

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102218\
 Data File : BM017283.D
 Acq On : 22 Oct 2018 17:40
 Operator : MJ/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 07:21:05 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	7.66	152	350414	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1637682	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	987842	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	2227358	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	2050527	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1705313	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1770533	85.46	ng	-0.01
7) Phenol-d6	6.85	99	2539650	90.00	ng	-0.01
23) Nitrobenzene-d5	8.82	82	2511497	89.69	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1210267	90.59	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	6179796	83.24	ng	-0.01
79) Terphenyl-d14	19.69	244	8980365	98.71	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	387503	36.628	ng	88
3) Pyridine	3.64	79	1009275	41.461	ng	87
4) n-Nitrosodimethylamine	3.56	42	386236	39.524	ng	# 73
6) Aniline	7.00	93	1543761	43.740	ng	98
8) 2-Chlorophenol	7.23	128	1067561	44.540	ng	97
9) Benzaldehyde	6.82	77	729888	40.568	ng	97
10) Phenol	6.87	94	1323145	43.570	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	1037095	42.840	ng	97
12) 1,3-Dichlorobenzene	7.55	146	1167669	41.791	ng	97
13) 1,4-Dichlorobenzene	7.70	146	1196508	41.915	ng	98
14) 1,2-Dichlorobenzene	8.01	146	1162983	42.284	ng	100
15) Benzyl Alcohol	7.90	79	1012093	49.071	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1374980	40.654	ng	99
17) 2-Methylphenol	8.10	107	897290	46.033	ng	99
18) Hexachloroethane	8.72	117	423012	43.300	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	892282	48.024	ng	97
20) 3+4-Methylphenols	8.44	107	1277614	47.922	ng	98
22) Acetophenone	8.48	105	1708979	41.167	ng	# 99
24) Nitrobenzene	8.86	77	1263211	42.648	ng	95
25) Isophorone	9.39	82	2091823	45.240	ng	99
26) 2-Nitrophenol	9.56	139	667969	48.164	ng	98
27) 2,4-Dimethylphenol	9.63	122	933424	45.654	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	1407128	43.237	ng	99
29) 2,4-Dichlorophenol	10.09	162	1120852	47.216	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	1206268	42.359	ng	99
31) Naphthalene	10.49	128	3347987	41.716	ng	99
32) Benzoic acid	9.80	122	743261	48.721	ng	92
33) 4-Chloroaniline	10.60	127	1558112	44.952	ng	98
34) Hexachlorobutadiene	10.77	225	744533	41.262	ng	98
35) Caprolactam	11.42	113	397757	45.976	ng	92
36) 4-Chloro-3-methylphenol	11.74	107	1256770	46.967	ng	98
37) 2-Methylnaphthalene	12.10	142	2453703	44.678	ng	99
38) 1-Methylnaphthalene	12.33	142	2366136	44.266	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	1464782	42.105	ng	99

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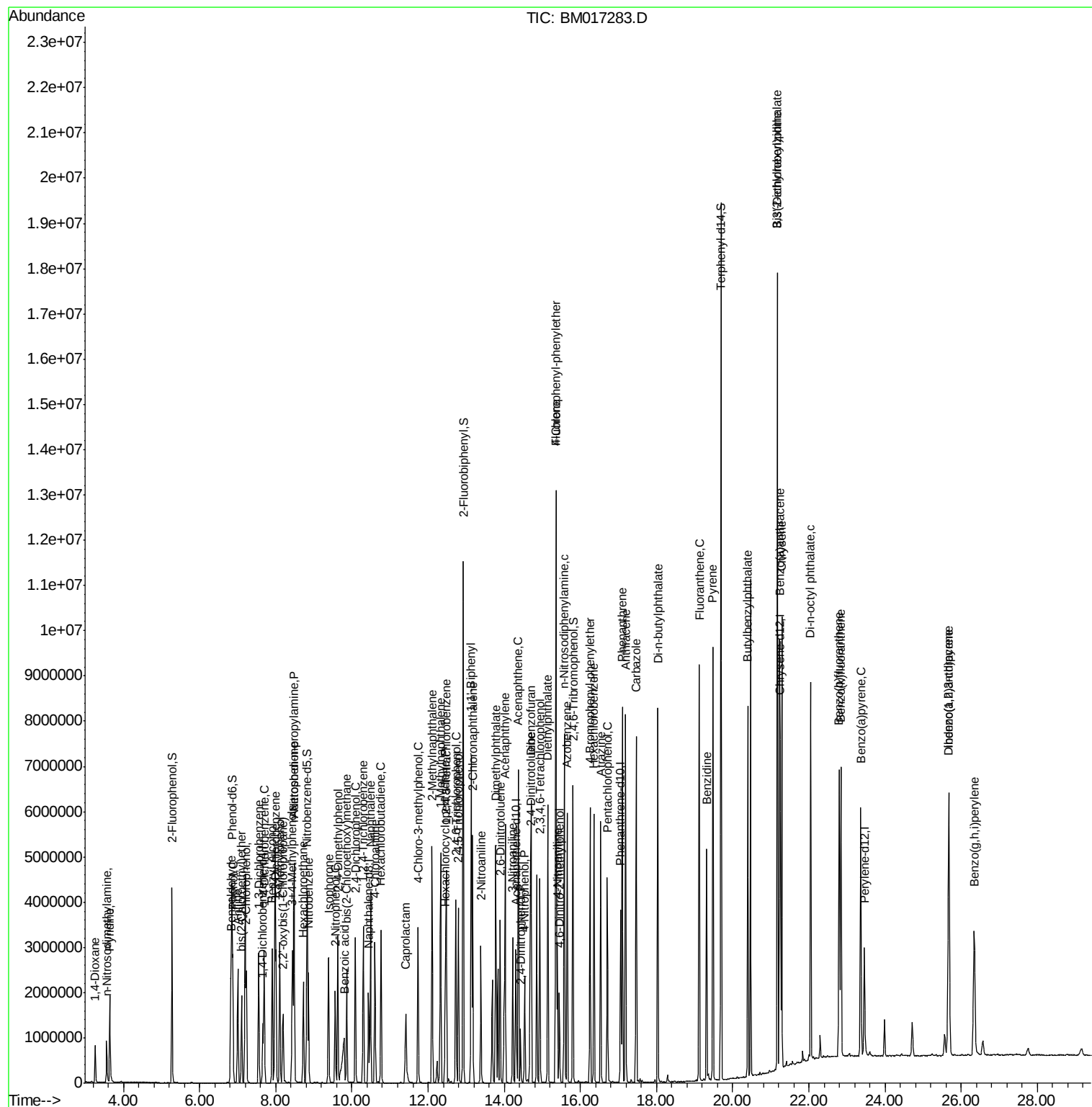
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	673873	40.069	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	966281	47.848	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	1014457	46.845	ng	99
46) 1,1'-Biphenyl	13.13	154	3694549	41.561	ng	99
47) 2-Chloronaphthalene	13.17	162	2730680	41.755	ng	98
48) 2-Nitroaniline	13.39	65	817809	44.706	ng	95
49) Acenaphthylene	14.02	152	4148389	43.762	ng	99
50) Dimethylphthalate	13.77	163	3311530	43.451	ng	99
51) 2,6-Dinitrotoluene	13.89	165	761714	45.410	ng	99
52) Acenaphthene	14.37	154	2516581	42.282	ng	98
53) 3-Nitroaniline	14.22	138	814704	44.845	ng	93
54) 2,4-Dinitrophenol	14.43	184	251988	31.200	ng	98
55) Dibenzofuran	14.71	168	4058910	41.009	ng	99
56) 4-Nitrophenol	14.54	139	616719	39.768	ng	100
57) 2,4-Dinitrotoluene	14.69	165	1043916	46.304	ng	# 99
58) Fluorene	15.36	166	3092340	42.210	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	908069	46.002	ng	100
60) Diethylphthalate	15.14	149	3399153	44.974	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1754270	42.003	ng	97
62) 4-Nitroaniline	15.39	138	843646	42.244	ng	99
63) Azobenzene	15.65	77	3146020	42.824	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	425229	32.395	ng	97
66) n-Nitrosodiphenylamine	15.57	169	2976270	44.166	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	1120371	45.811	ng	96
68) Hexachlorobenzene	16.36	284	1234781	43.465	ng	98
69) Atrazine	16.54	200	1096094	45.446	ng	97
70) Pentachlorophenol	16.70	266	799091	41.061	ng	99
71) Phenanthrene	17.10	178	4945661	41.154	ng	100
72) Anthracene	17.19	178	4940923	43.271	ng	100
73) Carbazole	17.46	167	4960209	42.525	ng	99
74) Di-n-butylphthalate	18.03	149	5831247	47.399	ng	99
75) Fluoranthene	19.12	202	5603502	41.438	ng	99
77) Benzidine	19.32	184	2926793	56.291	ng	99
78) Pyrene	19.48	202	5753579	50.204	ng	99
80) Butylbenzylphthalate	20.40	149	2554052	56.985	ng	97
81) Benzo(a)anthracene	21.23	228	4992094	43.262	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1976047	45.947	ng	99
83) Chrysene	21.29	228	4747891	41.570	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	3537708	52.464	ng	98
85) Di-n-octyl phthalate	22.04	149	5427940	48.016	ng	100
86) Indeno(1,2,3-cd)pyrene	25.67	276	4052947	31.726	ng	99
88) Benzo(b)fluoranthene	22.80	252	4114489	44.130	ng	99
89) Benzo(k)fluoranthene	22.84	252	4025785	43.031	ng	99
90) Benzo(a)pyrene	23.36	252	3730727	42.143	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	3416462	38.867	ng	98
92) Benzo(g,h,i)perylene	26.34	276	3361474	38.584	ng	99

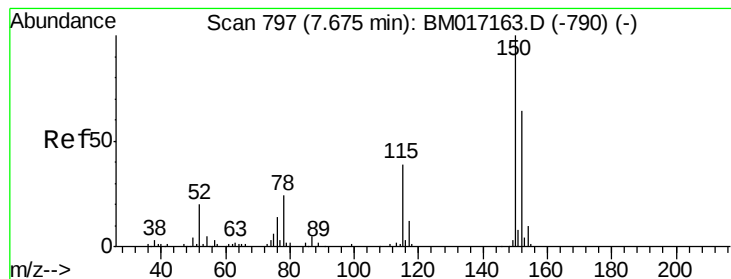
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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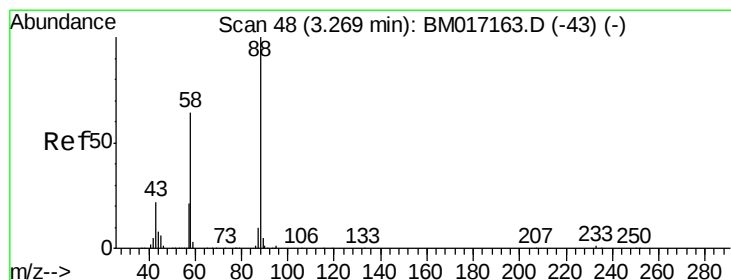
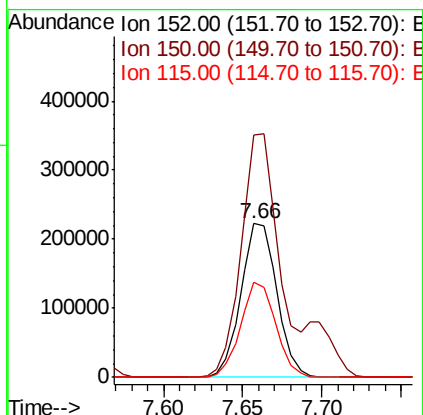
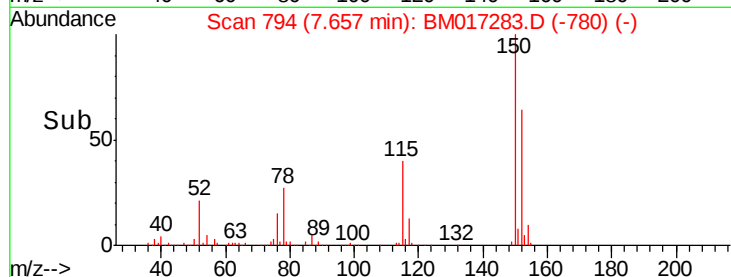
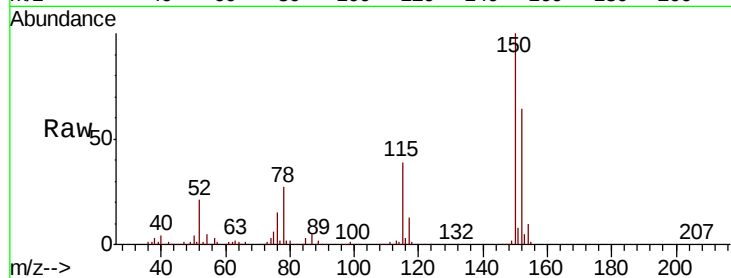


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Instrument :
BNA_M
ClientSampled :

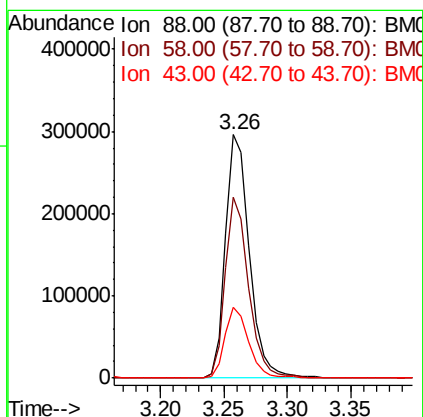
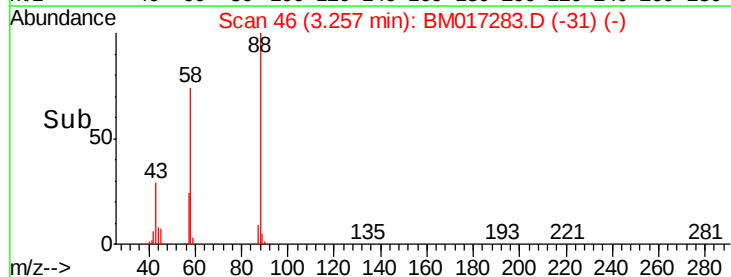
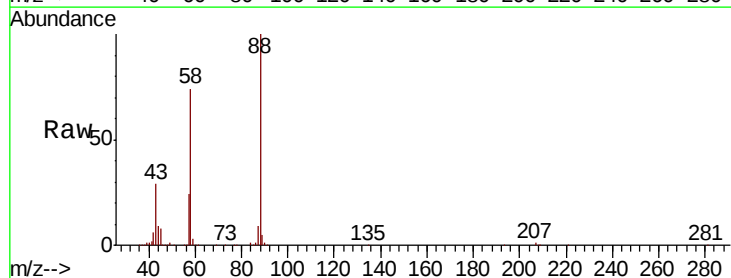
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.3	186.5
115	61.7	48.1	72.1

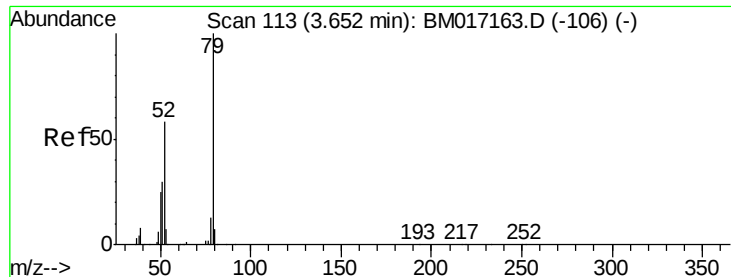


#2

1,4-Dioxane
Concen: 36.628 ng
RT: 3.26 min Scan# 46
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	50.2	75.4
43	28.4	19.3	28.9





#3

Pvridine

Concen: 41.461 ng

RT: 3.64 min Scan# 111

Delta R.T. -0.01 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Instrument :

BNA_M

ClientSampleId :

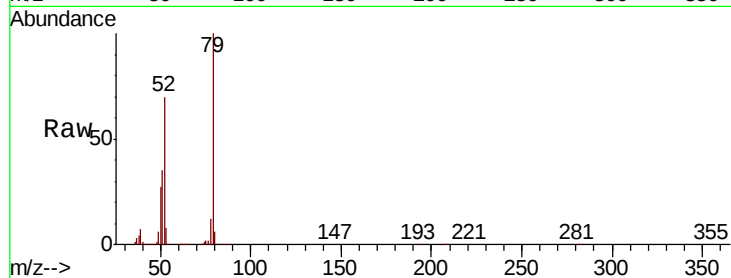
Tot Ion: 79 Resp: 1009275

Ion Ratio Lower Upper

79 100

52 69.7 46.5 69.7

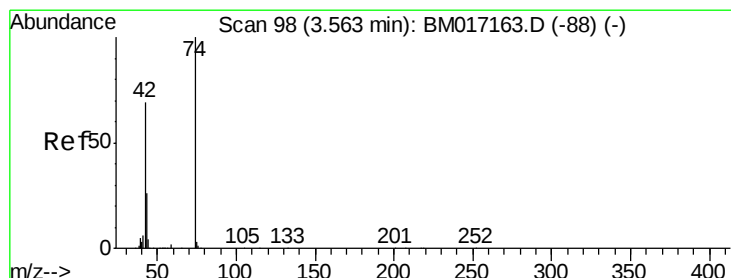
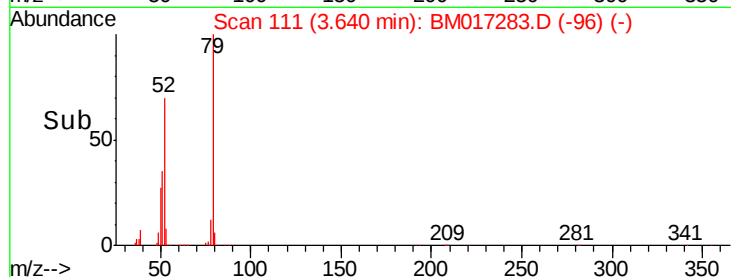
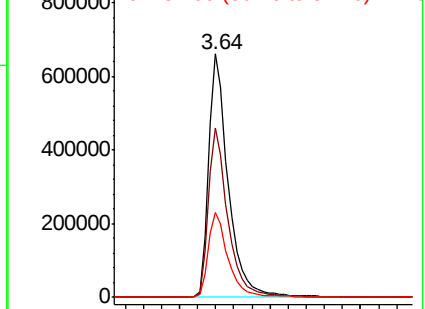
51 34.7 24.6 37.0



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-106) (-)

Ion 52.00 (51.70 to 52.70): BM017163.D (-106) (-)

Ion 51.00 (50.70 to 51.70): BM017163.D (-106) (-)



#4

n-Nitrosodimethylamine

Concen: 39.524 ng

RT: 3.56 min Scan# 97

Delta R.T. -0.01 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

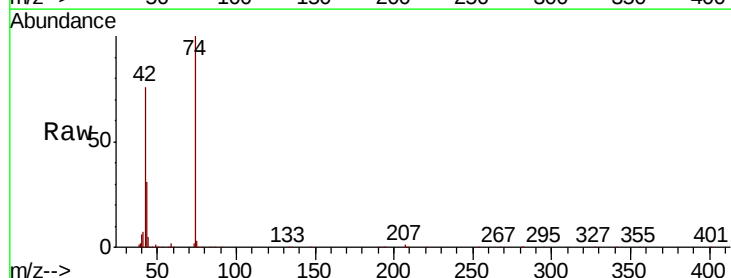
Tgt Ion: 42 Resp: 386236

Ion Ratio Lower Upper

42 100

74 132.1 114.4 171.6

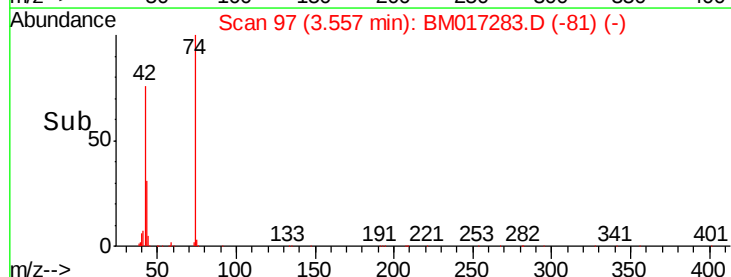
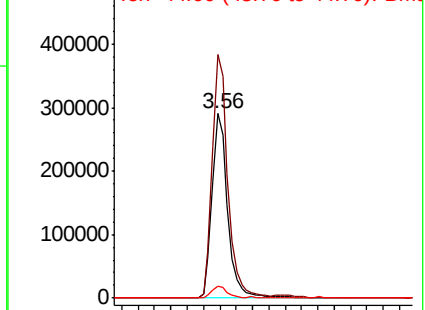
44 6.5 48.6 73.0#

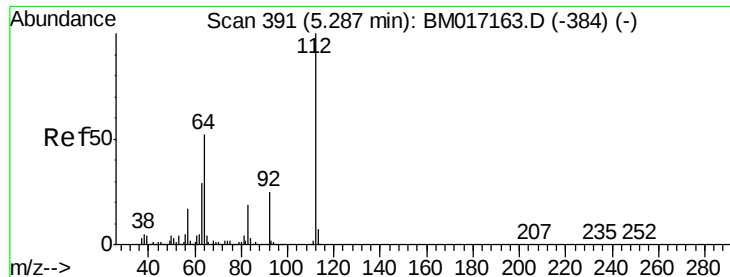


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM017163.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017163.D (-88) (-)





#5

2-Fluorophenol

Concen: 85.458 ng

RT: 5.27 min Scan# 389

Delta R.T. -0.01 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Instrument :

BNA_M

ClientSampleId :

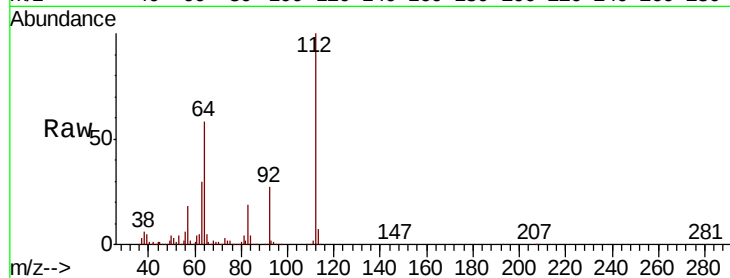
Tot Ion:112 Resp: 1770533

Ion Ratio Lower Upper

112 100

64 58.0 41.7 62.5

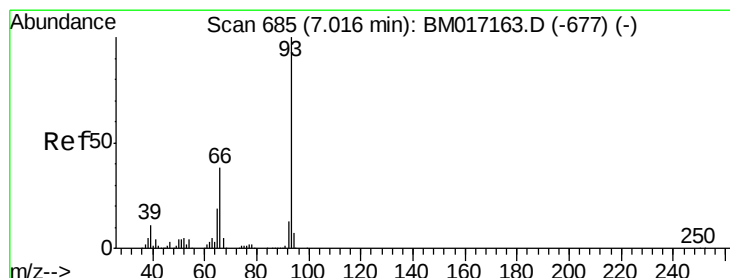
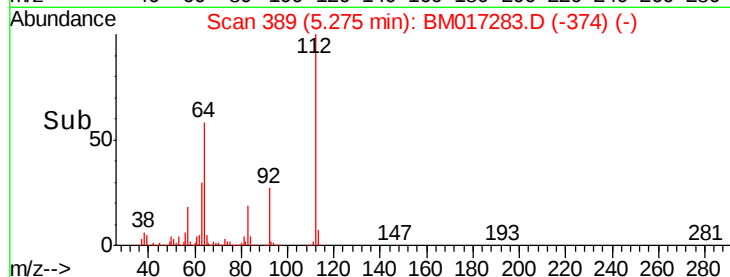
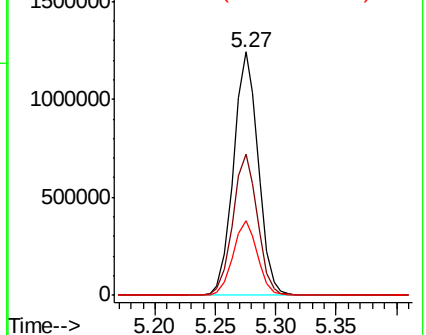
63 30.4 23.0 34.4



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: 43.740 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

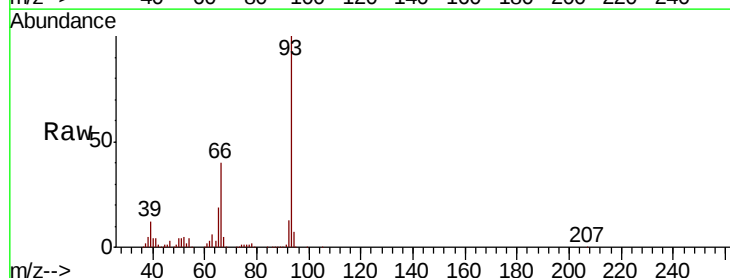
Tgt Ion: 93 Resp: 1543761

Ion Ratio Lower Upper

93 100

66 39.8 30.4 45.6

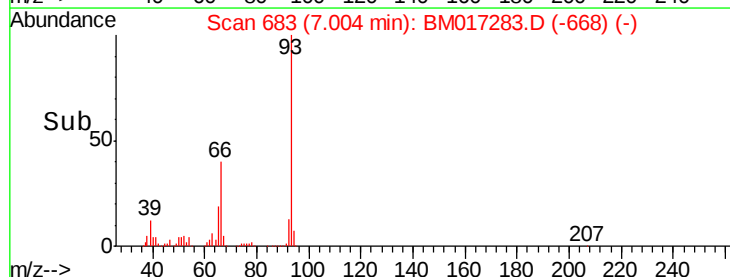
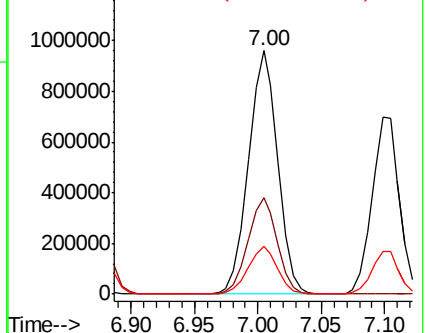
65 19.5 15.3 22.9

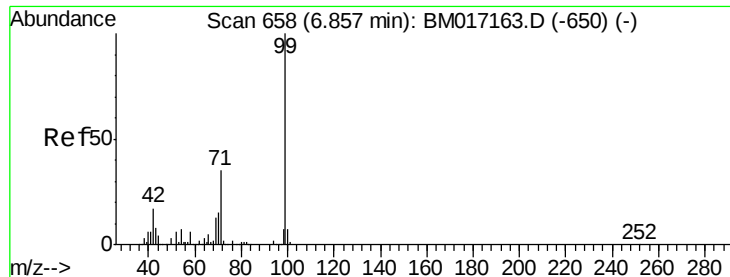


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 90.004 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

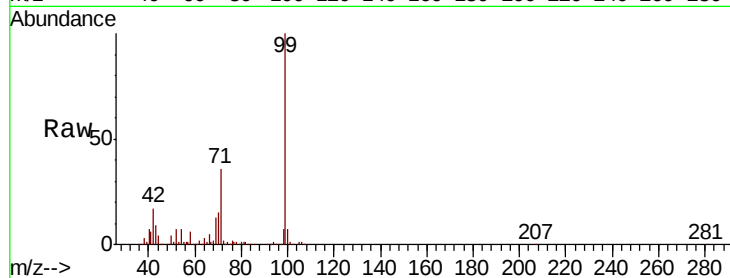
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2539650

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.3	19.9
71	36.0	28.0	42.0



Abundance

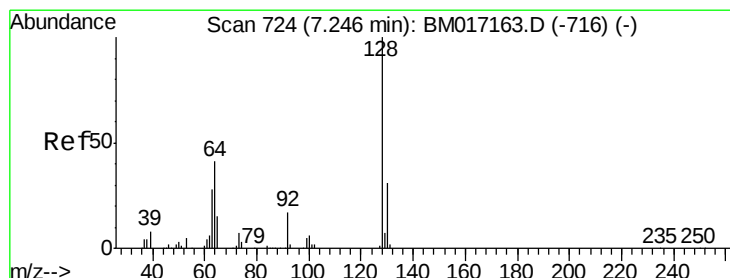
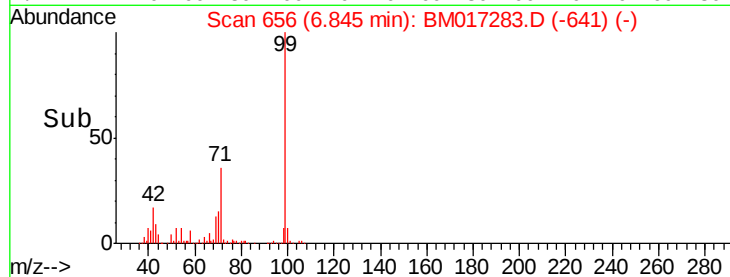
Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

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

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

6.85

Time-->



#8

2-Chlorophenol

Concen: 44.540 ng

RT: 7.23 min Scan# 722

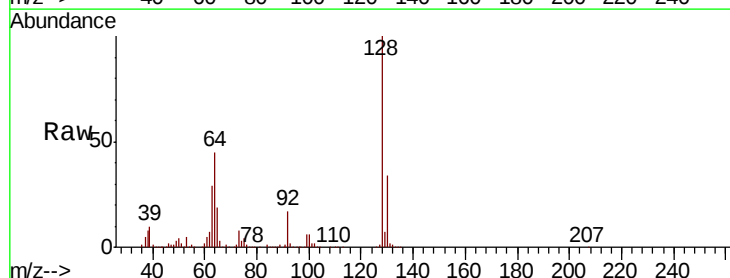
Delta R.T. -0.01 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Tgt Ion:128 Resp: 1067561

Ion	Ratio	Lower	Upper
128	100		
130	33.5	11.0	51.0
64	45.1	24.1	64.1



Abundance

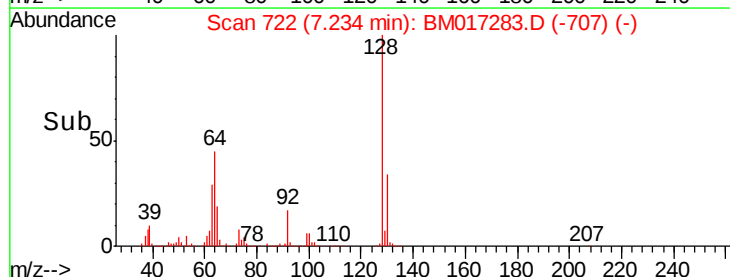
Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

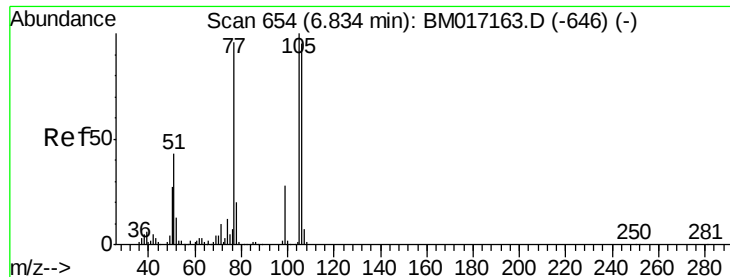
Ion 130.00 (129.70 to 130.70): BM017163.D (-716) (-)

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

7.23

Time-->





#9

Benzaldehyde

Concen: 40.568 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Instrument :

BNA_M

ClientSampleId :

