

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101818\
 Data File : BM017196.D
 Acq On : 18 Oct 2018 17:10
 Operator : MJ/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 19 09:36:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	199734	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	873079	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	518085	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1235665	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1434973	20.00	ng	0.00
87) Perylene-d12	23.47	264	1478379	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	943337	79.88	ng	0.00
7) Phenol-d6	6.85	99	1282010	79.71	ng	0.00
23) Nitrobenzene-d5	8.83	82	1289024	86.35	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	604979	86.35	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3107879	79.82	ng	0.00
79) Terphenyl-d14	19.70	244	5181211	81.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	228206	37.843	ng	# 87
3) Pyridine	3.65	79	564446	40.680	ng	# 86
4) n-Nitrosodimethylamine	3.56	42	221917	39.841	ng	# 71
6) Aniline	7.01	93	797767	39.656	ng	97
8) 2-Chlorophenol	7.24	128	551285	40.352	ng	97
9) Benzaldehyde	6.83	77	389568	37.988	ng	92
10) Phenol	6.87	94	682234	39.413	ng	97
11) bis(2-Chloroethyl)ether	7.11	93	534191	38.713	ng	98
12) 1,3-Dichlorobenzene	7.56	146	627422	39.396	ng	96
13) 1,4-Dichlorobenzene	7.70	146	640718	39.377	ng	98
14) 1,2-Dichlorobenzene	8.02	146	618072	39.425	ng	99
15) Benzyl Alcohol	7.92	79	507859	43.199	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	715049	37.091	ng	99
17) 2-Methylphenol	8.11	107	449392	40.448	ng	96
18) Hexachloroethane	8.73	117	224091	40.243	ng	96
19) n-Nitroso-di-n-propylamine	8.48	70	452070	42.687	ng	98
20) 3+4-Methylphenols	8.44	107	627179	41.272	ng	98
22) Acetophenone	8.49	105	864931	39.081	ng	98
24) Nitrobenzene	8.87	77	652013	41.291	ng	93
25) Isophorone	9.39	82	1017922	41.294	ng	97
26) 2-Nitrophenol	9.57	139	296600	41.069	ng	93
27) 2,4-Dimethylphenol	9.63	122	448249	41.124	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	689950	39.766	ng	99
29) 2,4-Dichlorophenol	10.10	162	531044	41.961	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	607529	40.017	ng	99
31) Naphthalene	10.50	128	1676983	39.195	ng	100
32) Benzoic acid	9.77	122	371890	45.727	ng	91
33) 4-Chloroaniline	10.62	127	753903	40.798	ng	97
34) Hexachlorobutadiene	10.78	225	386108	40.138	ng	98
35) Caprolactam	11.40	113	190249	41.249	ng	97
36) 4-Chloro-3-methylphenol	11.74	107	611329	42.854	ng	95
37) 2-Methylnaphthalene	12.12	142	1203022	41.089	ng	98
38) 1-Methylnaphthalene	12.33	142	1165775	40.909	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	722842	39.618	ng	99

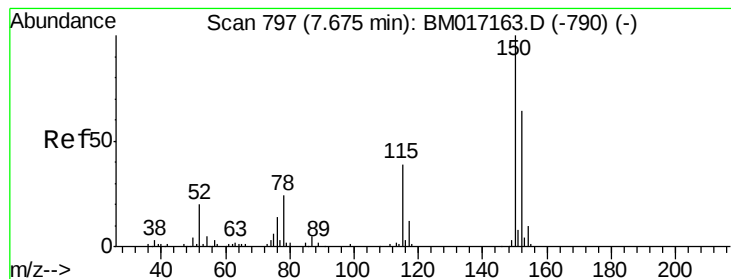
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101818\
 Data File : BM017196.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	406234	46.056	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	457102	43.158	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	489182	43.071	ng	97
46) 1,1'-Biphenyl	13.14	154	1845219	39.578	ng	99
47) 2-Chloronaphthalene	13.18	162	1369192	39.920	ng	99
48) 2-Nitroaniline	13.39	65	405327	42.561	ng	98
49) Acenaphthylene	14.03	152	2063040	41.497	ng	99
50) Dimethylphthalate	13.78	163	1687090	42.208	ng	100
51) 2,6-Dinitrotoluene	13.90	165	373199	42.422	ng	97
52) Acenaphthene	14.37	154	1262025	40.430	ng	98
53) 3-Nitroaniline	14.23	138	402384	42.232	ng	95
54) 2,4-Dinitrophenol	14.43	184	203231	43.555	ng	93
55) Dibenzofuran	14.72	168	2077064	40.013	ng	98
56) 4-Nitrophenol	14.54	139	331278	40.617	ng	93
57) 2,4-Dinitrotoluene	14.69	165	512120	43.312	ng	99
58) Fluorene	15.36	166	1569462	40.847	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	447700	43.245	ng	96
60) Diethylphthalate	15.15	149	1733735	43.738	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	898978	41.041	ng	96
62) 4-Nitroaniline	15.40	138	432854	41.430	ng	93
63) Azobenzene	15.66	77	1612464	41.851	ng	97
65) 4,6-Dinitro-2-methylphenol	15.45	198	325972	42.090	ng	94
66) n-Nitrosodiphenylamine	15.58	169	1526180	40.824	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	564845	41.632	ng	96
68) Hexachlorobenzene	16.37	284	620553	39.375	ng	98
69) Atrazine	16.54	200	557743	41.684	ng	99
70) Pentachlorophenol	16.72	266	452626	41.924	ng	98
71) Phenanthrene	17.10	178	2625802	39.386	ng	100
72) Anthracene	17.19	178	2578882	40.711	ng	99
73) Carbazole	17.47	167	2638569	40.776	ng	99
74) Di-n-butylphthalate	18.04	149	2916723	42.736	ng	100
75) Fluoranthene	19.13	202	3084412	41.115	ng	100
77) Benzidine	19.32	184	1651515	45.389	ng	98
78) Pyrene	19.49	202	3257882	40.621	ng	100
80) Butylbenzylphthalate	20.40	149	1339593	44.508	ng	97
81) Benzo(a)anthracene	21.24	228	3273247	40.535	ng	100
82) 3,3'-Dichlorobenzidine	21.18	252	1291492	42.912	ng	98
83) Chrysene	21.29	228	3167681	39.632	ng	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	1966375	42.763	ng	100
85) Di-n-octyl phthalate	22.06	149	3223056	41.586	ng	100
86) Indeno(1,2,3-cd)pyrene	25.69	276	3605333	40.329	ng	98
88) Benzo(b)fluoranthene	22.81	252	3322451	41.105	ng	100
89) Benzo(k)fluoranthene	22.85	252	3133799	38.639	ng	99
90) Benzo(a)pyrene	23.37	252	3082853	40.171	ng	99
91) Dibenzo(a,h)anthracene	25.70	278	3068560	40.268	ng	98
92) Benzo(g,h,i)perylene	26.36	276	3005392	39.792	ng	98

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

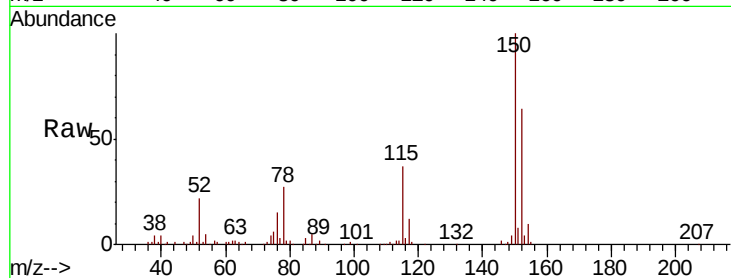


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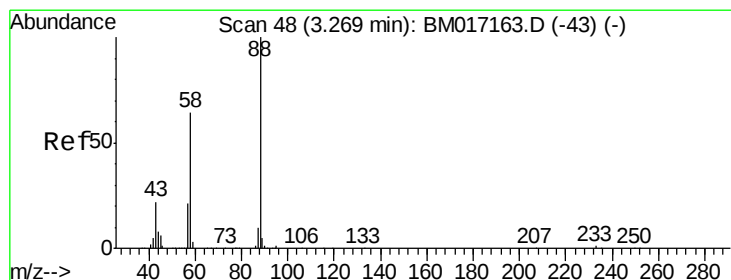
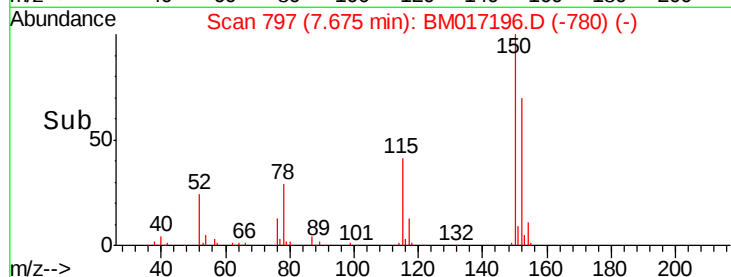
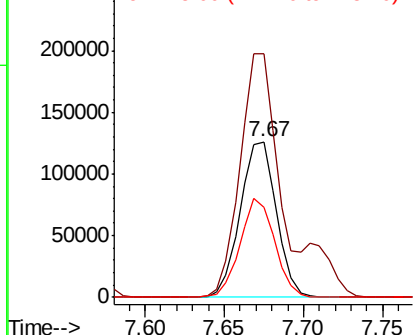
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.00 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 199734
Ion Ratio Lower Upper
152 100
150 156.4 124.3 186.5
115 58.2 48.1 72.1



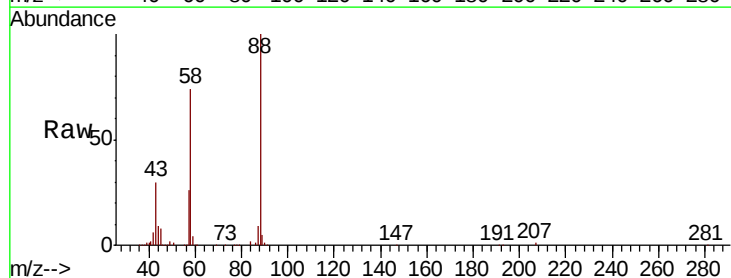
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



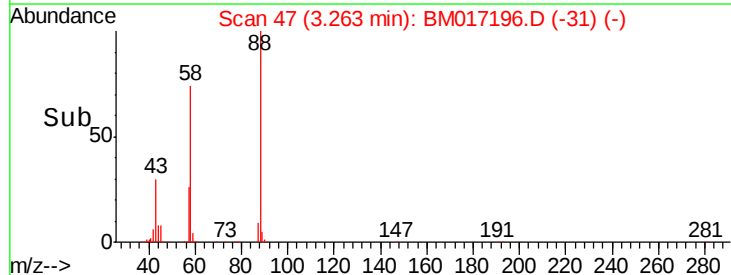
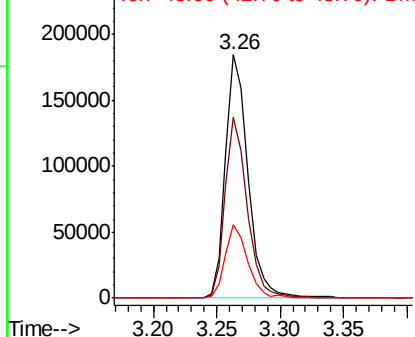
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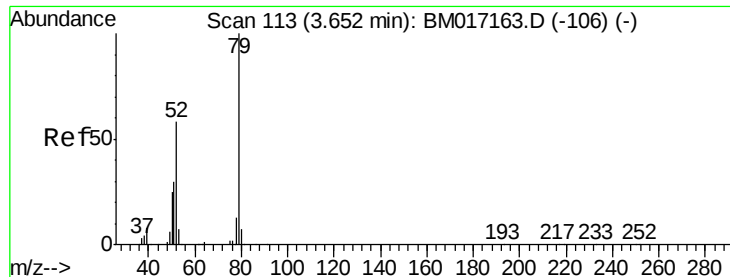
1,4-Dioxane
Concen: 37.843 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Tgt Ion: 88 Resp: 228206
Ion Ratio Lower Upper
88 100
58 73.1 50.2 75.4
43 30.2 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: 40.680 ng

RT: 3.65 min Scan# 113

Delta R.T. -0.00 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

Instrument :

BNA_M

ClientSampleId :

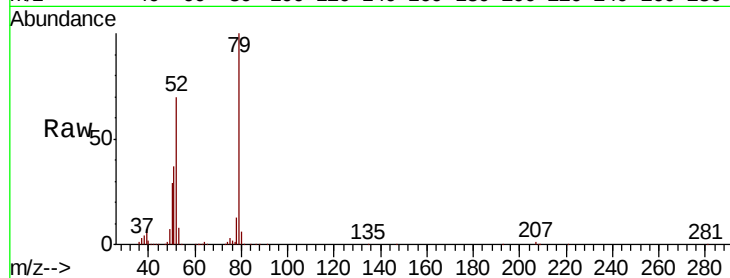
Tot Ion: 79 Resp: 564446

Ion Ratio Lower Upper

79 100

52 69.8 46.5 69.7#

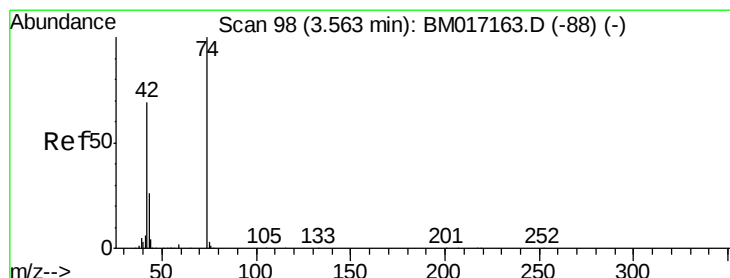
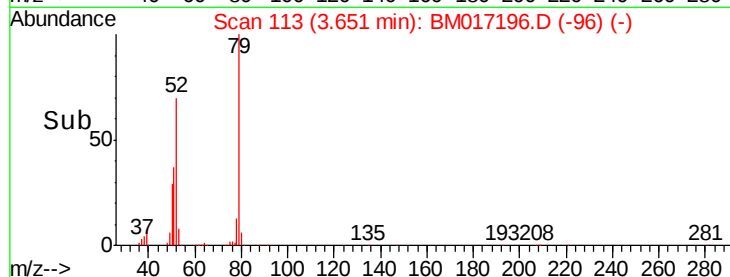
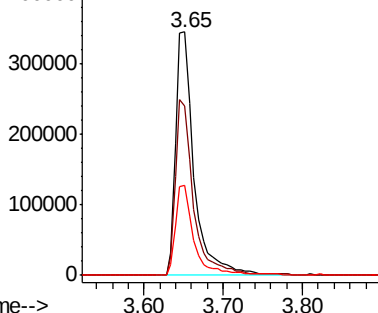
51 36.8 24.6 37.0



Abundance Ion 79.00 (78.70 to 79.70): BM017196.D (-96) (-)

Ion 52.00 (51.70 to 52.70): BM017196.D (-96) (-)

Ion 51.00 (50.70 to 51.70): BM017196.D (-96) (-)



#4

n-Nitrosodimethylamine

Concen: 39.841 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.00 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

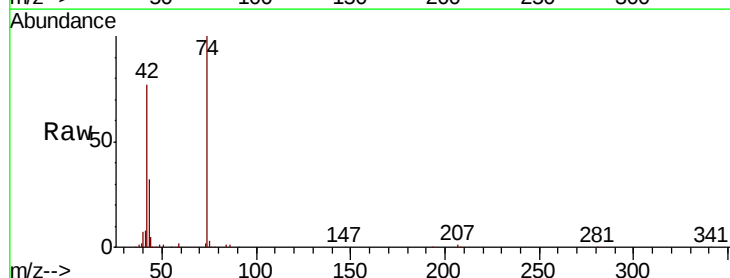
Tgt Ion: 42 Resp: 221917

Ion Ratio Lower Upper

42 100

74 129.2 114.4 171.6

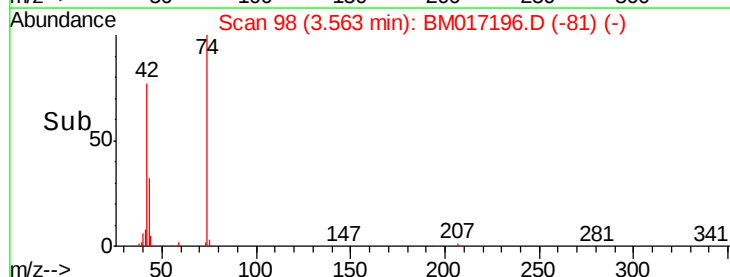
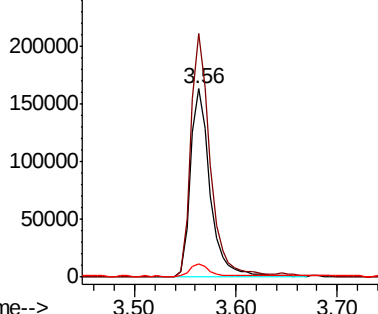
44 6.7 48.6 73.0#

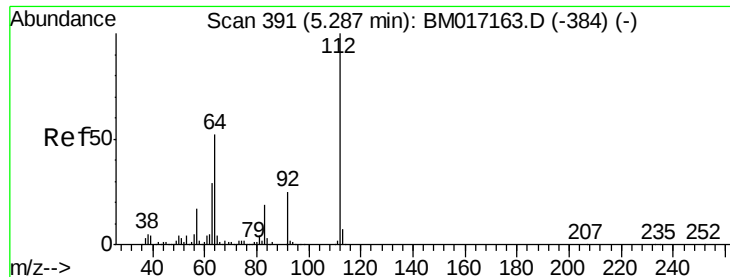


Abundance Ion 42.00 (41.70 to 42.70): BM017196.D (-81) (-)

Ion 74.00 (73.70 to 74.70): BM017196.D (-81) (-)

Ion 44.00 (43.70 to 44.70): BM017196.D (-81) (-)





#5

2-Fluorophenol

Concen: 79.881 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

Instrument :

BNA_M

ClientSampleId :

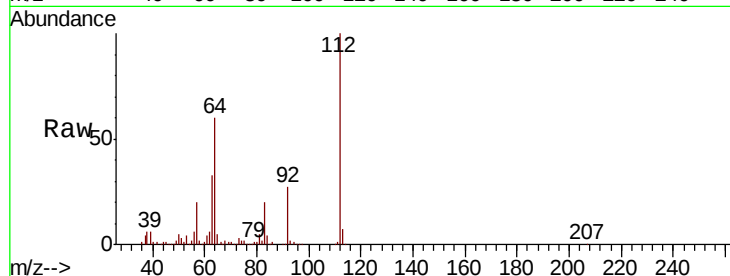
Tot Ion: 112 Resp: 943337

Ion Ratio Lower Upper

112 100

64 60.4 41.7 62.5

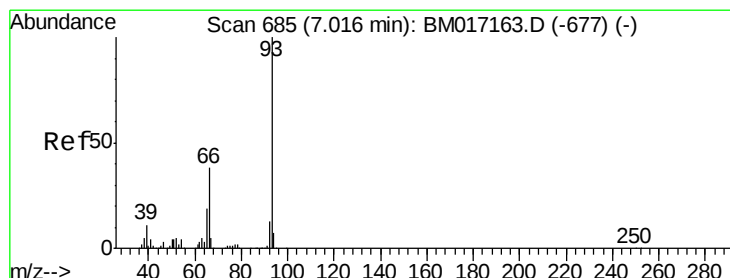
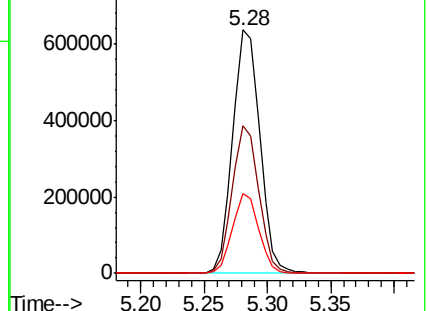
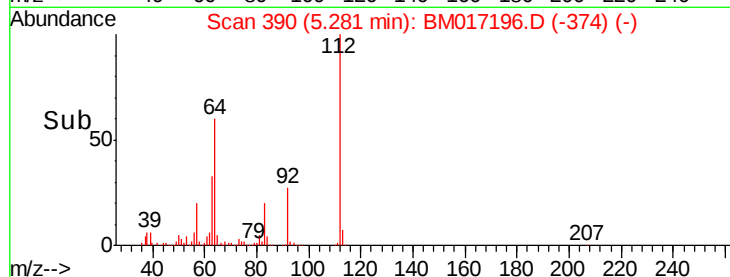
63 32.8 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 39.656 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

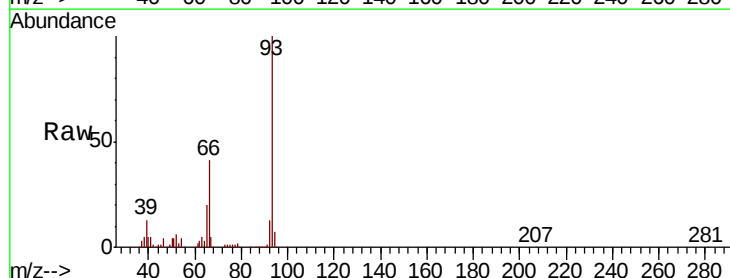
Tgt Ion: 93 Resp: 797767

Ion Ratio Lower Upper

93 100

66 40.6 30.4 45.6

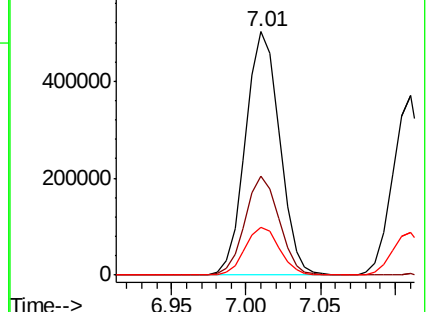
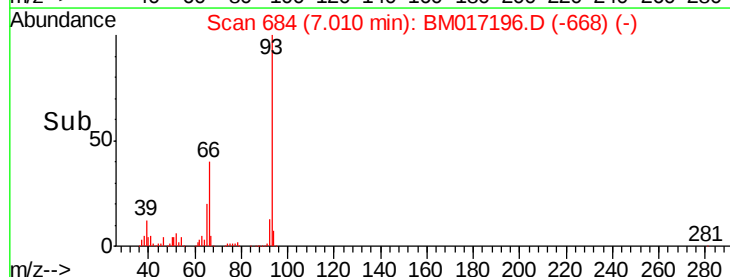
65 19.8 15.3 22.9

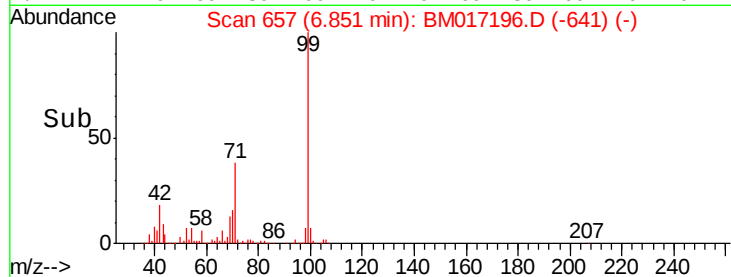
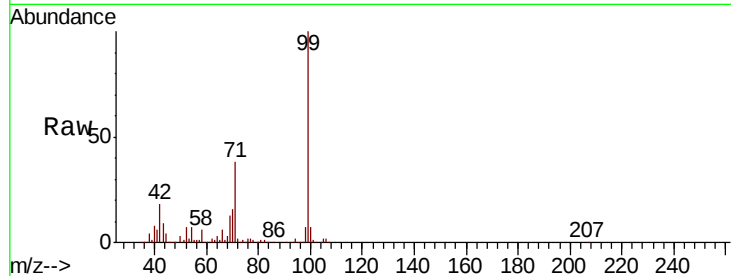
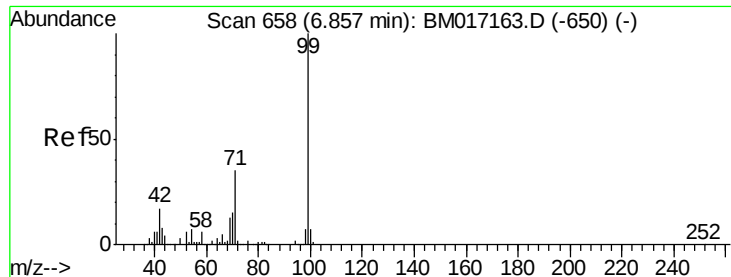


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 79.709 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

Instrument :

BNA_M

ClientSampled :

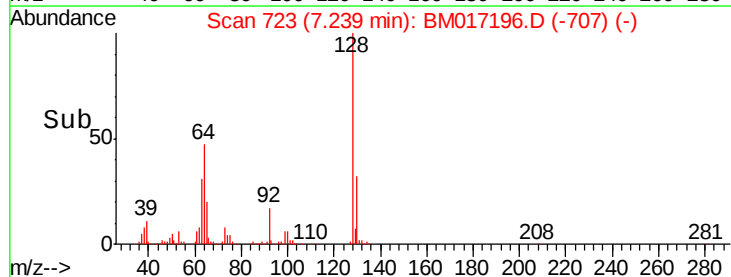
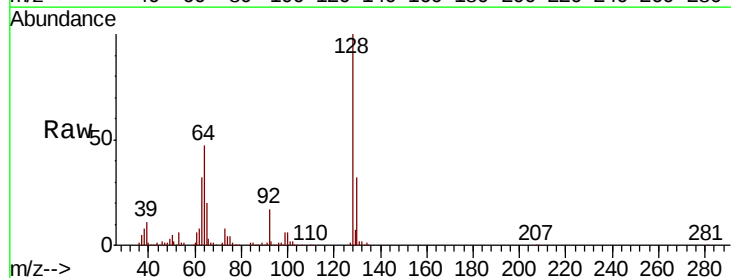
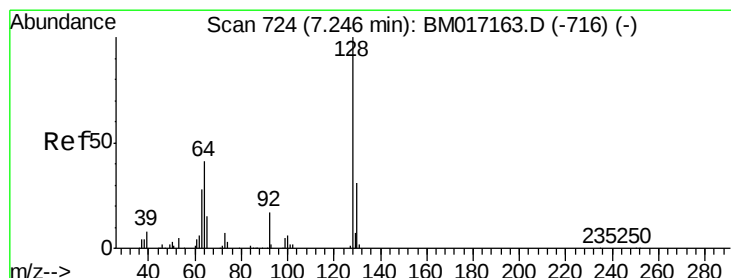
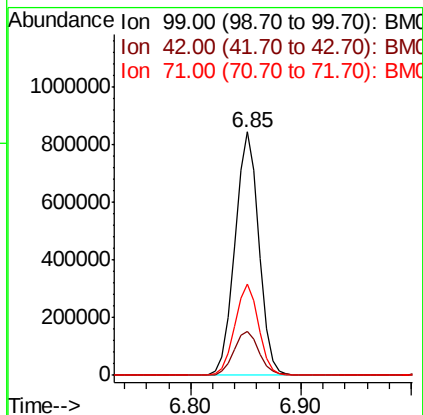
Tot Ion: 99 Resp: 1282010

Ion Ratio Lower Upper

99 100

42 18.2 13.3 19.9

71 37.5 28.0 42.0



#8

2-Chlorophenol

Concen: 40.352 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

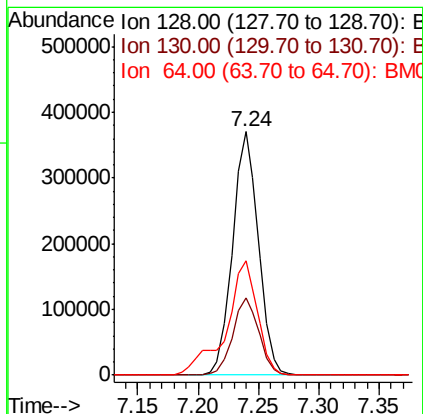
Tgt Ion: 128 Resp: 551285

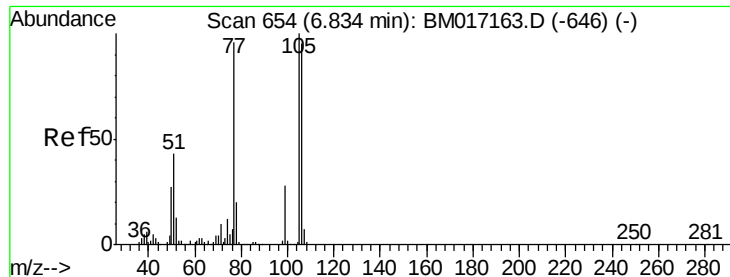
Ion Ratio Lower Upper

128 100

130 31.9 11.0 51.0

64 47.2 24.1 64.1





#9

Benzaldehyde

Concen: 37.988 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

Instrument :

BNA_M

ClientSampleId :

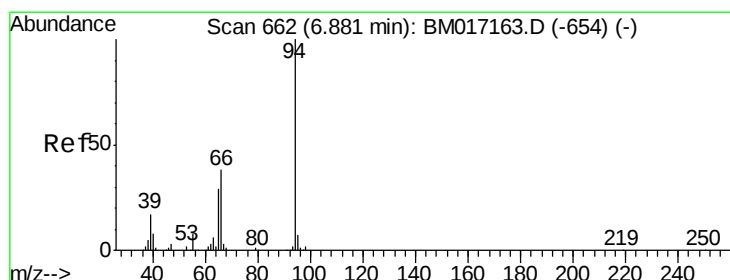
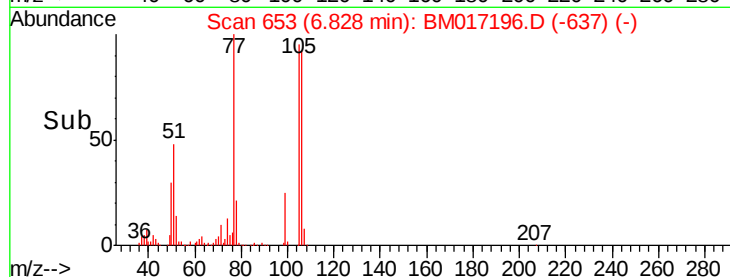
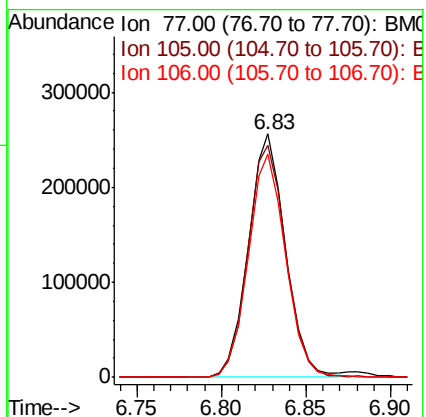
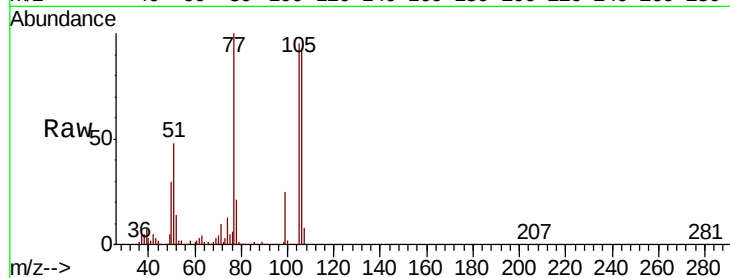
Tot Ion: 77 Resp: 389568

