

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102318\
 Data File : BM017291.D
 Acq On : 23 Oct 2018 19:02
 Operator : MJ/SJ
 Sample : J5604-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 24 06:56:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	283671	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1144287	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	692367	20.00	ng	-0.01
64) Phenanthrene-d10	17.05	188	1634111	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	1692102	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1427914	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1826826	108.92	ng	0.00
7) Phenol-d6	6.85	99	2267161	99.25	ng	0.00
23) Nitrobenzene-d5	8.82	82	1628043	83.21	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1258393	134.40	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3938458	75.69	ng	-0.02
79) Terphenyl-d14	19.69	244	6531380	87.00	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	236942	27.666	ng	# 86
3) Pyridine	3.65	79	595974	30.243	ng	# 84
4) n-Nitrosodimethylamine	3.56	42	330407	41.766	ng	# 74
6) Aniline	7.00	93	569979	19.949	ng	99
8) 2-Chlorophenol	7.23	128	912283	47.017	ng	98
9) Benzaldehyde	6.82	77	441898	30.340	ng	97
10) Phenol	6.88	94	975280	39.671	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	836252	42.671	ng	98
12) 1,3-Dichlorobenzene	7.55	146	941704	41.634	ng	97
13) 1,4-Dichlorobenzene	7.70	146	965394	41.775	ng	98
14) 1,2-Dichlorobenzene	8.00	146	933606	41.931	ng	99
15) Benzyl Alcohol	7.90	79	809958	48.510	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1127697	41.188	ng	98
17) 2-Methylphenol	8.11	107	753584	47.757	ng	99
18) Hexachloroethane	8.72	117	343045	43.377	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	690805	45.928	ng	98
20) 3+4-Methylphenols	8.43	107	1030449	47.745	ng	98
22) Acetophenone	8.48	105	1647009	56.781	ng	# 100
24) Nitrobenzene	8.86	77	996534	48.152	ng	95
25) Isophorone	9.38	82	1905336	58.974	ng	99
26) 2-Nitrophenol	9.56	139	509248	52.033	ng	98
27) 2,4-Dimethylphenol	9.63	122	901988	63.138	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	1176280	51.728	ng	100
29) 2,4-Dichlorophenol	10.09	162	911182	54.934	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	912300	45.849	ng	99
31) Naphthalene	10.49	128	2812608	50.156	ng	100
32) Benzoic acid	9.79	122	639961	60.038	ng	98
33) 4-Chloroaniline	10.60	127	180717	7.462	ng	98
34) Hexachlorobutadiene	10.76	225	550519	43.665	ng	98
35) Caprolactam	11.41	113	217742	36.021	ng	97
36) 4-Chloro-3-methylphenol	11.74	107	1036480	55.436	ng	99
37) 2-Methylnaphthalene	12.10	142	2143278	55.853	ng	99
38) 1-Methylnaphthalene	12.33	142	2029909	54.351	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	1092446	44.804	ng	99

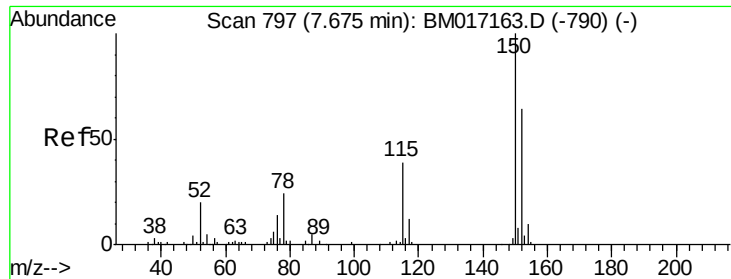
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102318\
 Data File : BM017291.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	1256176	106.569	ng	99
43) 2,4,6-Trichlorophenol	12.72	196	775828	54.812	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	850294	56.021	ng	99
46) 1,1'-Biphenyl	13.13	154	2739831	43.974	ng	99
47) 2-Chloronaphthalene	13.17	162	2135664	46.593	ng	99
48) 2-Nitroaniline	13.39	65	678995	51.908	ng	95
49) Acenaphthylene	14.02	152	3543955	53.341	ng	100
50) Dimethylphthalate	13.77	163	2845384	53.268	ng	100
51) 2,6-Dinitrotoluene	13.89	165	632483	53.798	ng	99
52) Acenaphthene	14.37	154	2081721	49.902	ng	98
53) 3-Nitroaniline	14.22	138	243645	19.135	ng	99
54) 2,4-Dinitrophenol	14.43	184	565447	81.779	ng	98
55) Dibenzofuran	14.70	168	3373062	48.623	ng	100
56) 4-Nitrophenol	14.55	139	1403764	118.549	ng	96
57) 2,4-Dinitrotoluene	14.69	165	913810	57.830	ng	# 99
58) Fluorene	15.36	166	2759624	53.744	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	800483	57.858	ng	98
60) Diethylphthalate	15.15	149	2997537	56.585	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1394332	47.632	ng	97
62) 4-Nitroaniline	15.39	138	672765	47.409	ng	99
63) Azobenzene	15.65	77	2659932	51.660	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	470140	45.269	ng	98
66) n-Nitrosodiphenylamine	15.57	169	2509291	50.755	ng	100
67) 4-Bromophenyl-phenylether	16.25	248	917611	51.141	ng	96
68) Hexachlorobenzene	16.36	284	1000449	48.001	ng	98
69) Atrazine	16.54	200	956720	54.068	ng	98
70) Pentachlorophenol	16.71	266	1253735	87.812	ng	99
71) Phenanthrene	17.10	178	4506428	51.113	ng	100
72) Anthracene	17.19	178	4628441	55.250	ng	99
73) Carbazole	17.46	167	4227950	49.407	ng	100
74) Di-n-butylphthalate	18.03	149	5220662	57.842	ng	99
75) Fluoranthene	19.12	202	5315063	53.574	ng	98
77) Benzidine	19.32	184	1274119	29.696	ng	98
78) Pyrene	19.48	202	5403991	57.141	ng	100
80) Butylbenzylphthalate	20.39	149	2402025	63.943	ng	94
81) Benzo(a)anthracene	21.23	228	5165407	54.246	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1012764	28.537	ng	98
83) Chrysene	21.29	228	4807257	51.005	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	3436768	60.823	ng	99
85) Di-n-octyl phthalate	22.04	149	5585627	58.501	ng	99
86) Indeno(1,2,3-cd)pyrene	25.67	276	4327758	41.054	ng	100
88) Benzo(b)fluoranthene	22.80	252	4524061	57.949	ng	99
89) Benzo(k)fluoranthene	22.84	252	4308682	55.002	ng	99
90) Benzo(a)pyrene	23.37	252	4079236	55.032	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	3665506	49.801	ng	99
92) Benzo(g,h,i)perylene	26.35	276	3623181	49.667	ng	99

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

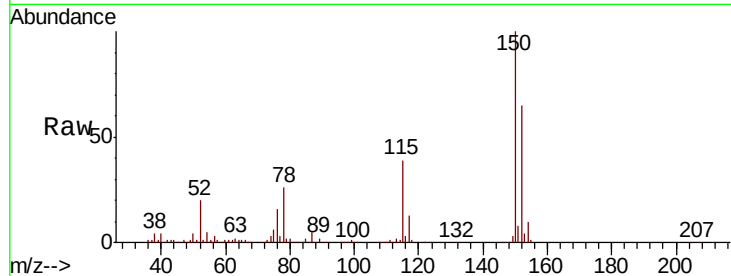


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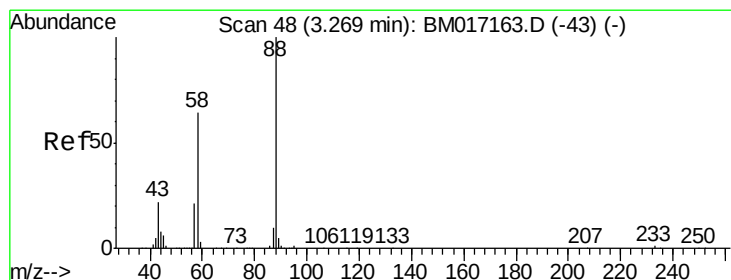
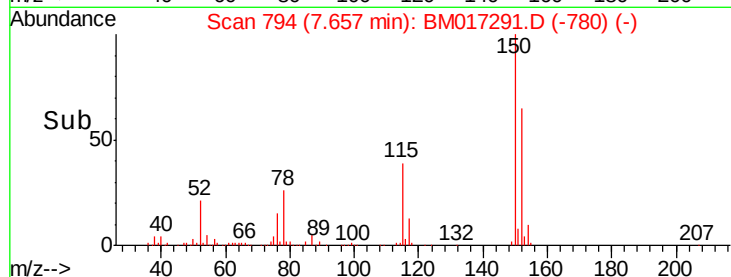
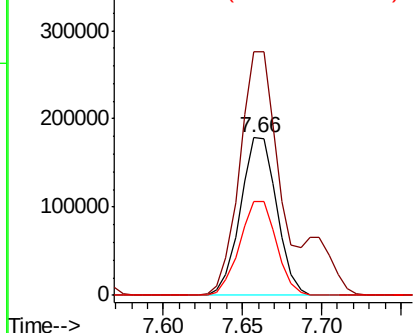
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 283671
Ion Ratio Lower Upper
152 100
150 154.2 124.3 186.5
115 59.8 48.1 72.1



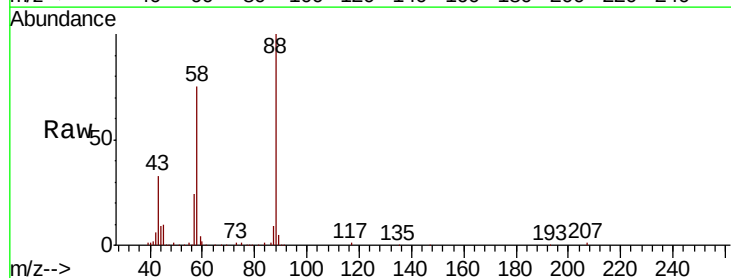
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



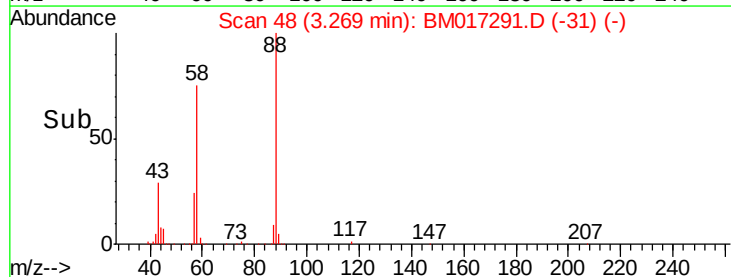
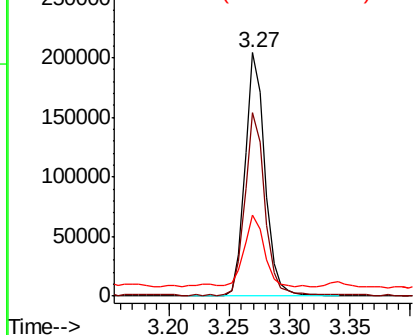
#2

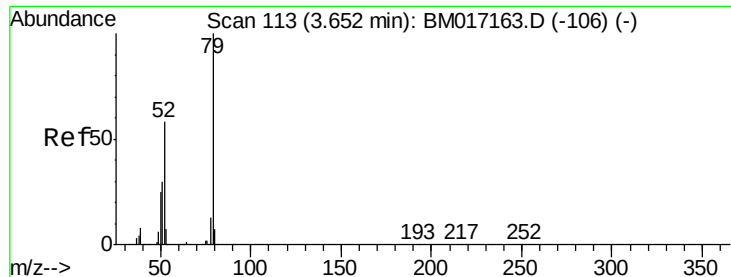
1,4-Dioxane
Concen: 27.666 ng
RT: 3.27 min Scan# 48
Delta R.T. 0.00 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion: 88 Resp: 236942
Ion Ratio Lower Upper
88 100
58 74.1 50.2 75.4
43 30.0 19.3 28.9#



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





#3

Pvridine

Concen: 30.243 ng

RT: 3.65 min Scan# 113

Delta R.T. 0.00 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampled :

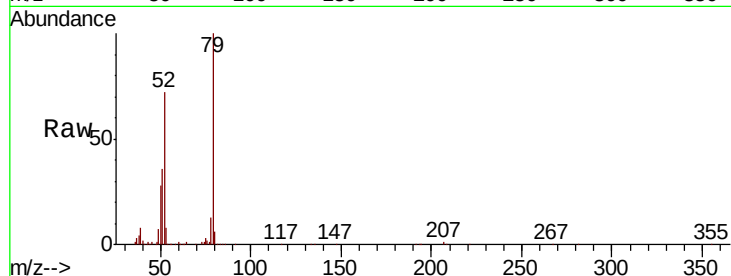
Tot Ion: 79 Resp: 595974

Ion Ratio Lower Upper

79 100

52 72.3 46.5 69.7#

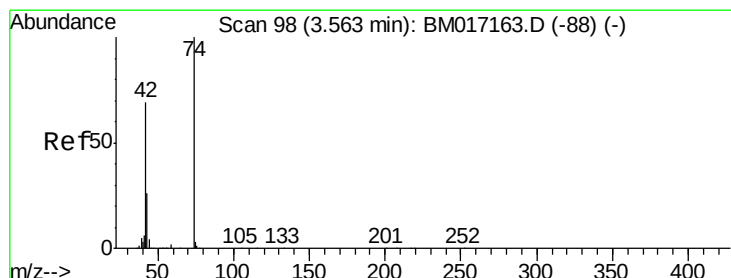
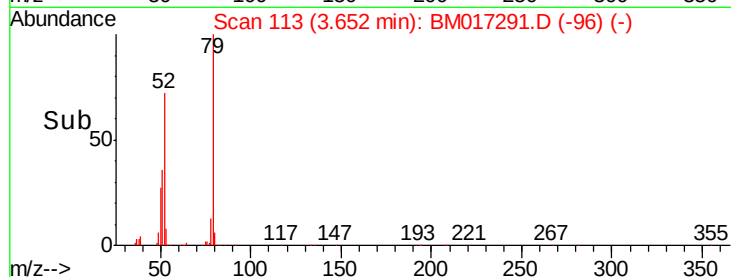
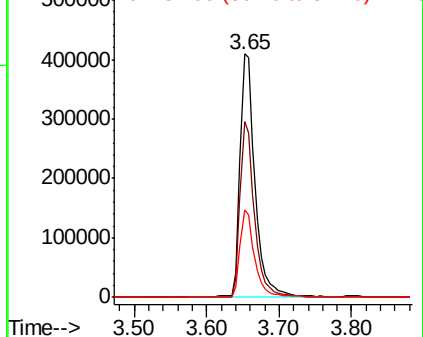
51 35.8 24.6 37.0



Abundance Ion 79.00 (78.70 to 79.70): BM017291.D (-96) (-)

Ion 52.00 (51.70 to 52.70): BM017291.D (-96) (-)

Ion 51.00 (50.70 to 51.70): BM017291.D (-96) (-)



#4

n-Nitrosodimethylamine

Concen: 41.766 ng

RT: 3.56 min Scan# 98

Delta R.T. 0.00 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

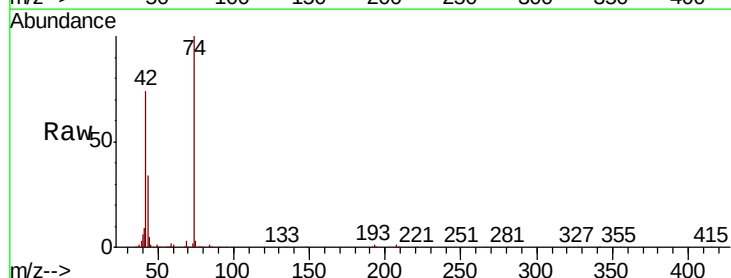
Tgt Ion: 42 Resp: 330407

Ion Ratio Lower Upper

42 100

74 134.8 114.4 171.6

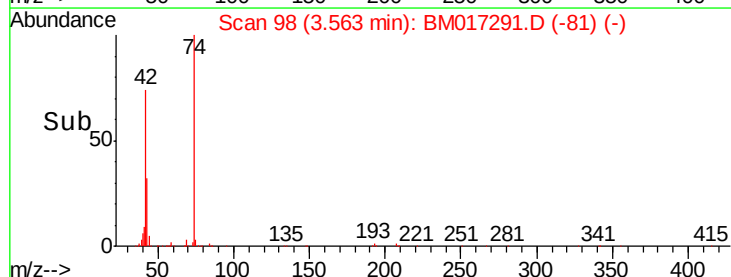
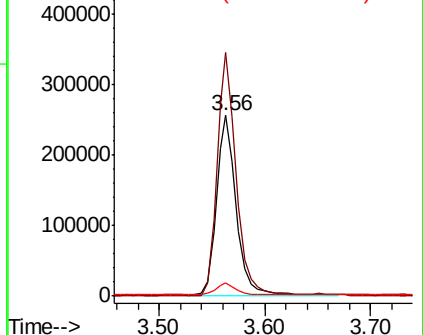
44 7.3 48.6 73.0#

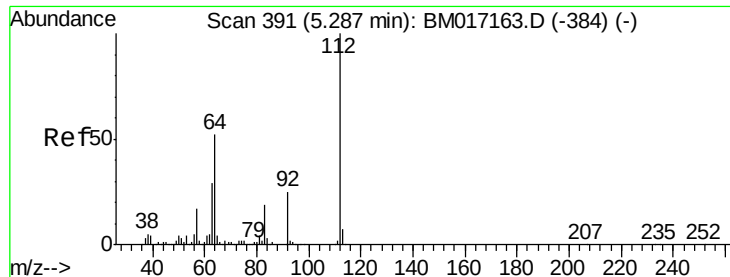


Abundance Ion 42.00 (41.70 to 42.70): BM017291.D (-81) (-)

Ion 74.00 (73.70 to 74.70): BM017291.D (-81) (-)

Ion 44.00 (43.70 to 44.70): BM017291.D (-81) (-)





#5

2-Fluorophenol

Concen: 108.921 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.00 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampleId :

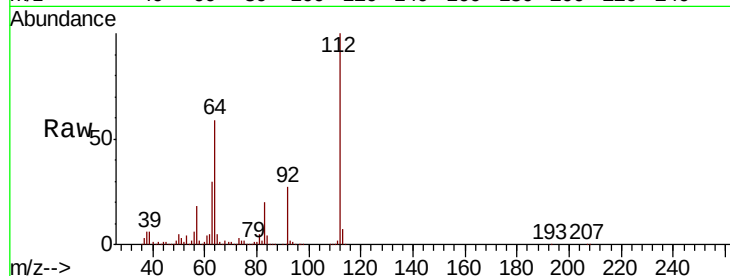
Tot Ion:112 Resp: 1826826

Ion Ratio Lower Upper

112 100

64 59.0 41.7 62.5

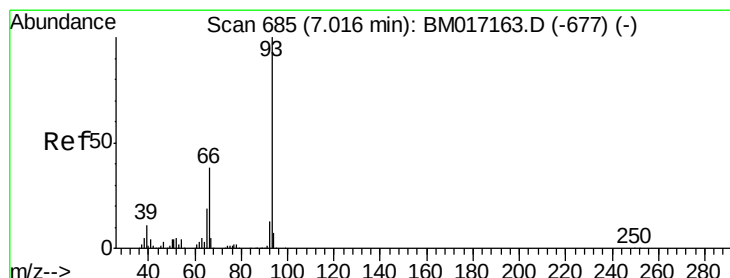
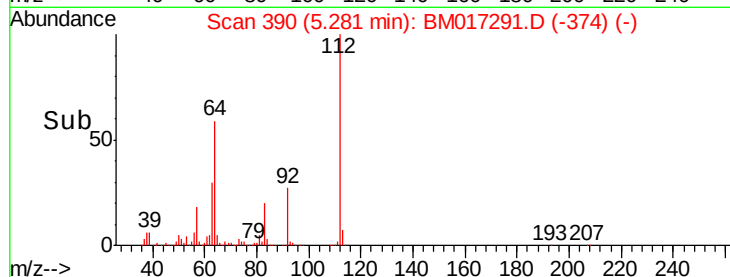
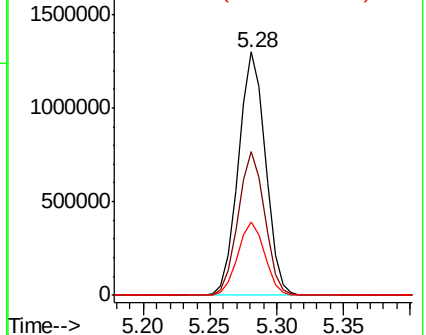
63 30.3 23.0 34.4



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: 19.949 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

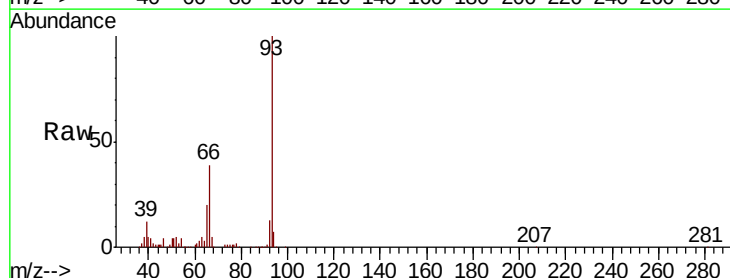
Tgt Ion: 93 Resp: 569979

Ion Ratio Lower Upper

93 100

66 38.7 30.4 45.6

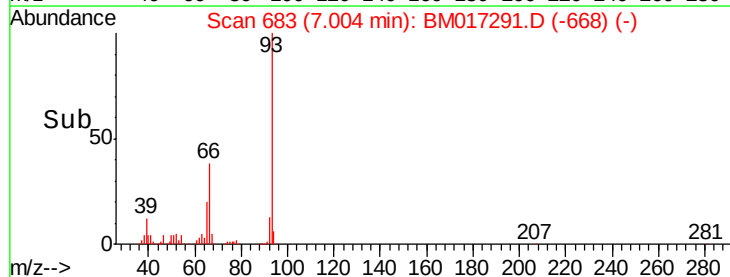
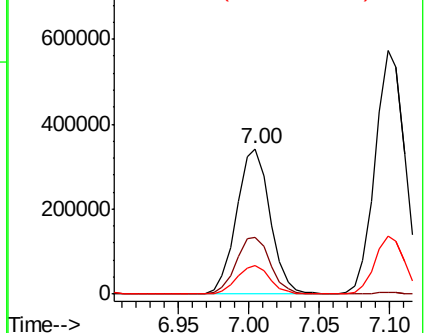
65 19.8 15.3 22.9

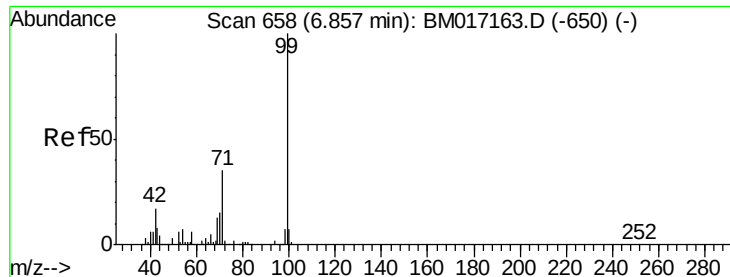


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 99.252 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampleId :

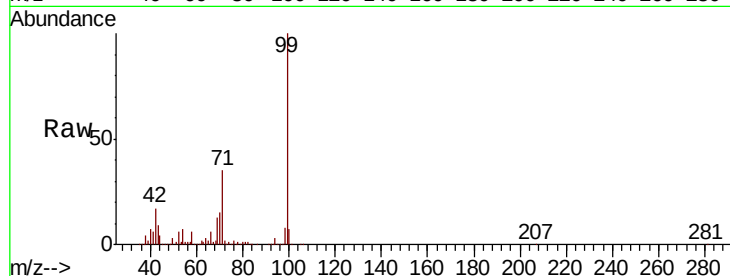
Tot Ion: 99 Resp: 2267161

Ion Ratio Lower Upper

99 100

42 17.2 13.3 19.9

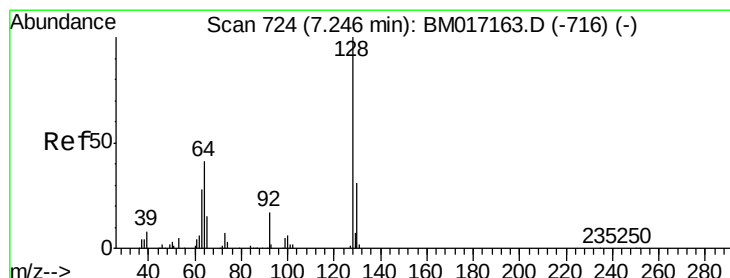
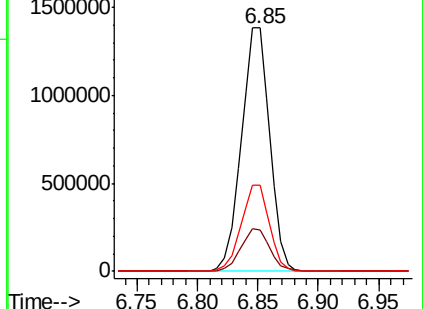
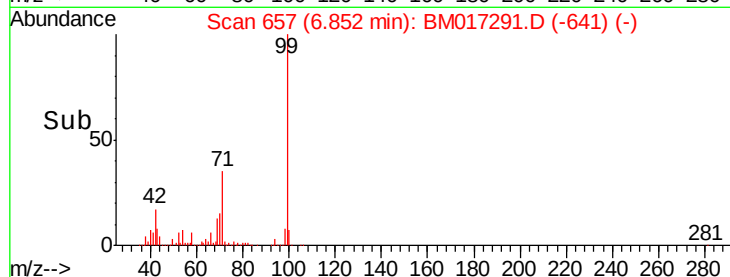
71 35.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017291.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017291.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017291.D (-641) (-)



#8

2-Chlorophenol

Concen: 47.017 ng

RT: 7.23 min Scan# 722

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

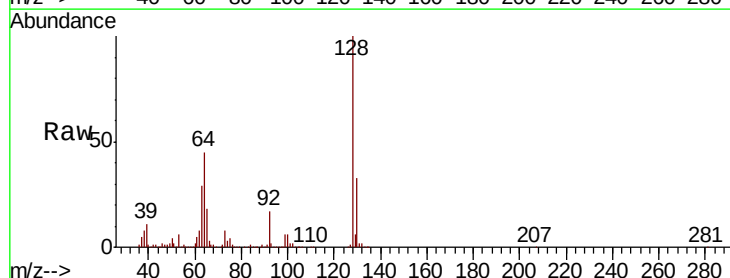
Tgt Ion: 128 Resp: 912283

Ion Ratio Lower Upper

128 100

130 32.7 11.0 51.0

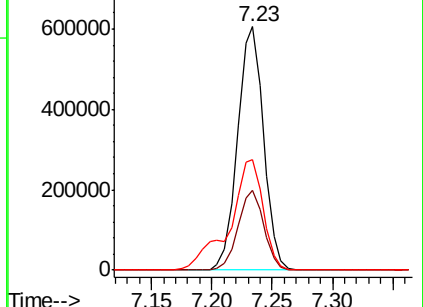
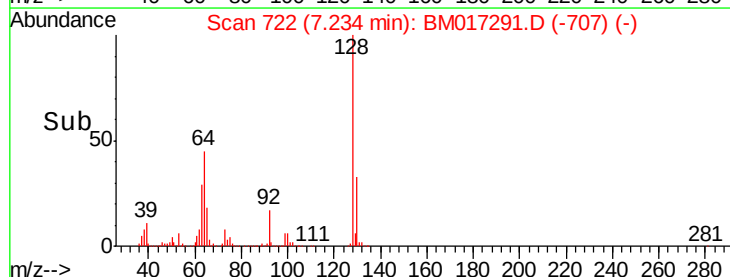
64 45.4 24.1 64.1

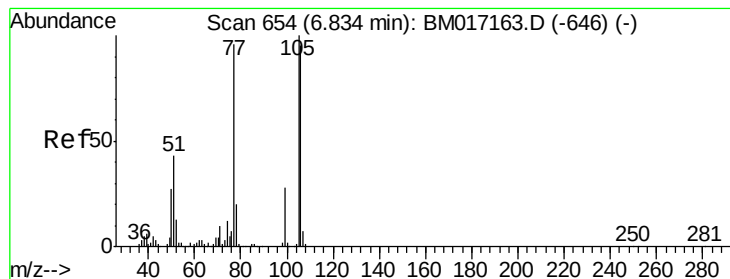


Abundance Ion 128.00 (127.70 to 128.70): BM017291.D (-707) (-)

Ion 130.00 (129.70 to 130.70): BM017291.D (-707) (-)

Ion 64.00 (63.70 to 64.70): BM017291.D (-707) (-)





#9

Benzaldehyde

Concen: 30.340 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampleId :

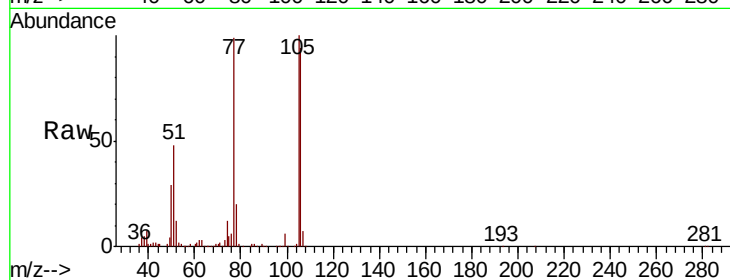
Tot Ion: 77 Resp: 441898

Ion Ratio Lower Upper

77 100

105 101.0 83.9 123.9

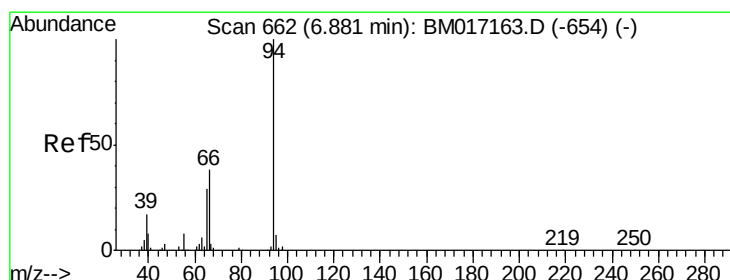
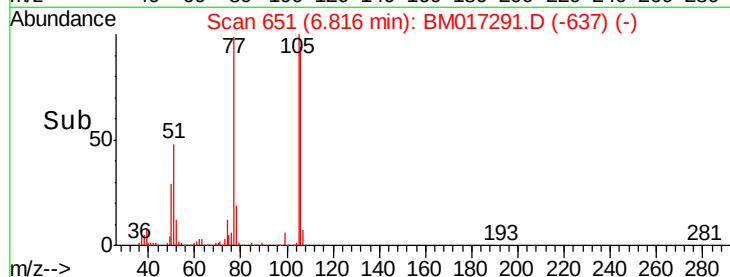
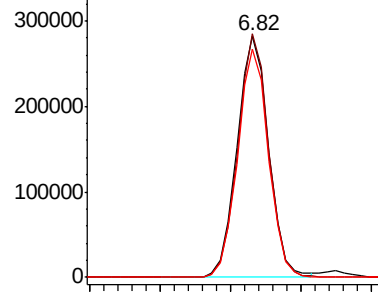
106 94.7 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BM017291.D (-637) (-)

Ion 105.00 (104.70 to 105.70): BM017291.D (-637) (-)

Ion 106.00 (105.70 to 106.70): BM017291.D (-637) (-)



