

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030819\
 Data File : BM019080.D
 Acq On : 08 Mar 2019 19:05
 Operator : JU/SJ
 Sample : K1807-31MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 08 23:46:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	164276	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	629468	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	324138	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	663628	20.00	ng	-0.01
76) Chrysene-d12	21.27	240	650092	20.00	ng	-0.01
87) Perylene-d12	23.51	264	733010	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1181367	117.83	ng	0.00
7) Phenol-d6	6.85	99	1603449	113.52	ng	0.00
23) Nitrobenzene-d5	8.84	82	1011952	74.33	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	518859	111.05	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	1767225	72.37	ng	-0.02
79) Terphenyl-d14	19.71	244	2256320	71.60	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	121905	27.916	ng	98
3) Pyridine	3.63	79	204628	17.179	ng	98
4) n-Nitrosodimethylamine	3.55	42	105958	34.967	ng	94
6) Aniline	7.02	93	415189	23.991	ng	99
8) 2-Chlorophenol	7.23	128	356166	32.356	ng	98
9) Benzaldehyde	6.83	77	216082	25.179	ng	99
10) Phenol	6.87	94	484317	32.588	ng	99
11) bis(2-Chloroethyl)ether	7.11	93	344466	30.385	ng	100
12) 1,3-Dichlorobenzene	7.56	146	375898	30.369	ng	97
13) 1,4-Dichlorobenzene	7.70	146	382445	30.350	ng	99
14) 1,2-Dichlorobenzene	8.02	146	363649	30.043	ng	99
15) Benzyl Alcohol	7.92	79	330632	29.460	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	336526	30.670	ng	97
17) 2-Methylphenol	8.12	107	296681	31.365	ng	97
18) Hexachloroethane	8.73	117	139598	30.348	ng	99
19) n-Nitroso-di-n-propylamine	8.47	70	305025	27.891	ng	98
20) 3+4-Methylphenols	8.45	107	390699	29.912	ng	99
22) Acetophenone	8.50	105	513228	29.690	ng	# 99
24) Nitrobenzene	8.88	77	439490	31.102	ng	99
25) Isophorone	9.39	82	739887	34.062	ng	99
26) 2-Nitrophenol	9.58	139	180557	32.085	ng	99
27) 2,4-Dimethylphenol	9.64	122	295535	35.957	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	455265	32.411	ng	100
29) 2,4-Dichlorophenol	10.11	162	303957	32.207	ng	97
30) 1,2,4-Trichlorobenzene	10.32	180	340296	31.223	ng	98
31) Naphthalene	10.50	128	1026058	33.422	ng	98
32) Benzoic acid	9.76	122	93231	13.004	ng	95
33) 4-Chloroaniline	10.64	127	244370	17.807	ng	97
34) Hexachlorobutadiene	10.77	225	187015	29.562	ng	99
35) Caprolactam	11.45	113	85582	22.220	ng	99
36) 4-Chloro-3-methylphenol	11.76	107	334350	29.384	ng	97
37) 2-Methylnaphthalene	12.12	142	716485	33.148	ng	97
38) 1-Methylnaphthalene	12.35	142	678588	32.105	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	336716	32.474	ng	99

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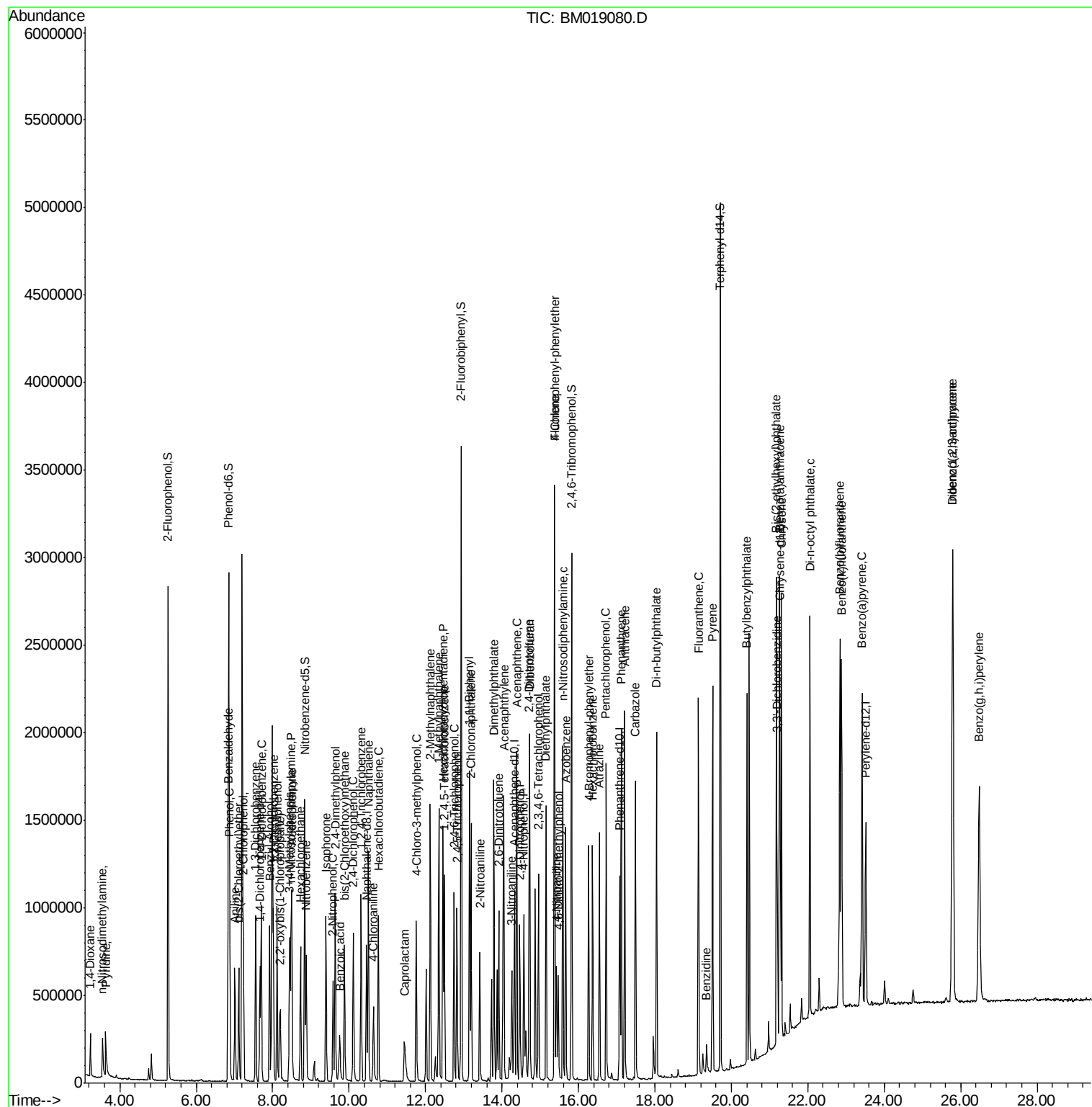
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	369890	69.773	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	236317	34.428	ng	99
44) 2,4,5-Trichlorophenol	12.82	196	245039	34.059	ng	98
46) 1,1'-Biphenyl	13.15	154	892754	31.997	ng	99
47) 2-Chloronaphthalene	13.19	162	694798	32.241	ng	99
48) 2-Nitroaniline	13.42	65	225653	31.528	ng	97
49) Acenaphthylene	14.04	152	1098675	34.239	ng	99
50) Dimethylphthalate	13.79	163	1034300	38.288	ng	99
51) 2,6-Dinitrotoluene	13.92	165	185906	31.769	ng	98
52) Acenaphthene	14.39	154	630890	32.064	ng	100
53) 3-Nitroaniline	14.26	138	157106	23.761	ng	97
54) 2,4-Dinitrophenol	14.46	184	192532	53.879	ng	98
55) Dibenzofuran	14.72	168	1007386	31.149	ng	98
56) 4-Nitrophenol	14.57	139	299116	56.671	ng	98
57) 2,4-Dinitrotoluene	14.71	165	248549	30.827	ng	98
58) Fluorene	15.37	166	803193	32.463	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	210005	33.023	ng	99
60) Diethylphthalate	15.15	149	835444	29.981	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	396709	28.598	ng	98
62) 4-Nitroaniline	15.42	138	168018	25.921	ng	98
63) Azobenzene	15.66	77	882560	29.539	ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	125188	26.868	ng	99
66) n-Nitrosodiphenylamine	15.59	169	695256	33.160	ng	99
67) 4-Bromophenyl-phenylether	16.27	248	227687	30.652	ng	98
68) Hexachlorobenzene	16.37	284	271369	31.430	ng	98
69) Atrazine	16.55	200	230248	34.063	ng	98
70) Pentachlorophenol	16.73	266	322406	57.994	ng	98
71) Phenanthrene	17.12	178	1188963	33.338	ng	98
72) Anthracene	17.21	178	1194731	34.417	ng	100
73) Carbazole	17.49	167	1106678	30.515	ng	99
74) Di-n-butylphthalate	18.04	149	1335932	32.029	ng	100
75) Fluoranthene	19.14	202	1278599	31.036	ng	98
77) Benzidine	19.35	184	104552	7.141	ng	99
78) Pyrene	19.51	202	1305466	34.576	ng	100
80) Butylbenzylphthalate	20.41	149	568604	33.045	ng	99
81) Benzo(a)anthracene	21.26	228	1203696	31.764	ng	99
82) 3,3'-Dichlorobenzidine	21.20	252	420278	28.062	ng	99
83) Chrysene	21.31	228	1173650	32.312	ng	98
84) Bis(2-ethylhexyl)phthalate	21.18	149	820520	32.580	ng	99
85) Di-n-octyl phthalate	22.06	149	1378405	32.565	ng	100
86) Indeno(1,2,3-cd)pyrene	25.79	276	1836879	43.803	ng	99
88) Benzo(b)fluoranthene	22.84	252	1364681	32.540	ng	100
89) Benzo(k)fluoranthene	22.88	252	1268651	30.385	ng	99
90) Benzo(a)pyrene	23.41	252	1328871	33.448	ng	99
91) Dibenzo(a,h)anthracene	25.80	278	1556921	39.555	ng	99
92) Benzo(g,h,i)perylene	26.48	276	1535059	41.891	ng	99

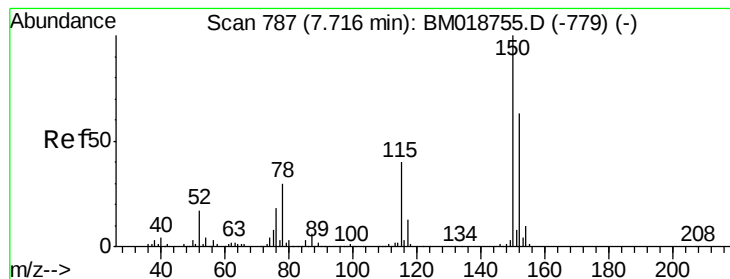
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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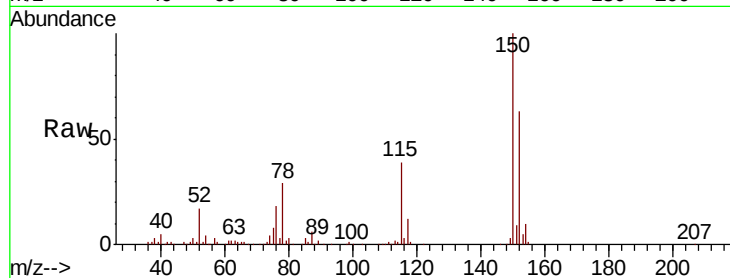


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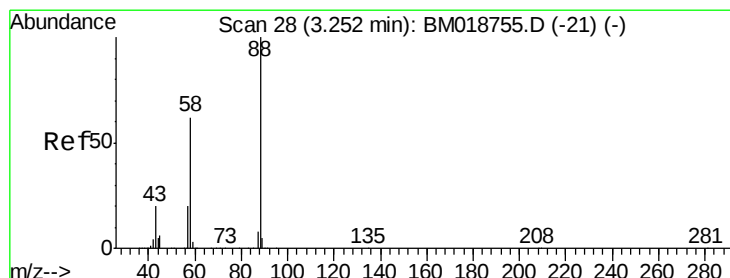
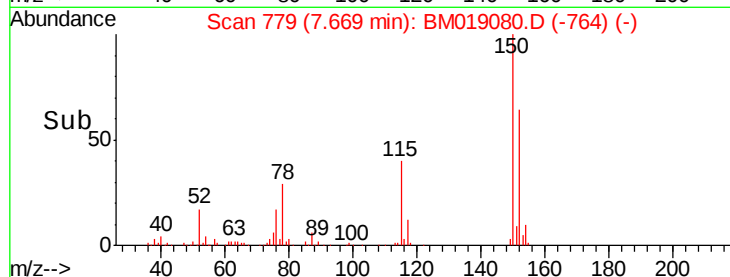
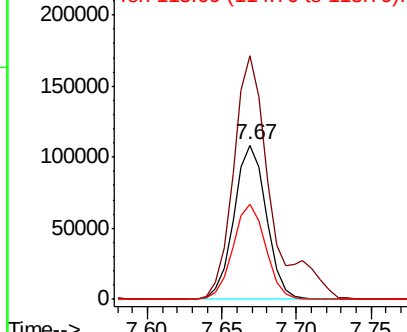
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 164276
Ion Ratio Lower Upper
152 100
150 158.1 127.3 190.9
115 62.1 50.8 76.2



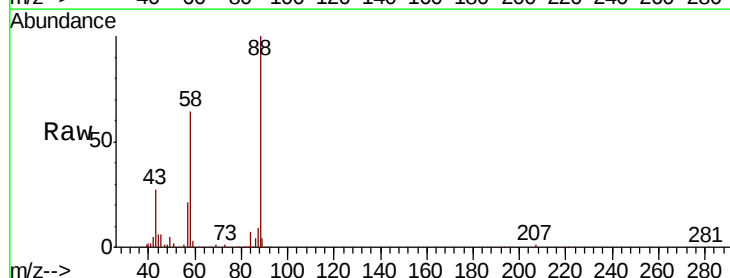
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



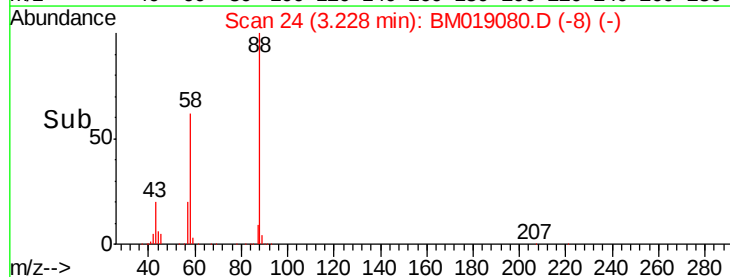
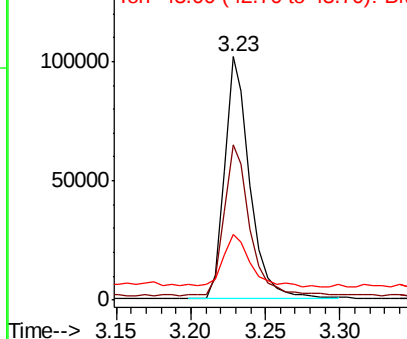
#2

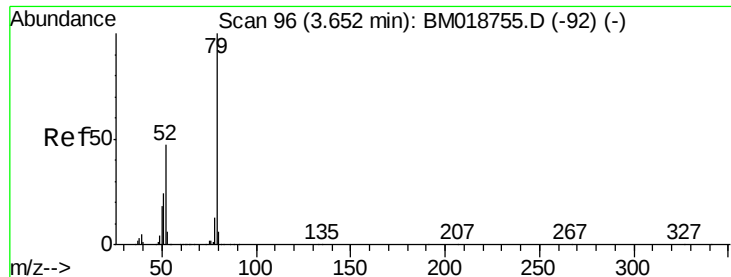
1,4-Dioxane
Concen: 27.916 ng
RT: 3.23 min Scan# 24
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Tgt Ion: 88 Resp: 121905
Ion Ratio Lower Upper
88 100
58 63.3 49.8 74.6
43 22.2 16.7 25.1



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: 17.179 ng

RT: 3.63 min Scan# 93

Delta R.T. -0.00 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

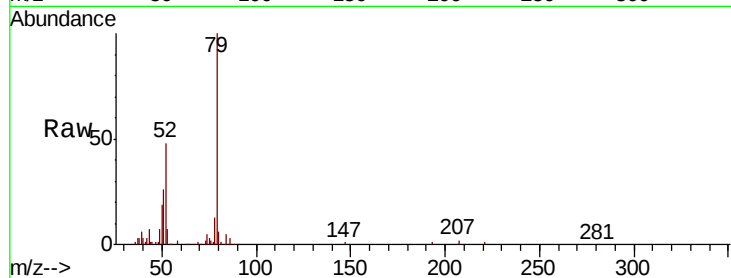
Tot Ion: 79 Resp: 204628

Ion Ratio Lower Upper

79 100

52 48.5 37.6 56.4

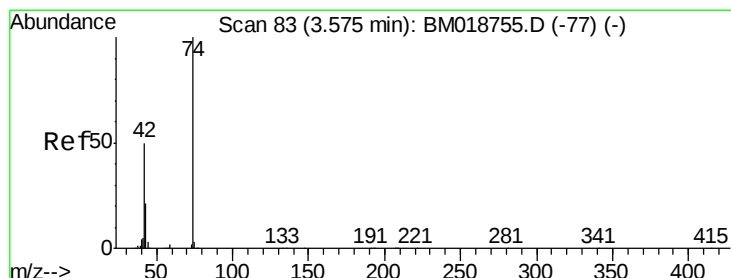
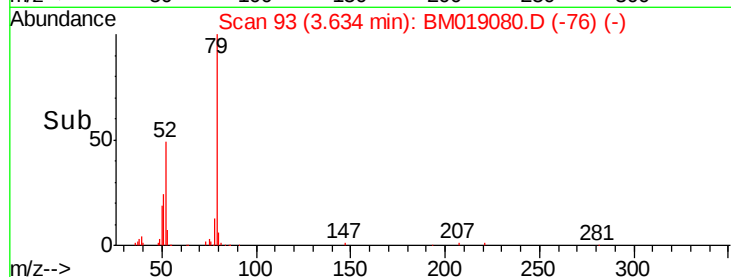
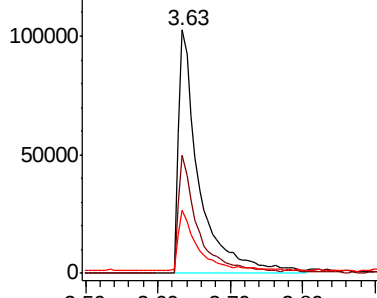
51 25.9 19.7 29.5



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 34.967 ng

RT: 3.55 min Scan# 78

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

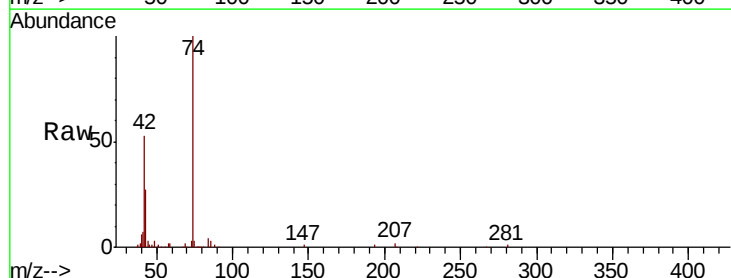
Tgt Ion: 42 Resp: 105958

Ion Ratio Lower Upper

42 100

74 188.8 158.1 237.1

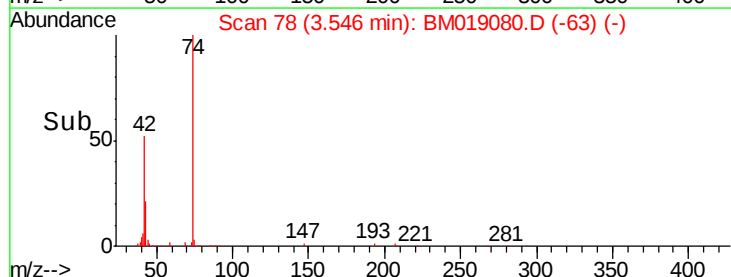
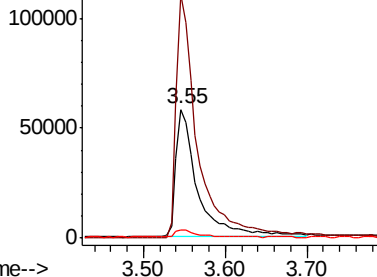
44 6.1 4.9 7.3

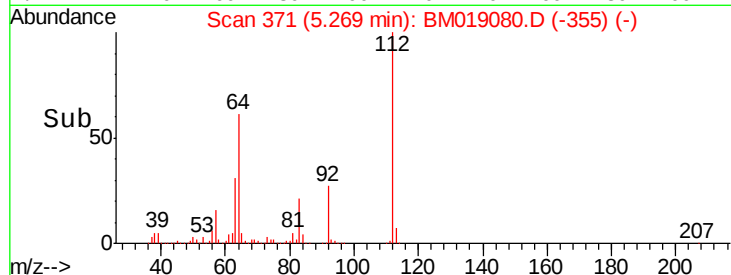
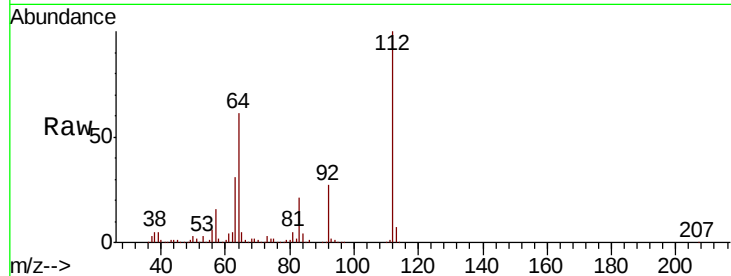
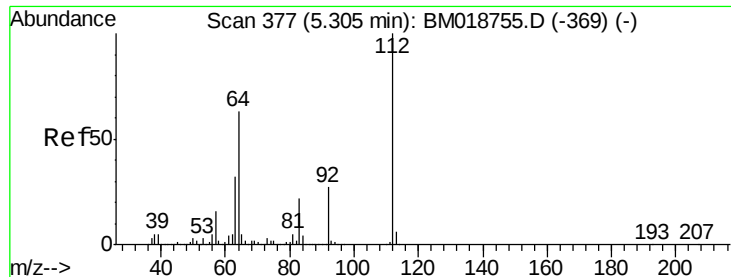


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)

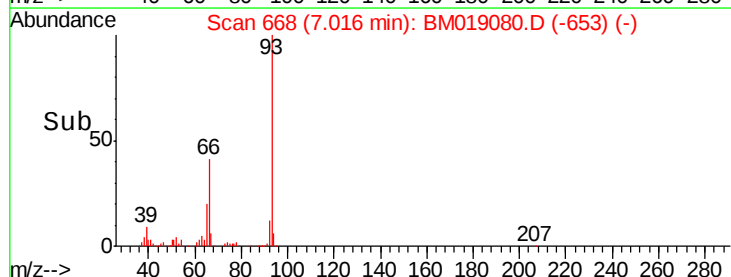
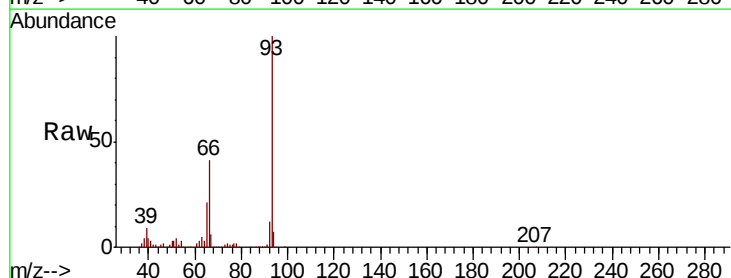
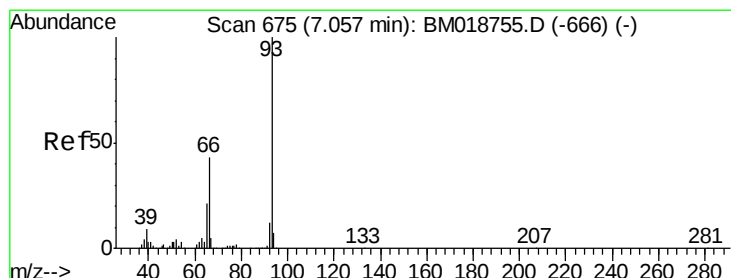
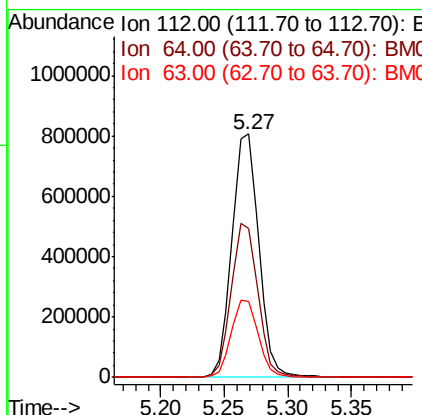




#5
2-Fluorophenol
Concen: 117.828 ng
RT: 5.27 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM019080.D
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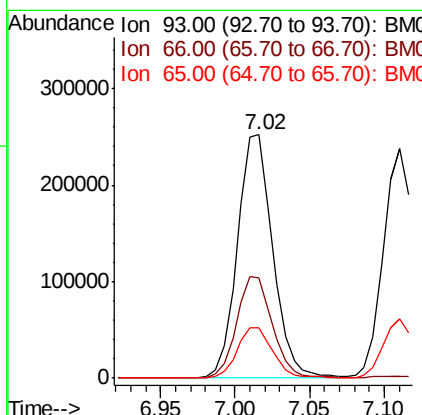
Instrument :
BNA_M
ClientSampleId :

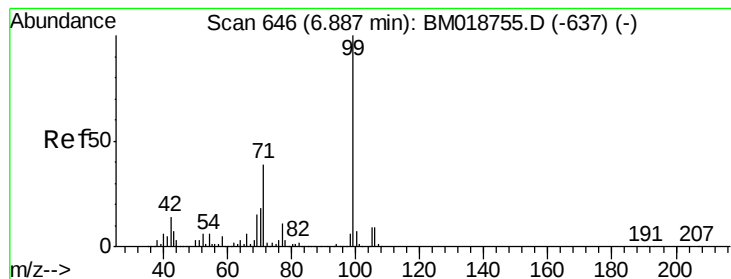
Tot Ion:112 Resp: 1181367
Ion Ratio Lower Upper
112 100
64 61.3 50.6 75.8
63 31.1 25.7 38.5



#6
Aniline
Concen: 23.991 ng
RT: 7.02 min Scan# 668
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Tgt Ion: 93 Resp: 415189
Ion Ratio Lower Upper
93 100
66 41.4 34.1 51.1
65 20.6 16.6 24.8





#7

Phenol-d6

Concen: 113.523 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

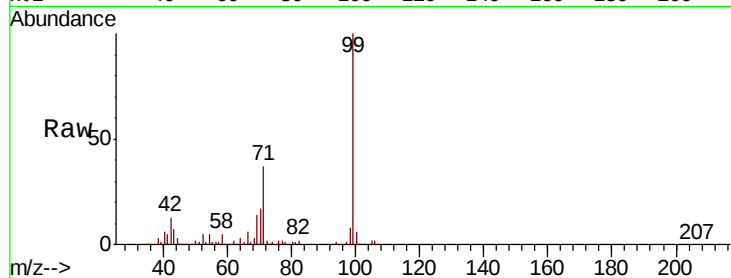
Tot Ion: 99 Resp: 1603449

Ion Ratio Lower Upper

99 100

42 13.3 11.0 16.6

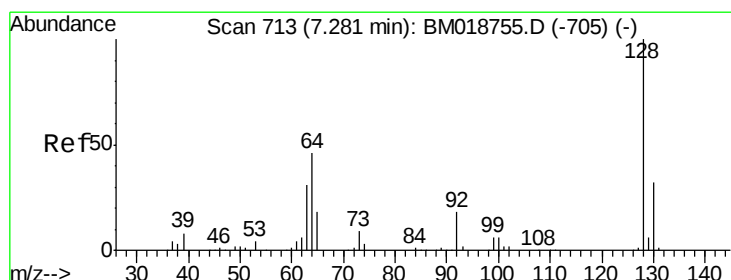
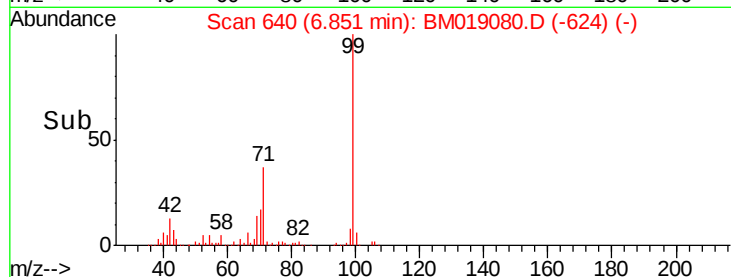
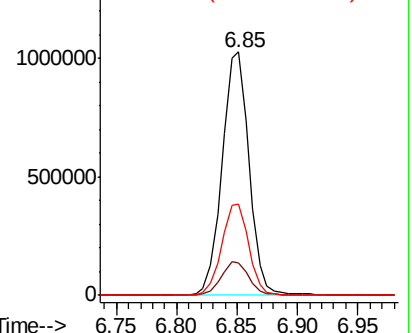
71 37.3 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 32.356 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

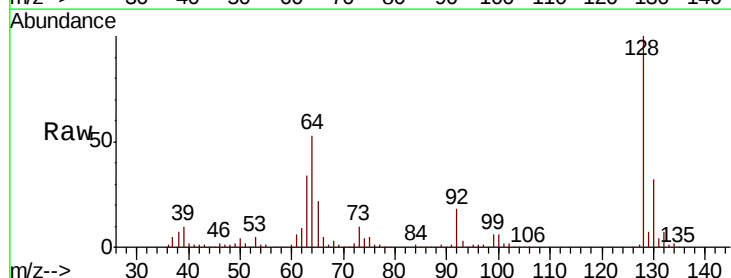
Tgt Ion: 128 Resp: 356166

Ion Ratio Lower Upper

128 100

130 32.3 11.7 51.7

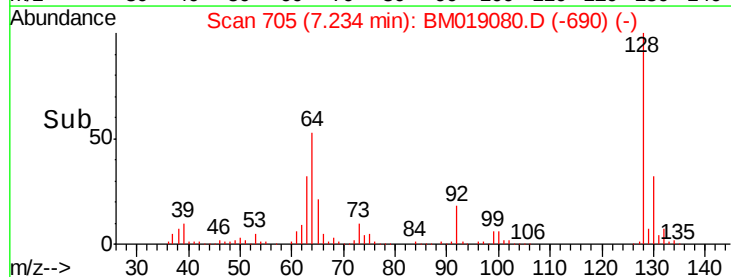
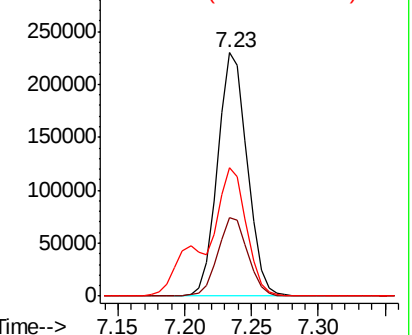
64 52.5 31.0 71.0

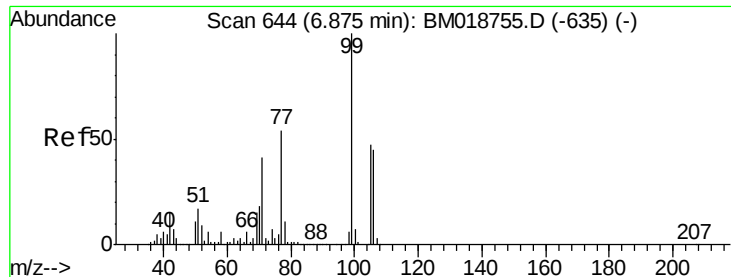


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: 25.179 ng

RT: 6.83 min Scan# 636

Delta R.T. -0.01 min

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ClientSampleId :

