

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101818\
 Data File : BM017215.D
 Acq On : 19 Oct 2018 04:34
 Operator : MJ/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 19 09:56:51 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	7.67	152	296995	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1266661	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	694776	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1416336	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1414067	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1411721	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1381407	78.67	ng	0.00
7) Phenol-d6	6.85	99	1855161	77.57	ng	0.00
23) Nitrobenzene-d5	8.82	82	1856165	85.70	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	730472	77.74	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	4313990	82.62	ng	0.00
79) Terphenyl-d14	19.70	244	5326191	84.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	322353	35.950	ng	# 87
3) Pyridine	3.65	79	794523	38.510	ng	# 84
4) n-Nitrosodimethylamine	3.56	42	320336	38.676	ng	# 69
6) Aniline	7.01	93	1141792	38.170	ng	96
8) 2-Chlorophenol	7.24	128	814812	40.110	ng	97
9) Benzaldehyde	6.82	77	580166	38.047	ng	94
10) Phenol	6.87	94	968366	37.623	ng	96
11) bis(2-Chloroethyl)ether	7.11	93	792617	38.630	ng	99
12) 1,3-Dichlorobenzene	7.56	146	922980	38.975	ng	96
13) 1,4-Dichlorobenzene	7.70	146	947569	39.164	ng	97
14) 1,2-Dichlorobenzene	8.02	146	910426	39.056	ng	98
15) Benzyl Alcohol	7.91	79	729098	41.708	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1059919	36.975	ng	100
17) 2-Methylphenol	8.11	107	646690	39.144	ng	95
18) Hexachloroethane	8.73	117	335917	40.570	ng	100
19) n-Nitroso-di-n-propylamine	8.48	70	641999	40.769	ng	98
20) 3+4-Methylphenols	8.44	107	895654	39.638	ng	98
22) Acetophenone	8.49	105	1256233	39.125	ng	# 98
24) Nitrobenzene	8.86	77	945484	41.271	ng	92
25) Isophorone	9.39	82	1434705	40.117	ng	99
26) 2-Nitrophenol	9.57	139	445190	42.292	ng	96
27) 2,4-Dimethylphenol	9.63	122	647546	40.948	ng	100
28) bis(2-Chloroethoxy)methane	9.87	93	987571	39.234	ng	100
29) 2,4-Dichlorophenol	10.10	162	771172	42.001	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	890311	40.421	ng	99
31) Naphthalene	10.49	128	2406856	38.774	ng	99
32) Benzoic acid	9.79	122	513647	43.532	ng	93
33) 4-Chloroaniline	10.61	127	1059182	39.508	ng	97
34) Hexachlorobutadiene	10.77	225	578000	41.416	ng	98
35) Caprolactam	11.41	113	232421	34.734	ng	94
36) 4-Chloro-3-methylphenol	11.74	107	818583	39.552	ng	96
37) 2-Methylnaphthalene	12.11	142	1686352	39.700	ng	98
38) 1-Methylnaphthalene	12.33	142	1642910	39.739	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1025465	41.911	ng	99

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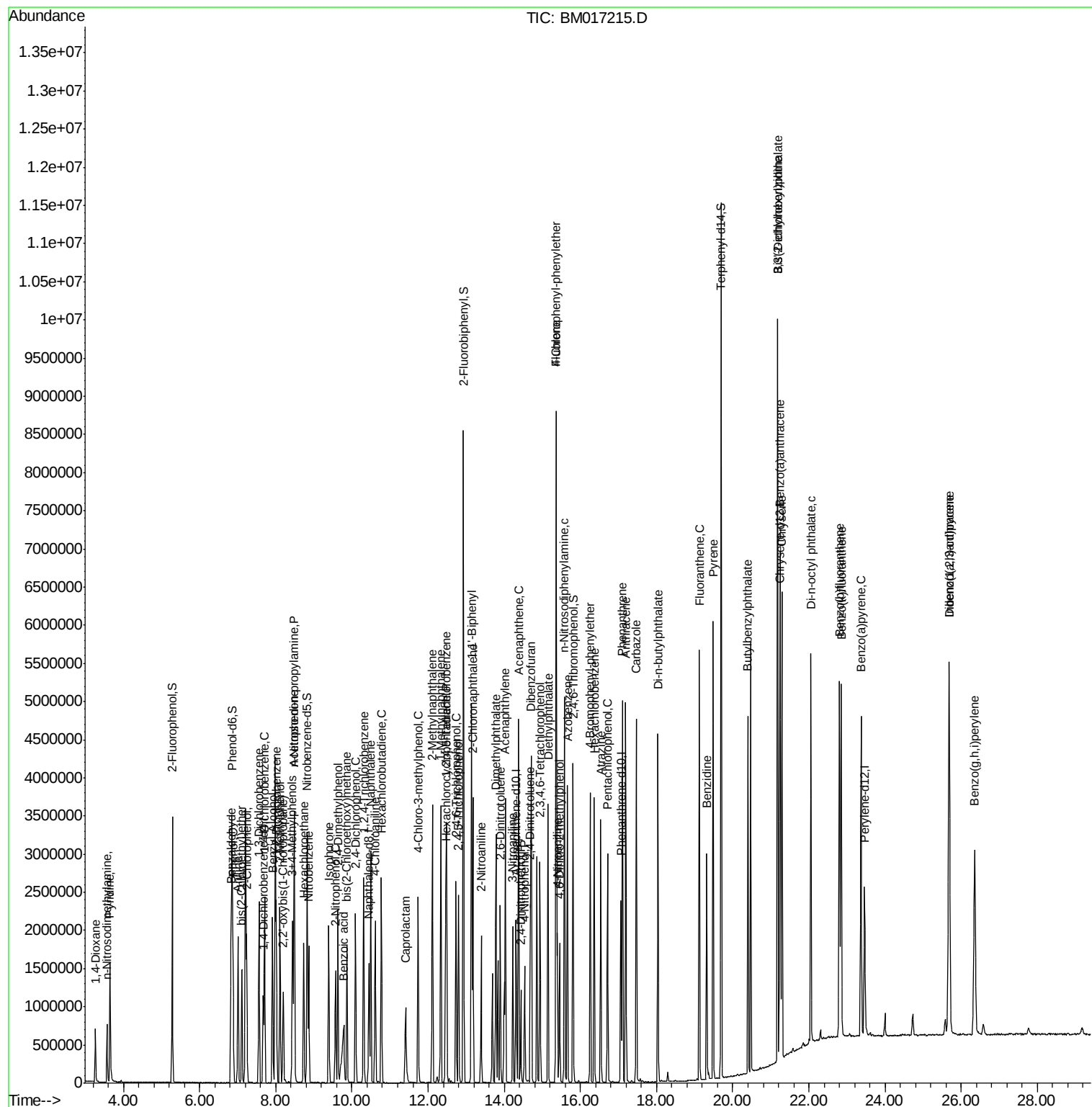
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	594736	50.280	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	623972	43.931	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	650218	42.691	ng	97
46) 1,1'-Biphenyl	13.14	154	2543369	40.679	ng	100
47) 2-Chloronaphthalene	13.17	162	1883727	40.954	ng	98
48) 2-Nitroaniline	13.39	65	513503	40.522	ng	98
49) Acenaphthylene	14.03	152	2697598	40.461	ng	100
50) Dimethylphthalate	13.78	163	2091820	39.025	ng	100
51) 2,6-Dinitrotoluene	13.90	165	465975	39.497	ng	97
52) Acenaphthene	14.37	154	1659501	39.643	ng	98
53) 3-Nitroaniline	14.23	138	490509	38.389	ng	97
54) 2,4-Dinitrophenol	14.43	184	242086	39.607	ng	96
55) Dibenzofuran	14.71	168	2658798	38.194	ng	98
56) 4-Nitrophenol	14.54	139	382541	35.630	ng	95
57) 2,4-Dinitrotoluene	14.69	165	616482	38.879	ng	95
58) Fluorene	15.36	166	1977519	38.379	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	565621	40.741	ng	98
60) Diethylphthalate	15.15	149	2087149	39.263	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1137803	38.734	ng	96
62) 4-Nitroaniline	15.39	138	490845	35.767	ng	92
63) Azobenzene	15.66	77	2004352	38.792	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	381790	42.856	ng	97
66) n-Nitrosodiphenylamine	15.58	169	1858445	43.370	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	694948	44.687	ng	95
68) Hexachlorobenzene	16.36	284	754776	41.782	ng	98
69) Atrazine	16.54	200	629563	41.050	ng	99
70) Pentachlorophenol	16.71	266	515933	41.692	ng	99
71) Phenanthrene	17.10	178	3017492	39.488	ng	99
72) Anthracene	17.19	178	2972867	40.943	ng	99
73) Carbazole	17.47	167	2890468	38.971	ng	100
74) Di-n-butylphthalate	18.04	149	3170820	40.533	ng	99
75) Fluoranthene	19.12	202	3250596	37.803	ng	99
77) Benzidine	19.32	184	1617541	45.112	ng	99
78) Pyrene	19.49	202	3402690	43.054	ng	100
80) Butylbenzylphthalate	20.40	149	1326038	44.676	ng	94
81) Benzo(a)anthracene	21.24	228	3182339	39.991	ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	1239482	41.793	ng	99
83) Chrysene	21.29	228	3092096	39.258	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	1893846	41.915	ng	99
85) Di-n-octyl phthalate	22.05	149	3081878	40.518	ng	100
86) Indeno(1,2,3-cd)pyrene	25.68	276	3495978	39.684	ng	98
88) Benzo(b)fluoranthene	22.80	252	3134868	40.616	ng	99
89) Benzo(k)fluoranthene	22.85	252	3008810	38.849	ng	98
90) Benzo(a)pyrene	23.37	252	2945599	40.194	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	2964615	40.741	ng	98
92) Benzo(g,h,i)perylene	26.36	276	2907628	40.315	ng	98

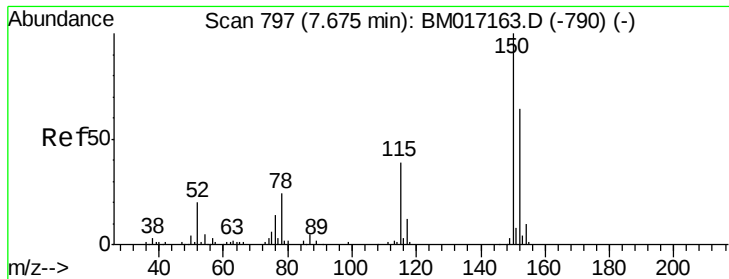
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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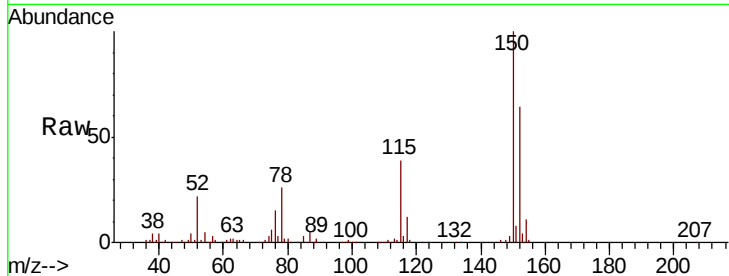


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.3	186.5
115	59.9	48.1	72.1

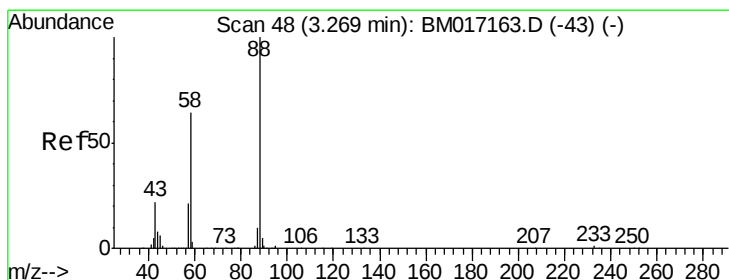
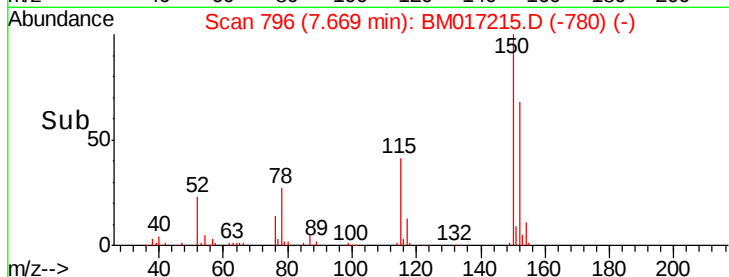
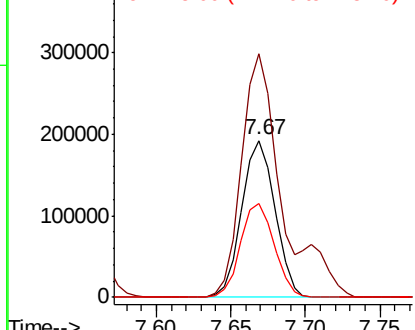


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

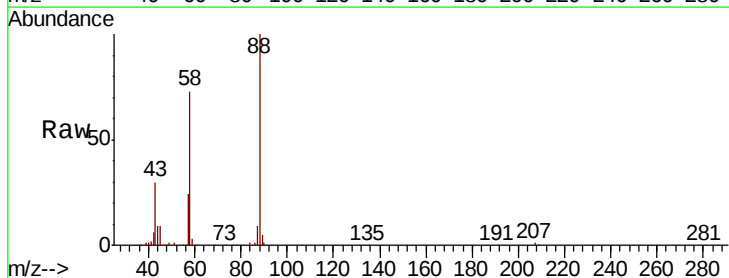
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.950 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	50.2	75.4
43	30.0	19.3	28.9

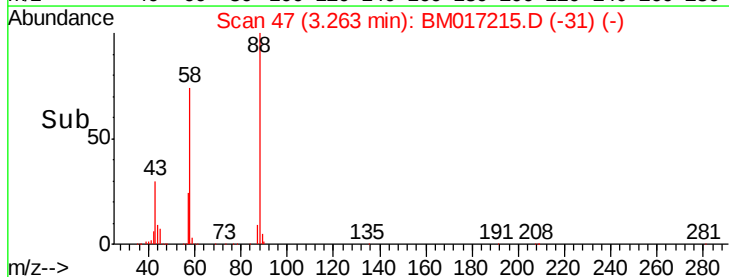
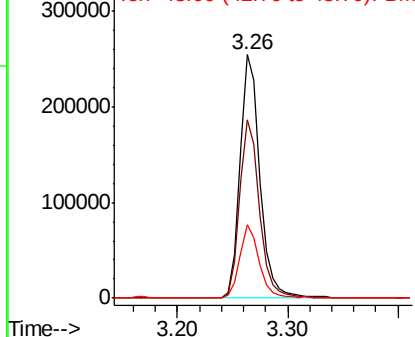


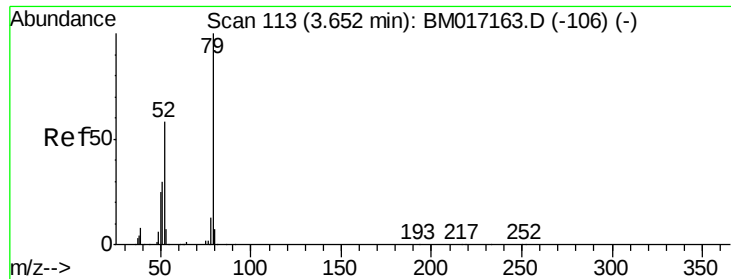
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 38.510 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

Instrument :

BNA_M

ClientSampleId :

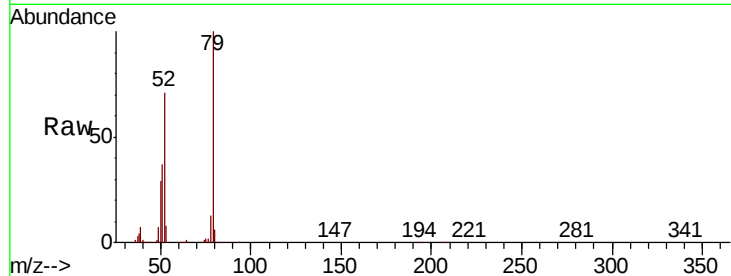
Tot Ion: 79 Resp: 794523

Ion Ratio Lower Upper

79 100

52 71.2 46.5 69.7#

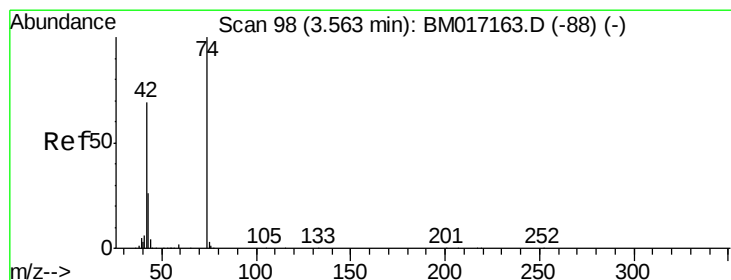
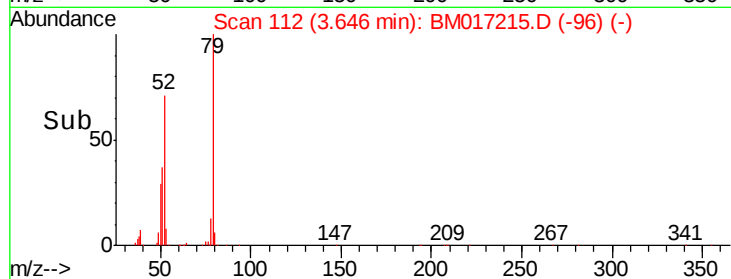
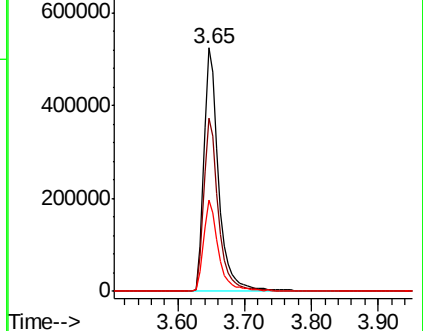
51 37.3 24.6 37.0#



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: 38.676 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.00 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

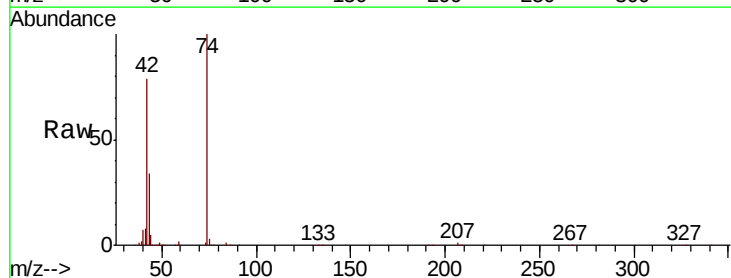
Tgt Ion: 42 Resp: 320336

Ion Ratio Lower Upper

42 100

74 126.7 114.4 171.6

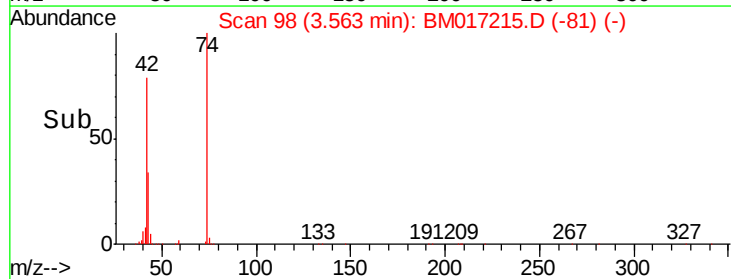
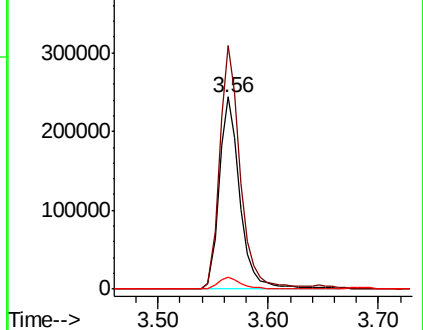
44 6.5 48.6 73.0#

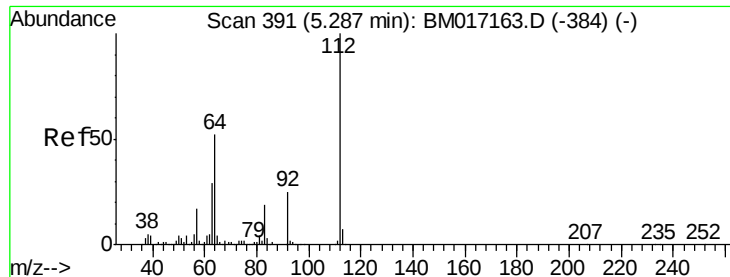


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

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: 78.669 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

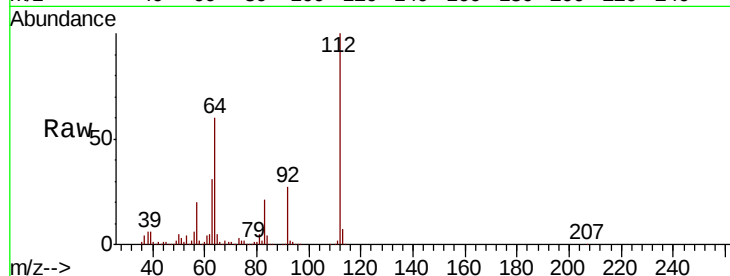
Instrument :

BNA_M

ClientSampled :

Tot Ion:112 Resp: 1381407

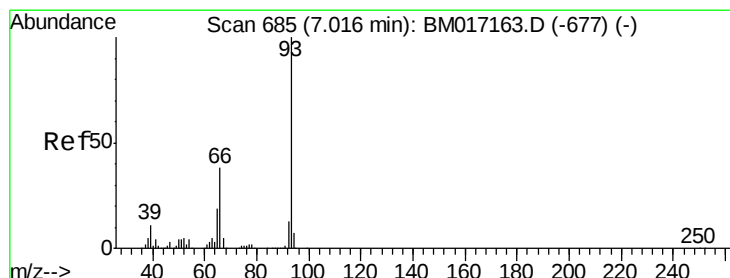
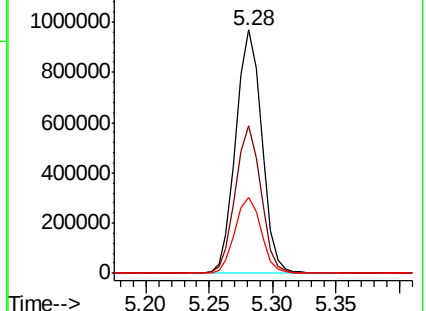
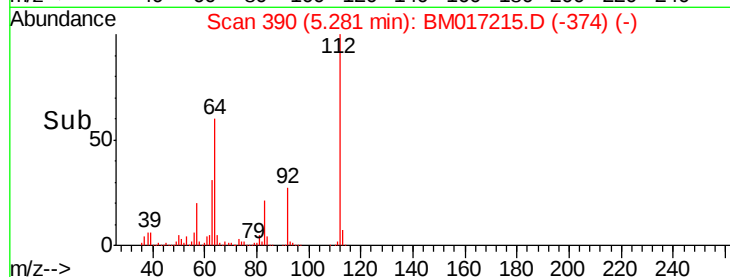
Ion	Ratio	Lower	Upper
112	100		
64	60.4	41.7	62.5
63	31.4	23.0	34.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 38.170 ng

RT: 7.01 min Scan# 684

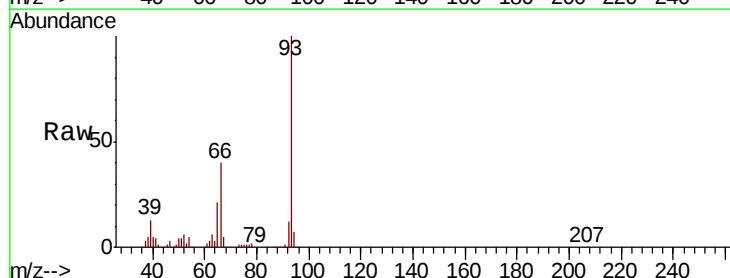
Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

Tgt Ion: 93 Resp: 1141792

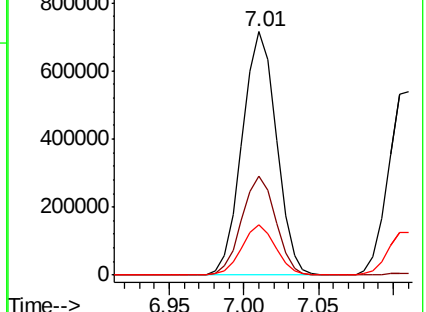
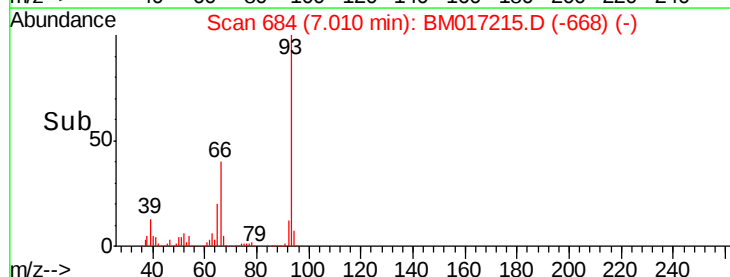
Ion	Ratio	Lower	Upper
93	100		
66	40.5	30.4	45.6
65	20.6	15.3	22.9

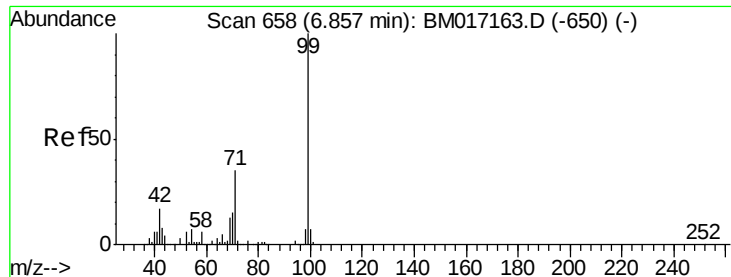


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 77.572 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

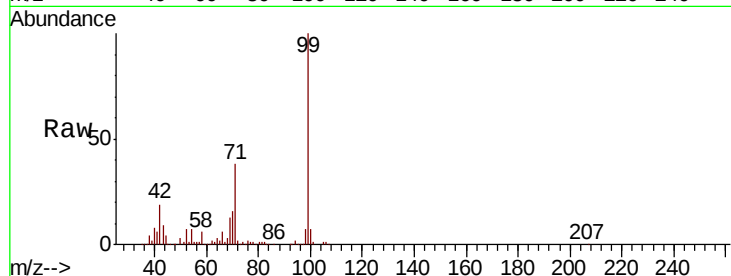
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 1855161

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.3	19.9
71	37.7	28.0	42.0

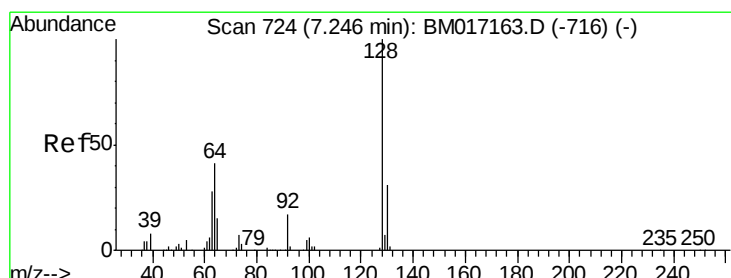
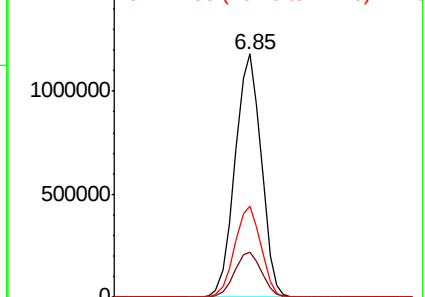
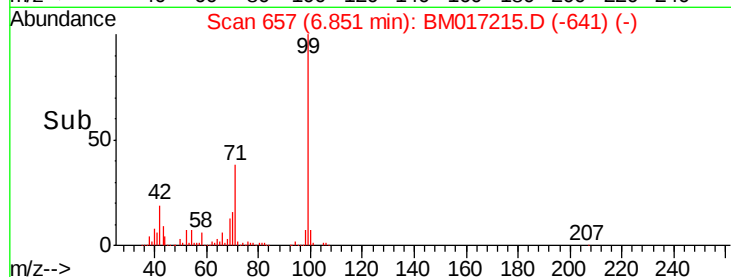


Abundance

Ion 99.00 (98.70 to 99.70): BM017215.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017215.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017215.D (-641) (-)



#8

2-Chlorophenol

Concen: 40.110 ng

RT: 7.24 min Scan# 723

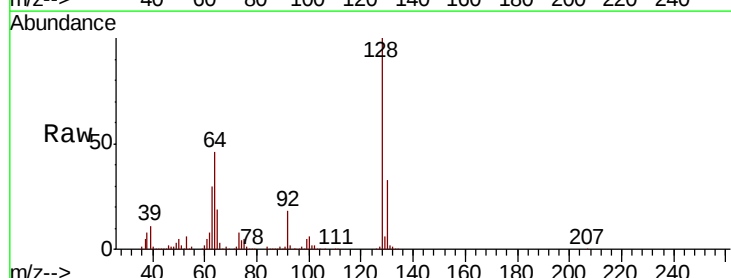
Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

Tgt Ion: 128 Resp: 814812

Ion	Ratio	Lower	Upper
128	100		
130	33.3	11.0	51.0
64	45.9	24.1	64.1

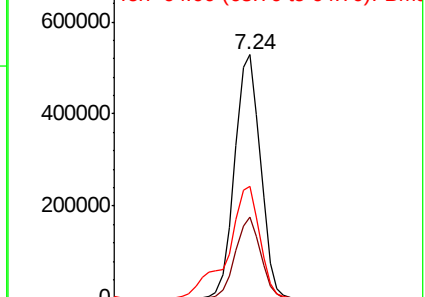
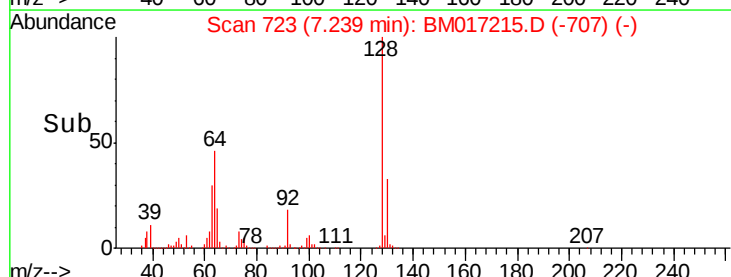


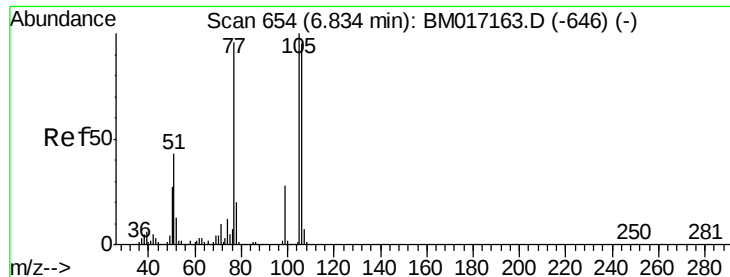
Abundance

Ion 128.00 (127.70 to 128.70): BM017215.D (-707) (-)

Ion 130.00 (129.70 to 130.70): BM017215.D (-707) (-)

Ion 64.00 (63.70 to 64.70): BM017215.D (-707) (-)





#9

Benzaldehyde

Concen: 38.047 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

Instrument :

BNA_M

ClientSampled :

