

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018420.D
 Acq On : 28 Dec 2018 06:03
 Operator : JU/SJ
 Sample : J6574-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MSD

Quant Time: Dec 28 08:09:31 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	509288	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	2328057	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	1395444	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	3185701	20.00	ng	0.00
76) Chrysene-d12	21.37	240	3348267	20.00	ng	0.00
87) Perylene-d12	23.66	264	3221881	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	720434	26.67	ng	0.00
7) Phenol-d6	6.95	99	721598	19.24	ng	0.00
23) Nitrobenzene-d5	8.95	82	1728912	42.62	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	1161311	65.50	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	4924097	47.79	ng	0.00
79) Terphenyl-d14	19.81	244	9770702	62.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	3339	0.304	ng	# 41
3) Pyridine	3.69	79	307517	10.134	ng	97
4) n-Nitrosodimethylamine	3.62	42	171686	13.876	ng	# 93
6) Aniline	7.12	93	6501m	0.139	ng	
8) 2-Chlorophenol	7.35	128	652574	20.033	ng	96
9) Benzaldehyde	6.93	77	4605	0.175	ng	# 87
10) Phenol	6.97	94	371197	9.619	ng	98
11) bis(2-Chloroethyl)ether	7.22	93	547079	18.188	ng	95
12) 1,3-Dichlorobenzene	7.67	146	702429	18.357	ng	100
13) 1,4-Dichlorobenzene	7.82	146	730954	18.802	ng	98
14) 1,2-Dichlorobenzene	8.13	146	706260	18.515	ng	98
15) Benzyl Alcohol	8.02	79	2226	0.076	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	8.31	45	587172	12.258	ng	99
17) 2-Methylphenol	8.22	107	525707	19.231	ng	98
18) Hexachloroethane	8.85	117	252595	18.203	ng	96
19) n-Nitroso-di-n-propylamine	8.59	70	552399	19.332	ng	98
20) 3+4-Methylphenols	8.55	107	766942	20.912	ng	91
22) Acetophenone	8.61	105	7674	0.130	ng	# 72
24) Nitrobenzene	8.99	77	782351	19.490	ng	98
25) Isophorone	9.50	82	1449427	20.600	ng	98
26) 2-Nitrophenol	9.69	139	359526	25.272	ng	99
27) 2,4-Dimethylphenol	9.75	122	667034	22.888	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	777705	17.611	ng	99
29) 2,4-Dichlorophenol	10.22	162	772110	23.954	ng	98
30) 1,2,4-Trichlorobenzene	10.44	180	754819	19.116	ng	98
31) Naphthalene	10.63	128	2282225	20.339	ng	99
32) Benzoic acid	9.83	122	140692	13.167	ng	98
33) 4-Chloroaniline	10.75	127	14152	0.275	ng	# 54
34) Hexachlorobutadiene	10.90	225	438684	18.297	ng	98
35) Caprolactam	11.54	113	2173	0.182	ng	# 1
36) 4-Chloro-3-methylphenol	11.86	107	1028184	28.141	ng	99
37) 2-Methylnaphthalene	12.25	142	1672	0.020	ng	# 34
38) 1-Methylnaphthalene	12.46	142	5224	0.065	ng	# 79
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	902912	20.668	ng	99

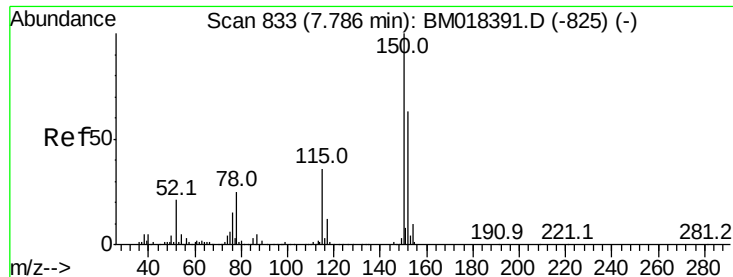
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	434823	20.527	ng	98
43) 2,4,6-Trichlorophenol	12.85	196	746895	30.099	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	932548	34.389	ng	98
46) 1,1'-Biphenyl	13.26	154	11891	0.100	ng	93
47) 2-Chloronaphthalene	13.30	162	1931286	21.146	ng	99
48) 2-Nitroaniline	13.48	65	1566	0.064	ng	# 3
49) Acenaphthylene	14.15	152	3344043	23.783	ng	100
50) Dimethylphthalate	13.89	163	3108809	26.666	ng	100
51) 2,6-Dinitrotoluene	14.02	165	664904	27.175	ng	93
52) Acenaphthene	14.49	154	2025232	23.867	ng	99
53) 3-Nitroaniline	14.32	138	108	0.004	ng	# 88
54) 2,4-Dinitrophenol	14.54	184	229555	37.851	ng	92
55) Dibenzofuran	14.83	168	11542	0.083	ng	# 78
56) 4-Nitrophenol	14.64	139	271349	16.419	ng	96
57) 2,4-Dinitrotoluene	14.80	165	1040779	31.438	ng	98
58) Fluorene	15.48	166	2905029	26.862	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	767500	30.647	ng	99
60) Diethylphthalate	15.26	149	3448444	28.280	ng	100
61) 4-Chlorophenyl-phenylether	15.47	204	1419703	23.894	ng	98
62) 4-Nitroaniline	15.48	138	42709	1.475	ng	# 29
63) Azobenzene	15.77	77	2699979	24.294	ng	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	426140	35.616	ng	91
66) n-Nitrosodiphenylamine	15.69	169	2505810	25.238	ng	99
67) 4-Bromophenyl-phenylether	16.37	248	937673	27.029	ng	96
68) Hexachlorobenzene	16.47	284	1090240	27.743	ng	99
70) Pentachlorophenol	16.82	266	663591	28.959	ng	99
71) Phenanthrene	17.22	178	5101543	30.252	ng	99
72) Anthracene	17.32	178	5231611	31.142	ng	100
73) Carbazole	17.59	167	5156264	29.225	ng	100
74) Di-n-butylphthalate	18.14	149	6357132	31.702	ng	99
75) Fluoranthene	19.24	202	6192613	31.007	ng	99
77) Benzidine	19.43	184	2513341	26.261	ng	99
78) Pyrene	19.60	202	6451926	33.197	ng	99
80) Butylbenzylphthalate	20.51	149	2985400	35.826	ng	99
81) Benzo(a)anthracene	21.36	228	6276034	31.913	ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	6996013	92.596	ng	99
83) Chrysene	21.41	228	6018599	31.722	ng	99
84) Bis(2-ethylhexyl)phthalate	21.28	149	5422529	41.388	ng	100
85) Di-n-octyl phthalate	22.18	149	7519118	34.720	ng	98
86) Indeno(1,2,3-cd)pyrene	26.00	276	5830390	24.826	ng	99
88) Benzo(b)fluoranthene	22.97	252	6356315	35.371	ng	100
89) Benzo(k)fluoranthene	23.02	252	5824862	32.408	ng	99
90) Benzo(a)pyrene	23.57	252	5565476	32.239	ng	99
91) Dibenzo(a,h)anthracene	26.01	278	5029531	27.977	ng	100
92) Benzo(g,h,i)perylene	26.71	276	4459723	25.908	ng	100

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

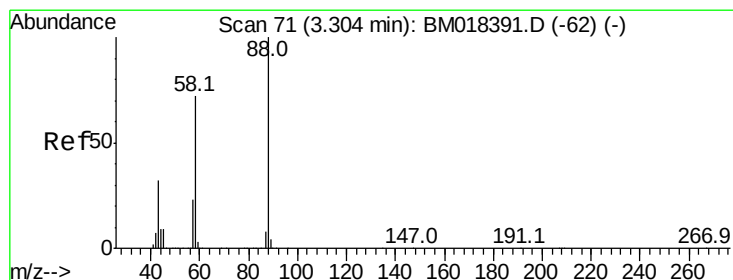
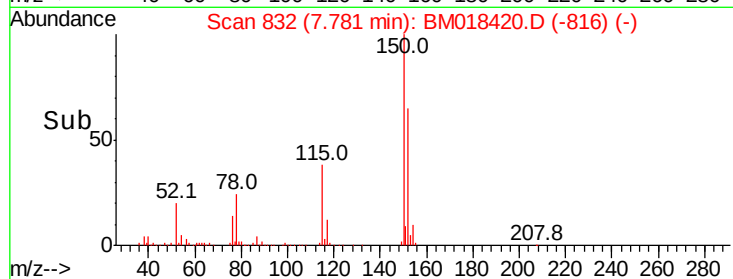
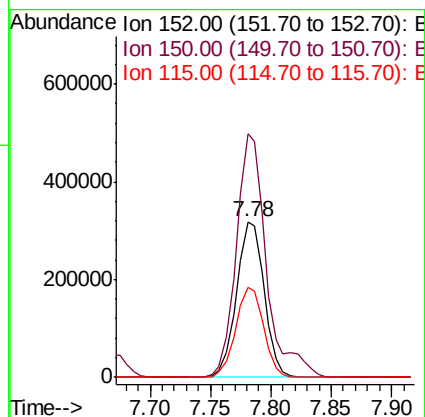
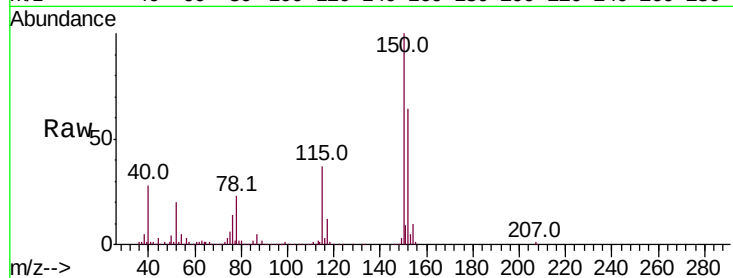


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

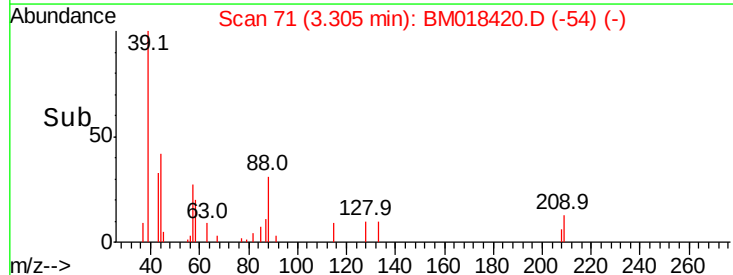
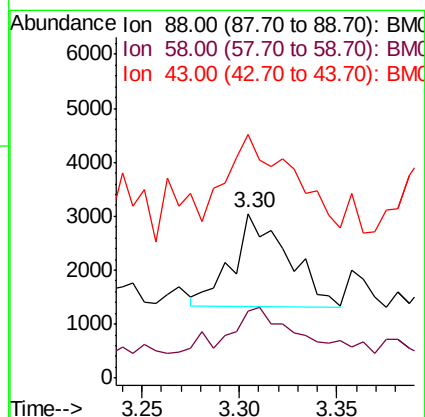
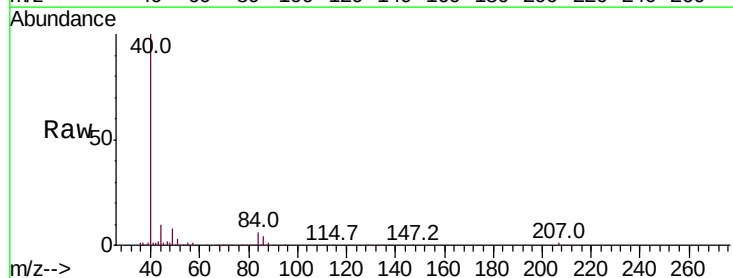
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.9	190.3
115	58.2	45.5	68.3

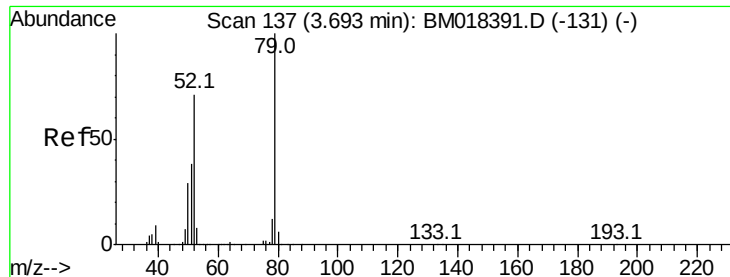


#2

1,4-Dioxane
Concen: 0.304 ng
RT: 3.30 min Scan# 71
Delta R.T. 0.00 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.9	58.4	87.6#
43	115.5	26.2	39.4#





#3

Pvridine

Concen: 10.134 ng

RT: 3.69 min Scan# 137

Delta R.T. 0.00 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Instrument :

BNA_M

ClientSampleId :

381211744-2MSD

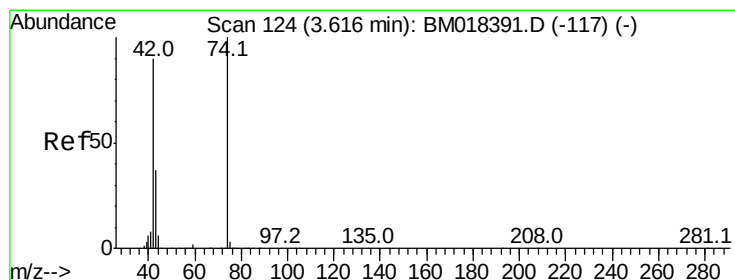
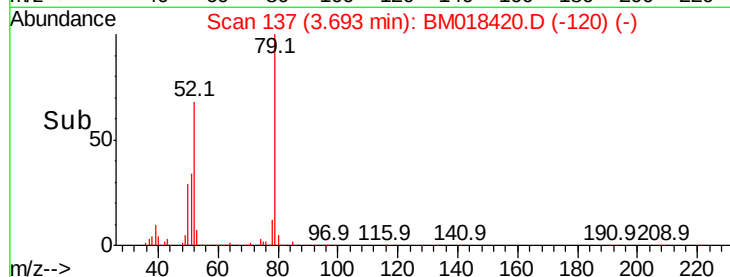
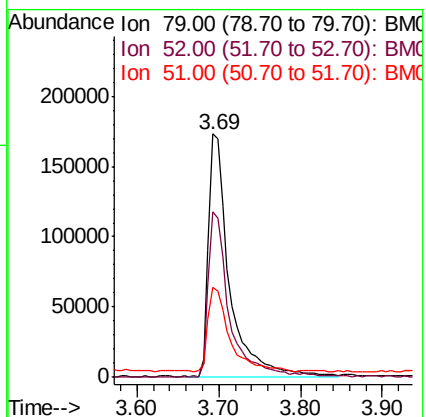
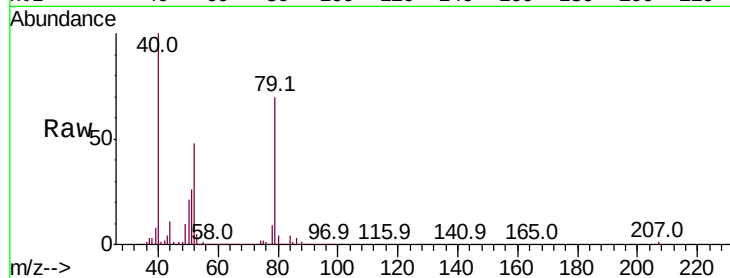
Tot Ion: 79 Resp: 307517

Ion Ratio Lower Upper

79 100

52 67.9 56.4 84.6

51 36.9 31.0 46.4



#4

n-Nitrosodimethylamine

Concen: 13.876 ng

RT: 3.62 min Scan# 124

Delta R.T. 0.00 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

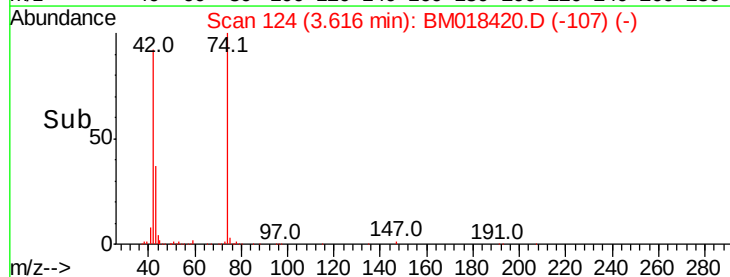
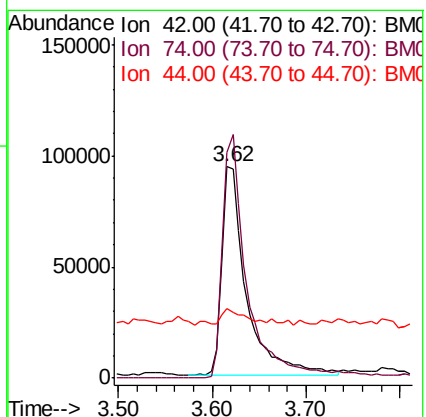
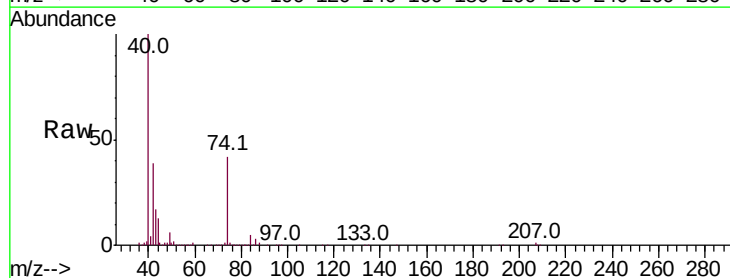
Tgt Ion: 42 Resp: 171686

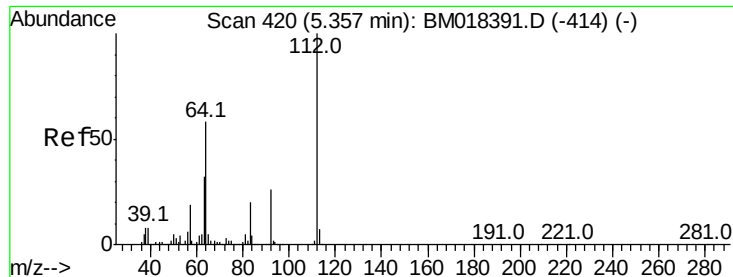
Ion Ratio Lower Upper

42 100

74 106.8 88.6 132.8

44 32.7 16.9 25.3#





#5

2-Fluorophenol

Concen: 26.670 ng

RT: 5.36 min Scan# 421

Delta R.T. 0.01 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Instrument :

BNA_M

ClientSampleId :

381211744-2MSD

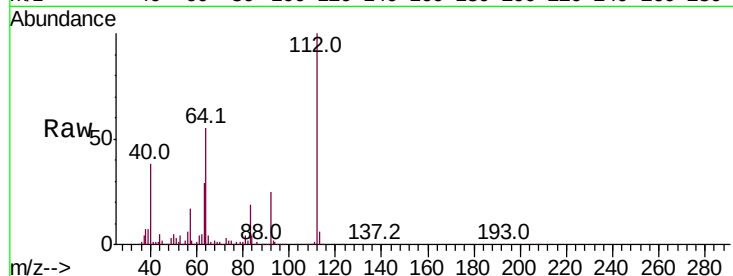
Tot Ion:112 Resp: 720434

Ion Ratio Lower Upper

112 100

64 54.9 46.5 69.7

63 29.1 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

600000

500000

400000

300000

200000

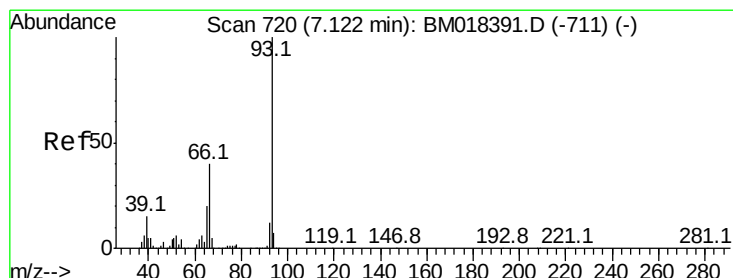
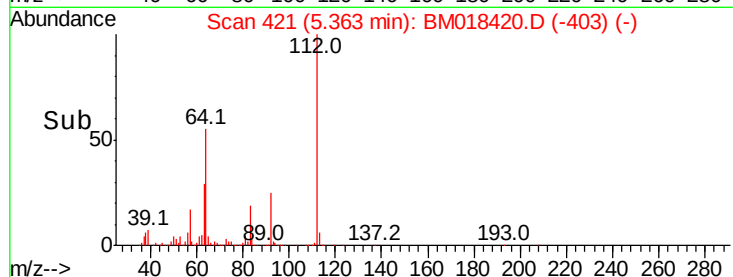
100000

0

5.36

5.30 5.35 5.40 5.45

Time-->



#6

Aniline

Concen: 0.139 ng m

RT: 7.12 min Scan# 720

Delta R.T. 0.00 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

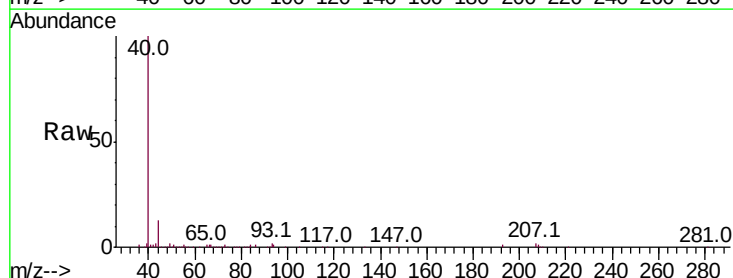
Tgt Ion: 93 Resp: 6501

Ion Ratio Lower Upper

93 100

66 41.7 31.7 47.5

65 21.8 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

400000

300000

200000

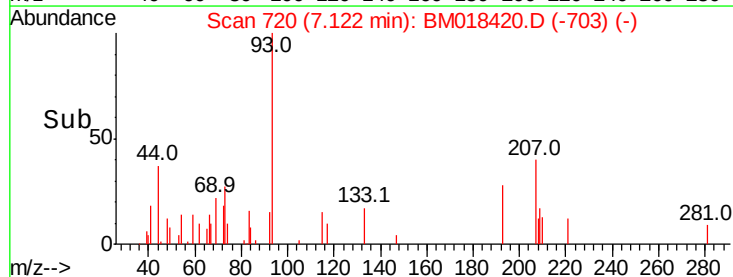
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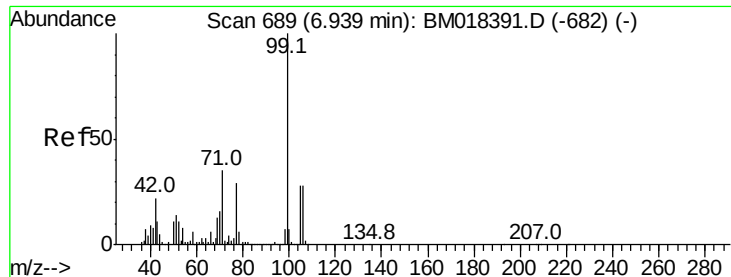
0

7.12

7.05 7.10 7.15 7.20

Time-->





#7

Phenol-d6

Concen: 19.238 ng

RT: 6.95 min Scan# 690

Delta R.T. 0.01 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Instrument :

BNA_M

ClientSampleId :

381211744-2MSD

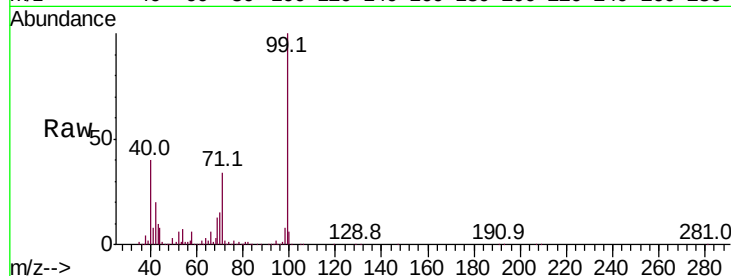
Tot Ion: 99 Resp: 721598

Ion Ratio Lower Upper

99 100

42 20.1 17.3 25.9

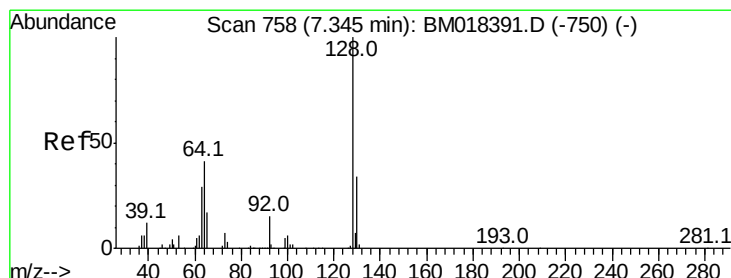
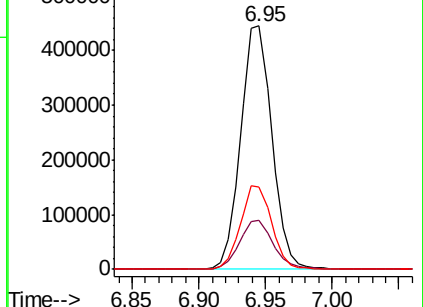
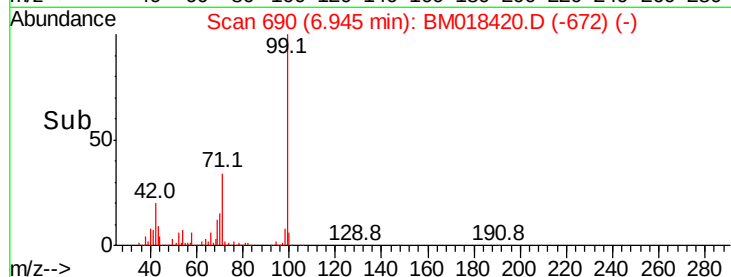
71 33.6 28.0 42.0



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: 20.033 ng

RT: 7.35 min Scan# 758

Delta R.T. 0.00 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

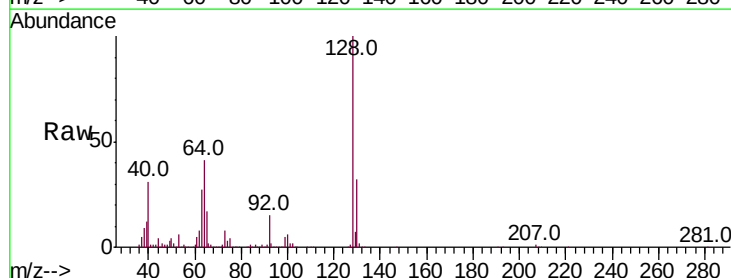
Tgt Ion: 128 Resp: 652574

Ion Ratio Lower Upper

128 100

130 32.5 13.6 53.6

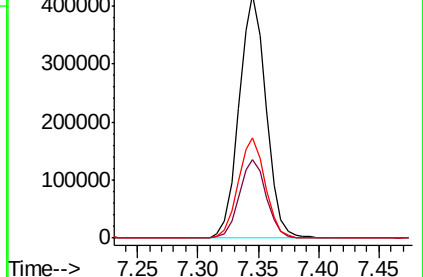
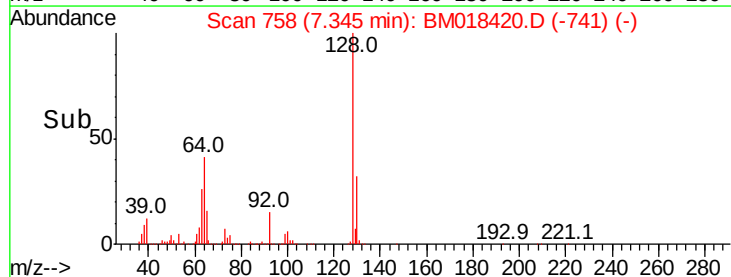
64 41.2 24.8 64.8

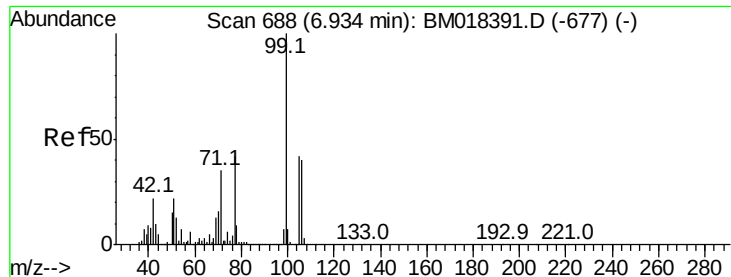


Abundance Ion 128.00 (127.70 to 128.70): BM018391.D (-750) (-)

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: 0.175 ng

RT: 6.93 min Scan# 688

Delta R.T. 0.00 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Instrument :

BNA_M

ClientSampleId :

381211744-2MSD

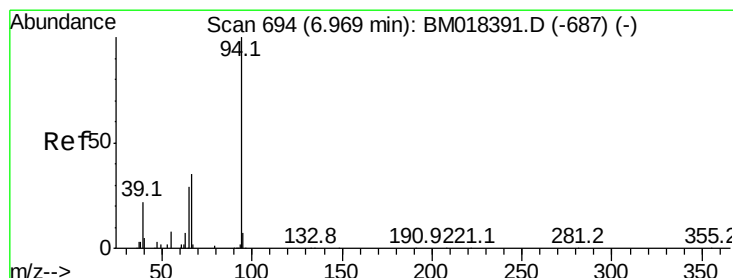
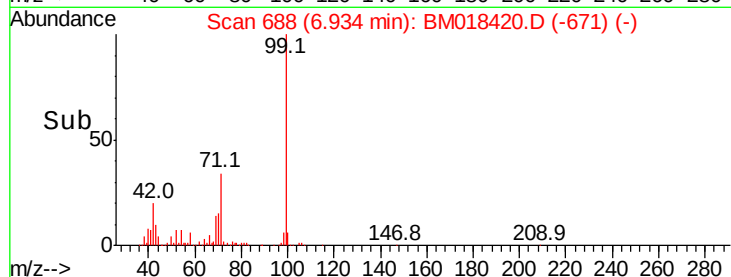
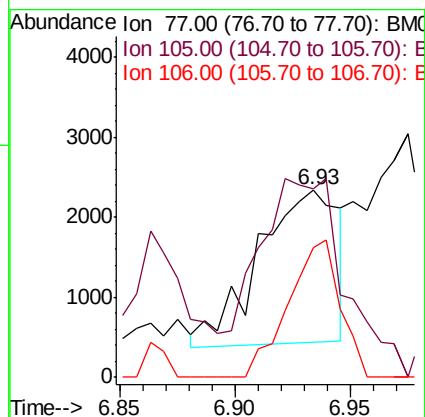
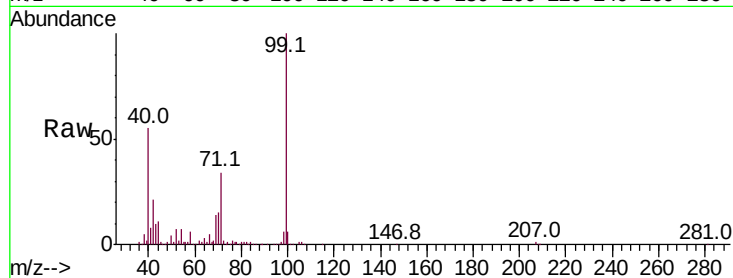
Tot Ion: 77 Resp: 4605