Ion Ratio Lower Upper

77 100

105 95.3 83.9 123.9

106 91.7 78.2 118.2



#10

Phenol

Concen: 39.413 ng

RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

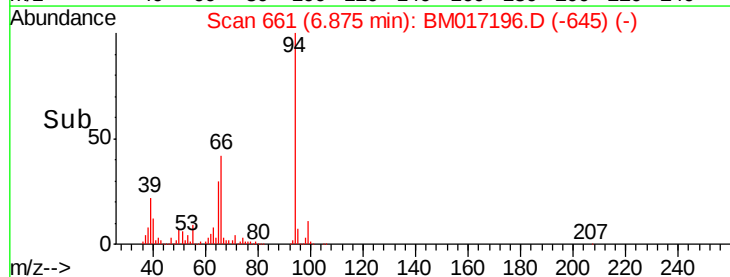
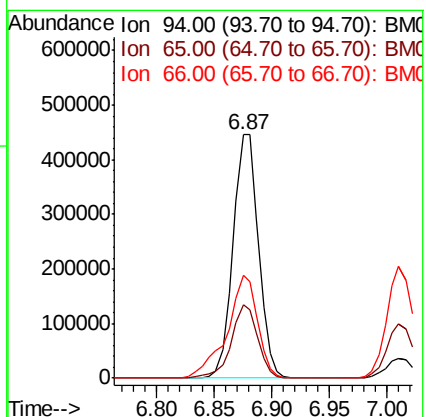
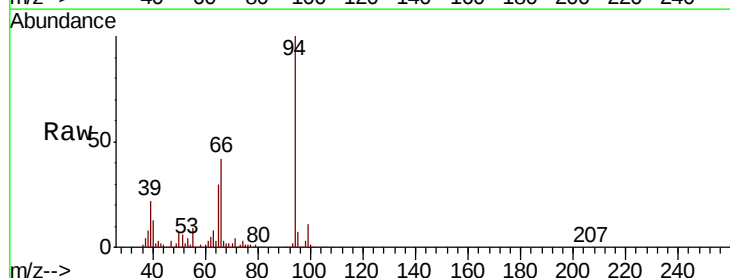
Tgt Ion: 94 Resp: 682234

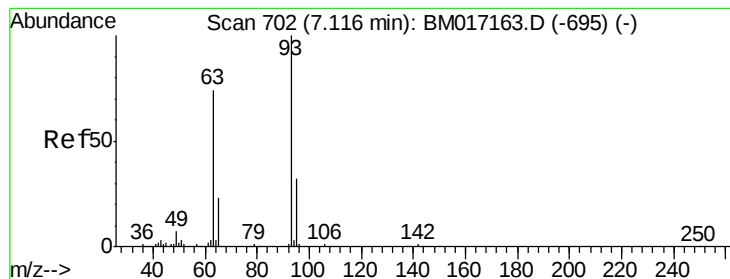
Ion Ratio Lower Upper

94 100

65 30.2 9.4 49.4

66 42.0 19.0 59.0

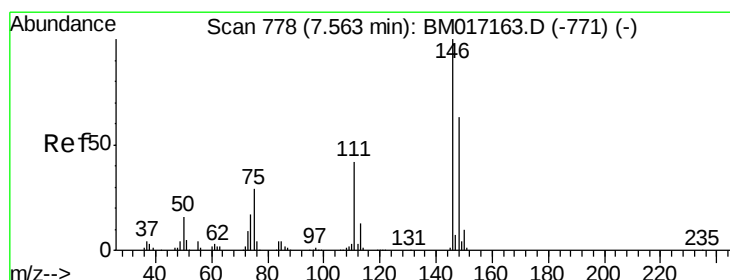
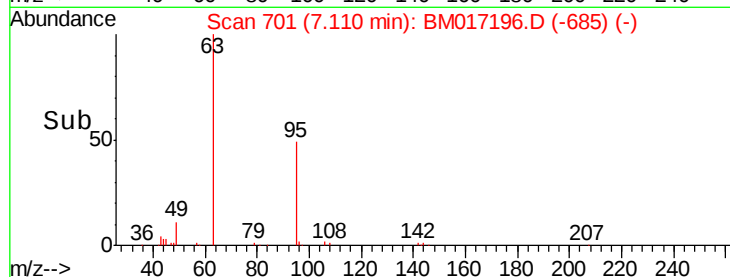
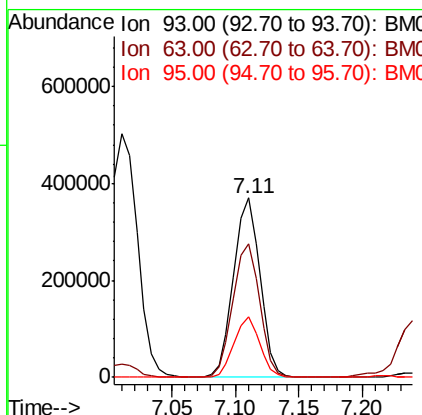
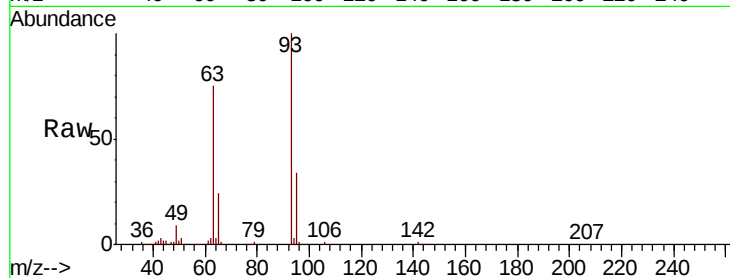




#11
bis(2-Chloroethyl)ether
Concen: 38.713 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

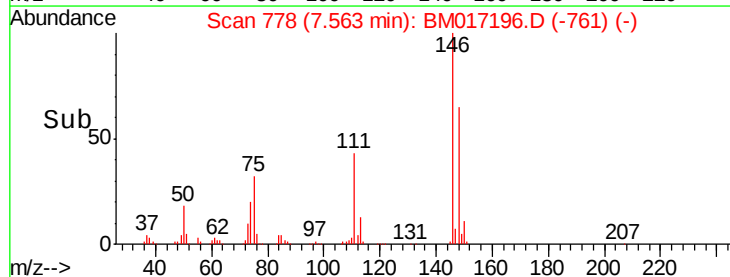
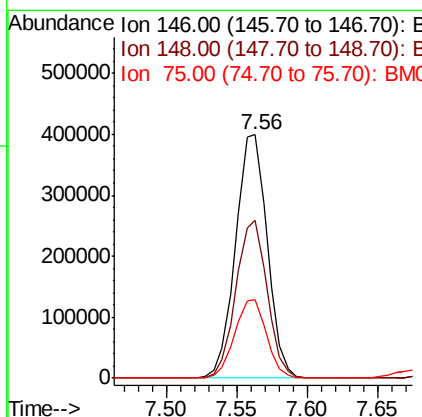
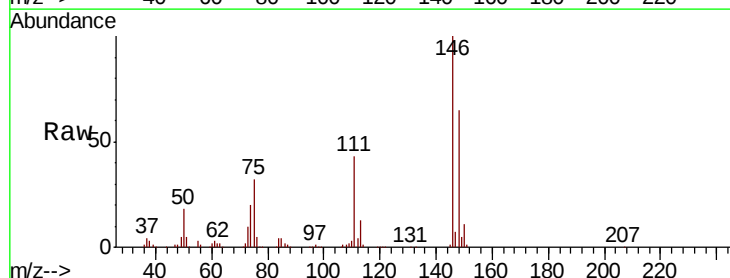
Instrument :
BNA_M
ClientSampleId :

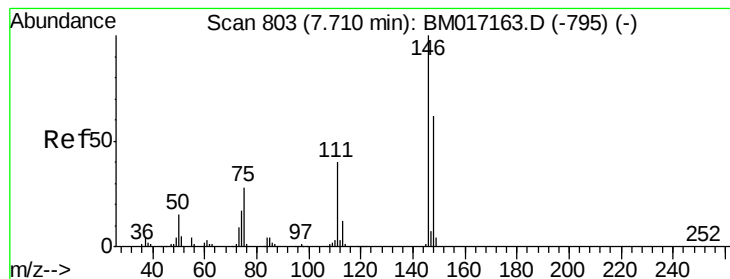
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.9	54.0	94.0
95	33.7	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 39.396 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.2	75.4
75	32.1	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 39.377 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

Instrument :

BNA_M

ClientSampled :

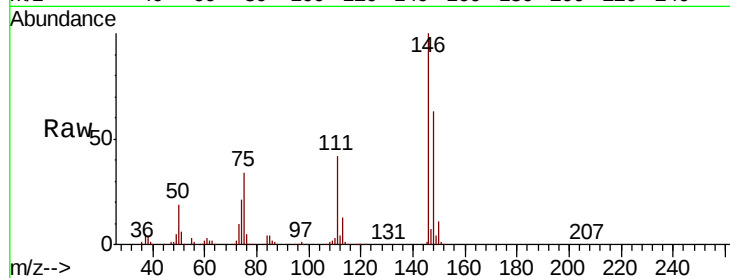
Tot Ion:146 Resp: 640718

Ion Ratio Lower Upper

146 100

148 63.4 49.8 74.6

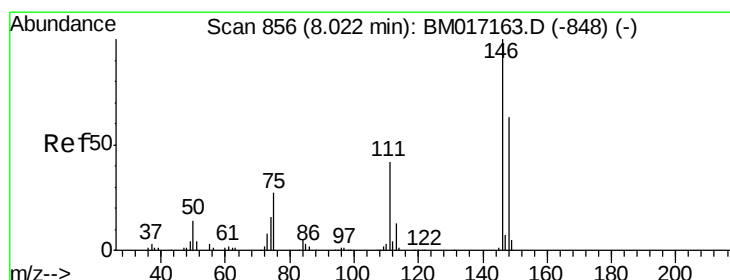
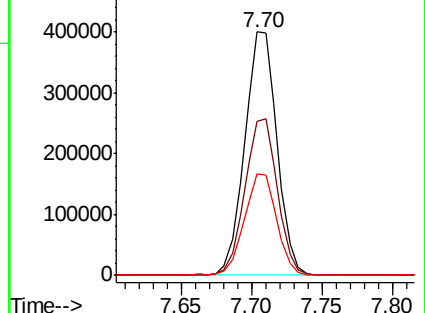
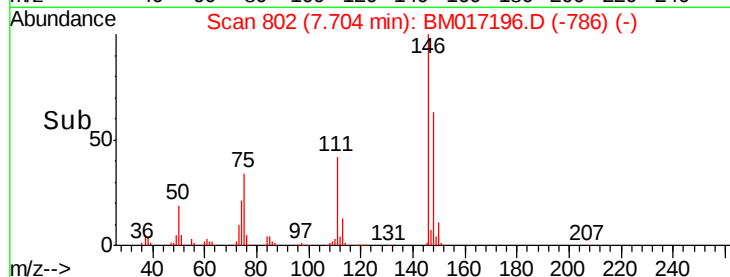
111 41.7 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.425 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

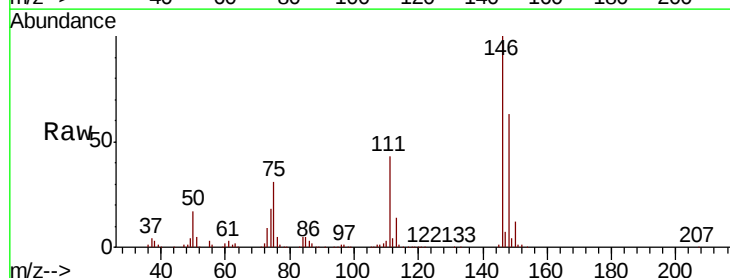
Tgt Ion:146 Resp: 618072

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

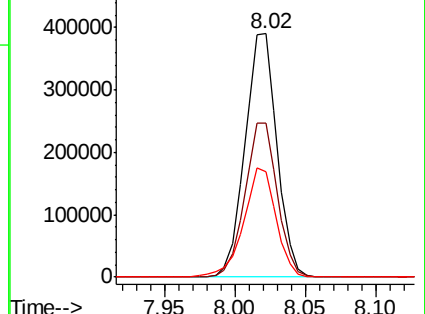
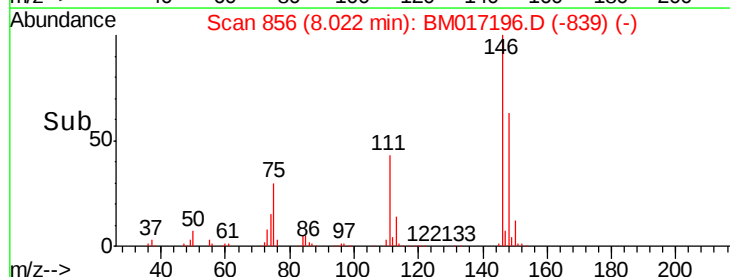
111 43.2 33.8 50.6

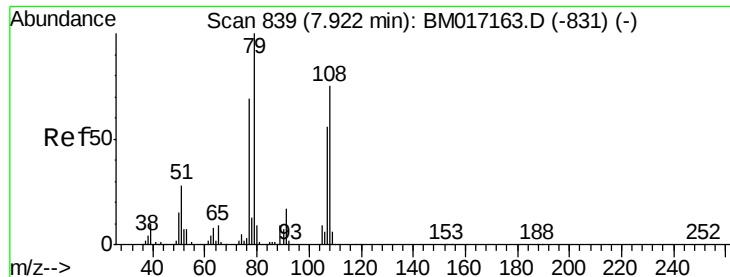


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.199 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

Instrument :

BNA_M

ClientSampleId :

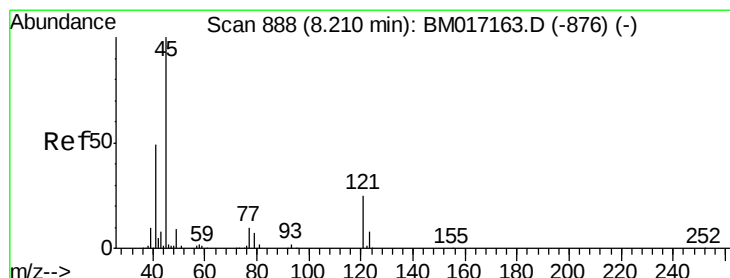
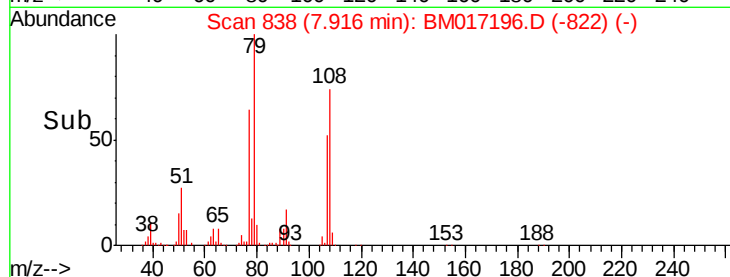
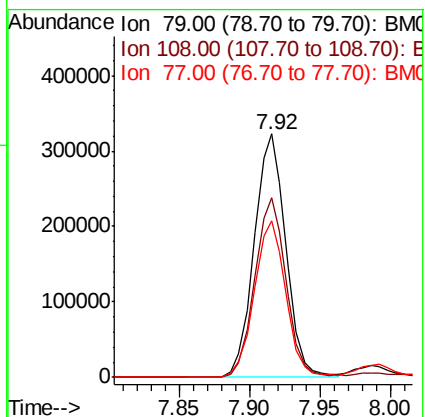
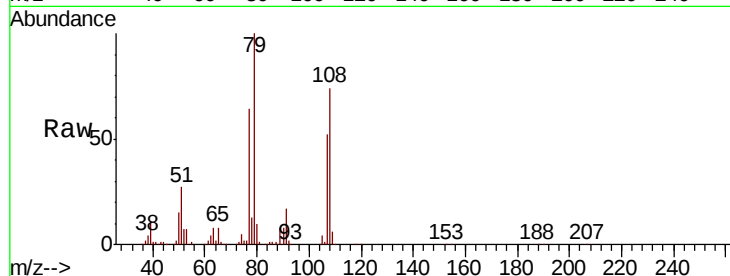
Tot Ion: 79 Resp: 507859

Ion Ratio Lower Upper

79 100

108 73.7 60.3 90.5

77 64.4 54.8 82.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.091 ng

RT: 8.20 min Scan# 887

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

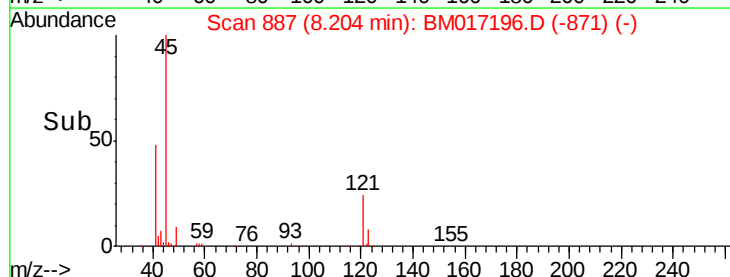
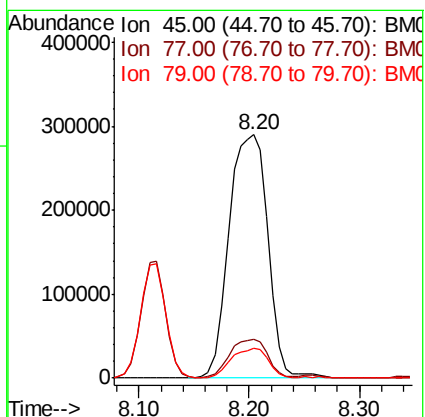
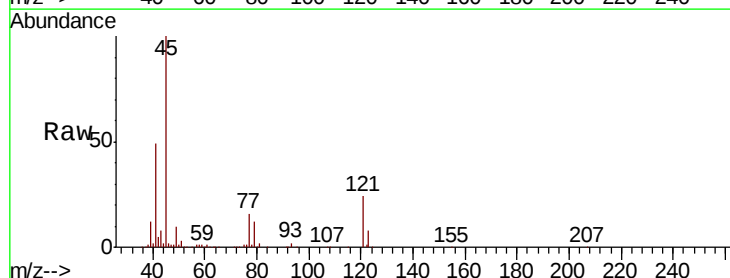
Tgt Ion: 45 Resp: 715049

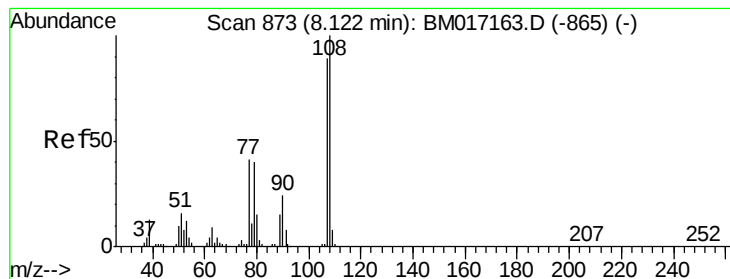
Ion Ratio Lower Upper

45 100

77 16.0 0.0 35.5

79 12.1 0.0 32.1

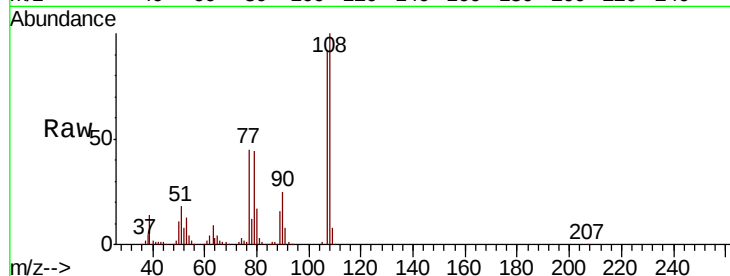




#17
2-Methylphenol
Concen: 40.448 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.8	90.3	135.5
77	48.6	37.0	55.4
79	47.9	35.8	53.6



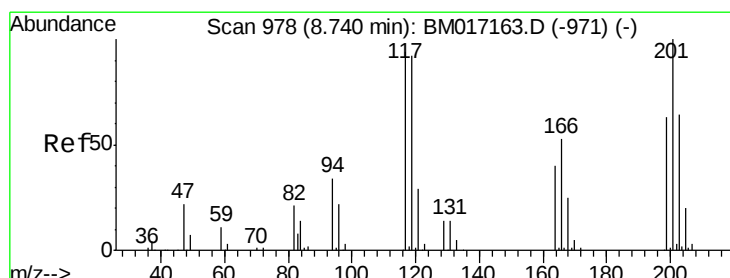
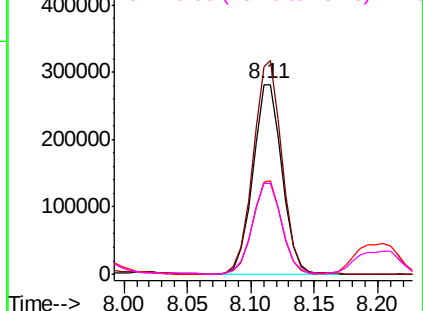
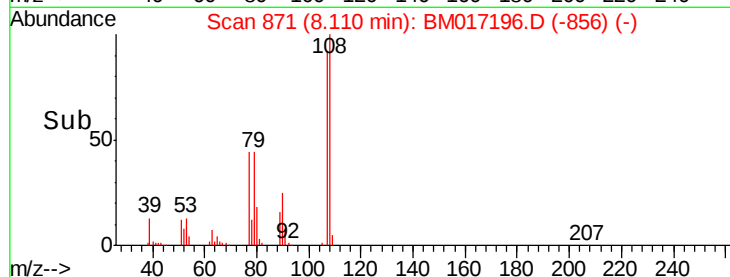
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

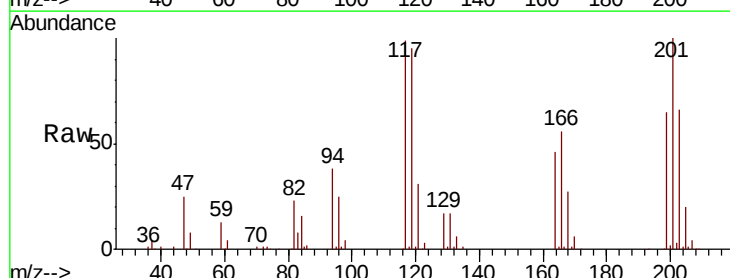
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 40.243 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.2	117.2
201	101.0	85.3	127.9

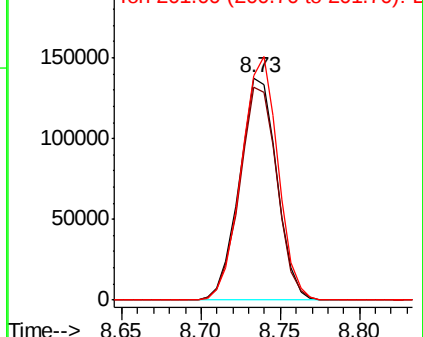
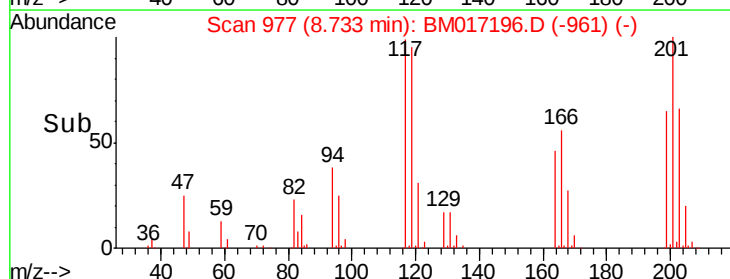


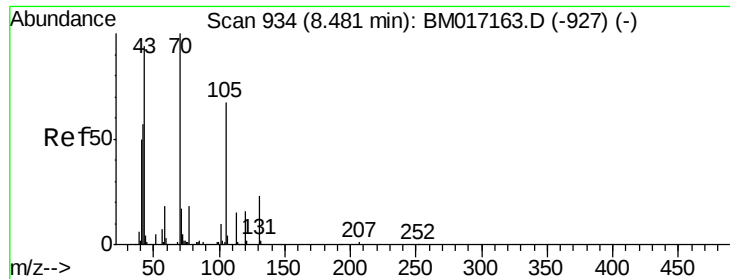
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

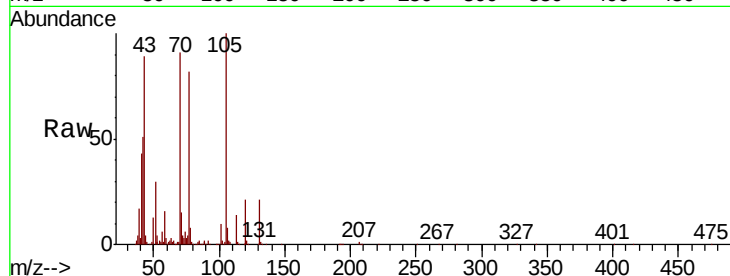




#19
n-Nitroso-di-n-propylamine
Concen: 42.687 ng
RT: 8.48 min Scan# 934
Delta R.T. -0.00 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.4	46.1	69.1	
101	10.6	8.2	12.4	
130	23.0	18.4	27.6	



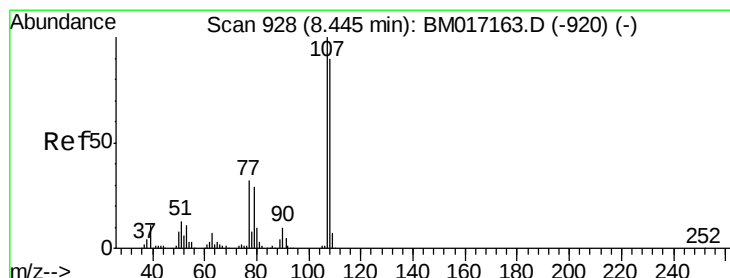
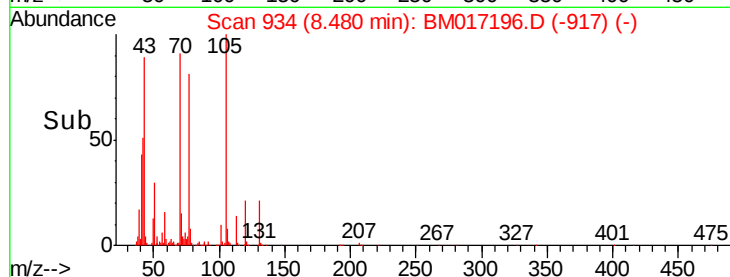
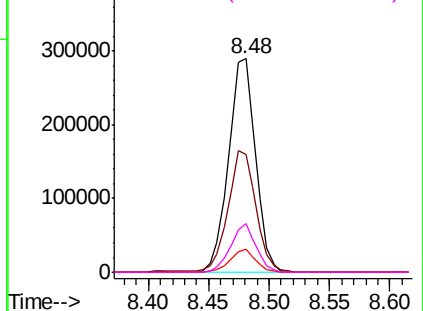
Abundance

Ion 70.00 (69.70 to 70.70): BM017196.D (-917) (-)

Ion 42.00 (41.70 to 42.70): BM017196.D (-917) (-)

Ion 101.00 (100.70 to 101.70): BM017196.D (-917) (-)

Ion 130.00 (129.70 to 130.70): BM017196.D (-917) (-)



#20
3+4-Methylphenols
Concen: 41.272 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.3	69.9	109.9	
77	34.6	12.2	52.2	
79	29.8	9.0	49.0	

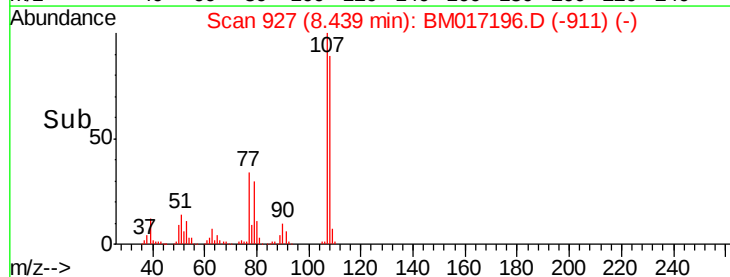
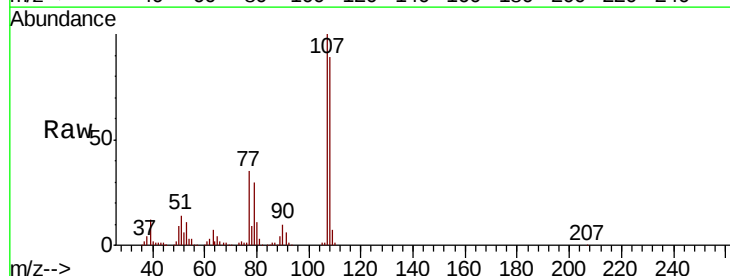
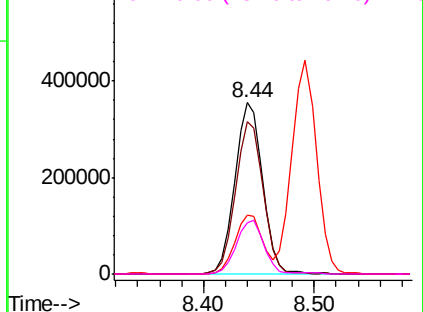
Abundance

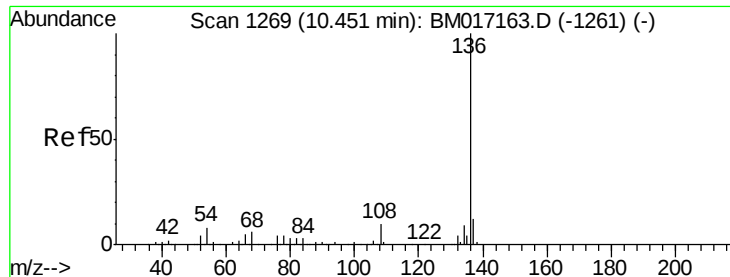
Ion 107.00 (106.70 to 107.70): BM017196.D (-911) (-)

Ion 108.00 (107.70 to 108.70): BM017196.D (-911) (-)

Ion 77.00 (76.70 to 77.70): BM017196.D (-911) (-)

Ion 79.00 (78.70 to 79.70): BM017196.D (-911) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 873079

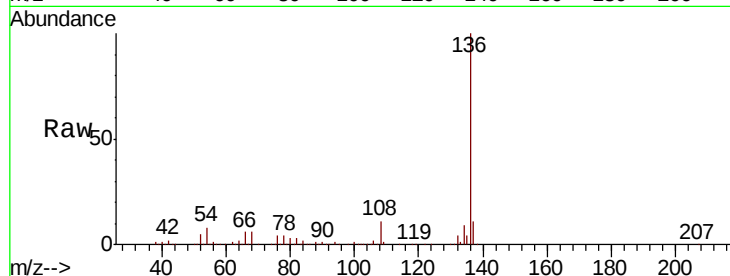
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 7.9 6.7 10.1

68 5.8 4.7 7.1

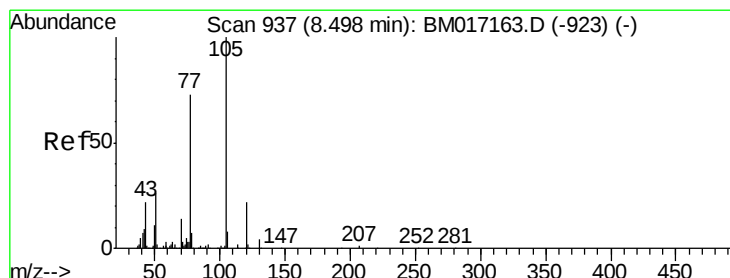
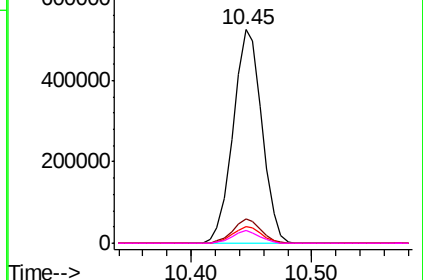
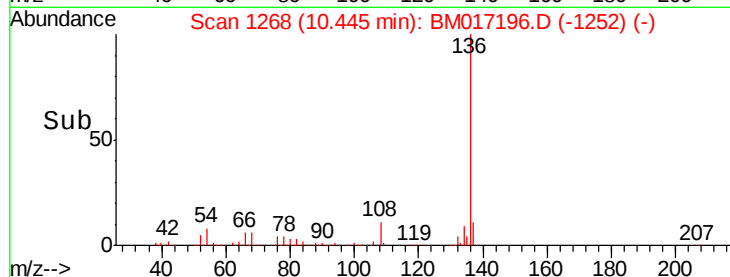