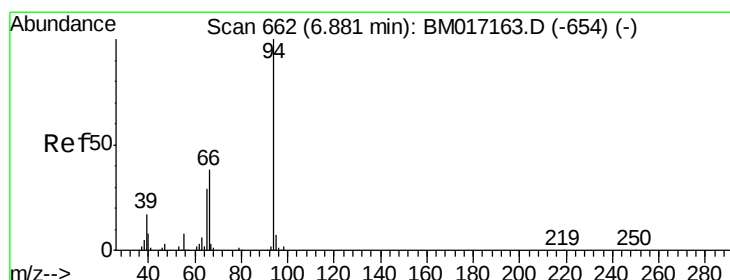
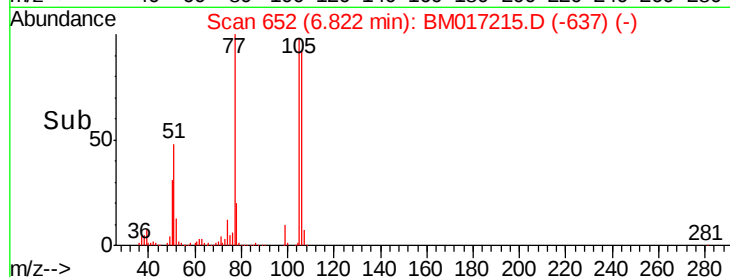
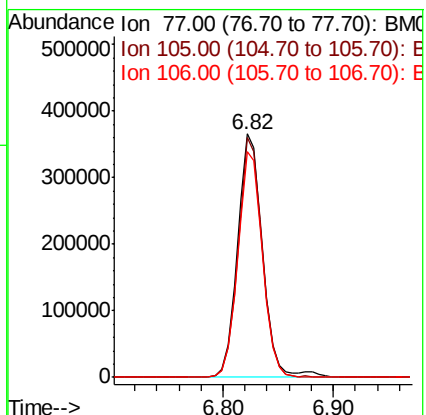
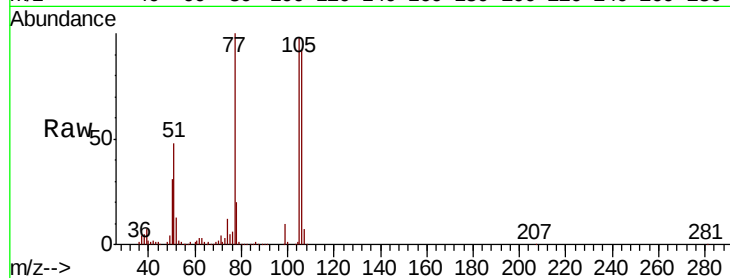
Tot Ion: 77 Resp: 580166

Ion Ratio Lower Upper

77 100

105 98.5 83.9 123.9

106 92.4 78.2 118.2



#10

Phenol

Concen: 37.623 ng

RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

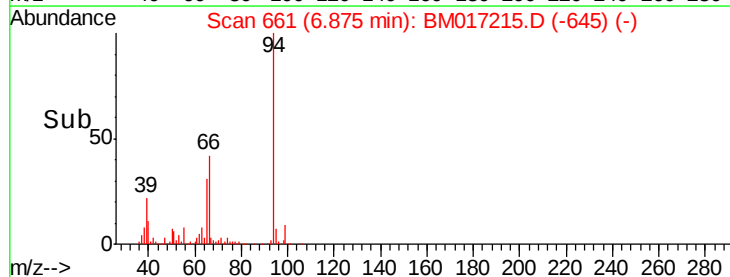
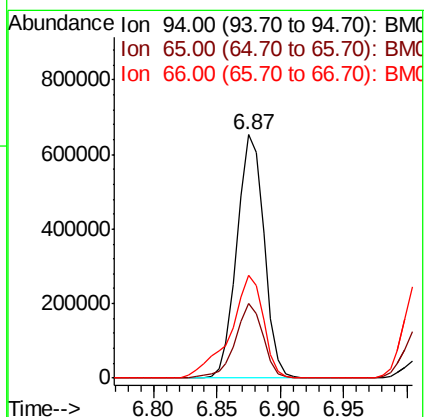
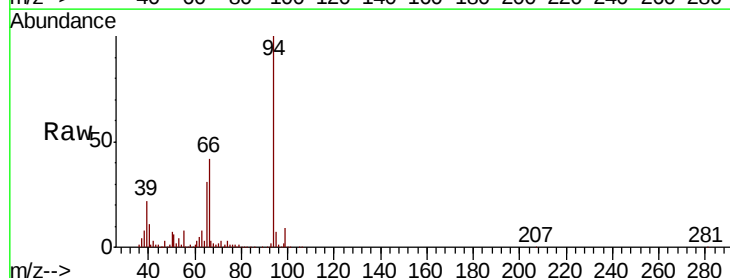
Tgt Ion: 94 Resp: 968366

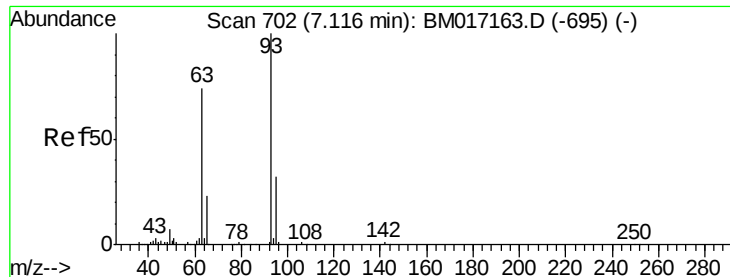
Ion Ratio Lower Upper

94 100

65 30.6 9.4 49.4

66 42.0 19.0 59.0

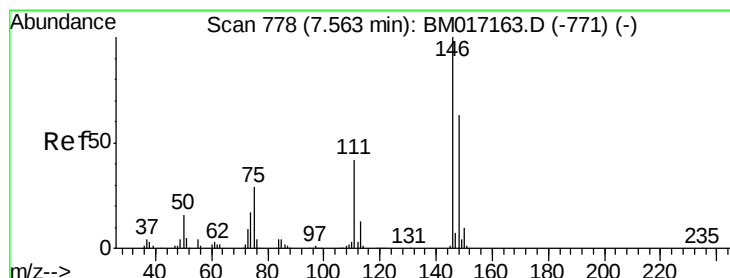
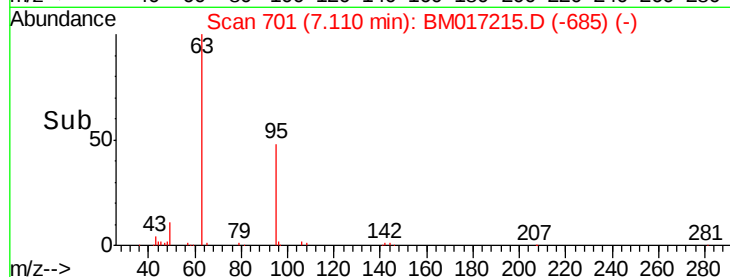
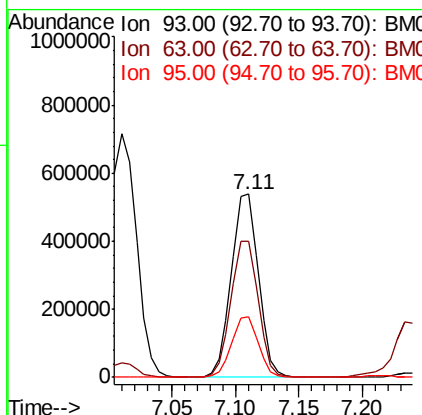
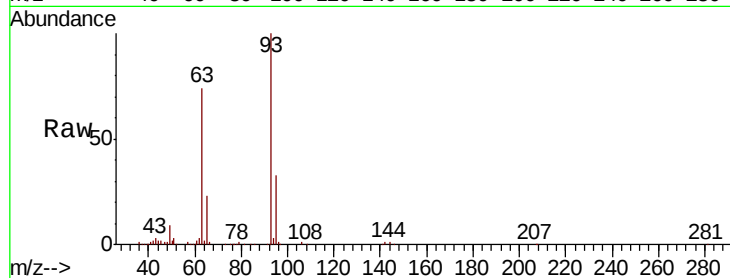




#11
bis(2-Chloroethyl)ether
Concen: 38.630 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

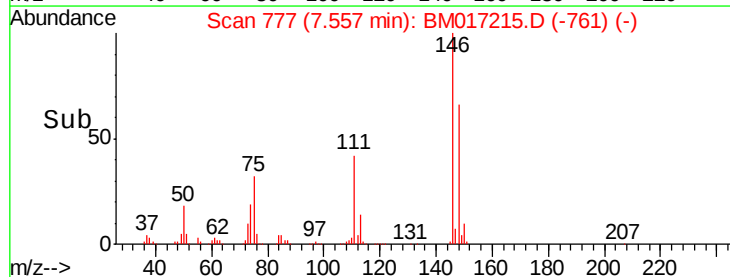
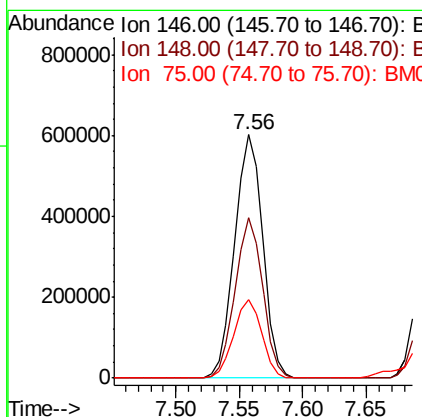
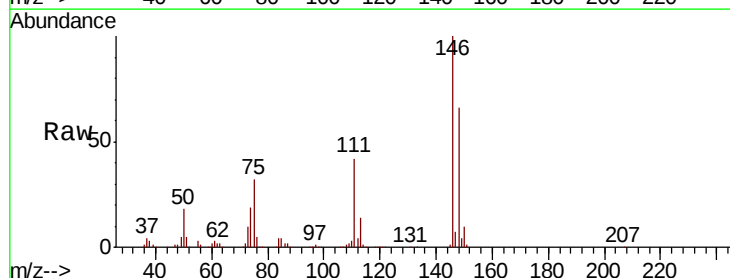
Instrument :
BNA_M
ClientSampled :

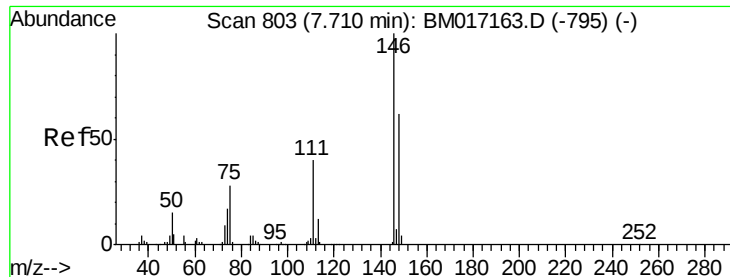
Tot Ion:	93	Resp:	792617
Ion	Ratio	Lower	Upper
93	100		
63	74.2	54.0	94.0
95	32.8	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 38.975 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Tgt Ion:	146	Resp:	922980
Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.2	75.4
75	32.3	23.3	34.9

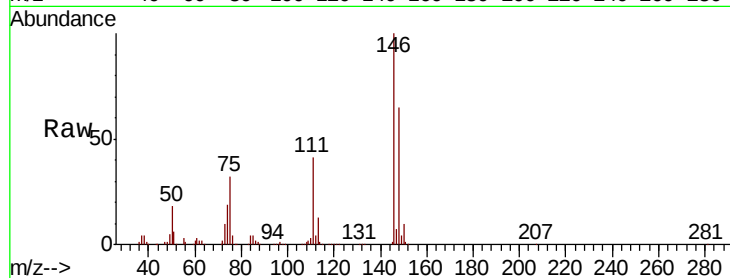




#13
 1,4-Dichlorobenzene
 Concen: 39.164 ng
 RT: 7.70 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BM017215.D
 Acq: 19 Oct 2018 04:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	49.8	74.6
111	40.8	32.1	48.1

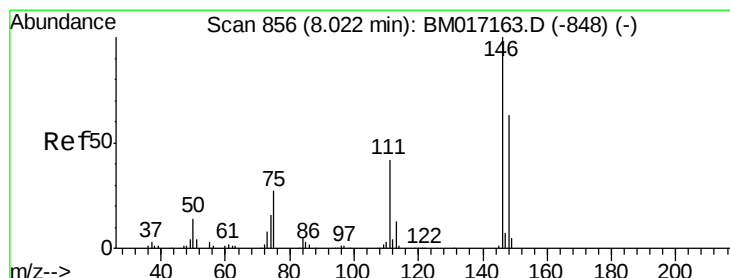
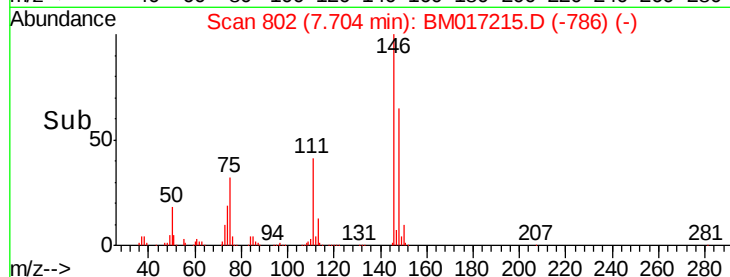
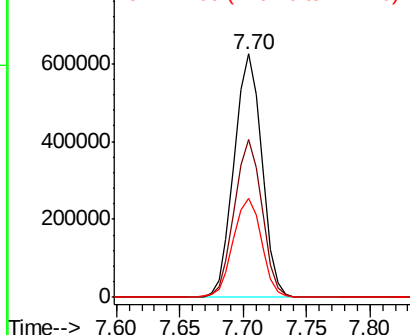


Abundance

Ion 146.00 (145.70 to 146.70): E

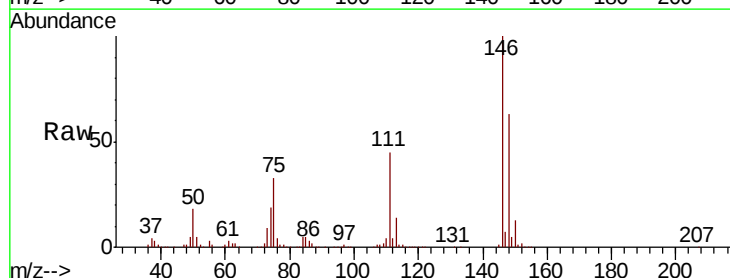
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.056 ng
 RT: 8.02 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BM017215.D
 Acq: 19 Oct 2018 04:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.8	76.2
111	44.6	33.8	50.6

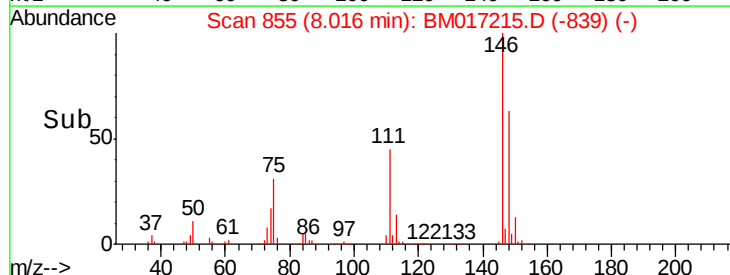
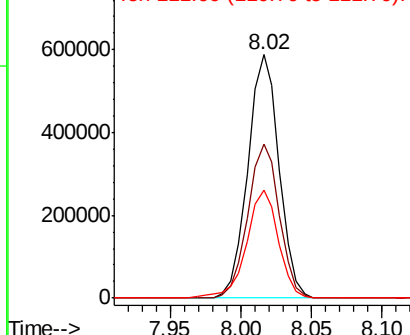


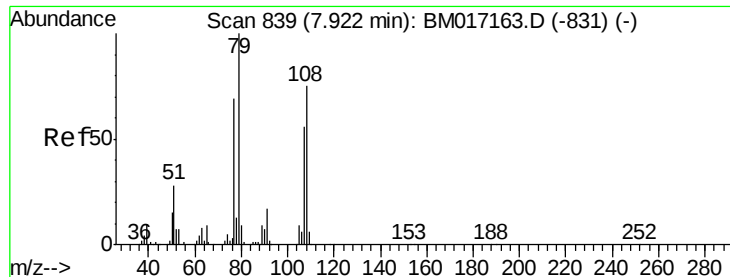
Abundance

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: 41.708 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

Instrument :

BNA_M

ClientSampleId :

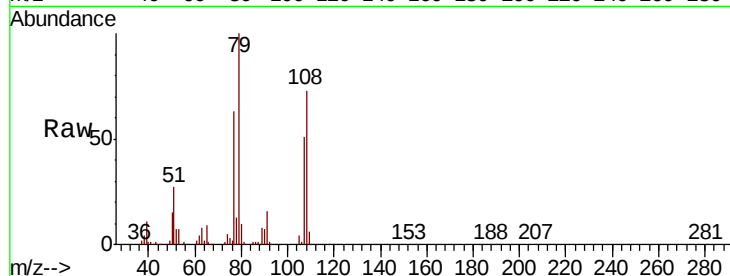
Tot Ion: 79 Resp: 729098

Ion Ratio Lower Upper

79 100

108 73.0 60.3 90.5

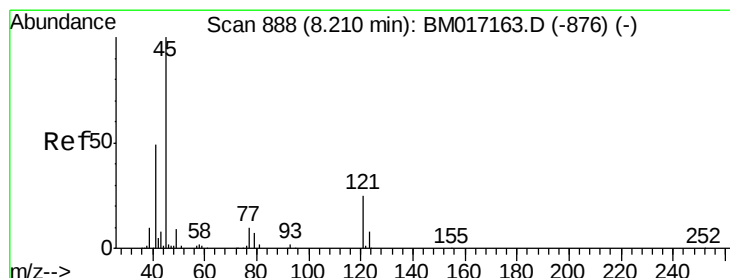
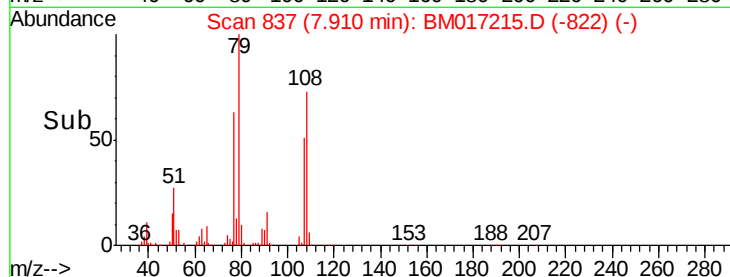
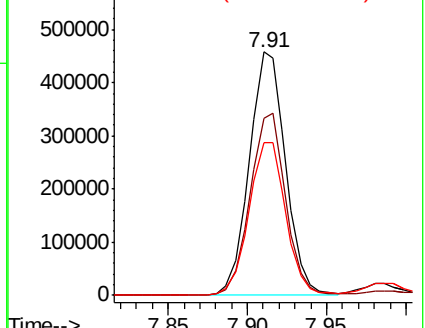
77 62.9 54.8 82.2



Abundance Ion 79.00 (78.70 to 79.70): BM017215.D (-822) (-)

Ion 108.00 (107.70 to 108.70): BM017215.D (-822) (-)

Ion 77.00 (76.70 to 77.70): BM017215.D (-822) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.975 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

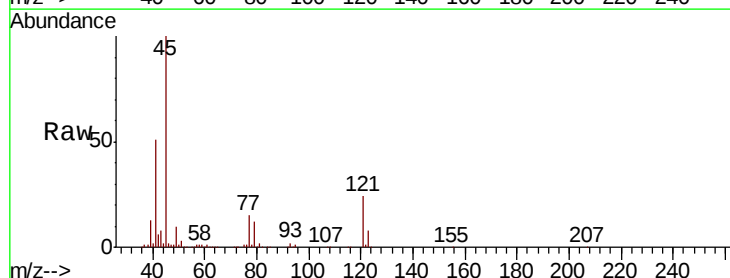
Tgt Ion: 45 Resp: 1059919

Ion Ratio Lower Upper

45 100

77 15.4 0.0 35.5

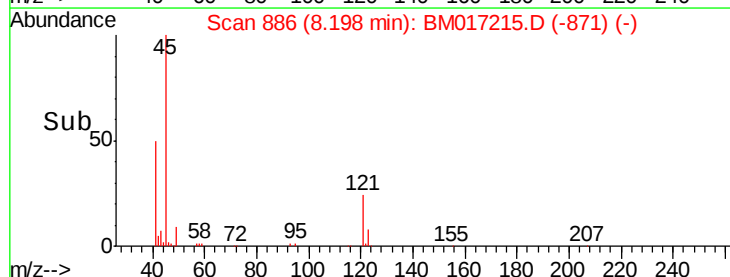
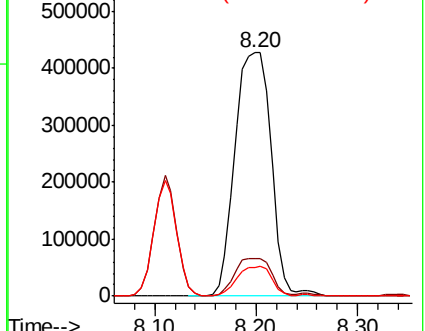
79 11.9 0.0 32.1

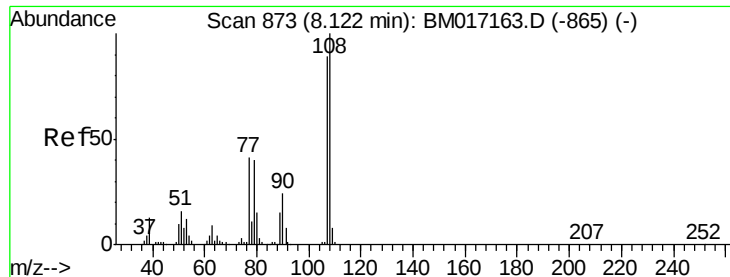


Abundance Ion 45.00 (44.70 to 45.70): BM017215.D (-871) (-)

Ion 77.00 (76.70 to 77.70): BM017215.D (-871) (-)

Ion 79.00 (78.70 to 79.70): BM017215.D (-871) (-)





#17

2-Methylphenol

Concen: 39.144 ng

RT: 8.11 min Scan# 871

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 646690

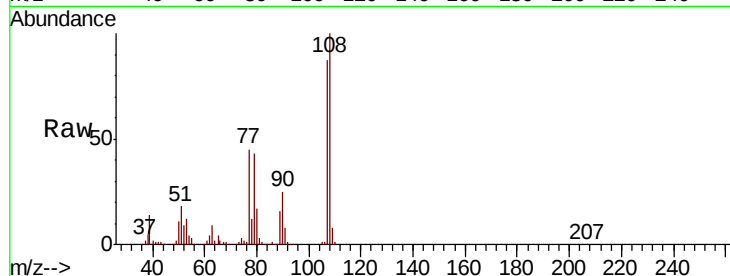
Ion Ratio Lower Upper

107 100

108 115.5 90.3 135.5

77 51.5 37.0 55.4

79 49.6 35.8 53.6

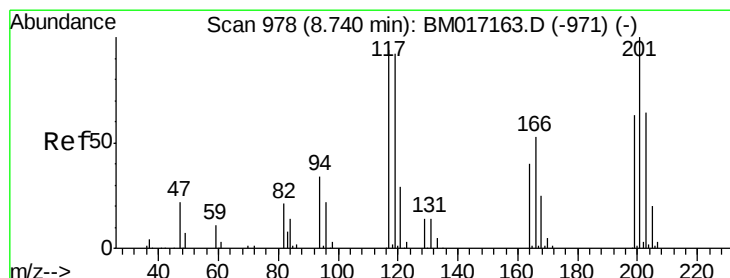
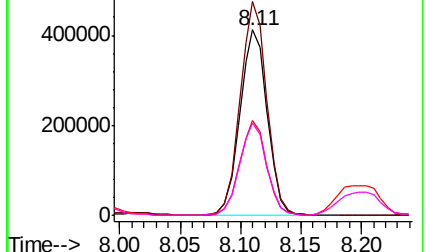
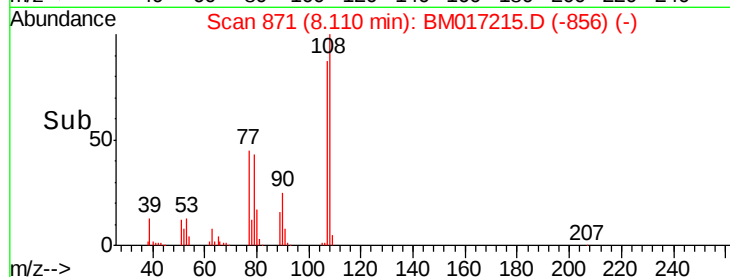


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.570 ng

RT: 8.73 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

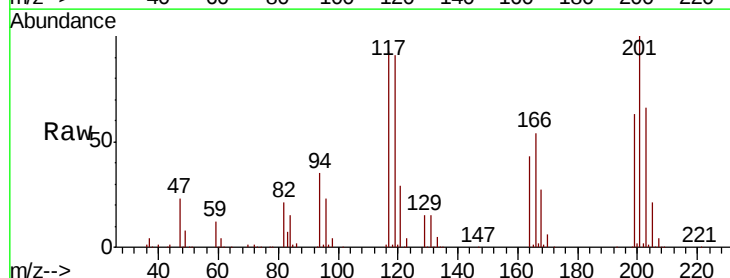
Tgt Ion:117 Resp: 335917

Ion Ratio Lower Upper

117 100

119 97.8 78.2 117.2

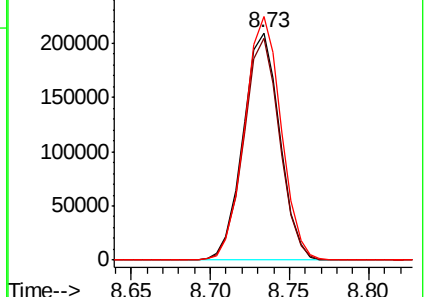
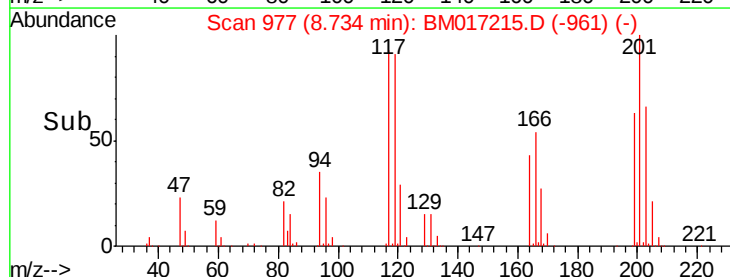
201 107.1 85.3 127.9

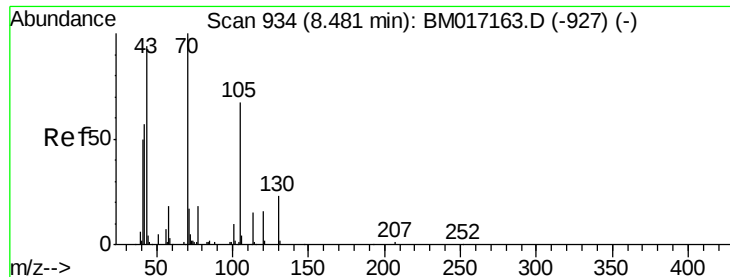


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

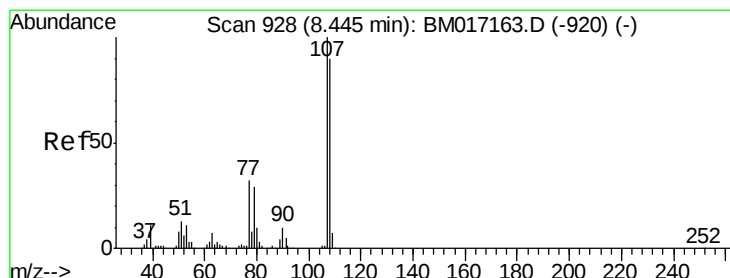
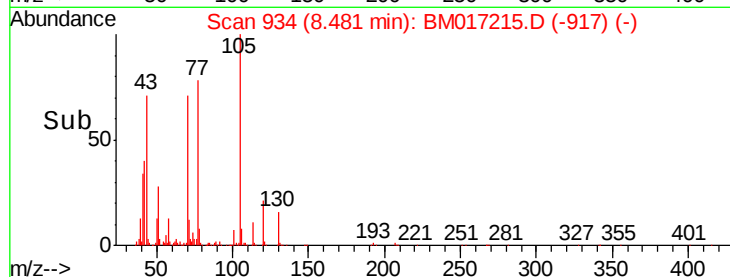
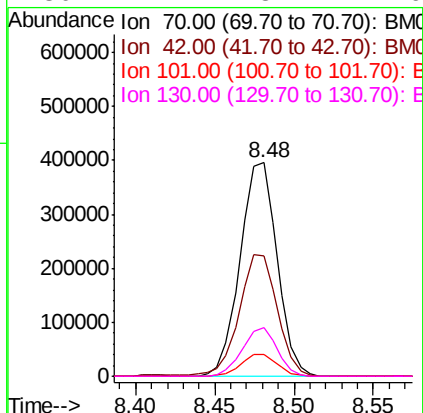
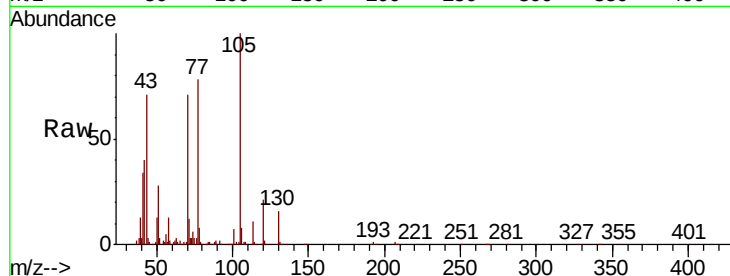




#19
n-Nitroso-di-n-propylamine
Concen: 40.769 ng
RT: 8.48 min Scan# 934
Delta R.T. -0.00 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

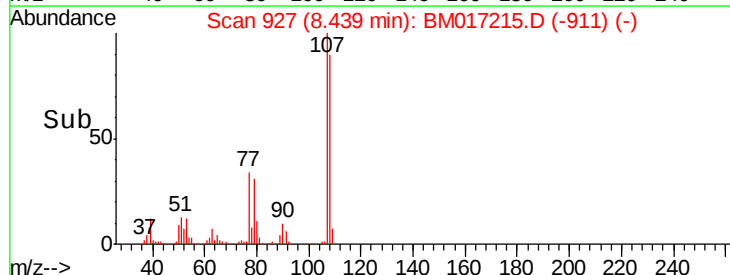
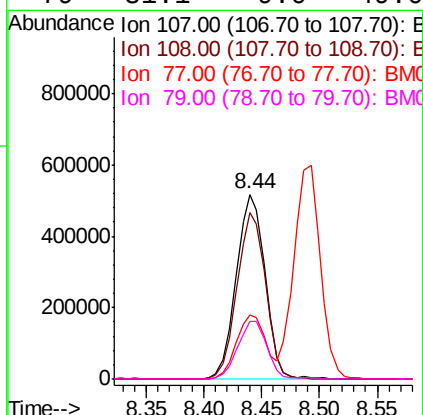
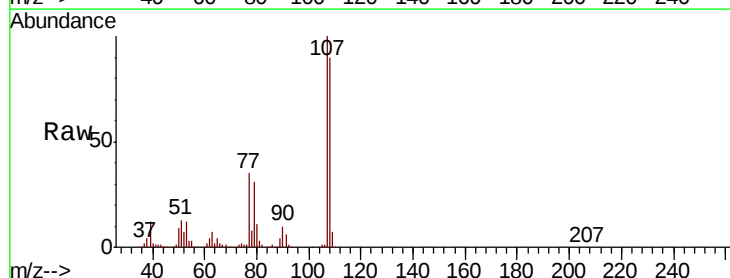
Instrument :
BNA_M
ClientSampleId :

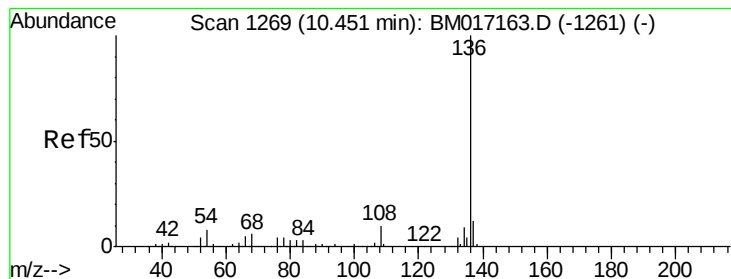
Tot Ion:	70	Resp:	641999
Ion	Ratio	Lower	Upper
70	100		
42	56.1	46.1	69.1
101	10.2	8.2	12.4
130	22.7	18.4	27.6



