

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
 Data File : BM017595.D
 Acq On : 09 Nov 2018 17:24
 Operator : MJ/SJ
 Sample : PB114669BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

Quant Time: Nov 12 00:31:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	226343	20.00	ng	-0.02
21) Naphthalene-d8	10.39	136	1002365	20.00	ng	-0.03
39) Acenaphthene-d10	14.26	164	606424	20.00	ng	-0.03
64) Phenanthrene-d10	17.02	188	1395747	20.00	ng	-0.03
76) Chrysene-d12	21.22	240	1470080	20.00	ng	-0.02
87) Perylene-d12	23.41	264	1306120	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	2339806	174.84	ng	-0.02
7) Phenol-d6	6.82	99	3170774	173.97	ng	-0.02
23) Nitrobenzene-d5	8.77	82	1553884	90.67	ng	-0.03
42) 2,4,6-Tribromophenol	15.77	330	1460094	178.04	ng	-0.02
45) 2-Fluorobiphenyl	12.88	172	3735436	81.96	ng	-0.02
79) Terphenyl-d14	19.66	244	5598654	85.84	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	202562	29.642	ng	# 80
3) Pyridine	3.61	79	600201	38.172	ng	# 76
4) n-Nitrosodimethylamine	3.53	42	329084	52.135	ng	# 63
6) Aniline	6.96	93	898766	39.424	ng	95
8) 2-Chlorophenol	7.19	128	722523	46.669	ng	92
9) Benzaldehyde	6.78	77	450019	38.724	ng	93
10) Phenol	6.84	94	898245	45.792	ng	97
11) bis(2-Chloroethyl)ether	7.06	93	630074	40.294	ng	94
12) 1,3-Dichlorobenzene	7.51	146	722301	40.022	ng	96
13) 1,4-Dichlorobenzene	7.66	146	737049	39.972	ng	97
14) 1,2-Dichlorobenzene	7.96	146	711627	40.056	ng	99
15) Benzyl Alcohol	7.87	79	645282	48.436	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.15	45	956901	43.801	ng	96
17) 2-Methylphenol	8.07	107	612220	48.625	ng	95
18) Hexachloroethane	8.68	117	271187	42.975	ng	97
19) n-Nitroso-di-n-propylamine	8.43	70	542710	45.221	ng	96
20) 3+4-Methylphenols	8.39	107	833829	48.421	ng	95
22) Acetophenone	8.44	105	1046798	41.198	ng	# 95
24) Nitrobenzene	8.82	77	806444	44.484	ng	92
25) Isophorone	9.34	82	1436865	50.771	ng	96
26) 2-Nitrophenol	9.52	139	387739	45.973	ng	94
27) 2,4-Dimethylphenol	9.59	122	682056	54.503	ng	97
28) bis(2-Chloroethoxy)methane	9.82	93	904803	45.423	ng	99
29) 2,4-Dichlorophenol	10.05	162	708192	48.741	ng	96
30) 1,2,4-Trichlorobenzene	10.26	180	712674	40.888	ng	97
31) Naphthalene	10.44	128	2176986	44.318	ng	99
32) Benzoic acid	9.76	122	482134	51.636	ng	92
33) 4-Chloroaniline	10.57	127	523295	24.666	ng	96
34) Hexachlorobutadiene	10.72	225	426631	38.630	ng	99
35) Caprolactam	11.37	113	65254	12.323	ng	97
36) 4-Chloro-3-methylphenol	11.69	107	787898	48.107	ng	97
37) 2-Methylnaphthalene	12.06	142	1664512	49.518	ng	99
38) 1-Methylnaphthalene	12.28	142	1574637	48.130	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	855854	40.075	ng	# 98

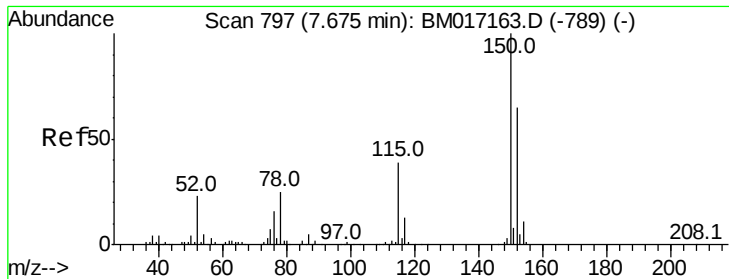
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.41	237	1183933	114.674	ng	100
43) 2,4,6-Trichlorophenol	12.69	196	598474	48.274	ng	100
44) 2,4,5-Trichlorophenol	12.76	196	637821	47.978	ng	97
46) 1,1'-Biphenyl	13.09	154	2134949	39.122	ng	98
47) 2-Chloronaphthalene	13.13	162	1654959	41.223	ng	99
48) 2-Nitroaniline	13.35	65	539107	47.587	ng	98
49) Acenaphthylene	13.99	152	2755070	47.344	ng	100
50) Dimethylphthalate	13.74	163	2126735	45.457	ng	100
51) 2,6-Dinitrotoluene	13.86	165	477067	46.329	ng	95
52) Acenaphthene	14.33	154	1590718	43.536	ng	98
53) 3-Nitroaniline	14.19	138	356902	32.002	ng	92
54) 2,4-Dinitrophenol	14.40	184	588553	95.635	ng	95
55) Dibenzofuran	14.67	168	2582208	42.498	ng	99
56) 4-Nitrophenol	14.52	139	1147546	110.960	ng	94
57) 2,4-Dinitrotoluene	14.65	165	674277	48.719	ng	# 88
58) Fluorene	15.32	166	2129038	47.339	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.90	232	598345	49.377	ng	97
60) Diethylphthalate	15.11	149	2185536	47.104	ng	100
61) 4-Chlorophenyl-phenylether	15.32	204	1069529	41.714	ng	97
62) 4-Nitroaniline	15.36	138	467695	38.610	ng	96
63) Azobenzene	15.62	77	2164677	47.999	ng	96
65) 4,6-Dinitro-2-methylphenol	15.42	198	396035	44.743	ng	94
66) n-Nitrosodiphenylamine	15.54	169	1864048	44.142	ng	97
67) 4-Bromophenyl-phenylether	16.22	248	682802	44.554	ng	98
68) Hexachlorobenzene	16.32	284	749115	42.080	ng	99
69) Atrazine	16.50	200	695291	46.004	ng	99
70) Pentachlorophenol	16.67	266	948133	77.748	ng	99
71) Phenanthrene	17.06	178	3372593	44.786	ng	99
72) Anthracene	17.15	178	3437359	48.039	ng	100
73) Carbazole	17.43	167	3079337	42.130	ng	100
74) Di-n-butylphthalate	18.00	149	3714885	48.188	ng	100
75) Fluoranthene	19.09	202	3877461	45.758	ng	98
77) Benzidine	19.29	184	2292687	61.506	ng	99
78) Pyrene	19.45	202	3975051	48.380	ng	100
80) Butylbenzylphthalate	20.36	149	1680389	52.886	ng	92
81) Benzo(a)anthracene	21.20	228	3835200	46.359	ng	100
82) 3,3'-Dichlorobenzidine	21.14	252	1196862	38.818	ng	100
83) Chrysene	21.26	228	3601596	43.984	ng	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	2407829	50.076	ng	99
85) Di-n-octyl phthalate	22.01	149	3948529	48.639	ng	97
86) Indeno(1,2,3-cd)pyrene	25.60	276	3234226	35.314	ng	99
88) Benzo(b)fluoranthene	22.76	252	3555301	49.787	ng	99
89) Benzo(k)fluoranthene	22.80	252	3397305	47.412	ng	99
90) Benzo(a)pyrene	23.32	252	3248526	47.912	ng	99
91) Dibenzo(a,h)anthracene	25.61	278	2758822	40.978	ng	99
92) Benzo(g,h,i)perylene	26.27	276	2621136	39.281	ng	99

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

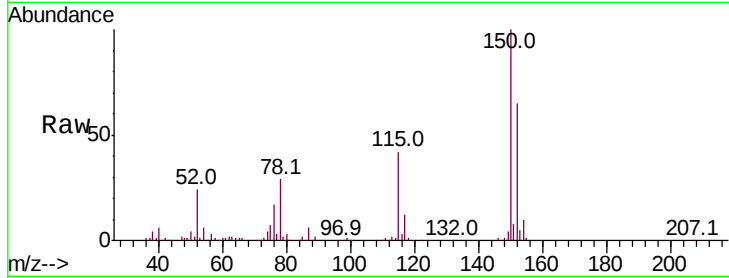


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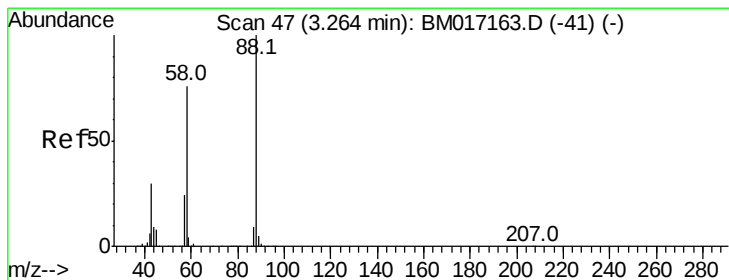
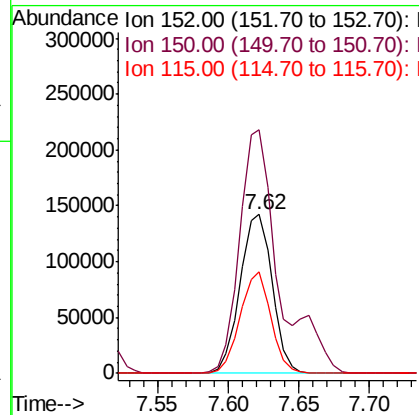
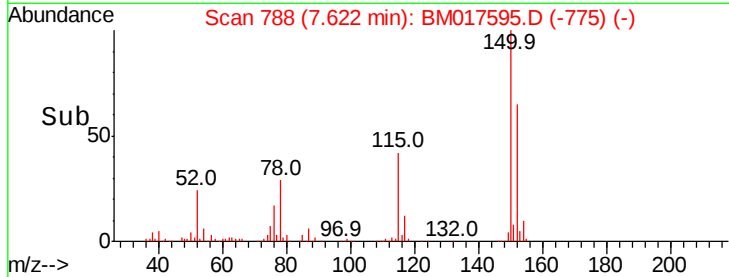
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion:152 Resp: 226343
Ion Ratio Lower Upper
152 100
150 153.5 124.3 186.5
115 63.7 48.1 72.1



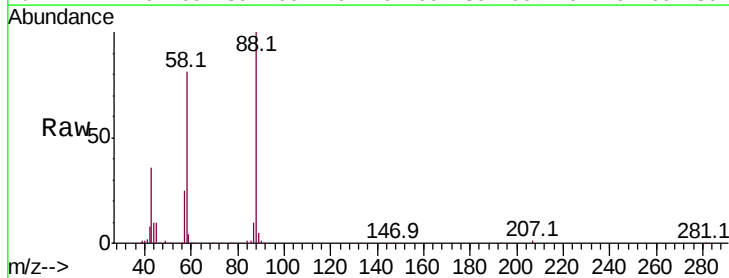
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



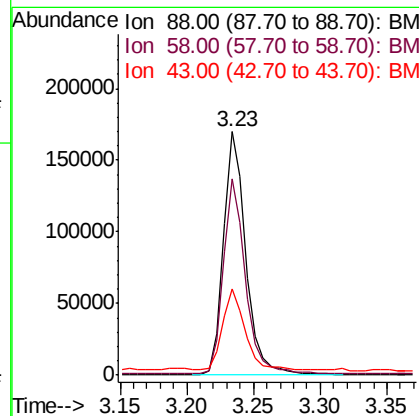
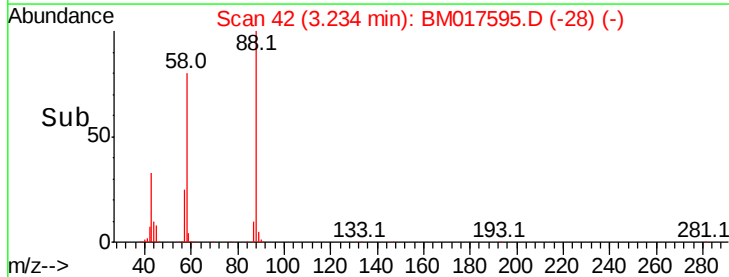
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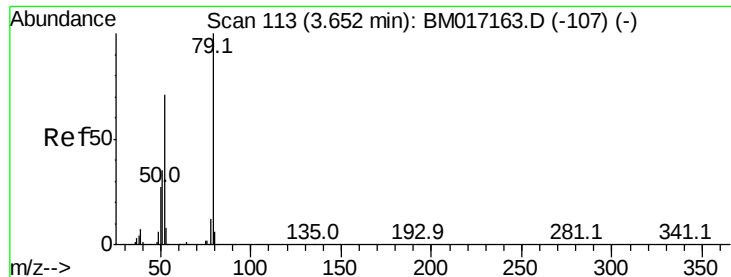
1,4-Dioxane
Concen: 29.642 ng
RT: 3.23 min Scan# 42
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion: 88 Resp: 202562
Ion Ratio Lower Upper
88 100
58 78.9 50.2 75.4#
43 32.8 19.3 28.9#



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





#3

Pvridine

Concen: 38.172 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

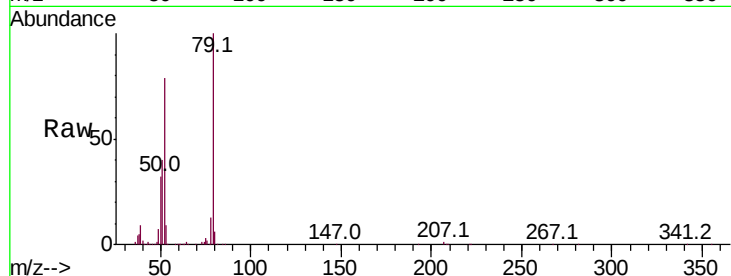
Tot Ion: 79 Resp: 600201

Ion Ratio Lower Upper

79 100

52 78.6 46.5 69.7#

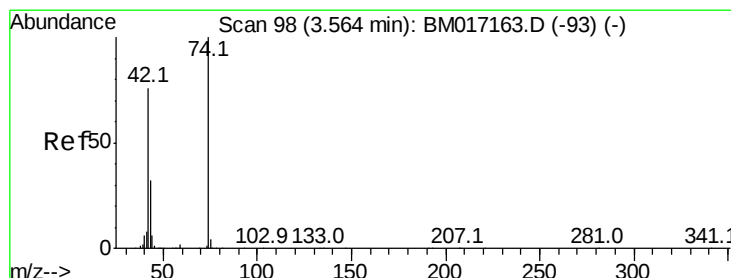
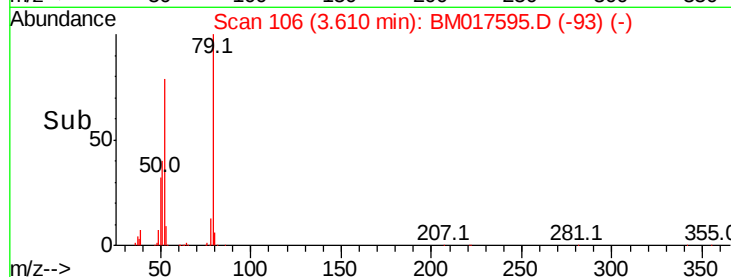
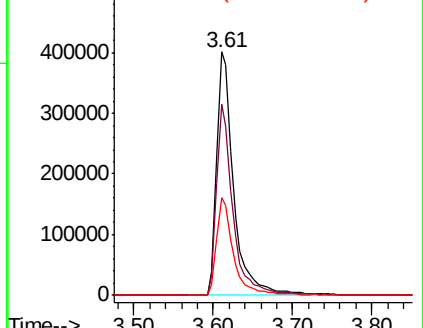
51 40.2 24.6 37.0#



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-107) (-)

Ion 52.00 (51.70 to 52.70): BM017163.D (-107) (-)

Ion 51.00 (50.70 to 51.70): BM017163.D (-107) (-)



#4

n-Nitrosodimethylamine

Concen: 52.135 ng

RT: 3.53 min Scan# 93

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

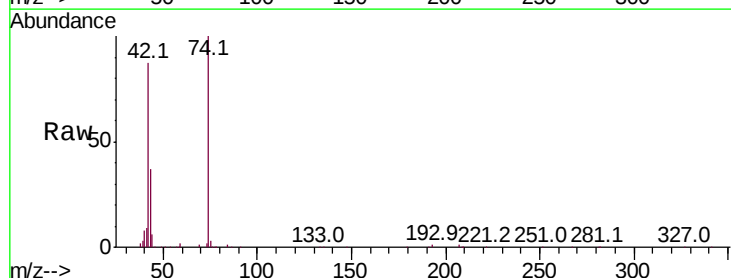
Tgt Ion: 42 Resp: 329084

Ion Ratio Lower Upper

42 100

74 114.7 114.4 171.6

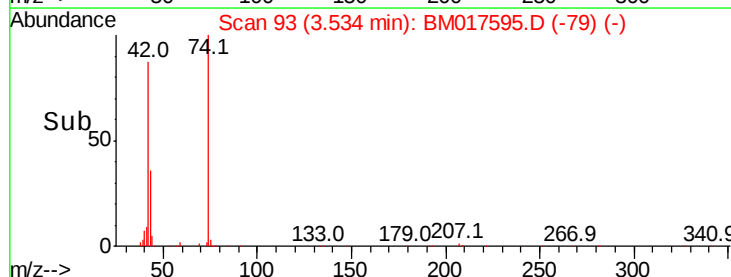
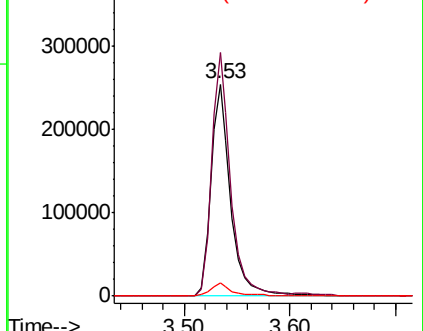
44 6.4 48.6 73.0#

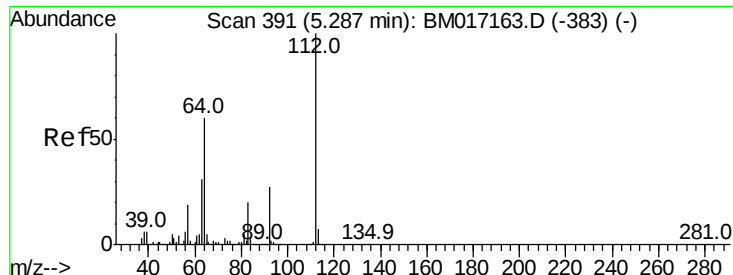


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-93) (-)

Ion 74.00 (73.70 to 74.70): BM017163.D (-93) (-)

Ion 44.00 (43.70 to 44.70): BM017163.D (-93) (-)





#5

2-Fluorophenol

Concen: 174.841 ng

RT: 5.25 min Scan# 384

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

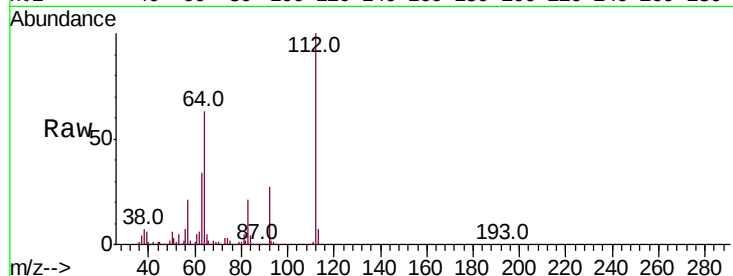
Tot Ion:112 Resp: 2339806

Ion Ratio Lower Upper

112 100

64 63.2 41.7 62.5#

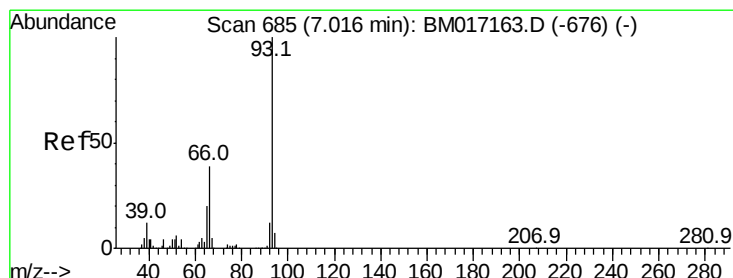
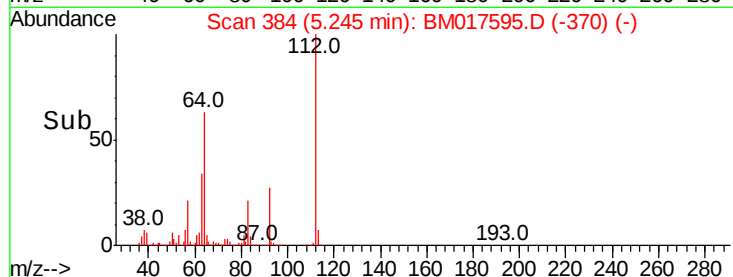
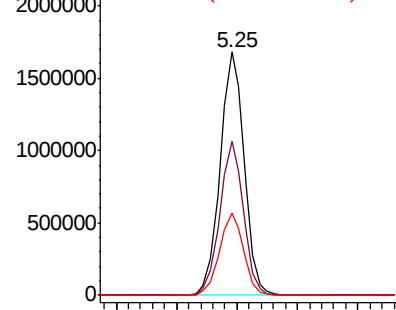
63 33.6 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 39.424 ng

RT: 6.96 min Scan# 676

Delta R.T. -0.03 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

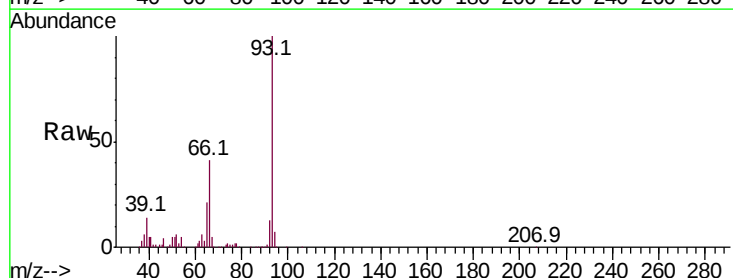
Tgt Ion: 93 Resp: 898766

Ion Ratio Lower Upper

93 100

66 41.2 30.4 45.6

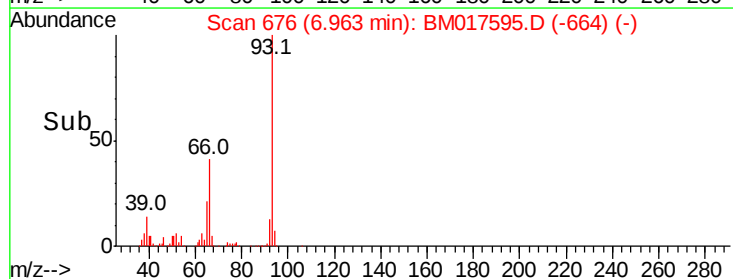
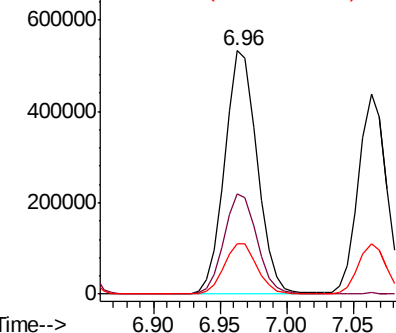
65 20.7 15.3 22.9

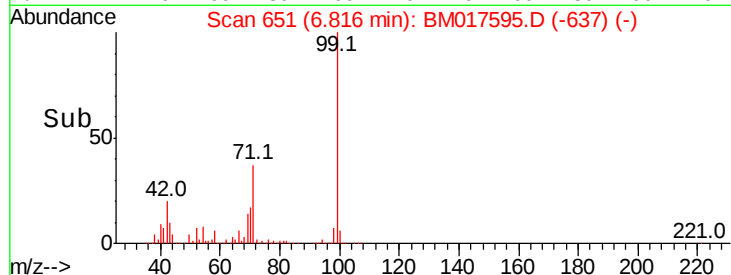
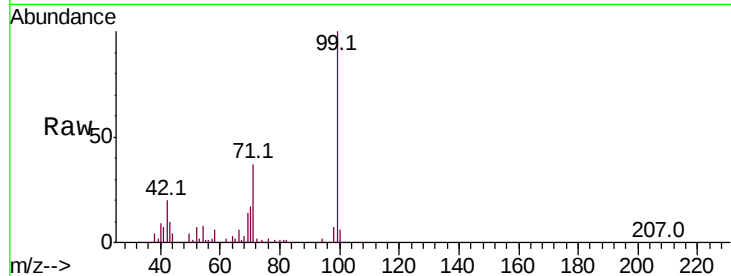
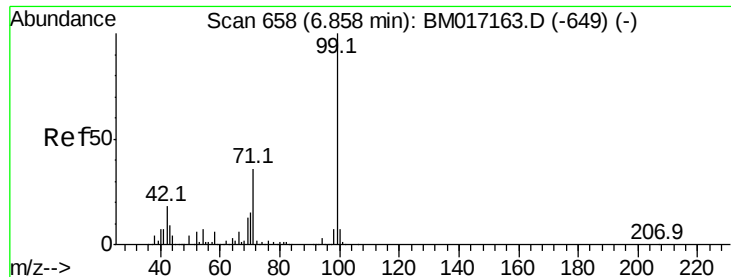


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 173.968 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017595.D

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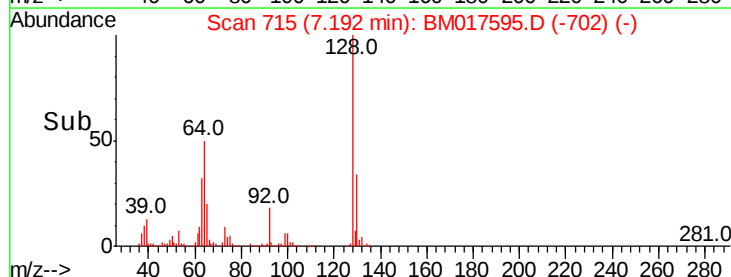
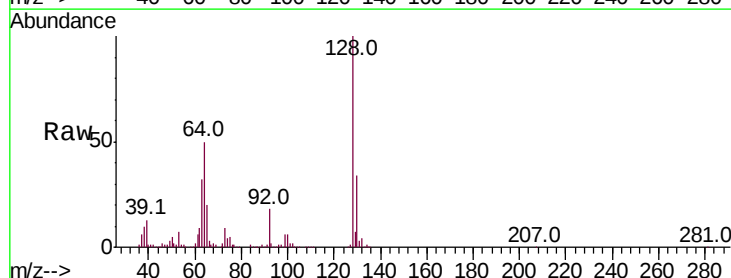
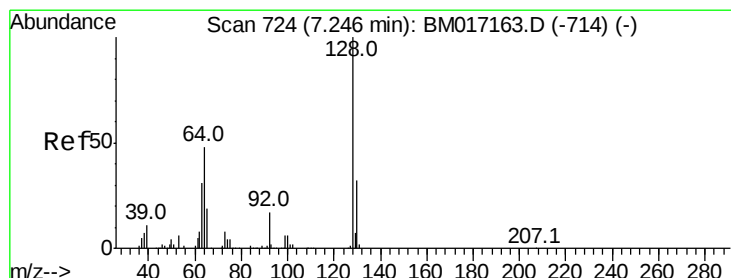
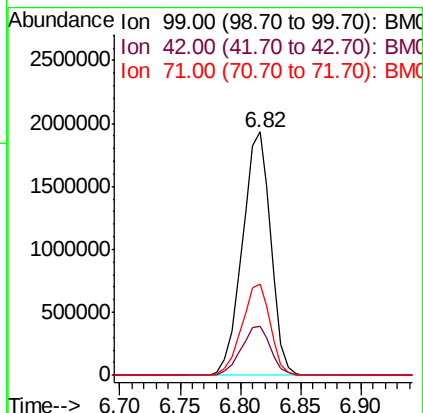
Tot Ion: 99 Resp: 3170774

Ion Ratio Lower Upper

99 100

42 20.4 13.3 19.9#

71 37.4 28.0 42.0



#8

2-Chlorophenol

Concen: 46.669 ng

RT: 7.19 min Scan# 715

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

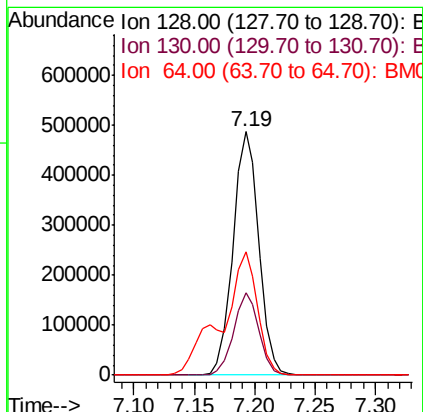
Tgt Ion: 128 Resp: 722523

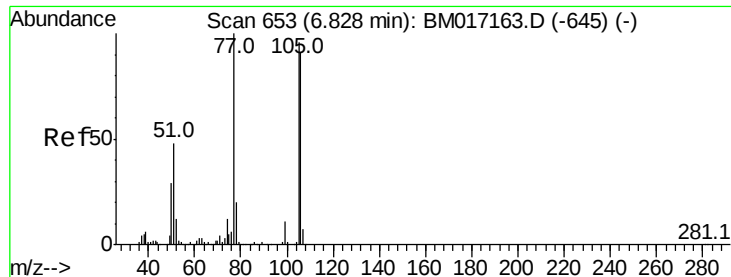
Ion Ratio Lower Upper

128 100

130 33.7 11.0 51.0

64 50.4 24.1 64.1





#9

Benzaldehyde

Concen: 38.724 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

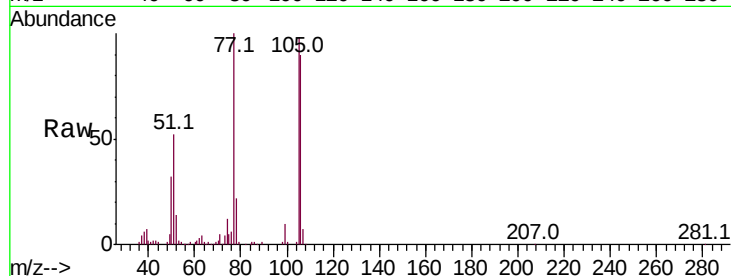
Tot Ion: 77 Resp: 450019

Ion Ratio Lower Upper

77 100

105 97.9 83.9 123.9

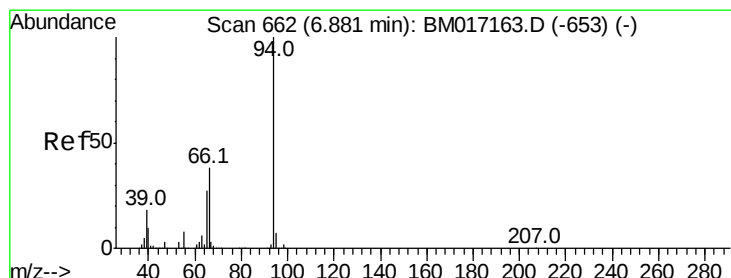
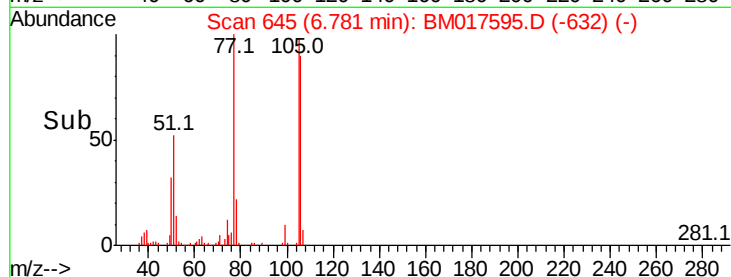
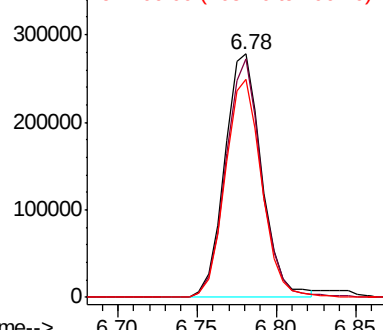
106 89.5 78.2 118.2



