

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018419.D
 Acq On : 28 Dec 2018 05:27
 Operator : JU/SJ
 Sample : J6574-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MS

Quant Time: Dec 28 07:58:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	426055	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1986063	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	1200352	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	2744026	20.00	ng	0.00
76) Chrysene-d12	21.37	240	3038905	20.00	ng	0.00
87) Perylene-d12	23.66	264	3092986	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	453724	20.08	ng	0.00
7) Phenol-d6	6.95	99	459273	14.64	ng	0.00
23) Nitrobenzene-d5	8.95	82	1057819	30.57	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	872667	57.22	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	3063083	34.56	ng	0.00
79) Terphenyl-d14	19.81	244	8127396	56.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	2075	0.225	ng	# 47
3) Pyridine	3.70	79	217084	8.552	ng	99
4) n-Nitrosodimethylamine	3.62	42	102292	9.883	ng	# 86
6) Aniline	7.12	93	6735	0.172	ng	# 84
8) 2-Chlorophenol	7.35	128	403280	14.798	ng	97
9) Benzaldehyde	6.94	77	4044	0.184	ng	# 49
10) Phenol	6.97	94	241102	7.469	ng	98
11) bis(2-Chloroethyl)ether	7.22	93	340946	13.549	ng	96
12) 1,3-Dichlorobenzene	7.67	146	436060	13.622	ng	98
13) 1,4-Dichlorobenzene	7.82	146	446373	13.725	ng	98
14) 1,2-Dichlorobenzene	8.13	146	438377	13.737	ng	99
15) Benzyl Alcohol	8.04	79	1078	0.044	ng	# 37
16) 2,2'-oxybis(1-Chloropropan	8.32	45	361957	9.033	ng	96
17) 2-Methylphenol	8.22	107	335247	14.659	ng	98
18) Hexachloroethane	8.85	117	153068	13.186	ng	99
19) n-Nitroso-di-n-propylamine	8.59	70	344516	14.412	ng	97
20) 3+4-Methylphenols	8.54	107	486276	15.849	ng	92
22) Acetophenone	8.61	105	5497	0.109	ng	# 55
24) Nitrobenzene	8.99	77	481656	14.065	ng	99
25) Isophorone	9.50	82	880592	14.671	ng	99
26) 2-Nitrophenol	9.69	139	208223	19.708	ng	98
27) 2,4-Dimethylphenol	9.75	122	444452	17.877	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	479134	12.718	ng	98
29) 2,4-Dichlorophenol	10.22	162	479788	17.448	ng	100
30) 1,2,4-Trichlorobenzene	10.43	180	464139	13.779	ng	97
31) Naphthalene	10.63	128	1412804	14.759	ng	98
32) Benzoic acid	9.82	122	73630	9.490	ng	95
33) 4-Chloroaniline	10.76	127	8775	0.200	ng	# 40
34) Hexachlorobutadiene	10.90	225	268245	13.115	ng	98
35) Caprolactam	11.53	113	1246	0.123	ng	# 1
36) 4-Chloro-3-methylphenol	11.86	107	691592	22.188	ng	97
37) 2-Methylnaphthalene	12.24	142	716	0.010	ng	# 59
38) 1-Methylnaphthalene	12.46	142	3037	0.045	ng	# 70
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	558648	14.866	ng	98

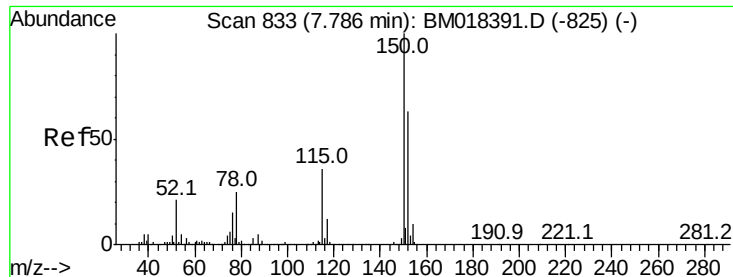
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018419.D
 Acq On : 28 Dec 2018 05:27
 Operator : JU/SJ
 Sample : J6574-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MS

Quant Time: Dec 28 07:58:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	252769	13.872	ng	99
43) 2,4,6-Trichlorophenol	12.85	196	477578	22.373	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	634617	27.206	ng	98
46) 1,1'-Biphenyl	13.26	154	7496	0.073	ng	97
47) 2-Chloronaphthalene	13.30	162	1197249	15.239	ng	99
48) 2-Nitroaniline	13.49	65	816	0.039	ng	# 3
49) Acenaphthylene	14.15	152	2125281	17.571	ng	99
50) Dimethylphthalate	13.89	163	2144307	21.382	ng	99
51) 2,6-Dinitrotoluene	14.02	165	455363	21.635	ng	92
52) Acenaphthene	14.49	154	1289514	17.667	ng	97
53) 3-Nitroaniline	14.35	138	2578	0.110	ng	# 3
54) 2,4-Dinitrophenol	14.54	184	149883	31.343	ng	93
55) Dibenzofuran	14.83	168	7642	0.064	ng	# 80
56) 4-Nitrophenol	14.64	139	216466	15.638	ng	97
57) 2,4-Dinitrotoluene	14.80	165	767241	26.942	ng	99
58) Fluorene	15.48	166	1988071	21.371	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	560114	26.001	ng	99
60) Diethylphthalate	15.26	149	2536877	24.186	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	960313	18.789	ng	98
62) 4-Nitroaniline	15.48	138	27543	1.106	ng	# 30
63) Azobenzene	15.77	77	1881383	19.679	ng	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	301720	30.920	ng	93
66) n-Nitrosodiphenylamine	15.69	169	1886243	22.056	ng	99
67) 4-Bromophenyl-phenylether	16.37	248	670641	22.443	ng	98
68) Hexachlorobenzene	16.47	284	804942	23.780	ng	98
70) Pentachlorophenol	16.82	266	504779	25.575	ng	98
71) Phenanthrene	17.22	178	3858055	26.560	ng	100
72) Anthracene	17.32	178	4012866	27.732	ng	100
73) Carbazole	17.59	167	4194229	27.599	ng	100
74) Di-n-butylphthalate	18.14	149	5179066	29.985	ng	99
75) Fluoranthene	19.24	202	5043168	29.316	ng	100
77) Benzidine	19.43	184	3156410	36.337	ng	99
78) Pyrene	19.60	202	5325900	30.193	ng	100
80) Butylbenzylphthalate	20.51	149	2500434	33.573	ng	96
81) Benzo(a)anthracene	21.35	228	5335186	29.891	ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	5991303	87.371	ng	99
83) Chrysene	21.41	228	5104041	29.640	ng	99
84) Bis(2-ethylhexyl)phthalate	21.28	149	4608691	38.757	ng	100
85) Di-n-octyl phthalate	22.18	149	6473693	32.936	ng	97
86) Indeno(1,2,3-cd)pyrene	26.00	276	5436265	25.504	ng	99
88) Benzo(b)fluoranthene	22.97	252	5477031	31.748	ng	100
89) Benzo(k)fluoranthene	23.01	252	5307183	30.758	ng	99
90) Benzo(a)pyrene	23.56	252	4949633	29.867	ng	99
91) Dibenzo(a,h)anthracene	26.01	278	4696825	27.215	ng	100
92) Benzo(g,h,i)perylene	26.71	276	4142870	25.070	ng	99

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

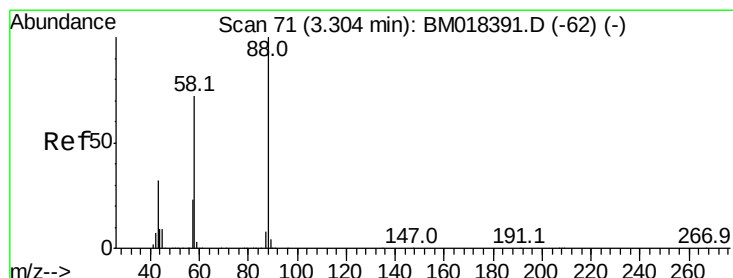
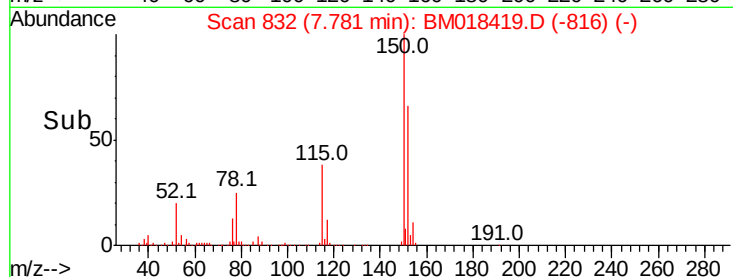
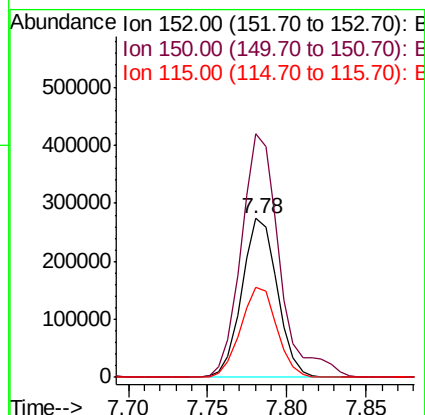
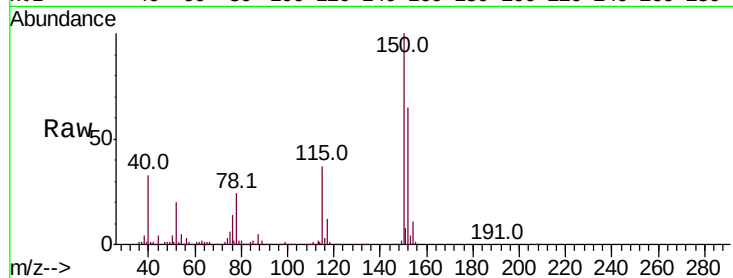


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Instrument :
BNA_M
ClientSampleId :
381211744-2MS

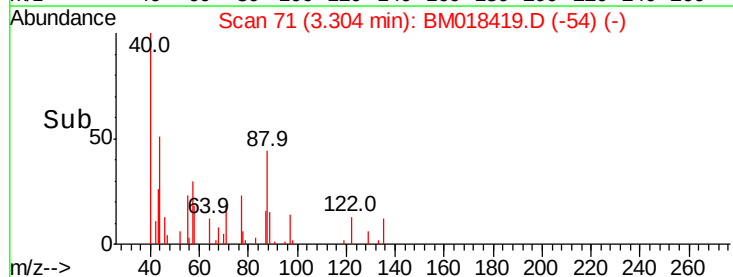
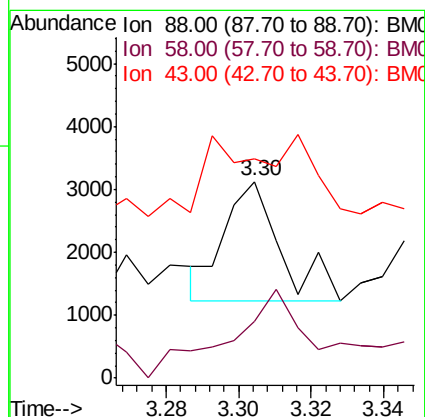
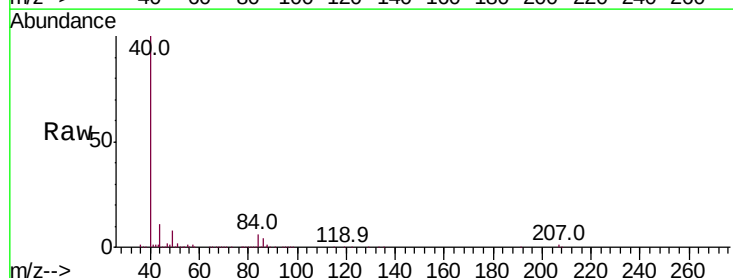
Tot Ion:152 Resp: 426055
Ion Ratio Lower Upper
152 100
150 153.3 126.9 190.3
115 57.0 45.5 68.3

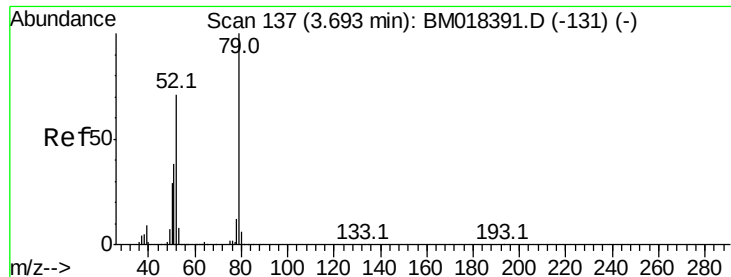


#2

1,4-Dioxane
Concen: 0.225 ng
RT: 3.30 min Scan# 71
Delta R.T. 0.00 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion: 88 Resp: 2075
Ion Ratio Lower Upper
88 100
58 112.6 58.4 87.6#
43 70.8 26.2 39.4#





#3

Pvridine

Concen: 8.552 ng

RT: 3.70 min Scan# 138

Delta R.T. 0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

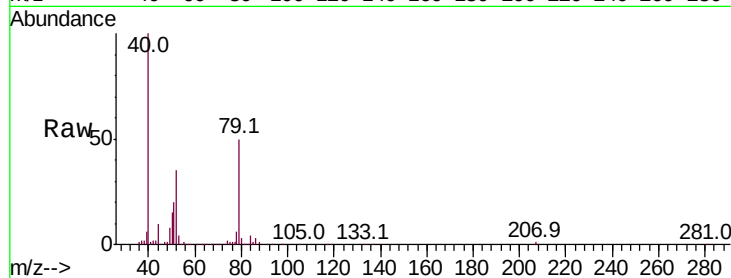
Tot Ion: 79 Resp: 217084

Ion Ratio Lower Upper

79 100

52 69.6 56.4 84.6

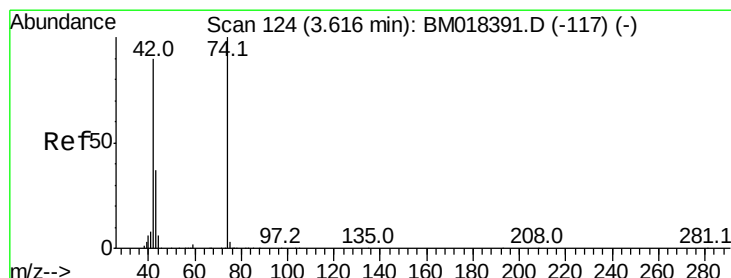
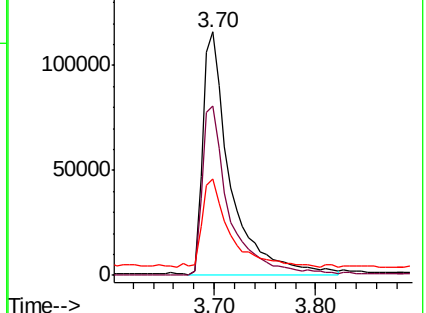
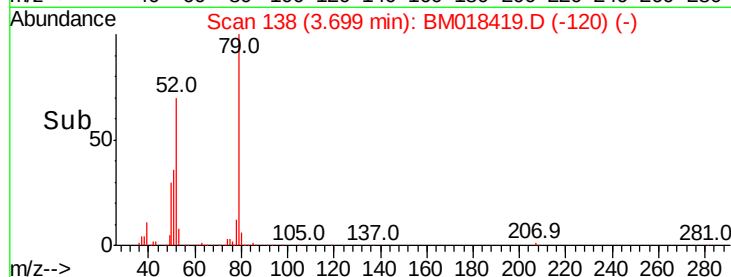
51 39.7 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018419.D (-131) (-)

Ion 52.00 (51.70 to 52.70): BM018419.D (-131) (-)

Ion 51.00 (50.70 to 51.70): BM018419.D (-131) (-)



#4

n-Nitrosodimethylamine

Concen: 9.883 ng

RT: 3.62 min Scan# 125

Delta R.T. 0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

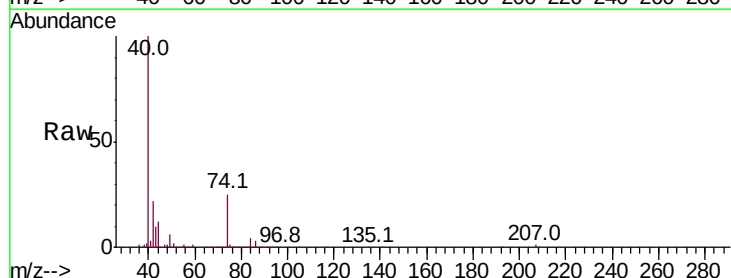
Tgt Ion: 42 Resp: 102292

Ion Ratio Lower Upper

42 100

74 114.6 88.6 132.8

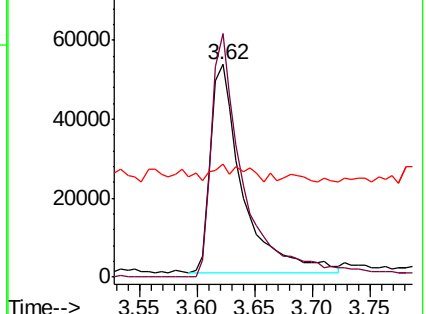
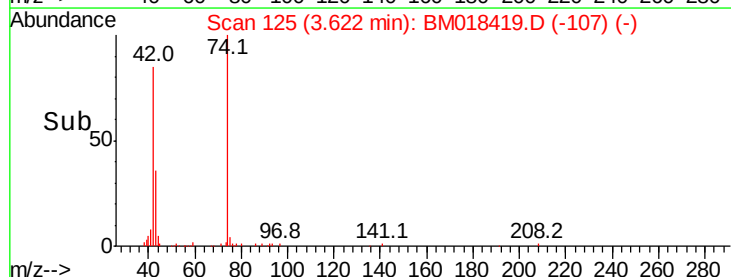
44 52.9 16.9 25.3#

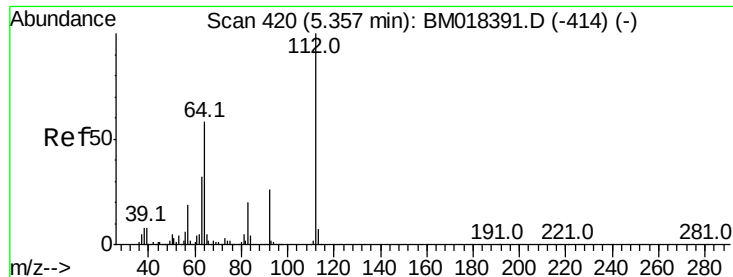


Abundance Ion 42.00 (41.70 to 42.70): BM018419.D (-107) (-)

Ion 74.00 (73.70 to 74.70): BM018419.D (-107) (-)

Ion 44.00 (43.70 to 44.70): BM018419.D (-107) (-)





#5

2-Fluorophenol

Concen: 20.078 ng

RT: 5.36 min Scan# 421

Delta R.T. 0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

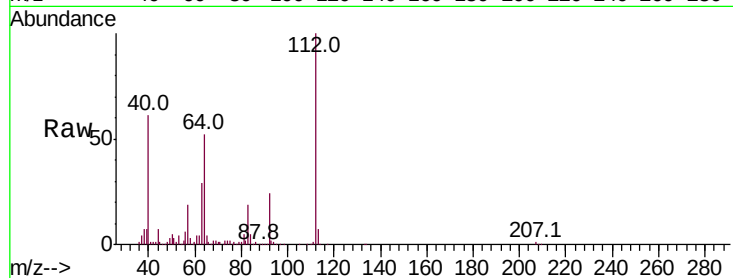
Tot Ion:112 Resp: 453724

Ion Ratio Lower Upper

112 100

64 52.2 46.5 69.7

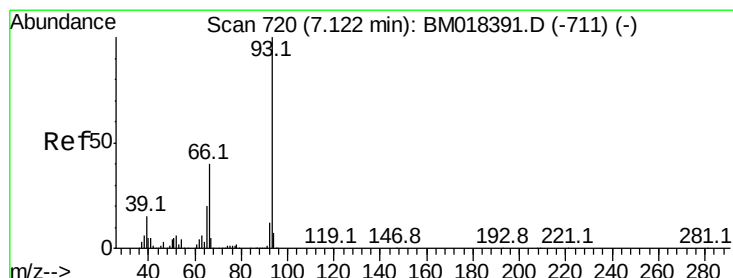
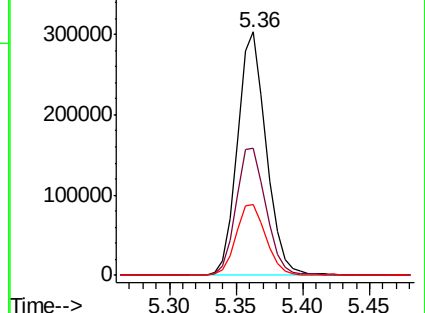
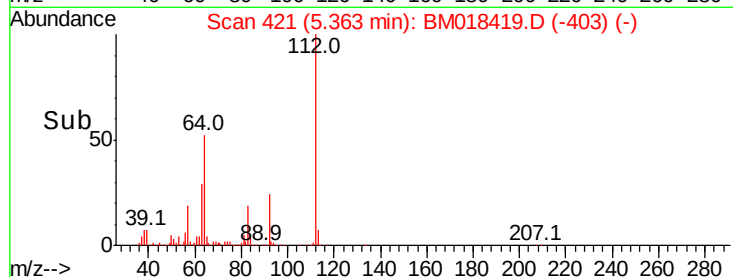
63 29.2 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 0.172 ng

RT: 7.12 min Scan# 720

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

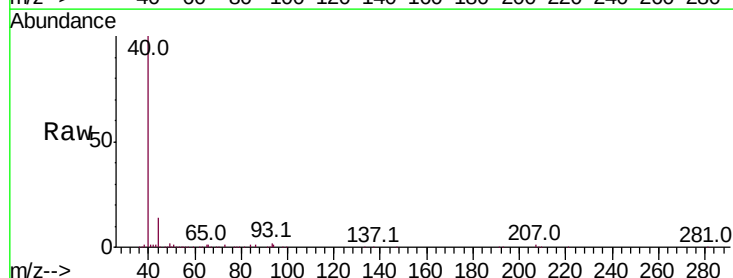
Tgt Ion: 93 Resp: 6735

Ion Ratio Lower Upper

93 100

66 37.8 31.7 47.5

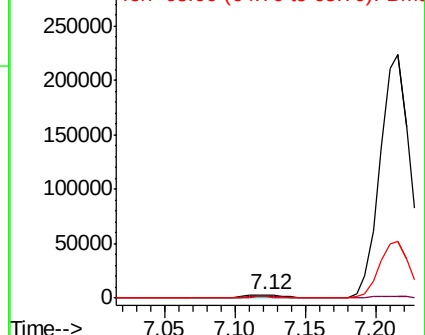
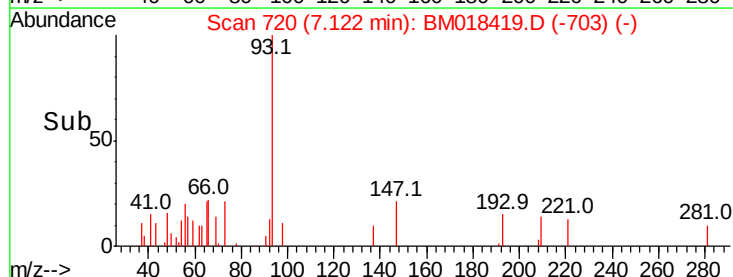
65 39.0 15.9 23.9#

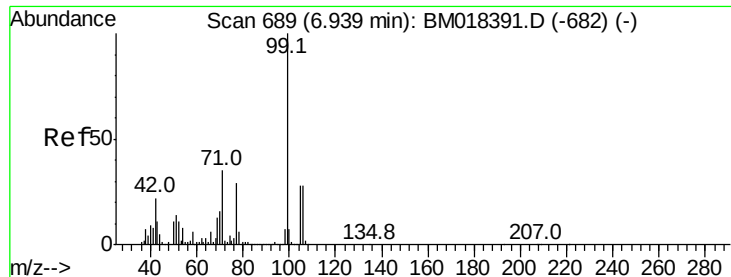


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 14.636 ng

RT: 6.95 min Scan# 690

Delta R.T. 0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

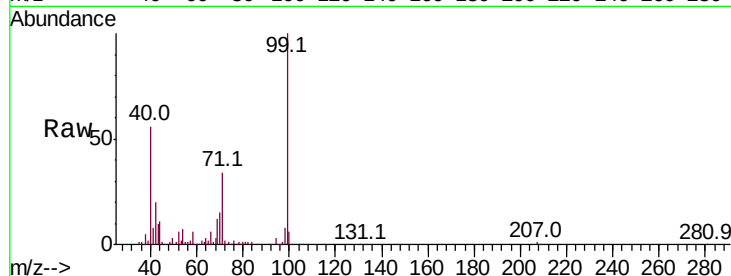
Tot Ion: 99 Resp: 459273

Ion Ratio Lower Upper

99 100

42 19.8 17.3 25.9

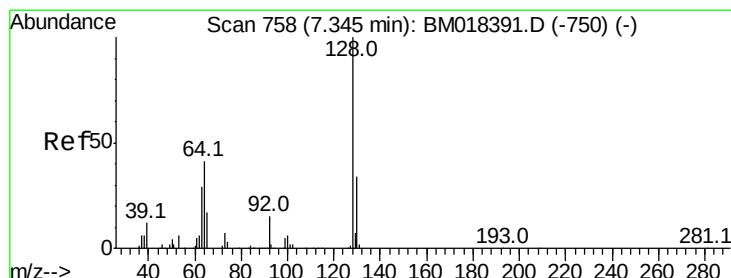
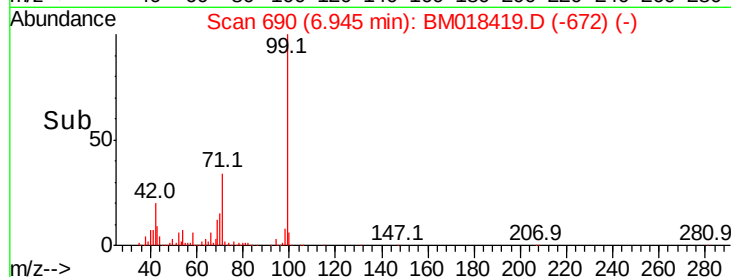
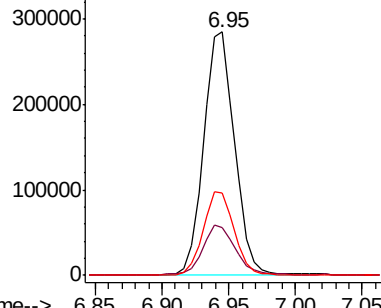
71 33.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018391.D (-682) (-)

Ion 42.00 (41.70 to 42.70): BM018391.D (-682) (-)

Ion 71.00 (70.70 to 71.70): BM018391.D (-682) (-)



#8

2-Chlorophenol

Concen: 14.798 ng

RT: 7.35 min Scan# 758

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

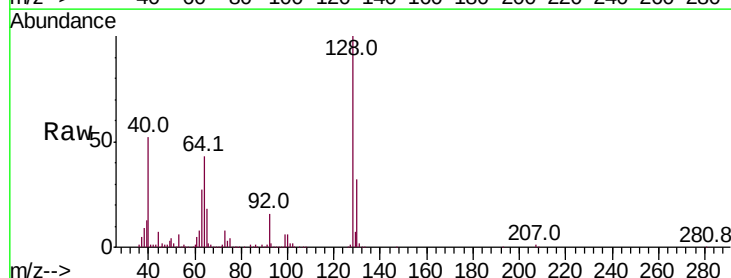
Tgt Ion: 128 Resp: 403280

Ion Ratio Lower Upper

128 100

130 32.1 13.6 53.6

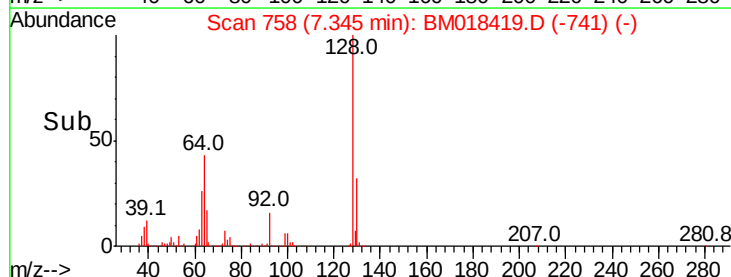
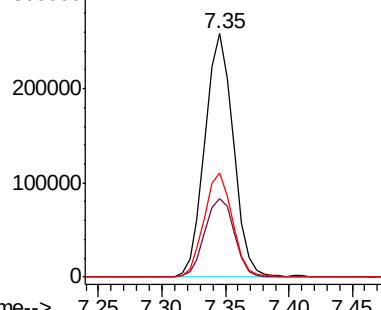
64 42.7 24.8 64.8

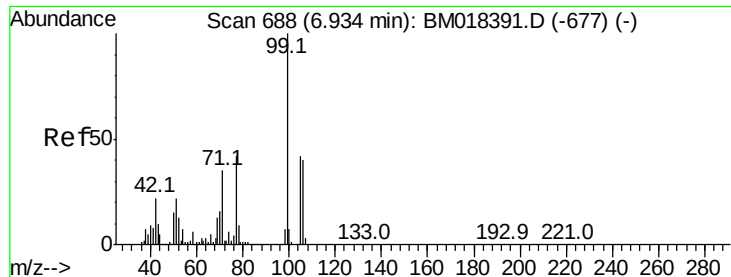


Abundance Ion 128.00 (127.70 to 128.70): BM018391.D (-750) (-)

Ion 130.00 (129.70 to 130.70): BM018391.D (-750) (-)

Ion 64.00 (63.70 to 64.70): BM018391.D (-750) (-)





#9

Benzaldehyde

Concen: 0.184 ng

RT: 6.94 min Scan# 689

Delta R.T. 0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

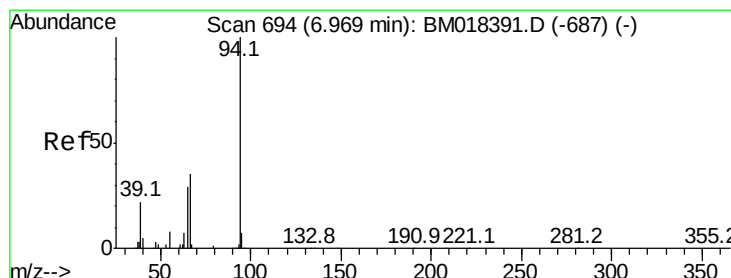
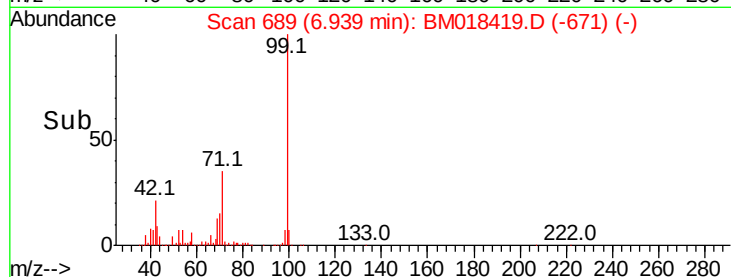
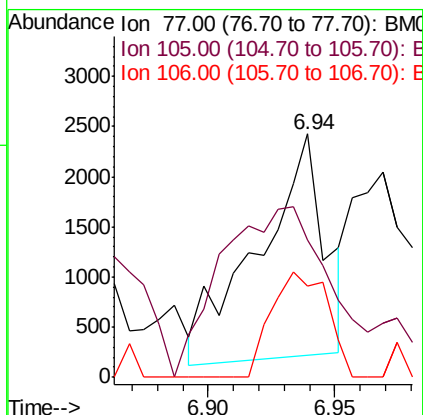
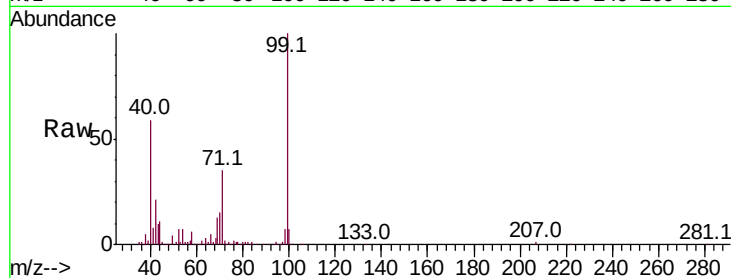
Tot Ion: 77 Resp: 4044