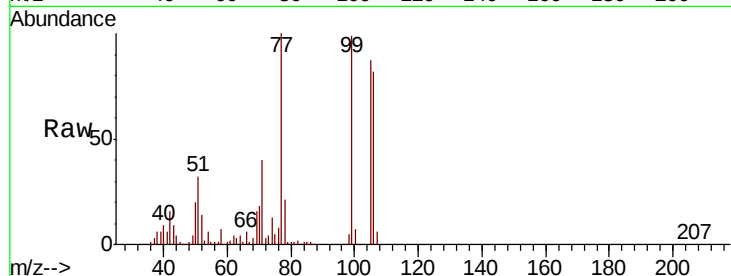
Tot Ion: 77 Resp: 216082

Ion Ratio Lower Upper

77 100

105 87.3 67.3 107.3

106 81.7 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM018755.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM018755.D (-635) (-)

6.83

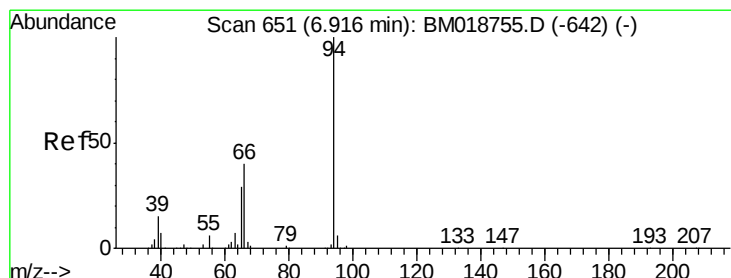
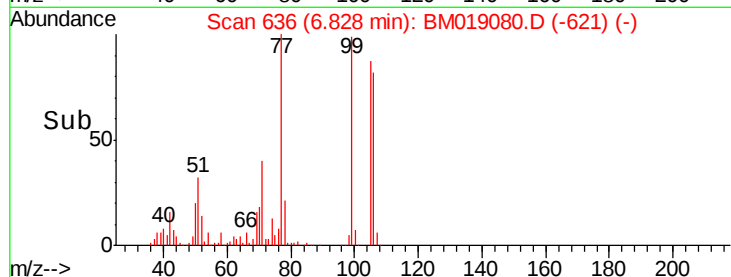
150000

100000

50000

0

Time-->



#10

Phenol

Concen: 32.588 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

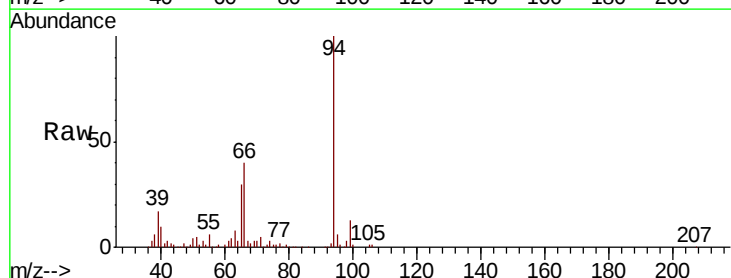
Tgt Ion: 94 Resp: 484317

Ion Ratio Lower Upper

94 100

65 29.9 9.6 49.6

66 40.1 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

6.87

400000

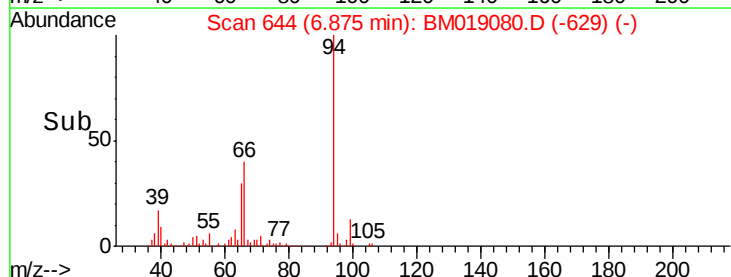
300000

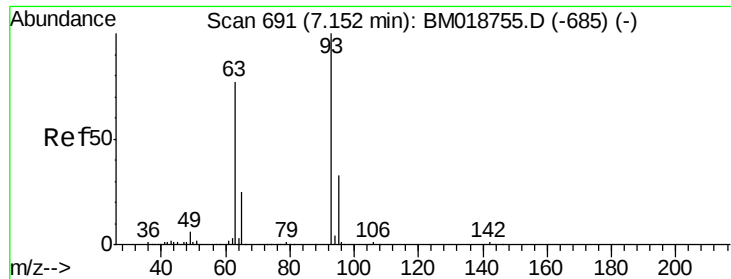
200000

100000

0

Time-->

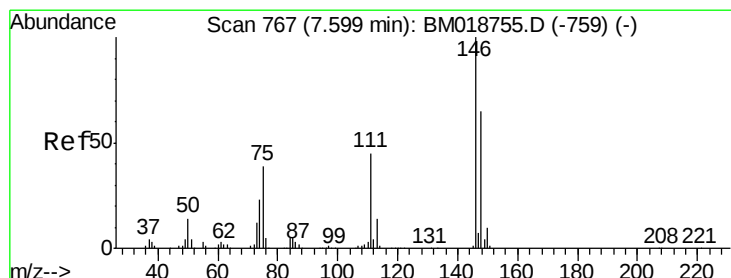
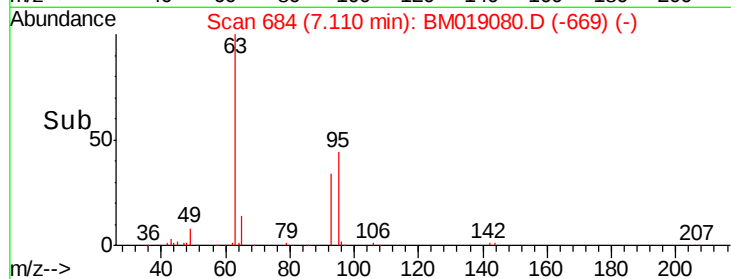
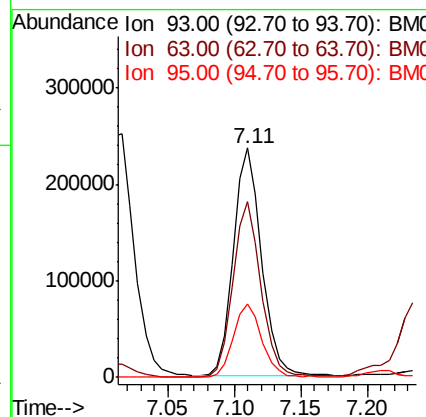
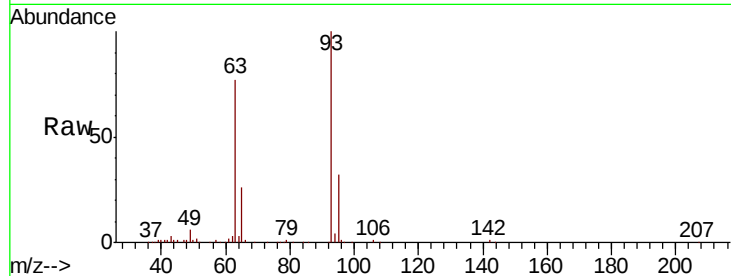




#11
 bis(2-Chloroethyl)ether
 Concen: 30.385 ng
 RT: 7.11 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BM019080.D
 Acq: 08 Mar 2019 19:05

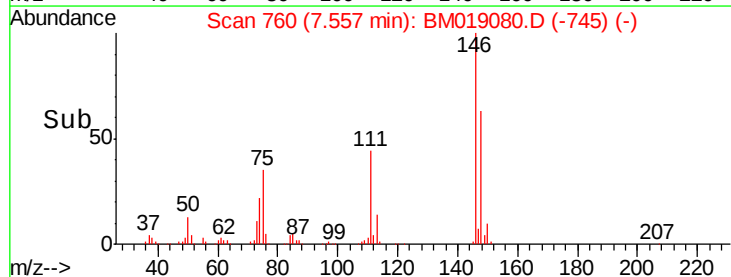
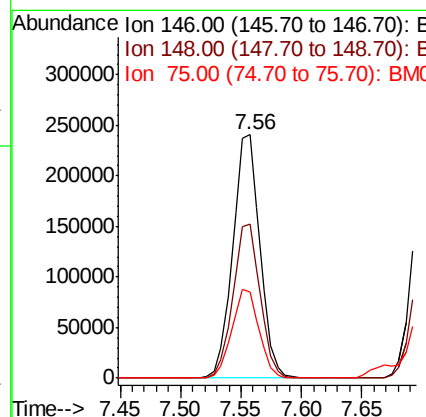
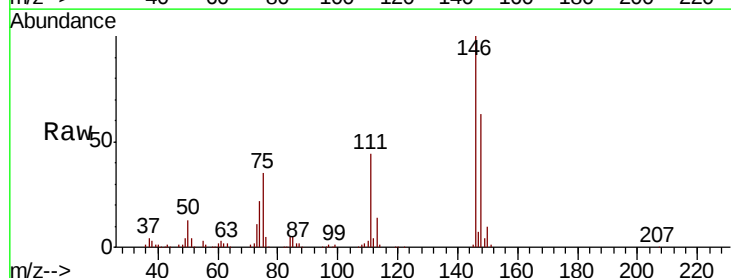
Instrument :
 BNA_M
 ClientSampleId :

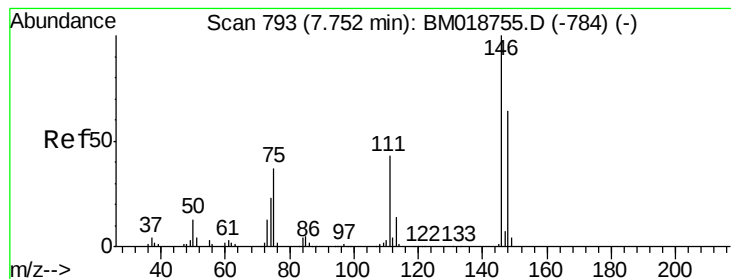
Tot Ion: 93 Resp: 344466
 Ion Ratio Lower Upper
 93 100
 63 76.8 57.0 97.0
 95 32.2 12.4 52.4



#12
 1,3-Dichlorobenzene
 Concen: 30.369 ng
 RT: 7.56 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BM019080.D
 Acq: 08 Mar 2019 19:05

Tgt Ion: 146 Resp: 375898
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.7 77.5
 75 35.3 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 30.350 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

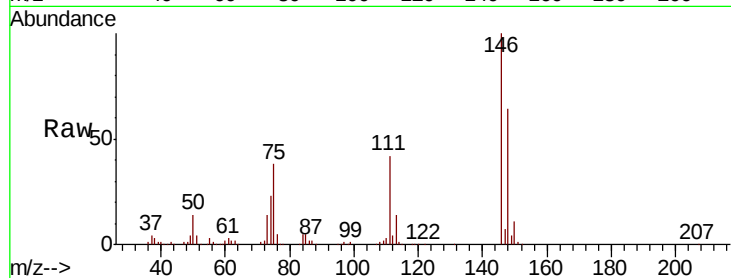
Tot Ion:146 Resp: 382445

Ion Ratio Lower Upper

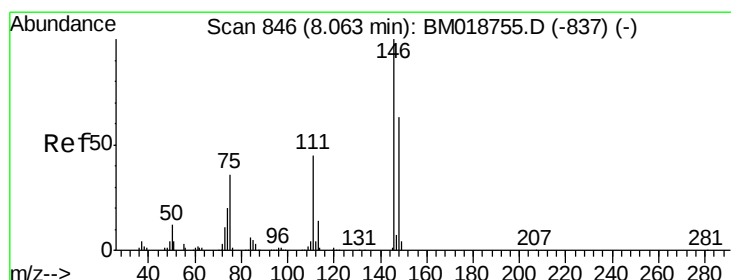
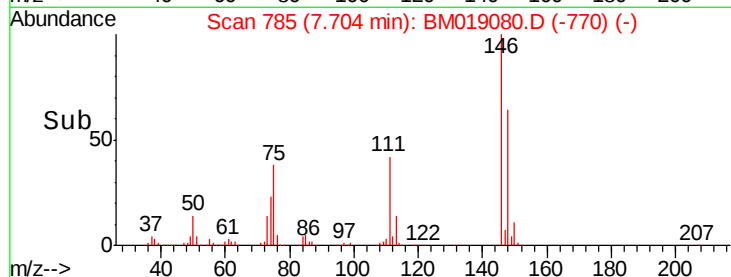
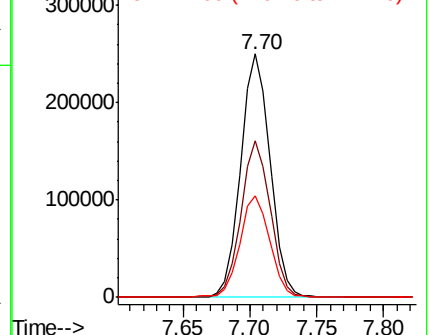
146 100

148 64.1 51.4 77.2

111 41.7 34.6 52.0



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: 30.043 ng

RT: 8.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

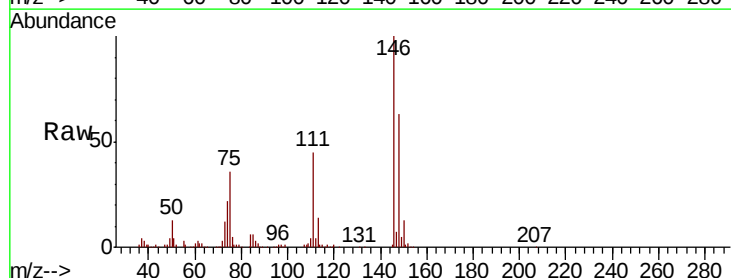
Tgt Ion:146 Resp: 363649

Ion Ratio Lower Upper

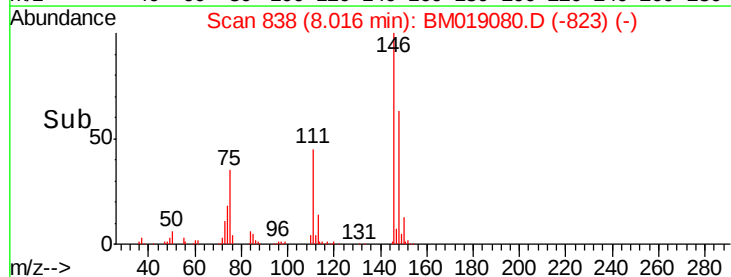
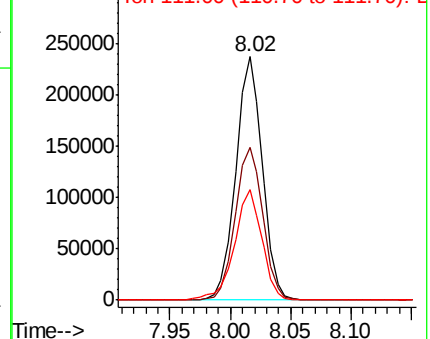
146 100

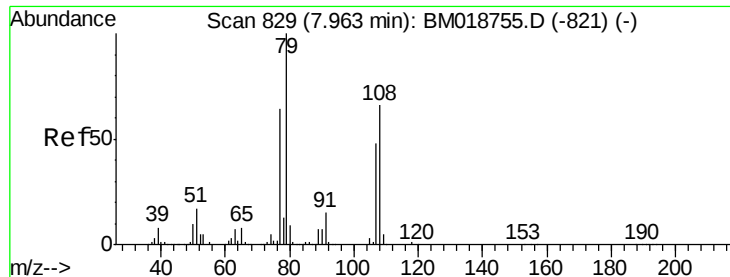
148 62.9 50.7 76.1

111 45.3 35.9 53.9



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: 29.460 ng

RT: 7.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

Instrument :

BNA_M

ClientSampled :

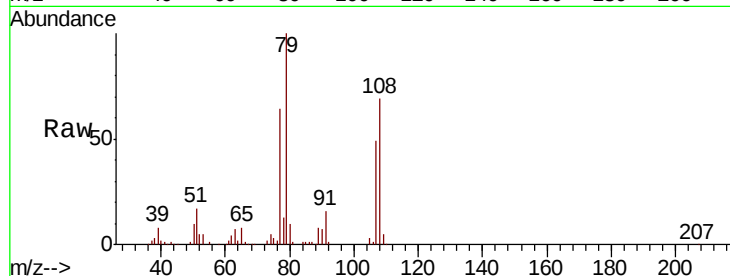
Tot Ion: 79 Resp: 330632

Ion Ratio Lower Upper

79 100

108 68.6 52.7 79.1

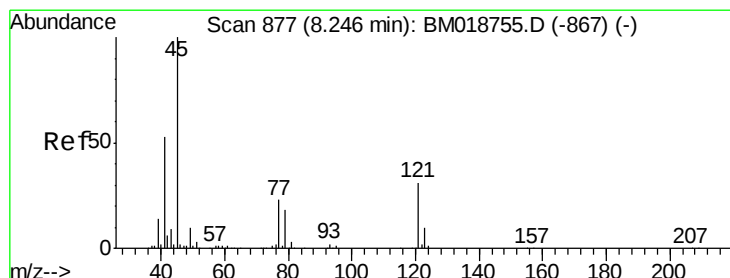
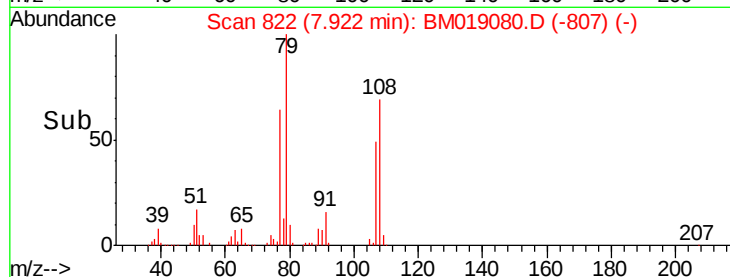
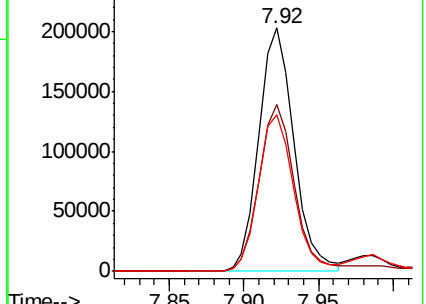
77 64.3 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-821) (-)

Ion 108.00 (107.70 to 108.70): BM018755.D (-821) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-821) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.670 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

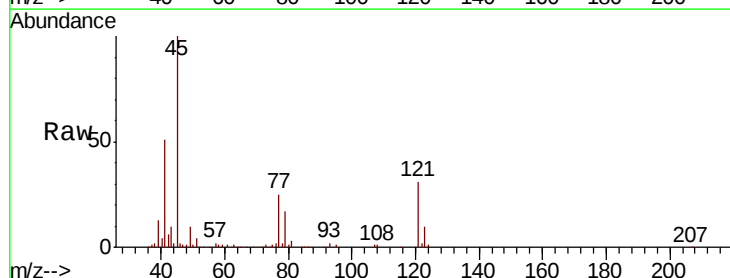
Tgt Ion: 45 Resp: 336526

Ion Ratio Lower Upper

45 100

77 24.6 5.0 45.0

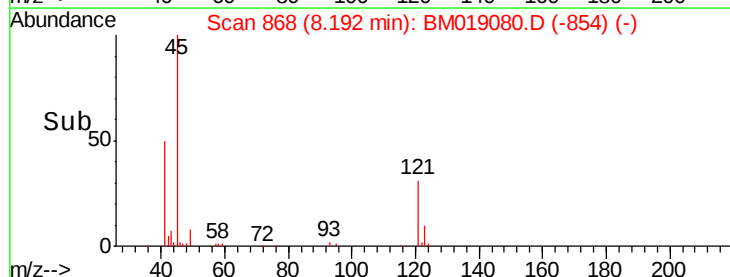
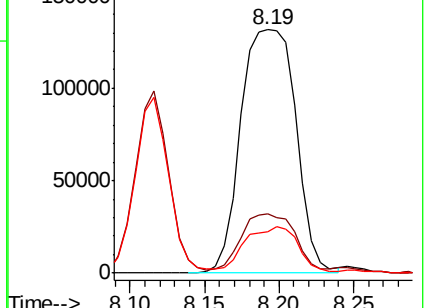
79 17.0 0.0 39.3

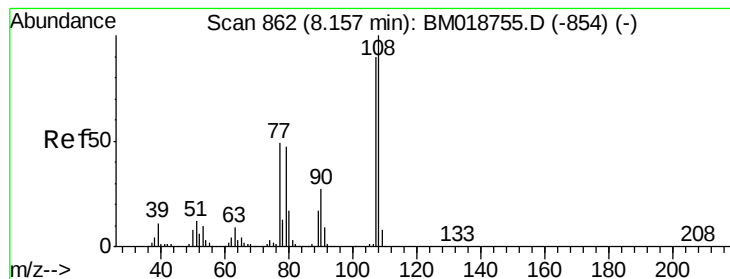


Abundance Ion 45.00 (44.70 to 45.70): BM018755.D (-867) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-867) (-)

Ion 79.00 (78.70 to 79.70): BM018755.D (-867) (-)





#17

2-Methylphenol

Concen: 31.365 ng

RT: 8.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 296681

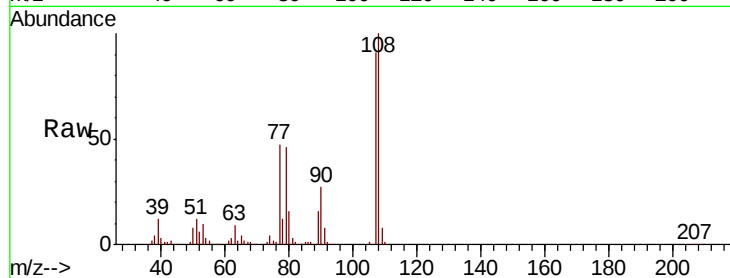
Ion Ratio Lower Upper

107 100

108 109.6 88.8 133.2

77 51.8 44.0 66.0

79 49.9 42.4 63.6

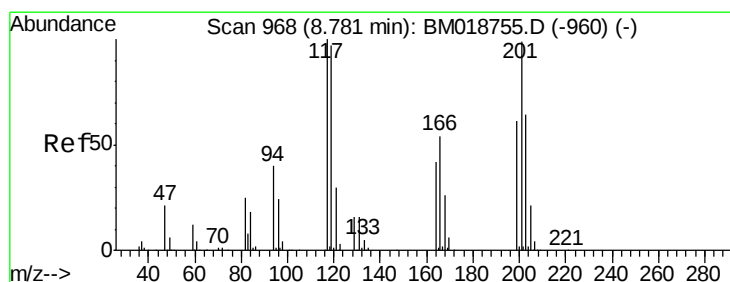
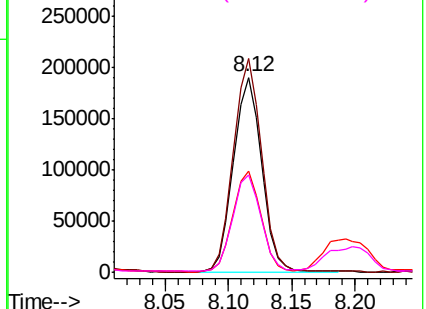
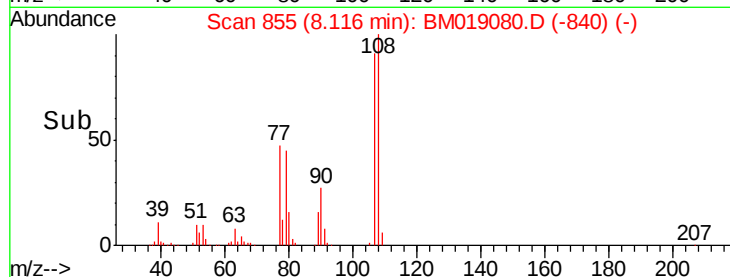


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.348 ng

RT: 8.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

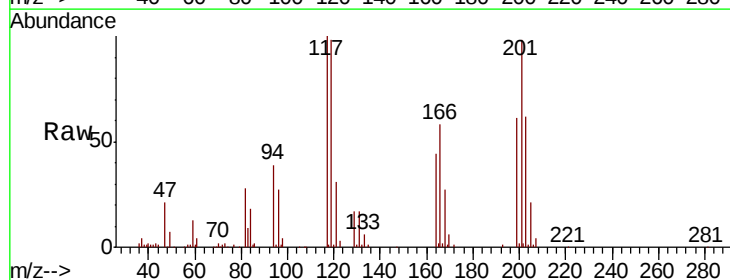
Tgt Ion:117 Resp: 139598

Ion Ratio Lower Upper

117 100

119 97.7 77.9 116.9

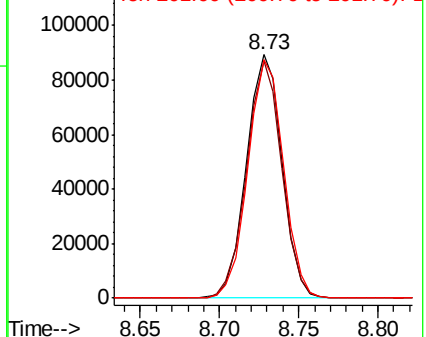
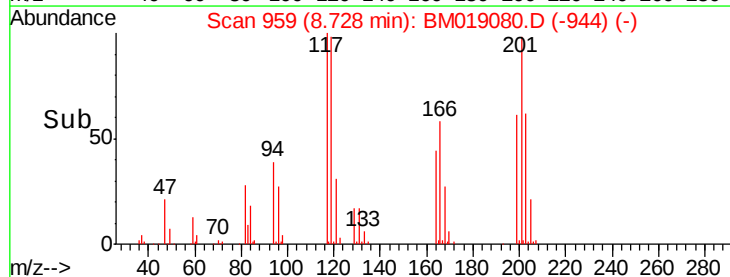
201 98.0 79.2 118.8

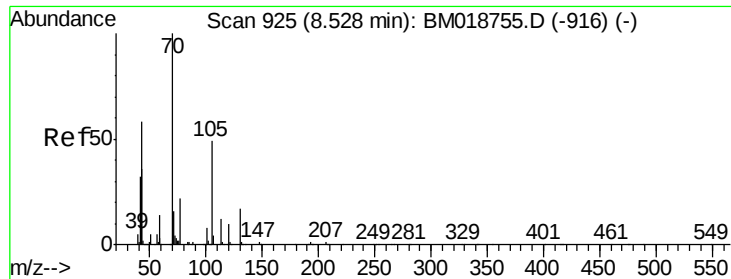


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

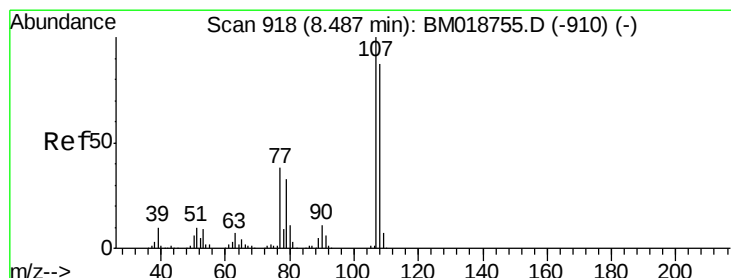
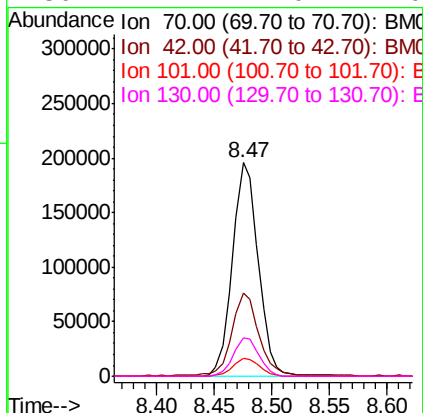
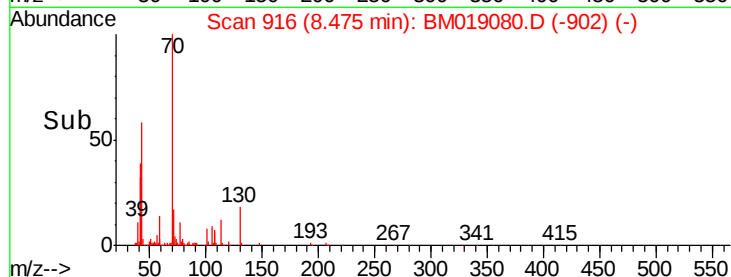
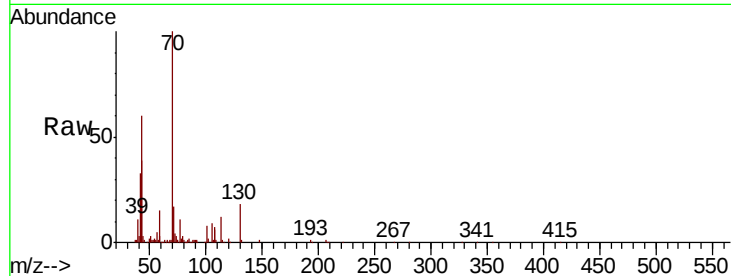




#19
n-Nitroso-di-n-propylamine
Concen: 27.891 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

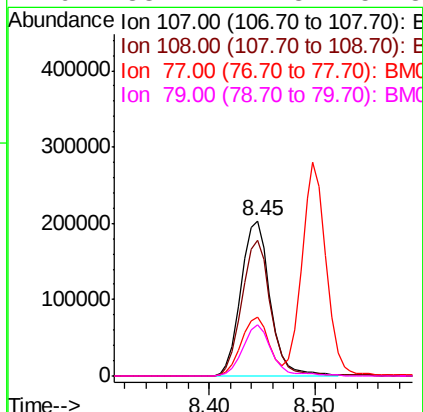
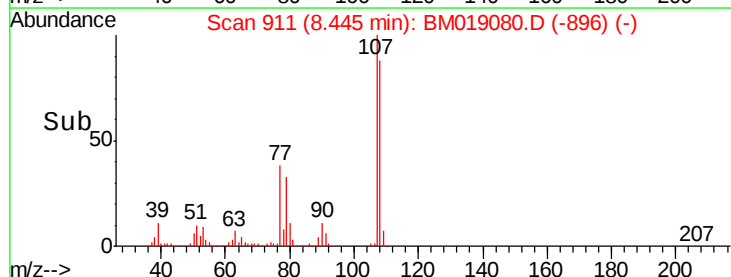
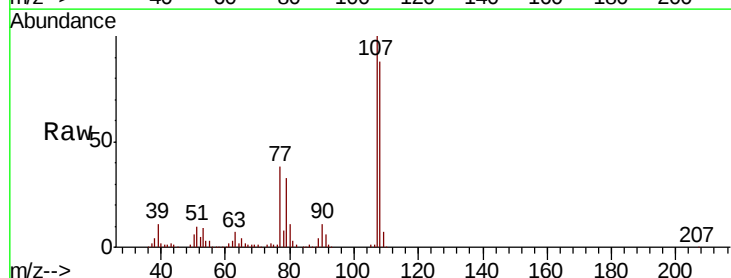
Instrument :
BNA_M
ClientSampleId :

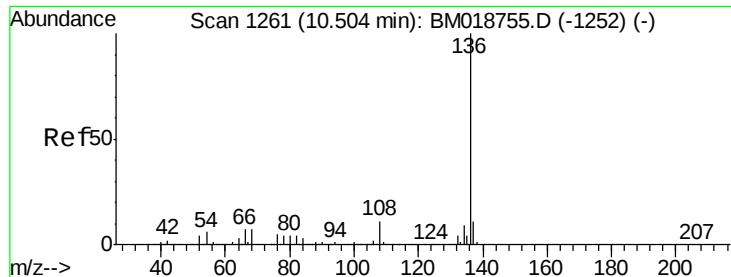
Tot Ion:	70	Resp:	305025
Ion	Ratio	Lower	Upper
70	100		
42	38.9	29.4	44.0
101	8.4	6.7	10.1
130	17.7	14.0	21.0



#20
3+4-Methylphenols
Concen: 29.912 ng
RT: 8.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Tgt Ion:	107	Resp:	390699
Ion	Ratio	Lower	Upper
107	100		
108	87.8	67.3	107.3
77	38.4	18.0	58.0
79	33.2	12.8	52.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 629468