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

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

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



#10

Phenol

Concen: 45.792 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

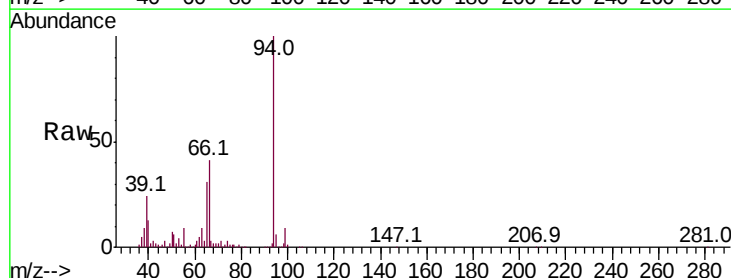
Tgt Ion: 94 Resp: 898245

Ion Ratio Lower Upper

94 100

65 30.7 9.4 49.4

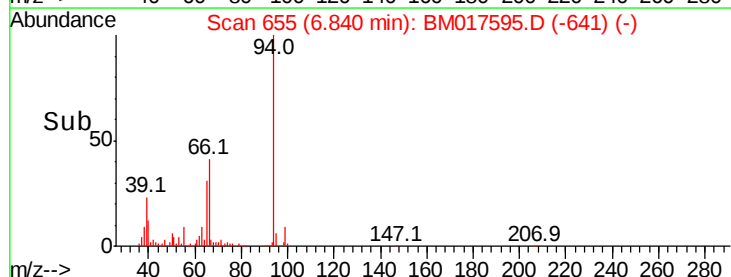
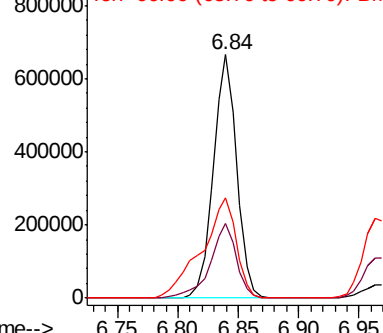
66 41.3 19.0 59.0

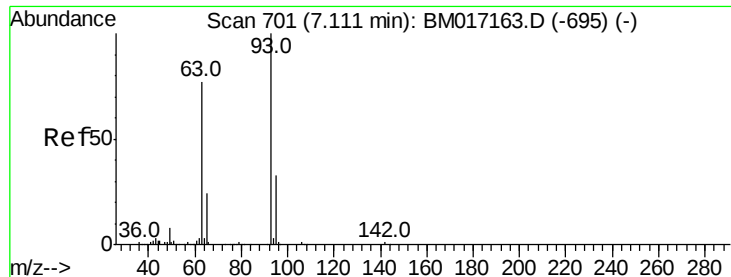


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-653) (-)

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

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

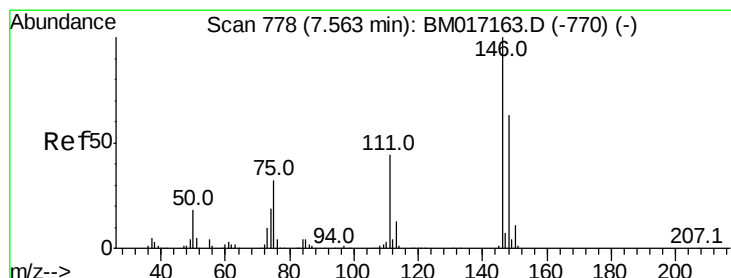
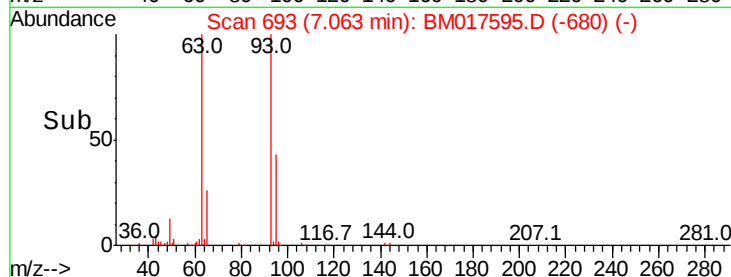
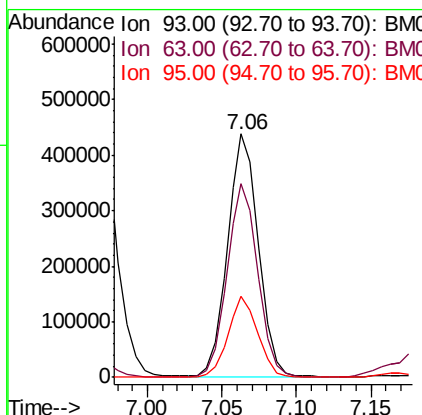
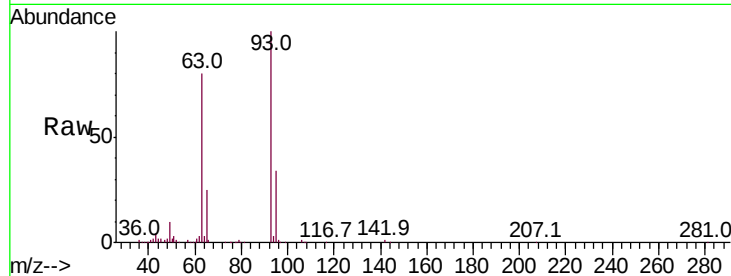




#11
bis(2-Chloroethyl)ether
Concen: 40.294 ng
RT: 7.06 min Scan# 693
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

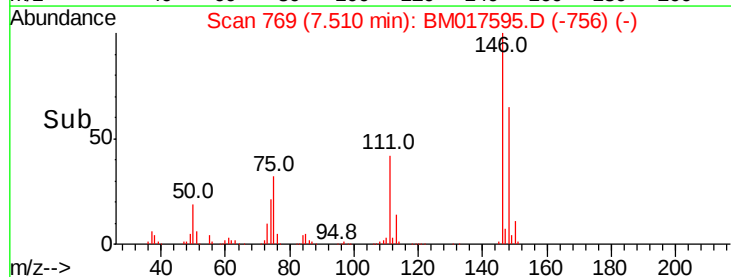
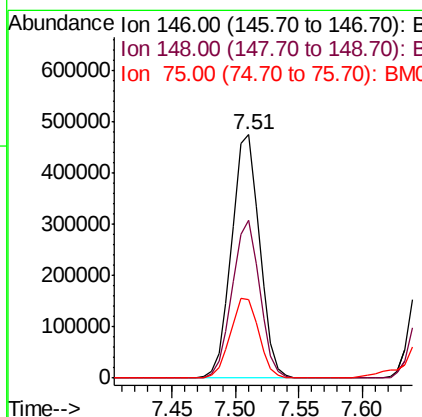
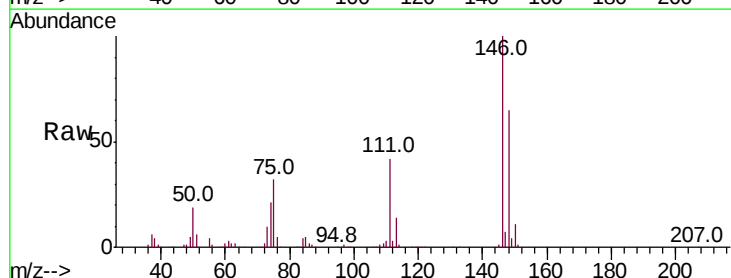
Instrument :
BNA_M
ClientSampleId :
PB114669BS

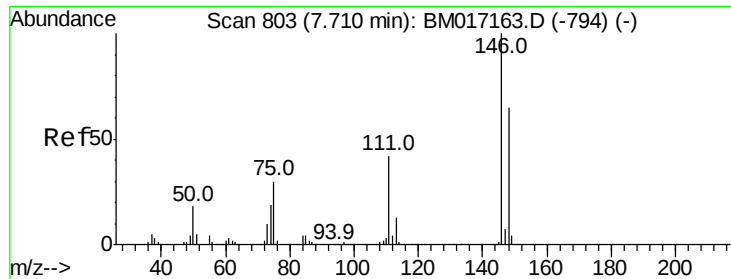
Tot Ion: 93 Resp: 630074
Ion Ratio Lower Upper
93 100
63 79.7 54.0 94.0
95 33.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.022 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion: 146 Resp: 722301
Ion Ratio Lower Upper
146 100
148 64.8 50.2 75.4
75 32.2 23.3 34.9

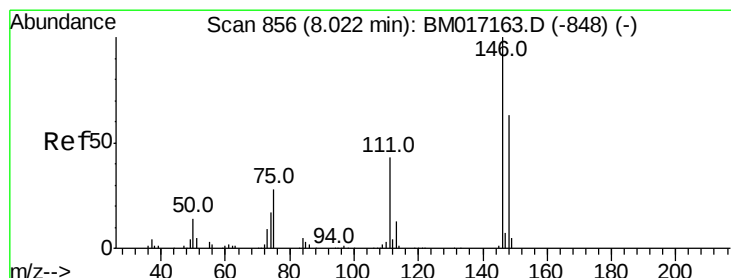
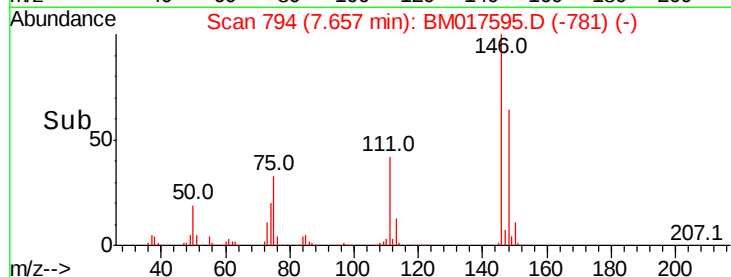
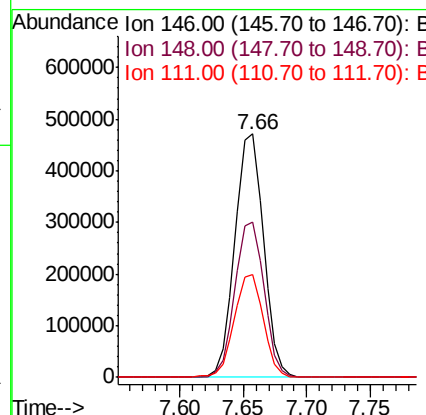
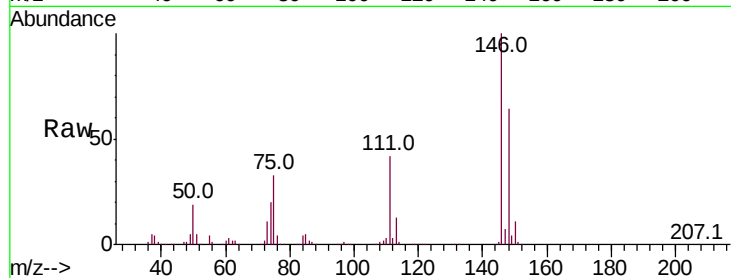




#13
 1,4-Dichlorobenzene
 Concen: 39.972 ng
 RT: 7.66 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

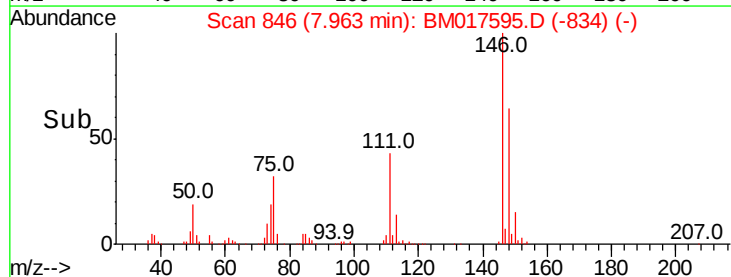
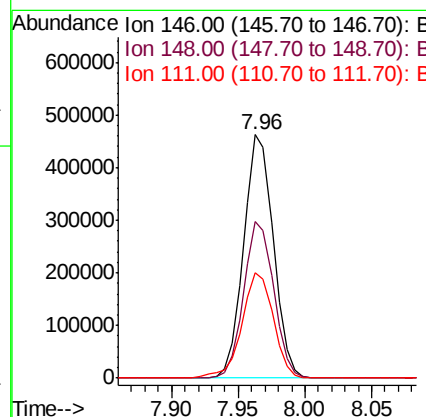
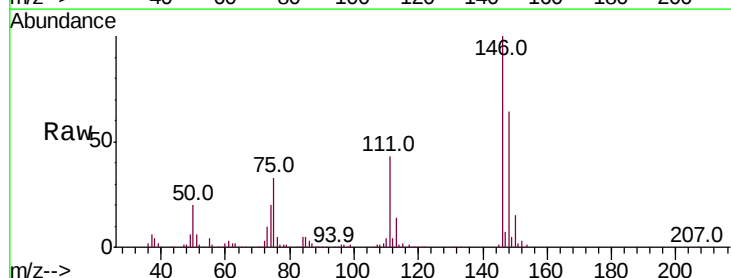
Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

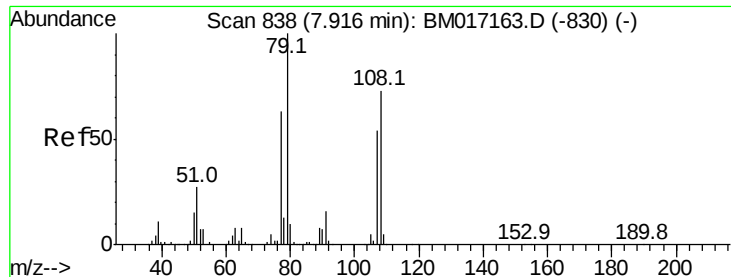
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	49.8	74.6
111	42.2	32.1	48.1



#14
 1,2-Dichlorobenzene
 Concen: 40.056 ng
 RT: 7.96 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	43.4	33.8	50.6





#15

Benzyl Alcohol

Concen: 48.436 ng

RT: 7.87 min Scan# 830

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampled :

PB114669BS

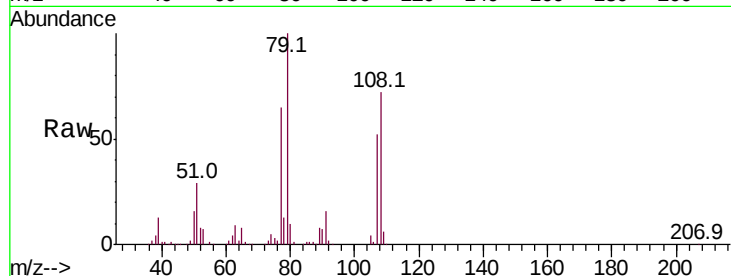
Tot Ion: 79 Resp: 645282

Ion Ratio Lower Upper

79 100

108 72.1 60.3 90.5

77 65.2 54.8 82.2



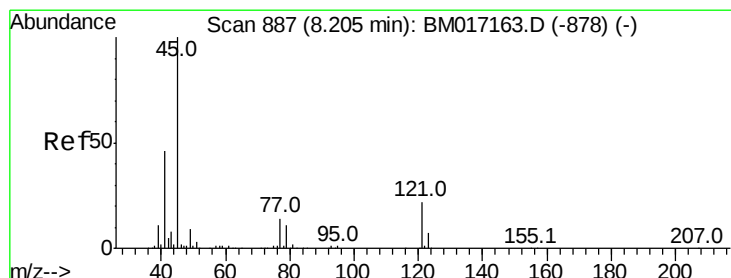
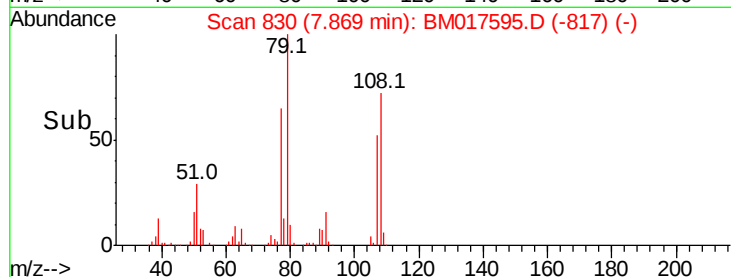
Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-830) (-)

Ion 108.00 (107.70 to 108.70): BM017163.D (-830) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-830) (-)

7.87

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.801 ng

RT: 8.15 min Scan# 877

Delta R.T. -0.03 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

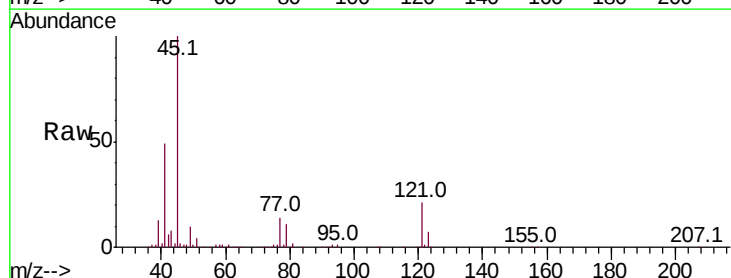
Tgt Ion: 45 Resp: 956901

Ion Ratio Lower Upper

45 100

77 13.9 0.0 35.5

79 10.8 0.0 32.1



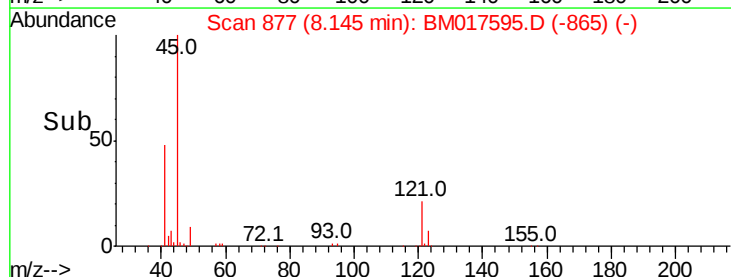
Abundance Ion 45.00 (44.70 to 45.70): BM017163.D (-878) (-)

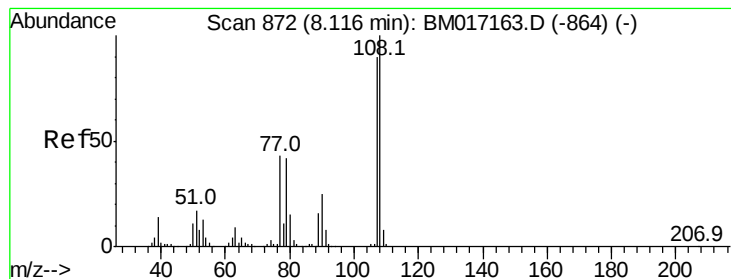
Ion 77.00 (76.70 to 77.70): BM017163.D (-878) (-)

Ion 79.00 (78.70 to 79.70): BM017163.D (-878) (-)

8.15

Time-->

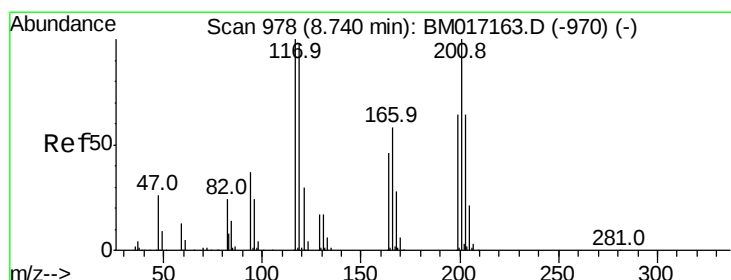
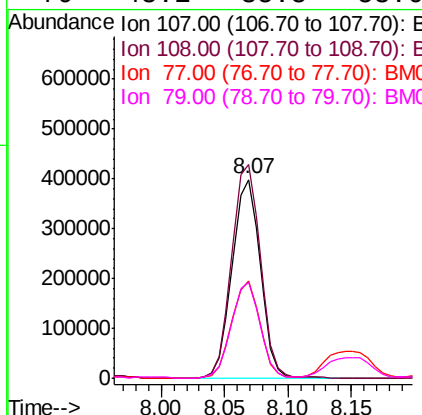
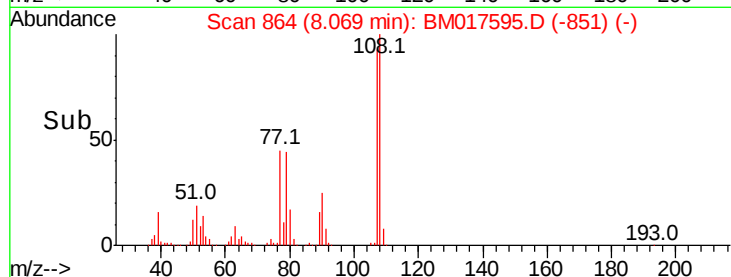
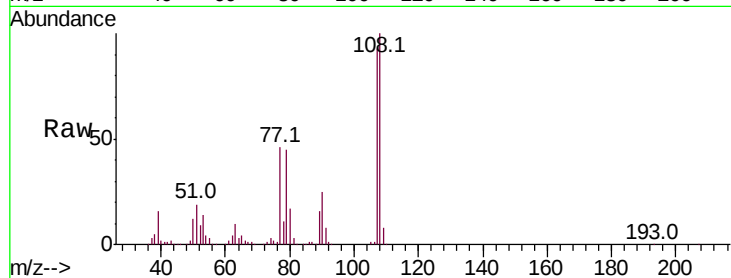




#17
2-Methylphenol
Concen: 48.625 ng
RT: 8.07 min Scan# 864
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

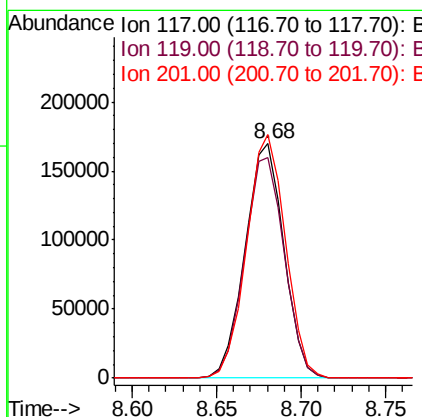
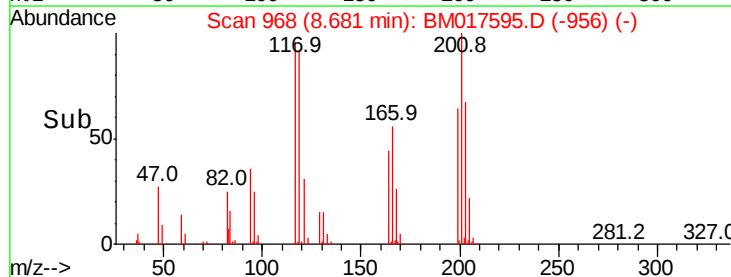
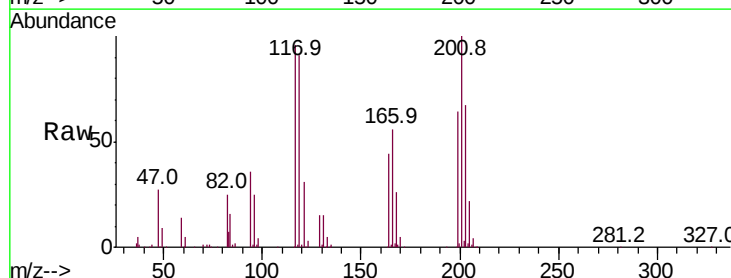
Instrument :
BNA_M
ClientSampleId :
PB114669BS

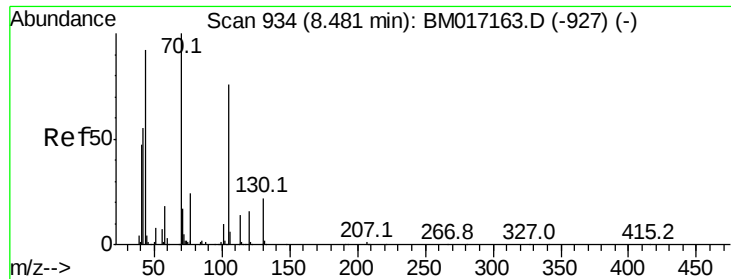
Tot Ion	Ratio	Lower	Upper
107	100		
108	107.6	90.3	135.5
77	49.1	37.0	55.4
79	48.1	35.8	53.6



#18
Hexachloroethane
Concen: 42.975 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	78.2	117.2
201	103.9	85.3	127.9

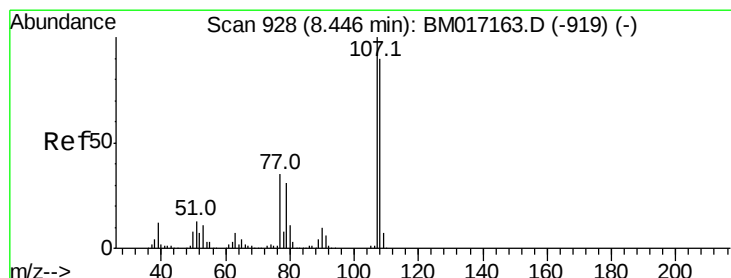
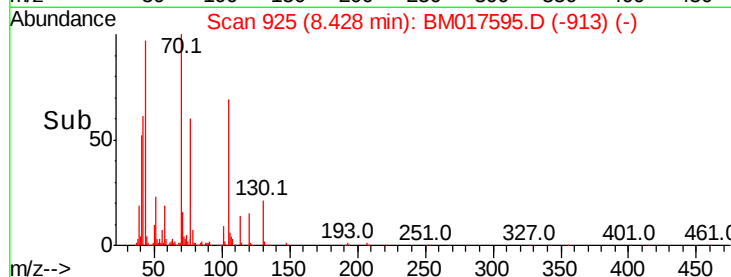
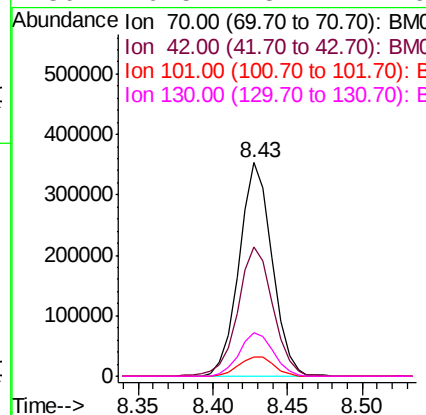
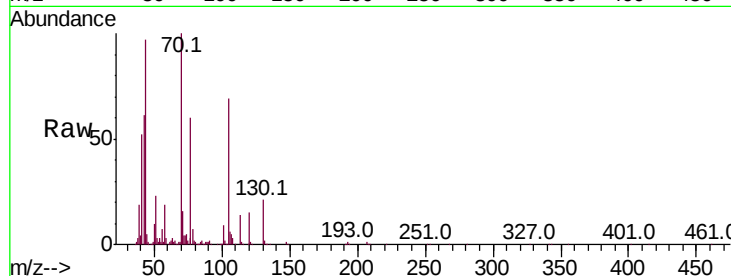




#19
n-Nitroso-di-n-propylamine
Concen: 45.221 ng
RT: 8.43 min Scan# 925
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

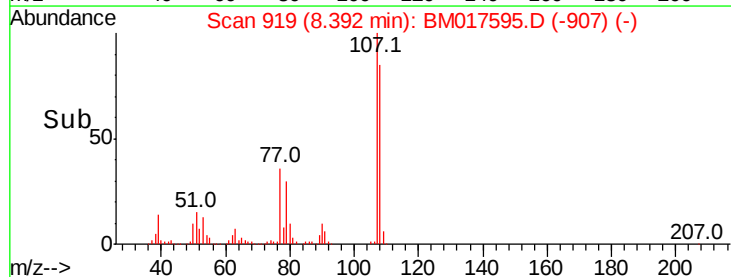
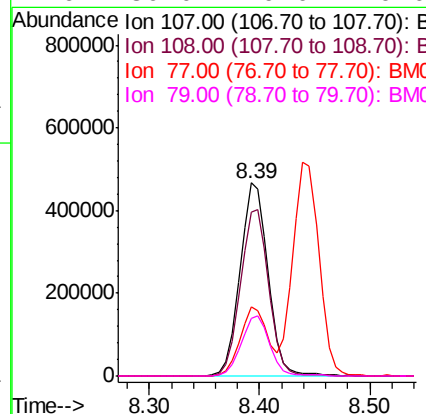
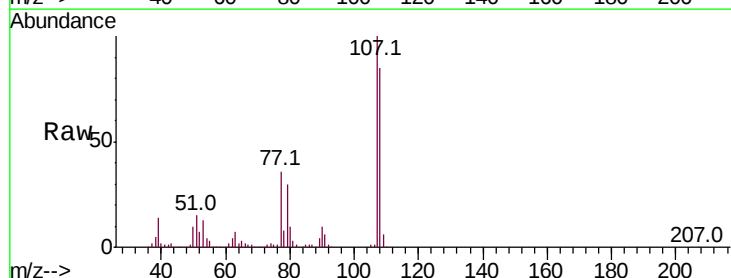
Instrument :
BNA_M
ClientSampleId :
PB114669BS

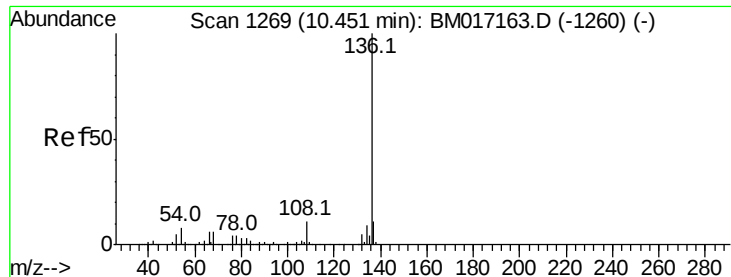
Tot Ion:	70	Resp:	542710
Ion	Ratio	Lower	Upper
70	100		
42	60.8	46.1	69.1
101	9.0	8.2	12.4
130	20.5	18.4	27.6



#20
3+4-Methylphenols
Concen: 48.421 ng
RT: 8.39 min Scan# 919
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion:	107	Resp:	833829
Ion	Ratio	Lower	Upper
107	100		
108	85.1	69.9	109.9
77	35.9	12.2	52.2
79	30.0	9.0	49.0

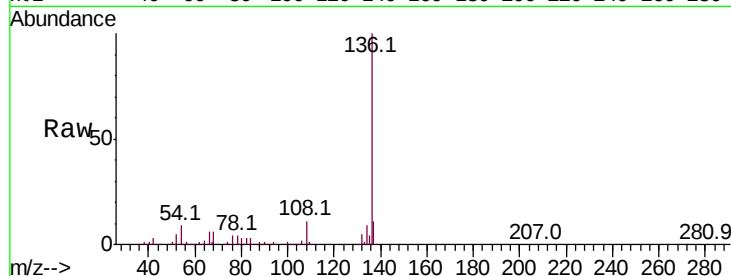




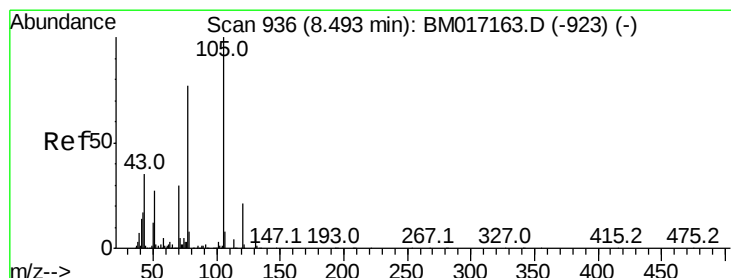
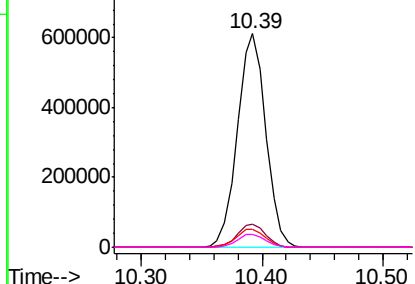
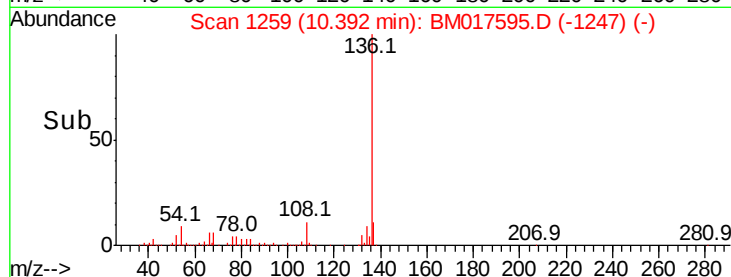
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion:136	Resp: 1002365
Ion Ratio	Lower Upper
136 100	
137 10.8	9.2 13.8
54 8.5	6.7 10.1
68 6.0	4.7 7.1

