

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\
 Data File : BM017408.D
 Acq On : 29 Oct 2018 15:04
 Operator : MJ/SJ
 Sample : J5651-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 30 02:52:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	288774	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	1271667	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	789042	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1895468	20.00	ng	0.00
76) Chrysene-d12	21.24	240	2246506	20.00	ng	0.00
87) Perylene-d12	23.45	264	2037845	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	1856379	108.73	ng	0.00
7) Phenol-d6	6.84	99	2403168	103.35	ng	0.00
23) Nitrobenzene-d5	8.80	82	1684776	77.49	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	1371361	128.52	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	4253501	71.73	ng	0.00
79) Terphenyl-d14	19.69	244	7335426	73.60	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	217152	24.907	ng	# 80
3) Pyridine	3.65	79	605224	30.170	ng	88
4) n-Nitrosodimethylamine	3.56	42	331687	41.187	ng	# 74
6) Aniline	6.99	93	437494	15.042	ng	97
8) 2-Chlorophenol	7.22	128	936305	47.402	ng	99
9) Benzaldehyde	6.80	77	160281	10.810	ng	96
10) Phenol	6.86	94	1030004	41.157	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	822842	41.245	ng	99
12) 1,3-Dichlorobenzene	7.53	146	936494	40.672	ng	99
13) 1,4-Dichlorobenzene	7.68	146	947433	40.274	ng	98
14) 1,2-Dichlorobenzene	7.99	146	927541	40.923	ng	99
15) Benzyl Alcohol	7.90	79	852250	50.141	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.18	45	1088139	39.040	ng	99
17) 2-Methylphenol	8.10	107	779612	48.533	ng	98
18) Hexachloroethane	8.71	117	337354	41.903	ng	100
19) n-Nitroso-di-n-propylamine	8.46	70	704951	46.041	ng	97
20) 3+4-Methylphenols	8.42	107	1078892	49.107	ng	99
22) Acetophenone	8.47	105	1407033	43.649	ng	# 99
24) Nitrobenzene	8.85	77	1062681	46.205	ng	96
25) Isophorone	9.37	82	1957380	54.517	ng	99
26) 2-Nitrophenol	9.55	139	530373	49.122	ng	99
27) 2,4-Dimethylphenol	9.62	122	923795	58.187	ng	98
28) bis(2-Chloroethoxy)methane	9.85	93	1206194	47.730	ng	99
29) 2,4-Dichlorophenol	10.07	162	959831	52.070	ng	99
30) 1,2,4-Trichlorobenzene	10.29	180	935591	42.310	ng	99
31) Naphthalene	10.47	128	2915571	46.785	ng	99
32) Benzoic acid	9.79	122	616803	52.069	ng	97
33) 4-Chloroaniline	10.60	127	135807	5.046	ng	97
34) Hexachlorobutadiene	10.75	225	552993	39.468	ng	98
35) Caprolactam	11.40	113	121359	18.065	ng	95
36) 4-Chloro-3-methylphenol	11.73	107	1097594	52.824	ng	99
37) 2-Methylnaphthalene	12.09	142	2243807	52.616	ng	99
38) 1-Methylnaphthalene	12.31	142	2138201	51.515	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	1137163	40.924	ng	98

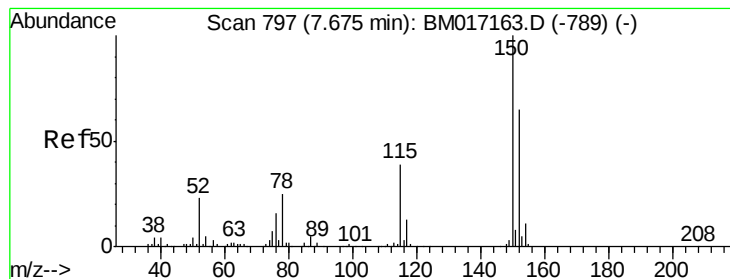
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	1305966	97.218	nq	100
43) 2,4,6-Trichlorophenol	12.71	196	820152	50.844	nq	99
44) 2,4,5-Trichlorophenol	12.79	196	904422	52.287	nq	99
46) 1,1'-Biphenyl	13.12	154	2918535	41.103	nq	99
47) 2-Chloronaphthalene	13.16	162	2268040	43.419	nq	99
48) 2-Nitroaniline	13.37	65	695318	47.220	nq	96
49) Acenaphthylene	14.01	152	3822815	50.488	nq	100
50) Dimethylphthalate	13.76	163	3020422	49.617	nq	99
51) 2,6-Dinitrotoluene	13.89	165	684438	51.084	nq	96
52) Acenaphthene	14.36	154	2247266	47.270	nq	97
53) 3-Nitroaniline	14.22	138	398987	27.495	nq	98
54) 2,4-Dinitrophenol	14.43	184	932839	114.702	nq	96
55) Dibenzofuran	14.70	168	3634357	45.971	nq	99
56) 4-Nitrophenol	14.54	139	1633990	120.983	nq	98
57) 2,4-Dinitrotoluene	14.67	165	1000478	55.558	nq	# 98
58) Fluorene	15.34	166	2985153	51.013	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	858895	54.474	nq	99
60) Diethylphthalate	15.14	149	3092215	51.220	nq	99
61) 4-Chlorophenyl-phenylether	15.34	204	1489226	44.640	nq	96
62) 4-Nitroaniline	15.39	138	721310	44.884	nq	99
63) Azobenzene	15.64	77	2852809	48.617	nq	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	615049	50.161	nq	98
66) n-Nitrosodiphenylamine	15.56	169	2709757	47.252	nq	100
67) 4-Bromophenyl-phenylether	16.24	248	997047	47.907	nq	96
68) Hexachlorobenzene	16.34	284	1076608	44.533	nq	99
69) Atrazine	16.53	200	1009082	49.164	nq	98
70) Pentachlorophenol	16.70	266	1419652	85.722	nq	99
71) Phenanthrene	17.09	178	4915761	48.068	nq	100
72) Anthracene	17.18	178	5059683	52.069	nq	100
73) Carbazole	17.46	167	4763266	47.987	nq	100
74) Di-n-butylphthalate	18.02	149	5547293	52.987	nq	99
75) Fluoranthene	19.11	202	6046023	52.539	nq	98
77) Benzidine	19.31	184	388239	6.816	nq	98
78) Pyrene	19.47	202	6129872	48.821	nq	99
80) Butylbenzylphthalate	20.39	149	2758328	56.276	nq	95
81) Benzo(a)anthracene	21.23	228	6379344	50.461	nq	99
82) 3,3'-Dichlorobenzidine	21.17	252	1070120	22.712	nq	98
83) Chrysene	21.28	228	6004838	47.989	nq	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	3935210	53.187	nq	97
85) Di-n-octyl phthalate	22.04	149	6929381	55.030	nq	99
86) Indeno(1,2,3-cd)pyrene	25.67	276	5426796	38.775	nq	99
88) Benzo(b)fluoranthene	22.79	252	6162652	55.312	nq	99
89) Benzo(k)fluoranthene	22.84	252	5772907	51.637	nq	99
90) Benzo(a)pyrene	23.36	252	5511171	52.097	nq	99
91) Dibenzo(a,h)anthracene	25.67	278	4665241	44.413	nq	99
92) Benzo(g,h,i)perylene	26.33	276	4350516	41.788	nq	99

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

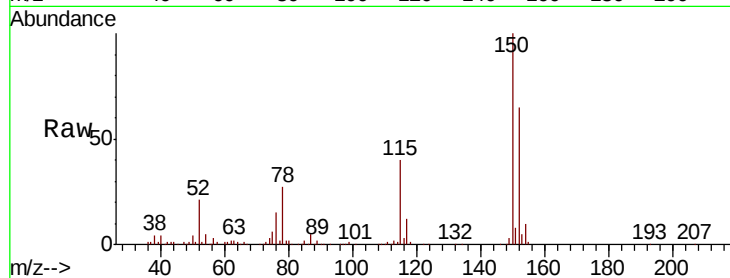


#1

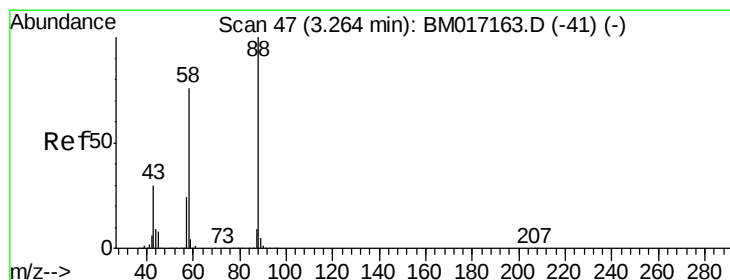
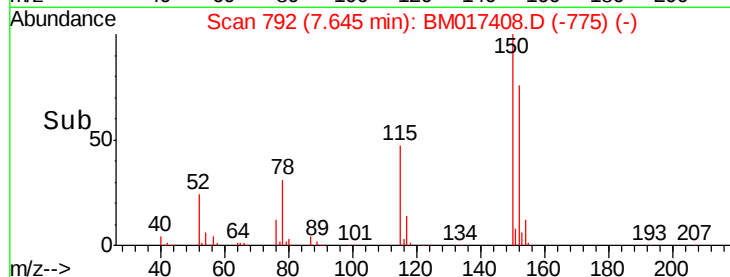
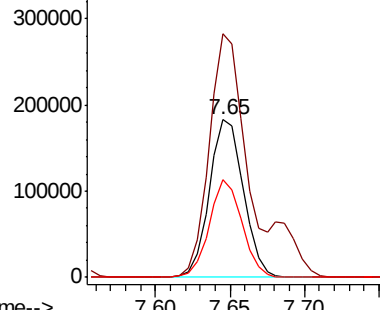
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.00 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 288774
Ion Ratio Lower Upper
152 100
150 154.6 124.3 186.5
115 62.1 48.1 72.1



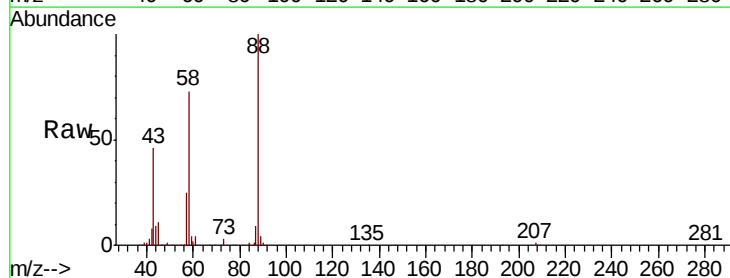
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



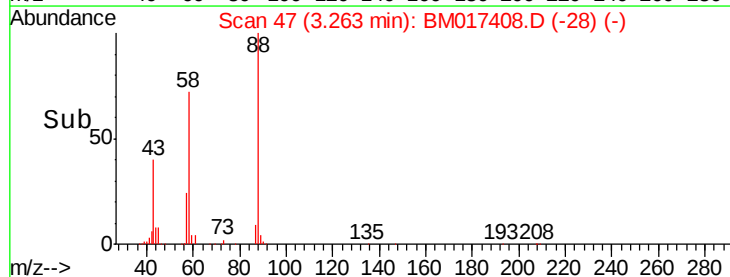
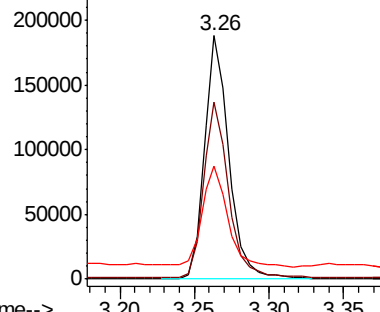
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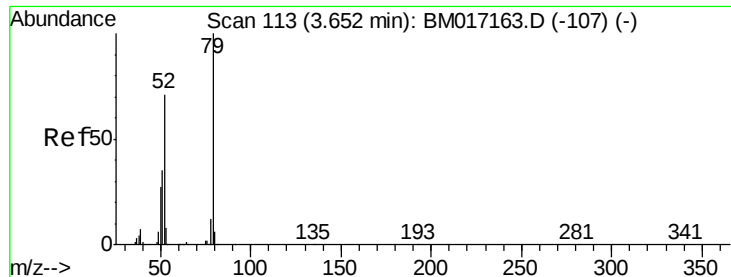
1,4-Dioxane
Concen: 24.907 ng
RT: 3.26 min Scan# 47
Delta R.T. 0.01 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

Tgt Ion: 88 Resp: 217152
Ion Ratio Lower Upper
88 100
58 72.8 50.2 75.4
43 43.8 19.3 28.9#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 30.170 ng

RT: 3.65 min Scan# 112

Delta R.T. 0.01 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Instrument :

BNA_M

ClientSampled :

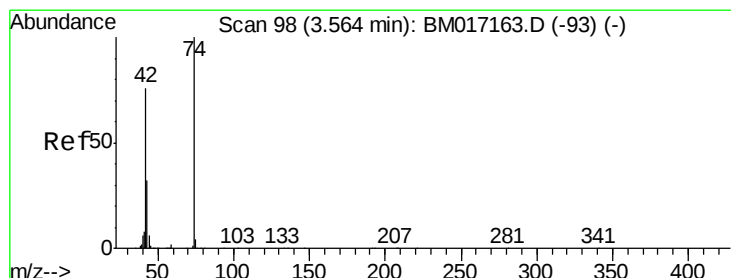
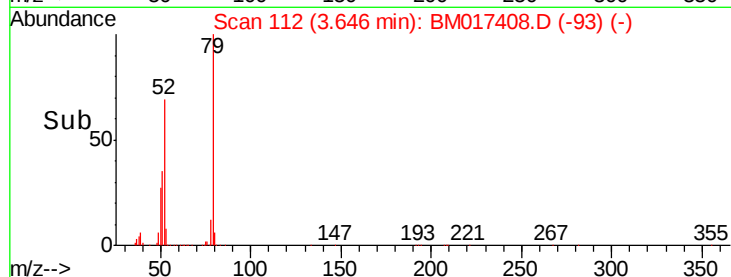
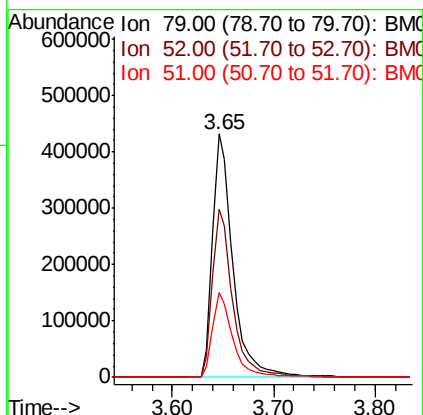
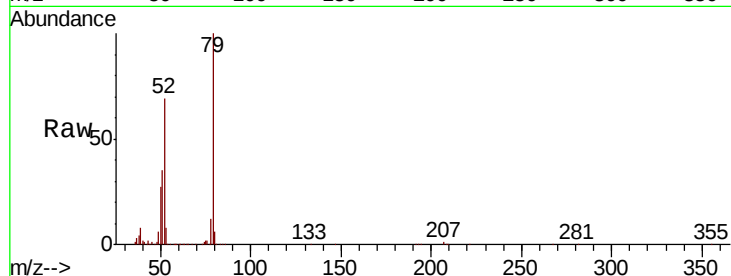
Tot Ion: 79 Resp: 605224

Ion Ratio Lower Upper

79 100

52 69.1 46.5 69.7

51 34.9 24.6 37.0



#4

n-Nitrosodimethylamine

Concen: 41.187 ng

RT: 3.56 min Scan# 97

Delta R.T. 0.01 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

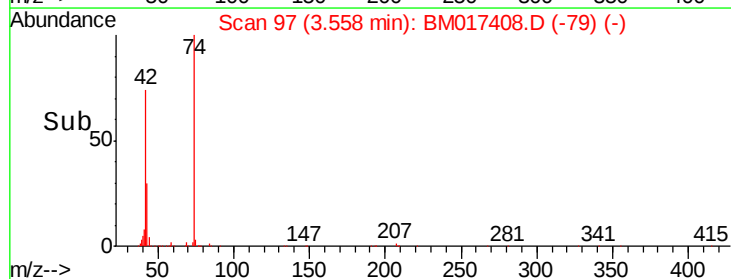
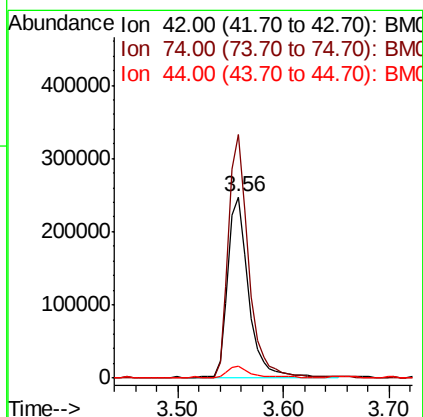
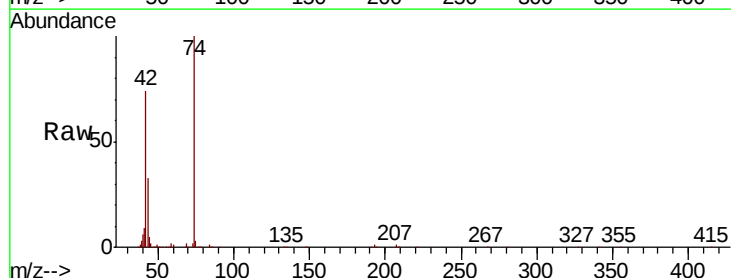
Tgt Ion: 42 Resp: 331687

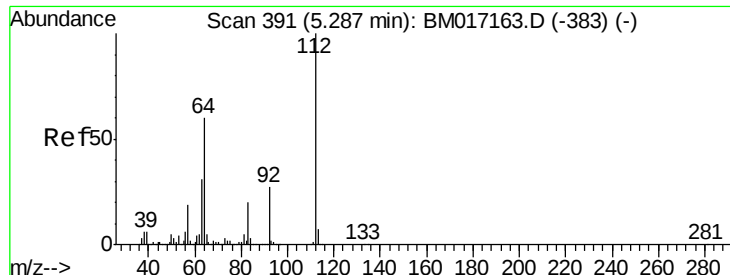
Ion Ratio Lower Upper

42 100

74 134.5 114.4 171.6

44 6.2 48.6 73.0#





#5

2-Fluorophenol

Concen: 108.727 ng

RT: 5.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

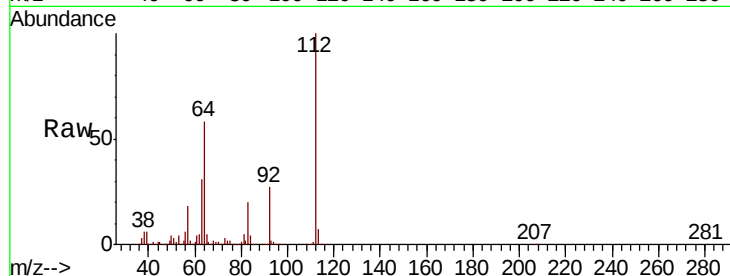
Instrument :

BNA_M

ClientSampleId :

Tot Ion:112 Resp: 1856379

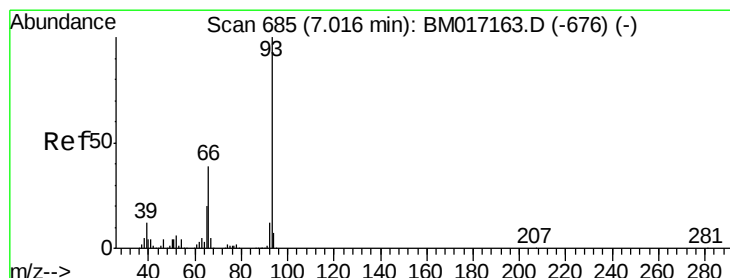
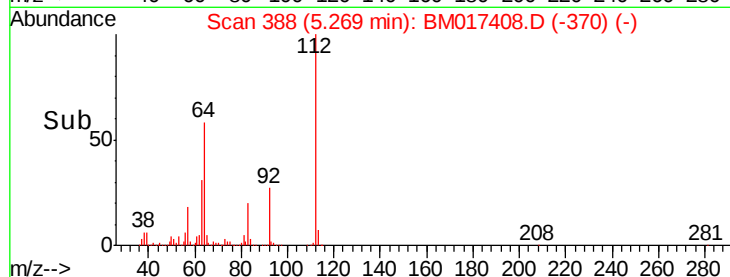
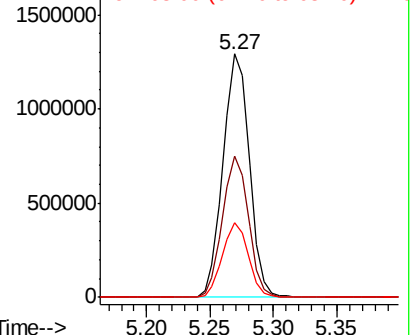
Ion	Ratio	Lower	Upper
112	100		
64	58.1	41.7	62.5
63	30.5	23.0	34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 15.042 ng

RT: 6.99 min Scan# 681

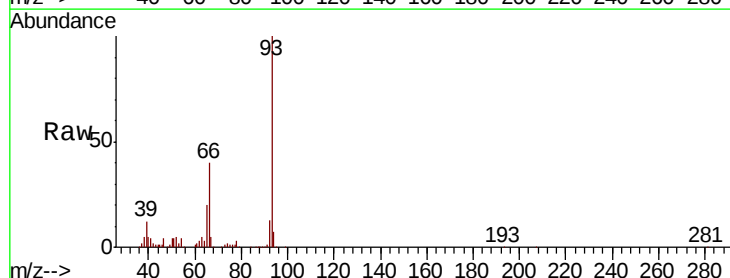
Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Tgt Ion: 93 Resp: 437494

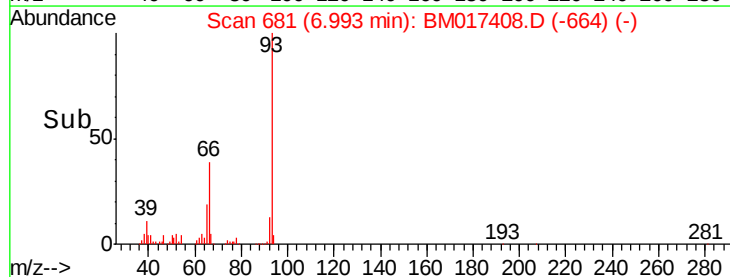
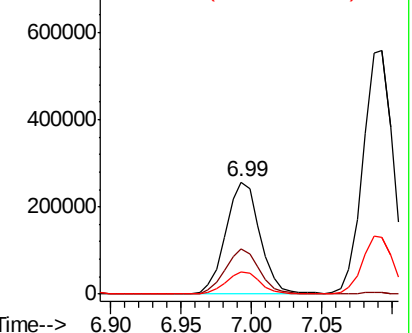
Ion	Ratio	Lower	Upper
93	100		
66	40.3	30.4	45.6
65	20.1	15.3	22.9

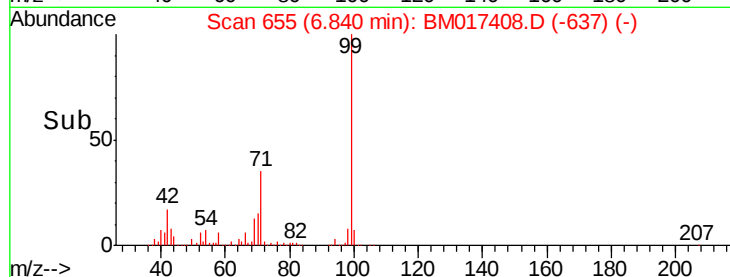
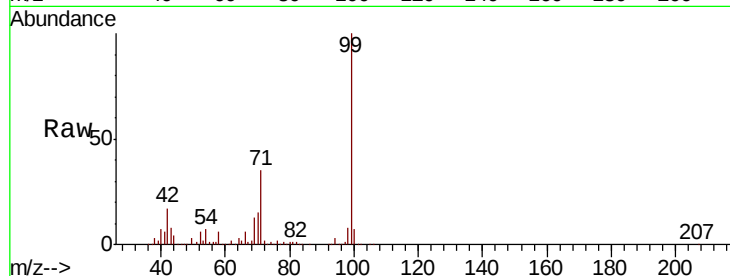
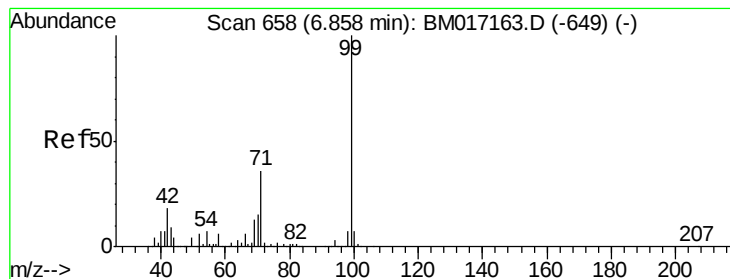


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 103.347 ng

RT: 6.84 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Instrument :

BNA_M

ClientSampleId :

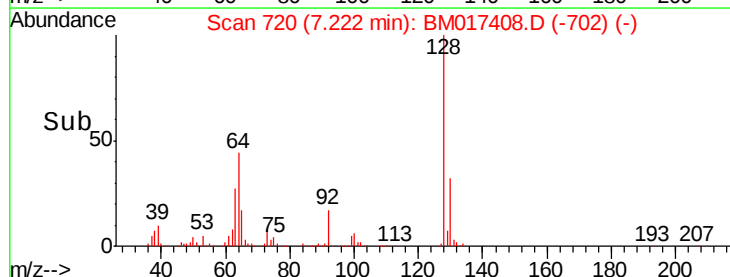
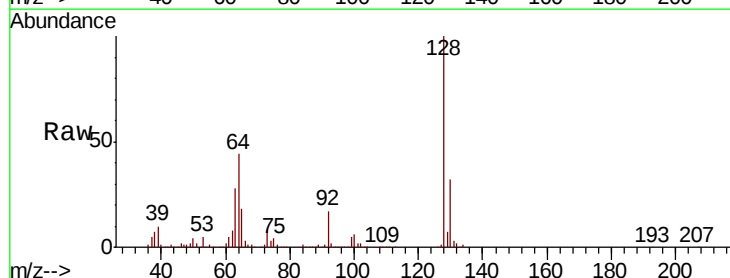
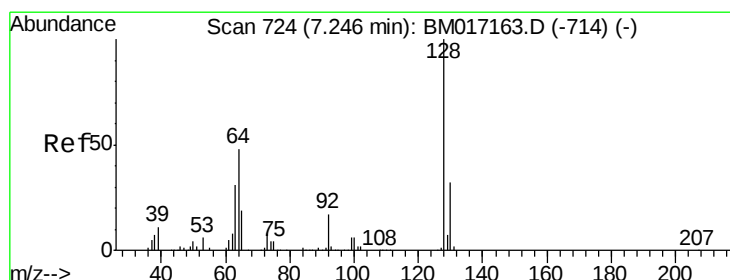
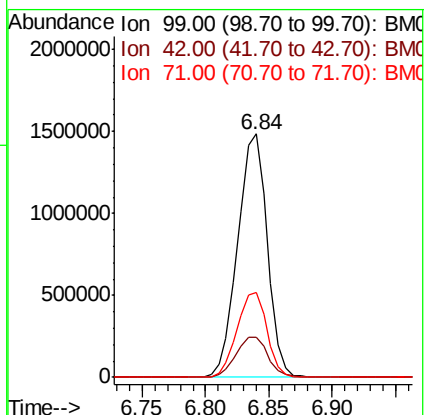
Tot Ion: 99 Resp: 2403168

Ion Ratio Lower Upper

99 100

42 16.7 13.3 19.9

71 34.9 28.0 42.0



#8

2-Chlorophenol

Concen: 47.402 ng

RT: 7.22 min Scan# 720

Delta R.T. 0.01 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

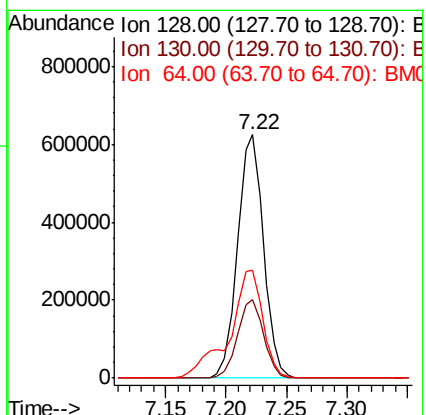
Tgt Ion:128 Resp: 936305

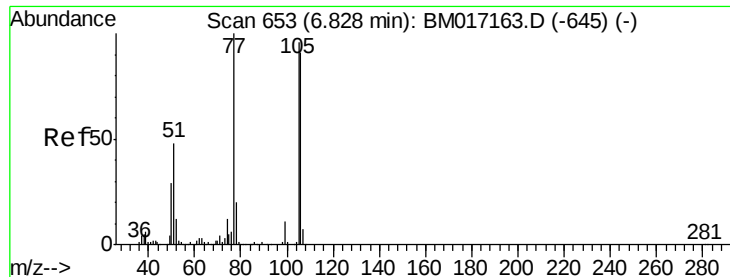
Ion Ratio Lower Upper

128 100

130 32.3 11.0 51.0

64 44.2 24.1 64.1





#9

Benzaldehyde

Concen: 10.810 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Instrument :

BNA_M

ClientSampleId :

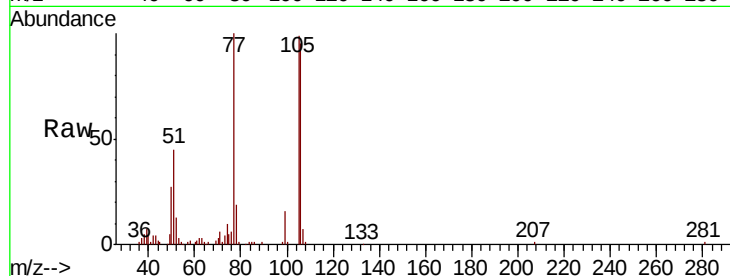
Tot Ion: 77 Resp: 160281

Ion Ratio Lower Upper

77 100

105 99.1 83.9 123.9

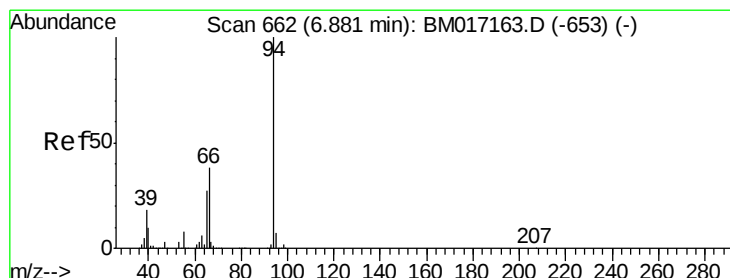
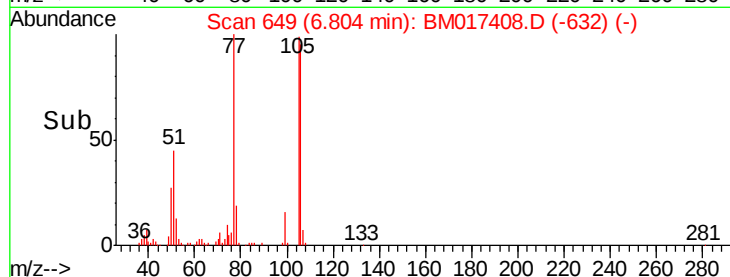
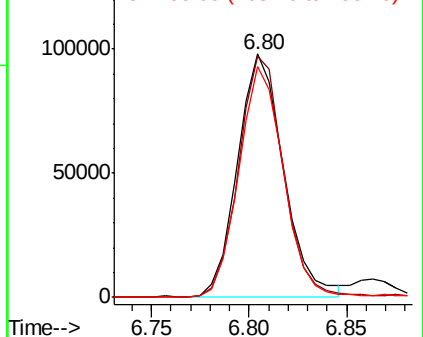
106 94.8 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-645) (-)

Ion 105.00 (104.70 to 105.70): BM017163.D (-645) (-)

Ion 106.00 (105.70 to 106.70): BM017163.D (-645) (-)



