

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030519\
 Data File : BM019047.D
 Acq On : 05 Mar 2019 21:31
 Operator : JU/SJ
 Sample : K1714-16MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-D-0-2MS

Quant Time: Mar 06 05:58:09 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	224979	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	840579	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	426315	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	867967	20.00	ng	0.00
76) Chrysene-d12	21.27	240	895565	20.00	ng	-0.01
87) Perylene-d12	23.52	264	993002	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1186618	86.42	ng	0.00
7) Phenol-d6	6.85	99	1570932	81.21	ng	0.00
23) Nitrobenzene-d5	8.85	82	1002176	55.13	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	504062	82.03	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	1889439	58.83	ng	-0.01
79) Terphenyl-d14	19.72	244	2468844	56.87	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	158681	26.533	ng	99
3) Pyridine	3.63	79	405155	24.836	ng	99
4) n-Nitrosodimethylamine	3.55	42	128724	31.018	ng	89
6) Aniline	7.02	93	294803	12.439	ng	99
8) 2-Chlorophenol	7.24	128	409310	27.151	ng	97
9) Benzaldehyde	6.84	77	286231	24.149	ng	96
10) Phenol	6.88	94	560440	27.536	ng	98
11) bis(2-Chloroethyl)ether	7.12	93	403287	25.975	ng	97
12) 1,3-Dichlorobenzene	7.56	146	452920	26.718	ng	97
13) 1,4-Dichlorobenzene	7.71	146	462331	26.790	ng	99
14) 1,2-Dichlorobenzene	8.02	146	440377	26.566	ng	99
15) Benzyl Alcohol	7.93	79	374971	24.396	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	400332	26.641	ng	96
17) 2-Methylphenol	8.12	107	332109	25.637	ng	96
18) Hexachloroethane	8.73	117	170974	27.140	ng	96
19) n-Nitroso-di-n-propylamine	8.48	70	346623	23.143	ng	99
20) 3+4-Methylphenols	8.45	107	443502	24.793	ng	97
22) Acetophenone	8.50	105	595206	25.785	ng	# 99
24) Nitrobenzene	8.89	77	505102	26.767	ng	99
25) Isophorone	9.40	82	851293	29.348	ng	99
26) 2-Nitrophenol	9.59	139	205365	27.328	ng	99
27) 2,4-Dimethylphenol	9.65	122	323845	29.506	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	519129	27.676	ng	99
29) 2,4-Dichlorophenol	10.12	162	344137	27.307	ng	100
30) 1,2,4-Trichlorobenzene	10.32	180	399787	27.469	ng	100
31) Naphthalene	10.51	128	1184275	28.888	ng	100
32) Benzoic acid	9.76	122	97337	10.167	ng	93
33) 4-Chloroaniline	10.65	127	141915	7.744	ng	99
34) Hexachlorobutadiene	10.77	225	222261	26.309	ng	100
35) Caprolactam	11.45	113	93121	18.105	ng	91
36) 4-Chloro-3-methylphenol	11.76	107	376522	24.780	ng	100
37) 2-Methylnaphthalene	12.13	142	833284	28.870	ng	99
38) 1-Methylnaphthalene	12.35	142	781879	27.702	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	392766	28.801	ng	99

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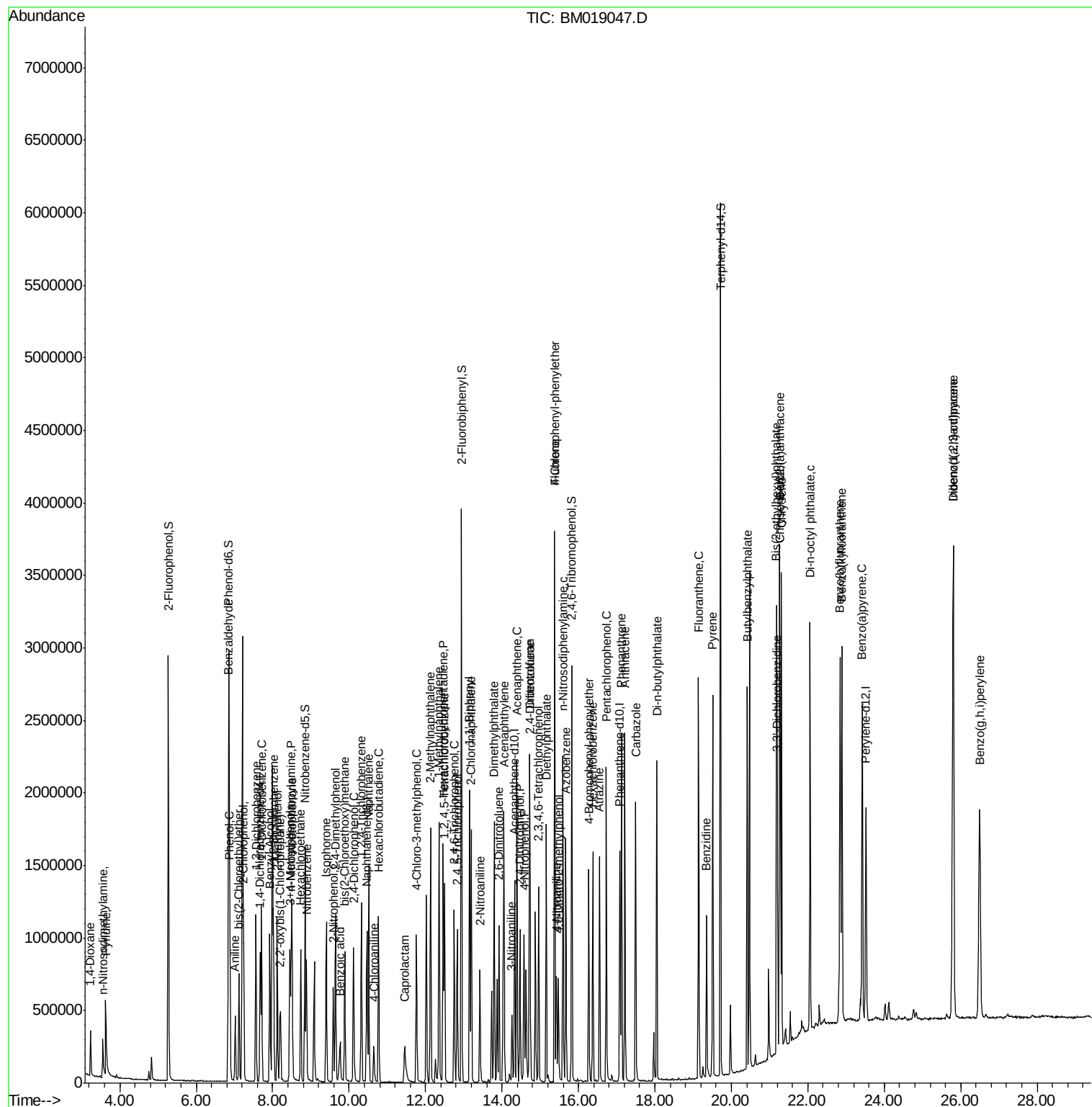
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	434412	62.304	ng	100
43) 2,4,6-Trichlorophenol	12.75	196	258764	28.662	ng	99
44) 2,4,5-Trichlorophenol	12.83	196	271475	28.690	ng	98
46) 1,1'-Biphenyl	13.16	154	1032289	28.131	ng	100
47) 2-Chloronaphthalene	13.20	162	798986	28.189	ng	99
48) 2-Nitroaniline	13.42	65	245338	26.062	ng	99
49) Acenaphthylene	14.05	152	1255454	29.747	ng	99
50) Dimethylphthalate	13.79	163	1087304	30.603	ng	99
51) 2,6-Dinitrotoluene	13.92	165	205379	26.685	ng	96
52) Acenaphthene	14.39	154	722650	27.925	ng	99
53) 3-Nitroaniline	14.26	138	117339	13.493	ng	98
54) 2,4-Dinitrophenol	14.47	184	227850	49.058	ng	99
55) Dibenzofuran	14.73	168	1161229	27.300	ng	100
56) 4-Nitrophenol	14.57	139	336590	48.487	ng	97
57) 2,4-Dinitrotoluene	14.72	165	279758	26.382	ng	97
58) Fluorene	15.38	166	916325	28.159	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	236061	28.223	ng	99
60) Diethylphthalate	15.16	149	957611	26.129	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	455606	24.972	ng	96
62) 4-Nitroaniline	15.43	138	183509	21.525	ng	98
63) Azobenzene	15.67	77	1025087	26.086	ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	141920	23.288	ng	99
66) n-Nitrosodiphenylamine	15.60	169	790840	28.839	ng	99
67) 4-Bromophenyl-phenylether	16.27	248	265544	27.332	ng	99
68) Hexachlorobenzene	16.37	284	316396	28.018	ng	97
69) Atrazine	16.55	200	255342	28.883	ng	98
70) Pentachlorophenol	16.73	266	360701	49.607	ng	100
71) Phenanthrene	17.13	178	1386523	29.724	ng	99
72) Anthracene	17.22	178	1392481	30.670	ng	99
73) Carbazole	17.50	167	1250924	26.372	ng	99
74) Di-n-butylphthalate	18.05	149	1579067	28.946	ng	99
75) Fluoranthene	19.14	202	1520543	28.220	ng	98
77) Benzidine	19.35	184	605708	30.031	ng	100
78) Pyrene	19.51	202	1565673	30.101	ng	100
80) Butylbenzylphthalate	20.42	149	708283	29.880	ng	98
81) Benzo(a)anthracene	21.26	228	1497390	28.683	ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	469593	22.761	ng	100
83) Chrysene	21.32	228	1454400	29.067	ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	1017029	29.314	ng	100
85) Di-n-octyl phthalate	22.06	149	1750958	30.028	ng	100
86) Indeno(1,2,3-cd)pyrene	25.80	276	2154415	37.293	ng	100
88) Benzo(b)fluoranthene	22.84	252	1685172	29.662	ng	99
89) Benzo(k)fluoranthene	22.89	252	1613080	28.519	ng	100
90) Benzo(a)pyrene	23.43	252	1623055	30.157	ng	100
91) Dibenzo(a,h)anthracene	25.81	278	1829678	34.313	ng	100
92) Benzo(g,h,i)perylene	26.49	276	1801224	36.284	ng	100

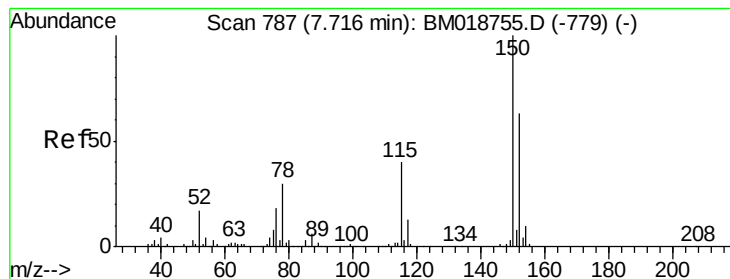
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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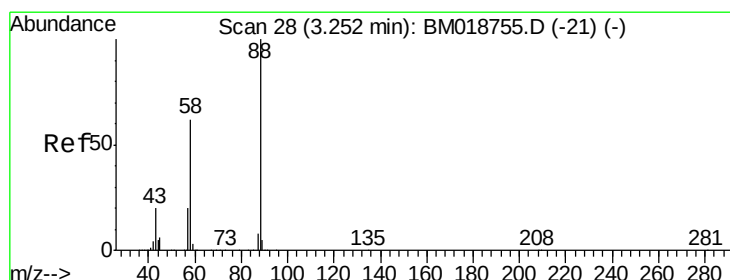
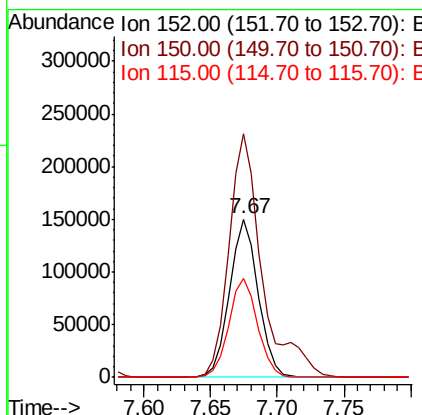
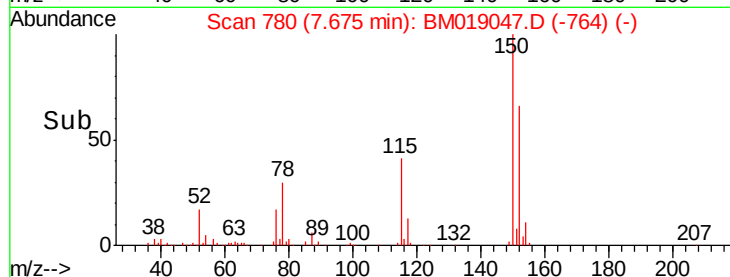
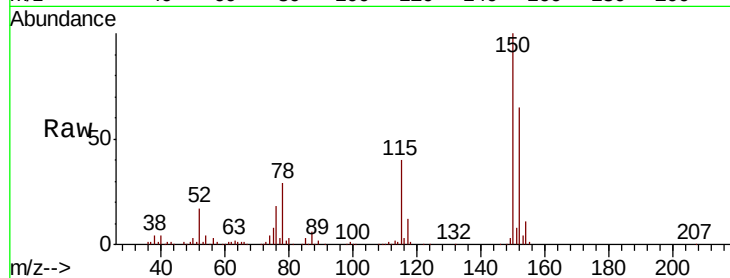


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Instrument :
BNA_M
ClientSampleId :
SB-D-0-2MS

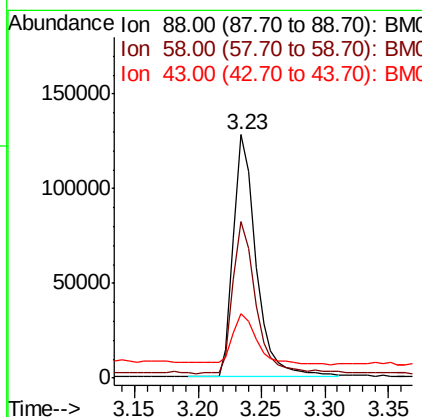
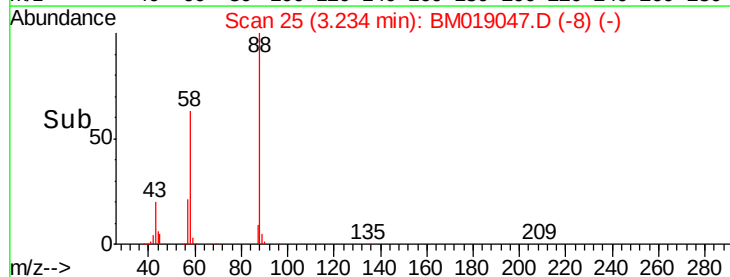
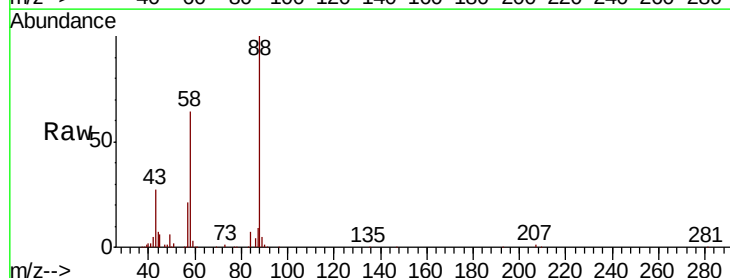
Tgt Ion:152 Resp: 224979
Ion Ratio Lower Upper
152 100
150 153.9 127.3 190.9
115 62.2 50.8 76.2

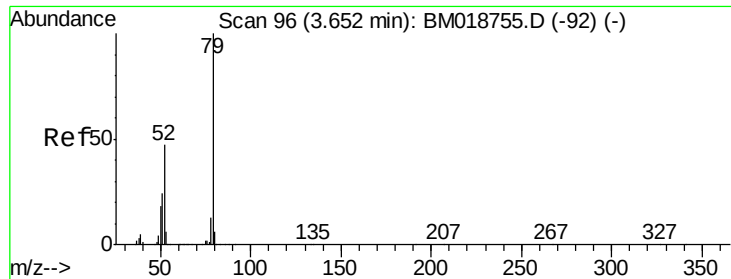


#2

1,4-Dioxane
Concen: 26.533 ng
RT: 3.23 min Scan# 25
Delta R.T. -0.00 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Tgt Ion: 88 Resp: 158681
Ion Ratio Lower Upper
88 100
58 63.4 49.8 74.6
43 21.5 16.7 25.1





#3

Pyridine

Concen: 24.836 ng

RT: 3.63 min Scan# 93

Delta R.T. -0.00 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

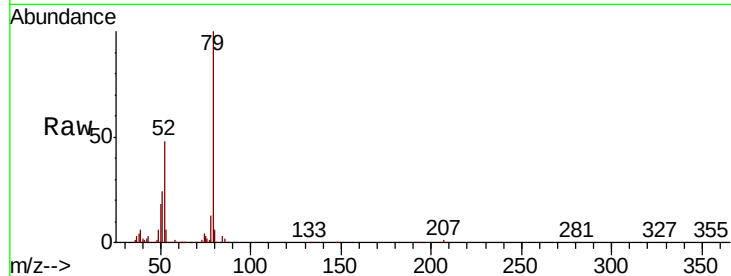
Tgt Ion: 79 Resp: 405155

Ion Ratio Lower Upper

79 100

52 47.6 37.6 56.4

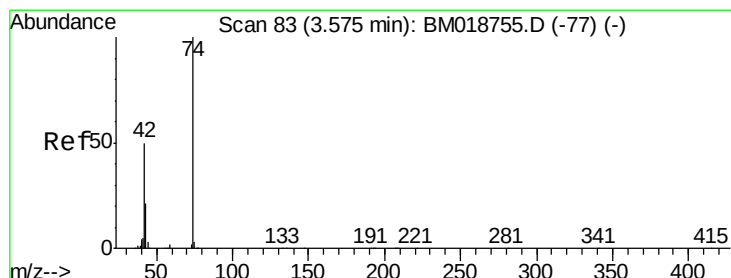
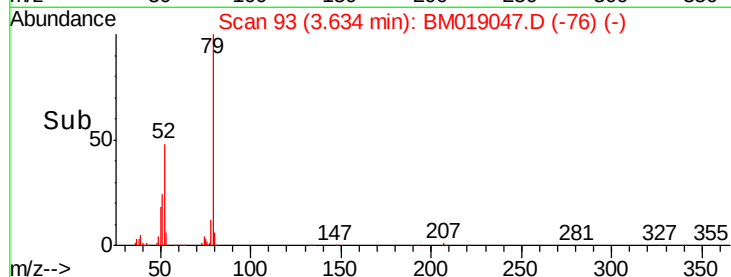
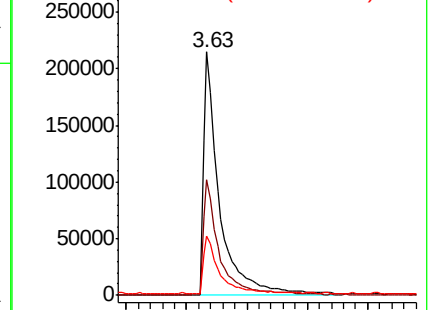
51 24.5 19.7 29.5



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: 31.018 ng

RT: 3.55 min Scan# 79

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

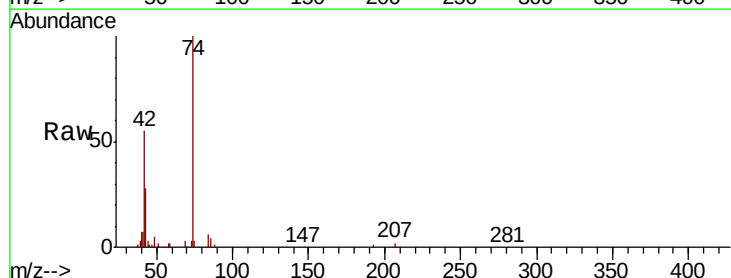
Tgt Ion: 42 Resp: 128724

Ion Ratio Lower Upper

42 100

74 181.1 158.1 237.1

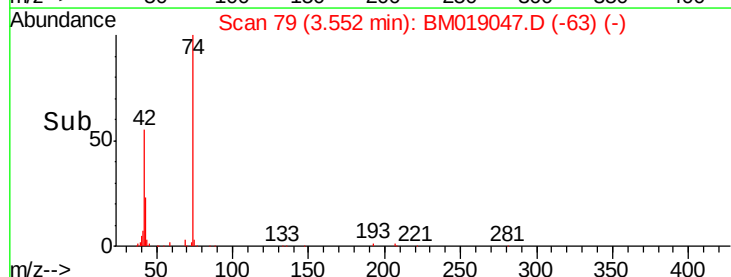
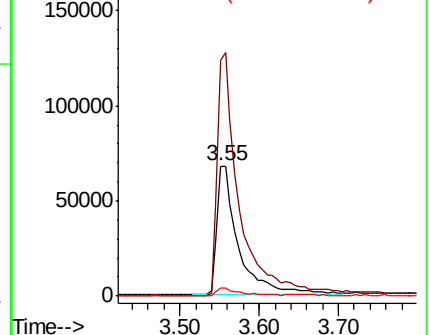
44 6.0 4.9 7.3

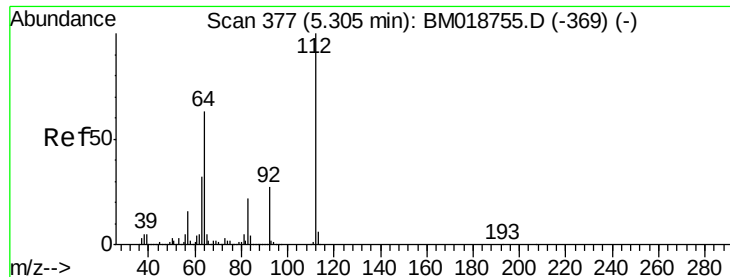


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

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: 86.419 ng

RT: 5.27 min Scan# 372

Delta R.T. -0.00 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampled :

SB-D-0-2MS

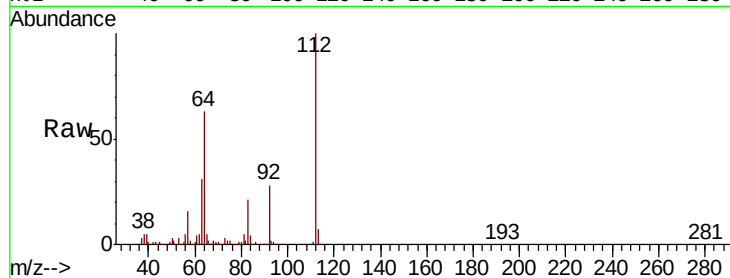
Tgt Ion: 112 Resp: 1186618

Ion Ratio Lower Upper

112 100

64 63.1 50.6 75.8

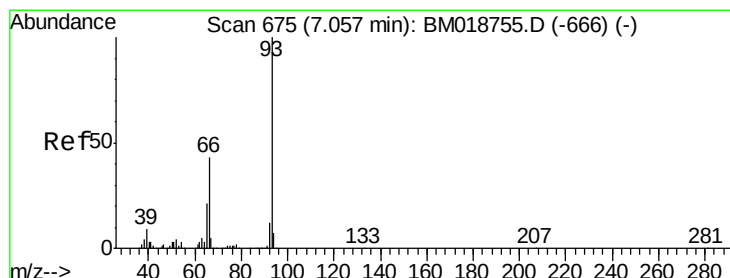
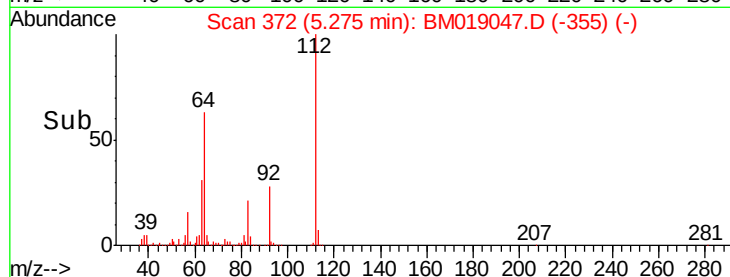
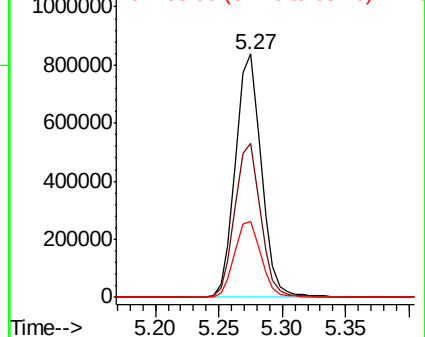
63 31.1 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 12.439 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.01 min

Lab File: BM019047.D

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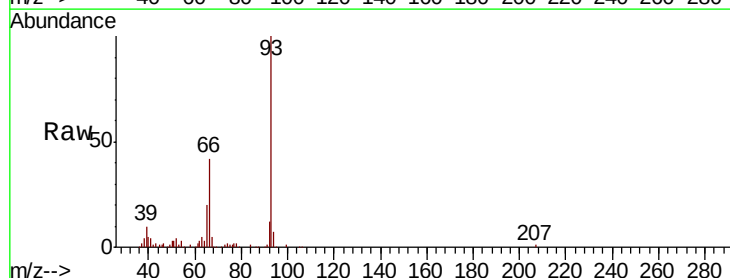
Tgt Ion: 93 Resp: 294803

Ion Ratio Lower Upper

93 100

66 42.3 34.1 51.1

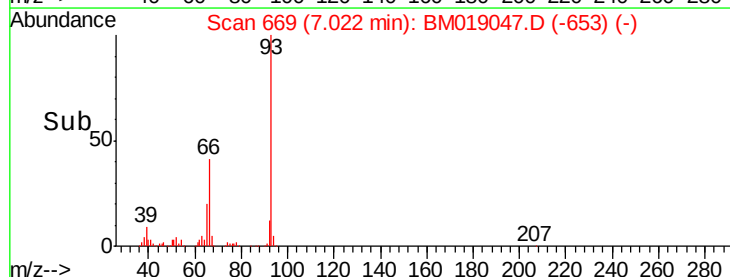
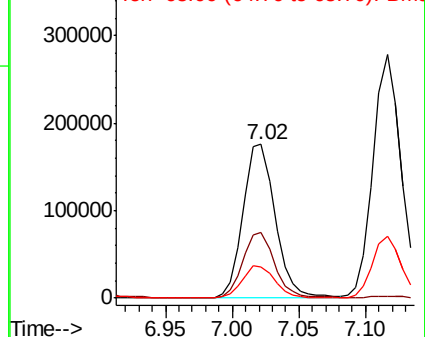
65 20.2 16.6 24.8

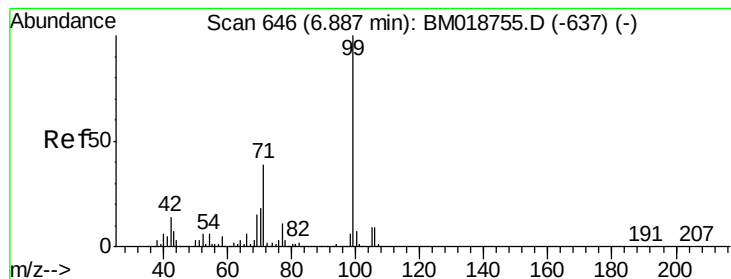


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 81.212 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

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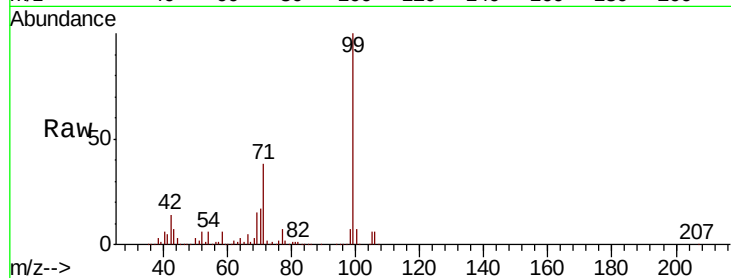
Tgt Ion: 99 Resp: 1570932

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.6

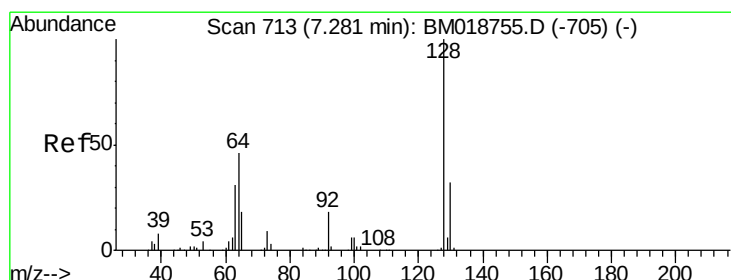
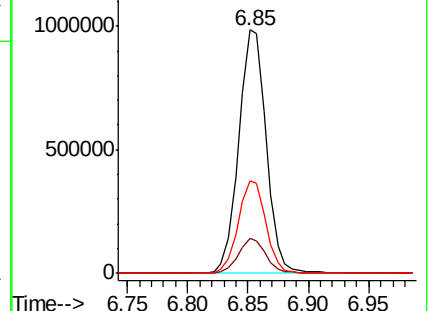
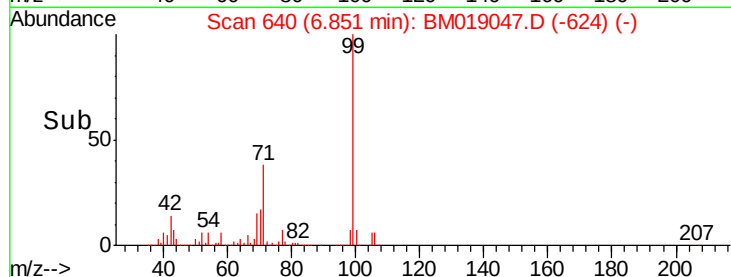
71 38.2 31.3 46.9



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: 27.151 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

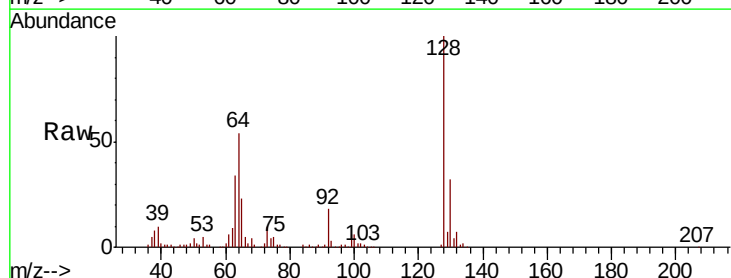
Tgt Ion: 128 Resp: 409310

Ion Ratio Lower Upper

128 100

130 32.5 11.7 51.7

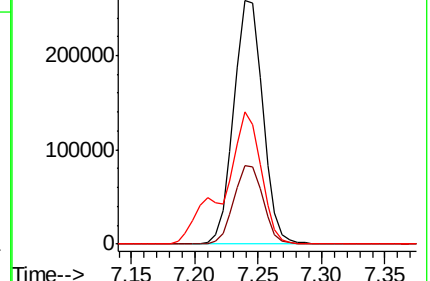
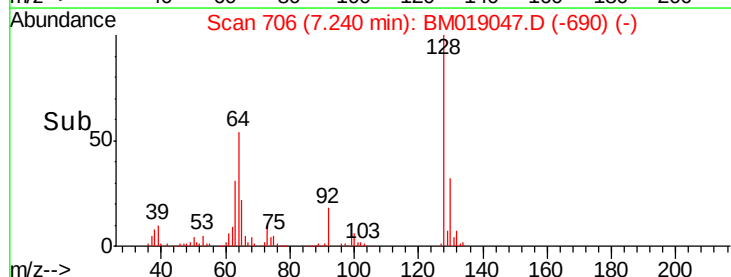
64 54.1 31.0 71.0

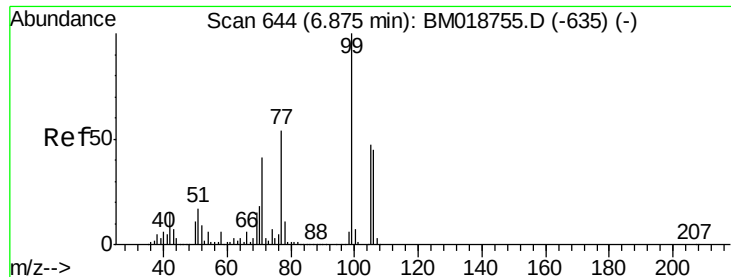


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

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: 24.149 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.00 min