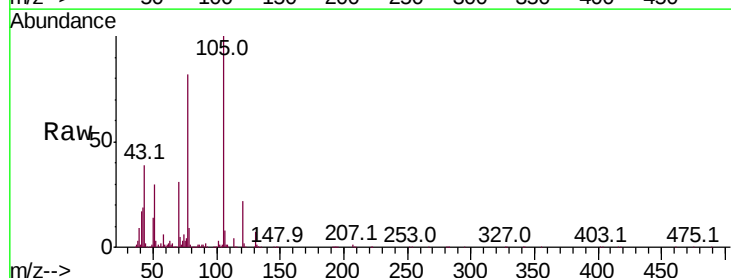


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

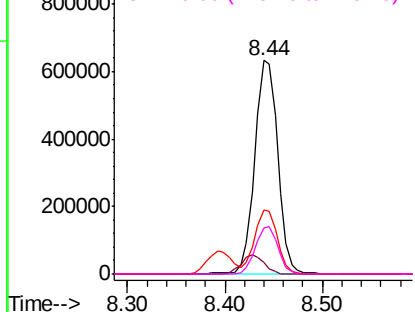
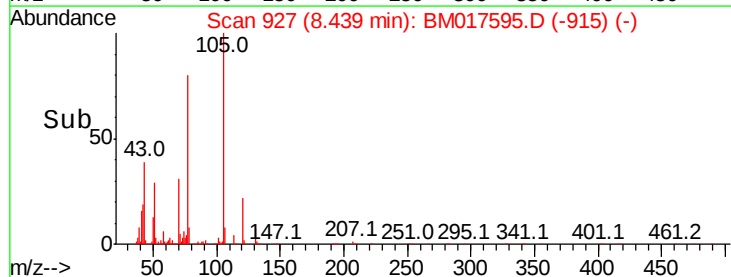


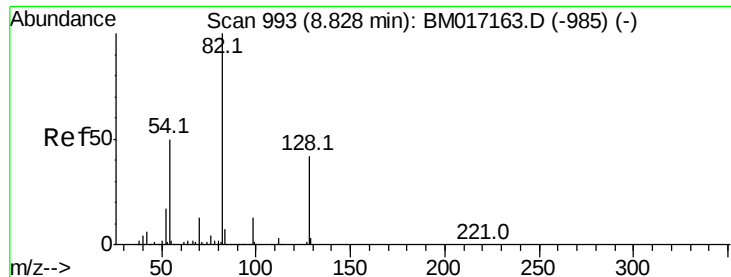
#22
Acetophenone
Concen: 41.198 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt	Ion:105	Resp:	1046798
Ion	Ratio	Lower	Upper
105	100		
71	5.2	2.0	3.0#
51	30.3	20.6	31.0
120	21.8	17.5	26.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E



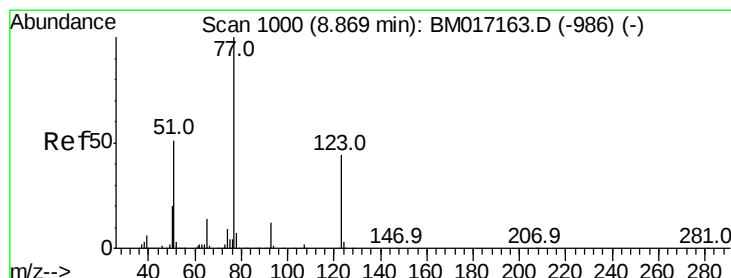
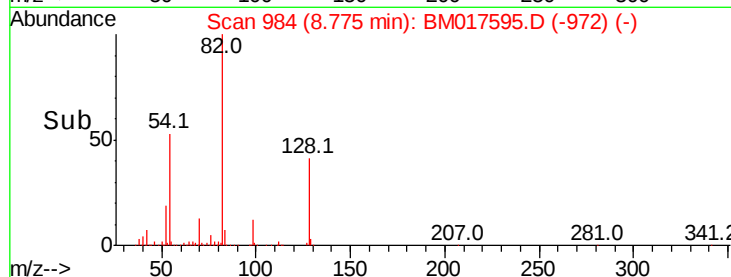
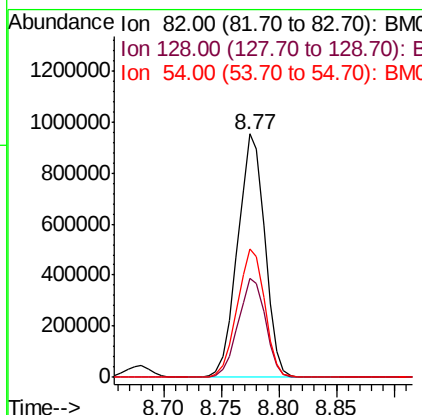
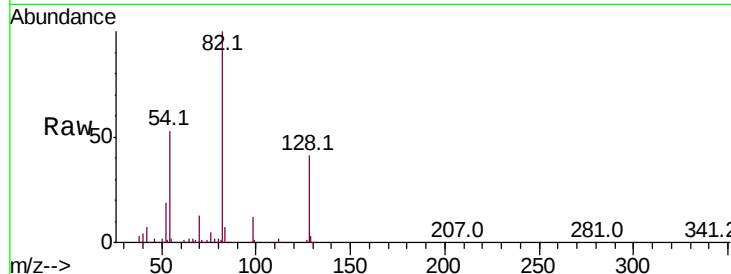


#23
 Nitrobenzene-d5
 Concen: 90.665 ng
 RT: 8.77 min Scan# 984
 Delta R.T. -0.03 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

Tot Ion: 82 Resp: 1553884

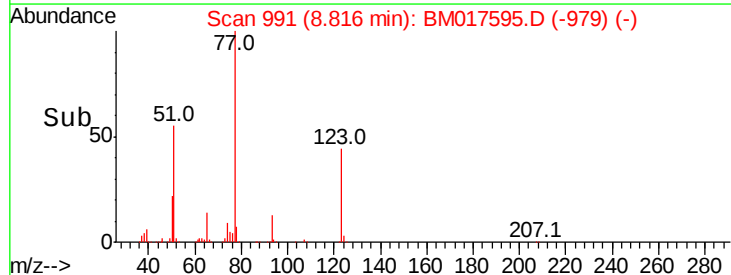
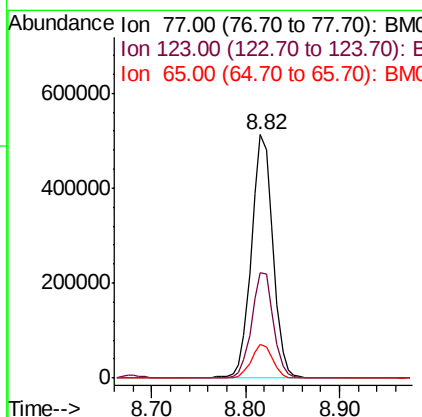
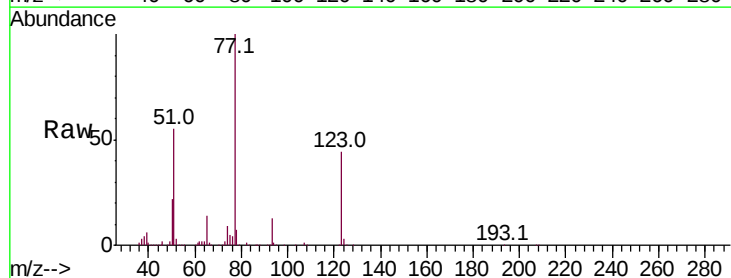
Ion	Ratio	Lower	Upper
82	100		
128	40.8	37.0	55.6
54	52.9	40.7	61.1

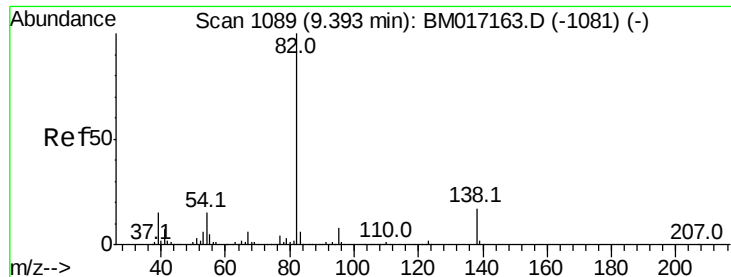


#24
 Nitrobenzene
 Concen: 44.484 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Tgt Ion: 77 Resp: 806444

Ion	Ratio	Lower	Upper
77	100		
123	43.5	40.2	60.4
65	13.7	11.4	17.0





#25

Isophorone

Concen: 50.771 ng

RT: 9.34 min Scan# 1080

Delta R.T. -0.03 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

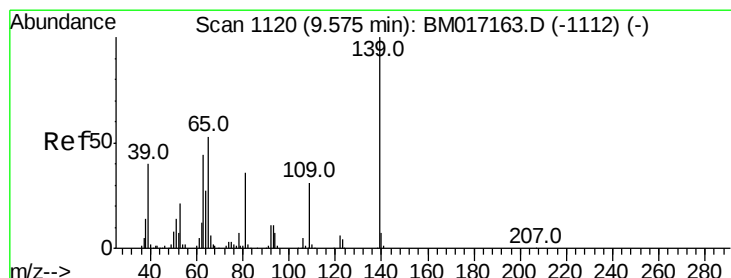
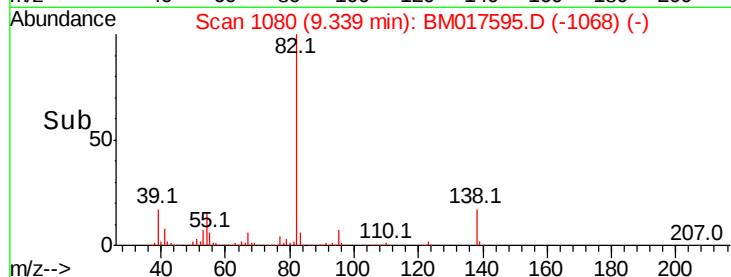
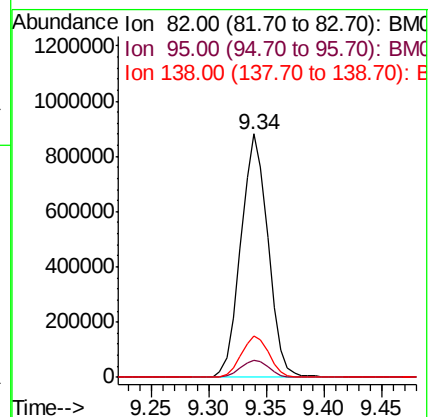
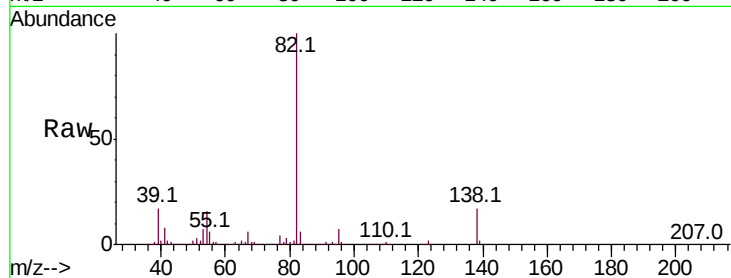
Tot Ion: 82 Resp: 1436865

Ion Ratio Lower Upper

82 100

95 7.2 6.0 9.0

138 17.0 15.4 23.2



#26

2-Nitrophenol

Concen: 45.973 ng

RT: 9.52 min Scan# 1111

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

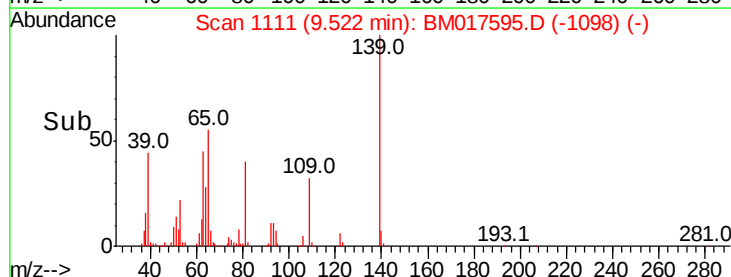
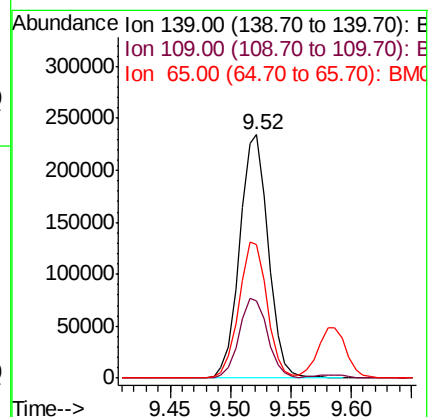
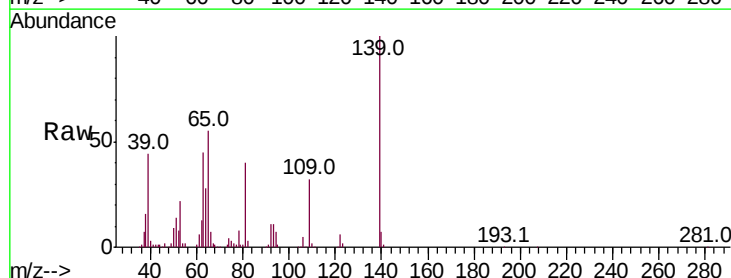
Tgt Ion: 139 Resp: 387739

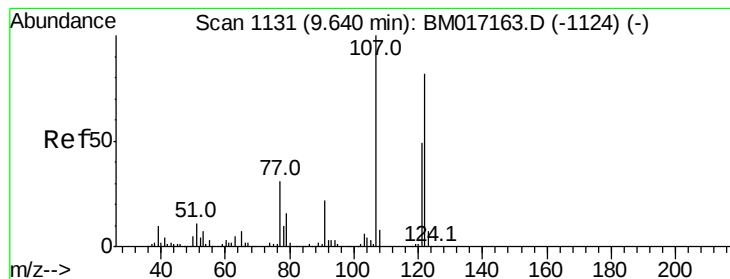
Ion Ratio Lower Upper

139 100

109 31.9 23.2 34.8

65 54.8 40.6 61.0





#27

2,4-Dimethylphenol

Concen: 54.503 ng

RT: 9.59 min Scan# 1122

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

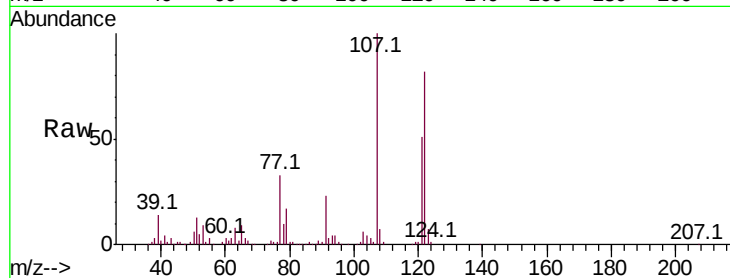
Tot Ion:122 Resp: 682056

Ion Ratio Lower Upper

122 100

107 121.9 95.0 142.6

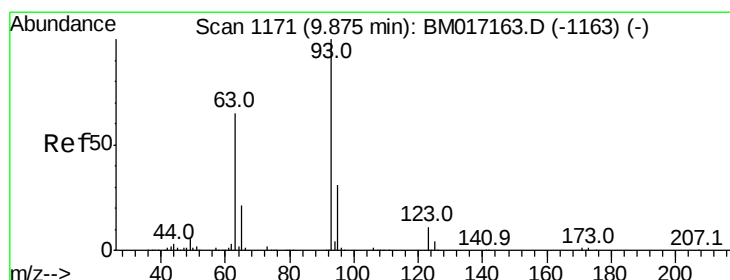
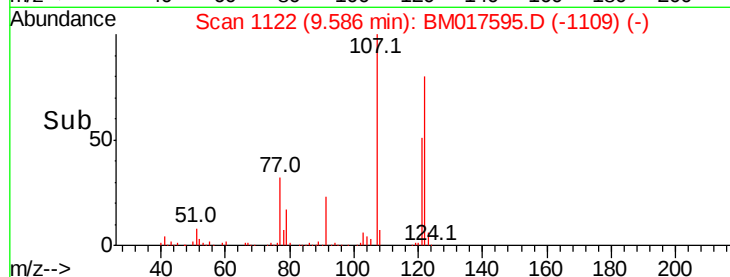
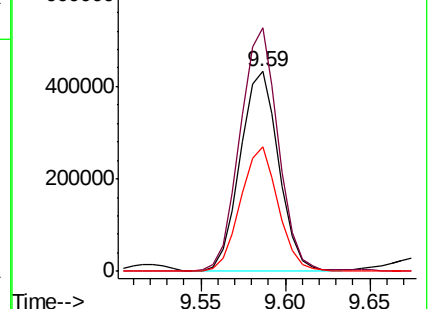
121 62.3 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.423 ng

RT: 9.82 min Scan# 1162

Delta R.T. -0.03 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

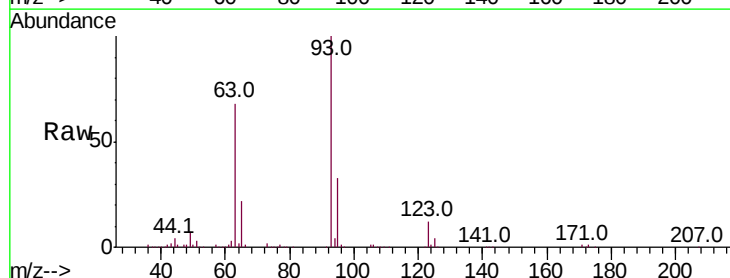
Tgt Ion: 93 Resp: 904803

Ion Ratio Lower Upper

93 100

95 32.6 25.7 38.5

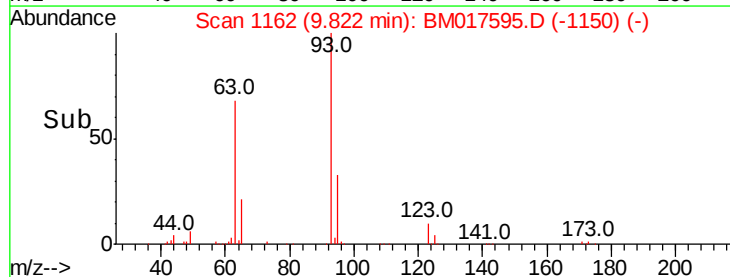
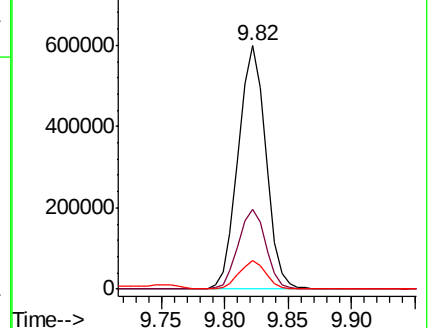
123 11.7 9.4 14.0

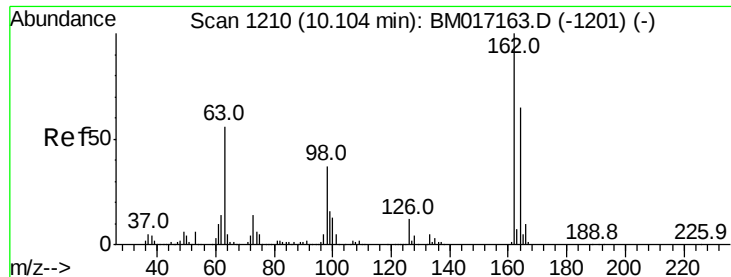


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

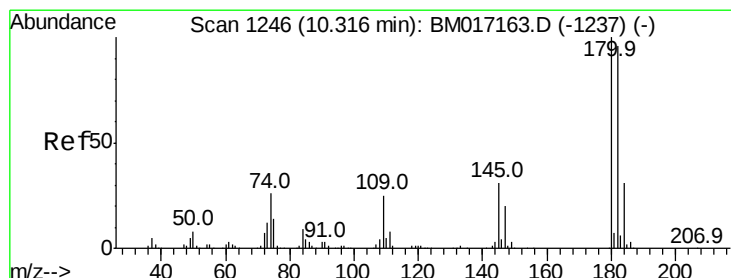
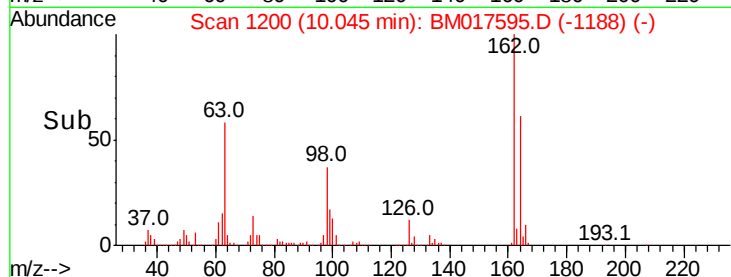
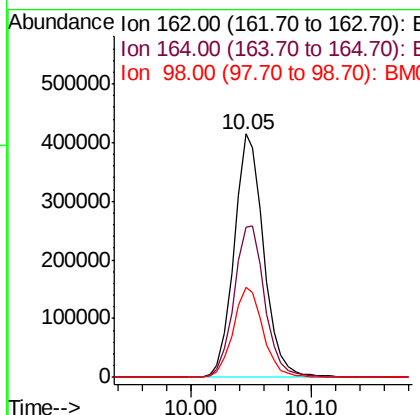
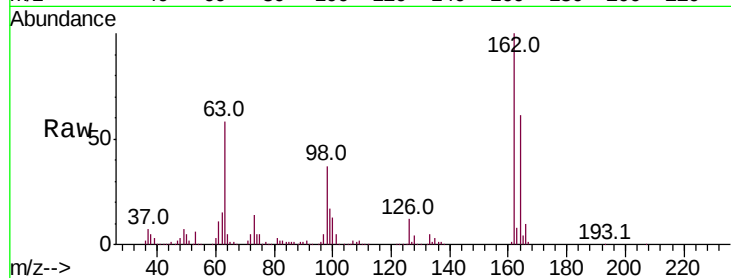




#29
 2,4-Dichlorophenol
 Concen: 48.741 ng
 RT: 10.05 min Scan# 1200
 Delta R.T. -0.03 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

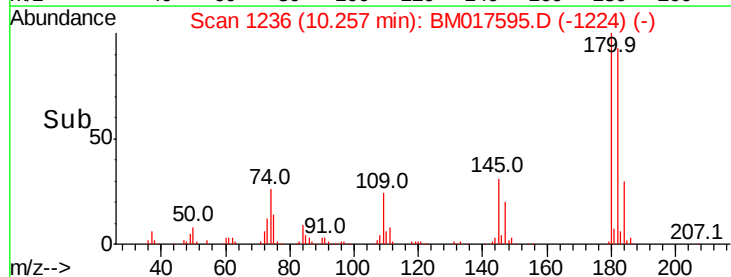
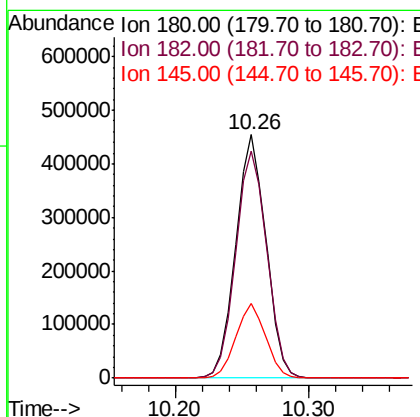
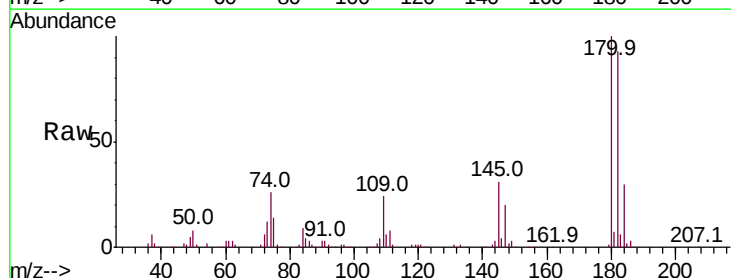
Instrument :
 BNA_M
 ClientSampleID :
 PB114669BS

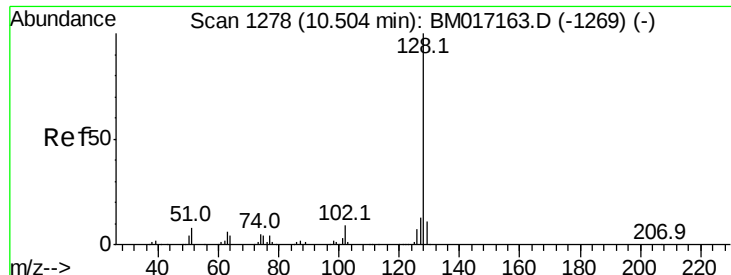
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.5	44.9	84.9
98	37.0	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 40.888 ng
 RT: 10.26 min Scan# 1236
 Delta R.T. -0.03 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.5	116.3
145	30.7	24.0	36.0





#31

Naphthalene

Concen: 44.318 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.03 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

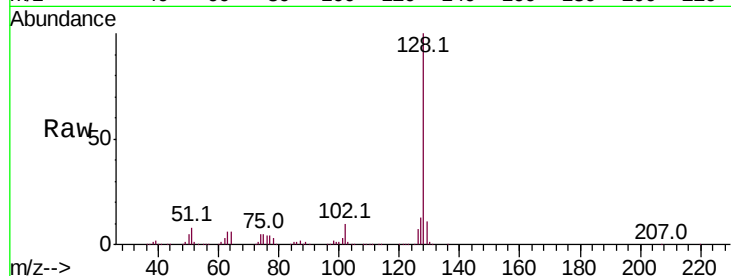
Tot Ion:128 Resp: 2176986

Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

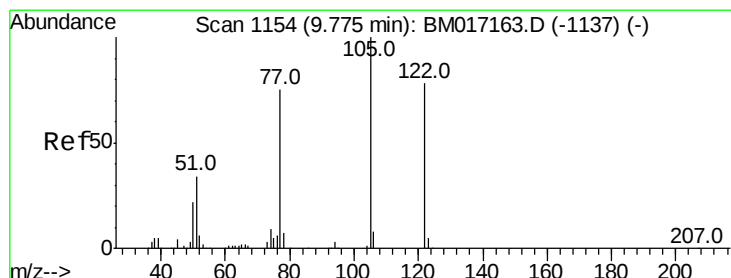
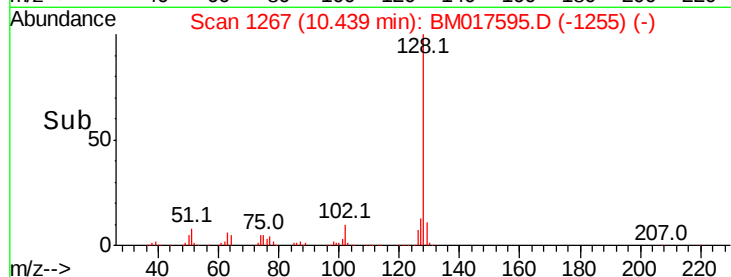
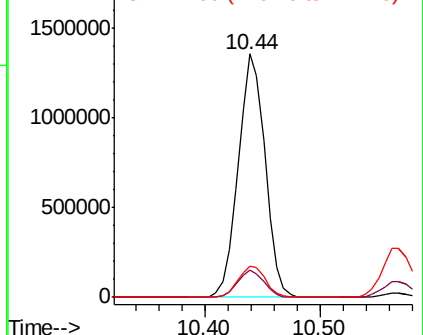
127 12.9 10.3 15.5



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: 51.636 ng

RT: 9.76 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

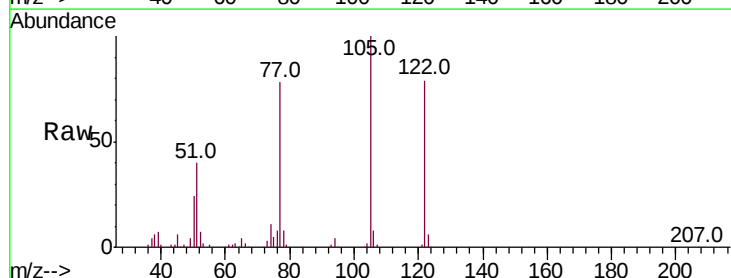
Tgt Ion:122 Resp: 482134

Ion Ratio Lower Upper

122 100

105 127.0 102.0 142.0

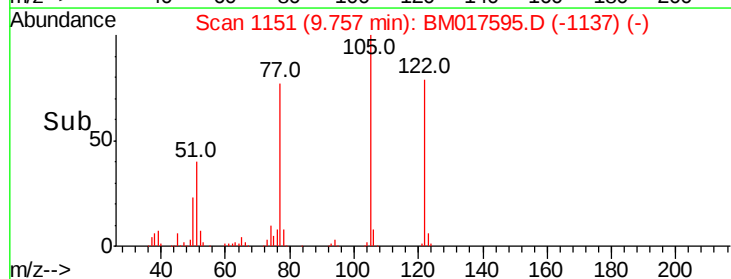
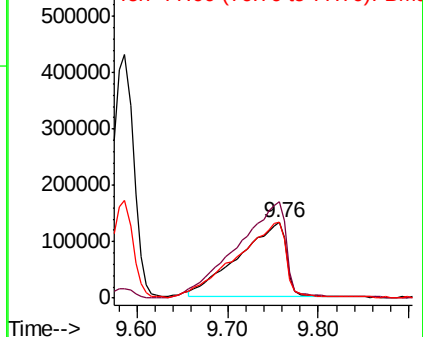
77 99.5 67.7 107.7

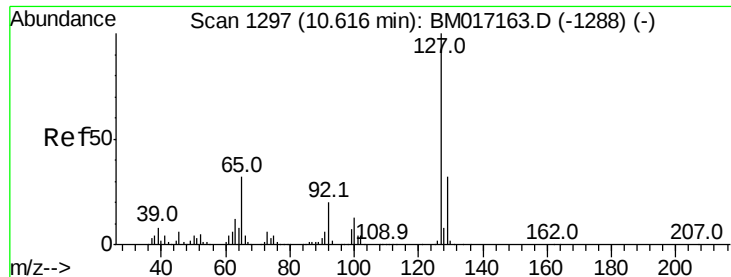


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

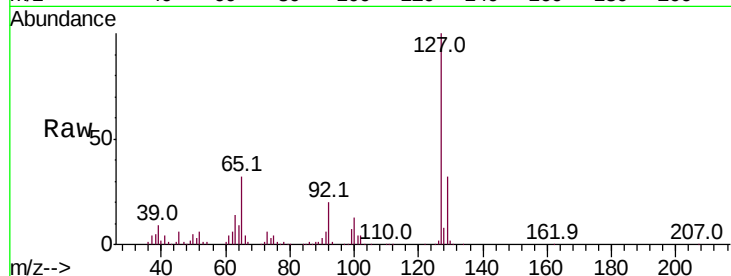




#33
4-Chloroaniline
Concen: 24.666 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion:	127	Resp:	523295
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.4
65	32.2	23.7	35.5
92	19.7	14.3	21.5



