

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011393.D
 Acq On : 01 Sep 2017 03:58
 Operator : SJ/JU
 Sample : I5024-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 01 05:16:04 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	527908	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	2222240	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	1220571	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	2749977	20.00	ng	0.00
75) Chrysene-d12	21.52	240	3222954	20.00	ng	-0.01
86) Perylene-d12	23.90	264	3025457	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	4262658	135.92	ng	0.00
7) Phenol-d6	7.14	99	5254012	120.82	ng	0.00
23) Nitrobenzene-d5	9.15	82	3115986	92.40	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	1969457	139.47	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	7705670	91.00	ng	0.00
78) Terphenyl-d14	19.97	244	10685295	82.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	527	0.040	ng	# 100
3) Pyridine	3.80	79	438	0.011	ng	# 1
4) n-Nitrosodimethylamine	3.76	42	837	0.041	ng	# 1
6) Aniline	7.33	93	141	0.002	ng	# 43
8) 2-Chlorophenol	7.55	128	1054	0.029	ng	# 1
9) Benzaldehyde	7.14	77	9213	0.364	ng	# 7
10) Phenol	7.16	94	23585	0.493	ng	# 59
11) bis(2-Chloroethyl)ether	7.37	93	138	0.004	ng	# 23
14) 1,2-Dichlorobenzene	8.35	146	1326	0.032	ng	# 1
15) Benzyl Alcohol	8.22	79	1397	0.044	ng	# 30
16) 2,2'-oxybis(1-Chloropropan	8.53	45	602	0.009	ng	# 56
17) 2-Methylphenol	8.42	107	6612	0.216	ng	# 87
19) n-Nitroso-di-n-propylamine	8.78	70	428	0.013	ng	# 1
20) 3+4-Methylphenols	8.75	107	20375	0.480	ng	95
22) Acetophenone	8.81	105	5416	0.098	ng	# 76
24) Nitrobenzene	9.20	77	316	0.009	ng	# 40
25) Isophorone	9.74	82	1164	0.015	ng	# 62
27) 2,4-Dimethylphenol	9.95	122	5317	0.151	ng	96
31) Naphthalene	10.85	128	228991	1.909	ng	98
32) Benzoic acid	9.99	122	6777	6.785	ng	# 47
35) Caprolactam	11.73	113	180	0.015	ng	# 57
37) 2-Methylnaphthalene	12.45	142	29932	0.358	ng	97
45) 1,1'-Biphenyl	13.46	154	18203	0.168	ng	96
47) 2-Nitroaniline	13.67	65	184	5.444	ng	# 1
48) Acenaphthylene	14.34	152	15001	0.120	ng	# 96
51) Acenaphthene	14.68	154	21832	0.268	ng	94
54) Dibenzofuran	15.02	168	38822	0.346	ng	95
56) 2,4-Dinitrotoluene	14.97	165	107	5.143	ng	# 11
57) Fluorene	15.66	166	49109	0.502	ng	98
59) Diethylphthalate	15.42	149	4047	0.040	ng	# 80
61) 4-Nitroaniline	15.66	138	533	0.021	ng	# 28
62) Azobenzene	15.93	77	868	0.010	ng	# 79
70) Phenanthrene	17.40	178	151964	0.992	ng	98
71) Anthracene	17.49	178	19044	0.124	ng	99

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011393.D
 Acq On : 01 Sep 2017 03:58
 Operator : SJ/JU
 Sample : I5024-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

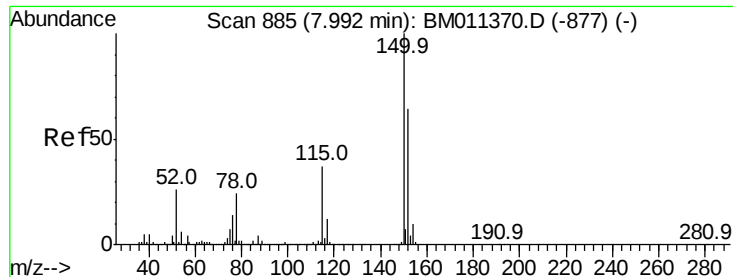
Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 01 05:16:04 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)

72) Carbazole	17.76	167	170848	1.151	nq	99
73) Di-n-butylphthalate	18.32	149	9911	0.057	nq #	92
74) Fluoranthene	19.40	202	24744	0.142	nq	94
76) Benzidine	19.59	184	107	0.002	nq #	68
77) Pyrene	19.77	202	16478	0.083	nq	95
79) Butylbenzylphthalate	20.71	149	1047	0.012	nq	99
80) Benzo(a)anthracene	21.52	228	10031	0.056	nq #	79
81) 3,3'-Dichlorobenzidine	21.43	252	639	0.009	nq #	15
82) Chrysene	21.56	228	1650	0.010	nq #	71
83) Bis(2-ethylhexyl)phthalate	21.43	149	6425	0.050	nq #	97
84) Di-n-octyl phthalate	22.36	149	894	0.004	nq #	30
87) Benzo(b)fluoranthene	23.17	252	2389	0.013	nq #	1
88) Benzo(k)fluoranthene	23.21	252	262	0.001	nq #	1
89) Benzo(a)pyrene	23.81	252	421	0.003	nq #	1
90) Dibenzo(a,h)anthracene	26.40	278	155	0.001	nq #	15
91) Benzo(g,h,i)perylene	27.10	276	281	0.002	nq #	14

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

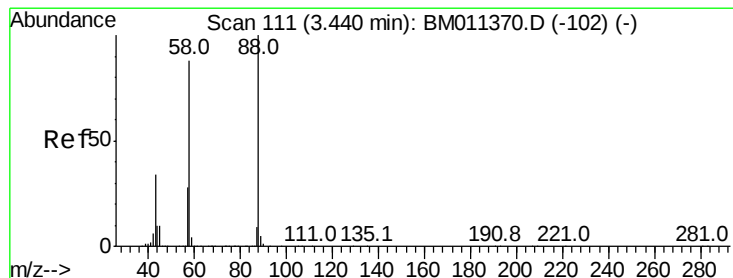
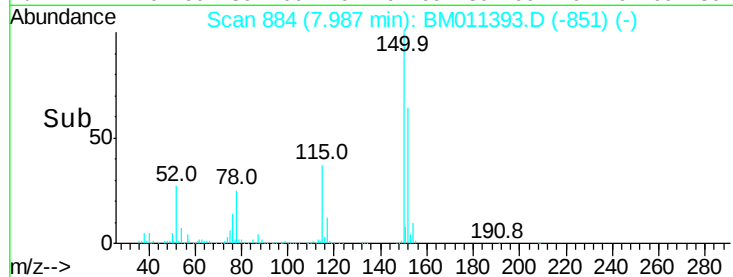
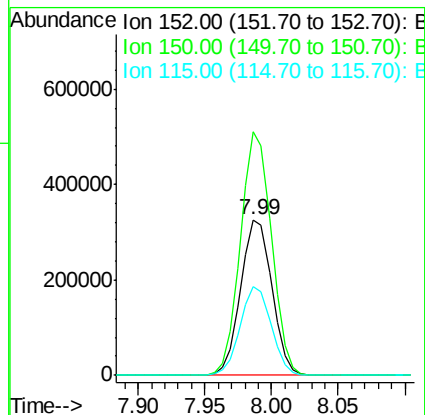
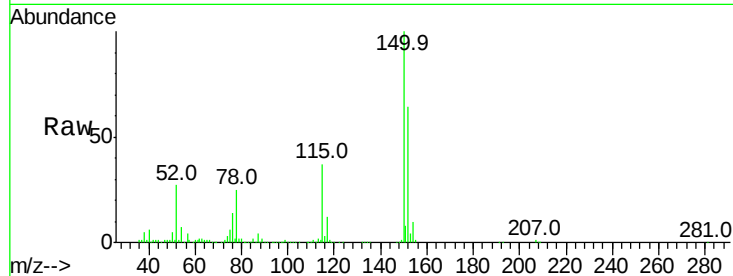


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011393.D
Acq: 01 Sep 2017 03:58

Instrument :
BNA_M
ClientSampleId :

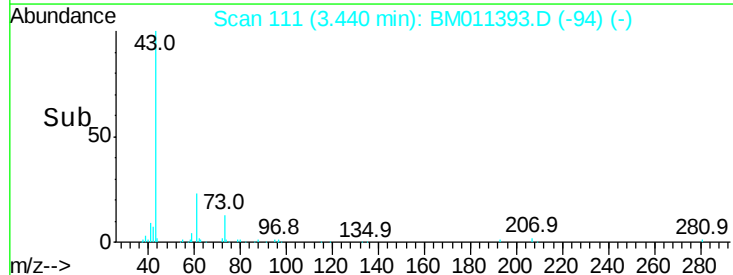
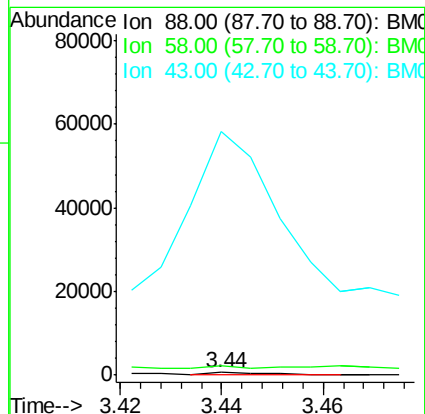
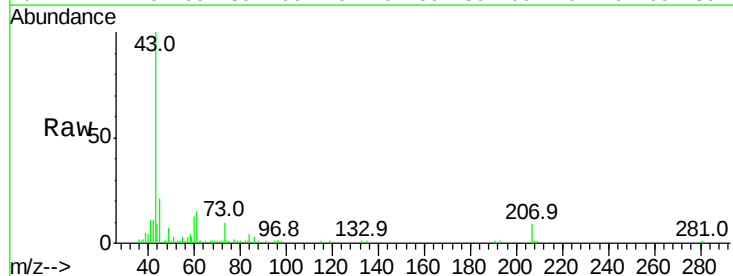
Tot Ion:152 Resp: 527908
Ion Ratio Lower Upper
152 100
150 156.5 119.5 179.3
115 57.3 43.0 64.4

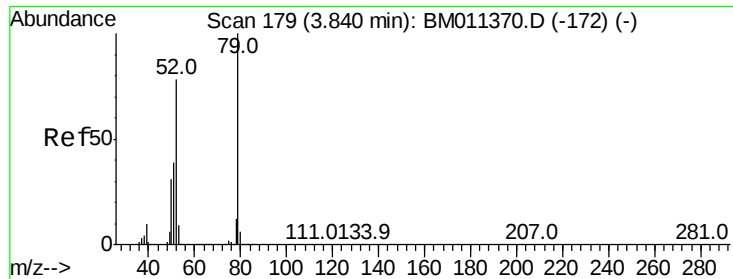


#2

1,4-Dioxane
Concen: 0.040 ng
RT: 3.44 min Scan# 111
Delta R.T. 0.00 min
Lab File: BM011393.D
Acq: 01 Sep 2017 03:58

Tgt Ion: 88 Resp: 527
Ion Ratio Lower Upper
88 100
58 67.7 0.0 0.0#
43 10508.2 0.0 0.0#





#3

Pvridine

Concen: 0.011 ng

RT: 3.80 min Scan# 173

Delta R.T. -0.04 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

Instrument :

BNA_M

ClientSampleId :

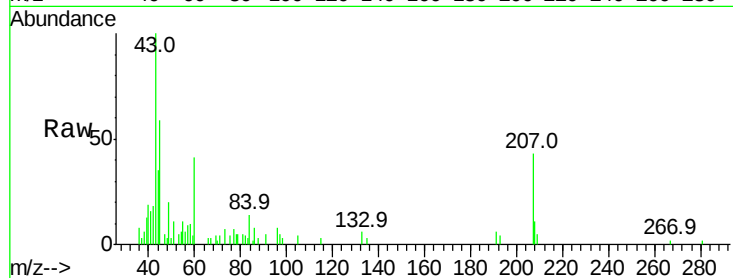
Tot Ion: 79 Resp: 438

Ion Ratio Lower Upper

79 100

52 0.0 51.1 76.7#

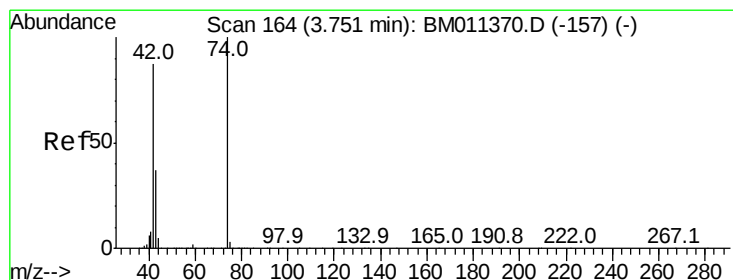
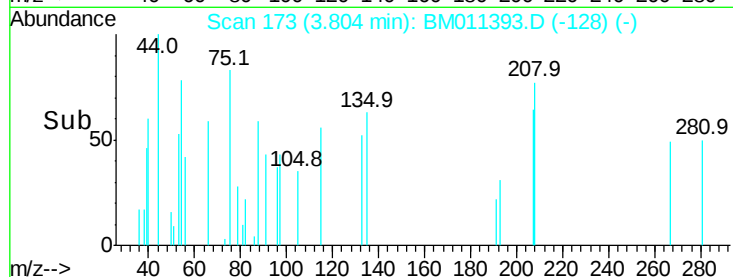
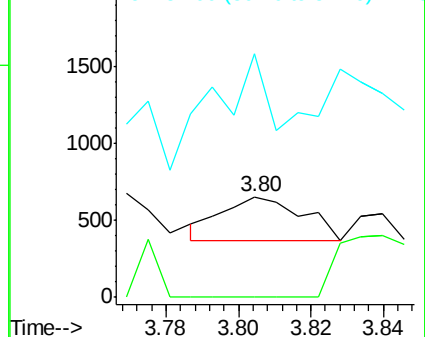
51 241.2 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM011370.D (-172) (-)

Ion 52.00 (51.70 to 52.70): BM011370.D (-172) (-)

Ion 51.00 (50.70 to 51.70): BM011370.D (-172) (-)



#4

n-Nitrosodimethylamine

Concen: 0.041 ng

RT: 3.76 min Scan# 165

Delta R.T. 0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

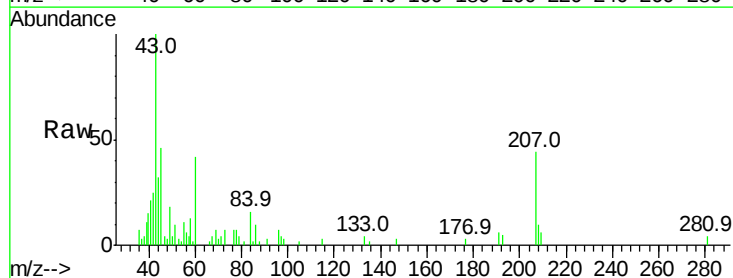
Tgt Ion: 42 Resp: 837

Ion Ratio Lower Upper

42 100

74 0.0 119.3 178.9#

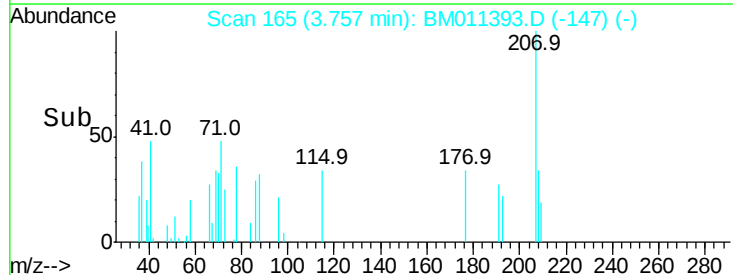
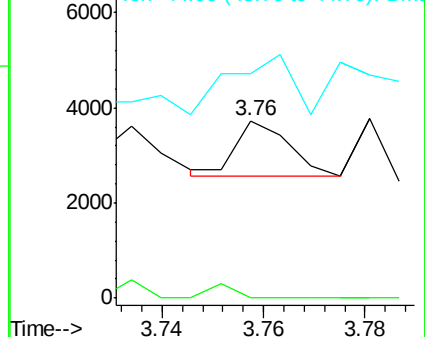
44 126.8 5.4 8.2#

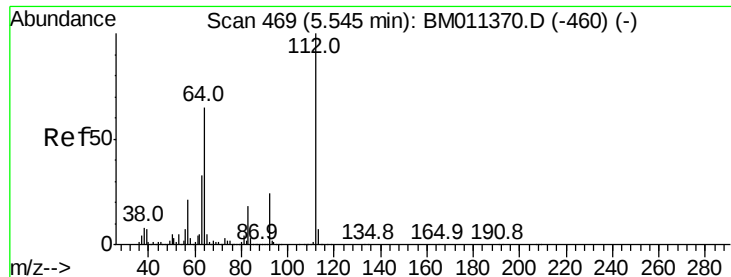


Abundance Ion 42.00 (41.70 to 42.70): BM011370.D (-157) (-)

Ion 74.00 (73.70 to 74.70): BM011370.D (-157) (-)

Ion 44.00 (43.70 to 44.70): BM011370.D (-157) (-)





#5

2-Fluorophenol

Concen: 135.918 ng

RT: 5.55 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

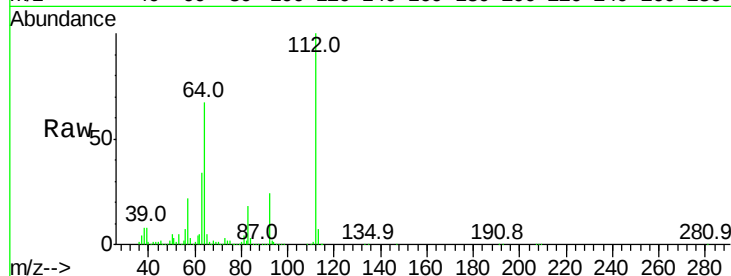
Instrument :

BNA_M

ClientSampleId :

Tot Ion:112 Resp: 4262658

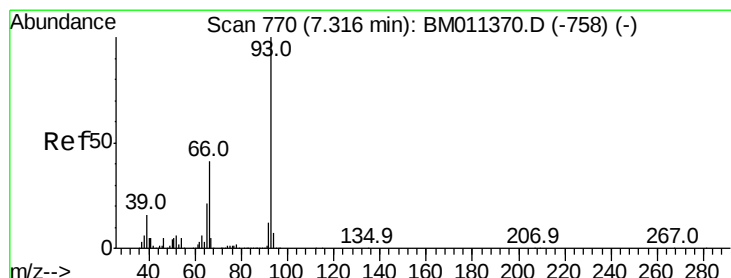
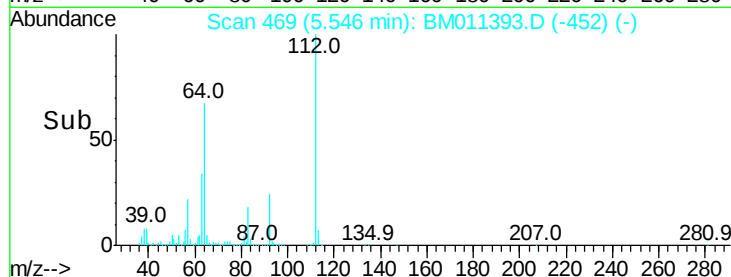
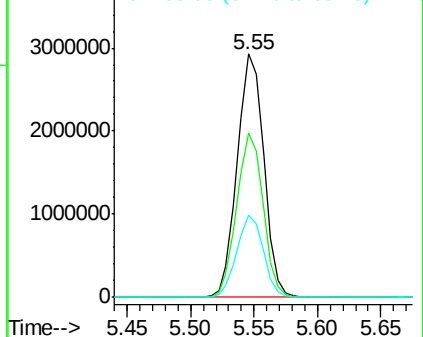
Ion	Ratio	Lower	Upper
112	100		
64	67.3	38.6	57.8#
63	33.8	19.3	28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 0.002 ng

RT: 7.33 min Scan# 772

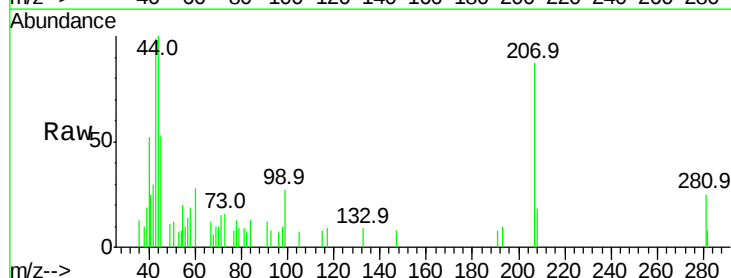
Delta R.T. 0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

Tgt Ion: 93 Resp: 141

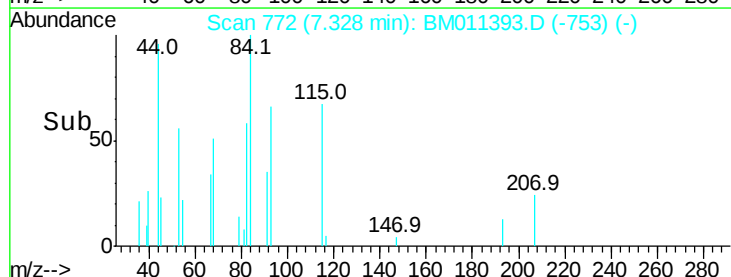
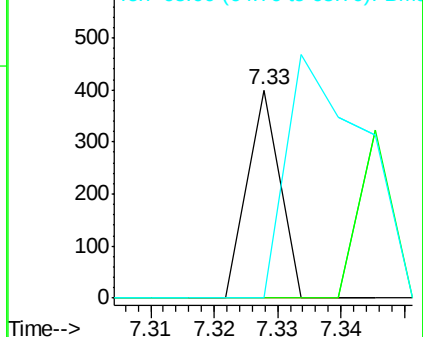
Ion	Ratio	Lower	Upper
93	100		
66	0.0	30.8	46.2#
65	0.0	16.0	24.0#