#10

Phenol

Concen: 41.157 ng

RT: 6.86 min Scan# 659

Delta R.T. 0.01 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

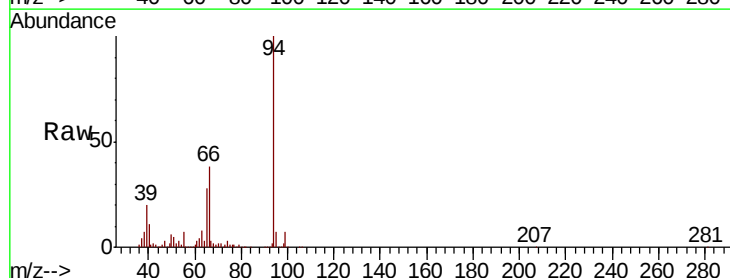
Tgt Ion: 94 Resp: 1030004

Ion Ratio Lower Upper

94 100

65 28.0 9.4 49.4

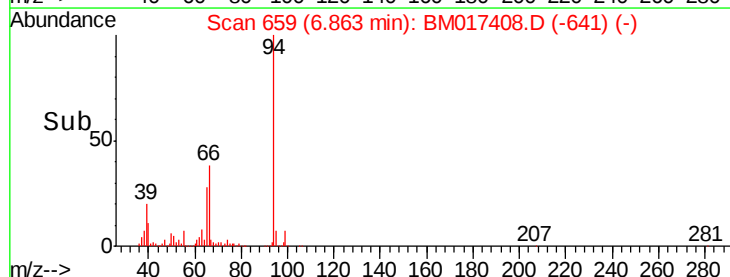
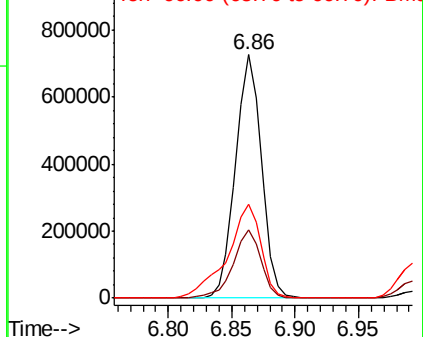
66 38.4 19.0 59.0

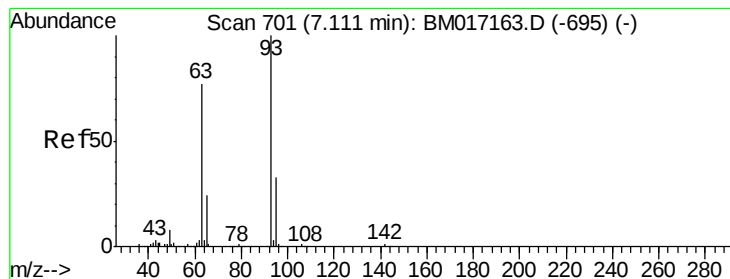


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-653) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-653) (-)

Ion 66.00 (65.70 to 66.70): BM017163.D (-653) (-)





#11

bis(2-Chloroethyl)ether

Concen: 41.245 ng

RT: 7.09 min Scan# 698

Delta R.T. 0.01 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Instrument :

BNA_M

ClientSampleId :

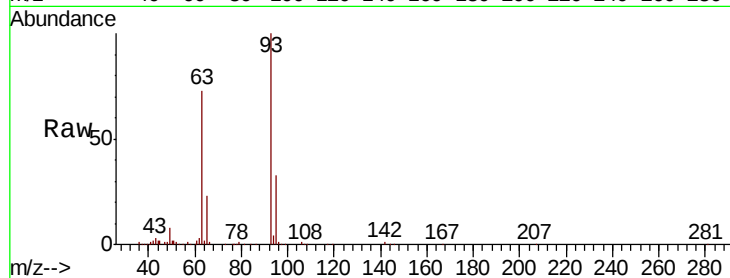
Tot Ion: 93 Resp: 822842

Ion Ratio Lower Upper

93 100

63 73.4 54.0 94.0

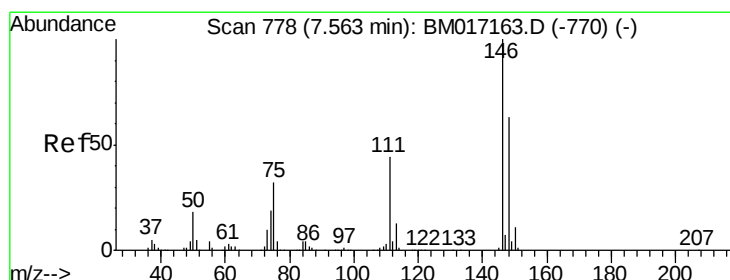
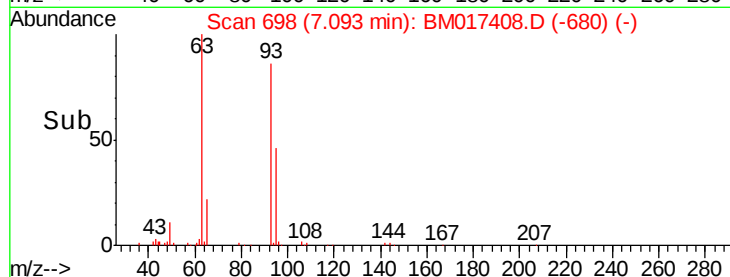
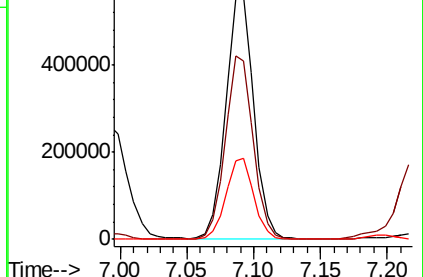
95 33.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BM017163.D (-695) (-)

Ion 63.00 (62.70 to 63.70): BM017163.D (-695) (-)

Ion 95.00 (94.70 to 95.70): BM017163.D (-695) (-)



#12

1,3-Dichlorobenzene

Concen: 40.672 ng

RT: 7.53 min Scan# 773

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

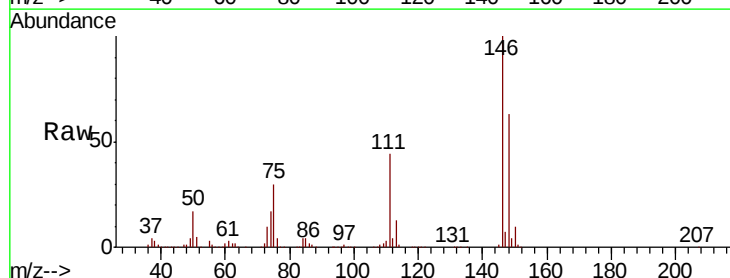
Tgt Ion: 146 Resp: 936494

Ion Ratio Lower Upper

146 100

148 62.6 50.2 75.4

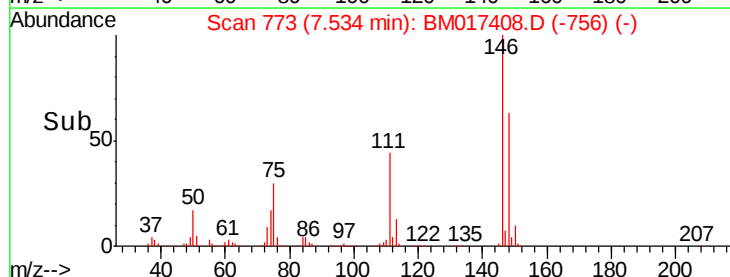
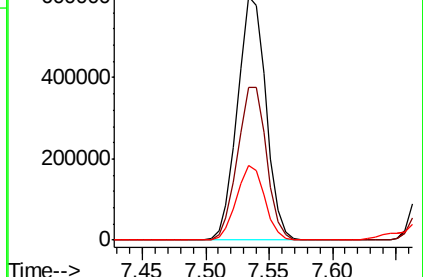
75 30.5 23.3 34.9

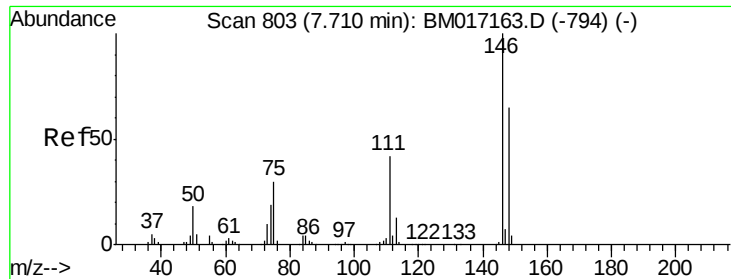


Abundance Ion 146.00 (145.70 to 146.70): BM017163.D (-770) (-)

Ion 148.00 (147.70 to 148.70): BM017163.D (-770) (-)

Ion 75.00 (74.70 to 75.70): BM017163.D (-770) (-)





#13

1,4-Dichlorobenzene

Concen: 40.274 ng

RT: 7.68 min Scan# 798

Delta R.T. -0.00 min

Lab File: BM017408.D

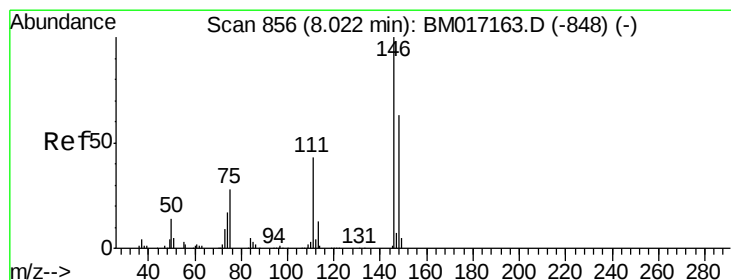
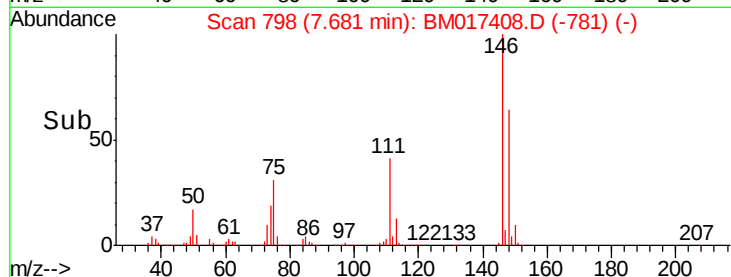
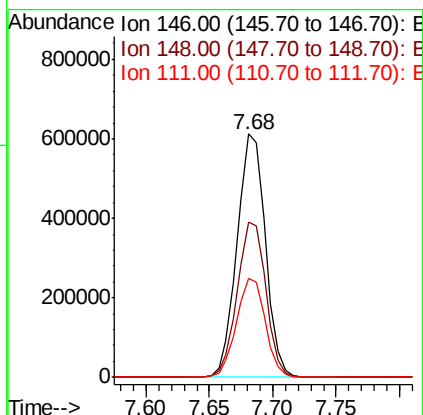
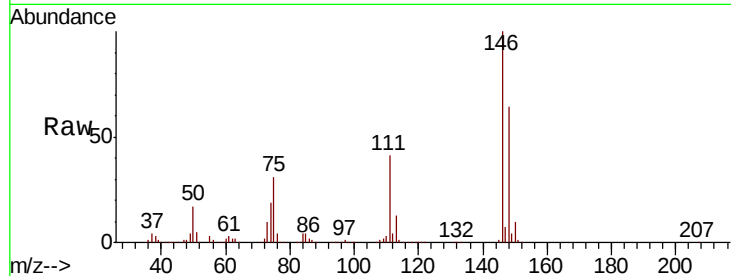
Acq: 29 Oct 2018 15:04

Instrument :

BNA_M

ClientSampled :

Tot Ion:146	Resp:	947433
Ion Ratio	Lower	Upper
146	100	
148	64.0	49.8 74.6
111	40.9	32.1 48.1



#14

1,2-Dichlorobenzene

Concen: 40.923 ng

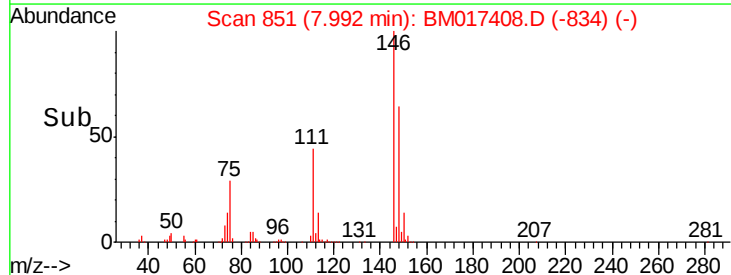
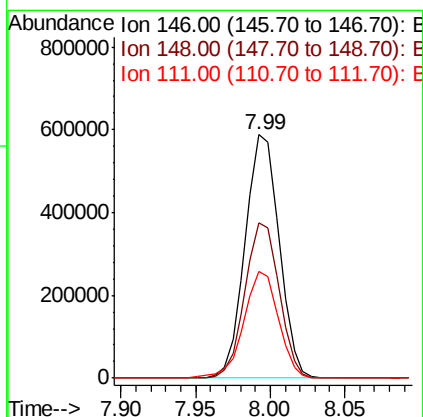
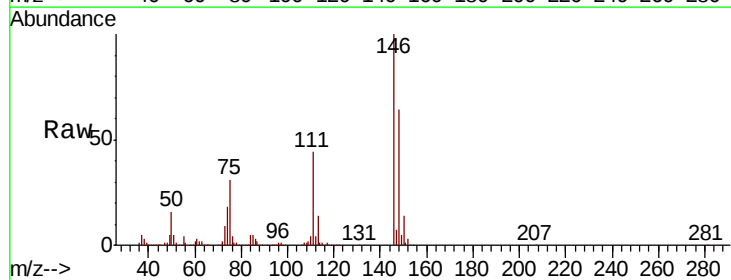
RT: 7.99 min Scan# 851

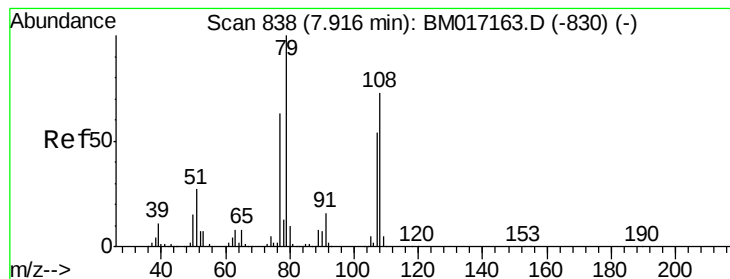
Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Tgt Ion:146	Resp:	927541
Ion Ratio	Lower	Upper
146	100	
148	63.9	50.8 76.2
111	43.7	33.8 50.6





#15

Benzyl Alcohol

Concen: 50.141 ng

RT: 7.90 min Scan# 835

Delta R.T. 0.01 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Instrument :

BNA_M

ClientSampleId :

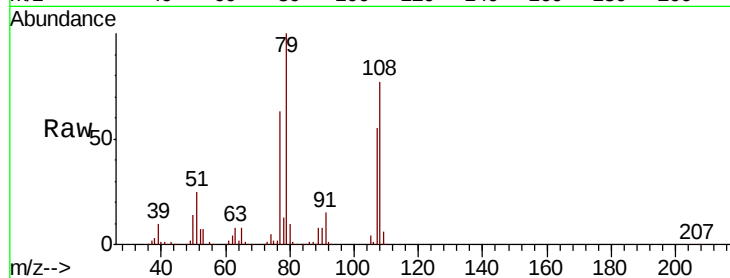
Tot Ion: 79 Resp: 852250

Ion Ratio Lower Upper

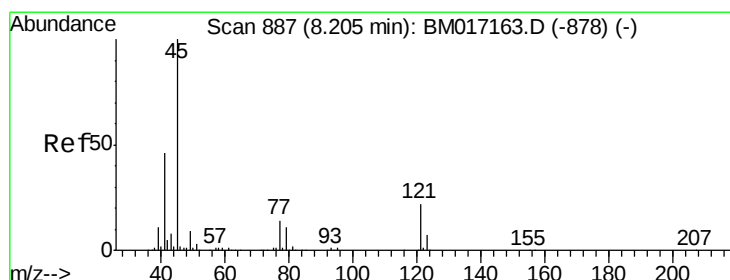
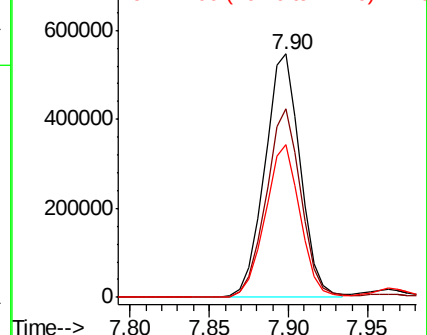
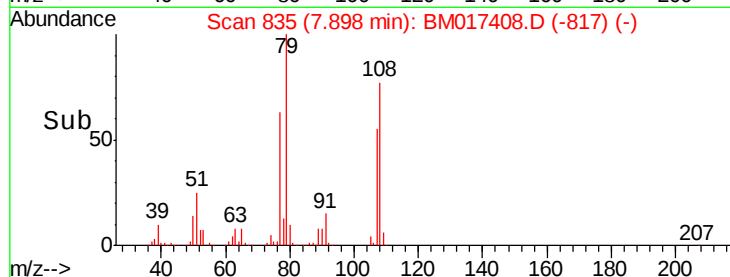
79 100

108 77.3 60.3 90.5

77 62.9 54.8 82.2



Abundance Ion 79.00 (78.70 to 79.70): BM017408.D (-817) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.040 ng

RT: 8.18 min Scan# 883

Delta R.T. 0.01 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

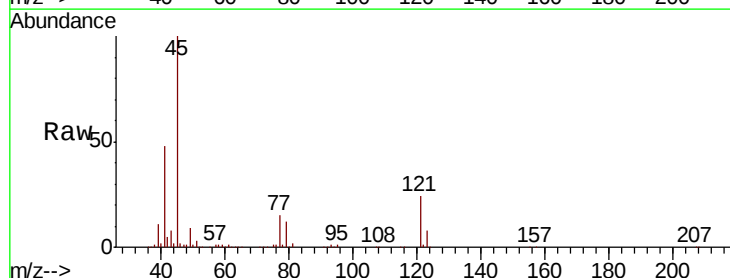
Tgt Ion: 45 Resp: 1088139

Ion Ratio Lower Upper

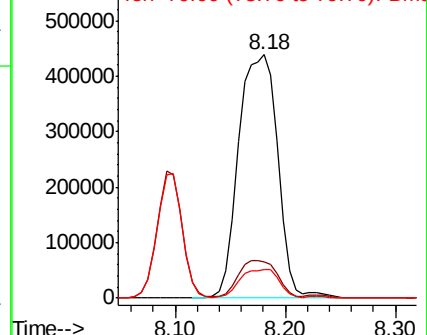
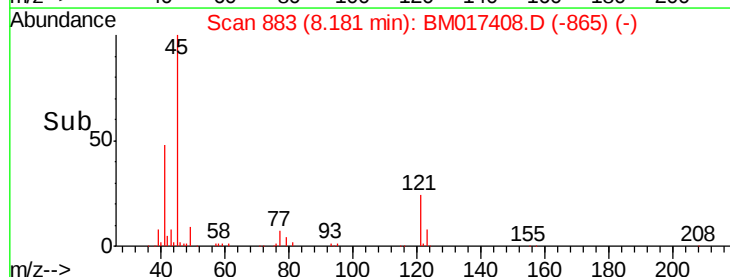
45 100

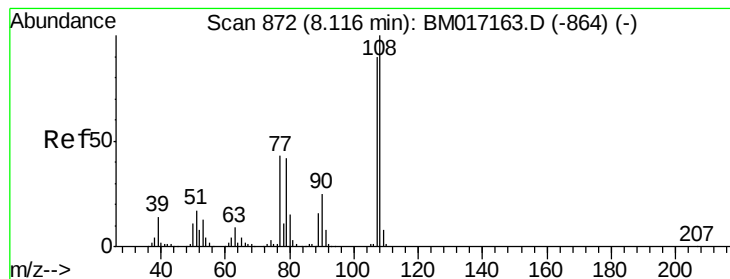
77 14.9 0.0 35.5

79 12.0 0.0 32.1



Abundance Ion 45.00 (44.70 to 45.70): BM017408.D (-865) (-)

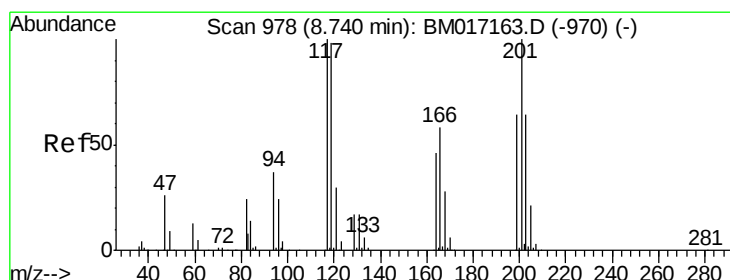
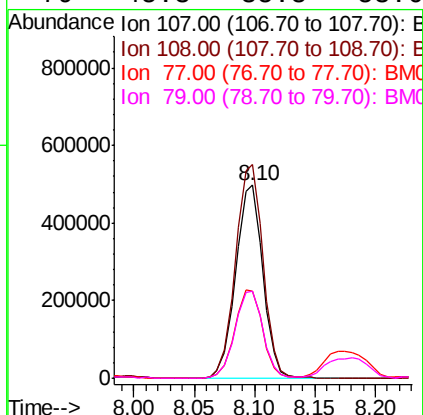
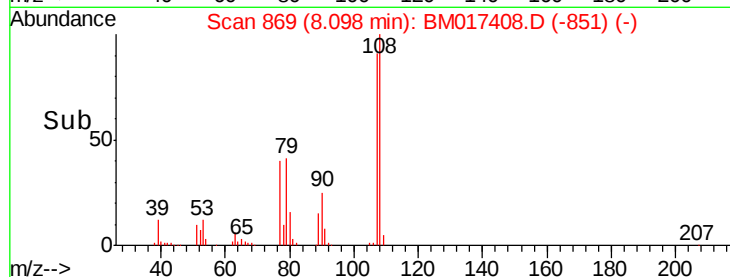
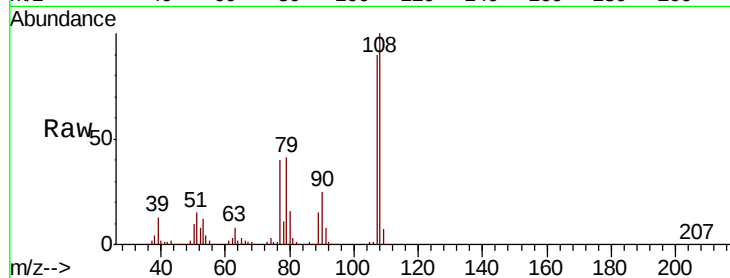




#17
2-Methylphenol
Concen: 48.533 ng
RT: 8.10 min Scan# 869
Delta R.T. 0.01 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

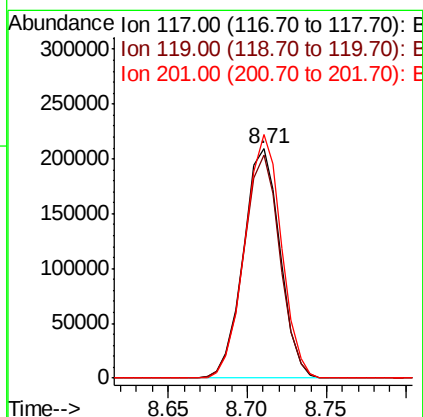
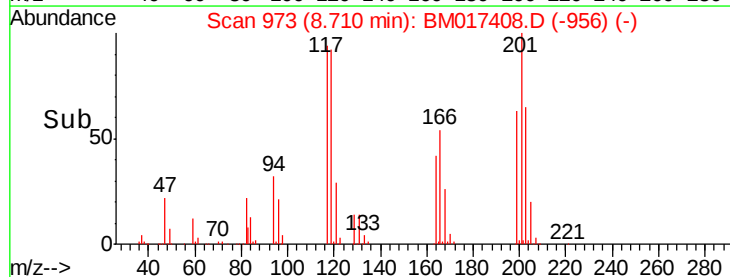
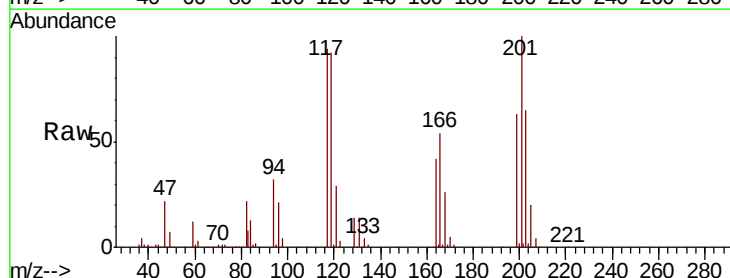
Instrument :
BNA_M
ClientSampleId :

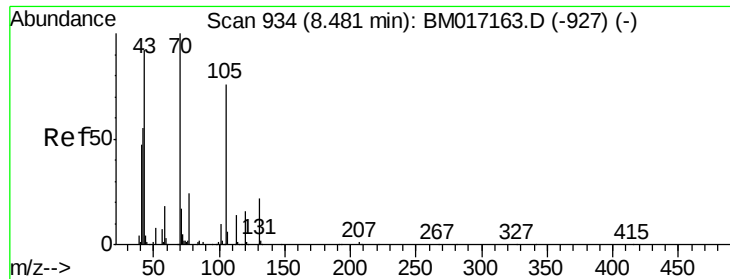
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	90.3	135.5
77	44.8	37.0	55.4
79	45.3	35.8	53.6



#18
Hexachloroethane
Concen: 41.903 ng
RT: 8.71 min Scan# 973
Delta R.T. -0.00 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	78.2	117.2
201	106.3	85.3	127.9

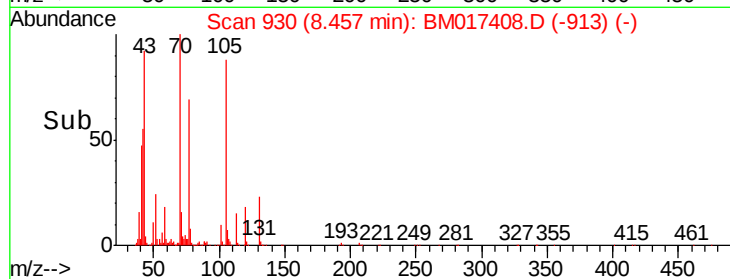
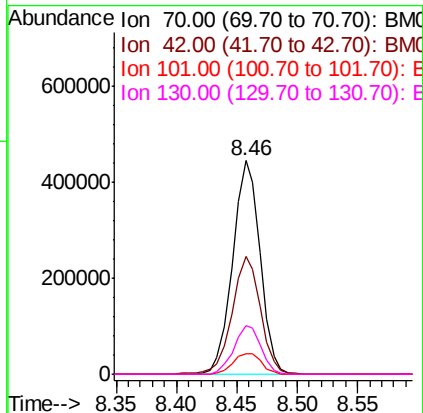
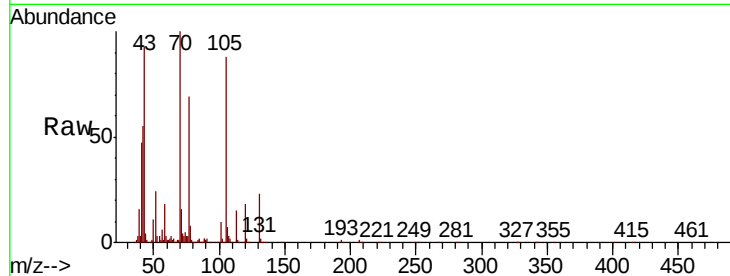




#19
n-Nitroso-di-n-propylamine
Concen: 46.041 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.00 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

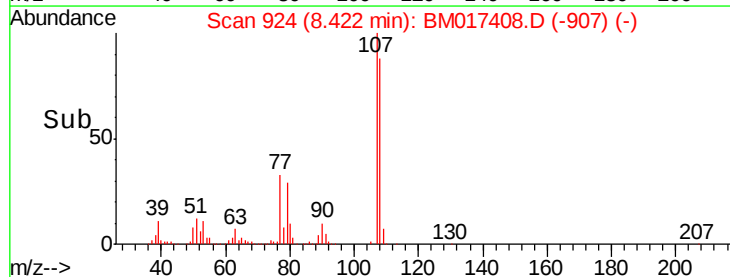
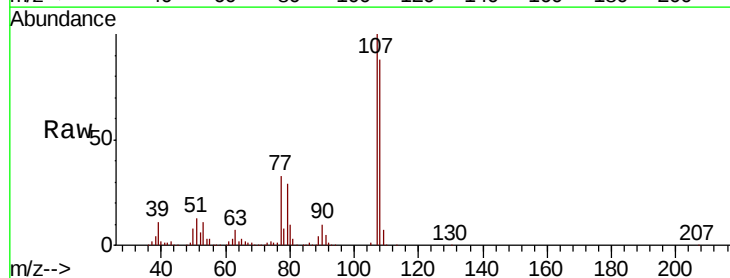
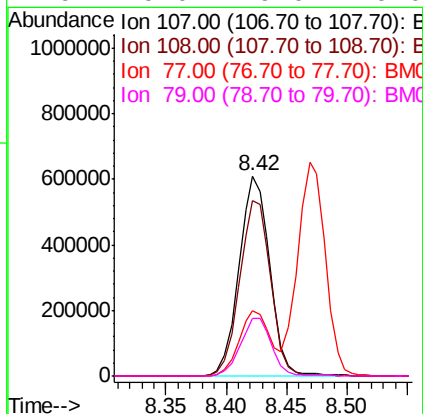
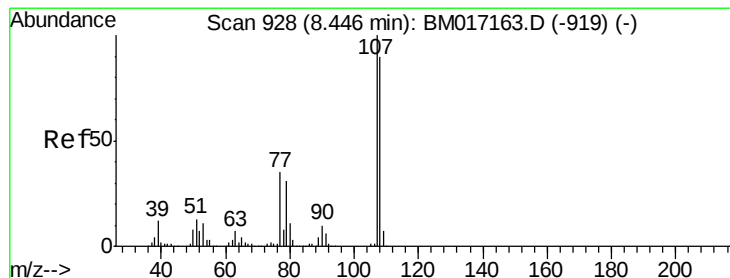
Instrument :
BNA_M
ClientSampleId :

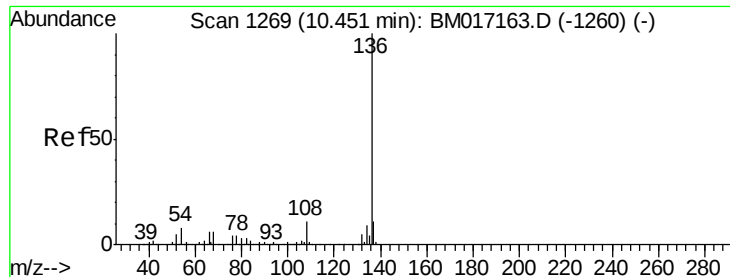
Tot Ion:	70	Resp:	704951
Ion	Ratio	Lower	Upper
70	100		
42	54.9	46.1	69.1
101	9.9	8.2	12.4
130	22.7	18.4	27.6



#20
3+4-Methylphenols
Concen: 49.107 ng
RT: 8.42 min Scan# 924
Delta R.T. -0.00 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

Tgt Ion:	107	Resp:	1078892
Ion	Ratio	Lower	Upper
107	100		
108	87.9	69.9	109.9
77	32.7	12.2	52.2
79	29.0	9.0	49.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

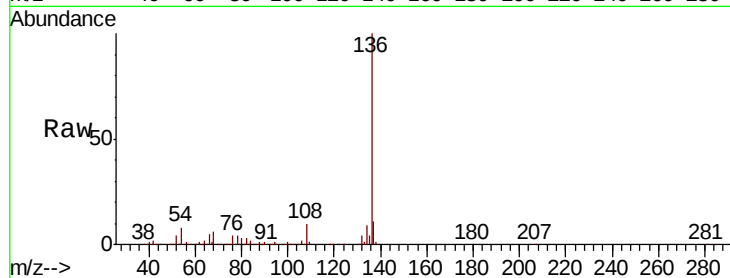
Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1271667

