

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\
 Data File : BM017403.D
 Acq On : 29 Oct 2018 11:59
 Operator : MJ/SJ
 Sample : PB114216BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 29 15:06:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	277924	20.00	ng	-0.03
21) Naphthalene-d8	10.42	136	1247361	20.00	ng	-0.03
39) Acenaphthene-d10	14.29	164	758893	20.00	ng	-0.02
64) Phenanthrene-d10	17.04	188	1732083	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1937228	20.00	ng	-0.02
87) Perylene-d12	23.45	264	1824482	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	2069805	125.96	ng	-0.02
7) Phenol-d6	6.84	99	2874594	128.45	ng	-0.02
23) Nitrobenzene-d5	8.80	82	1676553	78.61	ng	-0.03
42) 2,4,6-Tribromophenol	15.79	330	1262457	123.01	ng	-0.02
45) 2-Fluorobiphenyl	12.90	172	4265939	74.79	ng	-0.03
79) Terphenyl-d14	19.69	244	6466984	75.24	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	195530	23.302	ng	# 89
3) Pyridine	3.63	79	602105	31.186	ng	89
4) n-Nitrosodimethylamine	3.55	42	293378	37.852	ng	# 73
6) Aniline	6.99	93	639528	22.846	ng	97
8) 2-Chlorophenol	7.22	128	858566	45.163	ng	97
9) Benzaldehyde	6.80	77	365455	25.611	ng	98
10) Phenol	6.86	94	1074302	44.603	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	713771	37.174	ng	98
12) 1,3-Dichlorobenzene	7.53	146	806007	36.371	ng	99
13) 1,4-Dichlorobenzene	7.68	146	826337	36.497	ng	96
14) 1,2-Dichlorobenzene	7.99	146	806475	36.970	ng	99
15) Benzyl Alcohol	7.89	79	762359	46.603	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.18	45	975552	36.367	ng	99
17) 2-Methylphenol	8.09	107	730565	47.255	ng	99
18) Hexachloroethane	8.71	117	289654	37.383	ng	99
19) n-Nitroso-di-n-propylamine	8.46	70	605717	41.104	ng	97
20) 3+4-Methylphenols	8.42	107	1008716	47.705	ng	99
22) Acetophenone	8.47	105	1212221	38.338	ng	# 99
24) Nitrobenzene	8.85	77	891183	39.503	ng	97
25) Isophorone	9.37	82	1649139	46.826	ng	98
26) 2-Nitrophenol	9.55	139	462726	44.322	ng	97
27) 2,4-Dimethylphenol	9.62	122	828120	53.177	ng	98
28) bis(2-Chloroethoxy)methane	9.85	93	1057303	42.654	ng	99
29) 2,4-Dichlorophenol	10.08	162	857527	47.427	ng	98
30) 1,2,4-Trichlorobenzene	10.29	180	813509	37.506	ng	99
31) Naphthalene	10.47	128	2533754	41.450	ng	100
32) Benzoic acid	9.78	122	575067	49.492	ng	93
33) 4-Chloroaniline	10.59	127	282567	10.703	ng	98
34) Hexachlorobutadiene	10.75	225	482742	35.126	ng	98
35) Caprolactam	11.39	113	128065	19.435	ng	93
36) 4-Chloro-3-methylphenol	11.73	107	940429	46.142	ng	99
37) 2-Methylnaphthalene	12.09	142	1955421	46.747	ng	100
38) 1-Methylnaphthalene	12.31	142	1856422	45.598	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	987051	36.933	ng	99

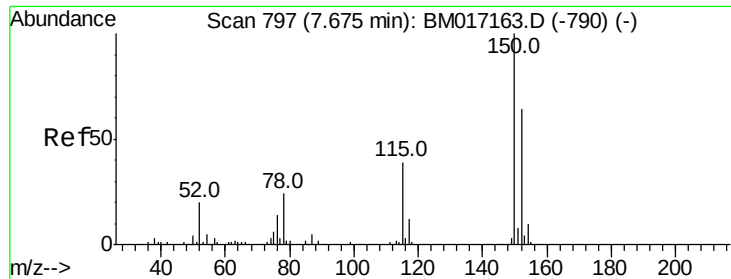
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	1230979	95.276	ng	99
43) 2,4,6-Trichlorophenol	12.72	196	704312	45.398	ng	100
44) 2,4,5-Trichlorophenol	12.79	196	764118	45.930	ng	99
46) 1,1'-Biphenyl	13.12	154	2514932	36.826	ng	100
47) 2-Chloronaphthalene	13.16	162	1949729	38.808	ng	99
48) 2-Nitroaniline	13.38	65	594939	42.636	ng	94
49) Acenaphthylene	14.01	152	3227891	44.325	ng	100
50) Dimethylphthalate	13.76	163	2491995	42.563	ng	100
51) 2,6-Dinitrotoluene	13.88	165	554144	43.002	ng	98
52) Acenaphthene	14.36	154	1878713	41.088	ng	99
53) 3-Nitroaniline	14.21	138	314043	22.501	ng	96
54) 2,4-Dinitrophenol	14.42	184	643164	84.554	ng	98
55) Dibenzofuran	14.69	168	3025424	39.789	ng	99
56) 4-Nitrophenol	14.54	139	1385723	107.235	ng	99
57) 2,4-Dinitrotoluene	14.67	165	794059	45.847	ng	# 98
58) Fluorene	15.34	166	2456094	43.639	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	713718	47.064	ng	99
60) Diethylphthalate	15.13	149	2489663	42.878	ng	100
61) 4-Chlorophenyl-phenylether	15.34	204	1240422	38.660	ng	99
62) 4-Nitroaniline	15.39	138	603874	39.685	ng	99
63) Azobenzene	15.64	77	2342485	41.506	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	462422	42.512	ng	97
66) n-Nitrosodiphenylamine	15.57	169	2206076	42.098	ng	99
67) 4-Bromophenyl-phenylether	16.24	248	801955	42.167	ng	96
68) Hexachlorobenzene	16.34	284	879930	39.831	ng	98
69) Atrazine	16.53	200	805511	42.948	ng	98
70) Pentachlorophenol	16.70	266	1104821	73.005	ng	99
71) Phenanthrene	17.09	178	3942661	42.189	ng	100
72) Anthracene	17.18	178	4088935	46.049	ng	100
73) Carbazole	17.46	167	3723876	41.055	ng	100
74) Di-n-butylphthalate	18.02	149	4278842	44.726	ng	99
75) Fluoranthene	19.11	202	4684260	44.545	ng	98
77) Benzidine	19.30	184	1440067	29.317	ng	98
78) Pyrene	19.47	202	4732055	43.705	ng	100
80) Butylbenzylphthalate	20.39	149	2006149	48.588	ng	94
81) Benzo(a)anthracene	21.23	228	4797977	44.012	ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	1029122	25.329	ng	100
83) Chrysene	21.28	228	4551409	42.180	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	2932962	46.690	ng	99
85) Di-n-octyl phthalate	22.04	149	5178841	48.437	ng	99
86) Indeno(1,2,3-cd)pyrene	25.66	276	4273492	35.409	ng	99
88) Benzo(b)fluoranthene	22.79	252	4786628	47.986	ng	100
89) Benzo(k)fluoranthene	22.84	252	4317175	43.132	ng	99
90) Benzo(a)pyrene	23.36	252	4254163	44.917	ng	100
91) Dibenzo(a,h)anthracene	25.67	278	3665746	38.979	ng	99
92) Benzo(g,h,i)perylene	26.33	276	3459223	37.112	ng	99

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

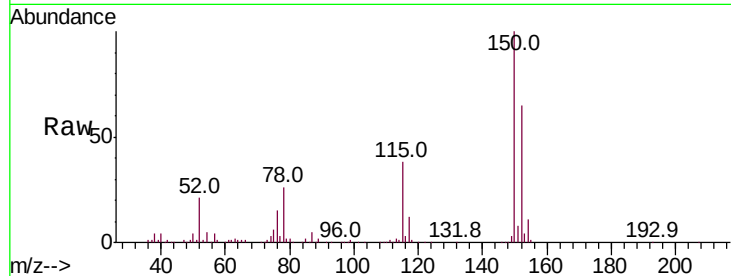


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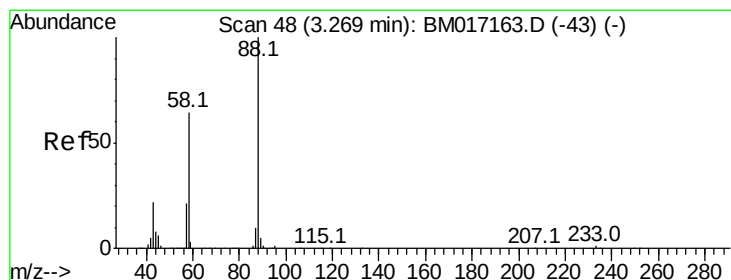
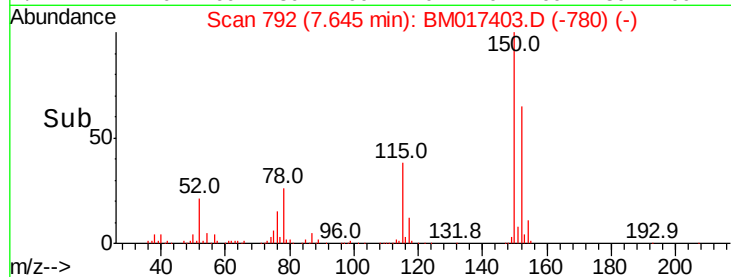
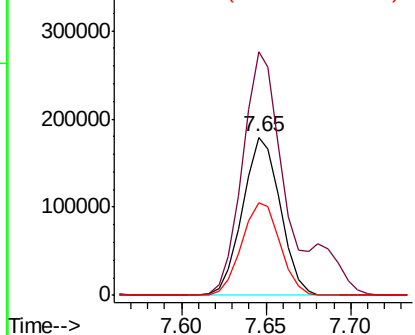
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.03 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 277924
Ion Ratio Lower Upper
152 100
150 153.9 124.3 186.5
115 58.6 48.1 72.1



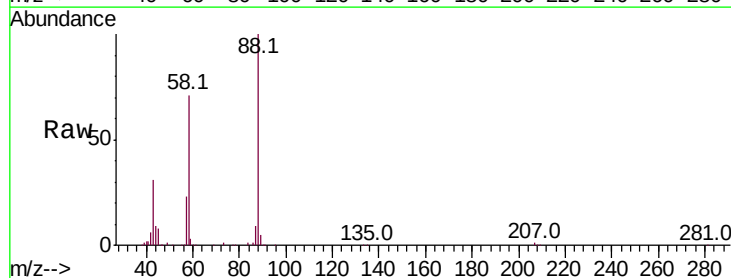
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



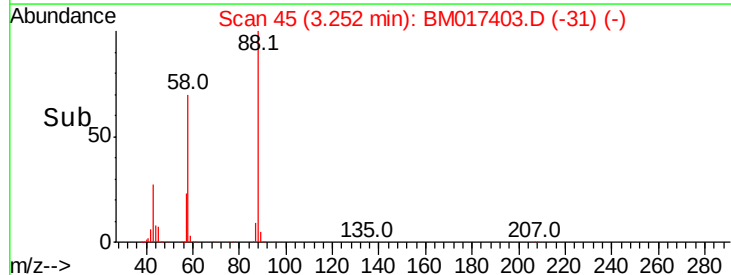
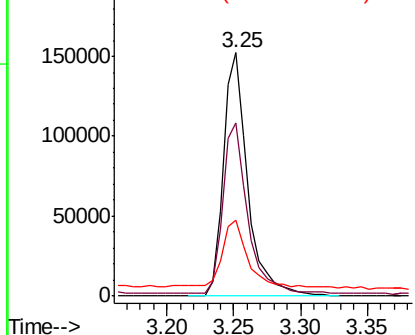
#2

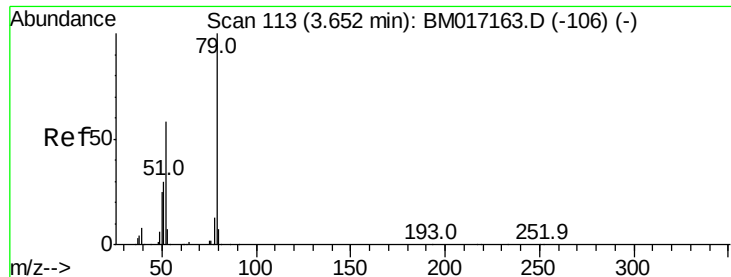
1,4-Dioxane
Concen: 23.302 ng
RT: 3.25 min Scan# 45
Delta R.T. -0.02 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion: 88 Resp: 195530
Ion Ratio Lower Upper
88 100
58 71.7 50.2 75.4
43 29.5 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: 31.186 ng

RT: 3.63 min Scan# 109

Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampleId :

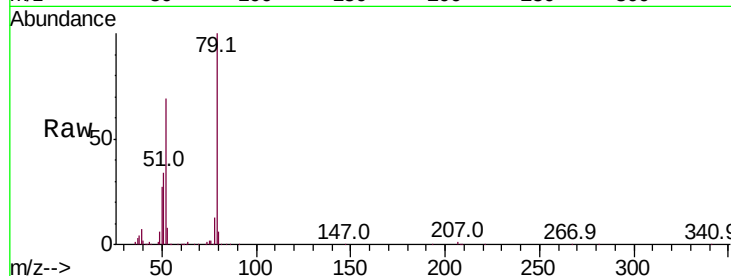
Tot Ion: 79 Resp: 602105

Ion Ratio Lower Upper

79 100

52 68.6 46.5 69.7

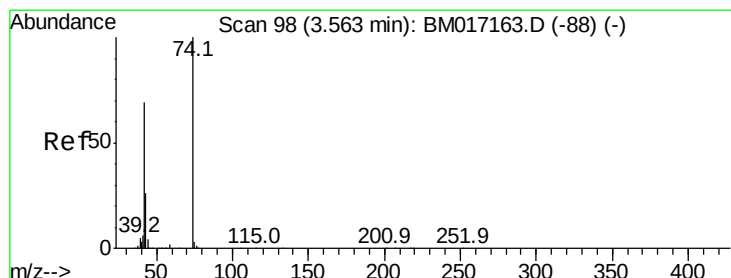
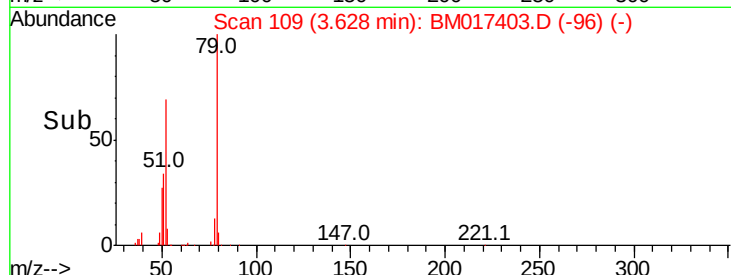
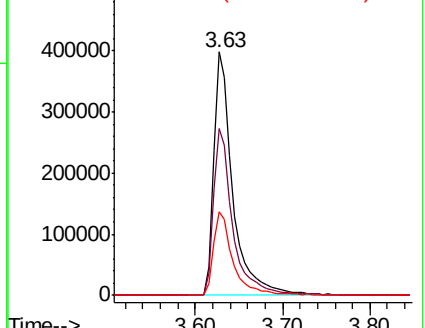
51 34.3 24.6 37.0



Abundance Ion 79.00 (78.70 to 79.70): BM017403.D (-106) (-)

Ion 52.00 (51.70 to 52.70): BM017403.D (-106) (-)

Ion 51.00 (50.70 to 51.70): BM017403.D (-106) (-)



#4

n-Nitrosodimethylamine

Concen: 37.852 ng

RT: 3.55 min Scan# 96

Delta R.T. -0.01 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

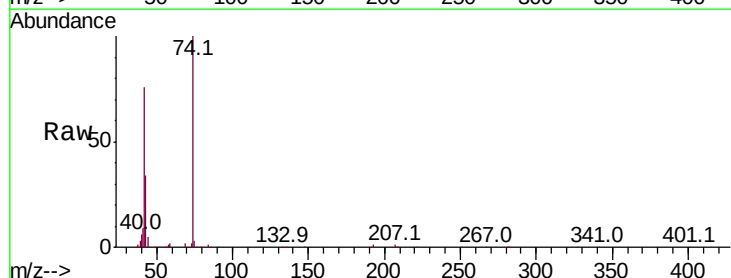
Tgt Ion: 42 Resp: 293378

Ion Ratio Lower Upper

42 100

74 132.4 114.4 171.6

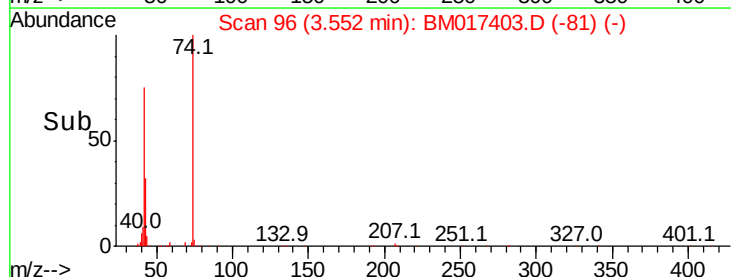
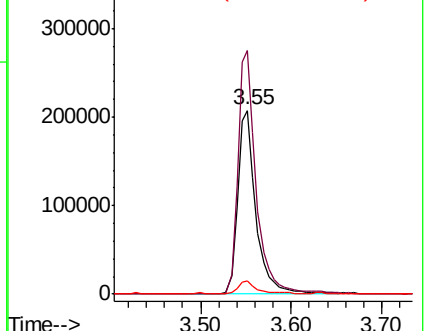
44 7.2 48.6 73.0#

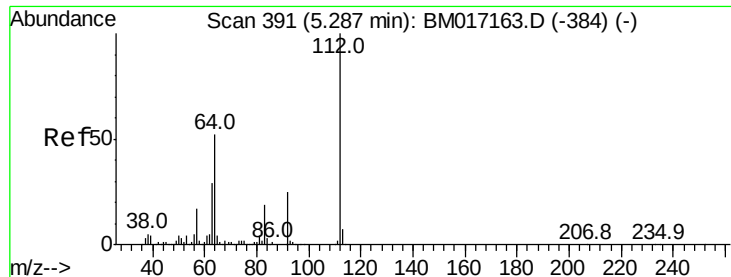


Abundance Ion 42.00 (41.70 to 42.70): BM017403.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM017403.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017403.D (-88) (-)





#5

2-Fluorophenol

Concen: 125.960 ng

RT: 5.27 min Scan# 388

Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampleId :

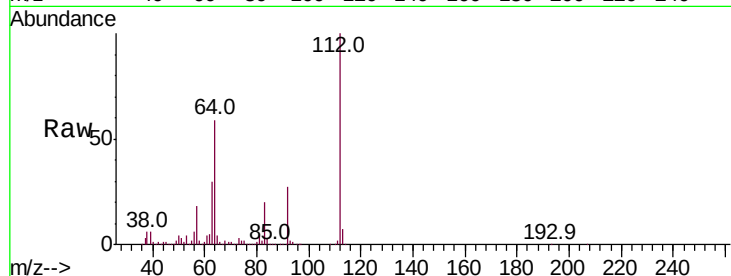
Tot Ion:112 Resp: 2069805

Ion Ratio Lower Upper

112 100

64 58.7 41.7 62.5

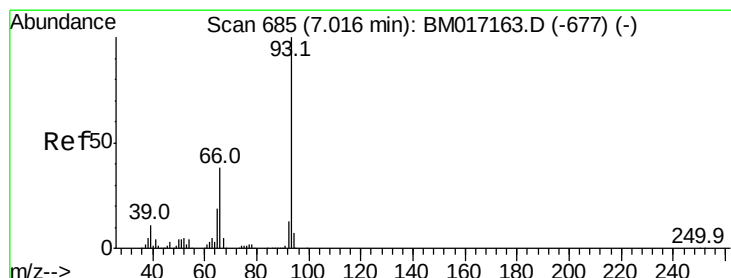
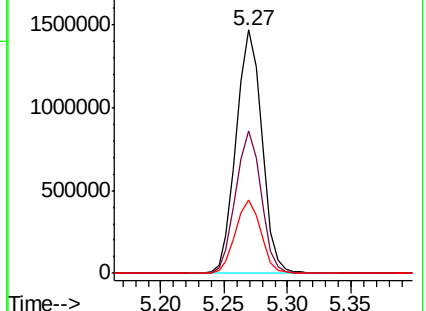
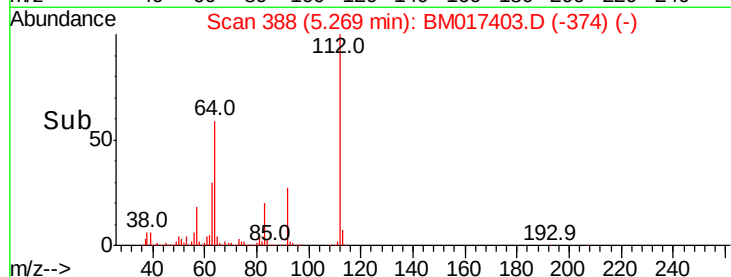
63 29.9 23.0 34.4



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: 22.846 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

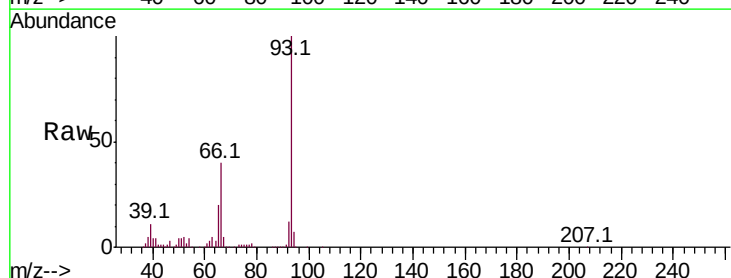
Tgt Ion: 93 Resp: 639528

Ion Ratio Lower Upper

93 100

66 40.2 30.4 45.6

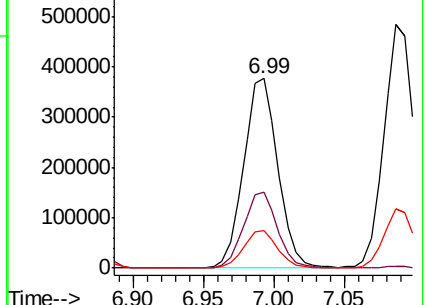
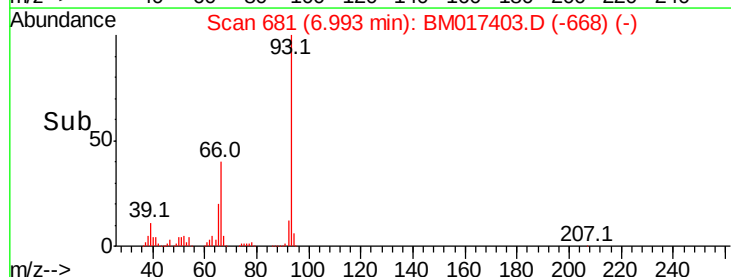
65 19.9 15.3 22.9

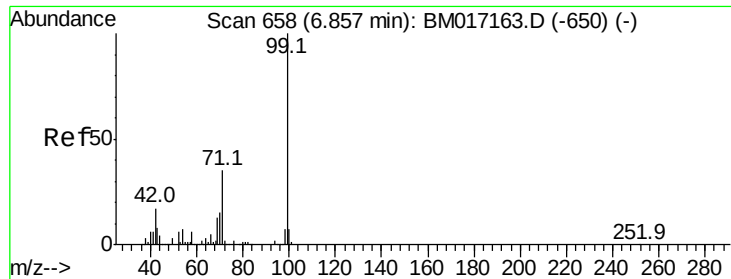


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 128.446 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampled :

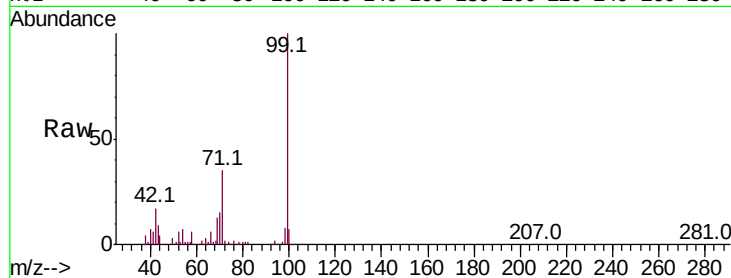
Tot Ion: 99 Resp: 2874594

Ion Ratio Lower Upper

99 100

42 17.0 13.3 19.9

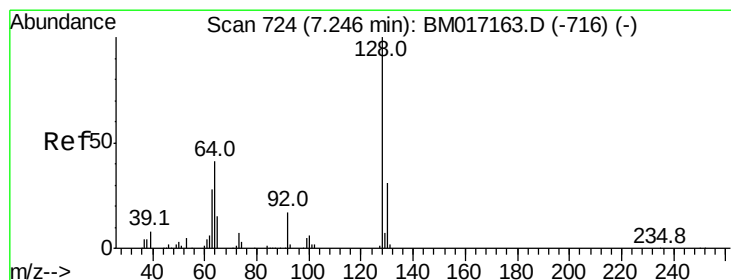
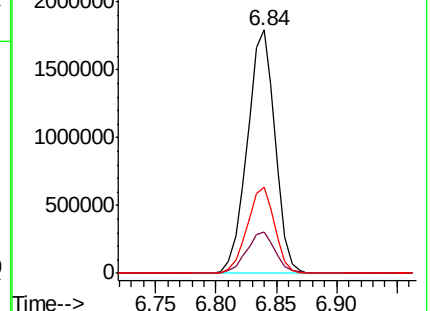
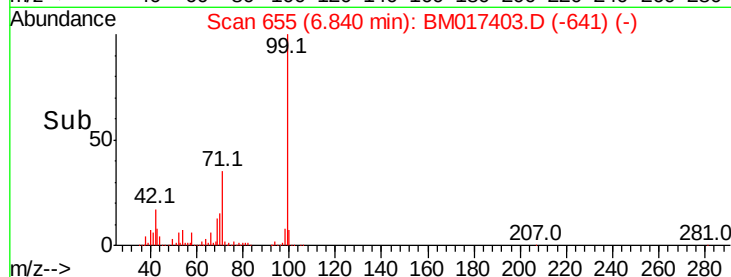
71 35.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#8

2-Chlorophenol

Concen: 45.163 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

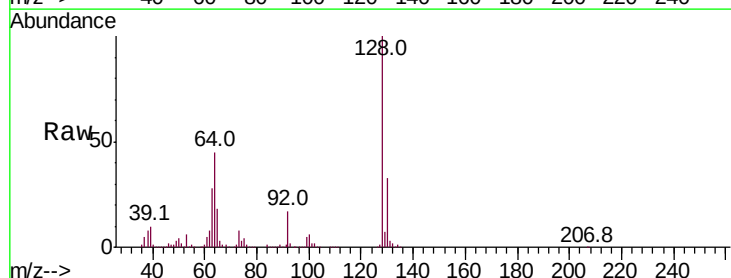
Tgt Ion:128 Resp: 858566

Ion Ratio Lower Upper

128 100

130 33.1 11.0 51.0

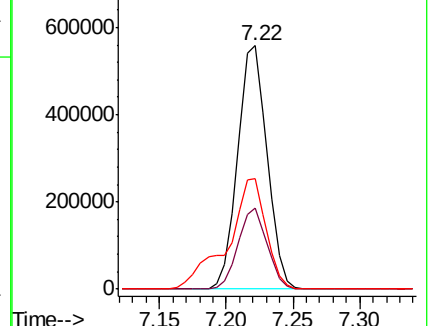
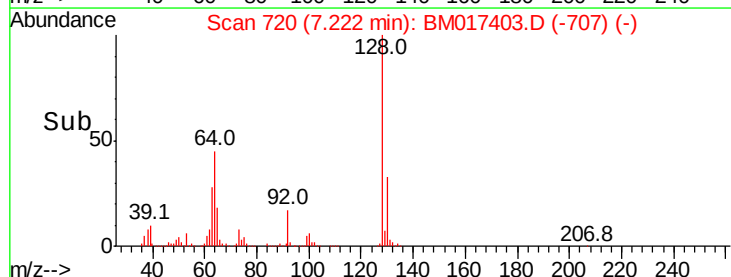
64 45.3 24.1 64.1

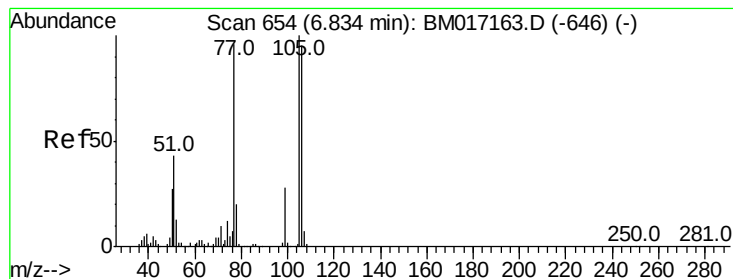


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

Ion 130.00 (129.70 to 130.70): BM017163.D (-716) (-)

Ion 64.00 (63.70 to 64.70): BM017163.D (-716) (-)





#9

Benzaldehyde

Concen: 25.611 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.03 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampleId :

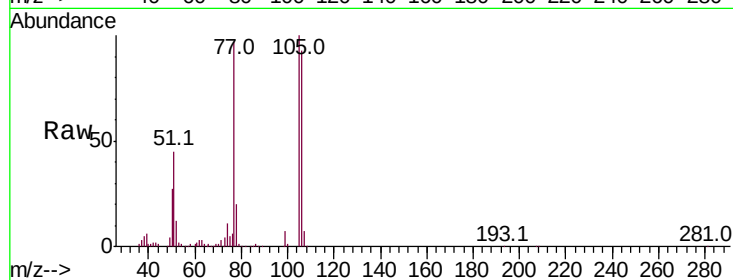
Tot Ion: 77 Resp: 365455

Ion Ratio Lower Upper

77 100

105 103.2 83.9 123.9

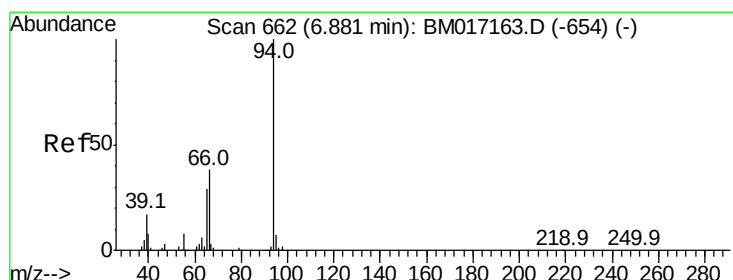
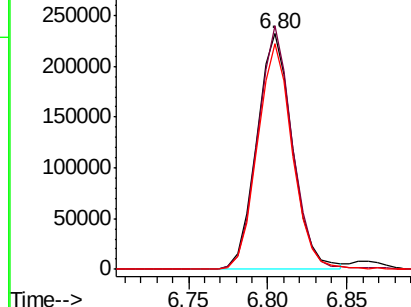
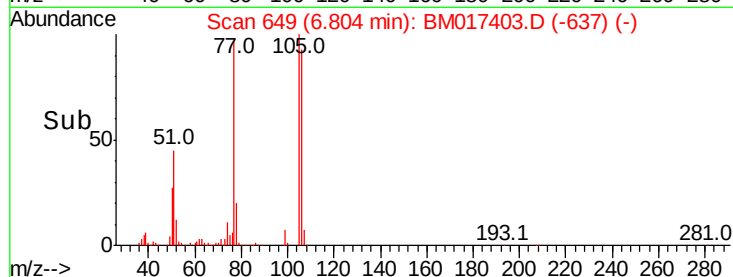
106 95.6 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BM017403.D (-637) (-)

Ion 105.00 (104.70 to 105.70): BM017403.D (-637) (-)

Ion 106.00 (105.70 to 106.70): BM017403.D (-637) (-)