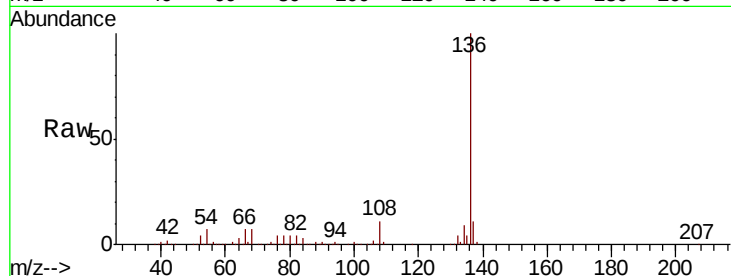
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.7 5.0 7.6

68 7.2 5.5 8.3



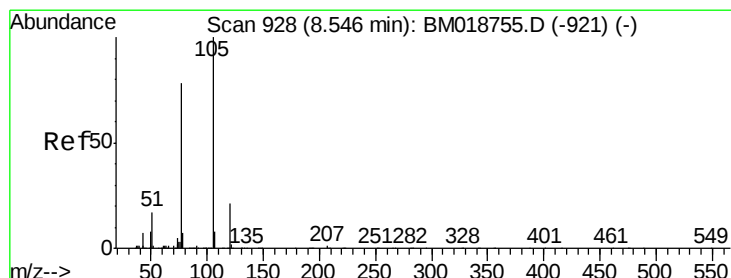
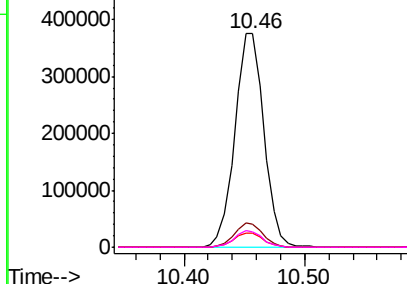
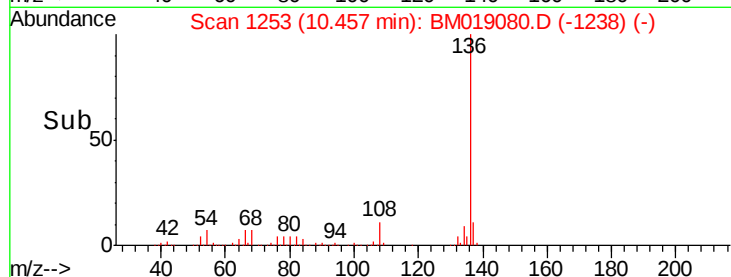
Abundance

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: 29.690 ng

RT: 8.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

Tgt Ion:105 Resp: 513228

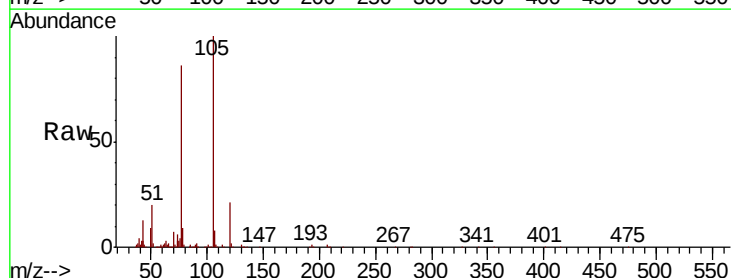
Ion Ratio Lower Upper

105 100

71 1.1 1.1 1.7#

51 20.0 15.5 23.3

120 21.1 17.0 25.4



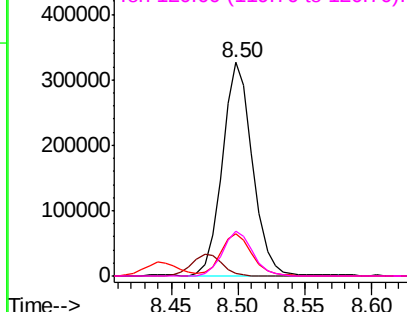
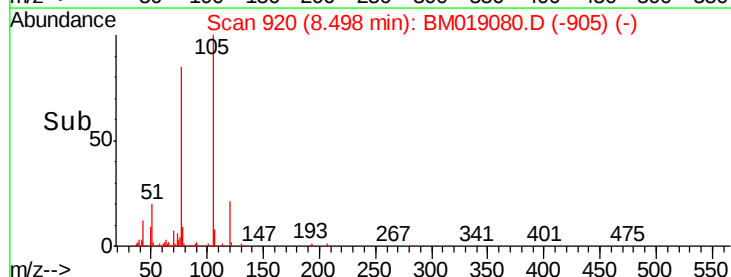
Abundance

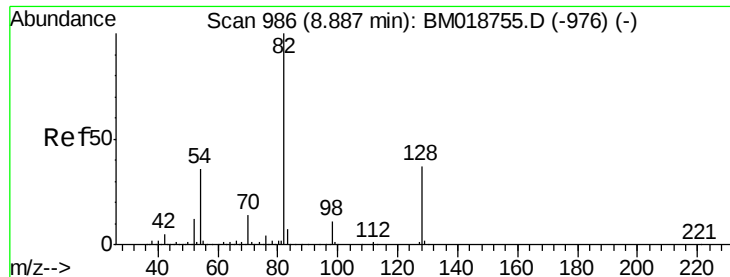
Ion 105.00 (104.70 to 105.70): E

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

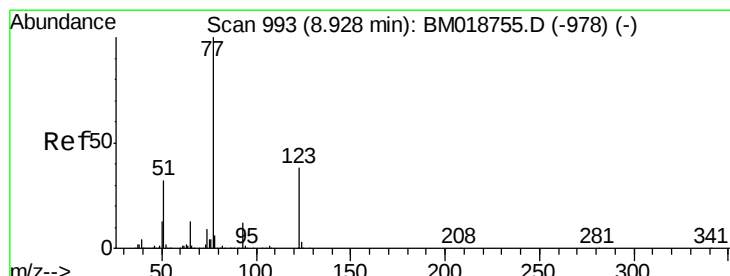
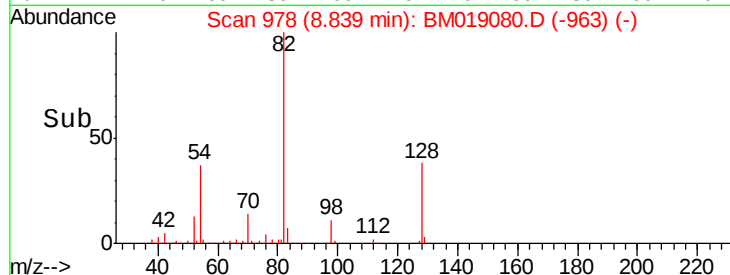
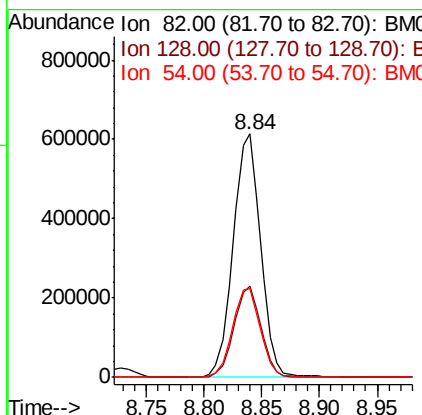
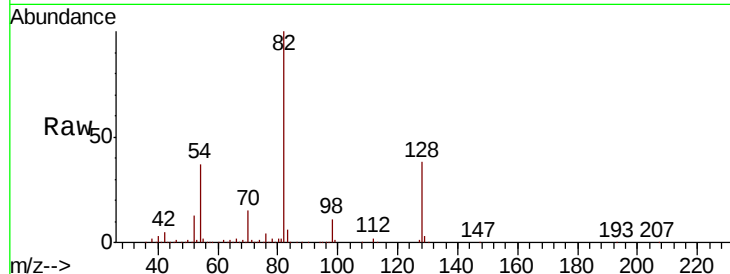




#23
Nitrobenzene-d5
Concen: 74.335 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

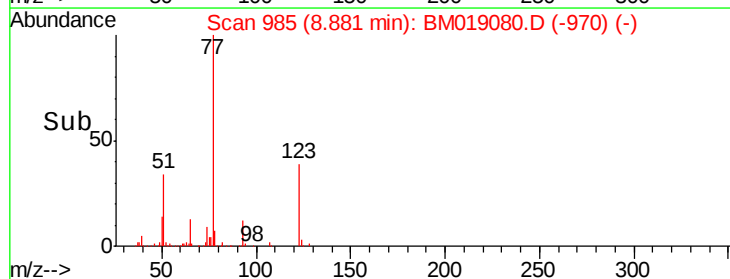
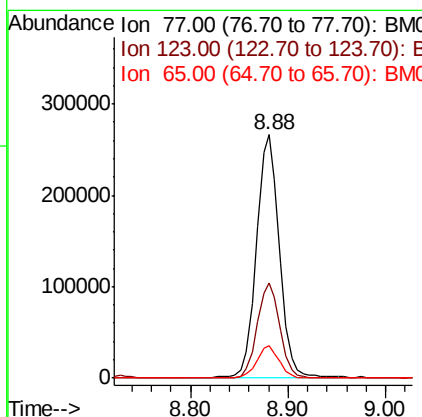
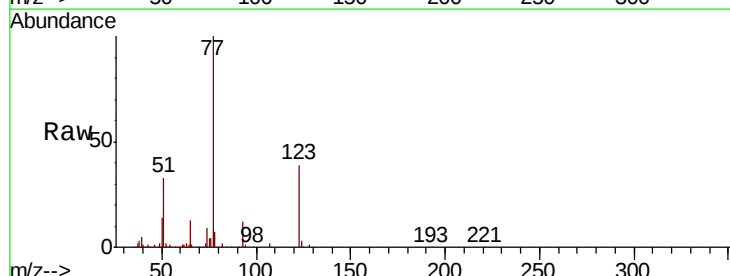
Instrument :
BNA_M
ClientSampleId :

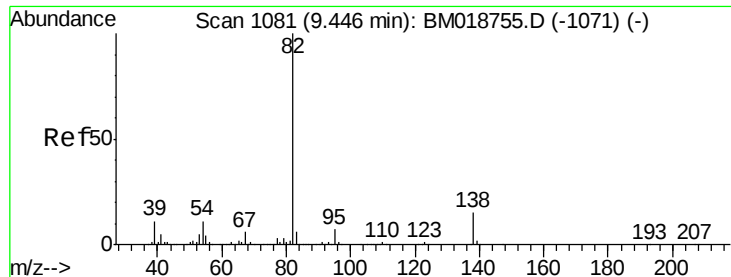
Tot Ion: 82 Resp: 1011952
Ion Ratio Lower Upper
82 100
128 37.6 29.9 44.9
54 36.7 29.1 43.7



#24
Nitrobenzene
Concen: 31.102 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Tgt Ion: 77 Resp: 439490
Ion Ratio Lower Upper
77 100
123 39.0 30.7 46.1
65 13.1 10.5 15.7

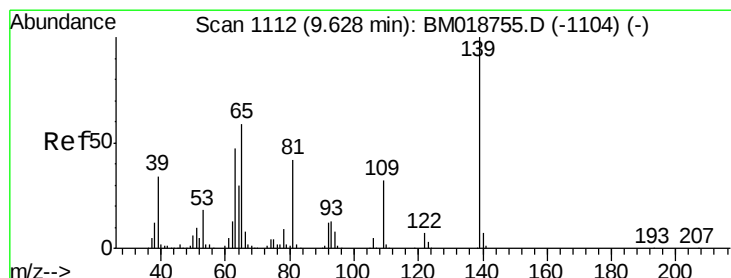
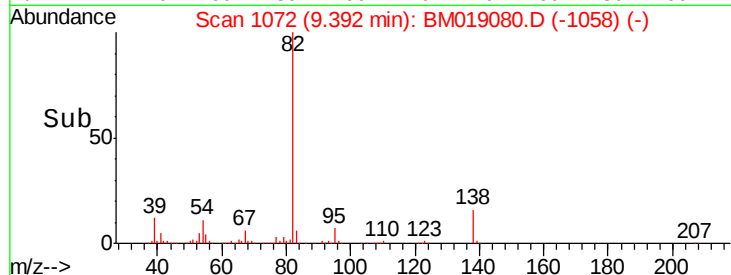
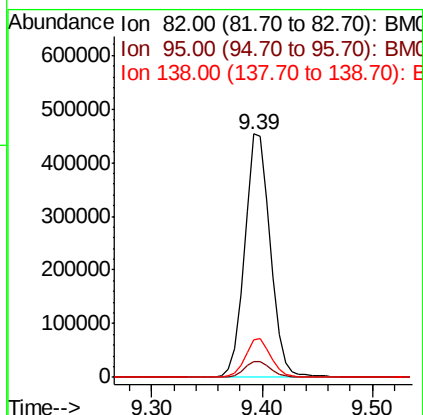
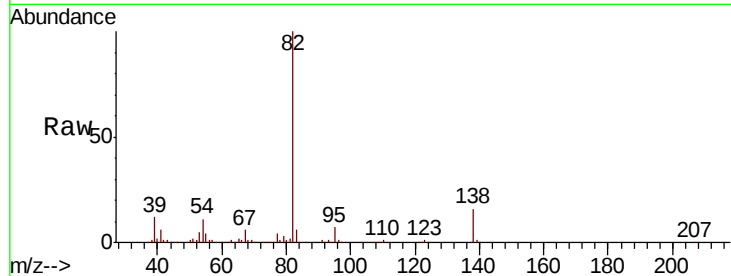




#25
Isophorone
Concen: 34.062 ng
RT: 9.39 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

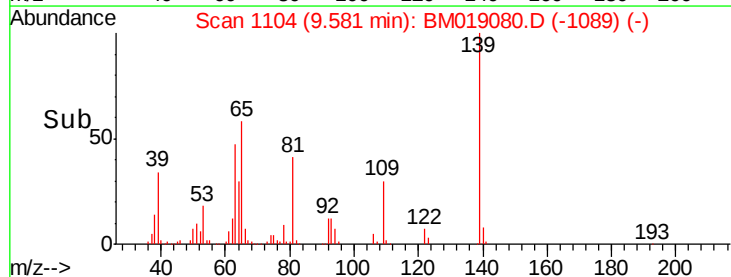
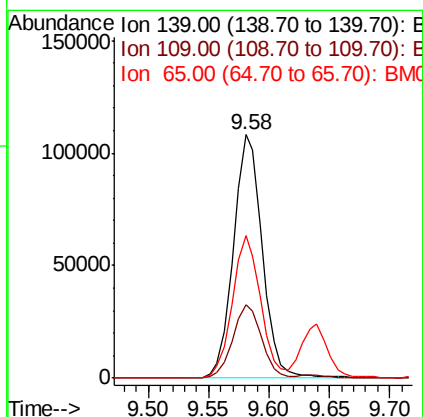
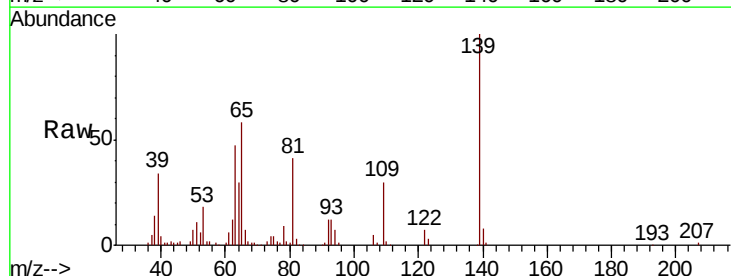
Instrument :
BNA_M
ClientSampleId :

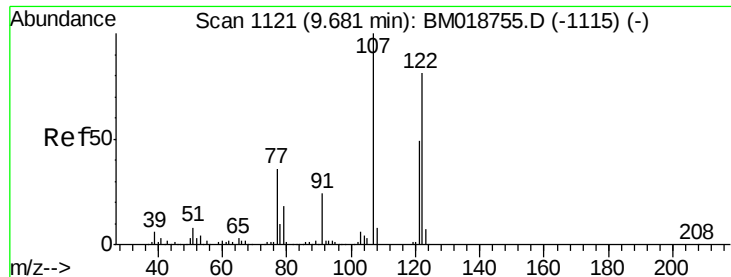
Tot Ion	82	Resp	739887
Ion Ratio	100	Lower	Upper
95	6.7	5.7	8.5
138	15.5	12.3	18.5



#26
2-Nitrophenol
Concen: 32.085 ng
RT: 9.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Tgt Ion	139	Resp	180557
Ion Ratio	100	Lower	Upper
109	30.4	25.2	37.8
65	58.5	47.0	70.4

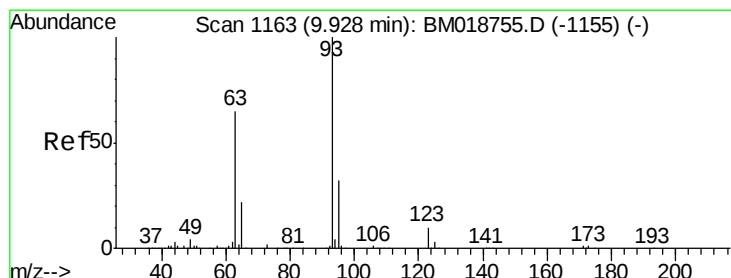
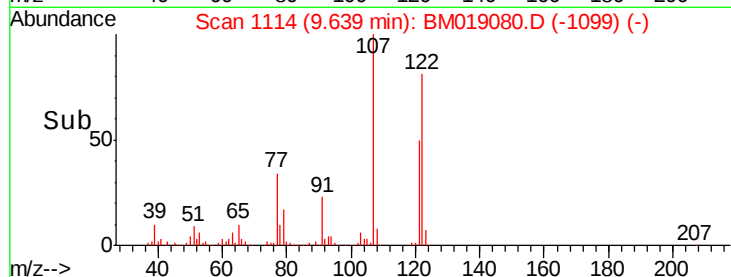
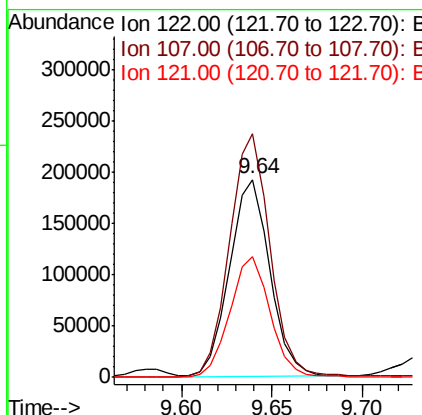
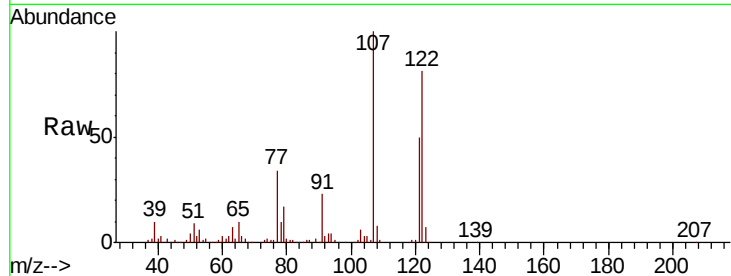




#27
 2,4-Dimethylphenol
 Concen: 35.957 ng
 RT: 9.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BM019080.D
 Acq: 08 Mar 2019 19:05

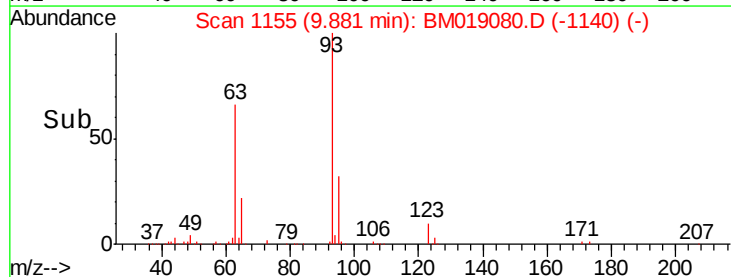
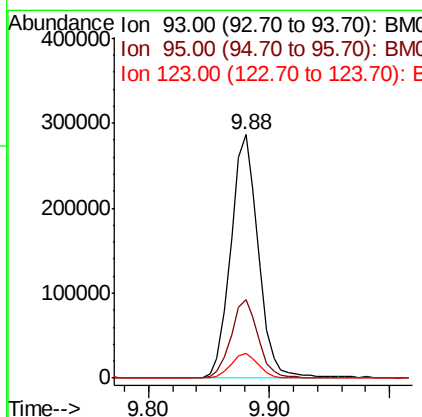
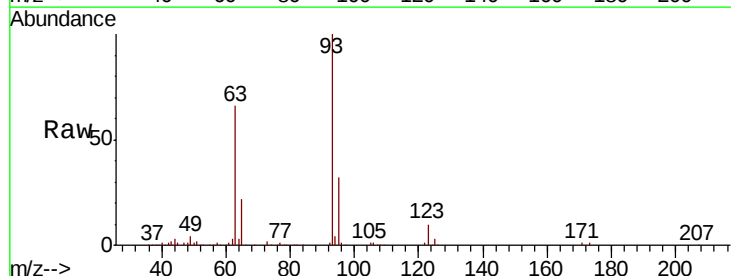
Instrument :
 BNA_M
 ClientSampleId :

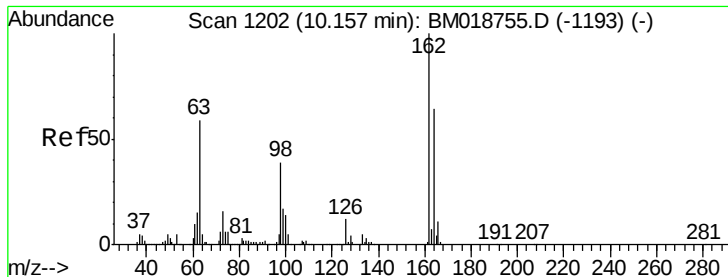
Tot Ion	Ratio	Lower	Upper
122	100		
107	123.0	97.6	146.4
121	61.2	47.9	71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.411 ng
 RT: 9.88 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BM019080.D
 Acq: 08 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.6	38.4
123	10.4	8.2	12.4

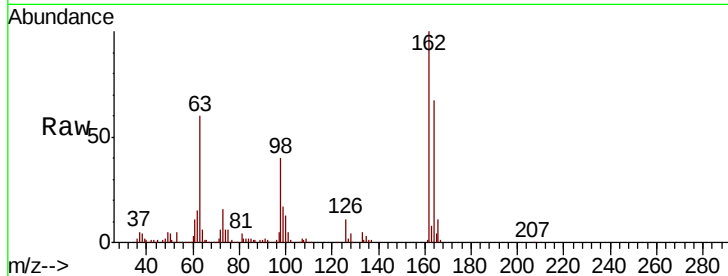




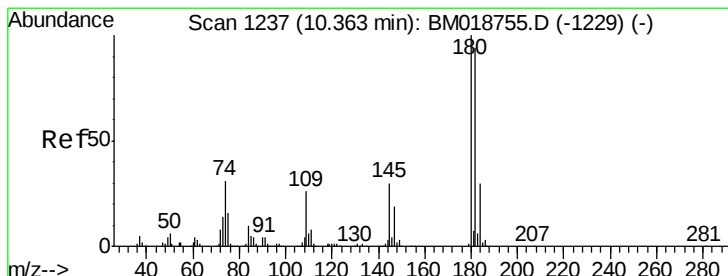
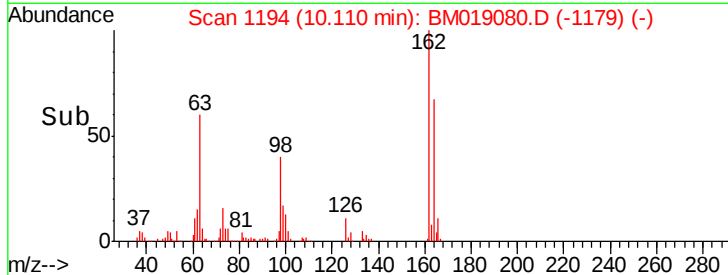
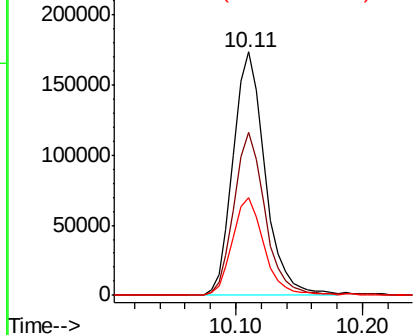
#29
2,4-Dichlorophenol
Concen: 32.207 ng
RT: 10.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.7	44.1	84.1
98	40.2	19.4	59.4

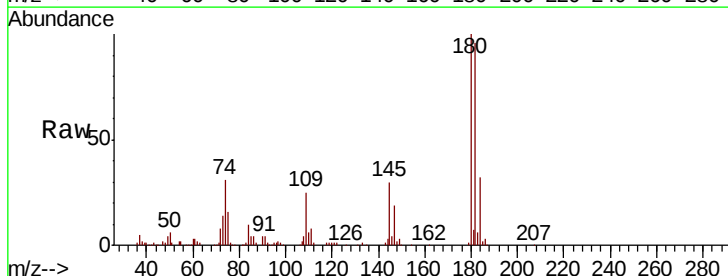


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

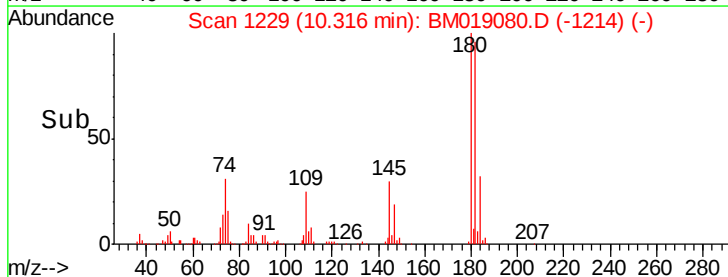
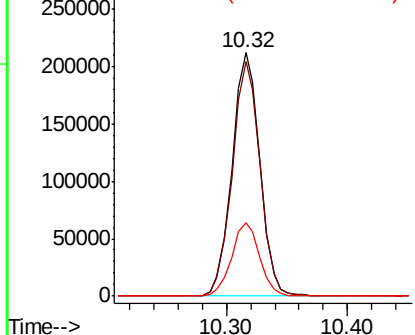


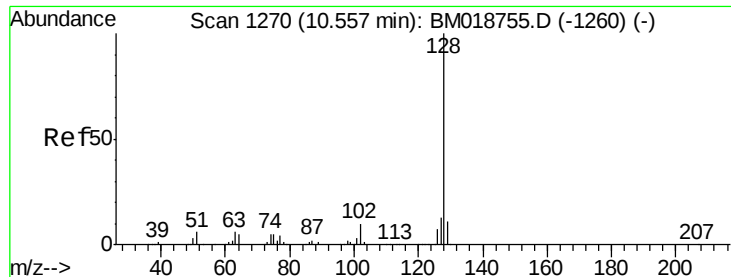
#30
1,2,4-Trichlorobenzene
Concen: 31.223 ng
RT: 10.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.0	112.6
145	30.4	24.1	36.1



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

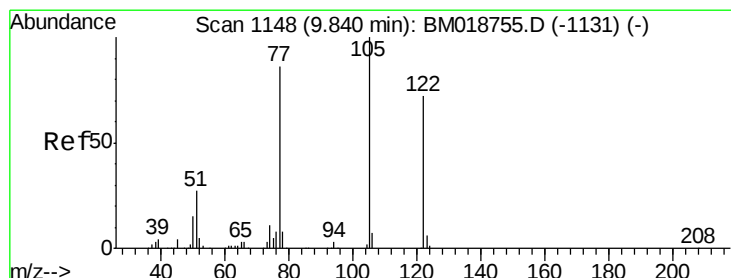
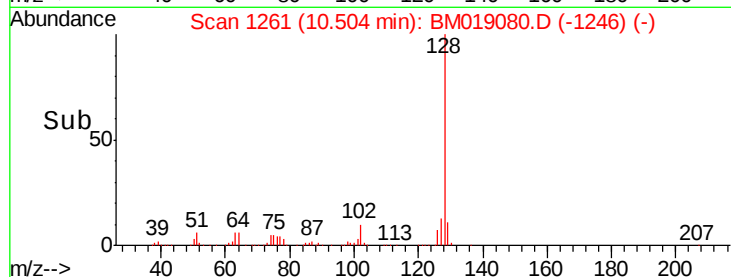
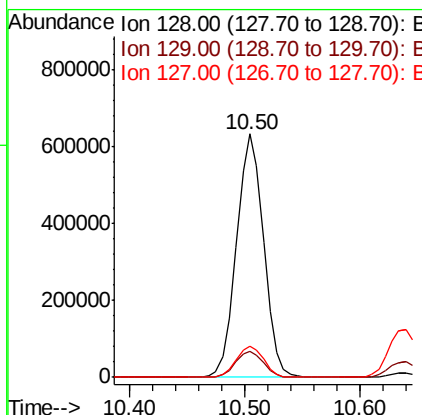
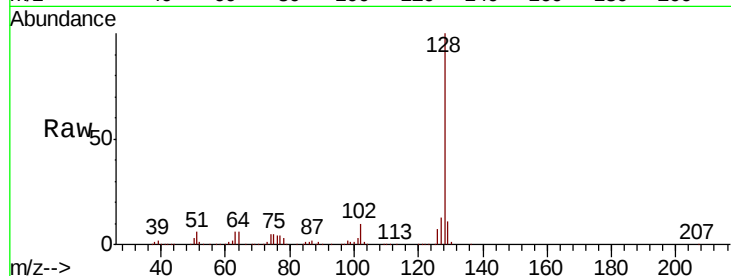




#31
Naphthalene
Concen: 33.422 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

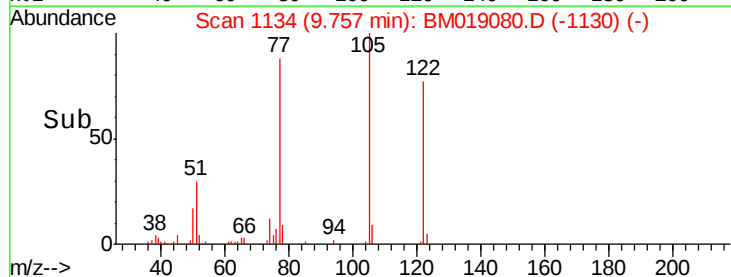
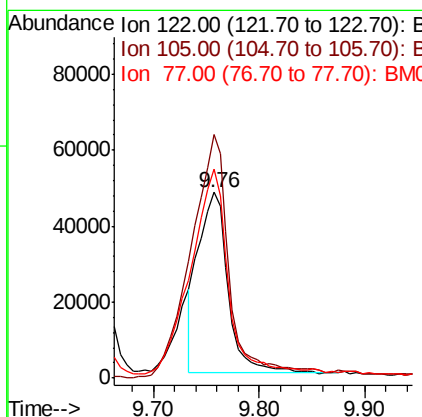
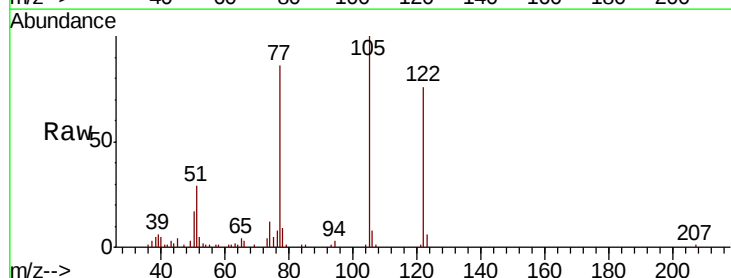
Instrument :
BNA_M
ClientSampleId :

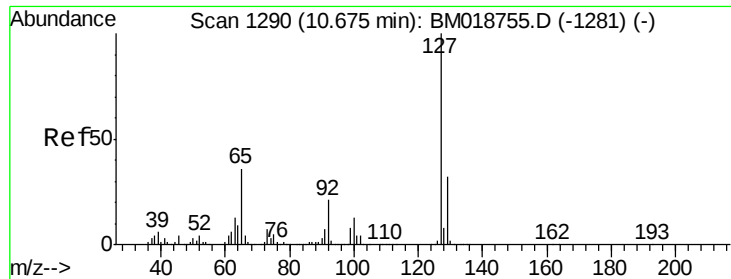
Tot Ion:128 Resp: 1026058
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 12.8 10.7 16.1