#10

Phenol

Concen: 39.671 ng

RT: 6.88 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

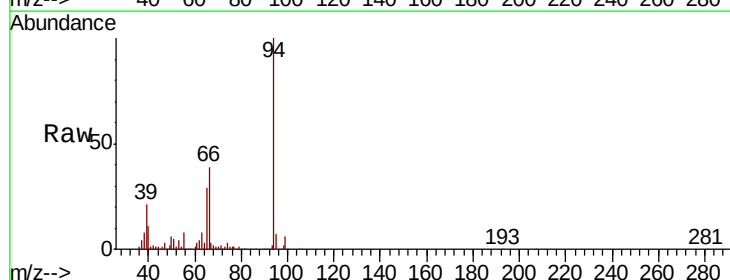
Tgt Ion: 94 Resp: 975280

Ion Ratio Lower Upper

94 100

65 28.5 9.4 49.4

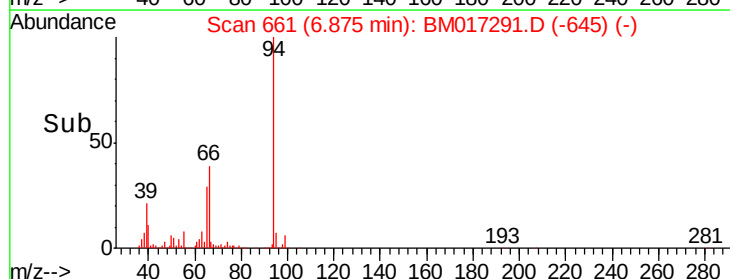
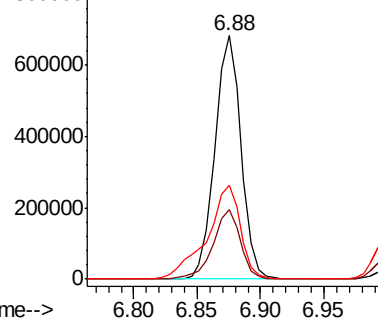
66 38.7 19.0 59.0

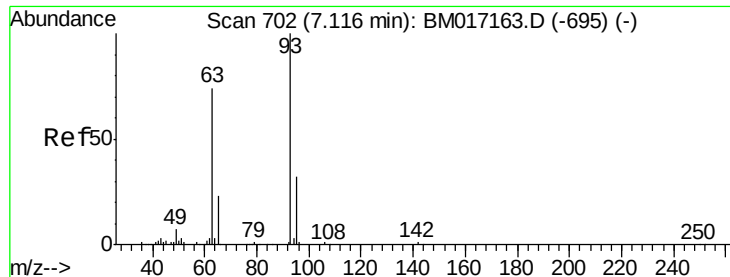


Abundance Ion 94.00 (93.70 to 94.70): BM017291.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017291.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017291.D (-645) (-)

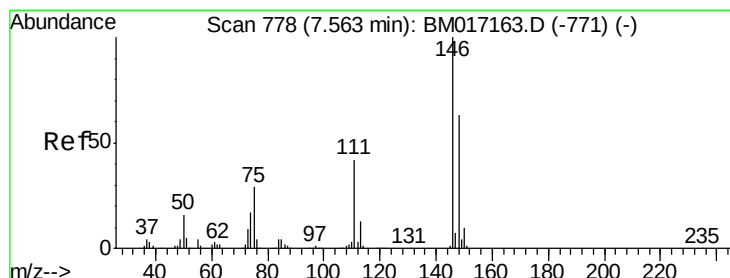
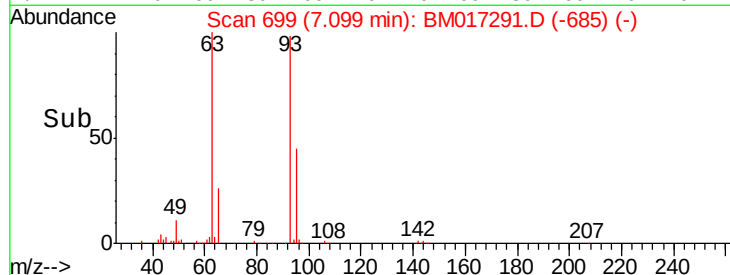
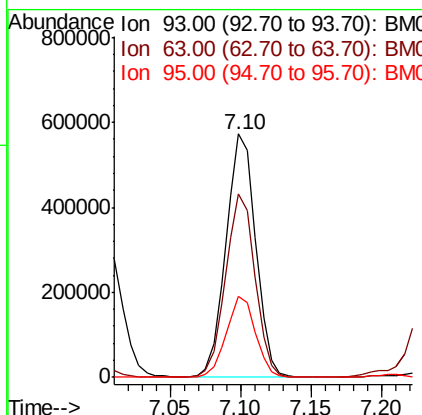
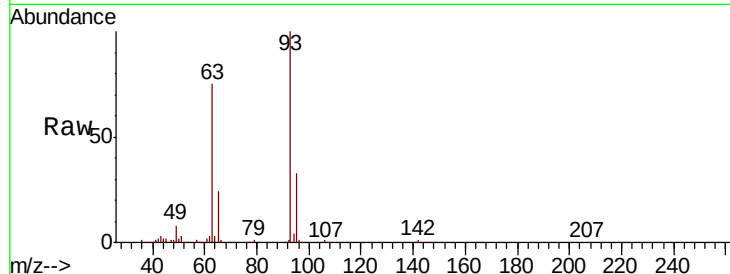




#11
bis(2-Chloroethyl)ether
Concen: 42.671 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

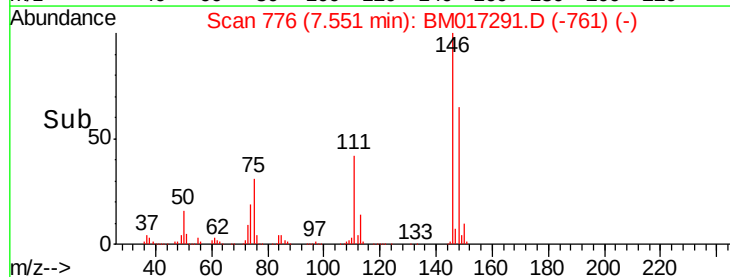
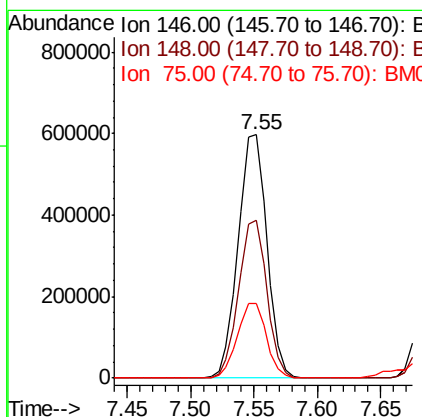
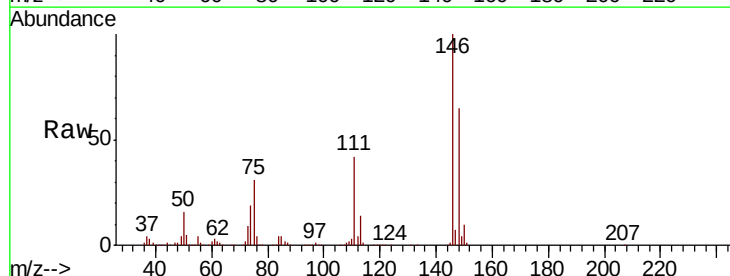
Instrument :
BNA_M
ClientSampleId :

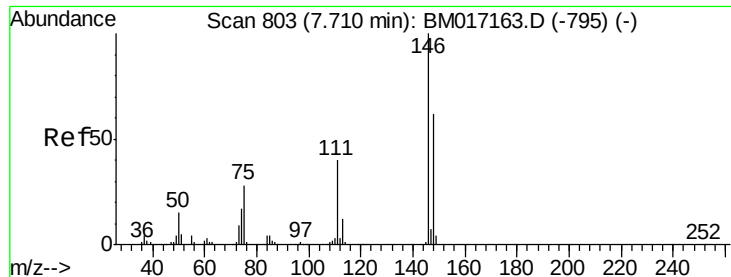
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.2	54.0	94.0
95	33.1	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 41.634 ng
RT: 7.55 min Scan# 776
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.2	75.4
75	30.5	23.3	34.9

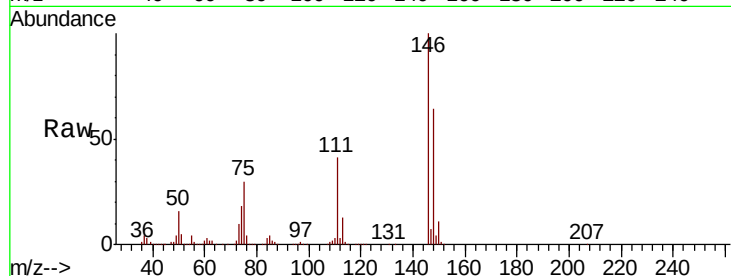




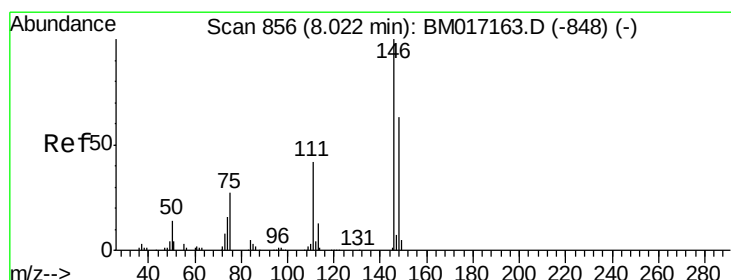
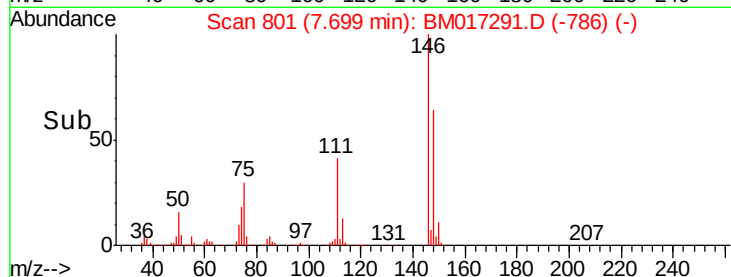
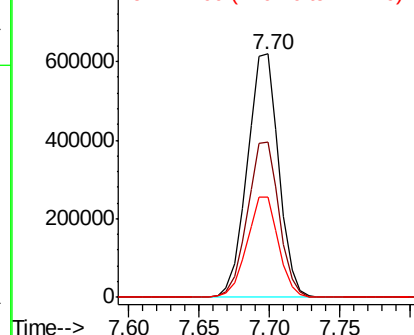
#13
1,4-Dichlorobenzene
Concen: 41.775 ng
RT: 7.70 min Scan# 801
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion:146 Resp: 965394
Ion Ratio Lower Upper
146 100
148 63.6 49.8 74.6
111 41.0 32.1 48.1

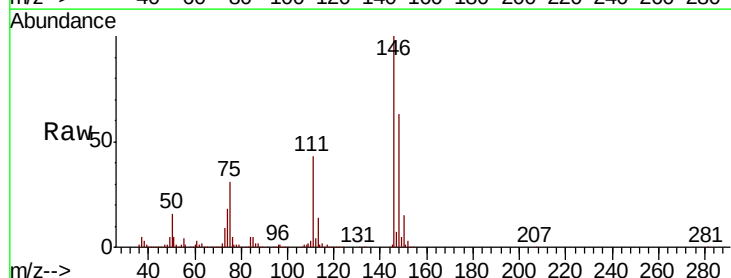


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

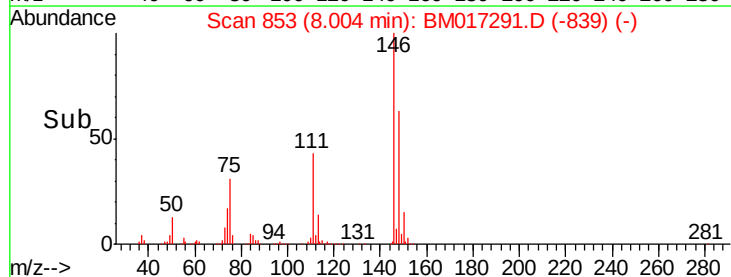
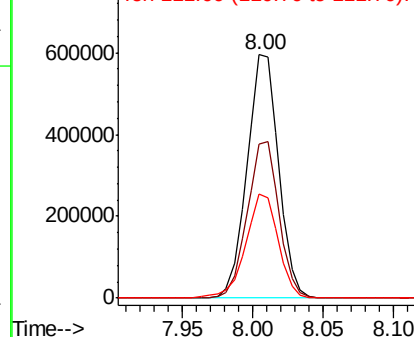


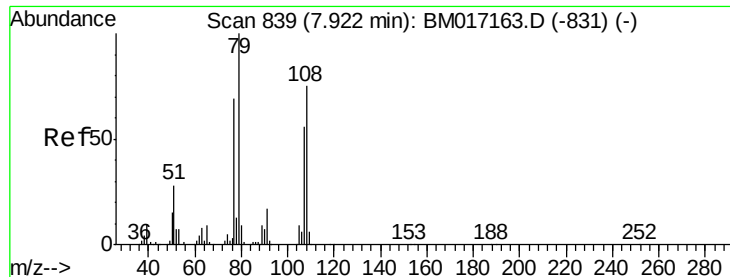
#14
1,2-Dichlorobenzene
Concen: 41.931 ng
RT: 8.00 min Scan# 853
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion:146 Resp: 933606
Ion Ratio Lower Upper
146 100
148 63.1 50.8 76.2
111 42.9 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 48.510 ng

RT: 7.90 min Scan# 836

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampleId :

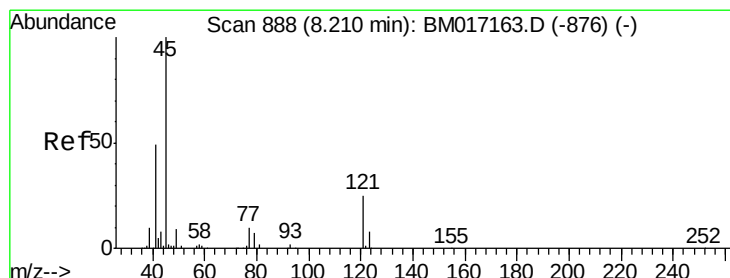
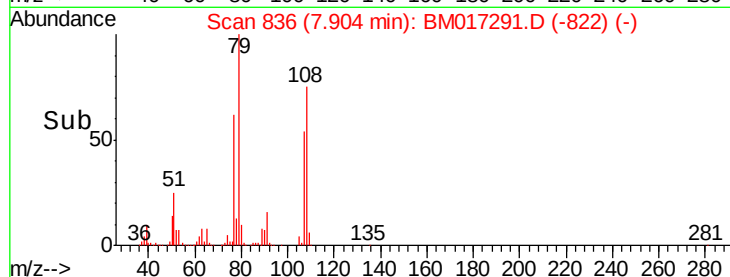
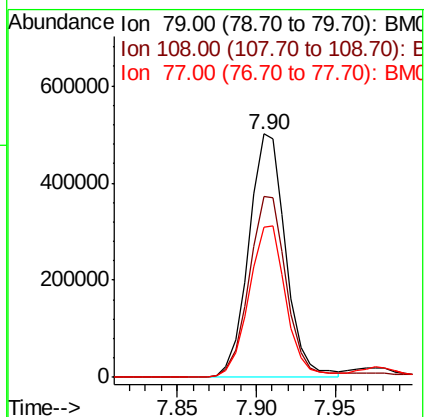
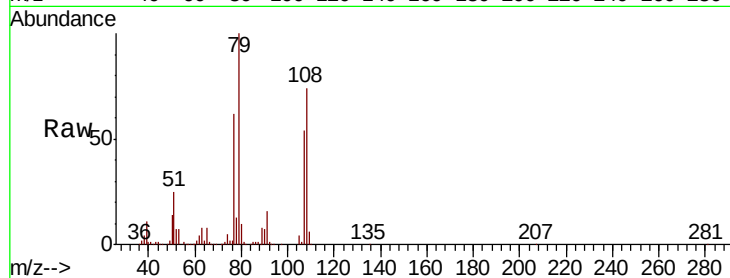
Tot Ion: 79 Resp: 809958

Ion Ratio Lower Upper

79 100

108 74.5 60.3 90.5

77 61.7 54.8 82.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.188 ng

RT: 8.19 min Scan# 885

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

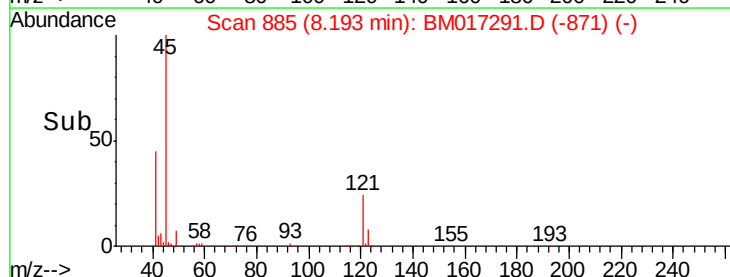
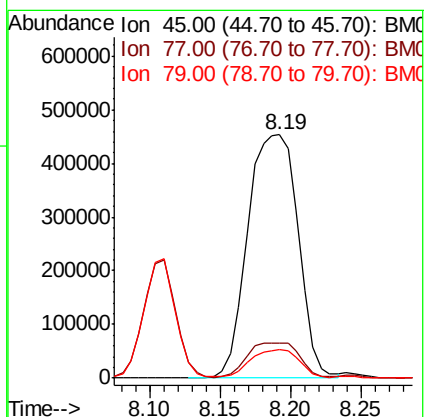
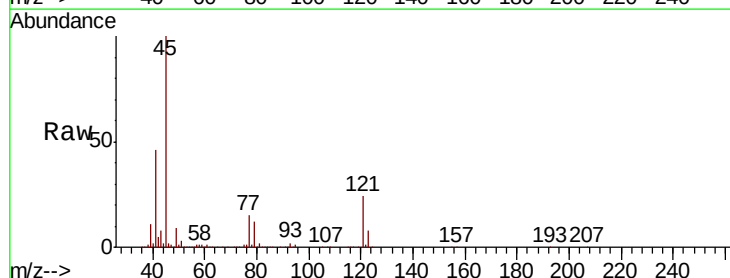
Tgt Ion: 45 Resp: 1127697

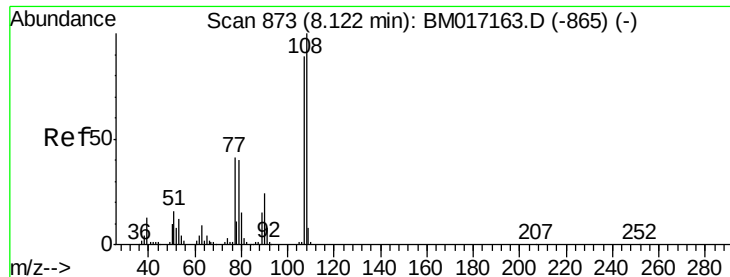
Ion Ratio Lower Upper

45 100

77 14.6 0.0 35.5

79 11.6 0.0 32.1

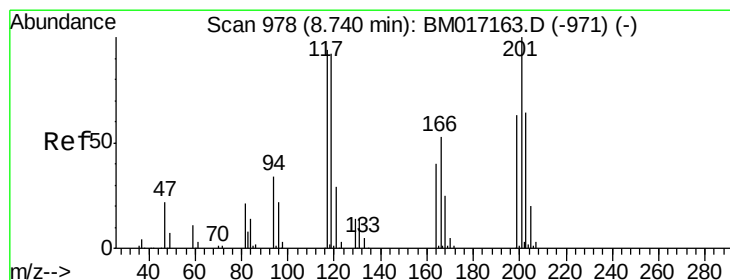
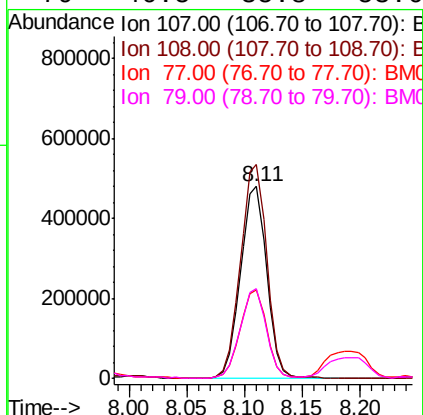
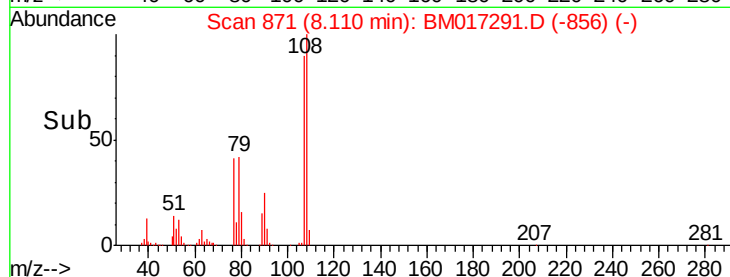
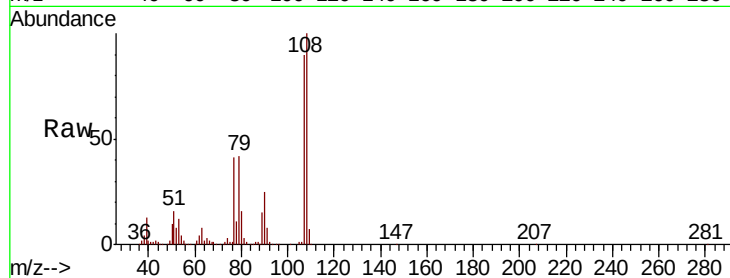




#17
2-Methylphenol
Concen: 47.757 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

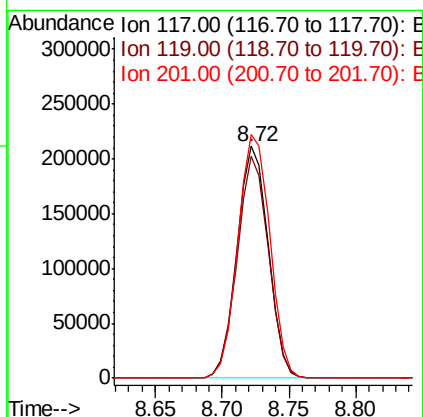
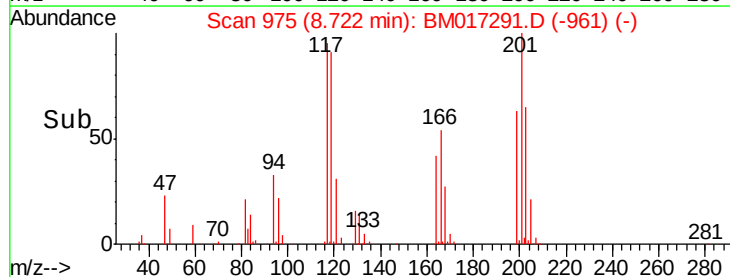
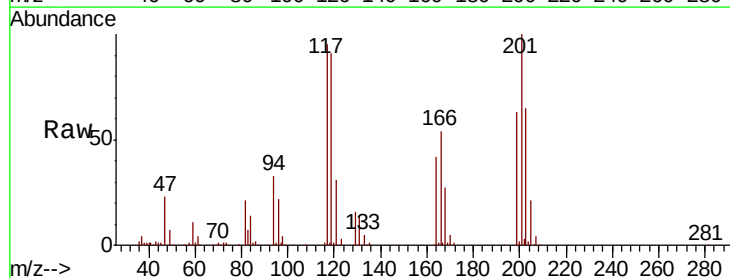
Instrument :
BNA_M
ClientSampleId :

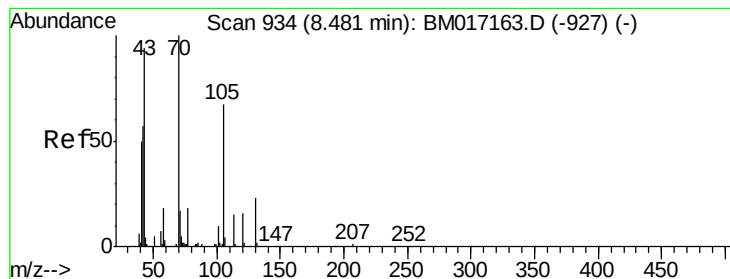
Tot Ion:	107	Resp:	753584
Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.3	135.5
77	46.1	37.0	55.4
79	46.5	35.8	53.6



#18
Hexachloroethane
Concen: 43.377 ng
RT: 8.72 min Scan# 975
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion:	117	Resp:	343045
Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.2	117.2
201	105.1	85.3	127.9





#19

n-Nitroso-di-n-propylamine

Concen: 45.928 ng

RT: 8.47 min Scan# 932

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 690805

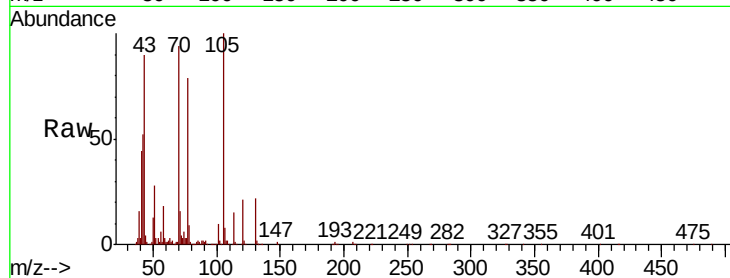
Ion Ratio Lower Upper

70 100

42 55.5 46.1 69.1

101 10.5 8.2 12.4

130 23.1 18.4 27.6

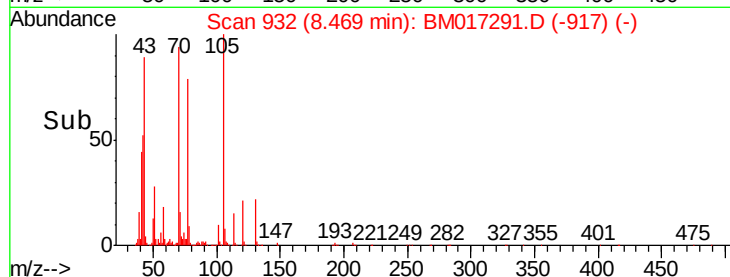
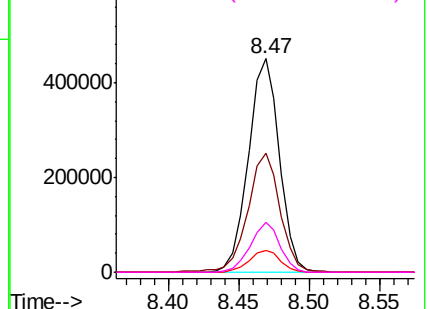


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 47.745 ng

RT: 8.43 min Scan# 926

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Tgt Ion: 107 Resp: 1030449

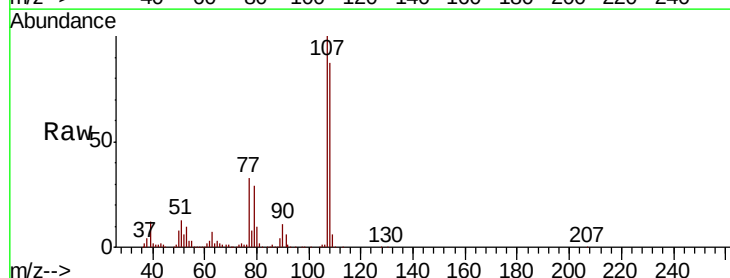
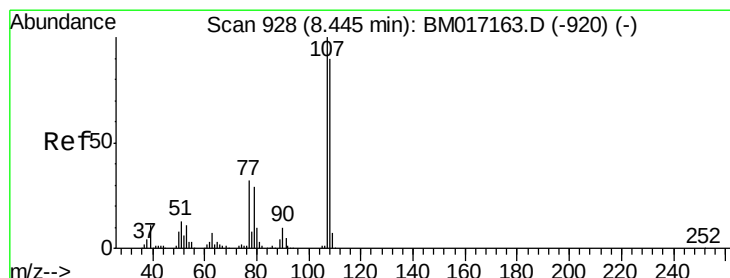
Ion Ratio Lower Upper

107 100

108 87.3 69.9 109.9

77 33.0 12.2 52.2

79 29.1 9.0 49.0

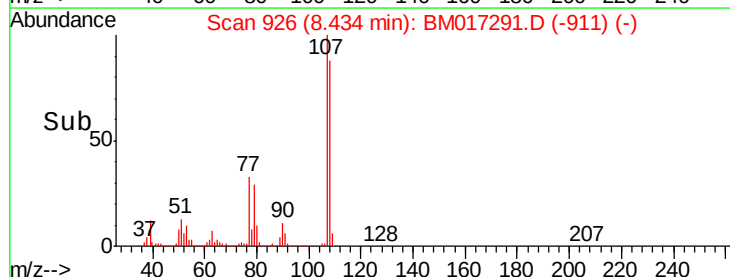
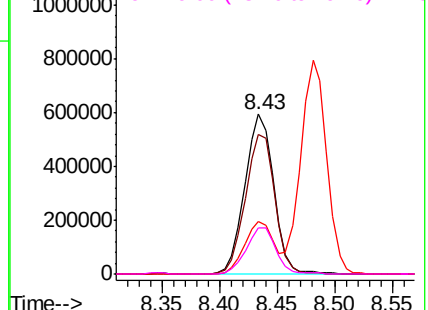


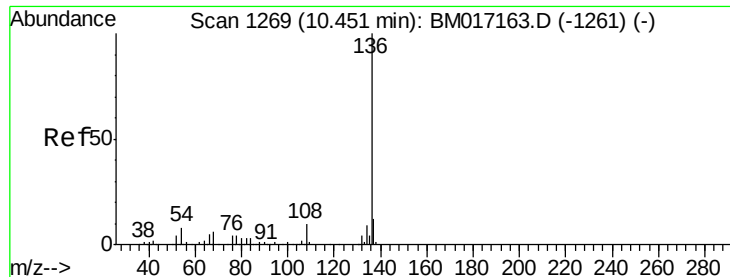
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

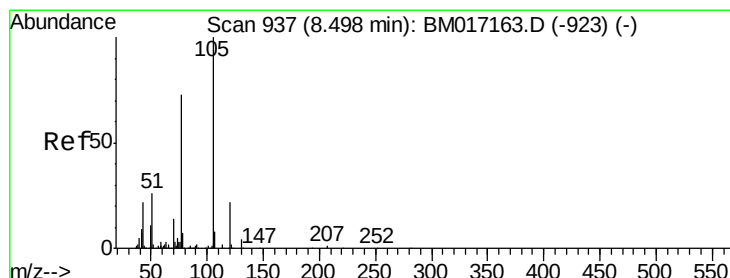
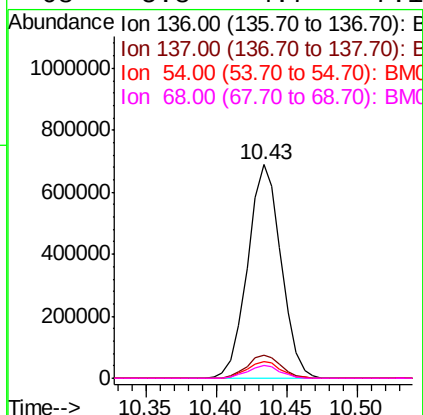
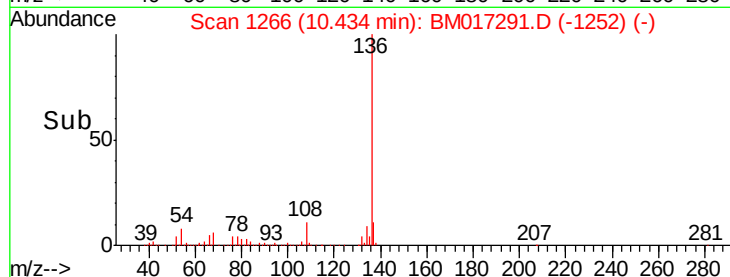
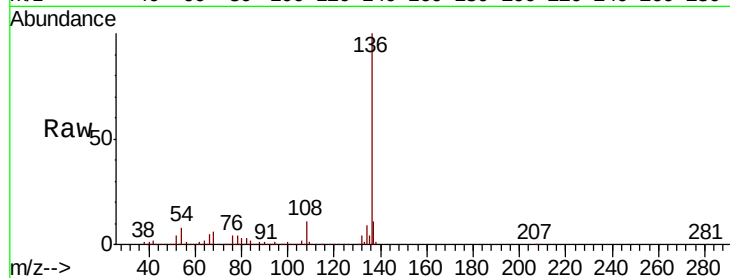