Ion Ratio Lower Upper

77 100

105 100.1 79.7 119.7

106 68.8 75.2 115.2#



#10

Phenol

Concen: 9.619 ng

RT: 6.97 min Scan# 694

Delta R.T. 0.00 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

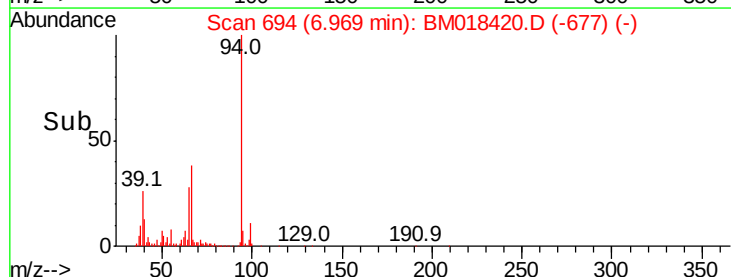
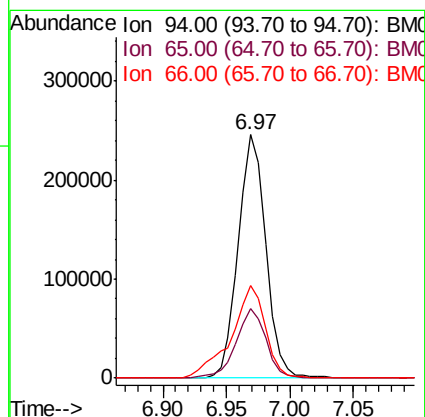
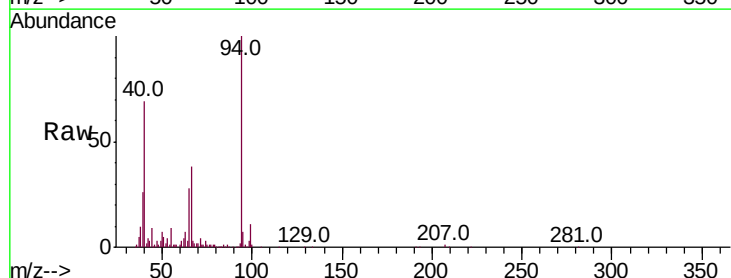
Tgt Ion: 94 Resp: 371197

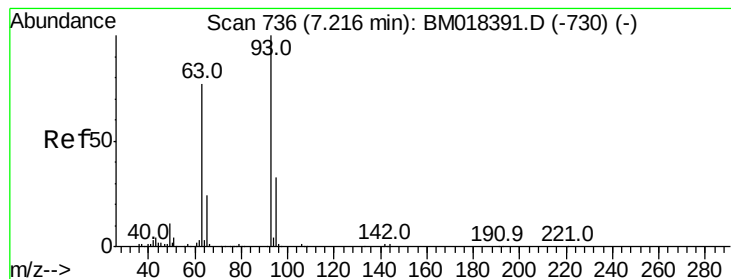
Ion Ratio Lower Upper

94 100

65 28.5 9.4 49.4

66 38.2 19.1 59.1





#11

bis(2-Chloroethyl)ether

Concen: 18.188 ng

RT: 7.22 min Scan# 736

Delta R.T. 0.00 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Instrument :

BNA_M

ClientSampleId :

381211744-2MSD

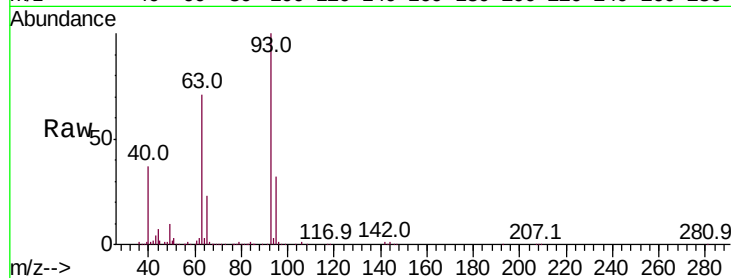
Tot Ion: 93 Resp: 547079

Ion Ratio Lower Upper

93 100

63 71.1 56.4 96.4

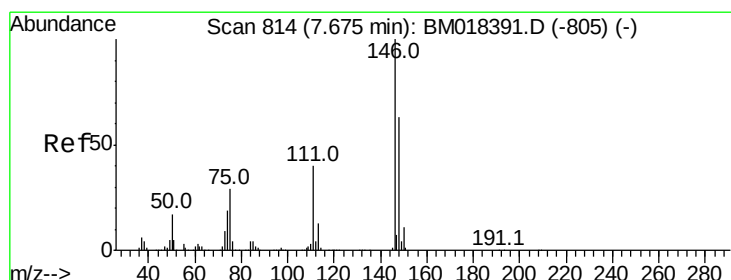
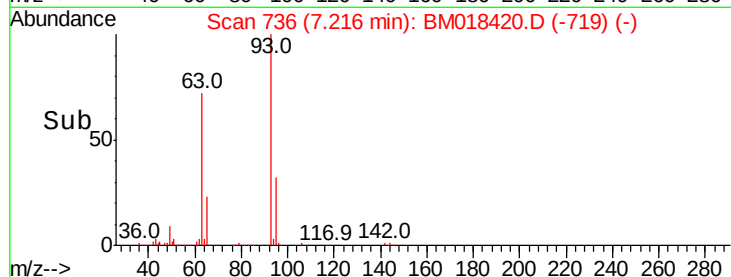
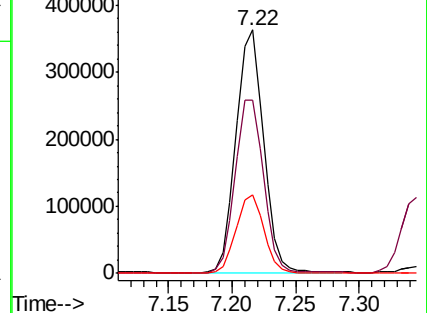
95 32.1 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BM018391.D (-730) (-)

Ion 63.00 (62.70 to 63.70): BM018391.D (-730) (-)

Ion 95.00 (94.70 to 95.70): BM018391.D (-730) (-)



#12

1,3-Dichlorobenzene

Concen: 18.357 ng

RT: 7.67 min Scan# 813

Delta R.T. -0.01 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

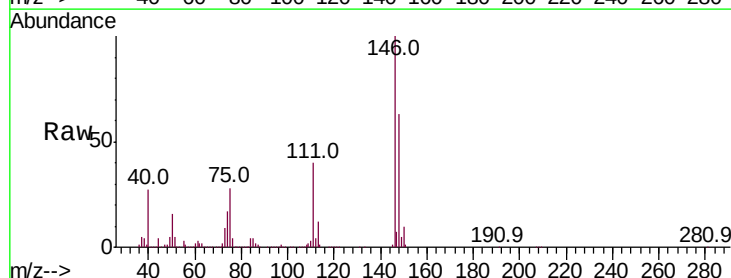
Tgt Ion: 146 Resp: 702429

Ion Ratio Lower Upper

146 100

148 63.0 50.5 75.7

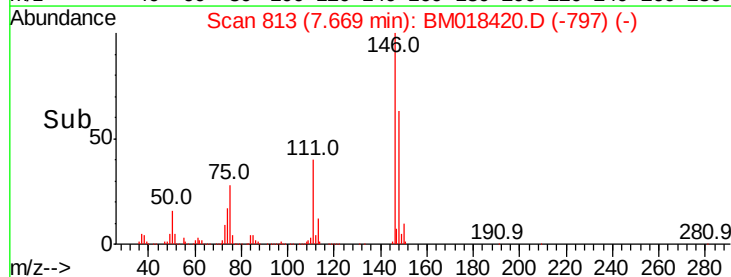
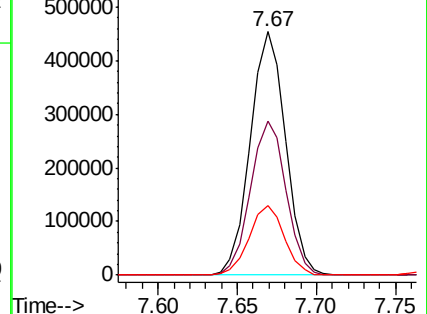
75 28.5 23.0 34.6

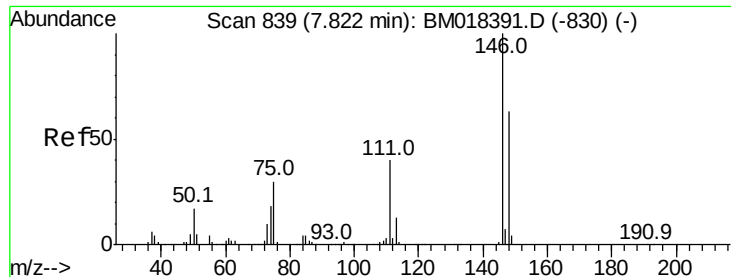


Abundance Ion 146.00 (145.70 to 146.70): BM018391.D (-805) (-)

Ion 148.00 (147.70 to 148.70): BM018391.D (-805) (-)

Ion 75.00 (74.70 to 75.70): BM018391.D (-805) (-)

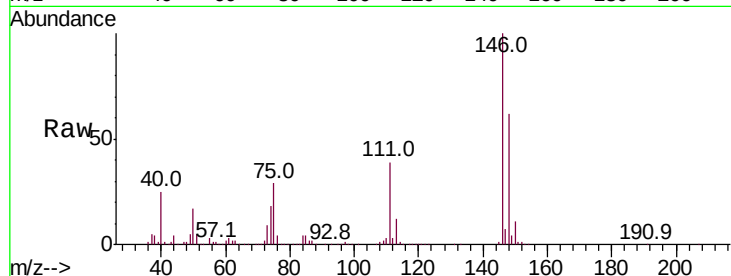




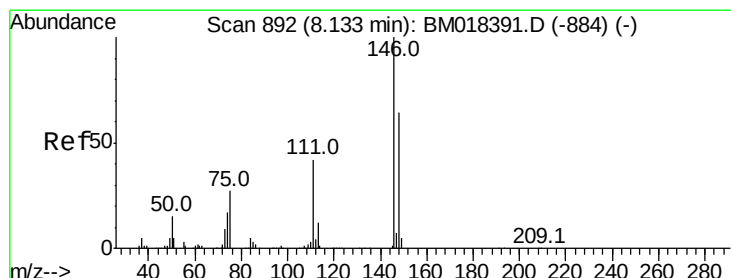
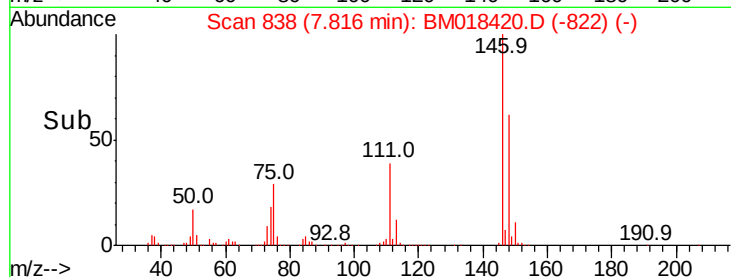
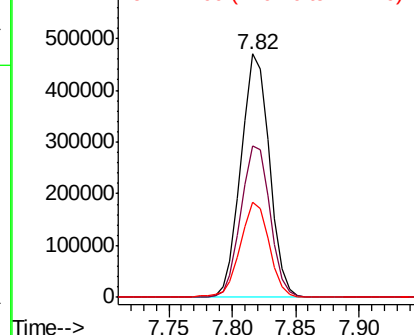
#13
1,4-Dichlorobenzene
Concen: 18.802 ng
RT: 7.82 min Scan# 838
Delta R.T. -0.01 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

Tot Ion:146 Resp: 730954
Ion Ratio Lower Upper
146 100
148 62.3 50.8 76.2
111 39.1 32.2 48.2

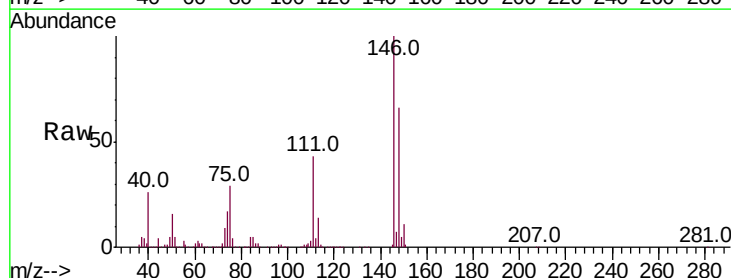


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

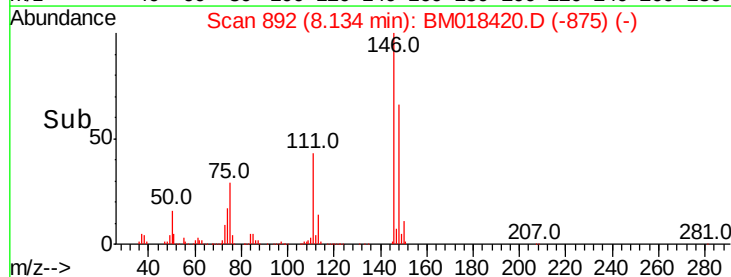
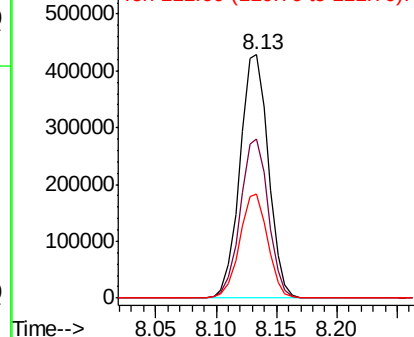


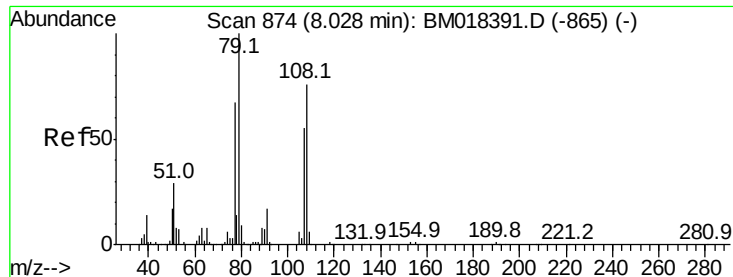
#14
1,2-Dichlorobenzene
Concen: 18.515 ng
RT: 8.13 min Scan# 892
Delta R.T. 0.00 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Tgt Ion:146 Resp: 706260
Ion Ratio Lower Upper
146 100
148 65.6 51.0 76.6
111 42.8 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

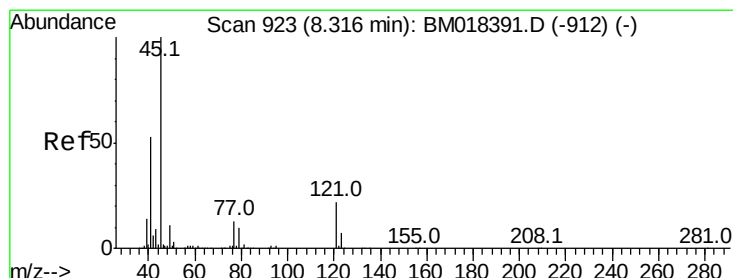
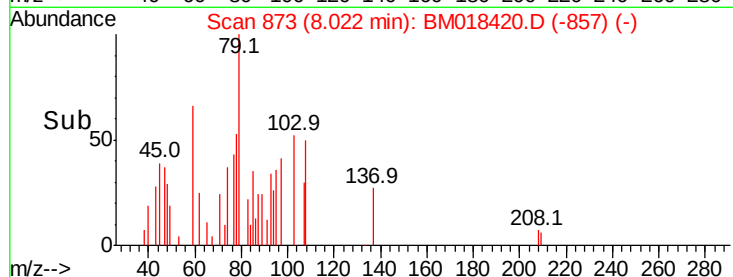
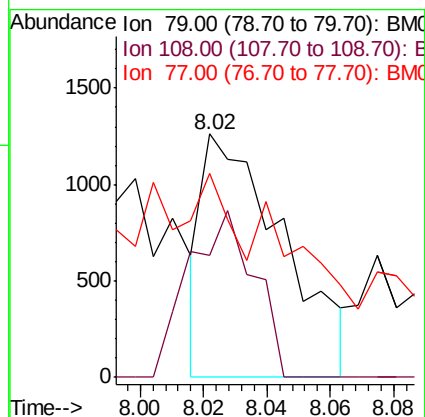
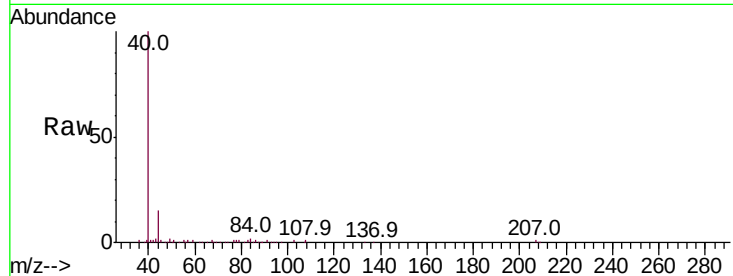




#15
Benzyl Alcohol
Concen: 0.076 ng
RT: 8.02 min Scan# 873
Delta R.T. -0.01 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

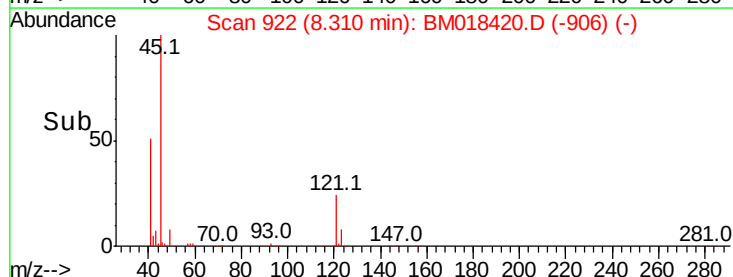
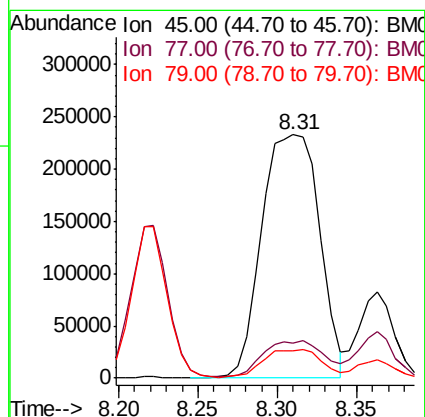
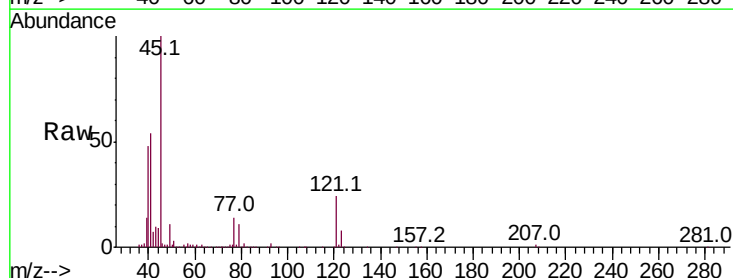
Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

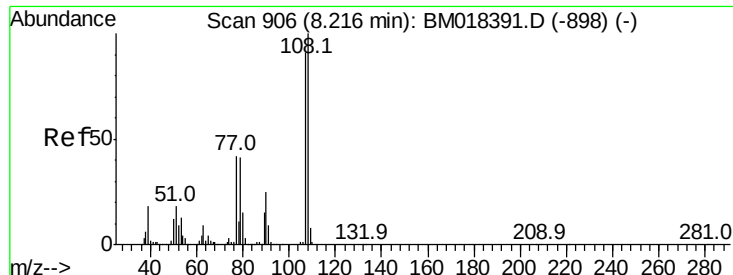
Tot Ion: 79 Resp: 2226
Ion Ratio Lower Upper
79 100
108 50.2 60.4 90.6#
77 83.9 53.4 80.2#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.258 ng
RT: 8.31 min Scan# 922
Delta R.T. -0.01 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Tgt Ion: 45 Resp: 587172
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.4
79 11.2 0.0 31.1

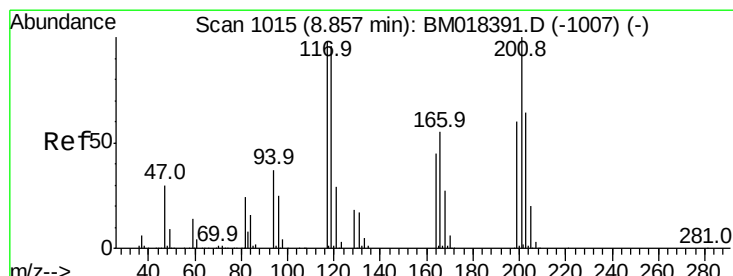
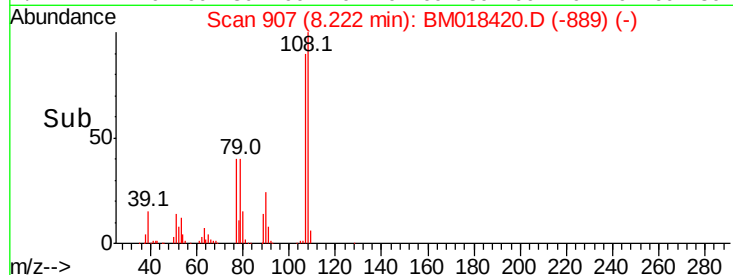
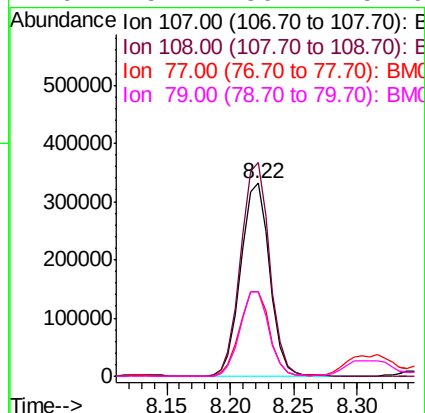
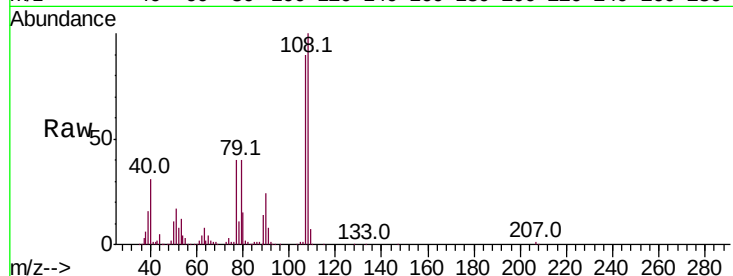




#17
2-Methylphenol
Concen: 19.231 ng
RT: 8.22 min Scan# 907
Delta R.T. 0.01 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

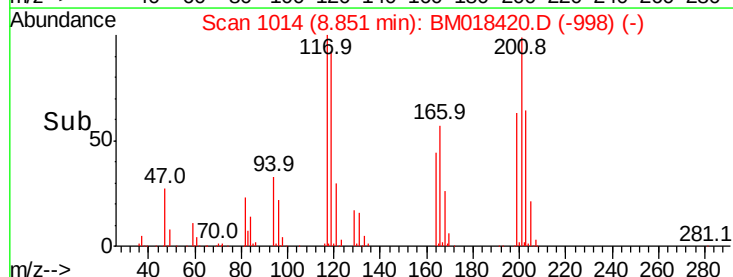
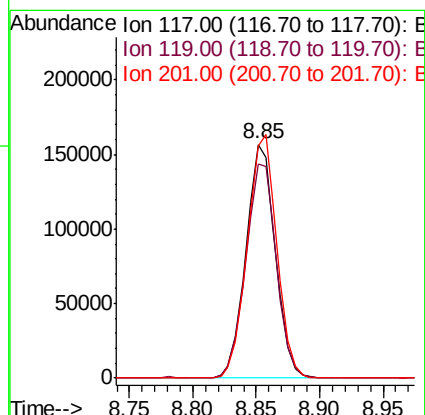
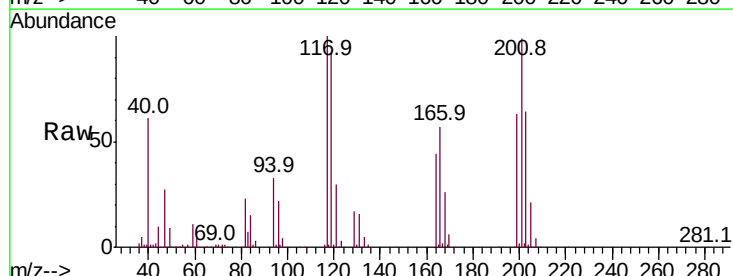
Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

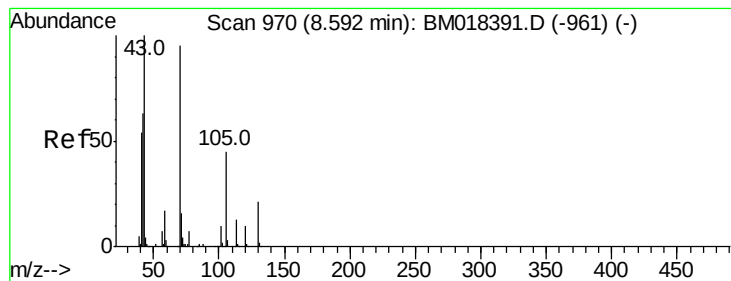
Tot Ion:	107	Resp:	525707
Ion	Ratio	Lower	Upper
107	100		
108	110.6	87.5	131.3
77	43.9	37.3	55.9
79	43.7	36.4	54.6



#18
Hexachloroethane
Concen: 18.203 ng
RT: 8.85 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Tgt Ion:	117	Resp:	252595
Ion	Ratio	Lower	Upper
117	100		
119	91.8	78.3	117.5
201	99.1	81.4	122.0





#19

n-Nitroso-di-n-propylamine

Concen: 19.332 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Instrument :

BNA_M

ClientSampleId :

381211744-2MSD

Tot Ion: 70 Resp: 552399

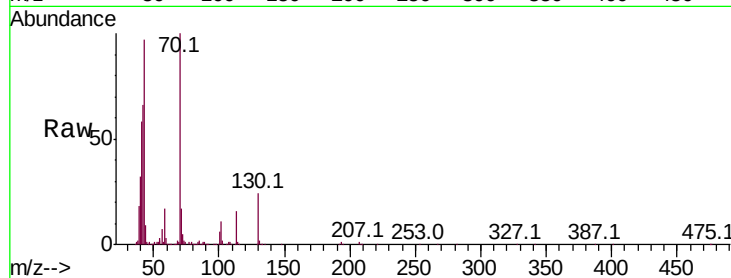
Ion Ratio Lower Upper

70 100

42 66.2 54.0 81.0

101 10.5 8.1 12.1

130 24.0 17.8 26.6

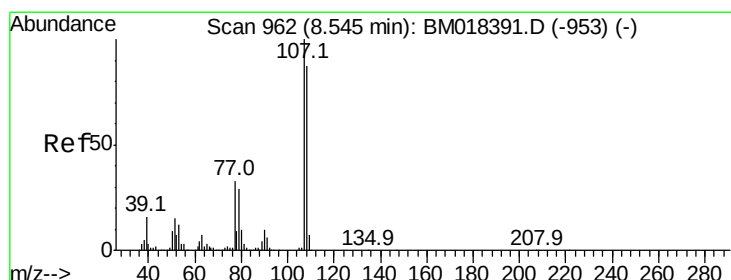
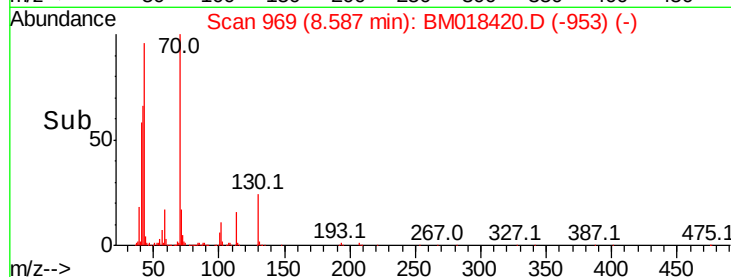
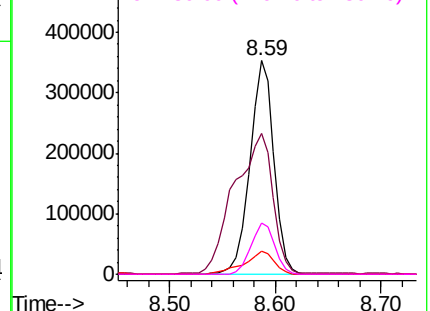


Abundance Ion 70.00 (69.70 to 70.70): BM018391.D (-961) (-)

Ion 42.00 (41.70 to 42.70): BM018391.D (-961) (-)

Ion 101.00 (100.70 to 101.70): BM018391.D (-961) (-)

Ion 130.00 (129.70 to 130.70): BM018391.D (-961) (-)



#20

3+4-Methylphenols

Concen: 20.912 ng

RT: 8.55 min Scan# 962

Delta R.T. 0.00 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Tgt Ion:107 Resp: 766942

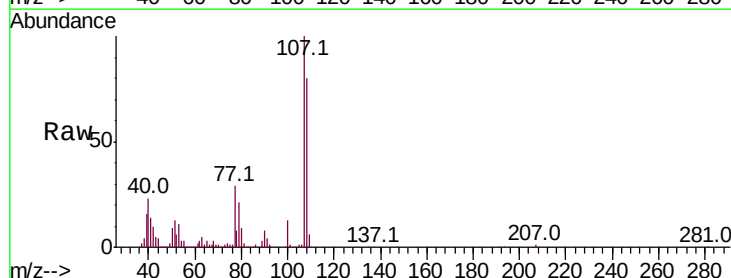
Ion Ratio Lower Upper

107 100

108 79.7 66.8 106.8

77 29.2 13.3 53.3

79 21.0 8.8 48.8

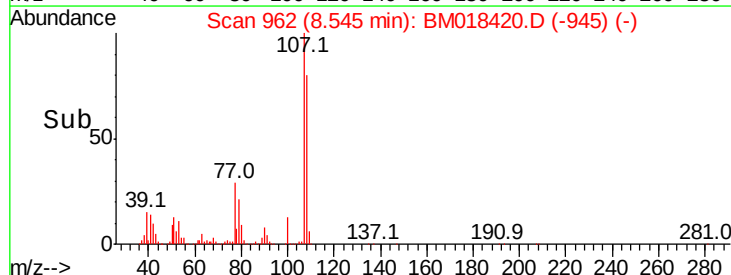
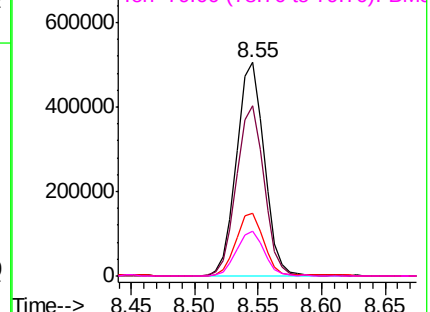


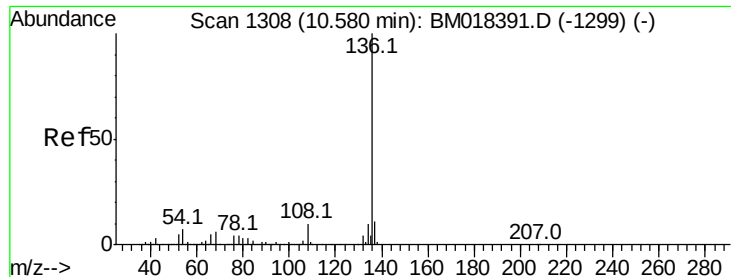
Abundance Ion 107.00 (106.70 to 107.70): BM018391.D (-953) (-)

Ion 108.00 (107.70 to 108.70): BM018391.D (-953) (-)

Ion 77.00 (76.70 to 77.70): BM018391.D (-953) (-)

Ion 79.00 (78.70 to 79.70): BM018391.D (-953) (-)

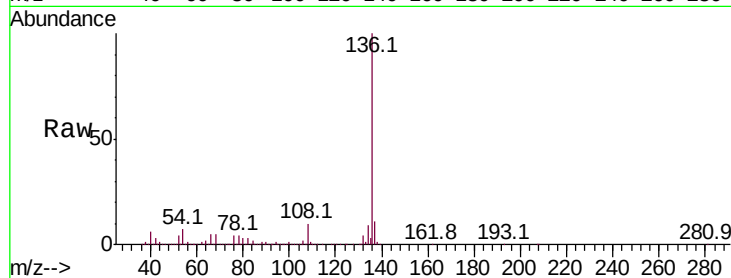




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

Tot Ion:136	Resp: 2328057
Ion Ratio	Lower Upper
136 100	
137 10.9	8.5 12.7
54 7.0	6.0 9.0
68 4.8	4.5 6.7