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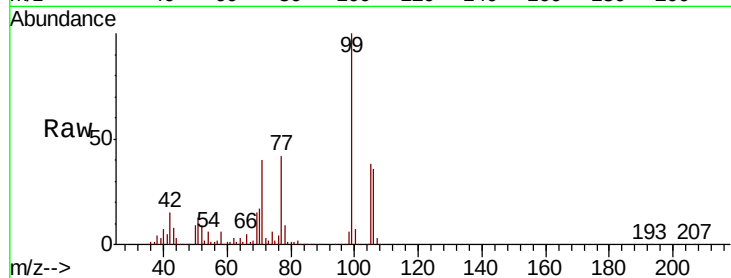
Tgt Ion: 77 Resp: 286231

Ion Ratio Lower Upper

77 100

105 91.7 67.3 107.3

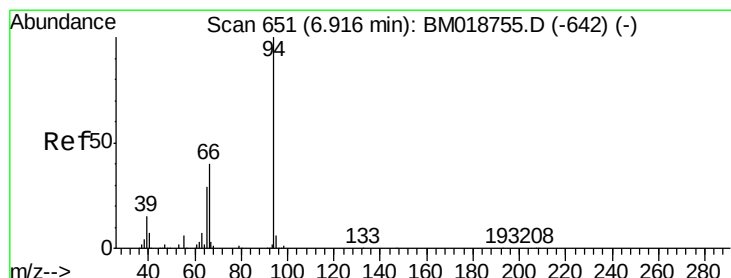
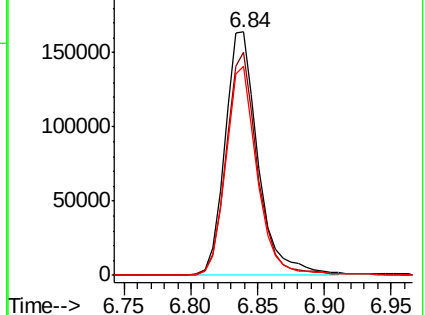
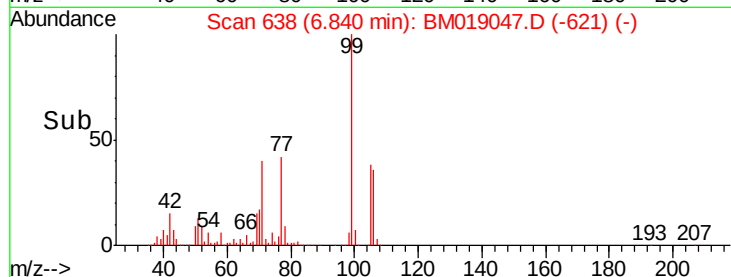
106 85.8 62.9 102.9



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) (-)



#10

Phenol

Concen: 27.536 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

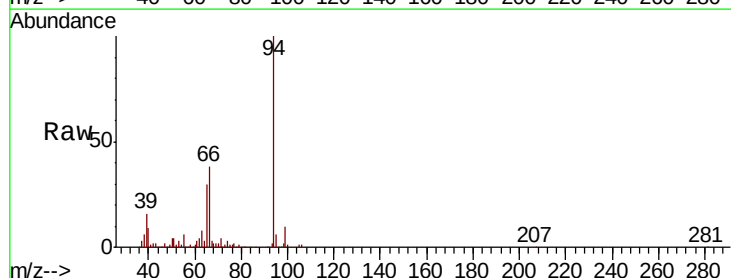
Tgt Ion: 94 Resp: 560440

Ion Ratio Lower Upper

94 100

65 29.7 9.6 49.6

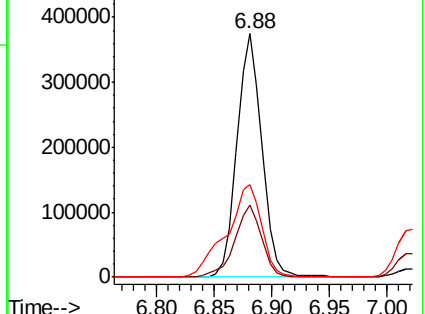
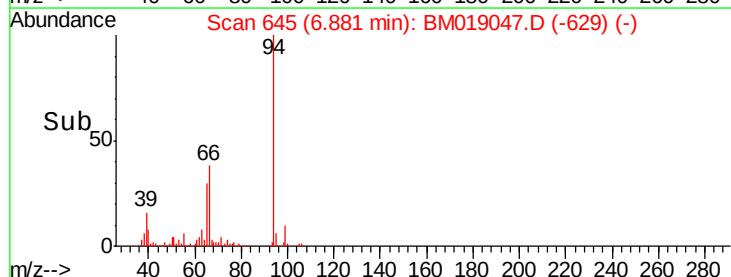
66 38.2 20.4 60.4

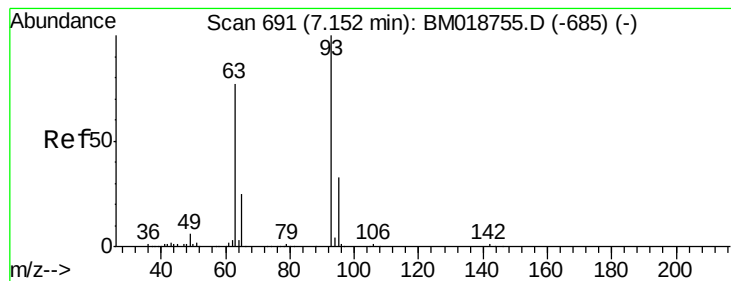


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

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

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





#11

bis(2-Chloroethyl)ether

Concen: 25.975 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

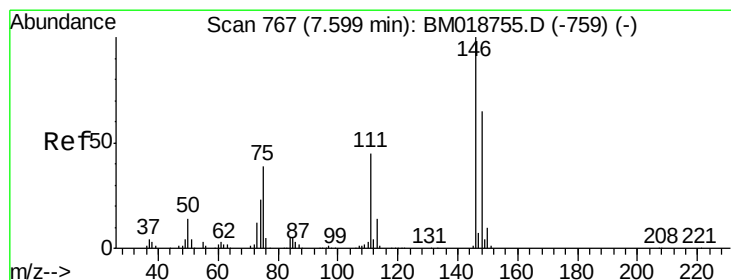
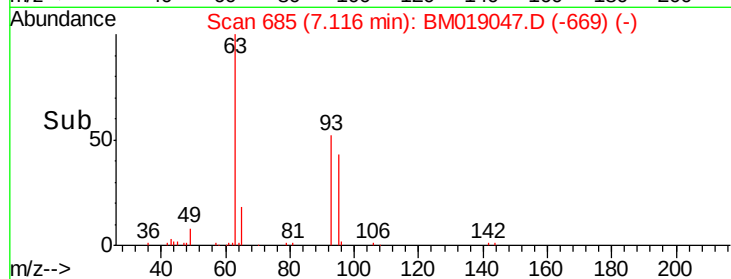
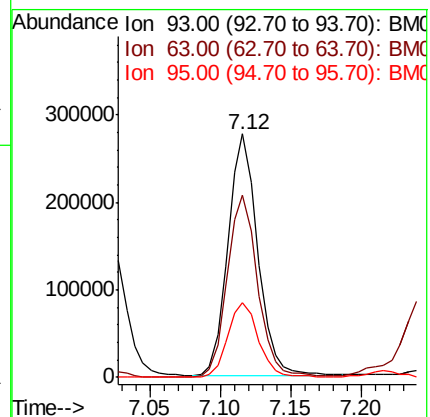
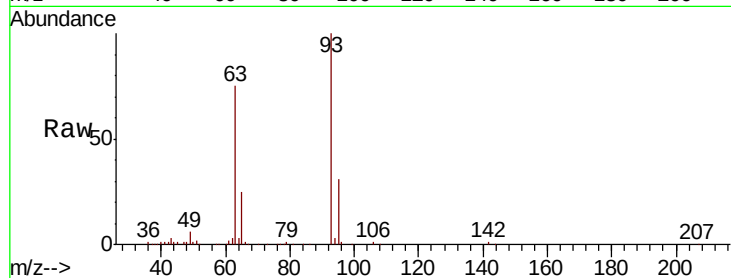
Tgt Ion: 93 Resp: 403287

Ion Ratio Lower Upper

93 100

63 74.7 57.0 97.0

95 30.7 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 26.718 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

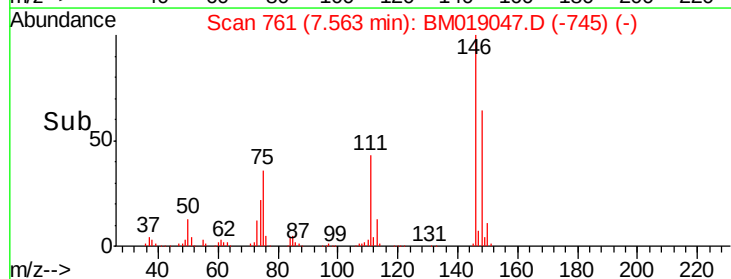
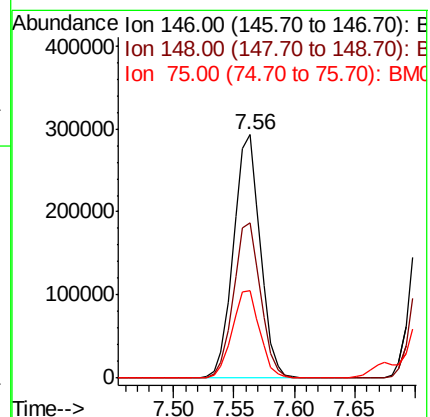
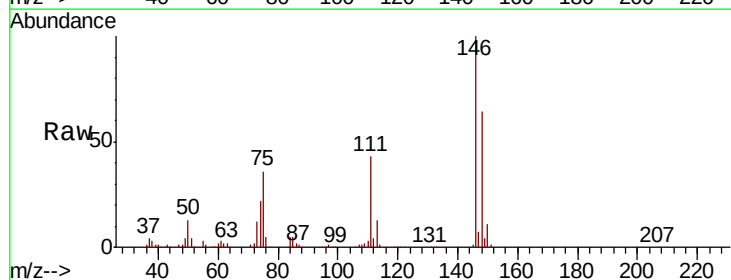
Tgt Ion: 146 Resp: 452920

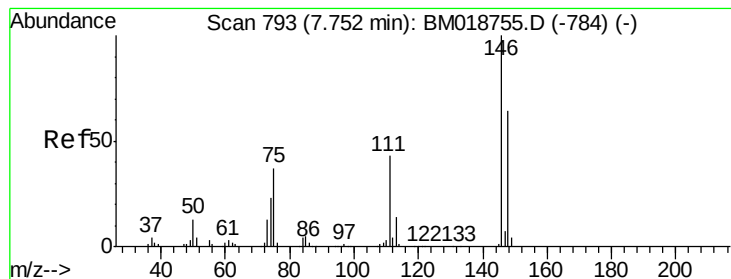
Ion Ratio Lower Upper

146 100

148 63.6 51.7 77.5

75 35.8 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 26.790 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

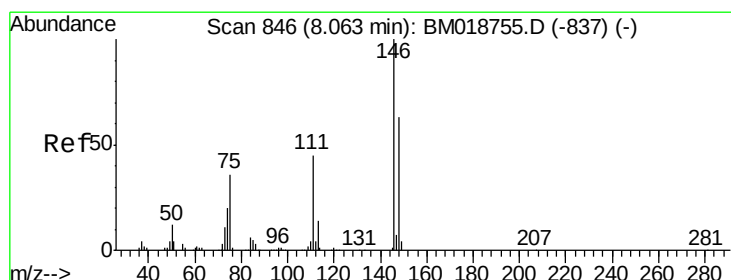
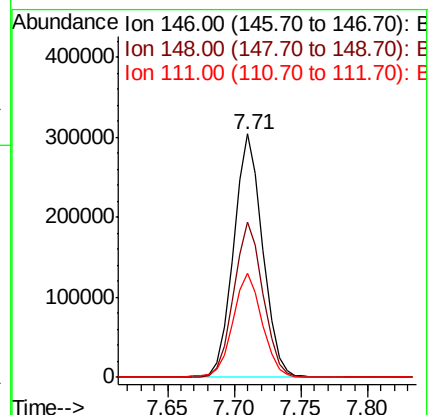
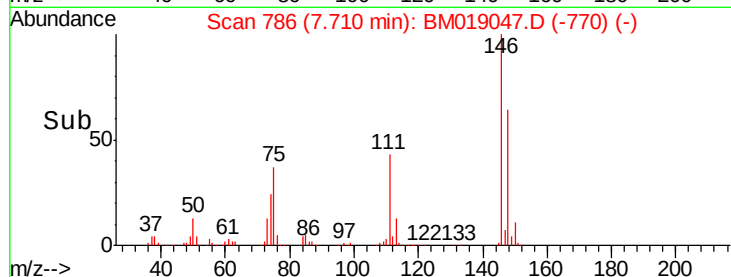
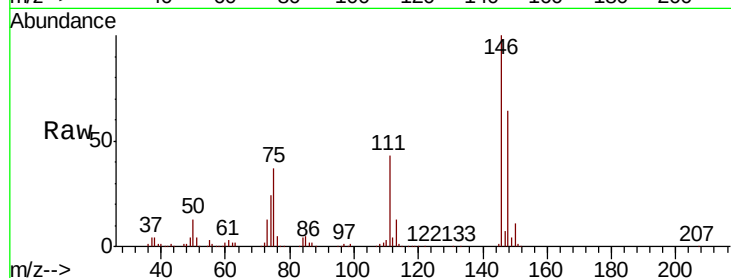
Tgt Ion:146 Resp: 462331

Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.2

111 42.6 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 26.566 ng

RT: 8.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

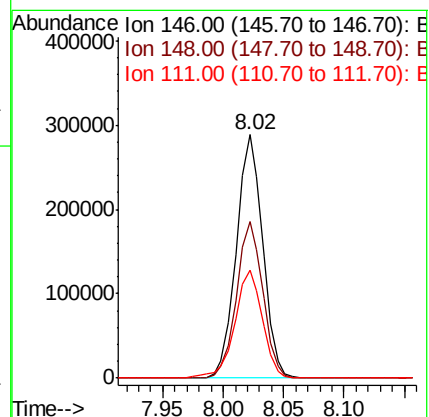
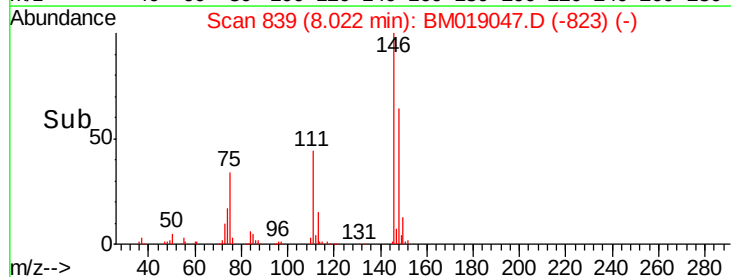
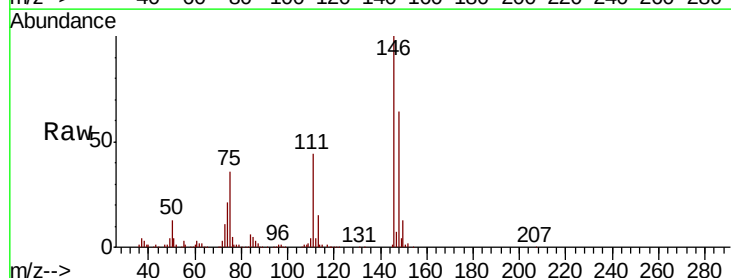
Tgt Ion:146 Resp: 440377

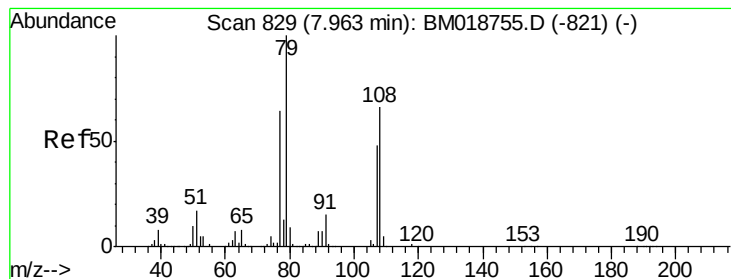
Ion Ratio Lower Upper

146 100

148 64.2 50.7 76.1

111 44.4 35.9 53.9





#15

Benzyl Alcohol

Concen: 24.396 ng

RT: 7.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

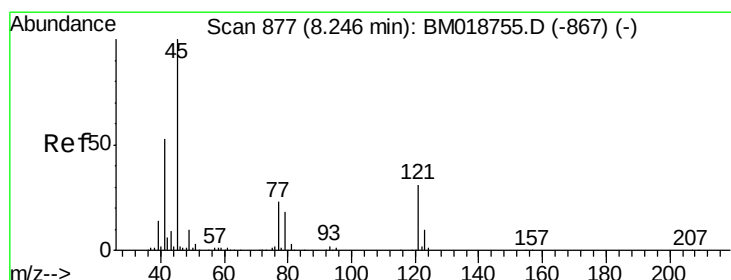
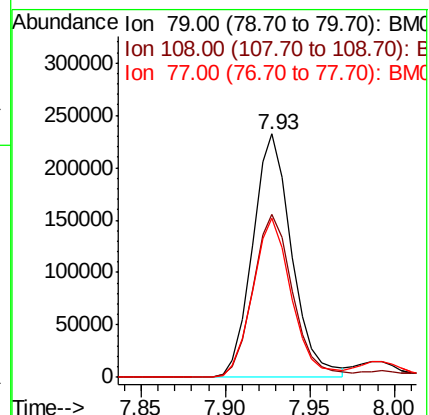
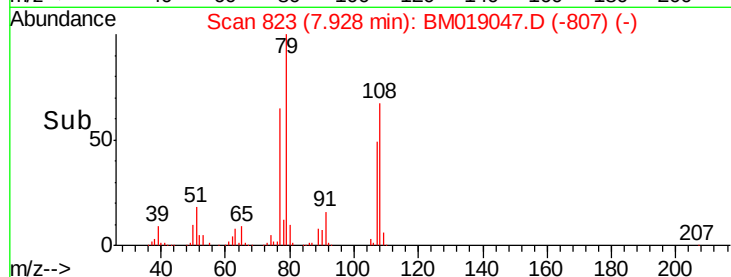
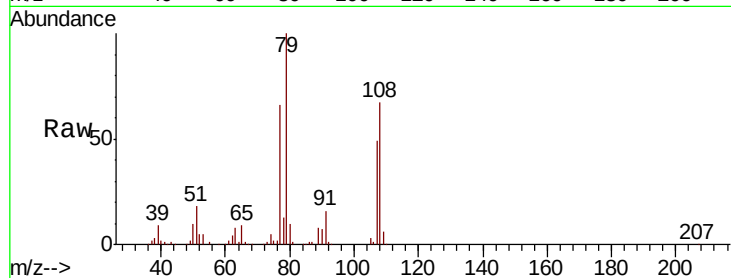
Tgt Ion: 79 Resp: 374971

Ion Ratio Lower Upper

79 100

108 67.0 52.7 79.1

77 65.6 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.641 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

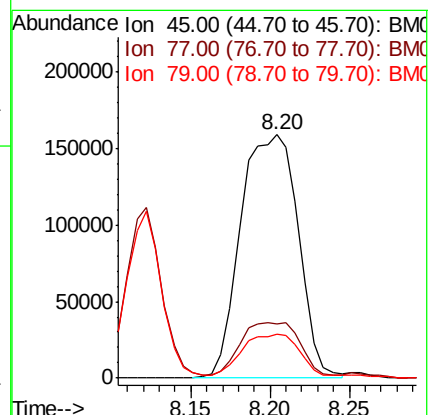
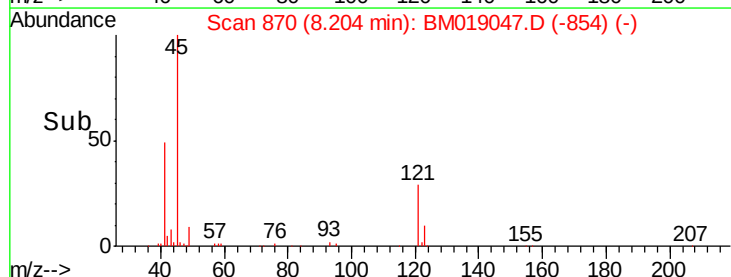
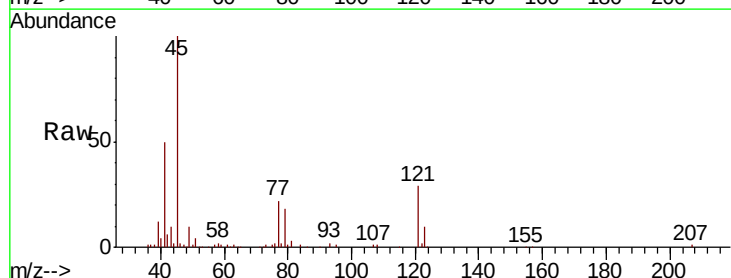
Tgt Ion: 45 Resp: 400332

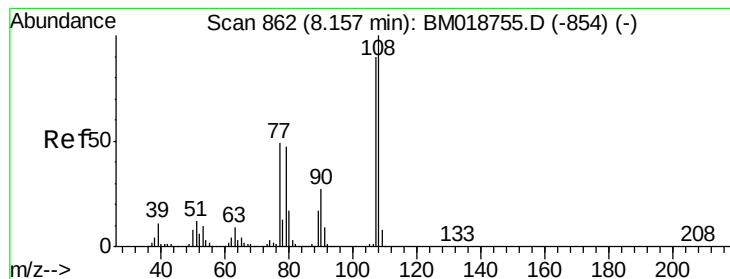
Ion Ratio Lower Upper

45 100

77 22.4 5.0 45.0

79 17.8 0.0 39.3

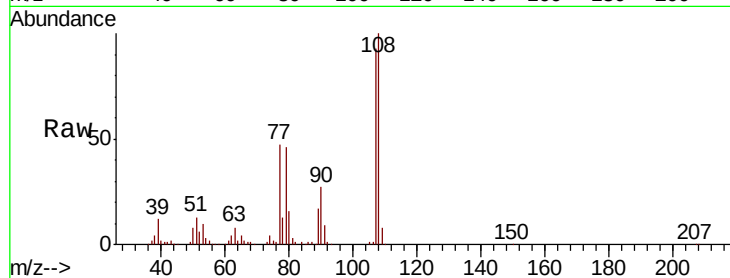




#17
2-Methylphenol
Concen: 25.637 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Instrument :
BNA_M
ClientSampleId :
SB-D-0-2MS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	107.9	88.8	133.2
77	50.9	44.0	66.0
79	49.8	42.4	63.6



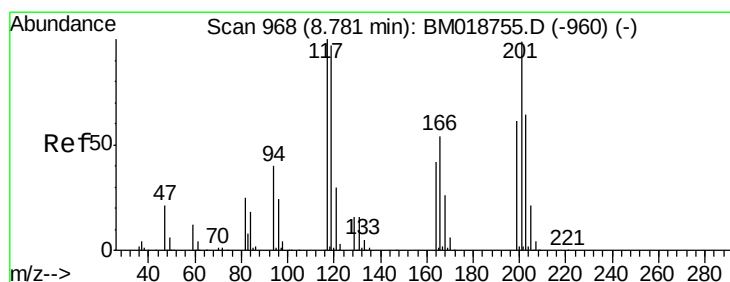
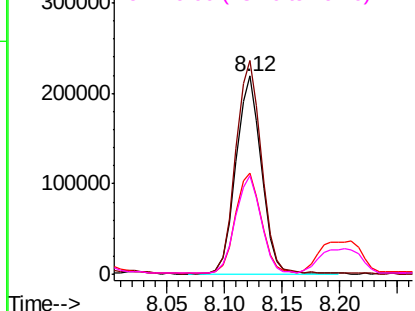
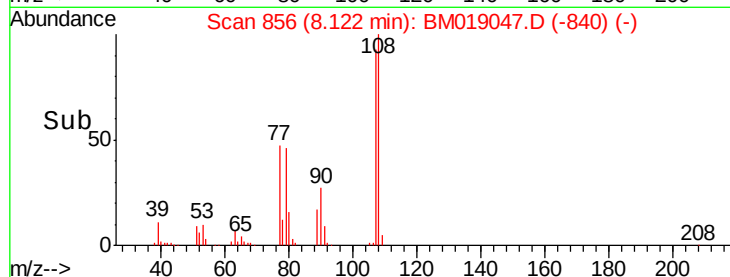
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

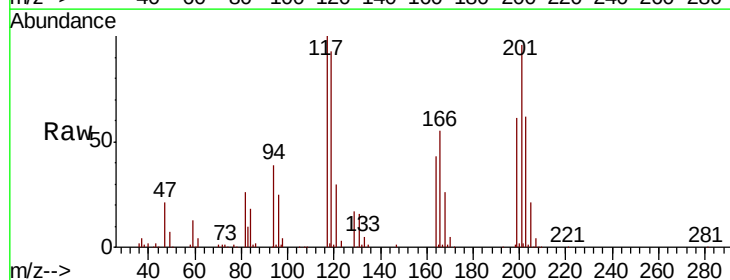
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 27.140 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.9	116.9
201	95.6	79.2	118.8

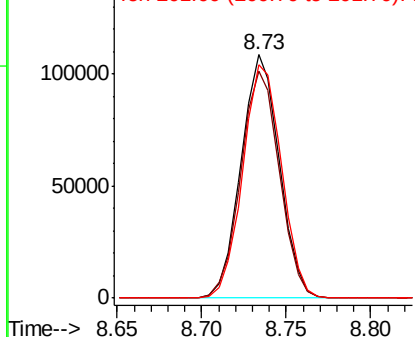
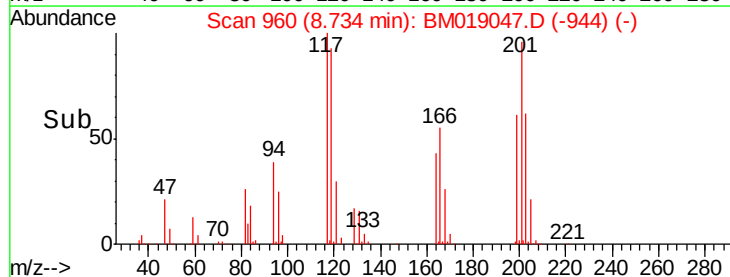


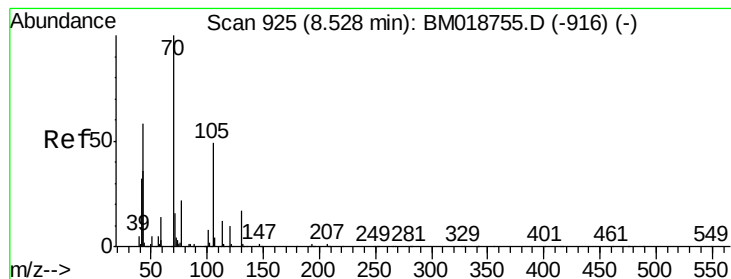
Abundance

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: 23.143 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

Tgt Ion: 70 Resp: 346623

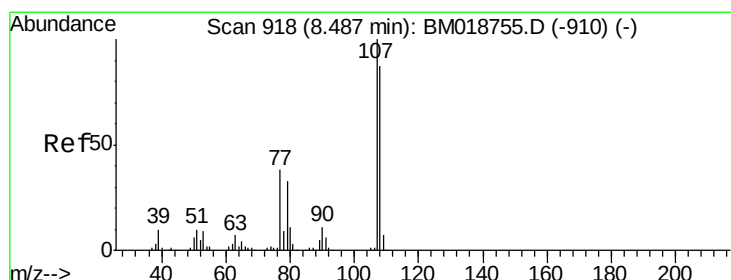
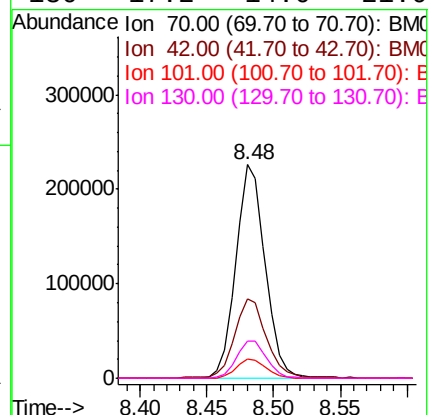
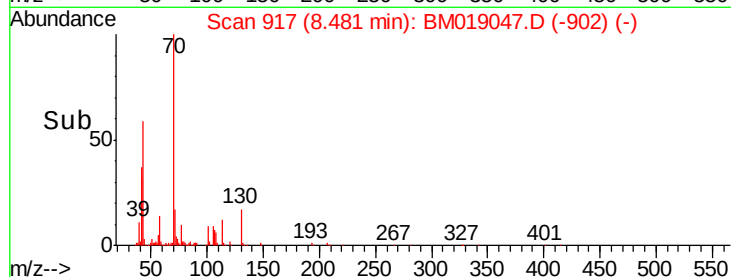
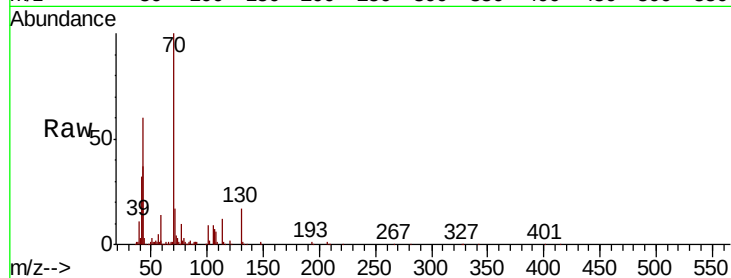
Ion Ratio Lower Upper

70 100

42 37.4 29.4 44.0

101 8.8 6.7 10.1

130 17.2 14.0 21.0



#20

3+4-Methylphenols

Concen: 24.793 ng

RT: 8.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Tgt Ion: 107 Resp: 443502

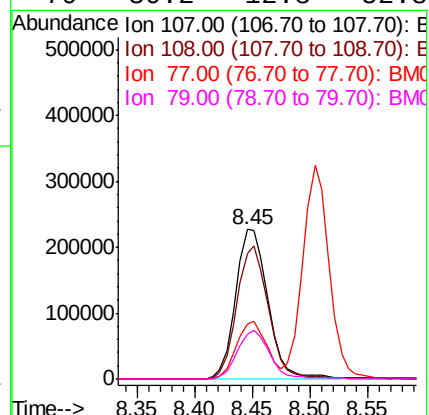
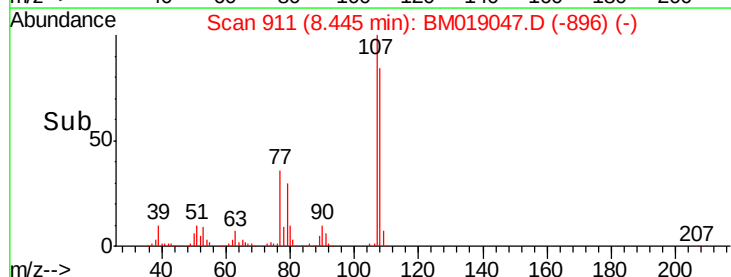
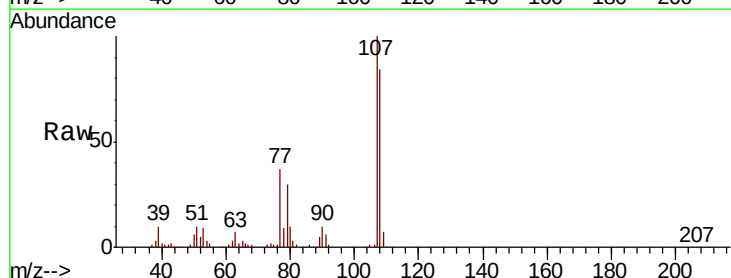
Ion Ratio Lower Upper