#32
Benzoic acid
Concen: 13.004 ng
RT: 9.76 min Scan# 1134
Delta R.T. -0.08 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Tgt Ion:122 Resp: 93231
Ion Ratio Lower Upper
122 100
105 131.1 117.5 157.5
77 112.6 98.5 138.5

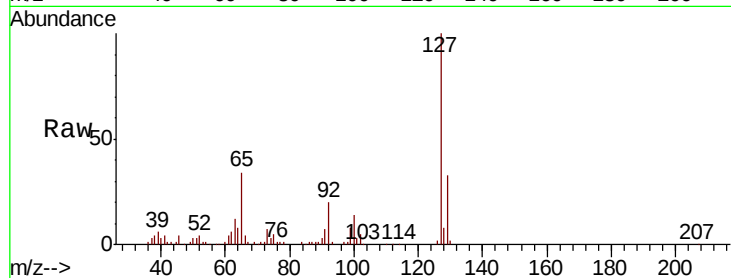




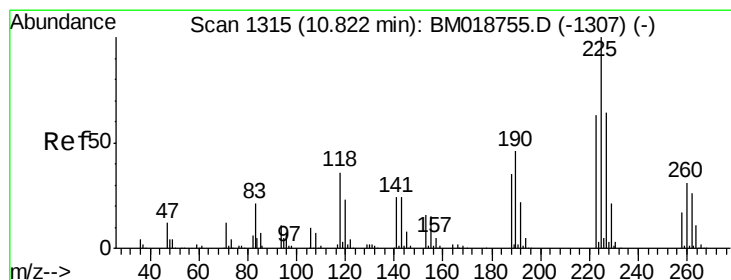
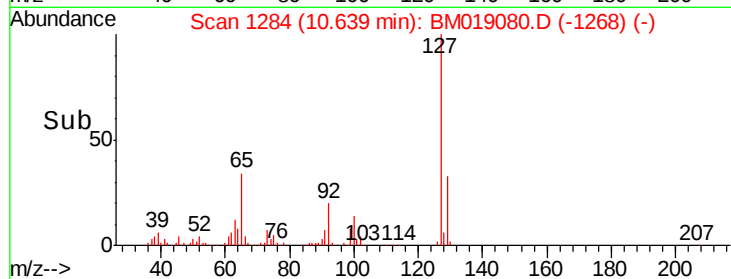
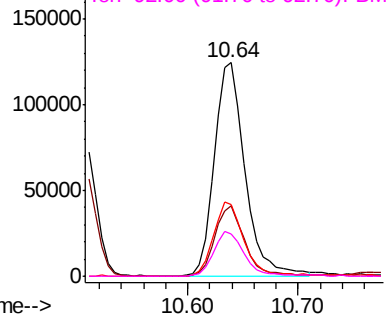
#33
4-Chloroaniline
Concen: 17.807 ng
RT: 10.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	244370
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.7	38.5
65	33.8	28.7	43.1
92	19.9	17.0	25.4

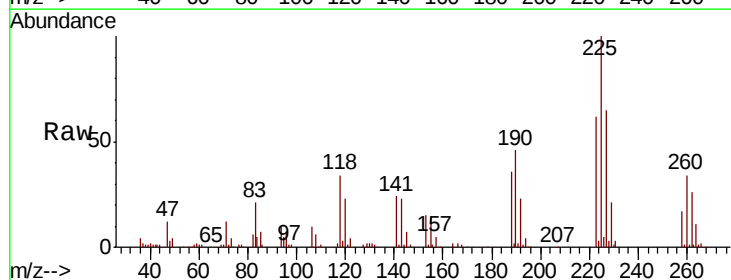


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

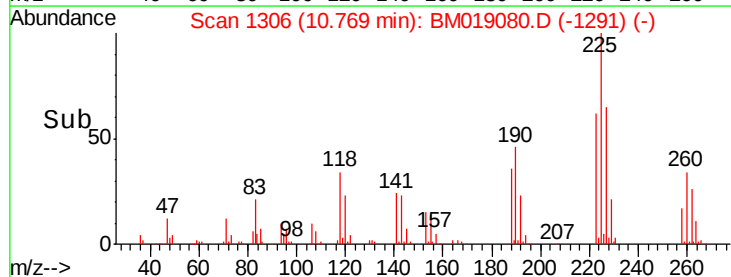
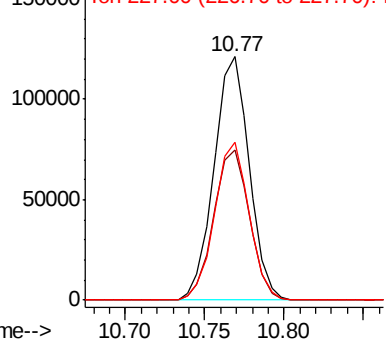


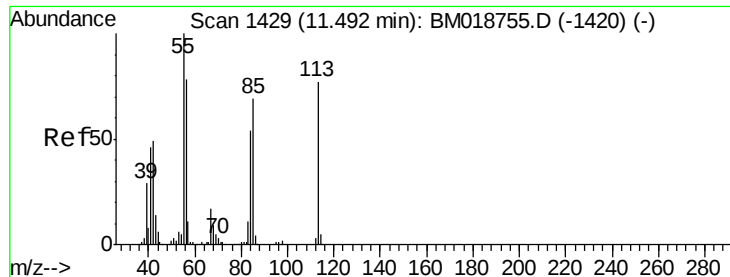
#34
Hexachlorobutadiene
Concen: 29.562 ng
RT: 10.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Tgt Ion:	225	Resp:	187015
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.1	75.1
227	64.9	51.4	77.0



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

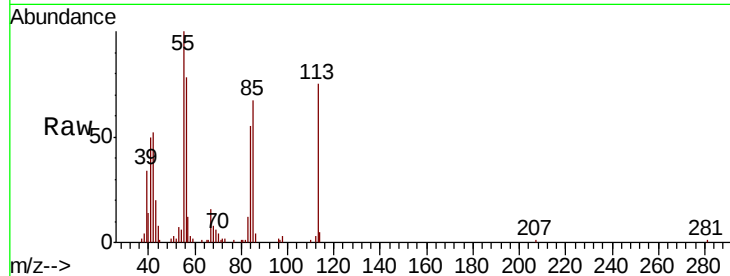




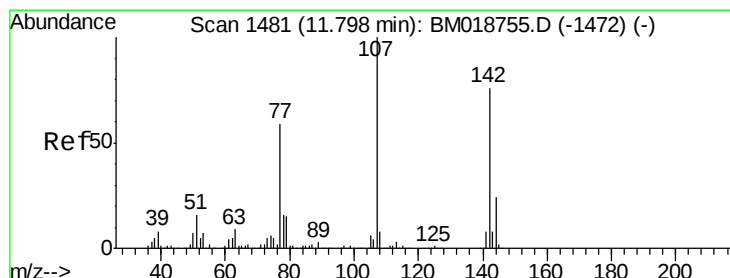
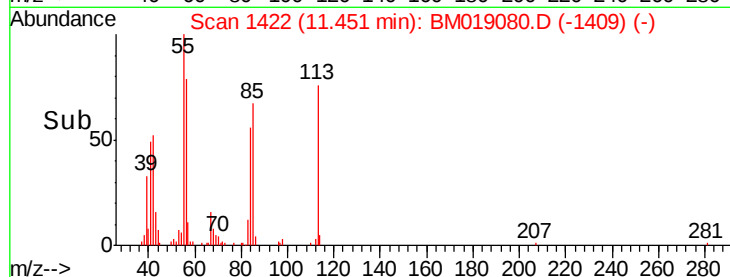
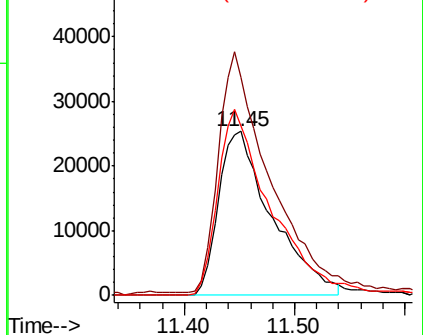
#35
Caprolactam
Concen: 22.220 ng
RT: 11.45 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion:113 Resp: 85582
Ion Ratio Lower Upper
113 100
55 132.7 110.7 150.7
56 103.2 82.4 122.4

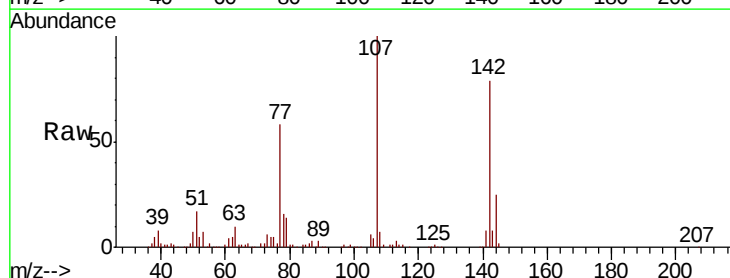


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0

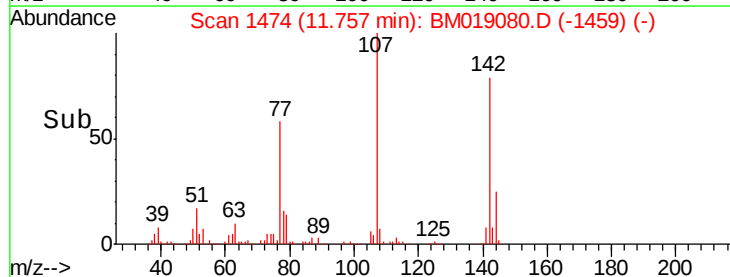
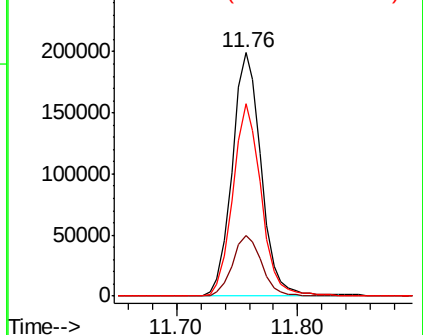


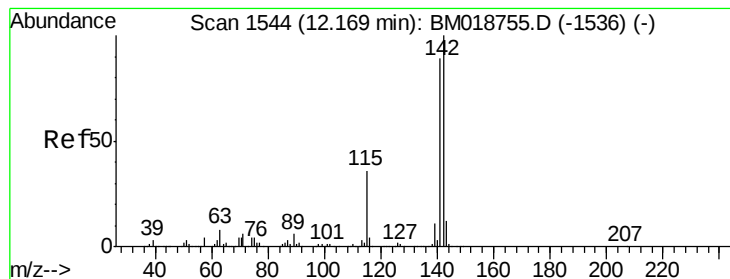
#36
4-Chloro-3-methylphenol
Concen: 29.384 ng
RT: 11.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Tgt Ion:107 Resp: 334350
Ion Ratio Lower Upper
107 100
144 25.0 19.3 28.9
142 78.9 60.5 90.7



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: 33.148 ng

RT: 12.12 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

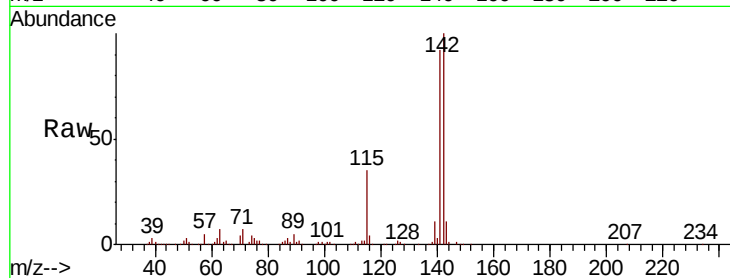
Tot Ion:142 Resp: 716485

Ion Ratio Lower Upper

142 100

141 91.7 71.2 106.8

115 35.1 29.1 43.7

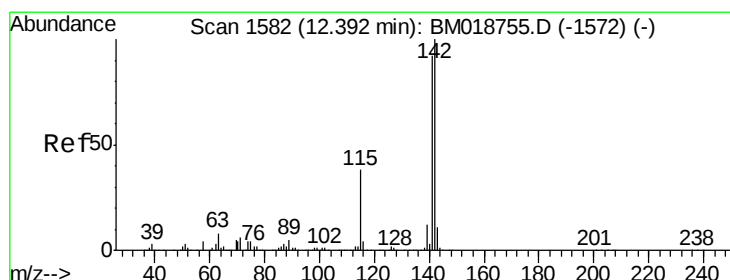
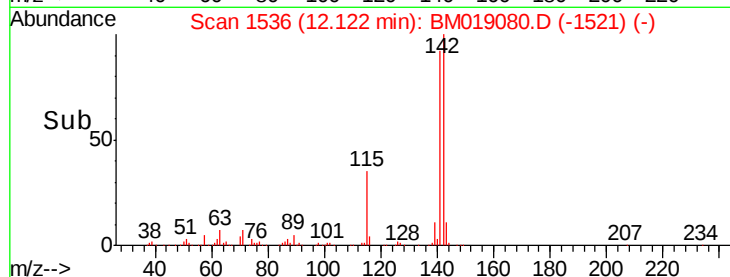
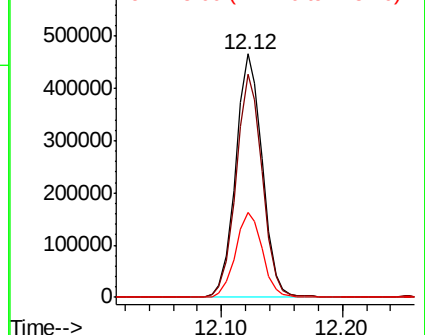


Abundance

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: 32.105 ng

RT: 12.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

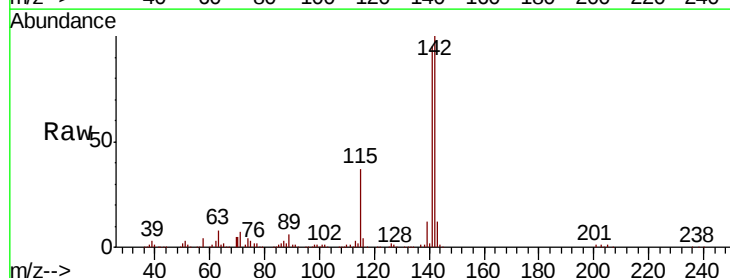
Tgt Ion:142 Resp: 678588

Ion Ratio Lower Upper

142 100

141 94.5 73.9 110.9

116 3.9 3.0 4.4

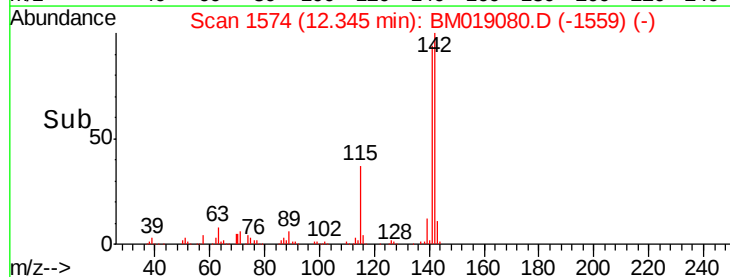
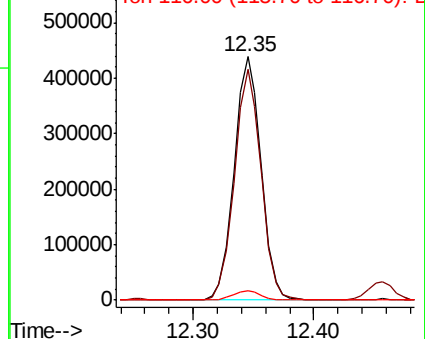


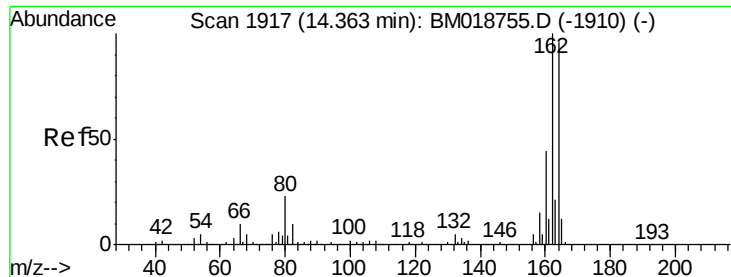
Abundance

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: 14.32 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

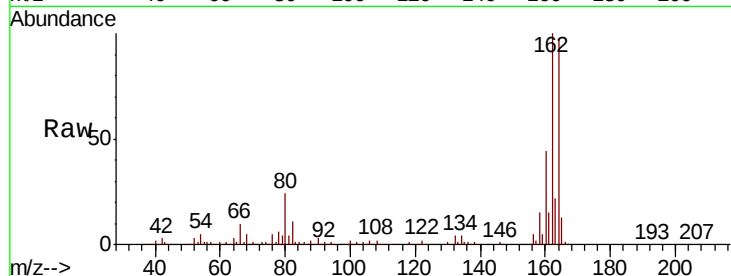
Tot Ion:164 Resp: 324138

Ion Ratio Lower Upper

164 100

162 102.6 83.4 125.0

160 44.9 36.6 55.0

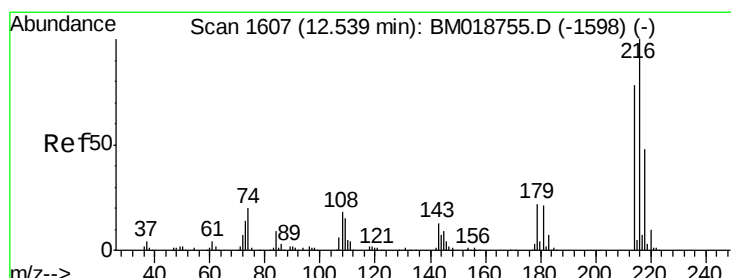
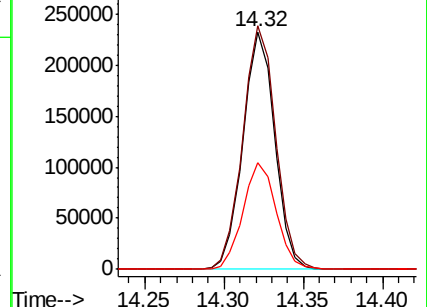
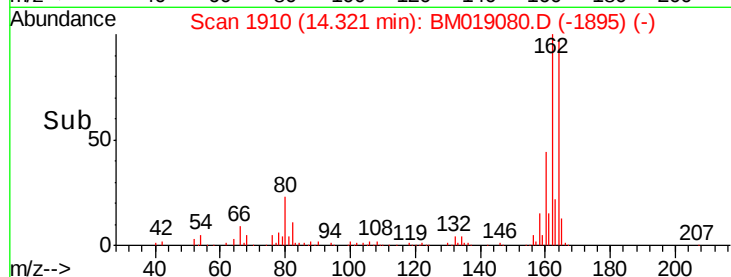


Abundance

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: 32.474 ng

RT: 12.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

Tgt Ion:216 Resp: 336716

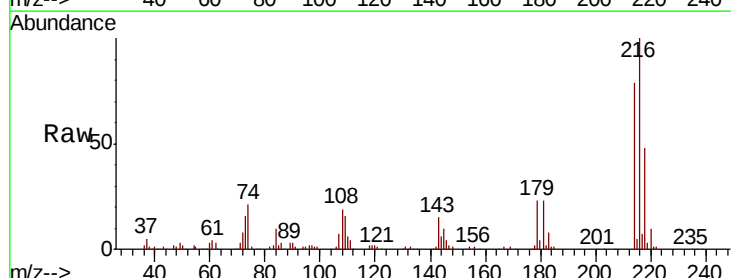
Ion Ratio Lower Upper

216 100

214 78.9 63.2 94.8

179 22.5 17.8 26.8

108 22.8 16.4 24.6



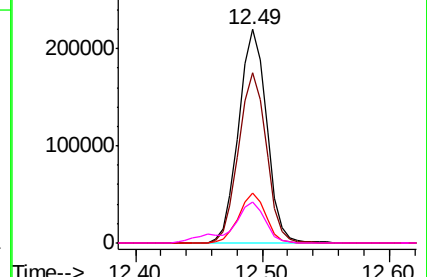
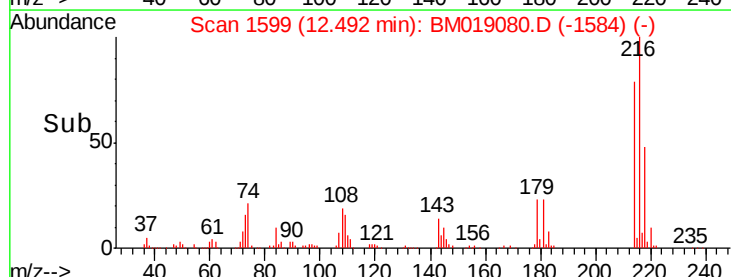
Abundance

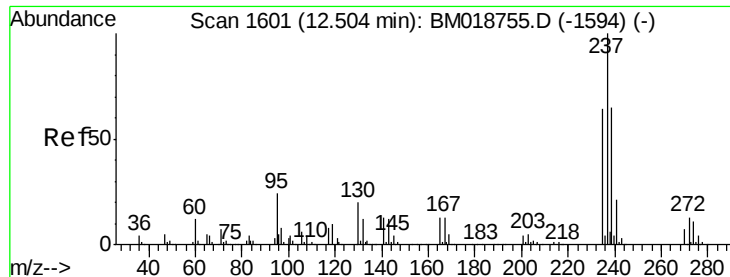
Ion 216.00 (215.70 to 216.70): E

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

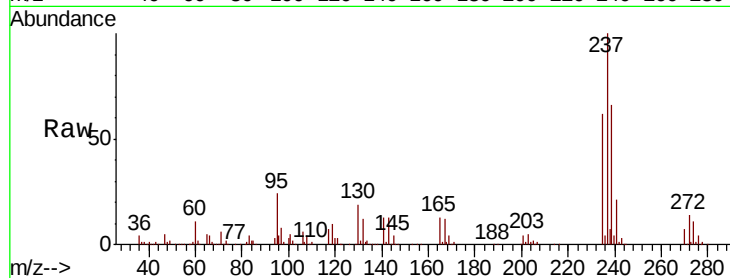




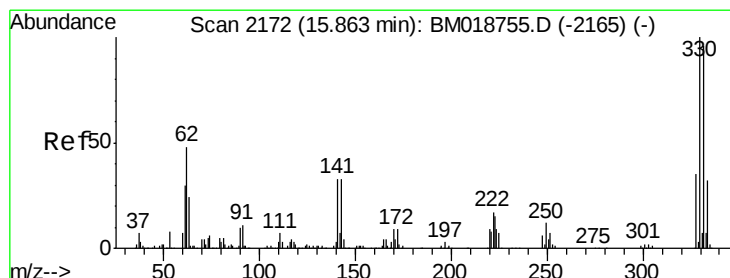
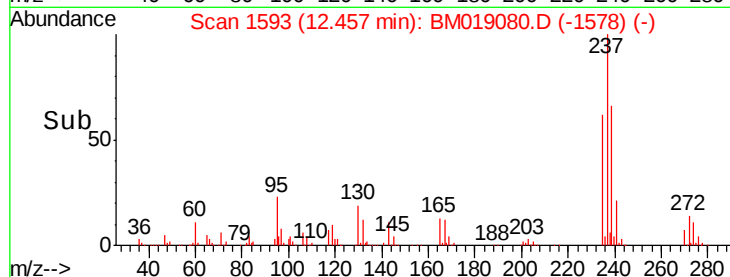
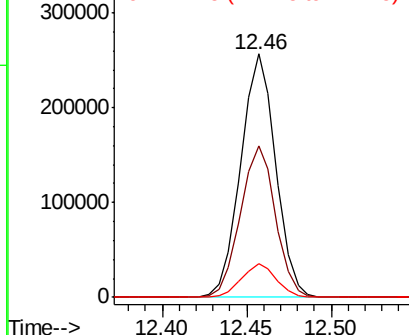
#41
Hexachlorocyclopentadiene
Concen: 69.773 ng
RT: 12.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion:237 Resp: 369890
Ion Ratio Lower Upper
237 100
235 62.4 43.7 83.7
272 13.6 0.0 33.3

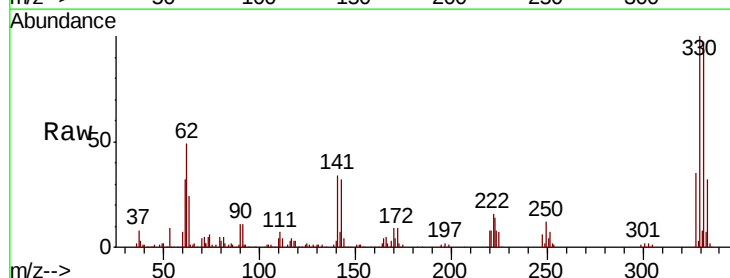


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

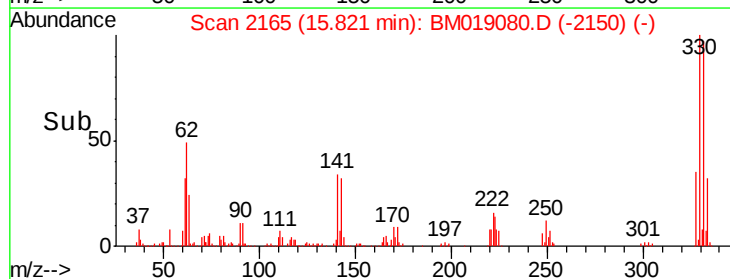
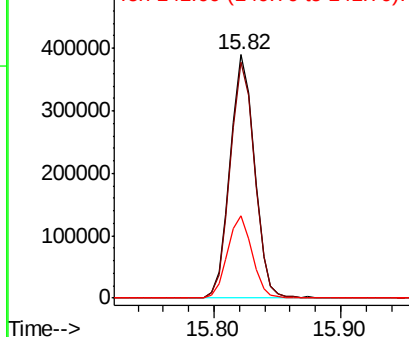


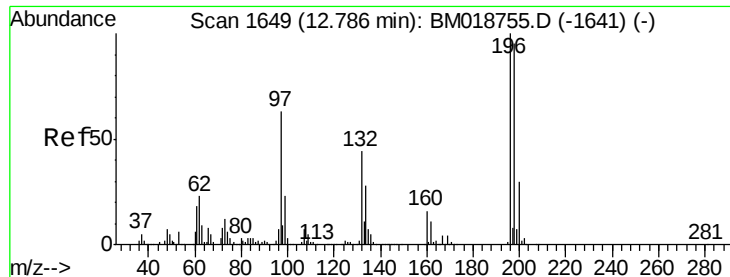
#42
2,4,6-Tribromophenol
Concen: 111.049 ng
RT: 15.82 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Tgt Ion:330 Resp: 518859
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 34.3 28.7 43.1



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

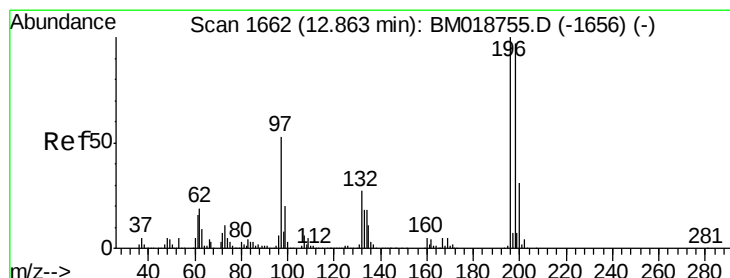
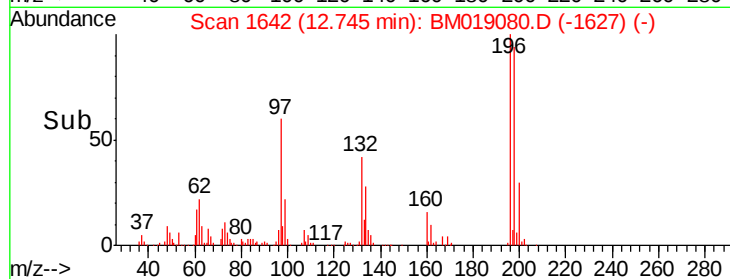
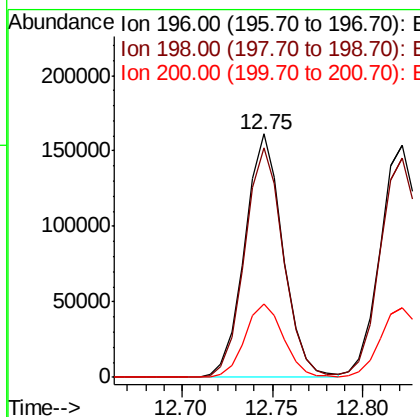
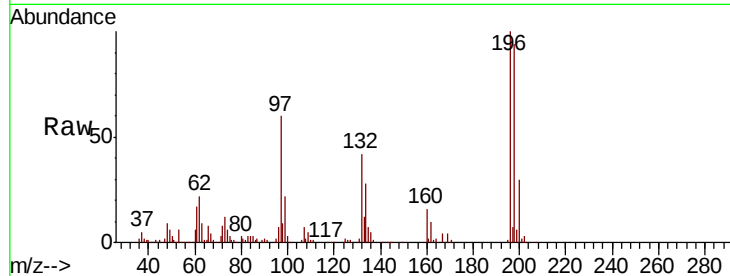




#43
 2,4,6-Trichlorophenol
 Concen: 34.428 ng
 RT: 12.75 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BM019080.D
 Acq: 08 Mar 2019 19:05

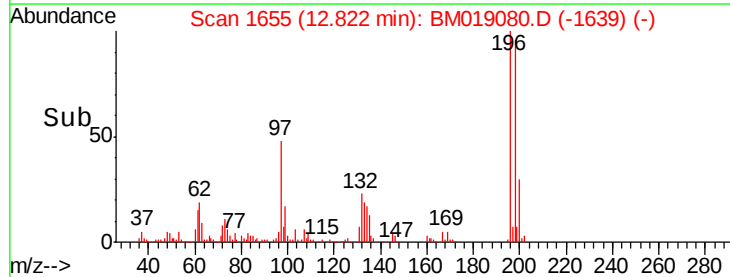
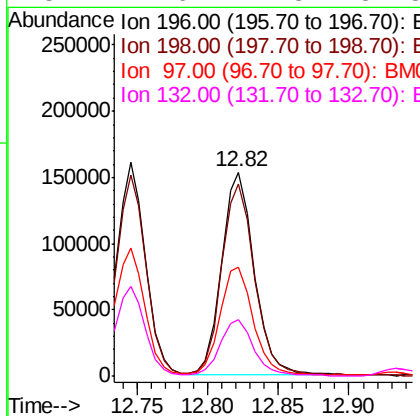
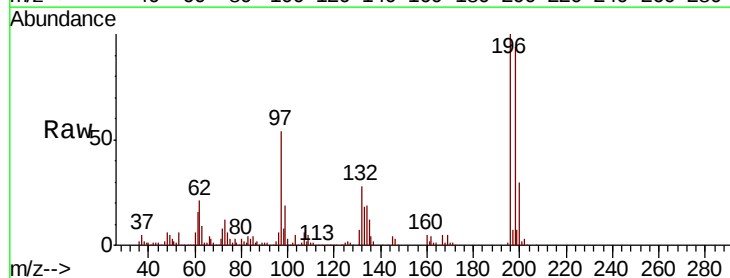
Instrument :
 BNA_M
 ClientSampleId :

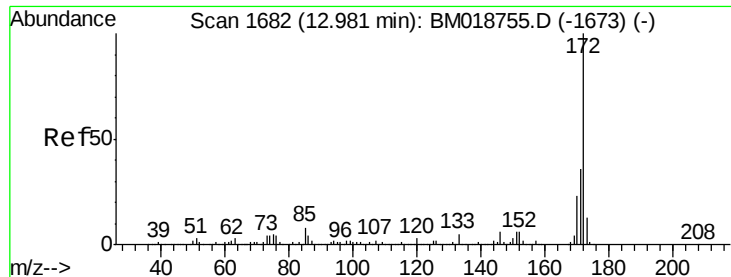
Tot Ion:196 Resp: 236317
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.2 114.2
 200 30.1 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 34.059 ng
 RT: 12.82 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BM019080.D
 Acq: 08 Mar 2019 19:05

