

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102318\
 Data File : BM017285.D
 Acq On : 23 Oct 2018 15:22
 Operator : MJ/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 24 06:55:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	250467	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	1119449	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	656411	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1452457	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1660279	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1506330	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	1329979	89.81	ng	0.00
7) Phenol-d6	6.85	99	1799441	89.22	ng	0.00
23) Nitrobenzene-d5	8.82	82	1736096	90.70	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	830174	93.52	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	4136210	83.84	ng	-0.01
79) Terphenyl-d14	19.69	244	6690388	90.83	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	302202	39.963	ng	# 86
3) Pyridine	3.65	79	761353	43.757	ng	# 87
4) n-Nitrosodimethylamine	3.56	42	288900	41.361	ng	# 78
6) Aniline	7.00	93	1055003	41.820	ng	98
8) 2-Chlorophenol	7.23	128	772315	45.080	ng	98
9) Benzaldehyde	6.82	77	494976	38.490	ng	97
10) Phenol	6.87	94	945504	43.559	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	753894	43.568	ng	99
12) 1,3-Dichlorobenzene	7.55	146	856841	42.904	ng	99
13) 1,4-Dichlorobenzene	7.70	146	868370	42.558	ng	98
14) 1,2-Dichlorobenzene	8.01	146	847635	43.117	ng	99
15) Benzyl Alcohol	7.91	79	716556	48.605	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.19	45	993601	41.101	ng	98
17) 2-Methylphenol	8.11	107	635627	45.622	ng	99
18) Hexachloroethane	8.72	117	309357	44.303	ng	99
19) n-Nitroso-di-n-propylamine	8.47	70	619899	46.678	ng	98
20) 3+4-Methylphenols	8.44	107	896435	47.042	ng	98
22) Acetophenone	8.48	105	1195438	42.128	ng	# 100
24) Nitrobenzene	8.86	77	878386	43.385	ng	94
25) Isophorone	9.38	82	1452827	45.966	ng	98
26) 2-Nitrophenol	9.56	139	462175	48.683	ng	96
27) 2,4-Dimethylphenol	9.63	122	642857	45.998	ng	100
28) bis(2-Chloroethoxy)methane	9.86	93	972193	43.702	ng	99
29) 2,4-Dichlorophenol	10.09	162	762058	46.963	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	832919	42.788	ng	98
31) Naphthalene	10.49	128	2286014	41.670	ng	100
32) Benzoic acid	9.80	122	628696	60.290	ng	93
33) 4-Chloroaniline	10.60	127	987373	41.673	ng	98
34) Hexachlorobutadiene	10.76	225	512884	41.583	ng	97
35) Caprolactam	11.43	113	298459	50.469	ng	90
36) 4-Chloro-3-methylphenol	11.74	107	857046	46.856	ng	96
37) 2-Methylnaphthalene	12.10	142	1639182	43.664	ng	99
38) 1-Methylnaphthalene	12.33	142	1585454	43.392	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	982884	42.519	ng	100

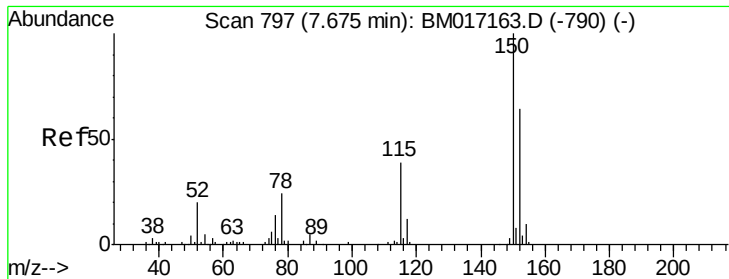
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102318\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	527804	47.229	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	649208	48.379	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	684877	47.594	ng	97
46) 1,1'-Biphenyl	13.13	154	2475286	41.904	ng	100
47) 2-Chloronaphthalene	13.17	162	1832535	42.170	ng	99
48) 2-Nitroaniline	13.39	65	581253	47.422	ng	98
49) Acenaphthylene	14.02	152	2751729	43.685	ng	99
50) Dimethylphthalate	13.77	163	2292232	45.263	ng	100
51) 2,6-Dinitrotoluene	13.89	165	518378	46.507	ng	99
52) Acenaphthene	14.37	154	1675274	42.359	ng	97
53) 3-Nitroaniline	14.23	138	485399	40.209	ng	98
54) 2,4-Dinitrophenol	14.43	184	316433	51.642	ng	96
55) Dibenzofuran	14.70	168	2712410	41.241	ng	99
56) 4-Nitrophenol	14.56	139	476996	45.515	ng	99
57) 2,4-Dinitrotoluene	14.68	165	731127	48.804	ng	# 98
58) Fluorene	15.36	166	2072516	42.573	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.94	232	610351	46.532	ng	98
60) Diethylphthalate	15.14	149	2922308	58.187	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	1161743	41.860	ng	96
62) 4-Nitroaniline	15.39	138	519827	39.518	ng	98
63) Azobenzene	15.65	77	2131185	43.658	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	457401	48.889	ng	97
66) n-Nitrosodiphenylamine	15.57	169	2046759	46.577	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	752131	47.161	ng	96
68) Hexachlorobenzene	16.36	284	829235	44.762	ng	97
69) Atrazine	16.54	200	749277	47.641	ng	98
70) Pentachlorophenol	16.71	266	627935	49.481	ng	99
71) Phenanthrene	17.10	178	3296584	42.067	ng	99
72) Anthracene	17.19	178	3390093	45.529	ng	99
73) Carbazole	17.47	167	3471491	45.641	ng	99
74) Di-n-butylphthalate	18.03	149	4255819	53.049	ng	99
75) Fluoranthene	19.12	202	4038194	45.794	ng	99
78) Pyrene	19.49	202	4206989	45.337	ng	100
80) Butylbenzylphthalate	20.40	149	2021841	55.874	ng	99
81) Benzo(a)anthracene	21.23	228	4115083	44.044	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1140920	32.764	ng	98
83) Chrysene	21.29	228	3894590	42.114	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	2929257	53.532	ng	98
85) Di-n-octyl phthalate	22.05	149	4904552	52.938	ng	97
86) Indeno(1,2,3-cd)pyrene	25.67	276	3538256	34.208	ng	99
88) Benzo(b)fluoranthene	22.84	252	3511832	42.642	ng	99
89) Benzo(k)fluoranthene	22.84	252	3652858	44.203	ng	100
90) Benzo(a)pyrene	23.37	252	3364954	43.033	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	3015108	38.832	ng	99
92) Benzo(g,h,i)perylene	26.35	276	2872554	37.328	ng	99

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

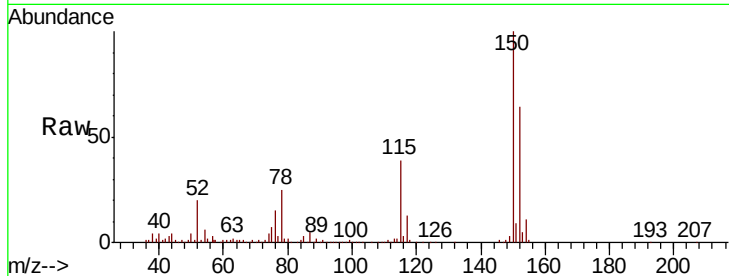


#1

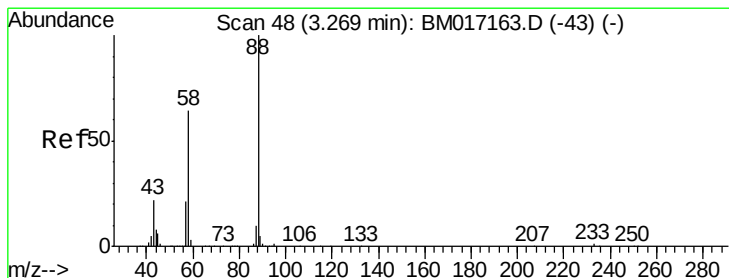
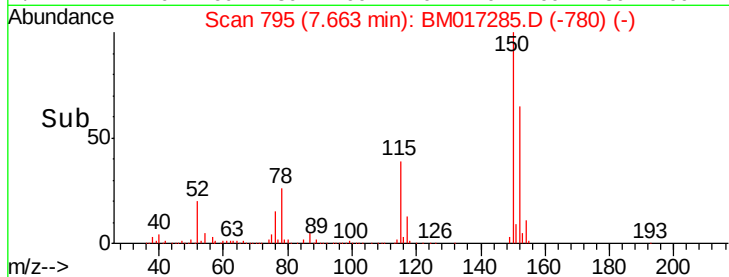
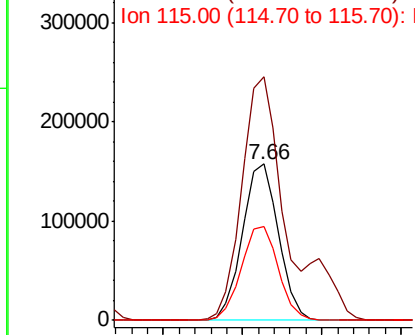
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.3	186.5
115	60.1	48.1	72.1



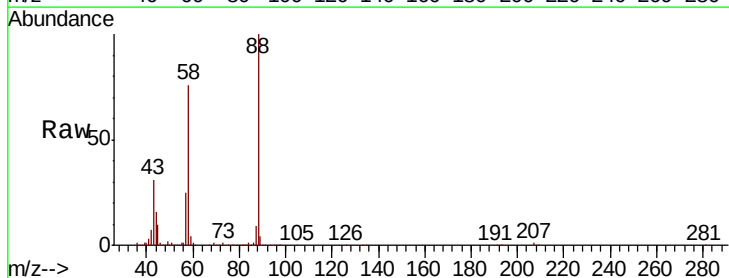
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



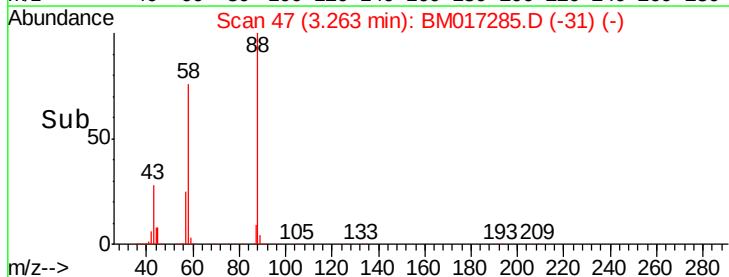
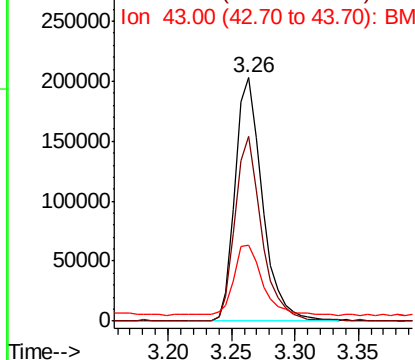
#2

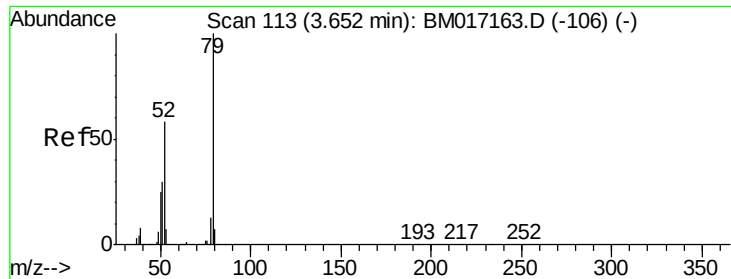
1,4-Dioxane
Concen: 39.963 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	50.2	75.4
43	31.0	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: 43.757 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Instrument :

BNA_M

ClientSampleId :

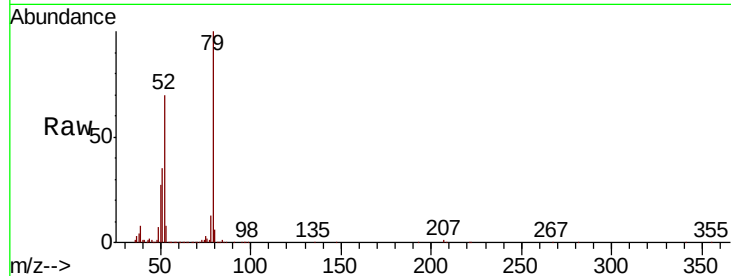
Tot Ion: 79 Resp: 761353

Ion Ratio Lower Upper

79 100

52 70.3 46.5 69.7#

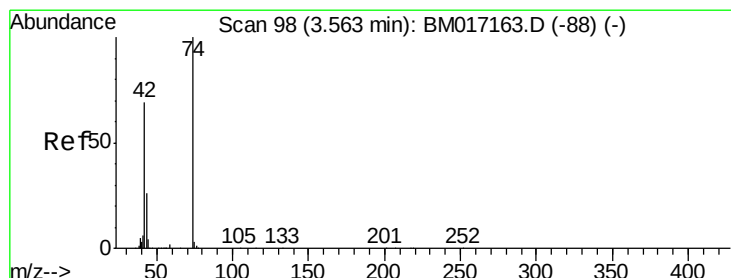
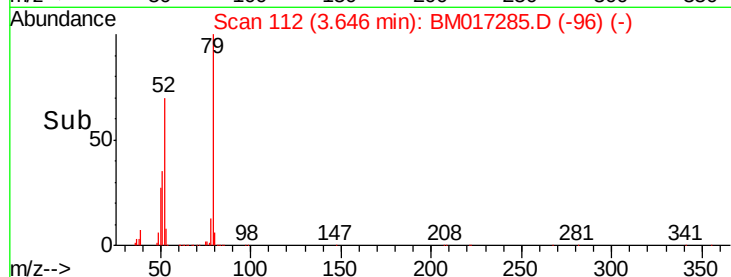
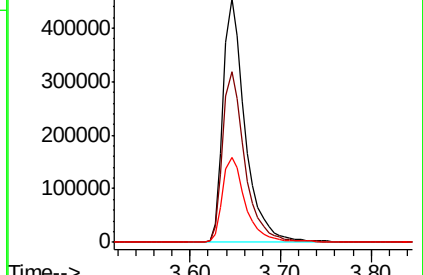
51 34.8 24.6 37.0



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: 41.361 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.00 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

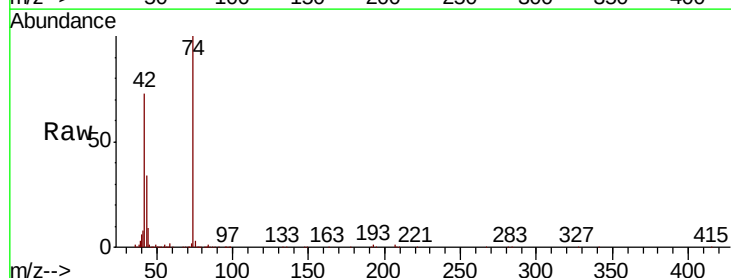
Tgt Ion: 42 Resp: 288900

Ion Ratio Lower Upper

42 100

74 137.5 114.4 171.6

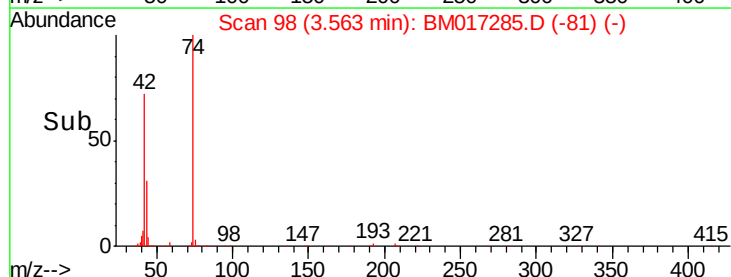
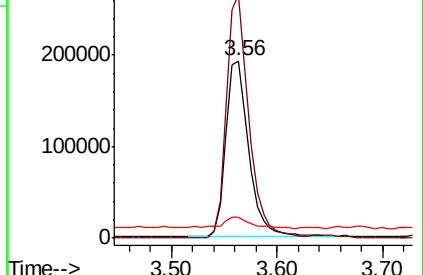
44 11.8 48.6 73.0#

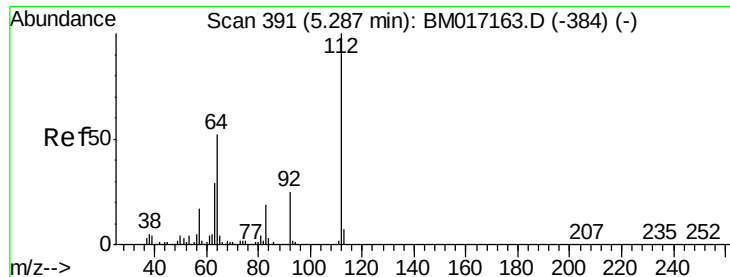


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

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: 89.810 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Instrument :

BNA_M

ClientSampleId :

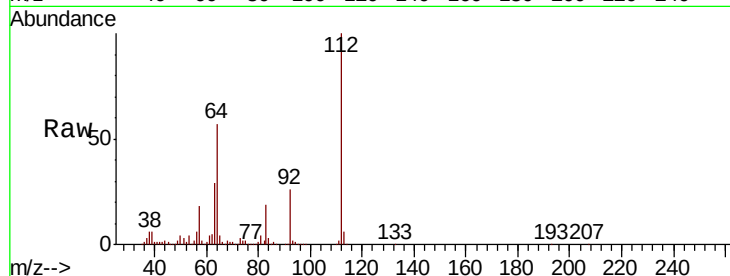
Tot Ion:112 Resp: 1329979

Ion Ratio Lower Upper

112 100

64 57.2 41.7 62.5

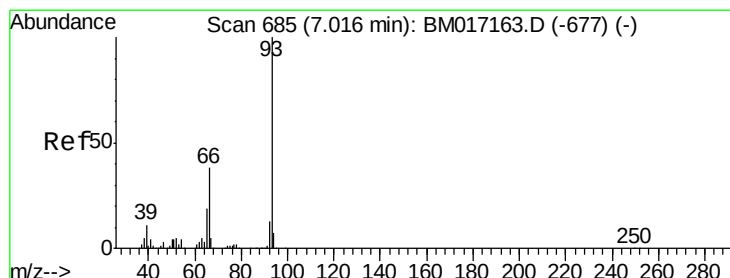
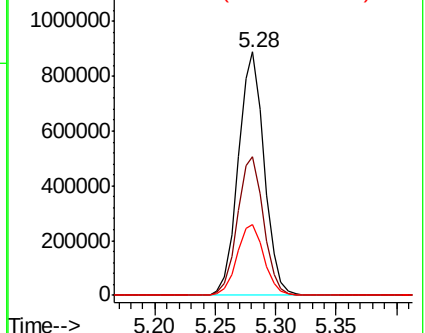
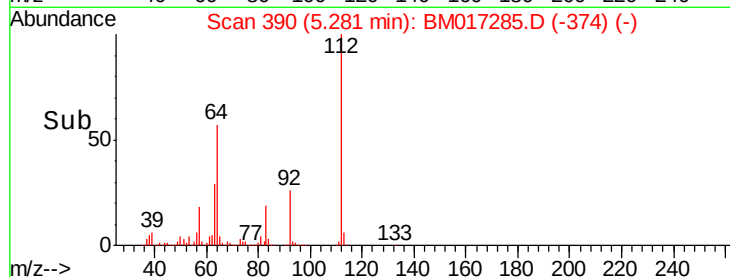
63 29.3 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 41.820 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

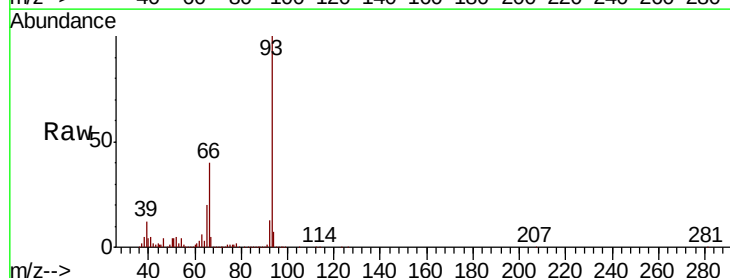
Tgt Ion: 93 Resp: 1055003

Ion Ratio Lower Upper

93 100

66 39.5 30.4 45.6

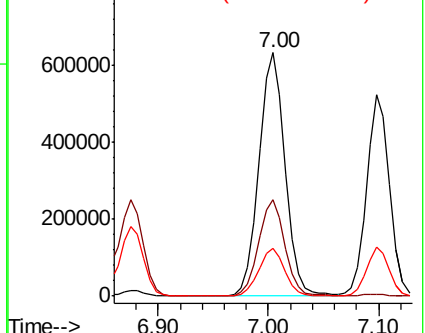
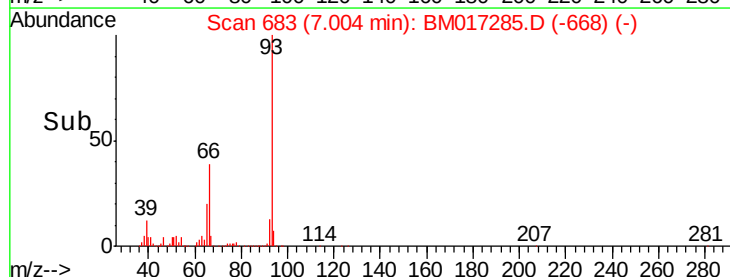
65 19.6 15.3 22.9

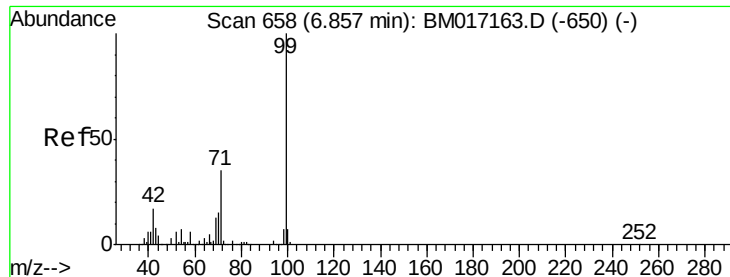


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 89.219 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Instrument :

BNA_M

ClientSampled :

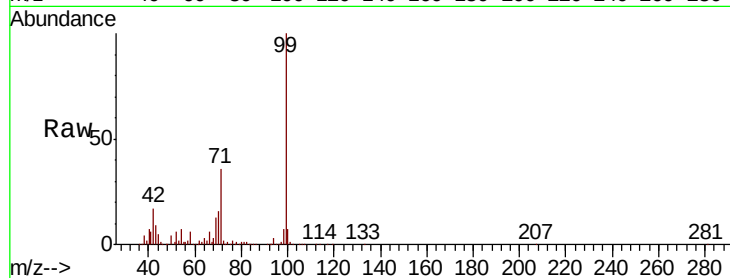
Tot Ion: 99 Resp: 1799441

Ion Ratio Lower Upper

99 100

42 17.5 13.3 19.9

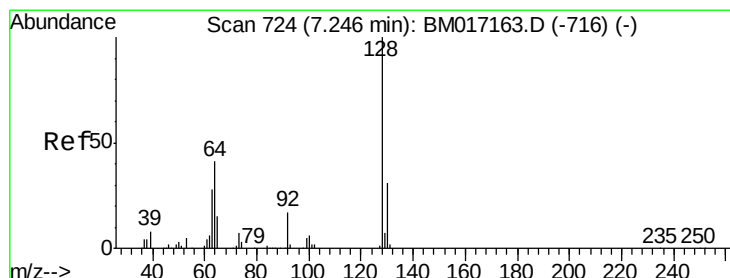
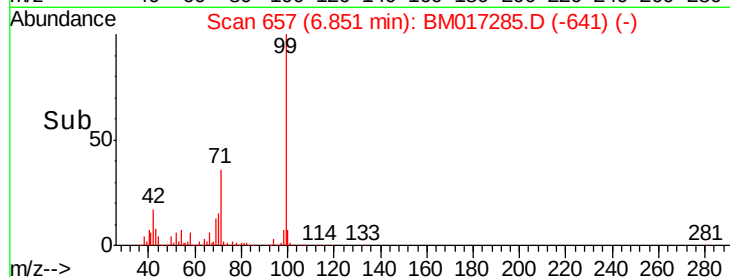
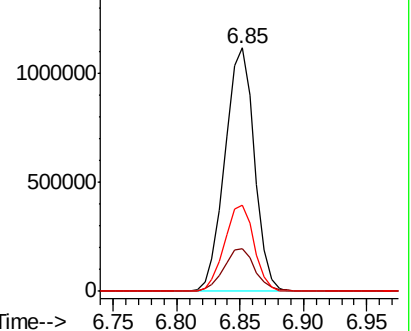
71 35.6 28.0 42.0



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

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

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



#8

2-Chlorophenol

Concen: 45.080 ng

RT: 7.23 min Scan# 722

Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

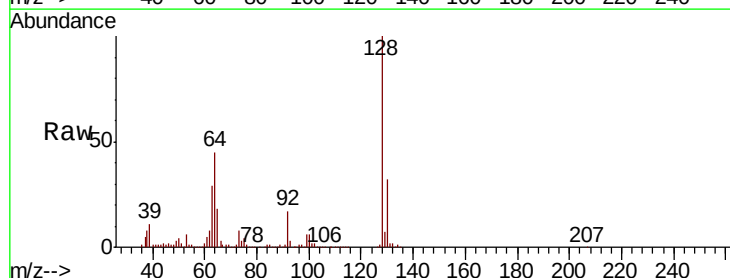
Tgt Ion:128 Resp: 772315

Ion Ratio Lower Upper

128 100

130 32.2 11.0 51.0

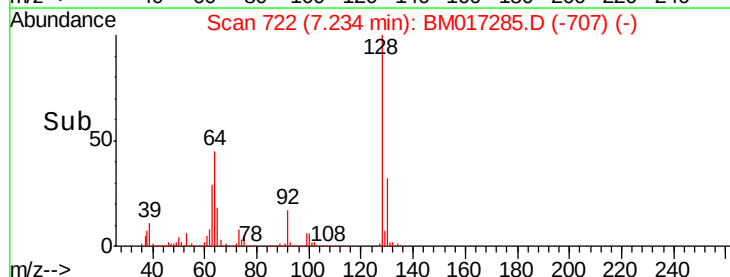
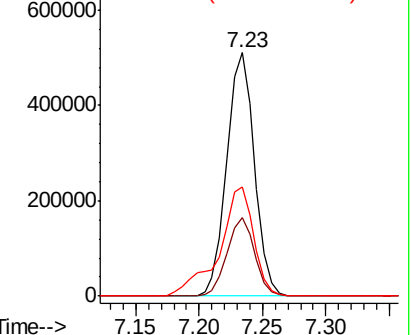
64 45.1 24.1 64.1

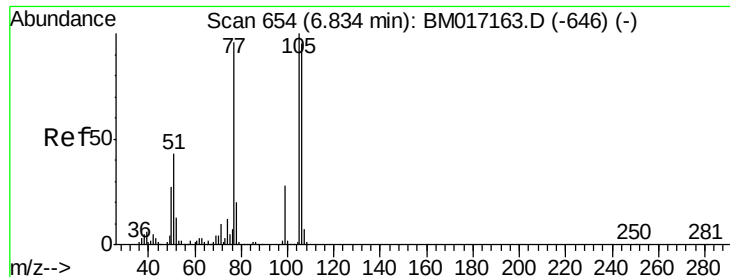


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

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

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





#9

Benzaldehyde

Concen: 38.490 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Instrument :

BNA_M

ClientSampleId :

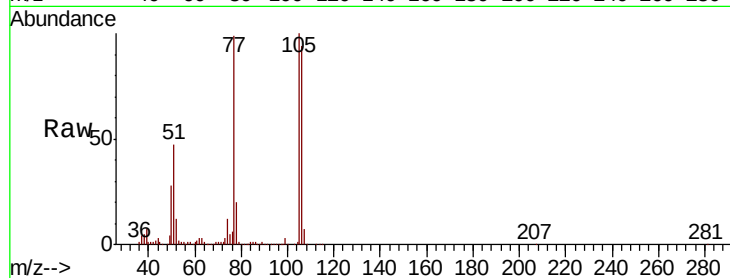
Tot Ion: 77 Resp: 494976

Ion Ratio Lower Upper

77 100

105 101.3 83.9 123.9

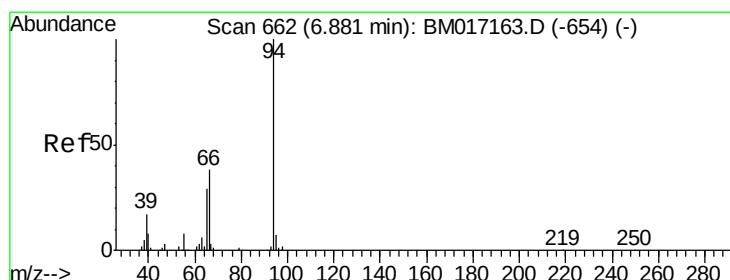
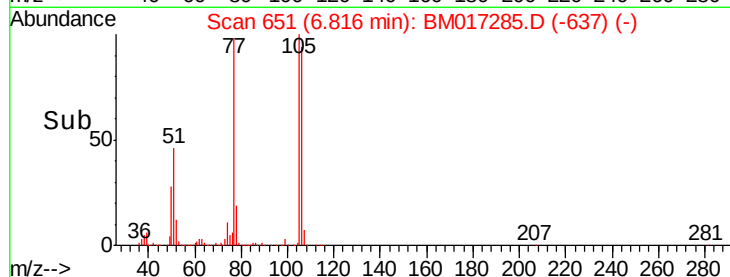
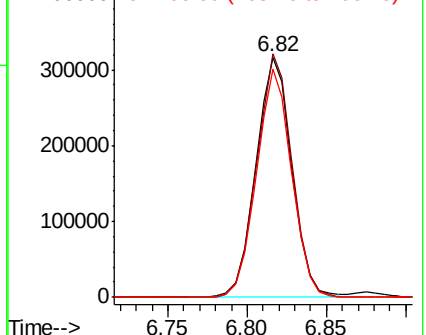
106 94.9 78.2 118.2



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

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

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



#10

Phenol

Concen: 43.559 ng

RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

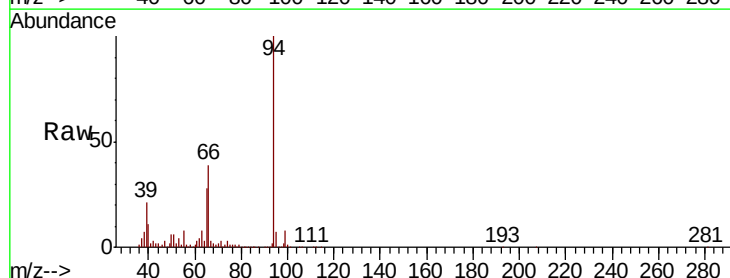
Tgt Ion: 94 Resp: 945504

Ion Ratio Lower Upper

94 100

65 28.2 9.4 49.4

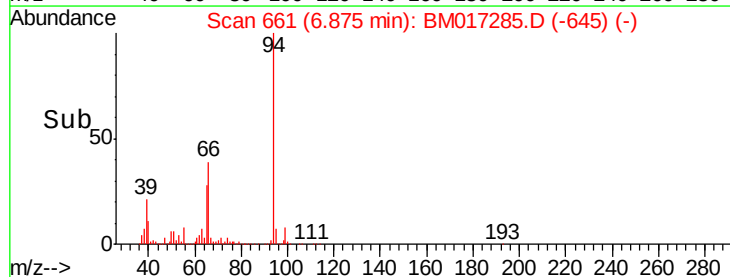
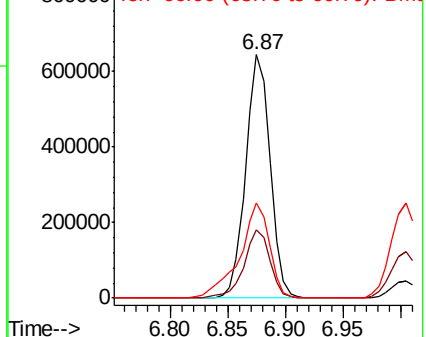
66 39.2 19.0 59.0