#10

Phenol

Concen: 44.603 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

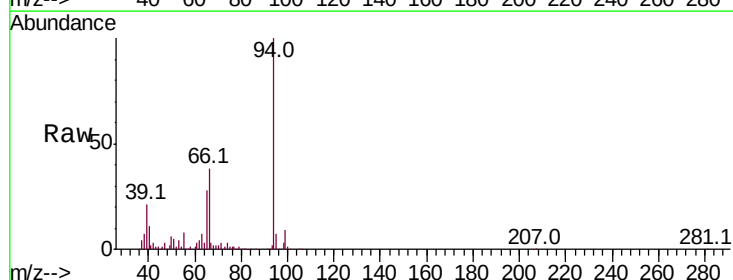
Tgt Ion: 94 Resp: 1074302

Ion Ratio Lower Upper

94 100

65 27.6 9.4 49.4

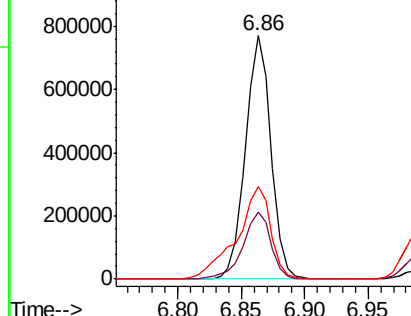
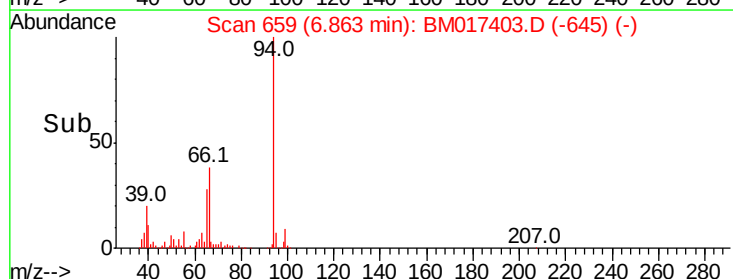
66 38.1 19.0 59.0

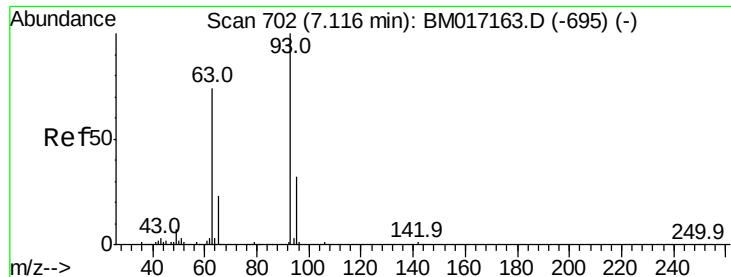


Abundance Ion 94.00 (93.70 to 94.70): BM017403.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017403.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017403.D (-645) (-)

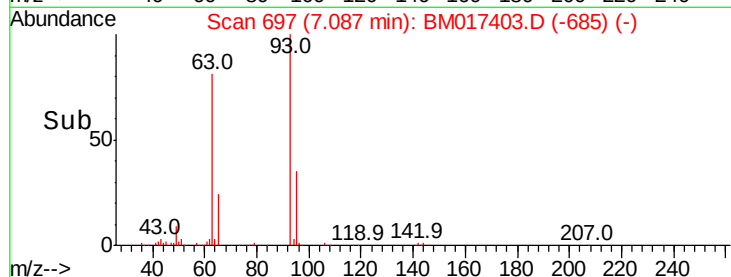
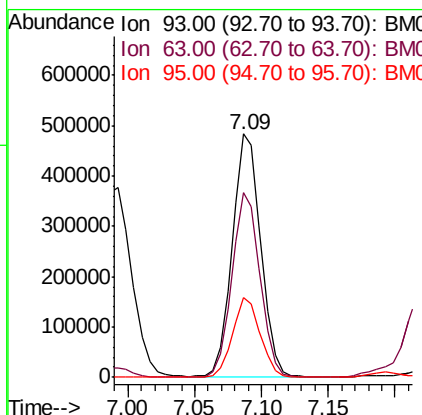
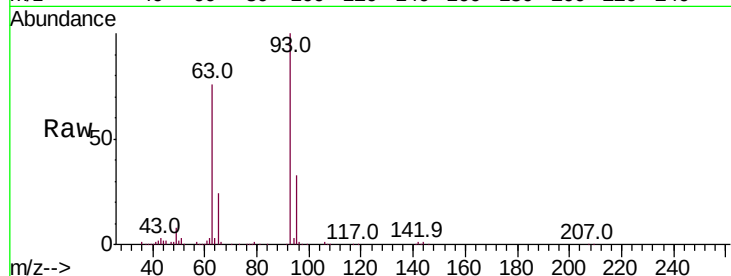




#11
bis(2-Chloroethyl)ether
Concen: 37.174 ng
RT: 7.09 min Scan# 697
Delta R.T. -0.03 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

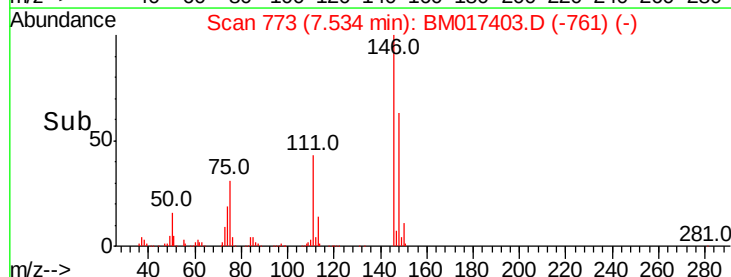
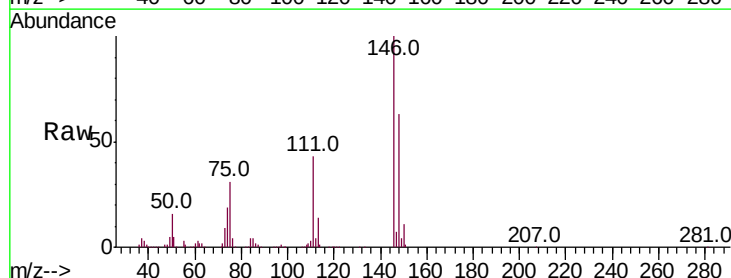
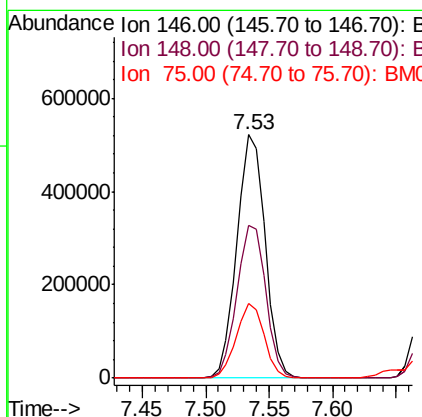
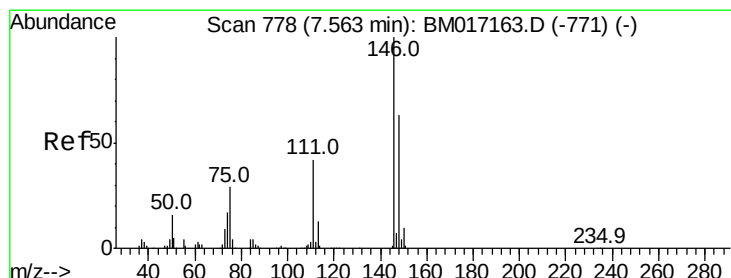
Instrument :
BNA_M
ClientSampleId :

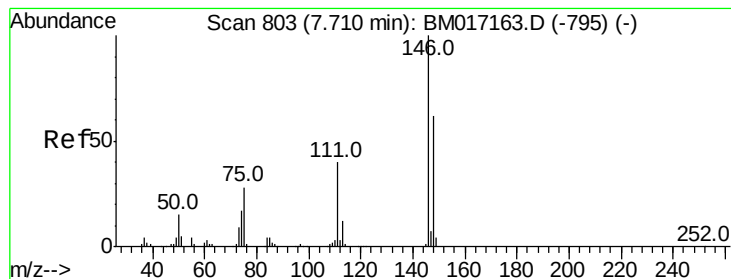
Tot Ion: 93 Resp: 713771
Ion Ratio Lower Upper
93 100
63 75.8 54.0 94.0
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.371 ng
RT: 7.53 min Scan# 773
Delta R.T. -0.03 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion: 146 Resp: 806007
Ion Ratio Lower Upper
146 100
148 62.8 50.2 75.4
75 30.8 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 36.497 ng

RT: 7.68 min Scan# 798

Delta R.T. -0.03 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampleId :

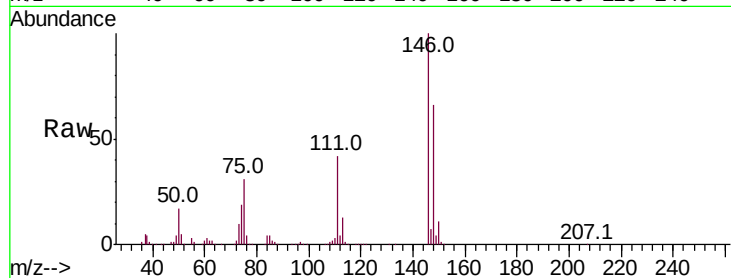
Tot Ion:146 Resp: 826337

Ion Ratio Lower Upper

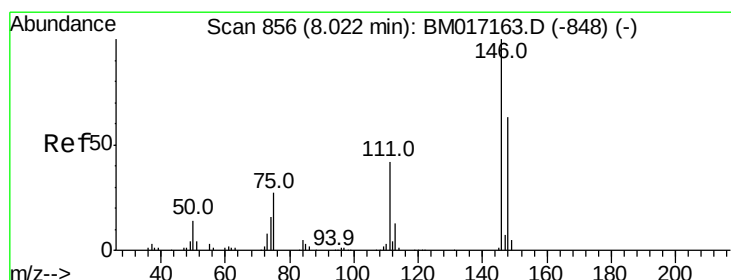
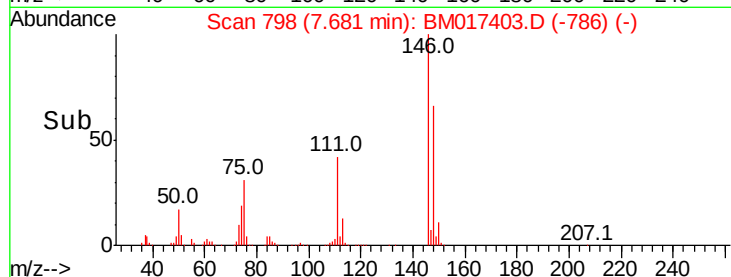
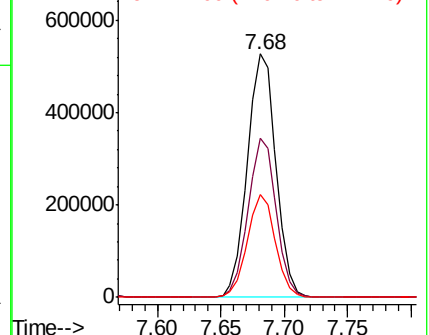
146 100

148 65.5 49.8 74.6

111 42.3 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.970 ng

RT: 7.99 min Scan# 851

Delta R.T. -0.03 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

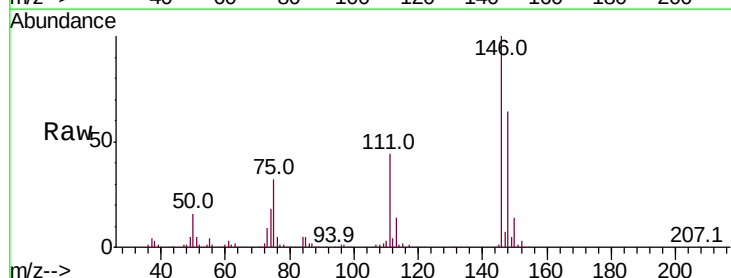
Tgt Ion:146 Resp: 806475

Ion Ratio Lower Upper

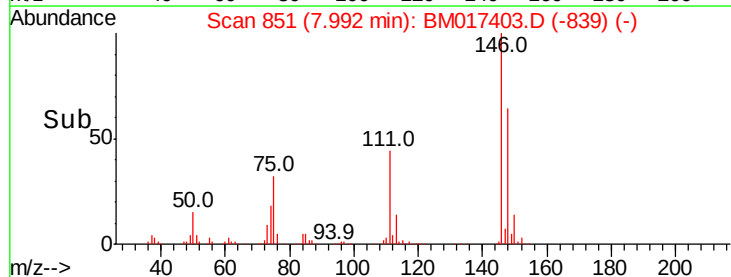
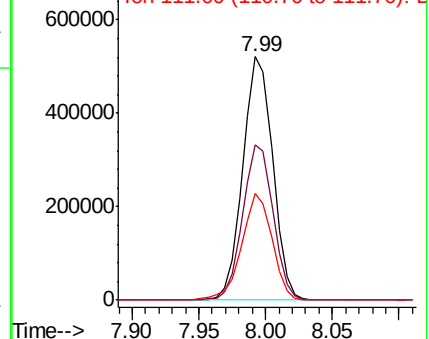
146 100

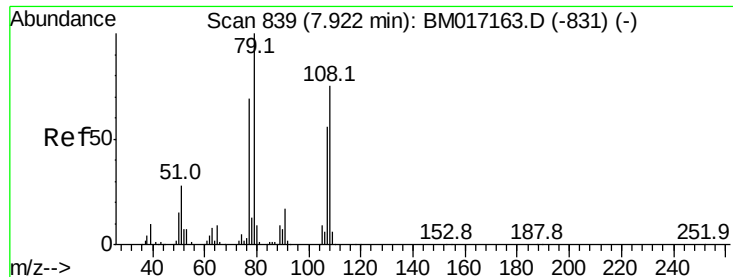
148 63.9 50.8 76.2

111 44.0 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

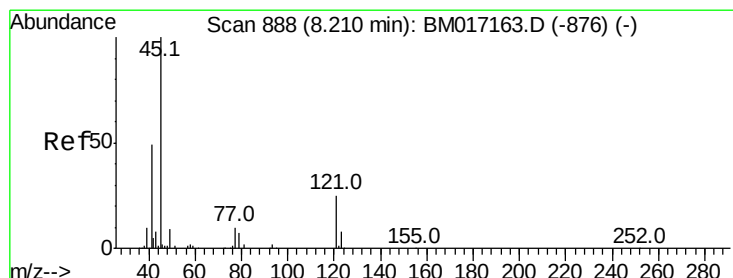
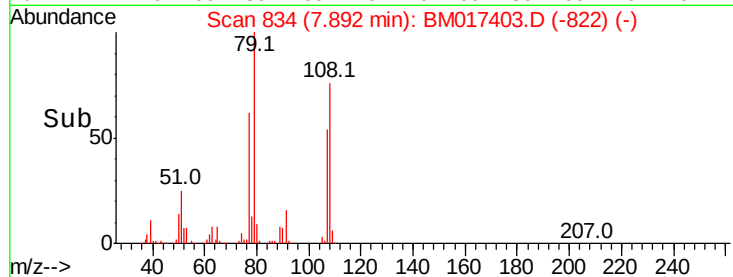
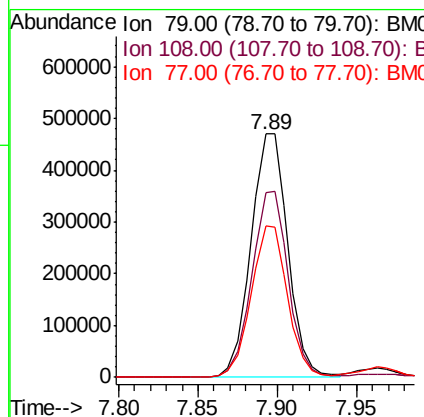
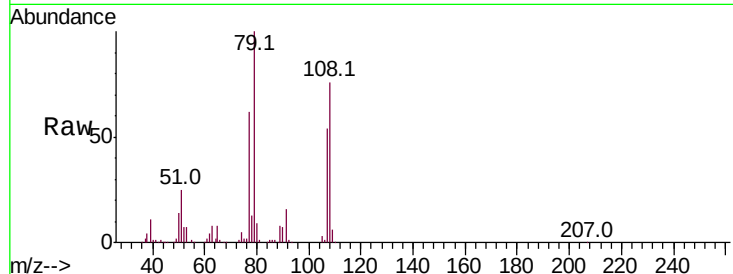




#15
Benzyl Alcohol
Concen: 46.603 ng
RT: 7.89 min Scan# 834
Delta R.T. -0.03 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

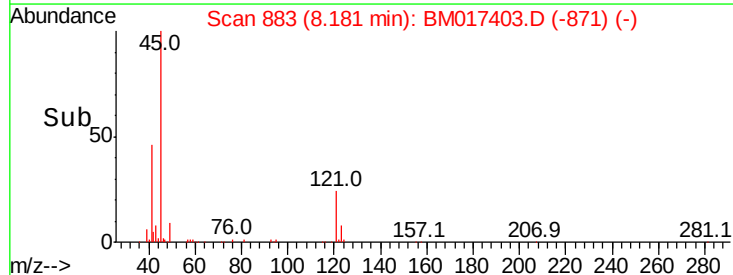
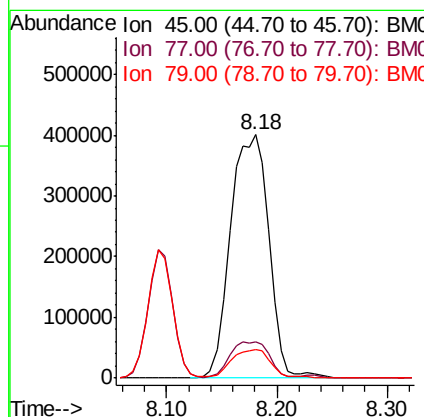
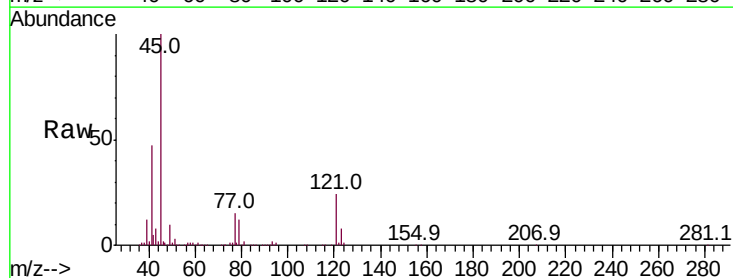
Instrument :
BNA_M
ClientSampleId :

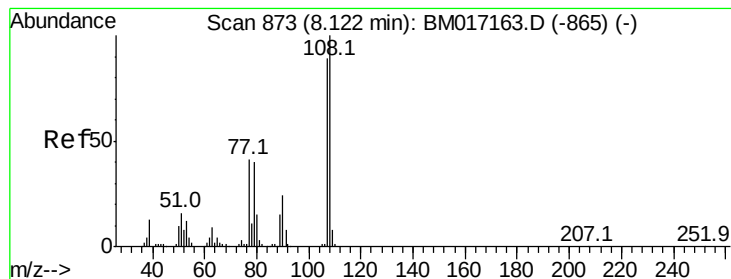
Tot Ion	Ratio	Lower	Upper
79	100		
108	75.9	60.3	90.5
77	62.0	54.8	82.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.367 ng
RT: 8.18 min Scan# 883
Delta R.T. -0.03 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	35.5
79	11.8	0.0	32.1

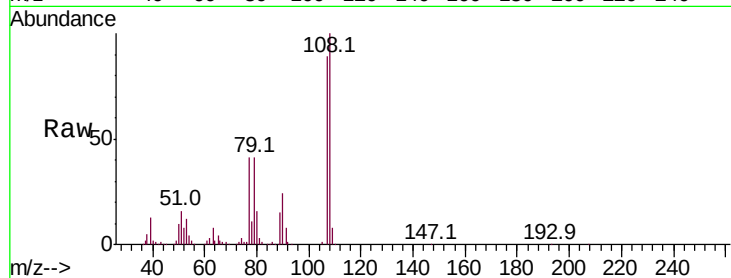




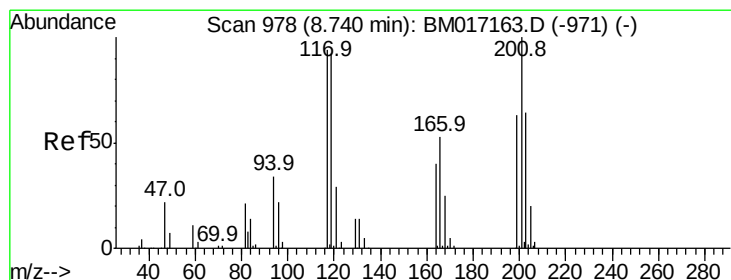
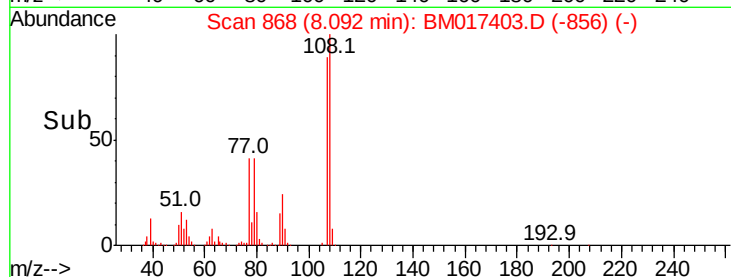
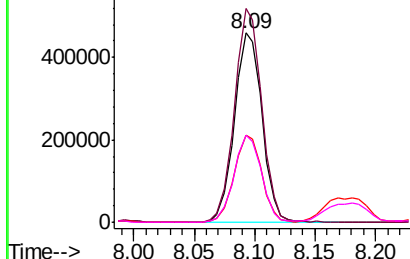
#17
2-Methylphenol
Concen: 47.255 ng
RT: 8.09 min Scan# 868
Delta R.T. -0.03 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	730565
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.3	135.5
77	46.0	37.0	55.4
79	46.2	35.8	53.6

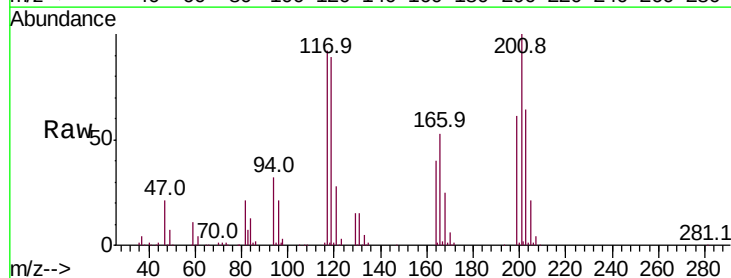


Abundance Ion 107.00 (106.70 to 107.70): E
800000 Ion 108.00 (107.70 to 108.70): E
600000 Ion 77.00 (76.70 to 77.70): BM0
400000 Ion 79.00 (78.70 to 79.70): BM0
200000
0

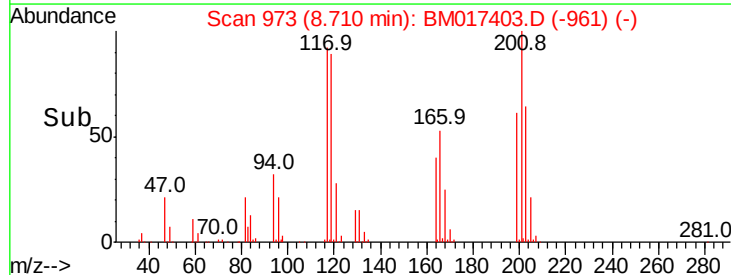
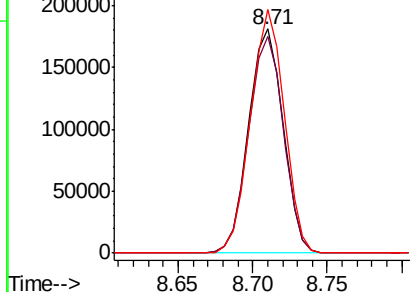


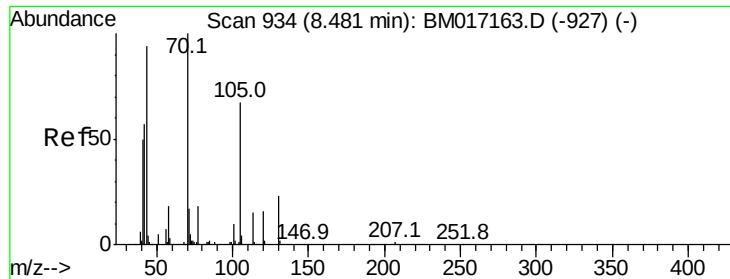
#18
Hexachloroethane
Concen: 37.383 ng
RT: 8.71 min Scan# 973
Delta R.T. -0.03 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion:	117	Resp:	289654
Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.2	117.2
201	108.7	85.3	127.9



Abundance Ion 117.00 (116.70 to 117.70): E
250000 Ion 119.00 (118.70 to 119.70): E
200000 Ion 201.00 (200.70 to 201.70): E
150000
100000
50000
0

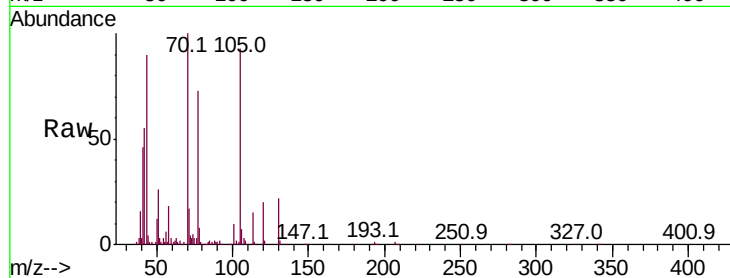




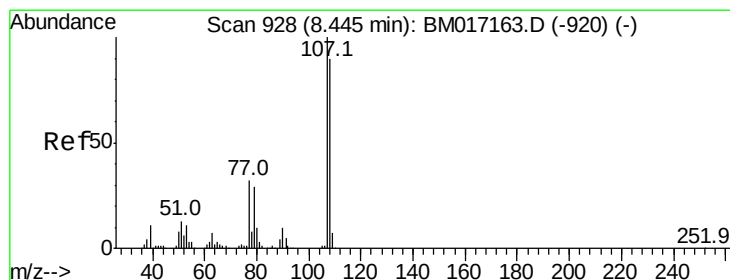
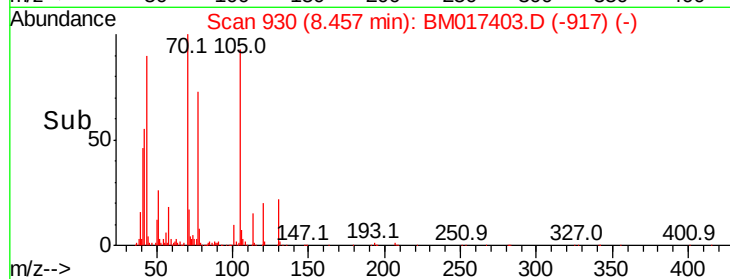
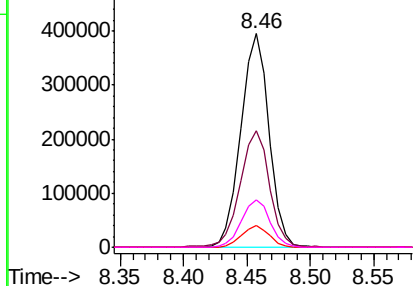
#19
n-Nitroso-di-n-propylamine
Concen: 41.104 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.02 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	70	Resp:	605717
Ion	Ratio	Lower	Upper
70	100		
42	54.6	46.1	69.1
101	10.4	8.2	12.4
130	22.2	18.4	27.6

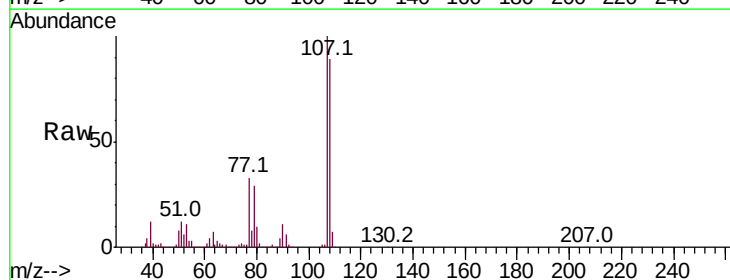


Abundance Ion 70.00 (69.70 to 70.70): BM017163.D (-927) (-)
Ion 42.00 (41.70 to 42.70): BM017163.D (-927) (-)
Ion 101.00 (100.70 to 101.70): BM017163.D (-927) (-)
Ion 130.00 (129.70 to 130.70): BM017163.D (-927) (-)

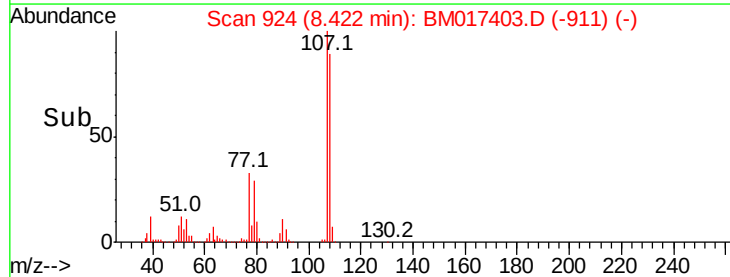
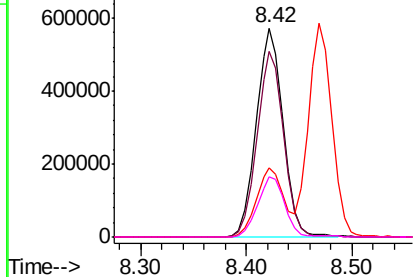


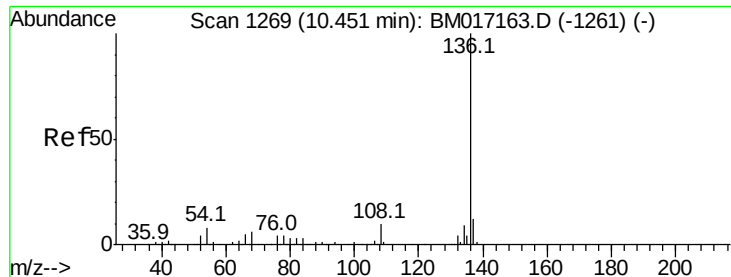
#20
3+4-Methylphenols
Concen: 47.705 ng
RT: 8.42 min Scan# 924
Delta R.T. -0.02 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion:	107	Resp:	1008716
Ion	Ratio	Lower	Upper
107	100		
108	89.0	69.9	109.9
77	33.2	12.2	52.2
79	28.8	9.0	49.0



Abundance Ion 107.00 (106.70 to 107.70): BM017163.D (-920) (-)
Ion 108.00 (107.70 to 108.70): BM017163.D (-920) (-)
Ion 77.00 (76.70 to 77.70): BM017163.D (-920) (-)
Ion 79.00 (78.70 to 79.70): BM017163.D (-920) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1264

Delta R.T. -0.03 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 1247361

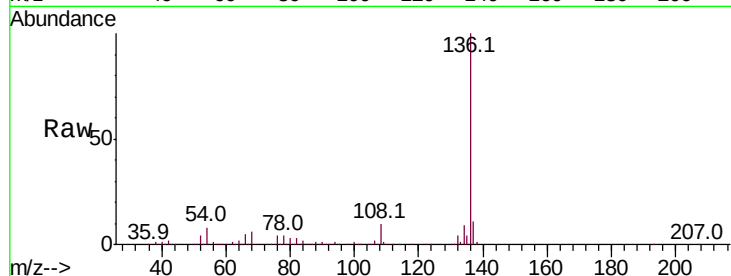
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.5 6.7 10.1