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.9	6.7	10.1
68	5.8	4.7	7.1

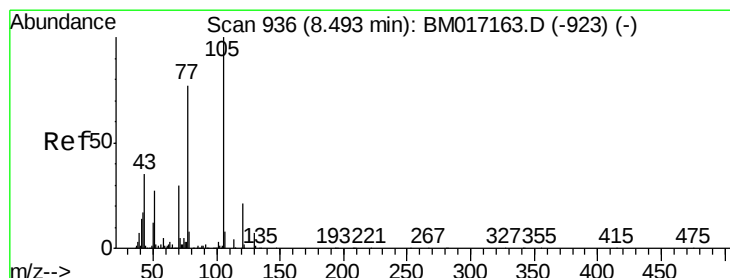
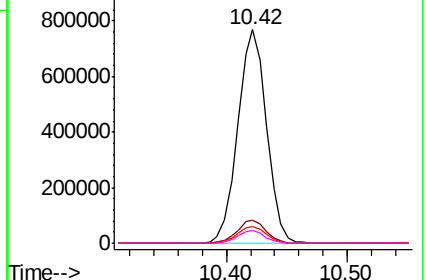
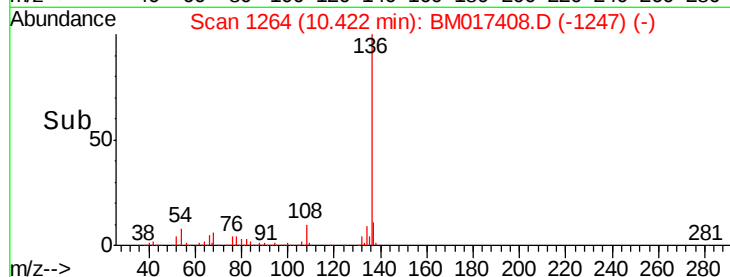


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 43.649 ng

RT: 8.47 min Scan# 932

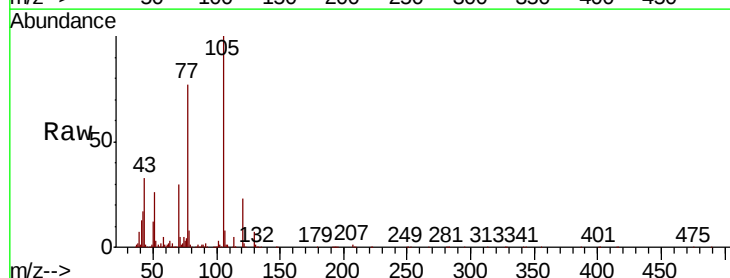
Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Tgt Ion:105 Resp: 1407033

Ion	Ratio	Lower	Upper
105	100		
71	4.9	2.0	3.0#
51	26.1	20.6	31.0
120	22.7	17.5	26.3

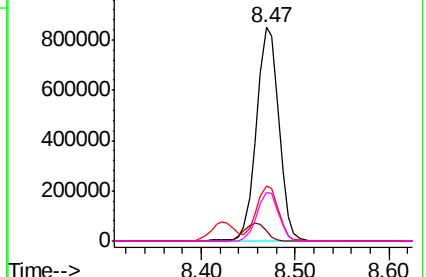
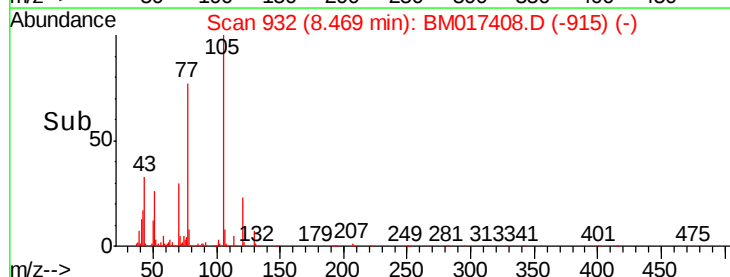


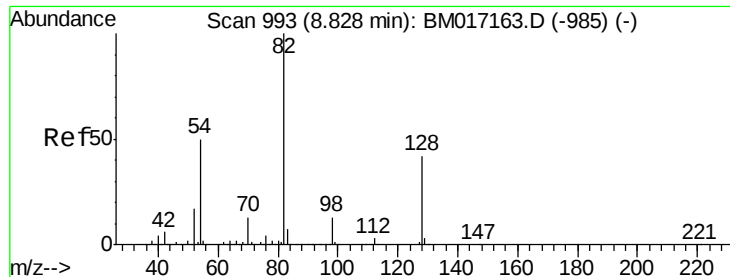
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

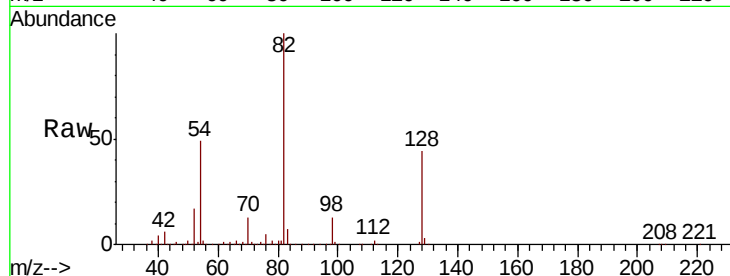




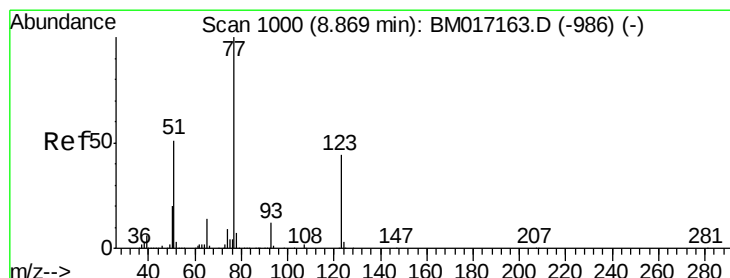
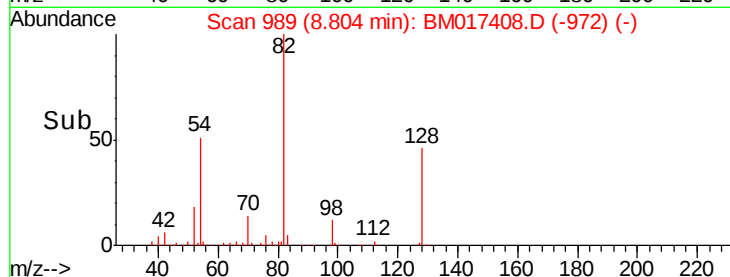
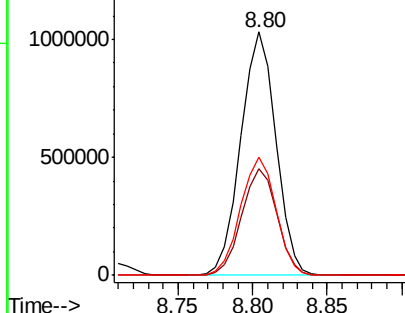
#23
 Nitrobenzene-d5
 Concen: 77.485 ng
 RT: 8.80 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BM017408.D
 Acq: 29 Oct 2018 15:04

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1684776
 Ion Ratio Lower Upper
 82 100
 128 44.0 37.0 55.6
 54 48.6 40.7 61.1

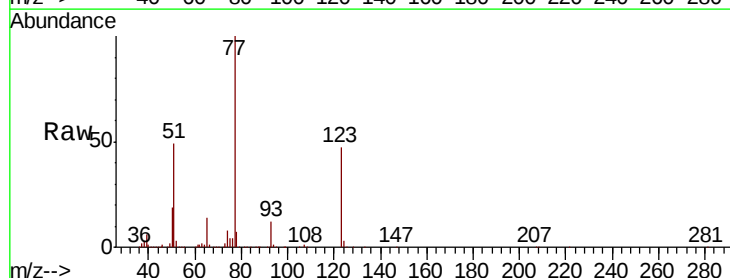


Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-985) (-)
 Ion 128.00 (127.70 to 128.70): BM017163.D (-985) (-)
 Ion 54.00 (53.70 to 54.70): BM017163.D (-985) (-)

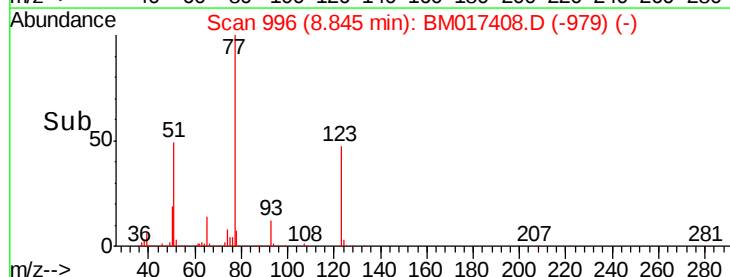
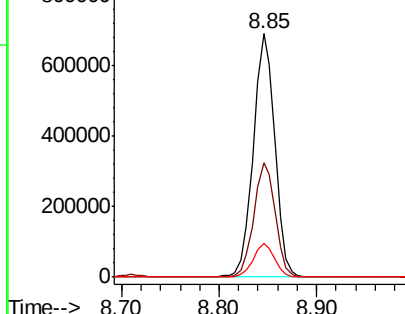


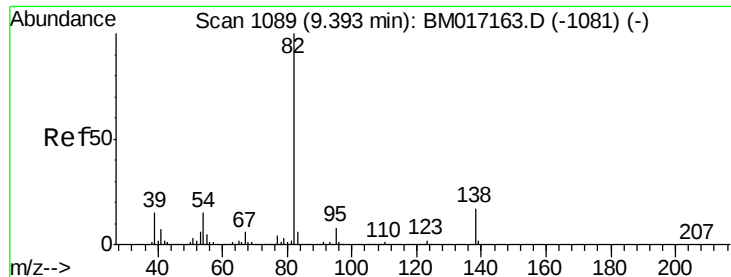
#24
 Nitrobenzene
 Concen: 46.205 ng
 RT: 8.85 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BM017408.D
 Acq: 29 Oct 2018 15:04

Tgt Ion: 77 Resp: 1062681
 Ion Ratio Lower Upper
 77 100
 123 46.9 40.2 60.4
 65 13.9 11.4 17.0



Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-986) (-)
 Ion 123.00 (122.70 to 123.70): BM017163.D (-986) (-)
 Ion 65.00 (64.70 to 65.70): BM017163.D (-986) (-)





#25

Isophorone

Concen: 54.517 ng

RT: 9.37 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Instrument :

BNA_M

ClientSampleId :

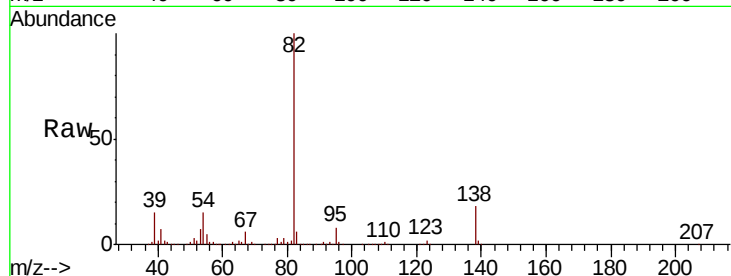
Tot Ion: 82 Resp: 1957380

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

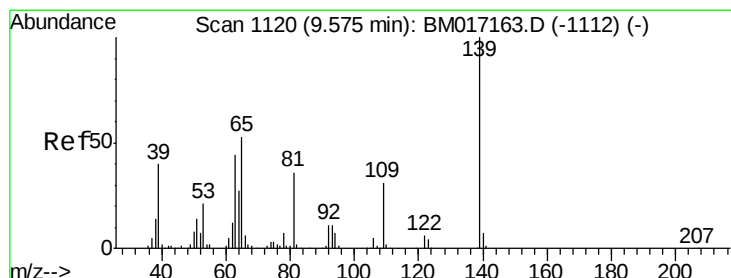
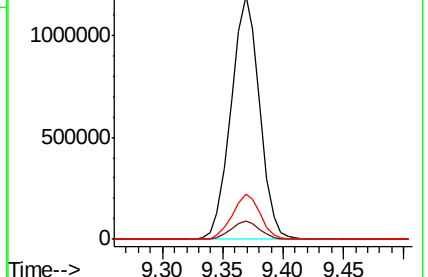
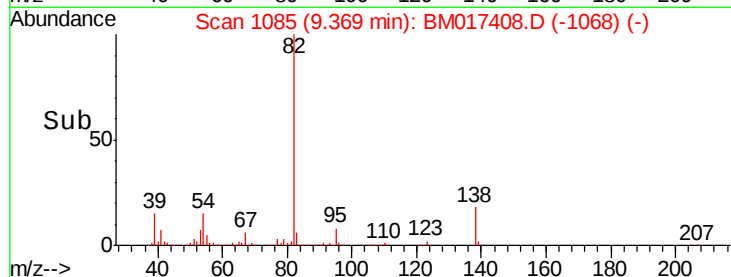
138 18.4 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BM017408.D (-1081) (-)

Ion 95.00 (94.70 to 95.70): BM017408.D (-1081) (-)

Ion 138.00 (137.70 to 138.70): BM017408.D (-1081) (-)



#26

2-Nitrophenol

Concen: 49.122 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

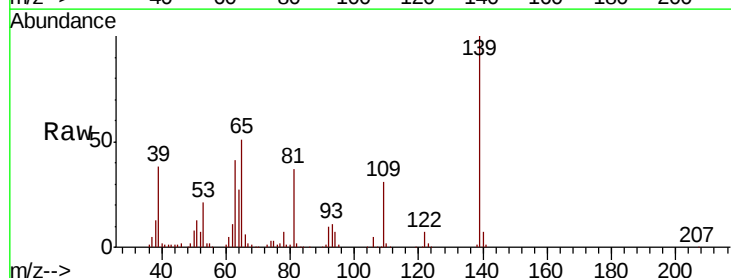
Tgt Ion: 139 Resp: 530373

Ion Ratio Lower Upper

139 100

109 30.6 23.2 34.8

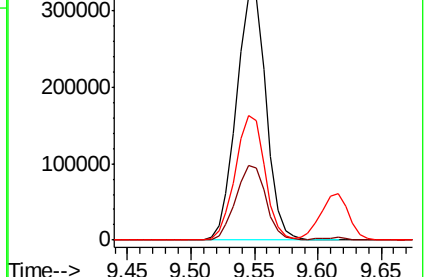
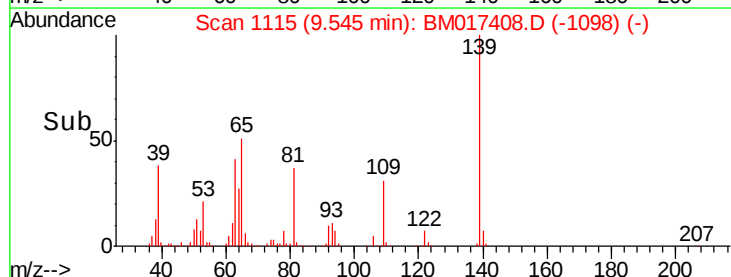
65 50.9 40.6 61.0

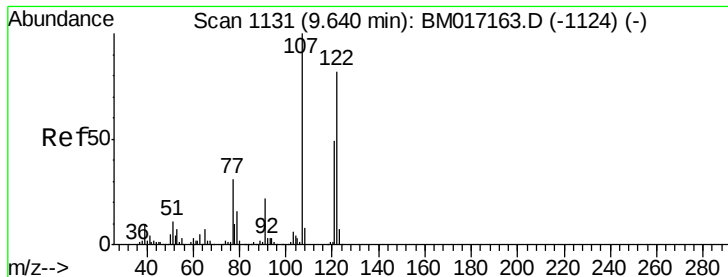


Abundance Ion 139.00 (138.70 to 139.70): BM017408.D (-1098) (-)

Ion 109.00 (108.70 to 109.70): BM017408.D (-1098) (-)

Ion 65.00 (64.70 to 65.70): BM017408.D (-1098) (-)





#27

2,4-Dimethylphenol

Concen: 58.187 ng

RT: 9.62 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Instrument :

BNA_M

ClientSampleId :

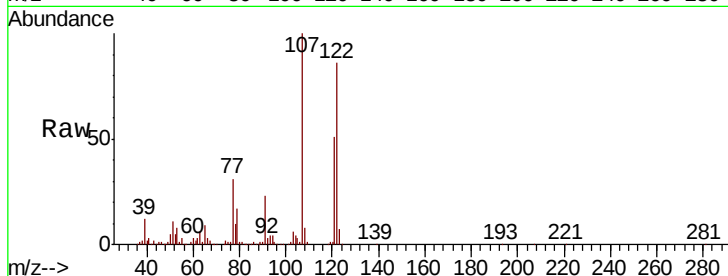
Tot Ion:122 Resp: 923795

Ion Ratio Lower Upper

122 100

107 116.0 95.0 142.6

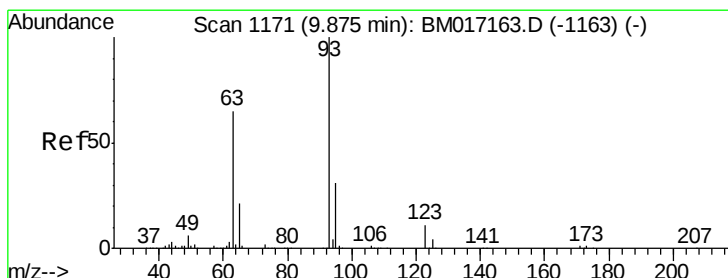
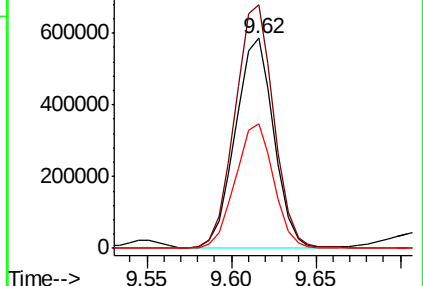
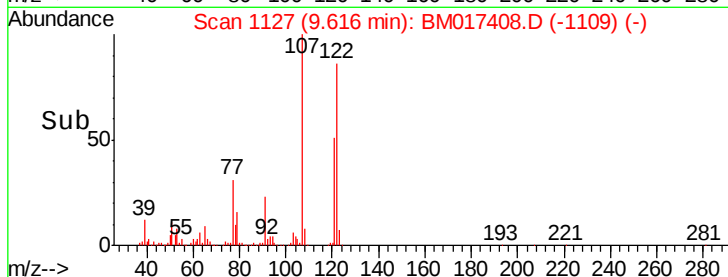
121 59.3 48.2 72.4



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: 47.730 ng

RT: 9.85 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

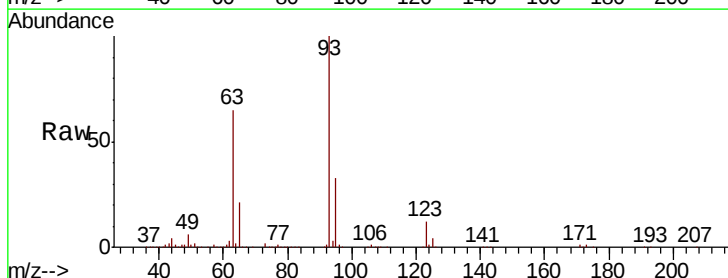
Tgt Ion: 93 Resp: 1206194

Ion Ratio Lower Upper

93 100

95 32.8 25.7 38.5

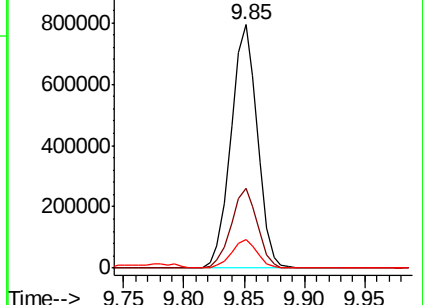
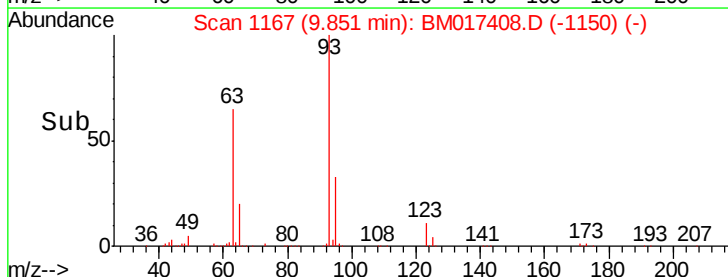
123 11.7 9.4 14.0

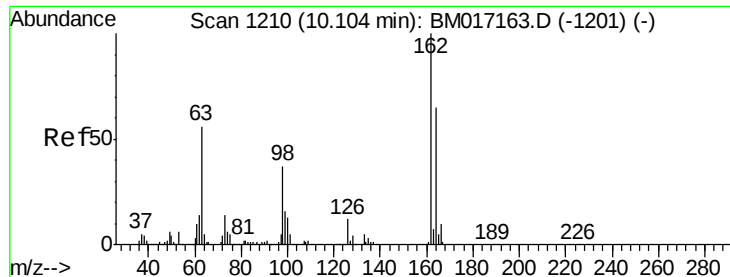


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

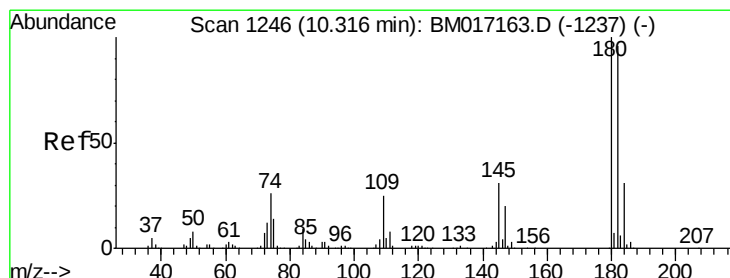
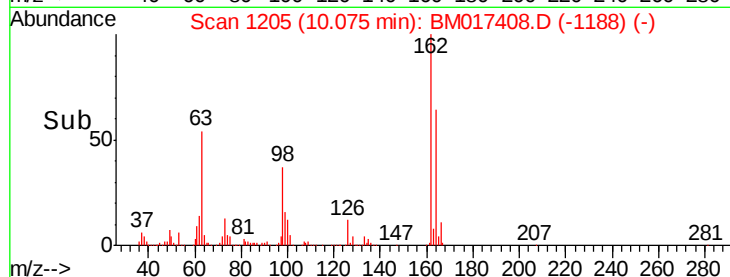
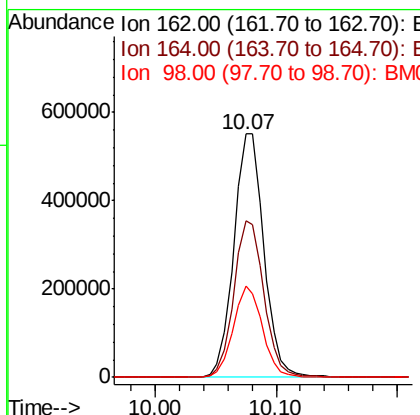
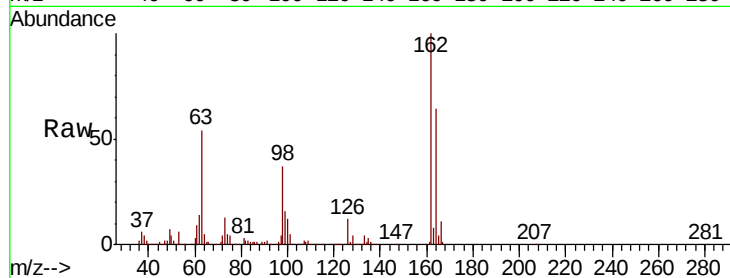




#29
 2,4-Dichlorophenol
 Concen: 52.070 ng
 RT: 10.07 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BM017408.D
 Acq: 29 Oct 2018 15:04

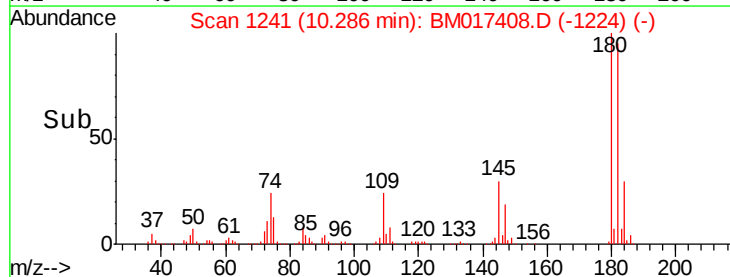
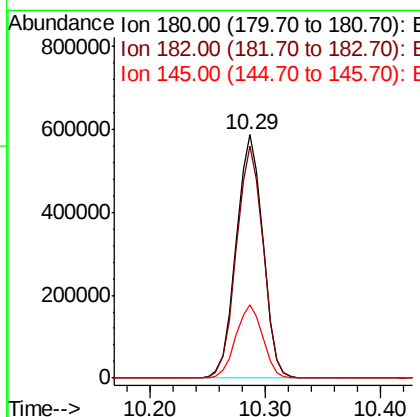
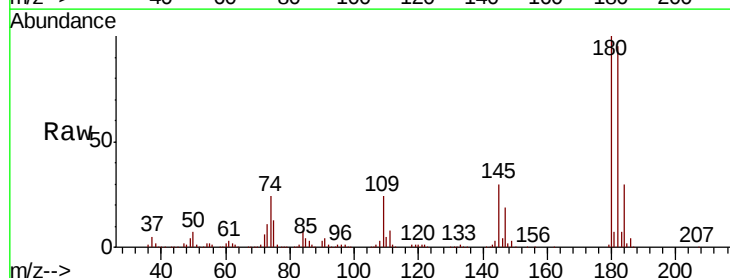
Instrument :
 BNA_M
 ClientSampleId :

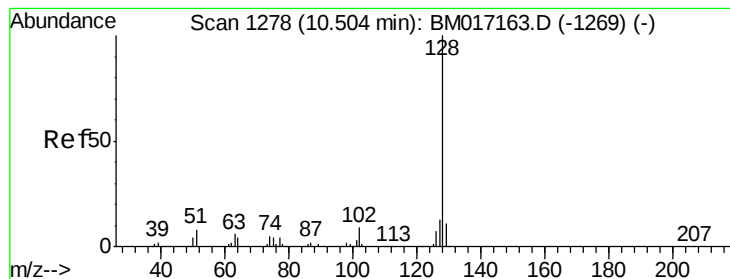
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.9	84.9
98	37.3	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 42.310 ng
 RT: 10.29 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BM017408.D
 Acq: 29 Oct 2018 15:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.5	116.3
145	30.1	24.0	36.0

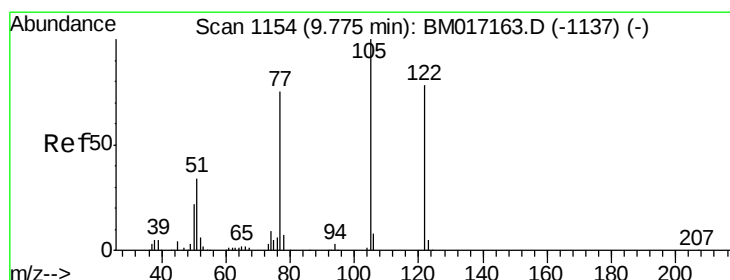
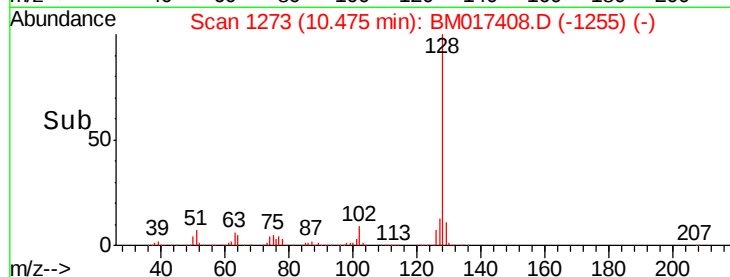
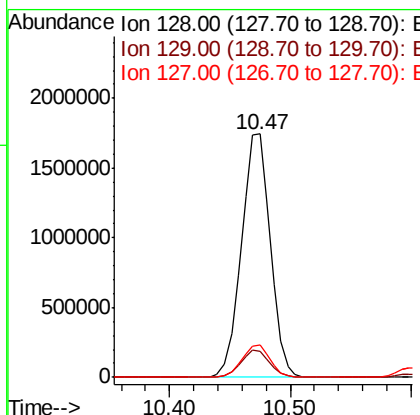
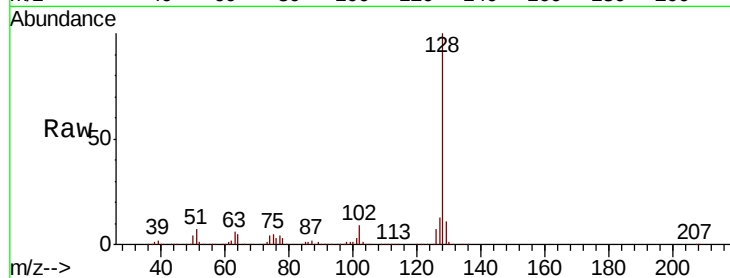




#31
Naphthalene
Concen: 46.785 ng
RT: 10.47 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

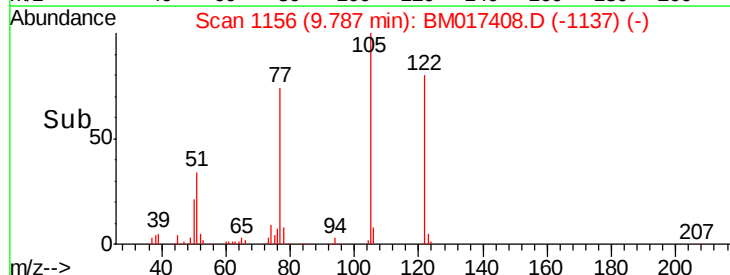
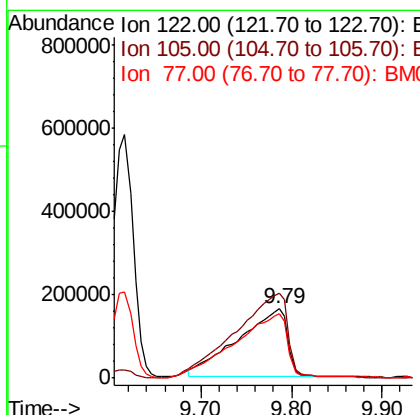
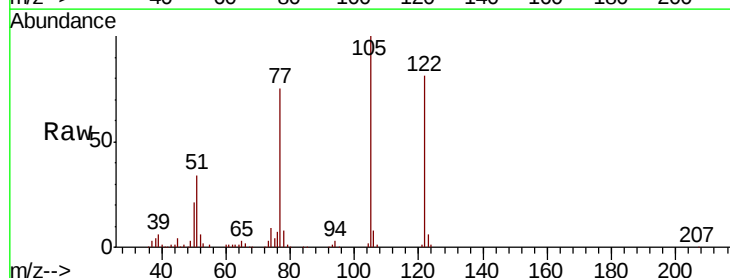
Instrument :
BNA_M
ClientSampleId :

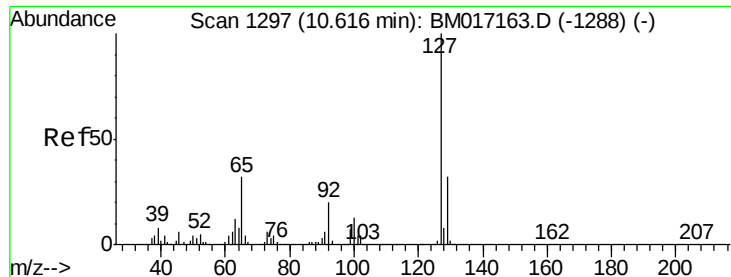
Tot Ion:128 Resp: 2915571
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 13.3 10.3 15.5



#32
Benzoic acid
Concen: 52.069 ng
RT: 9.79 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

Tgt Ion:122 Resp: 616803
Ion Ratio Lower Upper
122 100
105 123.7 102.0 142.0
77 92.8 67.7 107.7

