

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011399.D
 Acq On : 01 Sep 2017 07:48
 Operator : SJ/JU
 Sample : I5023-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 01 08:22:56 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	442235	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	1927214	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	559286	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	2389223	20.00	ng	0.00
75) Chrysene-d12	21.52	240	1592462	20.00	ng	-0.01
86) Perylene-d12	23.90	264	17285	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	3711367	141.27	ng	0.00
7) Phenol-d6	7.14	99	3309976	90.86	ng	0.00
23) Nitrobenzene-d5	9.15	82	2871274	98.18	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	2006560	310.10	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	7210751	185.85	ng	0.00
78) Terphenyl-d14	19.97	244	9789102	152.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	350198	31.982	ng	# 100
3) Pyridine	3.90	79	201393	6.006	ng	90
4) n-Nitrosodimethylamine	3.75	42	514533	30.051	ng	# 71
6) Aniline	7.33	93	119816	2.422	ng	95
8) 2-Chlorophenol	7.55	128	1265537	40.860	ng	91
9) Benzaldehyde	7.12	77	390333	18.433	ng	100
10) Phenol	7.16	94	1247025	31.137	ng	# 75
11) bis(2-Chloroethyl)ether	7.40	93	1228285	38.372	ng	85
12) 1,3-Dichlorobenzene	7.87	146	1162980	32.975	ng	97
13) 1,4-Dichlorobenzene	8.02	146	1213321	33.828	ng	97
14) 1,2-Dichlorobenzene	8.35	146	1181726	34.040	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	1969186	36.788	ng	94
17) 2-Methylphenol	8.42	107	782078	30.497	ng	98
18) Hexachloroethane	9.07	117	407898	33.220	ng	94
19) n-Nitroso-di-n-propylamine	8.79	70	1125292	42.069	ng	# 89
20) 3+4-Methylphenols	8.75	107	1026755	28.857	ng	96
22) Acetophenone	8.81	105	1971981	41.179	ng	# 92
24) Nitrobenzene	9.19	77	1398319	43.392	ng	93
25) Isophorone	9.72	82	3173426	48.428	ng	94
26) 2-Nitrophenol	9.90	139	577077	42.070	ng	# 86
27) 2,4-Dimethylphenol	9.96	122	932224	30.510	ng	97
28) bis(2-Chloroethoxy)methane	10.20	93	167526	3.746	ng	99
29) 2,4-Dichlorophenol	10.43	162	1256381	43.950	ng	99
30) 1,2,4-Trichlorobenzene	10.66	180	1148888	36.305	ng	99
31) Naphthalene	10.85	128	3949792	37.960	ng	100
32) Benzoic acid	10.07	122	720350	36.542	ng	100
33) 4-Chloroaniline	10.96	127	297700	6.540	ng	# 89
34) Hexachlorobutadiene	11.13	225	621264	34.455	ng	98
35) Caprolactam	11.73	113	464525	45.121	ng	# 67
36) 4-Chloro-3-methylphenol	12.06	107	1223537	36.441	ng	92
37) 2-Methylnaphthalene	12.45	142	2927610	40.424	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.82	216	1264807	75.149	ng	# 100
40) Hexachlorocyclopentadiene	12.79	237	1533844	198.798	ng	98
42) 2,4,6-Trichlorophenol	13.05	196	945454	84.861	ng	99

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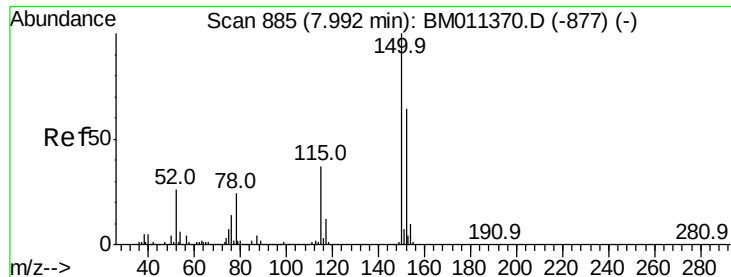
Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 01 08:22:56 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)

43) 2,4,5-Trichlorophenol	13.12	196	1033202	91.313	nq	# 90
45) 1,1'-Biphenyl	13.46	154	3735316	75.230	nq	97
46) 2-Chloronaphthalene	13.50	162	2853903	77.375	nq	95
47) 2-Nitroaniline	13.69	65	438073	38.630	nq	# 78
48) Acenaphthylene	14.34	152	945954	16.460	nq	100
49) Dimethylphthalate	14.07	163	3662861	82.421	nq	99
50) 2,6-Dinitrotoluene	14.19	165	789231	93.792	nq	# 91
51) Acenaphthene	14.68	154	1672296	44.812	nq	100
52) 3-Nitroaniline	14.52	138	479836	43.901	nq	# 83
53) 2,4-Dinitrophenol	14.72	184	767133	144.558	nq	90
54) Dibenzofuran	15.02	168	4513820	87.718	nq	96
55) 4-Nitrophenol	14.82	139	1521373	178.859	nq	# 47
56) 2,4-Dinitrotoluene	14.97	165	1103936	88.080	nq	# 80
57) Fluorene	15.66	166	3567928	79.531	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.23	232	927084	101.255	nq	# 100
59) Diethylphthalate	15.43	149	3674499	80.250	nq	97
60) 4-Chlorophenyl-phenylether	15.66	204	1732086	82.773	nq	96
61) 4-Nitroaniline	15.67	138	466777	41.083	nq	87
62) Azobenzene	15.94	77	1264151	30.634	nq	91
64) 4,6-Dinitro-2-methylphenol	15.73	198	503404	52.244	nq	90
65) n-Nitrosodiphenylamine	15.87	169	361326	4.799	nq	98
66) 4-Bromophenyl-phenylether	16.55	248	1083580	43.117	nq	# 92
67) Hexachlorobenzene	16.66	284	1200662	40.711	nq	# 90
69) Pentachlorophenol	17.00	266	1576419	97.365	nq	98
70) Phenanthrene	17.40	178	5883694	44.219	nq	98
71) Anthracene	17.49	178	4830298	36.102	nq	98
73) Di-n-butylphthalate	18.32	149	6417623	42.841	nq	100
74) Fluoranthene	19.40	202	5105532	33.628	nq	95
77) Pvrene	19.77	202	2712373	27.795	nq	99
79) Butylbenzylphthalate	20.65	149	267033	6.194	nq	91
80) Benzo(a)anthracene	21.50	228	4032053	45.270	nq	98
82) Chrysene	21.56	228	4996059	59.513	nq	98
83) Bis(2-ethylhexyl)phthalate	21.43	149	4627349	73.216	nq	99
84) Di-n-octyl phthalate	22.34	149	7740691	72.655	nq	96
85) Indeno(1,2,3-cd)pvrene	26.35	276	1567012	20.011	nq	# 80
87) Benzo(b)fluoranthene	23.18	252	3692506	3479.540	nq	99
88) Benzo(k)fluoranthene	23.22	252	1693456	1664.393	nq	96
89) Benzo(a)pyrene	23.79	252	1469771	1535.588	nq	# 95
90) Dibenzo(a,h)anthracene	26.36	278	2611366	3187.913	nq	98
91) Benzo(g,h,i)perylene	27.09	276	1581085	1997.215	nq	98

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

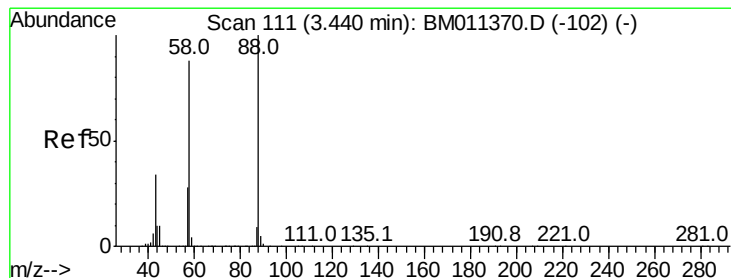
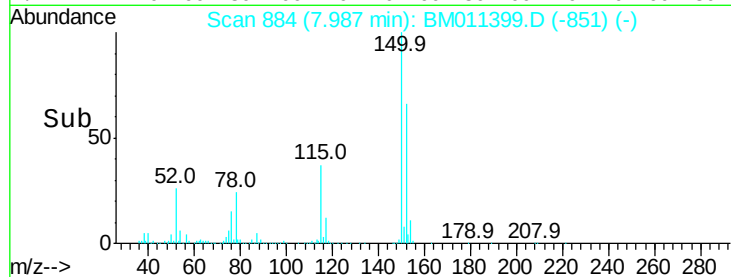
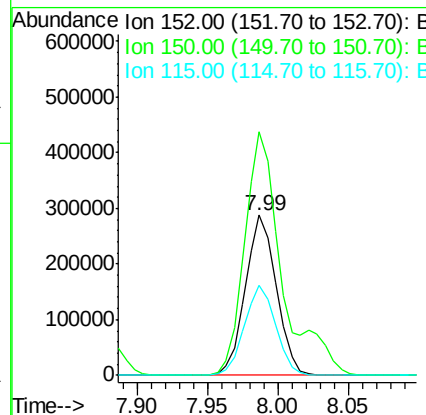
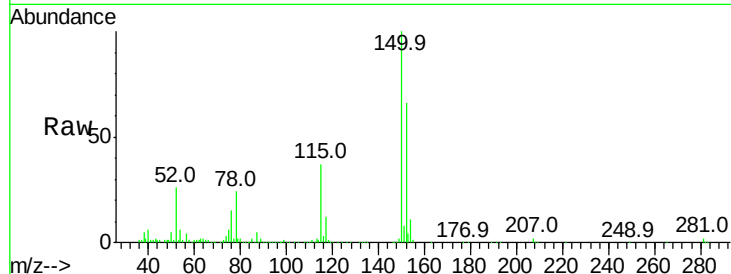


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Instrument :
BNA_M
ClientSampled :

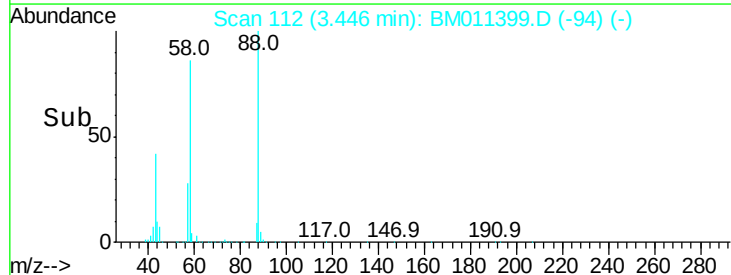
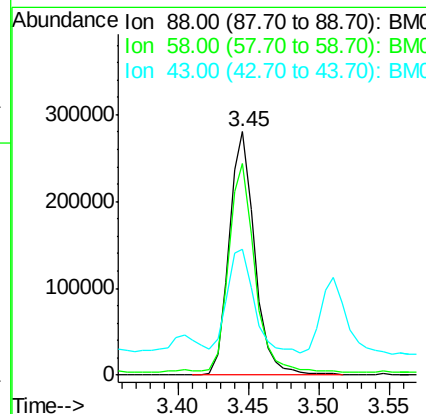
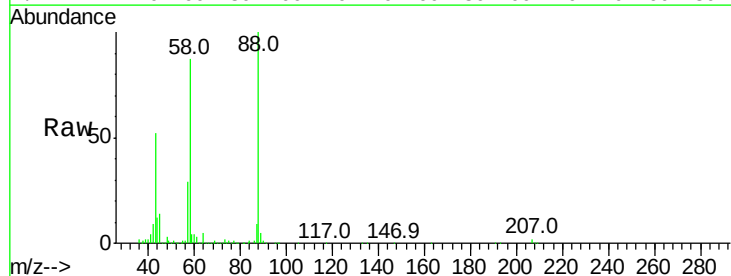
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	119.5	179.3
115	56.5	43.0	64.4

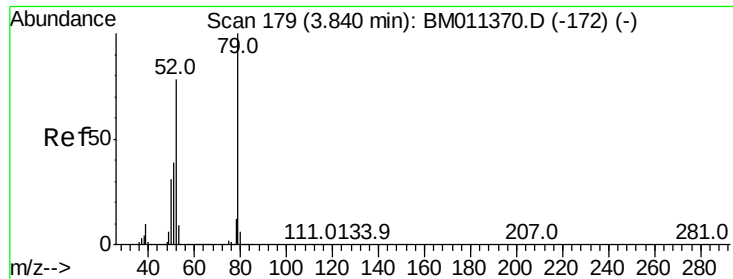


#2

1,4-Dioxane
Concen: 31.982 ng
RT: 3.45 min Scan# 112
Delta R.T. 0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.7	0.0	0.0#
43	44.5	0.0	0.0#





#3

Pvridine

Concen: 6.006 ng

RT: 3.90 min Scan# 190

Delta R.T. 0.06 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

Instrument :

BNA_M

ClientSampled :

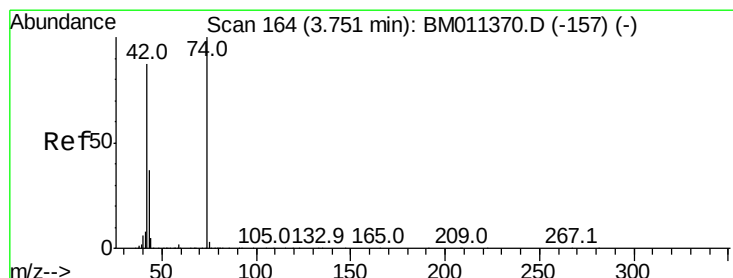
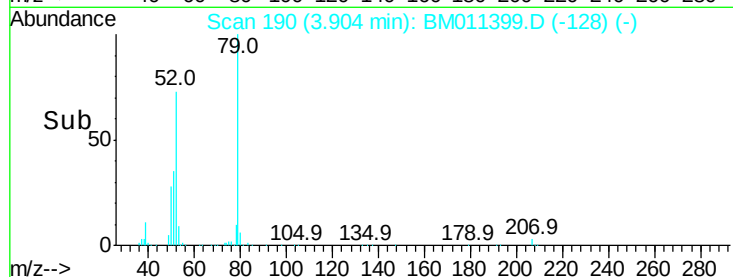
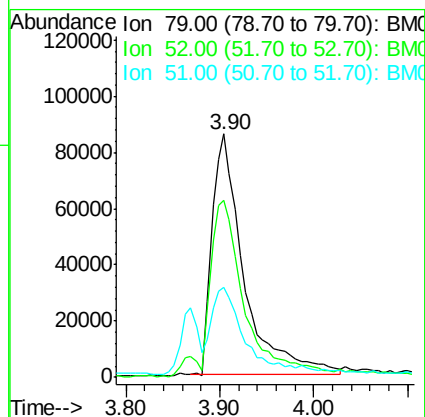
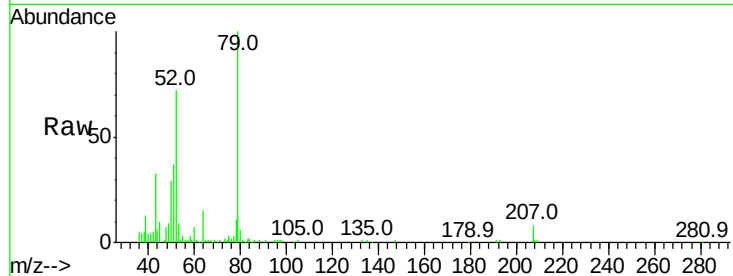
Tot Ion: 79 Resp: 201393

Ion Ratio Lower Upper

79 100

52 72.5 51.1 76.7

51 37.2 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 30.051 ng

RT: 3.75 min Scan# 163

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

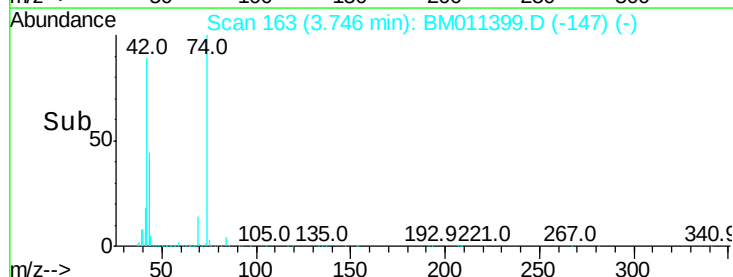
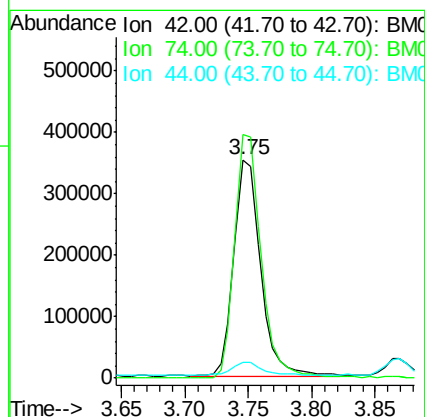
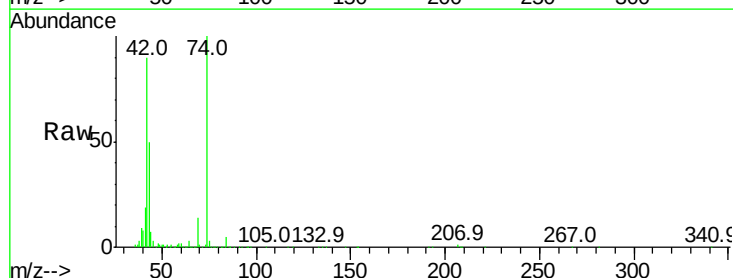
Tgt Ion: 42 Resp: 514533

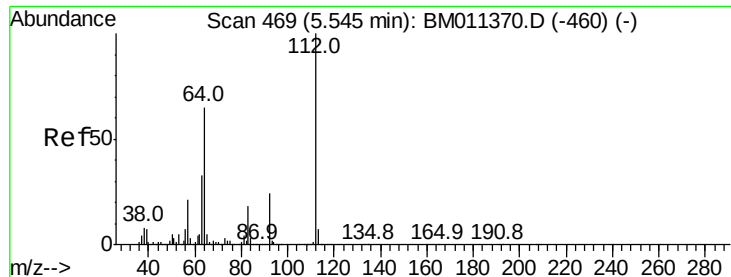
Ion Ratio Lower Upper

42 100

74 111.4 119.3 178.9#

44 7.5 5.4 8.2





#5

2-Fluorophenol

Concen: 141.265 ng

RT: 5.55 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

Instrument :

BNA_M

ClientSampleId :

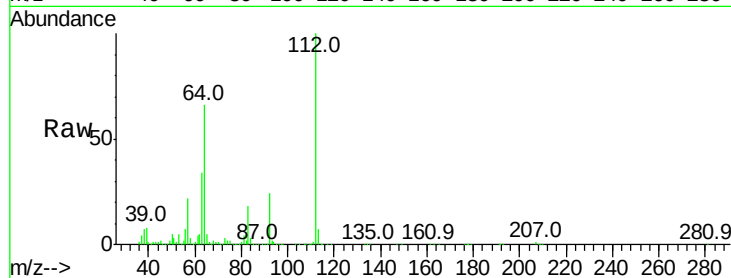
Tot Ion:112 Resp: 3711367

Ion Ratio Lower Upper

112 100

64 65.9 38.6 57.8#

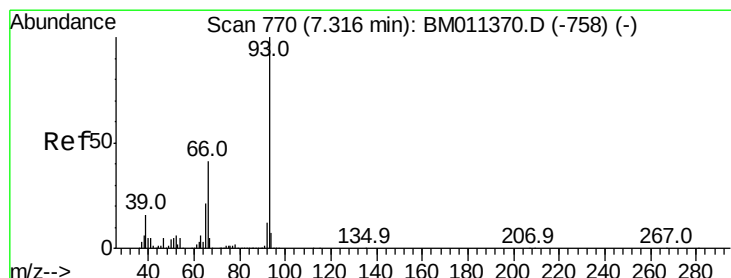
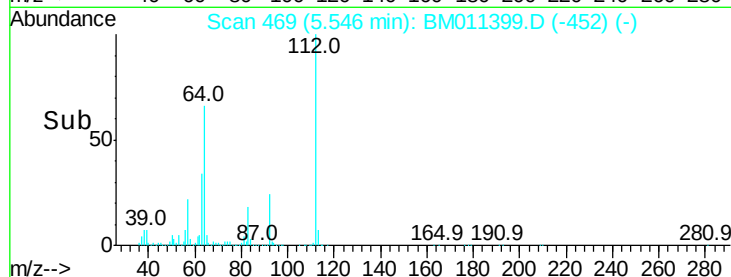
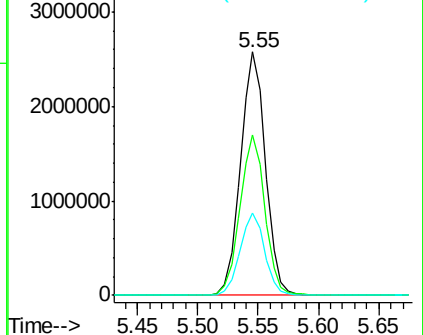
63 33.6 19.3 28.9#



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: 2.422 ng

RT: 7.33 min Scan# 772

Delta R.T. 0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

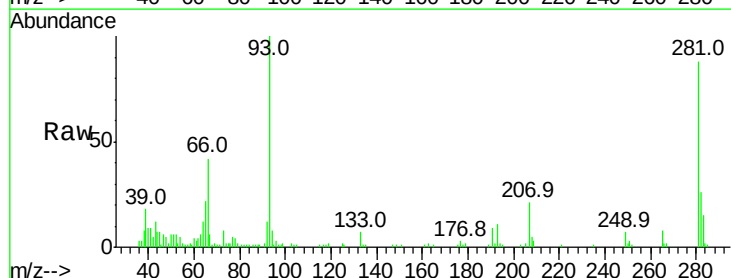
Tgt Ion: 93 Resp: 119816

Ion Ratio Lower Upper

93 100

66 41.8 30.8 46.2

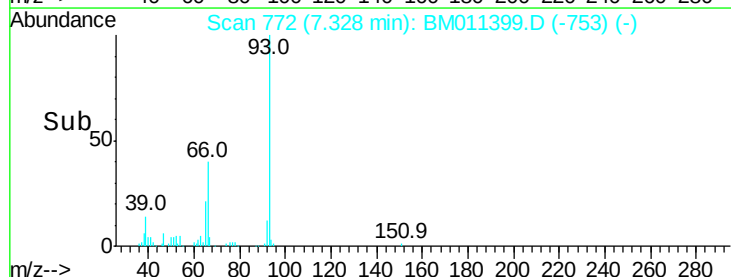
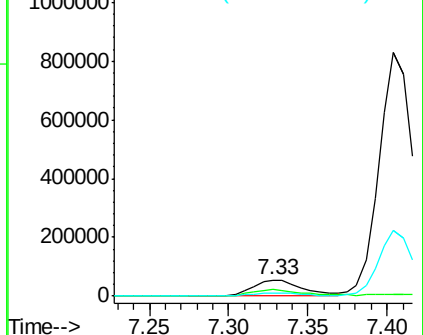
65 22.2 16.0 24.0

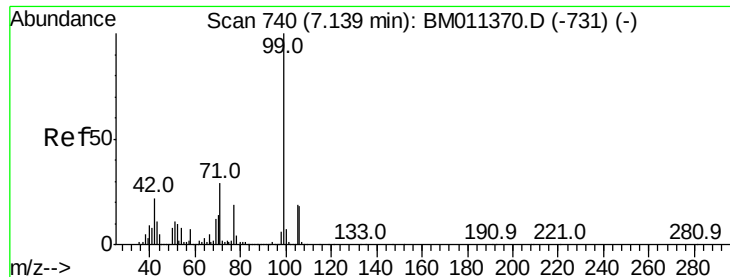


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 90.859 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

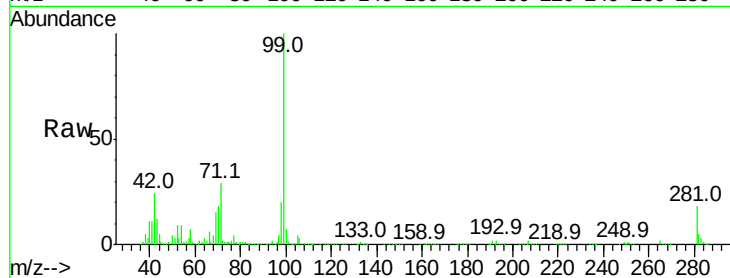
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 3309976

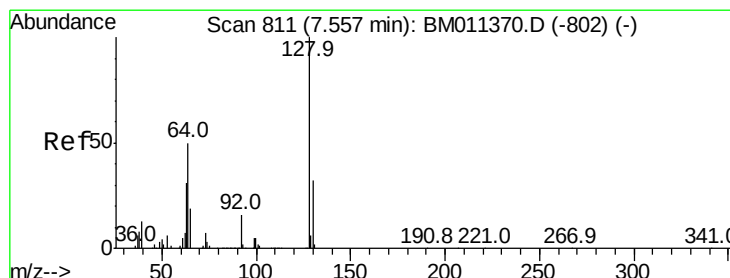
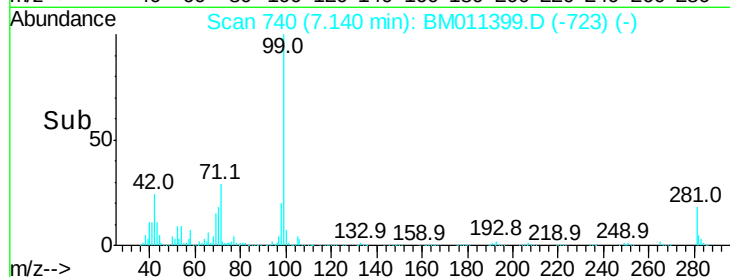
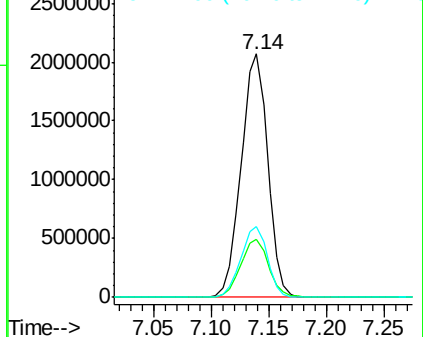
Ion	Ratio	Lower	Upper
99	100		
42	24.0	11.0	16.4#
71	29.0	23.4	35.2



Abundance Ion 99.00 (98.70 to 99.70): BM011370.D (-731) (-)

Ion 42.00 (41.70 to 42.70): BM011370.D (-731) (-)

Ion 71.00 (70.70 to 71.70): BM011370.D (-731) (-)



#8

2-Chlorophenol

Concen: 40.860 ng

RT: 7.55 min Scan# 810

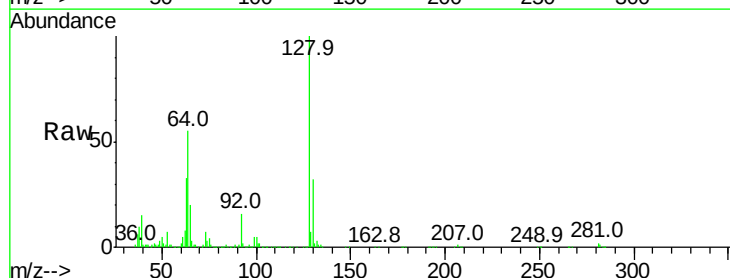
Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

Tgt Ion: 128 Resp: 1265537

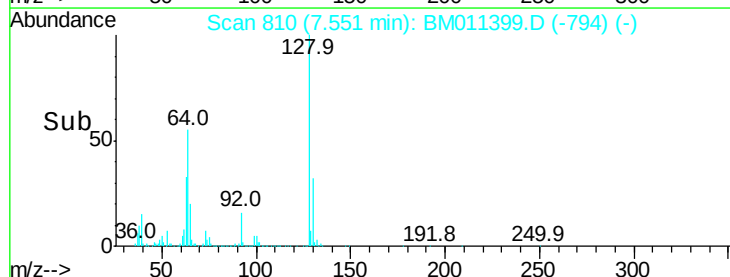
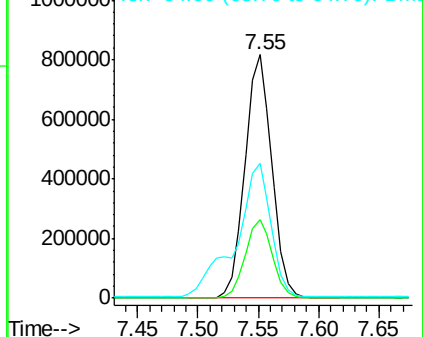
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.0	52.0
64	55.4	24.9	64.9

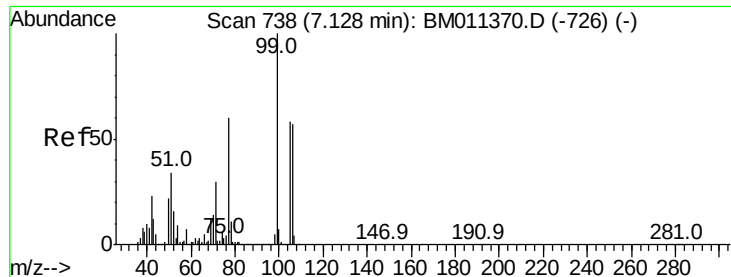


Abundance Ion 128.00 (127.70 to 128.70): BM011370.D (-802) (-)

Ion 130.00 (129.70 to 130.70): BM011370.D (-802) (-)

Ion 64.00 (63.70 to 64.70): BM011370.D (-802) (-)





#9

Benzaldehyde

Concen: 18.433 ng

RT: 7.12 min Scan# 737

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

Instrument :

BNA_M

ClientSampleId :