Ion Ratio Lower Upper

77 100

105 56.4 79.7 119.7#

106 37.6 75.2 115.2#



#10

Phenol

Concen: 7.469 ng

RT: 6.97 min Scan# 694

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

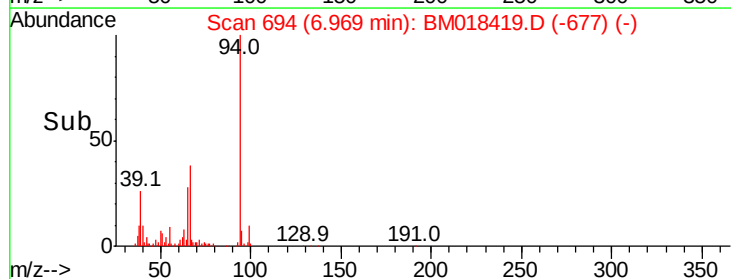
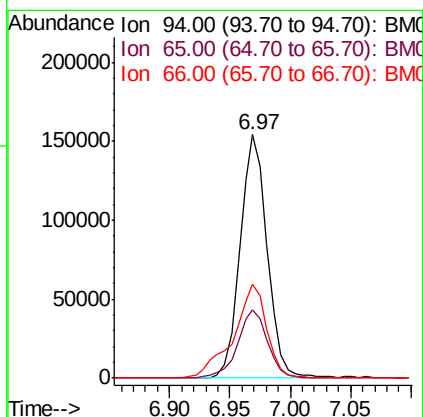
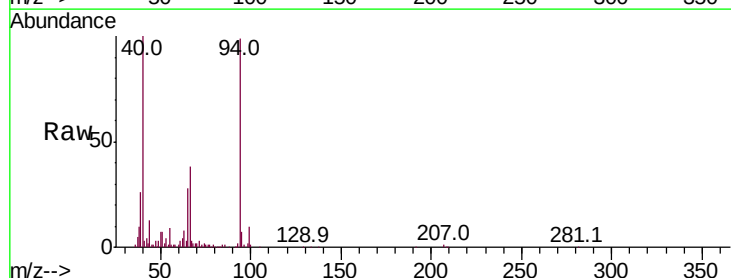
Tgt Ion: 94 Resp: 241102

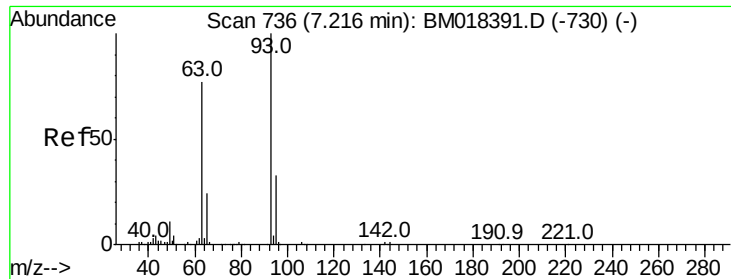
Ion Ratio Lower Upper

94 100

65 28.2 9.4 49.4

66 38.3 19.1 59.1

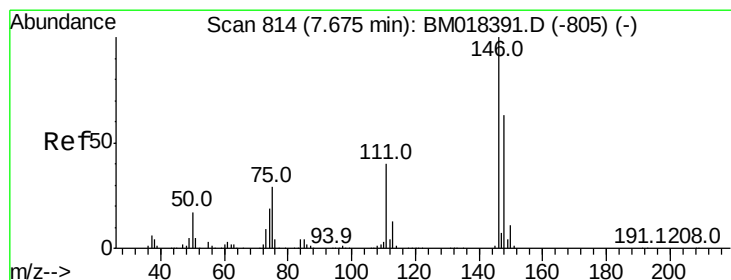
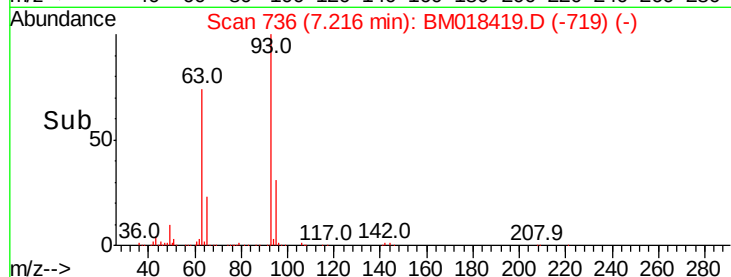
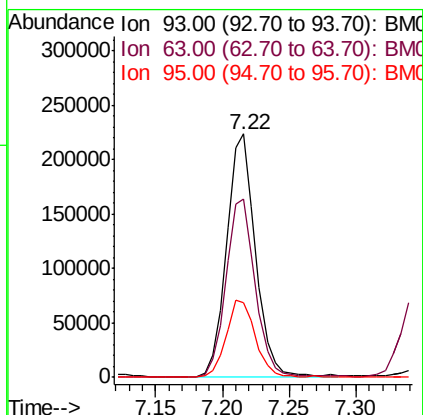
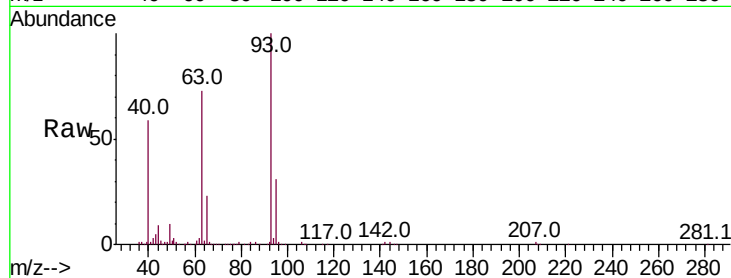




#11
bis(2-Chloroethyl)ether
Concen: 13.549 ng
RT: 7.22 min Scan# 736
Delta R.T. 0.00 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

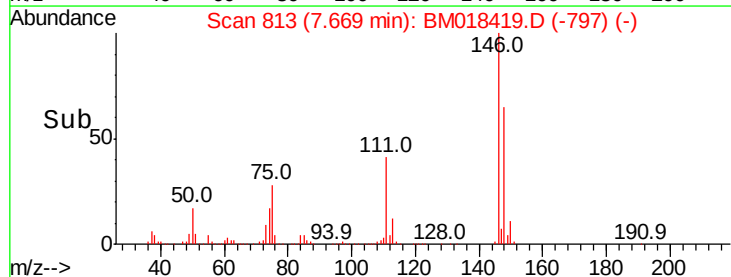
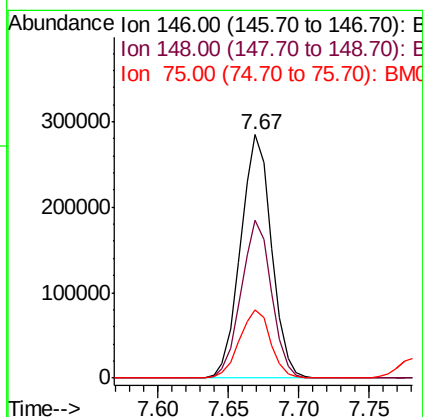
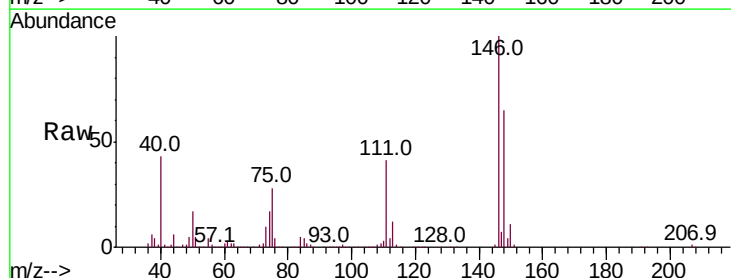
Instrument :
BNA_M
ClientSampleId :
381211744-2MS

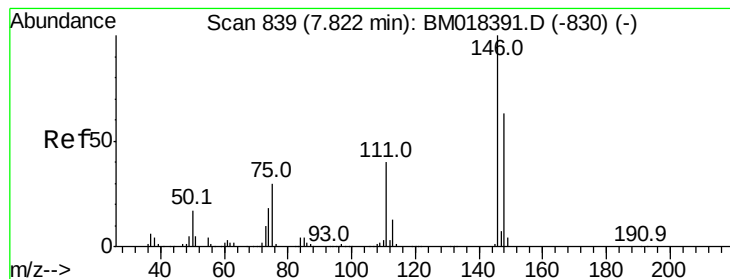
Tot Ion: 93 Resp: 340946
Ion Ratio Lower Upper
93 100
63 73.0 56.4 96.4
95 30.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 13.622 ng
RT: 7.67 min Scan# 813
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion: 146 Resp: 436060
Ion Ratio Lower Upper
146 100
148 64.7 50.5 75.7
75 28.3 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 13.725 ng

RT: 7.82 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

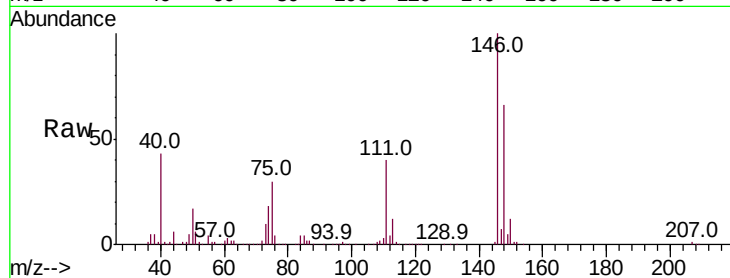
Tot Ion:146 Resp: 446373

Ion Ratio Lower Upper

146 100

148 65.6 50.8 76.2

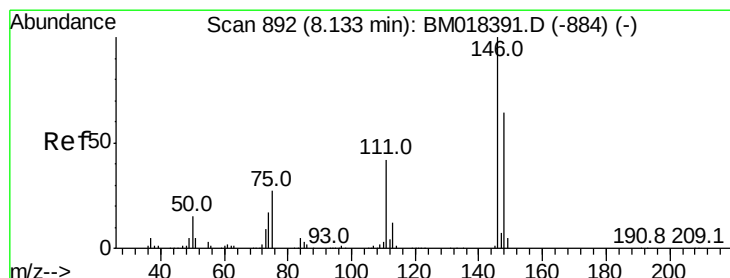
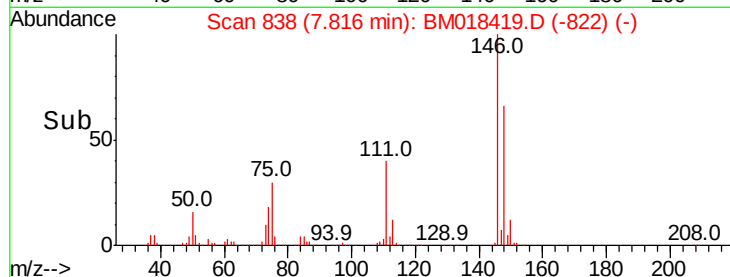
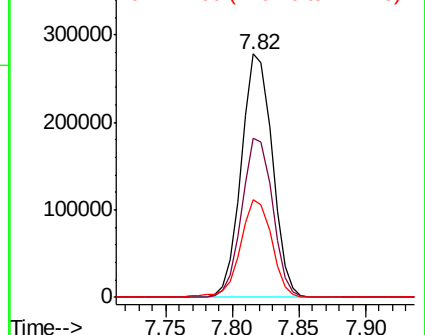
111 40.2 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 13.737 ng

RT: 8.13 min Scan# 892

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

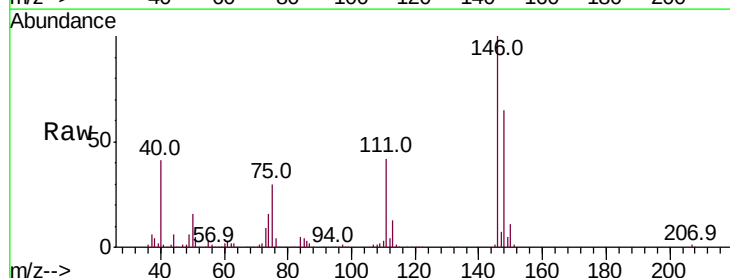
Tgt Ion:146 Resp: 438377

Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.6

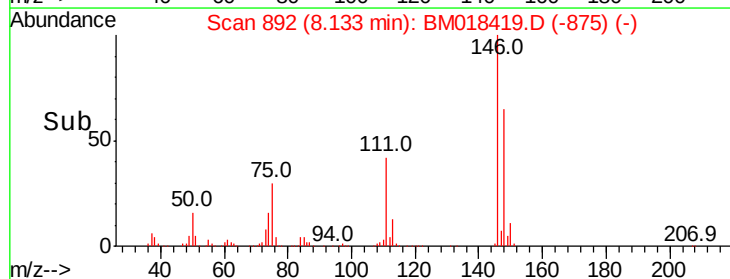
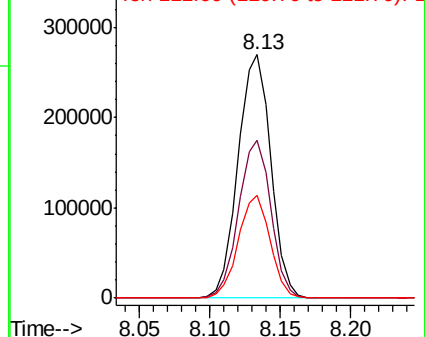
111 42.0 33.8 50.6

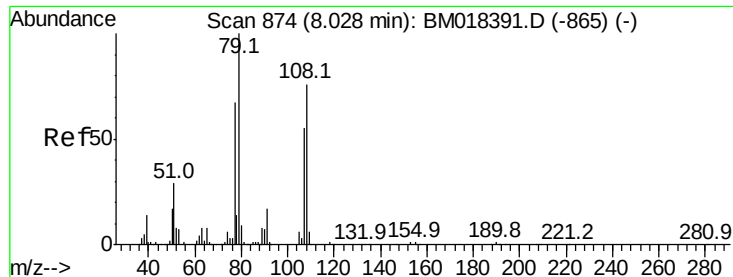


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 0.044 ng

RT: 8.04 min Scan# 876

Delta R.T. 0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

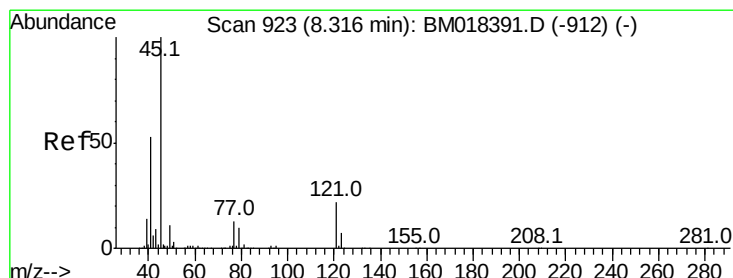
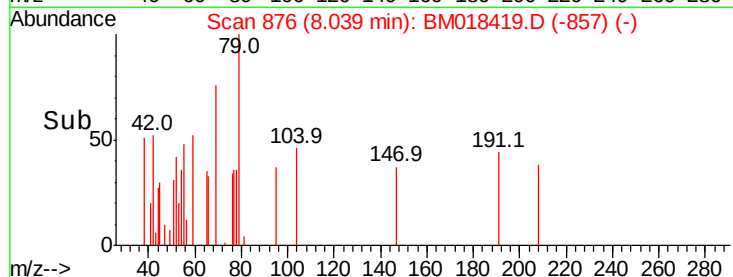
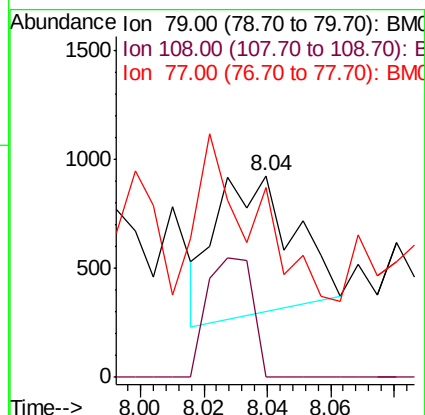
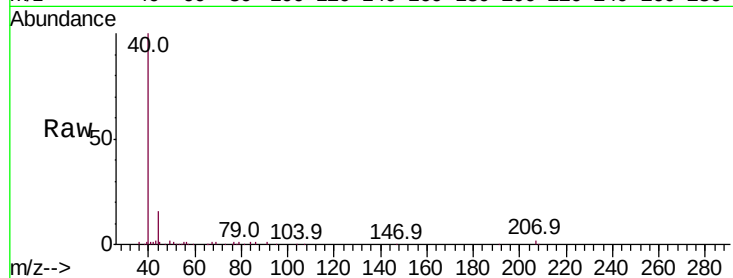
Tot Ion: 79 Resp: 1078

Ion Ratio Lower Upper

79 100

108 0.0 60.4 90.6#

77 93.9 53.4 80.2#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.033 ng

RT: 8.32 min Scan# 923

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

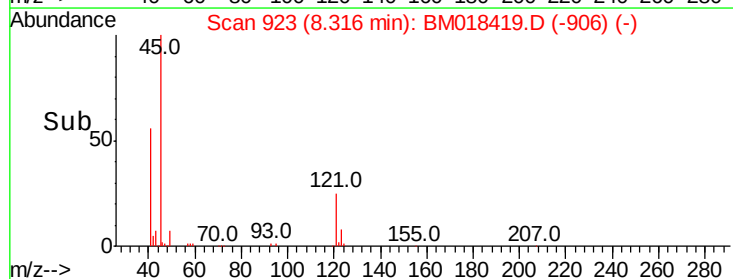
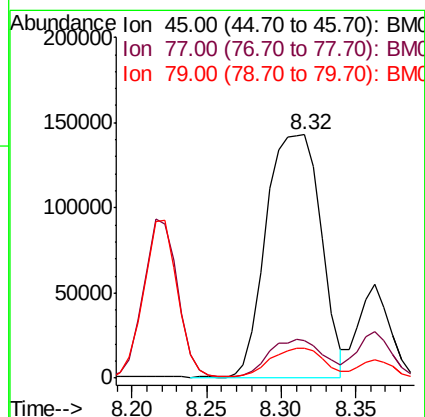
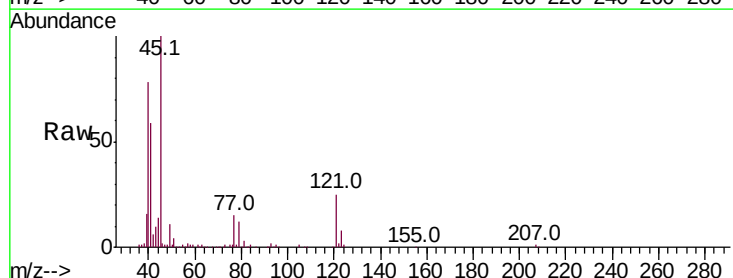
Tgt Ion: 45 Resp: 361957

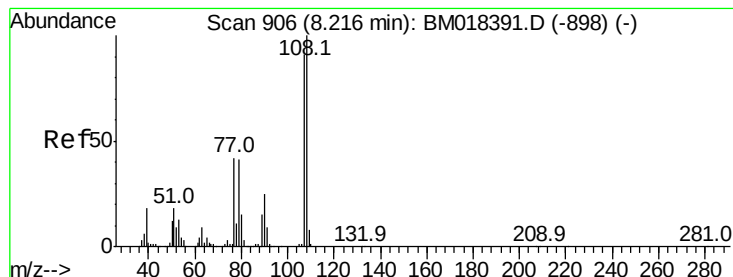
Ion Ratio Lower Upper

45 100

77 15.2 0.0 33.4

79 12.5 0.0 31.1





#17

2-Methylphenol

Concen: 14.659 ng

RT: 8.22 min Scan# 907

Delta R.T. 0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

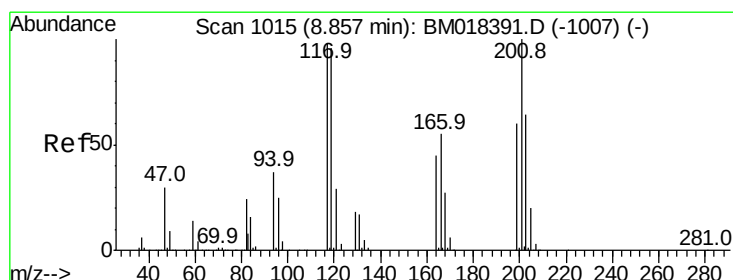
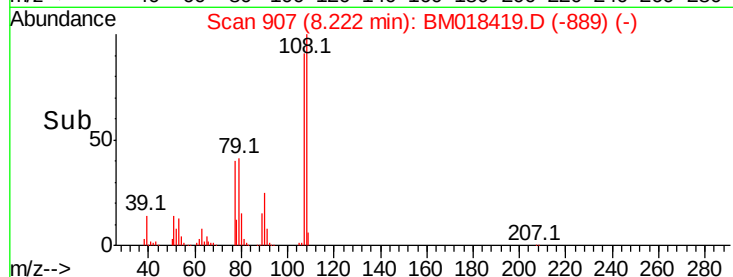
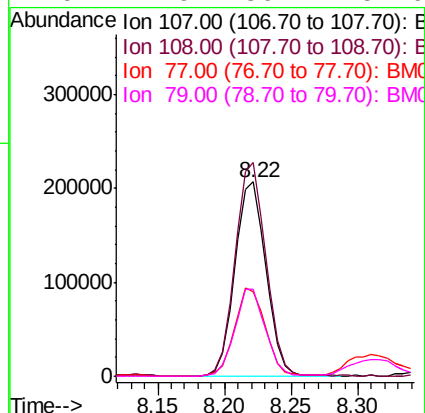
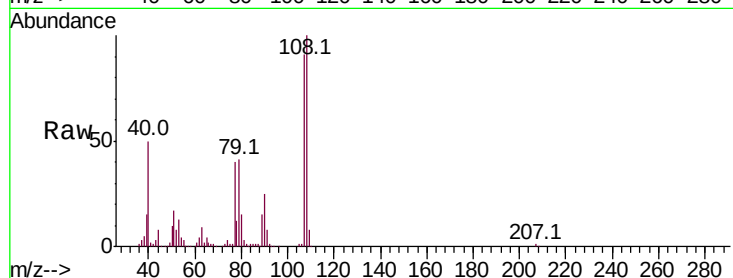
Instrument :

BNA_M

ClientSampleId :

381211744-2MS

Tot Ion:	107	Resp:	335247
Ion	Ratio	Lower	Upper
107	100		
108	110.0	87.5	131.3
77	43.6	37.3	55.9
79	44.9	36.4	54.6



#18

Hexachloroethane

Concen: 13.186 ng

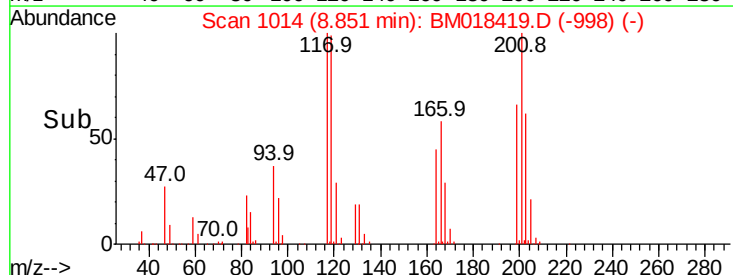
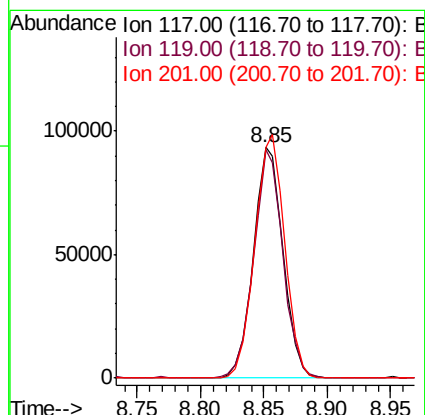
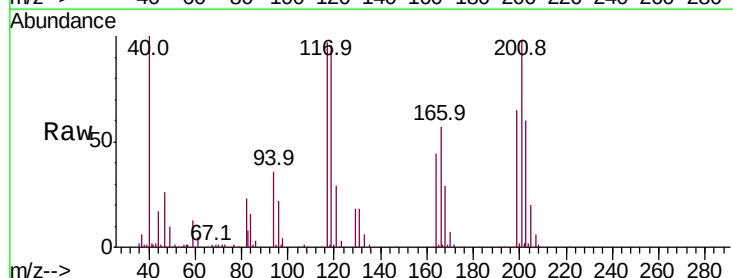
RT: 8.85 min Scan# 1014

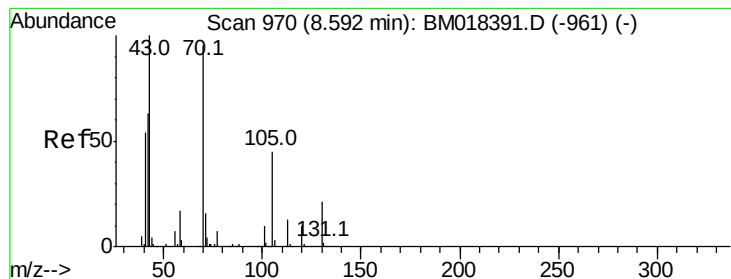
Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Tgt Ion:	117	Resp:	153068
Ion	Ratio	Lower	Upper
117	100		
119	98.9	78.3	117.5
201	100.2	81.4	122.0





#19

n-Nitroso-di-n-propylamine

Concen: 14.412 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

Tot Ion: 70 Resp: 344516

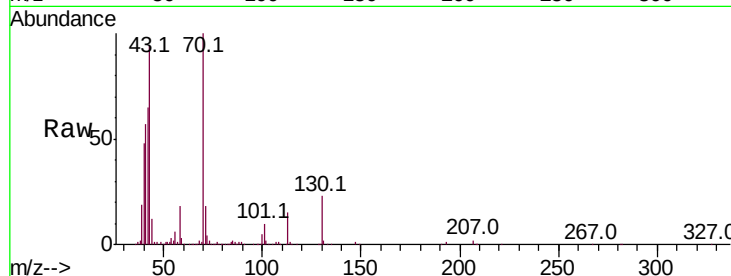
Ion Ratio Lower Upper

70 100

42 65.1 54.0 81.0

101 10.0 8.1 12.1

130 23.4 17.8 26.6

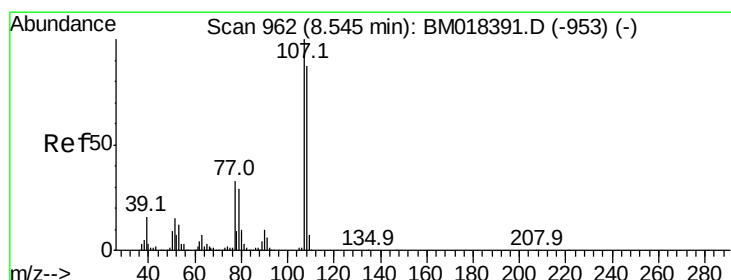
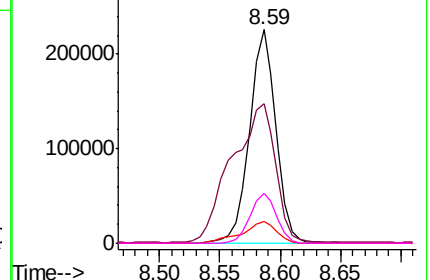
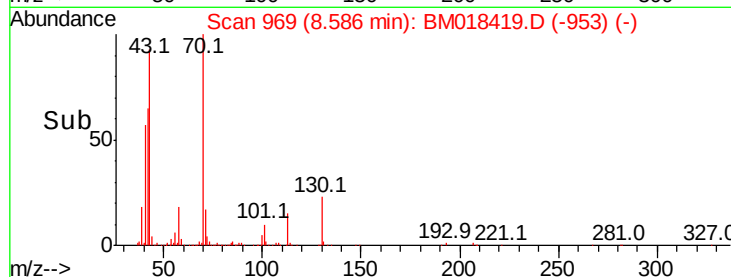


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 15.849 ng

RT: 8.54 min Scan# 961

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Tgt Ion:107 Resp: 486276

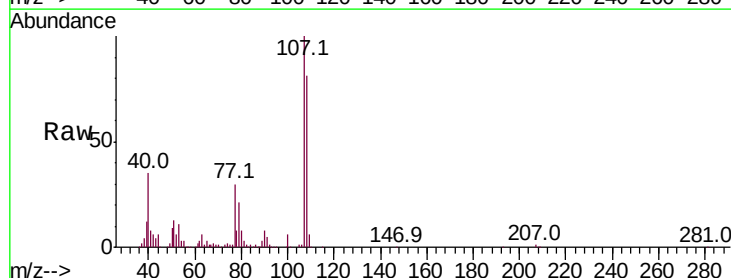
Ion Ratio Lower Upper

107 100

108 81.5 66.8 106.8

77 29.6 13.3 53.3

79 21.4 8.8 48.8

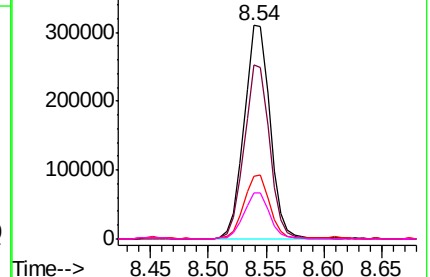
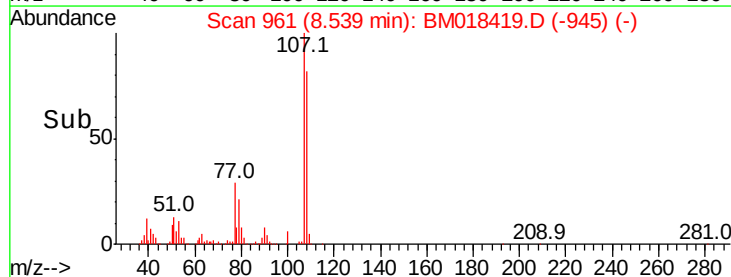


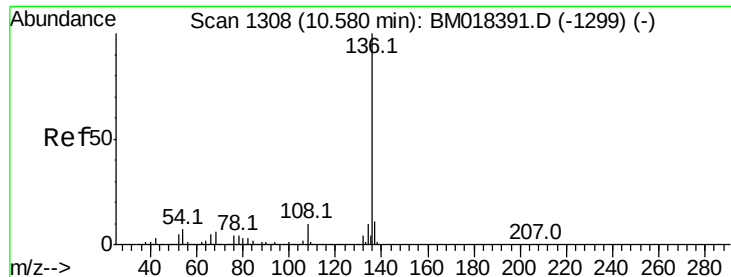
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