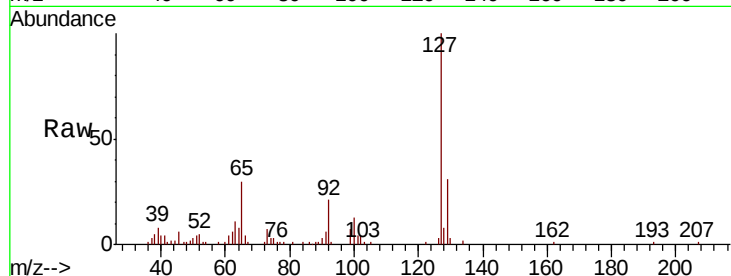




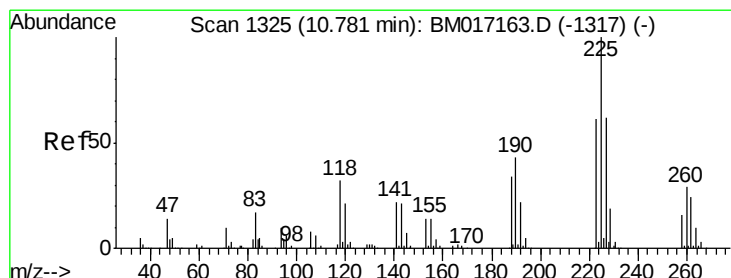
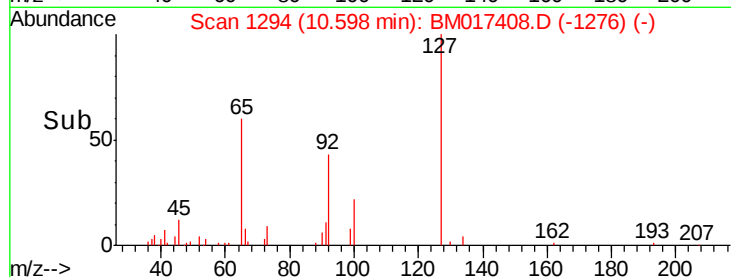
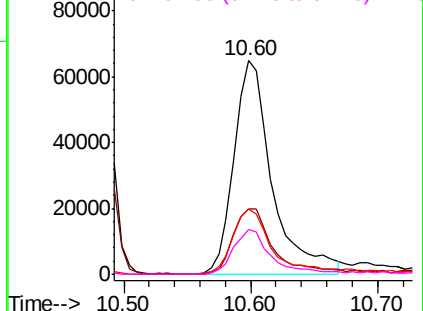
#33
4-Chloroaniline
Concen: 5.046 ng
RT: 10.60 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	135807
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.2	39.4
65	30.3	23.7	35.5
92	20.9	14.3	21.5

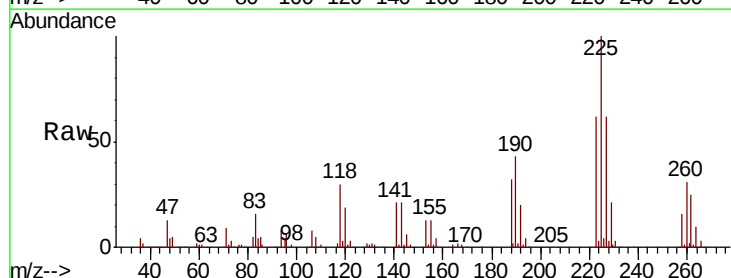


Abundance Ion 127.00 (126.70 to 127.70): E
100000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

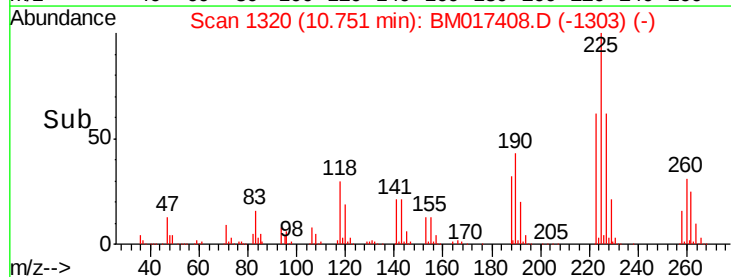
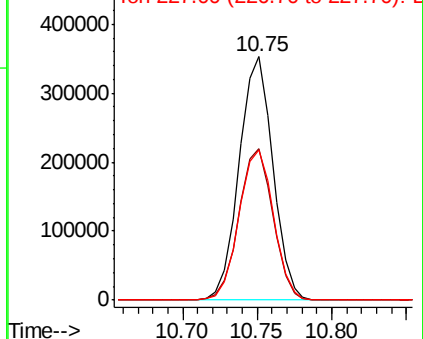


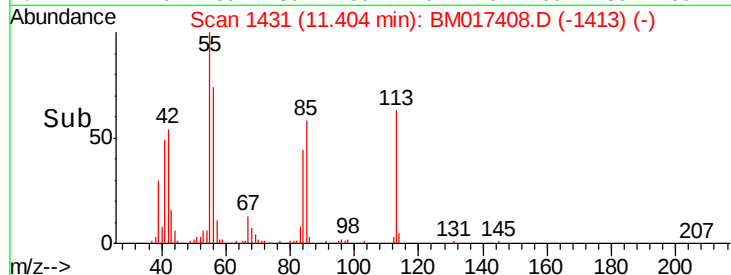
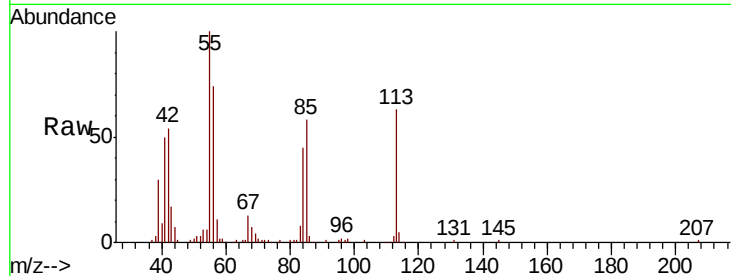
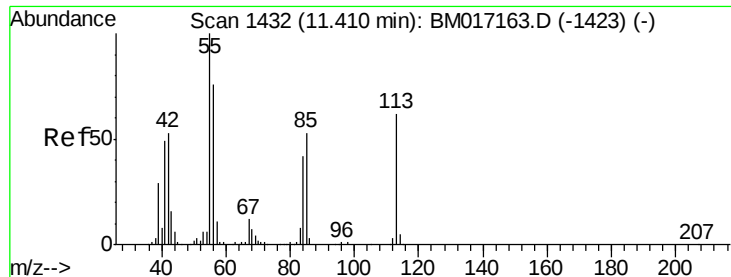
#34
Hexachlorobutadiene
Concen: 39.468 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

Tgt Ion:	225	Resp:	552993
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.6
227	61.8	50.8	76.2



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

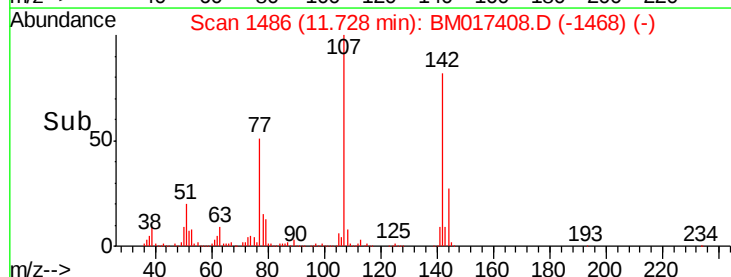
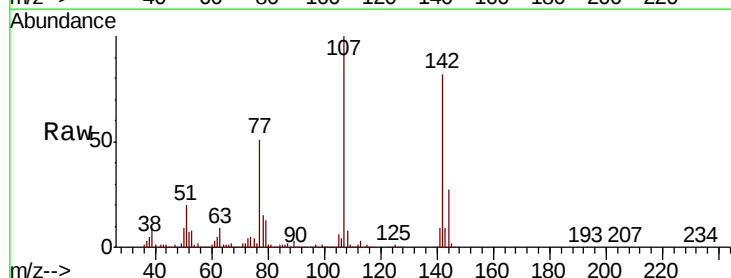
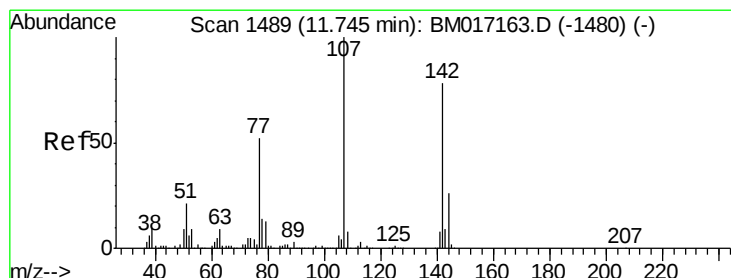
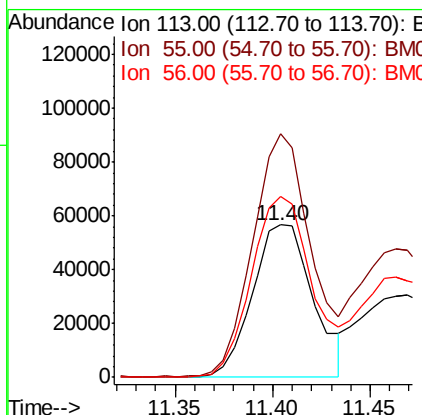




#35
Caprolactam
Concen: 18.065 ng
RT: 11.40 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

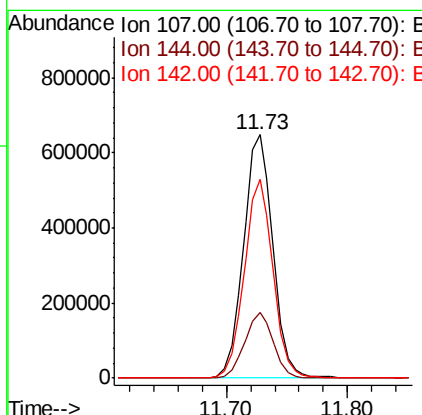
Instrument :
BNA_M
ClientSampleId :

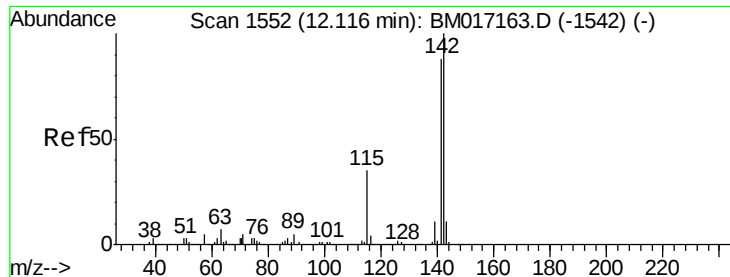
Tot Ion:113 Resp: 121359
Ion Ratio Lower Upper
113 100
55 159.8 147.0 187.0
56 118.4 104.5 144.5



#36
4-Chloro-3-methylphenol
Concen: 52.824 ng
RT: 11.73 min Scan# 1486
Delta R.T. 0.01 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

Tgt Ion:107 Resp: 1097594
Ion Ratio Lower Upper
107 100
144 27.2 21.6 32.4
142 81.7 66.0 99.0

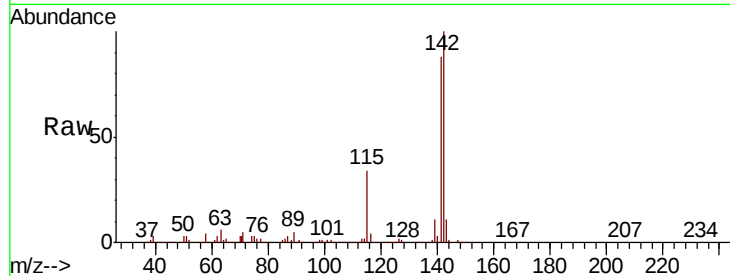




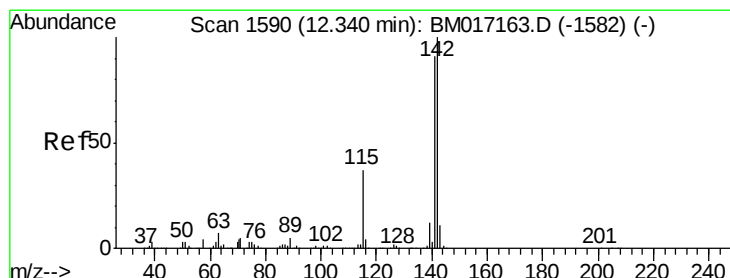
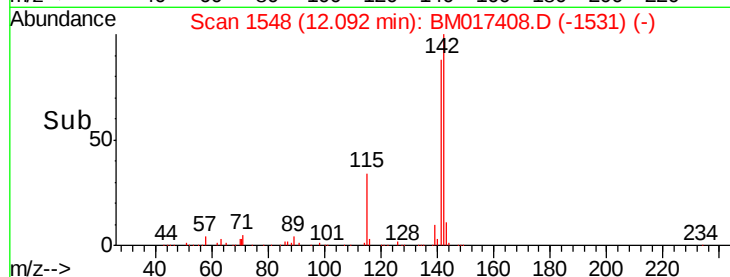
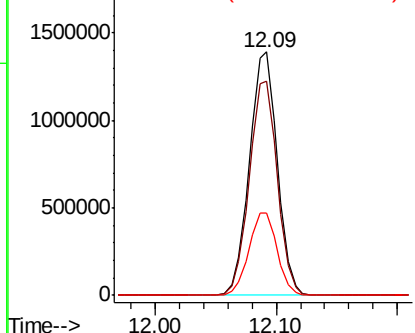
#37
 2-Methylnaphthalene
 Concen: 52.616 ng
 RT: 12.09 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BM017408.D
 Acq: 29 Oct 2018 15:04

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:142 Resp: 2243807
 Ion Ratio Lower Upper
 142 100
 141 88.0 70.9 106.3
 115 34.1 26.4 39.6

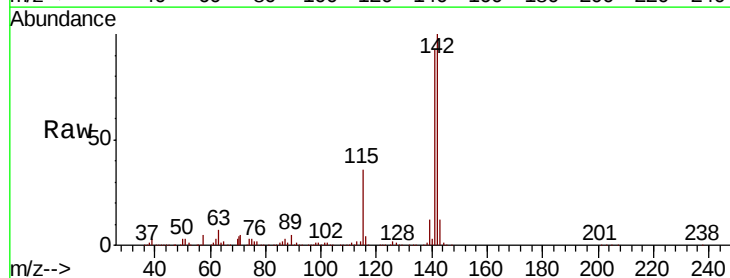


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

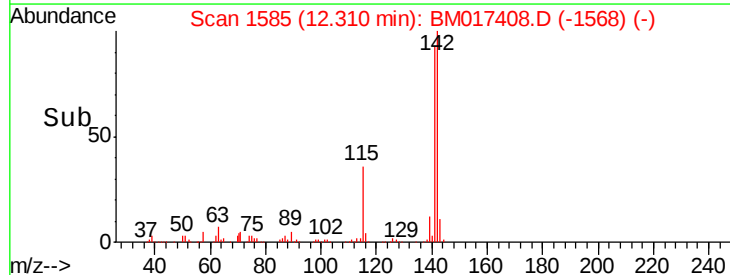
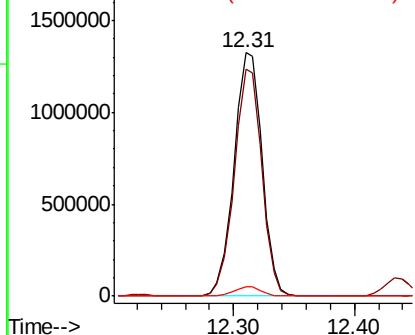


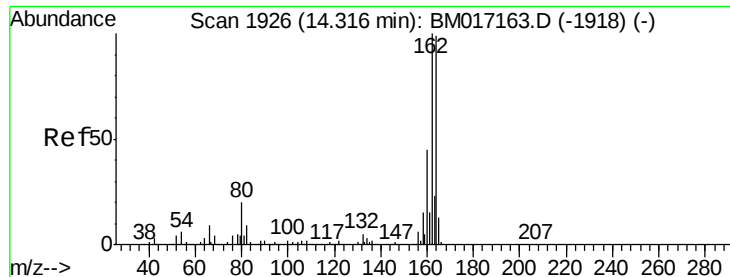
#38
 1-Methylnaphthalene
 Concen: 51.515 ng
 RT: 12.31 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BM017408.D
 Acq: 29 Oct 2018 15:04

Tgt Ion:142 Resp: 2138201
 Ion Ratio Lower Upper
 142 100
 141 93.4 73.8 110.6
 116 3.7 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Instrument :

BNA_M

ClientSampleId :

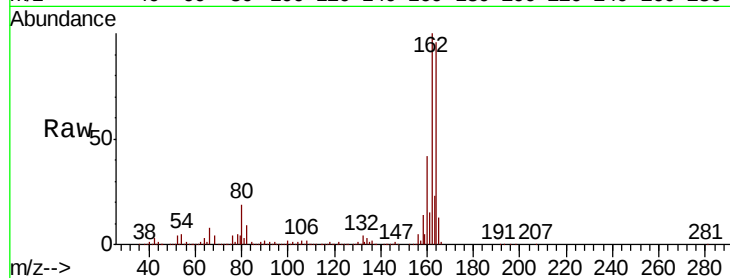
Tot Ion:164 Resp: 789042

Ion Ratio Lower Upper

164 100

162 104.0 82.1 123.1

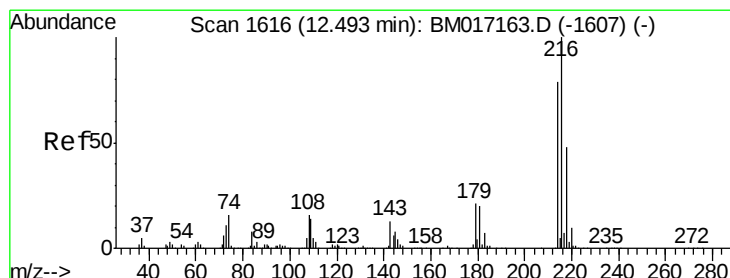
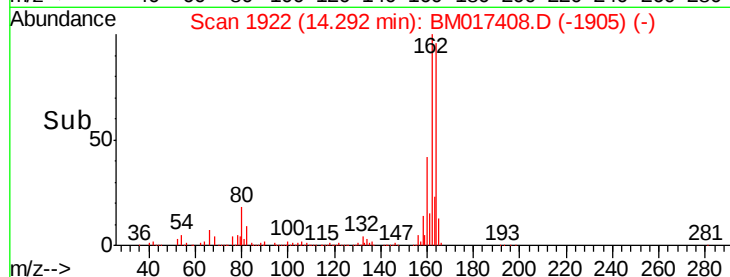
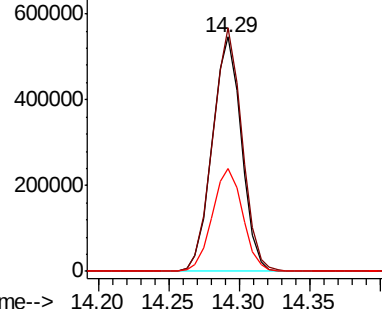
160 44.2 40.2 60.2



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.924 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Tgt Ion:216 Resp: 1137163

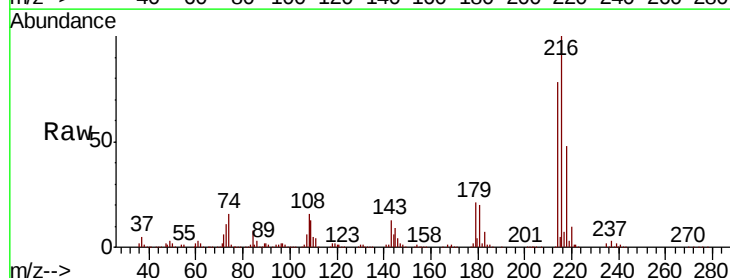
Ion Ratio Lower Upper

216 100

214 79.0 62.6 93.8

179 21.0 16.6 24.8

108 19.3 13.5 20.3

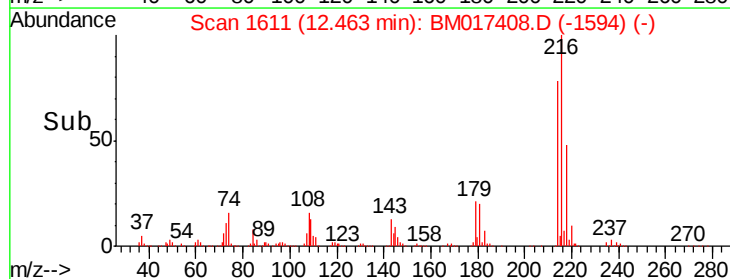
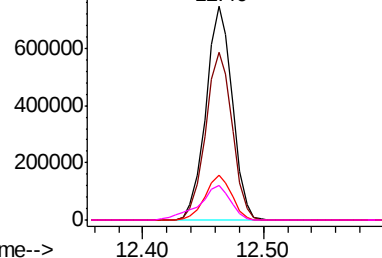


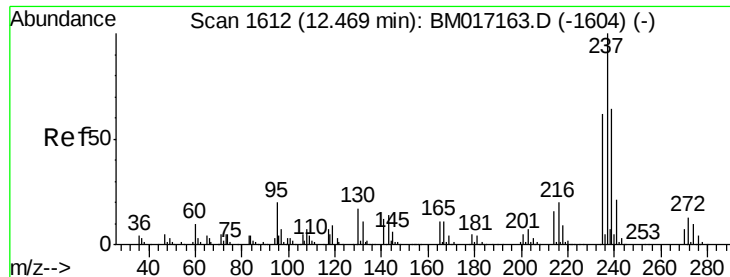
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 97.218 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Instrument :

BNA_M

ClientSampleId :

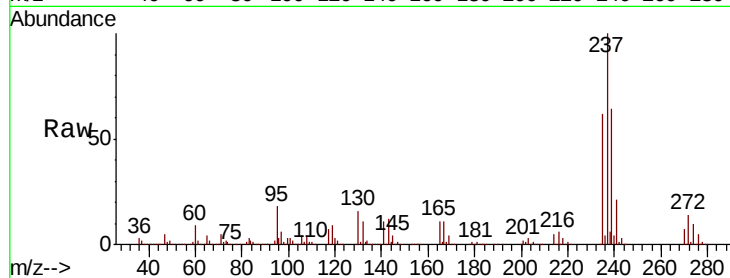
Tot Ion:237 Resp: 1305966

Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.4	82.4
272	13.5	0.0	33.0

237 100

235 62.5 42.4 82.4

272 13.5 0.0 33.0

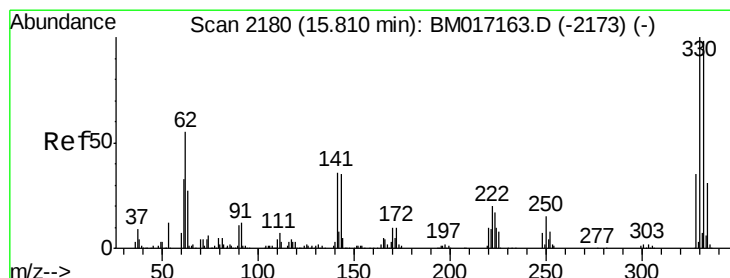
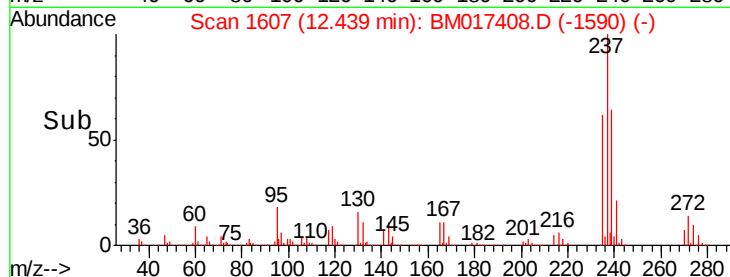
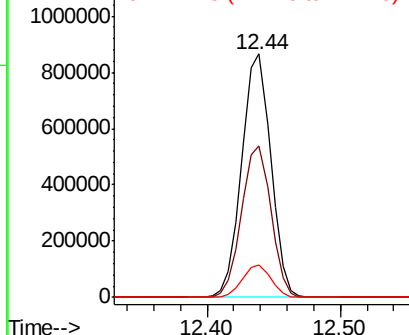


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 128.517 ng

RT: 15.79 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

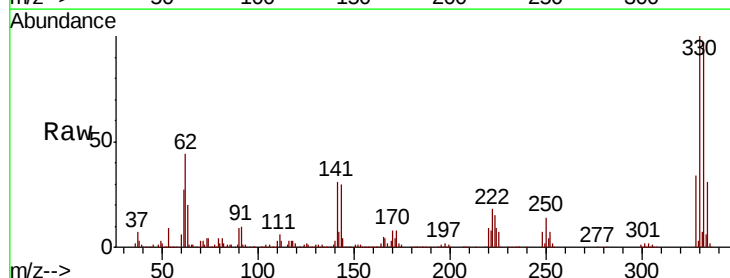
Tgt Ion:330 Resp: 1371361

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	31.9	27.4	41.0

330 100

332 97.1 77.3 115.9

141 31.9 27.4 41.0

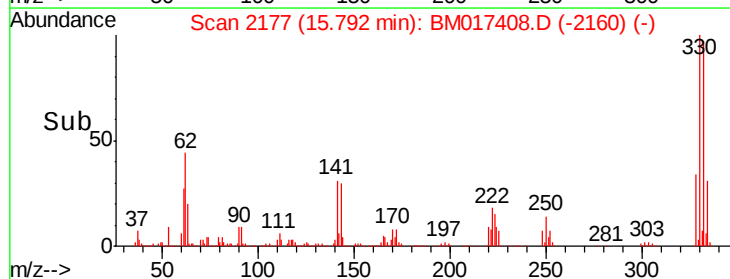
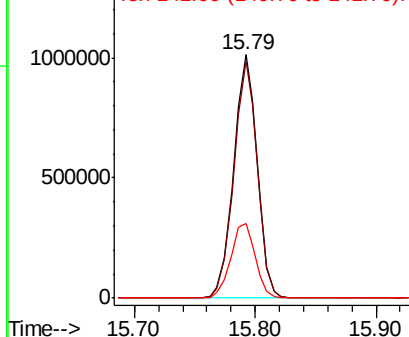


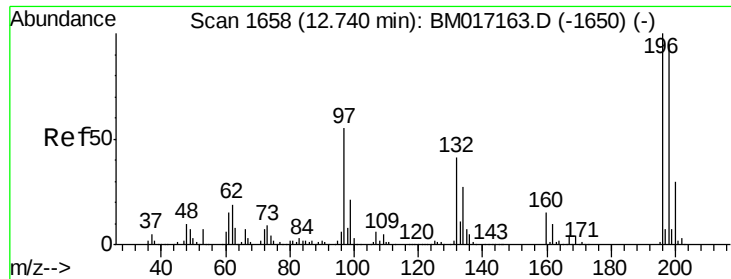
Abundance

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

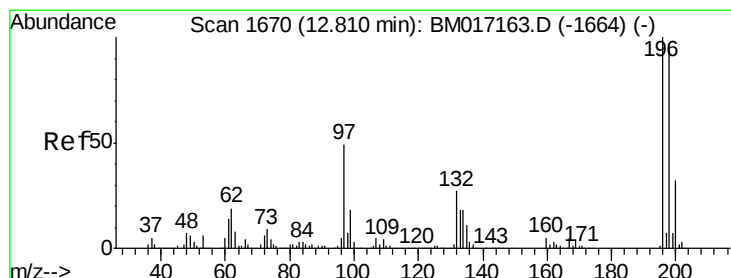
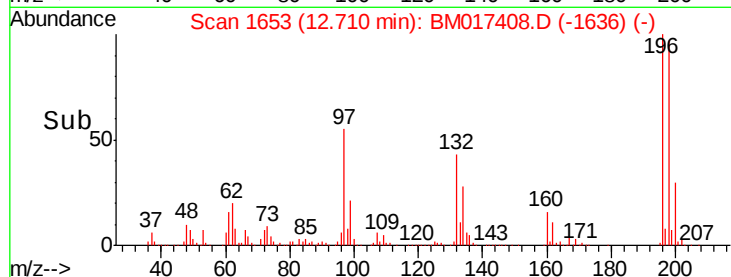
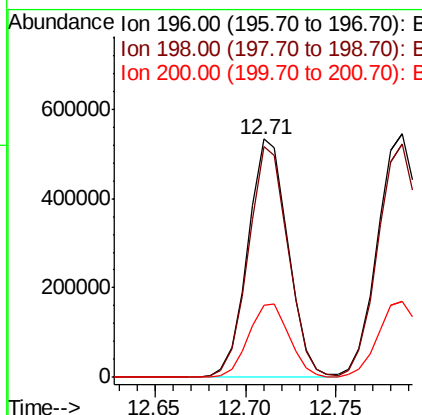
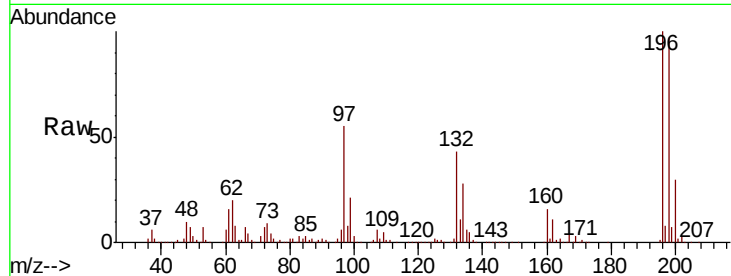




#43
 2,4,6-Trichlorophenol
 Concen: 50.844 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BM017408.D
 Acq: 29 Oct 2018 15:04

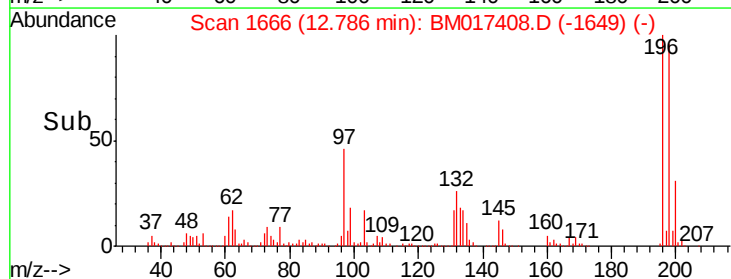
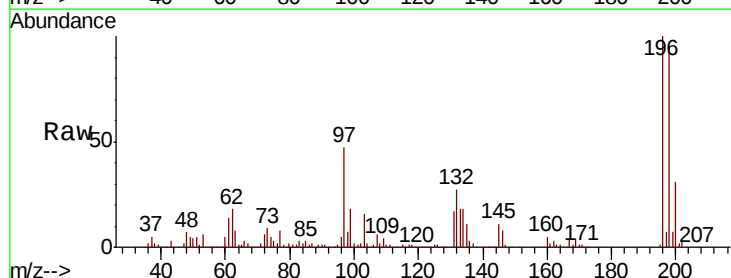
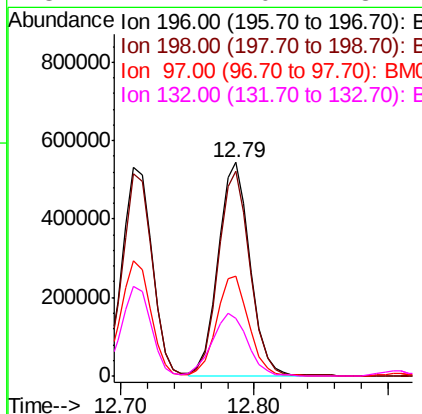
Instrument :
 BNA_M
 ClientSampleId :

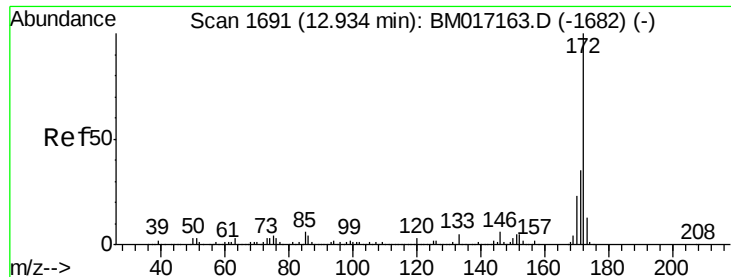
Tot Ion:196 Resp: 820152
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.1 115.7
 200 30.4 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 52.287 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BM017408.D
 Acq: 29 Oct 2018 15:04