68 5.7 4.7 7.1

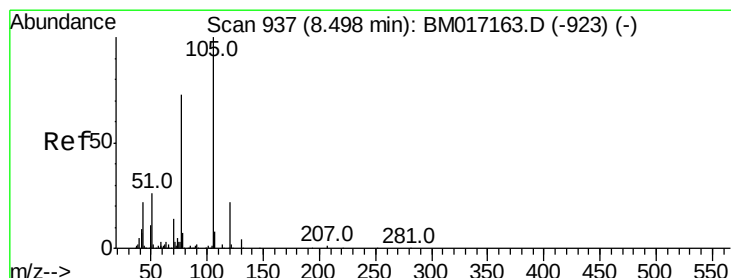
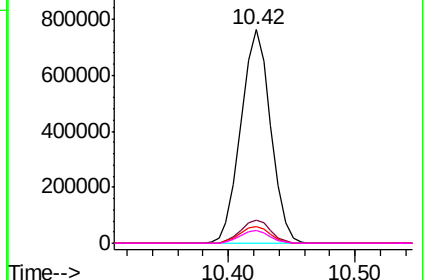
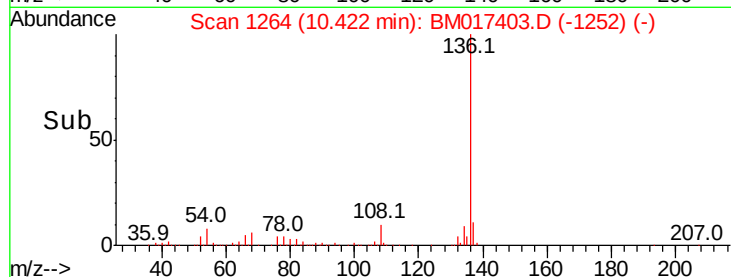


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.338 ng

RT: 8.47 min Scan# 932

Delta R.T. -0.03 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Tgt Ion:105 Resp: 1212221

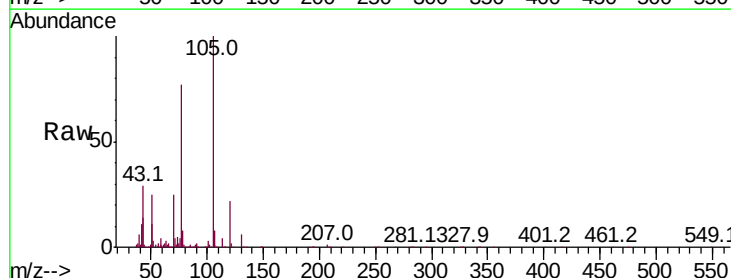
Ion Ratio Lower Upper

105 100

71 3.9 2.0 3.0#

51 25.4 20.6 31.0

120 21.8 17.5 26.3

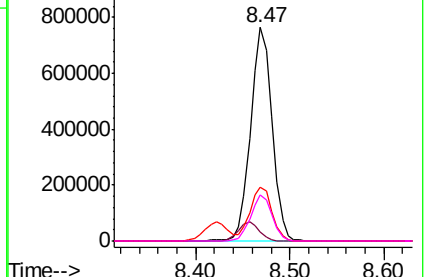
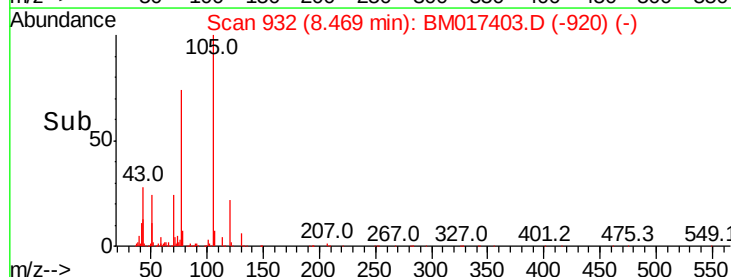


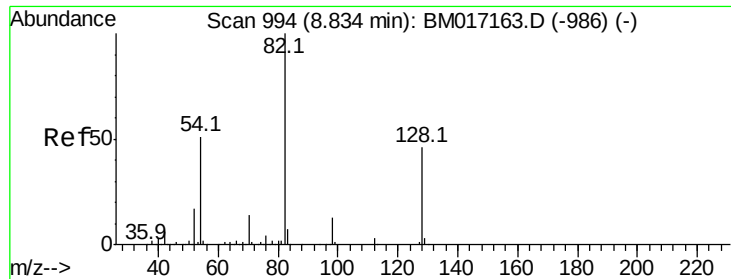
Abundance Ion 105.00 (104.70 to 105.70): E

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

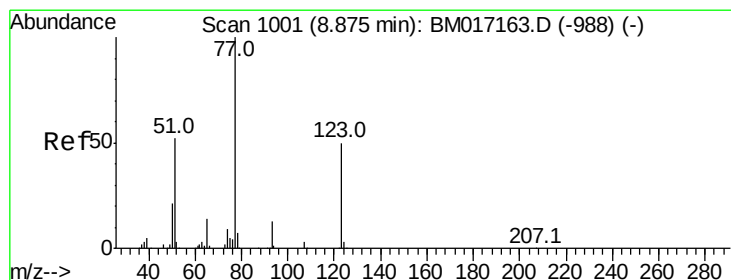
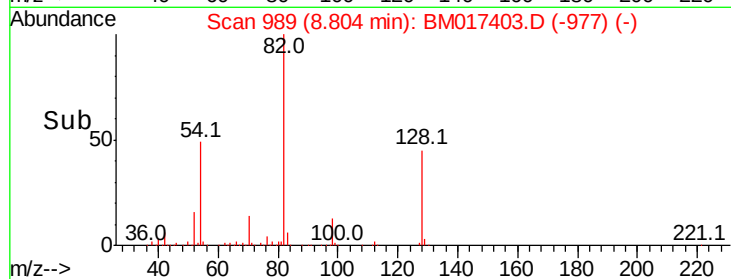
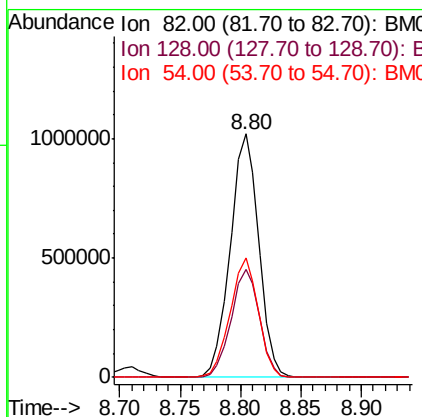
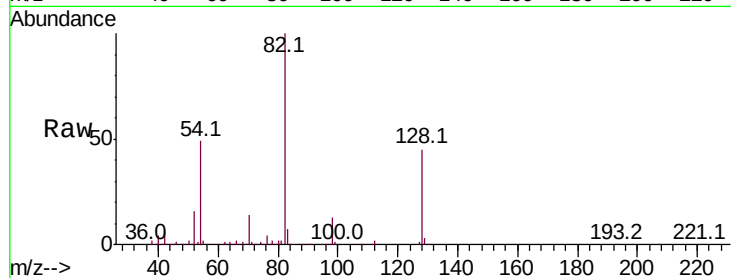




#23
Nitrobenzene-d5
Concen: 78.609 ng
RT: 8.80 min Scan# 989
Delta R.T. -0.03 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

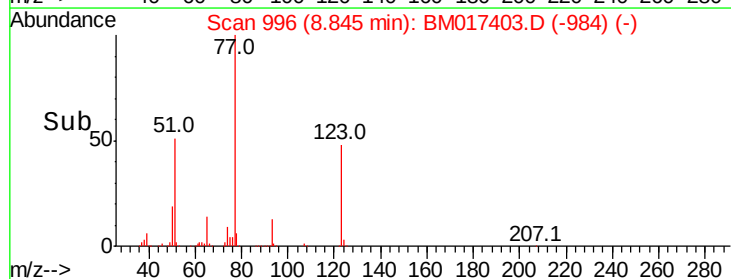
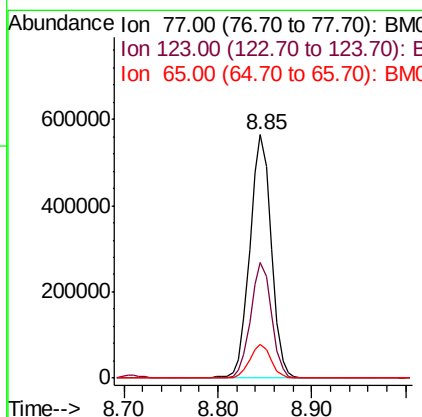
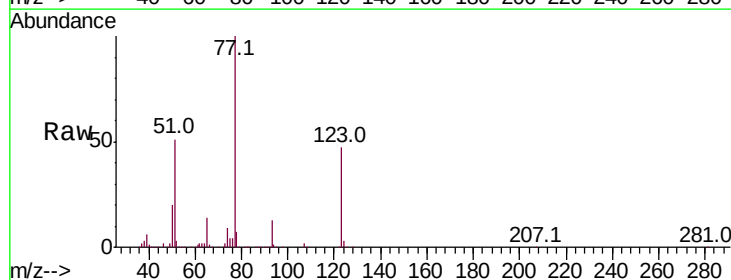
Instrument :
BNA_M
ClientSampleId :

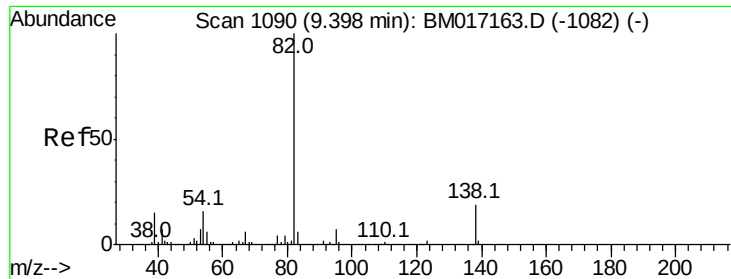
Tot Ion: 82 Resp: 1676553
Ion Ratio Lower Upper
82 100
128 44.6 37.0 55.6
54 49.1 40.7 61.1



#24
Nitrobenzene
Concen: 39.503 ng
RT: 8.85 min Scan# 996
Delta R.T. -0.03 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion: 77 Resp: 891183
Ion Ratio Lower Upper
77 100
123 47.5 40.2 60.4
65 13.7 11.4 17.0





#25

Isophorone

Concen: 46.826 ng

RT: 9.37 min Scan# 1085

Delta R.T. -0.03 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampleId :

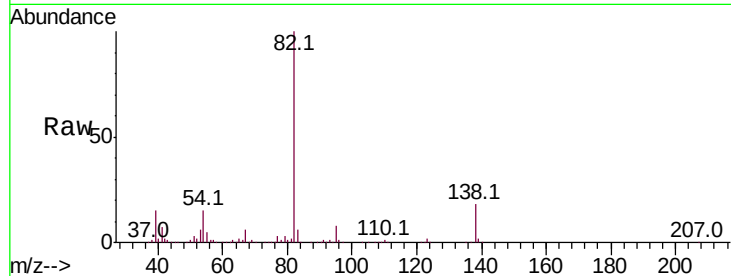
Tot Ion: 82 Resp: 1649139

Ion Ratio Lower Upper

82 100

95 7.7 6.0 9.0

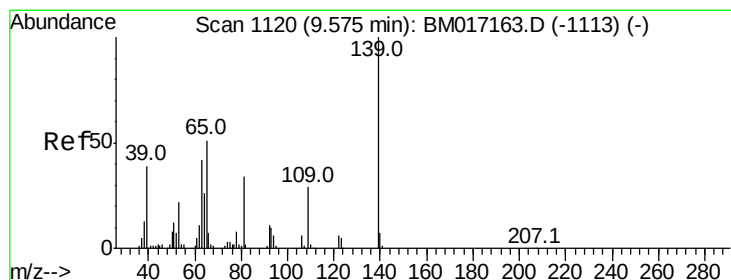
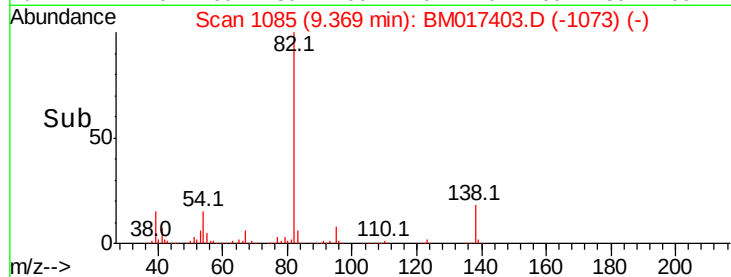
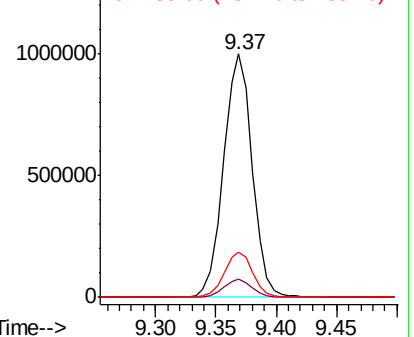
138 18.4 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-1082) (-)

Ion 95.00 (94.70 to 95.70): BM017163.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BM017163.D (-1082) (-)



#26

2-Nitrophenol

Concen: 44.322 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.03 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

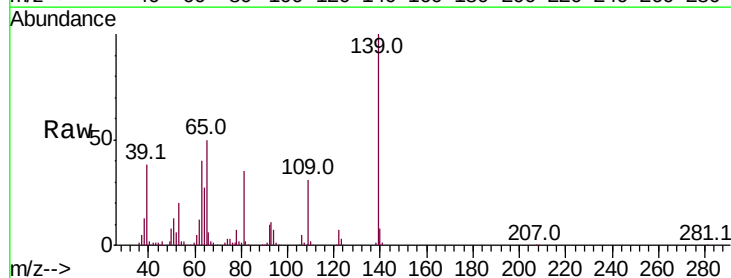
Tgt Ion:139 Resp: 462726

Ion Ratio Lower Upper

139 100

109 31.0 23.2 34.8

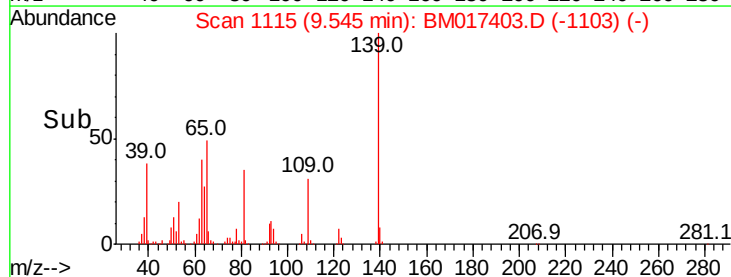
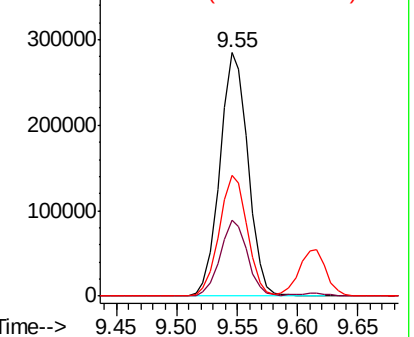
65 49.5 40.6 61.0

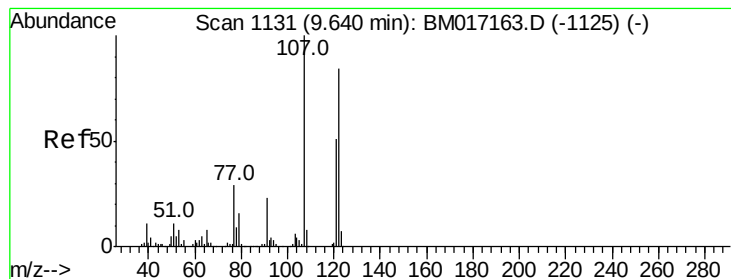


Abundance Ion 139.00 (138.70 to 139.70): BM017163.D (-1113) (-)

Ion 109.00 (108.70 to 109.70): BM017163.D (-1113) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-1113) (-)

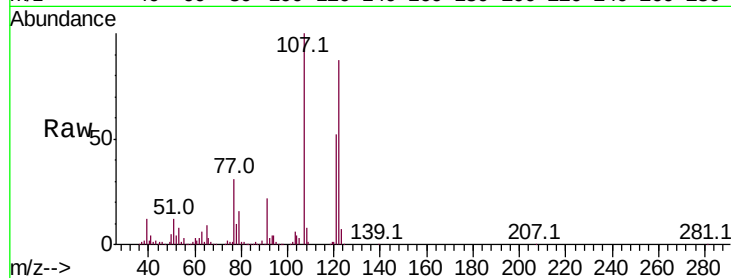




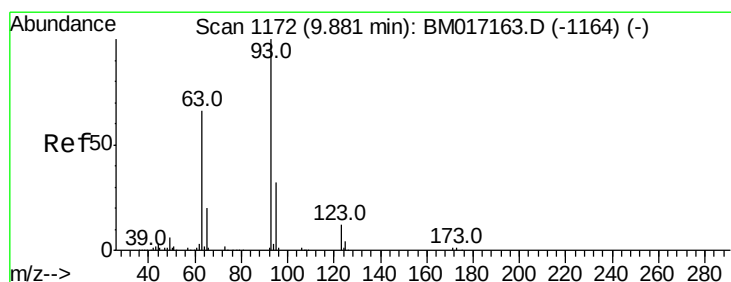
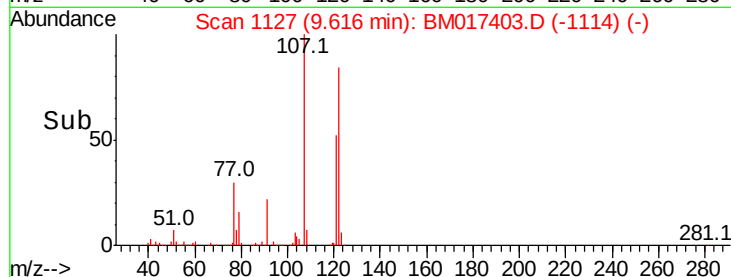
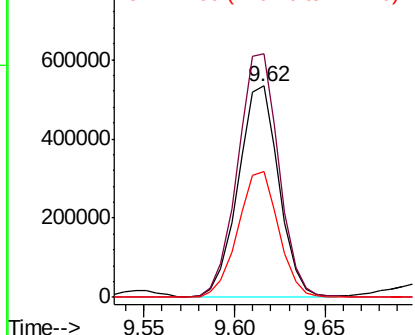
#27
2,4-Dimethylphenol
Concen: 53.177 ng
RT: 9.62 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion:122 Resp: 828120
Ion Ratio Lower Upper
122 100
107 115.3 95.0 142.6
121 59.8 48.2 72.4

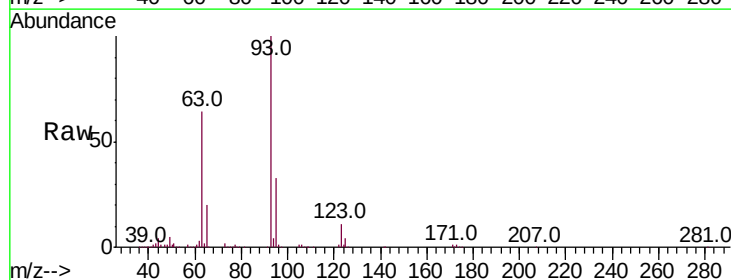


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

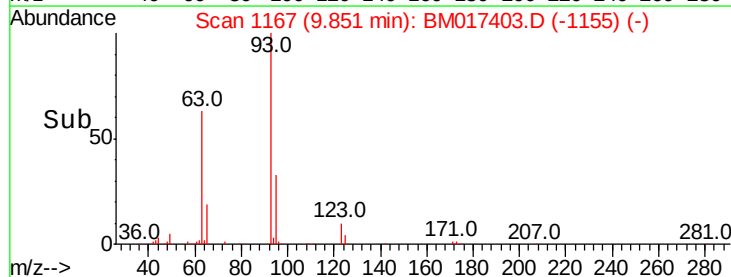
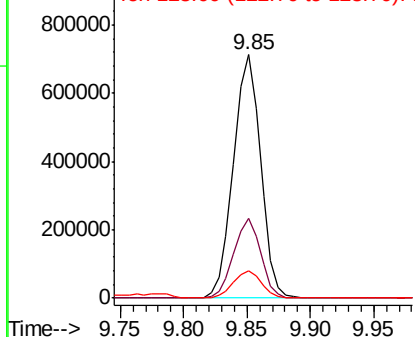


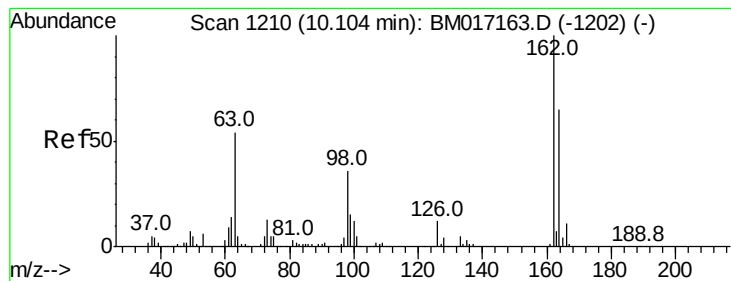
#28
bis(2-Chloroethoxy)methane
Concen: 42.654 ng
RT: 9.85 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion: 93 Resp: 1057303
Ion Ratio Lower Upper
93 100
95 32.6 25.7 38.5
123 11.4 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: 47.427 ng

RT: 10.08 min Scan# 1206

Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampleId :

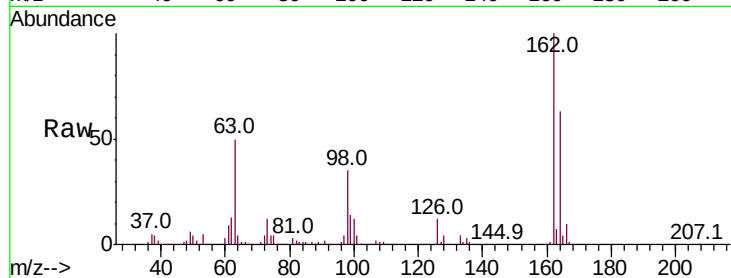
Tot Ion:162 Resp: 857527

Ion Ratio Lower Upper

162 100

164 63.4 44.9 84.9

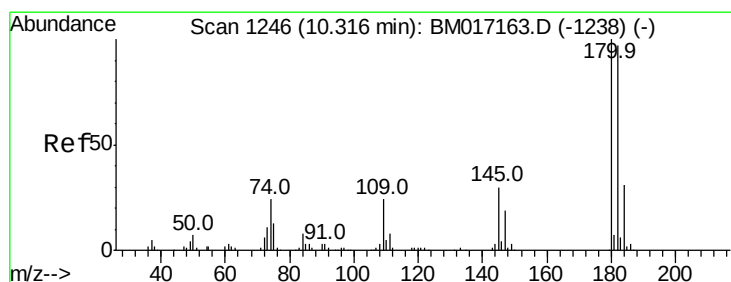
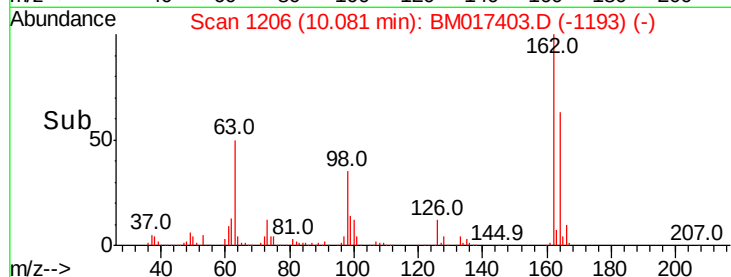
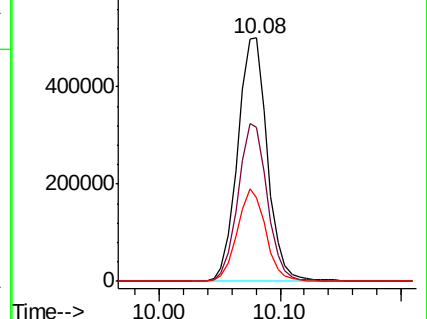
98 34.5 15.8 55.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 37.506 ng

RT: 10.29 min Scan# 1241

Delta R.T. -0.03 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

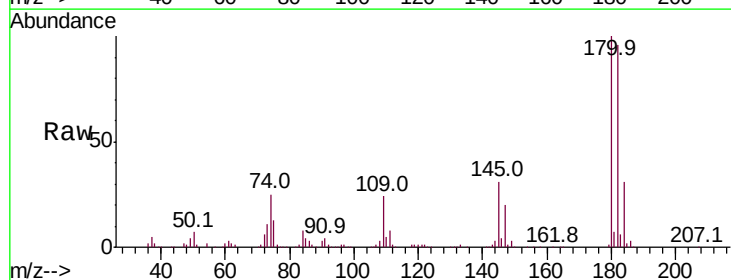
Tgt Ion:180 Resp: 813509

Ion Ratio Lower Upper

180 100

182 96.3 77.5 116.3

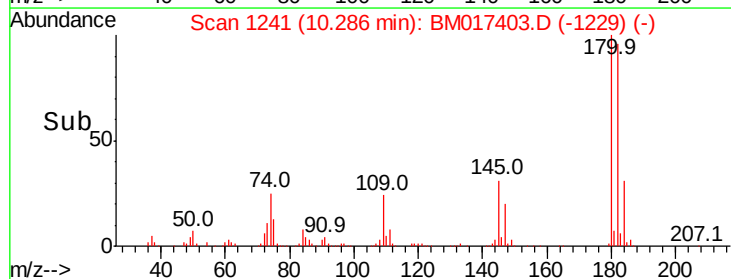
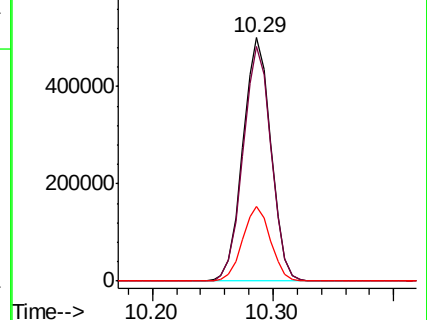
145 30.7 24.0 36.0

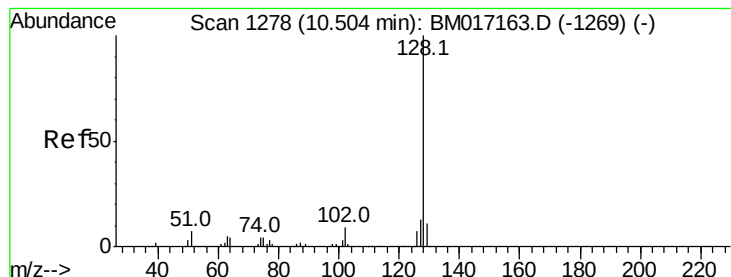


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.450 ng

RT: 10.47 min Scan# 1273

Delta R.T. -0.03 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampleId :

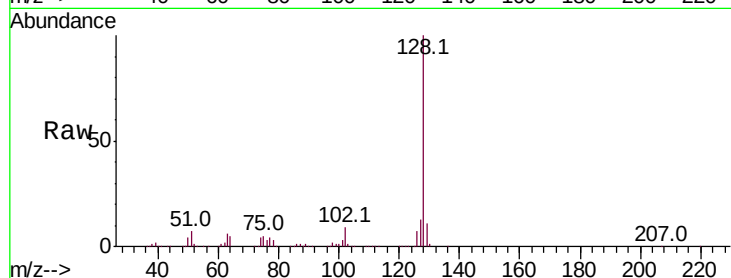
Tot Ion:128 Resp: 2533754

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

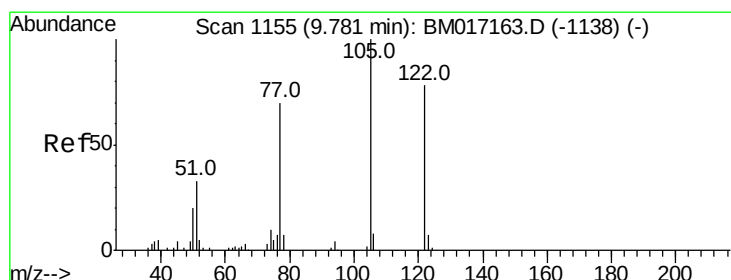
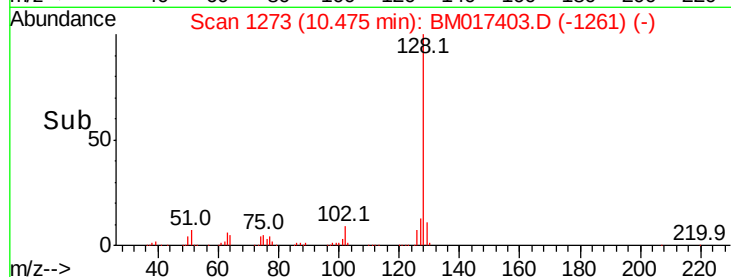
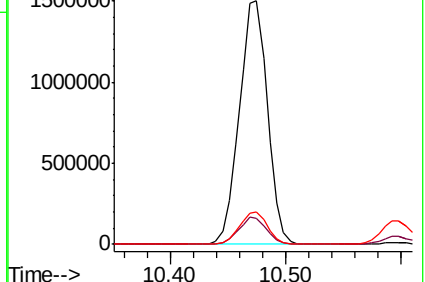
127 13.2 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.492 ng

RT: 9.78 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

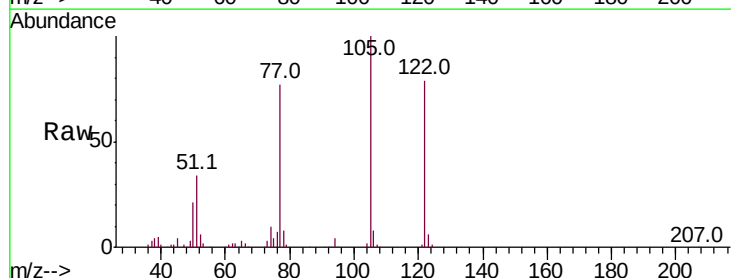
Tgt Ion:122 Resp: 575067

Ion Ratio Lower Upper

122 100

105 127.0 102.0 142.0

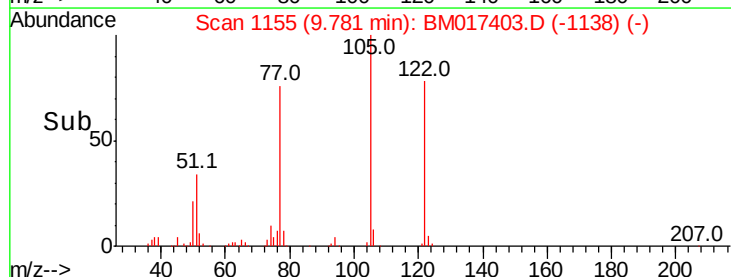
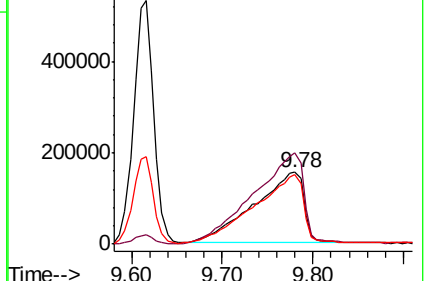
77 97.5 67.7 107.7

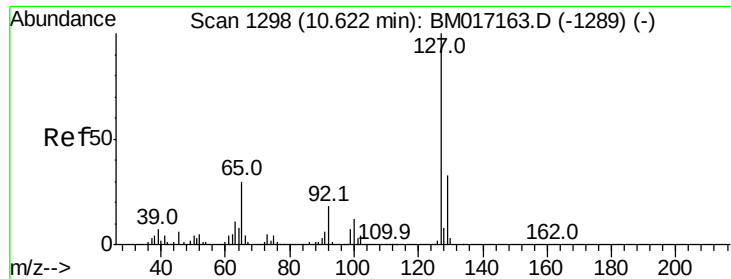


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

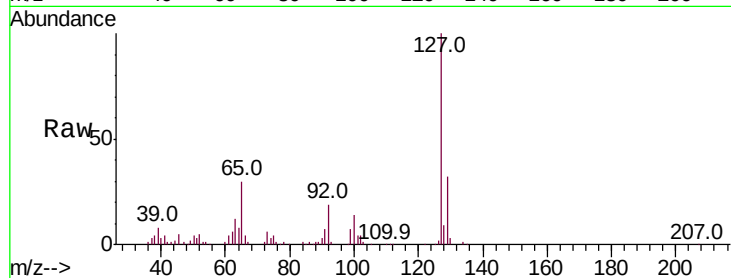




#33
4-Chloroaniline
Concen: 10.703 ng
RT: 10.59 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	282567
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	30.5	23.7	35.5
92	19.5	14.3	21.5