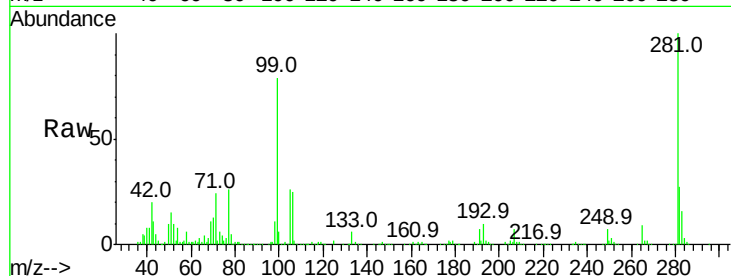
Tot Ion: 77 Resp: 390333

Ion Ratio Lower Upper

77 100

105 99.2 78.8 118.8

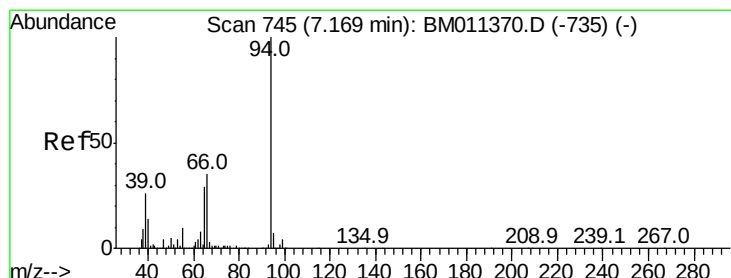
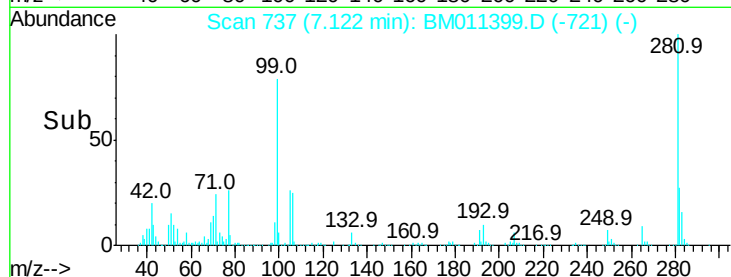
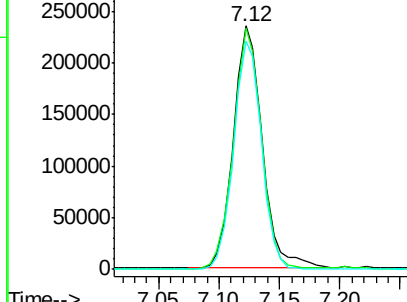
106 93.9 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM011399.D (-721) (-)

Ion 105.00 (104.70 to 105.70): BM011399.D (-721) (-)

Ion 106.00 (105.70 to 106.70): BM011399.D (-721) (-)



#10

Phenol

Concen: 31.137 ng

RT: 7.16 min Scan# 744

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

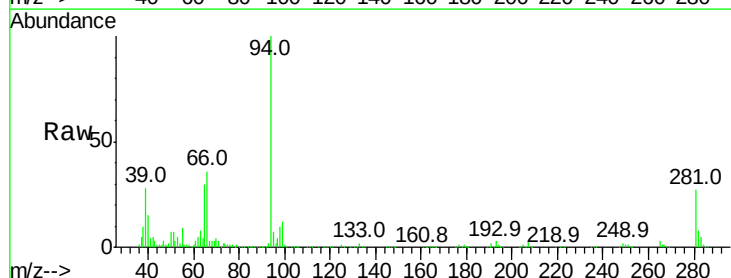
Tgt Ion: 94 Resp: 1247025

Ion Ratio Lower Upper

94 100

65 29.8 18.8 58.8

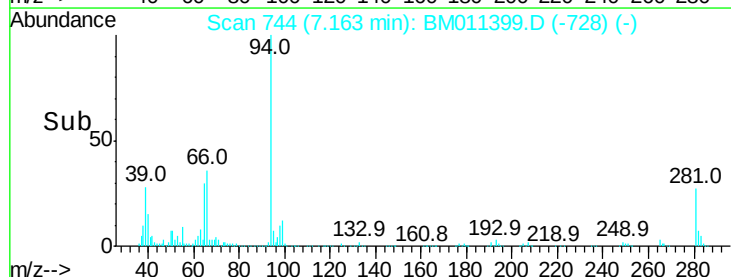
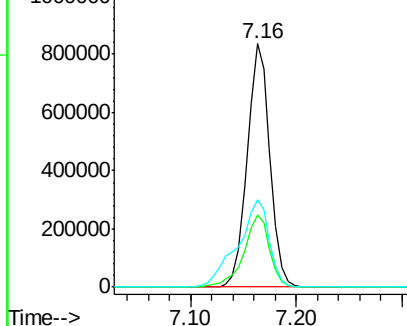
66 36.0 39.9 79.9#

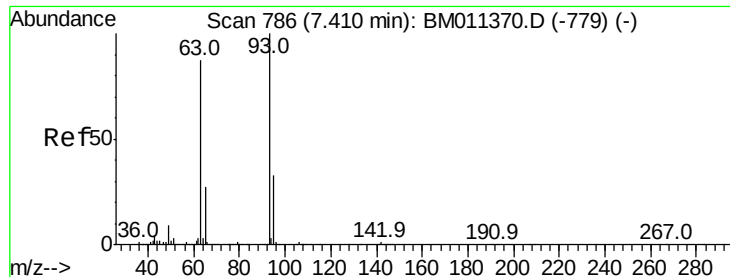


Abundance Ion 94.00 (93.70 to 94.70): BM011399.D (-728) (-)

Ion 65.00 (64.70 to 65.70): BM011399.D (-728) (-)

Ion 66.00 (65.70 to 66.70): BM011399.D (-728) (-)



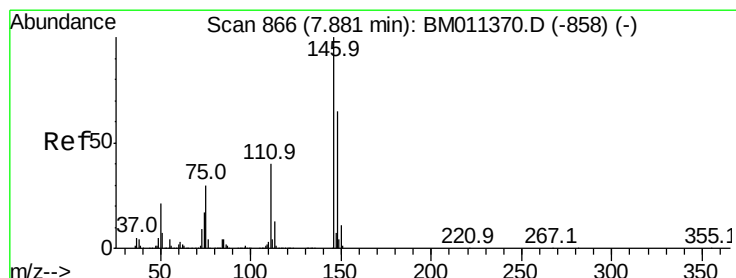
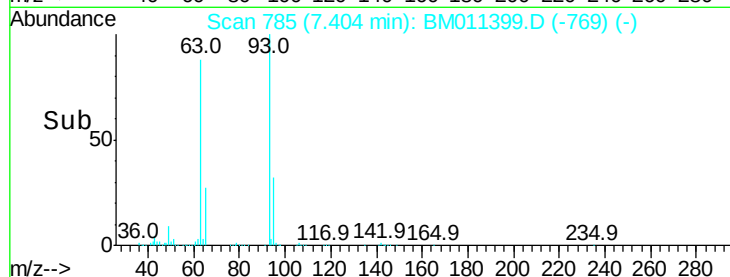
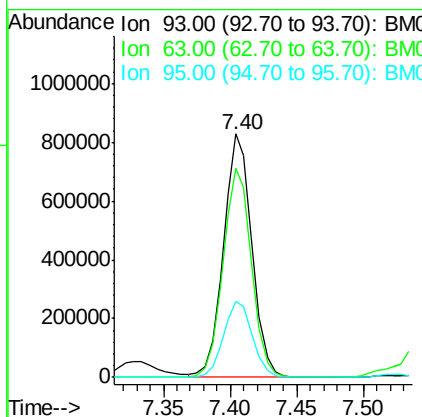
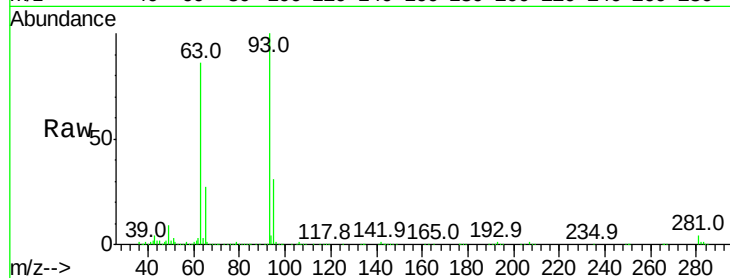


#11
bis(2-Chloroethyl)ether
Concen: 38.372 ng
RT: 7.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 93 Resp: 1228285

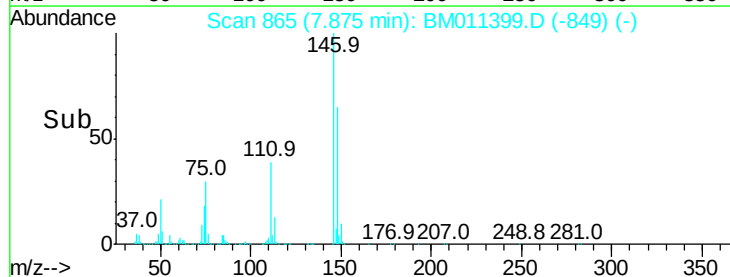
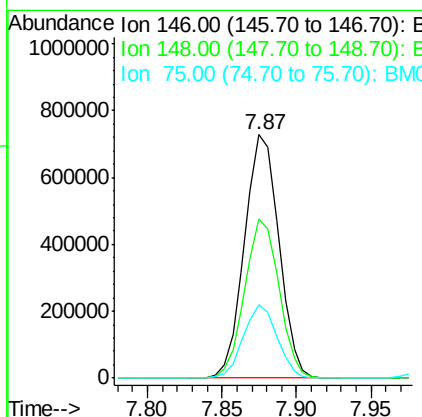
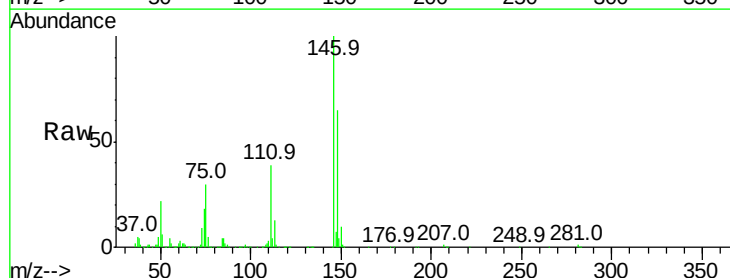
Ion	Ratio	Lower	Upper
93	100		
63	85.9	49.5	89.5
95	31.4	13.5	53.5

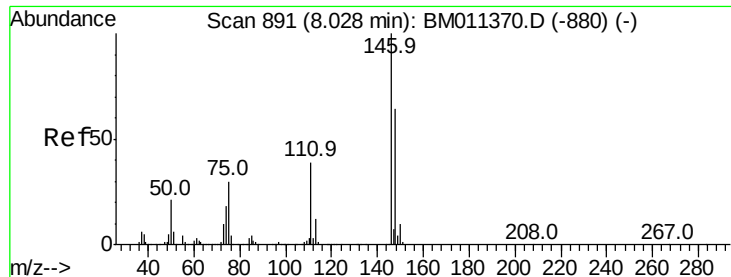


#12
1,3-Dichlorobenzene
Concen: 32.975 ng
RT: 7.87 min Scan# 865
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Tgt Ion: 146 Resp: 1162980

Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.9	76.3
75	30.0	21.4	32.2

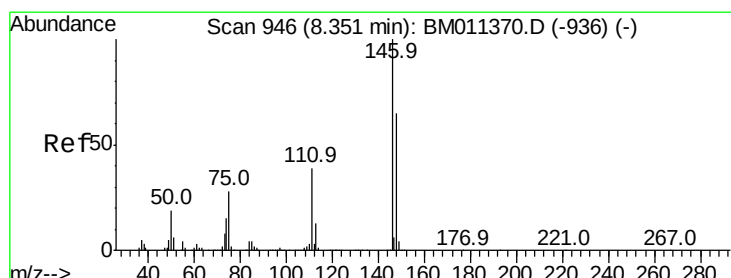
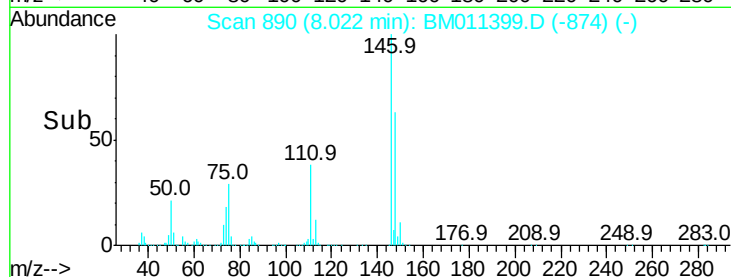
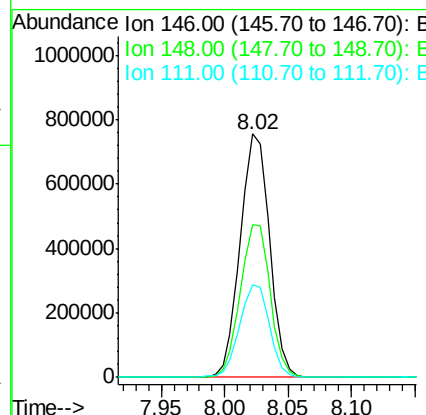
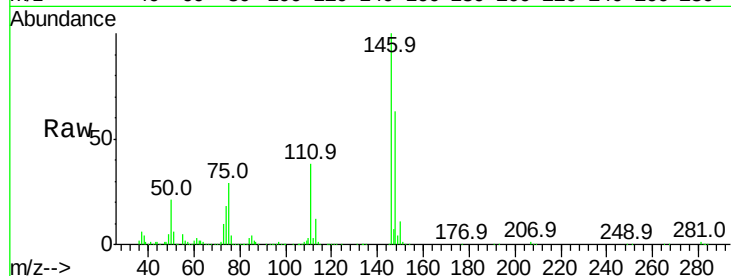




#13
 1,4-Dichlorobenzene
 Concen: 33.828 ng
 RT: 8.02 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BM011399.D
 Acq: 01 Sep 2017 07:48

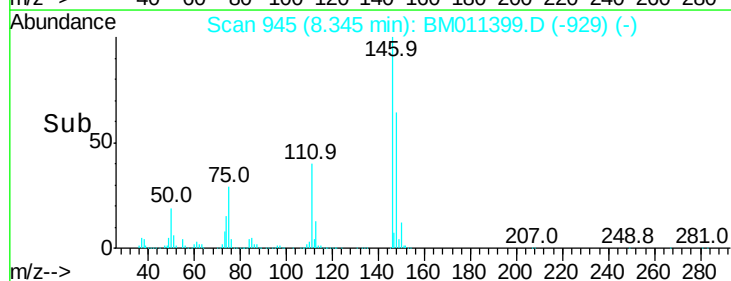
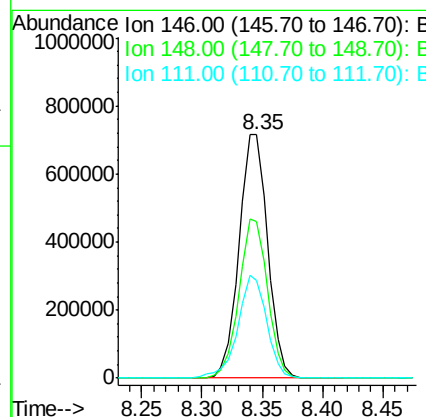
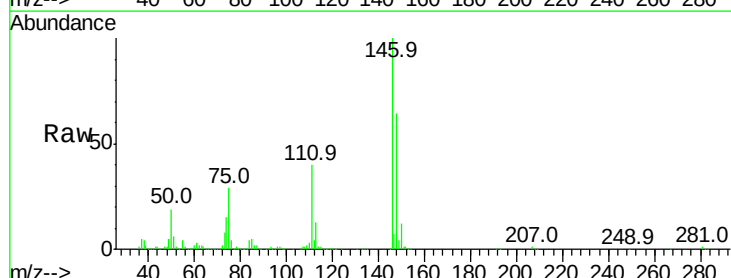
Instrument :
 BNA_M
 ClientSampled :

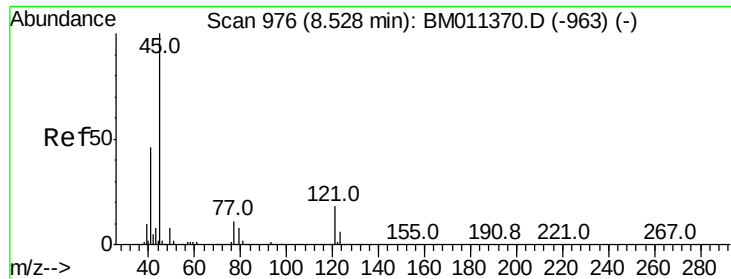
Tot Ion:146 Resp: 1213321
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.9 77.9
 111 38.2 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 34.040 ng
 RT: 8.35 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BM011399.D
 Acq: 01 Sep 2017 07:48

Tgt Ion:146 Resp: 1181726
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.3 78.5
 111 40.3 30.6 45.8



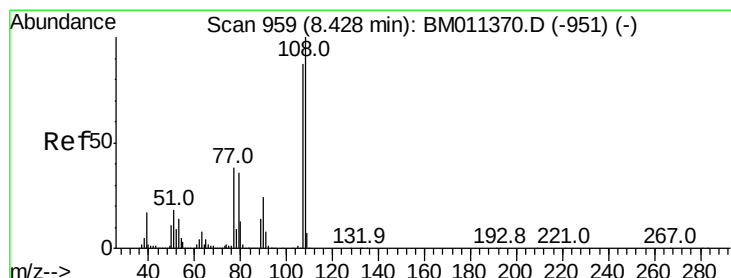
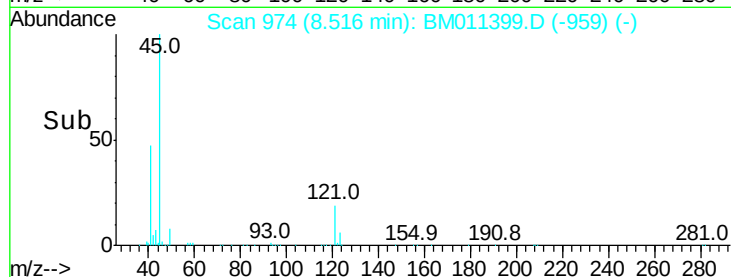
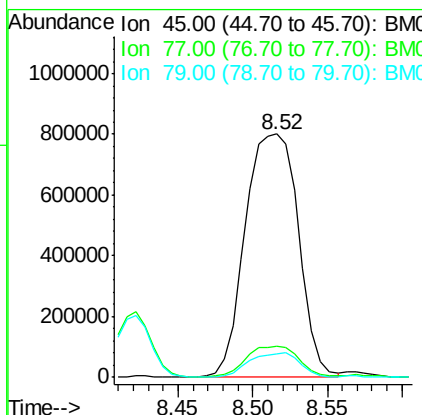
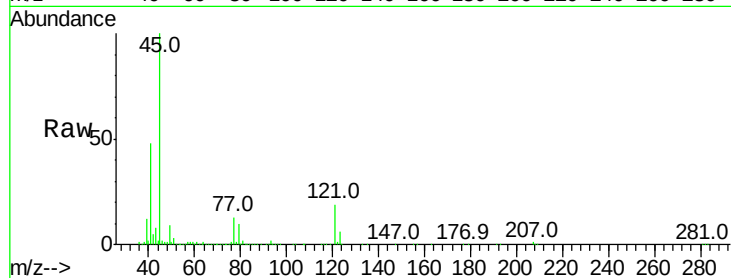


#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 36.788 ng
 RT: 8.52 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BM011399.D
 Acq: 01 Sep 2017 07:48

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 45 Resp: 1969186

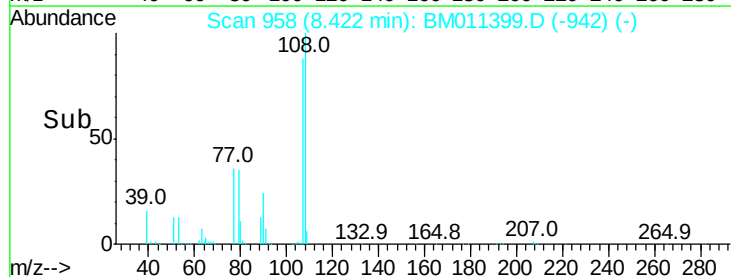
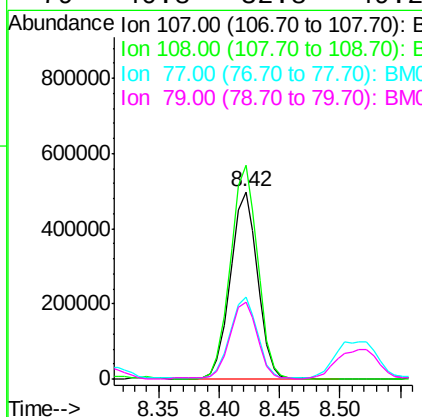
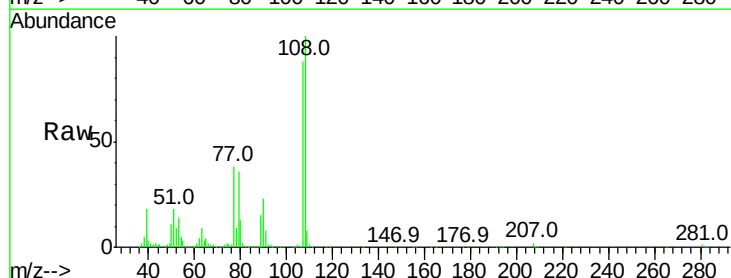
Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	35.2
79	9.7	0.0	32.0

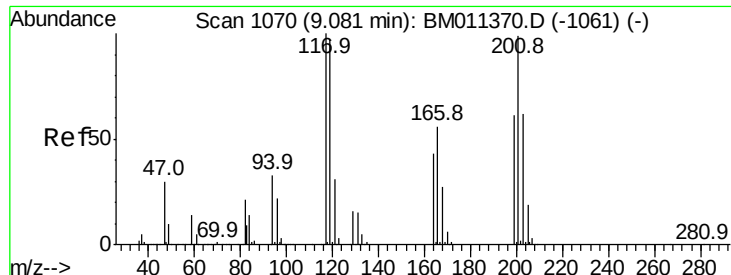


#17
 2-Methylphenol
 Concen: 30.497 ng
 RT: 8.42 min Scan# 958
 Delta R.T. -0.01 min
 Lab File: BM011399.D
 Acq: 01 Sep 2017 07:48

Tgt Ion: 107 Resp: 782078

Ion	Ratio	Lower	Upper
107	100		
108	114.0	89.8	134.8
77	43.5	32.6	48.8
79	40.8	32.8	49.2

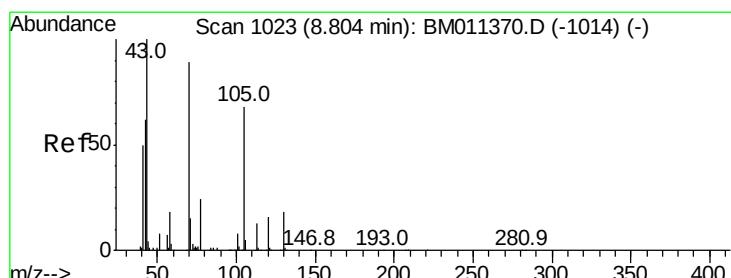
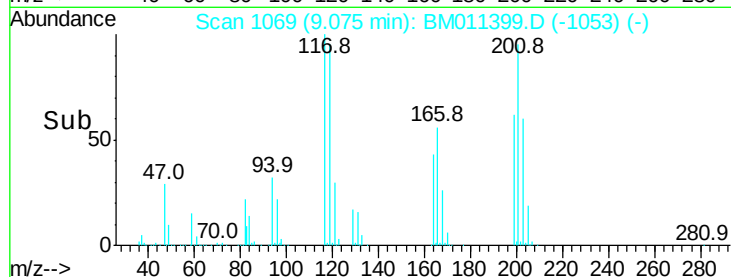
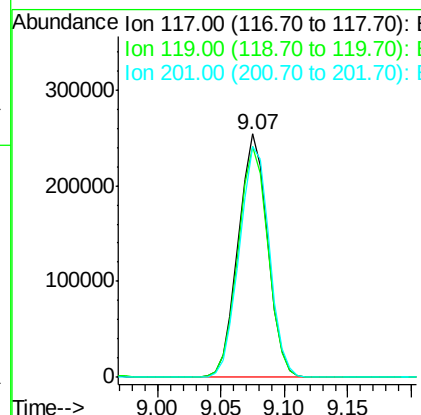
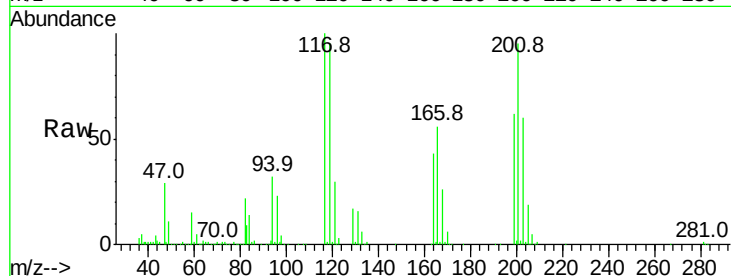




#18
Hexachloroethane
Concen: 33.220 ng
RT: 9.07 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

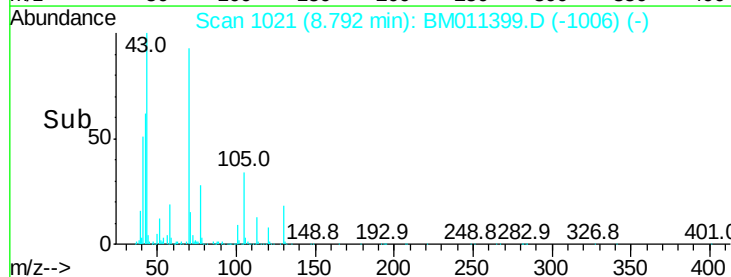
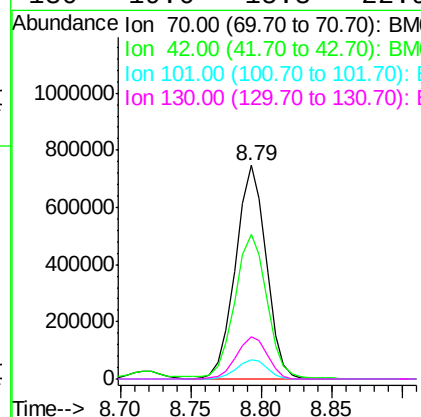
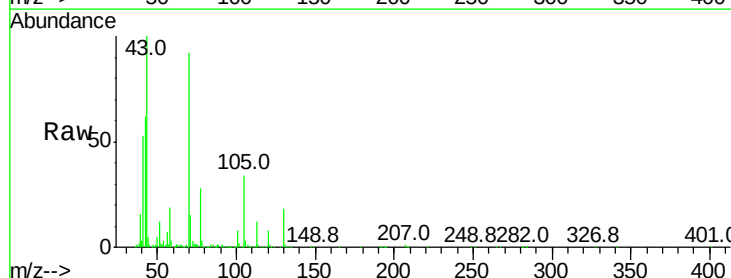
Instrument :
BNA_M
ClientSampleId :

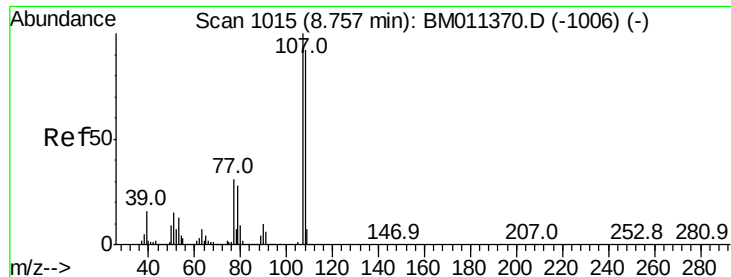
Tot Ion:117 Resp: 407898
Ion Ratio Lower Upper
117 100
119 95.0 79.2 118.8
201 94.6 69.8 104.6



#19
n-Nitroso-di-n-propylamine
Concen: 42.069 ng
RT: 8.79 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Tgt Ion: 70 Resp: 1125292
Ion Ratio Lower Upper
70 100
42 67.6 44.5 66.7#
101 9.2 7.4 11.2
130 19.6 15.3 22.9

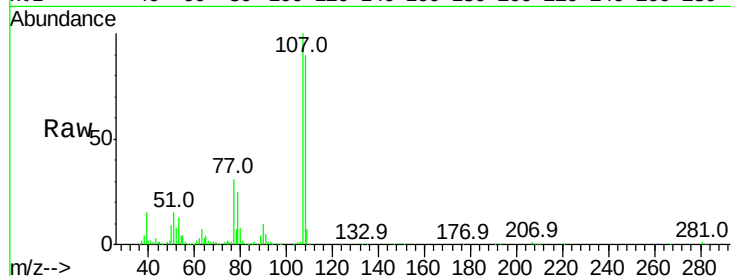




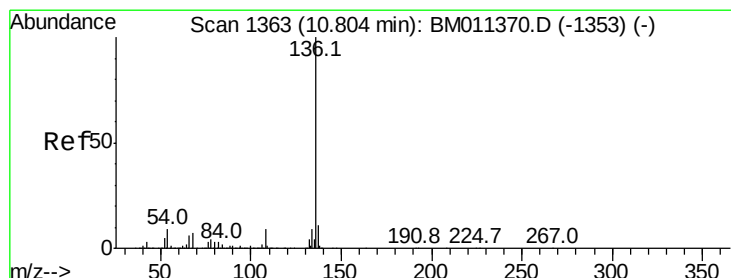
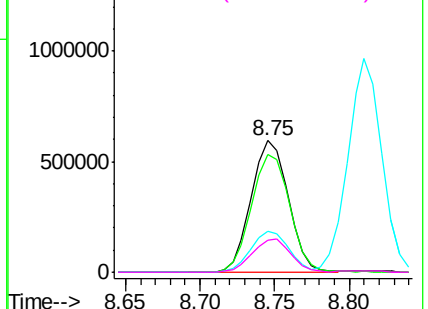
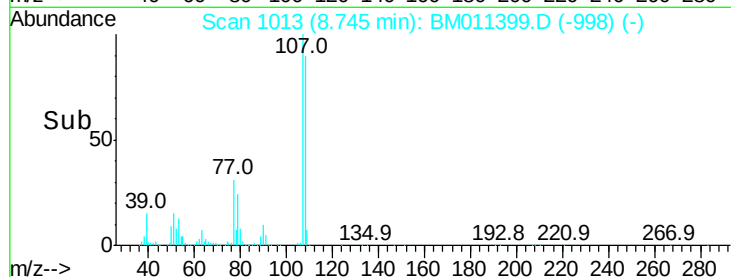
#20
3+4-Methylphenols
Concen: 28.857 ng
RT: 8.75 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Instrument :
BNA_M
ClientSampled :