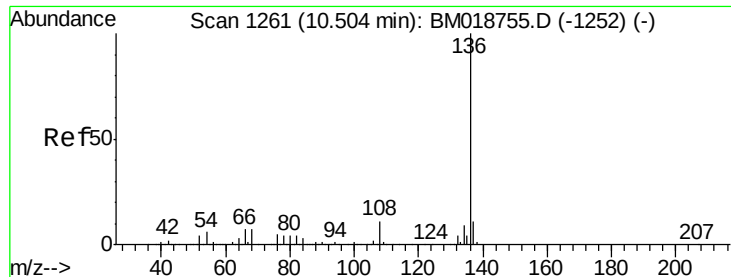
107 100

108 84.3 67.3 107.3

77 36.6 18.0 58.0

79 30.2 12.8 52.8

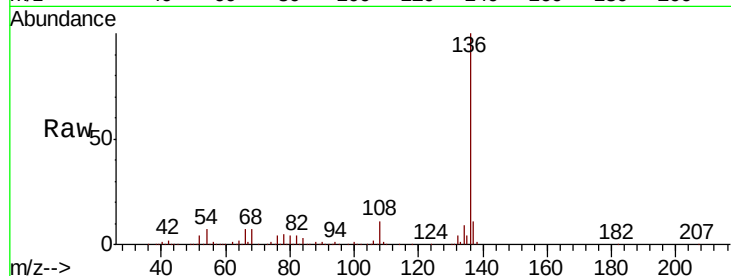




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Instrument :
BNA_M
ClientSampleId :
SB-D-0-2MS

Tgt Ion:	136	Resp:	840579
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.7	5.0	7.6
68	7.3	5.5	8.3



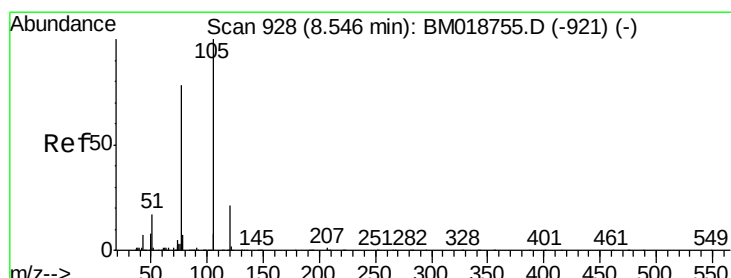
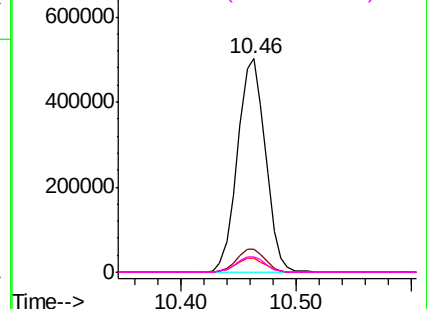
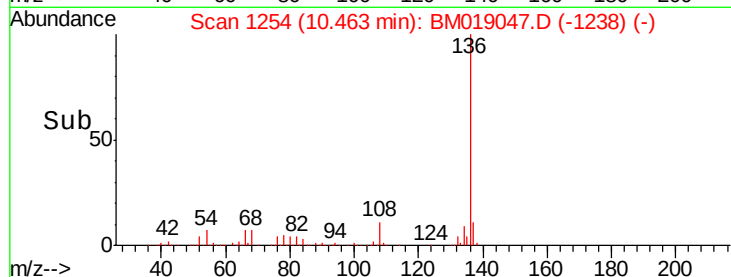
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

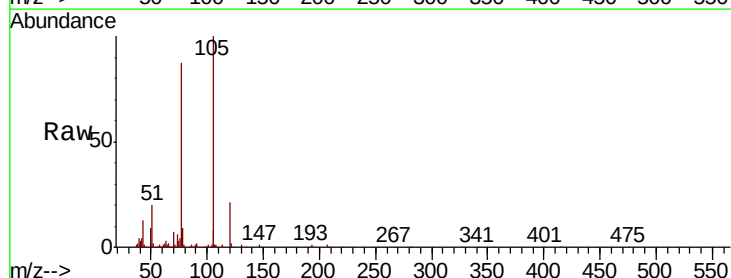
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 25.785 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Tgt Ion:	105	Resp:	595206
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.1	1.7#
51	20.2	15.5	23.3
120	20.8	17.0	25.4



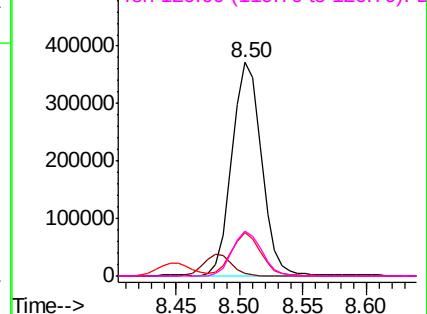
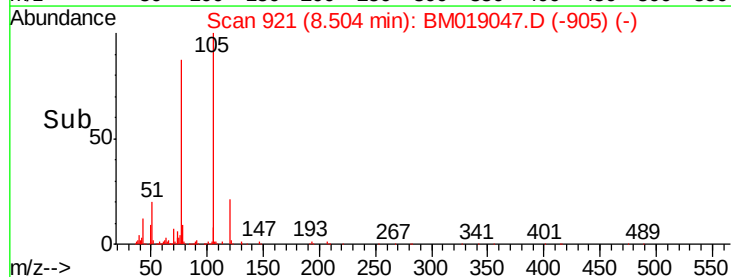
Abundance

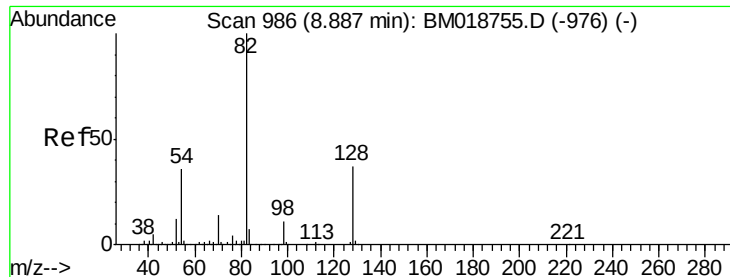
Ion 105.00 (104.70 to 105.70): E

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: 55.128 ng

RT: 8.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

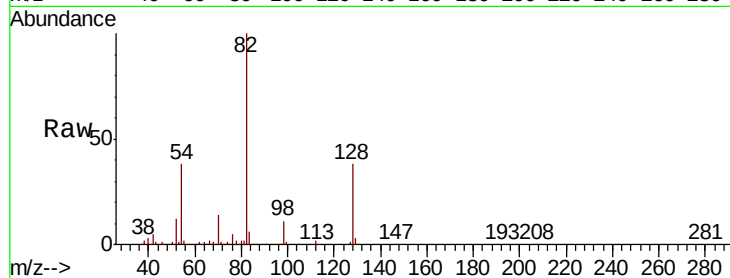
Tgt Ion: 82 Resp: 1002176

Ion Ratio Lower Upper

82 100

128 37.8 29.9 44.9

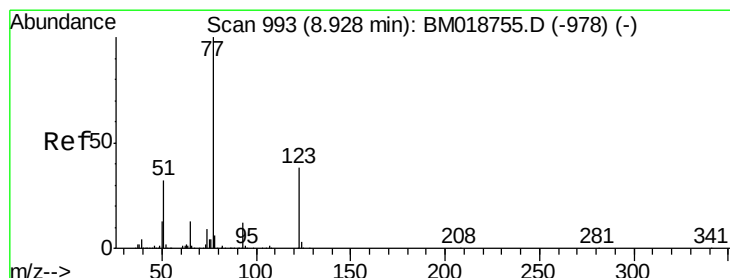
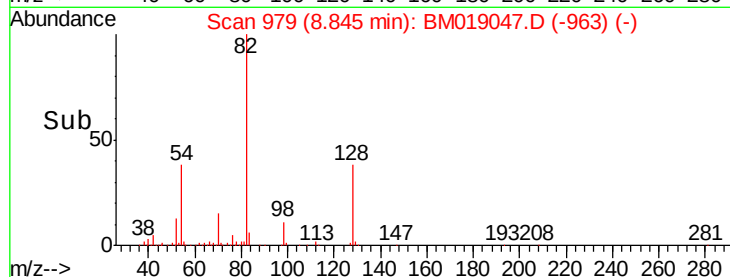
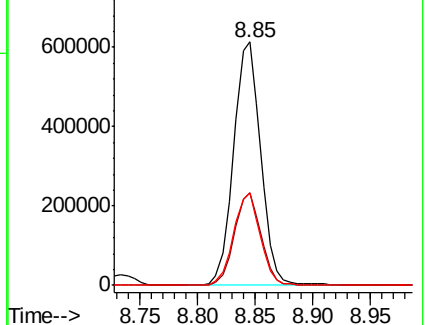
54 37.9 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



#24

Nitrobenzene

Concen: 26.767 ng

RT: 8.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

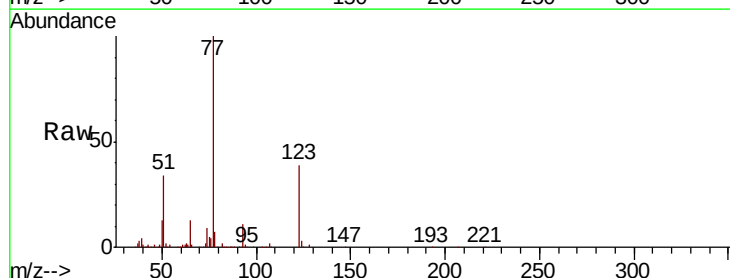
Tgt Ion: 77 Resp: 505102

Ion Ratio Lower Upper

77 100

123 39.4 30.7 46.1

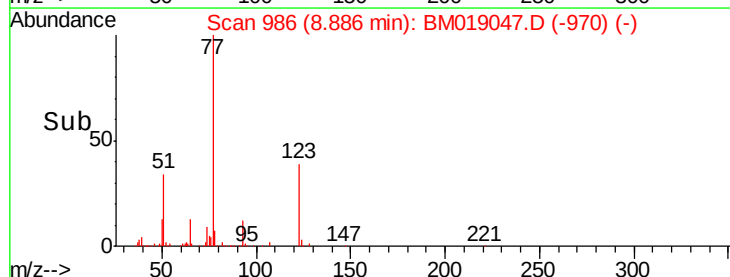
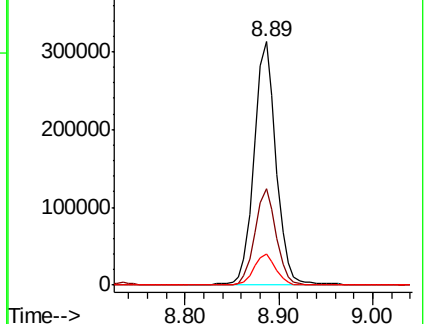
65 12.7 10.5 15.7

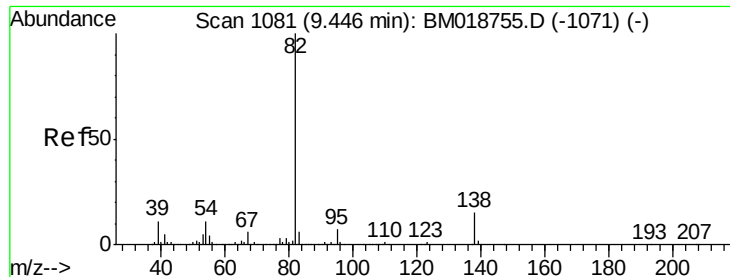


Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-978) (-)

Ion 123.00 (122.70 to 123.70): BM018755.D (-978) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-978) (-)

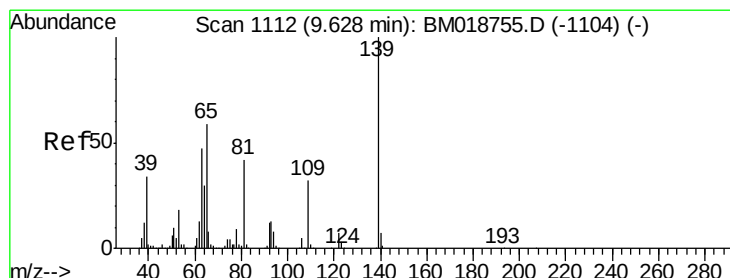
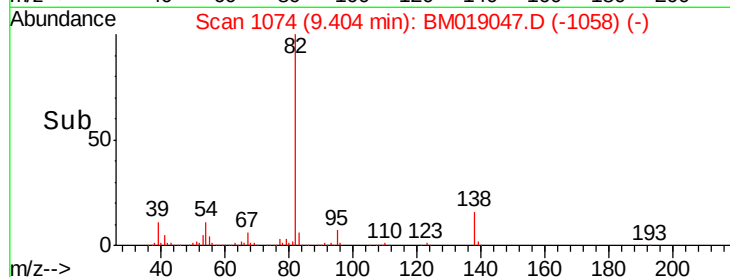
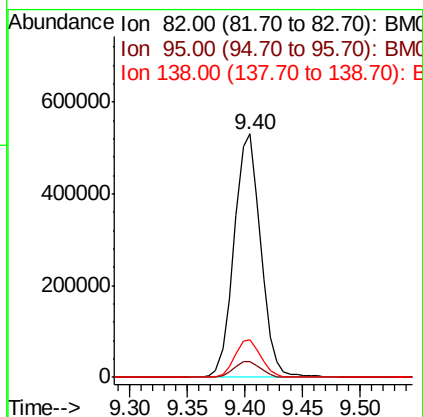
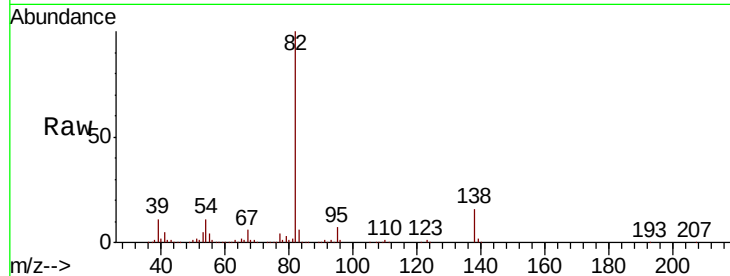




#25
Isophorone
Concen: 29.348 ng
RT: 9.40 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

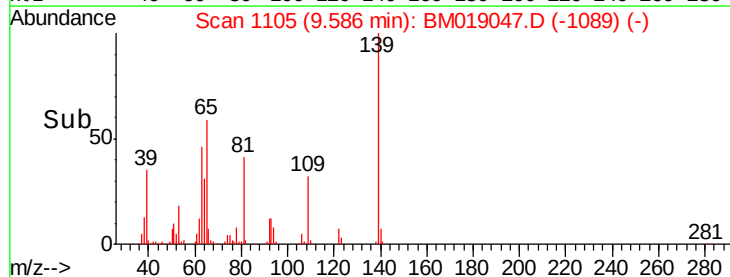
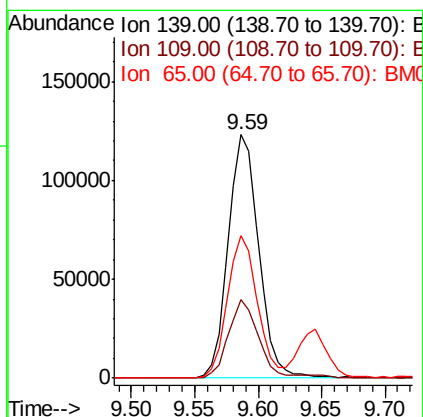
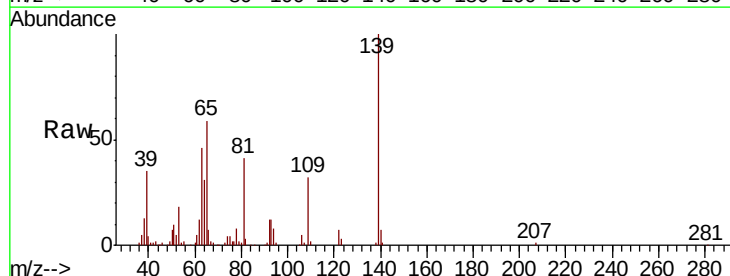
Instrument :
BNA_M
ClientSampleId :
SB-D-0-2MS

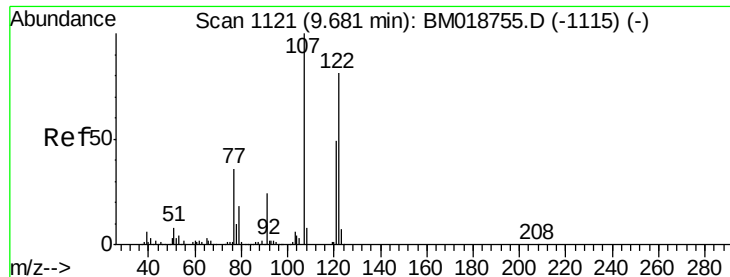
Tgt Ion: 82 Resp: 851293
Ion Ratio Lower Upper
82 100
95 6.6 5.7 8.5
138 15.7 12.3 18.5



#26
2-Nitrophenol
Concen: 27.328 ng
RT: 9.59 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Tgt Ion: 139 Resp: 205365
Ion Ratio Lower Upper
139 100
109 32.1 25.2 37.8
65 58.5 47.0 70.4

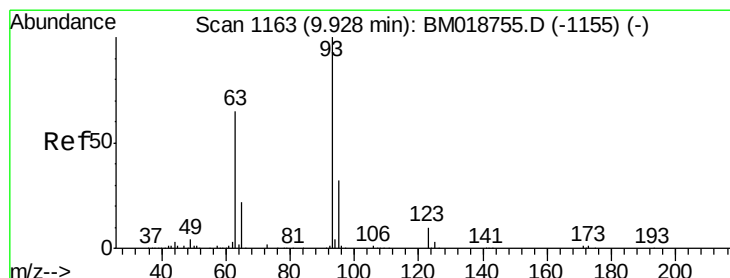
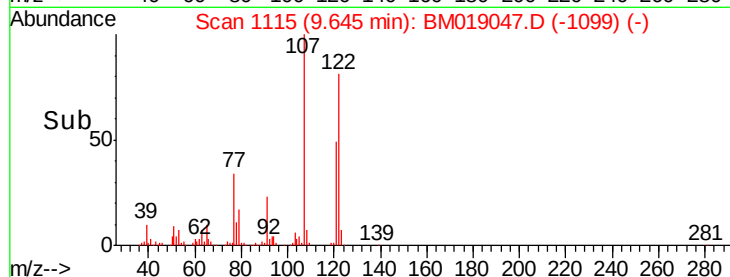
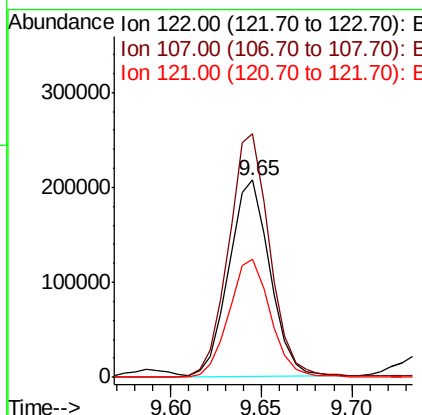
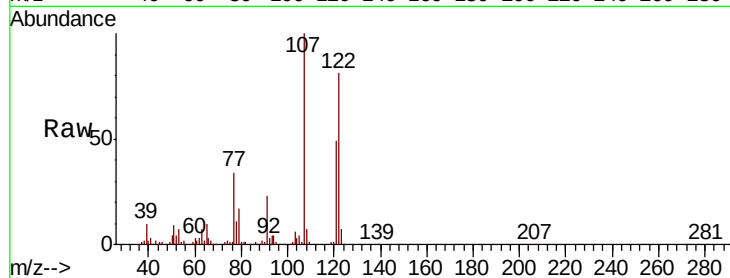




#27
 2,4-Dimethylphenol
 Concen: 29.506 ng
 RT: 9.65 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BM019047.D
 Acq: 05 Mar 2019 21:31

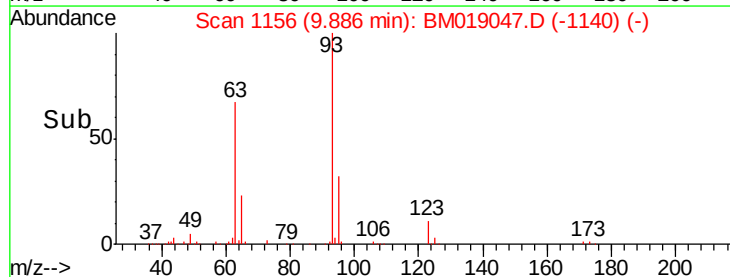
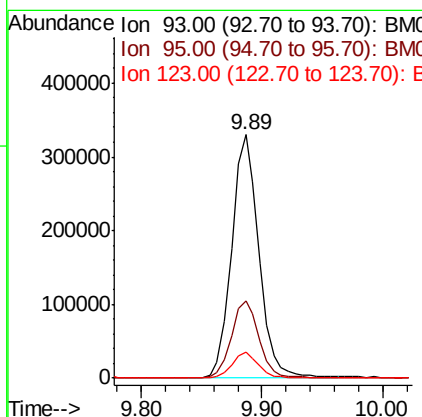
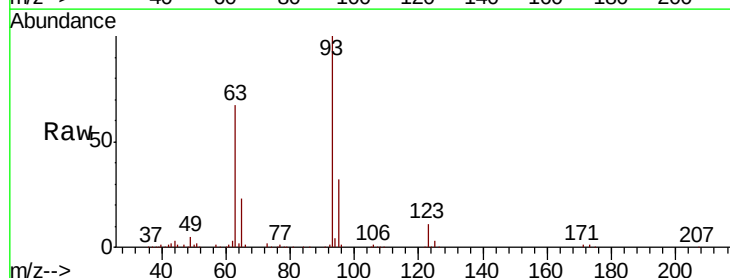
Instrument :
 BNA_M
 ClientSampleId :
 SB-D-0-2MS

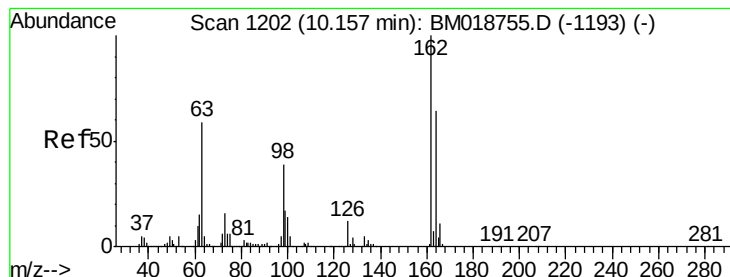
Tgt Ion	Ratio	Lower	Upper
122	100		
107	123.6	97.6	146.4
121	60.2	47.9	71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 27.676 ng
 RT: 9.89 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BM019047.D
 Acq: 05 Mar 2019 21:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.6	38.4
123	10.9	8.2	12.4





#29

2,4-Dichlorophenol

Concen: 27.307 ng

RT: 10.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

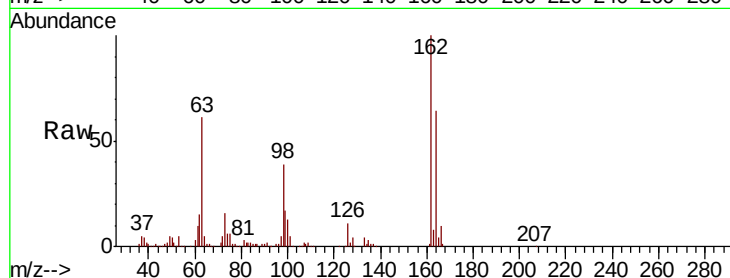
Tgt Ion:162 Resp: 344137

Ion Ratio Lower Upper

162 100

164 64.1 44.1 84.1

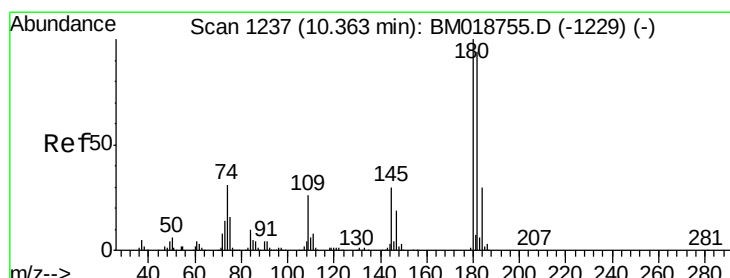
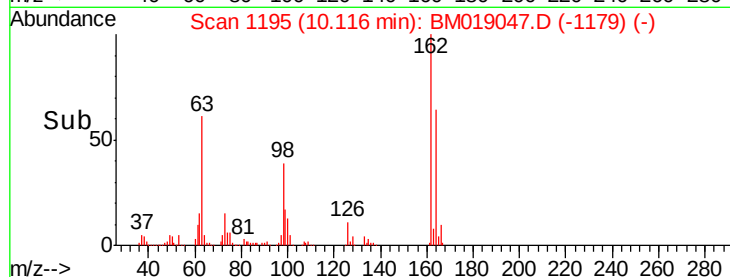
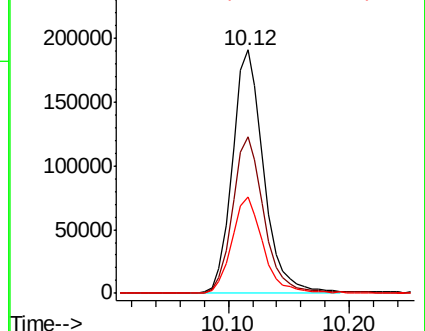
98 39.4 19.4 59.4



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: 27.469 ng

RT: 10.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

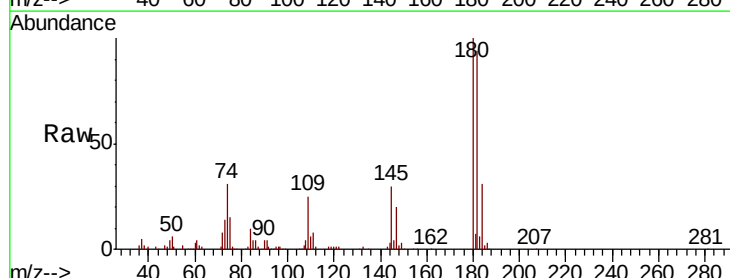
Tgt Ion:180 Resp: 399787

Ion Ratio Lower Upper

180 100

182 93.9 75.0 112.6

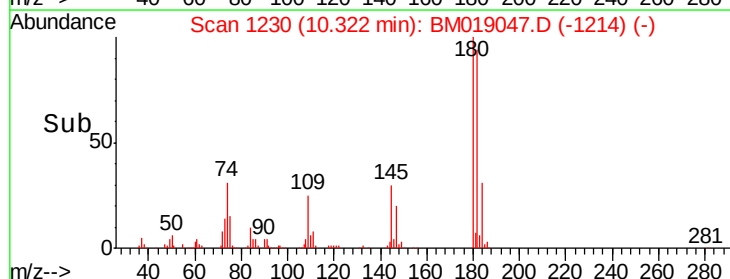
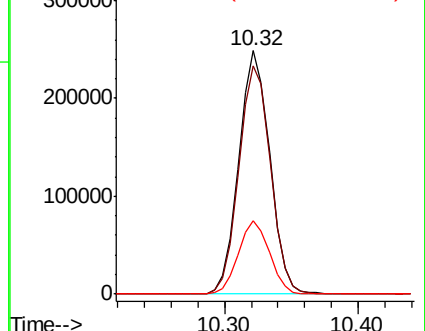
145 30.2 24.1 36.1

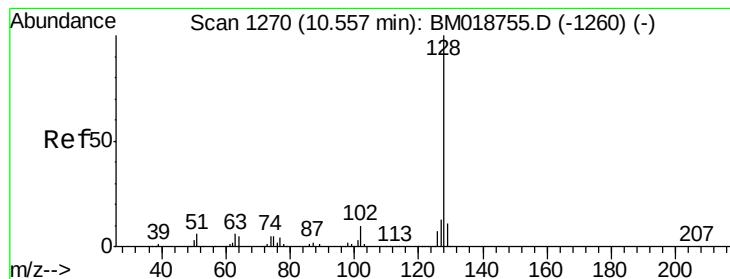


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 28.888 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

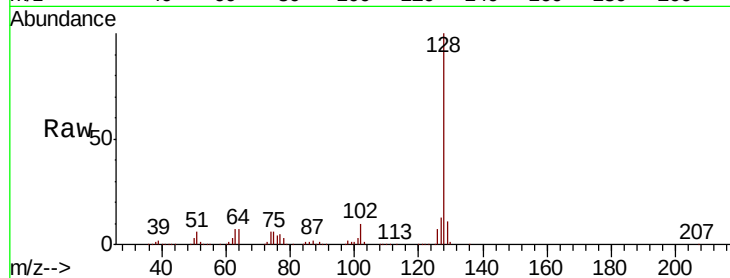
Tgt Ion:128 Resp: 1184275

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

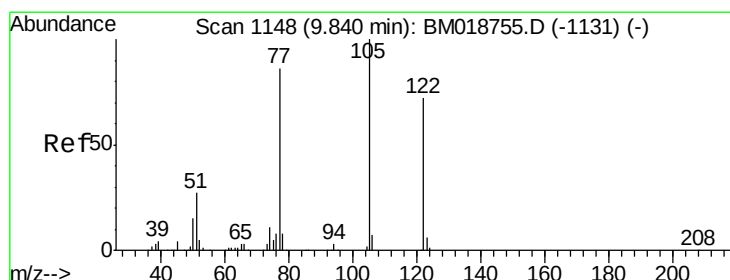
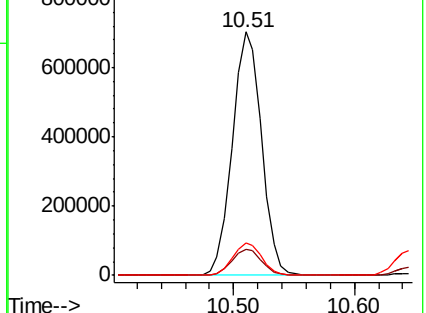
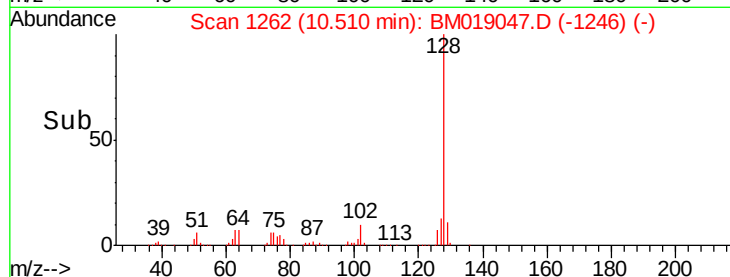
127 13.4 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.167 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.07 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

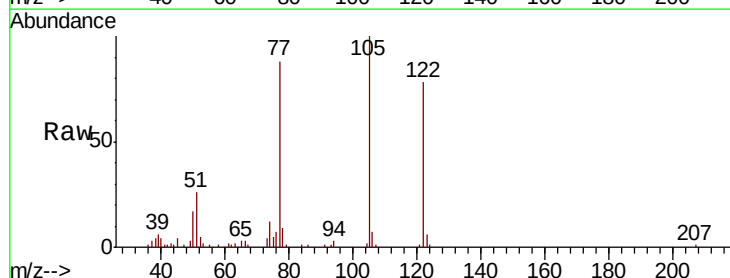
Tgt Ion:122 Resp: 97337

Ion Ratio Lower Upper

122 100

105 128.4 117.5 157.5

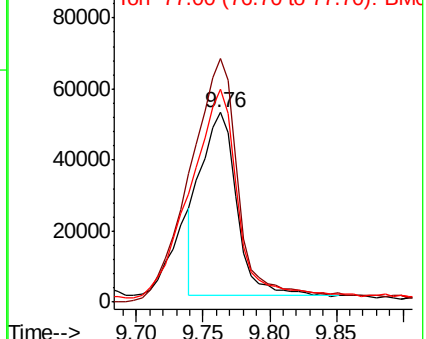
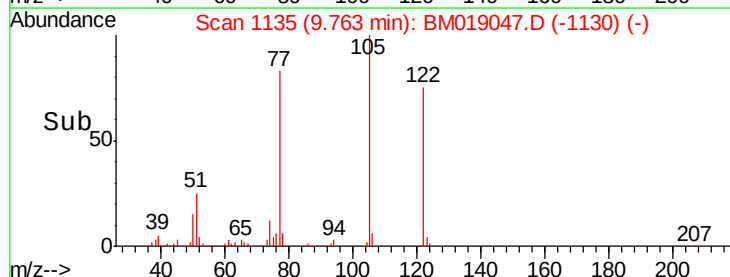
77 112.5 98.5 138.5