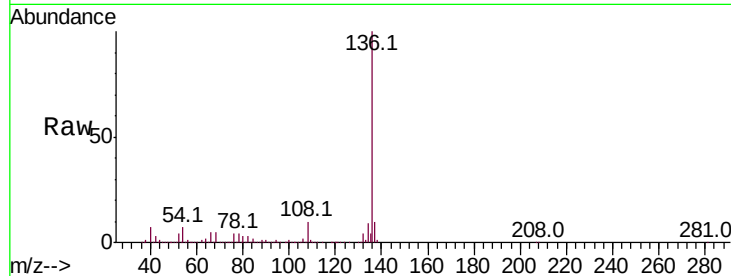




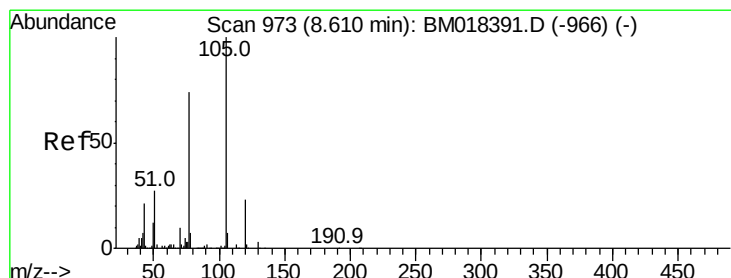
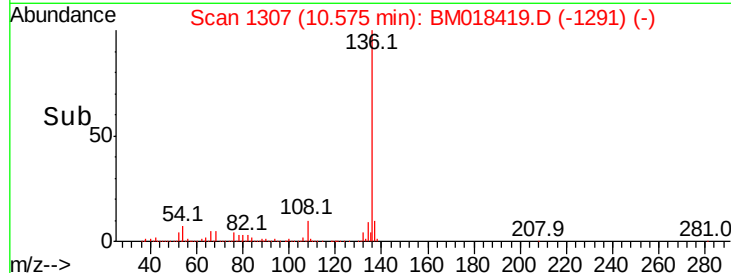
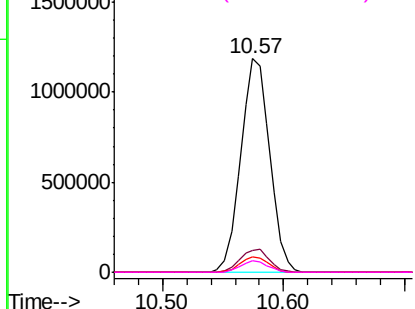
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Instrument :
BNA_M
ClientSampleId :
381211744-2MS

Tot Ion:	136	Resp:	1986063
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	7.5	6.0	9.0
68	5.3	4.5	6.7

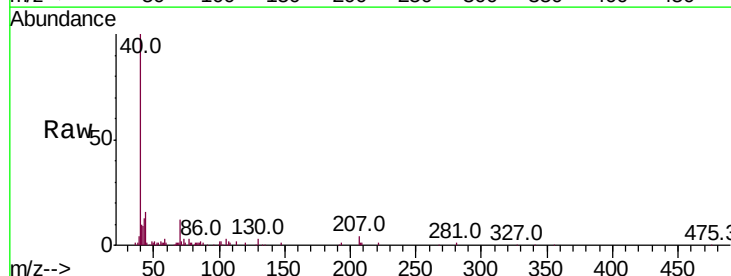


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

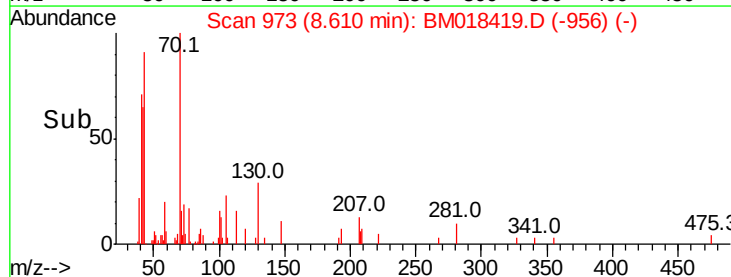
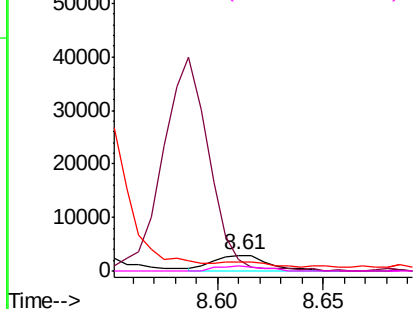


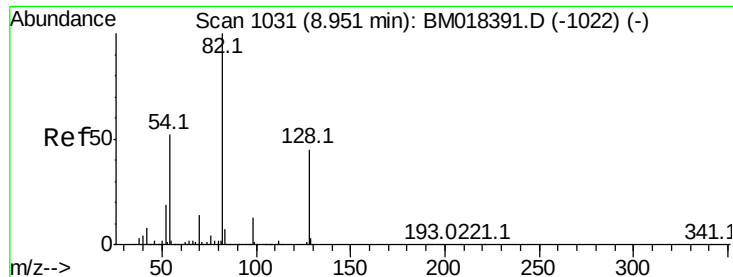
#22
Acetophenone
Concen: 0.109 ng
RT: 8.61 min Scan# 973
Delta R.T. 0.00 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion:	105	Resp:	5497
Ion	Ratio	Lower	Upper
105	100		
71	74.5	1.7	2.5#
51	59.7	22.6	34.0#
120	28.5	18.3	27.5#



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

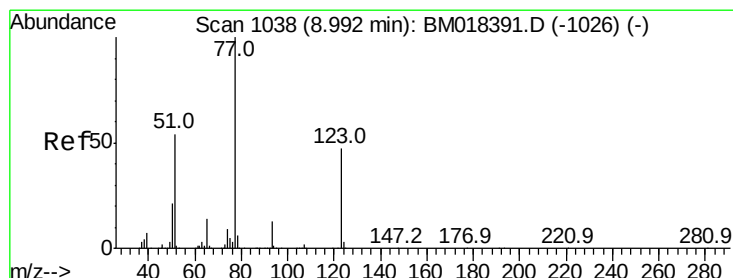
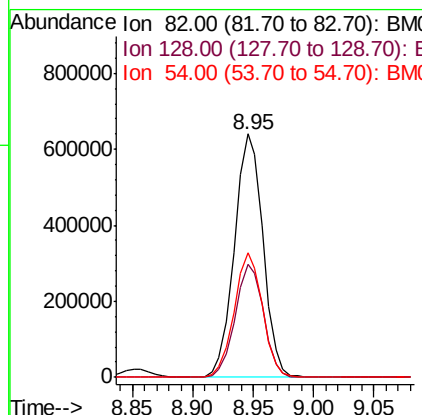
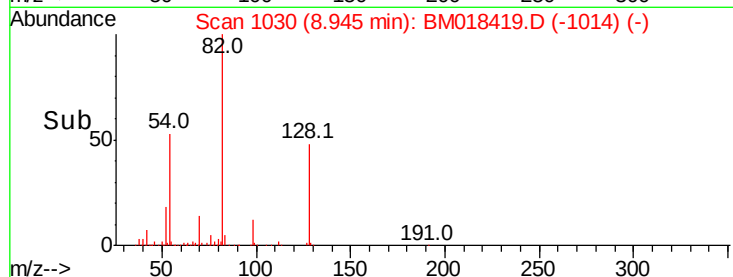
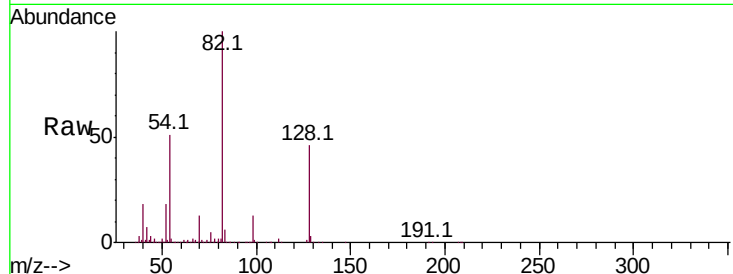




#23
Nitrobenzene-d5
Concen: 30.569 ng
RT: 8.95 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

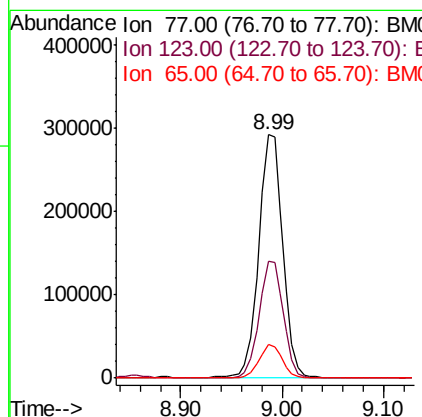
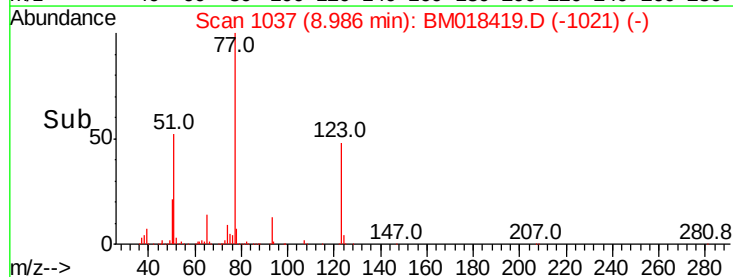
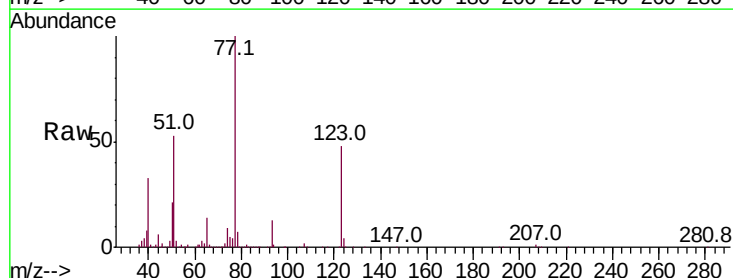
Instrument :
BNA_M
ClientSampleId :
381211744-2MS

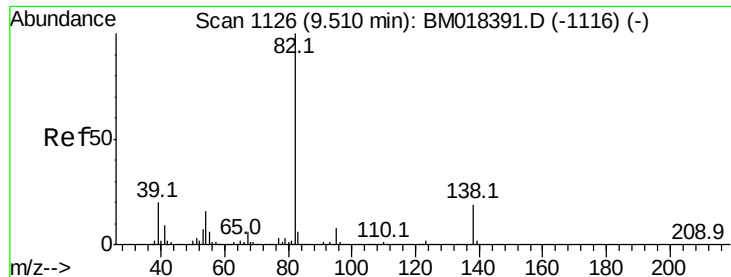
Tot Ion: 82 Resp: 1057819
Ion Ratio Lower Upper
82 100
128 46.3 36.3 54.5
54 51.2 41.7 62.5



#24
Nitrobenzene
Concen: 14.065 ng
RT: 8.99 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion: 77 Resp: 481656
Ion Ratio Lower Upper
77 100
123 48.2 37.7 56.5
65 13.9 11.0 16.6





#25

Isophorone

Concen: 14.671 ng

RT: 9.50 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

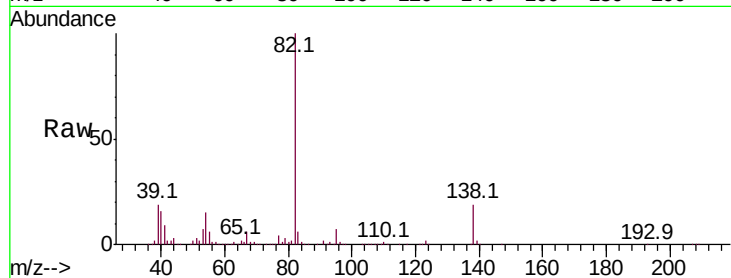
Tot Ion: 82 Resp: 880592

Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

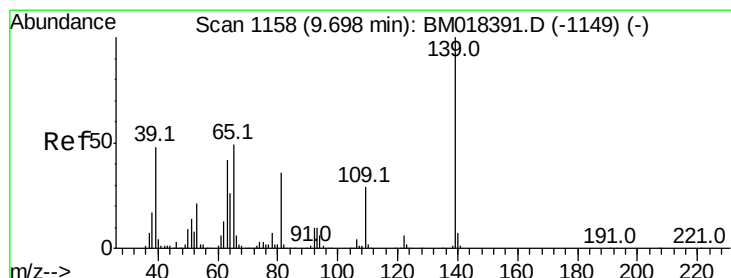
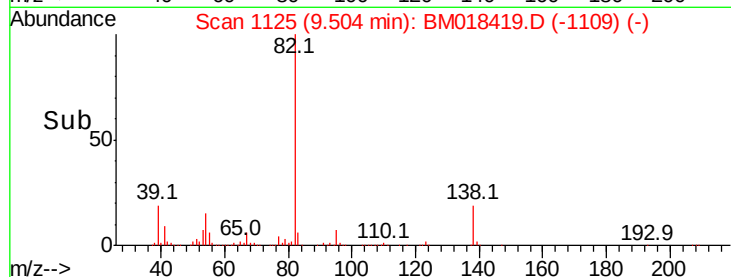
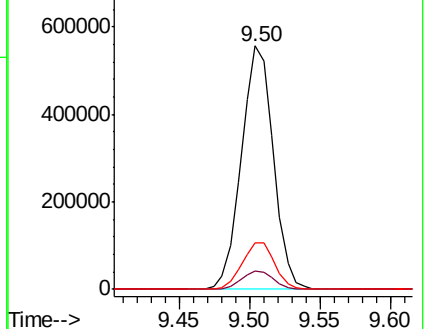
138 19.2 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BM018391.D (-1116) (-)

Ion 95.00 (94.70 to 95.70): BM018391.D (-1116) (-)

Ion 138.00 (137.70 to 138.70): BM018391.D (-1116) (-)



#26

2-Nitrophenol

Concen: 19.708 ng

RT: 9.69 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

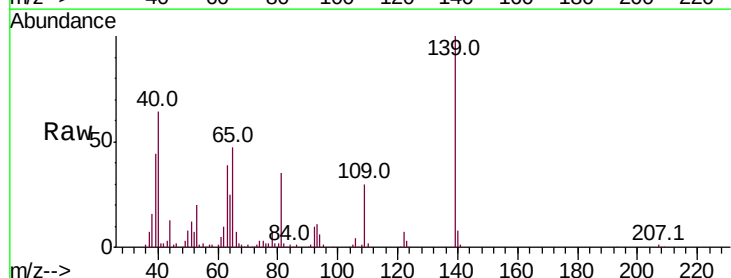
Tgt Ion: 139 Resp: 208223

Ion Ratio Lower Upper

139 100

109 29.6 23.4 35.2

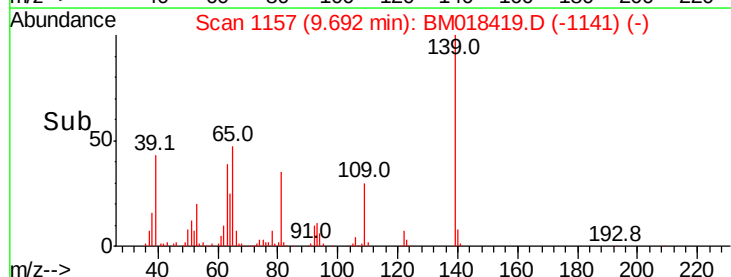
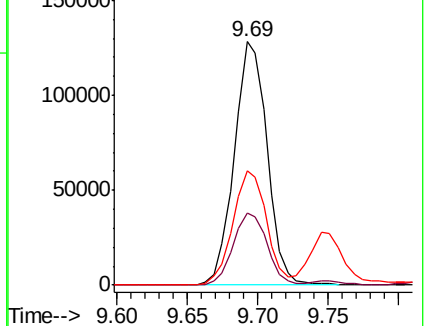
65 46.9 39.4 59.2

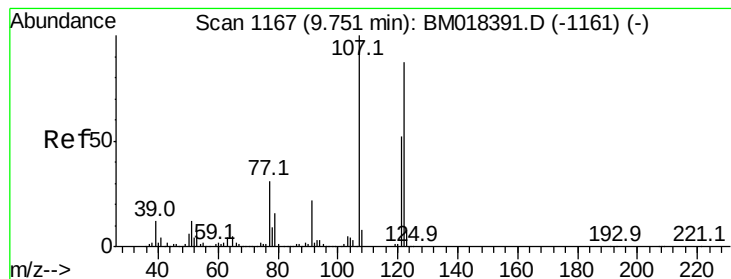


Abundance Ion 139.00 (138.70 to 139.70): BM018391.D (-1149) (-)

Ion 109.00 (108.70 to 109.70): BM018391.D (-1149) (-)

Ion 65.00 (64.70 to 65.70): BM018391.D (-1149) (-)





#27

2,4-Dimethylphenol

Concen: 17.877 ng

RT: 9.75 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

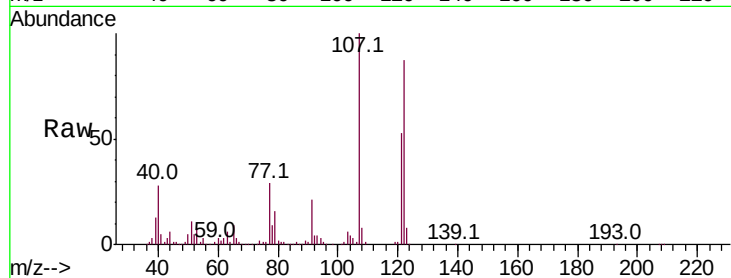
Tot Ion:122 Resp: 444452

Ion Ratio Lower Upper

122 100

107 114.5 91.9 137.9

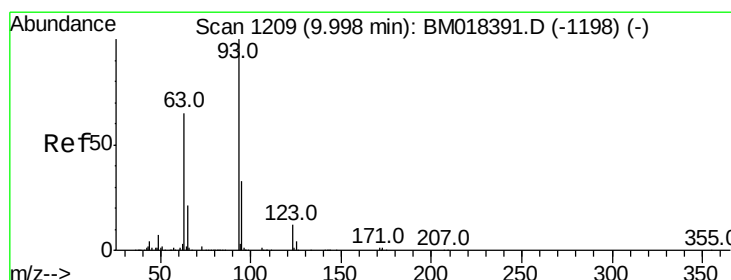
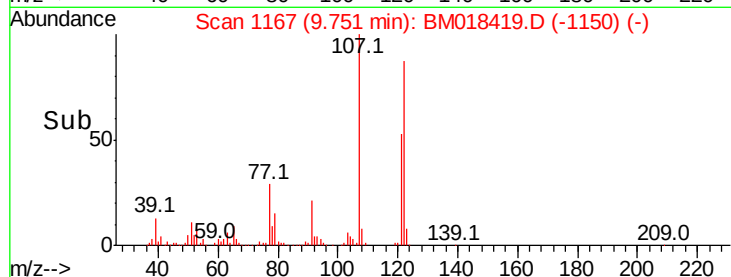
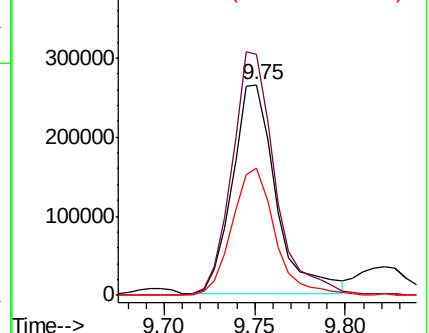
121 60.3 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 12.718 ng

RT: 9.99 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

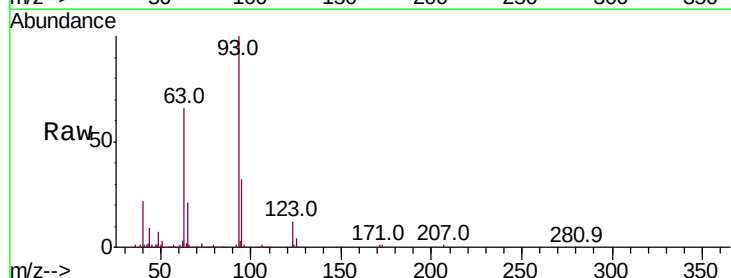
Tgt Ion: 93 Resp: 479134

Ion Ratio Lower Upper

93 100

95 31.6 26.6 39.8

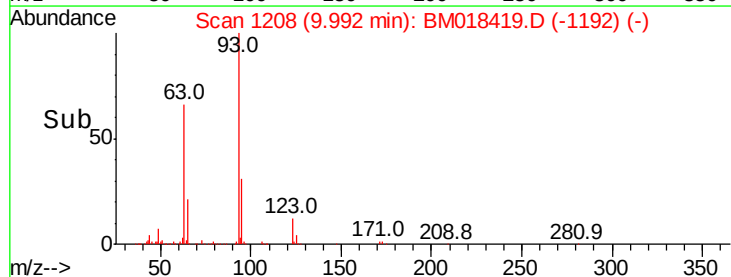
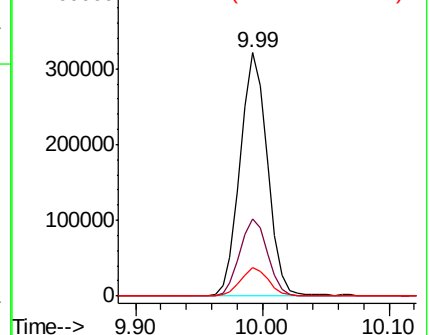
123 11.9 9.9 14.9

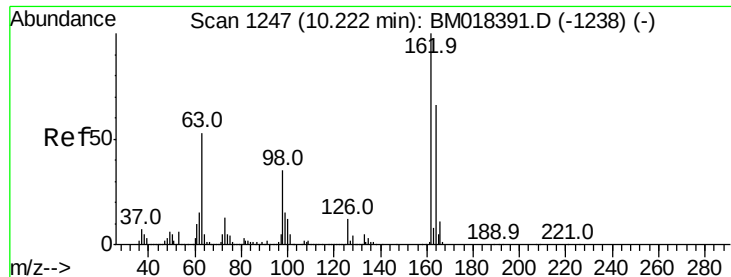


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

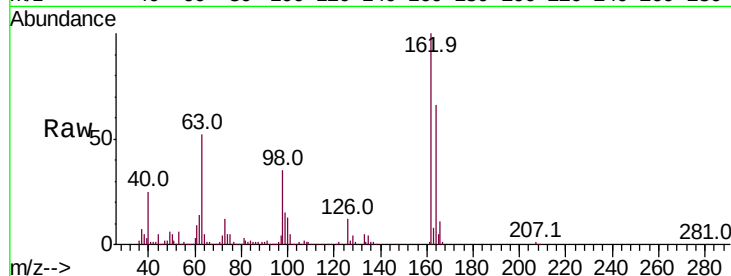




#29
 2,4-Dichlorophenol
 Concen: 17.448 ng
 RT: 10.22 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	45.6	85.6
98	34.9	14.7	54.7

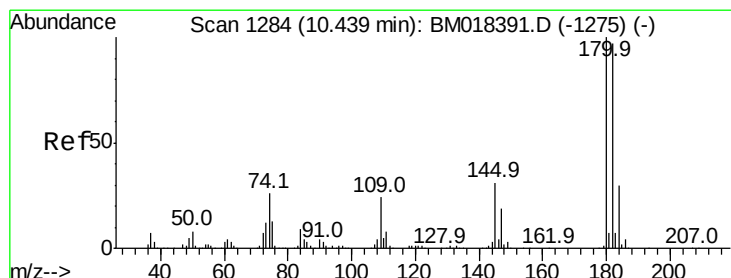
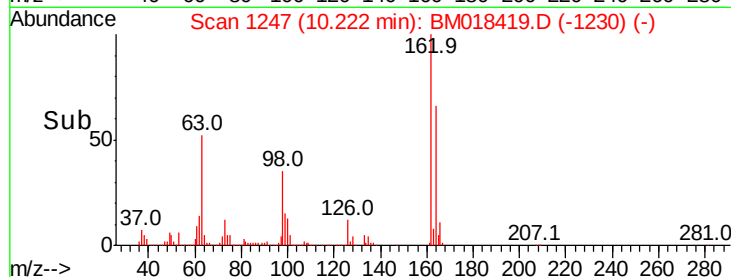
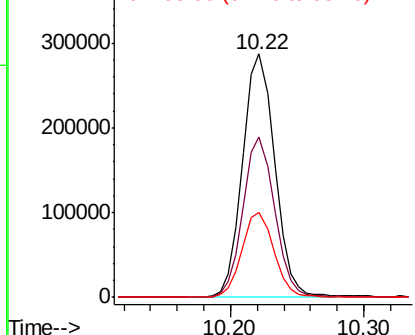


Abundance

Ion 162.00 (161.70 to 162.70): E

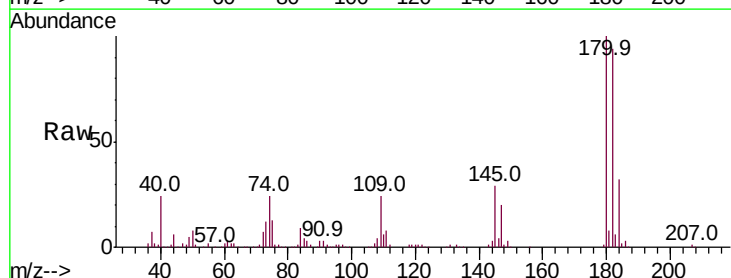
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 13.779 ng
 RT: 10.43 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.4	116.2
145	29.1	24.6	37.0

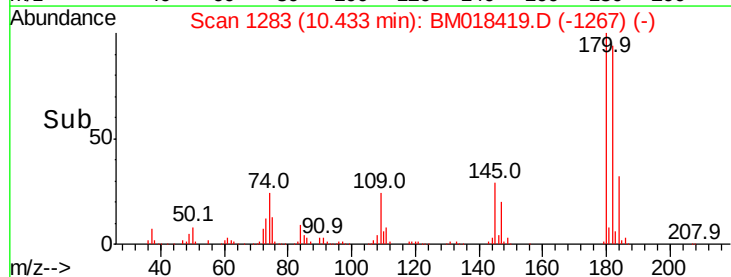
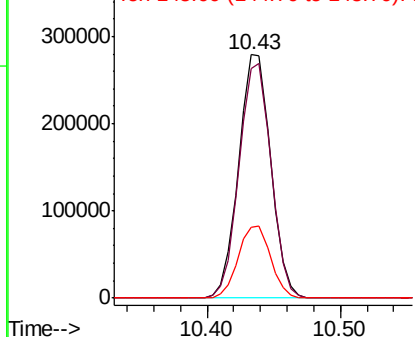


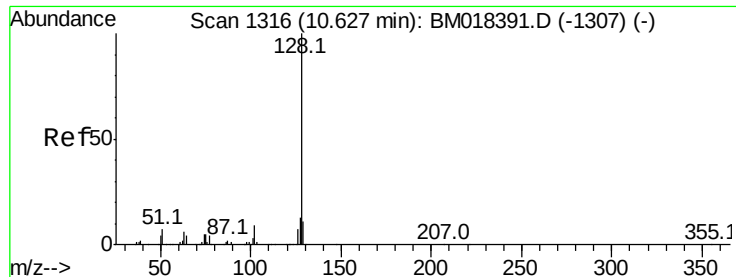
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

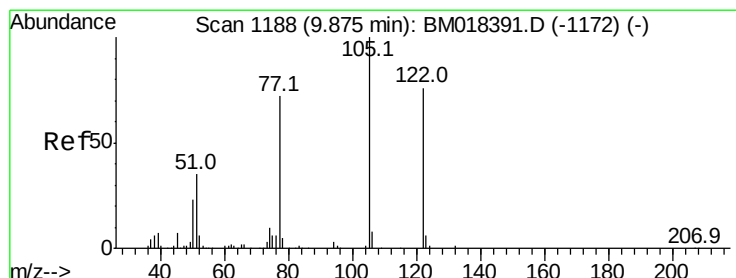
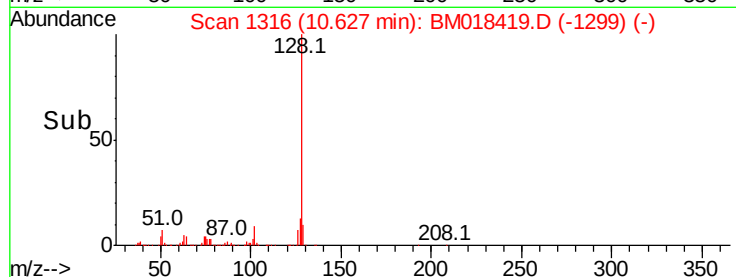
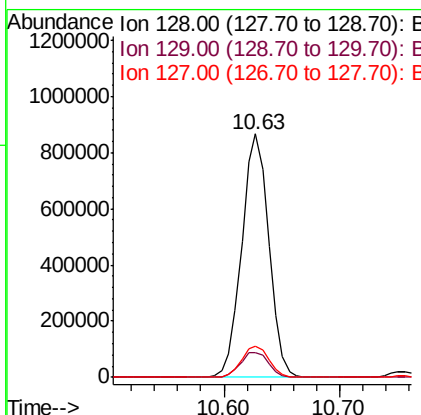
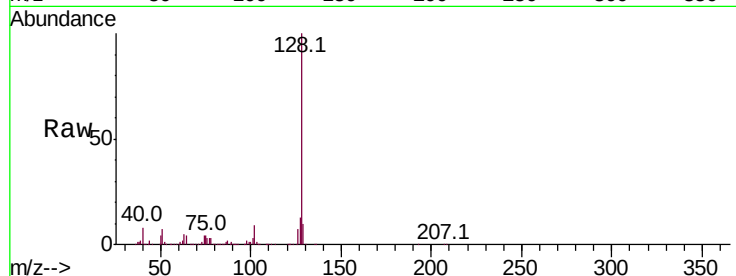




#31
Naphthalene
Concen: 14.759 ng
RT: 10.63 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

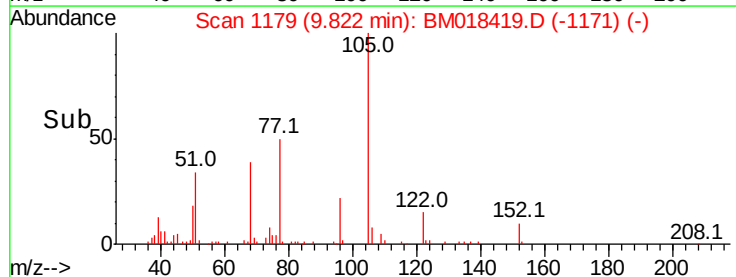
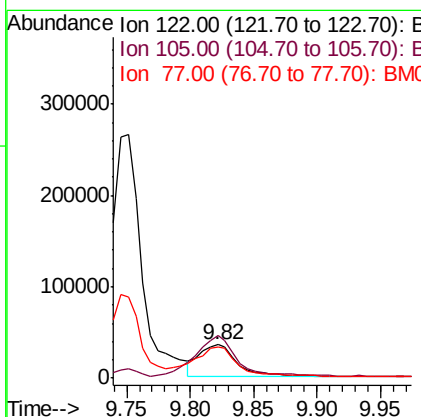
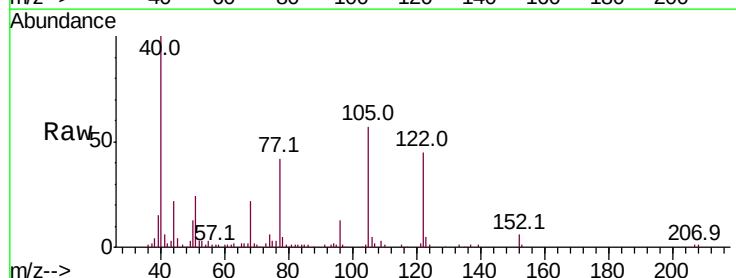
Instrument :
BNA_M
ClientSampleId :
381211744-2MS

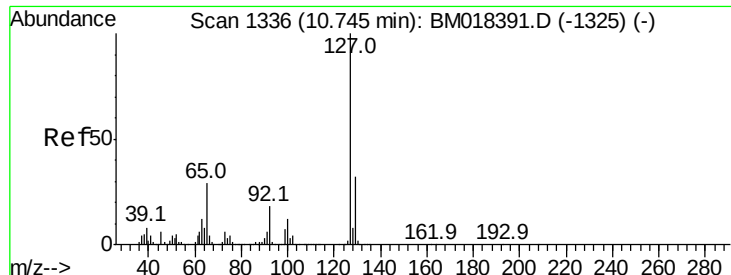
Tot Ion:128 Resp: 1412804
Ion Ratio Lower Upper
128 100
129 10.3 8.7 13.1
127 12.6 10.8 16.2