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 39.081 ng

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

Tgt Ion:105 Resp: 864931

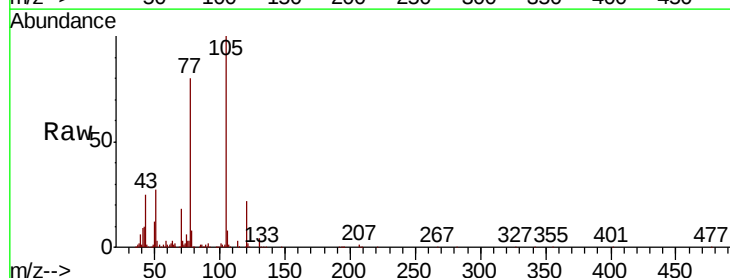
Ion Ratio Lower Upper

105 100

71 2.7 2.0 3.0

51 27.5 20.6 31.0

120 22.1 17.5 26.3

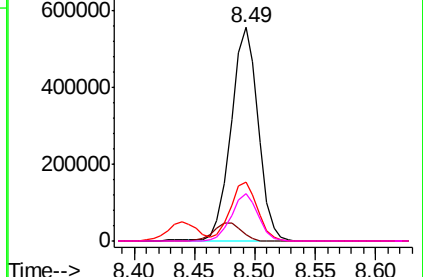
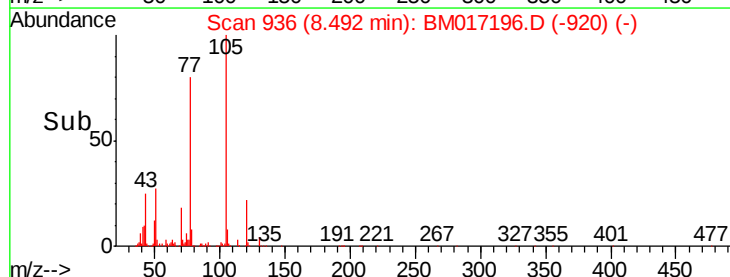


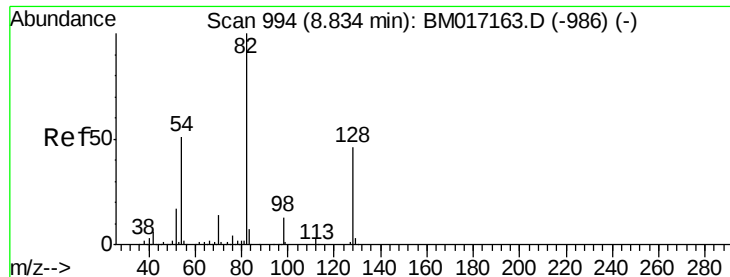
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

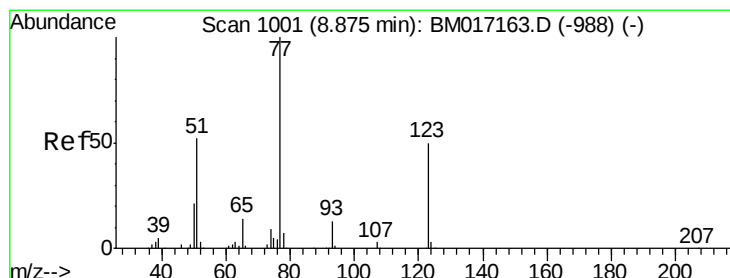
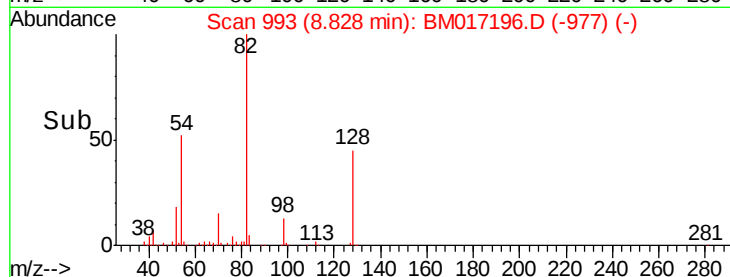
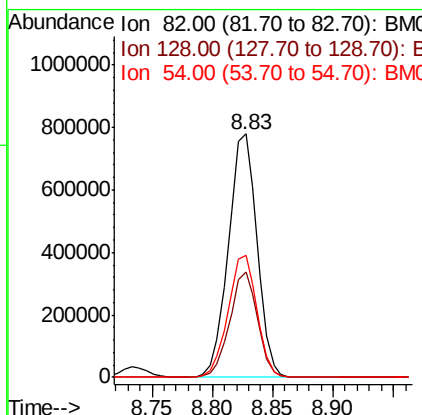
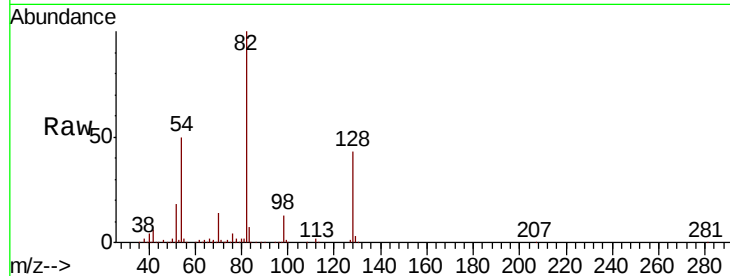




#23
 Nitrobenzene-d5
 Concen: 86.349 ng
 RT: 8.83 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

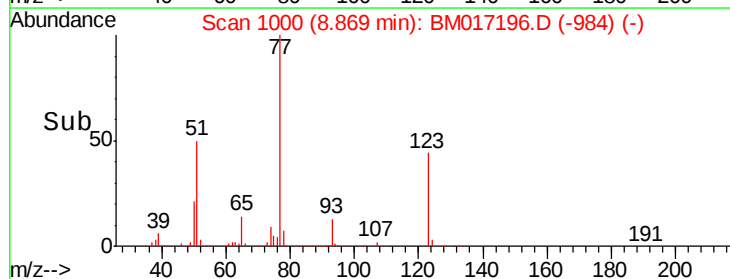
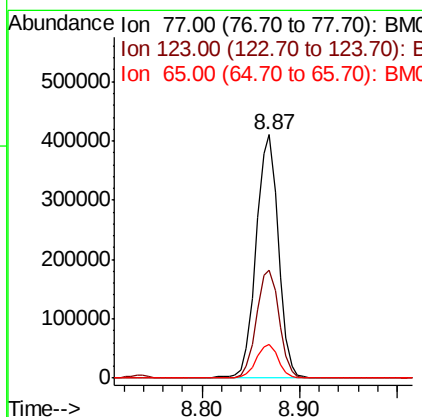
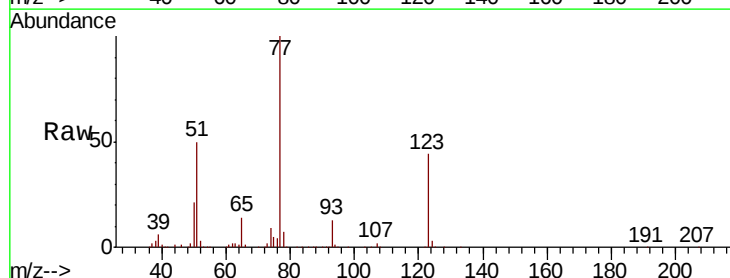
Instrument :
 BNA_M
 ClientSampleId :

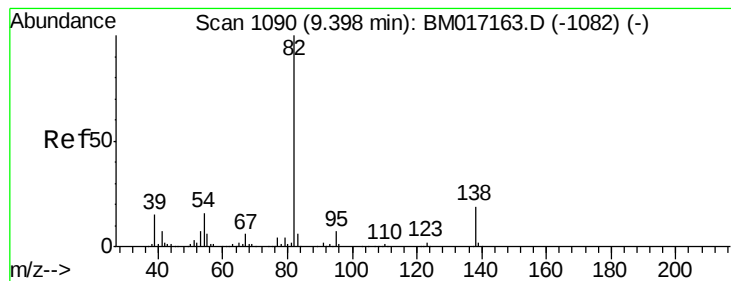
Tot Ion: 82 Resp: 1289024
 Ion Ratio Lower Upper
 82 100
 128 43.4 37.0 55.6
 54 49.9 40.7 61.1



#24
 Nitrobenzene
 Concen: 41.291 ng
 RT: 8.87 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

Tgt Ion: 77 Resp: 652013
 Ion Ratio Lower Upper
 77 100
 123 44.3 40.2 60.4
 65 13.9 11.4 17.0





#25

Isophorone

Concen: 41.294 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

Instrument :

BNA_M

ClientSampleId :

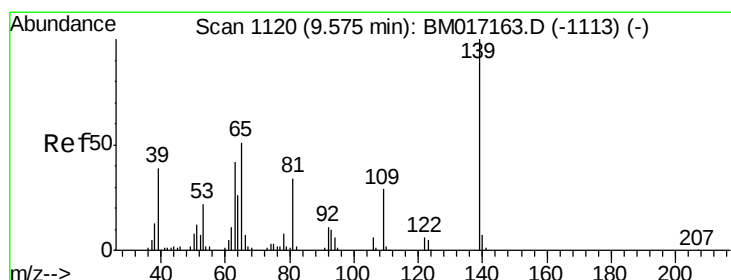
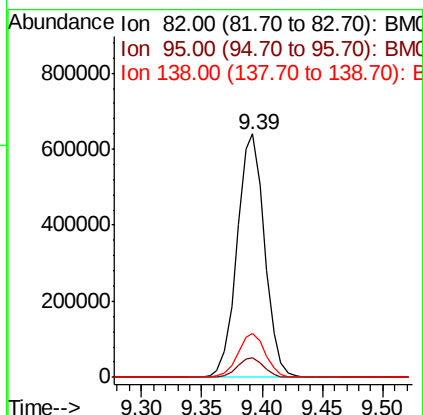
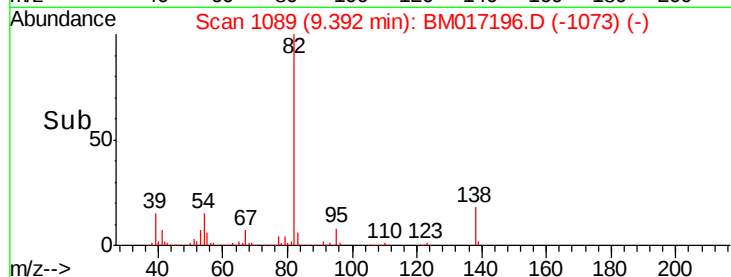
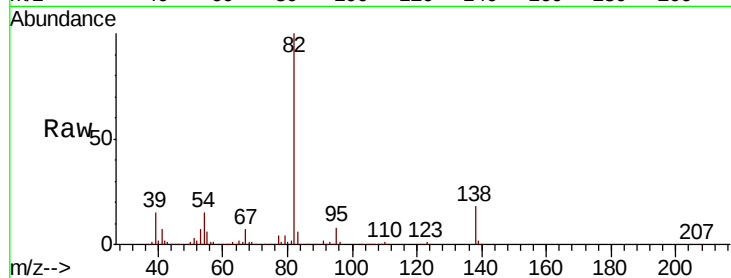
Tot Ion: 82 Resp: 1017922

Ion Ratio Lower Upper

82 100

95 8.0 6.0 9.0

138 17.8 15.4 23.2



#26

2-Nitrophenol

Concen: 41.069 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

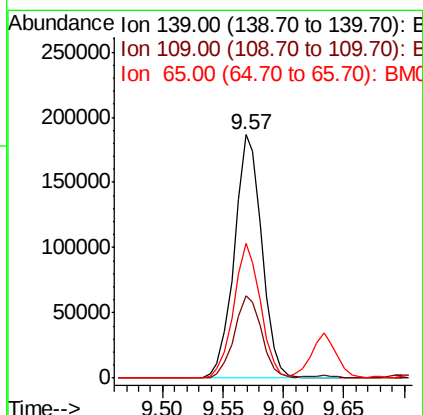
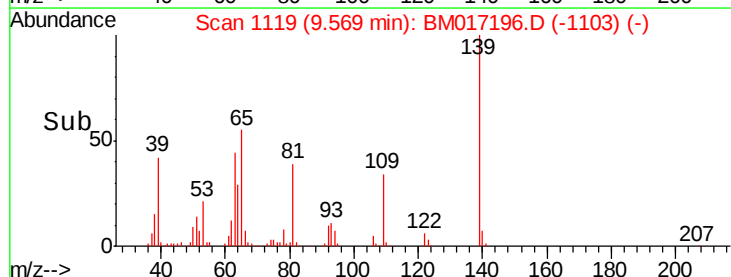
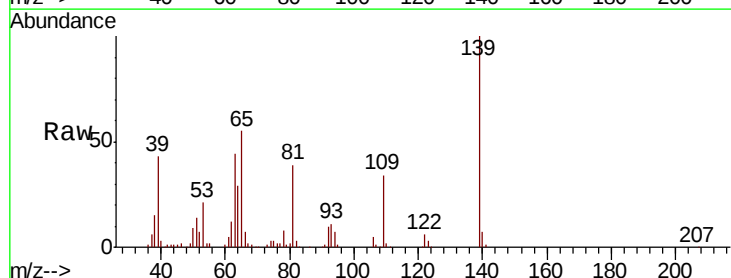
Tgt Ion: 139 Resp: 296600

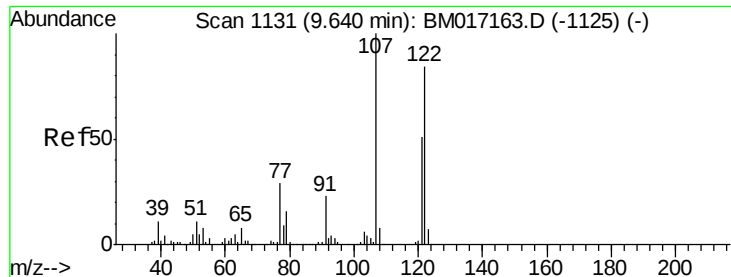
Ion Ratio Lower Upper

139 100

109 33.7 23.2 34.8

65 55.2 40.6 61.0

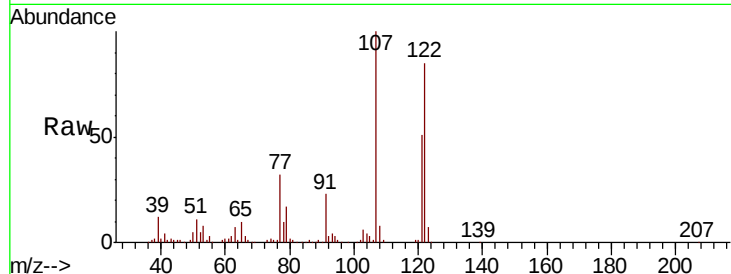




#27
 2,4-Dimethylphenol
 Concen: 41.124 ng
 RT: 9.63 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.6	95.0	142.6
121	59.8	48.2	72.4

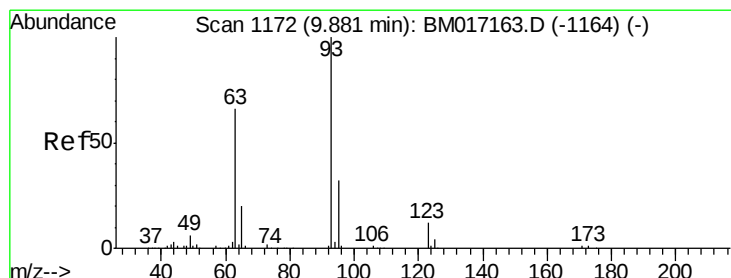
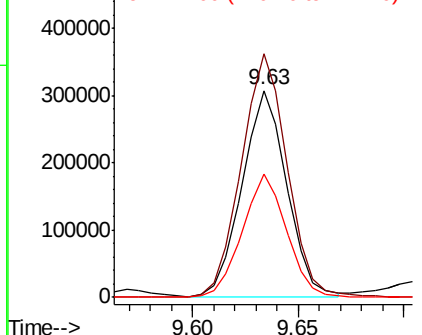
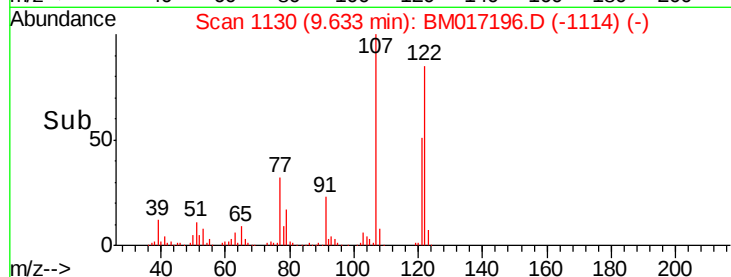


Abundance

Ion 122.00 (121.70 to 122.70): E

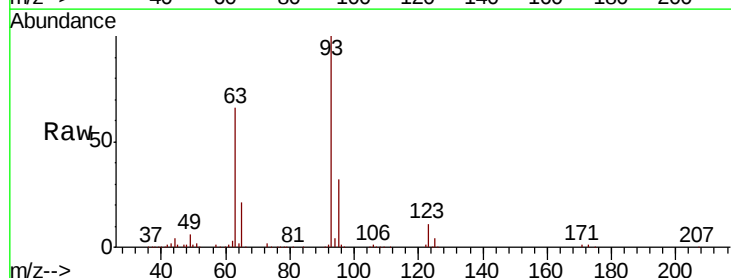
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.766 ng
 RT: 9.87 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.7	38.5
123	11.2	9.4	14.0

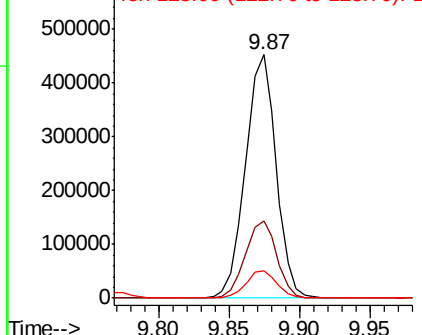
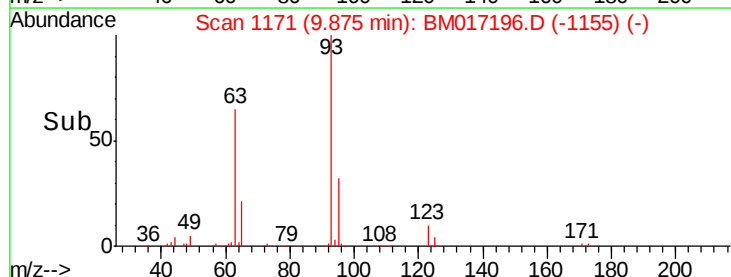


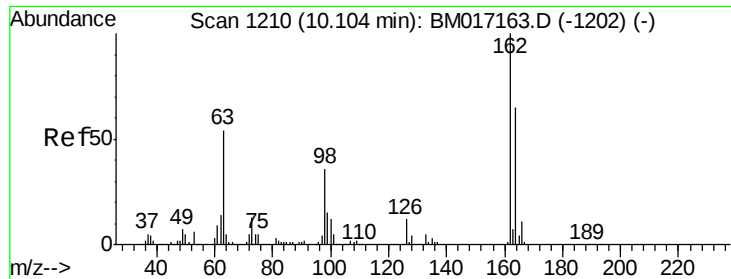
Abundance

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

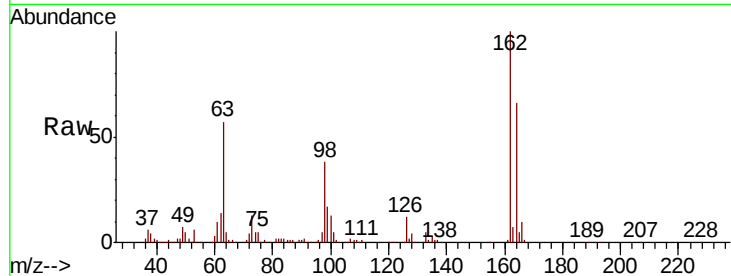




#29
 2,4-Dichlorophenol
 Concen: 41.961 ng
 RT: 10.10 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
162	100			
164	66.3	44.9	84.9	
98	37.6	15.8	55.8	

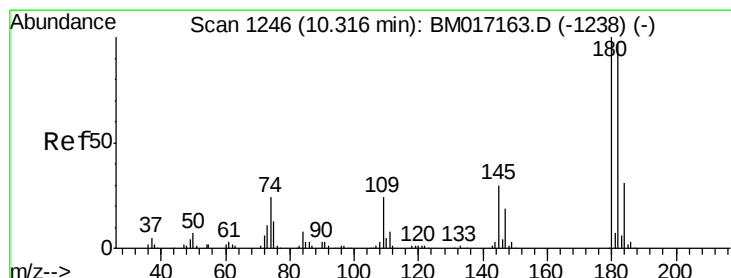
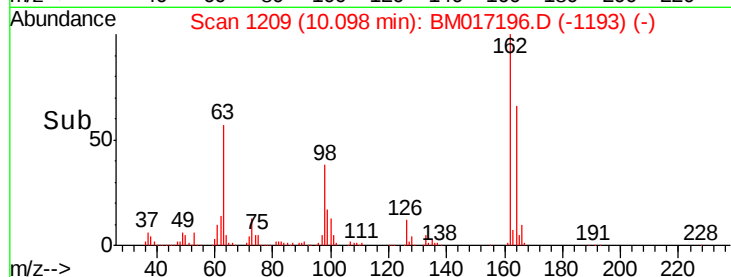
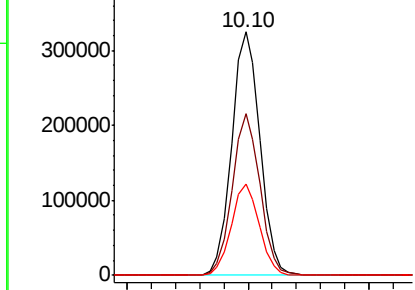


Abundance

Ion 162.00 (161.70 to 162.70): E

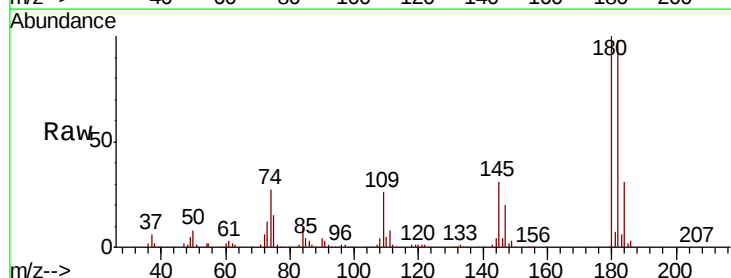
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BMO



#30
 1,2,4-Trichlorobenzene
 Concen: 40.017 ng
 RT: 10.31 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

Tgt Ion	Ion	Ratio	Lower	Upper
180	100			
182	97.5	77.5	116.3	
145	30.9	24.0	36.0	

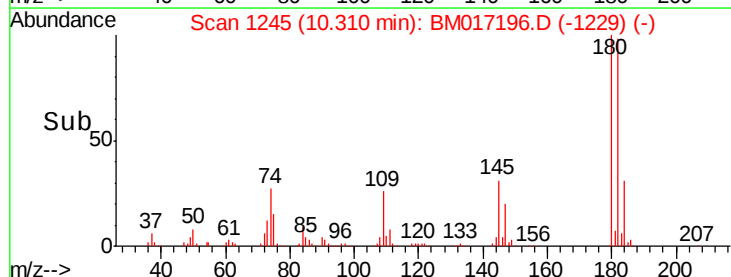
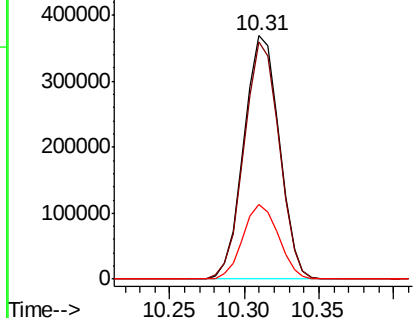


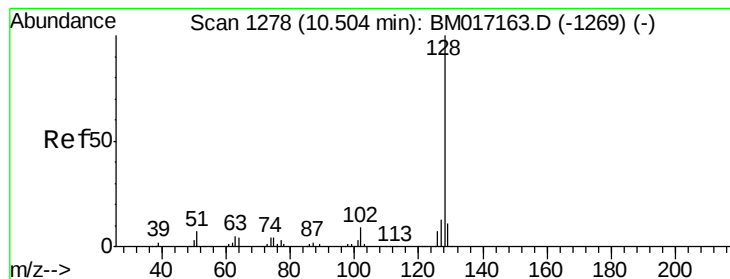
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

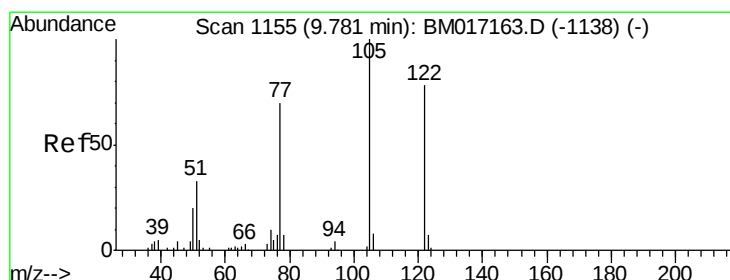
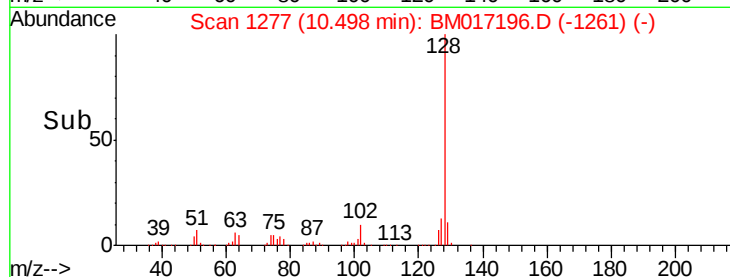
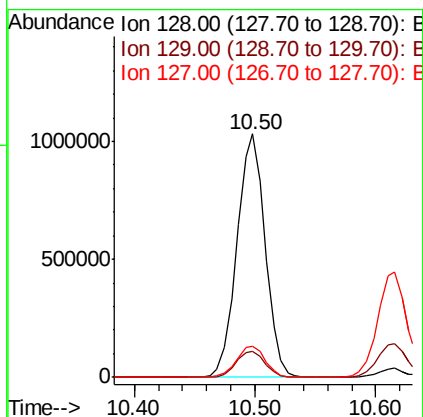
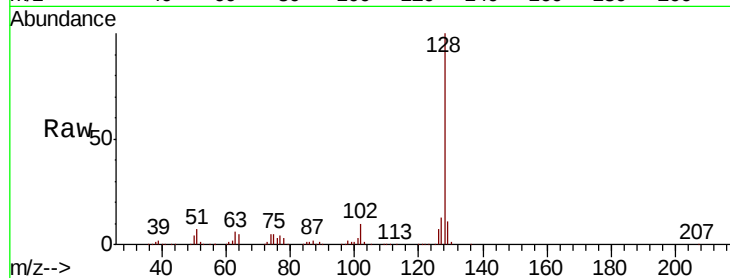




#31
Naphthalene
Concen: 39.195 ng
RT: 10.50 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

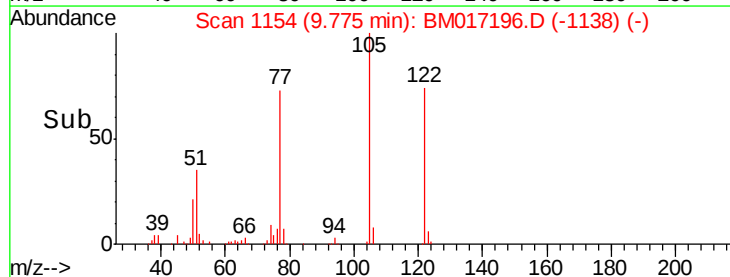
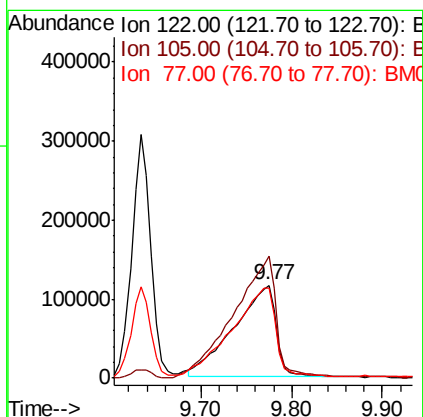
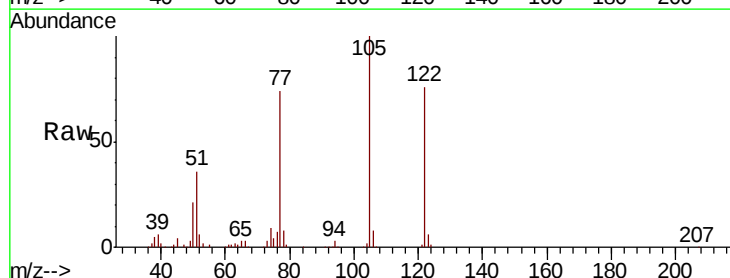
Instrument :
BNA_M
ClientSampleId :

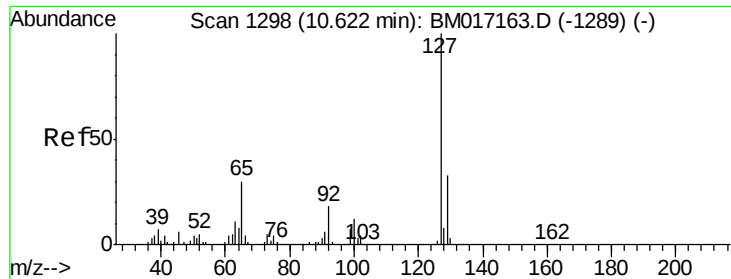
Tot Ion:128 Resp: 1676983
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 45.727 ng
RT: 9.77 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Tgt Ion:122 Resp: 371890
Ion Ratio Lower Upper
122 100
105 131.6 102.0 142.0
77 97.3 67.7 107.7