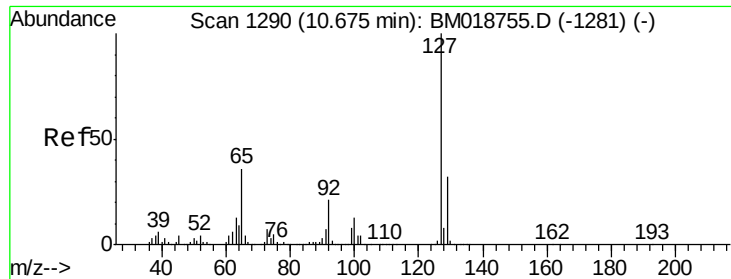


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

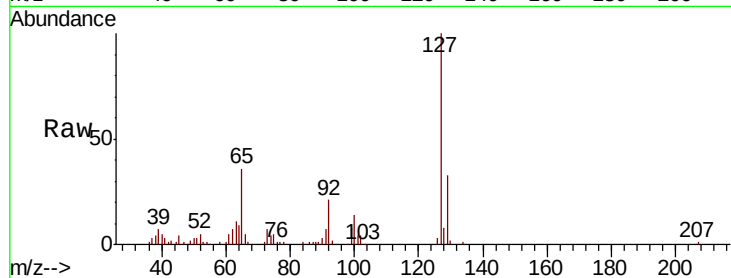




#33
4-Chloroaniline
Concen: 7.744 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Instrument :
BNA_M
ClientSampleId :
SB-D-0-2MS

Tgt Ion:	127	Resp:	141915
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.7	38.5
65	36.1	28.7	43.1
92	21.4	17.0	25.4



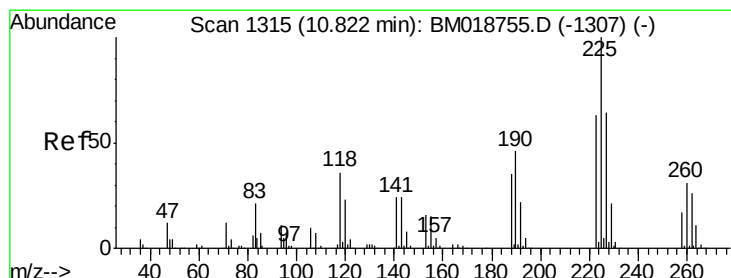
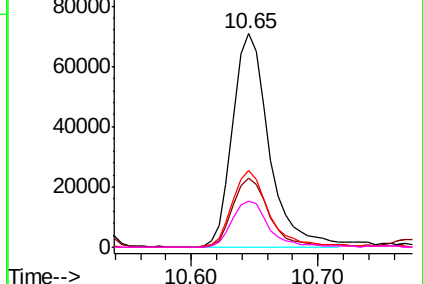
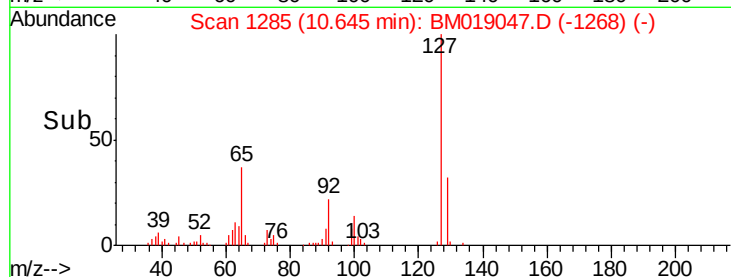
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

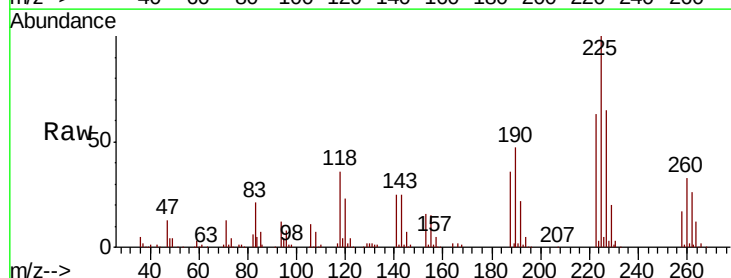
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 26.309 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Tgt Ion:	225	Resp:	222261
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.1	75.1
227	64.7	51.4	77.0

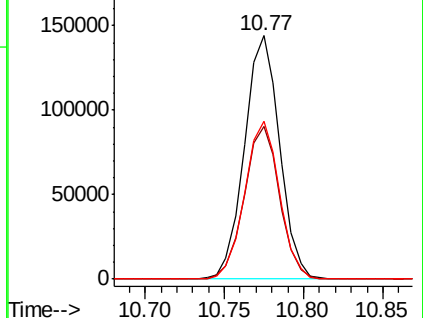
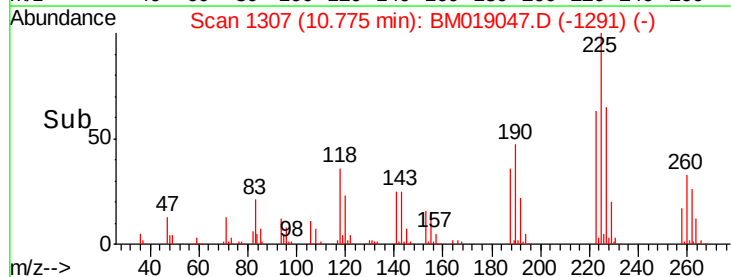


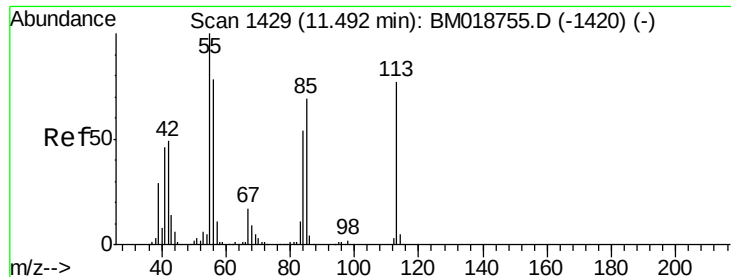
Abundance

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

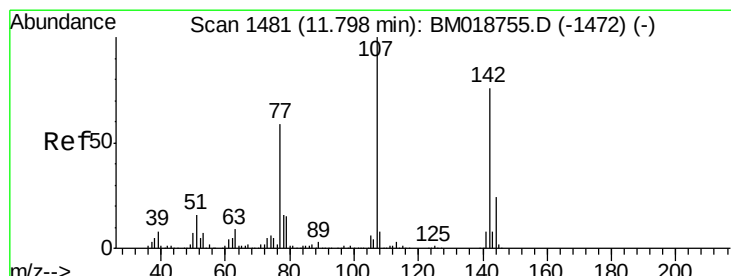
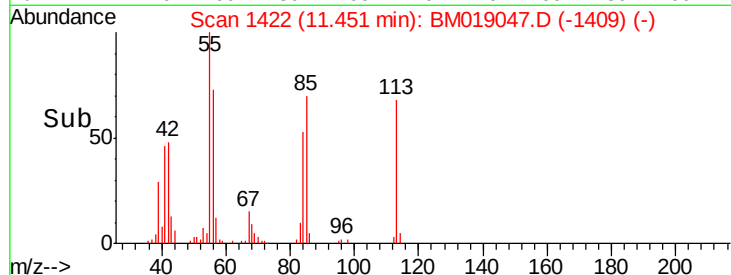
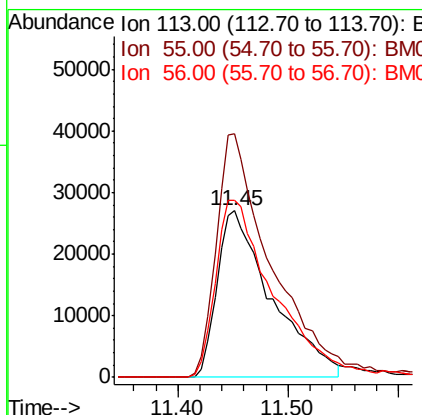
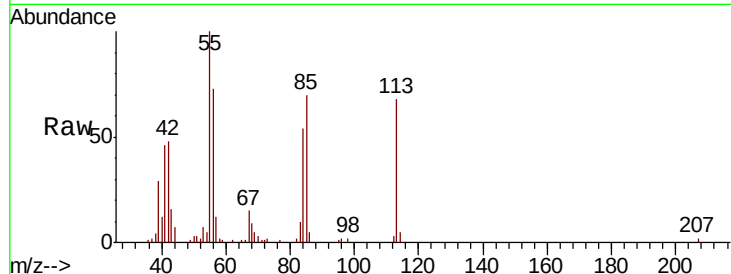




#35
 Caprolactam
 Concen: 18.105 ng
 RT: 11.45 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BM019047.D
 Acq: 05 Mar 2019 21:31

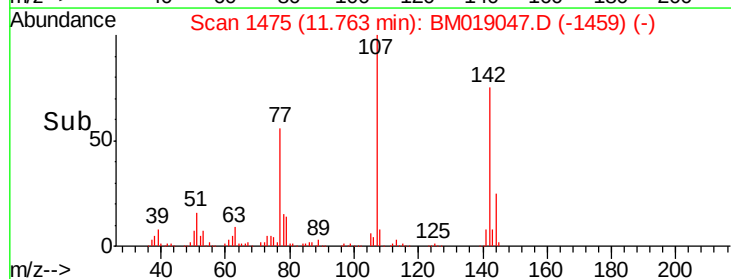
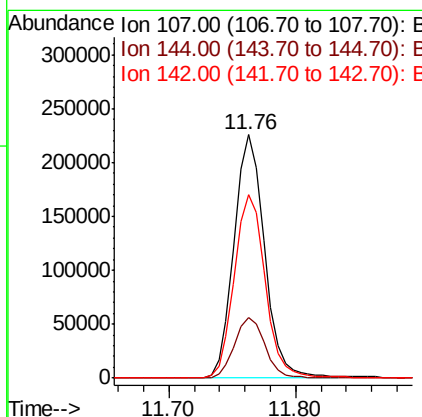
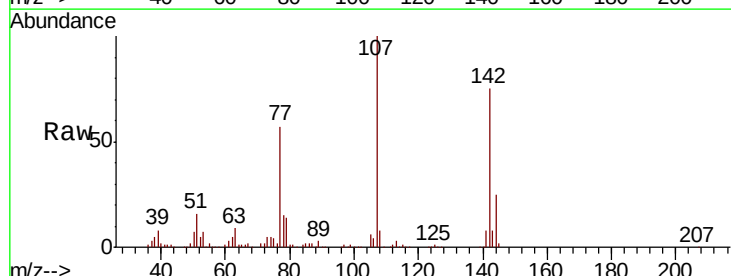
Instrument :
 BNA_M
 ClientSampleId :
 SB-D-0-2MS

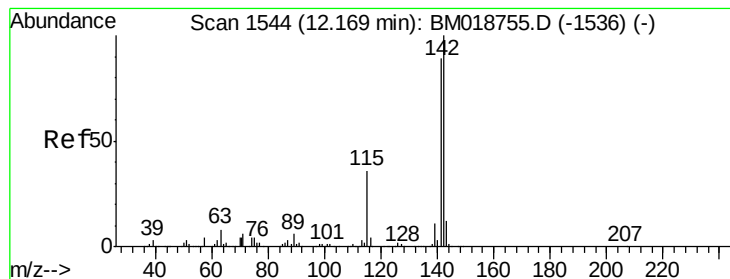
Tgt Ion:113 Resp: 93121
 Ion Ratio Lower Upper
 113 100
 55 146.0 110.7 150.7
 56 106.2 82.4 122.4



#36
 4-Chloro-3-methylphenol
 Concen: 24.780 ng
 RT: 11.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BM019047.D
 Acq: 05 Mar 2019 21:31

Tgt Ion:107 Resp: 376522
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.3 28.9
 142 75.5 60.5 90.7





#37

2-Methylnaphthalene

Concen: 28.870 ng

RT: 12.13 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

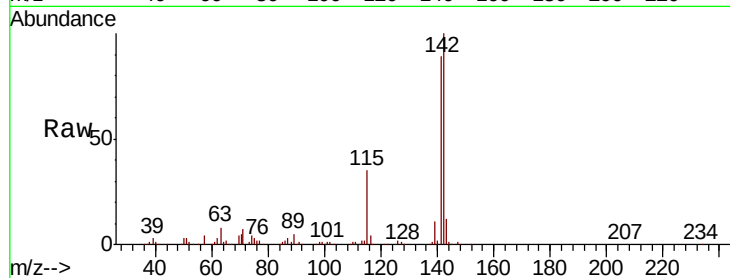
Tgt Ion:142 Resp: 833284

Ion Ratio Lower Upper

142 100

141 89.0 71.2 106.8

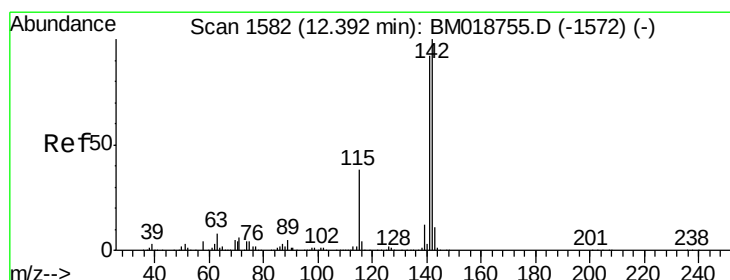
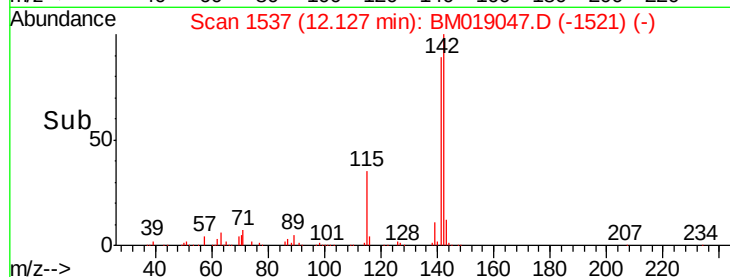
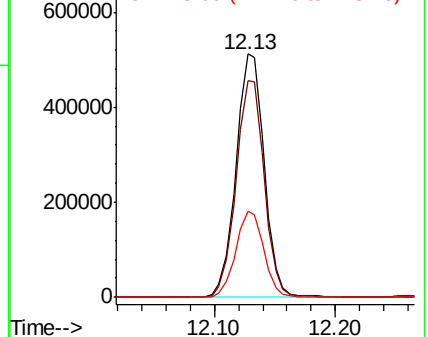
115 35.3 29.1 43.7



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: 27.702 ng

RT: 12.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

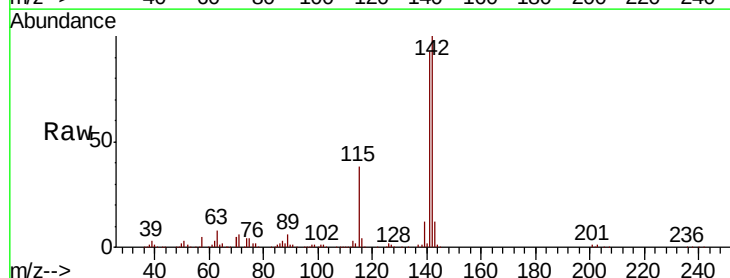
Tgt Ion:142 Resp: 781879

Ion Ratio Lower Upper

142 100

141 92.6 73.9 110.9

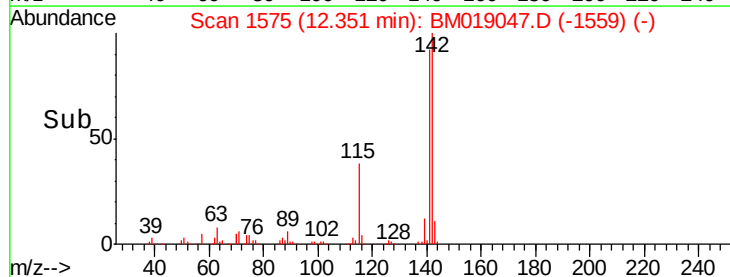
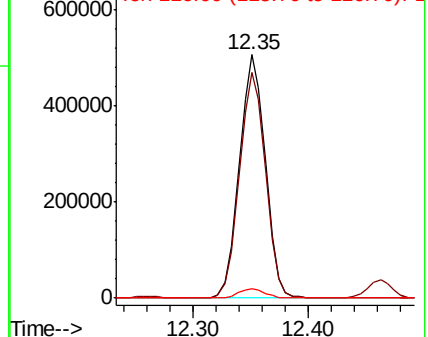
116 3.9 3.0 4.4

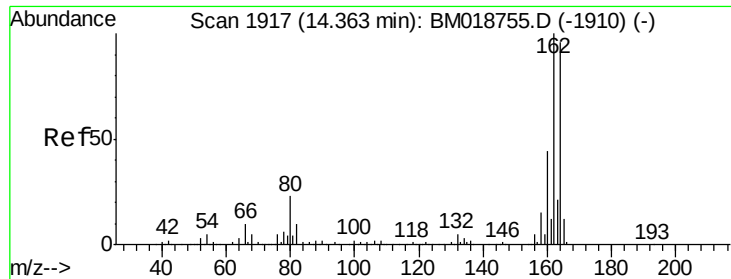


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.33 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

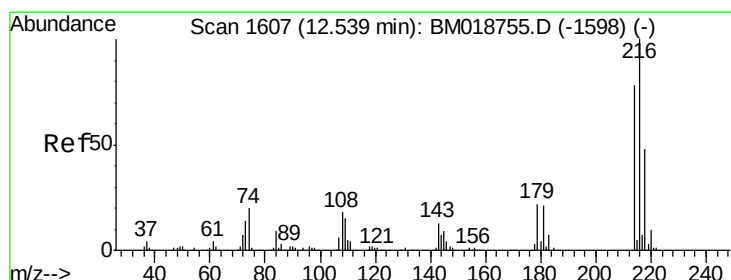
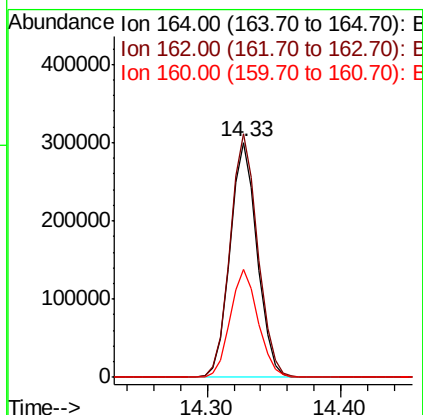
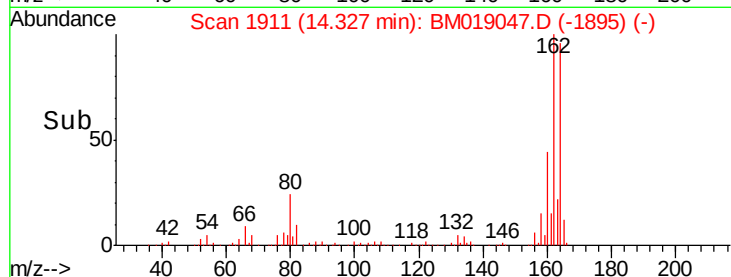
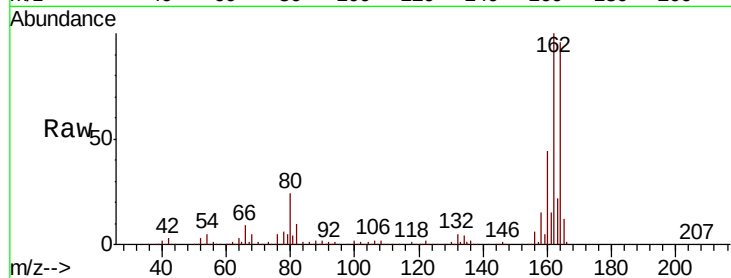
Tgt Ion:164 Resp: 426315

Ion Ratio Lower Upper

164 100

162 103.7 83.4 125.0

160 45.8 36.6 55.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 28.801 ng

RT: 12.50 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Tgt Ion:216 Resp: 392766

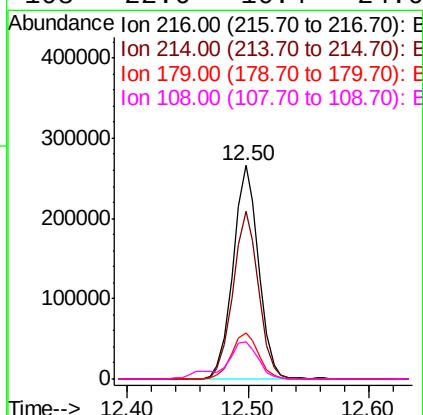
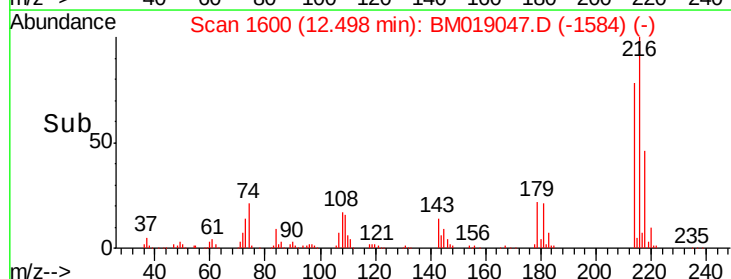
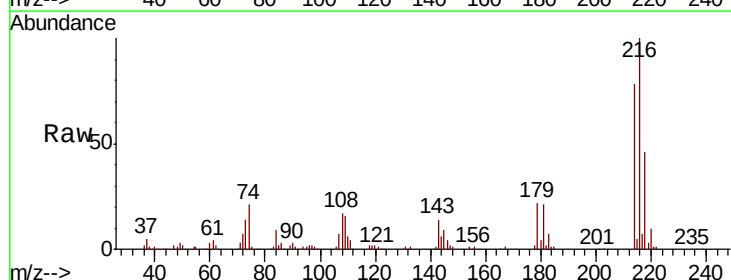
Ion Ratio Lower Upper

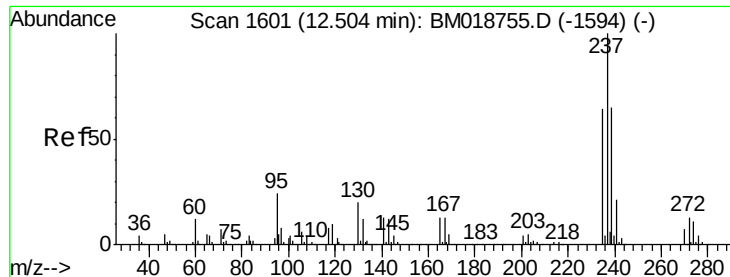
216 100

214 78.3 63.2 94.8

179 22.6 17.8 26.8

108 22.6 16.4 24.6





#41

Hexachlorocyclopentadiene

Concen: 62.304 ng

RT: 12.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

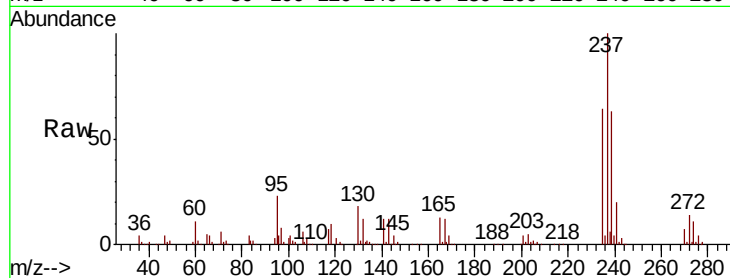
Tgt Ion: 237 Resp: 434412

Ion Ratio Lower Upper

237 100

235 63.5 43.7 83.7

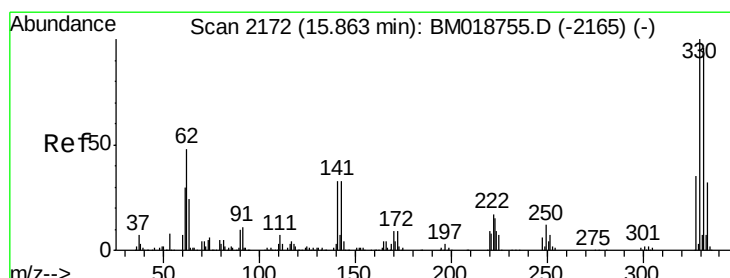
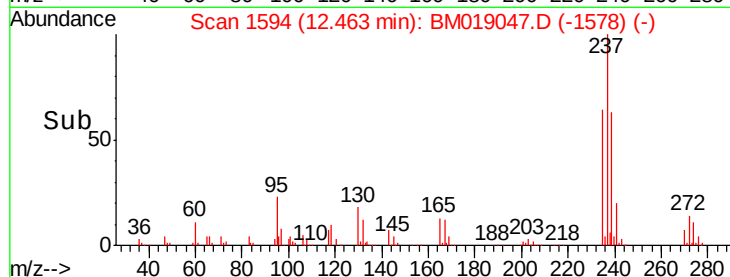
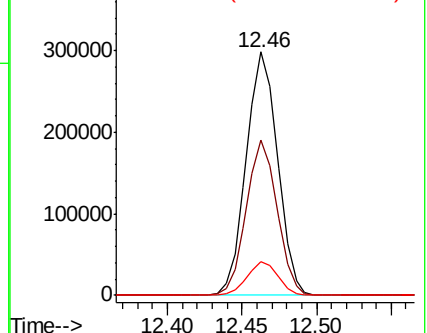
272 13.6 0.0 33.3



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: 82.025 ng

RT: 15.83 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

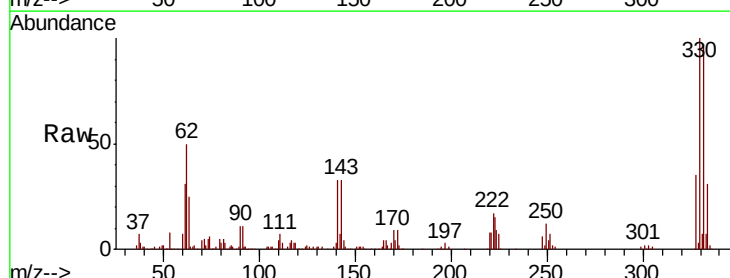
Tgt Ion: 330 Resp: 504062

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

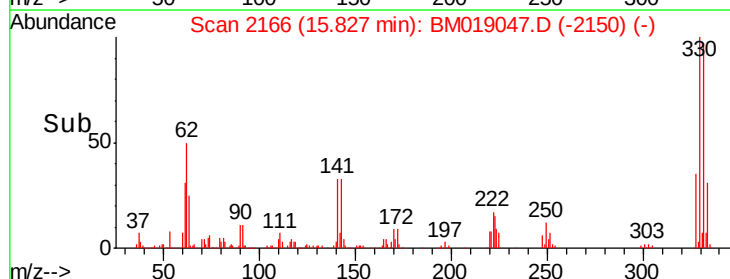
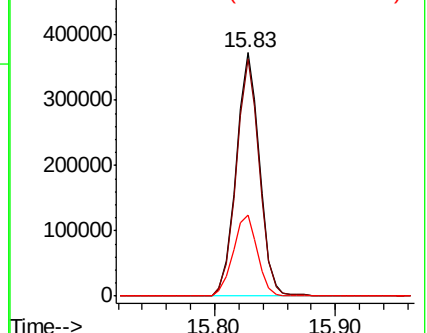
141 34.5 28.7 43.1

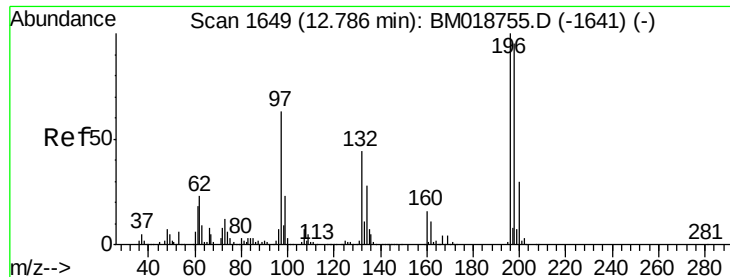


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

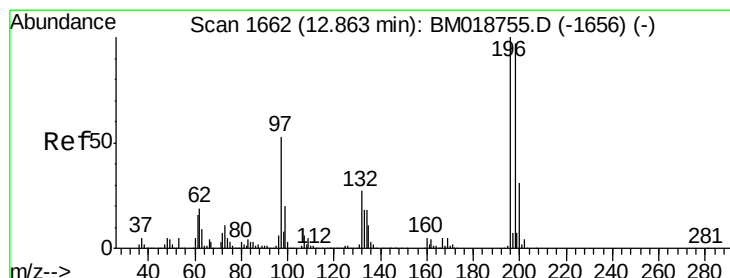
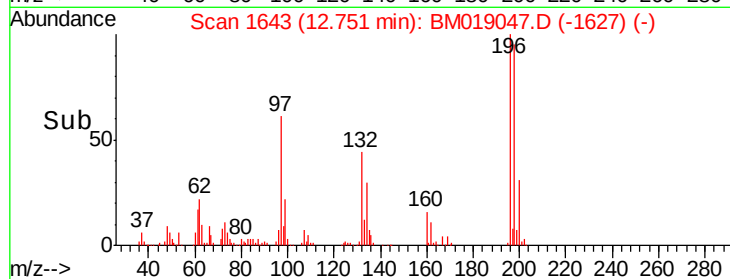
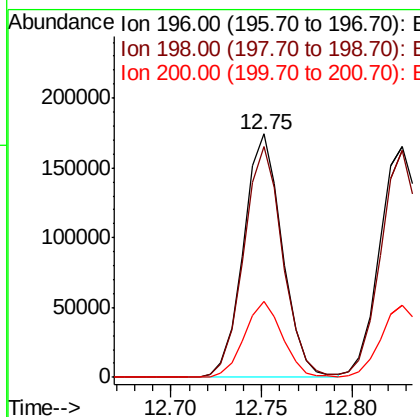
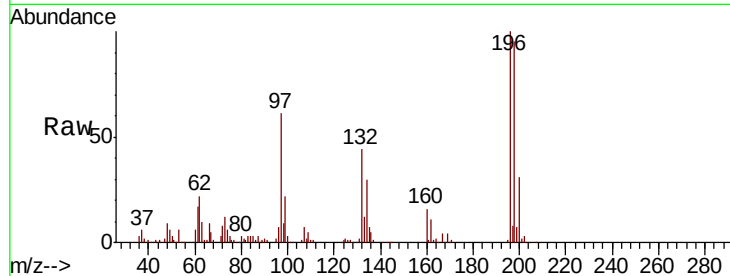




#43
 2,4,6-Trichlorophenol
 Concen: 28.662 ng
 RT: 12.75 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BM019047.D
 Acq: 05 Mar 2019 21:31

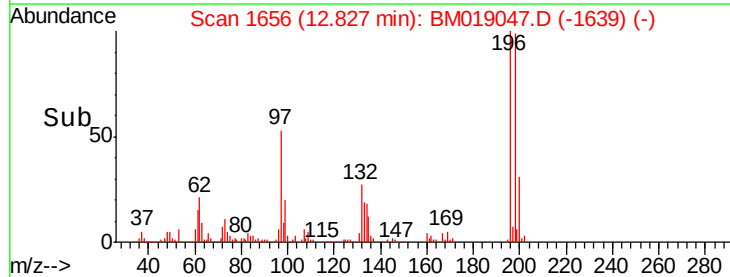
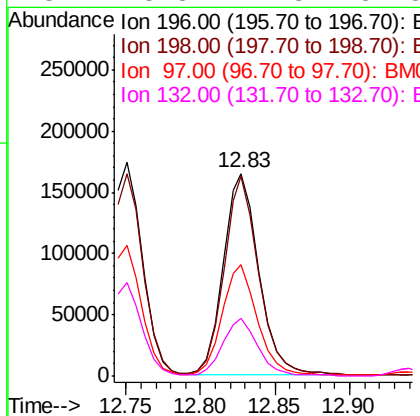
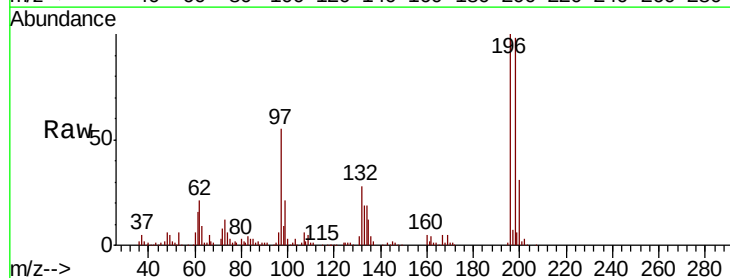
Instrument :
 BNA_M
 ClientSampleId :
 SB-D-0-2MS