#32
Benzoic acid
Concen: 9.490 ng
RT: 9.82 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion:122 Resp: 73630
Ion Ratio Lower Upper
122 100
105 127.4 100.4 140.4
77 94.5 71.7 111.7

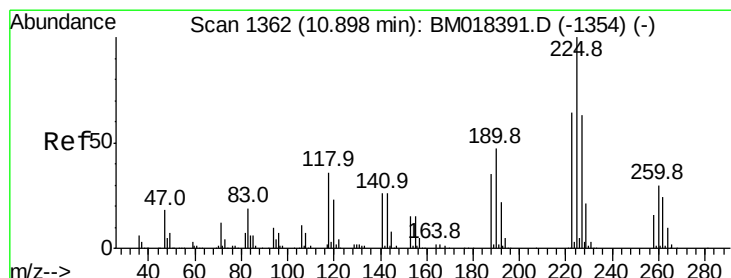
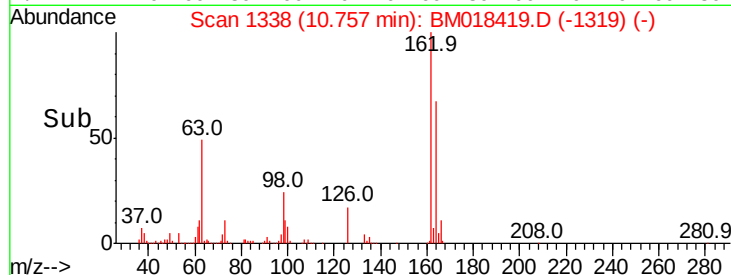
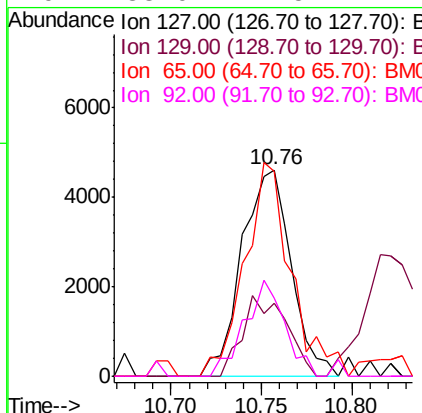
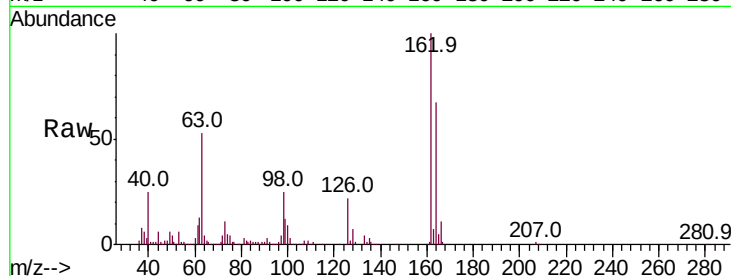




#33
4-Chloroaniline
Concen: 0.200 ng
RT: 10.76 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

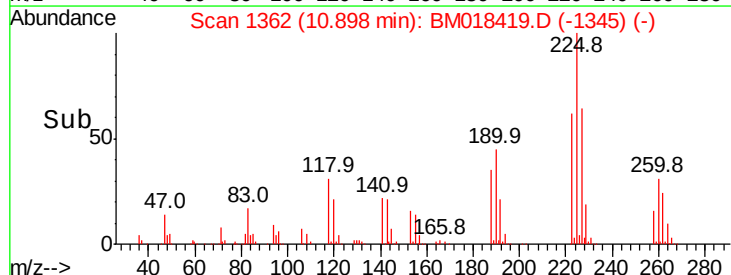
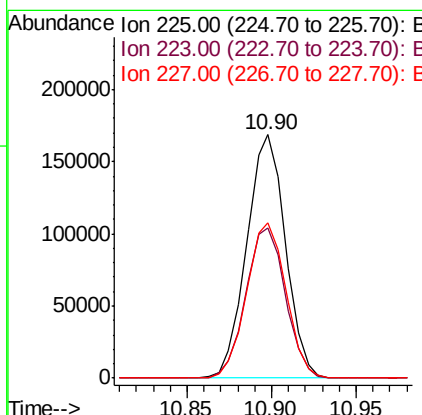
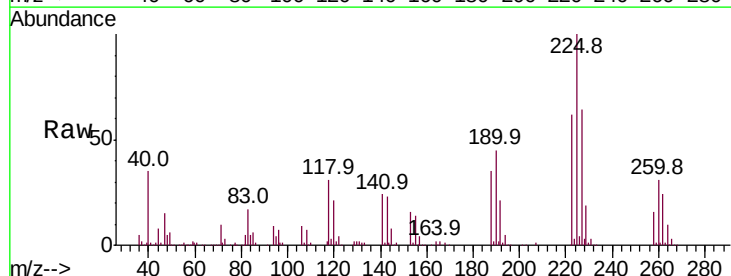
Instrument :
BNA_M
ClientSampleId :
381211744-2MS

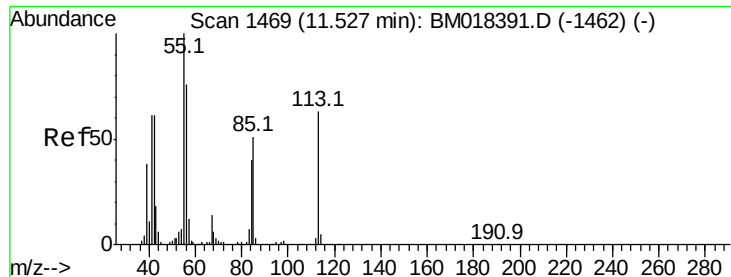
Tot Ion:	127	Resp:	8775
Ion	Ratio	Lower	Upper
127	100		
129	35.2	25.9	38.9
65	99.0	23.4	35.2#
92	38.0	14.5	21.7#



#34
Hexachlorobutadiene
Concen: 13.115 ng
RT: 10.90 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion:	225	Resp:	268245
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.8	76.2
227	64.0	50.4	75.6





#35

Caprolactam

Concen: 0.123 ng

RT: 11.53 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

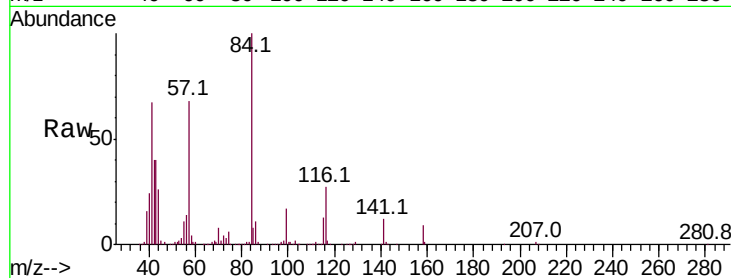
Tot Ion:113 Resp: 1246

Ion Ratio Lower Upper

113 100

55 3539.0 139.3 179.3#

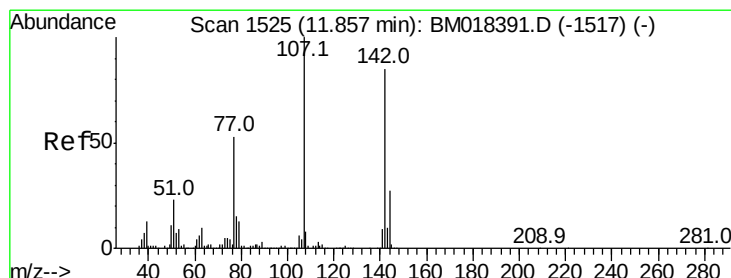
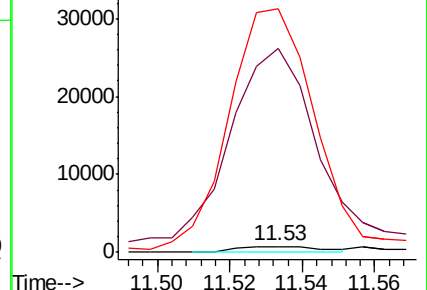
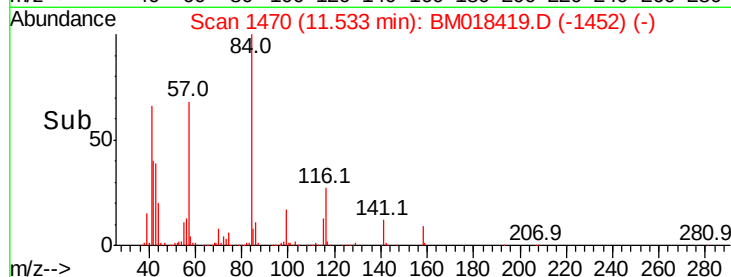
56 4218.1 101.4 141.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 22.188 ng

RT: 11.86 min Scan# 1525

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

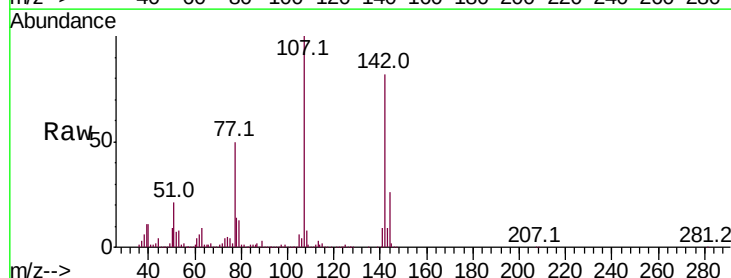
Tgt Ion:107 Resp: 691592

Ion Ratio Lower Upper

107 100

144 25.5 21.9 32.9

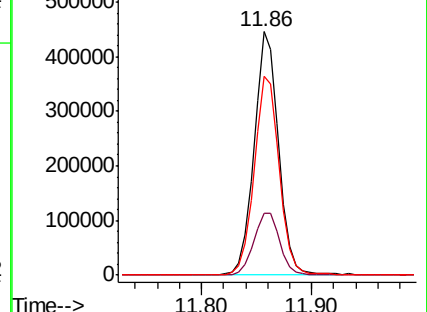
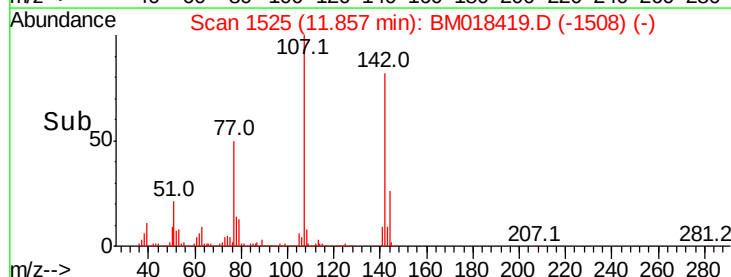
142 81.8 67.9 101.9

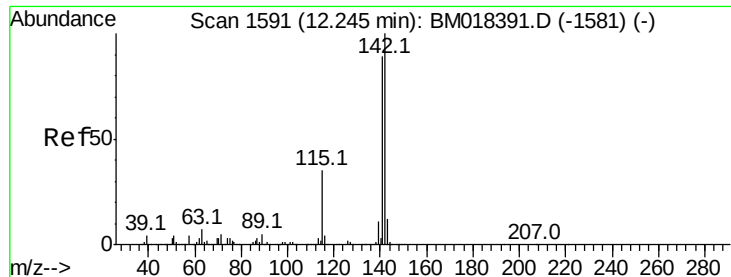


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 0.010 ng

RT: 12.24 min Scan# 1590

Delta R.T. -0.01 min

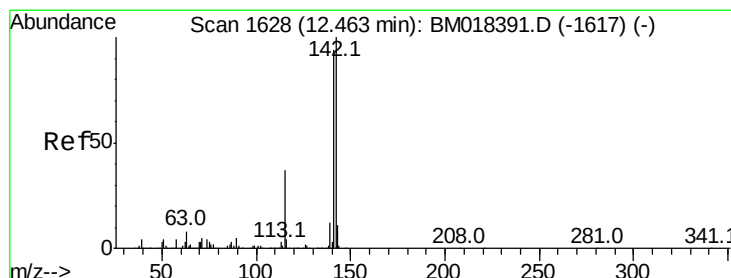
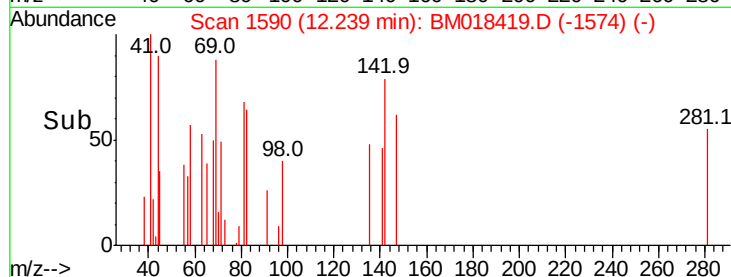
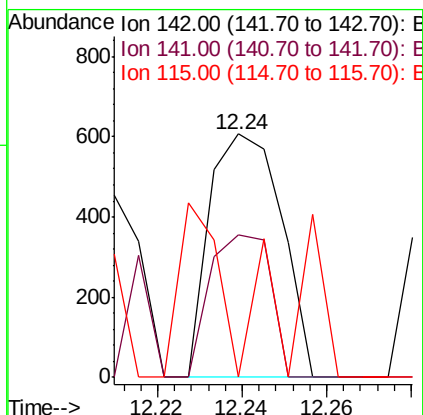
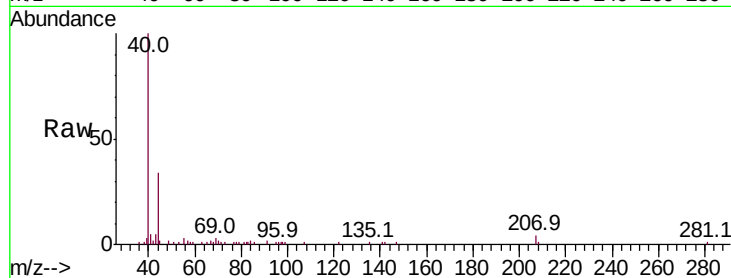
Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :
BNA_M
ClientSampleId :
381211744-2MS

Tot Ion:142 Resp: 716

Ion	Ratio	Lower	Upper
142	100		
141	58.5	71.4	107.2#
115	0.0	28.0	42.0#



#38

1-Methylnaphthalene

Concen: 0.045 ng

RT: 12.46 min Scan# 1628

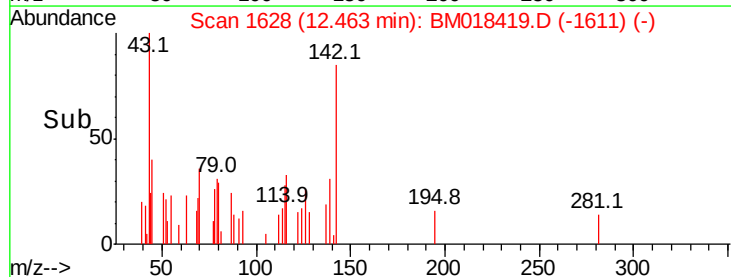
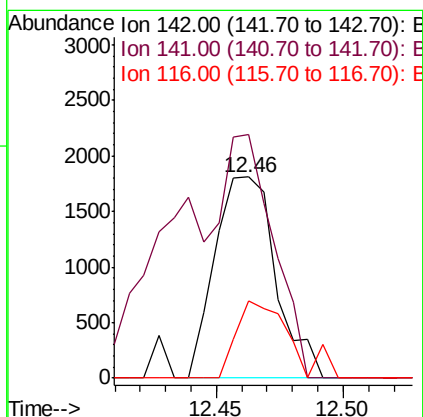
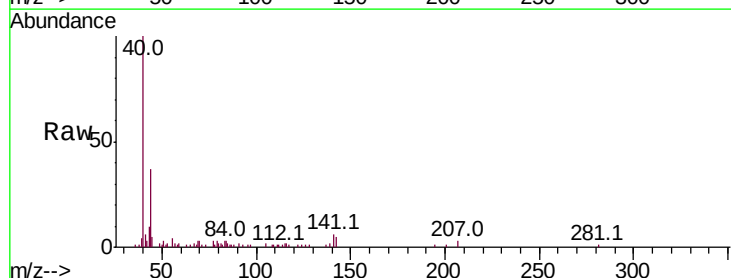
Delta R.T. 0.00 min

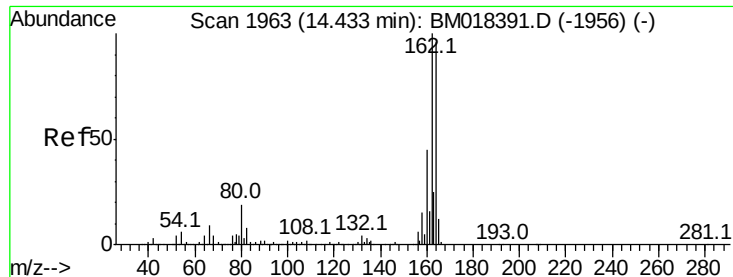
Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Tgt Ion:142 Resp: 3037

Ion	Ratio	Lower	Upper
142	100		
141	121.0	75.6	113.4#
116	38.1	3.0	4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

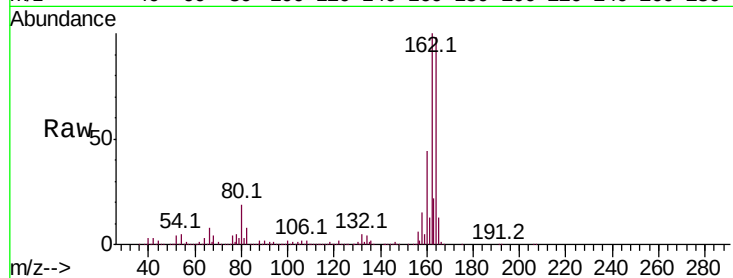
Tot Ion:164 Resp: 1200352

Ion Ratio Lower Upper

164 100

162 102.4 83.0 124.4

160 45.3 37.1 55.7

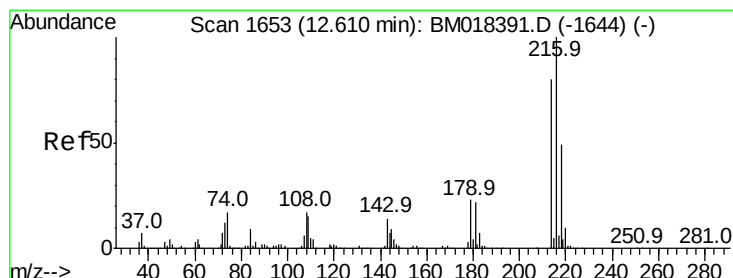
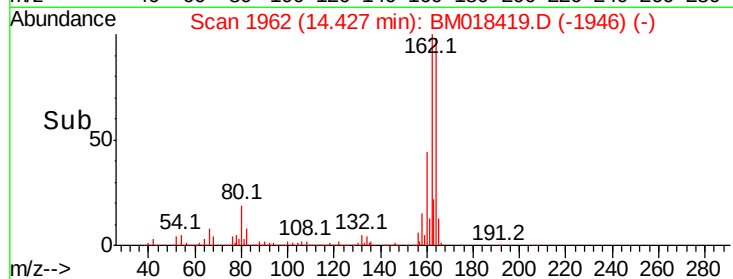
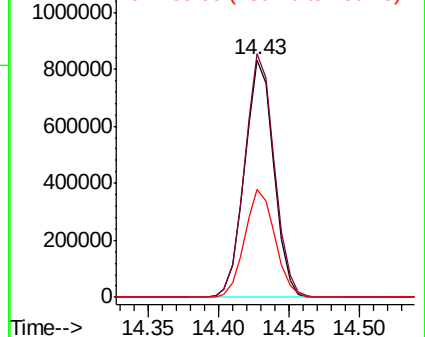


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 14.866 ng

RT: 12.60 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Tgt Ion:216 Resp: 558648

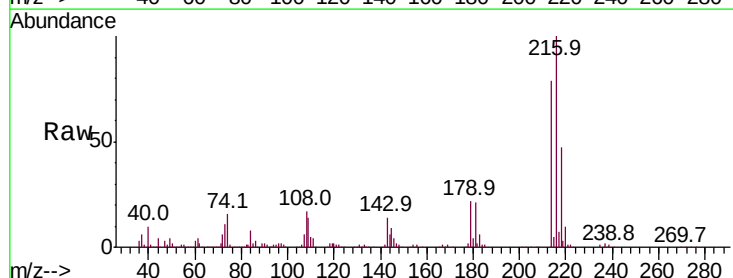
Ion Ratio Lower Upper

216 100

214 77.9 63.4 95.0

179 22.3 17.9 26.9

108 18.1 15.8 23.6



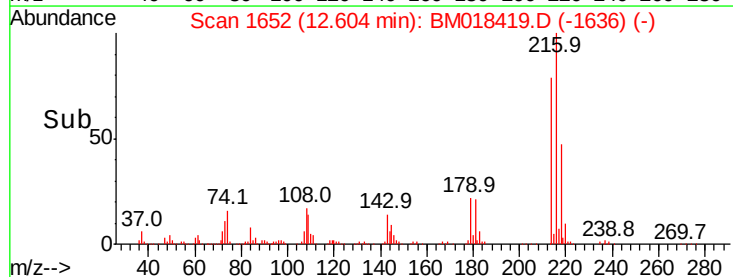
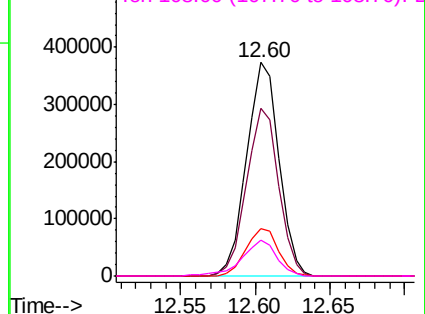
Abundance

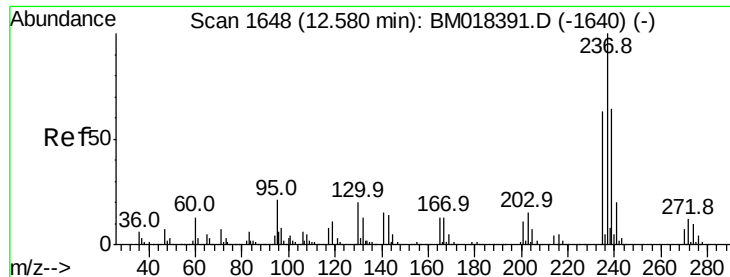
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 13.872 ng

RT: 12.58 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

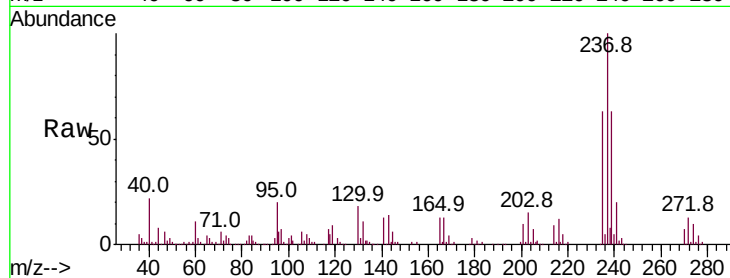
Tot Ion:237 Resp: 252769

Ion Ratio Lower Upper

237 100

235 63.1 42.8 82.8

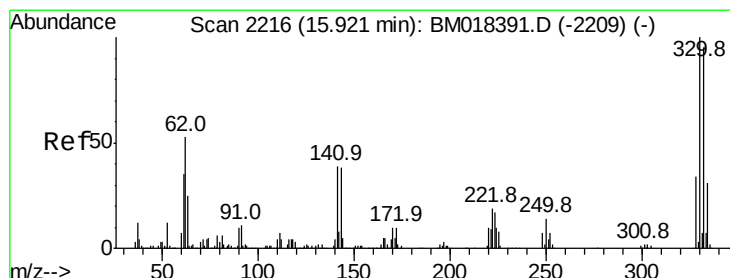
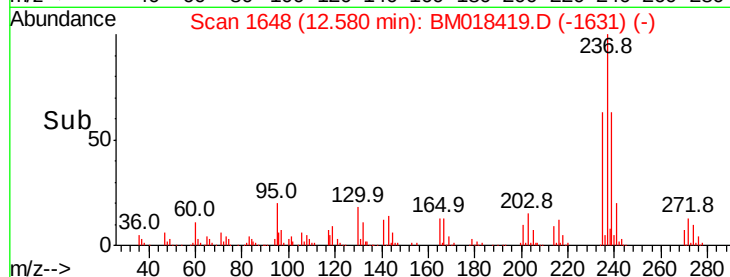
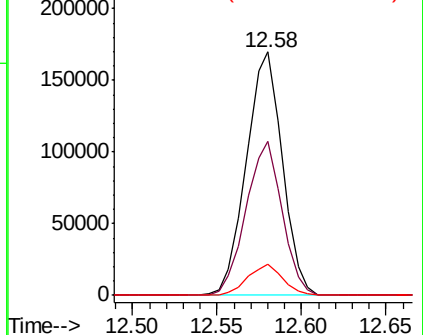
272 12.6 0.0 31.9



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: 57.218 ng

RT: 15.92 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

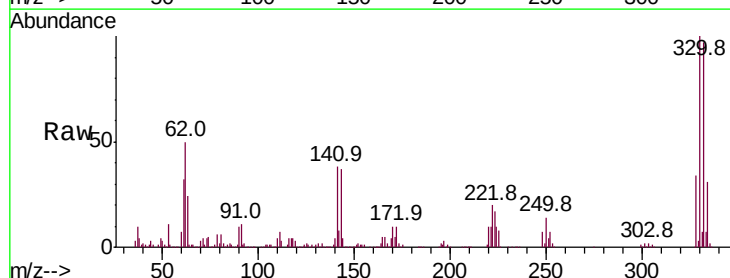
Tgt Ion:330 Resp: 872667

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

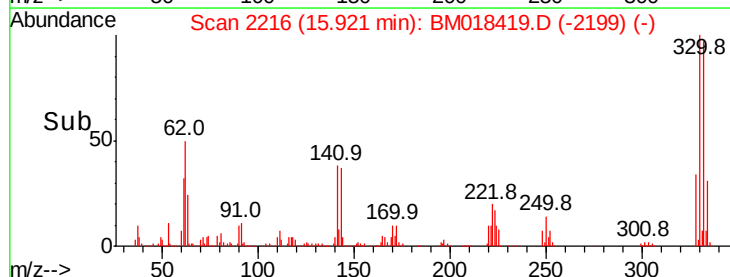
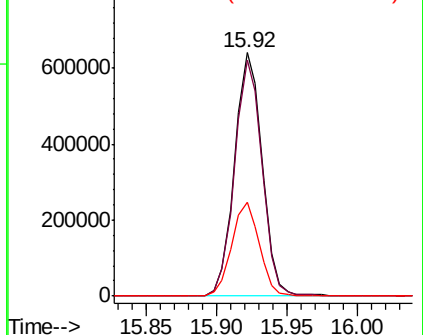
141 38.6 31.7 47.5

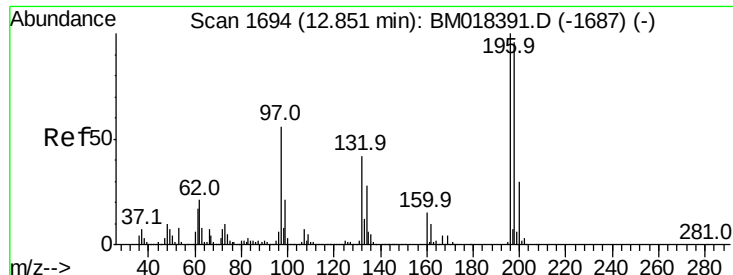


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

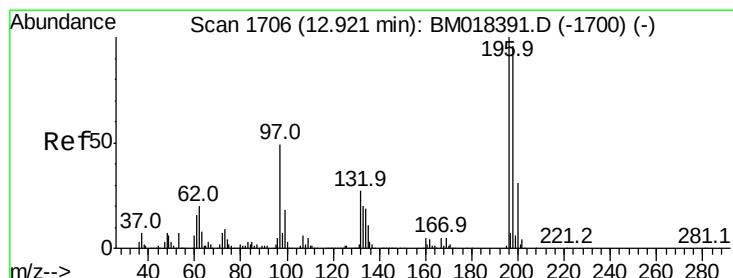
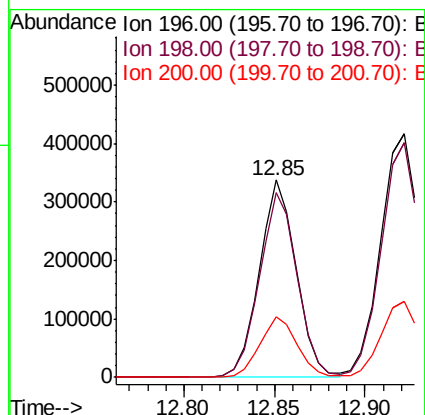
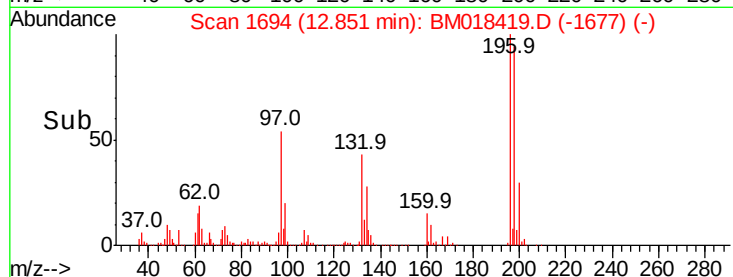
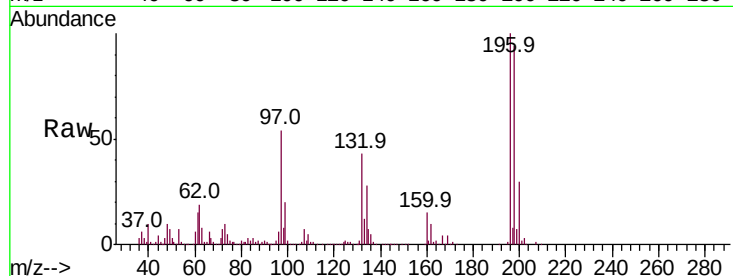




#43
 2,4,6-Trichlorophenol
 Concen: 22.373 ng
 RT: 12.85 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

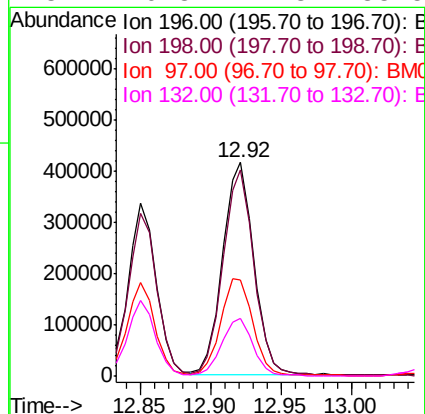
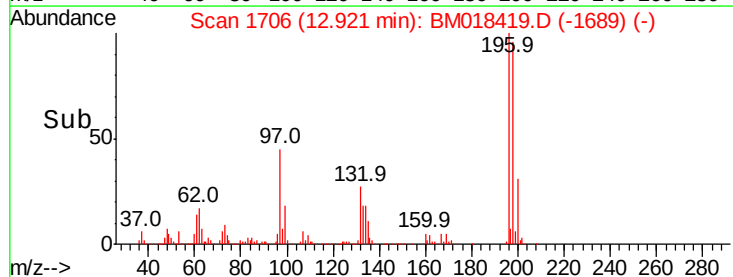
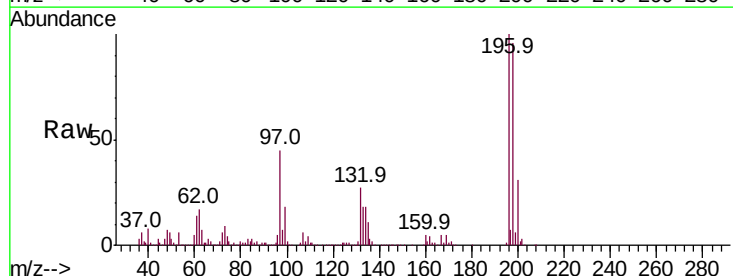
Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MS