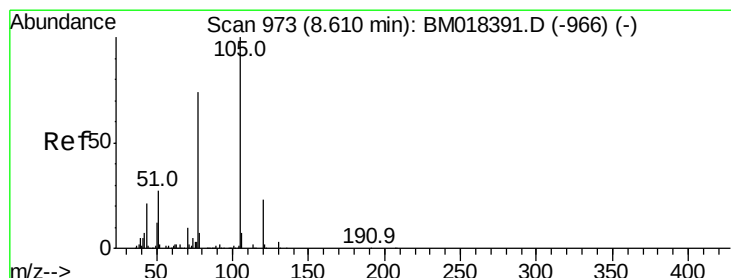
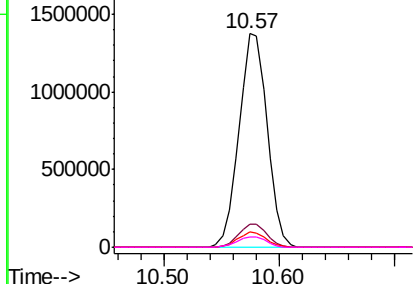
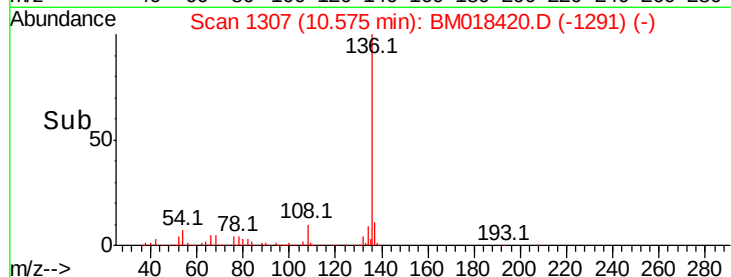
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

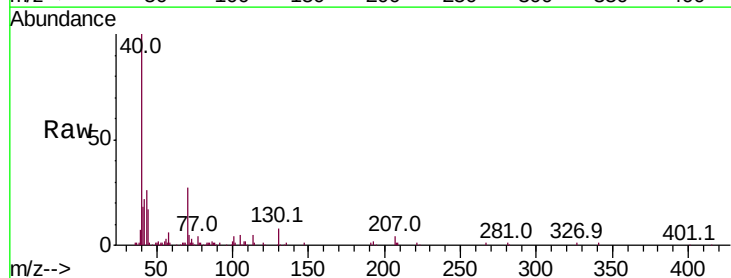
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 0.130 ng
RT: 8.61 min Scan# 973
Delta R.T. 0.00 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Tgt	Ion:105	Resp:	7674
Ion	Ratio	Lower	Upper
105	100		
71	92.8	1.7	2.5#
51	41.5	22.6	34.0#
120	18.1	18.3	27.5#



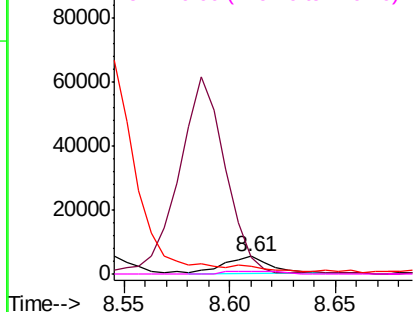
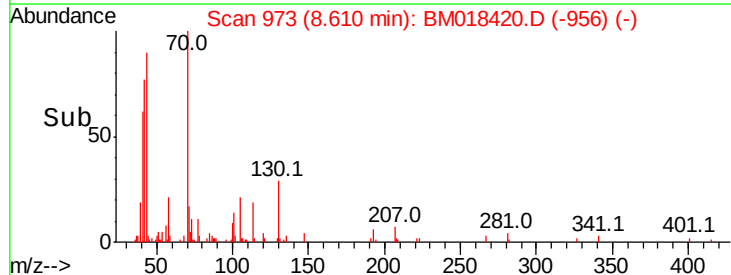
Abundance

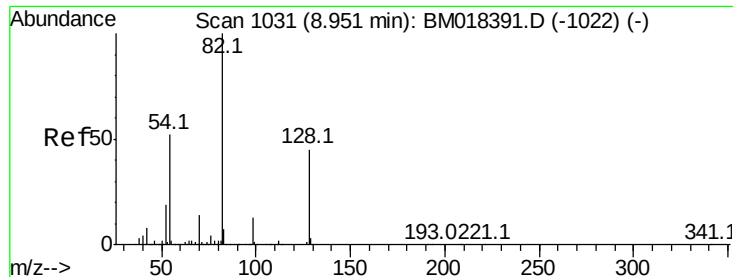
Ion 105.00 (104.70 to 105.70): E

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

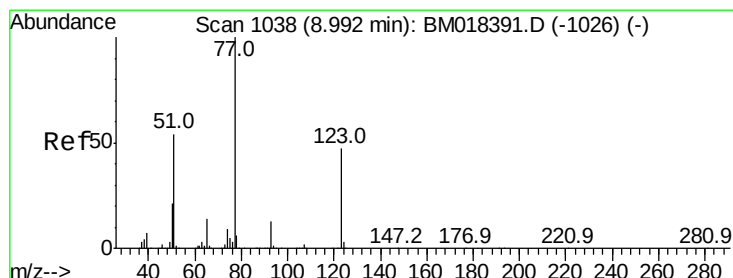
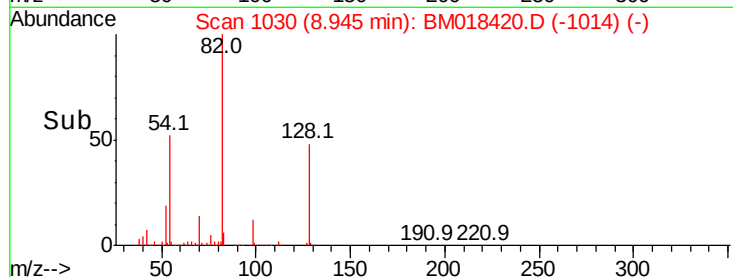
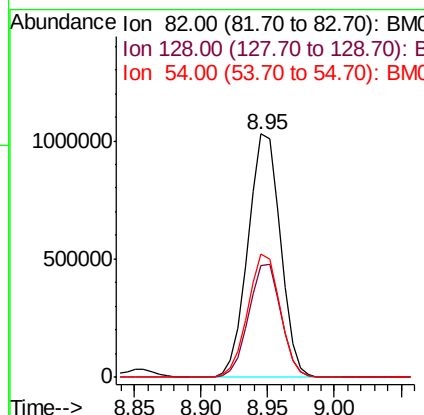
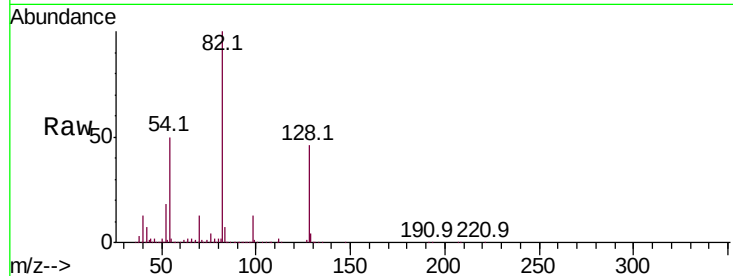




#23
Nitrobenzene-d5
Concen: 42.623 ng
RT: 8.95 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

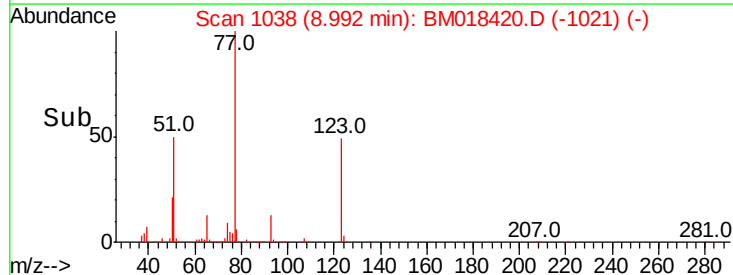
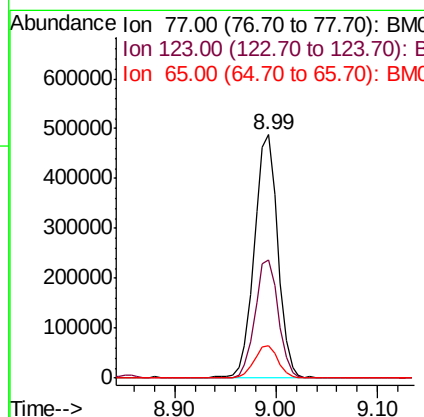
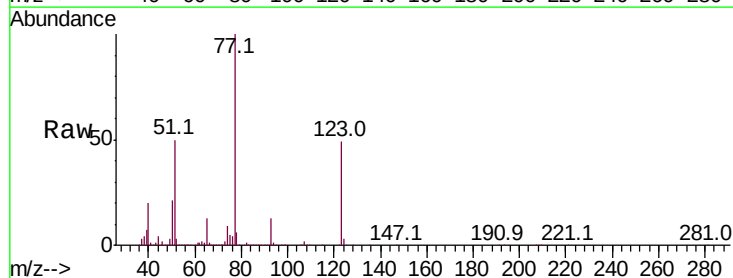
Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

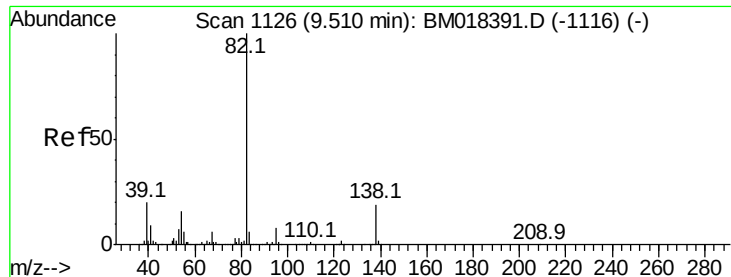
Tot Ion: 82 Resp: 1728912
Ion Ratio Lower Upper
82 100
128 45.8 36.3 54.5
54 50.4 41.7 62.5



#24
Nitrobenzene
Concen: 19.490 ng
RT: 8.99 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Tgt Ion: 77 Resp: 782351
Ion Ratio Lower Upper
77 100
123 48.8 37.7 56.5
65 13.4 11.0 16.6





#25

Isophorone

Concen: 20.600 ng

RT: 9.50 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Instrument :

BNA_M

ClientSampleId :

381211744-2MSD

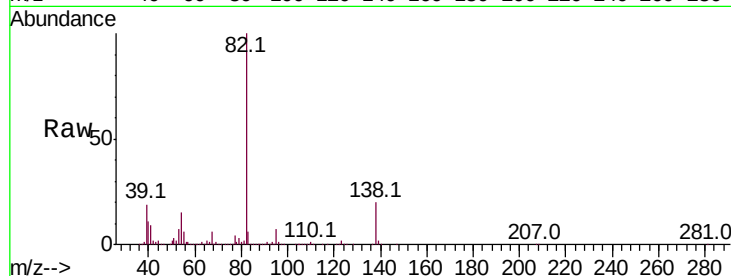
Tot Ion: 82 Resp: 1449427

Ion Ratio Lower Upper

82 100

95 7.3 6.1 9.1

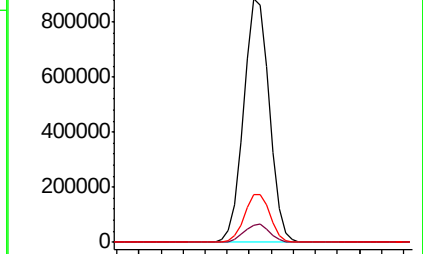
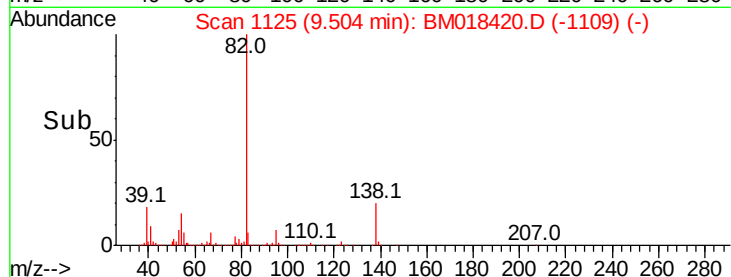
138 19.7 15.1 22.7



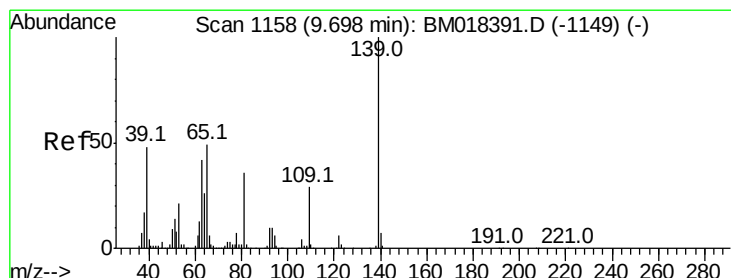
Abundance Ion 82.00 (81.70 to 82.70): BM018420.D (-1109) (-)

Ion 95.00 (94.70 to 95.70): BM018420.D (-1109) (-)

Ion 138.00 (137.70 to 138.70): BM018420.D (-1109) (-)



Time-->



#26

2-Nitrophenol

Concen: 25.272 ng

RT: 9.69 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

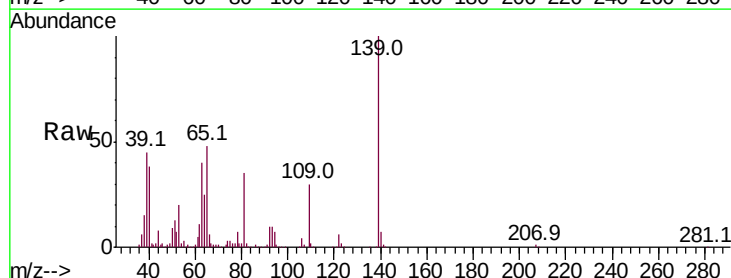
Tgt Ion: 139 Resp: 359526

Ion Ratio Lower Upper

139 100

109 29.6 23.4 35.2

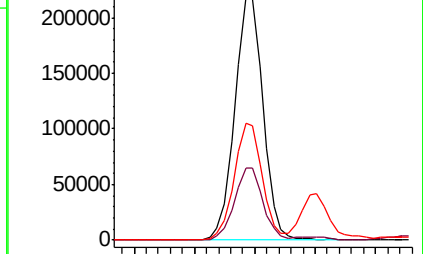
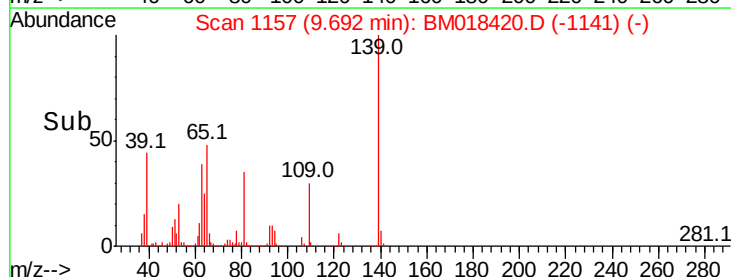
65 48.0 39.4 59.2



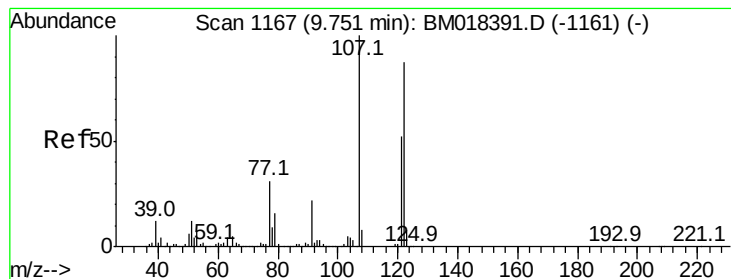
Abundance Ion 139.00 (138.70 to 139.70): BM018420.D (-1141) (-)

Ion 109.00 (108.70 to 109.70): BM018420.D (-1141) (-)

Ion 65.00 (64.70 to 65.70): BM018420.D (-1141) (-)



Time-->



#27

2,4-Dimethylphenol

Concen: 22.888 ng

RT: 9.75 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Instrument :

BNA_M

ClientSampleId :

381211744-2MSD

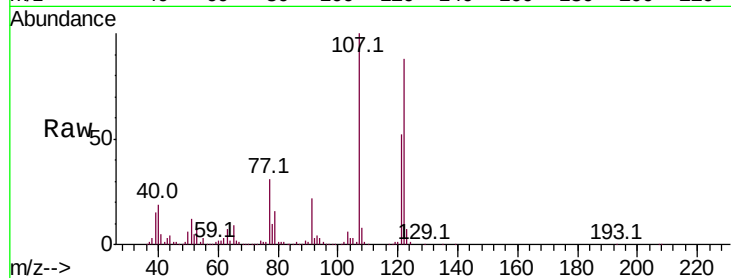
Tot Ion:122 Resp: 667034

Ion Ratio Lower Upper

122 100

107 113.5 91.9 137.9

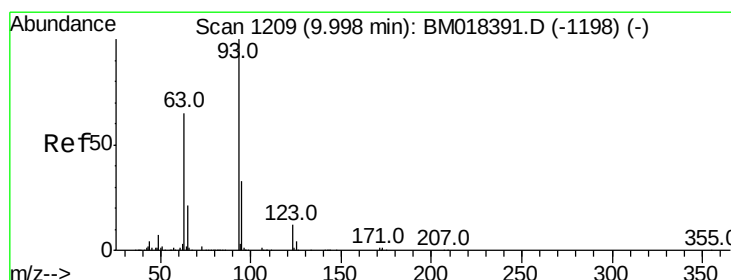
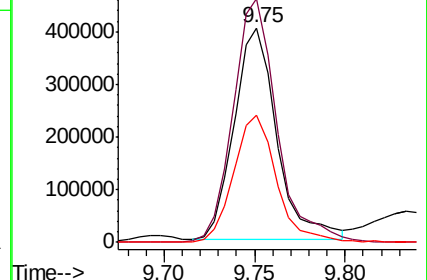
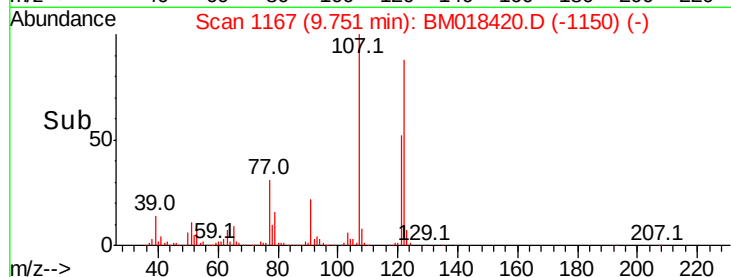
121 59.2 47.5 71.3



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: 17.611 ng

RT: 9.99 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

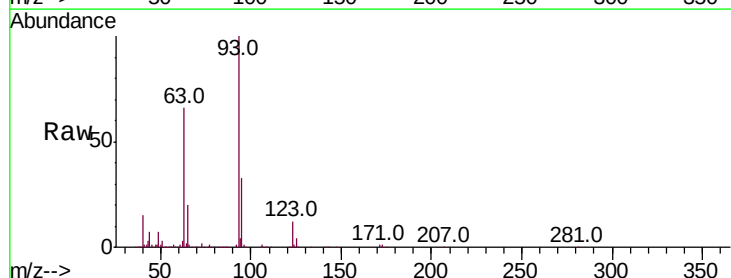
Tgt Ion: 93 Resp: 777705

Ion Ratio Lower Upper

93 100

95 33.0 26.6 39.8

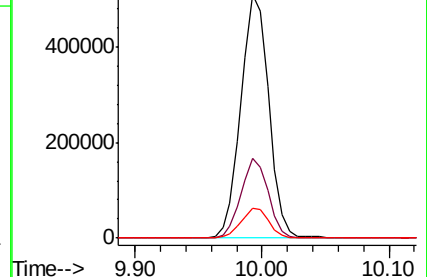
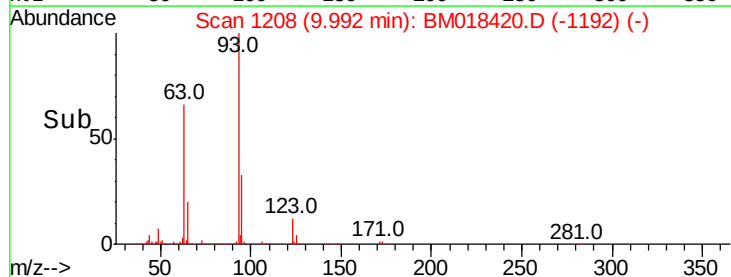
123 12.1 9.9 14.9

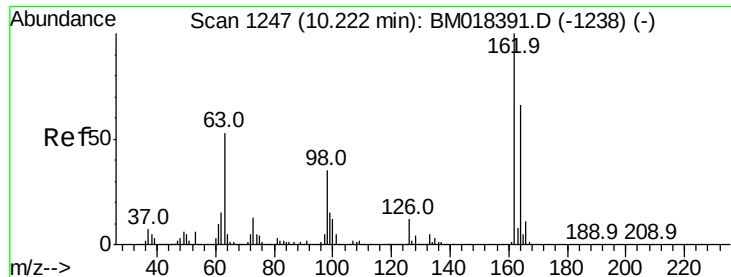


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 23.954 ng

RT: 10.22 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Instrument :

BNA_M

ClientSampleId :

381211744-2MSD

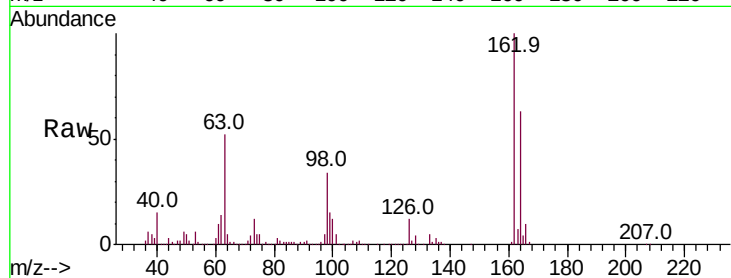
Tot Ion:162 Resp: 772110

Ion Ratio Lower Upper

162 100

164 63.4 45.6 85.6

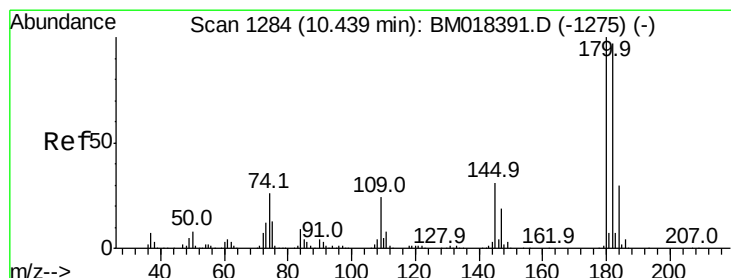
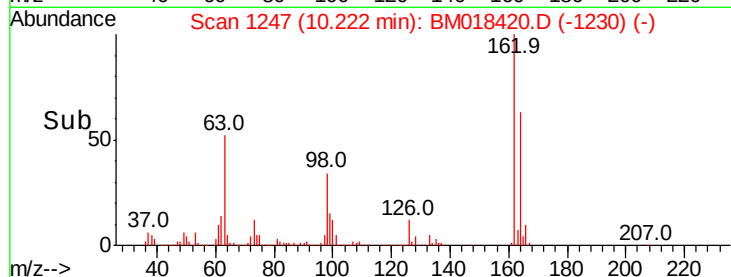
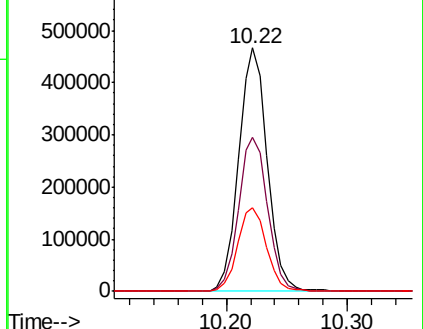
98 34.4 14.7 54.7



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): B



#30

1,2,4-Trichlorobenzene

Concen: 19.116 ng

RT: 10.44 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

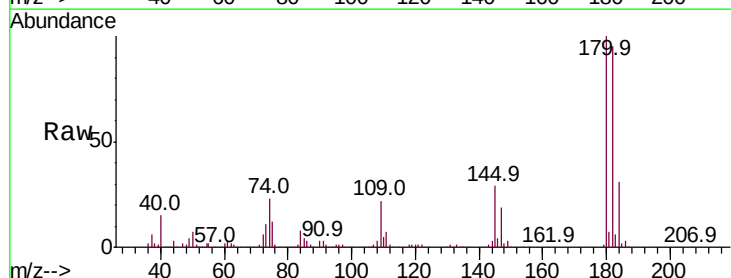
Tgt Ion:180 Resp: 754819

Ion Ratio Lower Upper

180 100

182 95.0 77.4 116.2

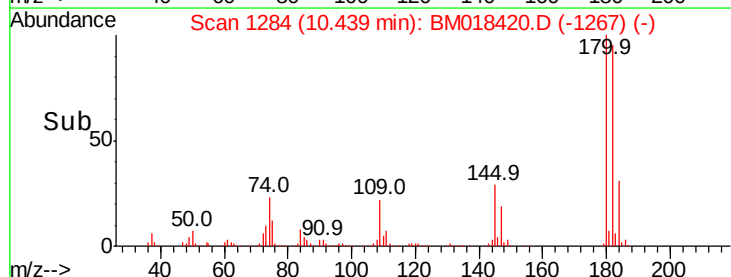
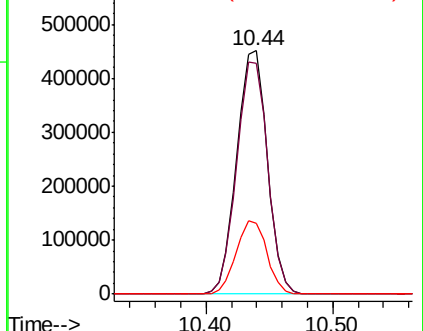
145 29.2 24.6 37.0

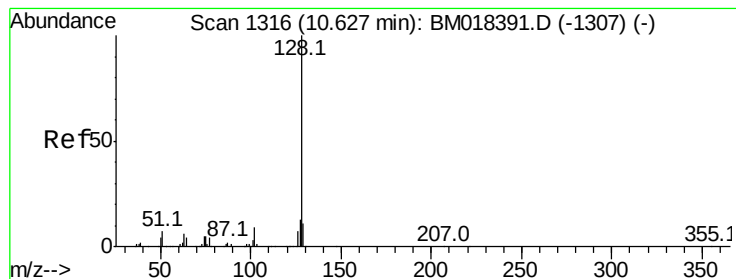


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

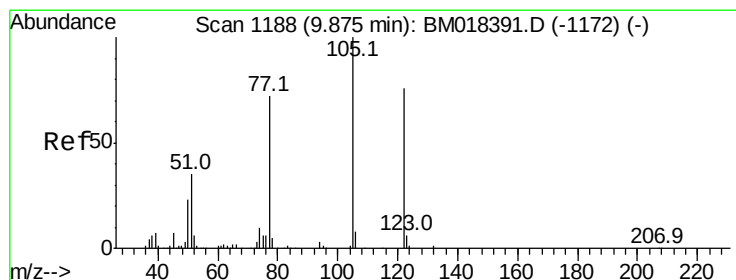
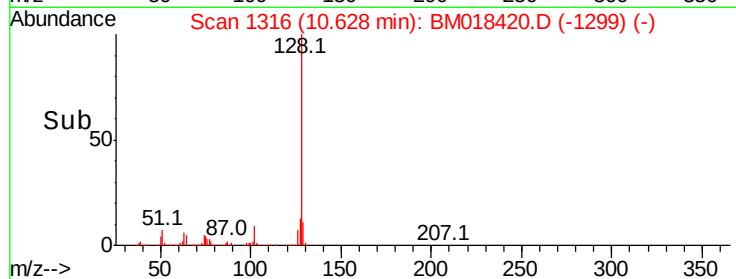
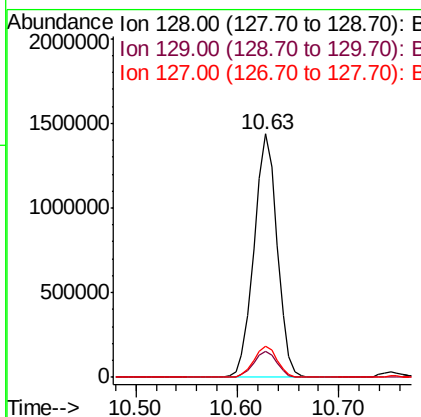
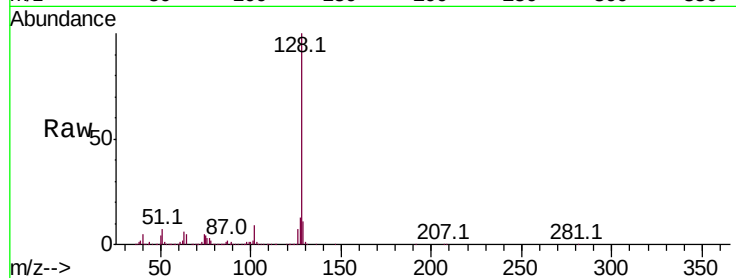




#31
Naphthalene
Concen: 20.339 ng
RT: 10.63 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

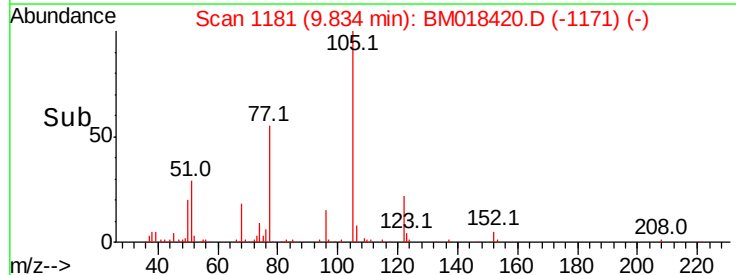
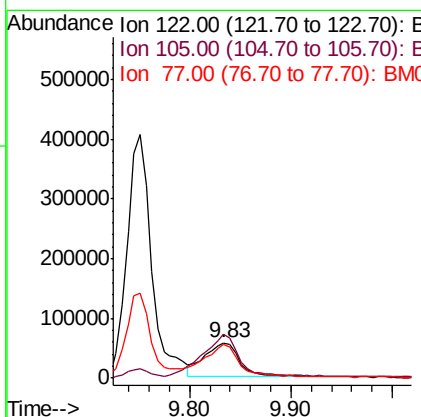
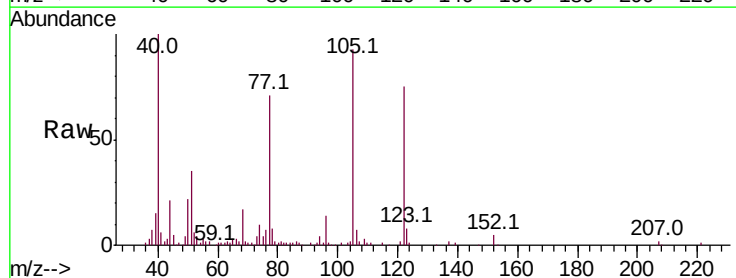
Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

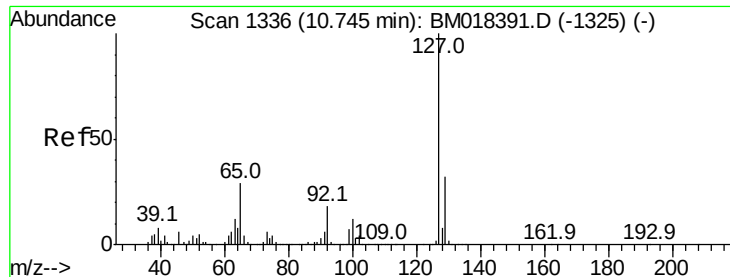
Tot Ion:128 Resp: 2282225
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 12.8 10.8 16.2



#32
Benzoic acid
Concen: 13.167 ng
RT: 9.83 min Scan# 1181
Delta R.T. -0.04 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Tgt Ion:122 Resp: 140692
Ion Ratio Lower Upper
122 100
105 123.1 100.4 140.4
77 93.5 71.7 111.7

