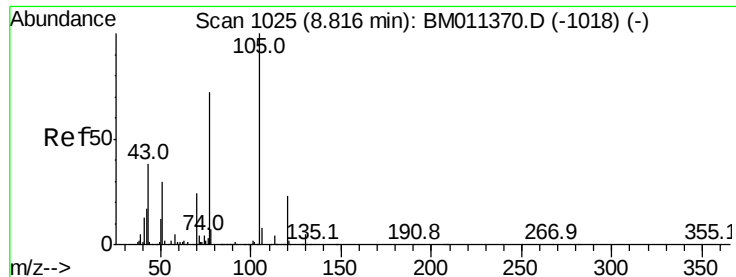
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

Tgt Ion:136 Resp: 2411476
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.8 4.6 6.8#
68 7.0 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0





#22

Acetophenone

Concen: 0.772 ng

RT: 8.82 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BM011381.D

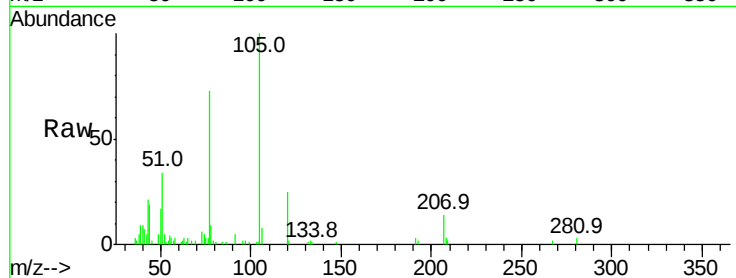
Acq: 31 Aug 2017 20:44

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	105	Resp:	46236
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.6	1.0#
51	33.7	21.6	32.4#
120	24.7	16.1	24.1#



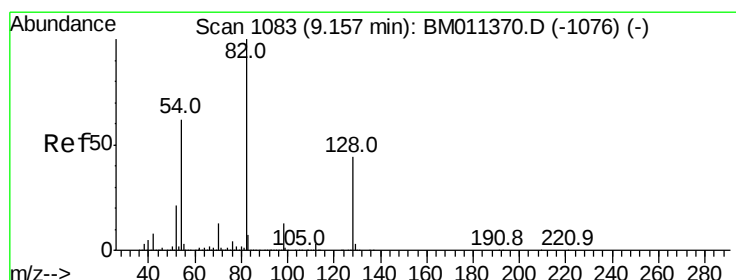
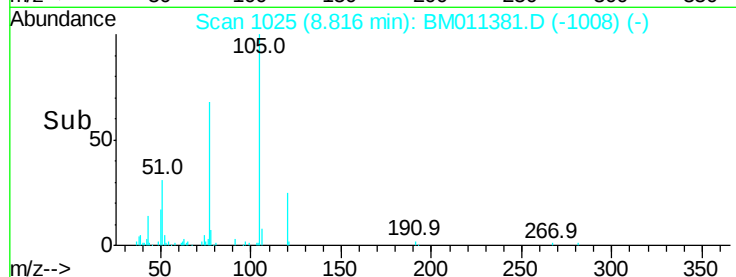
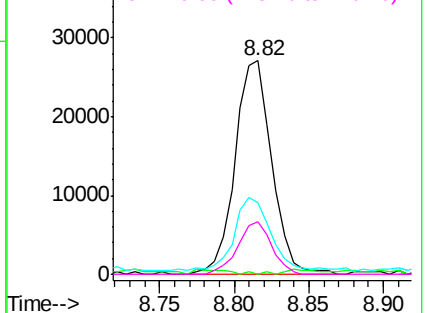
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 94.306 ng

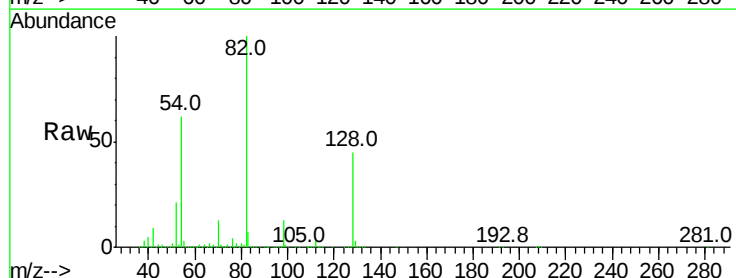
RT: 9.16 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

Tgt Ion:	82	Resp:	3451026
Ion Ratio	Lower	Upper	
82	100		
128	45.5	32.8	49.2
54	62.3	40.6	60.8#

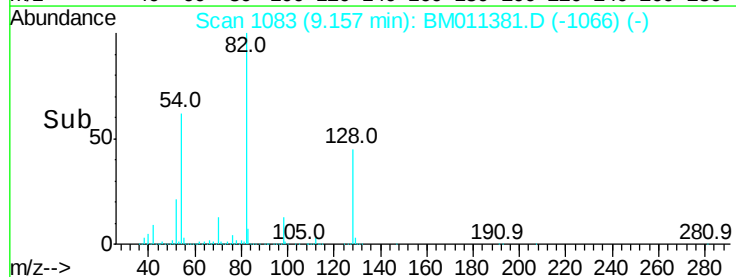
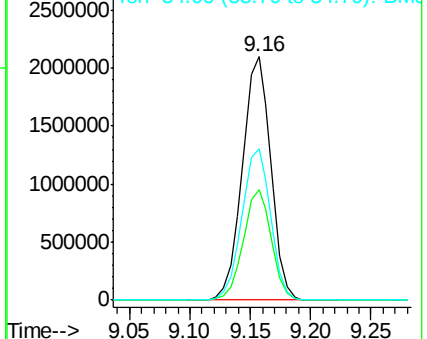


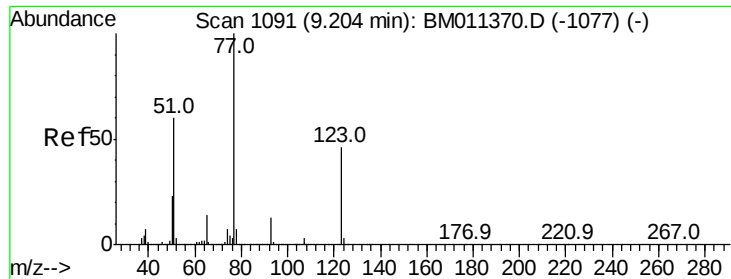
Abundance

Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0

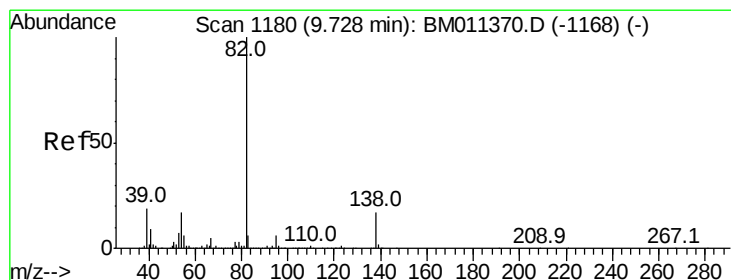
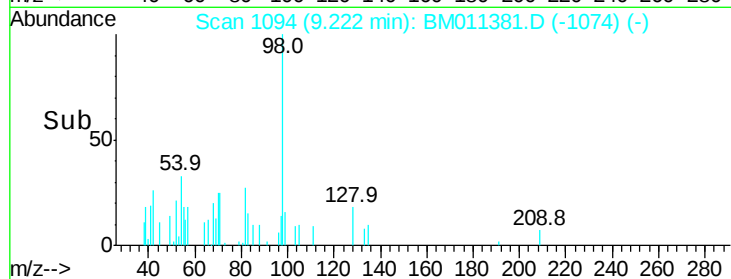
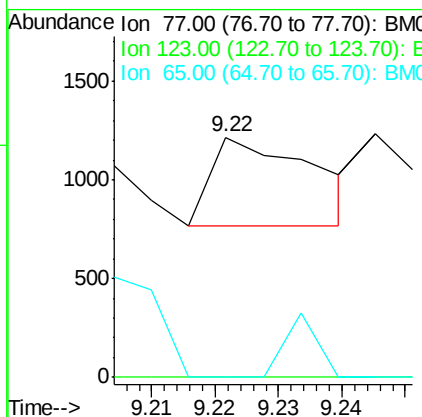
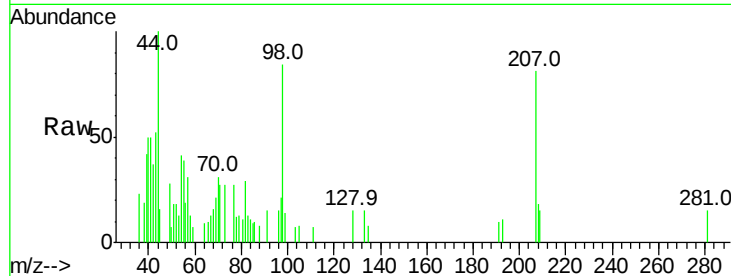




#24
Nitrobenzene
Concen: 0.012 ng
RT: 9.22 min Scan# 1094
Delta R.T. 0.02 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

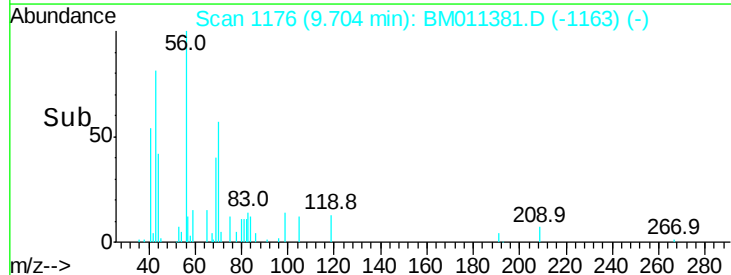
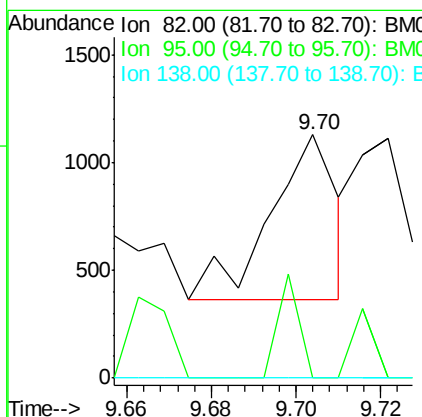
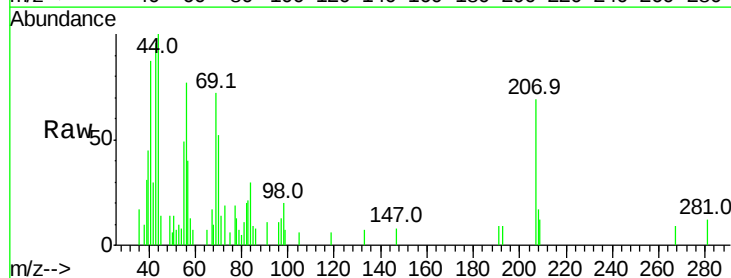
Instrument :
BNA_M
ClientSampleId :

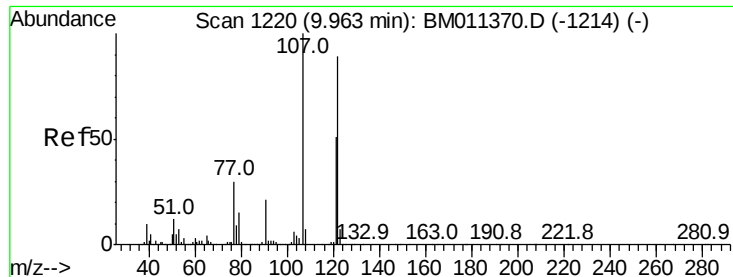
Tot Ion: 77 Resp: 496
Ion Ratio Lower Upper
77 100
123 0.0 32.6 49.0#
65 0.0 10.9 16.3#



#25
Isophorone
Concen: 0.010 ng
RT: 9.70 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

Tgt Ion: 82 Resp: 837
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 16.3 24.5#

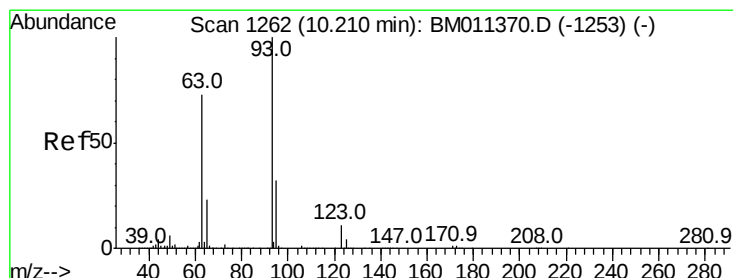
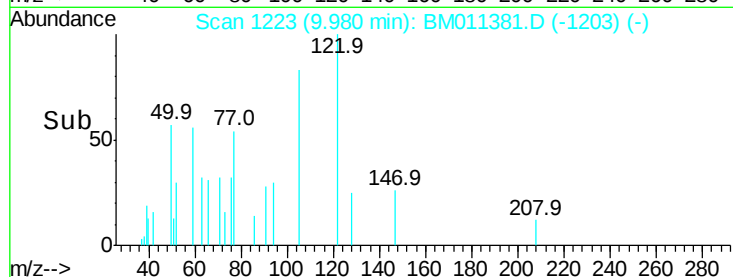
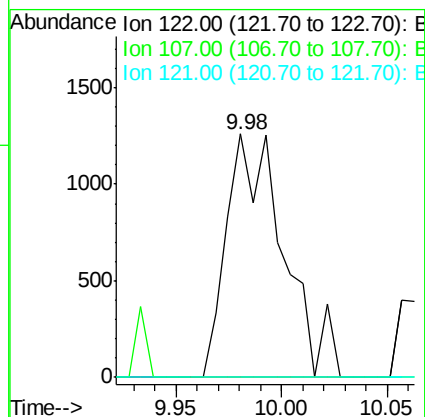
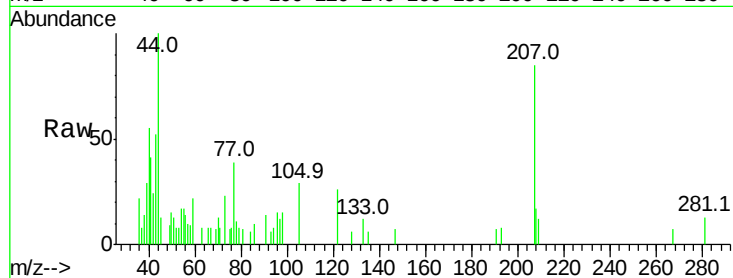




#27
 2,4-Dimethylphenol
 Concen: 0.062 ng
 RT: 9.98 min Scan# 1223
 Delta R.T. 0.02 min
 Lab File: BM011381.D
 Acq: 31 Aug 2017 20:44

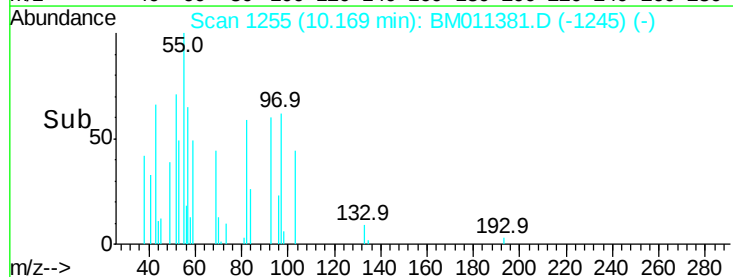
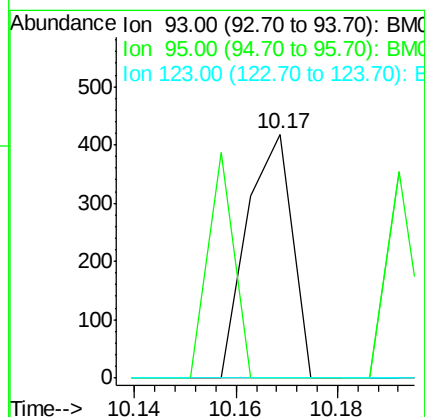
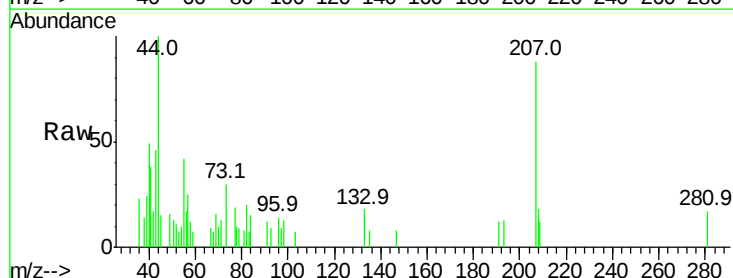
Instrument :
 BNA_M
 ClientSampleId :

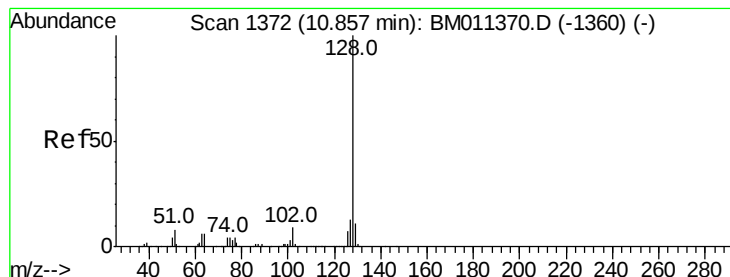
Tot Ion:122 Resp: 2359
 Ion Ratio Lower Upper
 122 100
 107 0.0 84.7 127.1#
 121 0.0 46.6 69.8#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.005 ng
 RT: 10.17 min Scan# 1255
 Delta R.T. -0.04 min
 Lab File: BM011381.D
 Acq: 31 Aug 2017 20:44