Tgt Ion:196 Resp: 245039
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.6 116.4
 97 53.5 42.8 64.2
 132 27.6 21.8 32.8

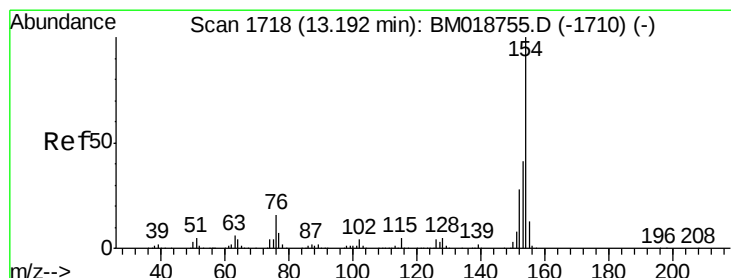
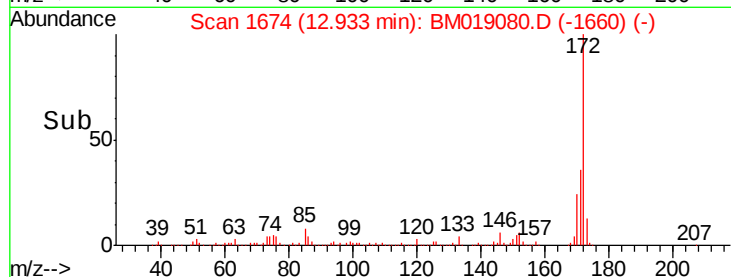
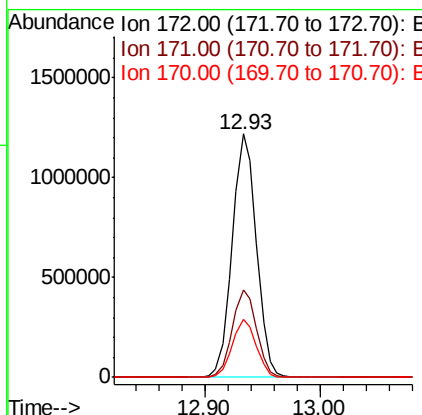
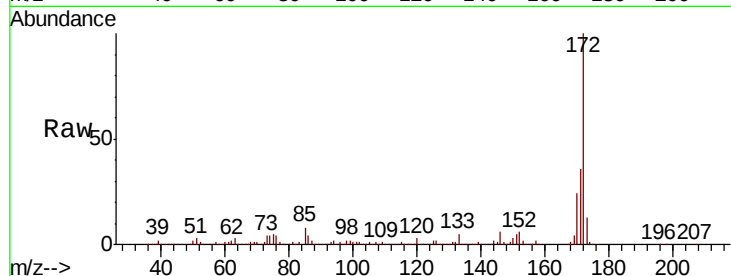




#45
2-Fluorobiphenyl
Concen: 72.375 ng
RT: 12.93 min Scan# 1674
Delta R.T. -0.02 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

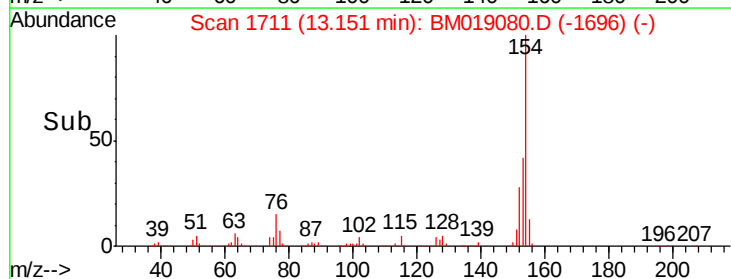
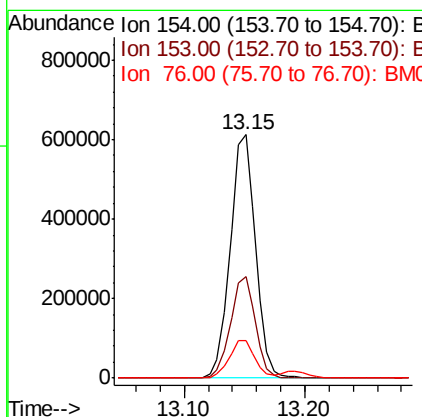
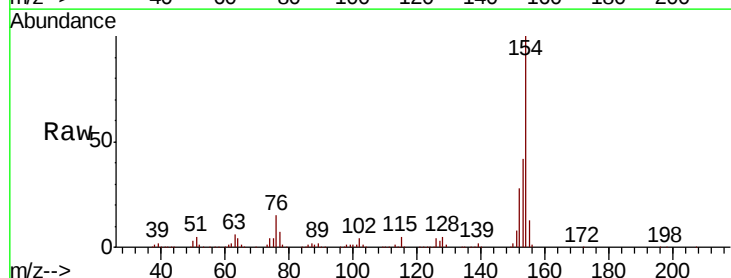
Instrument :
BNA_M
ClientSampleId :

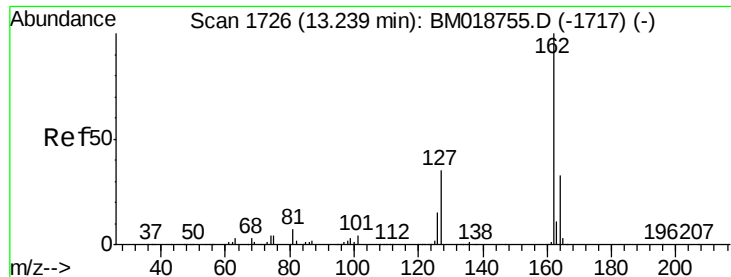
Tot Ion:172 Resp: 1767225
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 31.997 ng
RT: 13.15 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Tgt Ion:154 Resp: 892754
Ion Ratio Lower Upper
154 100
153 41.6 21.1 61.1
76 15.5 0.0 35.7

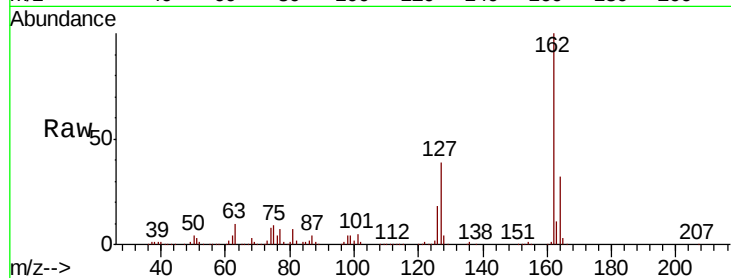




#47
 2-Chloronaphthalene
 Concen: 32.241 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BM019080.D
 Acq: 08 Mar 2019 19:05

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.1	46.7
164	32.3	26.4	39.6

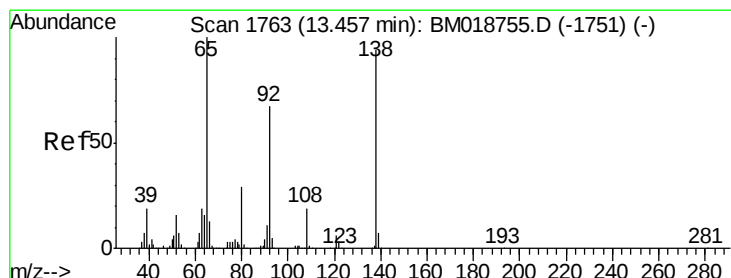
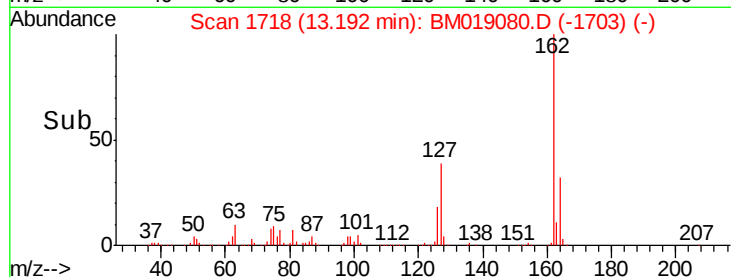
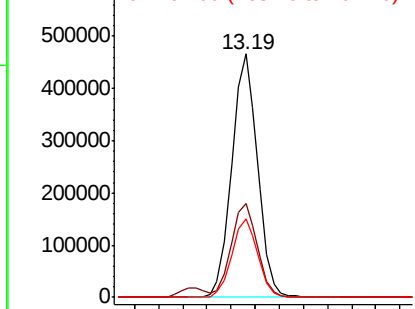


Abundance

Ion 162.00 (161.70 to 162.70): E

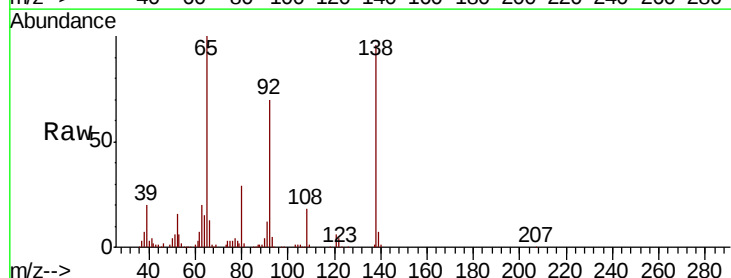
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 31.528 ng
 RT: 13.42 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BM019080.D
 Acq: 08 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	54.0	81.0
138	96.0	74.9	112.3

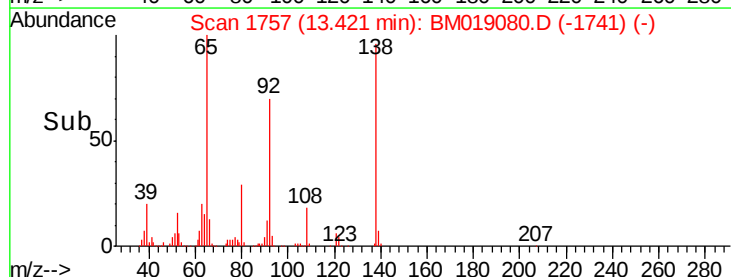
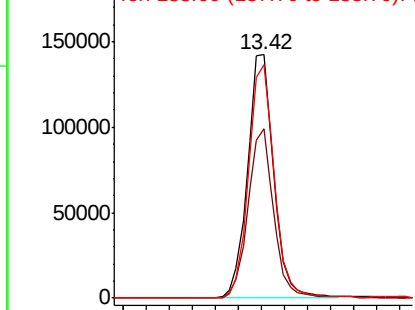


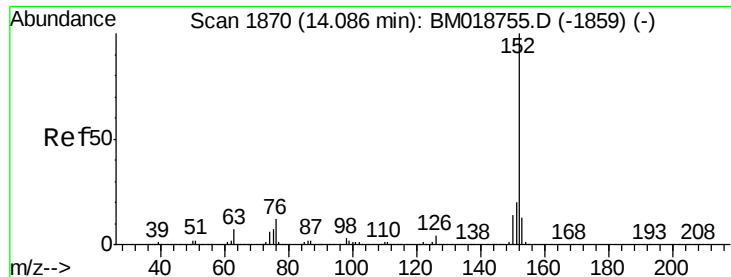
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 34.239 ng

RT: 14.04 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

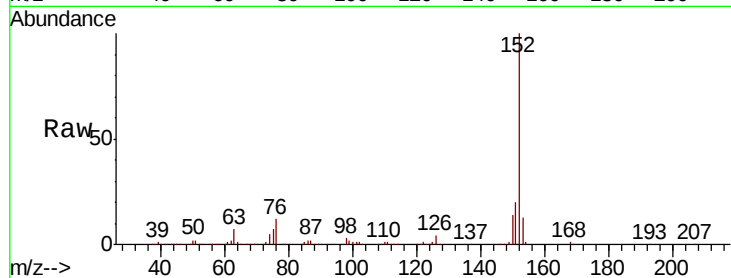
Tot Ion:152 Resp: 1098675

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

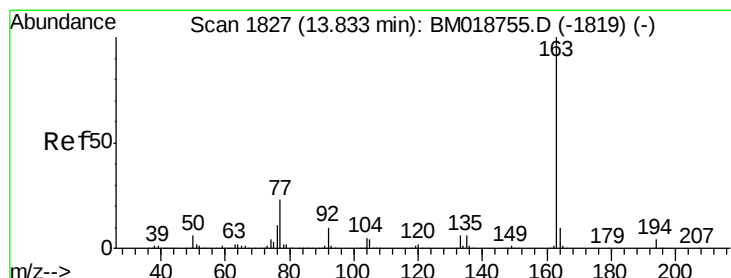
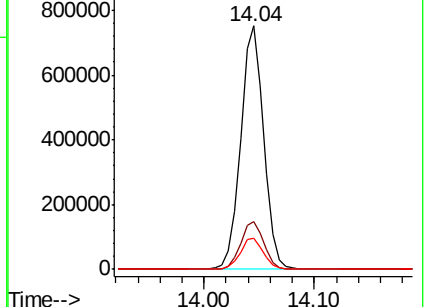
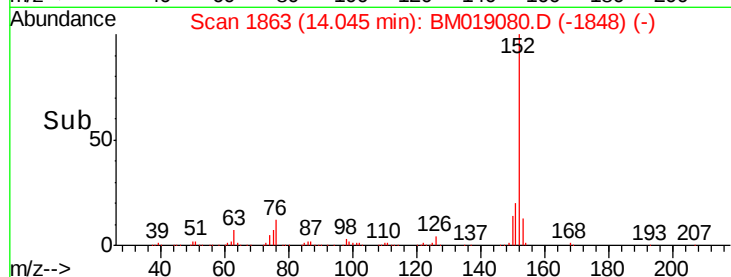
153 12.6 10.5 15.7



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: 38.288 ng

RT: 13.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

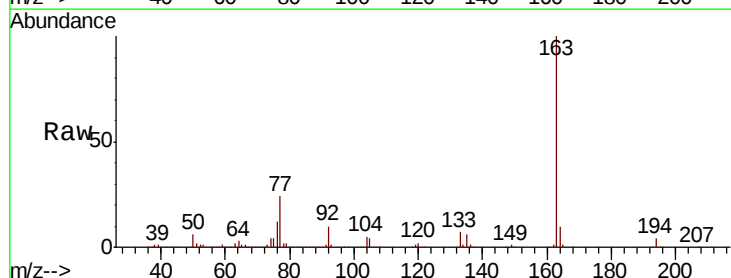
Tgt Ion:163 Resp: 1034300

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

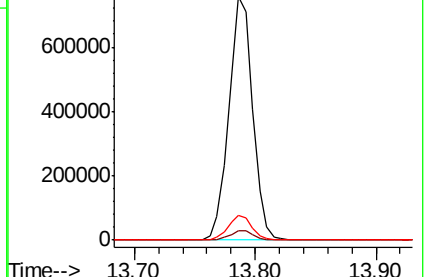
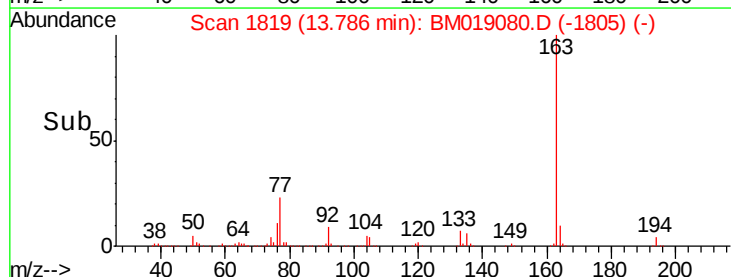
164 10.3 7.8 11.8

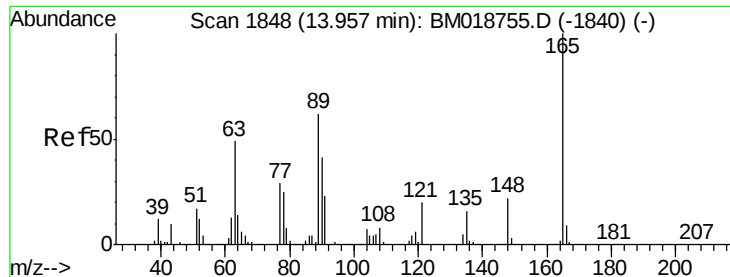


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

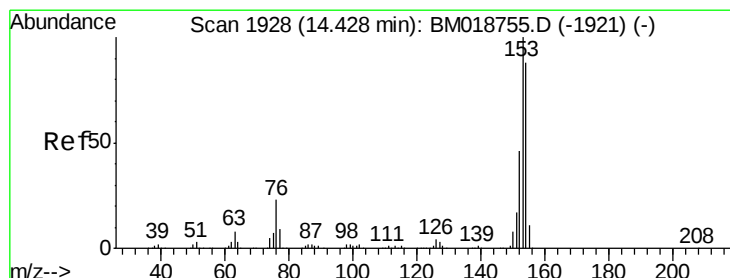
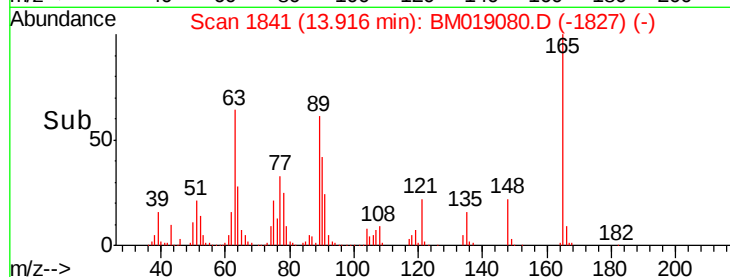
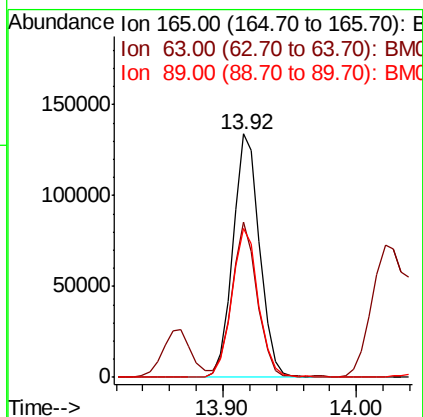
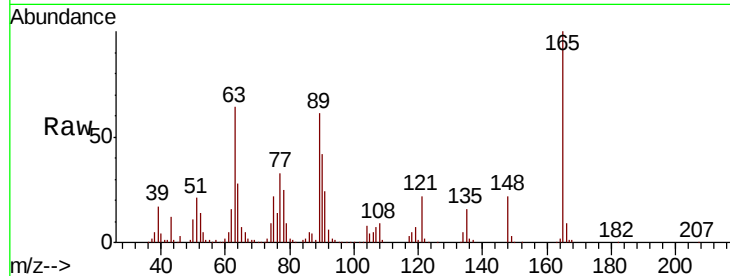




#51
2,6-Dinitrotoluene
Concen: 31.769 ng
RT: 13.92 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

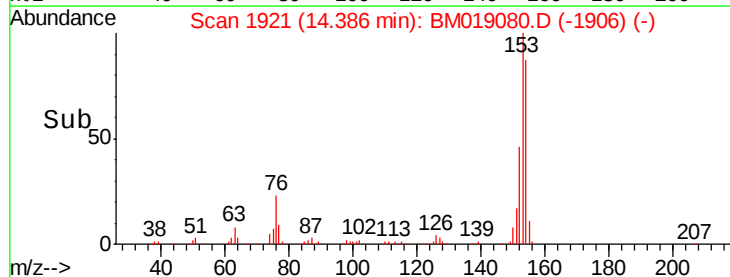
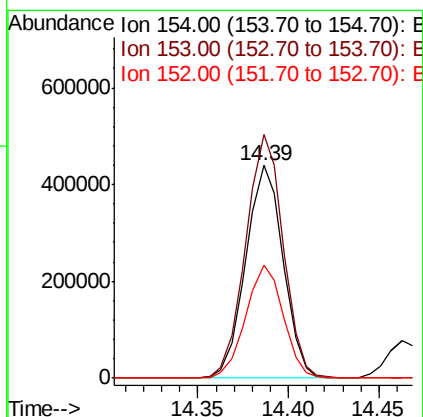
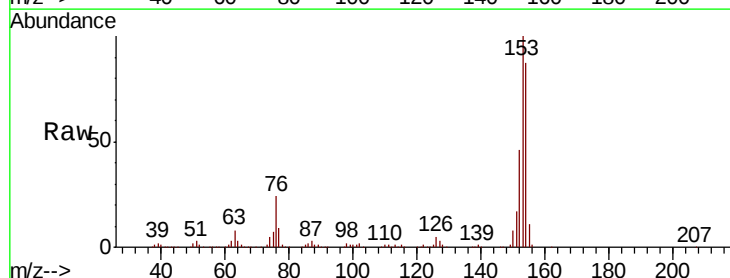
Instrument :
BNA_M
ClientSampleId :

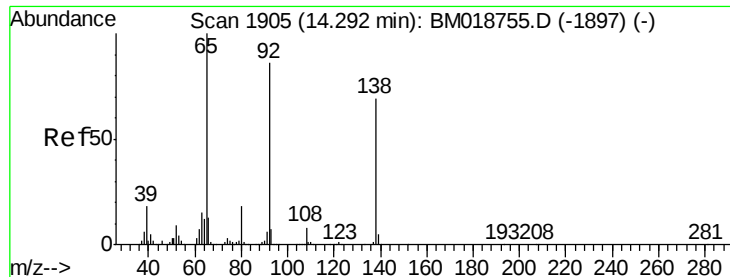
Tot Ion:165 Resp: 185906
Ion Ratio Lower Upper
165 100
63 63.6 48.9 73.3
89 61.1 49.4 74.0



#52
Acenaphthene
Concen: 32.064 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Tgt Ion:154 Resp: 630890
Ion Ratio Lower Upper
154 100
153 114.5 91.3 136.9
152 53.1 42.2 63.4





#53

3-Nitroaniline

Concen: 23.761 ng

RT: 14.26 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

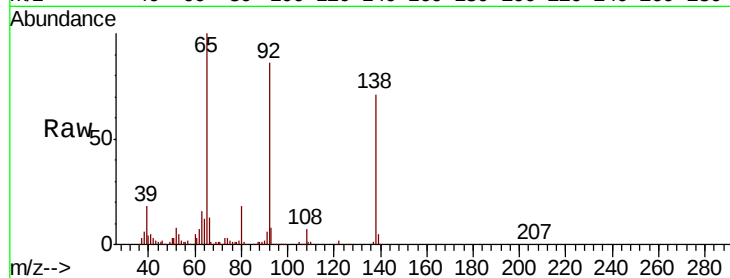
Tot Ion:138 Resp: 157106

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

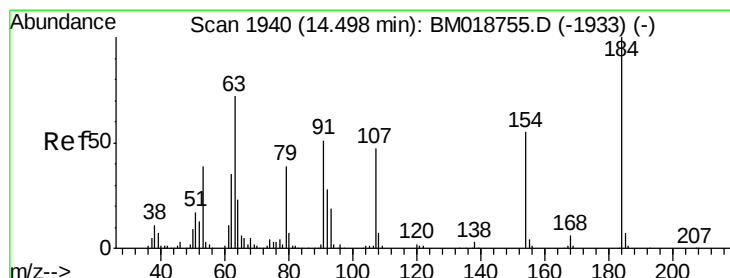
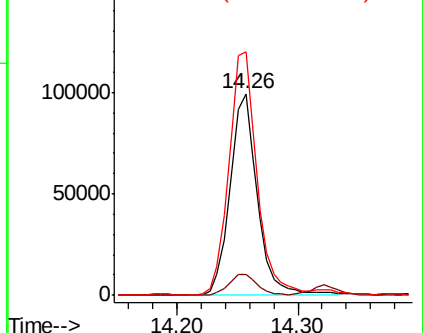
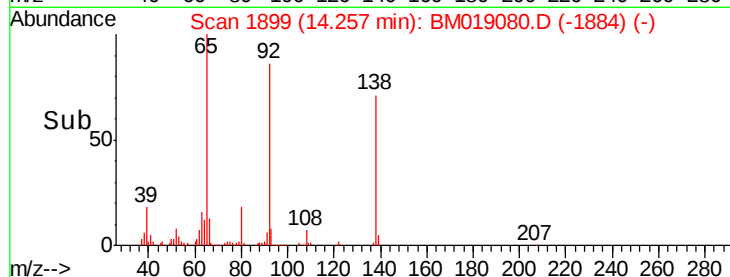
92 120.9 99.7 149.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 53.879 ng

RT: 14.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

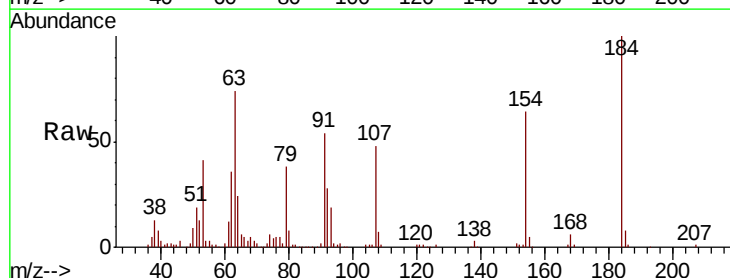
Tgt Ion:184 Resp: 192532

Ion Ratio Lower Upper

184 100

63 74.1 58.0 87.0

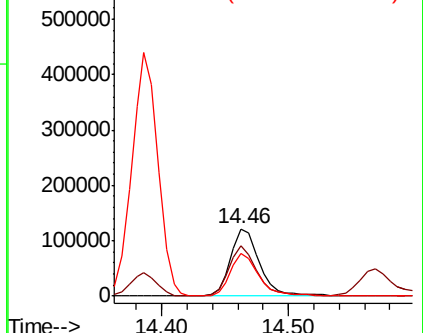
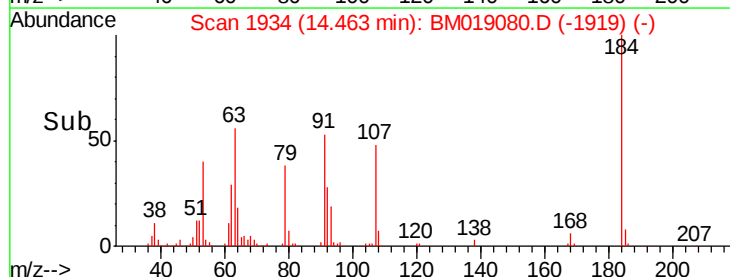
154 64.0 50.3 75.5

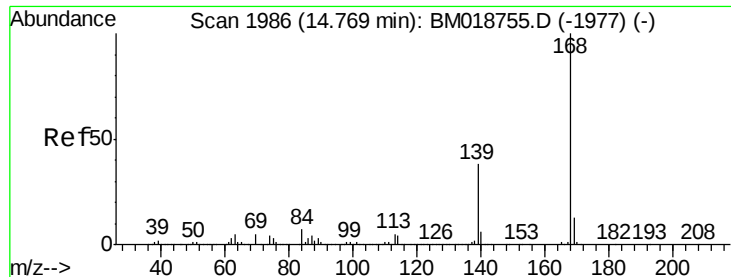


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

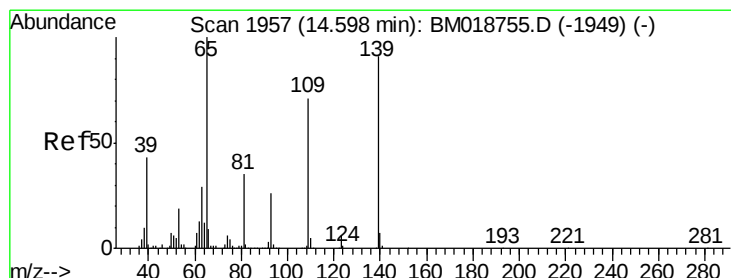
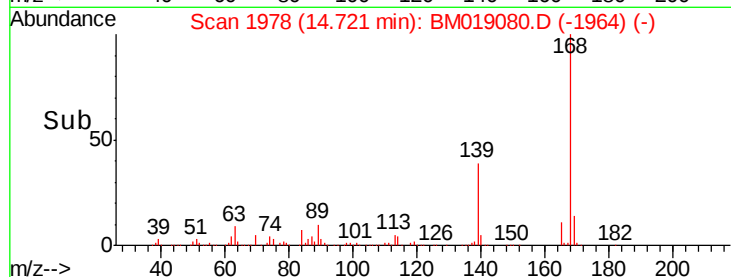
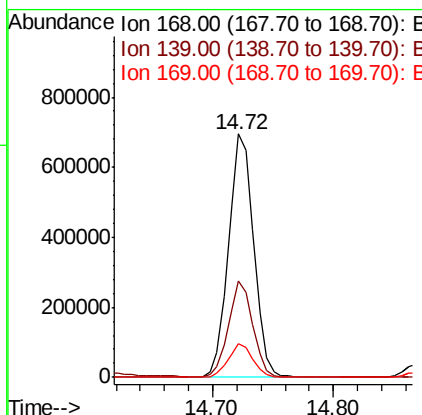
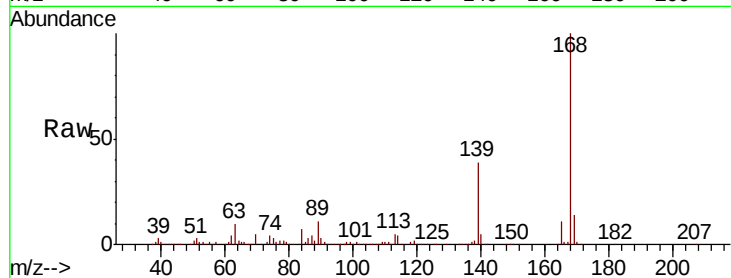




#55
Dibenzofuran
Concen: 31.149 ng
RT: 14.72 min Scan# 1978
Delta R.T. -0.02 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

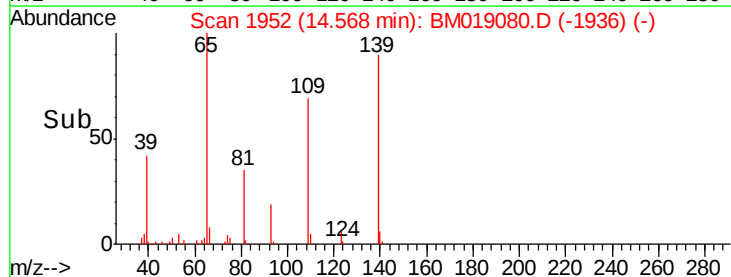
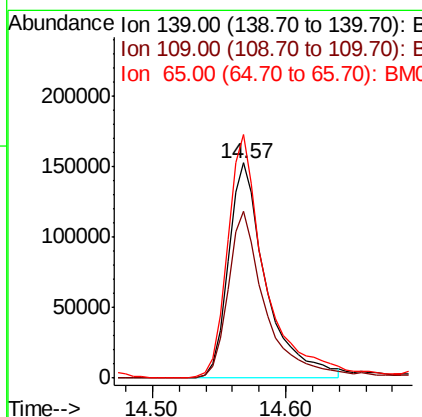
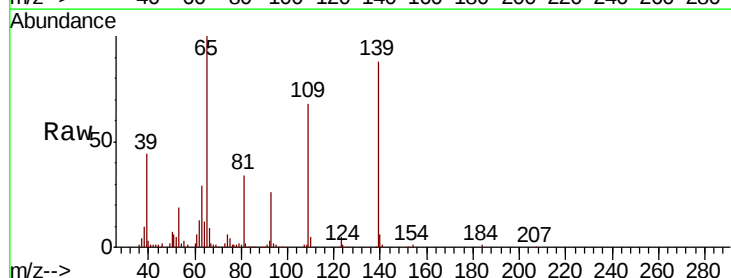
Instrument :
BNA_M
ClientSampled :