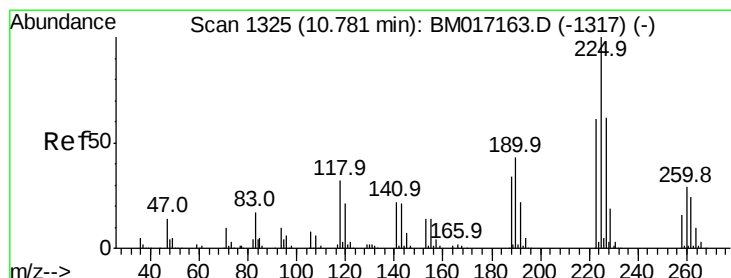
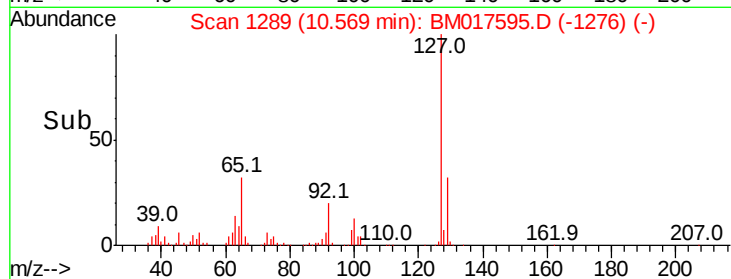
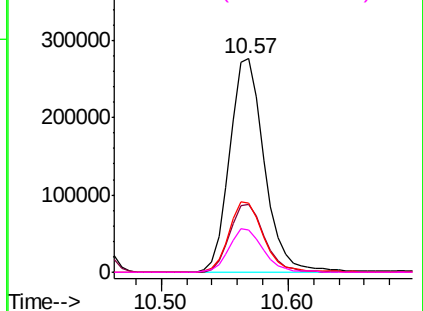
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

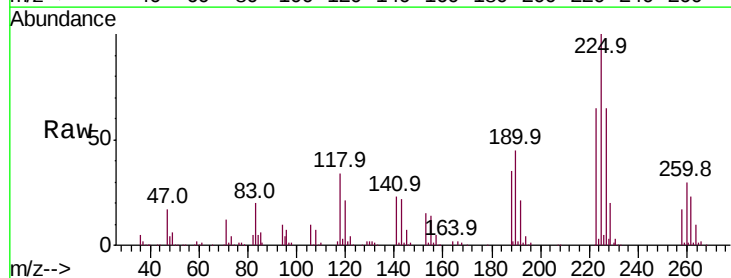
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 38.630 ng
RT: 10.72 min Scan# 1314
Delta R.T. -0.04 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion:	225	Resp:	426631
Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.0	76.6
227	64.7	50.8	76.2

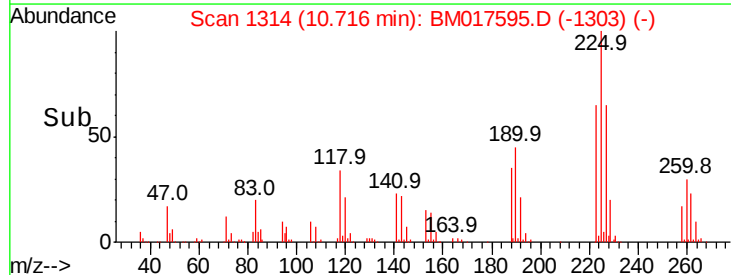
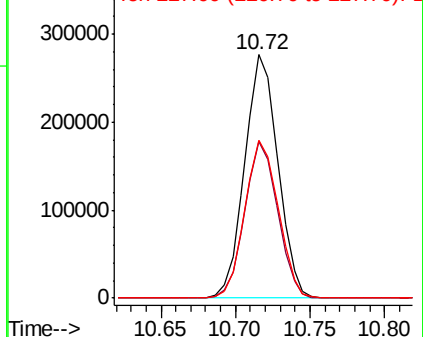


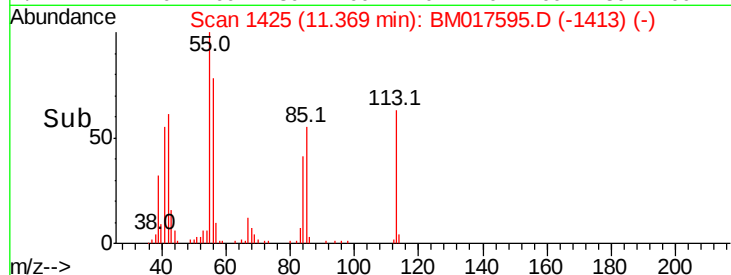
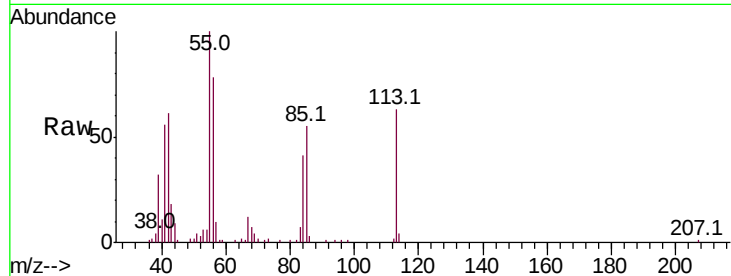
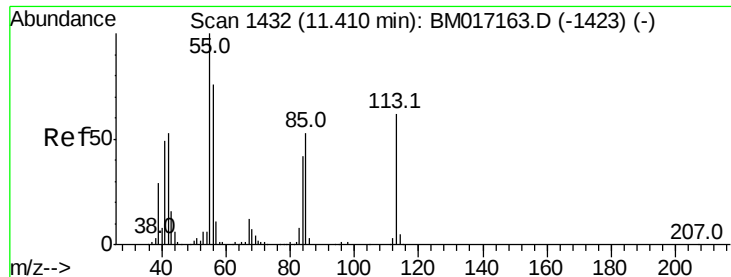
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

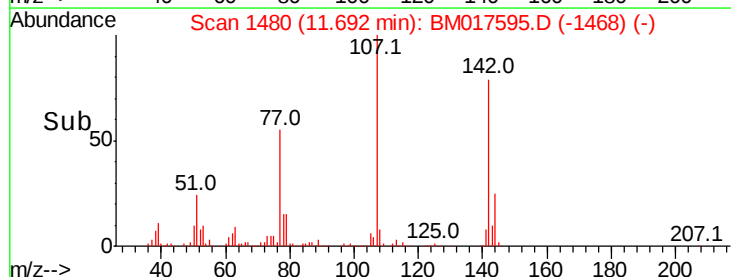
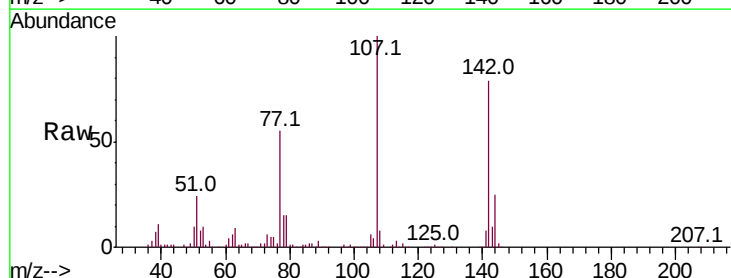
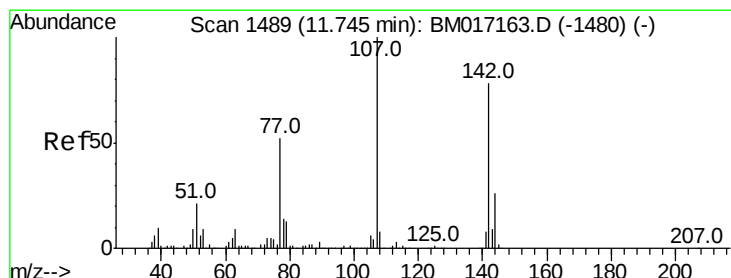
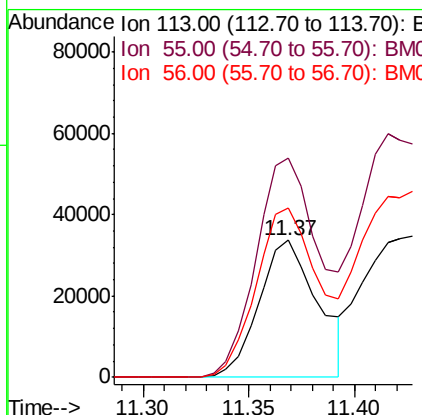




#35
Caprolactam
Concen: 12.323 ng
RT: 11.37 min Scan# 1425
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

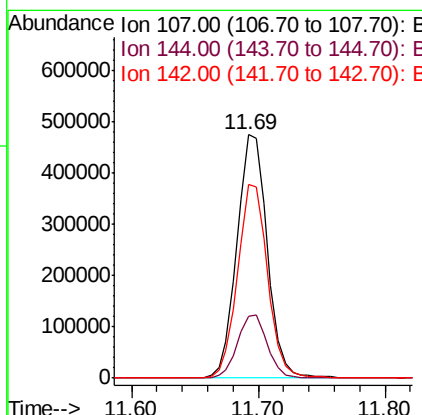
Instrument :
BNA_M
ClientSampleId :
PB114669BS

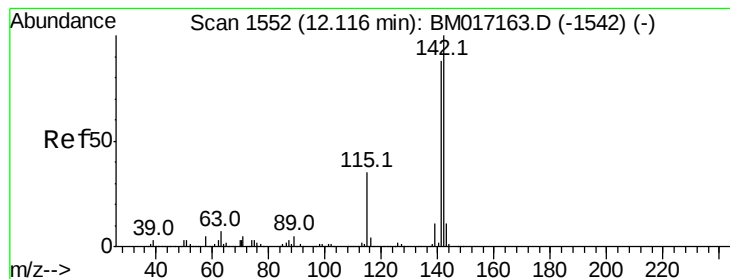
Tot Ion:113 Resp: 65254
Ion Ratio Lower Upper
113 100
55 159.8 147.0 187.0
56 124.0 104.5 144.5



#36
4-Chloro-3-methylphenol
Concen: 48.107 ng
RT: 11.69 min Scan# 1480
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion:107 Resp: 787898
Ion Ratio Lower Upper
107 100
144 25.4 21.6 32.4
142 79.3 66.0 99.0





#37

2-Methylnaphthalene

Concen: 49.518 ng

RT: 12.06 min Scan# 1543

Delta R.T. -0.03 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

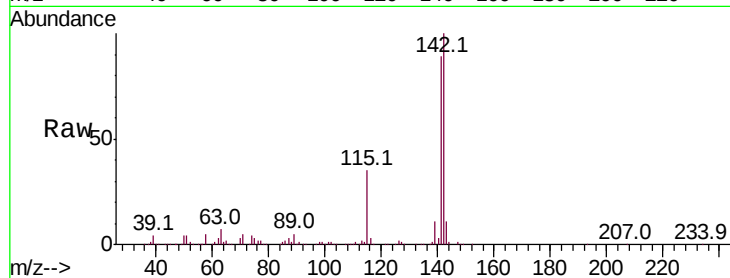
Tot Ion:142 Resp: 1664512

Ion Ratio Lower Upper

142 100

141 88.5 70.9 106.3

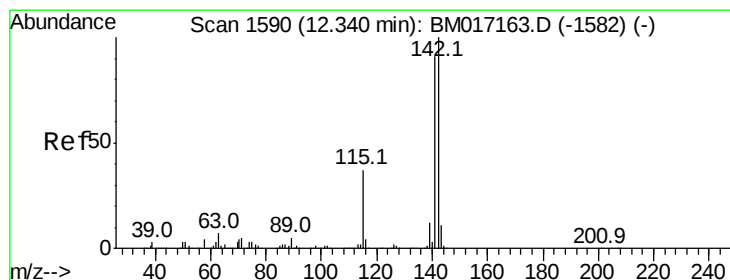
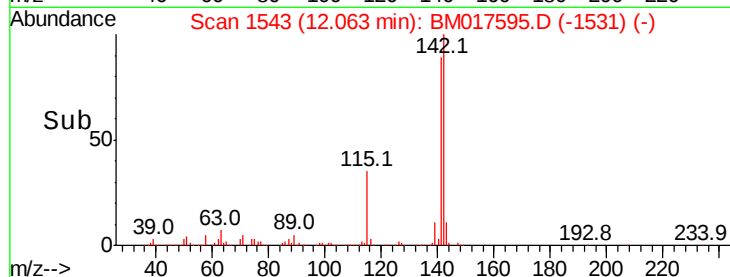
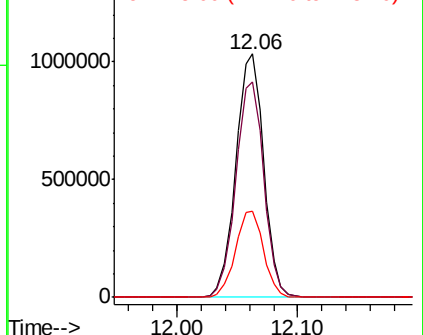
115 35.5 26.4 39.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.130 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.03 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

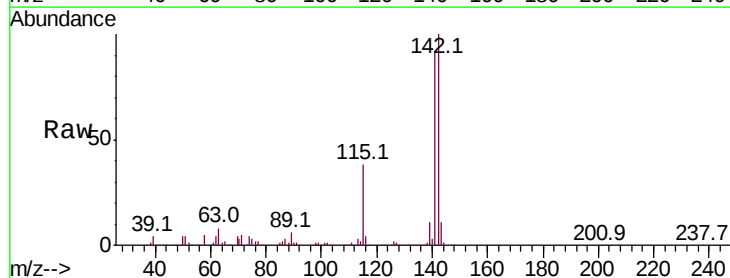
Tgt Ion:142 Resp: 1574637

Ion Ratio Lower Upper

142 100

141 92.5 73.8 110.6

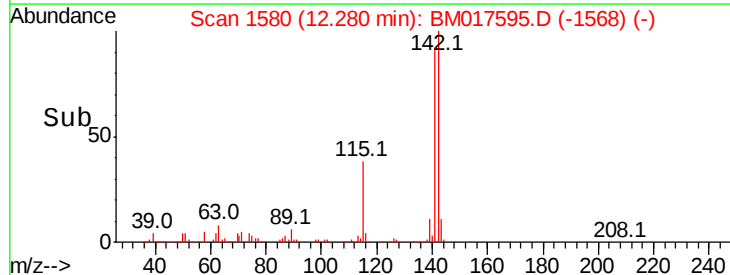
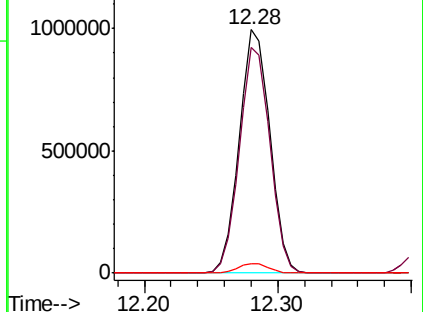
116 3.8 2.9 4.3

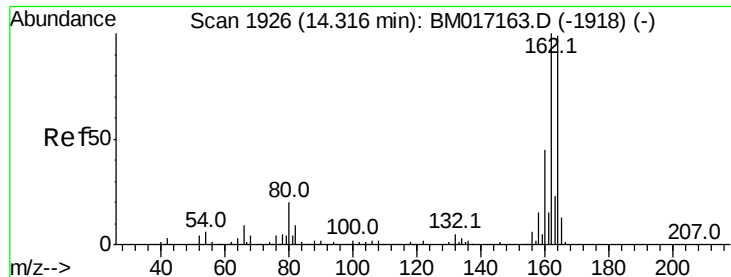


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.03 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

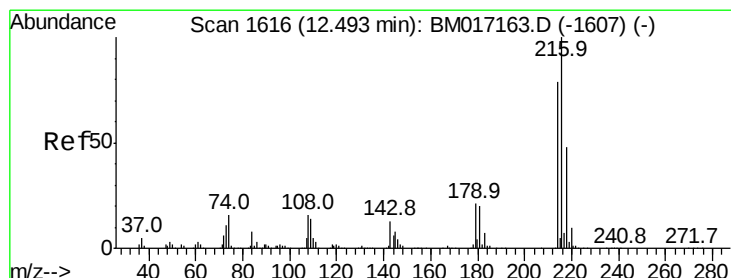
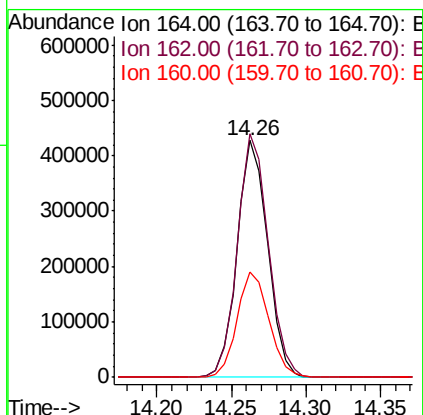
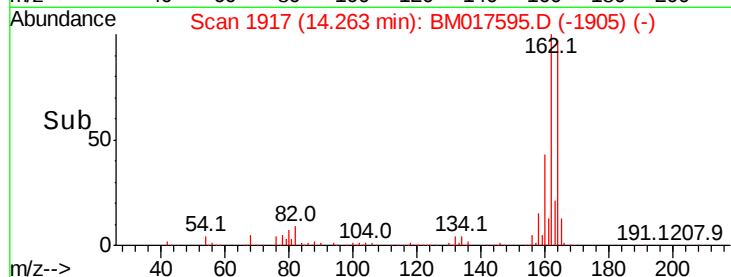
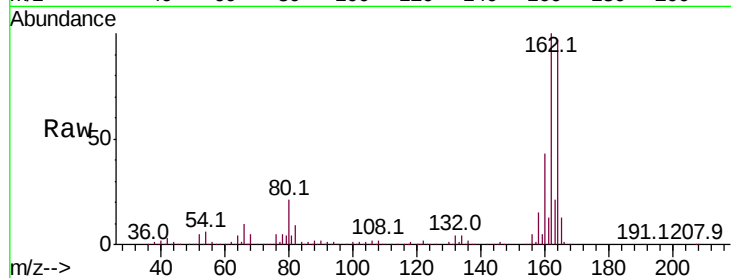
Tot Ion:164 Resp: 606424

Ion Ratio Lower Upper

164 100

162 102.9 82.1 123.1

160 44.6 40.2 60.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.075 ng

RT: 12.43 min Scan# 1606

Delta R.T. -0.03 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Tgt Ion:216 Resp: 855854

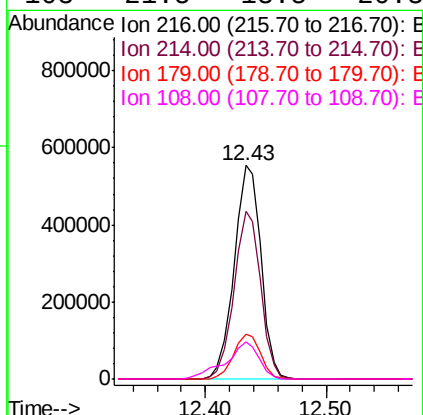
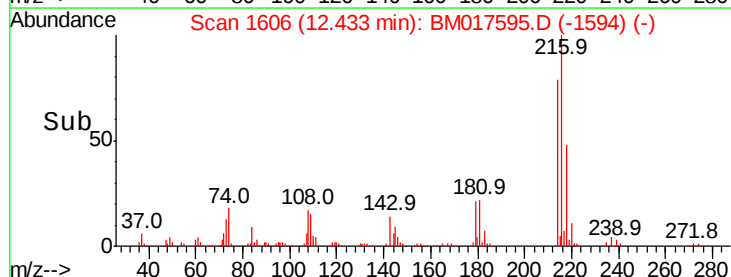
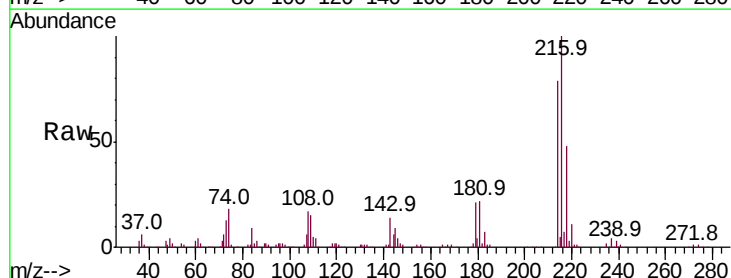
Ion Ratio Lower Upper

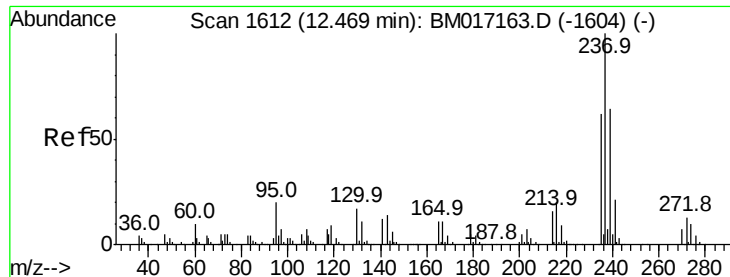
216 100

214 77.8 62.6 93.8

179 21.0 16.6 24.8

108 21.5 13.5 20.3#

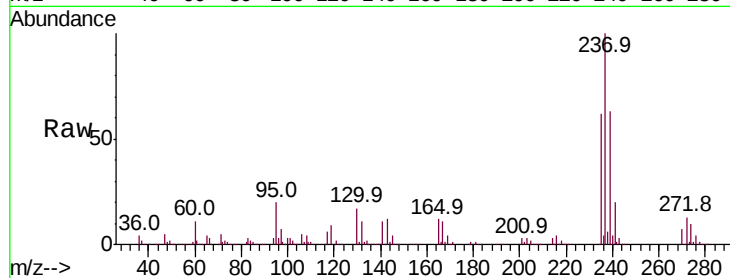




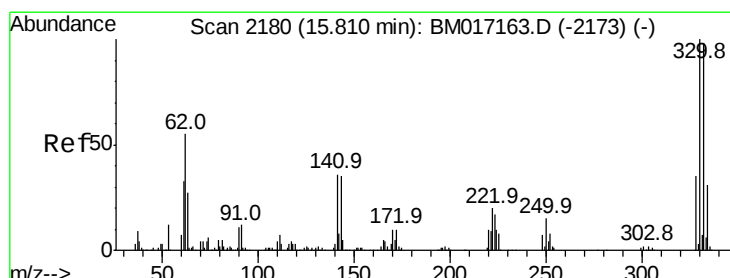
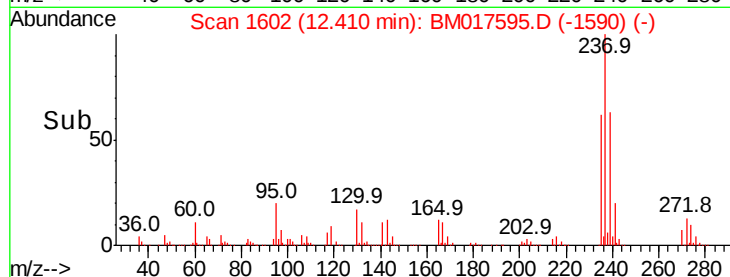
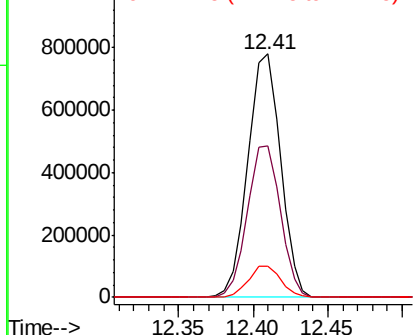
#41
Hexachlorocyclopentadiene
Concen: 114.674 ng
RT: 12.41 min Scan# 1602
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion:237 Resp: 1183933
Ion Ratio Lower Upper
237 100
235 62.0 42.4 82.4
272 12.8 0.0 33.0

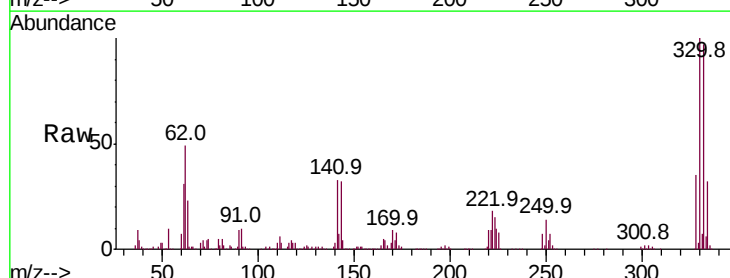


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

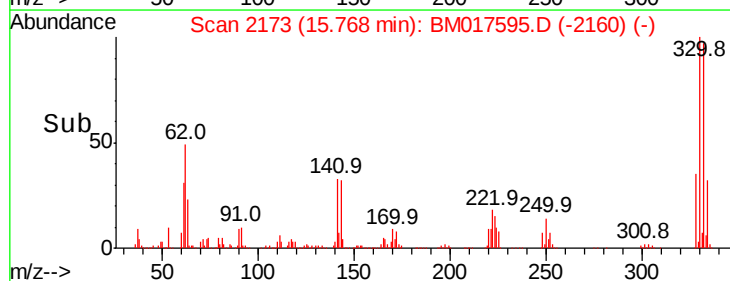
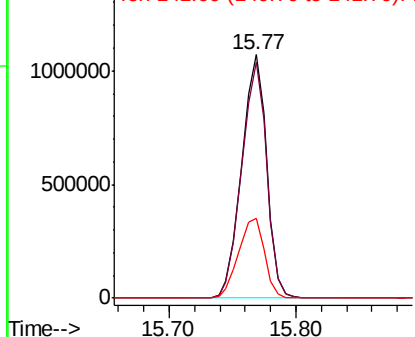


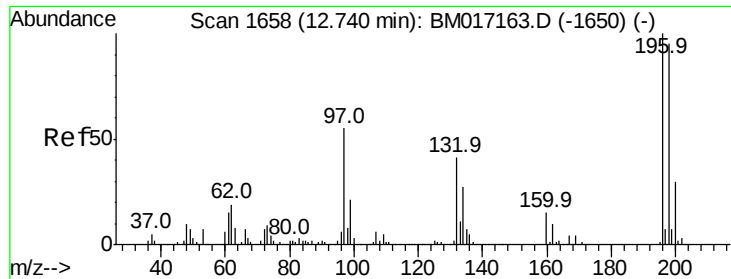
#42
2,4,6-Tribromophenol
Concen: 178.039 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion:330 Resp: 1460094
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 34.0 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

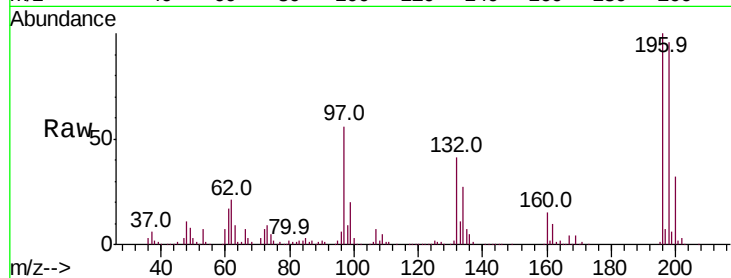




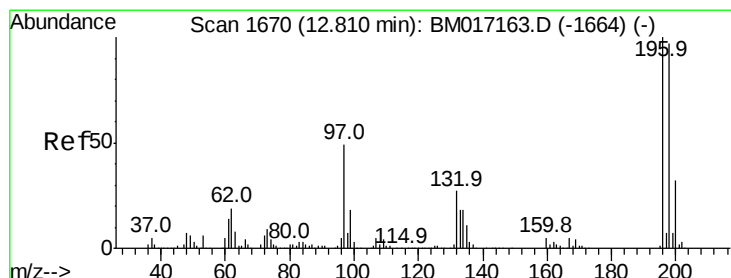
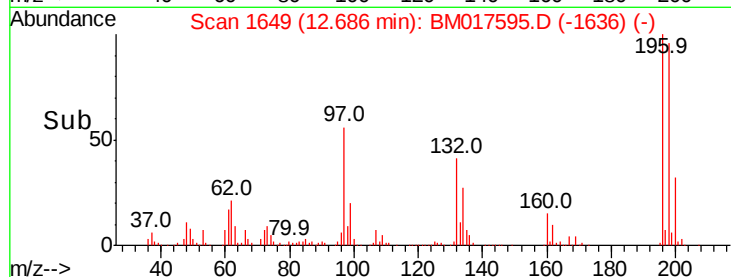
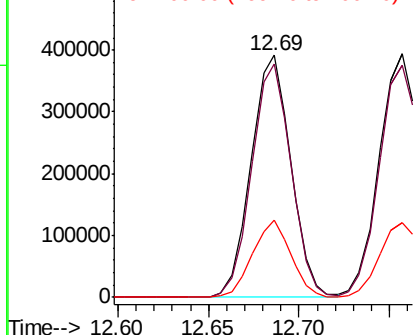
#43
 2,4,6-Trichlorophenol
 Concen: 48.274 ng
 RT: 12.69 min Scan# 1649
 Delta R.T. -0.02 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

Tot Ion:196 Resp: 598474
 Ion Ratio Lower Upper
 196 100
 198 96.5 77.1 115.7
 200 31.9 25.0 37.4



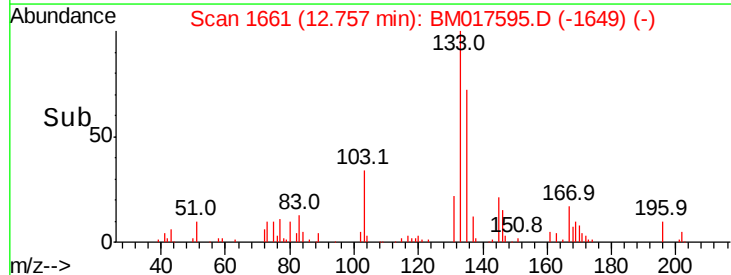
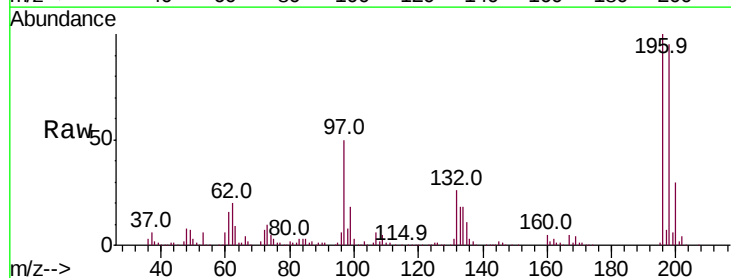
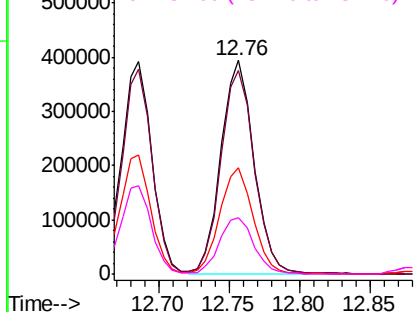
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