Tgt Ion: 93 Resp: 258
 Ion Ratio Lower Upper
 93 100
 95 0.0 25.5 38.3#
 123 0.0 8.6 13.0#





#31

Naphthalene

Concen: 0.009 ng

RT: 10.86 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

Instrument :

BNA_M

ClientSampled :

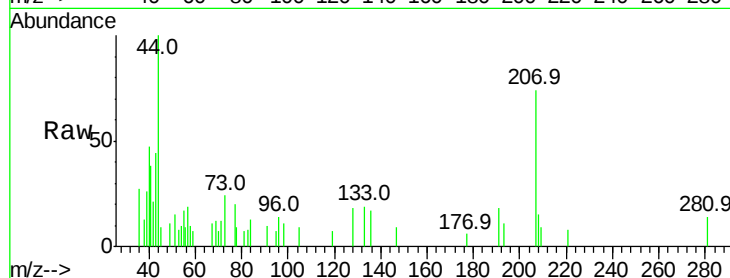
Tot Ion:128 Resp: 1170

Ion Ratio Lower Upper

128 100

129 0.0 8.9 13.3#

127 0.0 10.4 15.6#

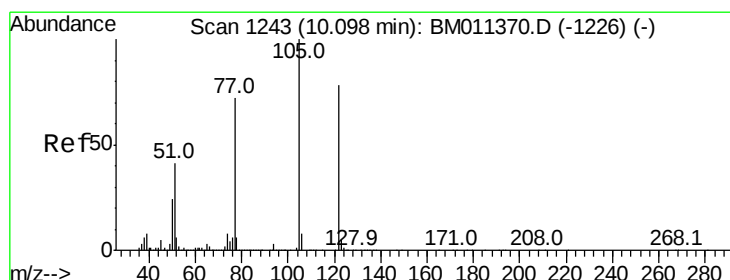
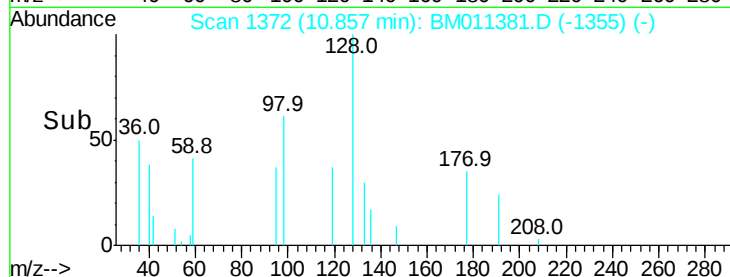
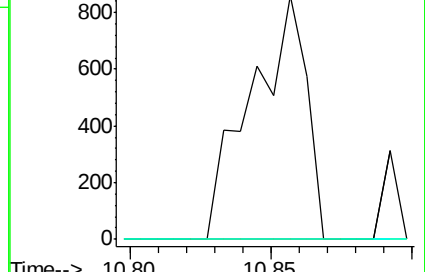


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time-->



#32

Benzoic acid

Concen: 6.544 ng

RT: 10.08 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

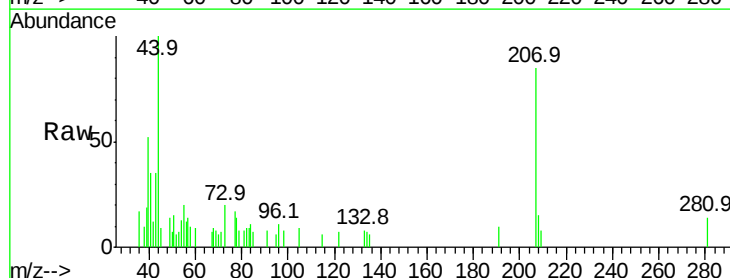
Tgt Ion:122 Resp: 129

Ion Ratio Lower Upper

122 100

105 127.9 99.9 139.9

77 231.7 73.7 113.7#

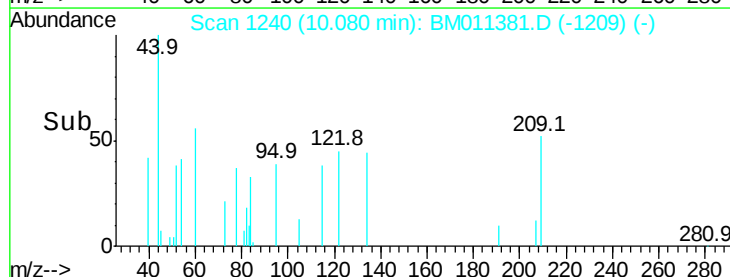
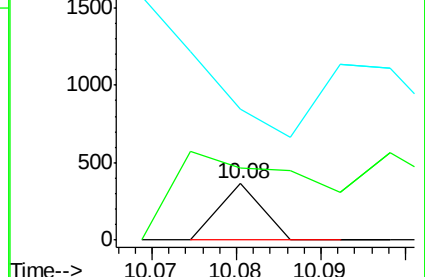


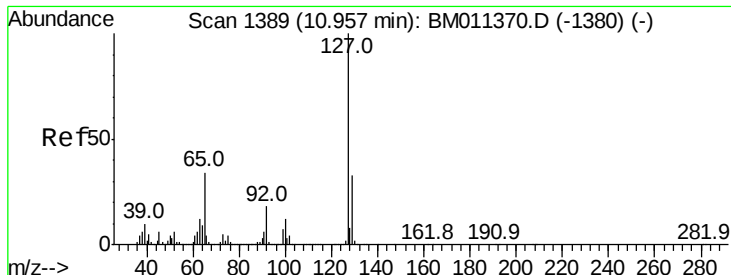
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Time-->

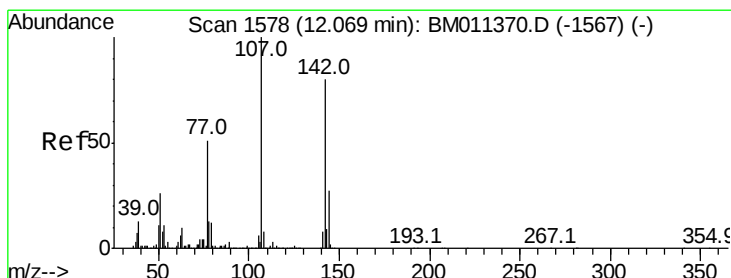
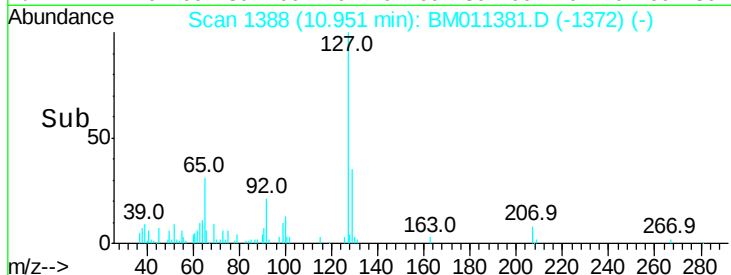
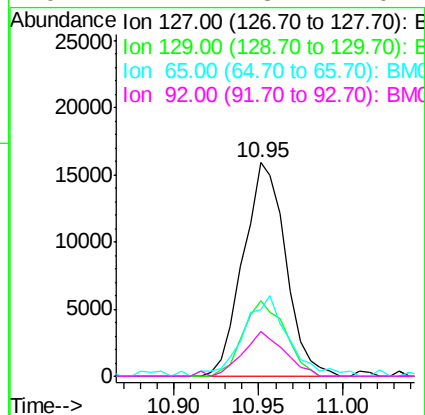
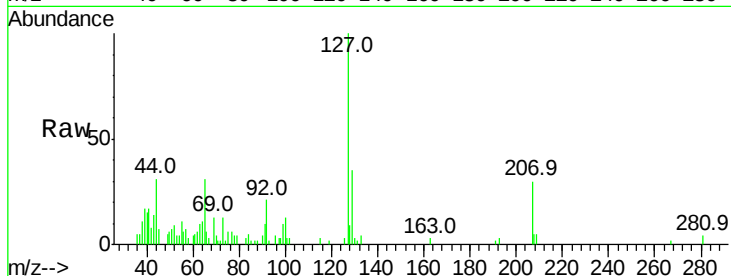




#33
4-Chloroaniline
Concen: 0.489 ng
RT: 10.95 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

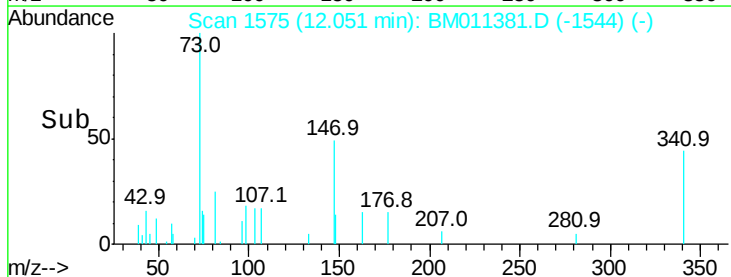
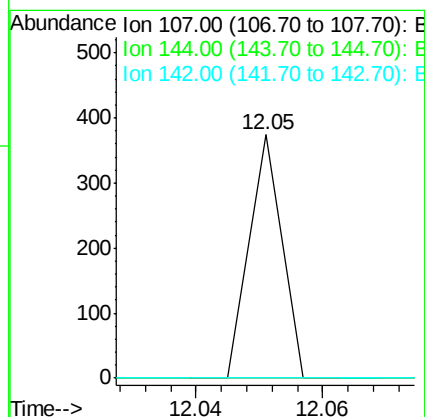
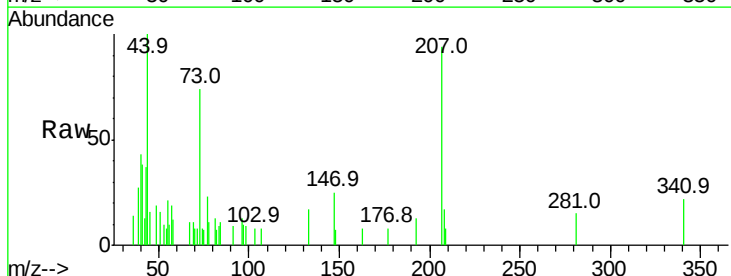
Instrument :
BNA_M
ClientSampled :

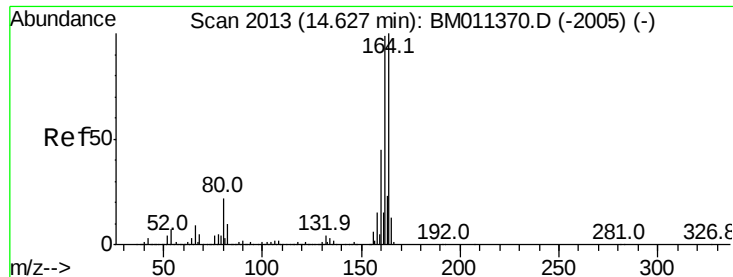
Tot Ion:	127	Resp:	27843
Ion	Ratio	Lower	Upper
127	100		
129	35.2	25.3	37.9
65	30.9	17.6	26.4#
92	21.2	13.1	19.7#



#36
4-Chloro-3-methylphenol
Concen: 0.003 ng
RT: 12.05 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

Tgt Ion:	107	Resp:	132
Ion	Ratio	Lower	Upper
107	100		
144	0.0	23.3	34.9#
142	0.0	72.6	109.0#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

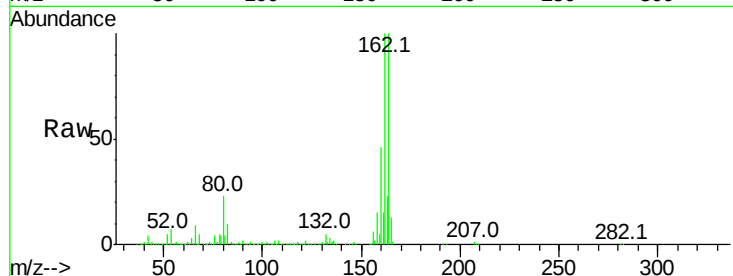
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 1361673

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.4	123.6
160	45.6	35.8	53.6

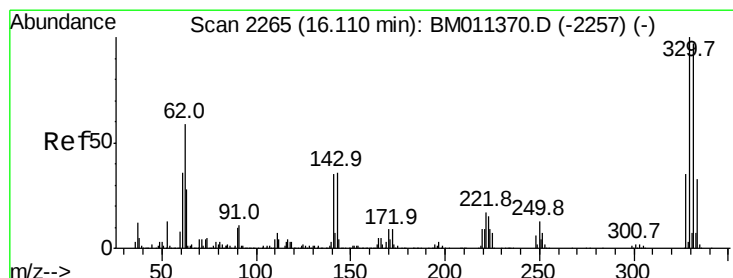
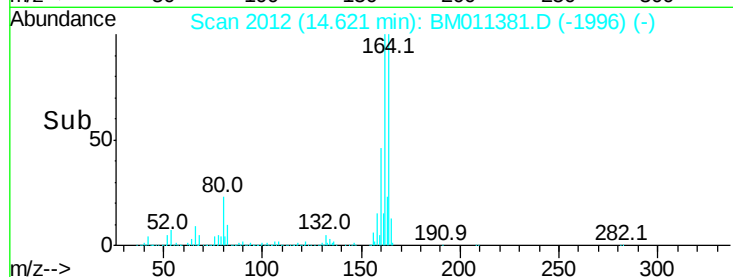
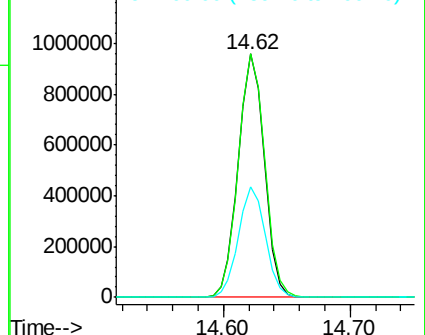


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 141.444 ng

RT: 16.10 min Scan# 2264

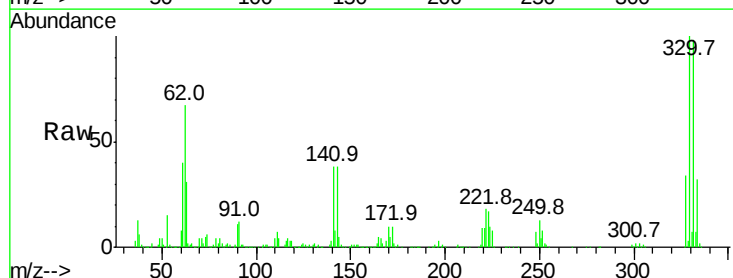
Delta R.T. -0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

Tgt Ion:330 Resp: 2228306

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	37.4	0.0	0.0#

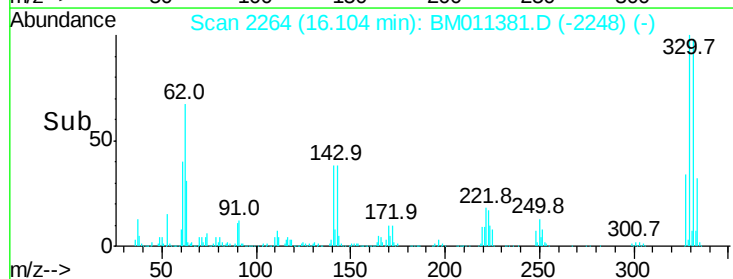
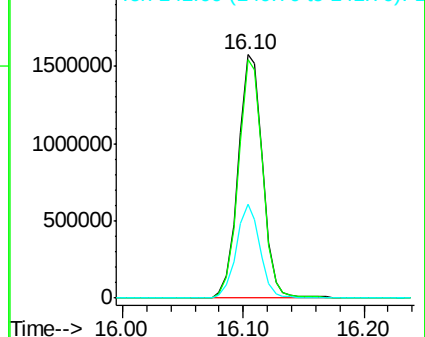


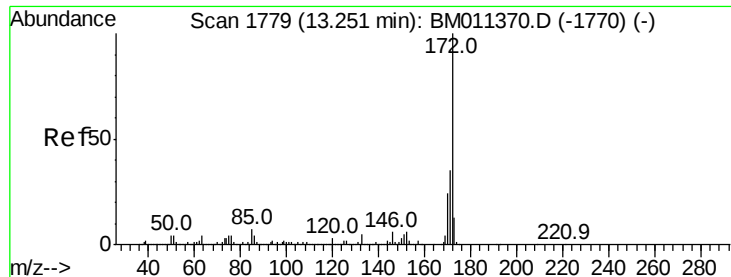
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