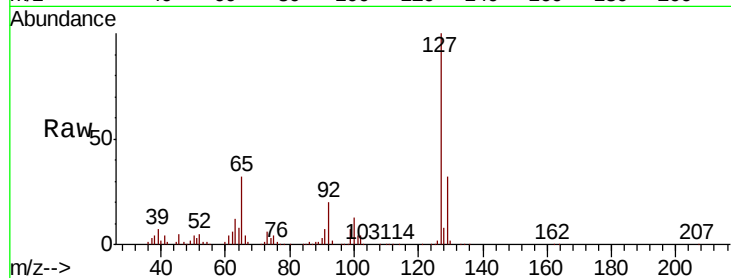




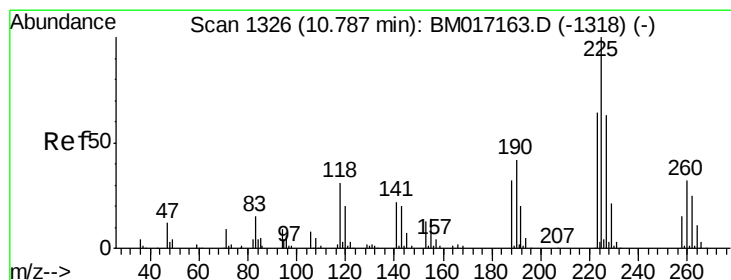
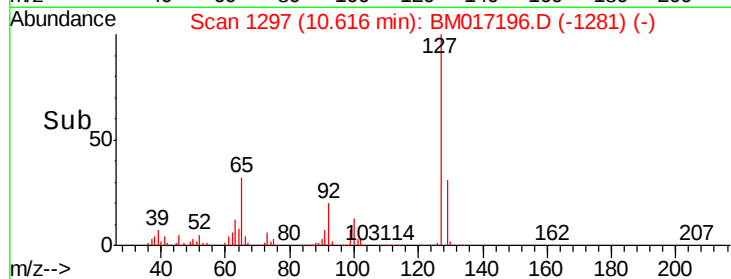
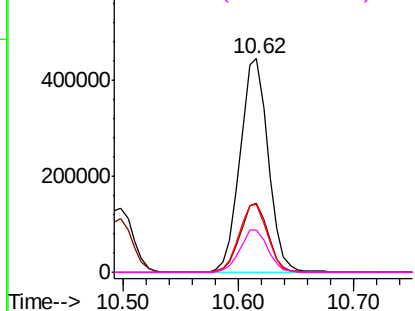
#33
4-Chloroaniline
Concen: 40.798 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	753903
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	31.7	23.7	35.5
92	19.9	14.3	21.5

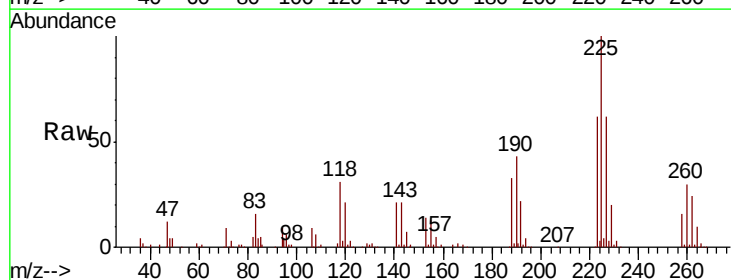


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

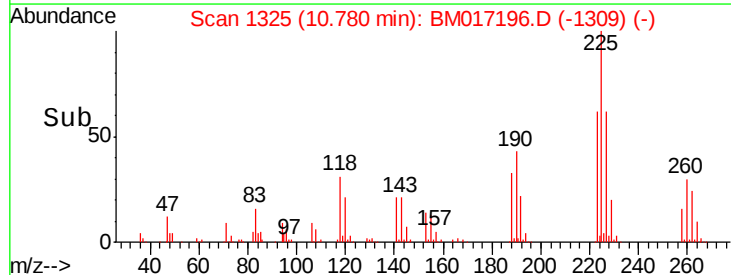
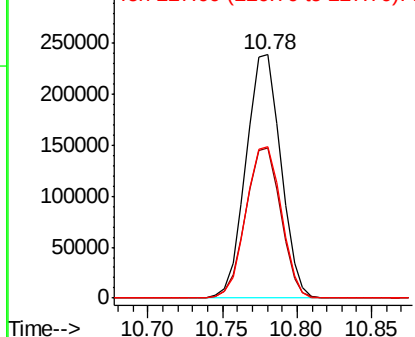


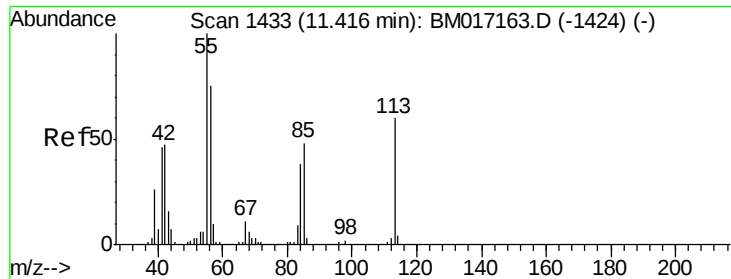
#34
Hexachlorobutadiene
Concen: 40.138 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Tgt Ion:	225	Resp:	386108
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.6
227	62.2	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: 41.249 ng

RT: 11.40 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

Instrument :

BNA_M

ClientSampleId :

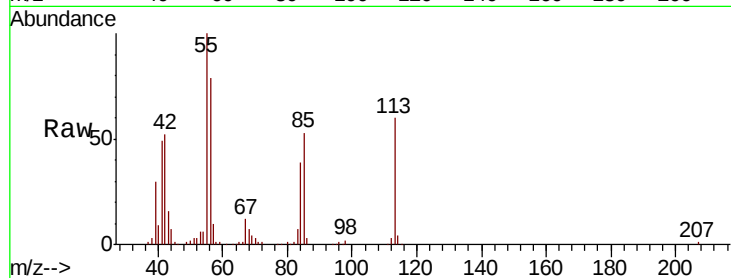
Tot Ion:113 Resp: 190249

Ion Ratio Lower Upper

113 100

55 165.4 147.0 187.0

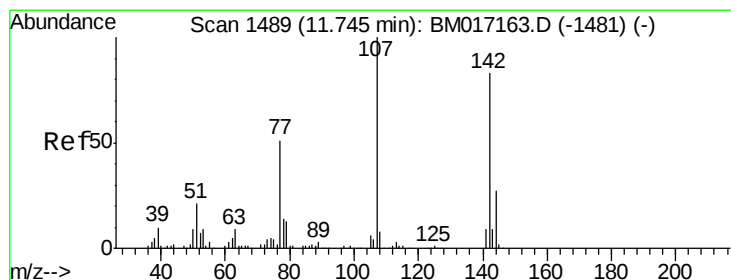
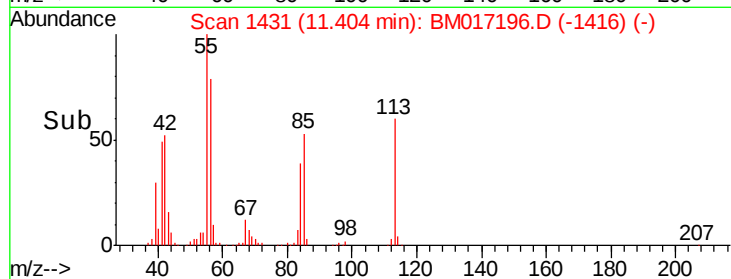
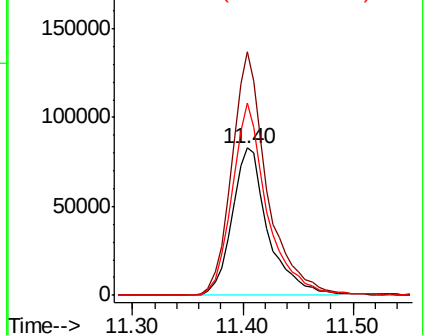
56 130.4 104.5 144.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 42.854 ng

RT: 11.74 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

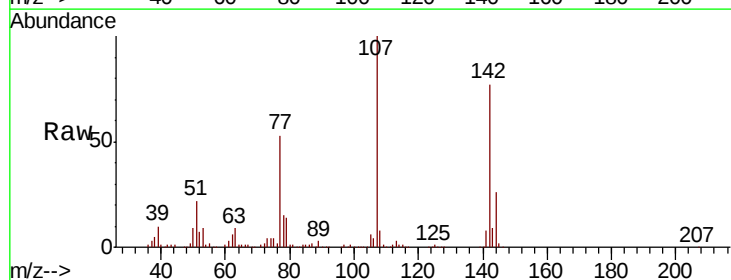
Tgt Ion:107 Resp: 611329

Ion Ratio Lower Upper

107 100

144 25.9 21.6 32.4

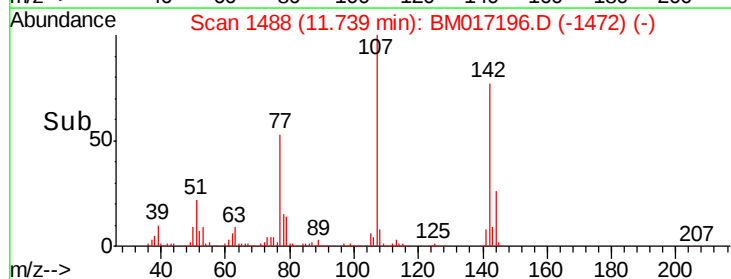
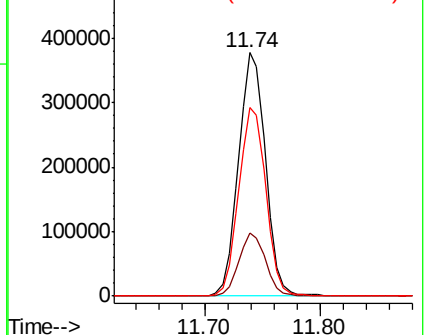
142 77.5 66.0 99.0

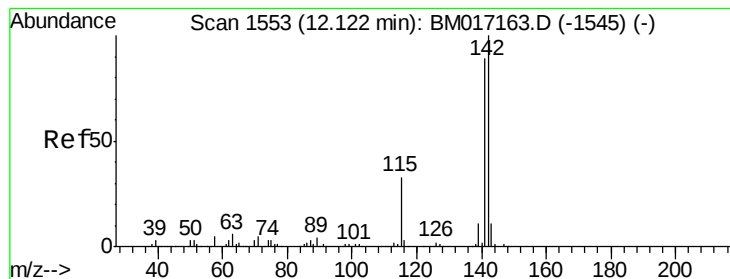


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.089 ng

RT: 12.12 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

Instrument :

BNA_M

ClientSampleId :

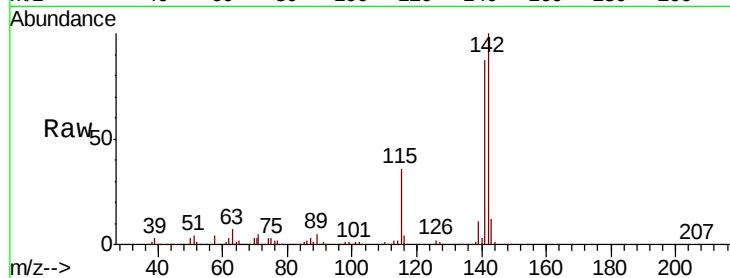
Tot Ion:142 Resp: 1203022

Ion Ratio Lower Upper

142 100

141 87.1 70.9 106.3

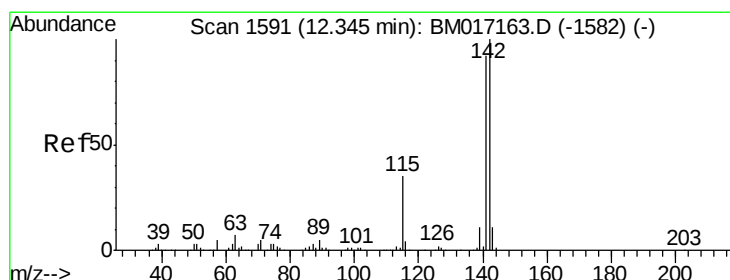
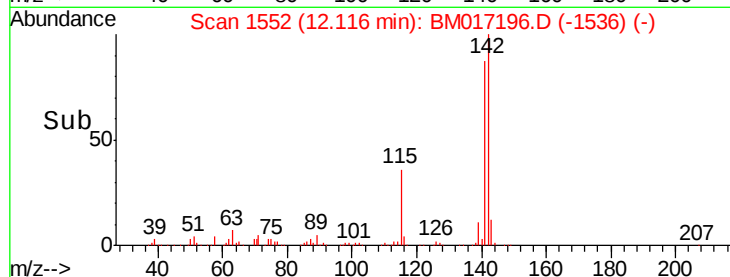
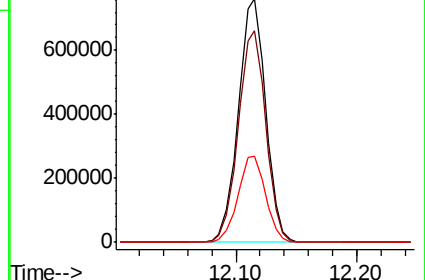
115 35.6 26.4 39.6



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: 40.909 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

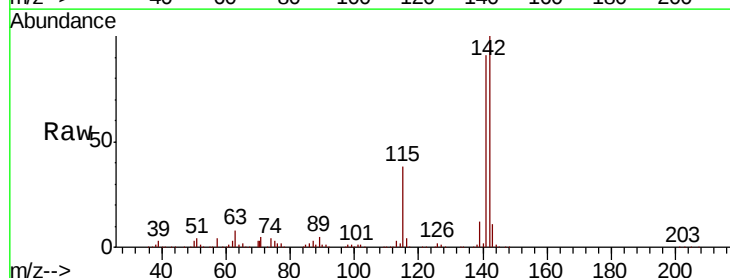
Tgt Ion:142 Resp: 1165775

Ion Ratio Lower Upper

142 100

141 91.4 73.8 110.6

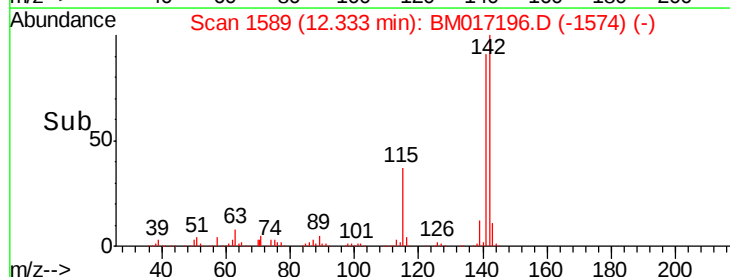
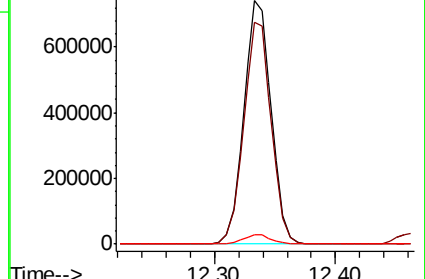
116 4.0 2.9 4.3

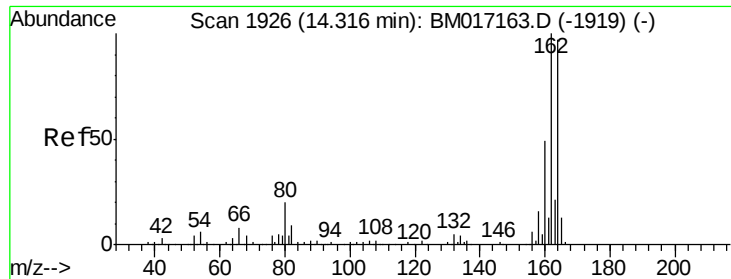


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

Instrument :

BNA_M

ClientSampleId :

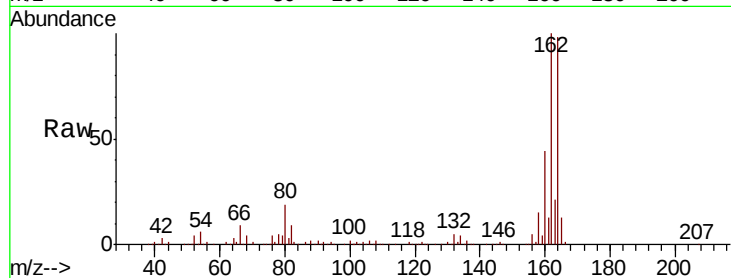
Tot Ion:164 Resp: 518085

Ion Ratio Lower Upper

164 100

162 102.2 82.1 123.1

160 45.4 40.2 60.2

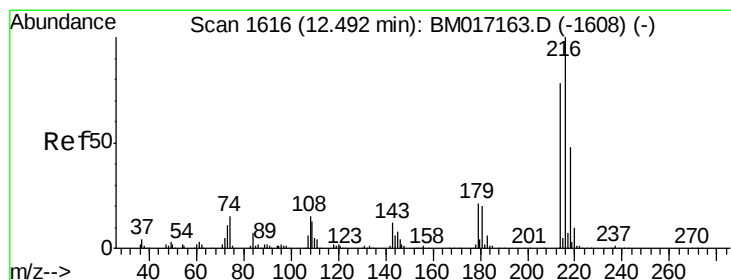
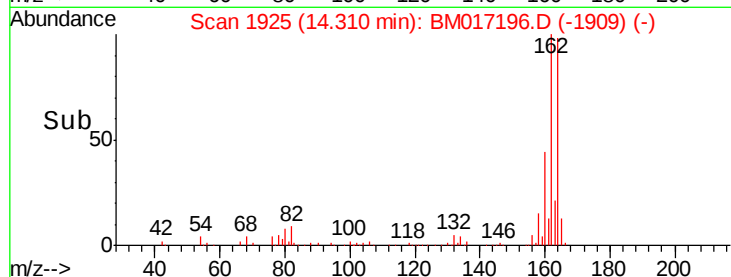
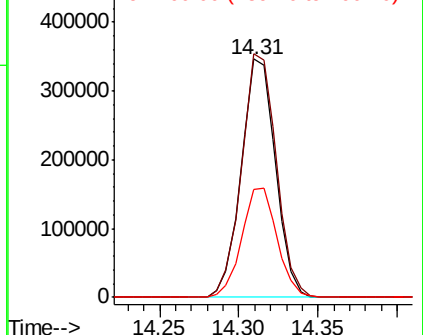


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.618 ng

RT: 12.49 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

Tgt Ion:216 Resp: 722842

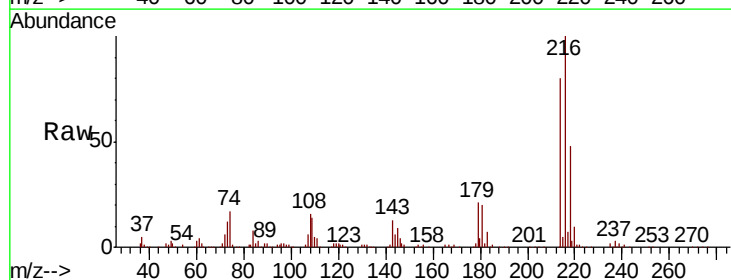
Ion Ratio Lower Upper

216 100

214 78.7 62.6 93.8

179 21.2 16.6 24.8

108 18.1 13.5 20.3



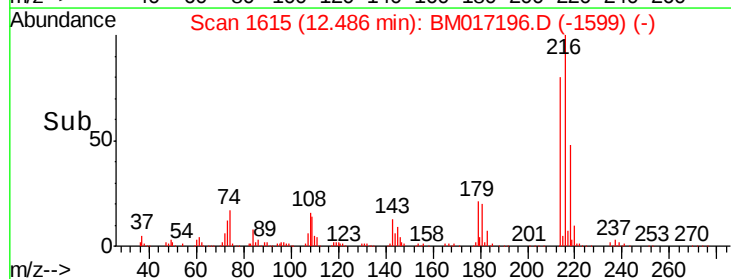
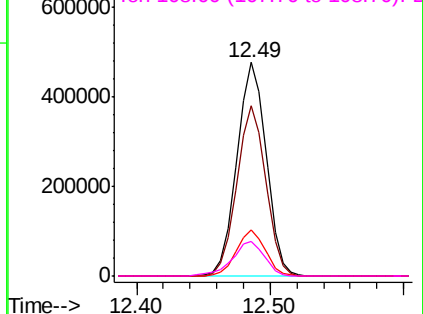
Abundance

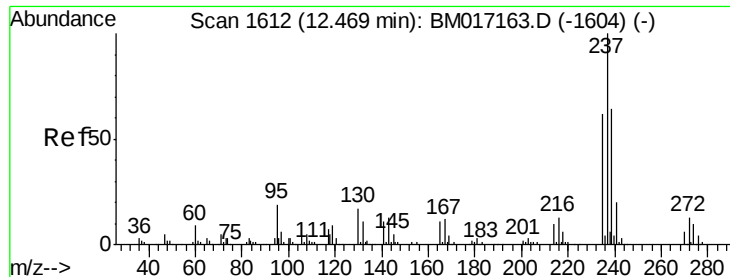
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 46.056 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

Instrument :

BNA_M

ClientSampleId :

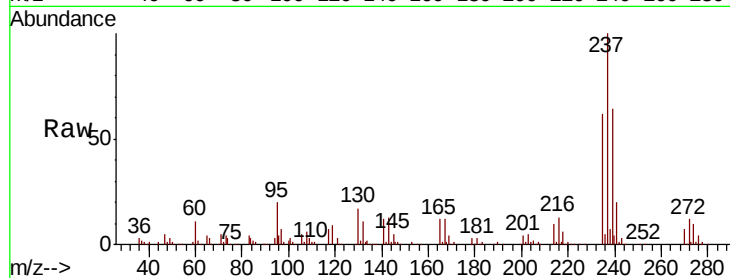
Tot Ion:237 Resp: 406234

Ion Ratio Lower Upper

237 100

235 61.7 42.4 82.4

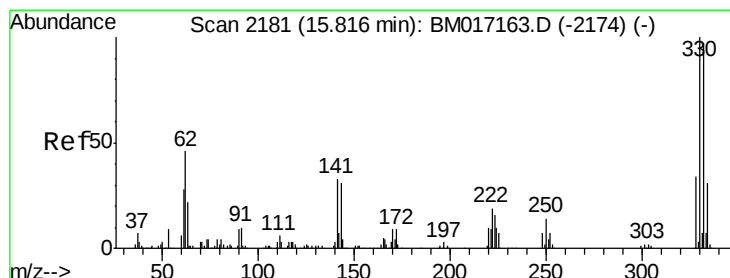
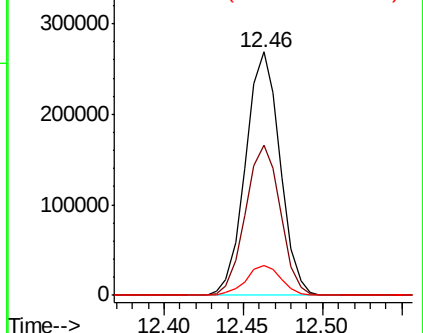
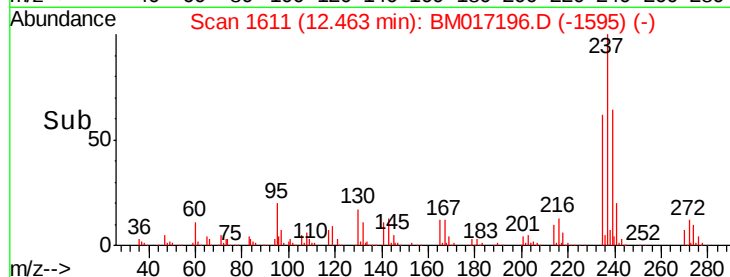
272 12.2 0.0 33.0



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: 86.347 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

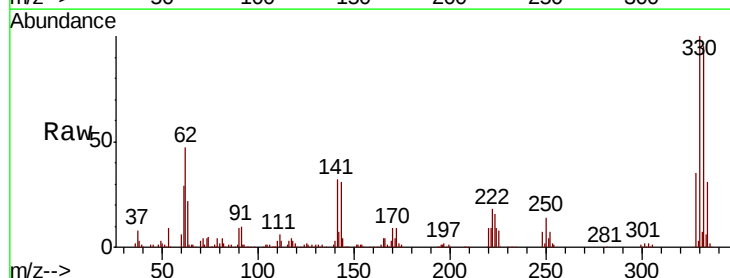
Tgt Ion:330 Resp: 604979

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

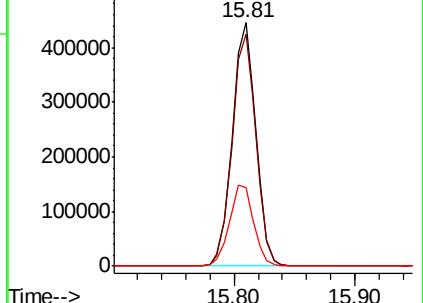
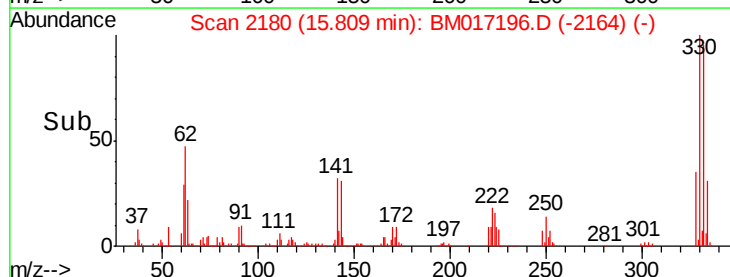
141 34.4 27.4 41.0

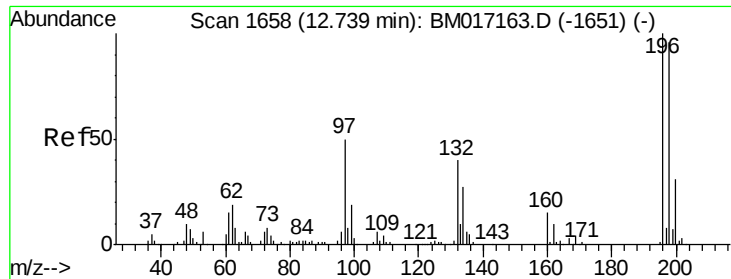


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

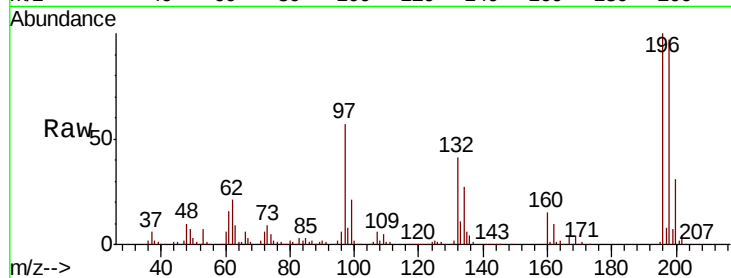




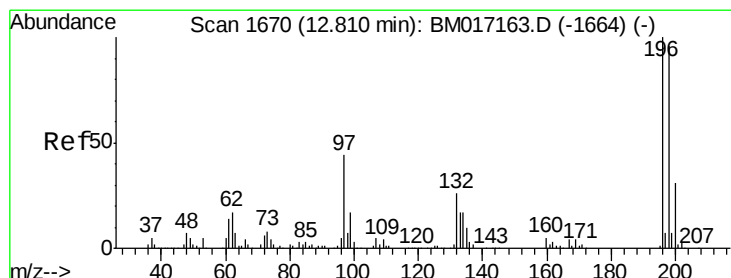
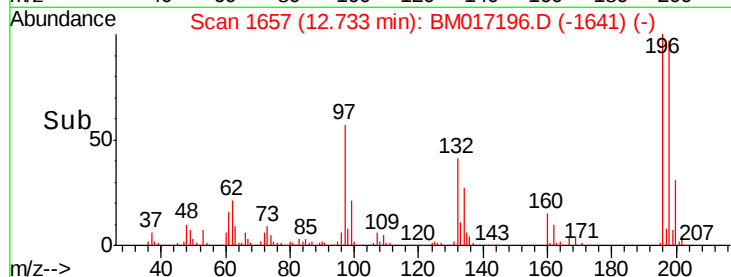
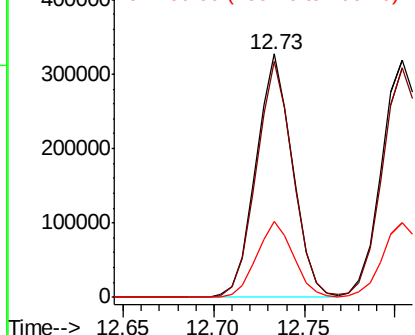
#43
 2,4,6-Trichlorophenol
 Concen: 43.158 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:196 Resp: 457102
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.1 115.7
 200 31.0 25.0 37.4



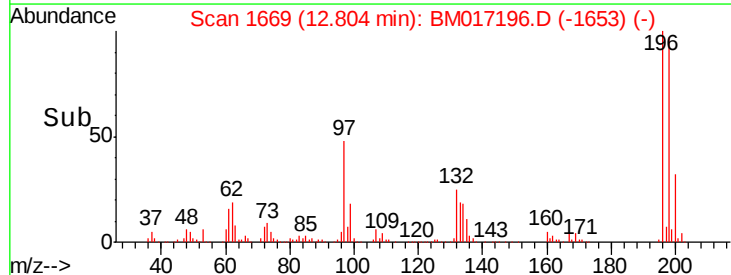
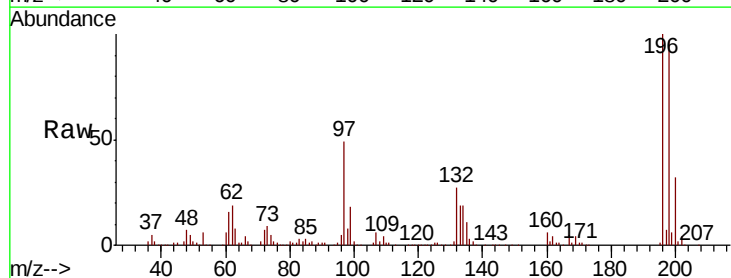
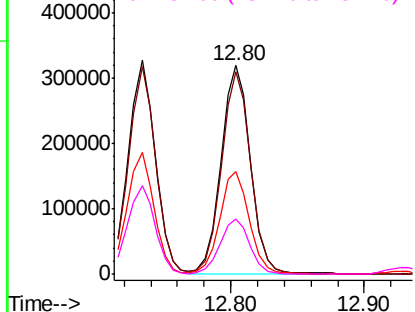
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

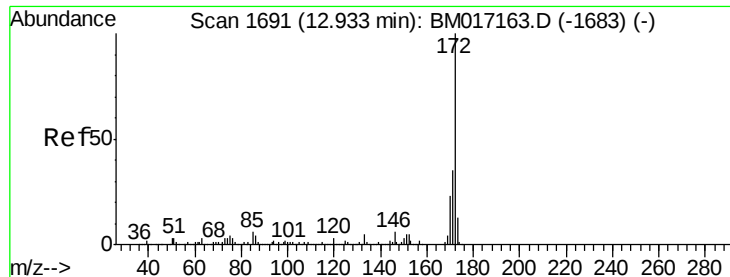


#44
 2,4,5-Trichlorophenol
 Concen: 43.071 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

Tgt Ion:196 Resp: 489182
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.6 115.0
 97 49.1 35.5 53.3
 132 26.5 20.7 31.1