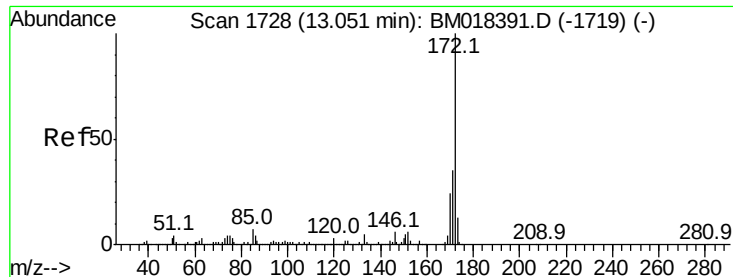
Tot Ion	196	Resp	477578
Ion Ratio	100		
Lower		76.6	115.0
Upper		24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 27.206 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Tgt Ion	196	Resp	634617
Ion Ratio	100		
Lower		76.7	115.1
Upper		39.2	58.8
	132	26.8	22.3

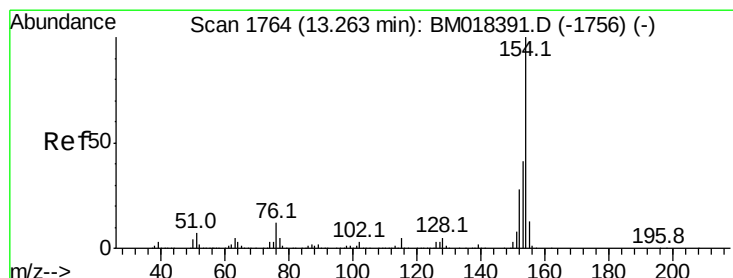
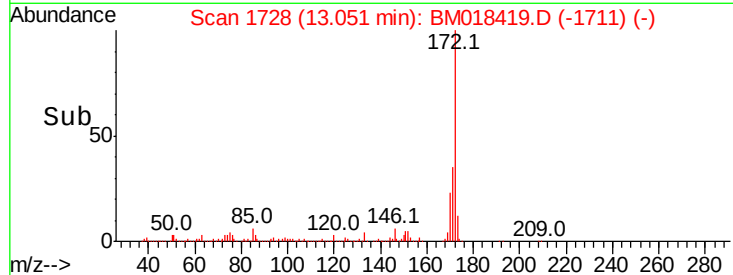
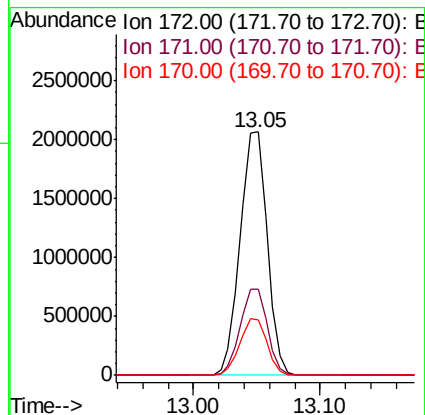
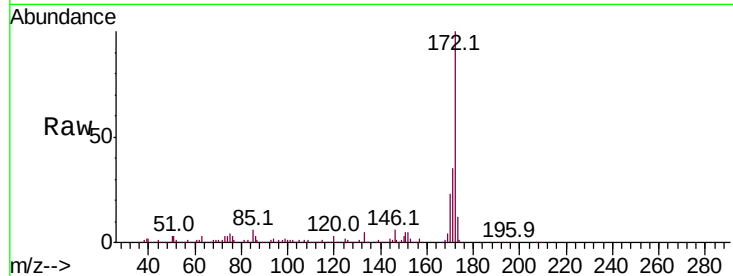




#45
2-Fluorobiphenyl
Concen: 34.562 ng
RT: 13.05 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

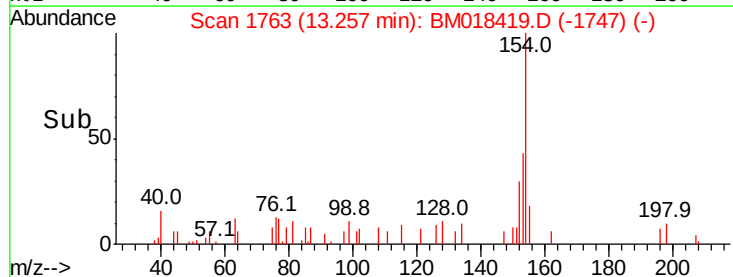
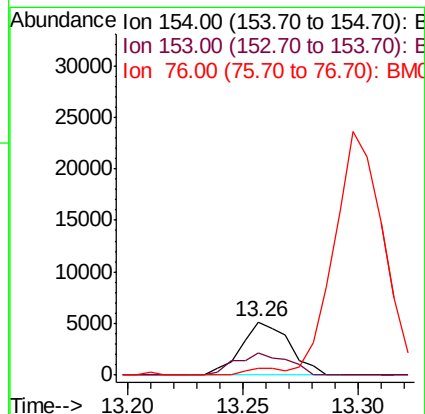
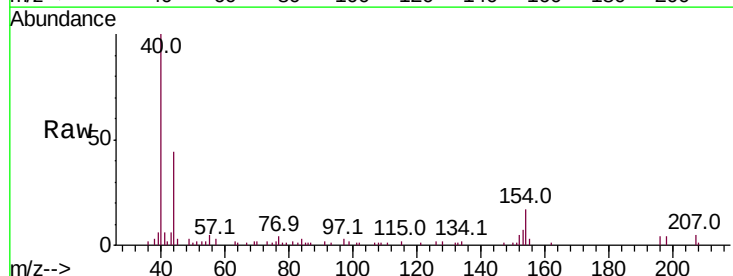
Instrument :
BNA_M
ClientSampleId :
381211744-2MS

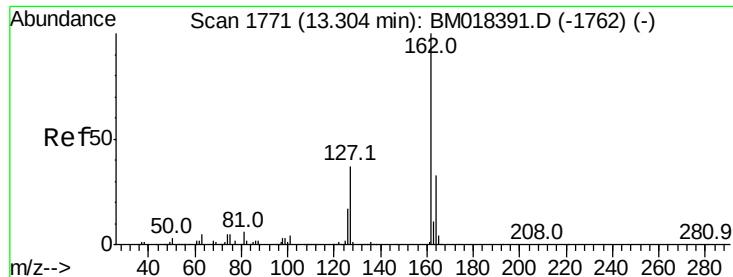
Tot Ion:172 Resp: 3063083
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.0 18.9 28.3



#46
1,1'-Biphenyl
Concen: 0.073 ng
RT: 13.26 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion:154 Resp: 7496
Ion Ratio Lower Upper
154 100
153 42.6 20.5 60.5
76 13.4 0.0 31.9

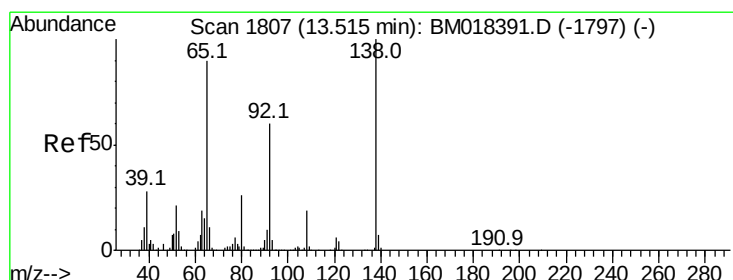
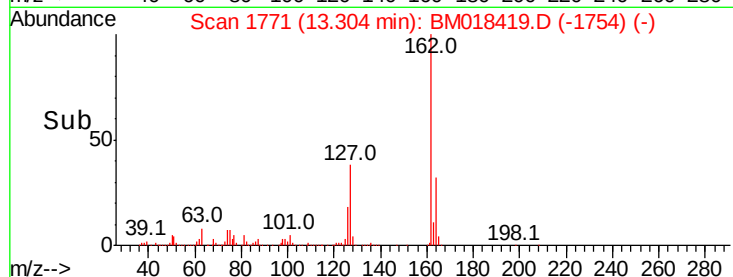
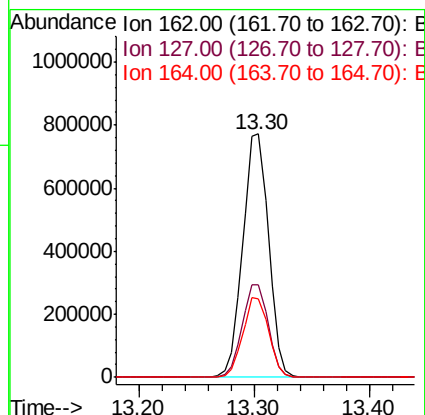
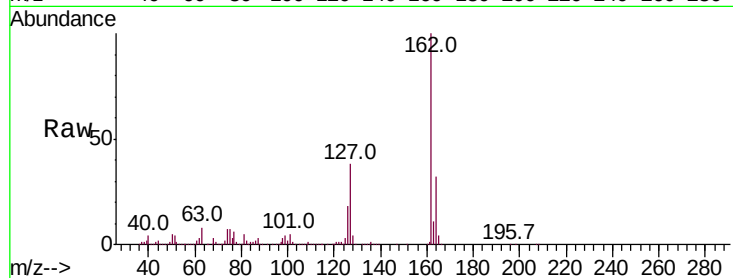




#47
2-Chloronaphthalene
Concen: 15.239 ng
RT: 13.30 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

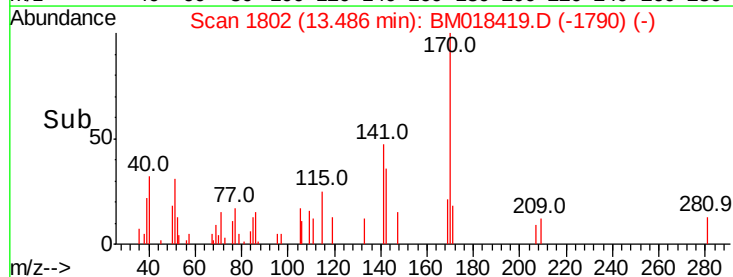
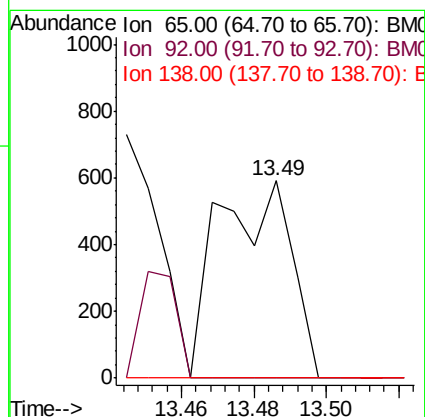
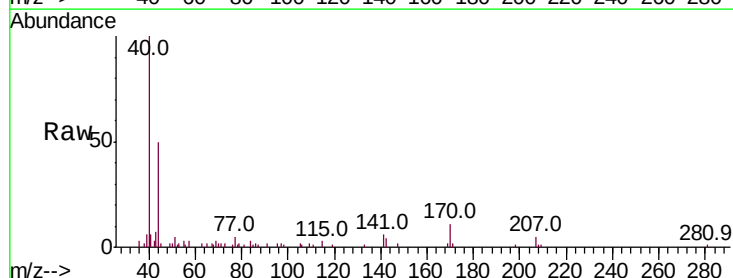
Instrument :
BNA_M
ClientSampleId :
381211744-2MS

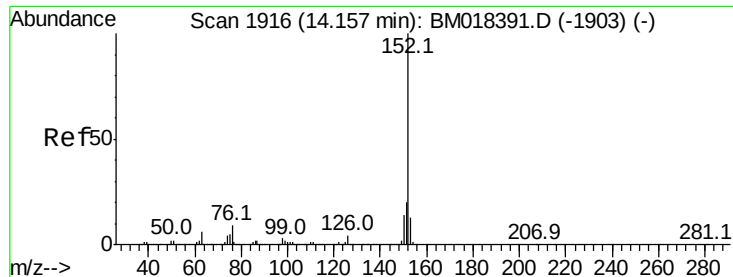
Tot Ion:162 Resp: 1197249
Ion Ratio Lower Upper
162 100
127 38.2 31.4 47.0
164 32.4 26.2 39.4



#48
2-Nitroaniline
Concen: 0.039 ng
RT: 13.49 min Scan# 1802
Delta R.T. -0.03 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion: 65 Resp: 816
Ion Ratio Lower Upper
65 100
92 0.0 53.4 80.2#
138 0.0 88.9 133.3#





#49

Acenaphthylene

Concen: 17.571 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

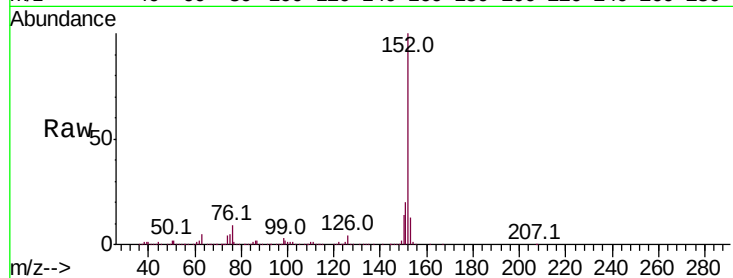
BNA_M

ClientSampleId :

381211744-2MS

Tot Ion:152 Resp: 2125281

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.7	23.5
153	12.9	10.5	15.7

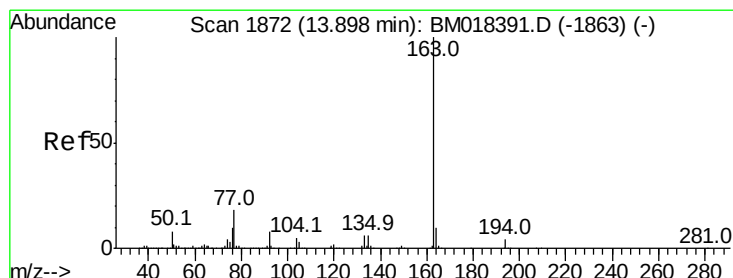
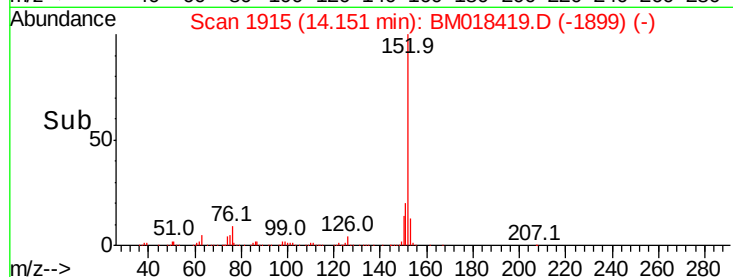
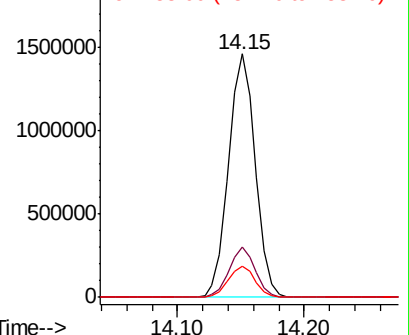


Abundance

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: 21.382 ng

RT: 13.89 min Scan# 1870

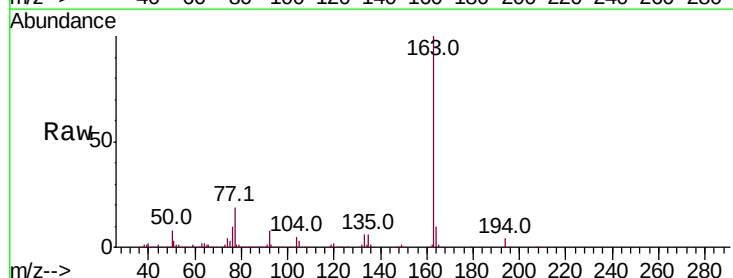
Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Tgt Ion:163 Resp: 2144307

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.1	7.8	11.8

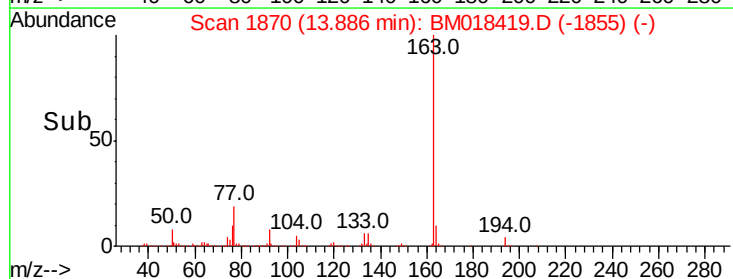
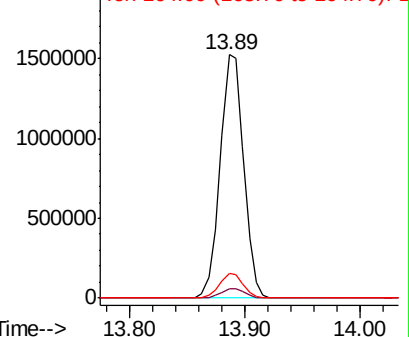


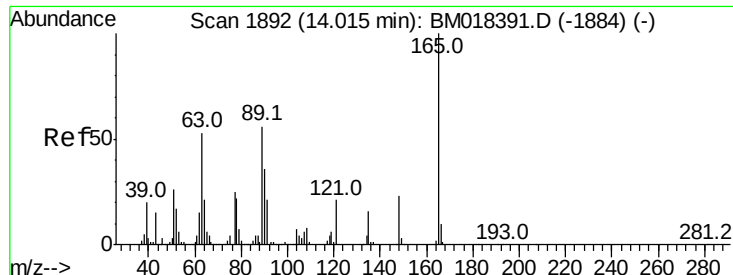
Abundance

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

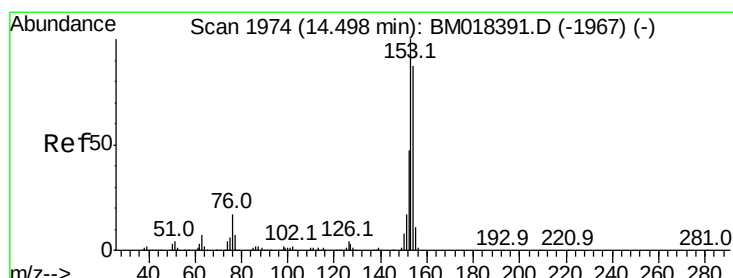
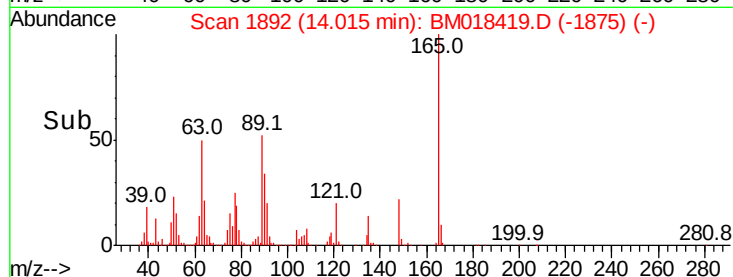
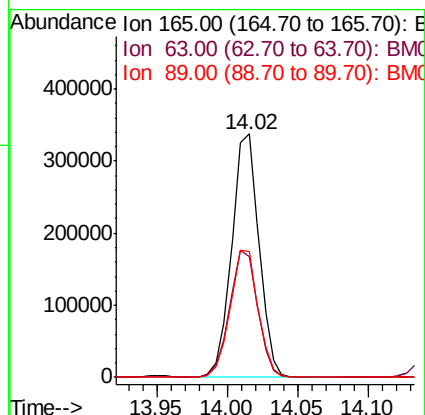
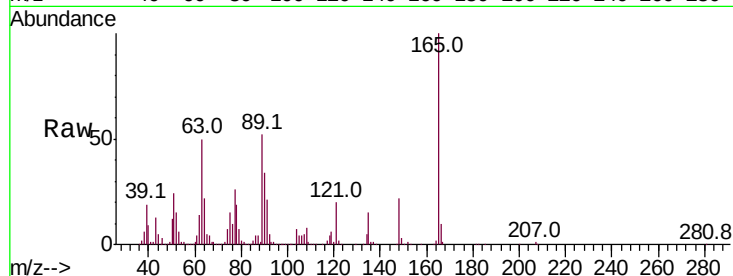




#51
2,6-Dinitrotoluene
Concen: 21.635 ng
RT: 14.02 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

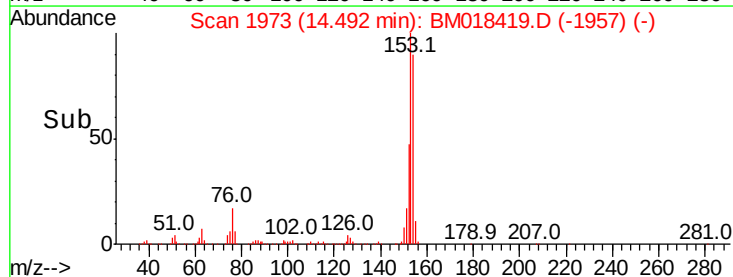
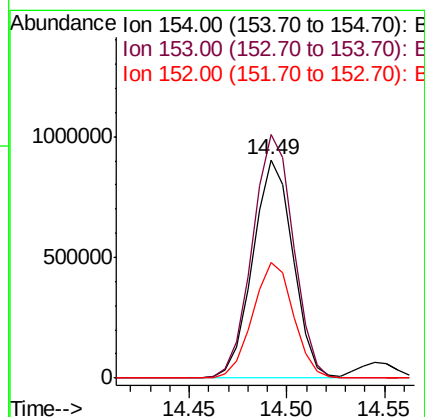
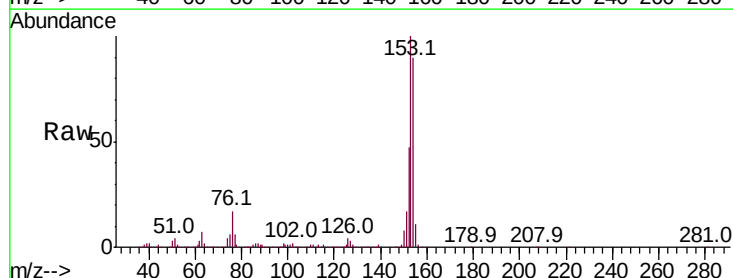
Instrument :
BNA_M
ClientSampleId :
381211744-2MS

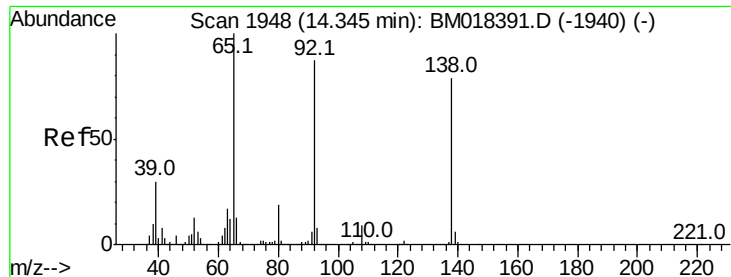
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.7	45.6	68.4
89	51.7	44.6	66.8



#52
Acenaphthene
Concen: 17.667 ng
RT: 14.49 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.4	92.3	138.5
152	52.9	43.8	65.6





#53

3-Nitroaniline

Concen: 0.110 ng

RT: 14.35 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

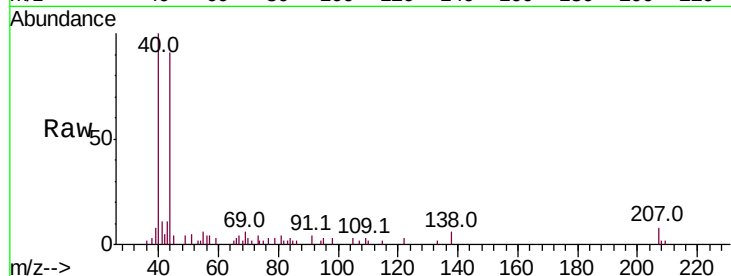
Tot Ion:138 Resp: 2578

Ion Ratio Lower Upper

138 100

108 0.0 9.1 13.7#

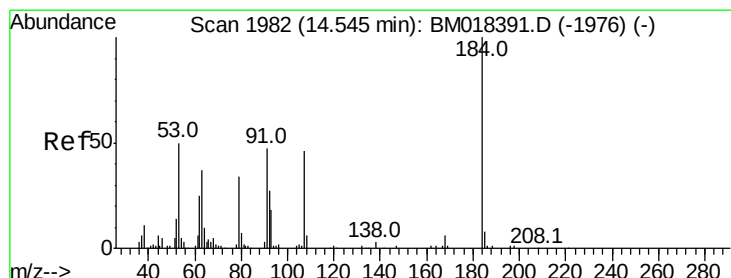
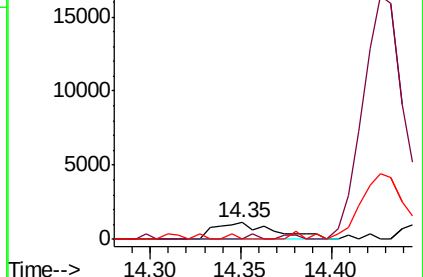
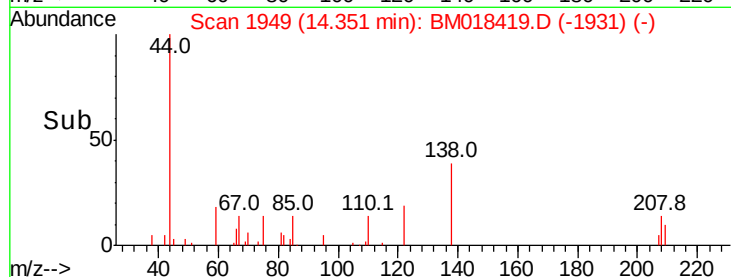
92 0.0 88.2 132.2#



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: 31.343 ng

RT: 14.54 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

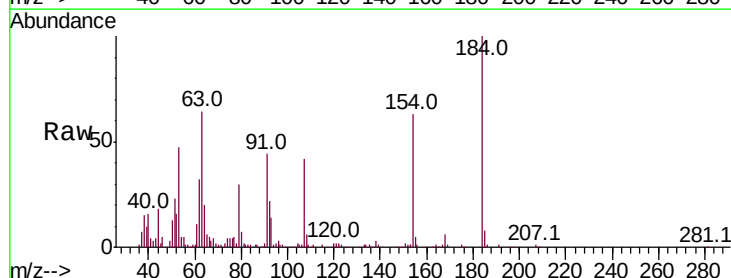
Tgt Ion:184 Resp: 149883

Ion Ratio Lower Upper

184 100

63 63.6 55.9 83.9

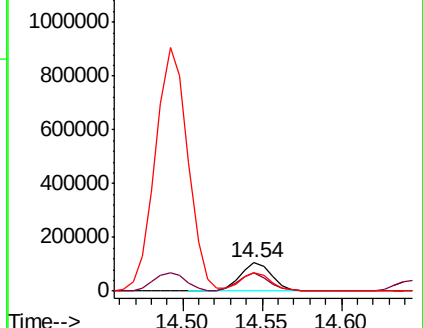
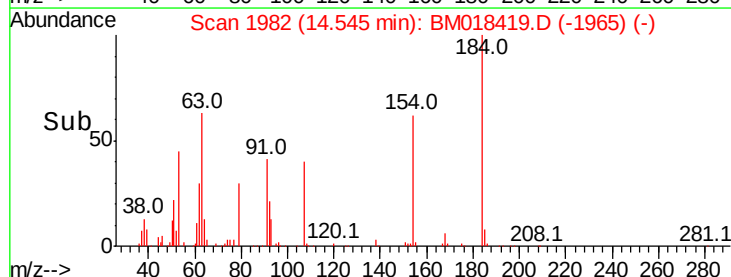
154 62.8 54.2 81.4

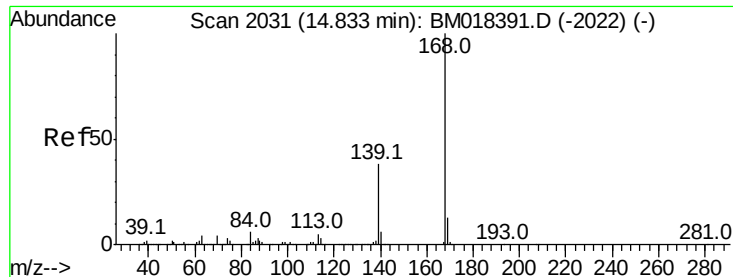


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

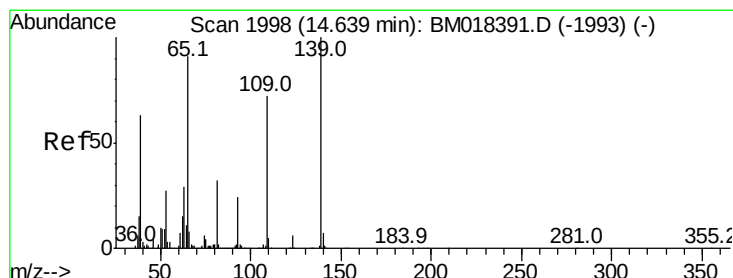
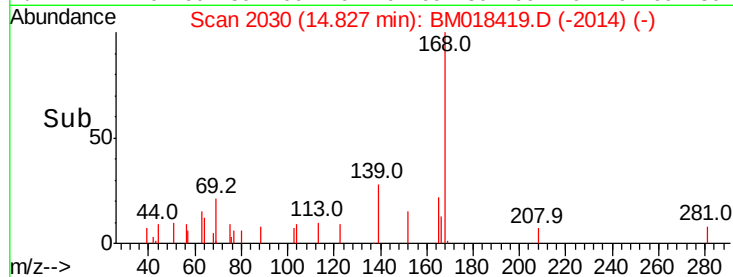
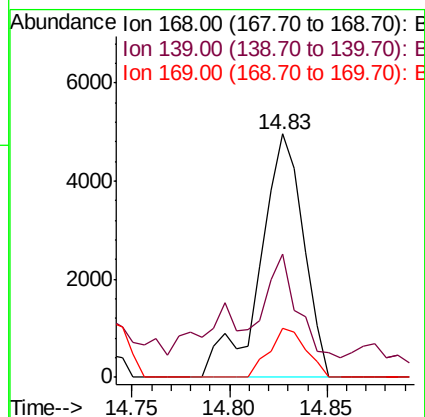
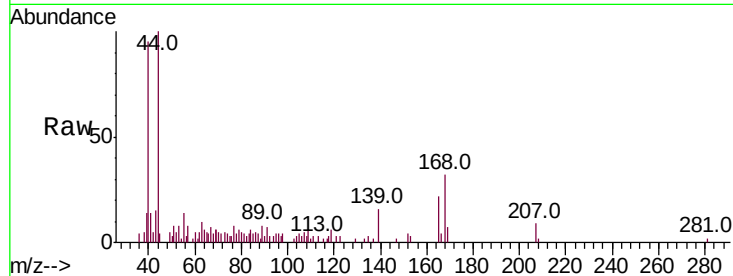




#55
Dibenzofuran
Concen: 0.064 ng
RT: 14.83 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