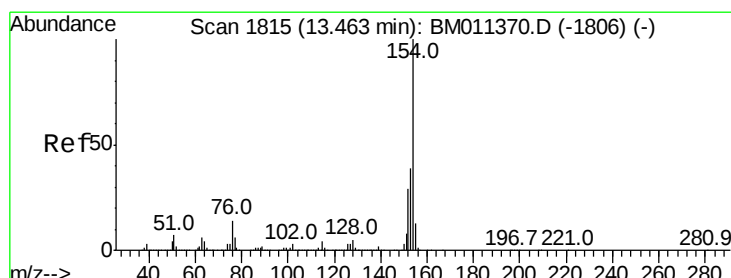
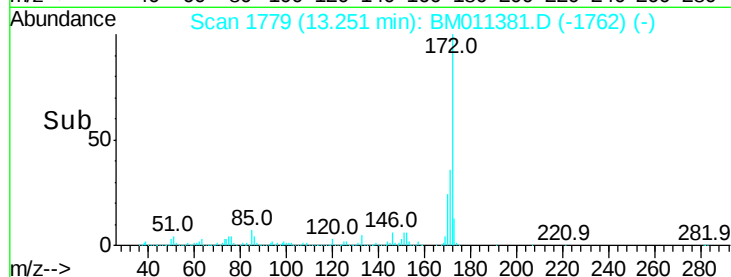
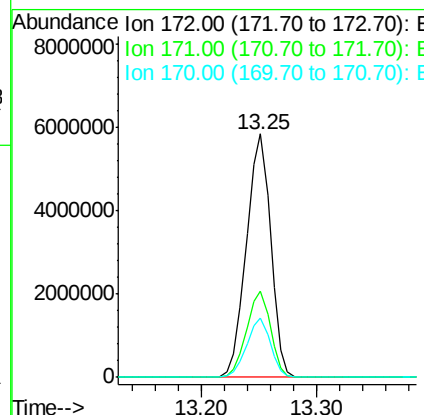
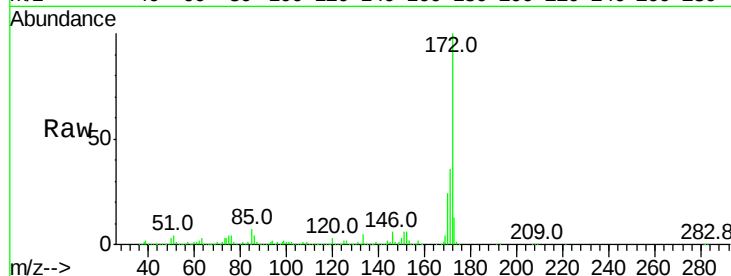


#44
 2-Fluorobiphenyl
 Concen: 90.117 ng
 RT: 13.25 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BM011381.D
 Acq: 31 Aug 2017 20:44

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 8512752

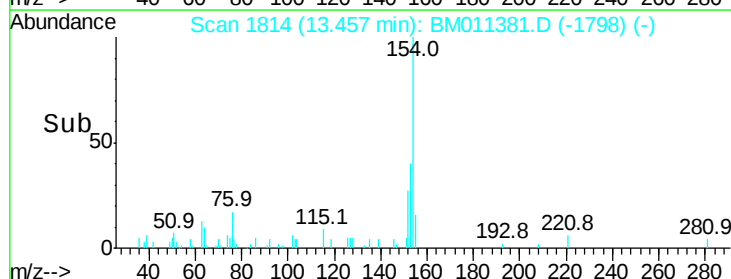
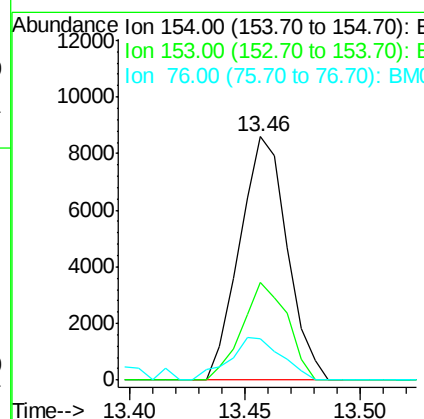
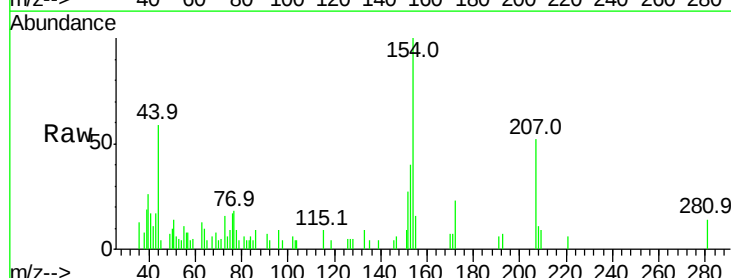
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	24.4	18.8	28.2

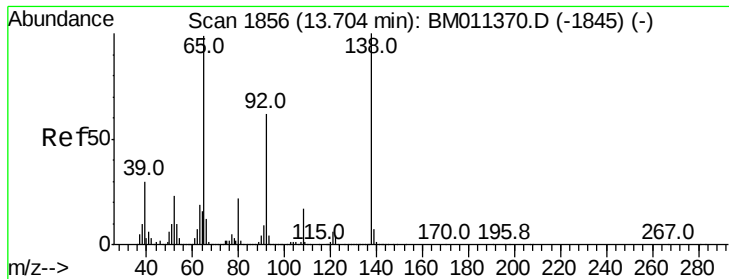


#45
 1,1'-Biphenyl
 Concen: 0.102 ng
 RT: 13.46 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BM011381.D
 Acq: 31 Aug 2017 20:44

Tgt Ion:154 Resp: 12323

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.7	60.7
76	17.2	0.0	30.9

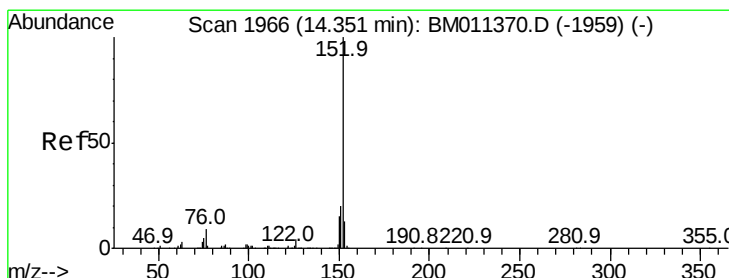
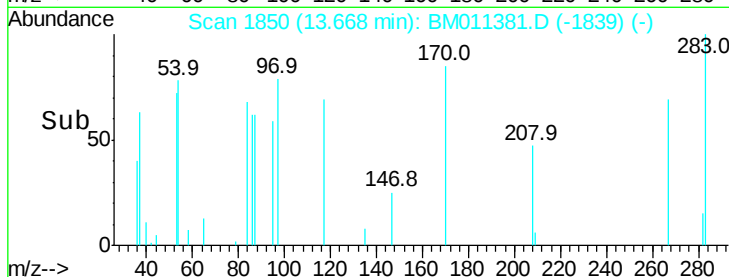
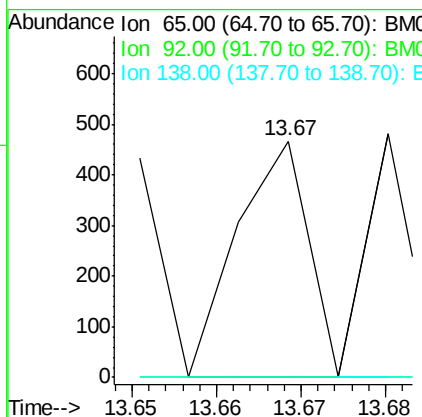
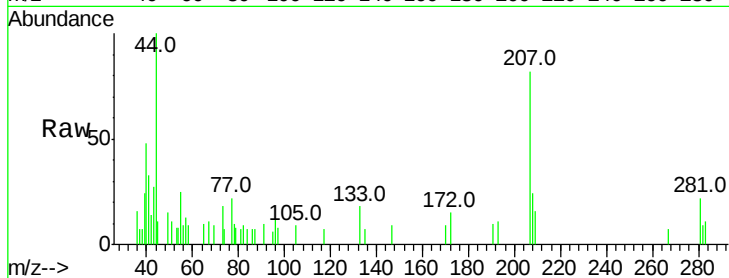




#47
2-Nitroaniline
Concen: 5.446 ng
RT: 13.67 min Scan# 1850
Delta R.T. -0.03 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

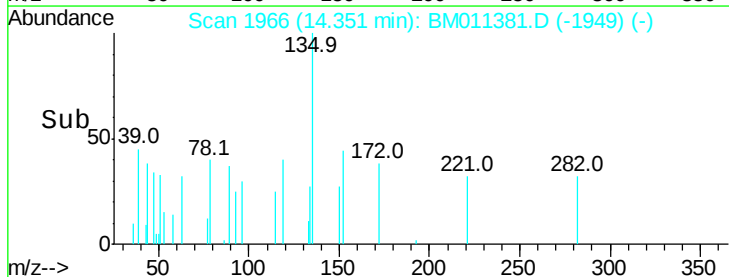
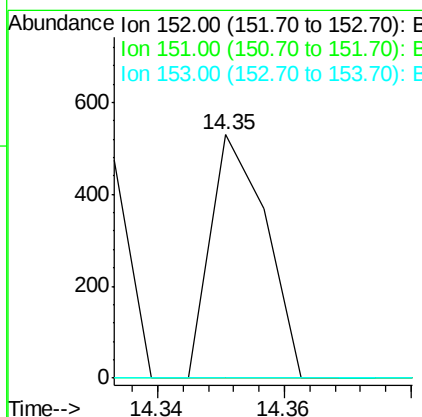
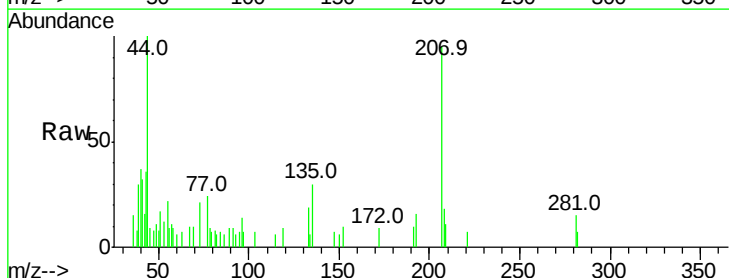
Instrument :
BNA_M
ClientSampleId :

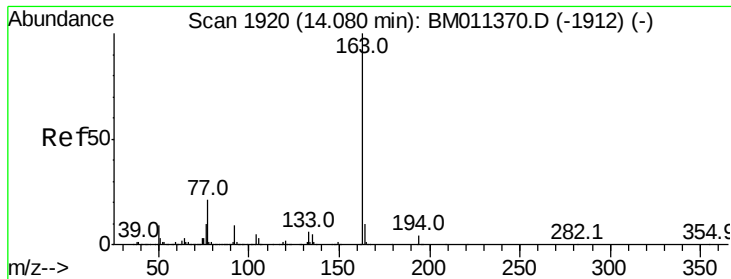
Tot Ion	Ratio	Lower	Upper
65	100		
92	0.0	59.1	88.7#
138	0.0	93.9	140.9#



#48
Acenaphthylene
Concen: 0.002 ng
RT: 14.35 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.9	23.9#
153	0.0	10.6	16.0#





#49

Dimethylphthalate

Concen: 0.014 ng

RT: 14.07 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

Instrument :

BNA_M

ClientSampleId :

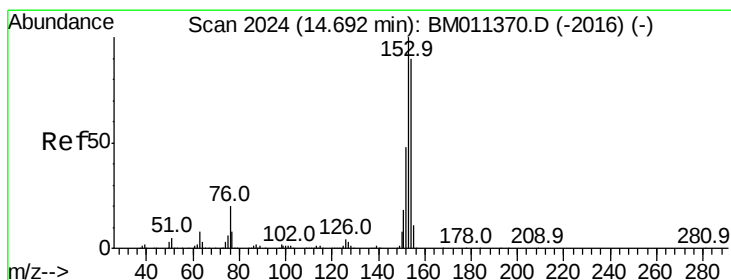
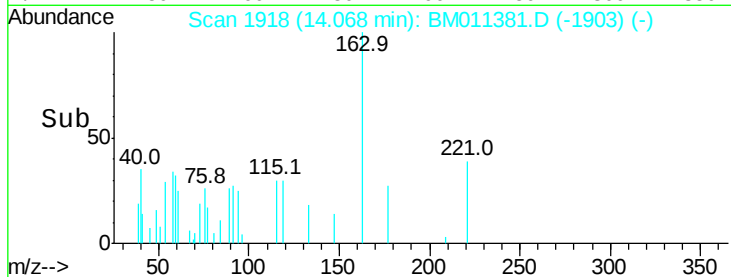
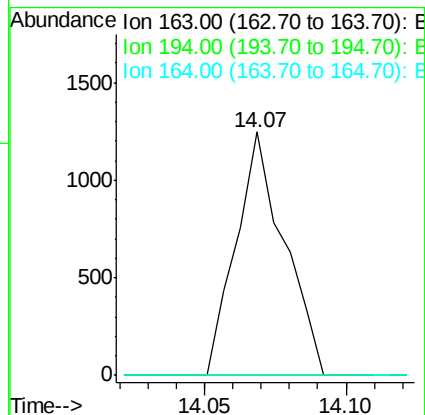
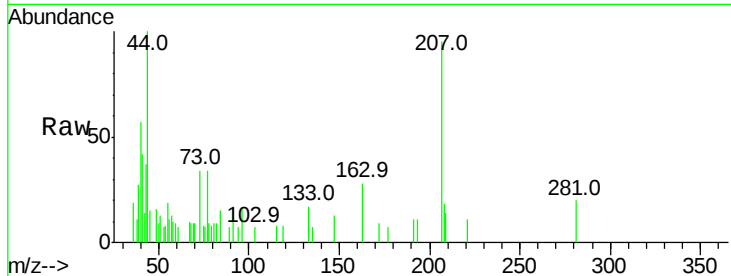
Tot Ion:163 Resp: 1473

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

164 0.0 8.2 12.2#



#51

Acenaphthene

Concen: 0.056 ng

RT: 14.63 min Scan# 2013

Delta R.T. -0.06 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

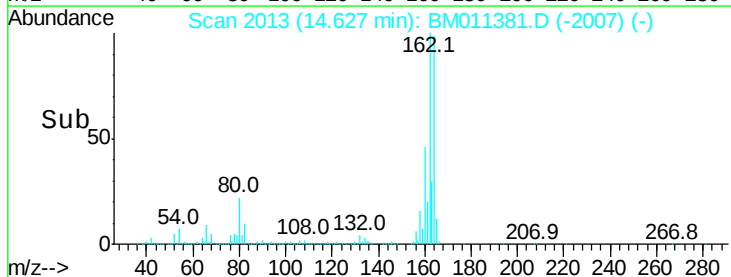
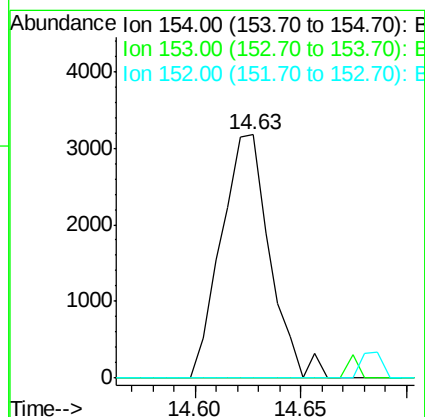
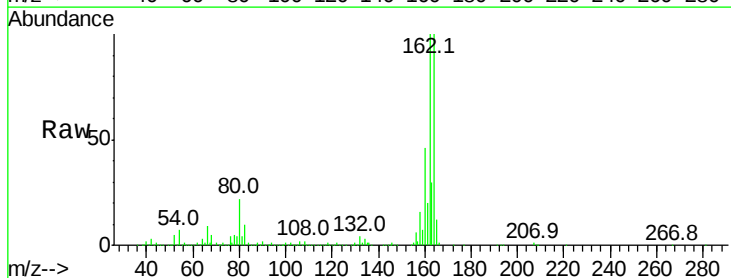
Tgt Ion:154 Resp: 5058

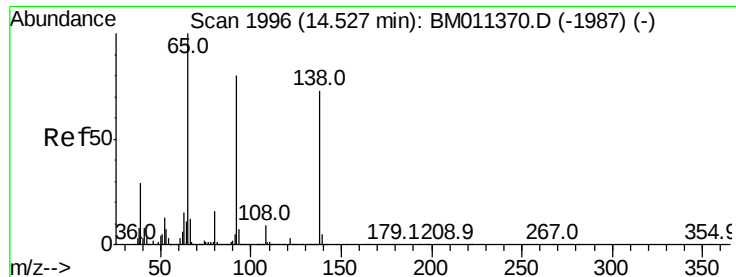
Ion Ratio Lower Upper

154 100

153 0.0 90.0 135.0#

152 0.0 42.6 63.8#





#52

3-Nitroaniline

Concen: 0.080 ng

RT: 14.52 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

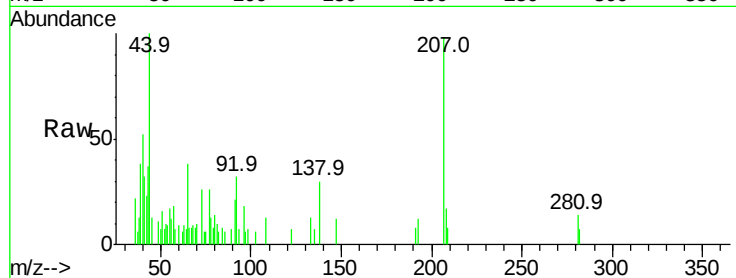
Instrument :