#20
3+4-Methylphenols
Concen: 39.638 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Tgt Ion:	107	Resp:	895654
Ion	Ratio	Lower	Upper
107	100		
108	90.0	69.9	109.9
77	34.7	12.2	52.2
79	31.1	9.0	49.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1266661

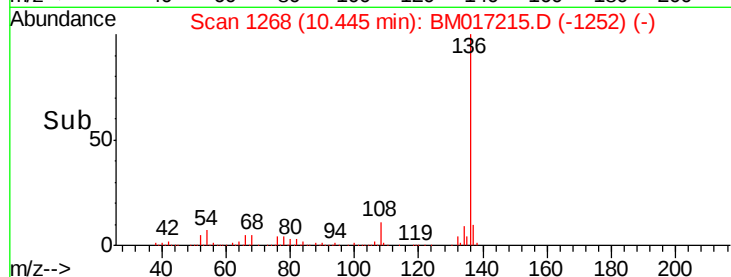
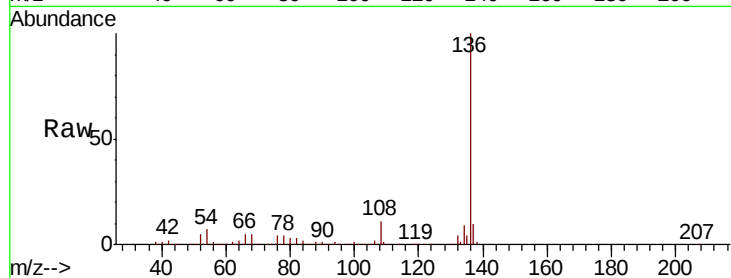
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 7.4 6.7 10.1

68 5.2 4.7 7.1



Abundance Ion 136.00 (135.70 to 136.70): E

1200000 Ion 137.00 (136.70 to 137.70): E

1000000 Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM

800000

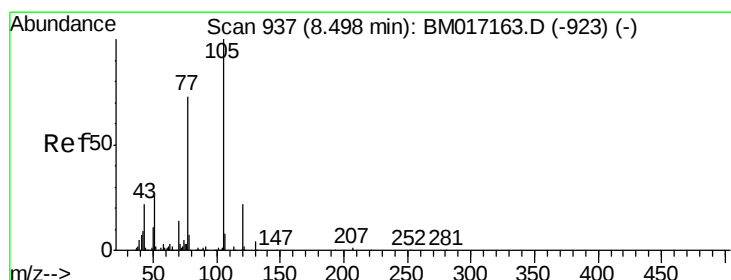
600000

400000

200000

0

Time-->



#22

Acetophenone

Concen: 39.125 ng

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

Tgt Ion:105 Resp: 1256233

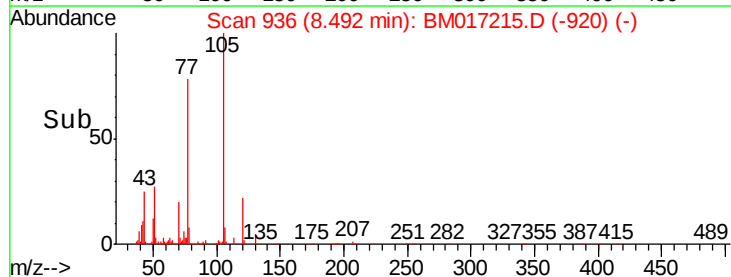
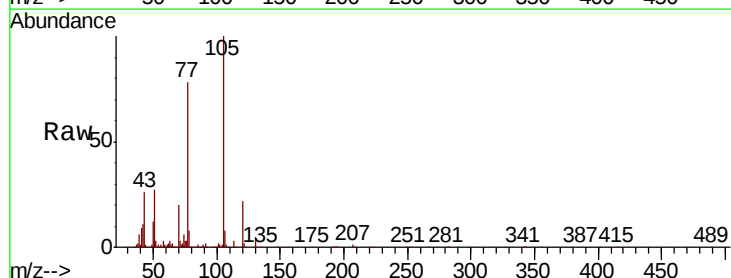
Ion Ratio Lower Upper

105 100

71 3.1 2.0 3.0#

51 27.2 20.6 31.0

120 21.9 17.5 26.3



Abundance Ion 105.00 (104.70 to 105.70): E

1200000 Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

1000000

800000

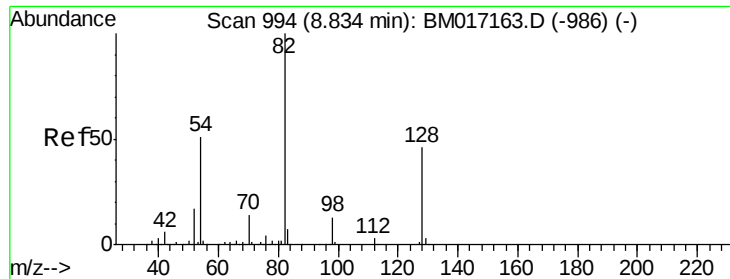
600000

400000

200000

0

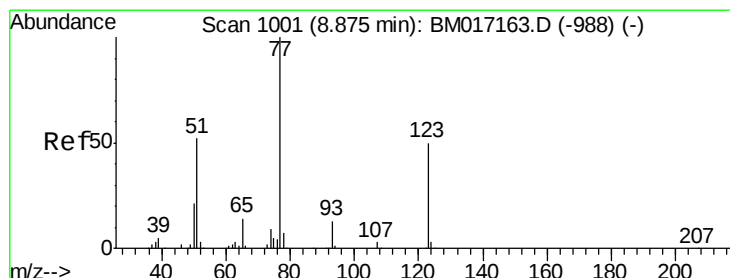
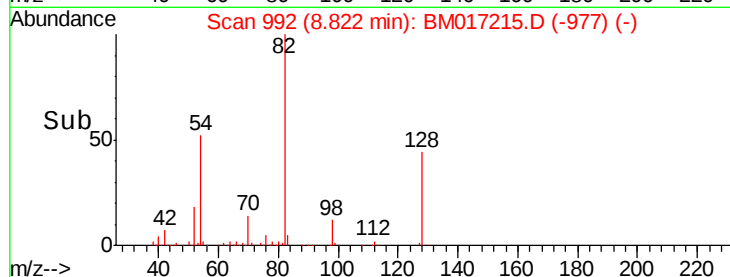
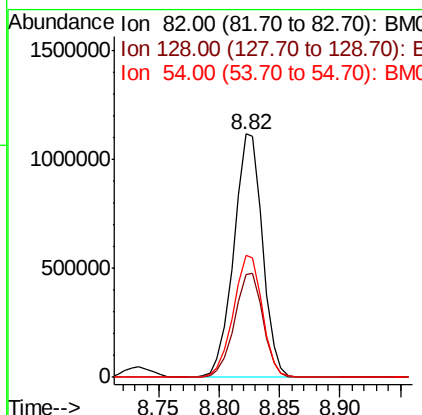
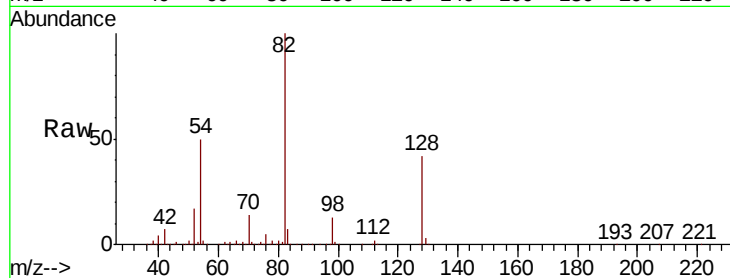
Time-->



#23
 Nitrobenzene-d5
 Concen: 85.705 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017215.D
 Acq: 19 Oct 2018 04:34

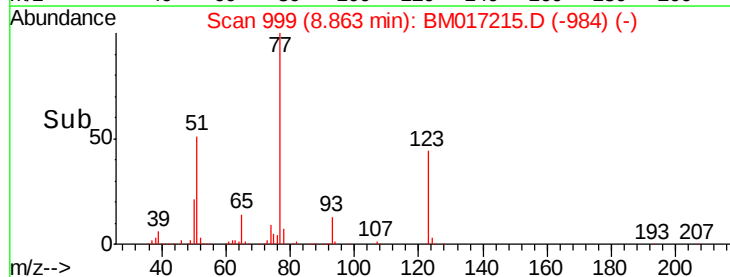
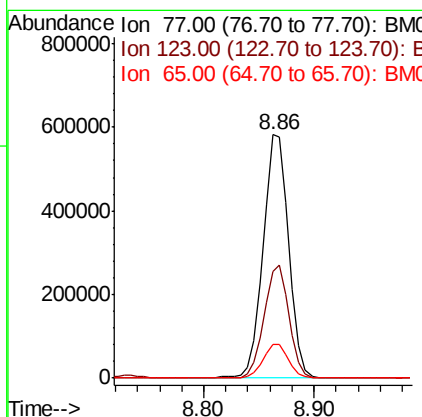
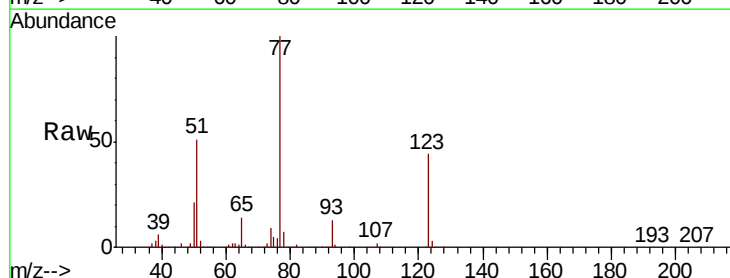
Instrument :
 BNA_M
 ClientSampled :

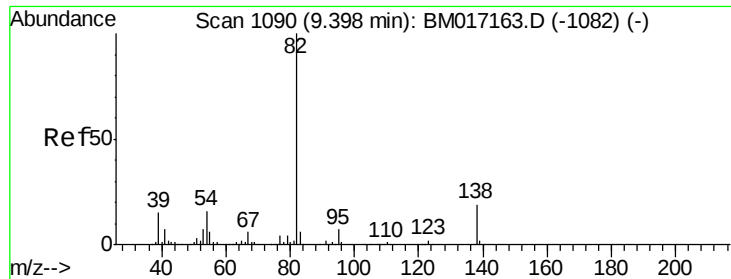
Tot Ion: 82 Resp: 1856165
 Ion Ratio Lower Upper
 82 100
 128 42.3 37.0 55.6
 54 50.1 40.7 61.1



#24
 Nitrobenzene
 Concen: 41.271 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017215.D
 Acq: 19 Oct 2018 04:34

Tgt Ion: 77 Resp: 945484
 Ion Ratio Lower Upper
 77 100
 123 43.7 40.2 60.4
 65 13.9 11.4 17.0

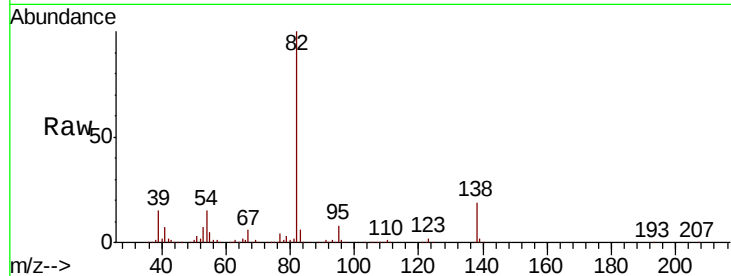




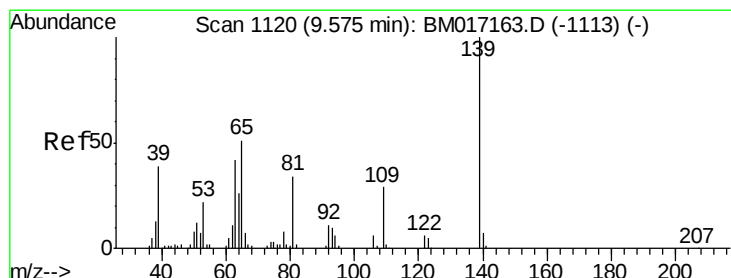
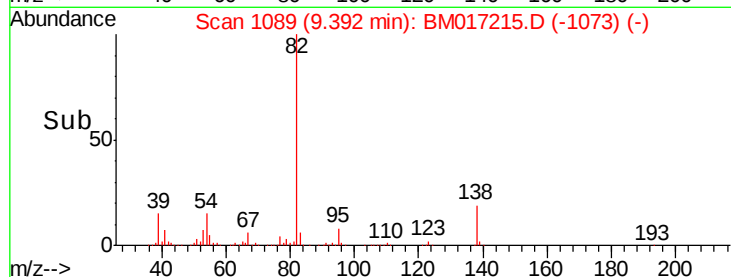
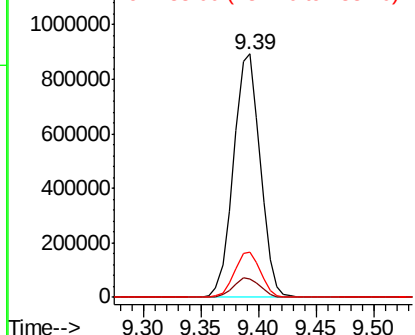
#25
Isophorone
Concen: 40.117 ng
RT: 9.39 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 1434705
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 18.6 15.4 23.2

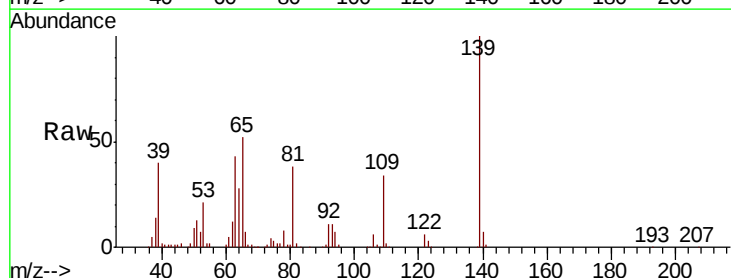


Abundance Ion 82.00 (81.70 to 82.70): BM017215.D (-1082) (-)
Ion 95.00 (94.70 to 95.70): BM017215.D (-1082) (-)
Ion 138.00 (137.70 to 138.70): BM017215.D (-1082) (-)

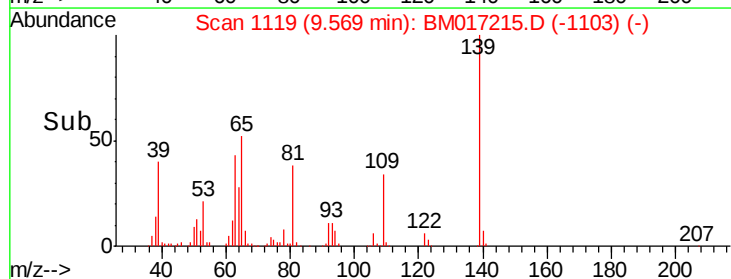
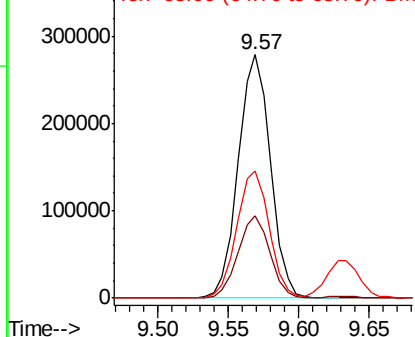


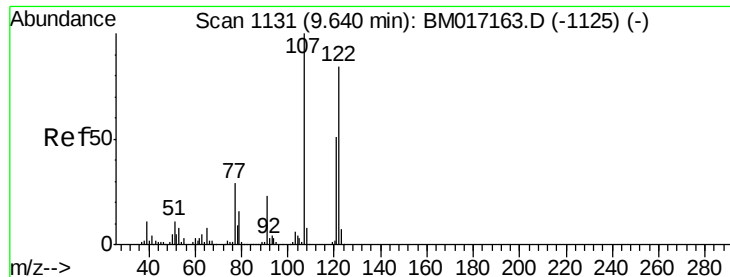
#26
2-Nitrophenol
Concen: 42.292 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Tgt Ion: 139 Resp: 445190
Ion Ratio Lower Upper
139 100
109 33.6 23.2 34.8
65 52.0 40.6 61.0



Abundance Ion 139.00 (138.70 to 139.70): BM017215.D (-1103) (-)
Ion 109.00 (108.70 to 109.70): BM017215.D (-1103) (-)
Ion 65.00 (64.70 to 65.70): BM017215.D (-1103) (-)

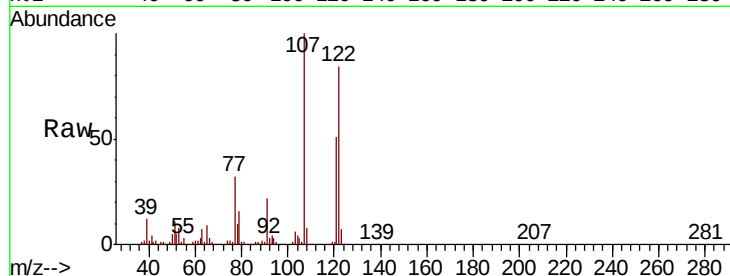




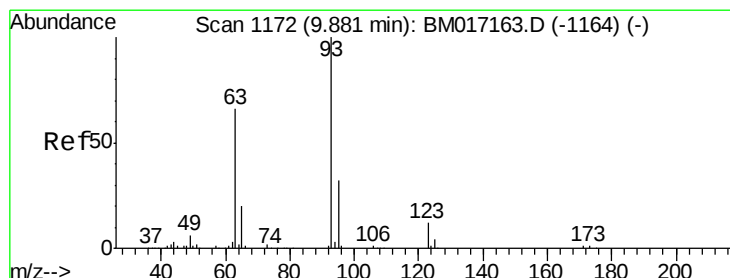
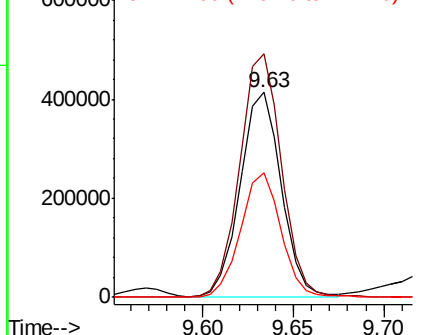
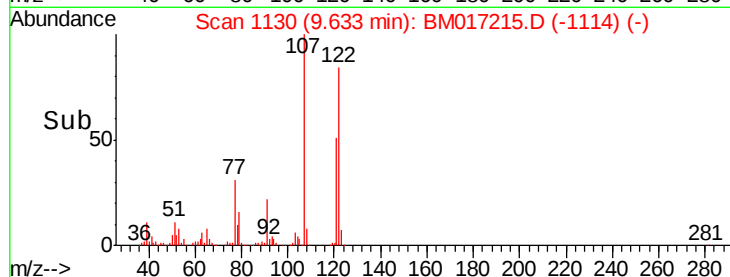
#27
 2,4-Dimethylphenol
 Concen: 40.948 ng
 RT: 9.63 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BM017215.D
 Acq: 19 Oct 2018 04:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.7	95.0	142.6
121	60.6	48.2	72.4

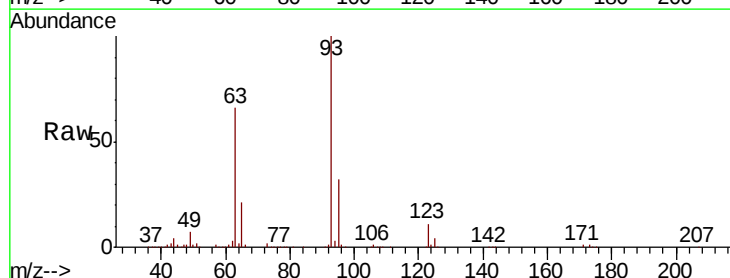


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

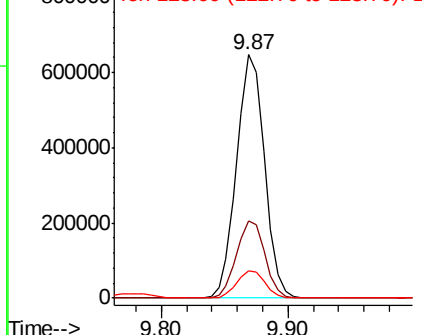
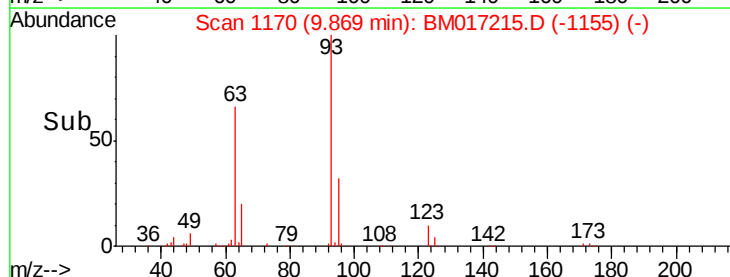


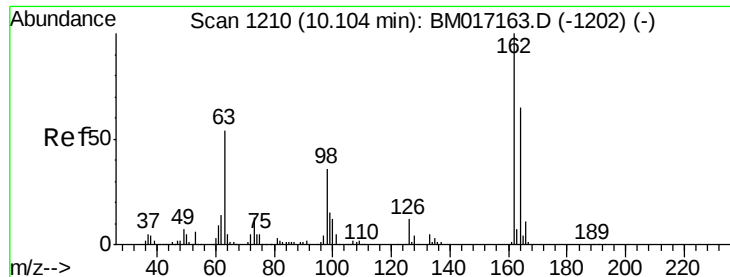
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.234 ng
 RT: 9.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM017215.D
 Acq: 19 Oct 2018 04:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.7	38.5
123	11.3	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

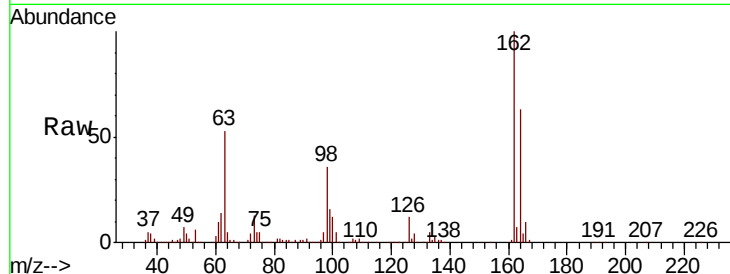




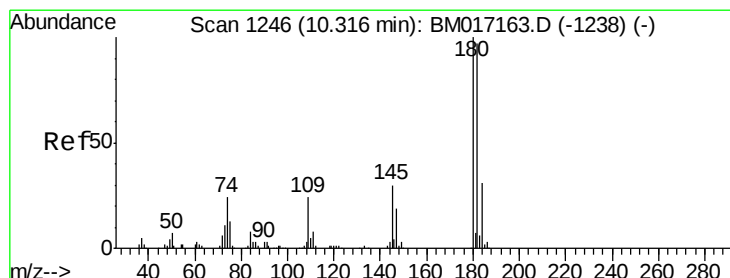
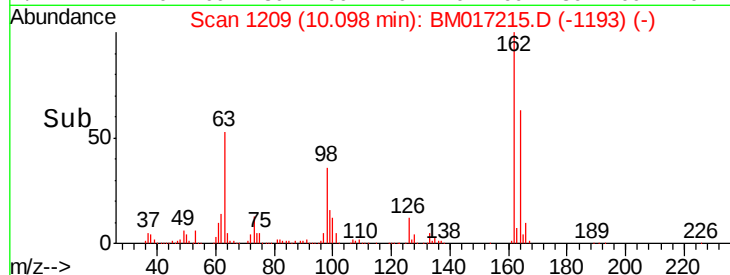
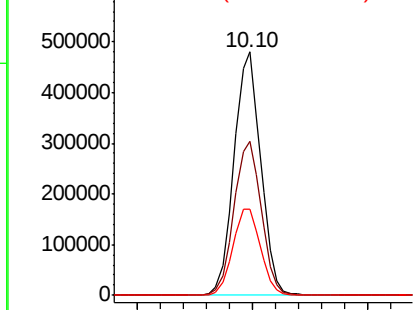
#29
2,4-Dichlorophenol
Concen: 42.001 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 771172
Ion Ratio Lower Upper
162 100
164 63.2 44.9 84.9
98 35.5 15.8 55.8

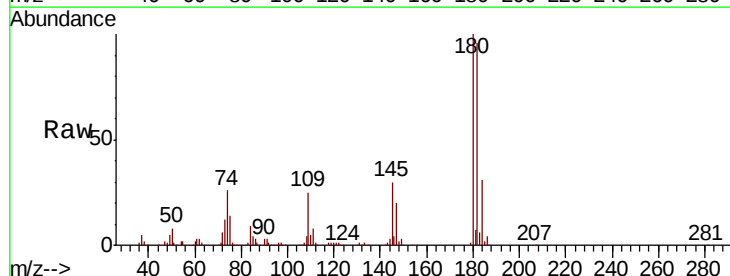


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

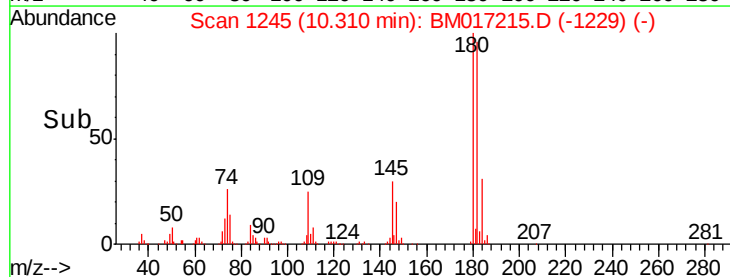
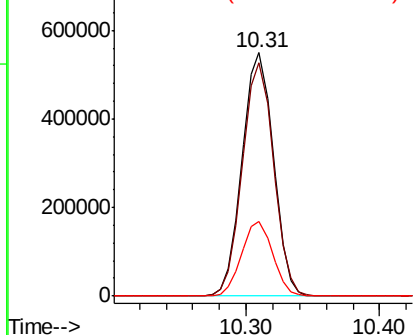


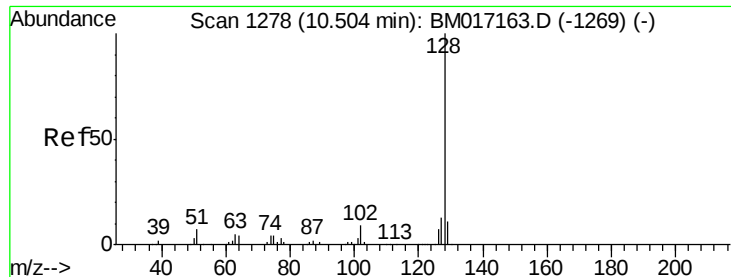
#30
1,2,4-Trichlorobenzene
Concen: 40.421 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Tgt Ion:180 Resp: 890311
Ion Ratio Lower Upper
180 100
182 96.1 77.5 116.3
145 30.5 24.0 36.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

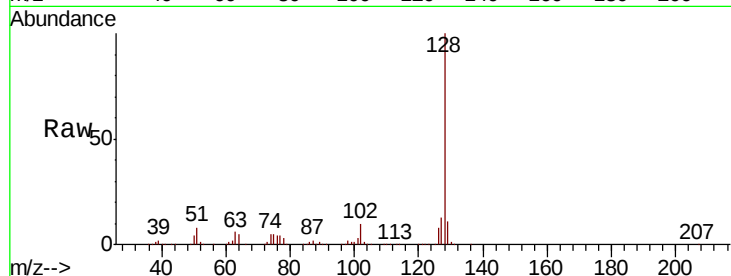




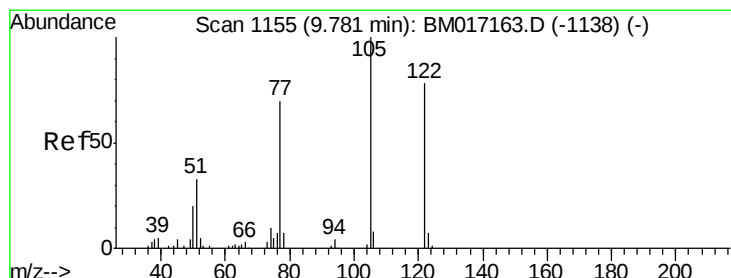
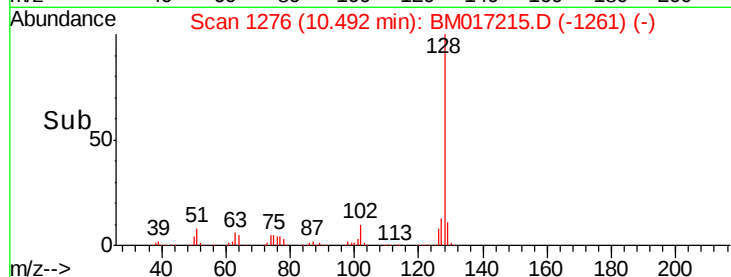
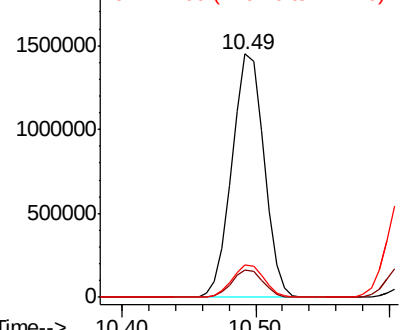
#31
Naphthalene
Concen: 38.774 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 2406856
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 13.2 10.3 15.5

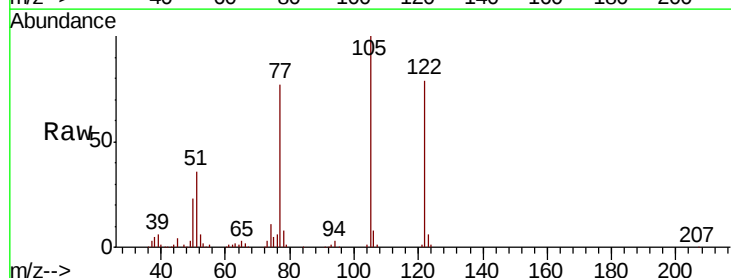


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

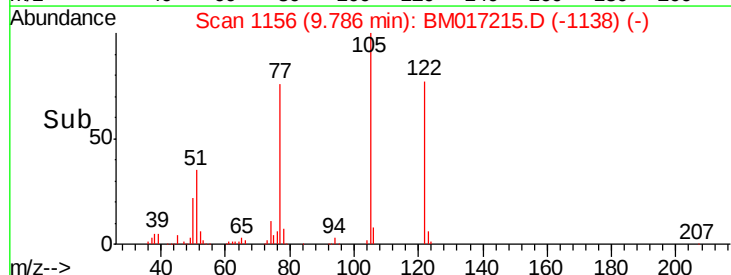
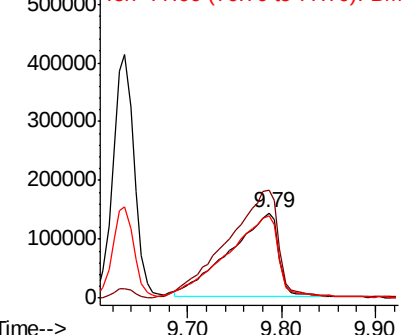


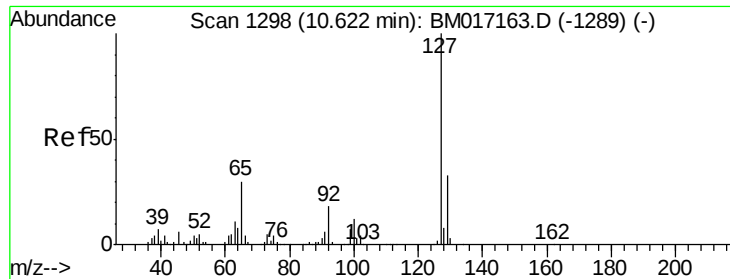
#32
Benzoic acid
Concen: 43.532 ng
RT: 9.79 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Tgt Ion:122 Resp: 513647
Ion Ratio Lower Upper
122 100
105 126.7 102.0 142.0
77 97.2 67.7 107.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