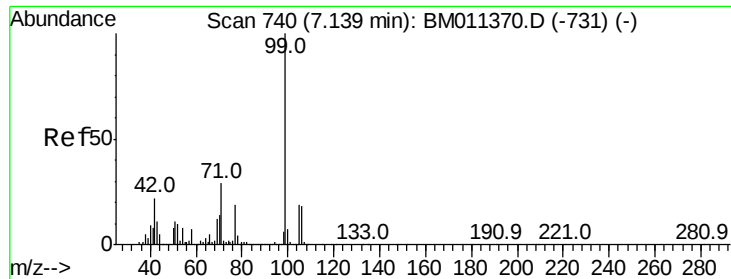


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 120.818 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

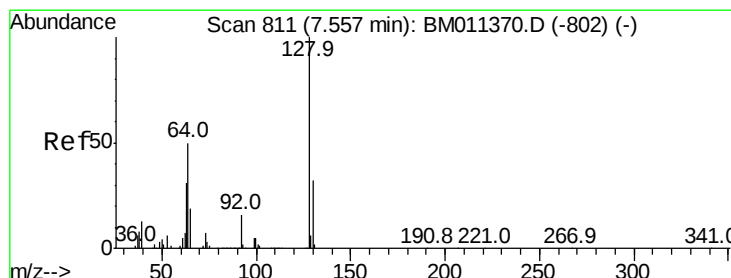
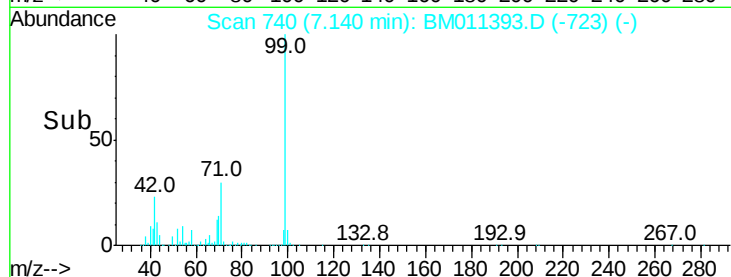
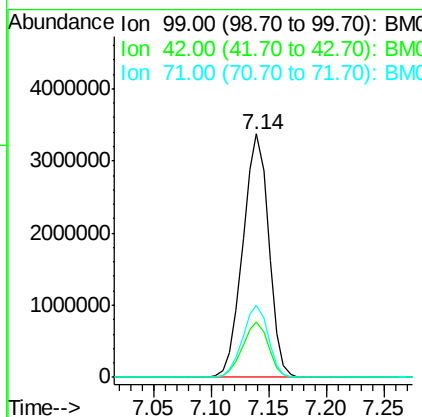
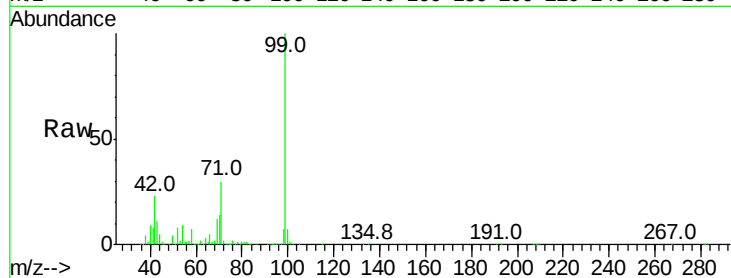
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 5254012

Ion	Ratio	Lower	Upper
99	100		
42	22.6	11.0	16.4#
71	29.8	23.4	35.2



#8

2-Chlorophenol

Concen: 0.029 ng

RT: 7.55 min Scan# 810

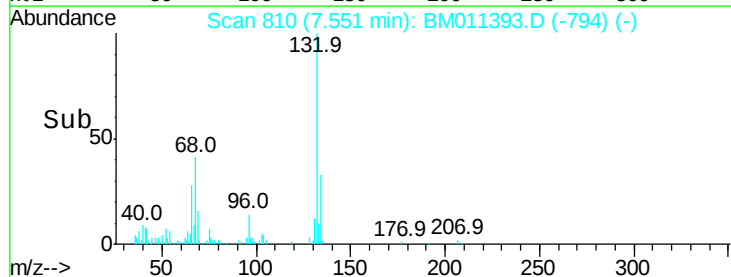
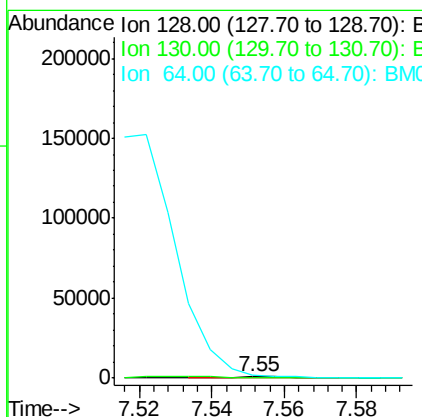
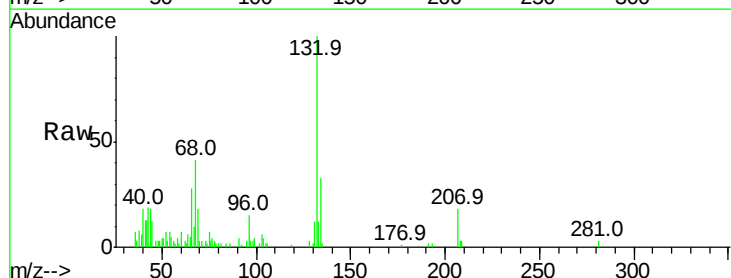
Delta R.T. -0.01 min

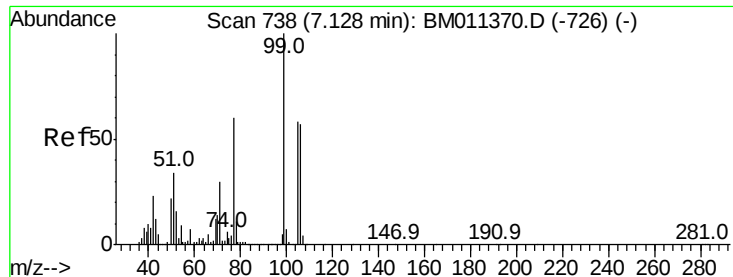
Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

Tgt Ion: 128 Resp: 1054

Ion	Ratio	Lower	Upper
128	100		
130	68.7	12.0	52.0#
64	218.9	24.9	64.9#





#9

Benzaldehyde

Concen: 0.364 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

Instrument :

BNA_M

ClientSampleId :

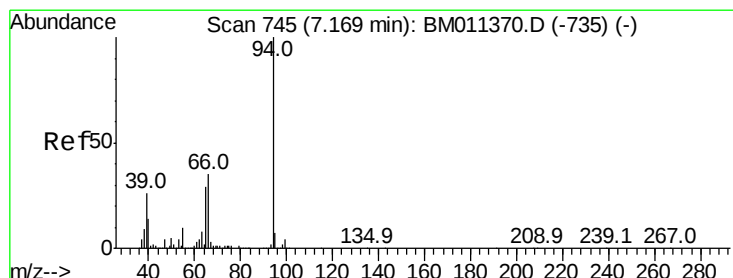
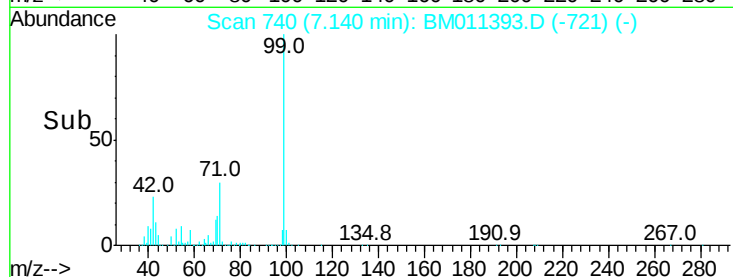
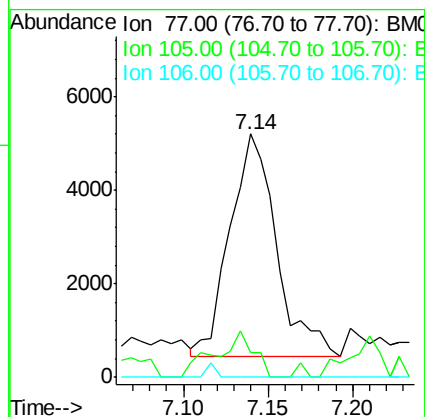
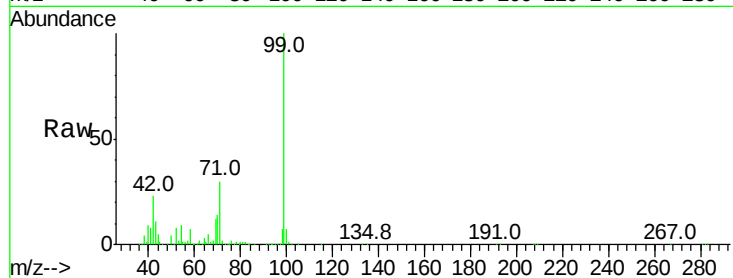
Tot Ion: 77 Resp: 9213

Ion Ratio Lower Upper

77 100

105 10.0 78.8 118.8#

106 0.0 73.7 113.7#



#10

Phenol

Concen: 0.493 ng

RT: 7.16 min Scan# 744

Delta R.T. -0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

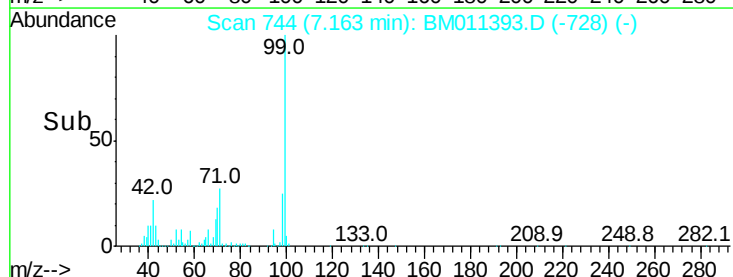
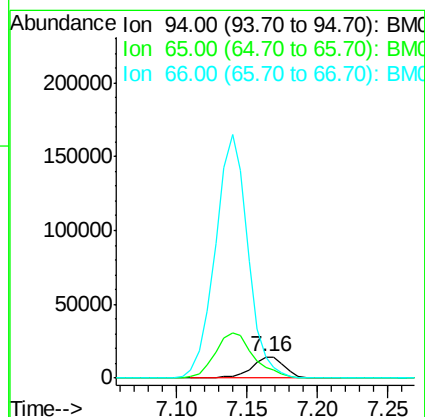
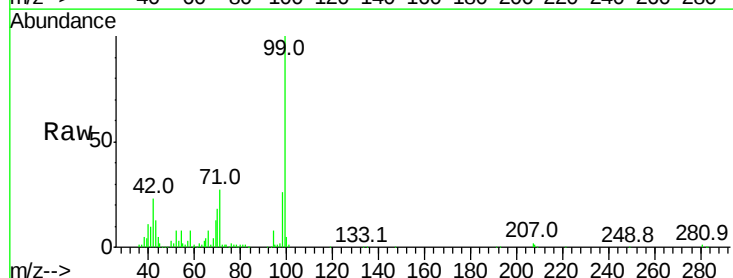
Tgt Ion: 94 Resp: 23585

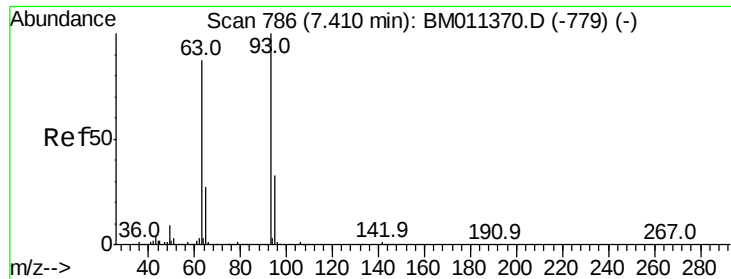
Ion Ratio Lower Upper

94 100

65 51.3 18.8 58.8

66 101.0 39.9 79.9#

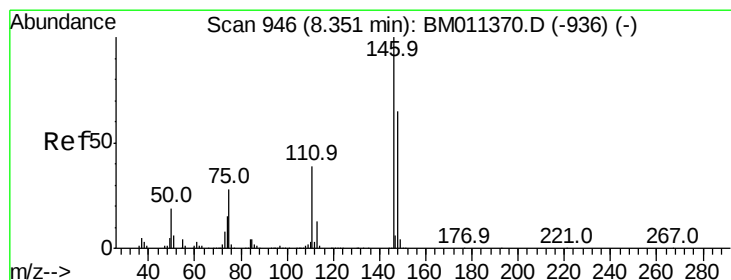
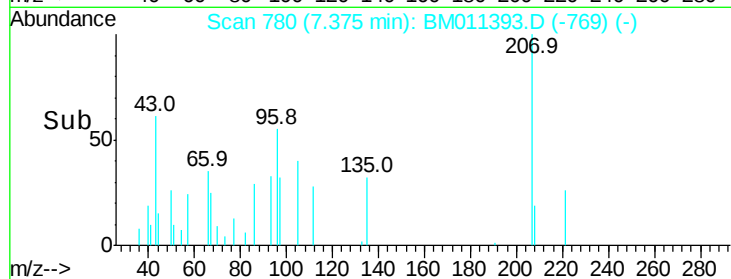
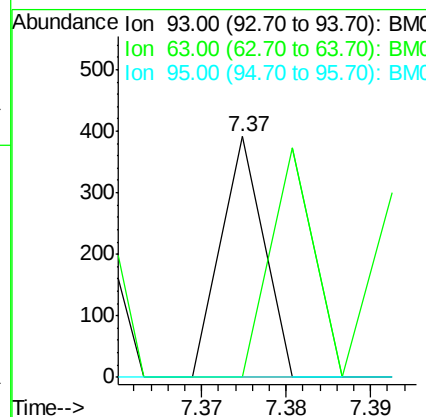
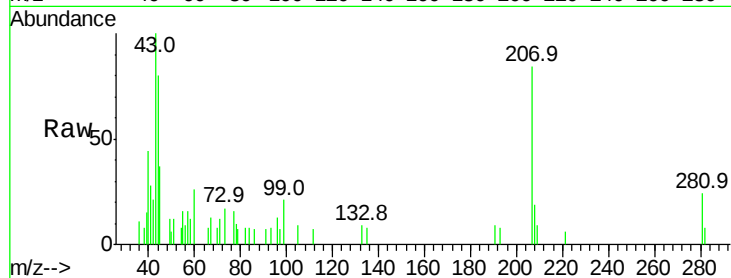




#11
bis(2-Chloroethyl)ether
Concen: 0.004 ng
RT: 7.37 min Scan# 780
Delta R.T. -0.04 min
Lab File: BM011393.D
Acq: 01 Sep 2017 03:58

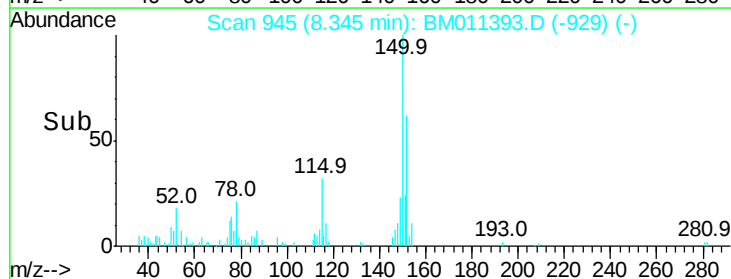
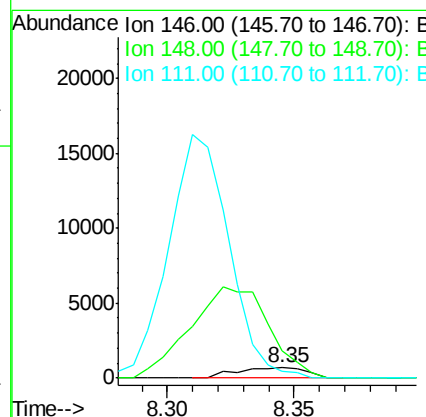
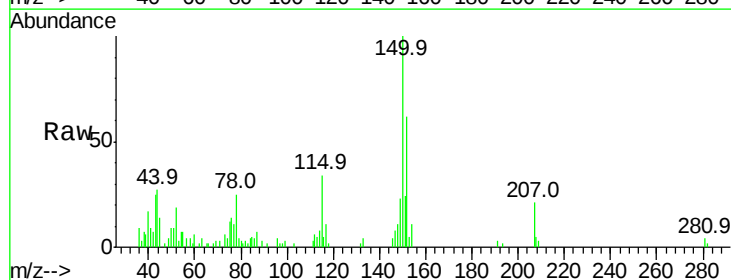
Instrument :
BNA_M
ClientSampled :

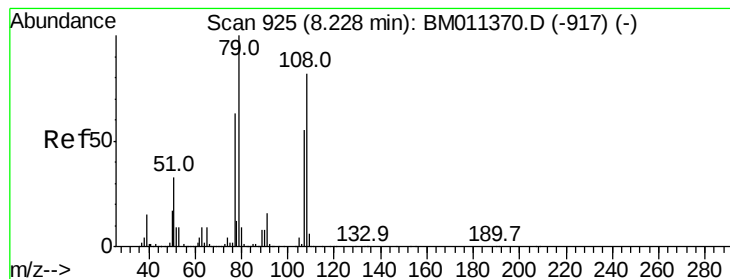
Tot Ion: 93 Resp: 138
Ion Ratio Lower Upper
93 100
63 0.0 49.5 89.5#
95 0.0 13.5 53.5#



#14
1,2-Dichlorobenzene
Concen: 0.032 ng
RT: 8.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM011393.D
Acq: 01 Sep 2017 03:58

Tgt Ion: 146 Resp: 1326
Ion Ratio Lower Upper
146 100
148 272.4 52.3 78.5#
111 68.6 30.6 45.8#





#15

Benzyl Alcohol

Concen: 0.044 ng

RT: 8.22 min Scan# 923

Delta R.T. -0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

Instrument :

BNA_M

ClientSampled :

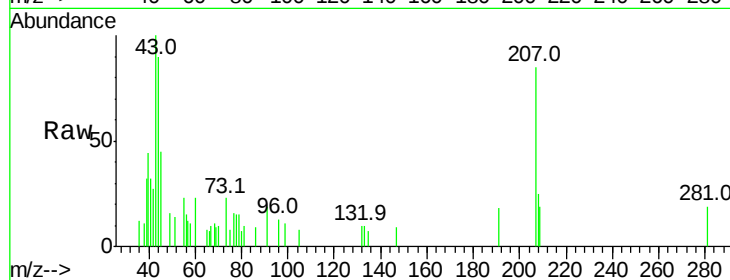
Tot Ion: 79 Resp: 1397

Ion Ratio Lower Upper

79 100

108 0.0 65.0 97.4#

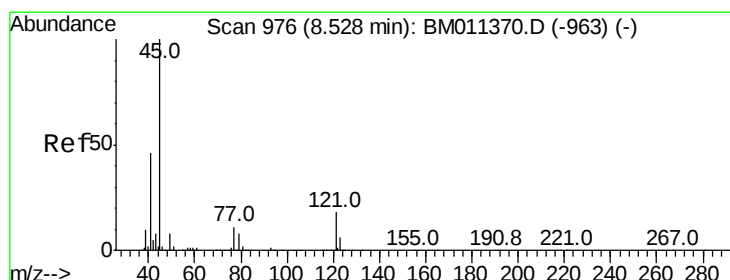
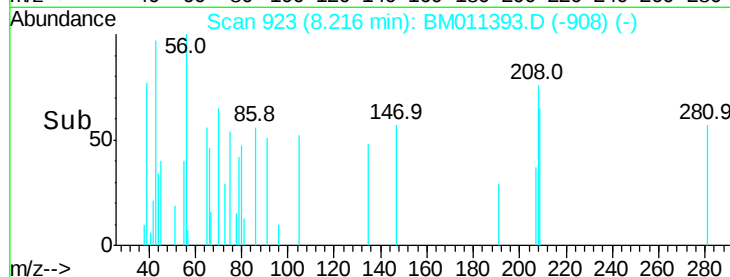
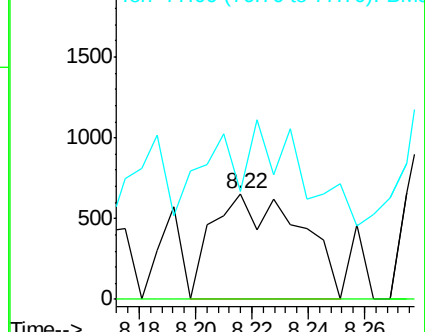
77 101.7 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM011370.D (-917) (-)

Ion 108.00 (107.70 to 108.70): BM011370.D (-917) (-)

Ion 77.00 (76.70 to 77.70): BM011370.D (-917) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.009 ng

RT: 8.53 min Scan# 976

Delta R.T. 0.00 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

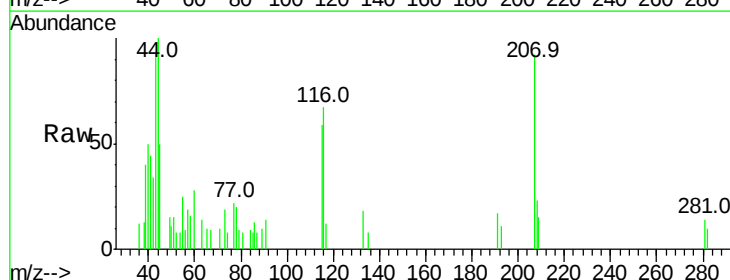
Tgt Ion: 45 Resp: 602

Ion Ratio Lower Upper

45 100

77 43.4 0.0 35.2#

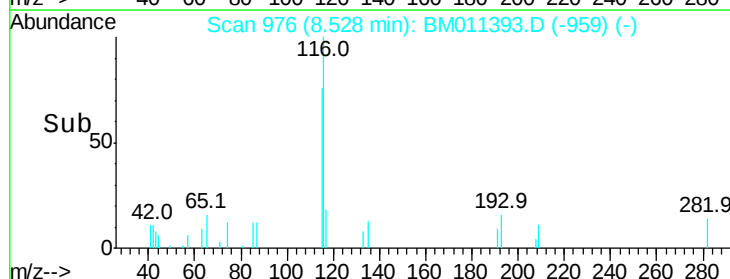
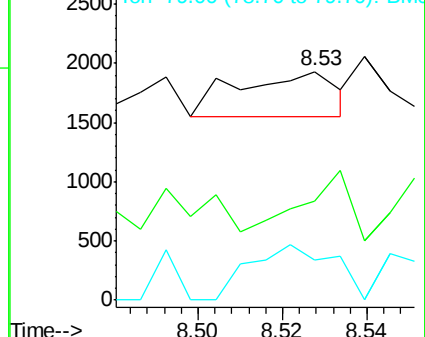
79 17.8 0.0 32.0