Tot Ion:107 Resp: 1026755
Ion Ratio Lower Upper
107 100
108 89.9 73.2 113.2
77 31.3 10.7 50.7
79 24.5 9.6 49.6

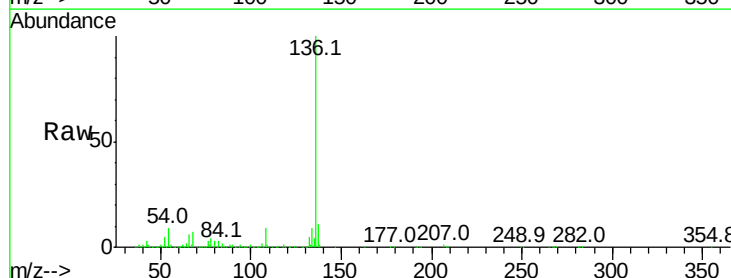


Abundance Ion 107.00 (106.70 to 107.70): E
1500000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

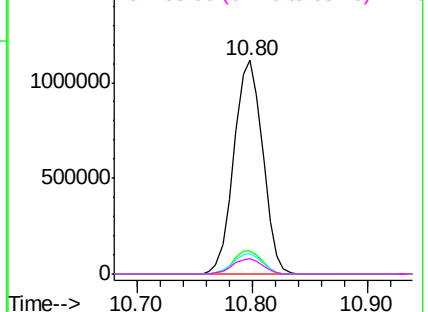
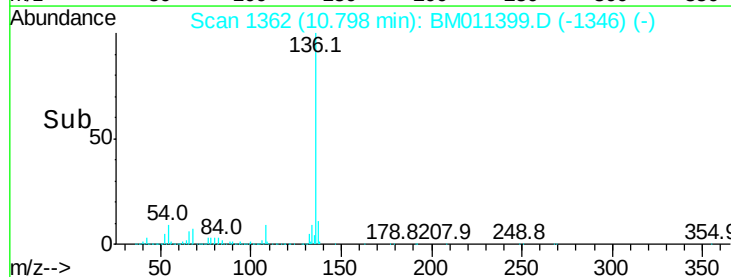


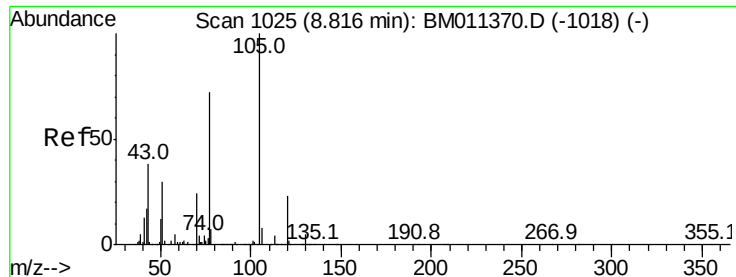
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Tgt Ion:136 Resp: 1927214
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.5 4.6 6.8#
68 7.2 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): E
1500000
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: 41.179 ng

RT: 8.81 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

Instrument :

BNA_M

ClientSampleId :

Tot Ion:105 Resp: 1971981

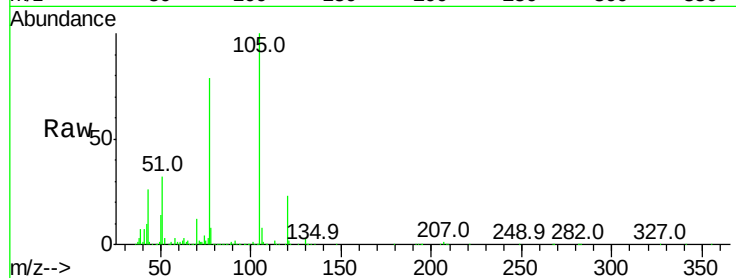
Ion Ratio Lower Upper

105 100

71 2.0 0.6 1.0#

51 31.9 21.6 32.4

120 23.2 16.1 24.1

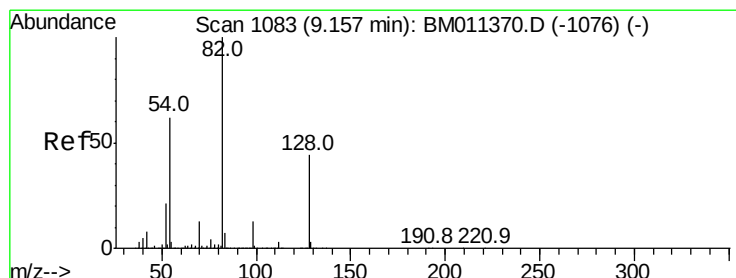
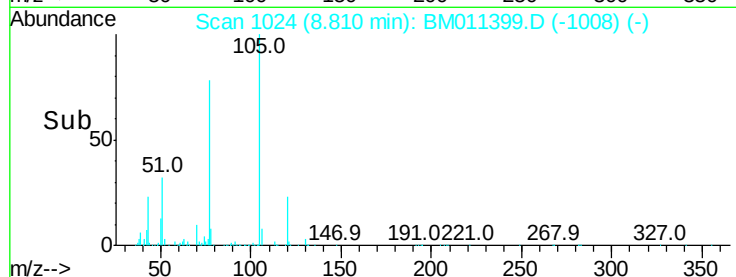
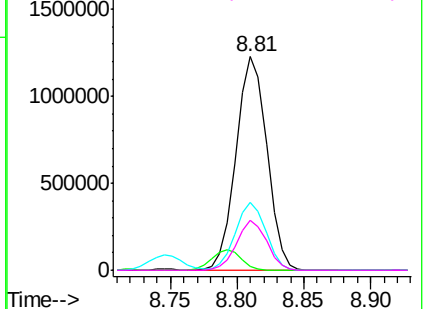


Abundance Ion 105.00 (104.70 to 105.70): E

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: 98.179 ng

RT: 9.15 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

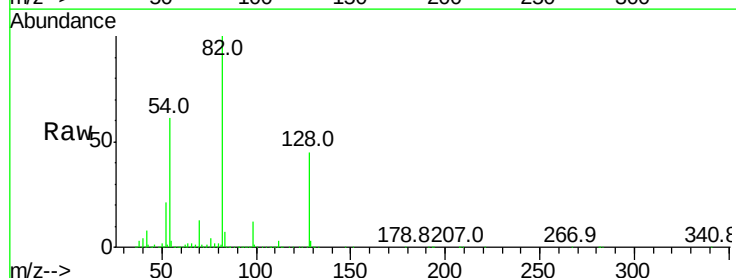
Tgt Ion: 82 Resp: 2871274

Ion Ratio Lower Upper

82 100

128 44.9 32.8 49.2

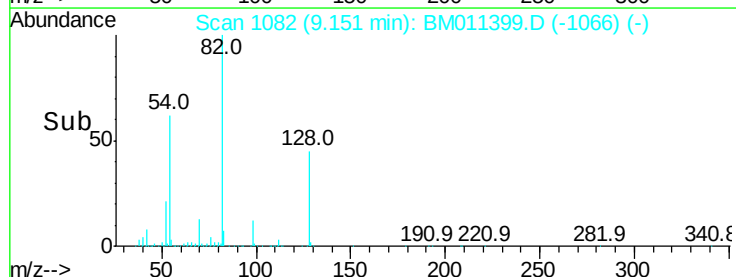
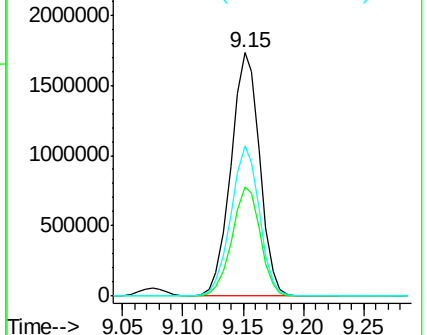
54 61.5 40.6 60.8#

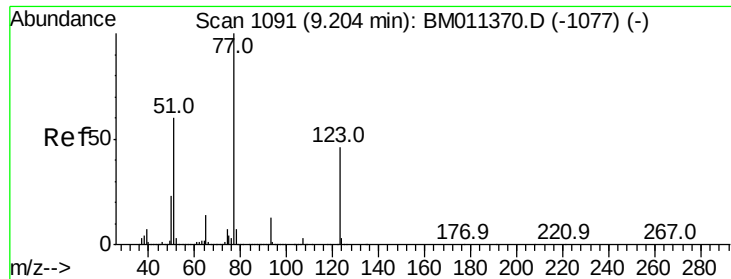


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0

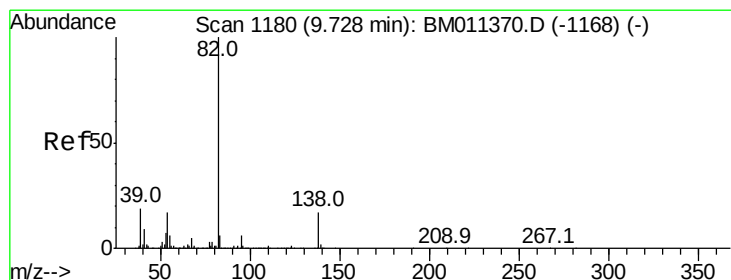
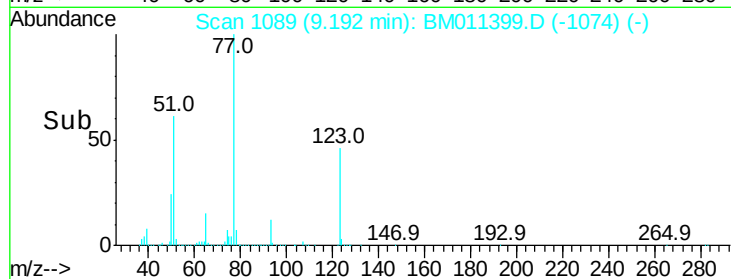
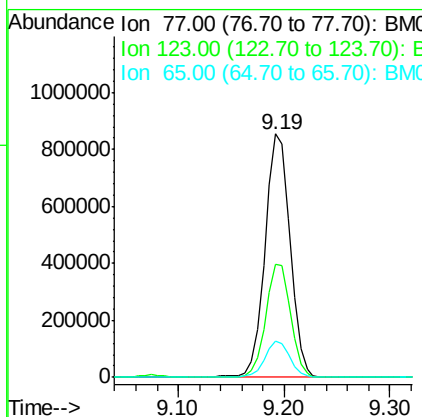
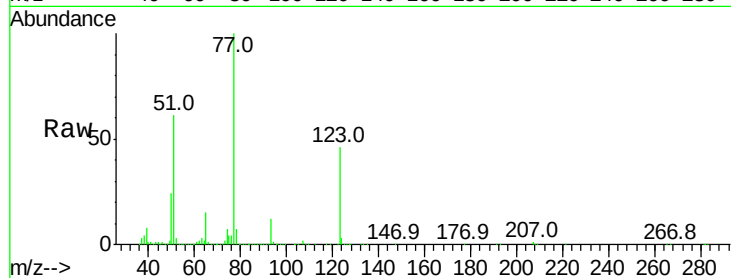




#24
 Nitrobenzene
 Concen: 43.392 ng
 RT: 9.19 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BM011399.D
 Acq: 01 Sep 2017 07:48

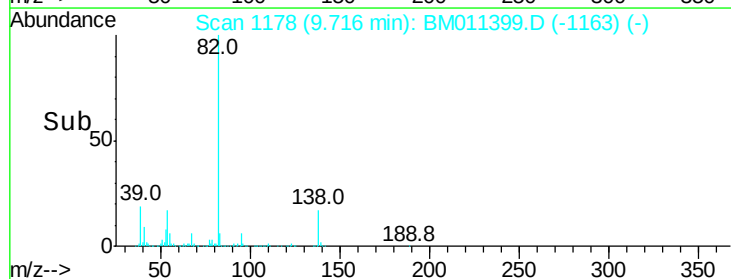
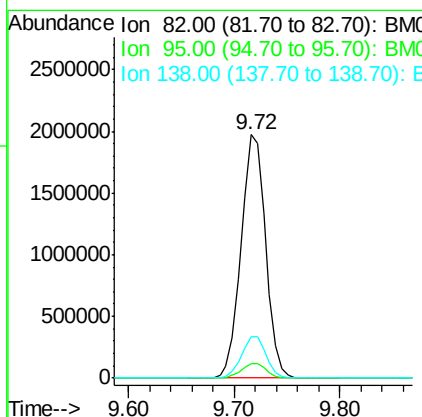
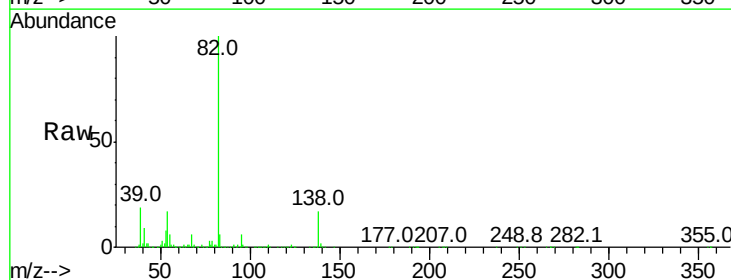
Instrument :
 BNA_M
 ClientSampled :

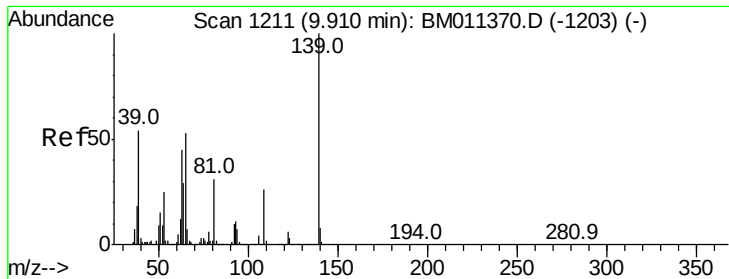
Tot Ion: 77 Resp: 1398319
 Ion Ratio Lower Upper
 77 100
 123 46.2 32.6 49.0
 65 15.0 10.9 16.3



#25
 Isophorone
 Concen: 48.428 ng
 RT: 9.72 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BM011399.D
 Acq: 01 Sep 2017 07:48

Tgt Ion: 82 Resp: 3173426
 Ion Ratio Lower Upper
 82 100
 95 6.0 5.8 8.6
 138 17.0 16.3 24.5

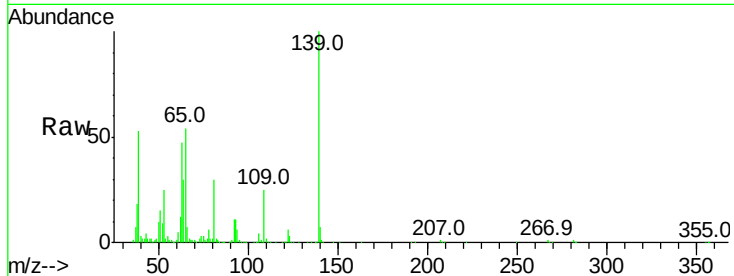




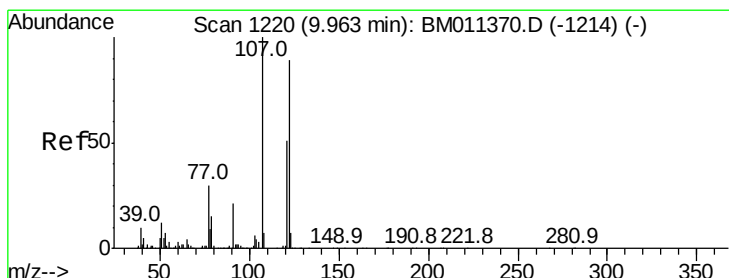
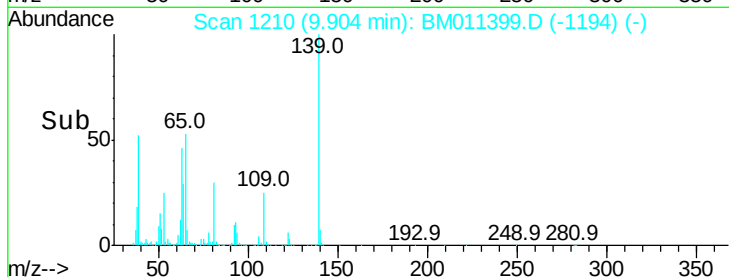
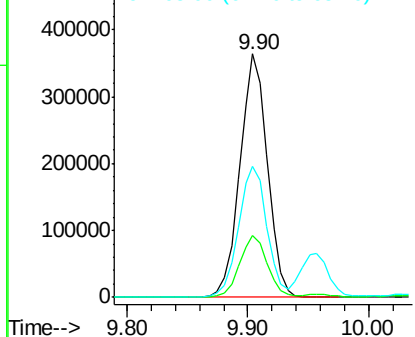
#26
2-Nitrophenol
Concen: 42.070 ng
RT: 9.90 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Instrument :
BNA_M
ClientSampled :

Tot Ion:139 Resp: 577077
Ion Ratio Lower Upper
139 100
109 25.4 20.1 30.1
65 53.7 31.5 47.3#

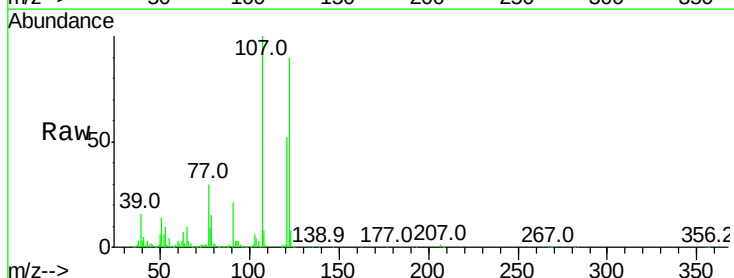


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

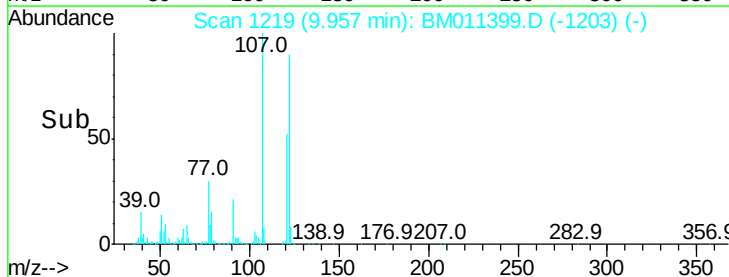
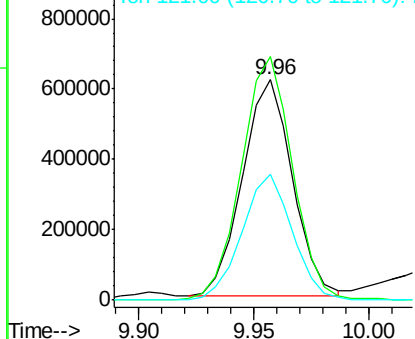


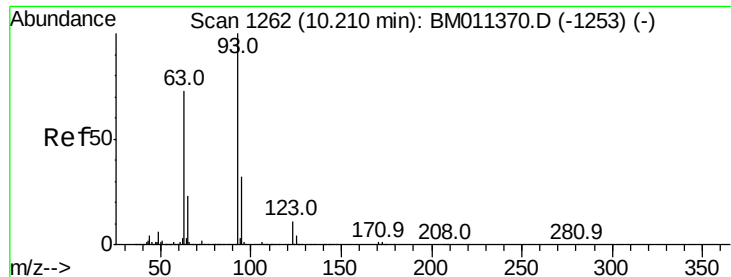
#27
2,4-Dimethylphenol
Concen: 30.510 ng
RT: 9.96 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Tgt Ion:122 Resp: 932224
Ion Ratio Lower Upper
122 100
107 110.7 84.7 127.1
121 57.4 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

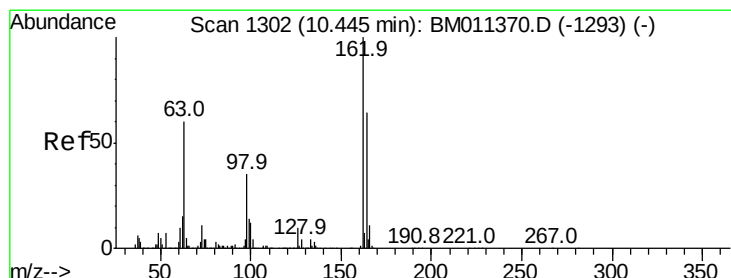
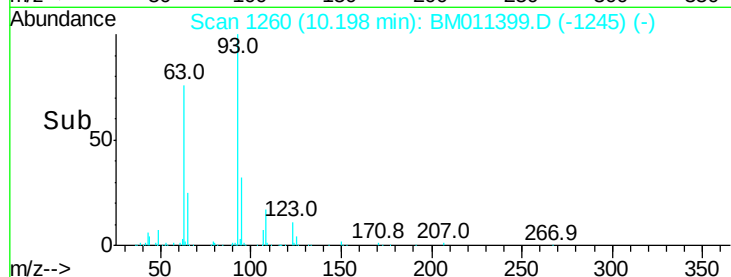
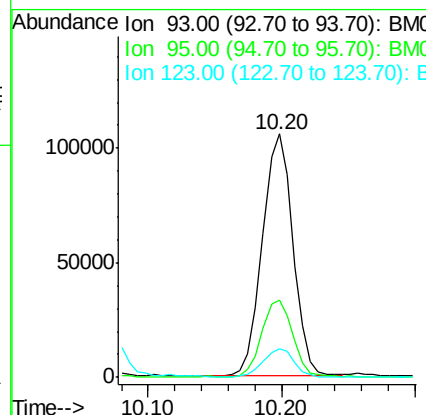
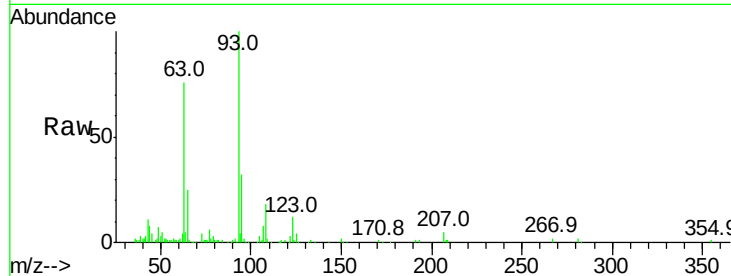




#28
 bis(2-Chloroethoxy)methane
 Concen: 3.746 ng
 RT: 10.20 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BM011399.D
 Acq: 01 Sep 2017 07:48

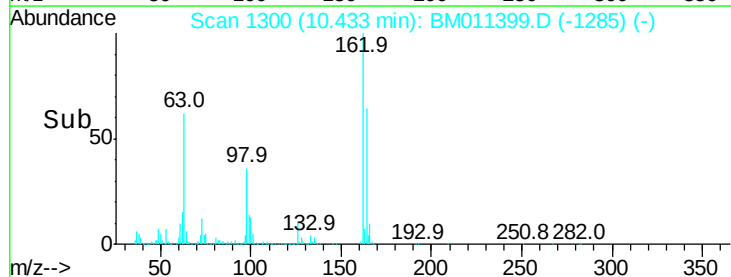
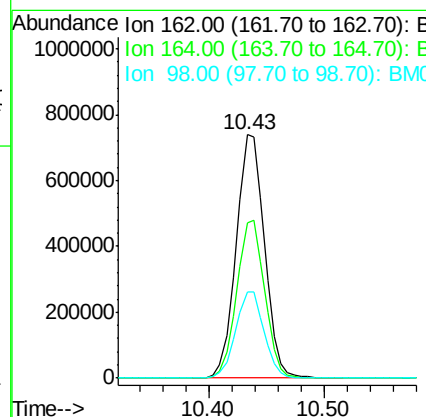
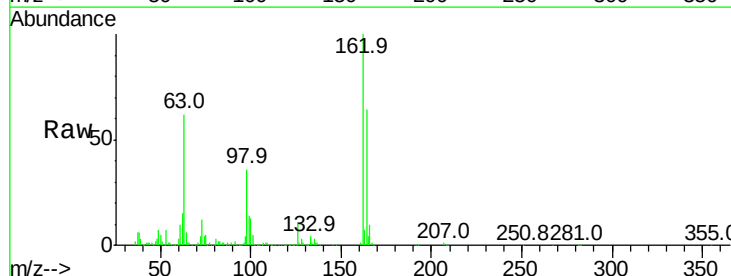
Instrument :
 BNA_M
 ClientSampleId :

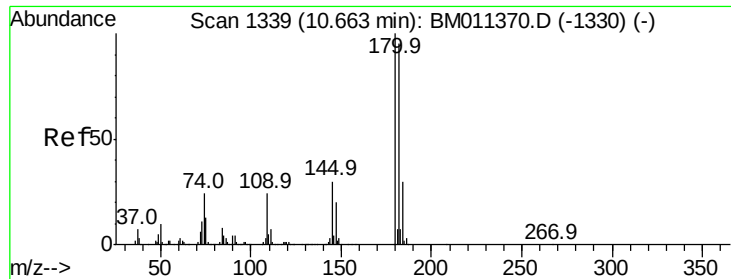
Tot Ion	93	Resp	167526
Ion Ratio	Lower	Upper	
93	100		
95	31.9	25.5	38.3
123	11.9	8.6	13.0



#29
 2,4-Dichlorophenol
 Concen: 43.950 ng
 RT: 10.43 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BM011399.D
 Acq: 01 Sep 2017 07:48

Tgt Ion	162	Resp	1256381
Ion Ratio	Lower	Upper	
162	100		
164	63.6	42.8	82.8
98	35.5	14.5	54.5

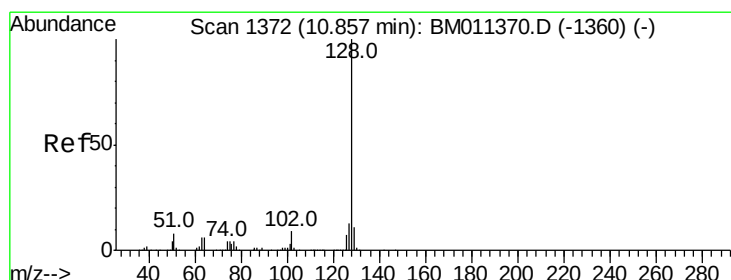
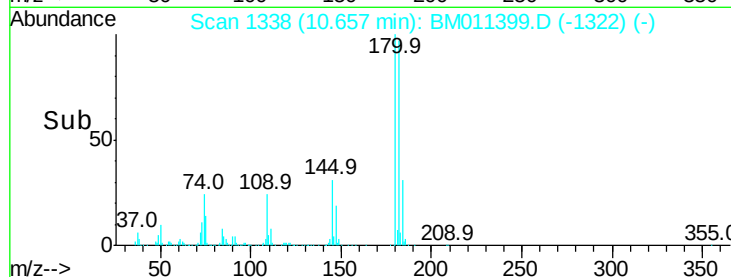
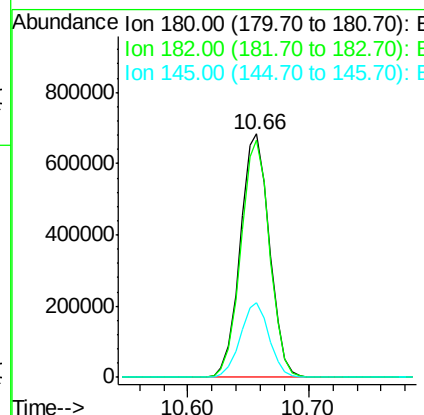
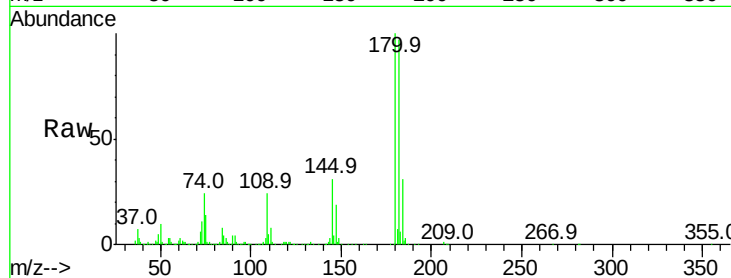




#30
 1,2,4-Trichlorobenzene
 Concen: 36.305 ng
 RT: 10.66 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BM011399.D
 Acq: 01 Sep 2017 07:48

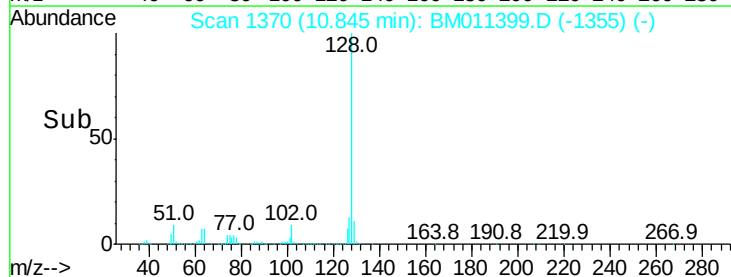
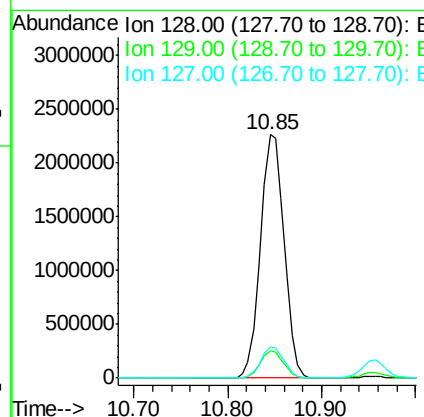
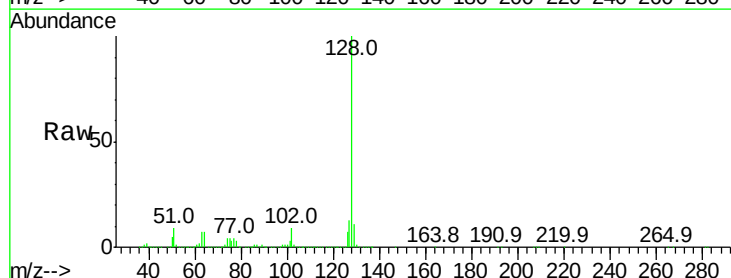
Instrument :
 BNA_M
 ClientSampleId :