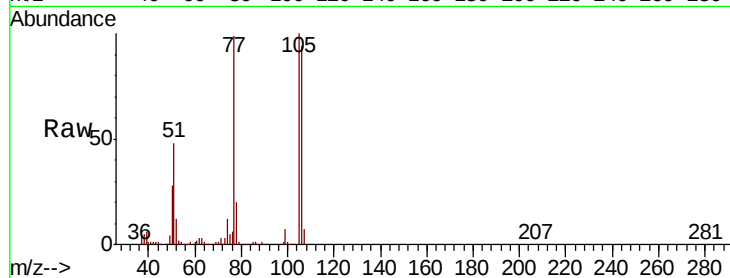
Tot Ion: 77 Resp: 729888

Ion Ratio Lower Upper

77 100

105 101.2 83.9 123.9

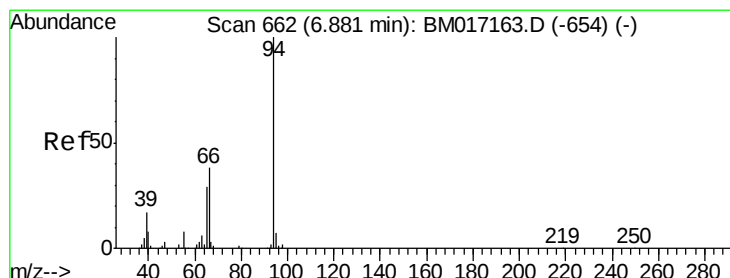
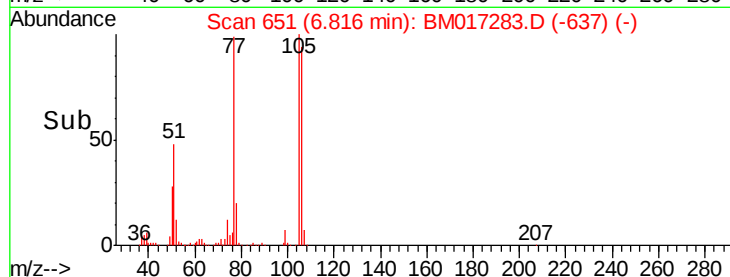
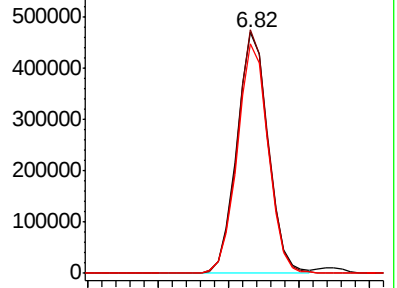
106 95.2 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-646) (-)

Ion 105.00 (104.70 to 105.70): BM017163.D (-646) (-)

Ion 106.00 (105.70 to 106.70): BM017163.D (-646) (-)



#10

Phenol

Concen: 43.570 ng

RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

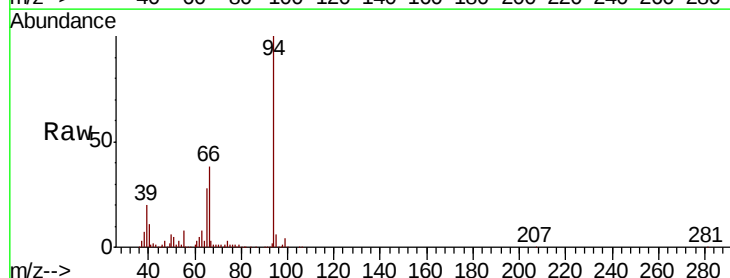
Tgt Ion: 94 Resp: 1323145

Ion Ratio Lower Upper

94 100

65 27.9 9.4 49.4

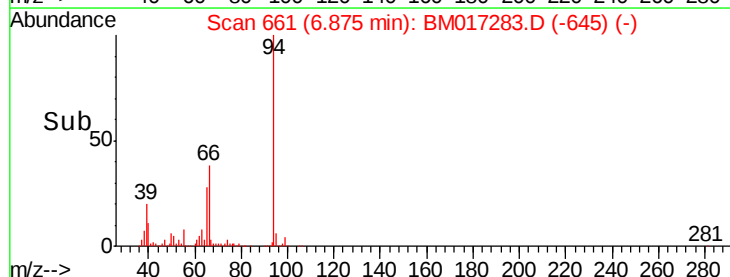
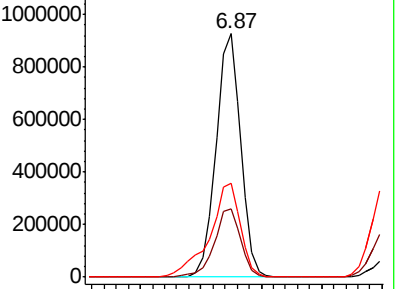
66 38.4 19.0 59.0

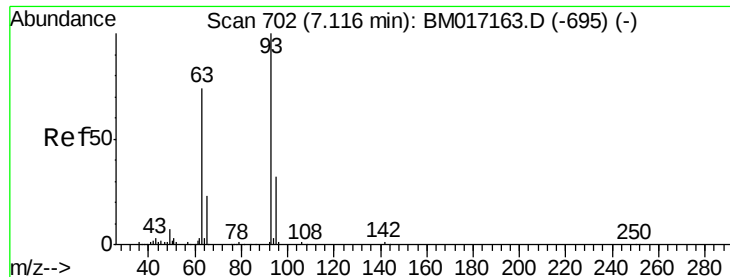


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-654) (-)

Ion 66.00 (65.70 to 66.70): BM017163.D (-654) (-)

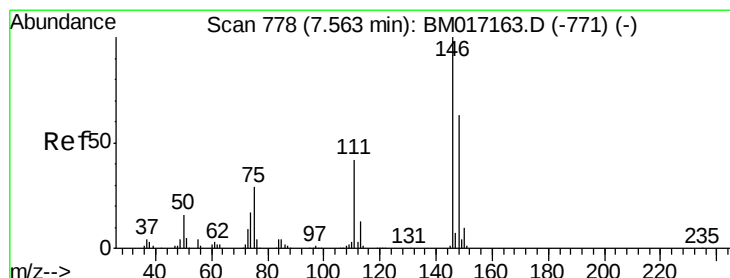
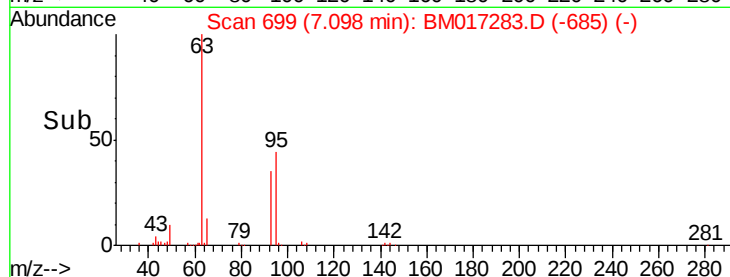
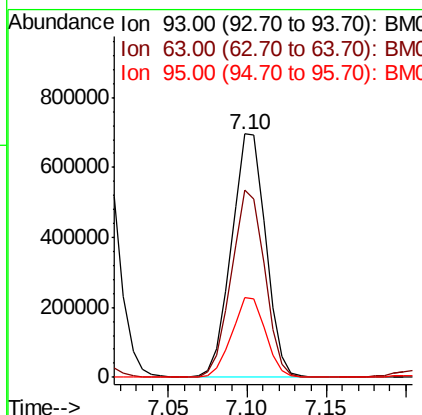
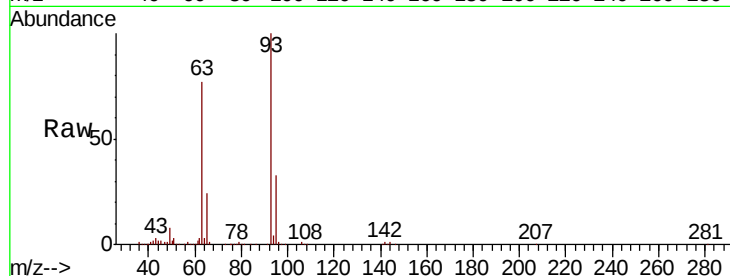




#11
bis(2-Chloroethyl)ether
Concen: 42.840 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.02 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

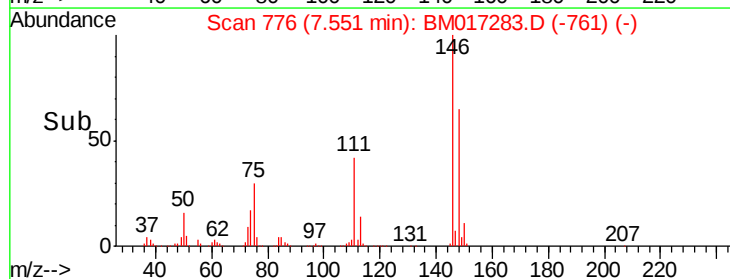
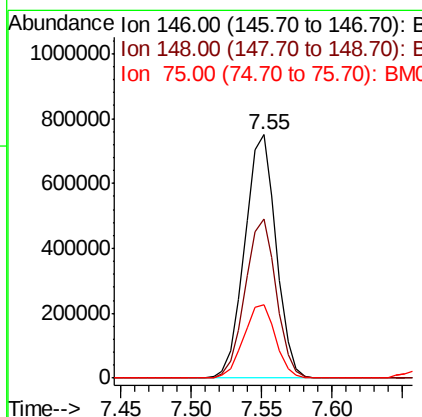
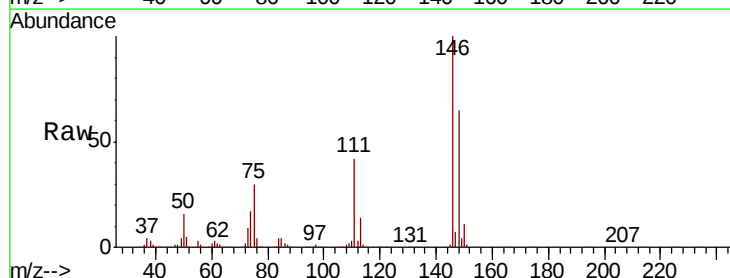
Instrument :
BNA_M
ClientSampleId :

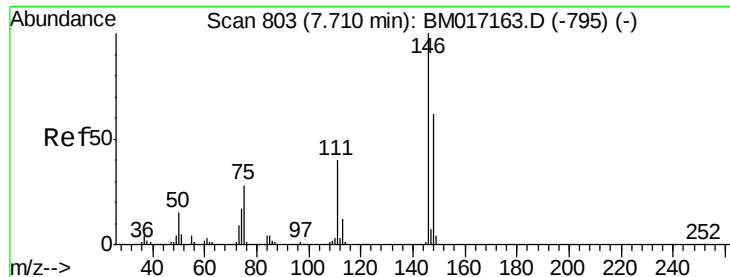
Tot Ion: 93 Resp: 1037095
Ion Ratio Lower Upper
93 100
63 76.8 54.0 94.0
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.791 ng
RT: 7.55 min Scan# 776
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Tgt Ion: 146 Resp: 1167669
Ion Ratio Lower Upper
146 100
148 65.3 50.2 75.4
75 30.2 23.3 34.9

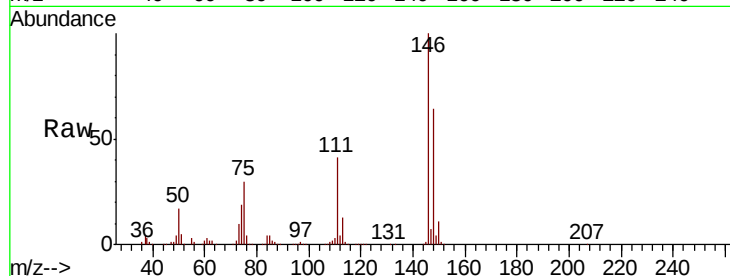




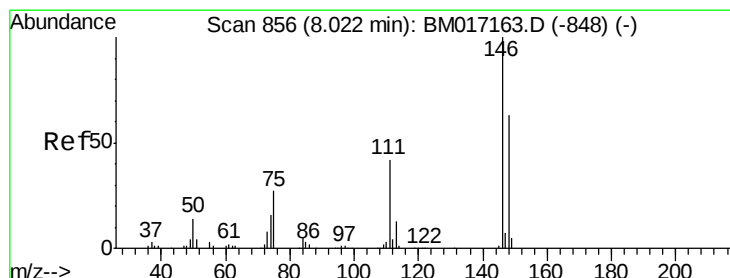
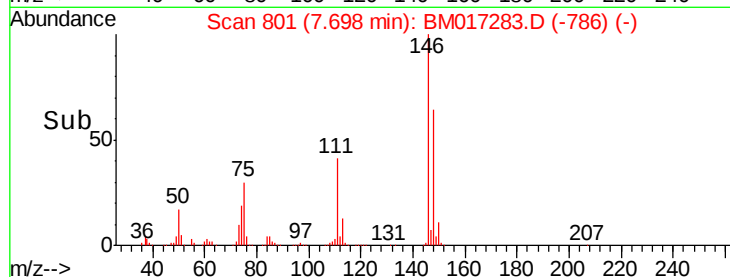
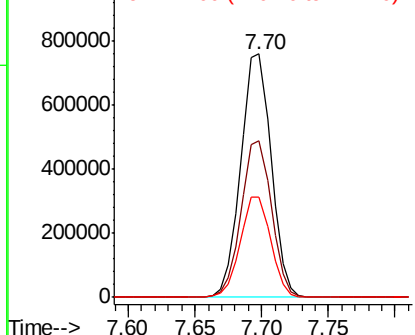
#13
1,4-Dichlorobenzene
Concen: 41.915 ng
RT: 7.70 min Scan# 801
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Instrument :
BNA_M
ClientSampled :

Tot Ion:146 Resp: 1196508
Ion Ratio Lower Upper
146 100
148 64.3 49.8 74.6
111 41.4 32.1 48.1

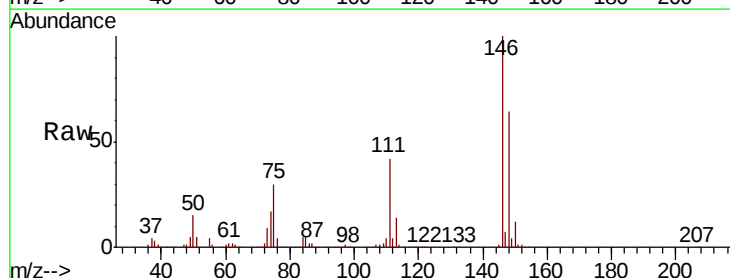


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

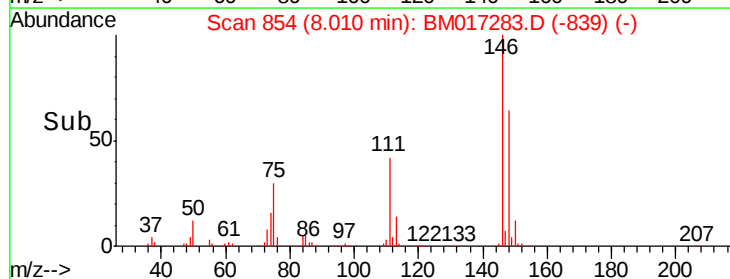
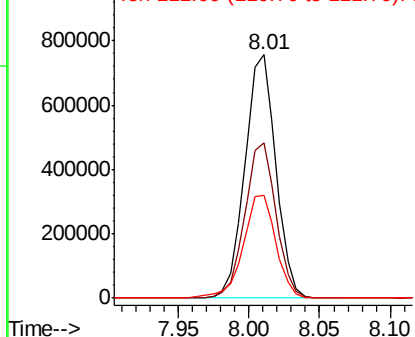


#14
1,2-Dichlorobenzene
Concen: 42.284 ng
RT: 8.01 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Tgt Ion:146 Resp: 1162983
Ion Ratio Lower Upper
146 100
148 63.6 50.8 76.2
111 42.4 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: 49.071 ng

RT: 7.90 min Scan# 836

Delta R.T. -0.02 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Instrument :

BNA_M

ClientSampleId :

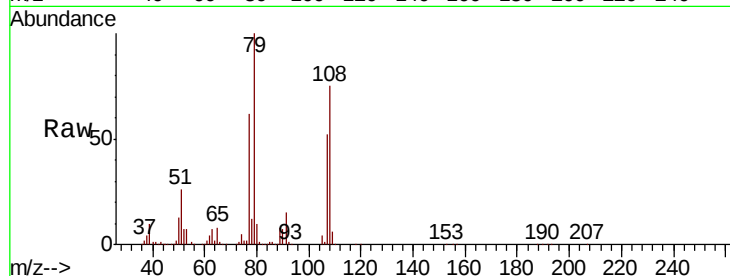
Tot Ion: 79 Resp: 1012093

Ion Ratio Lower Upper

79 100

108 74.7 60.3 90.5

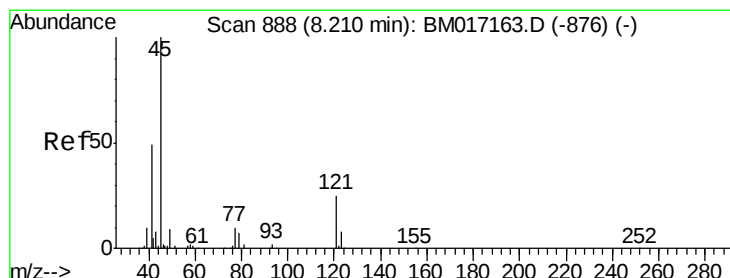
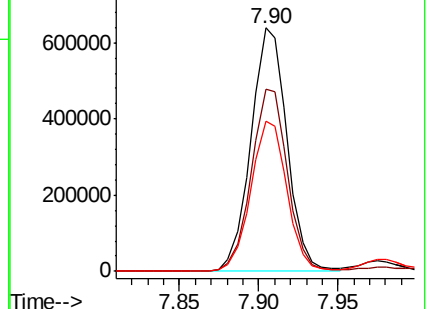
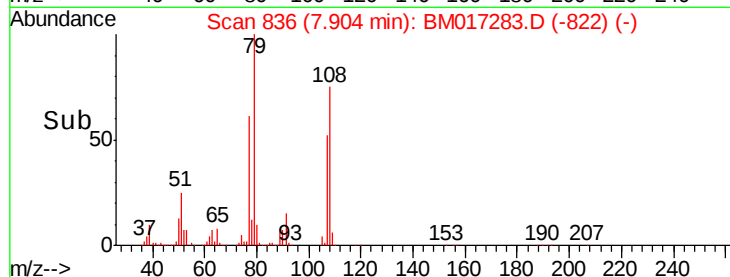
77 61.5 54.8 82.2



Abundance Ion 79.00 (78.70 to 79.70): BM017283.D (-822) (-)

Ion 108.00 (107.70 to 108.70): BM017283.D (-822) (-)

Ion 77.00 (76.70 to 77.70): BM017283.D (-822) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.654 ng

RT: 8.19 min Scan# 884

Delta R.T. -0.02 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

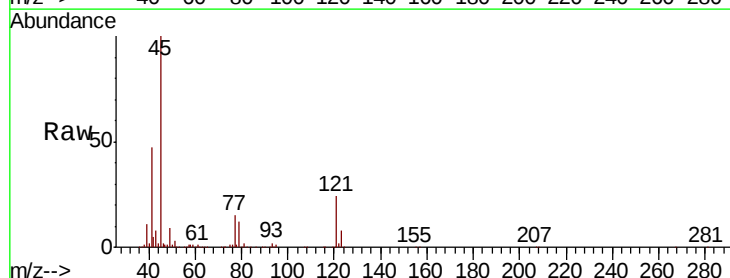
Tgt Ion: 45 Resp: 1374980

Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.5

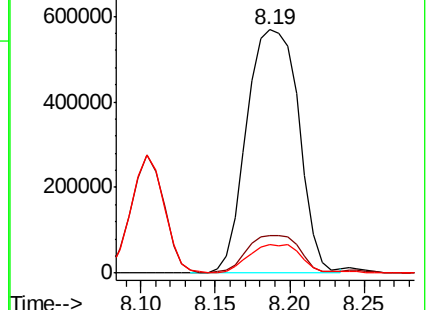
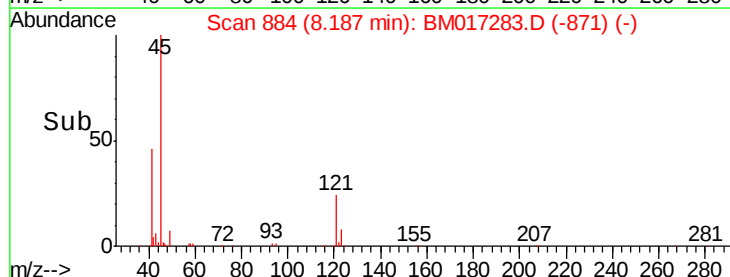
79 11.8 0.0 32.1



Abundance Ion 45.00 (44.70 to 45.70): BM017283.D (-871) (-)

Ion 77.00 (76.70 to 77.70): BM017283.D (-871) (-)

Ion 79.00 (78.70 to 79.70): BM017283.D (-871) (-)





#17

2-Methylphenol

Concen: 46.033 ng

RT: 8.10 min Scan# 870

Delta R.T. -0.02 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 897290

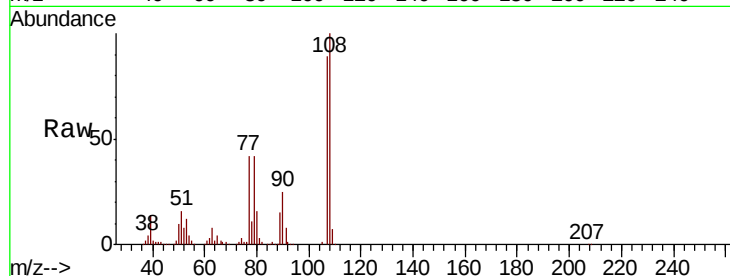
Ion Ratio Lower Upper

107 100

108 112.7 90.3 135.5

77 47.4 37.0 55.4

79 47.6 35.8 53.6

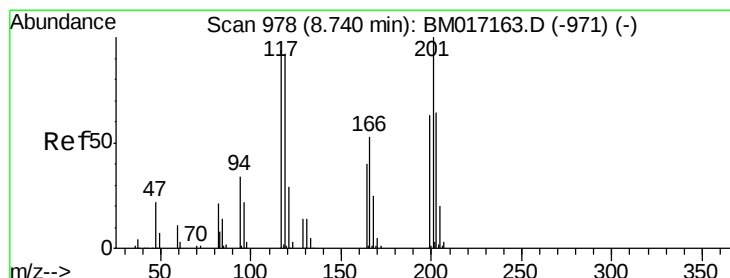
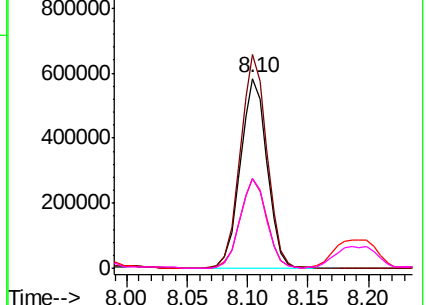
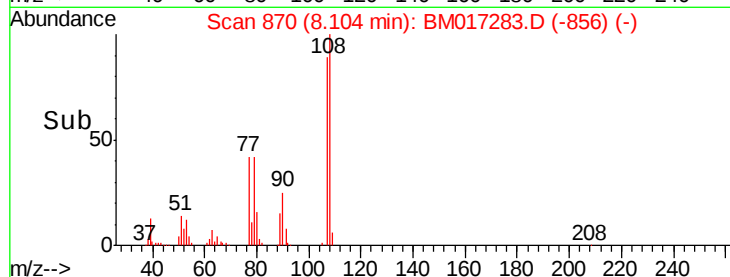


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 43.300 ng

RT: 8.72 min Scan# 975

Delta R.T. -0.02 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

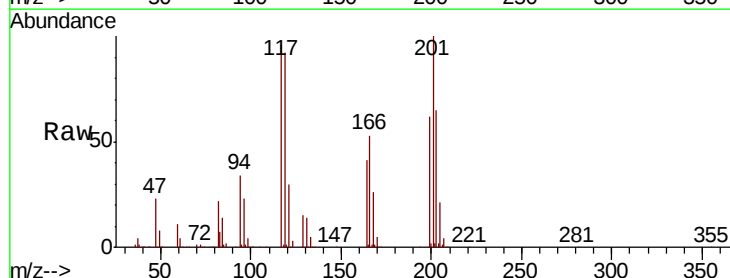
Tgt Ion:117 Resp: 423012

Ion Ratio Lower Upper

117 100

119 96.3 78.2 117.2

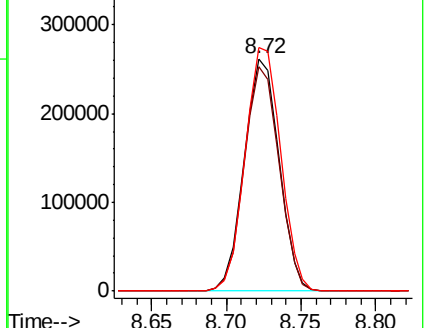
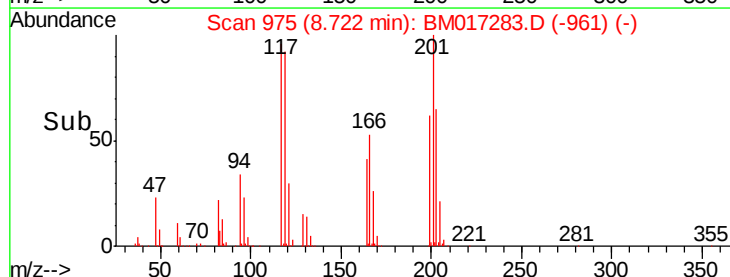
201 104.7 85.3 127.9

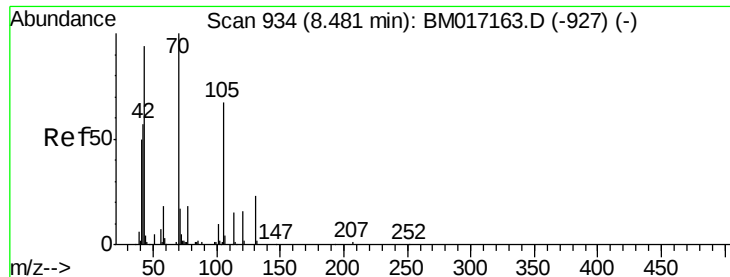


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

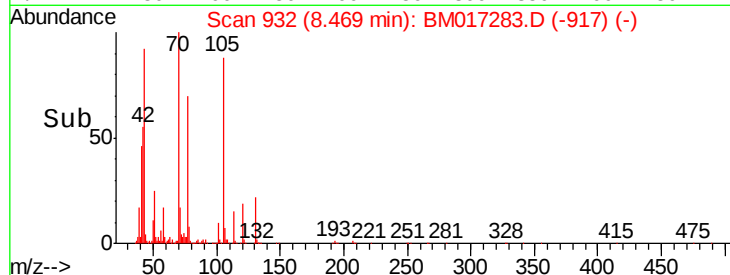
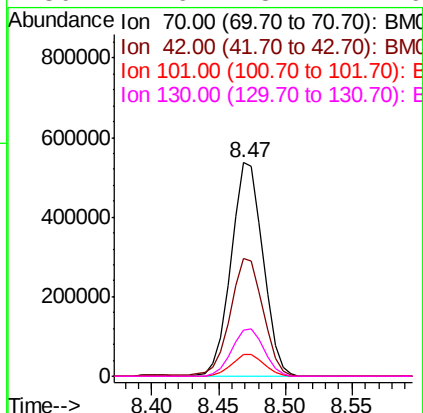
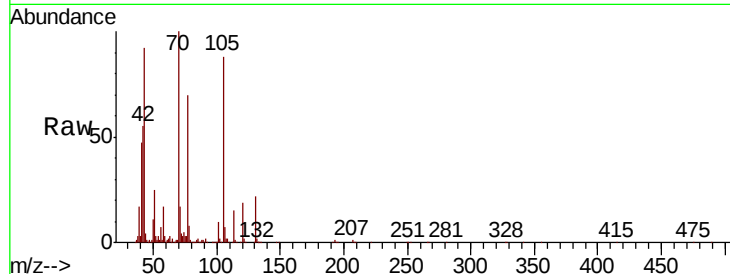




#19
n-Nitroso-di-n-propylamine
Concen: 48.024 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

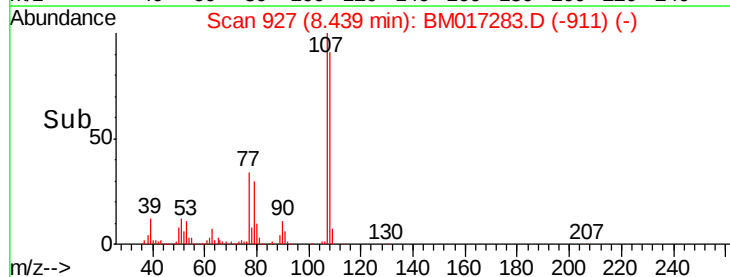
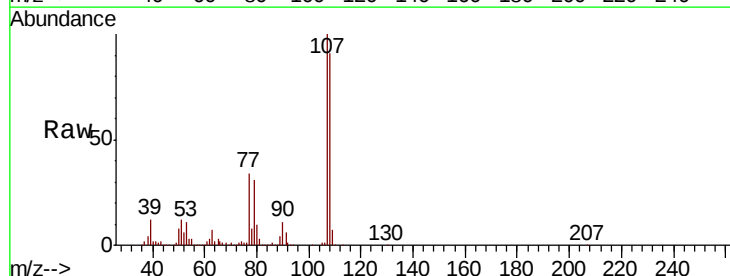
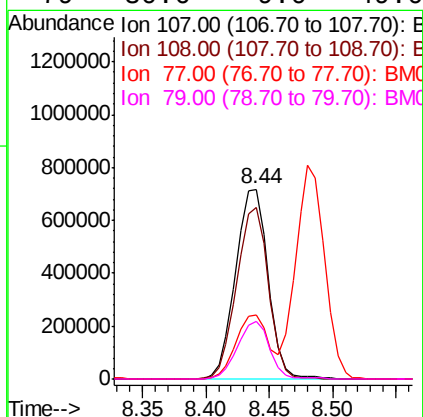
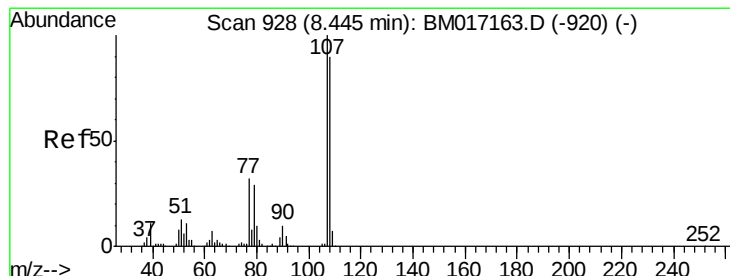
Instrument :
BNA_M
ClientSampleId :

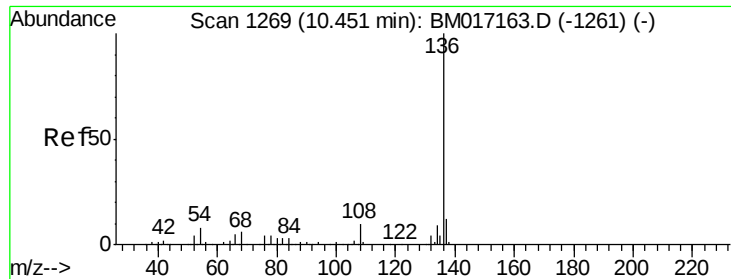
Tot Ion:	70	Resp:	892282
Ion	Ratio	Lower	Upper
70	100		
42	55.3	46.1	69.1
101	10.0	8.2	12.4
130	21.6	18.4	27.6



#20
3+4-Methylphenols
Concen: 47.922 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Tgt Ion:	107	Resp:	1277614
Ion	Ratio	Lower	Upper
107	100		
108	90.7	69.9	109.9
77	34.0	12.2	52.2
79	30.6	9.0	49.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 1637682