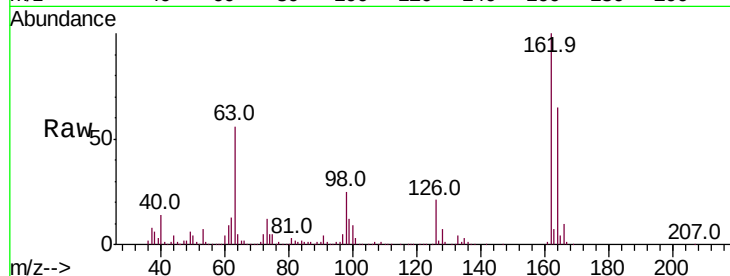




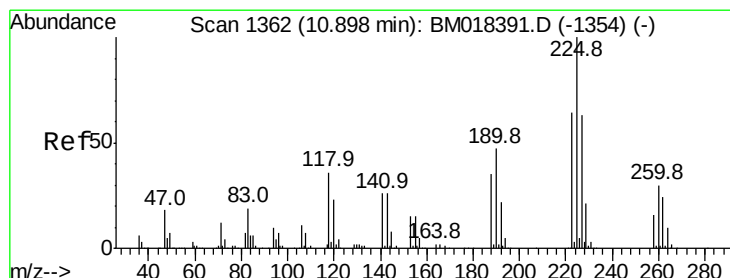
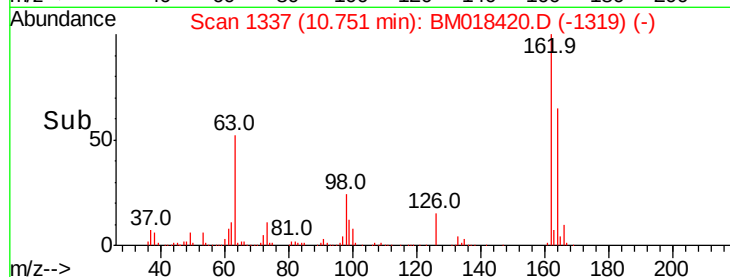
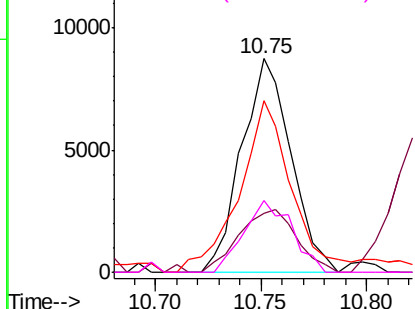
#33
4-Chloroaniline
Concen: 0.275 ng
RT: 10.75 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

Tot Ion:	127	Resp:	14152
Ion	Ratio	Lower	Upper
127	100		
129	27.7	25.9	38.9
65	80.5	23.4	35.2#
92	33.8	14.5	21.7#

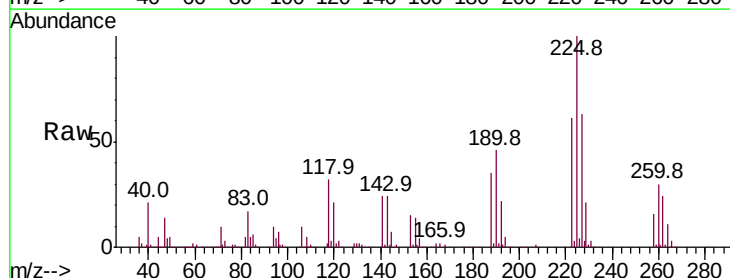


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

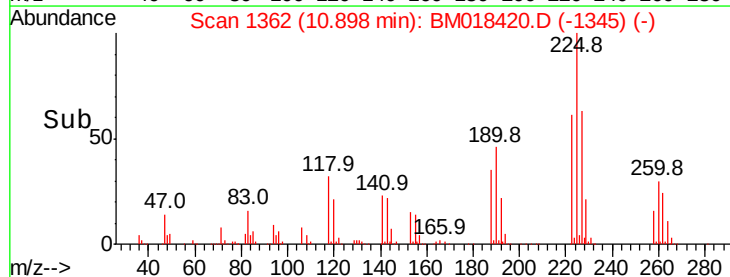
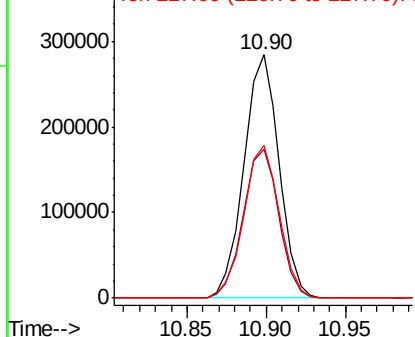


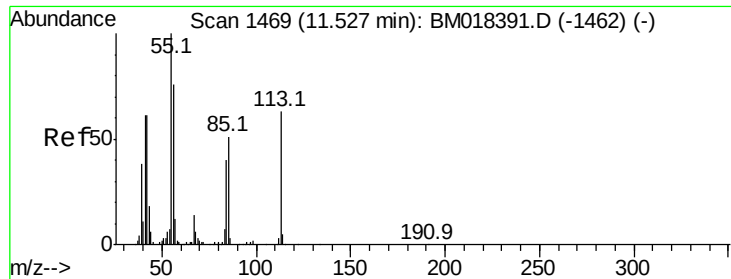
#34
Hexachlorobutadiene
Concen: 18.297 ng
RT: 10.90 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Tgt Ion:	225	Resp:	438684
Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.8	76.2
227	62.7	50.4	75.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

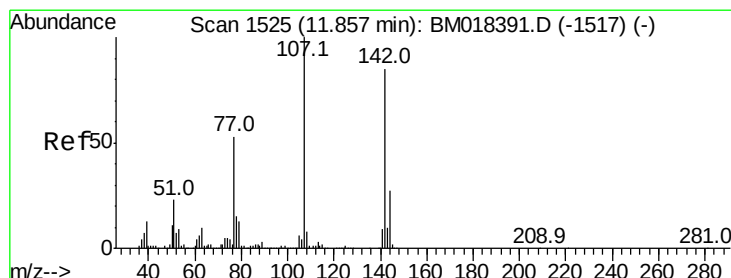
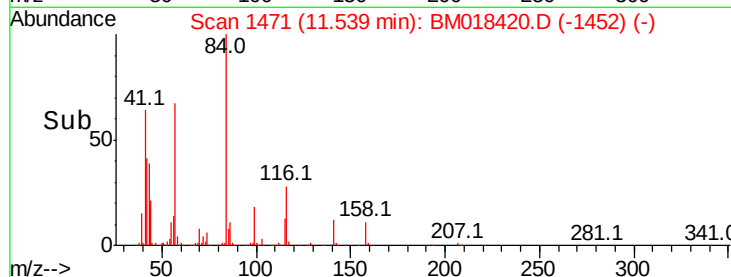
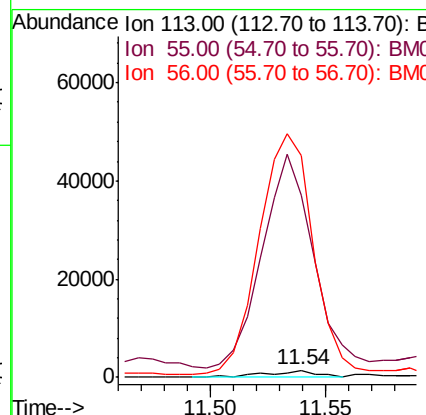
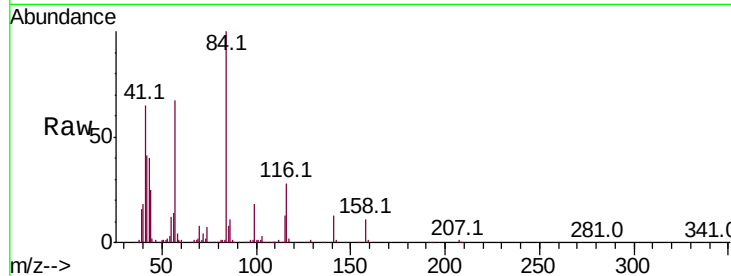




#35
 Caprolactam
 Concen: 0.182 ng
 RT: 11.54 min Scan# 1471
 Delta R.T. 0.01 min
 Lab File: BM018420.D
 Acq: 28 Dec 2018 06:03

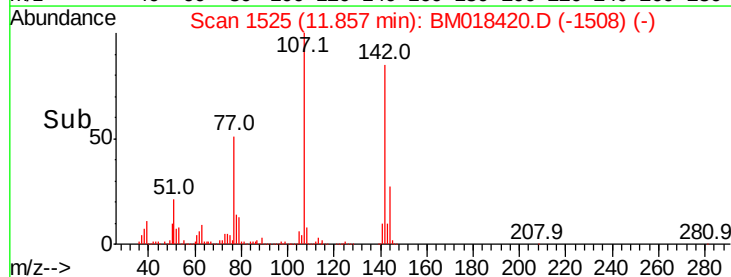
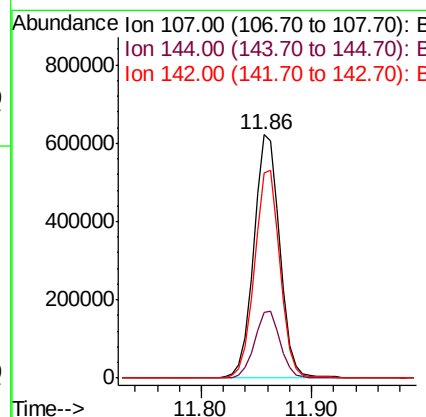
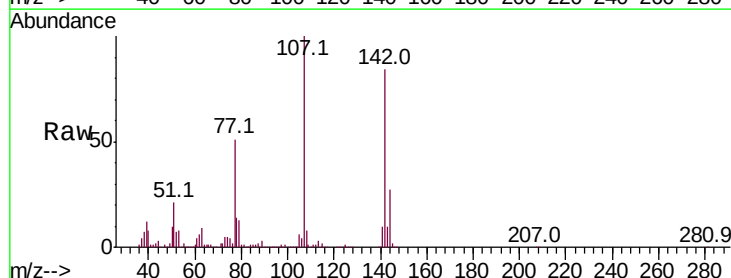
Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MSD

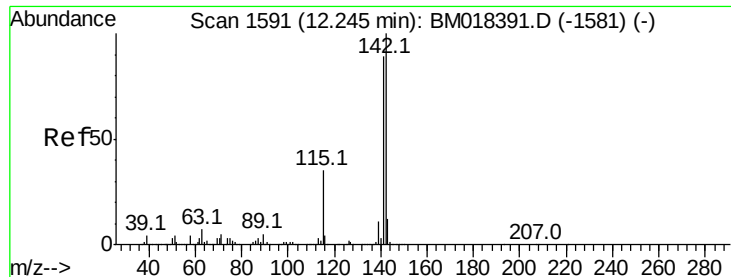
Tot Ion:113 Resp: 2173
 Ion Ratio Lower Upper
 113 100
 55 2483.9 139.3 179.3#
 56 3014.0 101.4 141.4#



#36
 4-Chloro-3-methylphenol
 Concen: 28.141 ng
 RT: 11.86 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BM018420.D
 Acq: 28 Dec 2018 06:03

Tgt Ion:107 Resp: 1028184
 Ion Ratio Lower Upper
 107 100
 144 27.0 21.9 32.9
 142 84.5 67.9 101.9

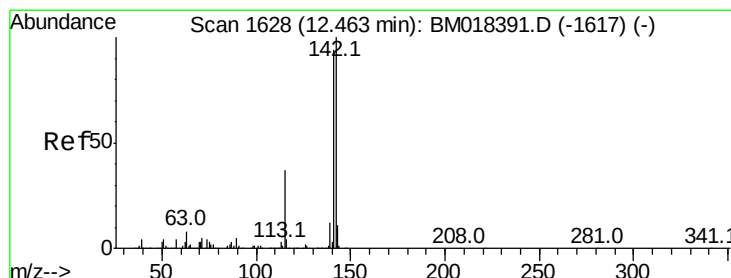
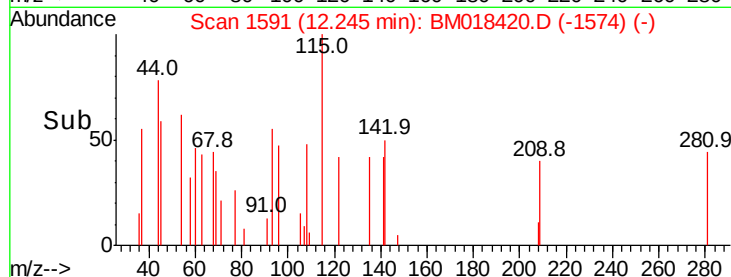
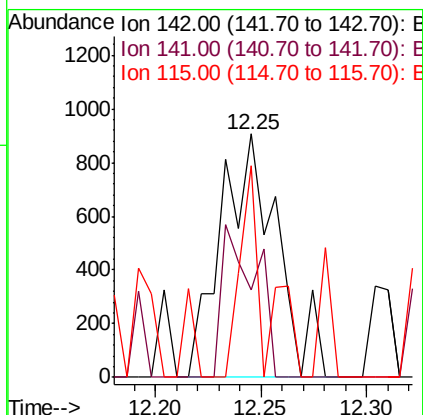
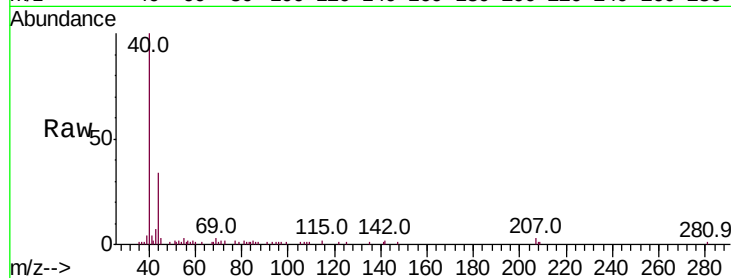




#37
2-Methylnaphthalene
Concen: 0.020 ng
RT: 12.25 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

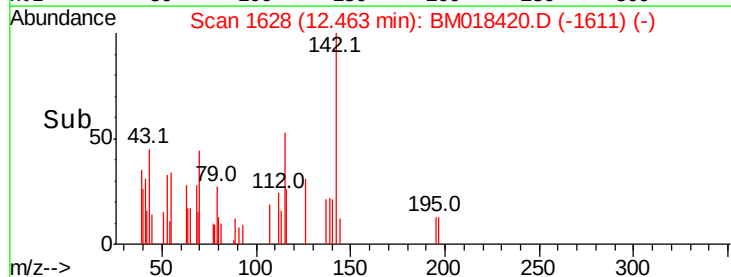
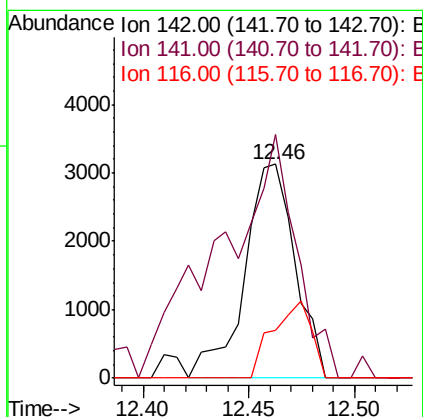
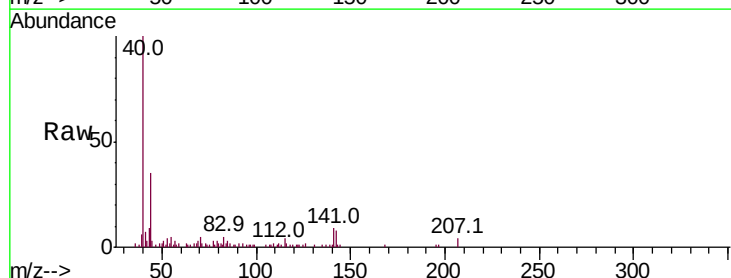
Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

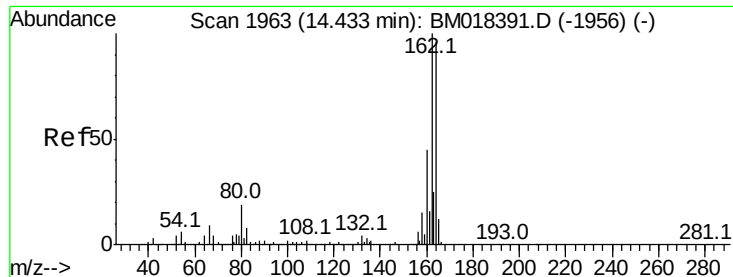
Tot Ion:142 Resp: 1672
Ion Ratio Lower Upper
142 100
141 36.2 71.4 107.2#
115 87.0 28.0 42.0#



#38
1-Methylnaphthalene
Concen: 0.065 ng
RT: 12.46 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Tgt Ion:142 Resp: 5224
Ion Ratio Lower Upper
142 100
141 113.9 75.6 113.4#
116 22.4 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: BM018420.D

Acq: 28 Dec 2018 06:03

Instrument :

BNA_M

ClientSampleId :

381211744-2MSD

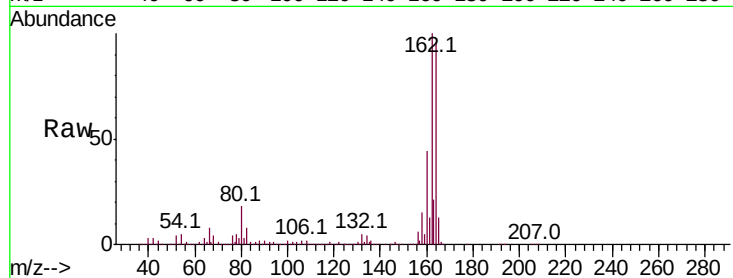
Tot Ion:164 Resp: 1395444

Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.4

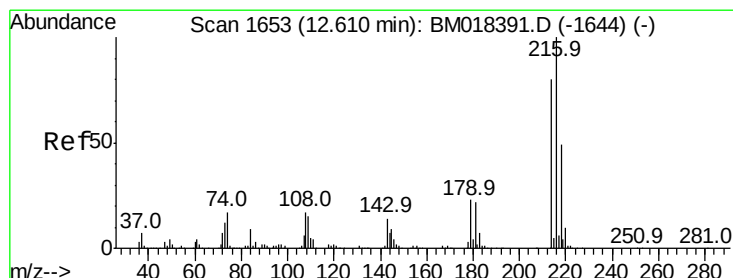
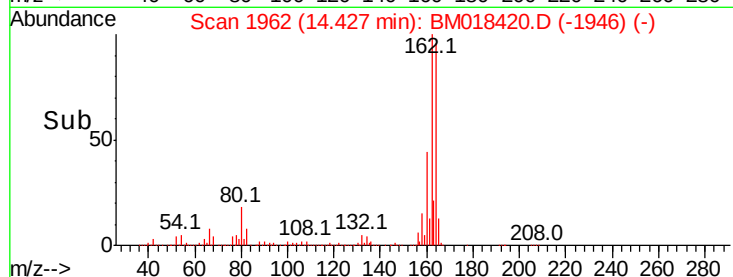
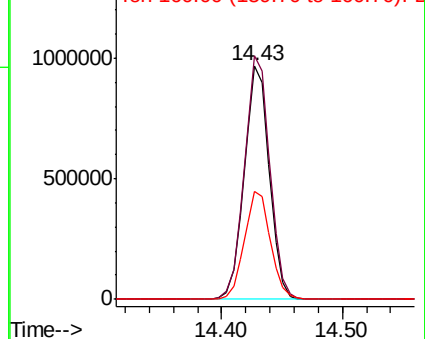
160 45.9 37.1 55.7



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: 20.668 ng

RT: 12.60 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Tgt Ion:216 Resp: 902912

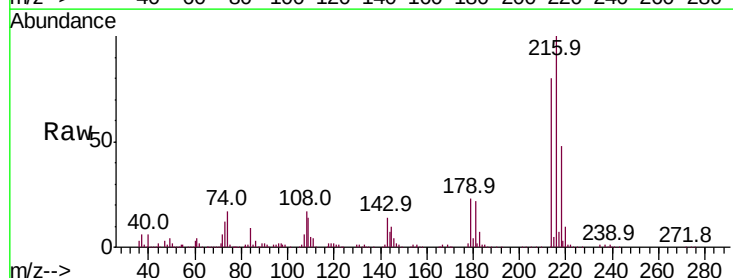
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.0

179 22.0 17.9 26.9

108 18.6 15.8 23.6

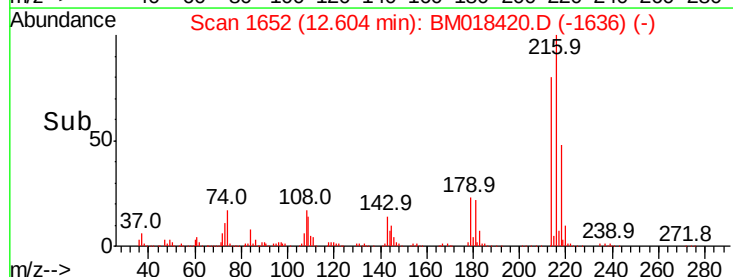
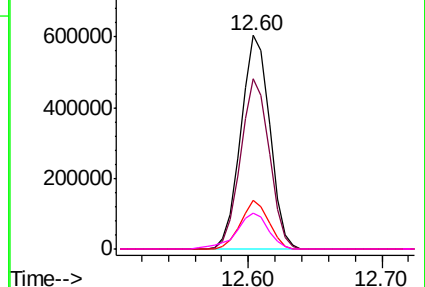


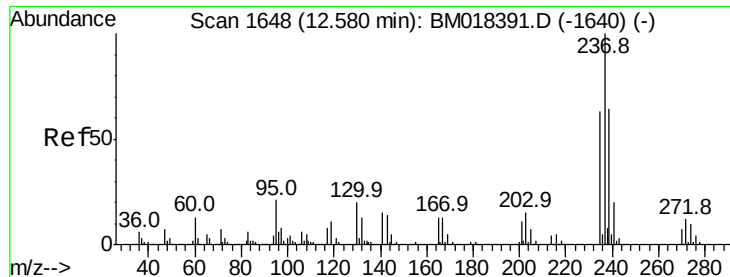
Abundance Ion 216.00 (215.70 to 216.70): E

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: 20.527 ng

RT: 12.58 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Instrument :

BNA_M

ClientSampleId :

381211744-2MSD

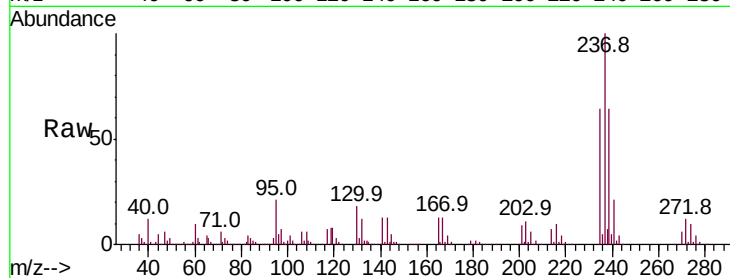
Tot Ion:237 Resp: 434823

Ion Ratio Lower Upper

237 100

235 64.1 42.8 82.8

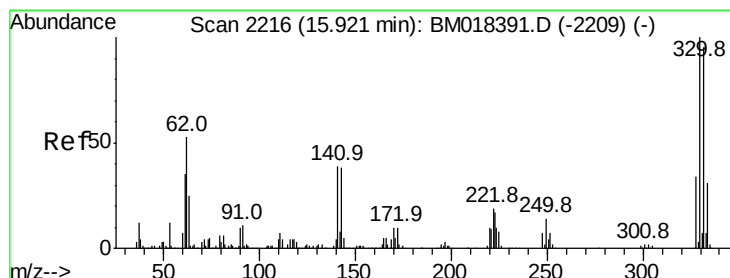
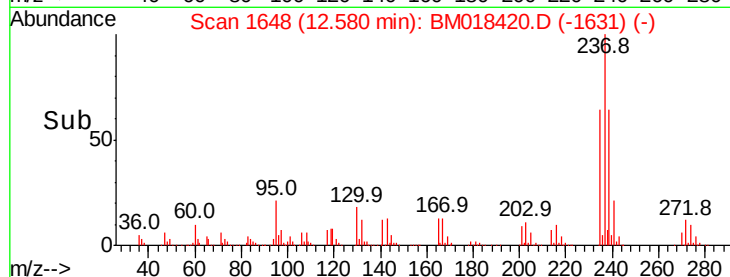
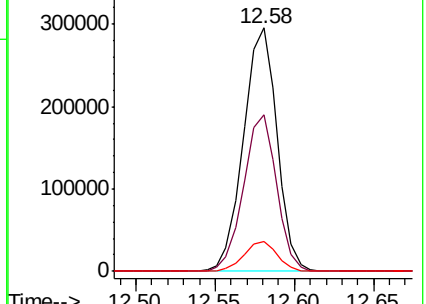
272 12.5 0.0 31.9



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: 65.499 ng

RT: 15.92 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

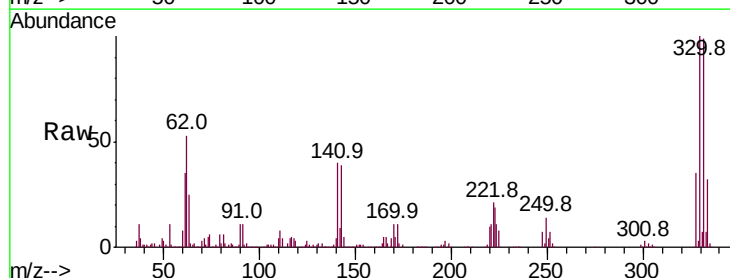
Tgt Ion:330 Resp: 1161311

Ion Ratio Lower Upper

330 100

332 97.1 77.6 116.4

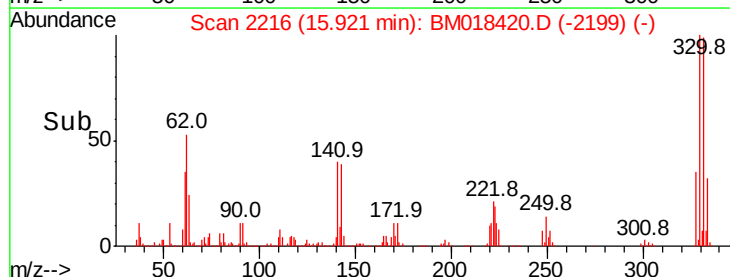
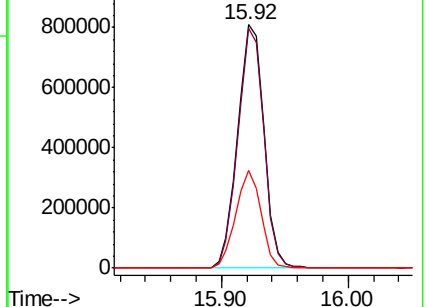
141 38.5 31.7 47.5

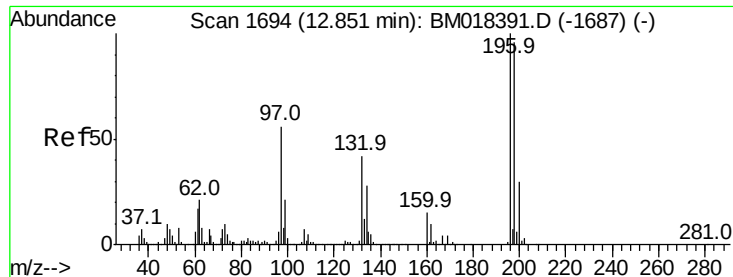


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

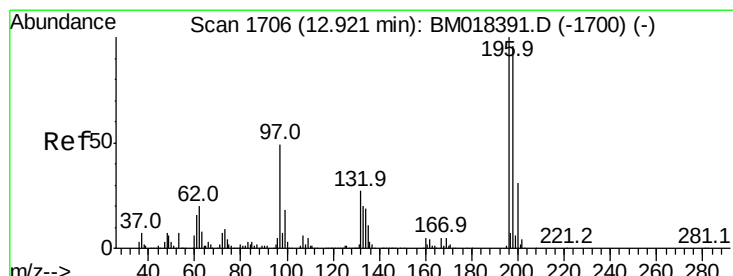
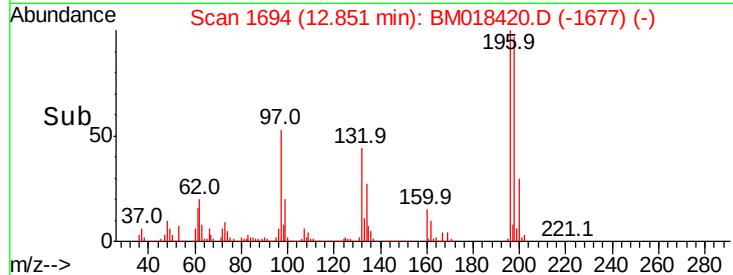
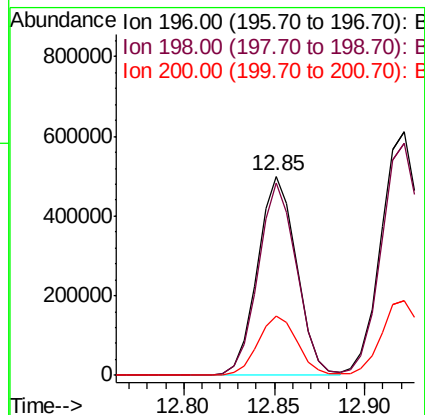
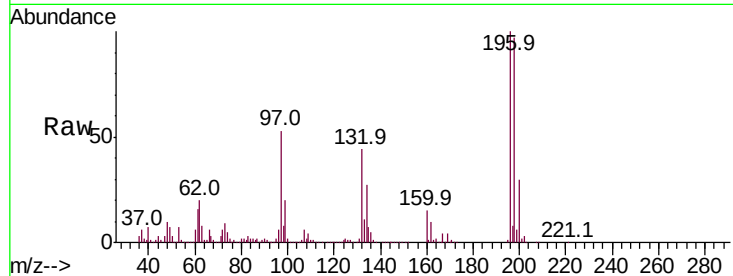




#43
 2,4,6-Trichlorophenol
 Concen: 30.099 ng
 RT: 12.85 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BM018420.D
 Acq: 28 Dec 2018 06:03

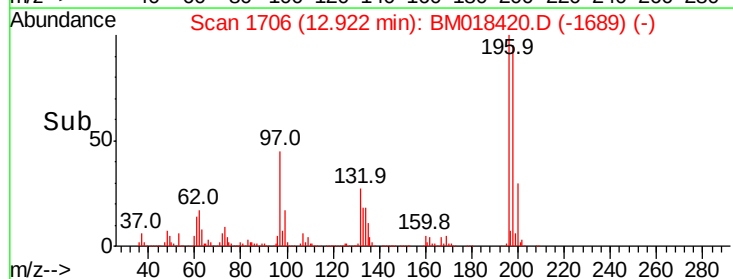
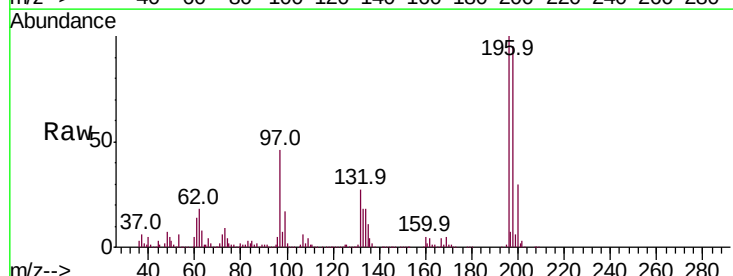
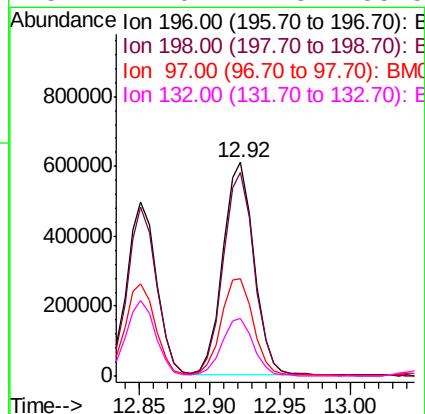
Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MSD