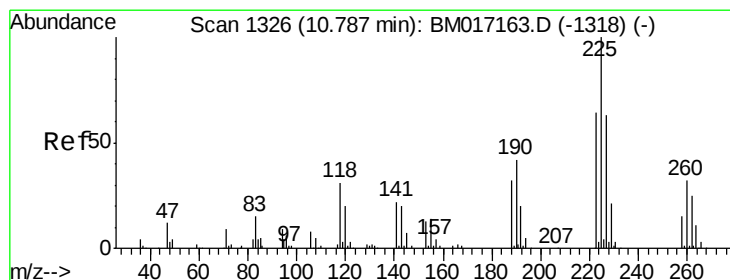
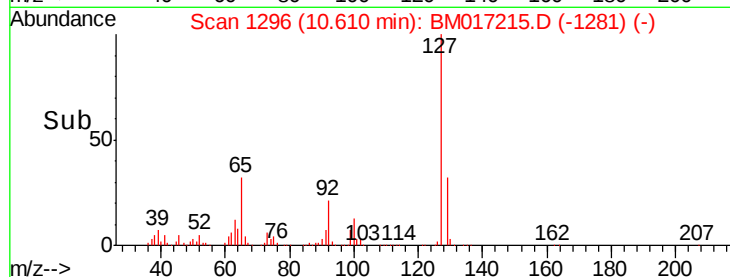
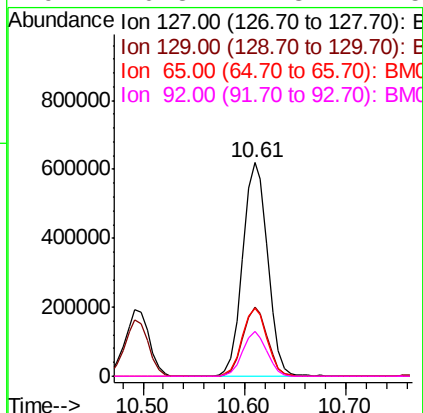
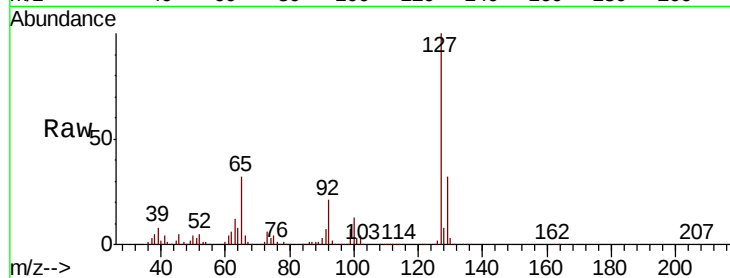




#33
4-Chloroaniline
Concen: 39.508 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

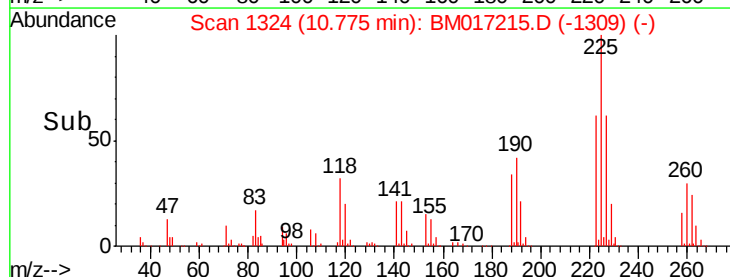
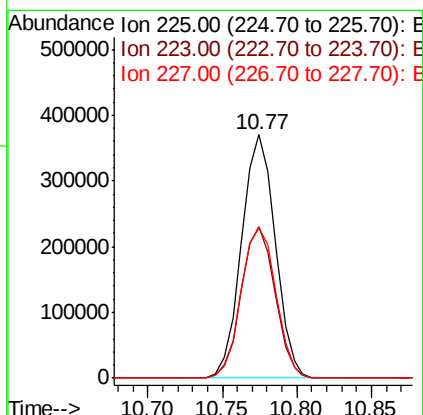
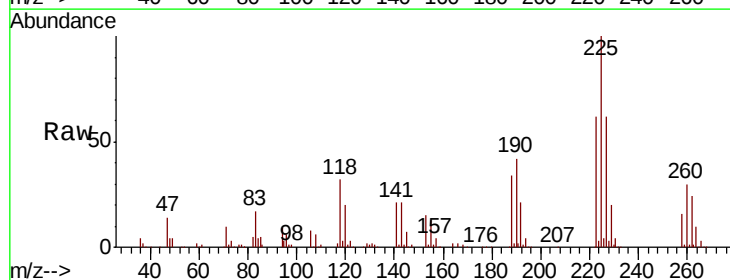
Instrument :
BNA_M
ClientSampleId :

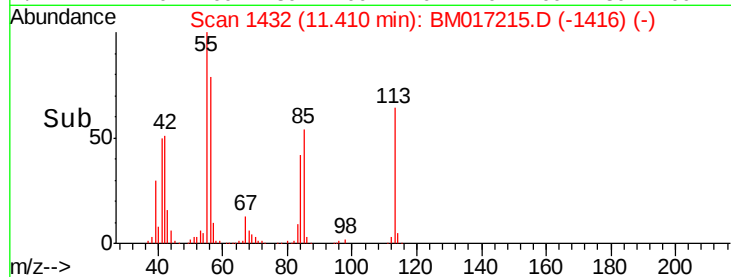
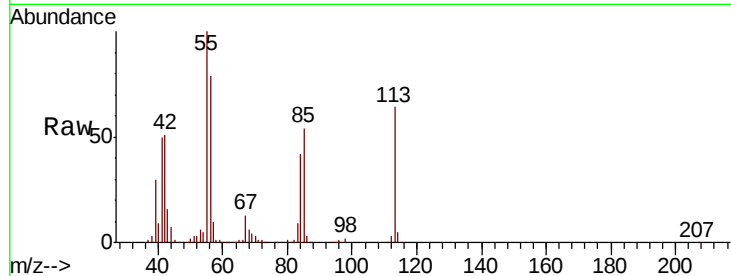
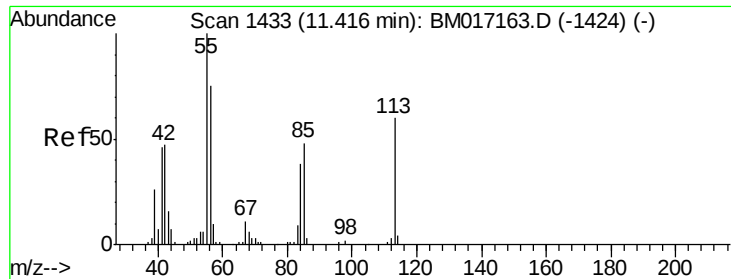
Tot Ion:127	Resp: 1059182
Ion Ratio	Lower Upper
127 100	
129 32.2	26.2 39.4
65 31.6	23.7 35.5
92 20.8	14.3 21.5



#34
Hexachlorobutadiene
Concen: 41.416 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Tgt Ion:225	Resp: 578000
Ion Ratio	Lower Upper
225 100	
223 62.2	51.0 76.6
227 61.8	50.8 76.2





#35

Caprolactam

Concen: 34.734 ng

RT: 11.41 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

Instrument :

BNA_M

ClientSampled :

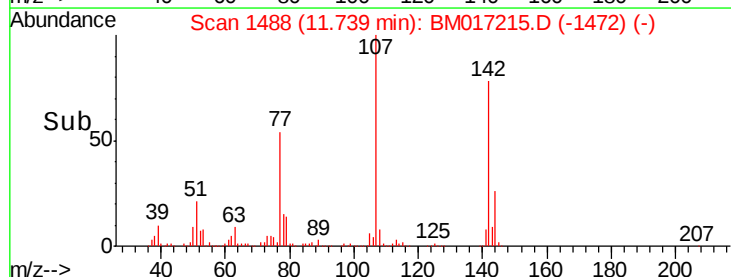
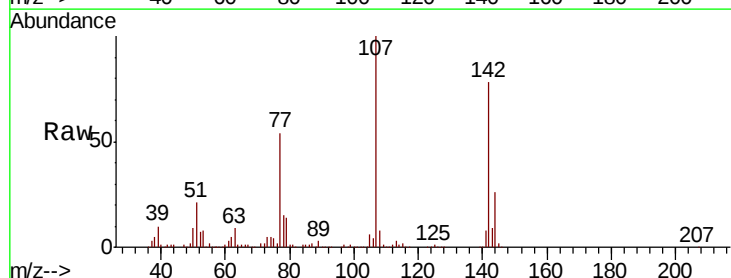
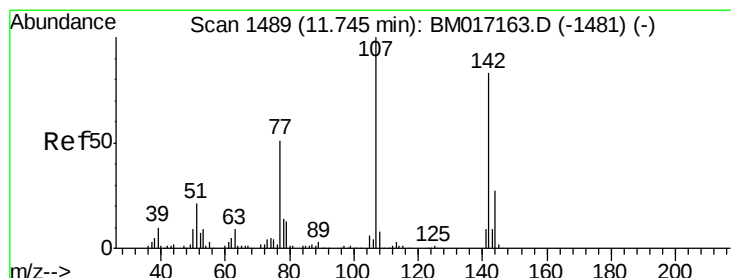
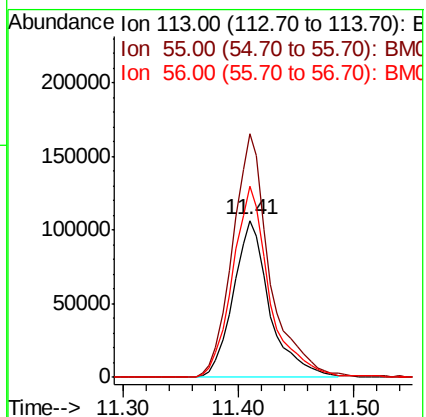
Tot Ion:113 Resp: 232421

Ion Ratio Lower Upper

113 100

55 155.3 147.0 187.0

56 122.1 104.5 144.5



#36

4-Chloro-3-methylphenol

Concen: 39.552 ng

RT: 11.74 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

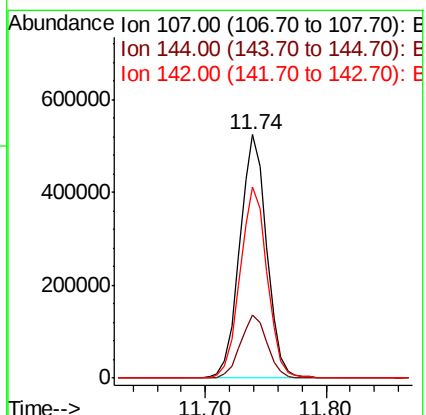
Tgt Ion:107 Resp: 818583

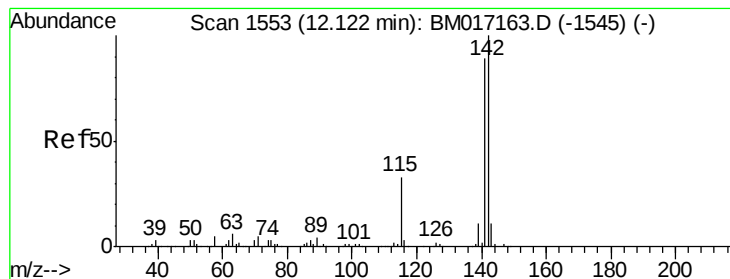
Ion Ratio Lower Upper

107 100

144 25.7 21.6 32.4

142 78.4 66.0 99.0





#37

2-Methylnaphthalene

Concen: 39.700 ng

RT: 12.11 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

Instrument :

BNA_M

ClientSampleId :

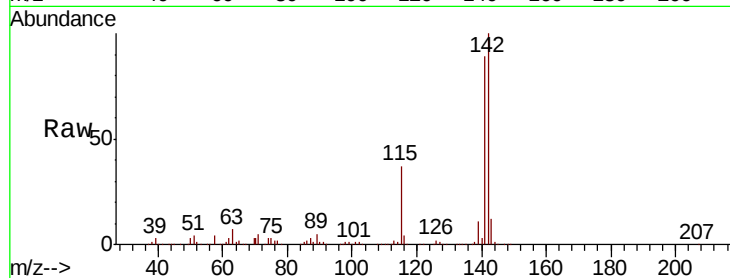
Tot Ion:142 Resp: 1686352

Ion Ratio Lower Upper

142 100

141 88.9 70.9 106.3

115 36.5 26.4 39.6

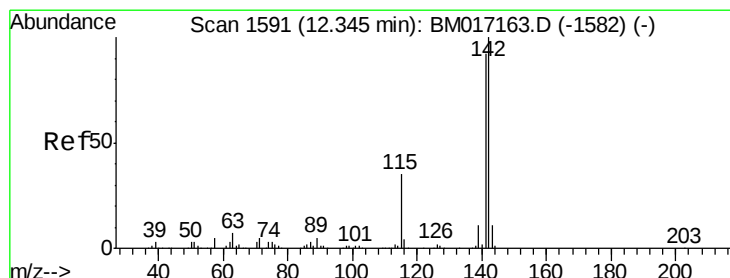
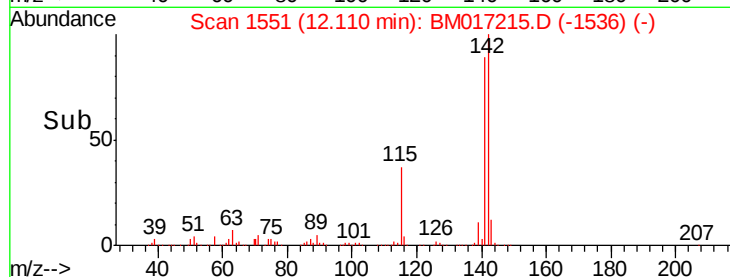
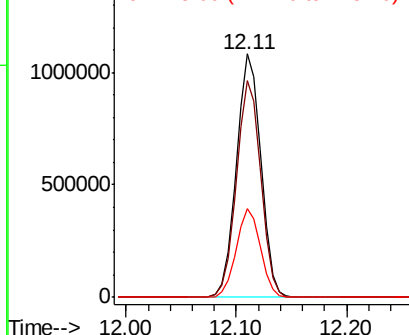


Abundance

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: 39.739 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

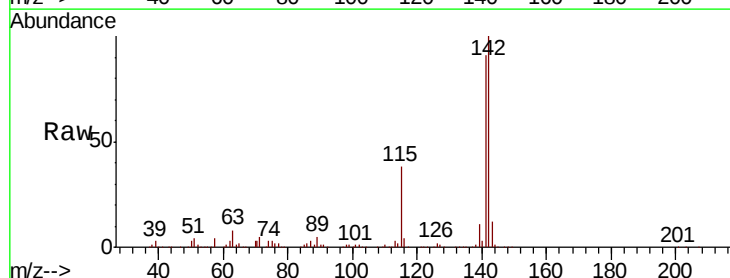
Tgt Ion:142 Resp: 1642910

Ion Ratio Lower Upper

142 100

141 91.1 73.8 110.6

116 3.9 2.9 4.3

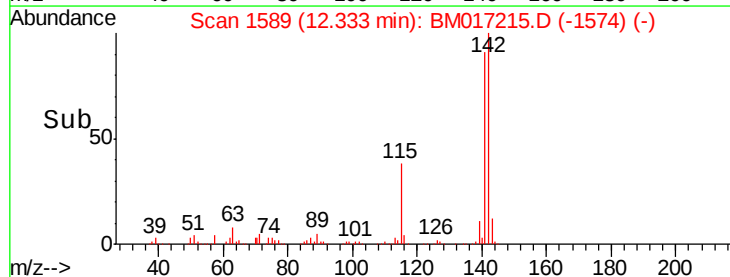
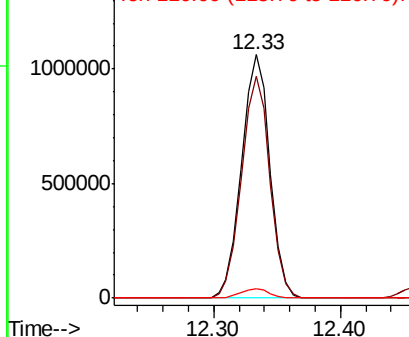


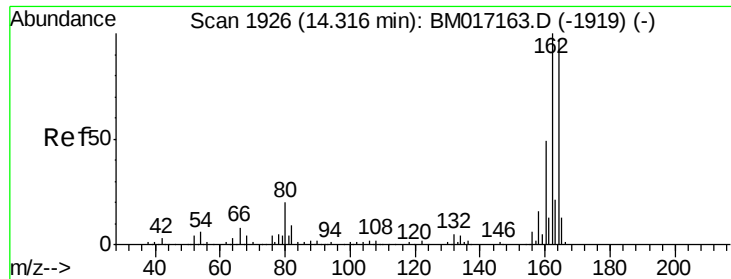
Abundance

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: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

Instrument :

BNA_M

ClientSampleId :

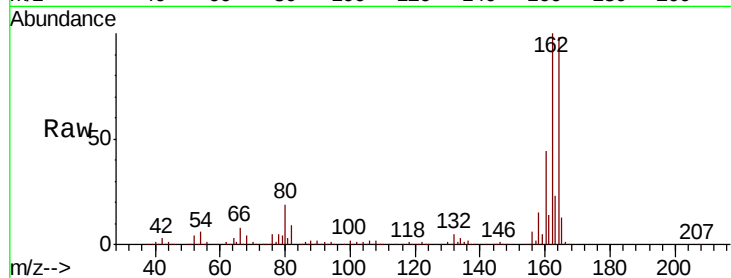
Tot Ion:164 Resp: 694776

Ion Ratio Lower Upper

164 100

162 101.9 82.1 123.1

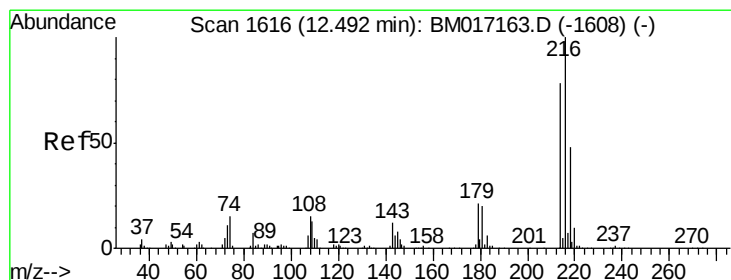
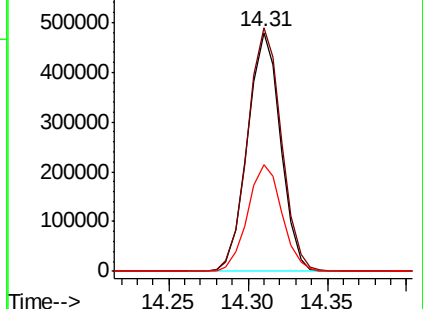
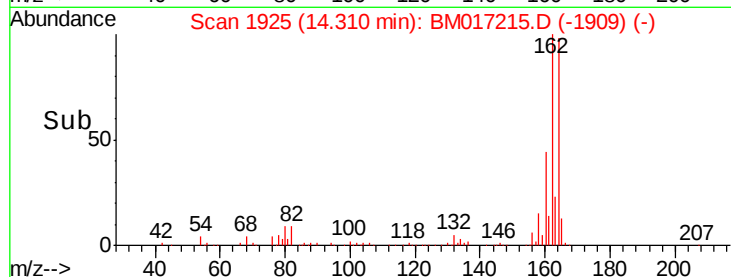
160 44.6 40.2 60.2



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: 41.911 ng

RT: 12.49 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

Tgt Ion:216 Resp: 1025465

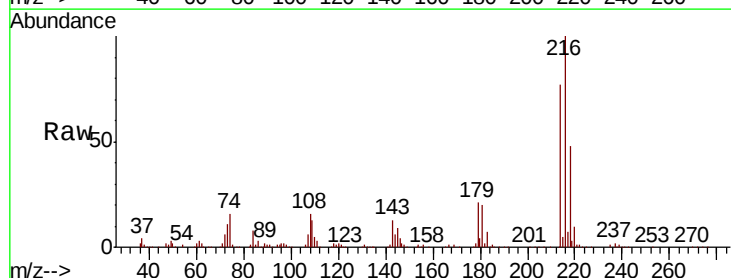
Ion Ratio Lower Upper

216 100

214 78.7 62.6 93.8

179 21.5 16.6 24.8

108 17.8 13.5 20.3

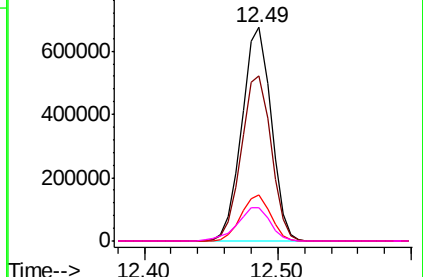
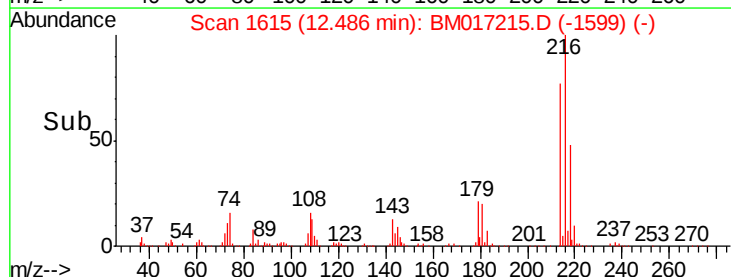


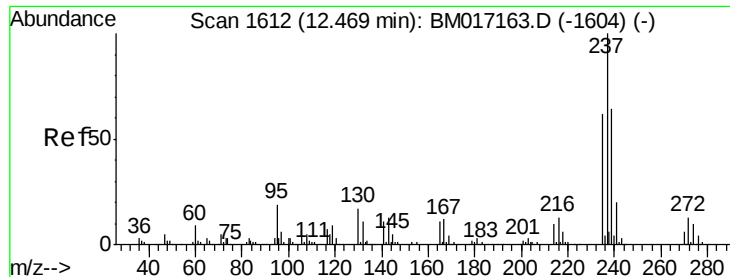
Abundance Ion 216.00 (215.70 to 216.70): E

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: 50.280 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

Instrument :

BNA_M

ClientSampleId :

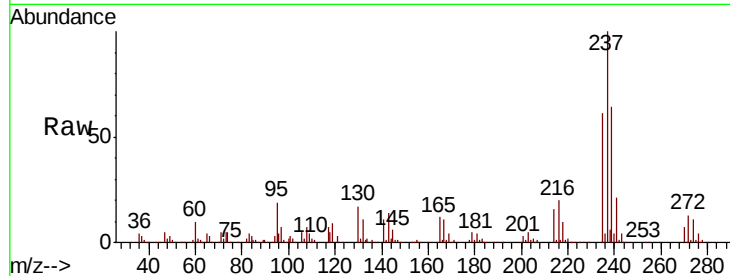
Tot Ion:237 Resp: 594736

Ion Ratio Lower Upper

237 100

235 61.1 42.4 82.4

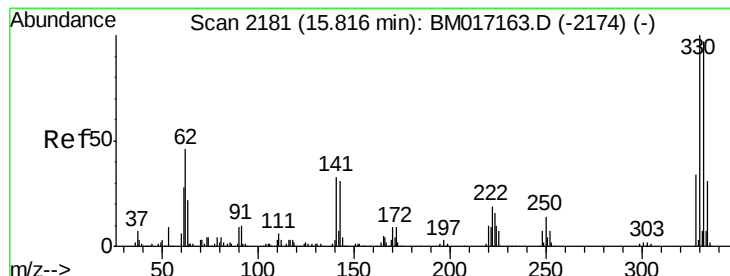
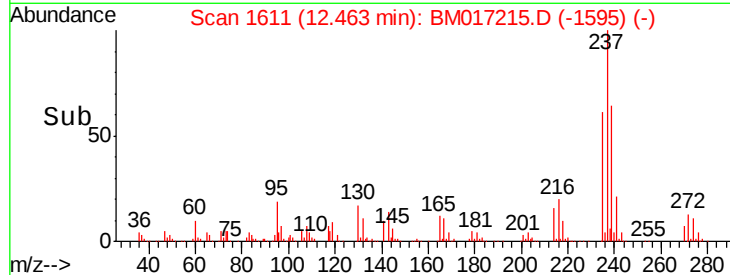
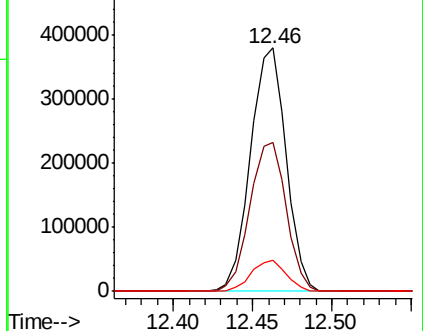
272 12.9 0.0 33.0



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: 77.744 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

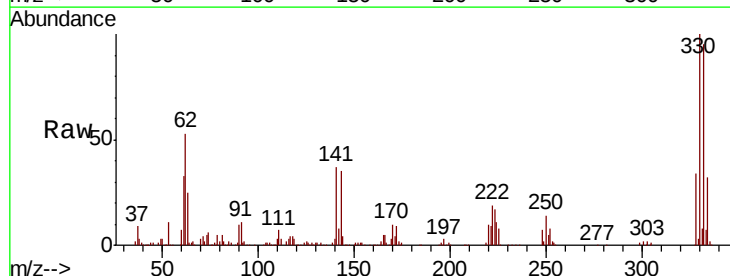
Tgt Ion:330 Resp: 730472

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

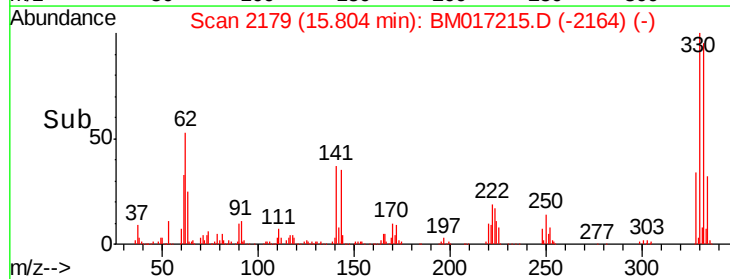
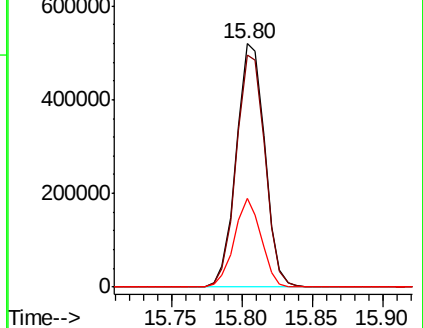
141 34.6 27.4 41.0

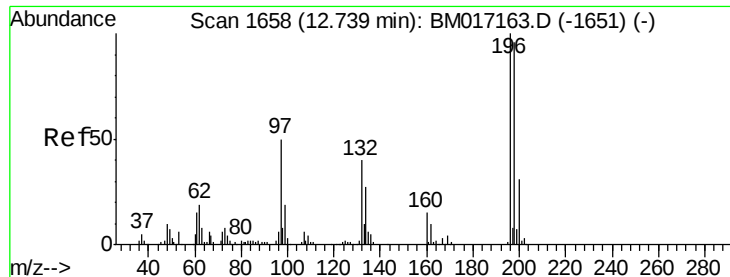


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 43.931 ng

RT: 12.73 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

Instrument :

BNA_M

ClientSampleId :

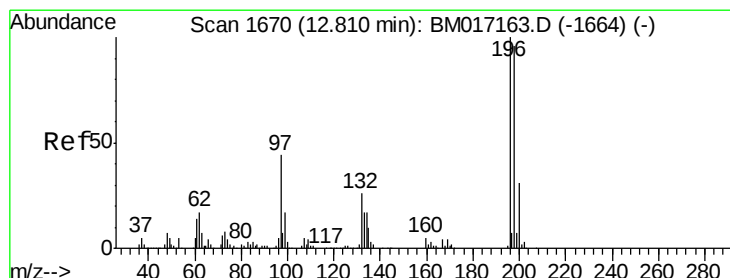
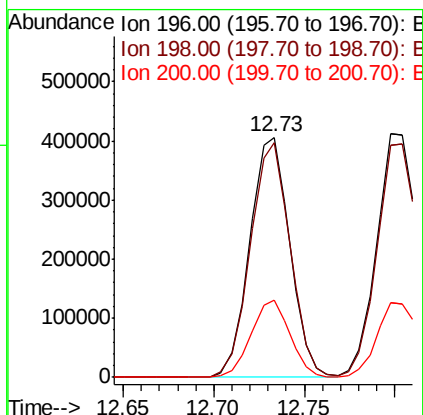
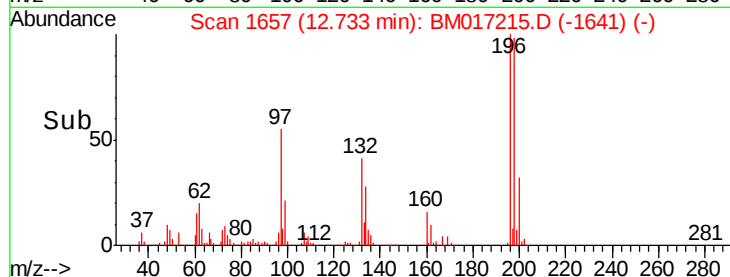
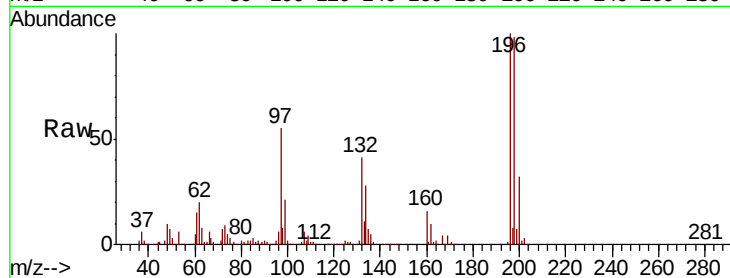
Tot Ion:196 Resp: 623972

Ion Ratio Lower Upper

196 100

198 97.6 77.1 115.7

200 32.1 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 42.691 ng

RT: 12.80 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

Tgt Ion:196 Resp: 650218

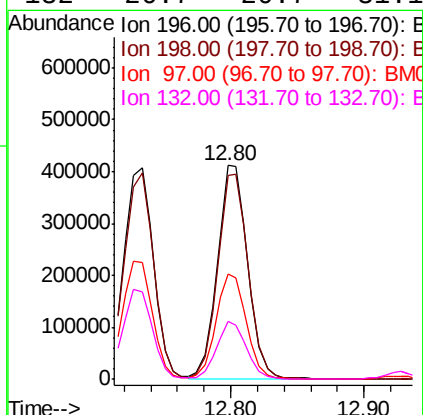
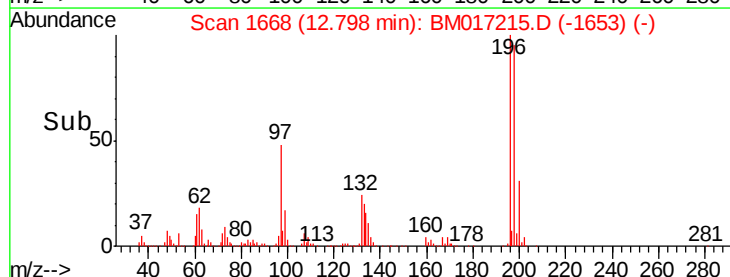
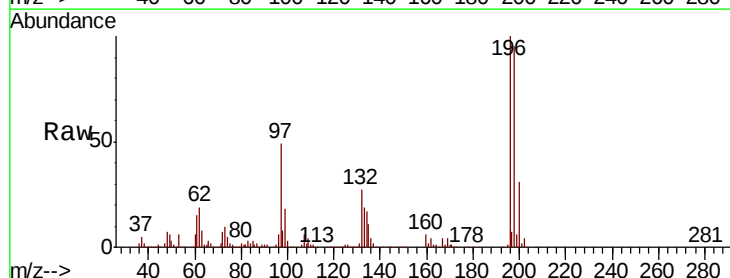
Ion Ratio Lower Upper