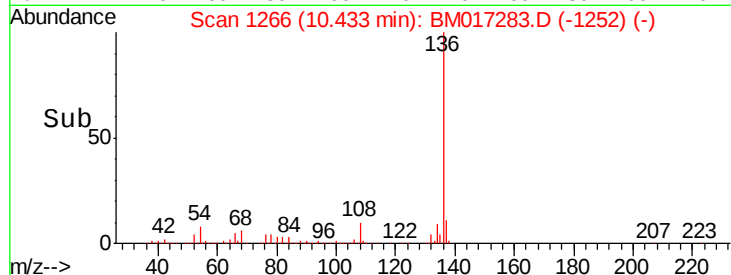
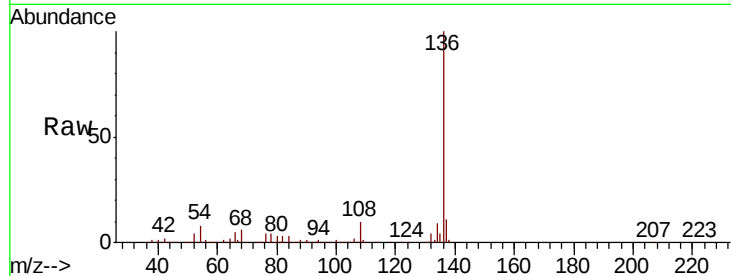
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 7.9 6.7 10.1

68 5.9 4.7 7.1



Abundance Ion 136.00 (135.70 to 136.70): E

1500000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

1000000

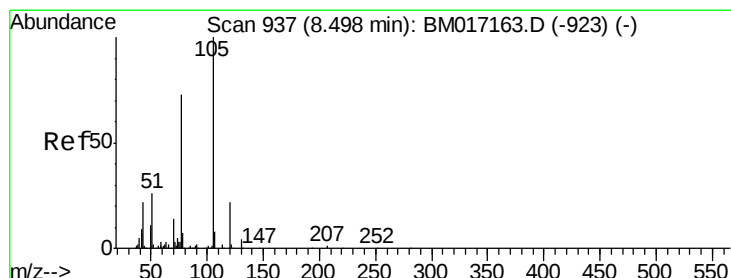
500000

0

10.43

10.40 10.50

Time-->



#22

Acetophenone

Concen: 41.167 ng

RT: 8.48 min Scan# 934

Delta R.T. -0.02 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Tgt Ion:105 Resp: 1708979

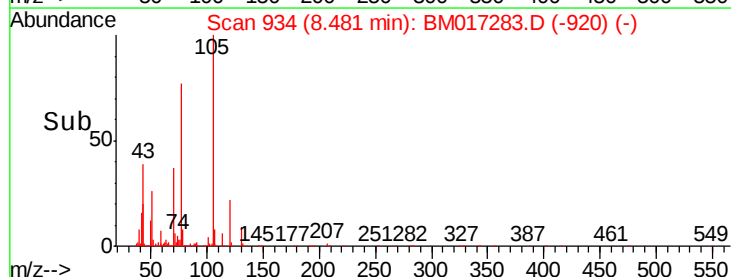
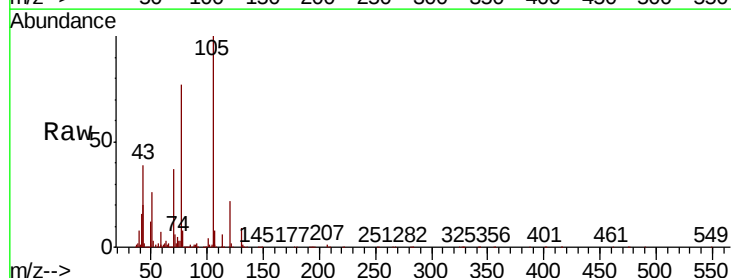
Ion Ratio Lower Upper

105 100

71 6.1 2.0 3.0#

51 26.2 20.6 31.0

120 22.1 17.5 26.3



Abundance Ion 105.00 (104.70 to 105.70): E

1500000 Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E

1000000

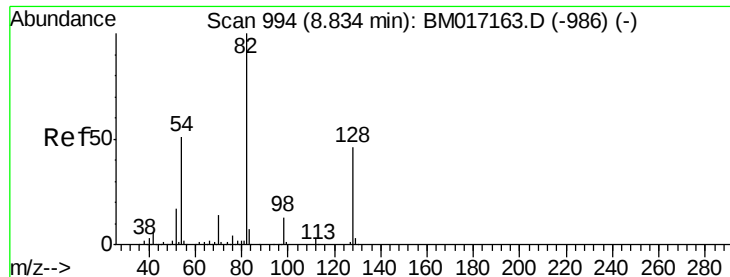
500000

0

8.48

8.40 8.50 8.60

Time-->

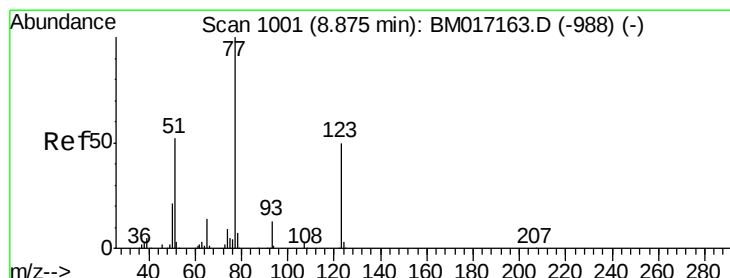
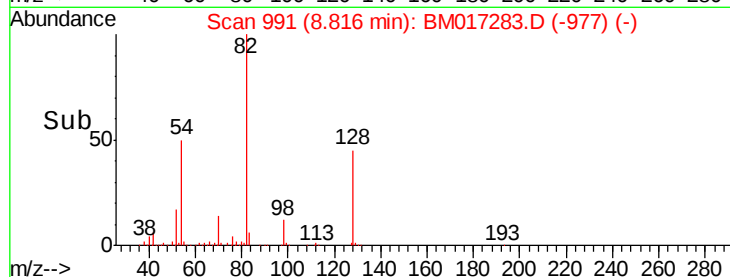
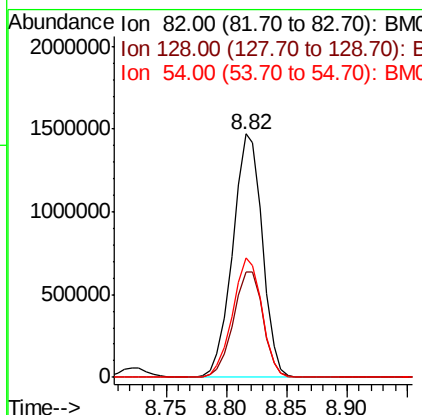
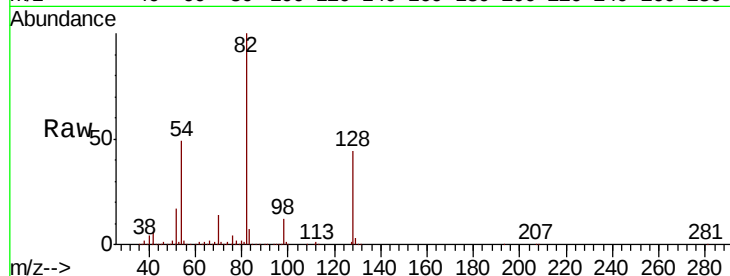


#23
 Nitrobenzene-d5
 Concen: 89.692 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BM017283.D
 Acq: 22 Oct 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 2511497

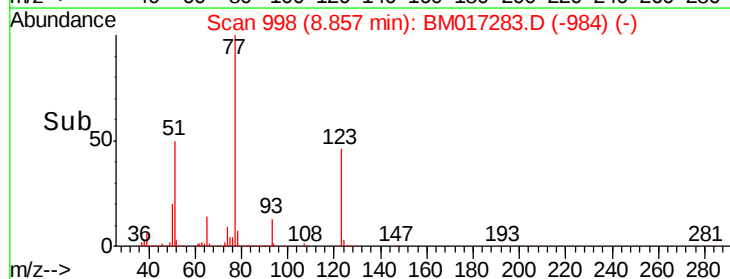
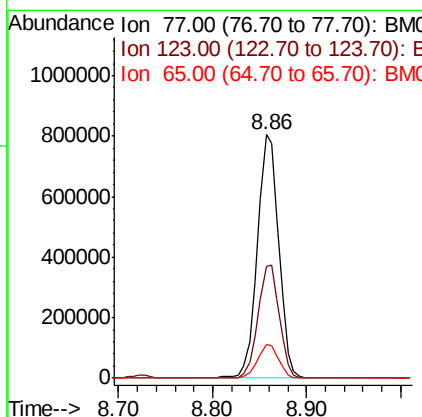
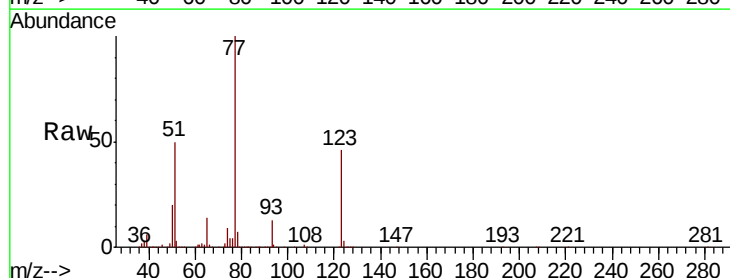
Ion	Ratio	Lower	Upper
82	100		
128	43.5	37.0	55.6
54	49.2	40.7	61.1

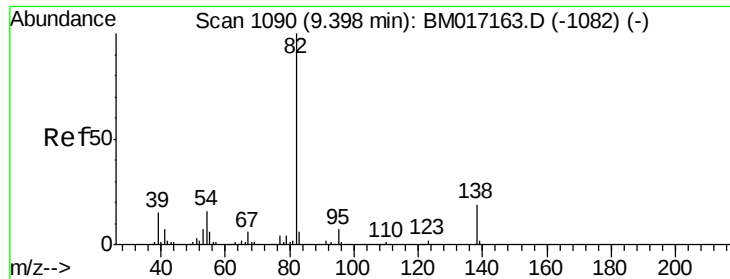


#24
 Nitrobenzene
 Concen: 42.648 ng
 RT: 8.86 min Scan# 998
 Delta R.T. -0.02 min
 Lab File: BM017283.D
 Acq: 22 Oct 2018 17:40

Tgt Ion: 77 Resp: 1263211

Ion	Ratio	Lower	Upper
77	100		
123	46.0	40.2	60.4
65	13.9	11.4	17.0

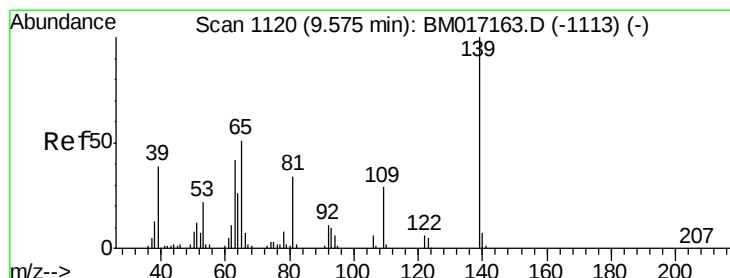
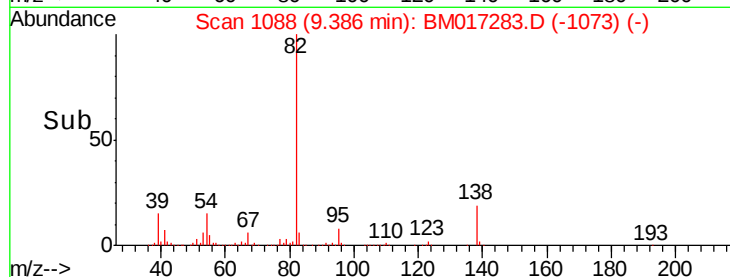
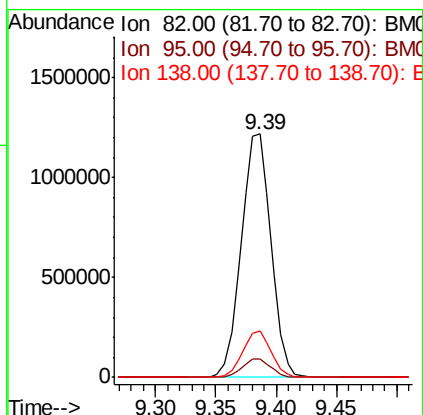
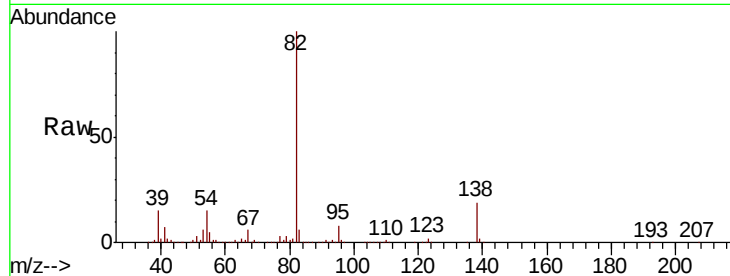




#25
Isophorone
Concen: 45.240 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

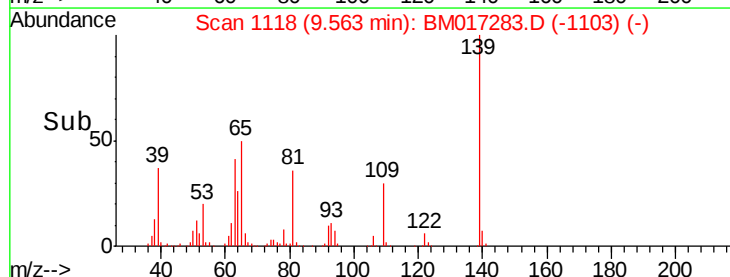
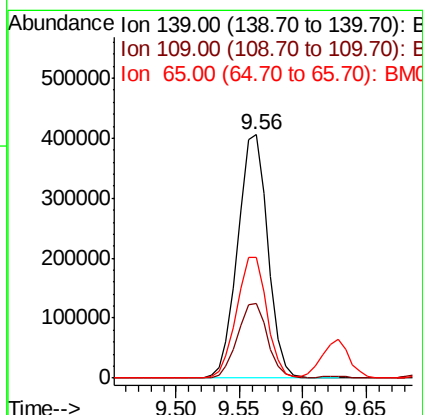
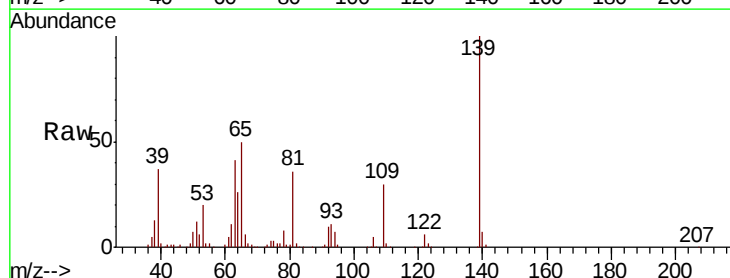
Instrument :
BNA_M
ClientSampleId :

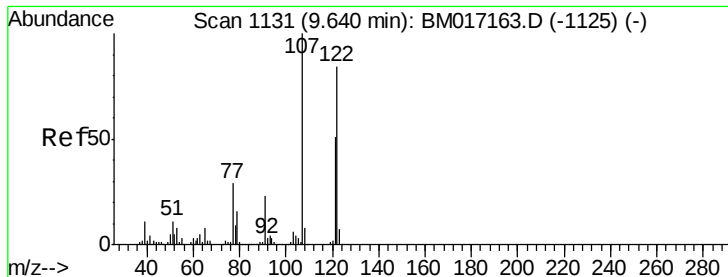
Tot Ion: 82 Resp: 2091823
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 19.0 15.4 23.2



#26
2-Nitrophenol
Concen: 48.164 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Tgt Ion: 139 Resp: 667969
Ion Ratio Lower Upper
139 100
109 30.5 23.2 34.8
65 49.7 40.6 61.0





#27

2,4-Dimethylphenol

Concen: 45.654 ng

RT: 9.63 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Instrument :

BNA_M

ClientSampleId :

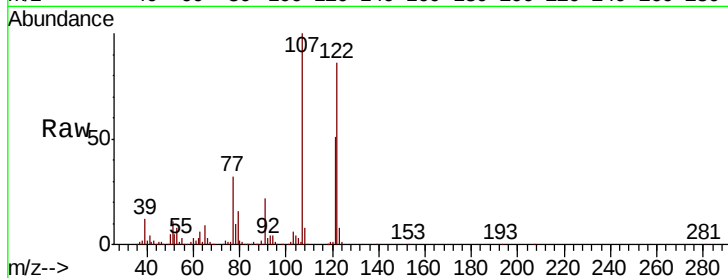
Tot Ion:122 Resp: 933424

Ion Ratio Lower Upper

122 100

107 116.3 95.0 142.6

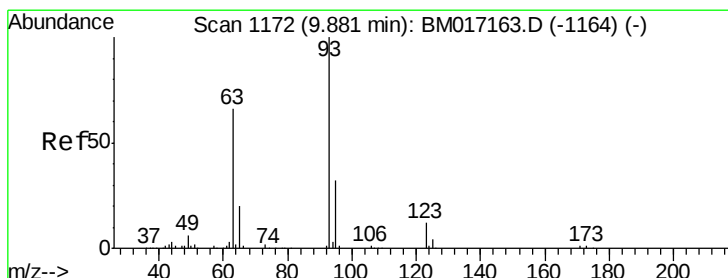
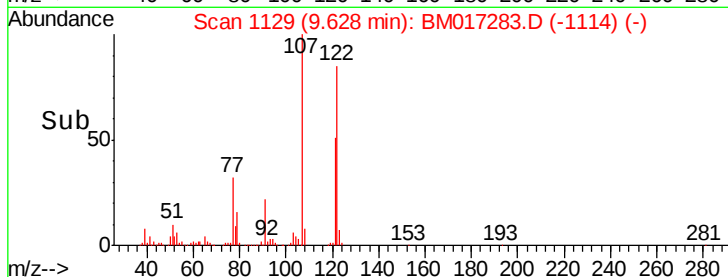
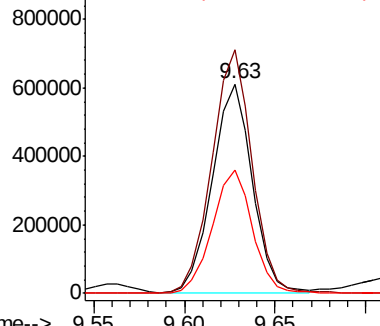
121 58.7 48.2 72.4



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: 43.237 ng

RT: 9.86 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

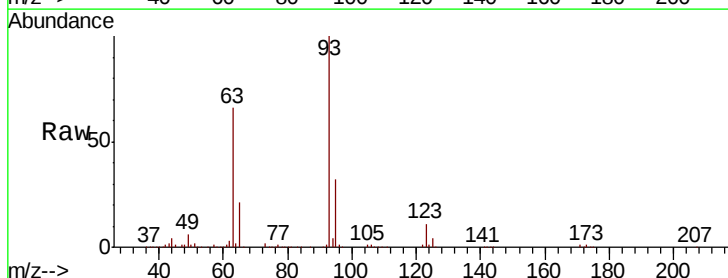
Tgt Ion: 93 Resp: 1407128

Ion Ratio Lower Upper

93 100

95 32.5 25.7 38.5

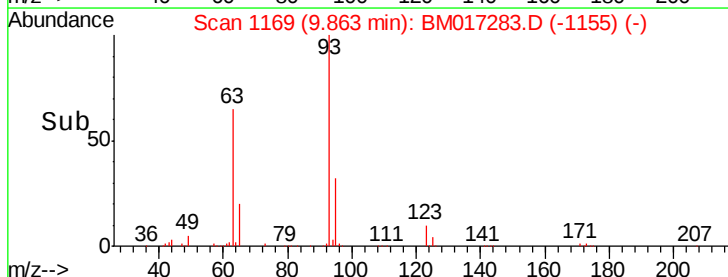
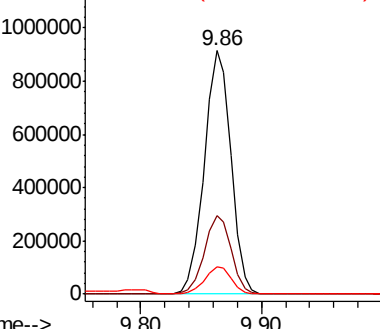
123 11.4 9.4 14.0

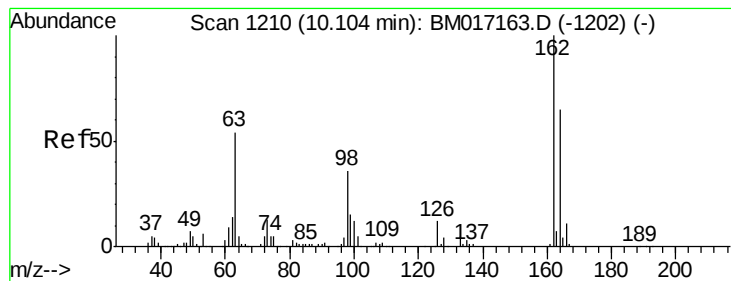


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 47.216 ng

RT: 10.09 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Instrument :

BNA_M

ClientSampled :

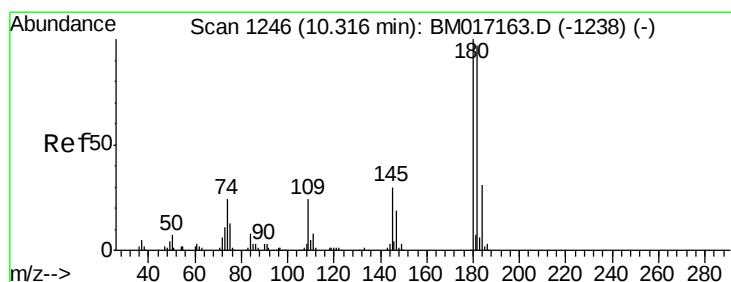
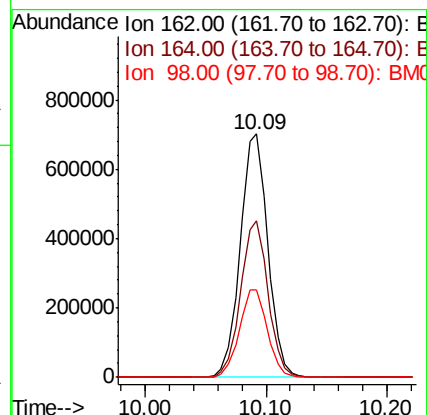
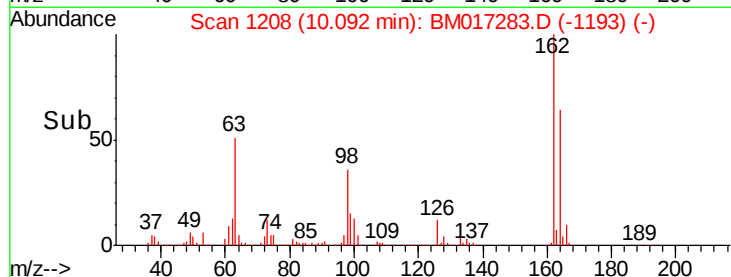
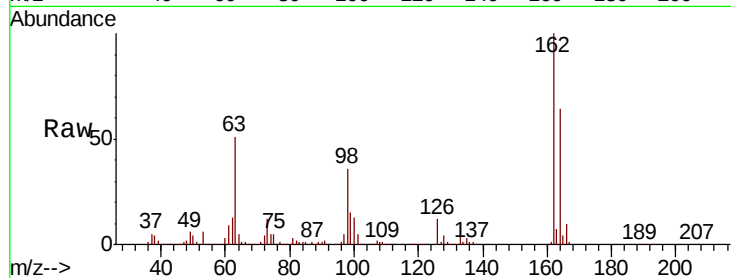
Tot Ion:162 Resp: 1120852

Ion Ratio Lower Upper

162 100

164 64.1 44.9 84.9

98 36.0 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 42.359 ng

RT: 10.30 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

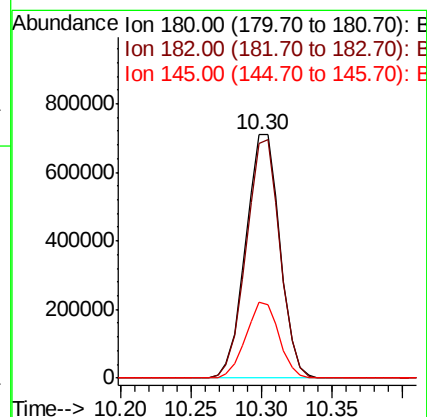
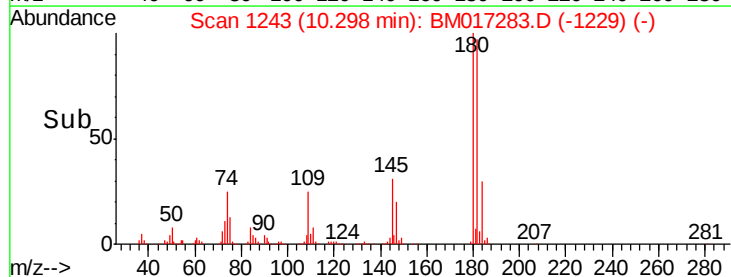
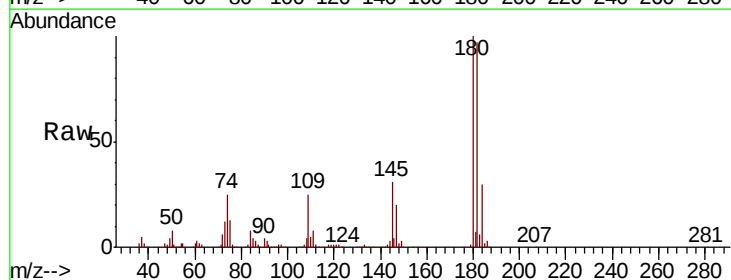
Tgt Ion:180 Resp: 1206268

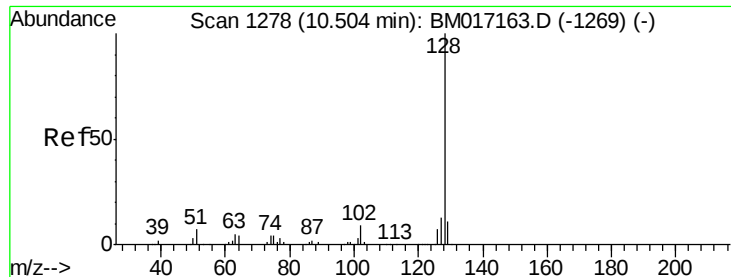
Ion Ratio Lower Upper

180 100

182 96.6 77.5 116.3

145 31.2 24.0 36.0

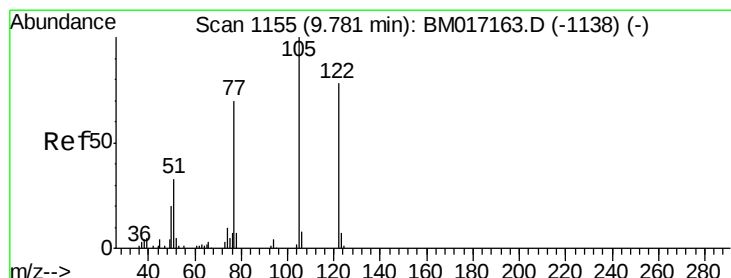
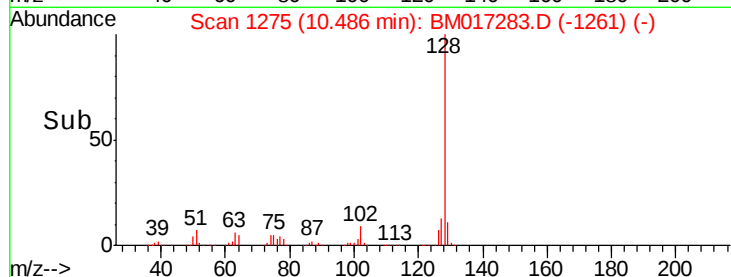
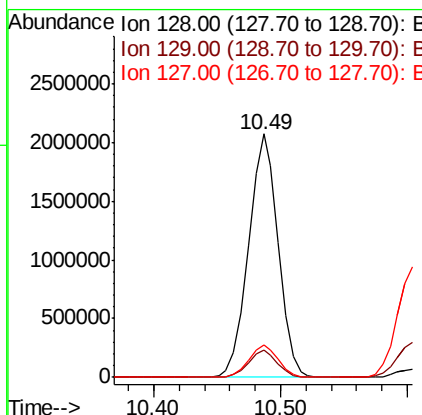
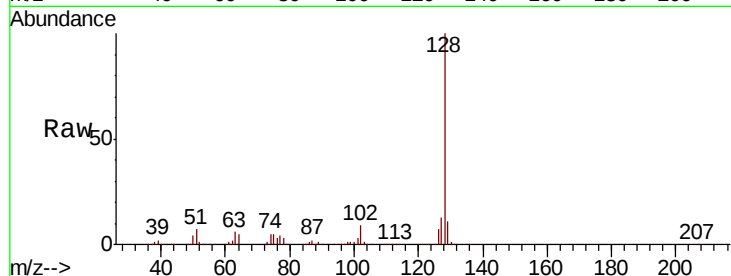




#31
Naphthalene
Concen: 41.716 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

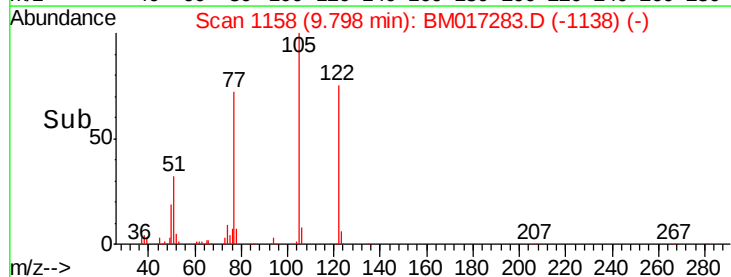
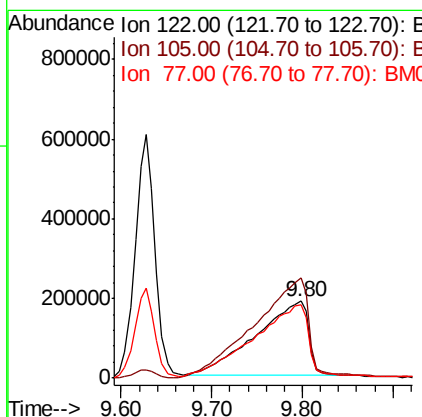
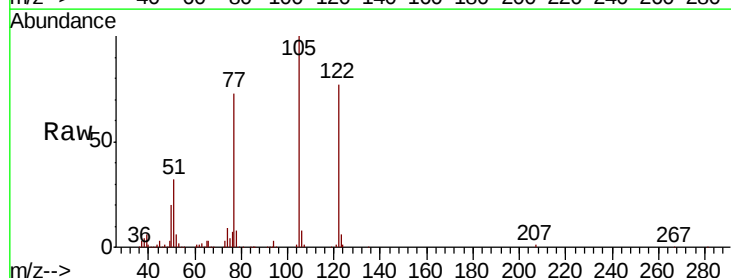
Instrument :
BNA_M
ClientSampled :

Tot Ion:128 Resp: 3347987
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 48.721 ng
RT: 9.80 min Scan# 1158
Delta R.T. 0.02 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Tgt Ion:122 Resp: 743261
Ion Ratio Lower Upper
122 100
105 130.6 102.0 142.0
77 95.3 67.7 107.7

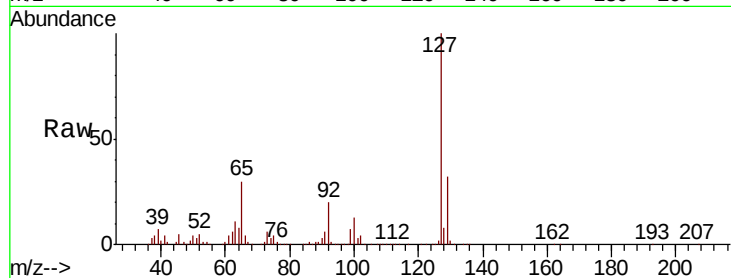




#33
4-Chloroaniline
Concen: 44.952 ng
RT: 10.60 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	1558112
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	29.8	23.7	35.5
92	19.8	14.3	21.5