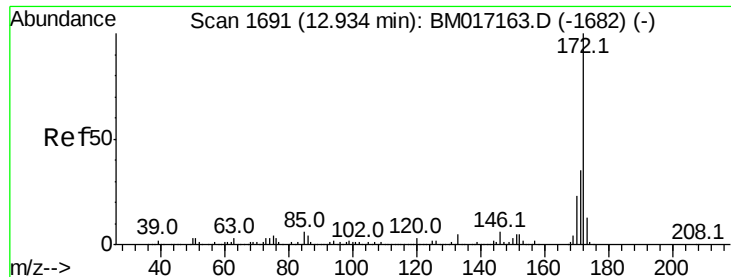


#44
 2,4,5-Trichlorophenol
 Concen: 47.978 ng
 RT: 12.76 min Scan# 1661
 Delta R.T. -0.03 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Tgt Ion:196 Resp: 637821
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.6 115.0
 97 50.0 35.5 53.3
 132 26.4 20.7 31.1

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

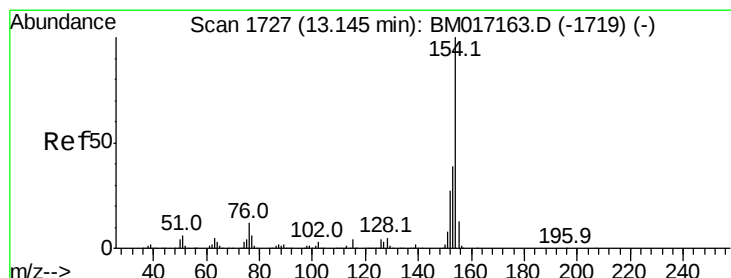
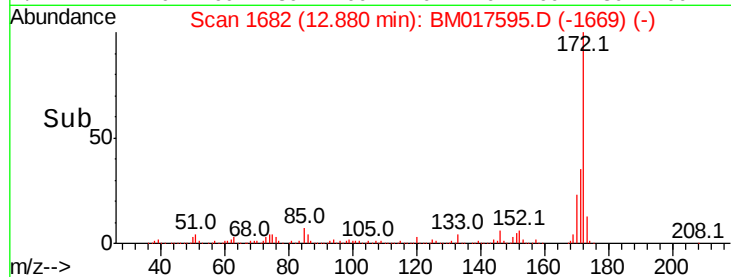
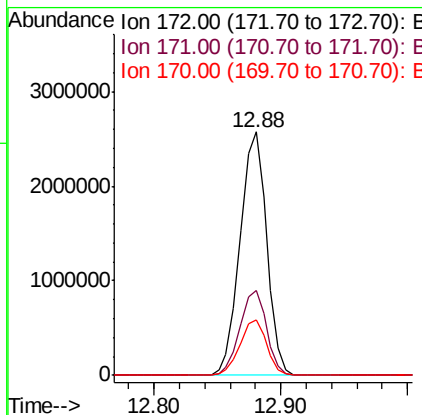
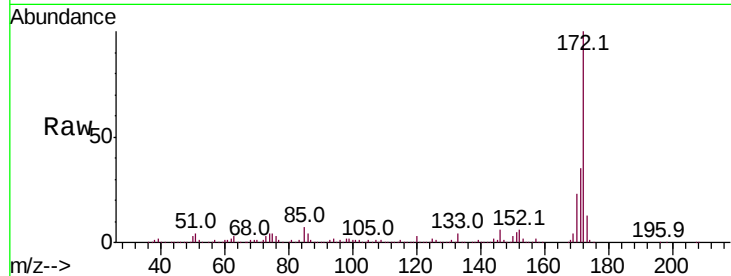




#45
2-Fluorobiphenyl
Concen: 81.958 ng
RT: 12.88 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

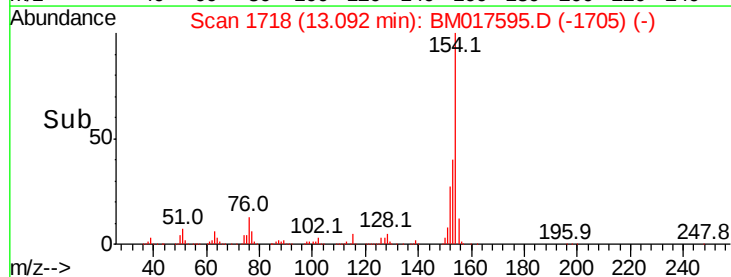
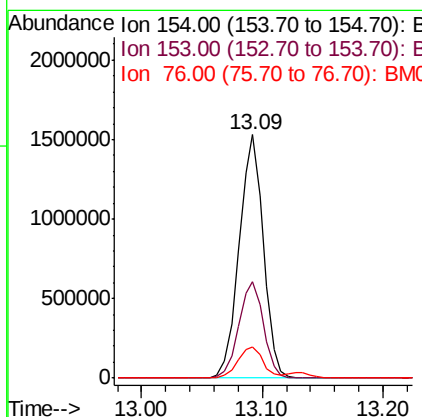
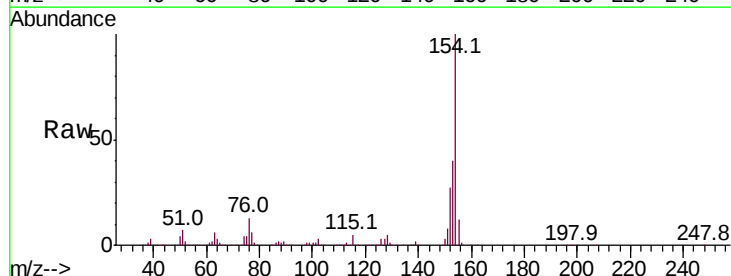
Instrument :
BNA_M
ClientSampleId :
PB114669BS

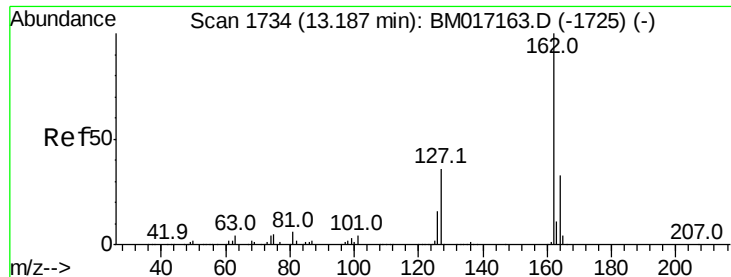
Tot Ion:172 Resp: 3735436
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.6 18.3 27.5



#46
1,1'-Biphenyl
Concen: 39.122 ng
RT: 13.09 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion:154 Resp: 2134949
Ion Ratio Lower Upper
154 100
153 39.7 20.5 60.5
76 12.9 0.0 31.8





#47

2-Chloronaphthalene

Concen: 41.223 ng

RT: 13.13 min Scan# 1725

Delta R.T. -0.02 min

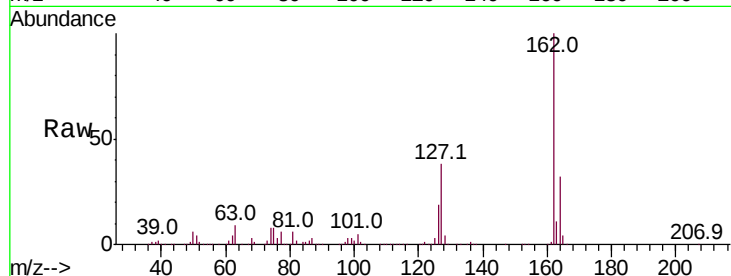
Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion:162 Resp: 1654959

Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.0	46.4
164	32.4	26.6	39.8

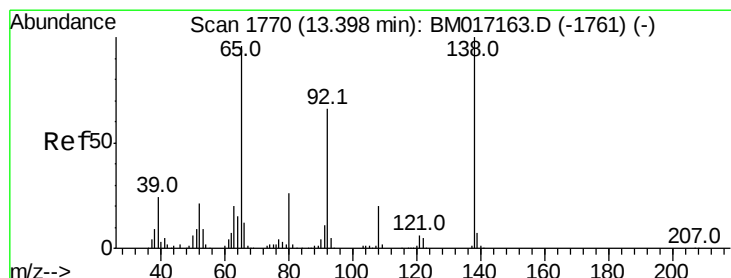
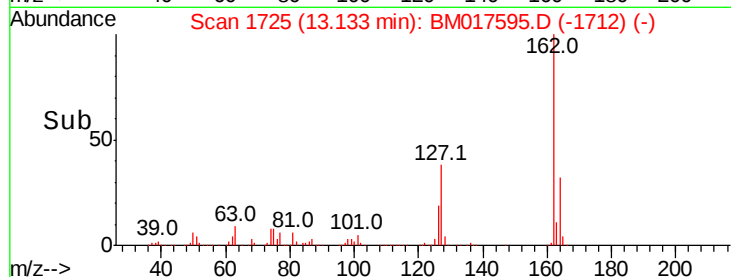
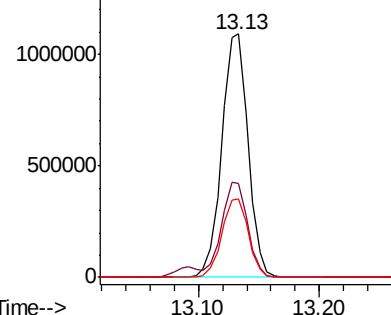


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 47.587 ng

RT: 13.35 min Scan# 1762

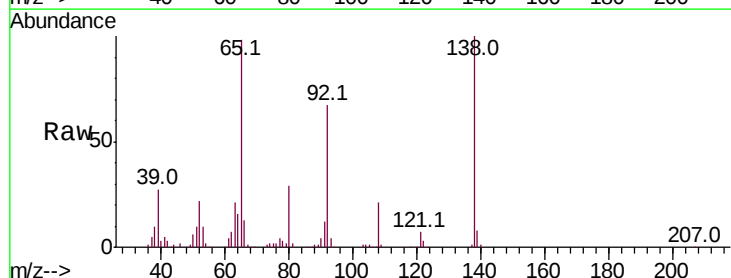
Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Tgt Ion: 65 Resp: 539107

Ion	Ratio	Lower	Upper
65	100		
92	67.9	54.9	82.3
138	102.0	83.7	125.5

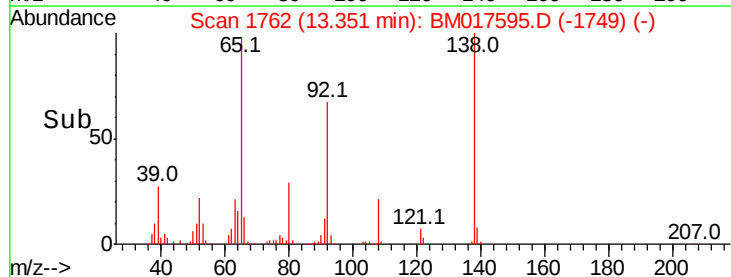
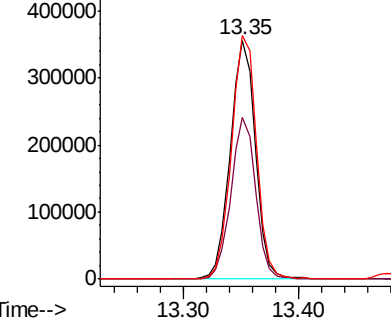


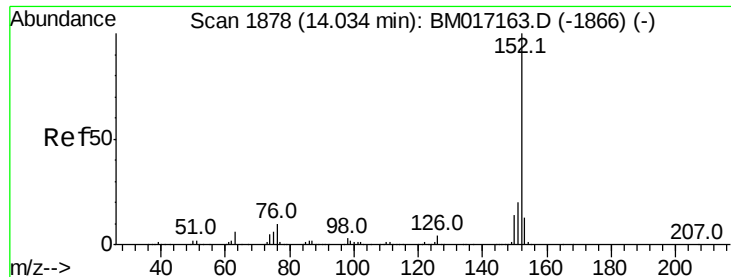
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.344 ng

RT: 13.99 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

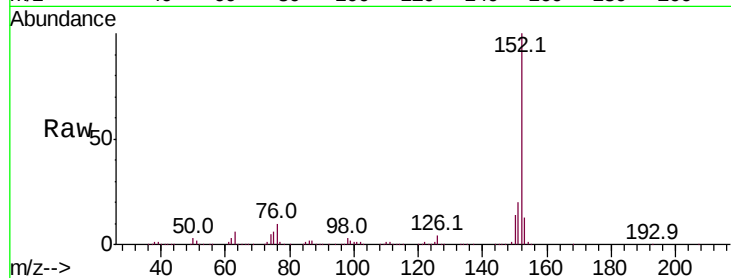
Tot Ion:152 Resp: 2755070

Ion Ratio Lower Upper

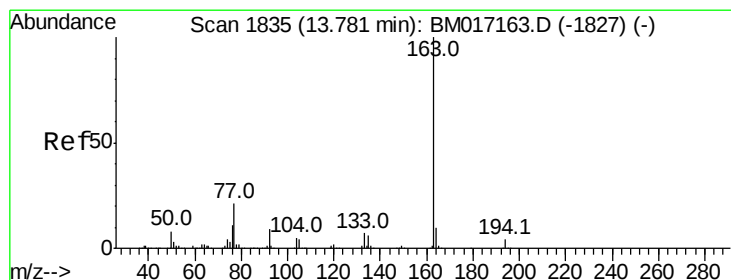
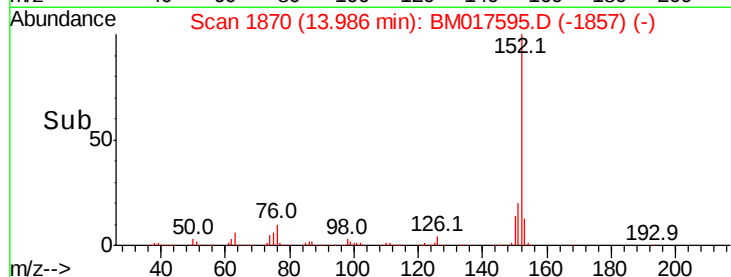
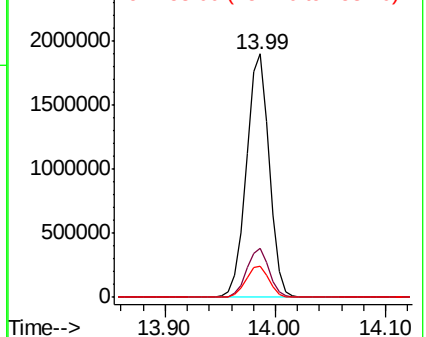
152 100

151 19.9 16.0 24.0

153 12.9 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: 45.457 ng

RT: 13.74 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

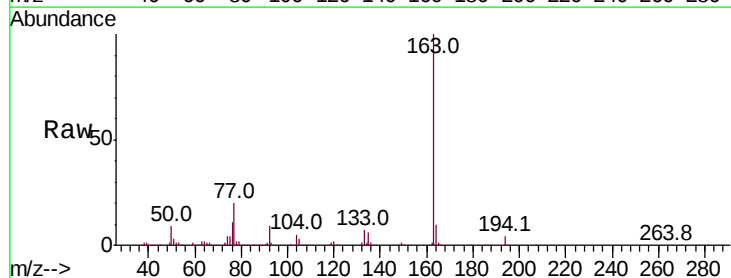
Tgt Ion:163 Resp: 2126735

Ion Ratio Lower Upper

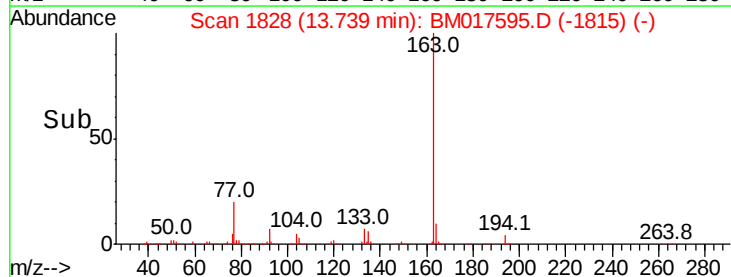
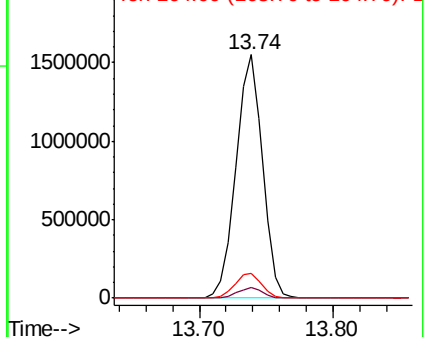
163 100

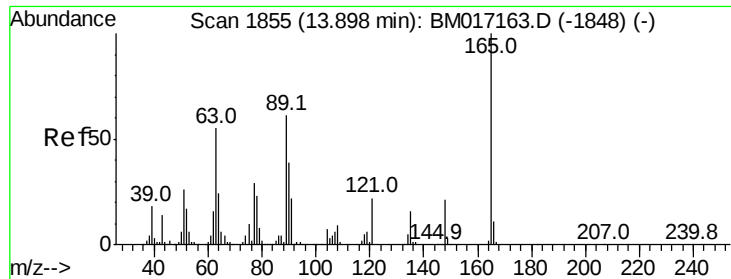
194 4.2 3.3 4.9

164 10.0 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

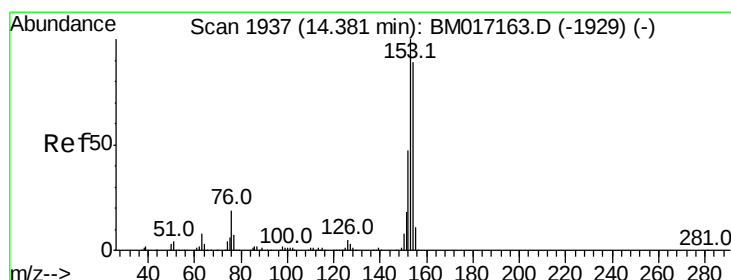
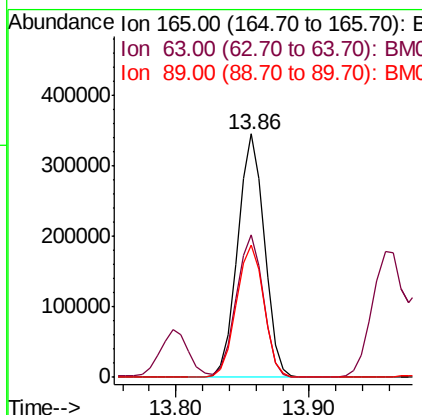
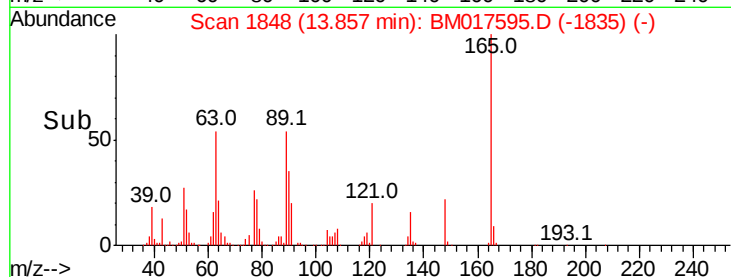
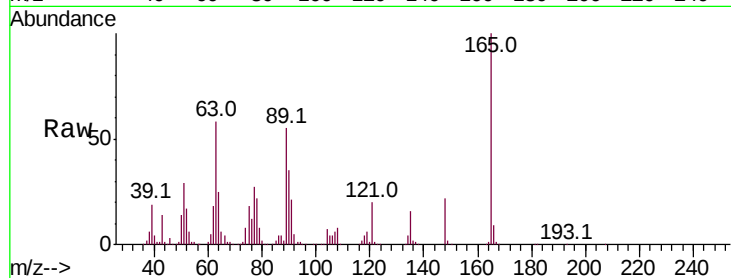




#51
2,6-Dinitrotoluene
Concen: 46.329 ng
RT: 13.86 min Scan# 1848
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

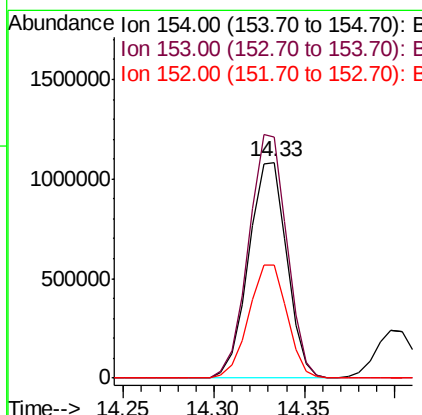
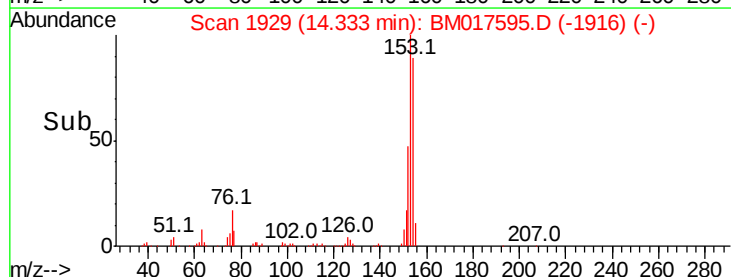
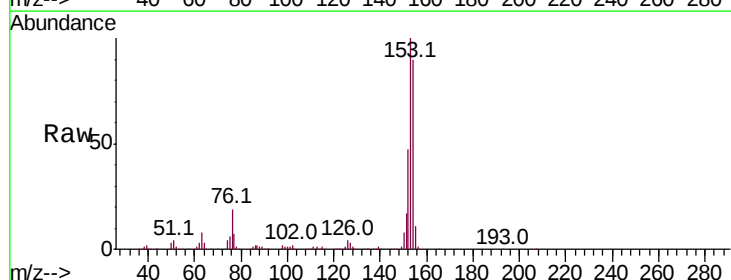
Instrument :
BNA_M
ClientSampleId :
PB114669BS

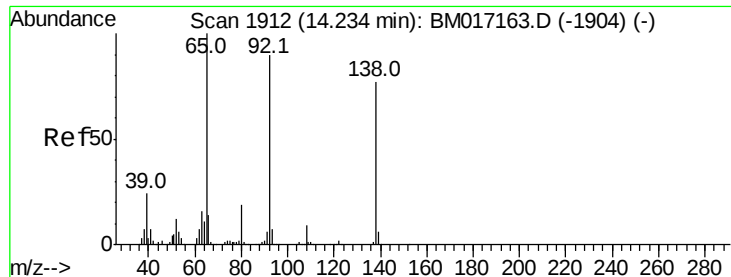
Tot Ion:165 Resp: 477067
Ion Ratio Lower Upper
165 100
63 58.3 42.7 64.1
89 54.6 42.1 63.1



#52
Acenaphthene
Concen: 43.536 ng
RT: 14.33 min Scan# 1929
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion:154 Resp: 1590718
Ion Ratio Lower Upper
154 100
153 111.7 90.2 135.2
152 52.7 44.2 66.4

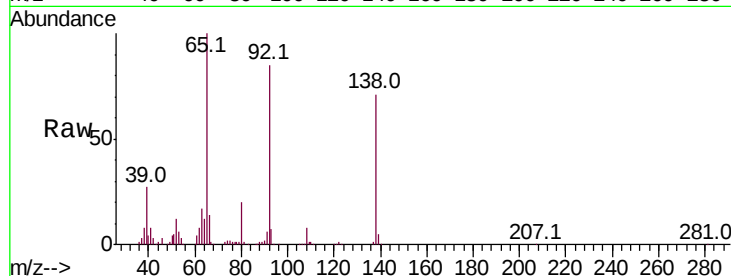




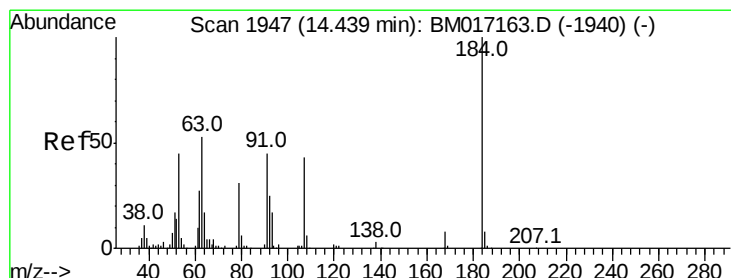
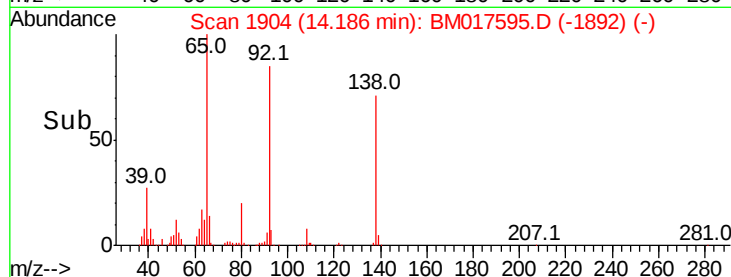
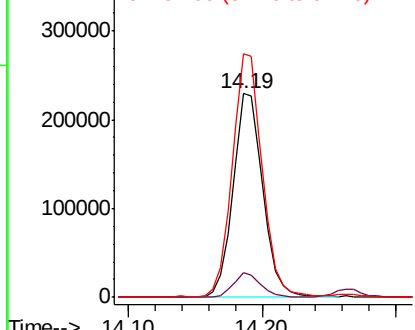
#53
3-Nitroaniline
Concen: 32.002 ng
RT: 14.19 min Scan# 1904
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion:138 Resp: 356902
Ion Ratio Lower Upper
138 100
108 11.9 8.7 13.1
92 119.4 87.9 131.9

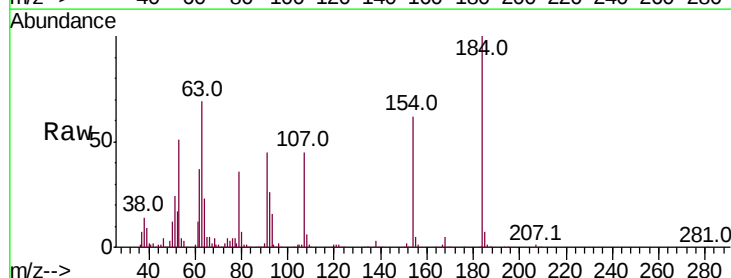


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM0

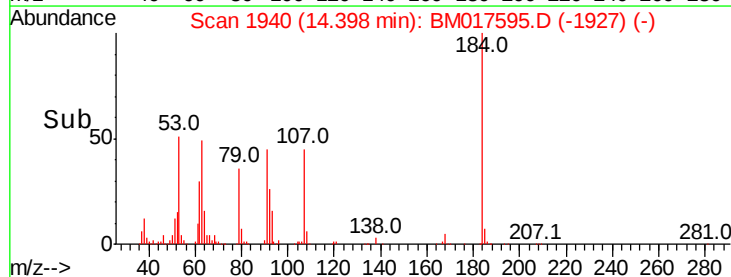
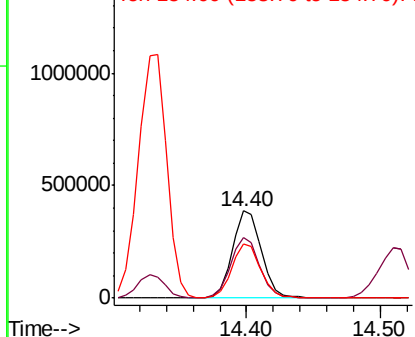


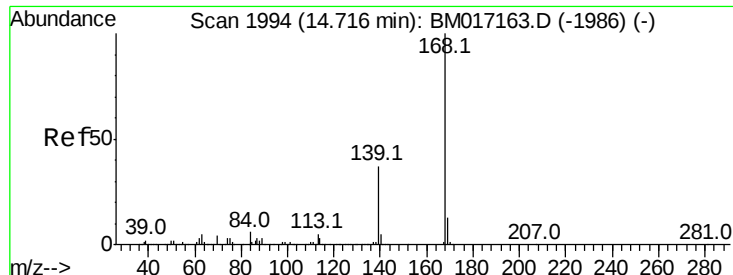
#54
2,4-Dinitrophenol
Concen: 95.635 ng
RT: 14.40 min Scan# 1940
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion:184 Resp: 588553
Ion Ratio Lower Upper
184 100
63 69.0 51.2 76.8
154 62.5 47.8 71.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 42.498 ng

RT: 14.67 min Scan# 1986

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

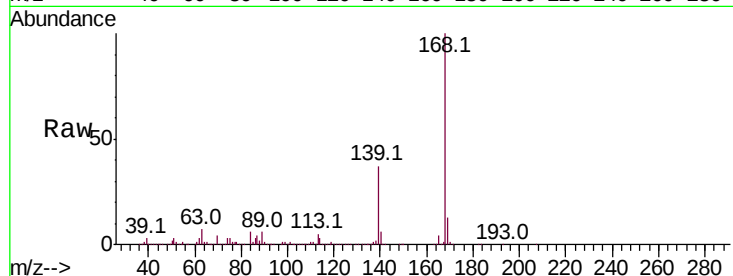
Tot Ion:168 Resp: 2582208

Ion Ratio Lower Upper

168 100

139 37.0 29.3 43.9

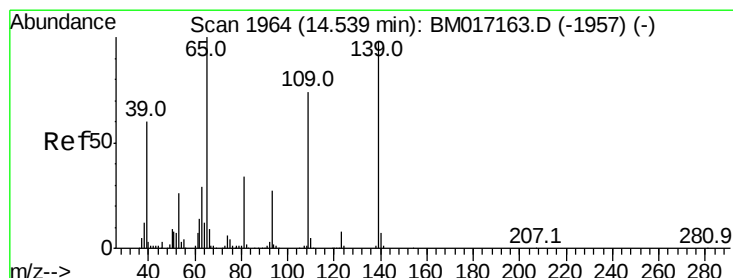
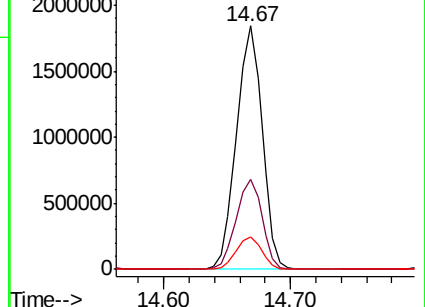
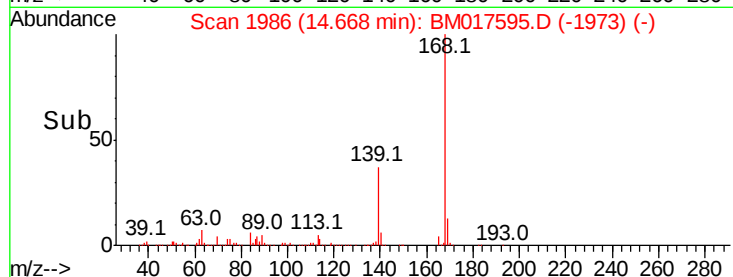
169 13.1 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

2500000 Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 110.960 ng

RT: 14.52 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

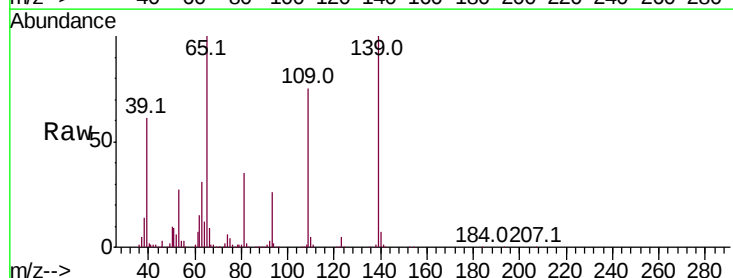
Tgt Ion:139 Resp: 1147546

Ion Ratio Lower Upper

139 100

109 75.2 51.8 91.8

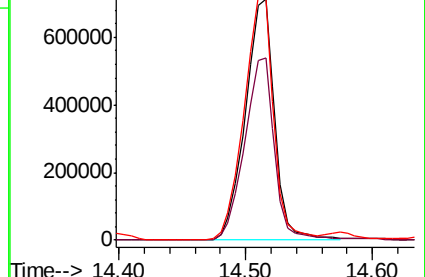
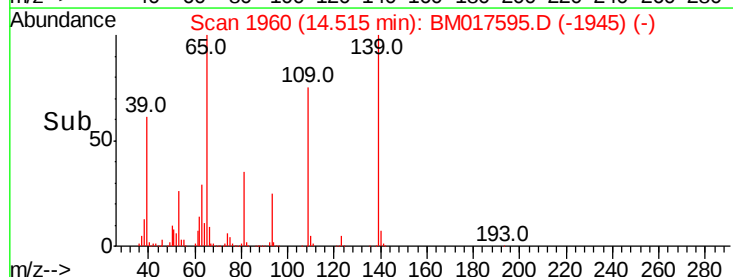
65 100.0 72.1 112.1