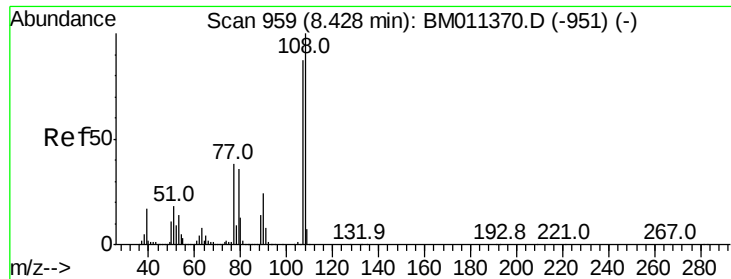


Abundance Ion 45.00 (44.70 to 45.70): BM011370.D (-963) (-)

Ion 77.00 (76.70 to 77.70): BM011370.D (-963) (-)

Ion 79.00 (78.70 to 79.70): BM011370.D (-963) (-)





#17

2-Methylphenol

Concen: 0.216 ng

RT: 8.42 min Scan# 958

Delta R.T. -0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 6612

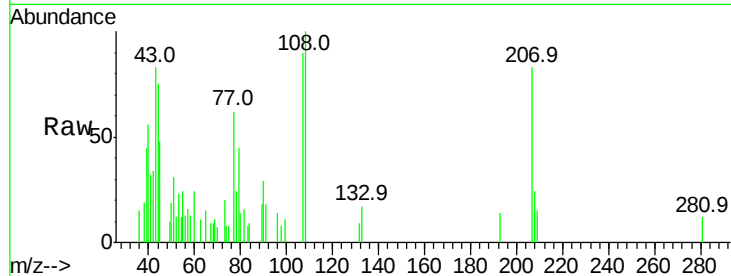
Ion Ratio Lower Upper

107 100

108 111.5 89.8 134.8

77 68.7 32.6 48.8#

79 50.1 32.8 49.2#

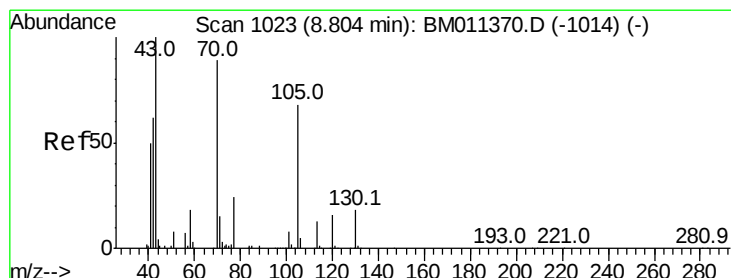
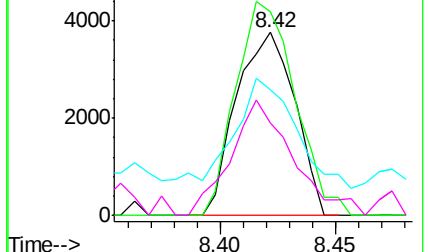
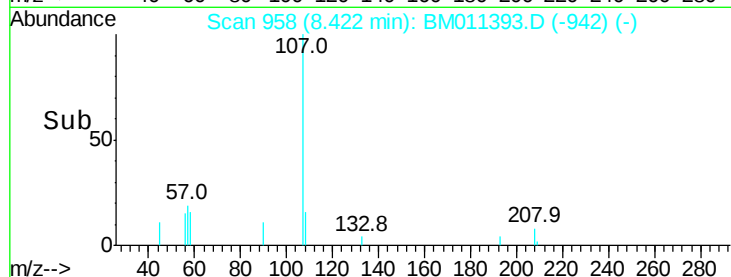


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#19

n-Nitroso-di-n-propylamine

Concen: 0.013 ng

RT: 8.78 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

Tgt Ion: 70 Resp: 428

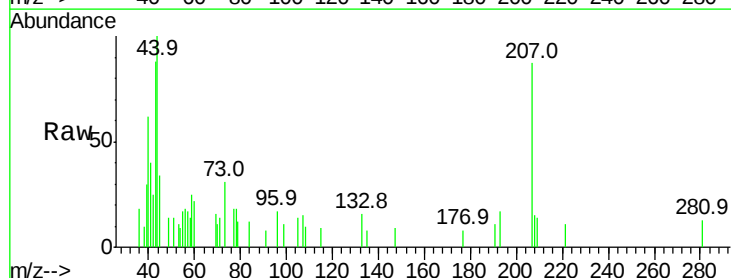
Ion Ratio Lower Upper

70 100

42 220.1 44.5 66.7#

101 0.0 7.4 11.2#

130 0.0 15.3 22.9#

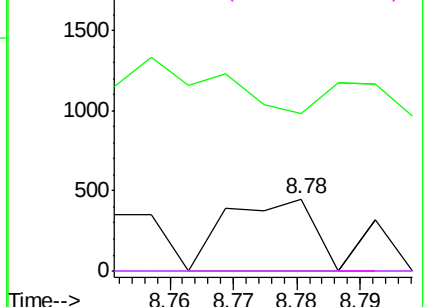
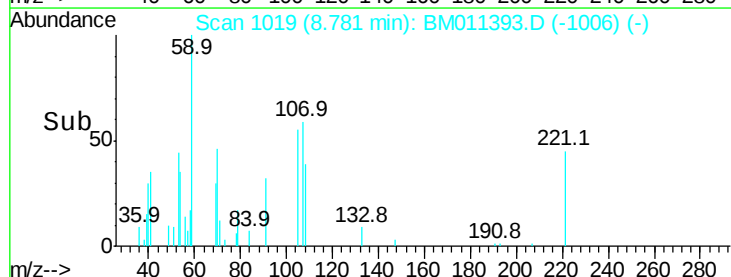


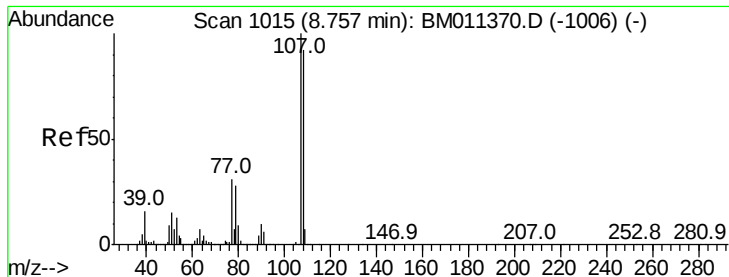
Abundance Ion 70.00 (69.70 to 70.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 0.480 ng

RT: 8.75 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 20375

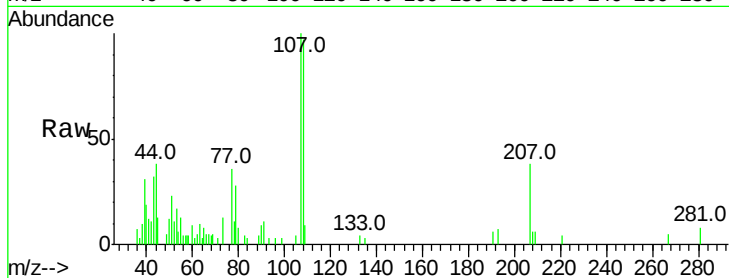
Ion Ratio Lower Upper

107 100

108 96.6 73.2 113.2

77 35.6 10.7 50.7

79 28.0 9.6 49.6



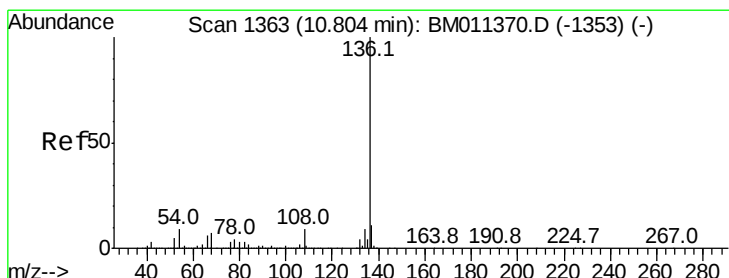
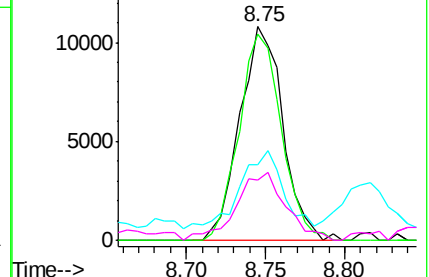
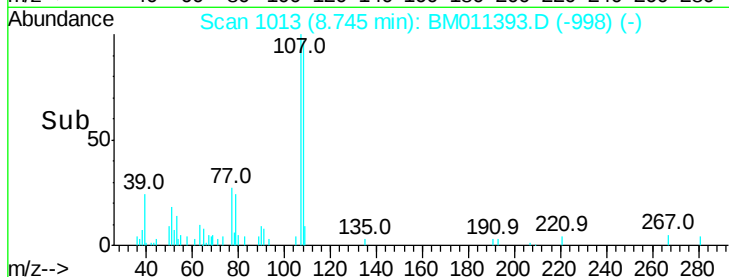
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

Tgt Ion:136 Resp: 2222240

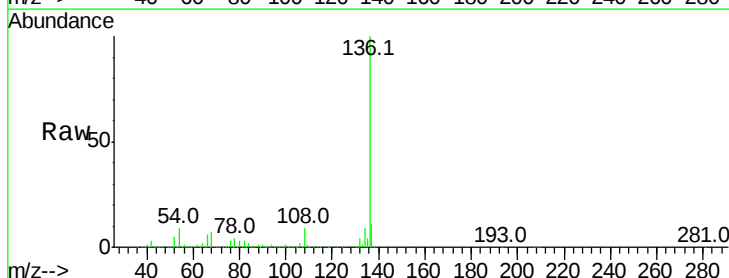
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.4 4.6 6.8#

68 6.8 3.7 5.5#



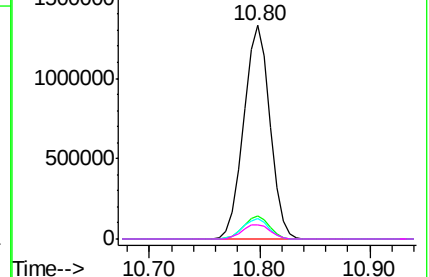
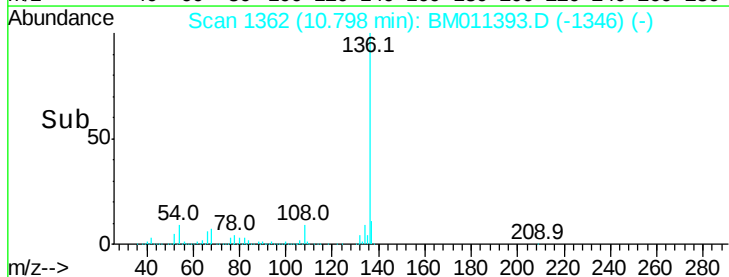
Abundance Ion 136.00 (135.70 to 136.70): E

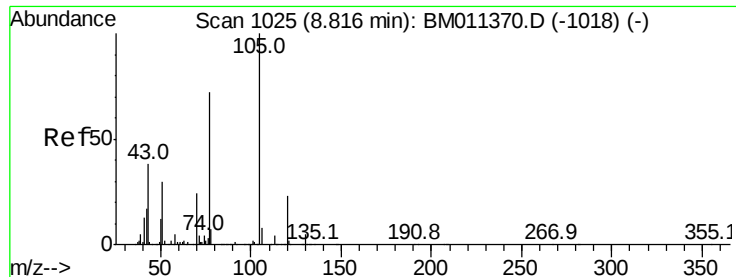
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM

Time-->





#22

Acetophenone

Concen: 0.098 ng

RT: 8.81 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BM011393.D

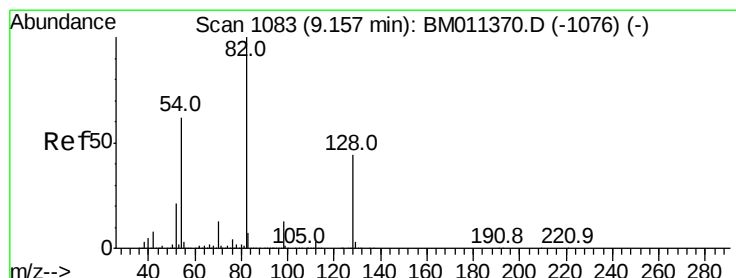
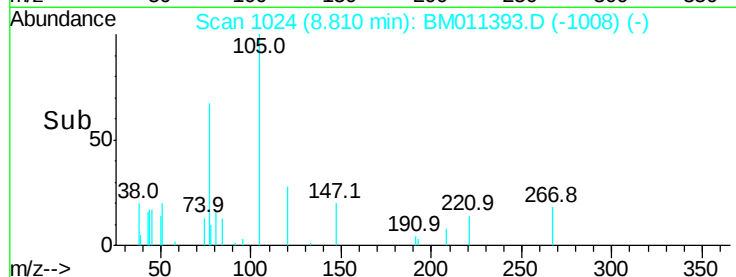
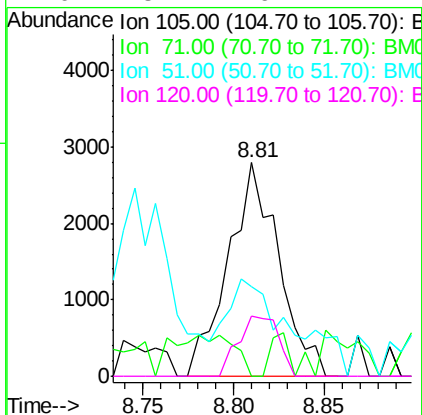
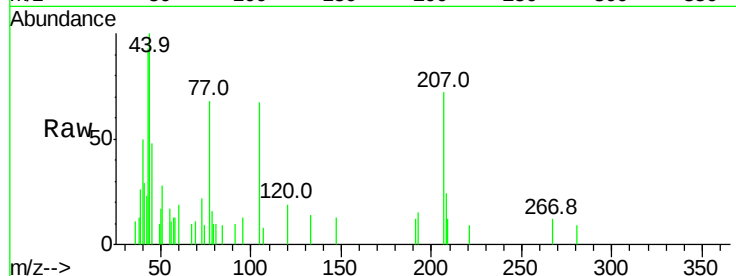
Acq: 01 Sep 2017 03:58

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	105	Resp:	5416
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.6	1.0#
51	41.7	21.6	32.4#
120	28.4	16.1	24.1#



#23

Nitrobenzene-d5

Concen: 92.401 ng

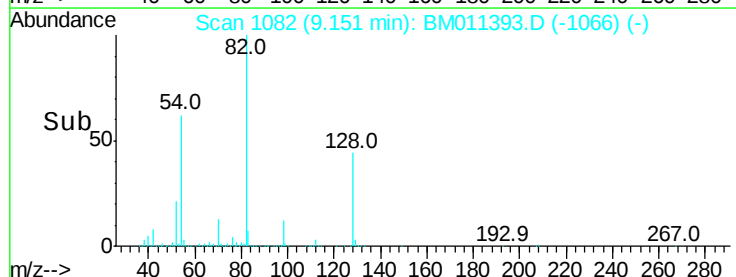
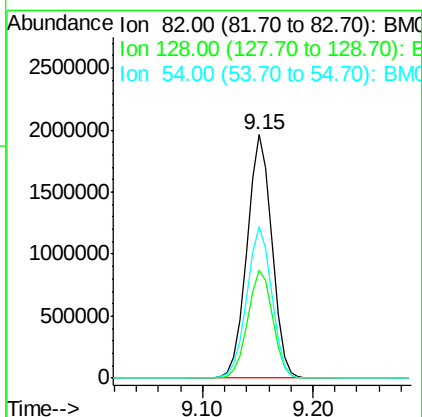
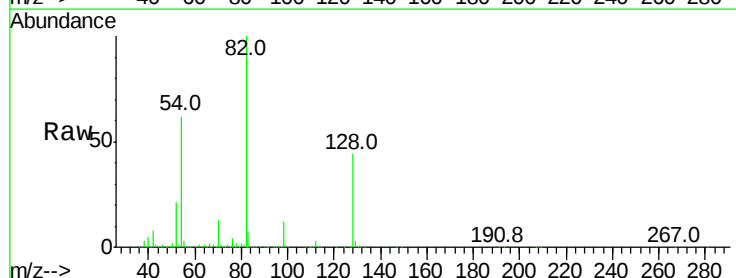
RT: 9.15 min Scan# 1082

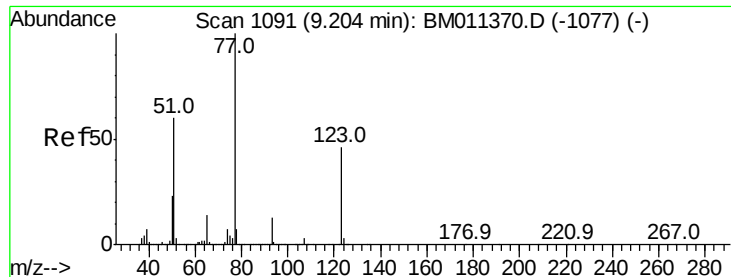
Delta R.T. -0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

Tgt Ion:	82	Resp:	3115986
Ion Ratio	Lower	Upper	
82	100		
128	44.1	32.8	49.2
54	62.3	40.6	60.8#

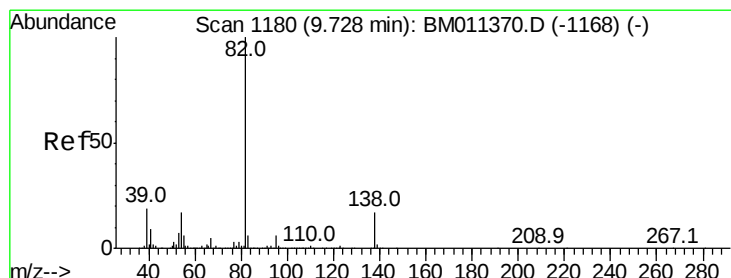
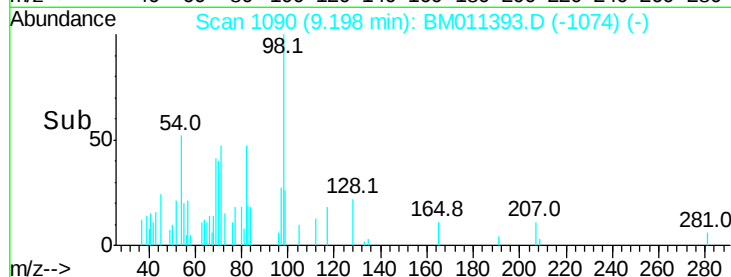
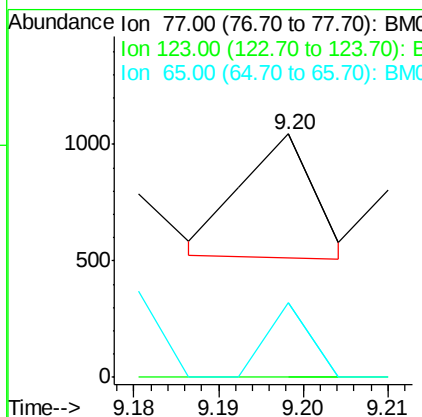
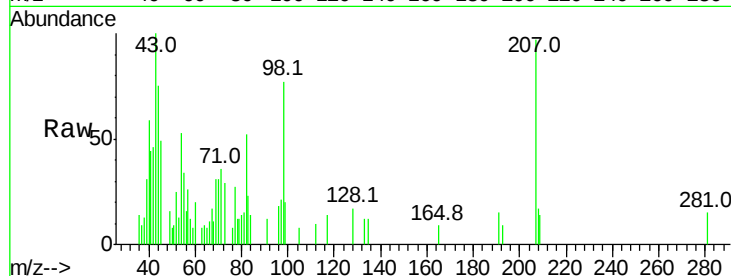




#24
Nitrobenzene
Concen: 0.009 ng
RT: 9.20 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BM011393.D
Acq: 01 Sep 2017 03:58

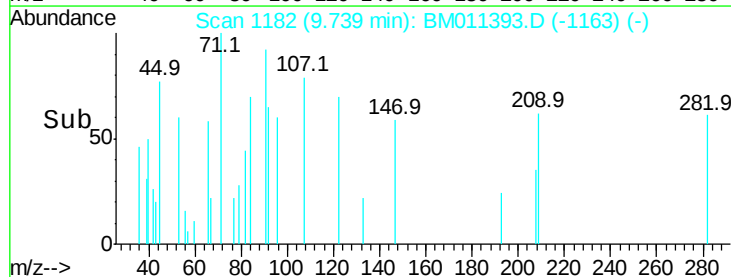
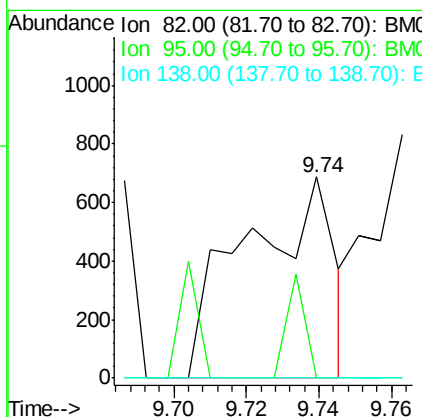
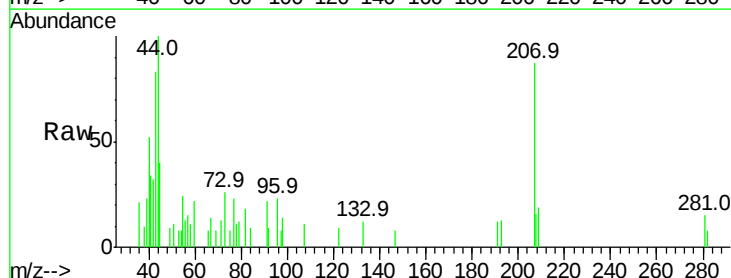
Instrument :
BNA_M
ClientSampleId :