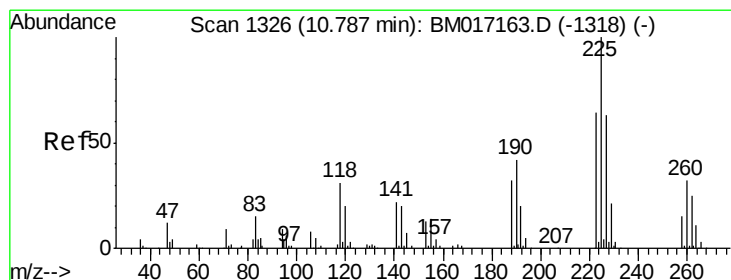
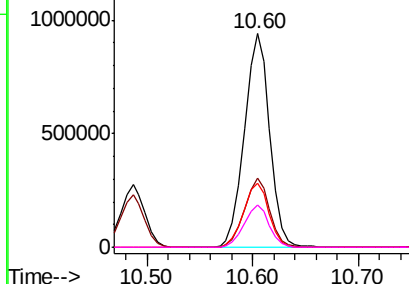
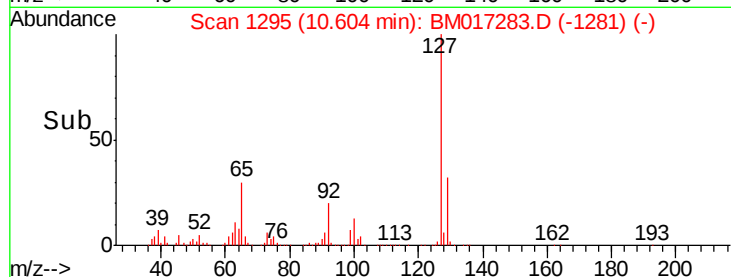
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

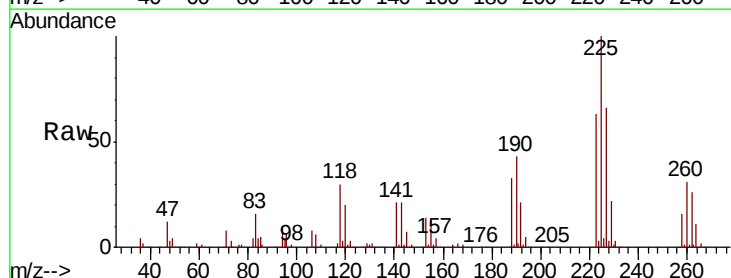
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 41.262 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Tgt Ion:	225	Resp:	744533
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.6
227	65.6	50.8	76.2

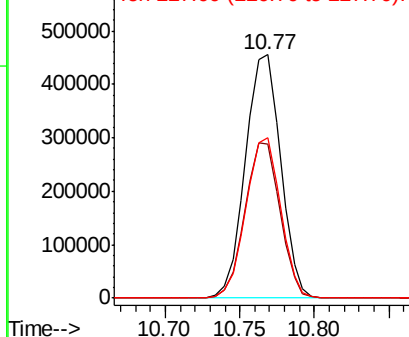
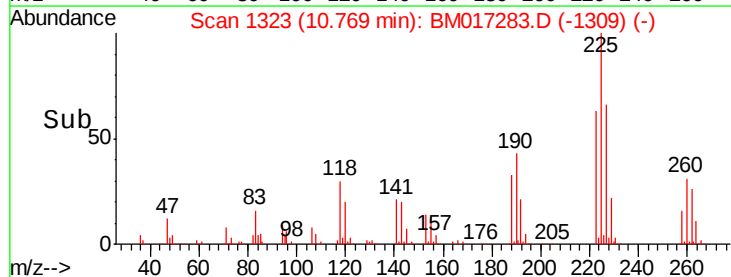


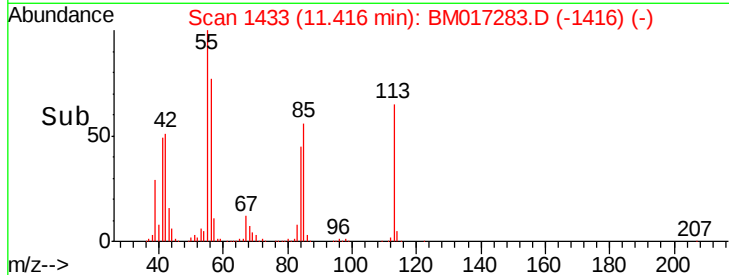
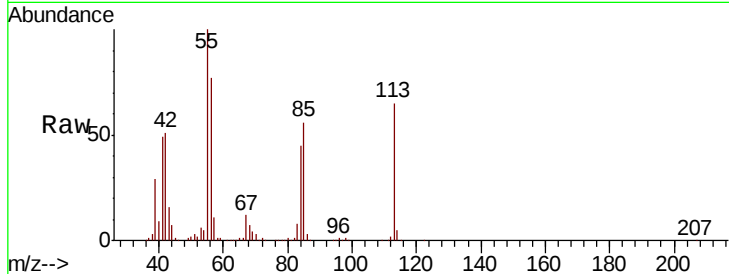
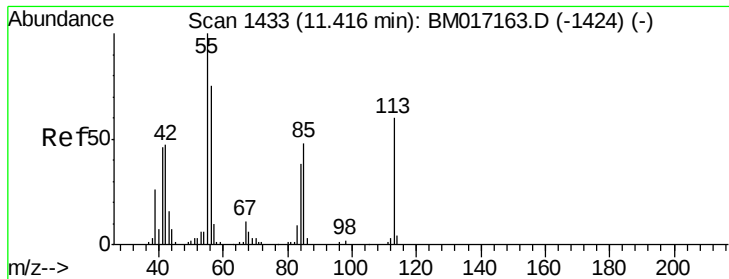
Abundance

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: 45.976 ng

RT: 11.42 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Instrument :

BNA_M

ClientSampleId :

Tot Ion:113 Resp: 397757

Ion Ratio Lower Upper

113 100

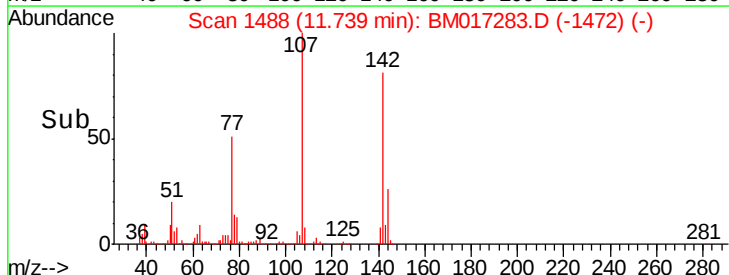
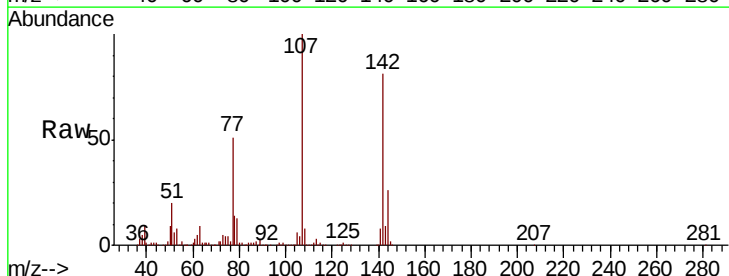
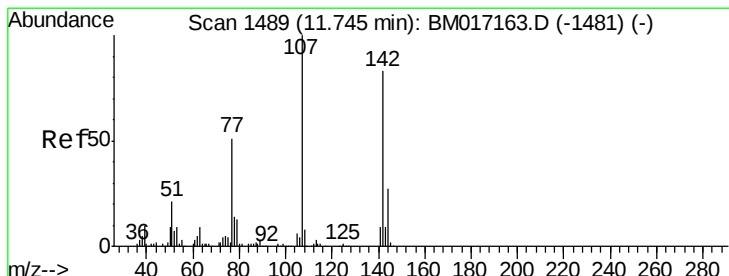
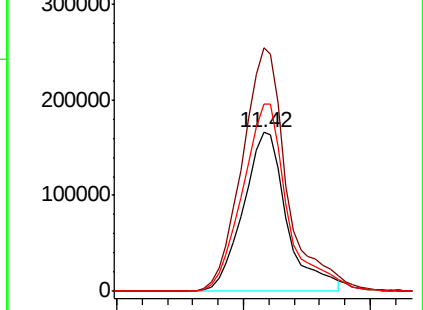
55 153.3 147.0 187.0

56 117.9 104.5 144.5

Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 46.967 ng

RT: 11.74 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Tgt Ion:107 Resp: 1256770

Ion Ratio Lower Upper

107 100

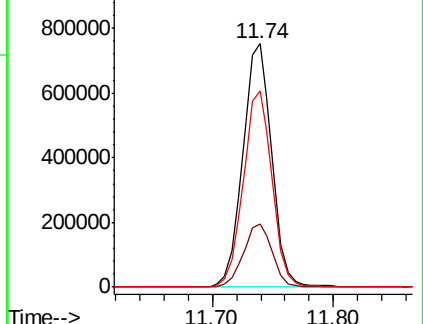
144 25.8 21.6 32.4

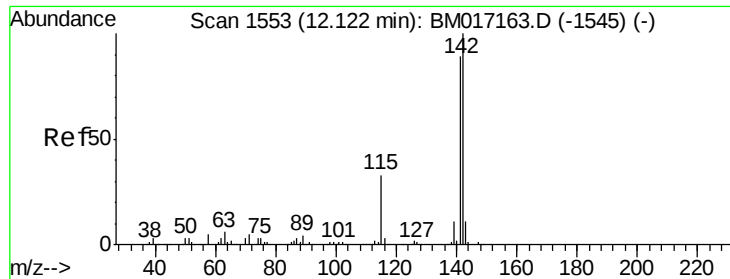
142 80.8 66.0 99.0

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

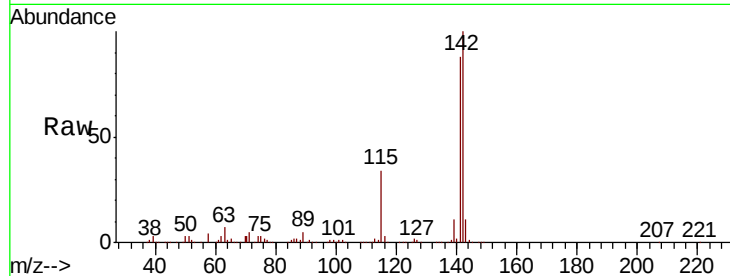




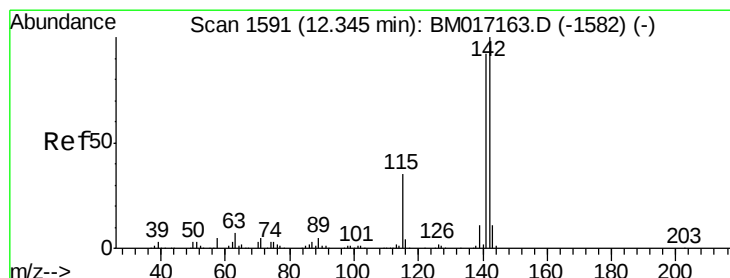
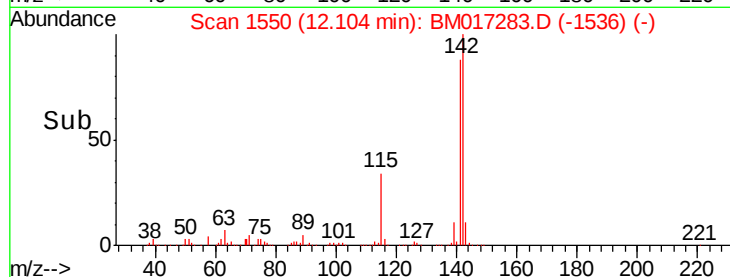
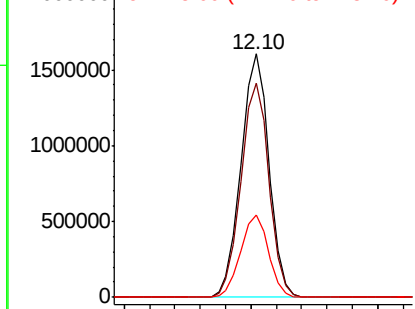
#37
2-Methylnaphthalene
Concen: 44.678 ng
RT: 12.10 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:142 Resp: 2453703
Ion Ratio Lower Upper
142 100
141 87.9 70.9 106.3
115 33.8 26.4 39.6

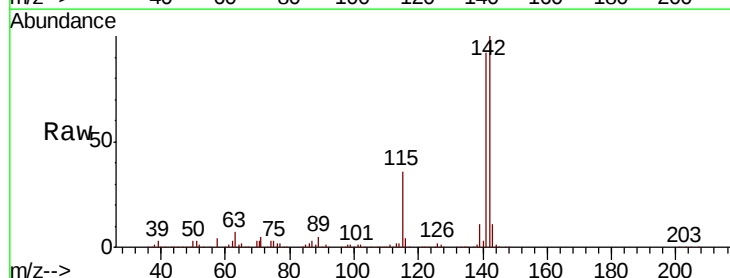


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

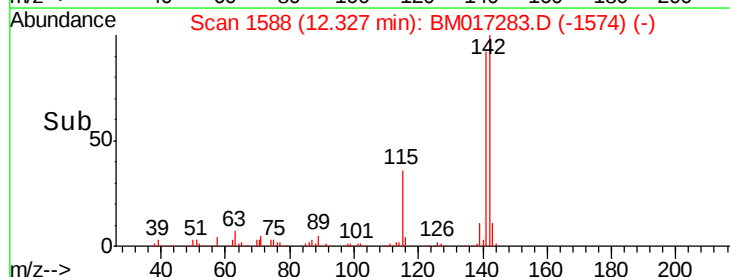
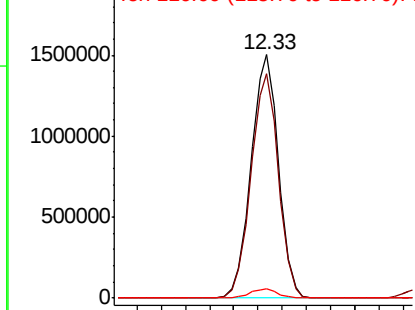


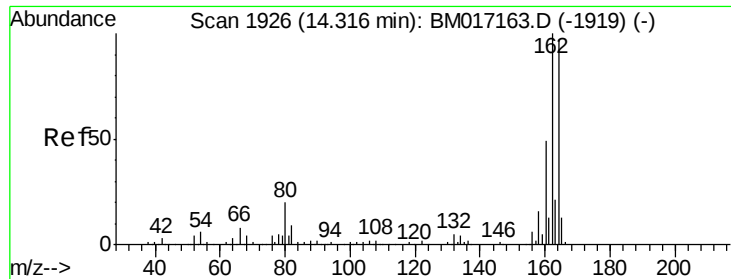
#38
1-Methylnaphthalene
Concen: 44.266 ng
RT: 12.33 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Tgt Ion:142 Resp: 2366136
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6
116 3.8 2.9 4.3



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Instrument :

BNA_M

ClientSampleId :

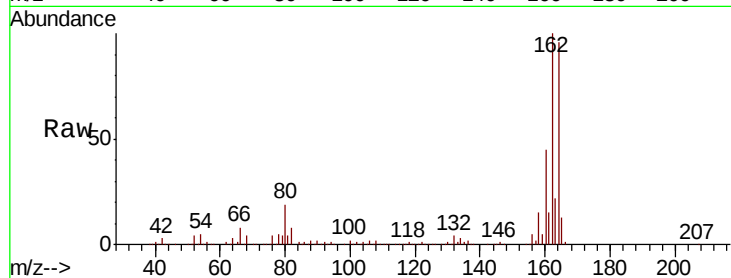
Tot Ion:164 Resp: 987842

Ion Ratio Lower Upper

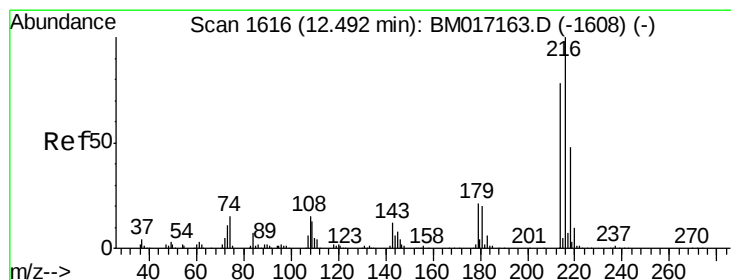
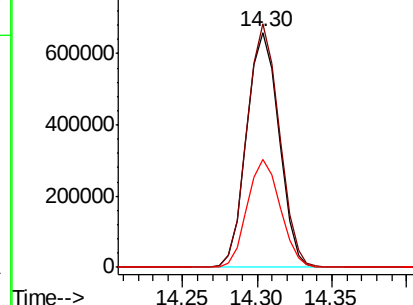
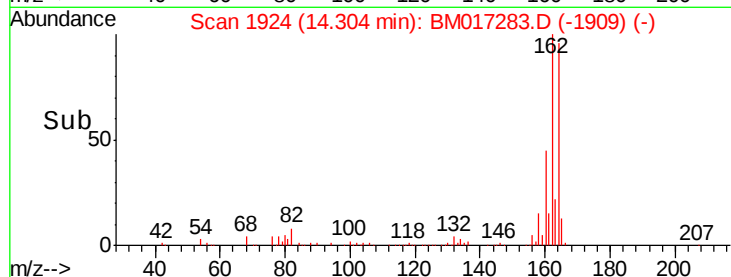
164 100

162 103.7 82.1 123.1

160 46.2 40.2 60.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.105 ng

RT: 12.47 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Tgt Ion:216 Resp: 1464782

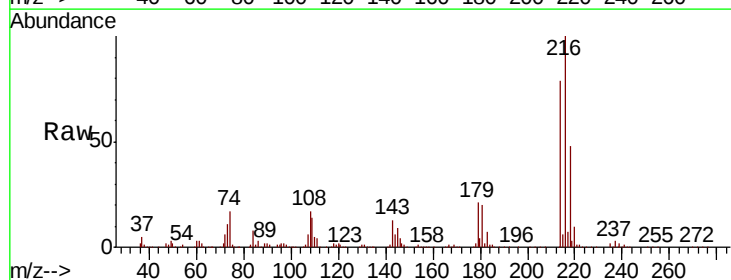
Ion Ratio Lower Upper

216 100

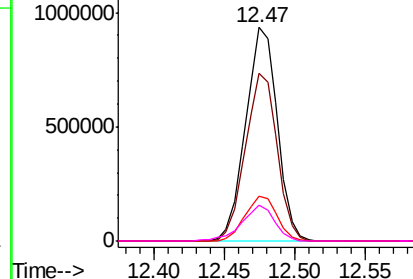
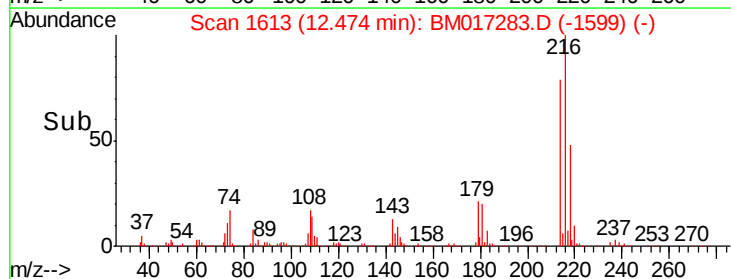
214 78.8 62.6 93.8

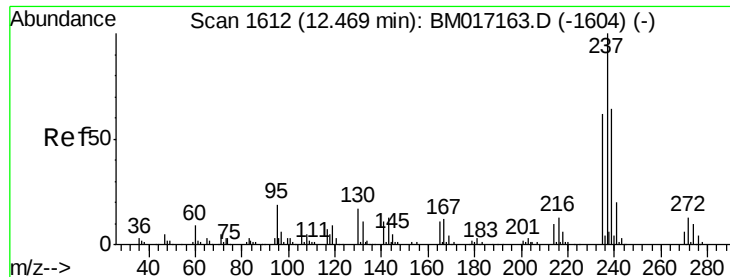
179 21.1 16.6 24.8

108 17.4 13.5 20.3



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.069 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Instrument :

BNA_M

ClientSampleId :

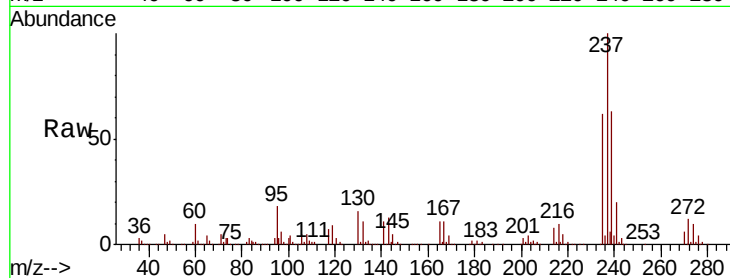
Tot Ion:237 Resp: 673873

Ion Ratio Lower Upper

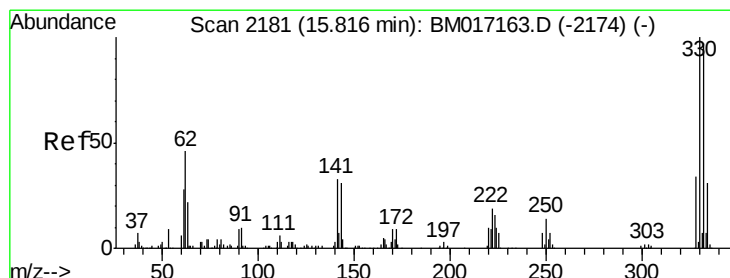
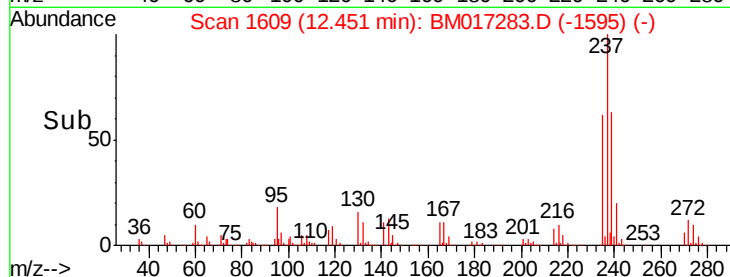
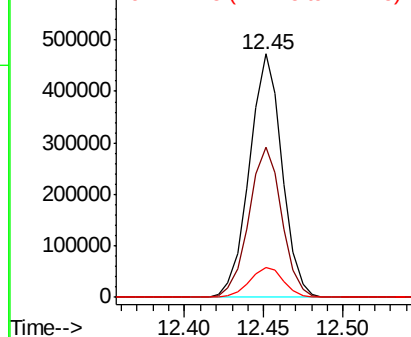
237 100

235 61.9 42.4 82.4

272 12.5 0.0 33.0



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



#42

2,4,6-Tribromophenol

Concen: 90.595 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

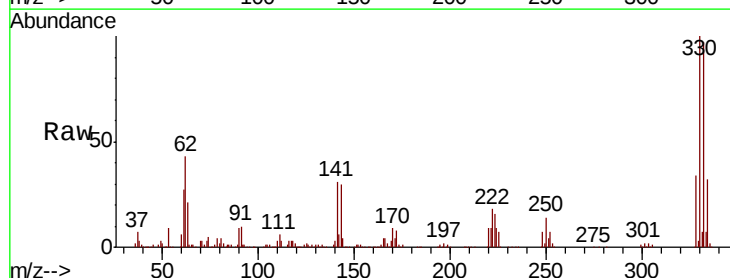
Tgt Ion:330 Resp: 1210267

Ion Ratio Lower Upper

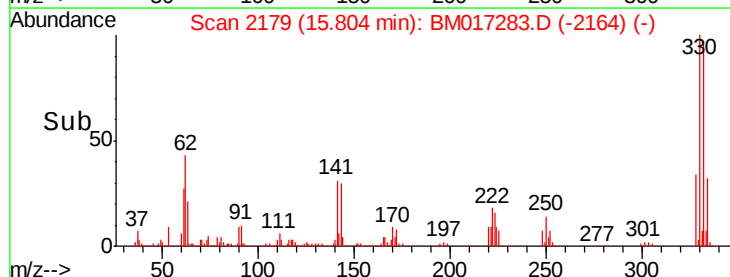
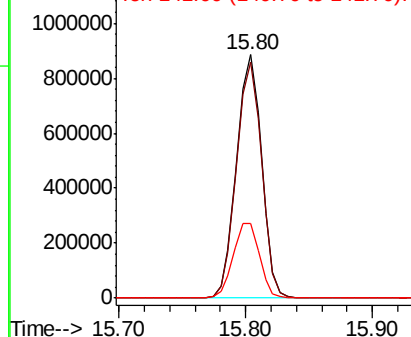
330 100

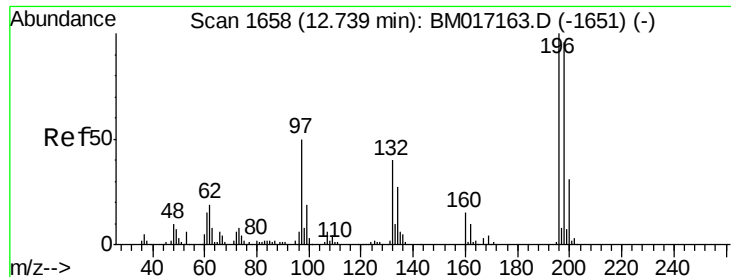
332 97.2 77.3 115.9

141 32.3 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

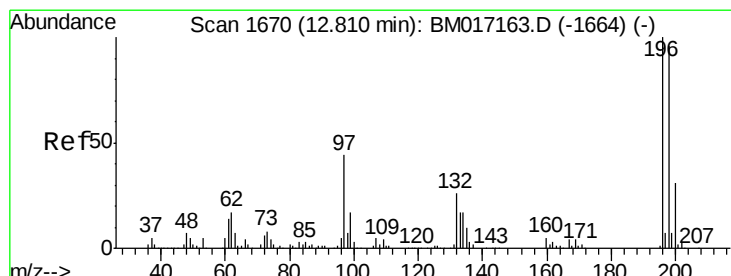
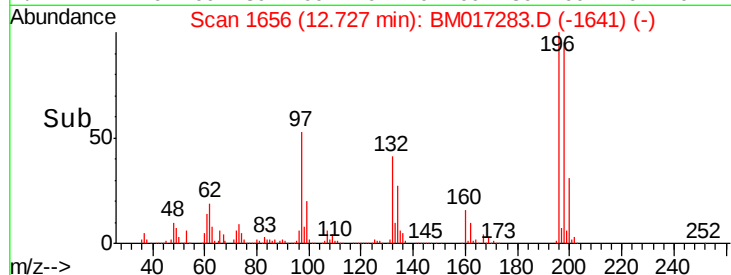
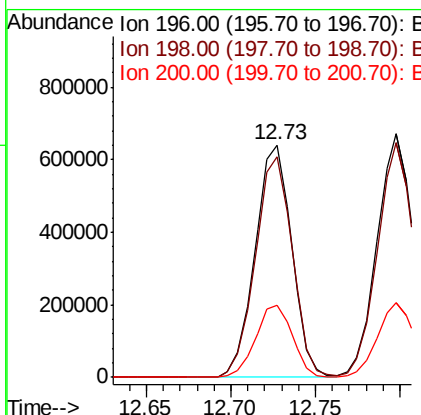
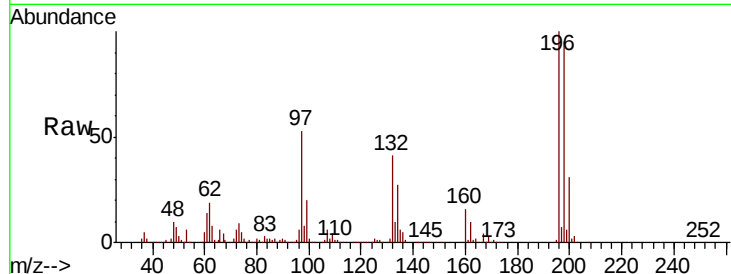




#43
 2,4,6-Trichlorophenol
 Concen: 47.848 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM017283.D
 Acq: 22 Oct 2018 17:40

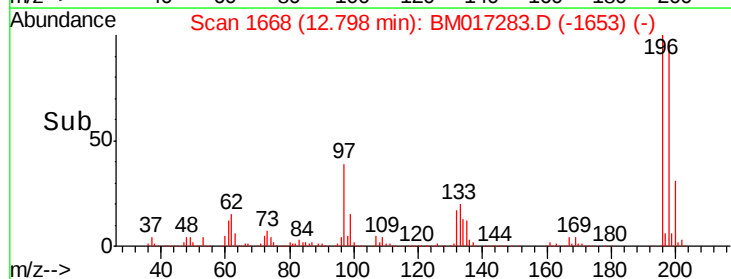
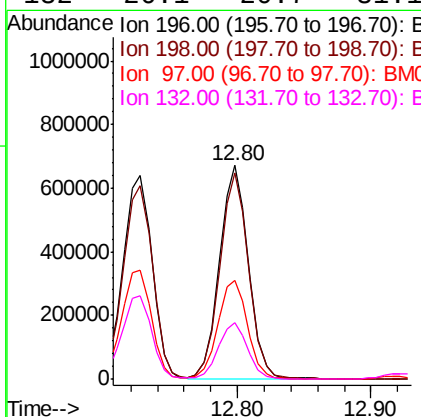
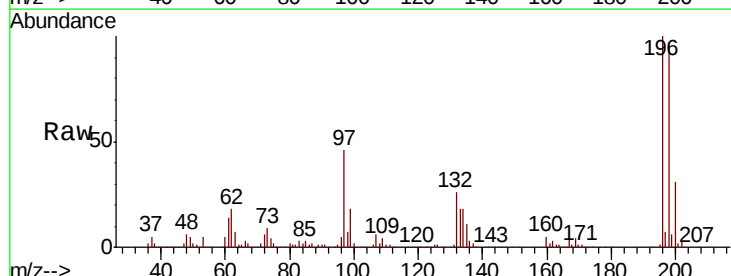
Instrument :
 BNA_M
 ClientSampleId :

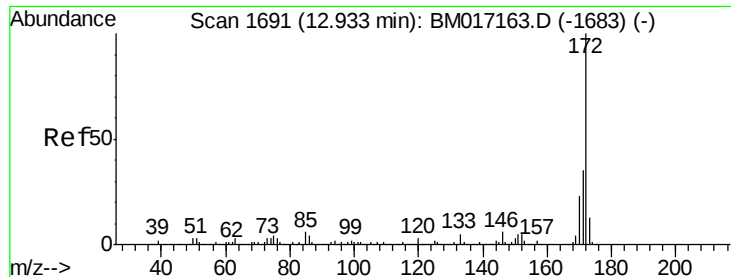
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.1	115.7
200	31.1	25.0	37.4



#44
 2,4,5-Trichlorophenol
 Concen: 46.845 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017283.D
 Acq: 22 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.6	115.0
97	46.3	35.5	53.3
132	26.1	20.7	31.1