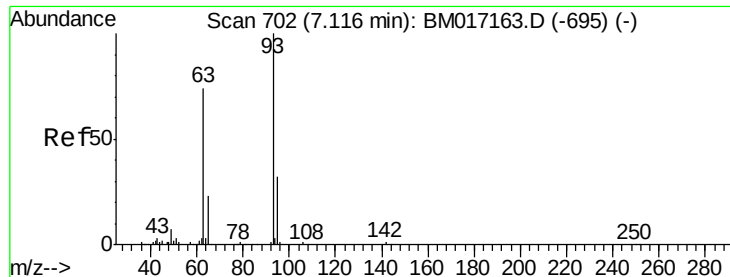


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

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

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

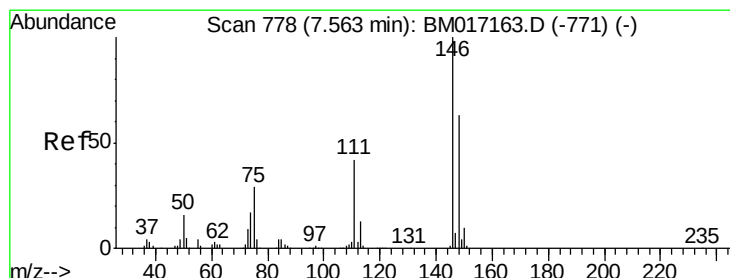
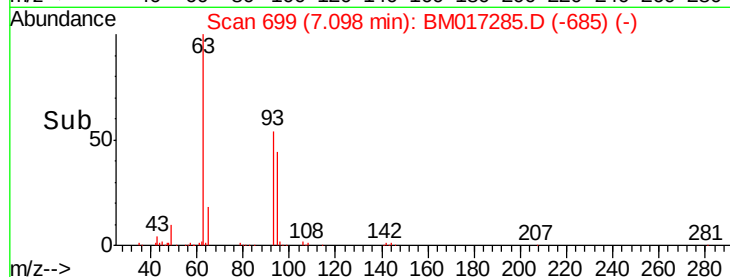
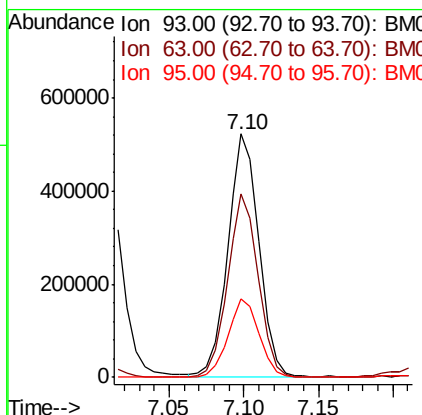
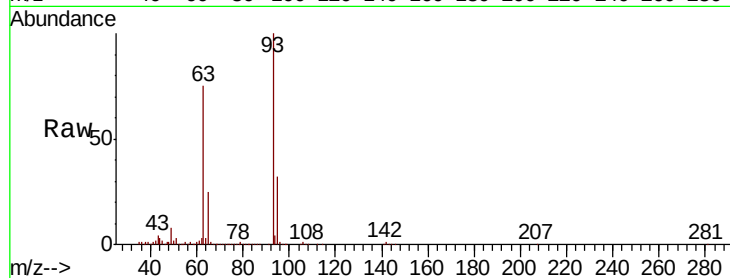




#11
bis(2-Chloroethyl)ether
Concen: 43.568 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.02 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

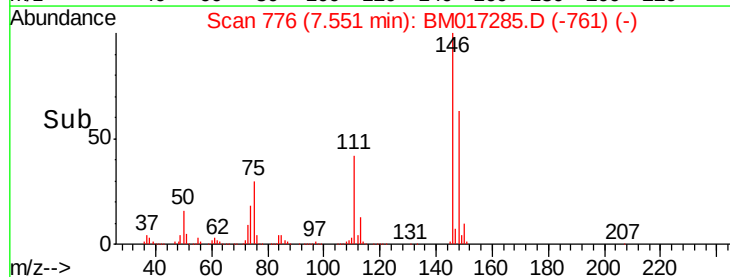
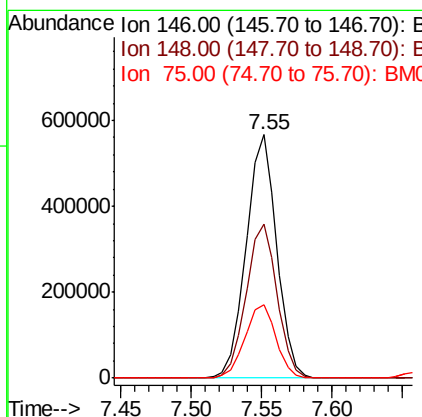
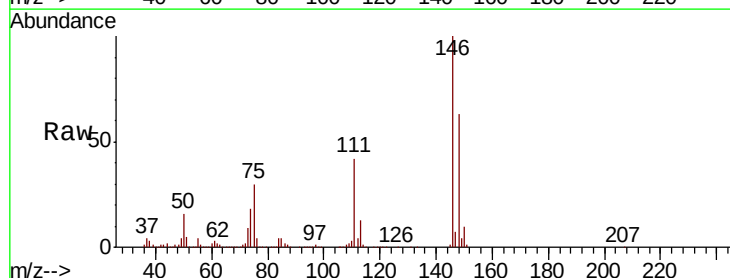
Instrument :
BNA_M
ClientSampleId :

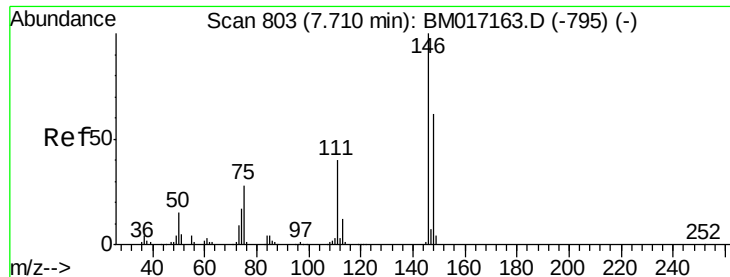
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.4	54.0	94.0
95	32.0	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 42.904 ng
RT: 7.55 min Scan# 776
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.2	75.4
75	30.3	23.3	34.9

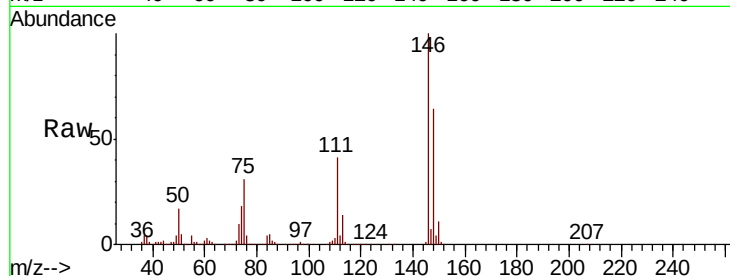




#13
 1,4-Dichlorobenzene
 Concen: 42.558 ng
 RT: 7.70 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BM017285.D
 Acq: 23 Oct 2018 15:22

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	49.8	74.6
111	41.0	32.1	48.1

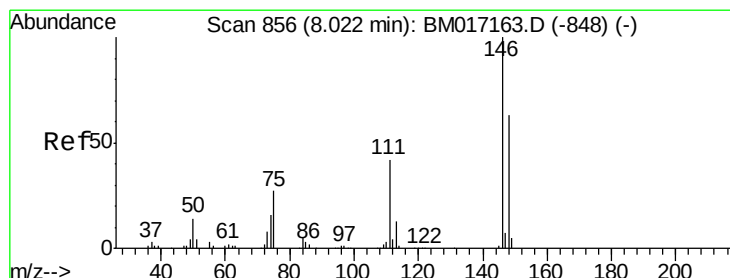
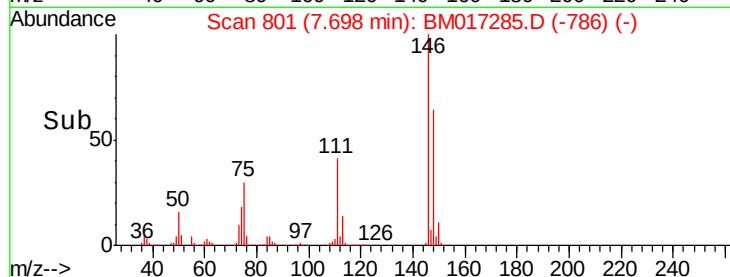
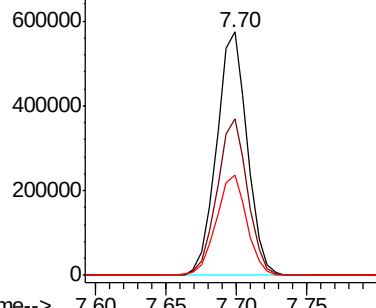


Abundance

Ion 146.00 (145.70 to 146.70): E

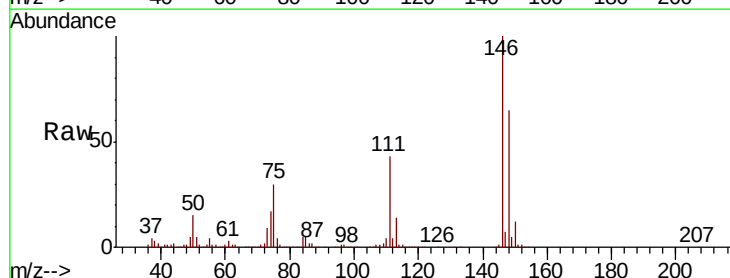
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 43.117 ng
 RT: 8.01 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BM017285.D
 Acq: 23 Oct 2018 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	42.6	33.8	50.6

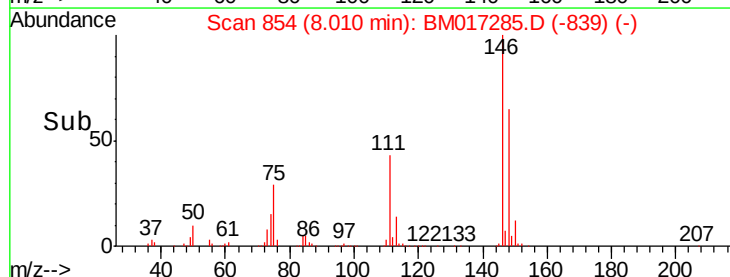
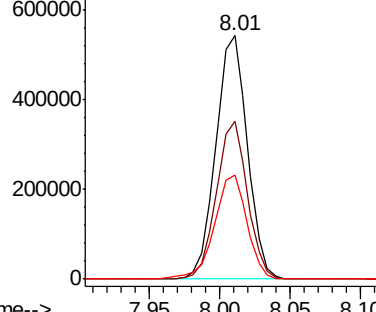


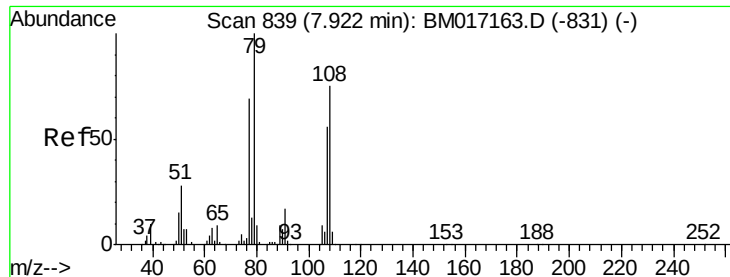
Abundance

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: 48.605 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Instrument :

BNA_M

ClientSampled :

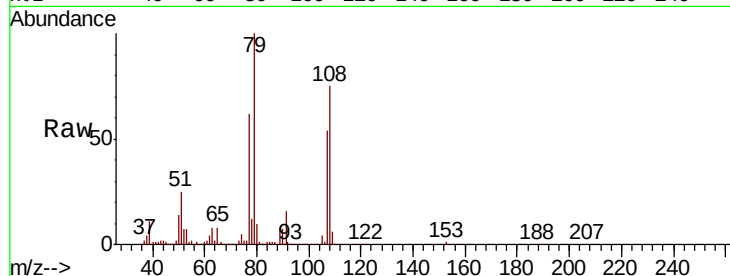
Tot Ion: 79 Resp: 716556

Ion Ratio Lower Upper

79 100

108 75.0 60.3 90.5

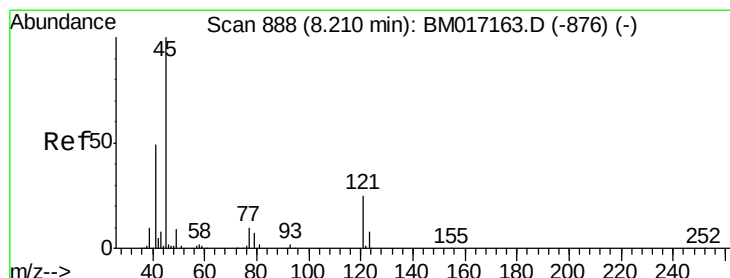
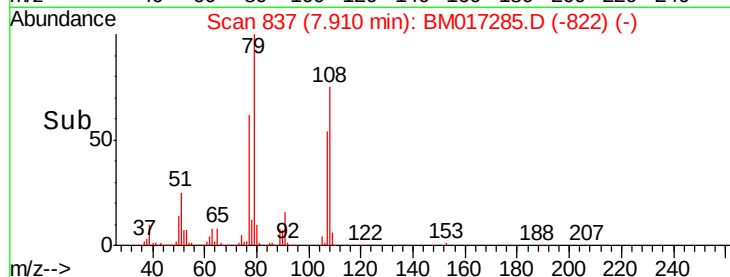
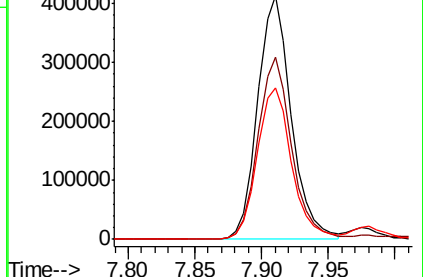
77 62.2 54.8 82.2



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM017163.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-831) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.101 ng

RT: 8.19 min Scan# 884

Delta R.T. -0.02 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

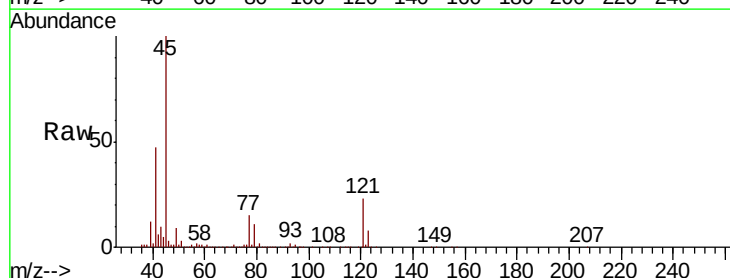
Tgt Ion: 45 Resp: 993601

Ion Ratio Lower Upper

45 100

77 15.1 0.0 35.5

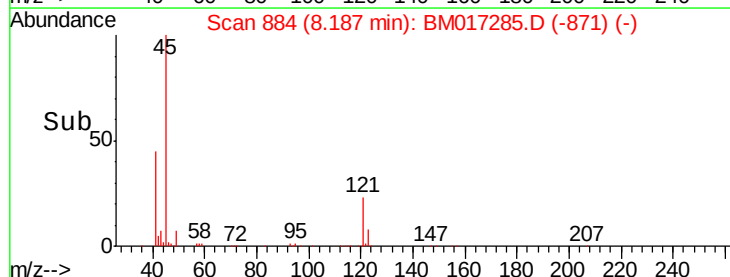
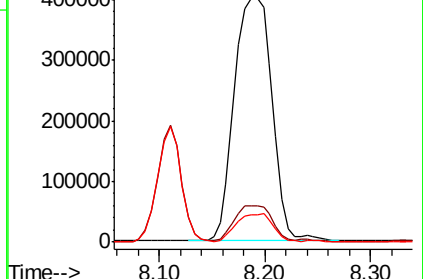
79 11.1 0.0 32.1

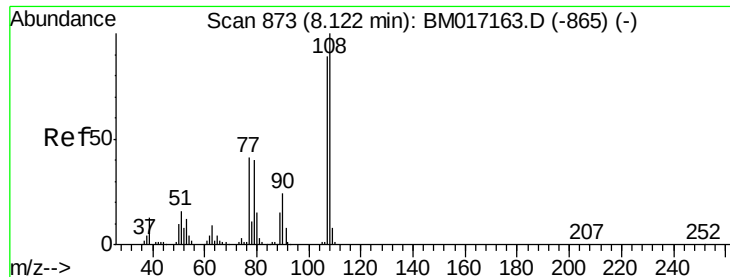


Abundance Ion 45.00 (44.70 to 45.70): BM017163.D (-876) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-876) (-)

Ion 79.00 (78.70 to 79.70): BM017163.D (-876) (-)





#17

2-Methylphenol

Concen: 45.622 ng

RT: 8.11 min Scan# 871

Delta R.T. -0.01 min

Lab File: BM017285.D

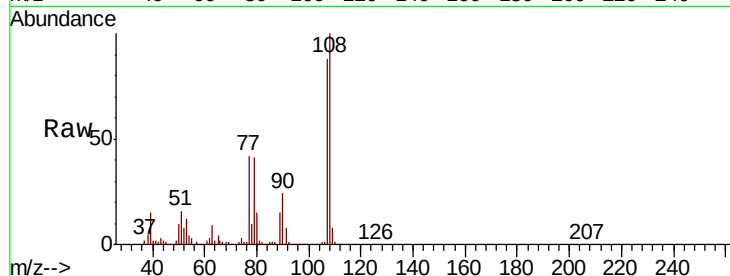
Acq: 23 Oct 2018 15:22

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	107	Resp:	635627
Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.3	135.5
77	47.5	37.0	55.4
79	46.5	35.8	53.6



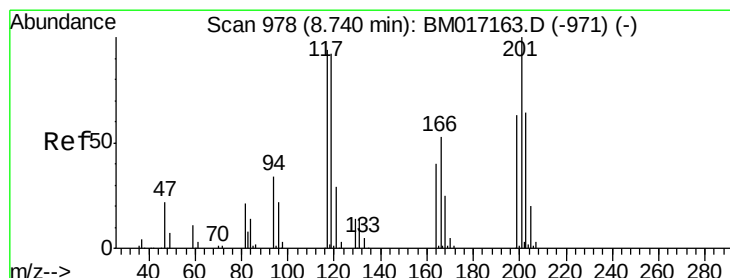
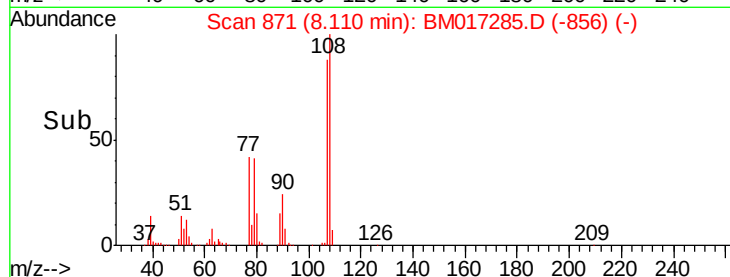
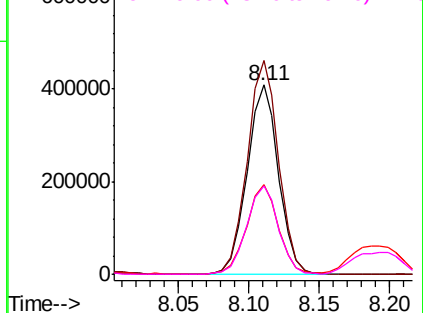
Abundance

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: 44.303 ng

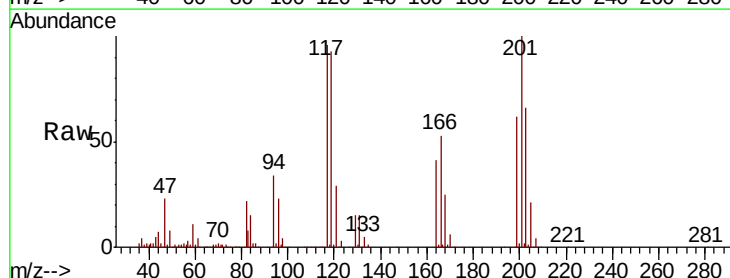
RT: 8.72 min Scan# 975

Delta R.T. -0.02 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Tgt Ion:	117	Resp:	309357
Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.2	117.2
201	104.4	85.3	127.9

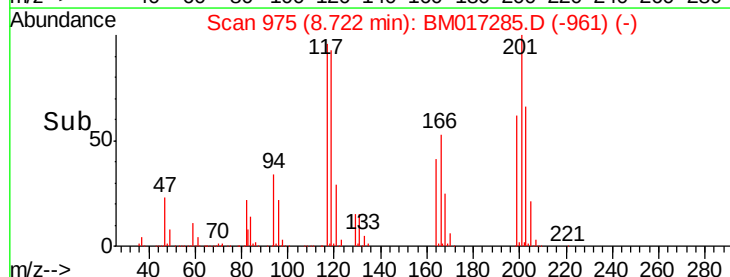
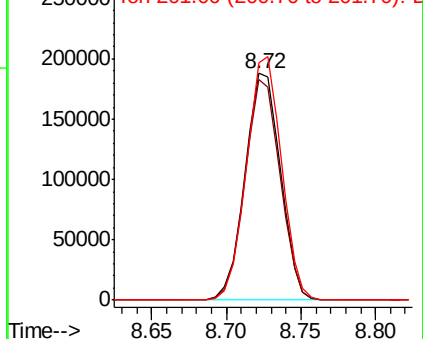


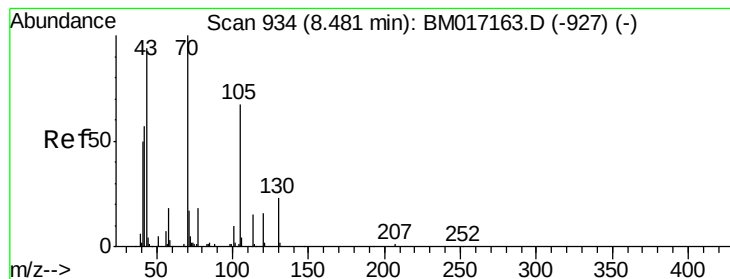
Abundance

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: 46.678 ng

RT: 8.47 min Scan# 932

Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 619899

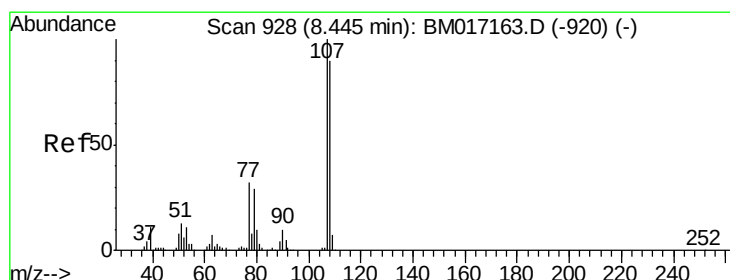
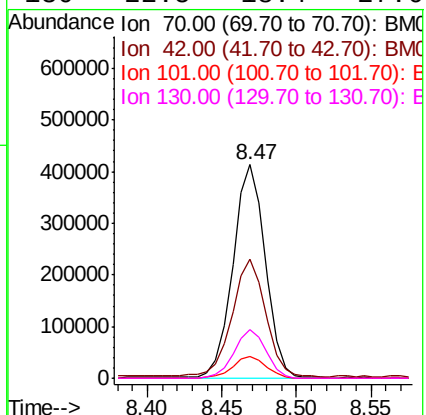
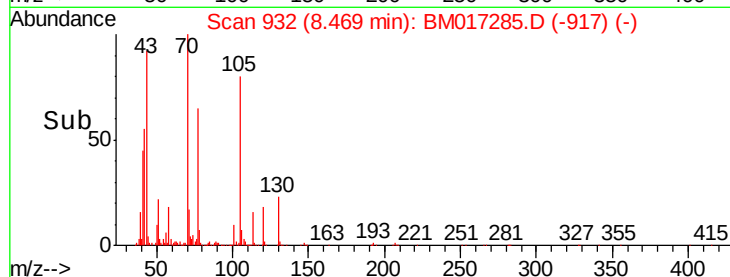
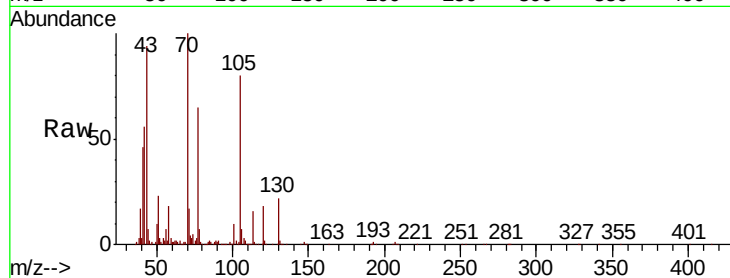
Ion Ratio Lower Upper

70 100

42 55.8 46.1 69.1

101 10.0 8.2 12.4

130 22.5 18.4 27.6



#20

3+4-Methylphenols

Concen: 47.042 ng

RT: 8.44 min Scan# 927

Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Tgt Ion: 107 Resp: 896435

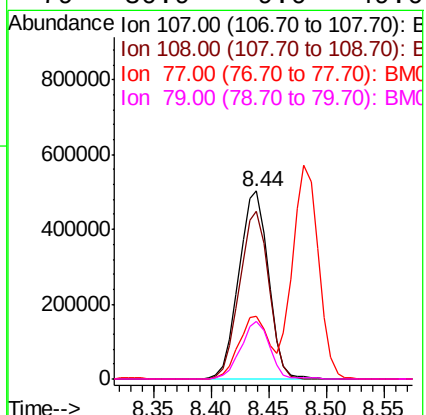
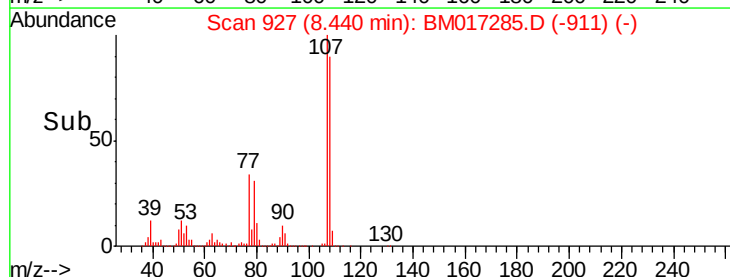
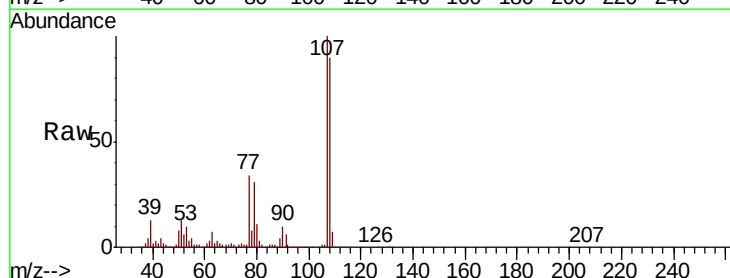
Ion Ratio Lower Upper

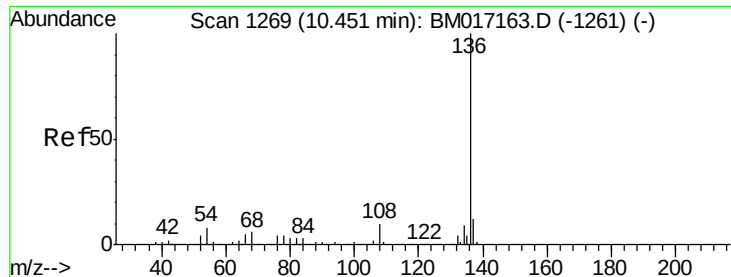
107 100

108 89.5 69.9 109.9

77 33.7 12.2 52.2

79 30.9 9.0 49.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 1119449

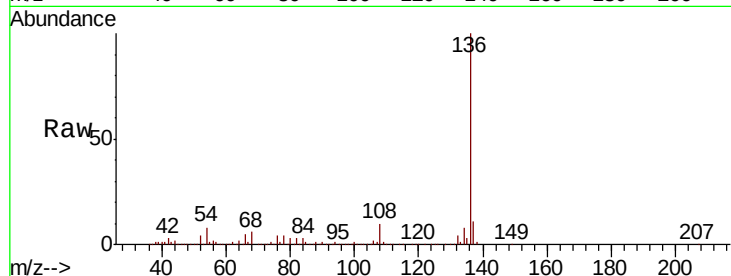
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.8 6.7 10.1

68 6.0 4.7 7.1

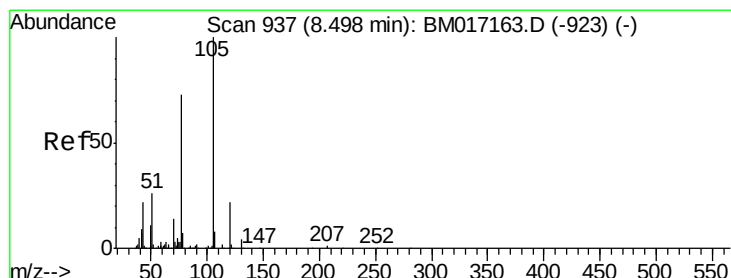
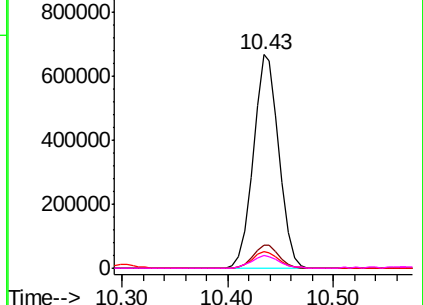
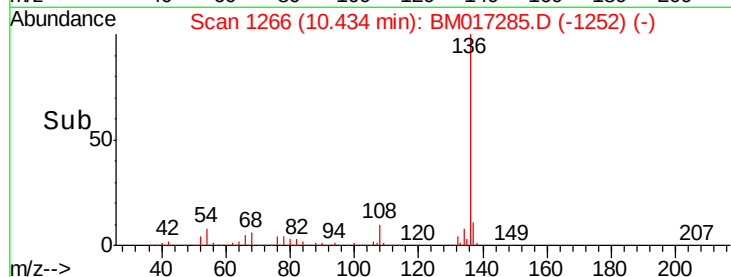


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 42.128 ng

RT: 8.48 min Scan# 934

Delta R.T. -0.02 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Tgt Ion:105 Resp: 1195438