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

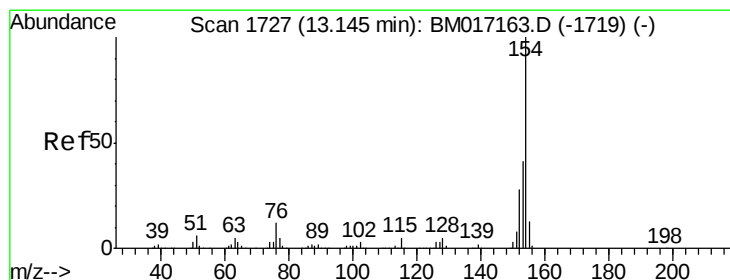
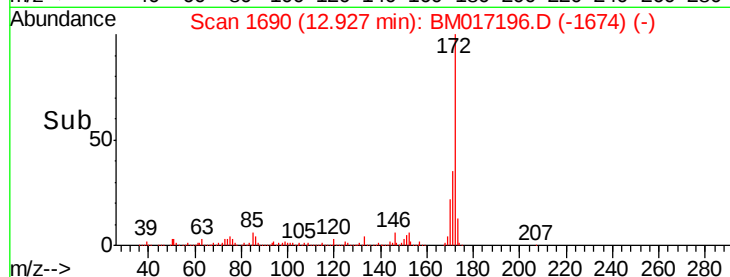
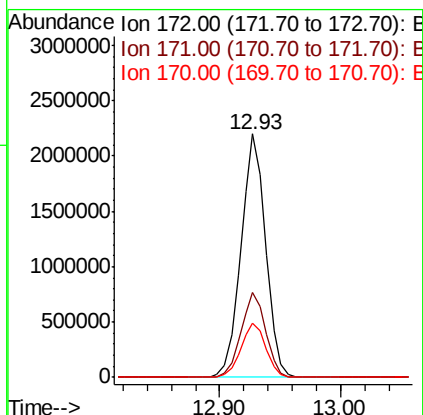
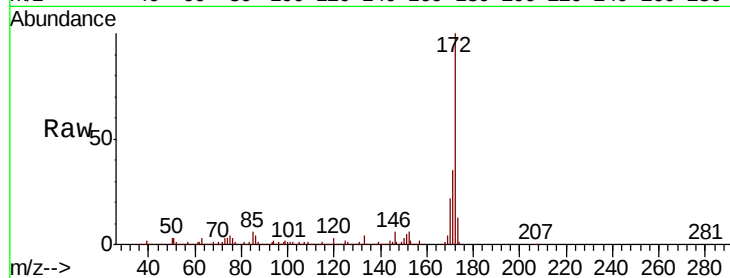




#45
2-Fluorobiphenyl
Concen: 79.816 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

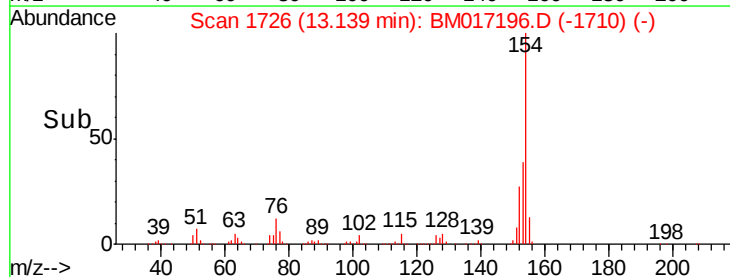
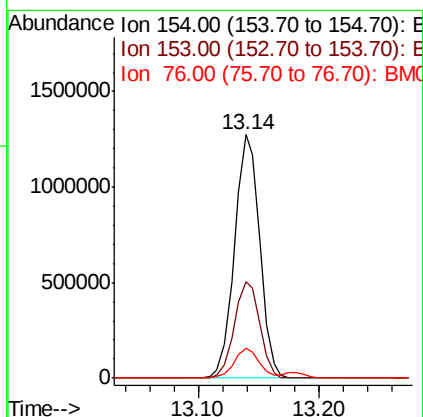
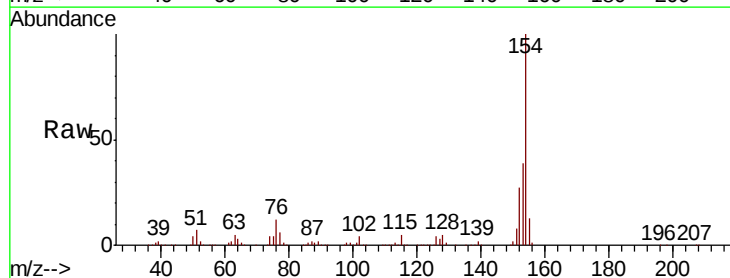
Instrument :
BNA_M
ClientSampled :

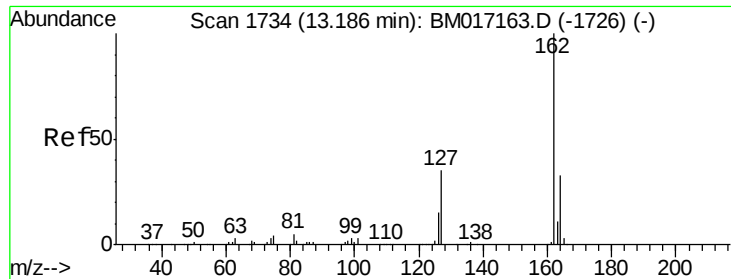
Tot Ion:172 Resp: 3107879
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 22.5 18.3 27.5



#46
1,1'-Biphenyl
Concen: 39.578 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Tgt Ion:154 Resp: 1845219
Ion Ratio Lower Upper
154 100
153 39.5 20.5 60.5
76 12.0 0.0 31.8



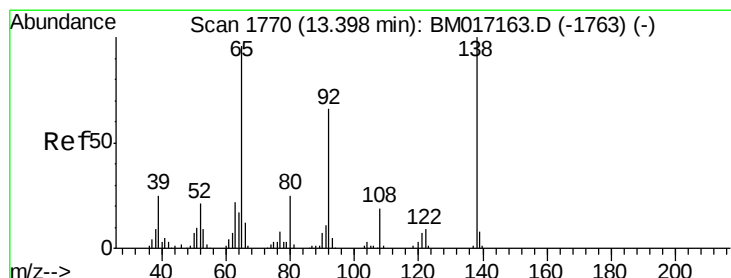
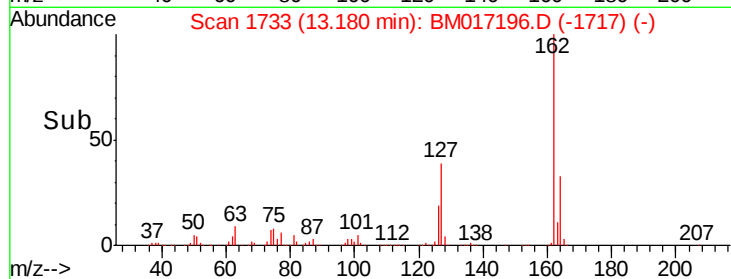
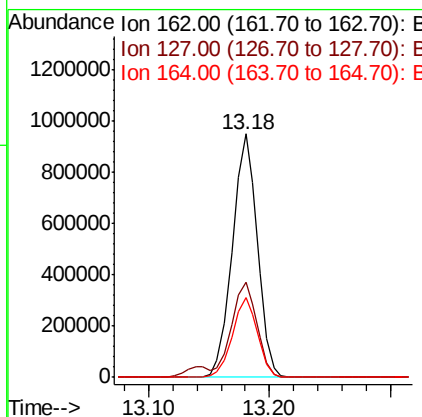
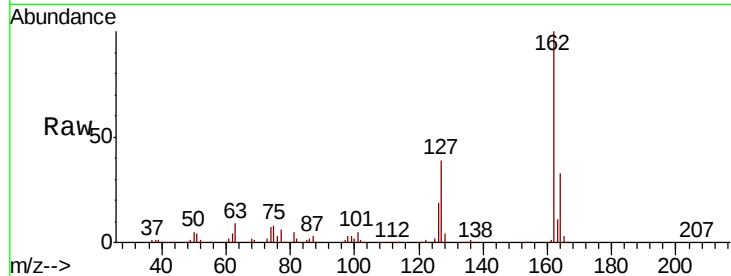


#47
 2-Chloronaphthalene
 Concen: 39.920 ng
 RT: 13.18 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:162 Resp: 1369192

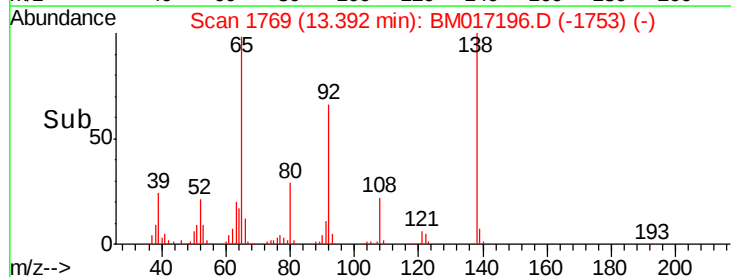
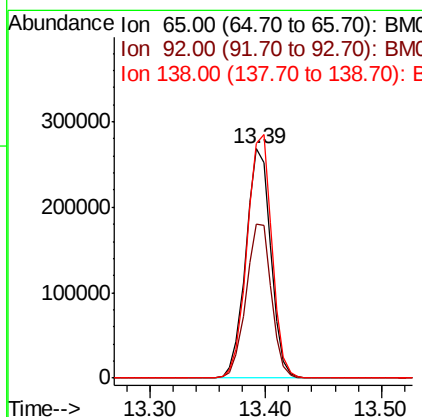
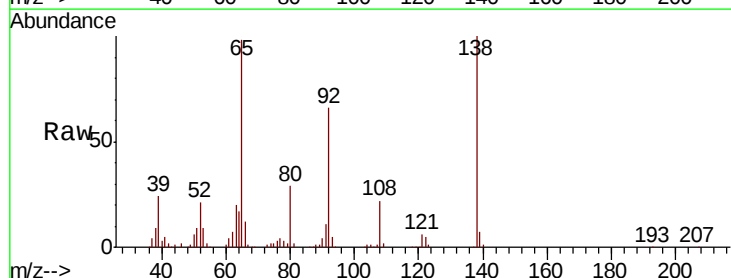
Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.0	46.4
164	32.9	26.6	39.8

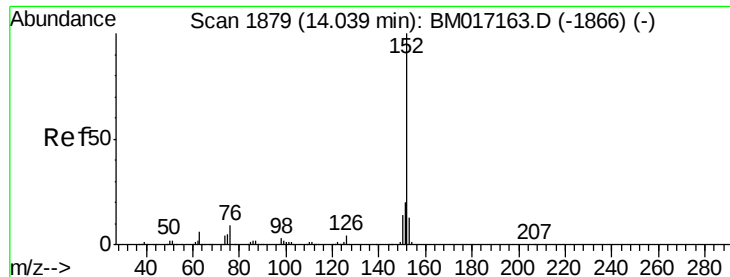


#48
 2-Nitroaniline
 Concen: 42.561 ng
 RT: 13.39 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

Tgt Ion: 65 Resp: 405327

Ion	Ratio	Lower	Upper
65	100		
92	67.3	54.9	82.3
138	102.1	83.7	125.5





#49

Acenaphthylene

Concen: 41.497 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

Instrument :

BNA_M

ClientSampleId :

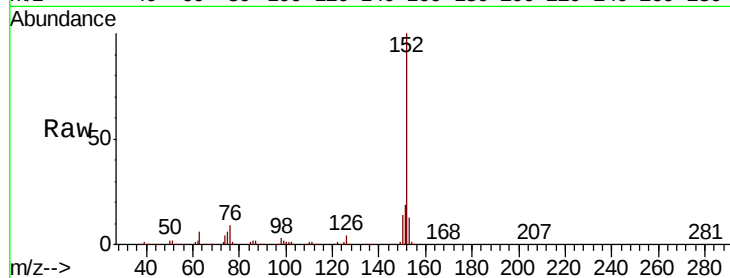
Tot Ion:152 Resp: 2063040

Ion Ratio Lower Upper

152 100

151 19.4 16.0 24.0

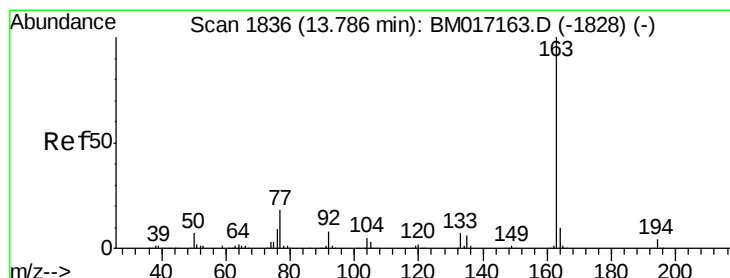
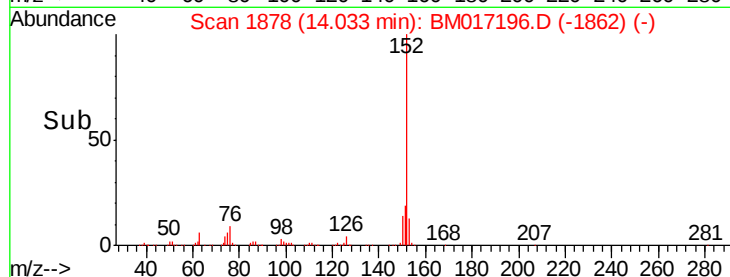
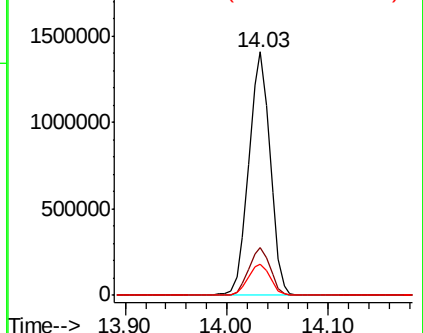
153 12.7 10.4 15.6



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: 42.208 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

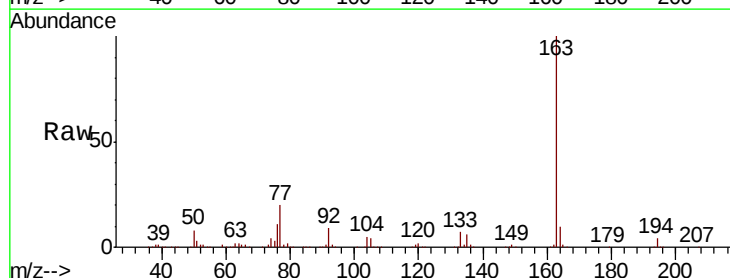
Tgt Ion:163 Resp: 1687090

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

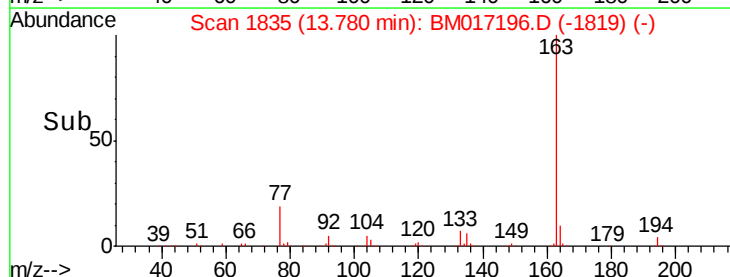
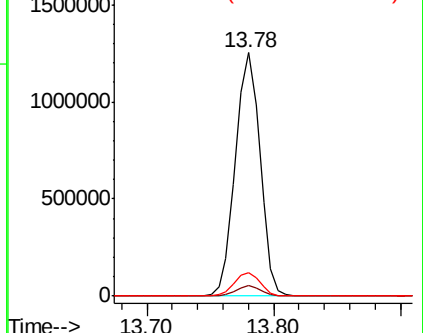
164 9.9 7.8 11.8

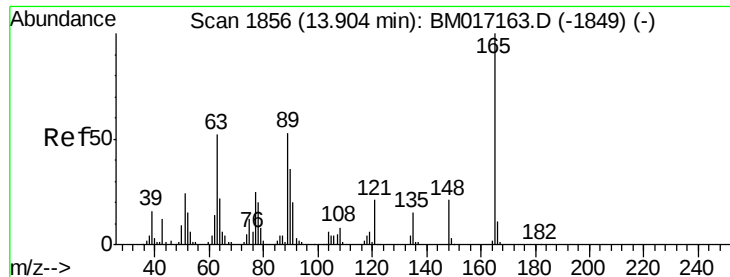


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

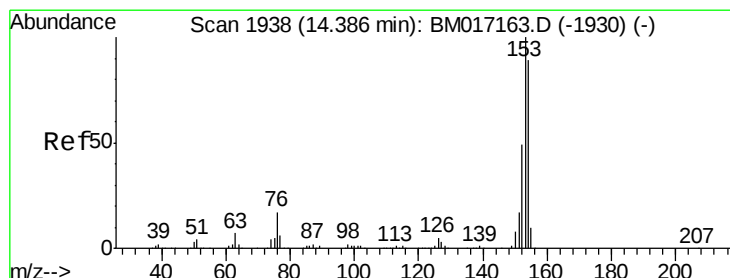
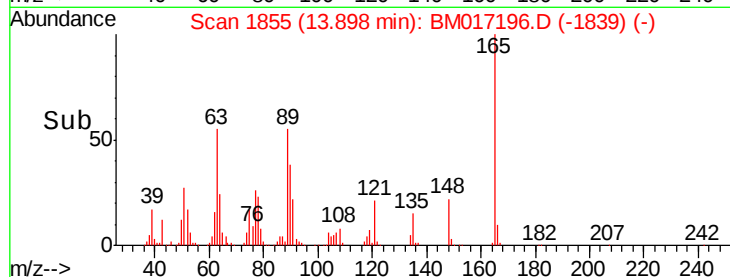
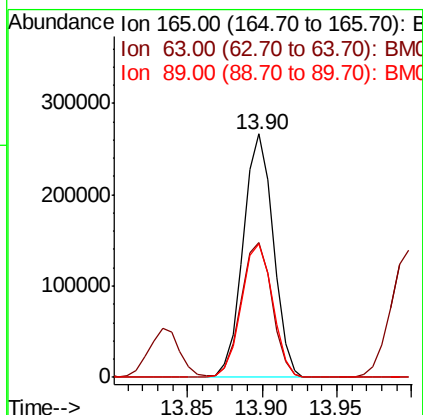
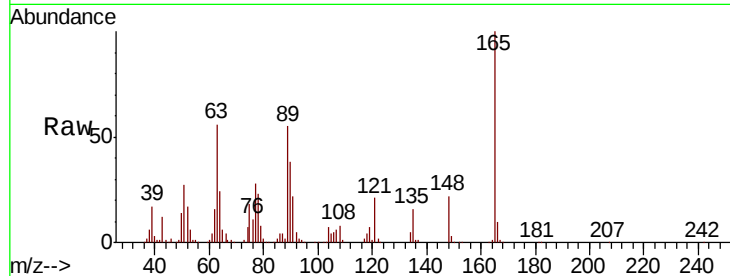




#51
2,6-Dinitrotoluene
Concen: 42.422 ng
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

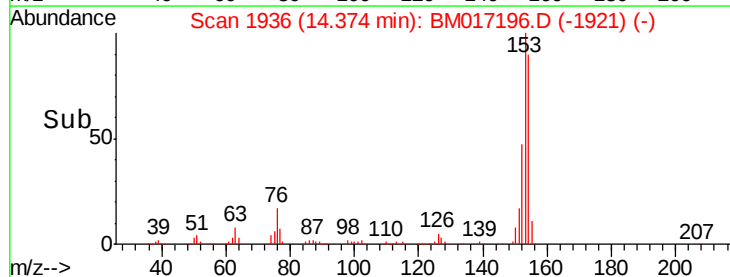
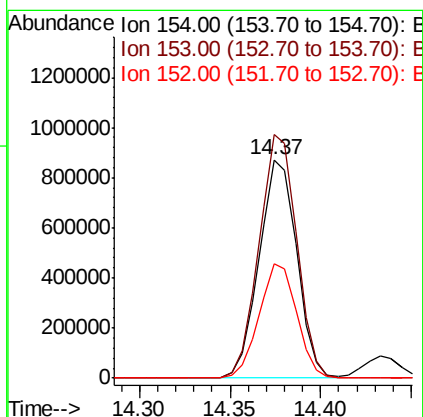
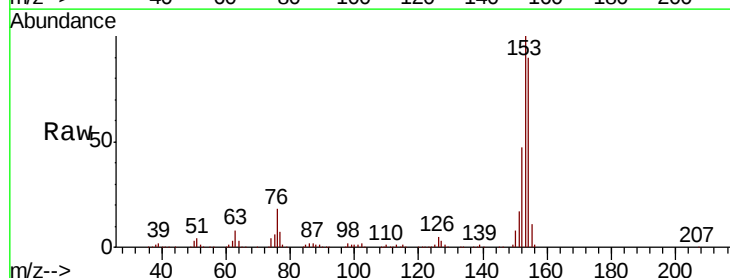
Instrument :
BNA_M
ClientSampleId :

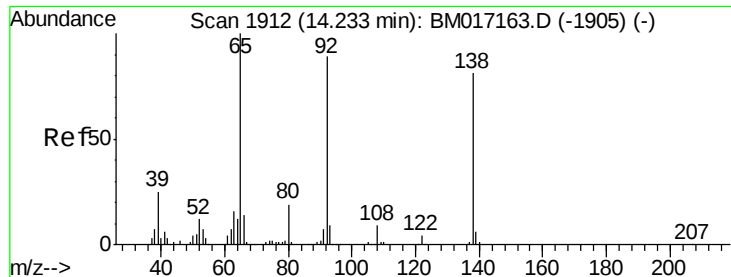
Tot Ion:165 Resp: 373199
Ion Ratio Lower Upper
165 100
63 55.6 42.7 64.1
89 55.1 42.1 63.1



#52
Acenaphthene
Concen: 40.430 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Tgt Ion:154 Resp: 1262025
Ion Ratio Lower Upper
154 100
153 111.5 90.2 135.2
152 52.6 44.2 66.4

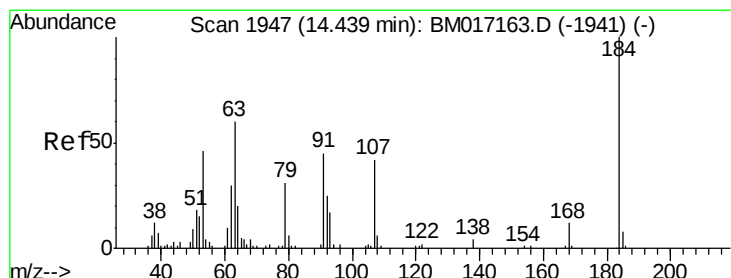
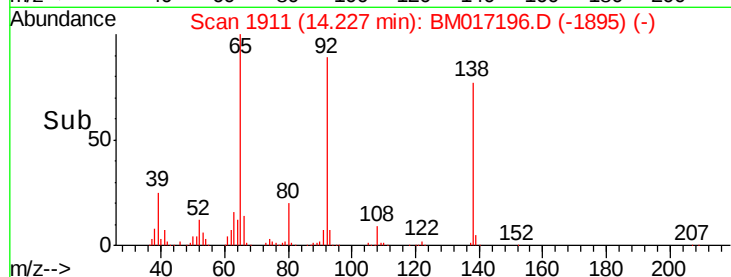
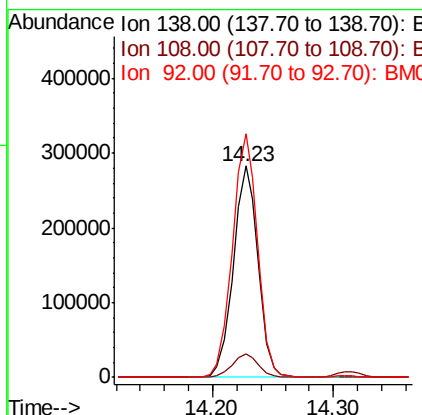
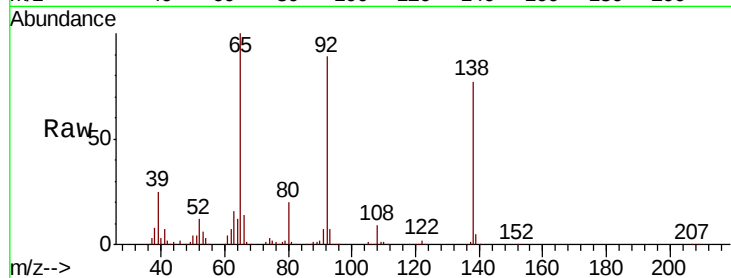




#53
 3-Nitroaniline
 Concen: 42.232 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

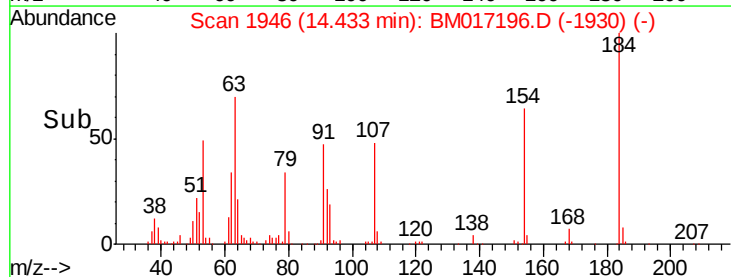
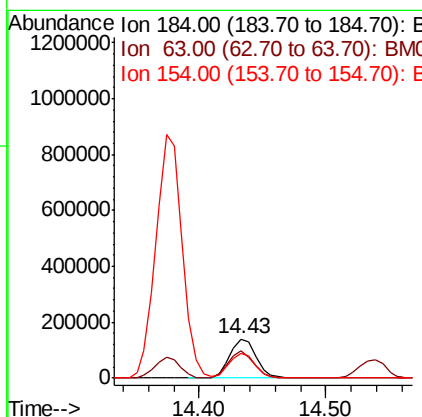
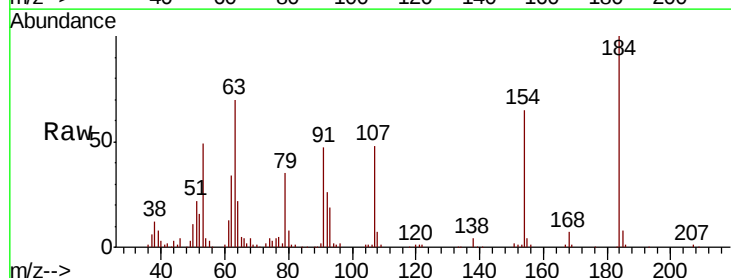
Instrument :
 BNA_M
 ClientSampleId :

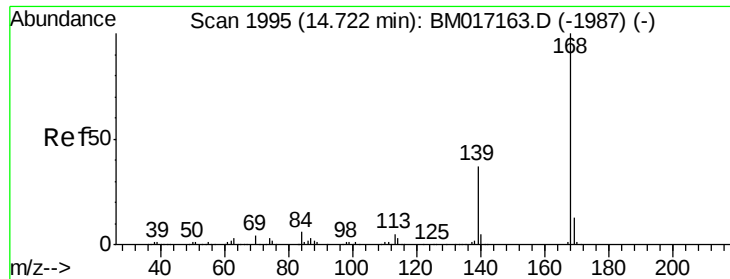
Tot Ion:138 Resp: 402384
 Ion Ratio Lower Upper
 138 100
 108 11.3 8.7 13.1
 92 115.4 87.9 131.9



#54
 2,4-Dinitrophenol
 Concen: 43.555 ng
 RT: 14.43 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

Tgt Ion:184 Resp: 203231
 Ion Ratio Lower Upper
 184 100
 63 70.3 51.2 76.8
 154 64.5 47.8 71.8

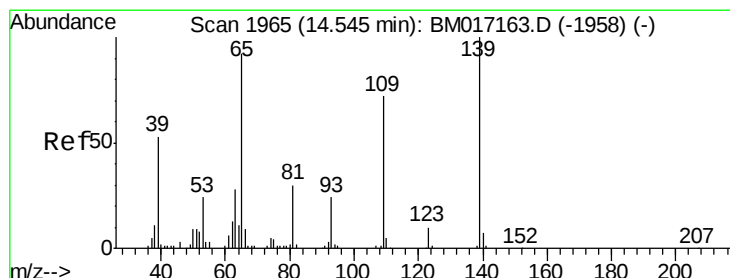
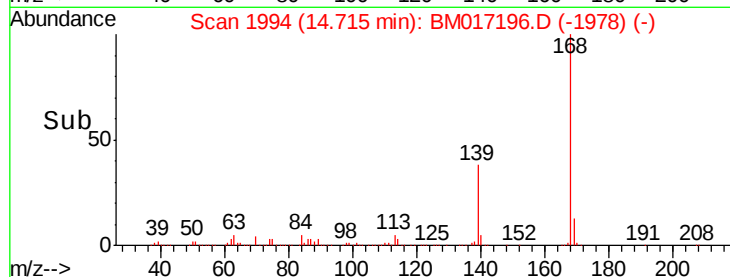
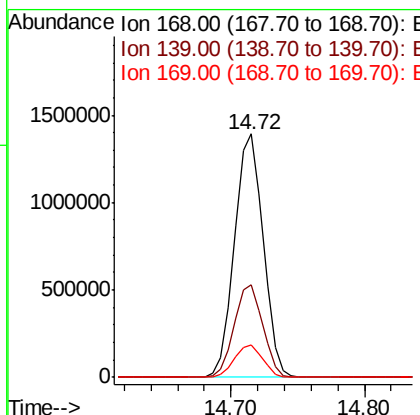
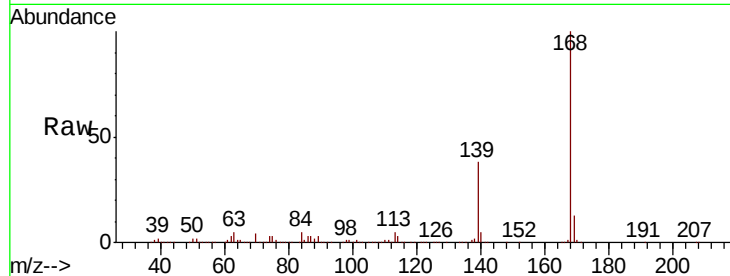




#55
 Dibenzofuran
 Concen: 40.013 ng
 RT: 14.72 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

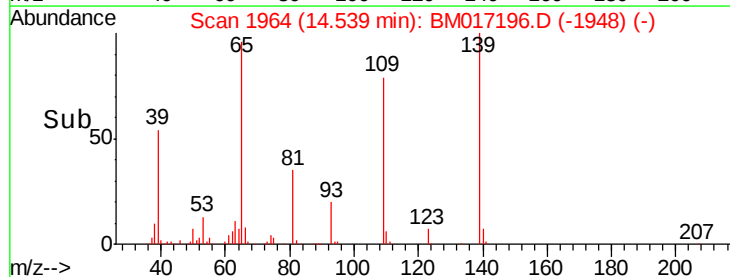
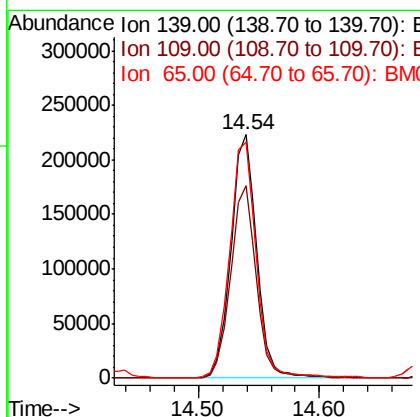
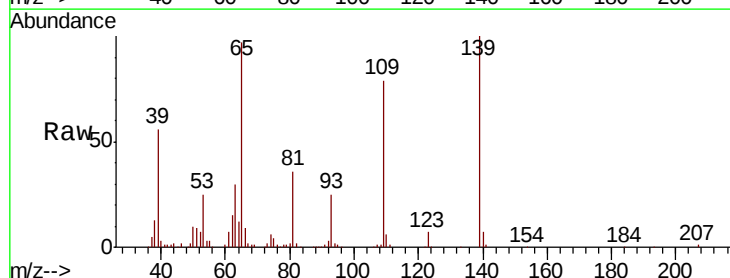
Instrument :
 BNA_M
 ClientSampleId :

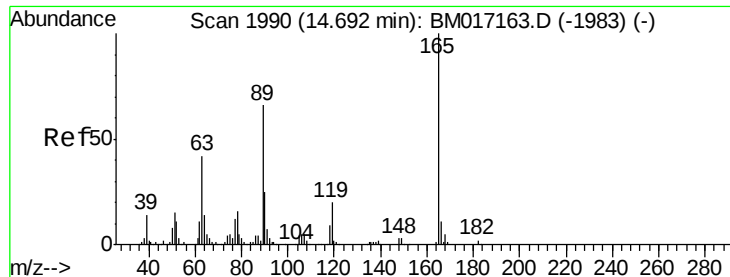
Tot Ion:168 Resp: 2077064
 Ion Ratio Lower Upper
 168 100
 139 38.1 29.3 43.9
 169 13.3 10.6 15.8