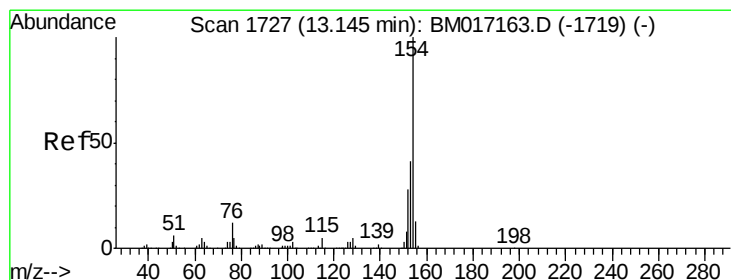
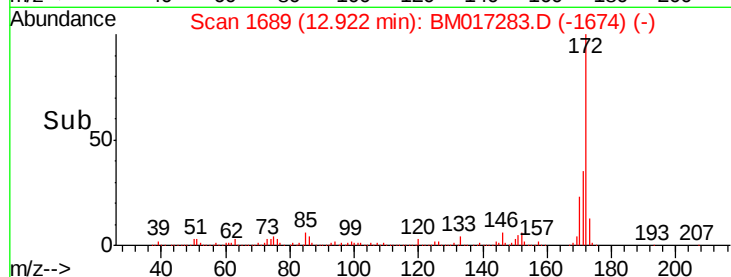
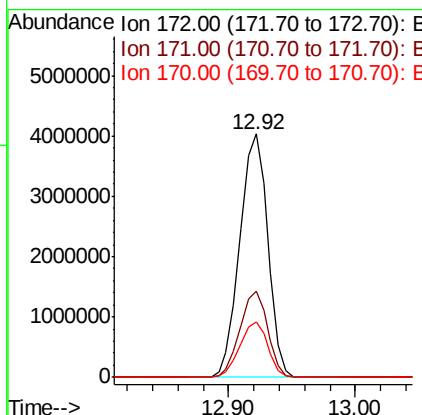
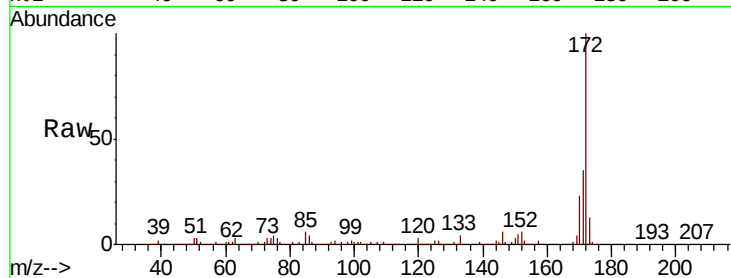




#45
2-Fluorobiphenyl
Concen: 83.237 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

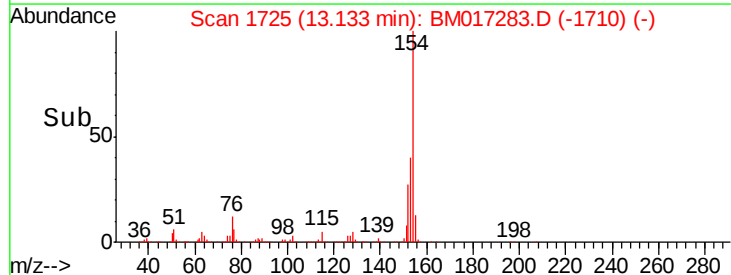
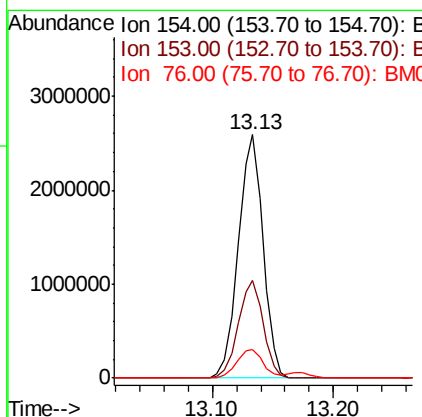
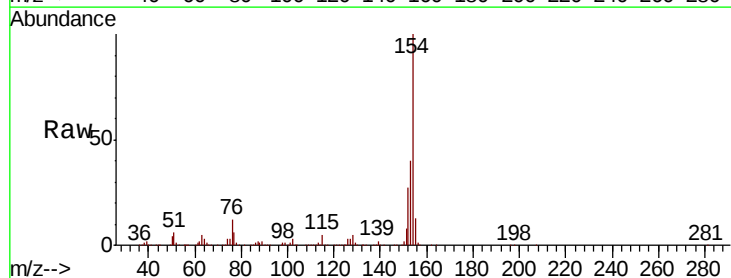
Instrument :
BNA_M
ClientSampled :

Tot Ion:172 Resp: 6179796
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.0 18.3 27.5



#46
1,1'-Biphenyl
Concen: 41.561 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Tgt Ion:154 Resp: 3694549
Ion Ratio Lower Upper
154 100
153 40.0 20.5 60.5
76 11.9 0.0 31.8

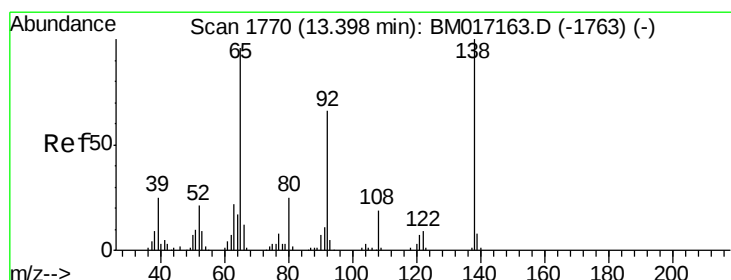
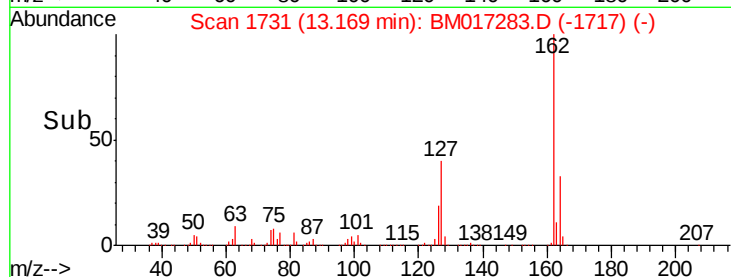
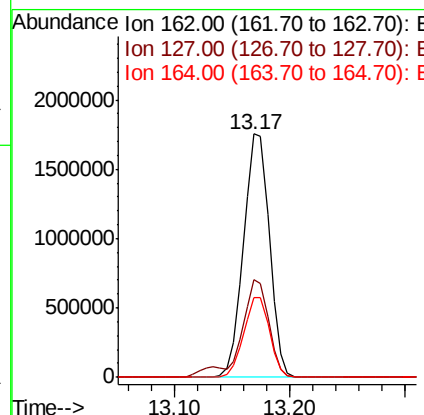
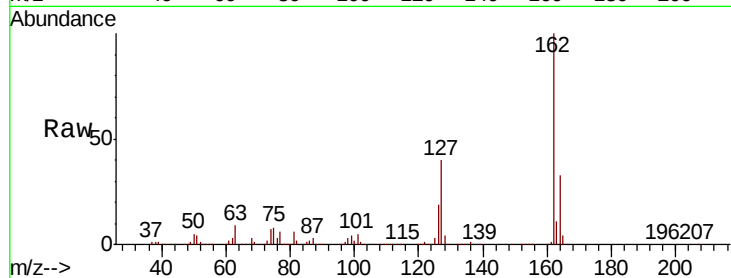




#47
2-Chloronaphthalene
Concen: 41.755 ng
RT: 13.17 min Scan# 1731
Delta R.T. -0.02 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

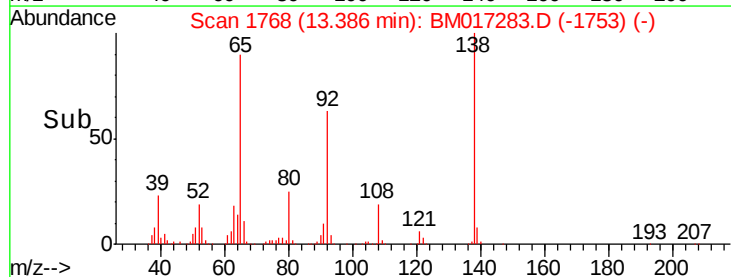
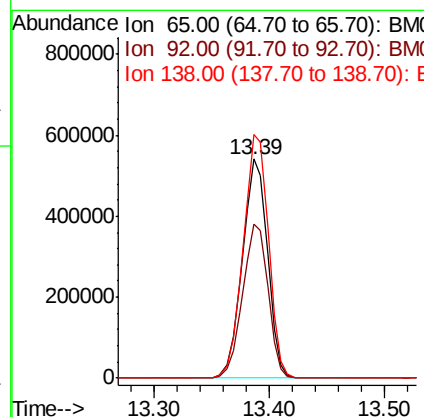
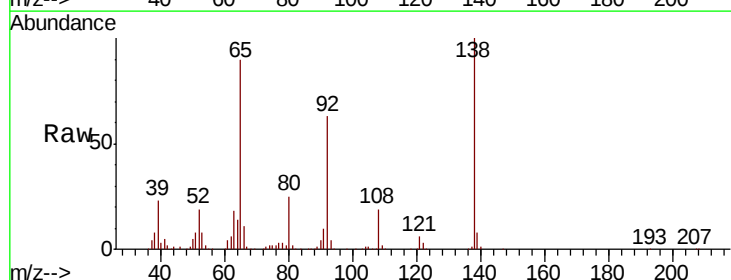
Instrument :
BNA_M
ClientSampleId :

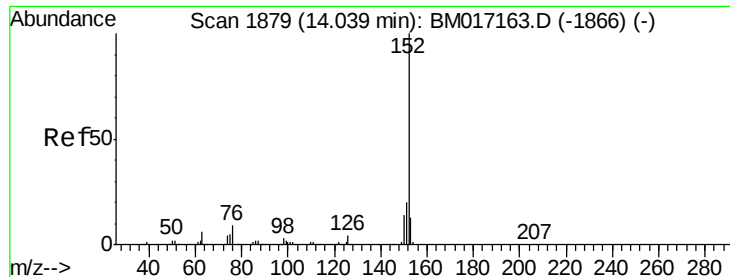
Tot Ion:162 Resp: 2730680
Ion Ratio Lower Upper
162 100
127 40.4 31.0 46.4
164 32.6 26.6 39.8



#48
2-Nitroaniline
Concen: 44.706 ng
RT: 13.39 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Tgt Ion: 65 Resp: 817809
Ion Ratio Lower Upper
65 100
92 70.5 54.9 82.3
138 111.2 83.7 125.5





#49

Acenaphthylene

Concen: 43.762 ng

RT: 14.02 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

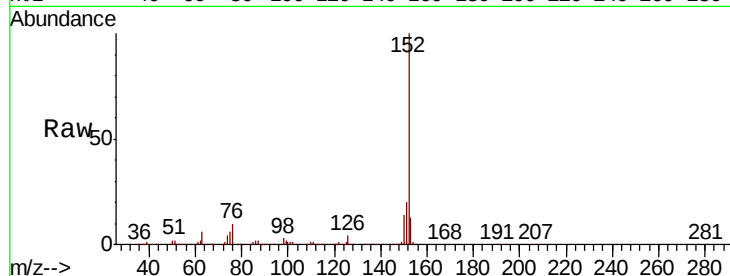
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 4148389

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.4	10.4	15.6

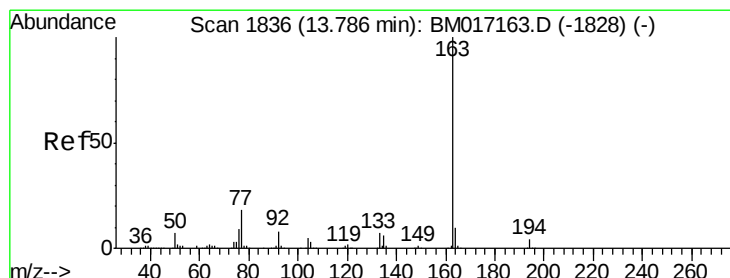
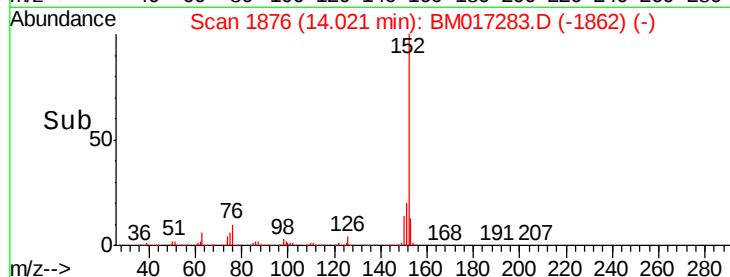
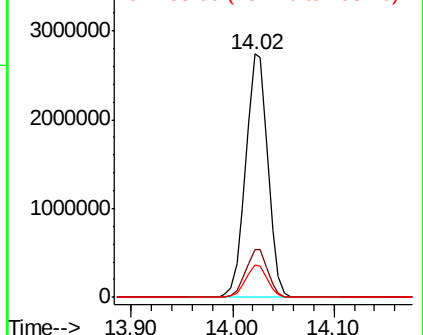


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.451 ng

RT: 13.77 min Scan# 1834

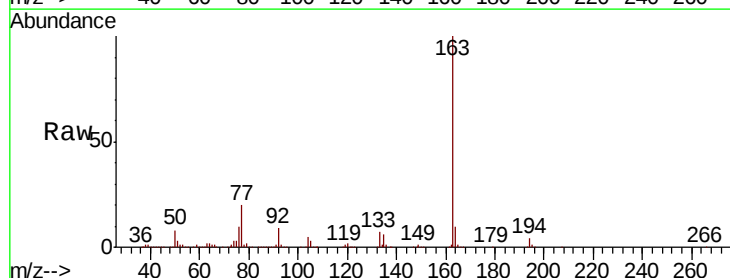
Delta R.T. -0.01 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Tgt Ion:163 Resp: 3311530

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.2	7.8	11.8

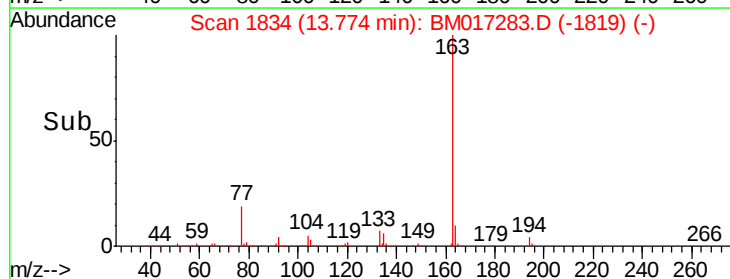
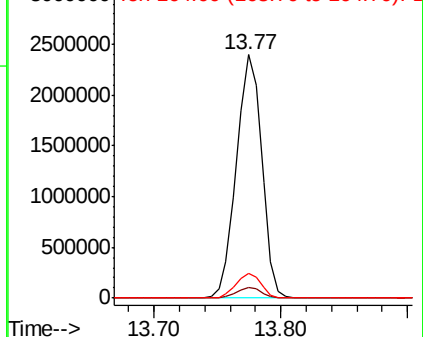


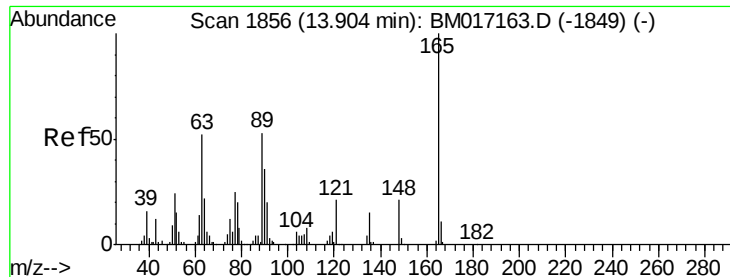
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

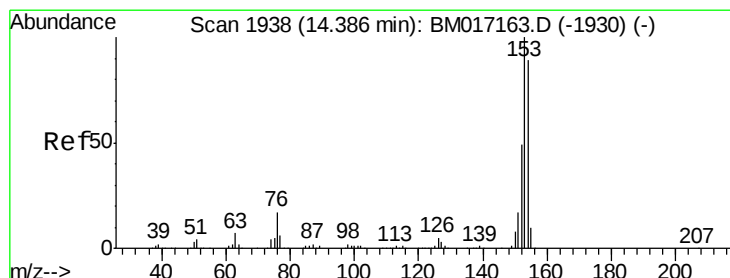
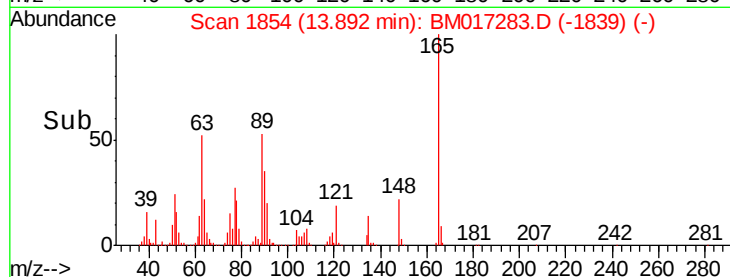
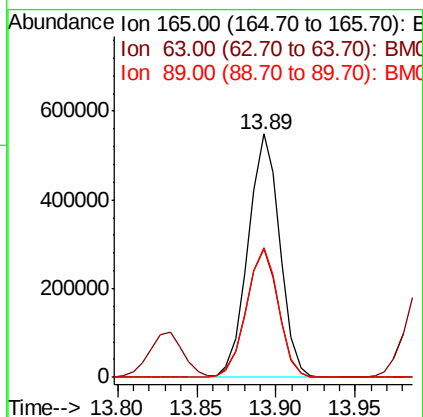
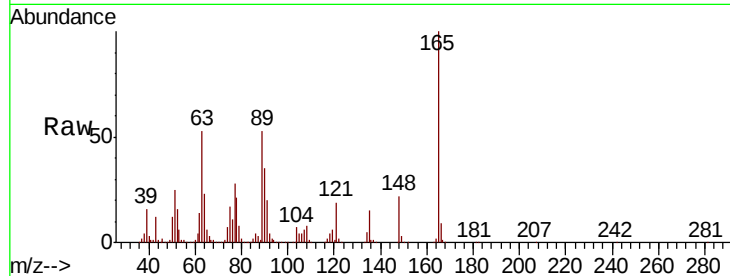




#51
 2,6-Dinitrotoluene
 Concen: 45.410 ng
 RT: 13.89 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BM017283.D
 Acq: 22 Oct 2018 17:40

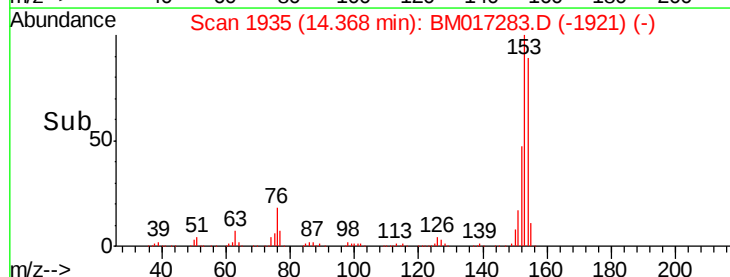
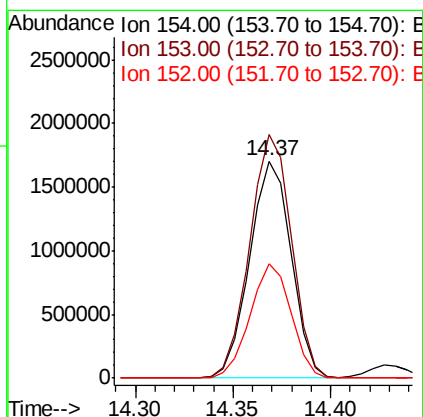
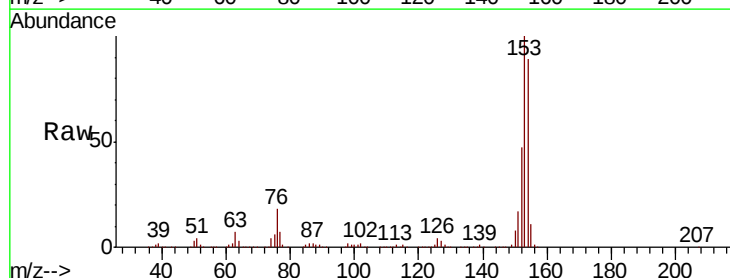
Instrument :
 BNA_M
 ClientSampleId :

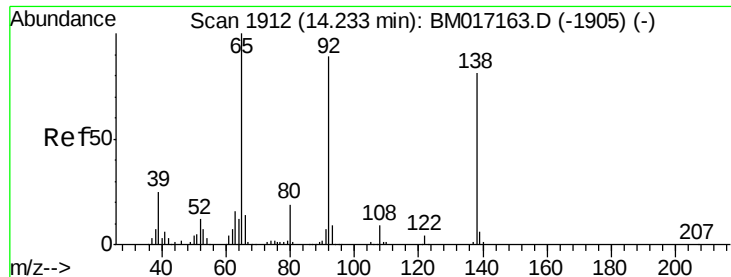
Tot Ion:165 Resp: 761714
 Ion Ratio Lower Upper
 165 100
 63 52.7 42.7 64.1
 89 53.1 42.1 63.1



#52
 Acenaphthene
 Concen: 42.282 ng
 RT: 14.37 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BM017283.D
 Acq: 22 Oct 2018 17:40

Tgt Ion:154 Resp: 2516581
 Ion Ratio Lower Upper
 154 100
 153 112.2 90.2 135.2
 152 52.6 44.2 66.4

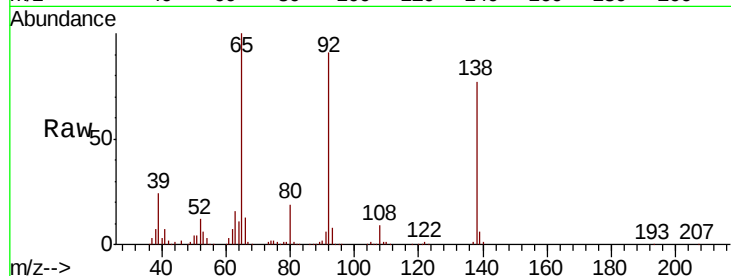




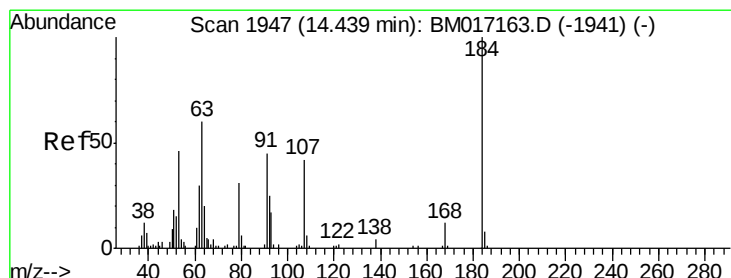
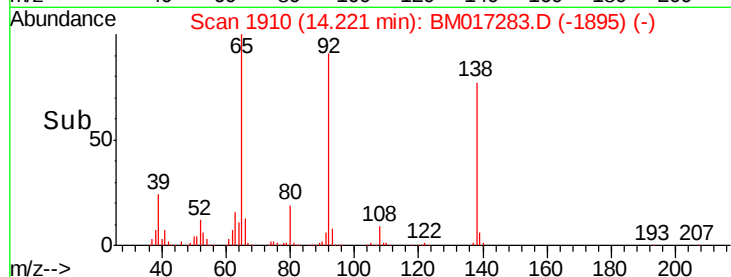
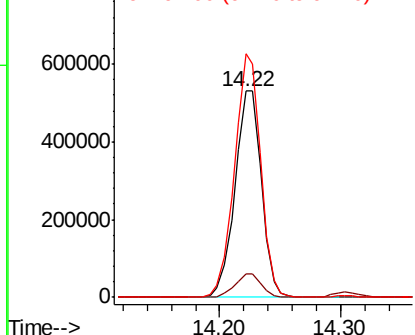
#53
3-Nitroaniline
Concen: 44.845 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 814704
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 118.0 87.9 131.9

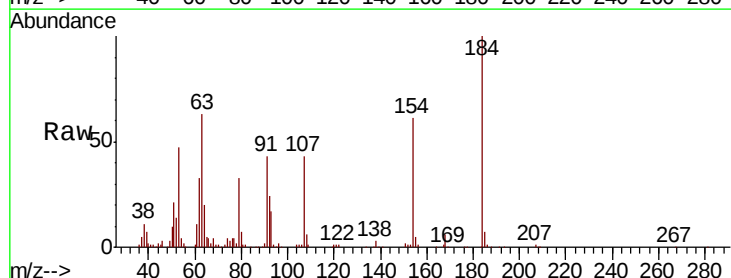


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

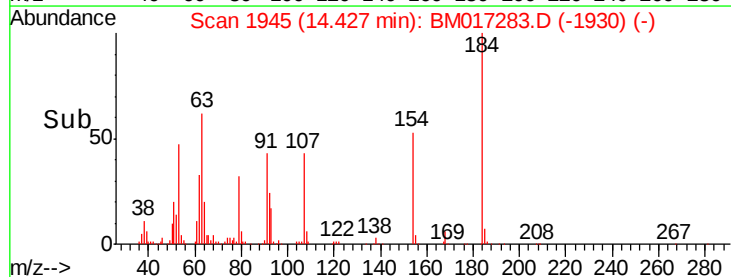
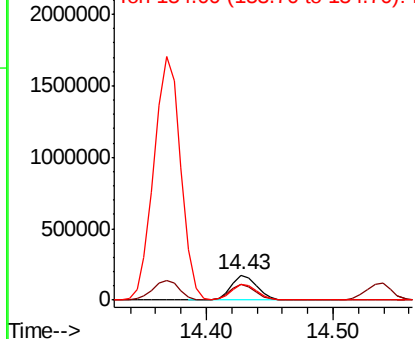


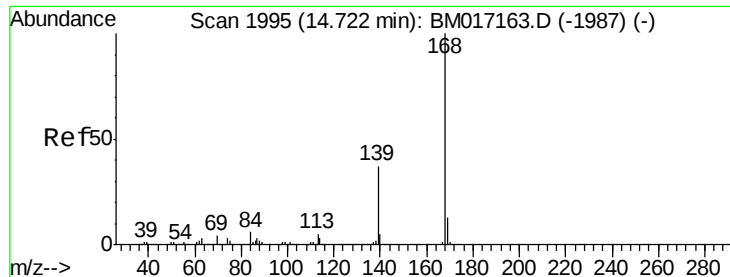
#54
2,4-Dinitrophenol
Concen: 31.200 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Tgt Ion:184 Resp: 251988
Ion Ratio Lower Upper
184 100
63 62.5 51.2 76.8
154 61.1 47.8 71.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 41.009 ng

RT: 14.71 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Instrument :

BNA_M

ClientSampleId :

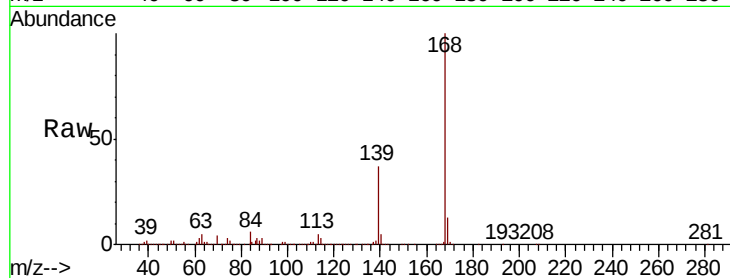
Tot Ion:168 Resp: 4058910

Ion Ratio Lower Upper

168 100

139 37.1 29.3 43.9

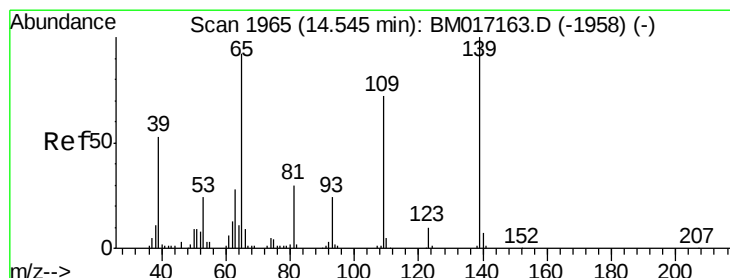
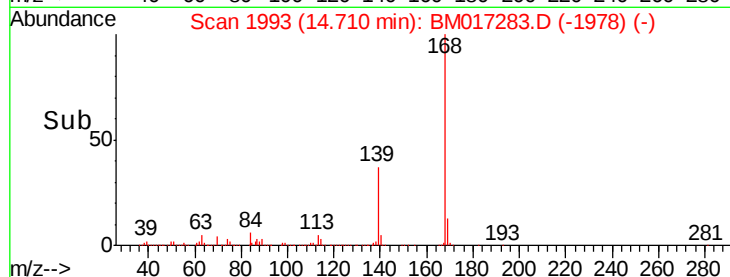
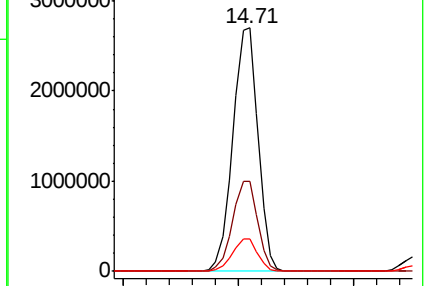
169 13.4 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 39.768 ng

RT: 14.54 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

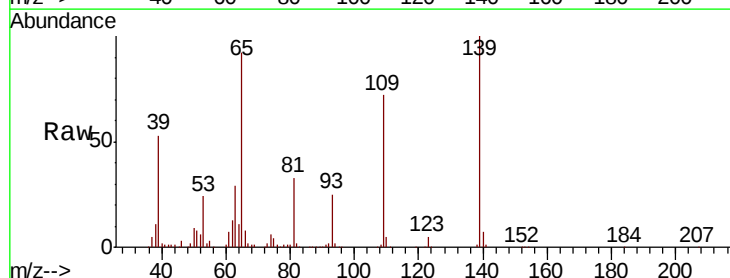
Tgt Ion:139 Resp: 616719

Ion Ratio Lower Upper

139 100

109 71.8 51.8 91.8

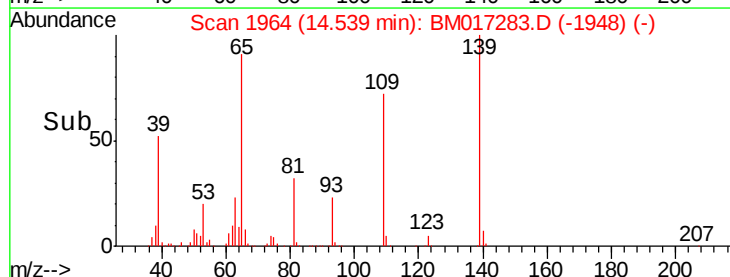
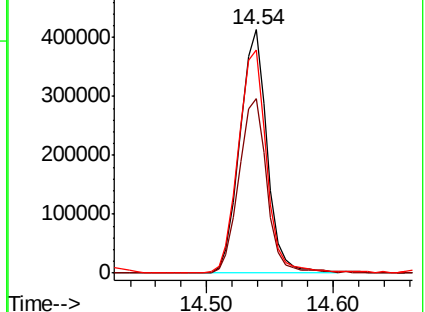
65 91.5 72.1 112.1