BNA_M

ClientSampled :

Tot Ion:138 Resp: 2134

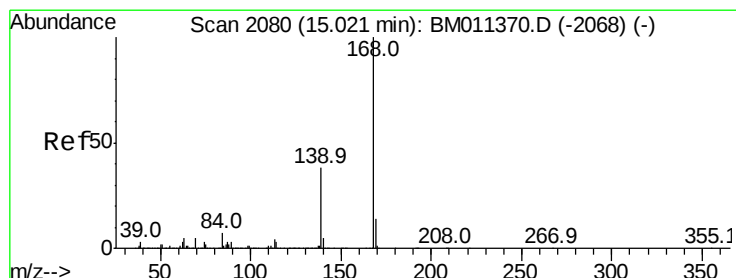
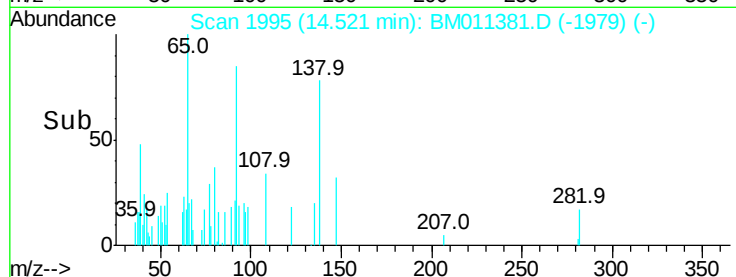
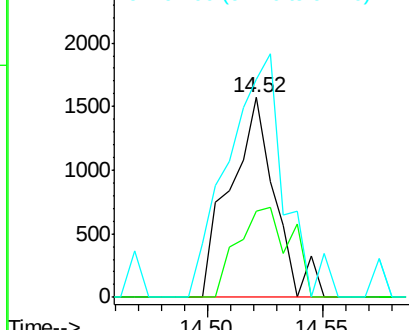
Ion	Ratio	Lower	Upper
138	100		
108	43.2	7.3	10.9#
92	108.9	76.6	114.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

Dibenzofuran

Concen: 0.003 ng

RT: 15.01 min Scan# 2078

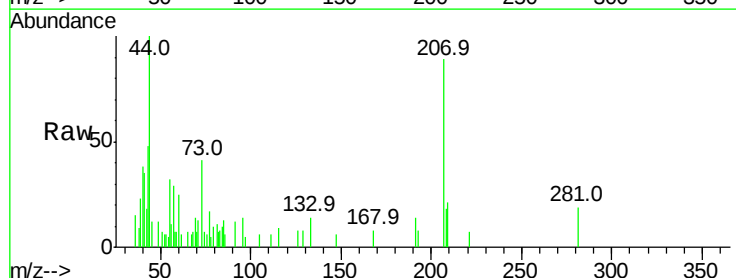
Delta R.T. -0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

Tgt Ion:168 Resp: 377

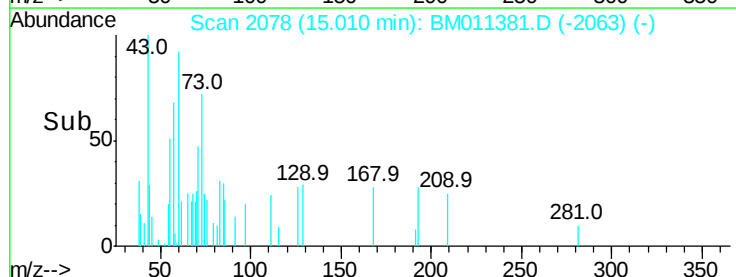
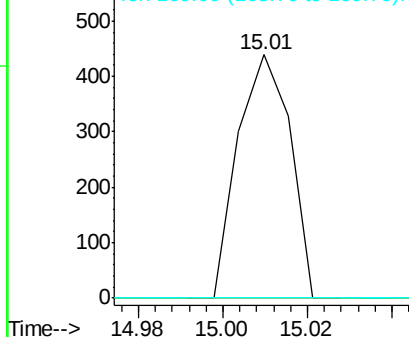
Ion	Ratio	Lower	Upper
168	100		
139	0.0	27.3	40.9#
169	0.0	10.6	16.0#

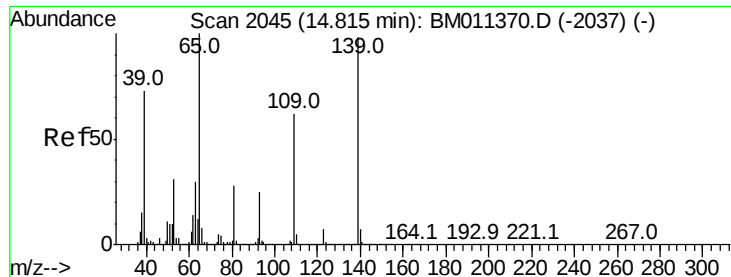


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

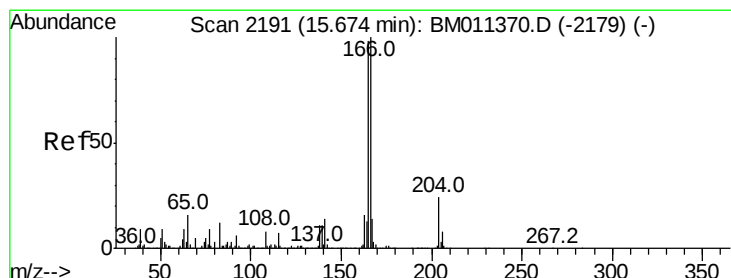
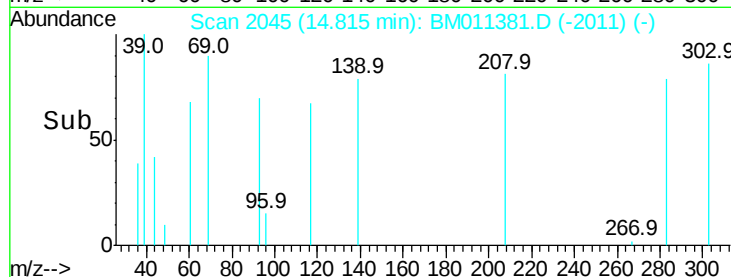
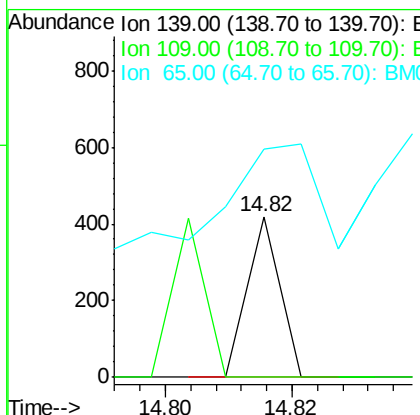
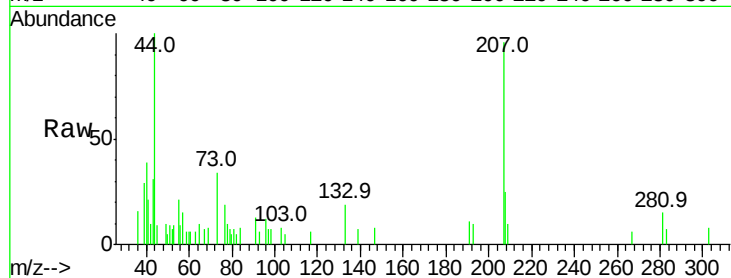




#55
4-Nitrophenol
Concen: 0.007 ng
RT: 14.82 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

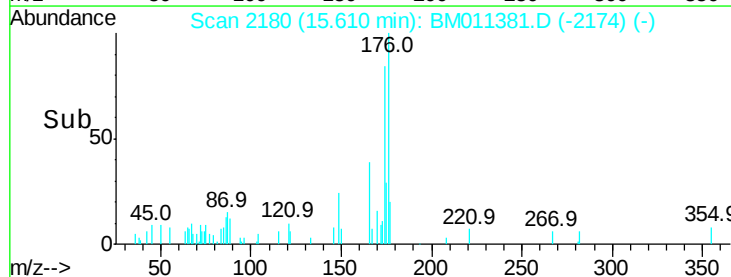
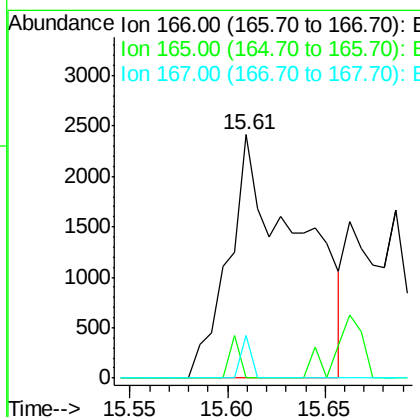
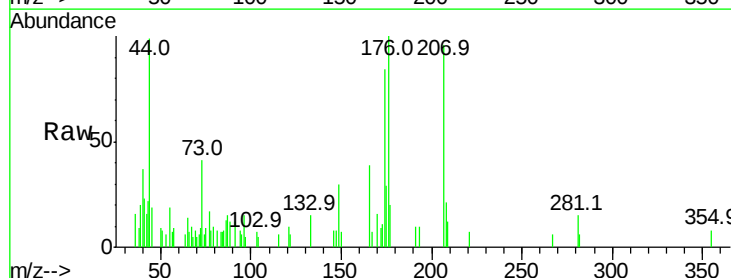
Instrument :
BNA_M
ClientSampled :

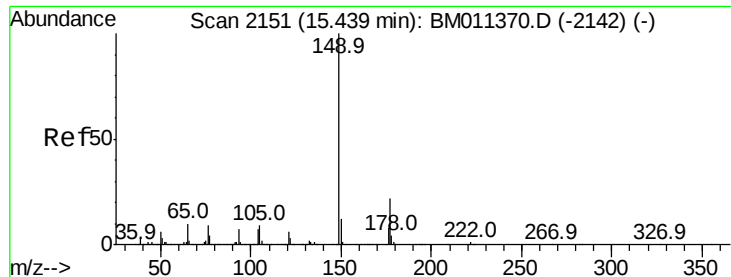
Tot Ion:139 Resp: 148
Ion Ratio Lower Upper
139 100
109 0.0 130.0 170.0#
65 141.8 130.0 170.0



#57
Fluorene
Concen: 0.055 ng
RT: 15.61 min Scan# 2180
Delta R.T. -0.06 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

Tgt Ion:166 Resp: 5998
Ion Ratio Lower Upper
166 100
165 0.0 79.0 118.4#
167 17.5 10.3 15.5#





#59

Diethylphthalate

Concen: 0.092 ng

RT: 15.43 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

Instrument :

BNA_M

ClientSampleId :

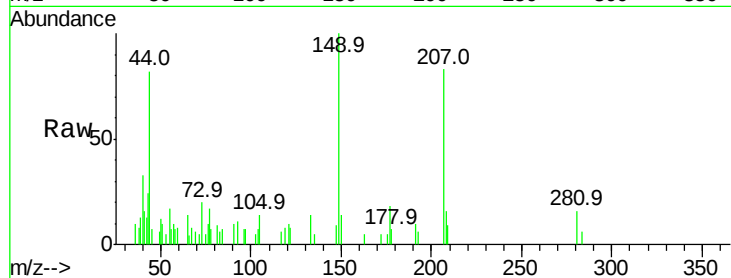
Tot Ion:149 Resp: 10285

Ion Ratio Lower Upper

149 100

177 18.0 18.3 27.5#

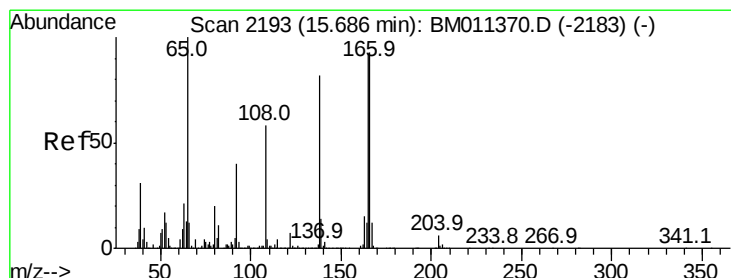
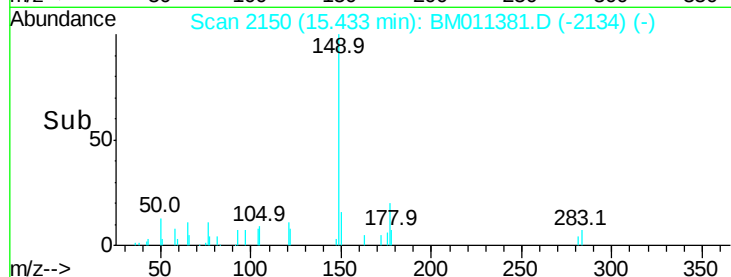
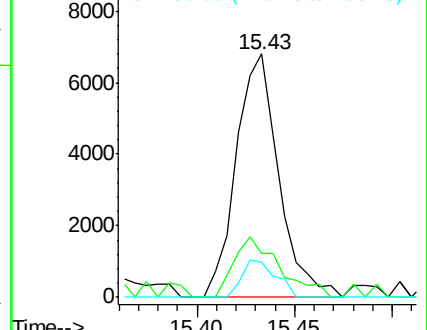
150 14.3 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Nitroaniline

Concen: 0.026 ng

RT: 15.68 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

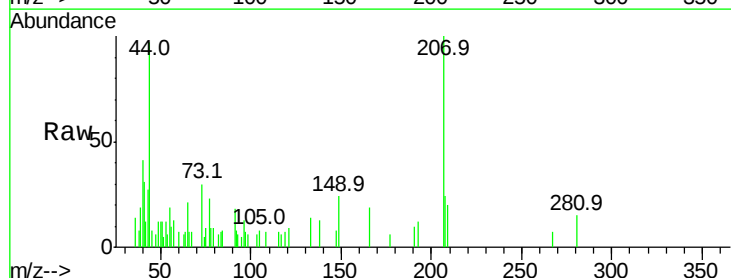
Tgt Ion:138 Resp: 715

Ion Ratio Lower Upper

138 100

92 62.1 16.7 56.7#

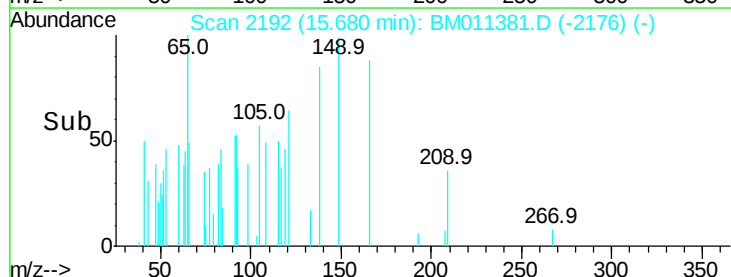
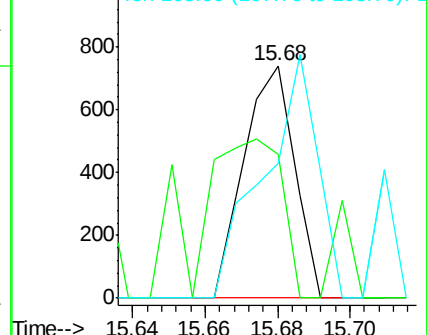
108 58.0 37.6 77.6

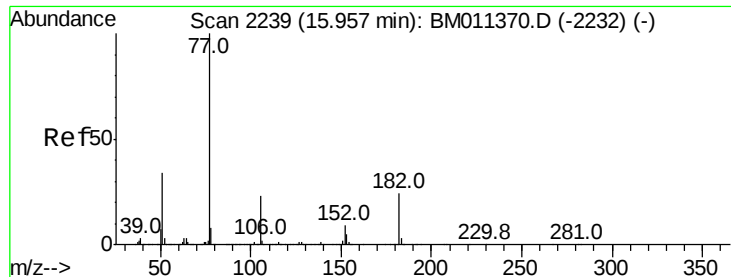


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E

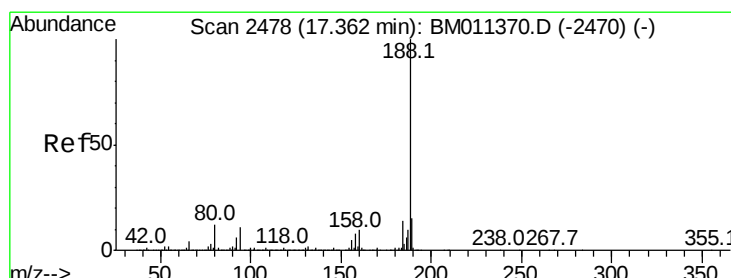
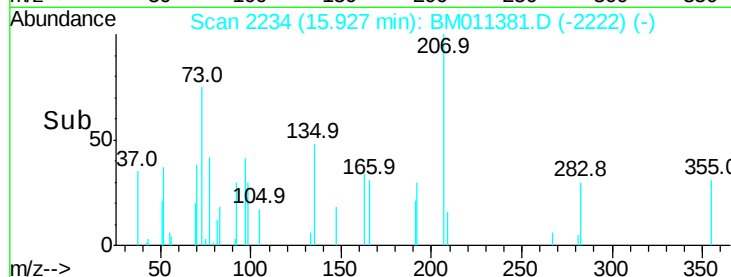
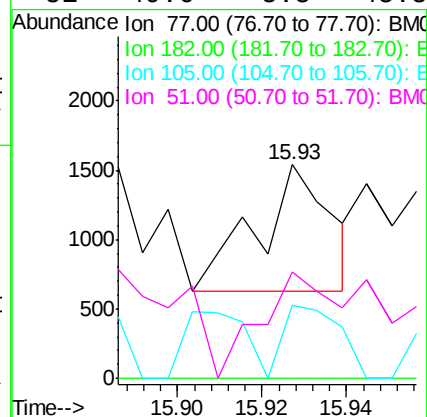
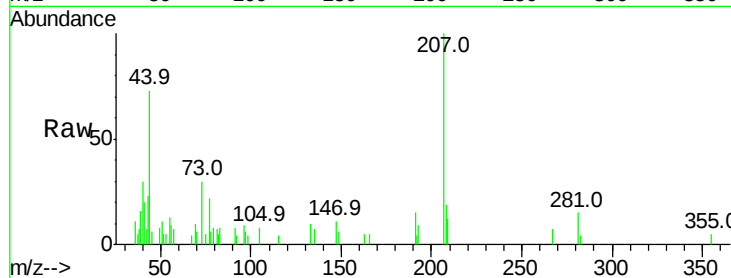