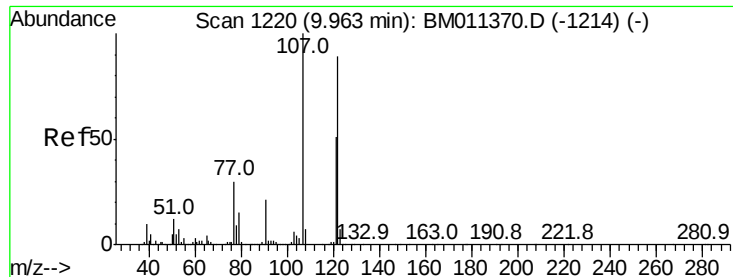
Tot Ion: 77 Resp: 316
Ion Ratio Lower Upper
77 100
123 0.0 32.6 49.0#
65 30.8 10.9 16.3#



#25
Isophorone
Concen: 0.015 ng
RT: 9.74 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BM011393.D
Acq: 01 Sep 2017 03:58

Tgt Ion: 82 Resp: 1164
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: 0.151 ng

RT: 9.95 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BM011393.D

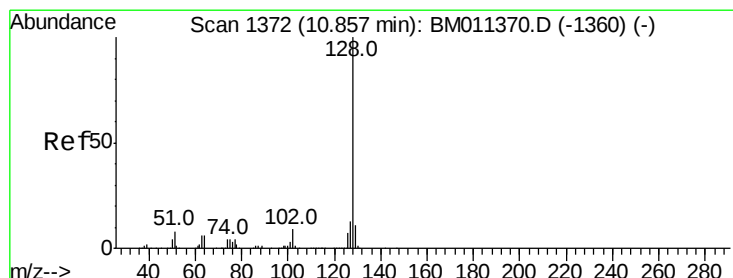
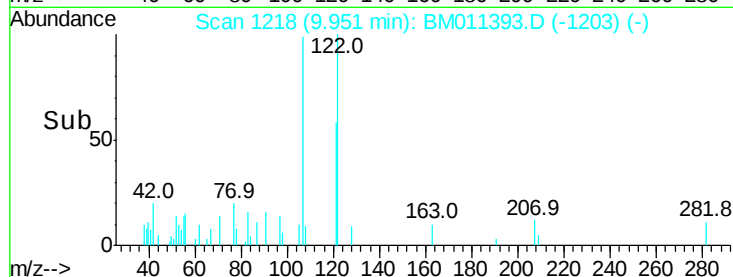
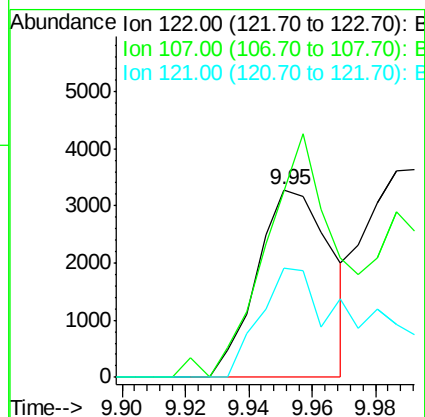
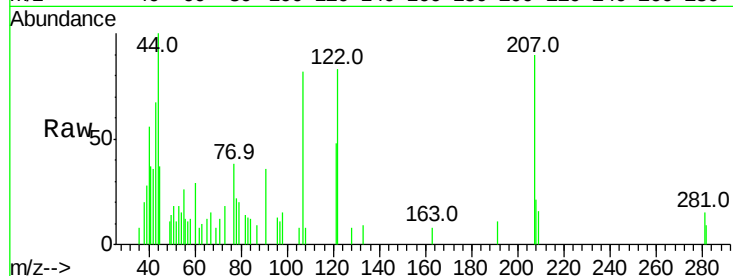
Acq: 01 Sep 2017 03:58

Instrument :

BNA_M

ClientSampled :

Tot Ion:	122	Resp:	5317
Ion	Ratio	Lower	Upper
122	100		
107	99.4	84.7	127.1
121	57.9	46.6	69.8



#31

Naphthalene

Concen: 1.909 ng

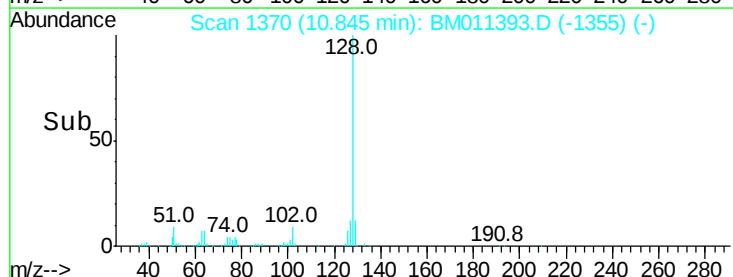
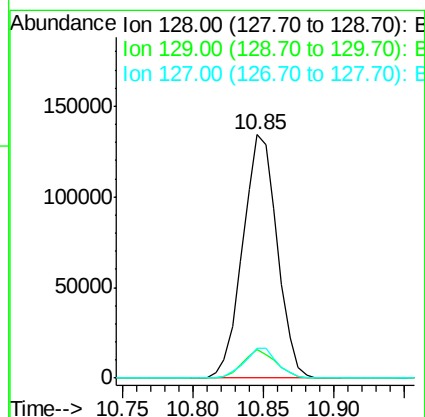
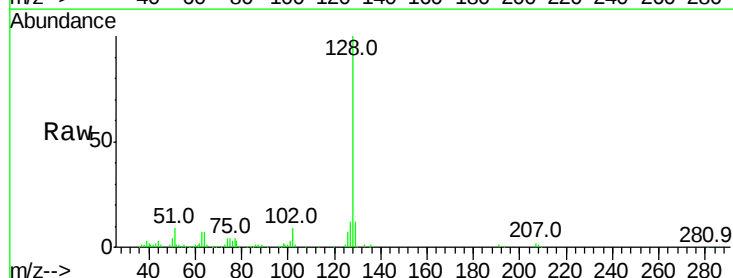
RT: 10.85 min Scan# 1370

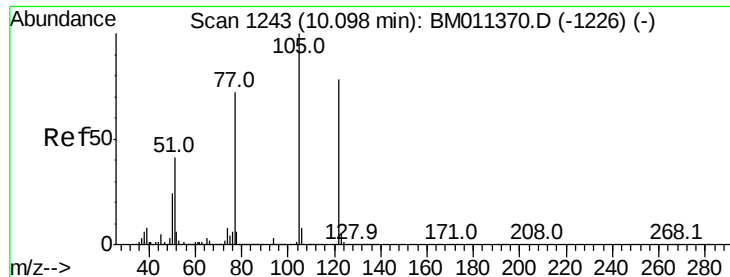
Delta R.T. -0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

Tgt Ion:	128	Resp:	228991
Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.9	13.3
127	12.2	10.4	15.6





#32

Benzoic acid

Concen: 6.785 ng

RT: 9.99 min Scan# 1225

Delta R.T. -0.11 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

Instrument :

BNA_M

ClientSampled :

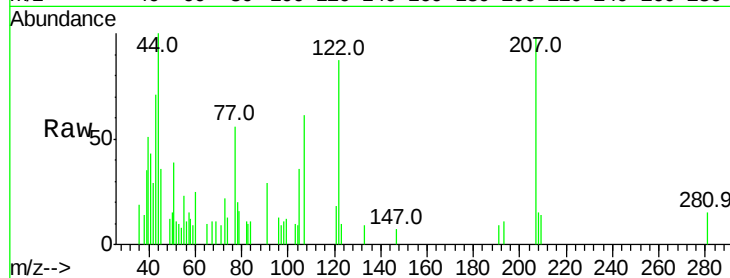
Tot Ion:122 Resp: 6777

Ion Ratio Lower Upper

122 100

105 40.9 99.9 139.9#

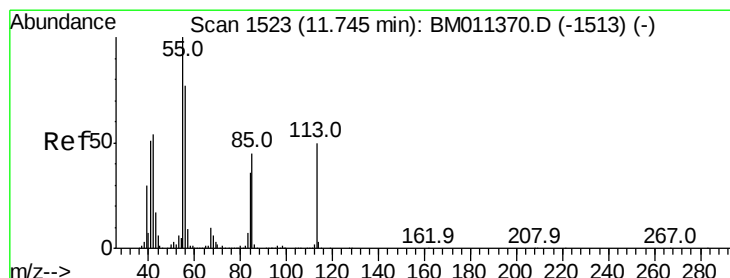
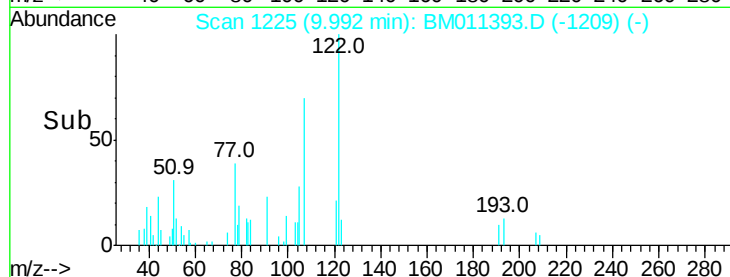
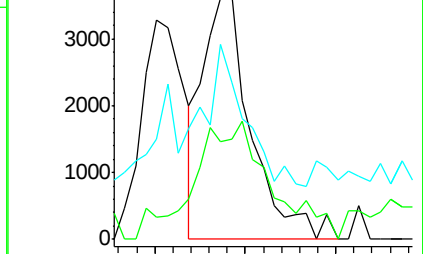
77 64.1 73.7 113.7#



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



#35

Caprolactam

Concen: 0.015 ng

RT: 11.73 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

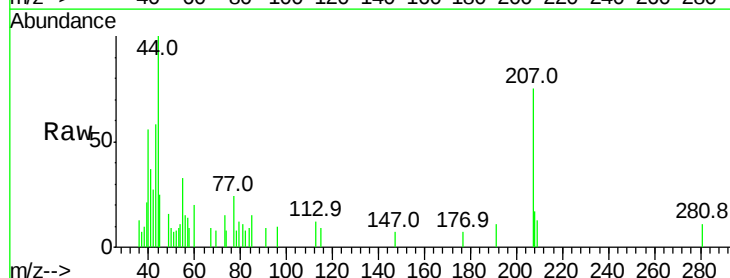
Tgt Ion:113 Resp: 180

Ion Ratio Lower Upper

113 100

55 265.6 145.9 185.9#

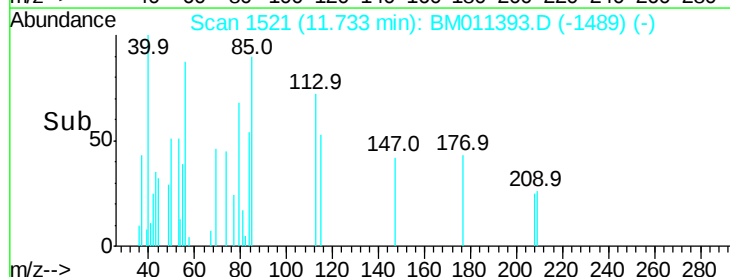
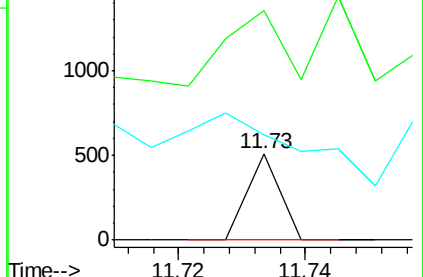
56 121.3 101.0 141.0

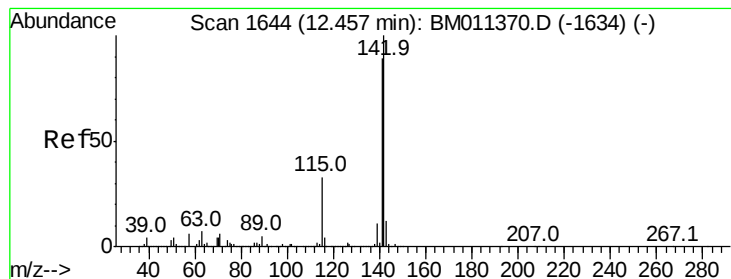


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM





#37

2-Methylnaphthalene

Concen: 0.358 ng

RT: 12.45 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

Instrument :

BNA_M

ClientSampleId :

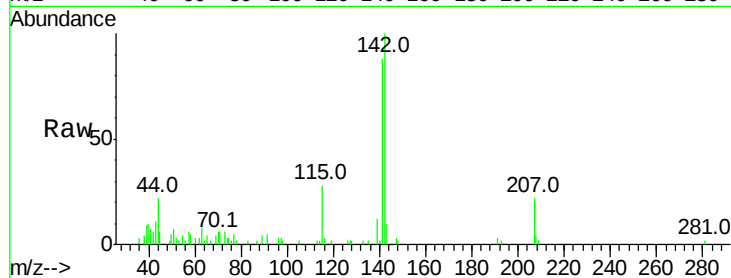
Tot Ion:142 Resp: 29932

Ion Ratio Lower Upper

142 100

141 88.2 71.9 107.9

115 28.0 25.4 38.0

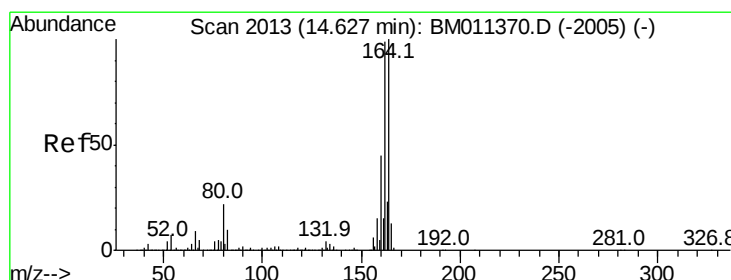
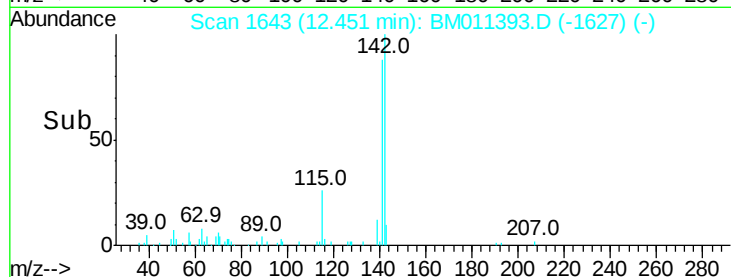
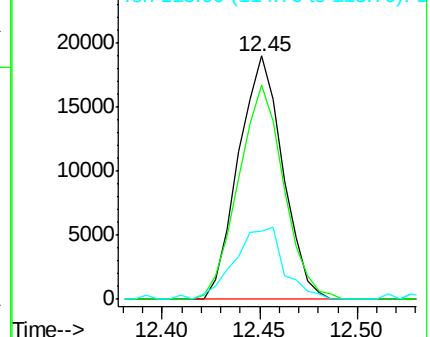


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

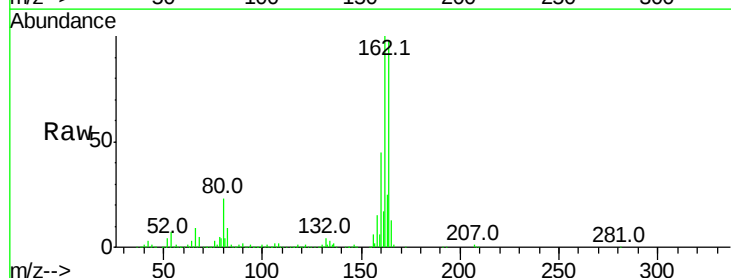
Tgt Ion:164 Resp: 1220571

Ion Ratio Lower Upper

164 100

162 102.4 82.4 123.6

160 45.8 35.8 53.6

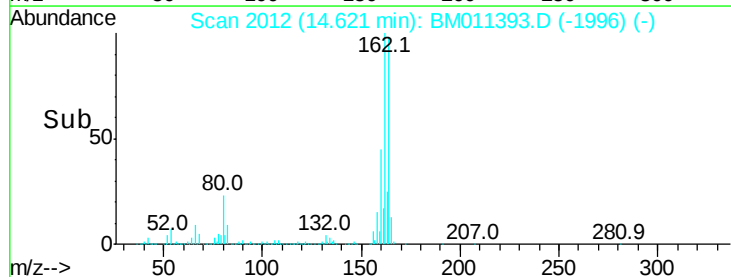
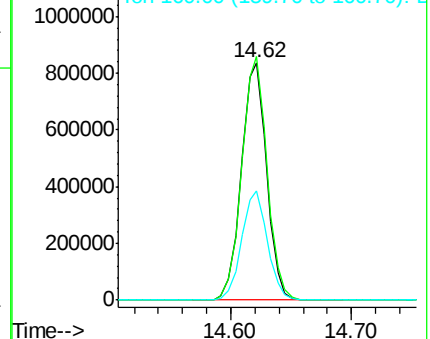


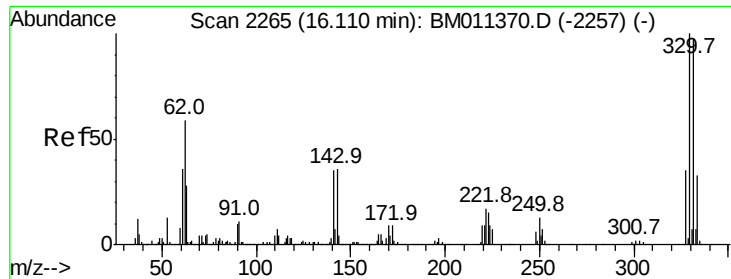
Abundance

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

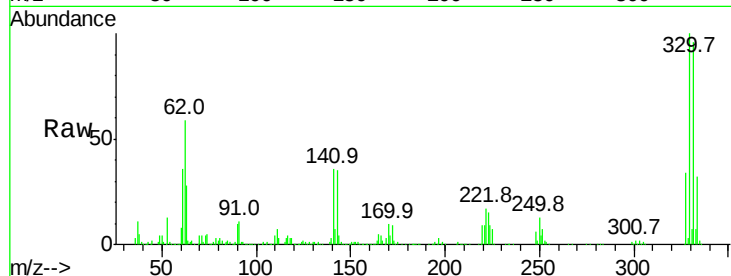




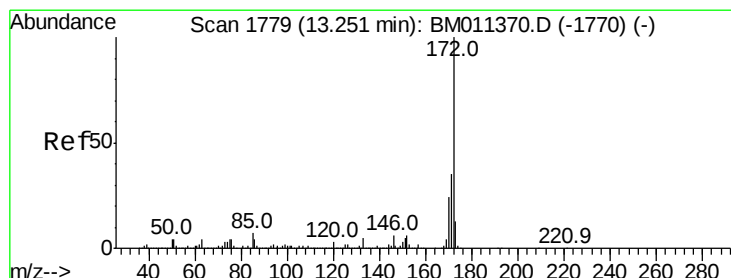
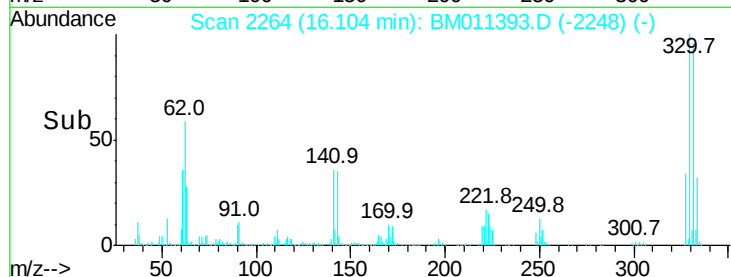
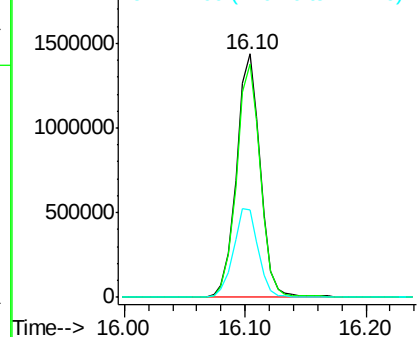
#41
2,4,6-Tribromophenol
Concen: 139.465 ng
RT: 16.10 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BM011393.D
Acq: 01 Sep 2017 03:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:330 Resp: 1969457
Ion Ratio Lower Upper
330 100
332 96.2 0.0 0.0#
141 38.1 0.0 0.0#

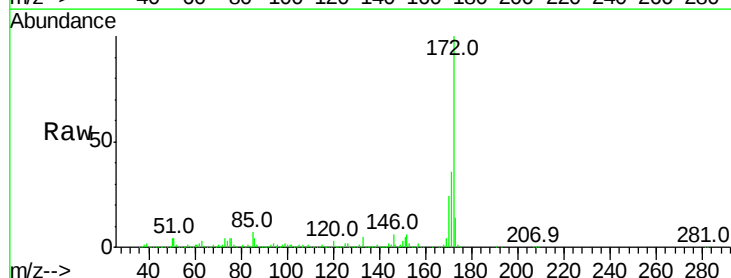


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

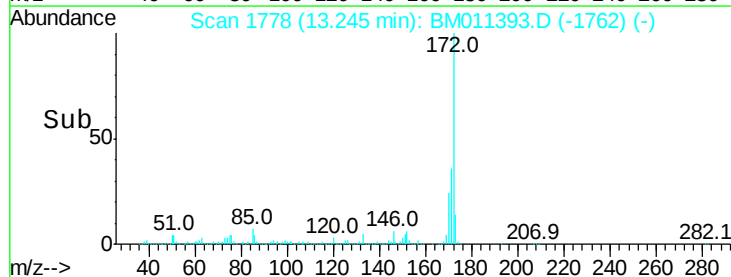
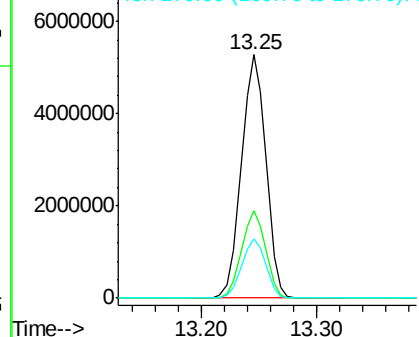