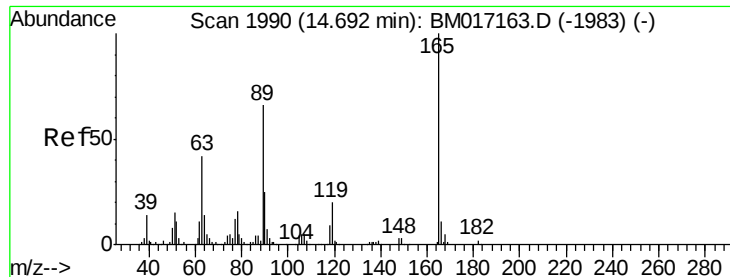


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

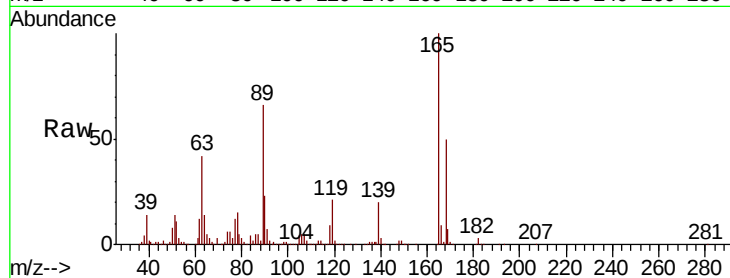




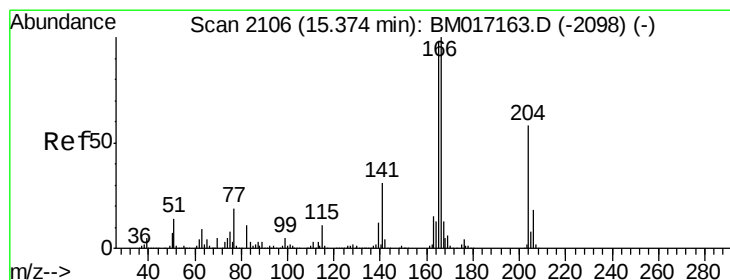
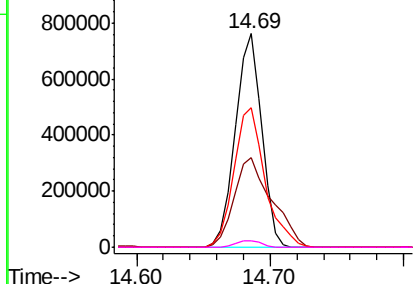
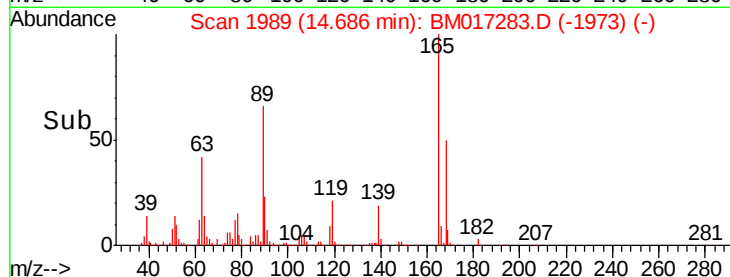
#57
 2,4-Dinitrotoluene
 Concen: 46.304 ng
 RT: 14.69 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BM017283.D
 Acq: 22 Oct 2018 17:40

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:165 Resp: 1043916
 Ion Ratio Lower Upper
 165 100
 63 42.1 33.8 50.8
 89 65.6 53.1 79.7
 182 3.1 2.0 3.0#

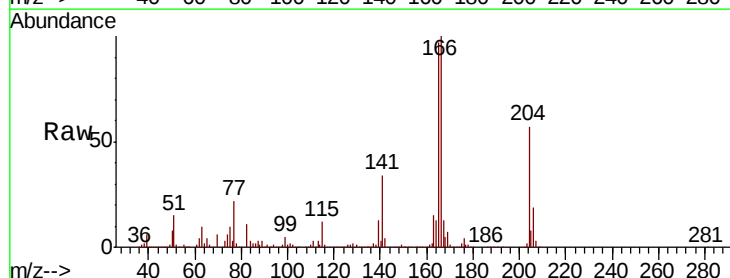


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

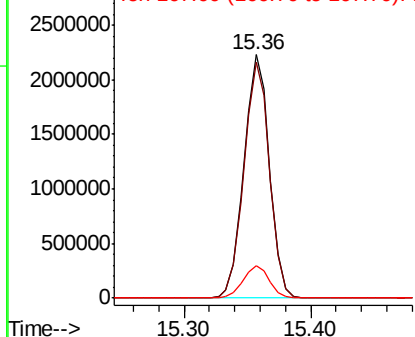
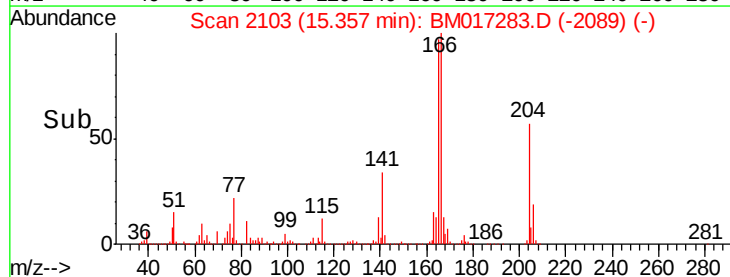


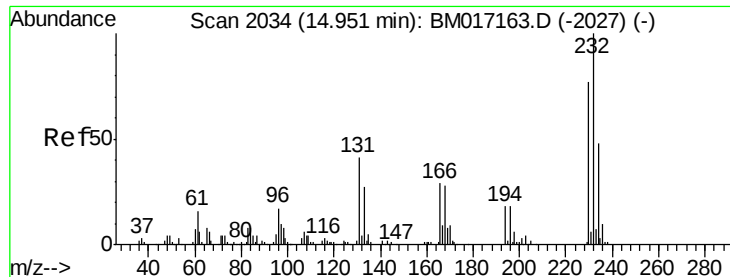
#58
 Fluorene
 Concen: 42.210 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: BM017283.D
 Acq: 22 Oct 2018 17:40

Tgt Ion:166 Resp: 3092340
 Ion Ratio Lower Upper
 166 100
 165 97.0 78.1 117.1
 167 13.3 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

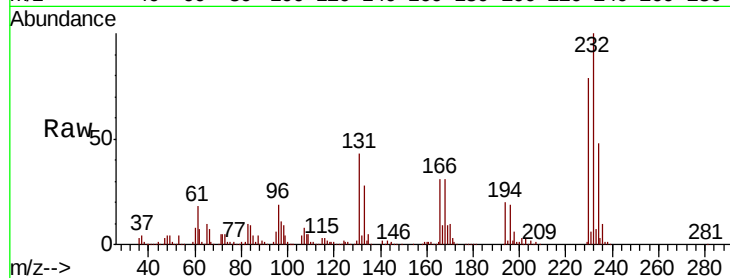




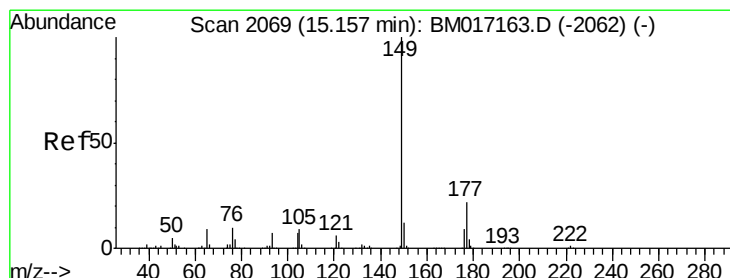
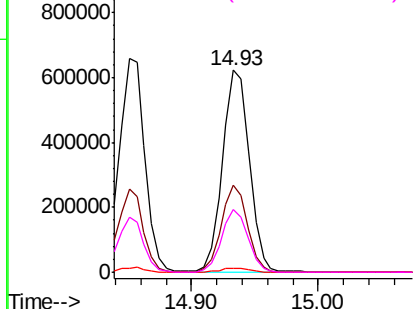
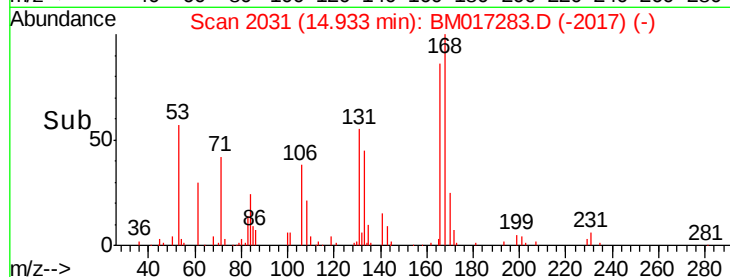
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.002 ng
RT: 14.93 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:232 Resp: 908069
Ion Ratio Lower Upper
232 100
131 41.9 33.1 49.7
130 2.2 1.7 2.5
166 30.4 24.4 36.6

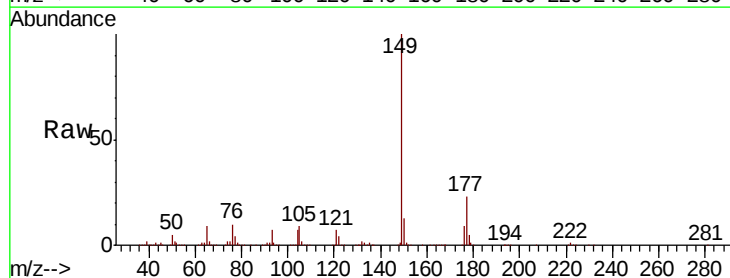


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

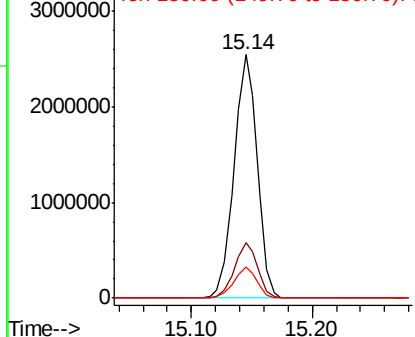
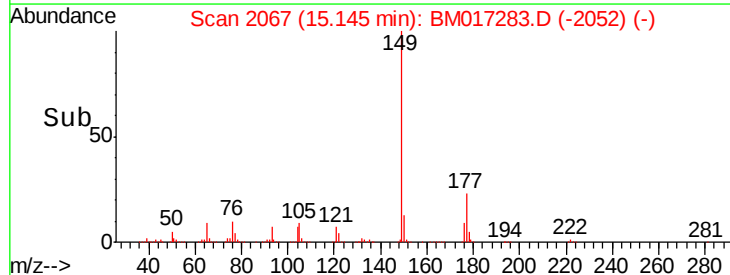


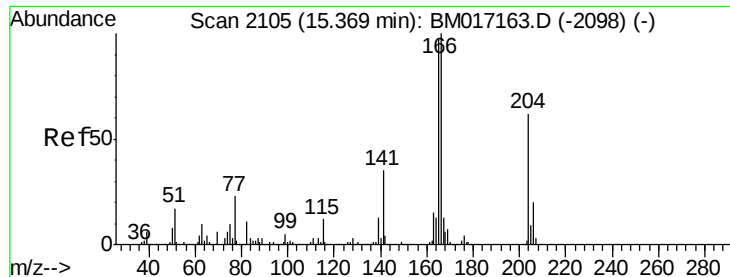
#60
Diethylphthalate
Concen: 44.974 ng
RT: 15.14 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Tgt Ion:149 Resp: 3399153
Ion Ratio Lower Upper
149 100
177 22.5 17.7 26.5
150 12.8 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

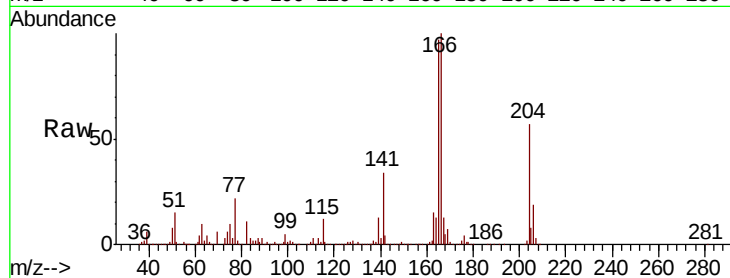




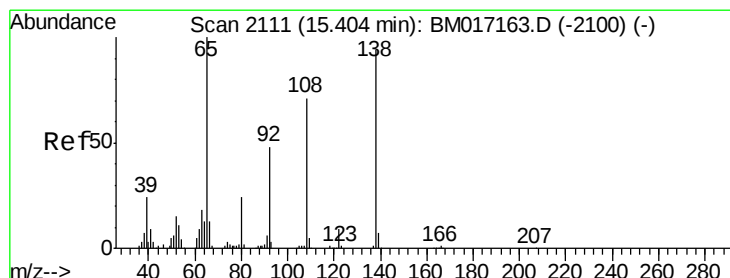
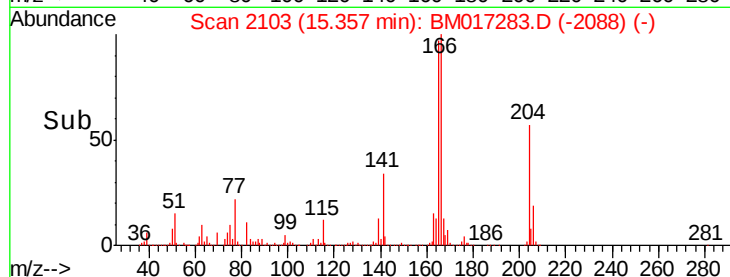
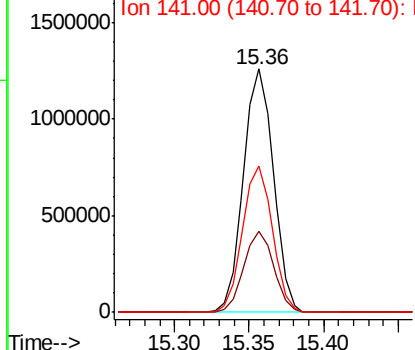
#61
4-Chlorophenyl-phenylether
Concen: 42.003 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 1754270
Ion Ratio Lower Upper
204 100
206 33.1 26.1 39.1
141 60.4 45.4 68.2

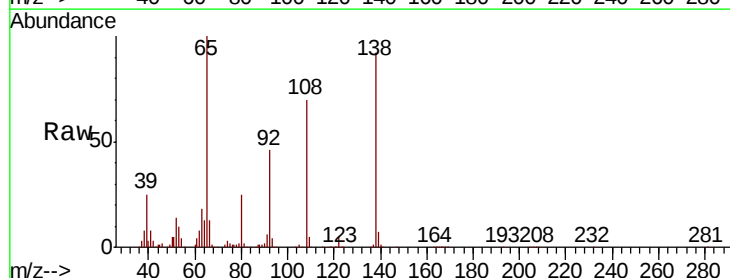


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

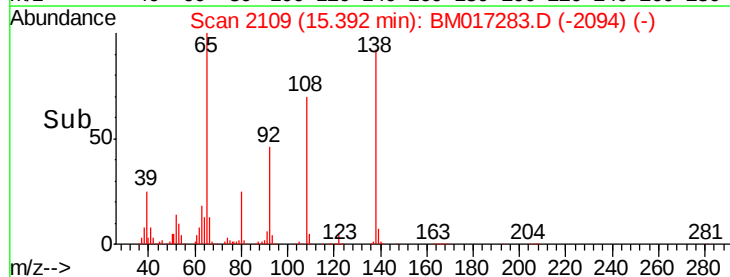
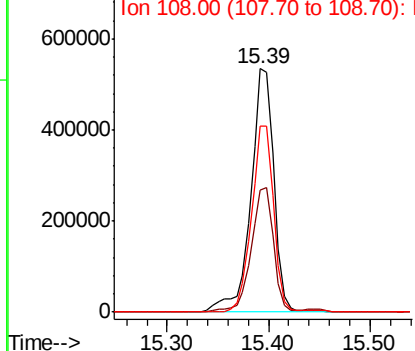


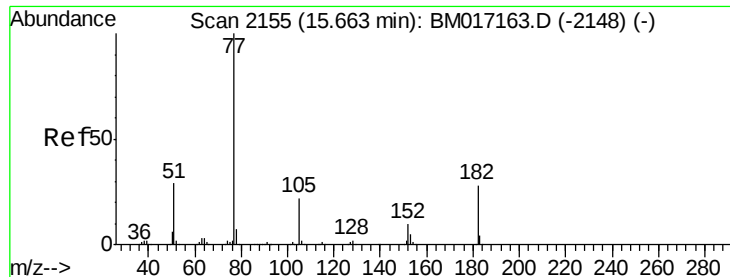
#62
4-Nitroaniline
Concen: 42.244 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Tgt Ion:138 Resp: 843646
Ion Ratio Lower Upper
138 100
92 50.3 31.2 71.2
108 76.6 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



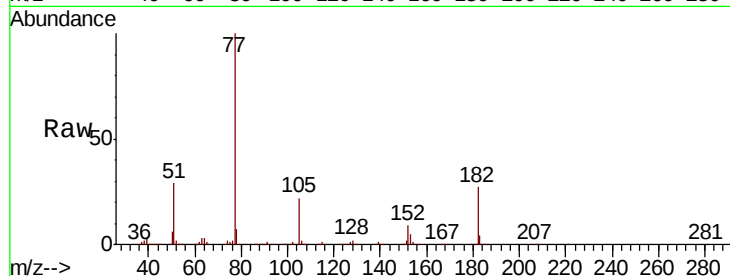


#63
Azobenzene
Concen: 42.824 ng
RT: 15.65 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 3146020

Ion	Ratio	Lower	Upper
77	100		
182	27.1	8.3	48.3
105	22.0	1.5	41.5
51	28.7	8.8	48.8

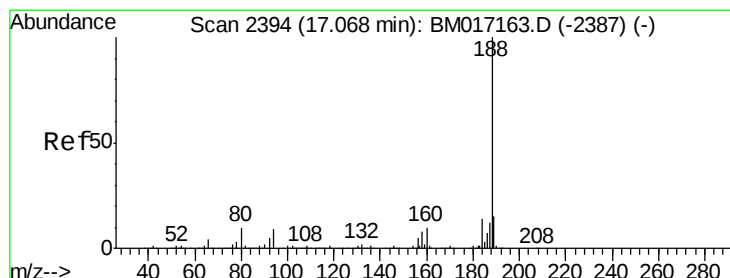
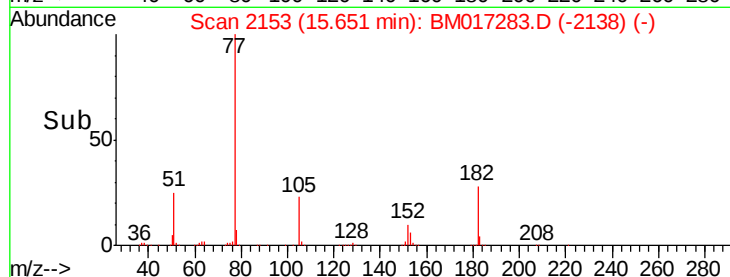
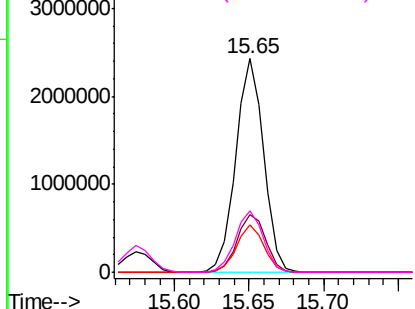


Abundance Ion 77.00 (76.70 to 77.70): BM017283.D (-2148) (-)

Ion 182.00 (181.70 to 182.70): BM017283.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BM017283.D (-2148) (-)

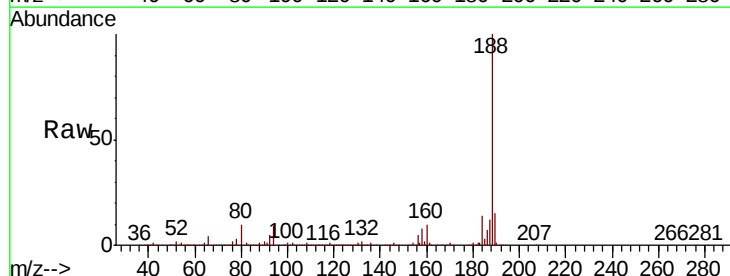
Ion 51.00 (50.70 to 51.70): BM017283.D (-2148) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Tgt Ion: 188 Resp: 2227358

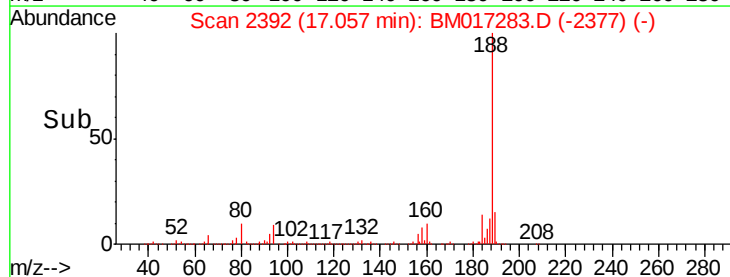
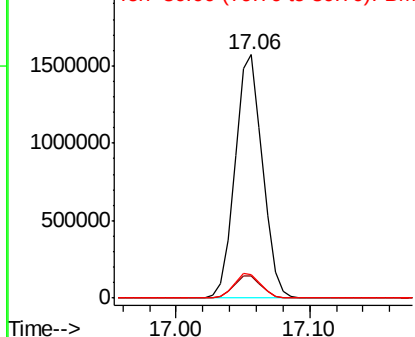
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	9.8	7.7	11.5

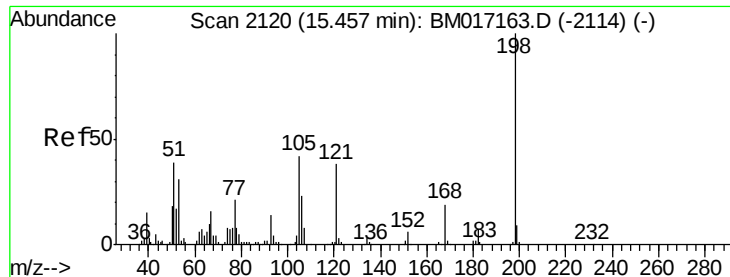


Abundance Ion 188.00 (187.70 to 188.70): BM017283.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017283.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017283.D (-2377) (-)

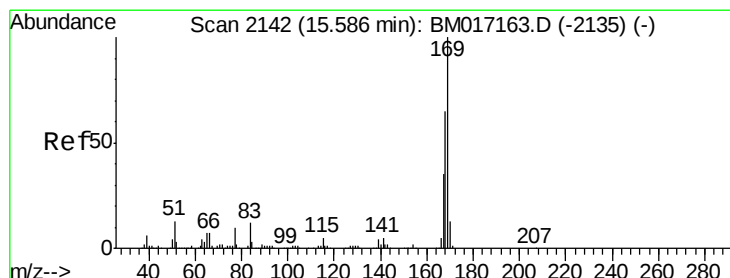
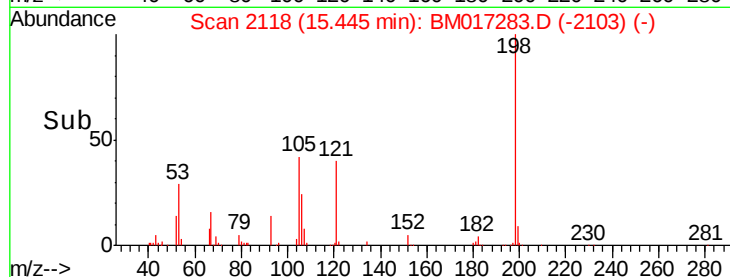
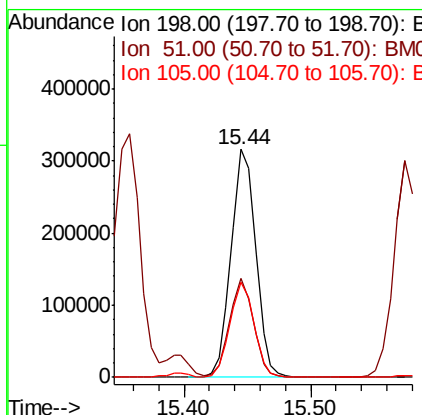
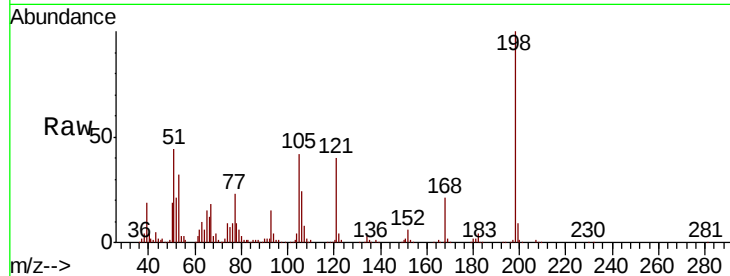




#65
 4,6-Dinitro-2-methylphenol
 Concen: 32.395 ng
 RT: 15.44 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BM017283.D
 Acq: 22 Oct 2018 17:40

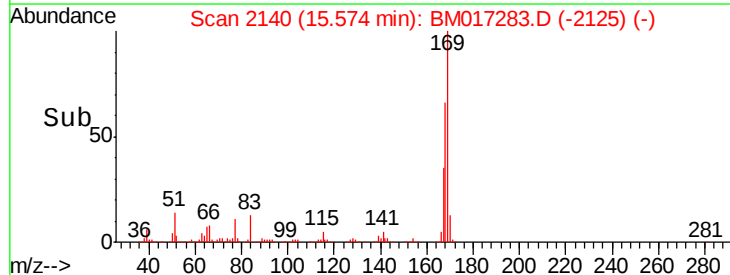
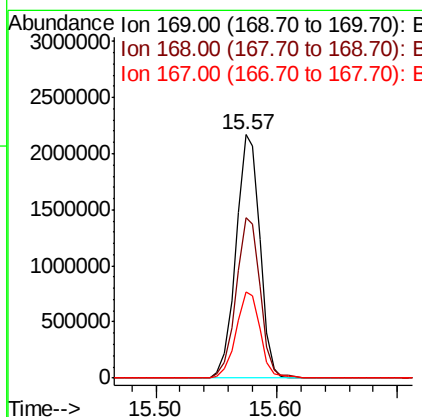
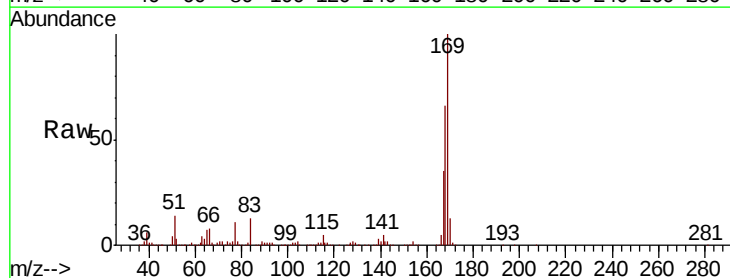
Instrument :
 BNA_M
 ClientSampleId :

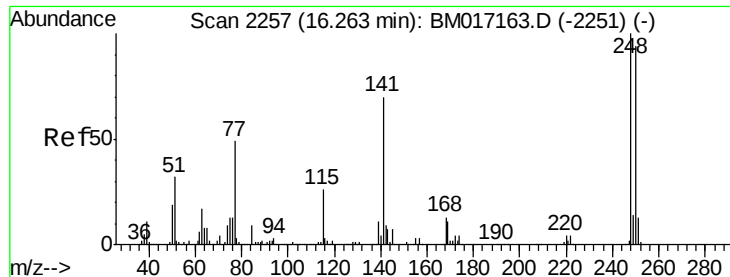
Tot Ion:198 Resp: 425229
 Ion Ratio Lower Upper
 198 100
 51 43.7 20.3 60.3
 105 42.0 21.9 61.9



#66
 n-Nitrosodiphenylamine
 Concen: 44.166 ng
 RT: 15.57 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BM017283.D
 Acq: 22 Oct 2018 17:40

Tgt Ion:169 Resp: 2976270
 Ion Ratio Lower Upper
 169 100
 168 65.9 52.2 78.4
 167 35.4 28.4 42.6

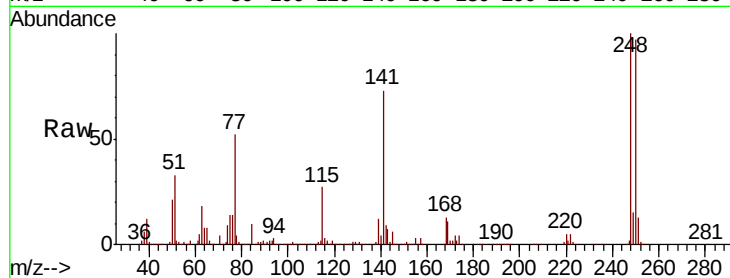




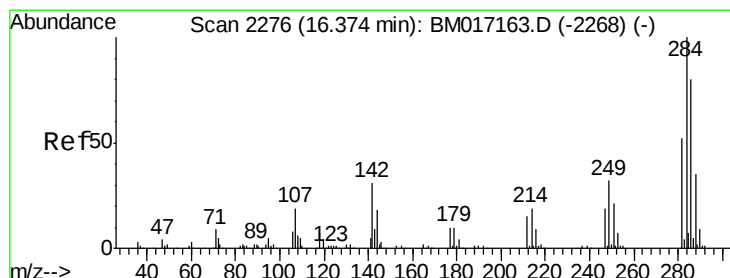
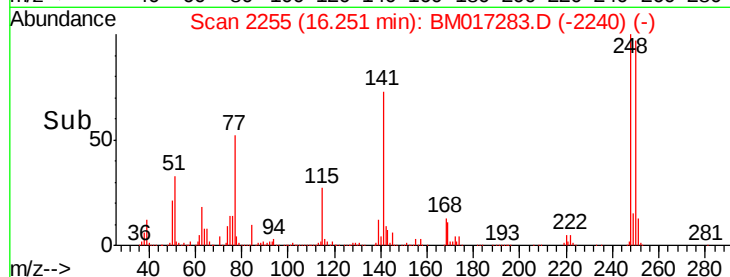
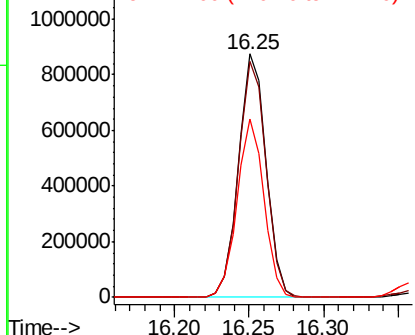
#67
4-Bromophenyl-phenylether
Concen: 45.811 ng
RT: 16.25 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 1120371
Ion Ratio Lower Upper
248 100
250 97.0 75.1 112.7
141 73.0 55.6 83.4

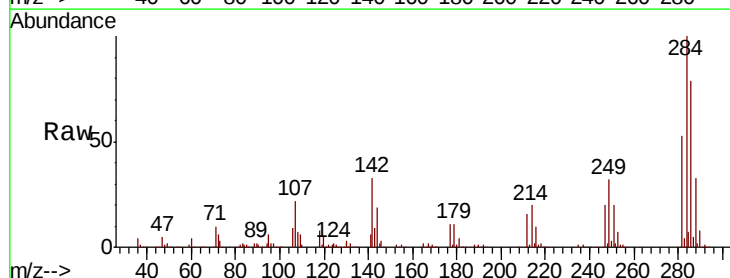


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

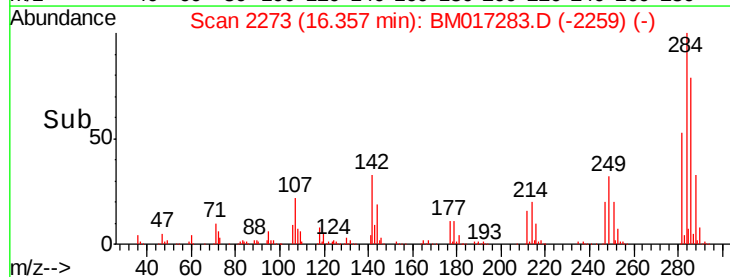
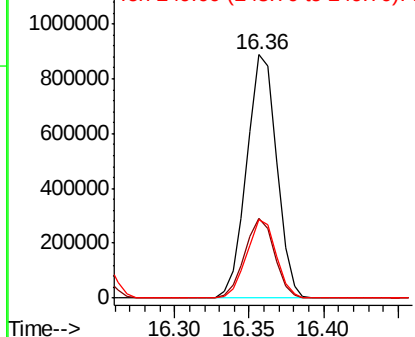


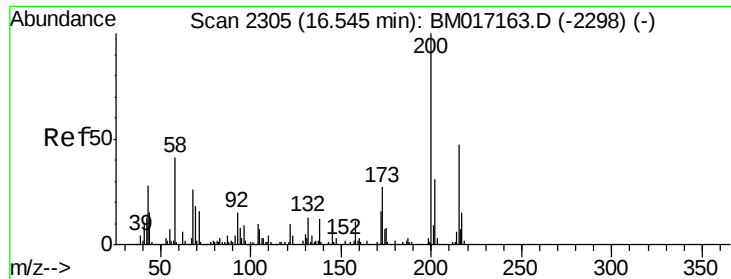
#68
Hexachlorobenzene
Concen: 43.465 ng
RT: 16.36 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Tgt Ion:284 Resp: 1234781
Ion Ratio Lower Upper
284 100
142 33.0 25.0 37.6
249 32.1 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