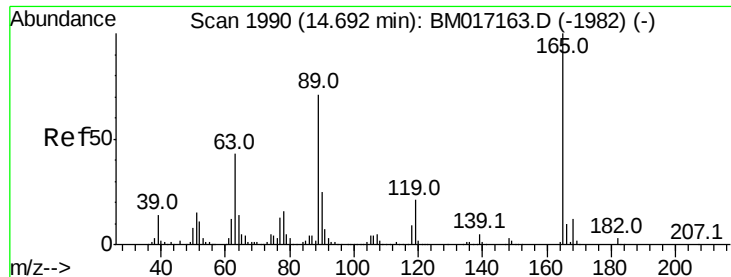


Abundance Ion 139.00 (138.70 to 139.70): E

1000000 Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

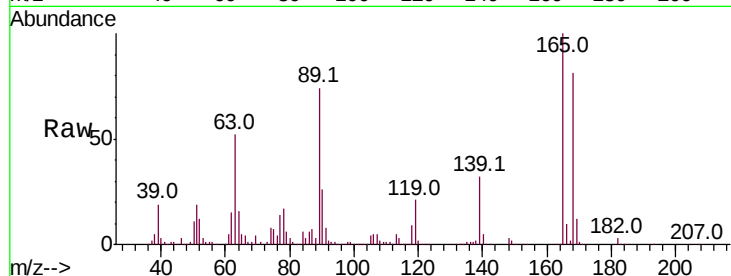




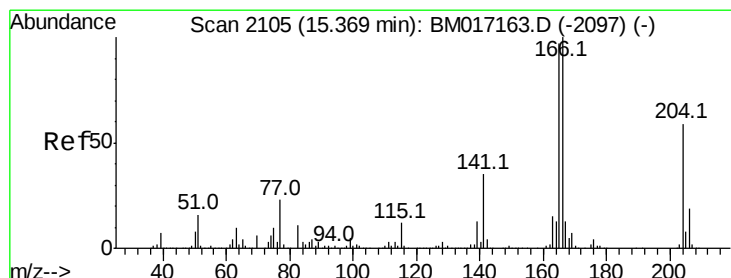
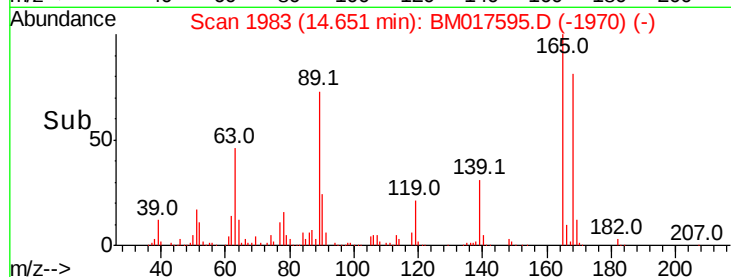
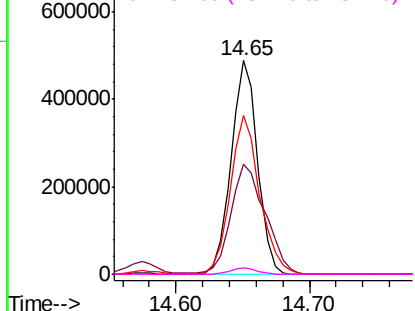
#57
2,4-Dinitrotoluene
Concen: 48.719 ng
RT: 14.65 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion:165 Resp: 674277
Ion Ratio Lower Upper
165 100
63 51.7 33.8 50.8#
89 74.3 53.1 79.7
182 3.1 2.0 3.0#

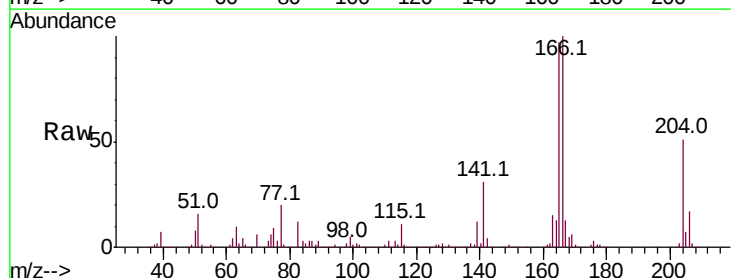


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

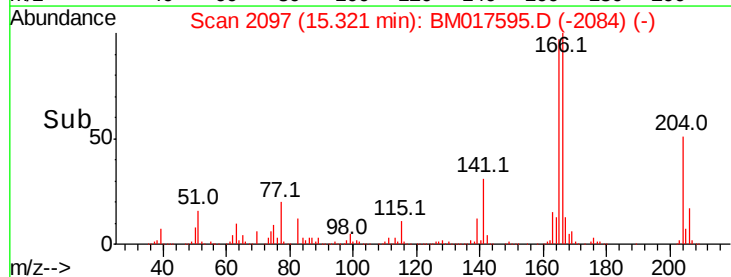
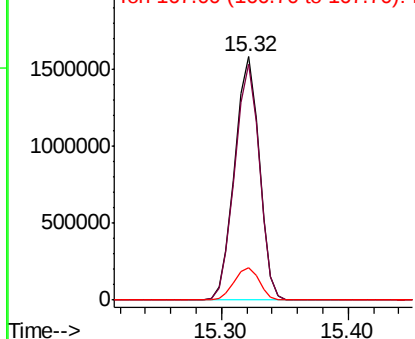


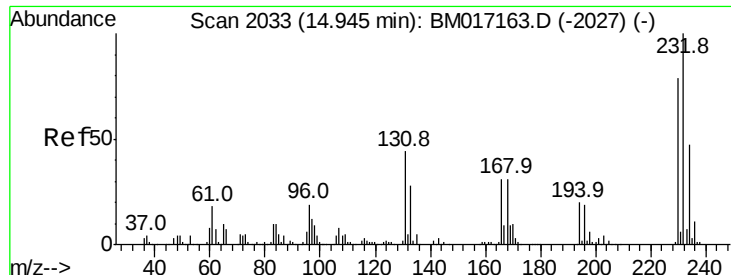
#58
Fluorene
Concen: 47.339 ng
RT: 15.32 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion:166 Resp: 2129038
Ion Ratio Lower Upper
166 100
165 96.8 78.1 117.1
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

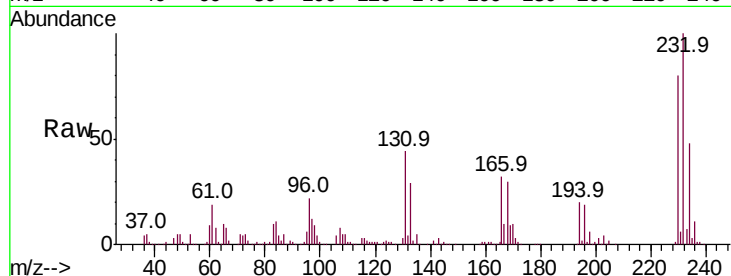




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.377 ng
 RT: 14.90 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.4	33.1	49.7
130	2.4	1.7	2.5
166	31.4	24.4	36.6



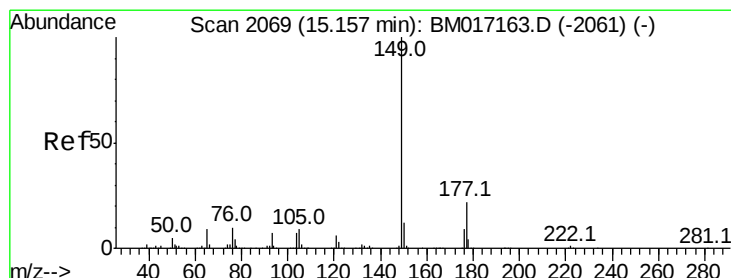
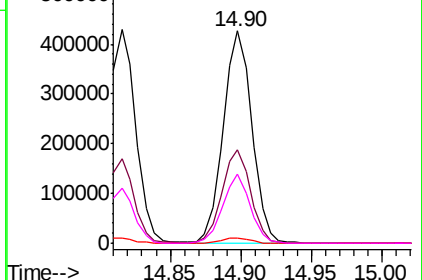
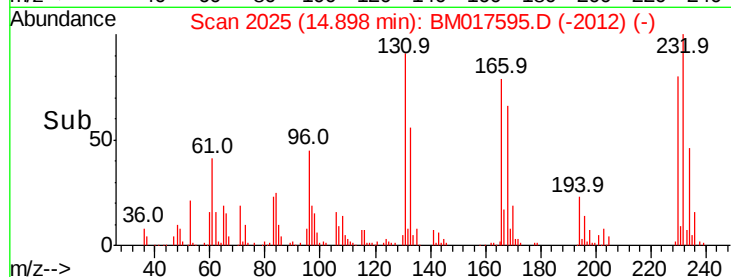
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

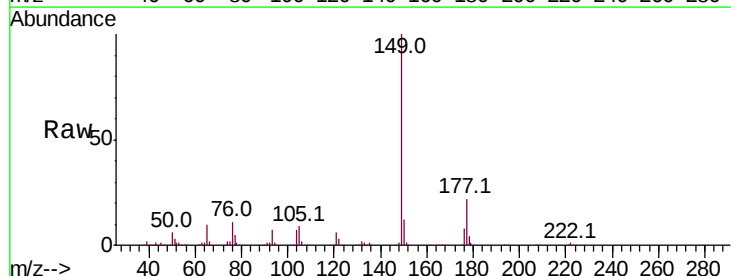
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 47.104 ng
 RT: 15.11 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.7	26.5
150	12.3	10.0	15.0

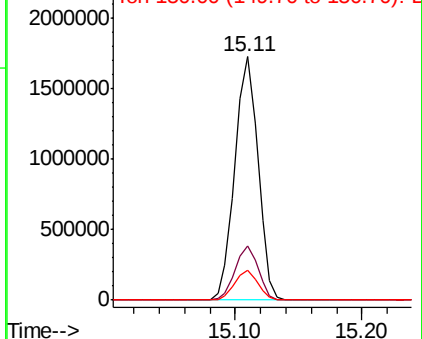
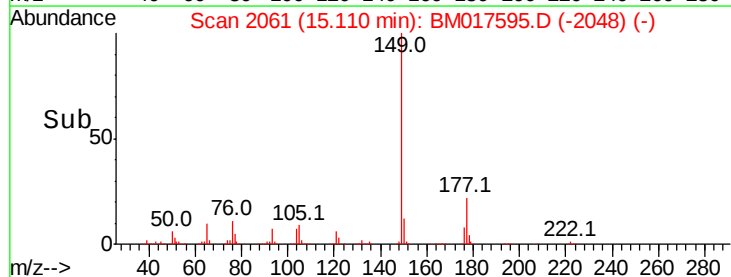


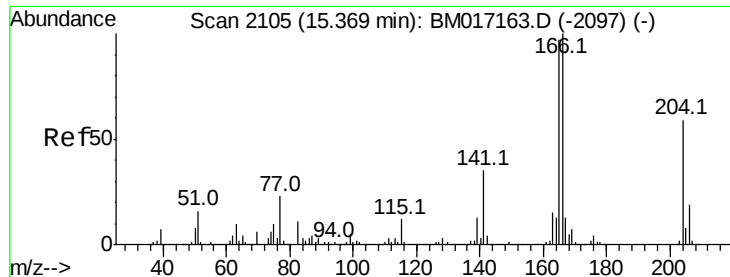
Abundance

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

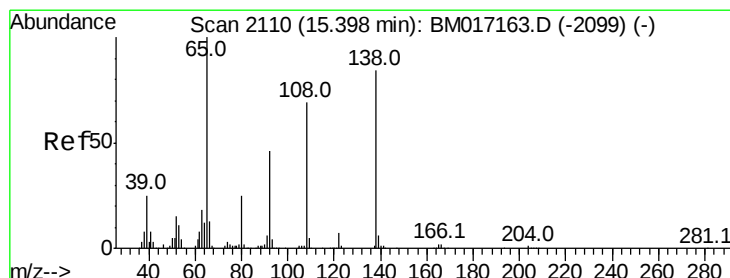
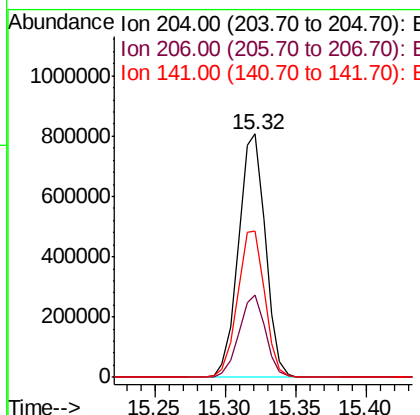
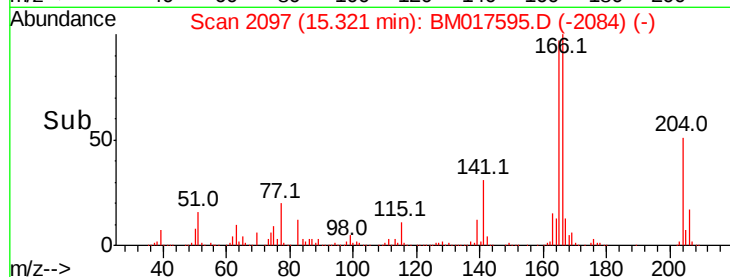
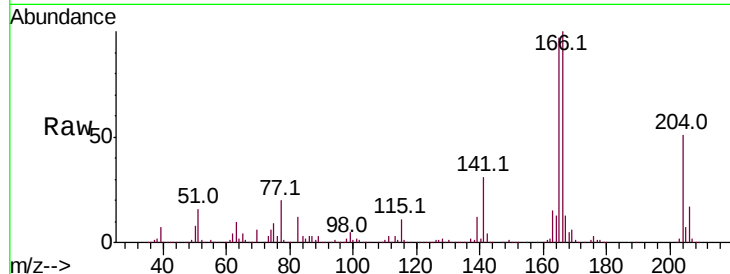




#61
4-Chlorophenyl-phenylether
Concen: 41.714 ng
RT: 15.32 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

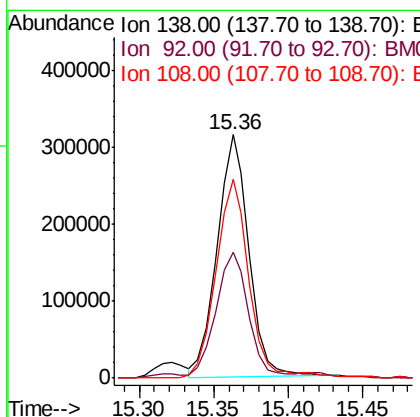
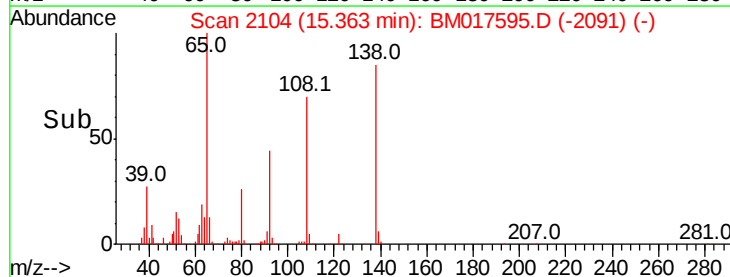
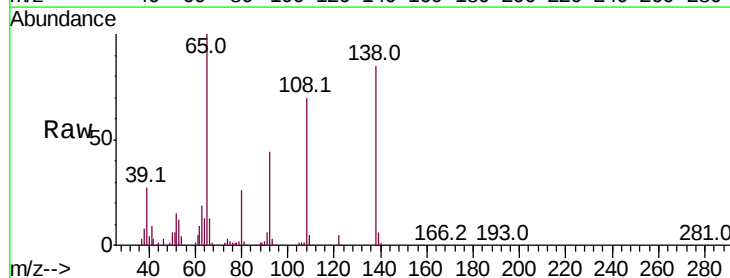
Instrument :
BNA_M
ClientSampleId :
PB114669BS

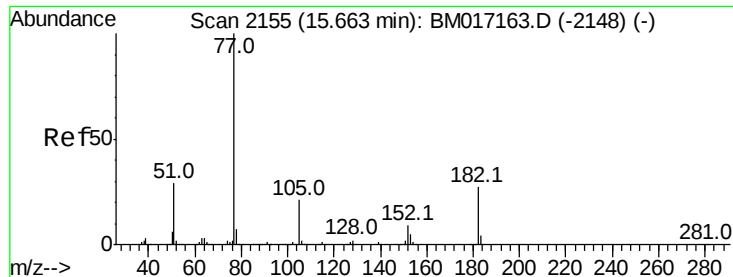
Tot Ion:204 Resp: 1069529
Ion Ratio Lower Upper
204 100
206 33.6 26.1 39.1
141 59.9 45.4 68.2



#62
4-Nitroaniline
Concen: 38.610 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion:138 Resp: 467695
Ion Ratio Lower Upper
138 100
92 51.8 31.2 71.2
108 81.4 55.5 95.5





#63

Azobenzene

Concen: 47.999 ng

RT: 15.62 min Scan# 2147

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

Tot Ion: 77 Resp: 2164677

Ion	Ratio	Lower	Upper
77	100		
182	26.7	8.3	48.3
105	20.0	1.5	41.5
51	31.1	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) (-)

2500000

2000000

1500000

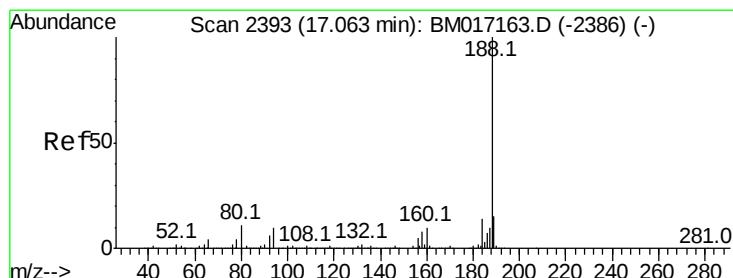
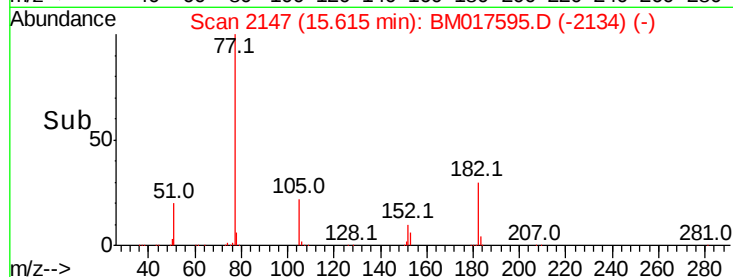
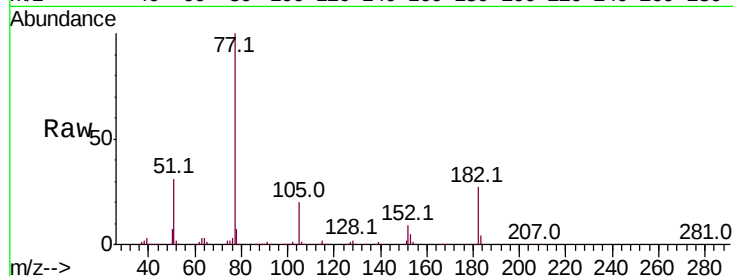
1000000

500000

0

15.55 15.60 15.65 15.70

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.02 min Scan# 2385

Delta R.T. -0.03 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Tgt Ion: 188 Resp: 1395747

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.4
80	11.7	7.7	11.5

Abundance

Ion 188.00 (187.70 to 188.70): BM017163.D (-2386) (-)

Ion 94.00 (93.70 to 94.70): BM017163.D (-2386) (-)

Ion 80.00 (79.70 to 80.70): BM017163.D (-2386) (-)

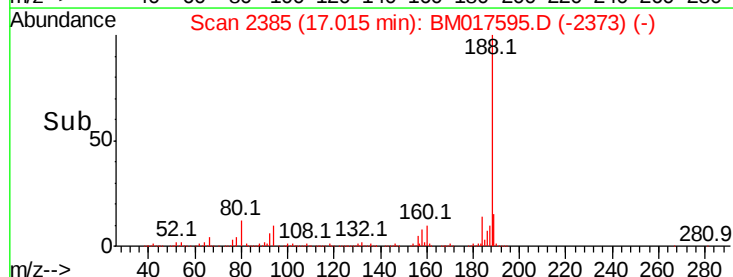
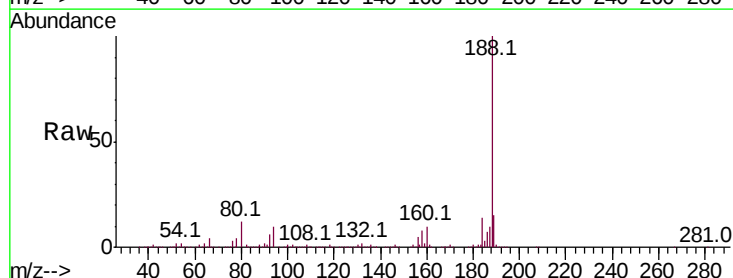
1000000

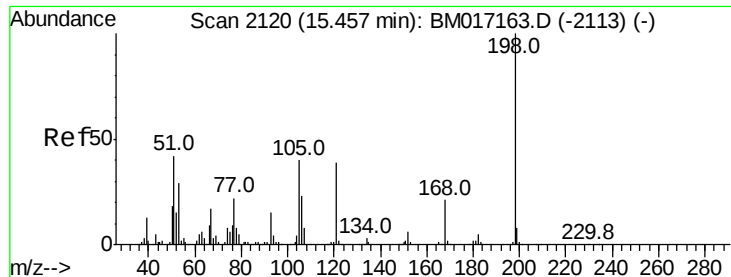
500000

0

17.00 17.02 17.04

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 44.743 ng

RT: 15.42 min Scan# 2113

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

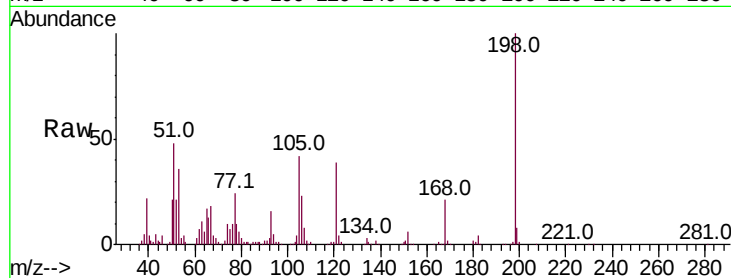
Tot Ion:198 Resp: 396035

Ion	Ratio	Lower	Upper
198	100		
51	48.3	20.3	60.3
105	41.9	21.9	61.9

198 100

51 48.3 20.3 60.3

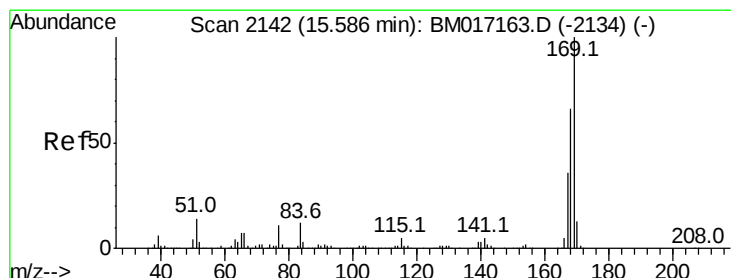
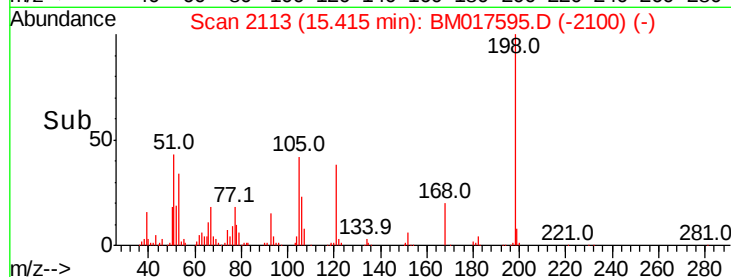
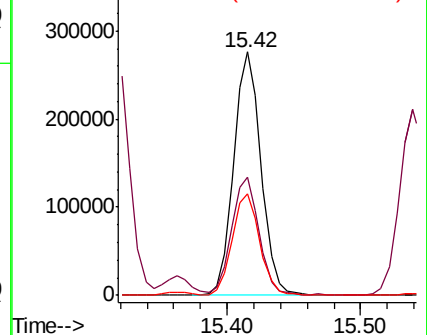
105 41.9 21.9 61.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM017595.D (-2113) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.142 ng

RT: 15.54 min Scan# 2134

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

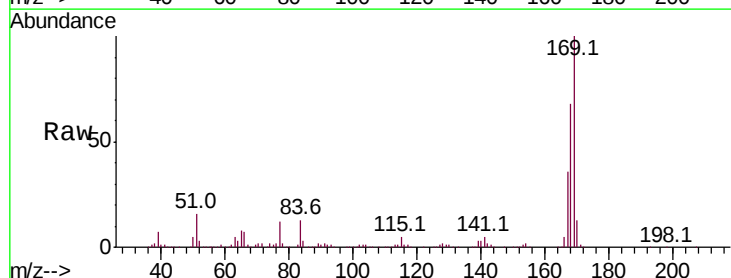
Tgt Ion:169 Resp: 1864048

Ion	Ratio	Lower	Upper
169	100		
168	68.3	52.2	78.4
167	36.3	28.4	42.6

169 100

168 68.3 52.2 78.4

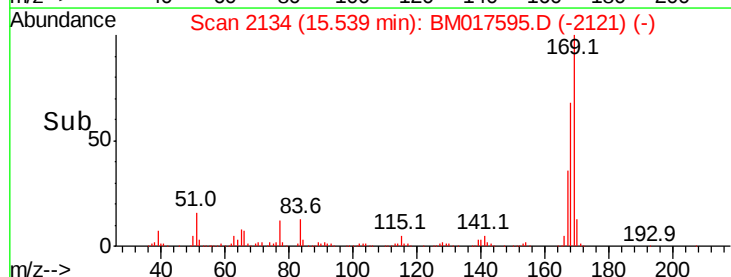
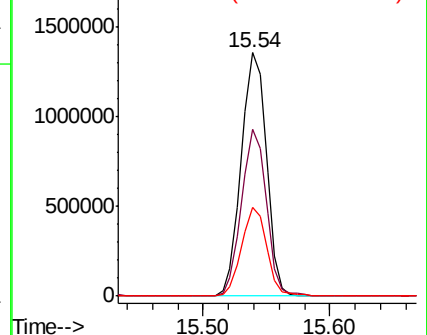
167 36.3 28.4 42.6

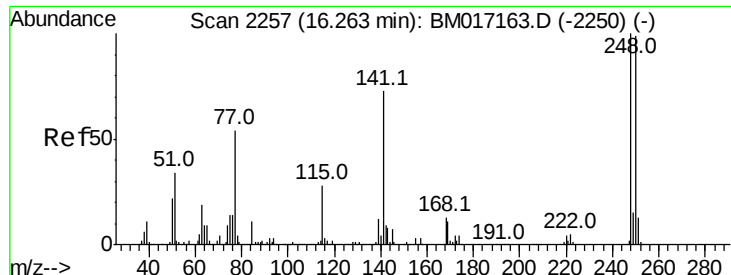


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

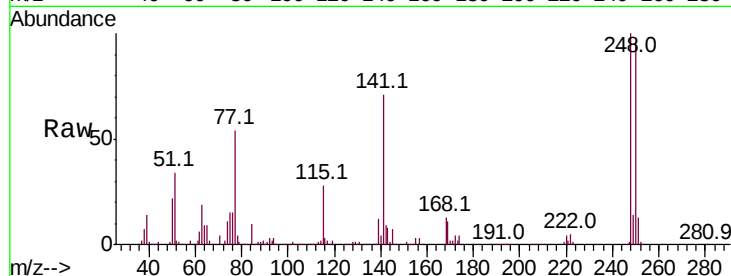




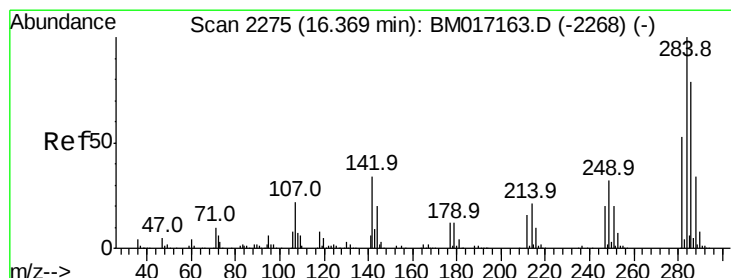
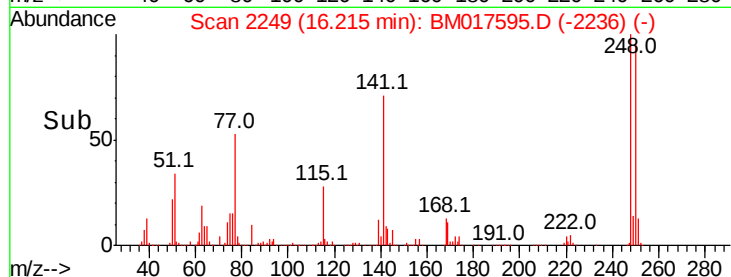
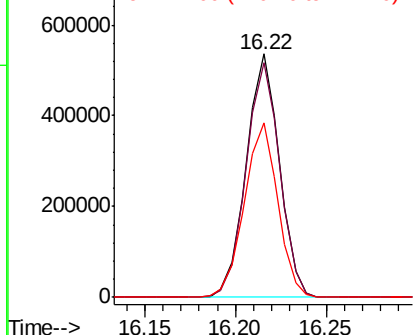
#67
4-Bromophenyl-phenylether
Concen: 44.554 ng
RT: 16.22 min Scan# 2249
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion:248 Resp: 682802
Ion Ratio Lower Upper
248 100
250 96.3 75.1 112.7
141 71.4 55.6 83.4

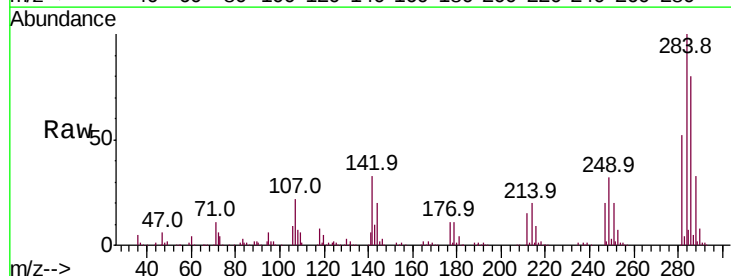


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

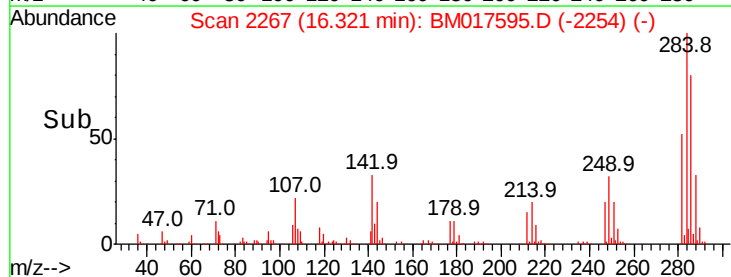
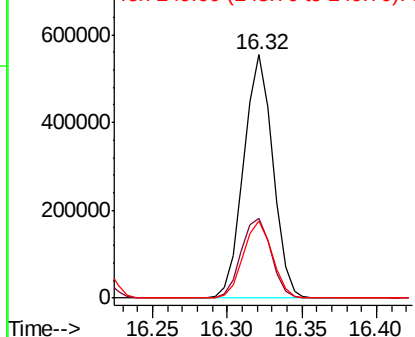