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

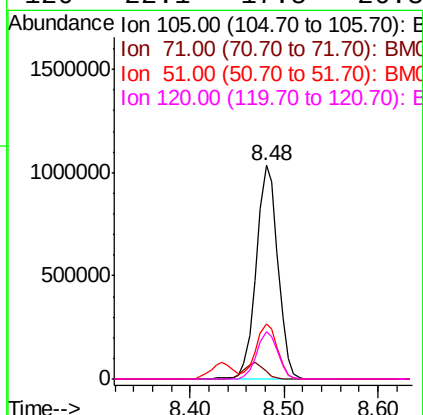
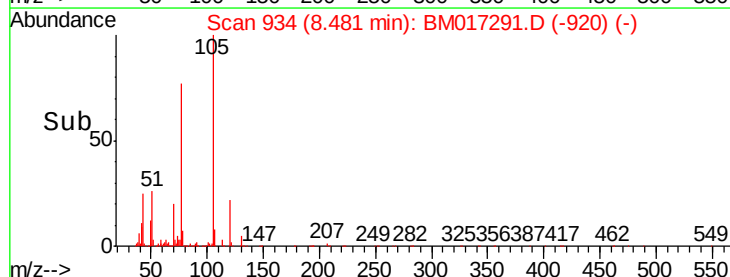
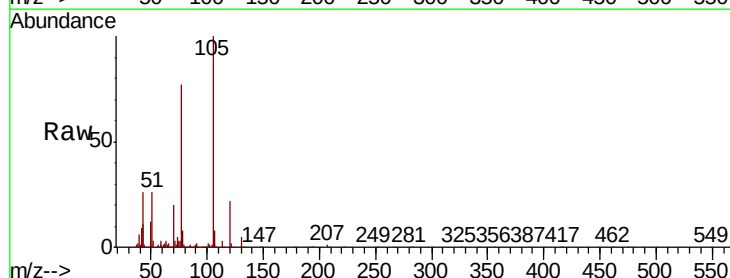
Instrument :
BNA_M
ClientSampled :

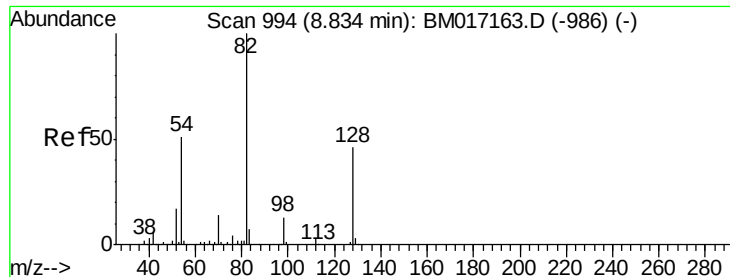
Tot Ion:136	Resp: 1144287
Ion Ratio	Lower Upper
136 100	
137 10.9	9.2 13.8
54 7.9	6.7 10.1
68 5.8	4.7 7.1



#22
Acetophenone
Concen: 56.781 ng
RT: 8.48 min Scan# 934
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt	Ion:105	Resp:	1647009
Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.0	3.0#
51	25.9	20.6	31.0
120	22.1	17.5	26.3





#23

Nitrobenzene-d5

Concen: 83.211 ng

RT: 8.82 min Scan# 991

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampled :

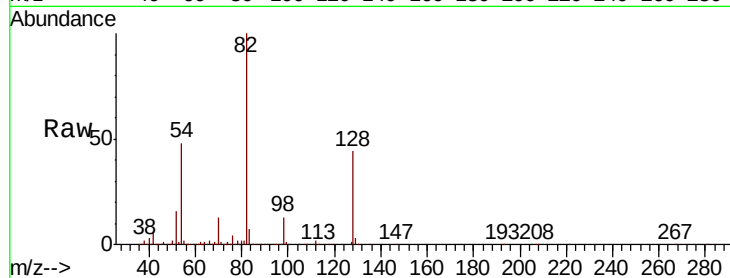
Tot Ion: 82 Resp: 1628043

Ion Ratio Lower Upper

82 100

128 44.1 37.0 55.6

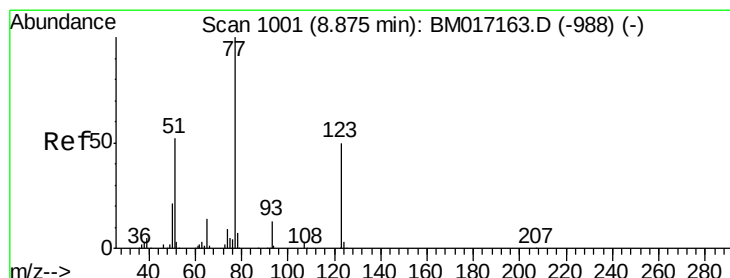
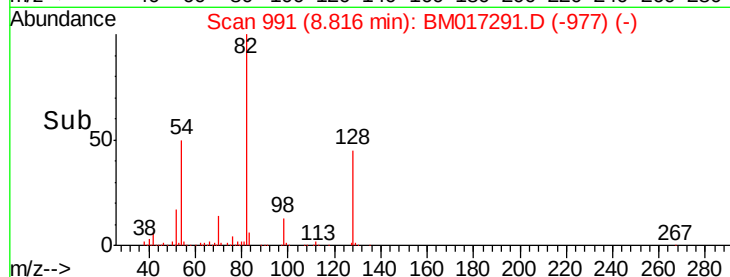
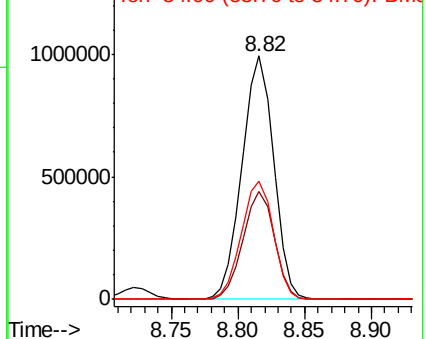
54 48.5 40.7 61.1



Abundance Ion 82.00 (81.70 to 82.70): BM017291.D (-977) (-)

Ion 128.00 (127.70 to 128.70): BM017291.D (-977) (-)

Ion 54.00 (53.70 to 54.70): BM017291.D (-977) (-)



#24

Nitrobenzene

Concen: 48.152 ng

RT: 8.86 min Scan# 998

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

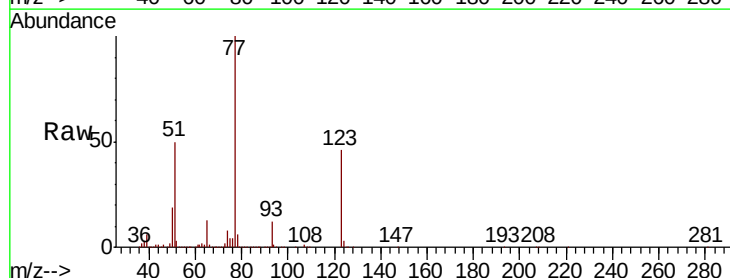
Tgt Ion: 77 Resp: 996534

Ion Ratio Lower Upper

77 100

123 46.2 40.2 60.4

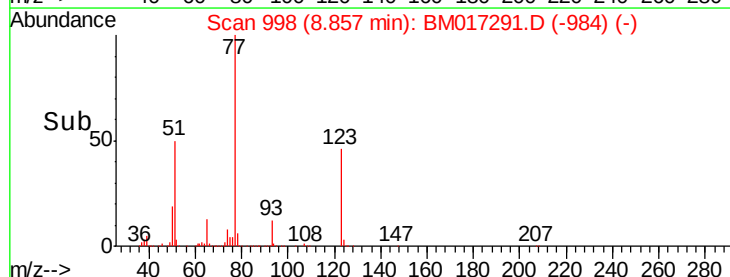
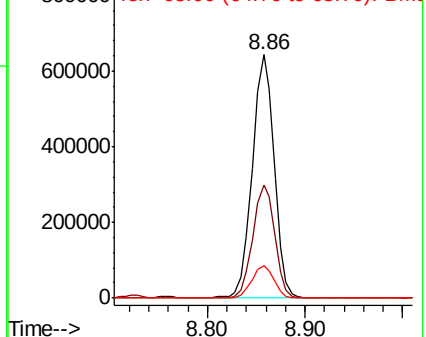
65 13.5 11.4 17.0

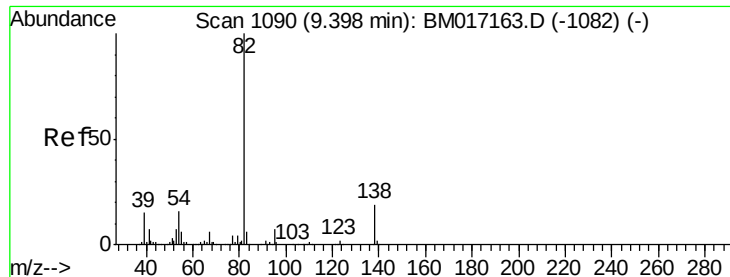


Abundance Ion 77.00 (76.70 to 77.70): BM017291.D (-984) (-)

Ion 123.00 (122.70 to 123.70): BM017291.D (-984) (-)

Ion 65.00 (64.70 to 65.70): BM017291.D (-984) (-)





#25

Isophorone

Concen: 58.974 ng

RT: 9.38 min Scan# 1087

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampleId :

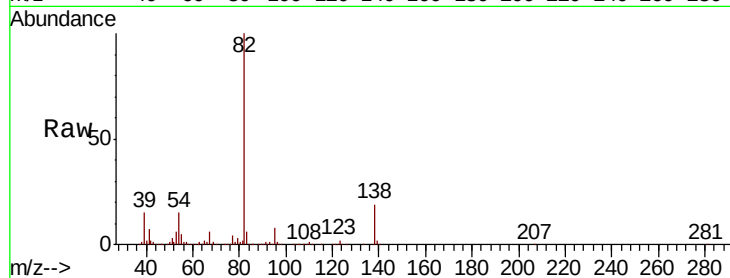
Tot Ion: 82 Resp: 1905336

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

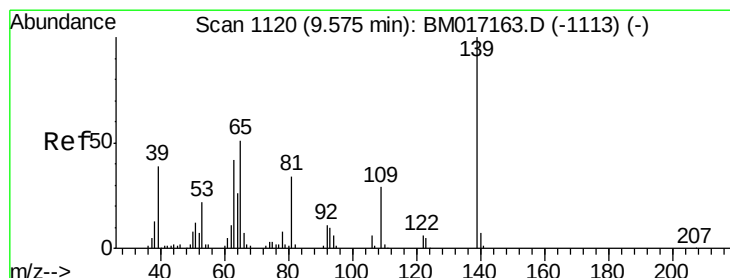
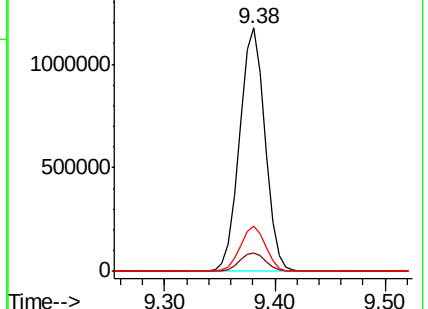
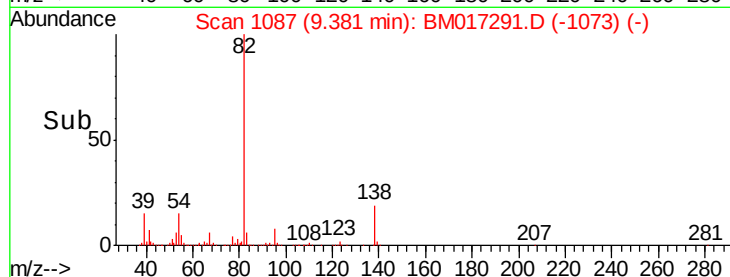
138 18.6 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BM017291.D (-1082) (-)

Ion 95.00 (94.70 to 95.70): BM017291.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BM017291.D (-1082) (-)



#26

2-Nitrophenol

Concen: 52.033 ng

RT: 9.56 min Scan# 1117

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

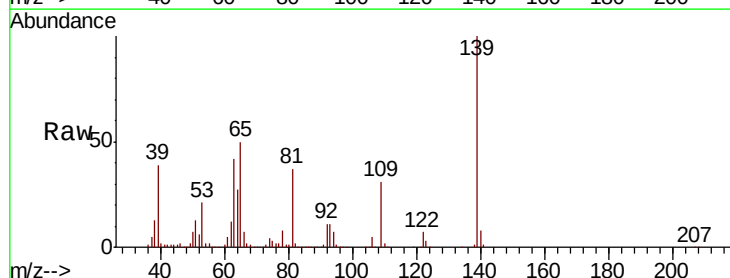
Tgt Ion: 139 Resp: 509248

Ion Ratio Lower Upper

139 100

109 31.1 23.2 34.8

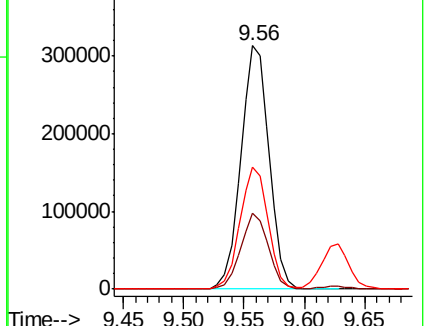
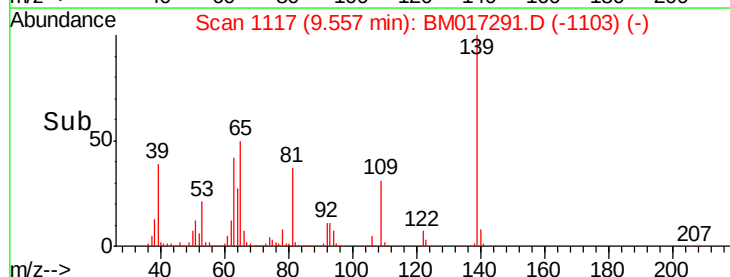
65 50.3 40.6 61.0

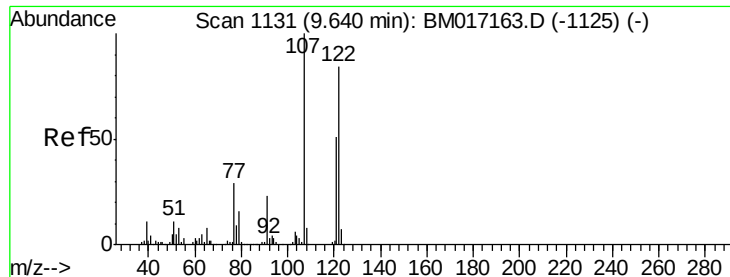


Abundance Ion 139.00 (138.70 to 139.70): BM017291.D (-1113) (-)

Ion 109.00 (108.70 to 109.70): BM017291.D (-1113) (-)

Ion 65.00 (64.70 to 65.70): BM017291.D (-1113) (-)





#27

2,4-Dimethylphenol

Concen: 63.138 ng

RT: 9.63 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampleId :

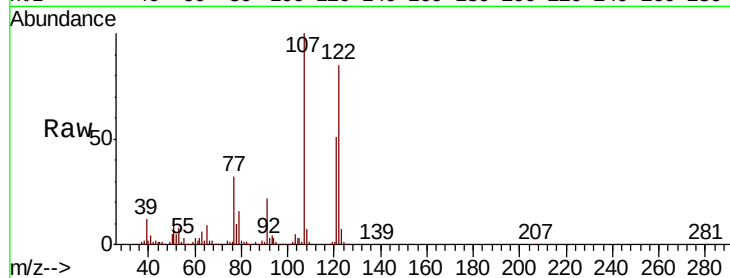
Tot Ion:122 Resp: 901988

Ion Ratio Lower Upper

122 100

107 117.2 95.0 142.6

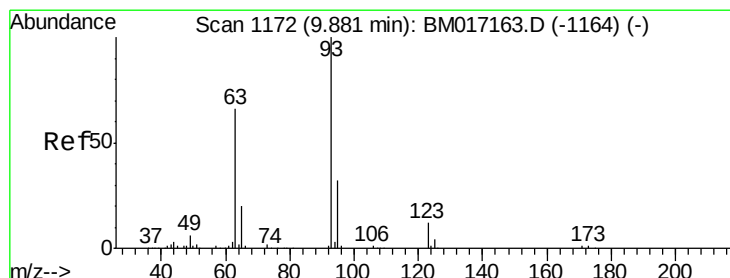
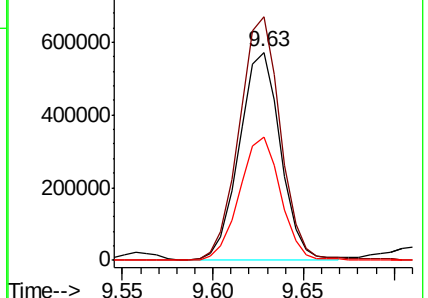
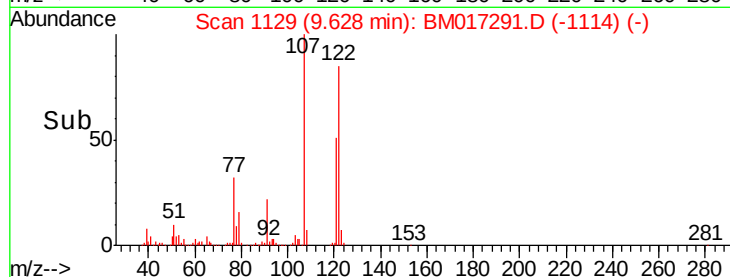
121 59.3 48.2 72.4



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: 51.728 ng

RT: 9.86 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

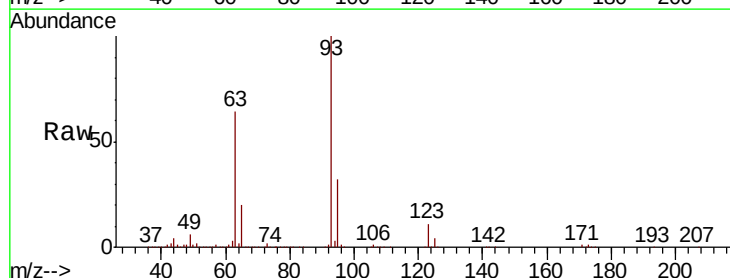
Tgt Ion: 93 Resp: 1176280

Ion Ratio Lower Upper

93 100

95 32.1 25.7 38.5

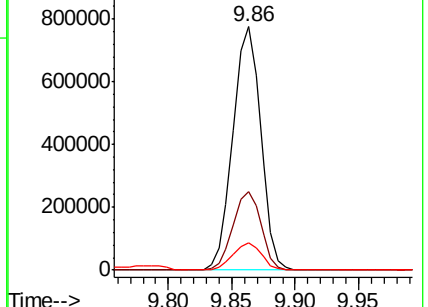
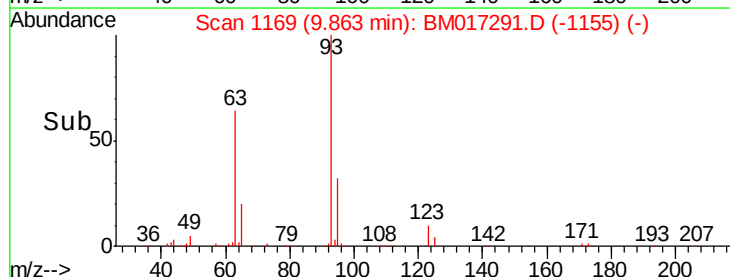
123 11.4 9.4 14.0

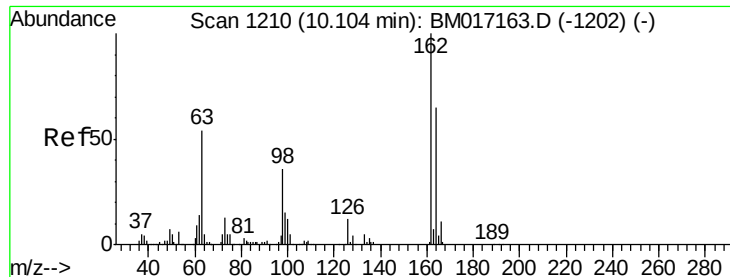


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

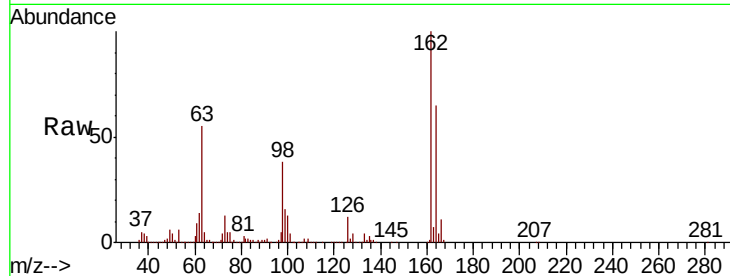




#29
 2,4-Dichlorophenol
 Concen: 54.934 ng
 RT: 10.09 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.9	84.9
98	38.1	15.8	55.8

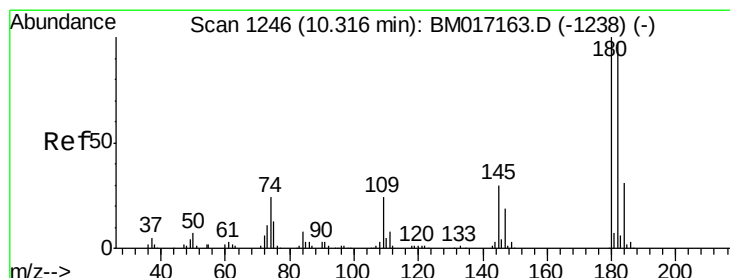
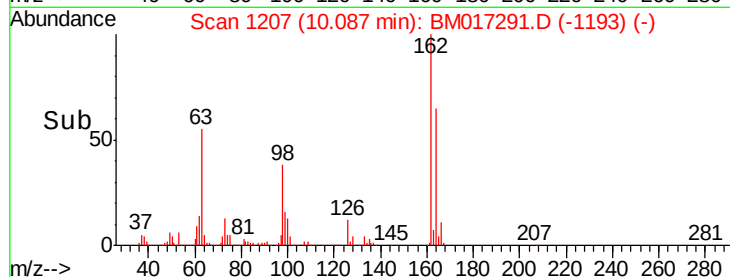
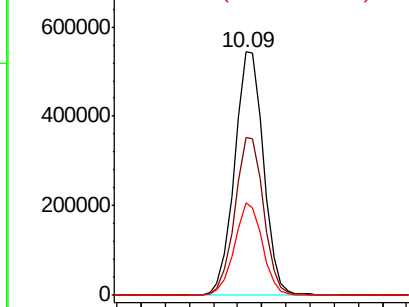


Abundance

Ion 162.00 (161.70 to 162.70): E

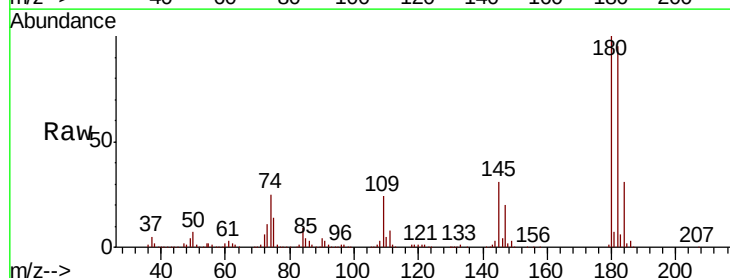
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.849 ng
 RT: 10.30 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.5	116.3
145	30.8	24.0	36.0

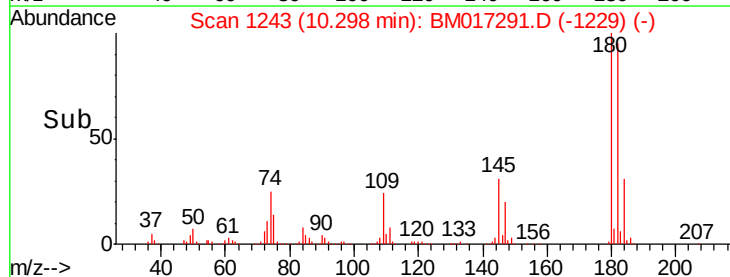
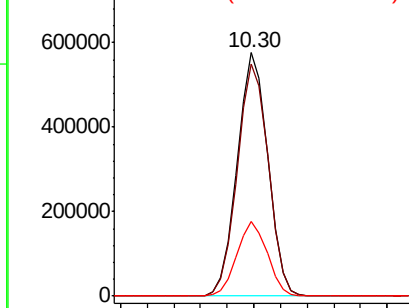


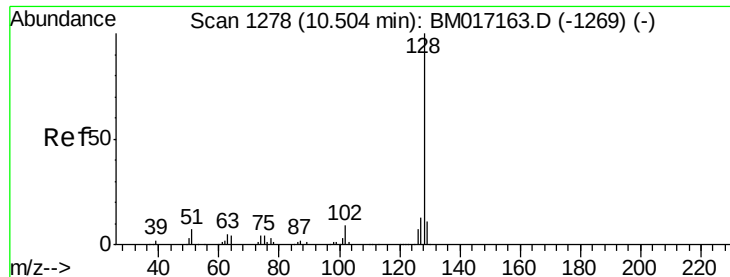
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

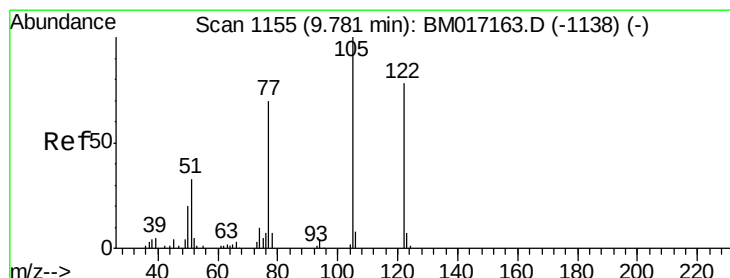
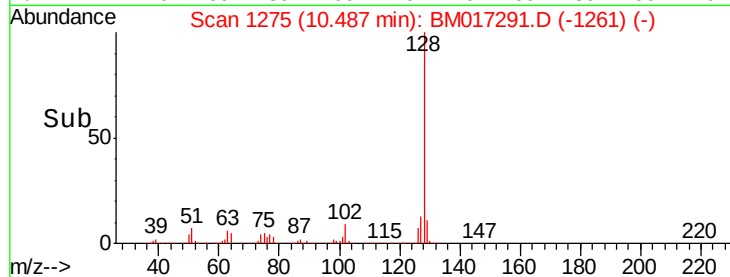
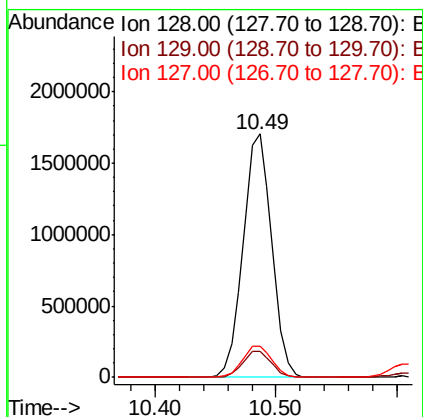
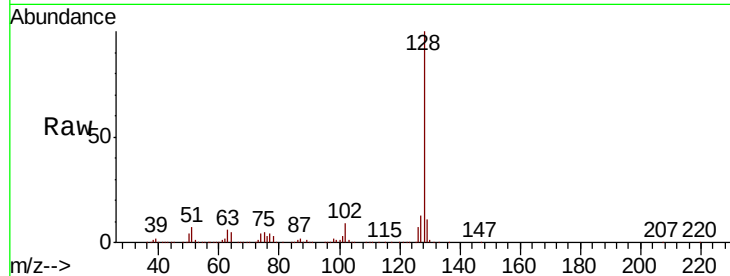




#31
Naphthalene
Concen: 50.156 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

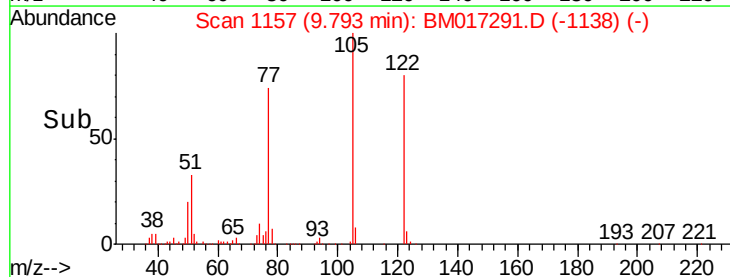
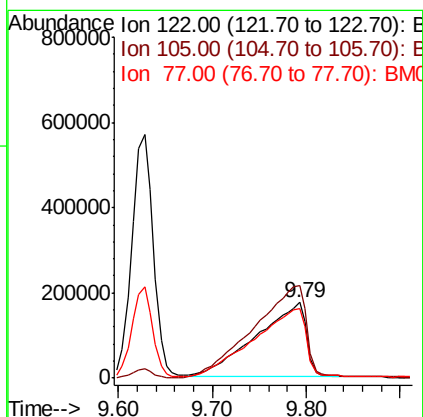
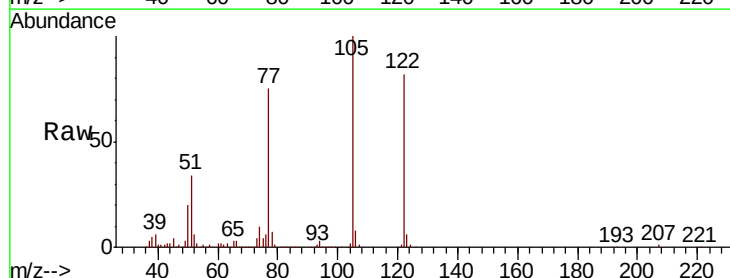
Instrument :
BNA_M
ClientSampled :

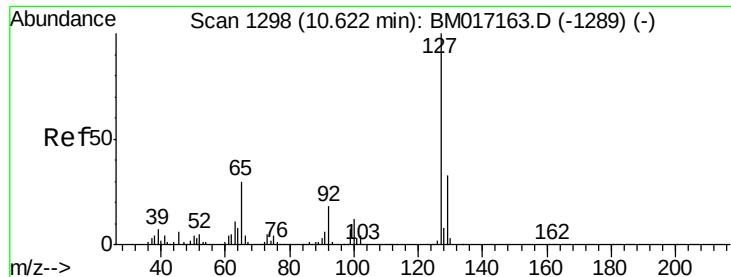
Tot Ion:128 Resp: 2812608
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 12.8 10.3 15.5



#32
Benzoic acid
Concen: 60.038 ng
RT: 9.79 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion:122 Resp: 639961
Ion Ratio Lower Upper
122 100
105 122.3 102.0 142.0
77 91.9 67.7 107.7

