

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
 Data File : BM018915.D
 Acq On : 25 Feb 2019 14:47
 Operator : JU/SJ
 Sample : K1586-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 M-1MSD

Quant Time: Feb 25 16:19:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 25 12:45:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	200952	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	765905	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	400666	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	871622	20.00	ng	0.00
76) Chrysene-d12	21.29	240	978292	20.00	ng	0.00
87) Perylene-d12	23.54	264	1049423	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1622439	132.29	ng	0.00
7) Phenol-d6	6.87	99	2204196	127.57	ng	0.00
23) Nitrobenzene-d5	8.86	82	1409361	85.08	ng	-0.01
42) 2,4,6-Tribromophenol	15.84	330	750335	129.92	ng	-0.01
45) 2-Fluorobiphenyl	12.96	172	2443393	80.95	ng	0.00
79) Terphenyl-d14	19.73	244	3521977	74.27	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	183923	34.431	ng	99
3) Pyridine	3.65	79	538063	36.927	ng	98
4) n-Nitrosodimethylamine	3.56	42	166313	44.867	ng	94
6) Aniline	7.03	93	798041	37.698	ng	100
8) 2-Chlorophenol	7.26	128	543572	40.368	ng	97
9) Benzaldehyde	6.85	77	284577	27.637	ng	98
10) Phenol	6.89	94	793794	43.664	ng	98
11) bis(2-Chloroethyl)ether	7.13	93	522381	37.669	ng	99
12) 1,3-Dichlorobenzene	7.57	146	577252	38.125	ng	99
13) 1,4-Dichlorobenzene	7.73	146	587567	38.118	ng	100
14) 1,2-Dichlorobenzene	8.04	146	563861	38.082	ng	99
15) Benzyl Alcohol	7.94	79	512382	37.322	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	508381	37.877	ng	98
17) 2-Methylphenol	8.13	107	454094	39.245	ng	97
18) Hexachloroethane	8.75	117	214662	38.149	ng	98
19) n-Nitroso-di-n-propylamine	8.50	70	480502	35.918	ng	98
20) 3+4-Methylphenols	8.46	107	608743	38.100	ng	99
22) Acetophenone	8.52	105	804461	38.247	ng	# 99
24) Nitrobenzene	8.90	77	688929	40.069	ng	99
25) Isophorone	9.42	82	1162371	43.980	ng	99
26) 2-Nitrophenol	9.60	139	279235	40.781	ng	99
27) 2,4-Dimethylphenol	9.66	122	462617	46.259	ng	99
28) bis(2-Chloroethoxy)methane	9.90	93	690532	40.403	ng	100
29) 2,4-Dichlorophenol	10.13	162	471930	41.098	ng	98
30) 1,2,4-Trichlorobenzene	10.34	180	524637	39.561	ng	98
31) Naphthalene	10.53	128	1591270	42.600	ng	100
33) 4-Chloroaniline	10.66	127	564656	33.816	ng	99
34) Hexachlorobutadiene	10.79	225	287673	37.372	ng	98
35) Caprolactam	11.47	113	144896	30.918	ng	98
36) 4-Chloro-3-methylphenol	11.77	107	529347	38.234	ng	100
37) 2-Methylnaphthalene	12.15	142	1128749	42.919	ng	99
38) 1-Methylnaphthalene	12.37	142	1072825	41.716	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	525501	41.000	ng	98
41) Hexachlorocyclopentadiene	12.48	237	630402	96.201	ng	98