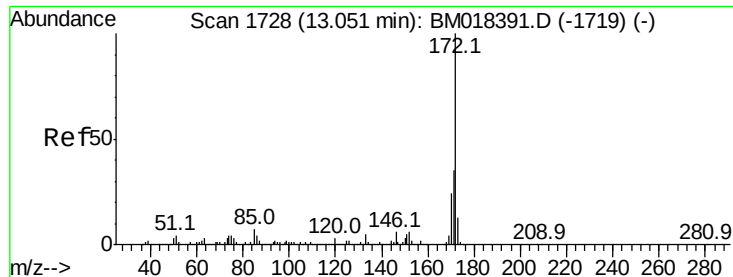
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.6	115.0
200	29.7	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 34.389 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM018420.D
 Acq: 28 Dec 2018 06:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.7	115.1
97	45.7	39.2	58.8
132	27.0	22.3	33.5

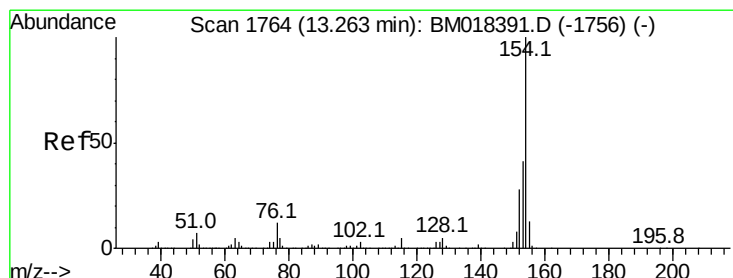
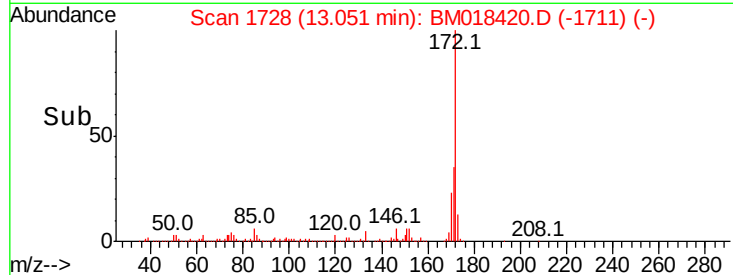
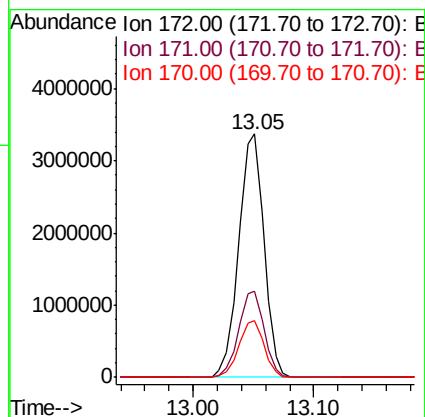
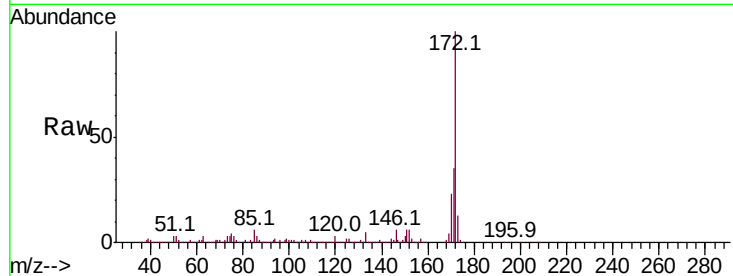




#45
2-Fluorobiphenyl
Concen: 47.792 ng
RT: 13.05 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

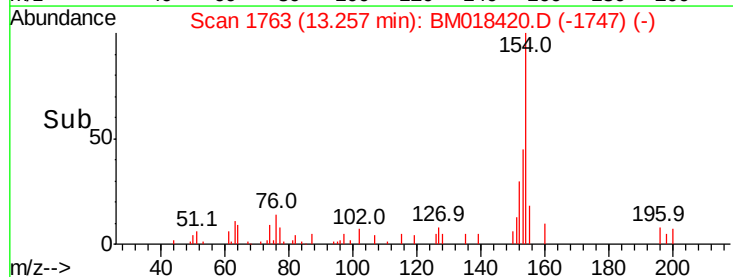
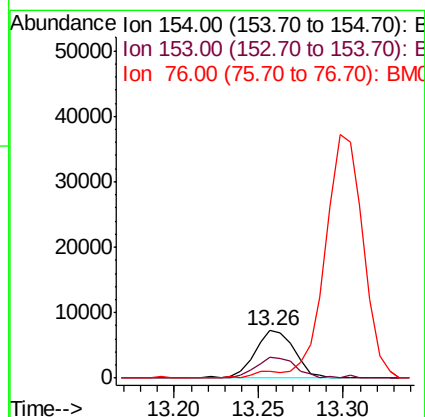
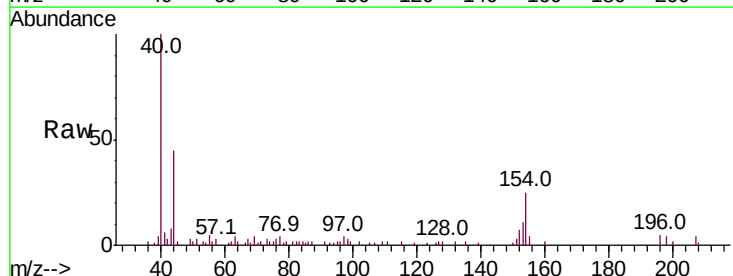
Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

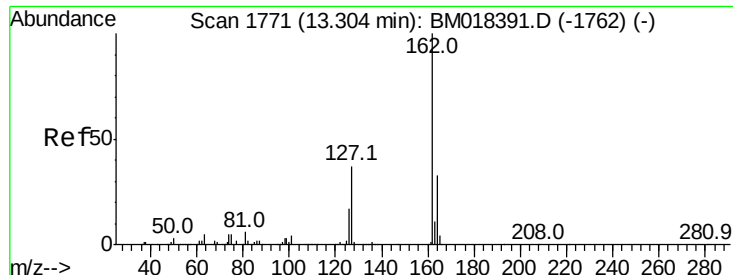
Tot Ion:172 Resp: 4924097
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 0.100 ng
RT: 13.26 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Tgt Ion:154 Resp: 11891
Ion Ratio Lower Upper
154 100
153 44.9 20.5 60.5
76 14.1 0.0 31.9

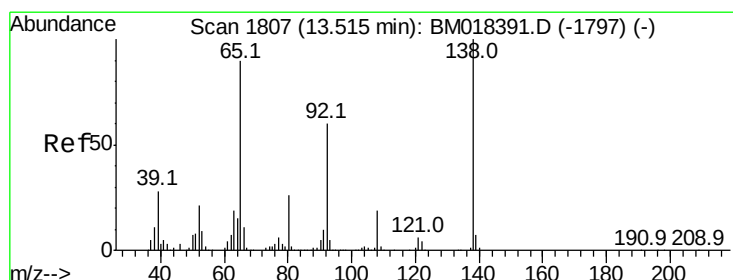
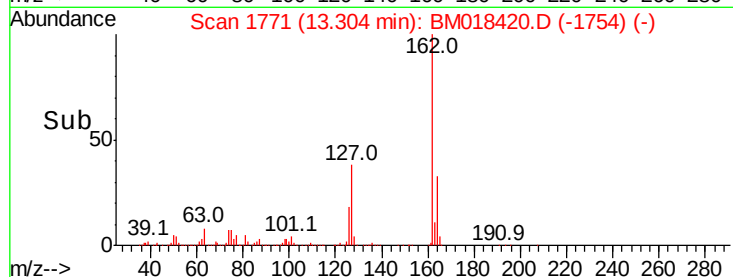
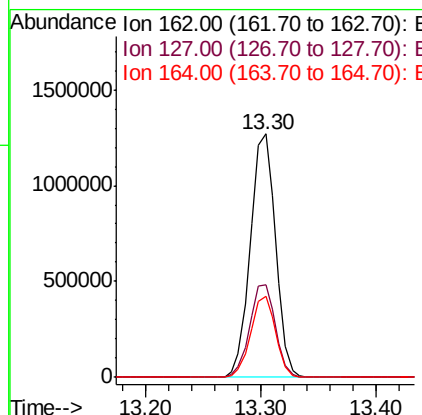
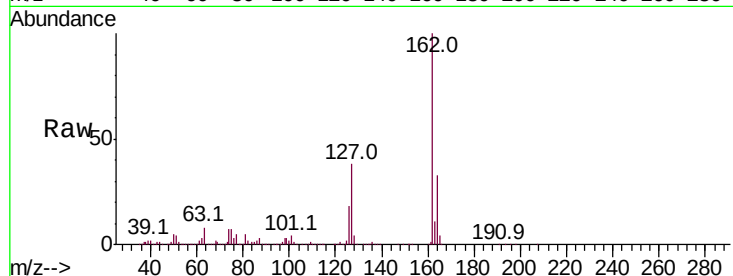




#47
2-Chloronaphthalene
Concen: 21.146 ng
RT: 13.30 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

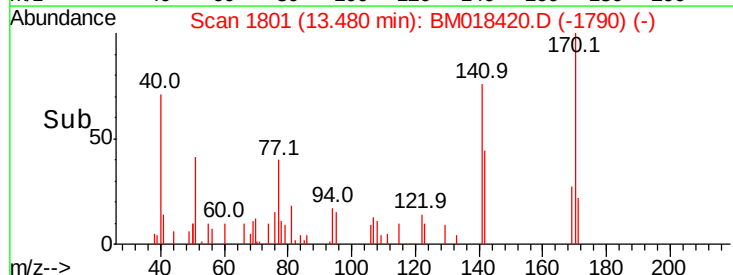
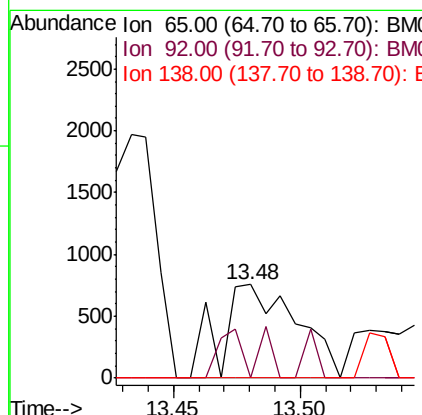
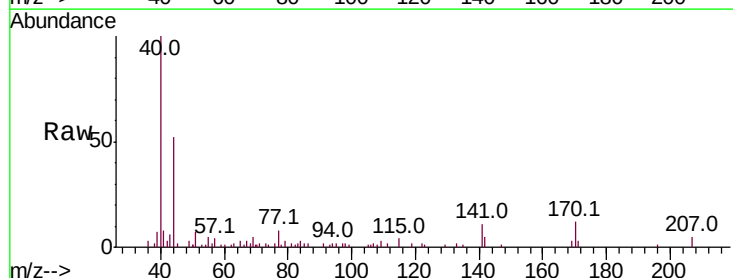
Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

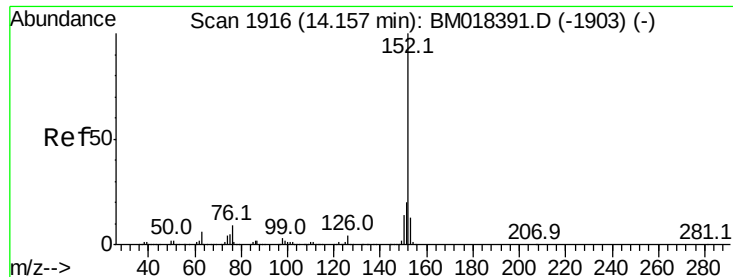
Tot Ion:162 Resp: 1931286
Ion Ratio Lower Upper
162 100
127 38.2 31.4 47.0
164 33.1 26.2 39.4



#48
2-Nitroaniline
Concen: 0.064 ng
RT: 13.48 min Scan# 1801
Delta R.T. -0.04 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Tgt Ion: 65 Resp: 1566
Ion Ratio Lower Upper
65 100
92 0.0 53.4 80.2#
138 0.0 88.9 133.3#





#49

Acenaphthylene

Concen: 23.783 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Instrument :

BNA_M

ClientSampleId :

381211744-2MSD

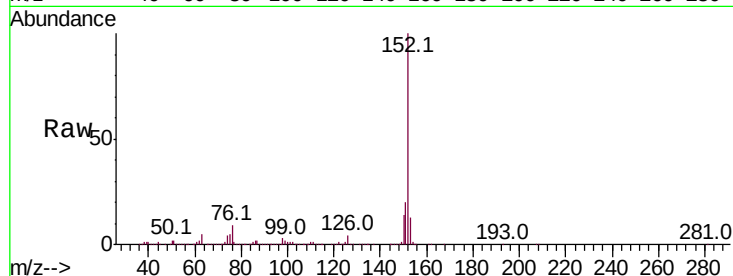
Tot Ion:152 Resp: 3344043

Ion Ratio Lower Upper

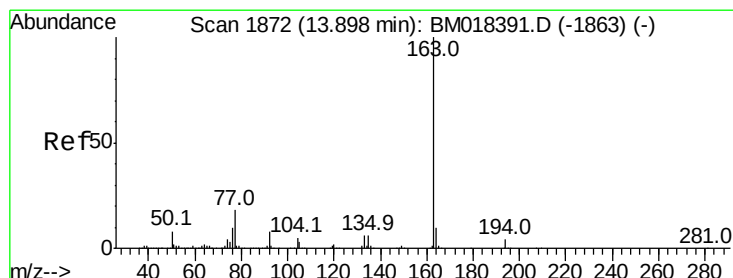
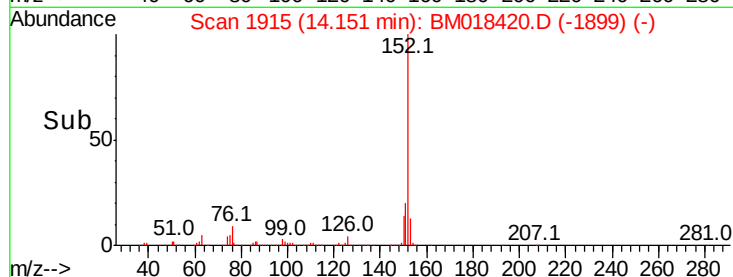
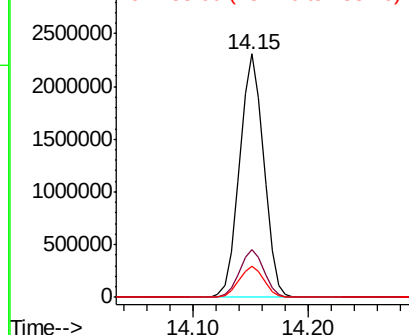
152 100

151 19.7 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: 26.666 ng

RT: 13.89 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

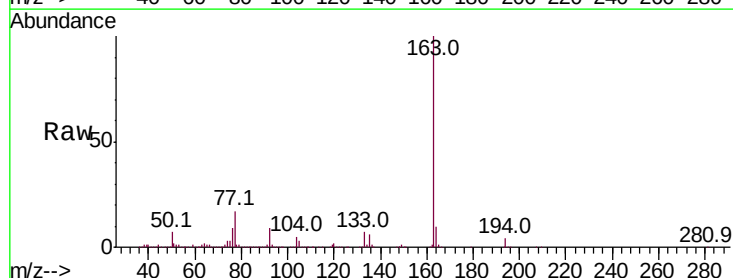
Tgt Ion:163 Resp: 3108809

Ion Ratio Lower Upper

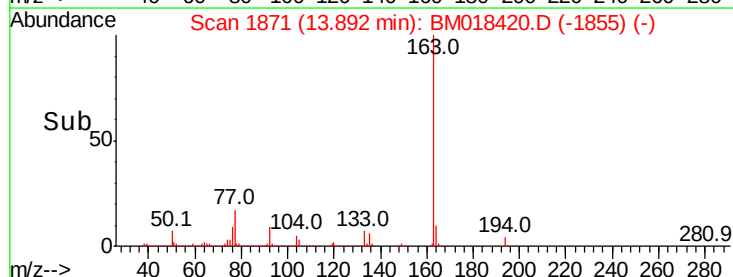
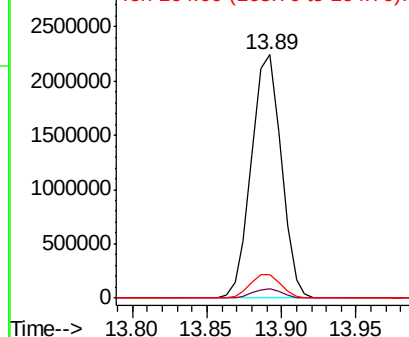
163 100

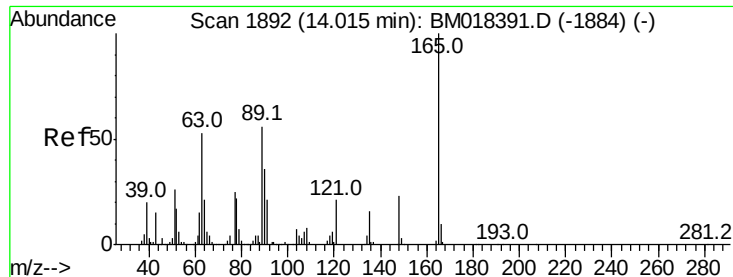
194 4.0 3.0 4.6

164 9.9 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

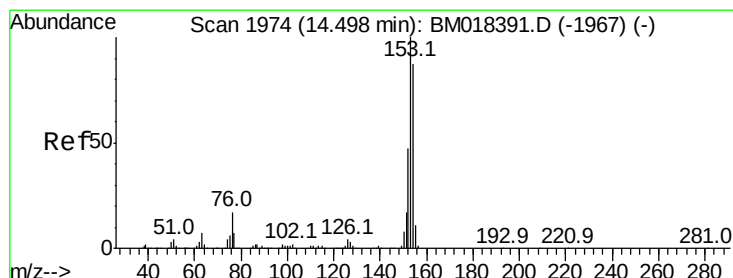
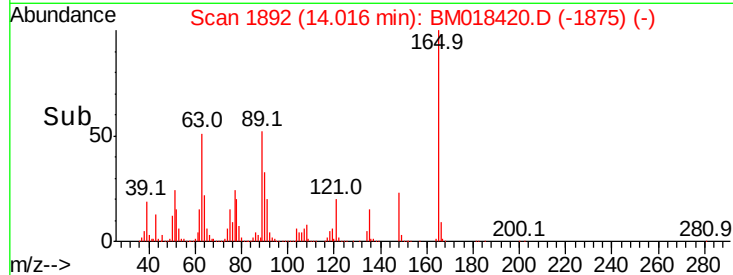
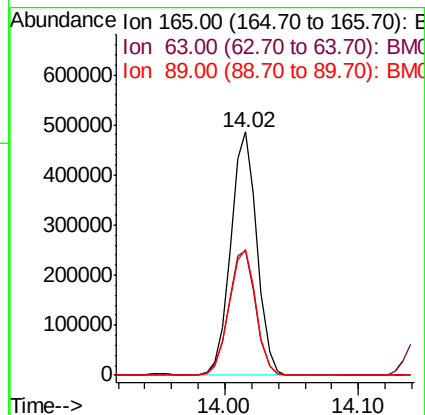
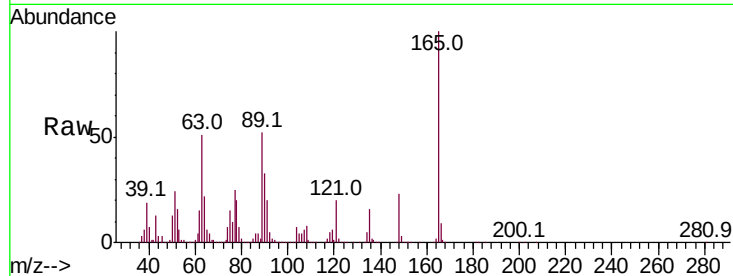




#51
2,6-Dinitrotoluene
Concen: 27.175 ng
RT: 14.02 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

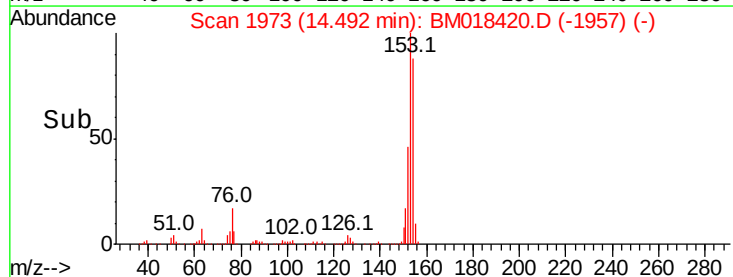
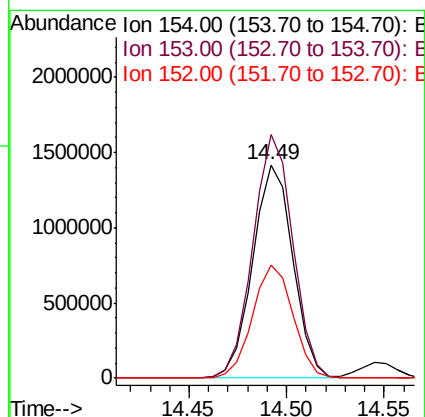
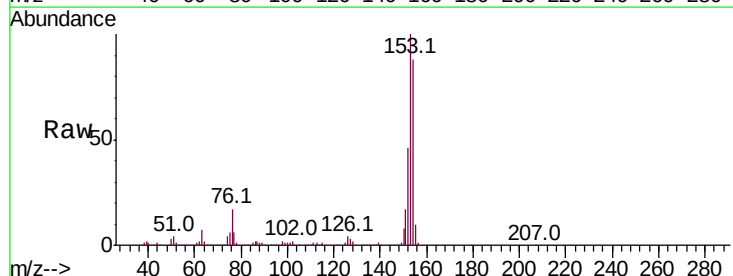
Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

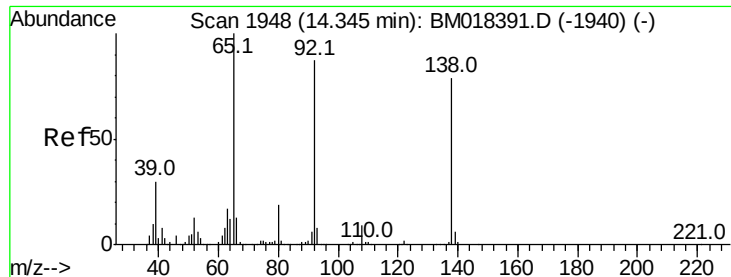
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.3	45.6	68.4
89	51.7	44.6	66.8



#52
Acenaphthene
Concen: 23.867 ng
RT: 14.49 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	92.3	138.5
152	53.1	43.8	65.6

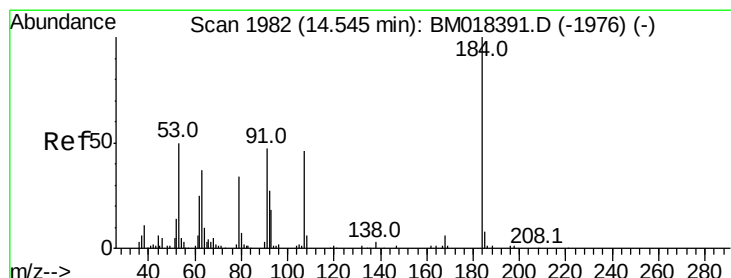
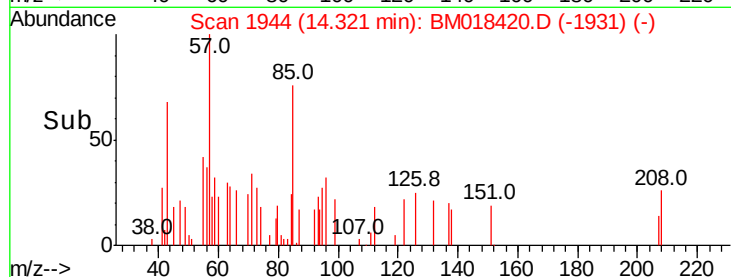
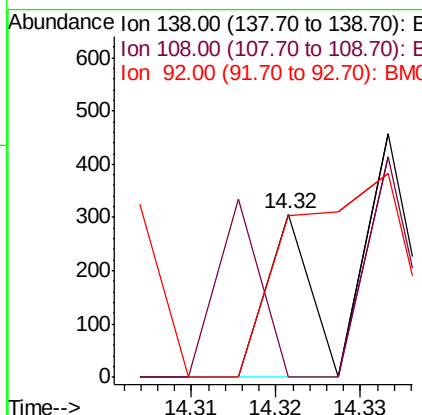
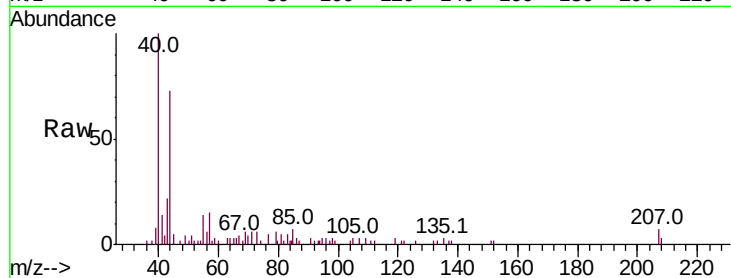




#53
3-Nitroaniline
Concen: 0.004 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.02 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

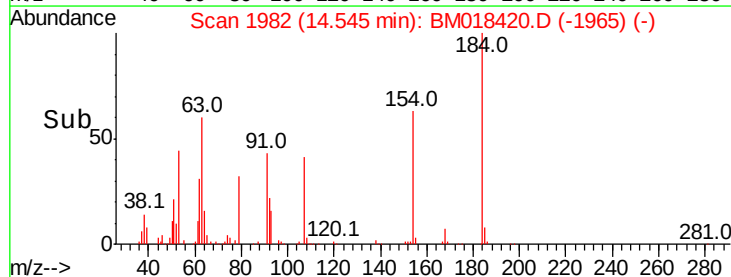
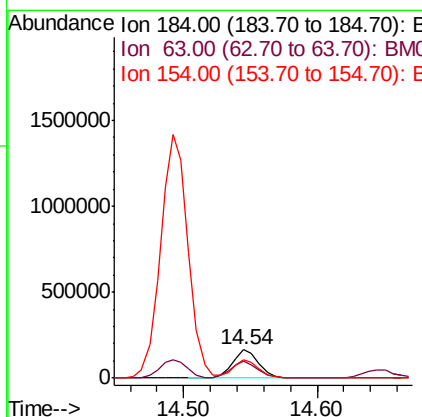
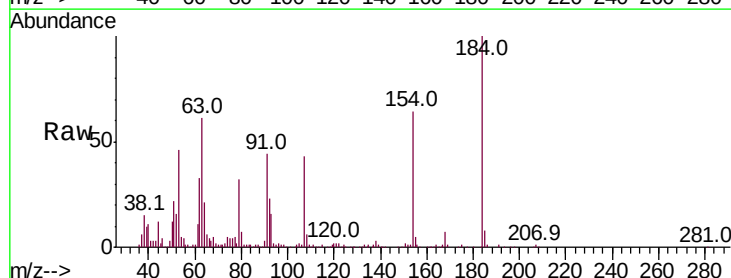
Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

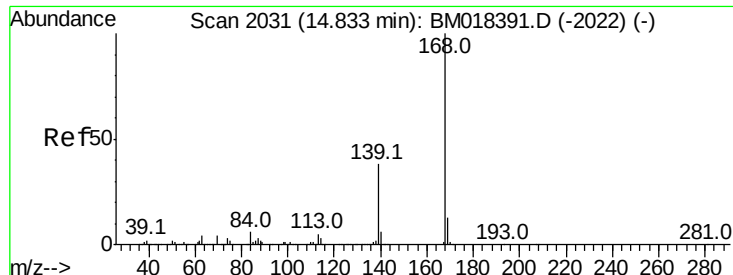
Tot Ion:138 Resp: 108
Ion Ratio Lower Upper
138 100
108 0.0 9.1 13.7#
92 99.0 88.2 132.2



#54
2,4-Dinitrophenol
Concen: 37.851 ng
RT: 14.54 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Tgt Ion:184 Resp: 229555
Ion Ratio Lower Upper
184 100
63 61.1 55.9 83.9
154 64.2 54.2 81.4

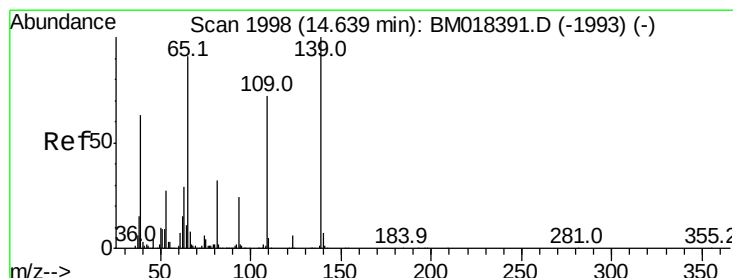
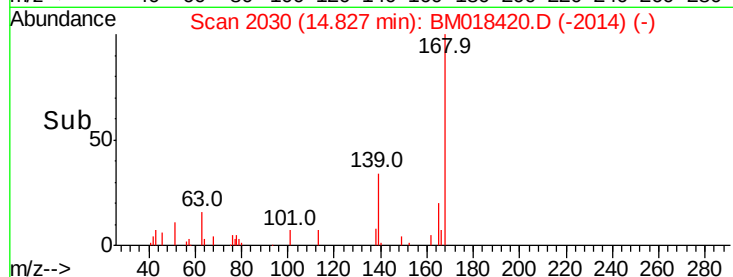
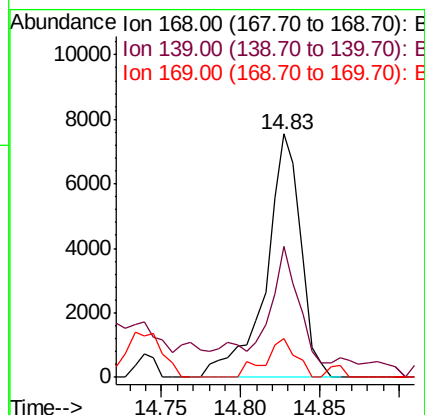
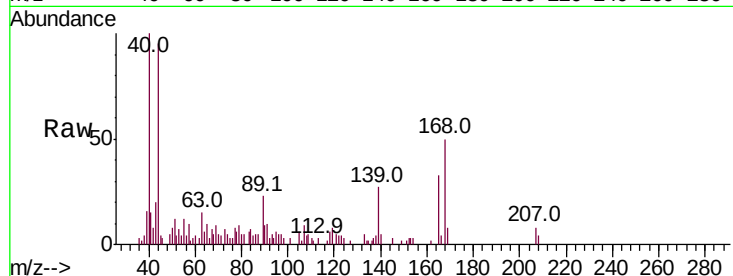




#55
Dibenzofuran
Concen: 0.083 ng
RT: 14.83 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

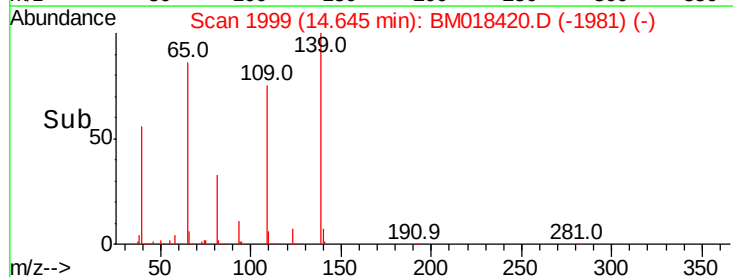
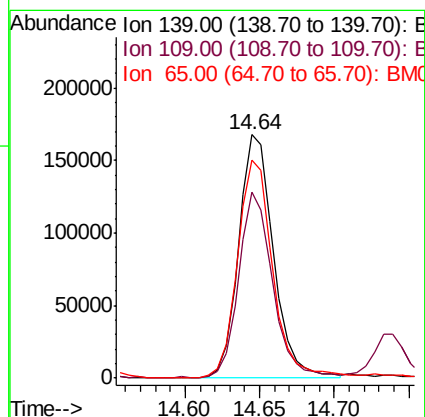
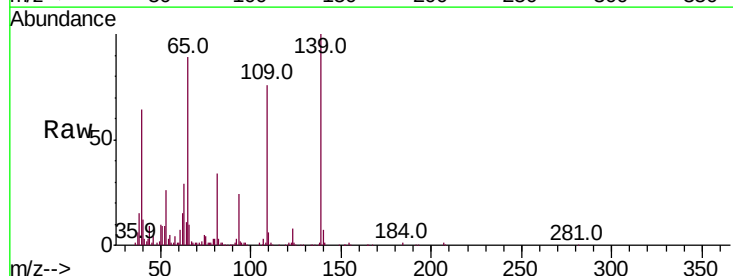
Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