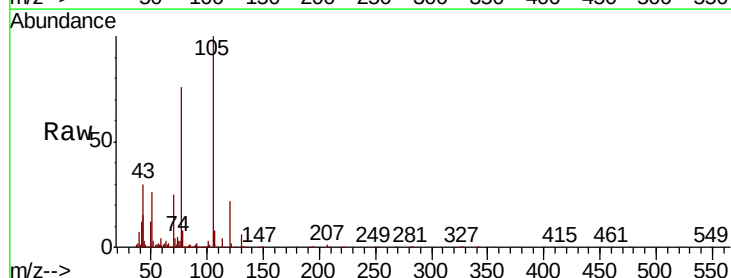
Ion Ratio Lower Upper

105 100

71 4.2 2.0 3.0#

51 25.8 20.6 31.0

120 22.0 17.5 26.3

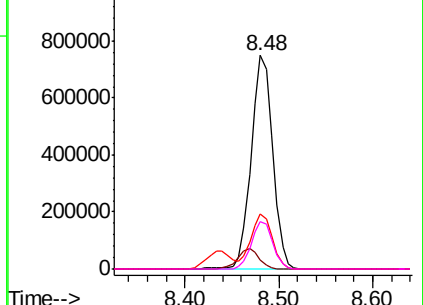
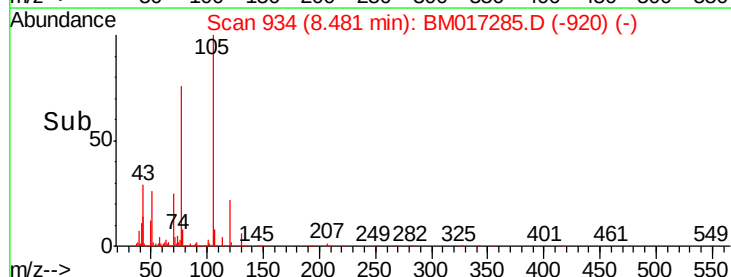


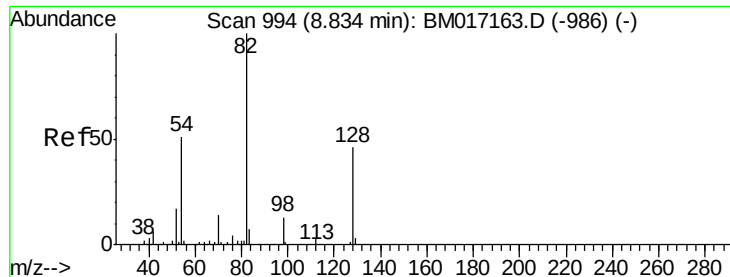
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

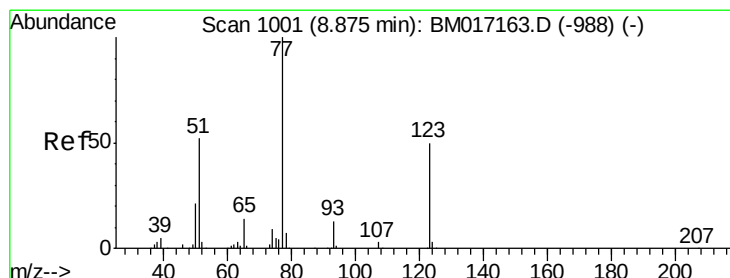
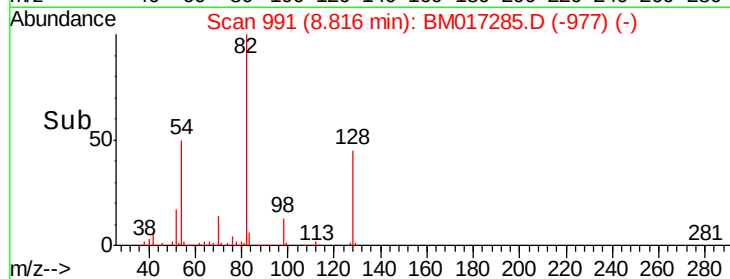
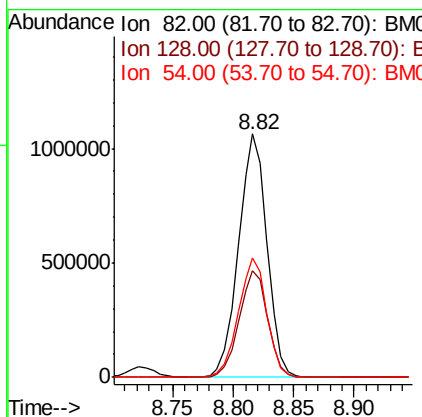
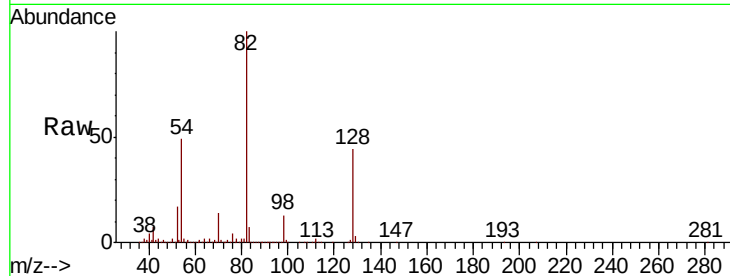




#23
 Nitrobenzene-d5
 Concen: 90.702 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BM017285.D
 Acq: 23 Oct 2018 15:22

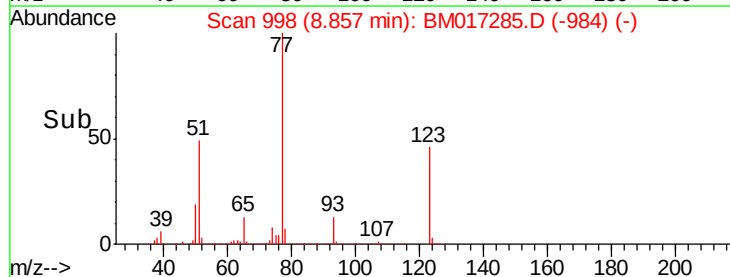
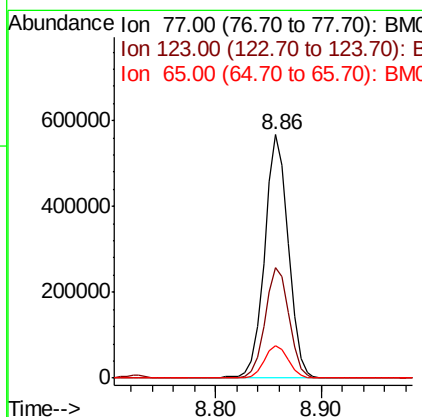
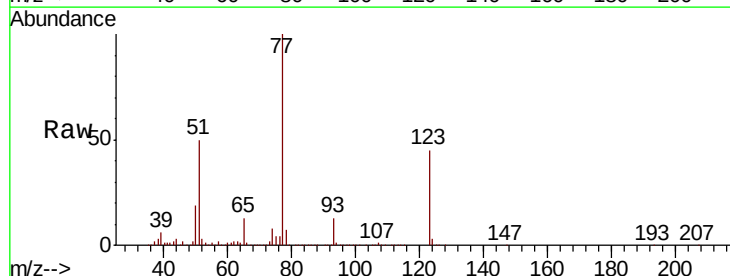
Instrument :
 BNA_M
 ClientSampleId :

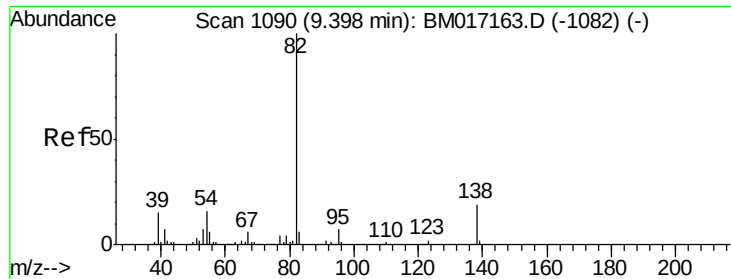
Tot Ion: 82 Resp: 1736096
 Ion Ratio Lower Upper
 82 100
 128 43.8 37.0 55.6
 54 49.1 40.7 61.1



#24
 Nitrobenzene
 Concen: 43.385 ng
 RT: 8.86 min Scan# 998
 Delta R.T. -0.02 min
 Lab File: BM017285.D
 Acq: 23 Oct 2018 15:22

Tgt Ion: 77 Resp: 878386
 Ion Ratio Lower Upper
 77 100
 123 45.5 40.2 60.4
 65 13.3 11.4 17.0





#25

Isophorone

Concen: 45.966 ng

RT: 9.38 min Scan# 1087

Delta R.T. -0.02 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Instrument :

BNA_M

ClientSampleId :

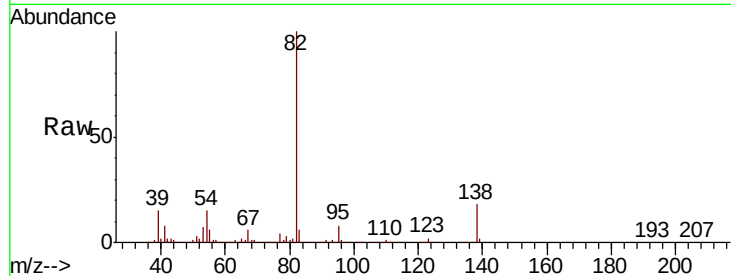
Tot Ion: 82 Resp: 1452827

Ion Ratio Lower Upper

82 100

95 7.8 6.0 9.0

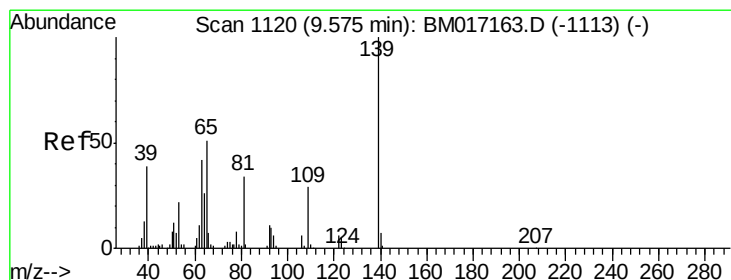
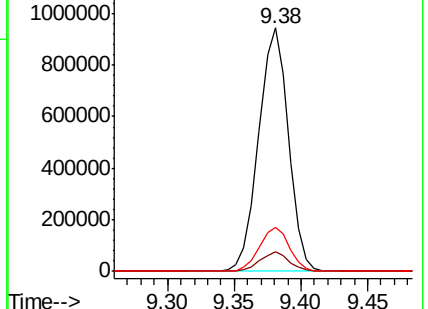
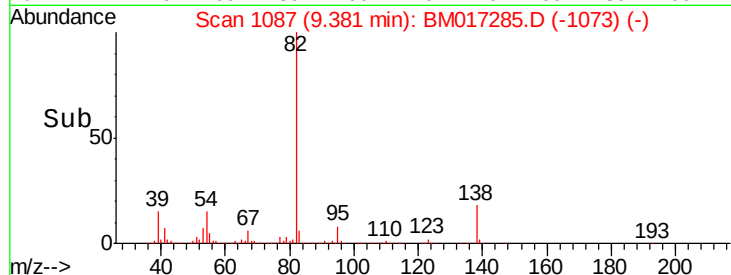
138 18.3 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BM017285.D (-1082) (-)

Ion 95.00 (94.70 to 95.70): BM017285.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BM017285.D (-1082) (-)



#26

2-Nitrophenol

Concen: 48.683 ng

RT: 9.56 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

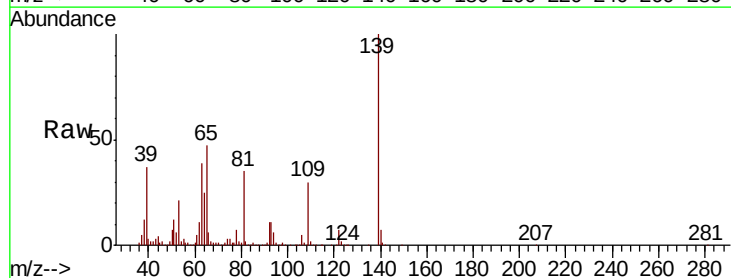
Tgt Ion: 139 Resp: 462175

Ion Ratio Lower Upper

139 100

109 29.6 23.2 34.8

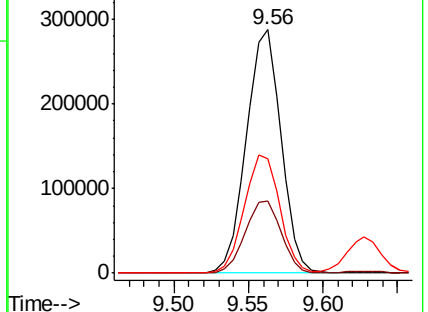
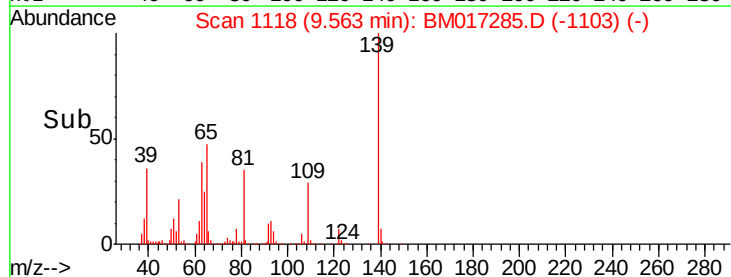
65 46.8 40.6 61.0

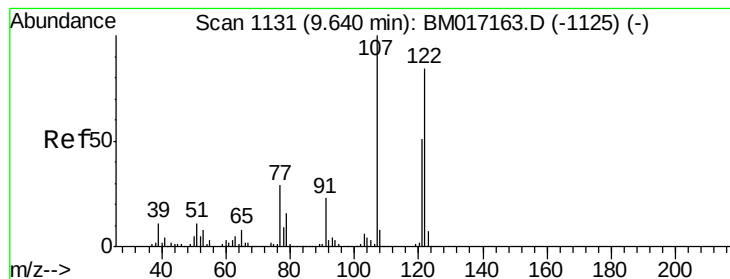


Abundance Ion 139.00 (138.70 to 139.70): BM017285.D (-1113) (-)

Ion 109.00 (108.70 to 109.70): BM017285.D (-1113) (-)

Ion 65.00 (64.70 to 65.70): BM017285.D (-1113) (-)





#27

2,4-Dimethylphenol

Concen: 45.998 ng

RT: 9.63 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Instrument :

BNA_M

ClientSampleId :

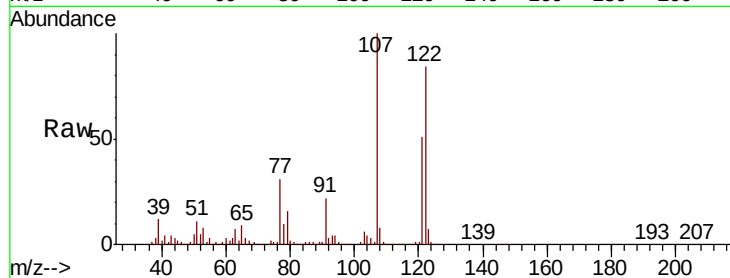
Tot Ion:122 Resp: 642857

Ion Ratio Lower Upper

122 100

107 119.0 95.0 142.6

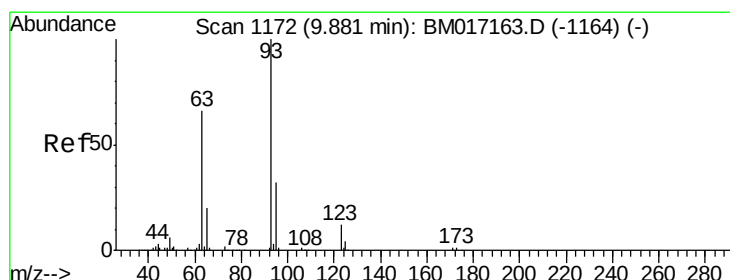
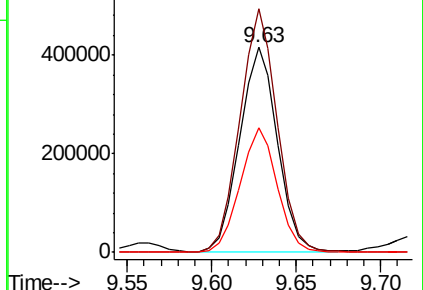
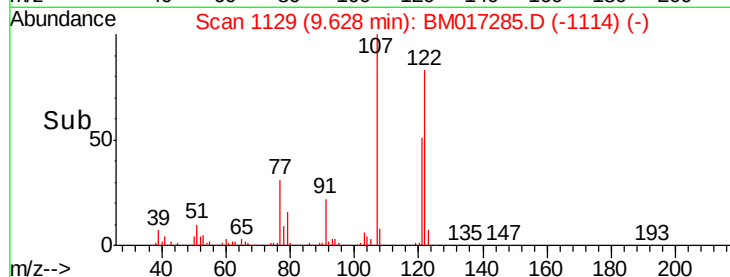
121 60.7 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.702 ng

RT: 9.86 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

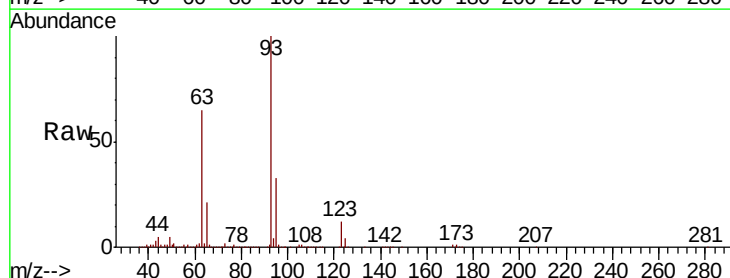
Tgt Ion: 93 Resp: 972193

Ion Ratio Lower Upper

93 100

95 32.8 25.7 38.5

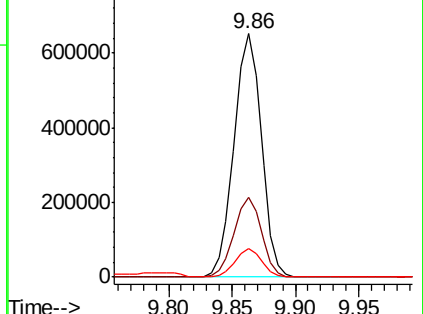
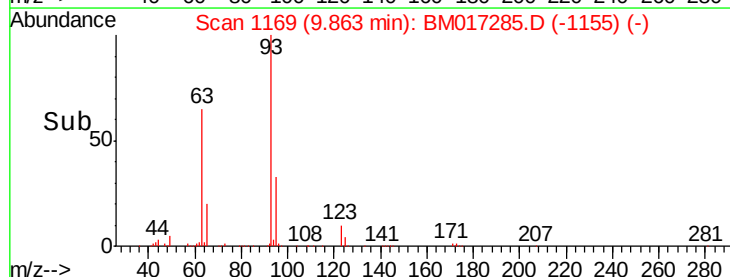
123 11.7 9.4 14.0

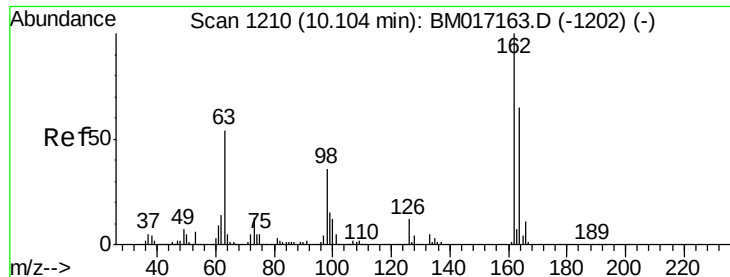


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

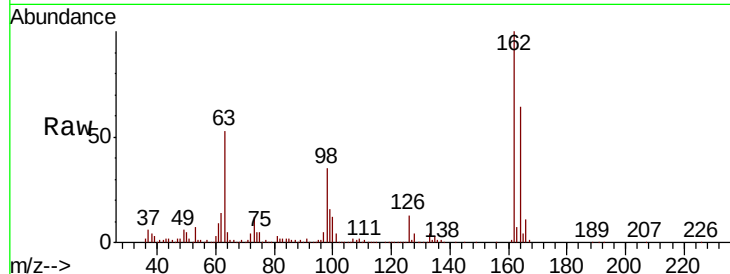




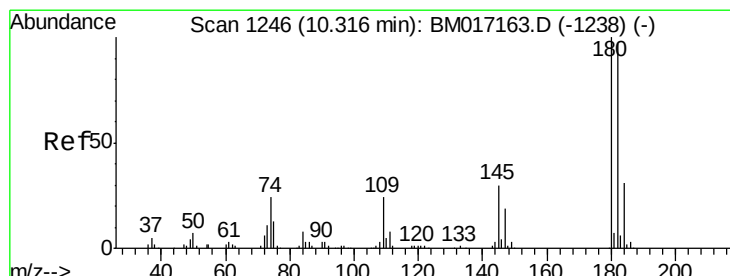
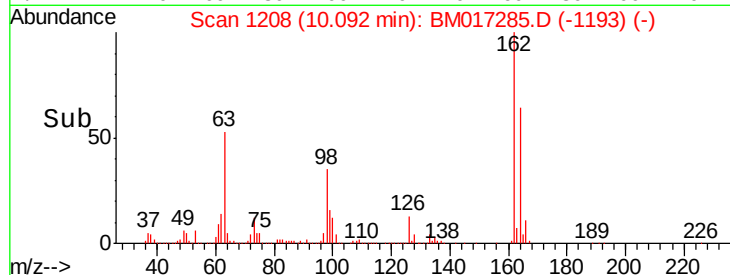
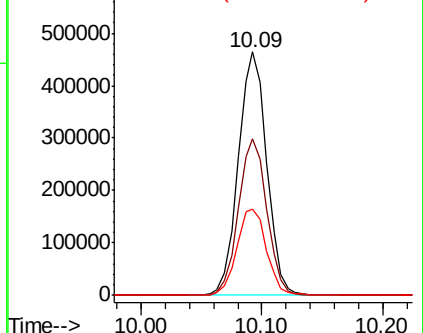
#29
2,4-Dichlorophenol
Concen: 46.963 ng
RT: 10.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 762058
Ion Ratio Lower Upper
162 100
164 64.2 44.9 84.9
98 35.4 15.8 55.8

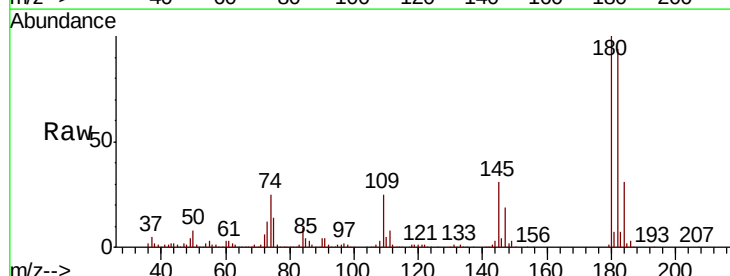


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

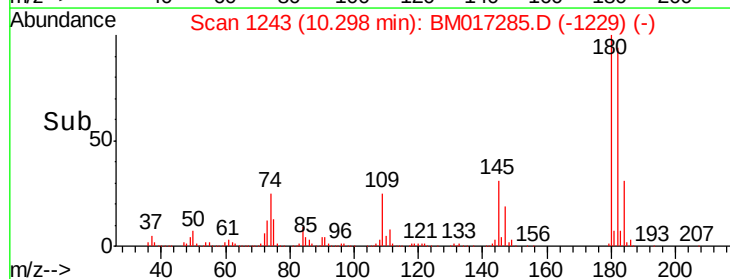
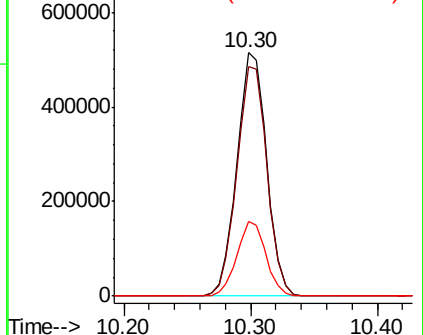


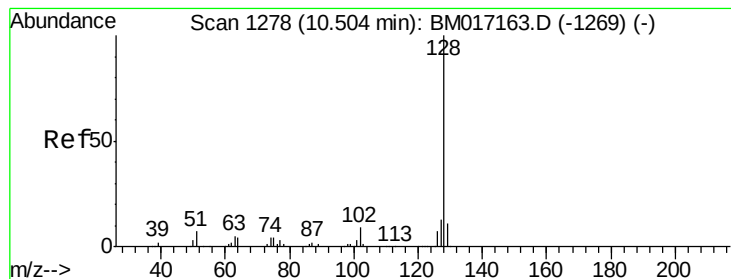
#30
1,2,4-Trichlorobenzene
Concen: 42.788 ng
RT: 10.30 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Tgt Ion:180 Resp: 832919
Ion Ratio Lower Upper
180 100
182 94.4 77.5 116.3
145 30.9 24.0 36.0



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





#31

Naphthalene

Concen: 41.670 ng

RT: 10.49 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Instrument :

BNA_M

ClientSampleId :

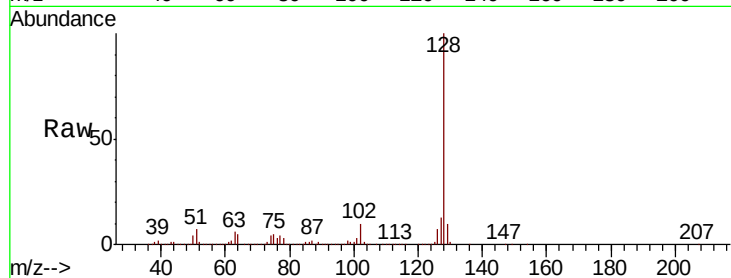
Tot Ion:128 Resp: 2286014

Ion Ratio Lower Upper

128 100

129 10.4 8.5 12.7

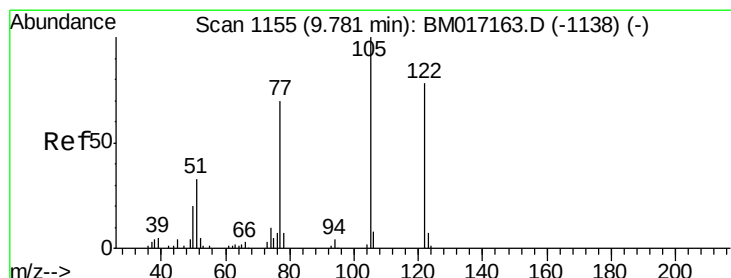
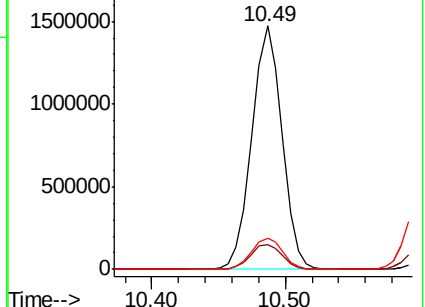
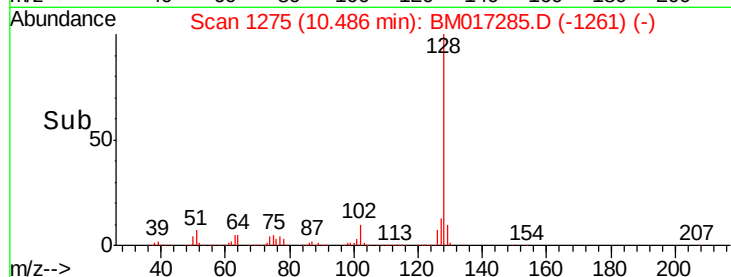
127 12.9 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 60.290 ng

RT: 9.80 min Scan# 1158

Delta R.T. 0.02 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

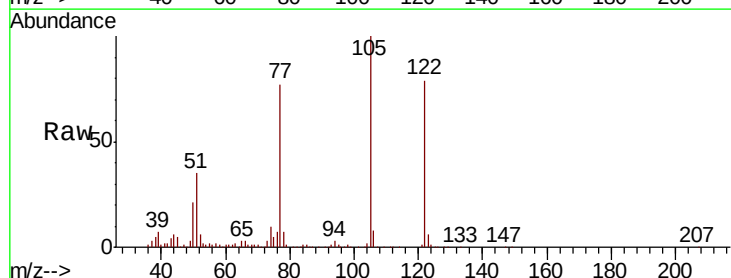
Tgt Ion:122 Resp: 628696

Ion Ratio Lower Upper

122 100

105 127.2 102.0 142.0

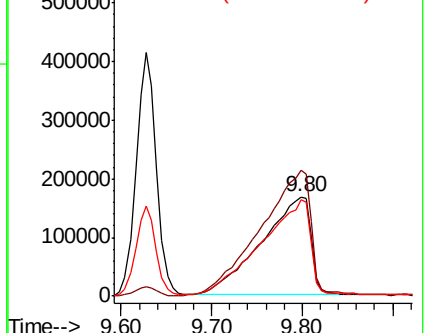
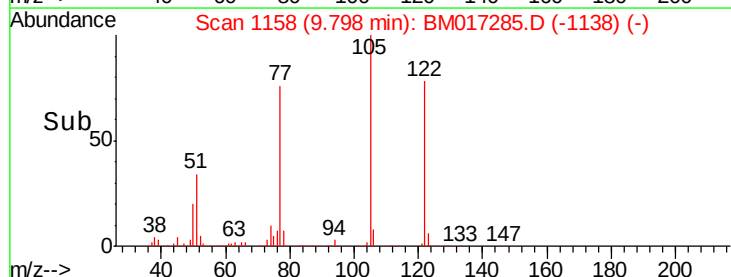
77 97.7 67.7 107.7