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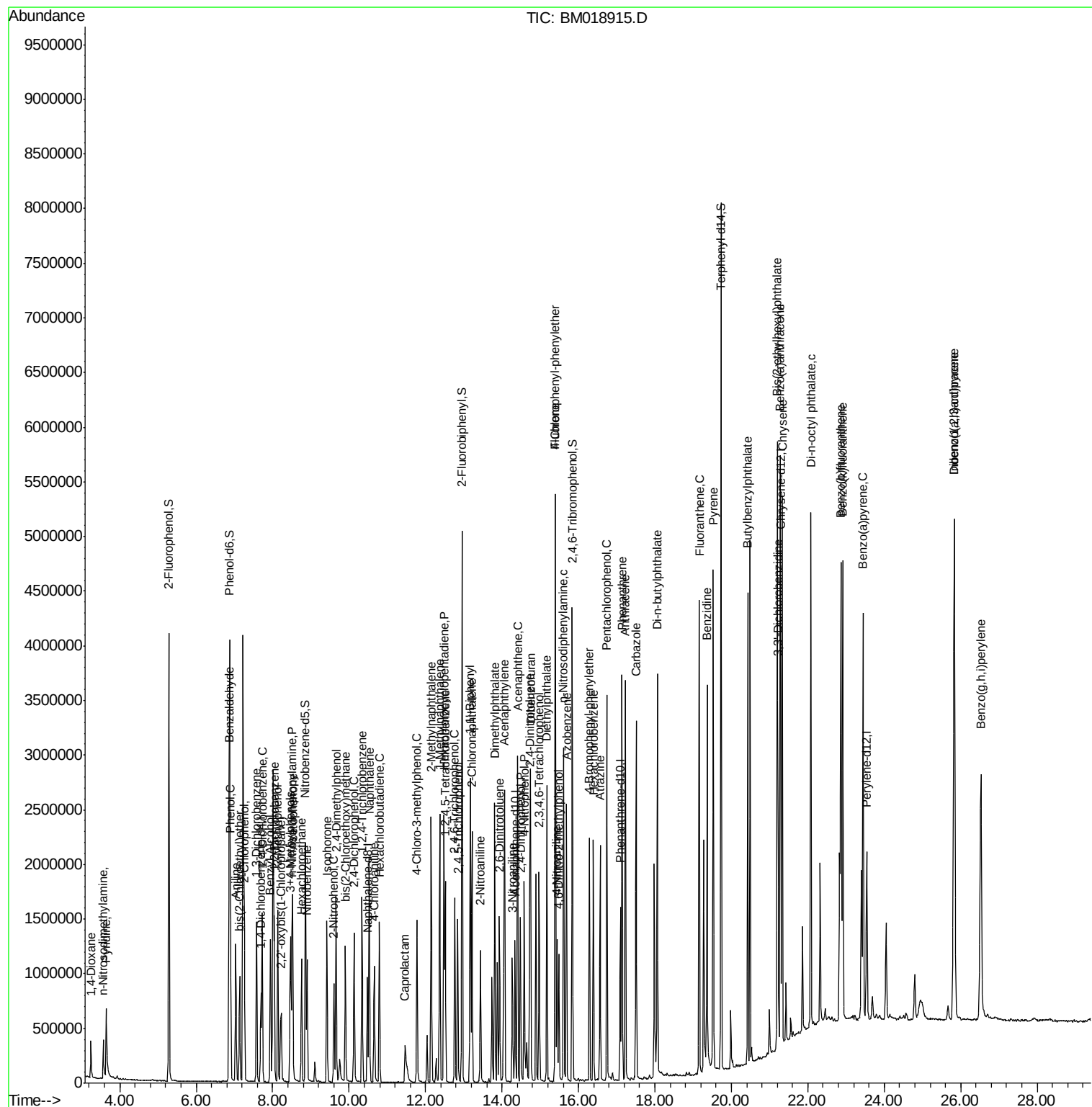
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.76	196	362831	42.762	ng	98
44) 2,4,5-Trichlorophenol	12.84	196	382055	42.960	ng	99
46) 1,1'-Biphenyl	13.17	154	1399013	40.565	ng	100
47) 2-Chloronaphthalene	13.22	162	1091763	40.985	ng	100
48) 2-Nitroaniline	13.44	65	365091	41.266	ng	98
49) Acenaphthylene	14.06	152	1770360	44.633	ng	99
50) Dimethylphthalate	13.81	163	1508900	45.188	ng	100
51) 2,6-Dinitrotoluene	13.94	165	293604	40.591	ng	98
52) Acenaphthene	14.41	154	1010858	41.562	ng	100
53) 3-Nitroaniline	14.27	138	269679	32.997	ng	99
54) 2,4-Dinitrophenol	14.48	184	314453	69.340	ng	99
55) Dibenzofuran	14.74	168	1623129	40.602	ng	100
56) 4-Nitrophenol	14.58	139	516926	79.232	ng	99
57) 2,4-Dinitrotoluene	14.73	165	414409	41.582	ng	99
58) Fluorene	15.40	166	1329589	43.475	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.97	232	343947	43.755	ng	99
60) Diethylphthalate	15.17	149	1394042	40.472	ng	100
61) 4-Chlorophenyl-phenylether	15.39	204	643476	37.526	ng	98
62) 4-Nitroaniline	15.44	138	303704	37.904	ng	98
63) Azobenzene	15.69	77	1475794	39.960	ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	228990	37.418	ng	99
66) n-Nitrosodiphenylamine	15.61	169	1139710	41.387	ng	100
67) 4-Bromophenyl-phenylether	16.29	248	381467	39.100	ng	96
68) Hexachlorobenzene	16.39	284	447482	39.460	ng	97
69) Atrazine	16.57	200	360845	40.645	ng	98
70) Pentachlorophenol	16.74	266	586571	80.333	ng	100
71) Phenanthrene	17.14	178	2058915	43.954	ng	100
72) Anthracene	17.23	178	2093088	45.908	ng	100
73) Carbazole	17.51	167	1936805	40.660	ng	99
74) Di-n-butylphthalate	18.06	149	2414514	44.075	ng	100
75) Fluoranthene	19.16	202	2462734	45.515	ng	99
77) Benzidine	19.36	184	1850113	83.972	ng	100
78) Pyrene	19.53	202	2523129	44.407	ng	99
80) Butylbenzylphthalate	20.43	149	1173902	45.334	ng	99
81) Benzo(a)anthracene	21.28	228	2561992	44.926	ng	99
82) 3,3'-Dichlorobenzidine	21.22	252	849313	37.684	ng	99
83) Chrysene	21.33	228	2392609	43.773	ng	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	1691484	44.631	ng	99
85) Di-n-octyl phthalate	22.08	149	2959396	46.460	ng	100
86) Indeno(1,2,3-cd)pyrene	25.83	276	3256913	51.610	ng	100
88) Benzo(b)fluoranthene	22.86	252	2658460	44.277	ng	99
89) Benzo(k)fluoranthene	22.91	252	2623699	43.893	ng	100
90) Benzo(a)pyrene	23.44	252	2600326	45.717	ng	99
91) Dibenzo(a,h)anthracene	25.84	278	2758750	48.956	ng	100
92) Benzo(g,h,i)perylene	26.53	276	2676238	51.013	ng	99