#62
Azobenzene
Concen: 0.011 ng
RT: 15.93 min Scan# 2234
Delta R.T. -0.03 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

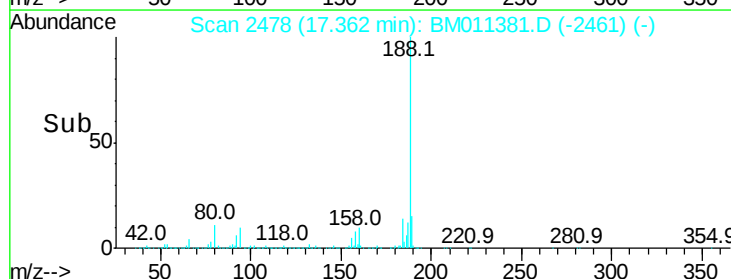
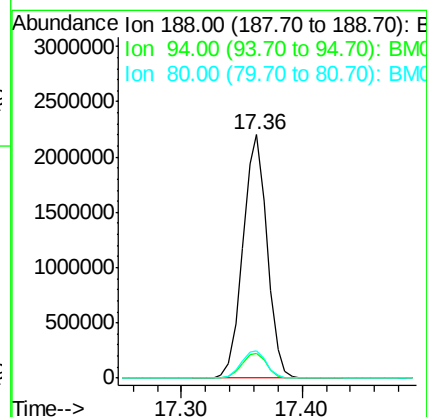
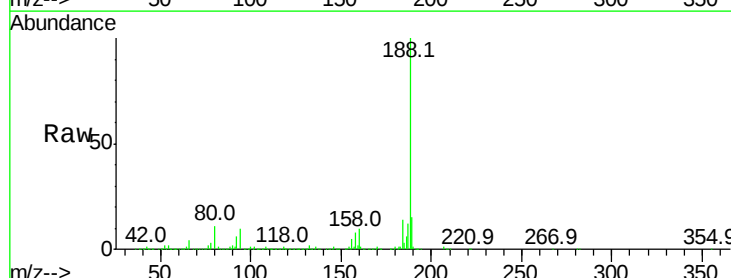
Instrument :
BNA_M
ClientSampleId :

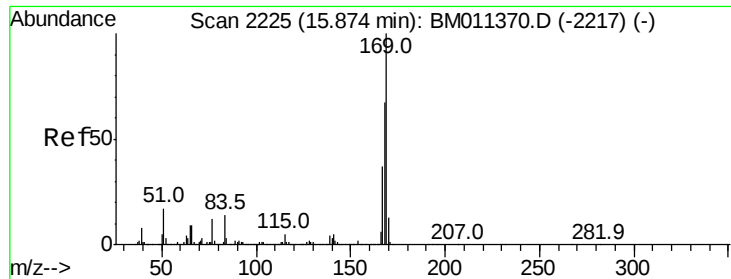
Tot Ion: 77 Resp: 1102
Ion Ratio Lower Upper
77 100
182 0.0 6.5 46.5#
105 34.5 3.8 43.8
51 49.6 5.5 45.5#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

Tgt Ion: 188 Resp: 3077233
Ion Ratio Lower Upper
188 100
94 10.1 8.7 13.1
80 11.2 9.3 13.9

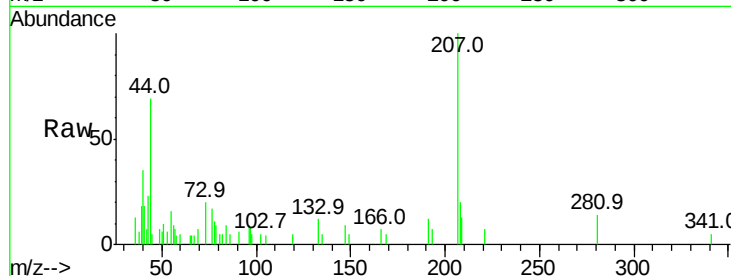




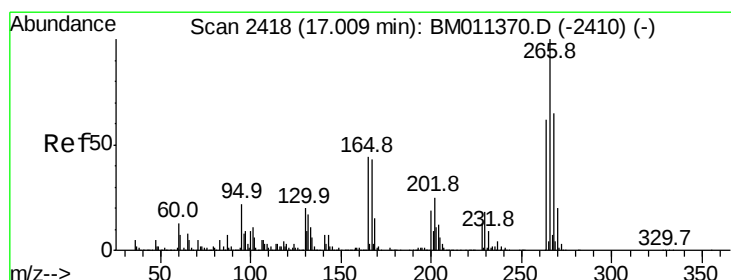
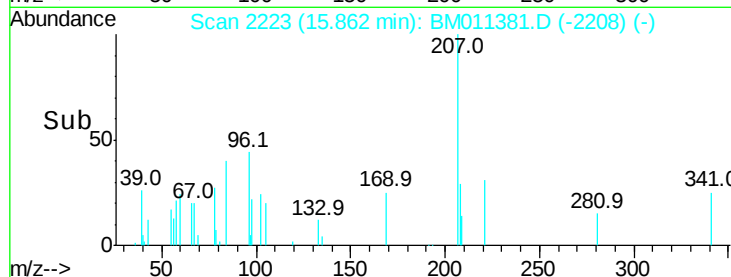
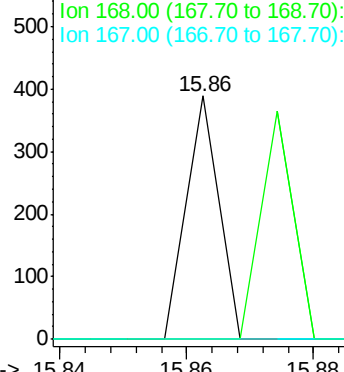
#65
n-Nitrosodiphenylamine
Concen: 0.001 ng
RT: 15.86 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

Instrument :
BNA_M
ClientSampled :

Tot Ion:169 Resp: 137
Ion Ratio Lower Upper
169 100
168 0.0 53.9 80.9#
167 0.0 28.9 43.3#

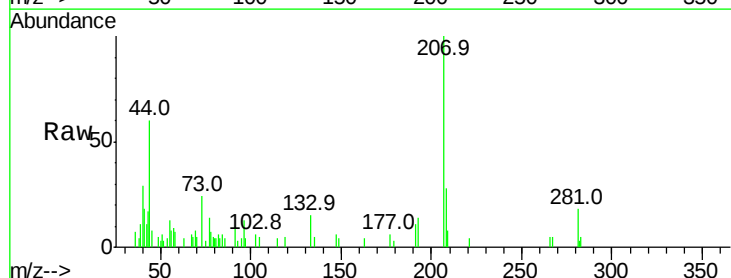


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

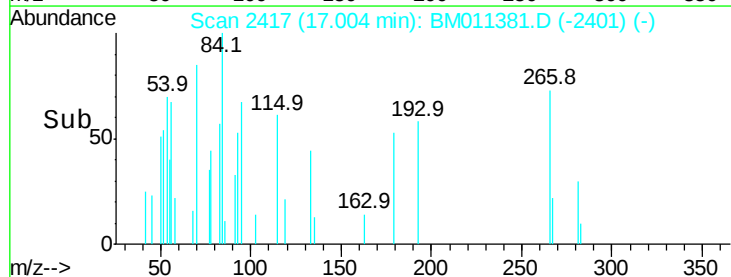
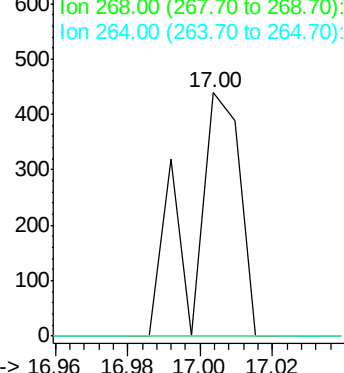


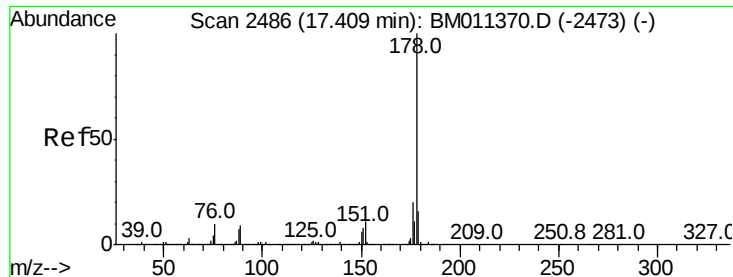
#69
Pentachlorophenol
Concen: 0.019 ng
RT: 17.00 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

Tgt Ion:266 Resp: 405
Ion Ratio Lower Upper
266 100
268 0.0 52.0 78.0#
264 0.0 49.0 73.4#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 0.013 ng

RT: 17.40 min Scan# 2485

Delta R.T. -0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

Instrument :

BNA_M

ClientSampleId :

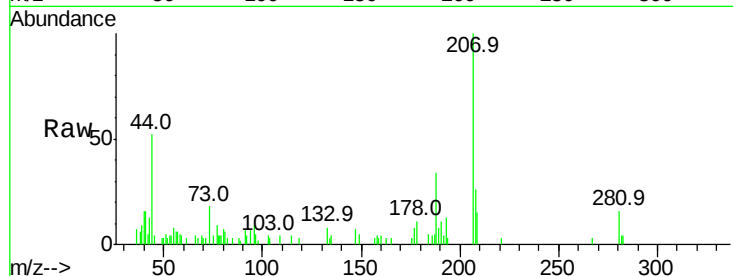
Tot Ion:178 Resp: 2261

Ion Ratio Lower Upper

178 100

176 24.6 15.2 22.8#

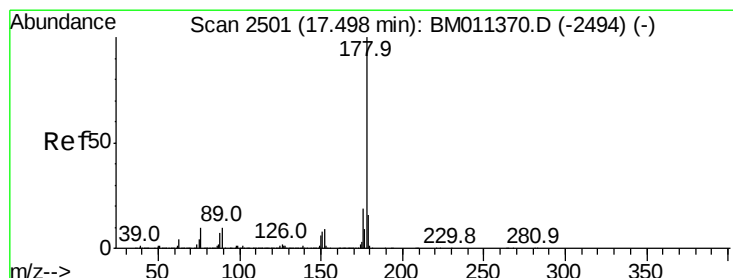
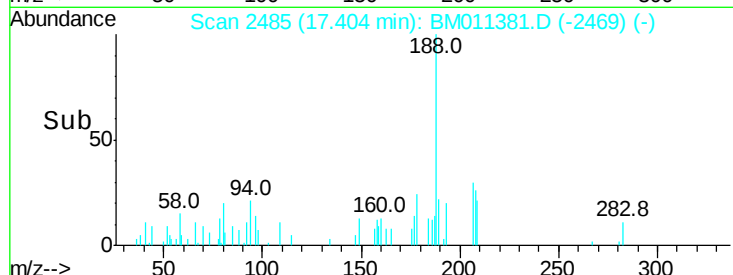
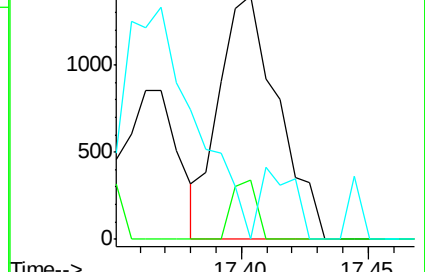
179 0.0 12.1 18.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.003 ng

RT: 17.49 min Scan# 2499

Delta R.T. -0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

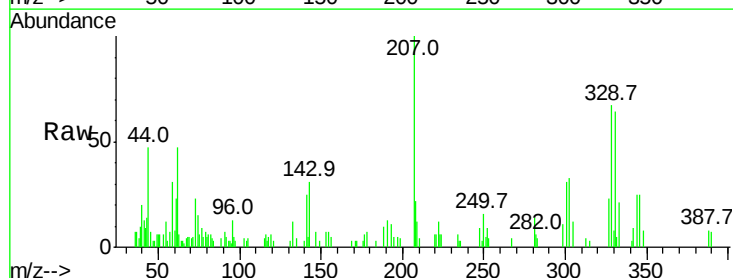
Tgt Ion:178 Resp: 588

Ion Ratio Lower Upper

178 100

176 37.7 14.6 22.0#

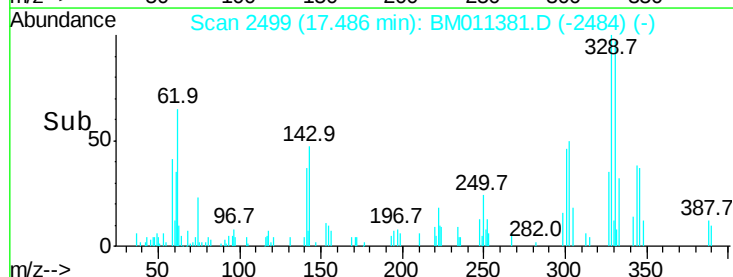
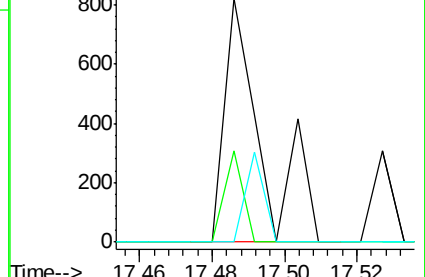
179 0.0 12.6 19.0#

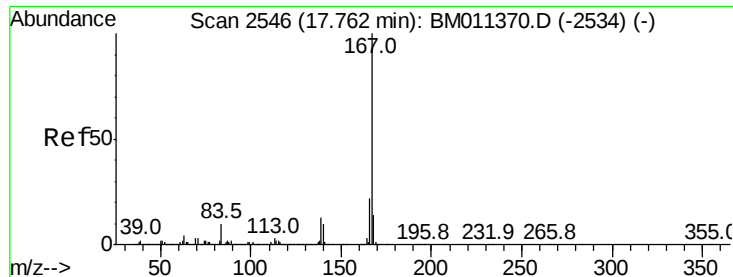


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

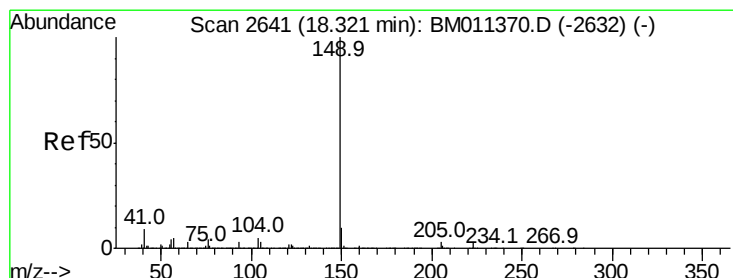
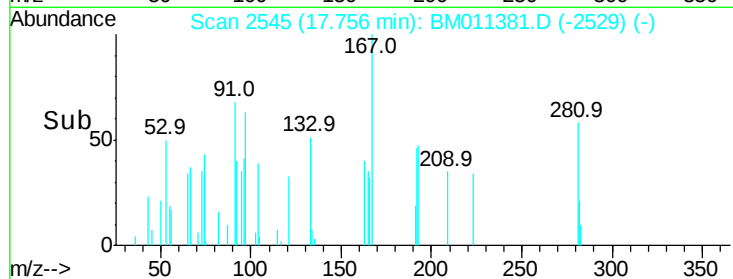
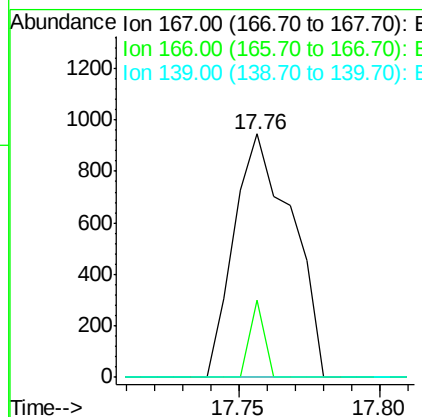
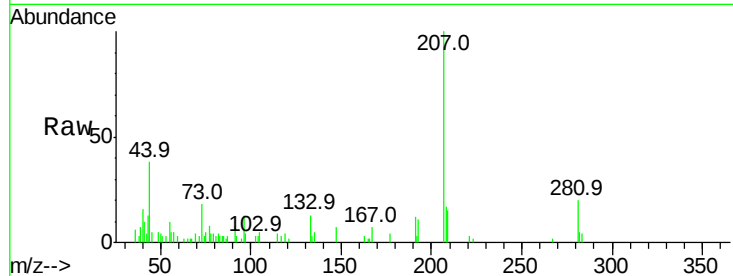