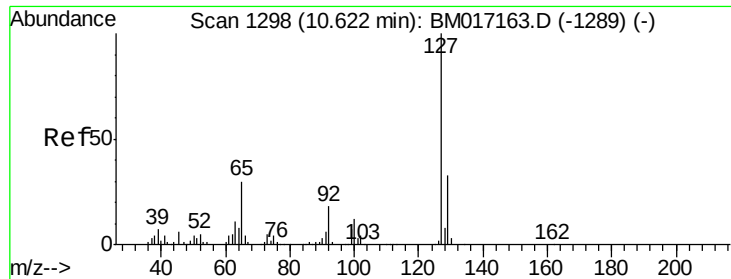


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

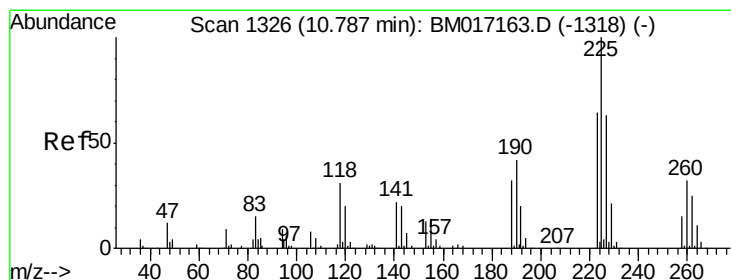
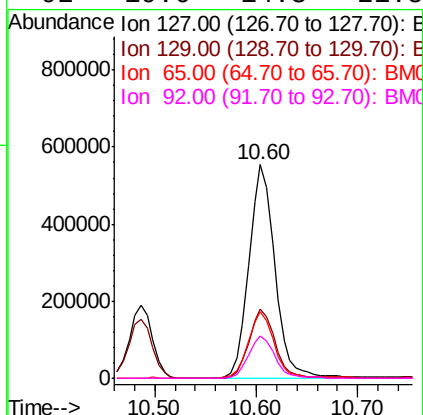
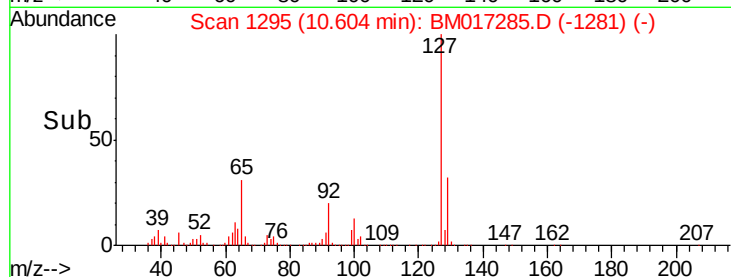
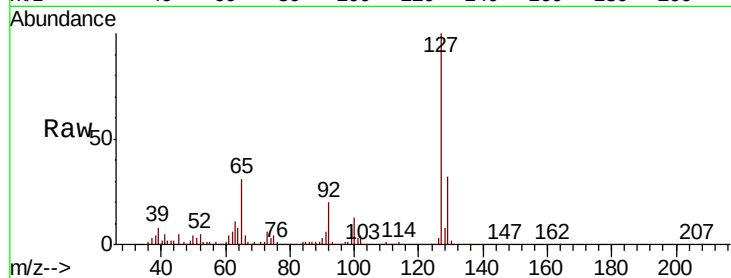




#33
4-Chloroaniline
Concen: 41.673 ng
RT: 10.60 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

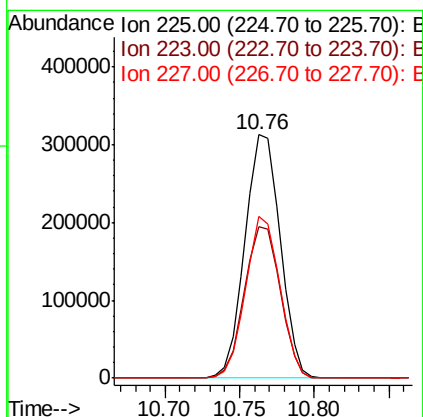
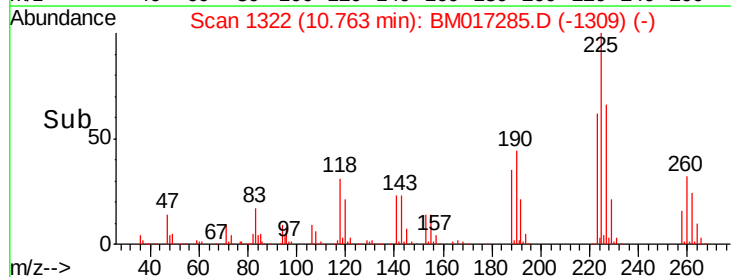
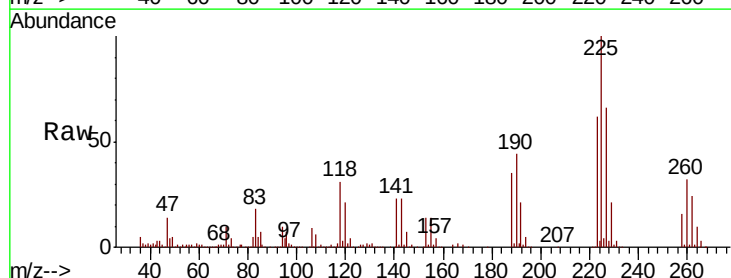
Instrument :
BNA_M
ClientSampleId :

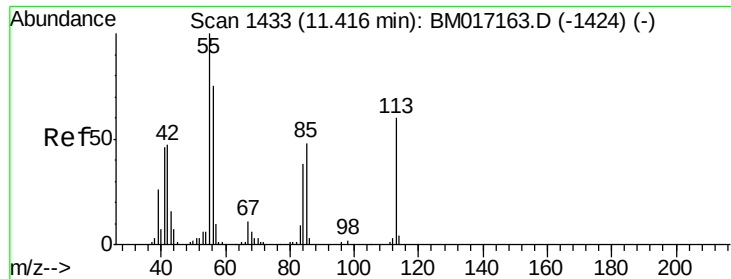
Tot Ion:	127	Resp:	987373
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	31.1	23.7	35.5
92	19.6	14.3	21.5



#34
Hexachlorobutadiene
Concen: 41.583 ng
RT: 10.76 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Tgt Ion:	225	Resp:	512884
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.6
227	66.2	50.8	76.2

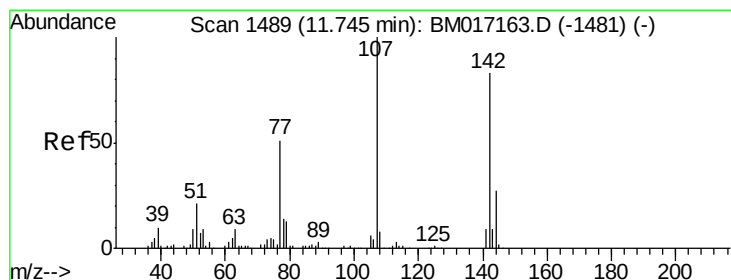
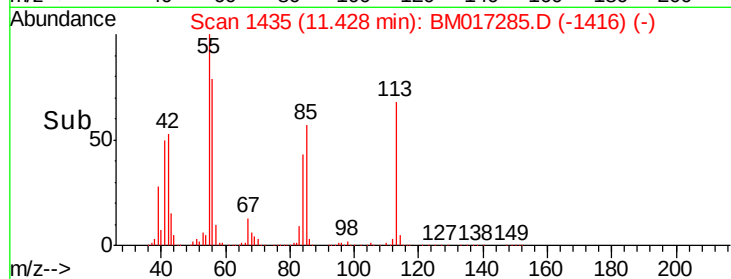
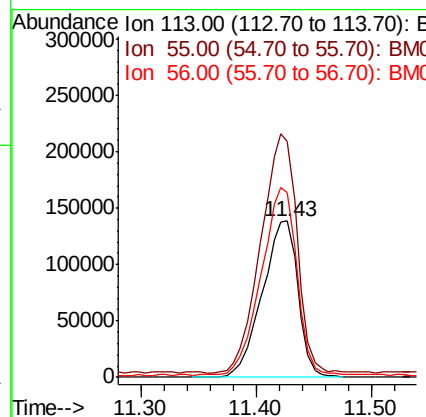
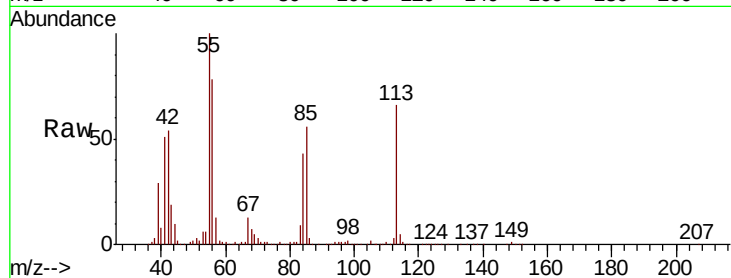




#35
 Caprolactam
 Concen: 50.469 ng
 RT: 11.43 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BM017285.D
 Acq: 23 Oct 2018 15:22

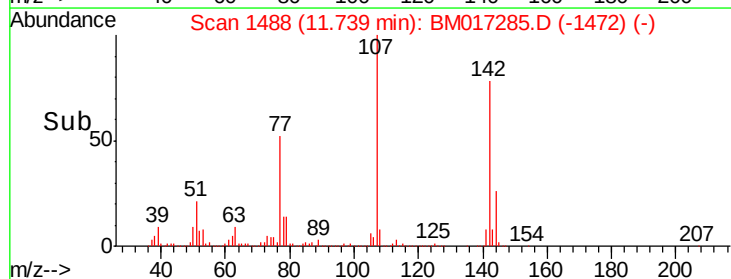
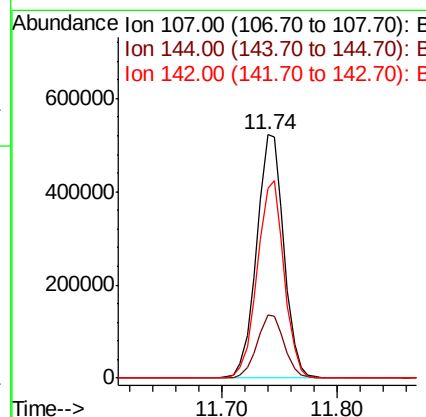
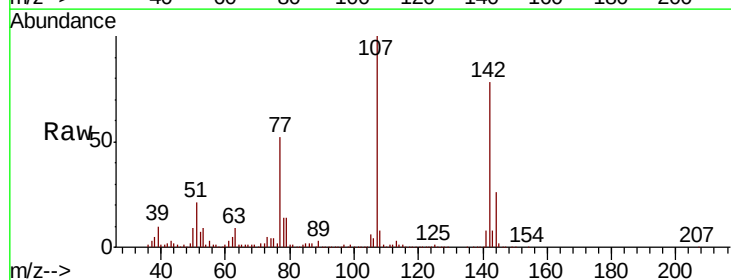
Instrument :
 BNA_M
 ClientSampled :

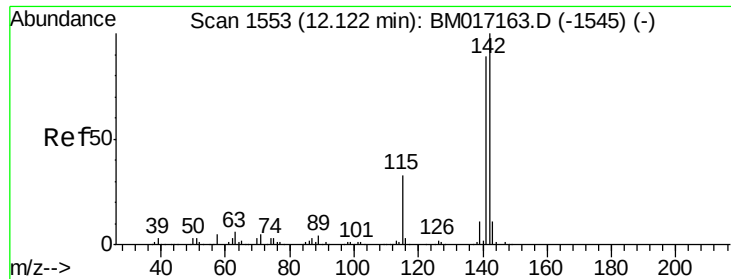
Tot Ion:113 Resp: 298459
 Ion Ratio Lower Upper
 113 100
 55 150.5 147.0 187.0
 56 117.7 104.5 144.5



#36
 4-Chloro-3-methylphenol
 Concen: 46.856 ng
 RT: 11.74 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BM017285.D
 Acq: 23 Oct 2018 15:22

Tgt Ion:107 Resp: 857046
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.6 32.4
 142 78.1 66.0 99.0

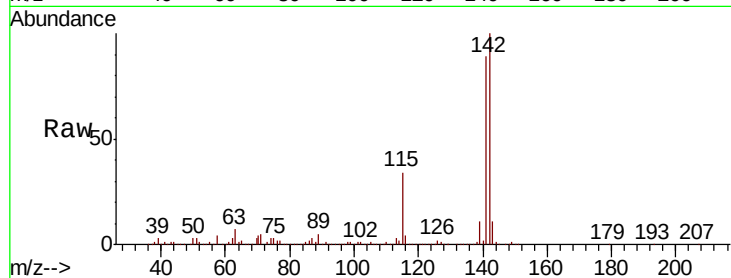




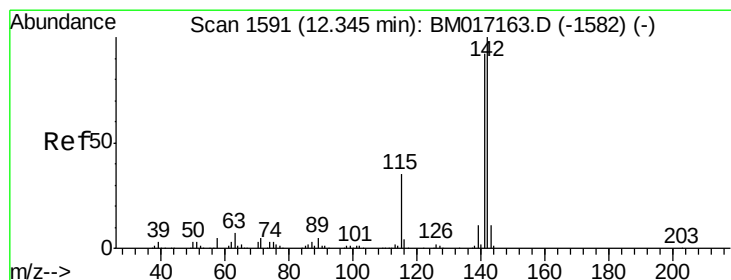
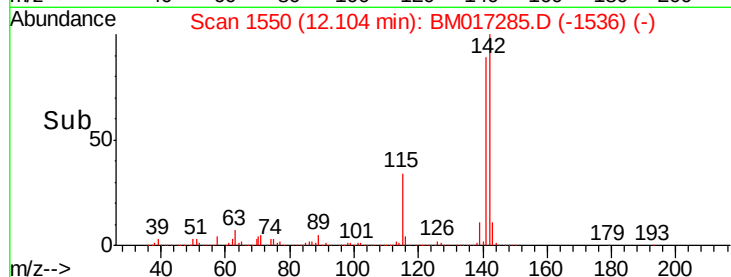
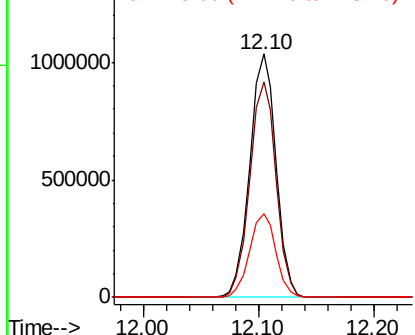
#37
2-Methylnaphthalene
Concen: 43.664 ng
RT: 12.10 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:142 Resp: 1639182
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3
115 34.2 26.4 39.6

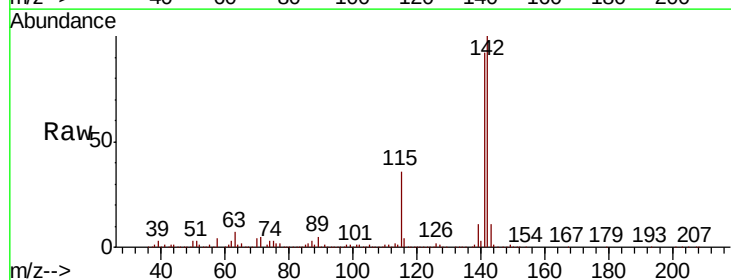


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

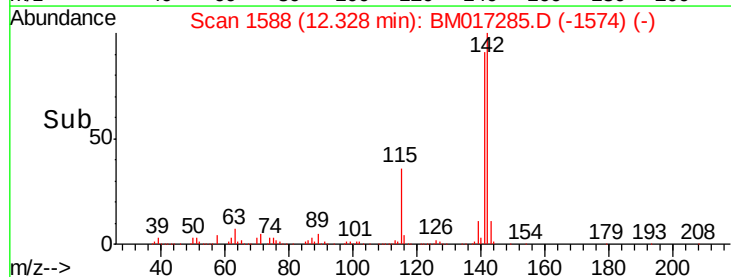
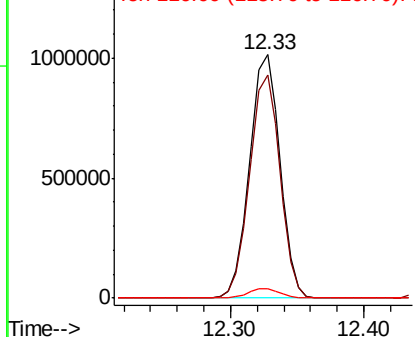


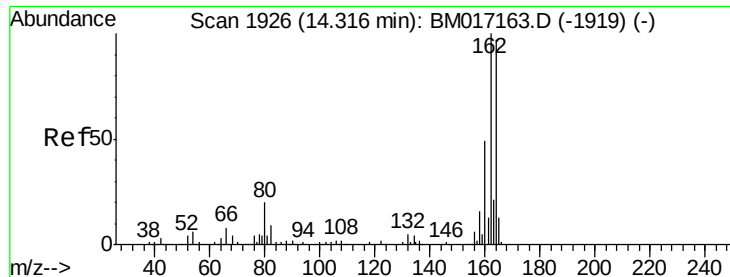
#38
1-Methylnaphthalene
Concen: 43.392 ng
RT: 12.33 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Tgt Ion:142 Resp: 1585454
Ion Ratio Lower Upper
142 100
141 91.5 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

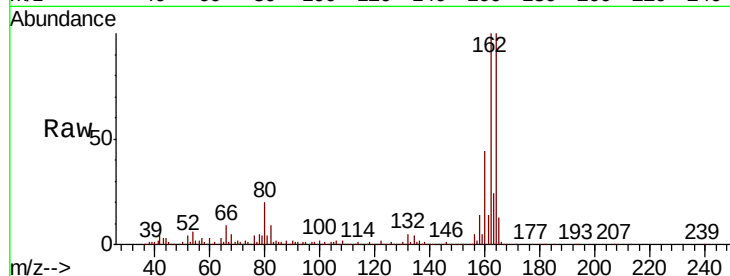




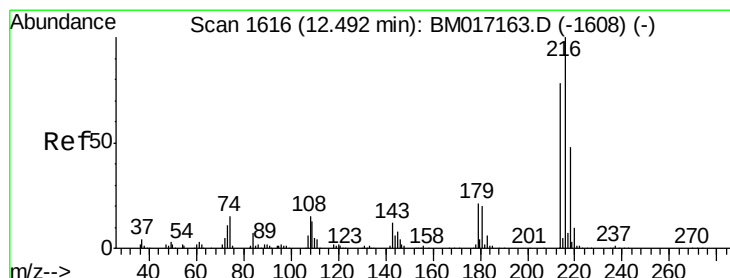
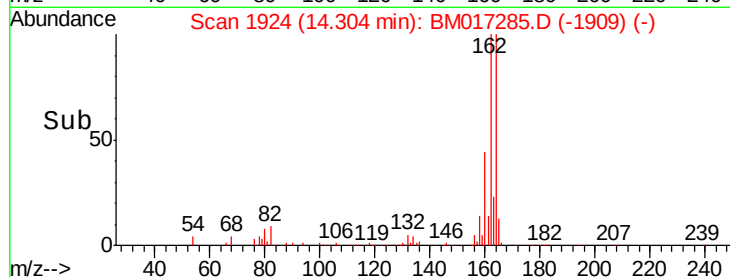
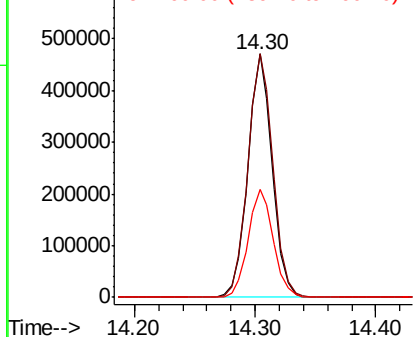
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 656411
Ion Ratio Lower Upper
164 100
162 100.1 82.1 123.1
160 44.2 40.2 60.2

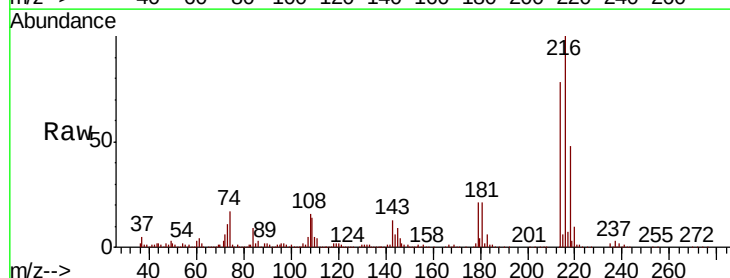


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

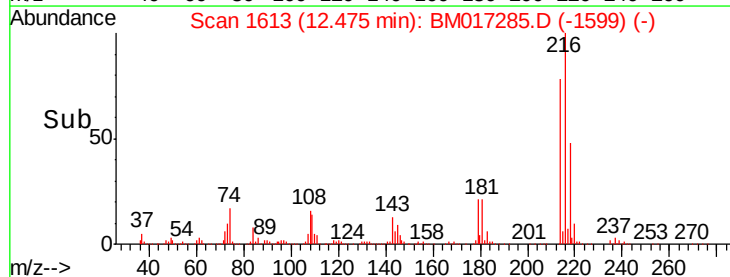
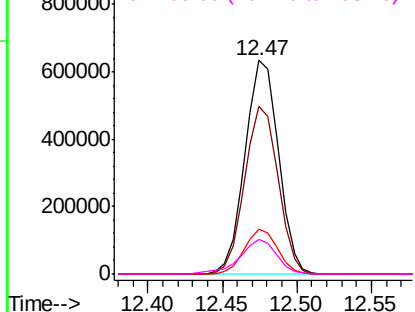


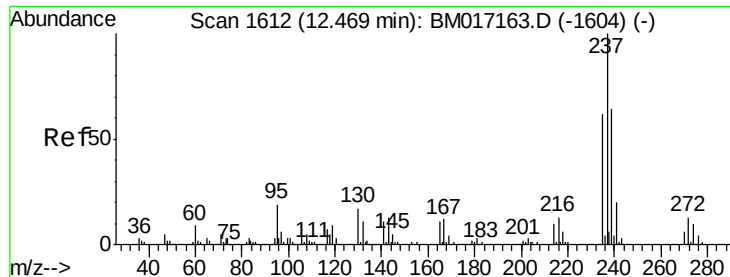
#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.519 ng
RT: 12.47 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Tgt Ion:216 Resp: 982884
Ion Ratio Lower Upper
216 100
214 78.2 62.6 93.8
179 20.8 16.6 24.8
108 17.7 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: 47.229 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Instrument :

BNA_M

ClientSampled :

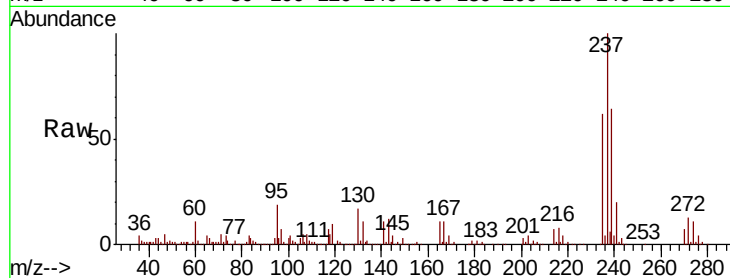
Tot Ion:237 Resp: 527804

Ion Ratio Lower Upper

237 100

235 62.3 42.4 82.4

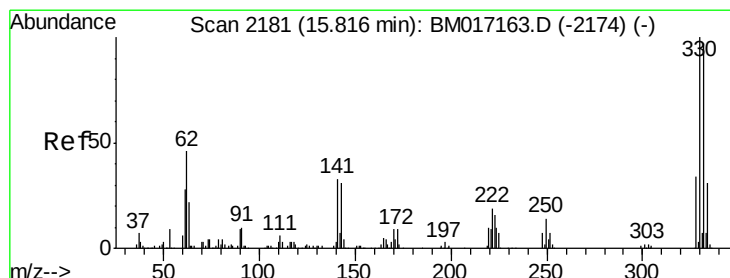
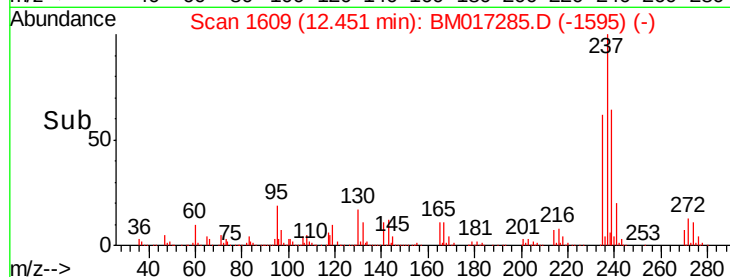
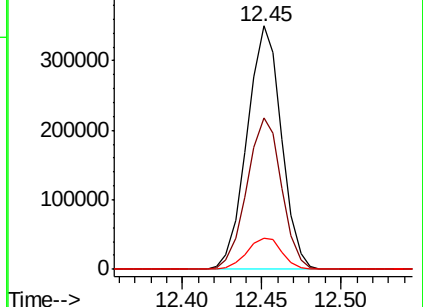
272 13.0 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 93.520 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

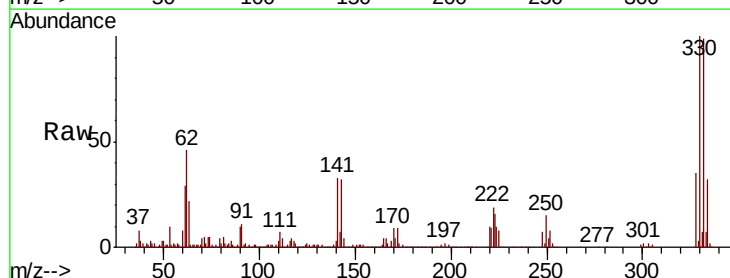
Tgt Ion:330 Resp: 830174

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

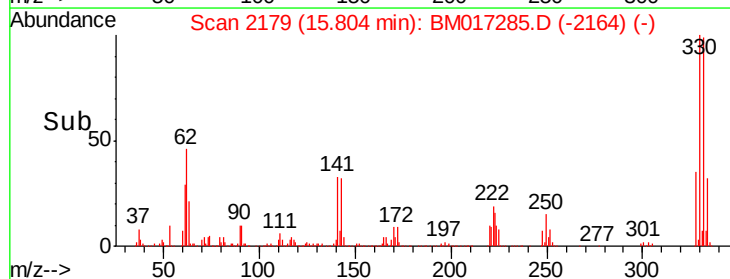
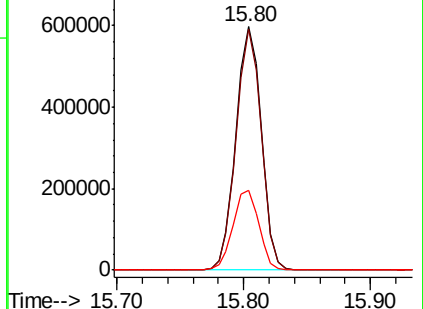
141 33.1 27.4 41.0

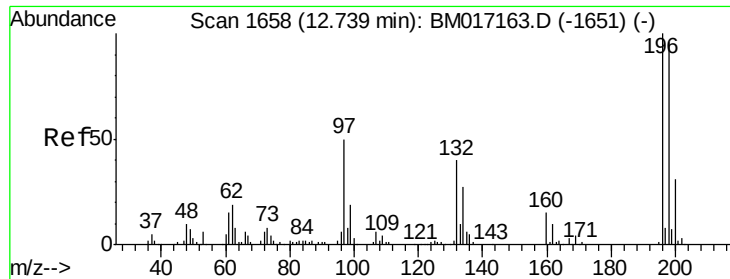


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

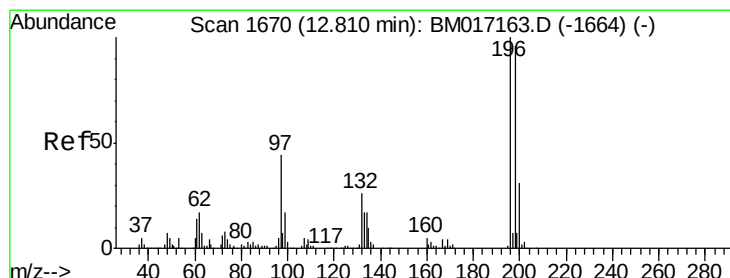
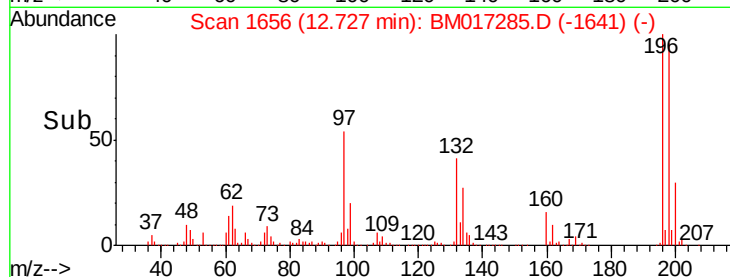
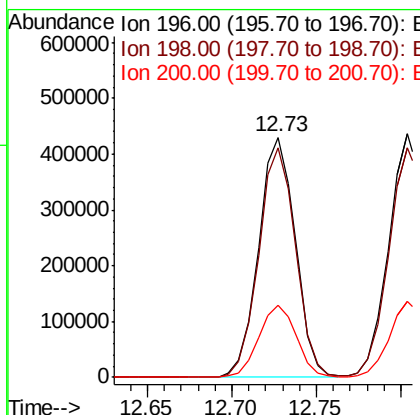
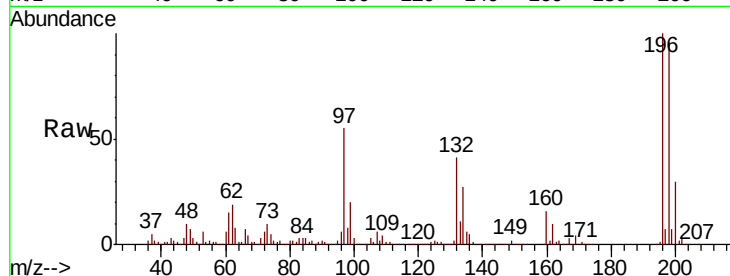




#43
 2,4,6-Trichlorophenol
 Concen: 48.379 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM017285.D
 Acq: 23 Oct 2018 15:22

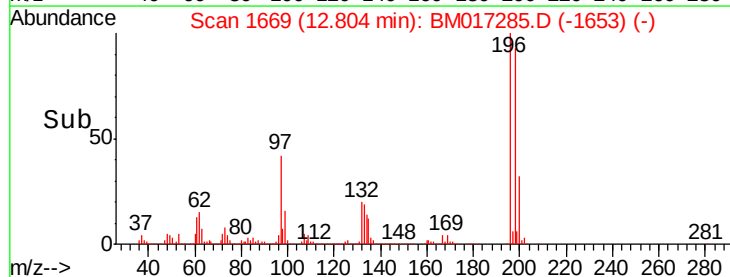
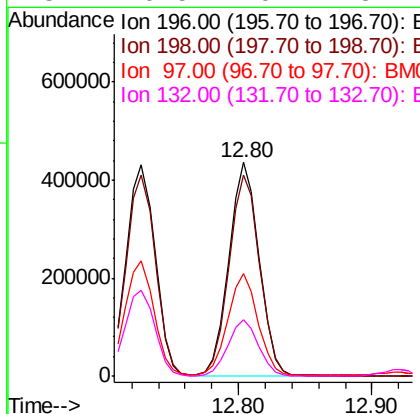
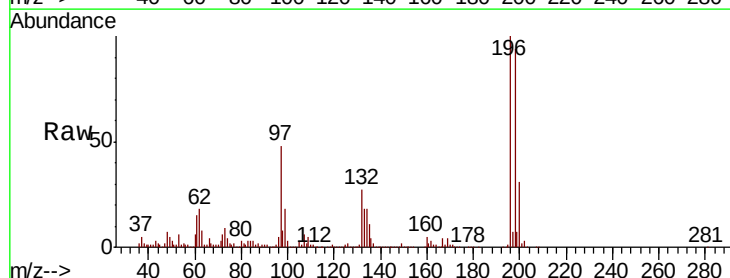
Instrument :
 BNA_M
 ClientSampled :

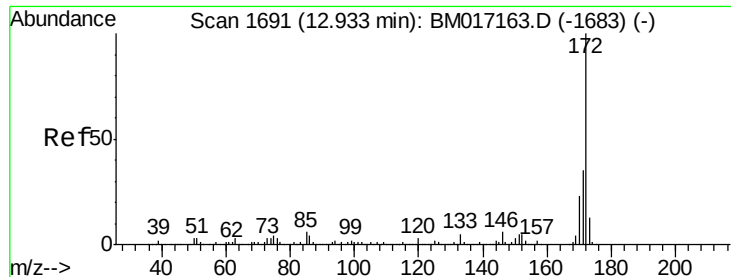
Tot Ion:196 Resp: 649208
 Ion Ratio Lower Upper
 196 100
 198 95.6 77.1 115.7
 200 30.3 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 47.594 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM017285.D
 Acq: 23 Oct 2018 15:22