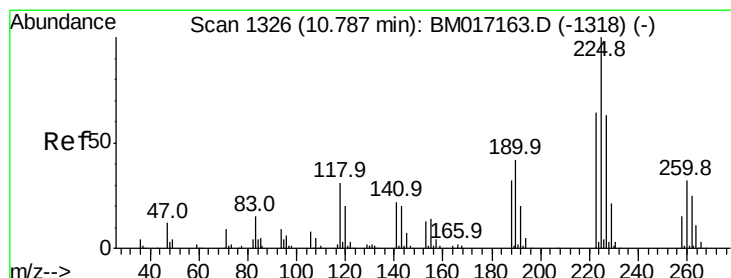
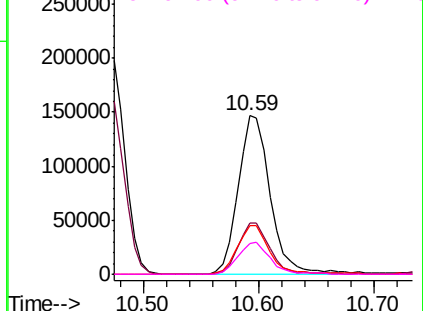
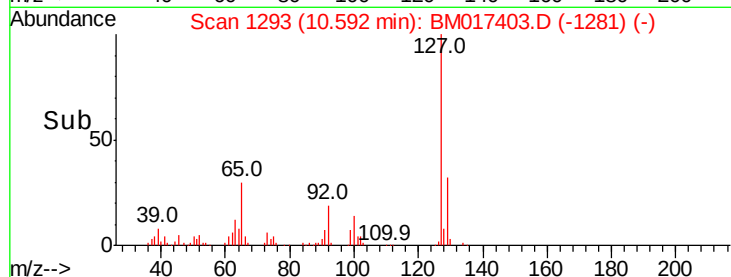
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

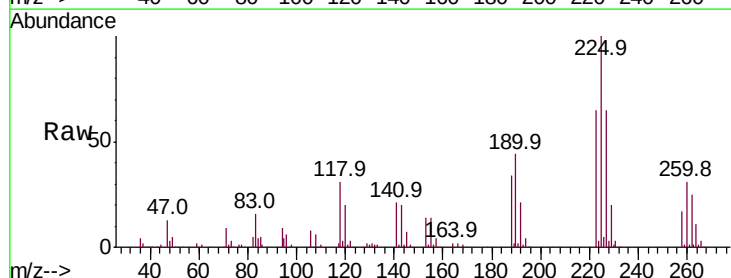
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 35.126 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion:	225	Resp:	482742
Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.0	76.6
227	64.9	50.8	76.2

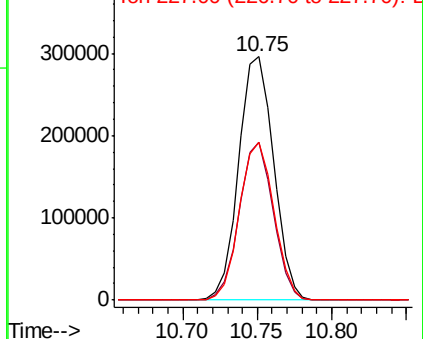
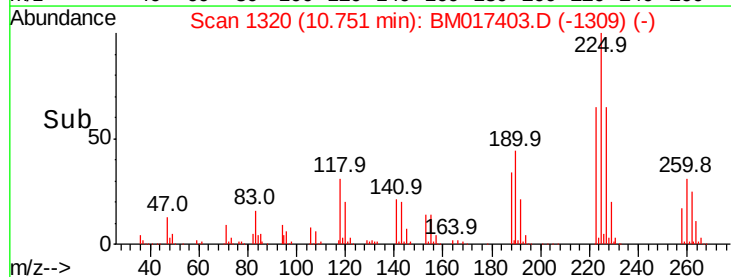


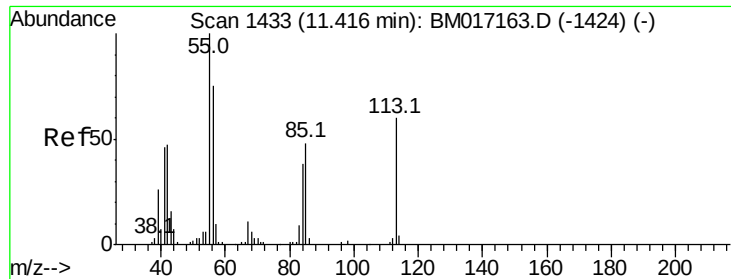
Abundance

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

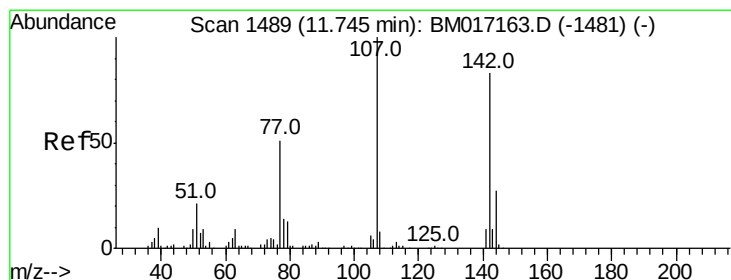
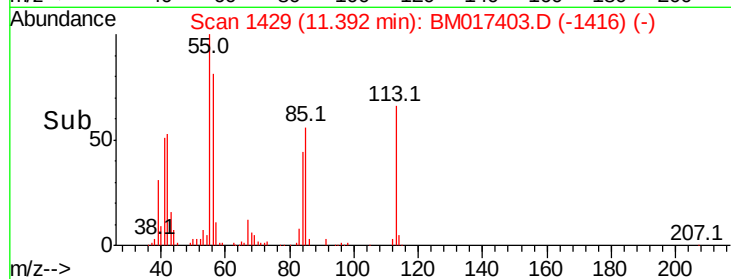
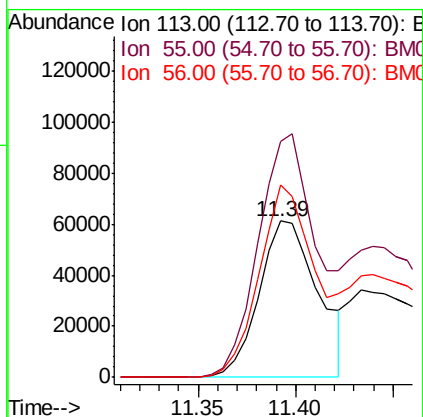
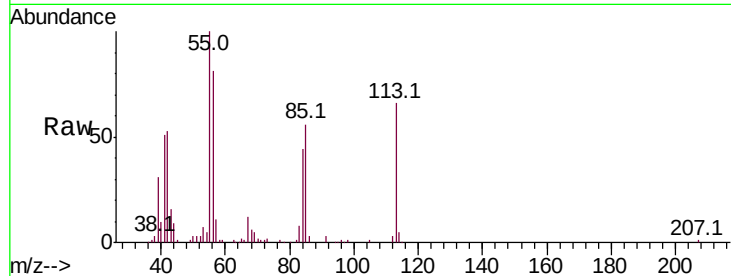




#35
 Caprolactam
 Concen: 19.435 ng
 RT: 11.39 min Scan# 1429
 Delta R.T. -0.02 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

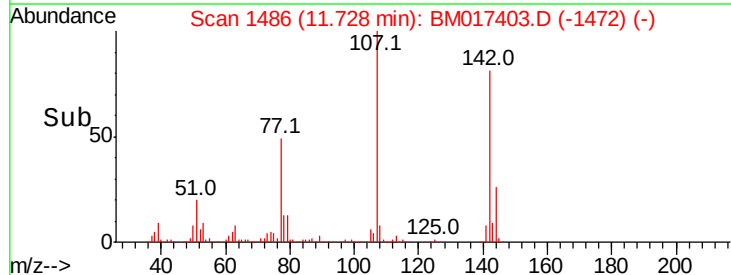
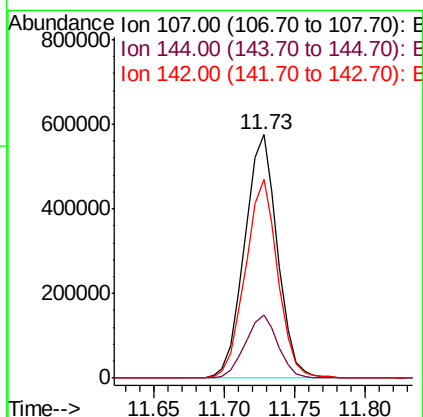
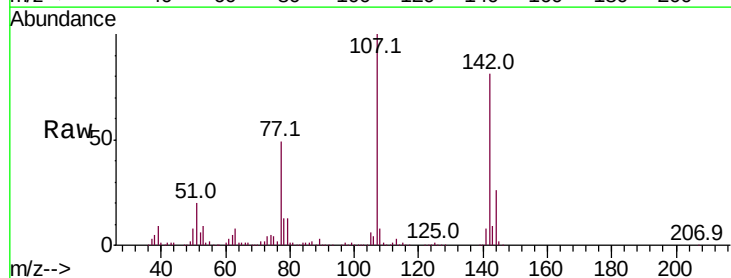
Instrument :
 BNA_M
 ClientSampled :

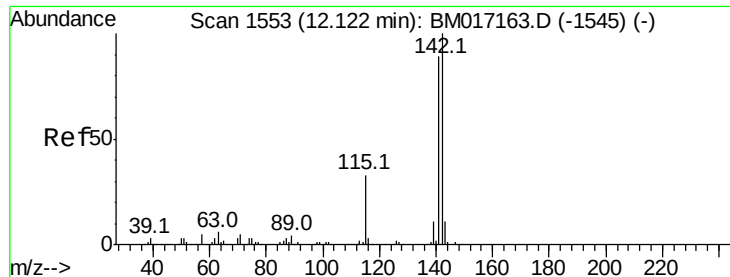
Tot Ion:113 Resp: 128065
 Ion Ratio Lower Upper
 113 100
 55 151.2 147.0 187.0
 56 122.9 104.5 144.5



#36
 4-Chloro-3-methylphenol
 Concen: 46.142 ng
 RT: 11.73 min Scan# 1486
 Delta R.T. -0.02 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Tgt Ion:107 Resp: 940429
 Ion Ratio Lower Upper
 107 100
 144 25.9 21.6 32.4
 142 81.4 66.0 99.0



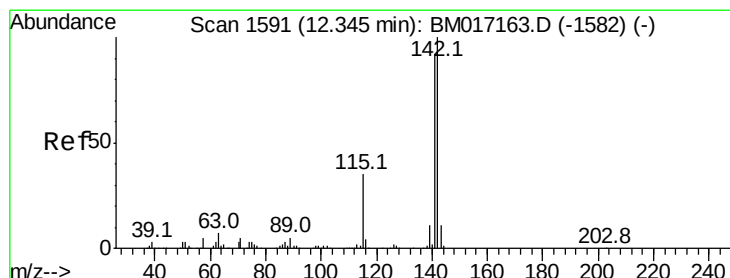
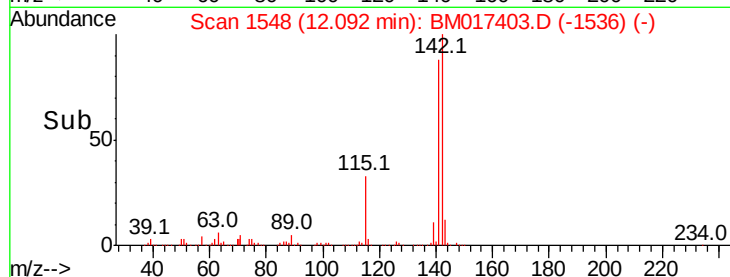
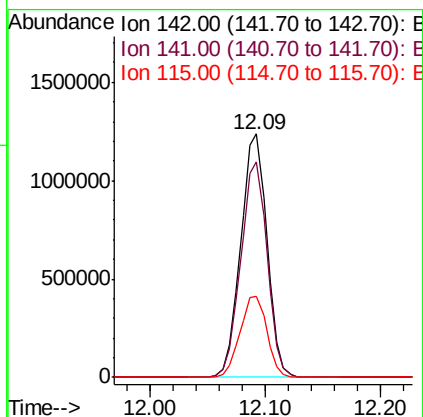
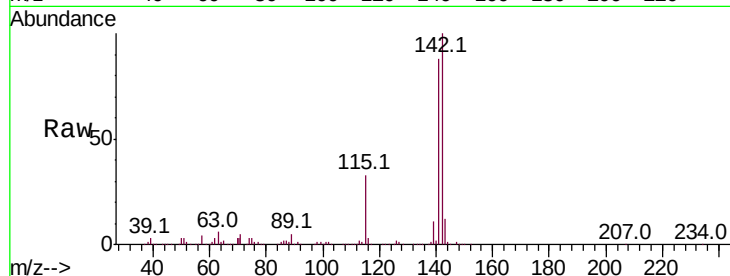


#37
 2-Methylnaphthalene
 Concen: 46.747 ng
 RT: 12.09 min Scan# 1548
 Delta R.T. -0.03 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:142 Resp: 1955421

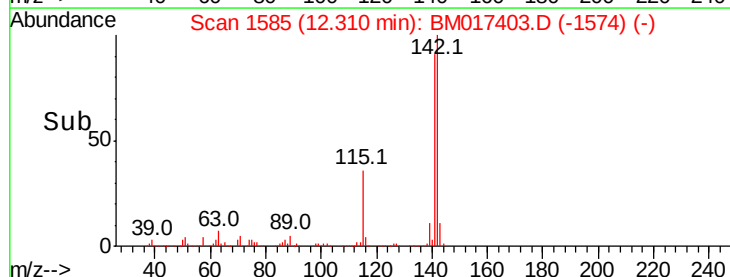
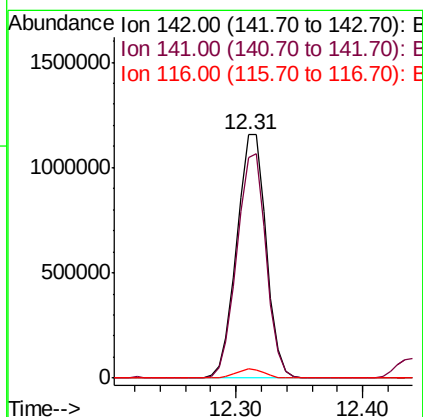
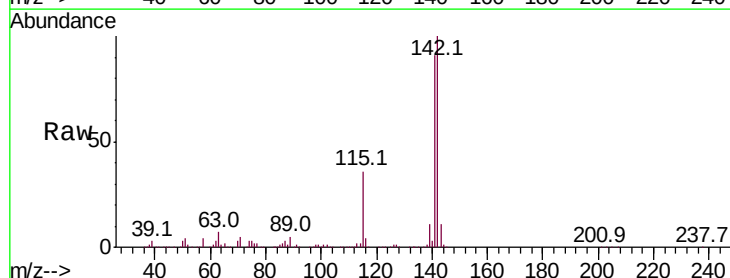
Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.9	106.3
115	33.5	26.4	39.6

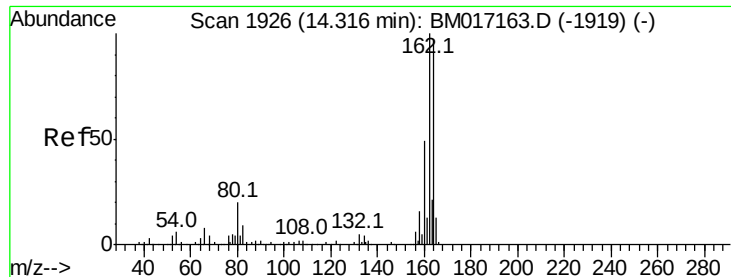


#38
 1-Methylnaphthalene
 Concen: 45.598 ng
 RT: 12.31 min Scan# 1585
 Delta R.T. -0.04 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Tgt Ion:142 Resp: 1856422

Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.8	110.6
116	3.9	2.9	4.3

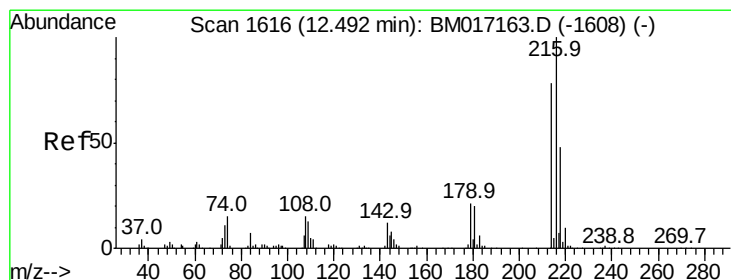
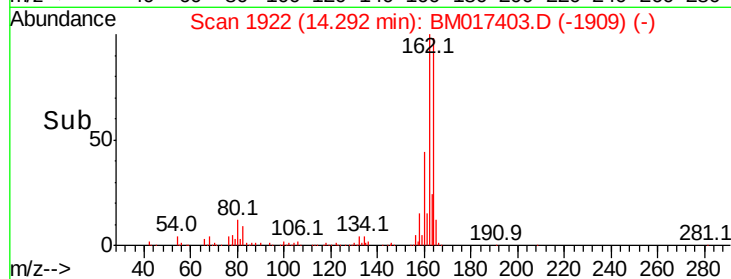
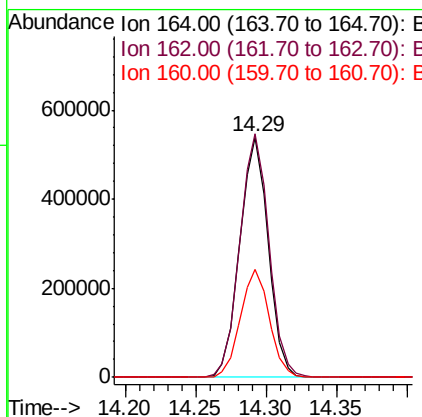
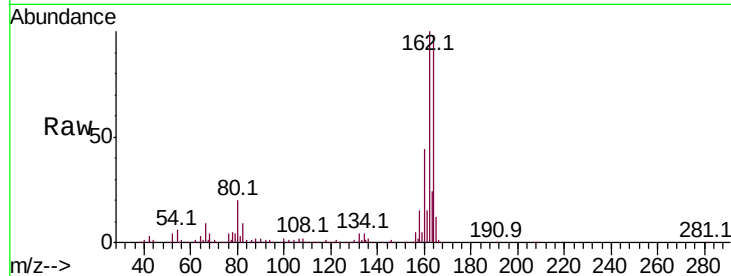




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

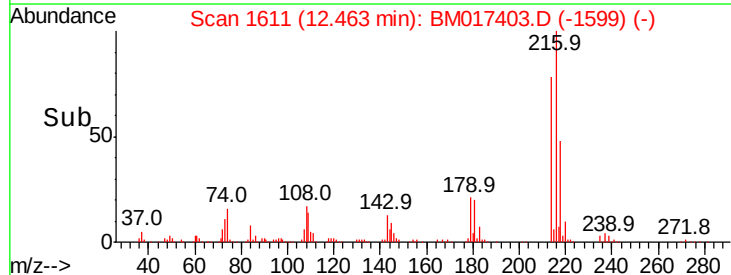
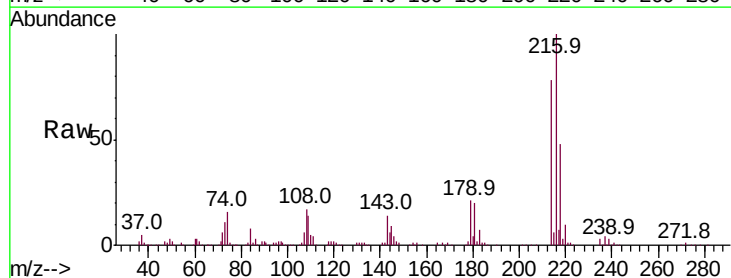
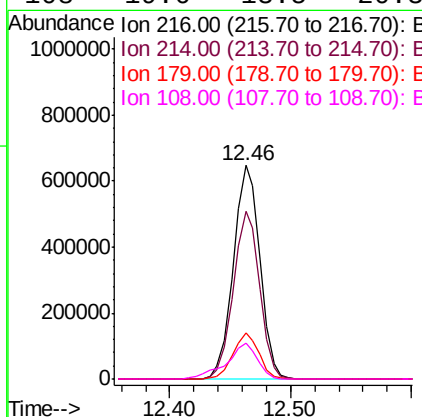
Instrument :
BNA_M
ClientSampleId :

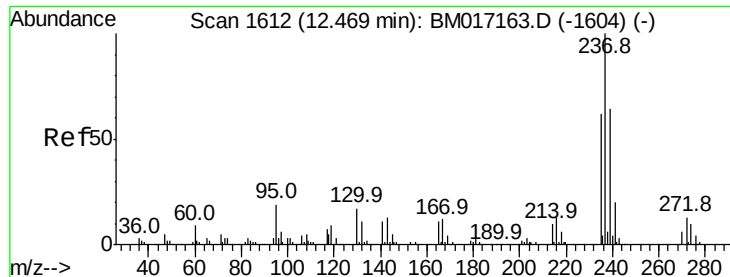
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.1	123.1
160	44.9	40.2	60.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.933 ng
RT: 12.46 min Scan# 1611
Delta R.T. -0.03 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.6	93.8
179	20.9	16.6	24.8
108	19.6	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 95.276 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.03 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

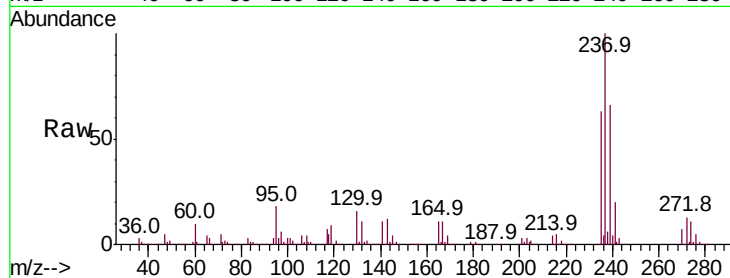
Instrument :

BNA_M

ClientSampled :

Tot Ion:237 Resp: 1230979

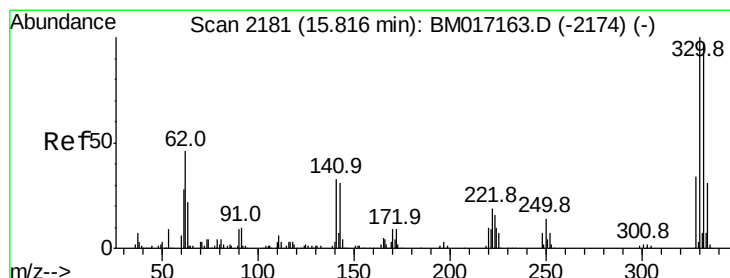
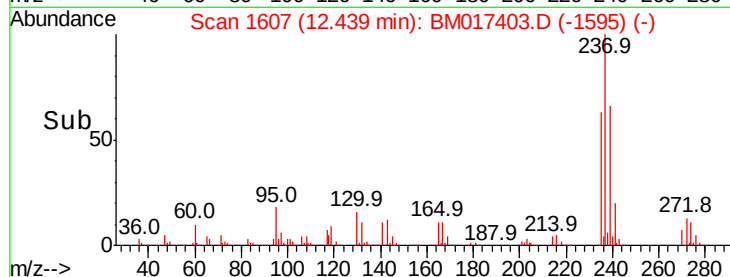
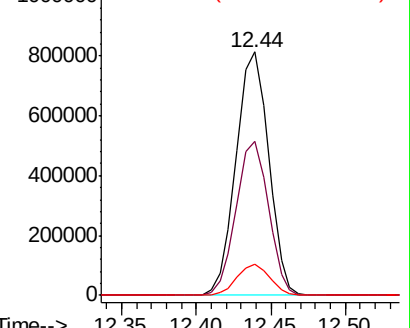
Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.4	82.4
272	13.0	0.0	33.0



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: 123.012 ng

RT: 15.79 min Scan# 2177

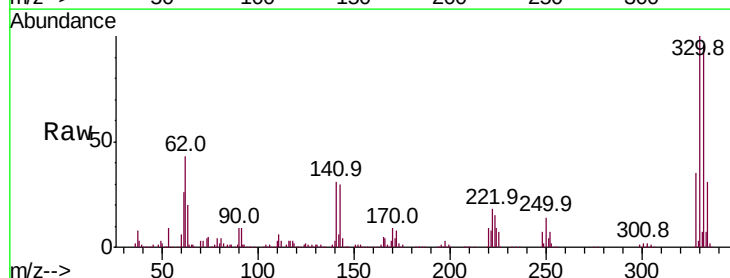
Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Tgt Ion:330 Resp: 1262457

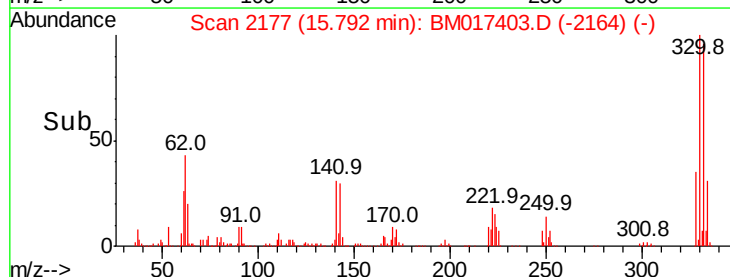
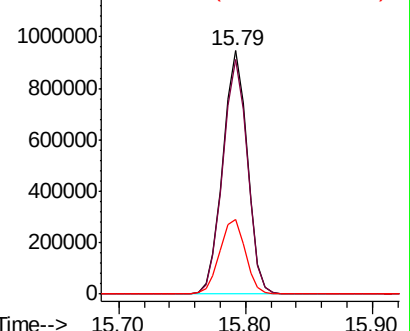
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	31.9	27.4	41.0

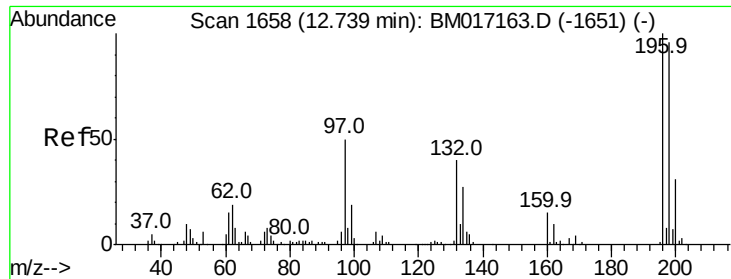


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

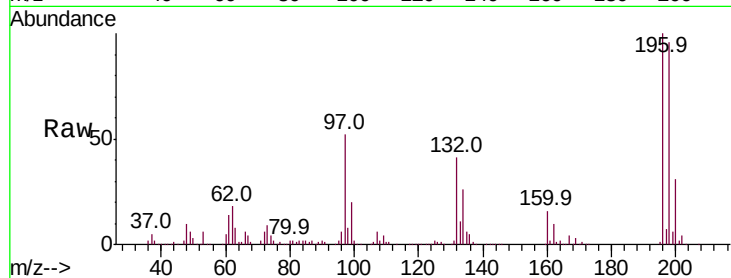




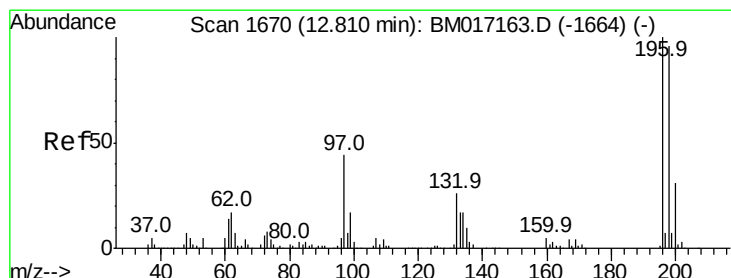
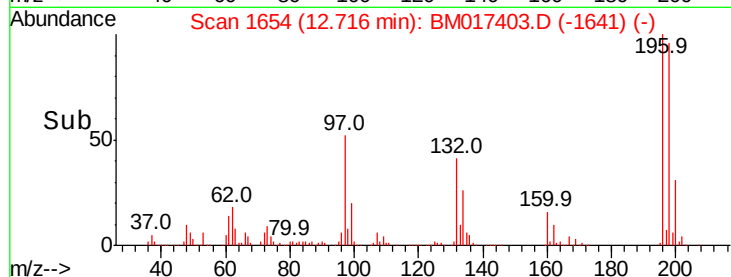
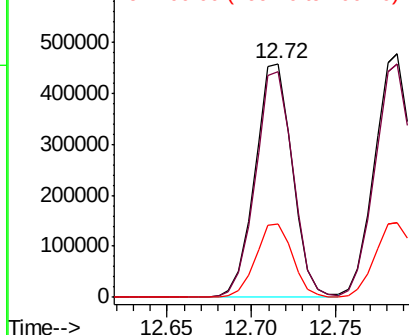
#43
 2,4,6-Trichlorophenol
 Concen: 45.398 ng
 RT: 12.72 min Scan# 1654
 Delta R.T. -0.02 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:196 Resp: 704312
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.1 115.7
 200 31.5 25.0 37.4

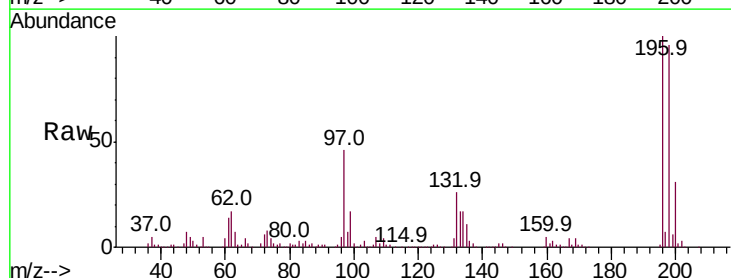


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

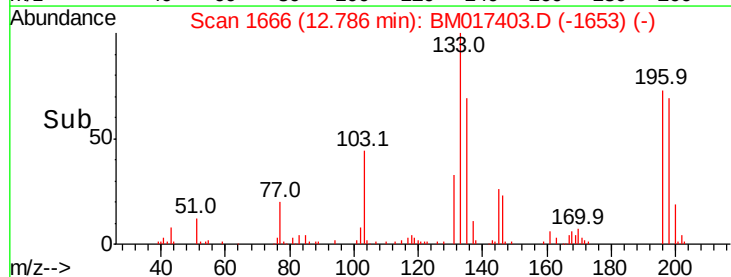
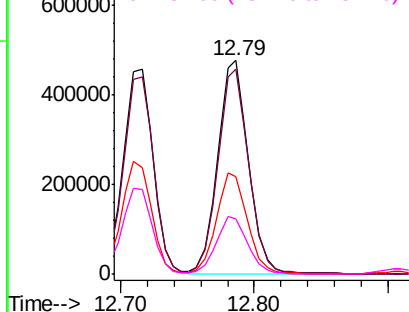


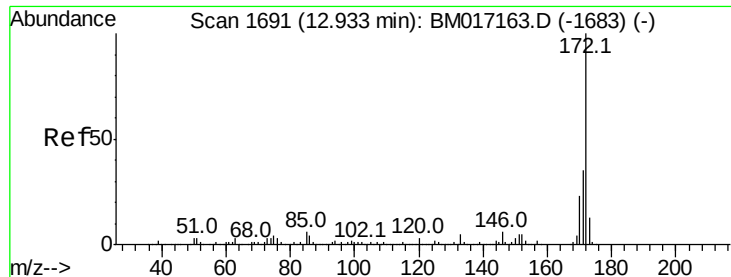
#44
 2,4,5-Trichlorophenol
 Concen: 45.930 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Tgt Ion:196 Resp: 764118
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.6 115.0
 97 45.7 35.5 53.3
 132 26.1 20.7 31.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