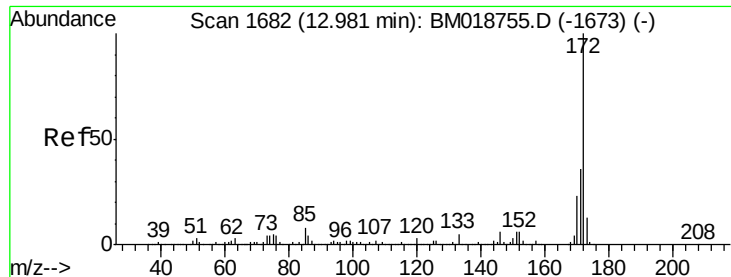
Tgt Ion:196 Resp: 258764
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.2 114.2
 200 31.3 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 28.690 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BM019047.D
 Acq: 05 Mar 2019 21:31

Tgt Ion:196 Resp: 271475
 Ion Ratio Lower Upper
 196 100
 198 98.3 77.6 116.4
 97 54.9 42.8 64.2
 132 28.3 21.8 32.8

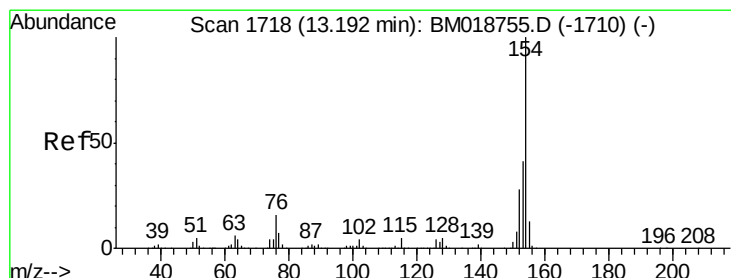
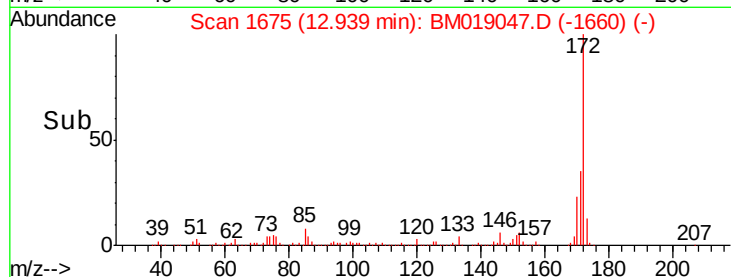
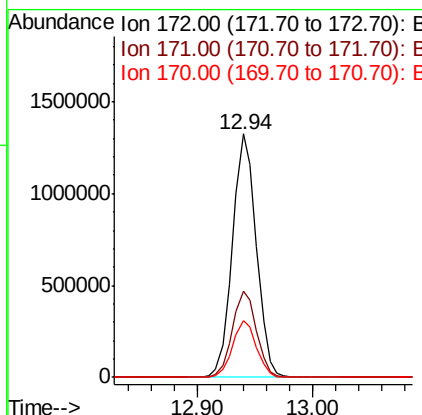
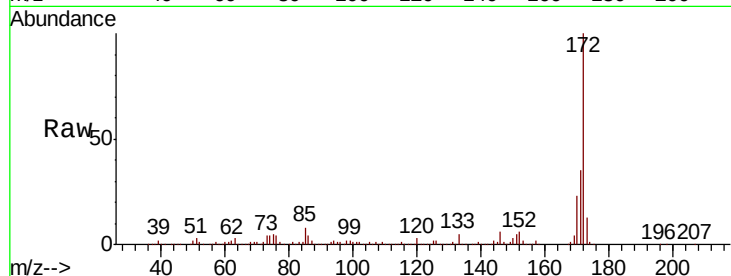




#45
2-Fluorobiphenyl
Concen: 58.834 ng
RT: 12.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

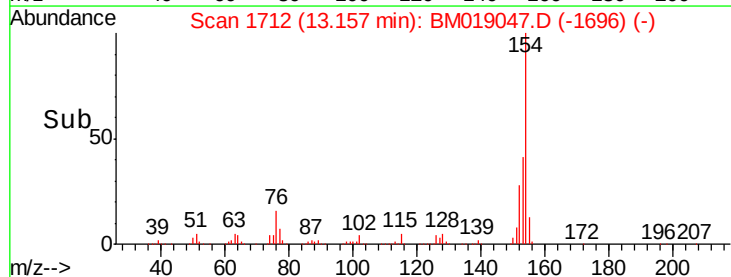
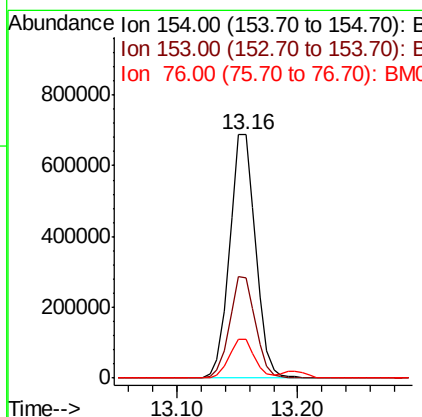
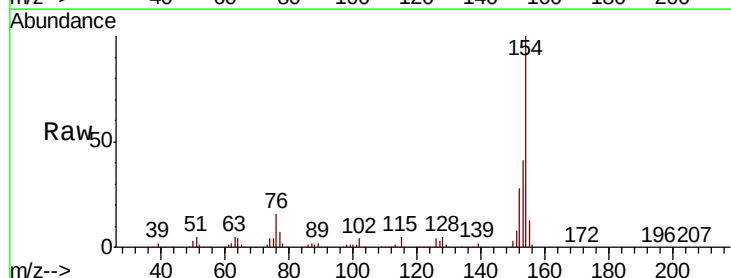
Instrument :
BNA_M
ClientSampleId :
SB-D-0-2MS

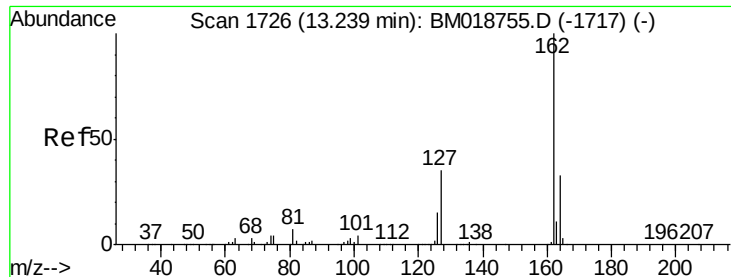
Tgt Ion:172 Resp: 1889439
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 28.131 ng
RT: 13.16 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Tgt Ion:154 Resp: 1032289
Ion Ratio Lower Upper
154 100
153 41.1 21.1 61.1
76 15.7 0.0 35.7

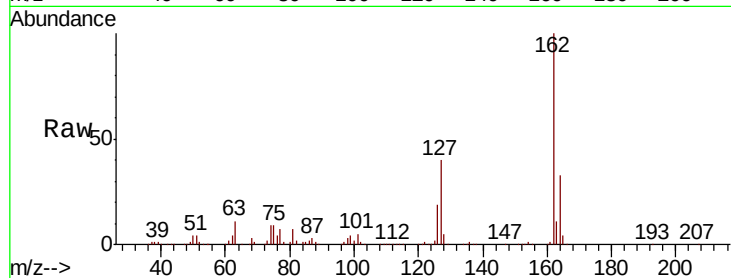




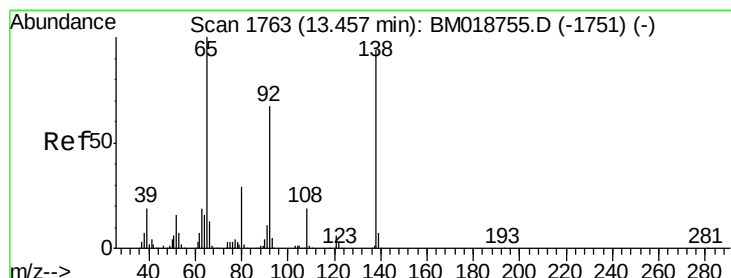
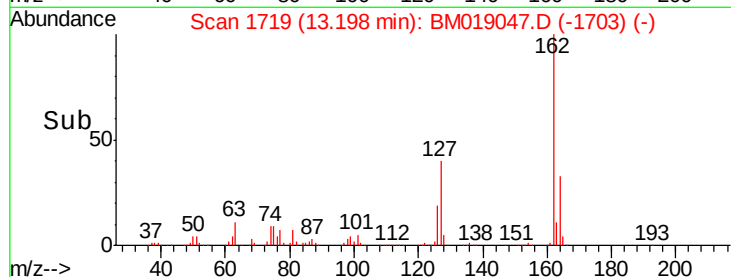
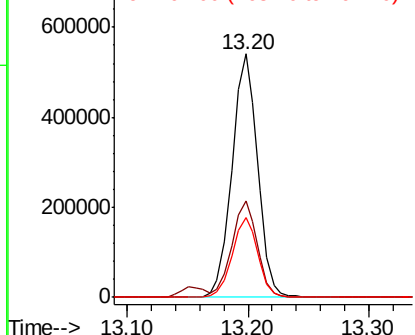
#47
2-Chloronaphthalene
Concen: 28.189 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Instrument :
BNA_M
ClientSampleId :
SB-D-0-2MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	31.1	46.7
164	32.7	26.4	39.6

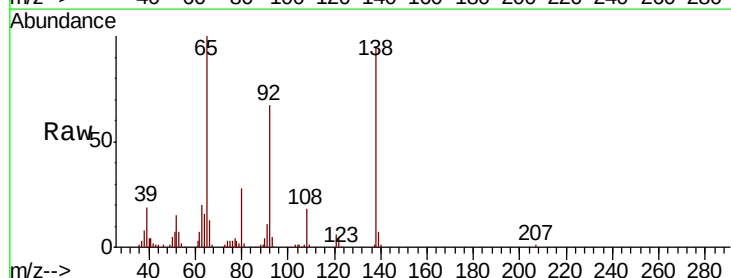


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

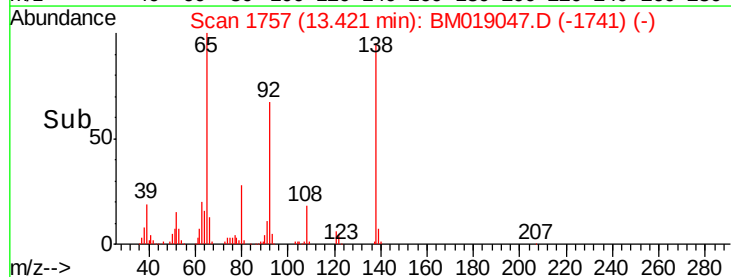
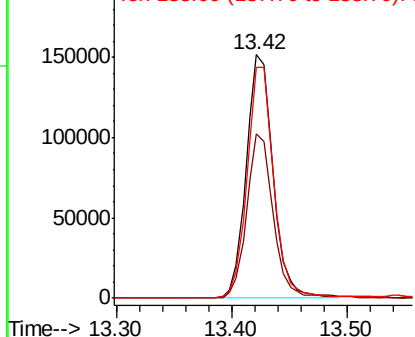


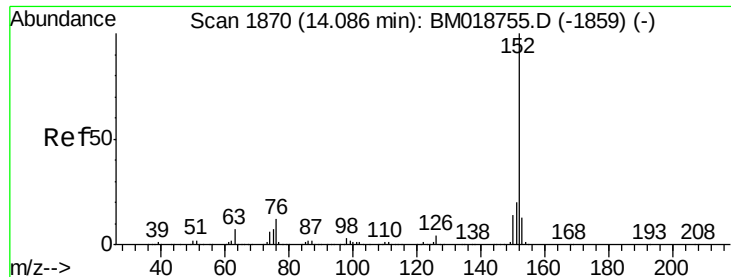
#48
2-Nitroaniline
Concen: 26.062 ng
RT: 13.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	54.0	81.0
138	94.6	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: 29.747 ng

RT: 14.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampled :

SB-D-0-2MS

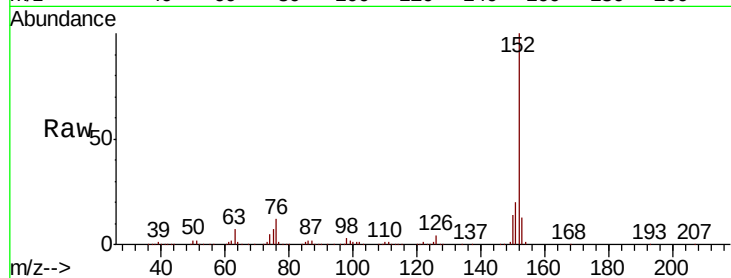
Tgt Ion:152 Resp: 1255454

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

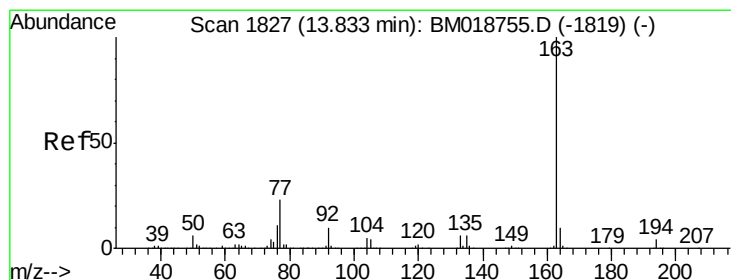
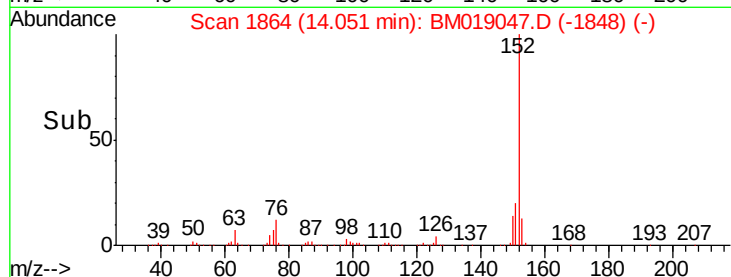
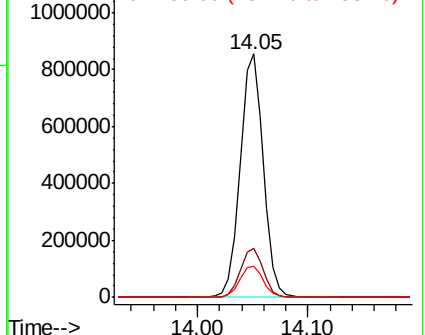
153 12.8 10.5 15.7



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: 30.603 ng

RT: 13.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

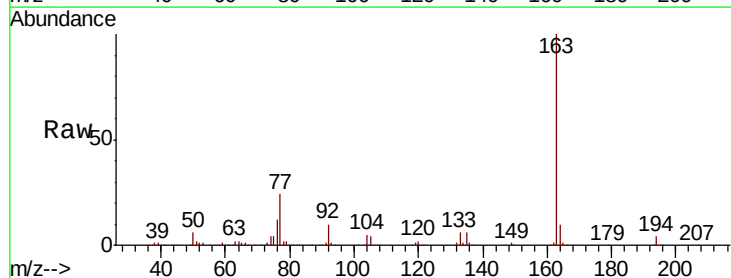
Tgt Ion:163 Resp: 1087304

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

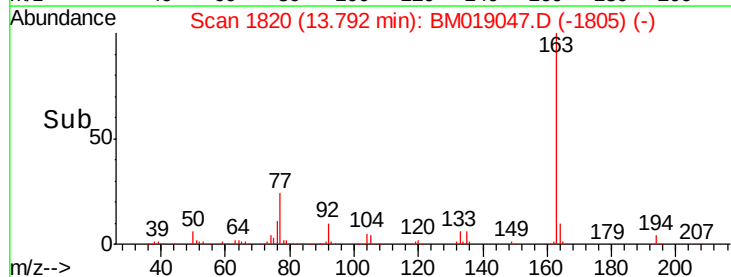
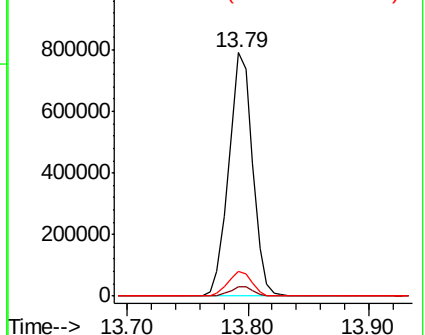
164 10.0 7.8 11.8

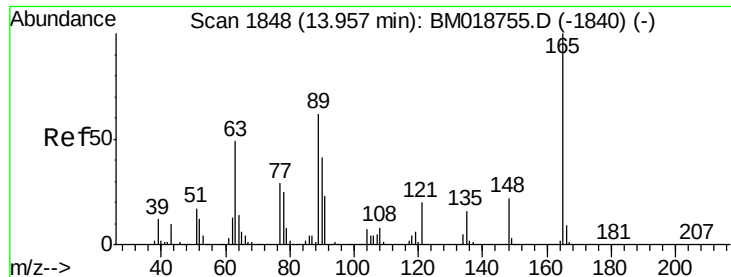


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

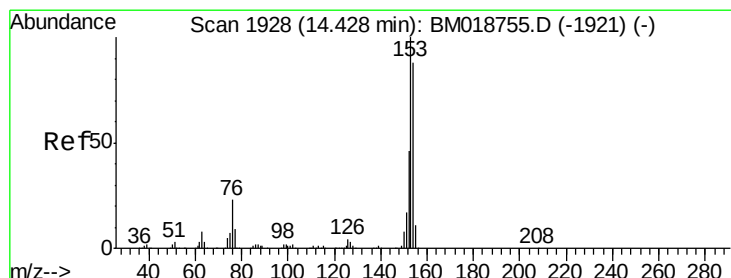
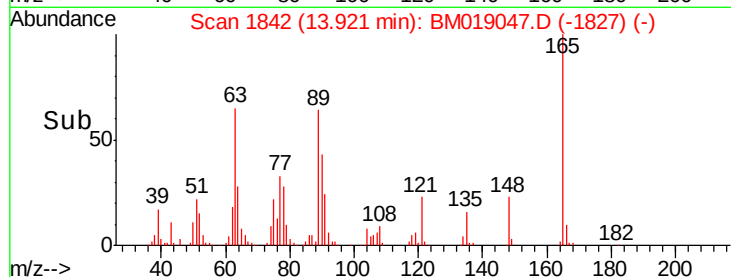
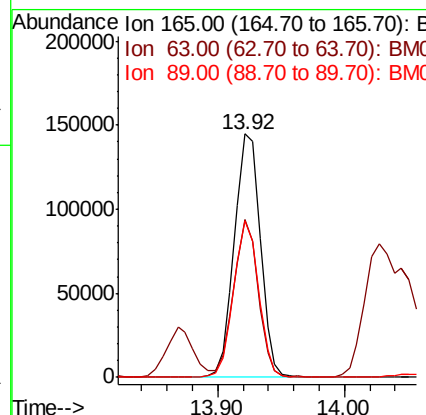
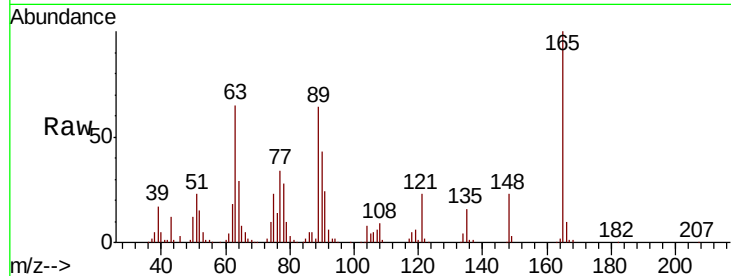




#51
2,6-Dinitrotoluene
Concen: 26.685 ng
RT: 13.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

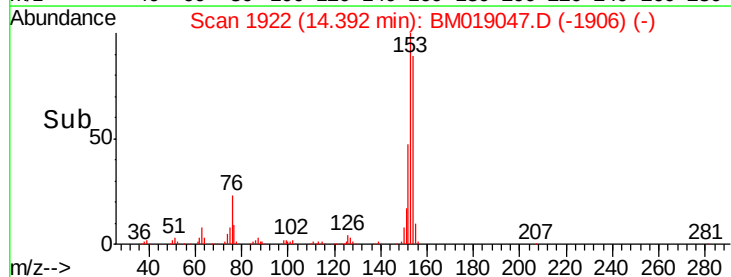
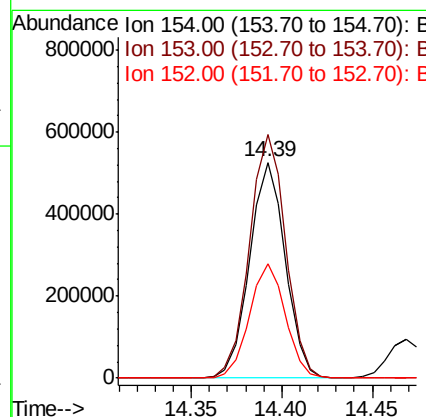
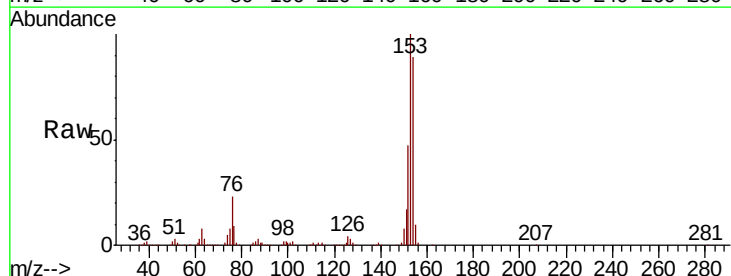
Instrument :
BNA_M
ClientSampleId :
SB-D-0-2MS

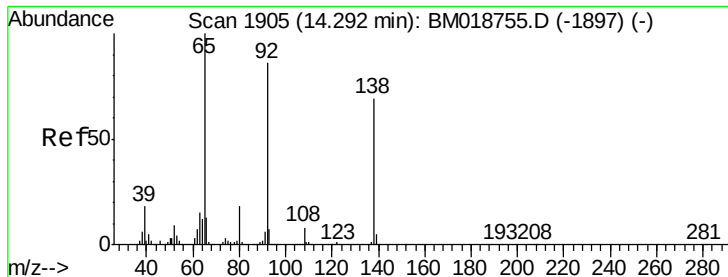
Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.0	48.9	73.3
89	64.4	49.4	74.0



#52
Acenaphthene
Concen: 27.925 ng
RT: 14.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.3	136.9
152	53.2	42.2	63.4





#53

3-Nitroaniline

Concen: 13.493 ng

RT: 14.26 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

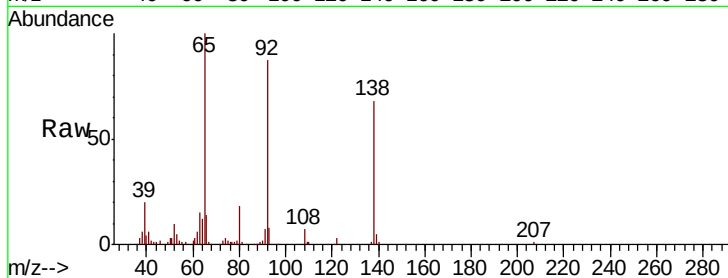
Tgt Ion:138 Resp: 117339

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

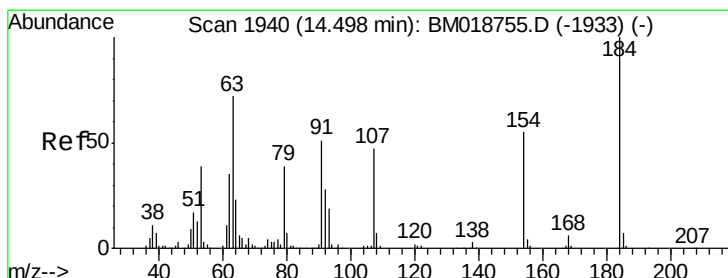
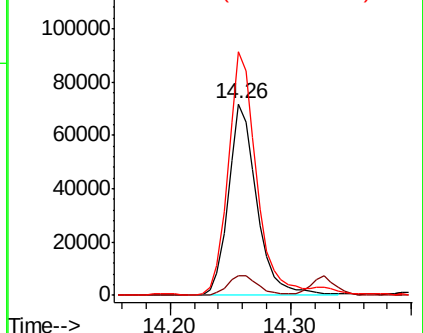
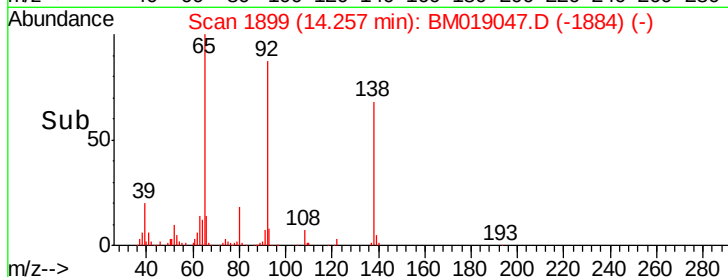
92 127.3 99.7 149.5



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: 49.058 ng

RT: 14.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

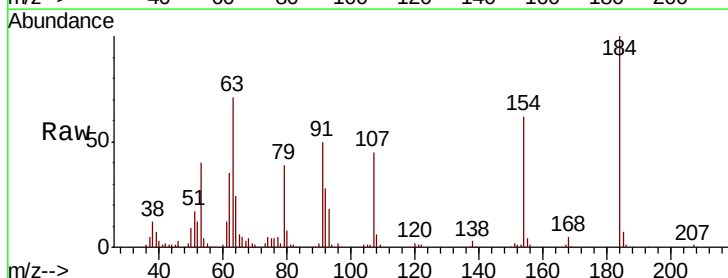
Tgt Ion:184 Resp: 227850

Ion Ratio Lower Upper

184 100

63 71.1 58.0 87.0

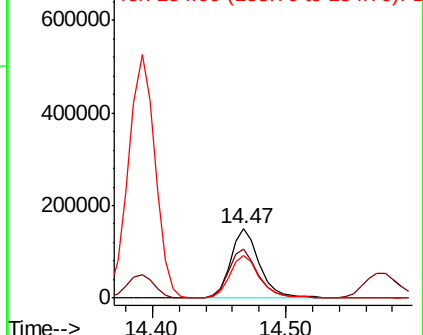
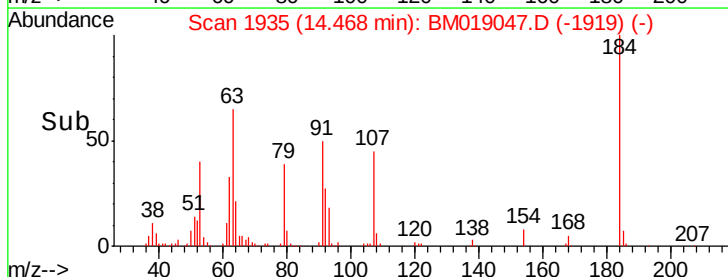
154 62.5 50.3 75.5

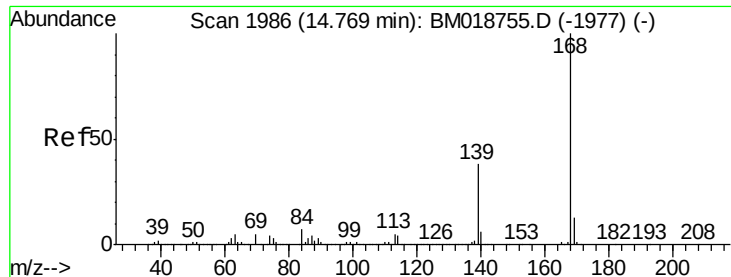


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

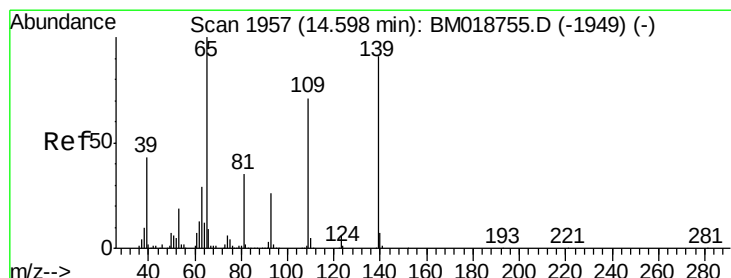
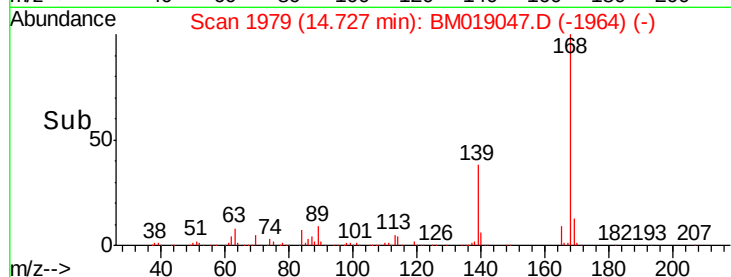
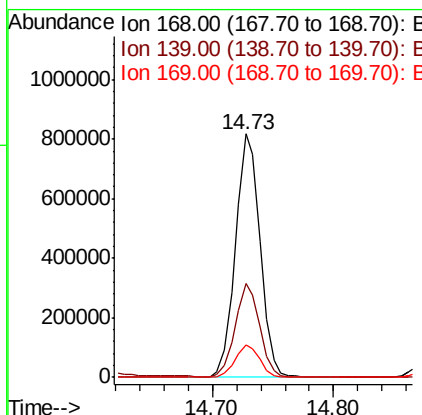
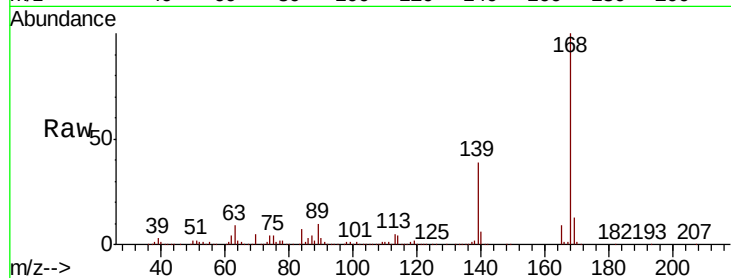




#55
Dibenzofuran
Concen: 27.300 ng
RT: 14.73 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

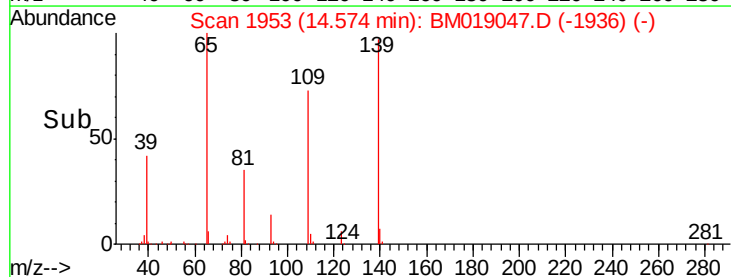
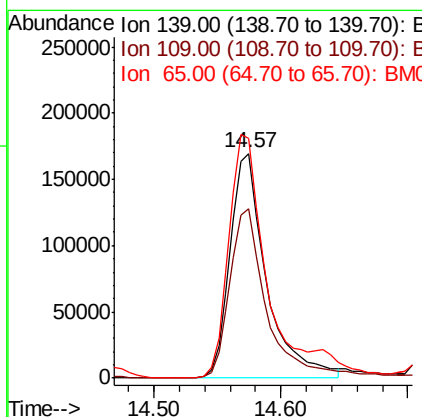
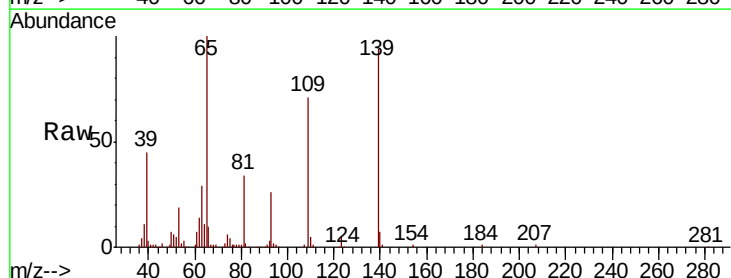
Instrument :
BNA_M
ClientSampleId :
SB-D-0-2MS