Tgt Ion:196 Resp: 904422
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.6 115.0
 97 46.5 35.5 53.3
 132 27.1 20.7 31.1

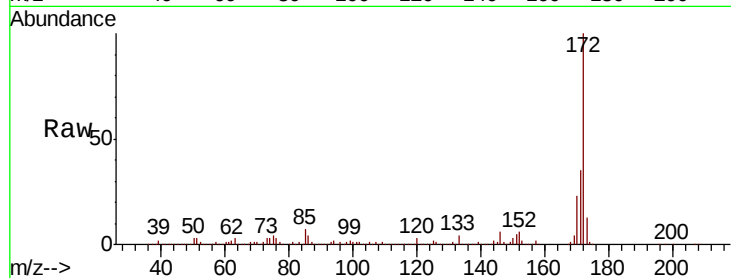




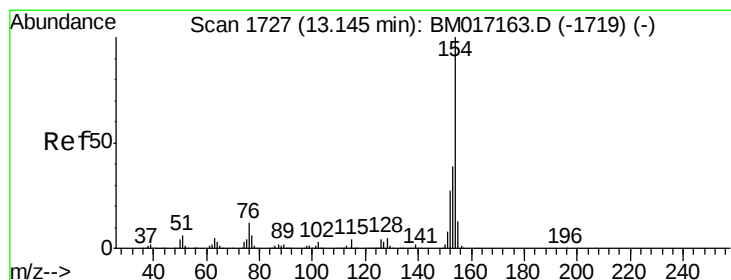
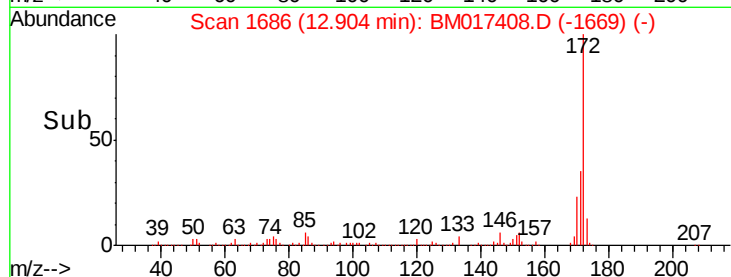
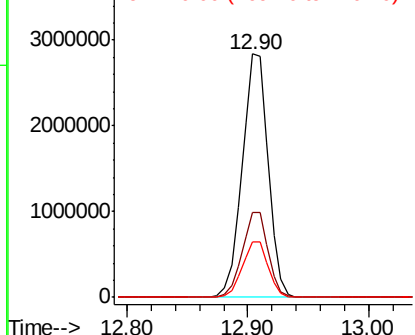
#45
2-Fluorobiphenyl
Concen: 71.726 ng
RT: 12.90 min Scan# 1686
Delta R.T. -0.00 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 4253501
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 22.9 18.3 27.5

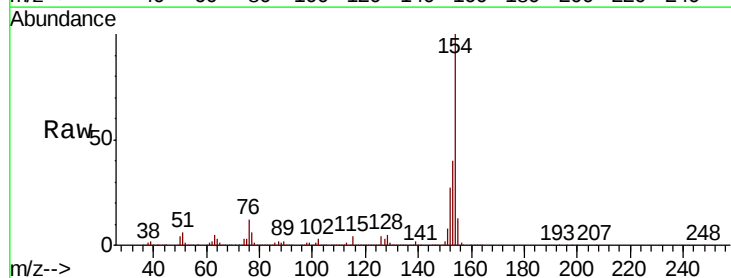


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

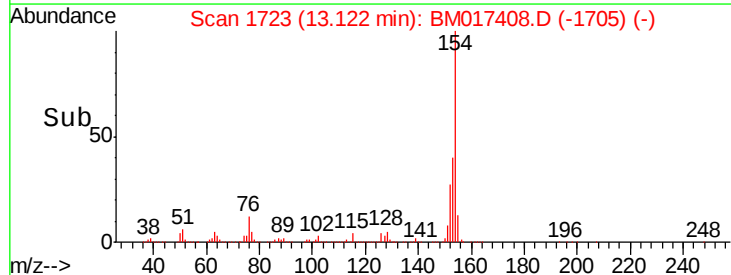
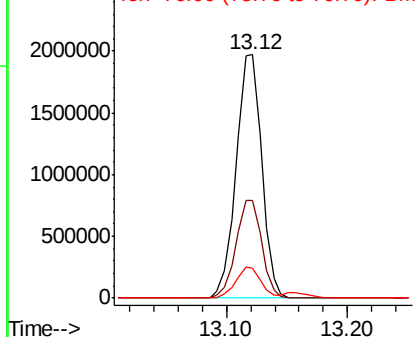


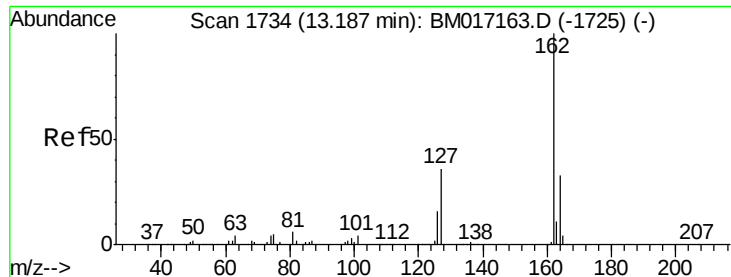
#46
1,1'-Biphenyl
Concen: 41.103 ng
RT: 13.12 min Scan# 1723
Delta R.T. 0.01 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

Tgt Ion:154 Resp: 2918535
Ion Ratio Lower Upper
154 100
153 40.0 20.5 60.5
76 12.0 0.0 31.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

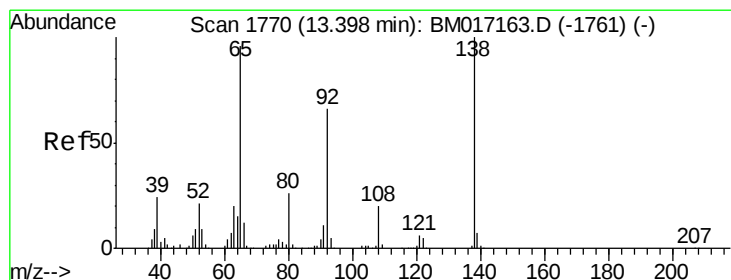
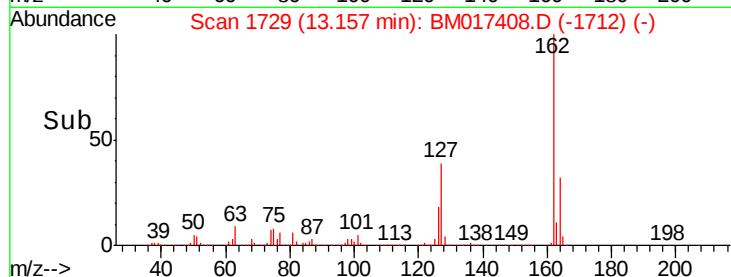
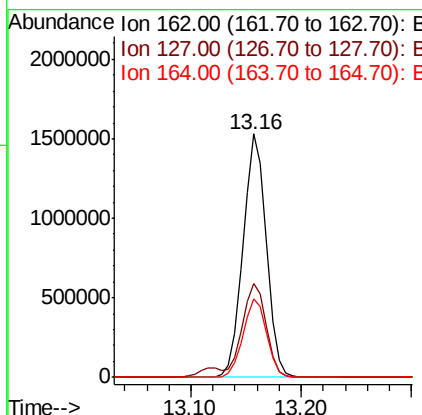
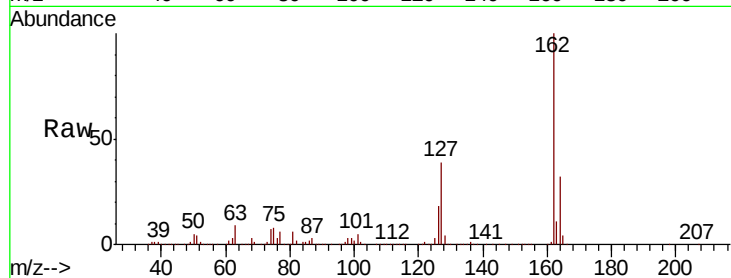




#47
2-Chloronaphthalene
Concen: 43.419 ng
RT: 13.16 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

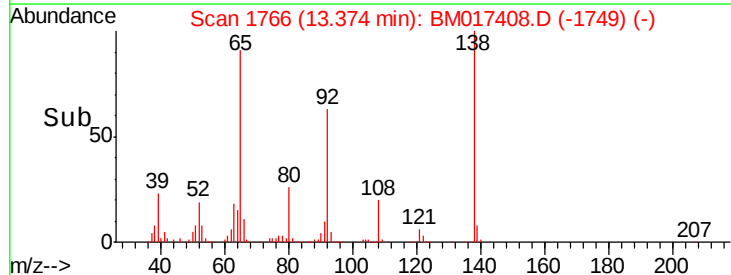
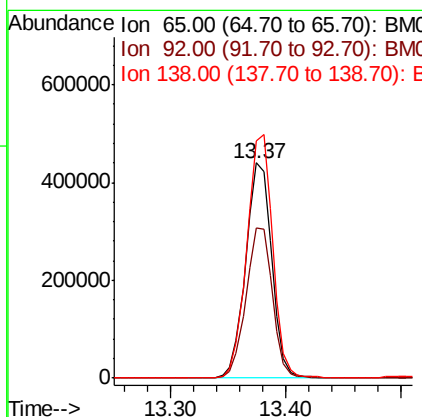
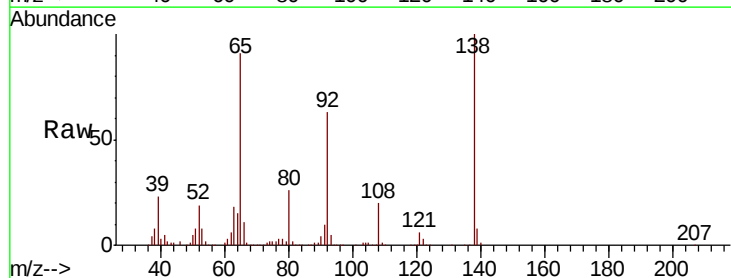
Instrument :
BNA_M
ClientSampleId :

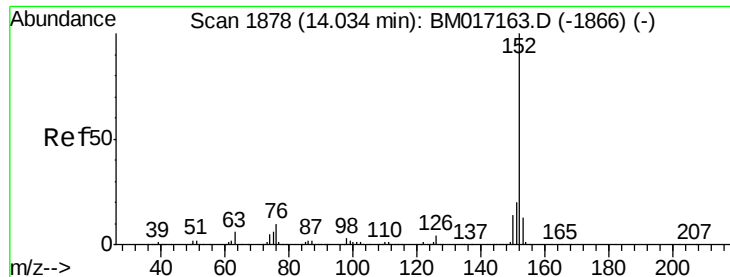
Tot Ion:162 Resp: 2268040
Ion Ratio Lower Upper
162 100
127 38.7 31.0 46.4
164 32.2 26.6 39.8



#48
2-Nitroaniline
Concen: 47.220 ng
RT: 13.37 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

Tgt Ion: 65 Resp: 695318
Ion Ratio Lower Upper
65 100
92 69.5 54.9 82.3
138 110.1 83.7 125.5

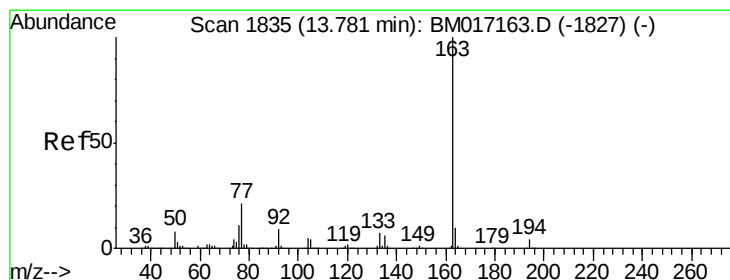
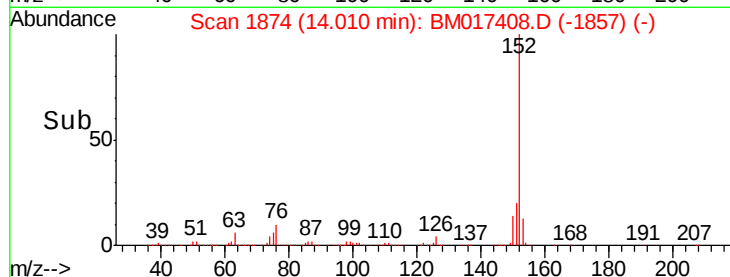
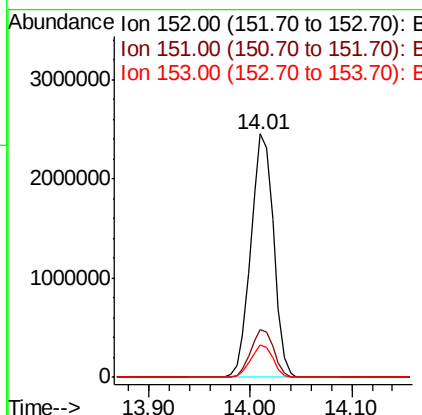
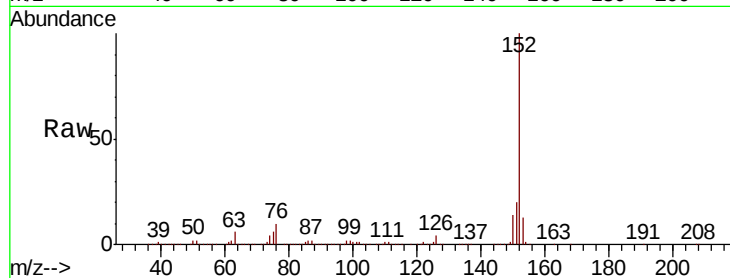




#49
Acenaphthylene
Concen: 50.488 ng
RT: 14.01 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

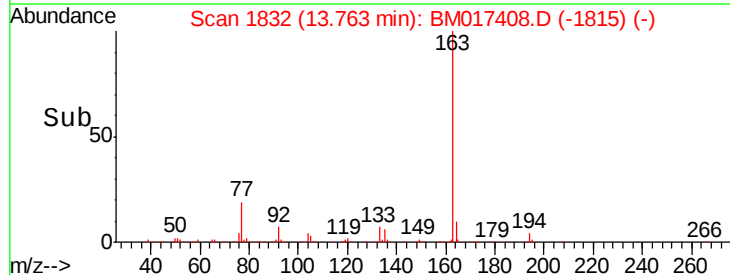
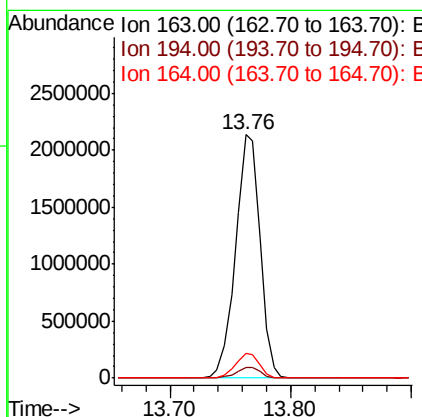
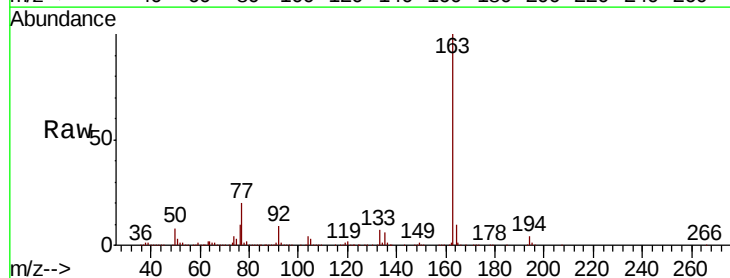
Instrument :
BNA_M
ClientSampleId :

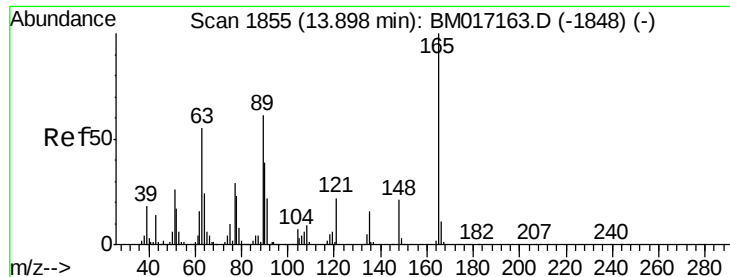
Tot Ion:152 Resp: 3822815
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 49.617 ng
RT: 13.76 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

Tgt Ion:163 Resp: 3020422
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 7.8 11.8

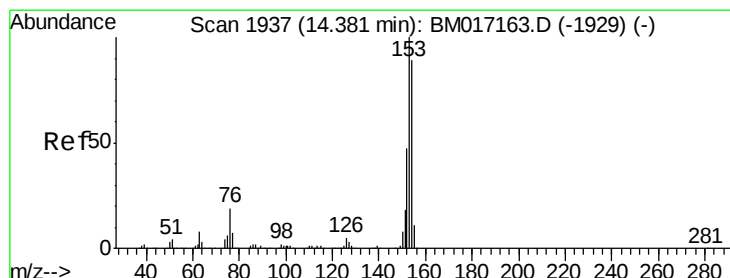
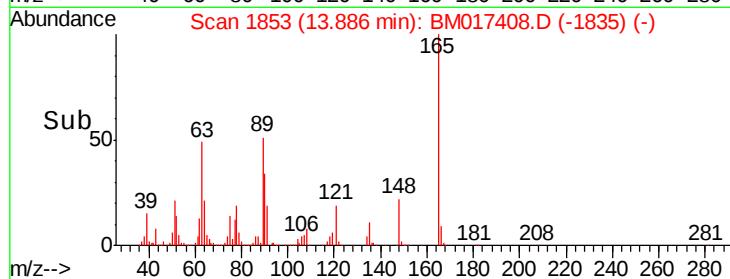
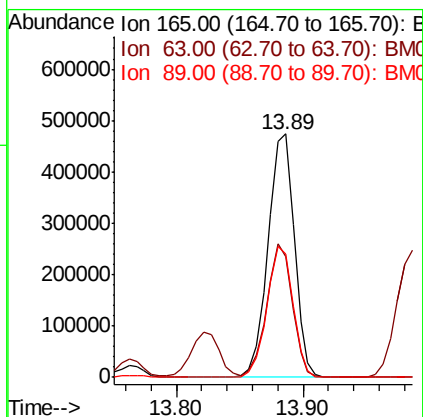
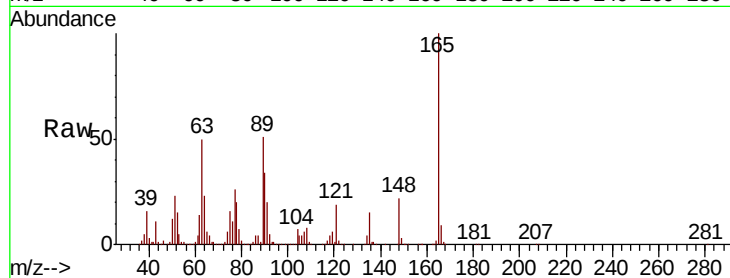




#51
2,6-Dinitrotoluene
Concen: 51.084 ng
RT: 13.89 min Scan# 1853
Delta R.T. 0.01 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

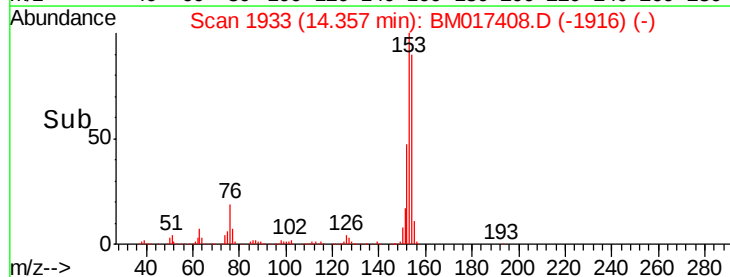
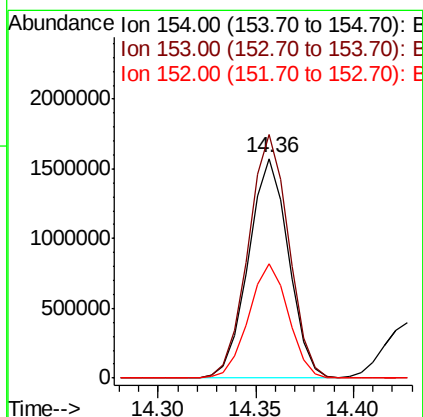
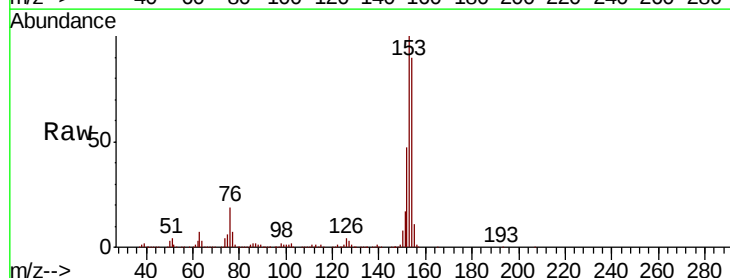
Instrument :
BNA_M
ClientSampleId :

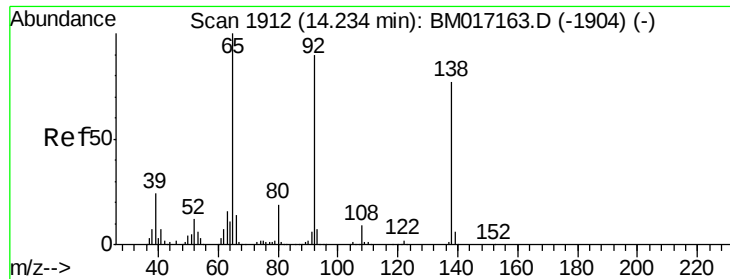
Tot Ion:165 Resp: 684438
Ion Ratio Lower Upper
165 100
63 49.6 42.7 64.1
89 50.7 42.1 63.1



#52
Acenaphthene
Concen: 47.270 ng
RT: 14.36 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

Tgt Ion:154 Resp: 2247266
Ion Ratio Lower Upper
154 100
153 110.7 90.2 135.2
152 51.8 44.2 66.4





#53

3-Nitroaniline

Concen: 27.495 ng

RT: 14.22 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Instrument :

BNA_M

ClientSampleId :

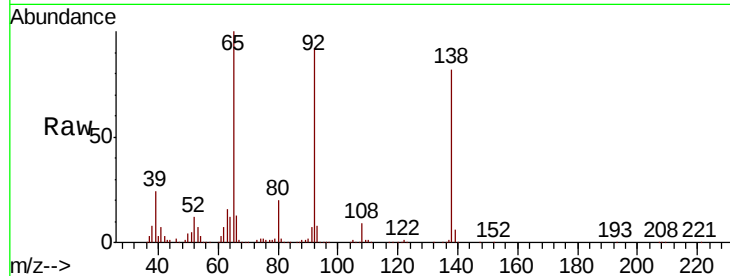
Tot Ion:138 Resp: 398987

Ion Ratio Lower Upper

138 100

108 10.6 8.7 13.1

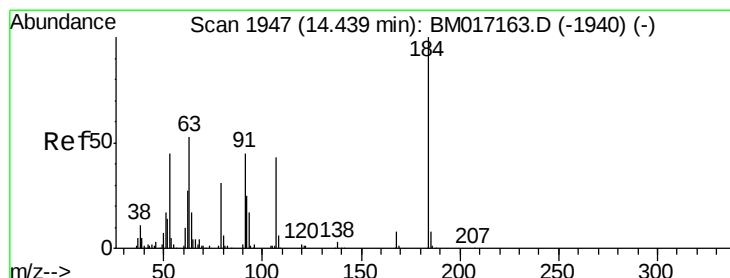
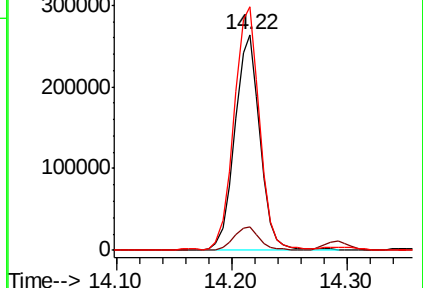
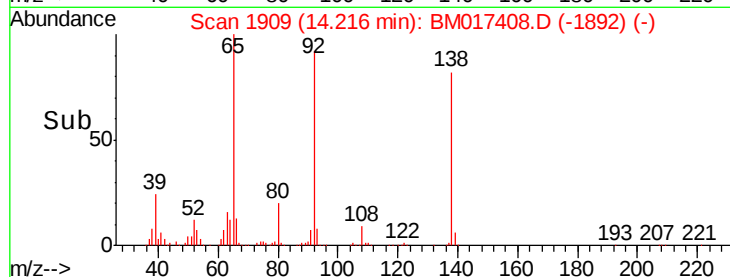
92 112.7 87.9 131.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 114.702 ng

RT: 14.43 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

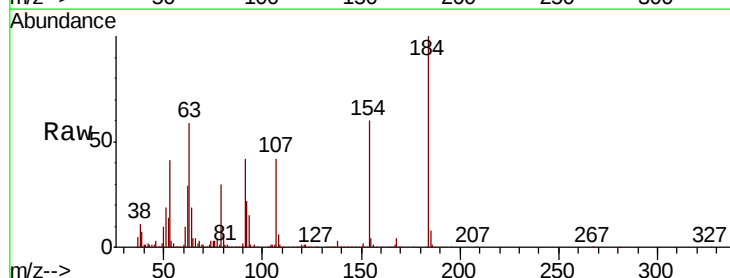
Tgt Ion:184 Resp: 932839

Ion Ratio Lower Upper

184 100

63 58.6 51.2 76.8

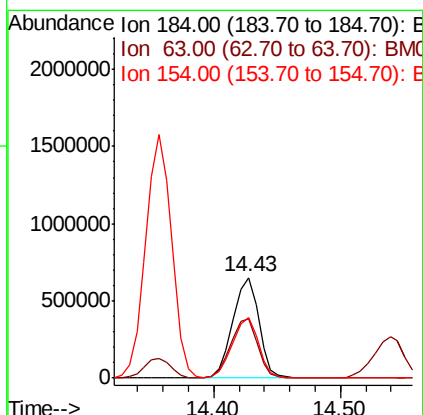
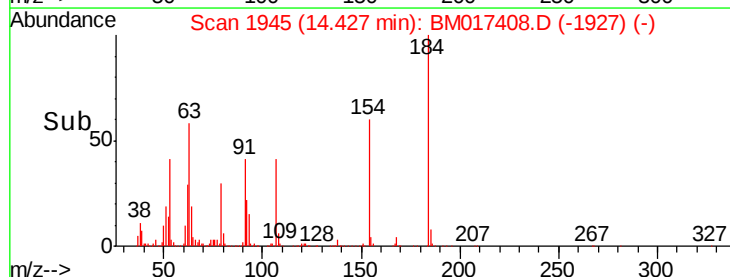
154 60.2 47.8 71.8

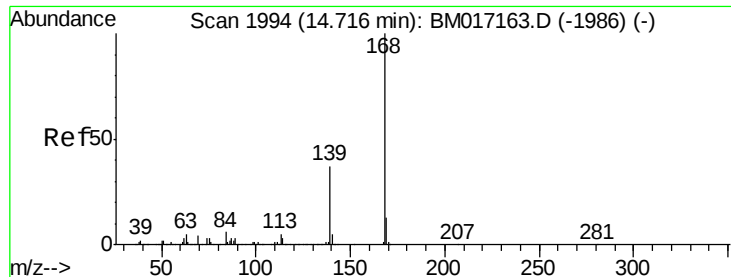


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

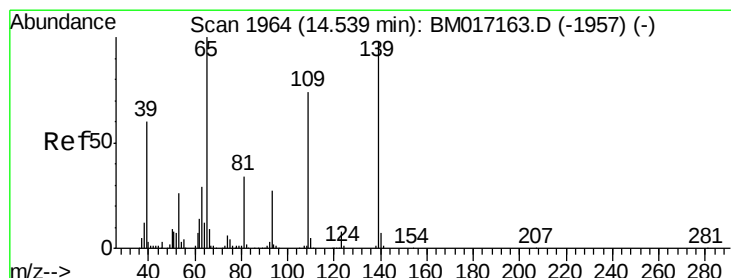
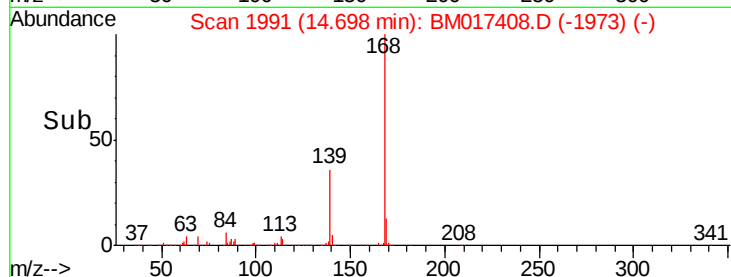
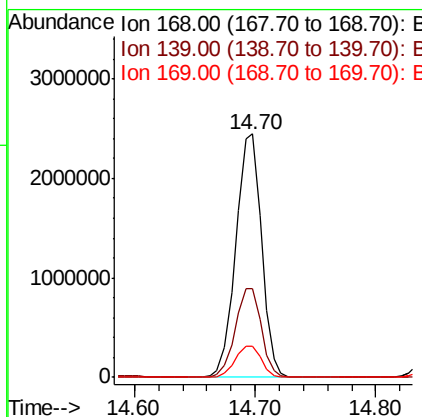
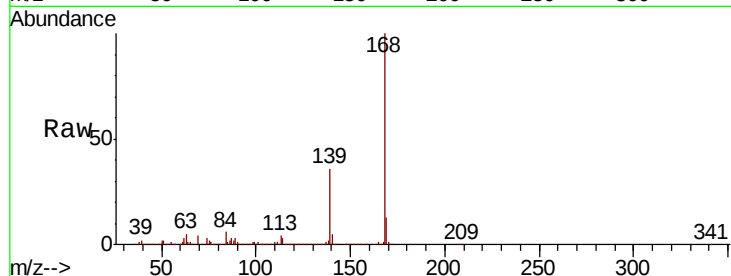




#55
Dibenzenofuran
Concen: 45.971 ng
RT: 14.70 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

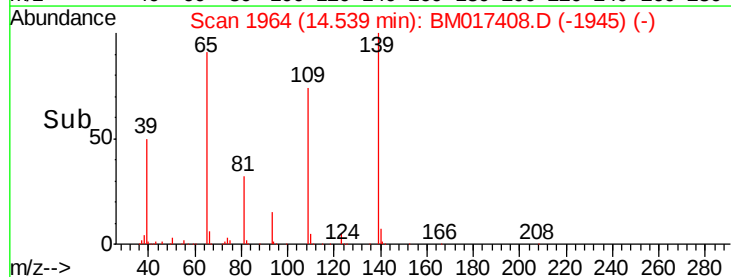
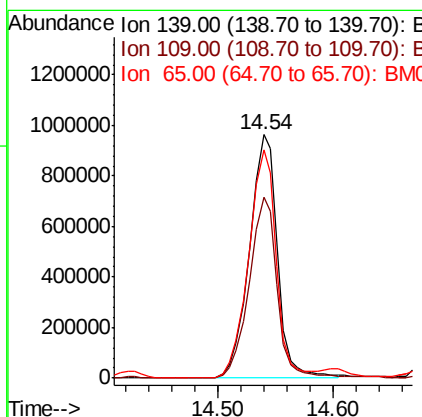
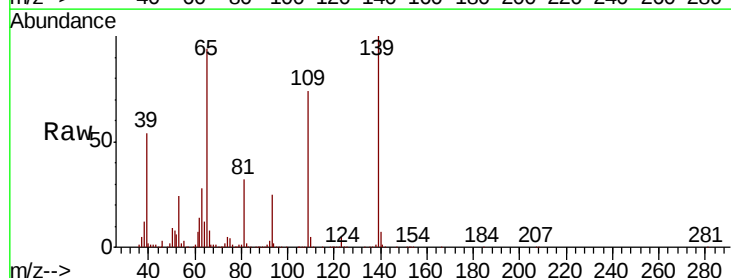
Instrument :
BNA_M
ClientSampleId :