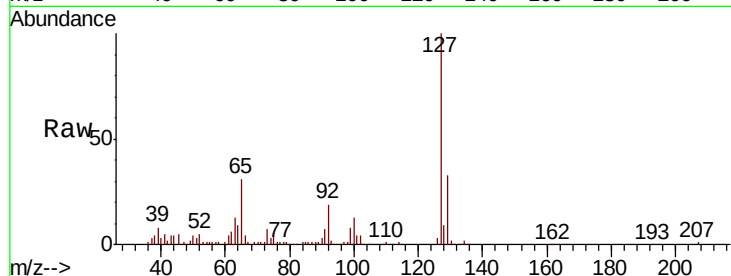




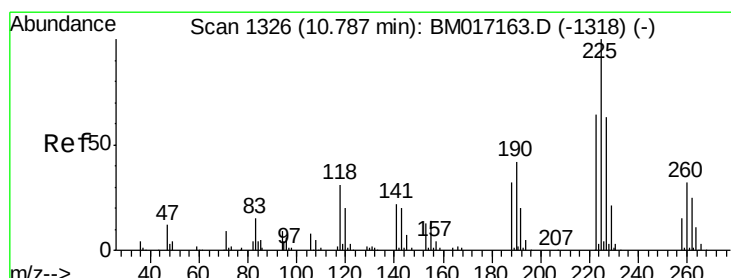
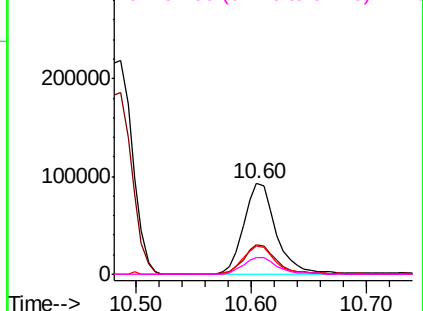
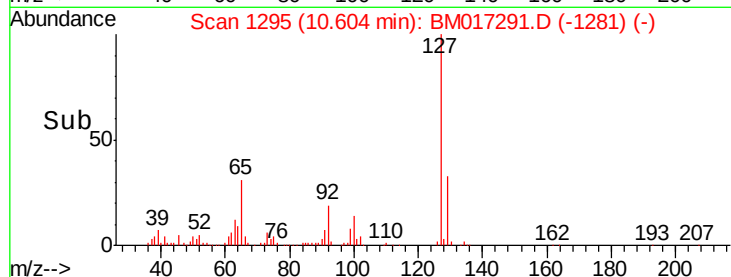
#33
4-Chloroaniline
Concen: 7.462 ng
RT: 10.60 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	180717
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.4
65	30.8	23.7	35.5
92	19.0	14.3	21.5

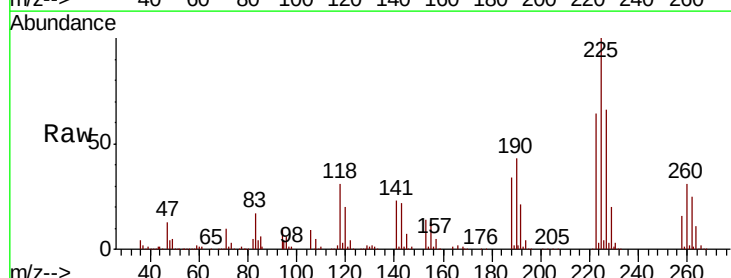


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

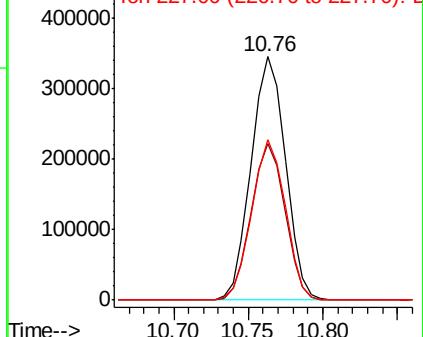
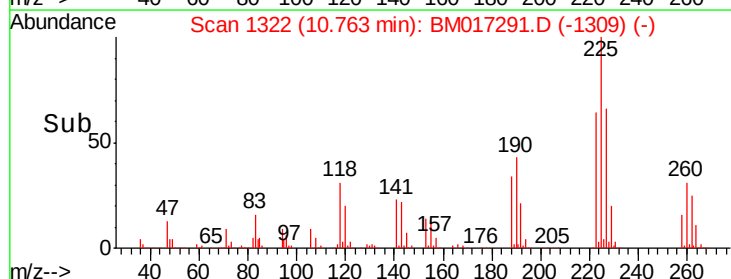


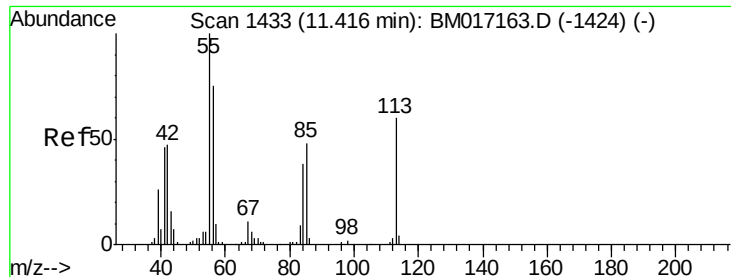
#34
Hexachlorobutadiene
Concen: 43.665 ng
RT: 10.76 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion:	225	Resp:	550519
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.6
227	65.8	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

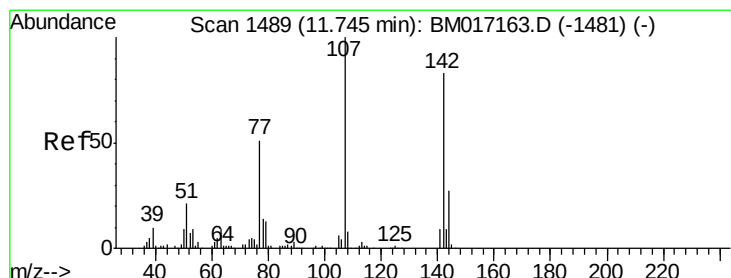
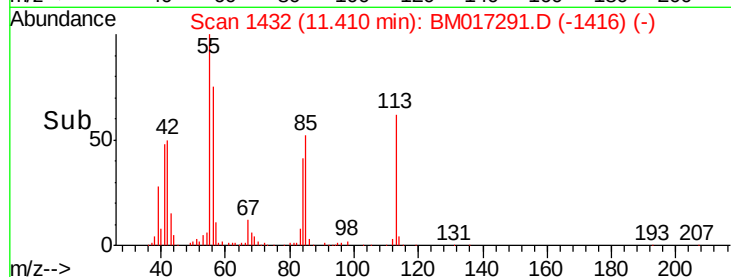
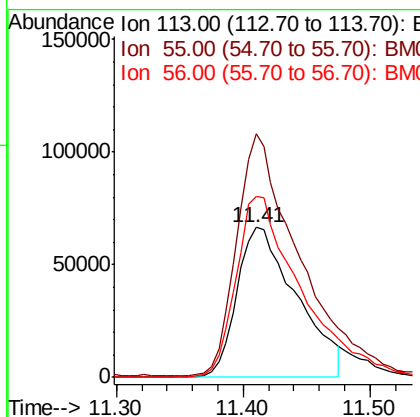
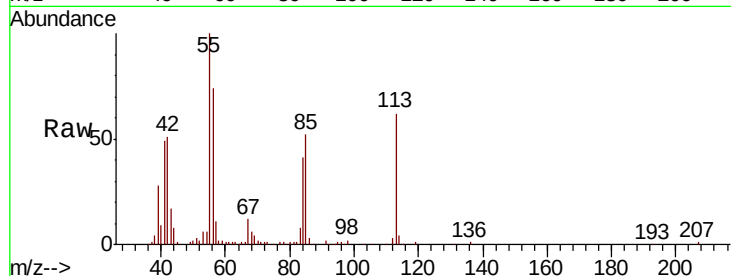




#35
 Caprolactam
 Concen: 36.021 ng
 RT: 11.41 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

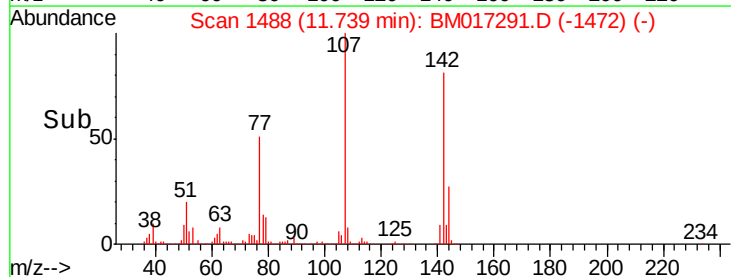
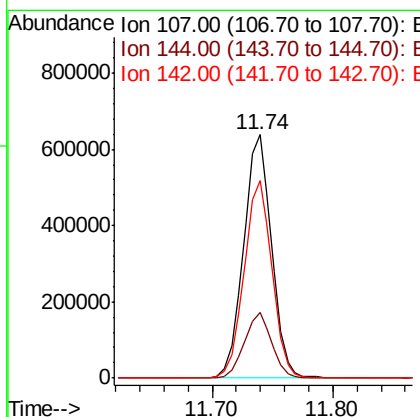
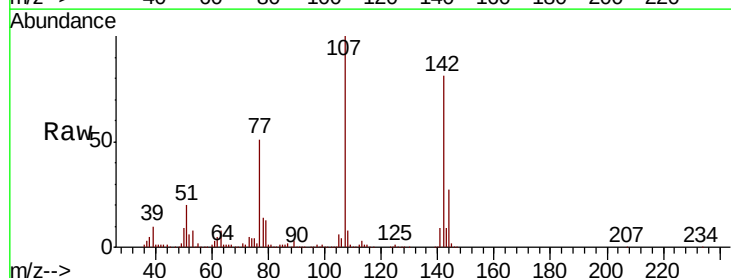
Instrument :
 BNA_M
 ClientSampleId :

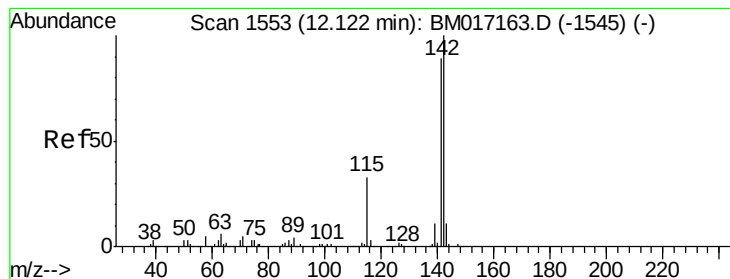
Tot Ion:113 Resp: 217742
 Ion Ratio Lower Upper
 113 100
 55 162.2 147.0 187.0
 56 120.6 104.5 144.5



#36
 4-Chloro-3-methylphenol
 Concen: 55.436 ng
 RT: 11.74 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Tgt Ion:107 Resp: 1036480
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.6 32.4
 142 81.3 66.0 99.0





#37

2-Methylnaphthalene

Concen: 55.853 ng

RT: 12.10 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampleId :

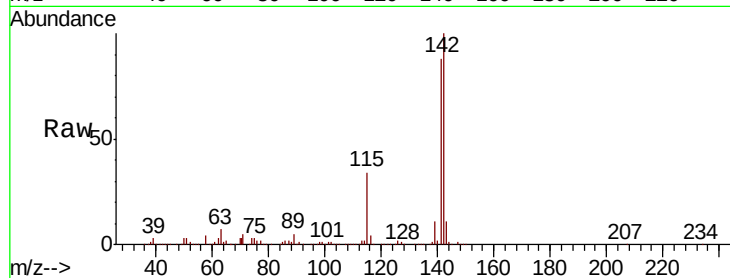
Tot Ion:142 Resp: 2143278

Ion Ratio Lower Upper

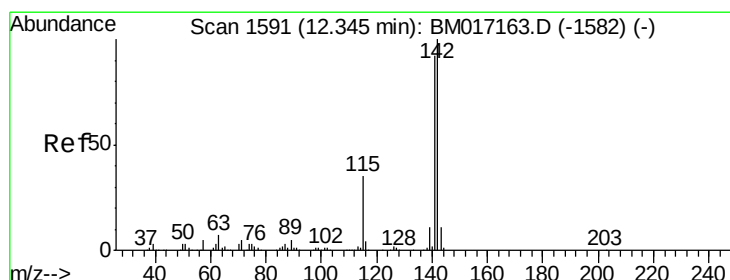
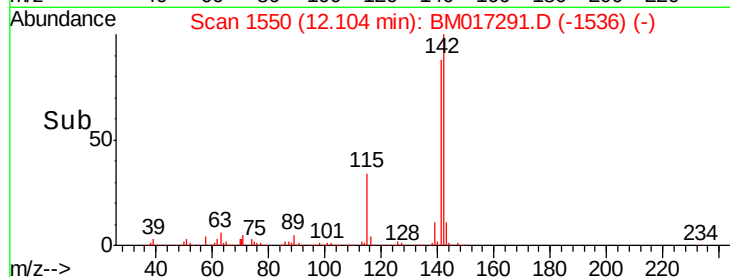
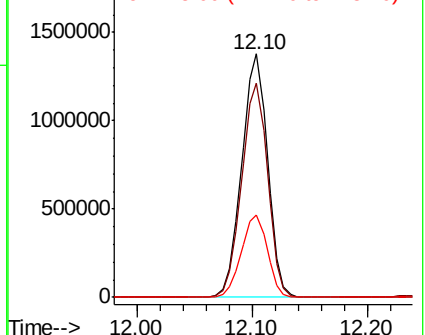
142 100

141 88.0 70.9 106.3

115 33.7 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: 54.351 ng

RT: 12.33 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

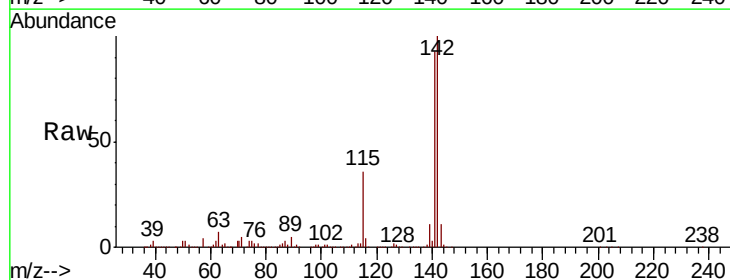
Tgt Ion:142 Resp: 2029909

Ion Ratio Lower Upper

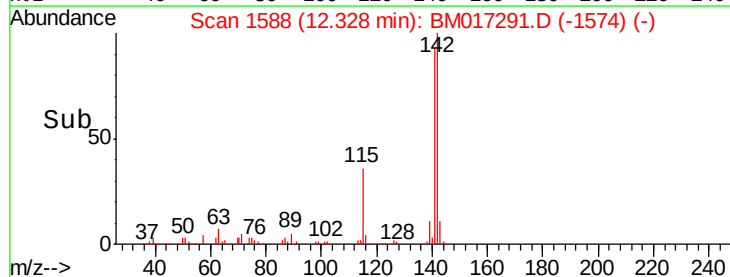
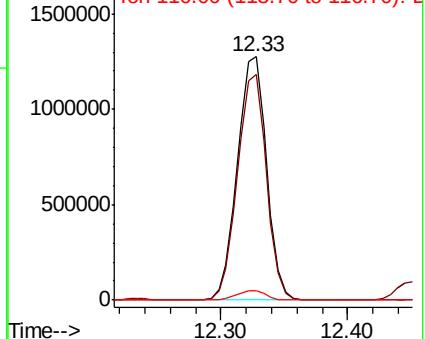
142 100

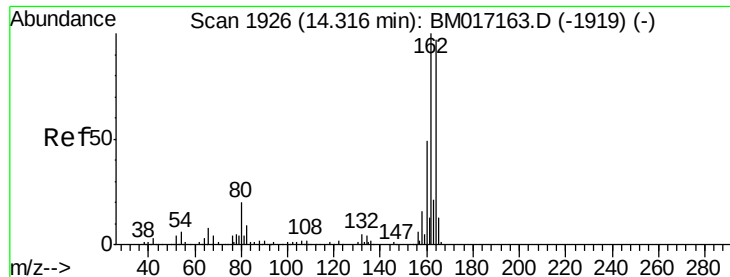
141 92.8 73.8 110.6

116 3.6 2.9 4.3



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

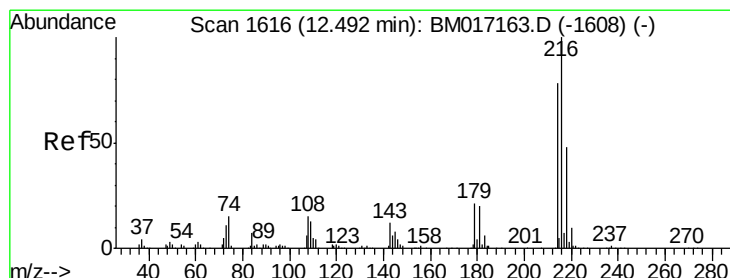
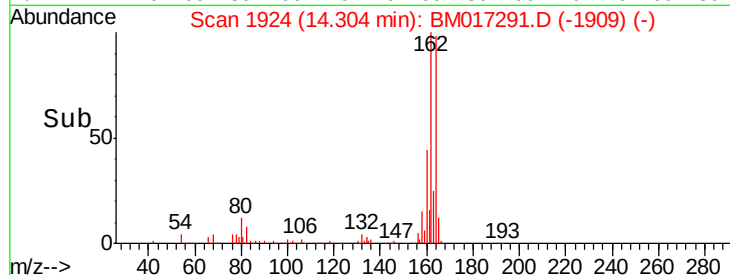
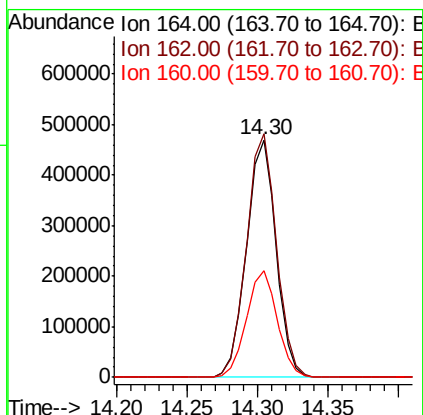
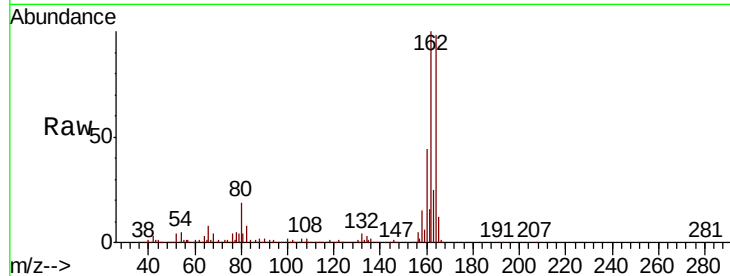




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

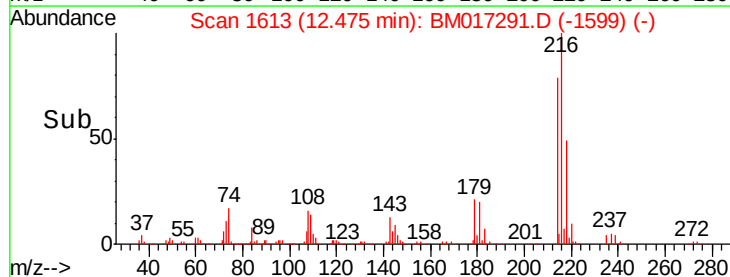
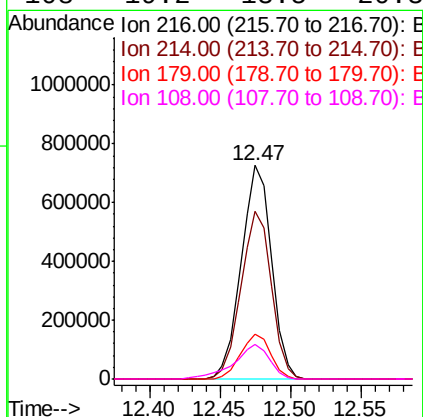
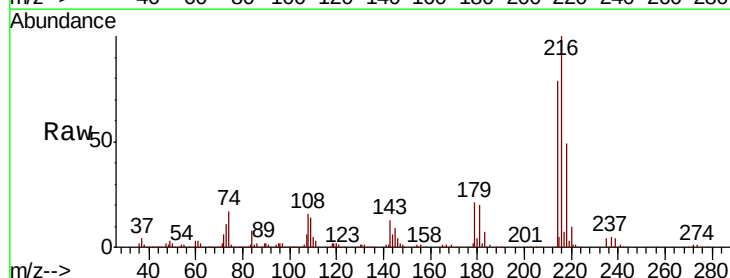
Instrument :
BNA_M
ClientSampleId :

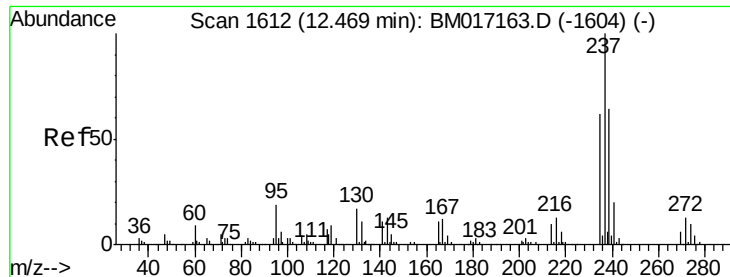
Tot Ion:164 Resp: 692367
Ion Ratio Lower Upper
164 100
162 102.5 82.1 123.1
160 44.9 40.2 60.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.804 ng
RT: 12.47 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion:216 Resp: 1092446
Ion Ratio Lower Upper
216 100
214 78.4 62.6 93.8
179 21.0 16.6 24.8
108 19.2 13.5 20.3





#41

Hexachlorocyclopentadiene

Concen: 106.569 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampled :

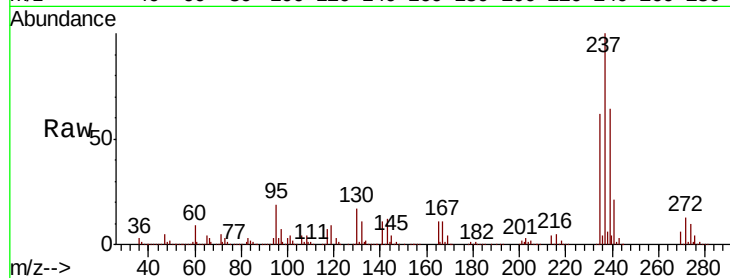
Tot Ion:237 Resp: 1256176

Ion Ratio Lower Upper

237 100

235 61.7 42.4 82.4

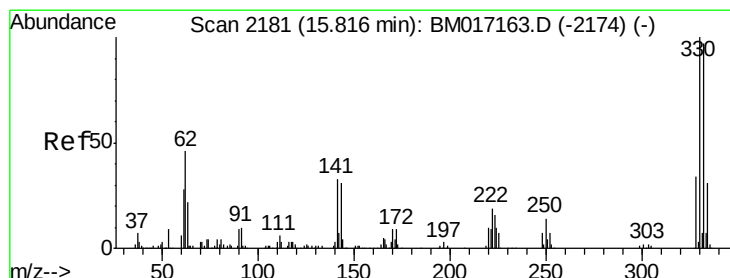
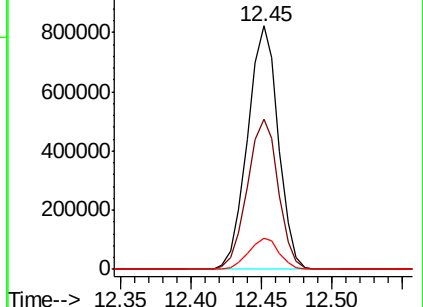
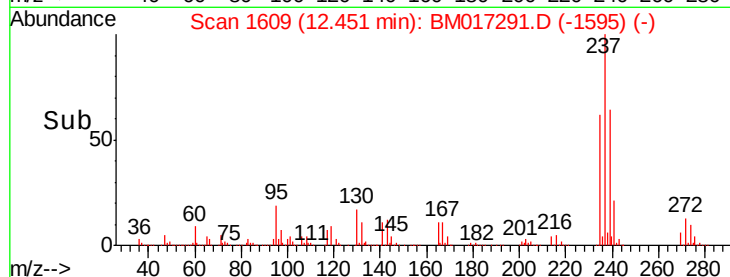
272 12.8 0.0 33.0



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: 134.397 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

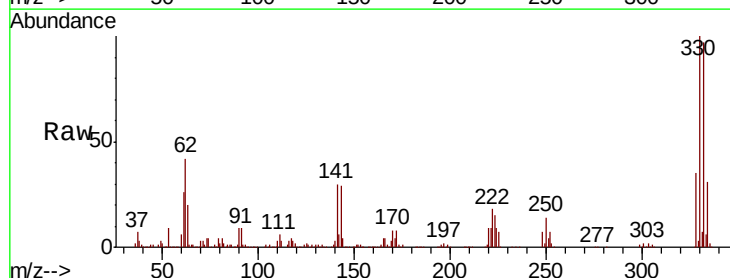
Tgt Ion:330 Resp: 1258393

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

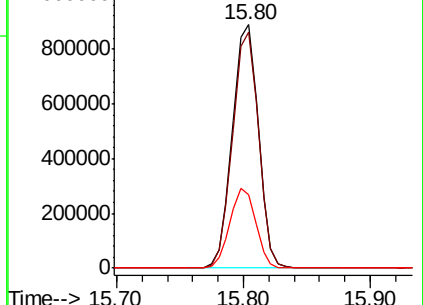
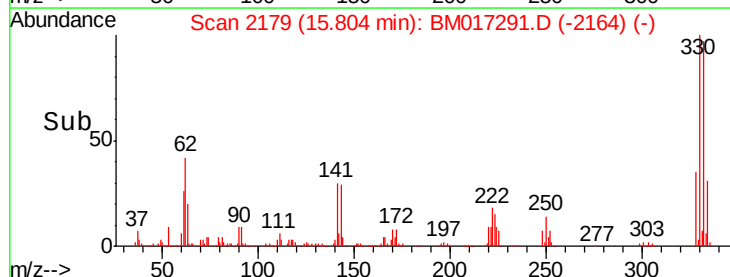
141 32.9 27.4 41.0

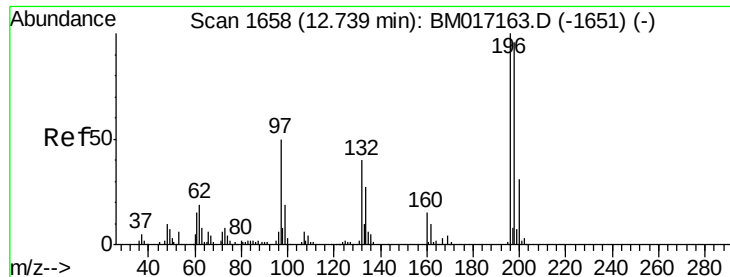


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

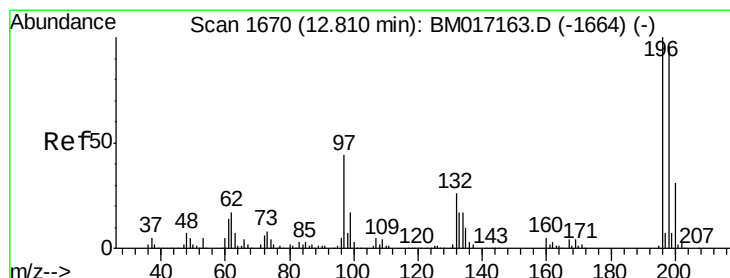
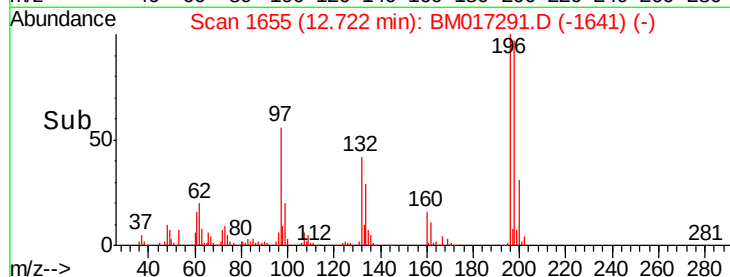
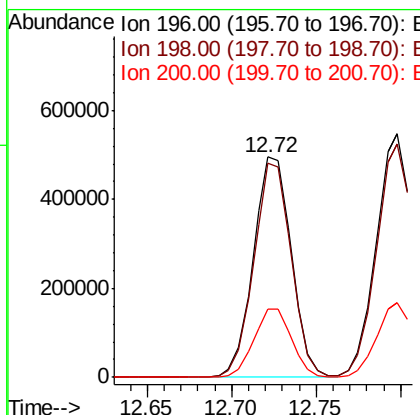
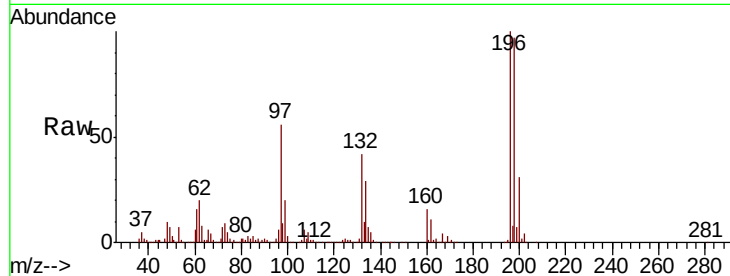




#43
 2,4,6-Trichlorophenol
 Concen: 54.812 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.02 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

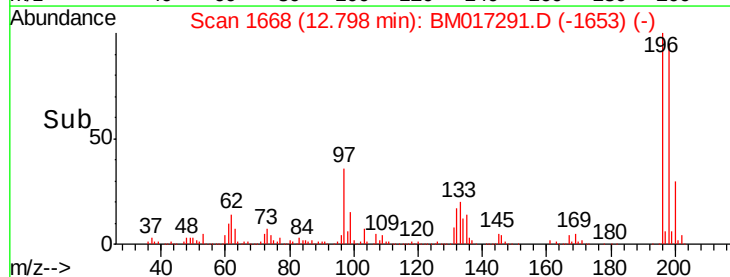
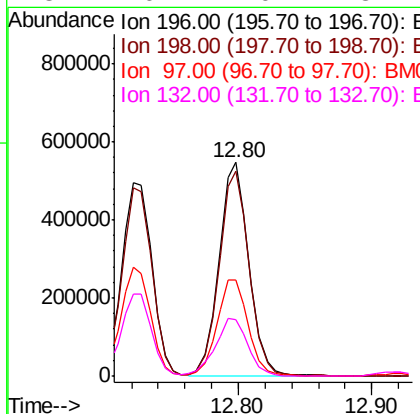
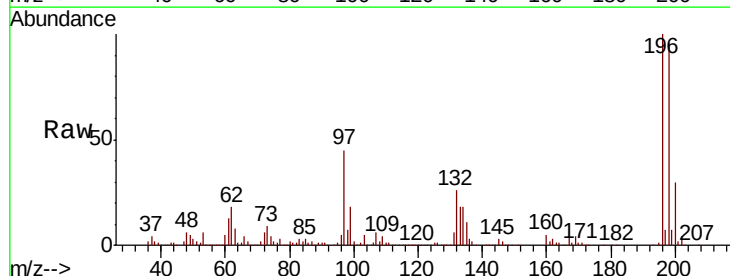
Instrument :
 BNA_M
 ClientSampleId :

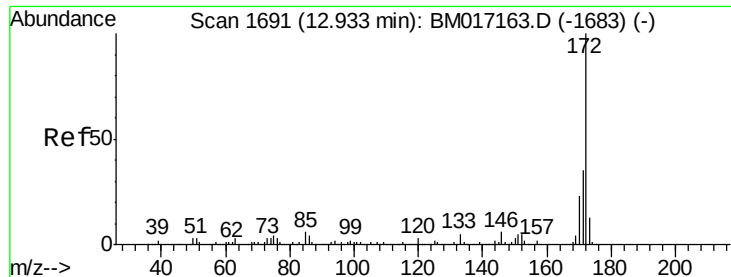
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.4	77.1	115.7
200	30.8	25.0	37.4