Tgt Ion:196 Resp: 684877
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.6 115.0
 97 48.0 35.5 53.3
 132 26.5 20.7 31.1

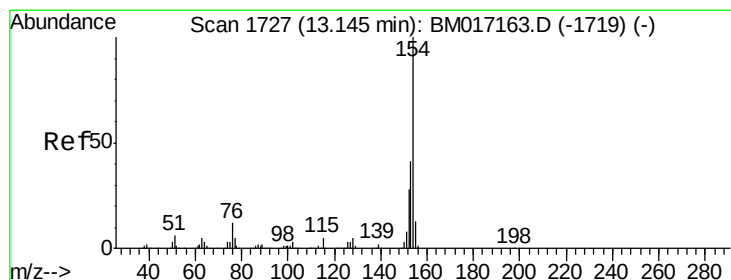
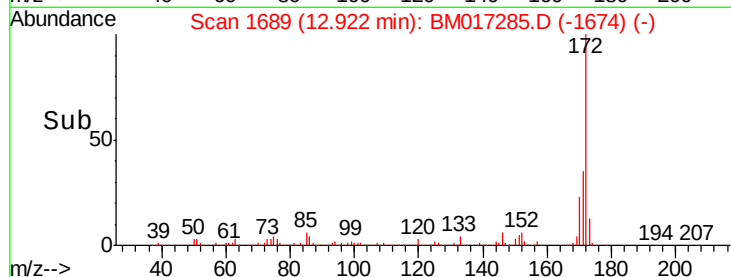
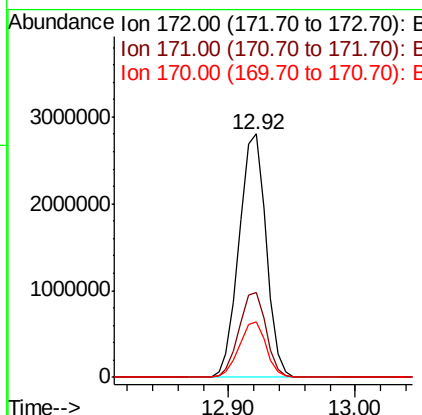
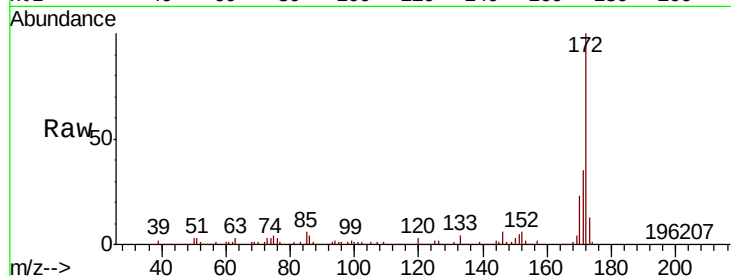




#45
2-Fluorobiphenyl
Concen: 83.841 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

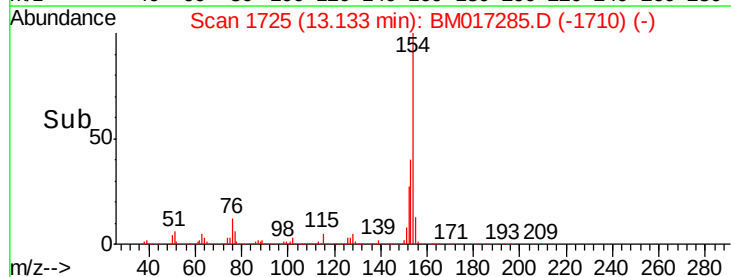
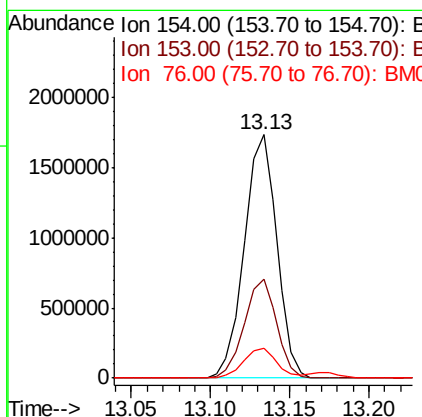
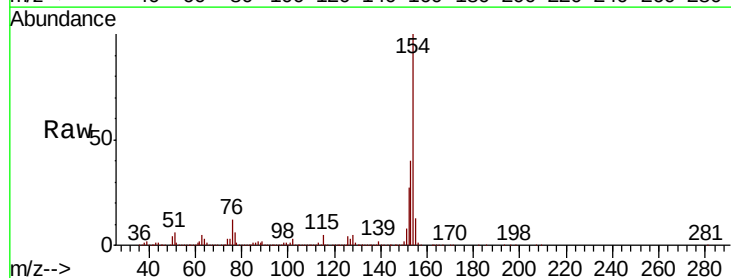
Instrument :
BNA_M
ClientSampleId :

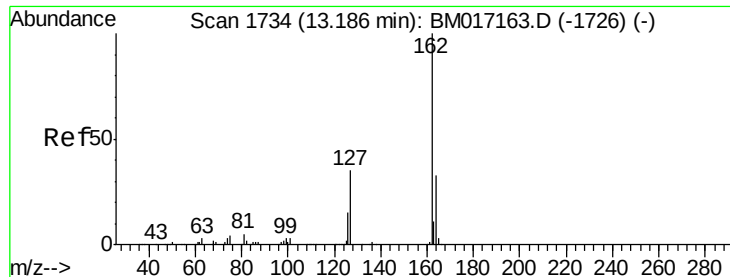
Tot Ion:172 Resp: 4136210
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 22.8 18.3 27.5



#46
1,1'-Biphenyl
Concen: 41.904 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Tgt Ion:154 Resp: 2475286
Ion Ratio Lower Upper
154 100
153 40.4 20.5 60.5
76 12.1 0.0 31.8

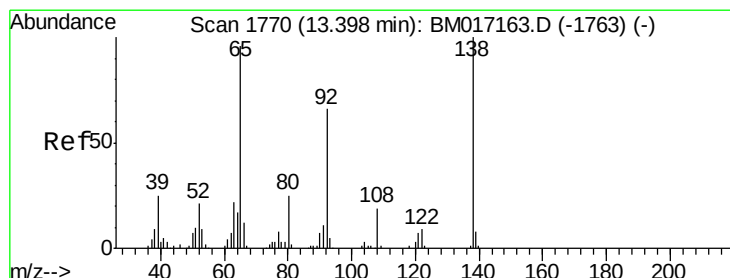
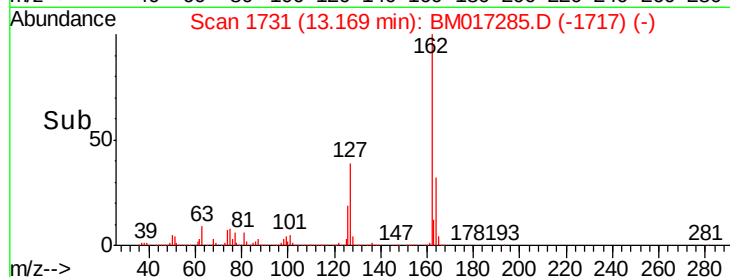
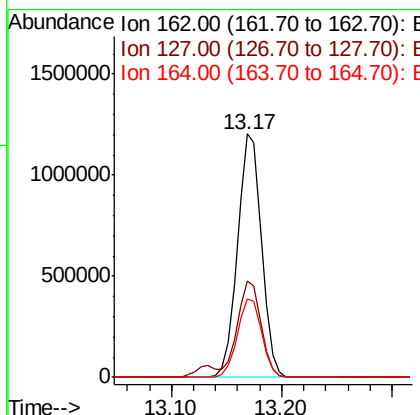
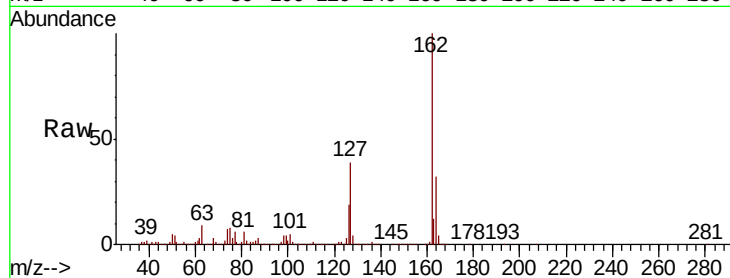




#47
 2-Chloronaphthalene
 Concen: 42.170 ng
 RT: 13.17 min Scan# 1731
 Delta R.T. -0.02 min
 Lab File: BM017285.D
 Acq: 23 Oct 2018 15:22

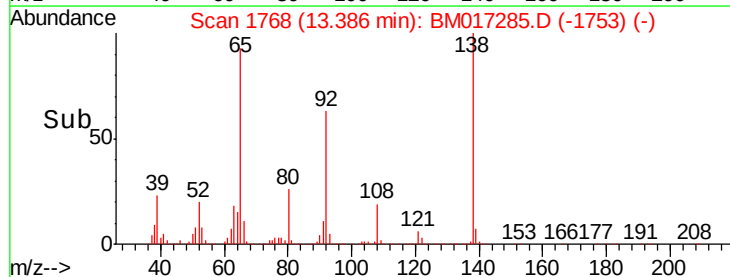
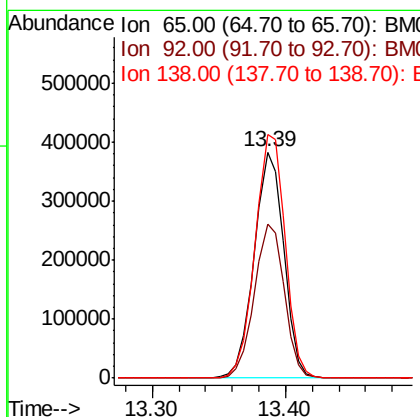
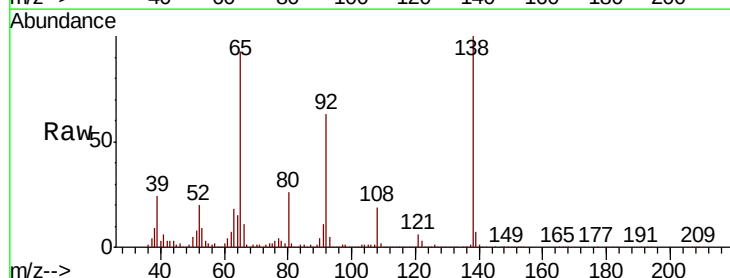
Instrument :
 BNA_M
 ClientSampleId :

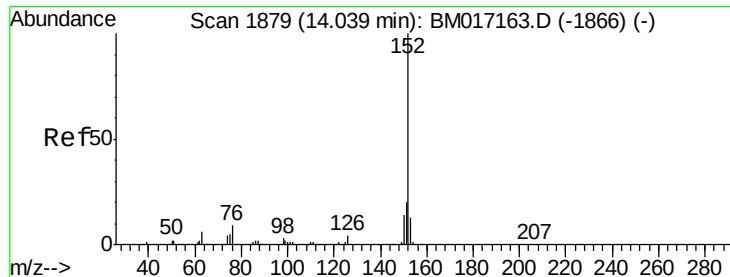
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.0	46.4
164	32.5	26.6	39.8



#48
 2-Nitroaniline
 Concen: 47.422 ng
 RT: 13.39 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BM017285.D
 Acq: 23 Oct 2018 15:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	54.9	82.3
138	107.7	83.7	125.5





#49

Acenaphthylene

Concen: 43.685 ng

RT: 14.02 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Instrument :

BNA_M

ClientSampleId :

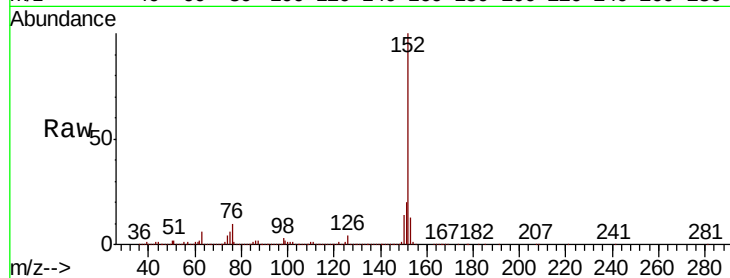
Tot Ion:152 Resp: 2751729

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

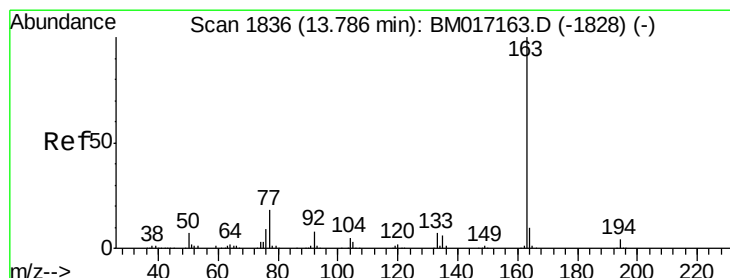
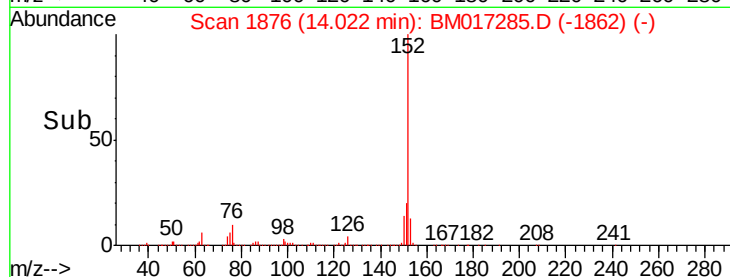
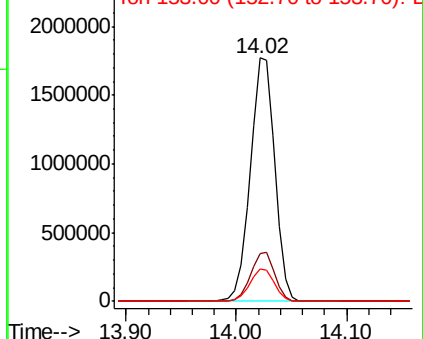
153 13.1 10.4 15.6



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: 45.263 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

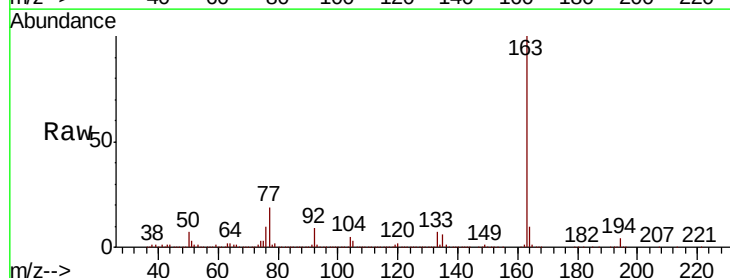
Tgt Ion:163 Resp: 2292232

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

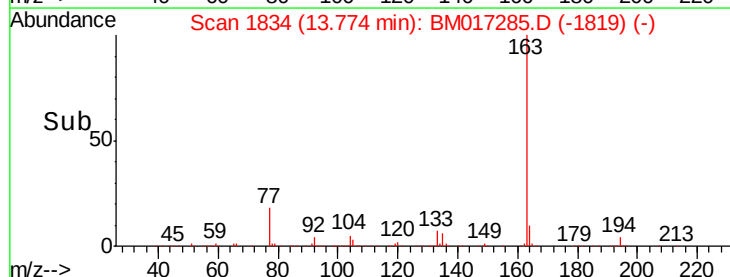
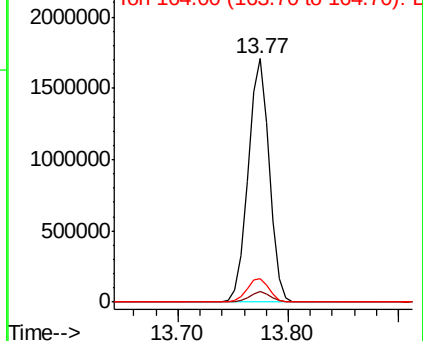
164 9.9 7.8 11.8

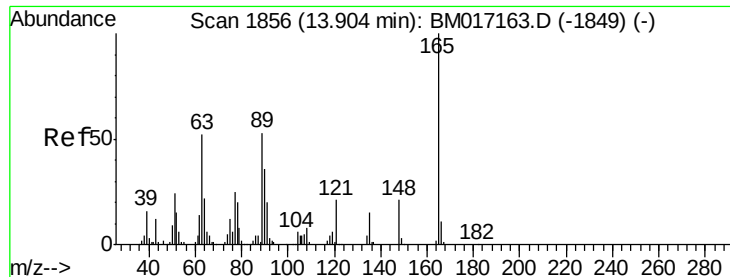


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

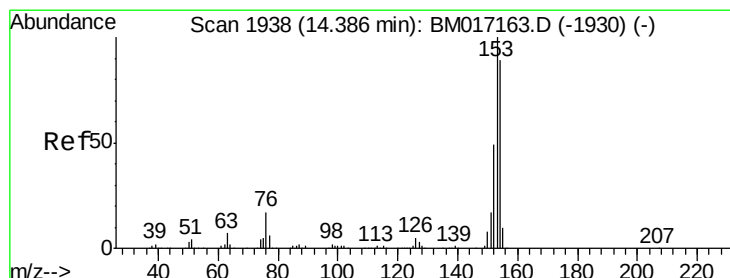
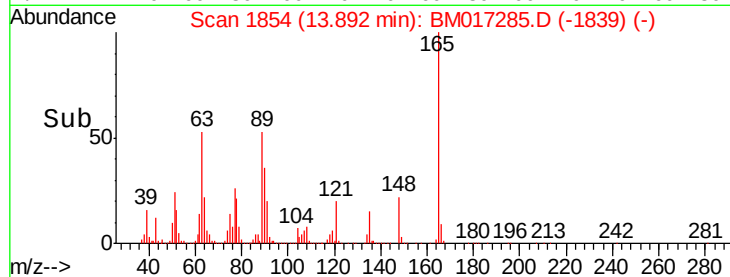
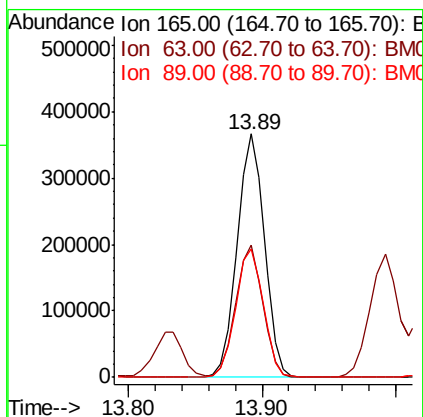
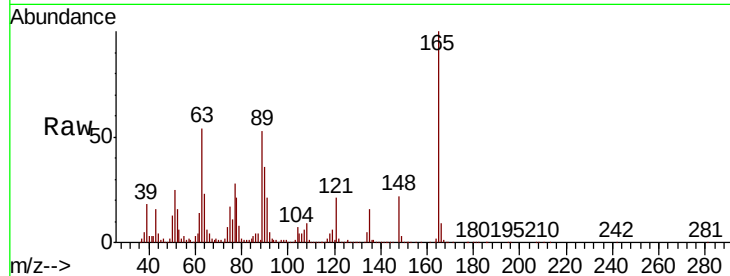




#51
 2,6-Dinitrotoluene
 Concen: 46.507 ng
 RT: 13.89 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BM017285.D
 Acq: 23 Oct 2018 15:22

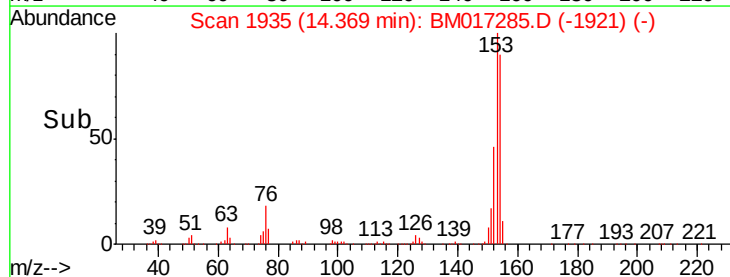
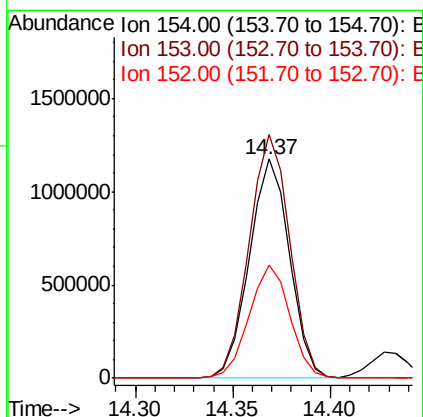
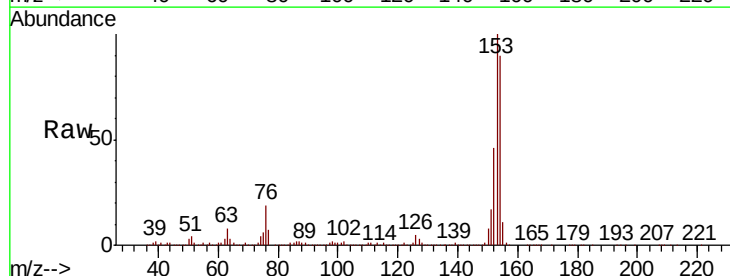
Instrument :
 BNA_M
 ClientSampled :

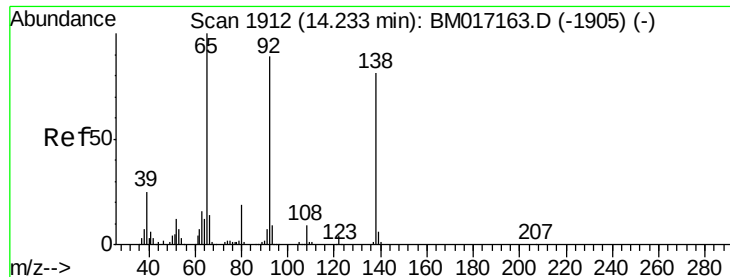
Tot Ion:165 Resp: 518378
 Ion Ratio Lower Upper
 165 100
 63 54.2 42.7 64.1
 89 52.9 42.1 63.1



#52
 Acenaphthene
 Concen: 42.359 ng
 RT: 14.37 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BM017285.D
 Acq: 23 Oct 2018 15:22

Tgt Ion:154 Resp: 1675274
 Ion Ratio Lower Upper
 154 100
 153 111.1 90.2 135.2
 152 51.4 44.2 66.4

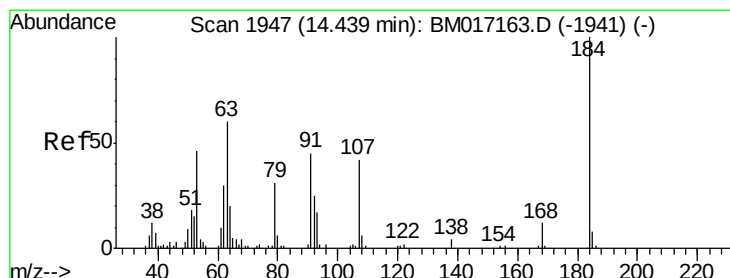
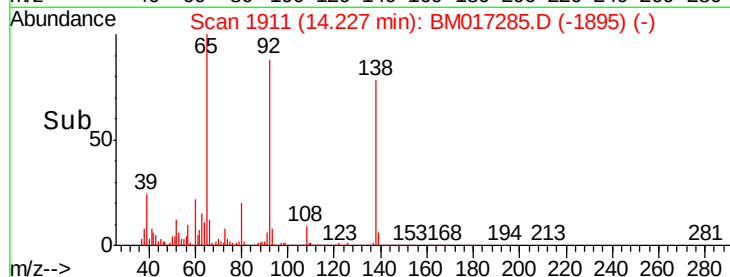
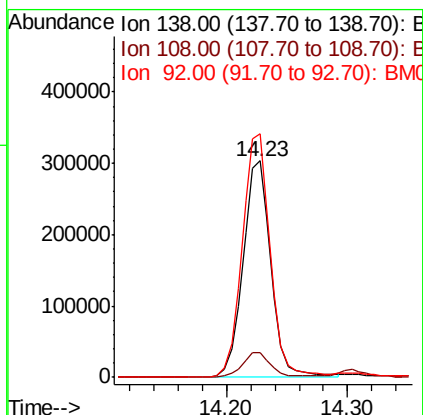
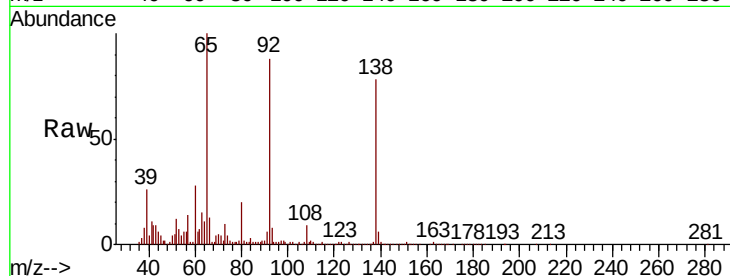




#53
3-Nitroaniline
Concen: 40.209 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

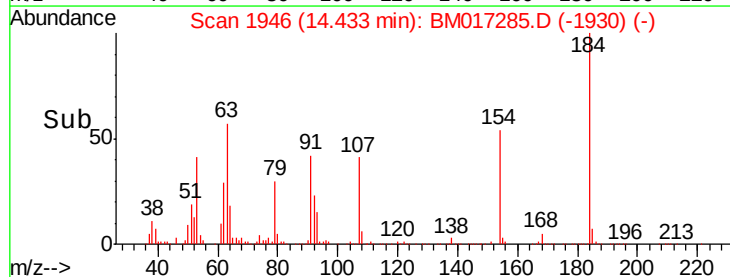
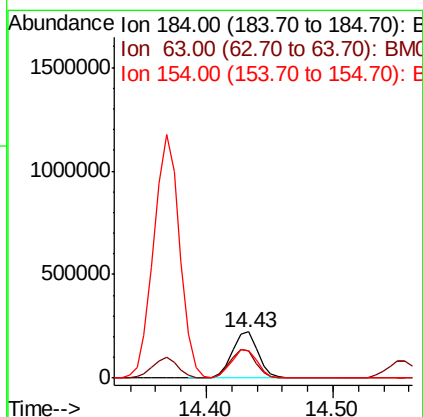
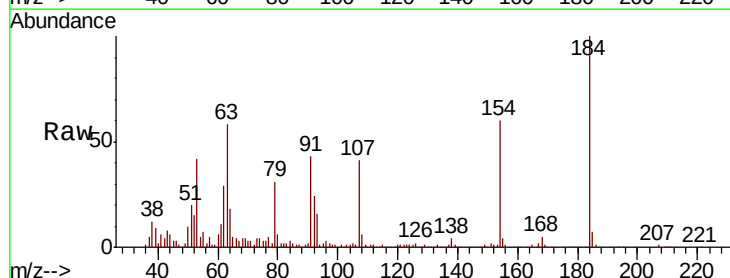
Instrument :
BNA_M
ClientSampleId :

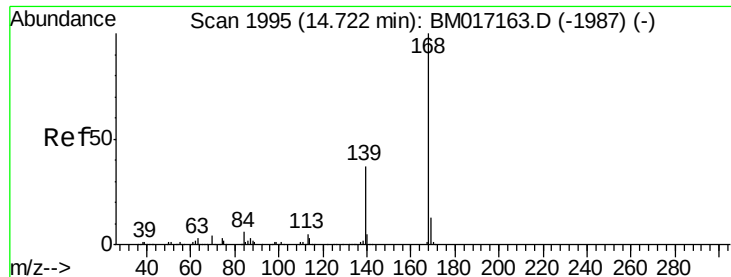
Tot Ion:138 Resp: 485399
Ion Ratio Lower Upper
138 100
108 11.4 8.7 13.1
92 112.6 87.9 131.9



#54
2,4-Dinitrophenol
Concen: 51.642 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Tgt Ion:184 Resp: 316433
Ion Ratio Lower Upper
184 100
63 57.9 51.2 76.8
154 59.6 47.8 71.8

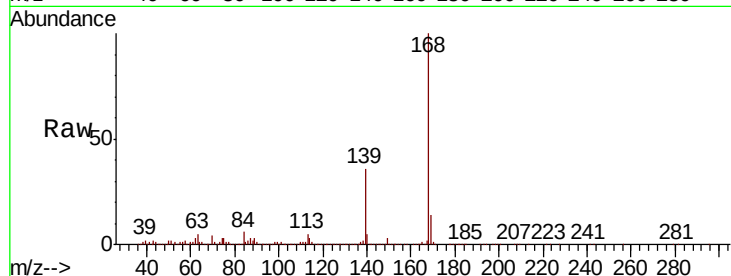




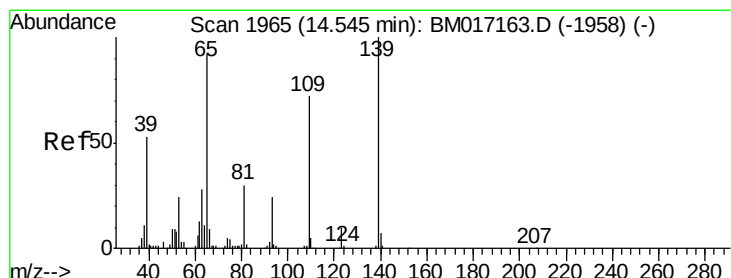
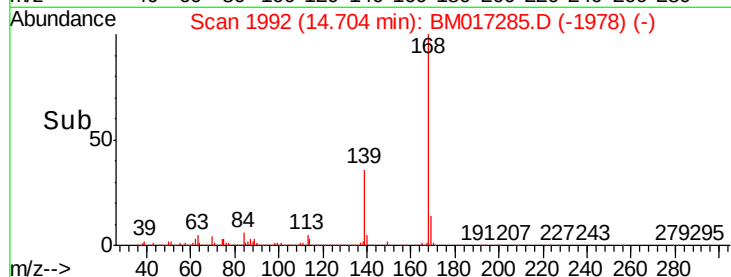
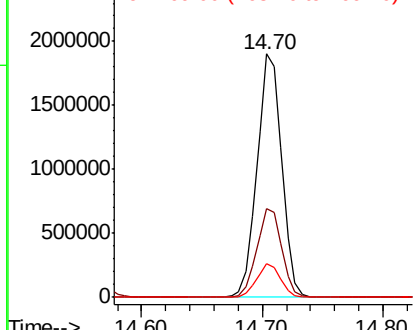
#55
Dibenzofuran
Concen: 41.241 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:168 Resp: 2712410
Ion Ratio Lower Upper
168 100
139 36.4 29.3 43.9
169 13.7 10.6 15.8