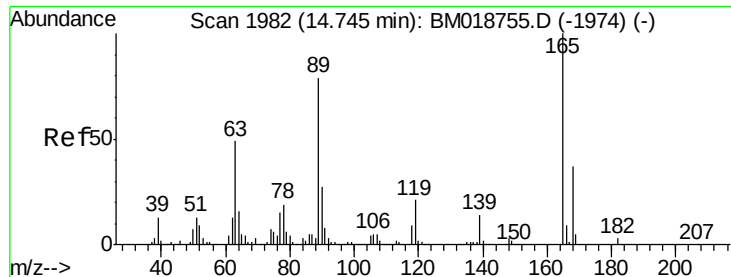
Tgt Ion:168 Resp: 1161229
Ion Ratio Lower Upper
168 100
139 38.6 30.7 46.1
169 13.3 10.3 15.5



#56
4-Nitrophenol
Concen: 48.487 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Tgt Ion:139 Resp: 336590
Ion Ratio Lower Upper
139 100
109 75.6 58.4 98.4
65 106.5 89.8 129.8

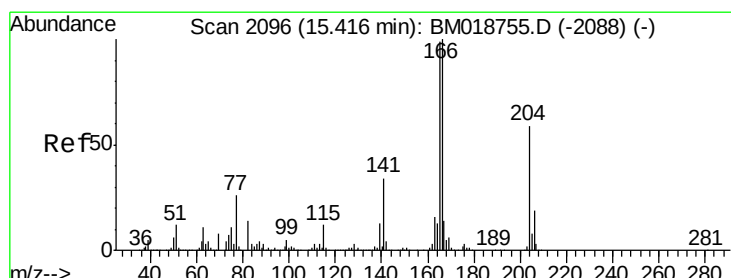
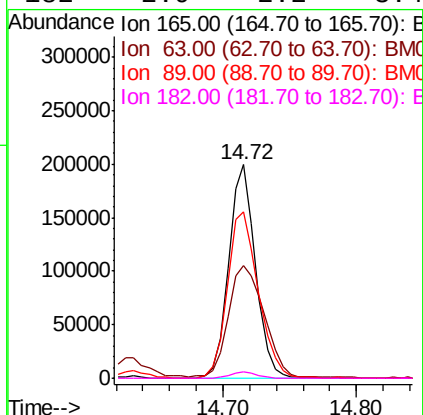
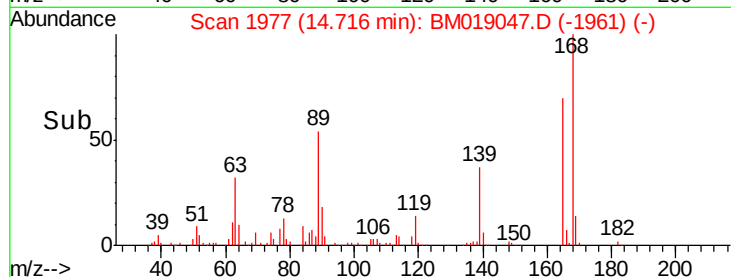
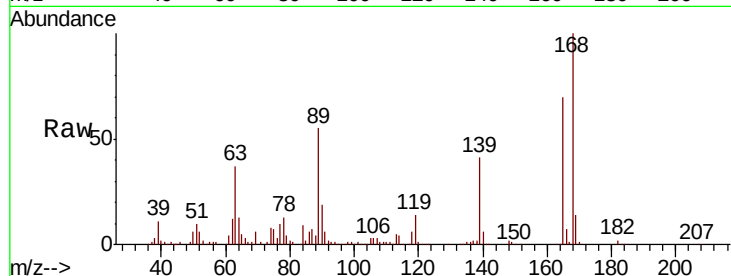




#57
 2,4-Dinitrotoluene
 Concen: 26.382 ng
 RT: 14.72 min Scan# 1977
 Delta R.T. -0.01 min
 Lab File: BM019047.D
 Acq: 05 Mar 2019 21:31

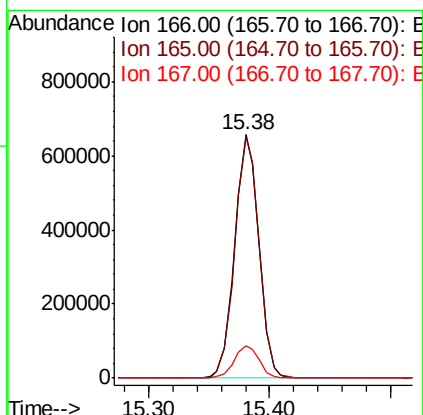
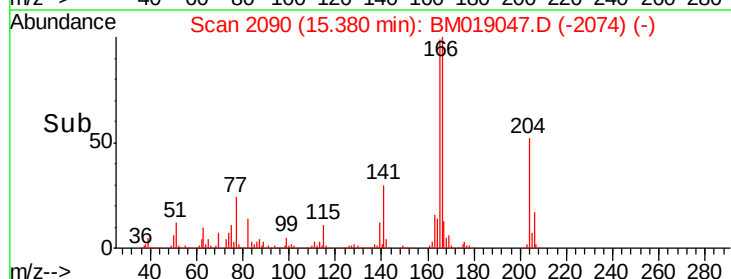
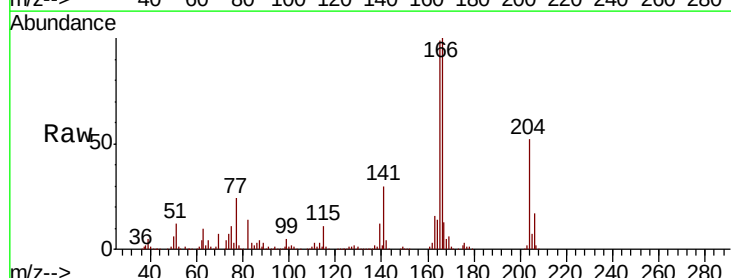
Instrument :
 BNA_M
 ClientSampleId :
 SB-D-0-2MS

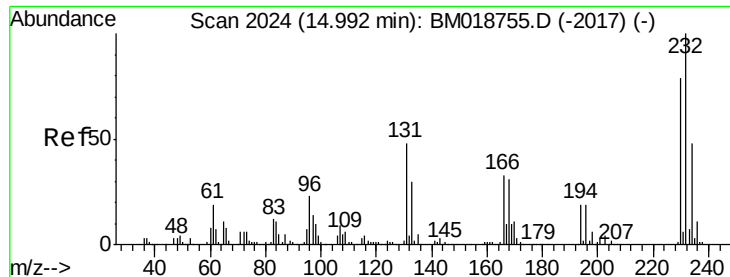
Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.9	39.6	59.4
89	78.2	63.5	95.3
182	2.9	2.2	3.4



#58
 Fluorene
 Concen: 28.159 ng
 RT: 15.38 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BM019047.D
 Acq: 05 Mar 2019 21:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.1	118.7
167	13.2	11.0	16.4

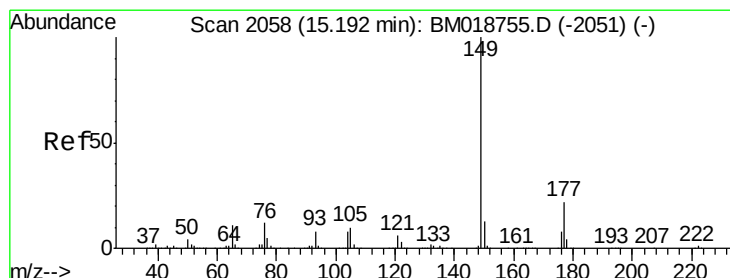
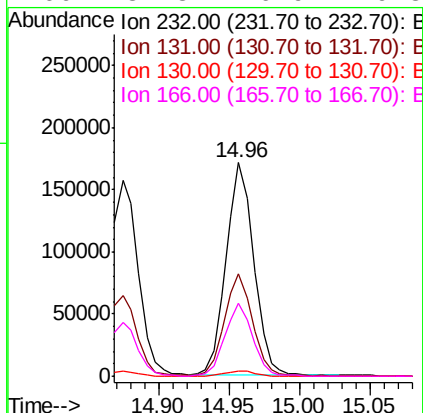
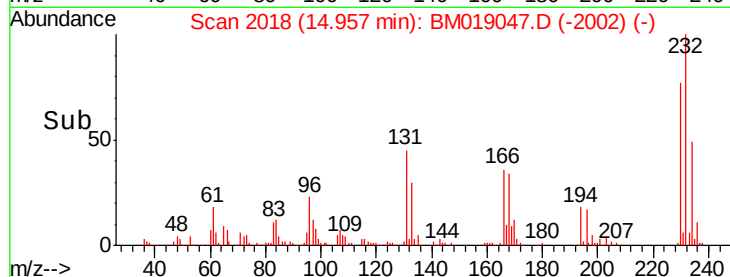
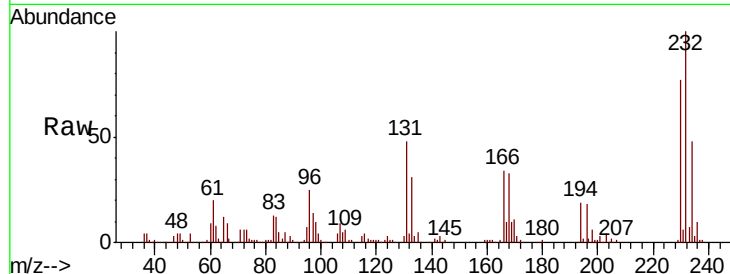




#59
2,3,4,6-Tetrachlorophenol
Concen: 28.223 ng
RT: 14.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

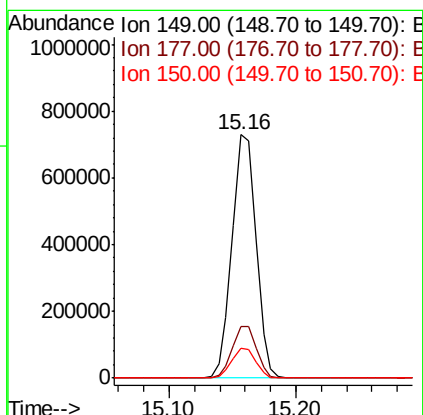
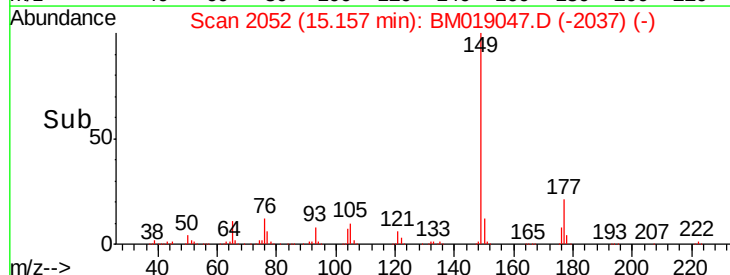
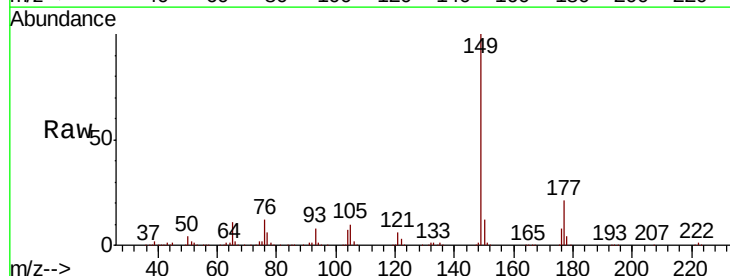
Instrument :
BNA_M
ClientSampleId :
SB-D-0-2MS

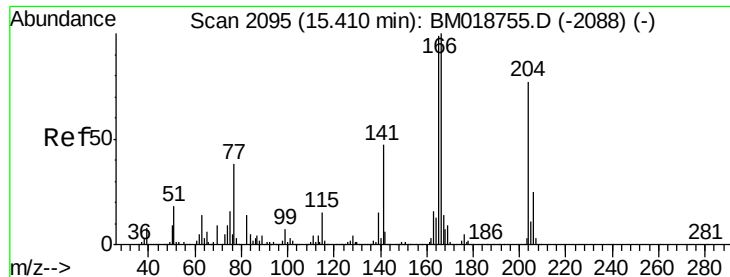
Tgt Ion:	232	Resp:	236061
Ion	Ratio	Lower	Upper
232	100		
131	47.6	38.6	57.8
130	2.5	2.0	3.0
166	34.3	26.9	40.3



#60
Diethylphthalate
Concen: 26.129 ng
RT: 15.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Tgt Ion:	149	Resp:	957611
Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.2	25.8
150	12.3	10.2	15.2

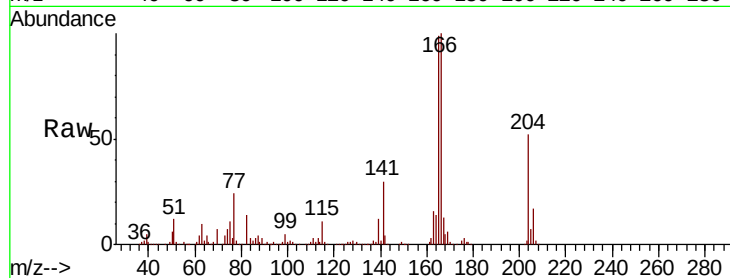




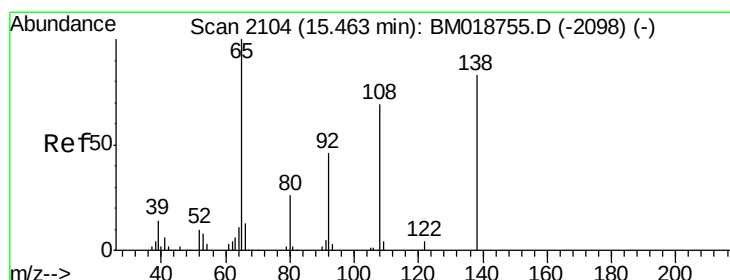
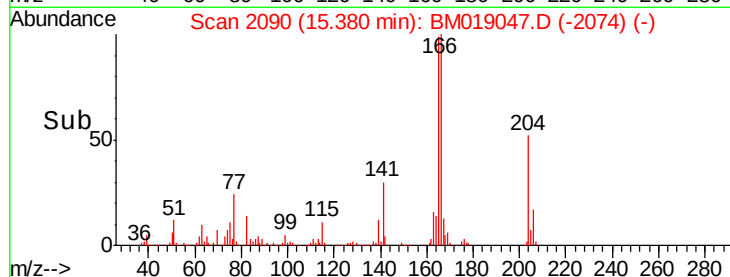
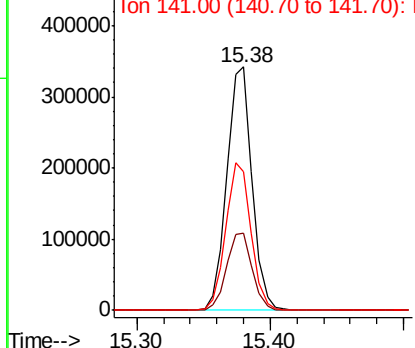
#61
4-Chlorophenyl-phenylether
Concen: 24.972 ng
RT: 15.38 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Instrument :
BNA_M
ClientSampleId :
SB-D-0-2MS

Tgt Ion:204 Resp: 455606
Ion Ratio Lower Upper
204 100
206 31.9 26.2 39.2
141 56.9 49.2 73.8

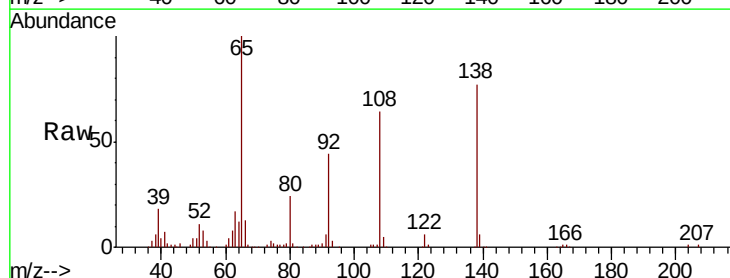


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

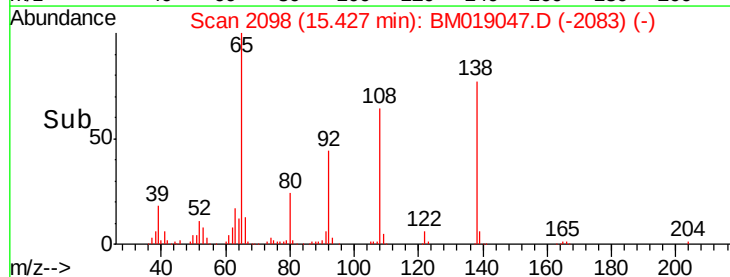
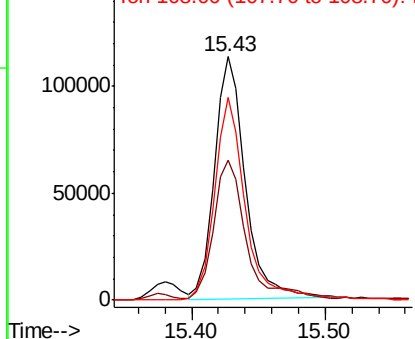


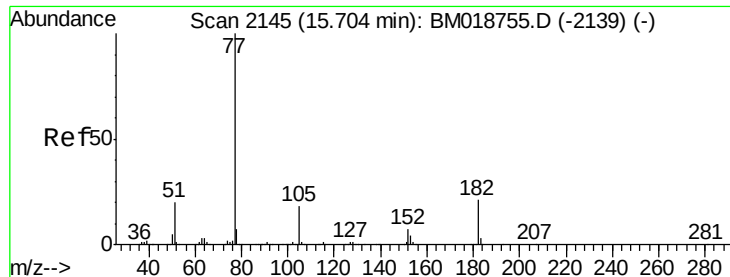
#62
4-Nitroaniline
Concen: 21.525 ng
RT: 15.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Tgt Ion:138 Resp: 183509
Ion Ratio Lower Upper
138 100
92 57.7 35.5 75.5
108 83.3 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: 26.086 ng

RT: 15.67 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

Tgt Ion: 77 Resp: 1025087

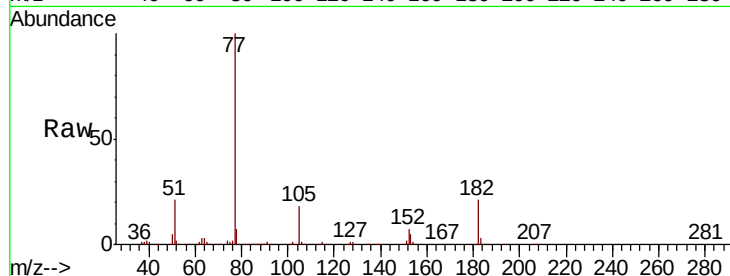
Ion Ratio Lower Upper

77 100

182 21.3 1.0 41.0

105 18.1 0.0 37.7

51 21.0 0.3 40.3

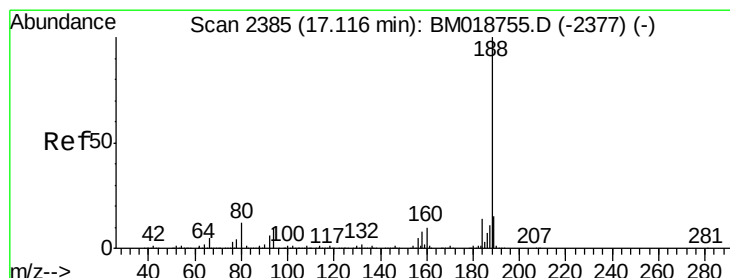
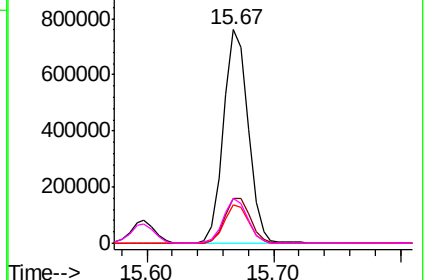
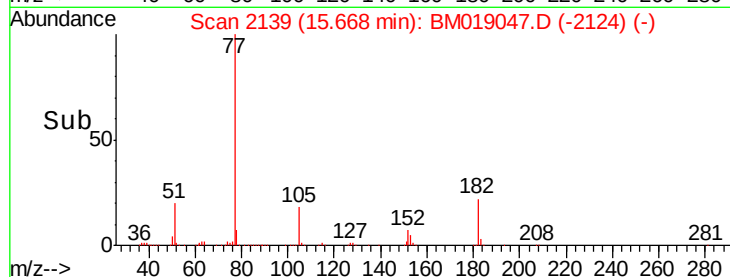


Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-2139) (-)

Ion 182.00 (181.70 to 182.70): BM018755.D (-2139) (-)

Ion 105.00 (104.70 to 105.70): BM018755.D (-2139) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-2139) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.08 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

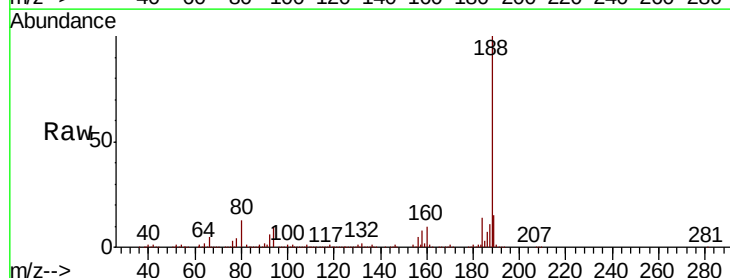
Tgt Ion: 188 Resp: 867967

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

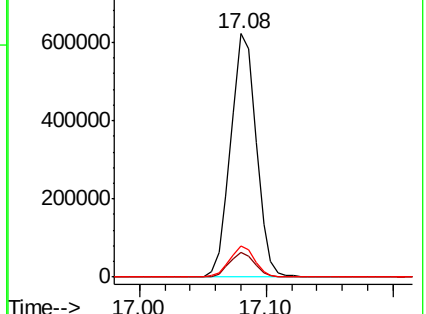
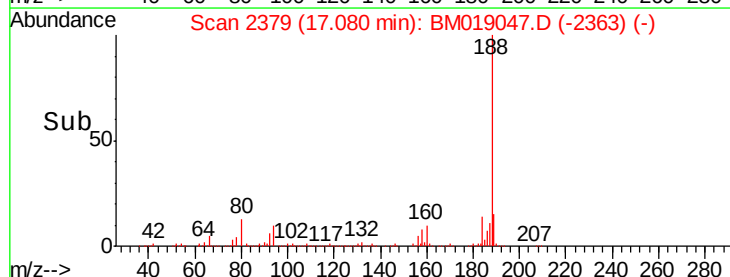
80 12.8 9.7 14.5

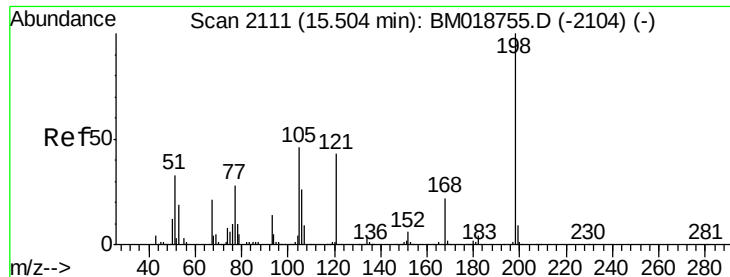


Abundance Ion 188.00 (187.70 to 188.70): BM018755.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM018755.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM018755.D (-2377) (-)

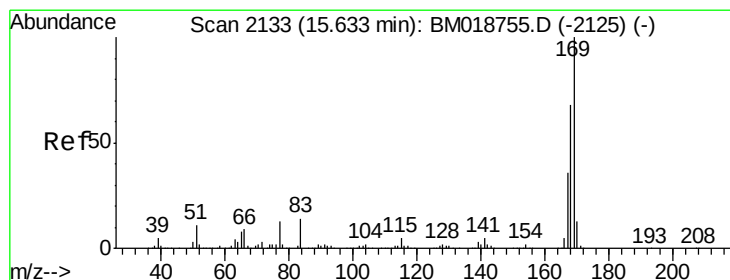
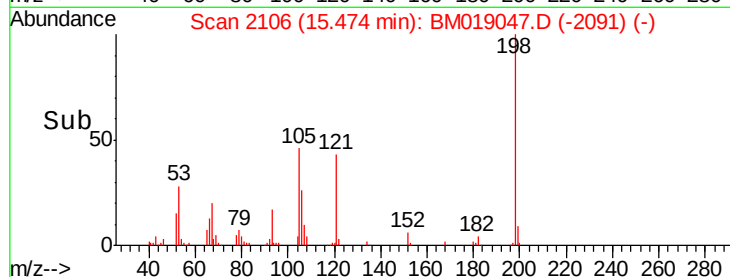
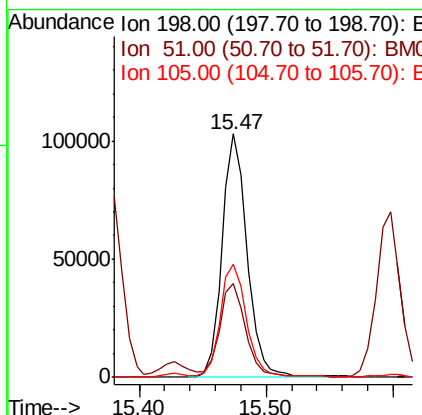
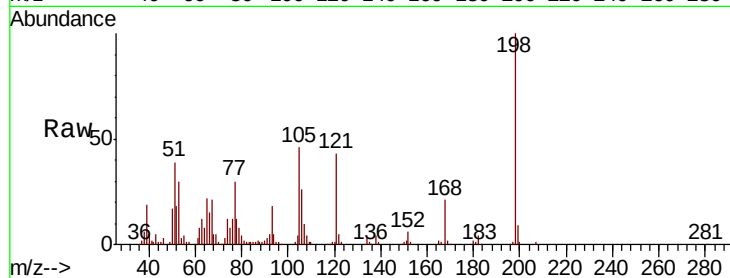




#65
4,6-Dinitro-2-methylphenol
Concen: 23.288 ng
RT: 15.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

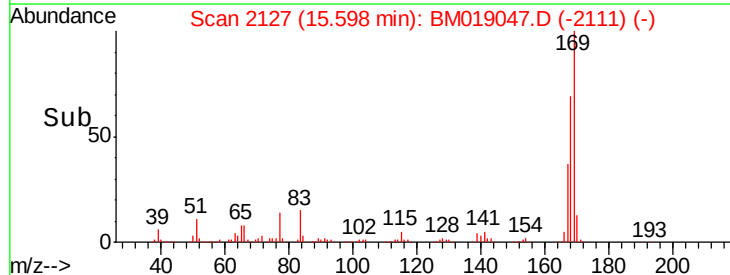
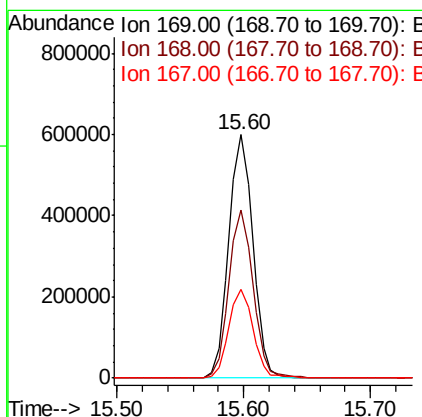
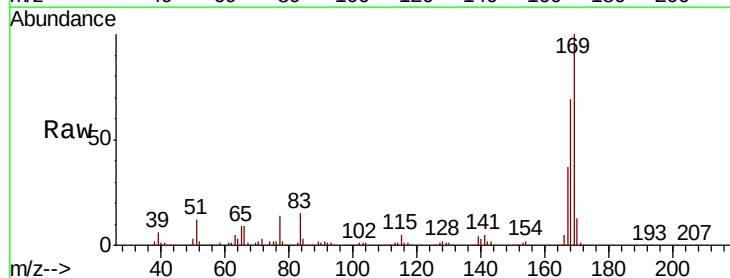
Instrument :
BNA_M
ClientSampleId :
SB-D-0-2MS

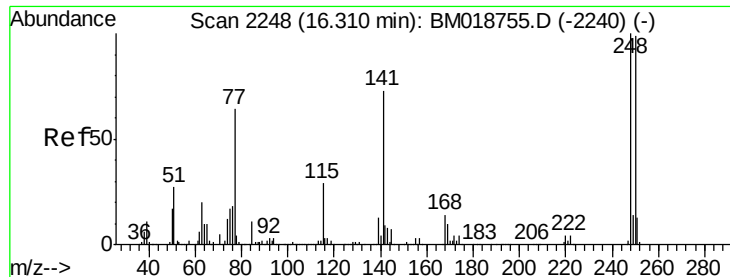
Tgt Ion:198 Resp: 141920
Ion Ratio Lower Upper
198 100
51 38.8 18.4 58.4
105 46.3 27.2 67.2



#66
n-Nitrosodiphenylamine
Concen: 28.839 ng
RT: 15.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Tgt Ion:169 Resp: 790840
Ion Ratio Lower Upper
169 100
168 68.8 54.4 81.6
167 36.7 29.0 43.6

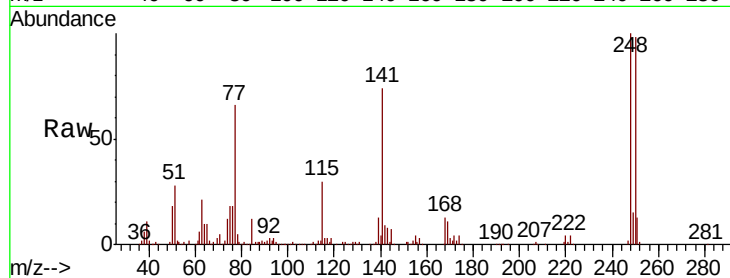




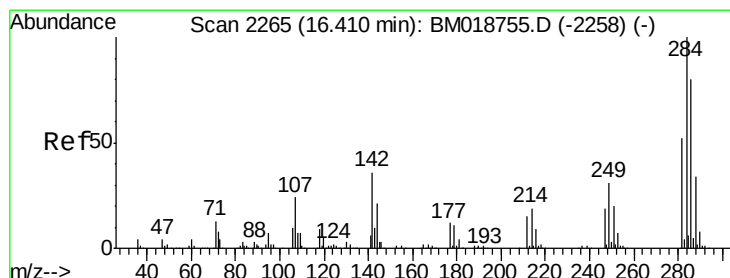
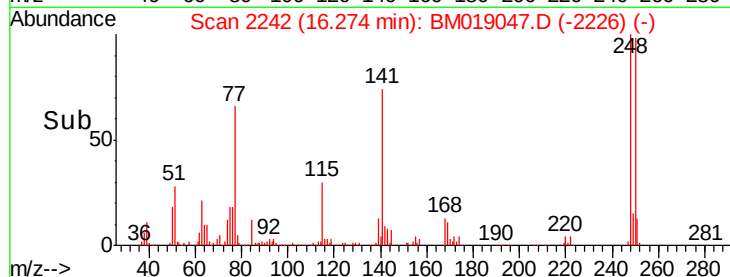
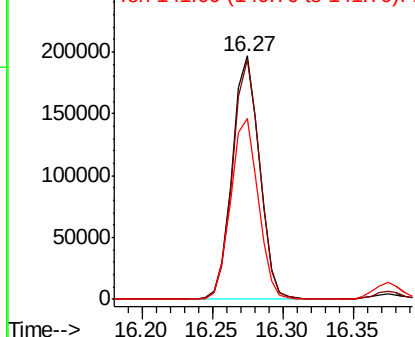
#67
4-Bromophenyl-phenylether
Concen: 27.332 ng
RT: 16.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Instrument :
BNA_M
ClientSampleID :
SB-D-0-2MS