#44
 2,4,5-Trichlorophenol
 Concen: 56.021 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.6	115.0
97	45.1	35.5	53.3
132	26.4	20.7	31.1

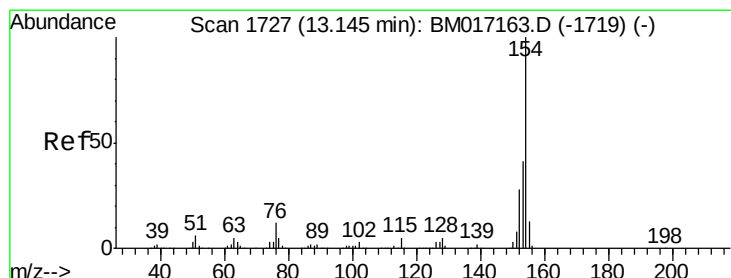
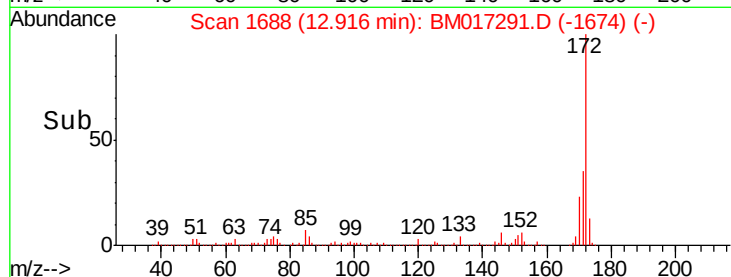
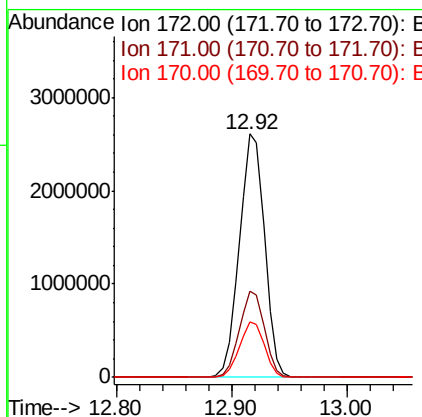
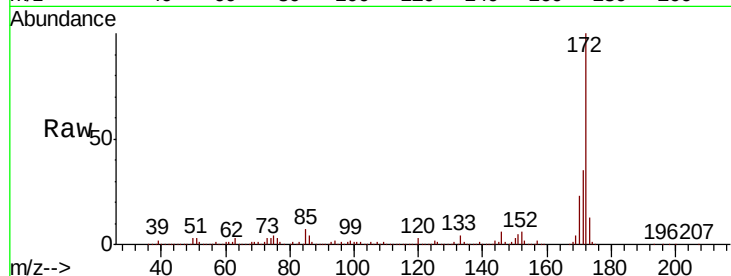




#45
2-Fluorobiphenyl
Concen: 75.687 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

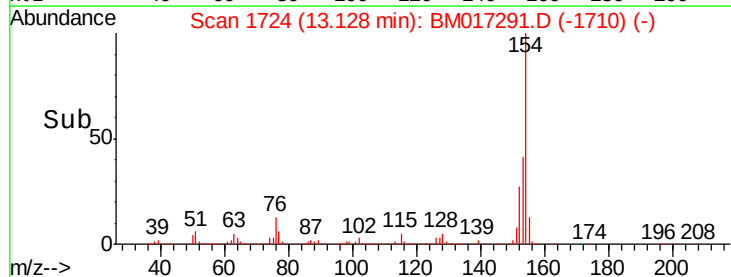
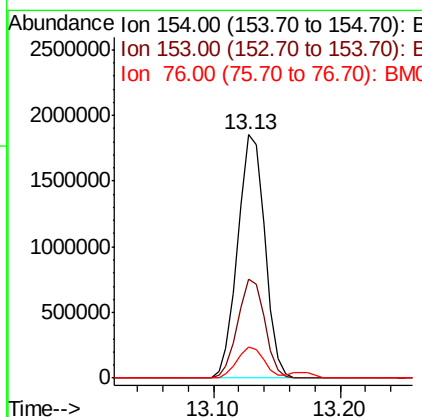
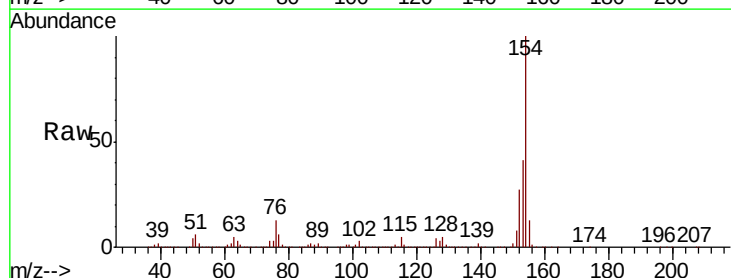
Instrument :
BNA_M
ClientSampleId :

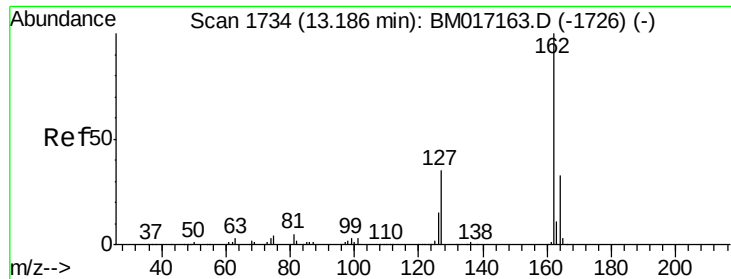
Tot Ion:172 Resp: 3938458
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 22.6 18.3 27.5



#46
1,1'-Biphenyl
Concen: 43.974 ng
RT: 13.13 min Scan# 1724
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion:154 Resp: 2739831
Ion Ratio Lower Upper
154 100
153 40.8 20.5 60.5
76 12.7 0.0 31.8

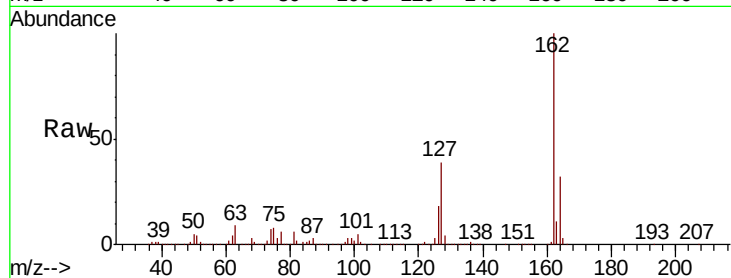




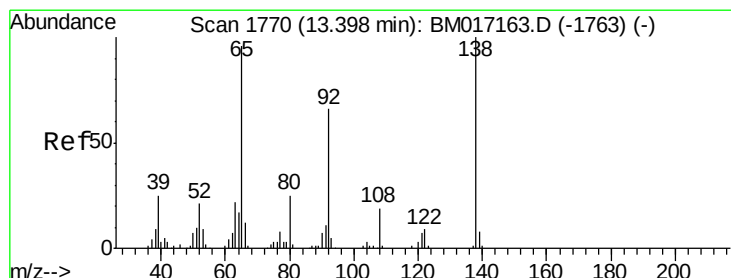
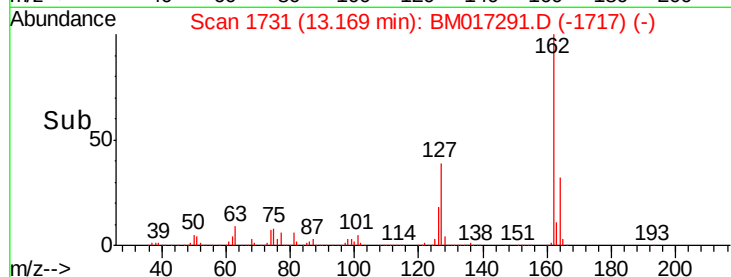
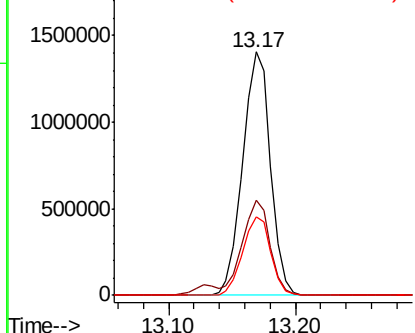
#47
2-Chloronaphthalene
Concen: 46.593 ng
RT: 13.17 min Scan# 1731
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 2135664
Ion Ratio Lower Upper
162 100
127 39.3 31.0 46.4
164 32.1 26.6 39.8

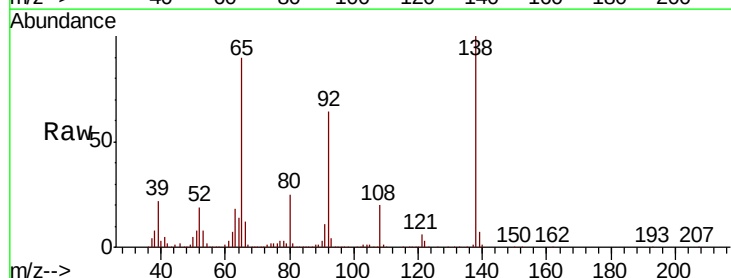


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

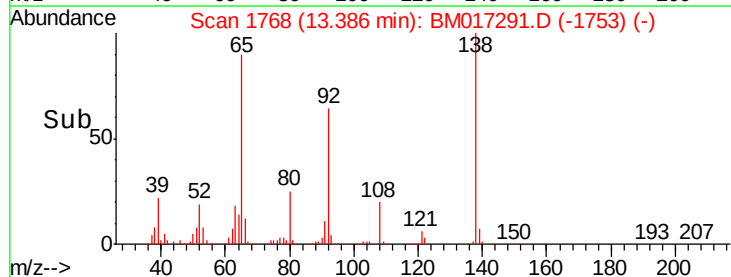
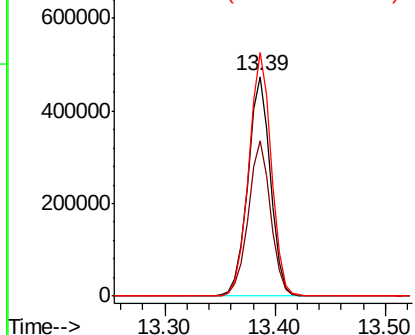


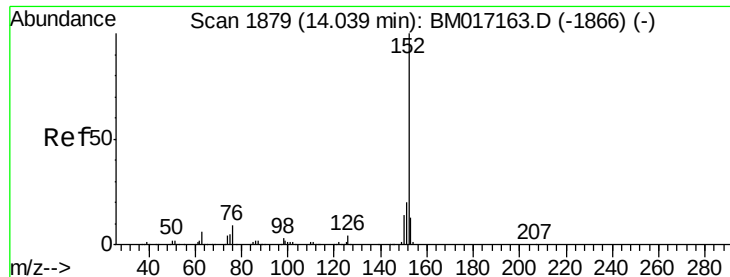
#48
2-Nitroaniline
Concen: 51.908 ng
RT: 13.39 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion: 65 Resp: 678995
Ion Ratio Lower Upper
65 100
92 70.8 54.9 82.3
138 110.8 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: 53.341 ng

RT: 14.02 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

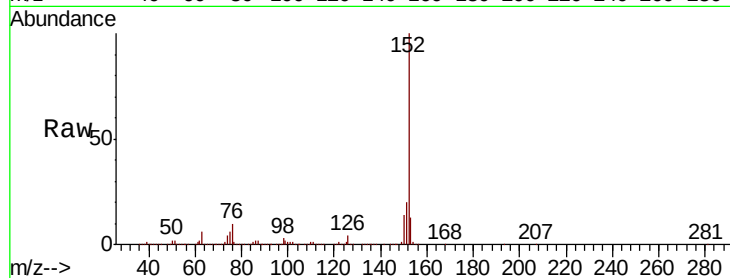
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 3543955

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.2	10.4	15.6

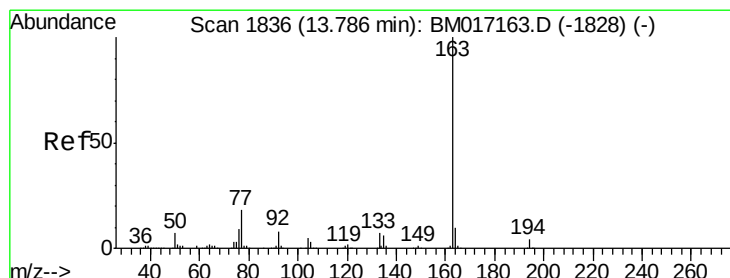
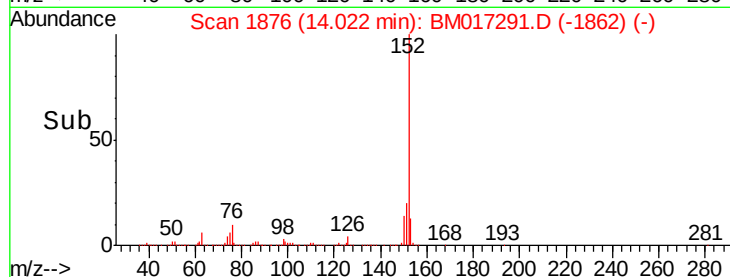
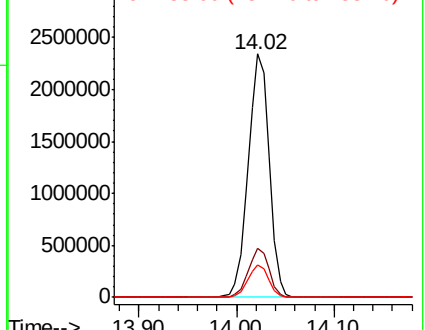


Abundance

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: 53.268 ng

RT: 13.77 min Scan# 1834

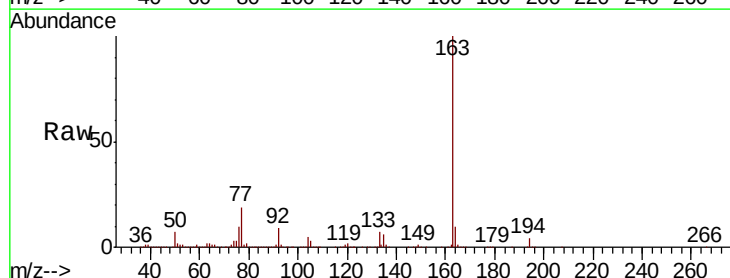
Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Tgt Ion:163 Resp: 2845384

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.0	7.8	11.8

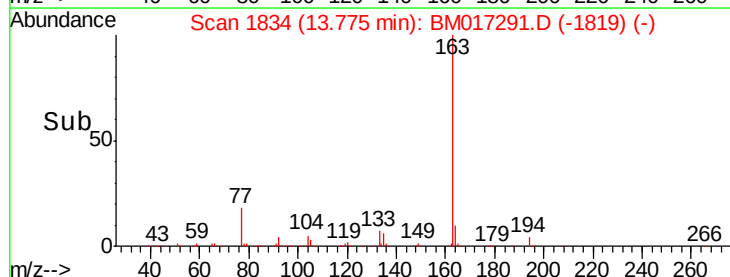
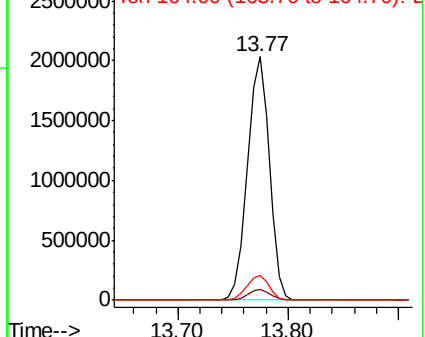


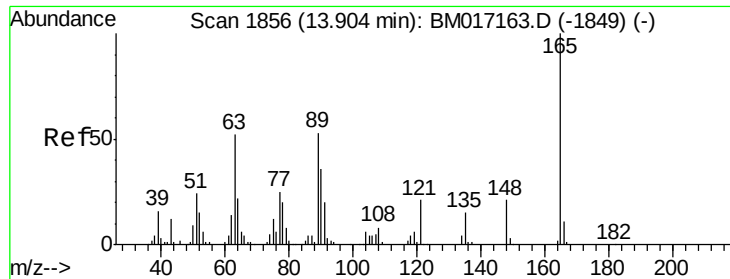
Abundance

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: 53.798 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampled :

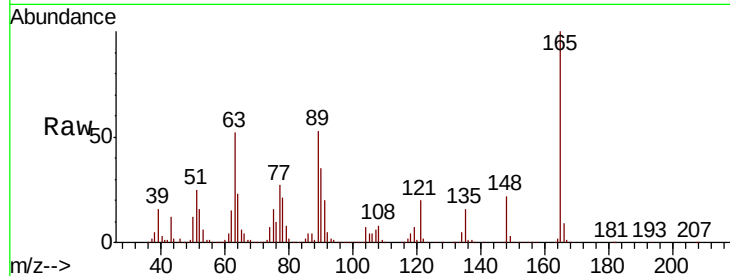
Tot Ion:165 Resp: 632483

Ion Ratio Lower Upper

165 100

63 52.1 42.7 64.1

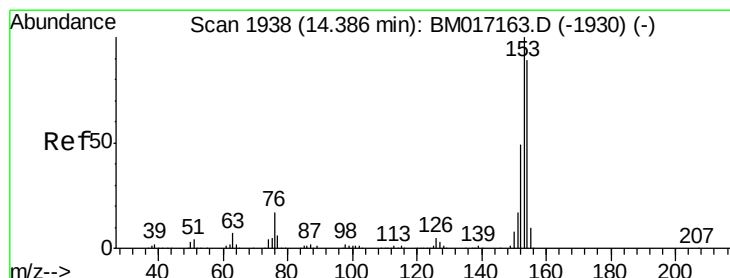
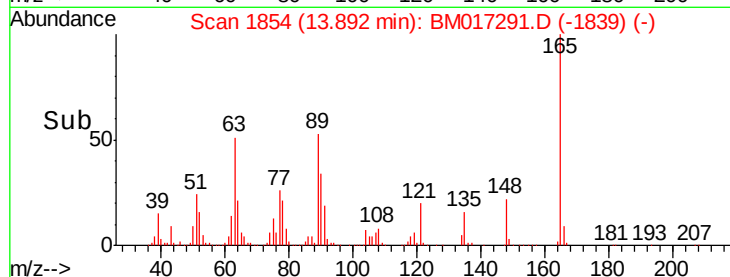
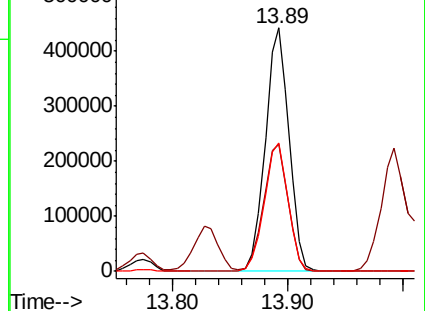
89 52.7 42.1 63.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 49.902 ng

RT: 14.37 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

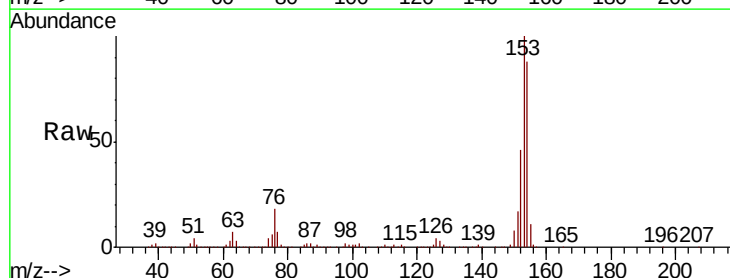
Tgt Ion:154 Resp: 2081721

Ion Ratio Lower Upper

154 100

153 113.1 90.2 135.2

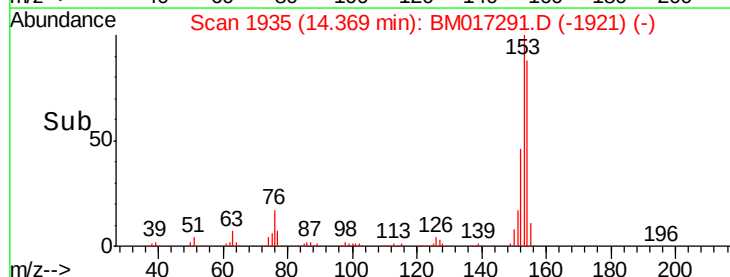
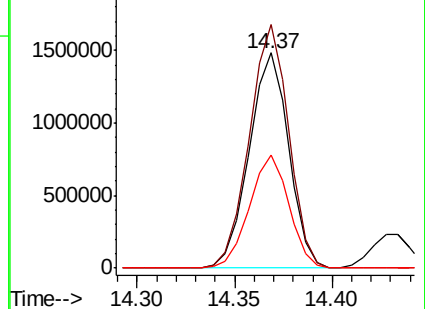
152 52.3 44.2 66.4

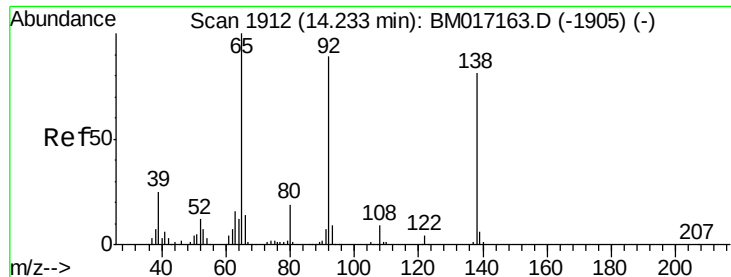


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

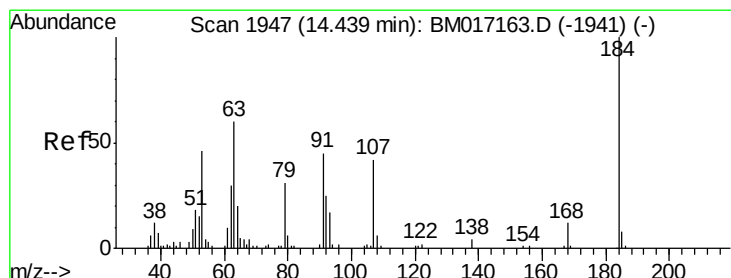
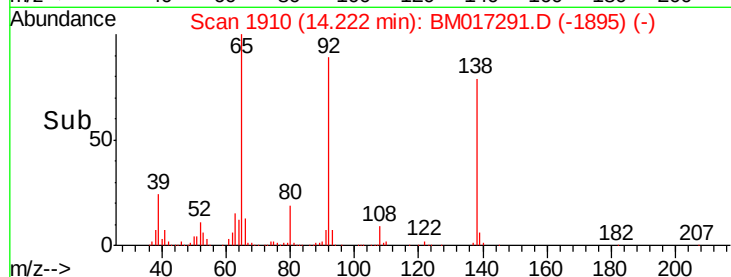
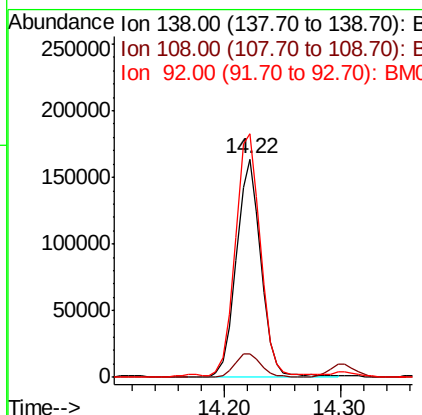
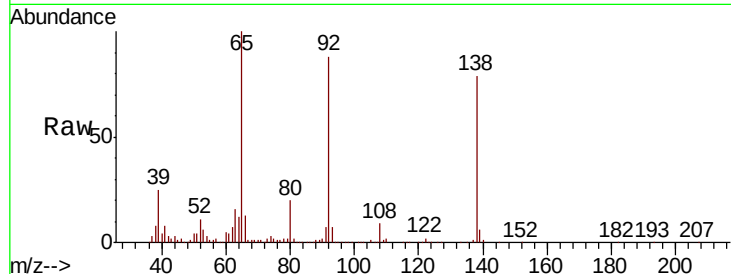




#53
3-Nitroaniline
Concen: 19.135 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

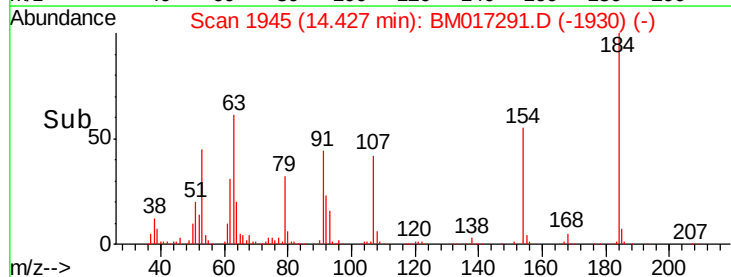
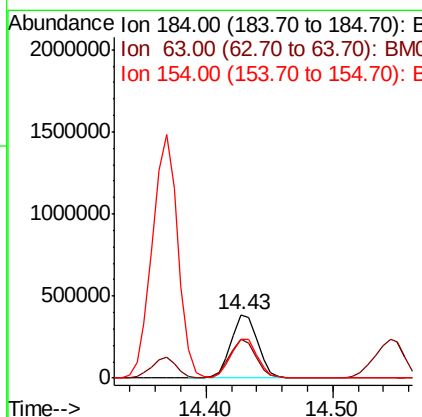
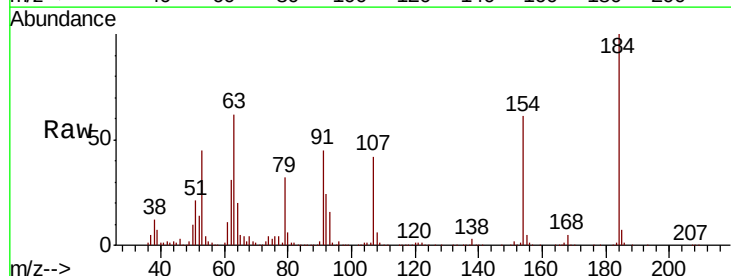
Instrument :
BNA_M
ClientSampled :

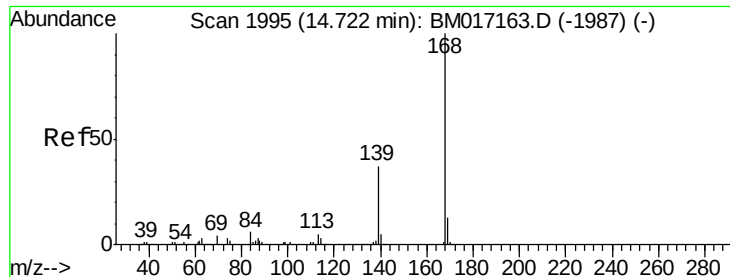
Tot Ion:138 Resp: 243645
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 111.4 87.9 131.9



#54
2,4-Dinitrophenol
Concen: 81.779 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion:184 Resp: 565447
Ion Ratio Lower Upper
184 100
63 62.0 51.2 76.8
154 60.7 47.8 71.8

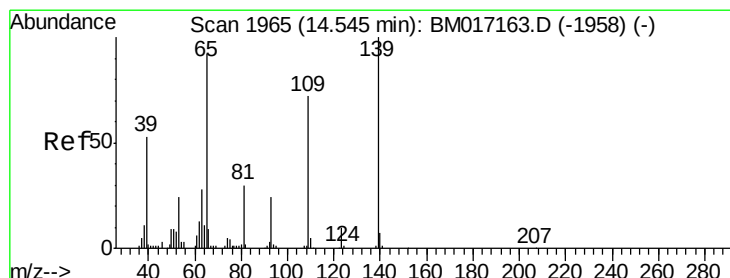
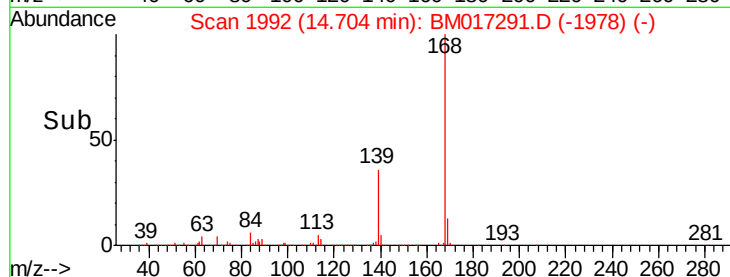
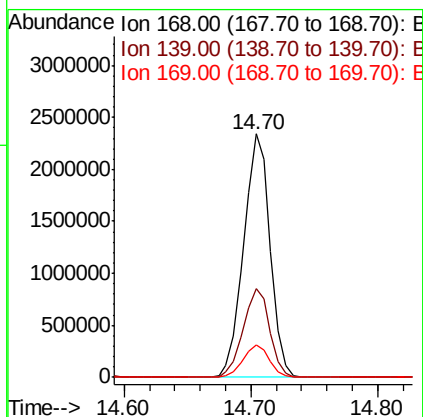
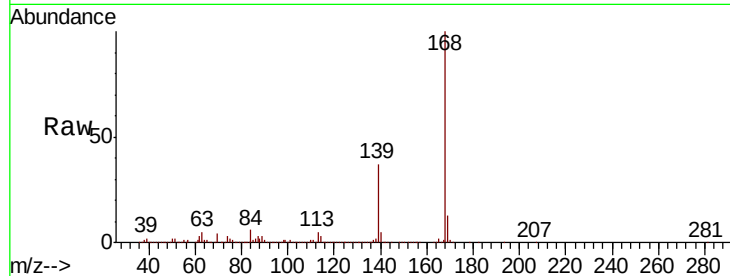




#55
Dibenzofuran
Concen: 48.623 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

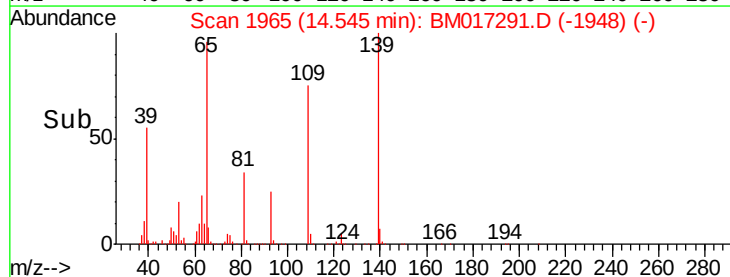
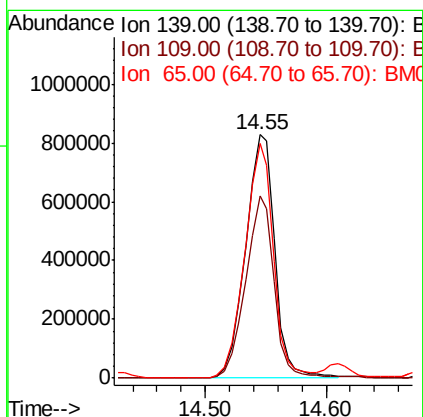
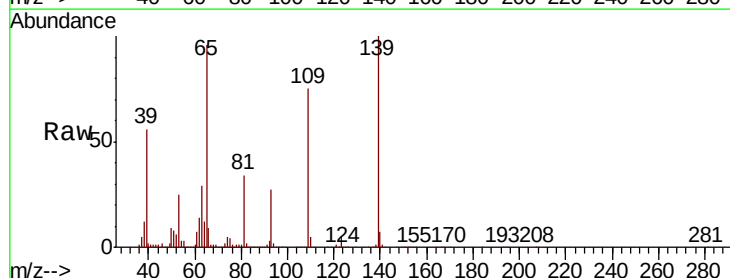
Instrument :
BNA_M
ClientSampleId :