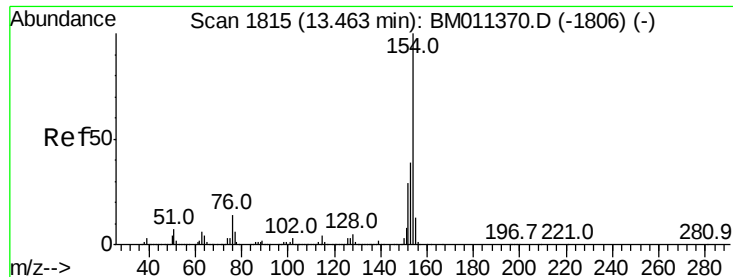
#44
2-Fluorobiphenyl
Concen: 91.003 ng
RT: 13.25 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BM011393.D
Acq: 01 Sep 2017 03:58

Tgt Ion:172 Resp: 7705670
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.4 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

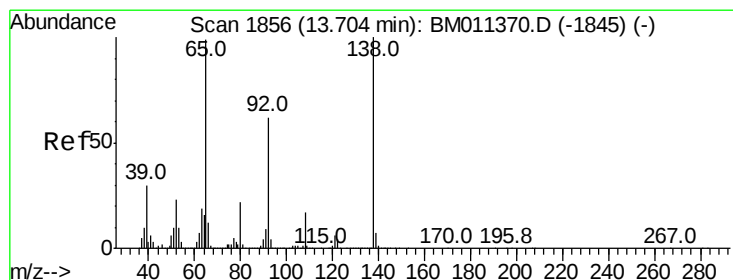
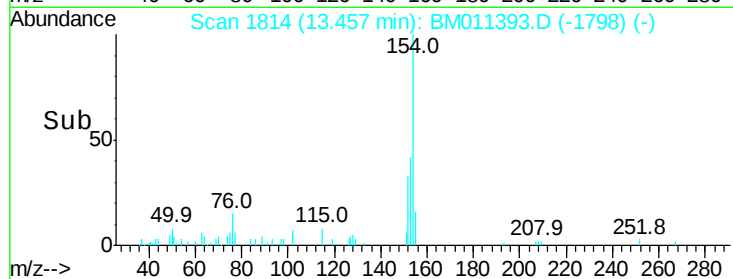
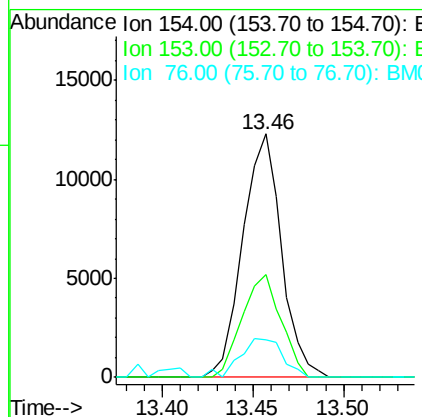
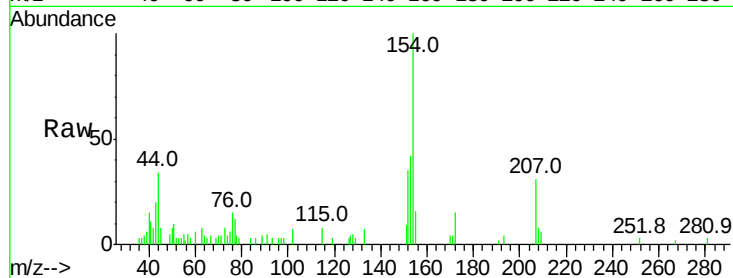




#45
 1,1'-Biphenyl
 Concen: 0.168 ng
 RT: 13.46 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BM011393.D
 Acq: 01 Sep 2017 03:58

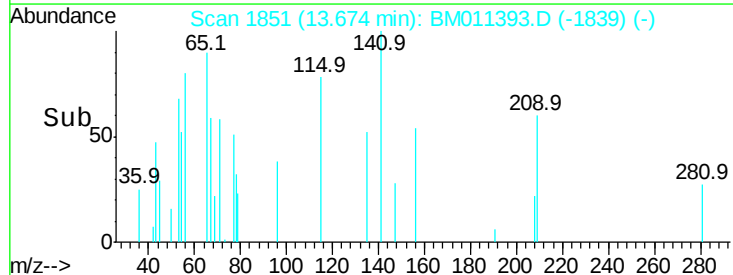
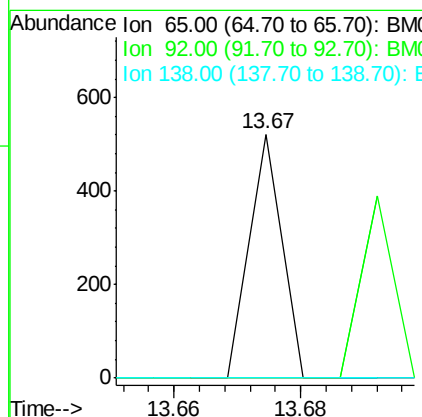
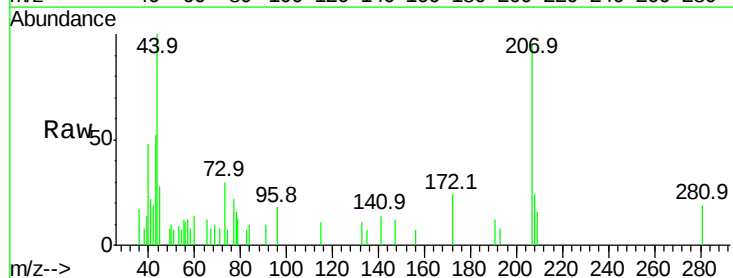
Instrument :
 BNA_M
 ClientSampleId :

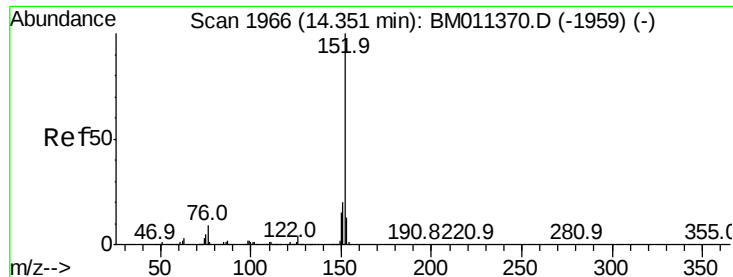
Tot Ion:	154	Resp:	18203
Ion	Ratio	Lower	Upper
154	100		
153	42.1	20.7	60.7
76	15.3	0.0	30.9



#47
 2-Nitroaniline
 Concen: 5.444 ng
 RT: 13.67 min Scan# 1851
 Delta R.T. -0.03 min
 Lab File: BM011393.D
 Acq: 01 Sep 2017 03:58

Tgt Ion:	65	Resp:	184
Ion	Ratio	Lower	Upper
65	100		
92	0.0	59.1	88.7#
138	0.0	93.9	140.9#





#48

Acenaphthylene

Concen: 0.120 ng

RT: 14.34 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM011393.D

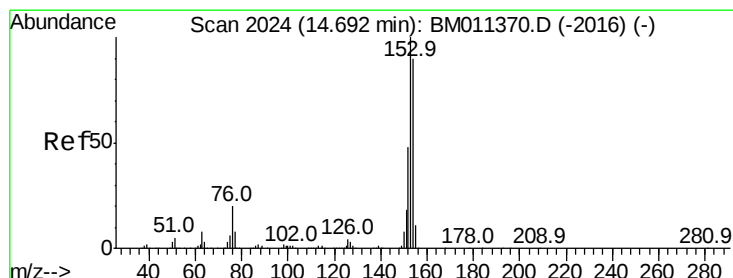
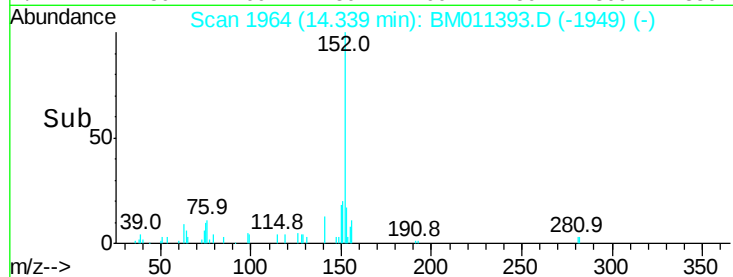
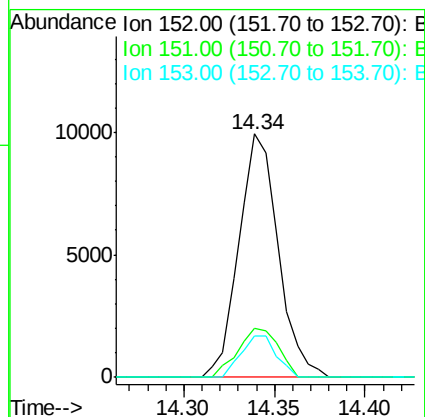
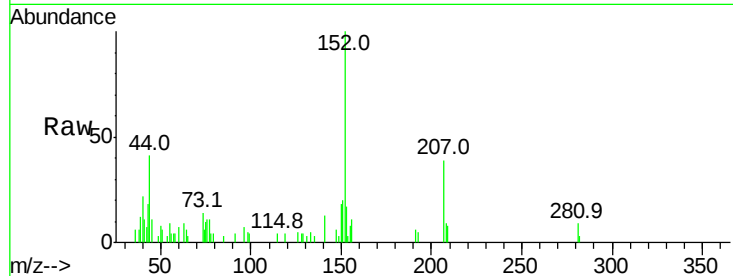
Acq: 01 Sep 2017 03:58

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	152	Resp:	15001
Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	17.0	10.6	16.0#



#51

Acenaphthene

Concen: 0.268 ng

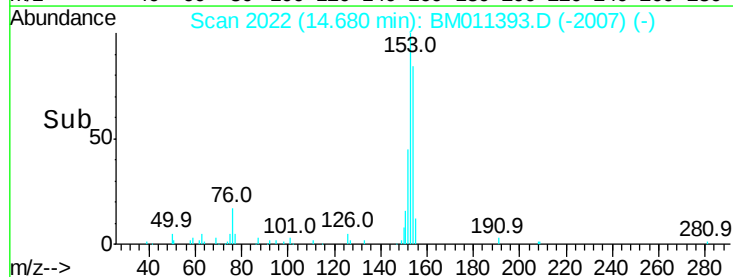
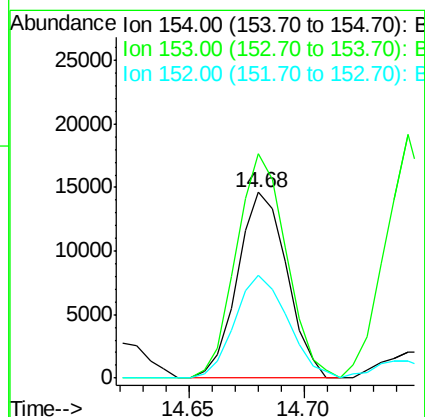
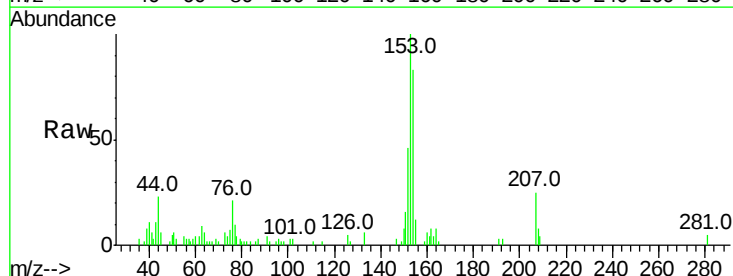
RT: 14.68 min Scan# 2022

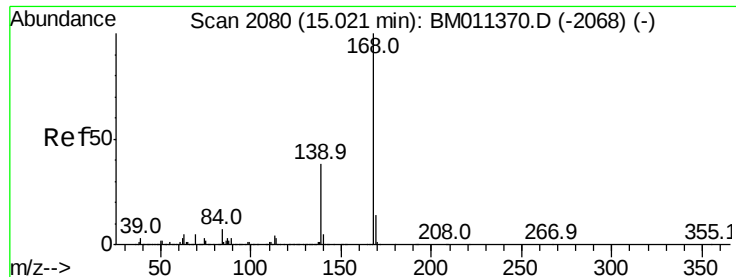
Delta R.T. -0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

Tgt Ion:	154	Resp:	21832
Ion	Ratio	Lower	Upper
154	100		
153	120.9	90.0	135.0
152	55.6	42.6	63.8





#54

Dibenzofuran

Concen: 0.346 ng

RT: 15.02 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

Instrument :

BNA_M

ClientSampleId :

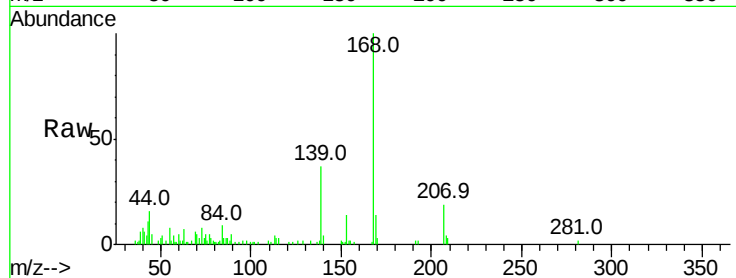
Tot Ion:168 Resp: 38822

Ion Ratio Lower Upper

168 100

139 37.1 27.3 40.9

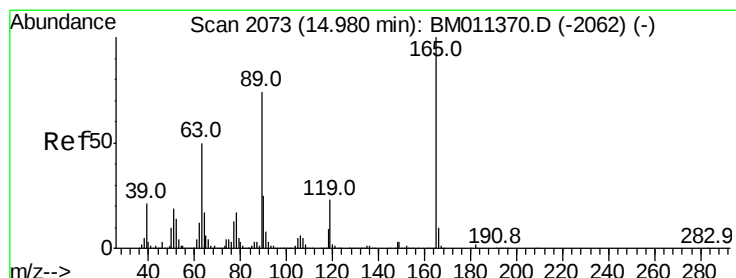
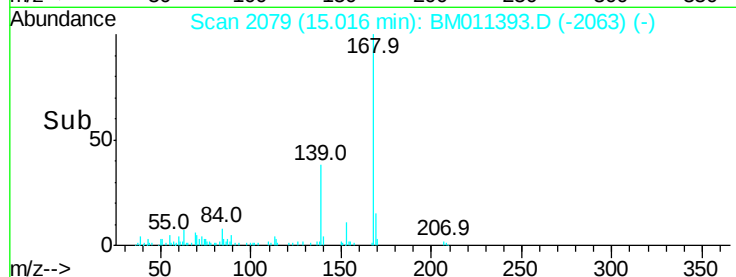
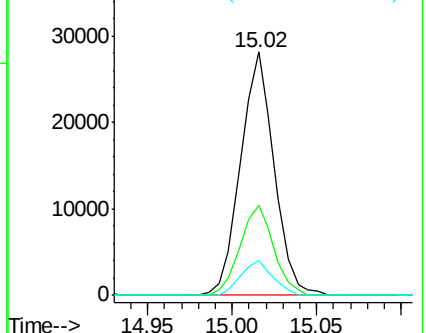
169 14.4 10.6 16.0



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



#56

2,4-Dinitrotoluene

Concen: 5.143 ng

RT: 14.97 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

Tgt Ion:165 Resp: 107

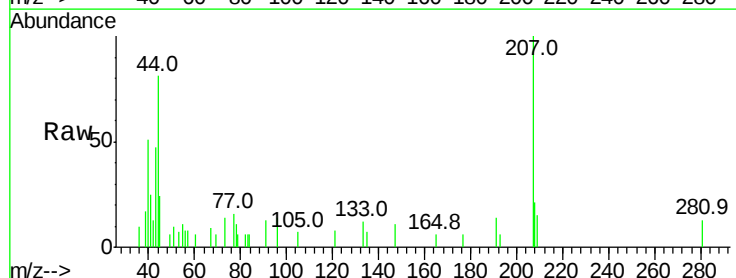
Ion Ratio Lower Upper

165 100

63 0.0 52.4 78.6#

89 0.0 72.4 108.6#

182 0.0 2.0 3.0#

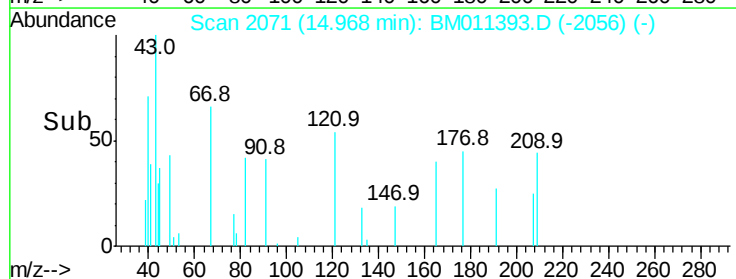
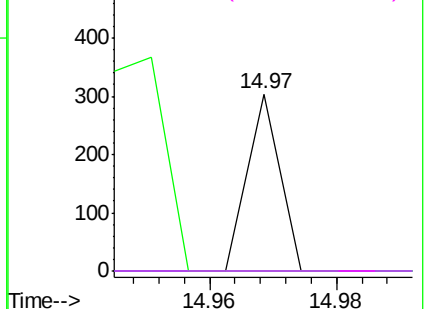


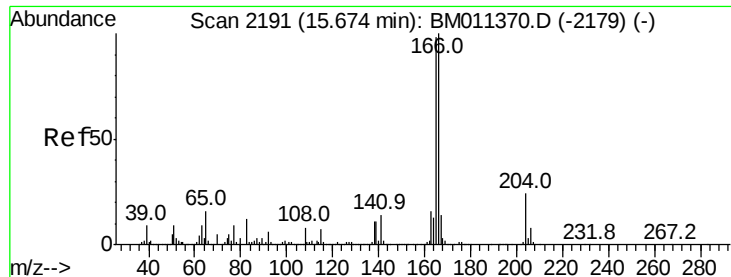
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 0.502 ng

RT: 15.66 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

Instrument :

BNA_M

ClientSampleId :

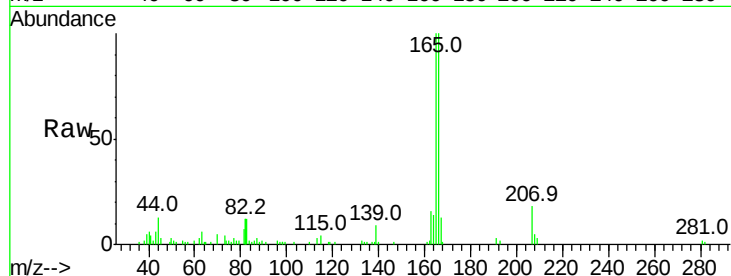
Tot Ion:166 Resp: 49109

Ion Ratio Lower Upper

166 100

165 100.4 79.0 118.4

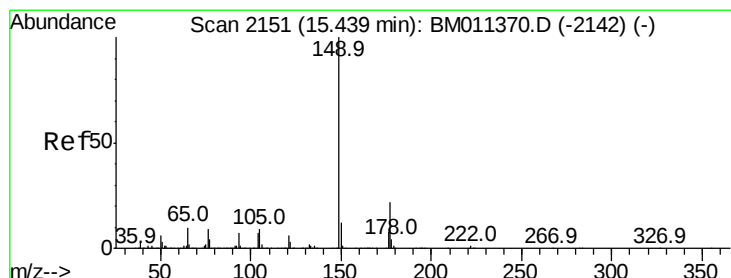
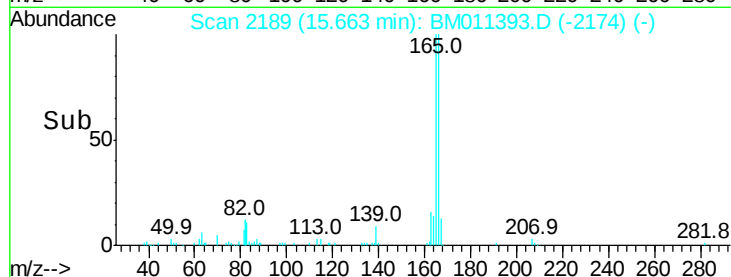
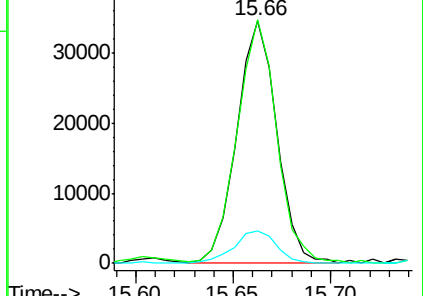
167 13.2 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.040 ng