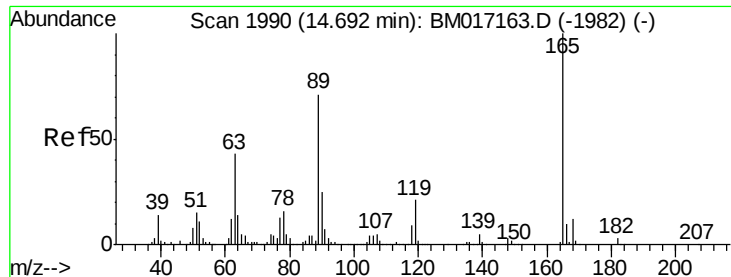
Tot Ion:168 Resp: 3634357
Ion Ratio Lower Upper
168 100
139 36.2 29.3 43.9
169 13.0 10.6 15.8



#56
4-Nitrophenol
Concen: 120.983 ng
RT: 14.54 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

Tgt Ion:139 Resp: 1633990
Ion Ratio Lower Upper
139 100
109 74.1 51.8 91.8
65 93.8 72.1 112.1

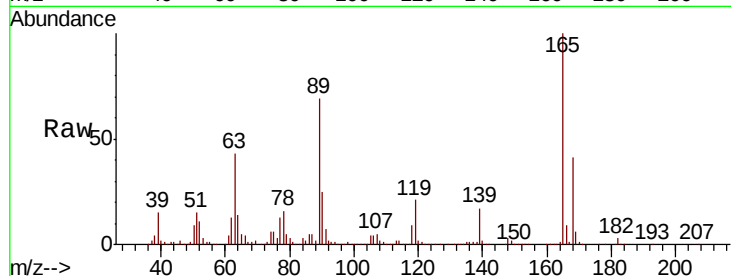




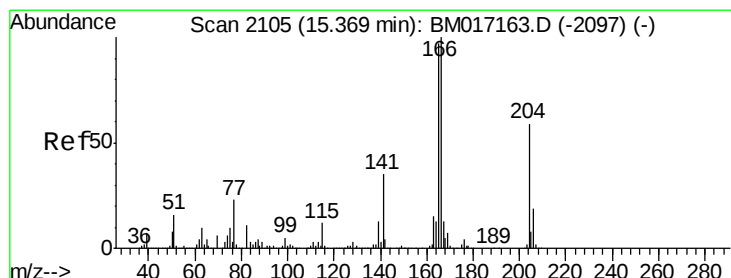
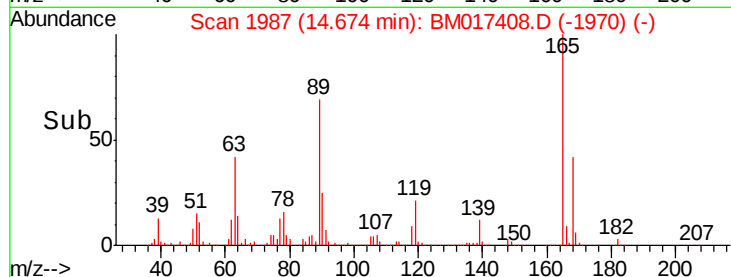
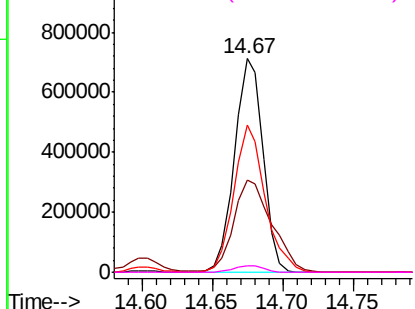
#57
 2,4-Dinitrotoluene
 Concen: 55.558 ng
 RT: 14.67 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BM017408.D
 Acq: 29 Oct 2018 15:04

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:165 Resp: 1000478
 Ion Ratio Lower Upper
 165 100
 63 43.4 33.8 50.8
 89 68.7 53.1 79.7
 182 3.0 2.0 3.0#

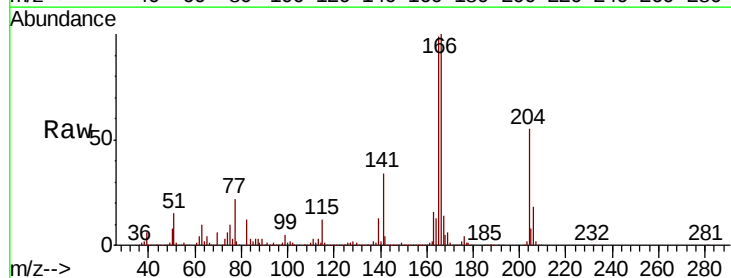


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

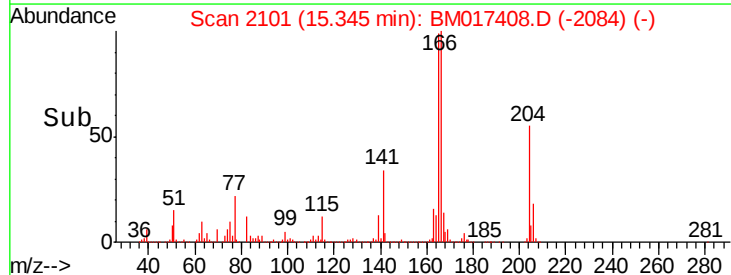
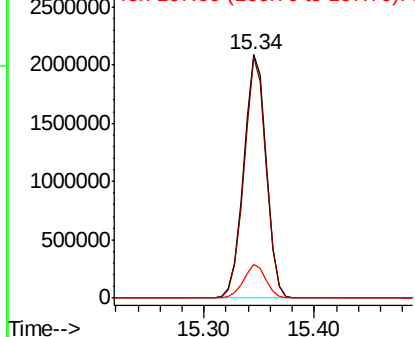


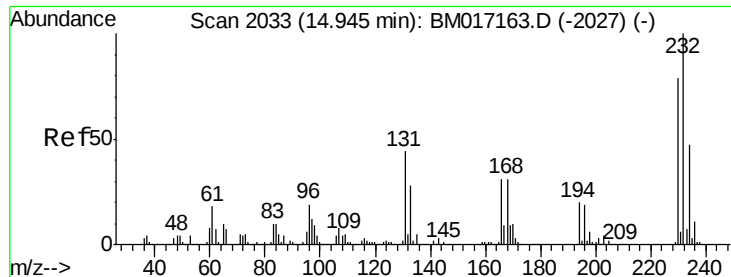
#58
 Fluorene
 Concen: 51.013 ng
 RT: 15.34 min Scan# 2101
 Delta R.T. -0.00 min
 Lab File: BM017408.D
 Acq: 29 Oct 2018 15:04

Tgt Ion:166 Resp: 2985153
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.1 117.1
 167 13.7 10.6 16.0



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

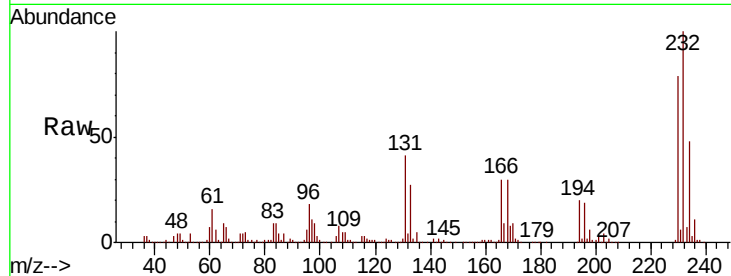




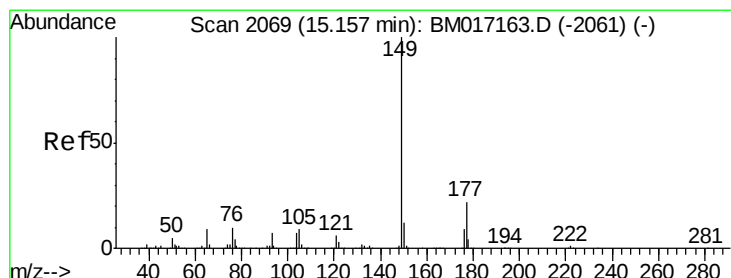
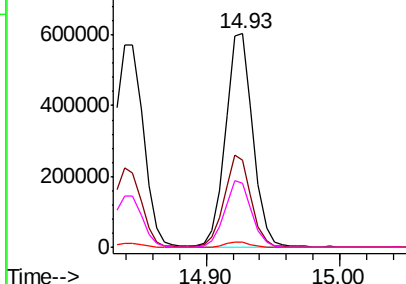
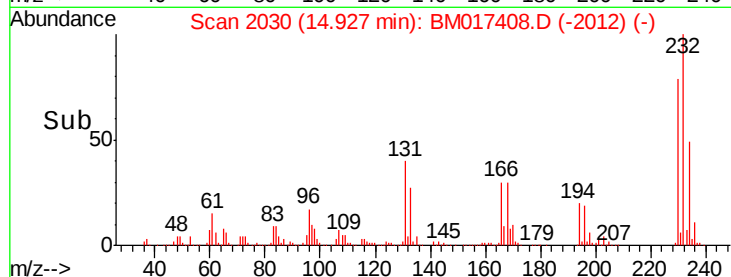
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.474 ng
 RT: 14.93 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BM017408.D
 Acq: 29 Oct 2018 15:04

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.4	33.1	49.7
130	2.2	1.7	2.5
166	30.9	24.4	36.6

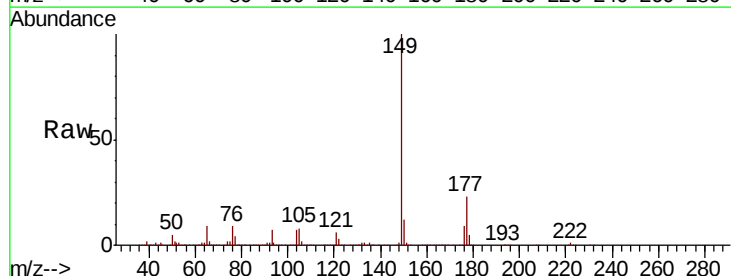


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

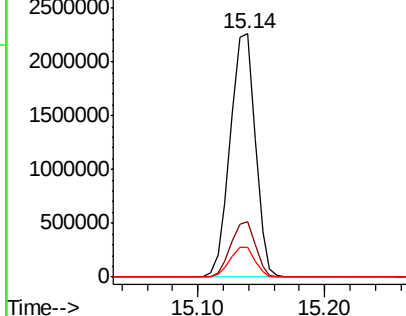
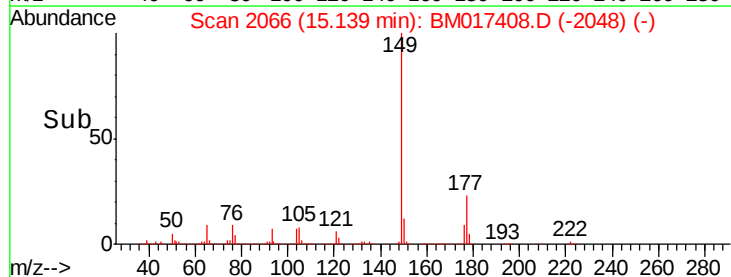


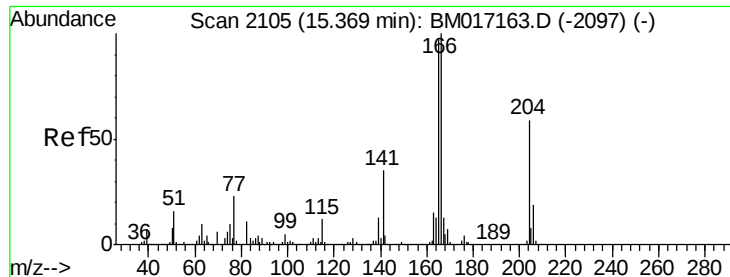
#60
 Diethylphthalate
 Concen: 51.220 ng
 RT: 15.14 min Scan# 2066
 Delta R.T. 0.01 min
 Lab File: BM017408.D
 Acq: 29 Oct 2018 15:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.7	26.5
150	12.5	10.0	15.0



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



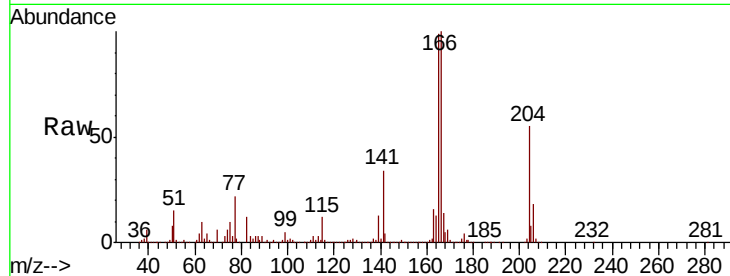


#61
 4-Chlorophenyl-phenylether
 Concen: 44.640 ng
 RT: 15.34 min Scan# 2101
 Delta R.T. -0.00 min
 Lab File: BM017408.D
 Acq: 29 Oct 2018 15:04

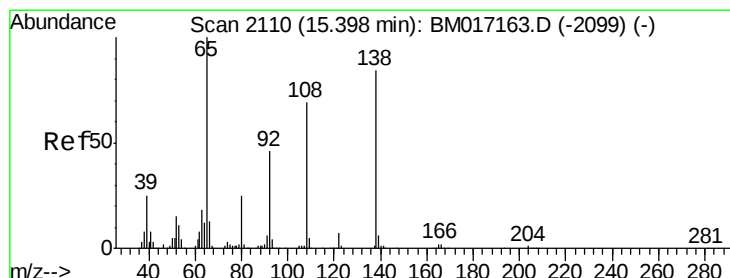
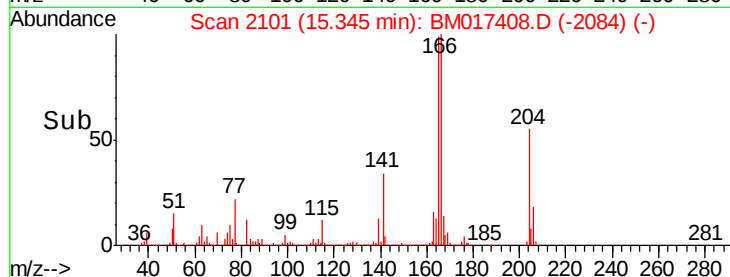
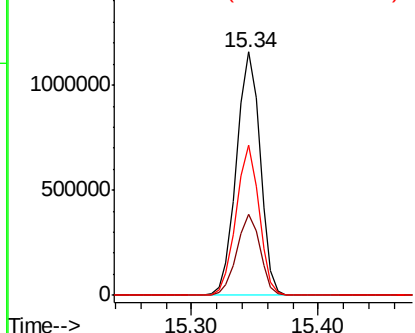
Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 1489226

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.1	39.1
141	61.4	45.4	68.2



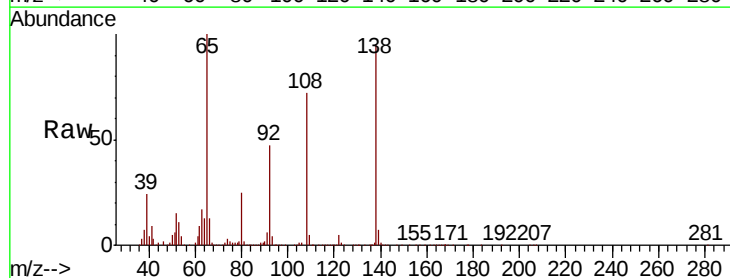
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E



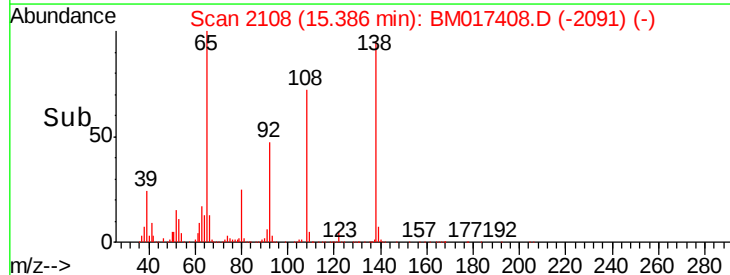
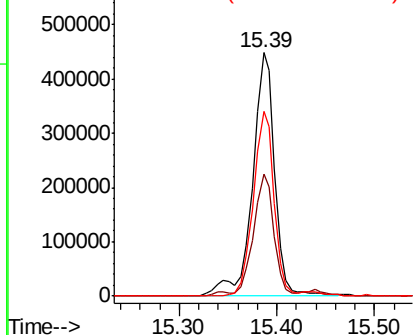
#62
 4-Nitroaniline
 Concen: 44.884 ng
 RT: 15.39 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BM017408.D
 Acq: 29 Oct 2018 15:04

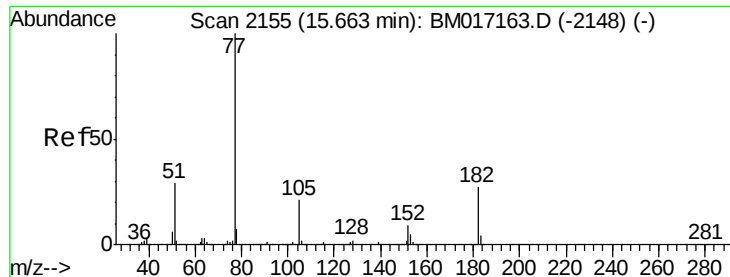
Tgt Ion:138 Resp: 721310

Ion	Ratio	Lower	Upper
138	100		
92	50.1	31.2	71.2
108	75.9	55.5	95.5



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 48.617 ng

RT: 15.64 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2852809

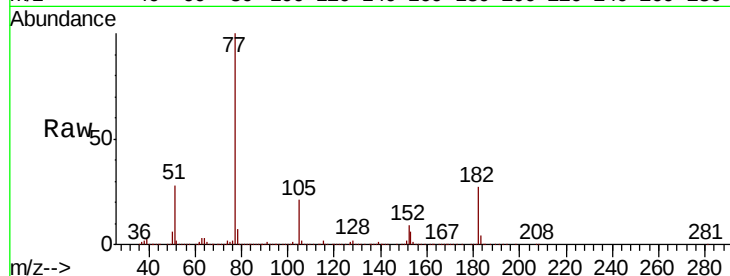
Ion	Ratio	Lower	Upper
77	100		
182	27.3	8.3	48.3
105	21.4	1.5	41.5
51	28.5	8.8	48.8

77 100

182 27.3 8.3 48.3

105 21.4 1.5 41.5

51 28.5 8.8 48.8

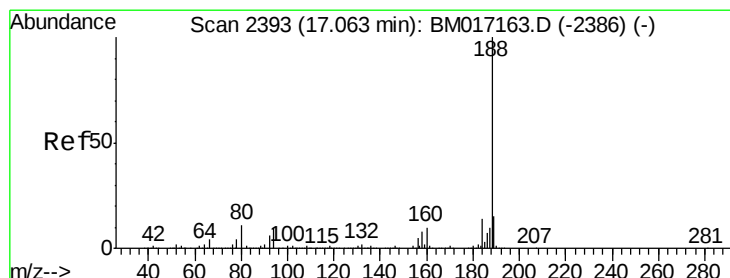
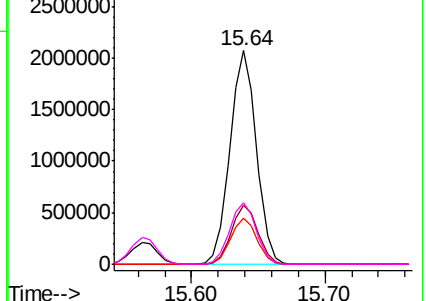
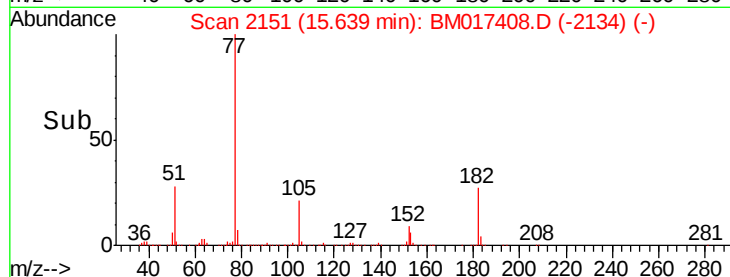


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

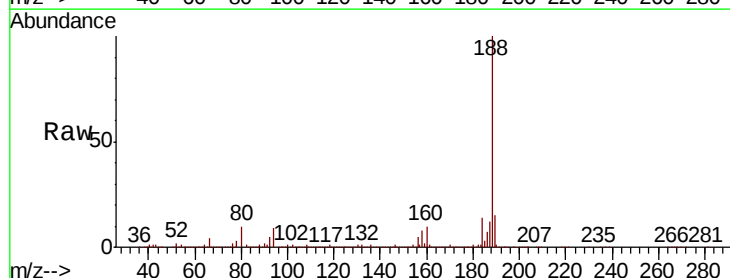
Tgt Ion: 188 Resp: 1895468

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.4
80	10.4	7.7	11.5

188 100

94 9.1 7.0 10.4

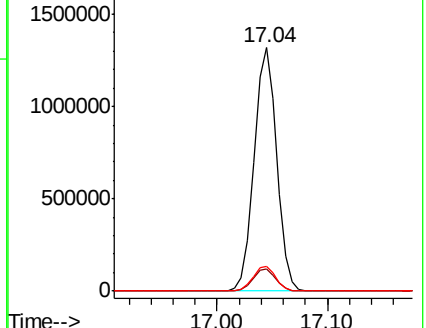
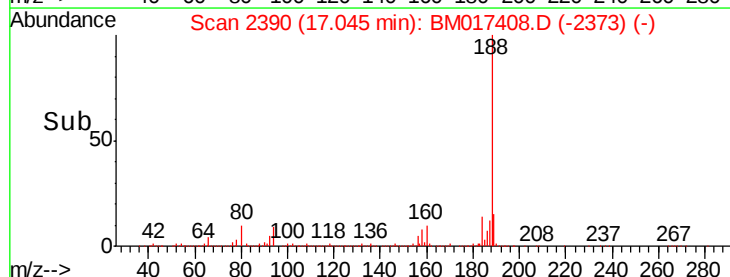
80 10.4 7.7 11.5

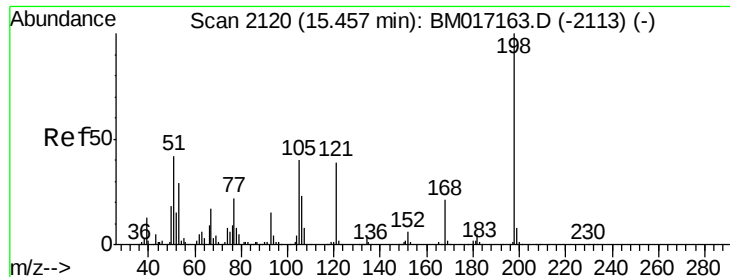


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

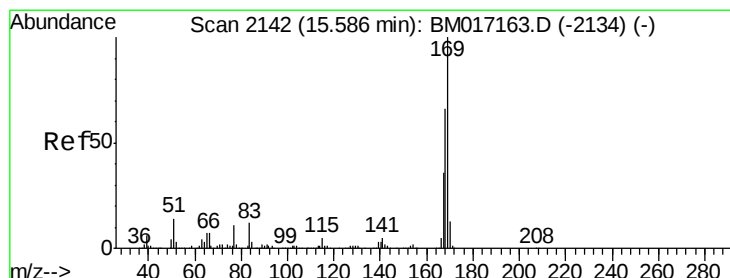
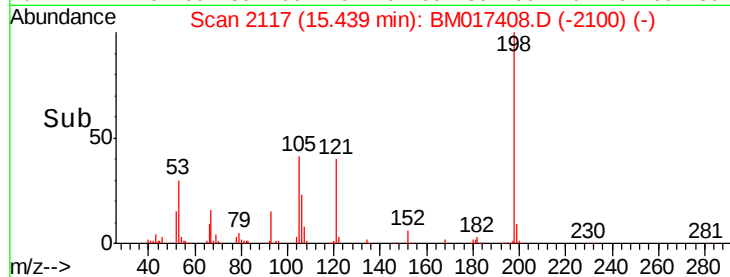
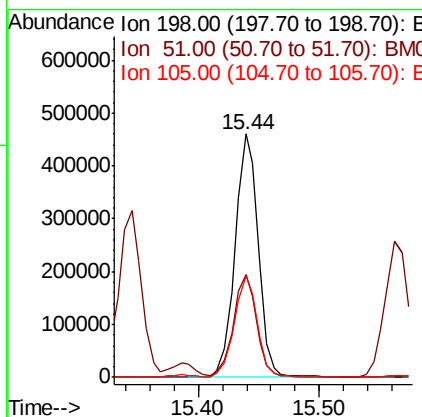
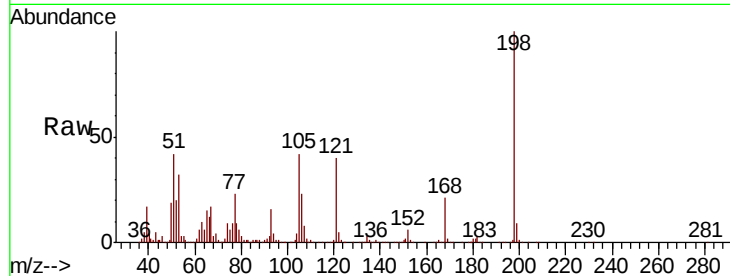




#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.161 ng
 RT: 15.44 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BM017408.D
 Acq: 29 Oct 2018 15:04

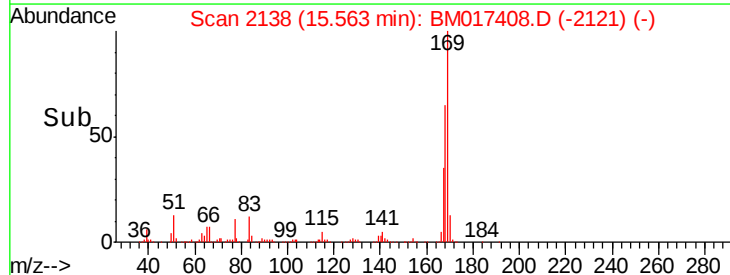
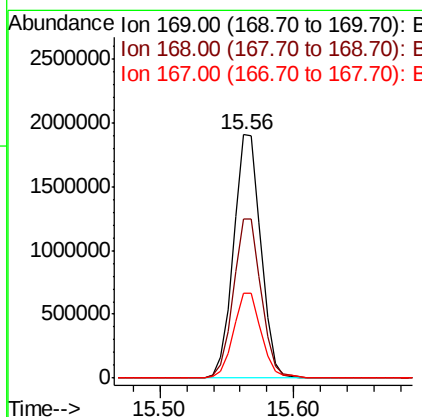
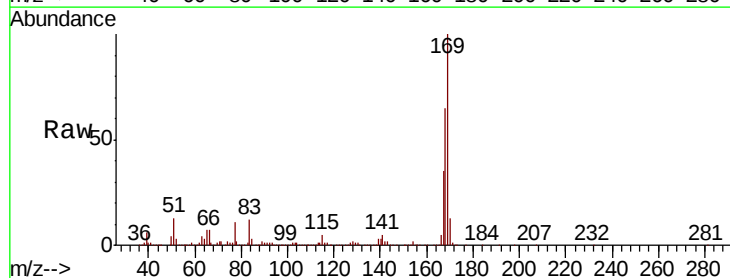
Instrument :
 BNA_M
 ClientSampled :

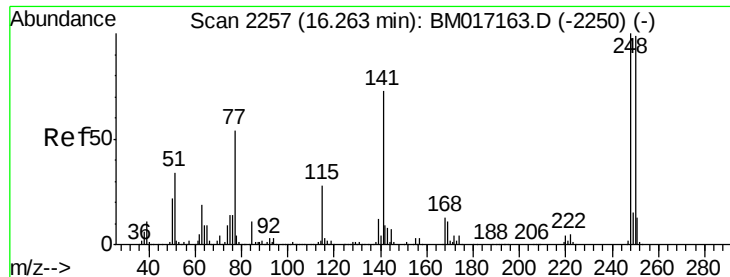
Tot Ion	198	Resp	615049
Ion Ratio	100	Lower	Upper
51	42.0	20.3	60.3
105	41.7	21.9	61.9



#66
 n-Nitrosodiphenylamine
 Concen: 47.252 ng
 RT: 15.56 min Scan# 2138
 Delta R.T. -0.00 min
 Lab File: BM017408.D
 Acq: 29 Oct 2018 15:04

Tgt Ion	169	Resp	2709757
Ion Ratio	100	Lower	Upper
168	65.3	52.2	78.4
167	34.9	28.4	42.6



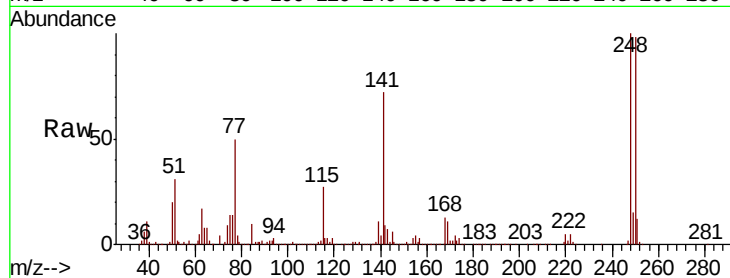


#67
 4-Bromophenyl-phenylether
 Concen: 47.907 ng
 RT: 16.24 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: BM017408.D
 Acq: 29 Oct 2018 15:04

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:248 Resp: 997047

Ion	Ratio	Lower	Upper
248	100		
250	98.4	75.1	112.7
141	71.8	55.6	83.4

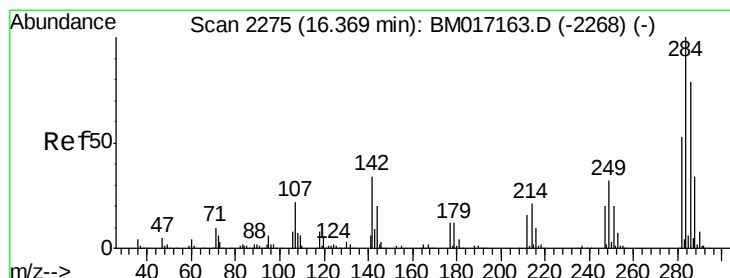
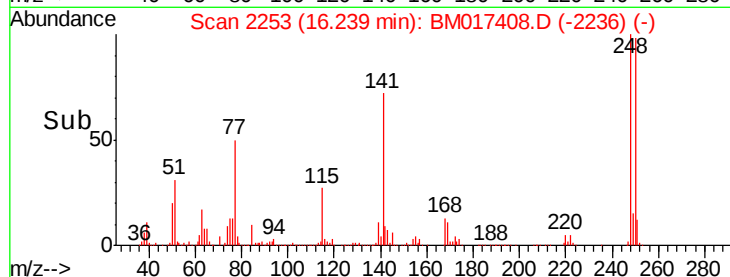
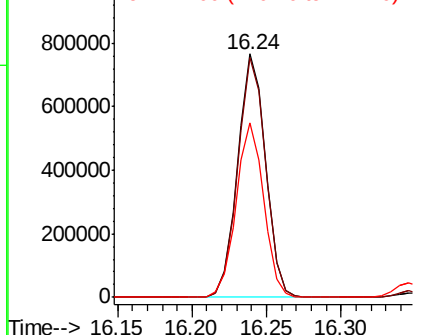


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

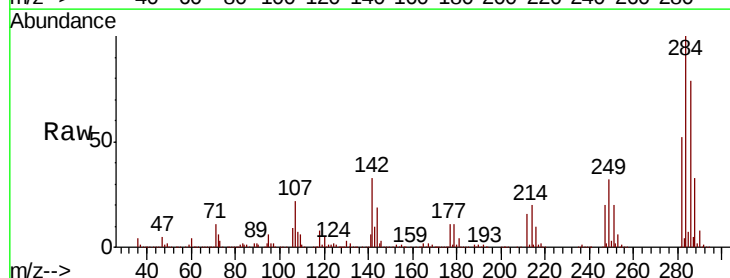
Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 44.533 ng
 RT: 16.34 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BM017408.D
 Acq: 29 Oct 2018 15:04