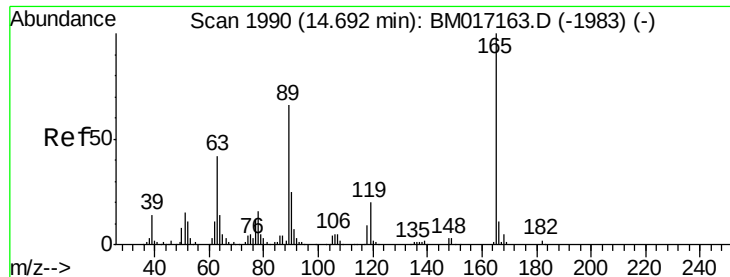
Tot Ion:168 Resp: 3373062
Ion Ratio Lower Upper
168 100
139 36.7 29.3 43.9
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 118.549 ng
RT: 14.55 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion:139 Resp: 1403764
Ion Ratio Lower Upper
139 100
109 74.6 51.8 91.8
65 96.4 72.1 112.1





#57

2,4-Dinitrotoluene

Concen: 57.830 ng

RT: 14.69 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampled :

Tot Ion:165 Resp: 913810

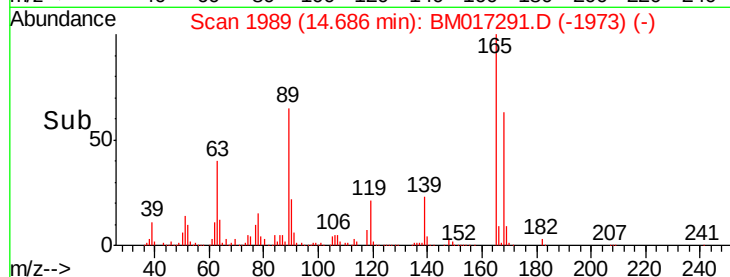
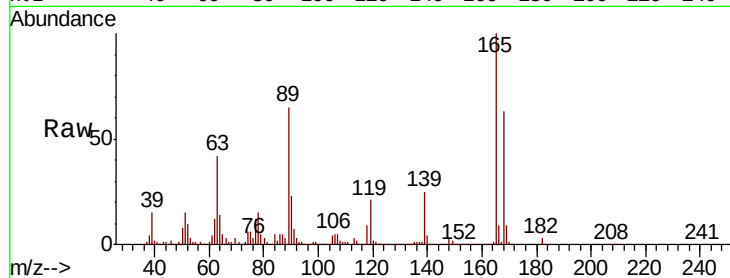
Ion Ratio Lower Upper

165 100

63 42.5 33.8 50.8

89 65.3 53.1 79.7

182 3.1 2.0 3.0#

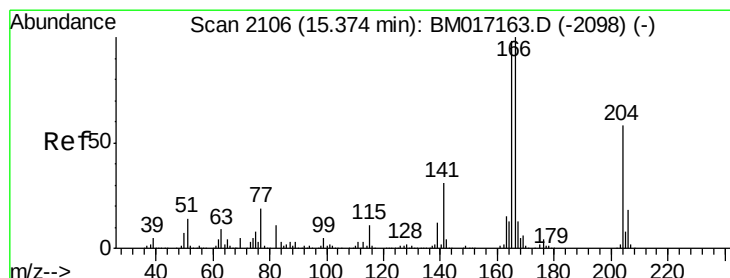
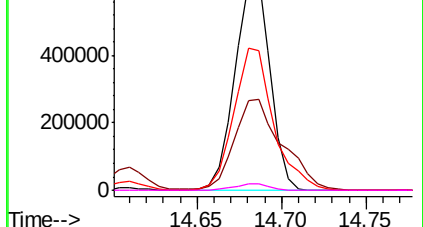


Abundance Ion 165.00 (164.70 to 165.70): E

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: 53.744 ng

RT: 15.36 min Scan# 2103

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

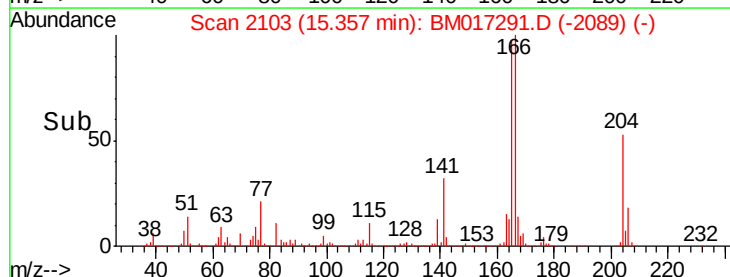
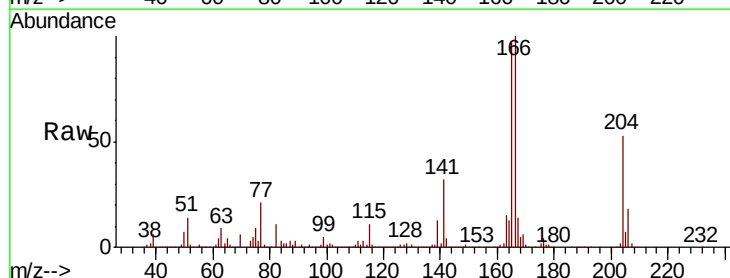
Tgt Ion:166 Resp: 2759624

Ion Ratio Lower Upper

166 100

165 97.3 78.1 117.1

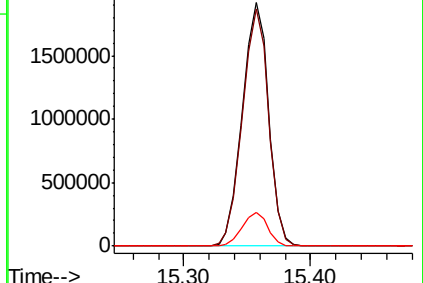
167 13.9 10.6 16.0

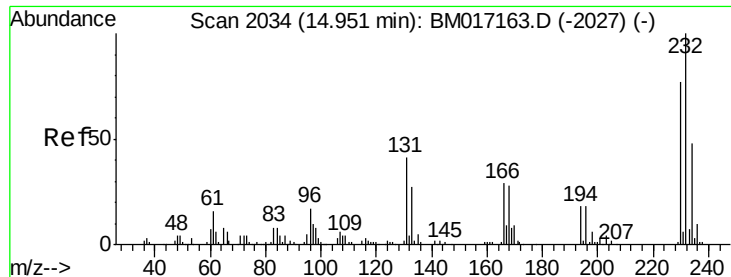


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

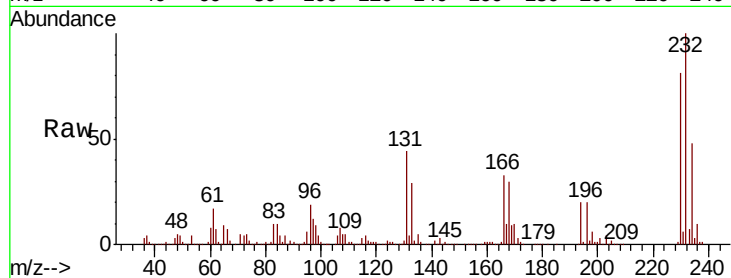




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.858 ng
 RT: 14.93 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.8	33.1	49.7
130	2.3	1.7	2.5
166	31.3	24.4	36.6



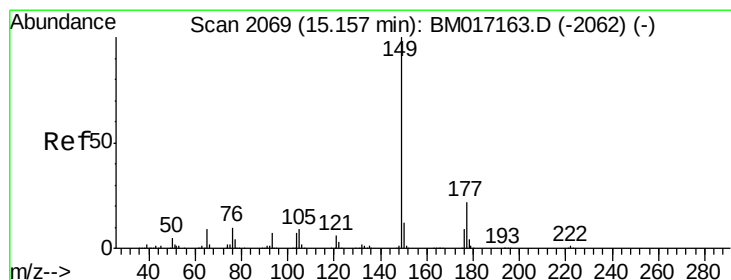
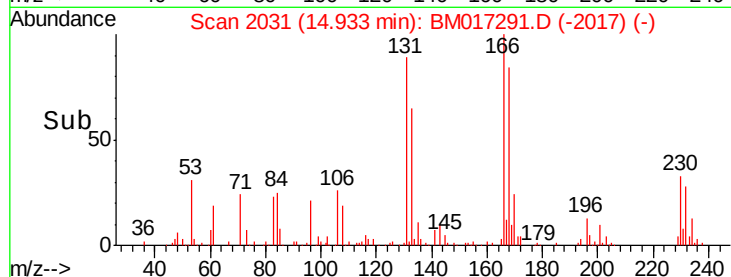
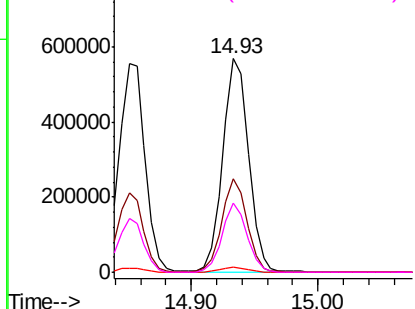
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

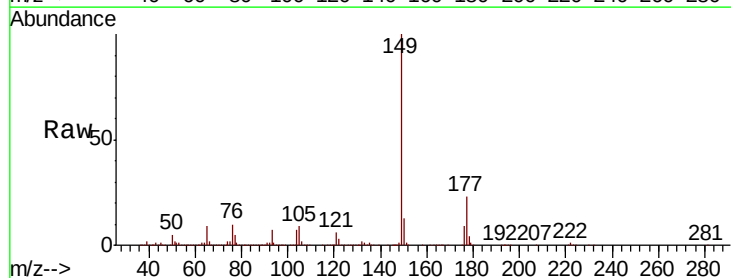
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 56.585 ng
 RT: 15.15 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.7	26.5
150	12.5	10.0	15.0

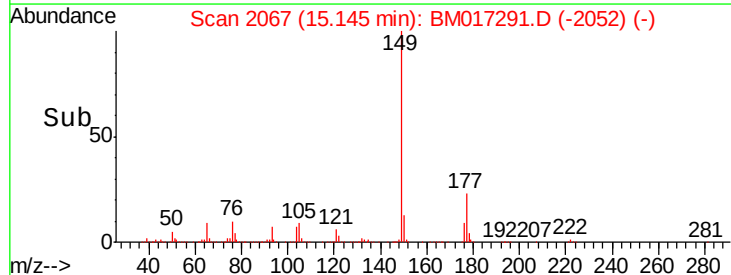
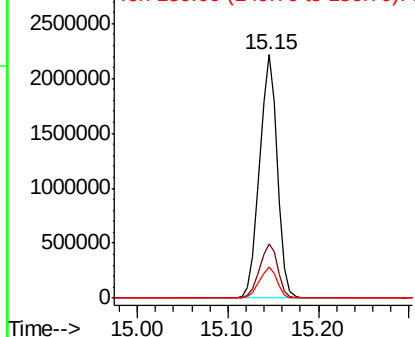


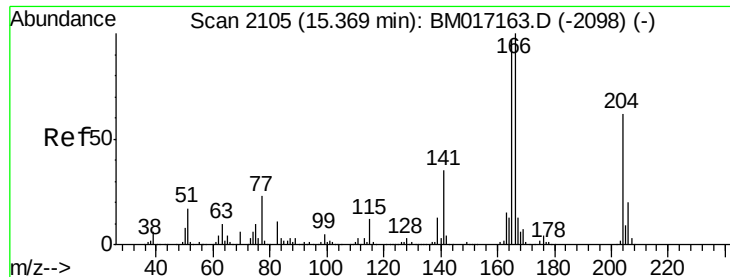
Abundance

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

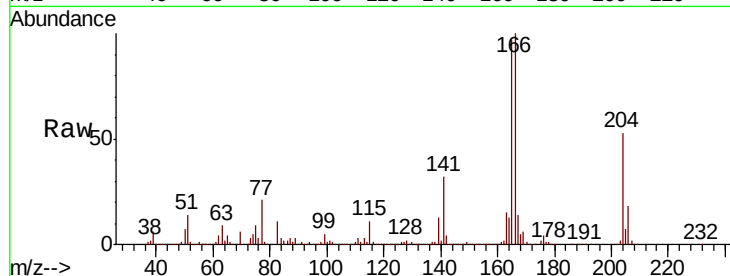




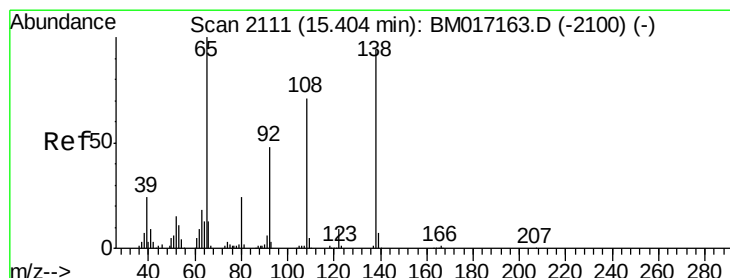
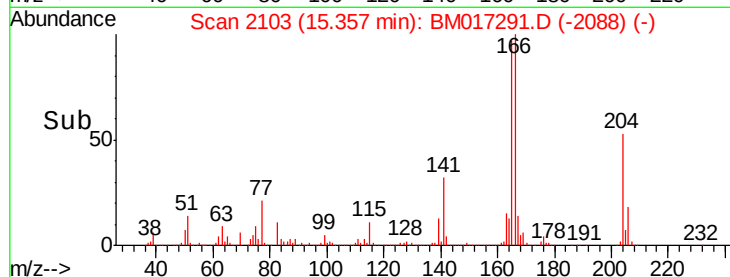
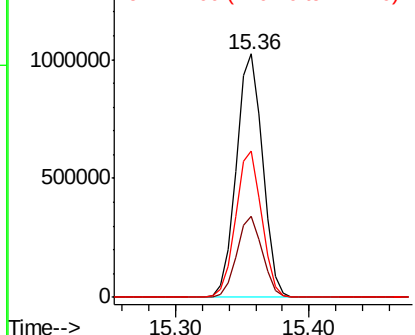
#61
4-Chlorophenyl-phenylether
Concen: 47.632 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 1394332
Ion Ratio Lower Upper
204 100
206 33.4 26.1 39.1
141 59.9 45.4 68.2

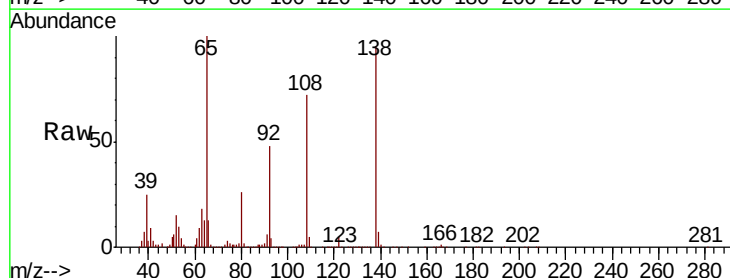


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

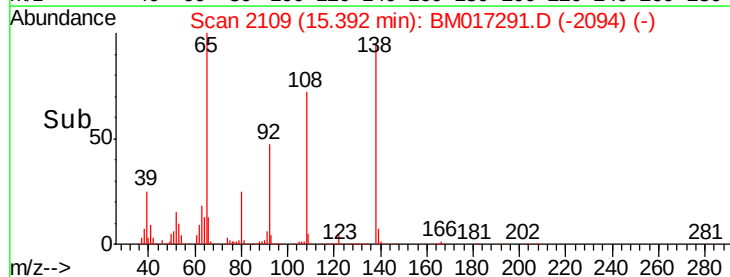
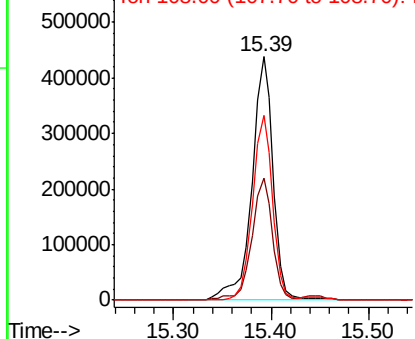


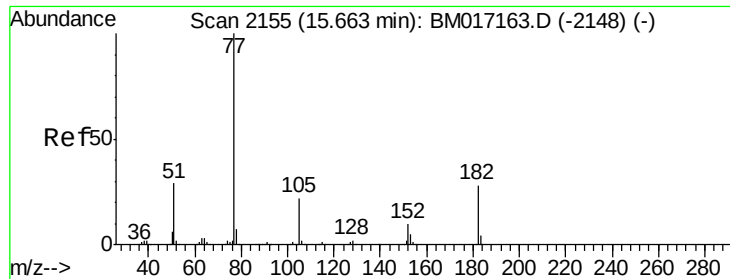
#62
4-Nitroaniline
Concen: 47.409 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion:138 Resp: 672765
Ion Ratio Lower Upper
138 100
92 50.0 31.2 71.2
108 75.6 55.5 95.5



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





#63

Azobenzene

Concen: 51.660 ng

RT: 15.65 min Scan# 2152

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

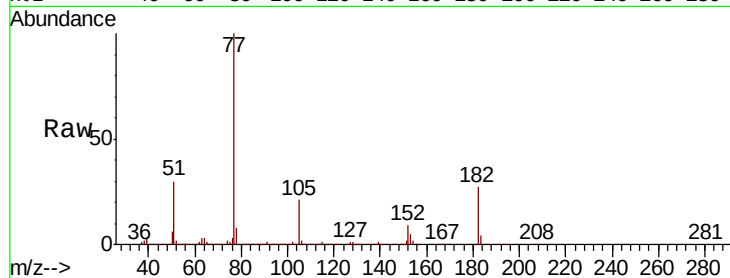
Instrument :

BNA_M

ClientSampled :

Tot Ion: 77 Resp: 2659932

Ion	Ratio	Lower	Upper
77	100		
182	26.6	8.3	48.3
105	21.5	1.5	41.5
51	29.6	8.8	48.8

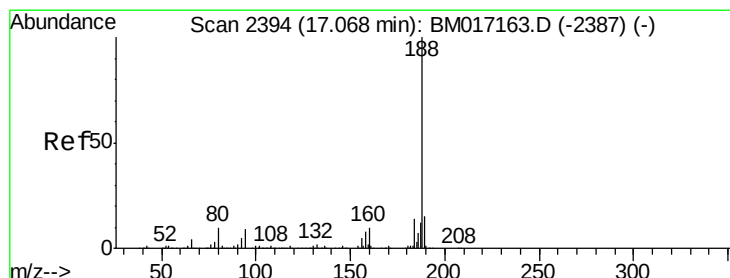
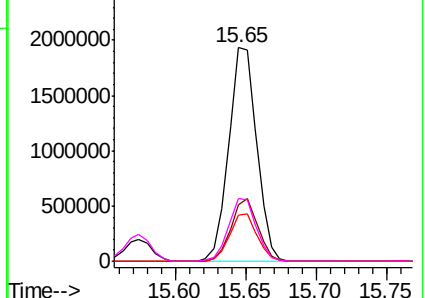
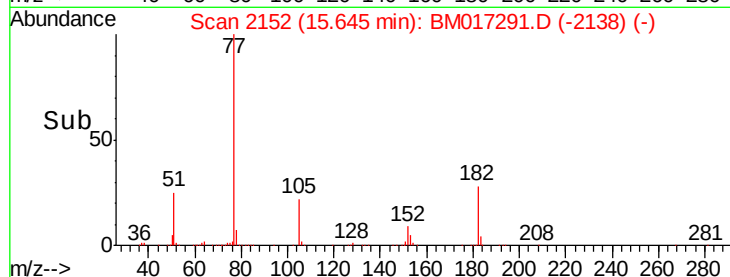


Abundance Ion 77.00 (76.70 to 77.70): BM017291.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM017291.D (-2138) (-)

Ion 105.00 (104.70 to 105.70): BM017291.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM017291.D (-2138) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

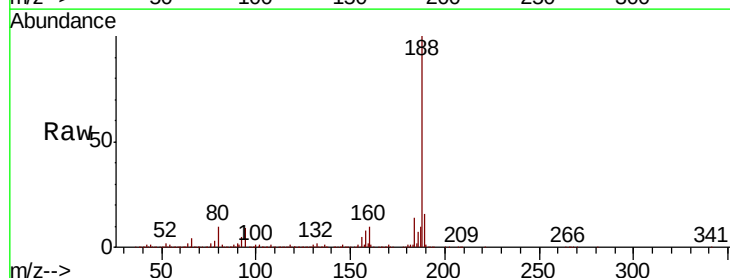
Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Tgt Ion: 188 Resp: 1634111

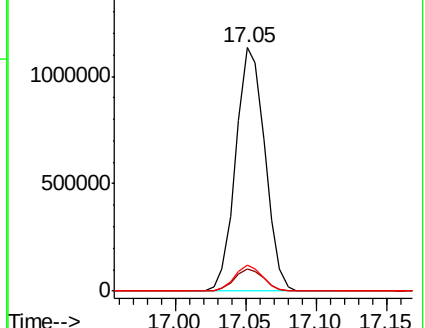
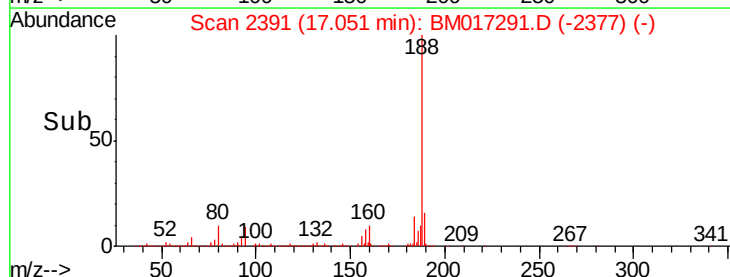
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.4
80	10.5	7.7	11.5

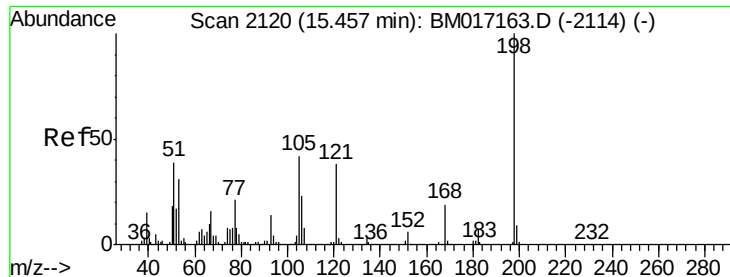


Abundance Ion 188.00 (187.70 to 188.70): BM017291.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017291.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017291.D (-2377) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 45.269 ng

RT: 15.45 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampleId :

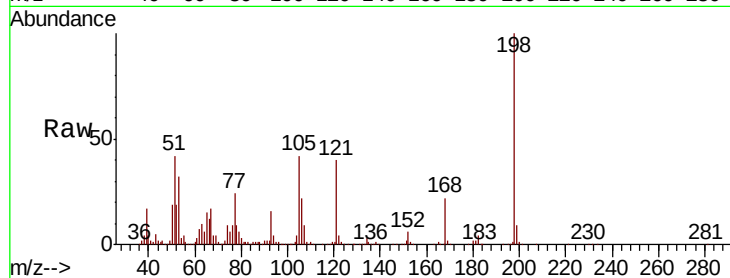
Tot Ion:198 Resp: 470140

Ion Ratio Lower Upper

198 100

51 42.2 20.3 60.3

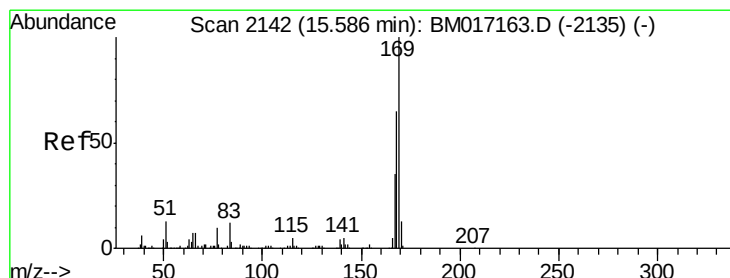
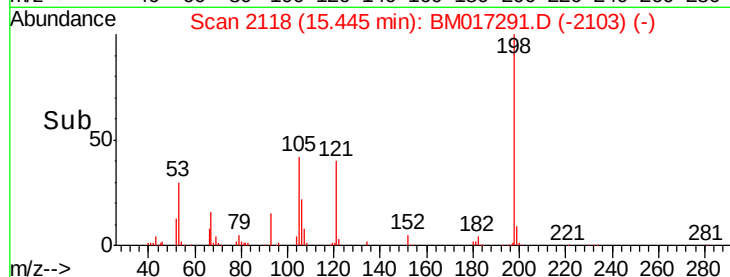
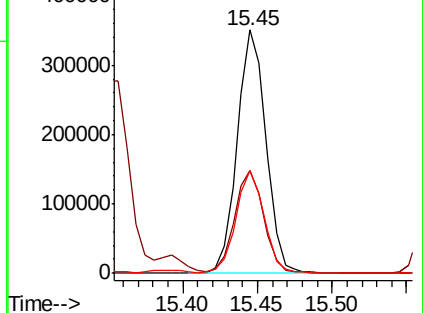
105 42.3 21.9 61.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 50.755 ng

RT: 15.57 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

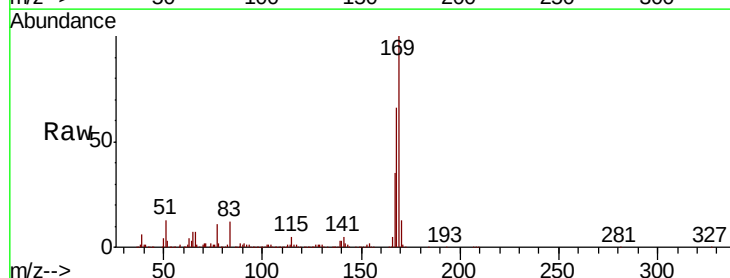
Tgt Ion:169 Resp: 2509291

Ion Ratio Lower Upper

169 100

168 65.7 52.2 78.4

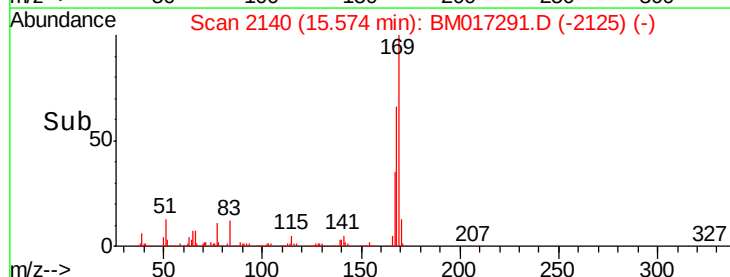
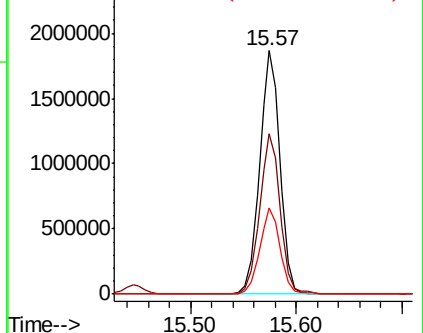
167 35.4 28.4 42.6

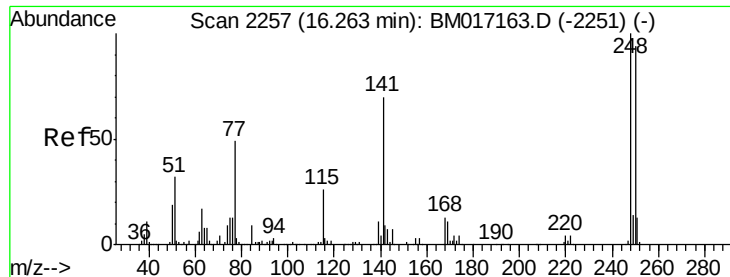


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

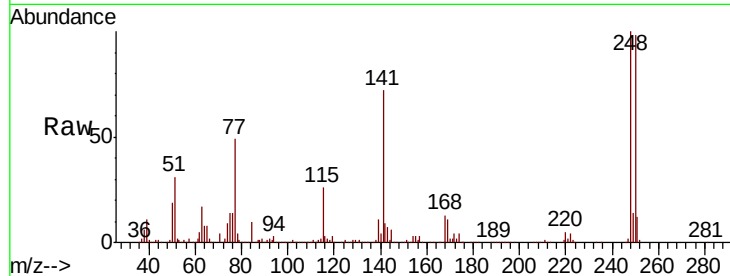




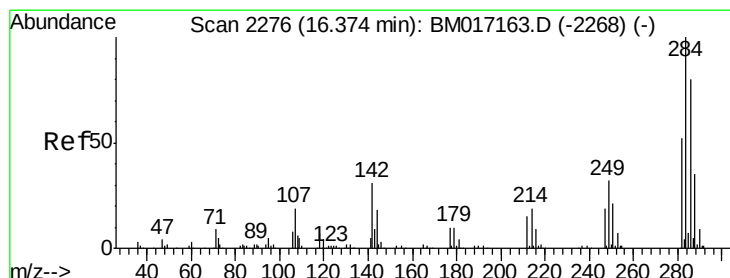
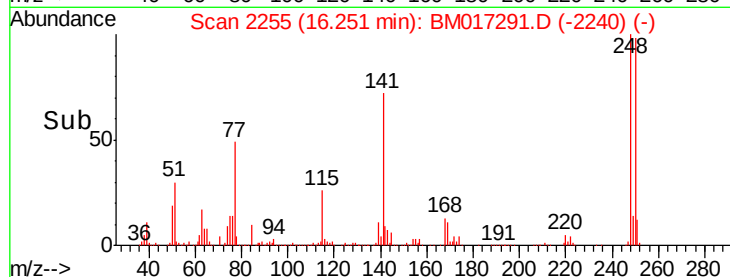
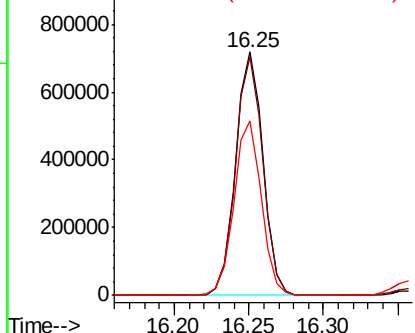
#67
4-Bromophenyl-phenylether
Concen: 51.141 ng
RT: 16.25 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 917611
Ion Ratio Lower Upper
248 100
250 98.1 75.1 112.7
141 71.7 55.6 83.4

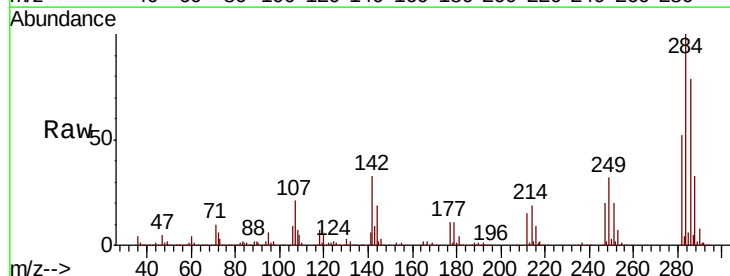


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

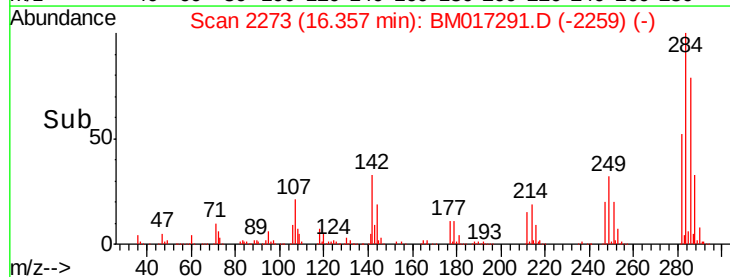
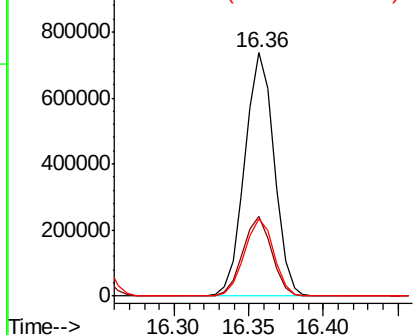