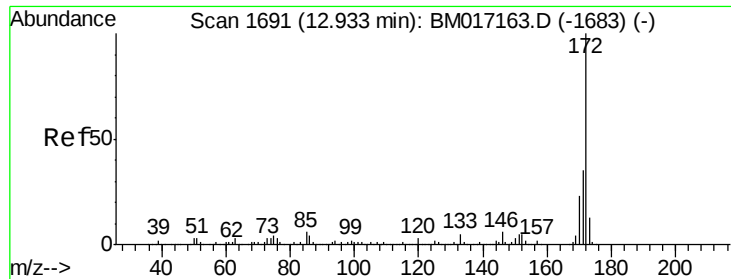
196 100

198 95.2 76.6 115.0

97 49.1 35.5 53.3

132 26.7 20.7 31.1

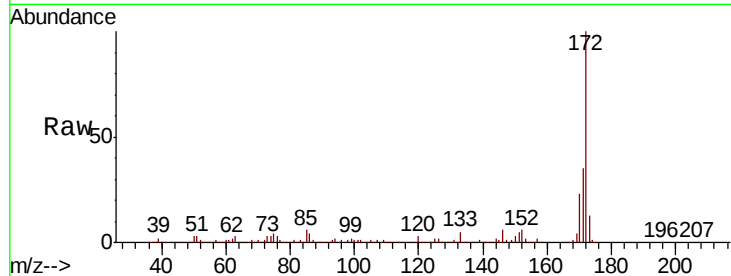




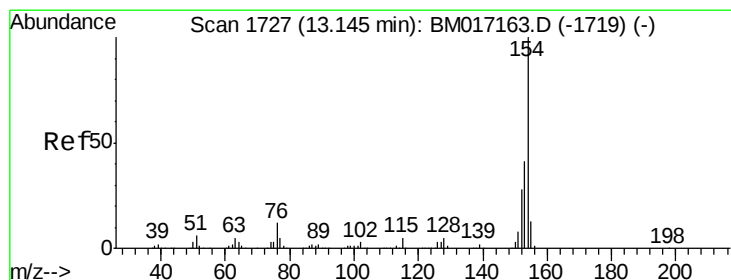
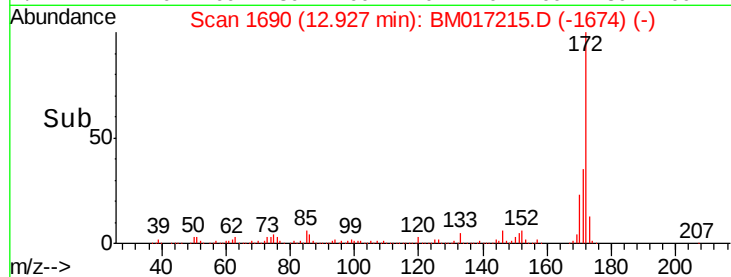
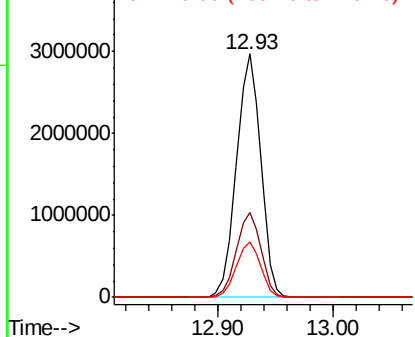
#45
2-Fluorobiphenyl
Concen: 82.616 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 4313990
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.6 18.3 27.5

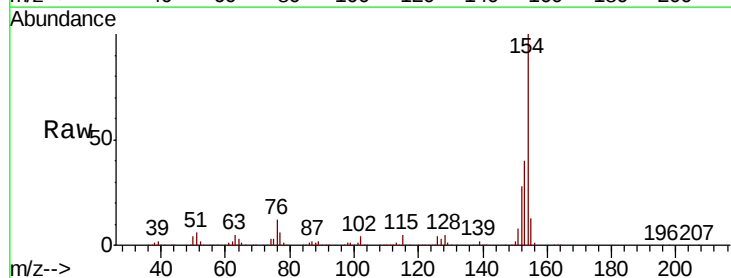


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

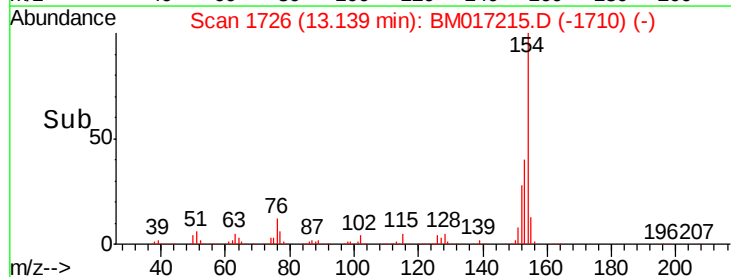
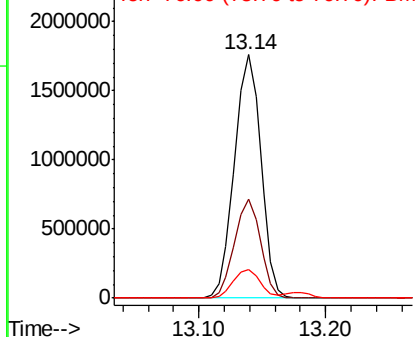


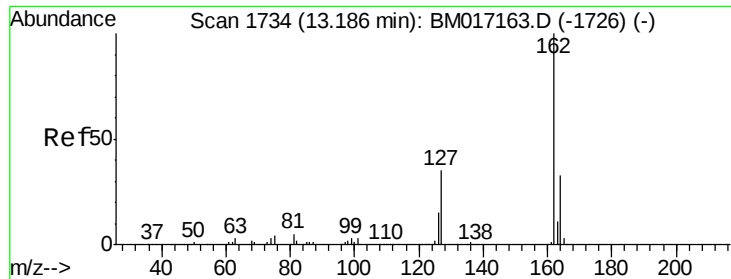
#46
1,1'-Biphenyl
Concen: 40.679 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Tgt Ion:154 Resp: 2543369
Ion Ratio Lower Upper
154 100
153 40.4 20.5 60.5
76 11.8 0.0 31.8



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



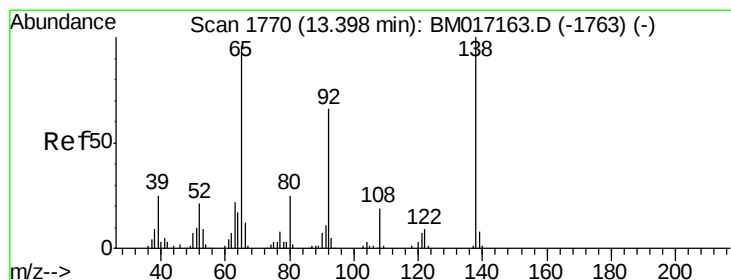
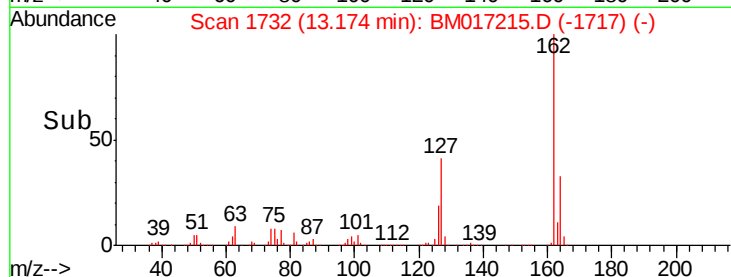
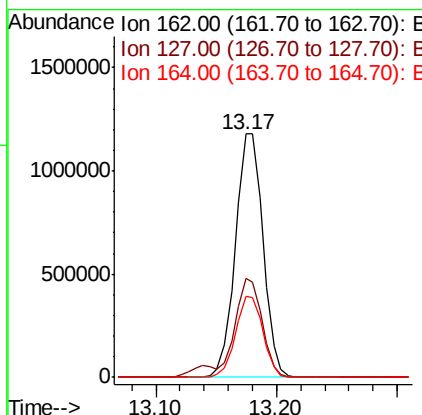
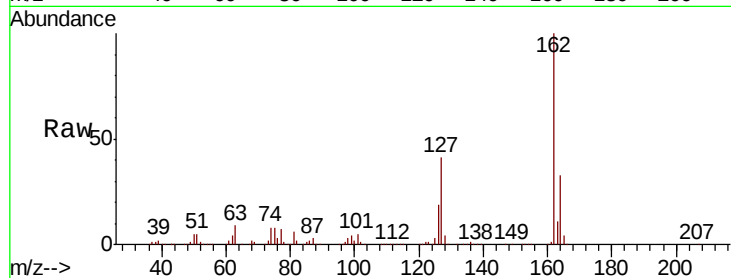


#47
 2-Chloronaphthalene
 Concen: 40.954 ng
 RT: 13.17 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BM017215.D
 Acq: 19 Oct 2018 04:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:162 Resp: 1883727

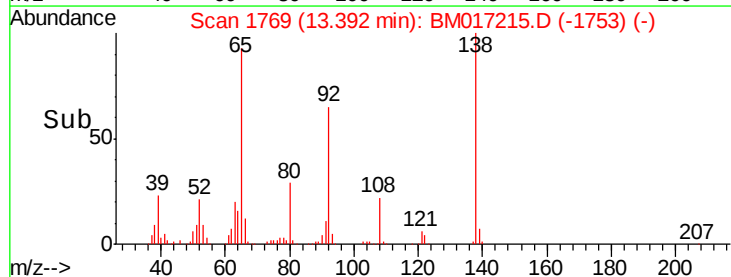
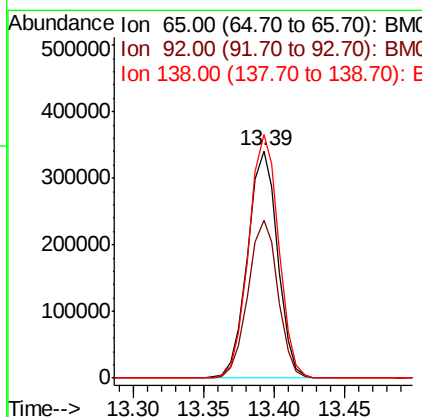
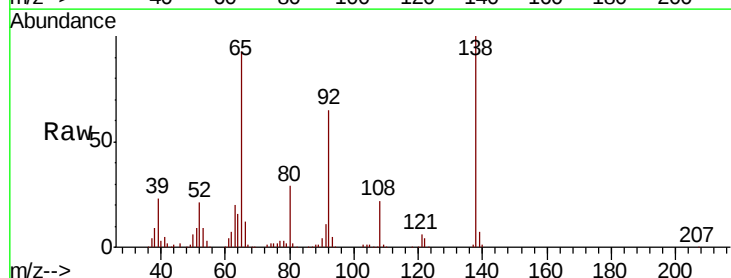
Ion	Ratio	Lower	Upper
162	100		
127	40.8	31.0	46.4
164	33.4	26.6	39.8

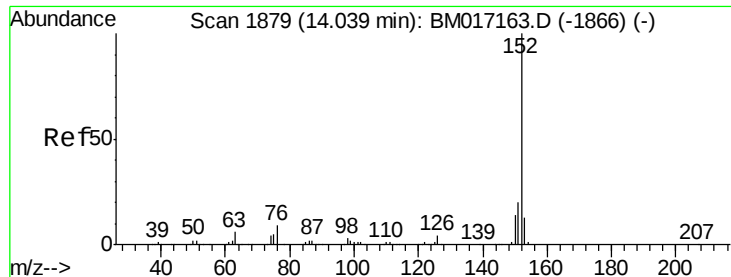


#48
 2-Nitroaniline
 Concen: 40.522 ng
 RT: 13.39 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BM017215.D
 Acq: 19 Oct 2018 04:34

Tgt Ion: 65 Resp: 513503

Ion	Ratio	Lower	Upper
65	100		
92	69.4	54.9	82.3
138	107.0	83.7	125.5





#49

Acenaphthylene

Concen: 40.461 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

Instrument :

BNA_M

ClientSampleId :

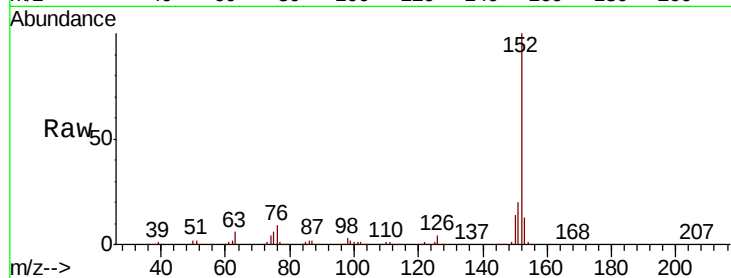
Tot Ion:152 Resp: 2697598

Ion Ratio Lower Upper

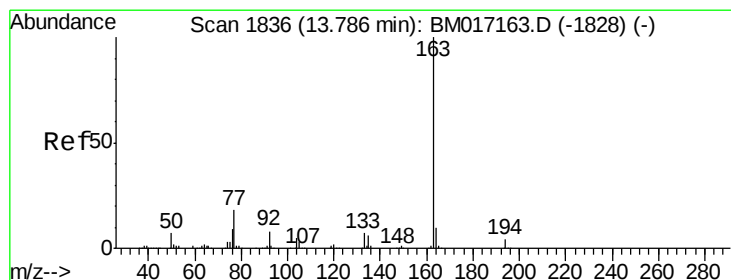
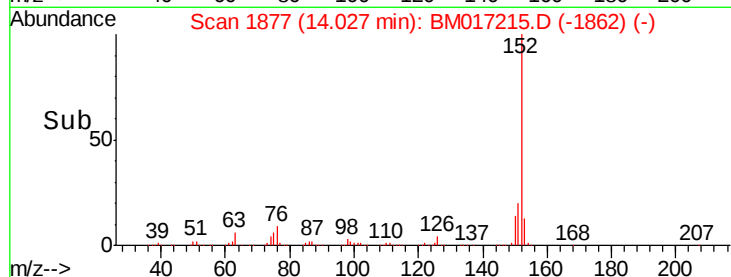
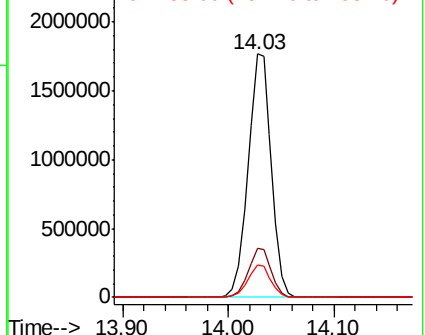
152 100

151 19.9 16.0 24.0

153 13.3 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: 39.025 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

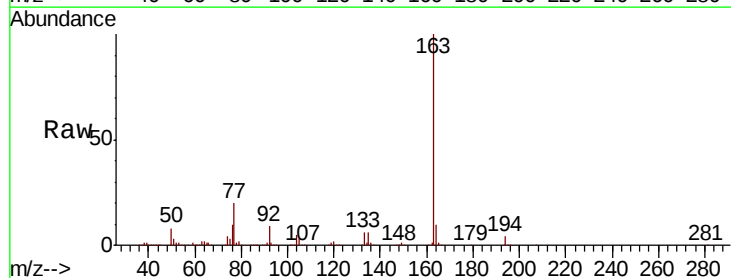
Tgt Ion:163 Resp: 2091820

Ion Ratio Lower Upper

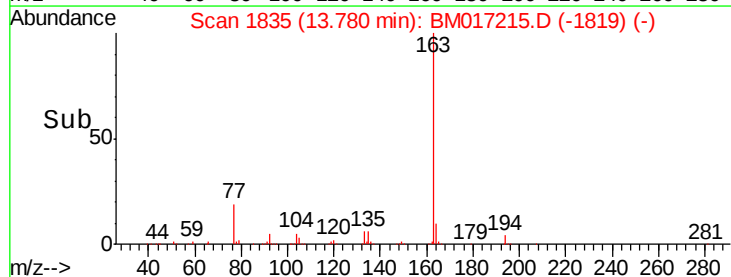
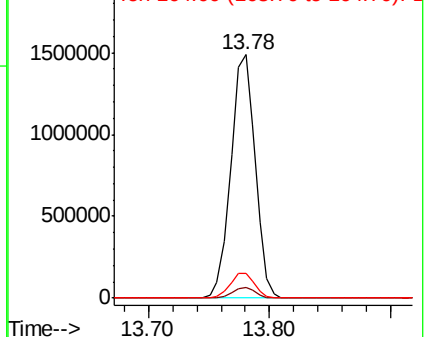
163 100

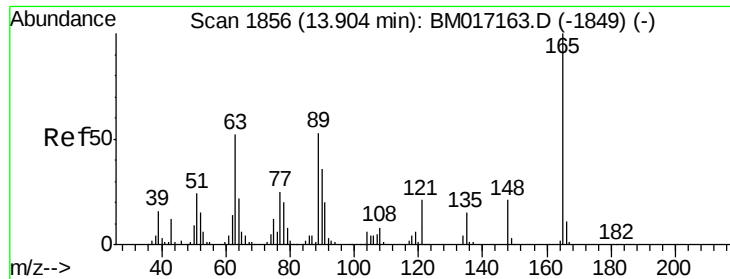
194 4.3 3.3 4.9

164 9.9 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

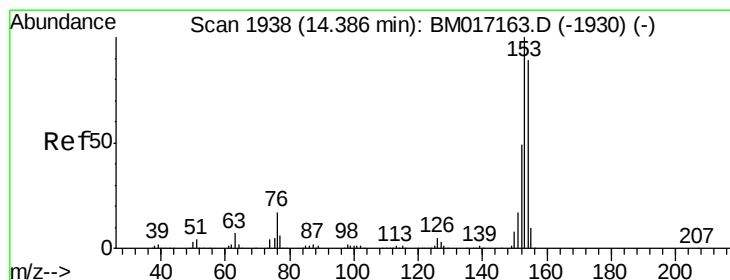
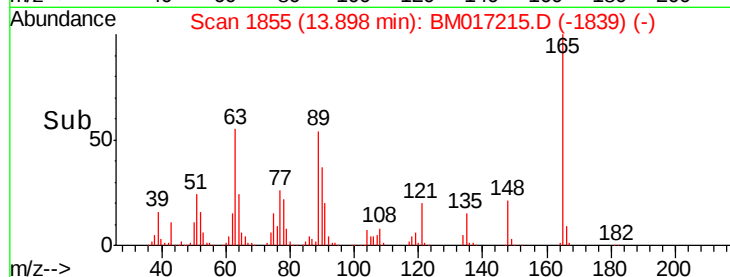
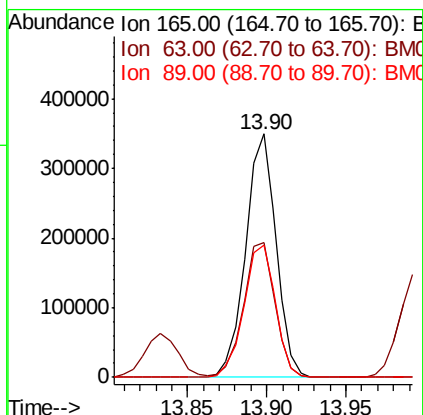
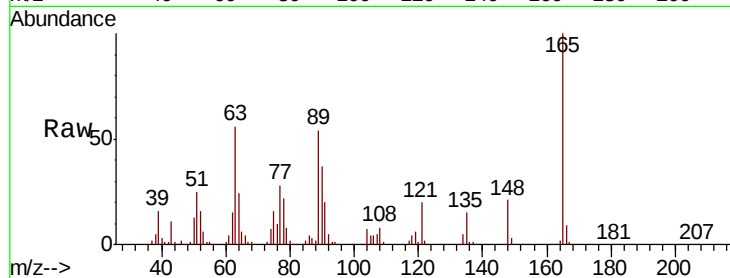




#51
2,6-Dinitrotoluene
Concen: 39.497 ng
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

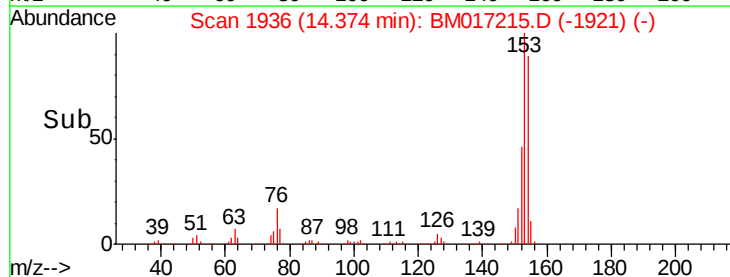
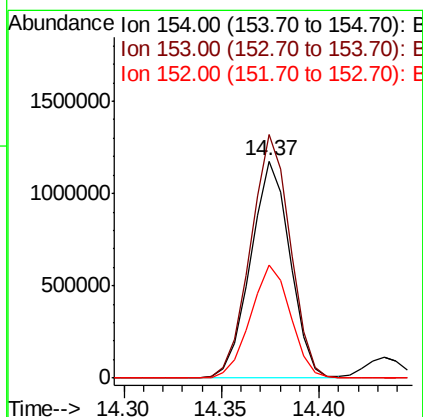
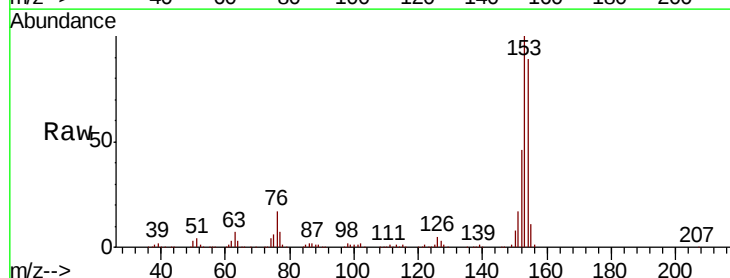
Instrument :
BNA_M
ClientSampled :

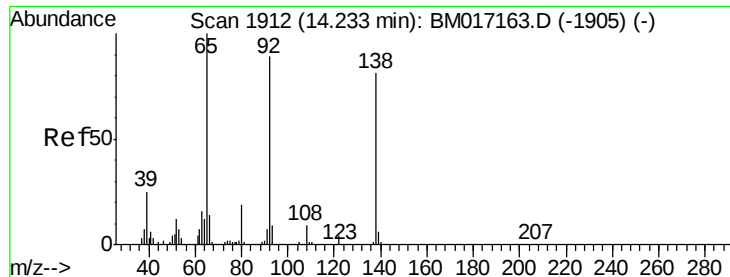
Tot Ion:165 Resp: 465975
Ion Ratio Lower Upper
165 100
63 55.5 42.7 64.1
89 54.4 42.1 63.1



#52
Acenaphthene
Concen: 39.643 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Tgt Ion:154 Resp: 1659501
Ion Ratio Lower Upper
154 100
153 112.1 90.2 135.2
152 51.8 44.2 66.4

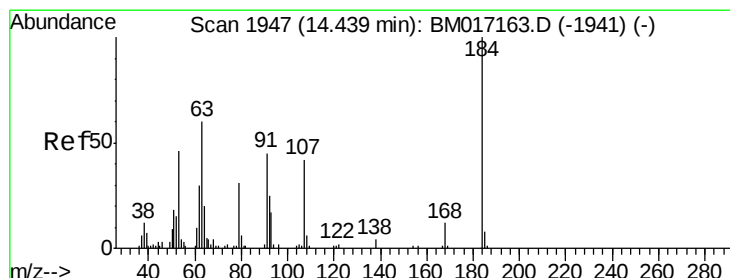
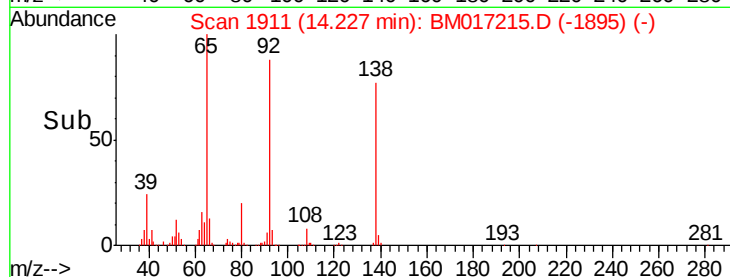
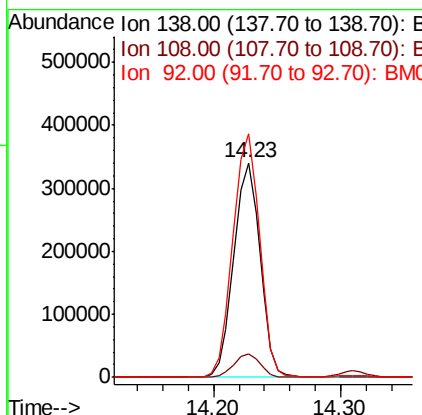
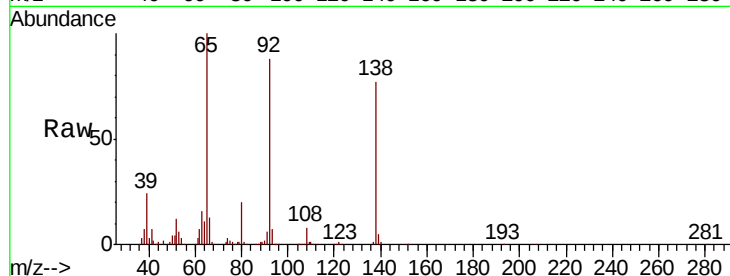




#53
 3-Nitroaniline
 Concen: 38.389 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BM017215.D
 Acq: 19 Oct 2018 04:34

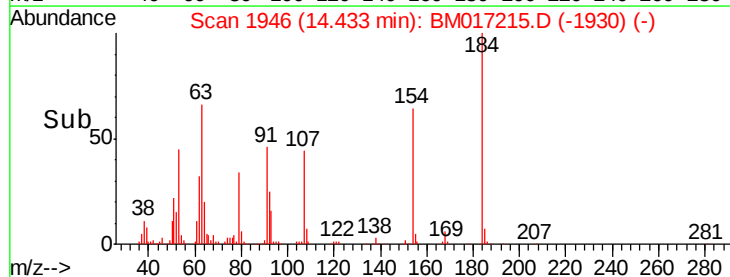
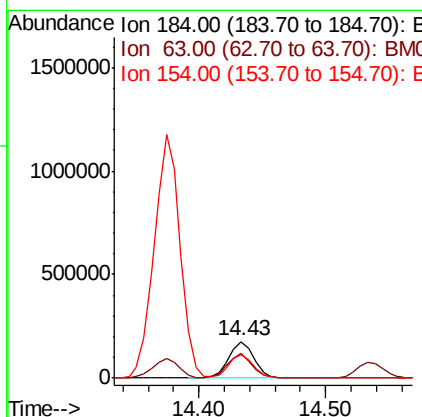
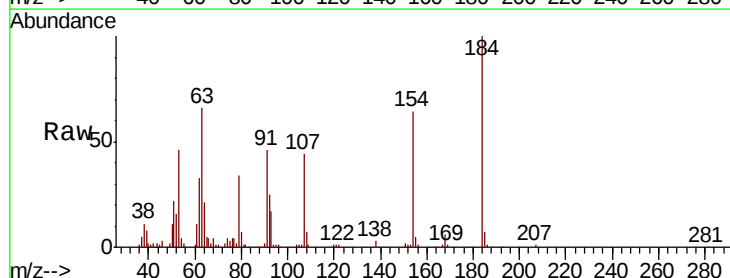
Instrument :
 BNA_M
 ClientSampled :

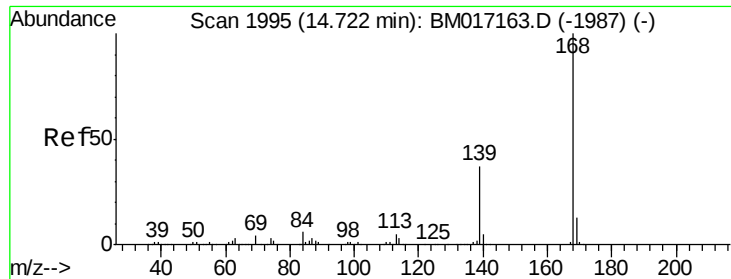
Tot Ion:138 Resp: 490509
 Ion Ratio Lower Upper
 138 100
 108 10.8 8.7 13.1
 92 113.5 87.9 131.9



#54
 2,4-Dinitrophenol
 Concen: 39.607 ng
 RT: 14.43 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BM017215.D
 Acq: 19 Oct 2018 04:34

Tgt Ion:184 Resp: 242086
 Ion Ratio Lower Upper
 184 100
 63 66.3 51.2 76.8
 154 64.3 47.8 71.8

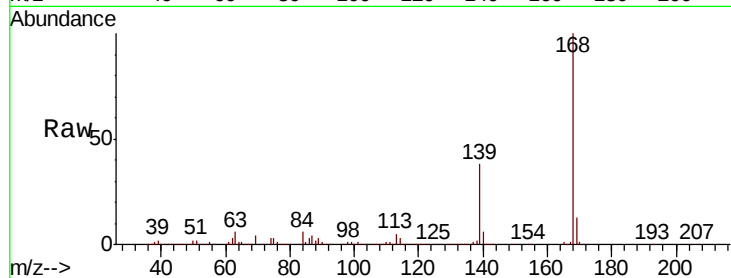




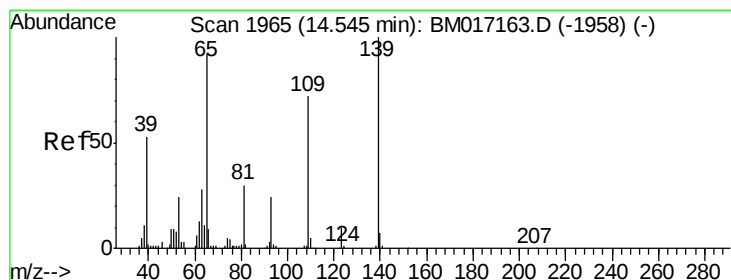
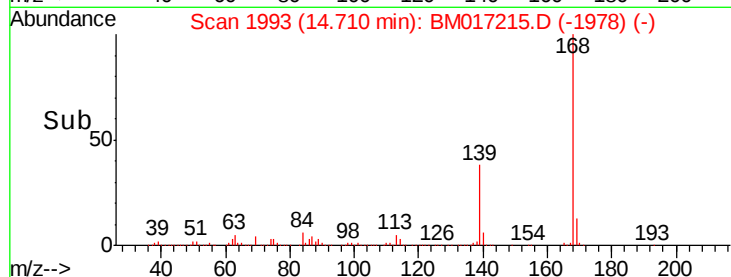
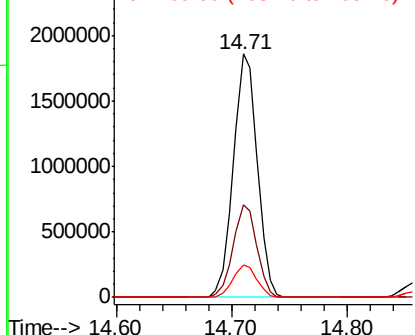
#55
Dibenzofuran
Concen: 38.194 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Instrument :
BNA_M
ClientSampled :

Tot Ion:168 Resp: 2658798
Ion Ratio Lower Upper
168 100
139 38.1 29.3 43.9
169 13.2 10.6 15.8

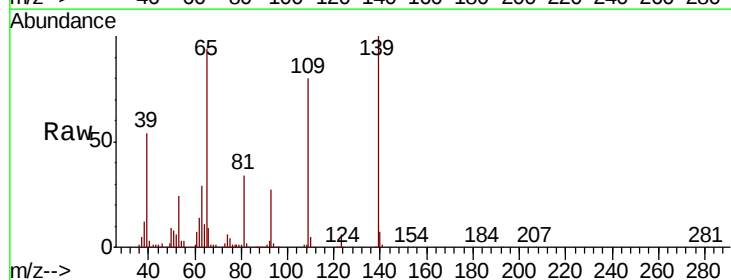


Abundance Ion 168.00 (167.70 to 168.70): E
2500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