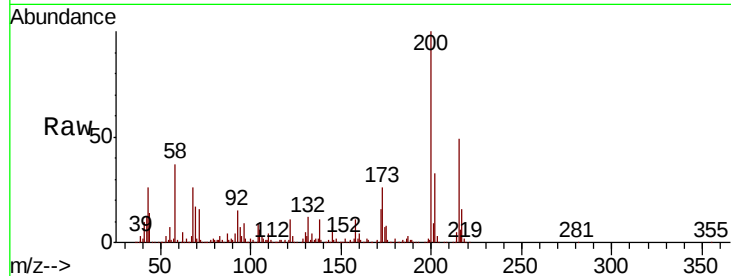




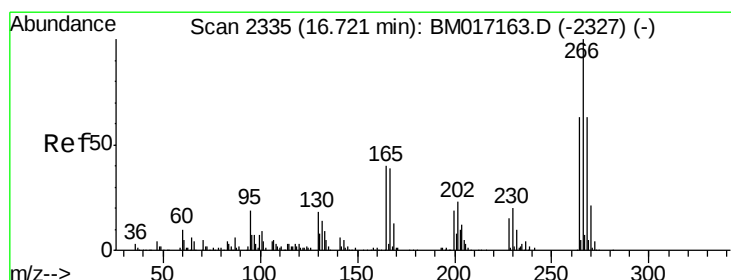
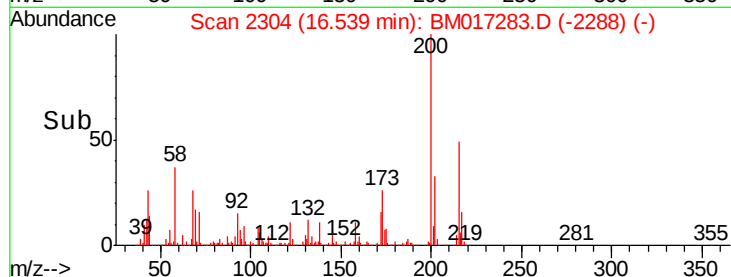
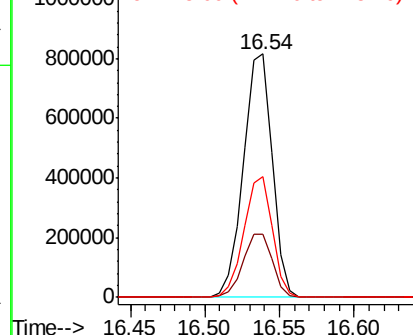
#69
Atrazine
Concen: 45.446 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:200 Resp: 1096094
Ion Ratio Lower Upper
200 100
173 26.2 7.0 47.0
215 49.4 27.3 67.3

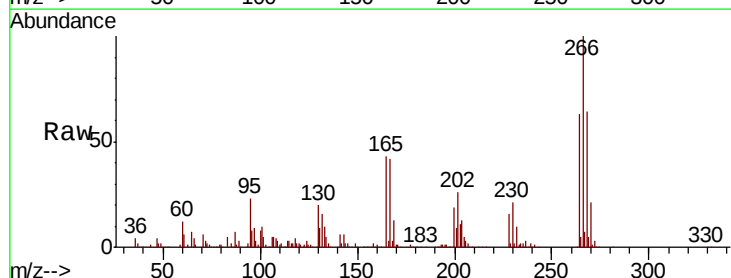


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

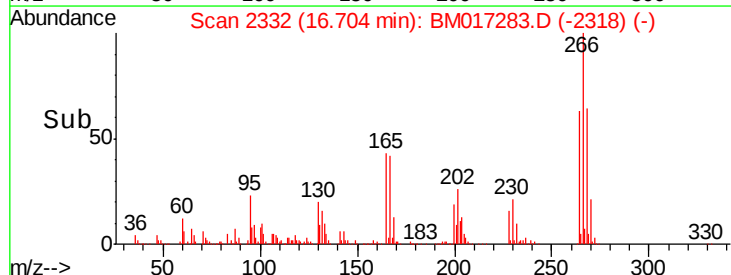
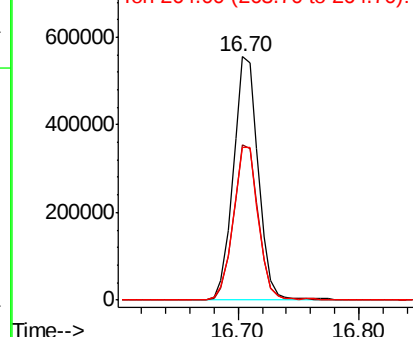


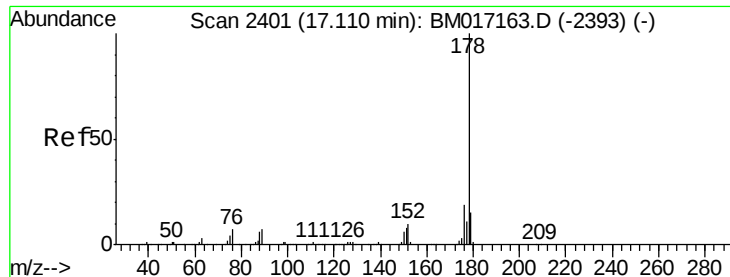
#70
Pentachlorophenol
Concen: 41.061 ng
RT: 16.70 min Scan# 2332
Delta R.T. -0.02 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Tgt Ion:266 Resp: 799091
Ion Ratio Lower Upper
266 100
268 63.9 50.7 76.1
264 62.7 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

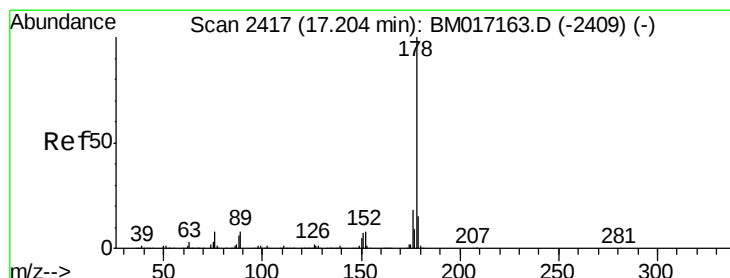
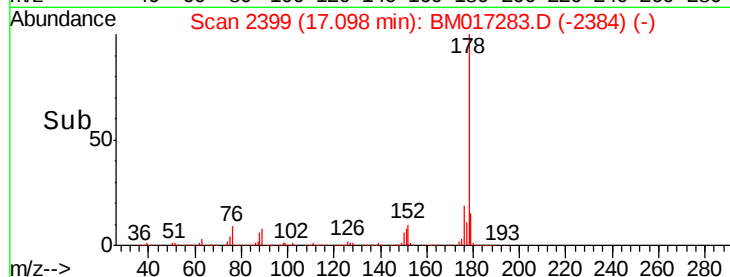
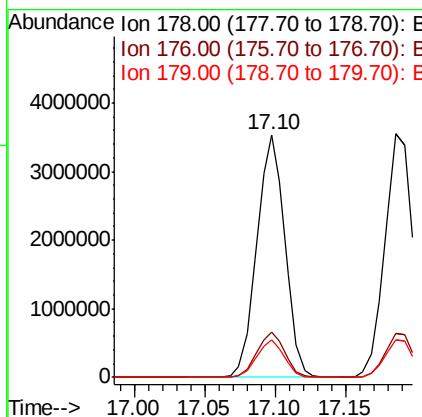
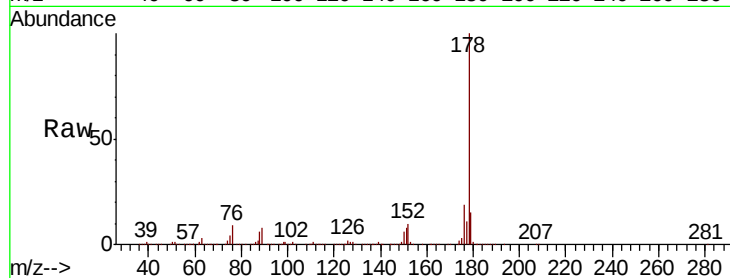




#71
Phenanthrene
Concen: 41.154 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

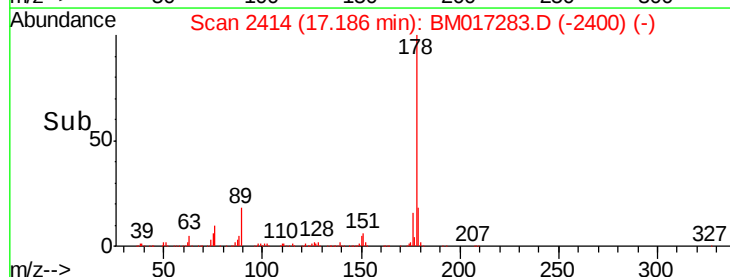
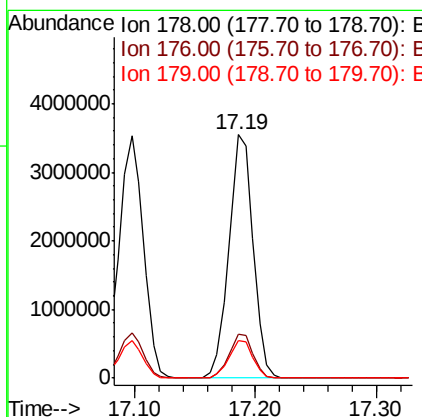
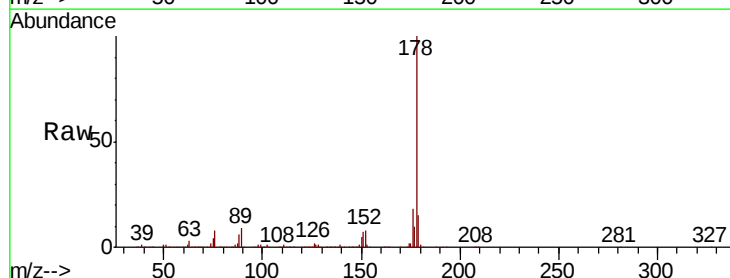
Instrument :
BNA_M
ClientSampleId :

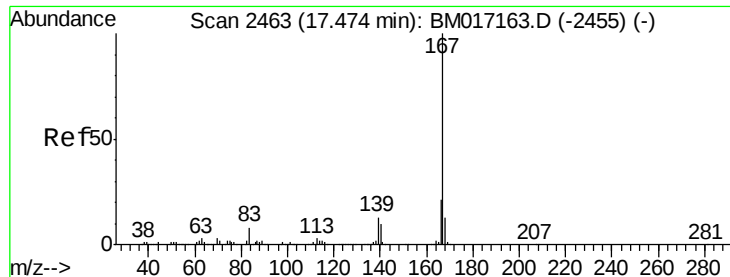
Tot Ion:178 Resp: 4945661
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.3 12.3 18.5



#72
Anthracene
Concen: 43.271 ng
RT: 17.19 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Tgt Ion:178 Resp: 4940923
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.5 12.2 18.2



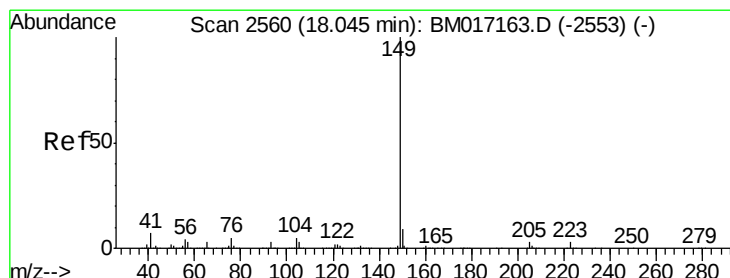
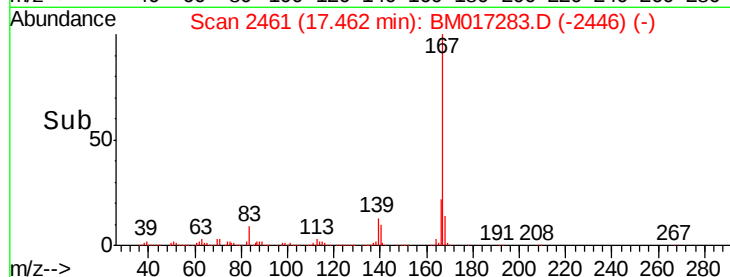
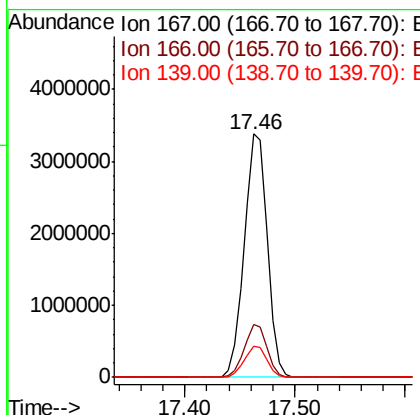
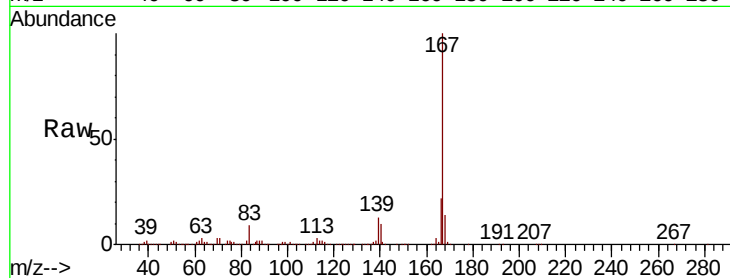


#73
 Carbazole
 Concen: 42.525 ng
 RT: 17.46 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BM017283.D
 Acq: 22 Oct 2018 17:40

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:167 Resp: 4960209

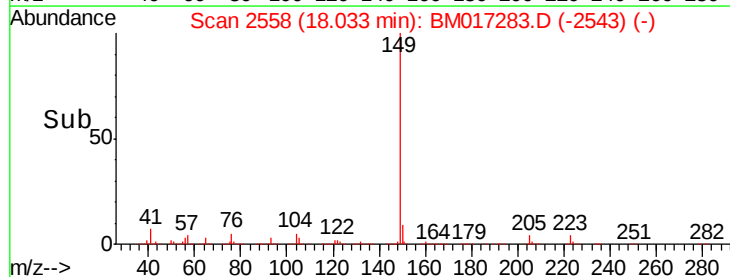
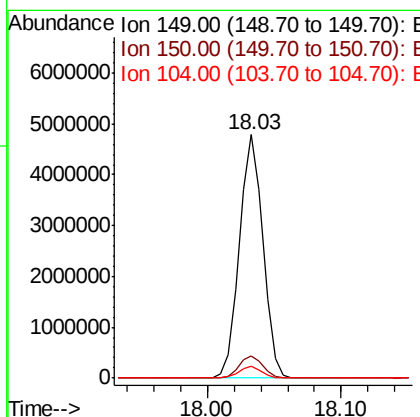
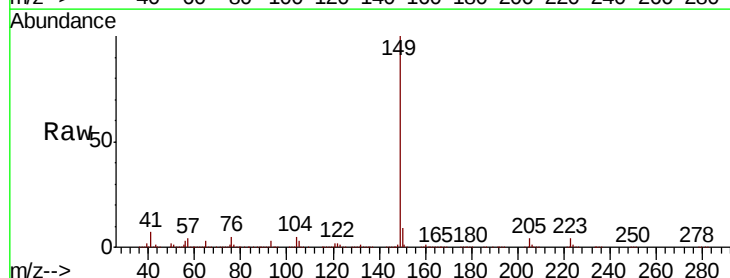
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	12.9	10.1	15.1

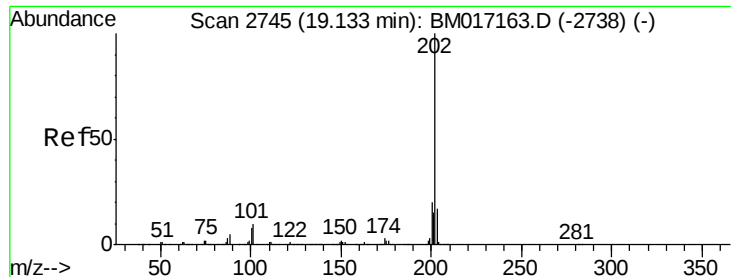


#74
 Di-n-butylphthalate
 Concen: 47.399 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM017283.D
 Acq: 22 Oct 2018 17:40

Tgt Ion:149 Resp: 5831247

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.9	4.3	6.5





#75

Fluoranthene

Concen: 41.438 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Instrument :

BNA_M

ClientSampleId :

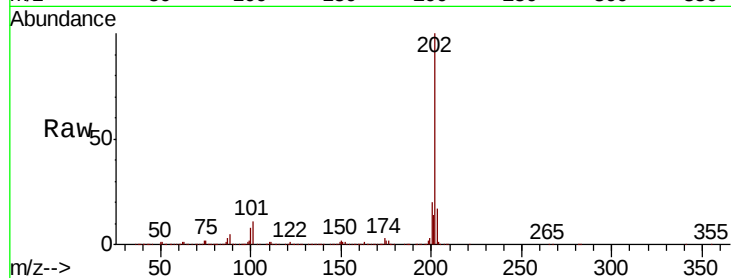
Tot Ion:202 Resp: 5603502

Ion Ratio Lower Upper

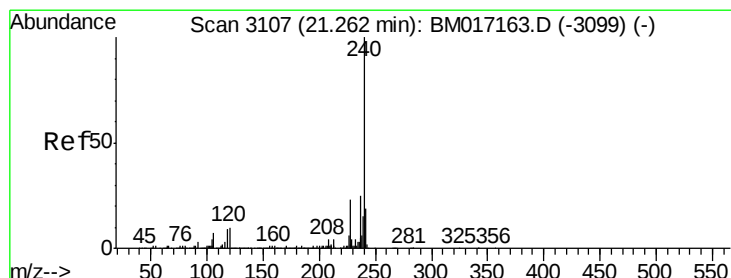
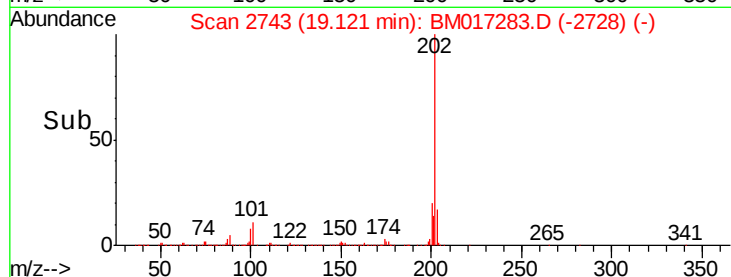
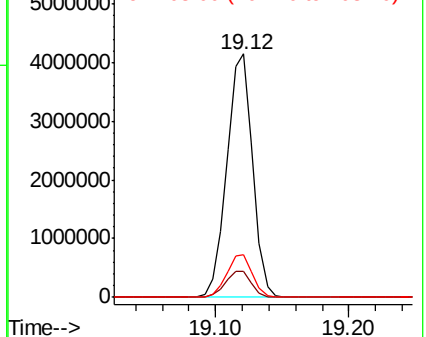
202 100

101 10.7 0.0 30.0

203 17.3 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: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

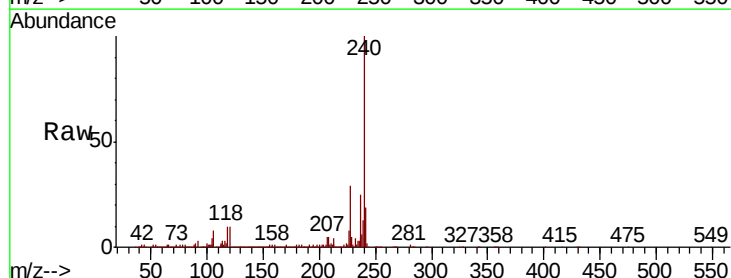
Tgt Ion:240 Resp: 2050527

Ion Ratio Lower Upper

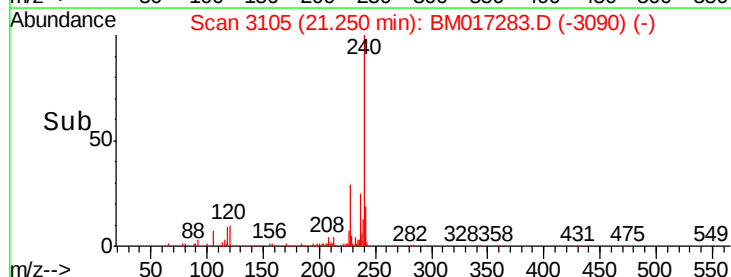
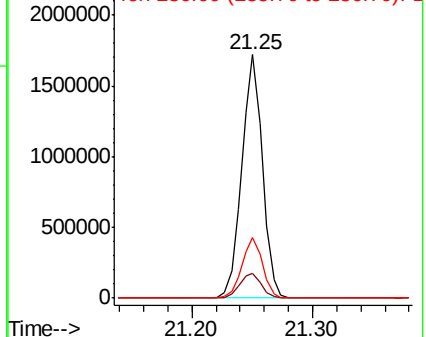
240 100

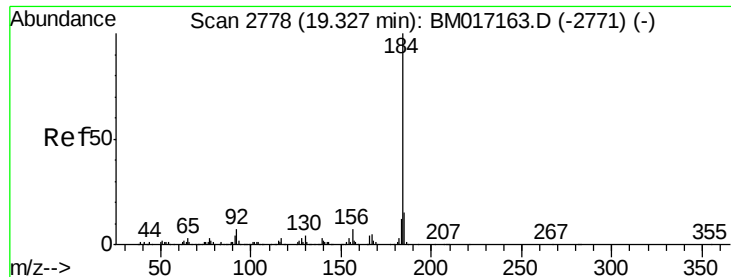
120 10.0 8.1 12.1

236 24.8 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: 56.291 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

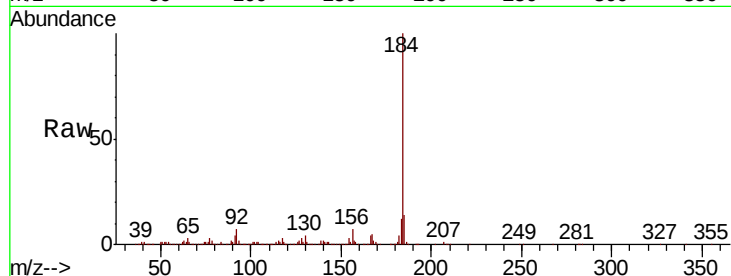
Instrument :

BNA_M

ClientSampled :

Tot Ion:184 Resp: 2926793

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.8	17.8
183	11.8	9.7	14.5

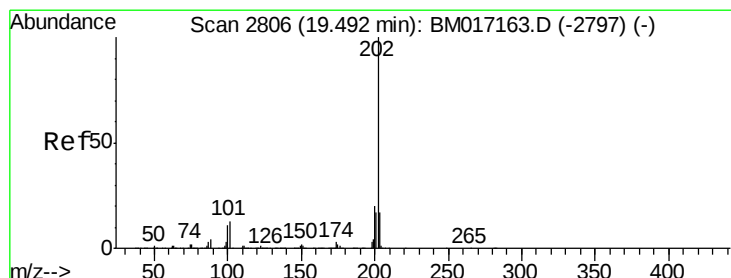
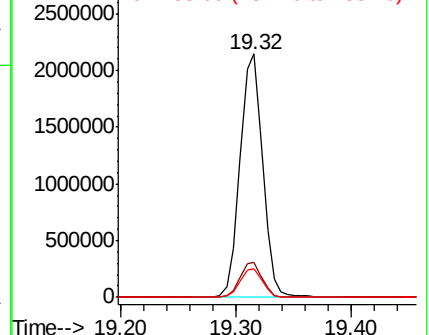
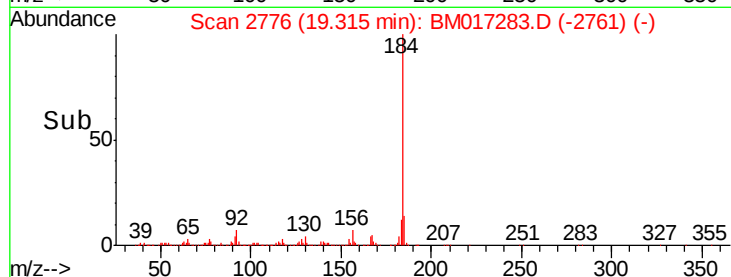


Abundance

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: 50.204 ng

RT: 19.48 min Scan# 2804

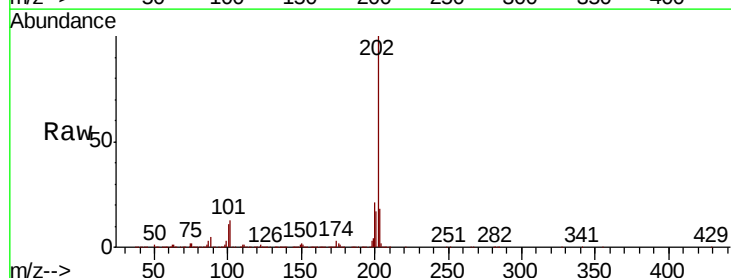
Delta R.T. -0.01 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Tgt Ion:202 Resp: 5753579

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.8	13.9	20.9

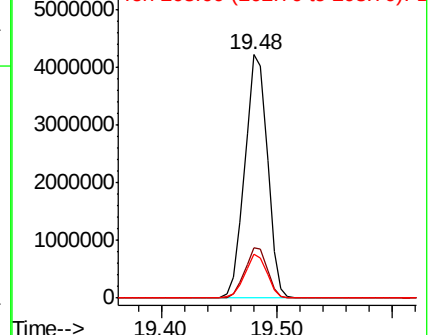
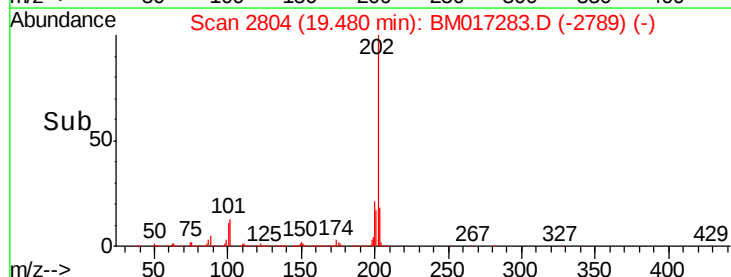


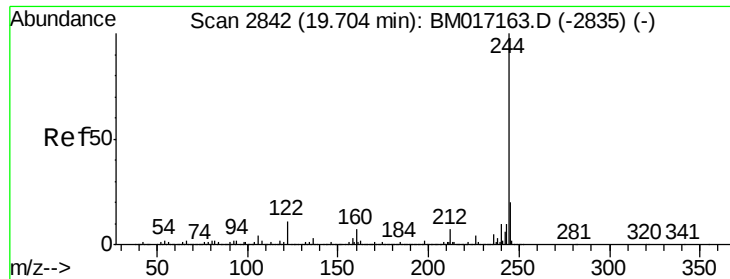
Abundance

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

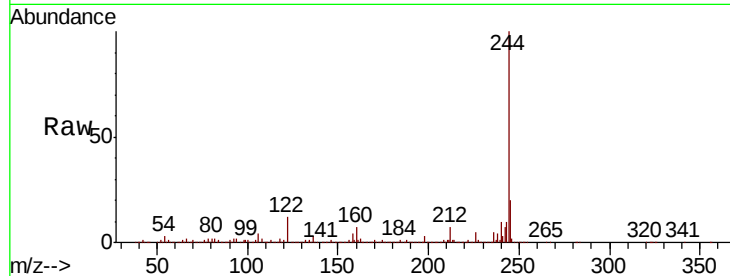




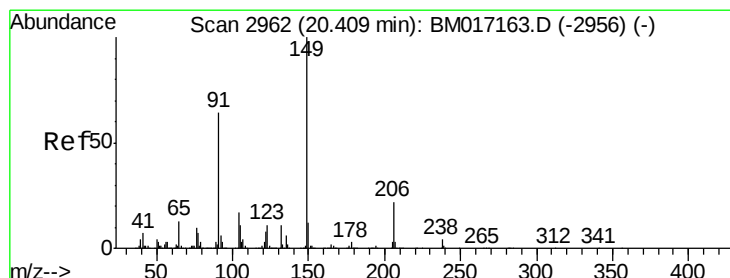
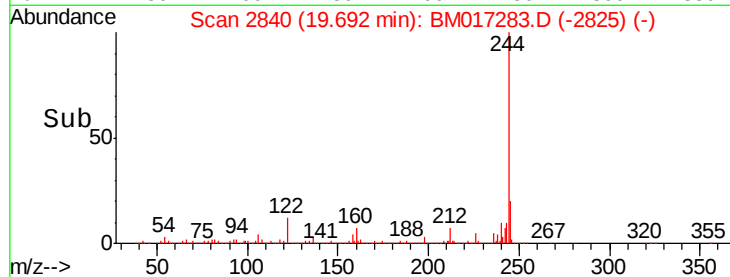
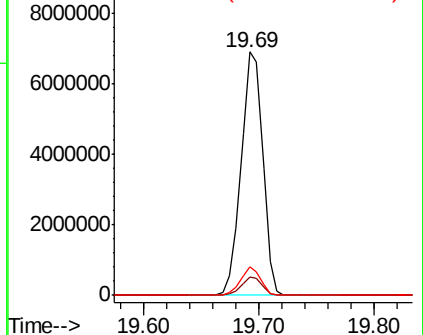
#79
 Terphenyl-d14
 Concen: 98.715 ng
 RT: 19.69 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BM017283.D
 Acq: 22 Oct 2018 17:40

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 8980365
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.5 8.3
 122 11.7 8.4 12.6

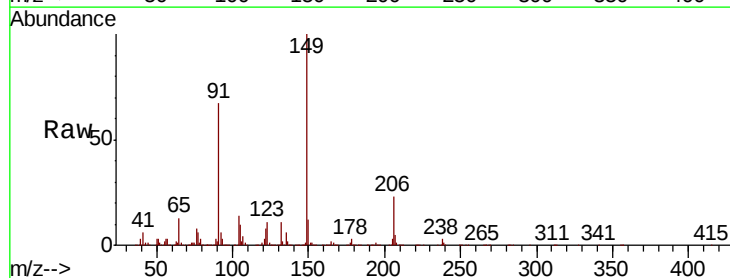


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

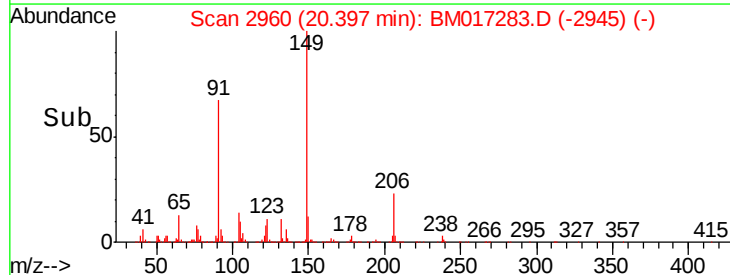
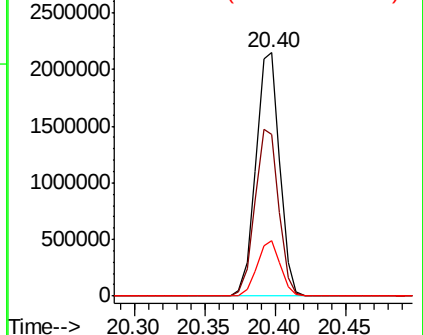