Tgt Ion:284 Resp: 1076608

Ion	Ratio	Lower	Upper
284	100		
142	32.6	25.0	37.6
249	31.7	25.5	38.3

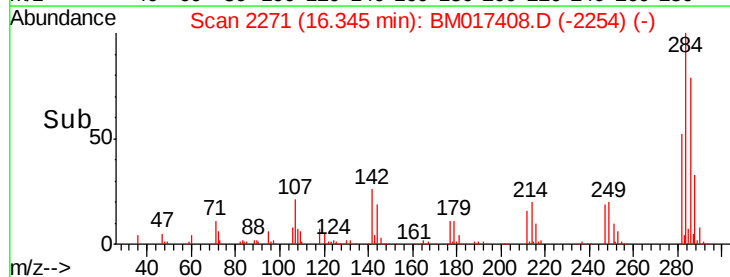
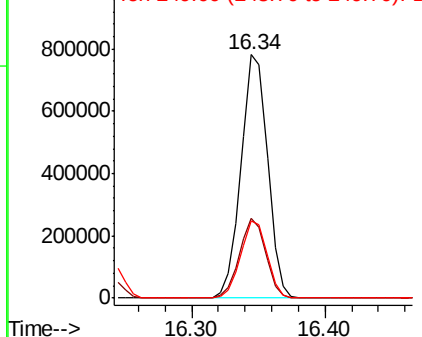


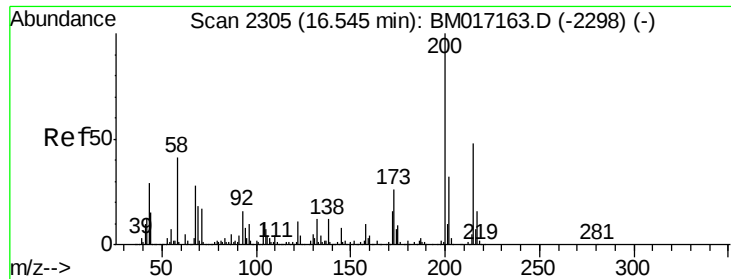
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

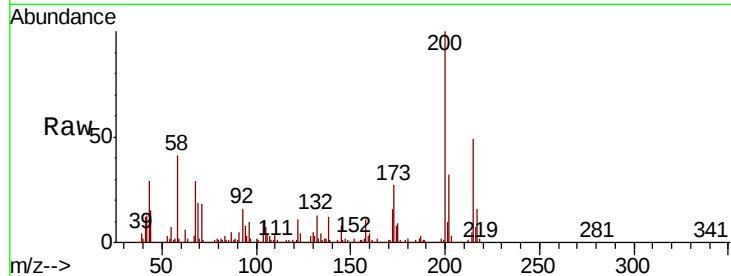




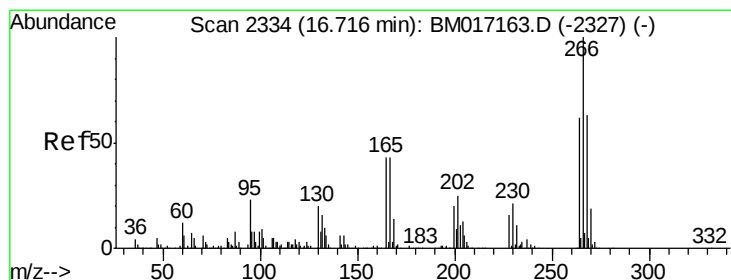
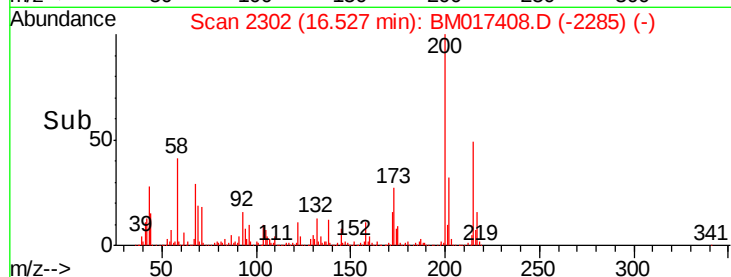
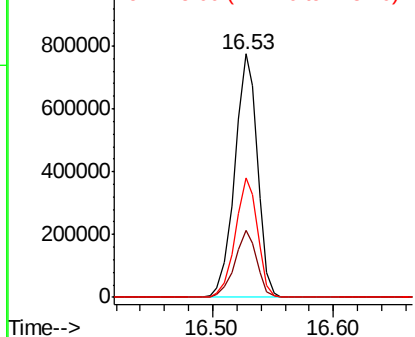
#69
Atrazine
Concen: 49.164 ng
RT: 16.53 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

Instrument :
BNA_M
ClientSampled :

Tot Ion:200 Resp: 1009082
Ion Ratio Lower Upper
200 100
173 27.3 7.0 47.0
215 49.2 27.3 67.3

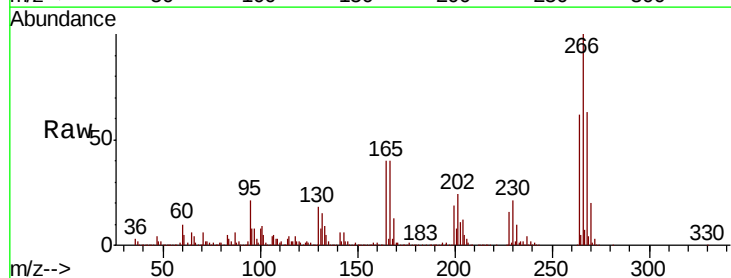


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

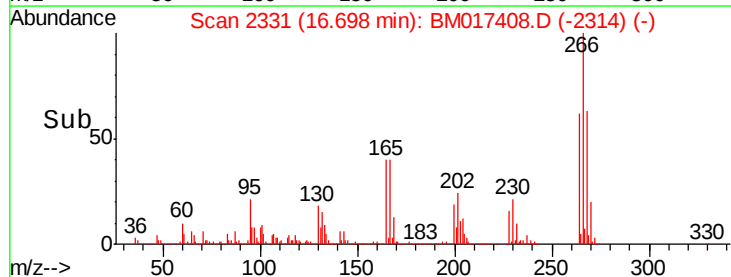
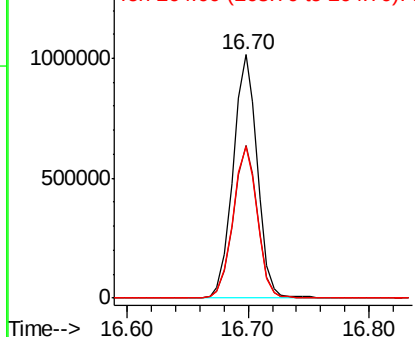


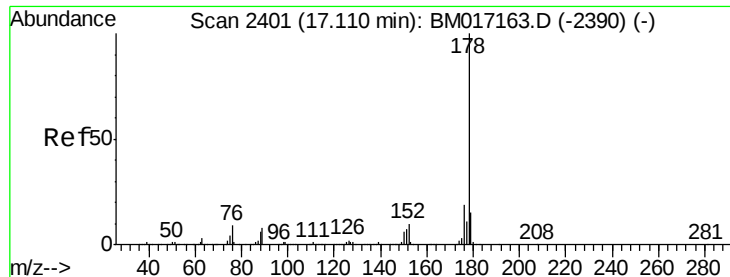
#70
Pentachlorophenol
Concen: 85.722 ng
RT: 16.70 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

Tgt Ion:266 Resp: 1419652
Ion Ratio Lower Upper
266 100
268 63.0 50.7 76.1
264 62.3 50.4 75.6



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

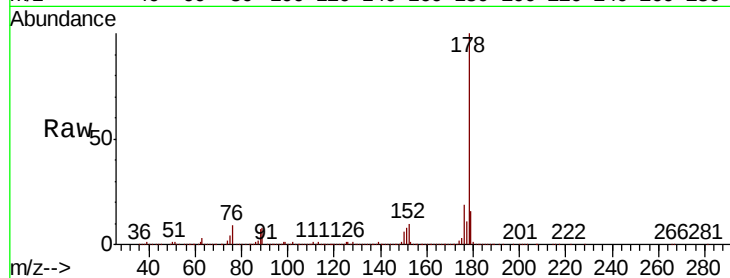




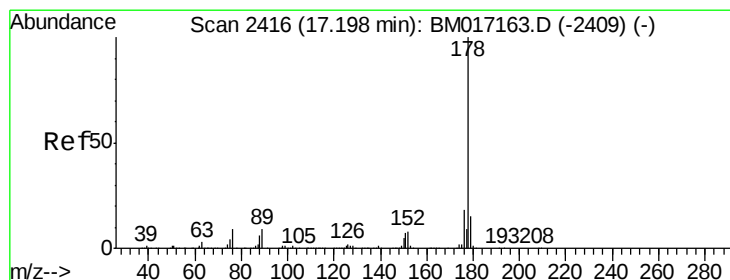
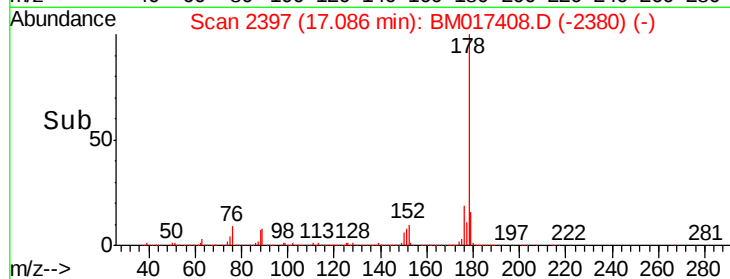
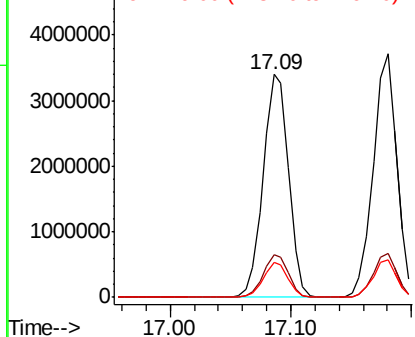
#71
Phenanthrene
Concen: 48.068 ng
RT: 17.09 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

Instrument :
BNA_M
ClientSampled :

Tot Ion:178 Resp: 4915761
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.5 12.3 18.5

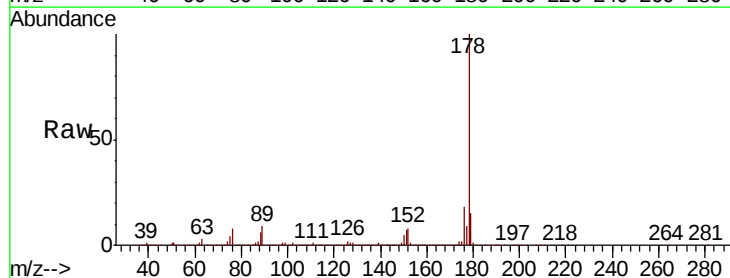


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

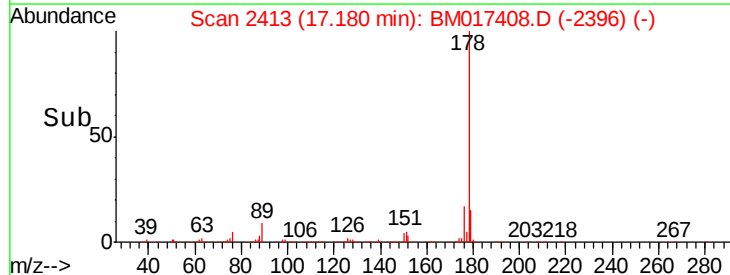
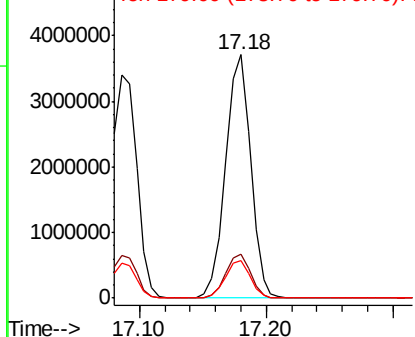


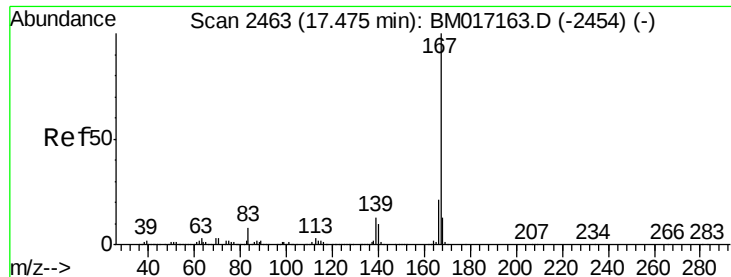
#72
Anthracene
Concen: 52.069 ng
RT: 17.18 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BM017408.D
Acq: 29 Oct 2018 15:04

Tgt Ion:178 Resp: 5059683
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.4 12.2 18.2



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

Carbazole

Concen: 47.987 ng

RT: 17.46 min Scan# 2460

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

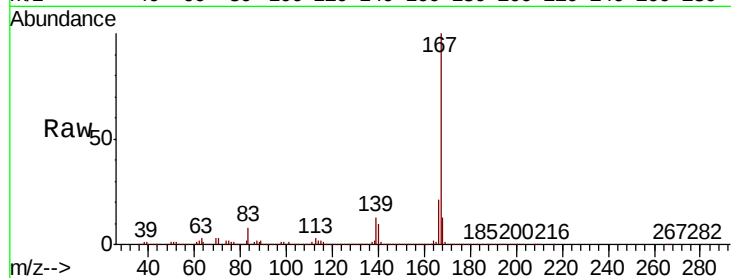
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 4763266

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	12.7	10.1	15.1

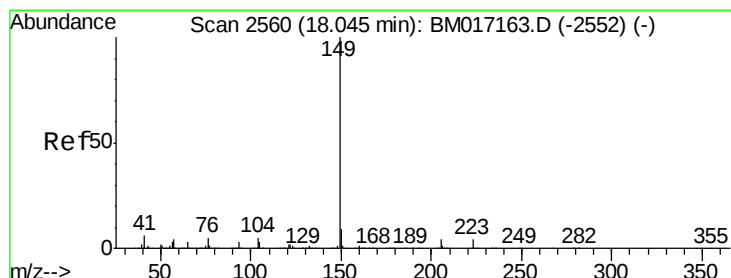
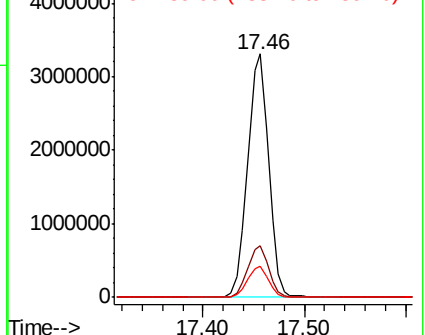
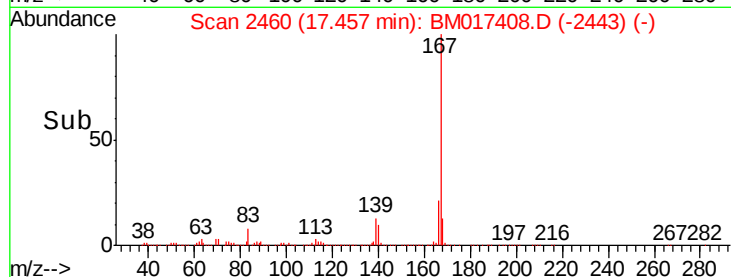


Abundance

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



#74

Di-n-butylphthalate

Concen: 52.987 ng

RT: 18.02 min Scan# 2556

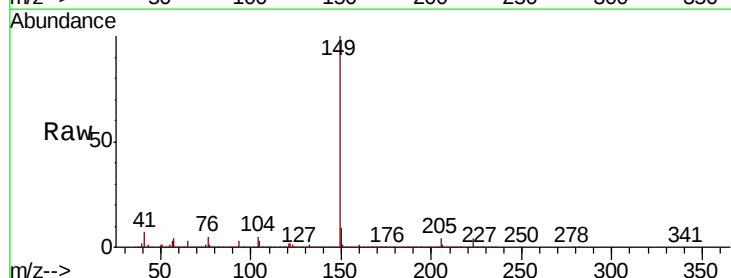
Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Tgt Ion:149 Resp: 5547293

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.9	4.3	6.5

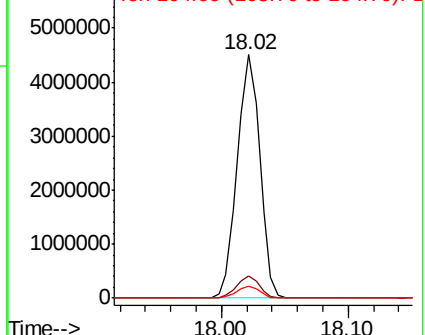
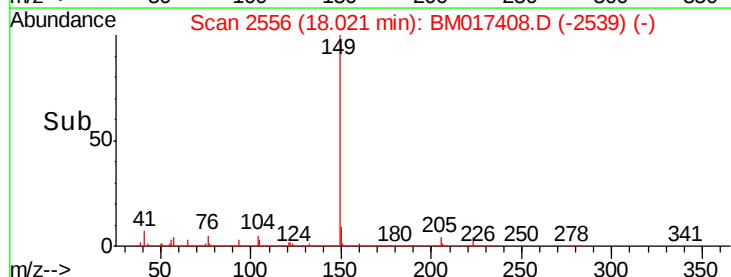


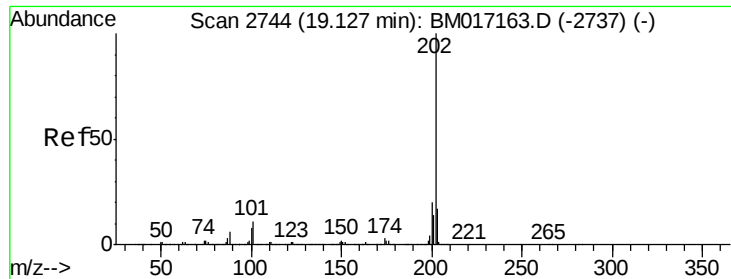
Abundance

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





#75

Fluoranthene

Concen: 52.539 ng

RT: 19.11 min Scan# 2741

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Instrument :

BNA_M

ClientSampleId :

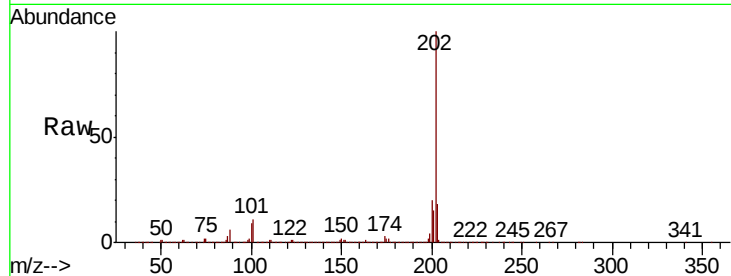
Tot Ion:202 Resp: 6046023

Ion Ratio Lower Upper

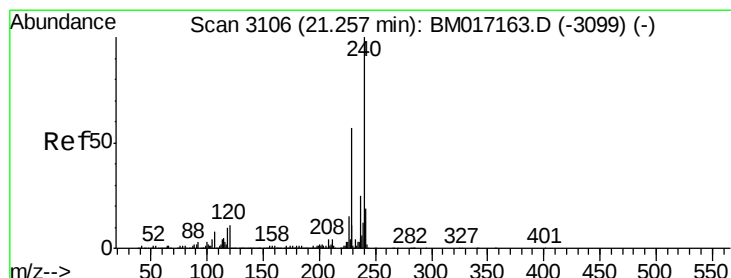
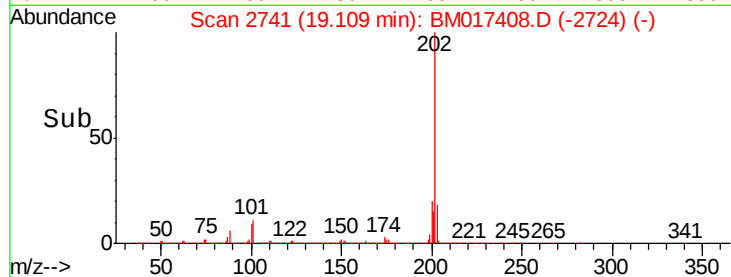
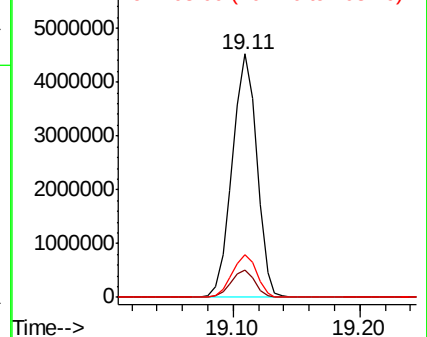
202 100

101 11.2 0.0 30.0

203 17.7 0.0 37.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

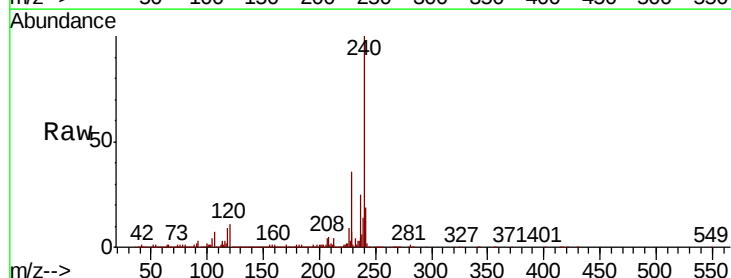
Tgt Ion:240 Resp: 2246506

Ion Ratio Lower Upper

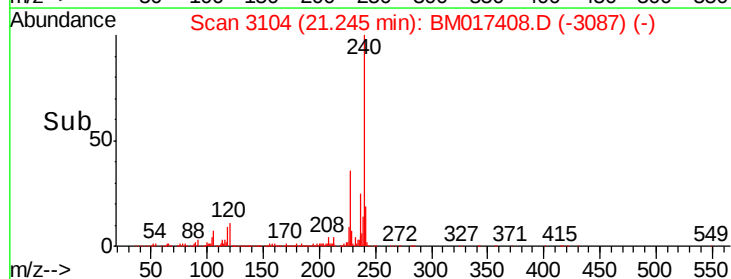
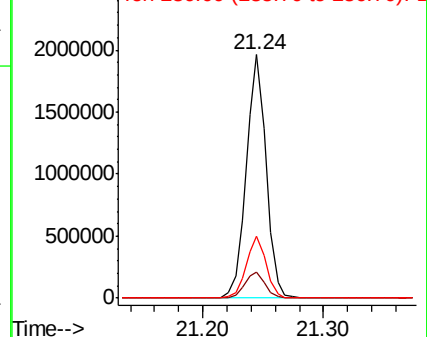
240 100

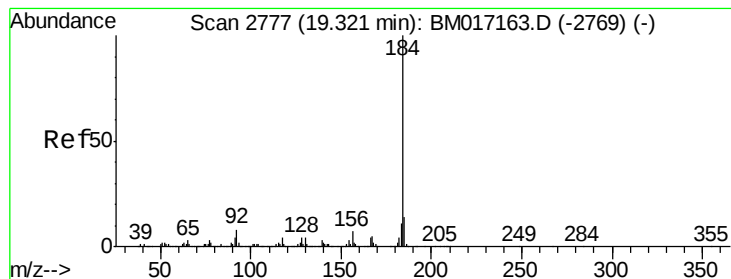
120 10.6 8.1 12.1

236 25.4 19.9 29.9



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





#77

Benzidine

Concen: 6.816 ng

RT: 19.31 min Scan# 2775

Delta R.T. 0.01 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

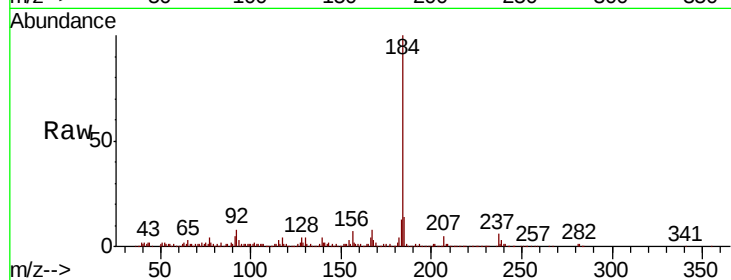
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 388239

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.8
183	13.3	9.7	14.5

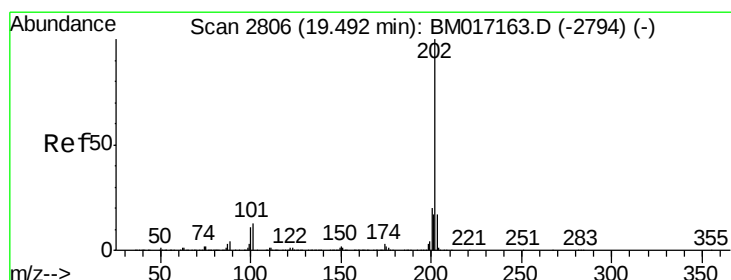
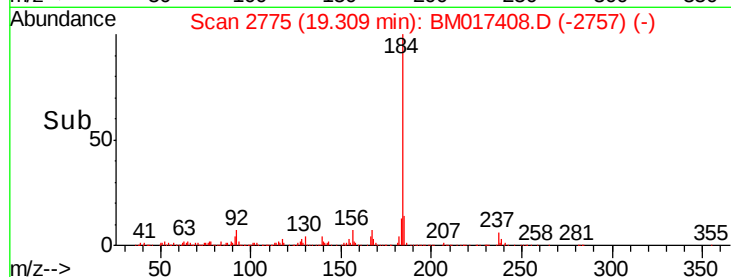
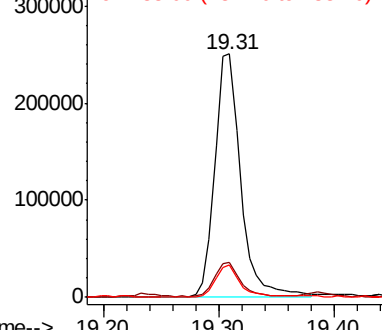


Abundance

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



#78

Pyrene

Concen: 48.821 ng

RT: 19.47 min Scan# 2803

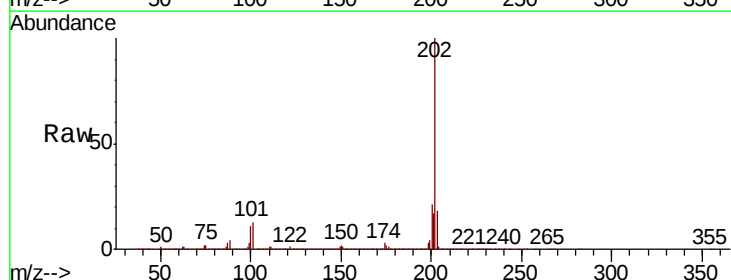
Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Tgt Ion:202 Resp: 6129872

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	17.6	13.9	20.9

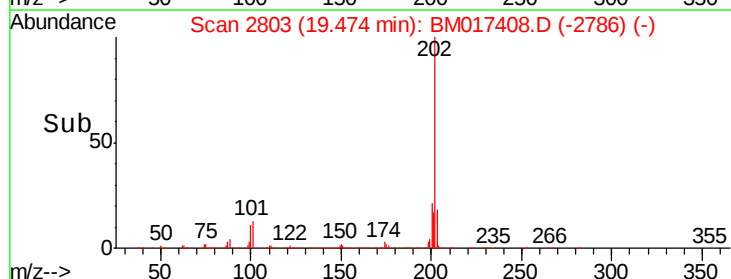
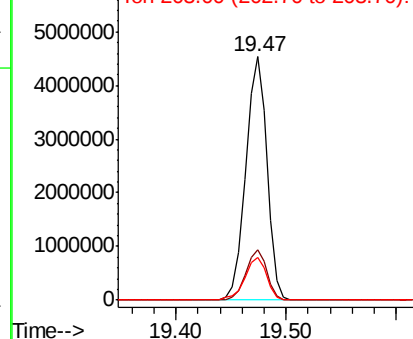


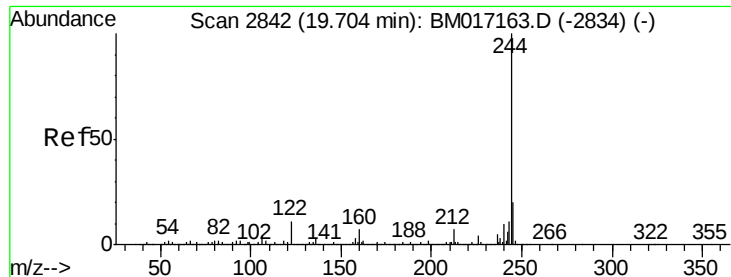
Abundance

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





#79

Terphenyl-d14

Concen: 73.599 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Instrument :

BNA_M

ClientSampleId :

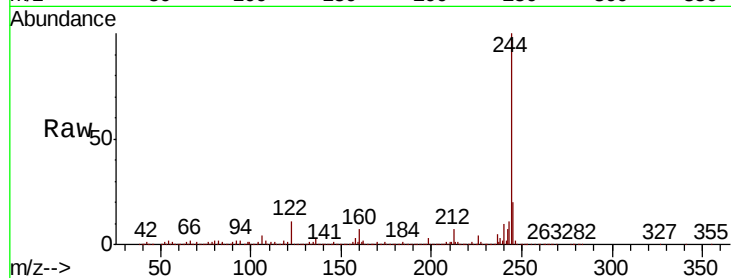
Tot Ion:244 Resp: 7335426

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

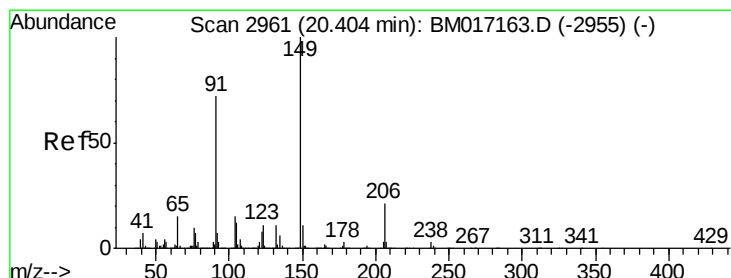
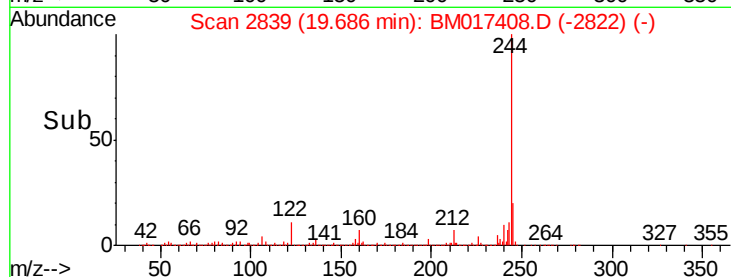
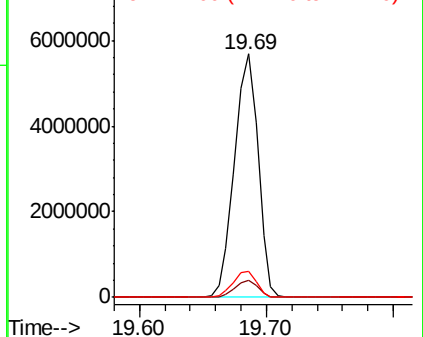
122 10.7 8.4 12.6