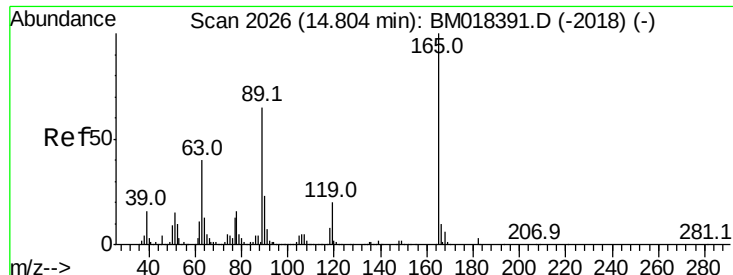
Tot Ion	Ratio	Lower	Upper
168	100		
139	53.9	30.3	45.5#
169	16.2	10.6	16.0#



#56
4-Nitrophenol
Concen: 16.419 ng
RT: 14.64 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.2	51.7	91.7
65	89.4	71.4	111.4

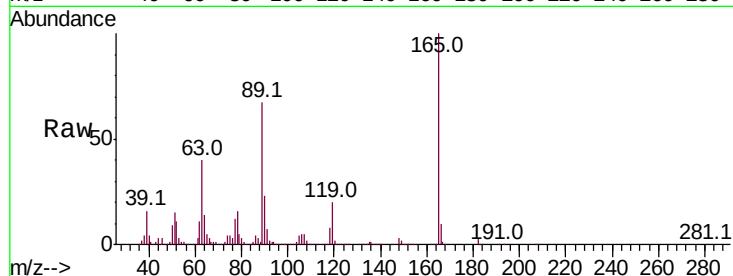




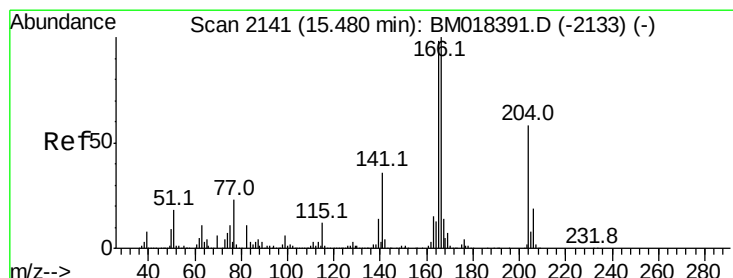
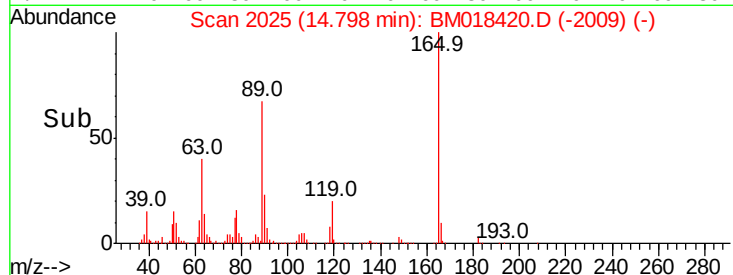
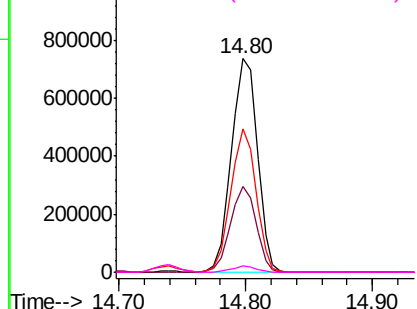
#57
 2,4-Dinitrotoluene
 Concen: 31.438 ng
 RT: 14.80 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BM018420.D
 Acq: 28 Dec 2018 06:03

Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MSD

Tot Ion:165 Resp: 1040779
 Ion Ratio Lower Upper
 165 100
 63 40.4 32.2 48.2
 89 67.0 52.1 78.1
 182 2.8 2.5 3.7

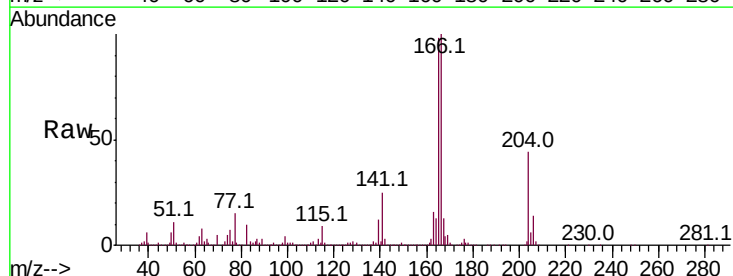


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

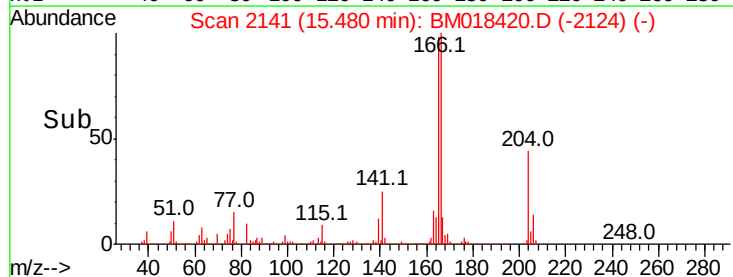
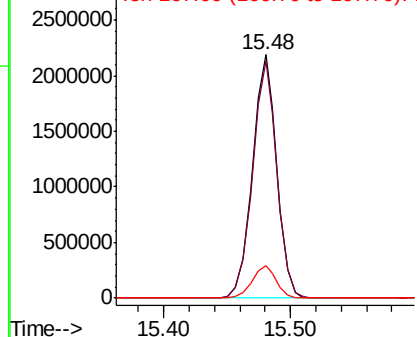


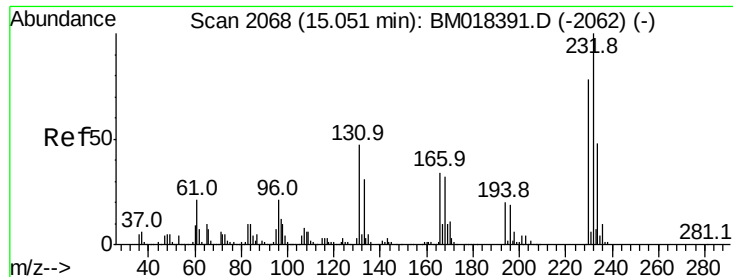
#58
 Fluorene
 Concen: 26.862 ng
 RT: 15.48 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BM018420.D
 Acq: 28 Dec 2018 06:03

Tgt Ion:166 Resp: 2905029
 Ion Ratio Lower Upper
 166 100
 165 97.5 78.3 117.5
 167 13.4 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

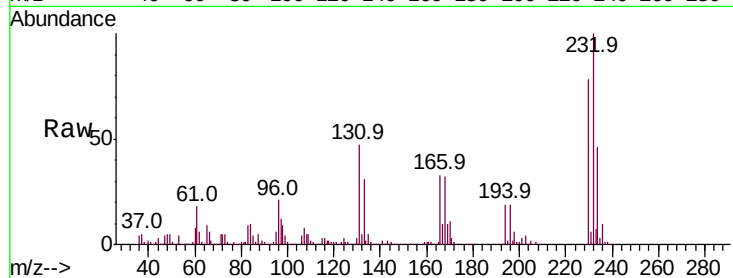




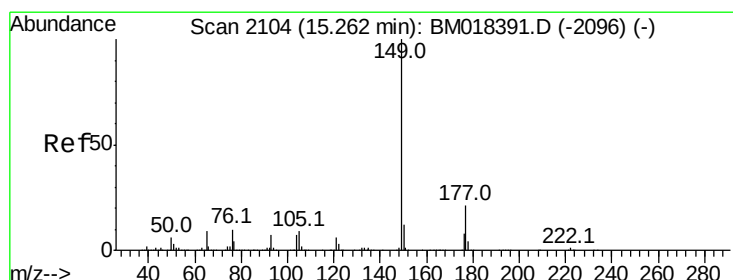
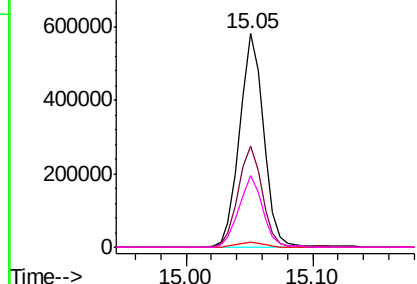
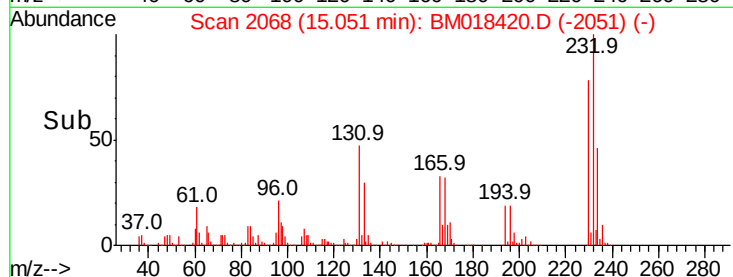
#59
2,3,4,6-Tetrachlorophenol
Concen: 30.647 ng
RT: 15.05 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

Tot Ion:232	Resp:	767500
Ion Ratio	Lower	Upper
232	100	
131	47.5	38.6 57.8
130	2.6	2.2 3.4
166	33.0	27.2 40.8

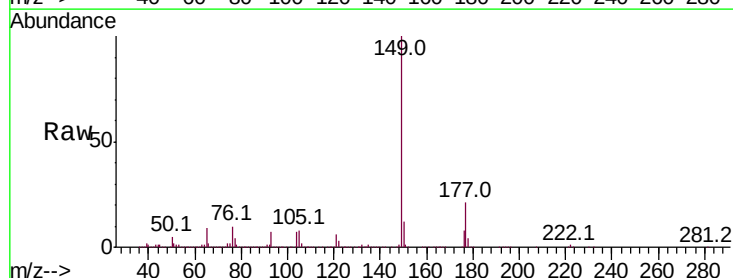


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

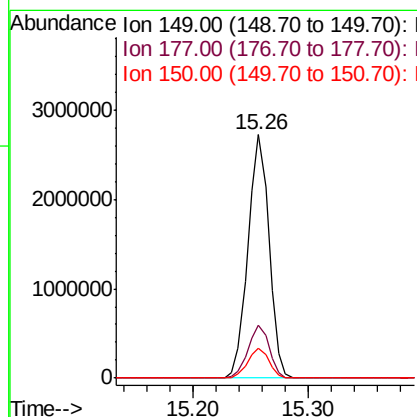
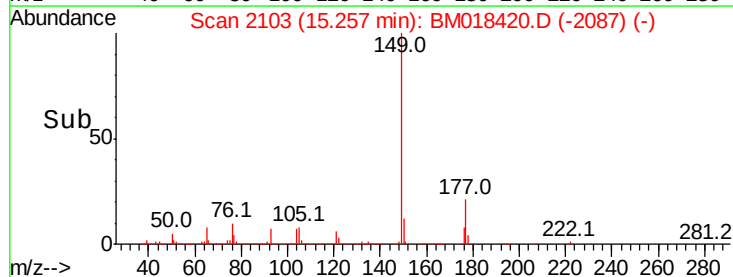


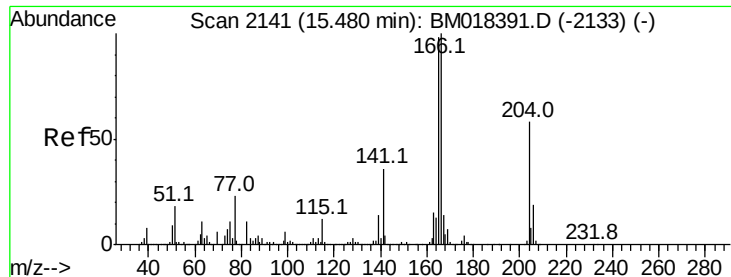
#60
Diethylphthalate
Concen: 28.280 ng
RT: 15.26 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Tgt Ion:149	Resp:	3448444
Ion Ratio	Lower	Upper
149	100	
177	21.5	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: 23.894 ng

RT: 15.47 min Scan# 2140

Delta R.T. -0.01 min

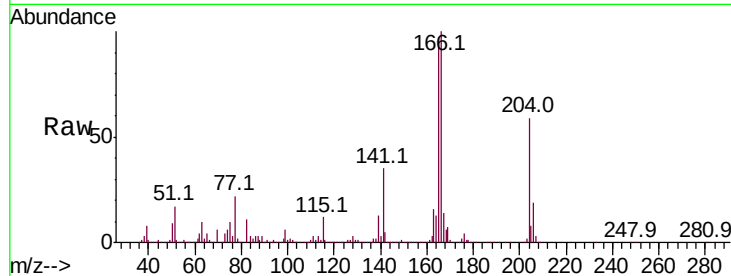
Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

Tot Ion:204 Resp: 1419703

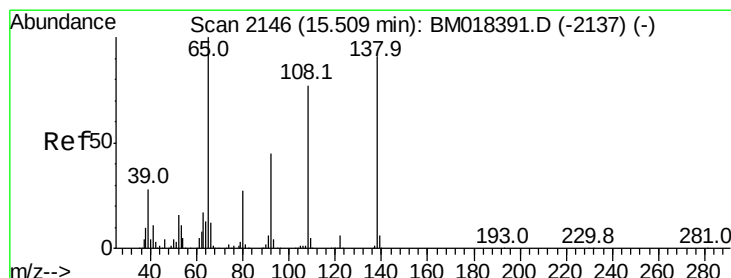
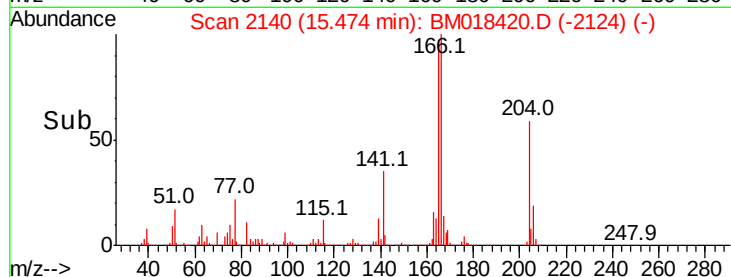
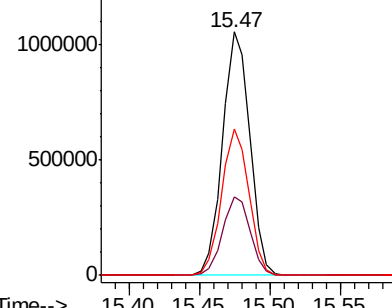
Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.6
141	60.1	49.5	74.3



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 1.475 ng

RT: 15.48 min Scan# 2141

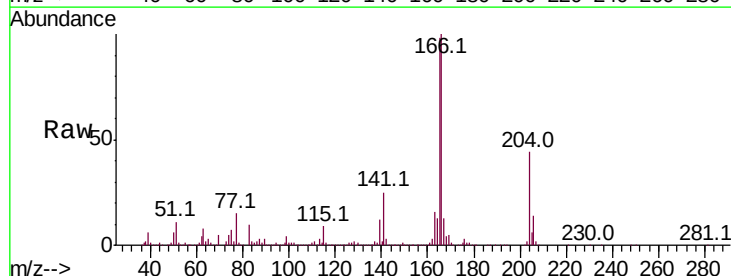
Delta R.T. -0.03 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Tgt Ion:138 Resp: 42709

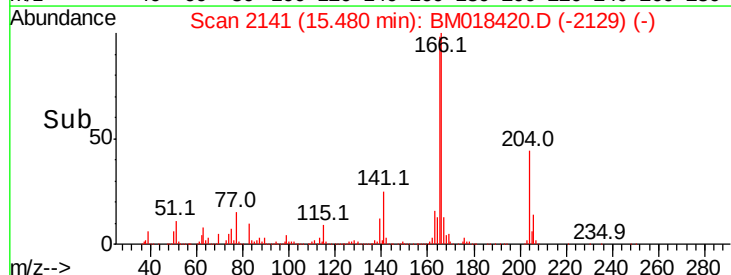
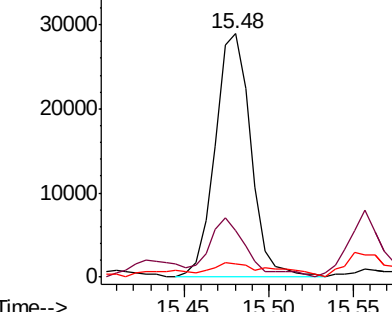
Ion	Ratio	Lower	Upper
138	100		
92	19.1	29.0	69.0#
108	5.3	63.9	103.9#

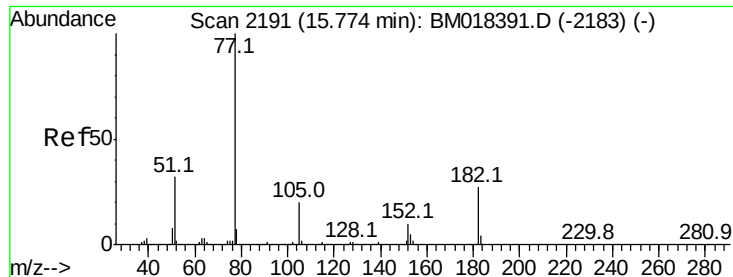


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 24.294 ng

RT: 15.77 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Instrument :

BNA_M

ClientSampleId :

381211744-2MSD

Tot Ion: 77 Resp: 2699979

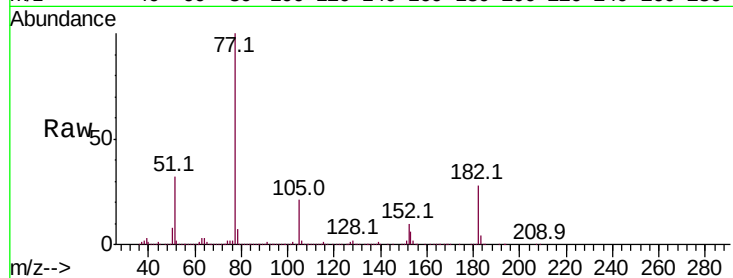
Ion Ratio Lower Upper

77 100

182 27.9 7.4 47.4

105 20.8 0.0 39.6

51 32.3 12.0 52.0



Abundance Ion 77.00 (76.70 to 77.70): BM018391.D (-2183) (-)

3000000 Ion 182.00 (181.70 to 182.70): BM018391.D (-2183) (-)

2500000 Ion 105.00 (104.70 to 105.70): BM018391.D (-2183) (-)

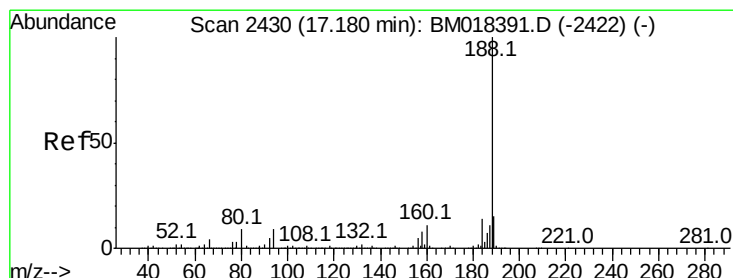
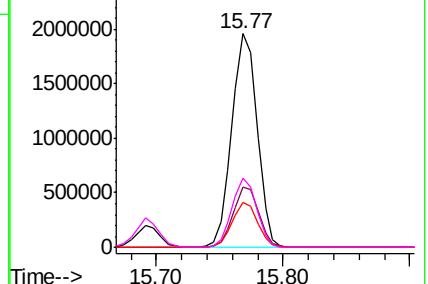
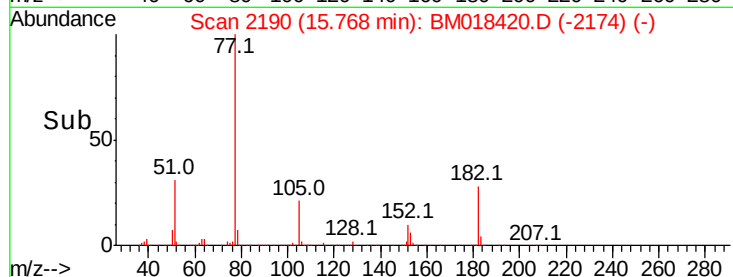
2000000 Ion 51.00 (50.70 to 51.70): BM018391.D (-2183) (-)

1500000

1000000

500000

0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.18 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

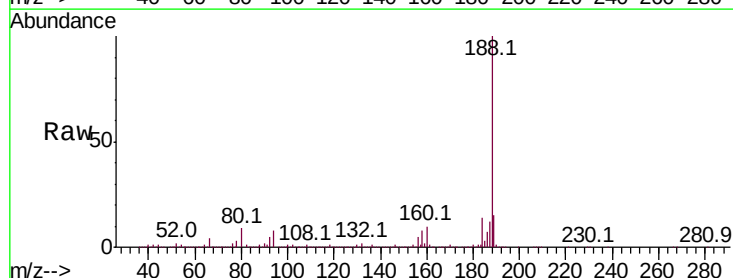
Tgt Ion: 188 Resp: 3185701

Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

80 8.9 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): BM018391.D (-2422) (-)

3000000 Ion 94.00 (93.70 to 94.70): BM018391.D (-2422) (-)

2500000 Ion 80.00 (79.70 to 80.70): BM018391.D (-2422) (-)

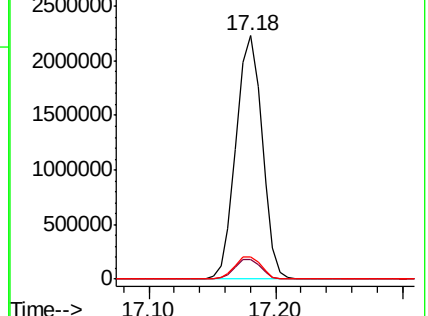
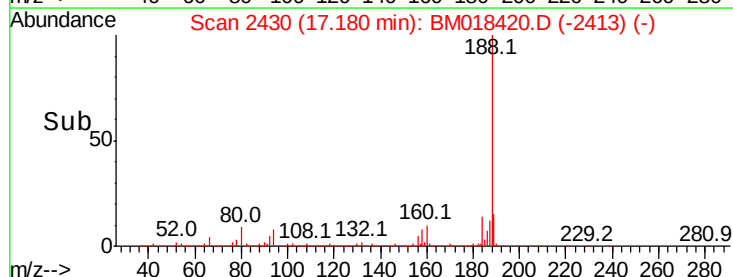
2000000

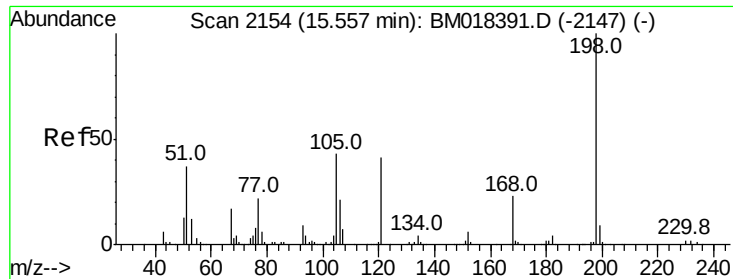
1500000

1000000

500000

0

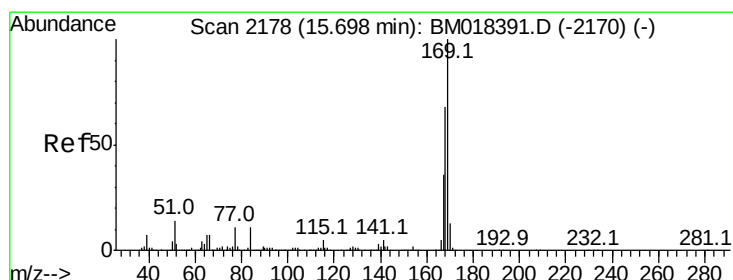
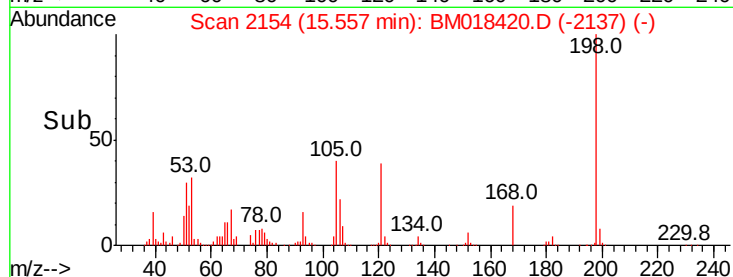
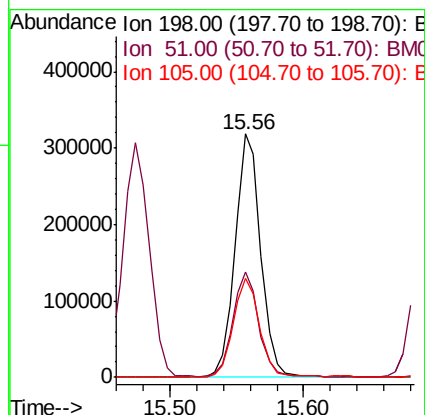
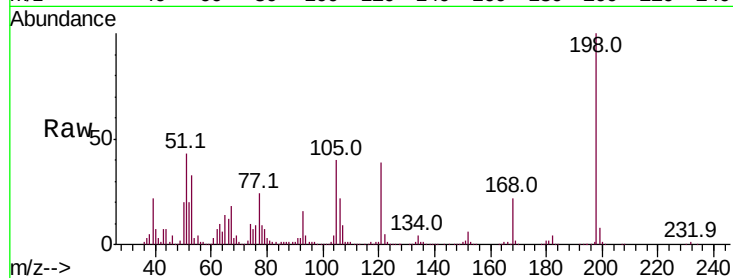




#65
4,6-Dinitro-2-methylphenol
Concen: 35.616 ng
RT: 15.56 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

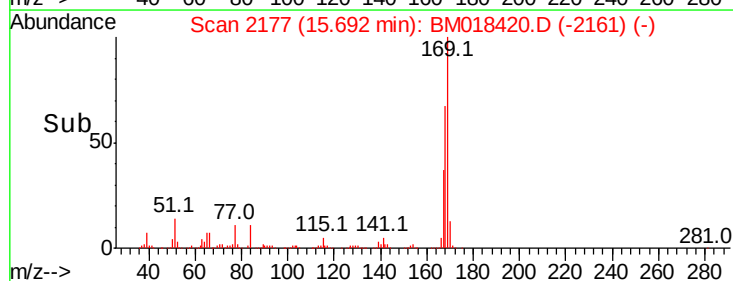
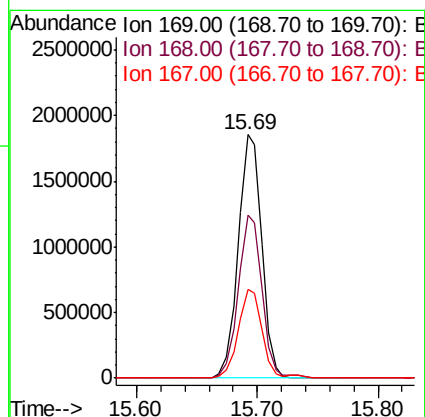
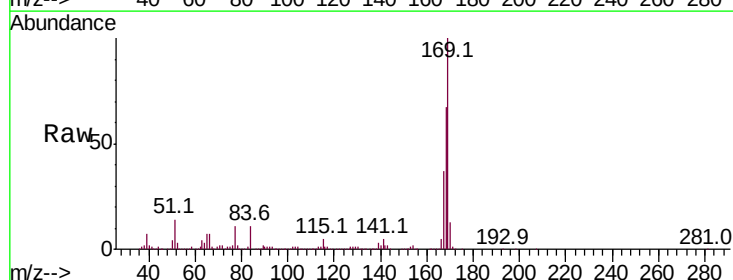
Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

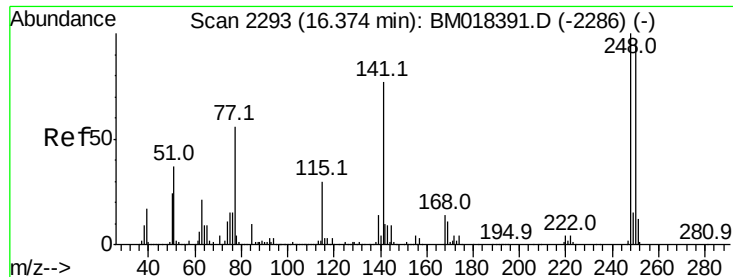
Tot Ion:198 Resp: 426140
Ion Ratio Lower Upper
198 100
51 43.1 29.6 69.6
105 40.5 25.5 65.5



#66
n-Nitrosodiphenylamine
Concen: 25.238 ng
RT: 15.69 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Tgt Ion:169 Resp: 2505810
Ion Ratio Lower Upper
169 100
168 66.8 54.1 81.1
167 36.5 28.6 42.8

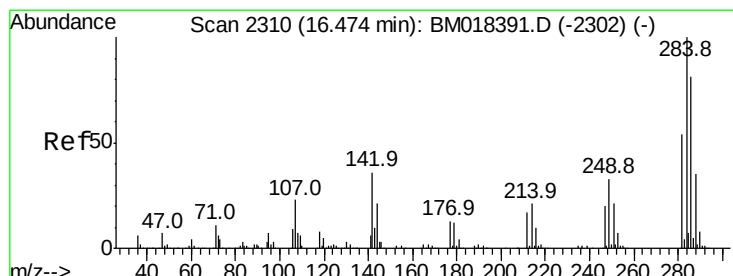
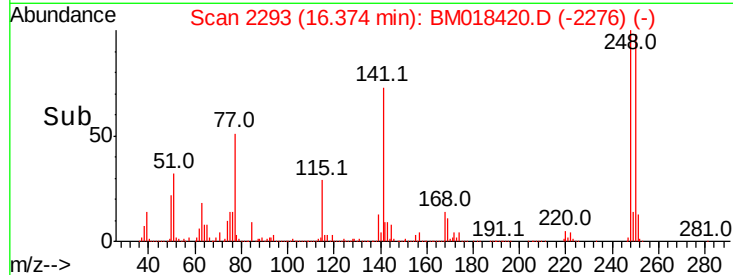
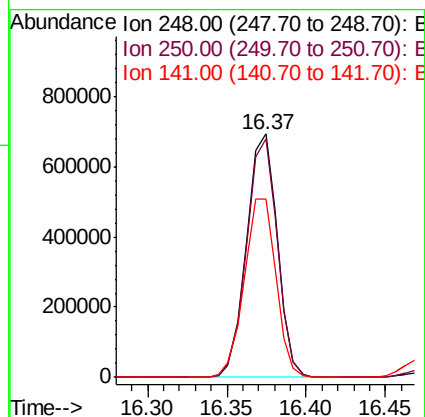
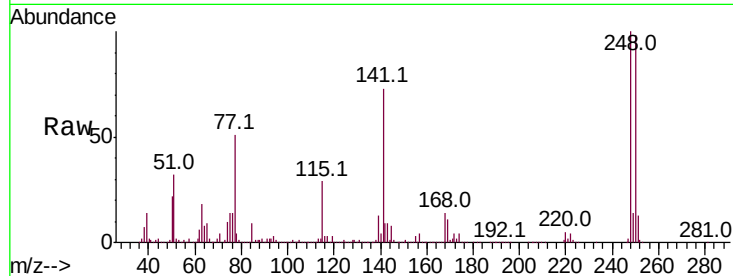




#67
 4-Bromophenyl-phenylether
 Concen: 27.029 ng
 RT: 16.37 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BM018420.D
 Acq: 28 Dec 2018 06:03