Tgt Ion: 248 Resp: 265544
Ion Ratio Lower Upper
248 100
250 98.3 79.0 118.6
141 74.3 58.6 88.0

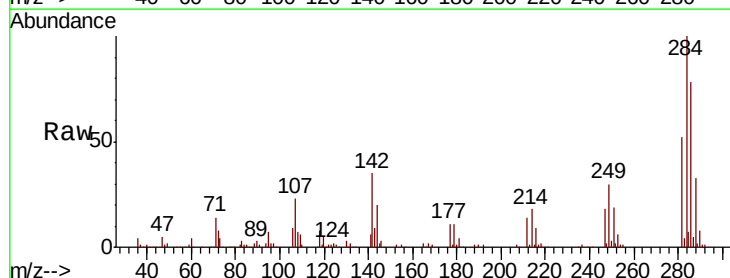


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

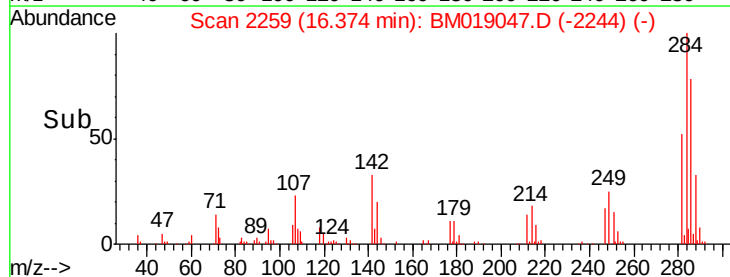
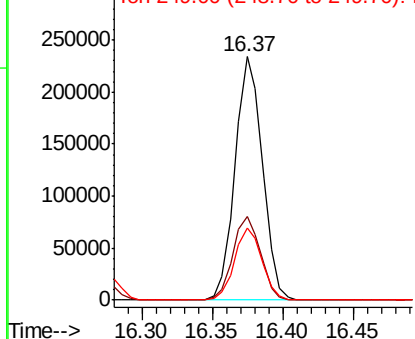


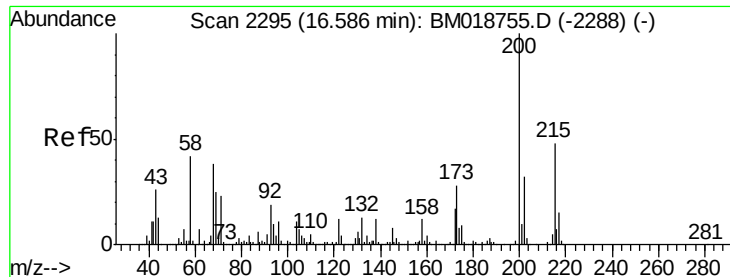
#68
Hexachlorobenzene
Concen: 28.018 ng
RT: 16.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Tgt Ion: 284 Resp: 316396
Ion Ratio Lower Upper
284 100
142 34.5 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: 28.883 ng

RT: 16.55 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

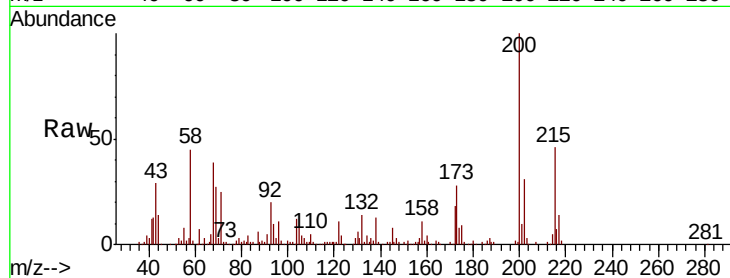
Tgt Ion:200 Resp: 255342

Ion Ratio Lower Upper

200 100

173 27.8 7.6 47.6

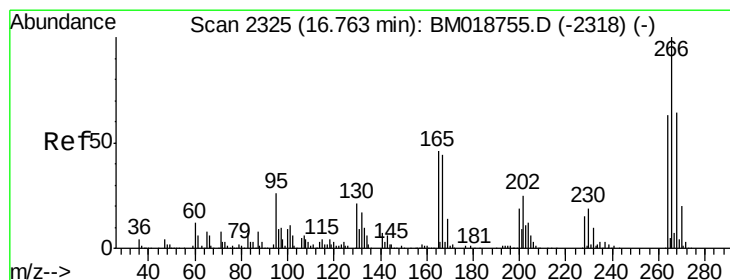
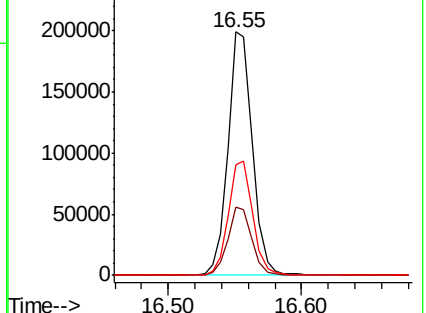
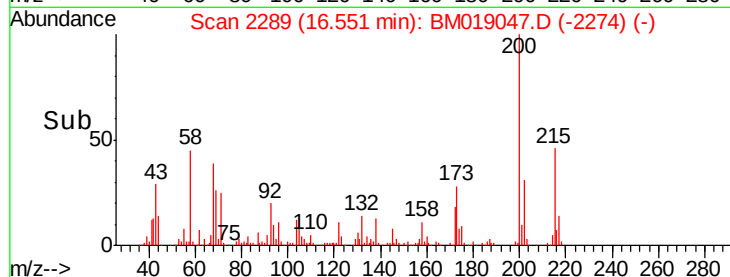
215 45.6 27.6 67.6



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: 49.607 ng

RT: 16.73 min Scan# 2319

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

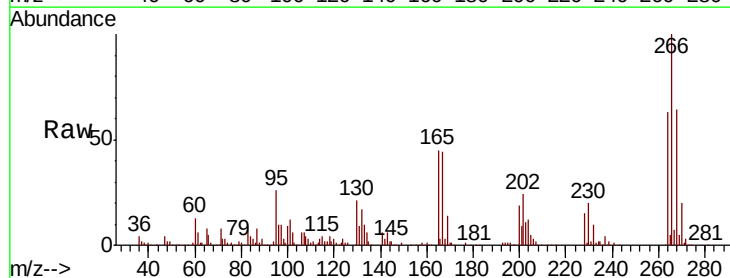
Tgt Ion:266 Resp: 360701

Ion Ratio Lower Upper

266 100

268 64.1 51.3 76.9

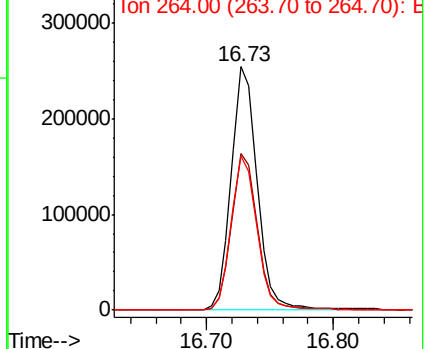
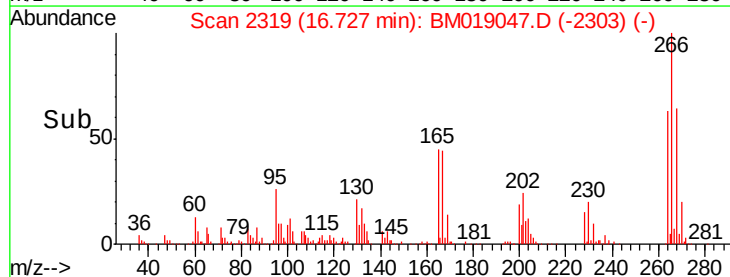
264 63.4 50.6 75.8

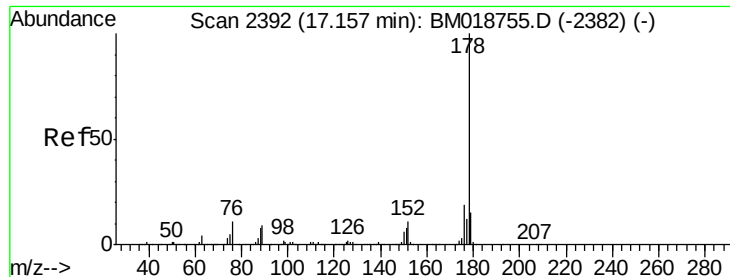


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

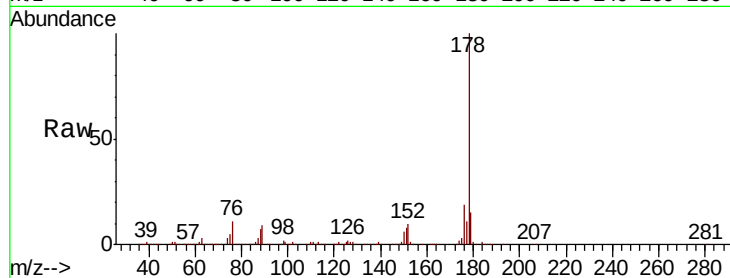




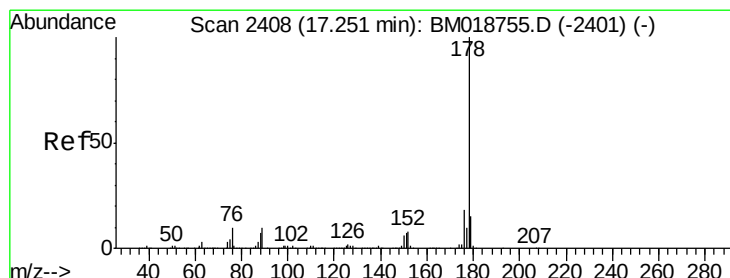
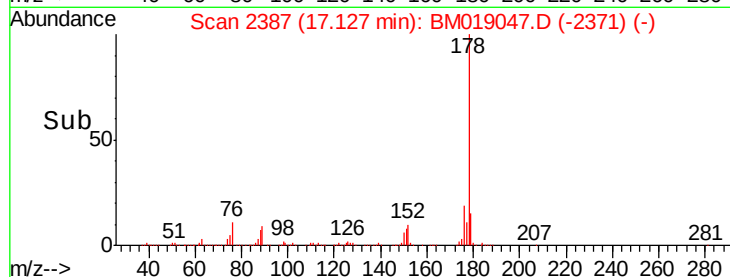
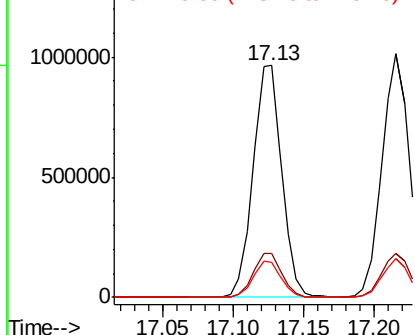
#71
Phenanthrene
Concen: 29.724 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Instrument :
BNA_M
ClientSampleId :
SB-D-0-2MS

Tgt Ion:178 Resp: 1386523
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.2 12.3 18.5

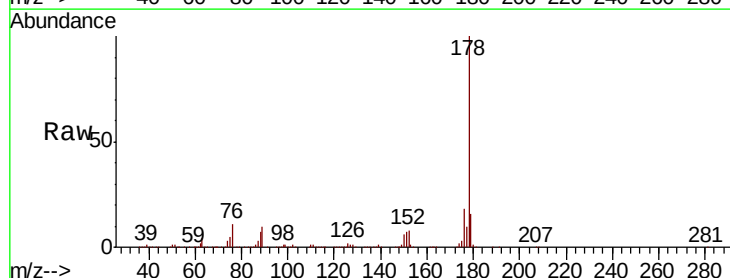


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

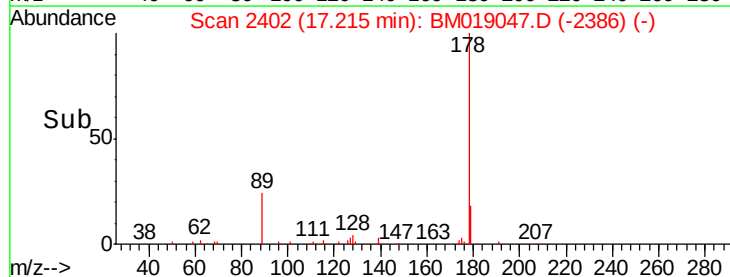
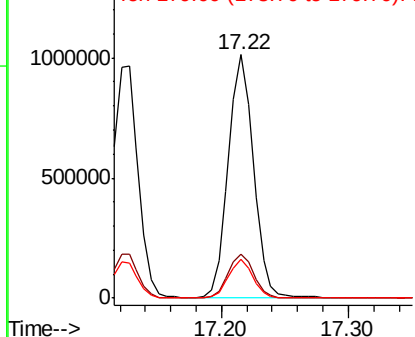


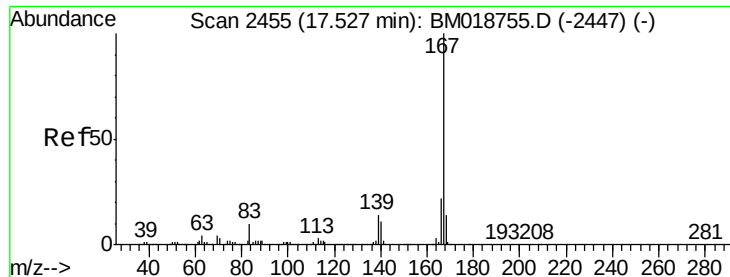
#72
Anthracene
Concen: 30.670 ng
RT: 17.22 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BM019047.D
Acq: 05 Mar 2019 21:31

Tgt Ion:178 Resp: 1392481
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 15.8 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

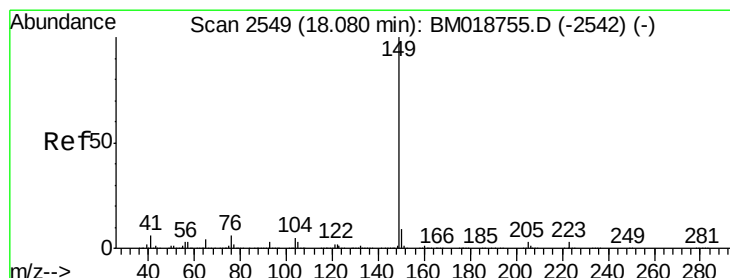
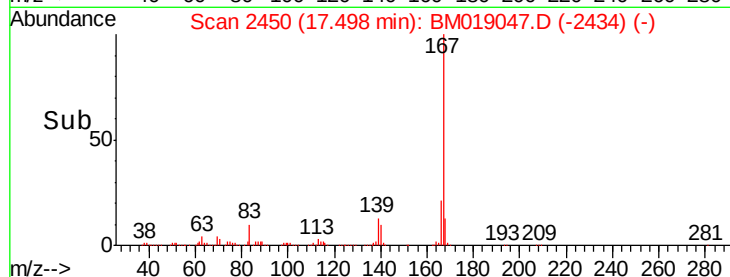
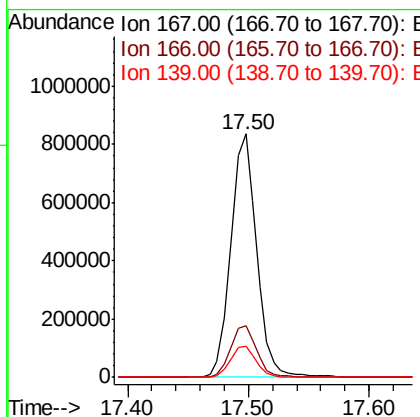
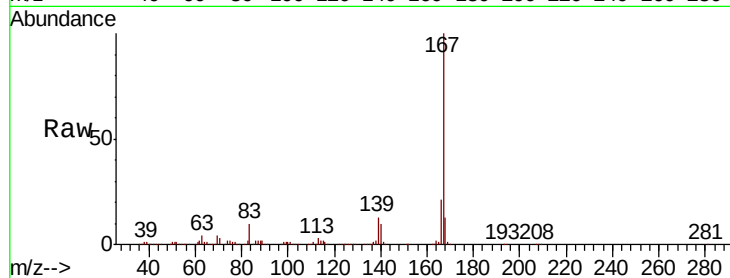




#73
 Carbazole
 Concen: 26.372 ng
 RT: 17.50 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BM019047.D
 Acq: 05 Mar 2019 21:31

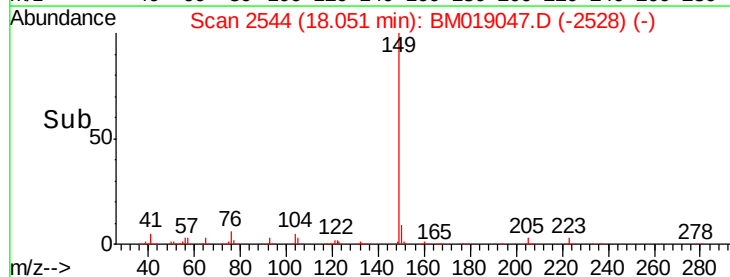
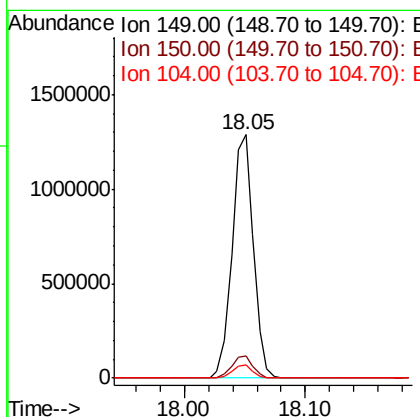
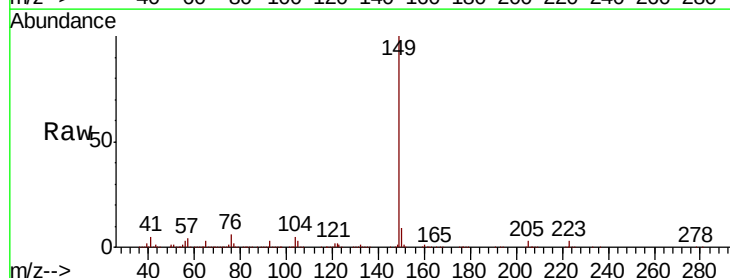
Instrument :
 BNA_M
 ClientSampleId :
 SB-D-0-2MS

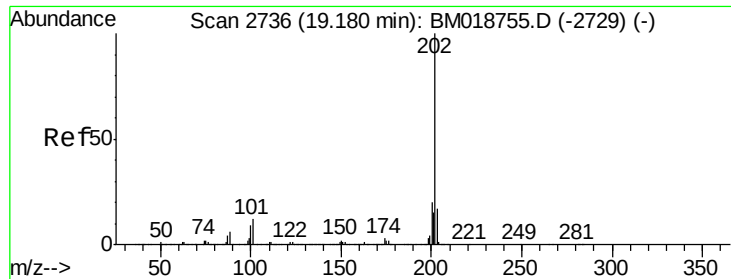
Tgt Ion:167 Resp: 1250924
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.7 26.5
 139 13.0 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 28.946 ng
 RT: 18.05 min Scan# 2544
 Delta R.T. -0.01 min
 Lab File: BM019047.D
 Acq: 05 Mar 2019 21:31

Tgt Ion:149 Resp: 1579067
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 5.2 4.3 6.5





#75

Fluoranthene

Concen: 28.220 ng

RT: 19.14 min Scan# 2730

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

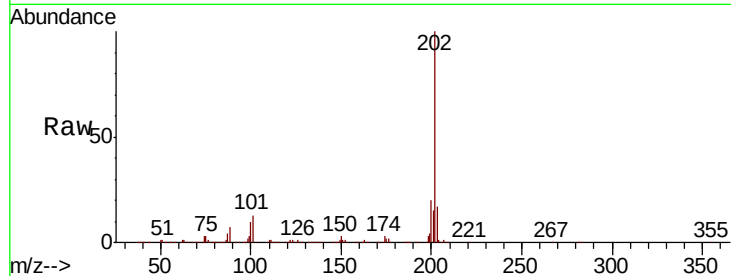
Tgt Ion:202 Resp: 1520543

Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.5

203 17.0 0.0 37.3

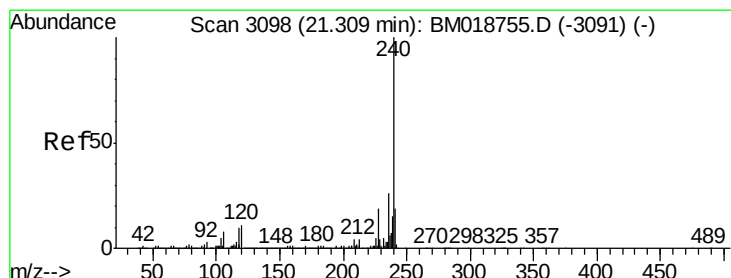
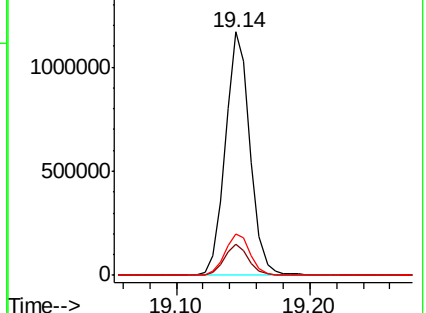
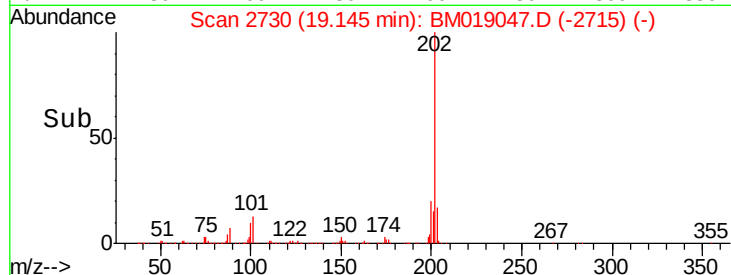


Abundance

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: BM019047.D

Acq: 05 Mar 2019 21:31

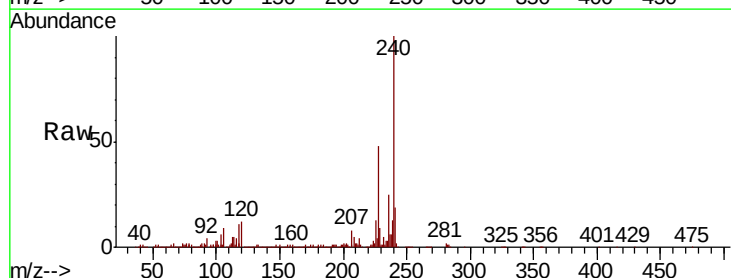
Tgt Ion:240 Resp: 895565

Ion Ratio Lower Upper

240 100

120 12.1 8.9 13.3

236 25.5 20.9 31.3

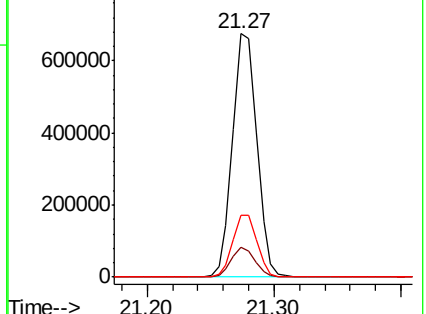
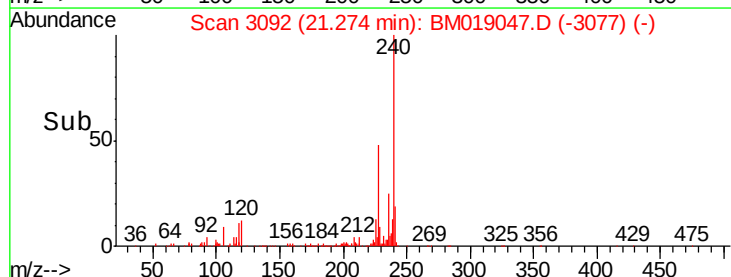


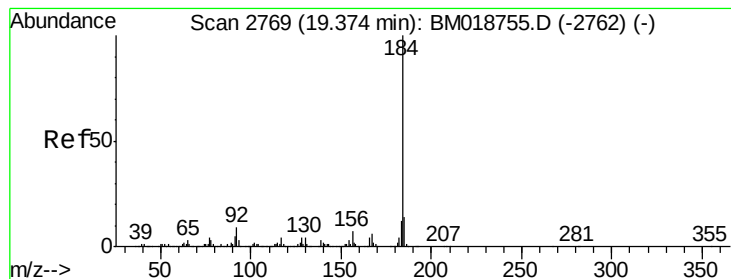
Abundance

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: 30.031 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

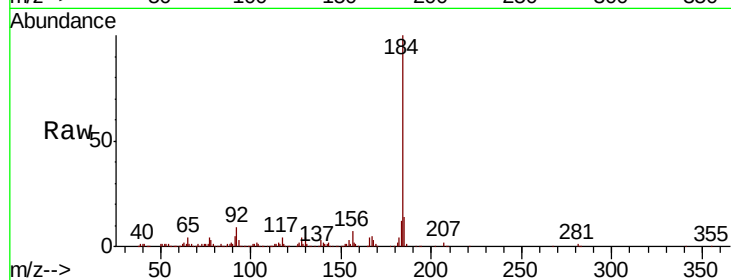
Tgt Ion:184 Resp: 605708

Ion Ratio Lower Upper

184 100

185 13.9 11.2 16.8

183 11.8 9.7 14.5

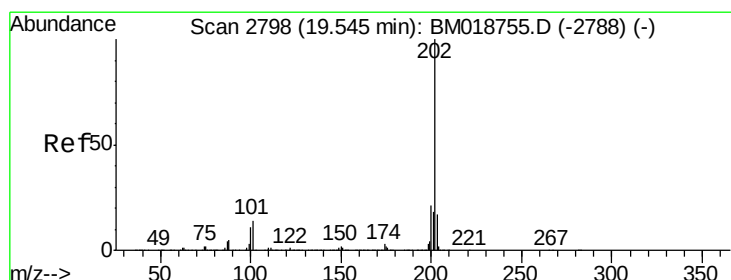
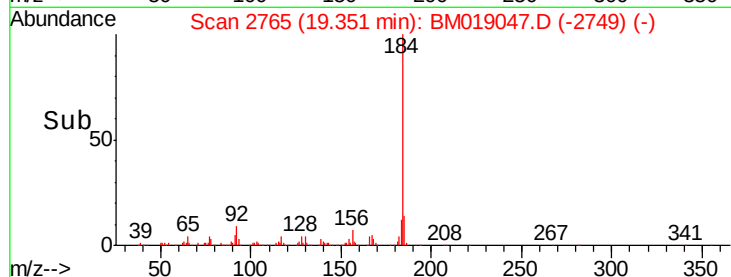
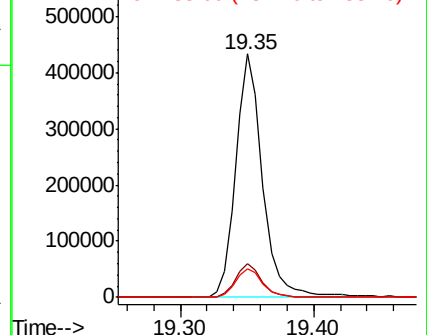


Abundance

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: 30.101 ng

RT: 19.51 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

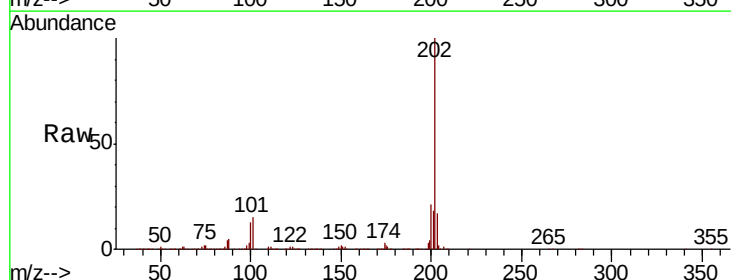
Tgt Ion:202 Resp: 1565673

Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

203 17.4 13.8 20.8

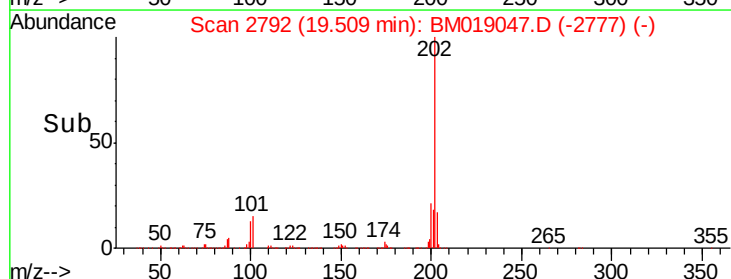
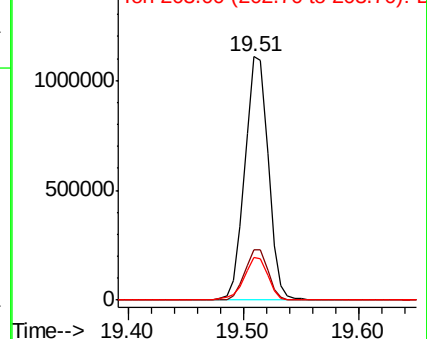


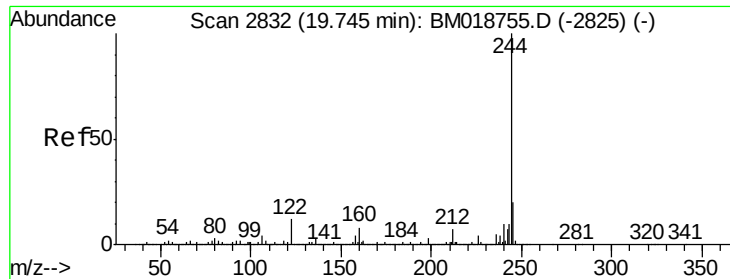
Abundance

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: 56.869 ng

RT: 19.72 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

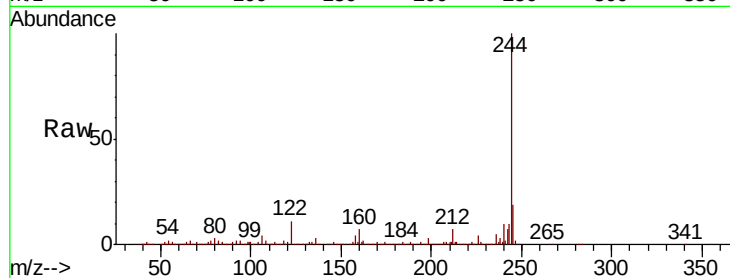
Tgt Ion:244 Resp: 2468844

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

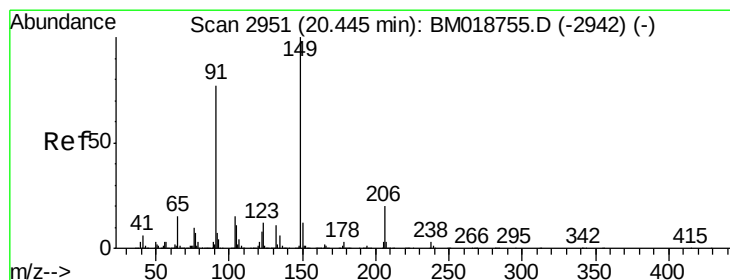
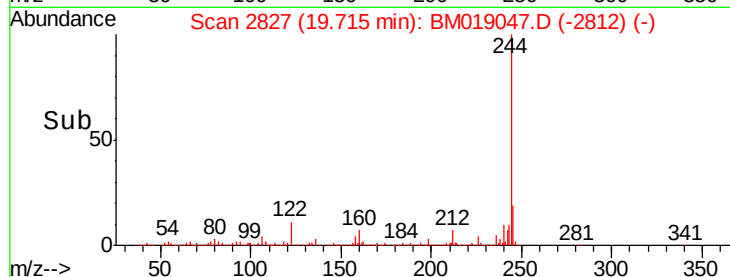
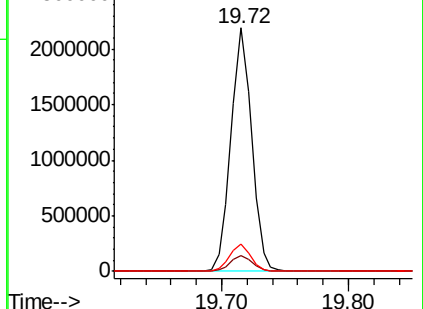
122 11.1 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 29.880 ng