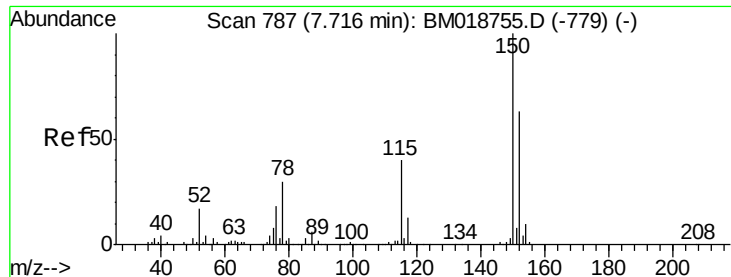
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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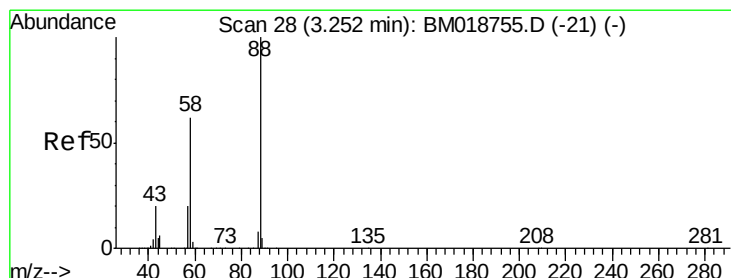
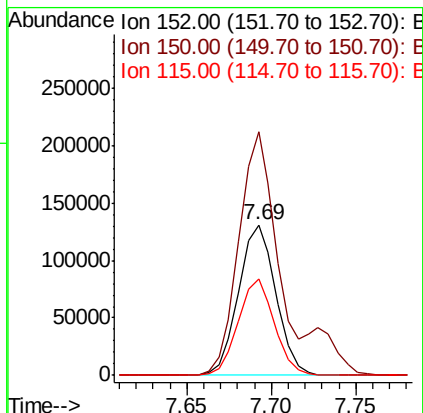
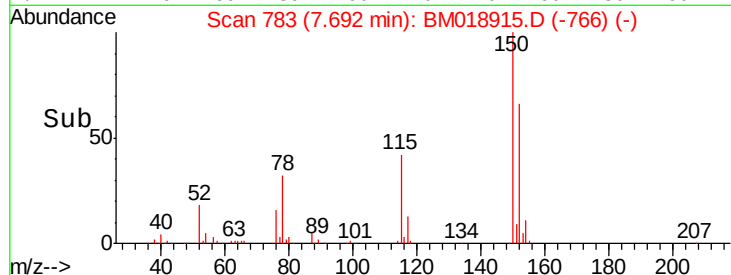
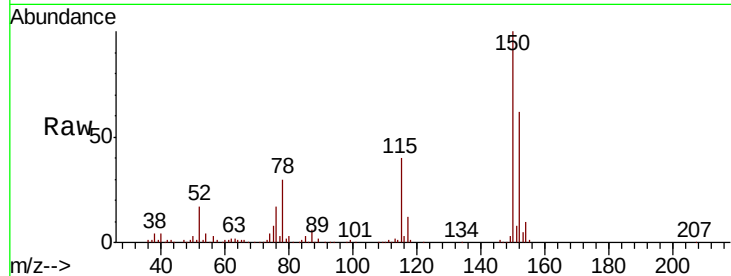


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampled :
M-1MSD

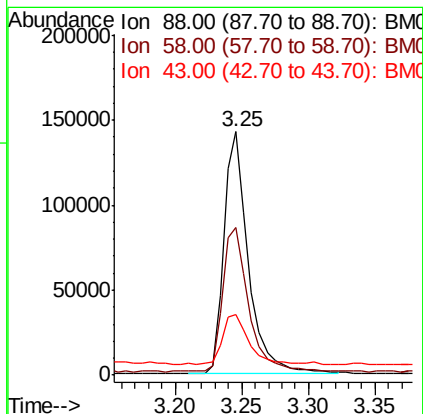
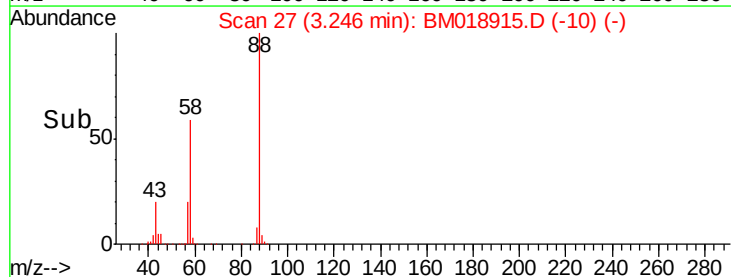
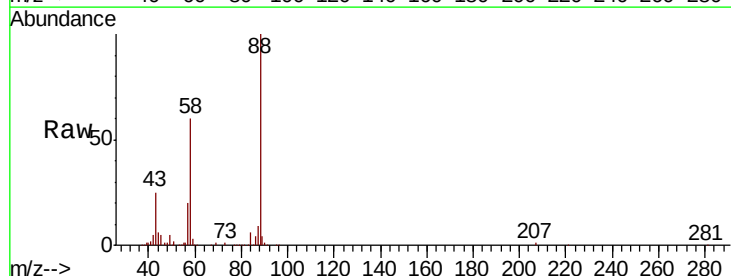
Tot Ion:152 Resp: 200952
Ion Ratio Lower Upper
152 100
150 161.7 127.3 190.9
115 64.0 50.8 76.2