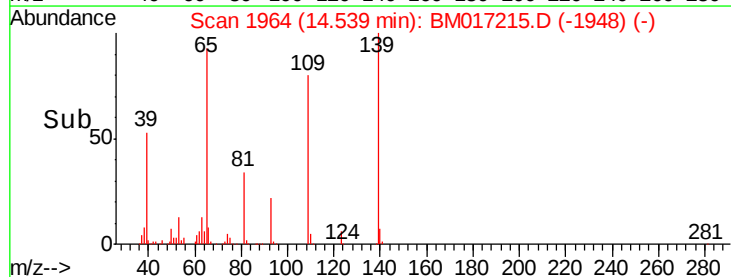
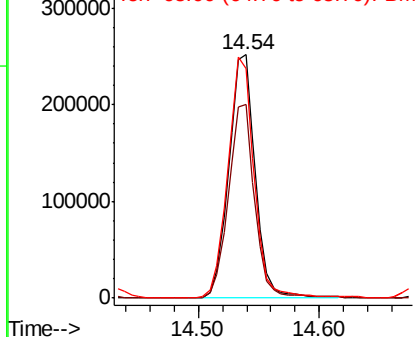


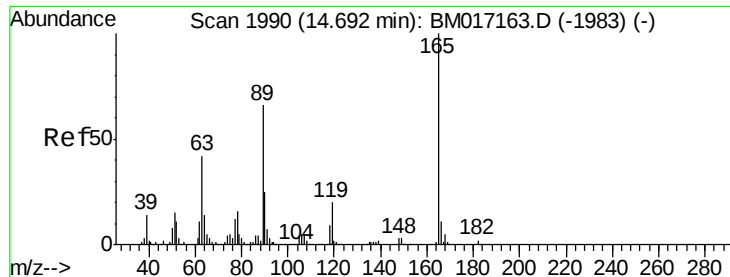
#56
4-Nitrophenol
Concen: 35.630 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Tgt Ion:139 Resp: 382541
Ion Ratio Lower Upper
139 100
109 79.6 51.8 91.8
65 94.5 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): BM

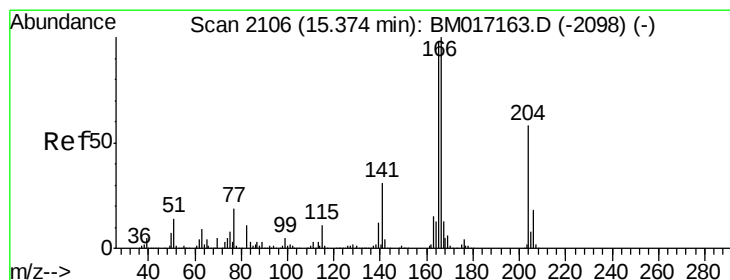
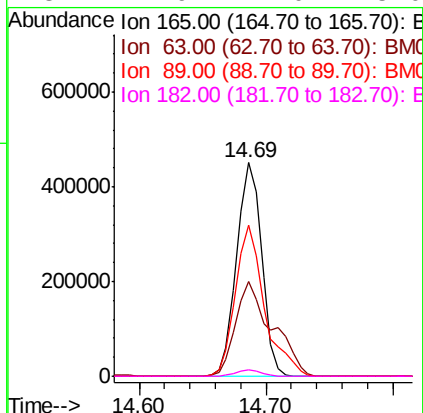
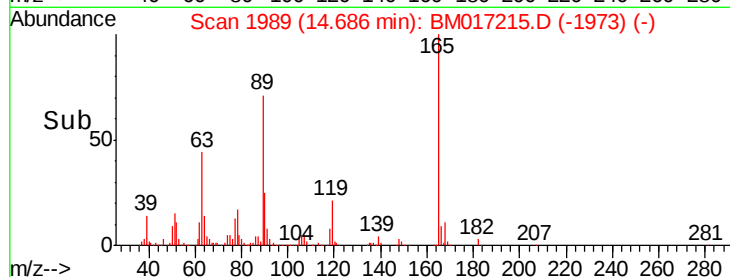
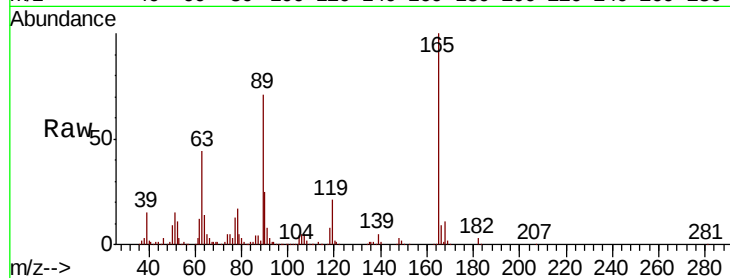




#57
2,4-Dinitrotoluene
Concen: 38.879 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

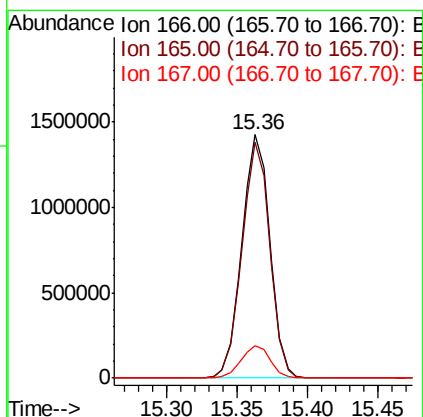
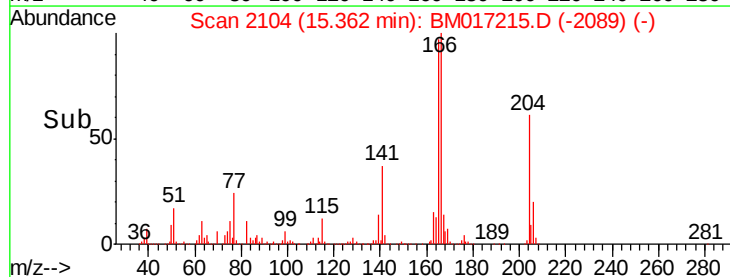
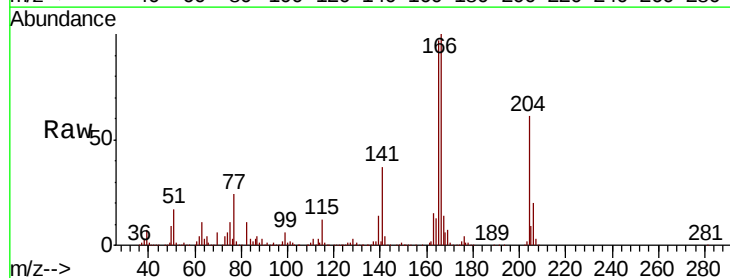
Instrument :
BNA_M
ClientSampleId :

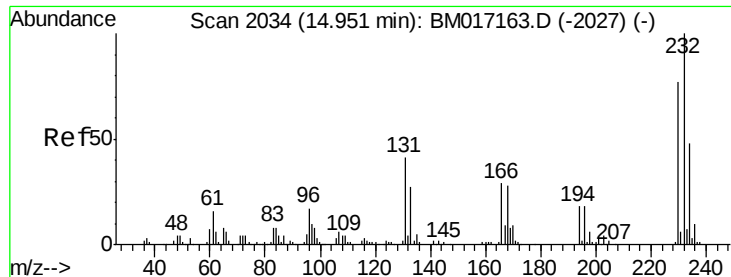
Tot Ion:165 Resp: 616482
Ion Ratio Lower Upper
165 100
63 44.4 33.8 50.8
89 71.0 53.1 79.7
182 2.9 2.0 3.0



#58
Fluorene
Concen: 38.379 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Tgt Ion:166 Resp: 1977519
Ion Ratio Lower Upper
166 100
165 96.9 78.1 117.1
167 13.6 10.6 16.0

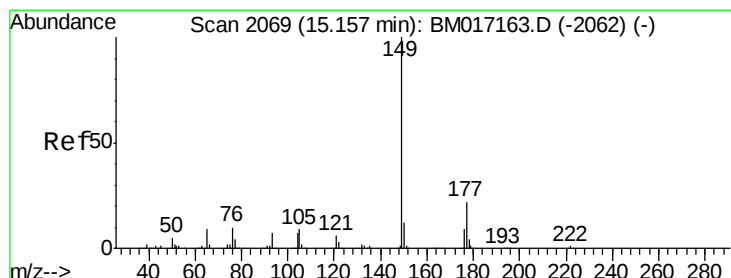
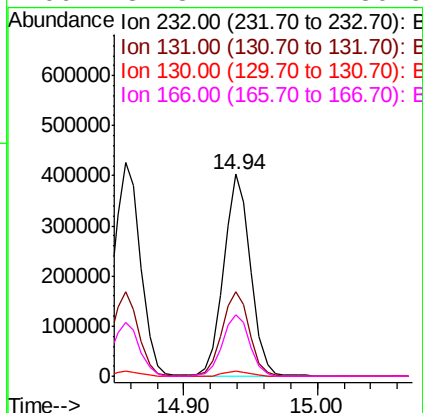
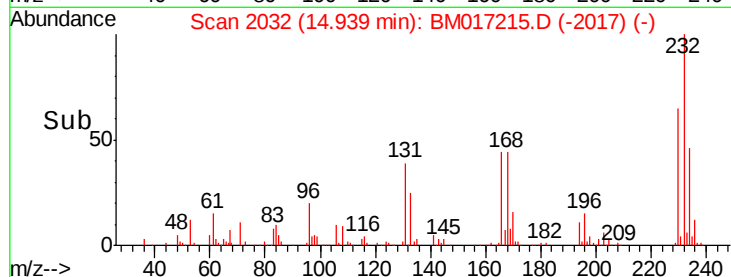
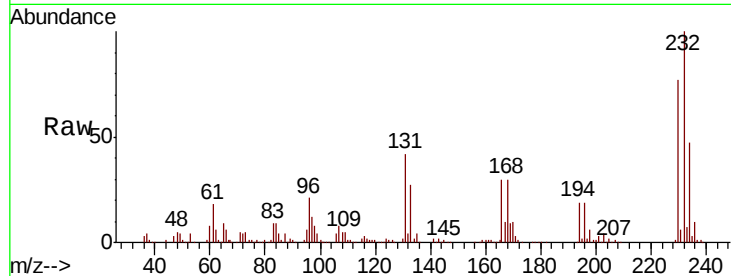




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.741 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

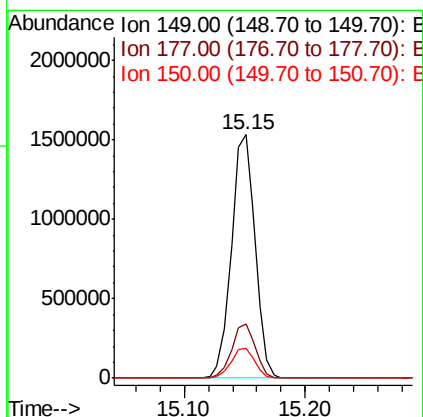
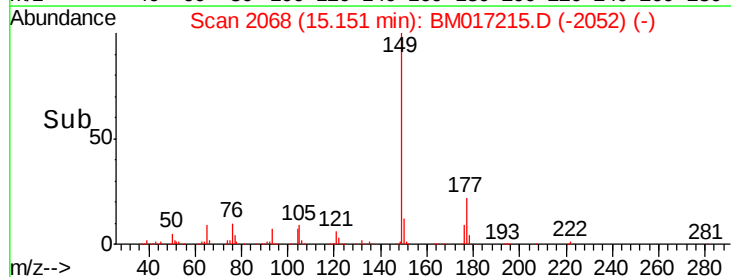
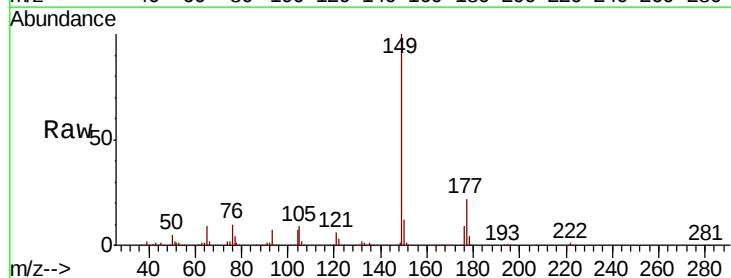
Instrument :
BNA_M
ClientSampleId :

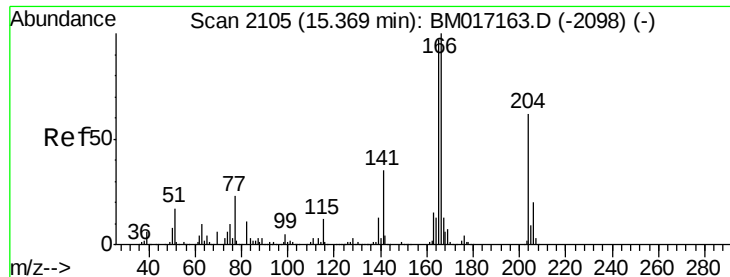
Tot Ion	Ratio	Lower	Upper
232	100		
131	43.0	33.1	49.7
130	2.3	1.7	2.5
166	31.3	24.4	36.6



#60
Diethylphthalate
Concen: 39.263 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.7	26.5
150	12.4	10.0	15.0

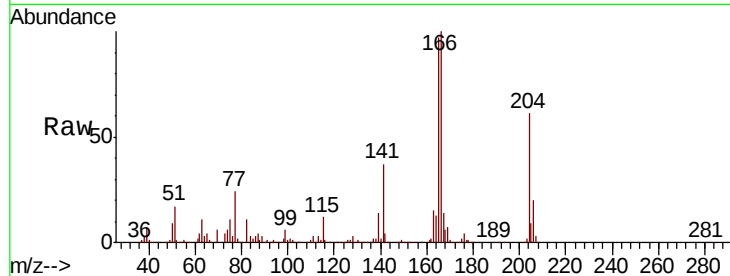




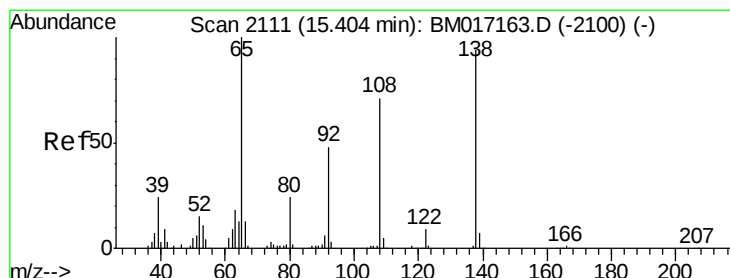
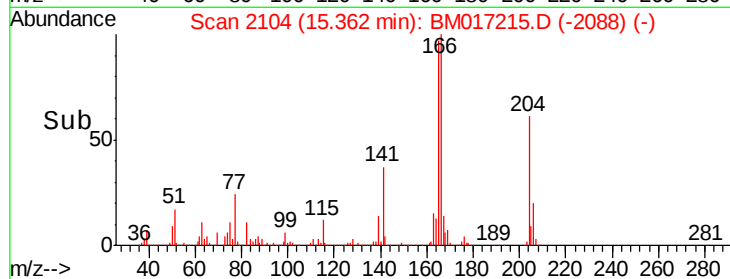
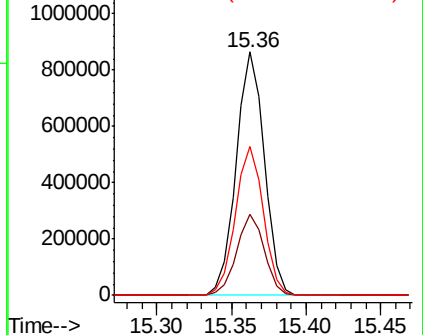
#61
4-Chlorophenyl-phenylether
Concen: 38.734 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 1137803
Ion Ratio Lower Upper
204 100
206 33.1 26.1 39.1
141 61.4 45.4 68.2

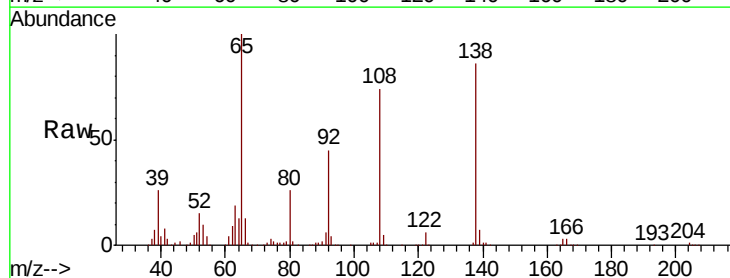


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

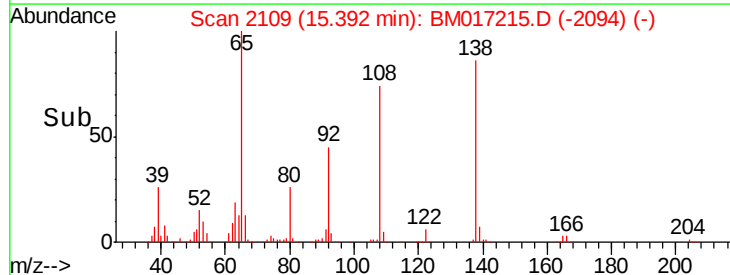
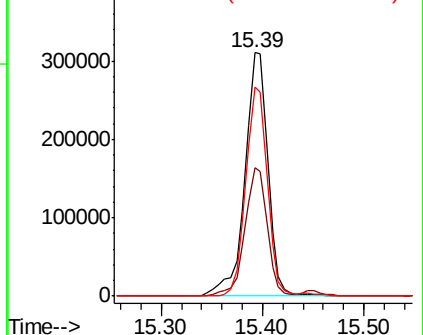


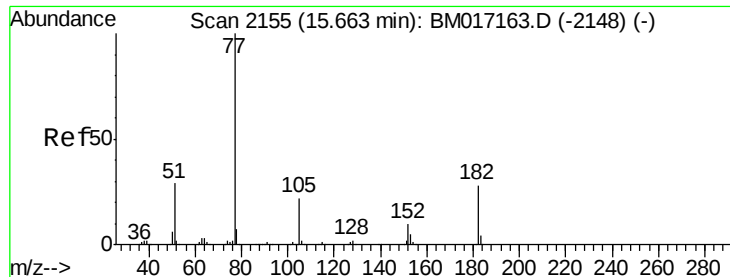
#62
4-Nitroaniline
Concen: 35.767 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Tgt Ion:138 Resp: 490845
Ion Ratio Lower Upper
138 100
92 52.9 31.2 71.2
108 85.9 55.5 95.5



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





#63

Azobenzene

Concen: 38.792 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

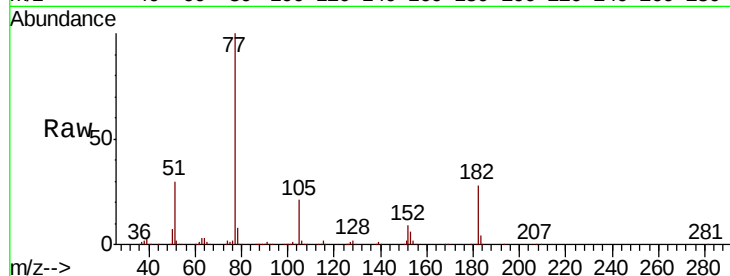
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2004352

Ion	Ratio	Lower	Upper
77	100		
182	28.4	8.3	48.3
105	21.4	1.5	41.5
51	30.2	8.8	48.8

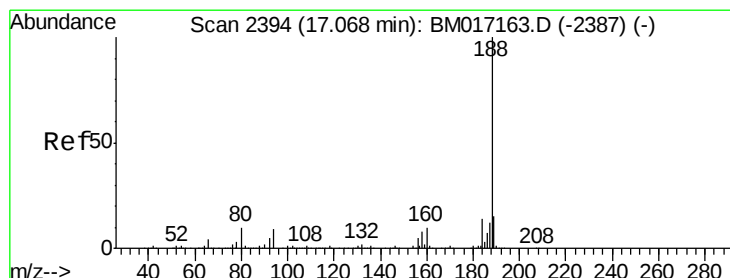
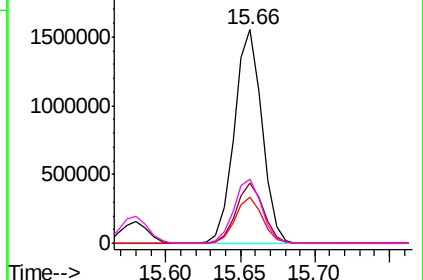
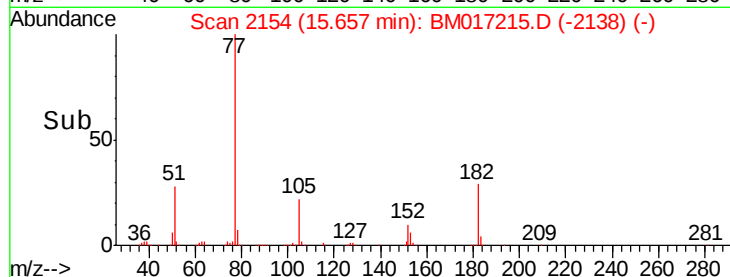


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

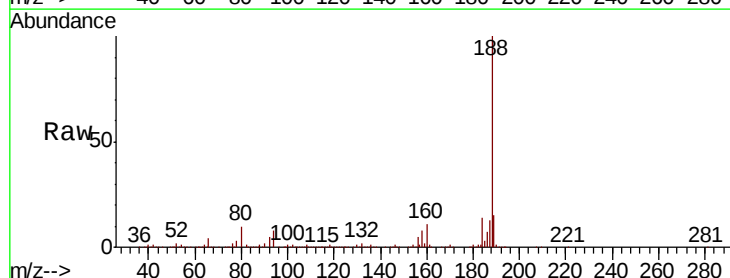
Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

Tgt Ion: 188 Resp: 1416336

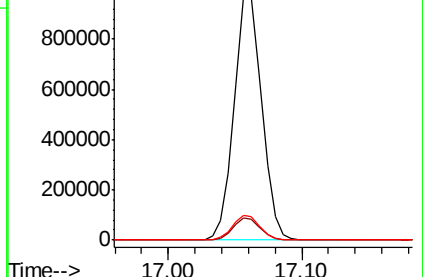
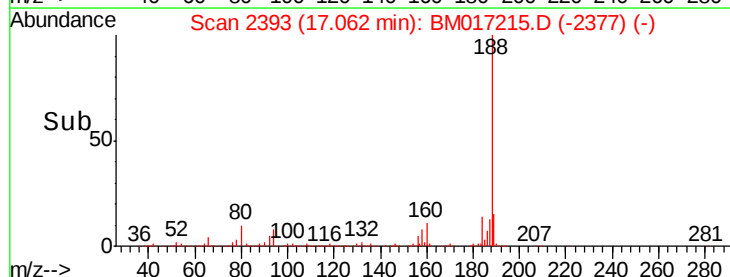
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.4
80	9.5	7.7	11.5

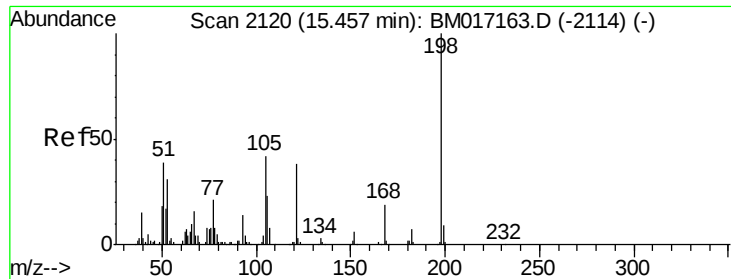


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

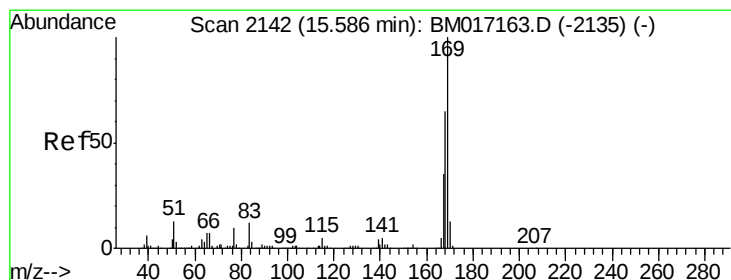
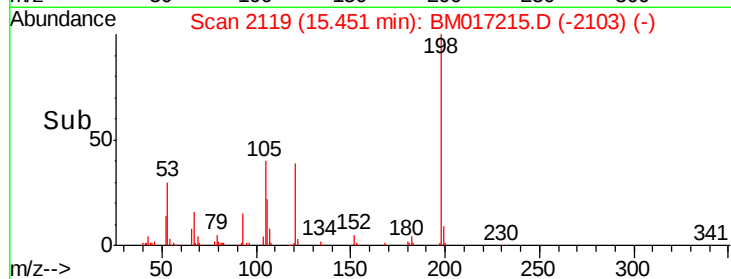
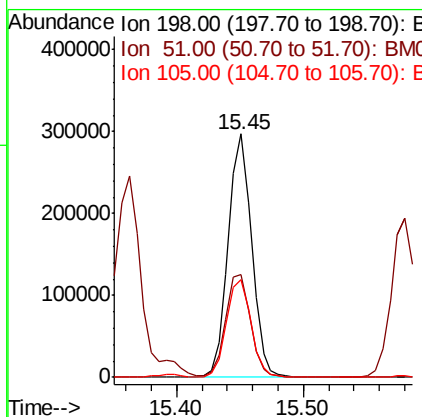
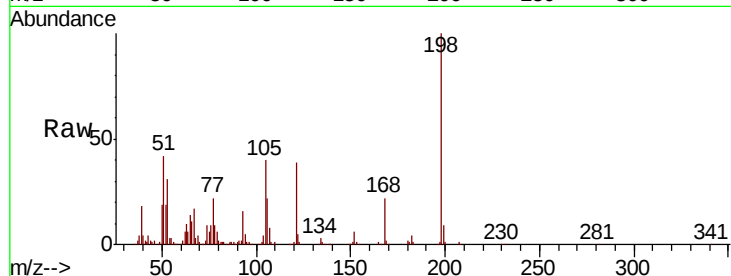




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.856 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BM017215.D
 Acq: 19 Oct 2018 04:34

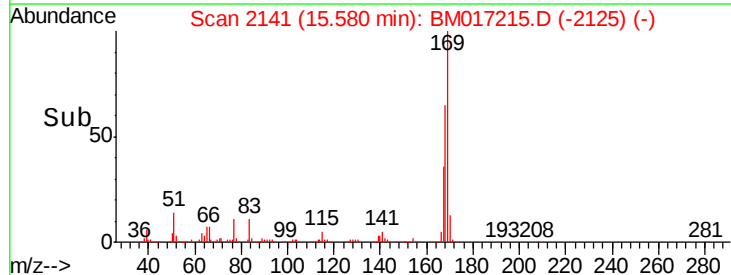
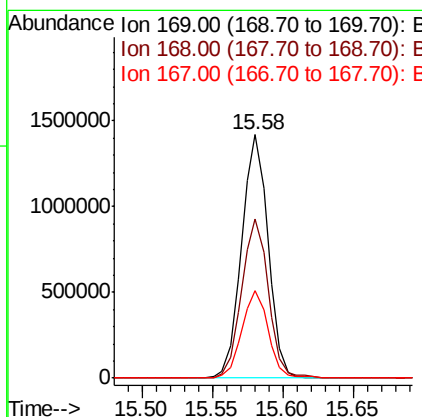
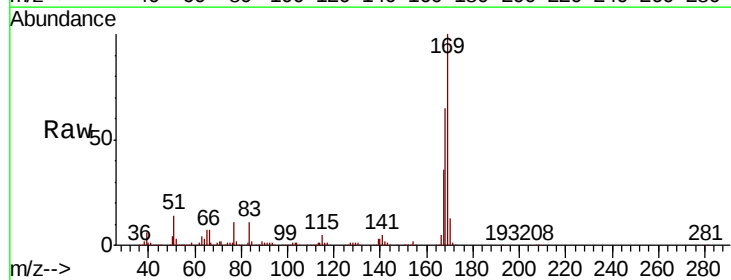
Instrument :
 BNA_M
 ClientSampleId :

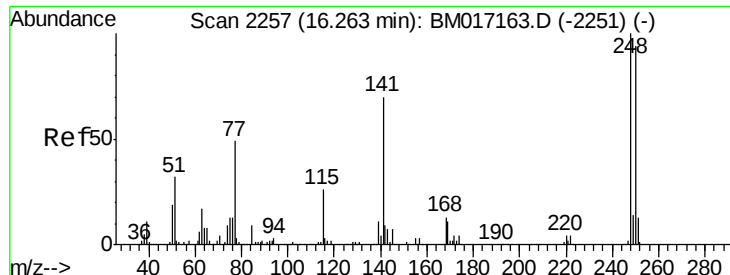
Tot Ion	198	Resp	381790
Ion Ratio	100	Lower	Upper
51	42.4	20.3	60.3
105	40.0	21.9	61.9



#66
 n-Nitrosodiphenylamine
 Concen: 43.370 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM017215.D
 Acq: 19 Oct 2018 04:34

Tgt Ion	169	Resp	1858445
Ion Ratio	100	Lower	Upper
168	65.1	52.2	78.4
167	36.0	28.4	42.6

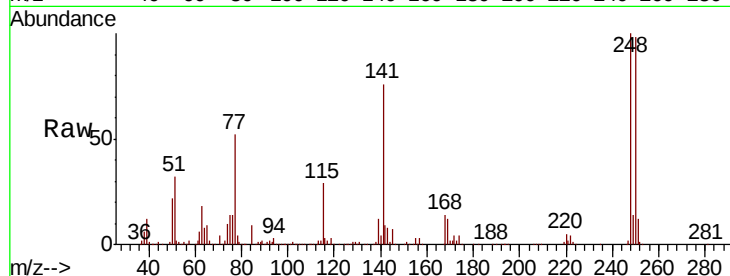




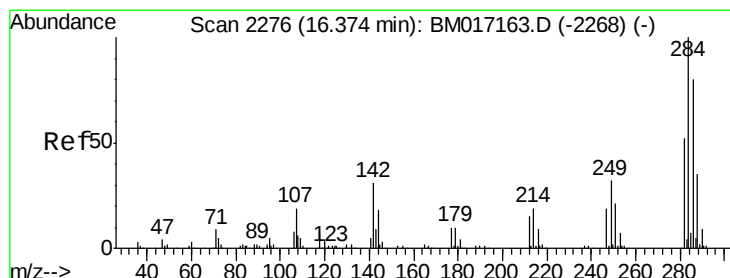
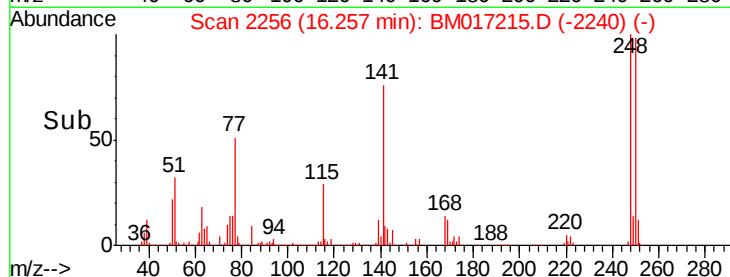
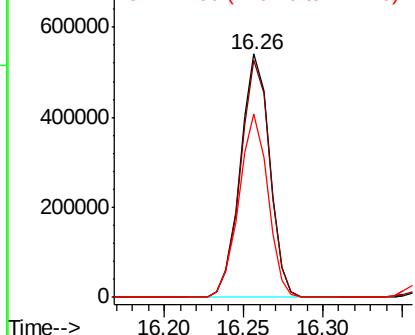
#67
4-Bromophenyl-phenylether
Concen: 44.687 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 694948
Ion Ratio Lower Upper
248 100
250 97.7 75.1 112.7
141 75.6 55.6 83.4