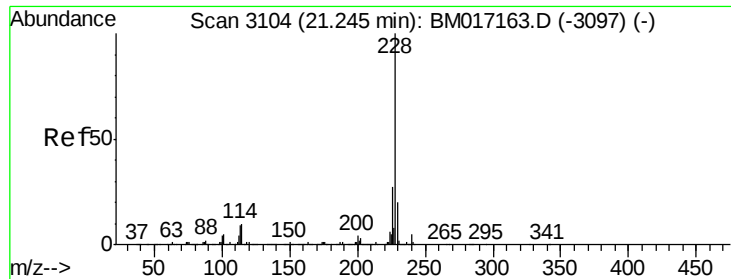
#80
 Butylbenzylphthalate
 Concen: 56.985 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM017283.D
 Acq: 22 Oct 2018 17:40

Tgt Ion:149 Resp: 2554052
 Ion Ratio Lower Upper
 149 100
 91 66.7 51.3 76.9
 206 23.0 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: 43.262 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Instrument :

BNA_M

ClientSampled :

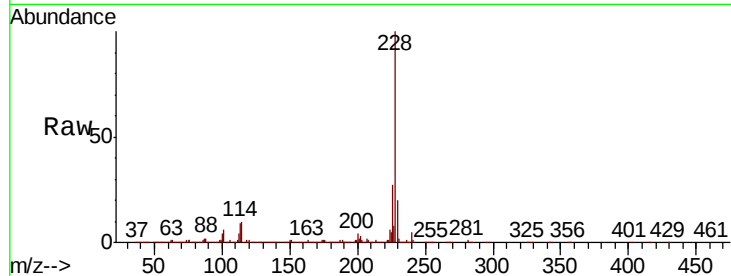
Tot Ion:228 Resp: 4992094

Ion Ratio Lower Upper

228 100

226 26.8 21.4 32.0

229 19.7 15.9 23.9

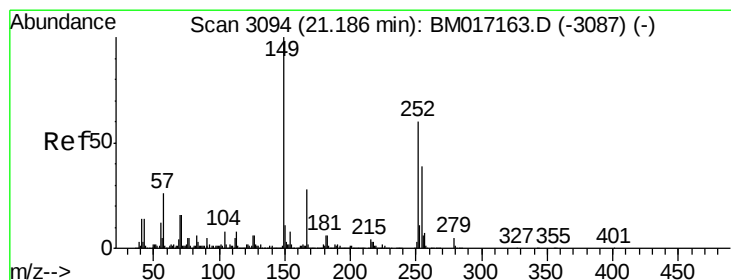
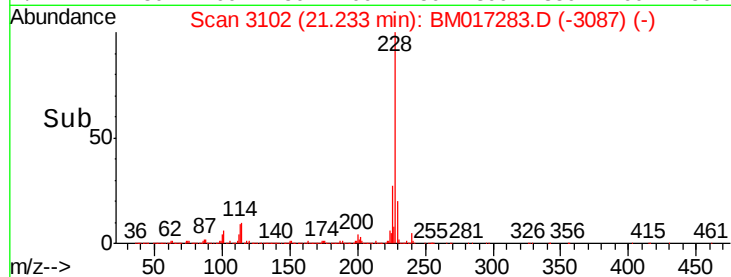
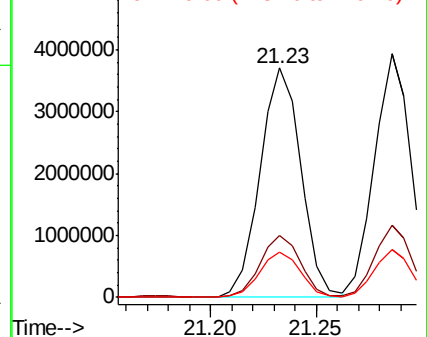


Abundance

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: 45.947 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

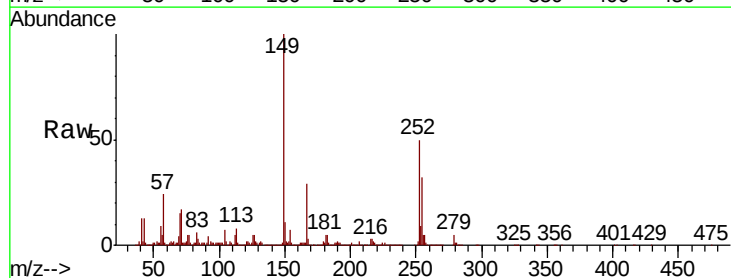
Tgt Ion:252 Resp: 1976047

Ion Ratio Lower Upper

252 100

254 64.5 52.1 78.1

126 10.5 8.6 12.8

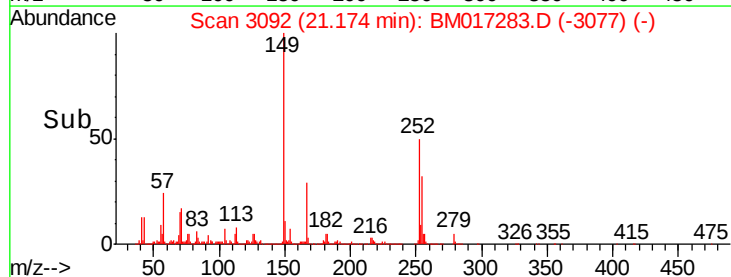
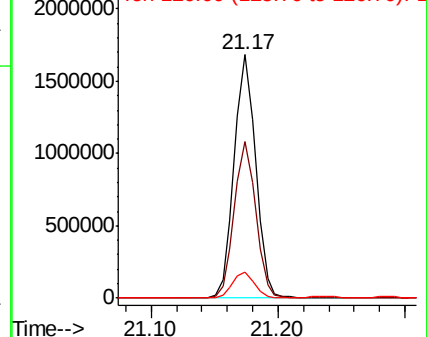


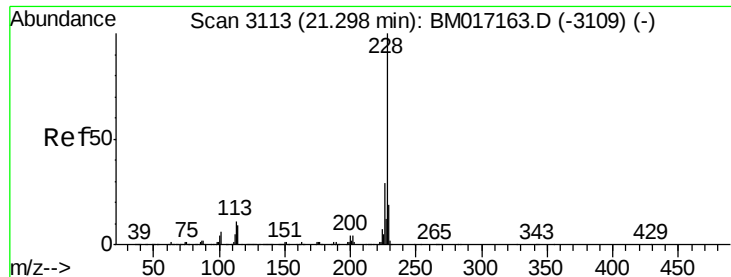
Abundance

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

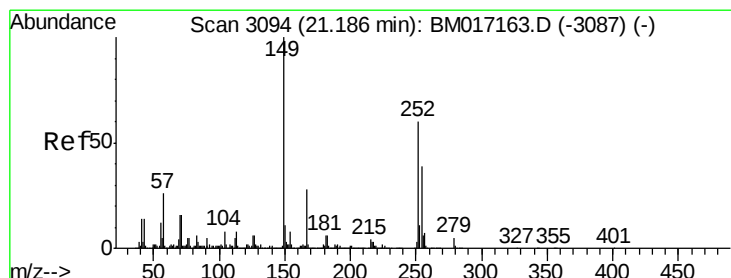
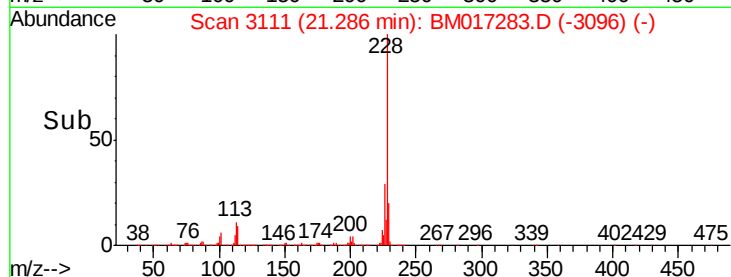
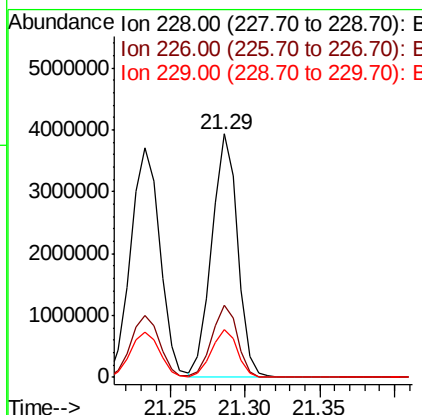
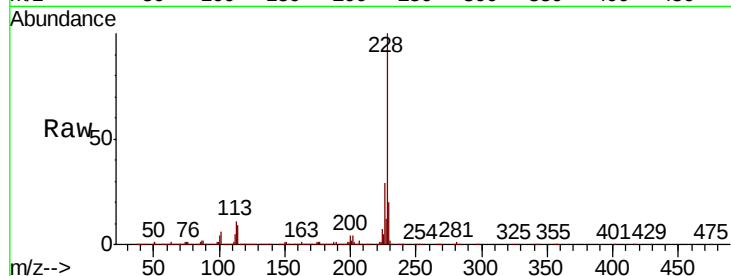




#83
 Chrvsene
 Concen: 41.570 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BM017283.D
 Acq: 22 Oct 2018 17:40

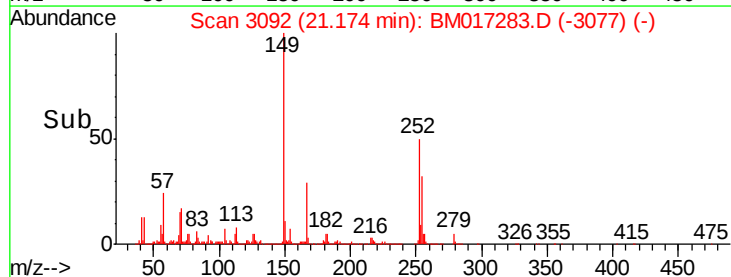
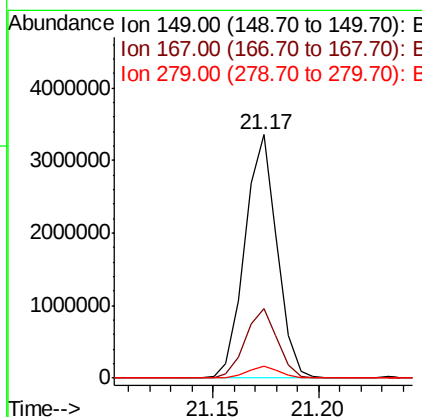
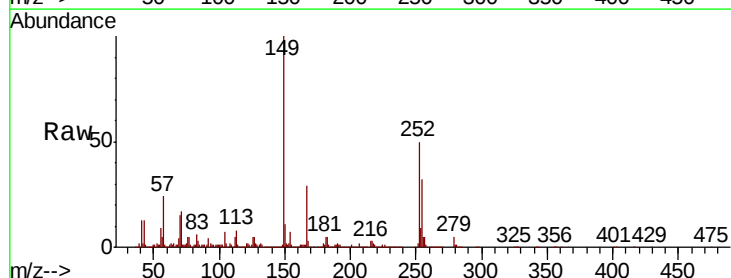
Instrument :
 BNA_M
 ClientSampleId :

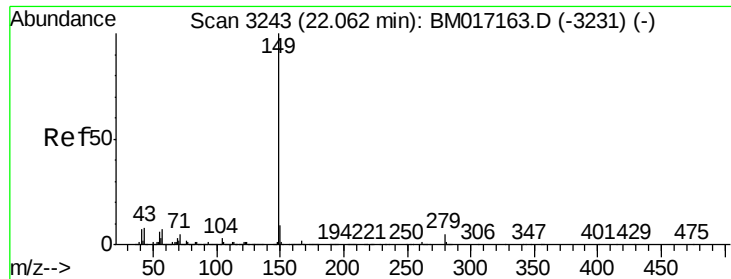
Tot Ion:228 Resp: 4747891
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.3 34.9
 229 19.6 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.464 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017283.D
 Acq: 22 Oct 2018 17:40

Tgt Ion:149 Resp: 3537708
 Ion Ratio Lower Upper
 149 100
 167 28.8 22.2 33.4
 279 4.9 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 48.016 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.02 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Instrument :

BNA_M

ClientSampled :

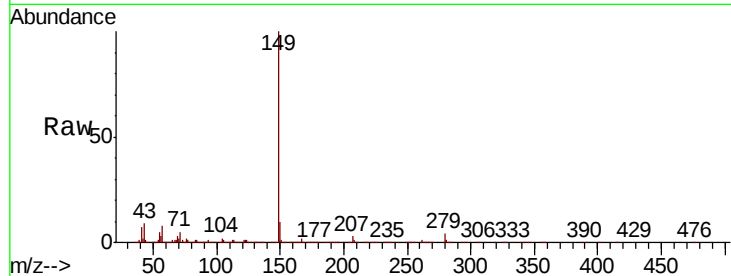
Tot Ion:149 Resp: 5427940

Ion Ratio Lower Upper

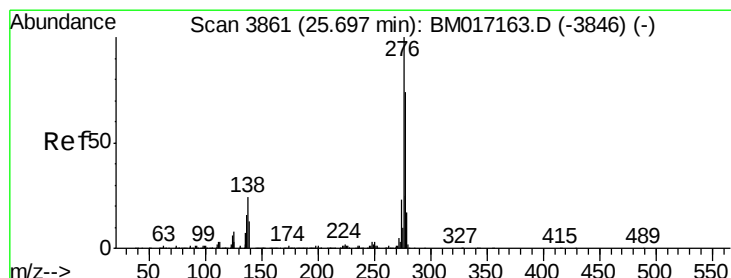
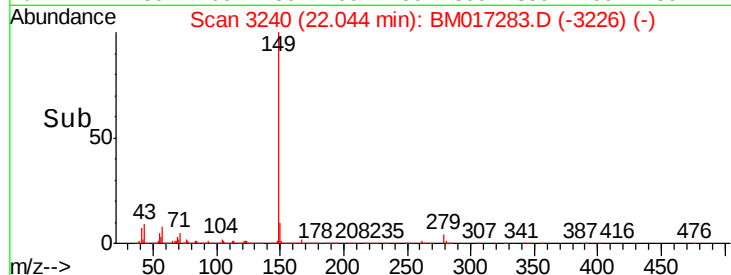
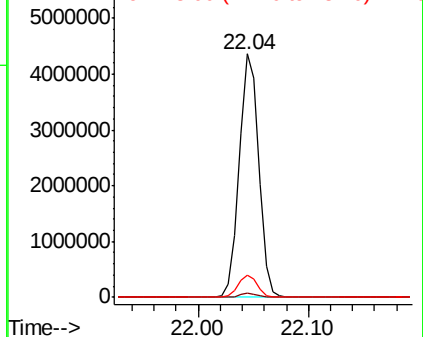
149 100

167 1.6 1.4 2.0

43 8.9 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E
6000000
Ion 167.00 (166.70 to 167.70): E
5000000
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.726 ng

RT: 25.67 min Scan# 3857

Delta R.T. -0.02 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

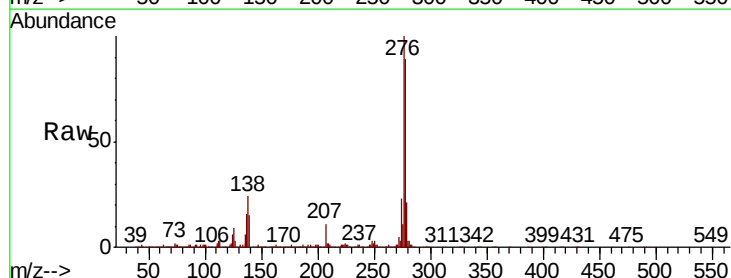
Tgt Ion:276 Resp: 4052947

Ion Ratio Lower Upper

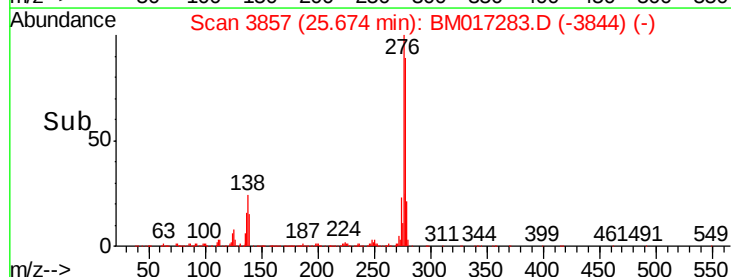
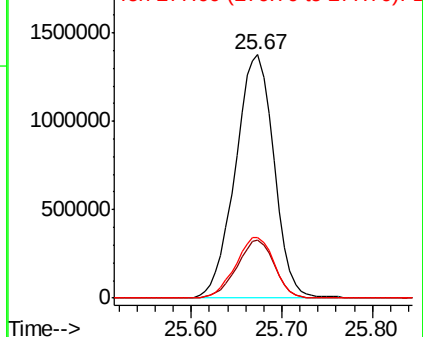
276 100

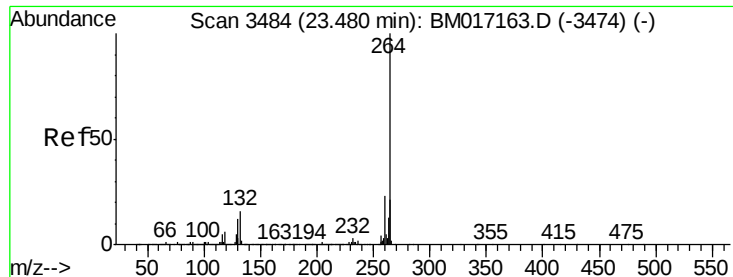
138 23.3 19.5 29.3

277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
1500000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

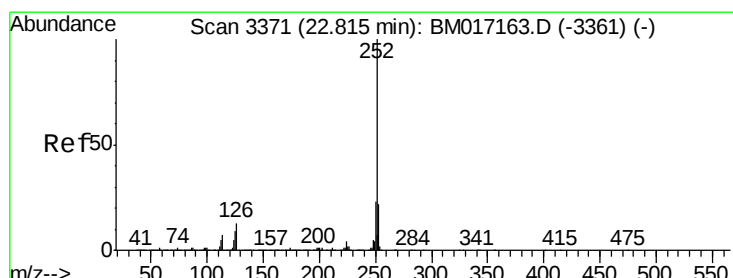
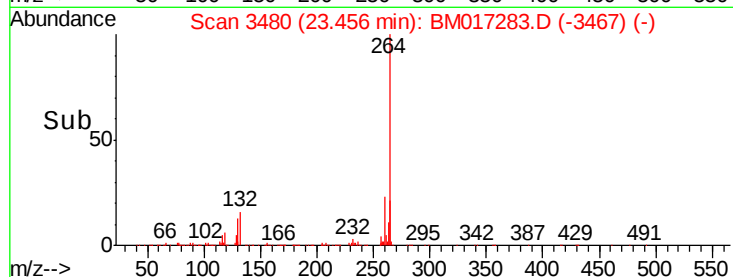
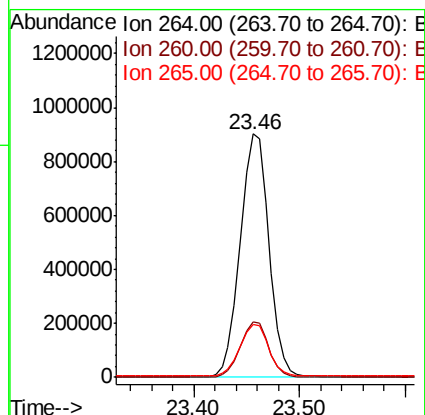
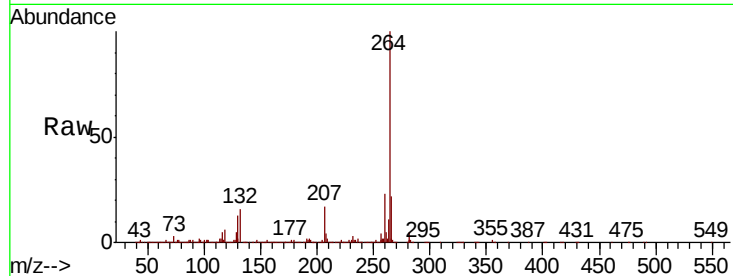




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3480
Delta R.T. -0.02 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

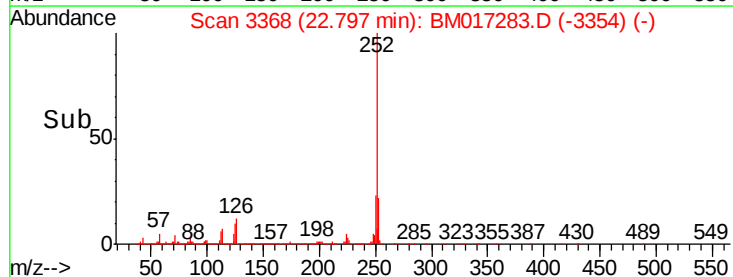
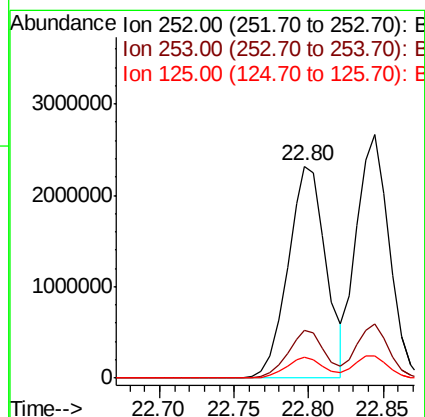
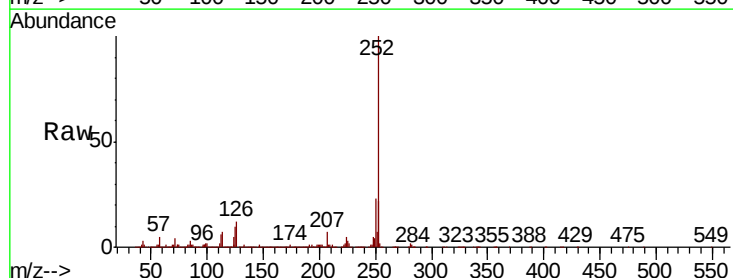
Instrument :
BNA_M
ClientSampleId :

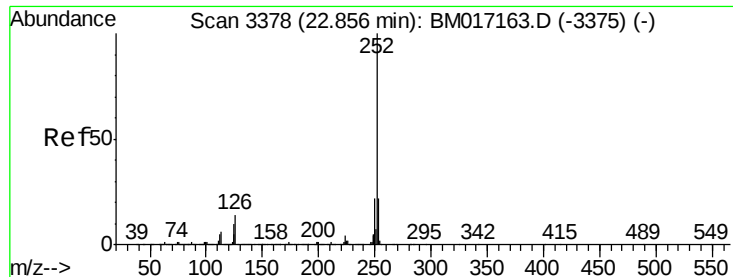
Tot Ion:264 Resp: 1705313
Ion Ratio Lower Upper
264 100
260 22.9 18.6 27.8
265 21.8 17.8 26.8



#88
Benzo(b)fluoranthene
Concen: 44.130 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.02 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Tgt Ion:252 Resp: 4114489
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 9.7 7.5 11.3

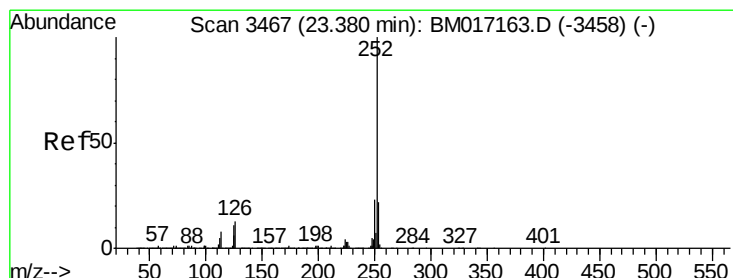
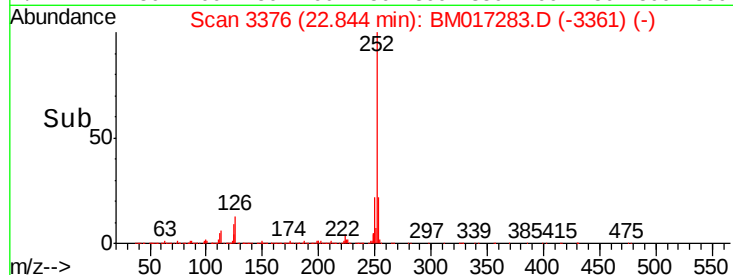
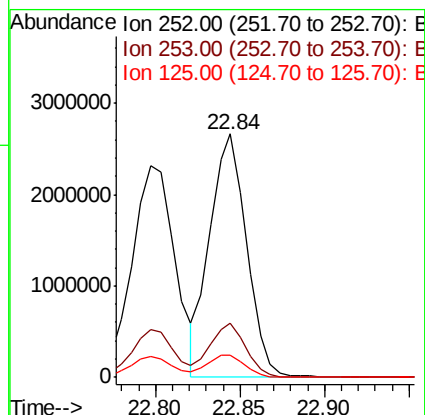
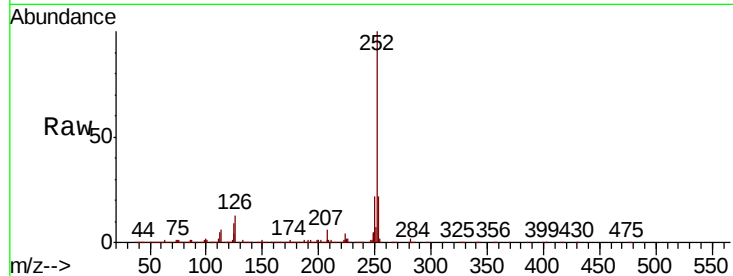




#89
Benzo(k)fluoranthene
Concen: 43.031 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

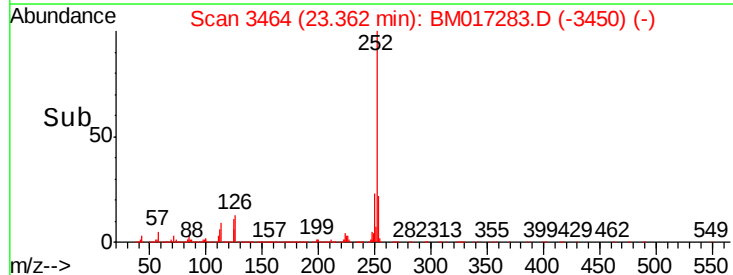
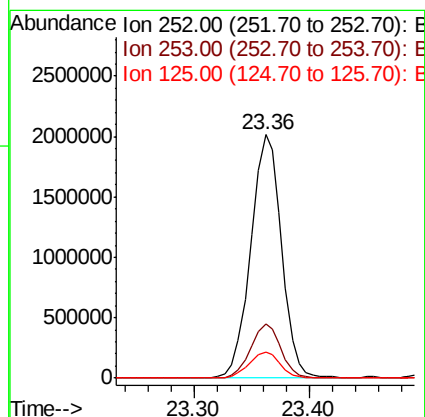
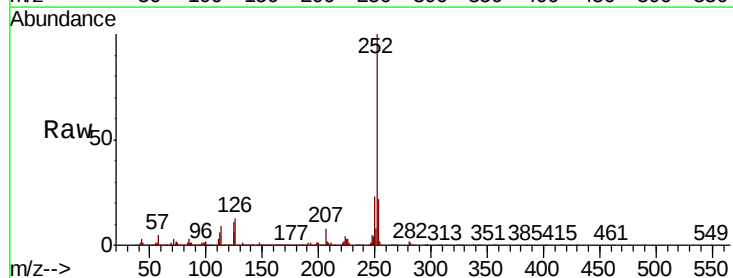
Instrument :
BNA_M
ClientSampleId :

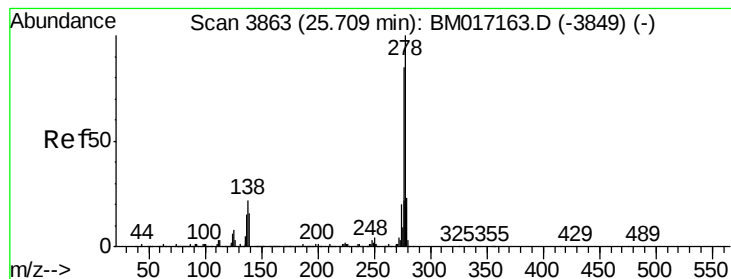
Tot Ion:252 Resp: 4025785
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.2 8.2 12.2



#90
Benzo(a)pyrene
Concen: 42.143 ng
RT: 23.36 min Scan# 3464
Delta R.T. -0.02 min
Lab File: BM017283.D
Acq: 22 Oct 2018 17:40

Tgt Ion:252 Resp: 3730727
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.7 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 38.867 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

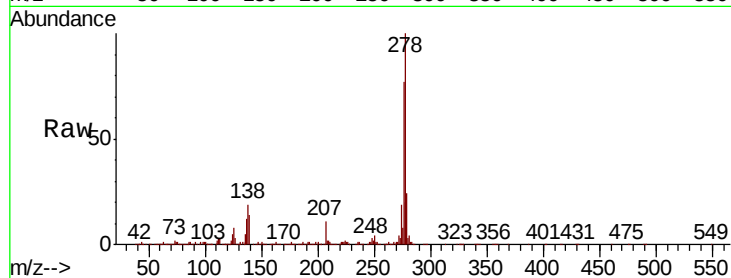
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 3416462

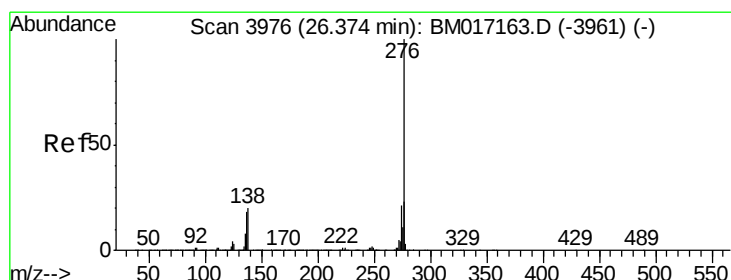
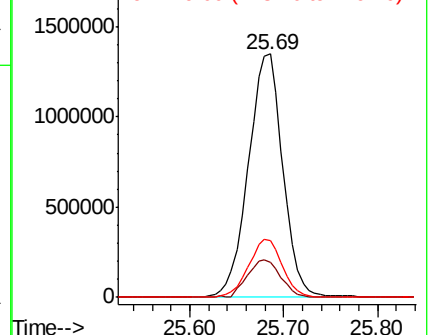
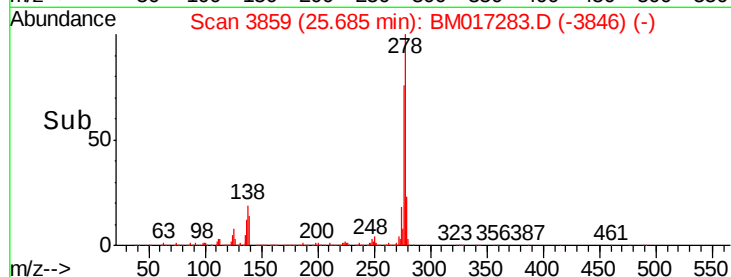
Ion	Ratio	Lower	Upper
278	100		
139	14.3	12.7	19.1
279	23.5	18.7	28.1



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: 38.584 ng

RT: 26.34 min Scan# 3971

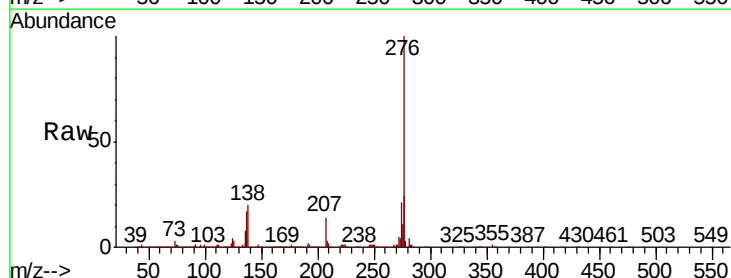
Delta R.T. -0.03 min

Lab File: BM017283.D

Acq: 22 Oct 2018 17:40

Tgt Ion:276 Resp: 3361474

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	20.4	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