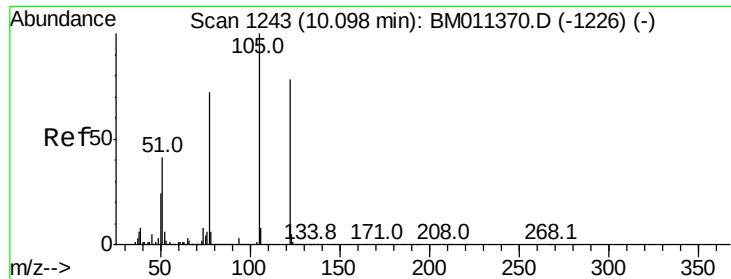
Tot Ion:180 Resp: 1148888
 Ion Ratio Lower Upper
 180 100
 182 97.2 77.6 116.4
 145 30.6 23.4 35.2



#31
 Naphthalene
 Concen: 37.960 ng
 RT: 10.85 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BM011399.D
 Acq: 01 Sep 2017 07:48

Tgt Ion:128 Resp: 3949792
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.9 13.3
 127 12.8 10.4 15.6

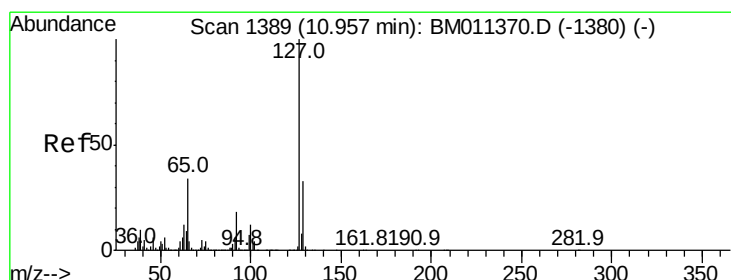
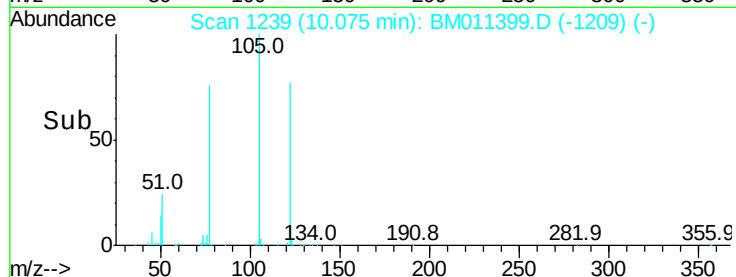
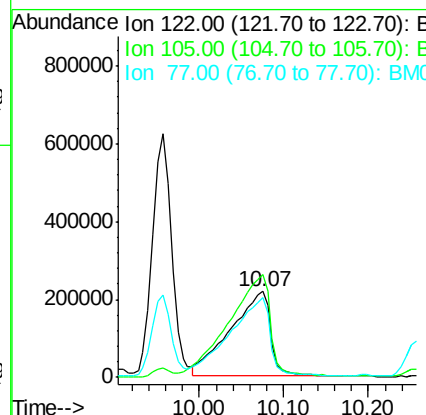
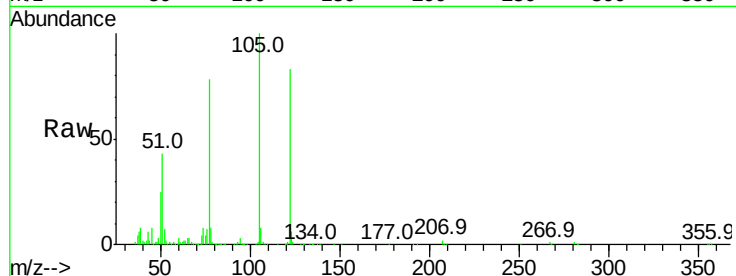




#32
Benzoic acid
Concen: 36.542 ng
RT: 10.07 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

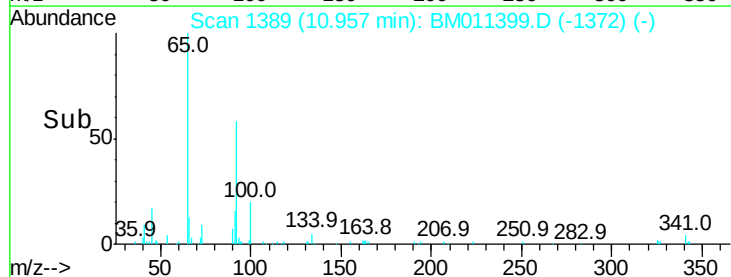
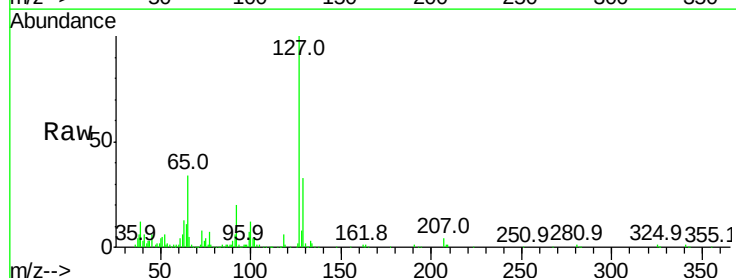
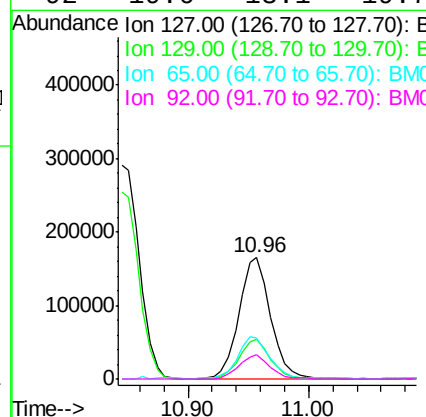
Instrument :
BNA_M
ClientSampleId :

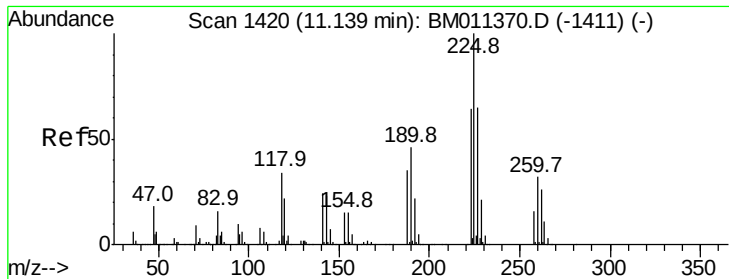
Tot Ion	Ratio	Lower	Upper
122	100		
105	120.1	99.9	139.9
77	93.7	73.7	113.7



#33
4-Chloroaniline
Concen: 6.540 ng
RT: 10.96 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.3	37.9
65	33.6	17.6	26.4
92	19.6	13.1	19.7





#34

Hexachlorobutadiene

Concen: 34.455 ng

RT: 11.13 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

Instrument :

BNA_M

ClientSampleId :

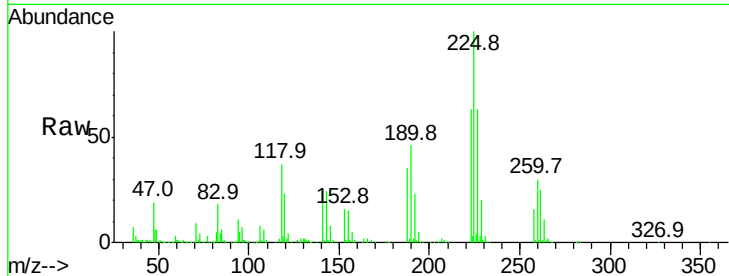
Tot Ion:225 Resp: 621264

Ion Ratio Lower Upper

225 100

223 63.1 47.9 71.9

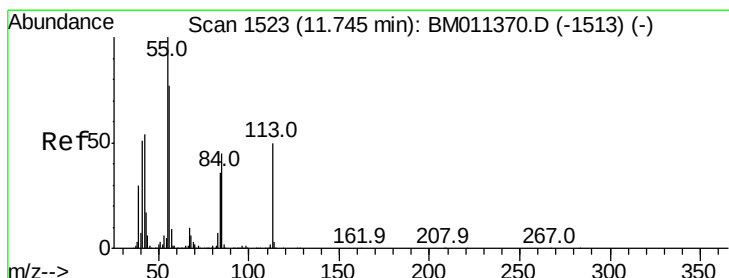
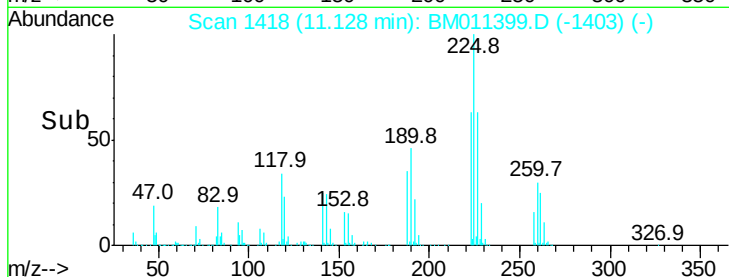
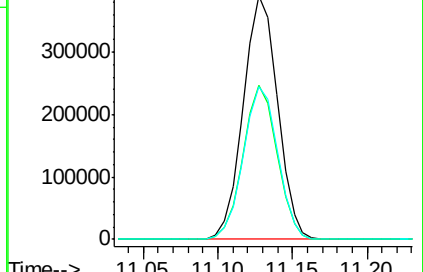
227 63.0 50.1 75.1



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 45.121 ng

RT: 11.73 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

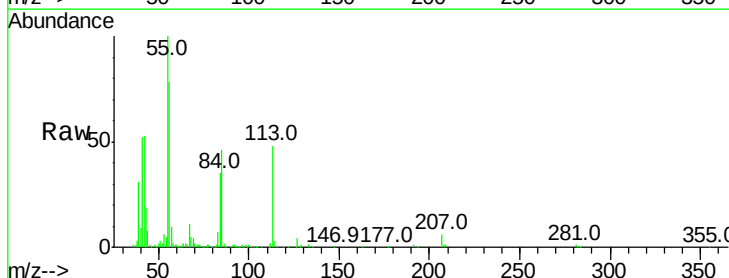
Tgt Ion:113 Resp: 464525

Ion Ratio Lower Upper

113 100

55 207.3 145.9 185.9#

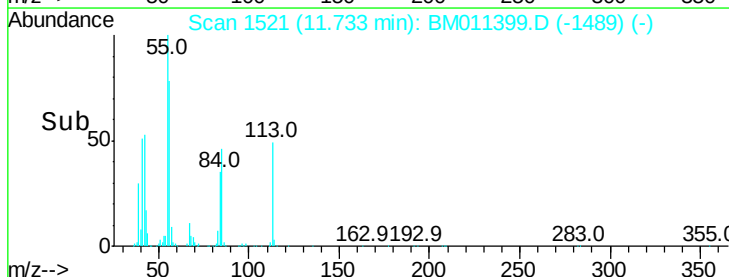
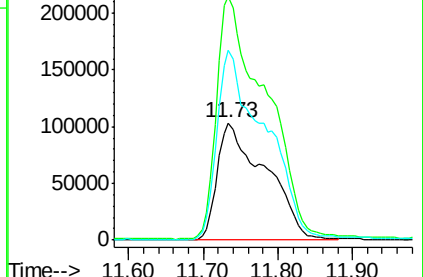
56 161.5 101.0 141.0#

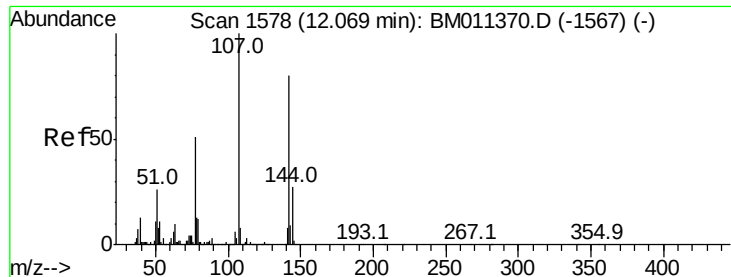


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0

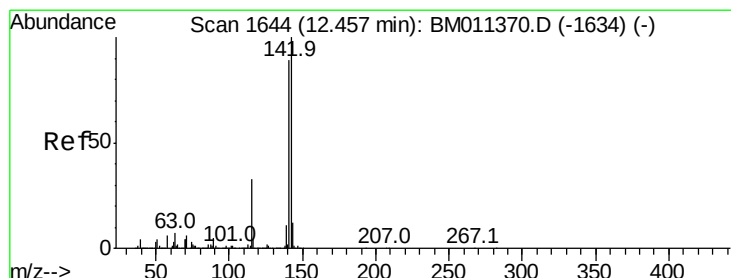
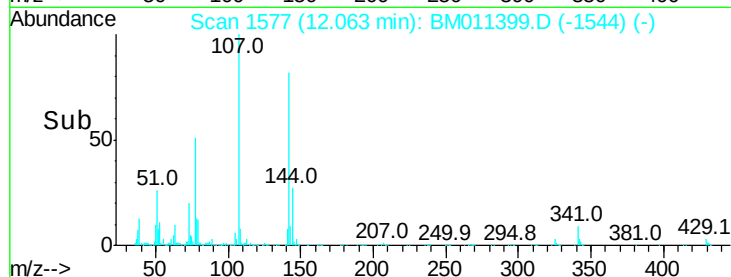
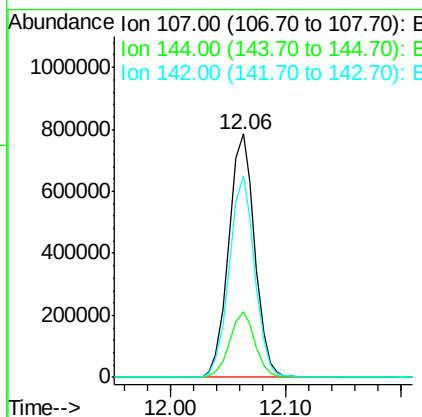
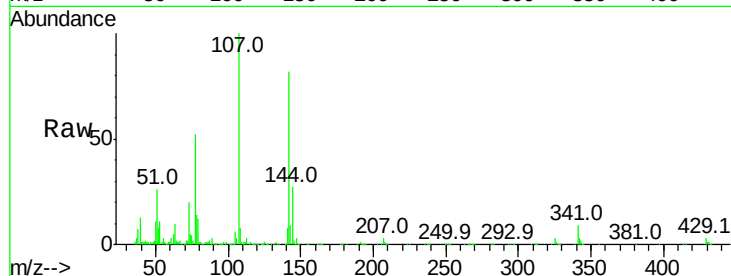




#36
 4-Chloro-3-methylphenol
 Concen: 36.441 ng
 RT: 12.06 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BM011399.D
 Acq: 01 Sep 2017 07:48

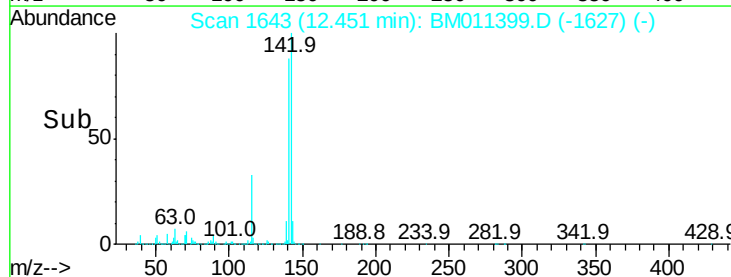
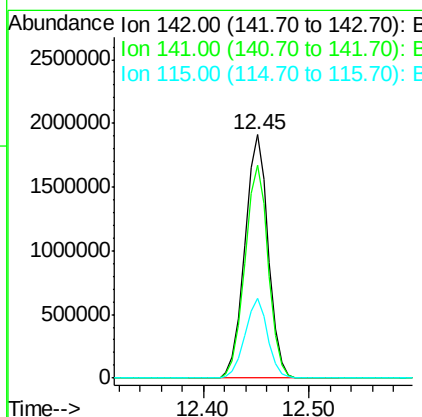
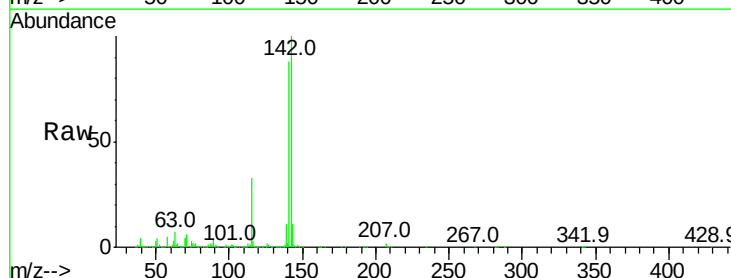
Instrument :
 BNA_M
 ClientSampleId :

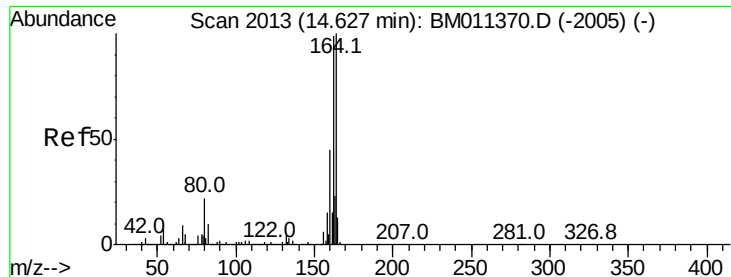
Tot Ion:107 Resp: 1223537
 Ion Ratio Lower Upper
 107 100
 144 26.9 23.3 34.9
 142 82.5 72.6 109.0



#37
 2-Methylnaphthalene
 Concen: 40.424 ng
 RT: 12.45 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BM011399.D
 Acq: 01 Sep 2017 07:48

Tgt Ion:142 Resp: 2927610
 Ion Ratio Lower Upper
 142 100
 141 87.5 71.9 107.9
 115 32.6 25.4 38.0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

Instrument :

BNA_M

ClientSampled :

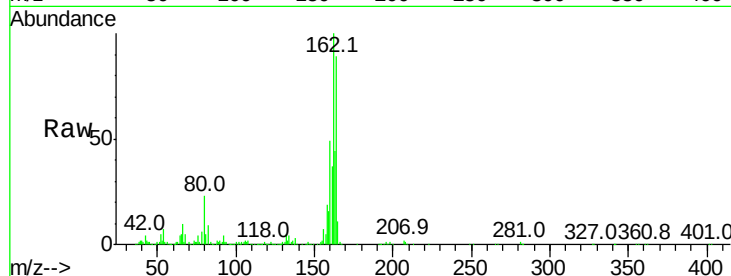
Tot Ion:164 Resp: 559286

Ion Ratio Lower Upper

164 100

162 113.0 82.4 123.6

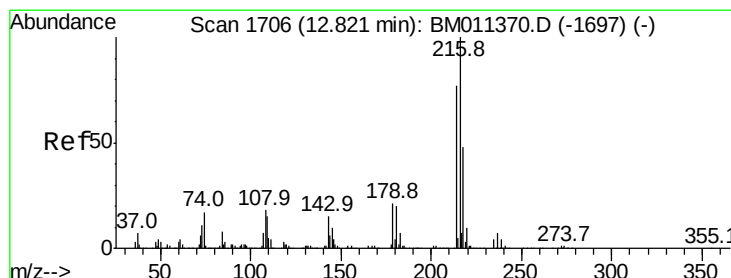
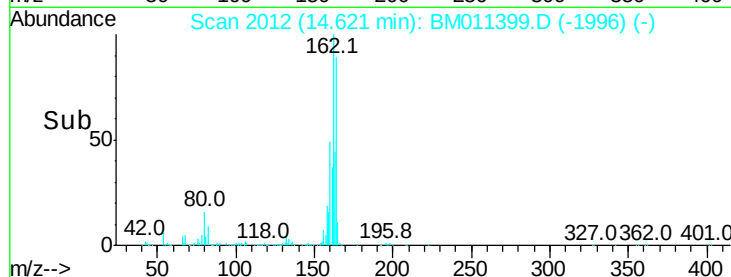
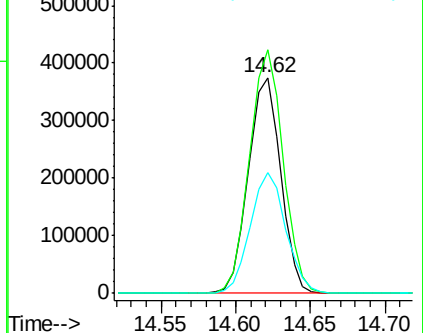
160 55.8 35.8 53.6#



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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 75.149 ng

RT: 12.82 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

Tgt Ion:216 Resp: 1264807

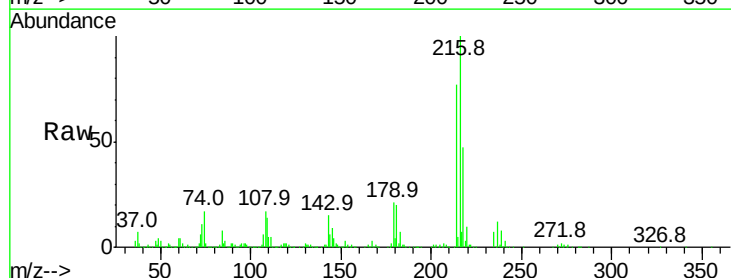
Ion Ratio Lower Upper

216 100

214 78.3 0.0 0.0#

179 21.5 0.0 0.0#

108 21.7 0.0 0.0#

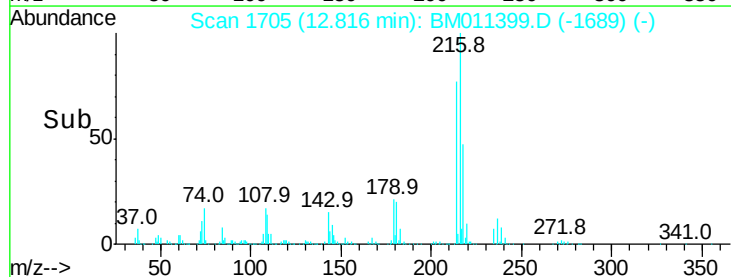
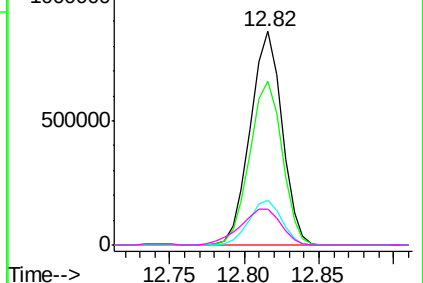


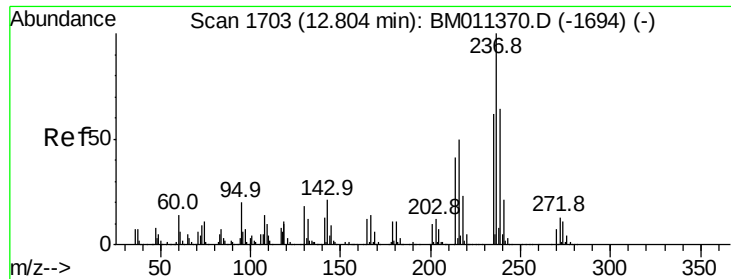
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

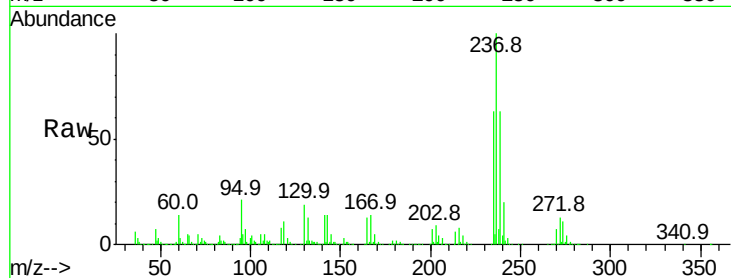




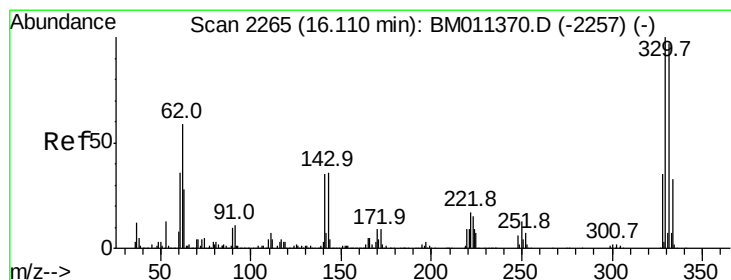
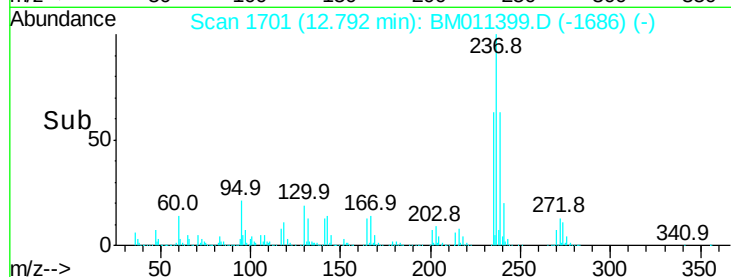
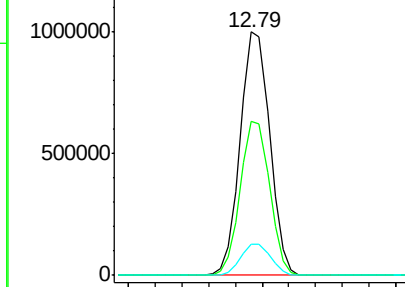
#40
Hexachlorocyclopentadiene
Concen: 198.798 ng
RT: 12.79 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:237 Resp: 1533844
Ion Ratio Lower Upper
237 100
235 63.4 42.0 82.0
272 12.6 0.0 33.4

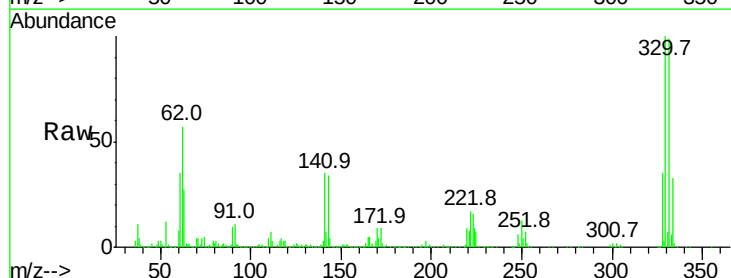


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

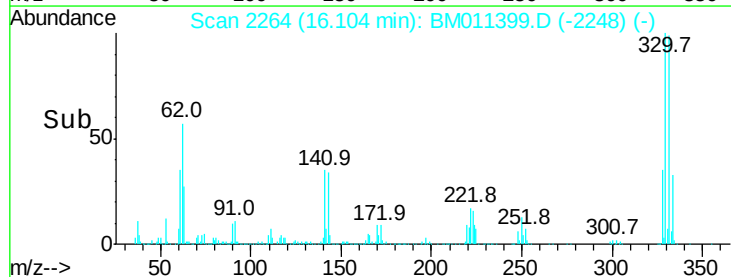
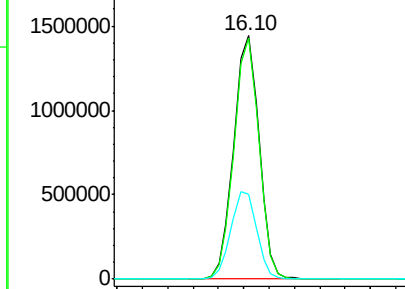


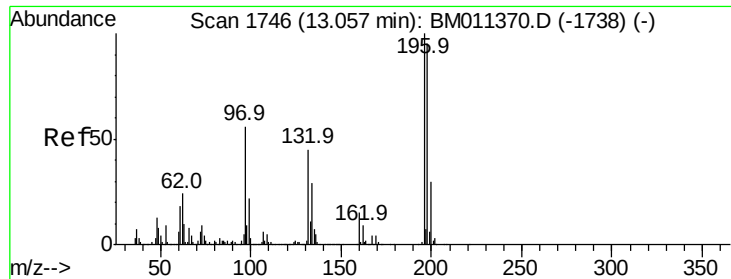
#41
2,4,6-Tribromophenol
Concen: 310.099 ng
RT: 16.10 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Tgt Ion:330 Resp: 2006560
Ion Ratio Lower Upper
330 100
332 97.2 0.0 0.0#
141 36.7 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





#42

2,4,6-Trichlorophenol

Concen: 84.861 ng

RT: 13.05 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

Instrument :

BNA_M

ClientSampleId :

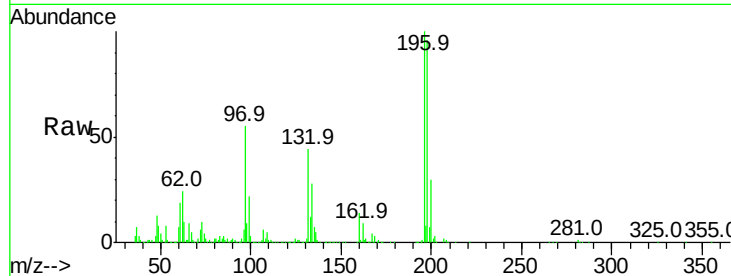
Tot Ion:196 Resp: 945454

Ion Ratio Lower Upper

196 100

198 95.8 76.3 114.5

200 30.3 25.6 38.4

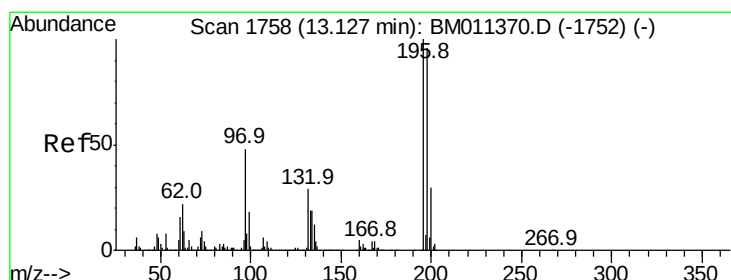
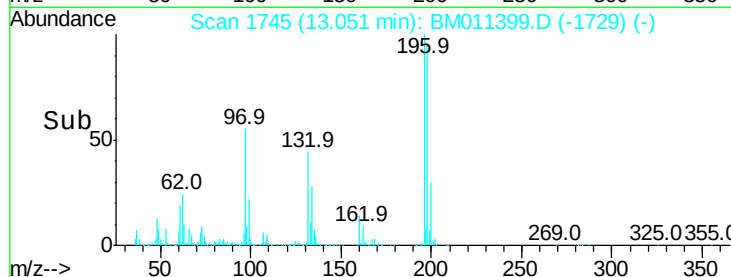
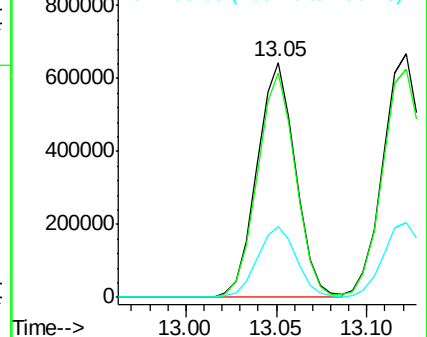