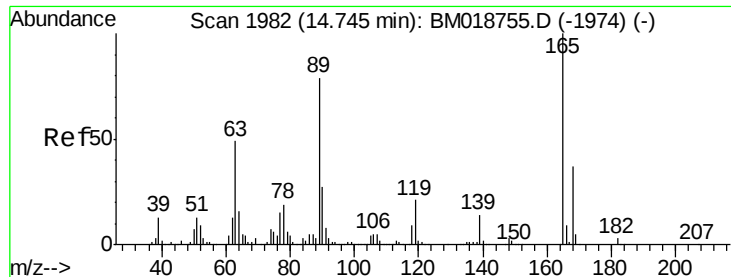
Tot Ion:168 Resp: 1007386
Ion Ratio Lower Upper
168 100
139 39.5 30.7 46.1
169 13.6 10.3 15.5



#56
4-Nitrophenol
Concen: 56.671 ng
RT: 14.57 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Tgt Ion:139 Resp: 299116
Ion Ratio Lower Upper
139 100
109 77.2 58.4 98.4
65 113.0 89.8 129.8

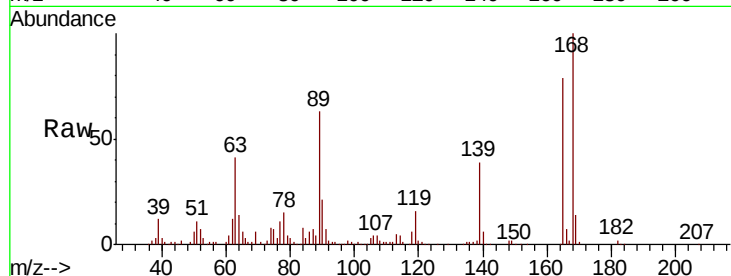




#57
2,4-Dinitrotoluene
Concen: 30.827 ng
RT: 14.71 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.8	39.6	59.4
89	79.8	63.5	95.3
182	2.9	2.2	3.4



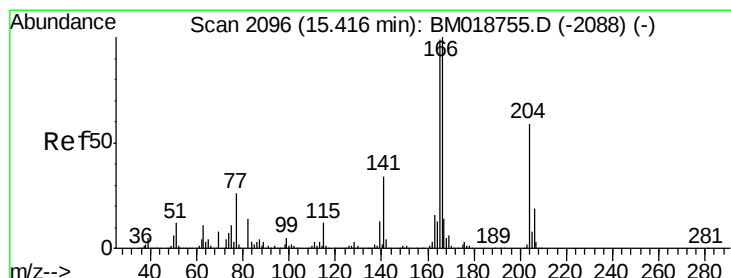
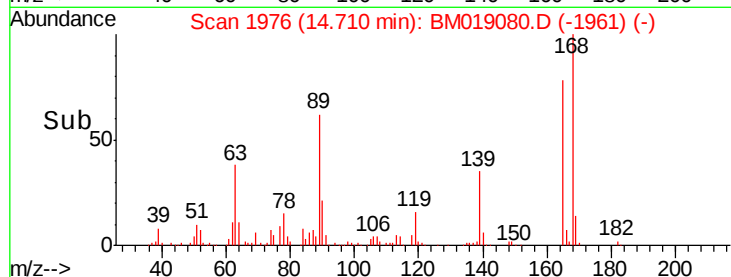
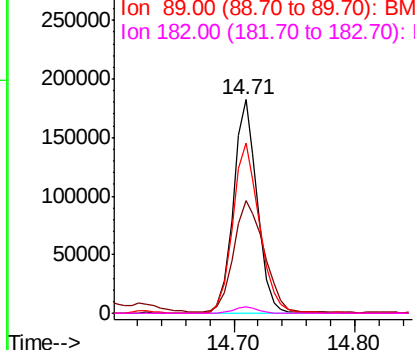
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

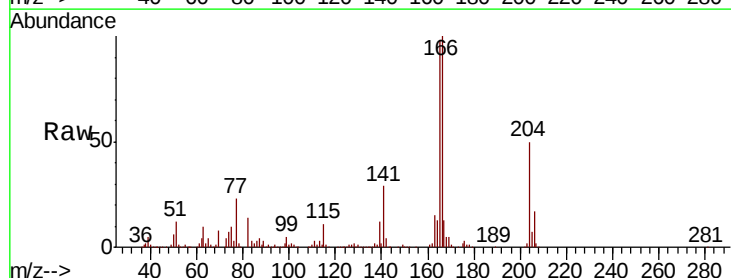
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 32.463 ng
RT: 15.37 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.1	118.7
167	13.1	11.0	16.4

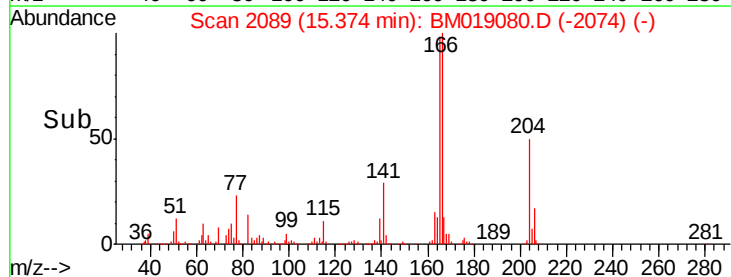
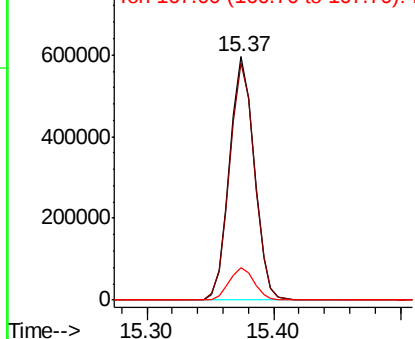


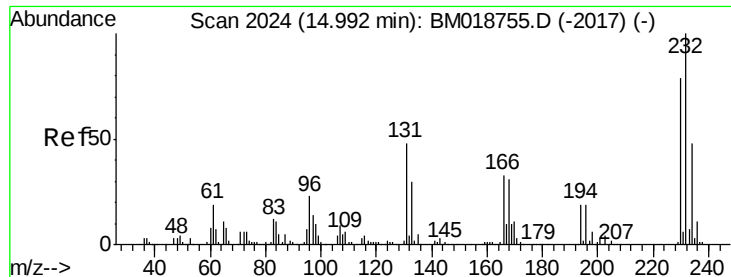
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

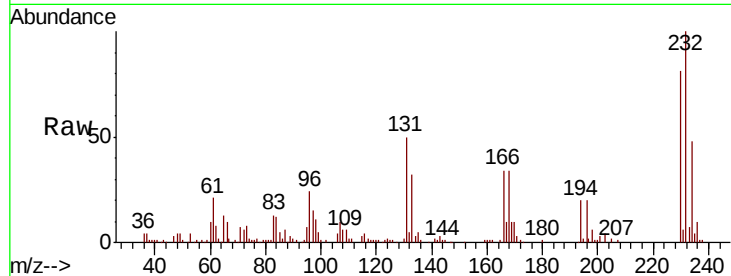




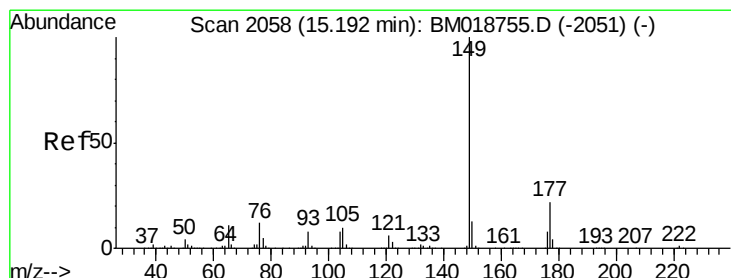
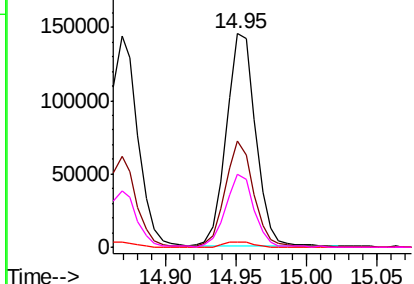
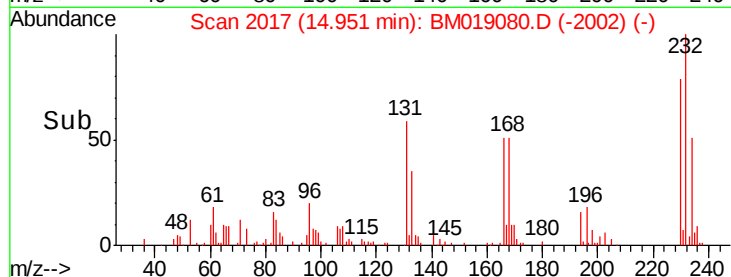
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.023 ng
 RT: 14.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BM019080.D
 Acq: 08 Mar 2019 19:05

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:	232	Resp:	210005
Ion	Ratio	Lower	Upper
232	100		
131	47.6	38.6	57.8
130	2.5	2.0	3.0
166	33.7	26.9	40.3

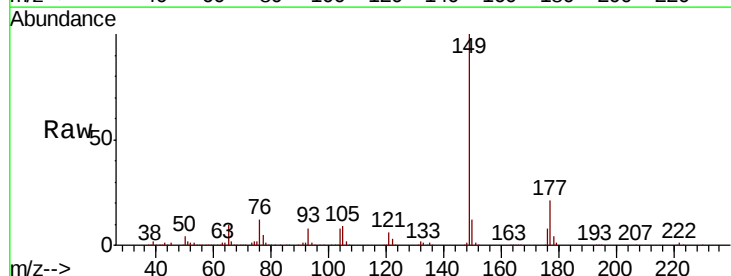


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

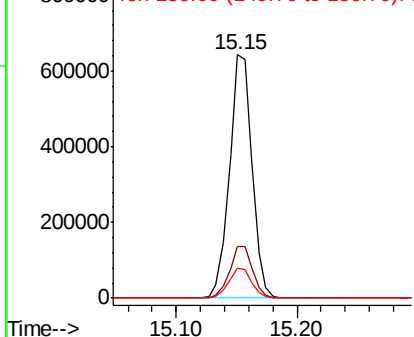
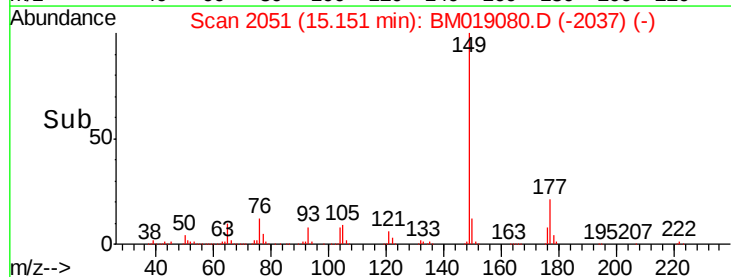


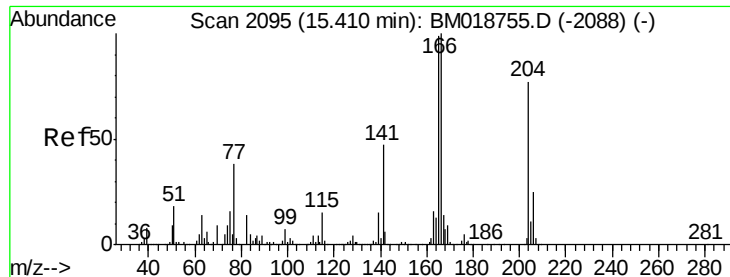
#60
 Diethylphthalate
 Concen: 29.981 ng
 RT: 15.15 min Scan# 2051
 Delta R.T. -0.02 min
 Lab File: BM019080.D
 Acq: 08 Mar 2019 19:05

Tgt Ion:	149	Resp:	835444
Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.2	25.8
150	12.4	10.2	15.2



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

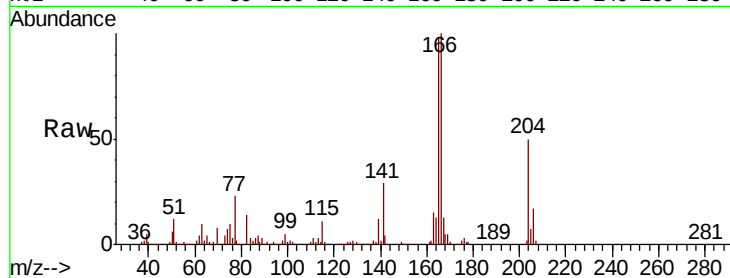




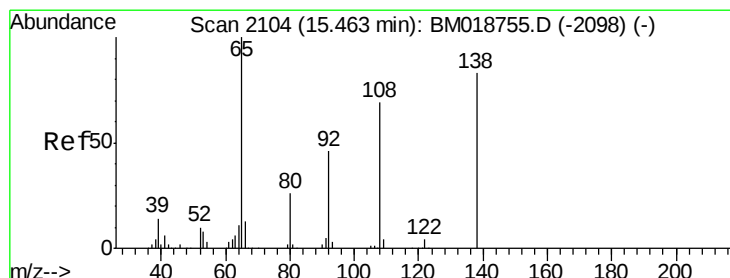
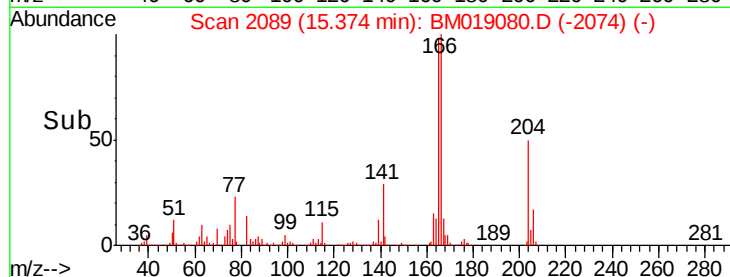
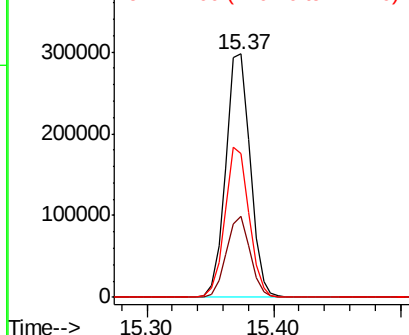
#61
4-Chlorophenyl-phenylether
Concen: 28.598 ng
RT: 15.37 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 396709
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 58.8 49.2 73.8

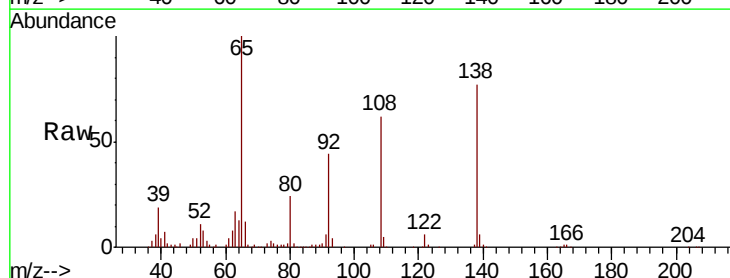


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

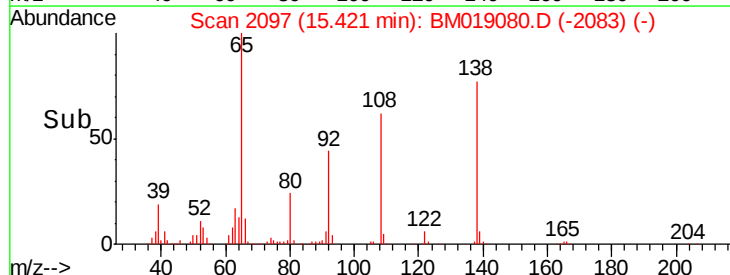
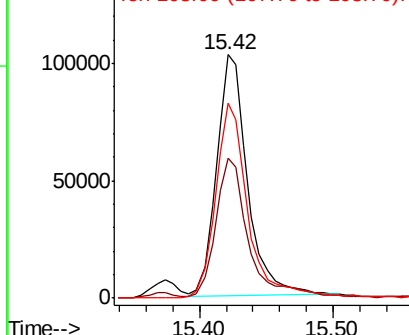


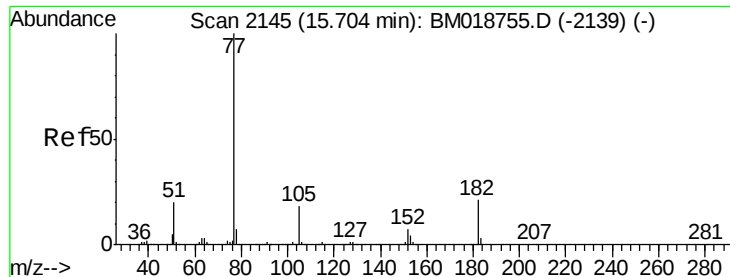
#62
4-Nitroaniline
Concen: 25.921 ng
RT: 15.42 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Tgt Ion:138 Resp: 168018
Ion Ratio Lower Upper
138 100
92 57.3 35.5 75.5
108 80.3 62.4 102.4



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





#63

Azobenzene

Concen: 29.539 ng

RT: 15.66 min Scan# 2138

Delta R.T. -0.02 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 882560

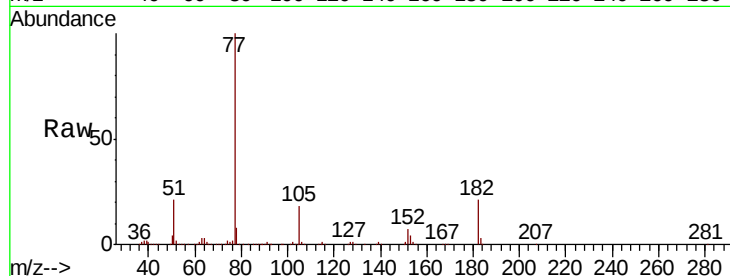
Ion	Ratio	Lower	Upper
77	100		
182	20.7	1.0	41.0
105	17.6	0.0	37.7
51	20.8	0.3	40.3

77 100

182 20.7 1.0 41.0

105 17.6 0.0 37.7

51 20.8 0.3 40.3



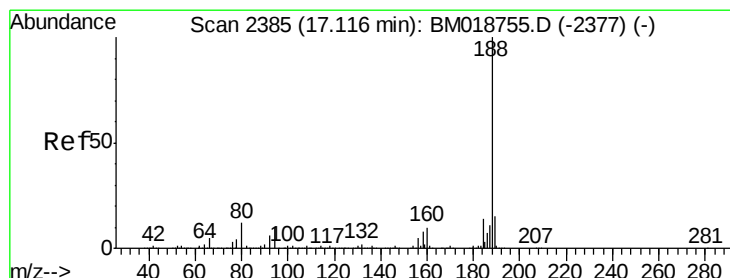
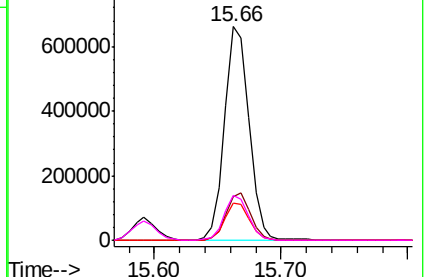
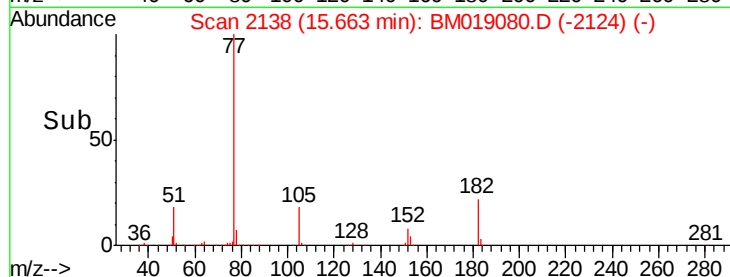
Abundance Ion 77.00 (76.70 to 77.70): BM019080.D (-2139) (-)

Ion 182.00 (181.70 to 182.70): BM019080.D (-2139) (-)

Ion 105.00 (104.70 to 105.70): BM019080.D (-2139) (-)

Ion 51.00 (50.70 to 51.70): BM019080.D (-2139) (-)

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

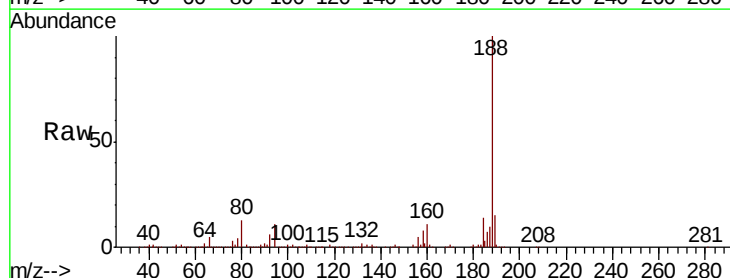
Tgt Ion: 188 Resp: 663628

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.2	12.2
80	12.7	9.7	14.5

188 100

94 10.8 8.2 12.2

80 12.7 9.7 14.5

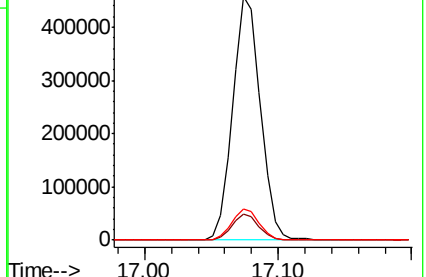
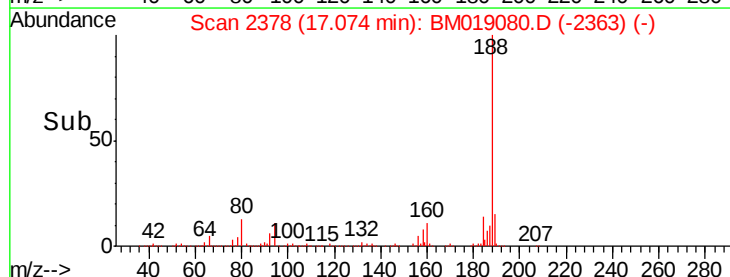


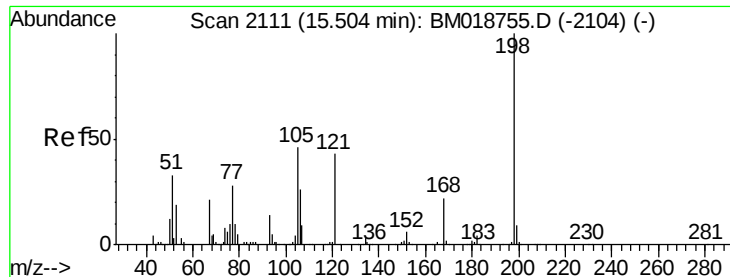
Abundance Ion 188.00 (187.70 to 188.70): BM019080.D (-2363) (-)

Ion 94.00 (93.70 to 94.70): BM019080.D (-2363) (-)

Ion 80.00 (79.70 to 80.70): BM019080.D (-2363) (-)

Time-->

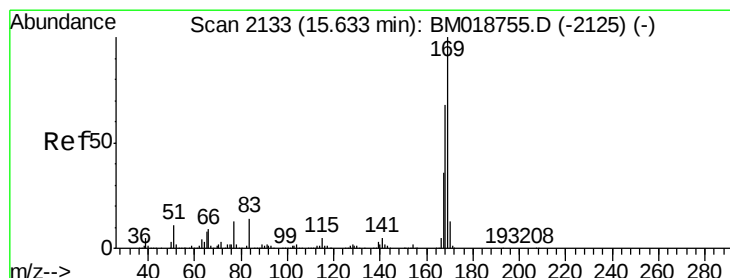
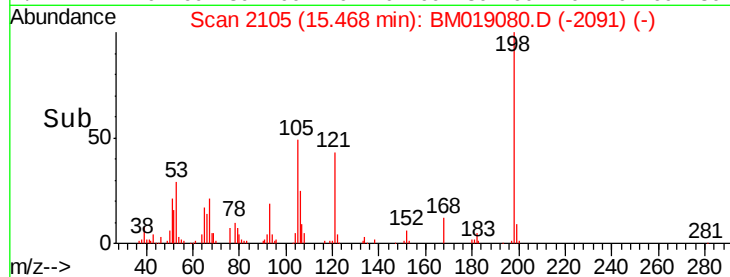
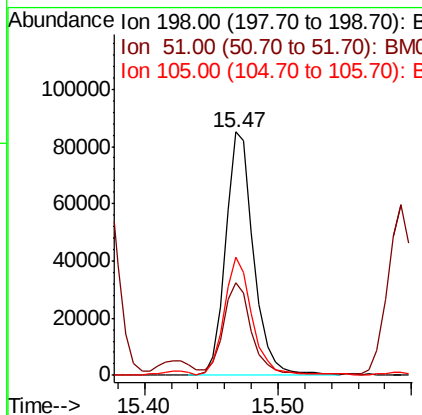
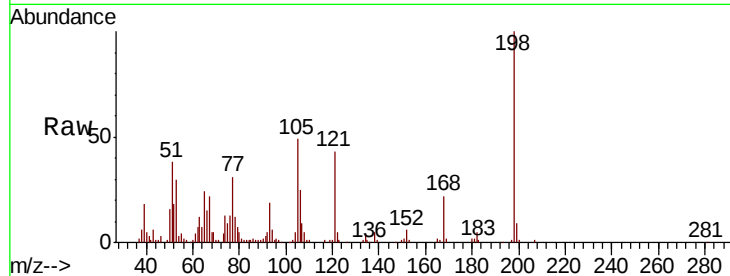




#65
4,6-Dinitro-2-methylphenol
Concen: 26.868 ng
RT: 15.47 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

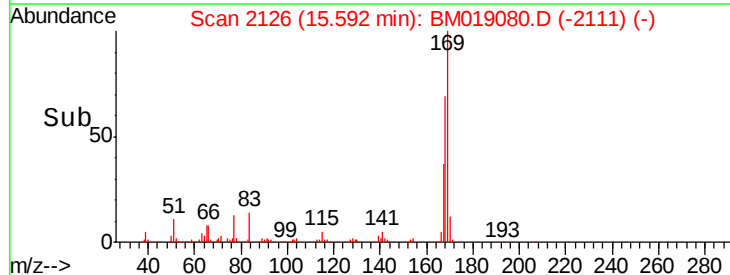
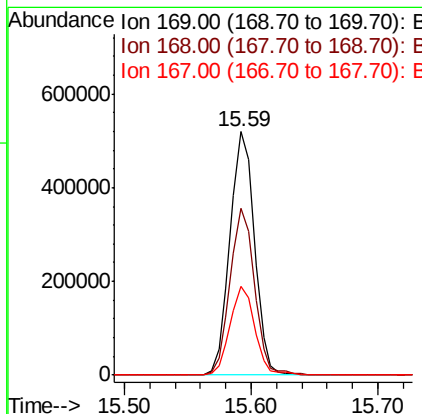
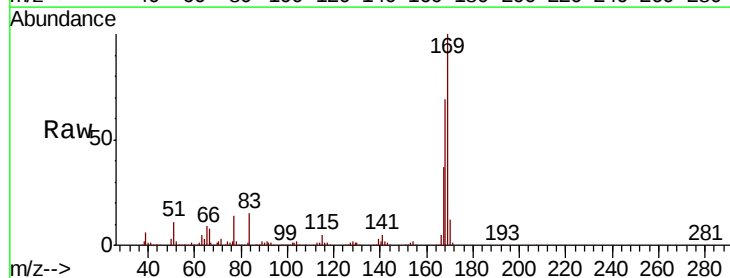
Instrument :
BNA_M
ClientSampled :

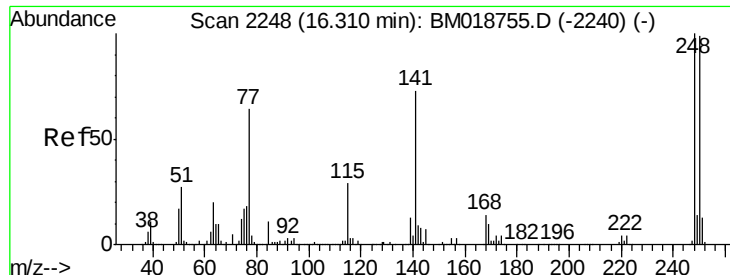
Tot Ion:198 Resp: 125188
Ion Ratio Lower Upper
198 100
51 38.2 18.4 58.4
105 48.6 27.2 67.2



#66
n-Nitrosodiphenylamine
Concen: 33.160 ng
RT: 15.59 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Tgt Ion:169 Resp: 695256
Ion Ratio Lower Upper
169 100
168 68.7 54.4 81.6
167 36.7 29.0 43.6

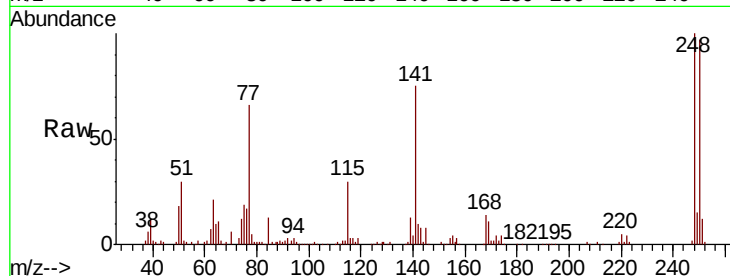




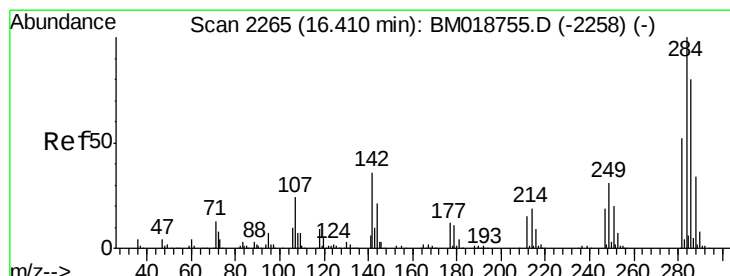
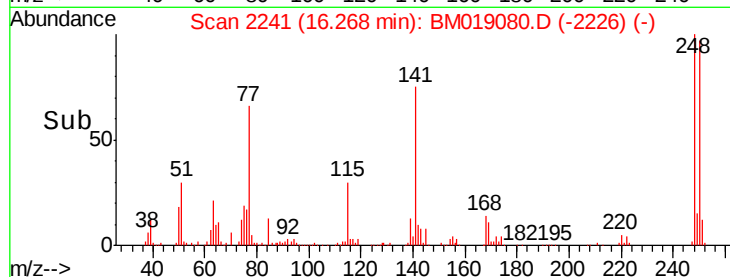
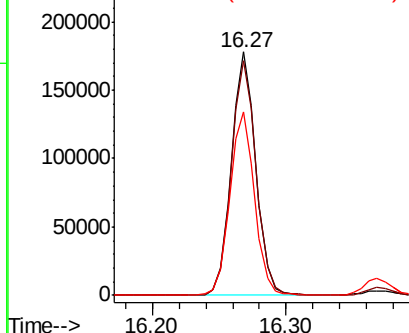
#67
 4-Bromophenyl-phenylether
 Concen: 30.652 ng
 RT: 16.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BM019080.D
 Acq: 08 Mar 2019 19:05

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:248 Resp: 227687
 Ion Ratio Lower Upper
 248 100
 250 96.6 79.0 118.6
 141 75.2 58.6 88.0

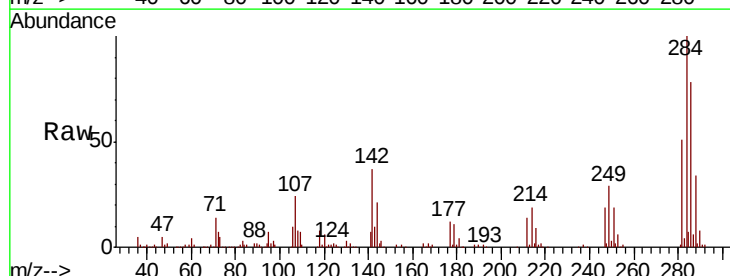


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

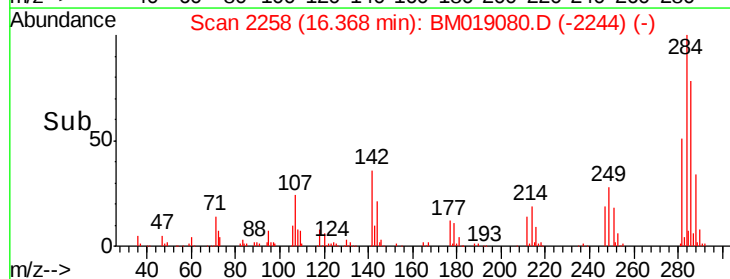
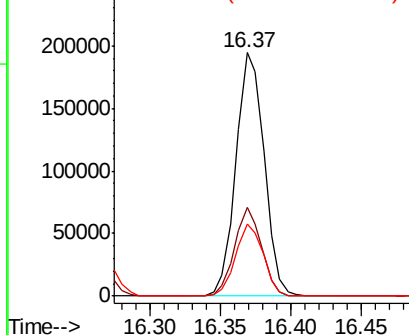