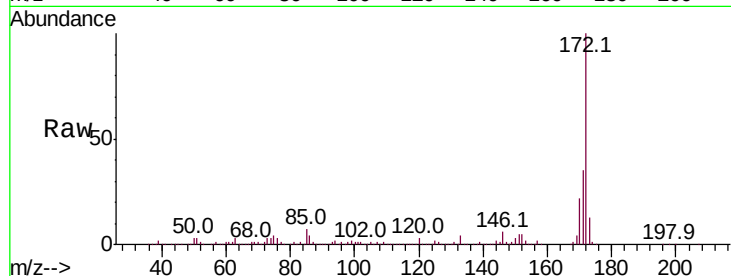




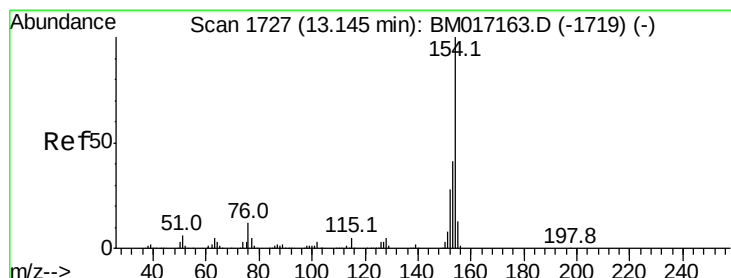
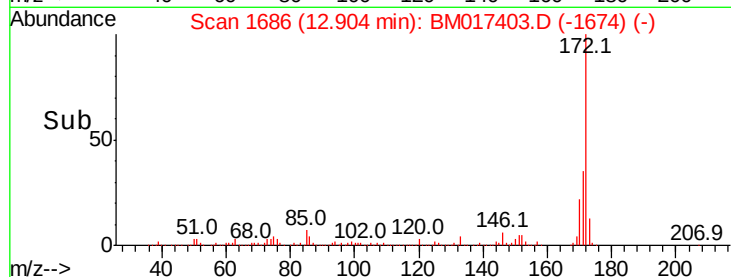
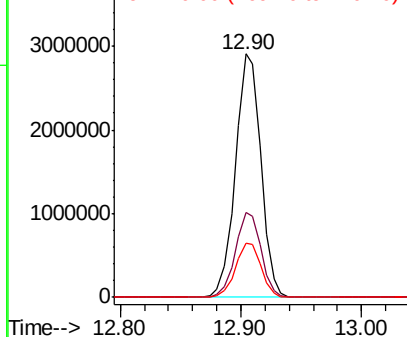
#45
2-Fluorobiphenyl
Concen: 74.793 ng
RT: 12.90 min Scan# 1686
Delta R.T. -0.03 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 4265939
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.1 18.3 27.5

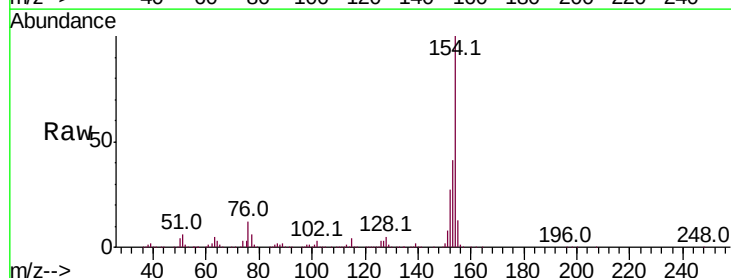


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

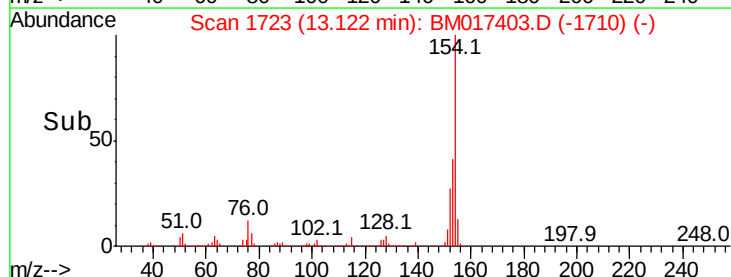
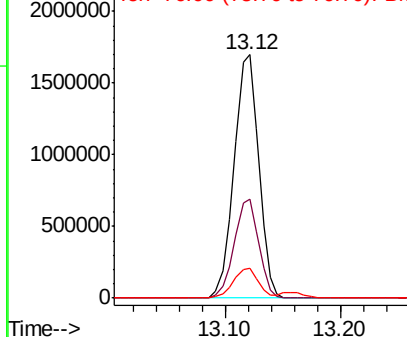


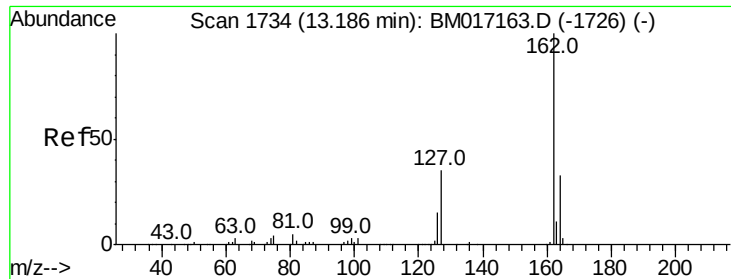
#46
1,1'-Biphenyl
Concen: 36.826 ng
RT: 13.12 min Scan# 1723
Delta R.T. -0.02 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion:154 Resp: 2514932
Ion Ratio Lower Upper
154 100
153 40.7 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

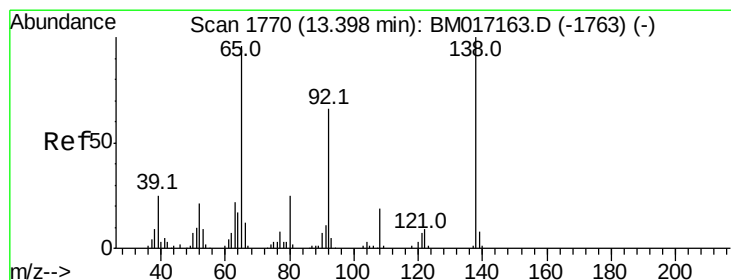
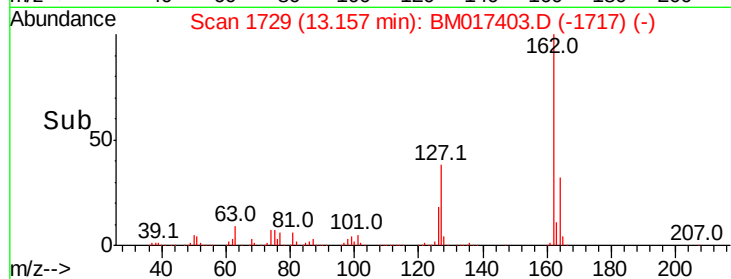
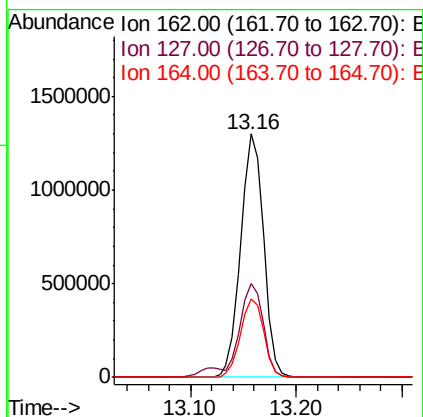
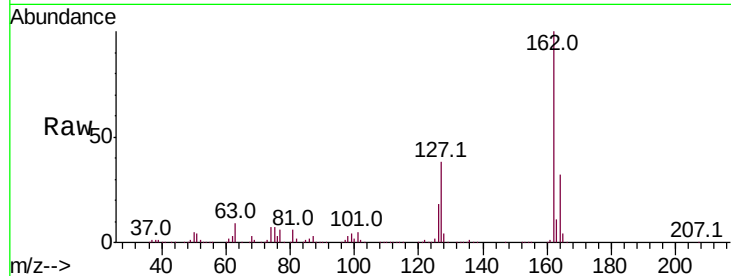




#47
2-Chloronaphthalene
Concen: 38.808 ng
RT: 13.16 min Scan# 1729
Delta R.T. -0.03 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

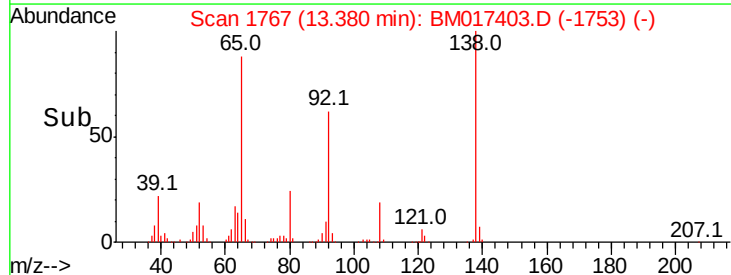
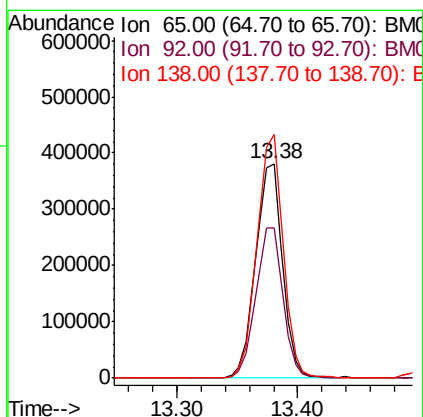
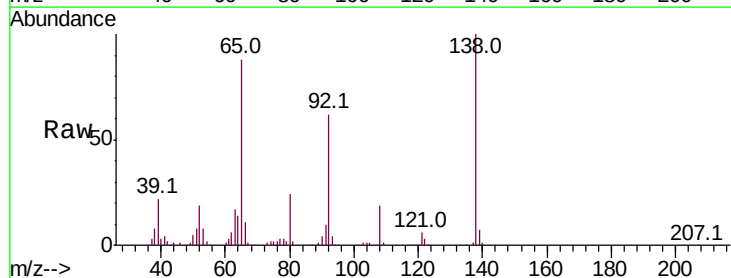
Instrument :
BNA_M
ClientSampleId :

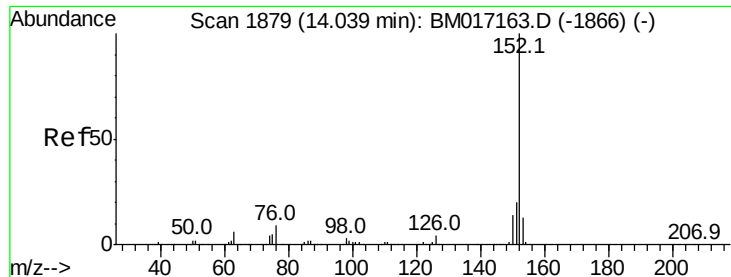
Tot Ion:162 Resp: 1949729
Ion Ratio Lower Upper
162 100
127 38.5 31.0 46.4
164 32.4 26.6 39.8



#48
2-Nitroaniline
Concen: 42.636 ng
RT: 13.38 min Scan# 1767
Delta R.T. -0.02 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion: 65 Resp: 594939
Ion Ratio Lower Upper
65 100
92 70.1 54.9 82.3
138 113.4 83.7 125.5





#49

Acenaphthylene

Concen: 44.325 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.03 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampled :

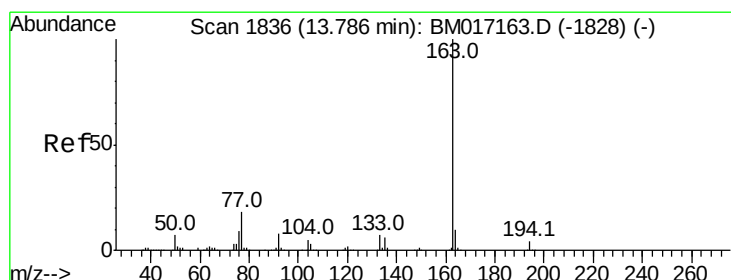
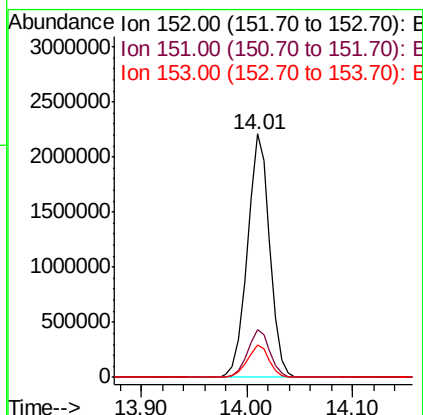
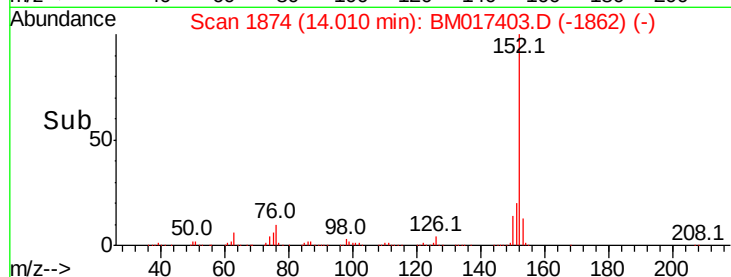
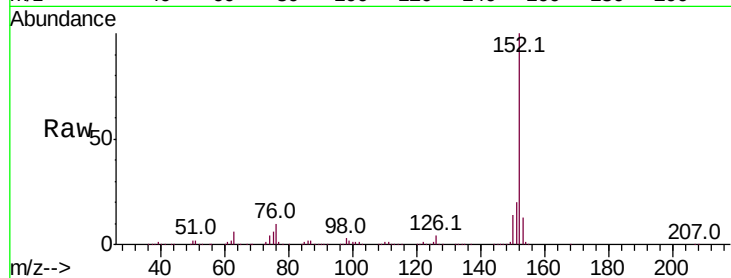
Tot Ion:152 Resp: 3227891

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 42.563 ng

RT: 13.76 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

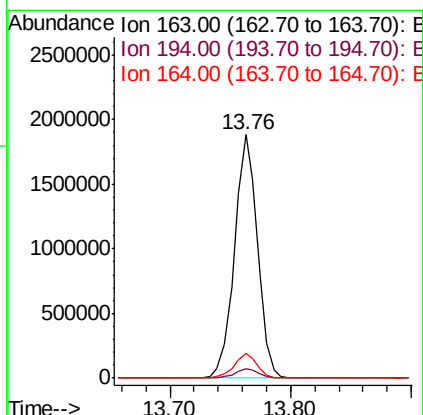
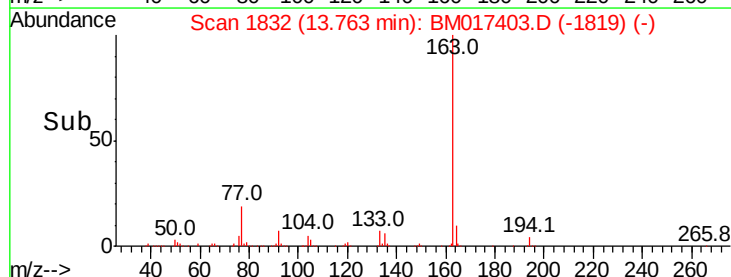
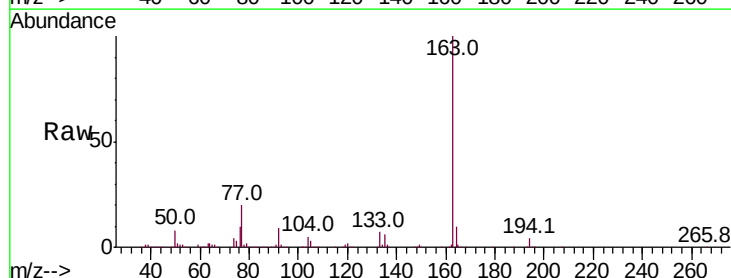
Tgt Ion:163 Resp: 2491995

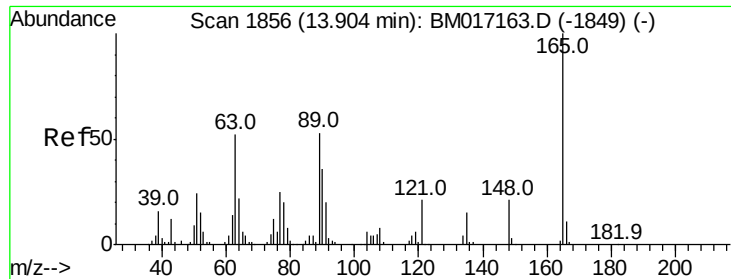
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.0 7.8 11.8

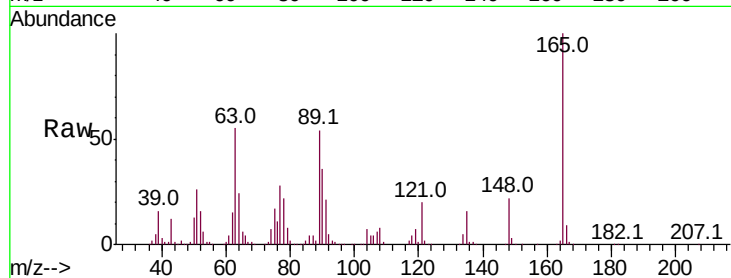




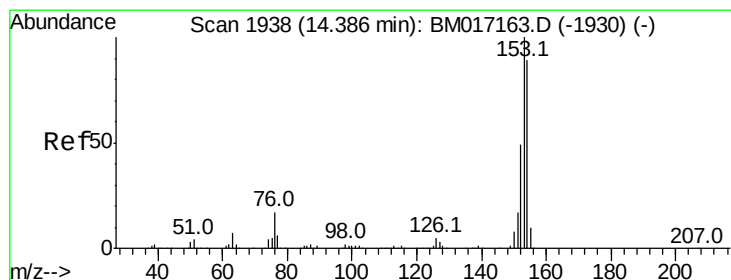
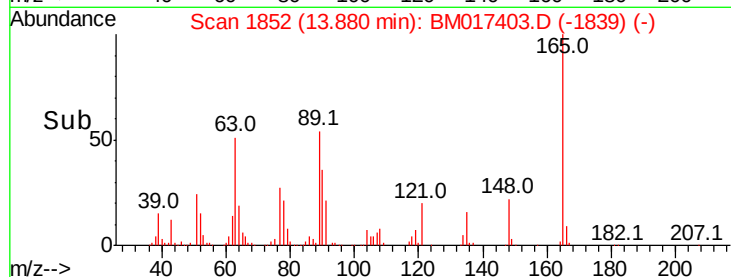
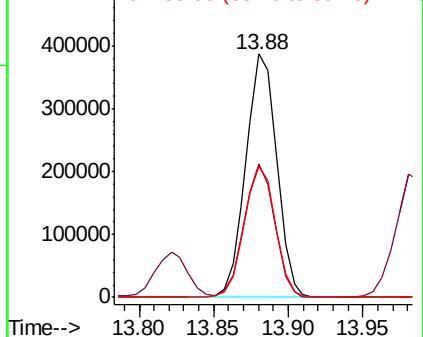
#51
2,6-Dinitrotoluene
Concen: 43.002 ng
RT: 13.88 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 554144
Ion Ratio Lower Upper
165 100
63 54.9 42.7 64.1
89 53.7 42.1 63.1

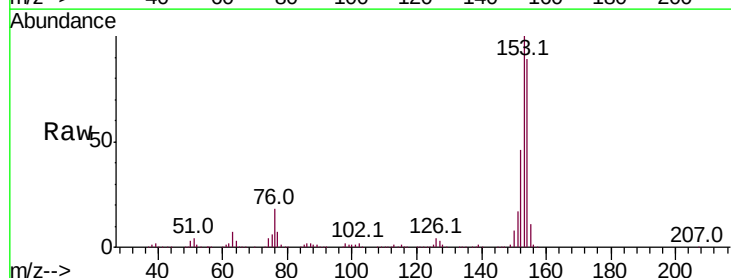


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

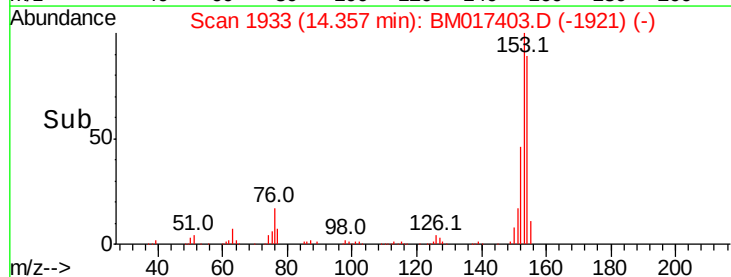
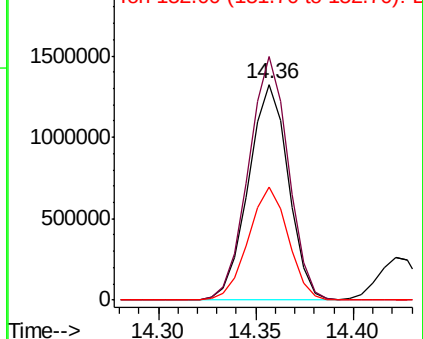


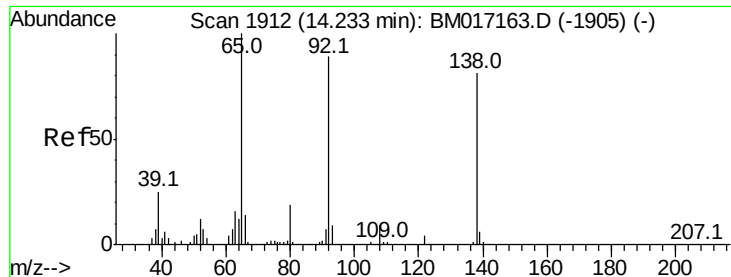
#52
Acenaphthene
Concen: 41.088 ng
RT: 14.36 min Scan# 1933
Delta R.T. -0.03 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion:154 Resp: 1878713
Ion Ratio Lower Upper
154 100
153 112.8 90.2 135.2
152 52.4 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

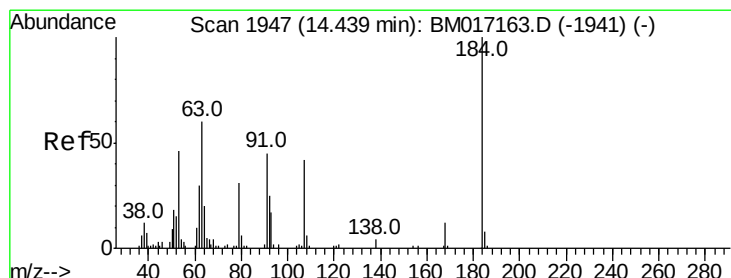
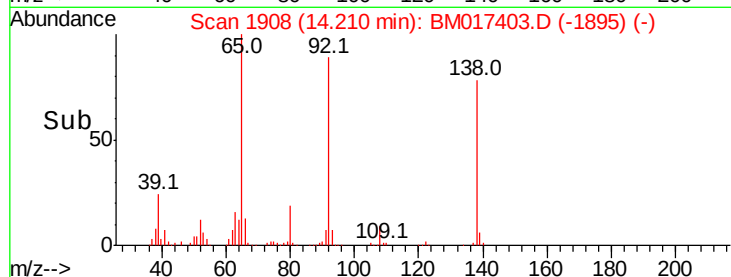
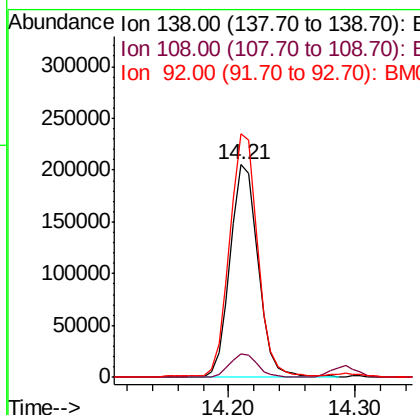
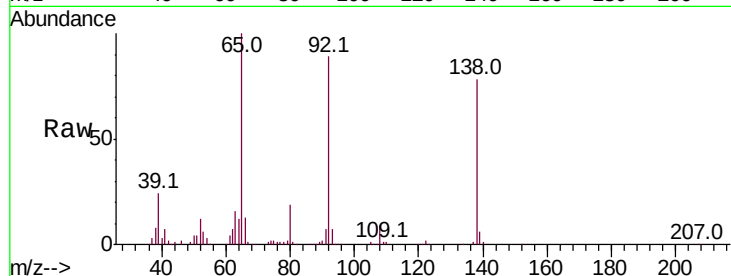




#53
3-Nitroaniline
Concen: 22.501 ng
RT: 14.21 min Scan# 1908
Delta R.T. -0.02 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

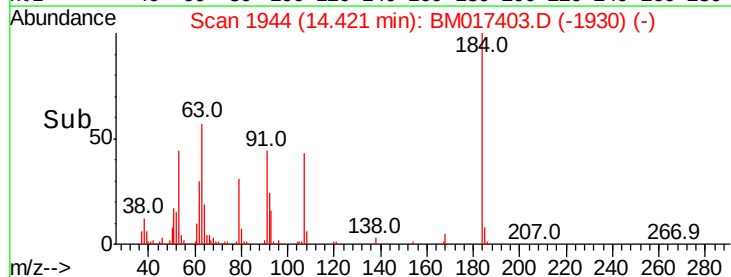
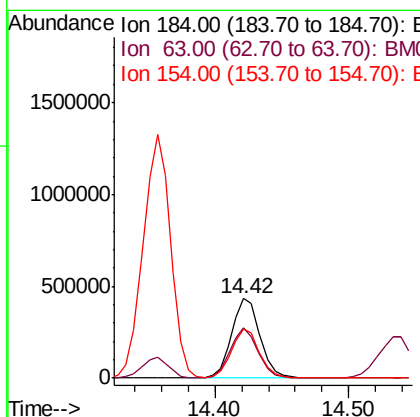
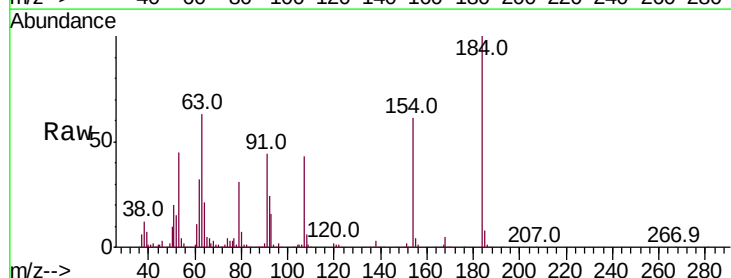
Instrument :
BNA_M
ClientSampleId :

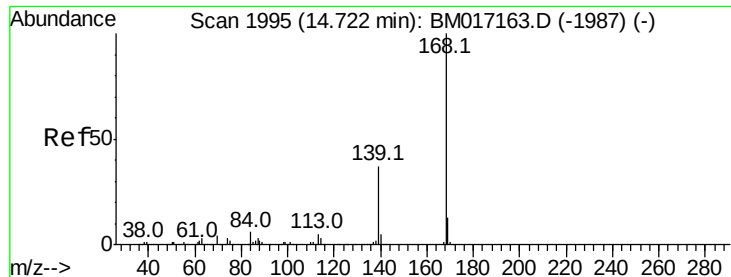
Tot Ion:138 Resp: 314043
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 114.4 87.9 131.9



#54
2,4-Dinitrophenol
Concen: 84.554 ng
RT: 14.42 min Scan# 1944
Delta R.T. -0.02 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion:184 Resp: 643164
Ion Ratio Lower Upper
184 100
63 63.0 51.2 76.8
154 61.3 47.8 71.8

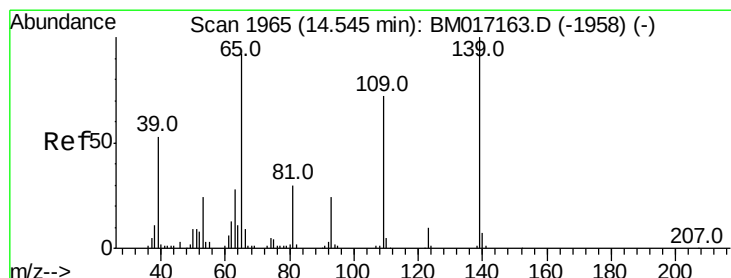
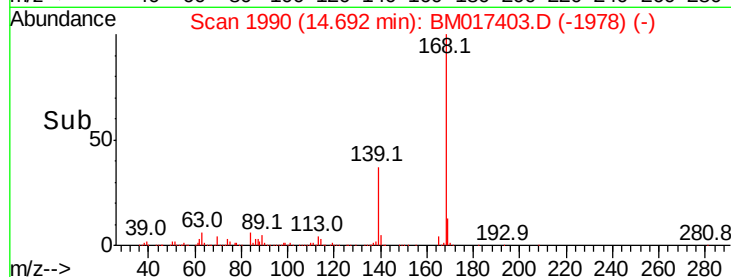
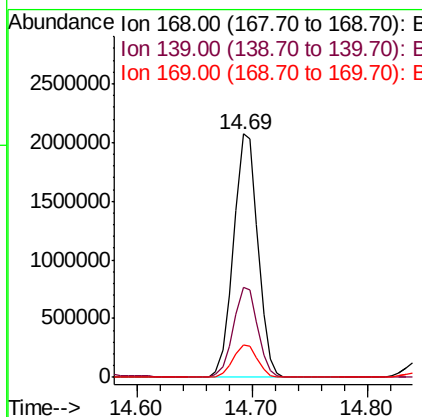
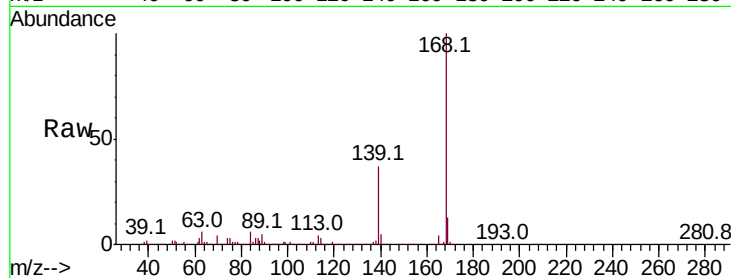




#55
Dibenzofuran
Concen: 39.789 ng
RT: 14.69 min Scan# 1990
Delta R.T. -0.03 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

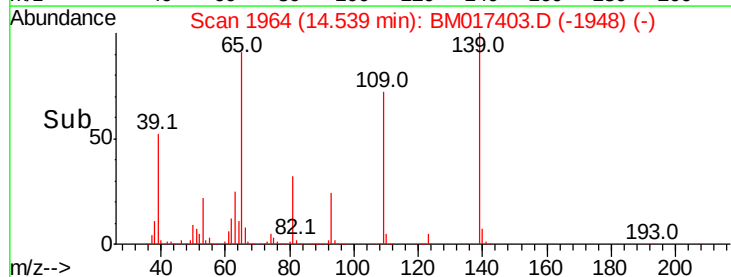
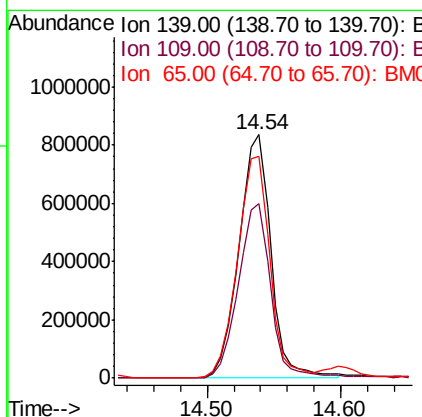
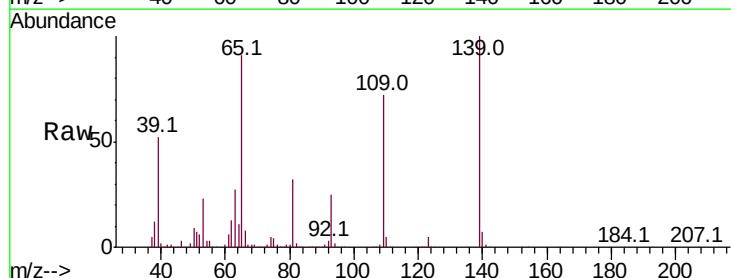
Instrument :
BNA_M
ClientSampled :