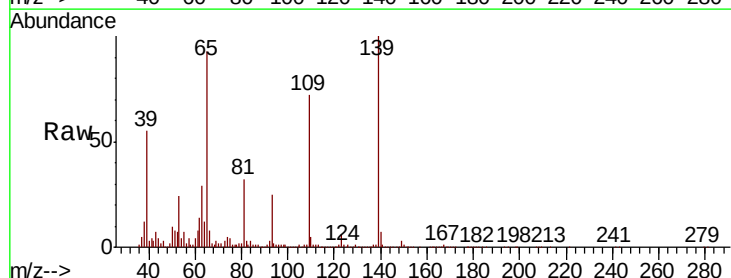


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

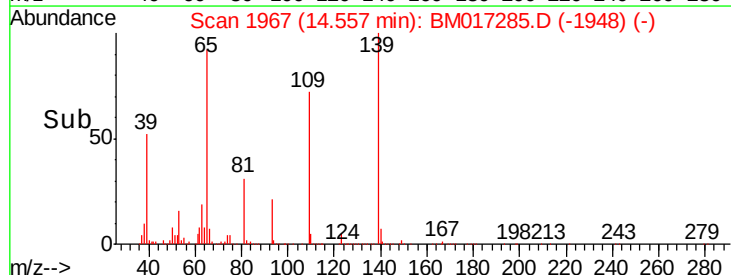
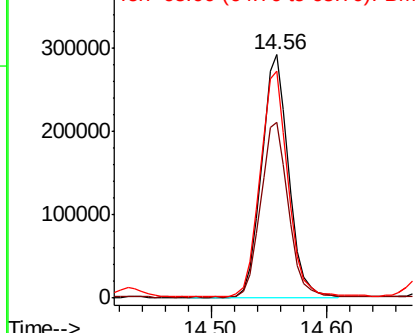


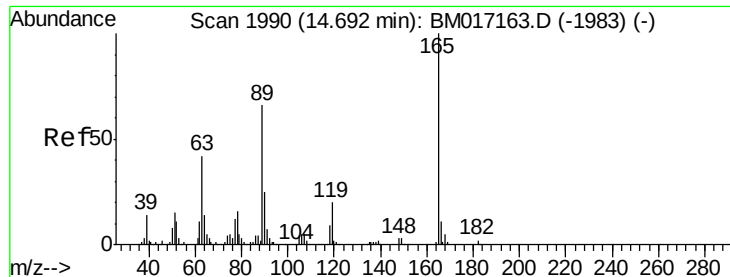
#56
4-Nitrophenol
Concen: 45.515 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Tgt Ion:139 Resp: 476996
Ion Ratio Lower Upper
139 100
109 72.2 51.8 91.8
65 93.3 72.1 112.1



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

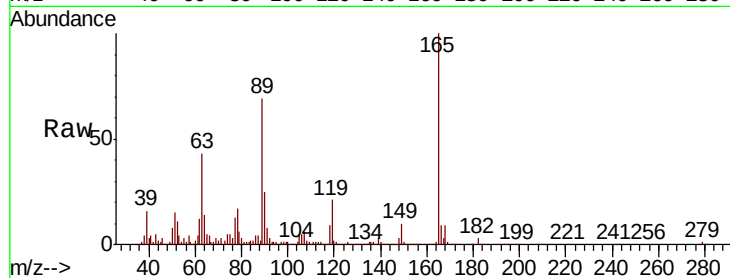




#57
2,4-Dinitrotoluene
Concen: 48.804 ng
RT: 14.68 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		731127		
63	42.6	33.8	50.8		
89	68.8	53.1	79.7		
182	3.1	2.0	3.0#		



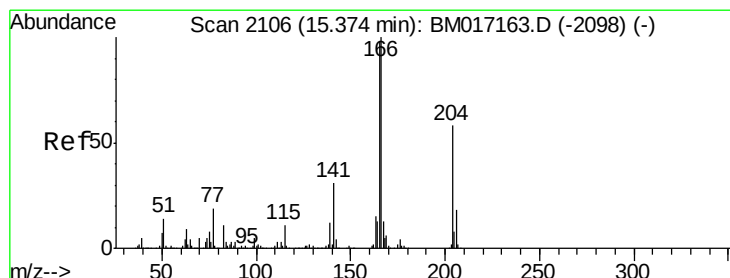
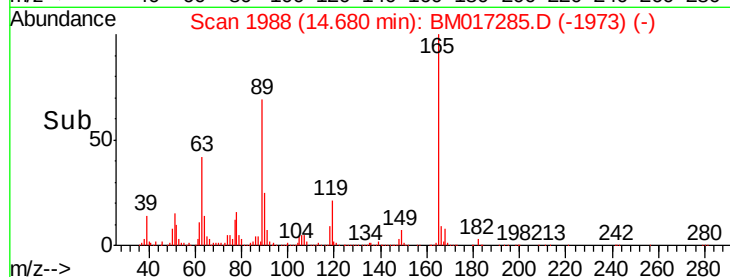
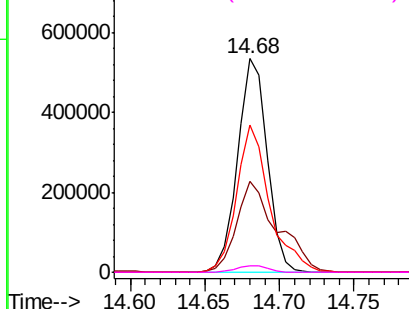
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

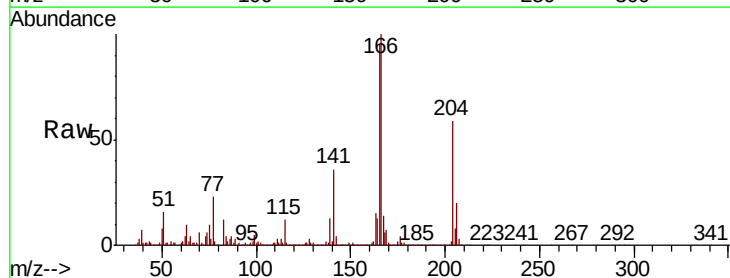
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.573 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2072516		
165	95.5	78.1	117.1		
167	13.6	10.6	16.0		

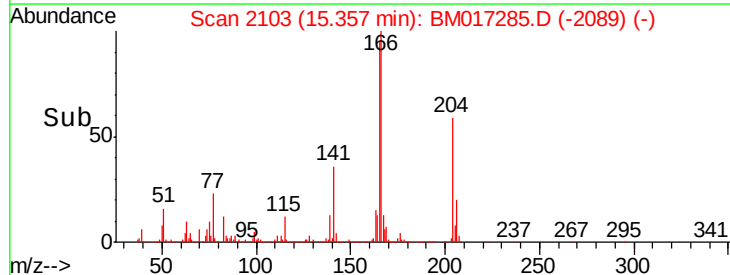
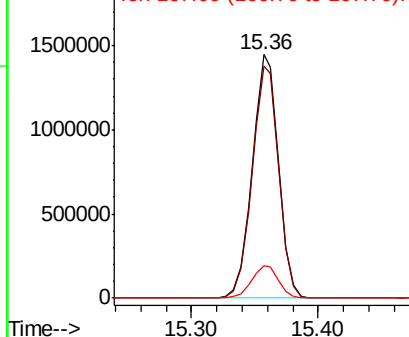


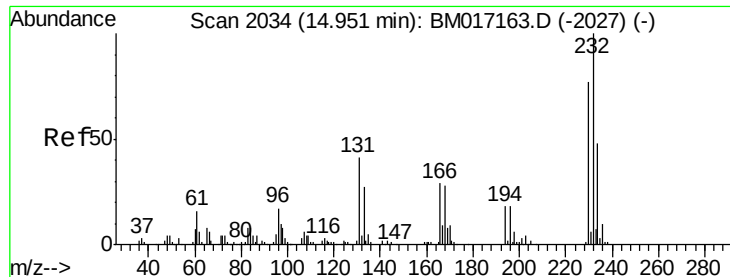
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

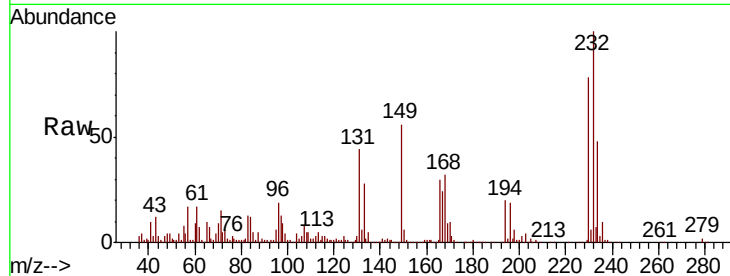




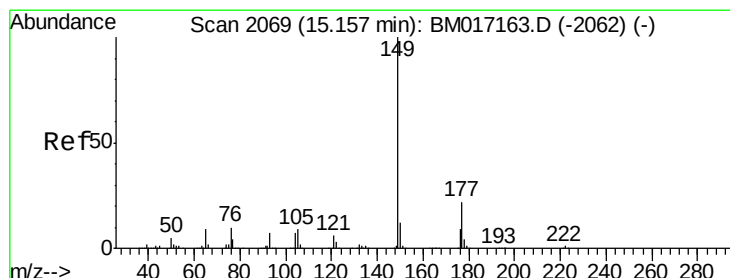
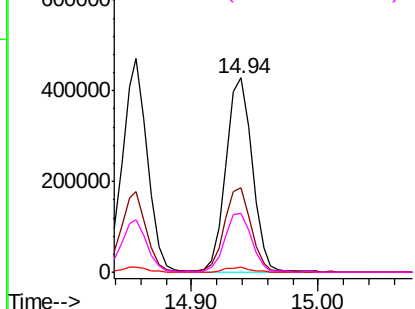
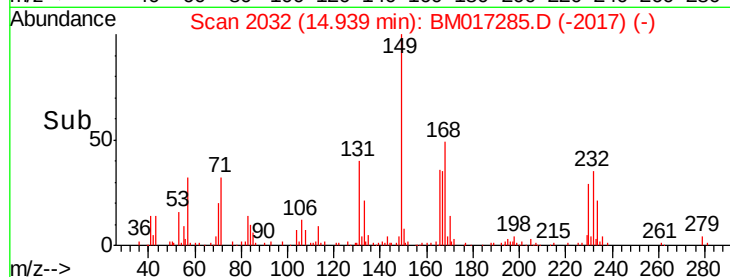
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.532 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:232 Resp: 610351
Ion Ratio Lower Upper
232 100
131 43.4 33.1 49.7
130 2.2 1.7 2.5
166 31.1 24.4 36.6

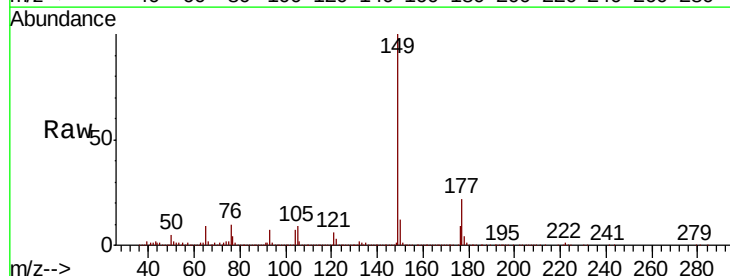


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

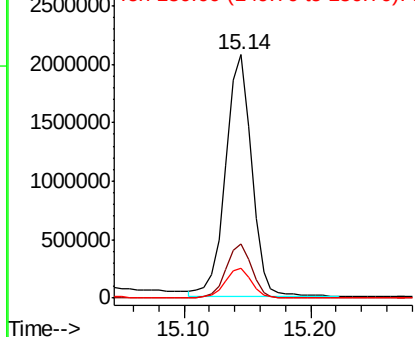
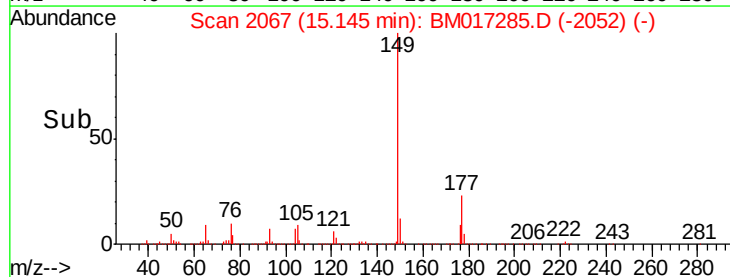


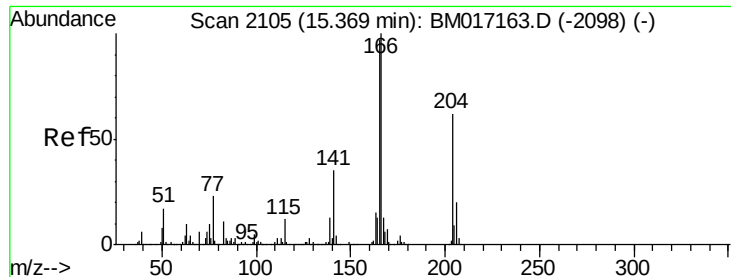
#60
Diethylphthalate
Concen: 58.187 ng
RT: 15.14 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Tgt Ion:149 Resp: 2922308
Ion Ratio Lower Upper
149 100
177 22.3 17.7 26.5
150 12.4 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

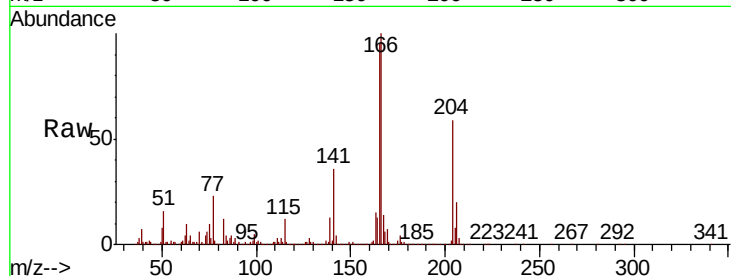




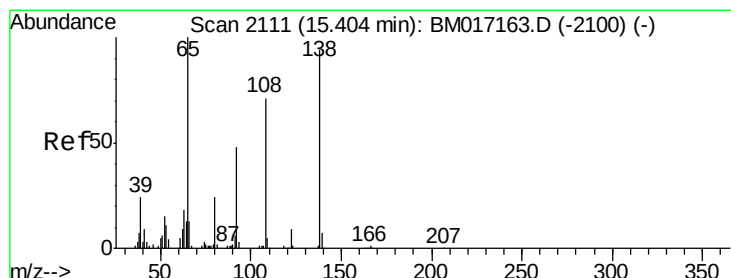
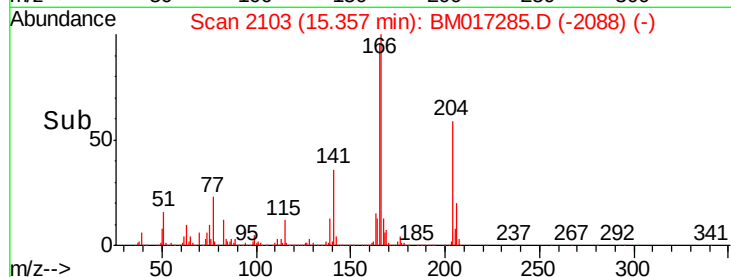
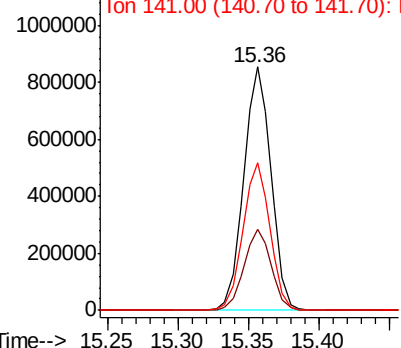
#61
4-Chlorophenyl-phenylether
Concen: 41.860 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 1161743
Ion Ratio Lower Upper
204 100
206 33.1 26.1 39.1
141 60.6 45.4 68.2

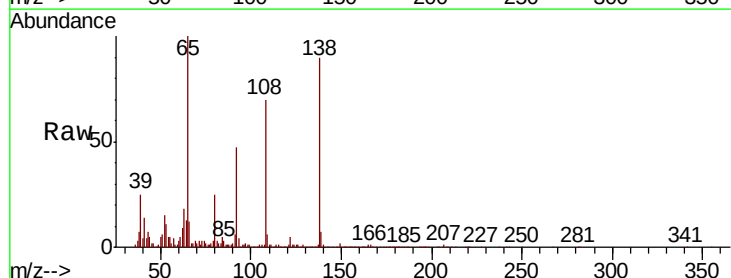


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

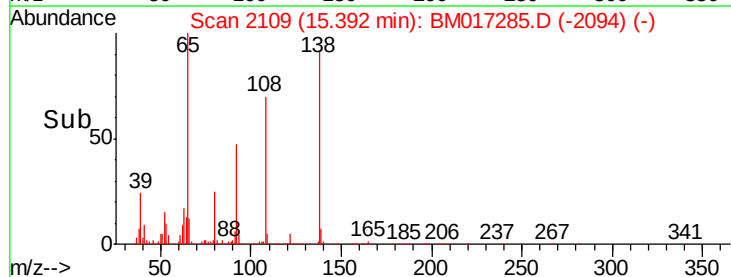
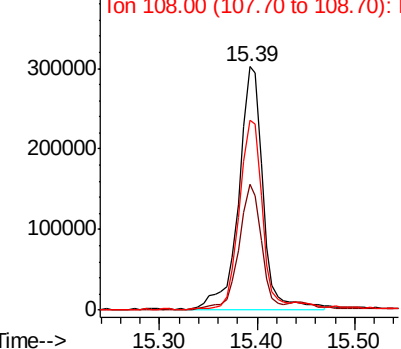


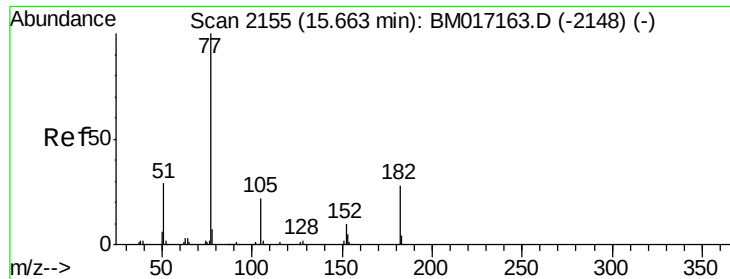
#62
4-Nitroaniline
Concen: 39.518 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Tgt Ion:138 Resp: 519827
Ion Ratio Lower Upper
138 100
92 51.9 31.2 71.2
108 77.9 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: 43.658 ng

RT: 15.65 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Instrument :

BNA_M

ClientSampled :

Tot Ion: 77 Resp: 2131185

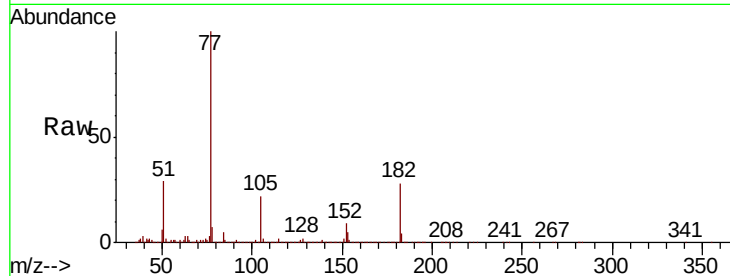
Ion	Ratio	Lower	Upper
77	100		
182	27.7	8.3	48.3
105	21.7	1.5	41.5
51	29.0	8.8	48.8

77 100

182 27.7 8.3 48.3

105 21.7 1.5 41.5

51 29.0 8.8 48.8



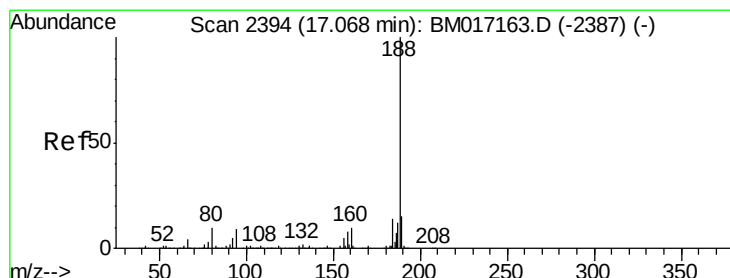
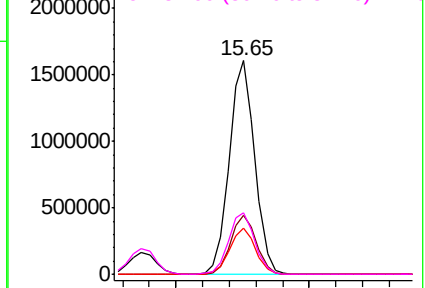
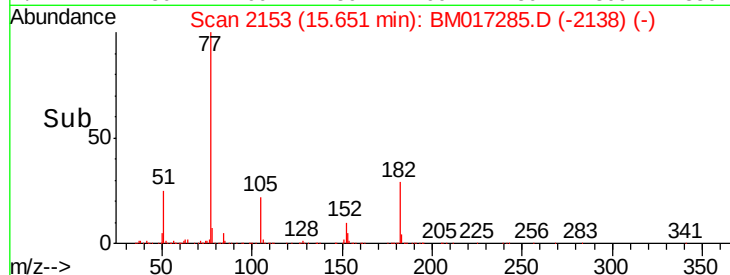
Abundance

Ion 77.00 (76.70 to 77.70): BM017163.D (-2148) (-)

Ion 182.00 (181.70 to 182.70): BM017163.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BM017163.D (-2148) (-)

Ion 51.00 (50.70 to 51.70): BM017163.D (-2148) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

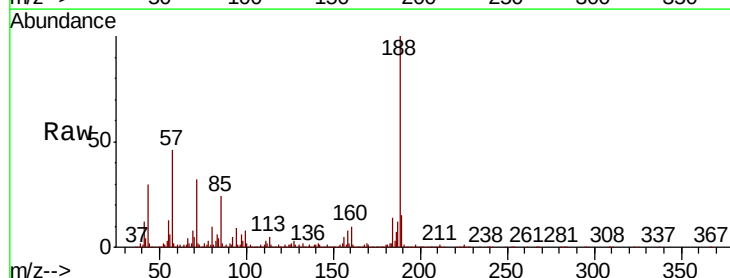
Tgt Ion: 188 Resp: 1452457

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.4
80	10.1	7.7	11.5

188 100

94 8.7 7.0 10.4

80 10.1 7.7 11.5

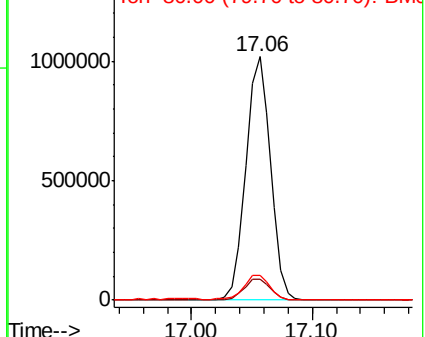
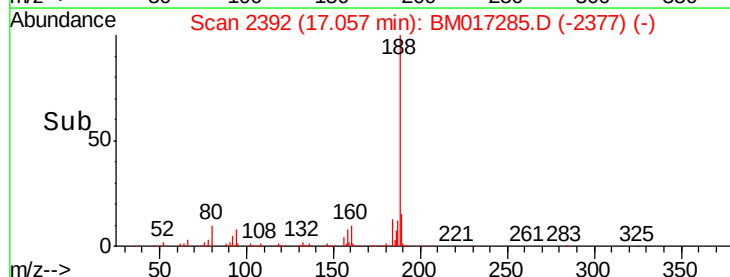


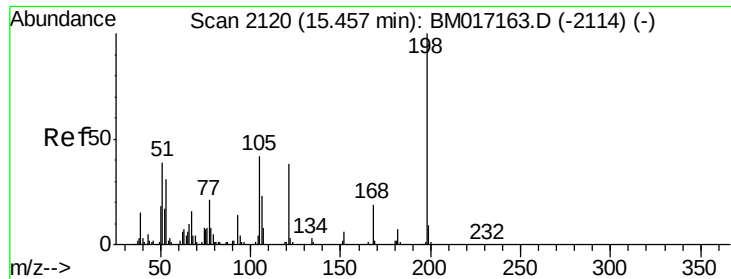
Abundance

Ion 188.00 (187.70 to 188.70): BM017163.D (-2387) (-)

Ion 94.00 (93.70 to 94.70): BM017163.D (-2387) (-)

Ion 80.00 (79.70 to 80.70): BM017163.D (-2387) (-)

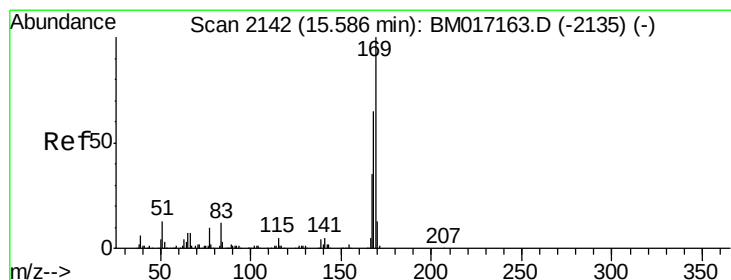
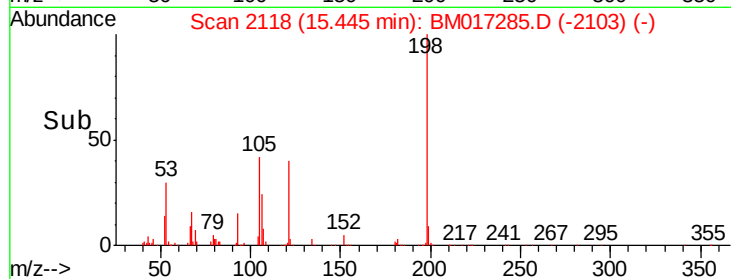
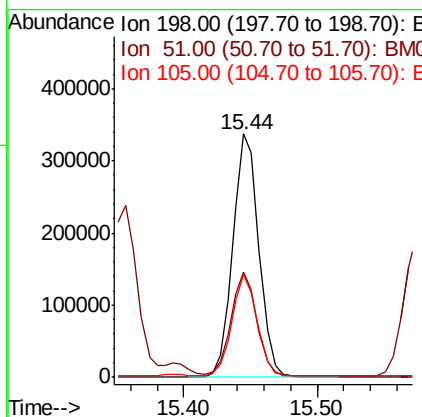
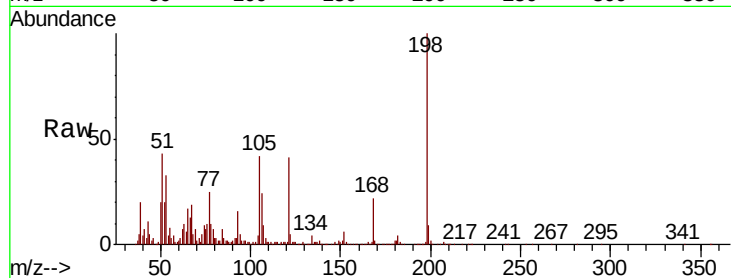




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.889 ng
 RT: 15.44 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BM017285.D
 Acq: 23 Oct 2018 15:22

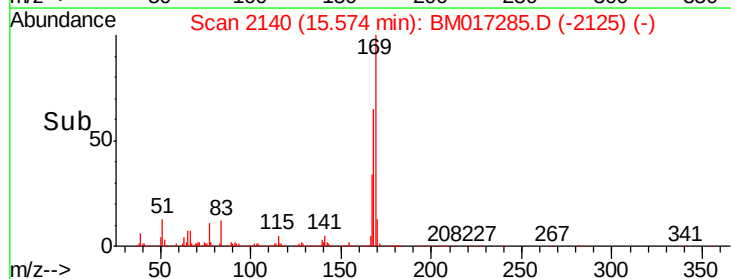
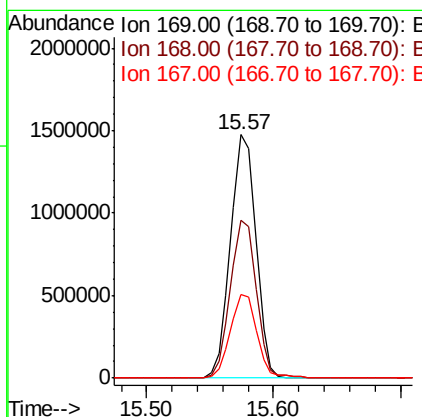
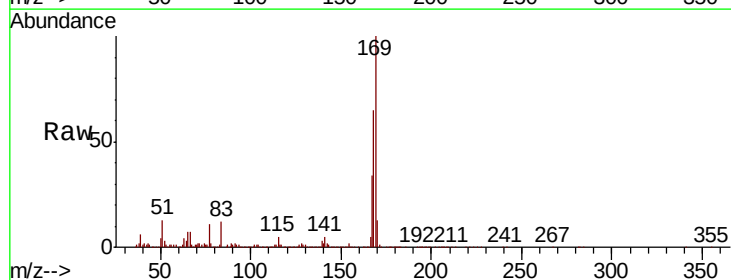
Instrument :
 BNA_M
 ClientSampled :

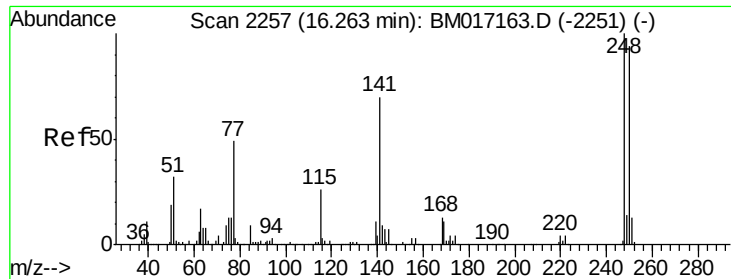
Tot Ion:198 Resp: 457401
 Ion Ratio Lower Upper
 198 100
 51 43.1 20.3 60.3
 105 42.3 21.9 61.9



#66
 n-Nitrosodiphenylamine
 Concen: 46.577 ng
 RT: 15.57 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BM017285.D
 Acq: 23 Oct 2018 15:22

Tgt Ion:169 Resp: 2046759
 Ion Ratio Lower Upper
 169 100
 168 64.9 52.2 78.4
 167 34.3 28.4 42.6

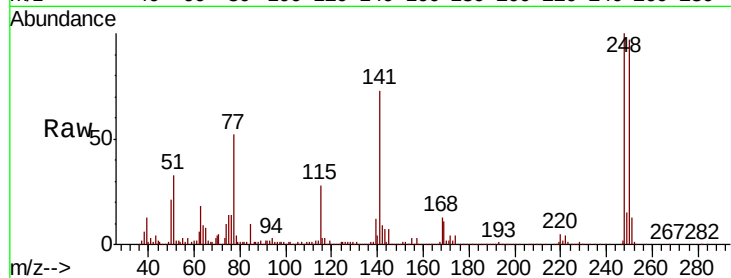




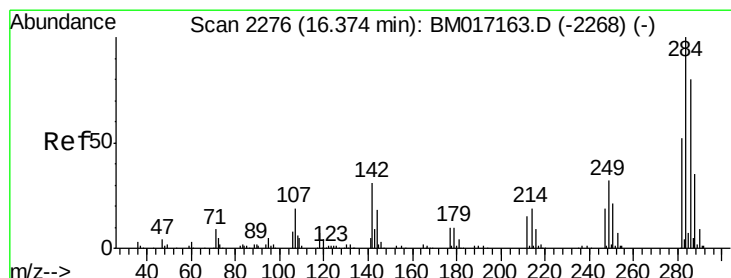
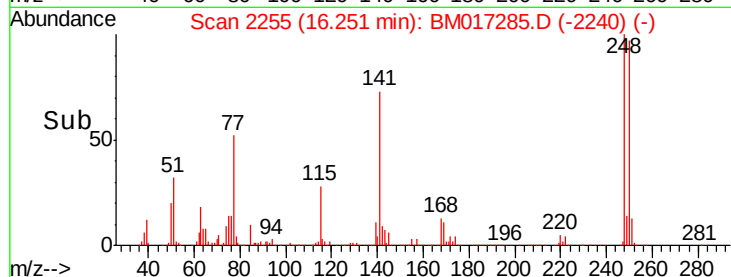
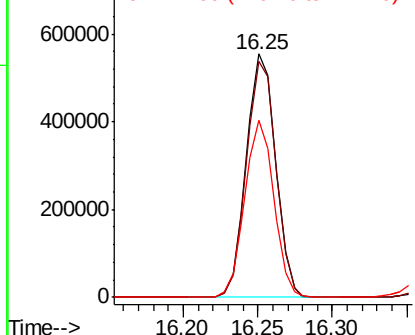
#67
4-Bromophenyl-phenylether
Concen: 47.161 ng
RT: 16.25 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	75.1	112.7
141	72.9	55.6	83.4