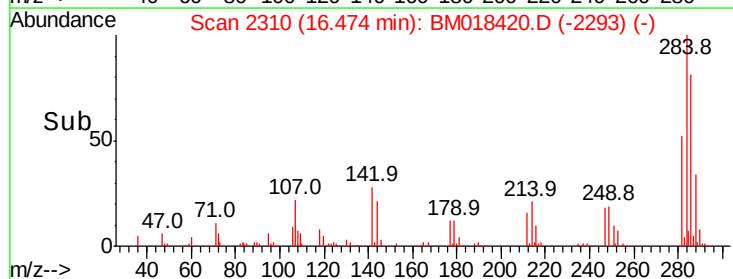
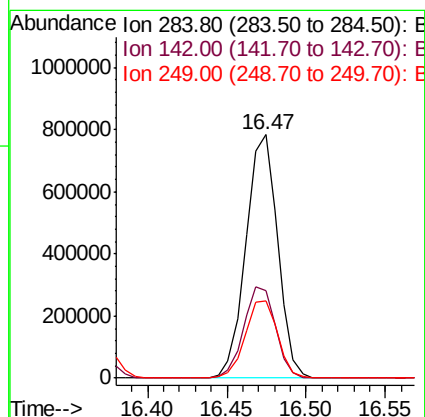
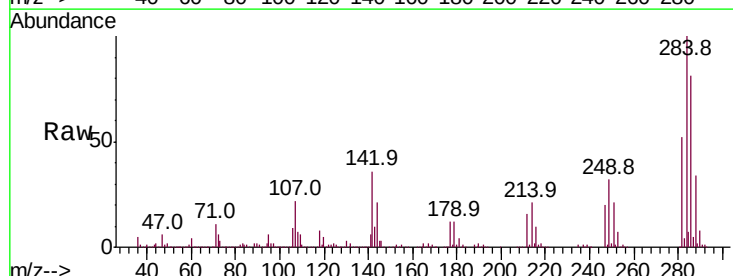
Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MSD

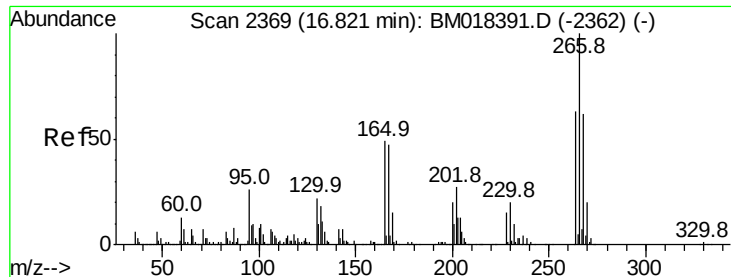
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.0	114.0
141	73.3	61.5	92.3



#68
 Hexachlorobenzene
 Concen: 27.743 ng
 RT: 16.47 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: BM018420.D
 Acq: 28 Dec 2018 06:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	29.2	43.8
249	31.7	26.1	39.1

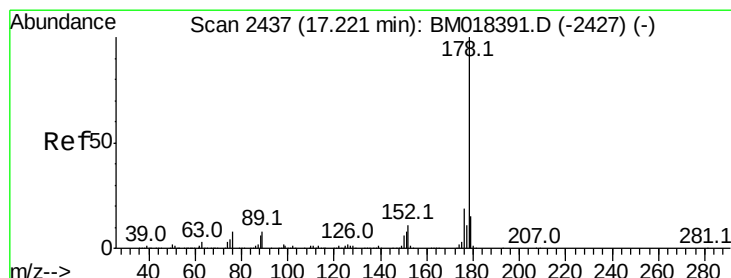
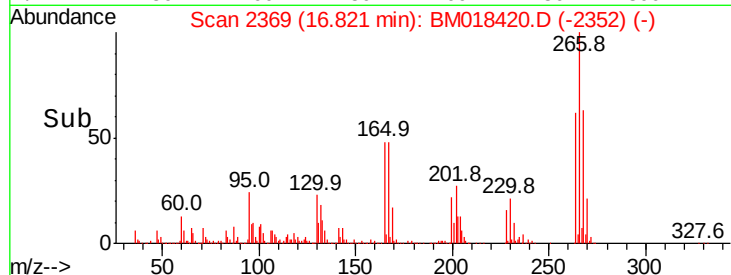
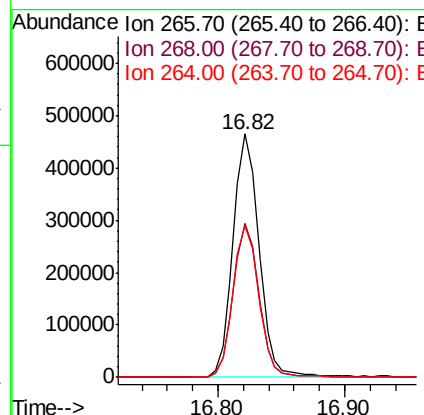
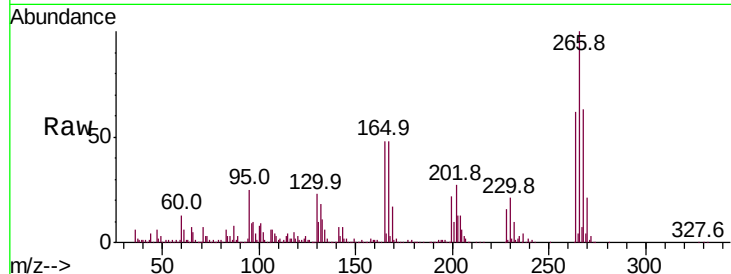




#70
 Pentachlorophenol
 Concen: 28.959 ng
 RT: 16.82 min Scan# 2369
 Delta R.T. 0.00 min
 Lab File: BM018420.D
 Acq: 28 Dec 2018 06:03

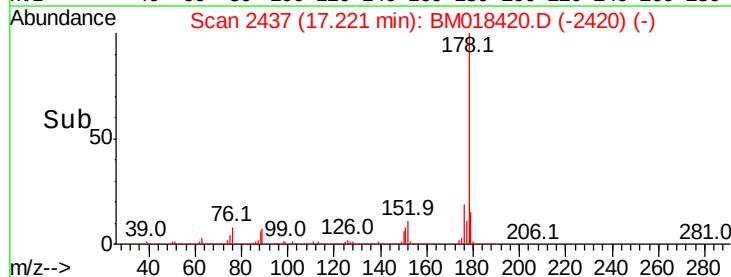
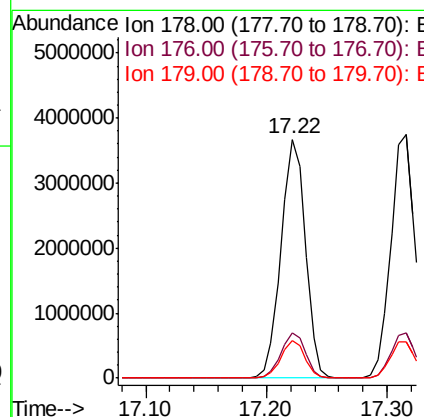
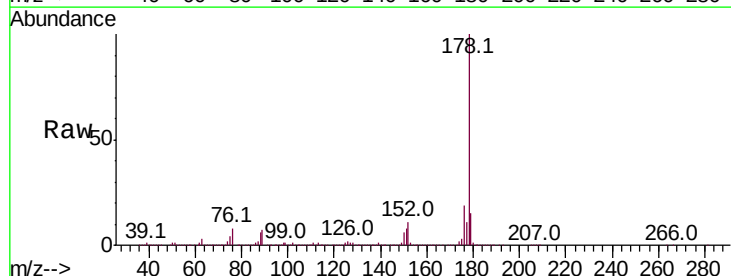
Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MSD

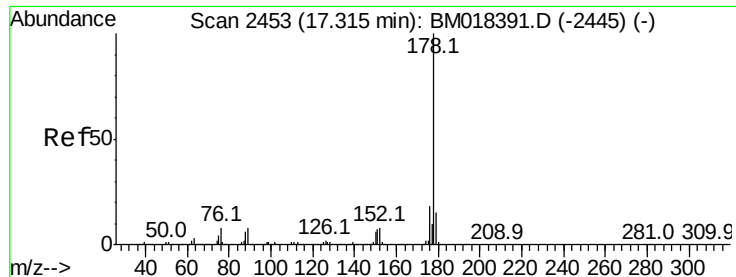
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	49.8	74.6
264	62.1	50.1	75.1



#71
 Phenanthrene
 Concen: 30.252 ng
 RT: 17.22 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BM018420.D
 Acq: 28 Dec 2018 06:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.5	12.2	18.4

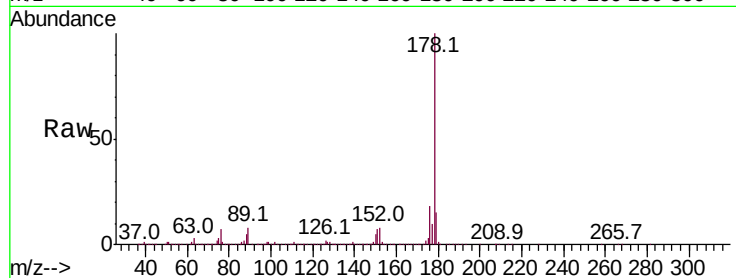




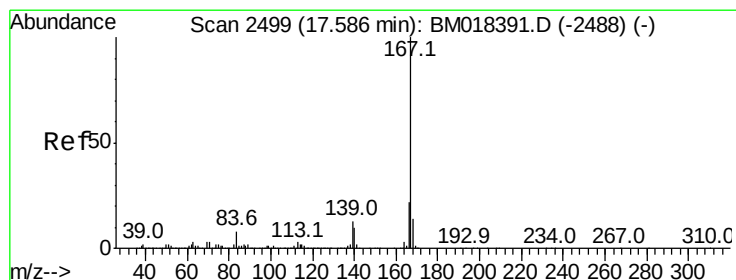
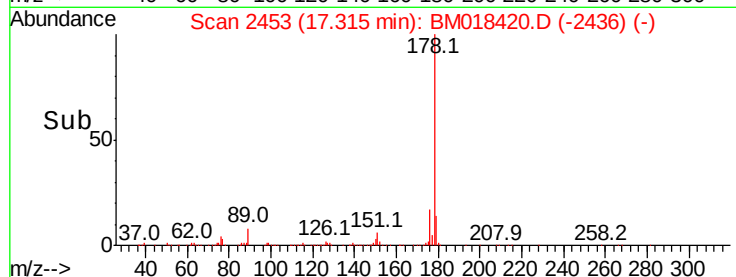
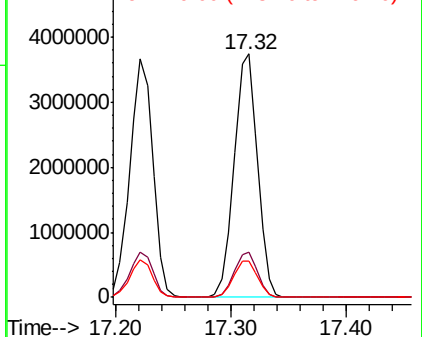
#72
 Anthracene
 Concen: 31.142 ng
 RT: 17.32 min Scan# 2453
 Delta R.T. 0.00 min
 Lab File: BM018420.D
 Acq: 28 Dec 2018 06:03

Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MSD

Tot Ion:178 Resp: 5231611
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.7 22.1
 179 15.1 12.2 18.4

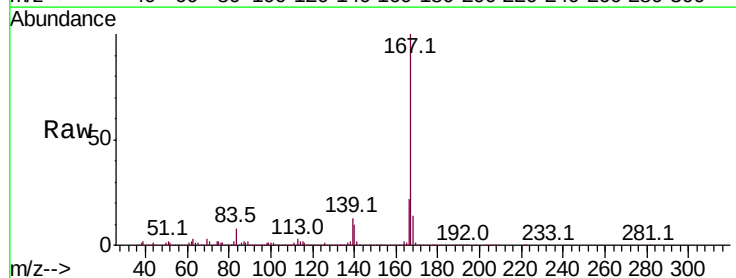


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

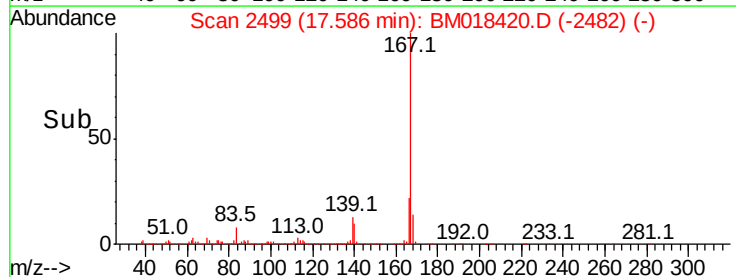
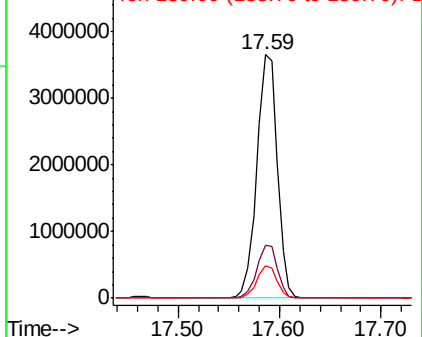


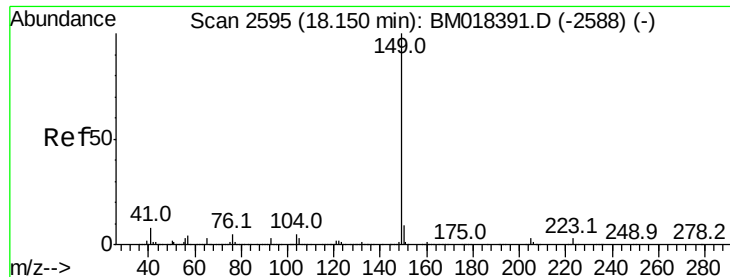
#73
 Carbazole
 Concen: 29.225 ng
 RT: 17.59 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BM018420.D
 Acq: 28 Dec 2018 06:03

Tgt Ion:167 Resp: 5156264
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.3 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

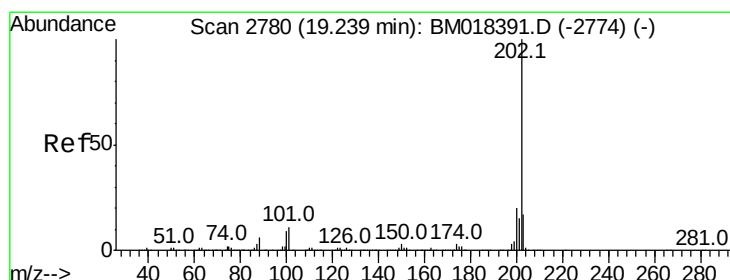
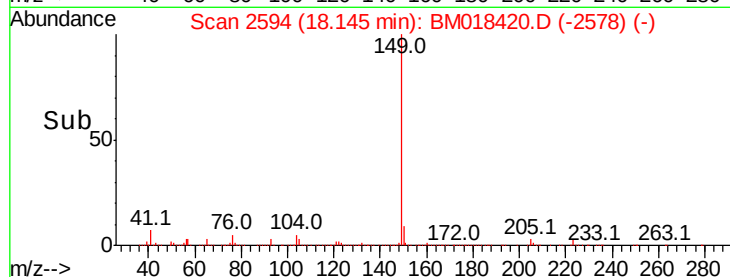
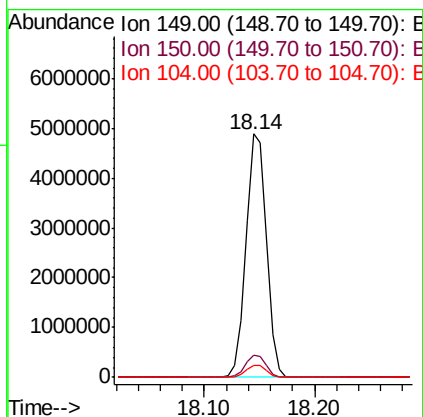
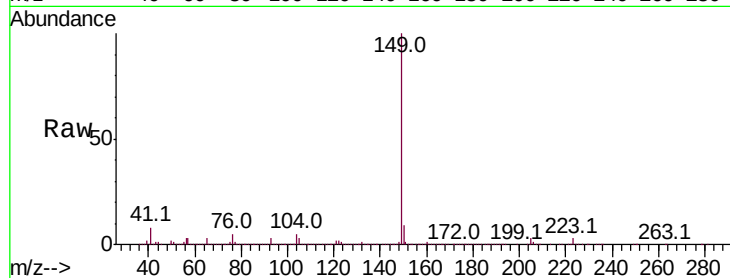




#74
Di-n-butylphthalate
Concen: 31.702 ng
RT: 18.14 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

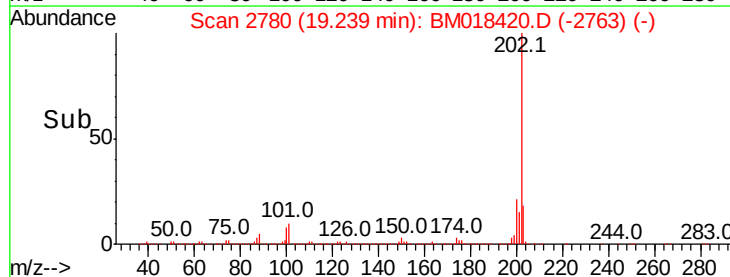
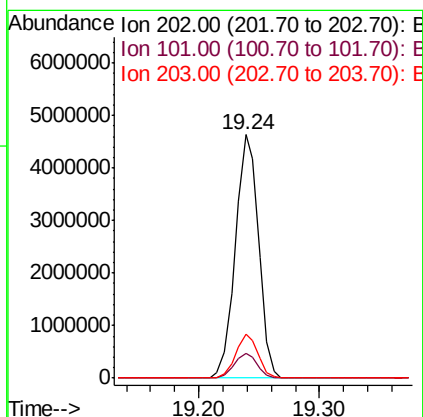
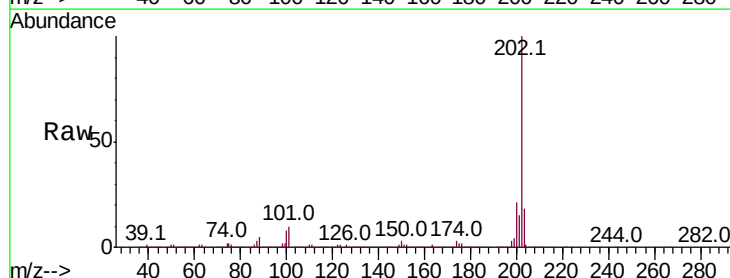
Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

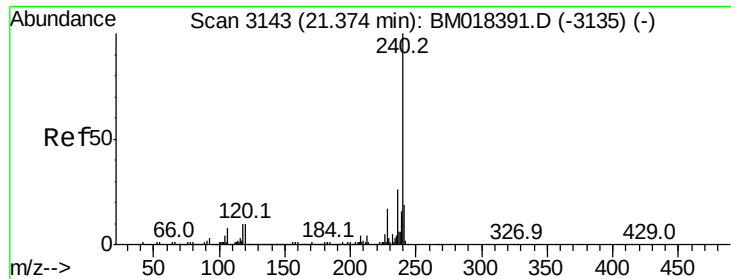
Tot Ion:149 Resp: 6357132
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 5.1 4.2 6.4



#75
Fluoranthene
Concen: 31.007 ng
RT: 19.24 min Scan# 2780
Delta R.T. 0.00 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Tgt Ion:202 Resp: 6192613
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.9
203 17.8 0.0 37.4

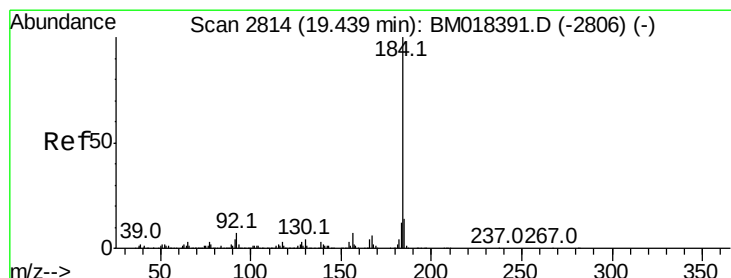
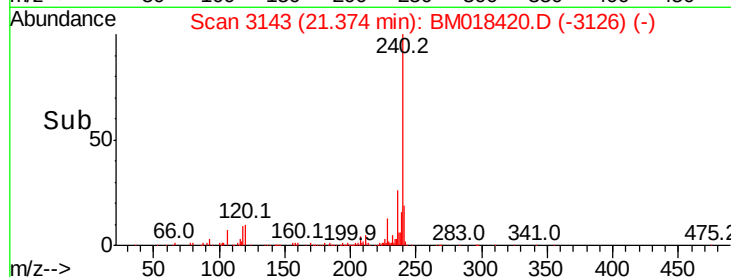
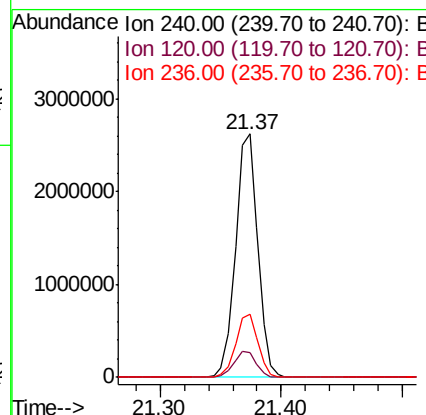
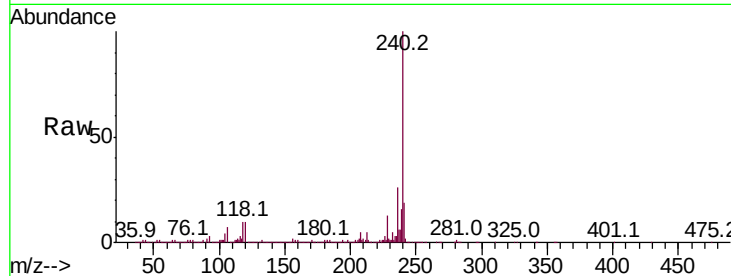




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

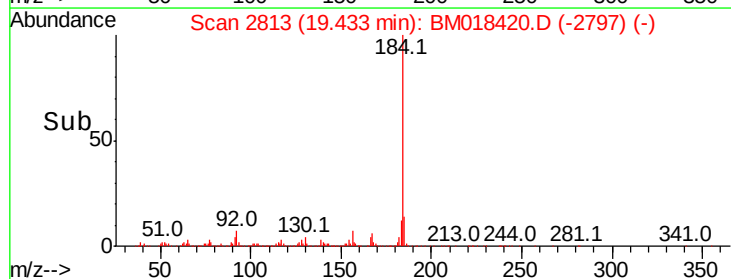
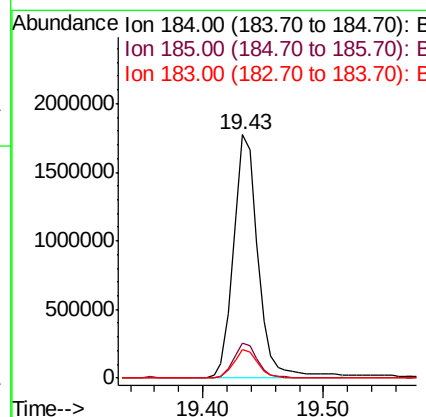
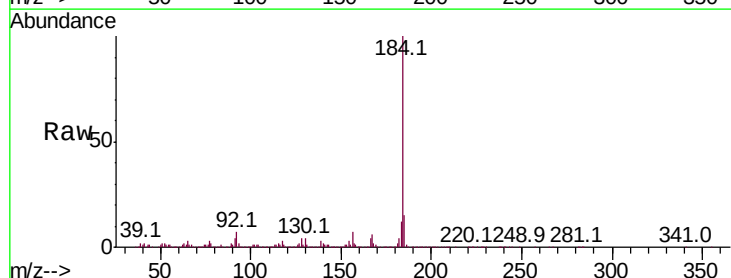
Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

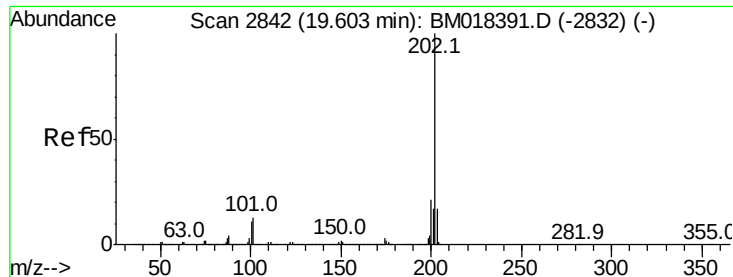
Tot Ion:240 Resp: 3348267
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 26.1 20.7 31.1



#77
Benzidine
Concen: 26.261 ng
RT: 19.43 min Scan# 2813
Delta R.T. -0.01 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Tgt Ion:184 Resp: 2513341
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.0
183 11.8 9.5 14.3





#78

Pvrene

Concen: 33.197 ng

RT: 19.60 min Scan# 2842

Delta R.T. 0.00 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Instrument :

BNA_M

ClientSampleId :

381211744-2MSD

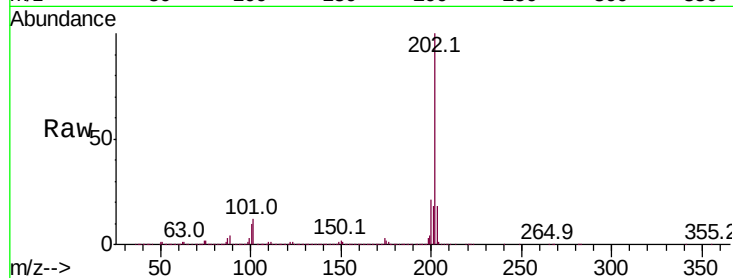
Tot Ion:202 Resp: 6451926

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	17.7	13.8	20.8

202 100

200 21.0 16.6 24.8

203 17.7 13.8 20.8

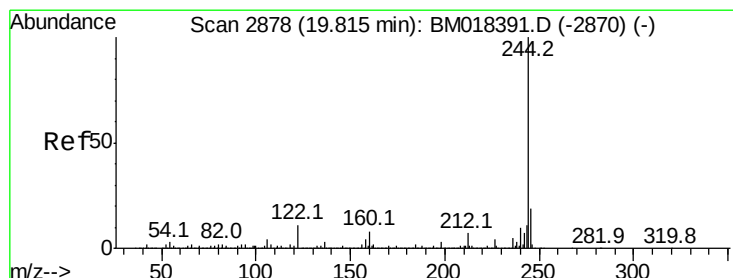
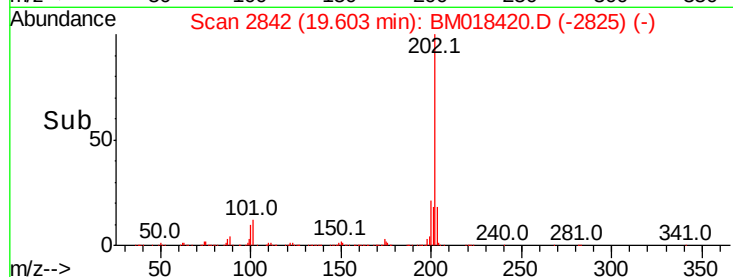
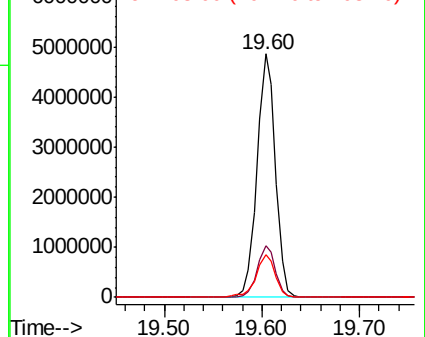


Abundance

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: 62.182 ng

RT: 19.81 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

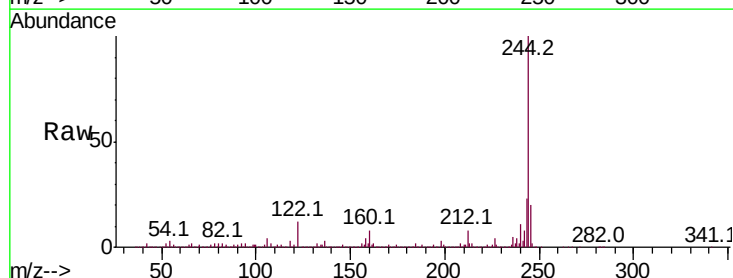
Tgt Ion:244 Resp: 9770702

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	11.6	9.0	13.4

244 100

212 7.9 5.9 8.9

122 11.6 9.0 13.4

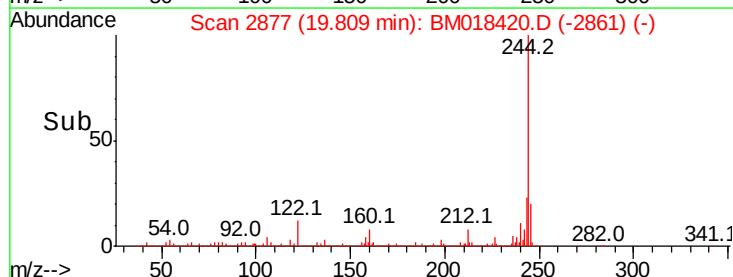
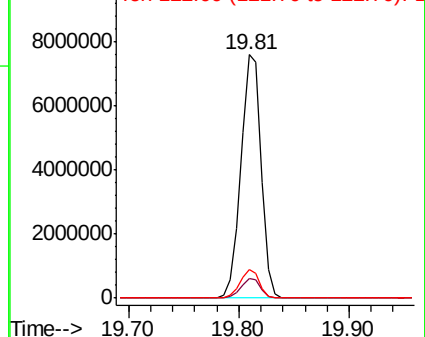


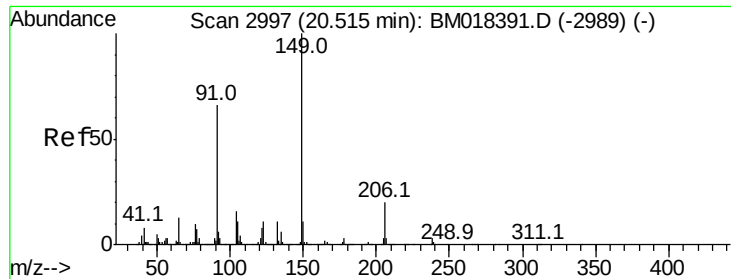
Abundance

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

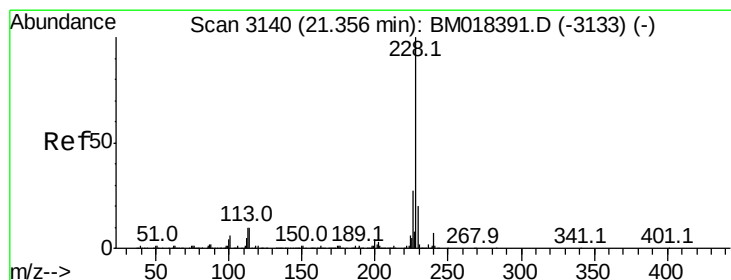
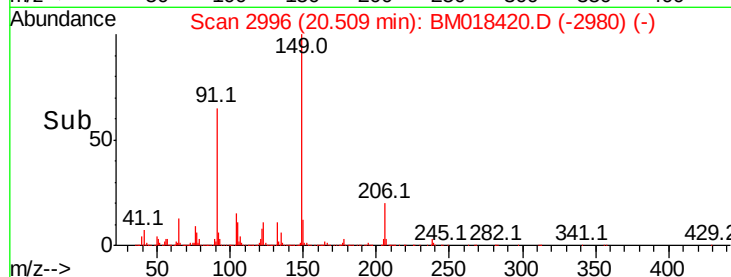
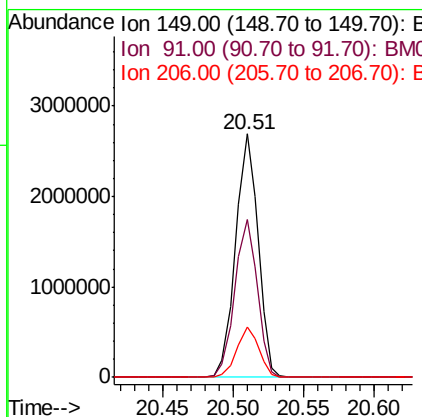
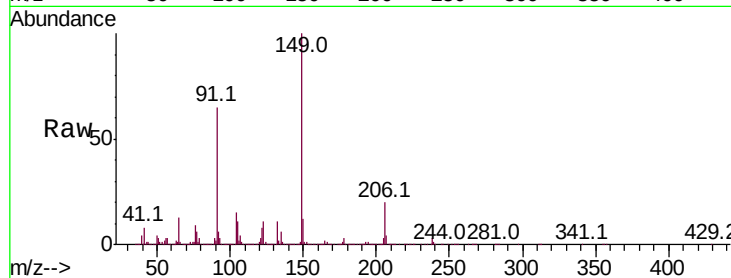