#72
 Carbazole
 Concen: 0.008 ng
 RT: 17.76 min Scan# 2545
 Delta R.T. -0.01 min
 Lab File: BM011381.D
 Acq: 31 Aug 2017 20:44

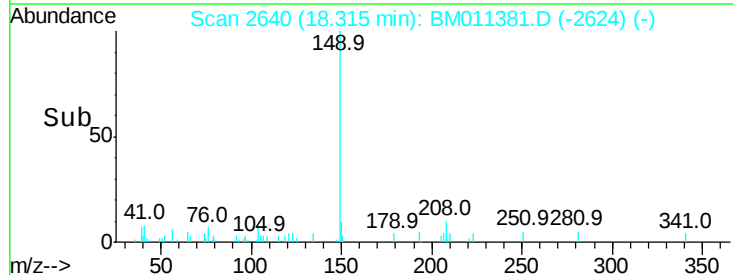
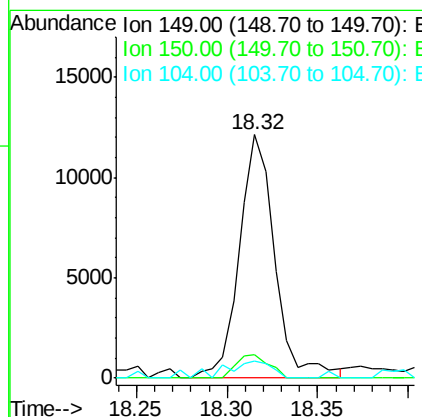
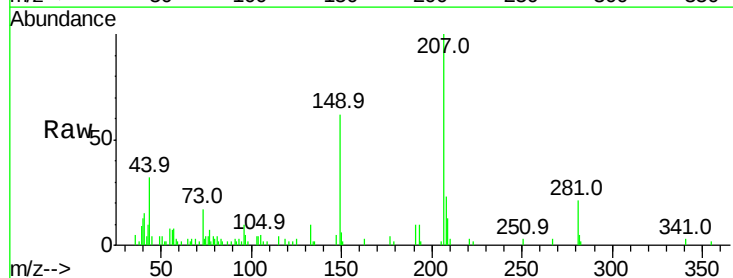
Instrument :
 BNA_M
 ClientSampleId :

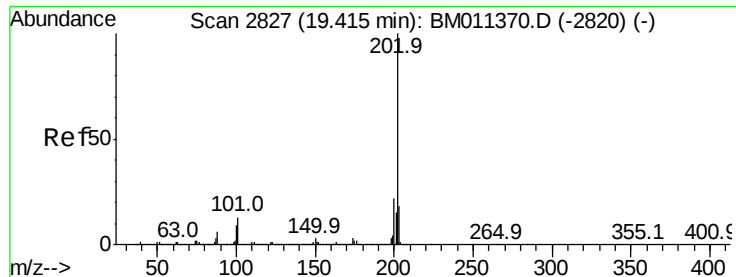
Tot Ion	Ratio	Lower	Upper
167	100		
166	31.8	17.2	25.8#
139	0.0	10.8	16.2#



#73
 Di-n-butylphthalate
 Concen: 0.086 ng
 RT: 18.32 min Scan# 2640
 Delta R.T. -0.01 min
 Lab File: BM011381.D
 Acq: 31 Aug 2017 20:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	7.1	3.7	5.5#





#74

Fluoranthene

Concen: 0.008 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

Instrument :

BNA_M

ClientSampleId :

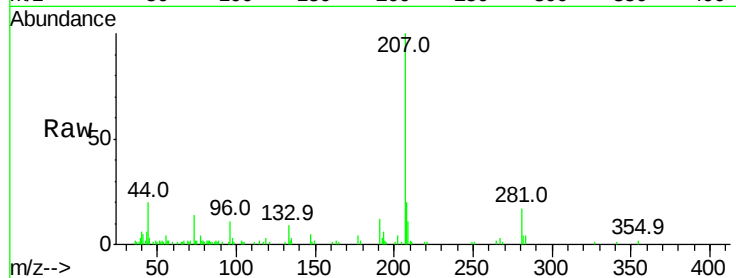
Tot Ion:202 Resp: 1504

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.7

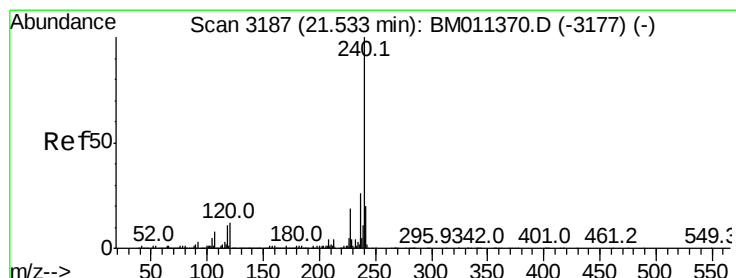
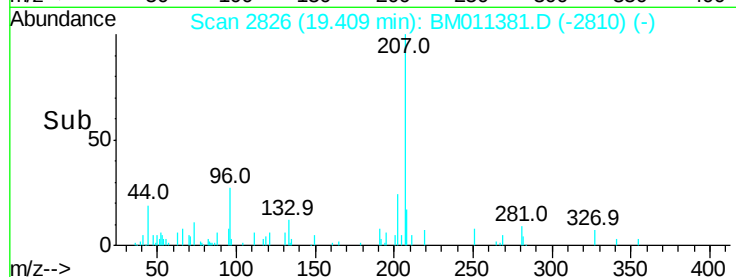
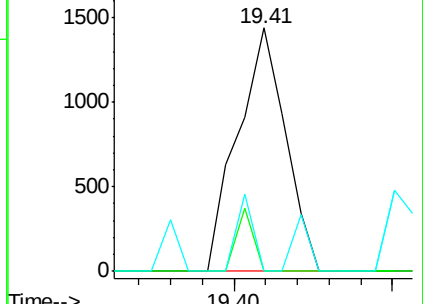
203 0.0 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

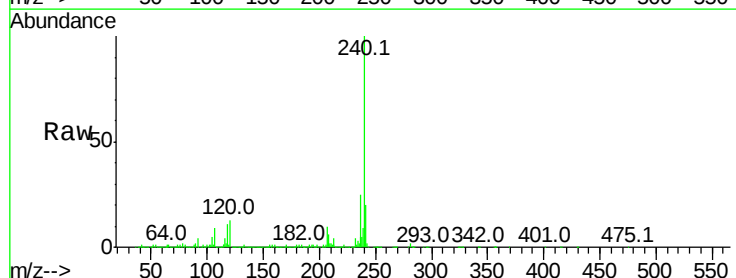
Tgt Ion:240 Resp: 3409320

Ion Ratio Lower Upper

240 100

120 12.9 8.2 12.2#

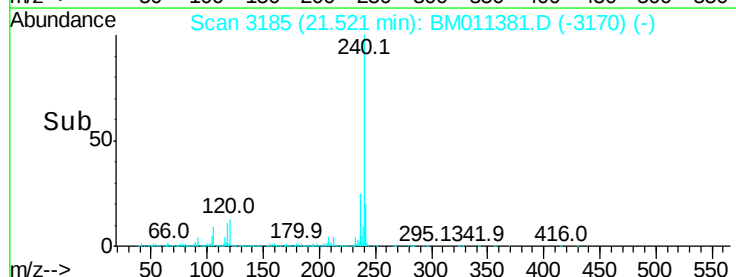
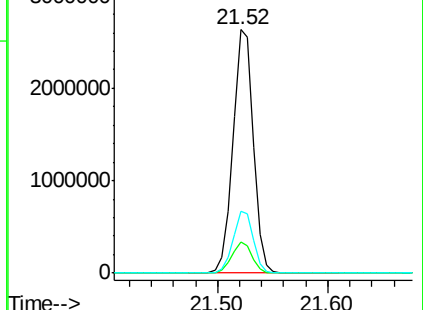
236 25.3 20.0 30.0

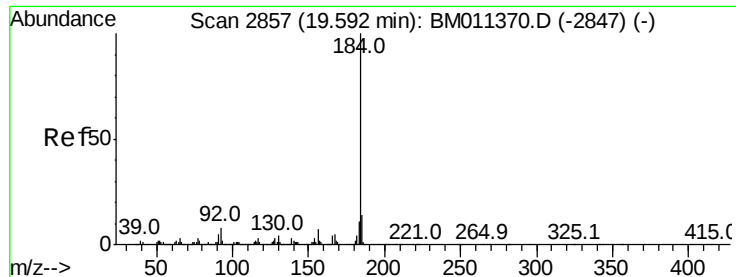


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.290 ng

RT: 19.60 min Scan# 2858

Delta R.T. 0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

Instrument :

BNA_M

ClientSampleId :

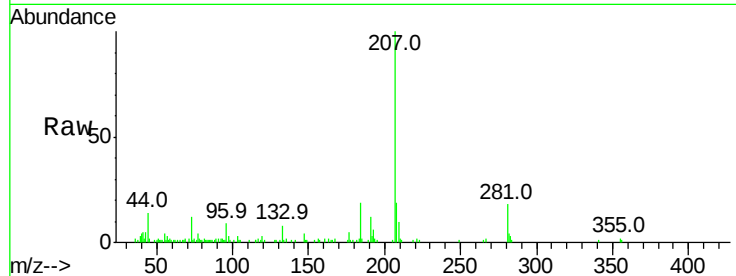
Tot Ion:184 Resp: 19504

Ion Ratio Lower Upper

184 100

185 13.1 11.3 16.9

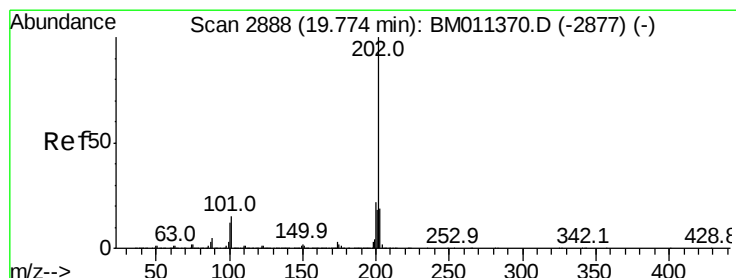
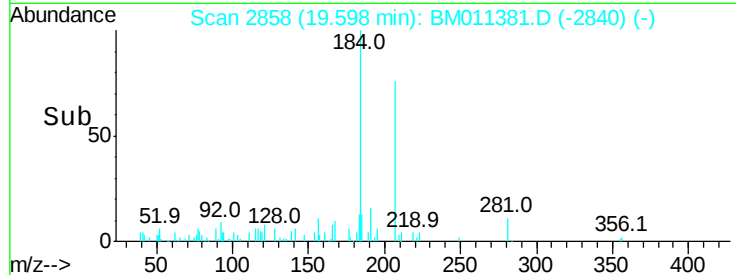
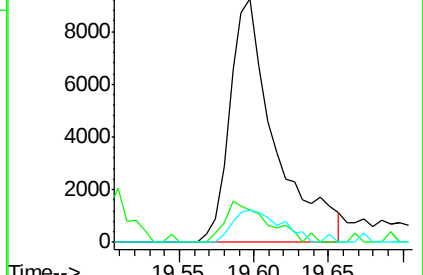
183 13.1 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.008 ng

RT: 19.77 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

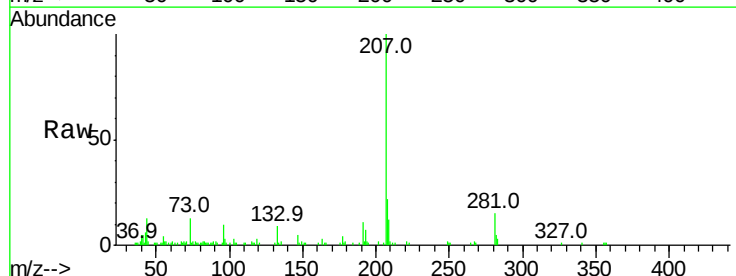
Tgt Ion:202 Resp: 1637

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

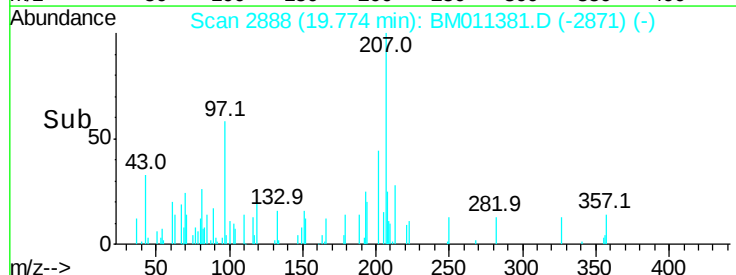
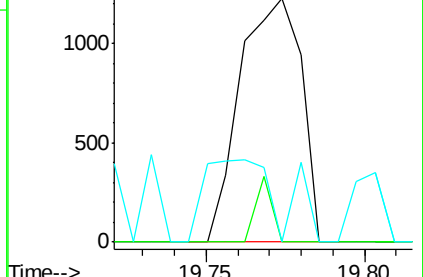
203 0.0 14.1 21.1#

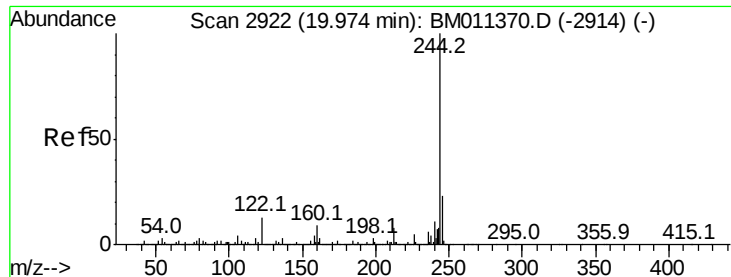


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 84.118 ng

RT: 19.97 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

Instrument :

BNA_M

ClientSampleId :

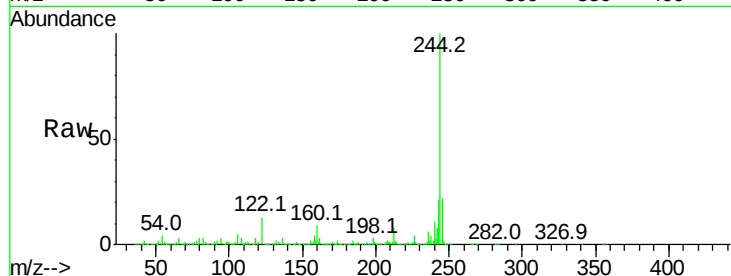
Tot Ion:244 Resp:11558229

Ion Ratio Lower Upper

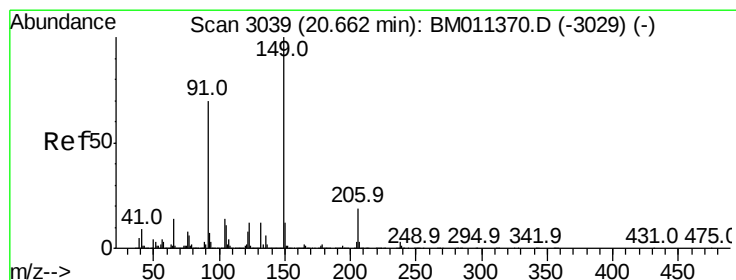
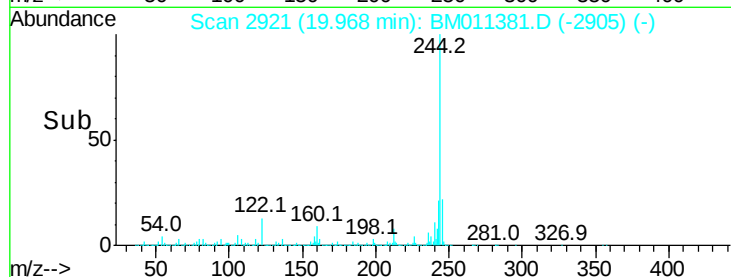
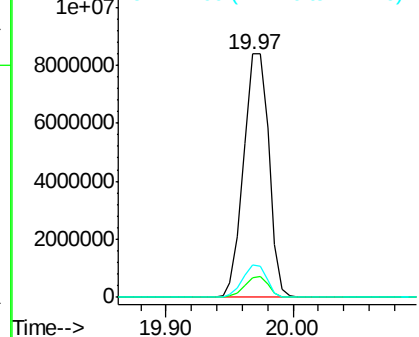
244 100