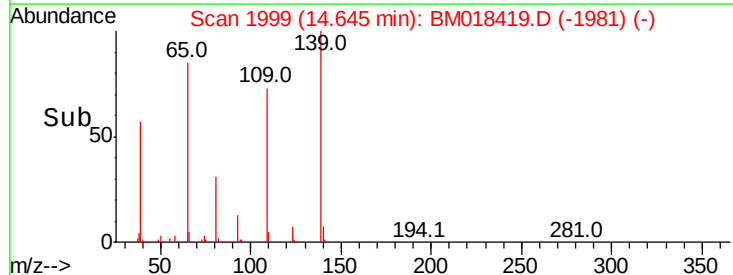
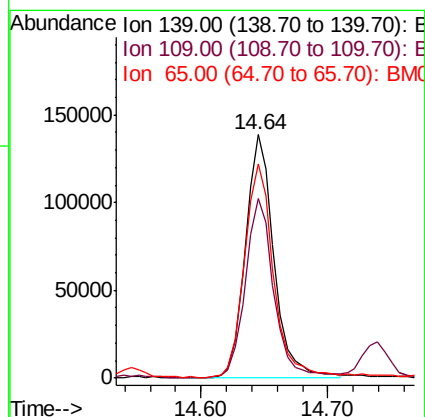
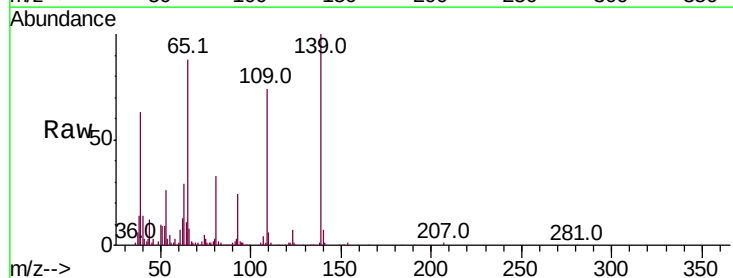
Instrument :
BNA_M
ClientSampleId :
381211744-2MS

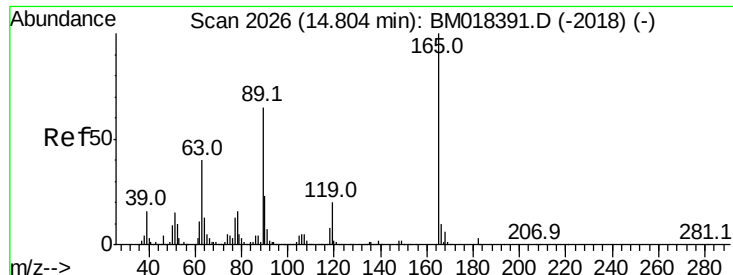
Tot Ion:168 Resp: 7642
Ion Ratio Lower Upper
168 100
139 50.5 30.3 45.5#
169 20.4 10.6 16.0#



#56
4-Nitrophenol
Concen: 15.638 ng
RT: 14.64 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion:139 Resp: 216466
Ion Ratio Lower Upper
139 100
109 73.7 51.7 91.7
65 88.2 71.4 111.4

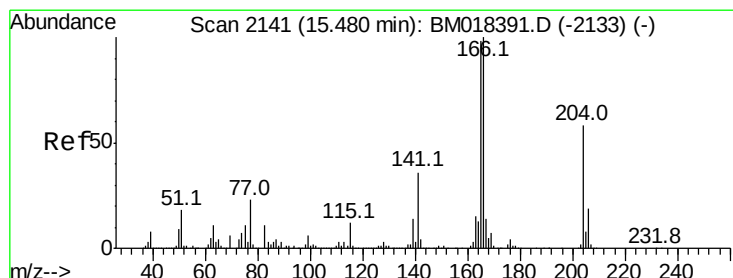
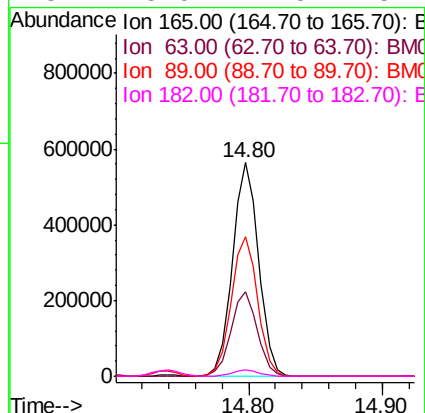
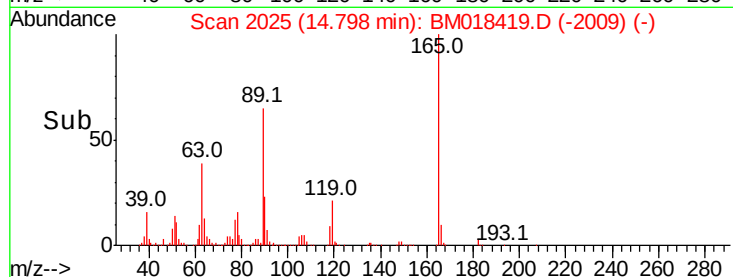
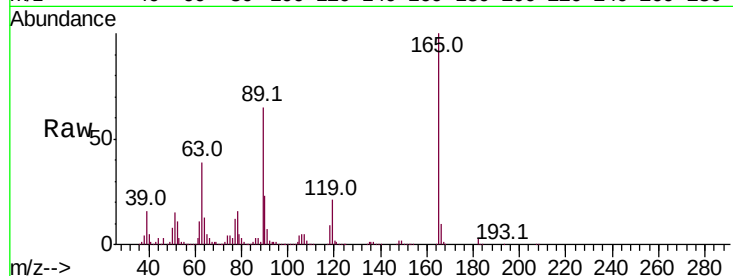




#57
 2,4-Dinitrotoluene
 Concen: 26.942 ng
 RT: 14.80 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

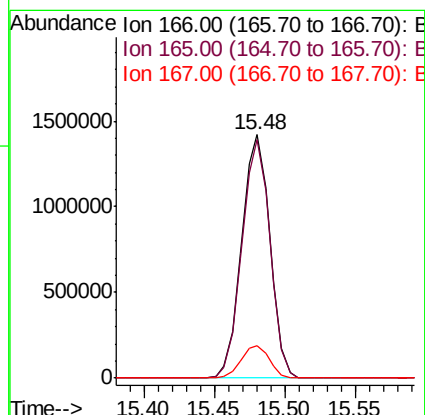
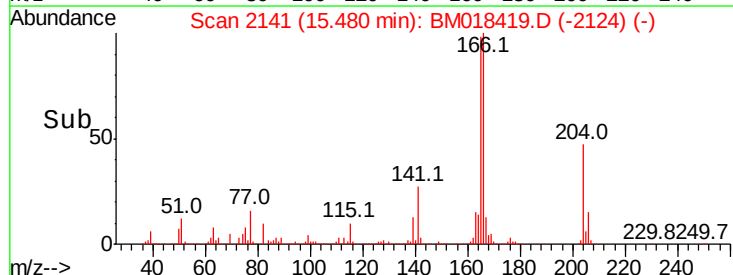
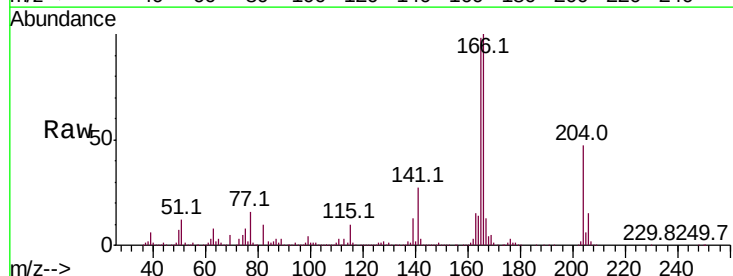
Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MS

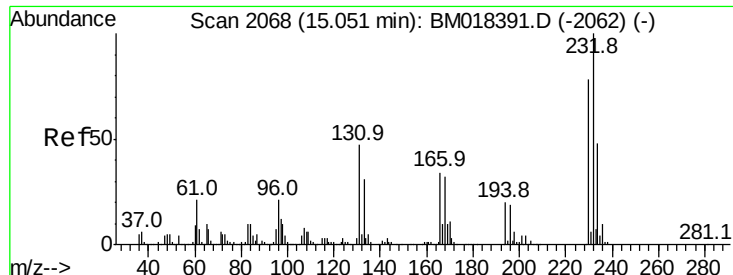
Tot Ion:	165	Resp:	767241
Ion	Ratio	Lower	Upper
165	100		
63	39.4	32.2	48.2
89	65.2	52.1	78.1
182	3.0	2.5	3.7



#58
 Fluorene
 Concen: 21.371 ng
 RT: 15.48 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Tgt Ion:	166	Resp:	1988071
Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.3	117.5
167	13.1	10.9	16.3

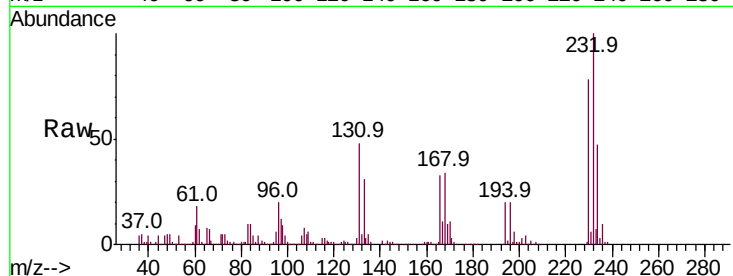




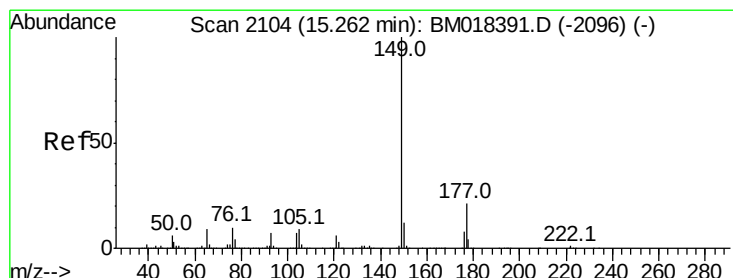
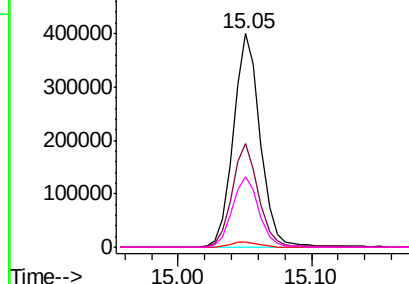
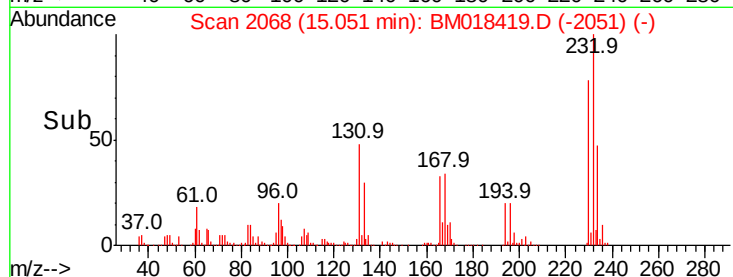
#59
2,3,4,6-Tetrachlorophenol
Concen: 26.001 ng
RT: 15.05 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Instrument :
BNA_M
ClientSampleId :
381211744-2MS

Tot Ion:232 Resp: 560114
Ion Ratio Lower Upper
232 100
131 47.9 38.6 57.8
130 2.6 2.2 3.4
166 33.3 27.2 40.8

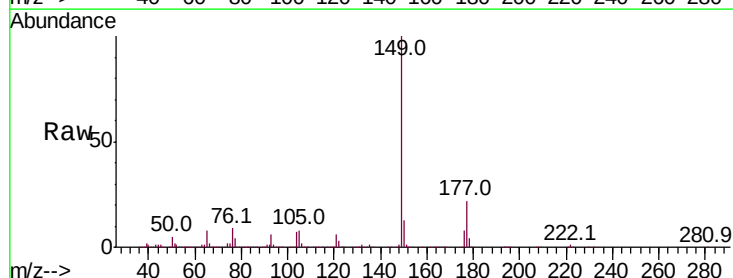


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

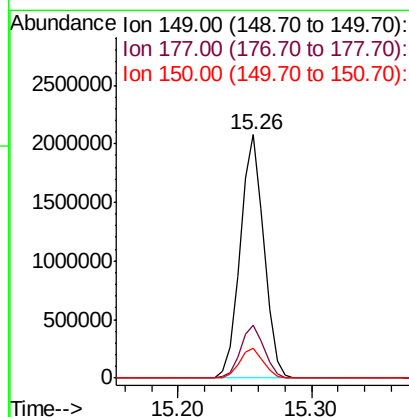
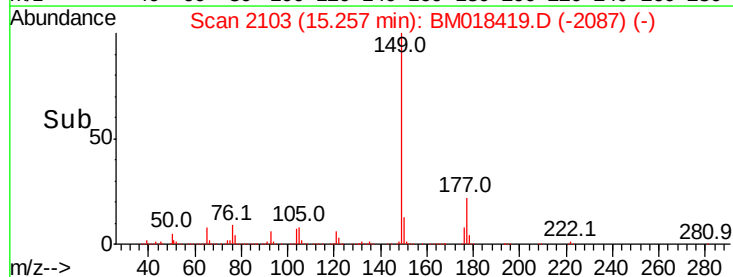


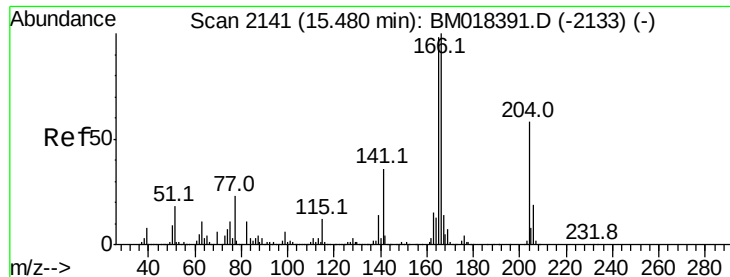
#60
Diethylphthalate
Concen: 24.186 ng
RT: 15.26 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion:149 Resp: 2536877
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 12.5 9.8 14.6



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

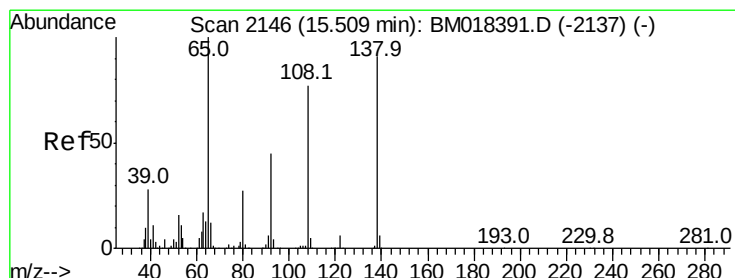
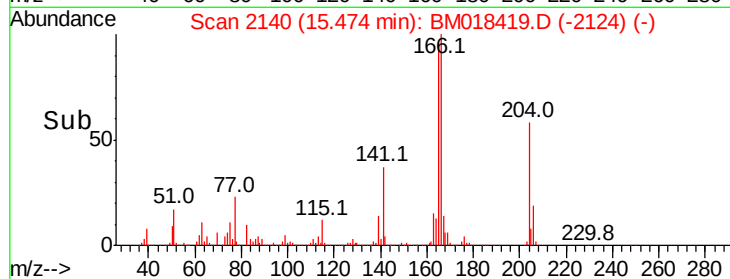
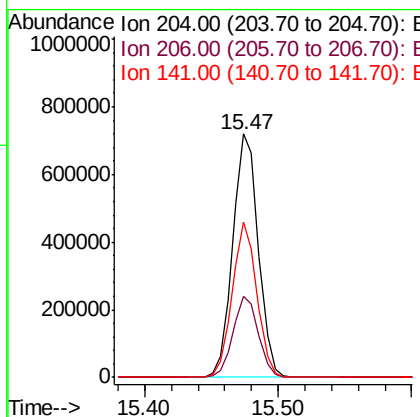
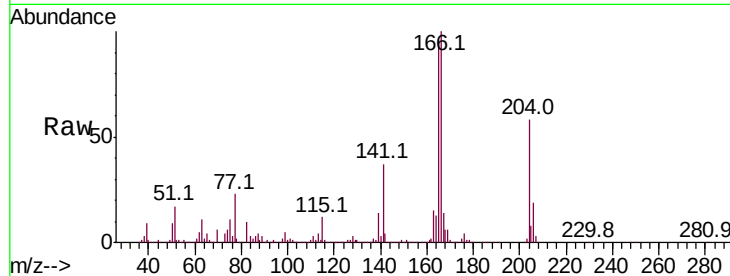




#61
 4-Chlorophenyl-phenylether
 Concen: 18.789 ng
 RT: 15.47 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

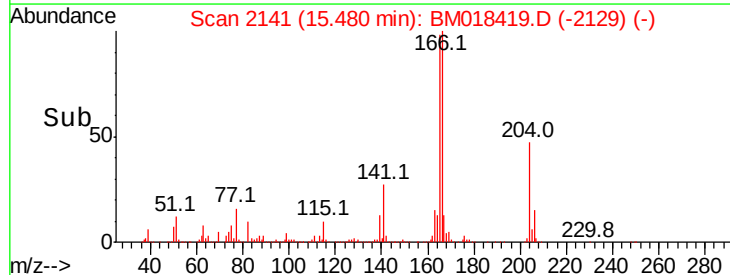
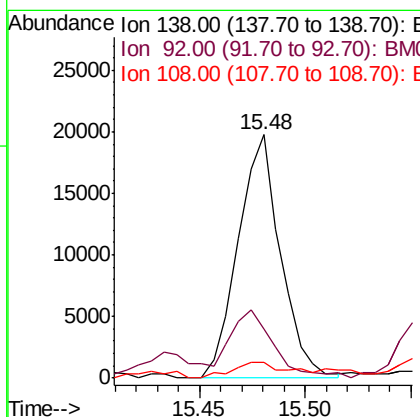
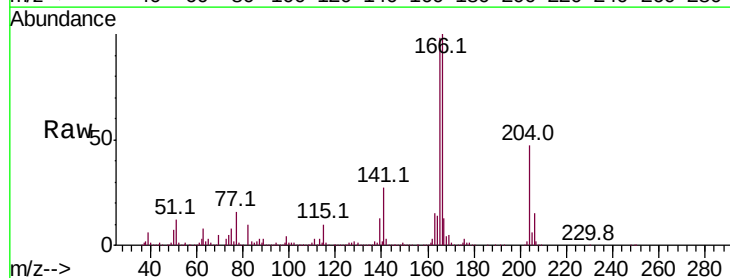
Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MS

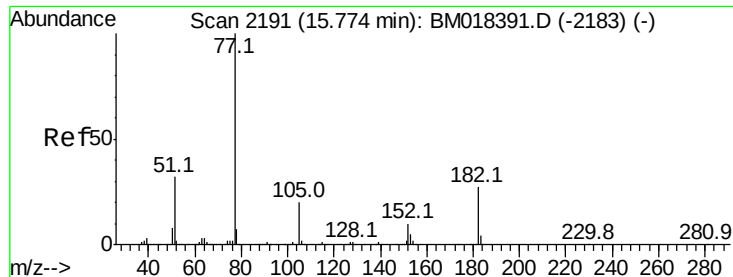
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.8	38.6
141	63.5	49.5	74.3



#62
 4-Nitroaniline
 Concen: 1.106 ng
 RT: 15.48 min Scan# 2141
 Delta R.T. -0.03 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	20.0	29.0	69.0#
108	6.3	63.9	103.9#





#63

Azobenzene

Concen: 19.679 ng

RT: 15.77 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

Tot Ion: 77 Resp: 1881383

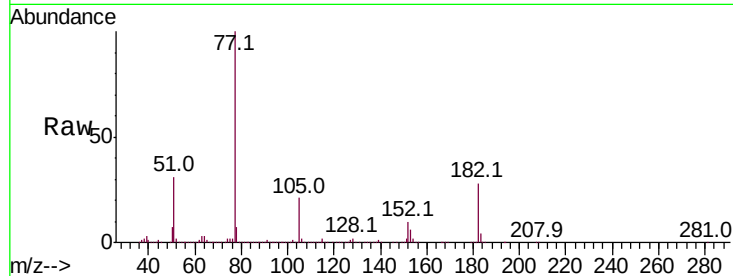
Ion Ratio Lower Upper

77 100

182 27.5 7.4 47.4

105 20.7 0.0 39.6

51 31.4 12.0 52.0

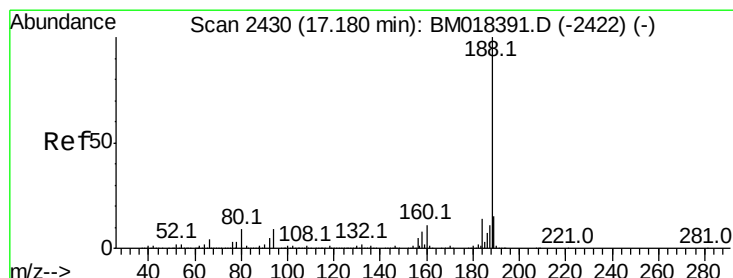
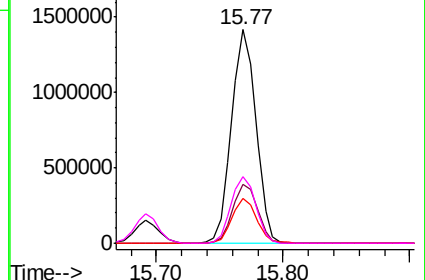
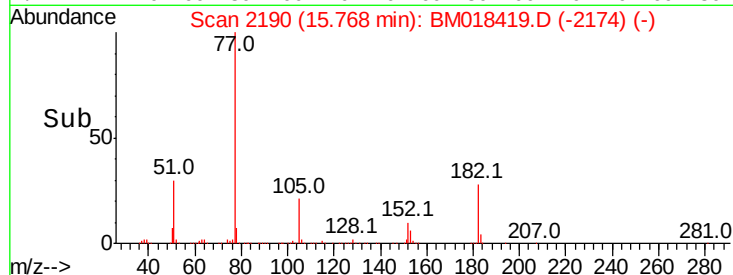


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.18 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

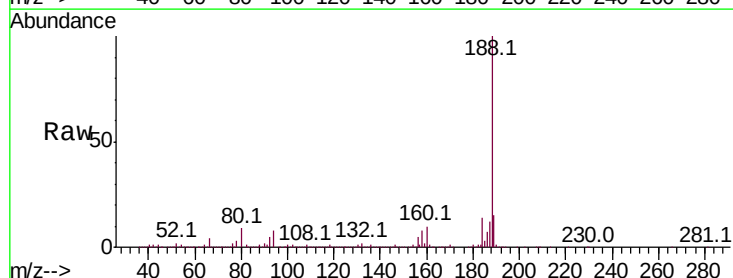
Tgt Ion: 188 Resp: 2744026

Ion Ratio Lower Upper

188 100

94 8.2 7.1 10.7

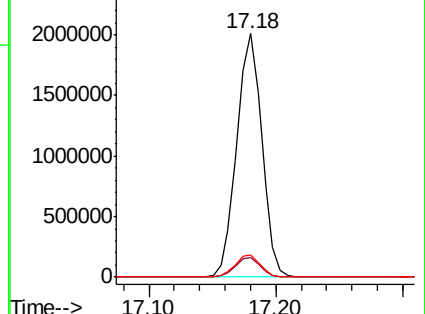
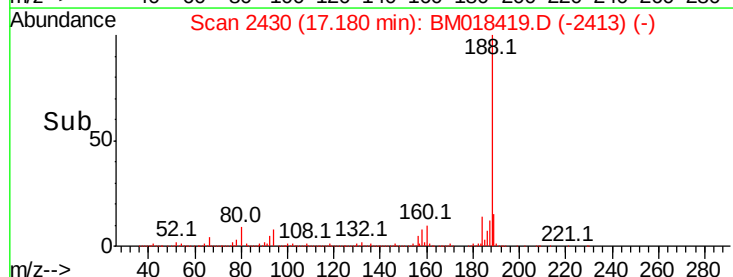
80 9.2 7.6 11.4

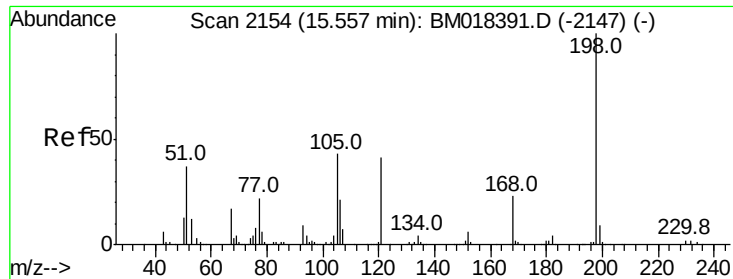


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

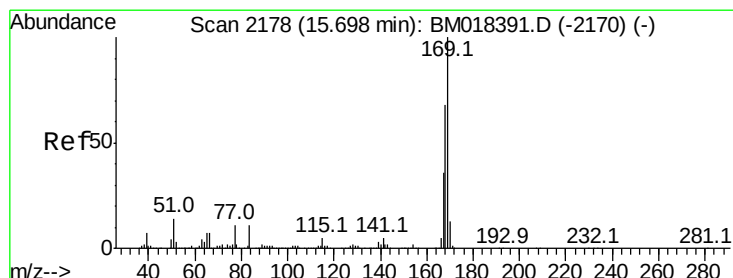
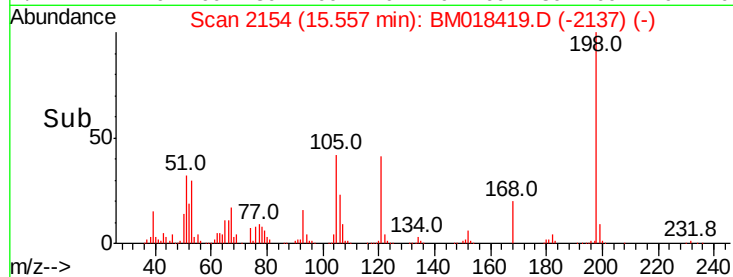
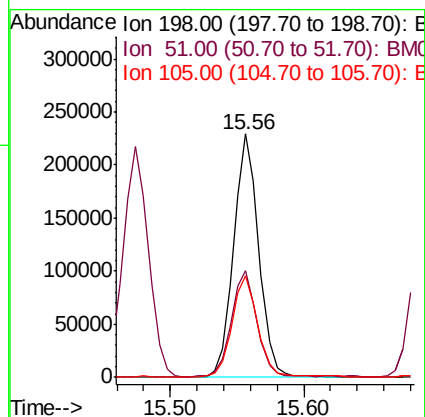
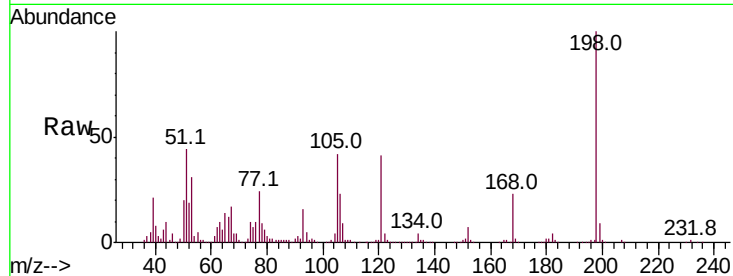




#65
4,6-Dinitro-2-methylphenol
Concen: 30.920 ng
RT: 15.56 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

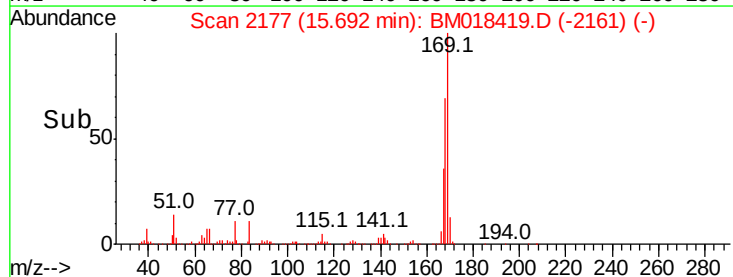
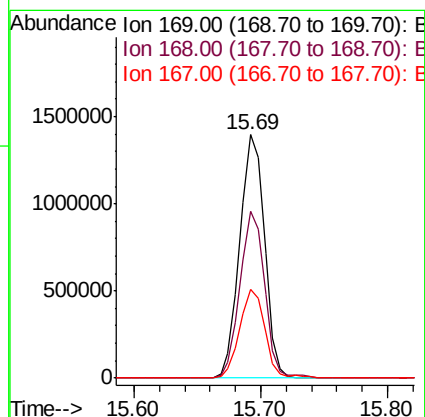
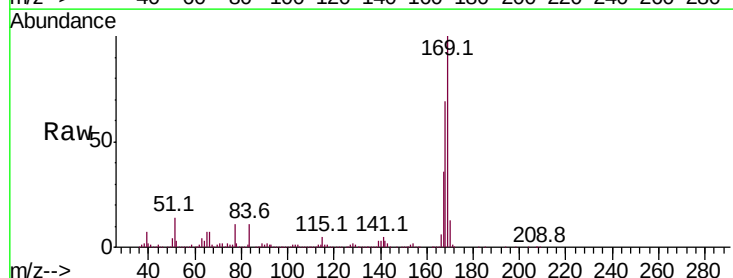
Instrument :
BNA_M
ClientSampleId :
381211744-2MS

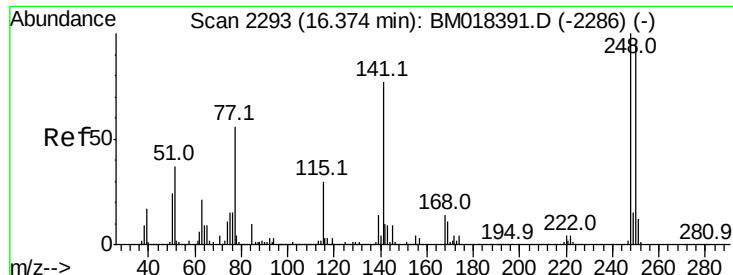
Tot Ion:198 Resp: 301720
Ion Ratio Lower Upper
198 100
51 43.9 29.6 69.6
105 41.9 25.5 65.5



#66
n-Nitrosodiphenylamine
Concen: 22.056 ng
RT: 15.69 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion:169 Resp: 1886243
Ion Ratio Lower Upper
169 100
168 68.7 54.1 81.1
167 36.2 28.6 42.8

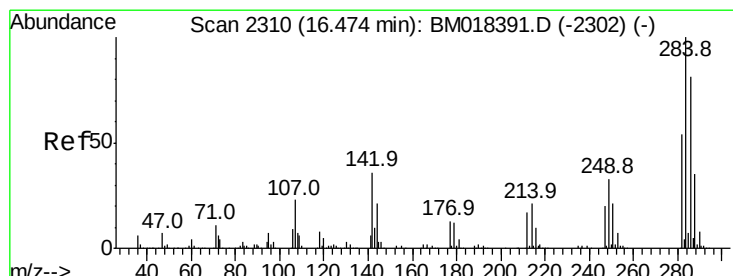
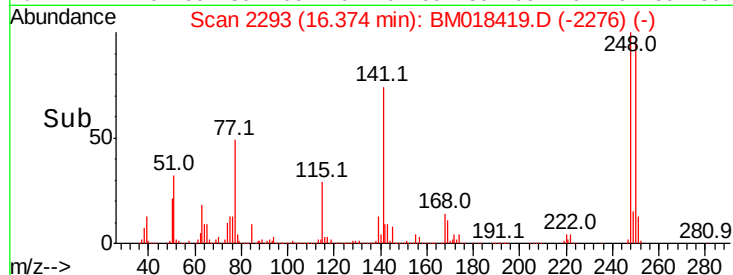
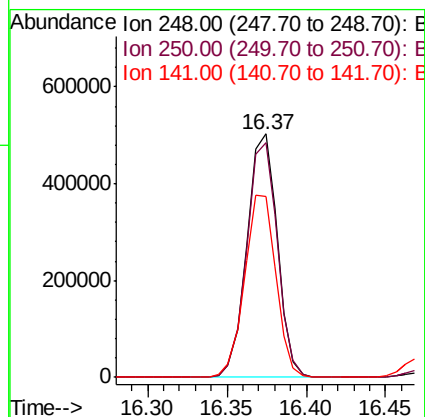
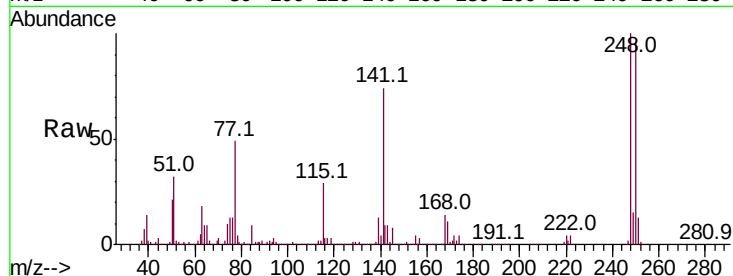