#56
 4-Nitrophenol
 Concen: 40.617 ng
 RT: 14.54 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

Tgt Ion:139 Resp: 331278
 Ion Ratio Lower Upper
 139 100
 109 79.3 51.8 91.8
 65 97.0 72.1 112.1

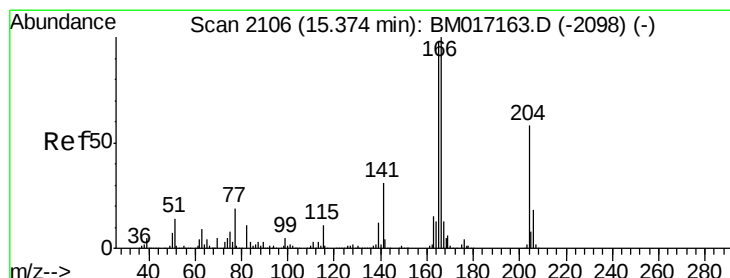
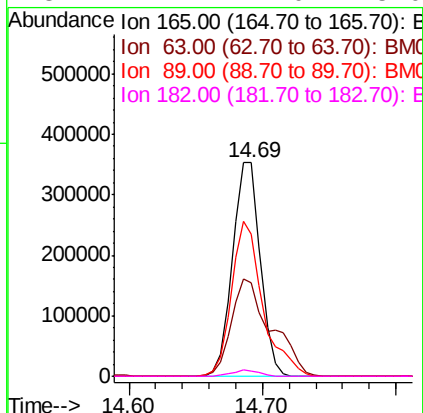
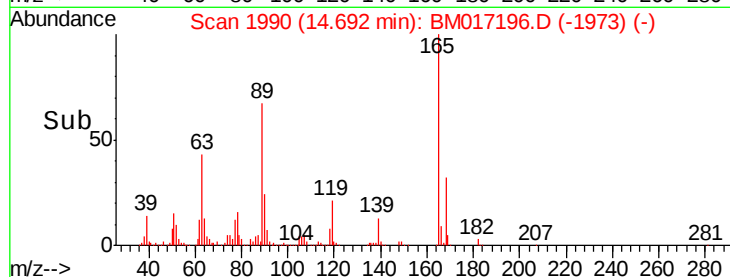
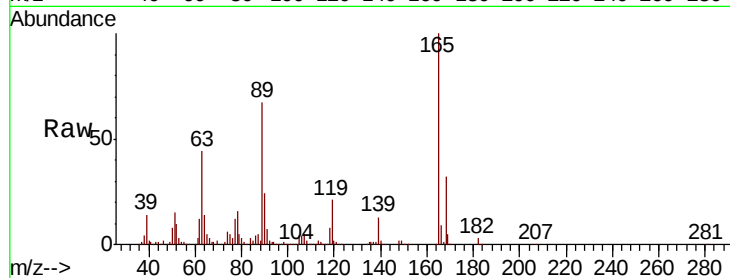




#57
 2,4-Dinitrotoluene
 Concen: 43.312 ng
 RT: 14.69 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

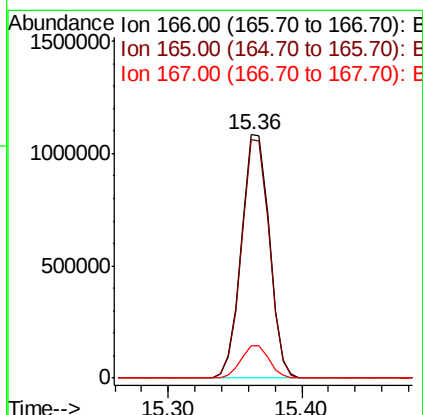
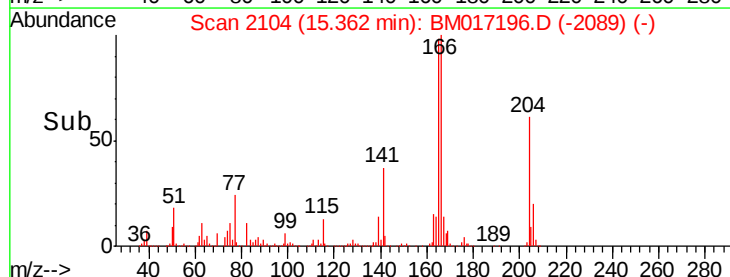
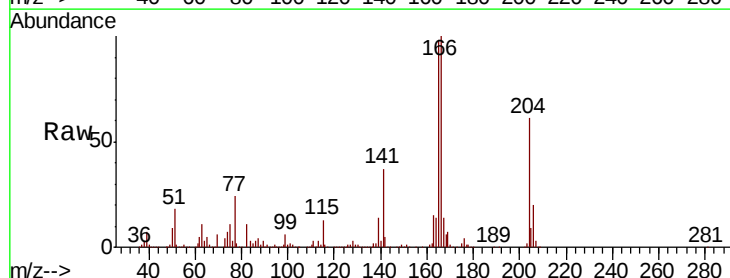
Instrument :
 BNA_M
 ClientSampled :

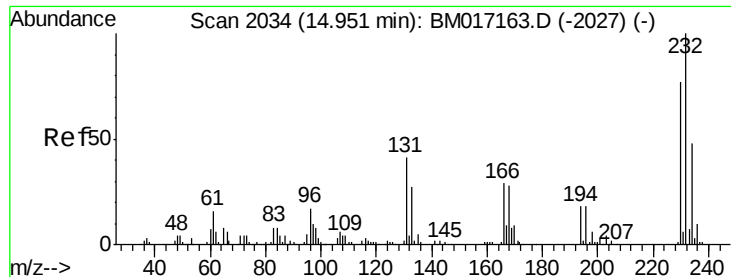
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.5	33.8	50.8
89	66.7	53.1	79.7
182	2.7	2.0	3.0



#58
 Fluorene
 Concen: 40.847 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.1	117.1
167	13.5	10.6	16.0

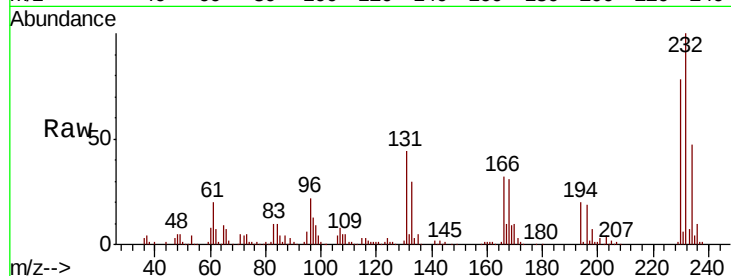




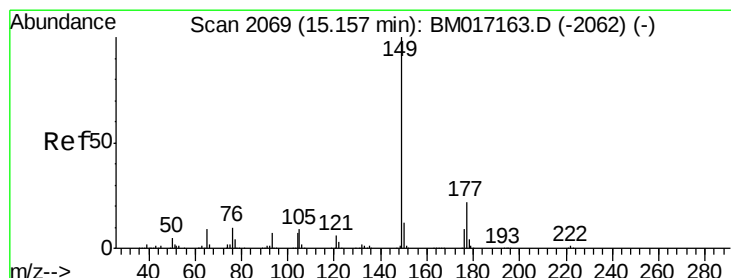
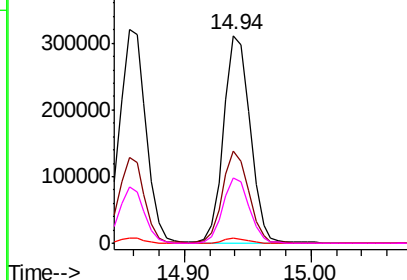
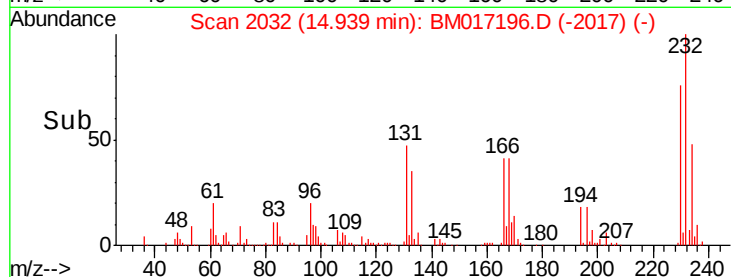
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.245 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Instrument :
BNA_M
ClientSampled :

Tot Ion:232 Resp: 447700
Ion Ratio Lower Upper
232 100
131 44.3 33.1 49.7
130 2.4 1.7 2.5
166 31.8 24.4 36.6

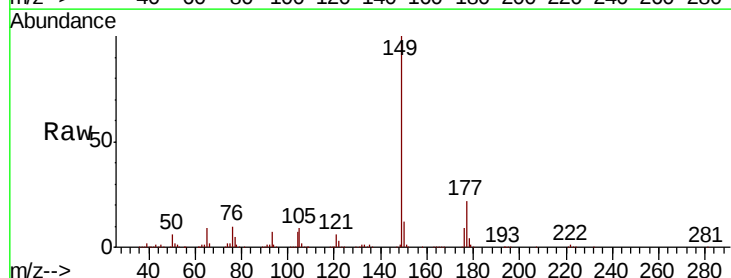


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

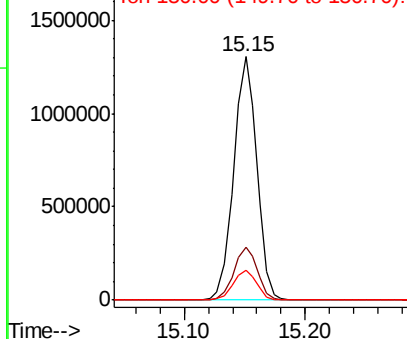
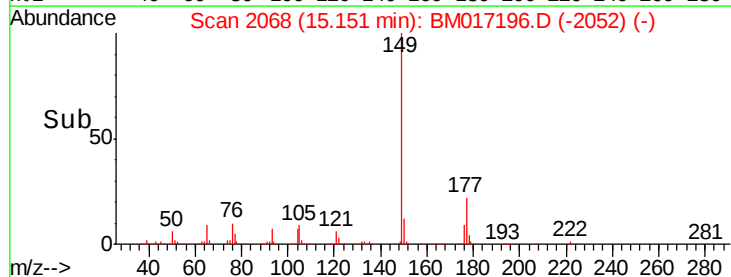


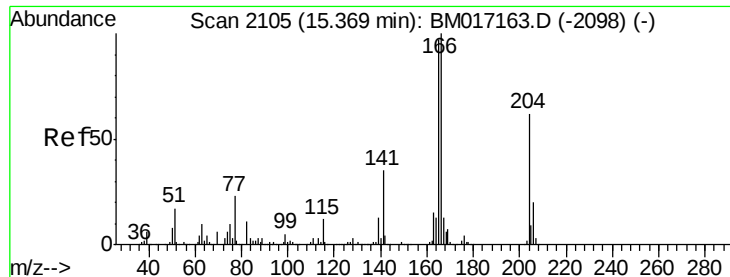
#60
Diethylphthalate
Concen: 43.738 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Tgt Ion:149 Resp: 1733735
Ion Ratio Lower Upper
149 100
177 22.0 17.7 26.5
150 12.3 10.0 15.0



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

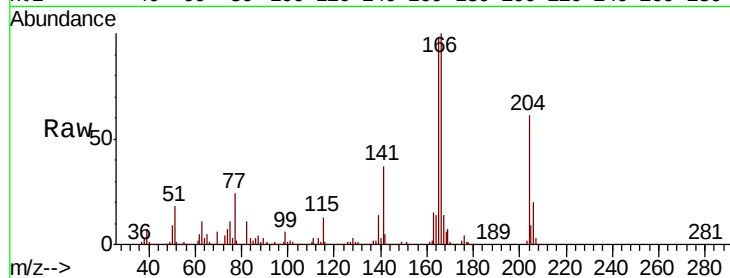




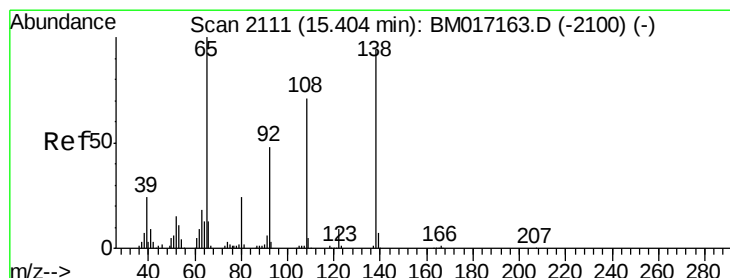
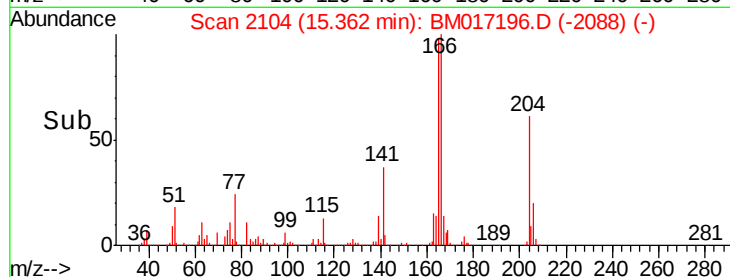
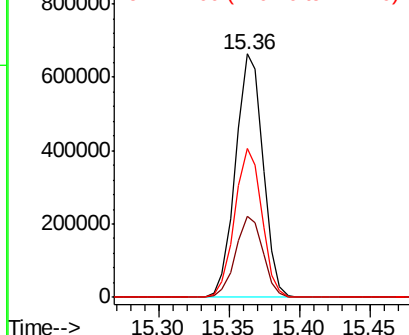
#61
4-Chlorophenyl-phenylether
Concen: 41.041 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 898978
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 61.3 45.4 68.2

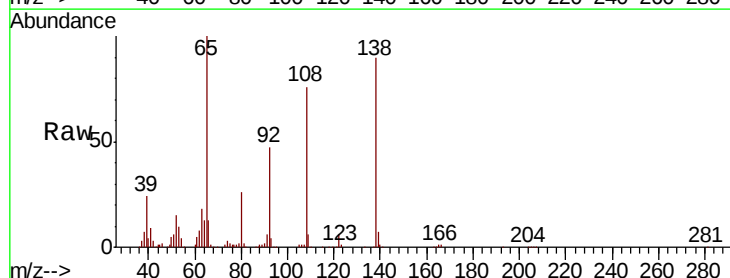


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

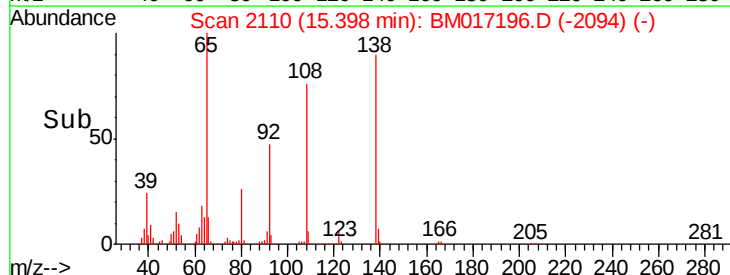
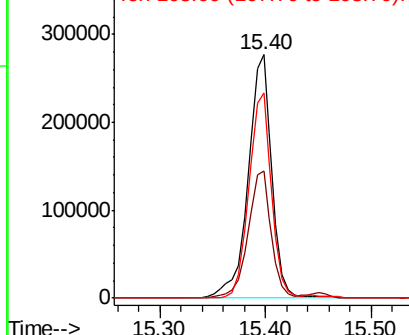


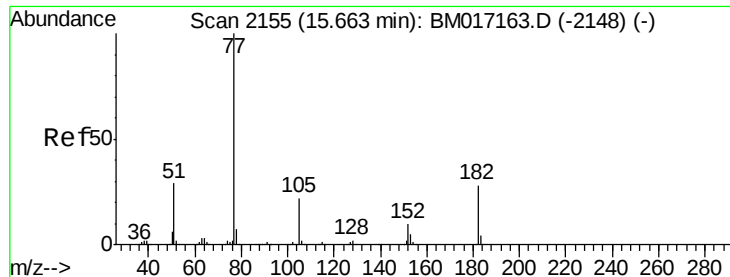
#62
4-Nitroaniline
Concen: 41.430 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Tgt Ion:138 Resp: 432854
Ion Ratio Lower Upper
138 100
92 52.4 31.2 71.2
108 84.5 55.5 95.5



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





#63

Azobenzene

Concen: 41.851 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1612464

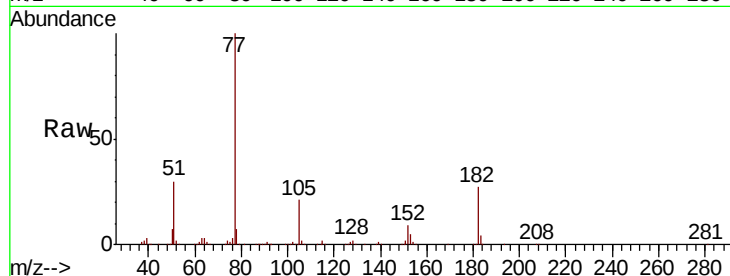
Ion	Ratio	Lower	Upper
77	100		
182	26.6	8.3	48.3
105	20.8	1.5	41.5
51	30.4	8.8	48.8

77 100

182 26.6 8.3 48.3

105 20.8 1.5 41.5

51 30.4 8.8 48.8



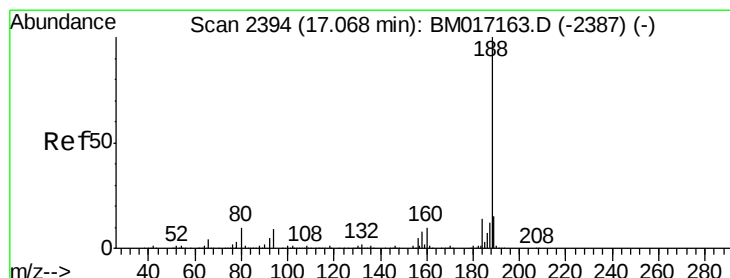
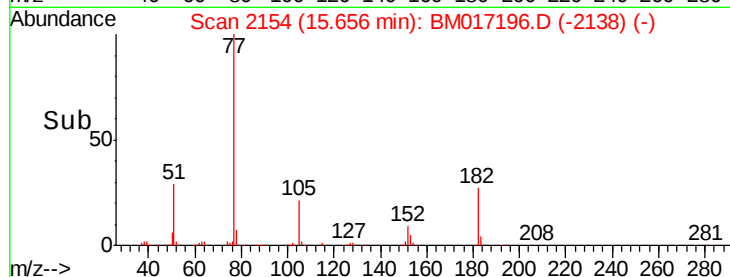
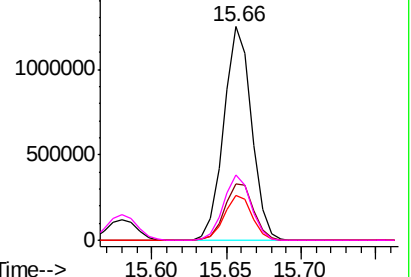
Abundance

Ion 77.00 (76.70 to 77.70): BM017196.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM017196.D (-2138) (-)

Ion 105.00 (104.70 to 105.70): BM017196.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM017196.D (-2138) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

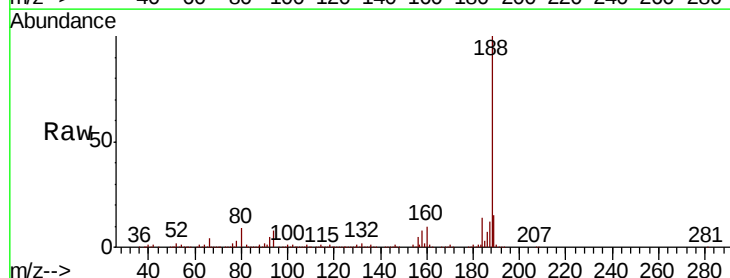
Tgt Ion: 188 Resp: 1235665

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.4
80	9.1	7.7	11.5

188 100

94 8.4 7.0 10.4

80 9.1 7.7 11.5

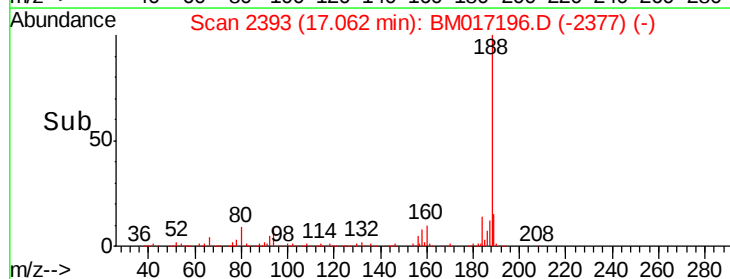
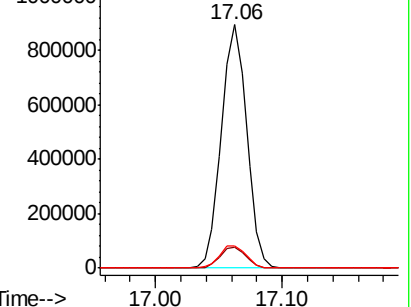


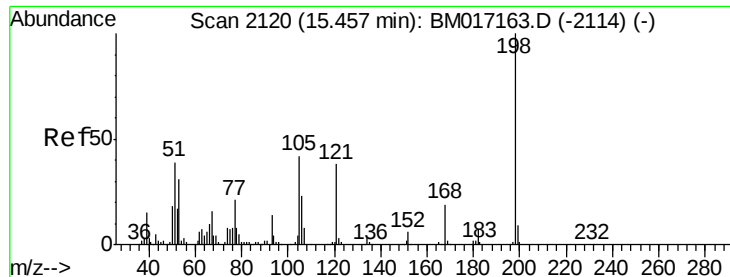
Abundance

Ion 188.00 (187.70 to 188.70): BM017196.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017196.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017196.D (-2377) (-)

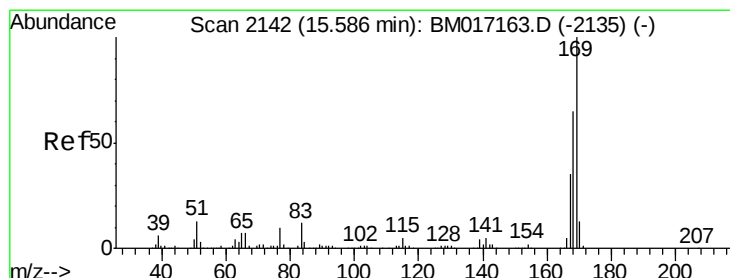
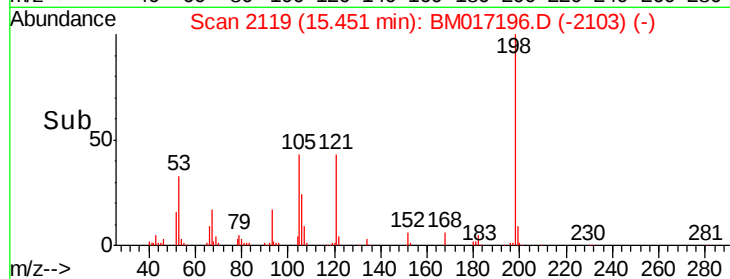
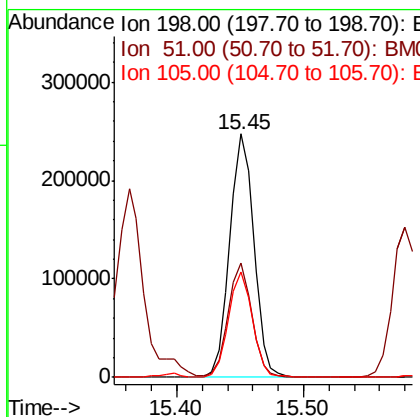
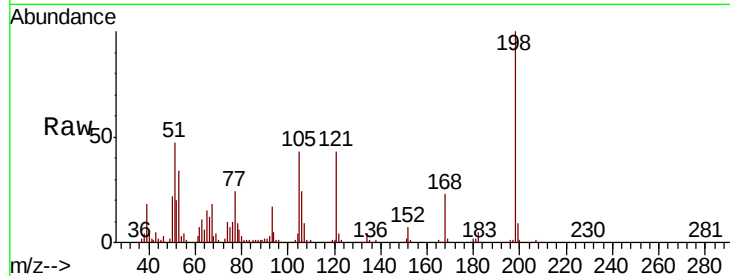




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.090 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

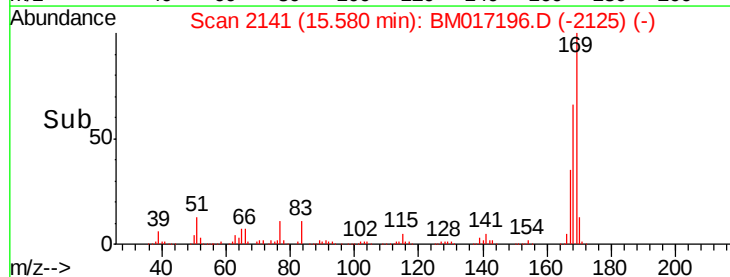
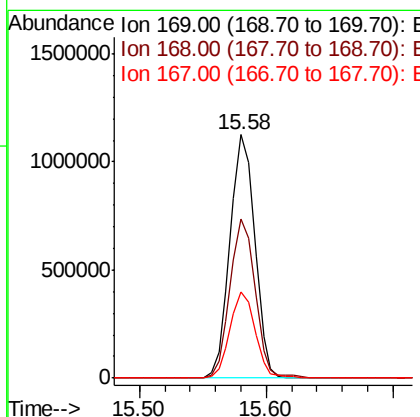
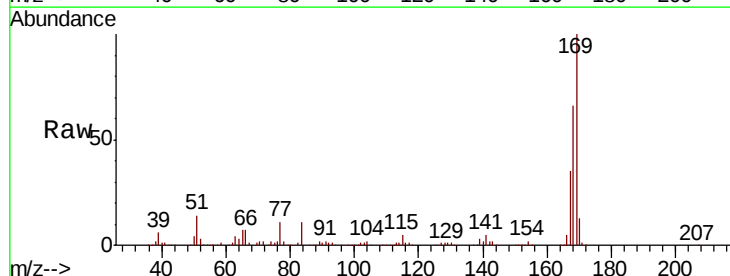
Instrument :
 BNA_M
 ClientSampleId :

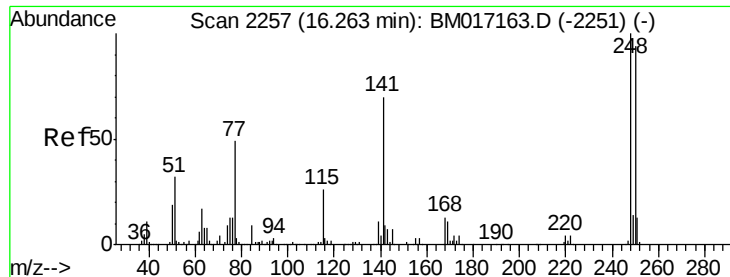
Tot Ion	198	Resp	325972
Ion Ratio	100	Lower	Upper
51	46.7	20.3	60.3
105	43.0	21.9	61.9



#66
 n-Nitrosodiphenylamine
 Concen: 40.824 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

Tgt Ion	169	Resp	1526180
Ion Ratio	100	Lower	Upper
168	65.6	52.2	78.4
167	35.2	28.4	42.6

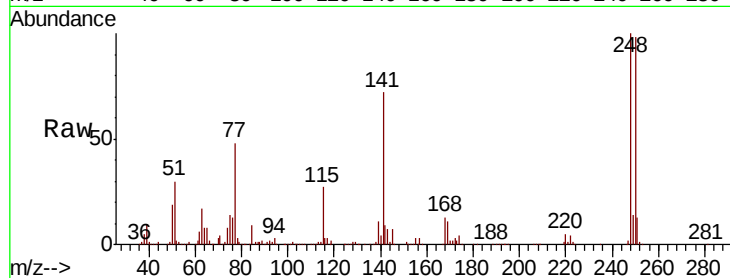




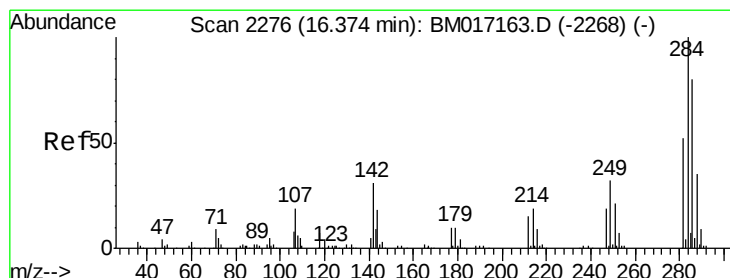
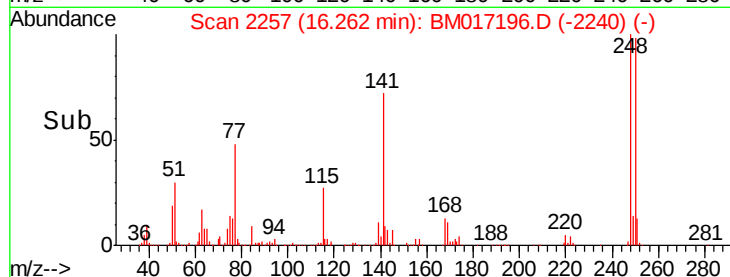
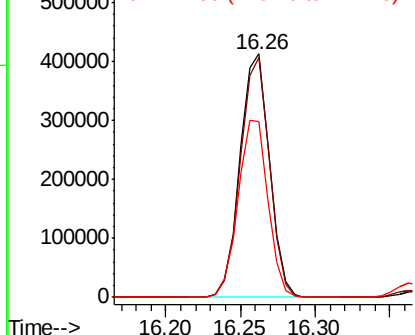
#67
4-Bromophenyl-phenylether
Concen: 41.632 ng
RT: 16.26 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 564845
Ion Ratio Lower Upper
248 100
250 98.3 75.1 112.7
141 72.0 55.6 83.4

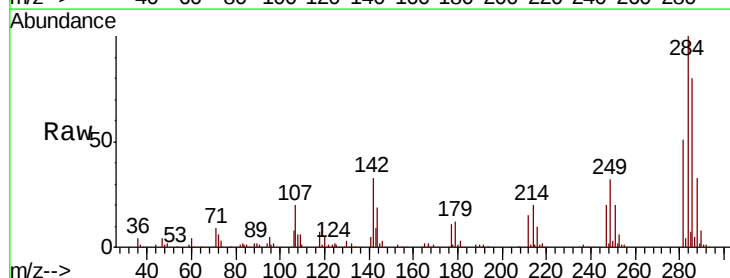


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

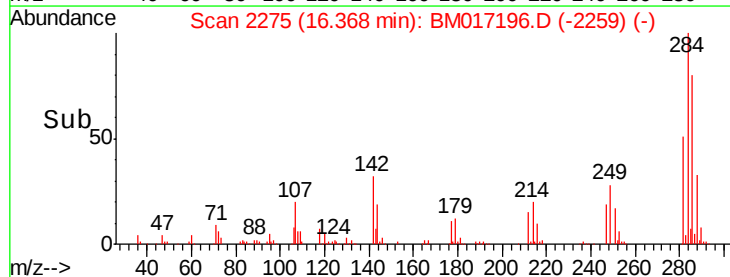
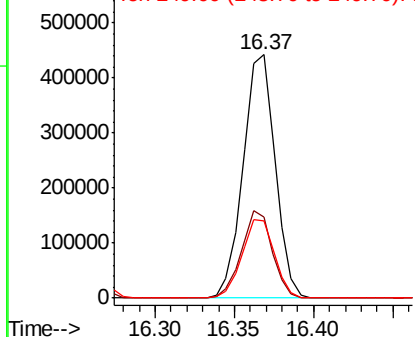