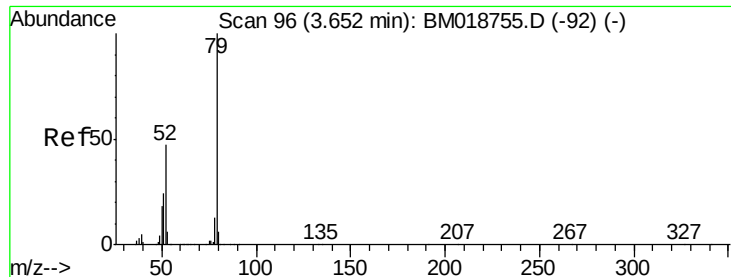


#2

1,4-Dioxane
Concen: 34.431 ng
RT: 3.25 min Scan# 27
Delta R.T. -0.00 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion: 88 Resp: 183923
Ion Ratio Lower Upper
88 100
58 62.5 49.8 74.6
43 21.4 16.7 25.1





#3

Pvridine

Concen: 36.927 ng

RT: 3.65 min Scan# 95

Delta R.T. -0.00 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

M-1MSD

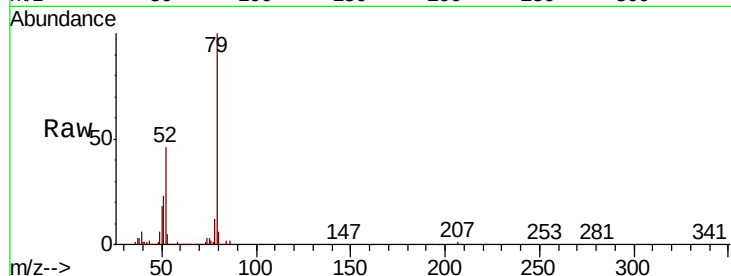
Tot Ion: 79 Resp: 538063

Ion Ratio Lower Upper

79 100

52 45.7 37.6 56.4

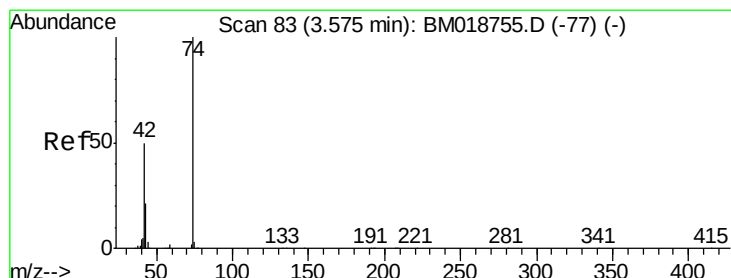
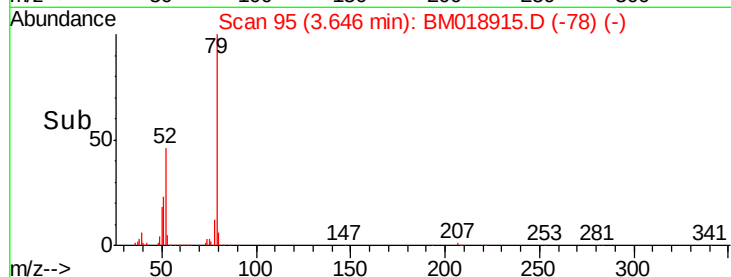
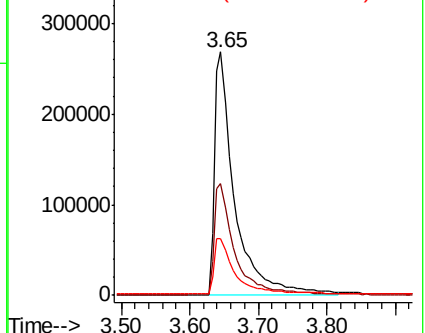
51 23.5 19.7 29.5