RT: 15.42 min Scan# 2148

Delta R.T. -0.02 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

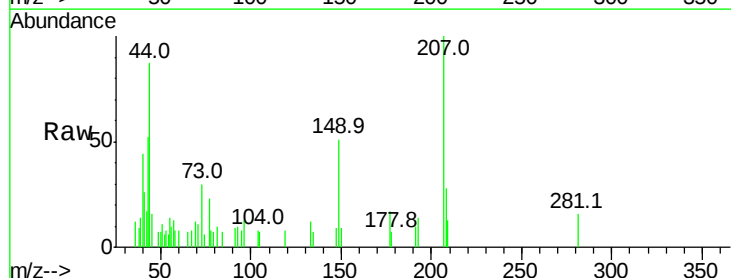
Tgt Ion:149 Resp: 4047

Ion Ratio Lower Upper

149 100

177 34.1 18.3 27.5#

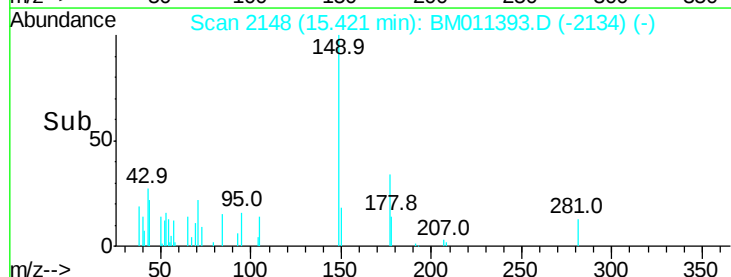
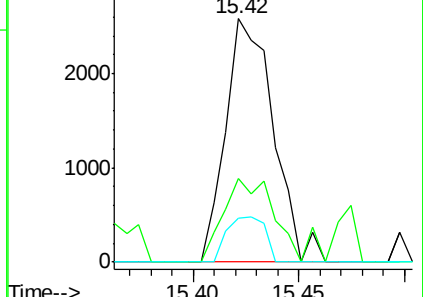
150 18.2 9.8 14.8#

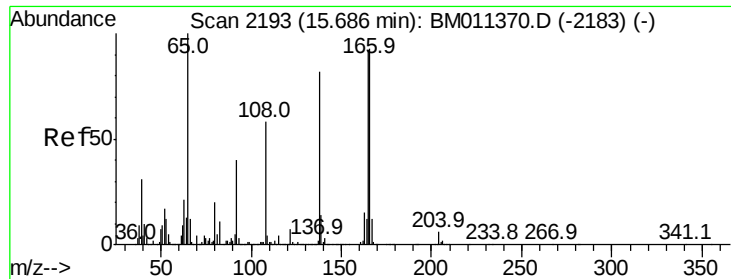


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

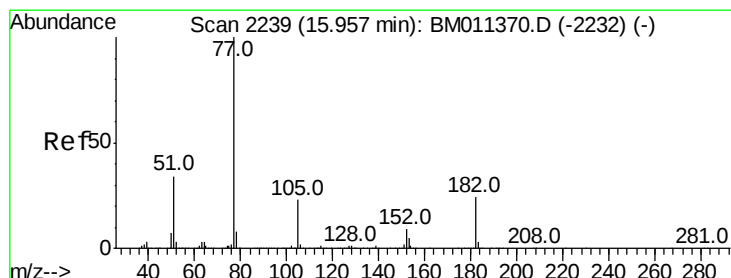
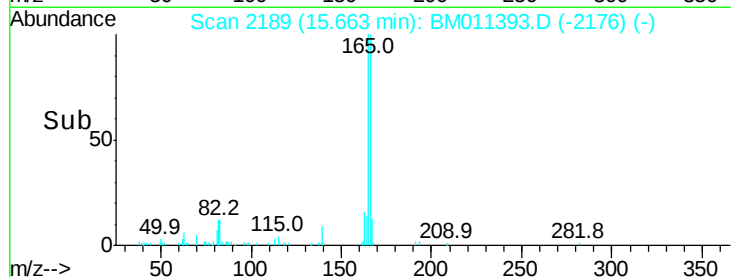
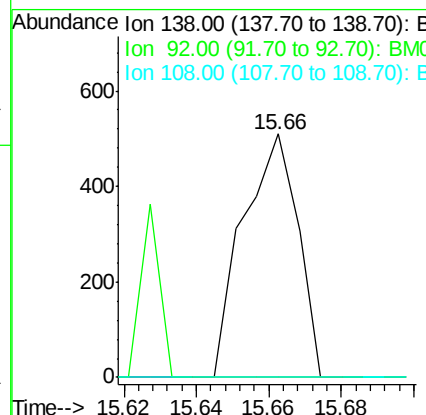
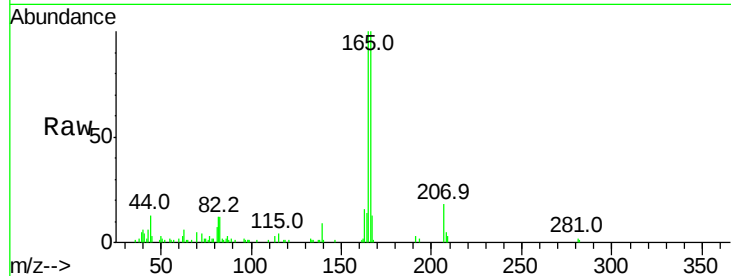




#61
4-Nitroaniline
Concen: 0.021 ng
RT: 15.66 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BM011393.D
Acq: 01 Sep 2017 03:58

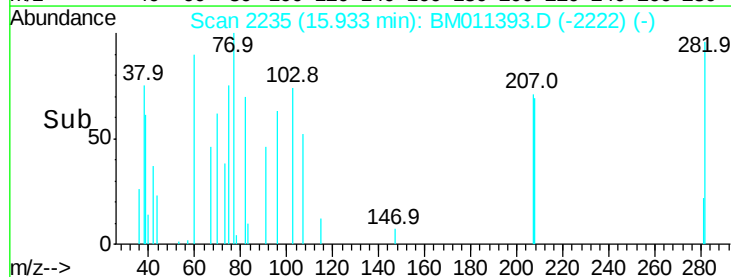
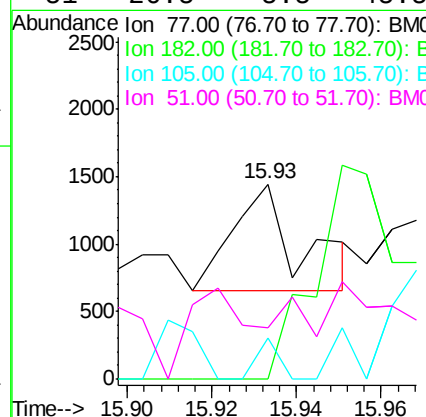
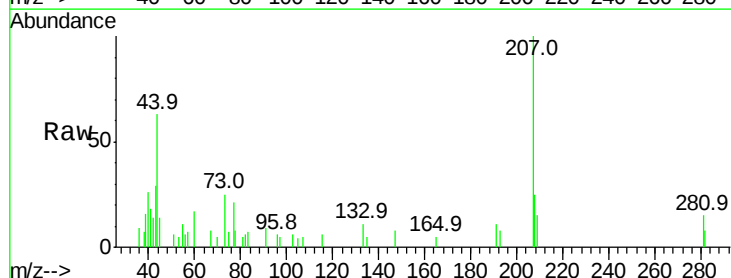
Instrument :
BNA_M
ClientSampleId :

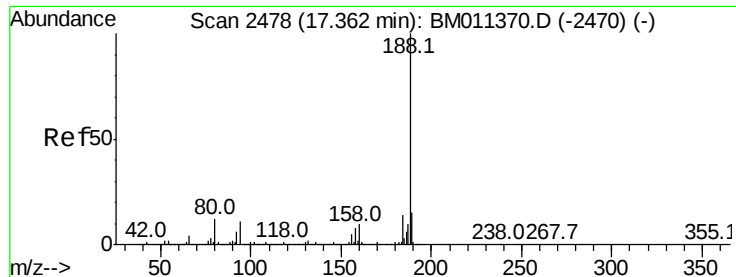
Tot Ion:138 Resp: 533
Ion Ratio Lower Upper
138 100
92 0.0 16.7 56.7#
108 0.0 37.6 77.6#



#62
Azobenzene
Concen: 0.010 ng
RT: 15.93 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BM011393.D
Acq: 01 Sep 2017 03:58

Tgt Ion: 77 Resp: 868
Ion Ratio Lower Upper
77 100
182 0.0 6.5 46.5#
105 20.8 3.8 43.8
51 26.5 5.5 45.5

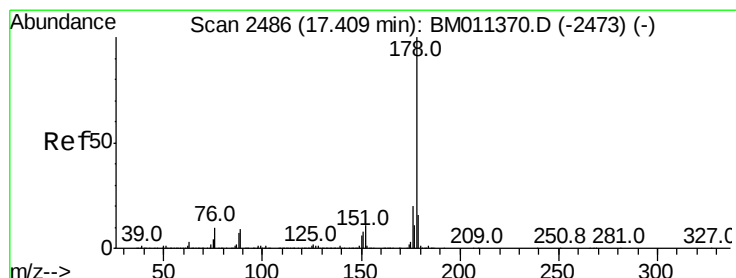
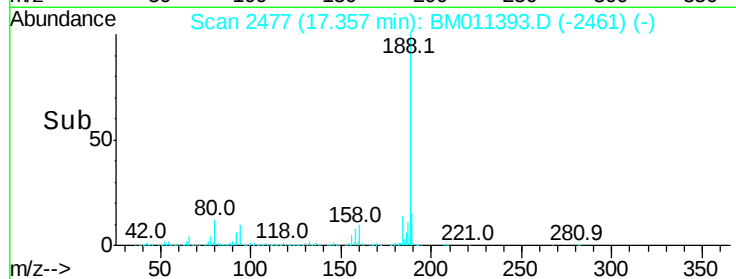
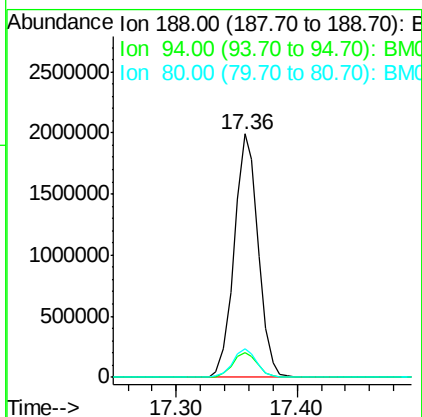
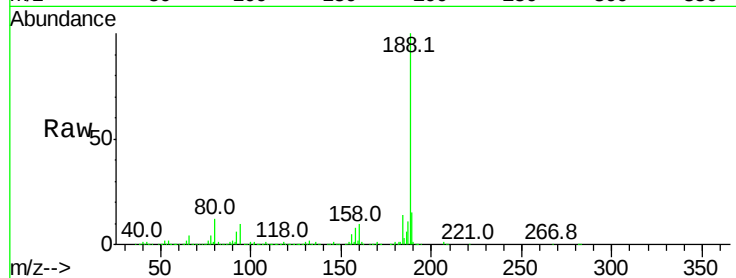




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM011393.D
Acq: 01 Sep 2017 03:58

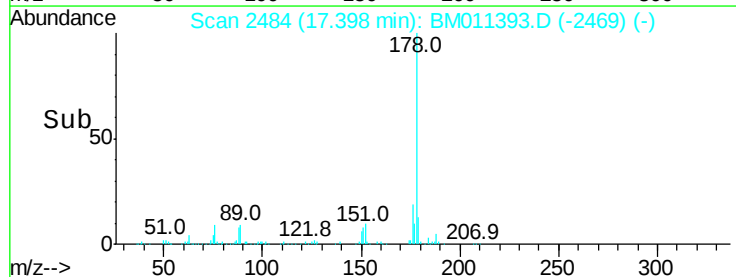
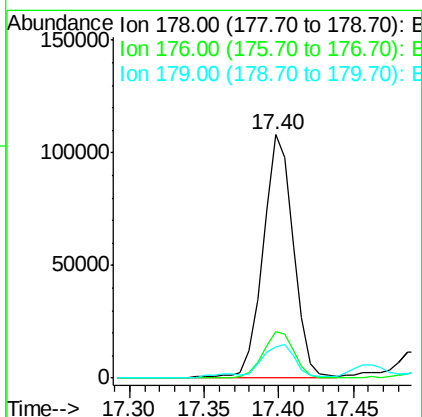
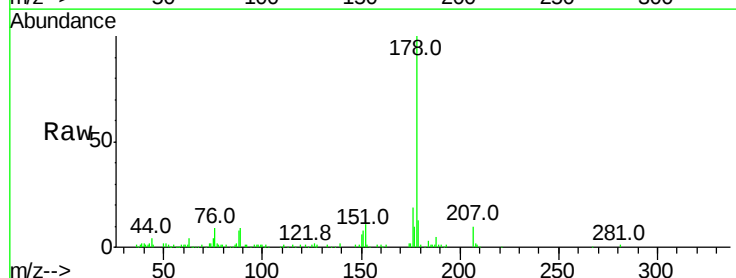
Instrument :
BNA_M
ClientSampleId :

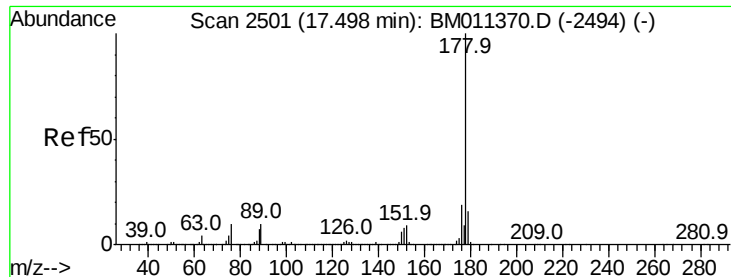
Tot Ion:188 Resp: 2749977
Ion Ratio Lower Upper
188 100
94 10.4 8.7 13.1
80 11.9 9.3 13.9



#70
Phenanthrene
Concen: 0.992 ng
RT: 17.40 min Scan# 2484
Delta R.T. -0.01 min
Lab File: BM011393.D
Acq: 01 Sep 2017 03:58

Tgt Ion:178 Resp: 151964
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 12.9 12.1 18.1

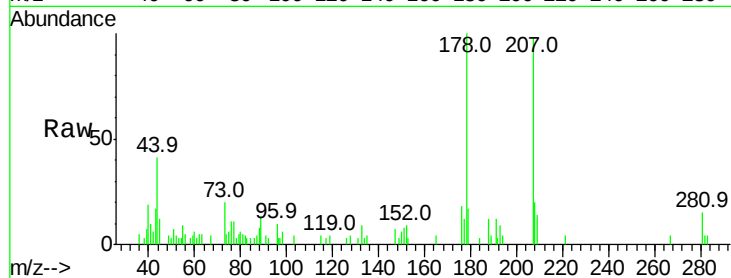




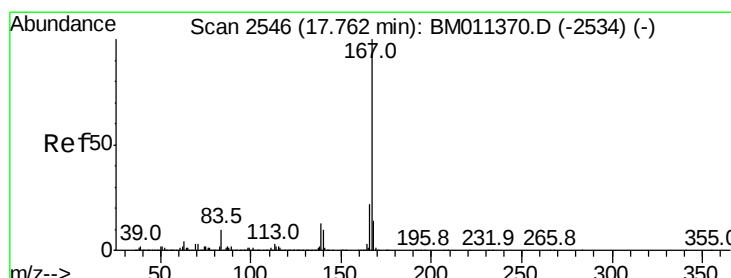
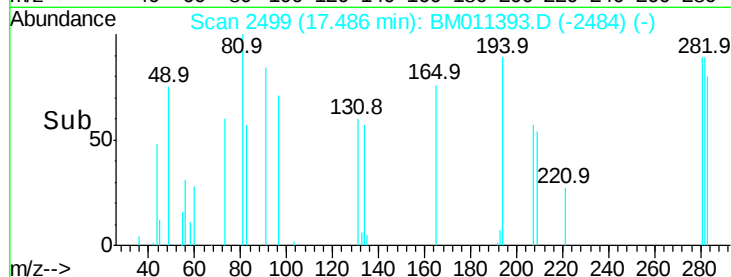
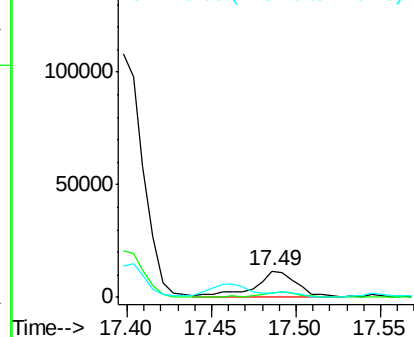
#71
 Anthracene
 Concen: 0.124 ng
 RT: 17.49 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BM011393.D
 Acq: 01 Sep 2017 03:58

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:178 Resp: 19044
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.6 22.0
 179 16.8 12.6 19.0

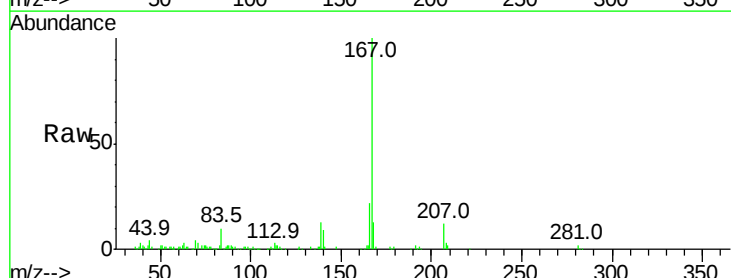


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

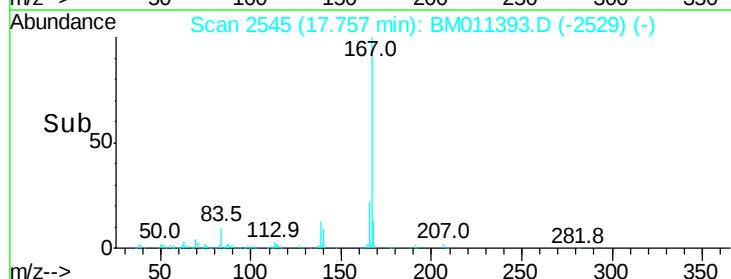
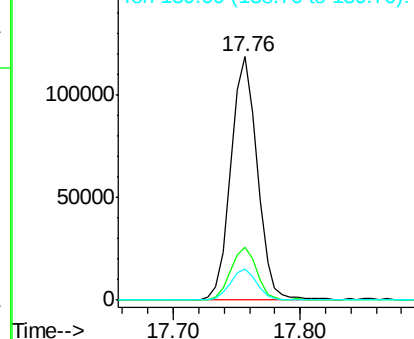


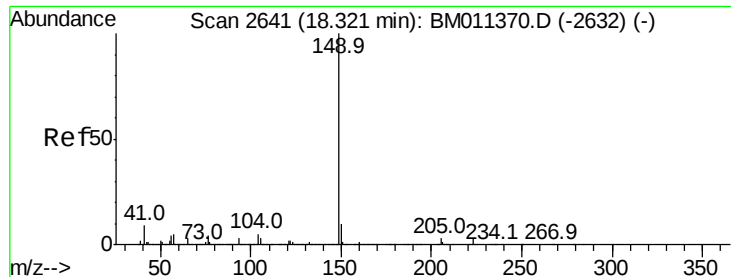
#72
 Carbazole
 Concen: 1.151 ng
 RT: 17.76 min Scan# 2545
 Delta R.T. -0.01 min
 Lab File: BM011393.D
 Acq: 01 Sep 2017 03:58

Tgt Ion:167 Resp: 170848
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.8 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

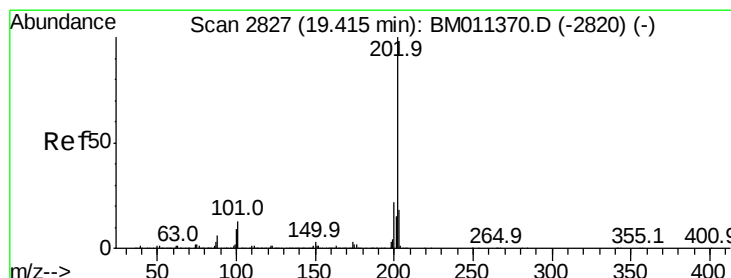
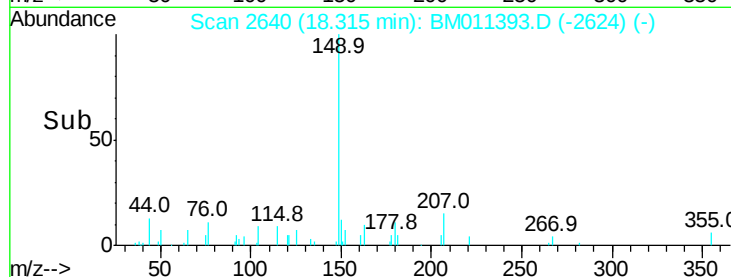
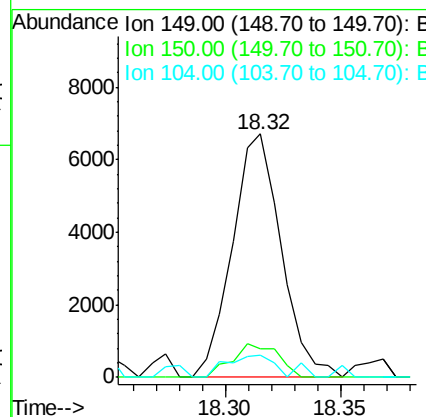
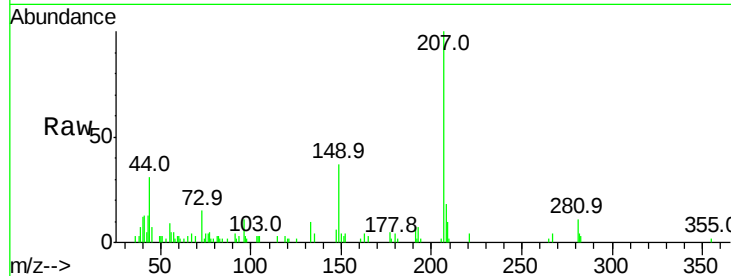




#73
Di-n-butylphthalate
Concen: 0.057 ng
RT: 18.32 min Scan# 2640
Delta R.T. -0.01 min
Lab File: BM011393.D
Acq: 01 Sep 2017 03:58