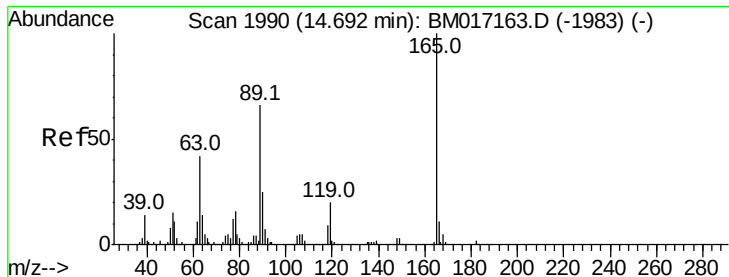
Tot Ion:168 Resp: 3025424
Ion Ratio Lower Upper
168 100
139 36.9 29.3 43.9
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 107.235 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion:139 Resp: 1385723
Ion Ratio Lower Upper
139 100
109 71.8 51.8 91.8
65 91.3 72.1 112.1

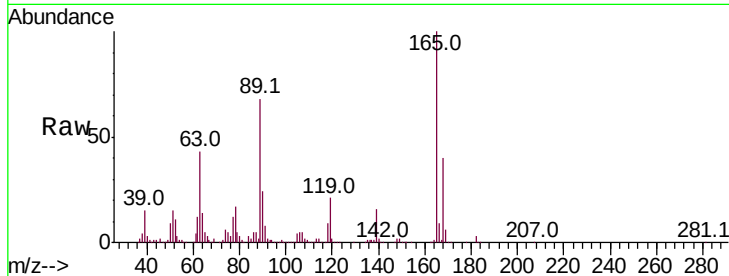




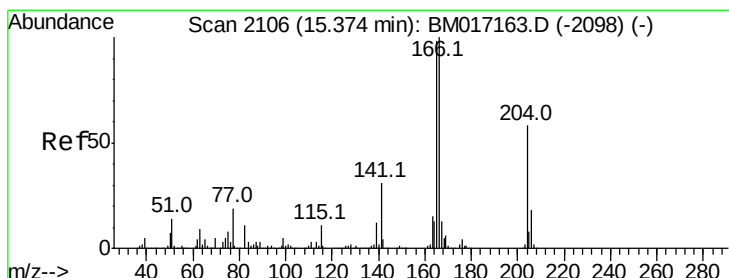
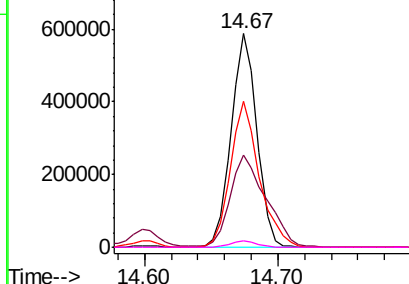
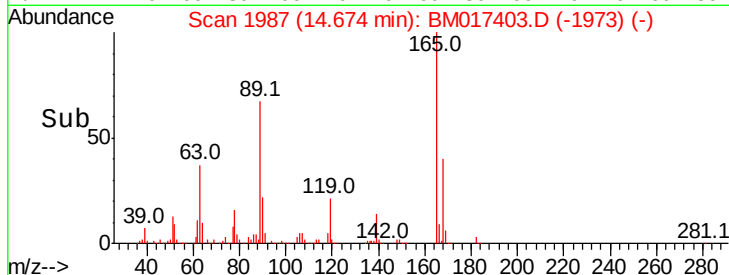
#57
 2,4-Dinitrotoluene
 Concen: 45.847 ng
 RT: 14.67 min Scan# 1987
 Delta R.T. -0.02 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165	Resp:	794059
Ion	Ratio	Lower Upper
165	100	
63	43.0	33.8 50.8
89	68.3	53.1 79.7
182	3.1	2.0 3.0#

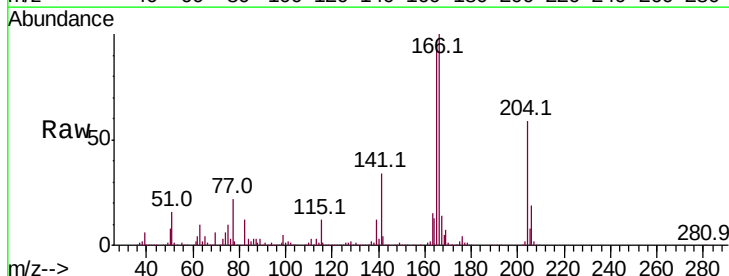


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

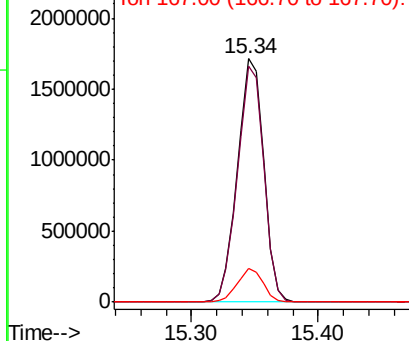
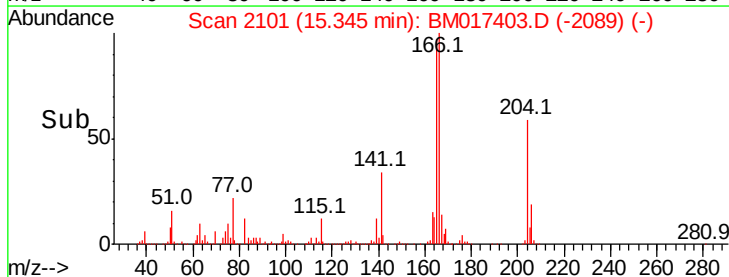


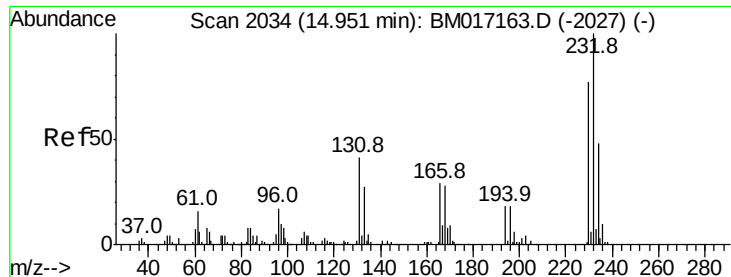
#58
 Fluorene
 Concen: 43.639 ng
 RT: 15.34 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Tgt Ion:166	Resp:	2456094
Ion	Ratio	Lower Upper
166	100	
165	97.0	78.1 117.1
167	13.8	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

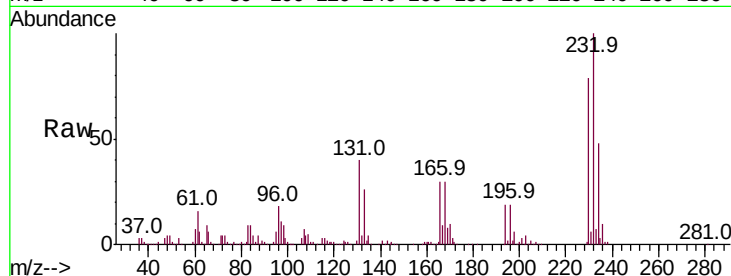




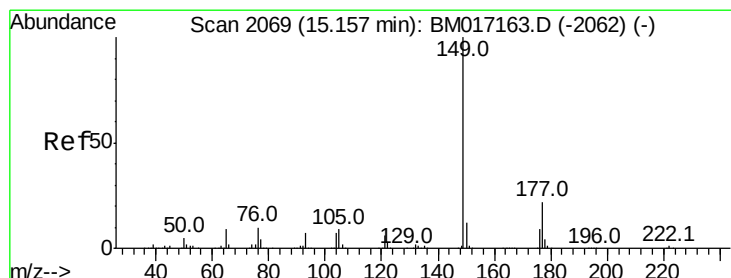
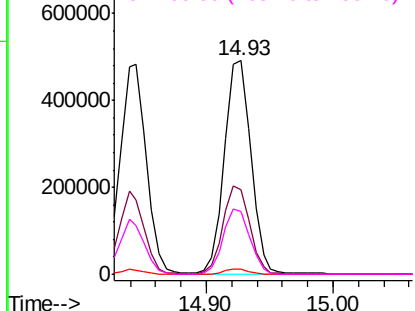
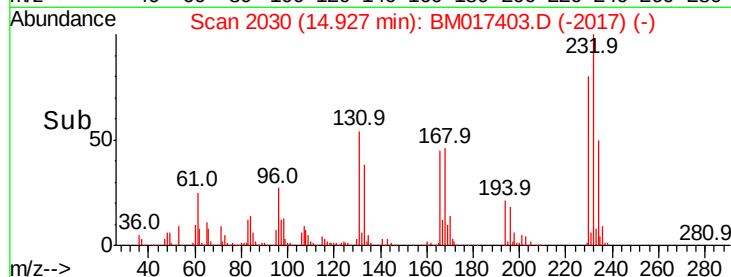
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.064 ng
RT: 14.93 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion:232 Resp: 713718
Ion Ratio Lower Upper
232 100
131 41.7 33.1 49.7
130 2.3 1.7 2.5
166 31.0 24.4 36.6

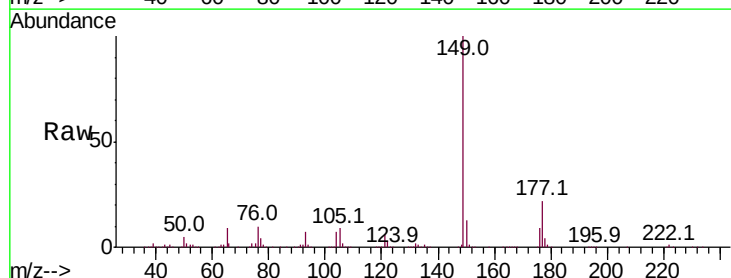


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

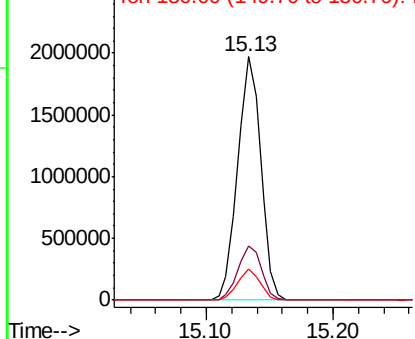
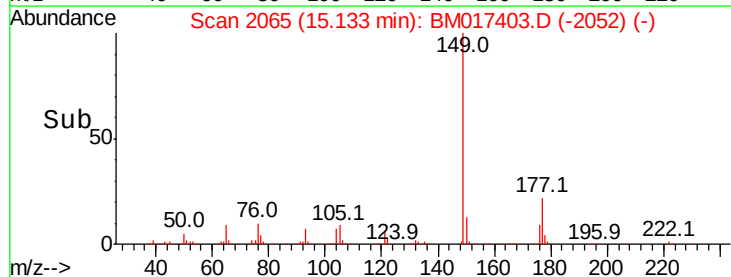


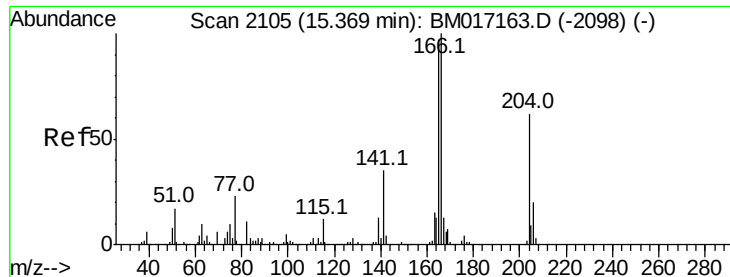
#60
Diethylphthalate
Concen: 42.878 ng
RT: 15.13 min Scan# 2065
Delta R.T. -0.02 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion:149 Resp: 2489663
Ion Ratio Lower Upper
149 100
177 22.0 17.7 26.5
150 12.7 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

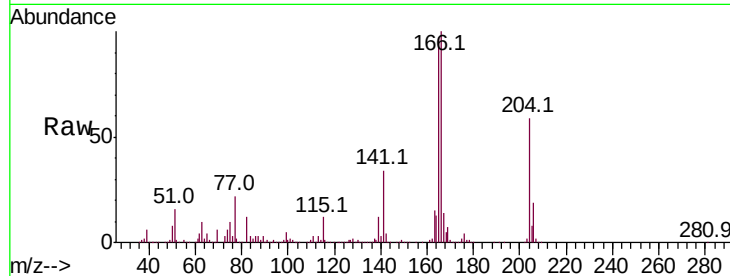




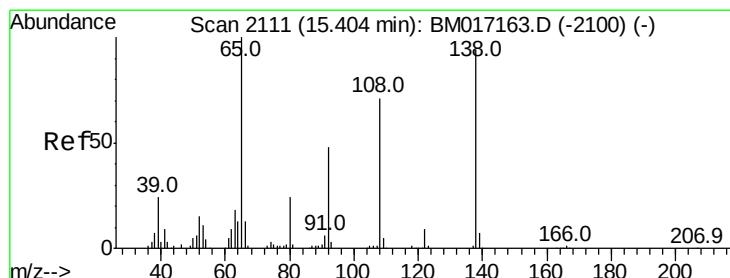
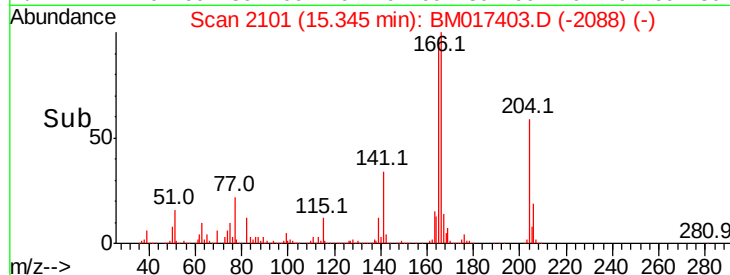
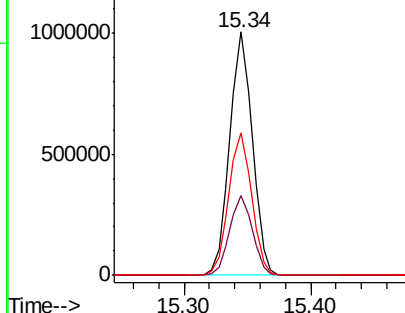
#61
4-Chlorophenyl-phenylether
Concen: 38.660 ng
RT: 15.34 min Scan# 2101
Delta R.T. -0.02 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 1240422
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 58.5 45.4 68.2

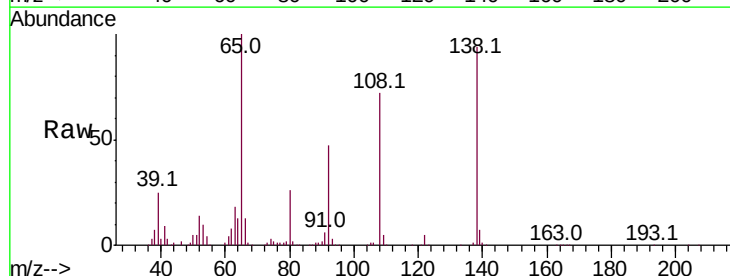


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

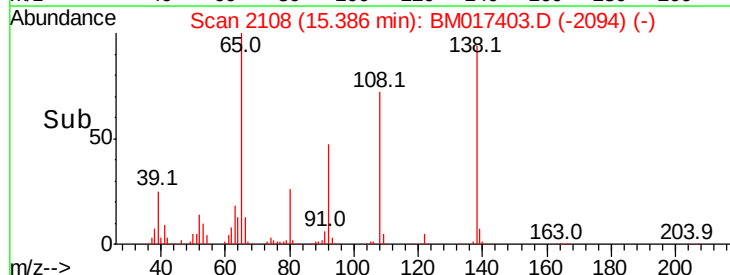
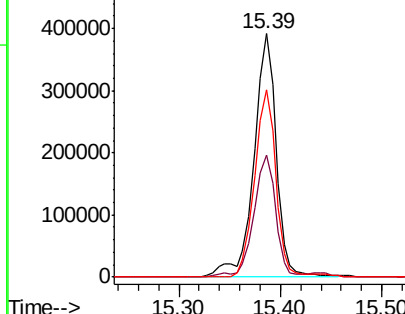


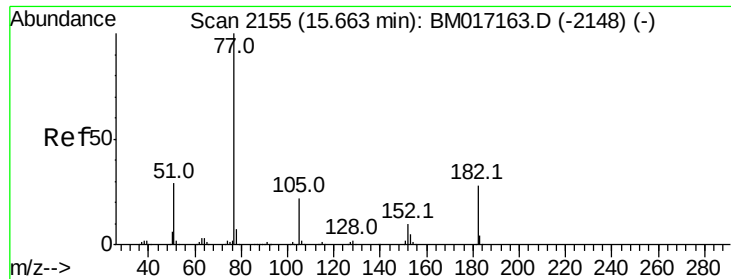
#62
4-Nitroaniline
Concen: 39.685 ng
RT: 15.39 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion:138 Resp: 603874
Ion Ratio Lower Upper
138 100
92 50.4 31.2 71.2
108 76.9 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

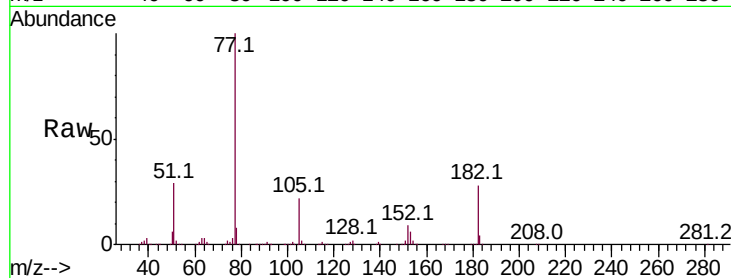




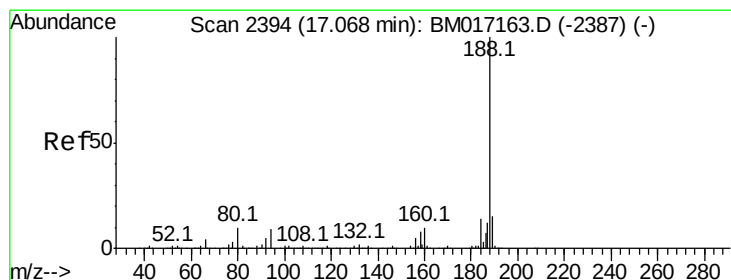
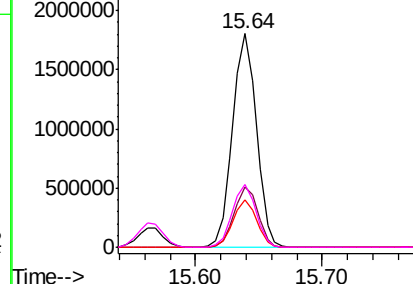
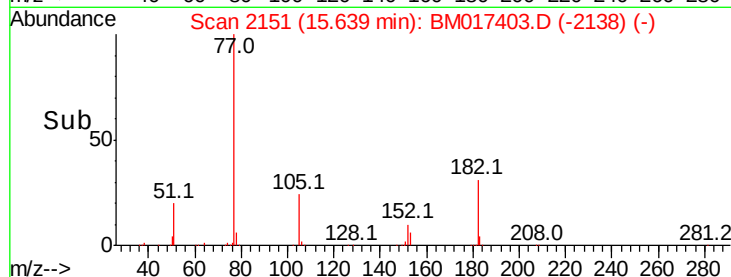
#63
Azobenzene
Concen: 41.506 ng
RT: 15.64 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 2342485
Ion Ratio Lower Upper
77 100
182 28.1 8.3 48.3
105 22.2 1.5 41.5
51 29.5 8.8 48.8

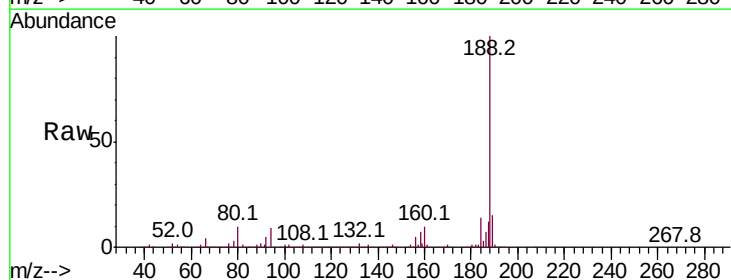


Abundance Ion 77.00 (76.70 to 77.70): BM017403.D (-2148) (-)
Ion 182.00 (181.70 to 182.70): BM017403.D (-2148) (-)
Ion 105.00 (104.70 to 105.70): BM017403.D (-2148) (-)
Ion 51.00 (50.70 to 51.70): BM017403.D (-2148) (-)

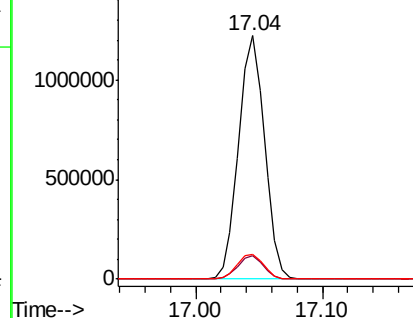
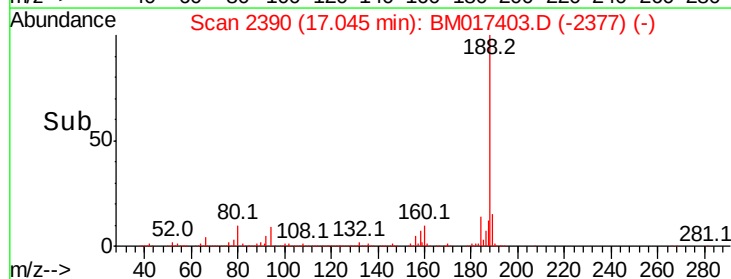


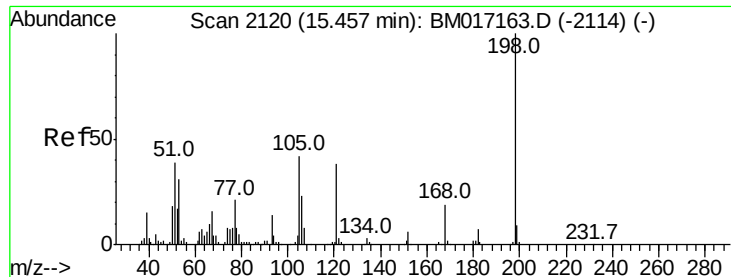
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. -0.02 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion: 188 Resp: 1732083
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.4
80 10.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BM017403.D (-2387) (-)
Ion 94.00 (93.70 to 94.70): BM017403.D (-2387) (-)
Ion 80.00 (79.70 to 80.70): BM017403.D (-2387) (-)

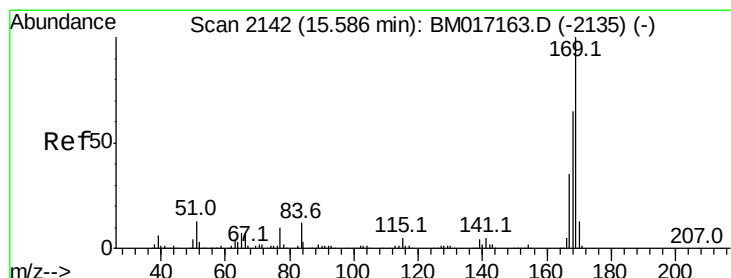
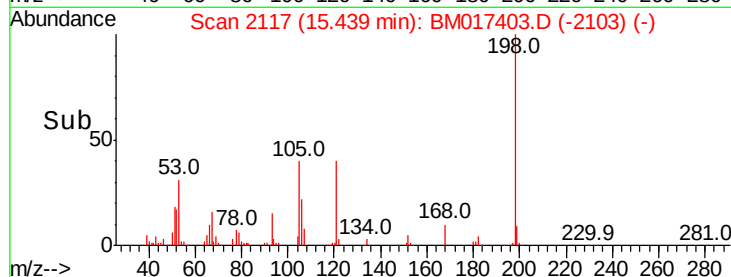
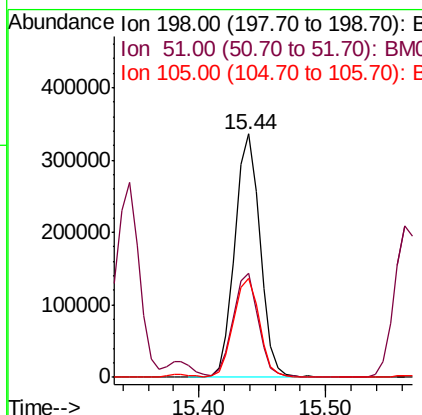
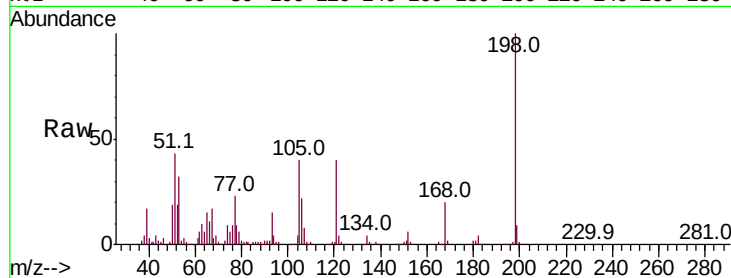




#65
4,6-Dinitro-2-methylphenol
Concen: 42.512 ng
RT: 15.44 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

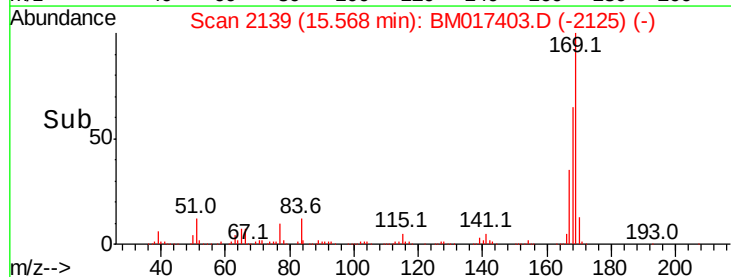
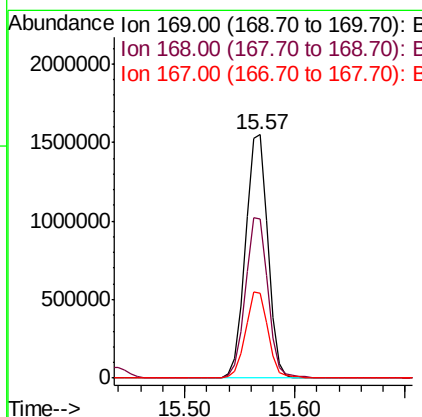
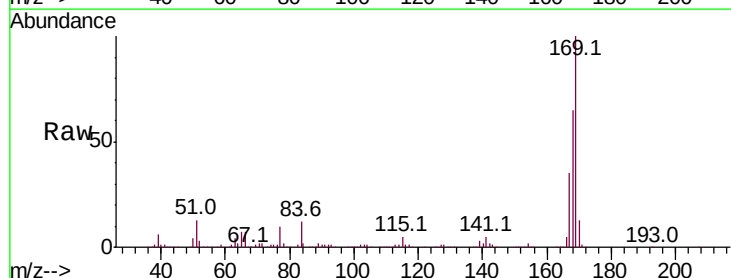
Instrument :
BNA_M
ClientSampleId :

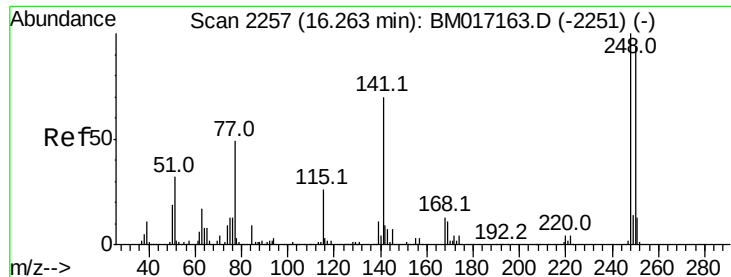
Tot Ion	Ratio	Lower	Upper
198	100		
51	42.9	20.3	60.3
105	40.5	21.9	61.9



#66
n-Nitrosodiphenylamine
Concen: 42.098 ng
RT: 15.57 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.5	52.2	78.4
167	34.8	28.4	42.6

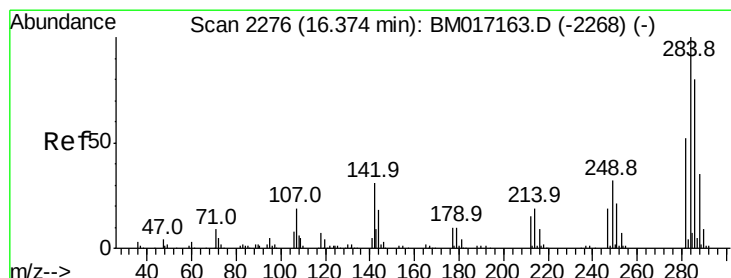
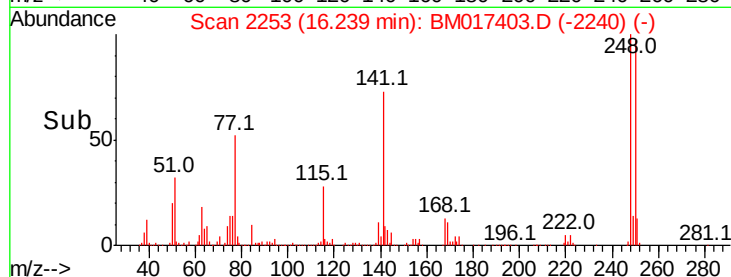
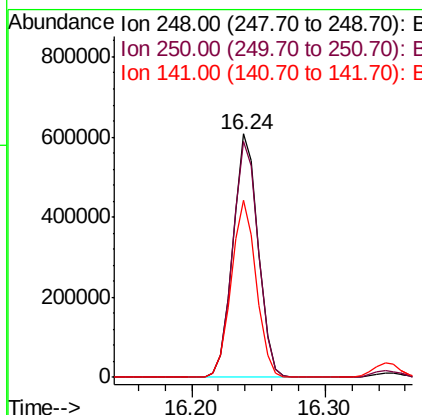
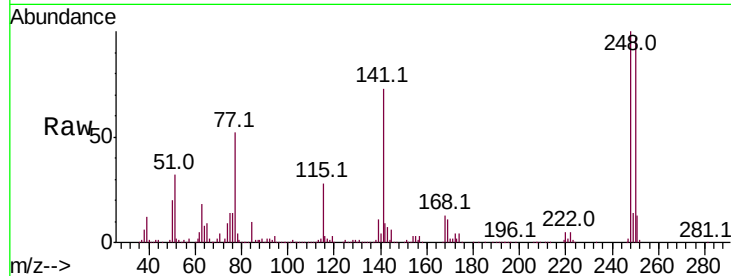




#67
 4-Bromophenyl-phenylether
 Concen: 42.167 ng
 RT: 16.24 min Scan# 2253
 Delta R.T. -0.02 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

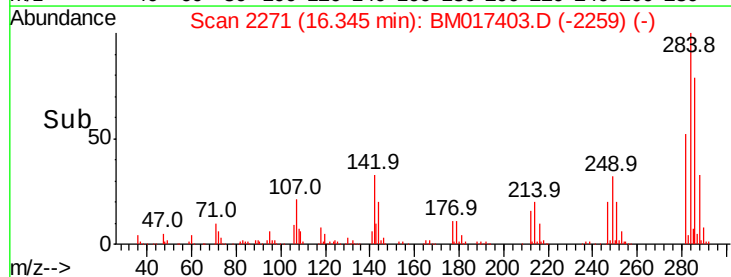
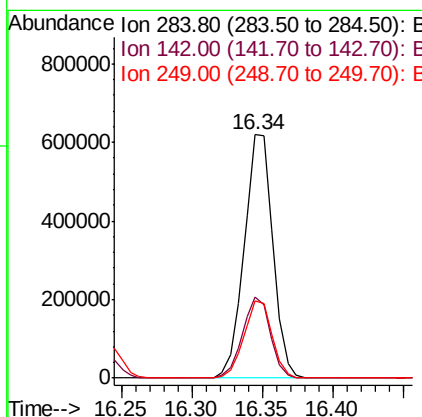
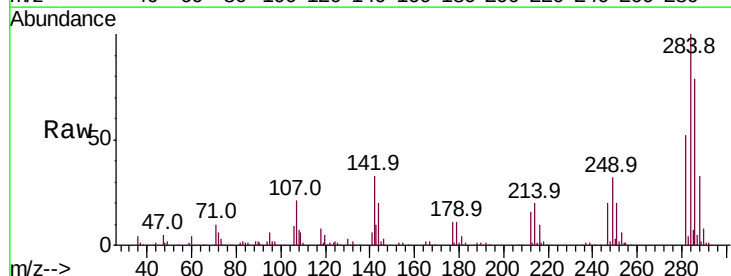
Instrument :
 BNA_M
 ClientSampleId :