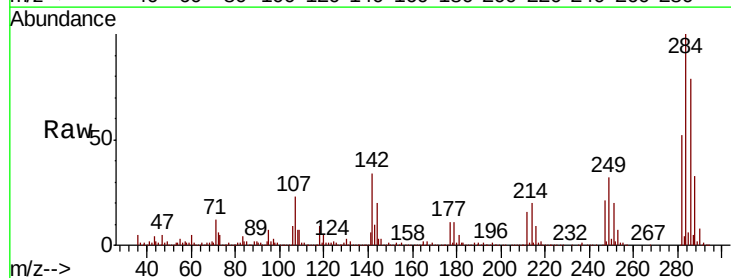


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

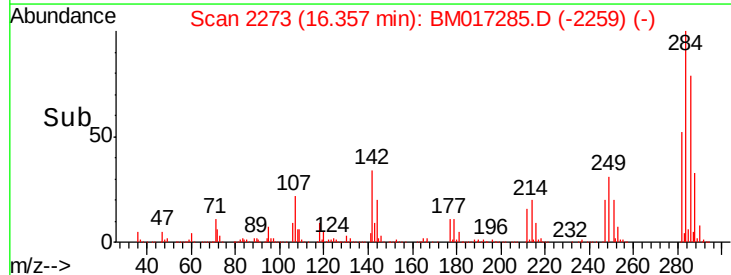
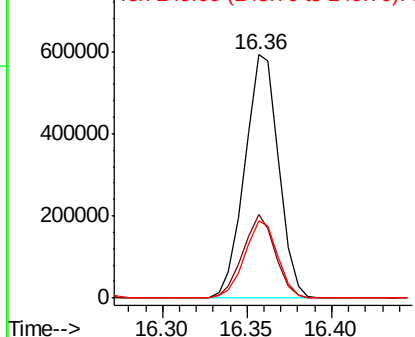


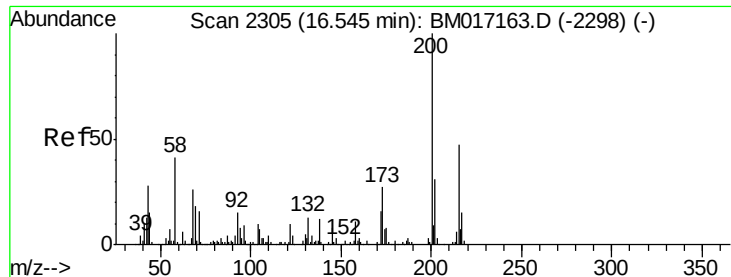
#68
Hexachlorobenzene
Concen: 44.762 ng
RT: 16.36 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.3	25.0	37.6
249	31.9	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

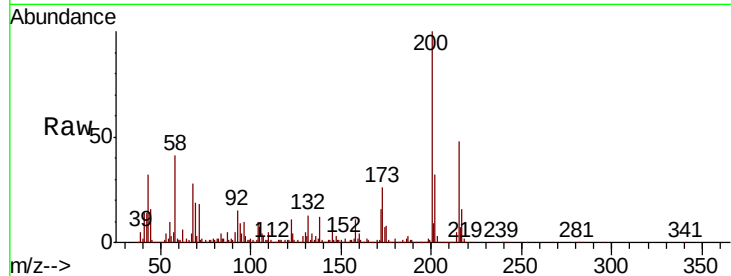




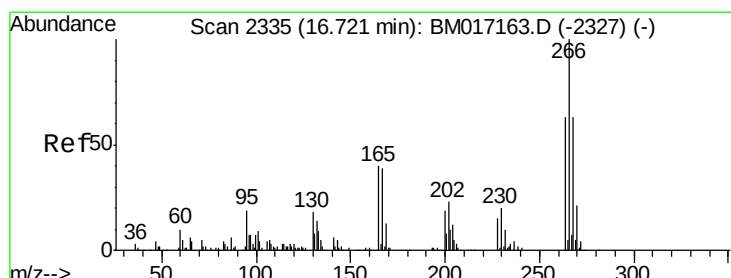
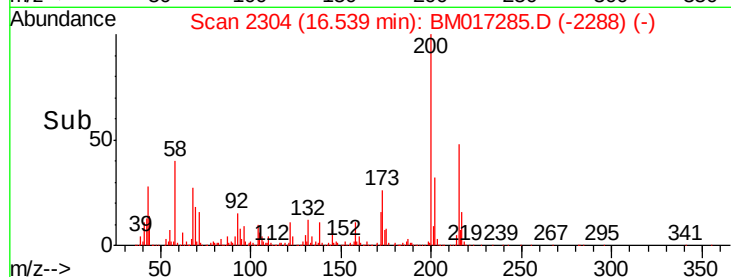
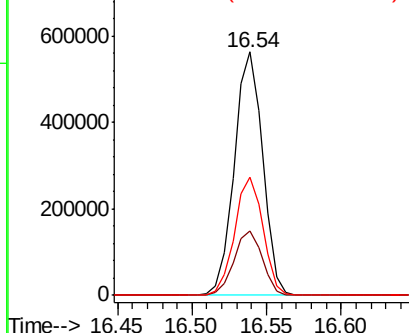
#69
Atrazine
Concen: 47.641 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	7.0	47.0
215	48.5	27.3	67.3

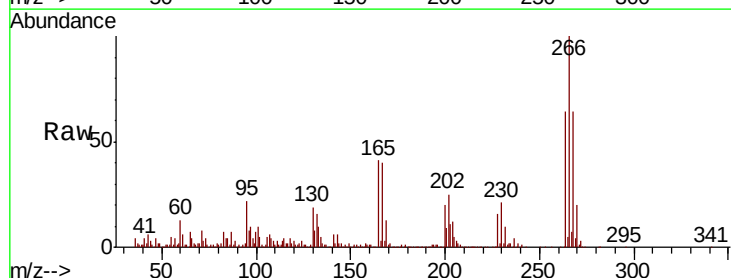


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

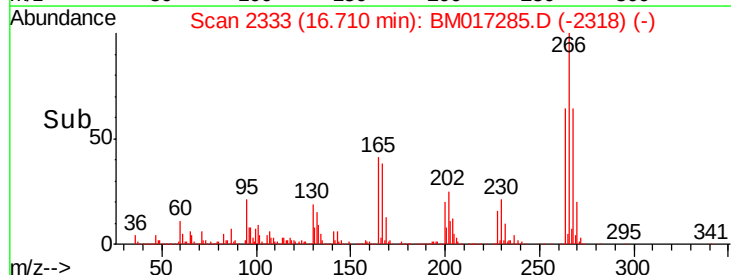
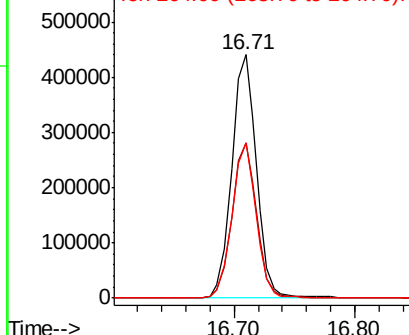


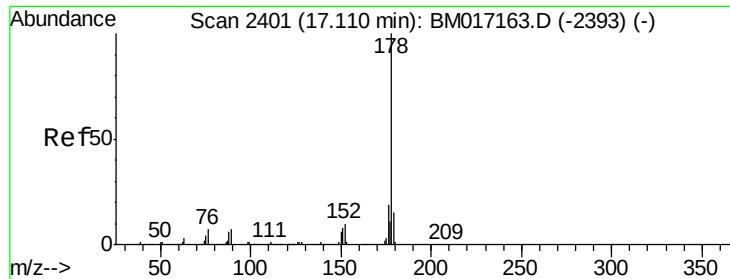
#70
Pentachlorophenol
Concen: 49.481 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.7	76.1
264	63.8	50.4	75.6



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

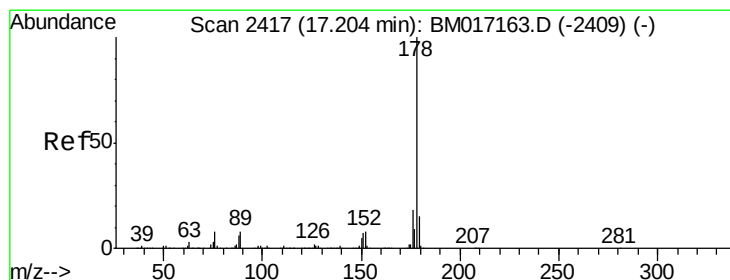
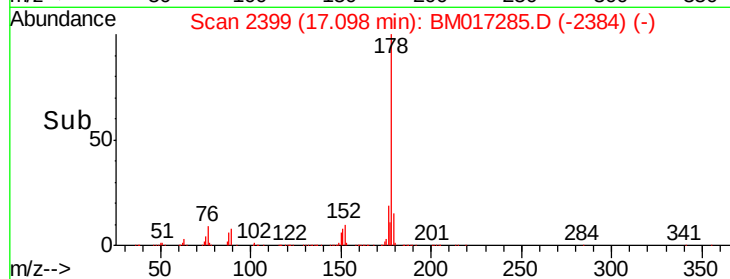
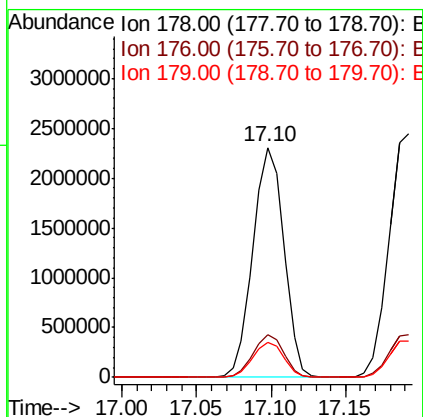
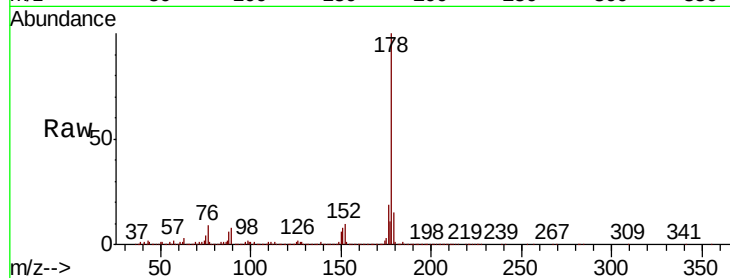




#71
Phenanthrene
Concen: 42.067 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

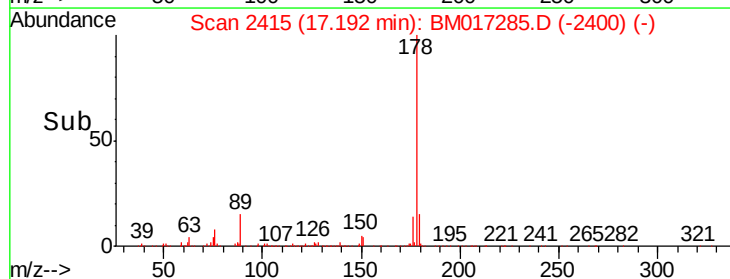
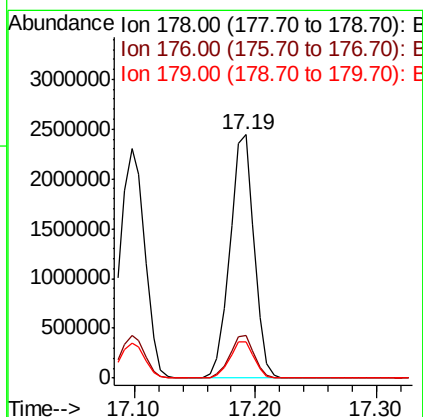
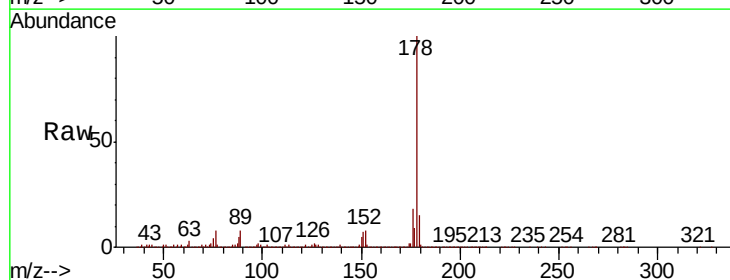
Instrument :
BNA_M
ClientSampleId :

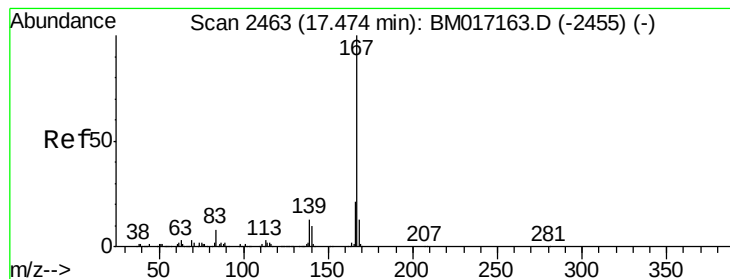
Tot Ion:178 Resp: 3296584
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.2 12.3 18.5



#72
Anthracene
Concen: 45.529 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Tgt Ion:178 Resp: 3390093
Ion Ratio Lower Upper
178 100
176 17.7 14.5 21.7
179 15.1 12.2 18.2





#73

Carbazole

Concen: 45.641 ng

RT: 17.47 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

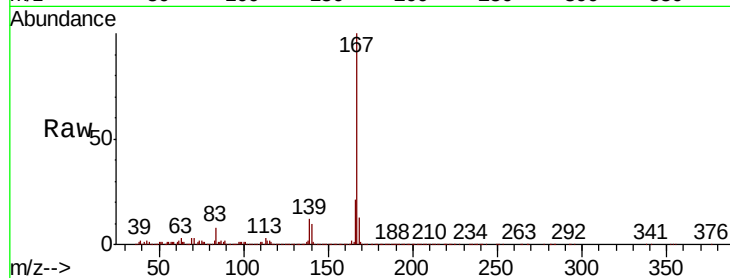
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 3471491

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	12.3	10.1	15.1

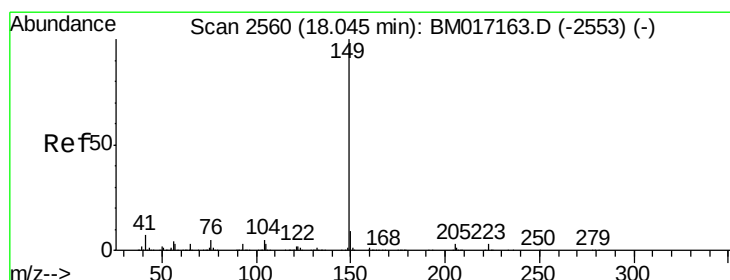
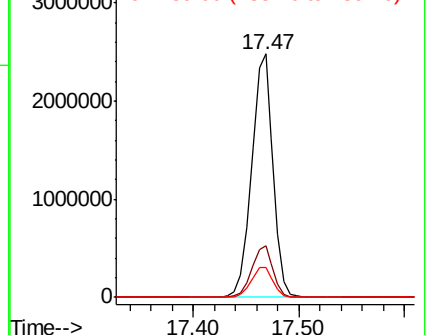
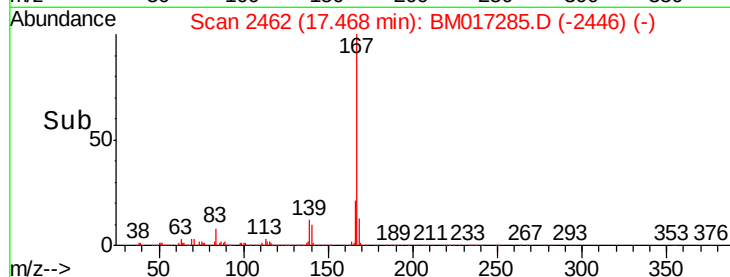


Abundance

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: 53.049 ng

RT: 18.03 min Scan# 2558

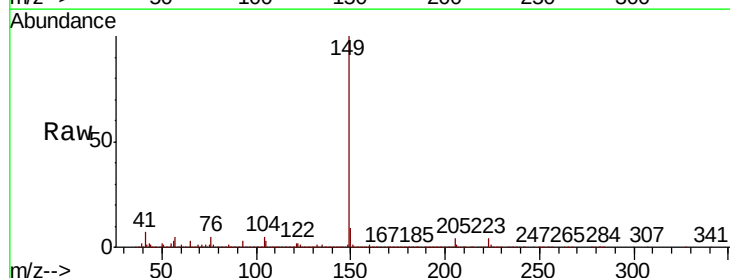
Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Tgt Ion:149 Resp: 4255819

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.8	4.3	6.5

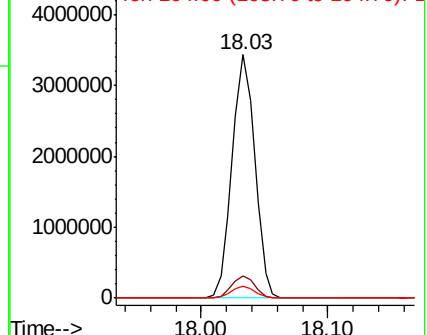
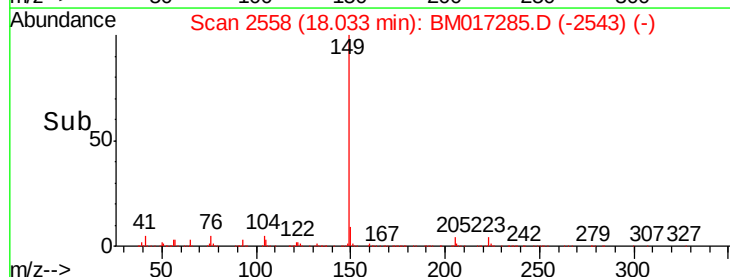


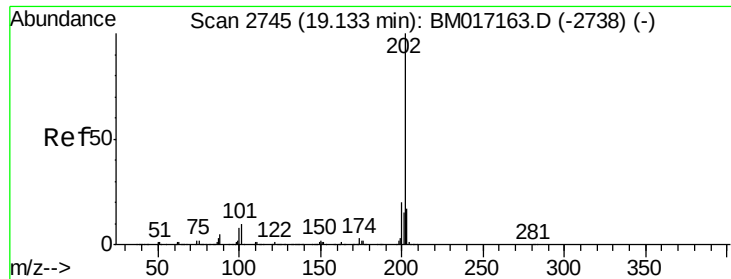
Abundance

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: 45.794 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Instrument :

BNA_M

ClientSampleId :

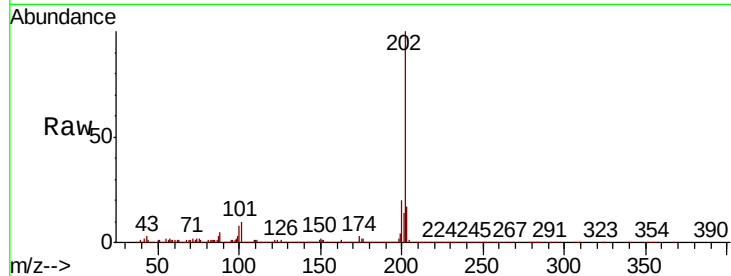
Tot Ion:202 Resp: 4038194

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.0

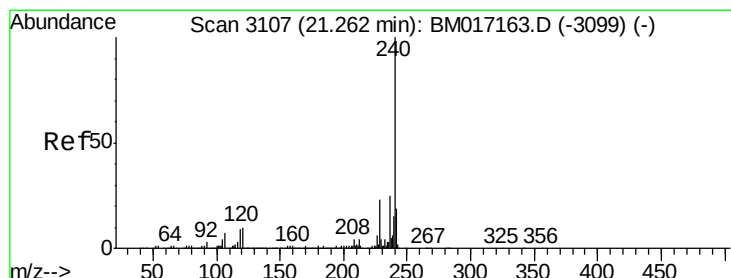
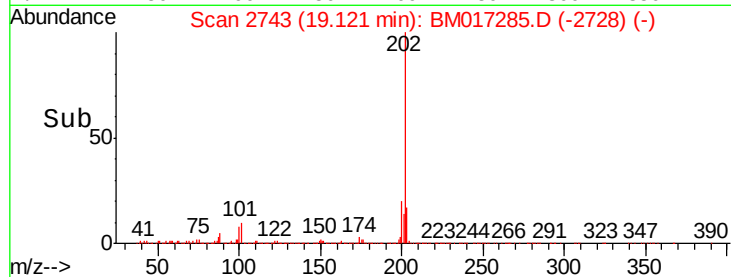
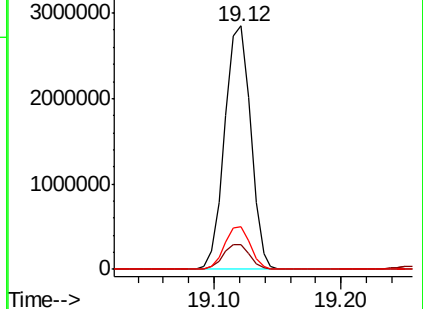
203 17.5 0.0 37.2



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: BM017285.D

Acq: 23 Oct 2018 15:22

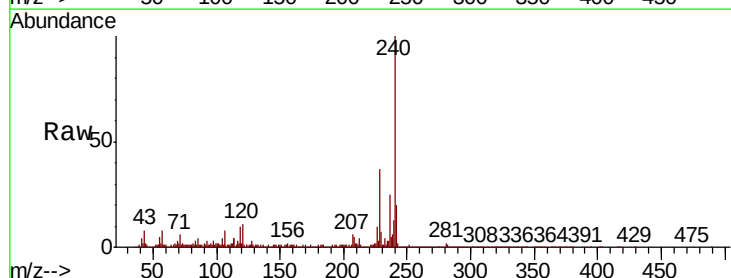
Tgt Ion:240 Resp: 1660279

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

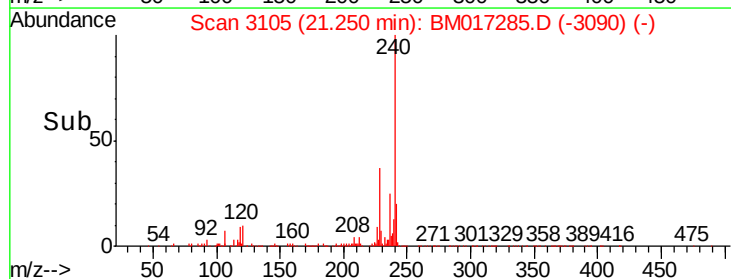
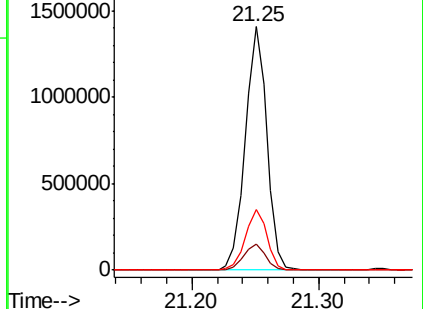
236 25.0 19.9 29.9

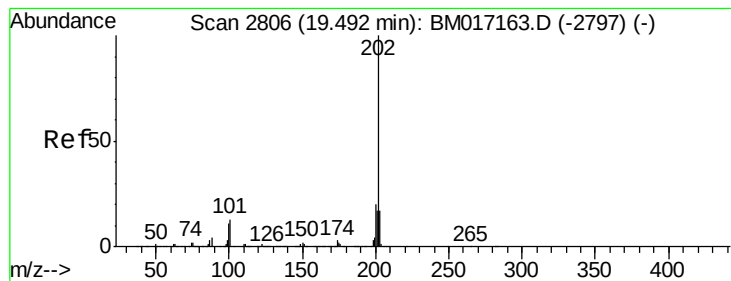


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 45.337 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Instrument :

BNA_M

ClientSampleId :

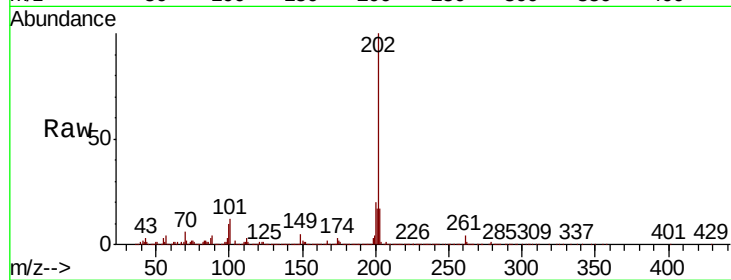
Tot Ion:202 Resp: 4206989

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.3	13.9	20.9

202 100

200 20.4 16.3 24.5

203 17.3 13.9 20.9

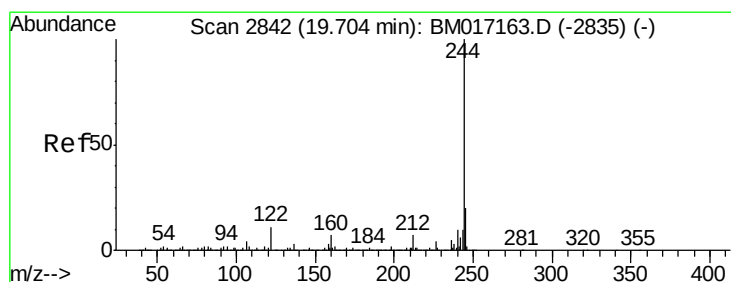
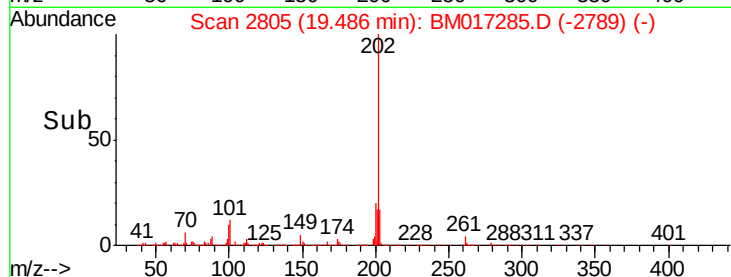
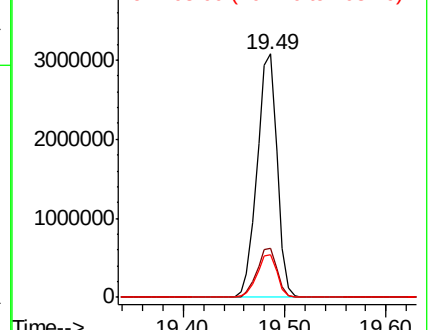


Abundance

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: 90.829 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

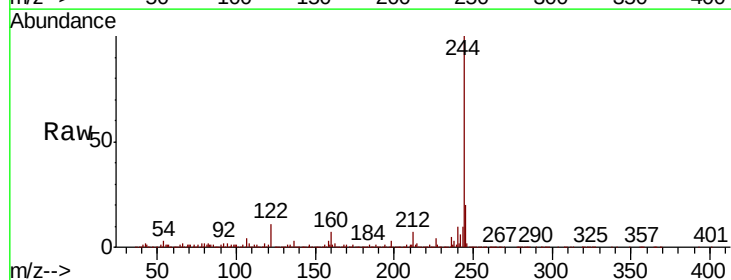
Tgt Ion:244 Resp: 6690388

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	11.0	8.4	12.6

244 100

212 7.2 5.5 8.3

122 11.0 8.4 12.6

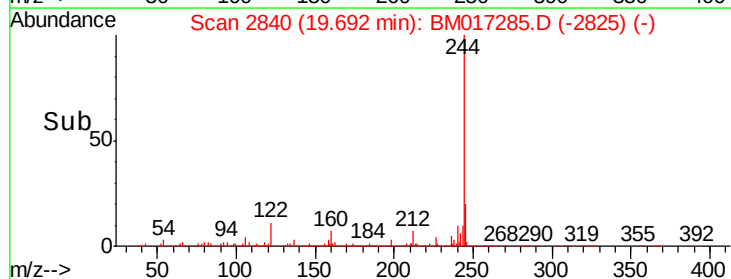
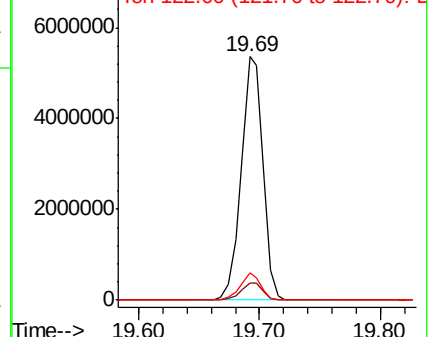


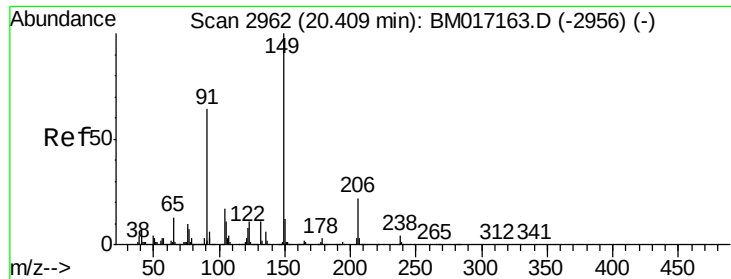
Abundance

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

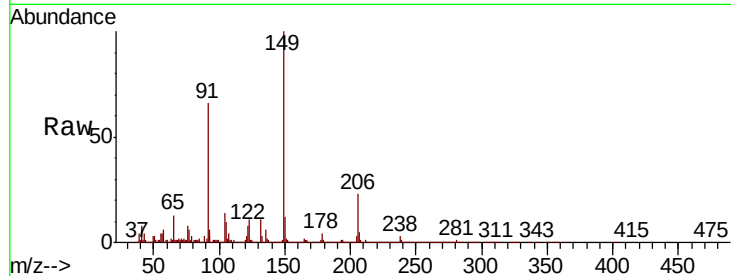




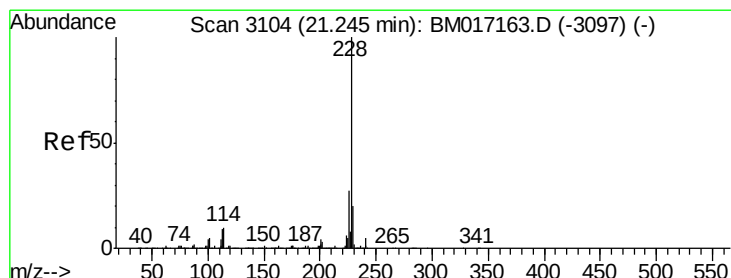
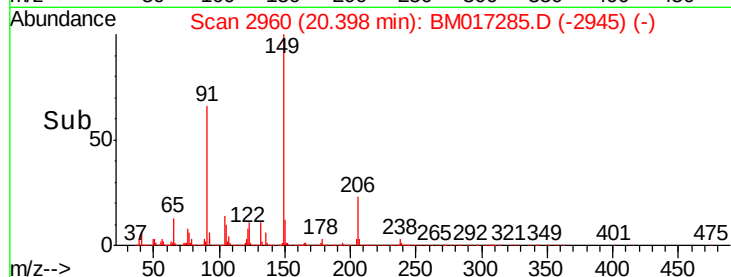
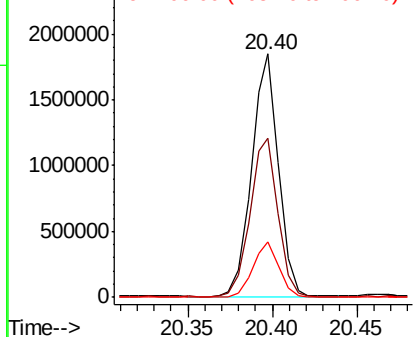
#80
Butylbenzylphthalate
Concen: 55.874 ng
RT: 20.40 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 2021841
Ion Ratio Lower Upper
149 100
91 65.5 51.3 76.9
206 22.7 18.0 27.0