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 91.313 ng

RT: 13.12 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

Tgt Ion:196 Resp: 1033202

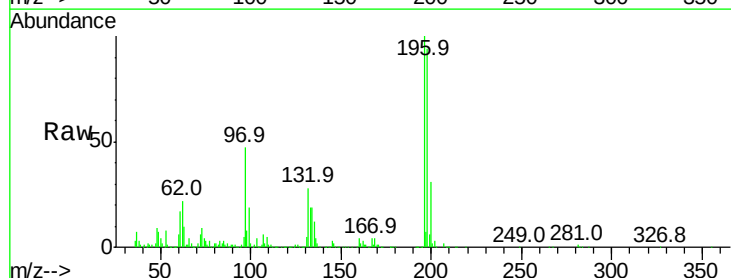
Ion Ratio Lower Upper

196 100

198 93.6 79.4 119.0

97 47.5 26.8 40.2#

132 27.8 18.6 28.0



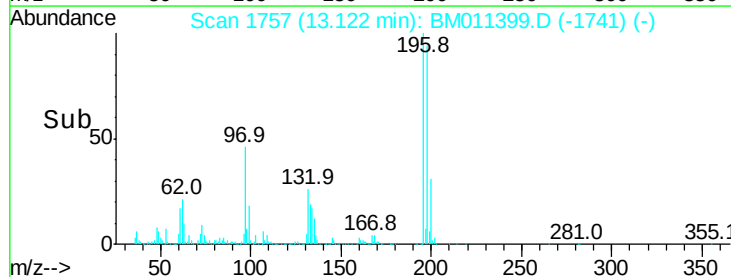
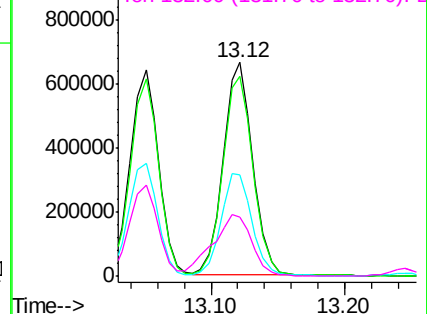
Abundance

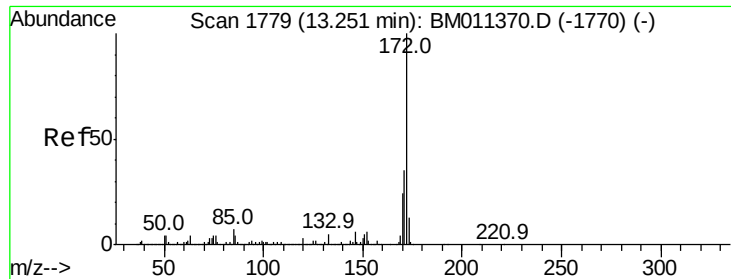
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E

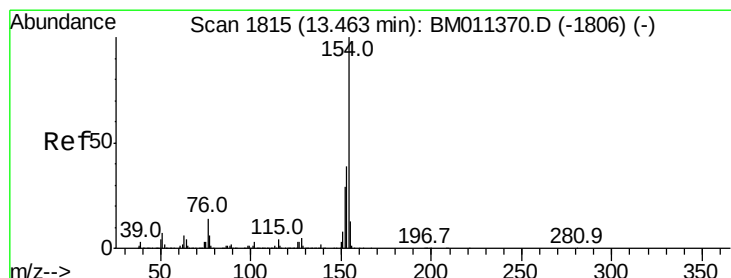
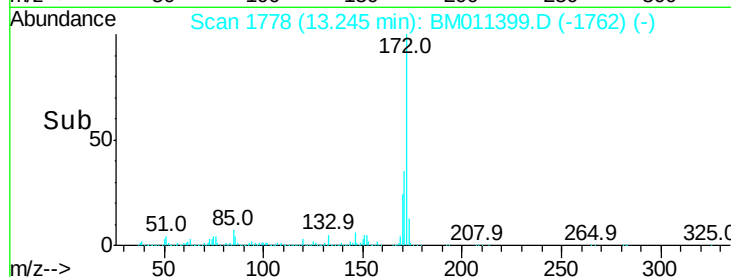
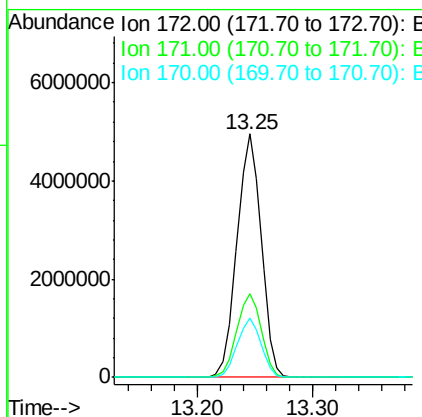
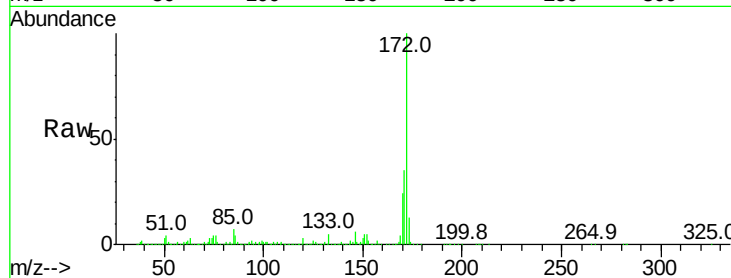




#44
2-Fluorobiphenyl
Concen: 185.847 ng
RT: 13.25 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

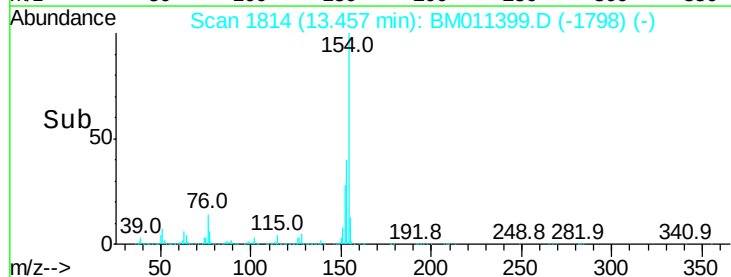
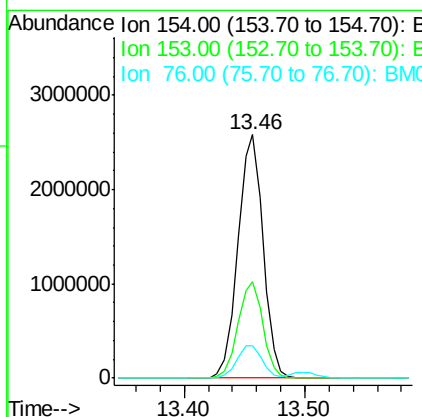
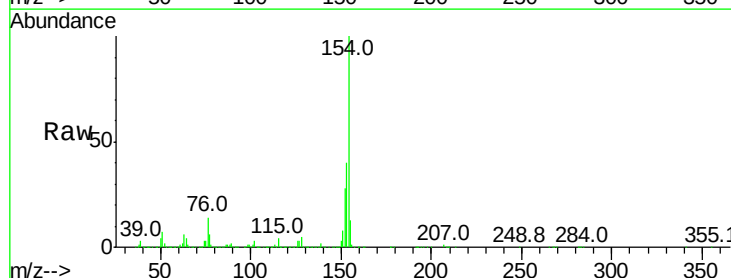
Instrument :
BNA_M
ClientSampleId :

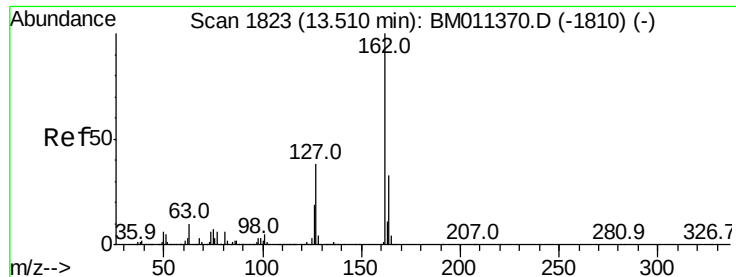
Tot Ion:172 Resp: 7210751
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 24.1 18.8 28.2



#45
1,1'-Biphenyl
Concen: 75.230 ng
RT: 13.46 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Tgt Ion:154 Resp: 3735316
Ion Ratio Lower Upper
154 100
153 39.5 20.7 60.7
76 13.6 0.0 30.9

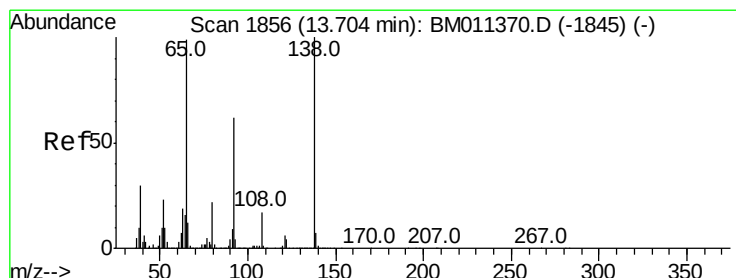
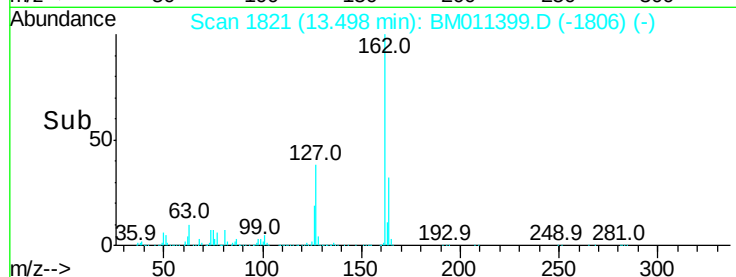
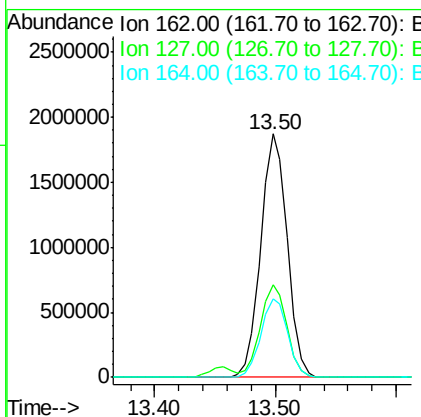
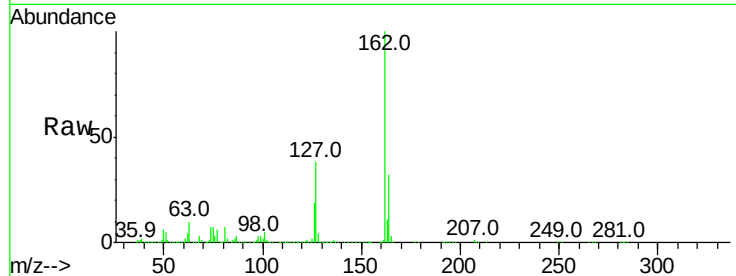




#46
2-Chloronaphthalene
Concen: 77.375 ng
RT: 13.50 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

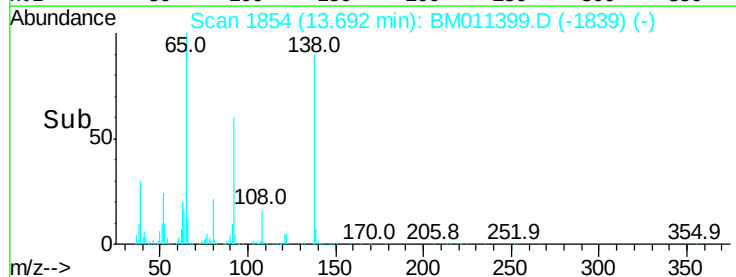
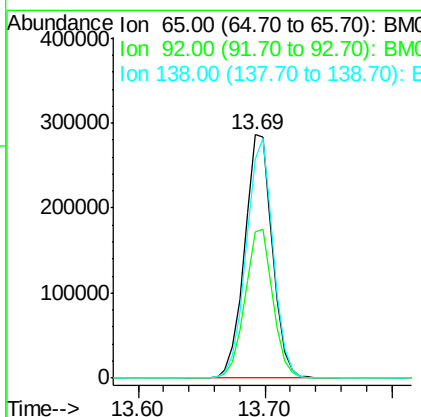
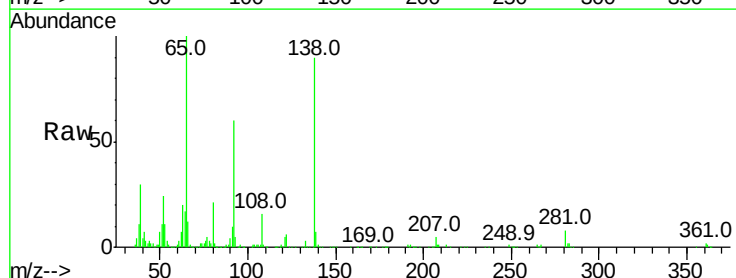
Instrument :
BNA_M
ClientSampled :

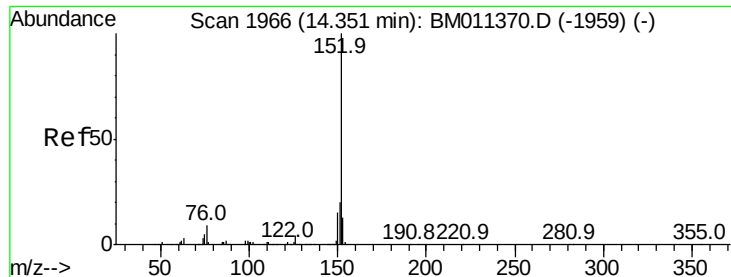
Tot Ion:162 Resp: 2853903
Ion Ratio Lower Upper
162 100
127 37.9 26.9 40.3
164 32.4 26.8 40.2



#47
2-Nitroaniline
Concen: 38.630 ng
RT: 13.69 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Tgt Ion: 65 Resp: 438073
Ion Ratio Lower Upper
65 100
92 59.9 59.1 88.7
138 90.3 93.9 140.9#





#48

Acenaphthylene

Concen: 16.460 ng

RT: 14.34 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

Instrument :

BNA_M

ClientSampleId :

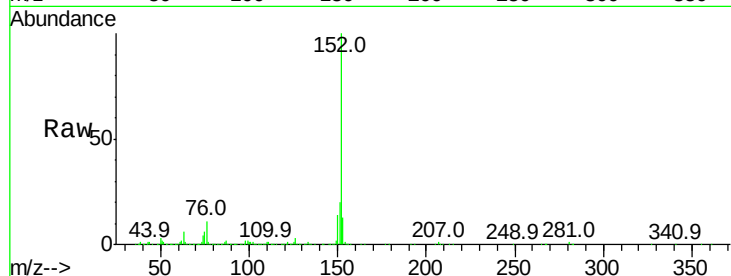
Tot Ion:152 Resp: 945954

Ion Ratio Lower Upper

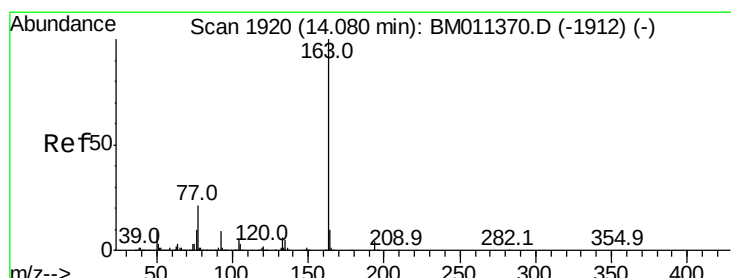
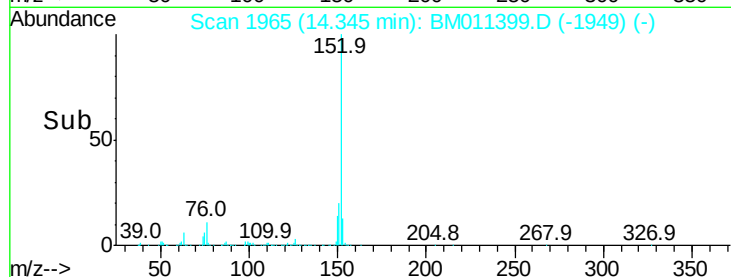
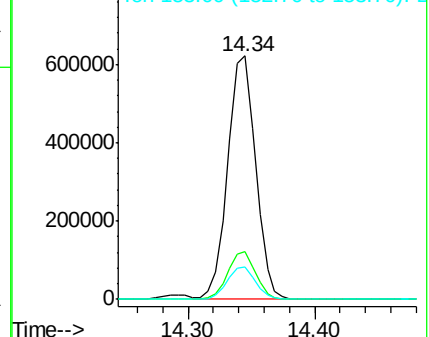
152 100

151 19.8 15.9 23.9

153 13.2 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 82.421 ng

RT: 14.07 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

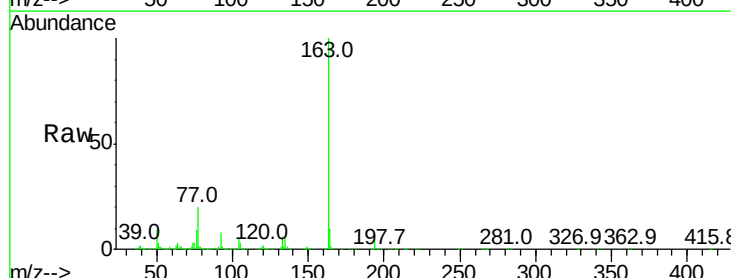
Tgt Ion:163 Resp: 3662861

Ion Ratio Lower Upper

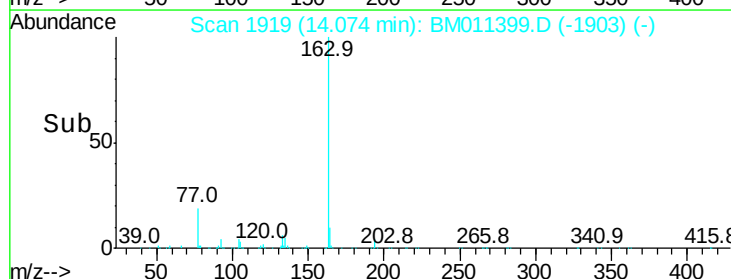
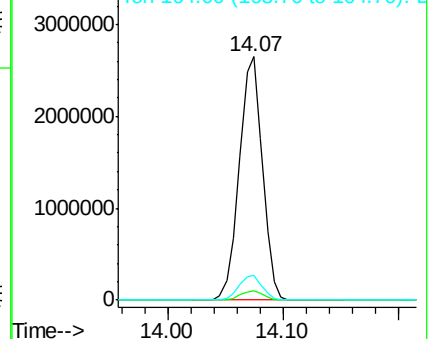
163 100

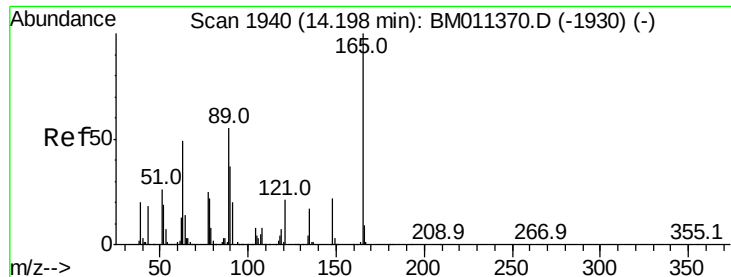
194 3.8 2.7 4.1

164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

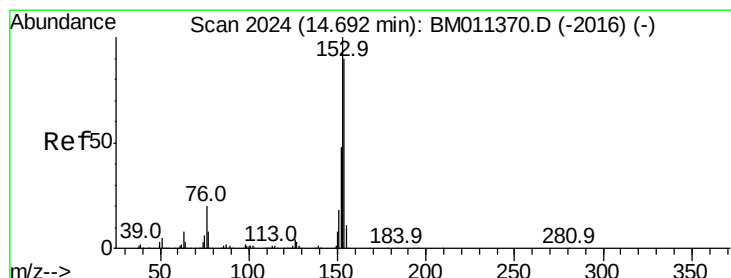
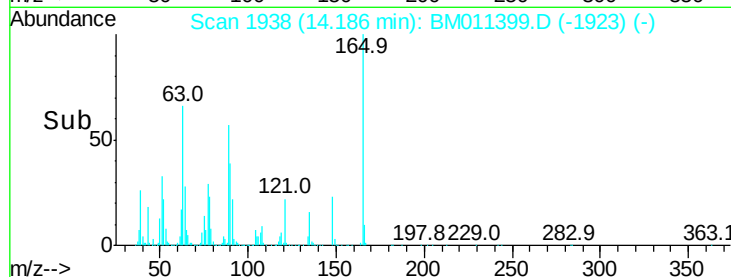
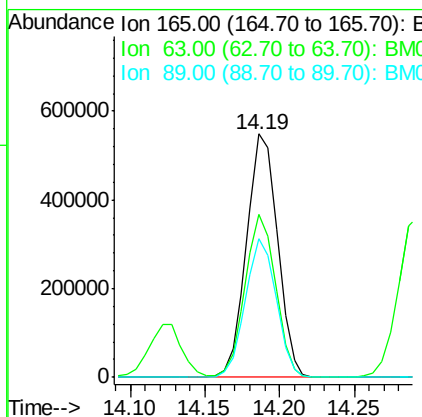
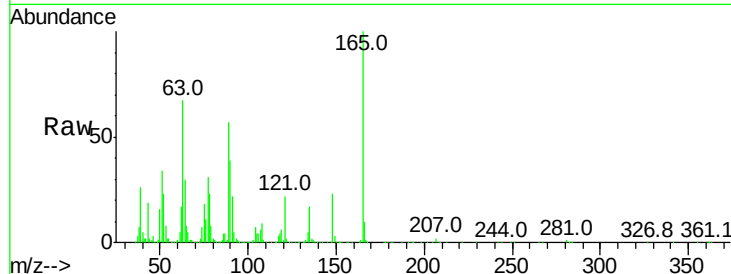




#50
 2,6-Dinitrotoluene
 Concen: 93.792 ng
 RT: 14.19 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BM011399.D
 Acq: 01 Sep 2017 07:48

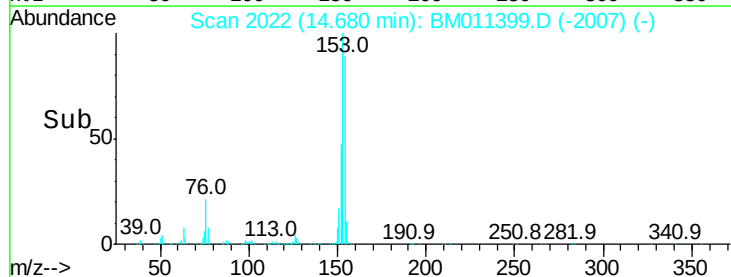
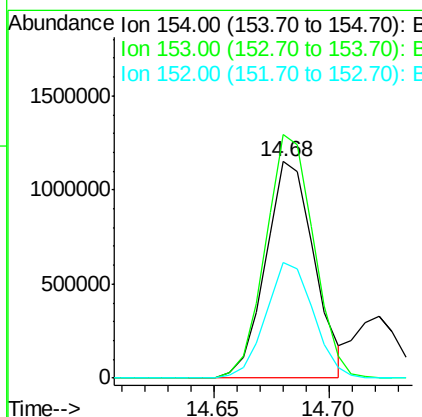
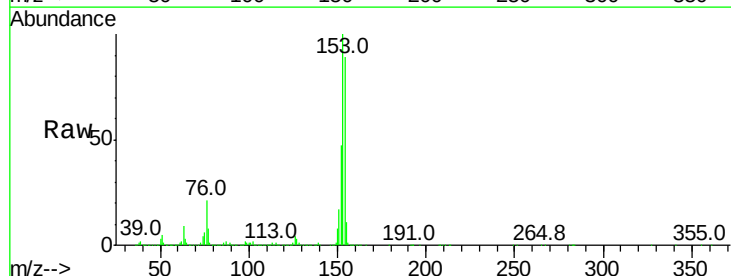
Instrument :
 BNA_M
 ClientSampleId :

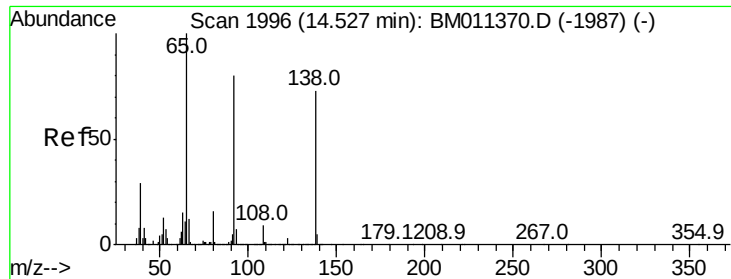
Tot Ion:165 Resp: 789231
 Ion Ratio Lower Upper
 165 100
 63 66.8 44.1 66.1#
 89 57.0 44.3 66.5



#51
 Acenaphthene
 Concen: 44.812 ng
 RT: 14.68 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BM011399.D
 Acq: 01 Sep 2017 07:48

Tgt Ion:154 Resp: 1672296
 Ion Ratio Lower Upper
 154 100
 153 112.4 90.0 135.0
 152 53.1 42.6 63.8

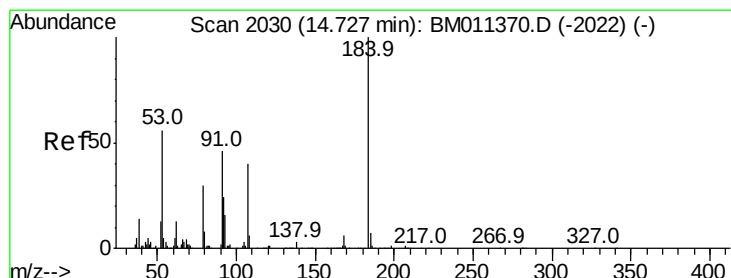
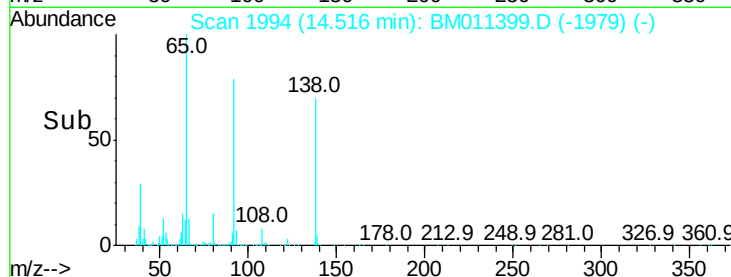
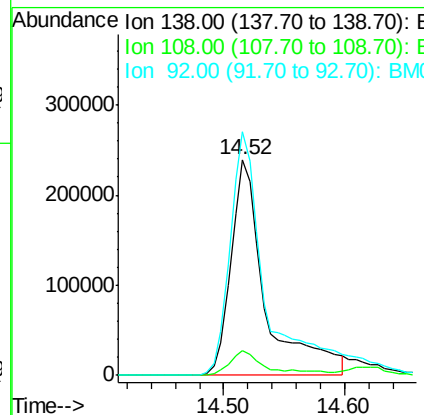
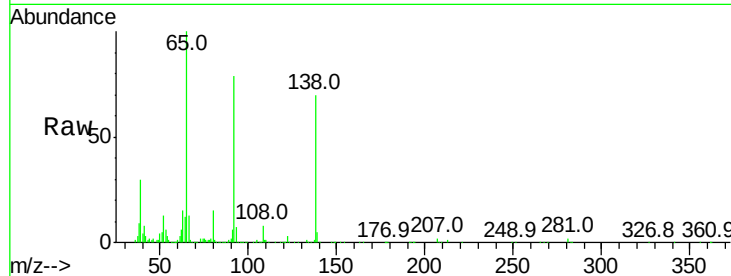




#52
3-Nitroaniline
Concen: 43.901 ng
RT: 14.52 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

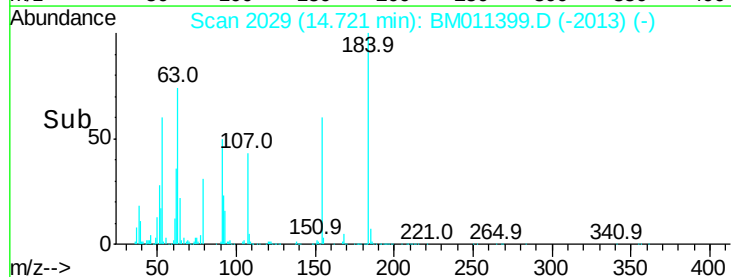
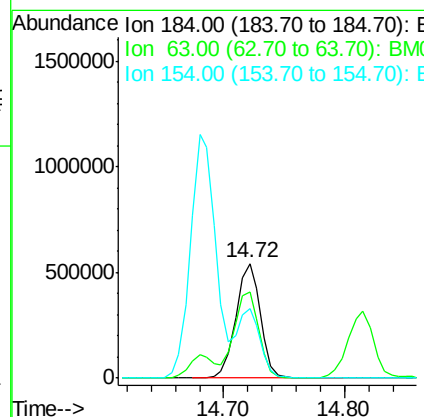
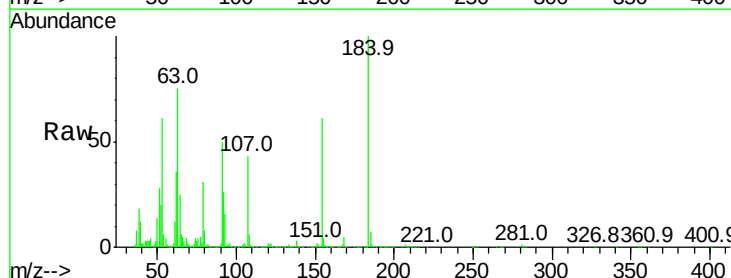
Instrument :
BNA_M
ClientSampled :