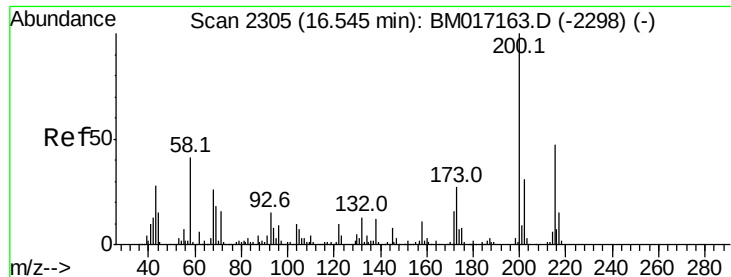
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	75.1	112.7
141	72.6	55.6	83.4



#68
 Hexachlorobenzene
 Concen: 39.831 ng
 RT: 16.34 min Scan# 2271
 Delta R.T. -0.03 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.4	25.0	37.6
249	31.6	25.5	38.3





#69

Atrazine

Concen: 42.948 ng

RT: 16.53 min Scan# 2302

Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampleId :

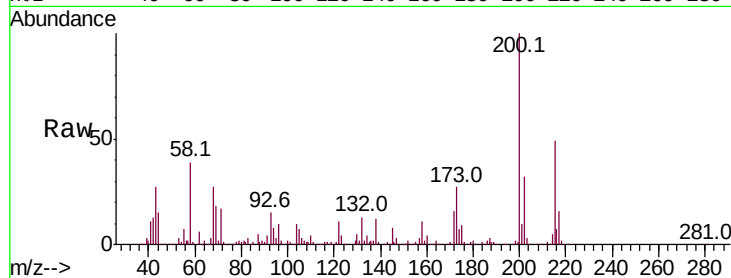
Tot Ion:200 Resp: 805511

Ion Ratio Lower Upper

200 100

173 26.9 7.0 47.0

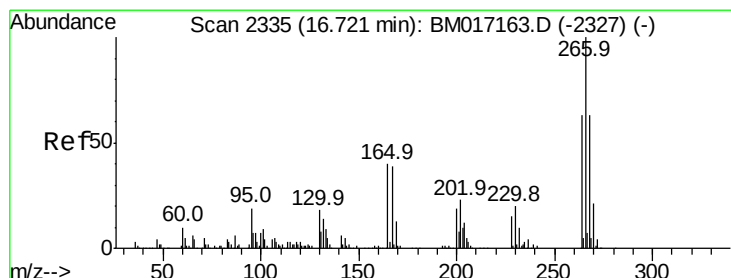
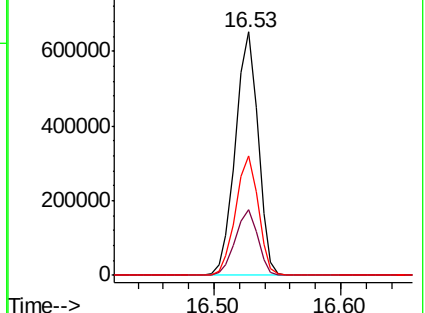
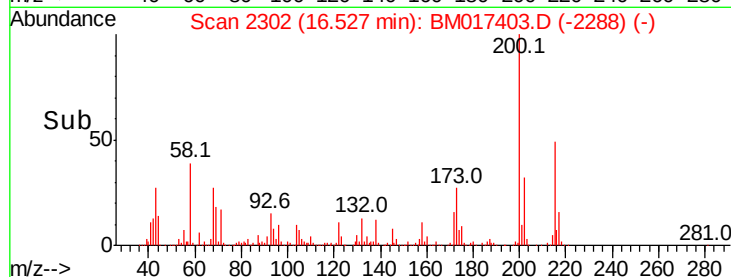
215 48.9 27.3 67.3



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: 73.005 ng

RT: 16.70 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

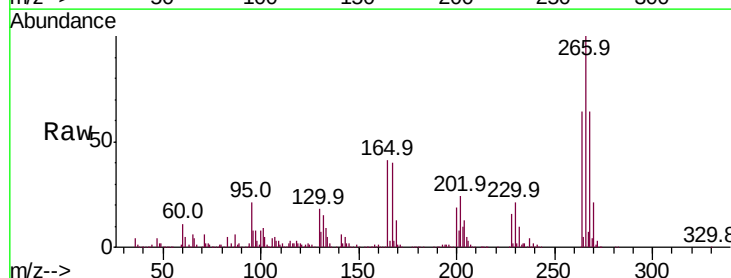
Tgt Ion:266 Resp: 1104821

Ion Ratio Lower Upper

266 100

268 63.8 50.7 76.1

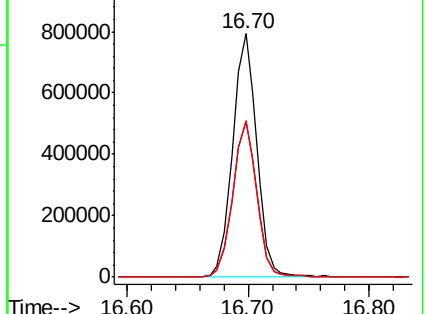
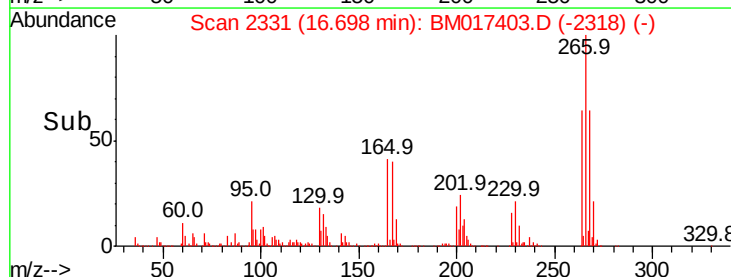
264 64.4 50.4 75.6

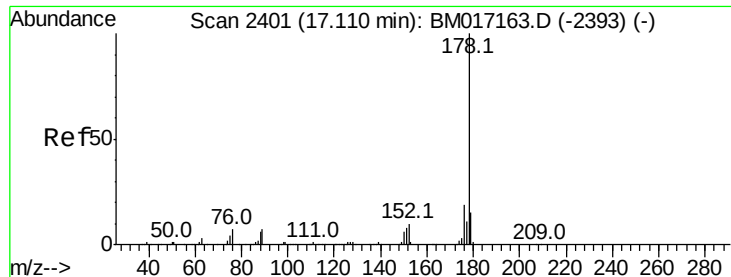


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

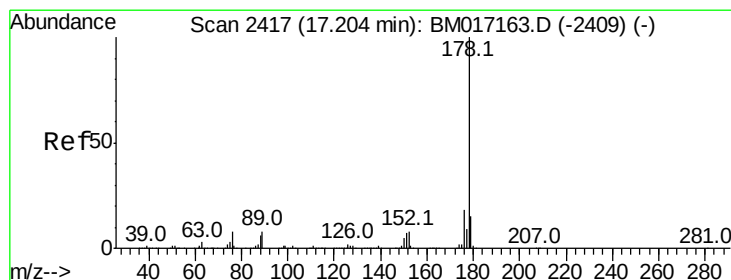
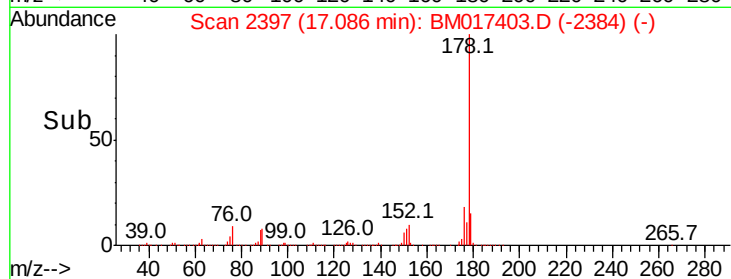
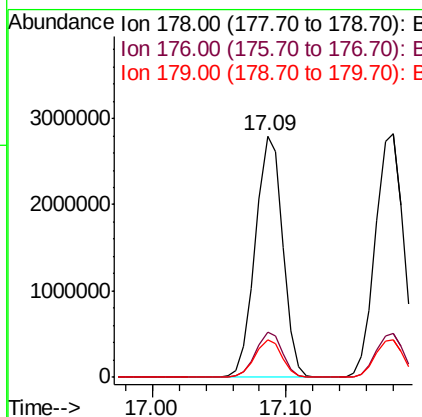
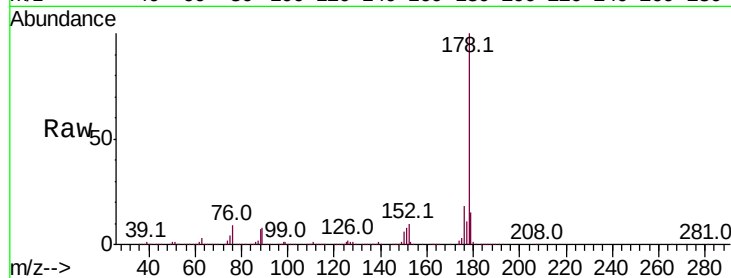




#71
Phenanthrene
Concen: 42.189 ng
RT: 17.09 min Scan# 2397
Delta R.T. -0.02 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

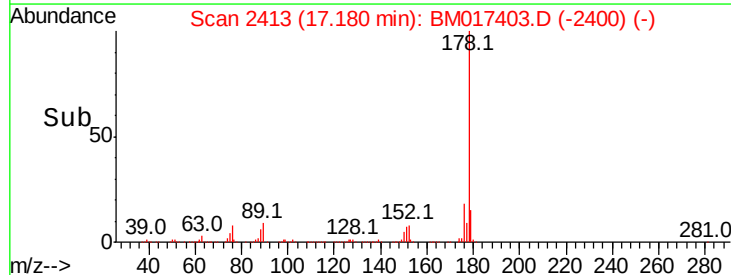
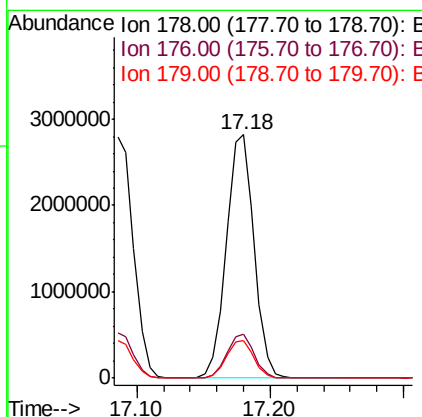
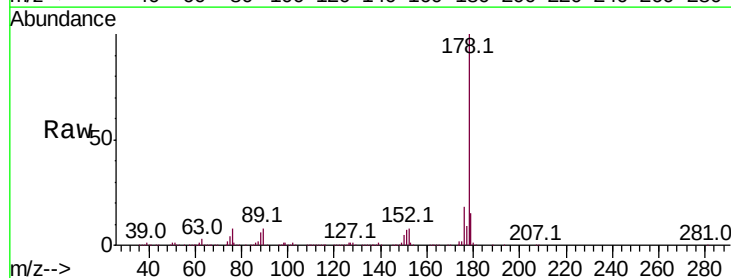
Instrument :
BNA_M
ClientSampleId :

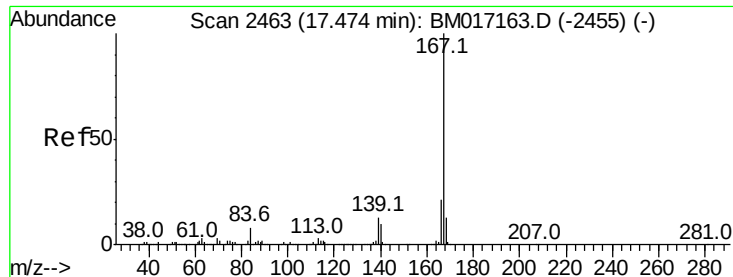
Tot Ion:178 Resp: 3942661
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.5 12.3 18.5



#72
Anthracene
Concen: 46.049 ng
RT: 17.18 min Scan# 2413
Delta R.T. -0.02 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion:178 Resp: 4088935
Ion Ratio Lower Upper
178 100
176 18.0 14.5 21.7
179 15.4 12.2 18.2



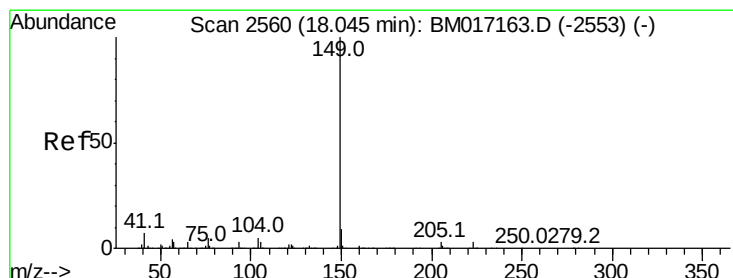
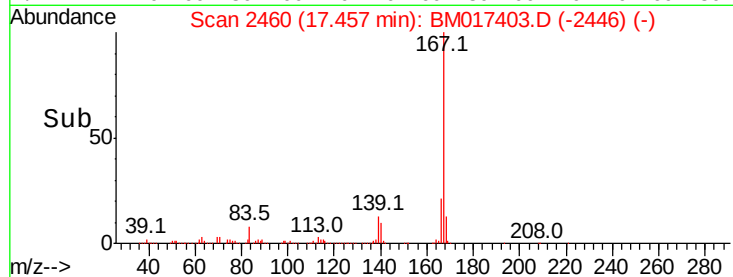
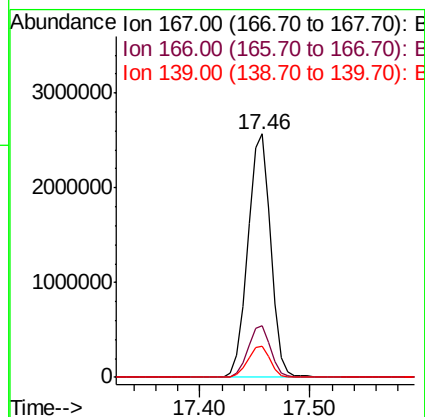
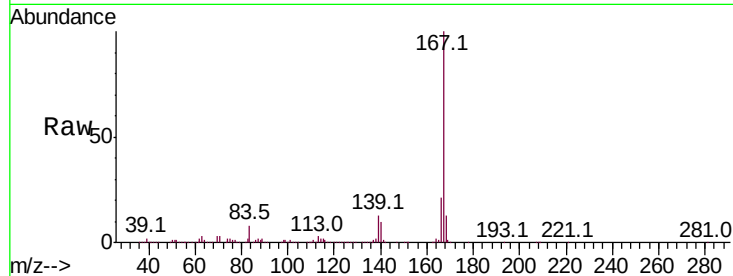


#73
 Carbazole
 Concen: 41.055 ng
 RT: 17.46 min Scan# 2460
 Delta R.T. -0.02 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 3723876

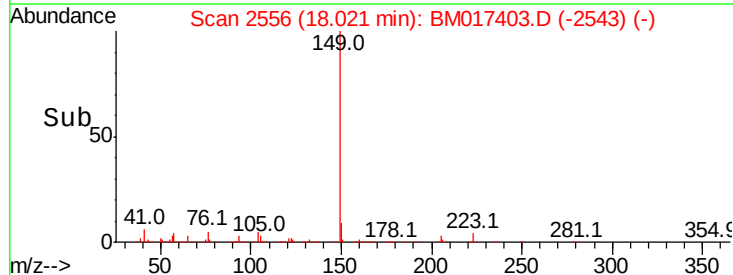
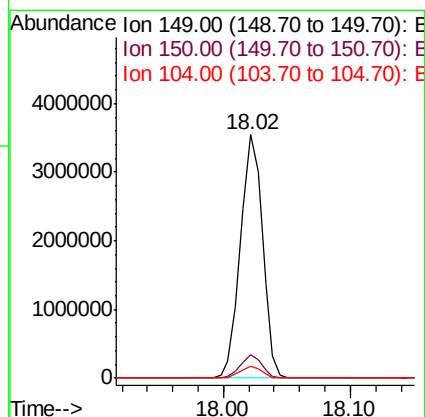
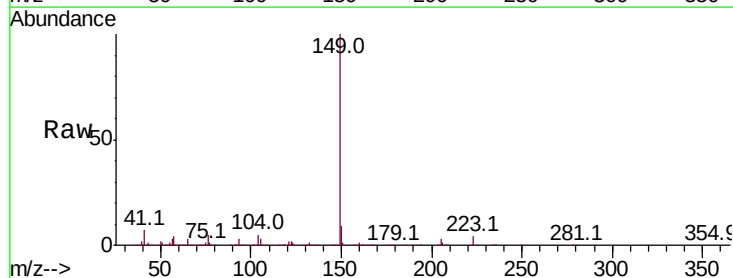
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	12.8	10.1	15.1

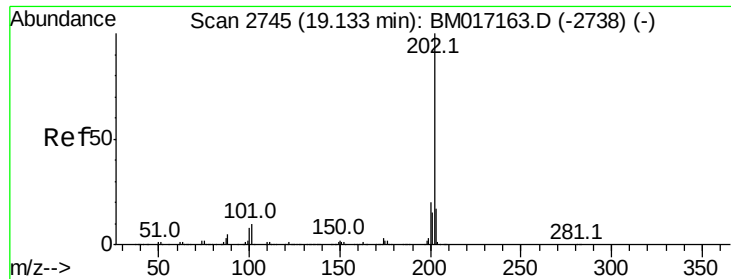


#74
 Di-n-butylphthalate
 Concen: 44.726 ng
 RT: 18.02 min Scan# 2556
 Delta R.T. -0.02 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Tgt Ion:149 Resp: 4278842

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	4.9	4.3	6.5





#75

Fluoranthene

Concen: 44.545 ng

RT: 19.11 min Scan# 2741

Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampleId :

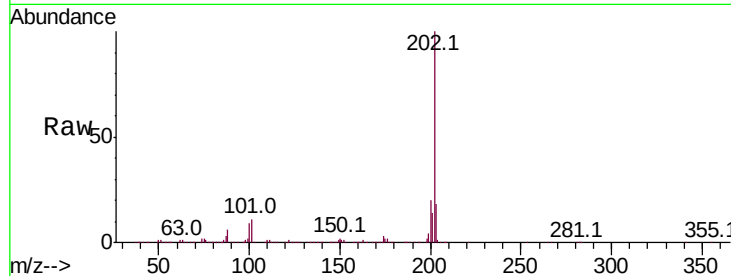
Tot Ion:202 Resp: 4684260

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.0
203	17.6	0.0	37.2

202 100

101 11.1 0.0 30.0

203 17.6 0.0 37.2

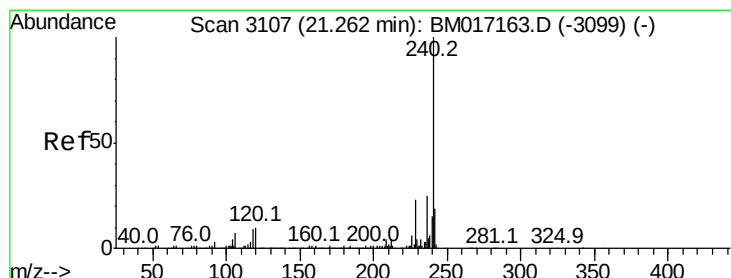
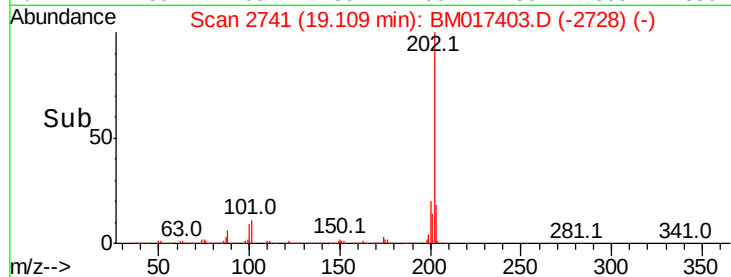
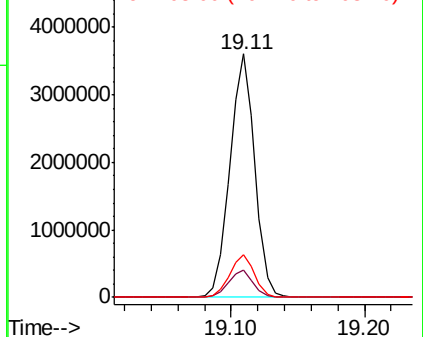


Abundance

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. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

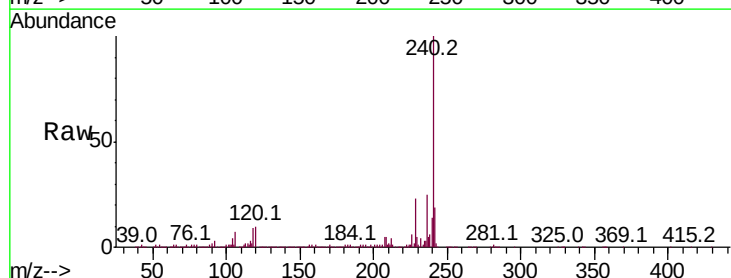
Tgt Ion:240 Resp: 1937228

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.1	12.1
236	25.1	19.9	29.9

240 100

120 10.0 8.1 12.1

236 25.1 19.9 29.9

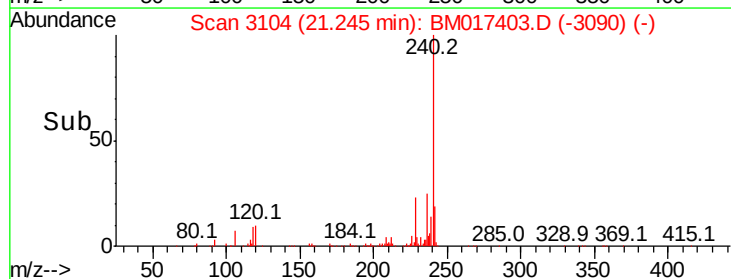
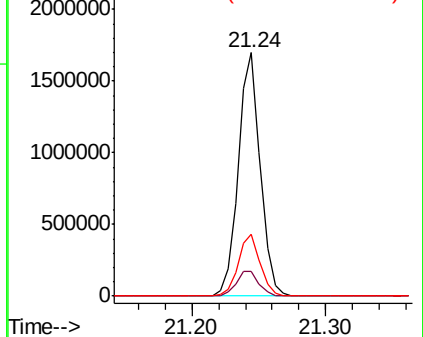


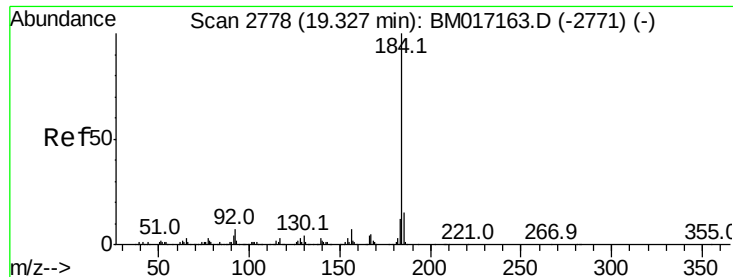
Abundance

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: 29.317 ng

RT: 19.30 min Scan# 2774

Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

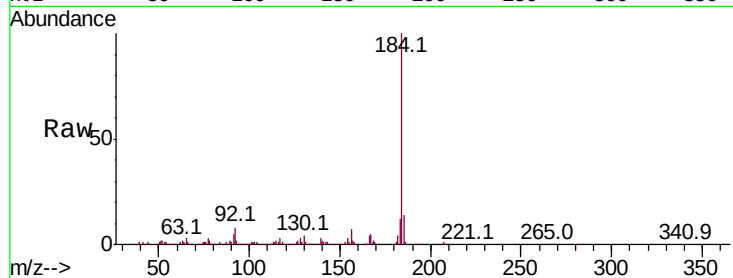
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1440067

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.8	17.8
183	11.5	9.7	14.5

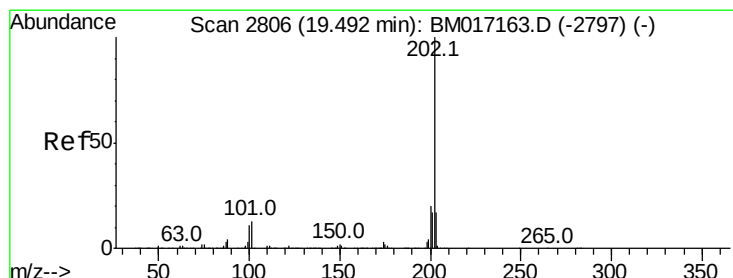
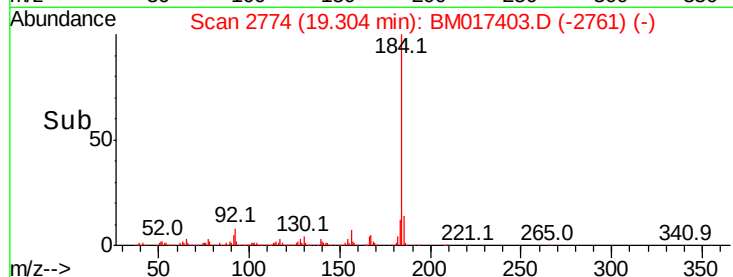
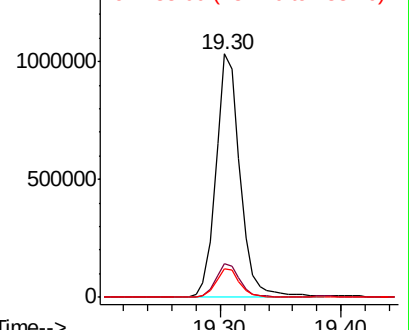


Abundance

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: 43.705 ng

RT: 19.47 min Scan# 2803

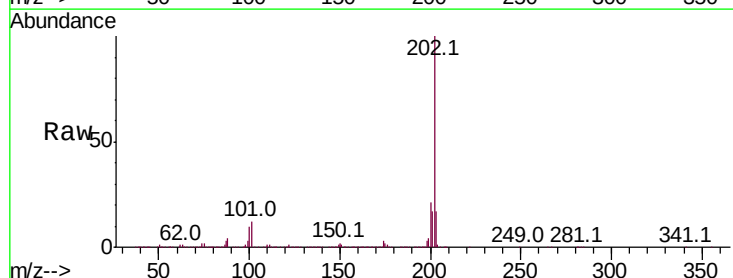
Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Tgt Ion:202 Resp: 4732055

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	17.4	13.9	20.9

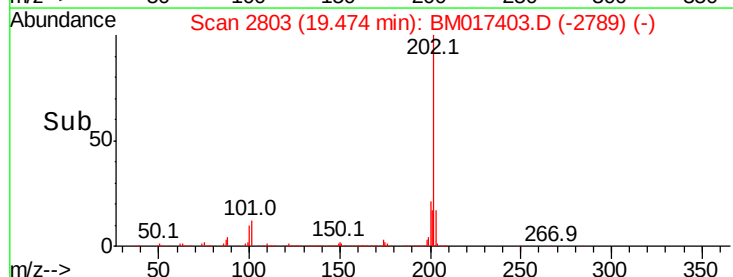
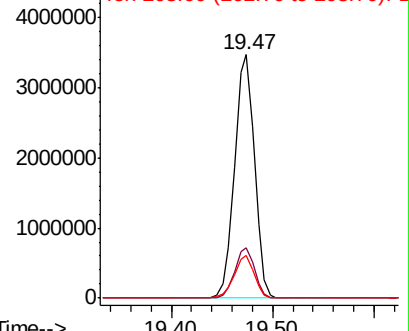


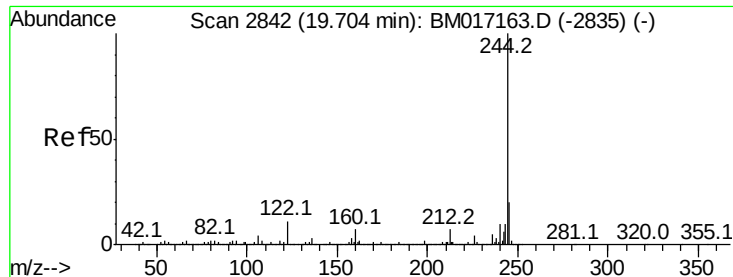
Abundance

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: 75.245 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampleId :

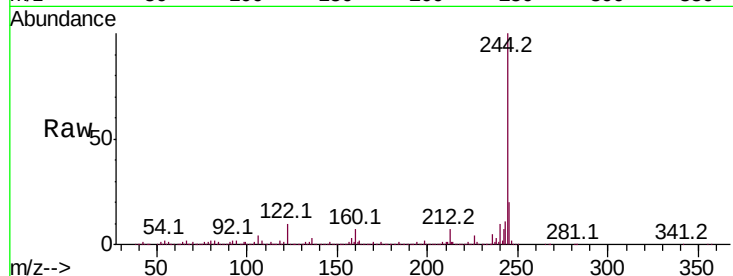
Tot Ion:244 Resp: 6466984

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	10.4	8.4	12.6

244 100

212 7.1 5.5 8.3

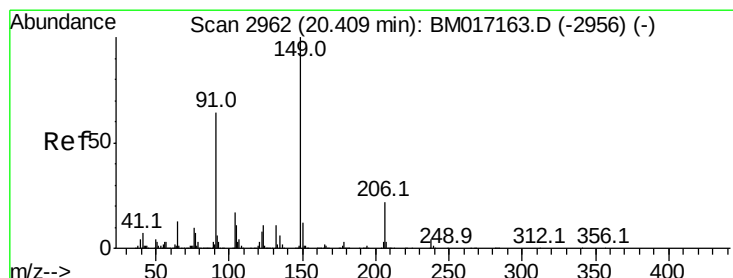
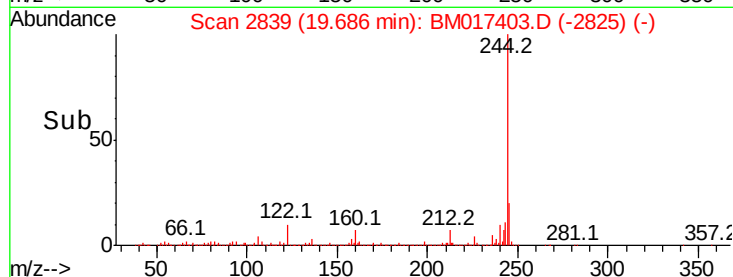
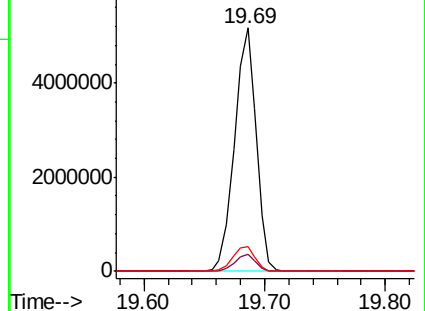
122 10.4 8.4 12.6