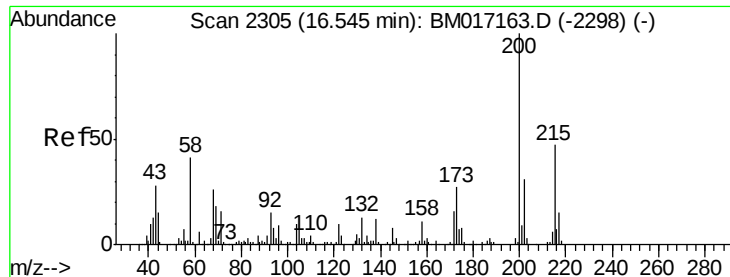
#68
Hexachlorobenzene
Concen: 39.375 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Tgt Ion:284 Resp: 620553
Ion Ratio Lower Upper
284 100
142 33.1 25.0 37.6
249 31.6 25.5 38.3



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

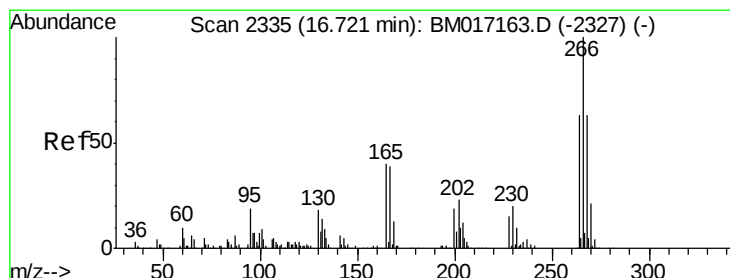
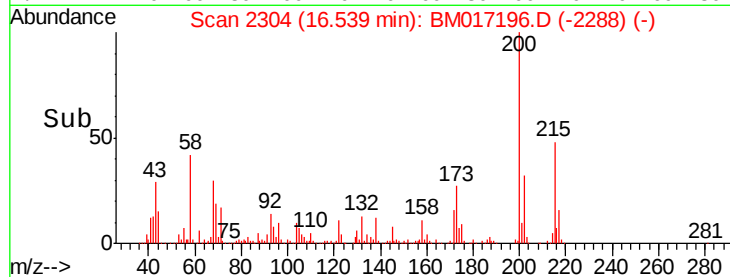
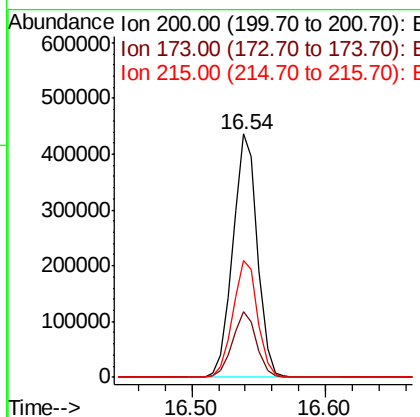
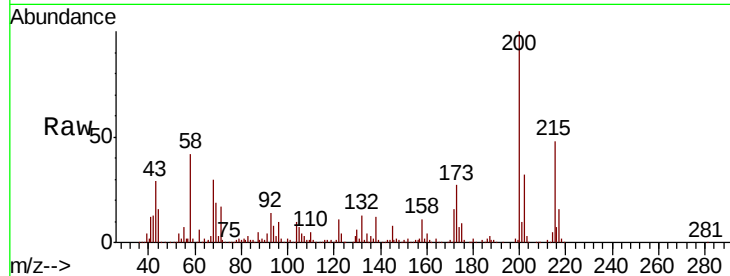




#69
 Atrazine
 Concen: 41.684 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

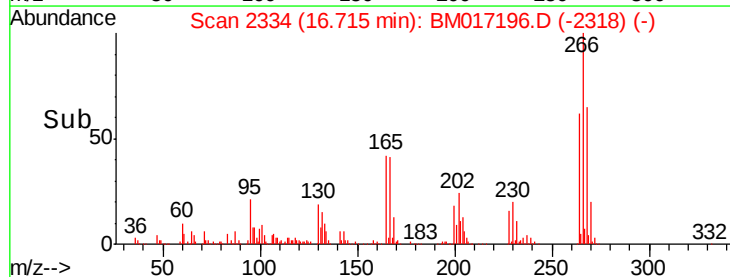
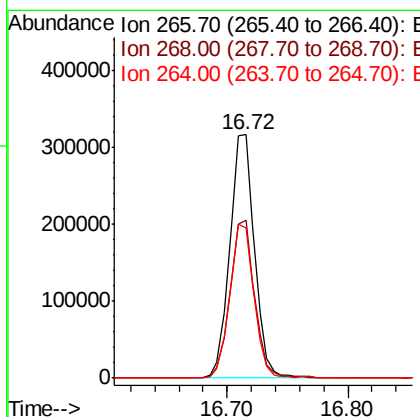
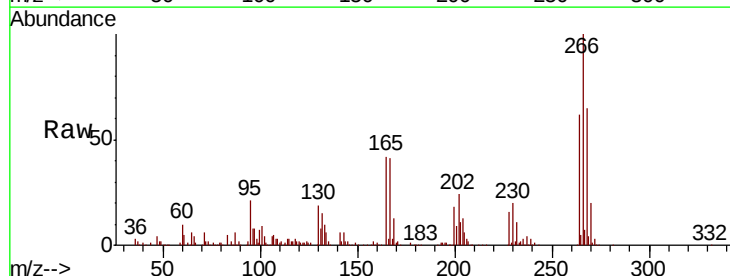
Instrument :
 BNA_M
 ClientSampleId :

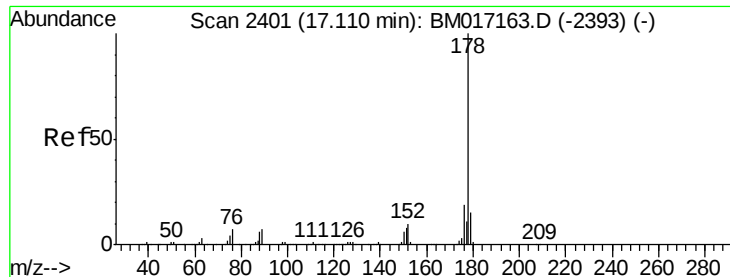
Tot Ion:200 Resp: 557743
 Ion Ratio Lower Upper
 200 100
 173 26.8 7.0 47.0
 215 48.3 27.3 67.3



#70
 Pentachlorophenol
 Concen: 41.924 ng
 RT: 16.72 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

Tgt Ion:266 Resp: 452626
 Ion Ratio Lower Upper
 266 100
 268 64.6 50.7 76.1
 264 61.7 50.4 75.6

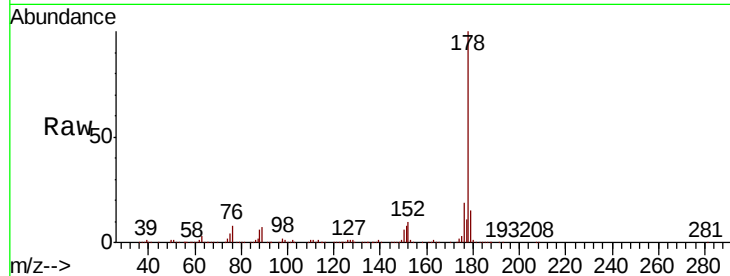




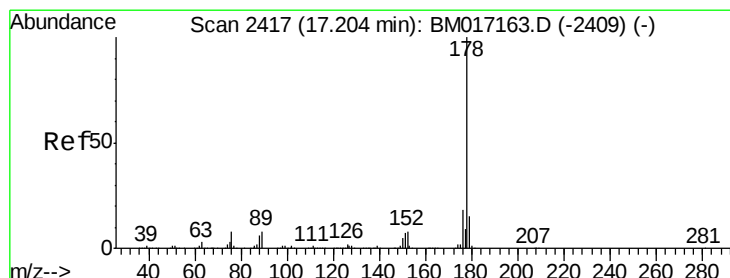
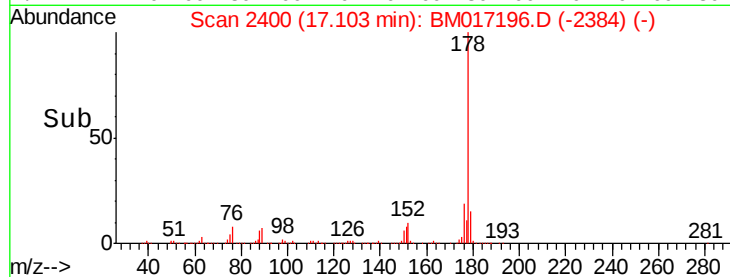
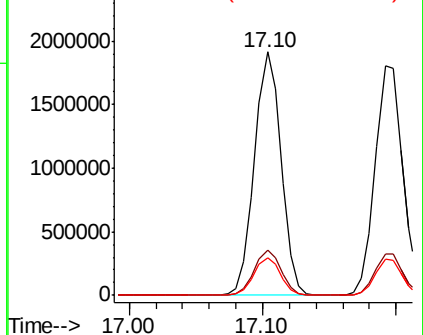
#71
Phenanthrene
Concen: 39.386 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 2625802
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.2 12.3 18.5

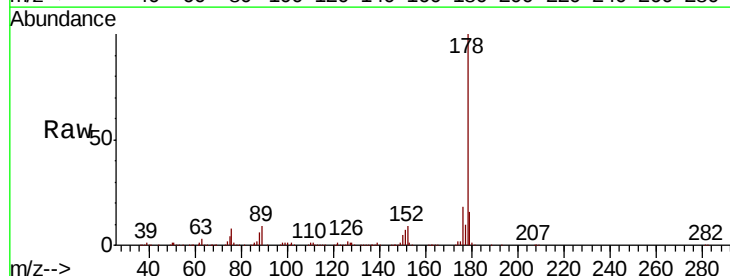


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

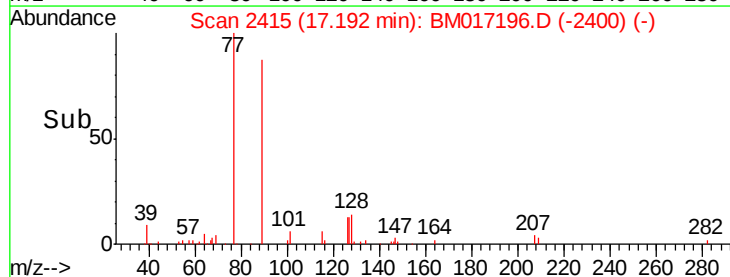
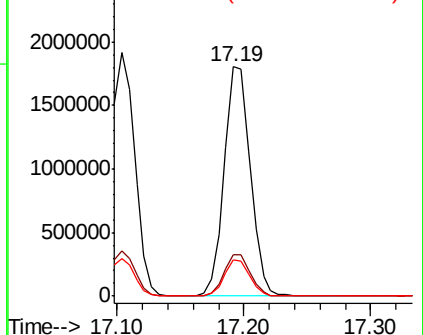


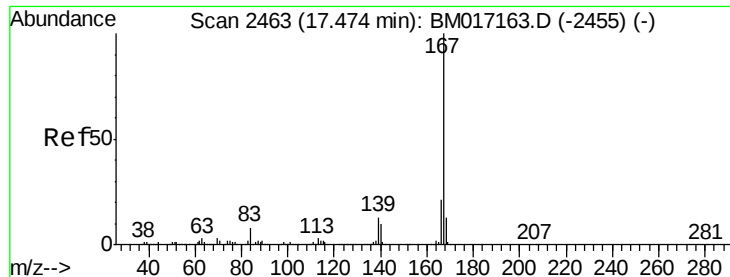
#72
Anthracene
Concen: 40.711 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Tgt Ion:178 Resp: 2578882
Ion Ratio Lower Upper
178 100
176 17.8 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



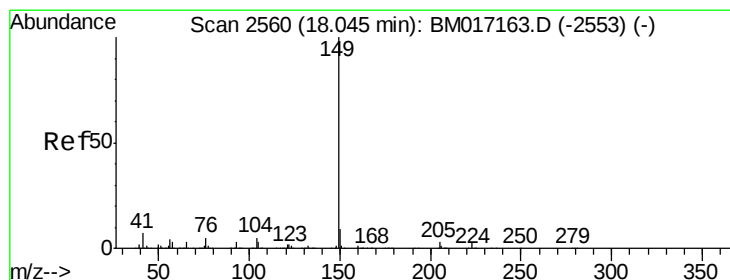
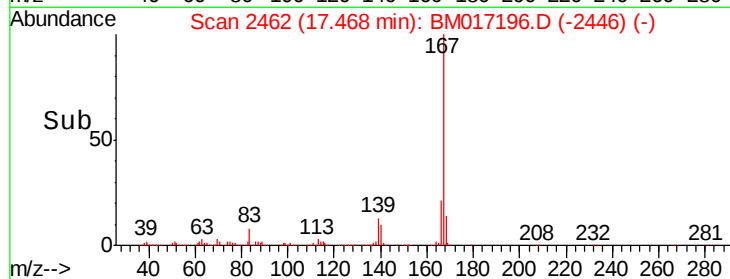
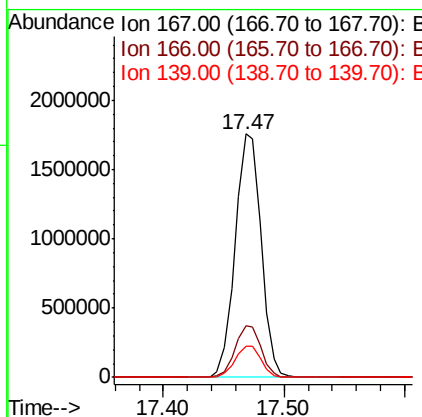
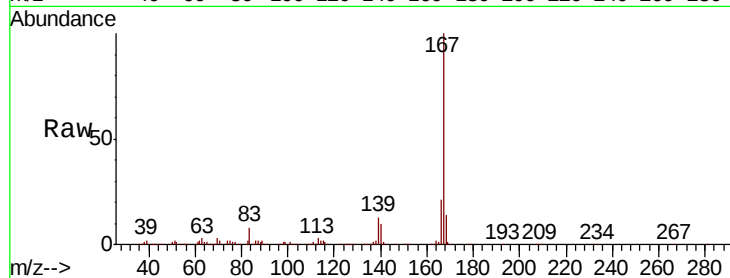


#73
 Carbazole
 Concen: 40.776 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 2638569

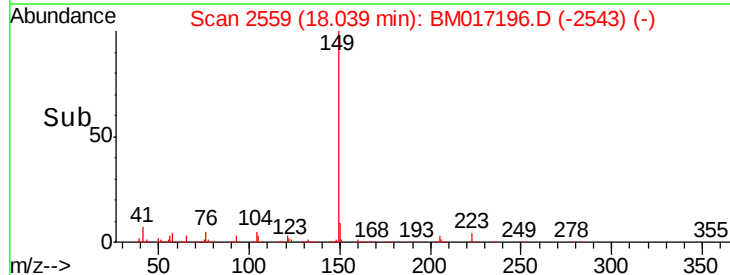
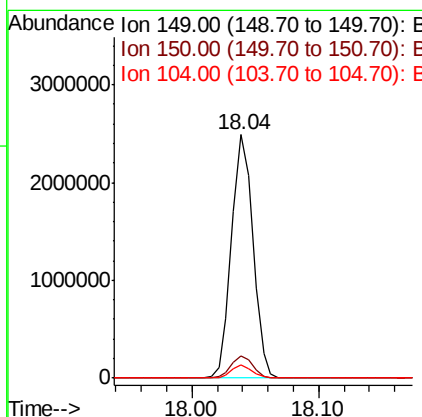
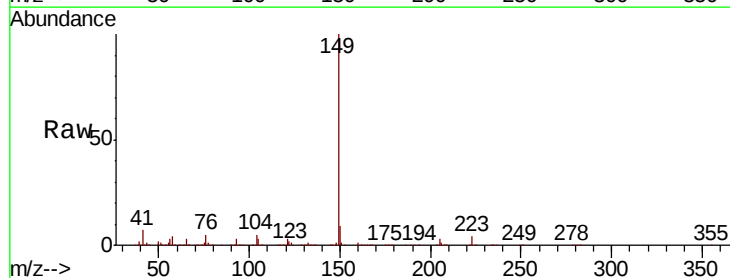
Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.1	25.7
139	12.8	10.1	15.1

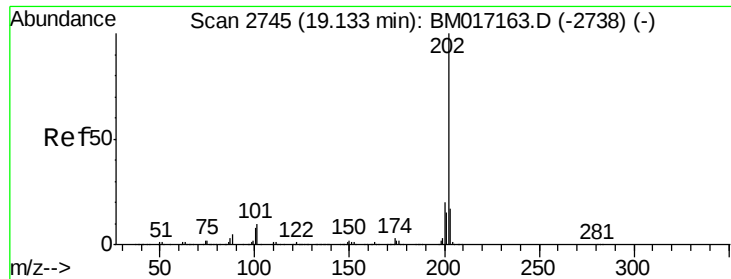


#74
 Di-n-butylphthalate
 Concen: 42.736 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

Tgt Ion:149 Resp: 2916723

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 41.115 ng

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

Instrument :

BNA_M

ClientSampleId :

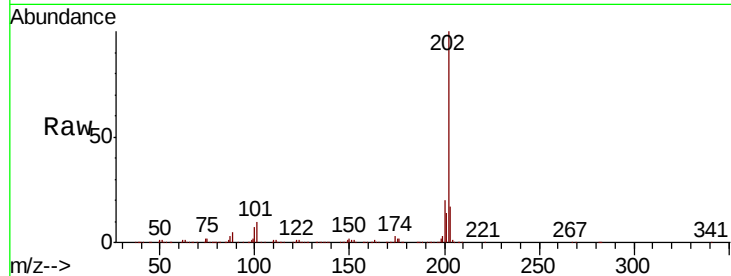
Tot Ion:202 Resp: 3084412

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.0

203 17.1 0.0 37.2

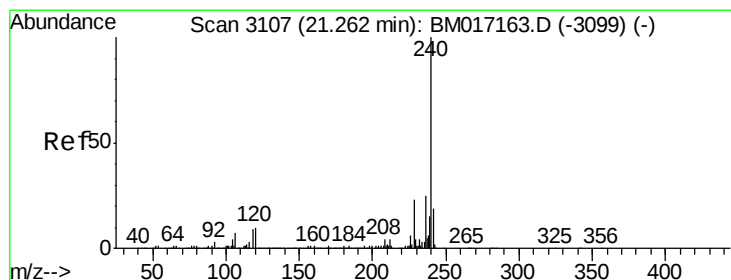
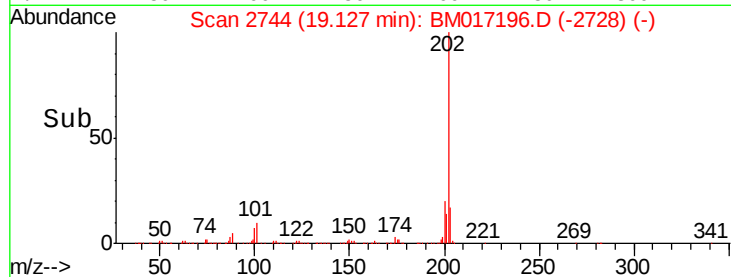
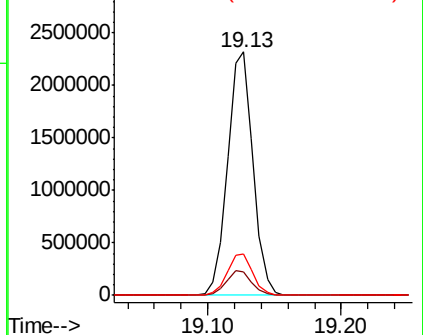


Abundance

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: 21.26 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

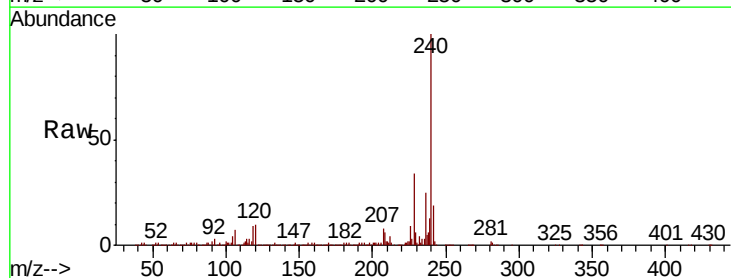
Tgt Ion:240 Resp: 1434973

Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

236 25.5 19.9 29.9

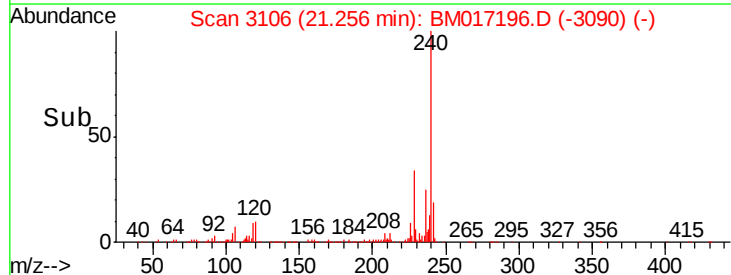
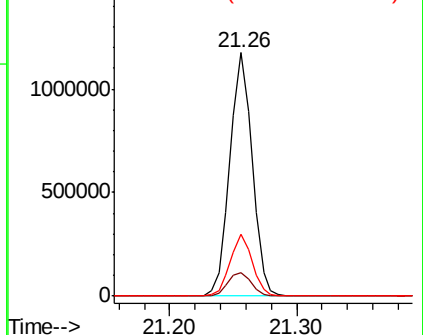


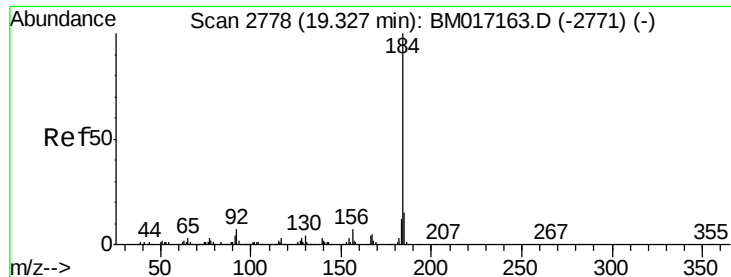
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.389 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

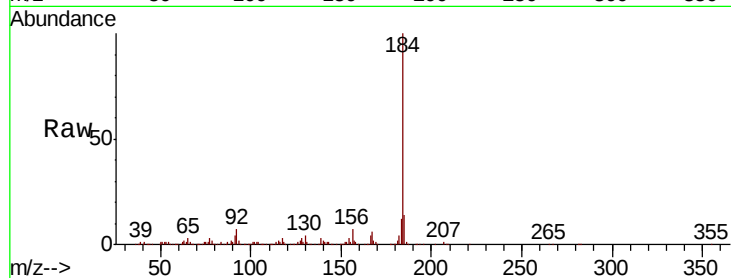
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1651515

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.8	17.8
183	11.9	9.7	14.5

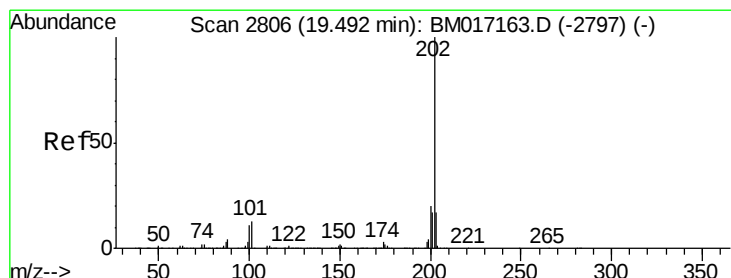
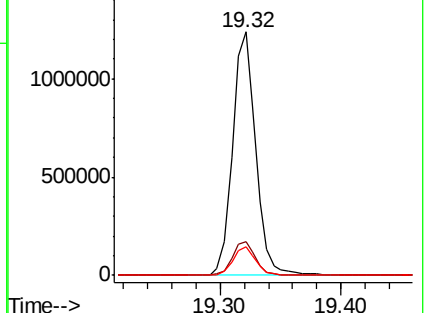
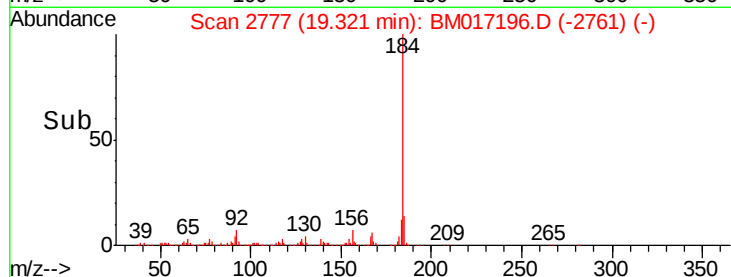


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.621 ng

RT: 19.49 min Scan# 2806

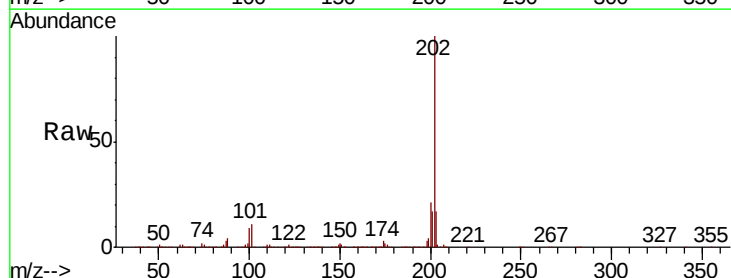
Delta R.T. -0.00 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

Tgt Ion:202 Resp: 3257882

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.4	13.9	20.9

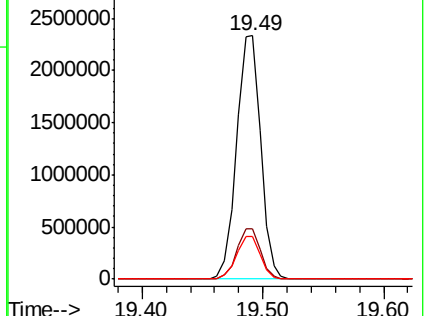
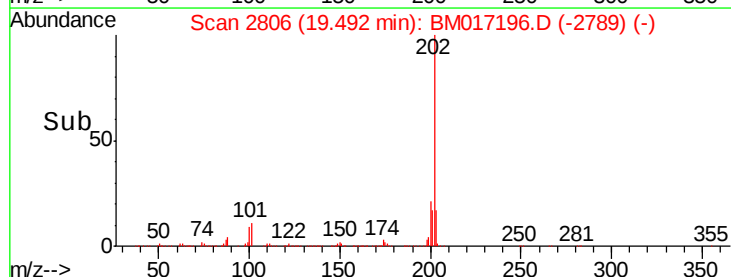


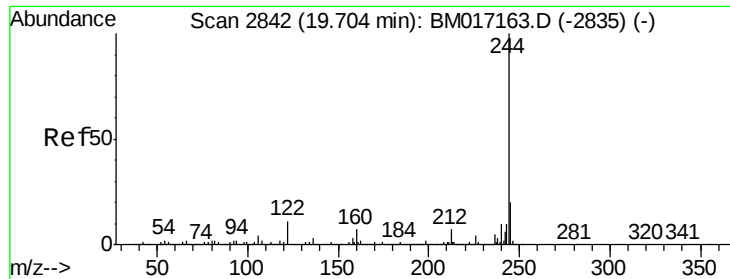
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.385 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

Instrument :

BNA_M

ClientSampled :

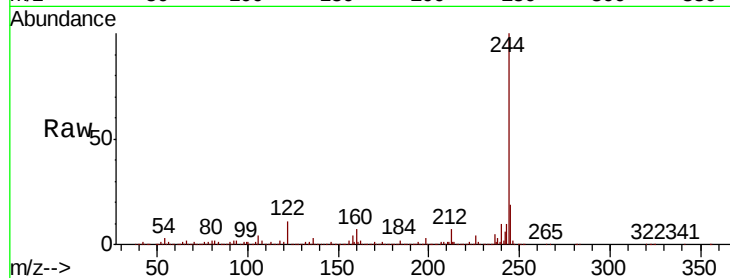
Tot Ion:244 Resp: 5181211

Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

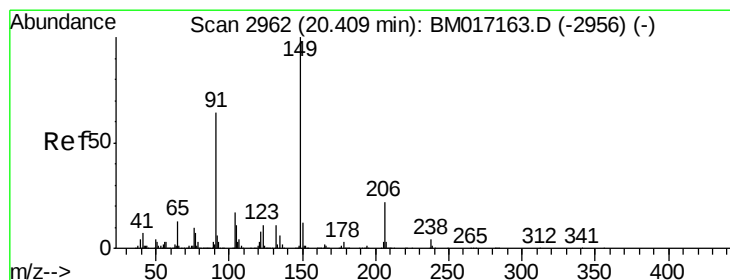
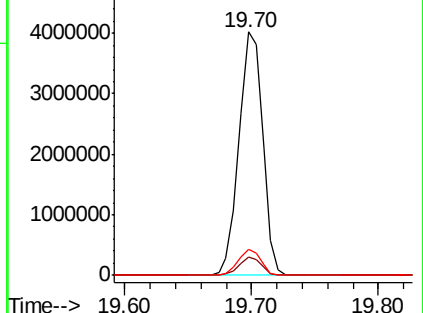
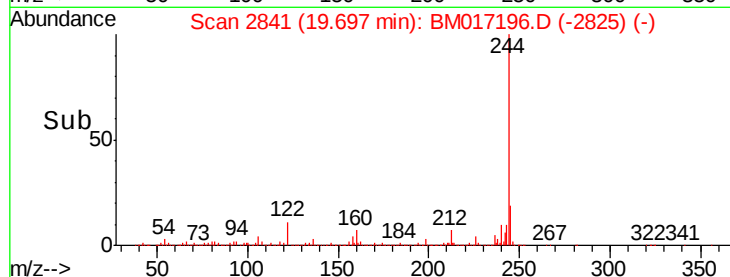
122 10.6 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.508 ng

RT: 20.40 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

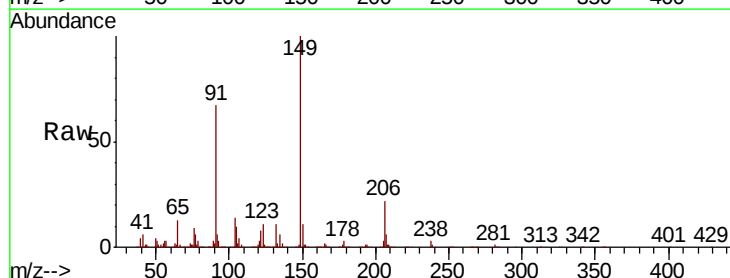
Tgt Ion:149 Resp: 1339593

Ion Ratio Lower Upper

149 100

91 67.2 51.3 76.9

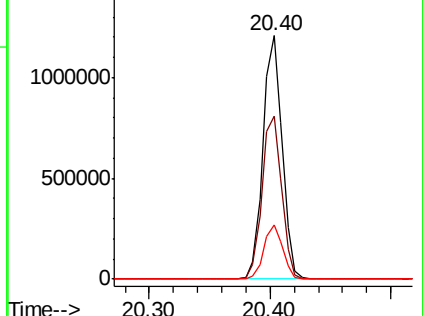
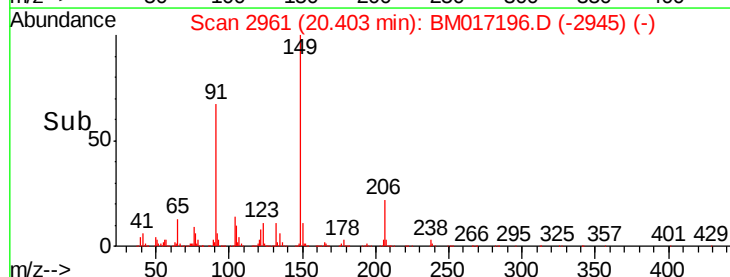
206 22.2 18.0 27.0