212 8.0 4.9 7.3#

122 13.1 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.011 ng

RT: 20.66 min Scan# 3039

Delta R.T. 0.00 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

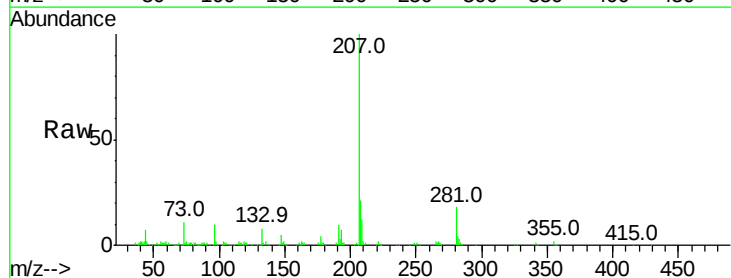
Tgt Ion:149 Resp: 983

Ion Ratio Lower Upper

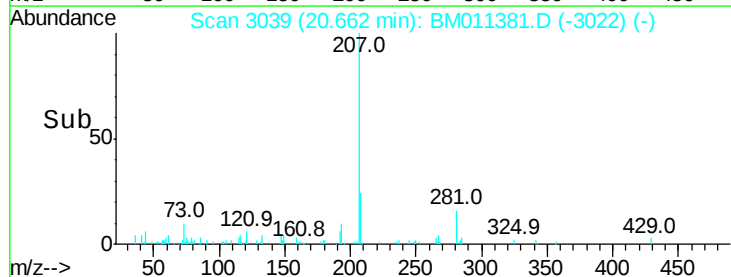
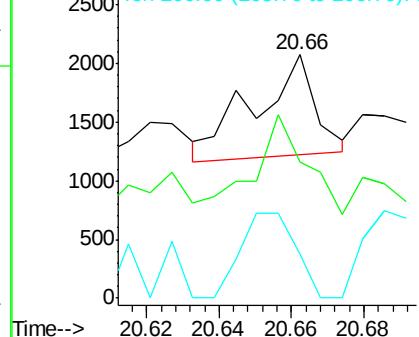
149 100

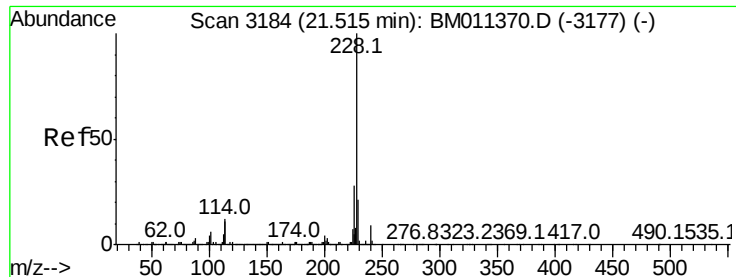
91 55.9 50.1 75.1

206 17.9 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): E
Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.050 ng

RT: 21.52 min Scan# 3185

Delta R.T. 0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

Instrument :

BNA_M

ClientSampleId :

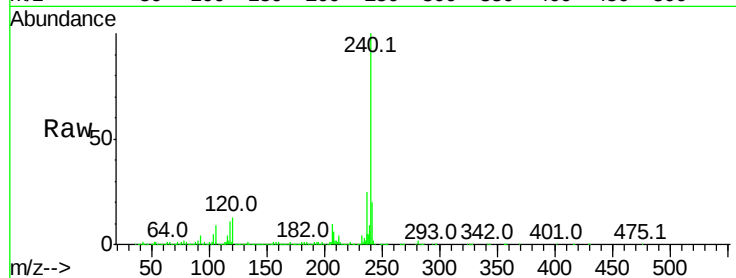
Tot Ion:228 Resp: 9626

Ion Ratio Lower Upper

228 100

226 9.7 21.7 32.5#

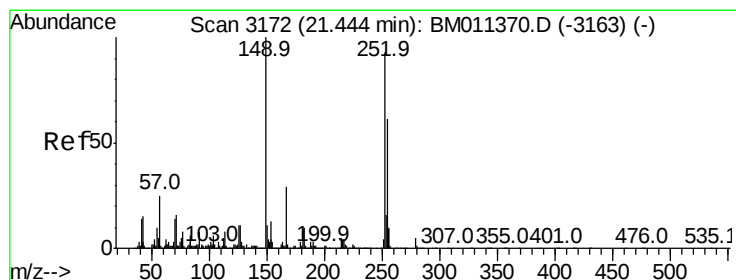
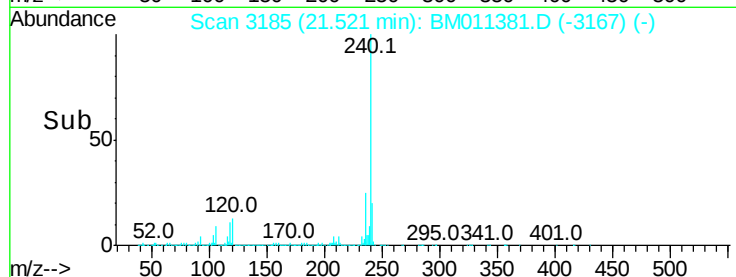
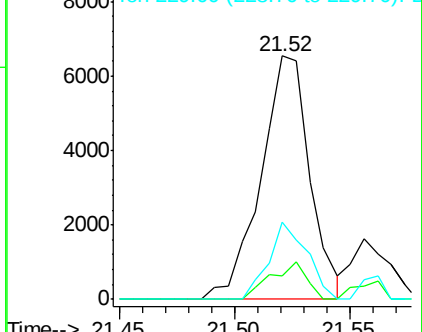
229 31.6 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.162 ng

RT: 21.44 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

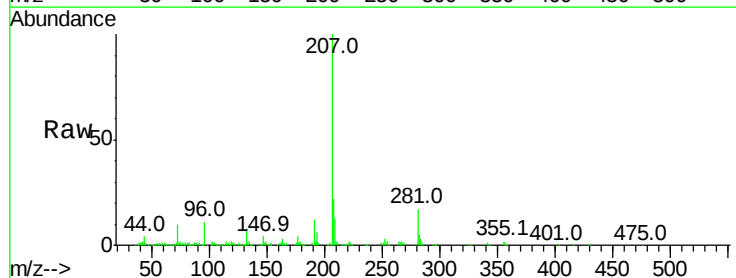
Tgt Ion:252 Resp: 11696

Ion Ratio Lower Upper

252 100

254 65.3 51.9 77.9

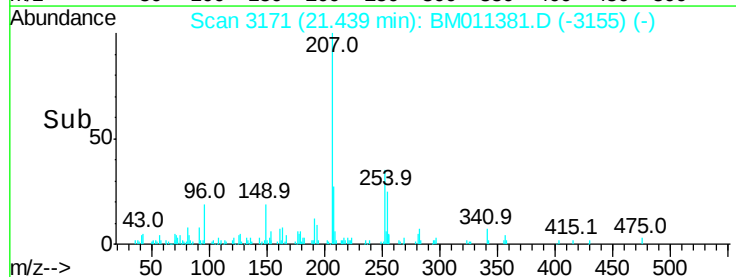
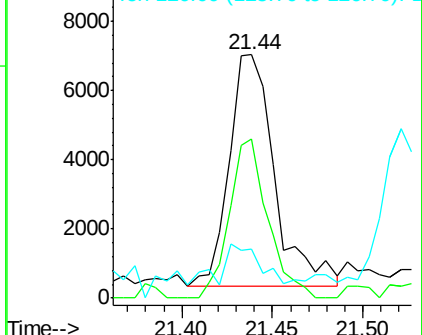
126 20.0 9.8 14.8#

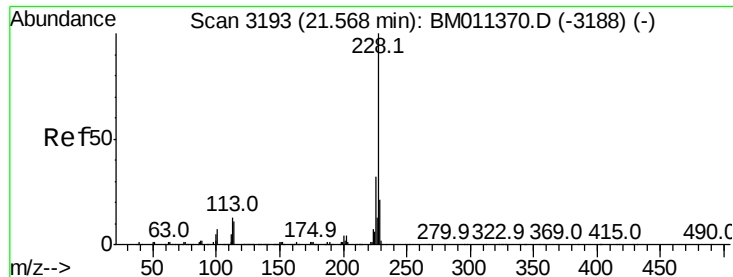


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.010 ng

RT: 21.56 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

Instrument :

BNA_M

ClientSampleId :

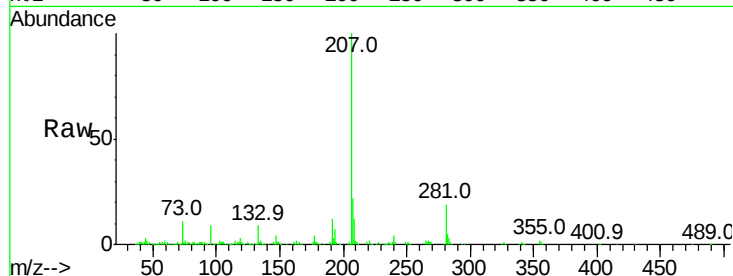
Tot Ion:228 Resp: 1802

Ion Ratio Lower Upper

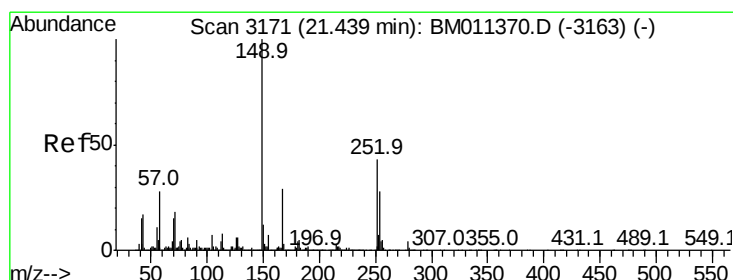
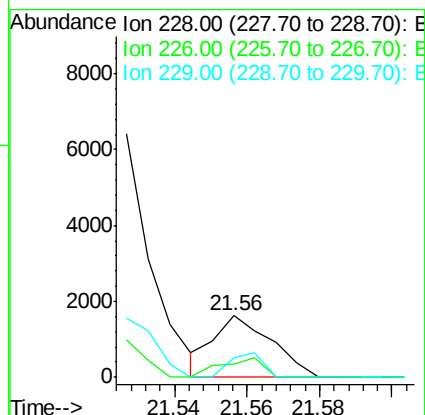
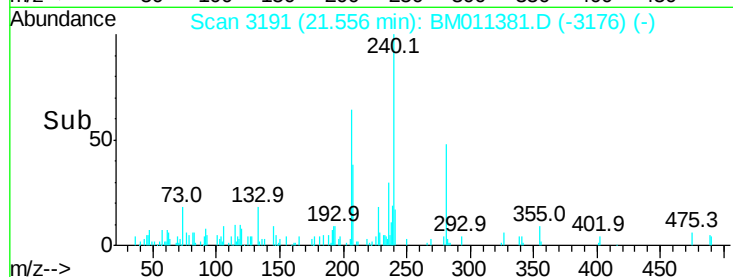
228 100

226 22.2 24.1 36.1#

229 31.8 15.5 23.3#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.078 ng

RT: 21.43 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

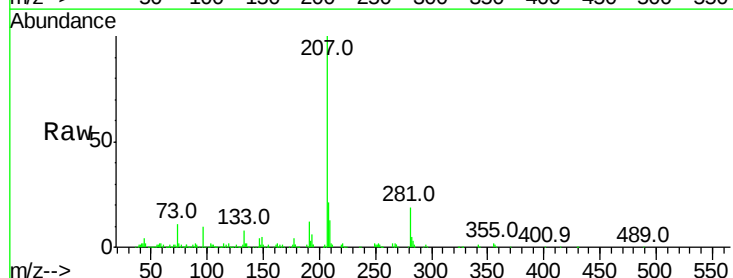
Tgt Ion:149 Resp: 10522

Ion Ratio Lower Upper

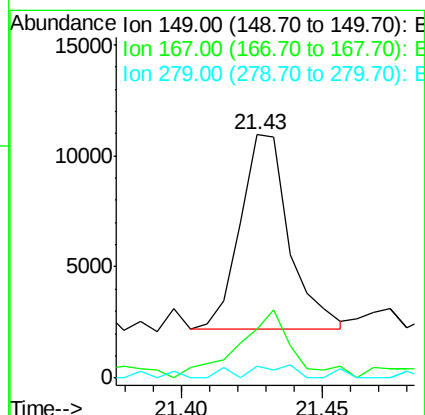
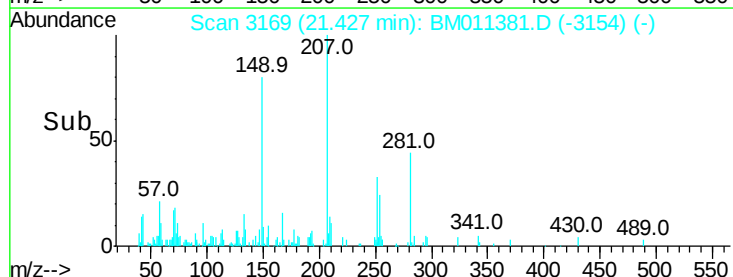
149 100

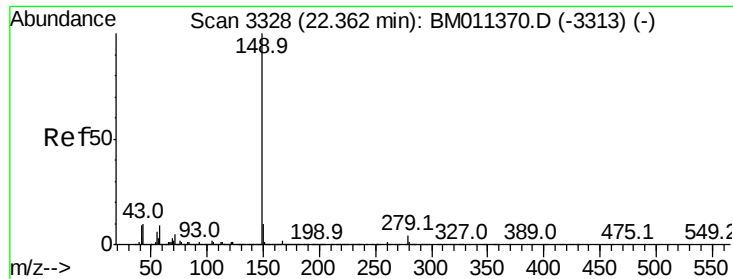
167 20.1 22.4 33.6#

279 5.1 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

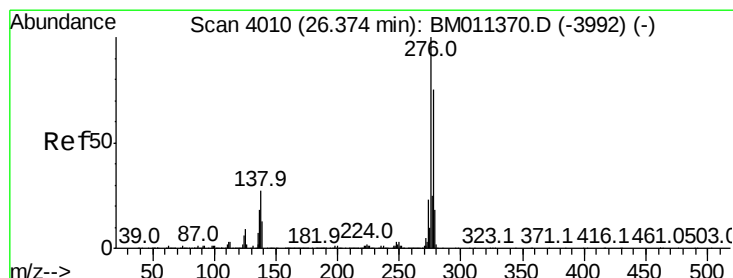
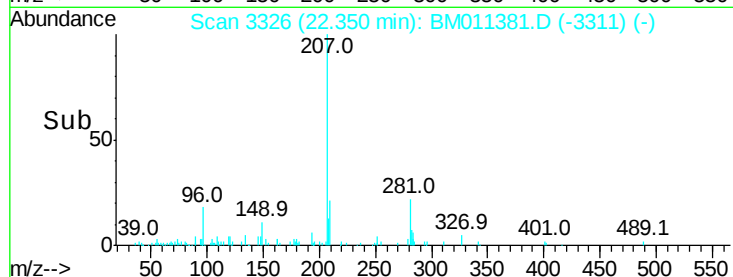
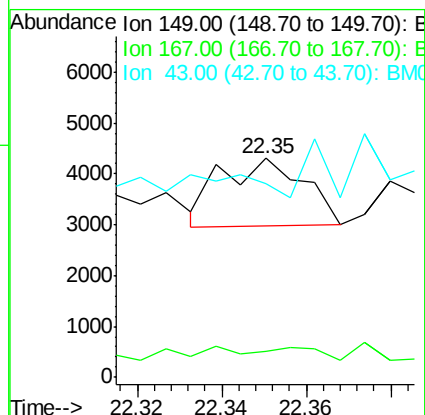
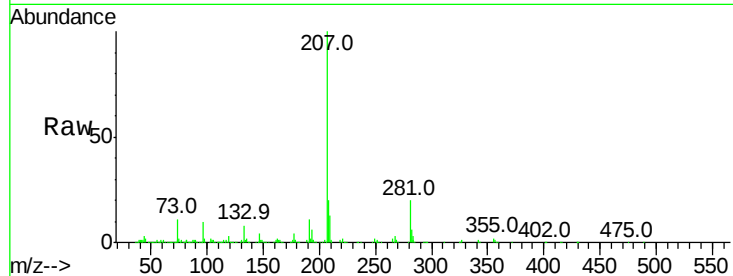




#84
Di-n-octyl phthalate
Concen: 0.008 ng
RT: 22.35 min Scan# 3326
Delta R.T. -0.01 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