#67
4-Bromophenyl-phenylether
Concen: 22.443 ng
RT: 16.37 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

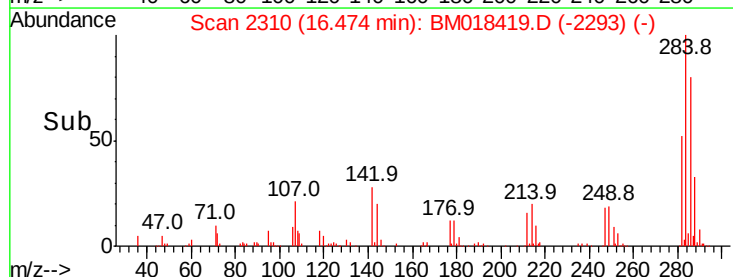
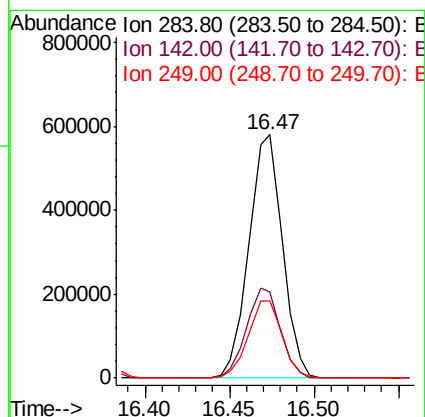
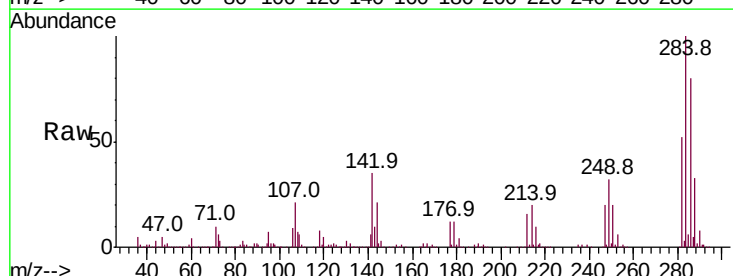
Instrument :
BNA_M
ClientSampleId :
381211744-2MS

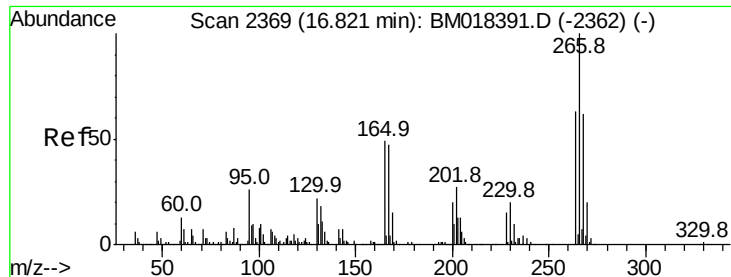
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.0	114.0
141	74.0	61.5	92.3



#68
Hexachlorobenzene
Concen: 23.780 ng
RT: 16.47 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	29.2	43.8
249	31.9	26.1	39.1

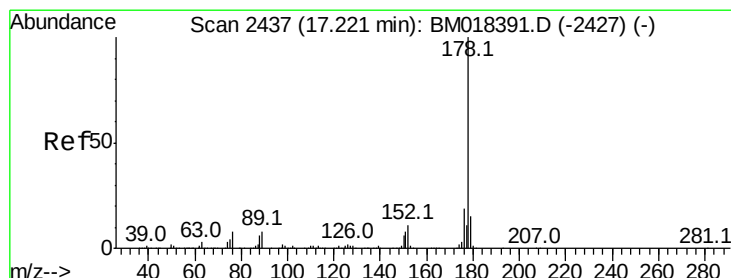
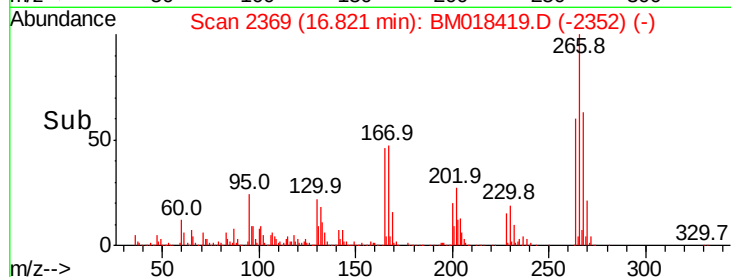
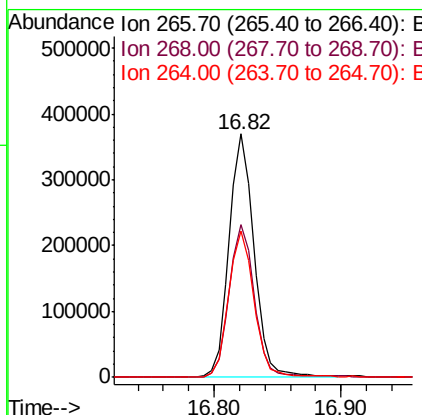
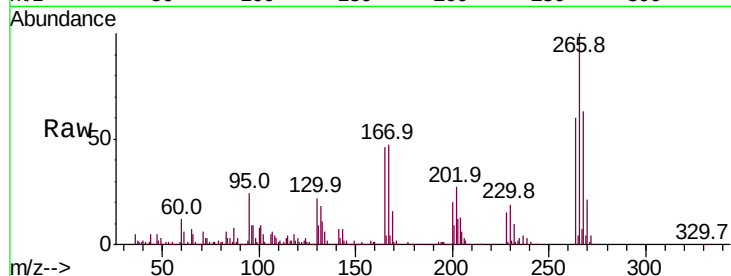




#70
 Pentachlorophenol
 Concen: 25.575 ng
 RT: 16.82 min Scan# 2369
 Delta R.T. 0.00 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

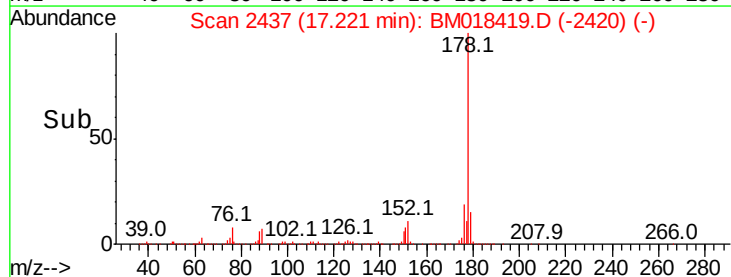
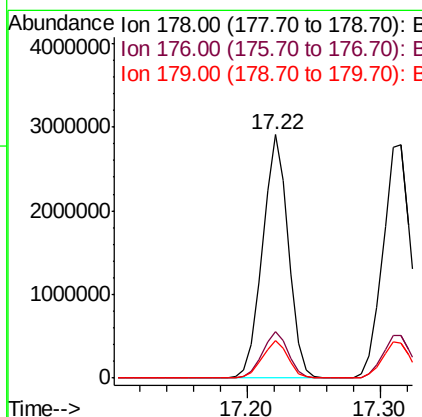
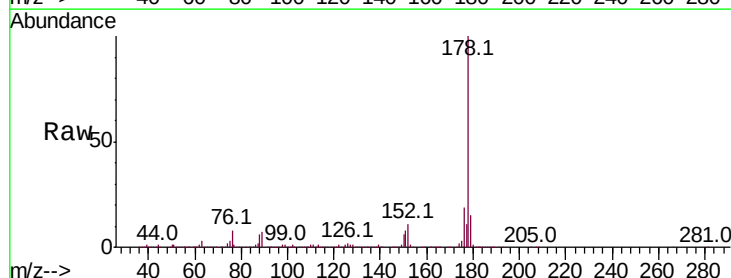
Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MS

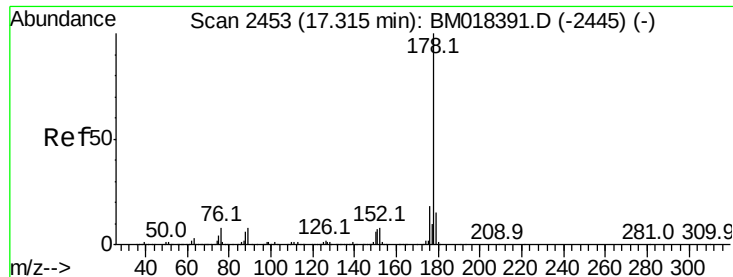
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	49.8	74.6
264	60.3	50.1	75.1



#71
 Phenanthrene
 Concen: 26.560 ng
 RT: 17.22 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.4	12.2	18.4





#72

Anthracene

Concen: 27.732 ng

RT: 17.32 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

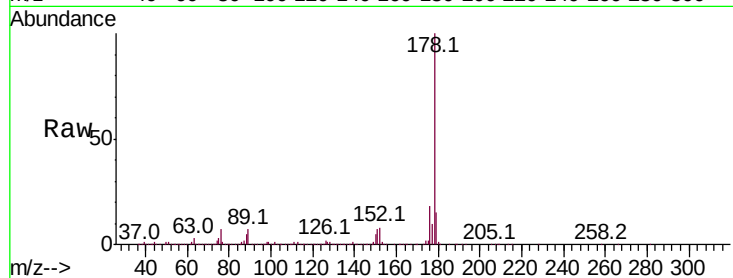
BNA_M

ClientSampleId :

381211744-2MS

Tot Ion:178 Resp: 4012866

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.1	12.2	18.4

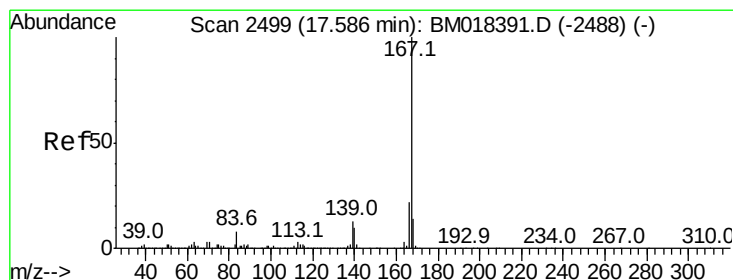
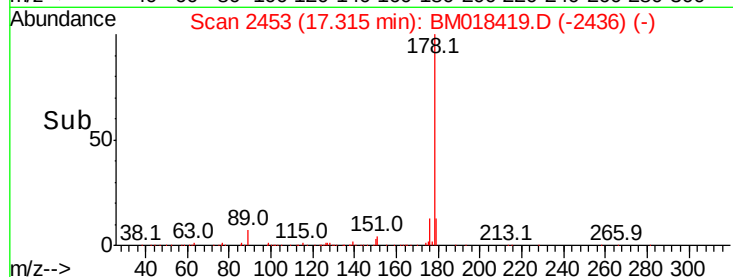
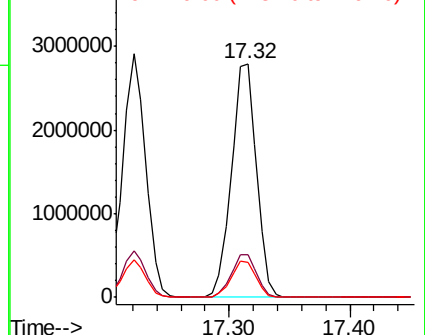


Abundance

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: 27.599 ng

RT: 17.59 min Scan# 2499

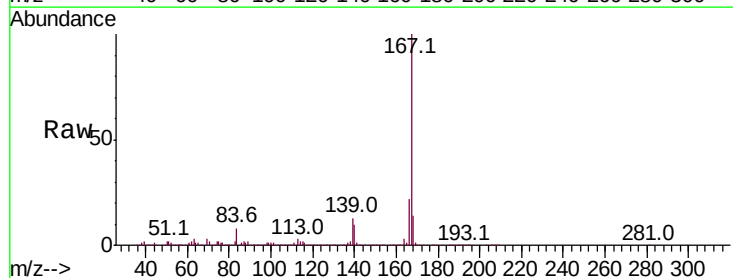
Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Tgt Ion:167 Resp: 4194229

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	13.2	10.6	16.0

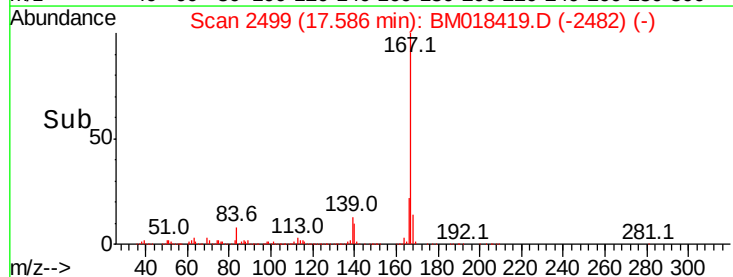
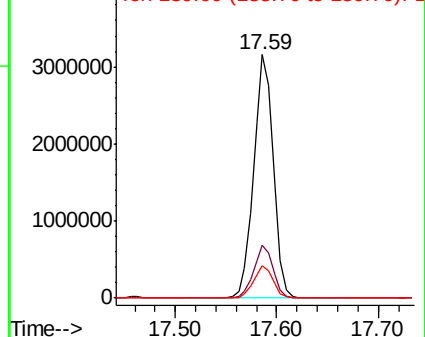


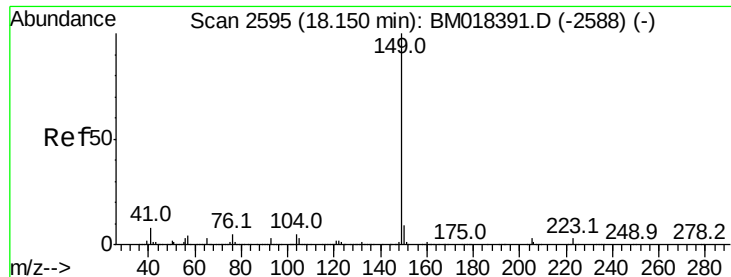
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 29.985 ng

RT: 18.14 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

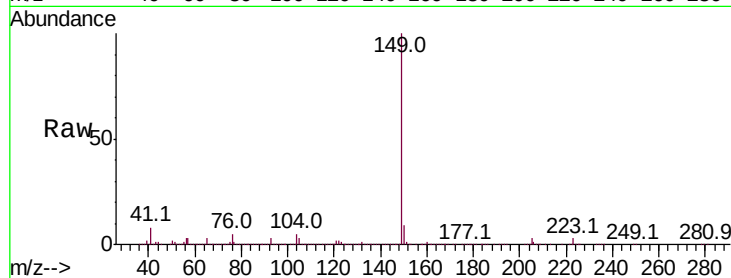
Tot Ion:149 Resp: 5179066

Ion Ratio Lower Upper

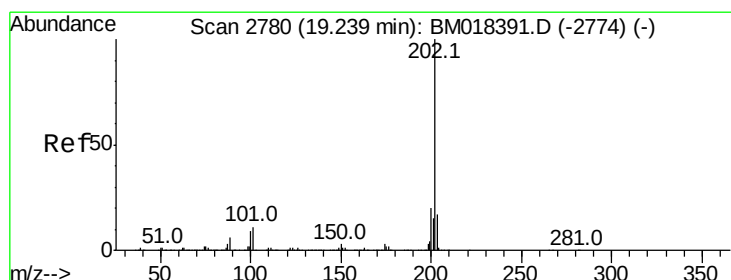
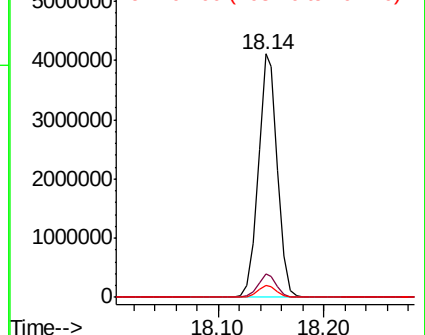
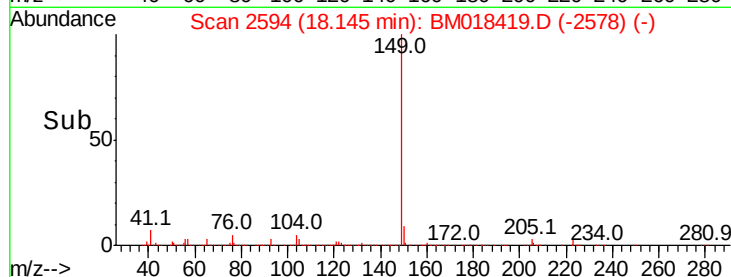
149 100

150 9.4 7.3 10.9

104 5.1 4.2 6.4



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



#75

Fluoranthene

Concen: 29.316 ng

RT: 19.24 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

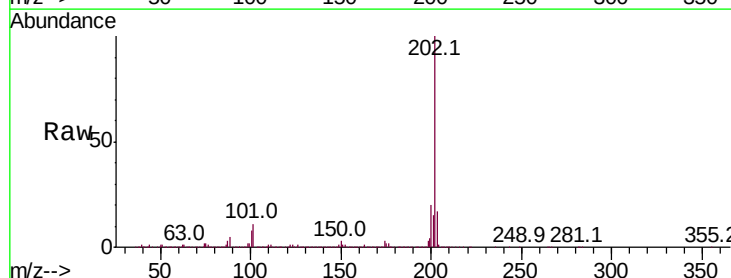
Tgt Ion:202 Resp: 5043168

Ion Ratio Lower Upper

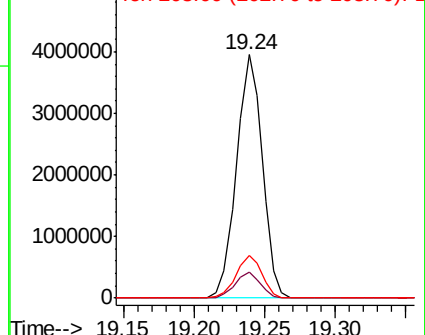
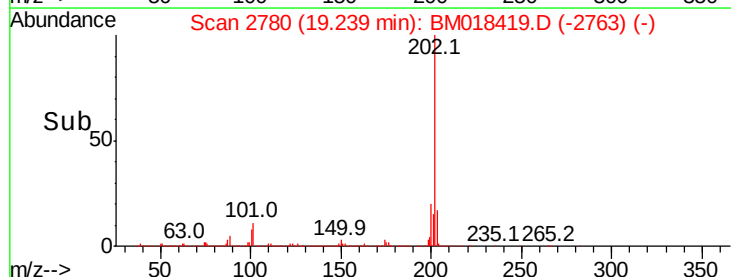
202 100

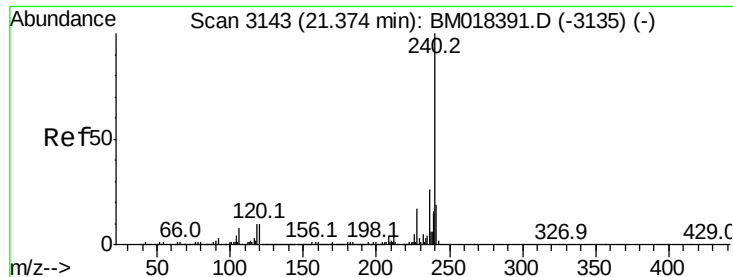
101 10.6 0.0 30.9

203 17.4 0.0 37.4



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



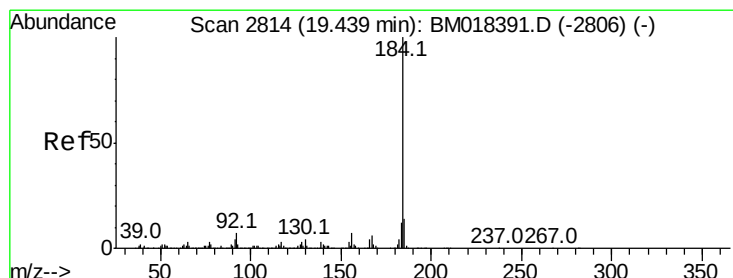
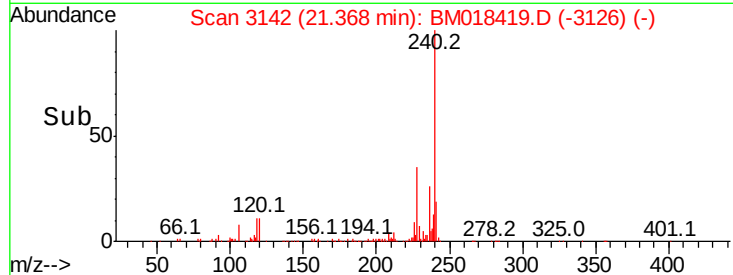
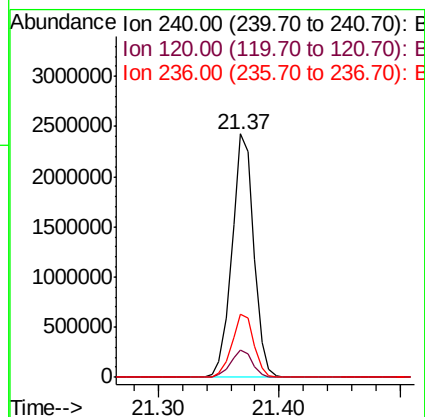
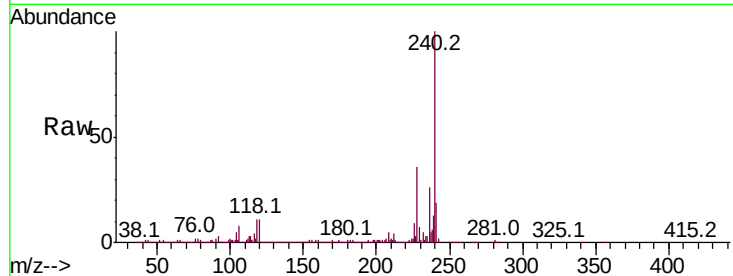


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.37 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MS

Tot Ion:240 Resp: 3038905

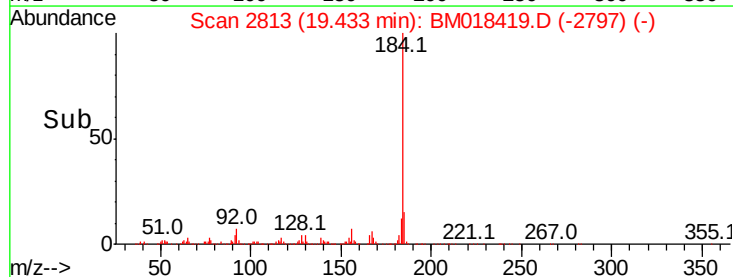
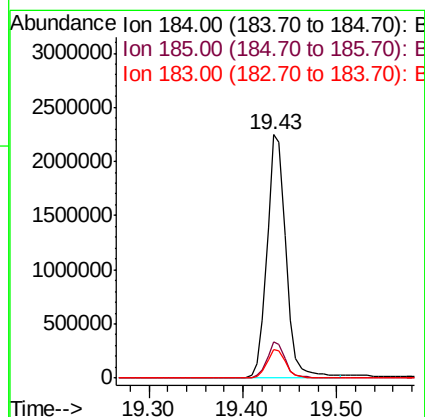
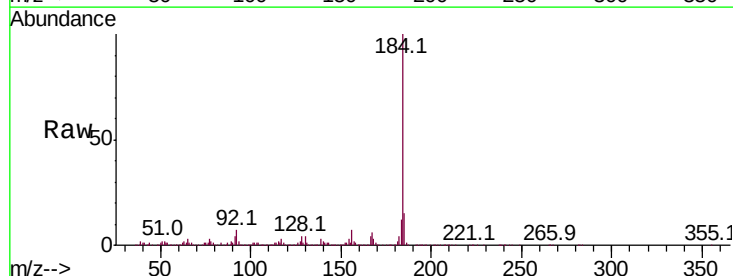
Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.4	12.6
236	26.1	20.7	31.1

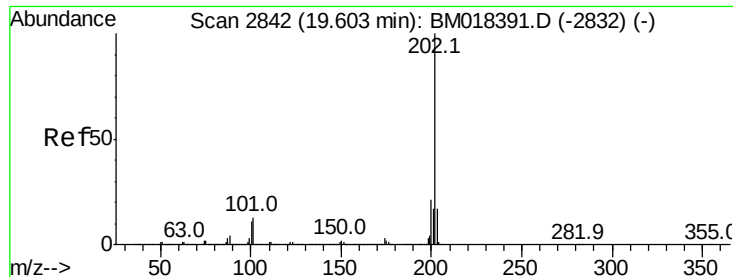


#77
 Benzidine
 Concen: 36.337 ng
 RT: 19.43 min Scan# 2813
 Delta R.T. -0.01 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Tgt Ion:184 Resp: 3156410

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.4	17.0
183	11.9	9.5	14.3





#78

Pvrene

Concen: 30.193 ng

RT: 19.60 min Scan# 2842

Delta R.T. 0.00 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

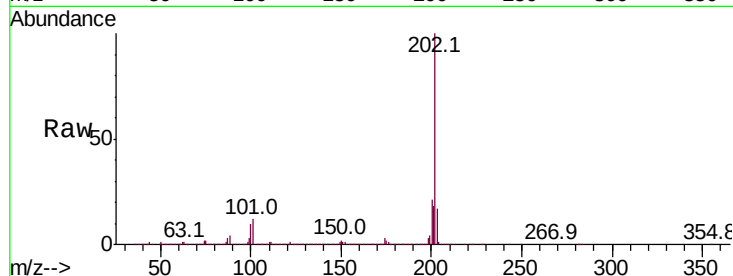
BNA_M

ClientSampleId :

381211744-2MS

Tot Ion:202 Resp: 5325900

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	17.3	13.8	20.8

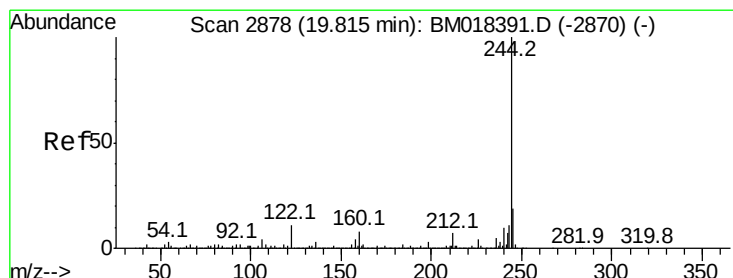
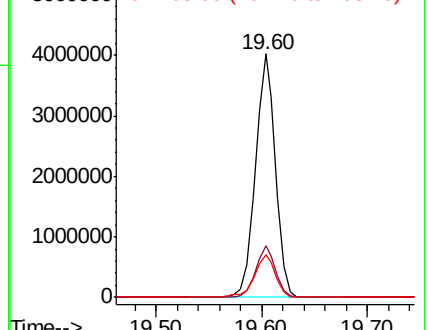
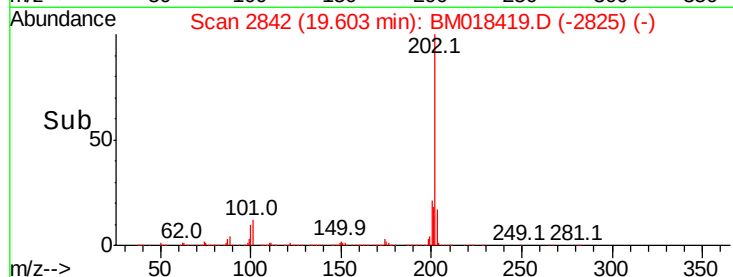


Abundance

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: 56.989 ng

RT: 19.81 min Scan# 2877

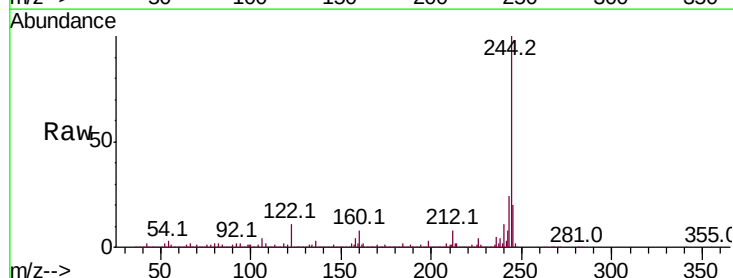
Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Tgt Ion:244 Resp: 8127396

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	11.3	9.0	13.4

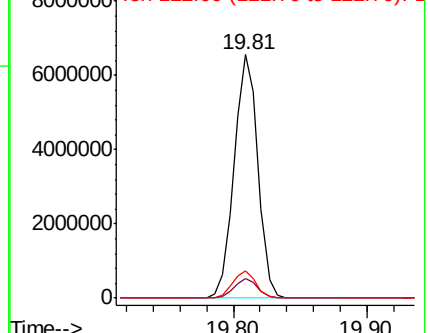
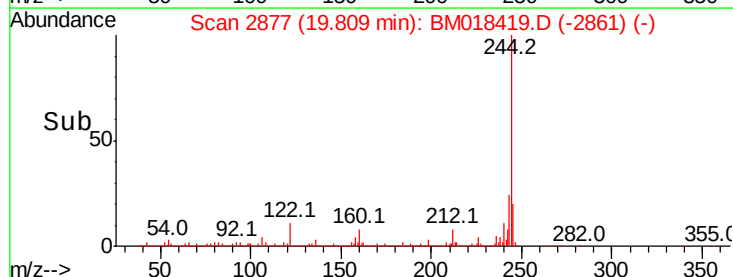


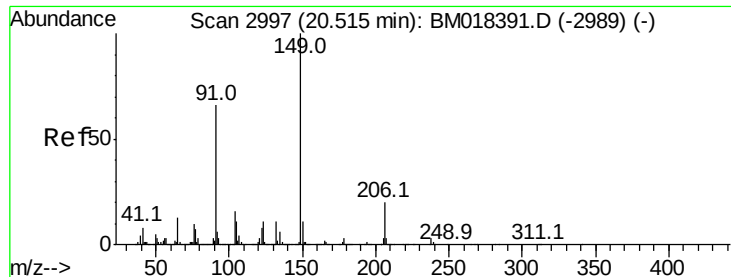
Abundance

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

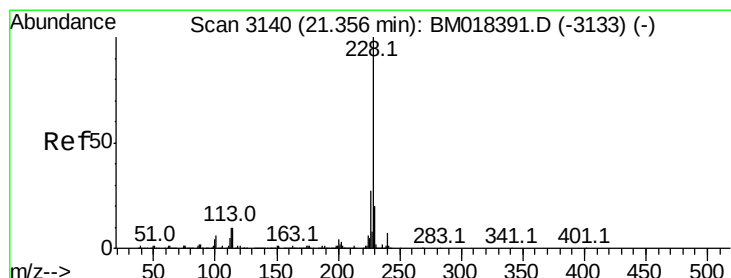
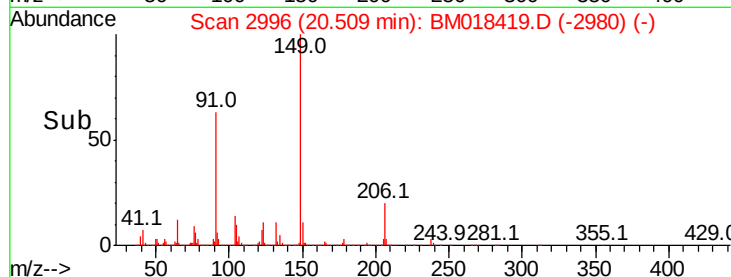
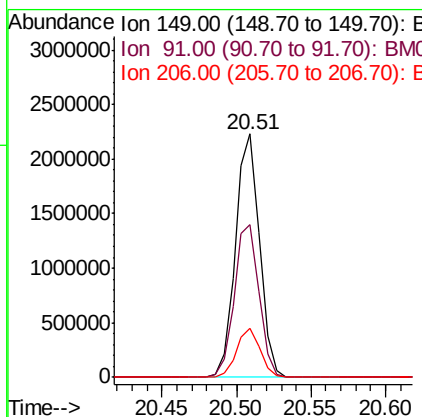
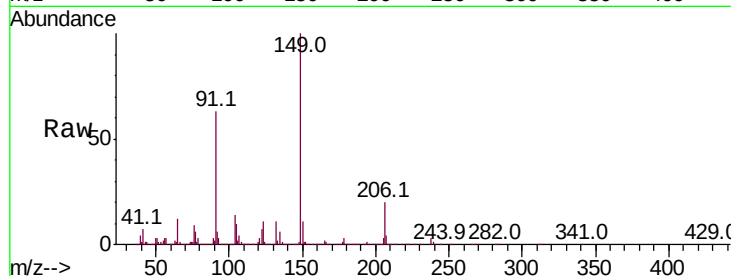