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

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

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



#4

n-Nitrosodimethylamine

Concen: 44.867 ng

RT: 3.56 min Scan# 81

Delta R.T. -0.00 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

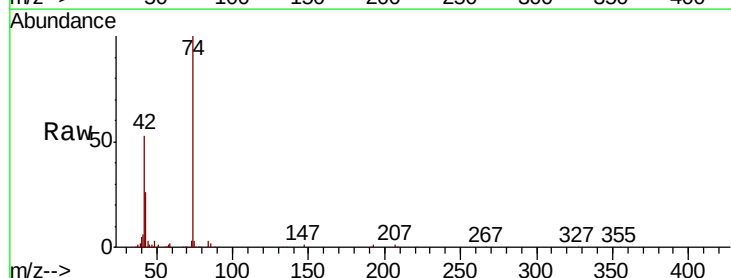
Tgt Ion: 42 Resp: 166313

Ion Ratio Lower Upper

42 100

74 188.0 158.1 237.1

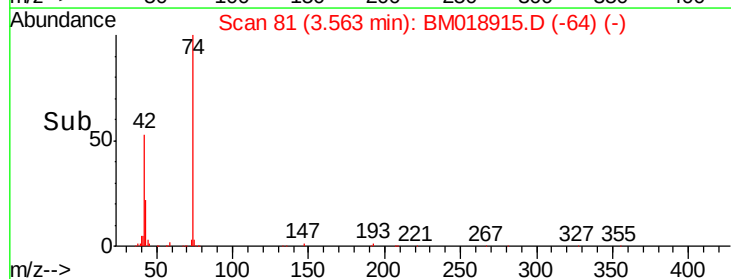
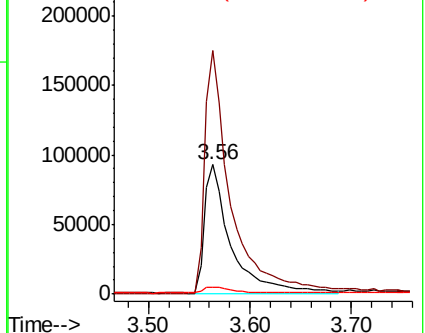
44 5.8 4.9 7.3

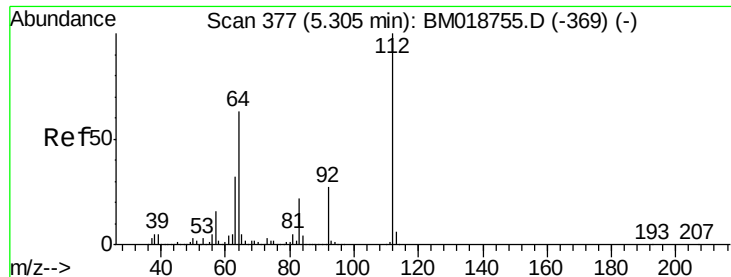


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

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

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





#5

2-Fluorophenol

Concen: 132.287 ng

RT: 5.29 min Scan# 374

Delta R.T. -0.00 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

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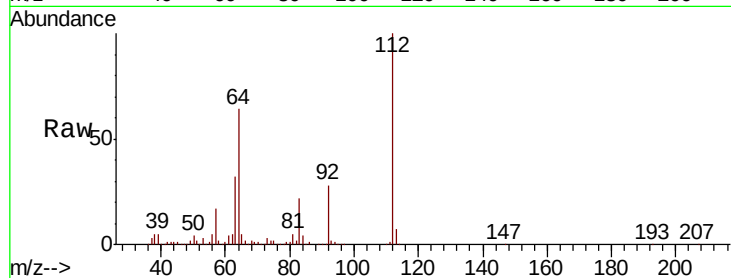
Tot Ion:112 Resp: 1622439

Ion Ratio Lower Upper

112 100

64 64.4 50.6 75.8

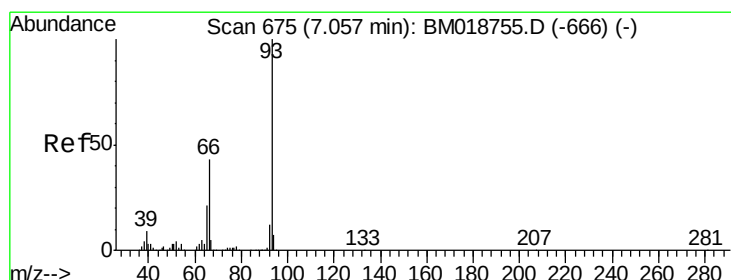
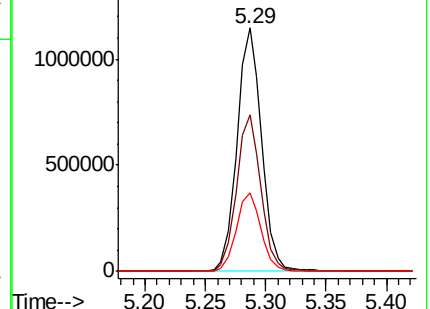
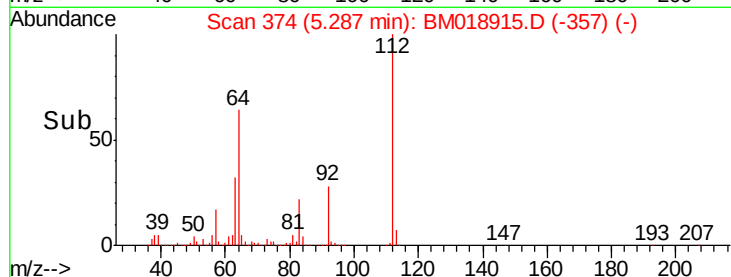
63 32.4 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 37.698 ng