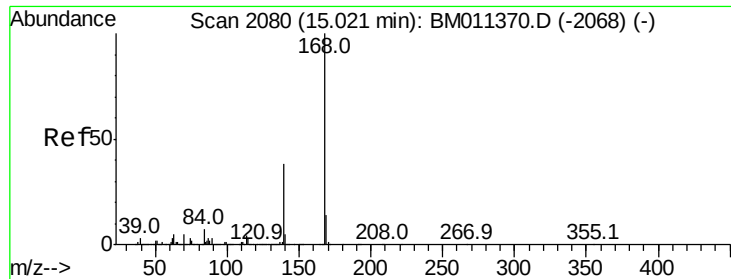
Tot Ion:138 Resp: 479836
Ion Ratio Lower Upper
138 100
108 11.3 7.3 10.9#
92 112.8 76.6 114.8



#53
2,4-Dinitrophenol
Concen: 144.558 ng
RT: 14.72 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Tgt Ion:184 Resp: 767133
Ion Ratio Lower Upper
184 100
63 74.6 69.2 103.8
154 61.0 53.3 79.9





#54

Dibenzofuran

Concen: 87.718 ng

RT: 15.02 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

Instrument :

BNA_M

ClientSampleId :

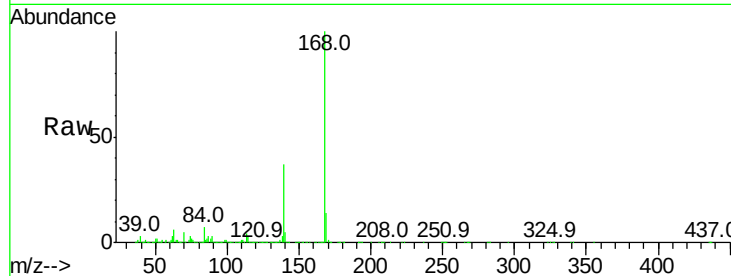
Tot Ion:168 Resp: 4513820

Ion	Ratio	Lower	Upper
168	100		
139	37.3	27.3	40.9
169	13.7	10.6	16.0

168 100

139 37.3 27.3 40.9

169 13.7 10.6 16.0

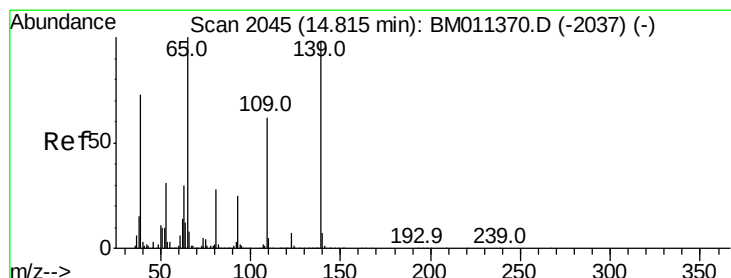
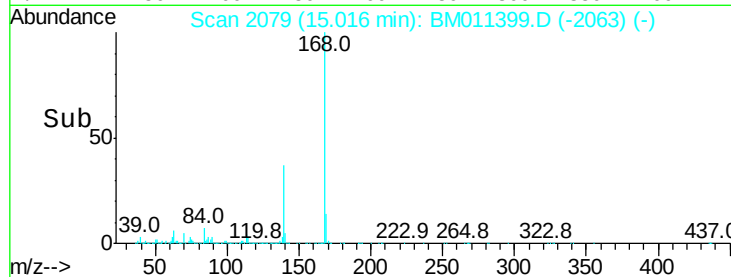
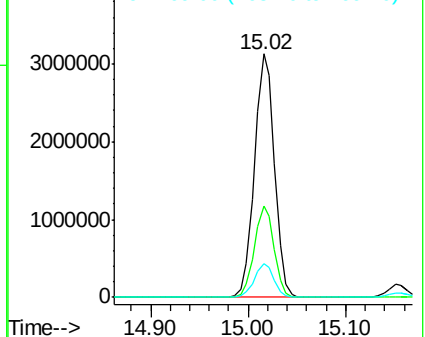


Abundance

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: 178.859 ng

RT: 14.82 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

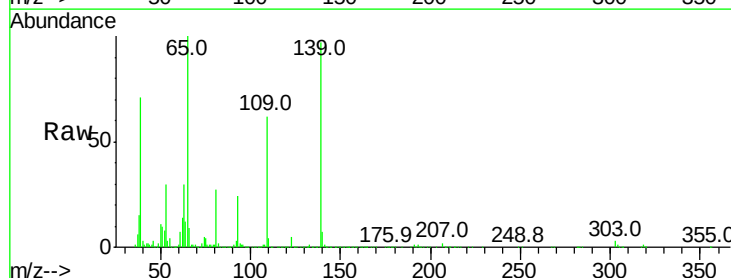
Tgt Ion:139 Resp: 1521373

Ion	Ratio	Lower	Upper
139	100		
109	63.2	130.0	170.0#
65	102.6	130.0	170.0#

139 100

109 63.2 130.0 170.0#

65 102.6 130.0 170.0#

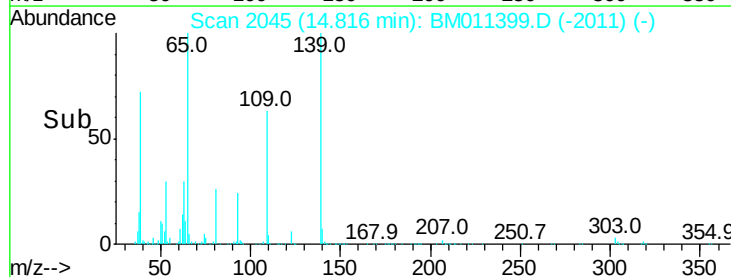
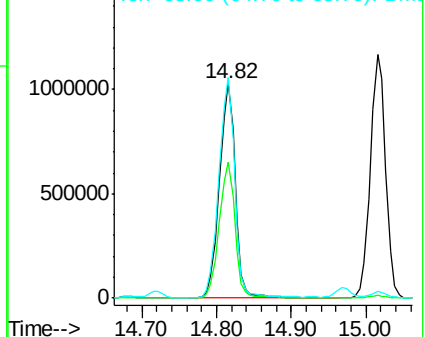


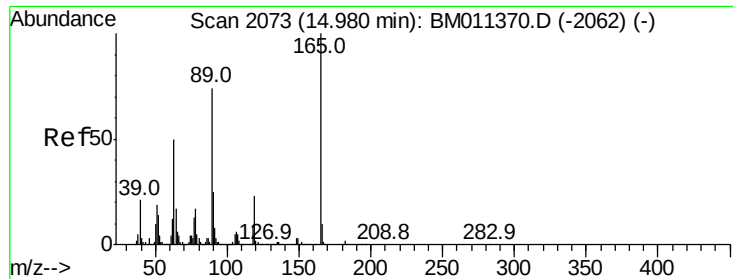
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

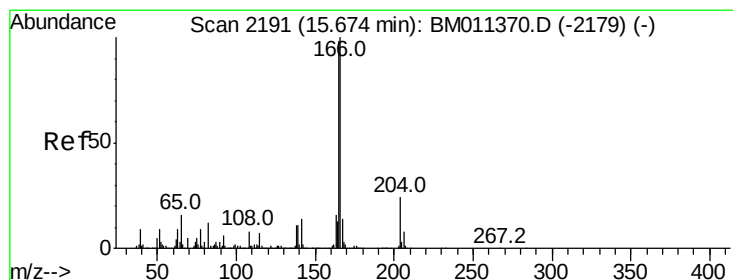
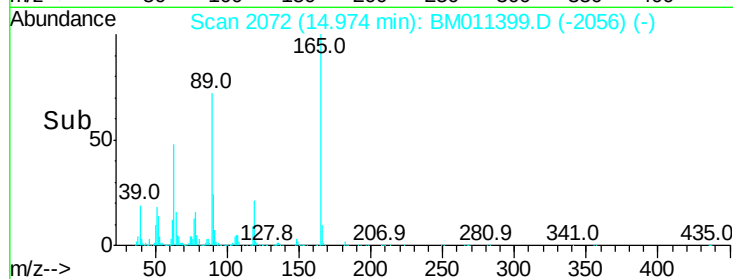
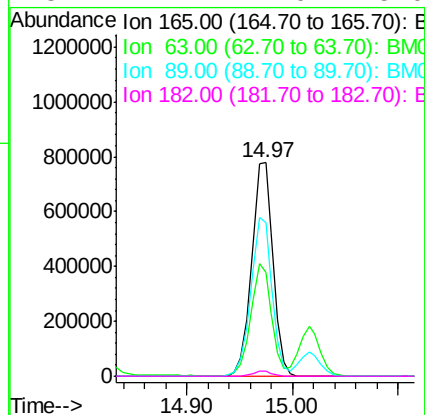
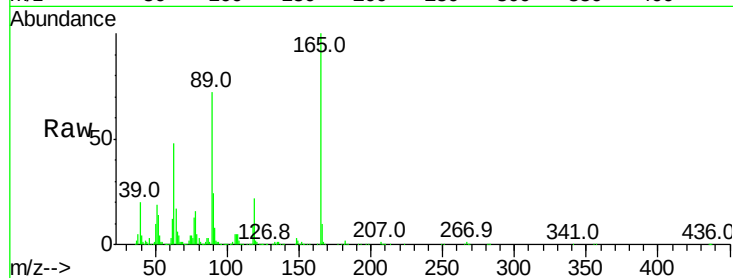




#56
 2,4-Dinitrotoluene
 Concen: 88.080 ng
 RT: 14.97 min Scan# 2072
 Delta R.T. -0.01 min
 Lab File: BM011399.D
 Acq: 01 Sep 2017 07:48

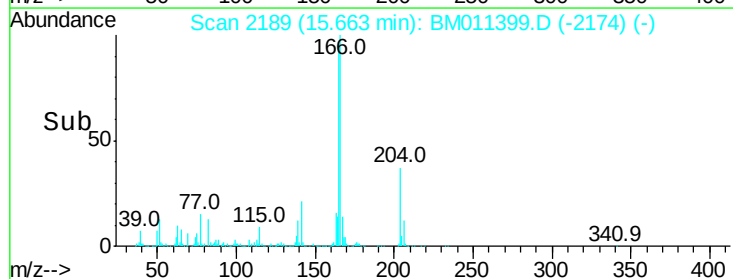
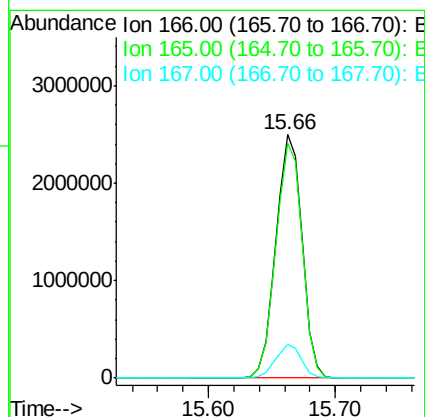
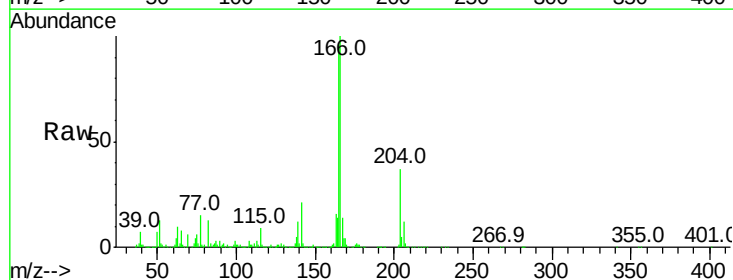
Instrument :
 BNA_M
 ClientSampled :

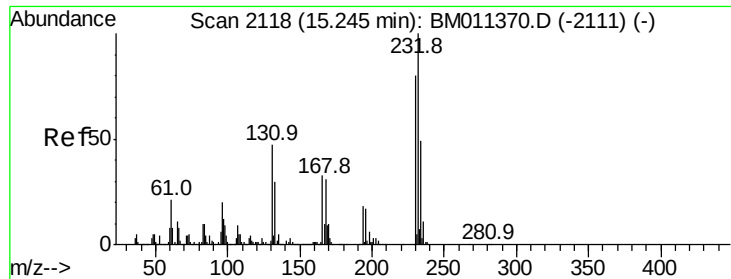
Tot Ion:165 Resp: 1103936
 Ion Ratio Lower Upper
 165 100
 63 48.3 52.4 78.6#
 89 72.1 72.4 108.6#
 182 2.2 2.0 3.0



#57
 Fluorene
 Concen: 79.531 ng
 RT: 15.66 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BM011399.D
 Acq: 01 Sep 2017 07:48

Tgt Ion:166 Resp: 3567928
 Ion Ratio Lower Upper
 166 100
 165 96.3 79.0 118.4
 167 13.6 10.3 15.5

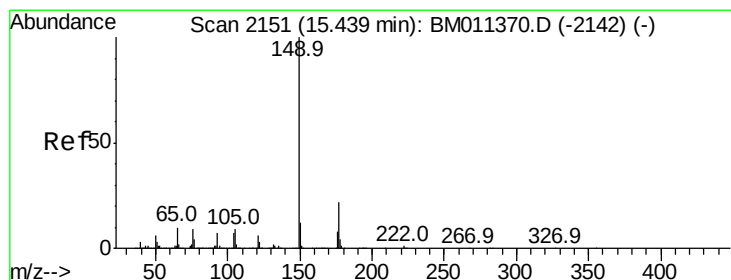
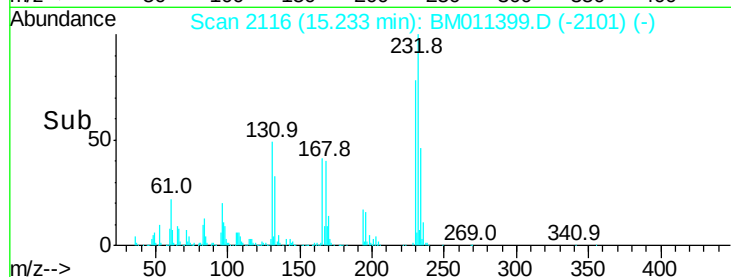
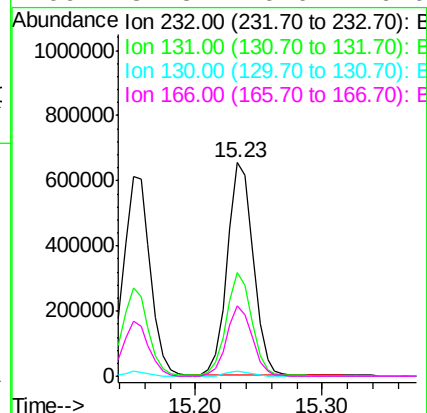
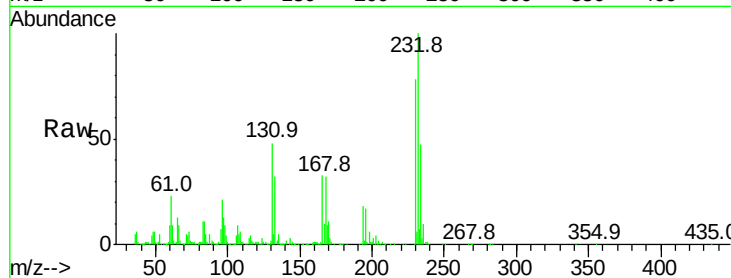




#58
2,3,4,6-Tetrachlorophenol
Concen: 101.255 ng
RT: 15.23 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

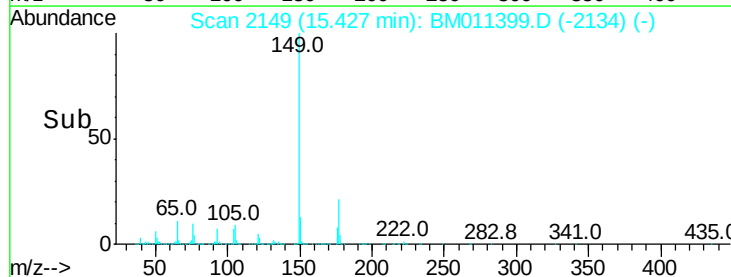
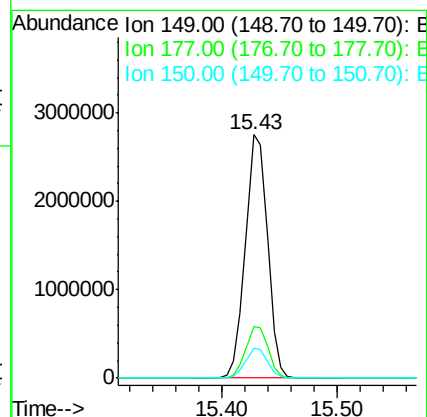
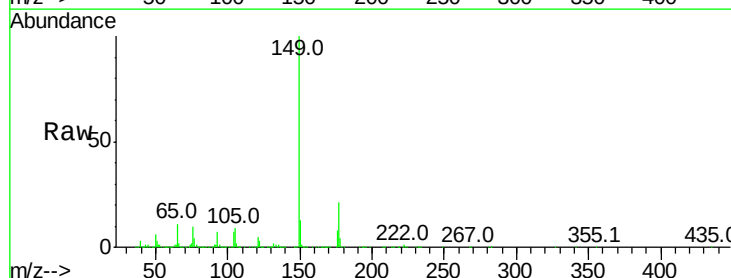
Instrument :
BNA_M
ClientSampleId :

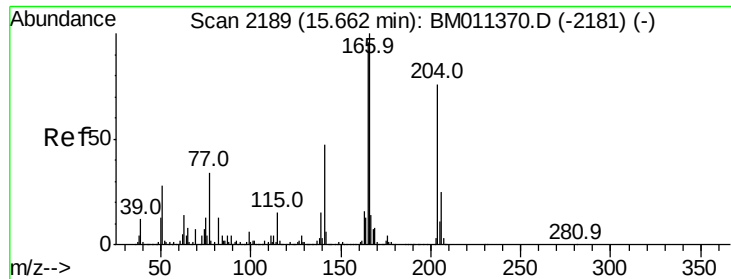
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.5	0.0	0.0#
130	2.3	0.0	0.0#
166	32.3	0.0	0.0#



#59
Diethylphthalate
Concen: 80.250 ng
RT: 15.43 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	18.3	27.5
150	12.5	9.8	14.8

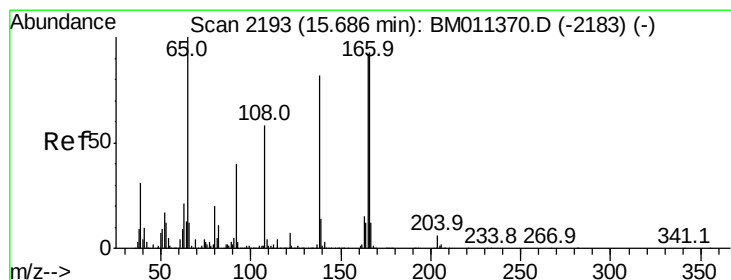
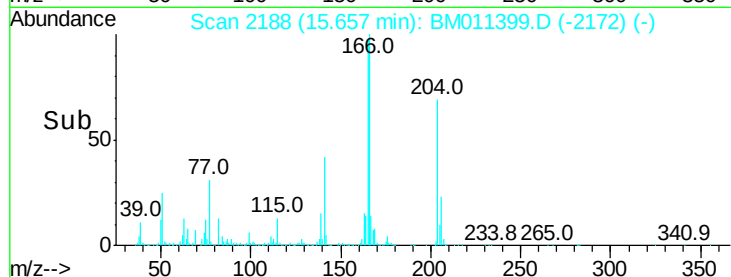
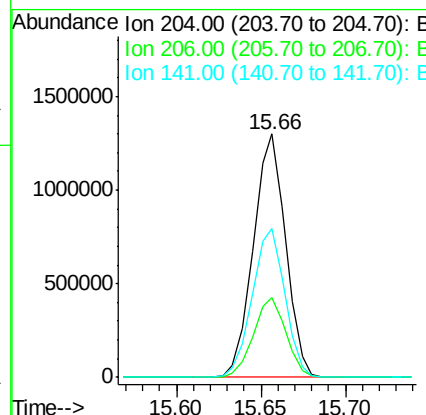
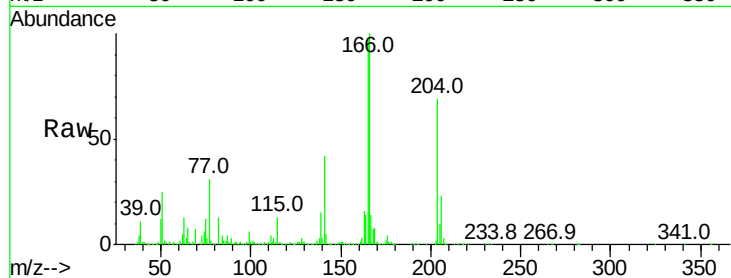




#60
4-Chlorophenyl-phenylether
Concen: 82.773 ng
RT: 15.66 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

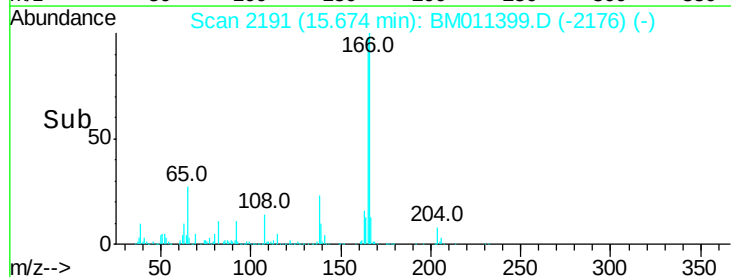
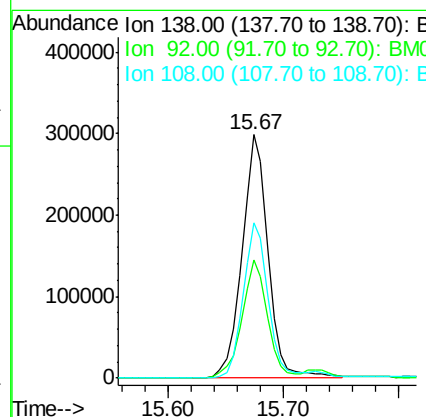
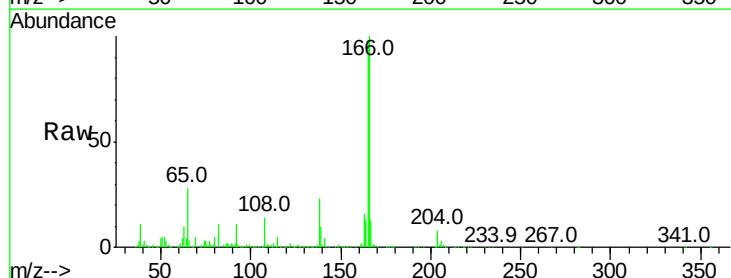
Instrument :
BNA_M
ClientSampleId :

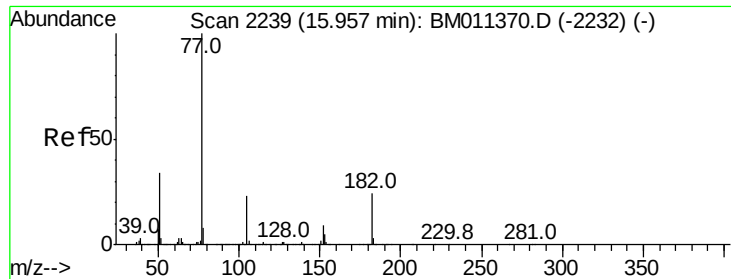
Tot Ion:204 Resp: 1732086
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 61.2 45.2 67.8



#61
4-Nitroaniline
Concen: 41.083 ng
RT: 15.67 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Tgt Ion:138 Resp: 466777
Ion Ratio Lower Upper
138 100
92 48.7 16.7 56.7
108 63.7 37.6 77.6

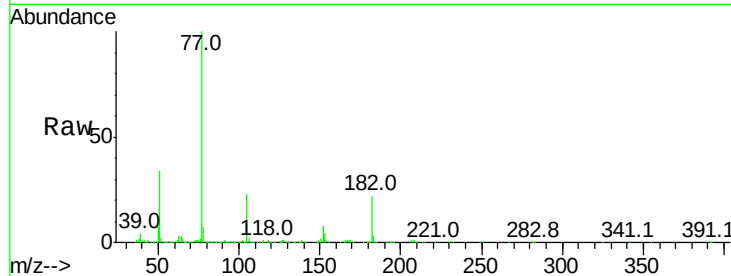




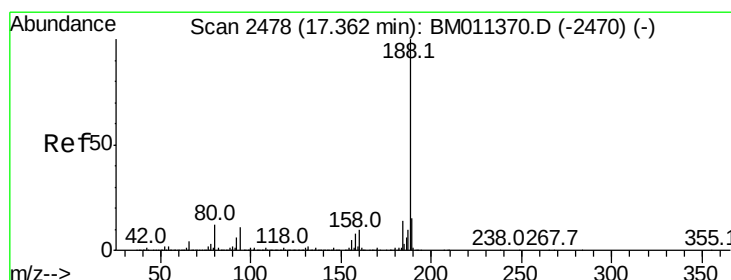
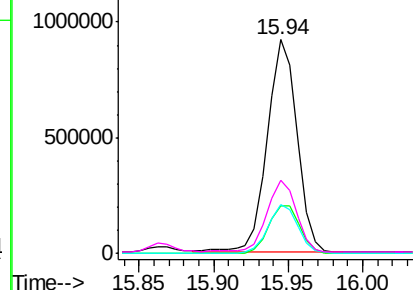
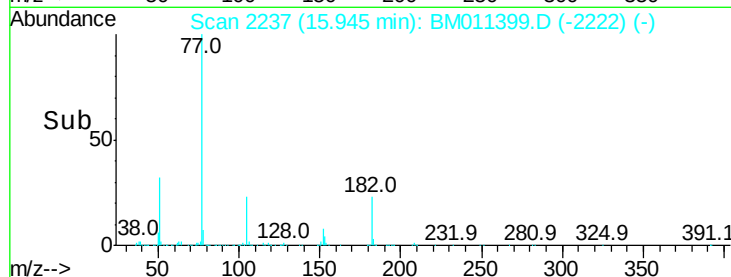
#62
Azobenzene
Concen: 30.634 ng
RT: 15.94 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 1264151
Ion Ratio Lower Upper
77 100
182 22.4 6.5 46.5
105 22.5 3.8 43.8
51 33.9 5.5 45.5

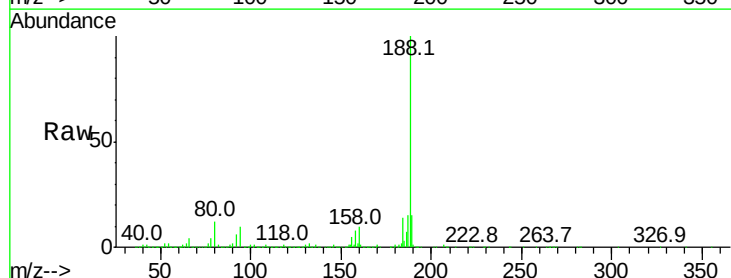


Abundance Ion 77.00 (76.70 to 77.70): BM011399.D (-2222) (-)
Ion 182.00 (181.70 to 182.70): BM011399.D (-2222) (-)
Ion 105.00 (104.70 to 105.70): BM011399.D (-2222) (-)
Ion 51.00 (50.70 to 51.70): BM011399.D (-2222) (-)

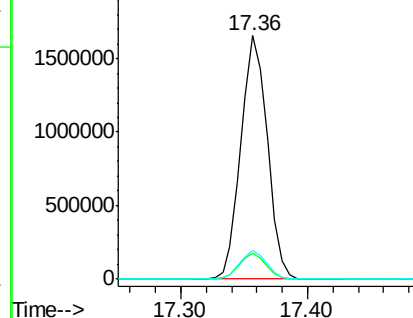
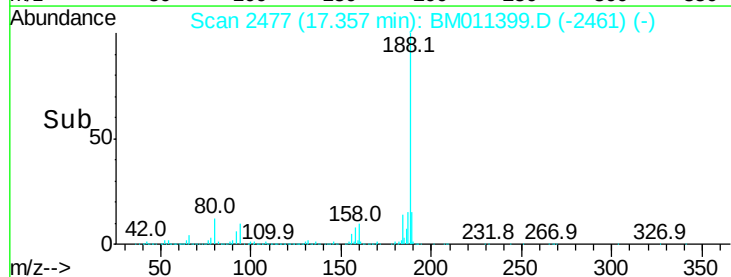


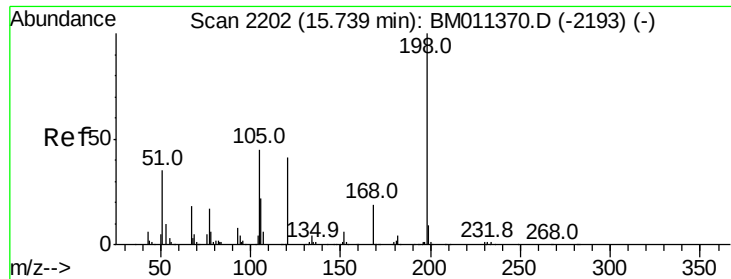
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Tgt Ion: 188 Resp: 2389223
Ion Ratio Lower Upper
188 100
94 10.5 8.7 13.1
80 11.7 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): BM011399.D (-2461) (-)
Ion 94.00 (93.70 to 94.70): BM011399.D (-2461) (-)
Ion 80.00 (79.70 to 80.70): BM011399.D (-2461) (-)