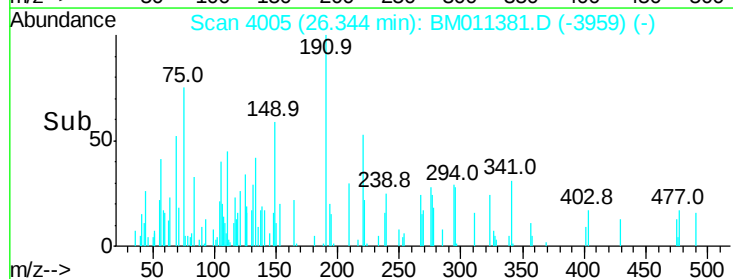
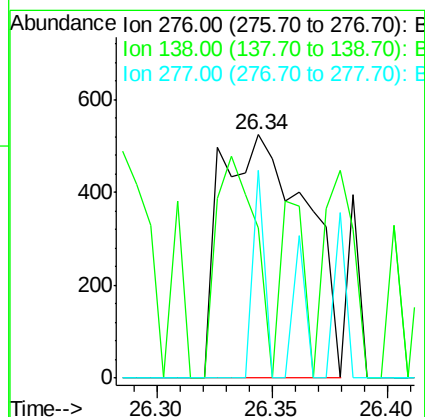
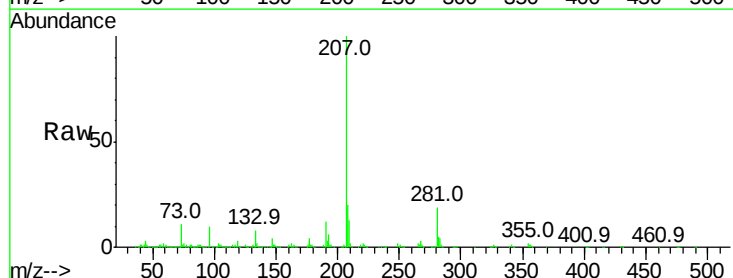
Instrument :
BNA_M
ClientSampleId :

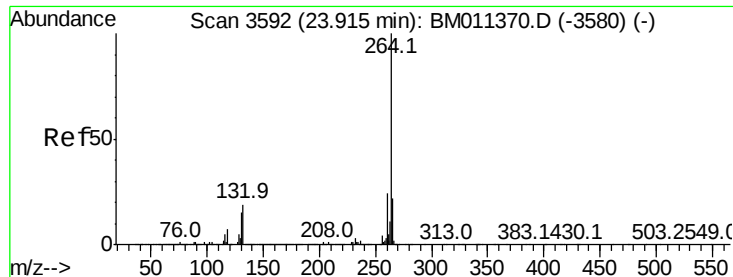
Tot Ion:149 Resp: 1819
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 23.3 7.3 10.9#



#85
Indeno(1,2,3-cd)pyrene
Concen: 0.008 ng
RT: 26.34 min Scan# 4005
Delta R.T. -0.03 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

Tgt Ion:276 Resp: 1355
Ion Ratio Lower Upper
276 100
138 41.3 12.0 18.0#
277 11.7 20.0 30.0#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.91 min Scan# 3591

Delta R.T. -0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

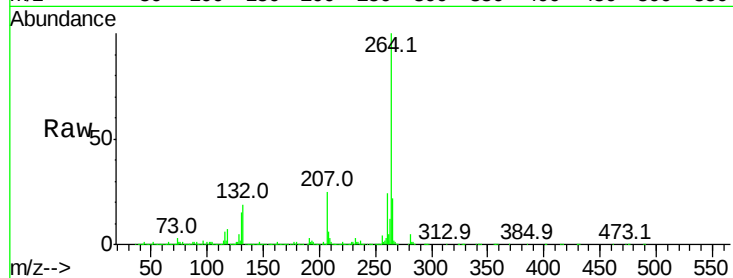
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 2919565

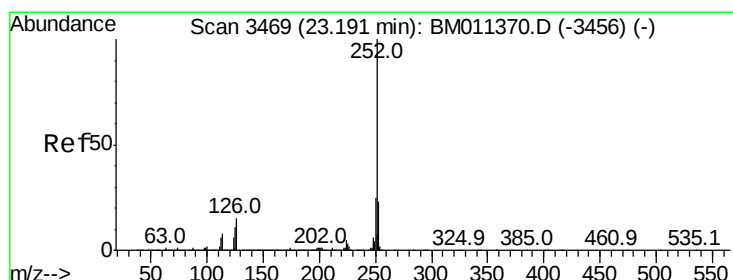
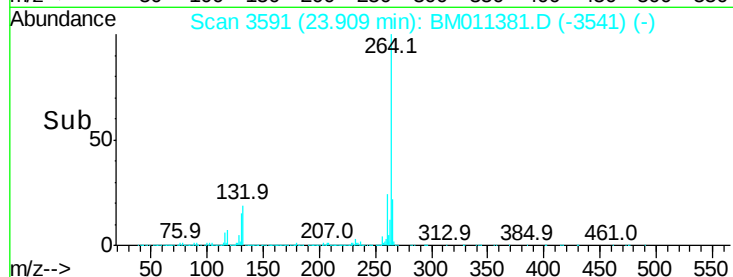
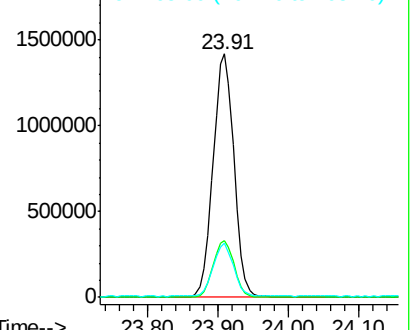
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	22.2	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 0.009 ng

RT: 23.18 min Scan# 3467

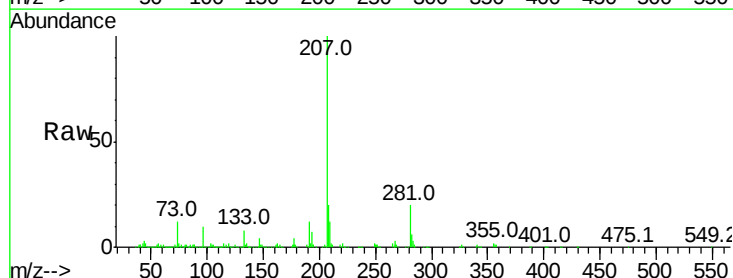
Delta R.T. -0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

Tgt Ion:252 Resp: 1688

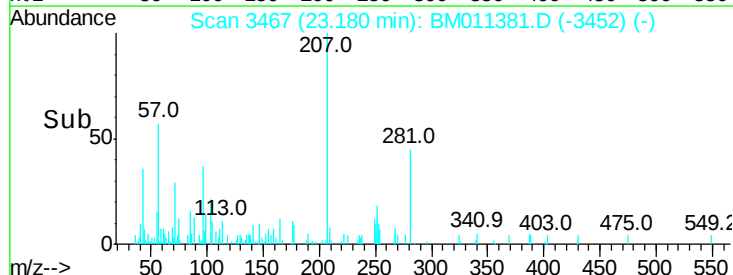
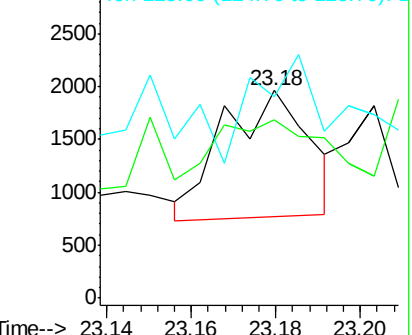
Ion	Ratio	Lower	Upper
252	100		
253	86.1	18.0	27.0#
125	97.4	9.9	14.9#

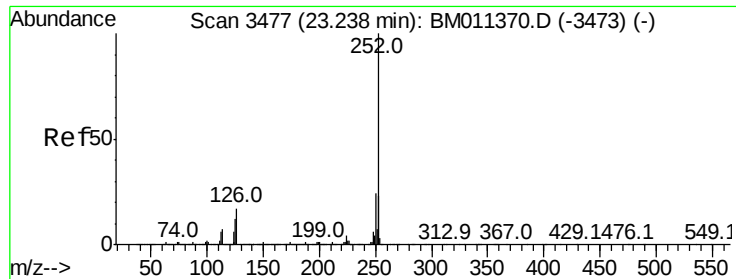


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

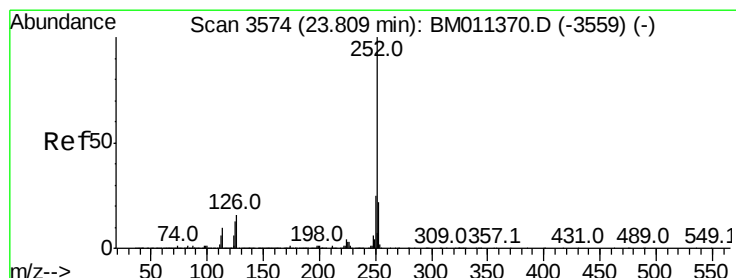
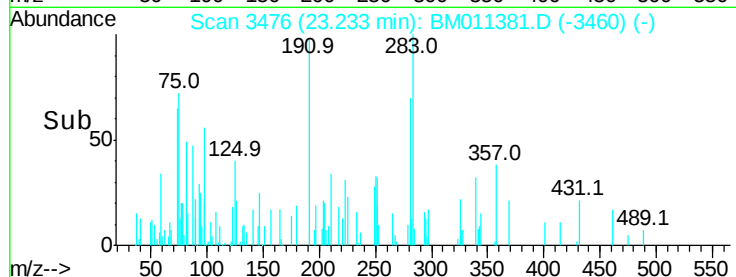
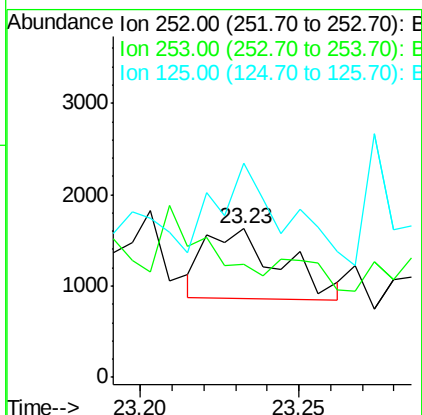
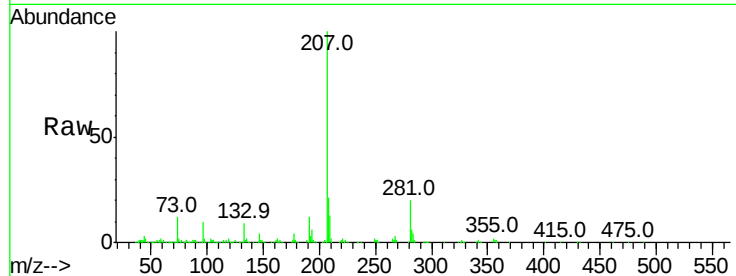




#88
Benzo(k)fluoranthene
Concen: 0.007 ng
RT: 23.23 min Scan# 3476
Delta R.T. -0.01 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

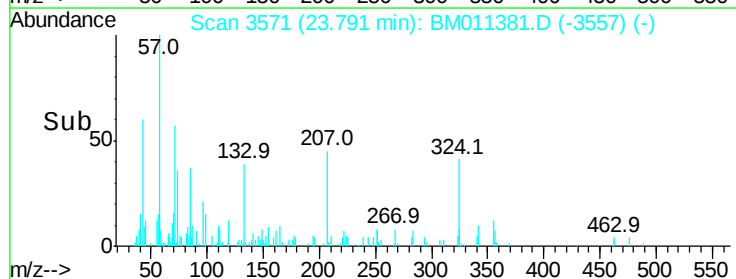
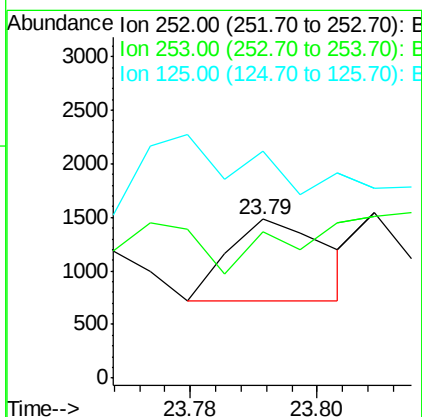
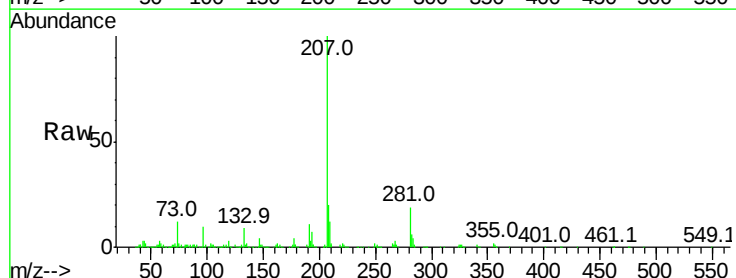
Instrument :
BNA_M
ClientSampleId :

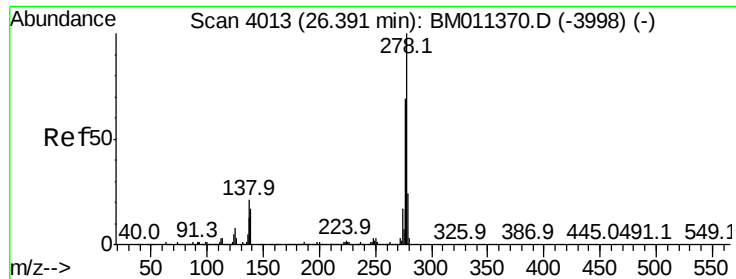
Tot Ion:252 Resp: 1244
Ion Ratio Lower Upper
252 100
253 76.2 17.2 25.8#
125 144.0 8.1 12.1#



#89
Benzo(a)pyrene
Concen: 0.005 ng
RT: 23.79 min Scan# 3571
Delta R.T. -0.02 min
Lab File: BM011381.D
Acq: 31 Aug 2017 20:44

Tgt Ion:252 Resp: 813
Ion Ratio Lower Upper
252 100
253 92.4 17.6 26.4#
125 142.8 7.4 11.2#





#90

Dibenzo(a,h)anthracene

Concen: 0.001 ng

RT: 26.36 min Scan# 4008

Delta R.T. -0.03 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

Instrument :

BNA_M

ClientSampleId :

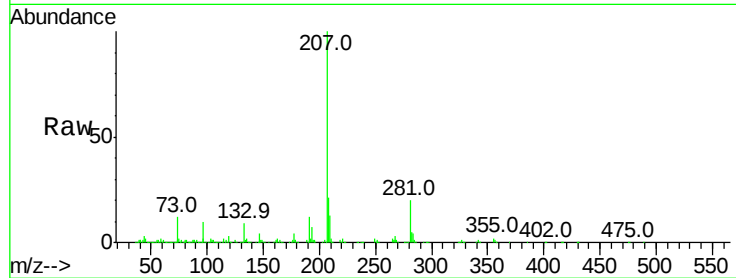
Tot Ion:278 Resp: 157

Ion Ratio Lower Upper

278 100

139 0.0 13.4 20.0#

279 93.5 19.0 28.4#

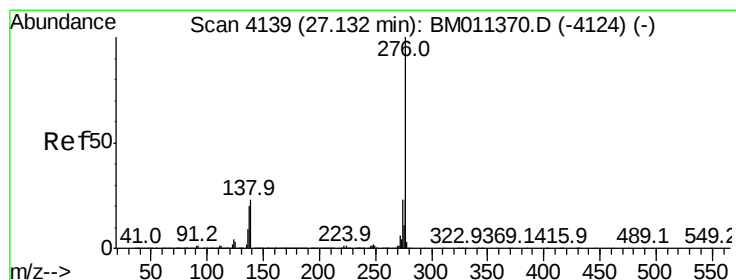
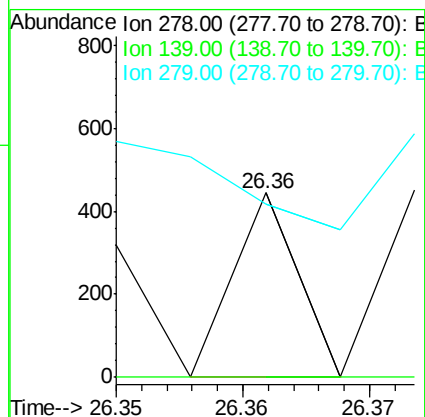
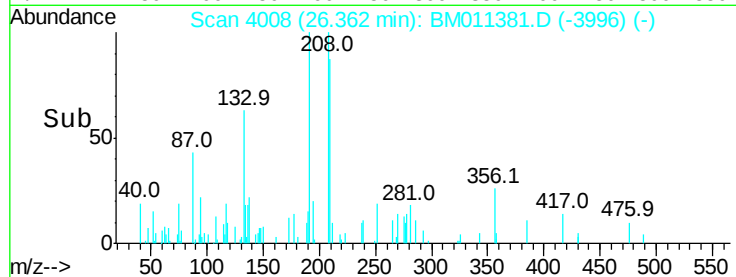


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

Time--> 26.35 26.36 26.37



#91

Benzo(g,h,i)perylene

Concen: 0.001 ng

RT: 27.14 min Scan# 4140

Delta R.T. 0.01 min

Lab File: BM011381.D

Acq: 31 Aug 2017 20:44

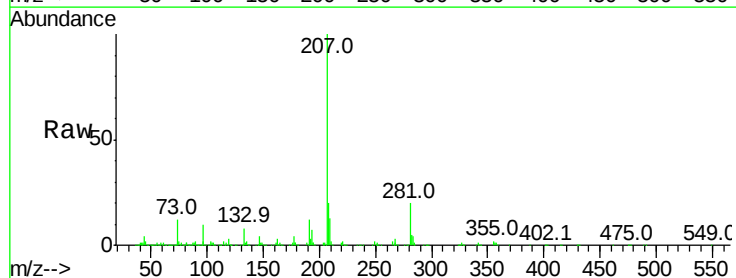
Tgt Ion:276 Resp: 120

Ion Ratio Lower Upper

276 100

277 91.4 18.5 27.7#

138 0.0 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

Time--> 27.12 27.14