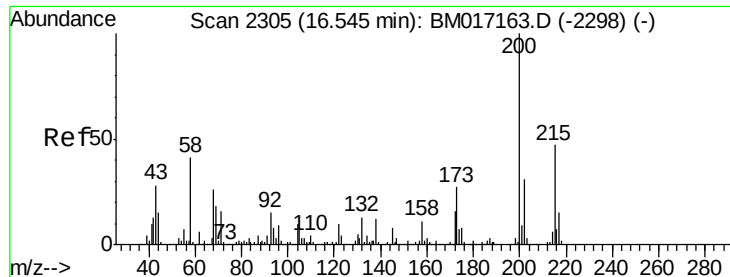
#68
Hexachlorobenzene
Concen: 48.001 ng
RT: 16.36 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion:284 Resp: 1000449
Ion Ratio Lower Upper
284 100
142 33.0 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: 54.068 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.00 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampled :

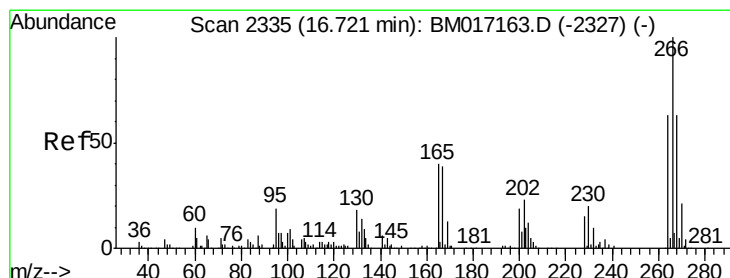
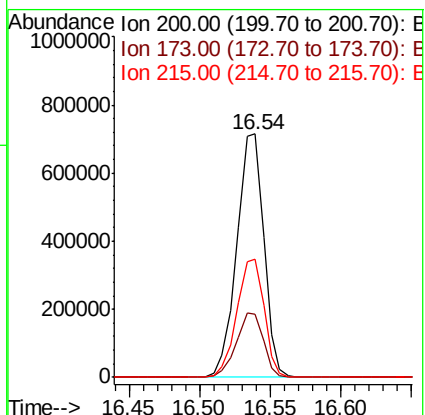
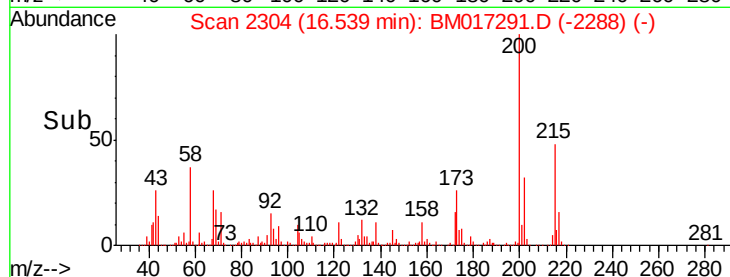
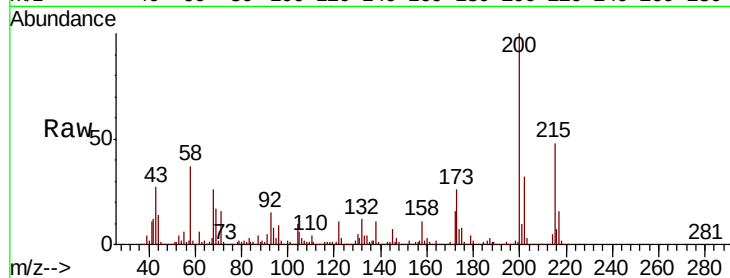
Tot Ion:200 Resp: 956720

Ion Ratio Lower Upper

200 100

173 26.0 7.0 47.0

215 48.3 27.3 67.3



#70

Pentachlorophenol

Concen: 87.812 ng

RT: 16.71 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

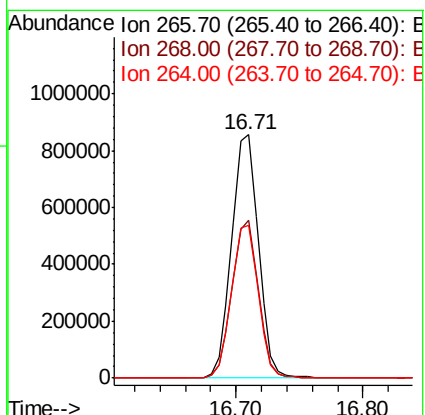
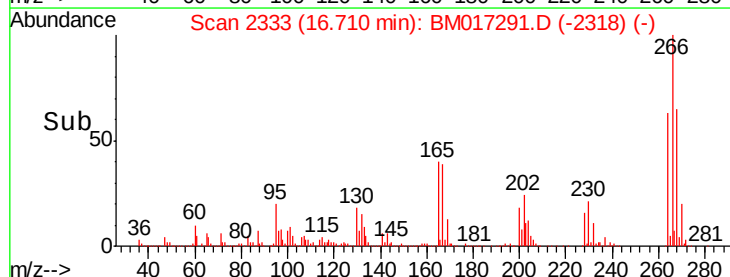
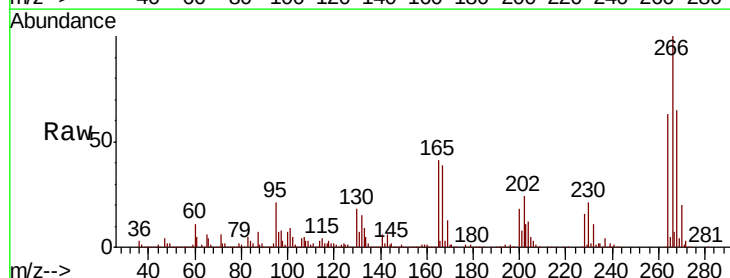
Tgt Ion:266 Resp: 1253735

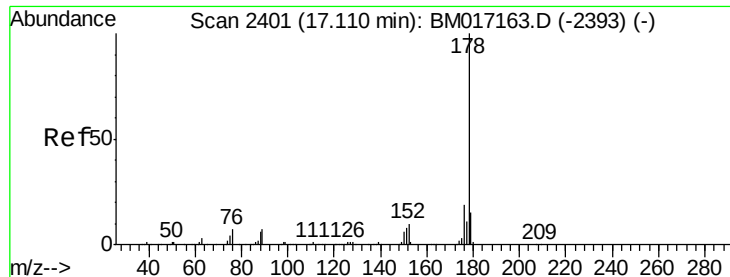
Ion Ratio Lower Upper

266 100

268 64.9 50.7 76.1

264 63.0 50.4 75.6





#71

Phenanthrene

Concen: 51.113 ng

RT: 17.10 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampleId :

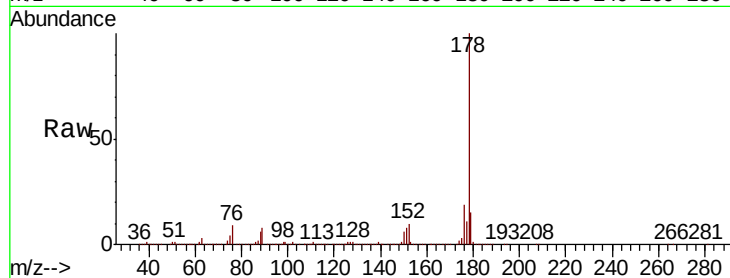
Tot Ion:178 Resp: 4506428

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

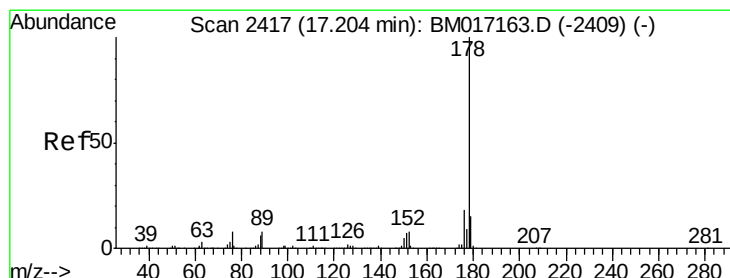
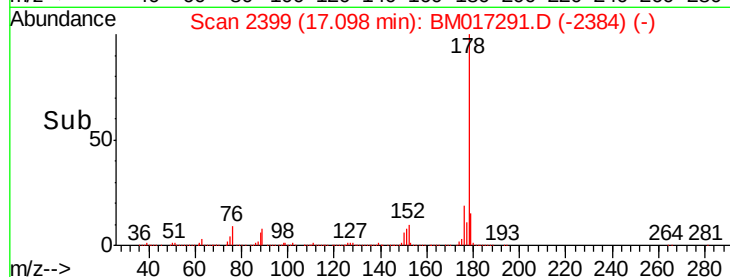
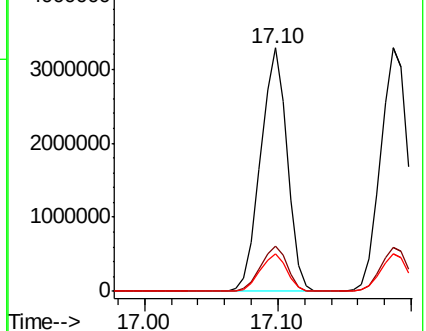
179 15.4 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 55.250 ng

RT: 17.19 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

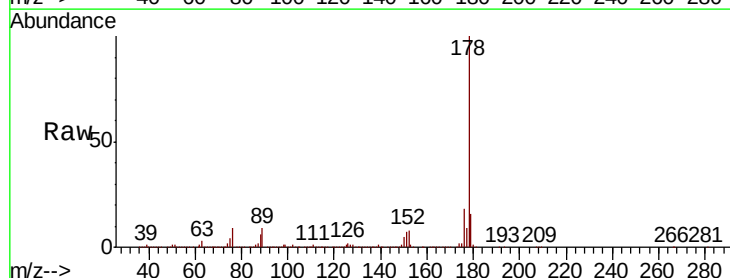
Tgt Ion:178 Resp: 4628441

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

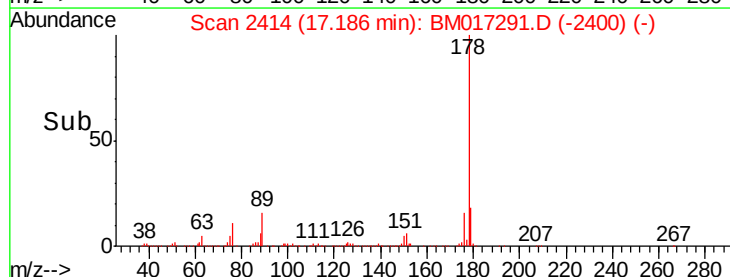
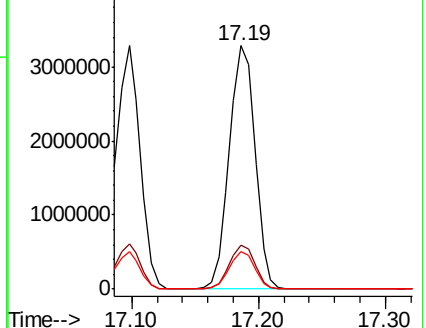
179 15.6 12.2 18.2

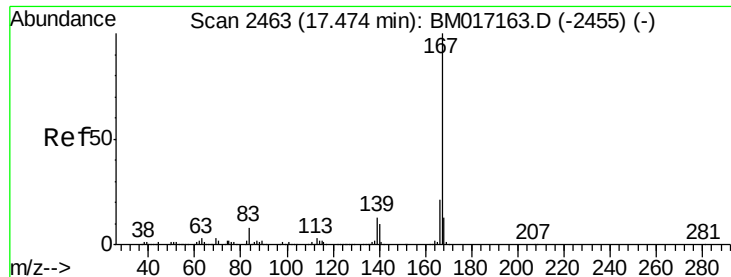


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



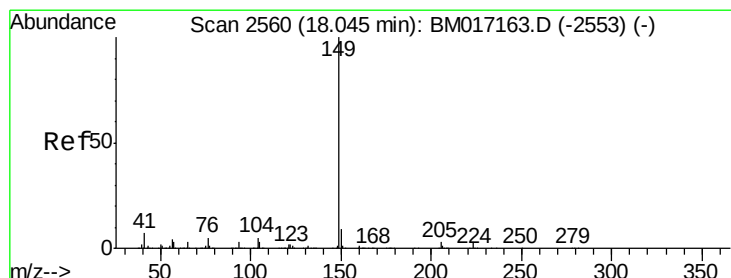
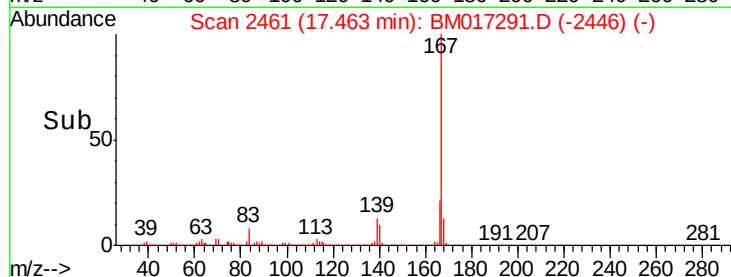
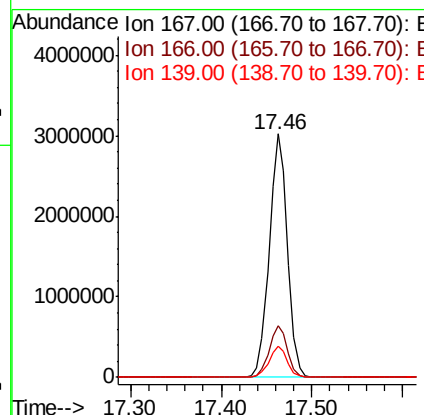
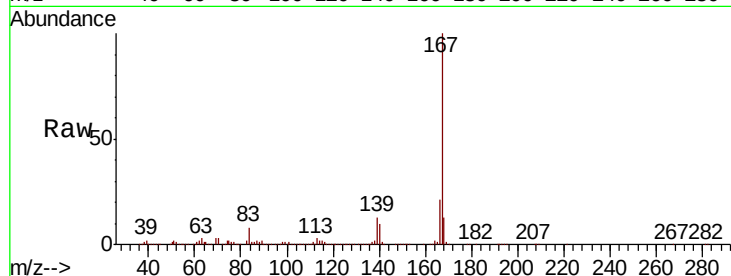


#73
 Carbazole
 Concen: 49.407 ng
 RT: 17.46 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 4227950

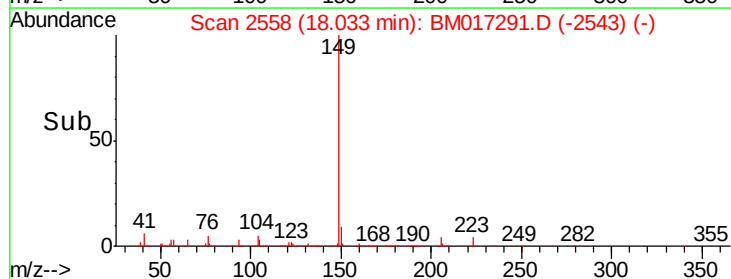
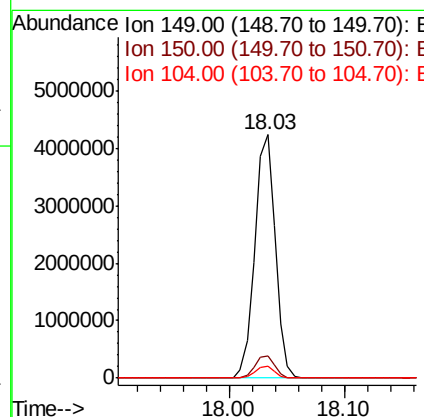
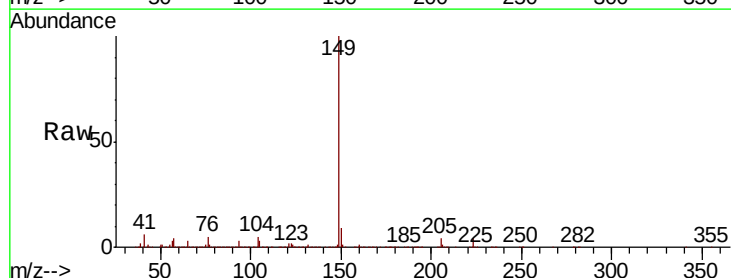
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	12.7	10.1	15.1

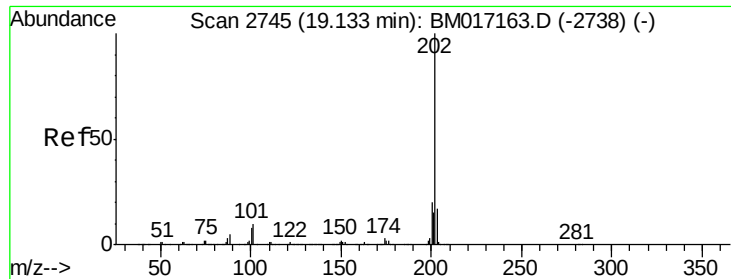


#74
 Di-n-butylphthalate
 Concen: 57.842 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Tgt Ion:149 Resp: 5220662

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.9	4.3	6.5





#75

Fluoranthene

Concen: 53.574 ng

RT: 19.12 min Scan# 2742

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampled :

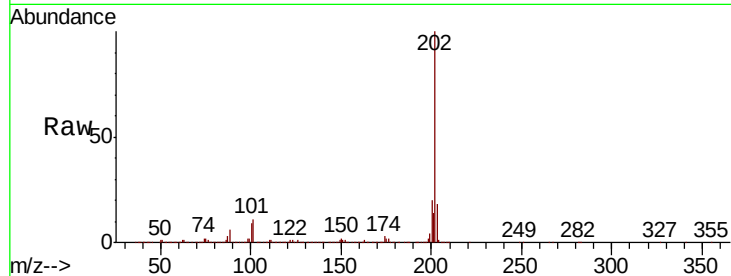
Tot Ion:202 Resp: 5315063

Ion Ratio Lower Upper

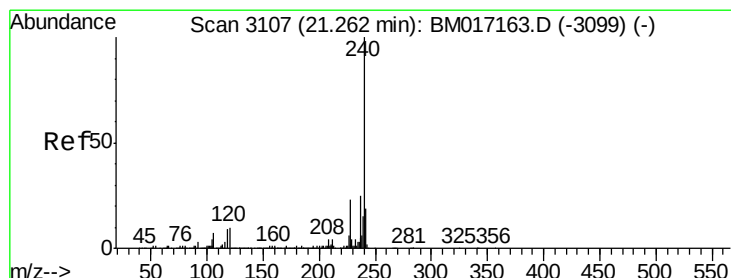
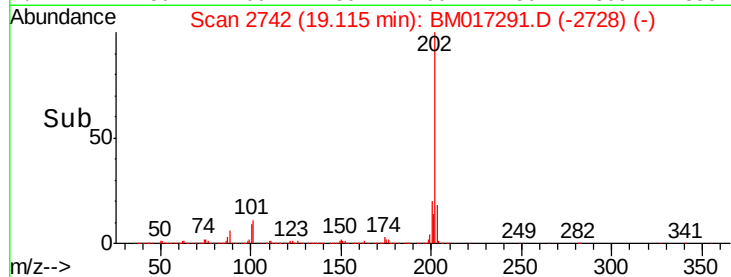
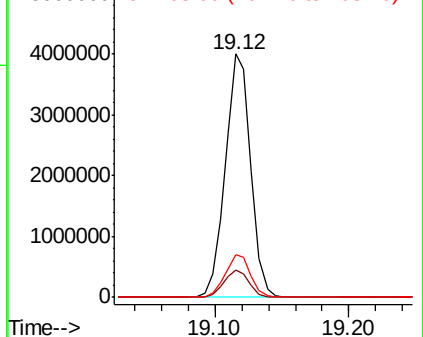
202 100

101 11.3 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: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

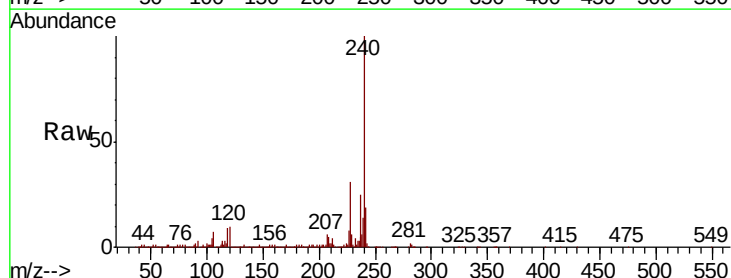
Tgt Ion:240 Resp: 1692102

Ion Ratio Lower Upper

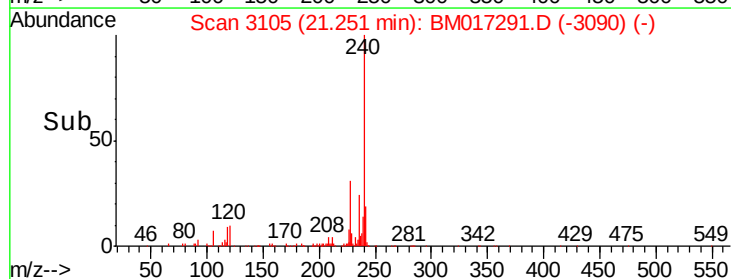
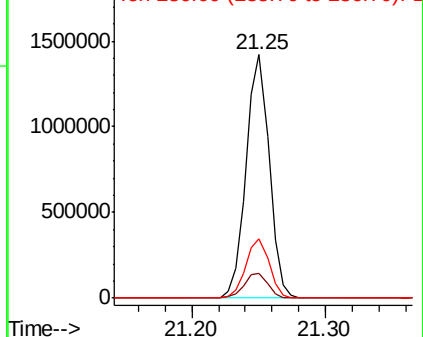
240 100

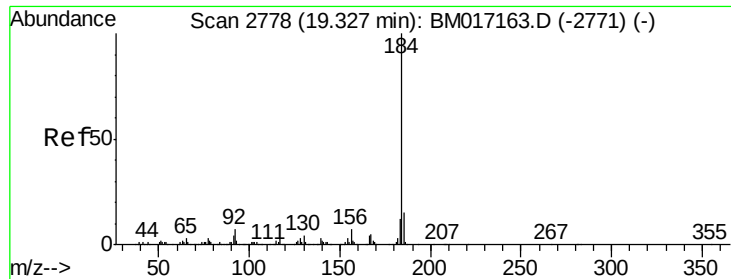
120 9.9 8.1 12.1

236 24.6 19.9 29.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

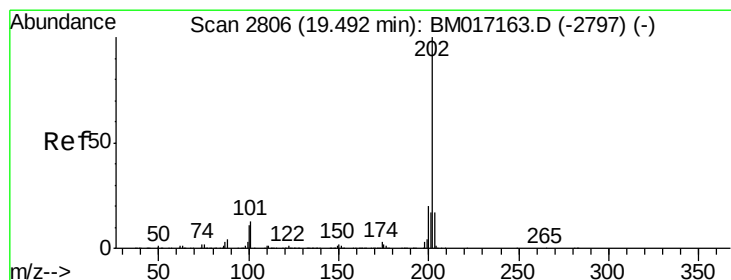
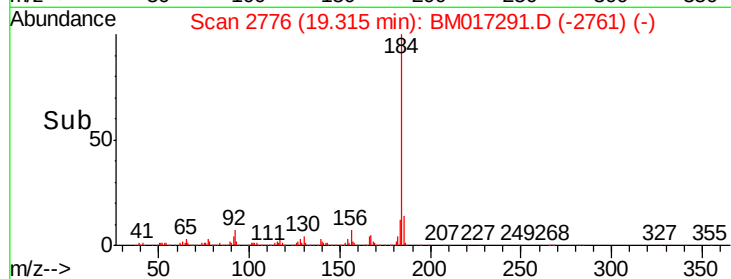
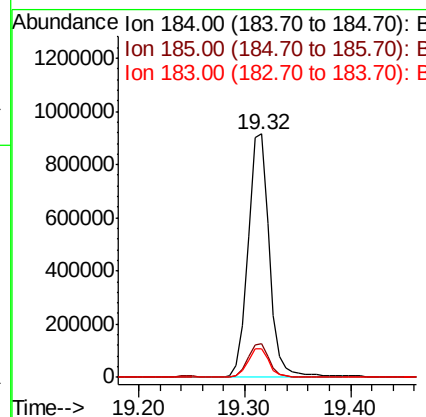
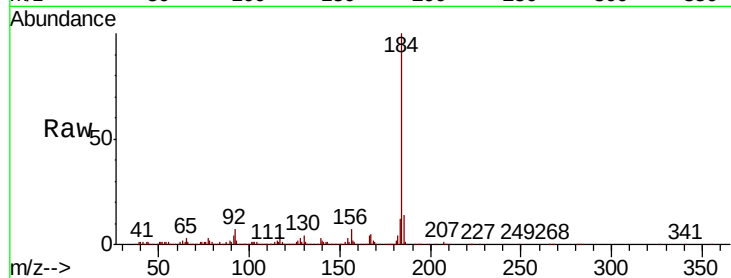




#77
Benzidine
Concen: 29.696 ng
RT: 19.32 min Scan# 2776
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

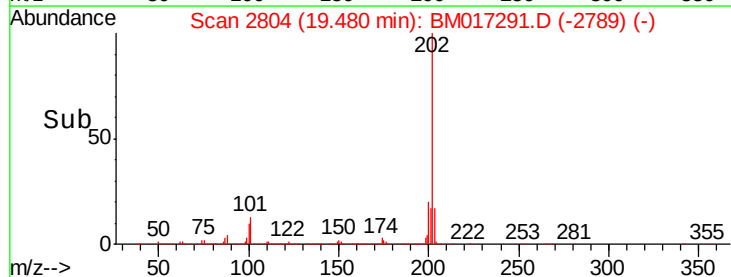
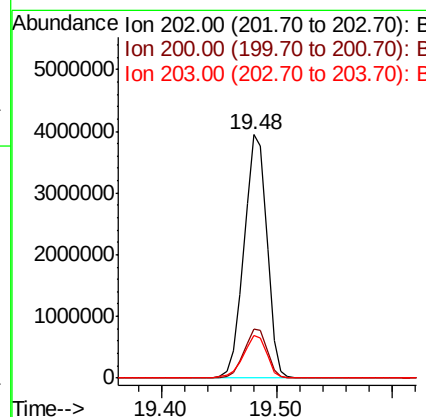
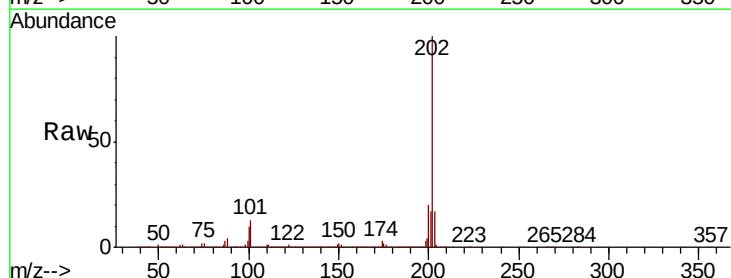
Instrument :
BNA_M
ClientSampleId :

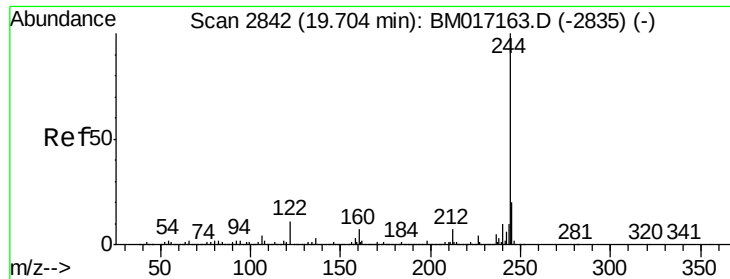
Tot Ion:184 Resp: 1274119
Ion Ratio Lower Upper
184 100
185 13.8 11.8 17.8
183 11.7 9.7 14.5



#78
Pyrene
Concen: 57.141 ng
RT: 19.48 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion:202 Resp: 5403991
Ion Ratio Lower Upper
202 100
200 20.2 16.3 24.5
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 87.003 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

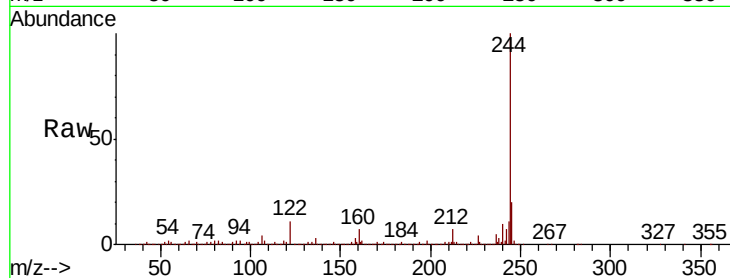
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 6531380

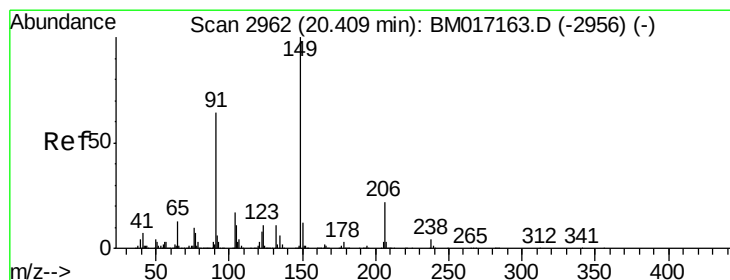
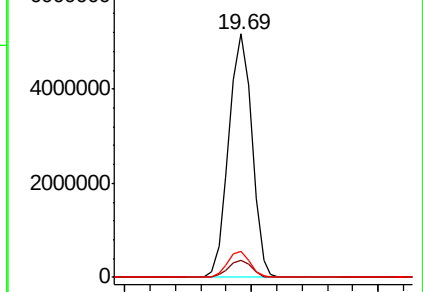
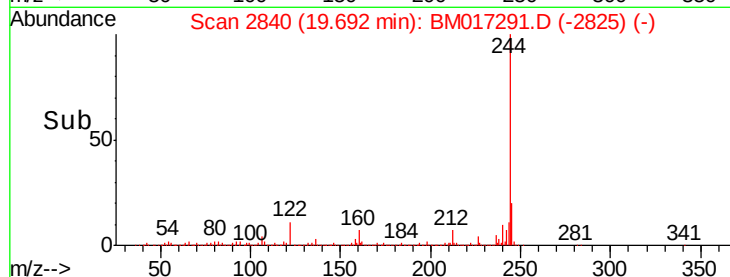
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	10.8	8.4	12.6



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: 63.943 ng

RT: 20.39 min Scan# 2959

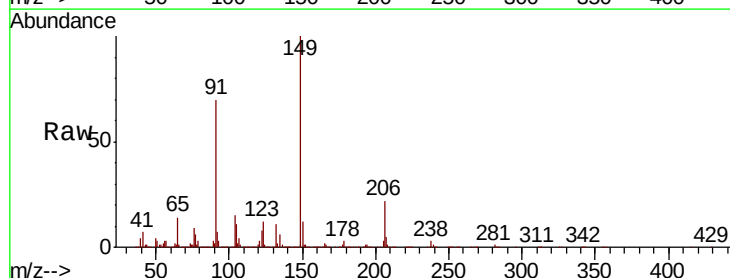
Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Tgt Ion:149 Resp: 2402025