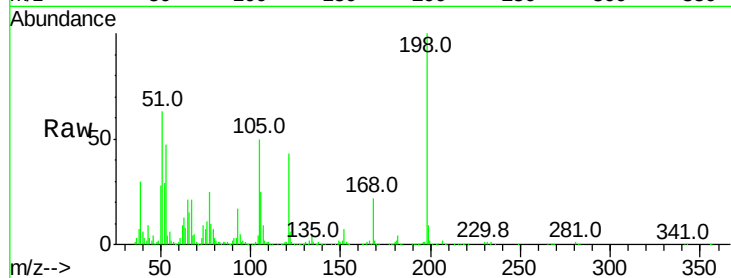




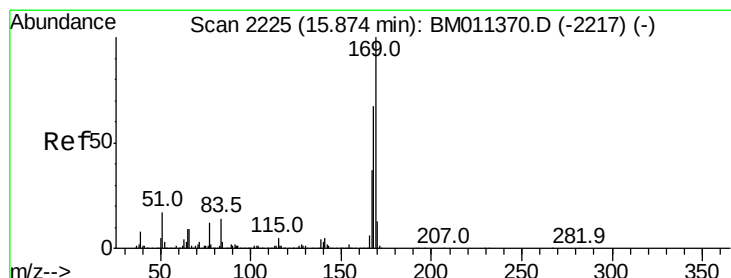
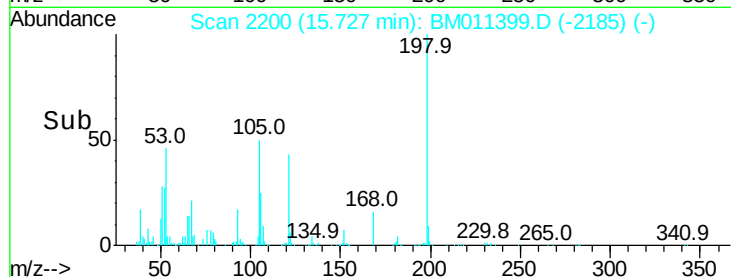
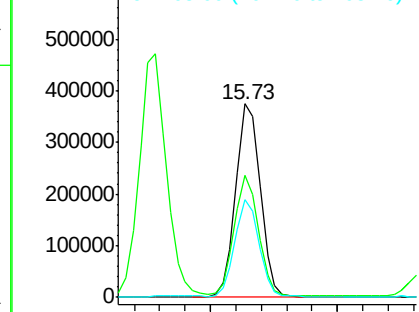
#64
4,6-Dinitro-2-methylphenol
Concen: 52.244 ng
RT: 15.73 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Instrument :
BNA_M
ClientSampled :

Tot Ion:198 Resp: 503404
Ion Ratio Lower Upper
198 100
51 63.0 28.8 68.8
105 50.5 30.5 70.5

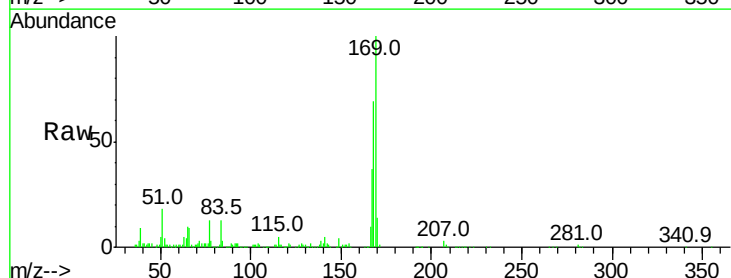


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM011370.D (-2193) (-)
Ion 105.00 (104.70 to 105.70): E

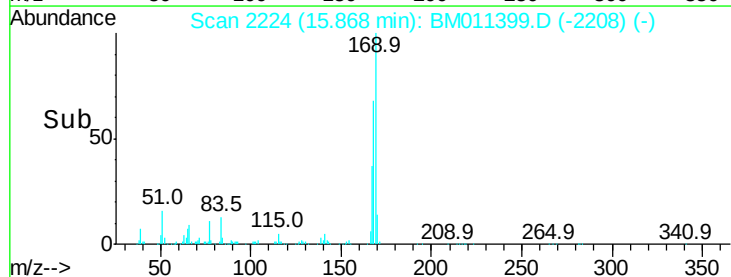
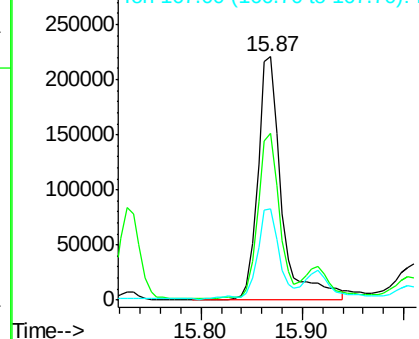


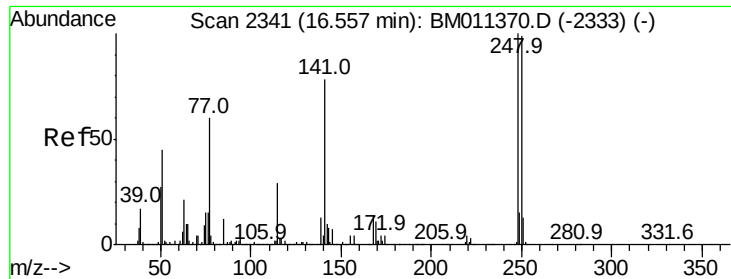
#65
n-Nitrosodiphenylamine
Concen: 4.799 ng
RT: 15.87 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Tgt Ion:169 Resp: 361326
Ion Ratio Lower Upper
169 100
168 68.7 53.9 80.9
167 37.4 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

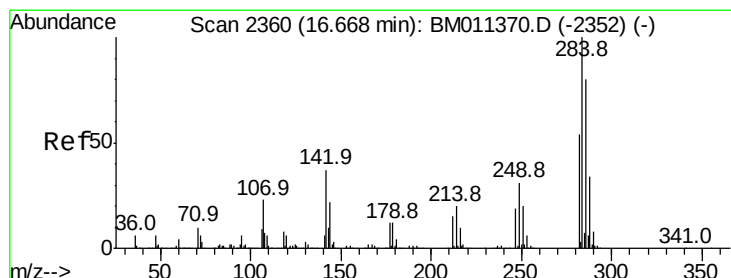
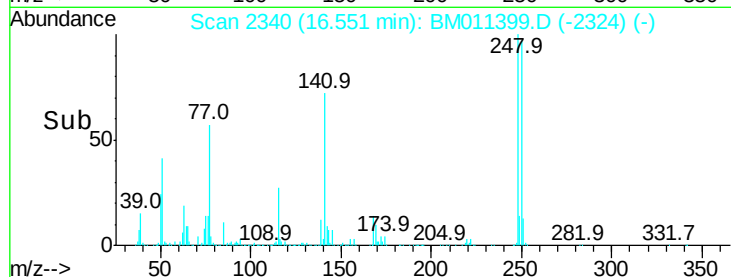
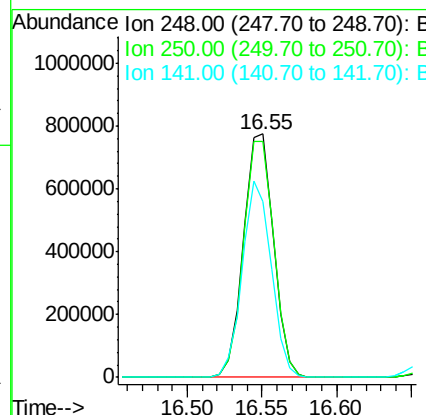
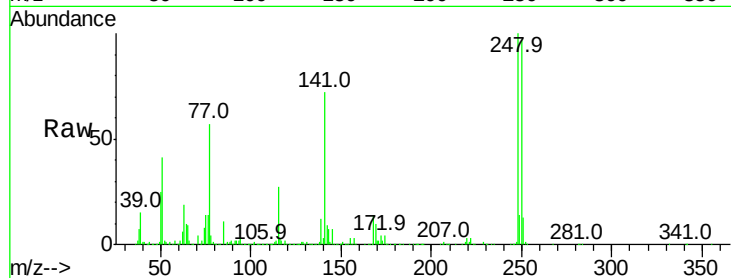




#66
4-Bromophenyl-phenylether
Concen: 43.117 ng
RT: 16.55 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

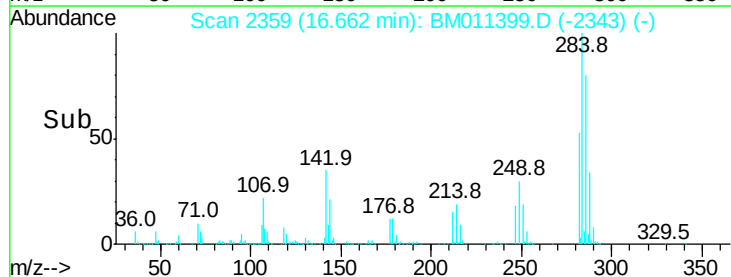
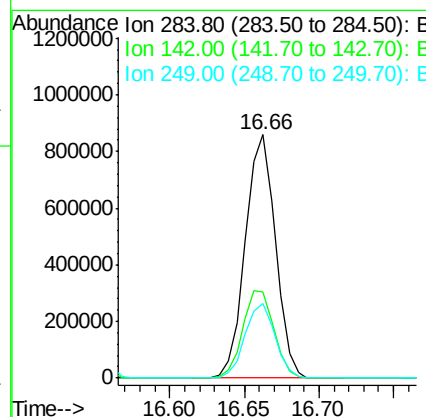
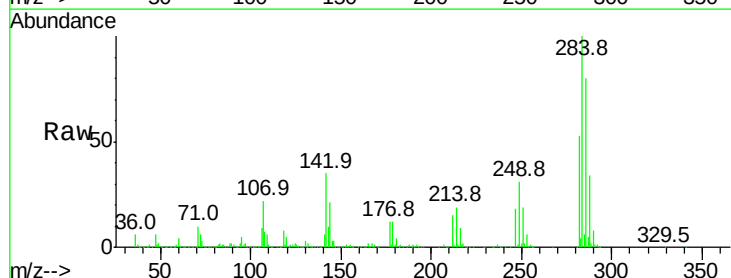
Instrument :
BNA_M
ClientSampleId :

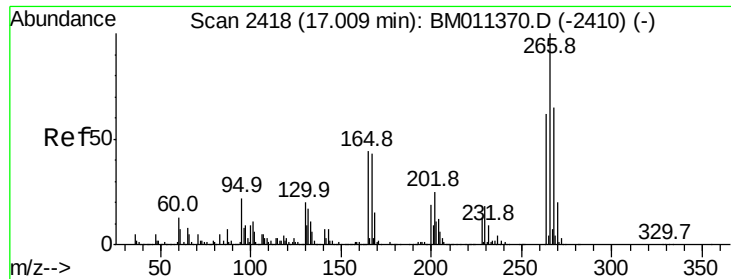
Tot Ion:248 Resp: 1083580
Ion Ratio Lower Upper
248 100
250 96.8 77.4 116.0
141 72.0 45.2 67.8#



#67
Hexachlorobenzene
Concen: 40.711 ng
RT: 16.66 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Tgt Ion:284 Resp: 1200662
Ion Ratio Lower Upper
284 100
142 35.4 20.4 30.6#
249 30.6 23.8 35.6





#69

Pentachlorophenol

Concen: 97.365 ng

RT: 17.00 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

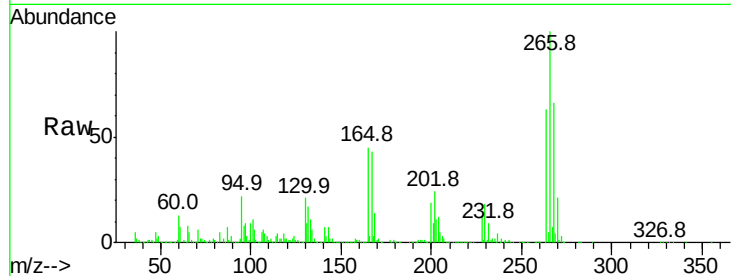
Instrument :

BNA_M

ClientSampleId :

Tot Ion:266 Resp: 1576419

Ion	Ratio	Lower	Upper
266	100		
268	65.7	52.0	78.0
264	63.0	49.0	73.4

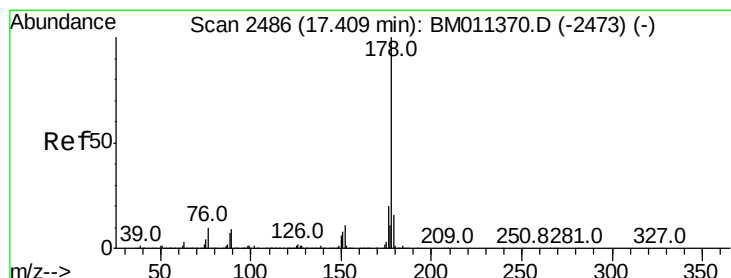
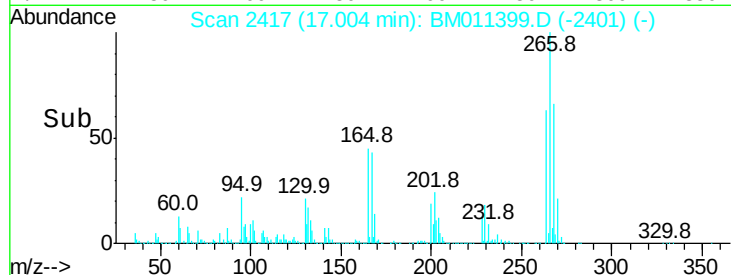
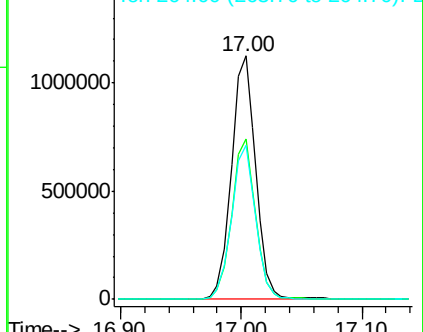


Abundance

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: 44.219 ng

RT: 17.40 min Scan# 2485

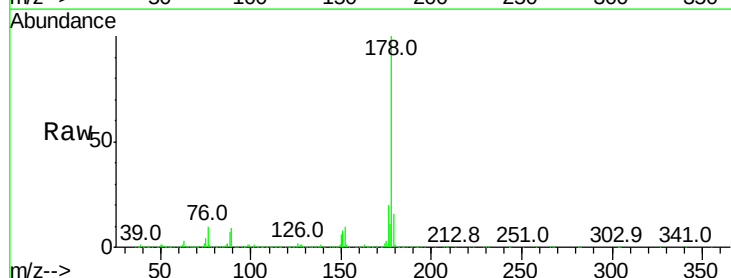
Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

Tgt Ion:178 Resp: 5883694

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.2	22.8
179	15.8	12.1	18.1

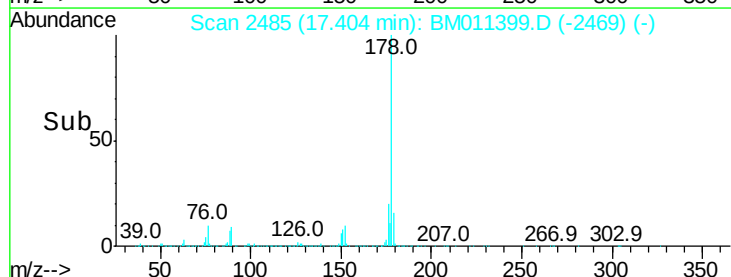
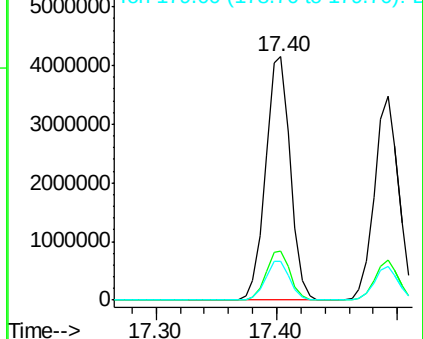


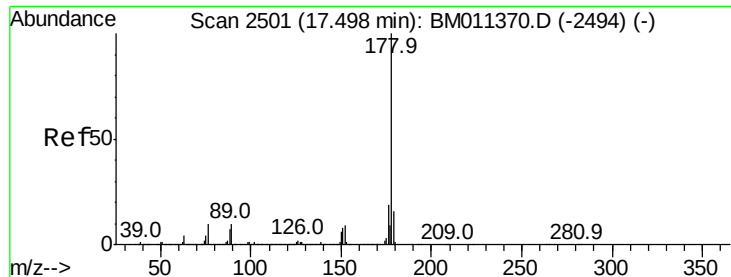
Abundance

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: 36.102 ng

RT: 17.49 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

Instrument :

BNA_M

ClientSampled :

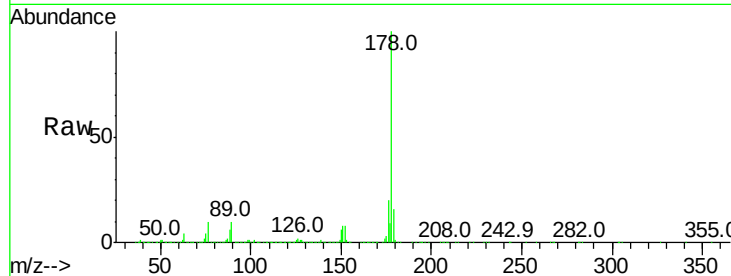
Tot Ion:178 Resp: 4830298

Ion Ratio Lower Upper

178 100

176 19.6 14.6 22.0

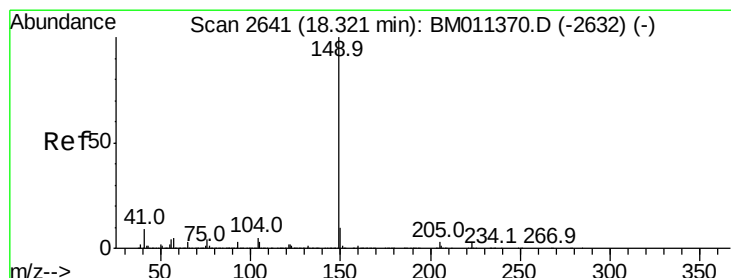
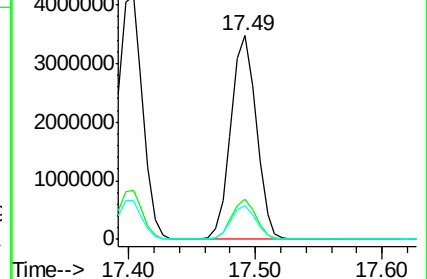
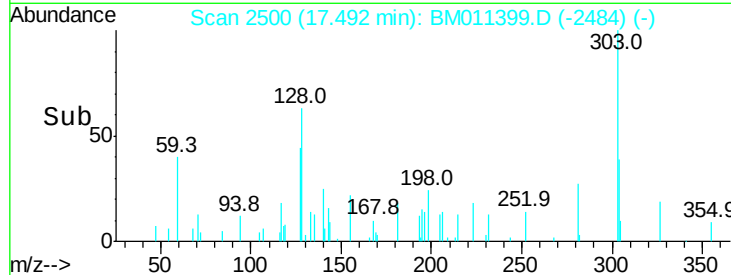
179 16.5 12.6 19.0



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



#73

Di-n-butylphthalate

Concen: 42.841 ng

RT: 18.32 min Scan# 2640

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

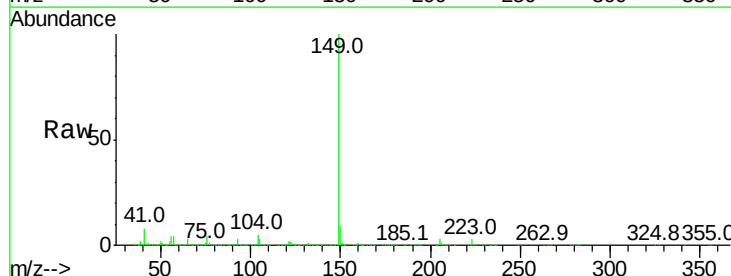
Tgt Ion:149 Resp: 6417623

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

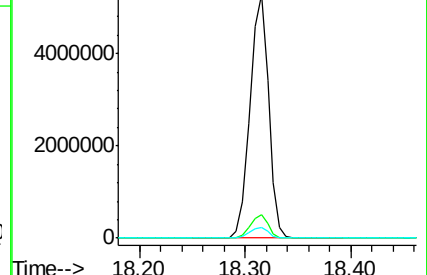
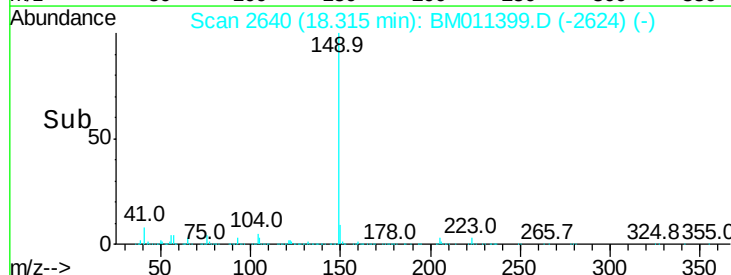
104 4.6 3.7 5.5

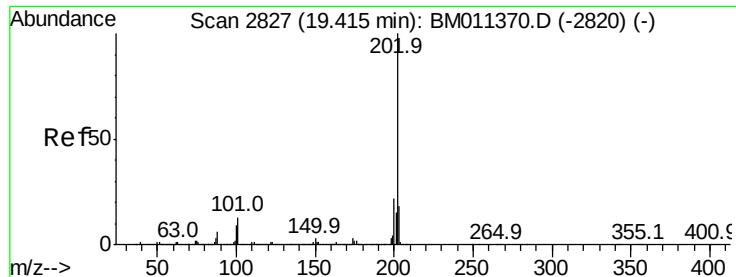


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

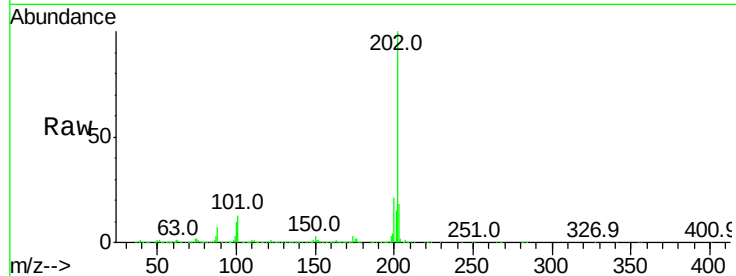




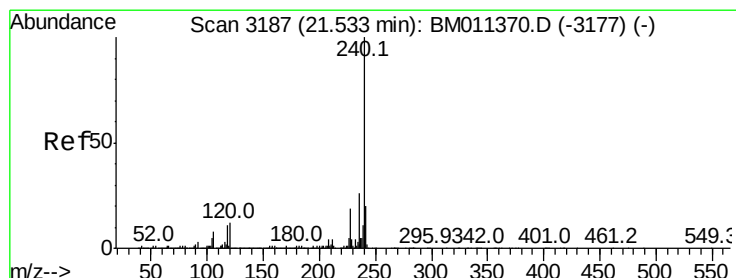
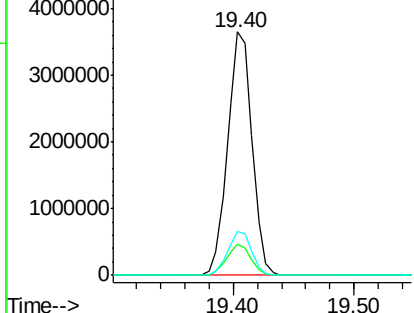
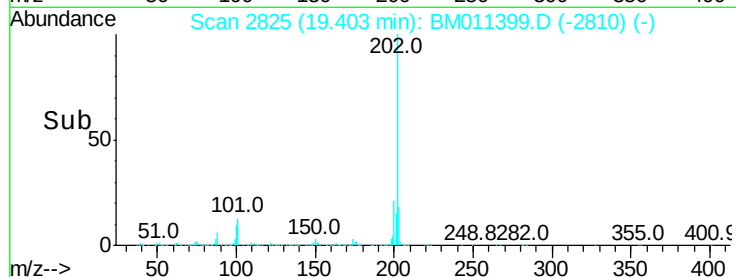
#74
Fluoranthene
Concen: 33.628 ng
RT: 19.40 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 5105532
Ion Ratio Lower Upper
202 100
101 12.8 0.0 28.7
203 18.0 0.0 37.2

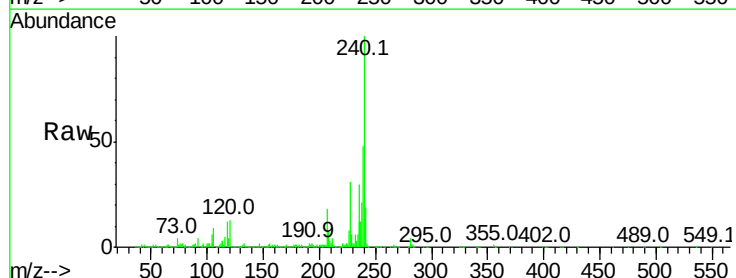


Abundance Ion 202.00 (201.70 to 202.70): E
5000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

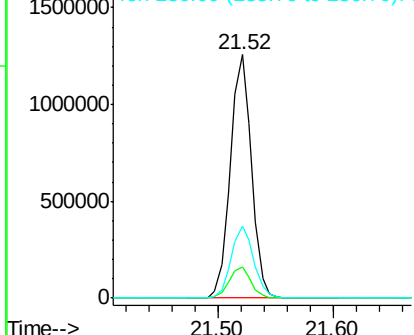
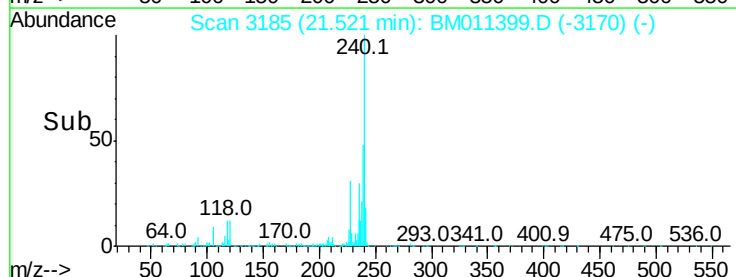


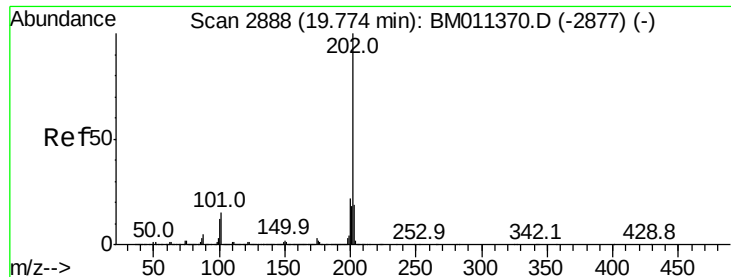
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Tgt Ion:240 Resp: 1592462
Ion Ratio Lower Upper
240 100
120 12.6 8.2 12.2#
236 29.5 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E
1500000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 27.795 ng

RT: 19.77 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

Instrument :

BNA_M

ClientSampleId :

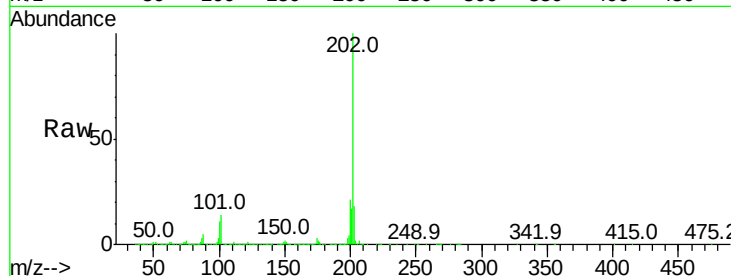
Tot Ion:202 Resp: 2712373

Ion Ratio Lower Upper

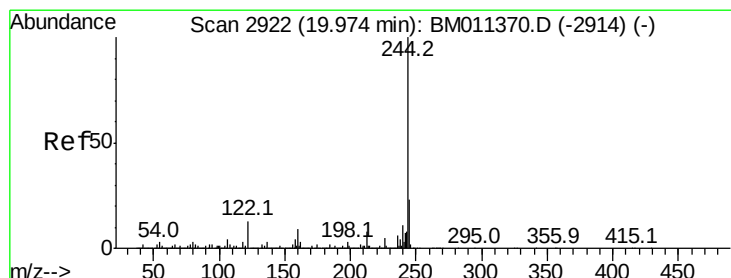
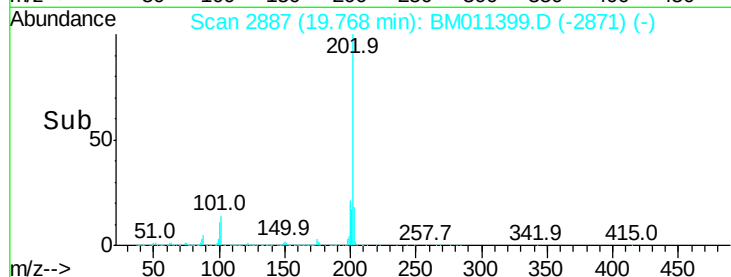
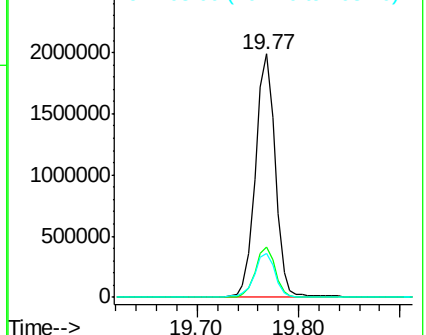
202 100

200 20.9 16.9 25.3

203 18.0 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: 152.524 ng

RT: 19.97 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

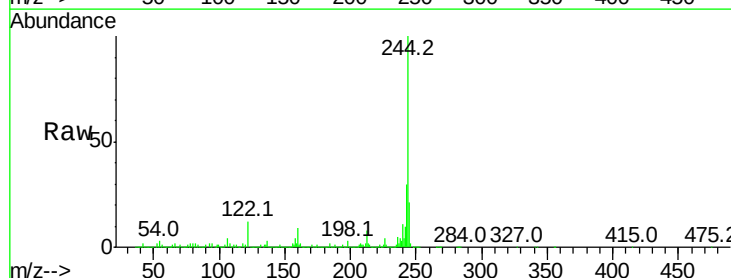
Tgt Ion:244 Resp: 9789102

Ion Ratio Lower Upper

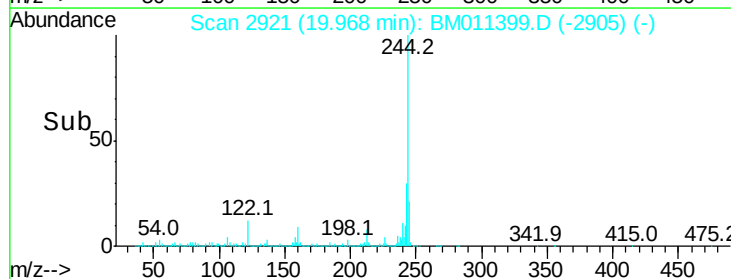
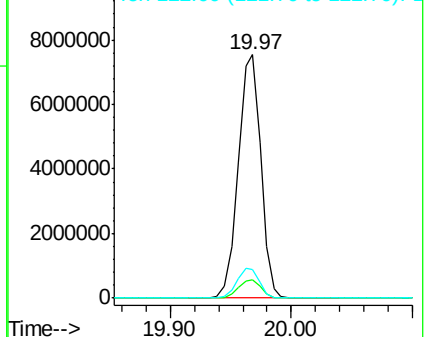
244 100