RT: 7.03 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

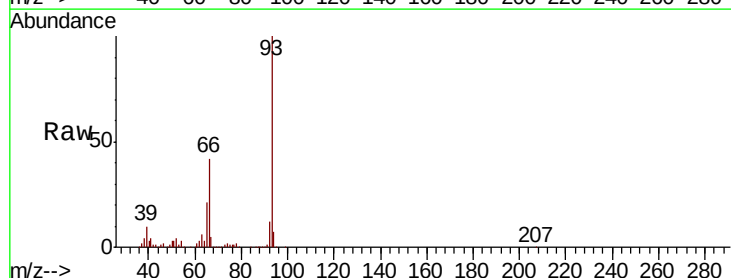
Tgt Ion: 93 Resp: 798041

Ion Ratio Lower Upper

93 100

66 42.5 34.1 51.1

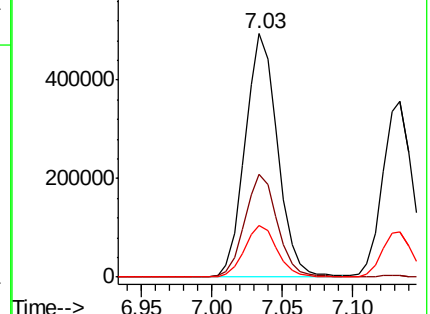
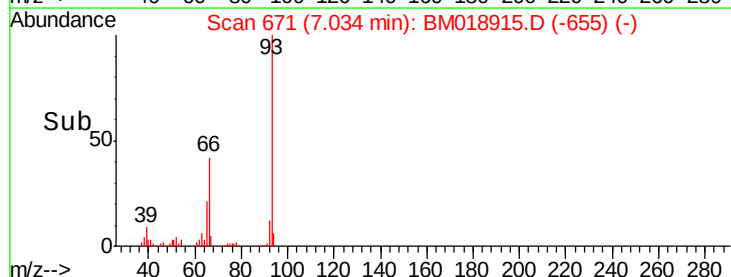
65 21.0 16.6 24.8

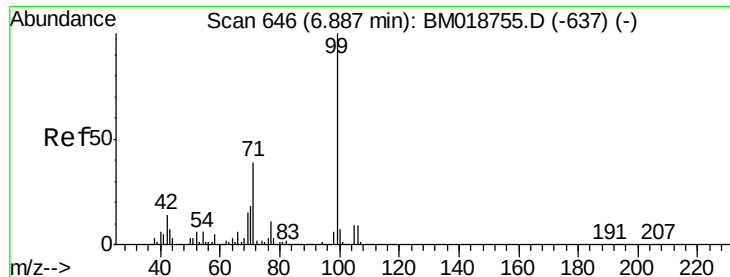


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 127.574 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

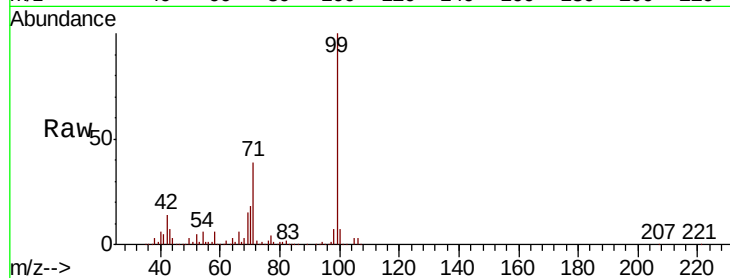
BNA_M

ClientSampleId :

M-1MSD

Tot Ion: 99 Resp: 2204196

Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.0	16.6
71	38.5	31.3	46.9

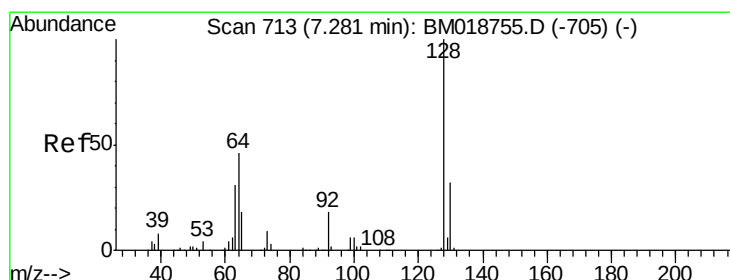
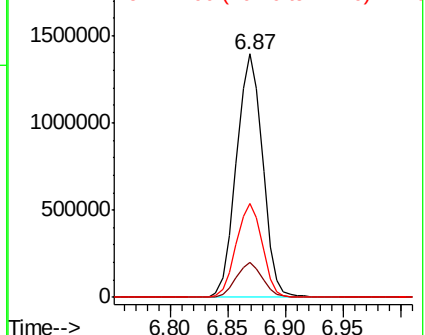
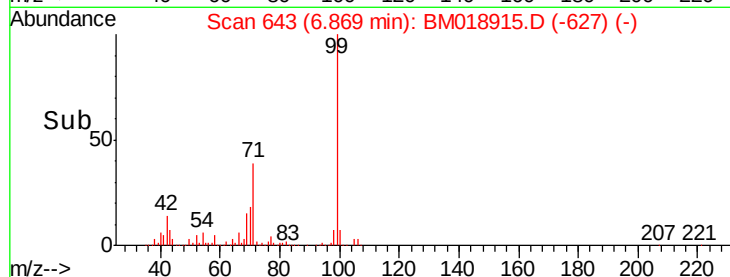