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



#80

Butylbenzylphthalate

Concen: 56.276 ng

RT: 20.39 min Scan# 2958

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

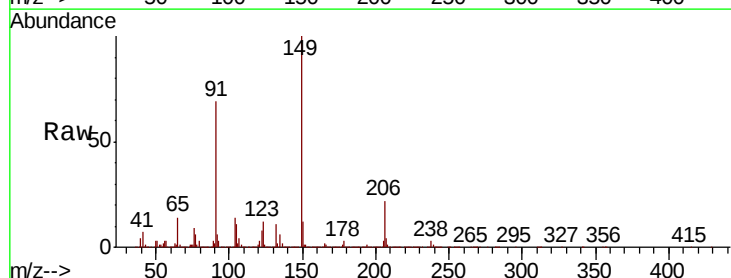
Tgt Ion:149 Resp: 2758328

Ion Ratio Lower Upper

149 100

91 69.4 51.3 76.9

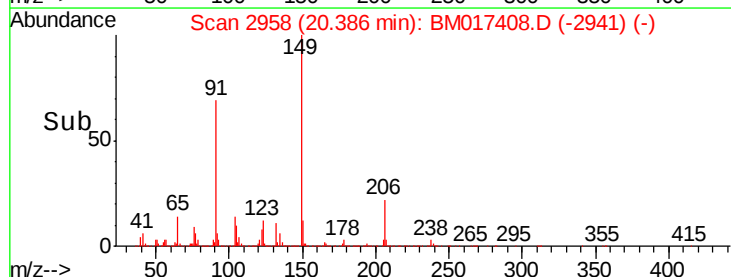
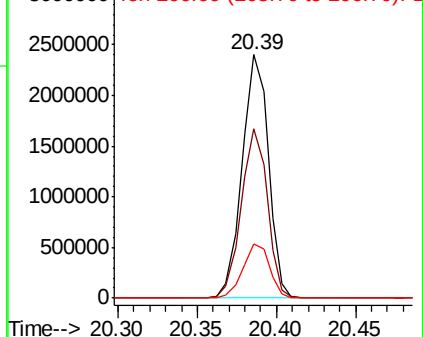
206 22.3 18.0 27.0

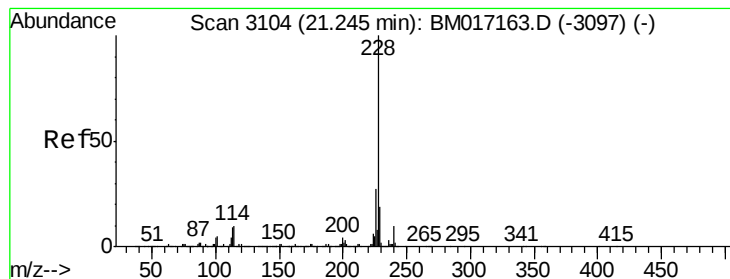


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.461 ng

RT: 21.23 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

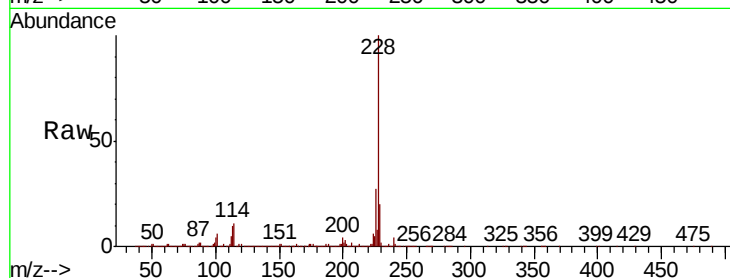
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 6379344

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.4	32.0
229	19.6	15.9	23.9

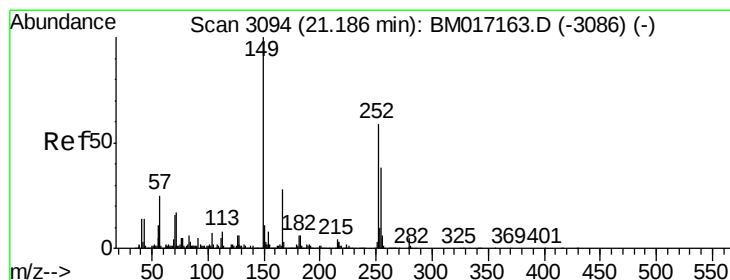
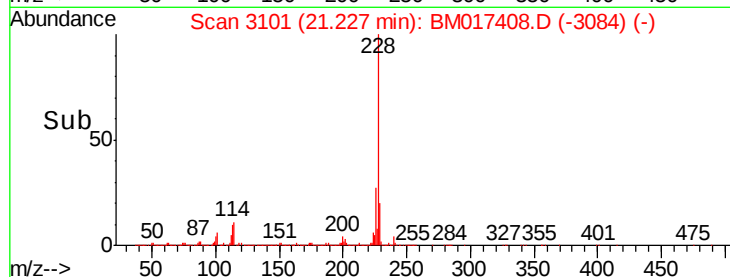
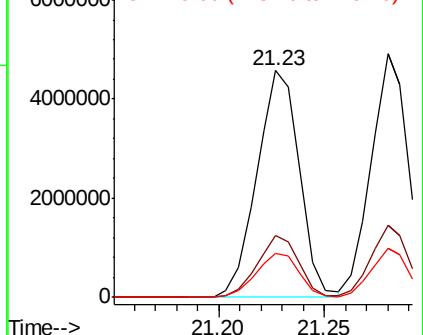


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 22.712 ng

RT: 21.17 min Scan# 3091

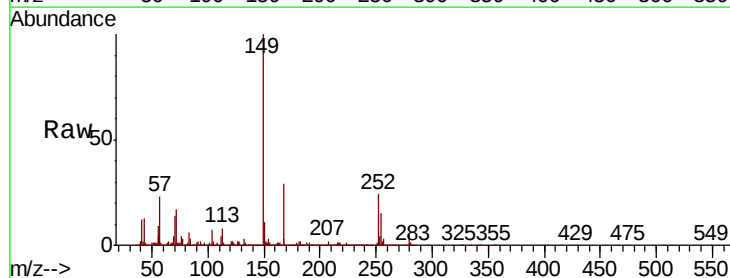
Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Tgt Ion:252 Resp: 1070120

Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.1	78.1
126	10.0	8.6	12.8

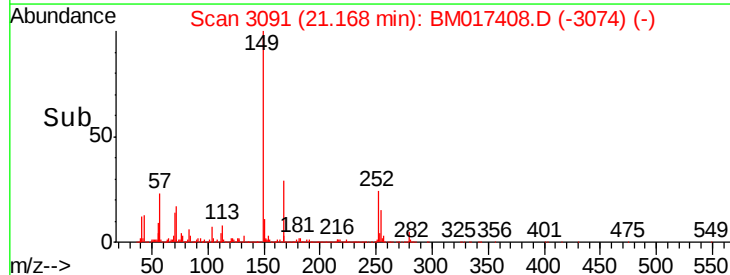
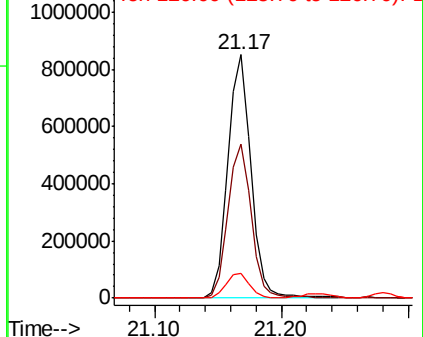


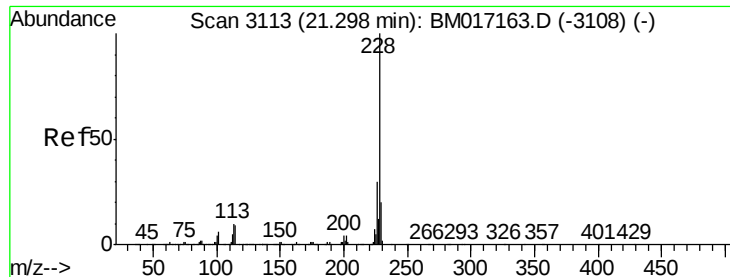
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.989 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

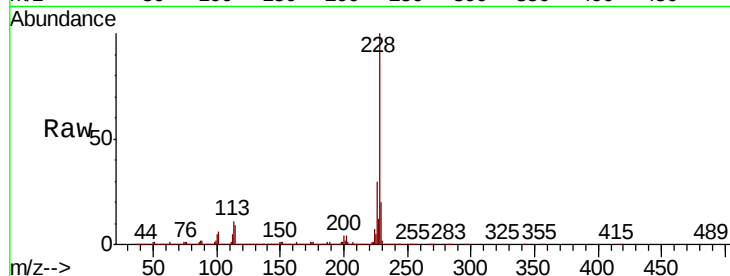
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 6004838

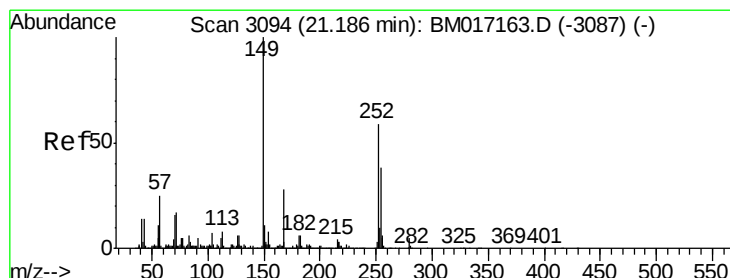
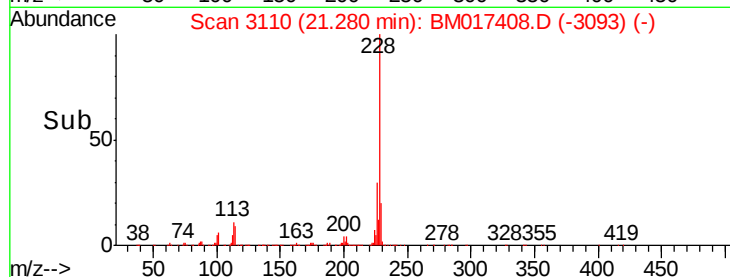
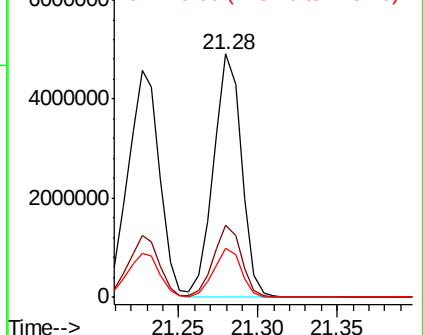
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.3	34.9
229	20.1	15.6	23.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.187 ng

RT: 21.17 min Scan# 3091

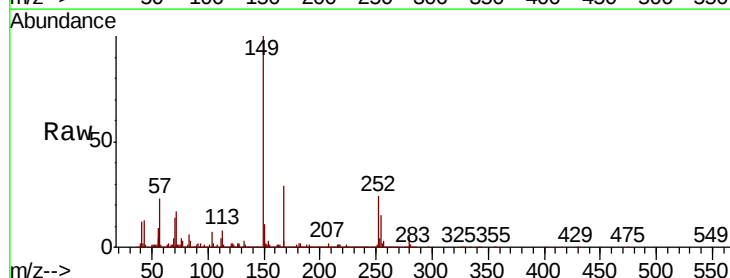
Delta R.T. 0.01 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Tgt Ion:149 Resp: 3935210

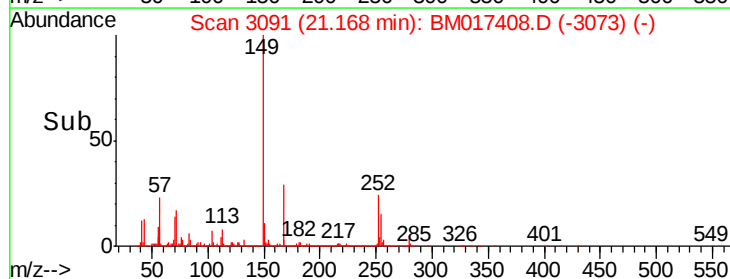
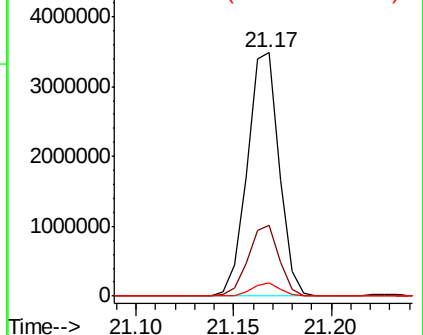
Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.2	33.4
279	5.4	3.6	5.4

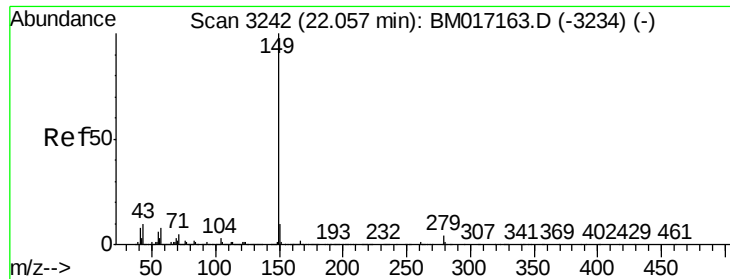


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.030 ng

RT: 22.04 min Scan# 3239

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Instrument :

BNA_M

ClientSampleId :

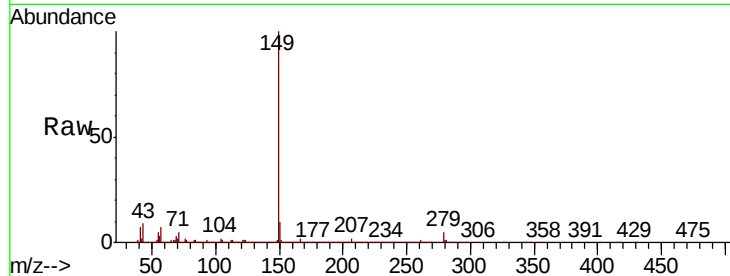
Tot Ion:149 Resp: 6929381

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

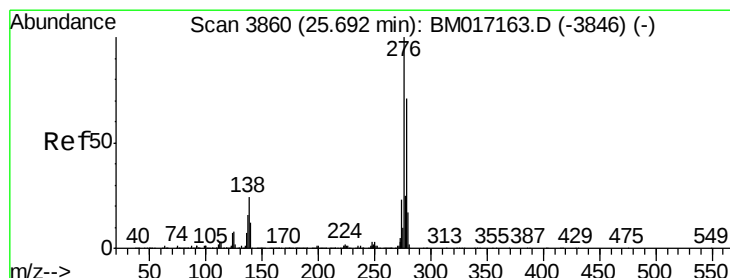
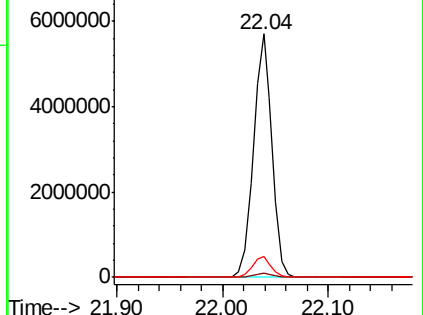
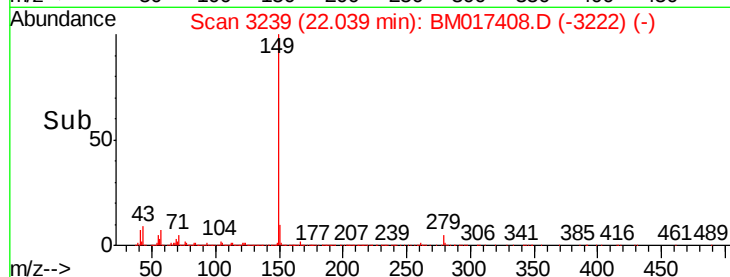
43 8.7 7.2 10.8



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): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.775 ng

RT: 25.67 min Scan# 3856

Delta R.T. 0.01 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

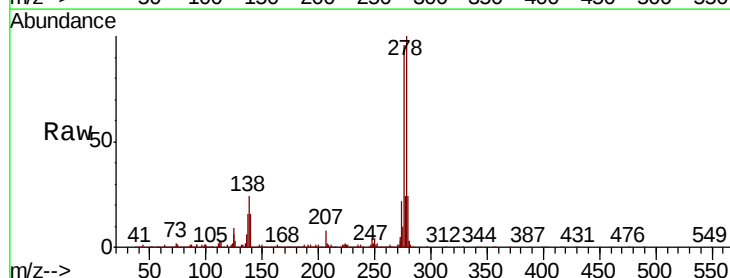
Tgt Ion:276 Resp: 5426796

Ion Ratio Lower Upper

276 100

138 23.8 19.5 29.3

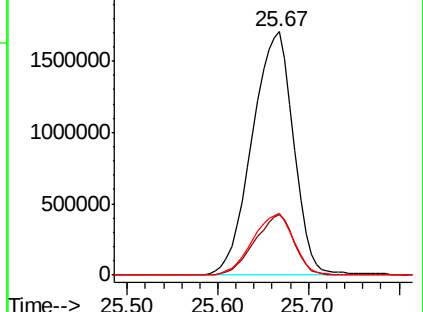
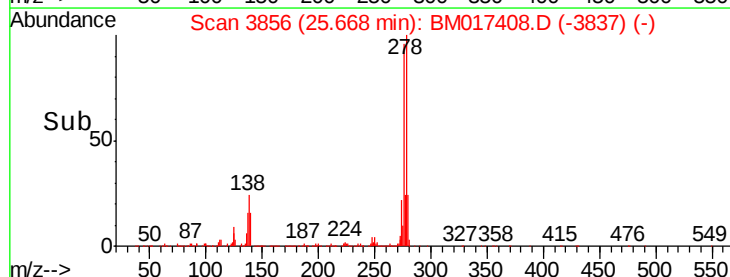
277 25.2 20.1 30.1

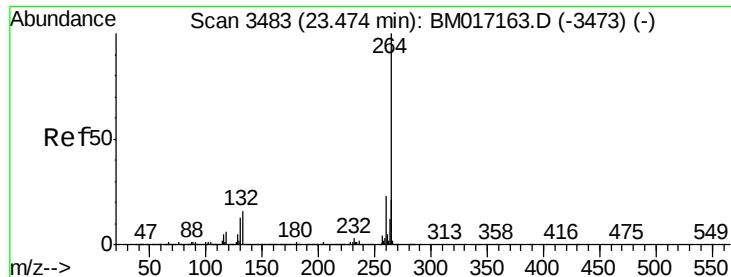


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.45 min Scan# 3479

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

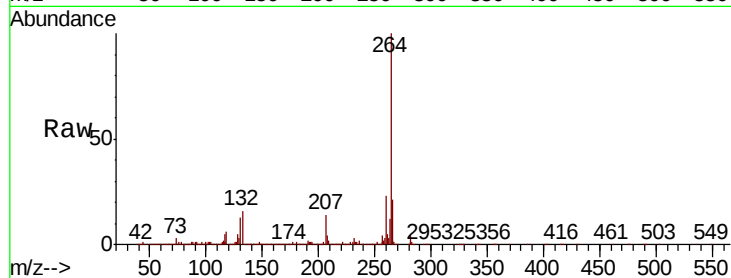
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 2037845

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.4	17.8	26.8

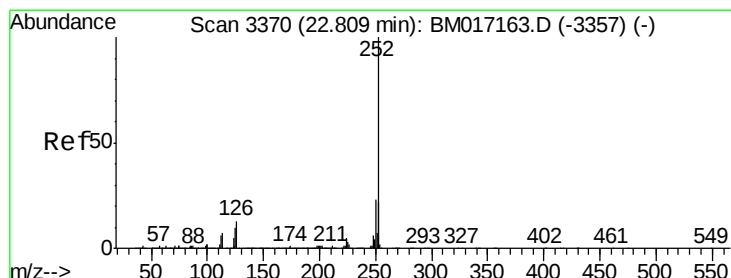
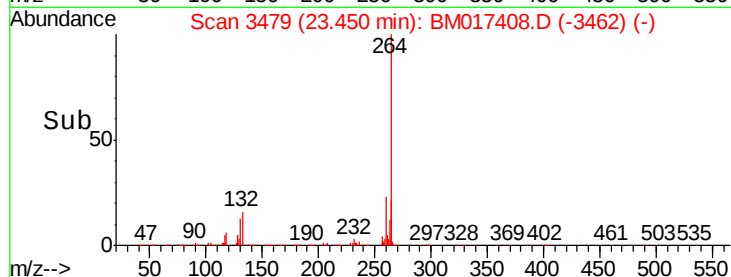
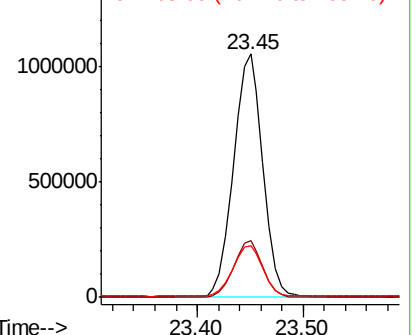


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 55.312 ng

RT: 22.79 min Scan# 3367

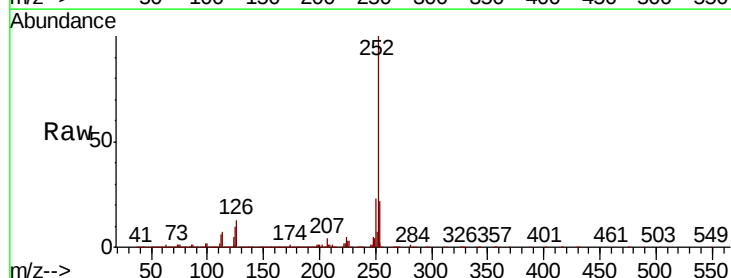
Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Tgt Ion:252 Resp: 6162652

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.1	7.5	11.3

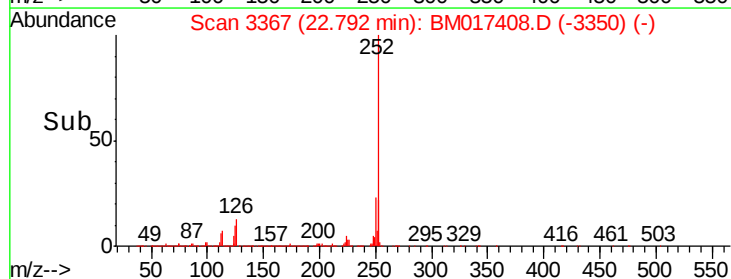
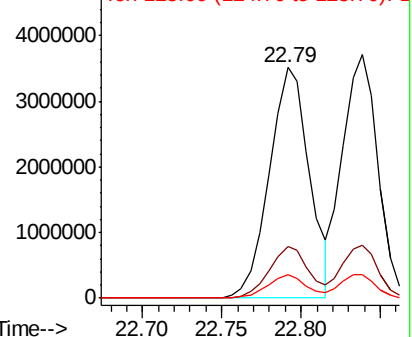


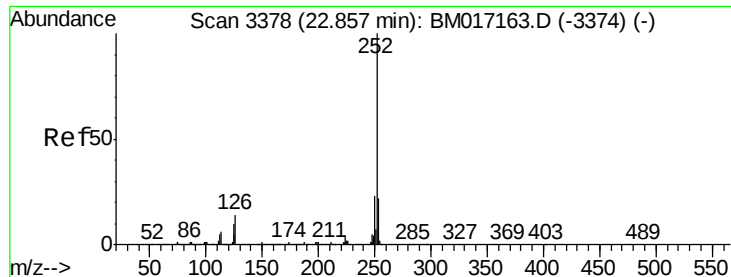
Abundance

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(k)fluoranthene

Concen: 51.637 ng

RT: 22.84 min Scan# 3375

Delta R.T. 0.01 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Instrument :

BNA_M

ClientSampleId :

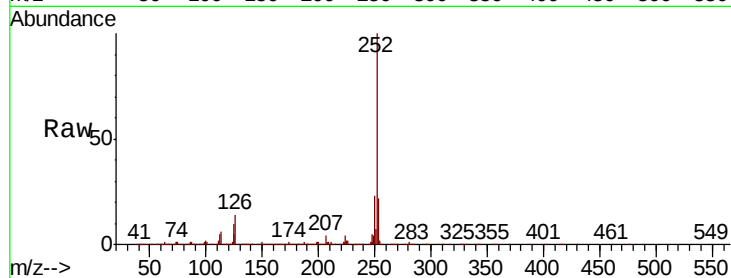
Tot Ion:252 Resp: 5772907

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

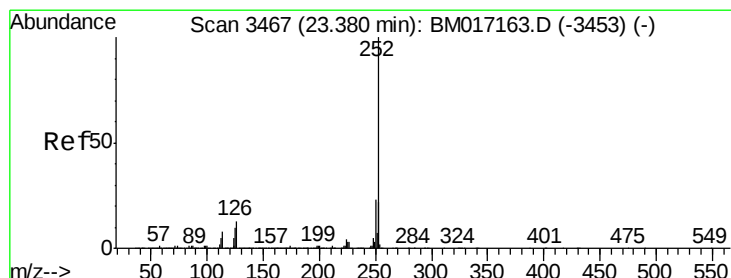
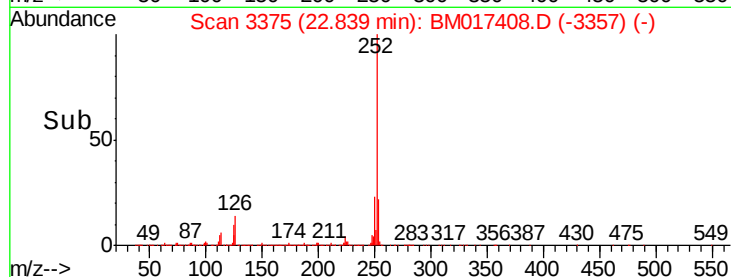
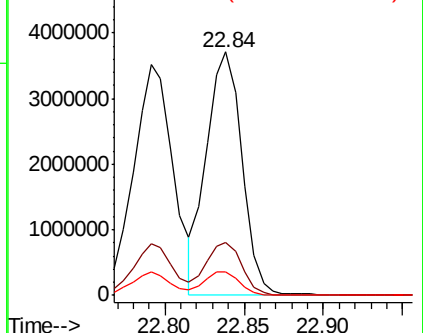
125 9.6 8.2 12.2



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

Benzo(a)pyrene

Concen: 52.097 ng

RT: 23.36 min Scan# 3463

Delta R.T. -0.00 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

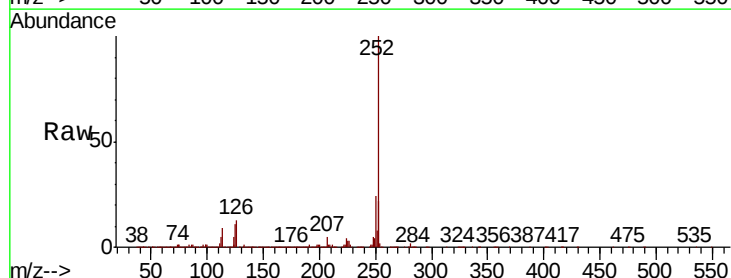
Tgt Ion:252 Resp: 5511171

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

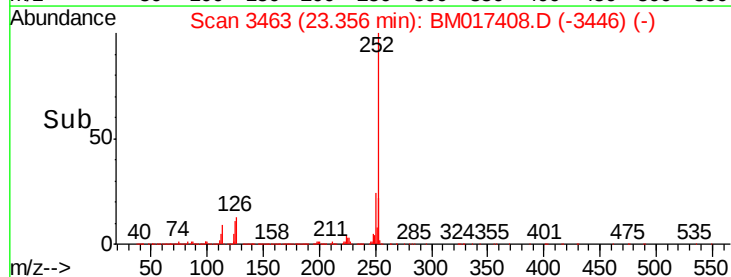
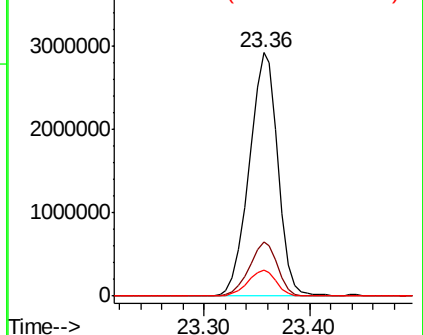
125 10.8 8.6 13.0

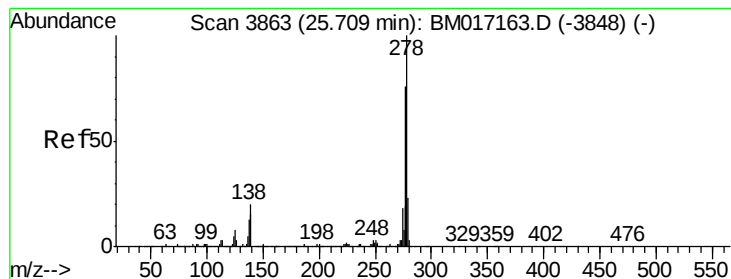


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.413 ng

RT: 25.67 min Scan# 3857

Delta R.T. 0.01 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

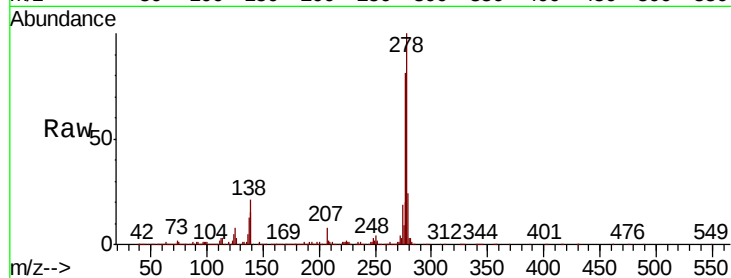
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 4665241

Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.7	19.1
279	23.6	18.7	28.1

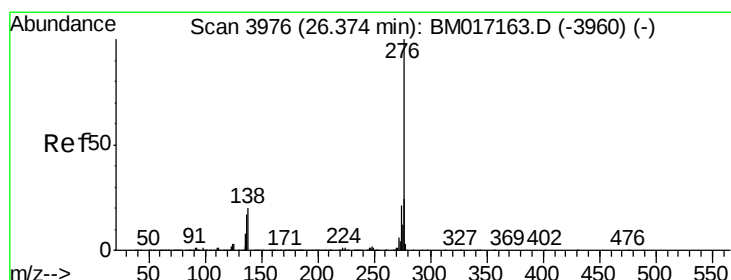
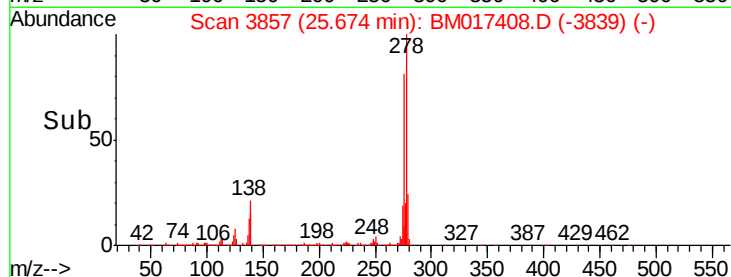
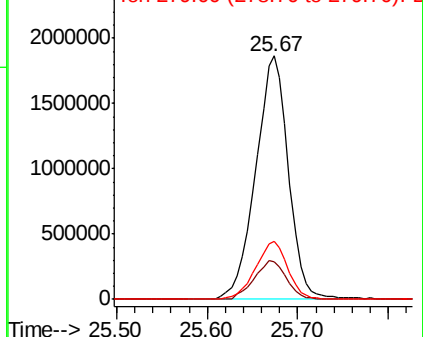


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 41.788 ng

RT: 26.33 min Scan# 3969

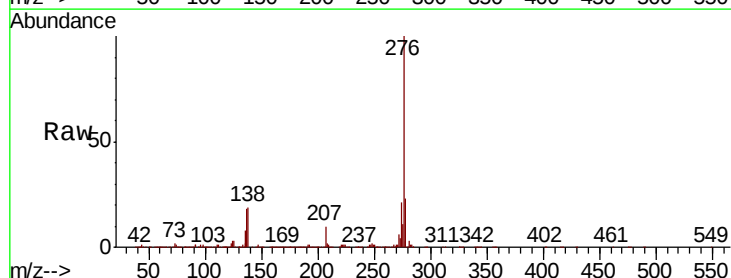
Delta R.T. 0.01 min

Lab File: BM017408.D

Acq: 29 Oct 2018 15:04

Tgt Ion:276 Resp: 4350516

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	19.3	16.4	24.6



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