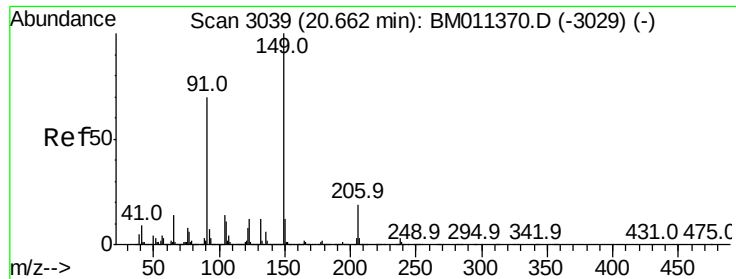
212 7.6 4.9 7.3#

122 11.7 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

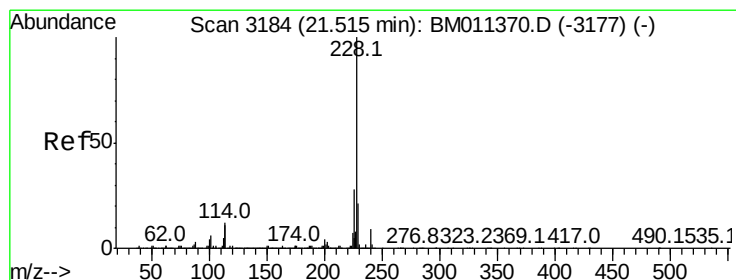
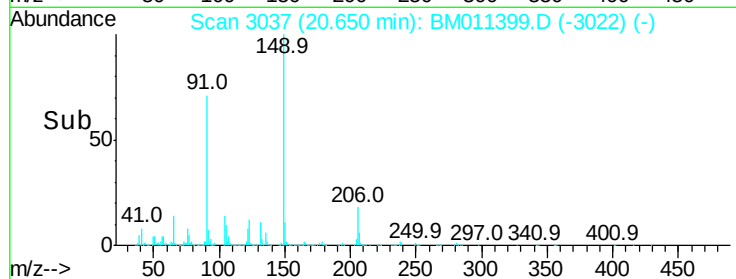
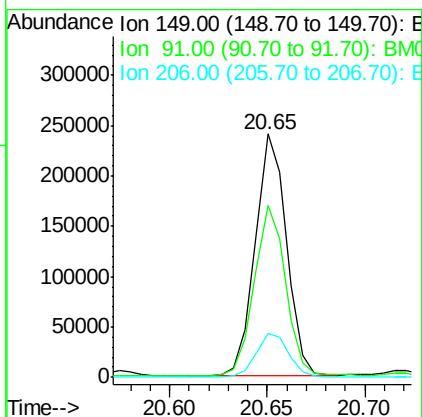
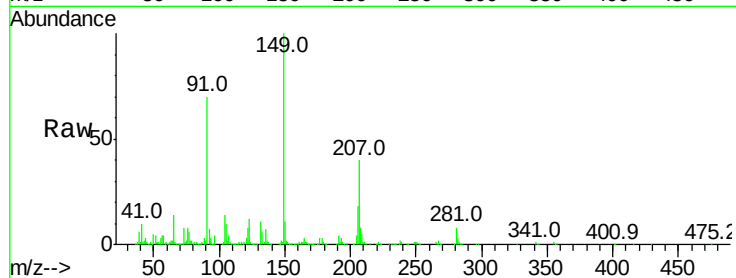




#79
Butylbenzylphthalate
Concen: 6.194 ng
RT: 20.65 min Scan# 3037
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

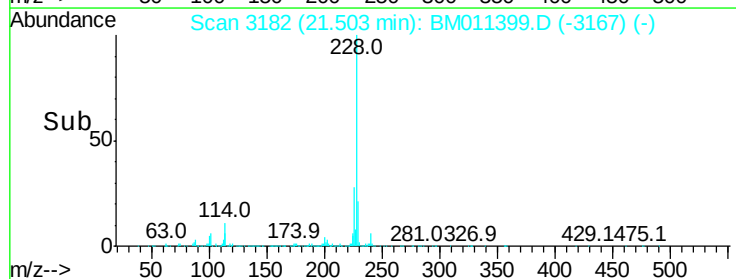
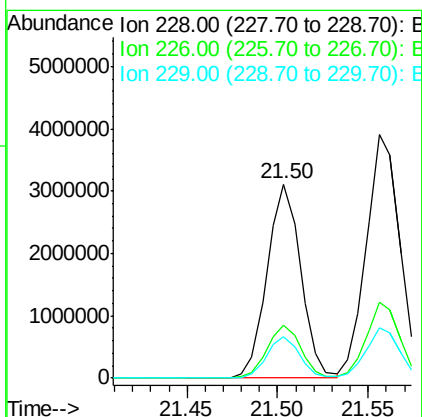
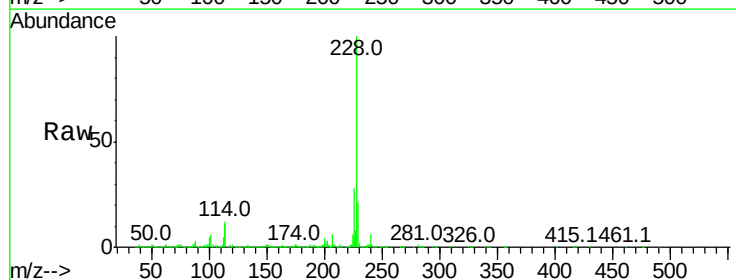
Instrument :
BNA_M
ClientSampleId :

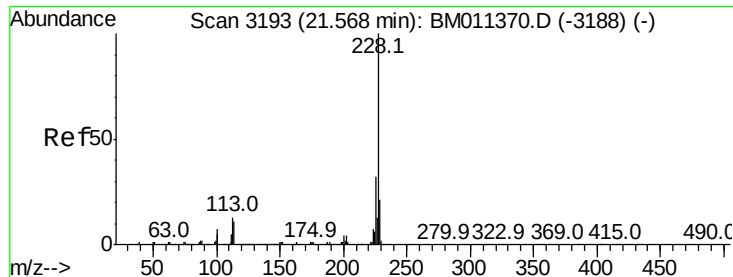
Tot Ion:149 Resp: 267033
Ion Ratio Lower Upper
149 100
91 70.5 50.1 75.1
206 18.0 16.2 24.2



#80
Benzo(a)anthracene
Concen: 45.270 ng
RT: 21.50 min Scan# 3182
Delta R.T. -0.01 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Tgt Ion:228 Resp: 4032053
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 21.2 16.0 24.0





#82

Chrysene

Concen: 59.513 ng

RT: 21.56 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

Instrument :

BNA_M

ClientSampleId :

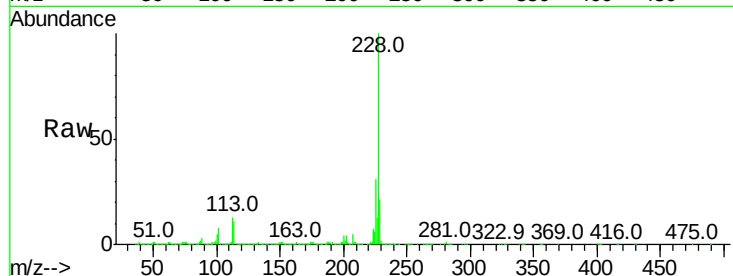
Tot Ion:228 Resp: 4996059

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.1	36.1
229	20.8	15.5	23.3

228 100

226 30.9 24.1 36.1

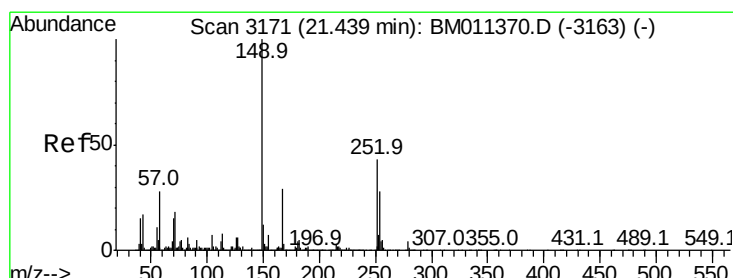
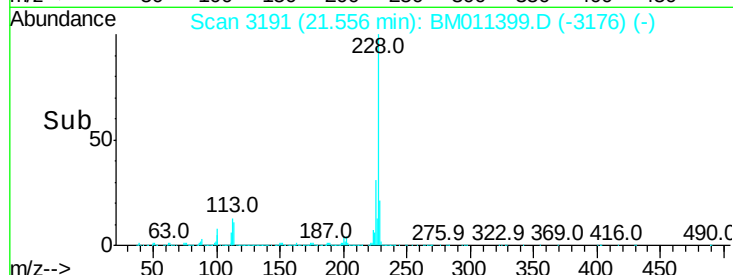
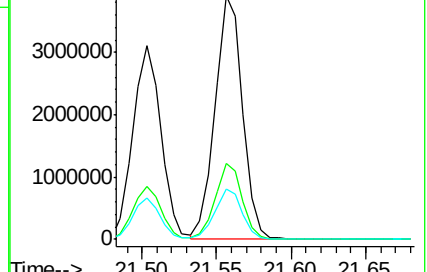
229 20.8 15.5 23.3



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: 73.216 ng

RT: 21.43 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

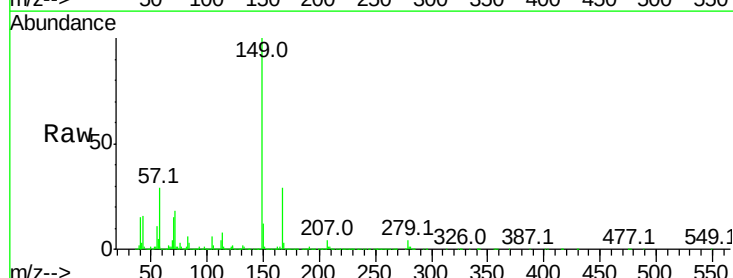
Tgt Ion:149 Resp: 4627349

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.4	33.6
279	3.9	3.4	5.0

149 100

167 28.7 22.4 33.6

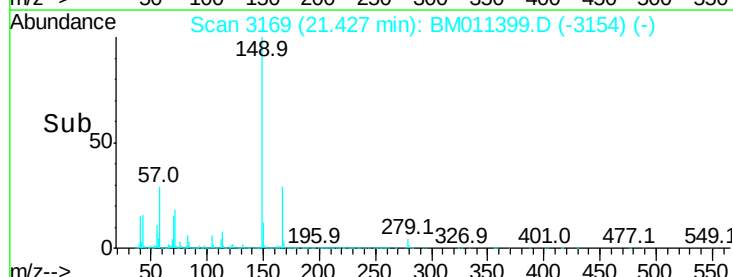
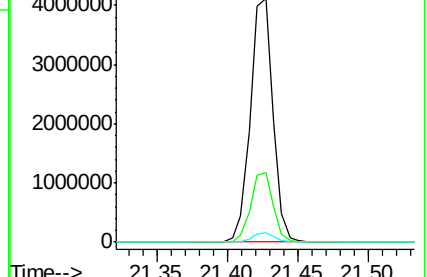
279 3.9 3.4 5.0

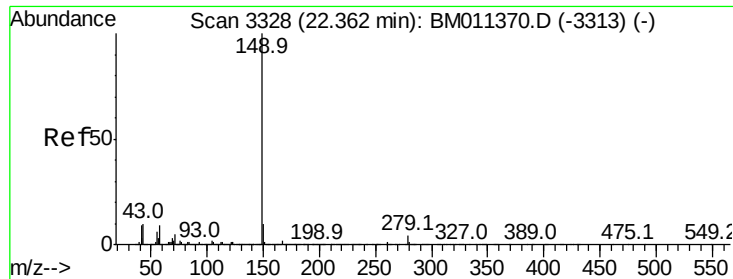


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 72.655 ng

RT: 22.34 min Scan# 3325

Delta R.T. -0.02 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

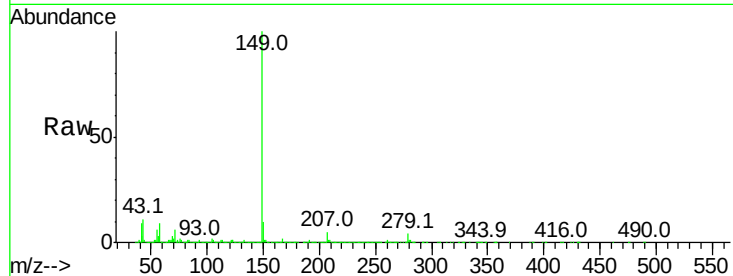
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 7740691

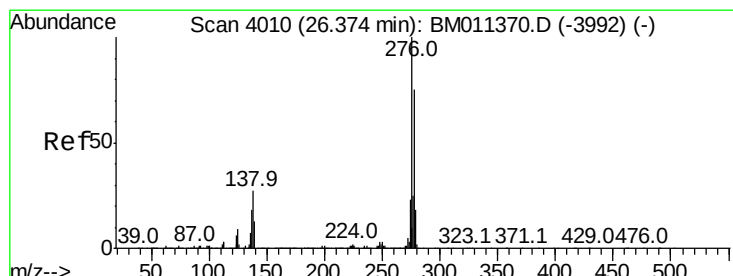
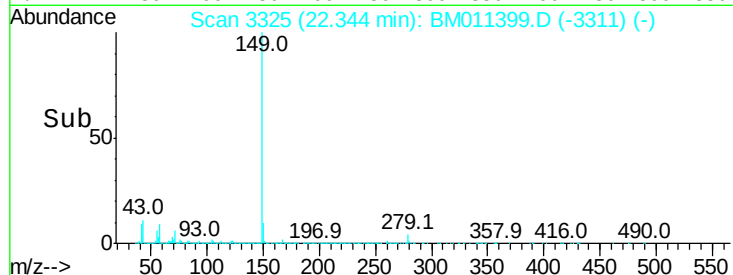
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.8	7.3	10.9



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): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 20.011 ng

RT: 26.35 min Scan# 4006

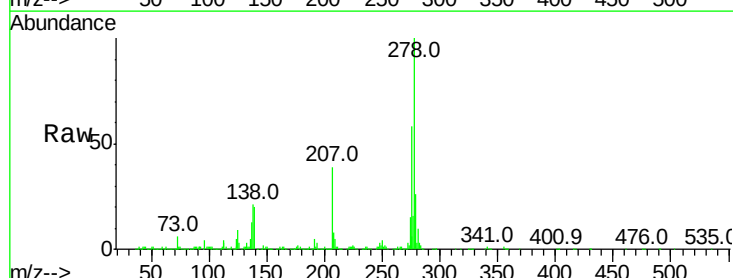
Delta R.T. -0.02 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

Tgt Ion:276 Resp: 1567012

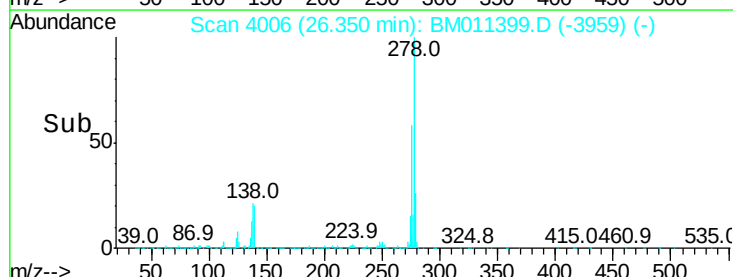
Ion	Ratio	Lower	Upper
276	100		
138	35.0	12.0	18.0#
277	26.7	20.0	30.0

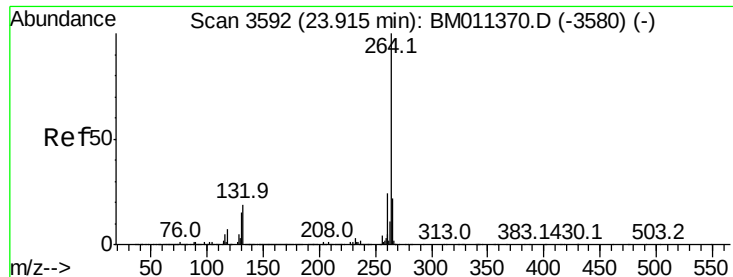


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.90 min Scan# 3589

Delta R.T. -0.02 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

Instrument :

BNA_M

ClientSampleId :

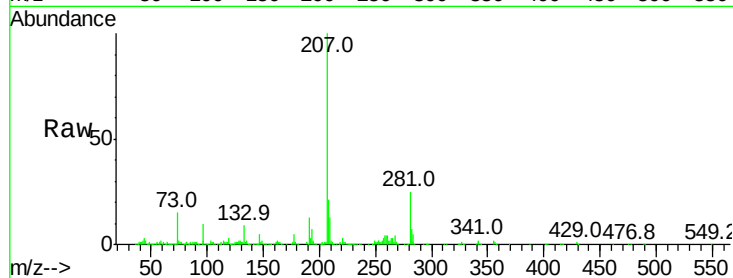
Tot Ion:264 Resp: 17285

Ion Ratio Lower Upper

264 100

260 131.2 18.6 27.8#

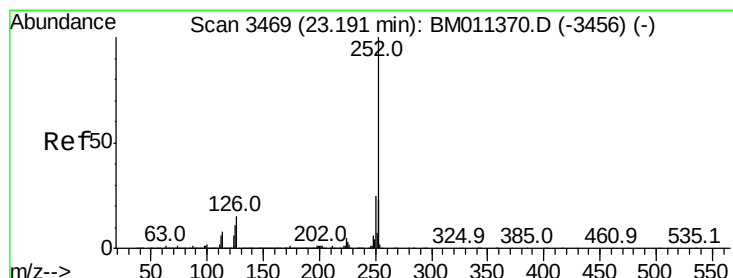
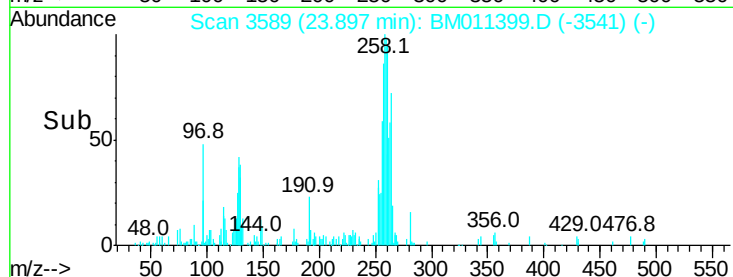
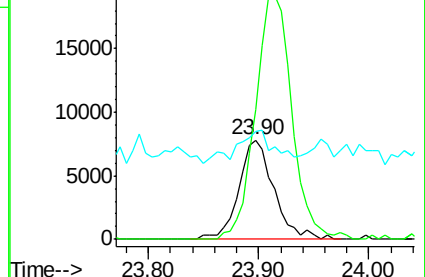
265 108.6 17.3 25.9#



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: 3479.540 ng

RT: 23.18 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

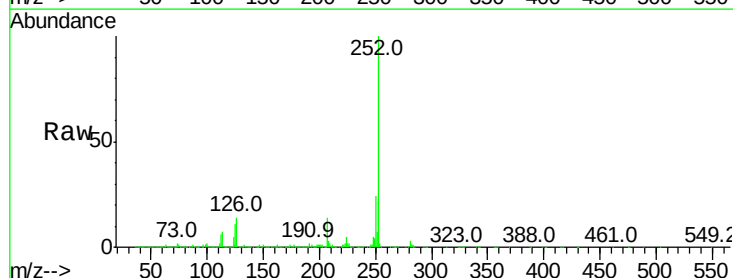
Tgt Ion:252 Resp: 3692506

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

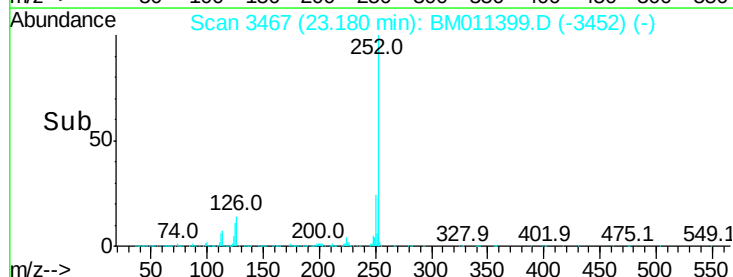
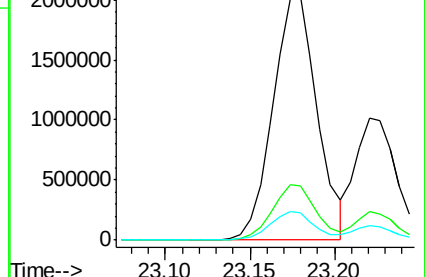
125 11.2 9.9 14.9

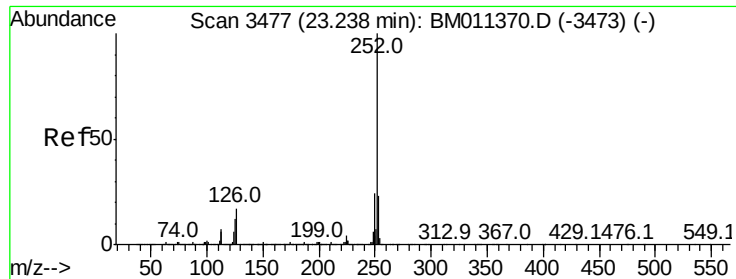


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 1664.393 ng

RT: 23.22 min Scan# 3474

Delta R.T. -0.02 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

Instrument :

BNA_M

ClientSampleId :

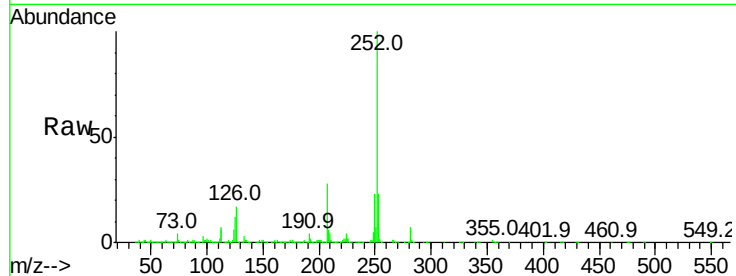
Tot Ion:252 Resp: 1693456

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

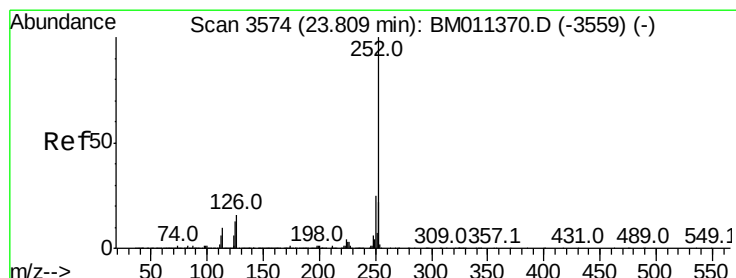
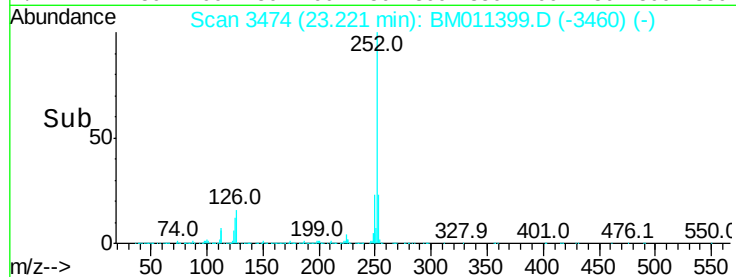
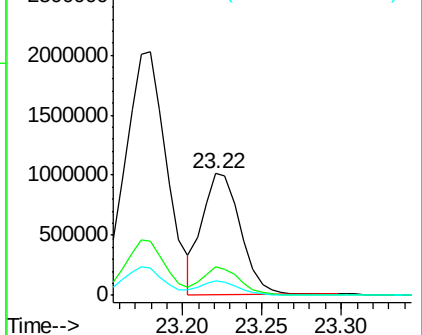
125 11.8 8.1 12.1



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



#89

Benzo(a)pyrene

Concen: 1535.588 ng

RT: 23.79 min Scan# 3571

Delta R.T. -0.02 min

Lab File: BM011399.D

Acq: 01 Sep 2017 07:48

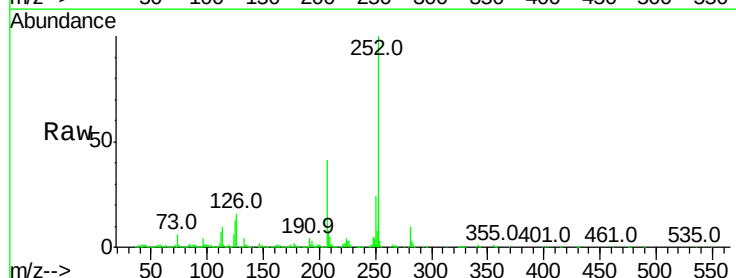
Tgt Ion:252 Resp: 1469771

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

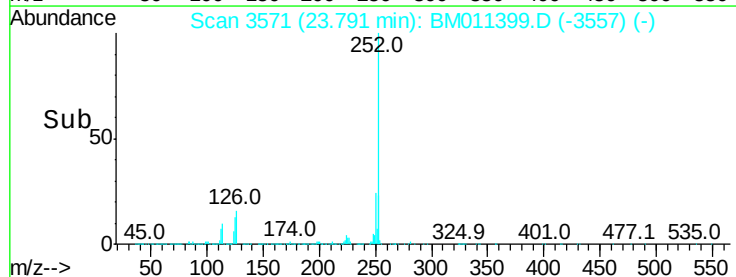
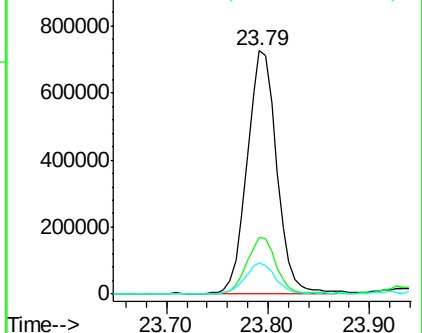
125 12.8 7.4 11.2#

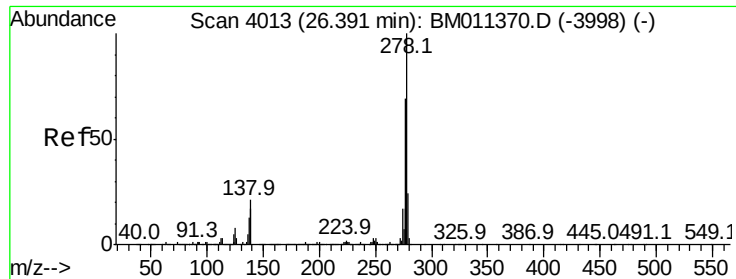


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



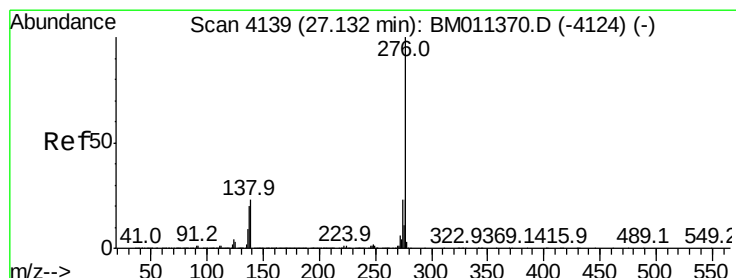
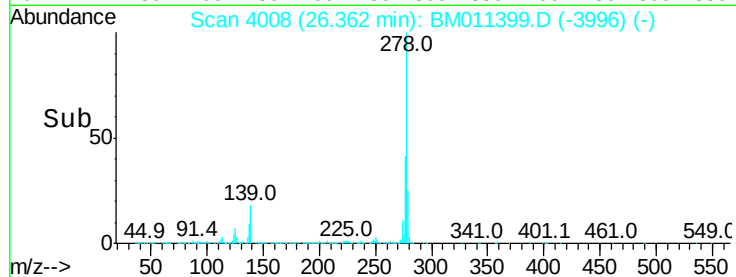
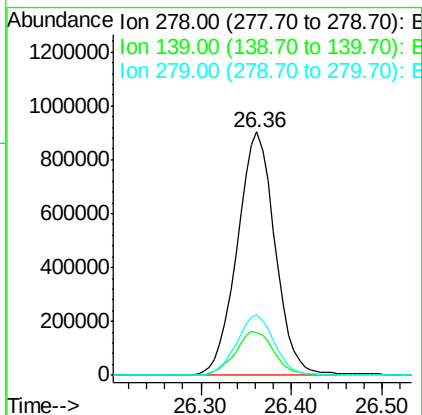
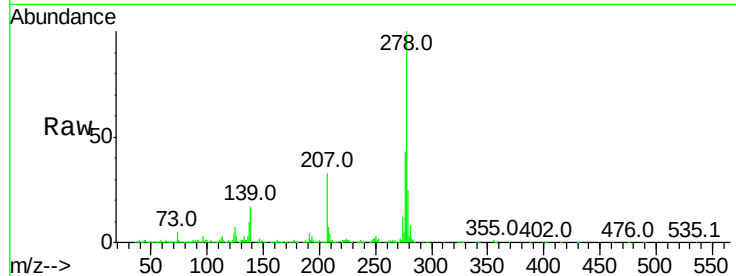


#90
Dibenzo(a,h)anthracene
Concen: 3187.913 ng
RT: 26.36 min Scan# 4008
Delta R.T. -0.03 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 2611366

Ion	Ratio	Lower	Upper
278	100		
139	17.5	13.4	20.0
279	25.0	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 1997.215 ng
RT: 27.09 min Scan# 4132
Delta R.T. -0.04 min
Lab File: BM011399.D
Acq: 01 Sep 2017 07:48

Tgt Ion:276 Resp: 1581085

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.5	27.7
138	23.2	19.0	28.6