Abundance

Ion 99.00 (98.70 to 99.70): BM018915.D (-627) (-)

Ion 42.00 (41.70 to 42.70): BM018915.D (-627) (-)

Ion 71.00 (70.70 to 71.70): BM018915.D (-627) (-)



#8

2-Chlorophenol

Concen: 40.368 ng

RT: 7.26 min Scan# 709

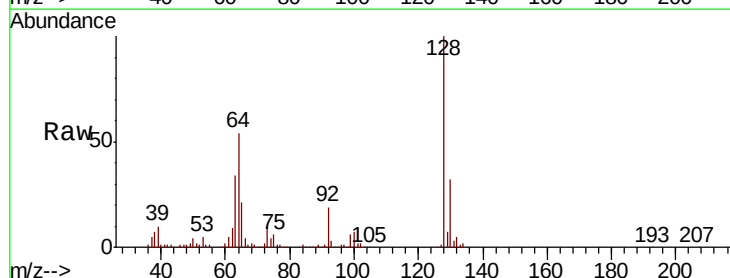
Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Tgt Ion: 128 Resp: 543572

Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.7	51.7
64	54.0	31.0	71.0

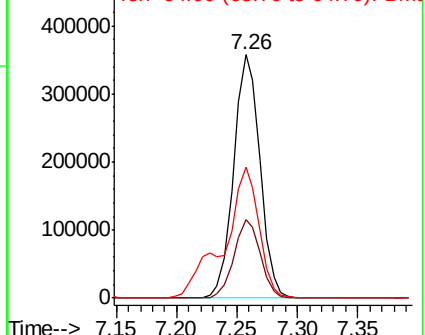
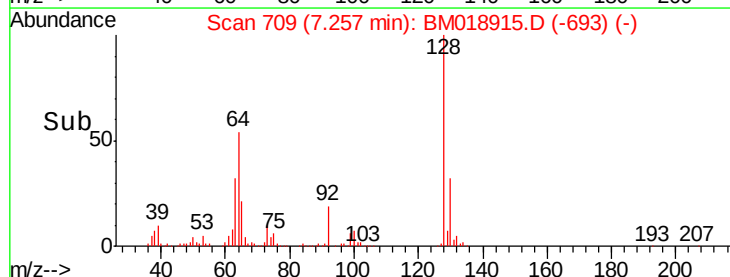


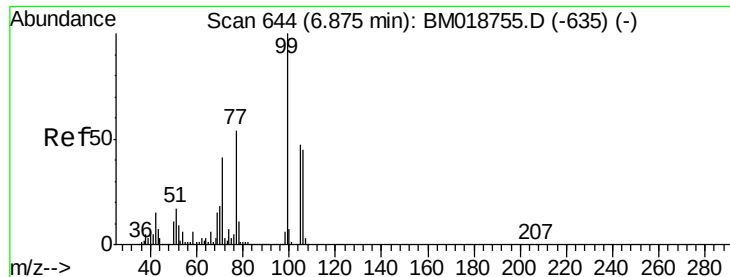
Abundance

Ion 128.00 (127.70 to 128.70): BM018915.D (-693) (-)

Ion 130.00 (129.70 to 130.70): BM018915.D (-693) (-)

Ion 64.00 (63.70 to 64.70): BM018915.D (-693) (-)





#9

Benzaldehyde

Concen: 27.637 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

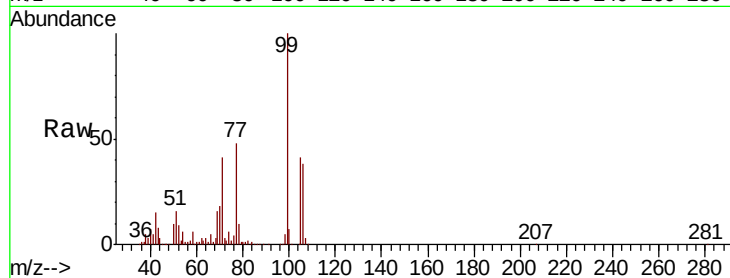
BNA_M

ClientSampleId :