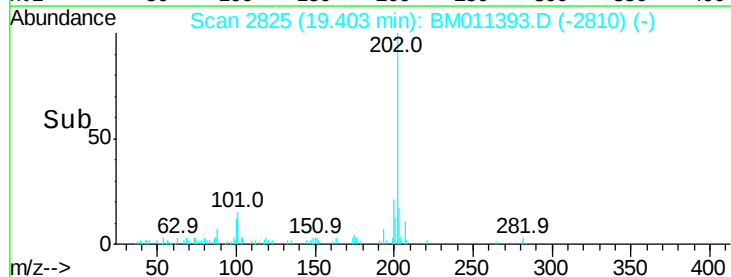
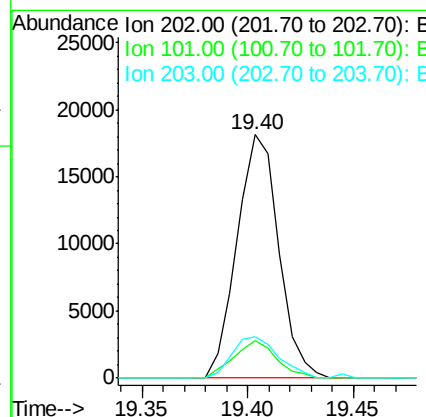
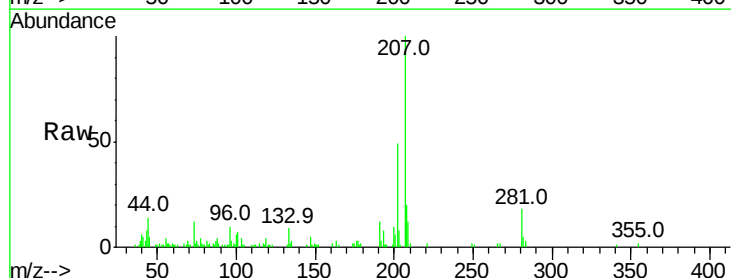
Instrument :
BNA_M
ClientSampled :

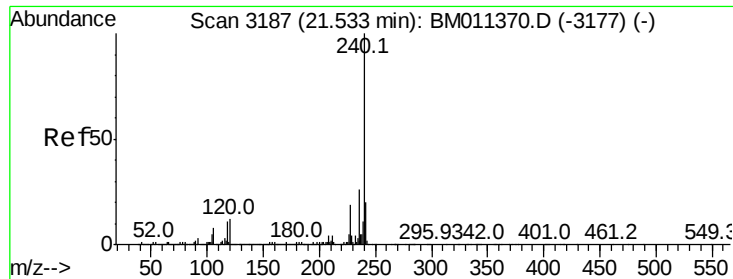
Tot Ion:149 Resp: 9911
Ion Ratio Lower Upper
149 100
150 11.5 7.5 11.3#
104 9.0 3.7 5.5#



#74
Fluoranthene
Concen: 0.142 ng
RT: 19.40 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BM011393.D
Acq: 01 Sep 2017 03:58

Tgt Ion:202 Resp: 24744
Ion Ratio Lower Upper
202 100
101 15.2 0.0 28.7
203 17.1 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

Instrument :

BNA_M

ClientSampleId :

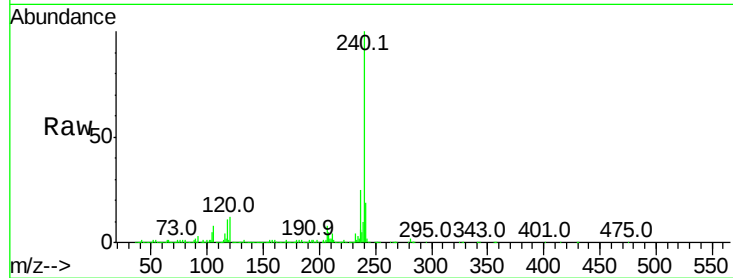
Tot Ion:240 Resp: 3222954

Ion Ratio Lower Upper

240 100

120 11.8 8.2 12.2

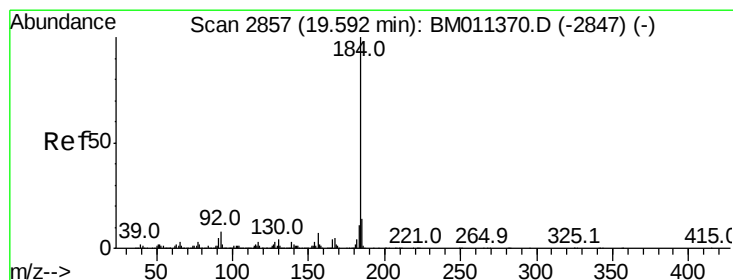
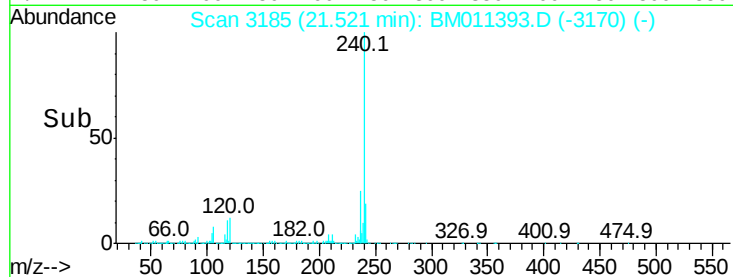
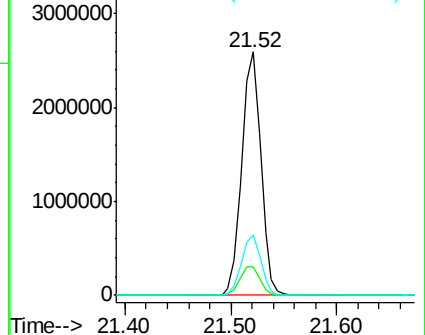
236 24.9 20.0 30.0



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: 0.002 ng

RT: 19.59 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

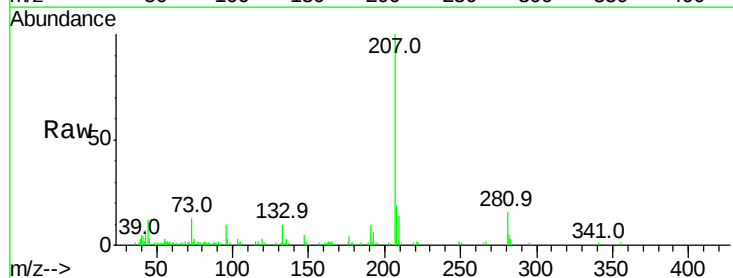
Tgt Ion:184 Resp: 107

Ion Ratio Lower Upper

184 100

185 0.0 11.3 16.9#

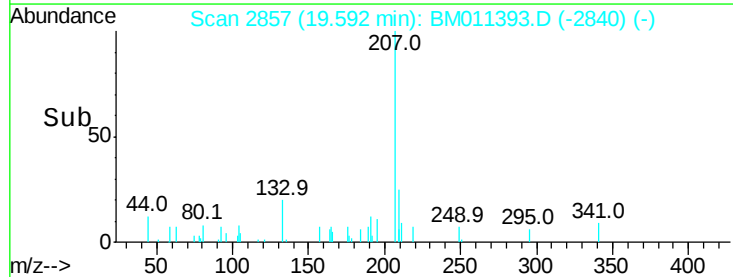
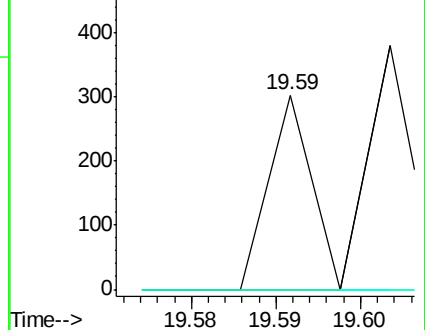
183 0.0 8.9 13.3#

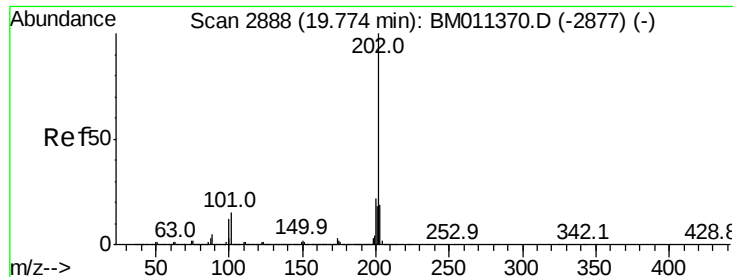


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.083 ng

RT: 19.77 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

Instrument :

BNA_M

ClientSampleId :

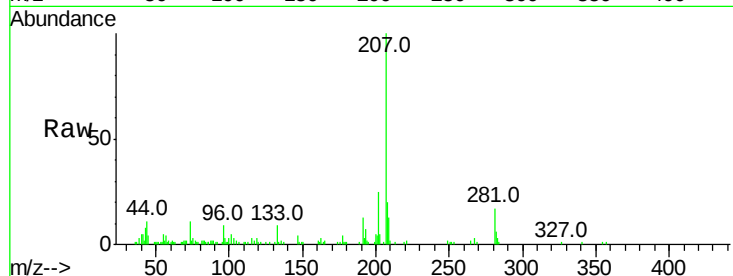
Tot Ion:202 Resp: 16478

Ion Ratio Lower Upper

202 100

200 18.7 16.9 25.3

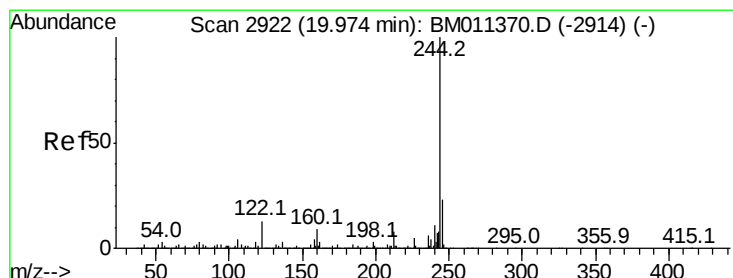
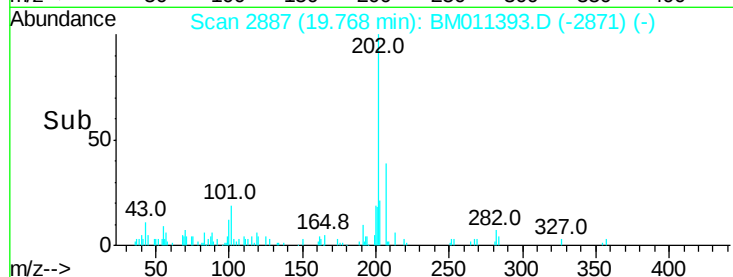
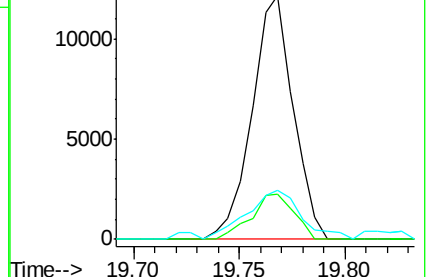
203 20.1 14.1 21.1



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: 82.262 ng

RT: 19.97 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

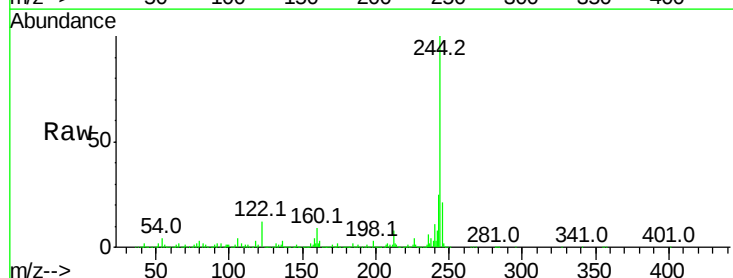
Tgt Ion:244 Resp:10685295

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

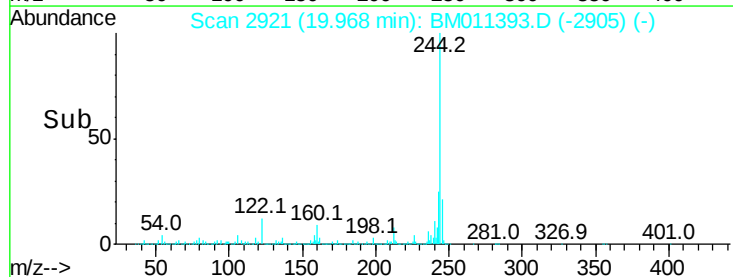
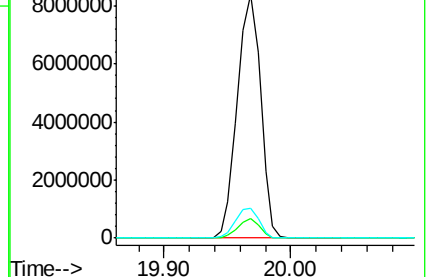
122 12.4 6.2 9.4#

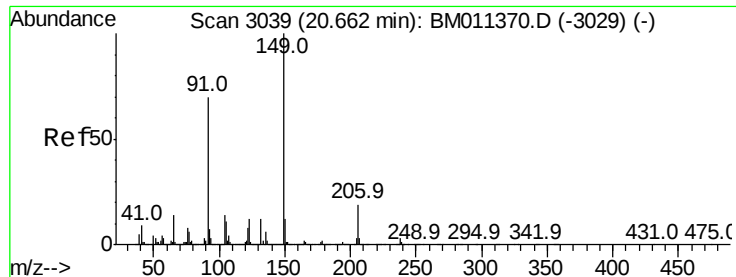


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

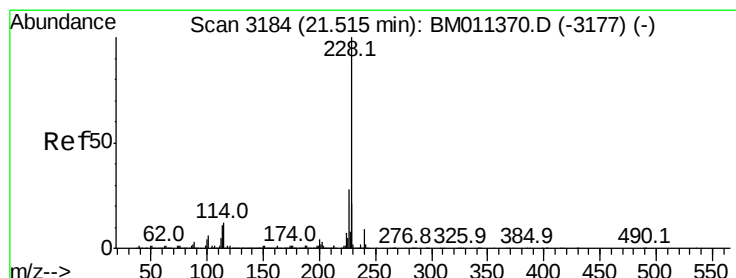
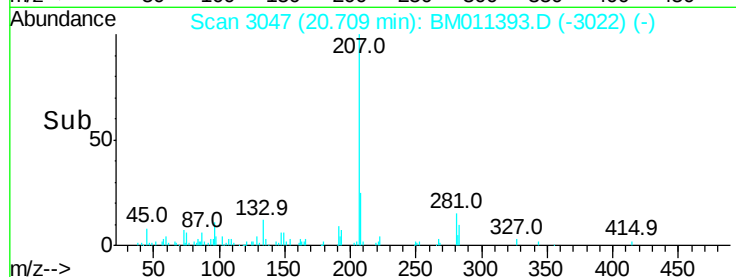
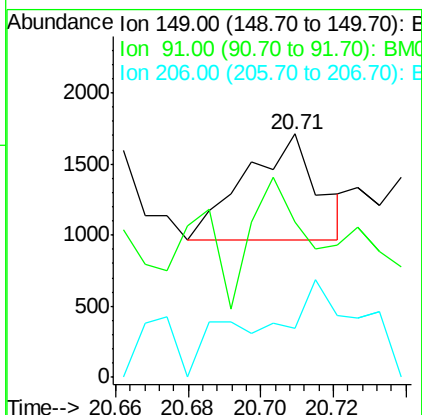
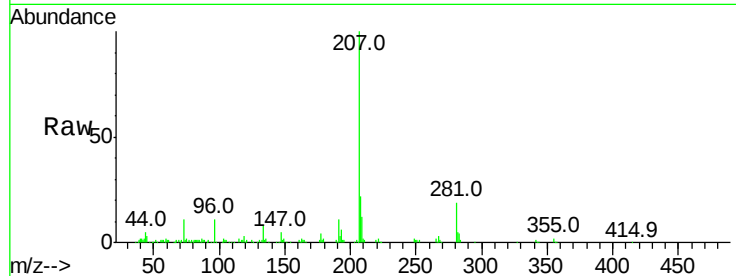




#79
Butylbenzylphthalate
Concen: 0.012 ng
RT: 20.71 min Scan# 3047
Delta R.T. 0.05 min
Lab File: BM011393.D
Acq: 01 Sep 2017 03:58

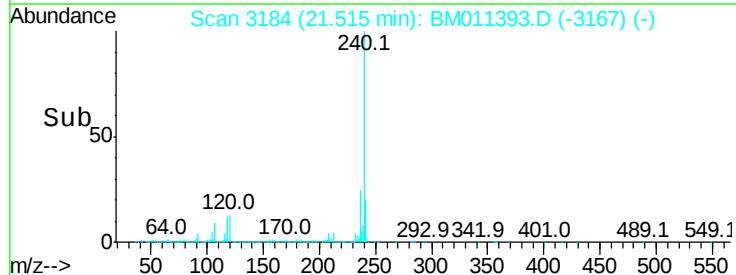
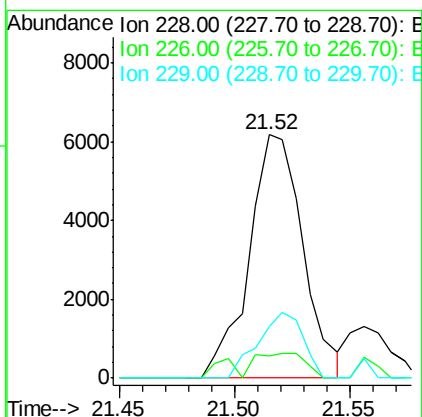
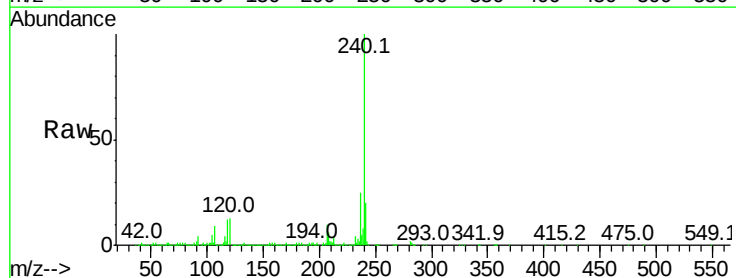
Instrument :
BNA_M
ClientSampled :

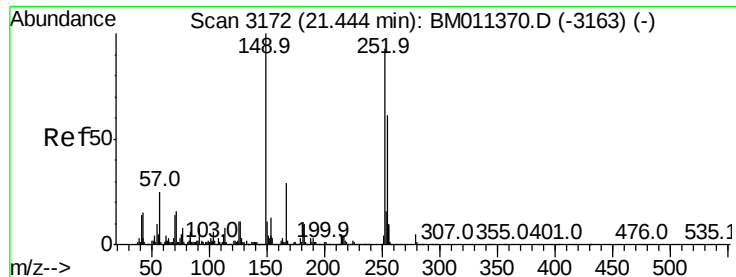
Tot Ion:149 Resp: 1047
Ion Ratio Lower Upper
149 100
91 63.6 50.1 75.1
206 20.0 16.2 24.2



#80
Benzo(a)anthracene
Concen: 0.056 ng
RT: 21.52 min Scan# 3184
Delta R.T. 0.00 min
Lab File: BM011393.D
Acq: 01 Sep 2017 03:58

Tgt Ion:228 Resp: 10031
Ion Ratio Lower Upper
228 100
226 9.2 21.7 32.5#
229 21.3 16.0 24.0

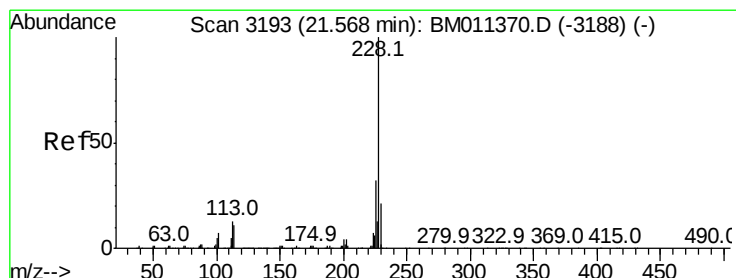
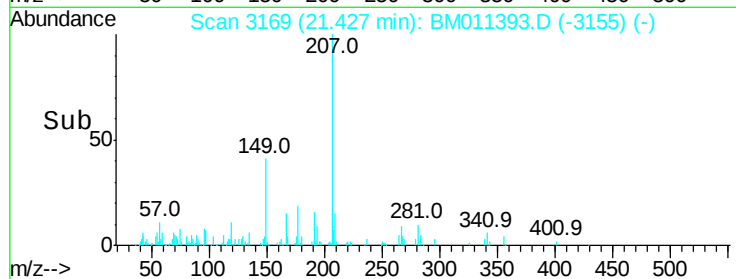
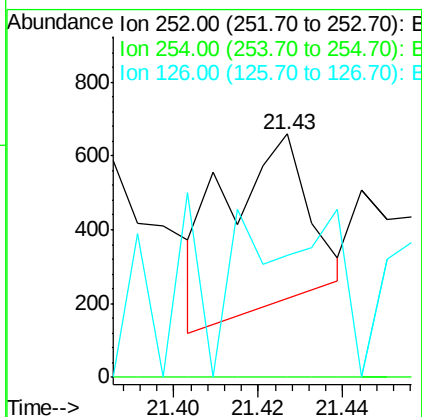
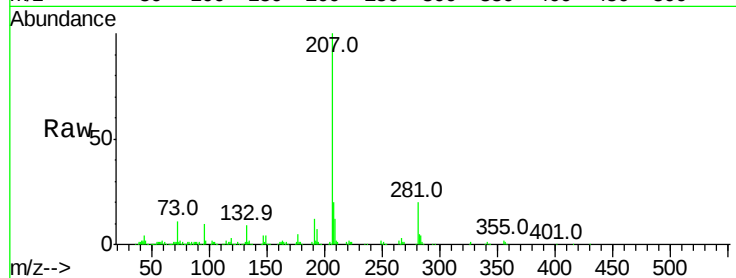




#81
 3,3'-Dichlorobenzidine
 Concen: 0.009 ng
 RT: 21.43 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BM011393.D
 Acq: 01 Sep 2017 03:58