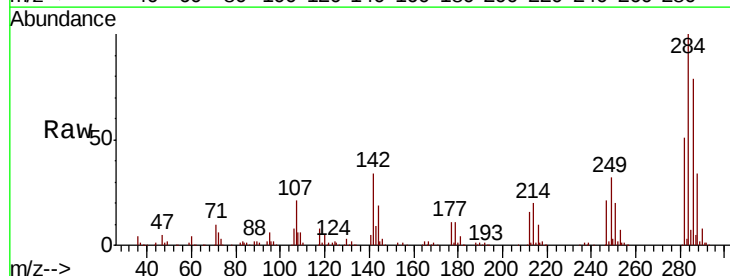


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

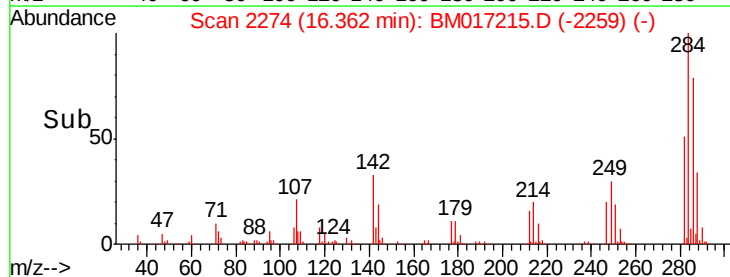
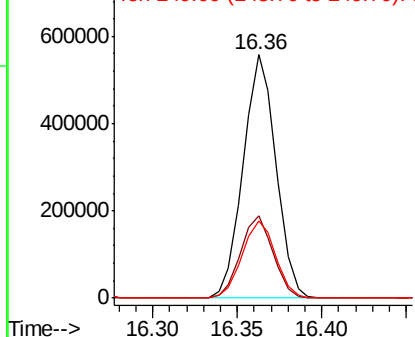


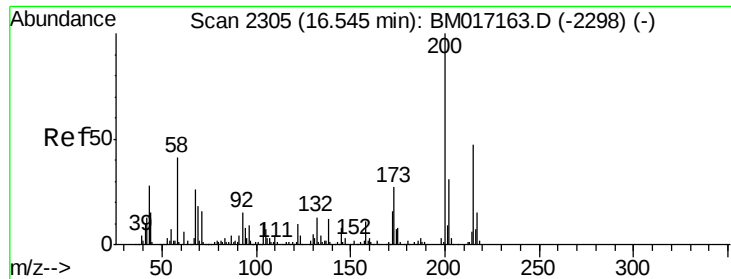
#68
Hexachlorobenzene
Concen: 41.782 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Tgt Ion:284 Resp: 754776
Ion Ratio Lower Upper
284 100
142 33.7 25.0 37.6
249 31.6 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

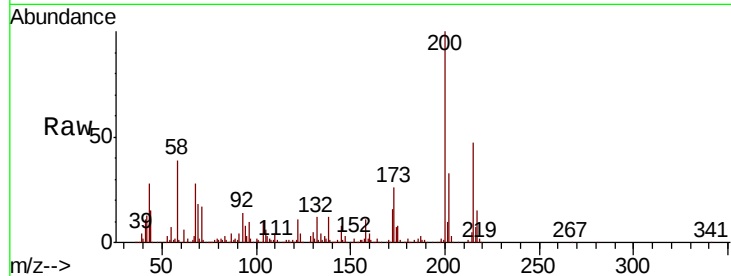




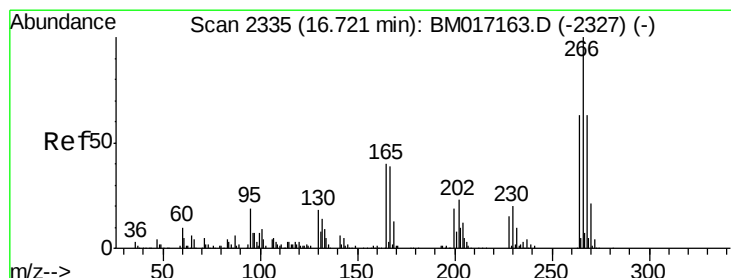
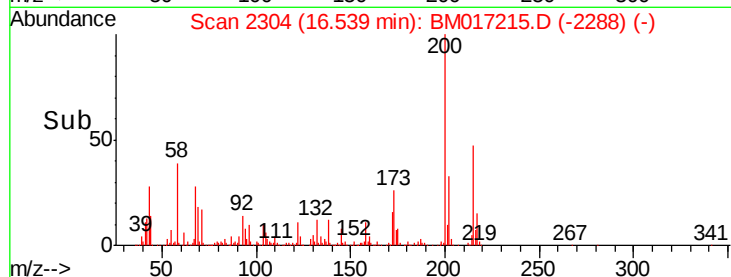
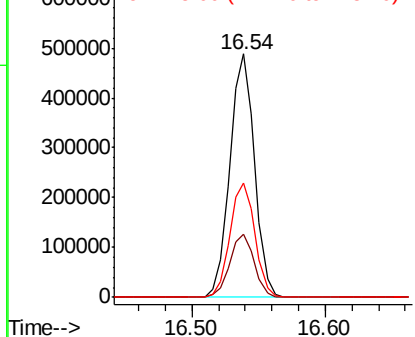
#69
Atrazine
Concen: 41.050 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion:200 Resp: 629563
Ion Ratio Lower Upper
200 100
173 26.1 7.0 47.0
215 47.1 27.3 67.3

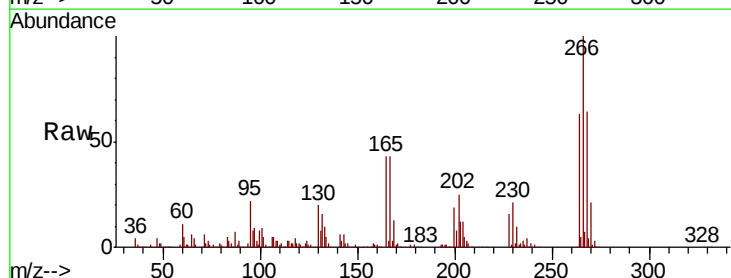


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

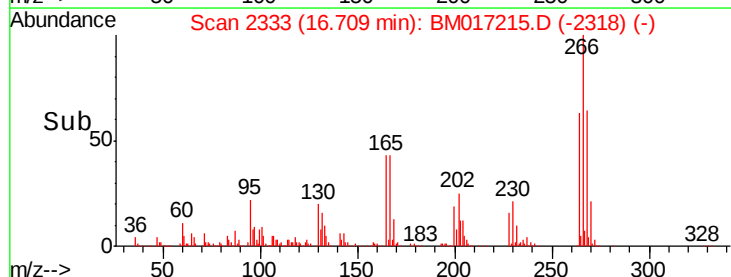
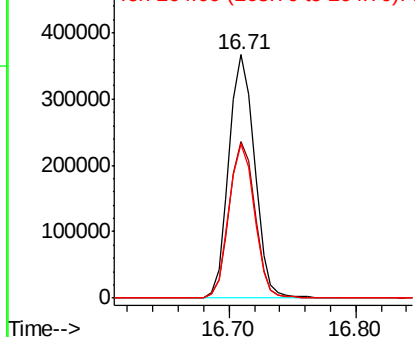


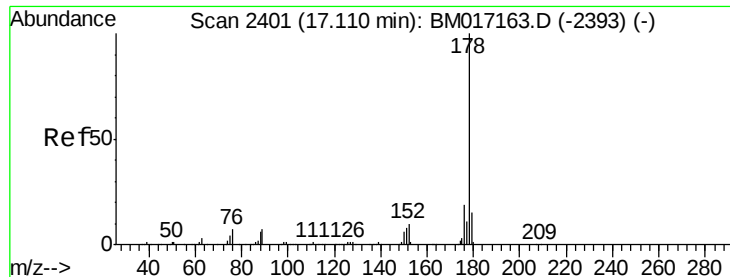
#70
Pentachlorophenol
Concen: 41.692 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Tgt Ion:266 Resp: 515933
Ion Ratio Lower Upper
266 100
268 64.4 50.7 76.1
264 63.0 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

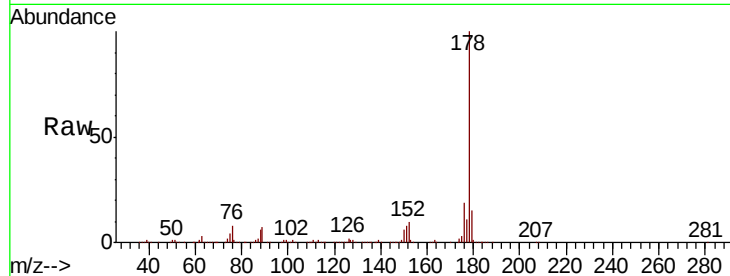




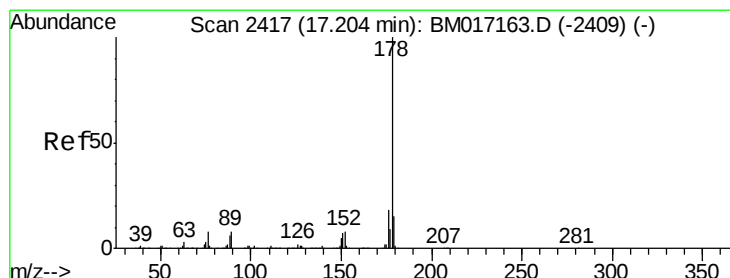
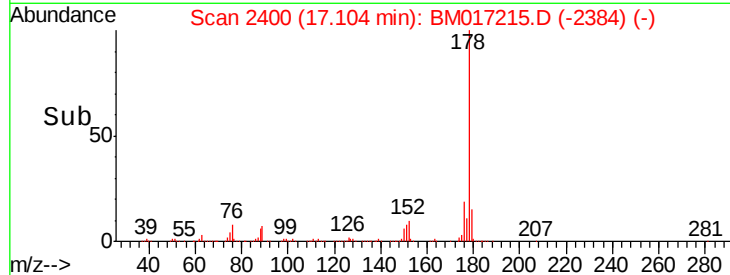
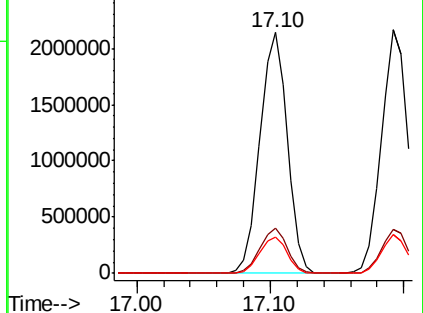
#71
Phenanthrene
Concen: 39.488 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Instrument :
BNA_M
ClientSampled :

Tot Ion:178 Resp: 3017492
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.2 12.3 18.5

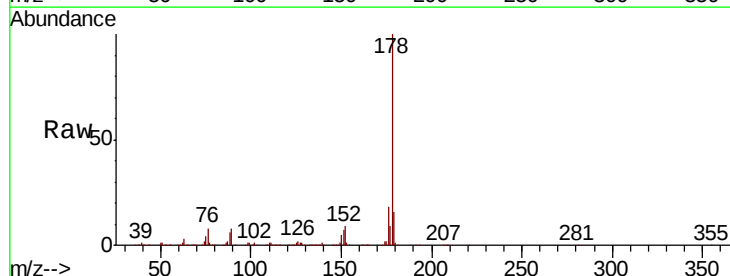


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

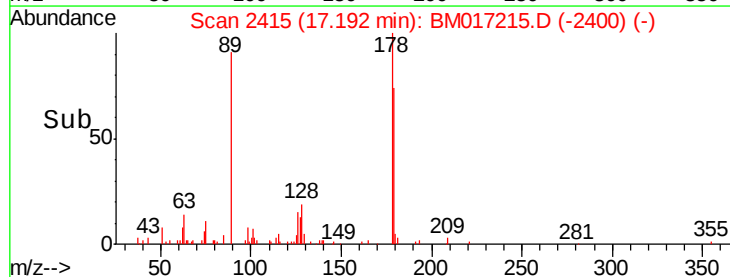
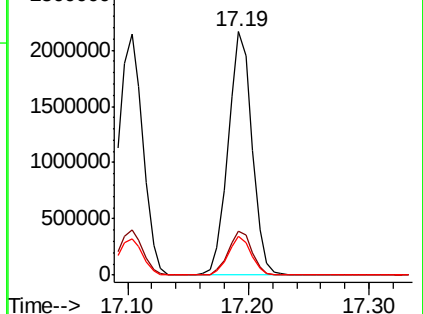


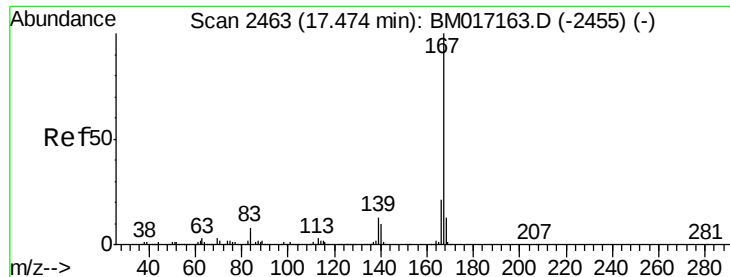
#72
Anthracene
Concen: 40.943 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Tgt Ion:178 Resp: 2972867
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 15.8 12.2 18.2



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



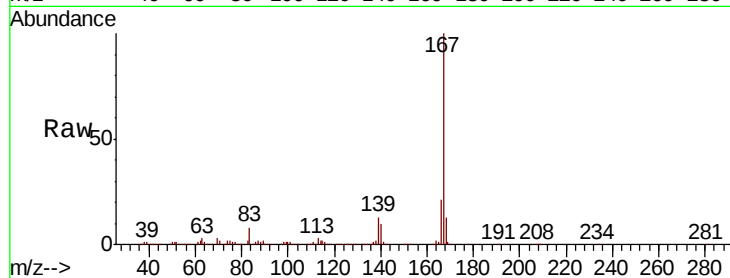


#73
 Carbazole
 Concen: 38.971 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017215.D
 Acq: 19 Oct 2018 04:34

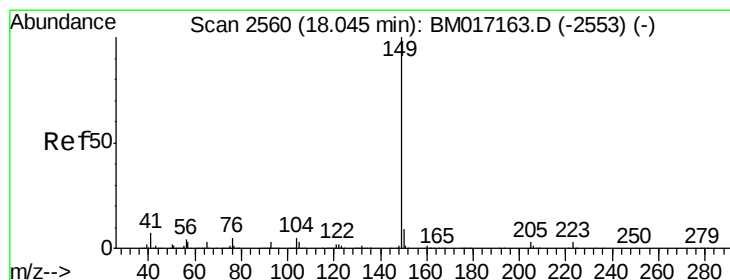
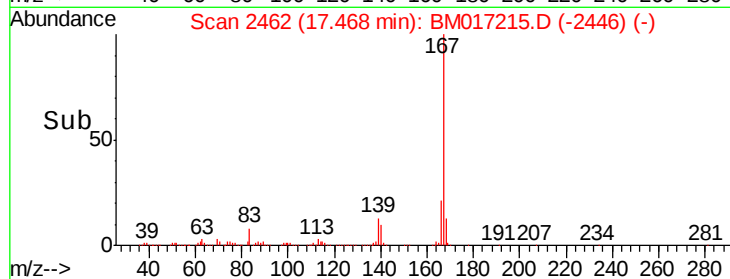
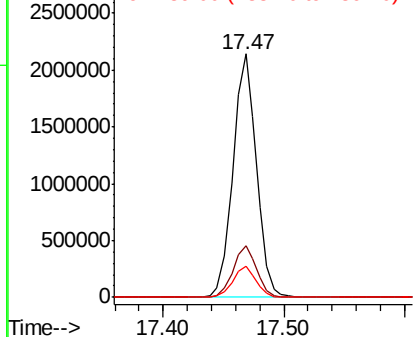
Instrument :
 BNA_M
 ClientSampled :

Tot Ion:167 Resp: 2890468

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.8	10.1	15.1



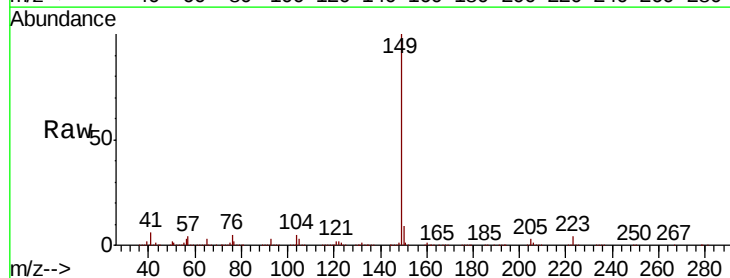
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



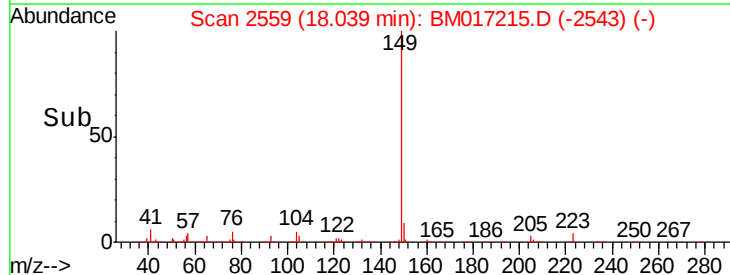
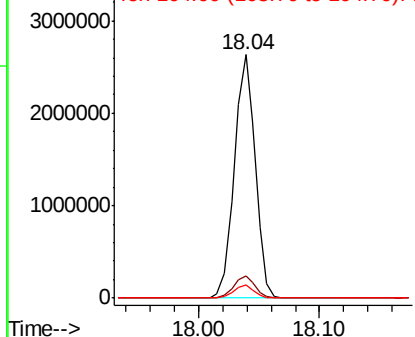
#74
 Di-n-butylphthalate
 Concen: 40.533 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.01 min
 Lab File: BM017215.D
 Acq: 19 Oct 2018 04:34

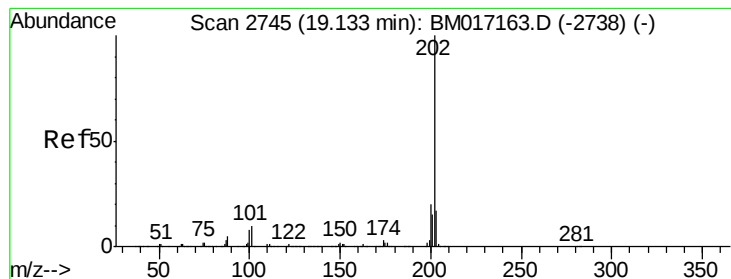
Tgt Ion:149 Resp: 3170820

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	5.2	4.3	6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.803 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

Instrument :

BNA_M

ClientSampleId :

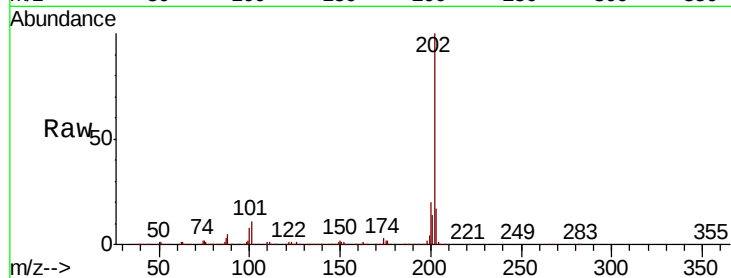
Tot Ion:202 Resp: 3250596

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.0

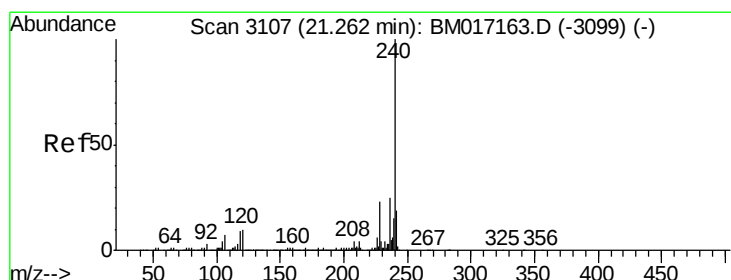
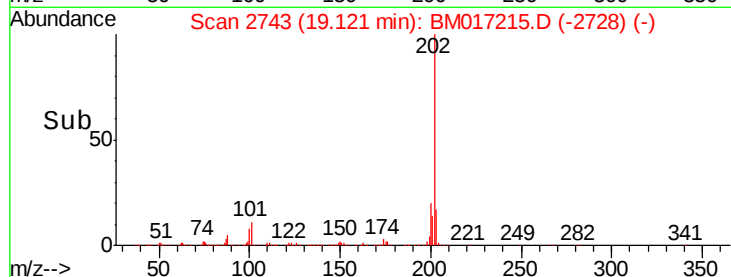
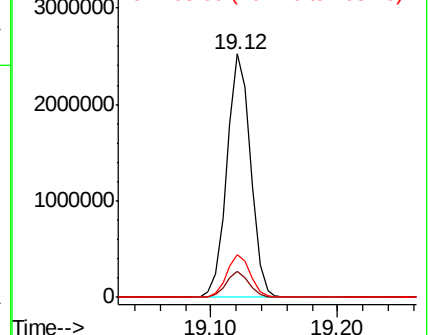
203 17.3 0.0 37.2



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: BM017215.D

Acq: 19 Oct 2018 04:34

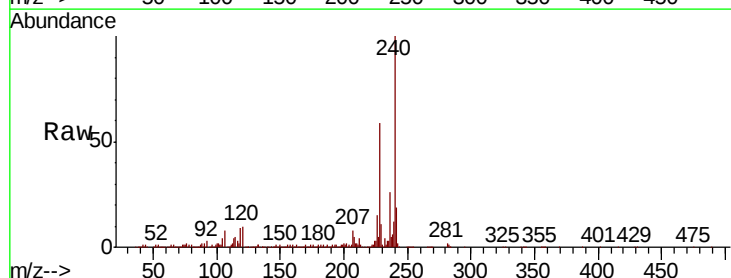
Tgt Ion:240 Resp: 1414067

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

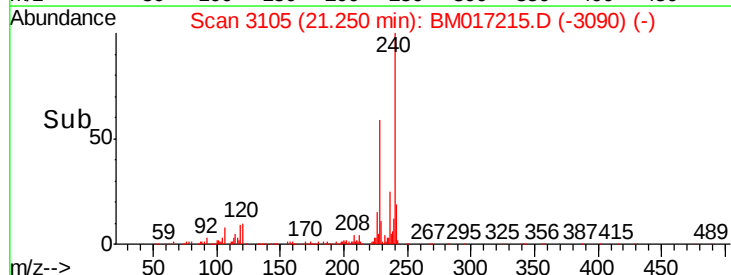
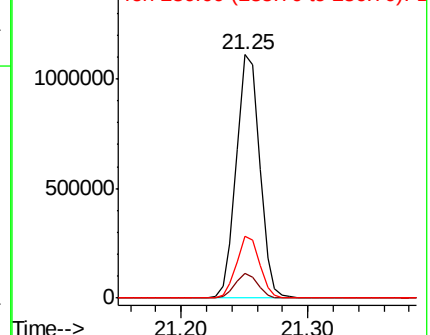
236 25.5 19.9 29.9

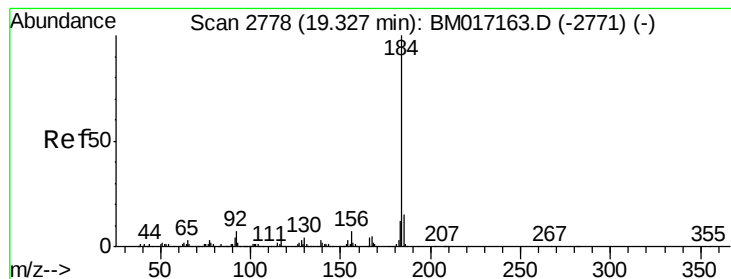


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.112 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

Instrument :

BNA_M

ClientSampleId :

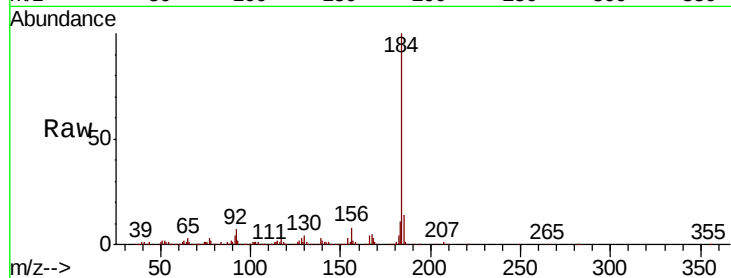
Tot Ion:184 Resp: 1617541

Ion Ratio Lower Upper

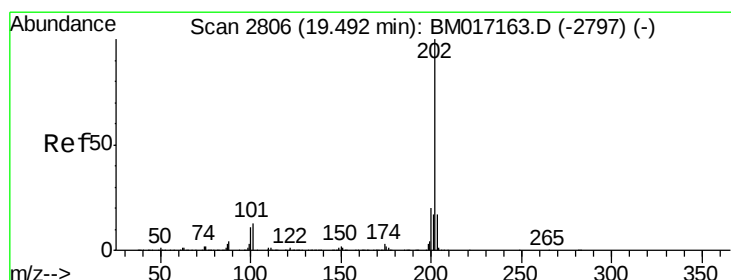
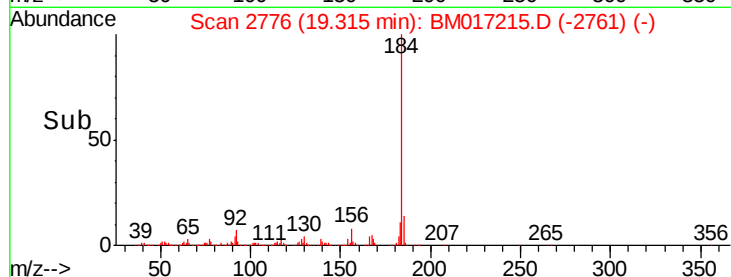
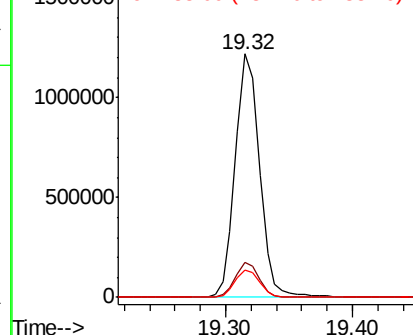
184 100

185 14.4 11.8 17.8

183 11.5 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.054 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

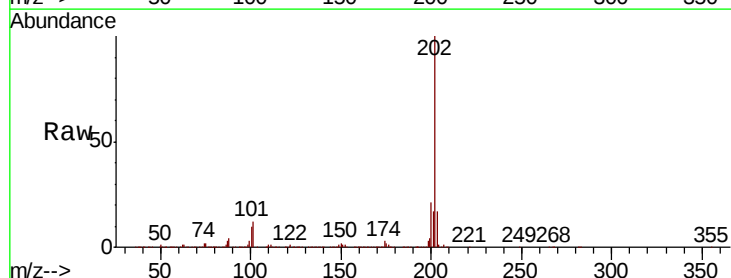
Tgt Ion:202 Resp: 3402690

Ion Ratio Lower Upper

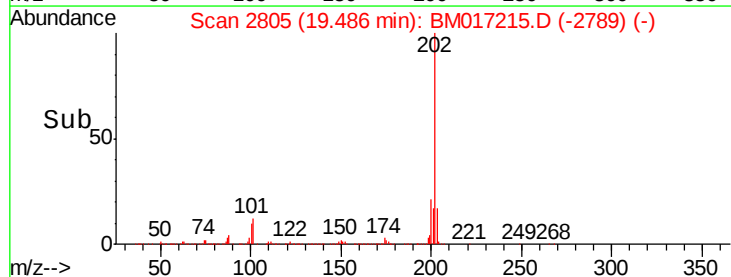
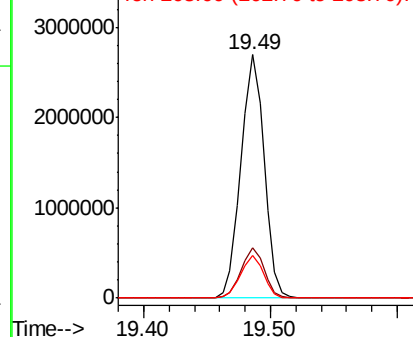
202 100

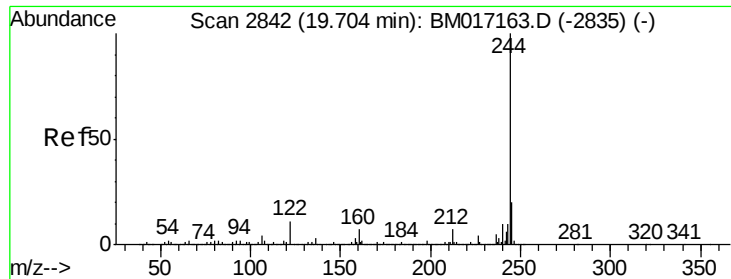
200 20.6 16.3 24.5

203 17.5 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

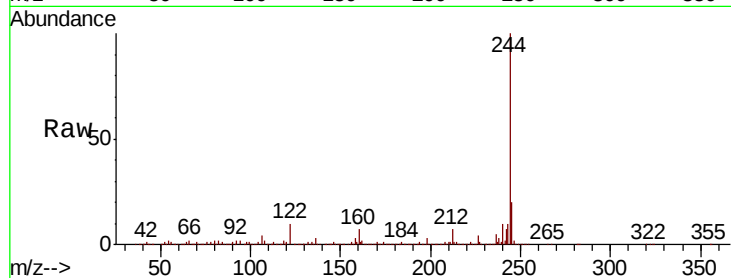




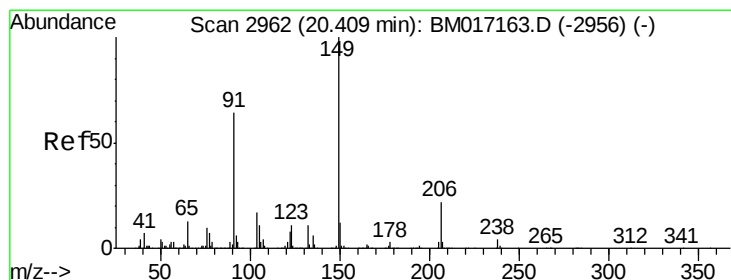
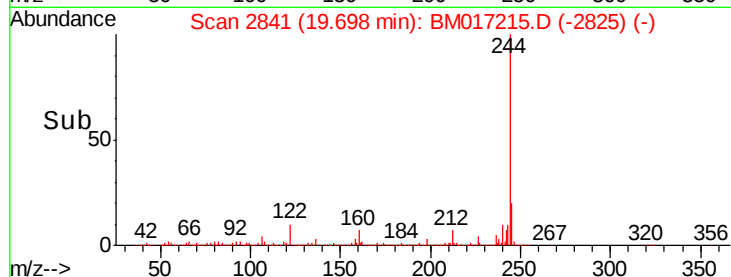
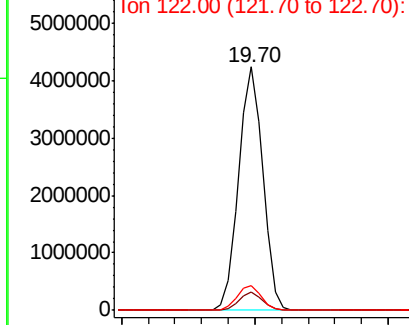
#79
 Terphenyl-d14
 Concen: 84.899 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017215.D
 Acq: 19 Oct 2018 04:34

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 5326191
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 10.1 8.4 12.6

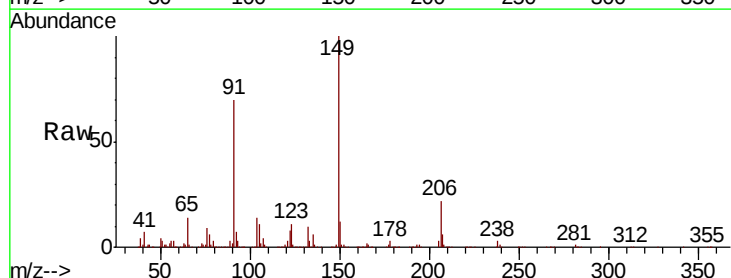


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

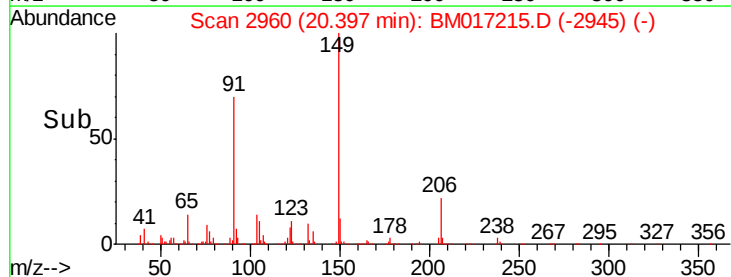
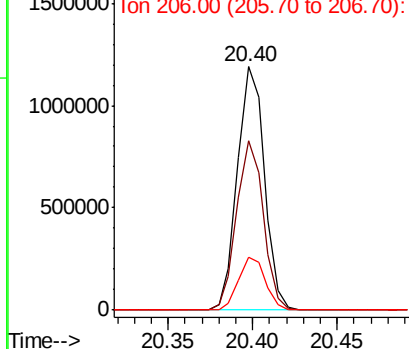