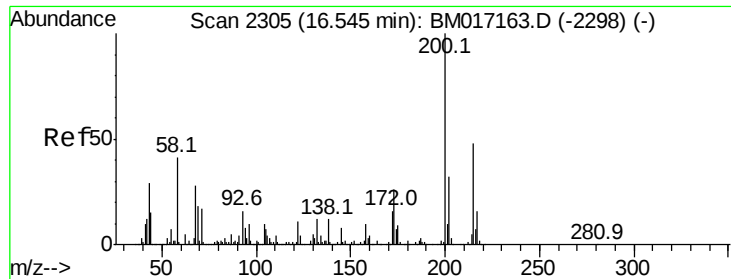
#68
Hexachlorobenzene
Concen: 42.080 ng
RT: 16.32 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion:284 Resp: 749115
Ion Ratio Lower Upper
284 100
142 32.6 25.0 37.6
249 31.7 25.5 38.3



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





#69

Atrazine

Concen: 46.004 ng

RT: 16.50 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

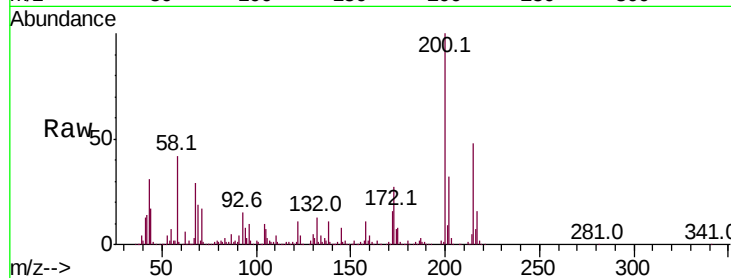
Tot Ion:200 Resp: 695291

Ion Ratio Lower Upper

200 100

173 26.5 7.0 47.0

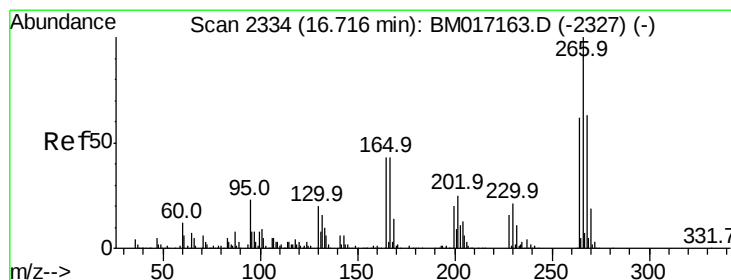
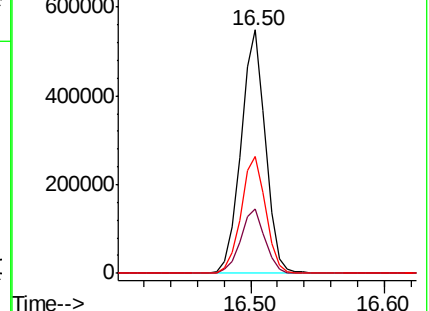
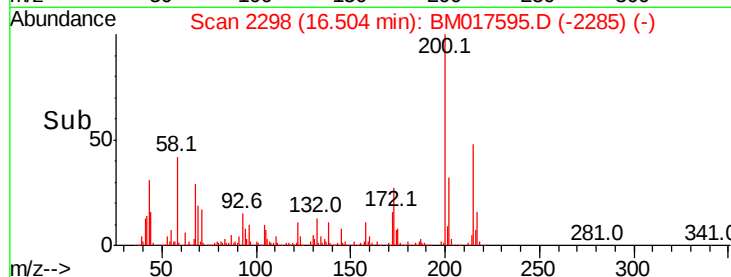
215 47.9 27.3 67.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.748 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

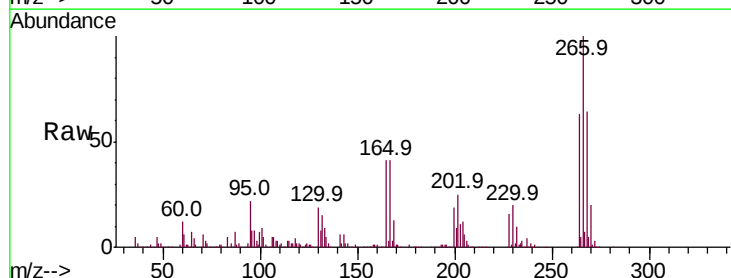
Tgt Ion:266 Resp: 948133

Ion Ratio Lower Upper

266 100

268 64.1 50.7 76.1

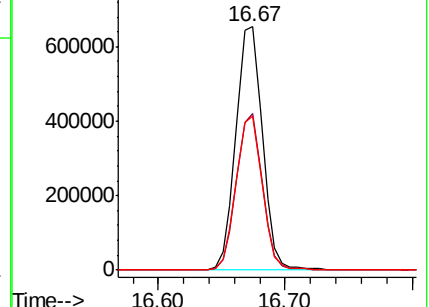
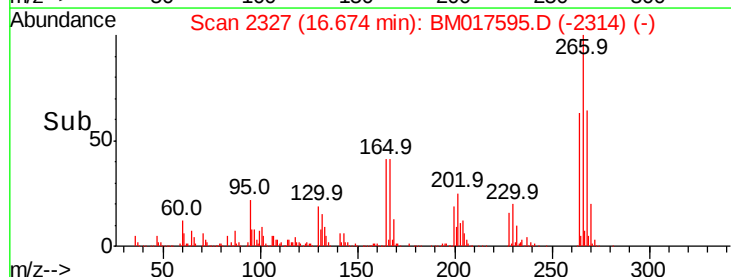
264 63.3 50.4 75.6

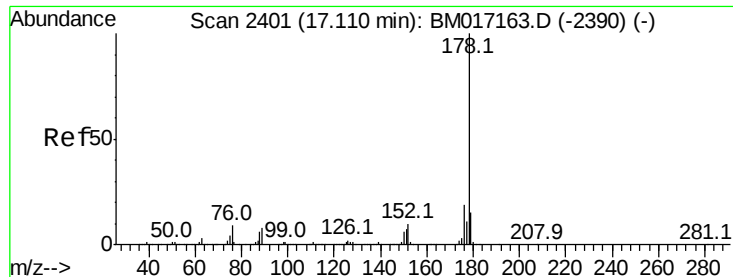


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

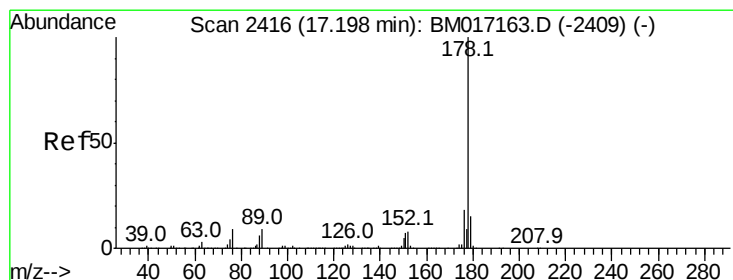
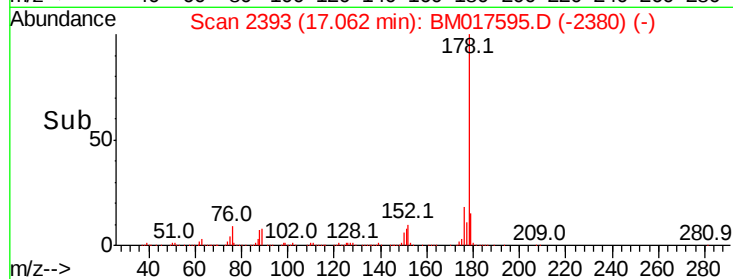
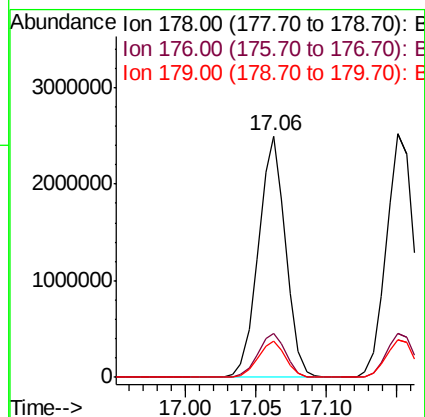
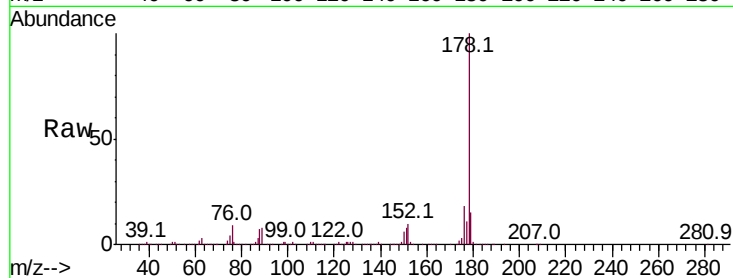




#71
Phenanthrene
Concen: 44.786 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

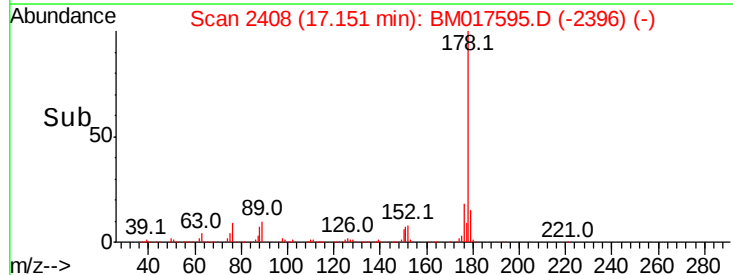
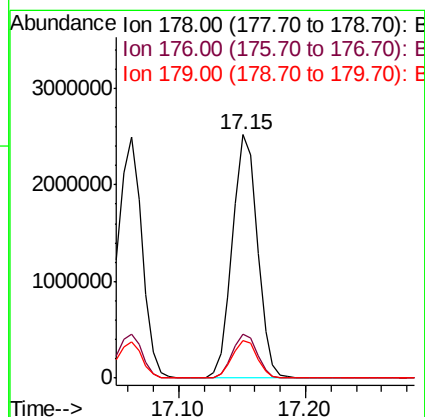
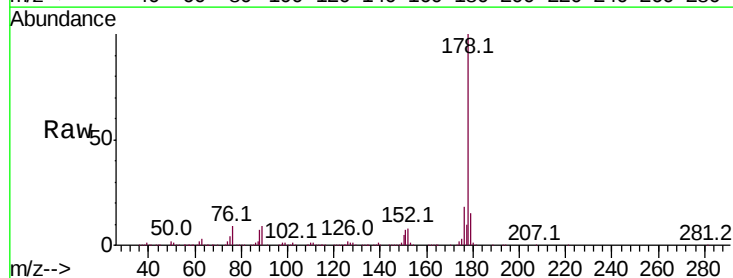
Instrument :
BNA_M
ClientSampleId :
PB114669BS

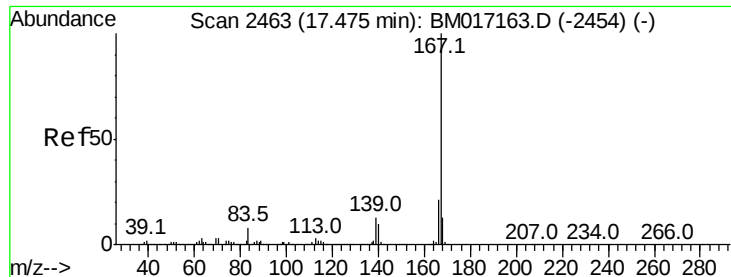
Tot Ion:178 Resp: 3372593
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.2 12.3 18.5



#72
Anthracene
Concen: 48.039 ng
RT: 17.15 min Scan# 2408
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion:178 Resp: 3437359
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 15.2 12.2 18.2



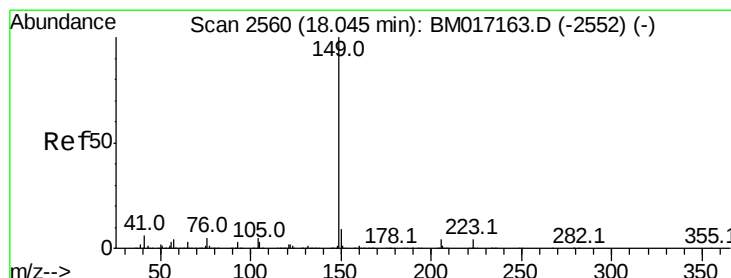
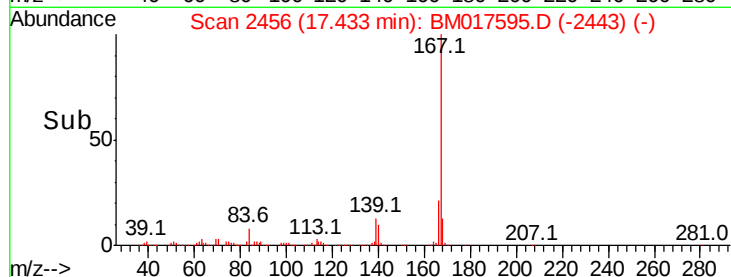
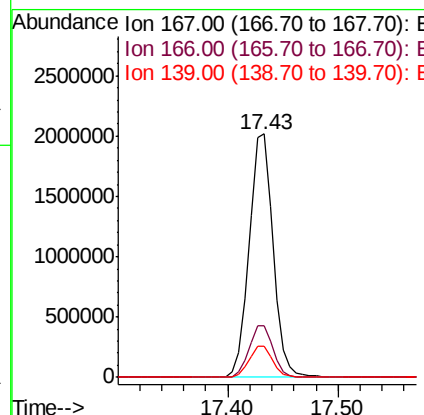
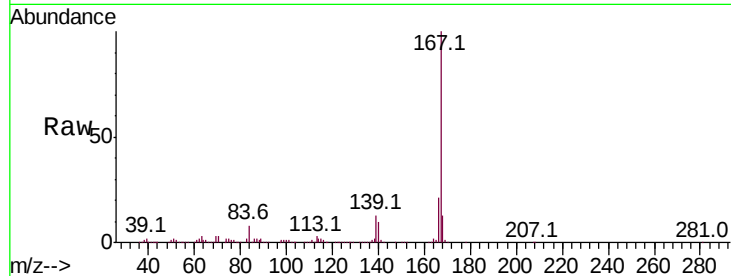


#73
 Carbazole
 Concen: 42.130 ng
 RT: 17.43 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

Tot Ion:167 Resp: 3079337

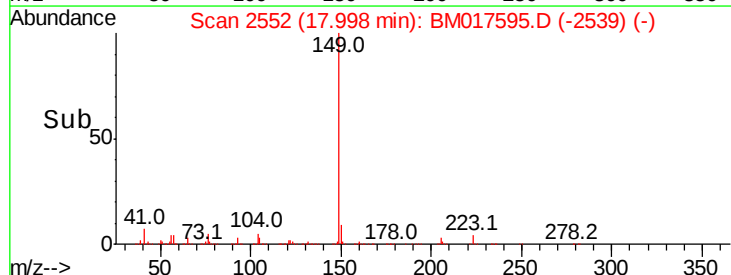
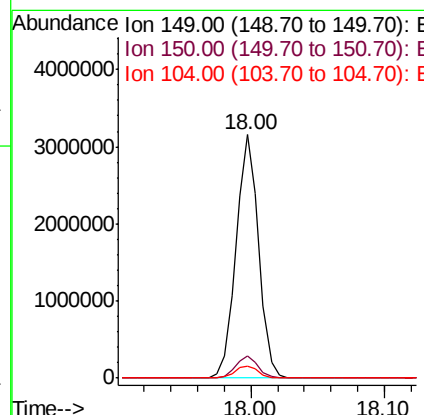
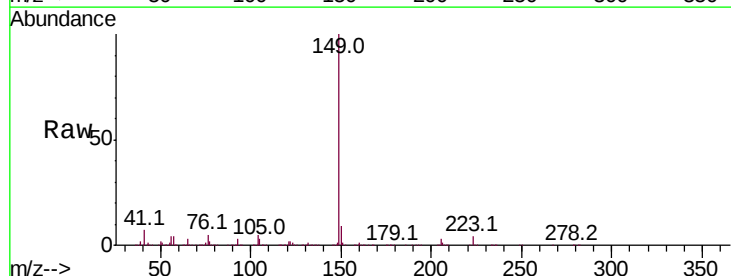
Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	12.6	10.1	15.1

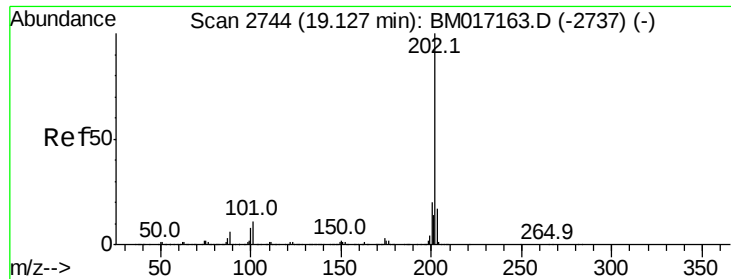


#74
 Di-n-butylphthalate
 Concen: 48.188 ng
 RT: 18.00 min Scan# 2552
 Delta R.T. -0.02 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Tgt Ion:149 Resp: 3714885

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 45.758 ng

RT: 19.09 min Scan# 2737

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

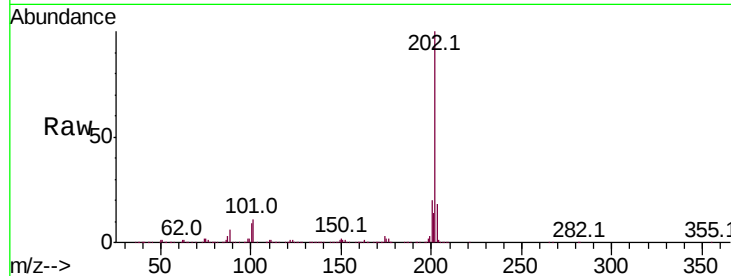
Tot Ion:202 Resp: 3877461

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.0

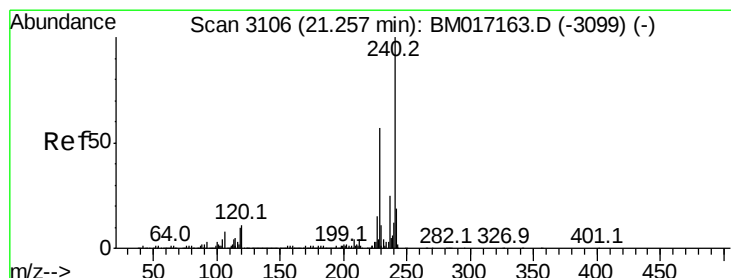
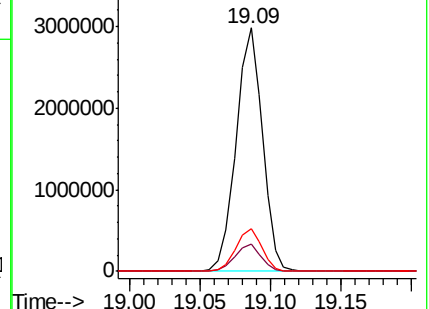
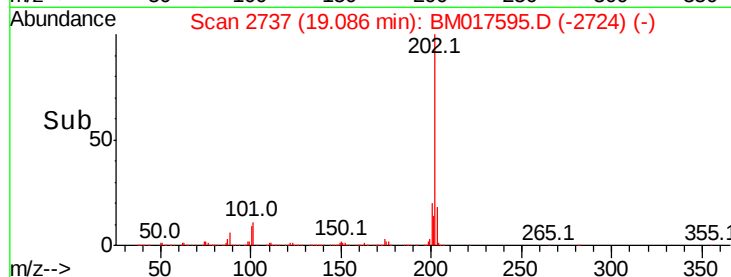
203 17.6 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

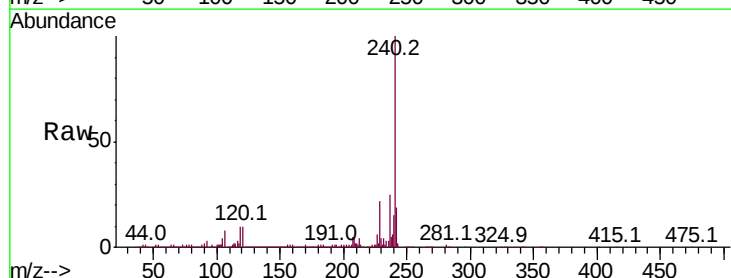
Tgt Ion:240 Resp: 1470080

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

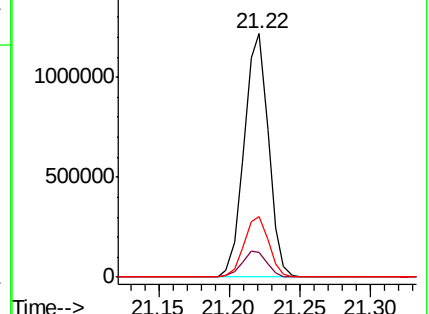
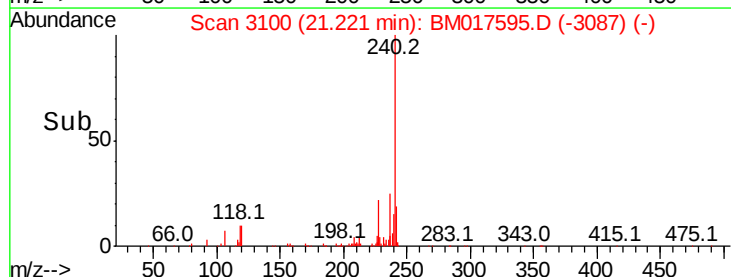
236 24.7 19.9 29.9

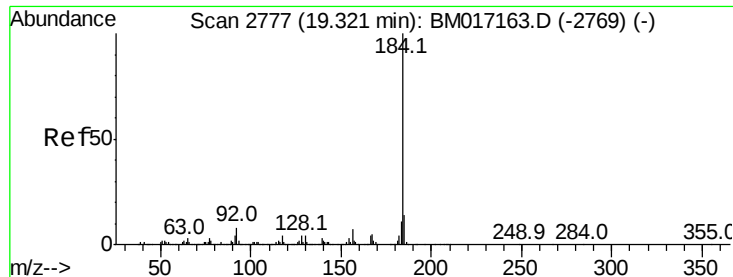


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 61.506 ng

RT: 19.29 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

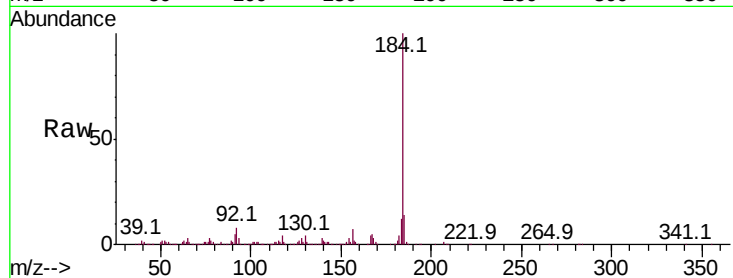
BNA_M

ClientSampleId :

PB114669BS

Tot Ion:184 Resp: 2292687

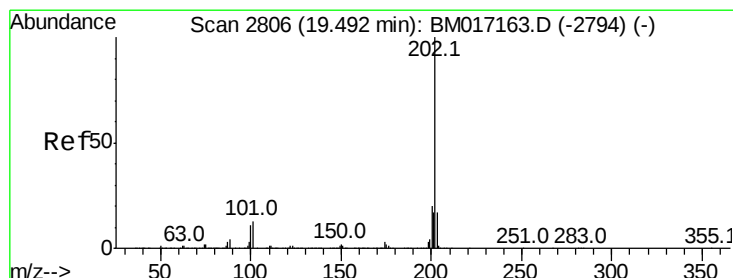
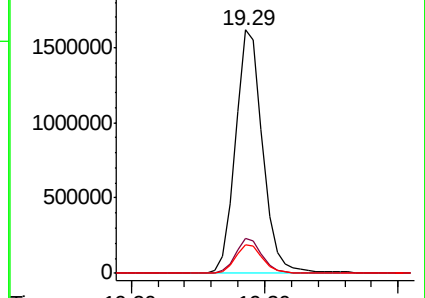
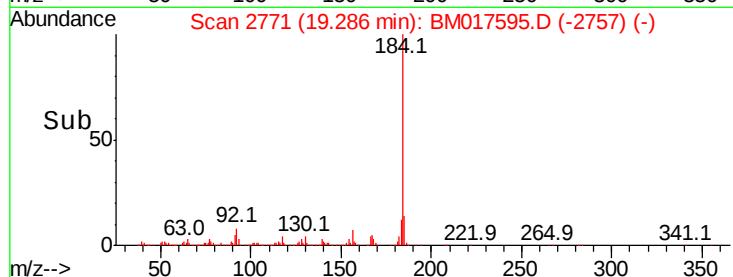
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.8	17.8
183	11.9	9.7	14.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.380 ng

RT: 19.45 min Scan# 2799

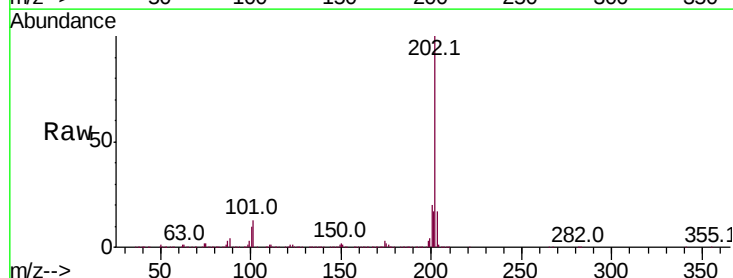
Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Tgt Ion:202 Resp: 3975051

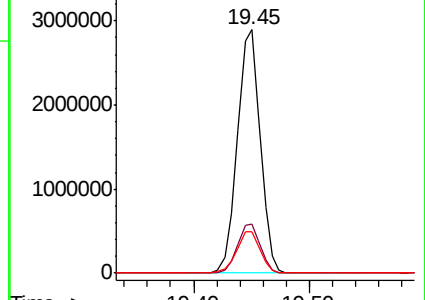
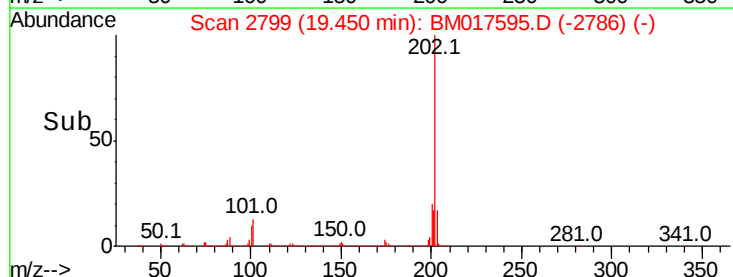
Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.3	24.5
203	17.2	13.9	20.9

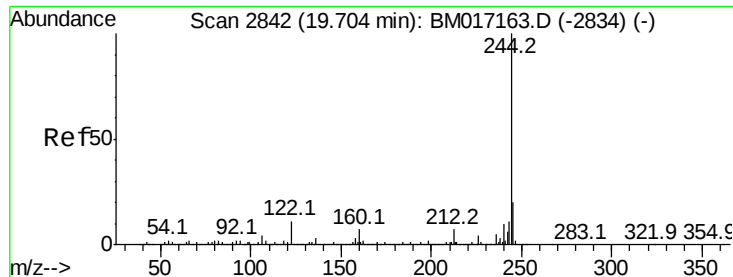


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.841 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

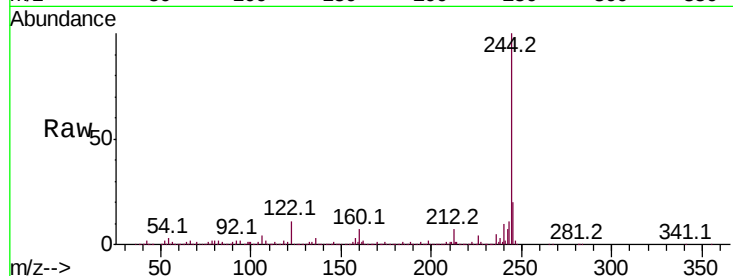
Tot Ion:244 Resp: 5598654

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

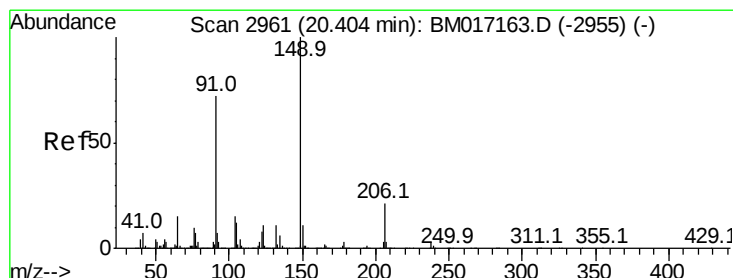
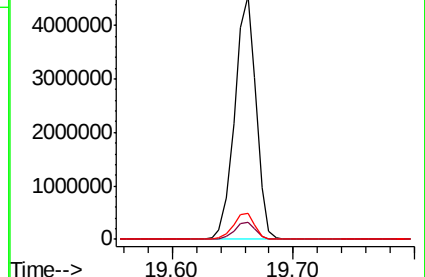
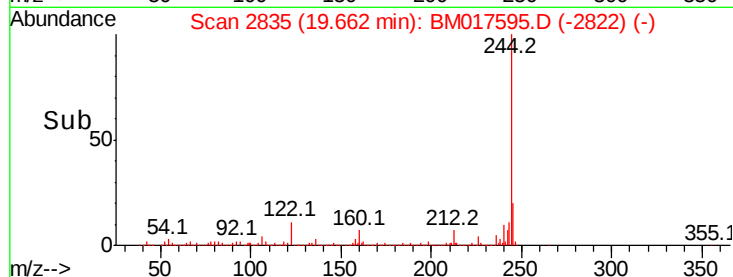
122 10.7 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 52.886 ng

RT: 20.36 min Scan# 2954

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

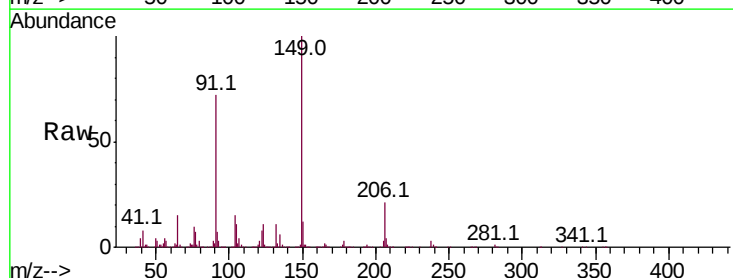
Tgt Ion:149 Resp: 1680389

Ion Ratio Lower Upper

149 100

91 72.1 51.3 76.9

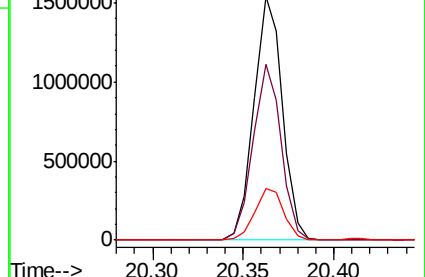
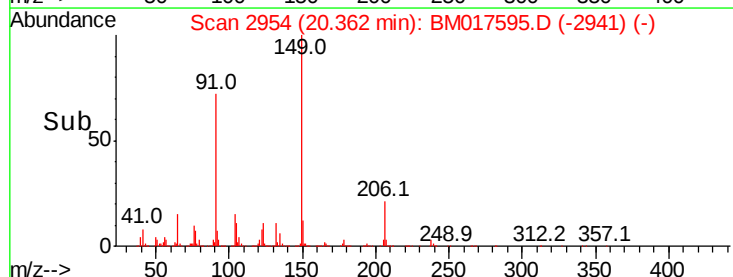
206 21.2 18.0 27.0