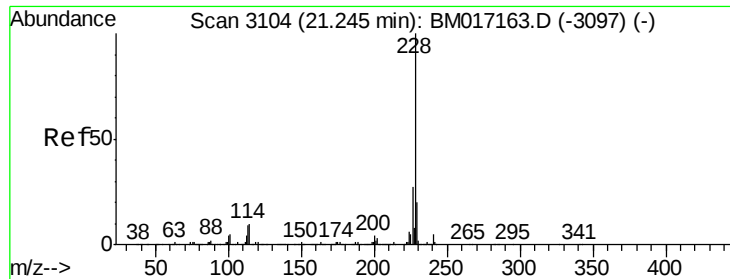


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.535 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

Instrument :

BNA_M

ClientSampleId :

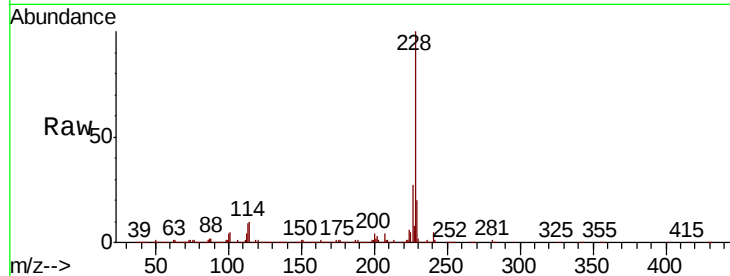
Tot Ion:228 Resp: 3273247

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.4	32.0
229	19.6	15.9	23.9

228 100

226 26.6 21.4 32.0

229 19.6 15.9 23.9

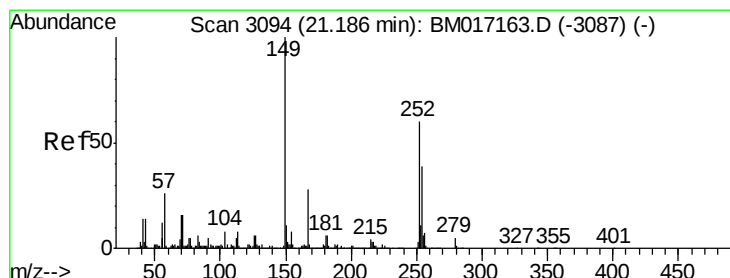
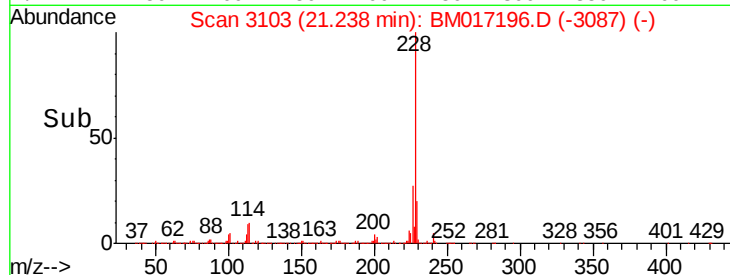
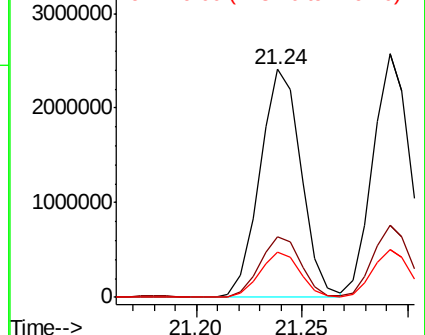


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.912 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

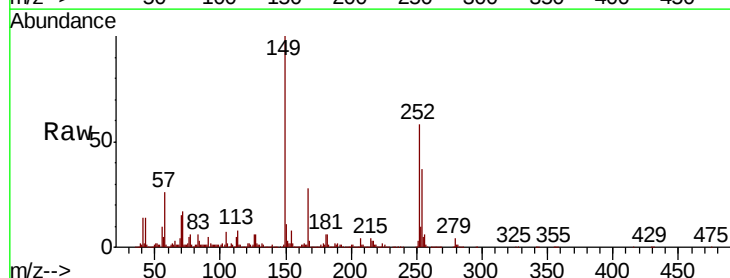
Tgt Ion:252 Resp: 1291492

Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.1	78.1
126	10.7	8.6	12.8

252 100

254 63.7 52.1 78.1

126 10.7 8.6 12.8

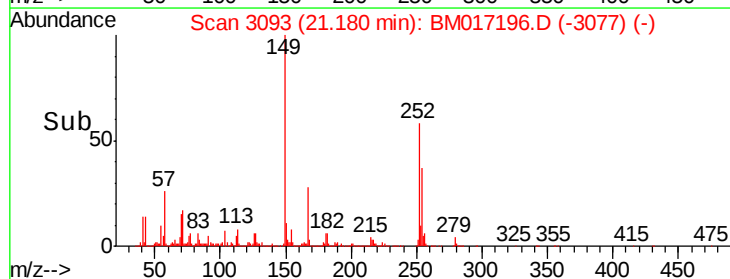
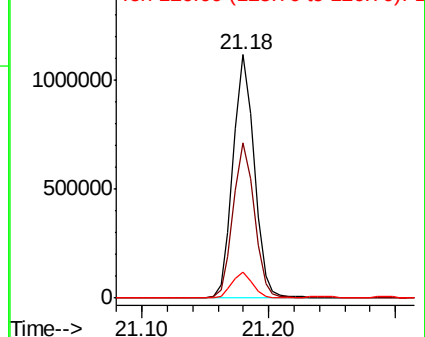


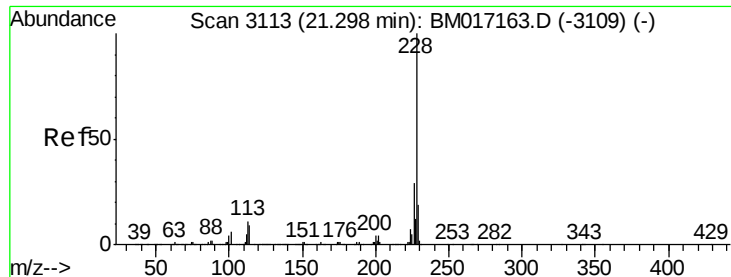
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

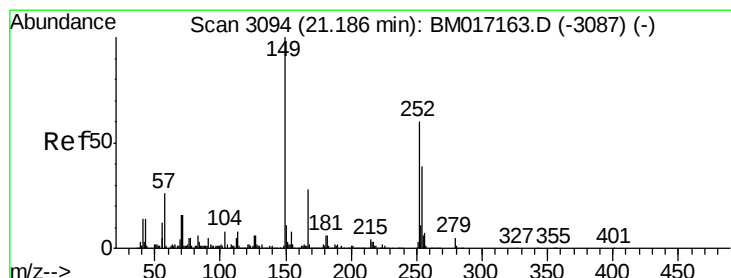
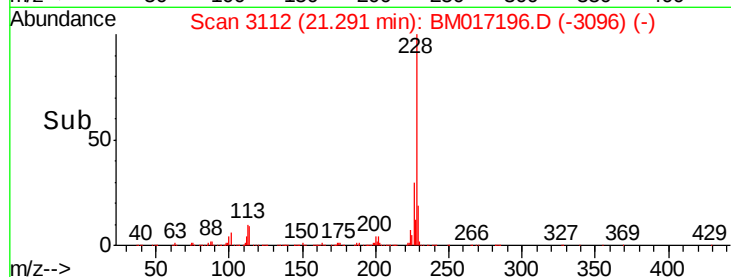
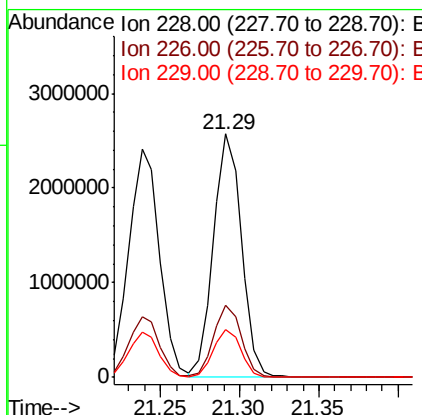
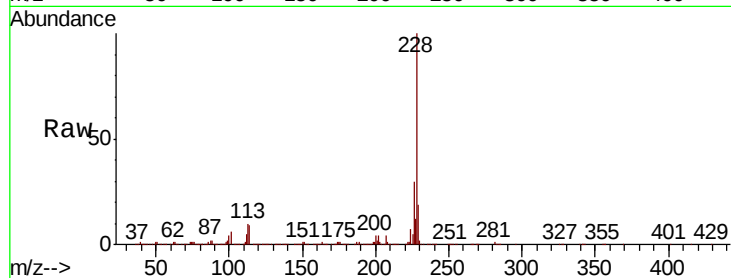




#83
 Chrvsene
 Concen: 39.632 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

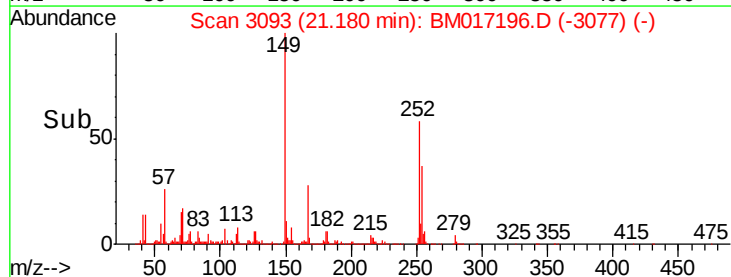
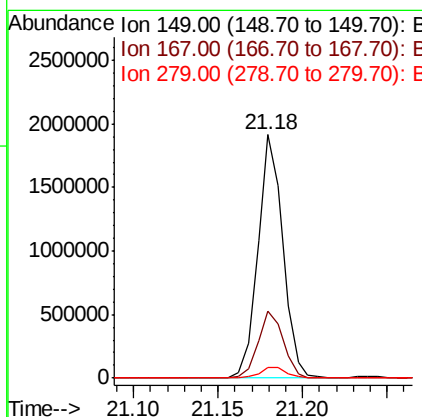
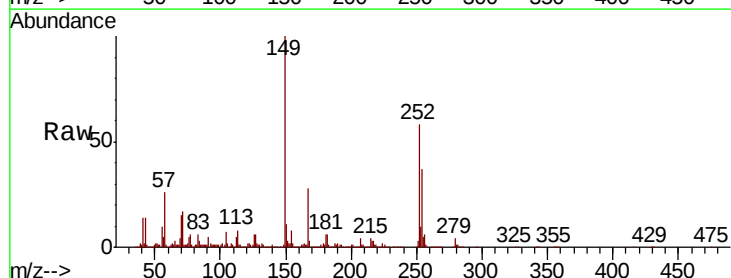
Instrument :
 BNA_M
 ClientSampleId :

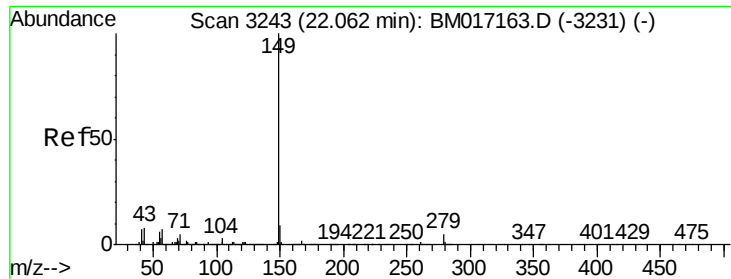
Tot Ion:228 Resp: 3167681
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.3 34.9
 229 19.5 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.763 ng
 RT: 21.18 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM017196.D
 Acq: 18 Oct 2018 17:10

Tgt Ion:149 Resp: 1966375
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.2 33.4
 279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 41.586 ng

RT: 22.06 min Scan# 3242

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

Instrument :

BNA_M

ClientSampleId :

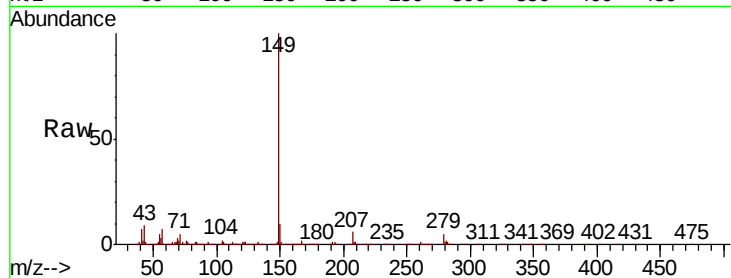
Tot Ion:149 Resp: 3223056

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

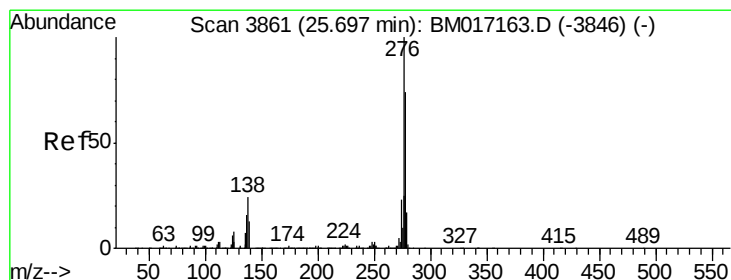
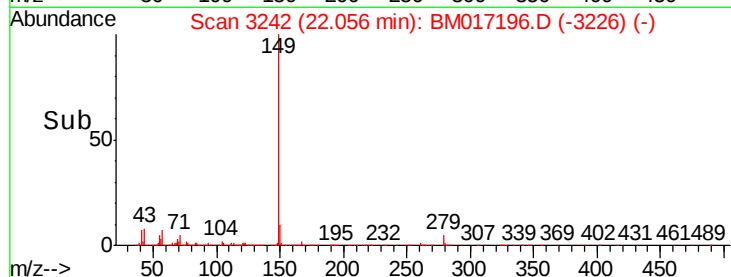
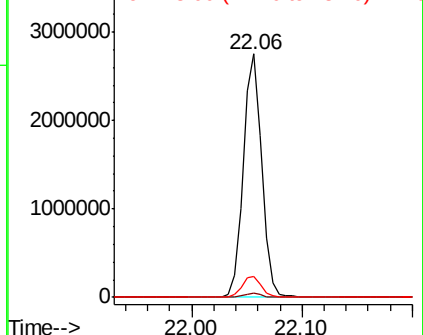
43 9.0 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.329 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BM017196.D

Acq: 18 Oct 2018 17:10

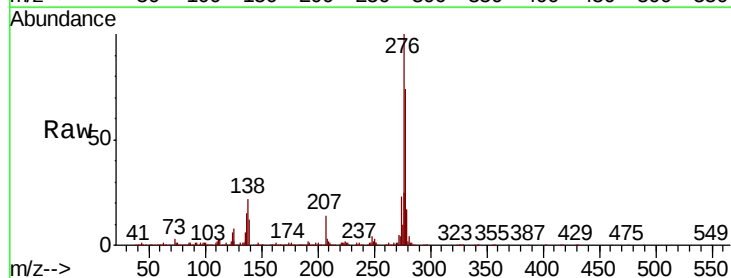
Tgt Ion:276 Resp: 3605333

Ion Ratio Lower Upper

276 100

138 22.9 19.5 29.3

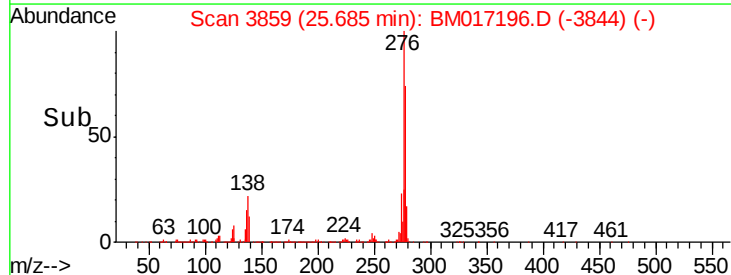
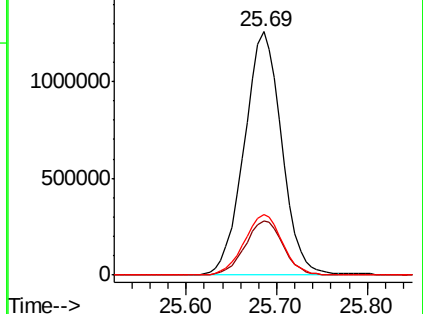
277 25.3 20.1 30.1

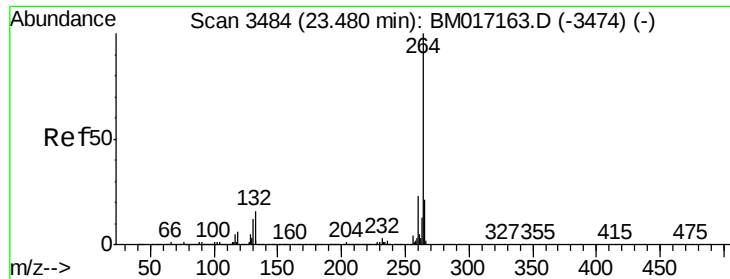


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



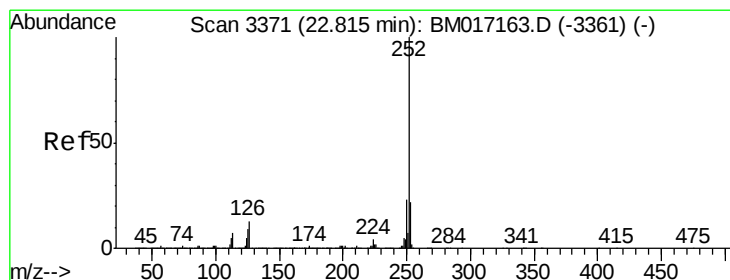
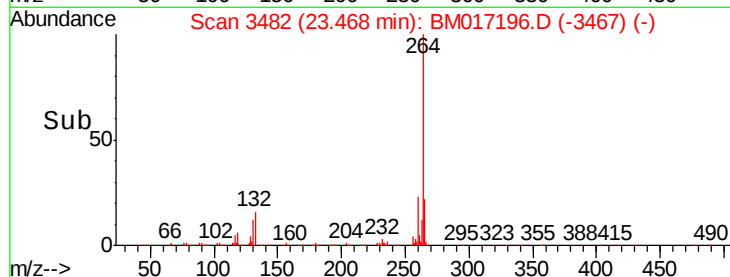
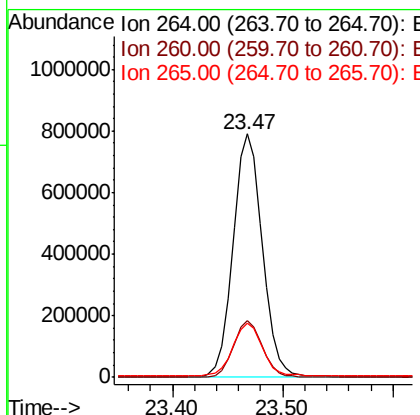
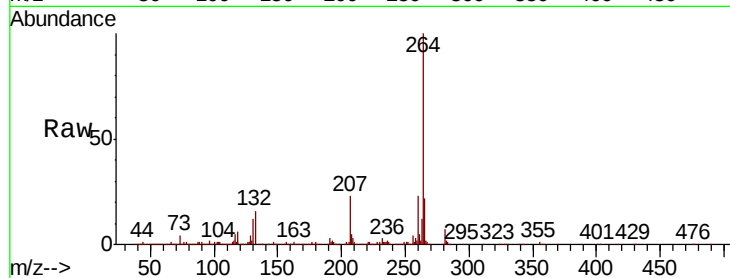


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1478379

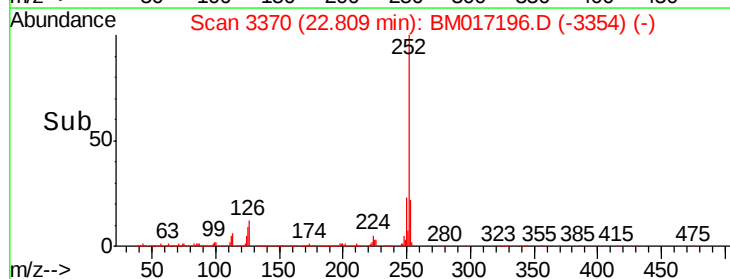
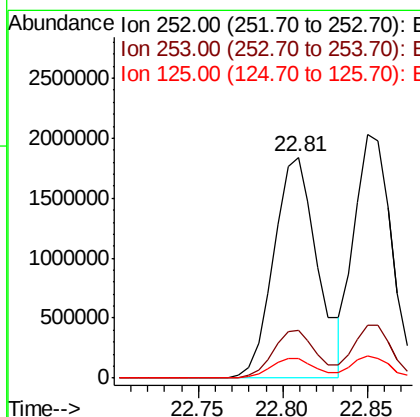
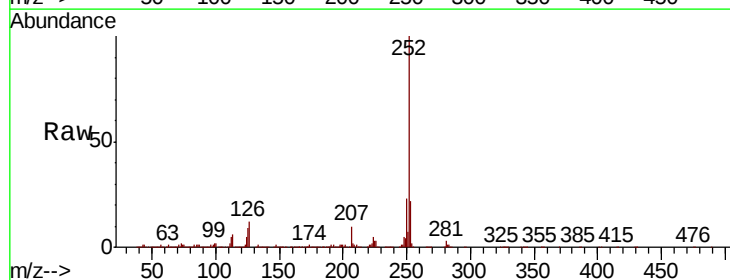
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	22.5	17.8	26.8

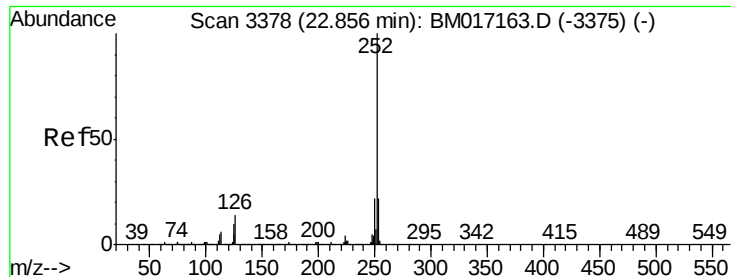


#88
Benzo(b)fluoranthene
Concen: 41.105 ng
RT: 22.81 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Tgt Ion:252 Resp: 3322451

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.1	7.5	11.3

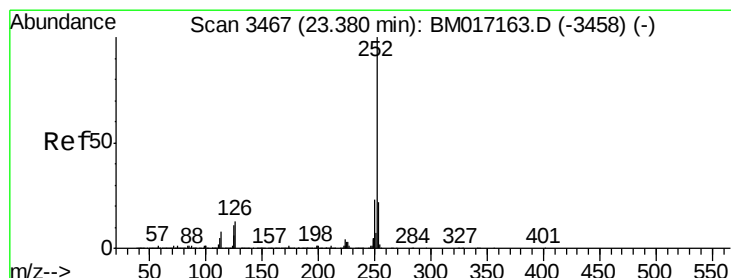
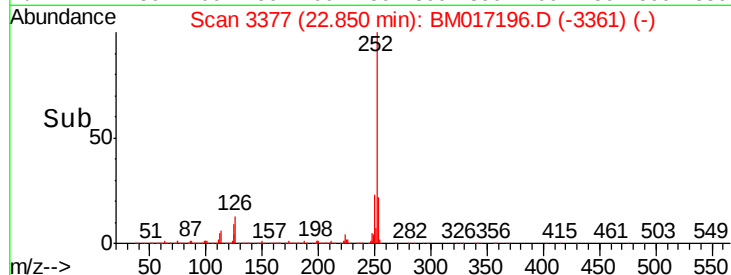
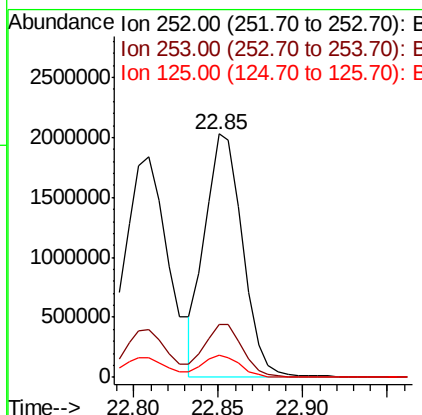
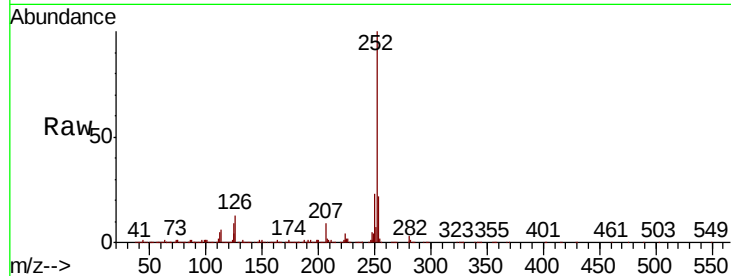




#89
Benzo(k)fluoranthene
Concen: 38.639 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

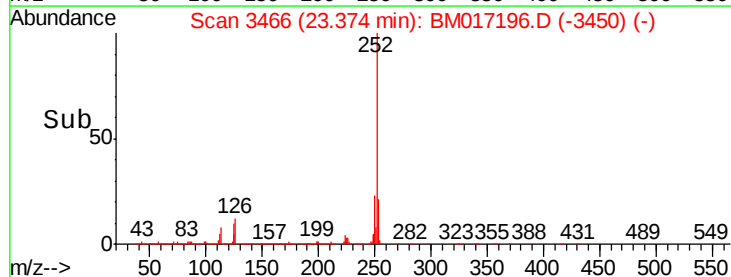
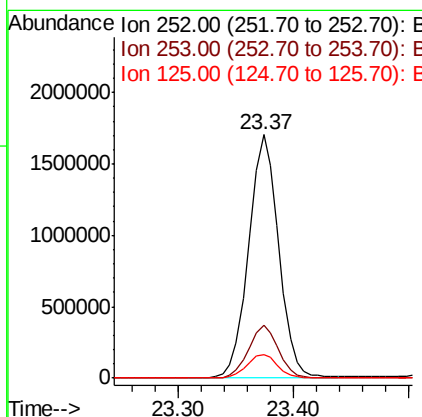
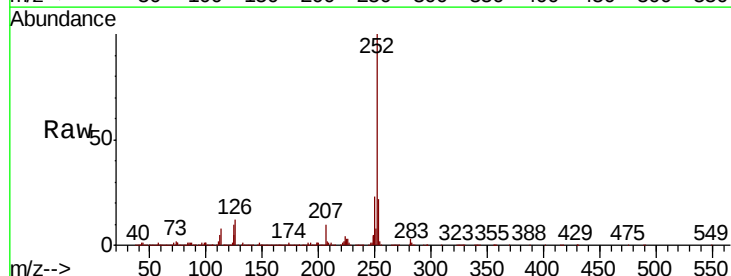
Instrument :
BNA_M
ClientSampleId :

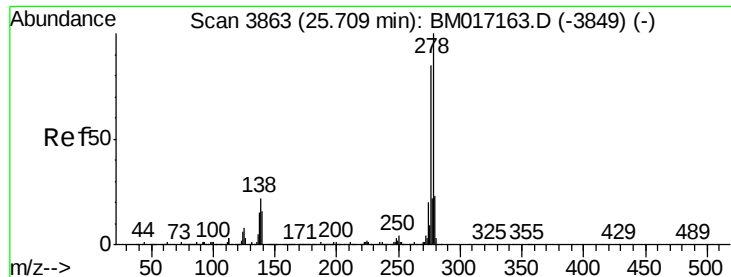
Tot Ion:252 Resp: 3133799
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.3 8.2 12.2



#90
Benzo(a)pyrene
Concen: 40.171 ng
RT: 23.37 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Tgt Ion:252 Resp: 3082853
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 9.7 8.6 13.0

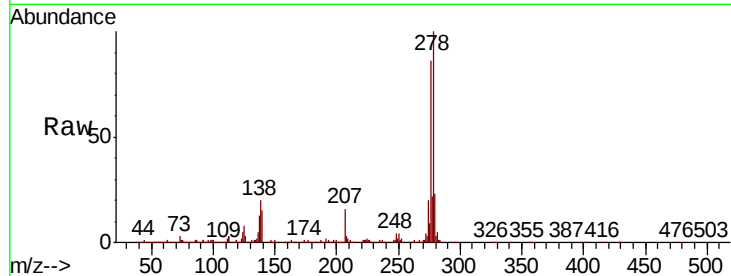




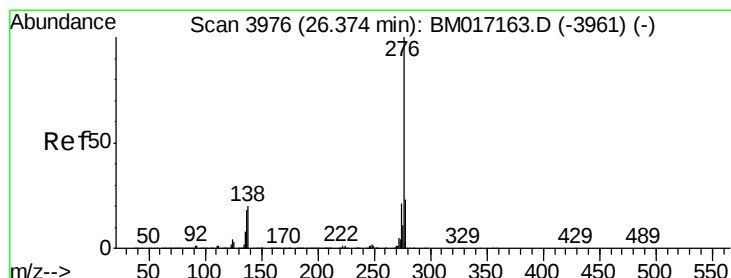
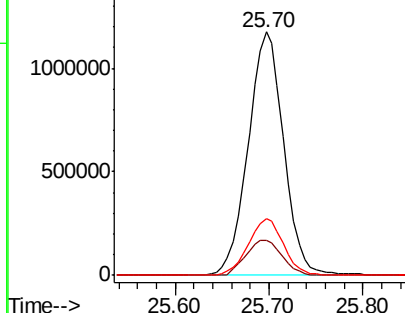
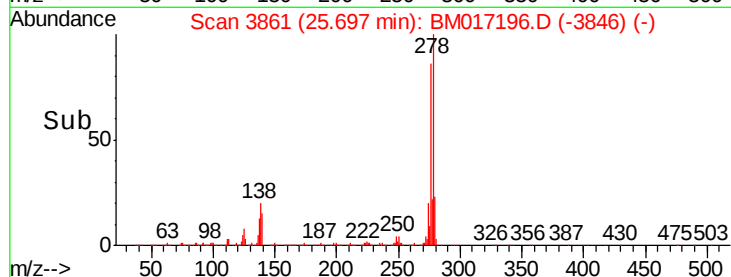
#91
Dibenzo(a,h)anthracene
Concen: 40.268 ng
RT: 25.70 min Scan# 3861
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 3068560
Ion Ratio Lower Upper
278 100
139 14.6 12.7 19.1
279 23.1 18.7 28.1

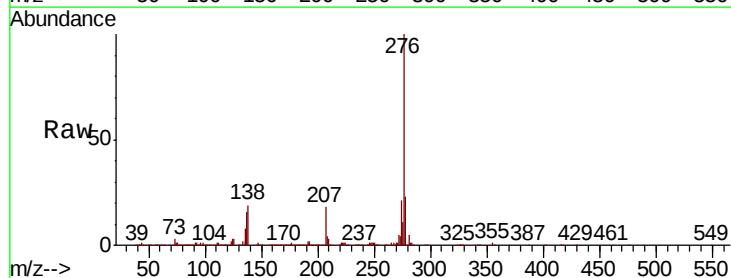


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.792 ng
RT: 26.36 min Scan# 3974
Delta R.T. -0.01 min
Lab File: BM017196.D
Acq: 18 Oct 2018 17:10

Tgt Ion:276 Resp: 3005392
Ion Ratio Lower Upper
276 100
277 23.0 18.6 28.0
138 19.0 16.4 24.6



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