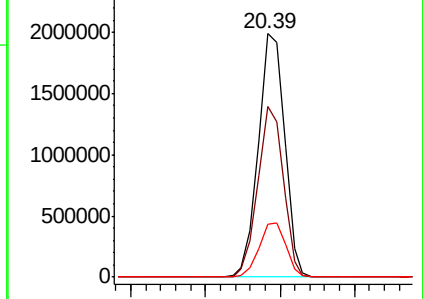
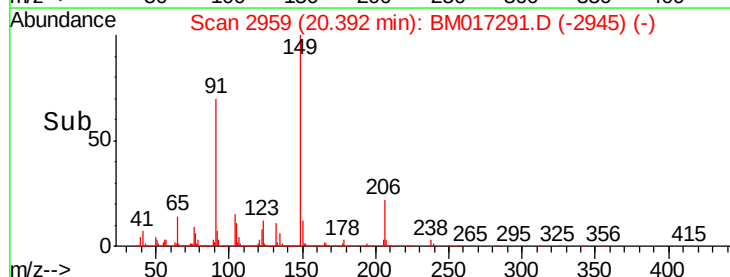
Ion	Ratio	Lower	Upper
149	100		
91	69.9	51.3	76.9
206	21.8	18.0	27.0

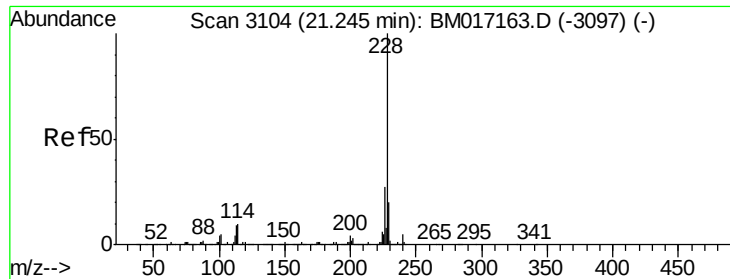


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 54.246 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

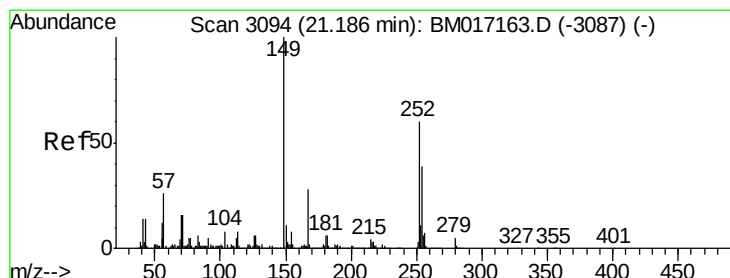
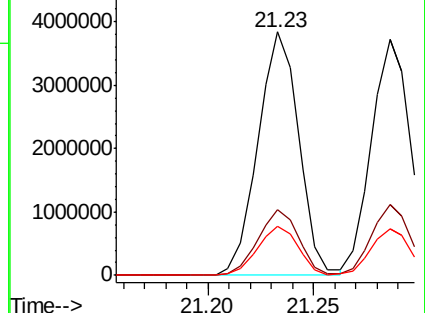
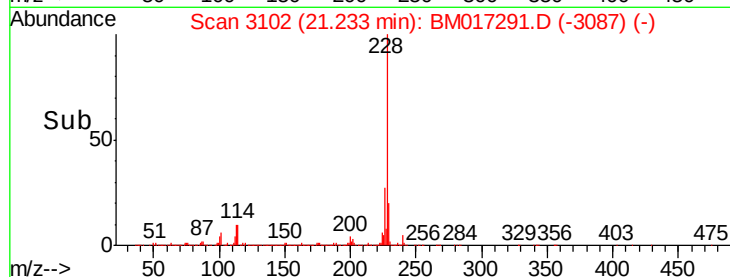
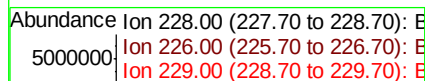
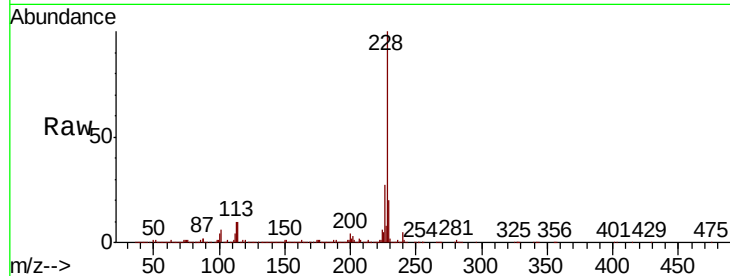
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 5165407

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.4	32.0
229	19.9	15.9	23.9



#82

3,3'-Dichlorobenzidine

Concen: 28.537 ng

RT: 21.17 min Scan# 3092

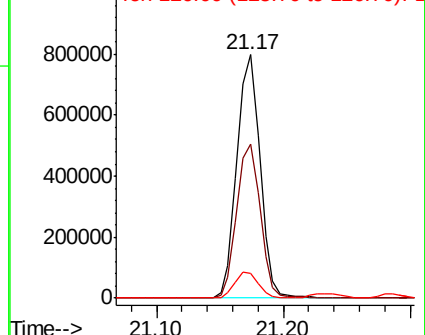
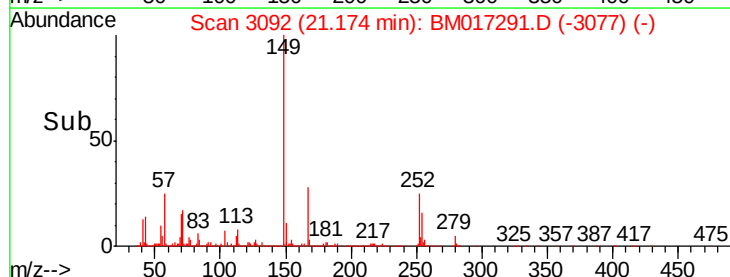
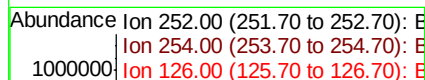
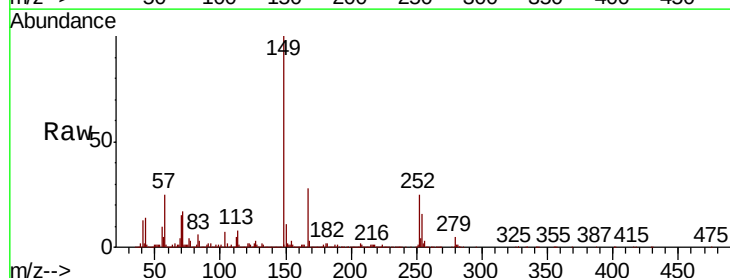
Delta R.T. -0.01 min

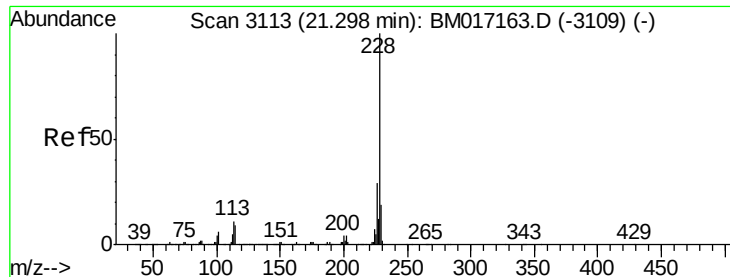
Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Tgt Ion:252 Resp: 1012764

Ion	Ratio	Lower	Upper
252	100		
254	63.3	52.1	78.1
126	9.9	8.6	12.8





#83

Chrysene

Concen: 51.005 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

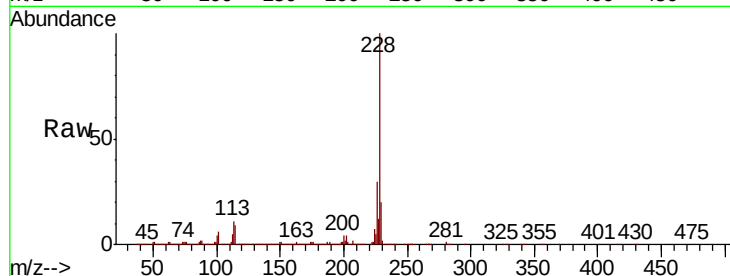
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 4807257

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.3	34.9
229	19.8	15.6	23.4

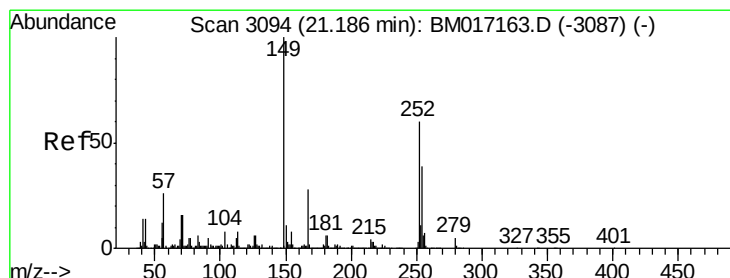
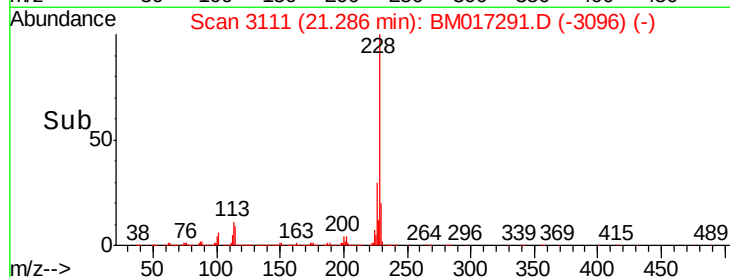
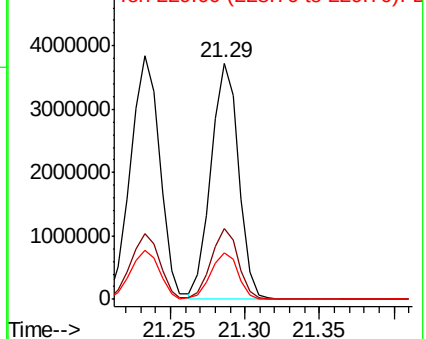


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.823 ng

RT: 21.17 min Scan# 3092

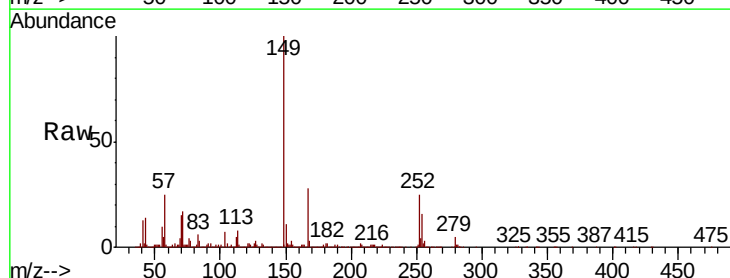
Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Tgt Ion:149 Resp: 3436768

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.2	33.4
279	4.6	3.6	5.4

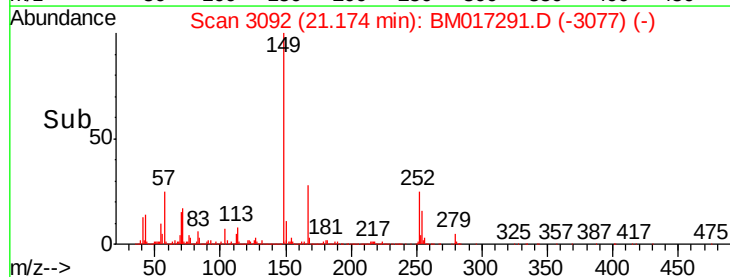
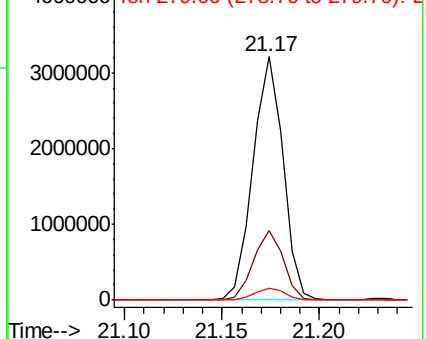


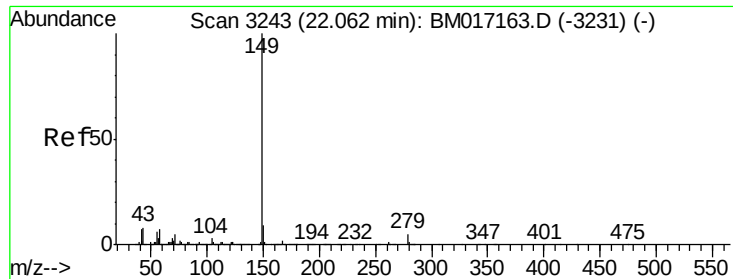
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

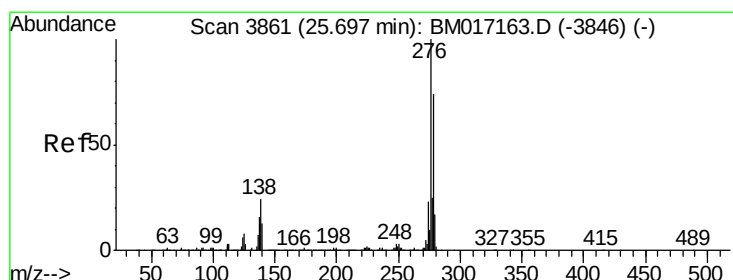
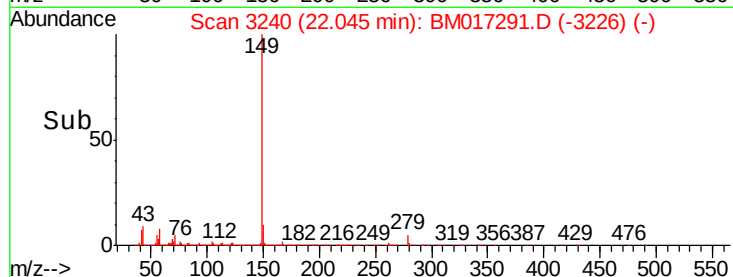
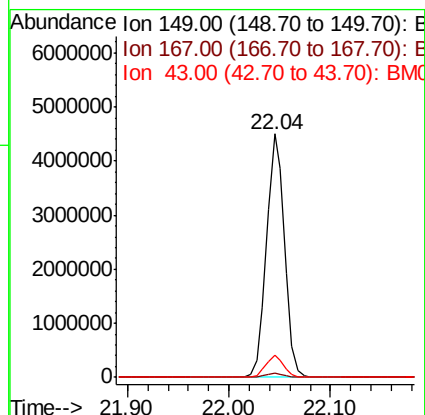
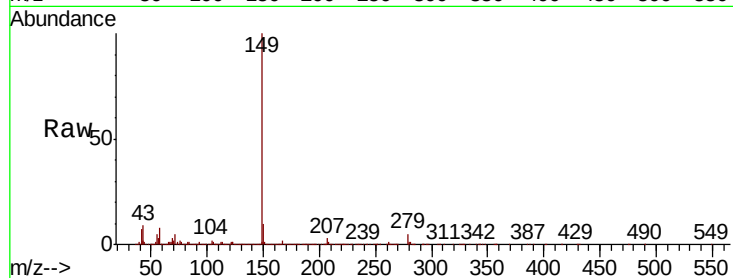




#85
Di-n-octyl phthalate
Concen: 58.501 ng
RT: 22.04 min Scan# 3240
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

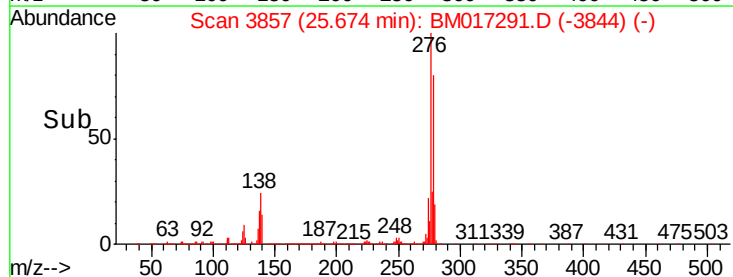
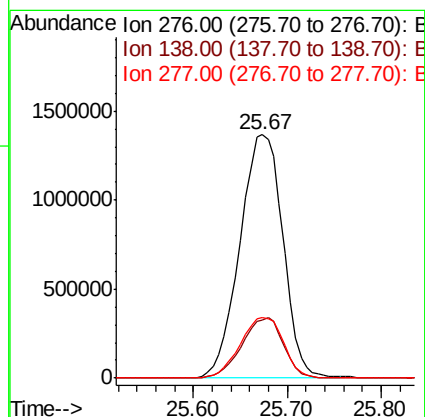
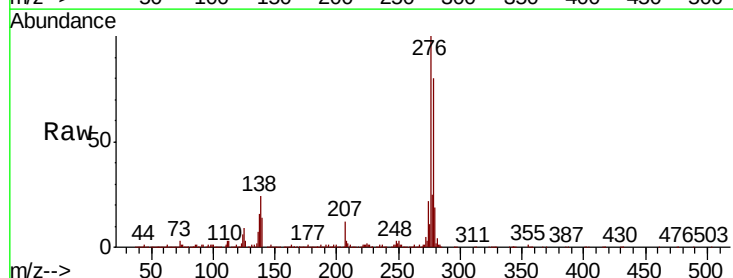
Instrument :
BNA_M
ClientSampleId :

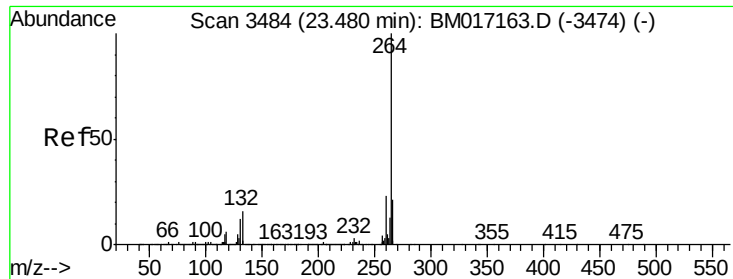
Tot Ion:149 Resp: 5585627
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.7 7.2 10.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.054 ng
RT: 25.67 min Scan# 3857
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion:276 Resp: 4327758
Ion Ratio Lower Upper
276 100
138 23.9 19.5 29.3
277 25.1 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3480

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

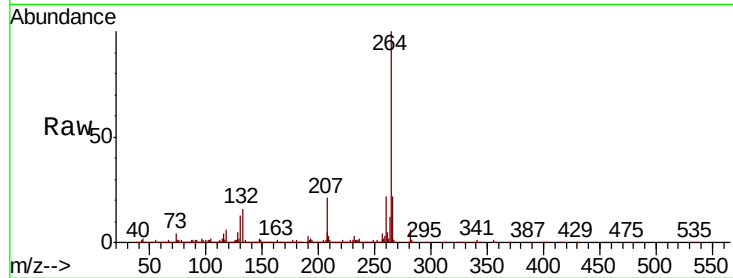
Instrument :

BNA_M

ClientSampled :

Tot Ion:264 Resp: 1427914

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.6	27.8
265	21.7	17.8	26.8

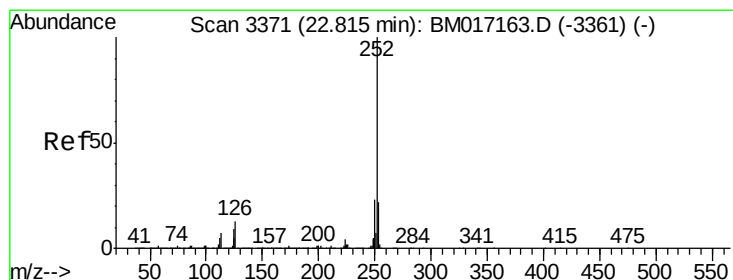
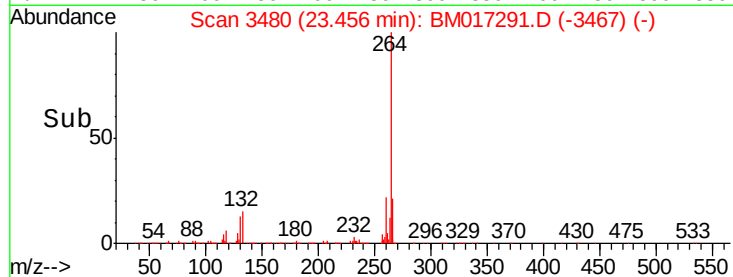
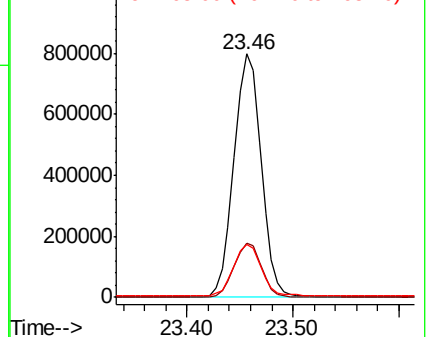


Abundance

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: 57.949 ng

RT: 22.80 min Scan# 3368

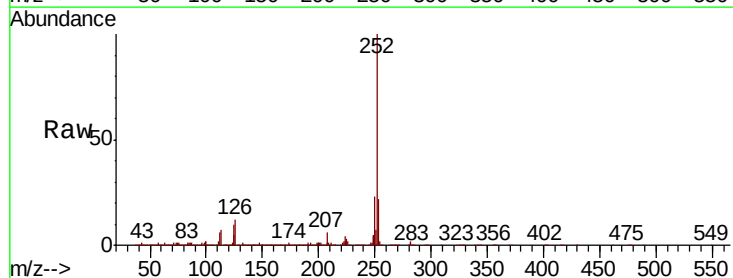
Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Tgt Ion:252 Resp: 4524061

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.0	7.5	11.3

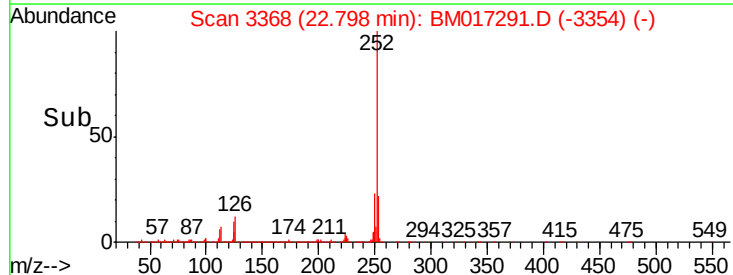
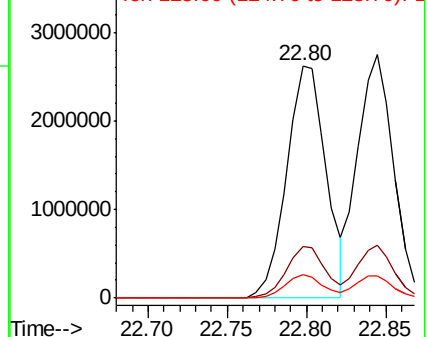


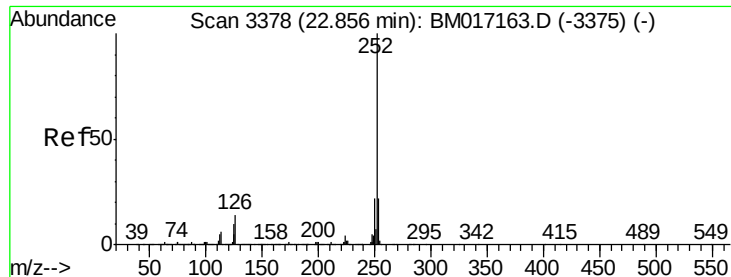
Abundance

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: 55.002 ng

RT: 22.84 min Scan# 3376

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampleId :

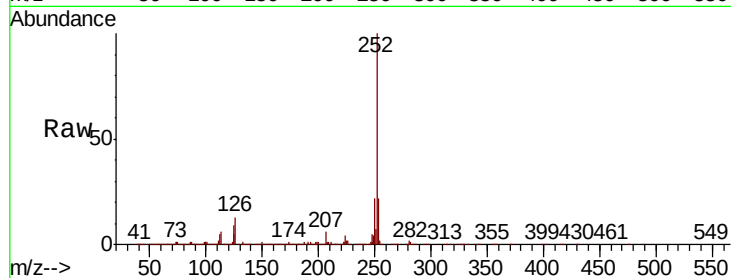
Tot Ion:252 Resp: 4308682

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

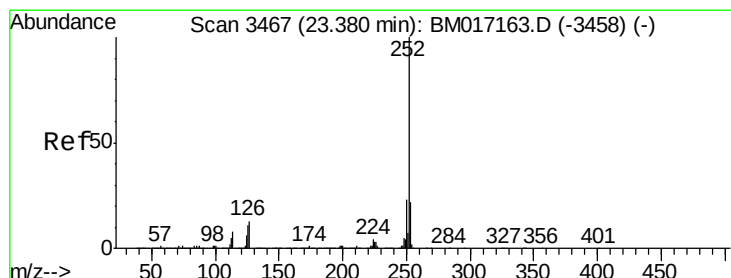
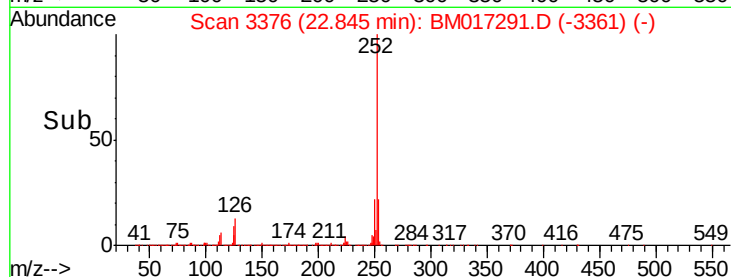
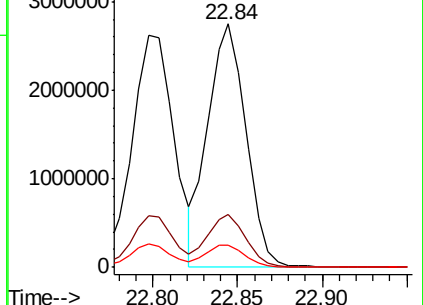
125 9.3 8.2 12.2



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: 55.032 ng

RT: 23.37 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

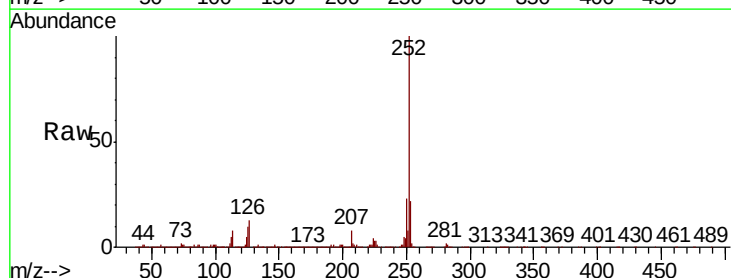
Tgt Ion:252 Resp: 4079236

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

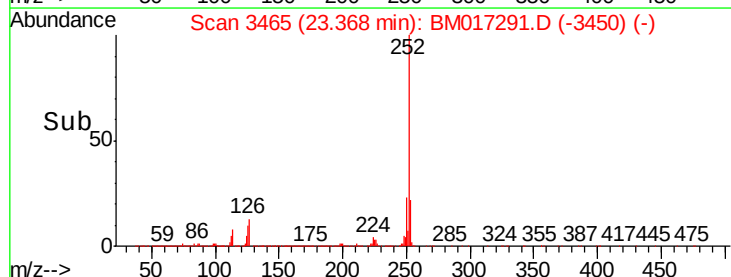
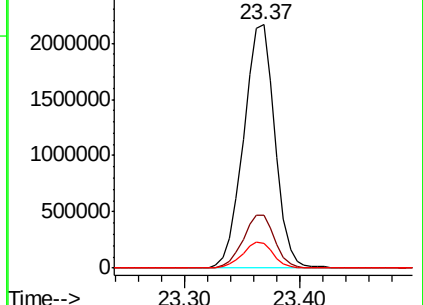
125 10.0 8.6 13.0

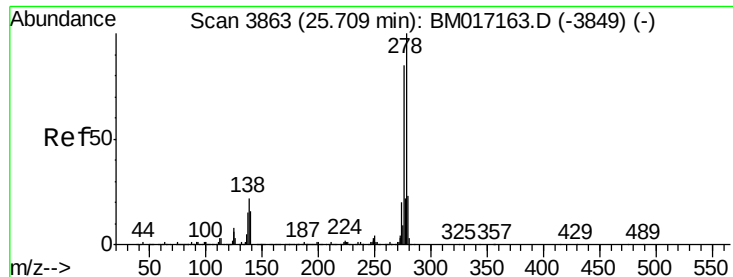


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.801 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

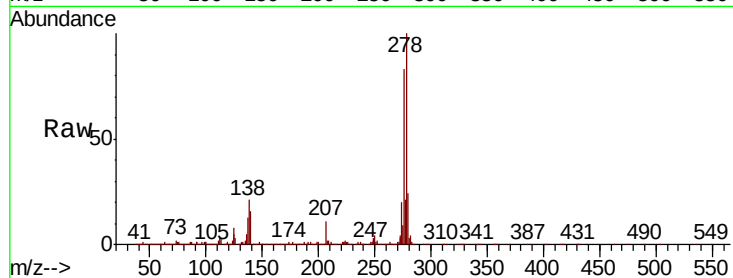
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 3665506

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.7	19.1
279	23.9	18.7	28.1

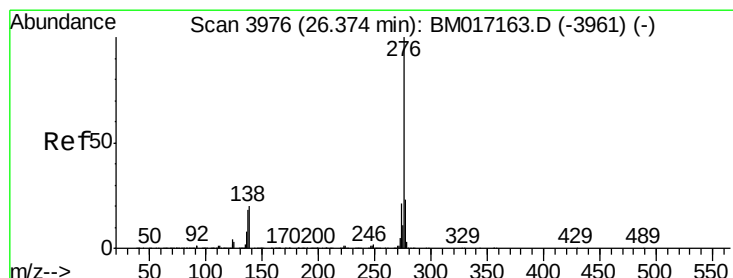
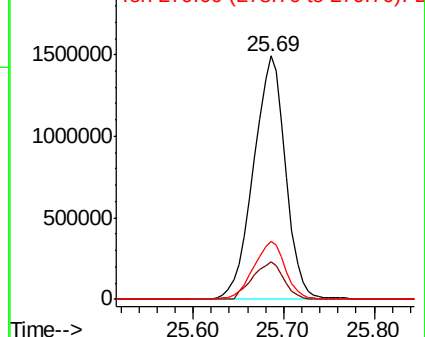
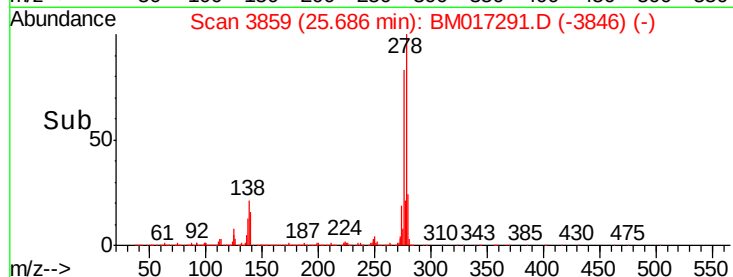


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.667 ng

RT: 26.35 min Scan# 3972

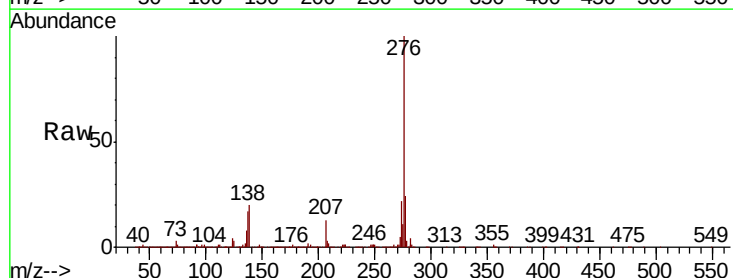
Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Tgt Ion:276 Resp: 3623181

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	20.0	16.4	24.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