#80
Butylbenzylphthalate
Concen: 35.826 ng
RT: 20.51 min Scan# 2996
Delta R.T. -0.01 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

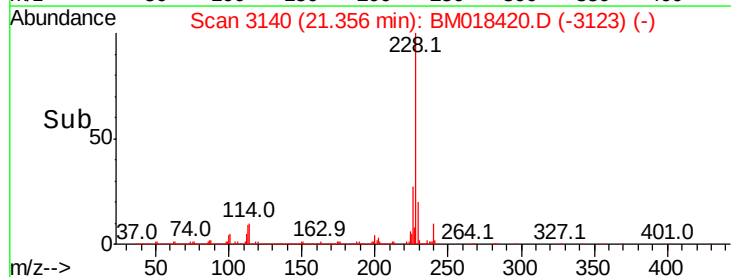
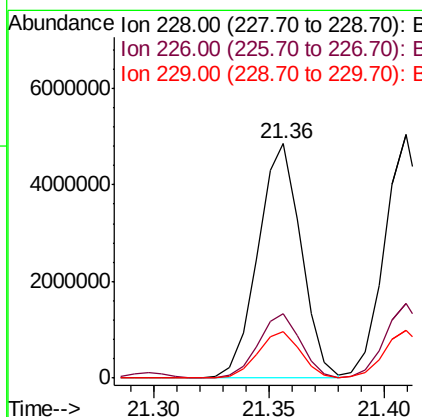
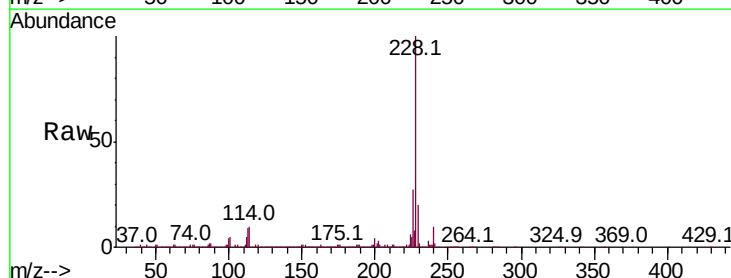
Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

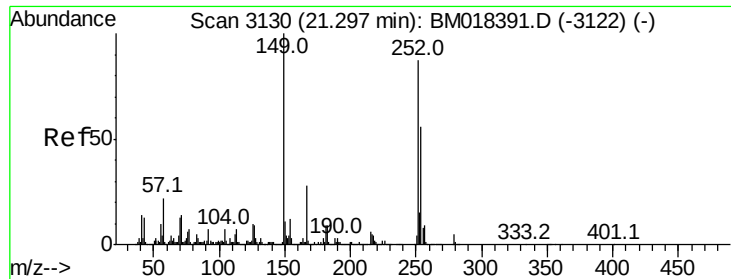
Tot Ion:149 Resp: 2985400
Ion Ratio Lower Upper
149 100
91 65.0 53.1 79.7
206 20.5 16.2 24.4



#81
Benzo(a)anthracene
Concen: 31.913 ng
RT: 21.36 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Tgt Ion:228 Resp: 6276034
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.6
229 20.0 15.8 23.8



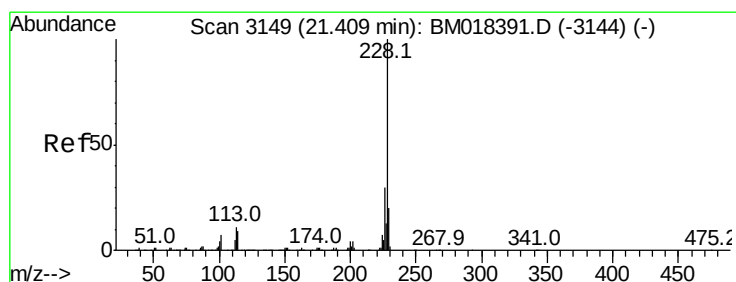
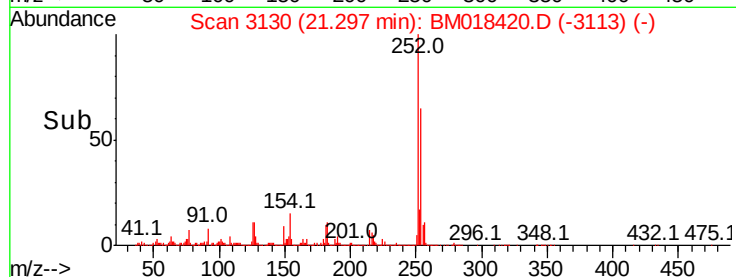
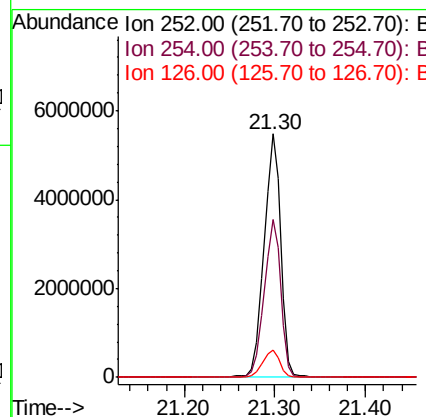
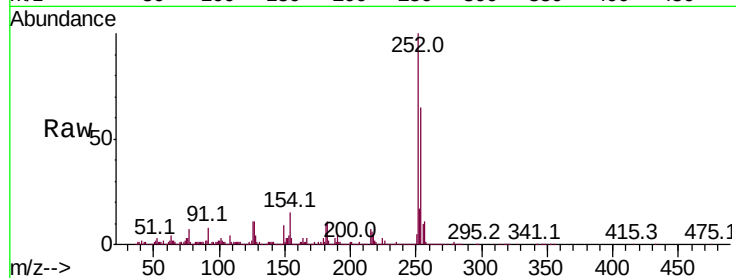


#82
 3,3'-Dichlorobenzidine
 Concen: 92.596 ng
 RT: 21.30 min Scan# 3130
 Delta R.T. 0.00 min
 Lab File: BM018420.D
 Acq: 28 Dec 2018 06:03

Instrument :
 BNA_M
 ClientSampleId :
 381211744-2MSD

Tot Ion:252 Resp: 6996013

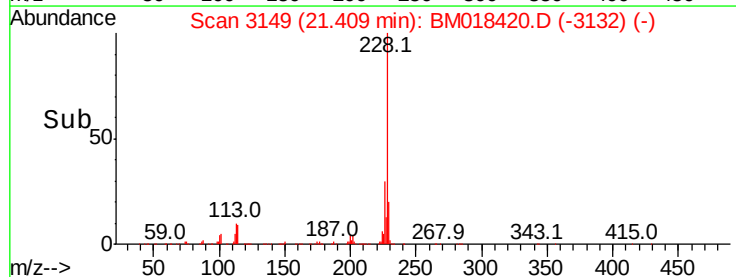
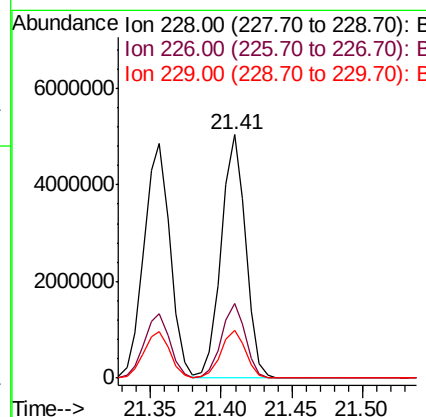
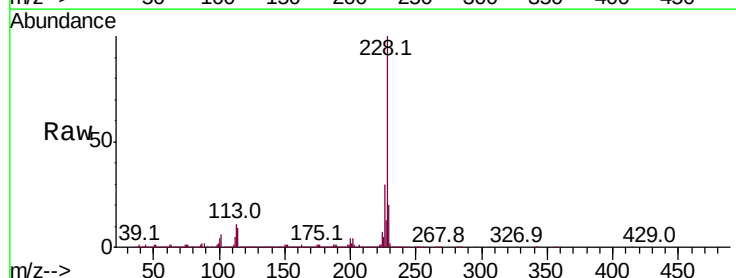
Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.4	77.0
126	11.4	8.7	13.1

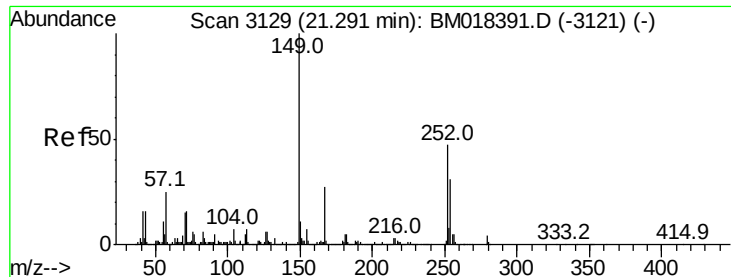


#83
 Chrysene
 Concen: 31.722 ng
 RT: 21.41 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: BM018420.D
 Acq: 28 Dec 2018 06:03

Tgt Ion:228 Resp: 6018599

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	19.8	15.6	23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 41.388 ng

RT: 21.28 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Instrument :

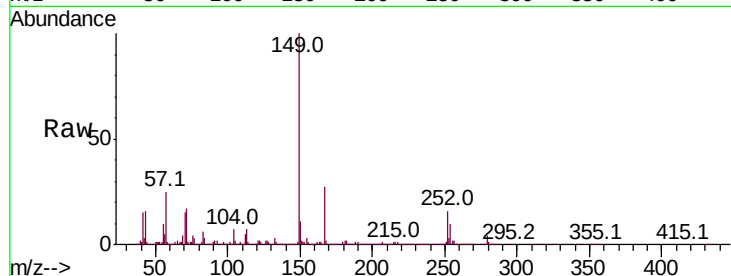
BNA_M

ClientSampleId :

381211744-2MSD

Tot Ion:149 Resp: 5422529

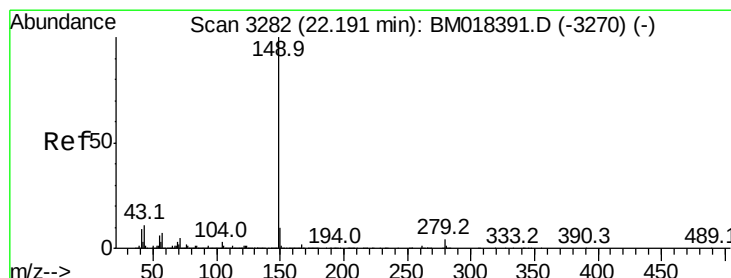
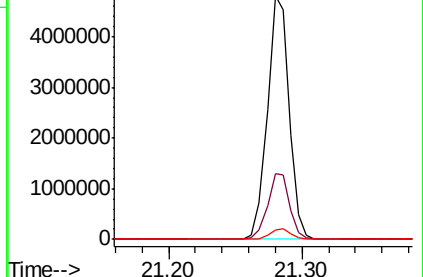
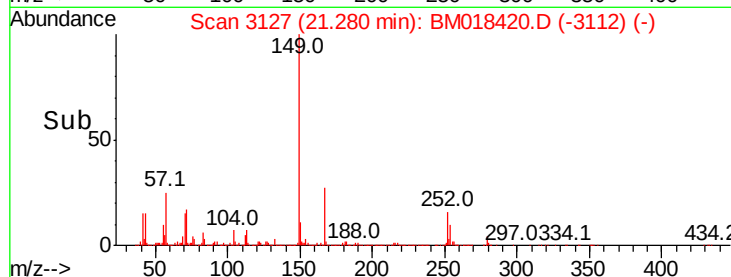
Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.6	32.4
279	3.7	3.3	4.9



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: 34.720 ng

RT: 22.18 min Scan# 3280

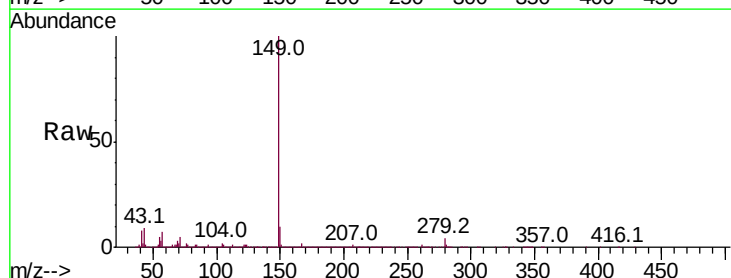
Delta R.T. -0.01 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Tgt Ion:149 Resp: 7519118

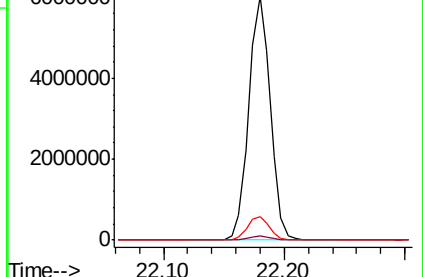
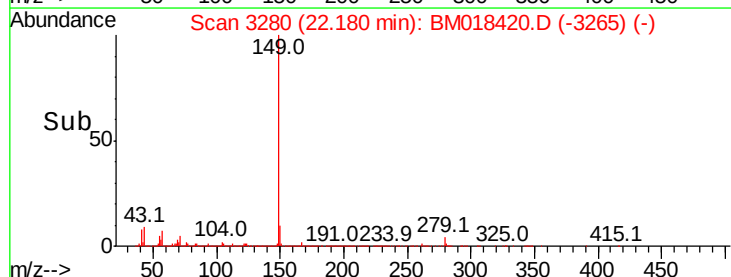
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.7	8.6	12.8

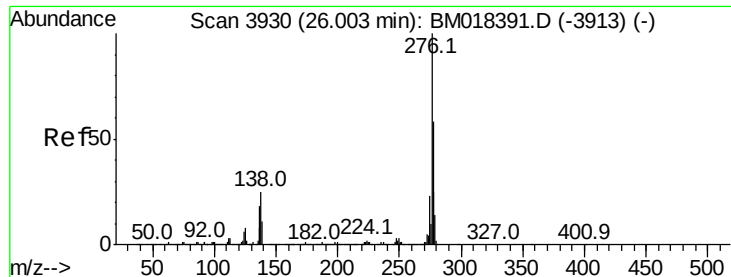


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

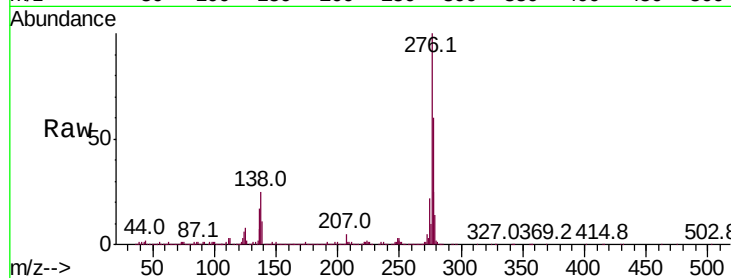




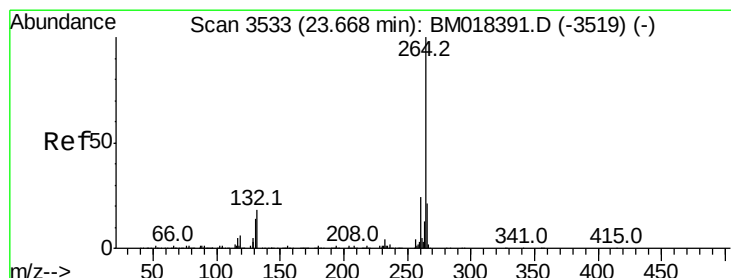
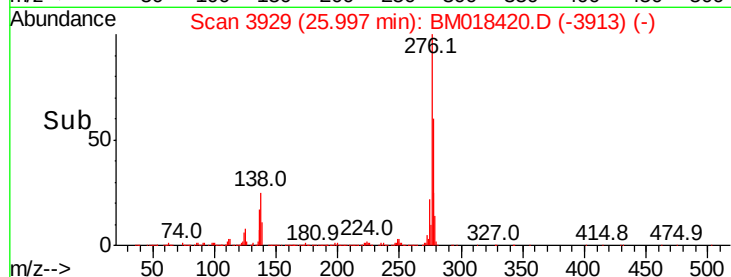
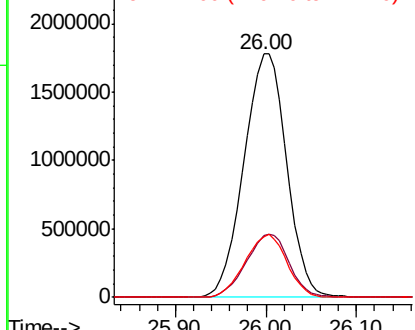
#86
Indeno(1,2,3-cd)pyrene
Concen: 24.826 ng
RT: 26.00 min Scan# 3929
Delta R.T. -0.01 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

Tot Ion:276 Resp: 5830390
Ion Ratio Lower Upper
276 100
138 26.1 21.5 32.3
277 25.4 20.2 30.2

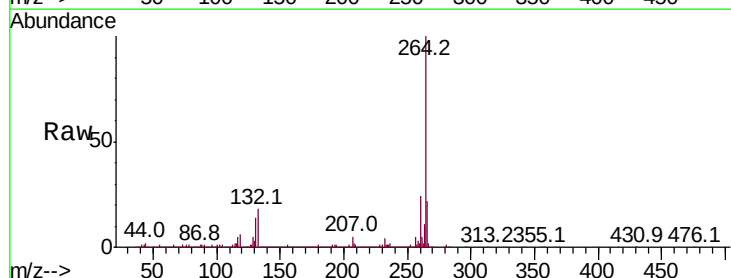


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

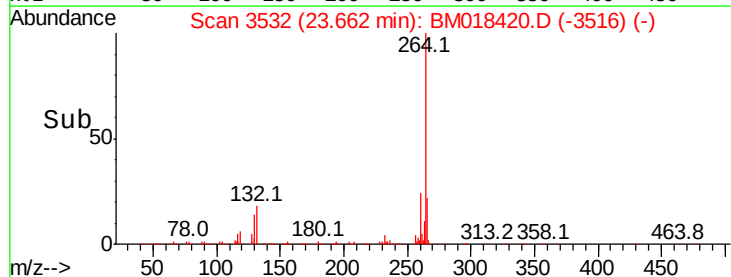
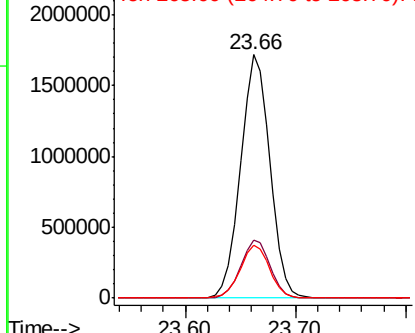


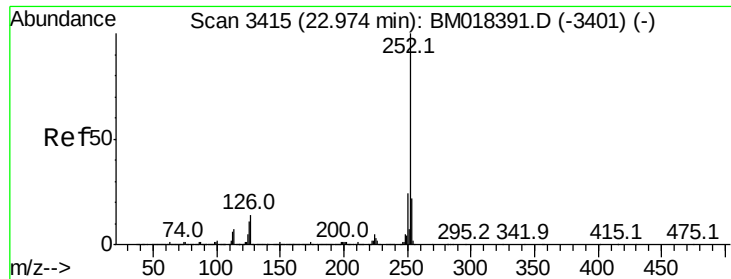
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM018420.D
Acq: 28 Dec 2018 06:03

Tgt Ion:264 Resp: 3221881
Ion Ratio Lower Upper
264 100
260 24.1 18.9 28.3
265 21.8 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 35.371 ng

RT: 22.97 min Scan# 3415

Delta R.T. 0.00 min

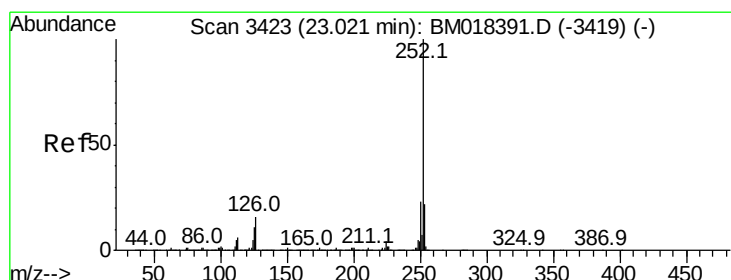
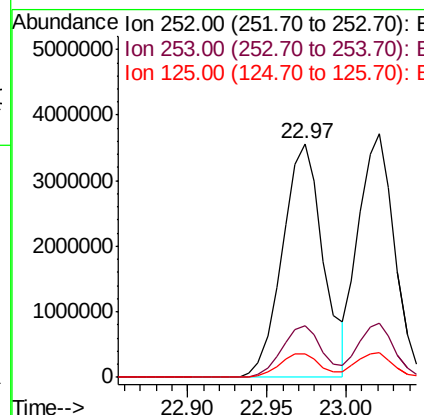
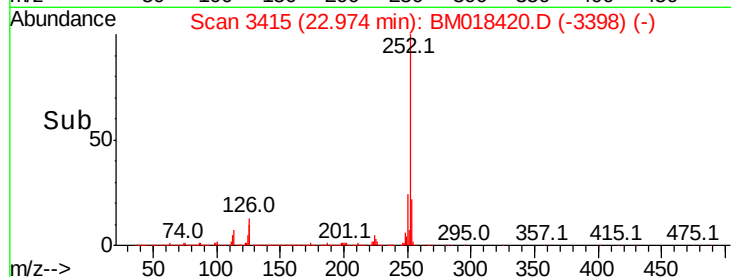
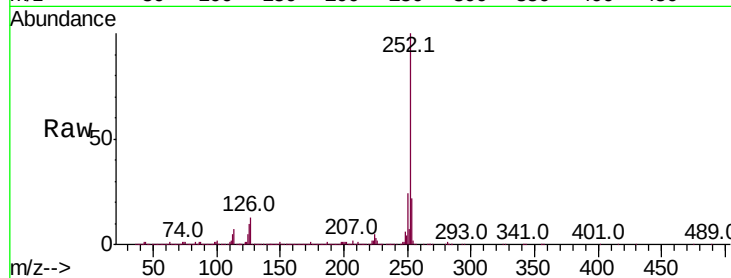
Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Instrument :
BNA_M
ClientSampleId :
381211744-2MSD

Tot Ion:252 Resp: 6356315

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.3	8.5	12.7



#89

Benzo(k)fluoranthene

Concen: 32.408 ng

RT: 23.02 min Scan# 3423

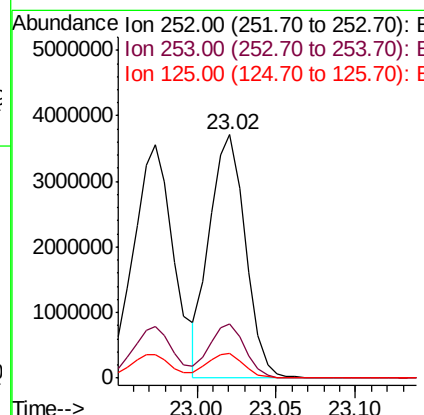
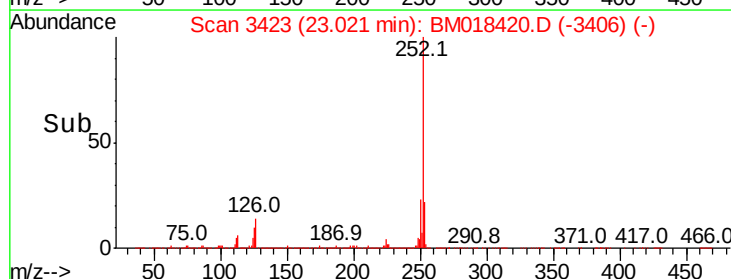
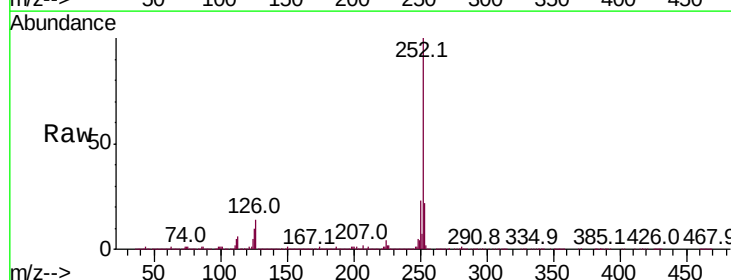
Delta R.T. 0.00 min

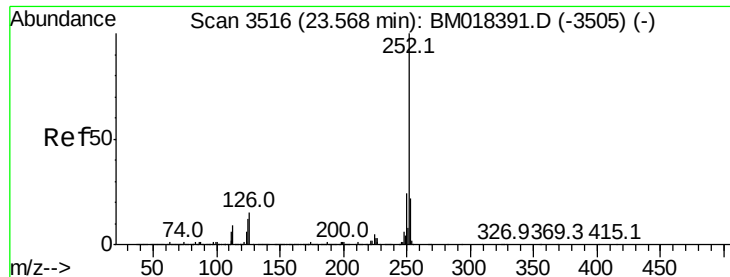
Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Tgt Ion:252 Resp: 5824862

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	10.1	8.6	12.8





#90

Benzo(a)pyrene

Concen: 32.239 ng

RT: 23.57 min Scan# 3516

Delta R.T. 0.00 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Instrument :

BNA_M

ClientSampleId :

381211744-2MSD

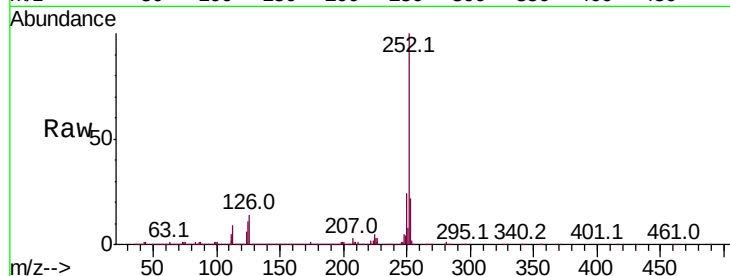
Tot Ion:252 Resp: 5565476

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

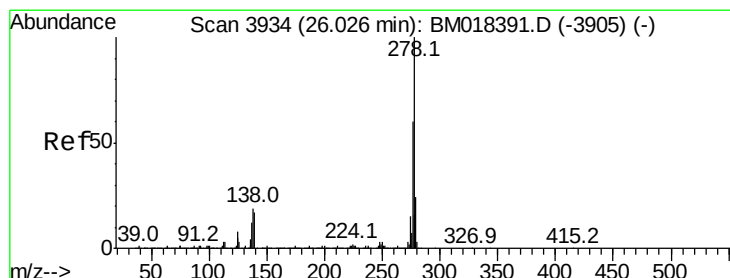
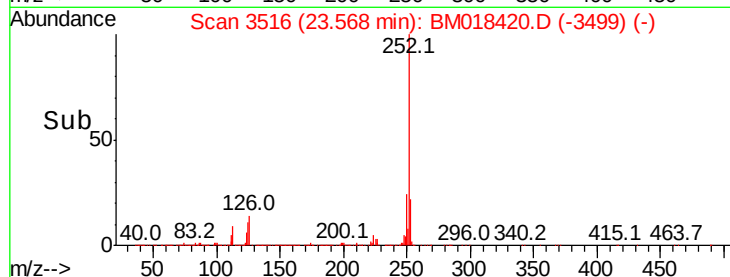
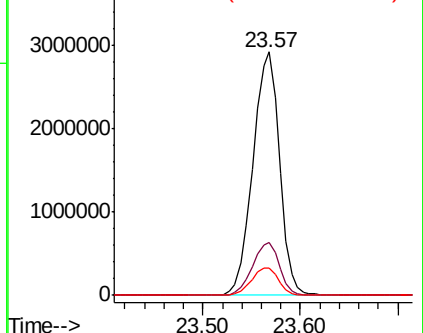
125 11.2 9.7 14.5



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: 27.977 ng

RT: 26.01 min Scan# 3932

Delta R.T. -0.01 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

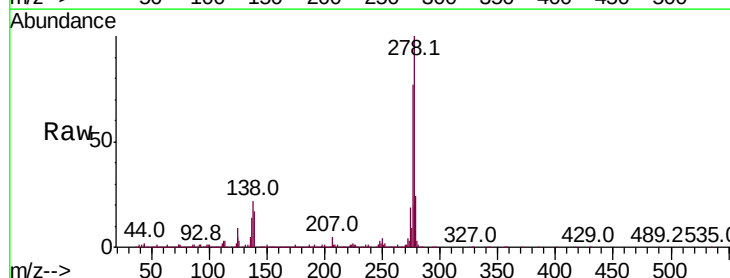
Tgt Ion:278 Resp: 5029531

Ion Ratio Lower Upper

278 100

139 16.6 13.2 19.8

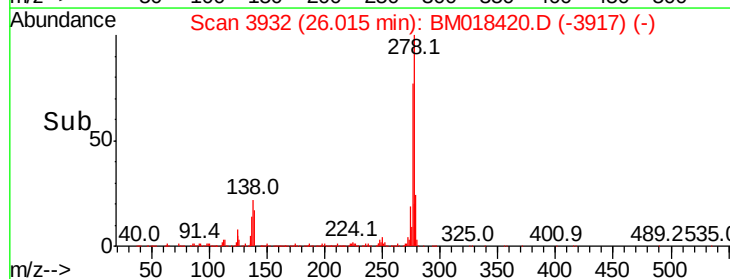
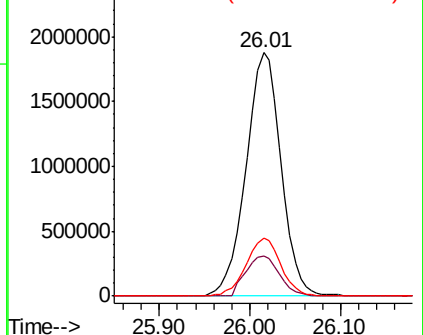
279 23.6 19.0 28.4

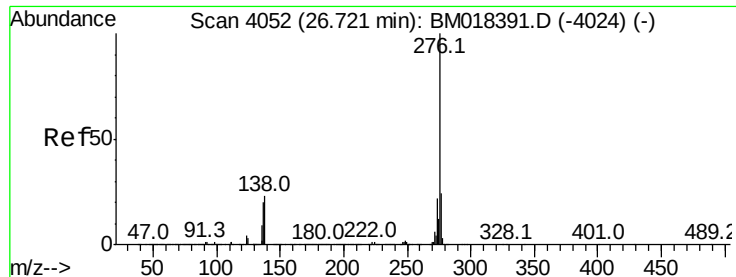


Abundance Ion 278.00 (277.70 to 278.70): E

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: 25.908 ng

RT: 26.71 min Scan# 4051

Delta R.T. -0.01 min

Lab File: BM018420.D

Acq: 28 Dec 2018 06:03

Instrument :

BNA_M

ClientSampleId :

381211744-2MSD

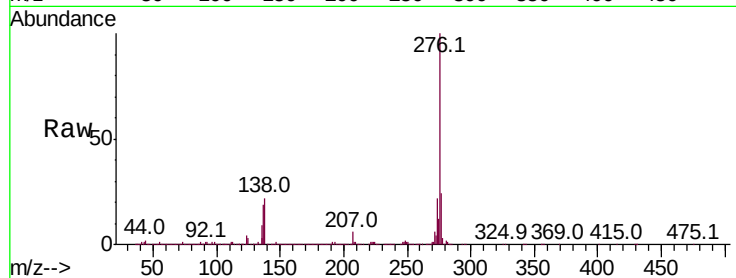
Tot Ion:276 Resp: 4459723

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 22.5 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

2000000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