RT: 20.42 min Scan# 2946

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

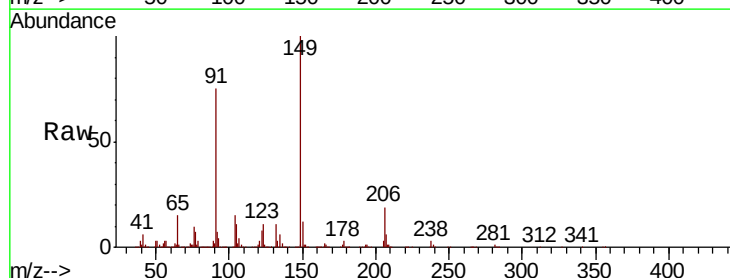
Tgt Ion:149 Resp: 708283

Ion Ratio Lower Upper

149 100

91 74.8 61.4 92.0

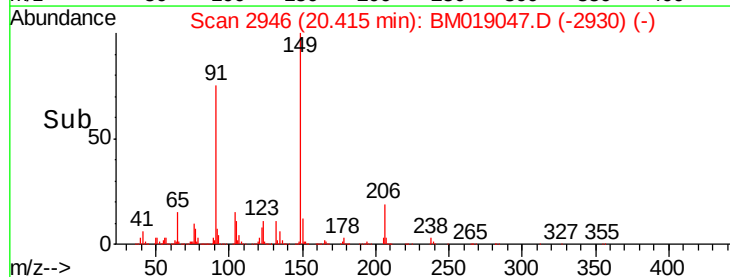
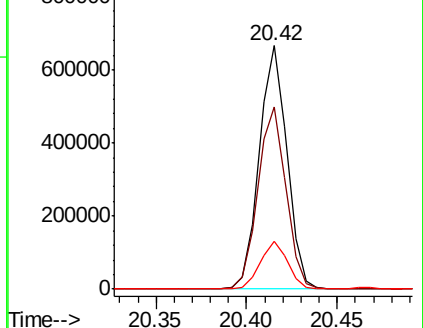
206 19.5 15.8 23.8

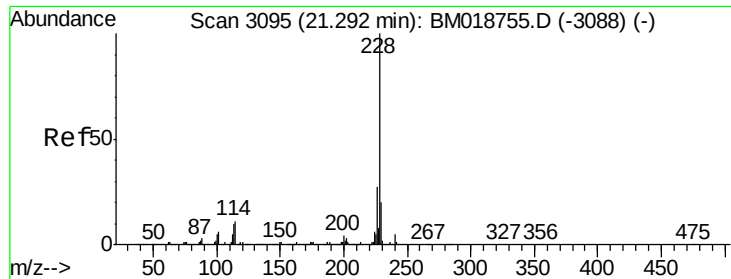


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 28.683 ng

RT: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

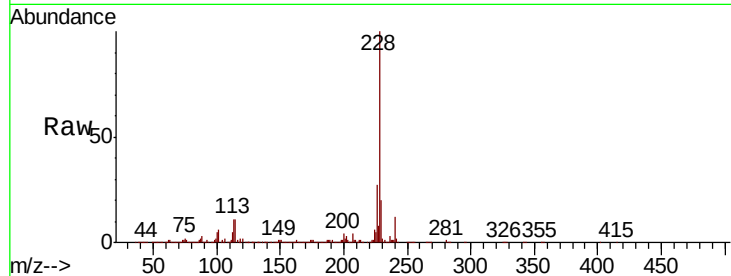
Tgt Ion:228 Resp: 1497390

Ion Ratio Lower Upper

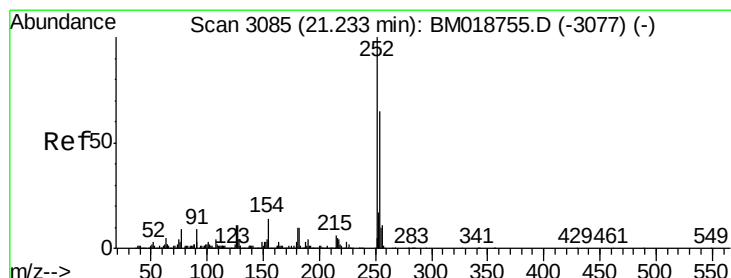
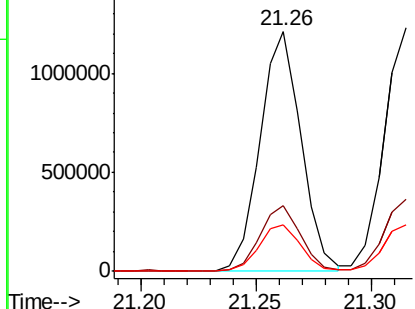
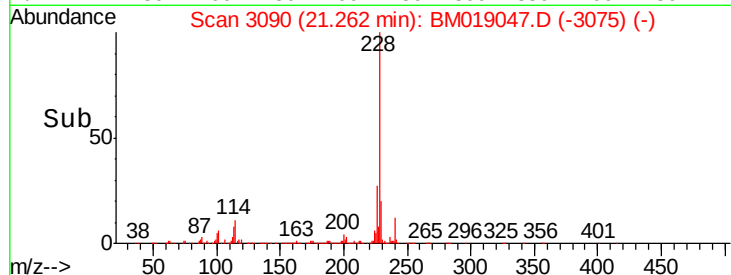
228 100

226 27.3 21.9 32.9

229 19.5 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: 22.761 ng

RT: 21.20 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

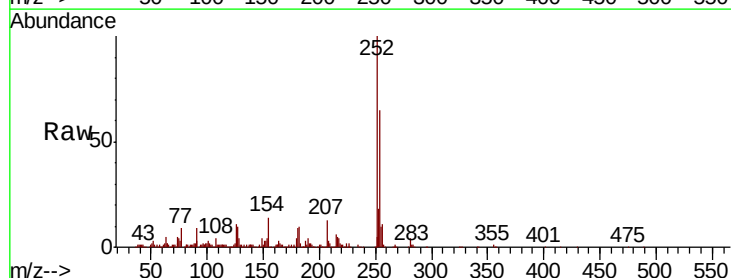
Tgt Ion:252 Resp: 469593

Ion Ratio Lower Upper

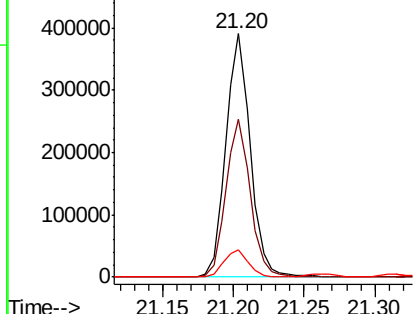
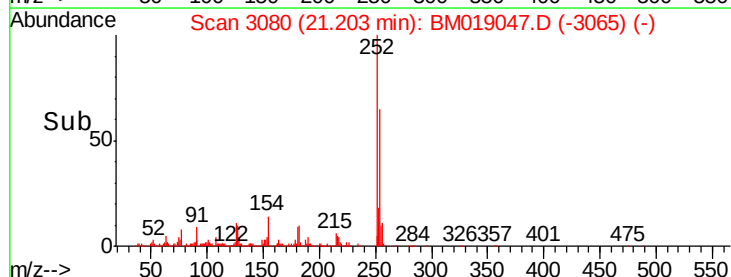
252 100

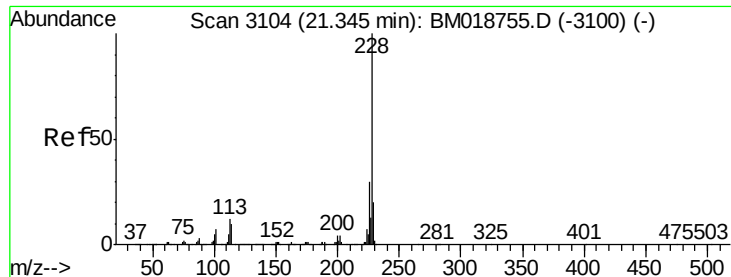
254 64.9 51.8 77.8

126 11.1 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: 29.067 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

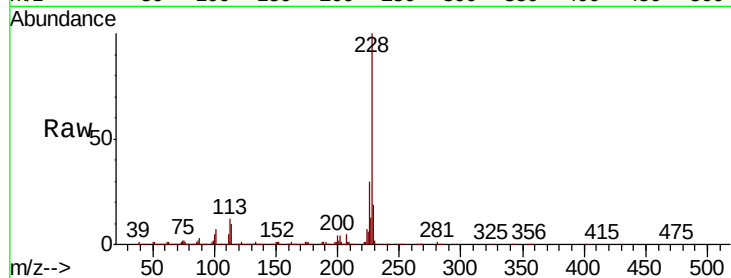
Tgt Ion:228 Resp: 1454400

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

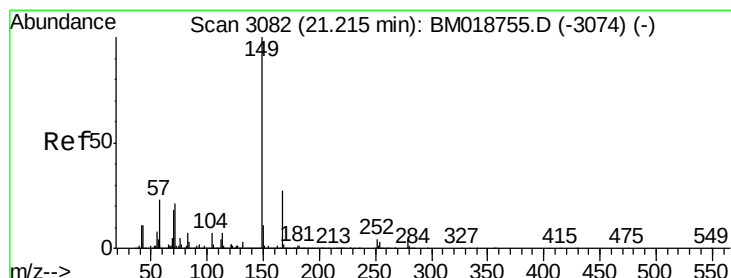
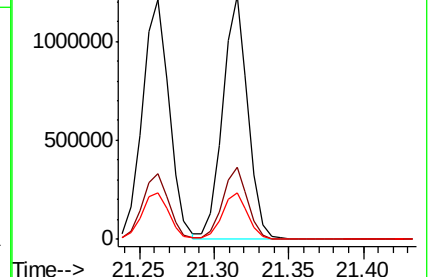
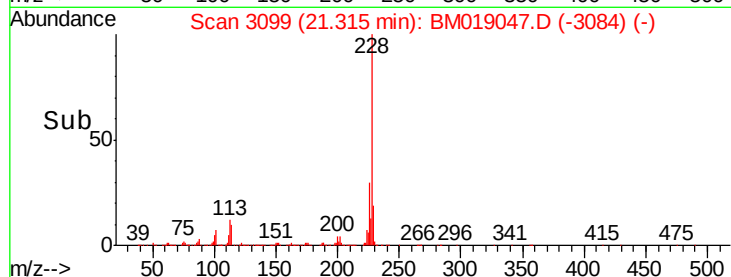
229 19.1 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 29.314 ng

RT: 21.19 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

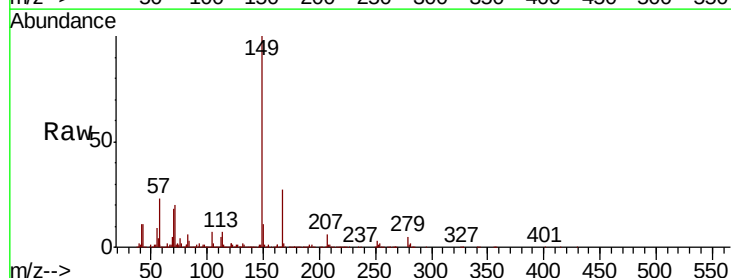
Tgt Ion:149 Resp: 1017029

Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.6

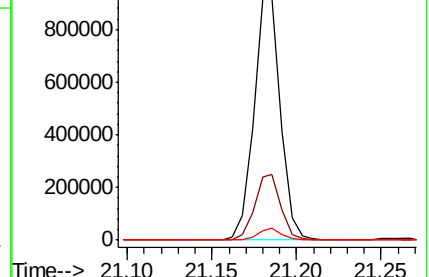
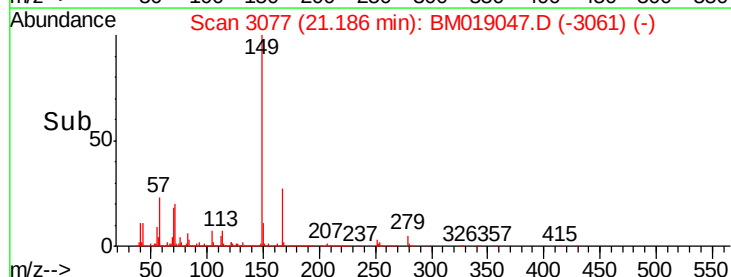
279 4.7 3.6 5.4

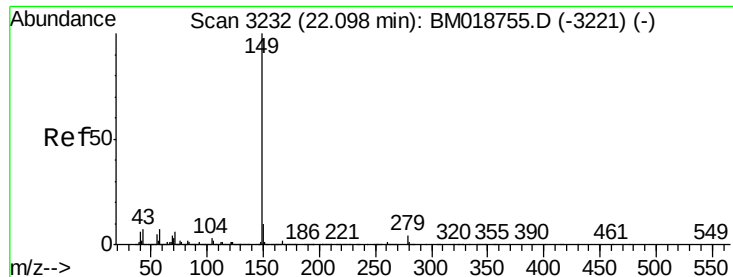


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 30.028 ng

RT: 22.06 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

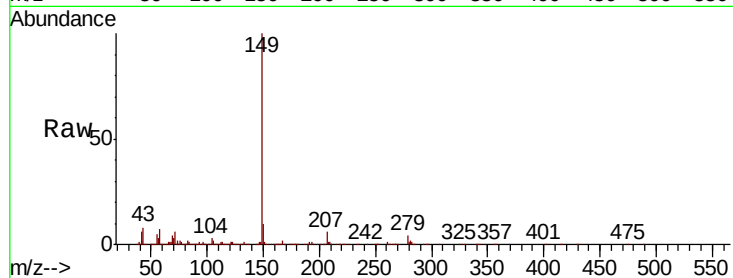
Tgt Ion:149 Resp: 1750958

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

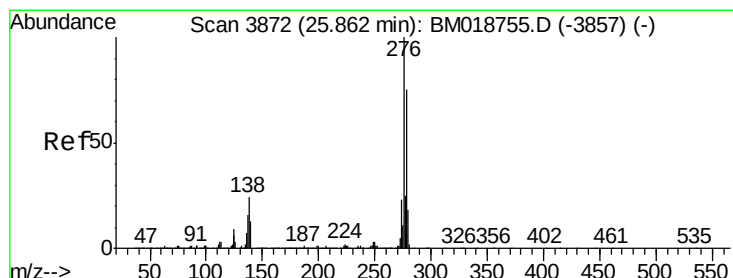
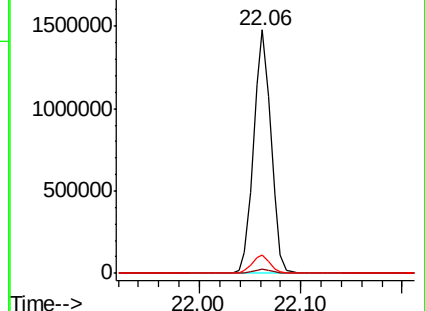
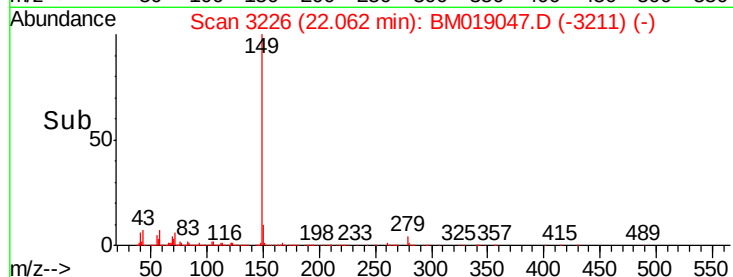
43 7.6 6.0 9.0



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): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.293 ng

RT: 25.80 min Scan# 3861

Delta R.T. -0.02 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

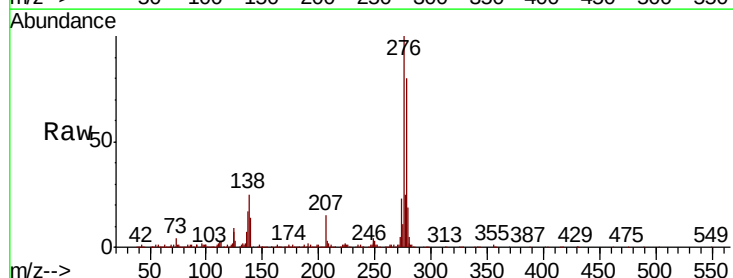
Tgt Ion:276 Resp: 2154415

Ion Ratio Lower Upper

276 100

138 25.4 20.2 30.4

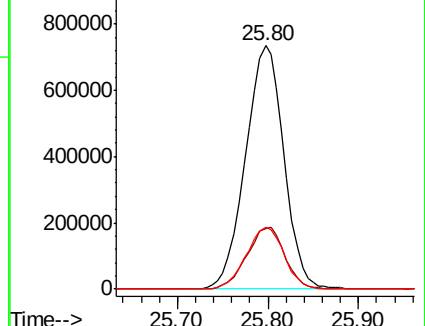
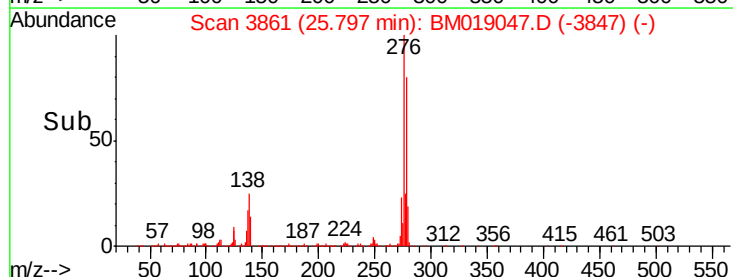
277 25.5 20.3 30.5

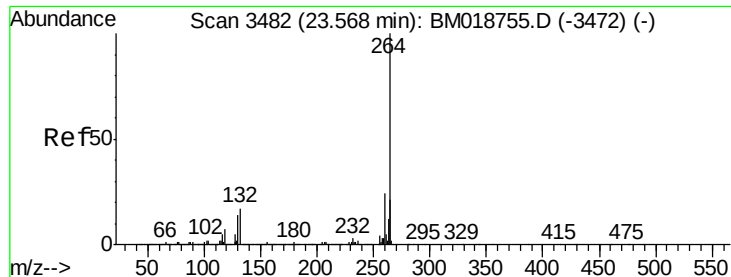


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.52 min Scan# 3474

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

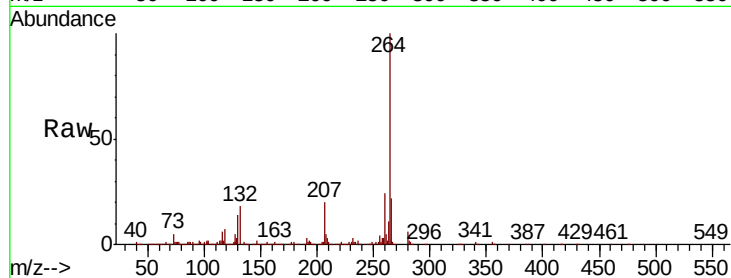
Tgt Ion:264 Resp: 993002

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

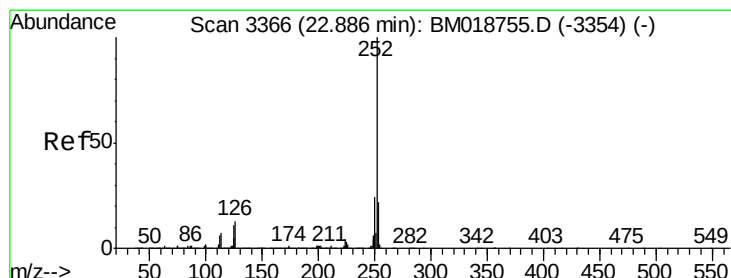
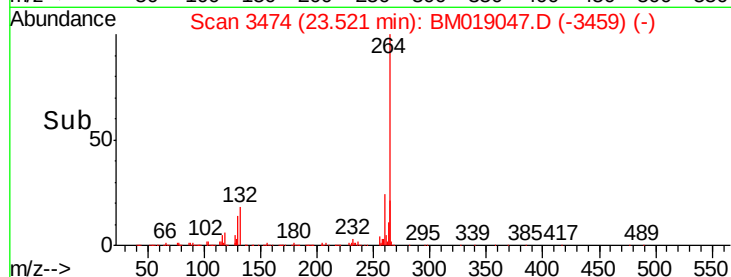
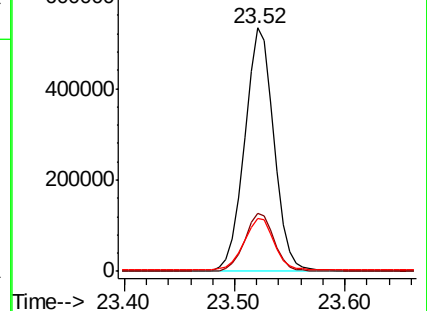
265 21.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 29.662 ng

RT: 22.84 min Scan# 3359

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

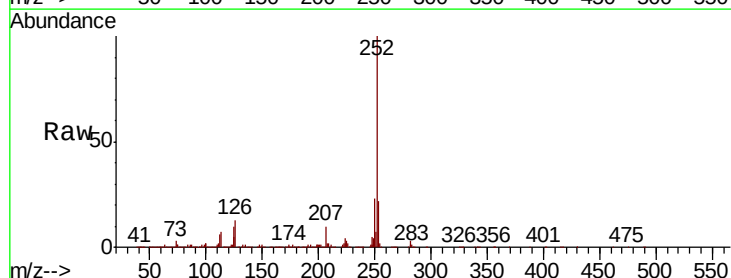
Tgt Ion:252 Resp: 1685172

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

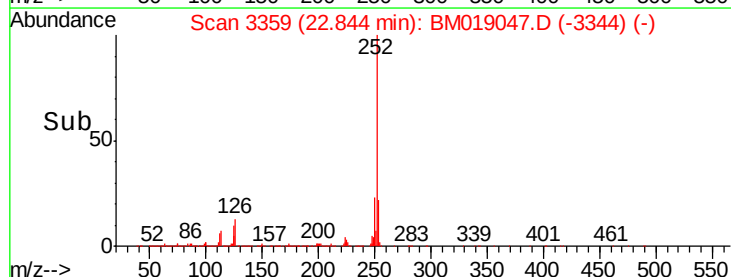
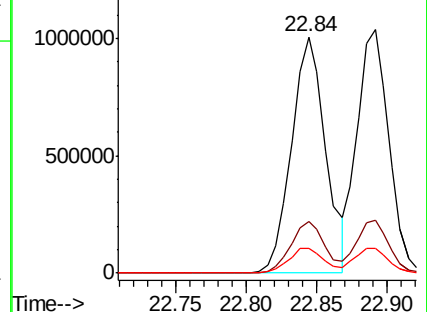
125 10.4 8.6 12.8

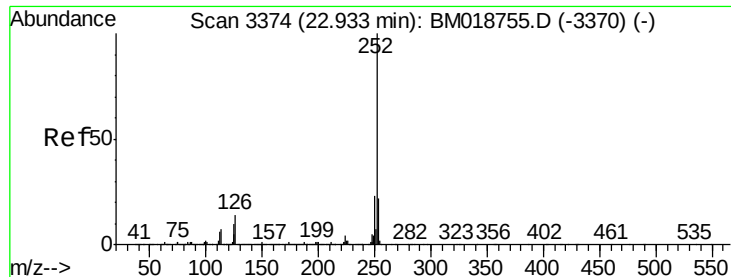


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 28.519 ng

RT: 22.89 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

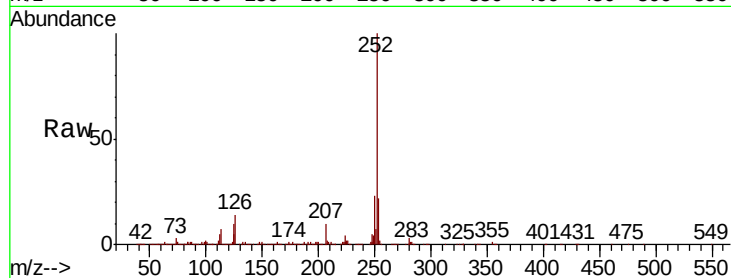
Tgt Ion:252 Resp: 1613080

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

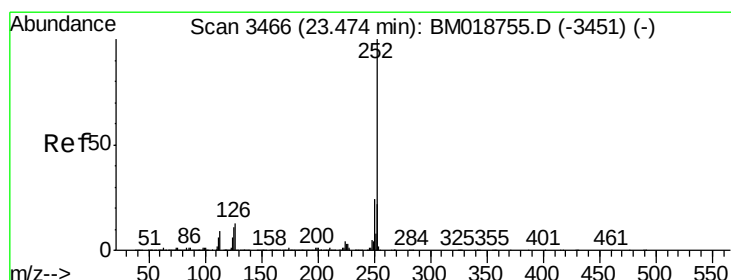
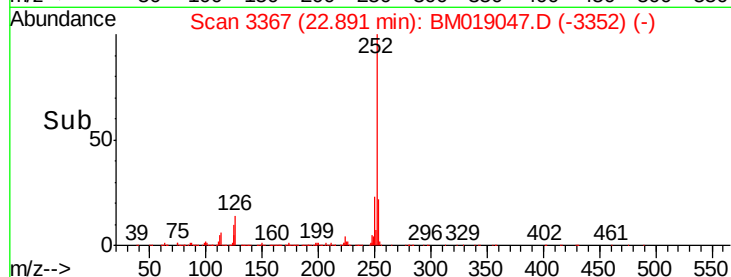
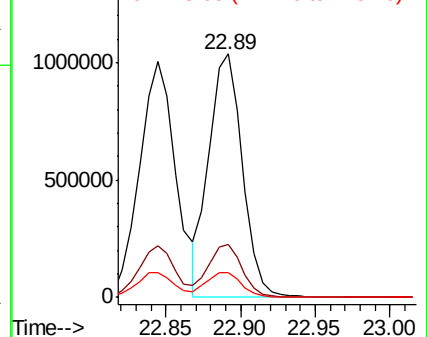
125 10.2 8.2 12.4



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: 30.157 ng

RT: 23.43 min Scan# 3458

Delta R.T. -0.01 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

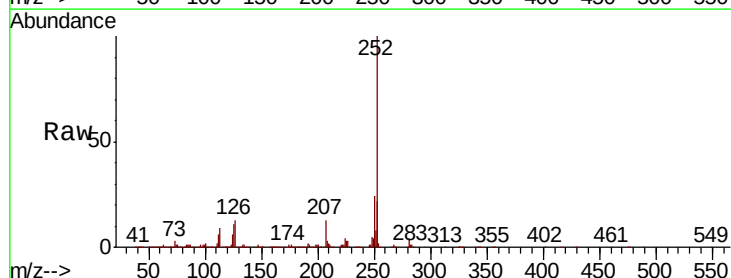
Tgt Ion:252 Resp: 1623055

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

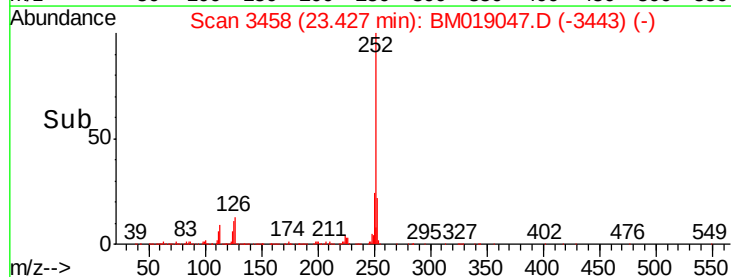
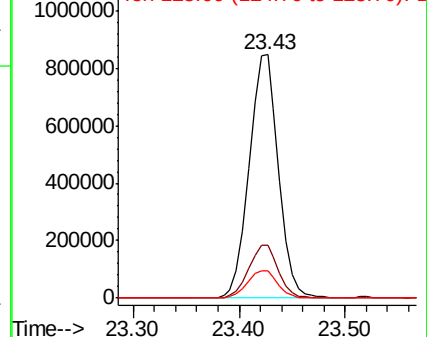
125 11.1 8.6 13.0

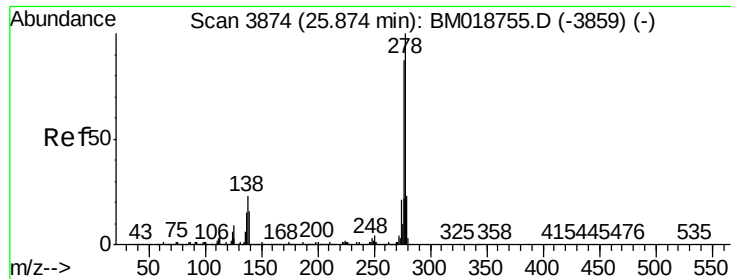


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 34.313 ng

RT: 25.81 min Scan# 3863

Delta R.T. -0.02 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

Instrument :

BNA_M

ClientSampleId :

SB-D-0-2MS

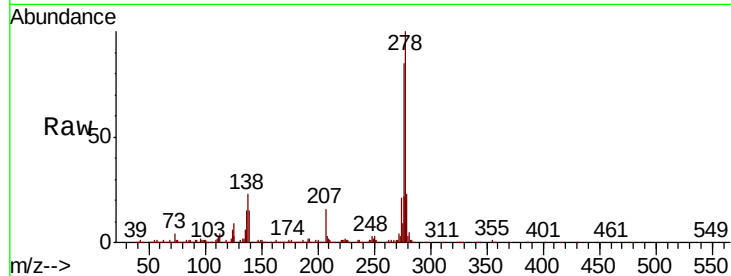
Tgt Ion:278 Resp: 1829678

Ion Ratio Lower Upper

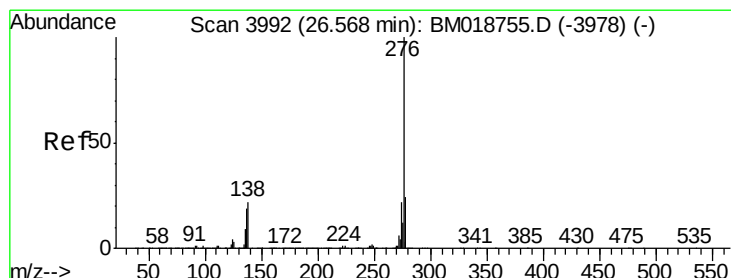
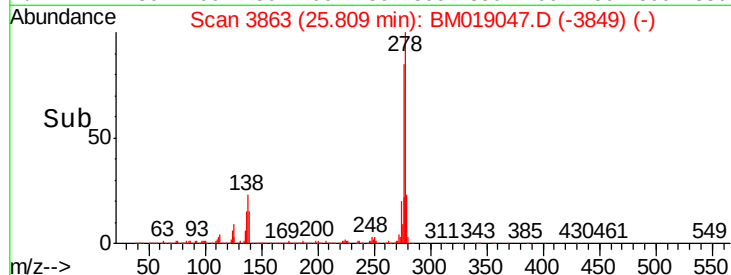
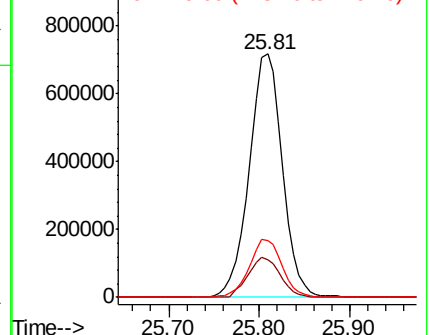
278 100

139 15.4 12.6 18.8

279 23.2 18.6 28.0



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



#92

Benzo(g,h,i)perylene

Concen: 36.284 ng

RT: 26.49 min Scan# 3979

Delta R.T. -0.02 min

Lab File: BM019047.D

Acq: 05 Mar 2019 21:31

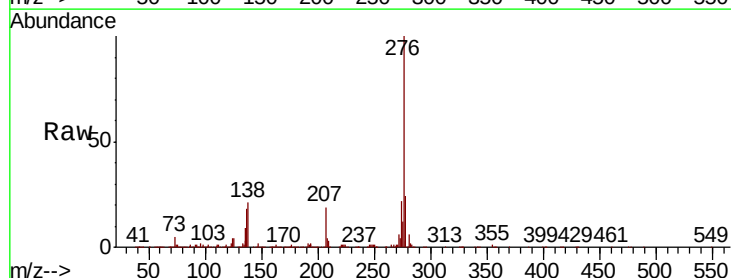
Tgt Ion:276 Resp: 1801224

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 21.3 17.3 25.9



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