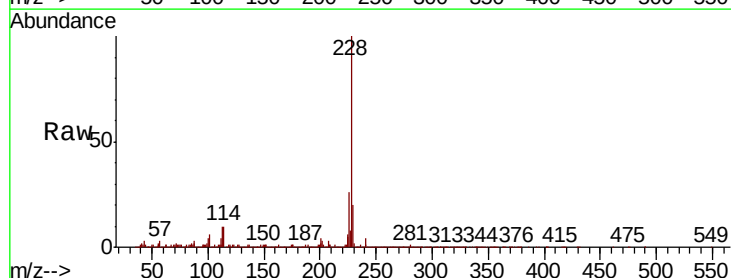


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E

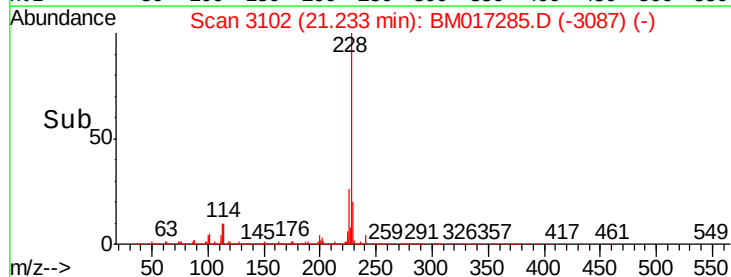
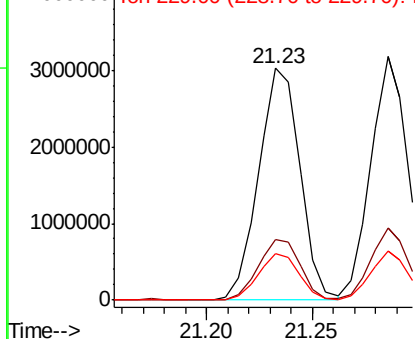


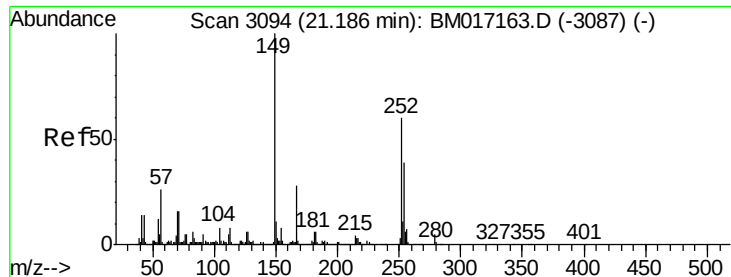
#81
Benzo(a)anthracene
Concen: 44.044 ng
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Tgt Ion:228 Resp: 4115083
Ion Ratio Lower Upper
228 100
226 26.4 21.4 32.0
229 19.8 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

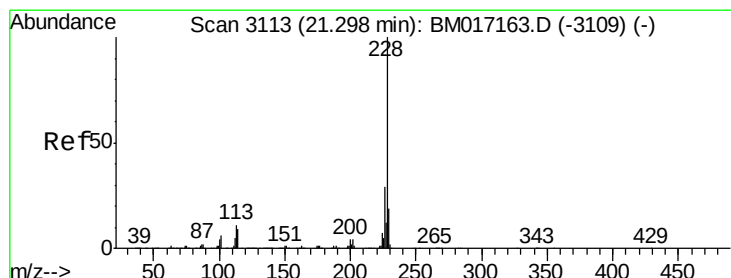
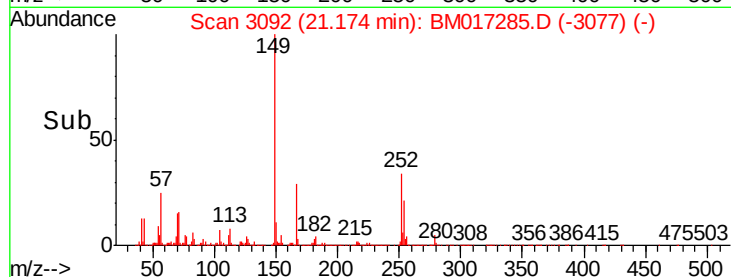
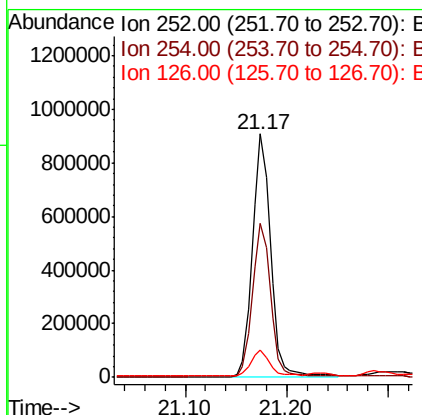
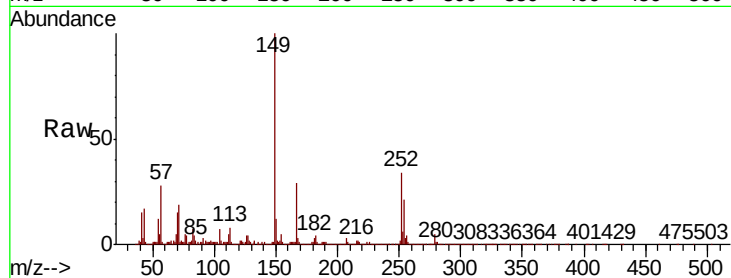




#82
 3,3'-Dichlorobenzidine
 Concen: 32.764 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017285.D
 Acq: 23 Oct 2018 15:22

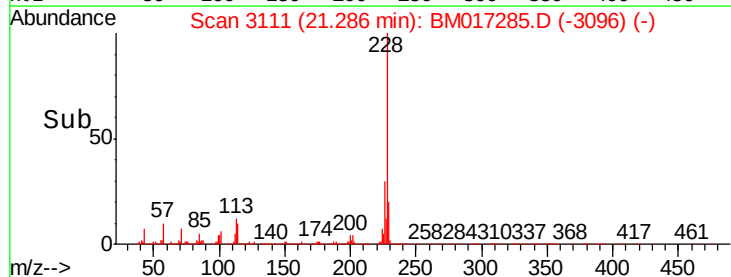
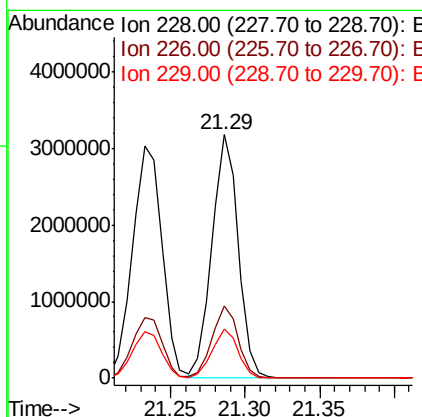
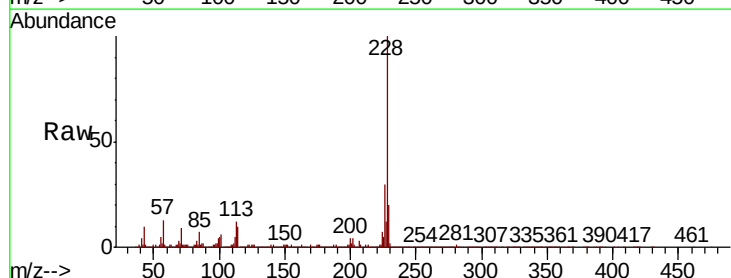
Instrument :
 BNA_M
 ClientSampleId :

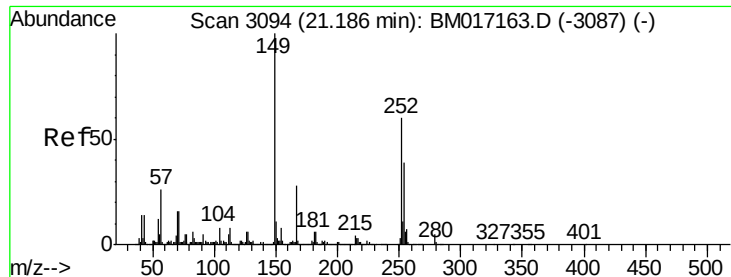
Tot Ion:252 Resp: 1140920
 Ion Ratio Lower Upper
 252 100
 254 63.0 52.1 78.1
 126 11.0 8.6 12.8



#83
 Chrysene
 Concen: 42.114 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BM017285.D
 Acq: 23 Oct 2018 15:22

Tgt Ion:228 Resp: 3894590
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.3 34.9
 229 20.0 15.6 23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 53.532 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

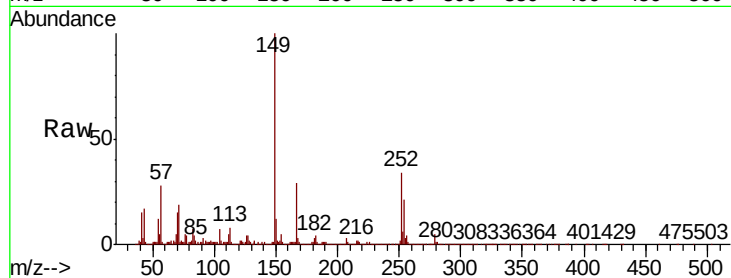
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 2929257

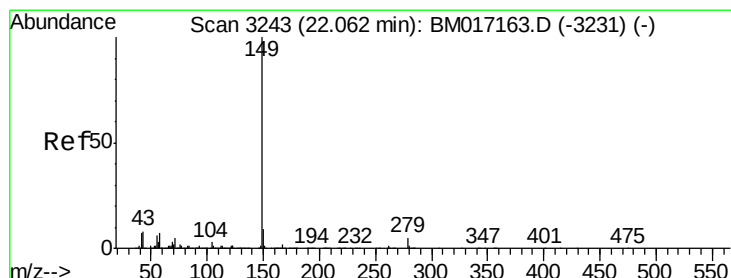
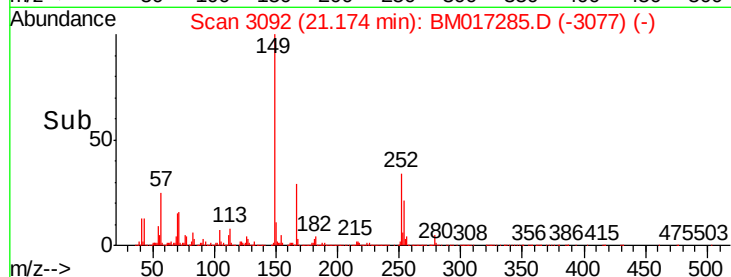
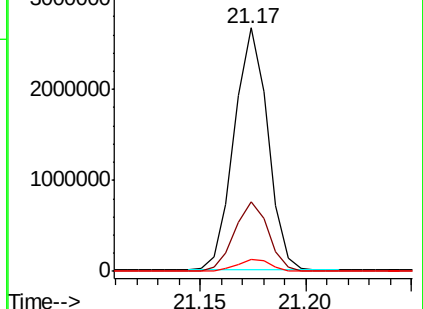
Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.2	33.4
279	5.0	3.6	5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 52.938 ng

RT: 22.05 min Scan# 3241

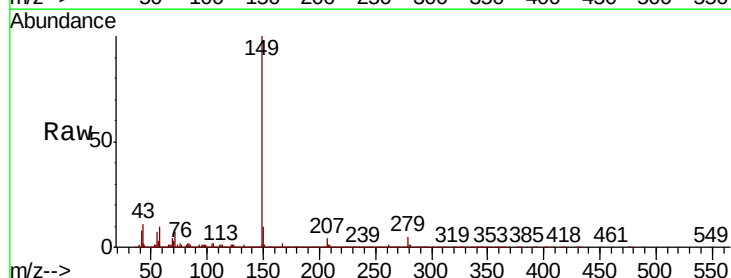
Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Tgt Ion:149 Resp: 4904552

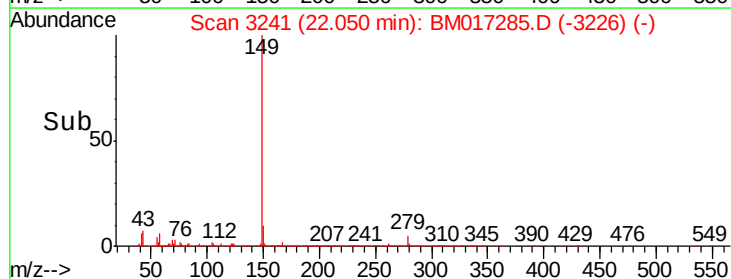
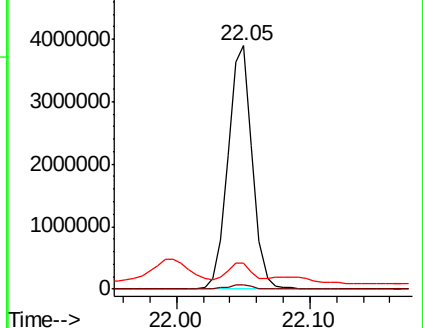
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	7.9	7.2	10.8

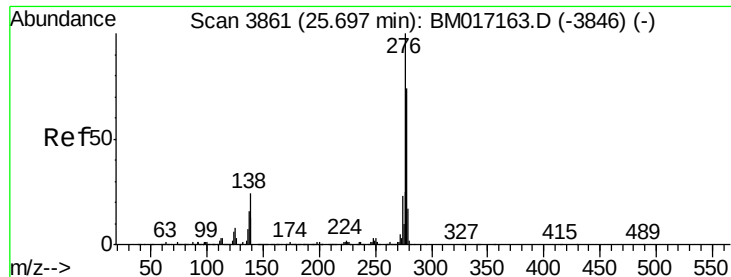


Abundance Ion 149.00 (148.70 to 149.70): E

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: 34.208 ng

RT: 25.67 min Scan# 3857

Delta R.T. -0.02 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

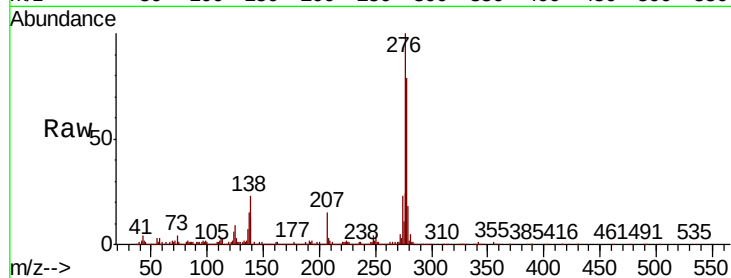
Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 3538256

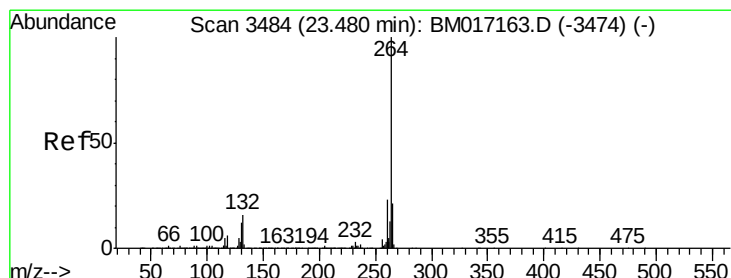
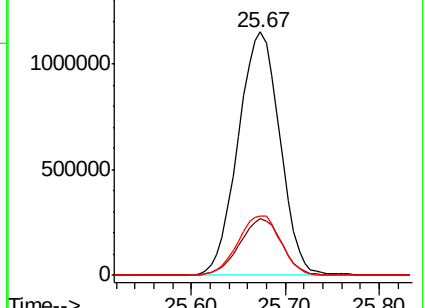
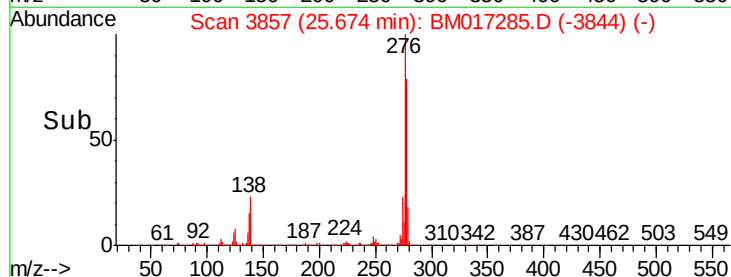
Ion	Ratio	Lower	Upper
276	100		
138	23.0	19.5	29.3
277	25.1	20.1	30.1



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

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

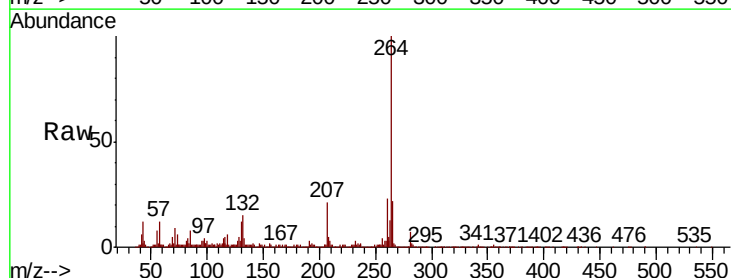
Delta R.T. -0.02 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Tgt Ion:264 Resp: 1506330

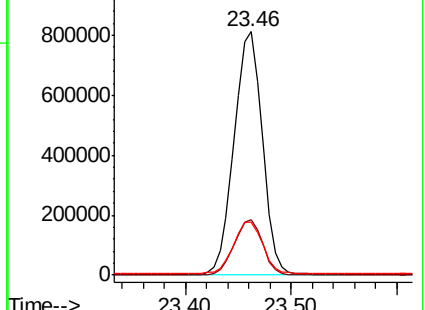
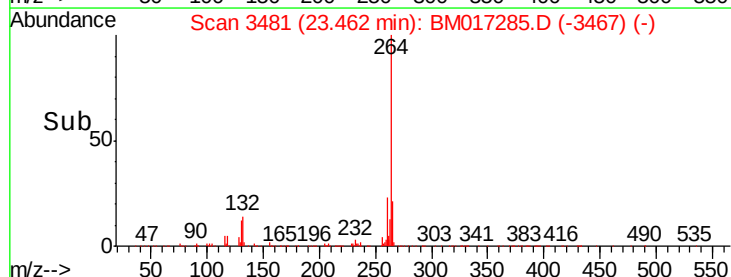
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	21.8	17.8	26.8

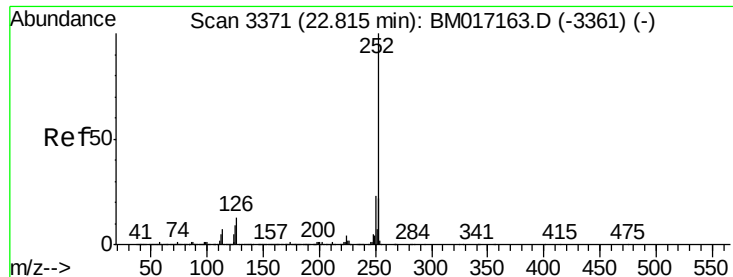


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

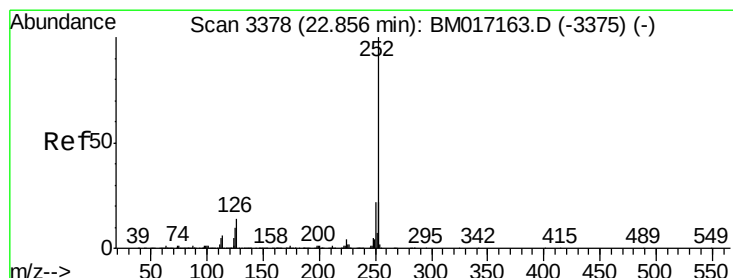
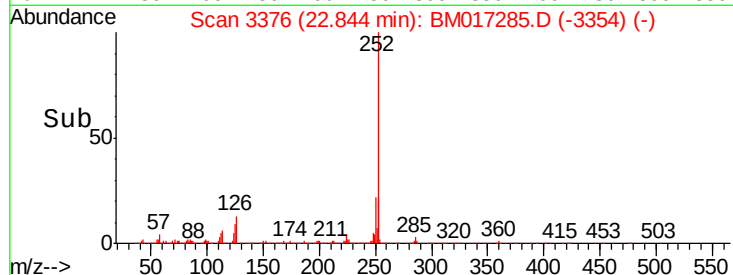
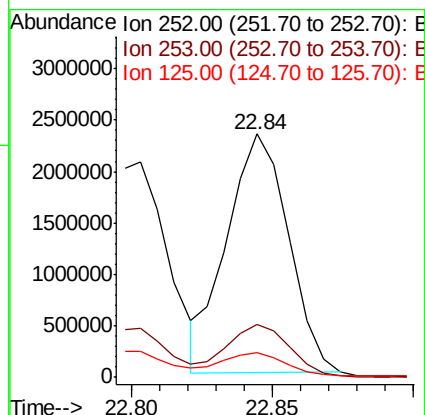
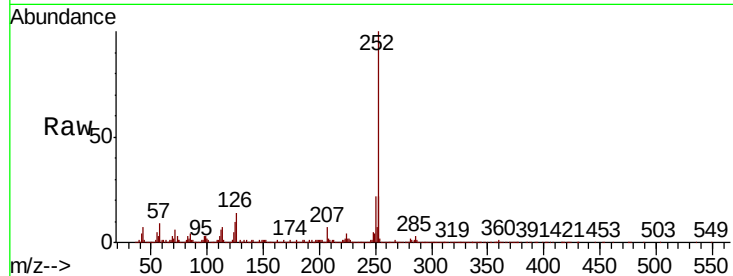




#88
Benzo(b)fluoranthene
Concen: 42.642 ng
RT: 22.84 min Scan# 3376
Delta R.T. 0.03 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

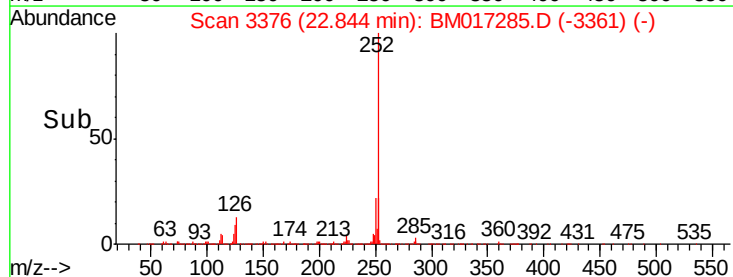
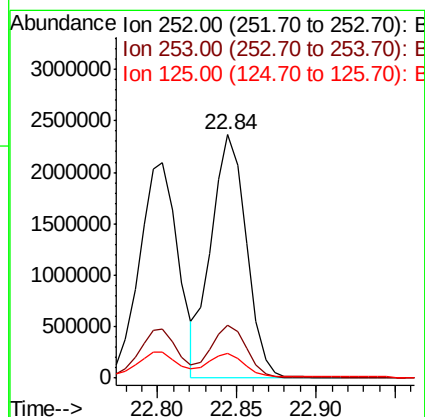
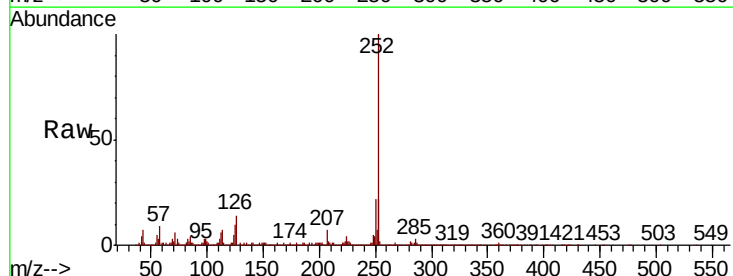
Instrument :
BNA_M
ClientSampleId :

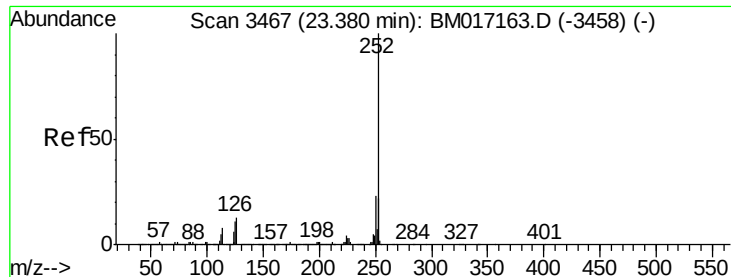
Tot Ion:252 Resp: 3511832
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.0 7.5 11.3



#89
Benzo(k)fluoranthene
Concen: 44.203 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017285.D
Acq: 23 Oct 2018 15:22

Tgt Ion:252 Resp: 3652858
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.0 8.2 12.2





#90

Benzo(a)pyrene

Concen: 43.033 ng

RT: 23.37 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Instrument :

BNA_M

ClientSampled :

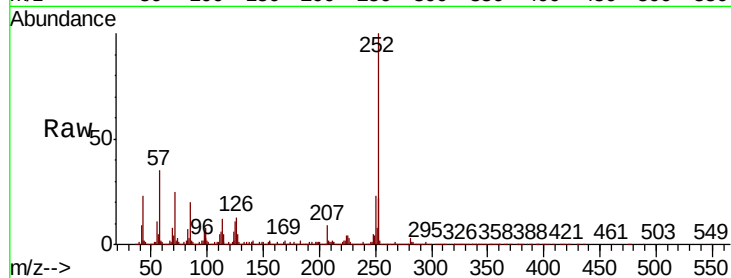
Tot Ion:252 Resp: 3364954

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

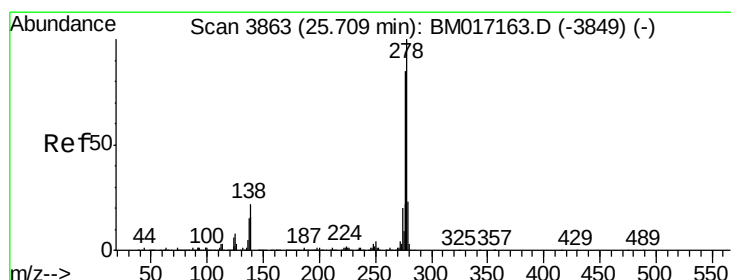
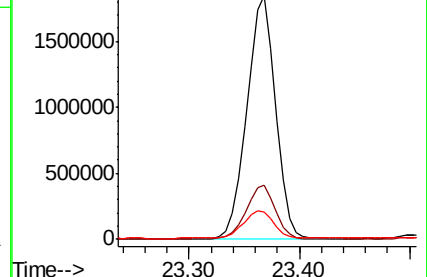
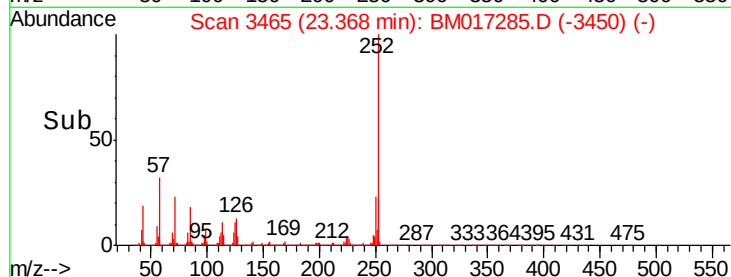
125 11.2 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 38.832 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

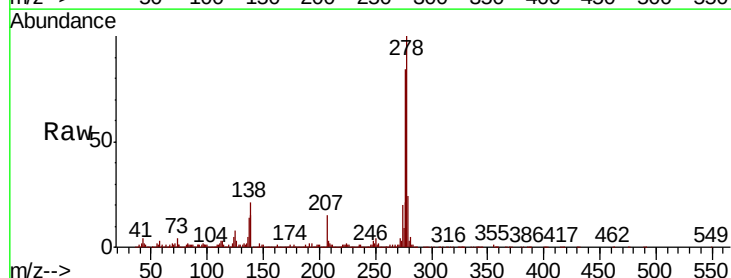
Tgt Ion:278 Resp: 3015108

Ion Ratio Lower Upper

278 100

139 15.0 12.7 19.1

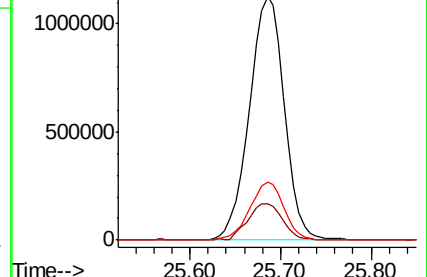
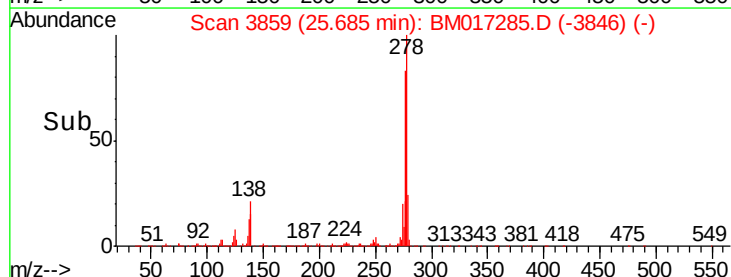
279 23.8 18.7 28.1

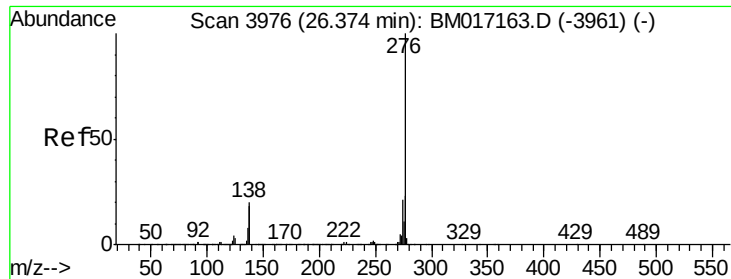


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 37.328 ng

RT: 26.35 min Scan# 3972

Delta R.T. -0.02 min

Lab File: BM017285.D

Acq: 23 Oct 2018 15:22

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 2872554

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 19.7 16.4 24.6