#80
Butylbenzylphthalate
Concen: 33.573 ng
RT: 20.51 min Scan# 2996
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

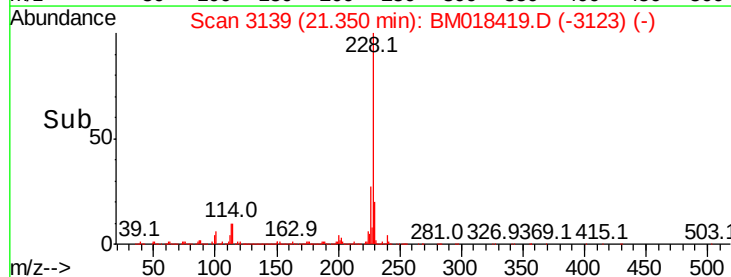
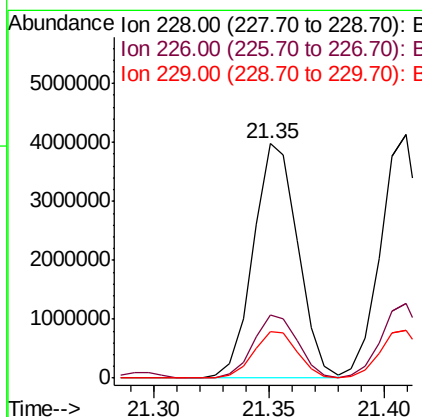
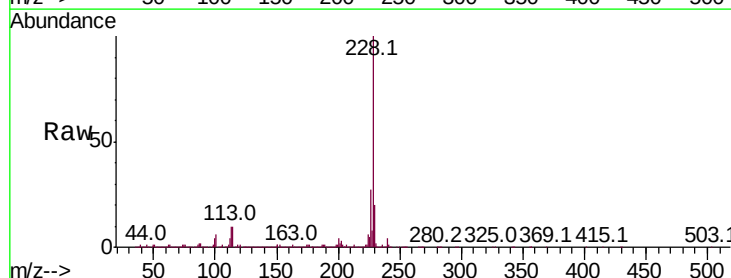
Instrument :
BNA_M
ClientSampleId :
381211744-2MS

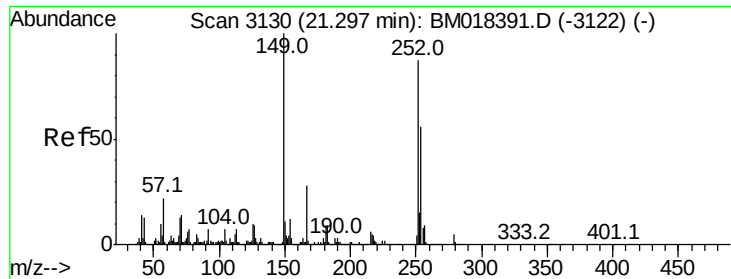
Tot Ion:149 Resp: 2500434
Ion Ratio Lower Upper
149 100
91 62.8 53.1 79.7
206 20.2 16.2 24.4



#81
Benzo(a)anthracene
Concen: 29.891 ng
RT: 21.35 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BM018419.D
Acq: 28 Dec 2018 05:27

Tgt Ion:228 Resp: 5335186
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.6
229 19.8 15.8 23.8

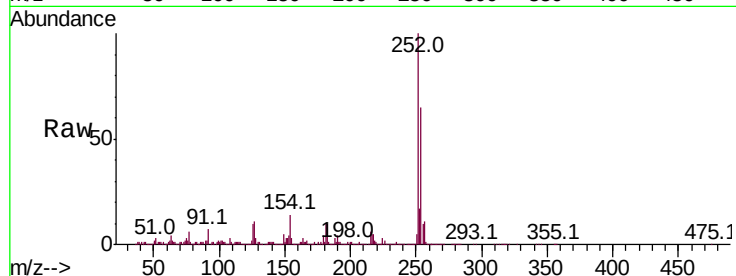




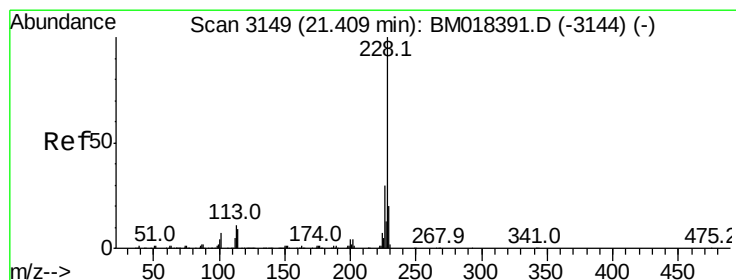
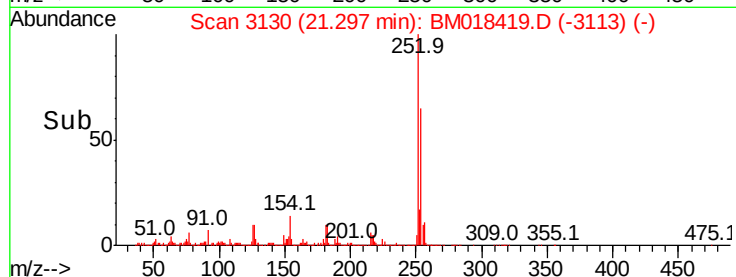
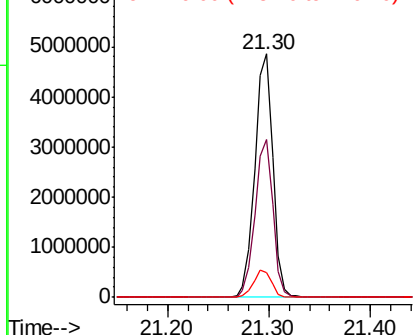
#82
 3,3'-Dichlorobenzidine
 Concen: 87.371 ng
 RT: 21.30 min Scan# 3130
 Delta R.T. 0.00 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MS

Tot Ion:252 Resp: 5991303
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.4 77.0
 126 10.4 8.7 13.1

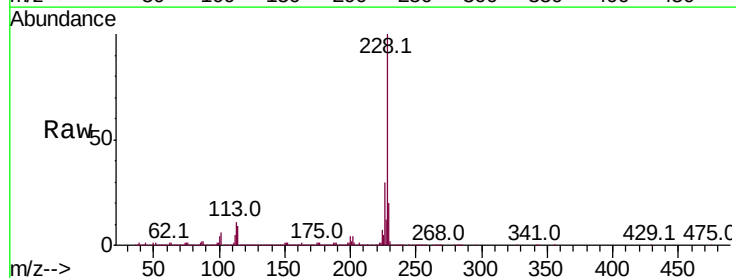


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

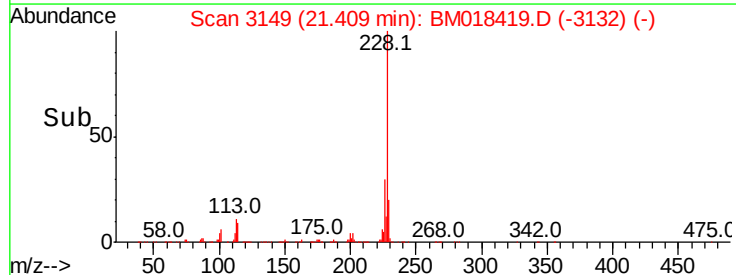
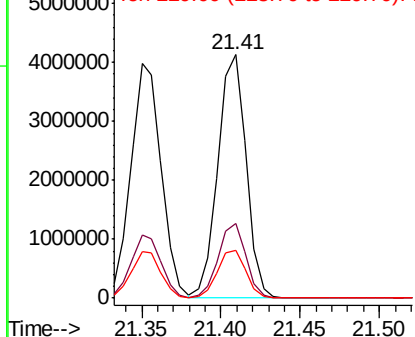


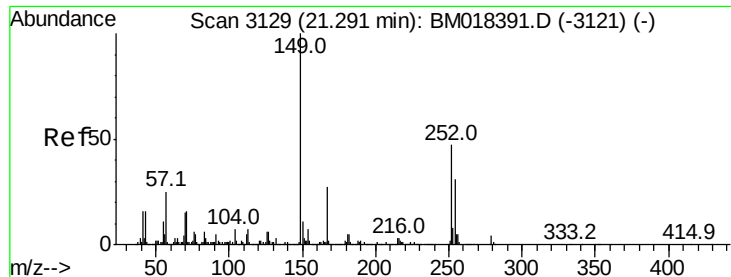
#83
 Chrysene
 Concen: 29.640 ng
 RT: 21.41 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Tgt Ion:228 Resp: 5104041
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.2 36.2
 229 19.9 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 38.757 ng

RT: 21.28 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

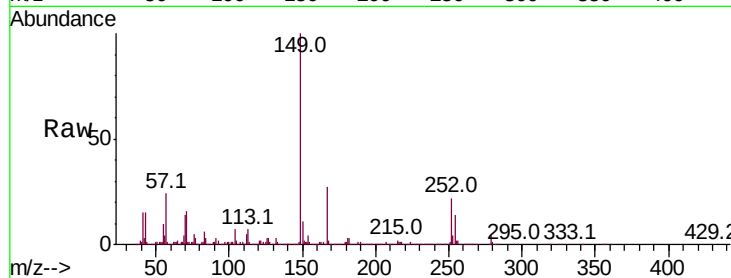
BNA_M

ClientSampleId :

381211744-2MS

Tot Ion:149 Resp: 4608691

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.6	32.4
279	4.1	3.3	4.9

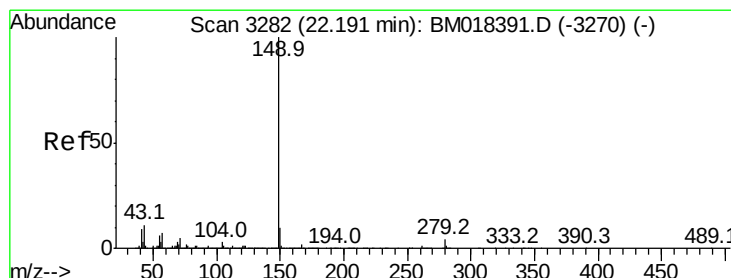
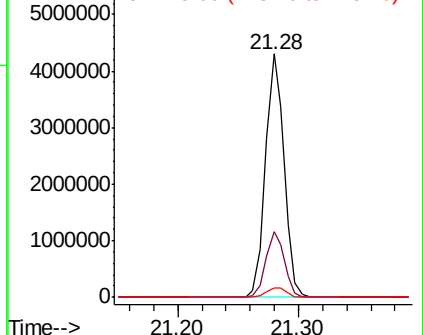
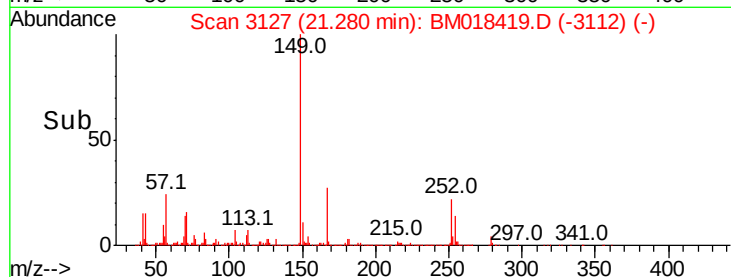


Abundance

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: 32.936 ng

RT: 22.18 min Scan# 3280

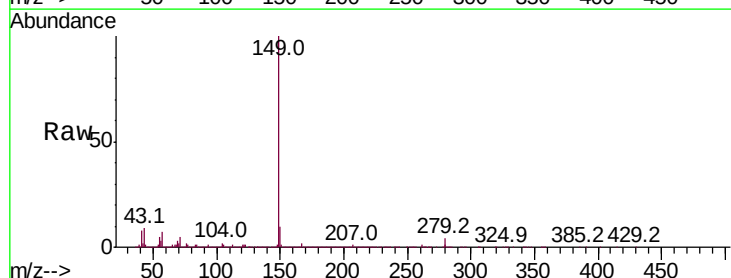
Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Tgt Ion:149 Resp: 6473693

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	8.6	12.8

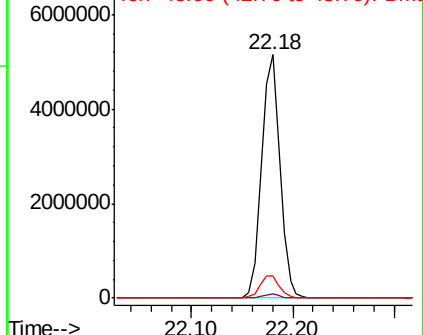
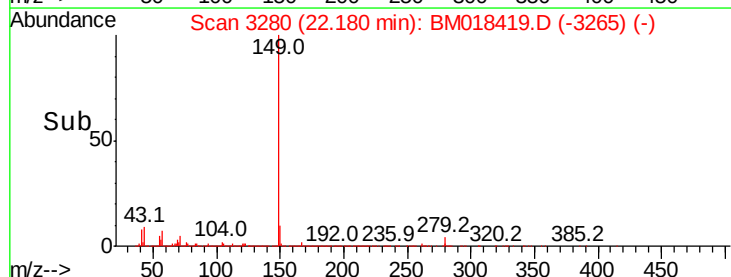


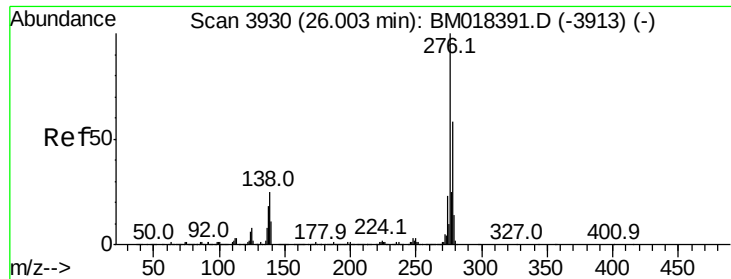
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



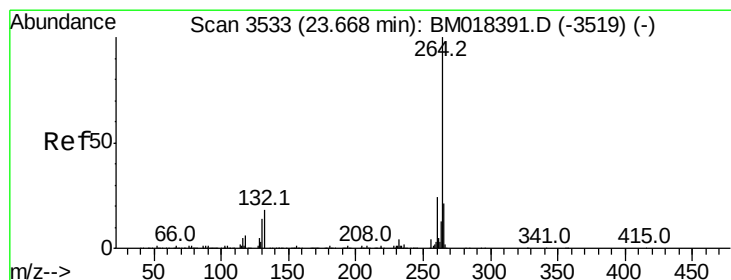
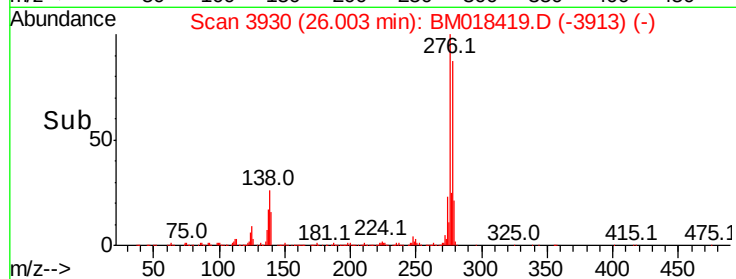
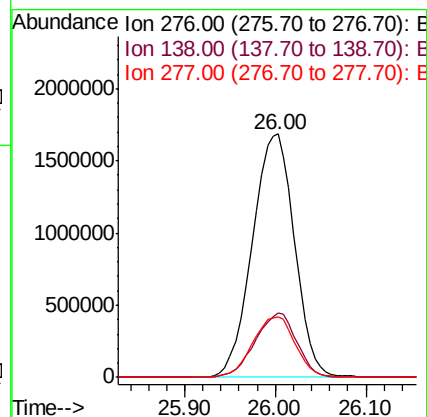
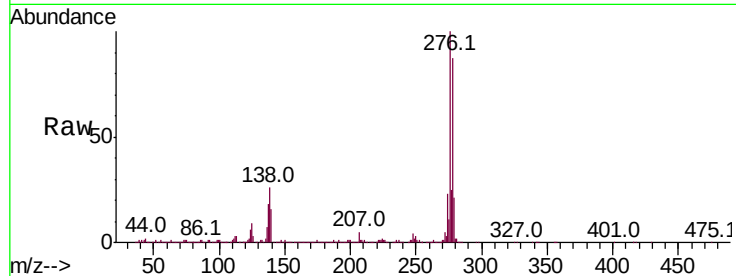


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 25.504 ng
 RT: 26.00 min Scan# 3930
 Delta R.T. 0.00 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MS

Tot Ion:276 Resp: 5436265

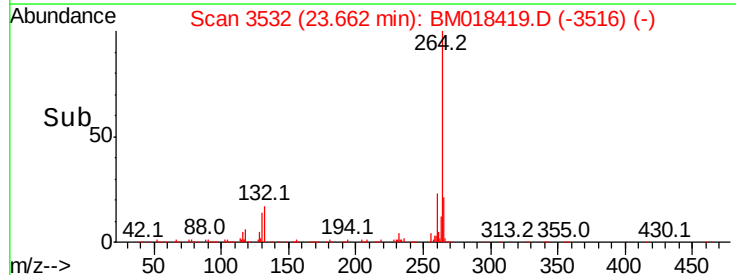
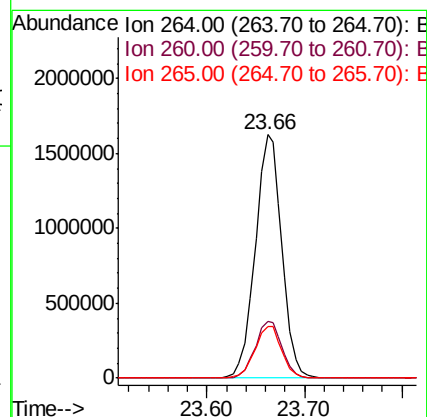
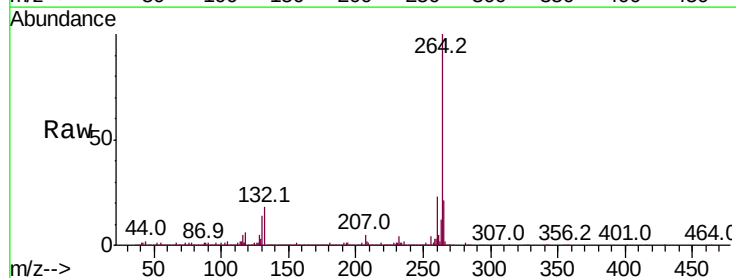
Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.5	32.3
277	25.1	20.2	30.2

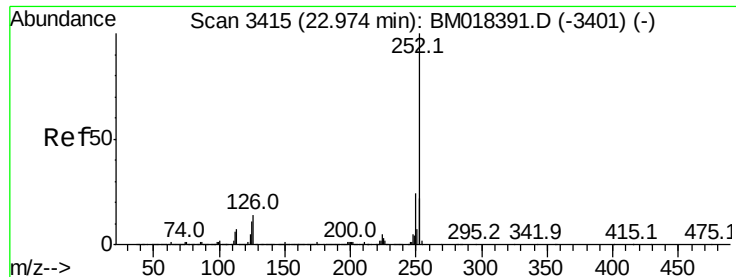


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.66 min Scan# 3532
 Delta R.T. -0.01 min
 Lab File: BM018419.D
 Acq: 28 Dec 2018 05:27

Tgt Ion:264 Resp: 3092986

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.4	16.8	25.2





#88

Benzo(b)fluoranthene

Concen: 31.748 ng

RT: 22.97 min Scan# 3414

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

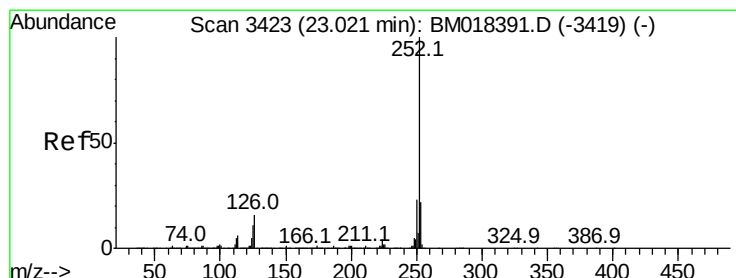
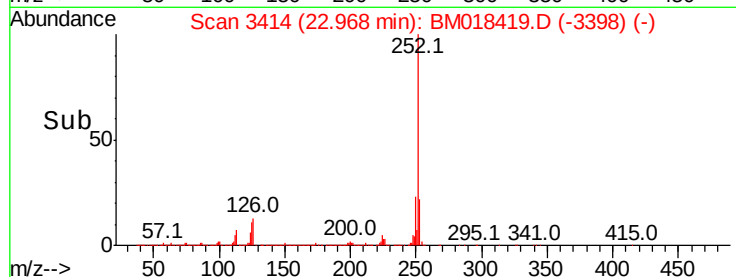
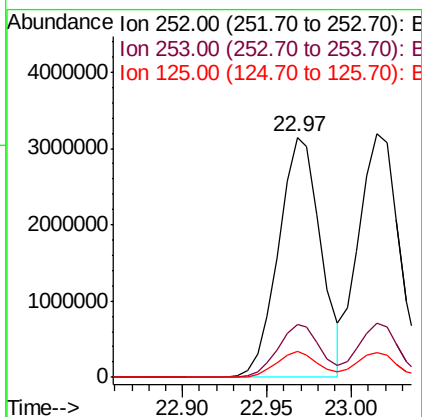
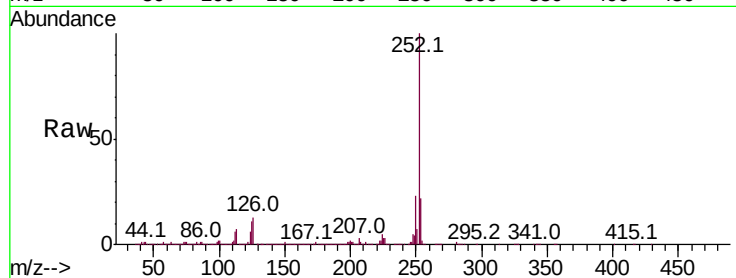
Tot Ion:252 Resp: 5477031

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.6 8.5 12.7



#89

Benzo(k)fluoranthene

Concen: 30.758 ng

RT: 23.01 min Scan# 3422

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

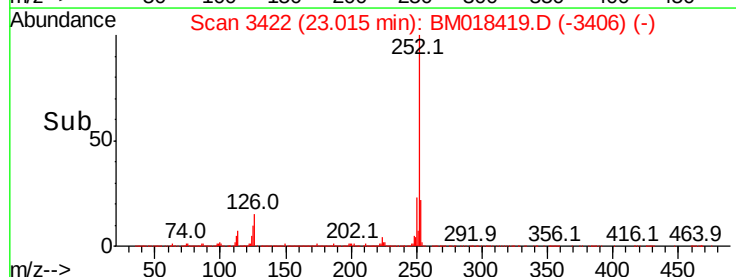
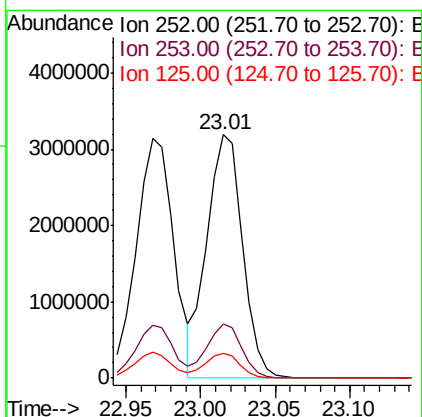
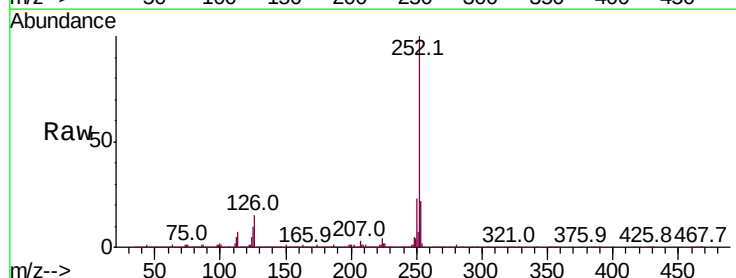
Tgt Ion:252 Resp: 5307183

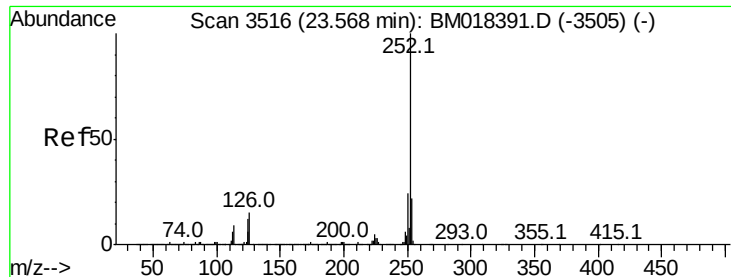
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 10.4 8.6 12.8





#90

Benzo(a)pyrene

Concen: 29.867 ng

RT: 23.56 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

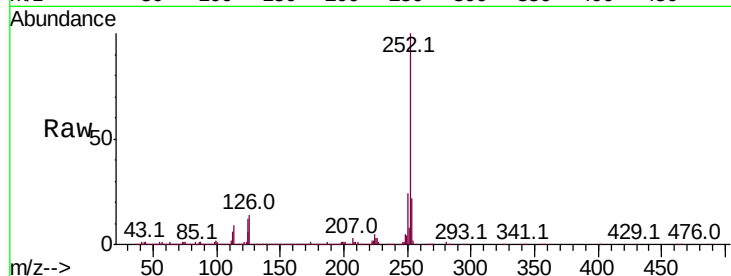
Tot Ion:252 Resp: 4949633

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

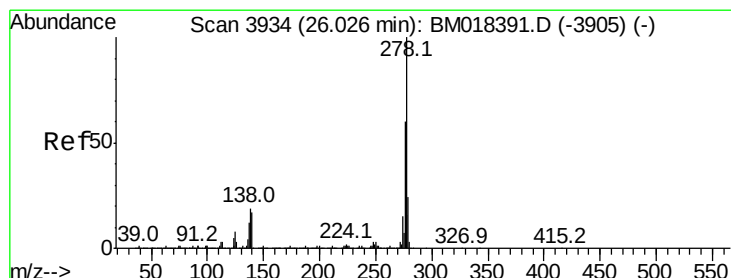
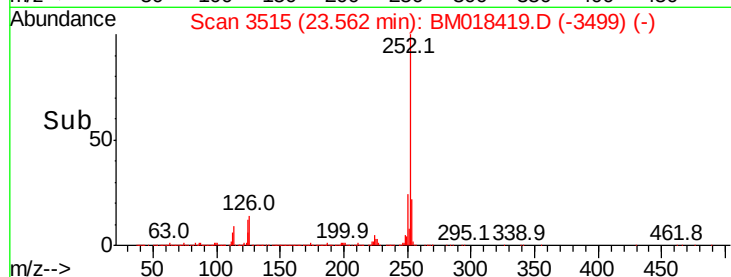
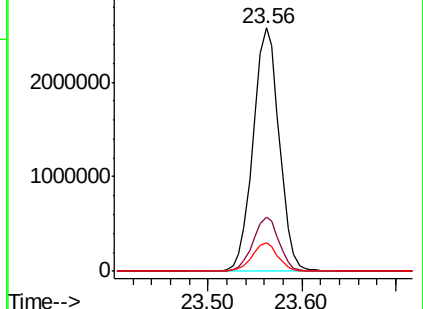
125 11.7 9.7 14.5



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: 27.215 ng

RT: 26.01 min Scan# 3932

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

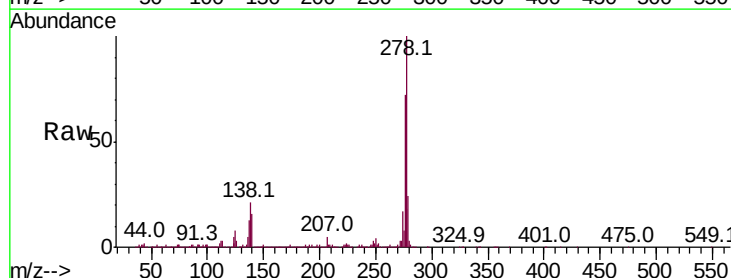
Tgt Ion:278 Resp: 4696825

Ion Ratio Lower Upper

278 100

139 16.5 13.2 19.8

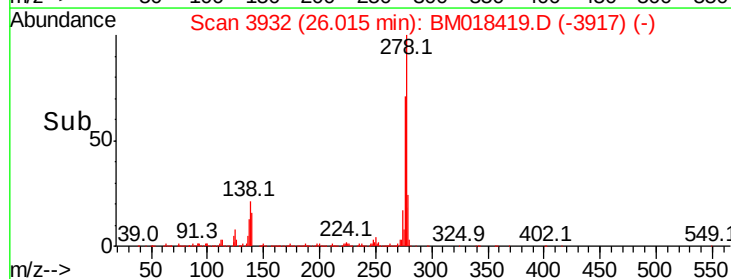
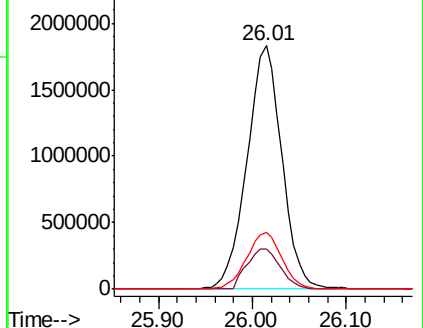
279 23.5 19.0 28.4

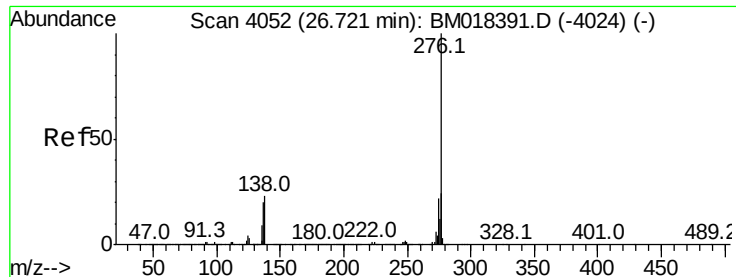


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 25.070 ng

RT: 26.71 min Scan# 4051

Delta R.T. -0.01 min

Lab File: BM018419.D

Acq: 28 Dec 2018 05:27

Instrument :

BNA_M

ClientSampleId :

381211744-2MS

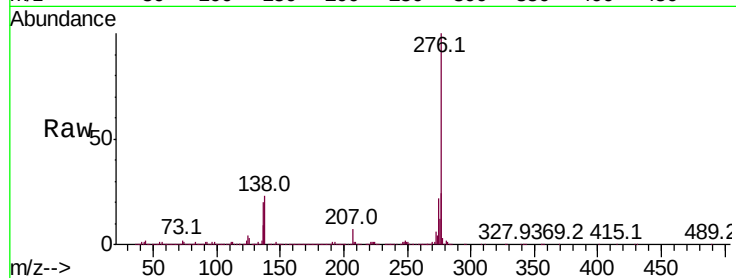
Tot Ion:276 Resp: 4142870

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 23.0 18.1 27.1



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