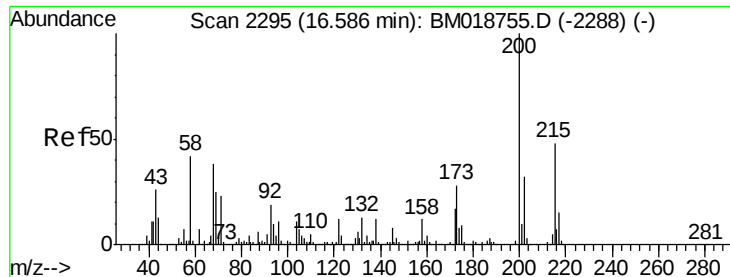
#68
 Hexachlorobenzene
 Concen: 31.430 ng
 RT: 16.37 min Scan# 2258
 Delta R.T. -0.02 min
 Lab File: BM019080.D
 Acq: 08 Mar 2019 19:05

Tgt Ion:284 Resp: 271369
 Ion Ratio Lower Upper
 284 100
 142 36.6 28.9 43.3
 249 29.5 24.8 37.2



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: 34.063 ng

RT: 16.55 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

Instrument :

BNA_M

ClientSampled :

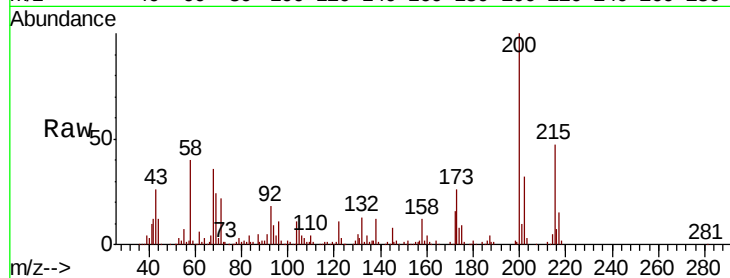
Tot Ion:200 Resp: 230248

Ion Ratio Lower Upper

200 100

173 25.9 7.6 47.6

215 46.6 27.6 67.6

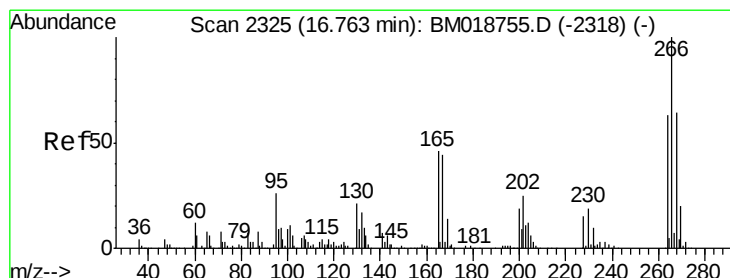
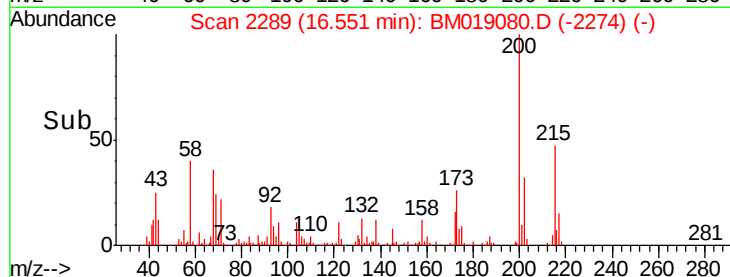
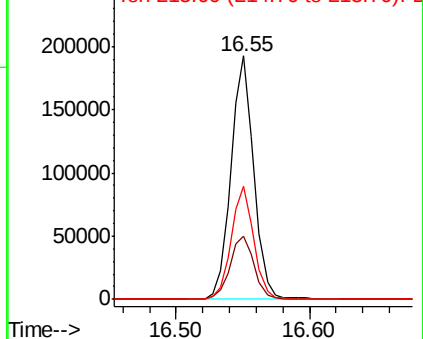


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 57.994 ng

RT: 16.73 min Scan# 2319

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

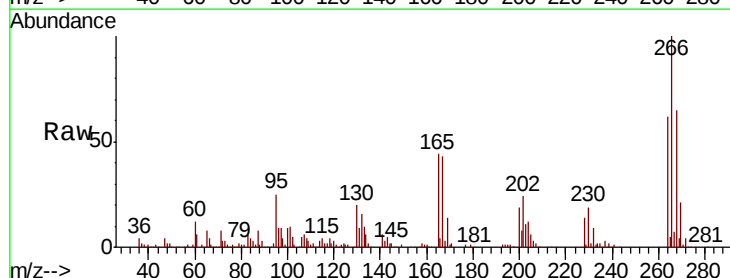
Tgt Ion:266 Resp: 322406

Ion Ratio Lower Upper

266 100

268 65.1 51.3 76.9

264 61.8 50.6 75.8

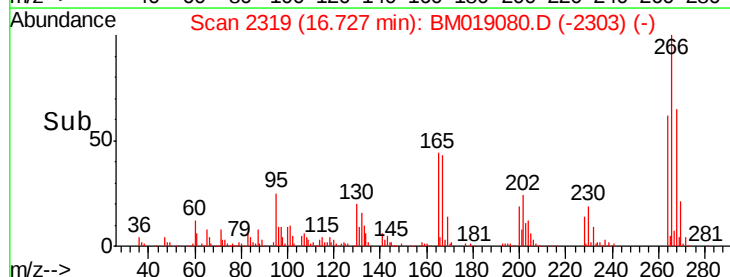
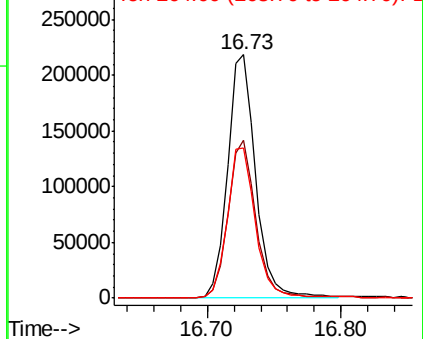


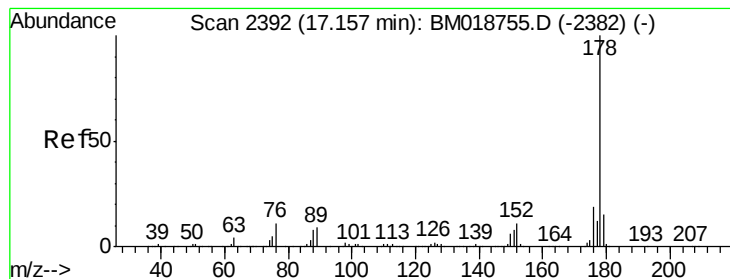
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 33.338 ng

RT: 17.12 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

Instrument :

BNA_M

ClientSampled :

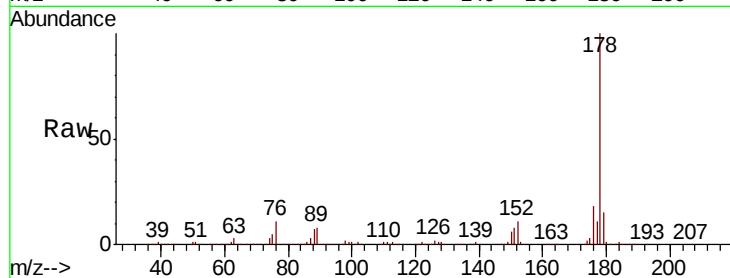
Tot Ion:178 Resp: 1188963

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.0

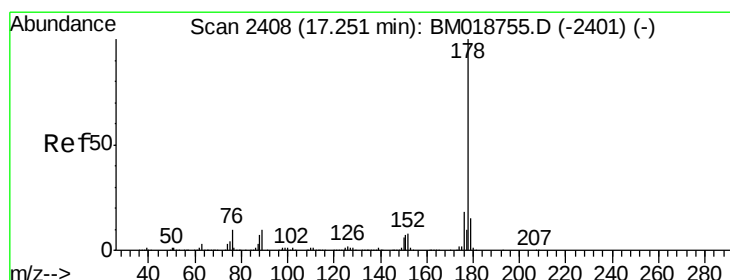
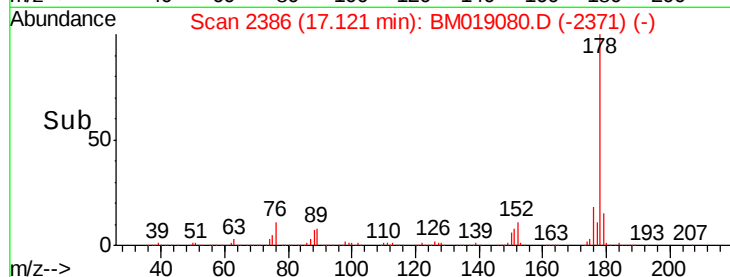
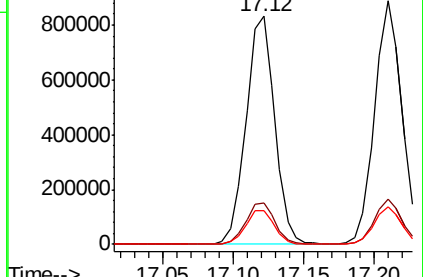
179 14.7 12.3 18.5



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: 34.417 ng

RT: 17.21 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

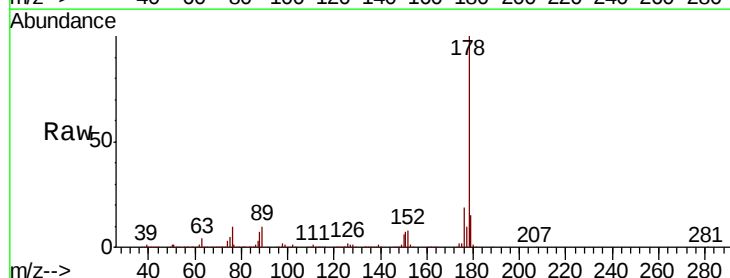
Tgt Ion:178 Resp: 1194731

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

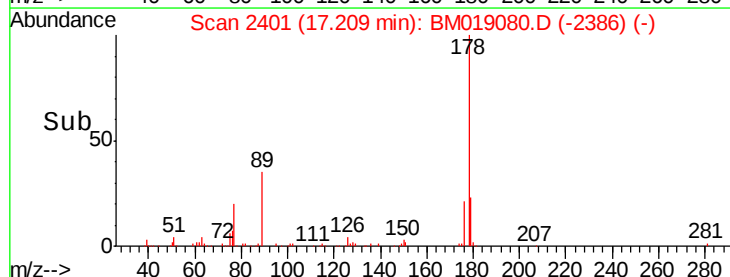
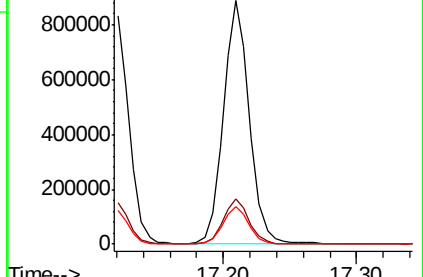
179 15.3 12.1 18.1

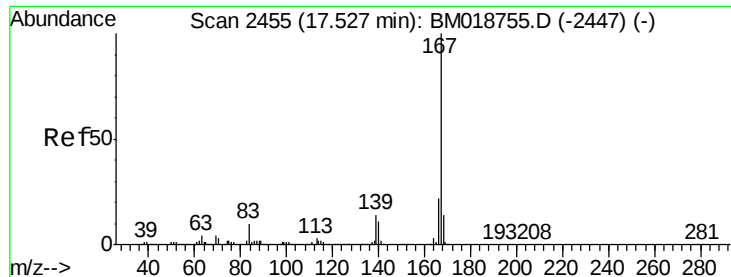


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

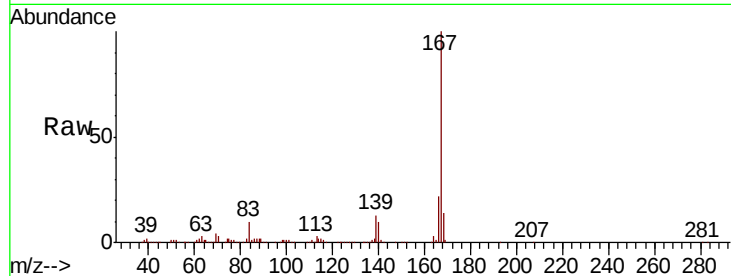




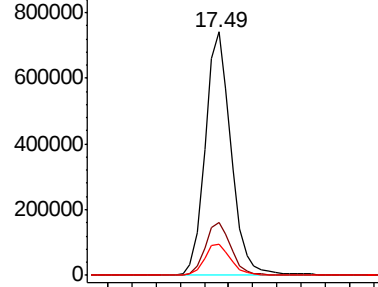
#73
 Carbazole
 Concen: 30.515 ng
 RT: 17.49 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BM019080.D
 Acq: 08 Mar 2019 19:05

Instrument :
 BNA_M
 ClientSampleId :

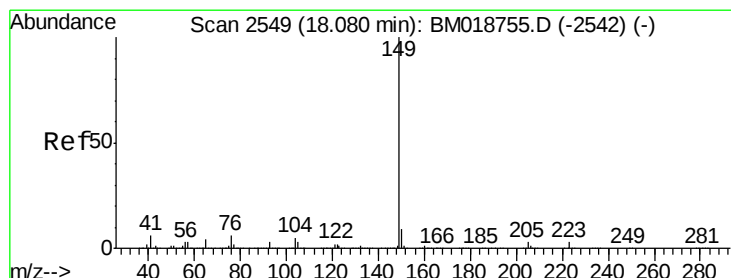
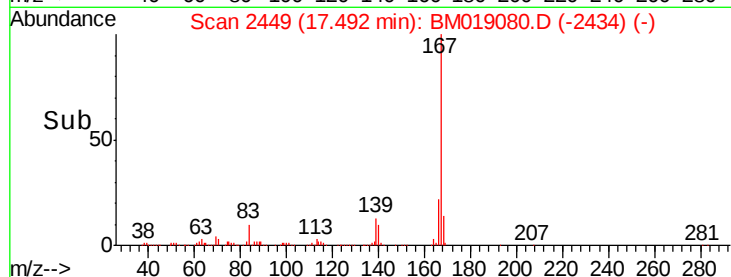
Tot Ion:167 Resp: 1106678
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 13.0 10.9 16.3



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

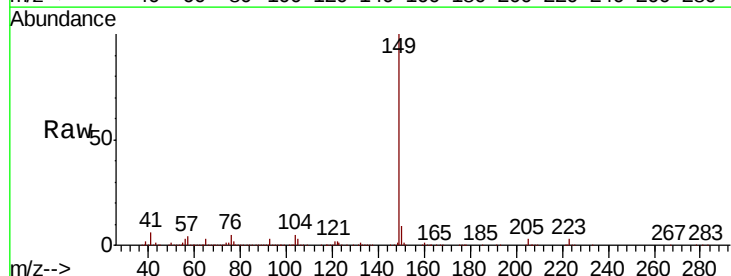


Time-->

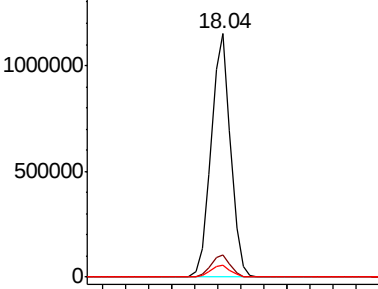


#74
 Di-n-butylphthalate
 Concen: 32.029 ng
 RT: 18.04 min Scan# 2543
 Delta R.T. -0.01 min
 Lab File: BM019080.D
 Acq: 08 Mar 2019 19:05

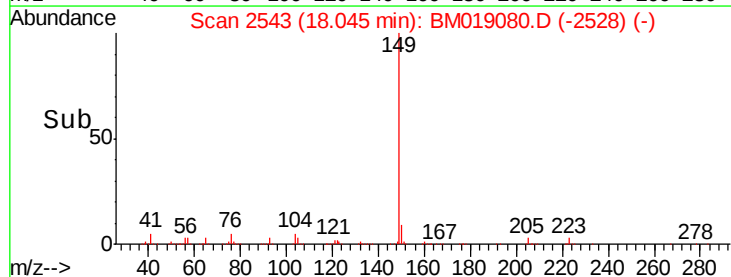
Tgt Ion:149 Resp: 1335932
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.1 4.3 6.5

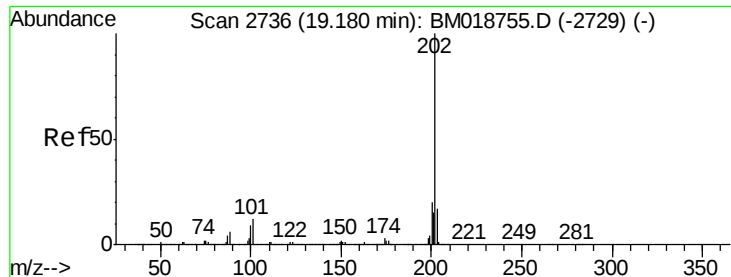


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 31.036 ng

RT: 19.14 min Scan# 2729

Delta R.T. -0.02 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

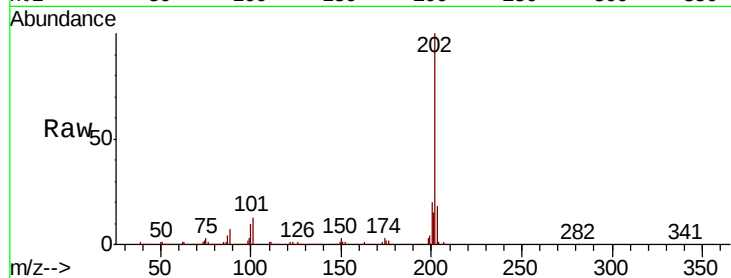
Tot Ion:202 Resp: 1278599

Ion Ratio Lower Upper

202 100

101 12.7 0.0 31.5

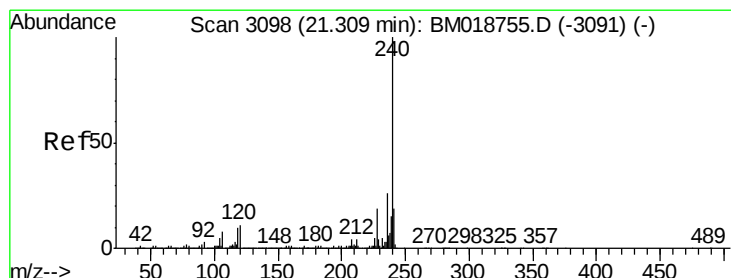
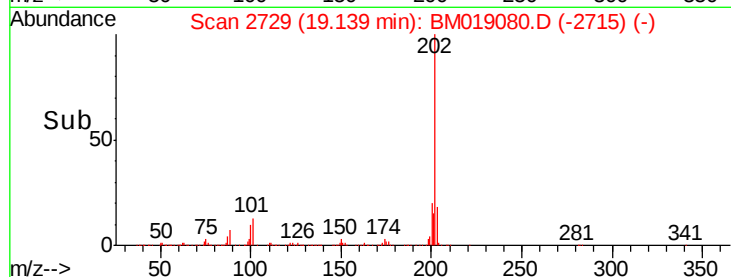
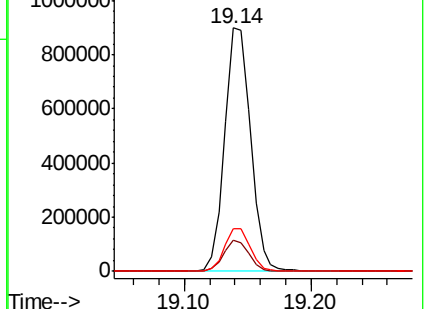
203 17.5 0.0 37.3



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: 21.27 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

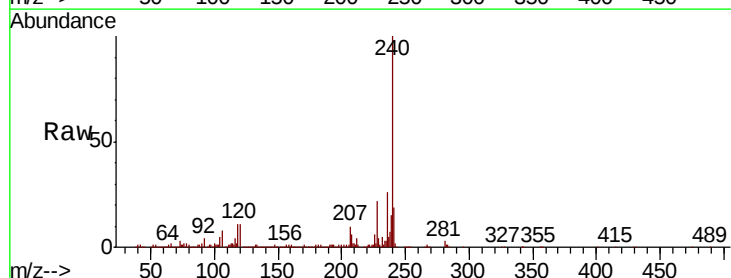
Tgt Ion:240 Resp: 650092

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

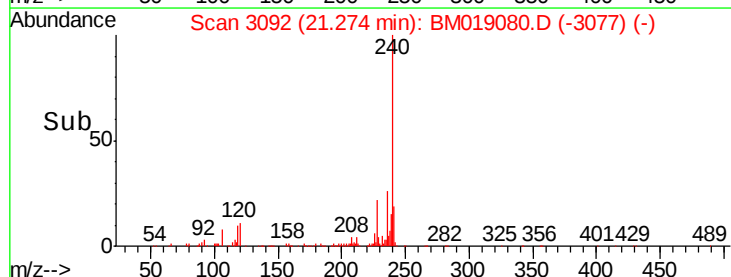
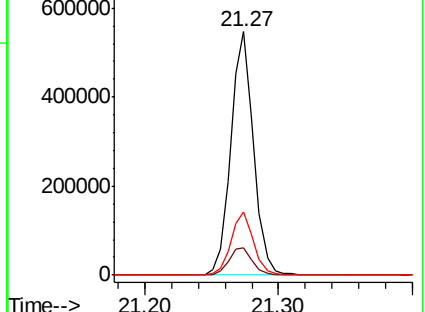
236 25.8 20.9 31.3

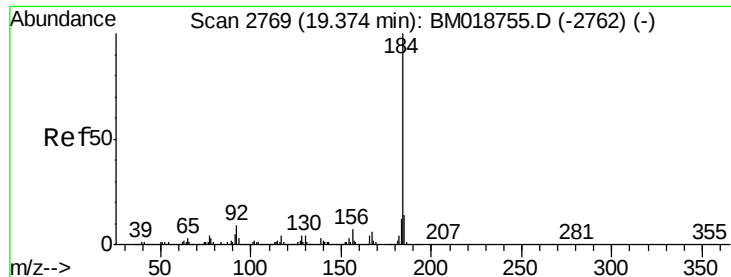


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.141 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

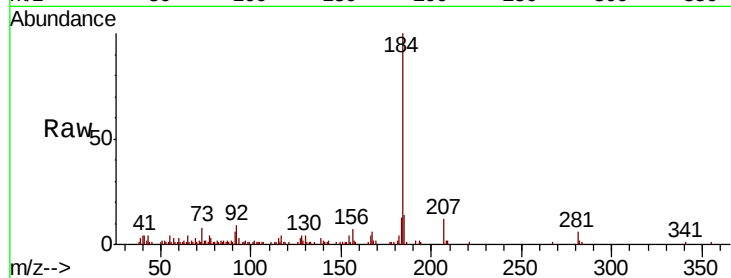
Tot Ion:184 Resp: 104552

Ion Ratio Lower Upper

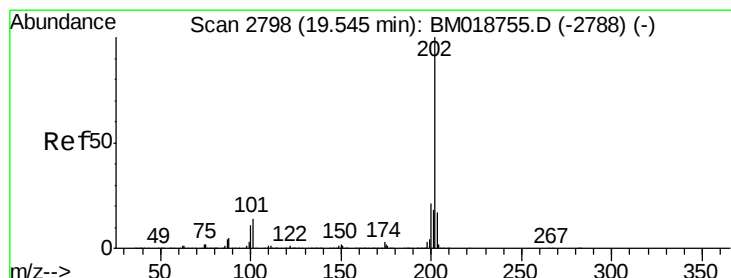
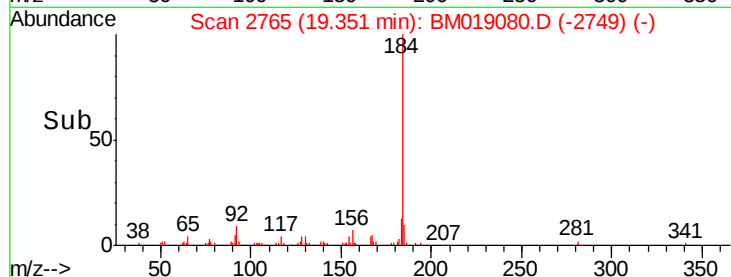
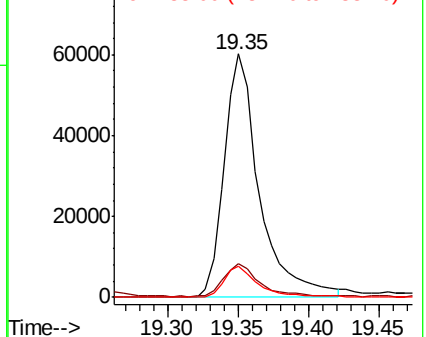
184 100

185 13.7 11.2 16.8

183 12.6 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: 34.576 ng

RT: 19.51 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

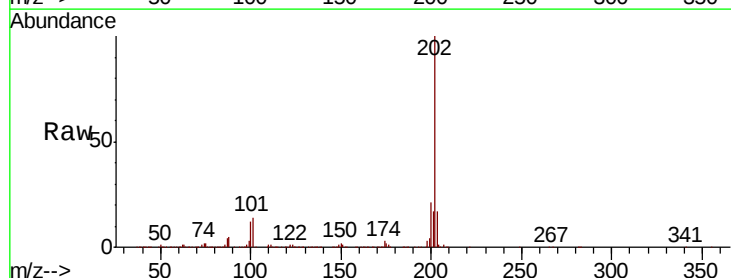
Tgt Ion:202 Resp: 1305466

Ion Ratio Lower Upper

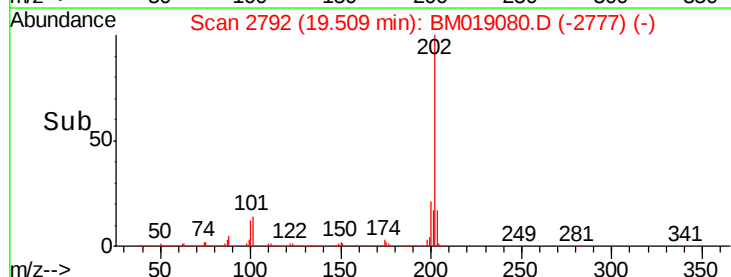
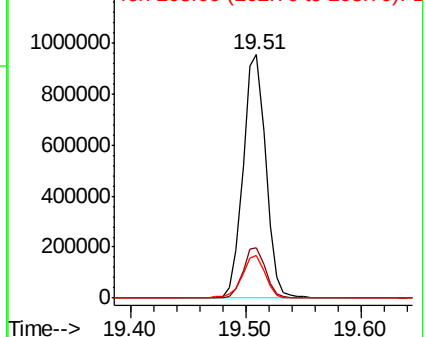
202 100

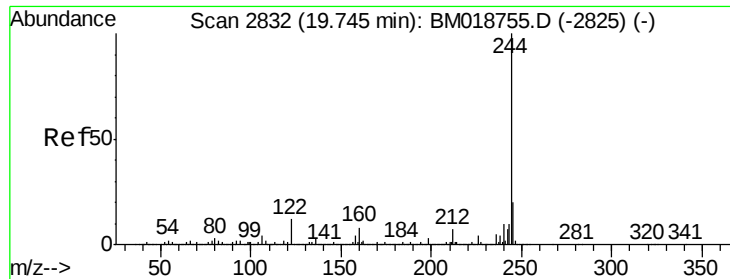
200 20.8 16.9 25.3

203 17.4 13.8 20.8



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

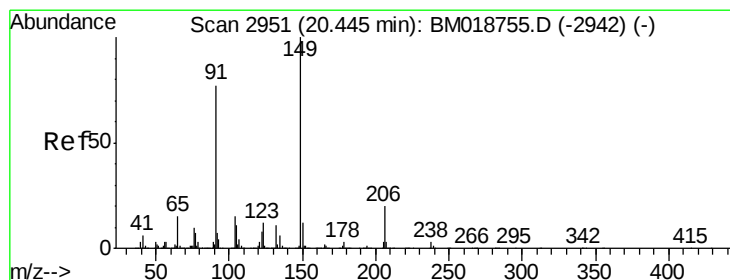
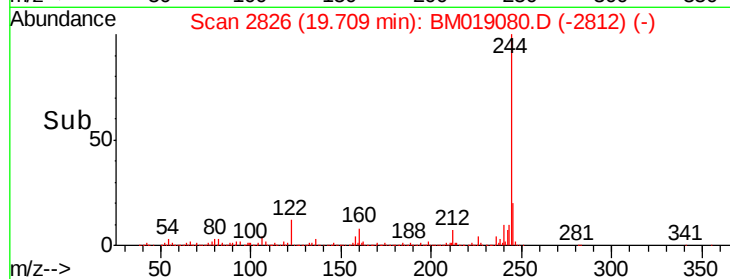
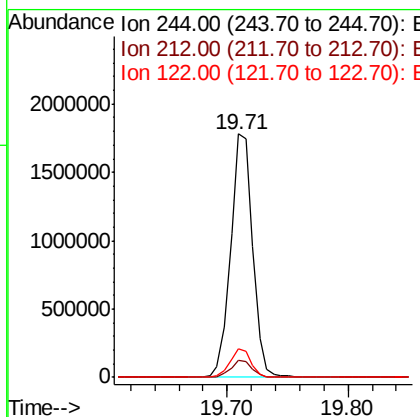
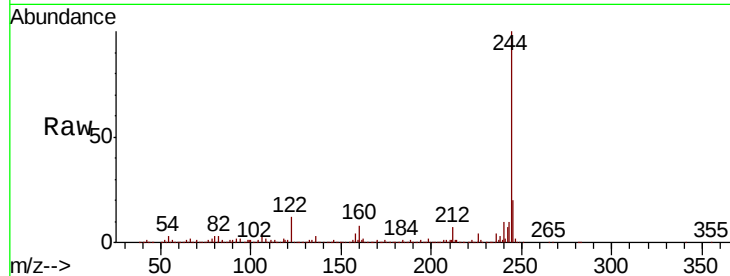




#79
 Terphenyl-d14
 Concen: 71.598 ng
 RT: 19.71 min Scan# 2826
 Delta R.T. -0.02 min
 Lab File: BM019080.D
 Acq: 08 Mar 2019 19:05

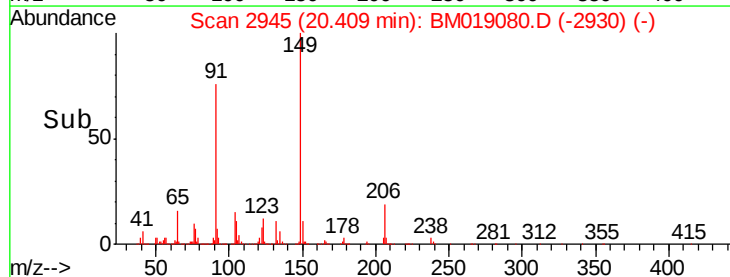
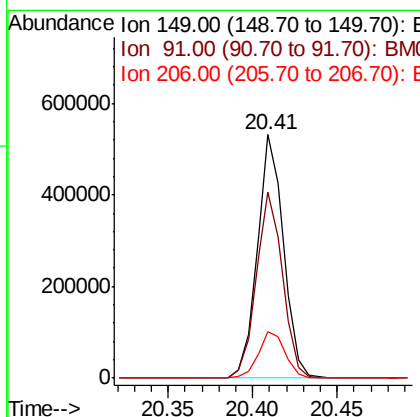
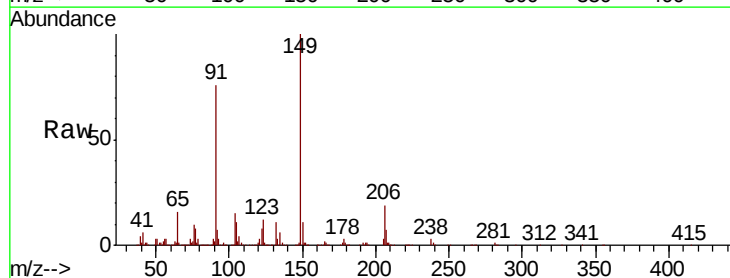
Instrument :
 BNA_M
 ClientSampled :