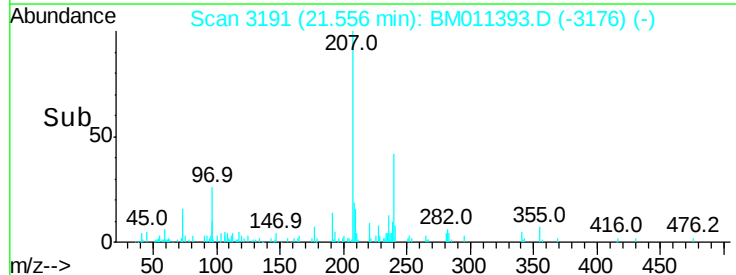
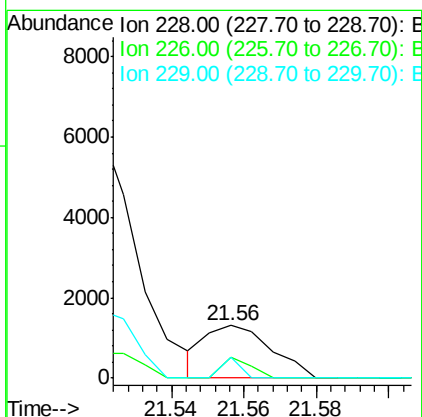
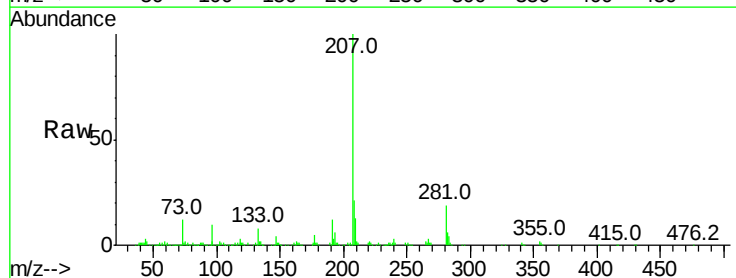
Instrument :
 BNA_M
 ClientSampleId :

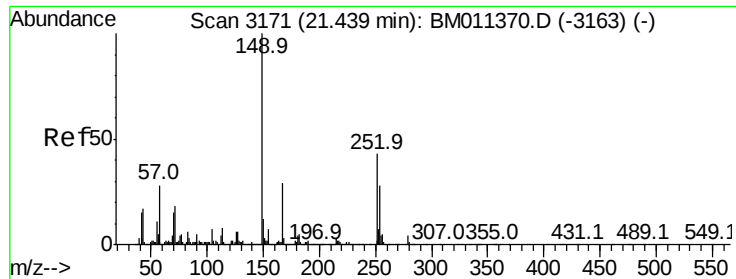
Tot Ion:252 Resp: 639
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.9 77.9#
 126 50.3 9.8 14.8#



#82
 Chrysene
 Concen: 0.010 ng
 RT: 21.56 min Scan# 3191
 Delta R.T. -0.01 min
 Lab File: BM011393.D
 Acq: 01 Sep 2017 03:58

Tgt Ion:228 Resp: 1650
 Ion Ratio Lower Upper
 228 100
 226 41.1 24.1 36.1#
 229 38.7 15.5 23.3#





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.050 ng

RT: 21.43 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

Instrument :

BNA_M

ClientSampleId :

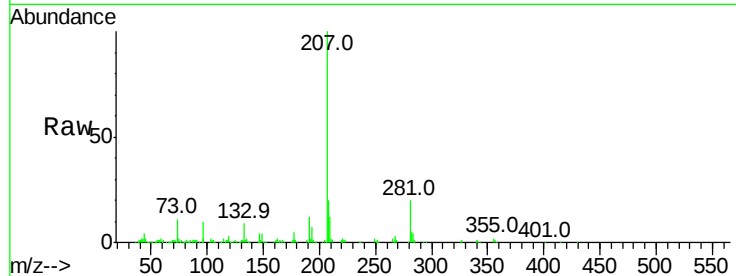
Tot Ion:149 Resp: 6425

Ion Ratio Lower Upper

149 100

167 26.8 22.4 33.6

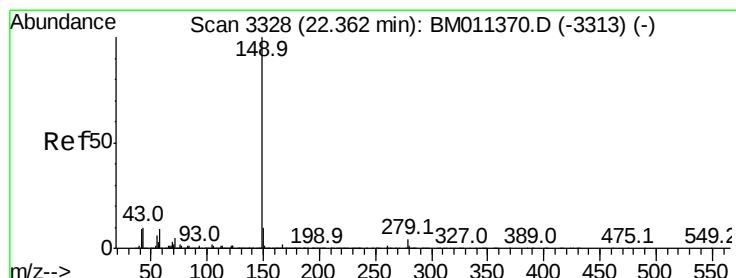
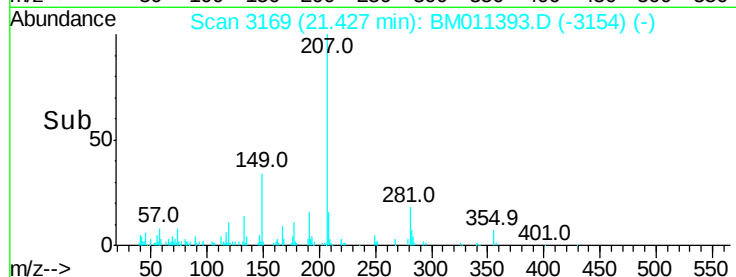
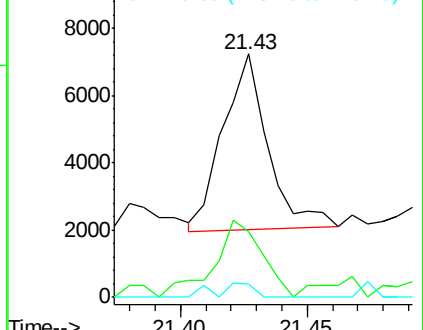
279 5.6 3.4 5.0#



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: 0.004 ng

RT: 22.36 min Scan# 3328

Delta R.T. 0.00 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

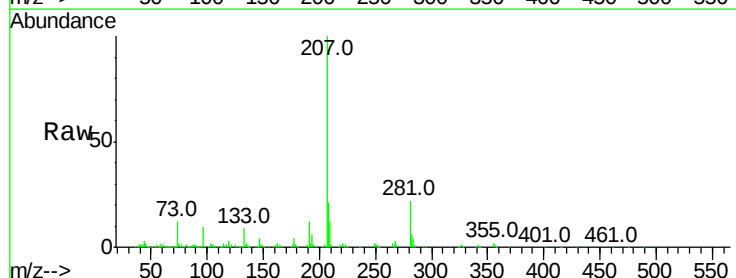
Tgt Ion:149 Resp: 894

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

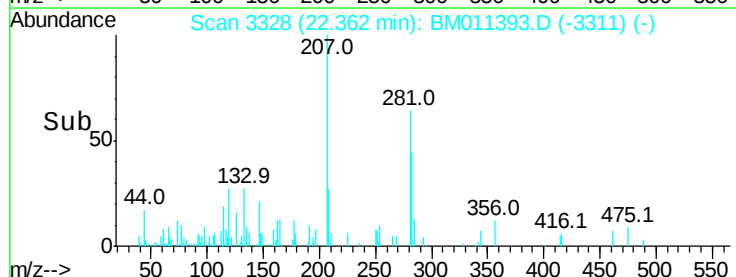
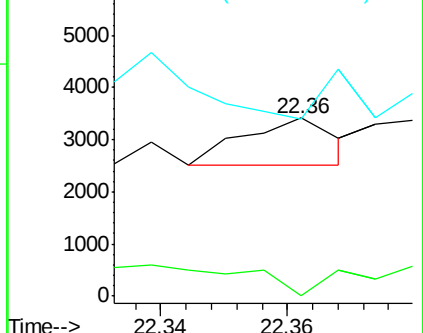
43 38.5 7.3 10.9#

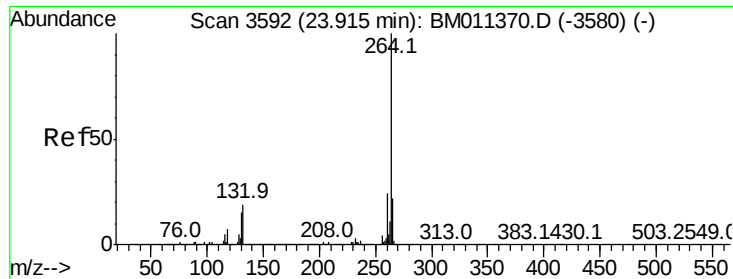


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.90 min Scan# 3590

Delta R.T. -0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

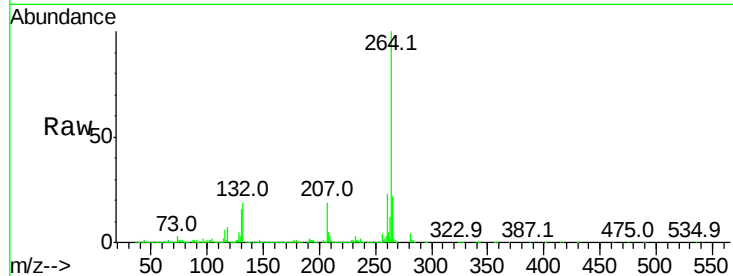
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 3025457

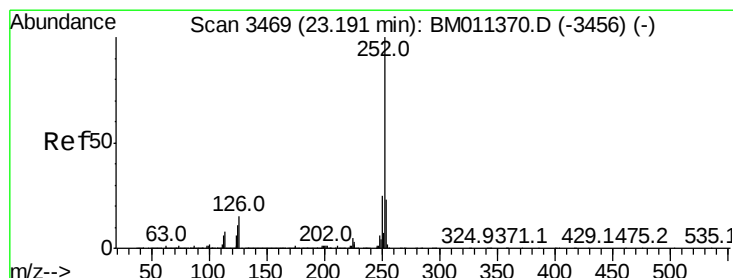
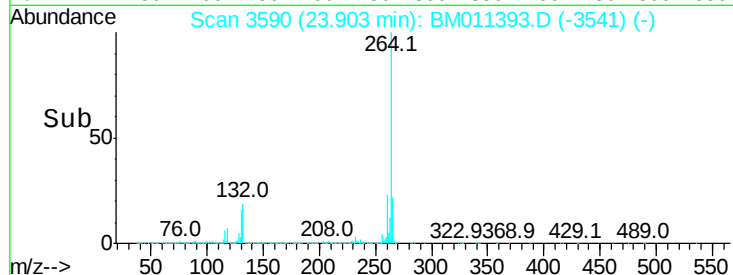
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	22.1	17.3	25.9



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: 0.013 ng

RT: 23.17 min Scan# 3466

Delta R.T. -0.02 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

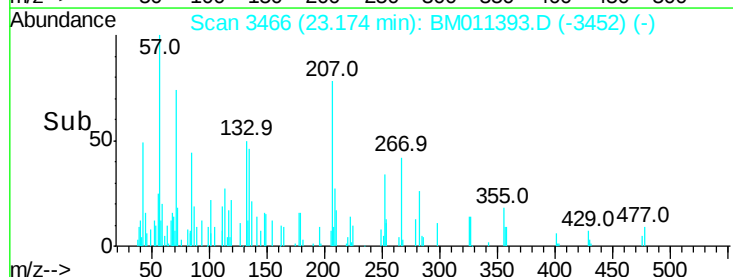
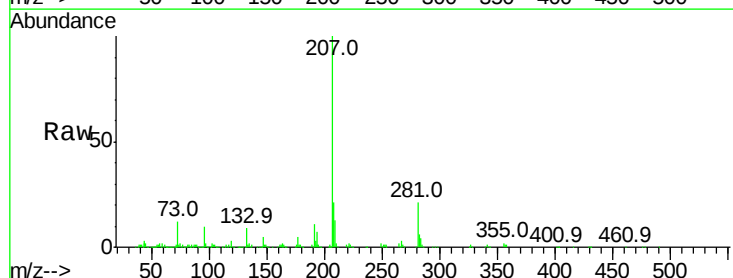
Tgt Ion:252 Resp: 2389

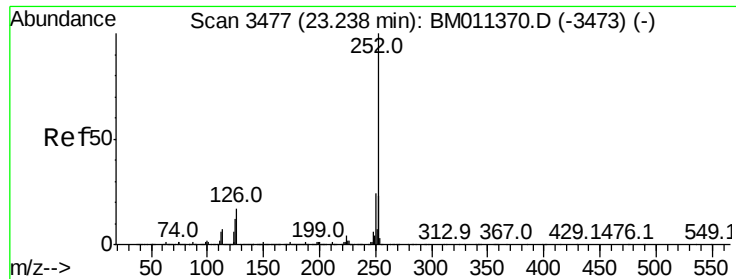
Ion	Ratio	Lower	Upper
252	100		
253	80.1	18.0	27.0#
125	73.3	9.9	14.9#

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

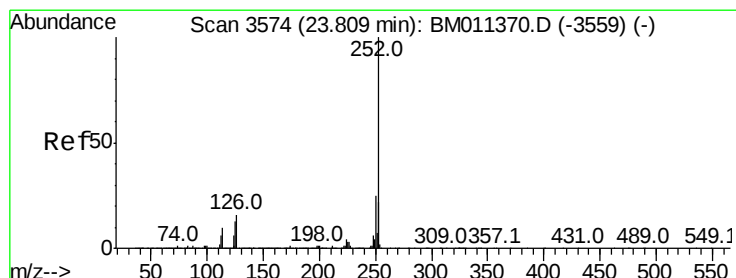
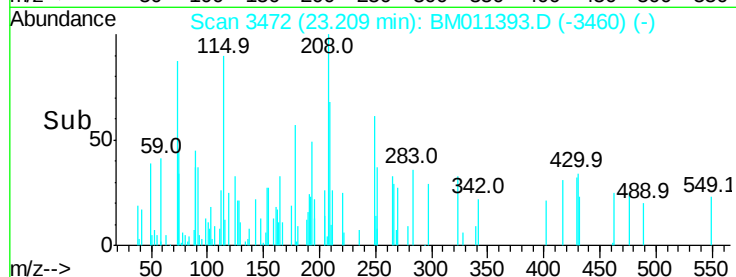
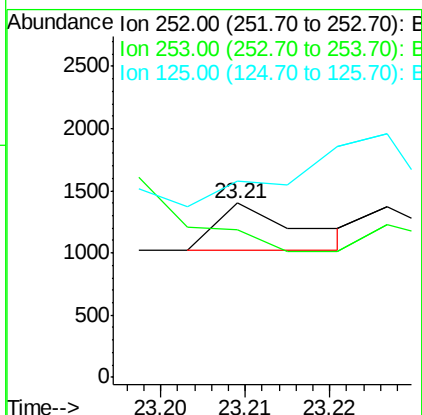
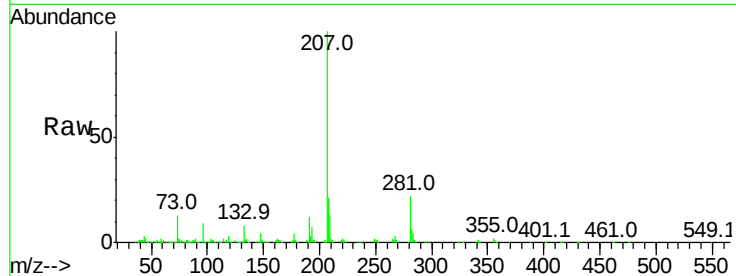




#88
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 23.21 min Scan# 3472
Delta R.T. -0.03 min
Lab File: BM011393.D
Acq: 01 Sep 2017 03:58

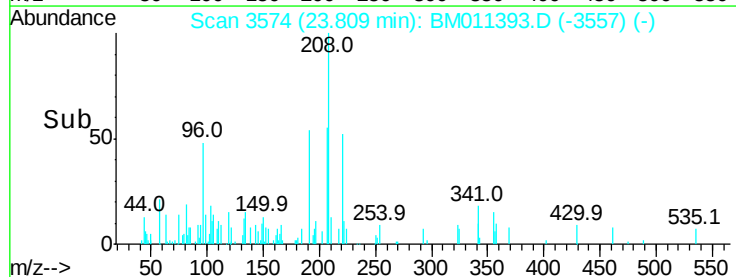
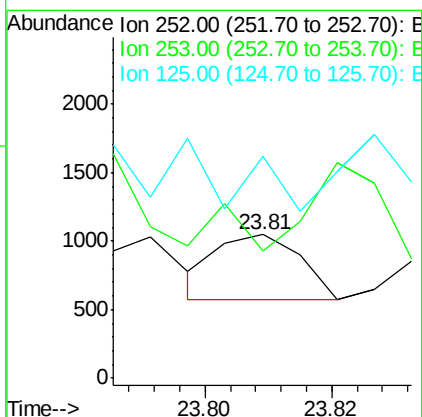
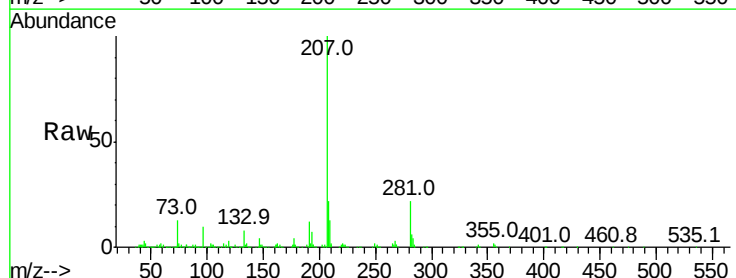
Instrument :
BNA_M
ClientSampled :

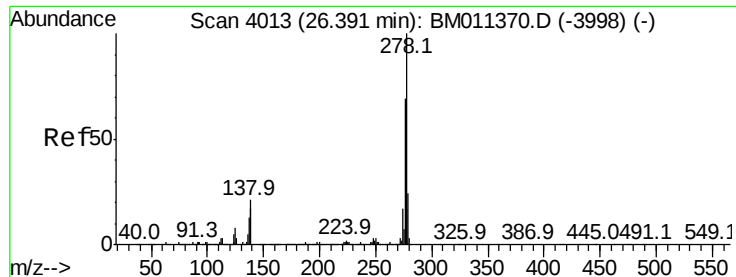
Tot Ion:252 Resp: 262
Ion Ratio Lower Upper
252 100
253 84.7 17.2 25.8#
125 112.5 8.1 12.1#



#89
Benzo(a)pyrene
Concen: 0.003 ng
RT: 23.81 min Scan# 3574
Delta R.T. 0.00 min
Lab File: BM011393.D
Acq: 01 Sep 2017 03:58

Tgt Ion:252 Resp: 421
Ion Ratio Lower Upper
252 100
253 88.5 17.6 26.4#
125 154.8 7.4 11.2#





#90

Dibenzo(a,h)anthracene

Concen: 0.001 ng

RT: 26.40 min Scan# 4014

Delta R.T. 0.01 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

Instrument :

BNA_M

ClientSampleId :

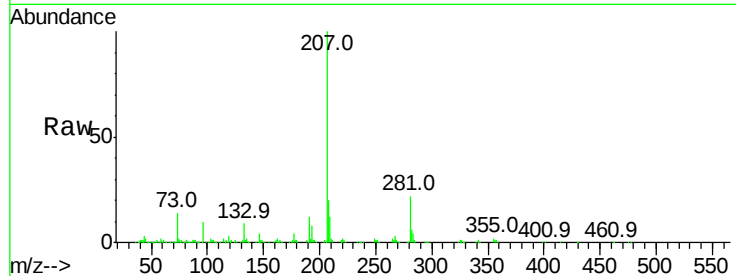
Tot Ion:278 Resp: 155

Ion Ratio Lower Upper

278 100

139 0.0 13.4 20.0#

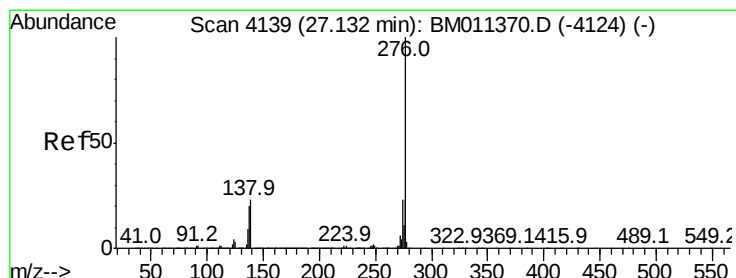
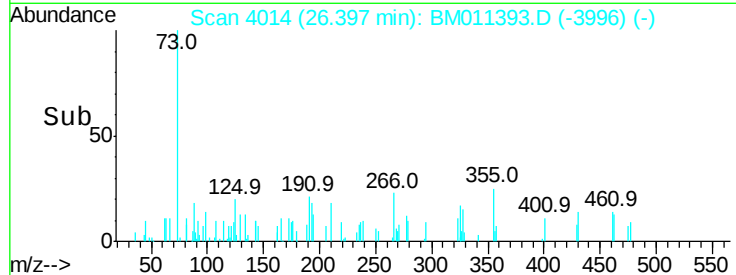
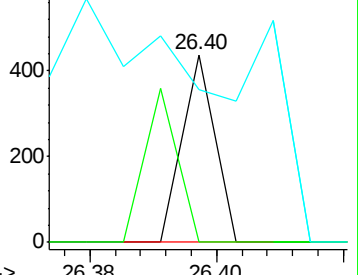
279 81.5 19.0 28.4#



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



#91

Benzo(g,h,i)perylene

Concen: 0.002 ng

RT: 27.10 min Scan# 4134

Delta R.T. -0.03 min

Lab File: BM011393.D

Acq: 01 Sep 2017 03:58

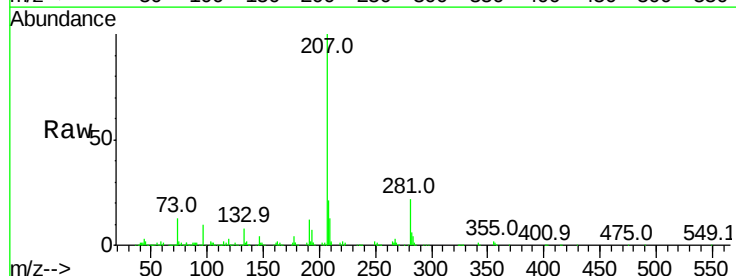
Tgt Ion:276 Resp: 281

Ion Ratio Lower Upper

276 100

277 0.0 18.5 27.7#

138 84.1 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