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: 48.588 ng

RT: 20.39 min Scan# 2958

Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

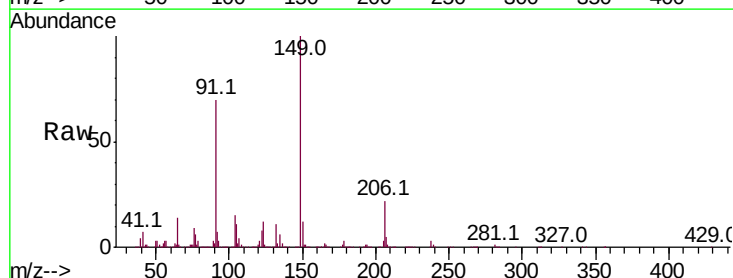
Tgt Ion:149 Resp: 2006149

Ion	Ratio	Lower	Upper
149	100		
91	70.4	51.3	76.9
206	22.2	18.0	27.0

149 100

91 70.4 51.3 76.9

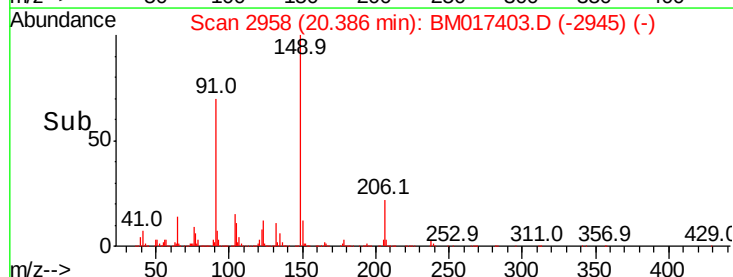
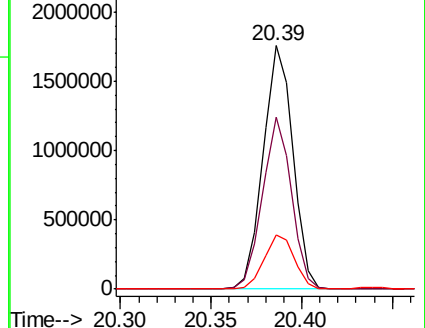
206 22.2 18.0 27.0

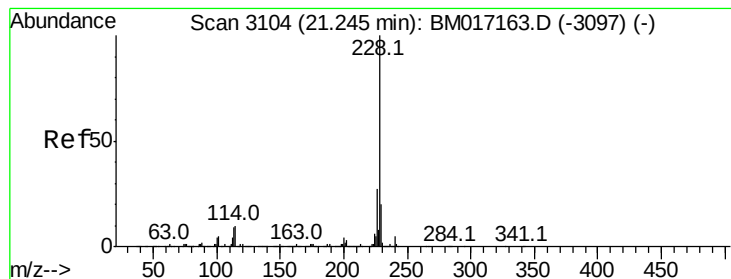


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.012 ng

RT: 21.23 min Scan# 3101

Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampled :

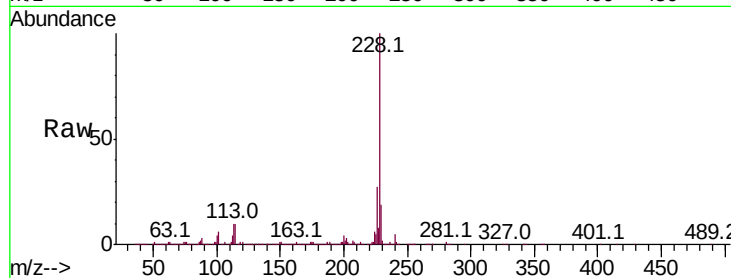
Tot Ion:228 Resp: 4797977

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.4	32.0
229	19.4	15.9	23.9

228 100

226 26.5 21.4 32.0

229 19.4 15.9 23.9

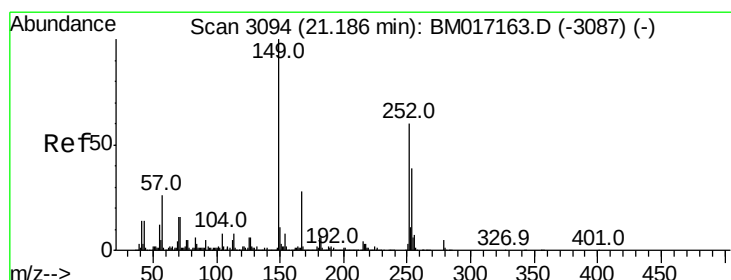
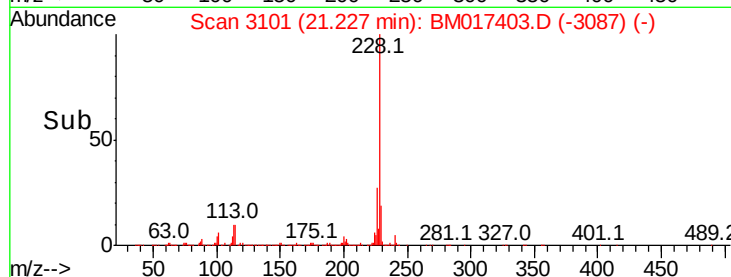
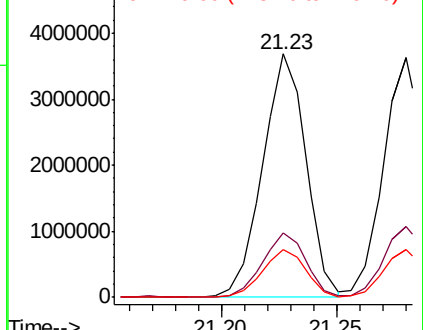


Abundance

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: 25.329 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

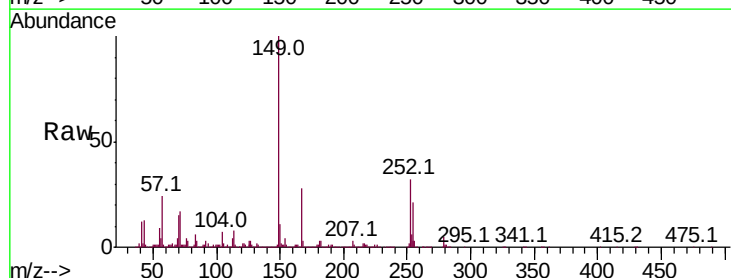
Tgt Ion:252 Resp: 1029122

Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.1	78.1
126	10.3	8.6	12.8

252 100

254 65.0 52.1 78.1

126 10.3 8.6 12.8

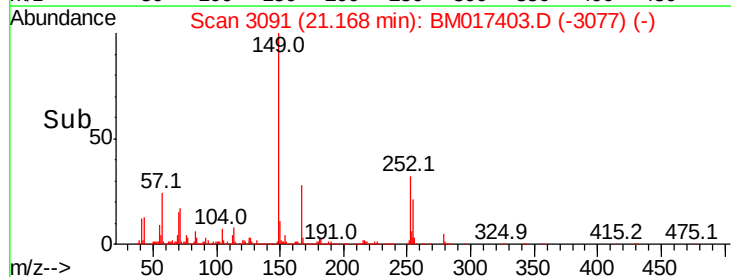
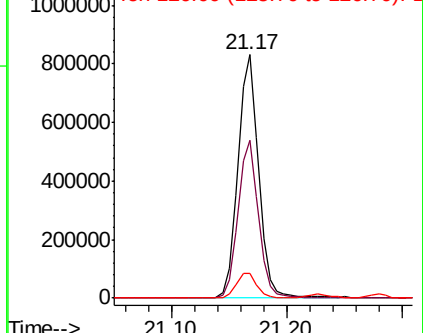


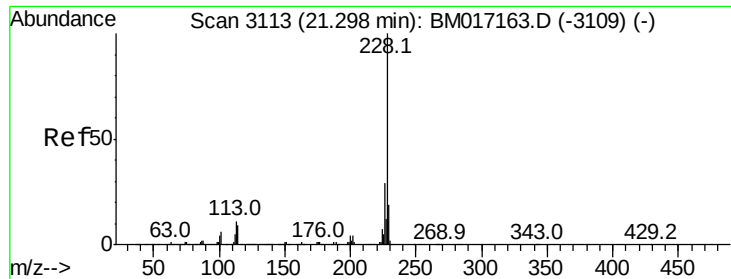
Abundance

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: 42.180 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

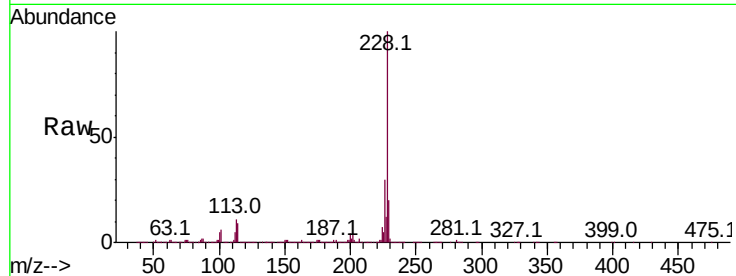
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 4551409

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.3	34.9
229	20.0	15.6	23.4

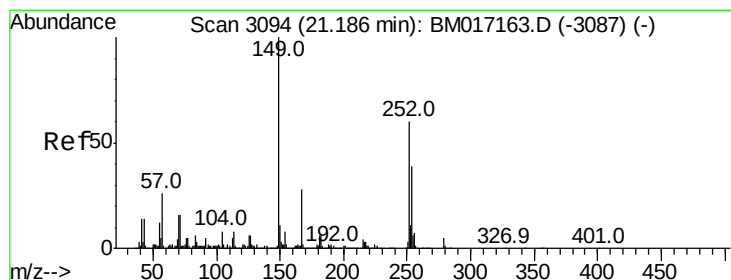
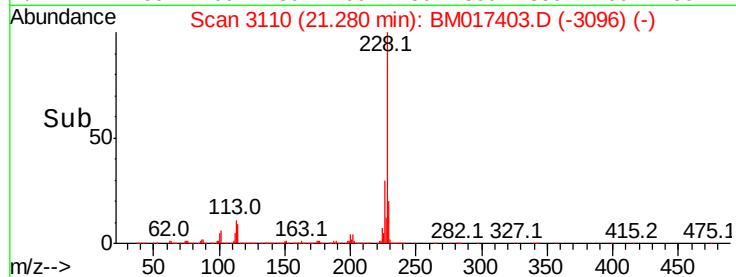
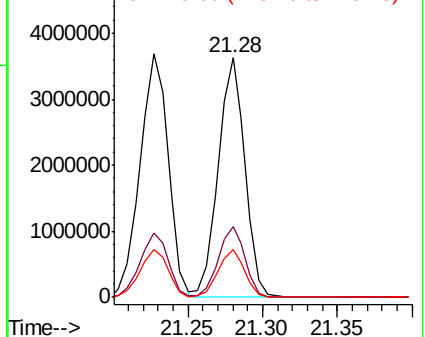


Abundance

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: 46.690 ng

RT: 21.17 min Scan# 3091

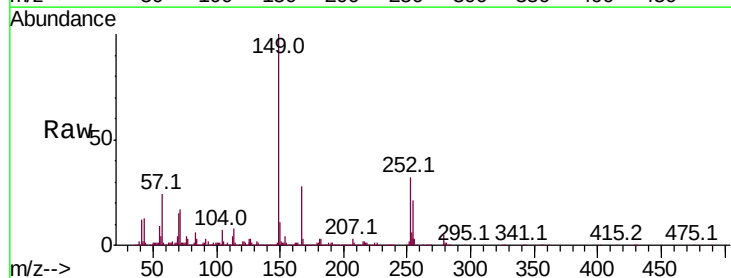
Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Tgt Ion:149 Resp: 2932962

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.2	33.4
279	5.0	3.6	5.4

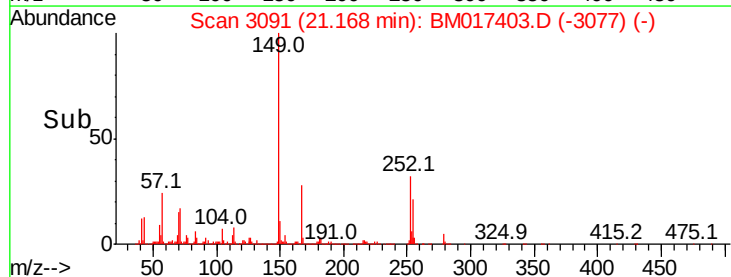
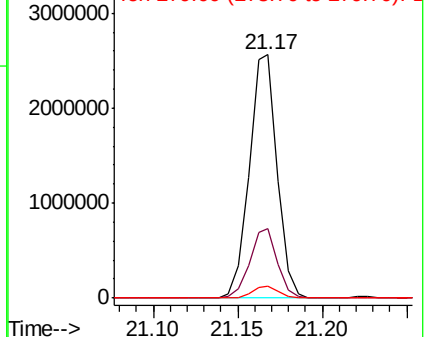


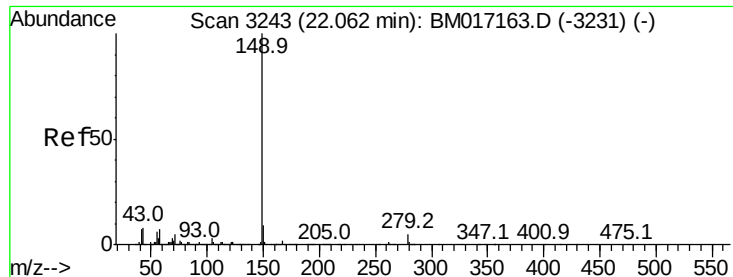
Abundance

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: 48.437 ng

RT: 22.04 min Scan# 3239

Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampled :

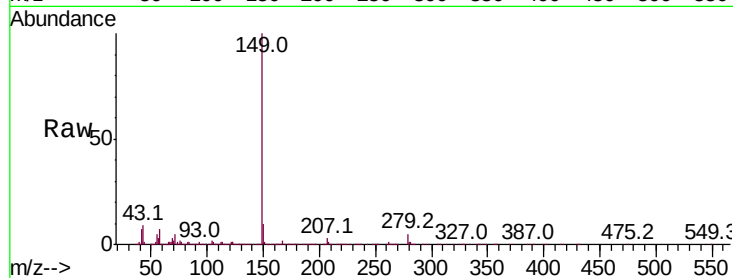
Tot Ion:149 Resp: 5178841

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

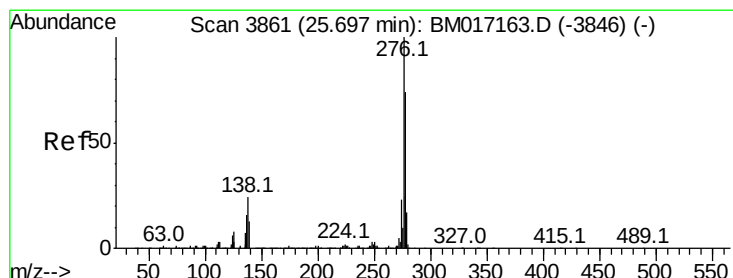
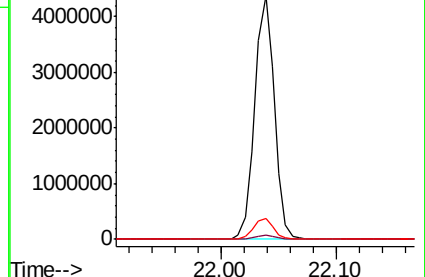
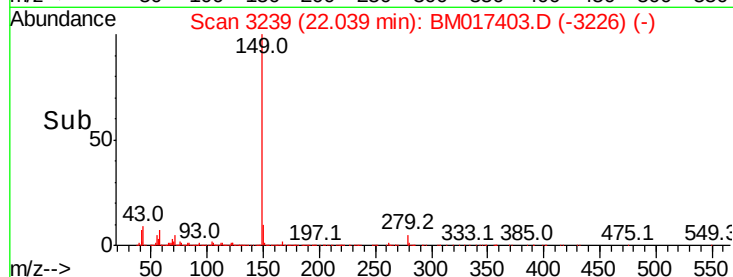
43 8.7 7.2 10.8



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: 35.409 ng

RT: 25.66 min Scan# 3855

Delta R.T. -0.04 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

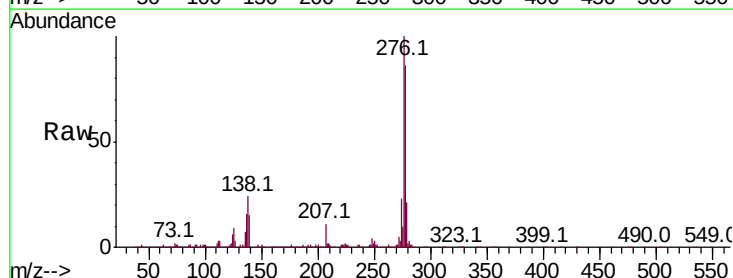
Tgt Ion:276 Resp: 4273492

Ion Ratio Lower Upper

276 100

138 23.7 19.5 29.3

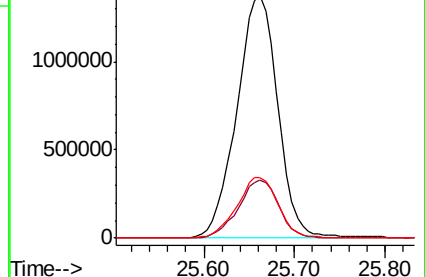
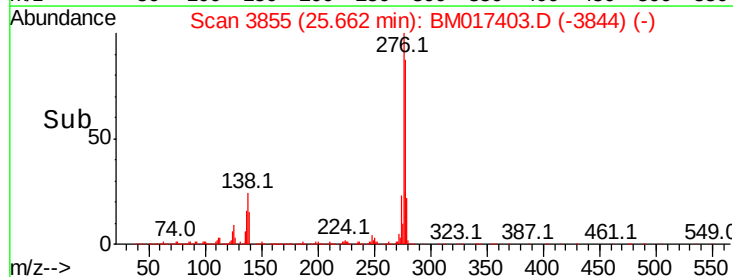
277 25.2 20.1 30.1

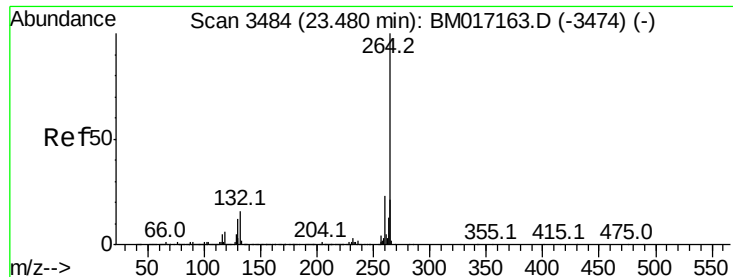


Abundance Ion 276.00 (275.70 to 276.70): E

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. -0.03 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

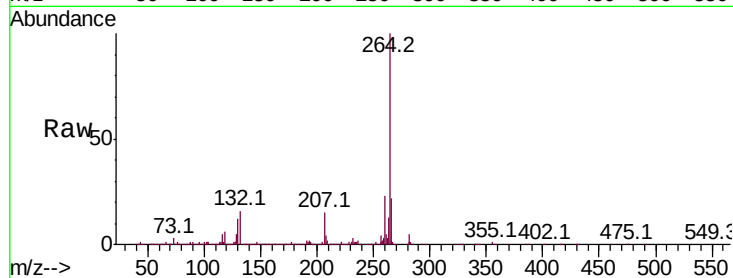
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 1824482

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	21.9	17.8	26.8

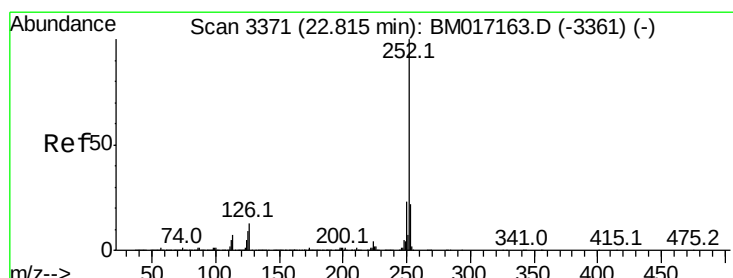
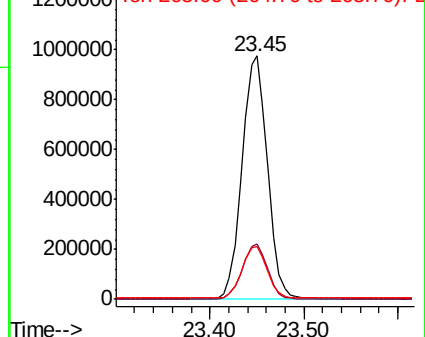
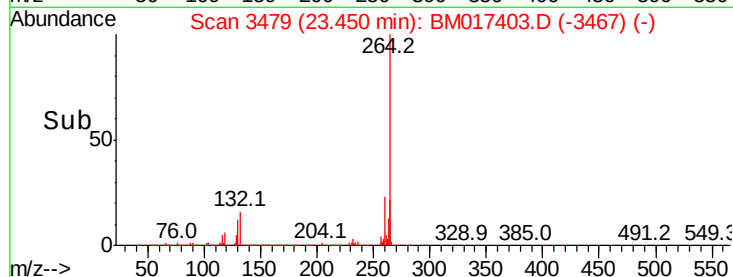


Abundance

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: 47.986 ng

RT: 22.79 min Scan# 3367

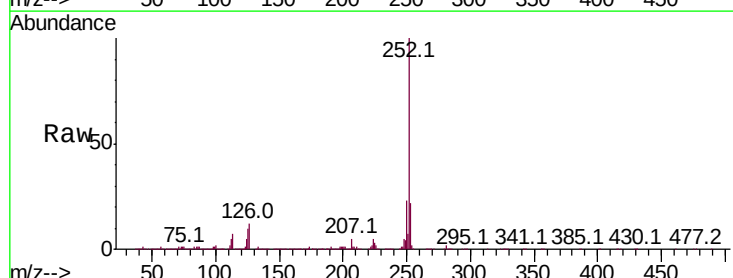
Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Tgt Ion:252 Resp: 4786628

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.7	7.5	11.3

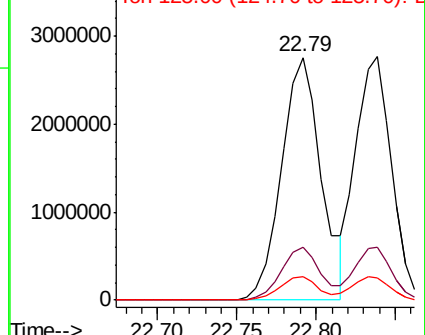
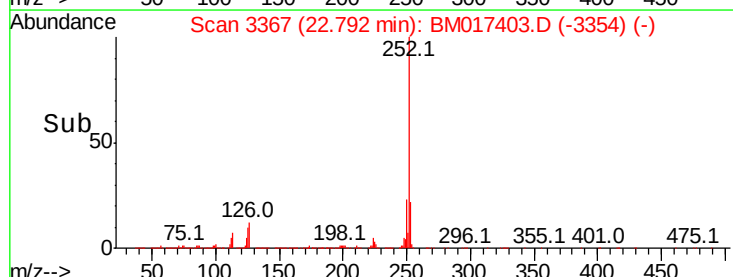


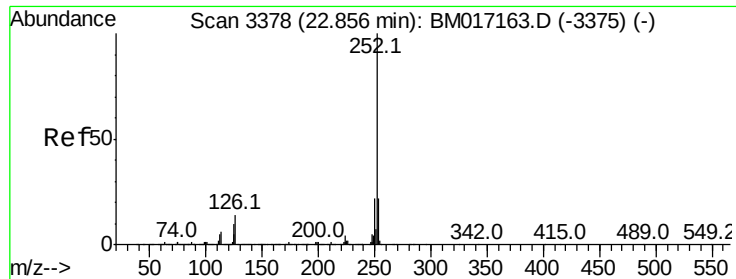
Abundance

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: 43.132 ng

RT: 22.84 min Scan# 3375

Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampleId :

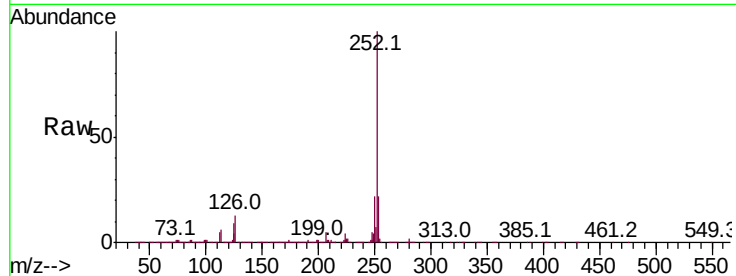
Tot Ion:252 Resp: 4317175

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

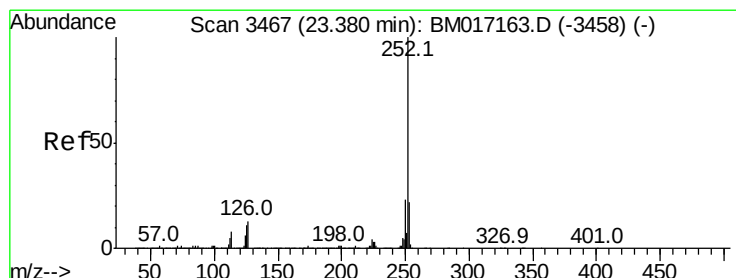
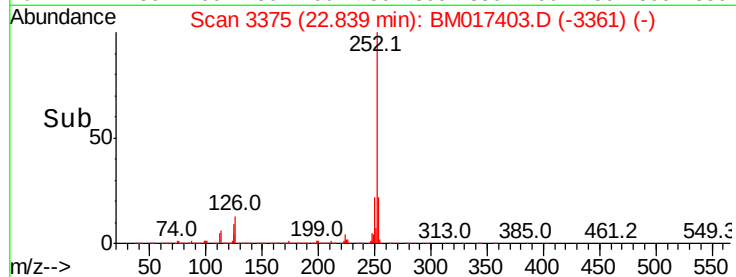
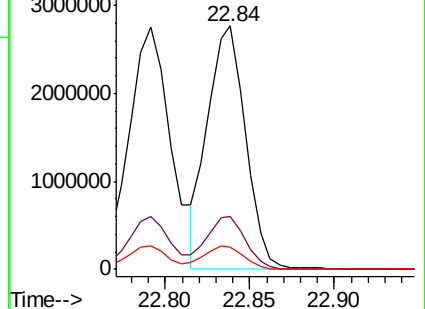
125 9.1 8.2 12.2



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: 44.917 ng

RT: 23.36 min Scan# 3463

Delta R.T. -0.02 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

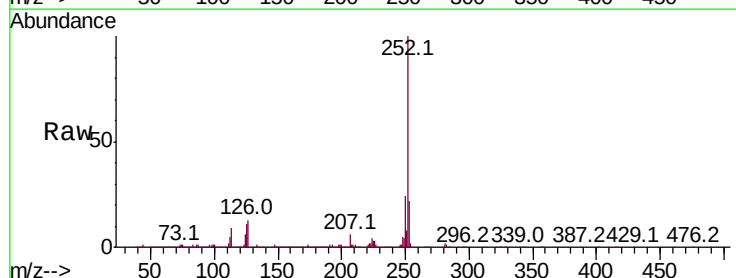
Tgt Ion:252 Resp: 4254163

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

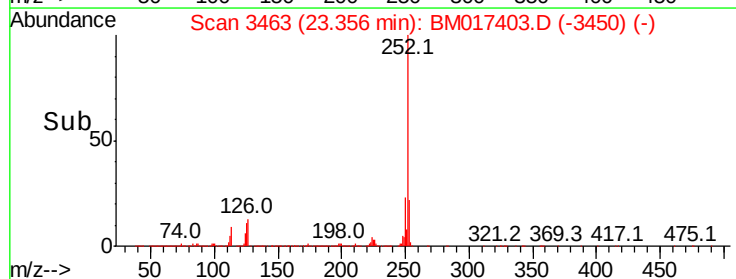
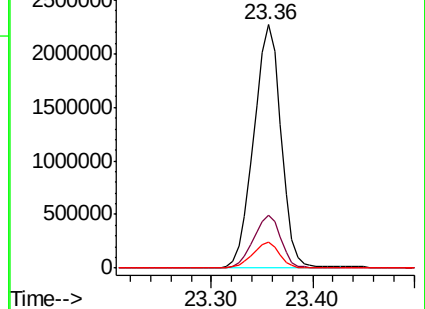
125 10.8 8.6 13.0

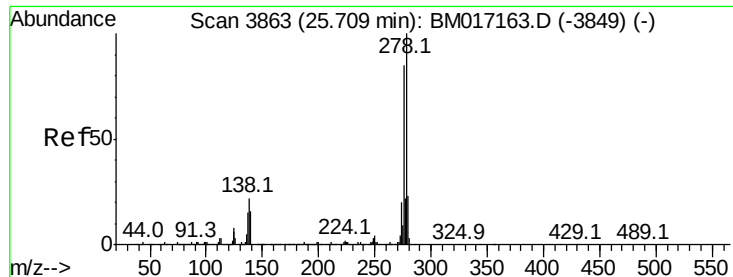


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.979 ng

RT: 25.67 min Scan# 3857

Delta R.T. -0.04 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

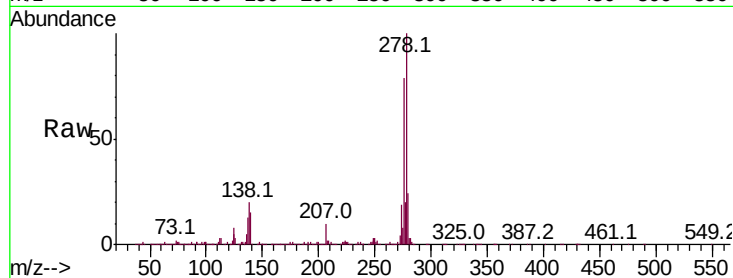
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 3665746

Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.7	19.1
279	23.5	18.7	28.1

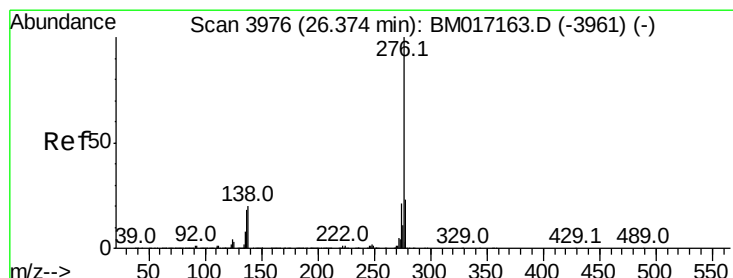
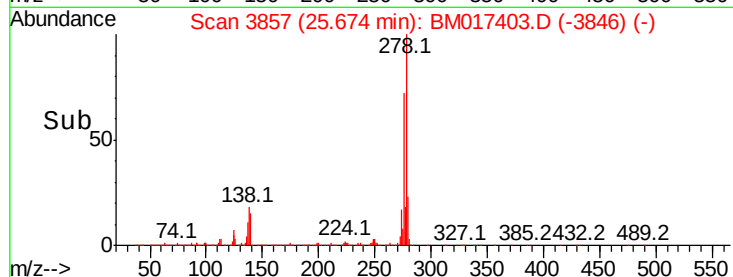
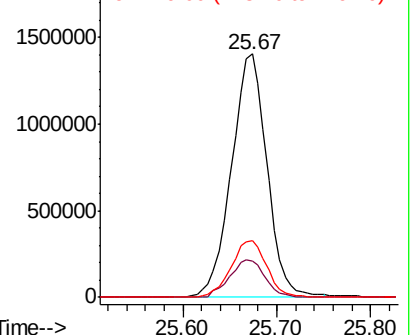


Abundance

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: 37.112 ng

RT: 26.33 min Scan# 3969

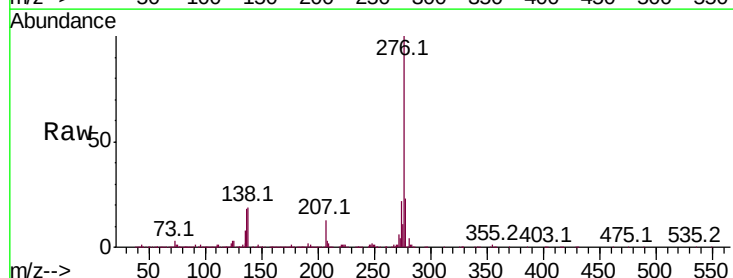
Delta R.T. -0.04 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Tgt Ion:276 Resp: 3459223

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	19.2	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