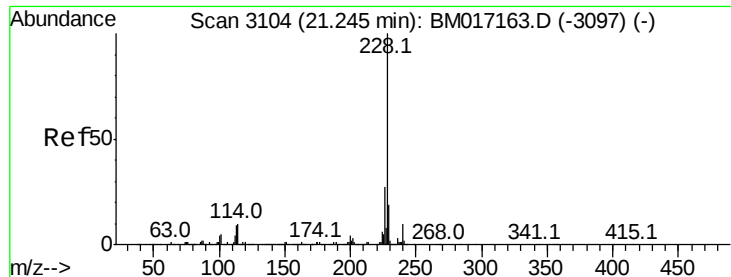


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.359 ng

RT: 21.20 min Scan# 3097

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

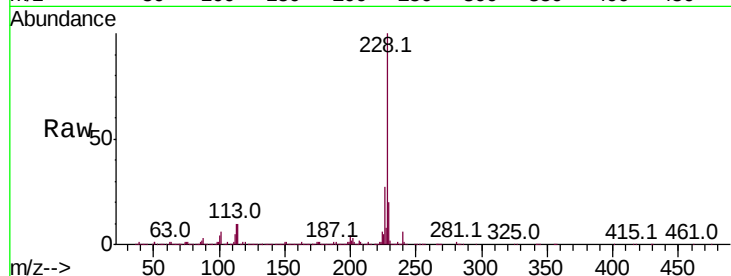
BNA_M

ClientSampleId :

PB114669BS

Tot Ion:228 Resp: 3835200

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.4	32.0
229	19.6	15.9	23.9

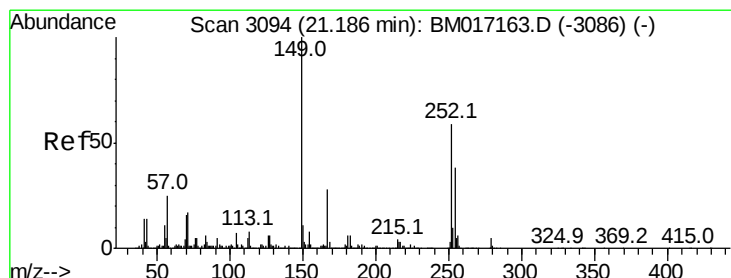
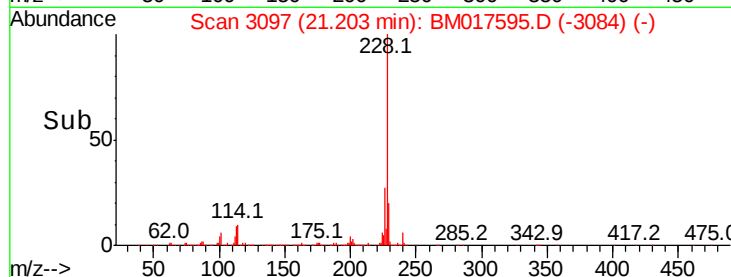
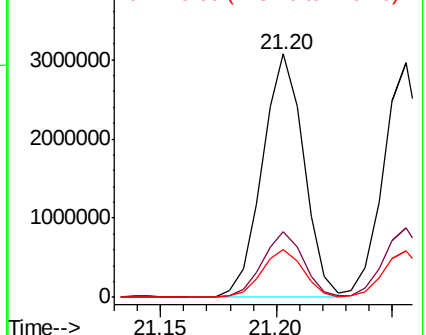


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.818 ng

RT: 21.14 min Scan# 3087

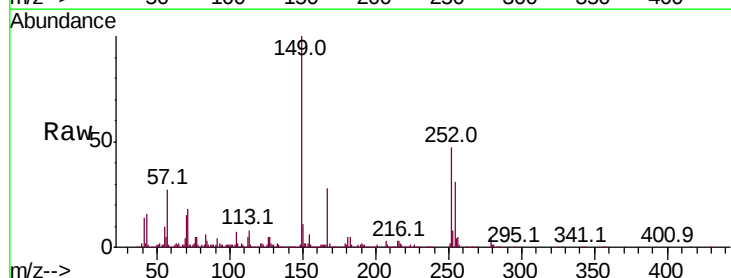
Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Tgt Ion:252 Resp: 1196862

Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.1	78.1
126	11.0	8.6	12.8

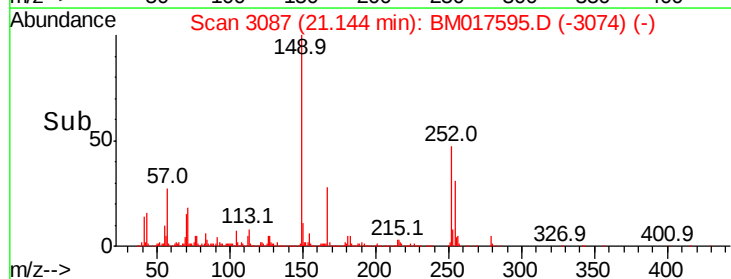
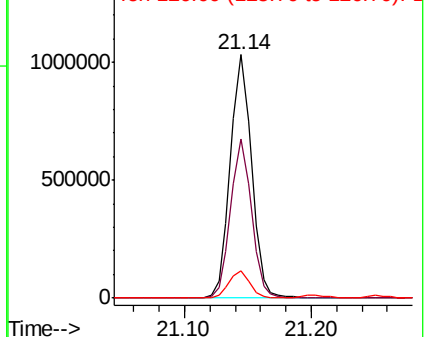


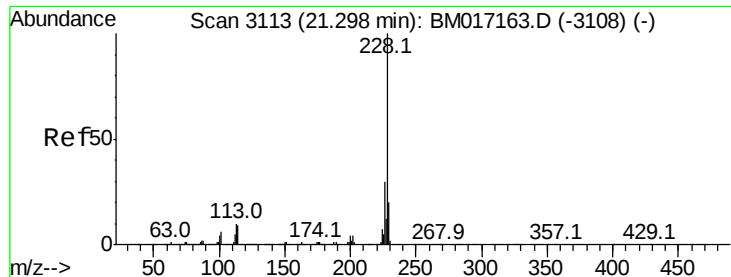
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.984 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

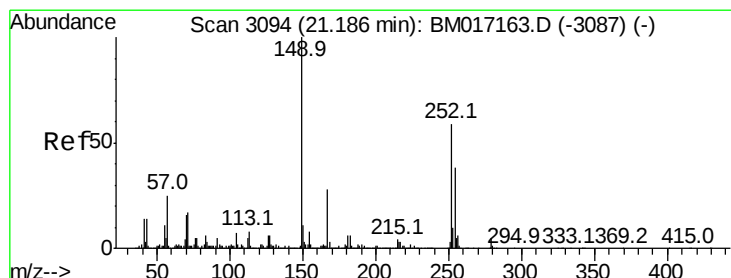
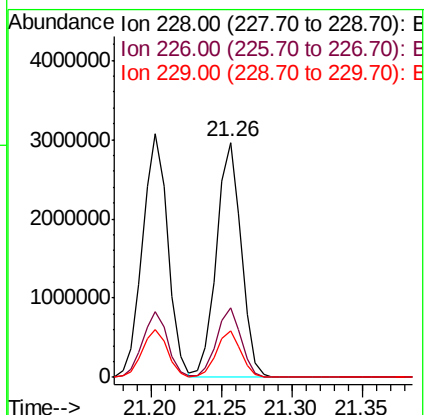
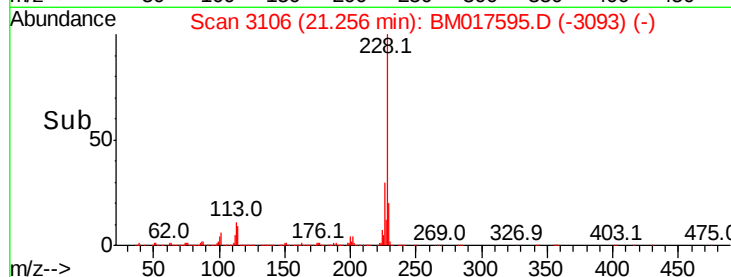
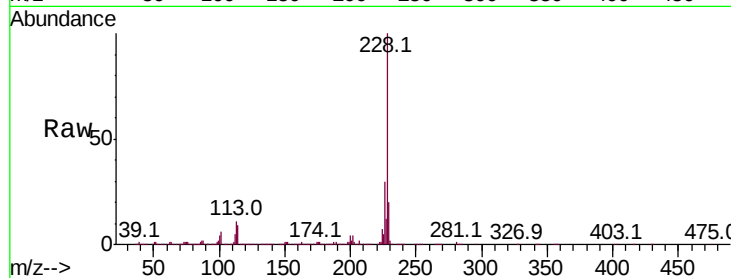
Tot Ion:228 Resp: 3601596

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.3	34.9
229	19.6	15.6	23.4

228 100

226 29.7 23.3 34.9

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.076 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

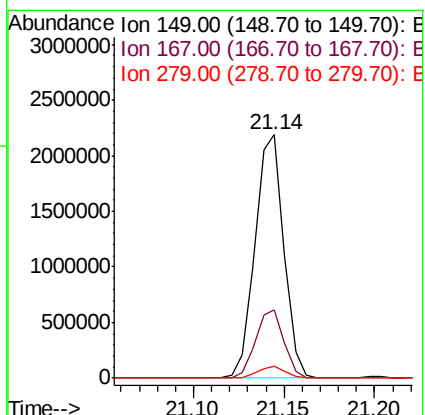
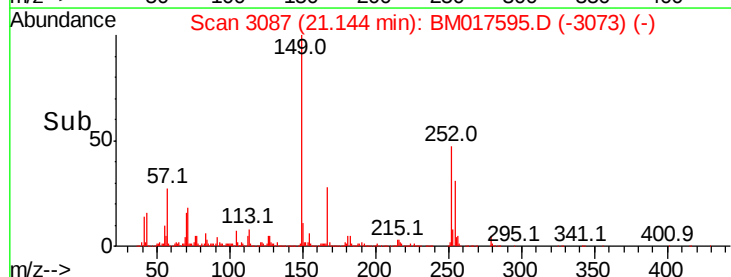
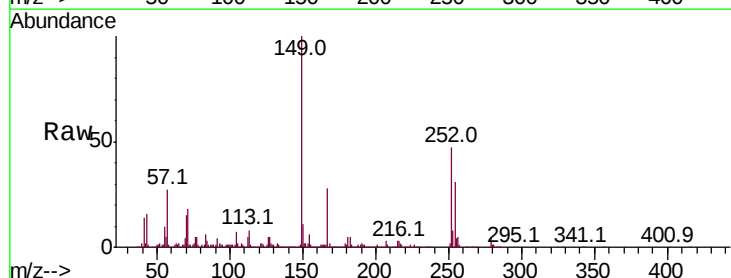
Tgt Ion:149 Resp: 2407829

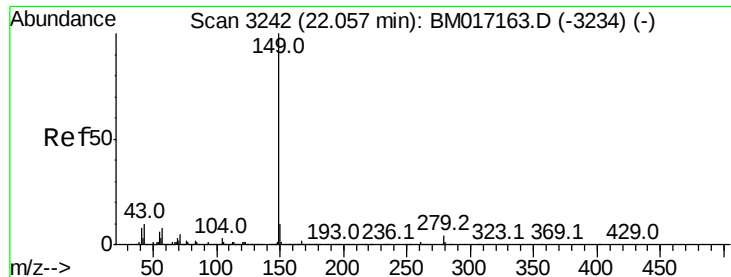
Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	4.9	3.6	5.4

149 100

167 28.1 22.2 33.4

279 4.9 3.6 5.4

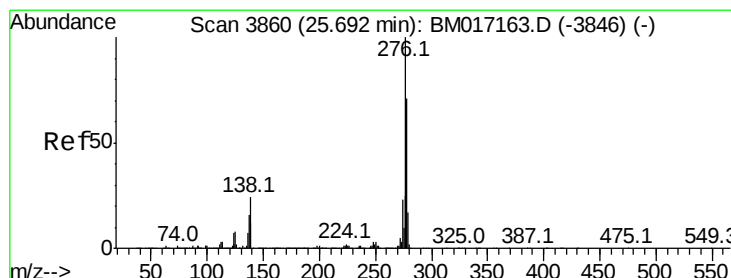
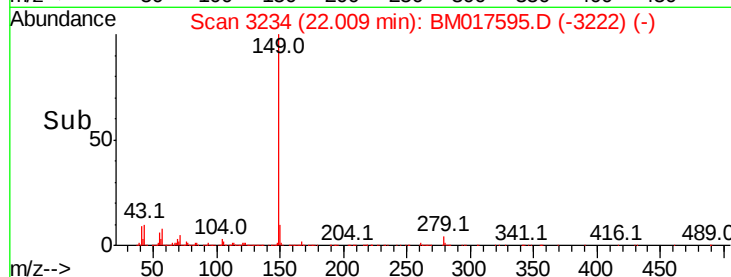
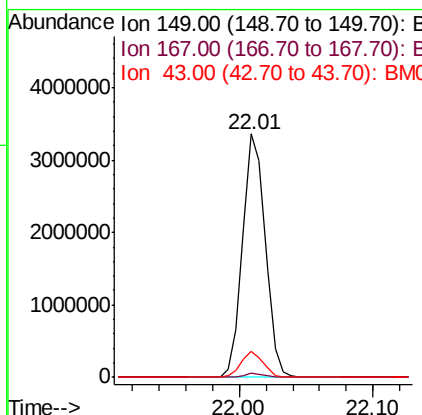
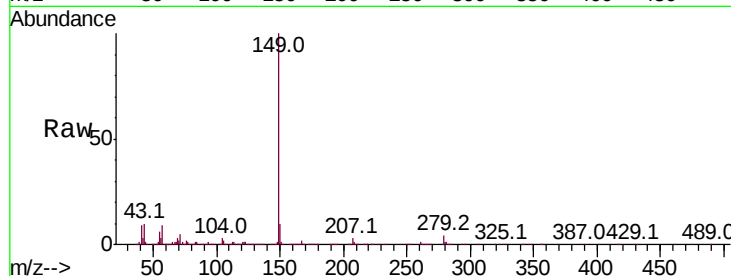




#85
Di-n-octyl phthalate
Concen: 48.639 ng
RT: 22.01 min Scan# 3234
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

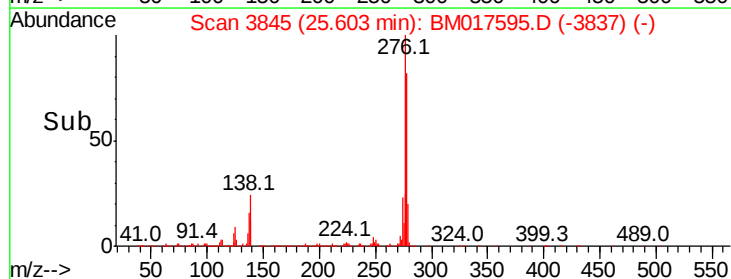
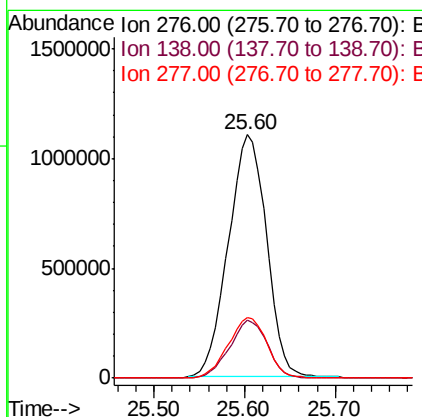
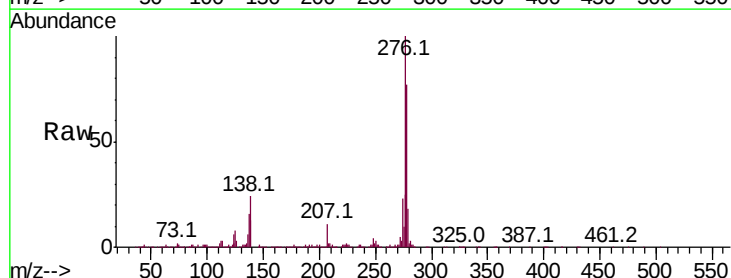
Instrument :
BNA_M
ClientSampleId :
PB114669BS

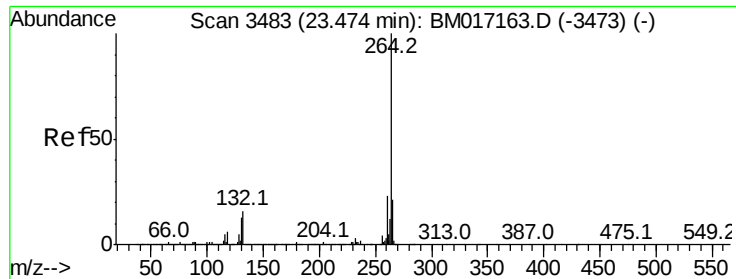
Tot Ion:149 Resp: 3948529
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.2 7.2 10.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.314 ng
RT: 25.60 min Scan# 3845
Delta R.T. -0.05 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion:276 Resp: 3234226
Ion Ratio Lower Upper
276 100
138 23.3 19.5 29.3
277 24.9 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3473

Delta R.T. -0.04 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

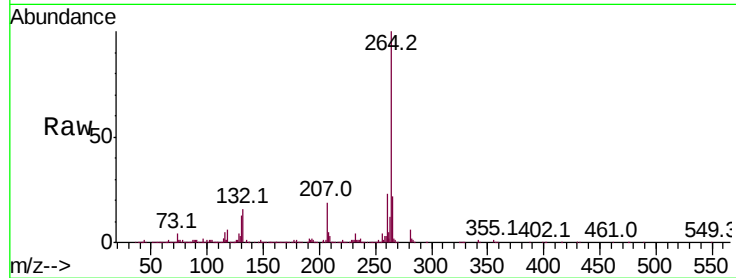
Tot Ion:264 Resp: 1306120

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	27.8
265	22.3	17.8	26.8

264 100

260 22.6 18.6 27.8

265 22.3 17.8 26.8

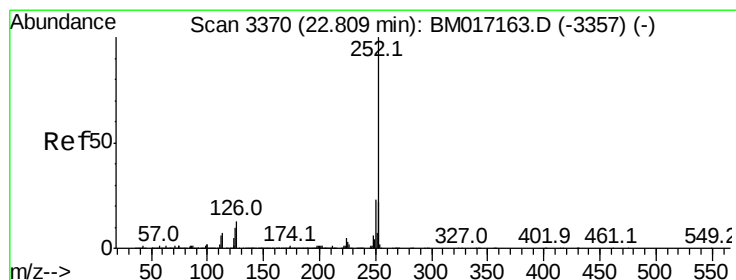
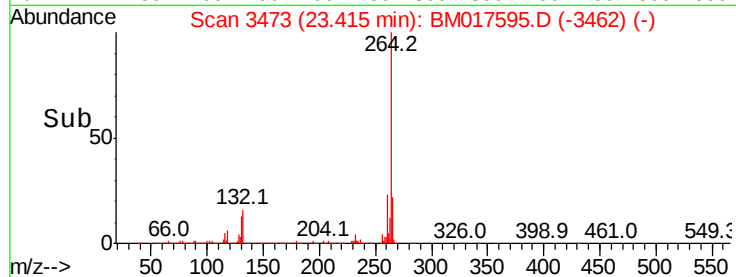
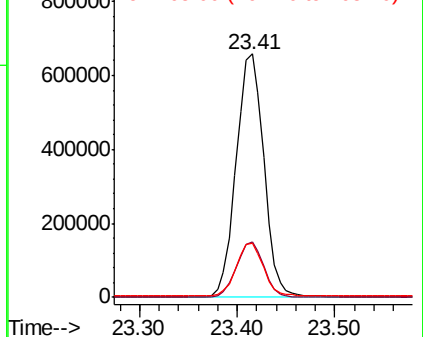


Abundance

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: 49.787 ng

RT: 22.76 min Scan# 3361

Delta R.T. -0.04 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

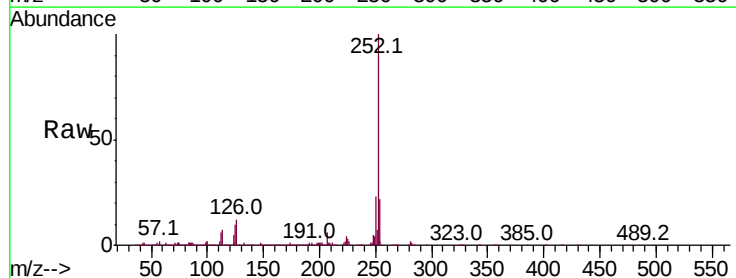
Tgt Ion:252 Resp: 3555301

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	9.9	7.5	11.3

252 100

253 21.6 17.4 26.2

125 9.9 7.5 11.3

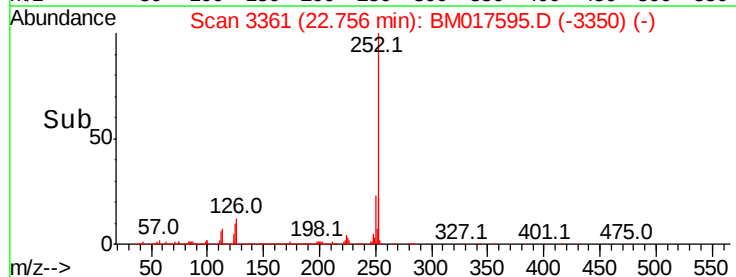
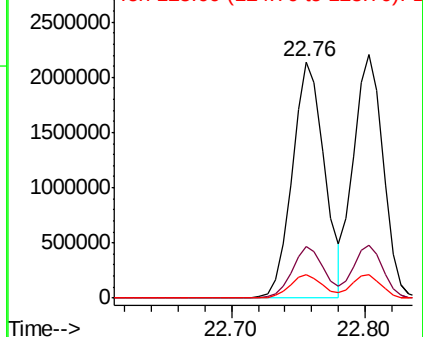


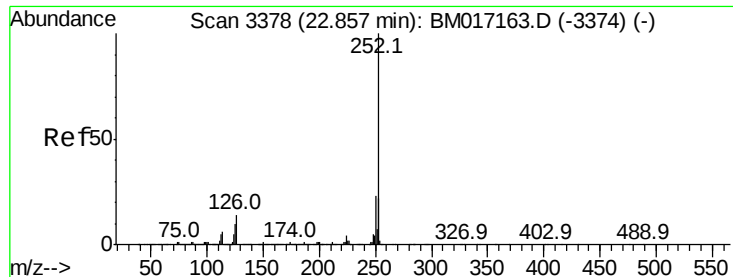
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.412 ng

RT: 22.80 min Scan# 3369

Delta R.T. -0.03 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

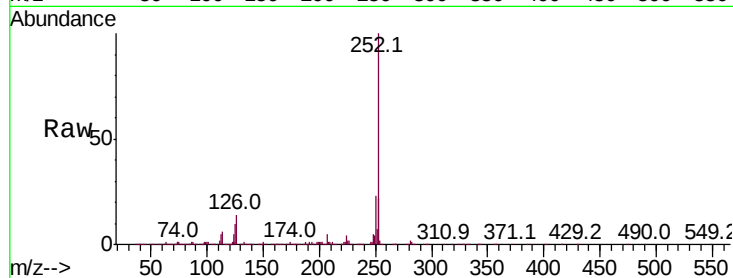
Tot Ion:252 Resp: 3397305

Ion Ratio Lower Upper

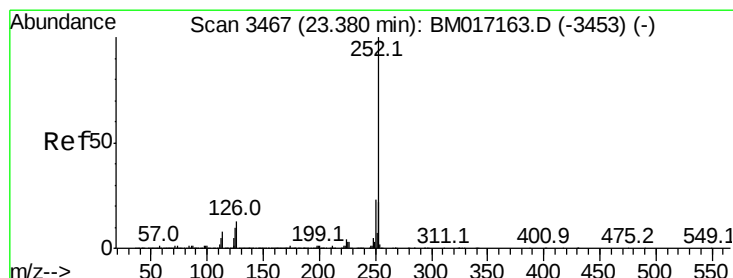
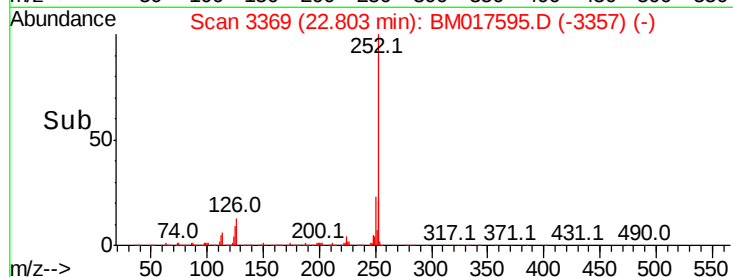
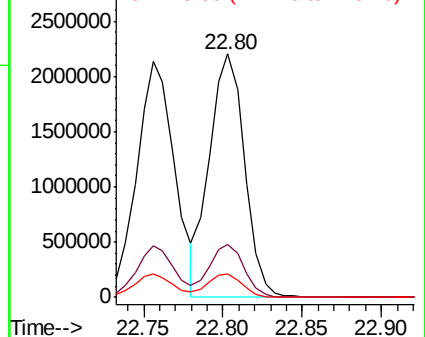
252 100

253 21.5 17.5 26.3

125 9.7 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.912 ng

RT: 23.32 min Scan# 3457

Delta R.T. -0.04 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

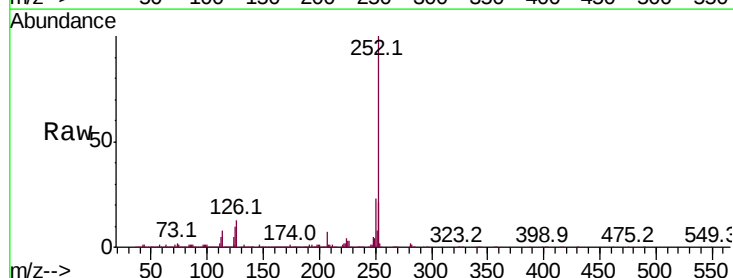
Tgt Ion:252 Resp: 3248526

Ion Ratio Lower Upper

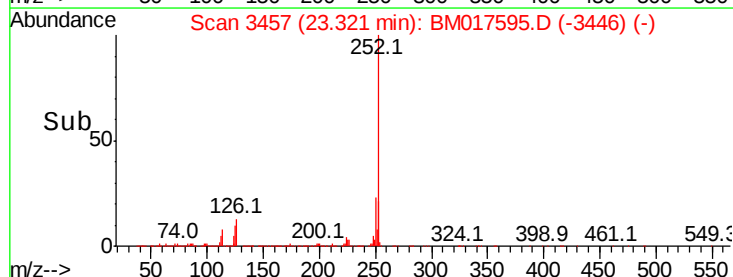
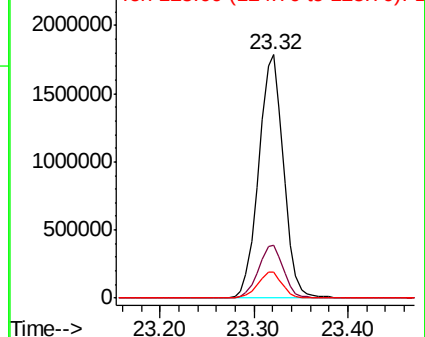
252 100

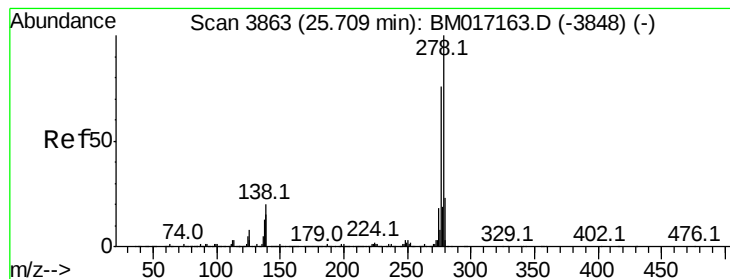
253 21.5 17.4 26.0

125 10.4 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: 40.978 ng

RT: 25.61 min Scan# 3847

Delta R.T. -0.05 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

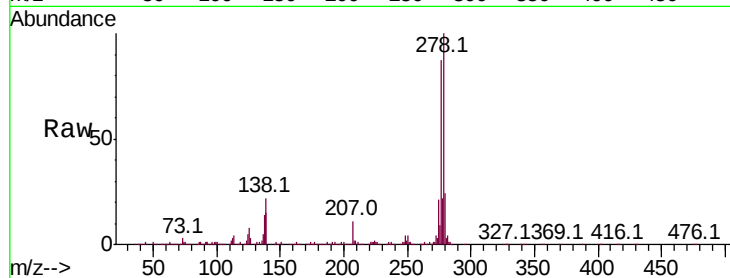
BNA_M

ClientSampleId :

PB114669BS

Tot Ion:278 Resp: 2758822

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.7	19.1
279	23.6	18.7	28.1

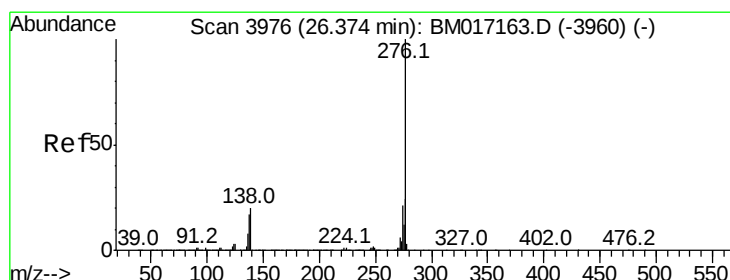
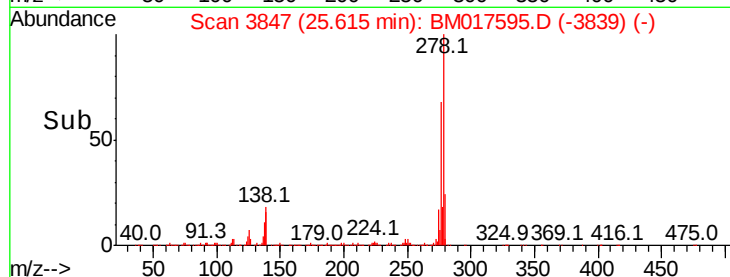
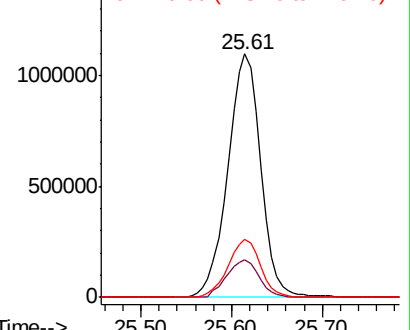


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.281 ng

RT: 26.27 min Scan# 3959

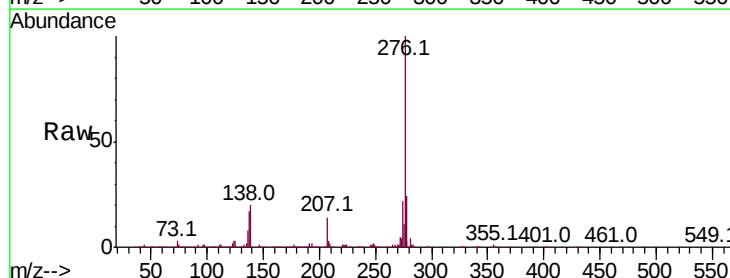
Delta R.T. -0.05 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Tgt Ion:276 Resp: 2621136

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	19.7	16.4	24.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