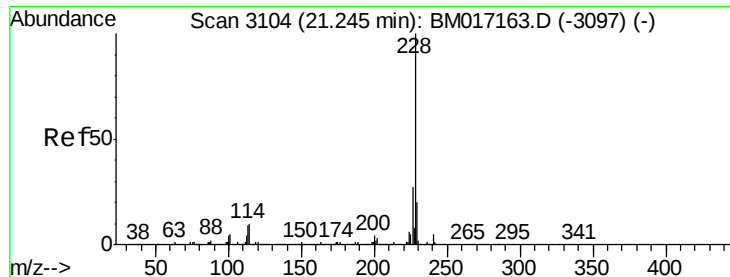
#80
 Butylbenzylphthalate
 Concen: 44.676 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM017215.D
 Acq: 19 Oct 2018 04:34

Tgt Ion:149 Resp: 1326038
 Ion Ratio Lower Upper
 149 100
 91 69.6 51.3 76.9
 206 21.6 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

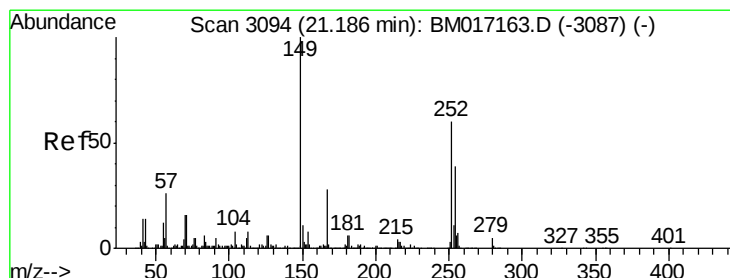
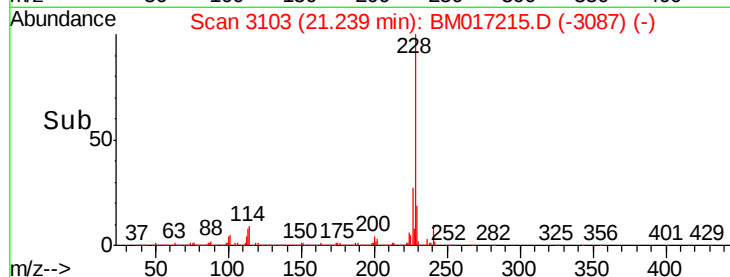
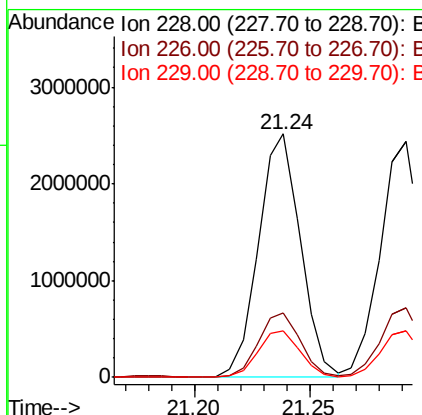
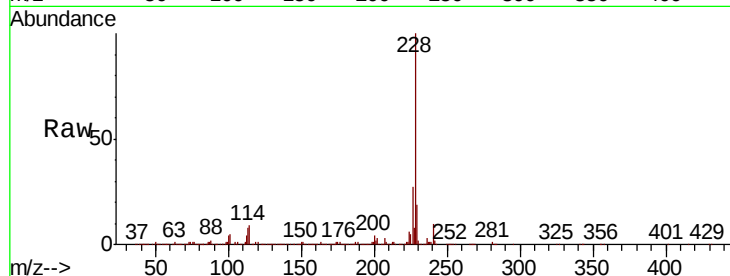




#81
Benzo(a)anthracene
Concen: 39.991 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

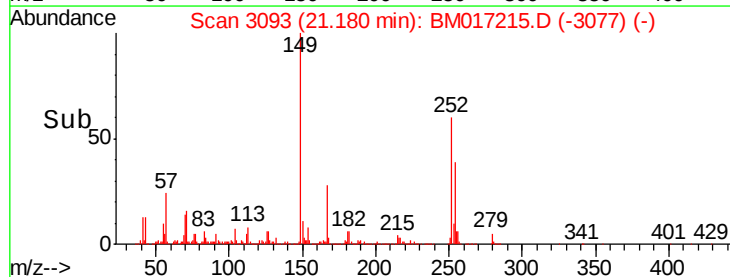
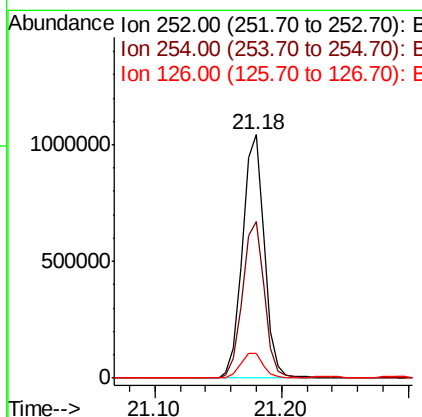
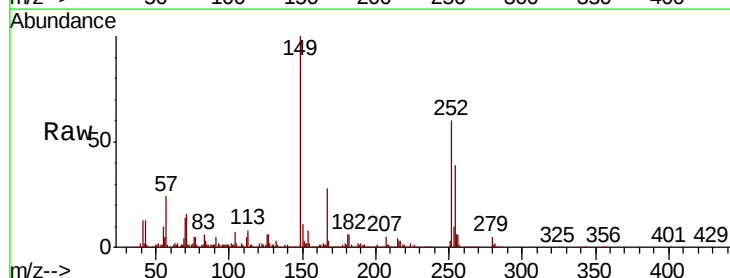
Instrument :
BNA_M
ClientSampleId :

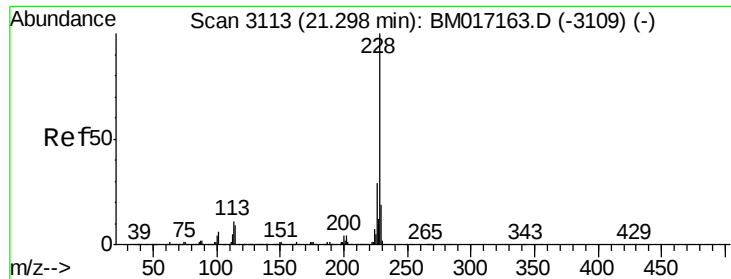
Tot Ion:228 Resp: 3182339
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.0
229 19.2 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 41.793 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Tgt Ion:252 Resp: 1239482
Ion Ratio Lower Upper
252 100
254 64.3 52.1 78.1
126 10.0 8.6 12.8



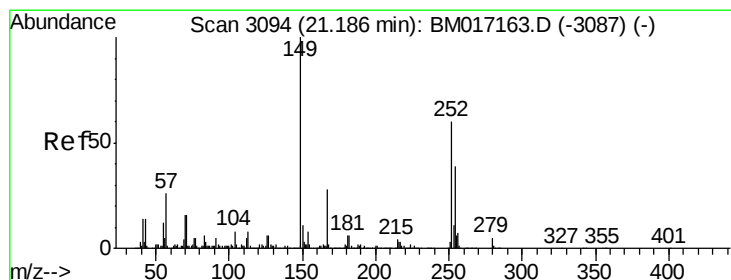
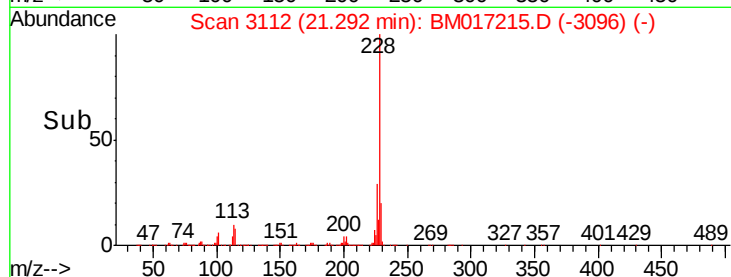
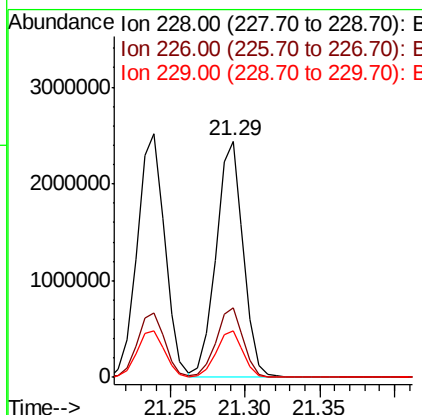
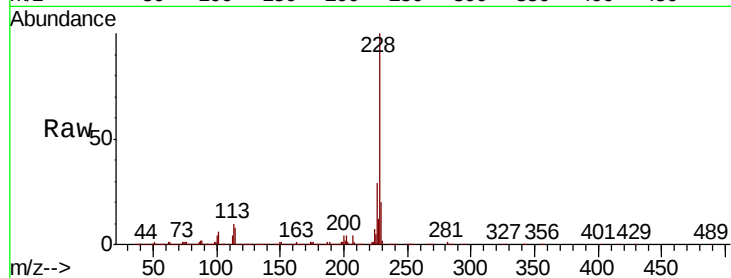


#83
 Chrvsene
 Concen: 39.258 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BM017215.D
 Acq: 19 Oct 2018 04:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:228 Resp: 3092096

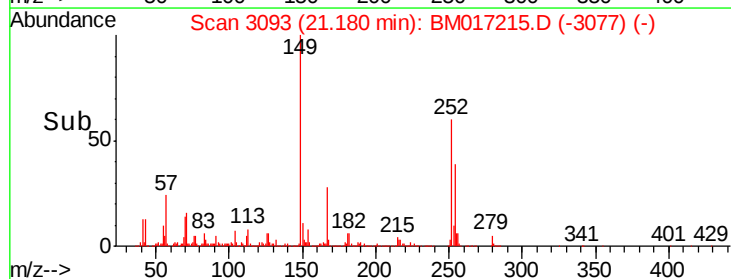
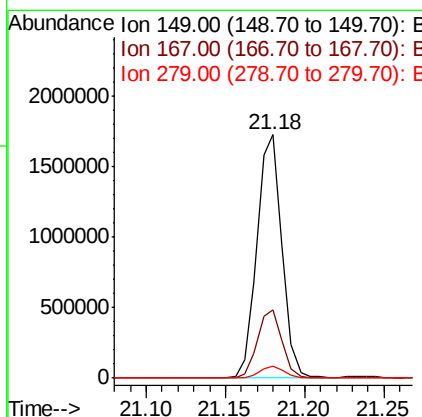
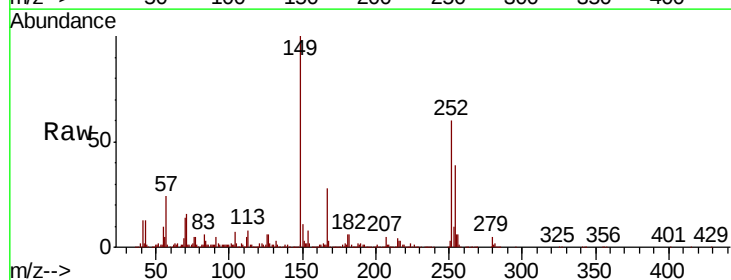
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.3	34.9
229	19.6	15.6	23.4

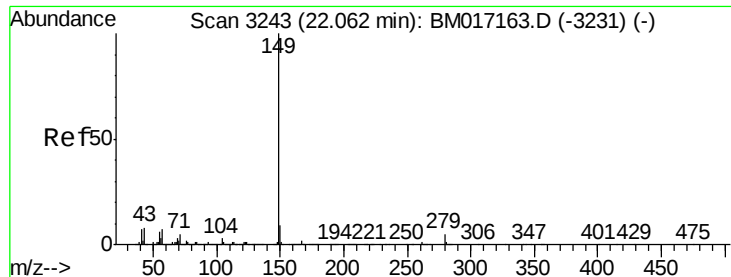


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.915 ng
 RT: 21.18 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM017215.D
 Acq: 19 Oct 2018 04:34

Tgt Ion:149 Resp: 1893846

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.2	33.4
279	4.9	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 40.518 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

Instrument :

BNA_M

ClientSampleId :

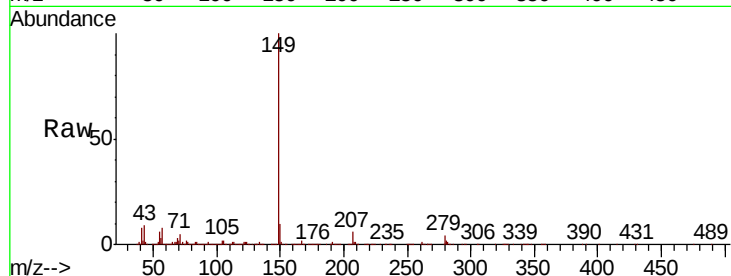
Tot Ion:149 Resp: 3081878

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

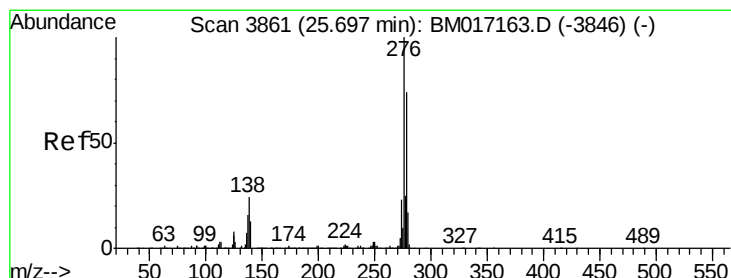
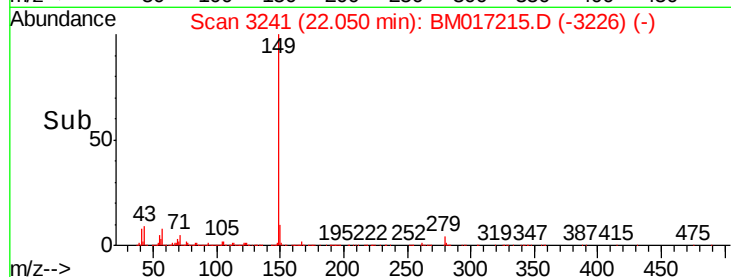
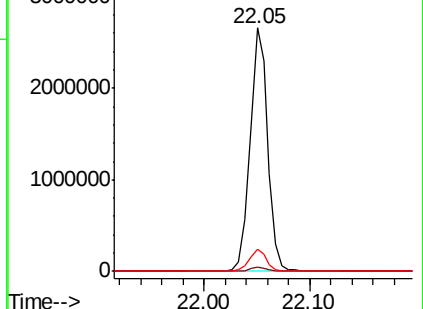
43 8.9 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.684 ng

RT: 25.68 min Scan# 3858

Delta R.T. -0.02 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

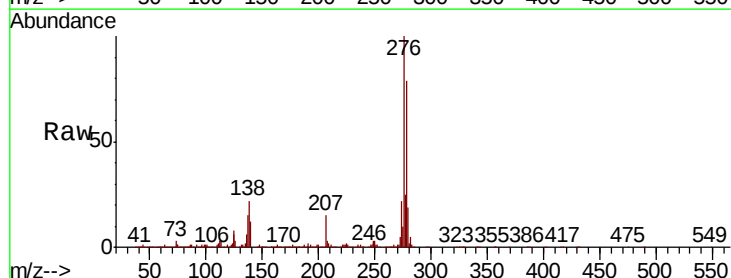
Tgt Ion:276 Resp: 3495978

Ion Ratio Lower Upper

276 100

138 22.8 19.5 29.3

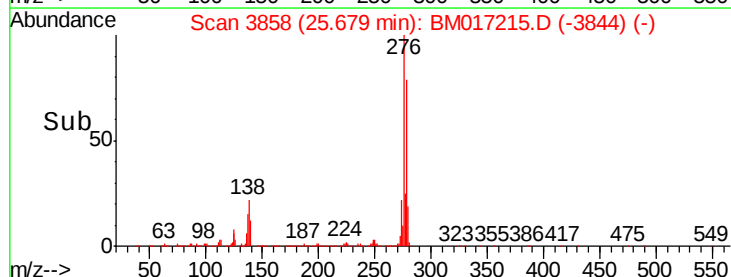
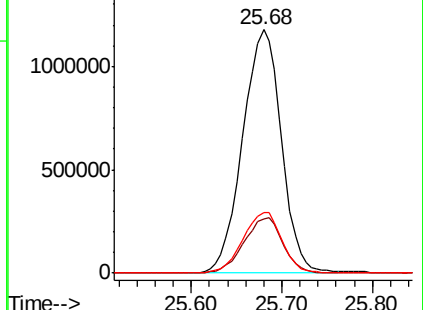
277 25.1 20.1 30.1

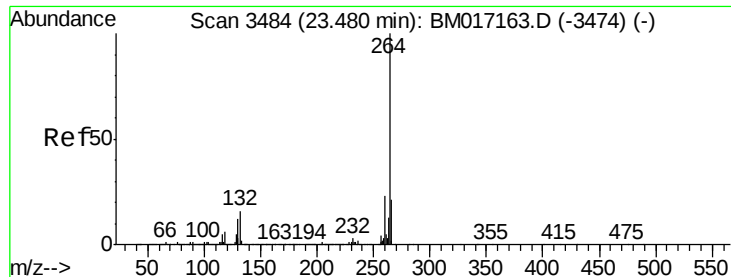


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



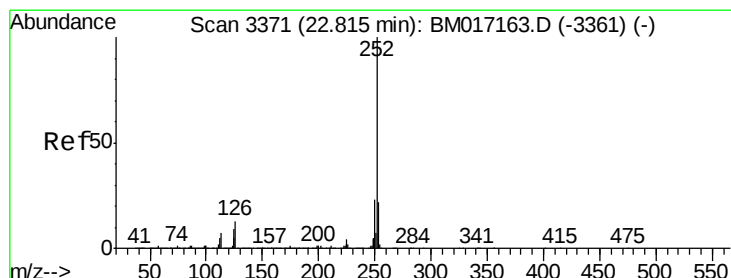
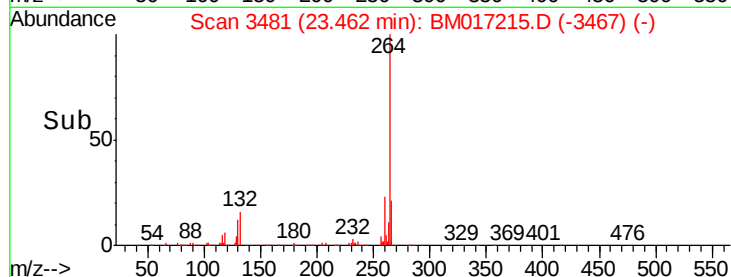
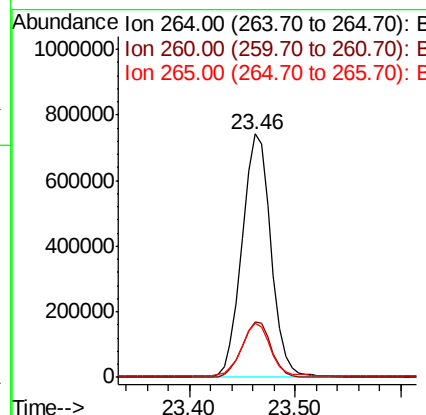
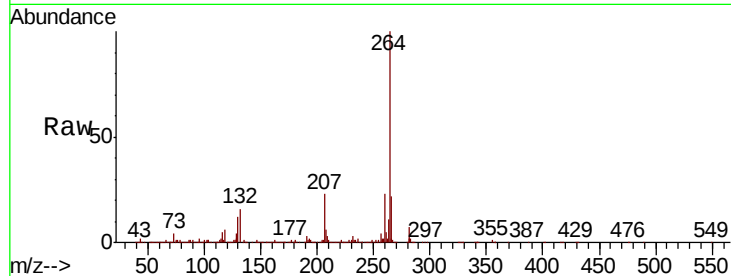


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1411721

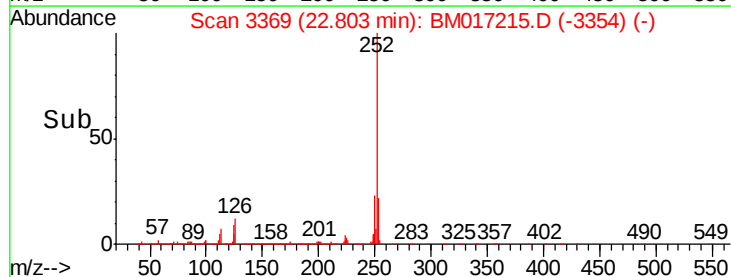
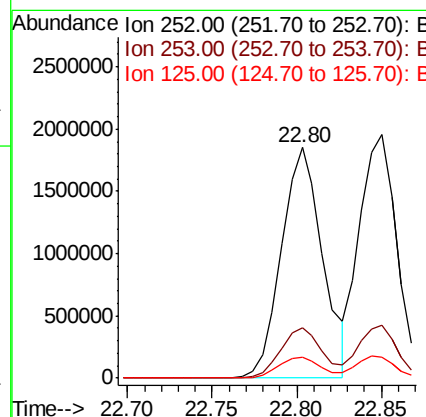
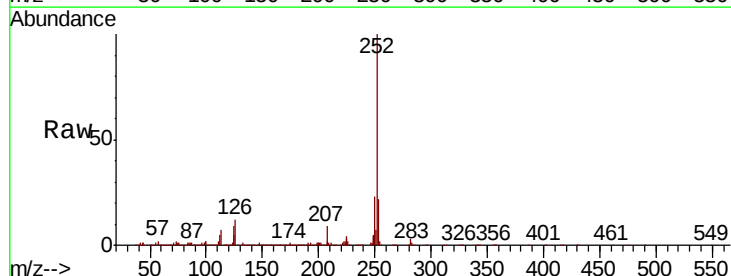
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	22.2	17.8	26.8

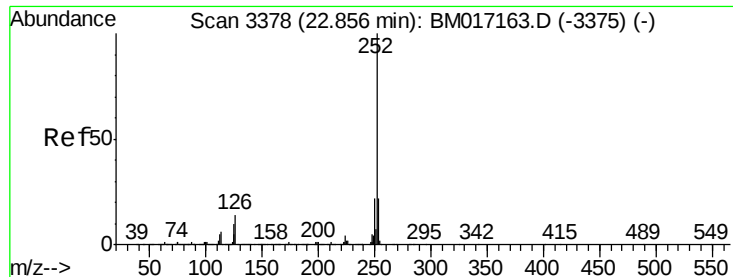


#88
Benzo(b)fluoranthene
Concen: 40.616 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Tgt Ion:252 Resp: 3134868

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	9.1	7.5	11.3

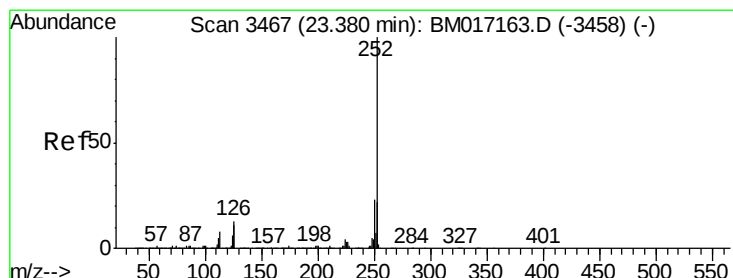
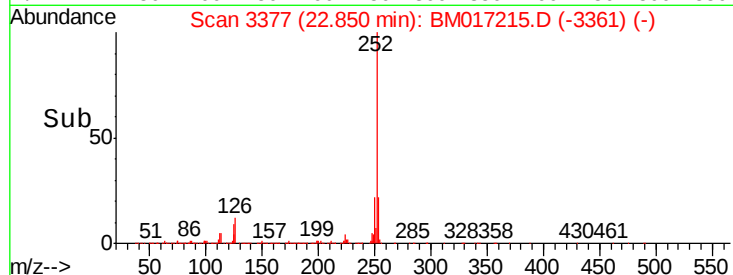
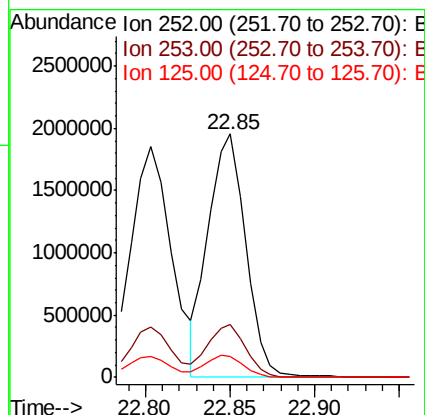
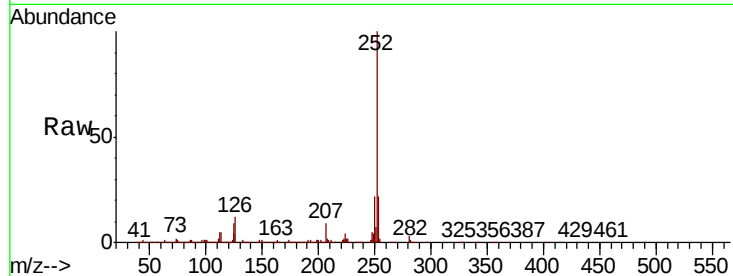




#89
Benzo(k)fluoranthene
Concen: 38.849 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

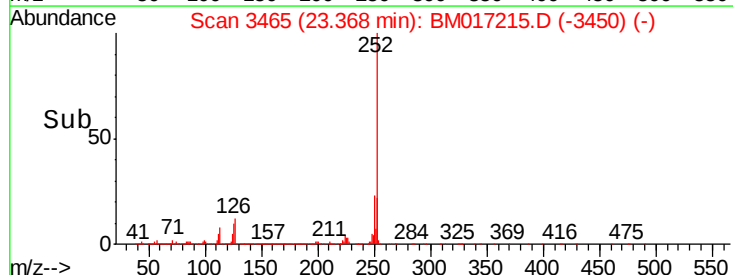
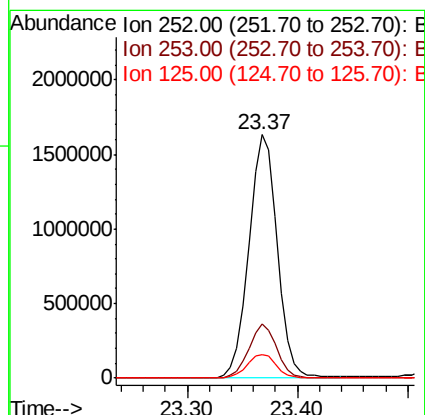
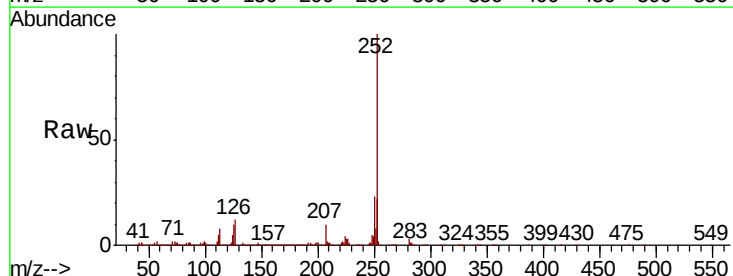
Instrument :
BNA_M
ClientSampled :

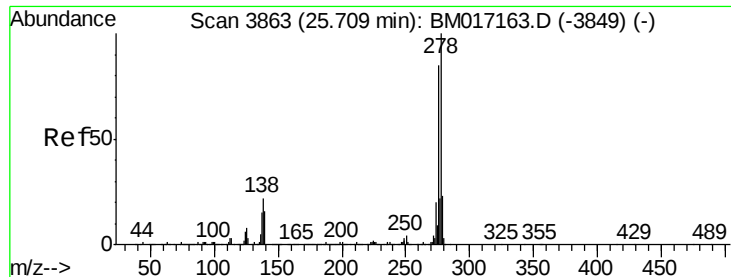
Tot Ion:252 Resp: 3008810
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.8 8.2 12.2



#90
Benzo(a)pyrene
Concen: 40.194 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017215.D
Acq: 19 Oct 2018 04:34

Tgt Ion:252 Resp: 2945599
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.9 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 40.741 ng

RT: 25.69 min Scan# 3860

Delta R.T. -0.02 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

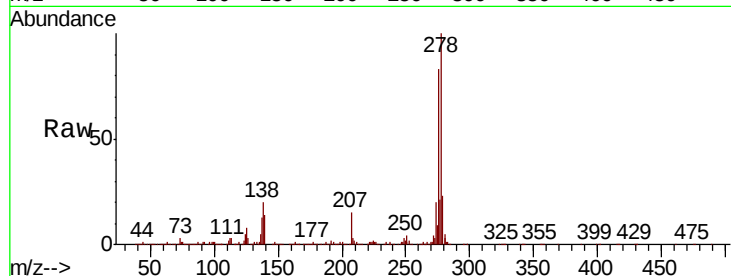
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 2964615

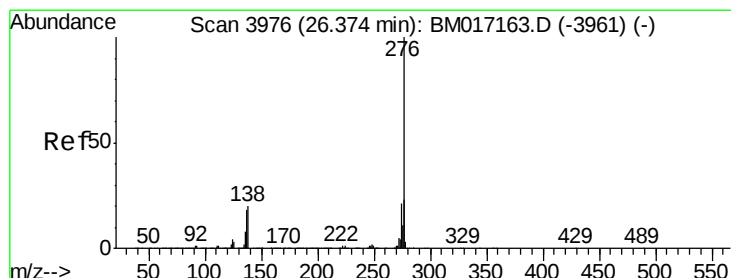
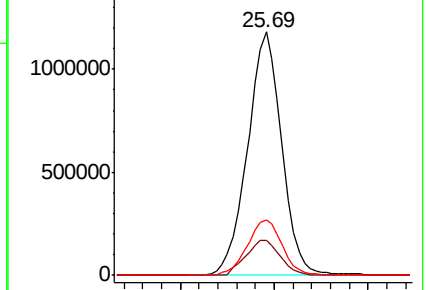
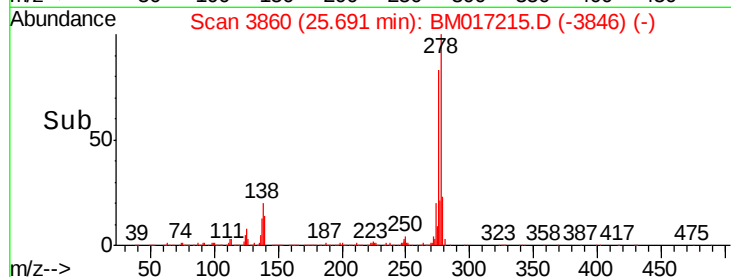
Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.7	19.1
279	22.9	18.7	28.1



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: 40.315 ng

RT: 26.36 min Scan# 3973

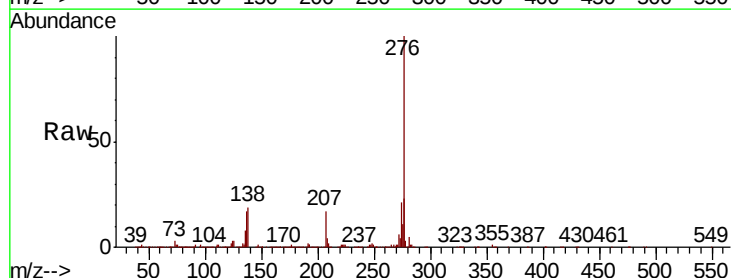
Delta R.T. -0.02 min

Lab File: BM017215.D

Acq: 19 Oct 2018 04:34

Tgt Ion:276 Resp: 2907628

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	19.0	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