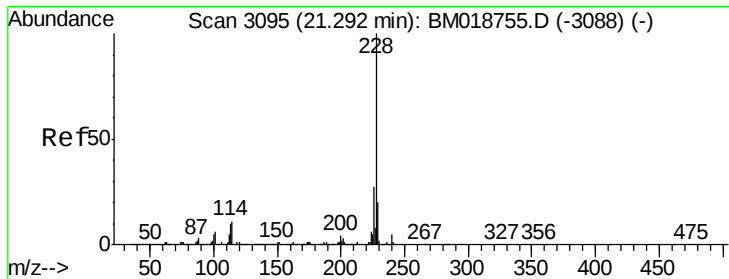
Tot Ion:244 Resp: 2256320
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.6 9.3 13.9



#80
 Butylbenzylphthalate
 Concen: 33.045 ng
 RT: 20.41 min Scan# 2945
 Delta R.T. -0.01 min
 Lab File: BM019080.D
 Acq: 08 Mar 2019 19:05

Tgt Ion:149 Resp: 568604
 Ion Ratio Lower Upper
 149 100
 91 76.2 61.4 92.0
 206 19.2 15.8 23.8





#81

Benzo(a)anthracene

Concen: 31.764 ng

RT: 21.26 min Scan# 3089

Delta R.T. -0.02 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

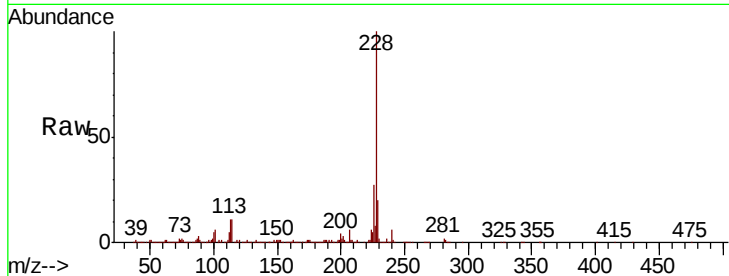
Tot Ion:228 Resp: 1203696

Ion Ratio Lower Upper

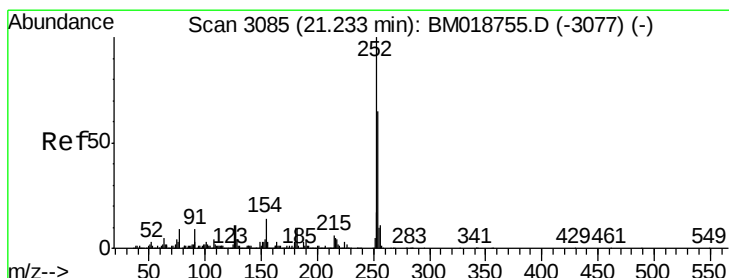
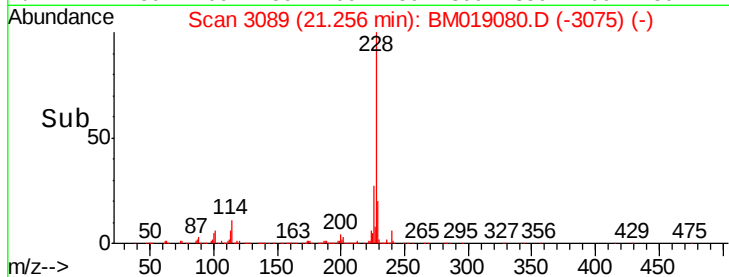
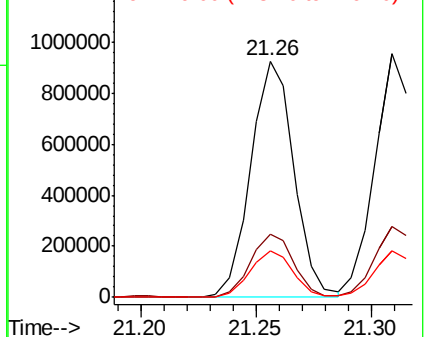
228 100

226 26.6 21.9 32.9

229 19.9 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: 28.062 ng

RT: 21.20 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

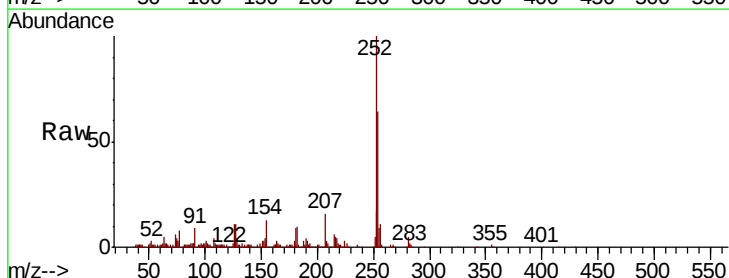
Tgt Ion:252 Resp: 420278

Ion Ratio Lower Upper

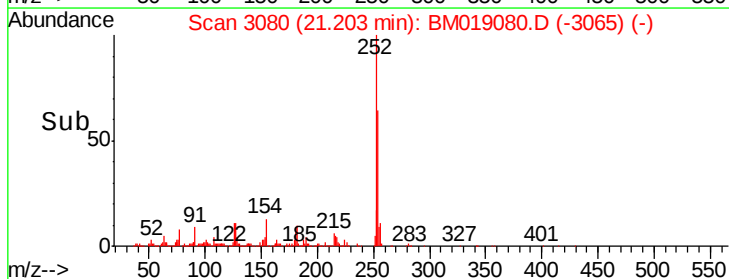
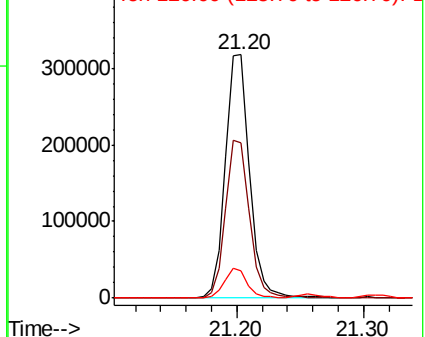
252 100

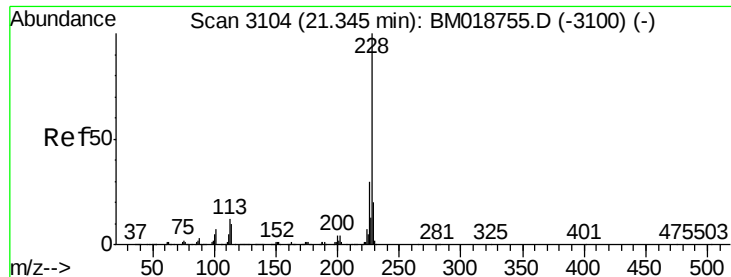
254 63.9 51.8 77.8

126 11.3 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

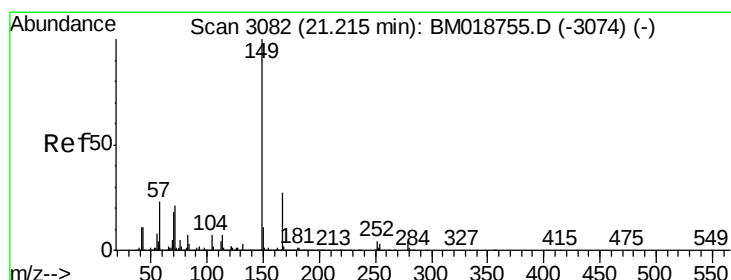
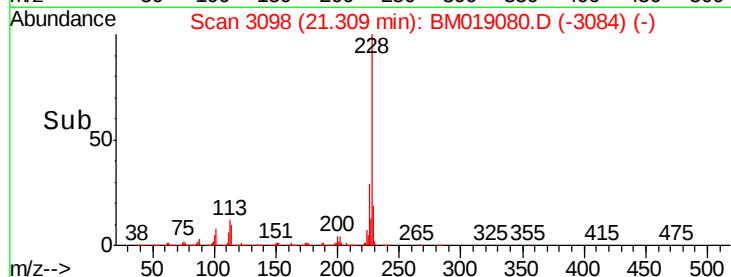
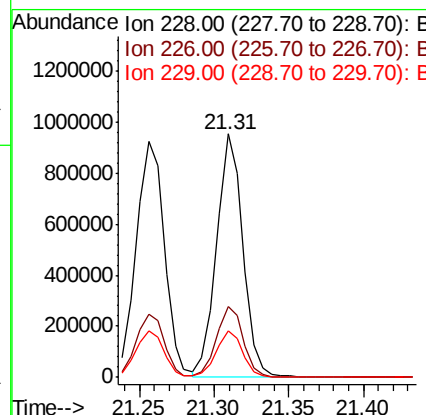
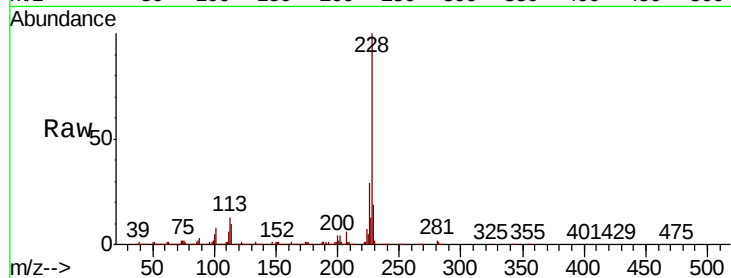




#83
Chrysene
Concen: 32.312 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.02 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

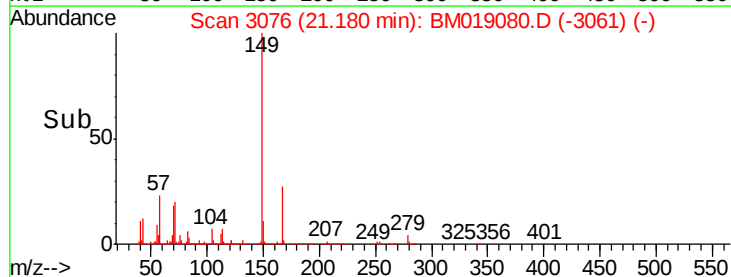
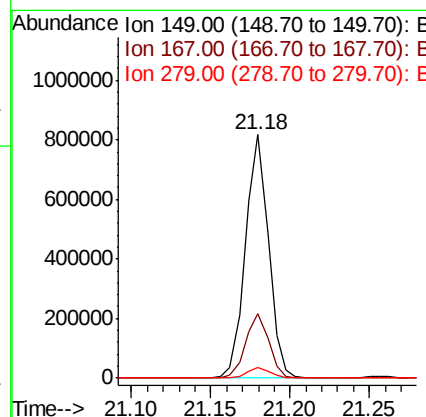
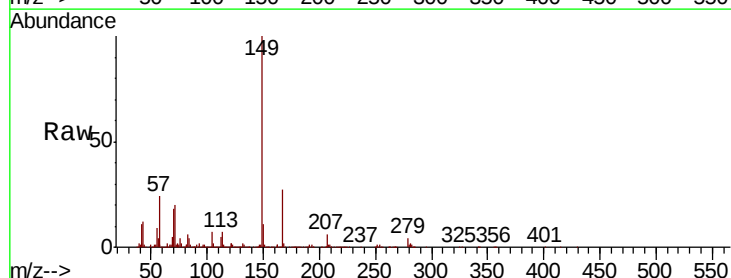
Instrument :
BNA_M
ClientSampleId :

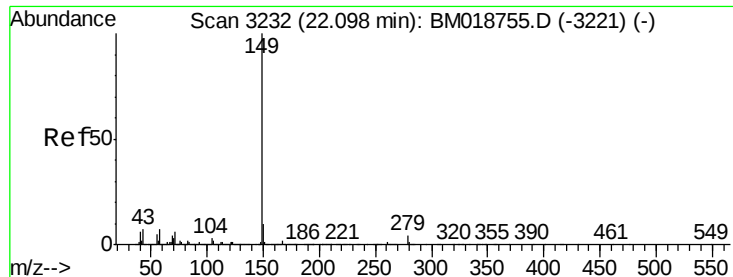
Tot Ion:228 Resp: 1173650
Ion Ratio Lower Upper
228 100
226 29.2 24.1 36.1
229 19.2 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 32.580 ng
RT: 21.18 min Scan# 3076
Delta R.T. -0.01 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Tgt Ion:149 Resp: 820520
Ion Ratio Lower Upper
149 100
167 26.6 21.8 32.6
279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 32.565 ng

RT: 22.06 min Scan# 3225

Delta R.T. -0.02 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

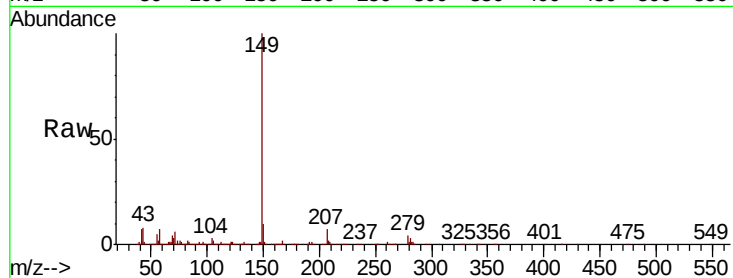
Tot Ion:149 Resp: 1378405

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

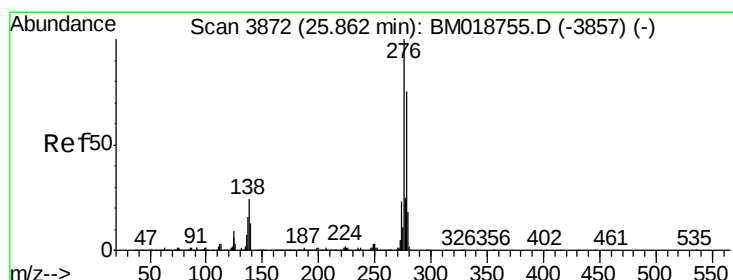
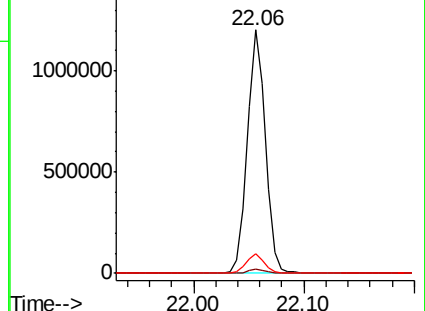
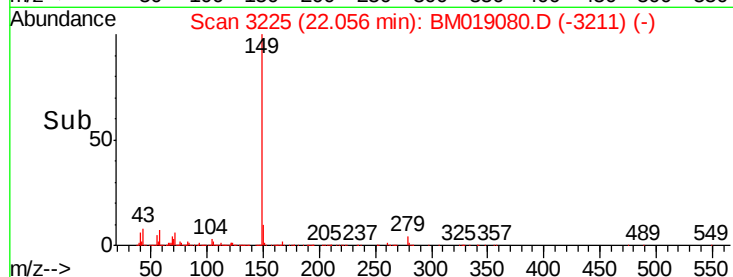
43 7.7 6.0 9.0



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.803 ng

RT: 25.79 min Scan# 3859

Delta R.T. -0.03 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

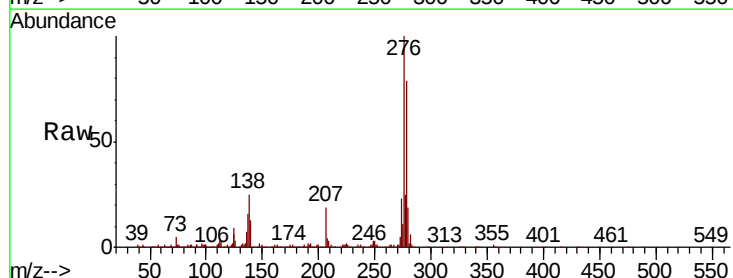
Tgt Ion:276 Resp: 1836879

Ion Ratio Lower Upper

276 100

138 24.7 20.2 30.4

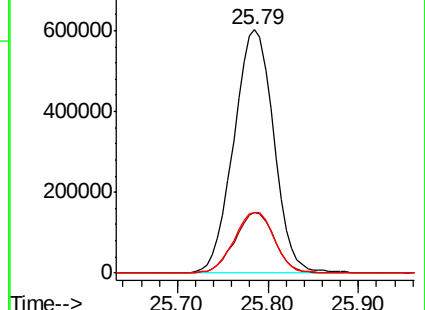
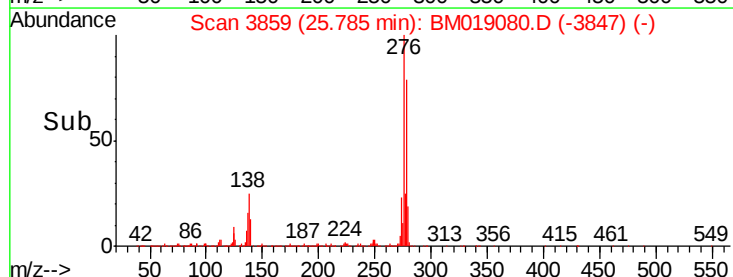
277 25.2 20.3 30.5

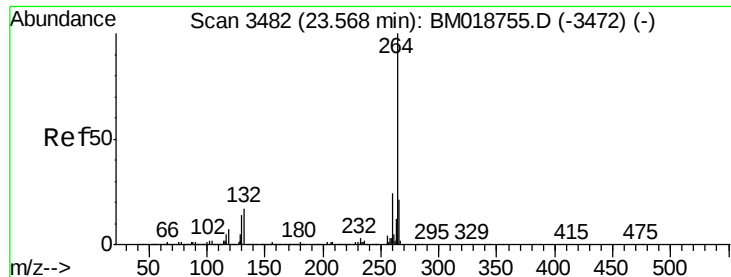


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



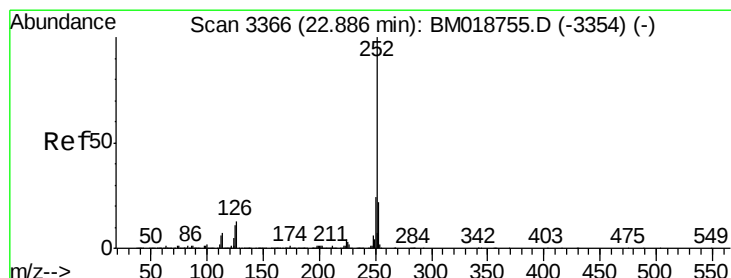
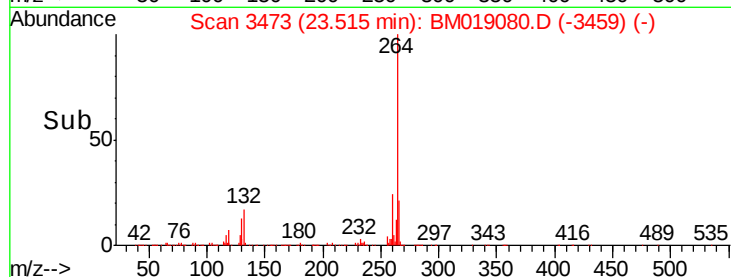
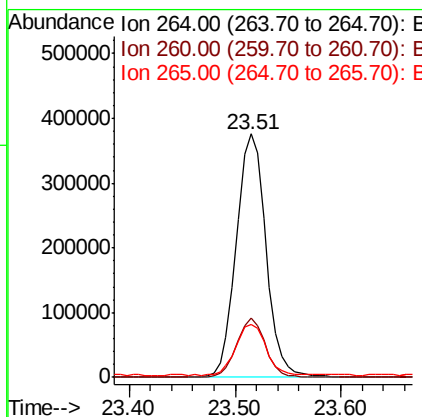
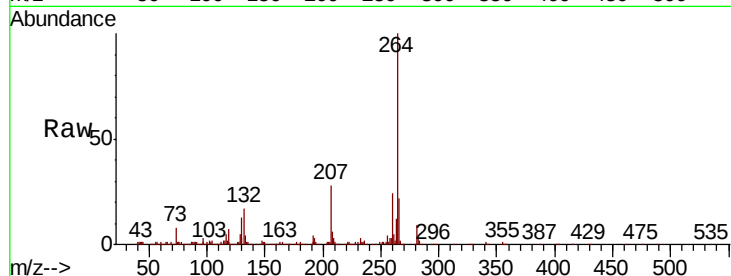


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3473
Delta R.T. -0.02 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 733010

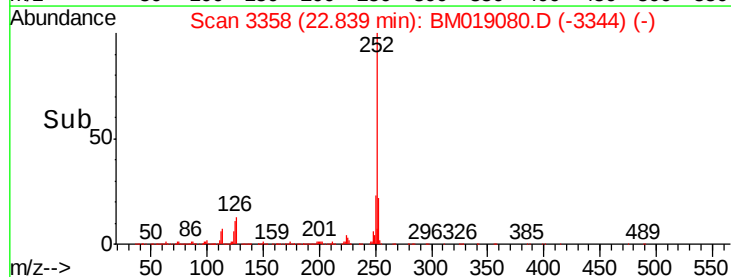
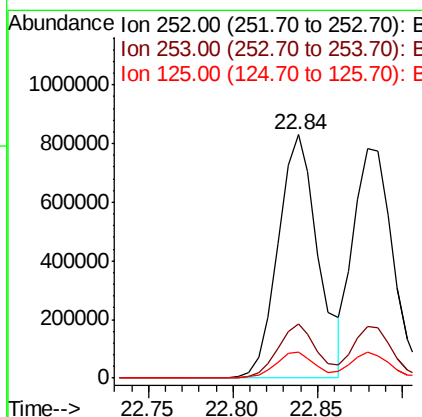
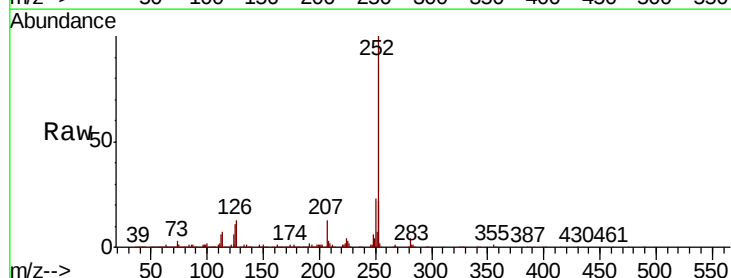
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	21.6	17.3	25.9

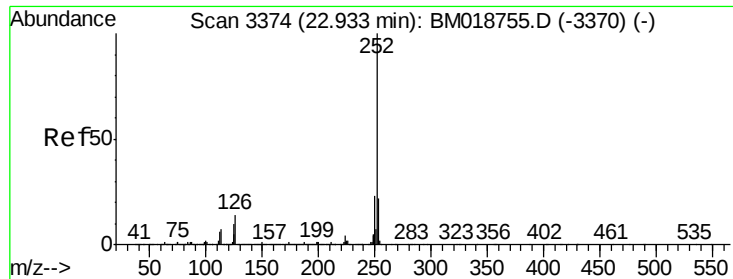


#88
Benzo(b)fluoranthene
Concen: 32.540 ng
RT: 22.84 min Scan# 3358
Delta R.T. -0.02 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Tgt Ion:252 Resp: 1364681

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.9	8.6	12.8





#89

Benzo(k)fluoranthene

Concen: 30.385 ng

RT: 22.88 min Scan# 3365

Delta R.T. -0.02 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

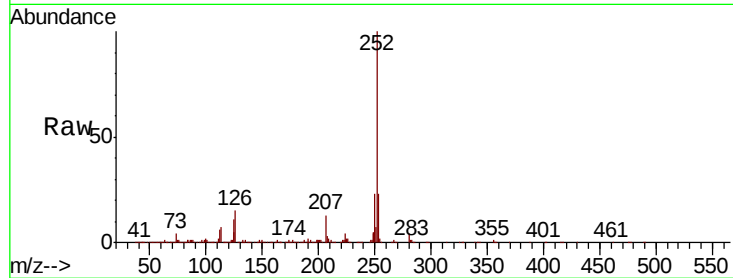
Tot Ion:252 Resp: 1268651

Ion Ratio Lower Upper

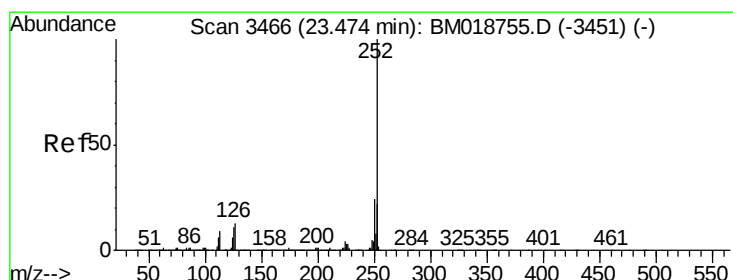
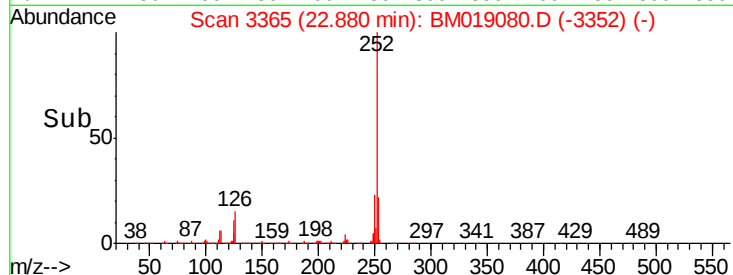
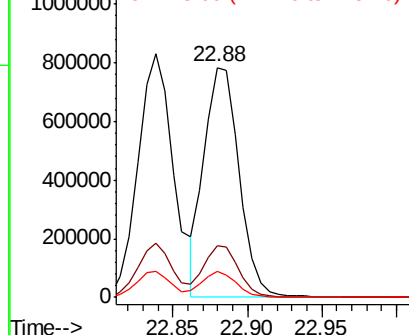
252 100

253 22.5 17.7 26.5

125 11.0 8.2 12.4



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



#90

Benzo(a)pyrene

Concen: 33.448 ng

RT: 23.41 min Scan# 3456

Delta R.T. -0.02 min

Lab File: BM019080.D

Acq: 08 Mar 2019 19:05

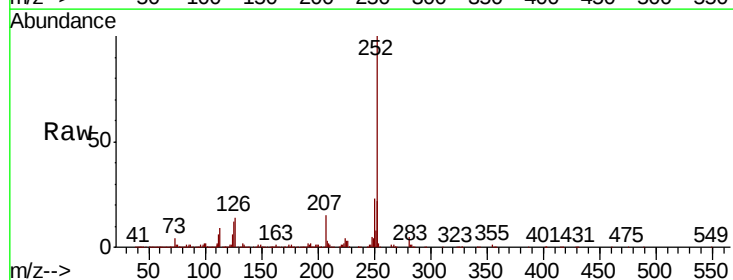
Tgt Ion:252 Resp: 1328871

Ion Ratio Lower Upper

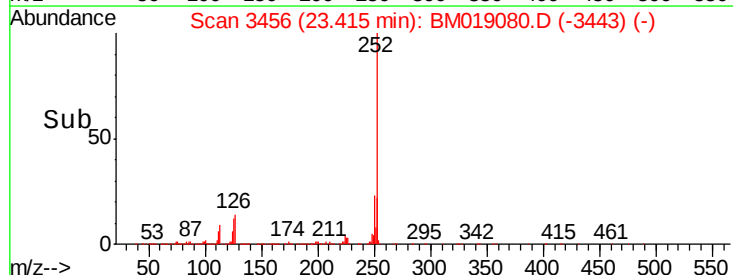
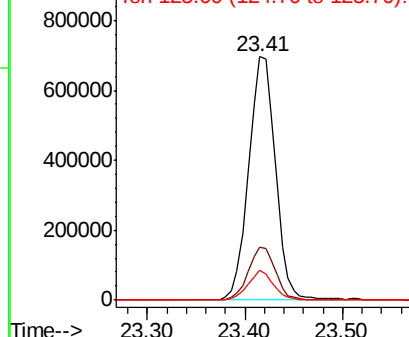
252 100

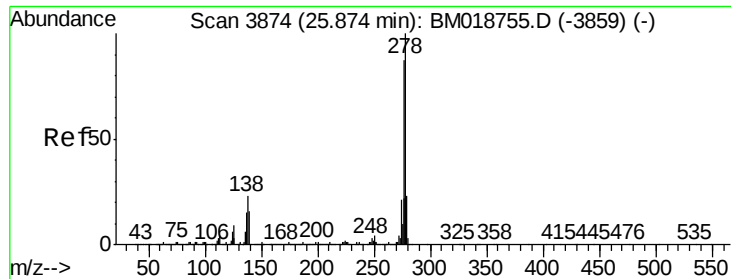
253 21.7 17.4 26.0

125 12.2 8.6 13.0



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



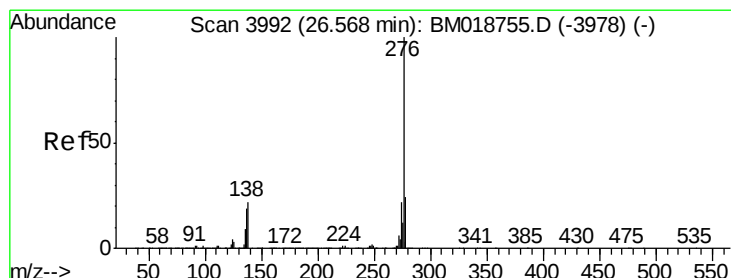
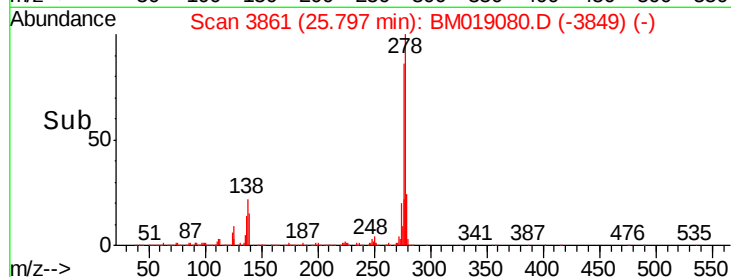
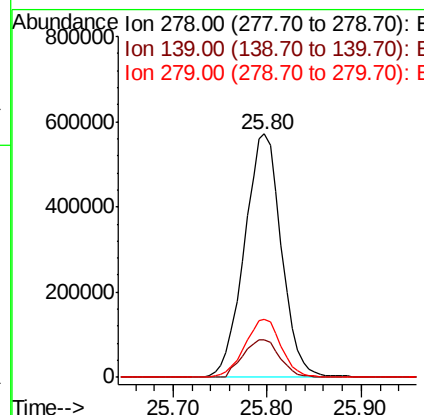
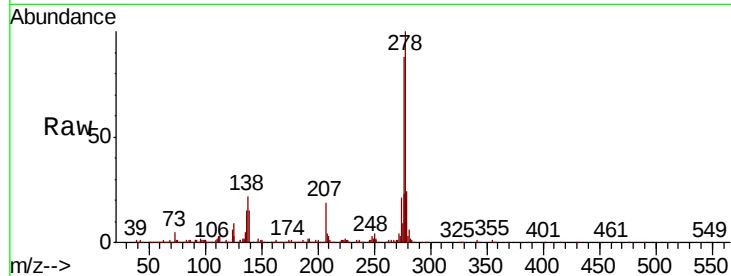


#91
Dibenzo(a,h)anthracene
Concen: 39.555 ng
RT: 25.80 min Scan# 3861
Delta R.T. -0.03 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 1556921

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.6	18.8
279	24.0	18.6	28.0



#92
Benzo(g,h,i)perylene
Concen: 41.891 ng
RT: 26.48 min Scan# 3977
Delta R.T. -0.04 min
Lab File: BM019080.D
Acq: 08 Mar 2019 19:05

Tgt Ion:276 Resp: 1535059

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	21.7	17.3	25.9