M-1MSD

Tot Ion: 77 Resp: 284577

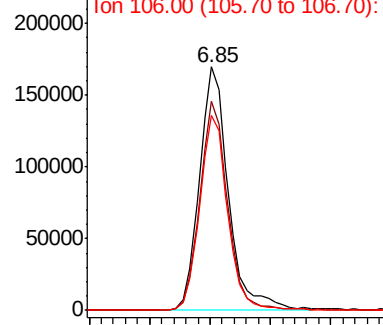
Ion	Ratio	Lower	Upper
77	100		
105	86.1	67.3	107.3
106	80.3	62.9	102.9



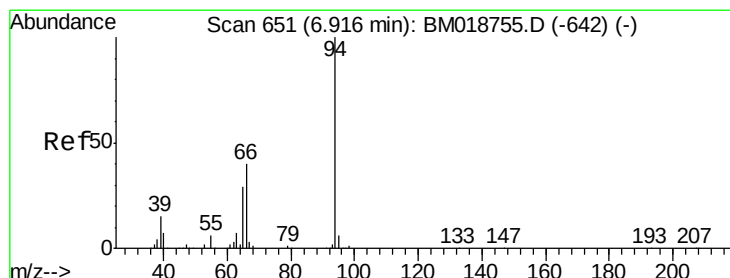
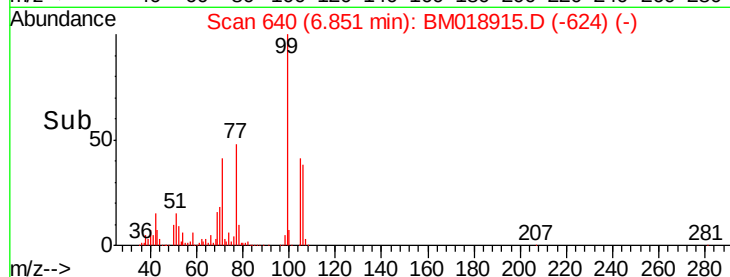
Abundance Ion 77.00 (76.70 to 77.70): BM018915.D (-624) (-)

Ion 105.00 (104.70 to 105.70): BM018915.D (-624) (-)

Ion 106.00 (105.70 to 106.70): BM018915.D (-624) (-)



Time--> 6.75 6.80 6.85 6.90 6.95



#10

Phenol

Concen: 43.664 ng

RT: 6.89 min Scan# 647

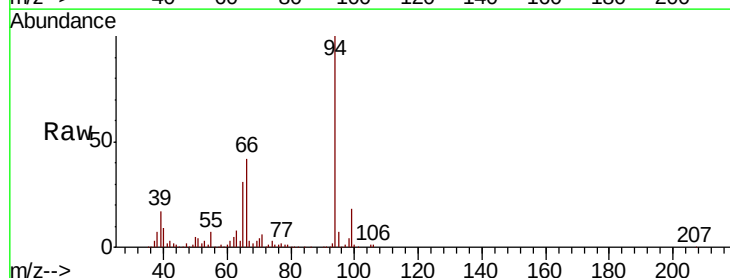
Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Tgt Ion: 94 Resp: 793794

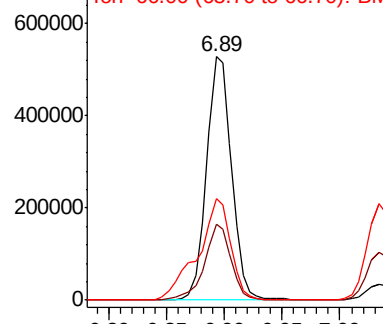
Ion	Ratio	Lower	Upper
94	100		
65	31.0	9.6	49.6
66	41.5	20.4	60.4



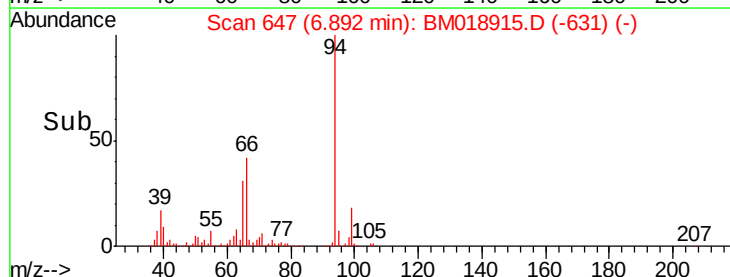
Abundance Ion 94.00 (93.70 to 94.70): BM018915.D (-631) (-)

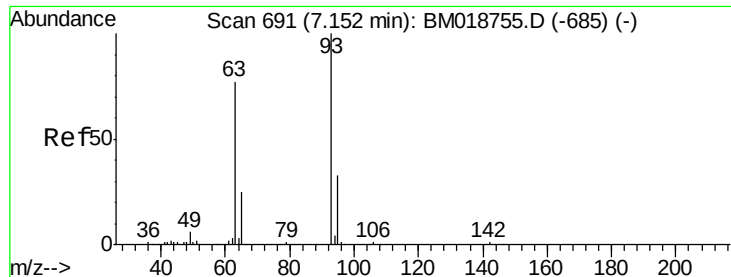
Ion 65.00 (64.70 to 65.70): BM018915.D (-631) (-)

Ion 66.00 (65.70 to 66.70): BM018915.D (-631) (-)



Time--> 6.80 6.85 6.90 6.95 7.00

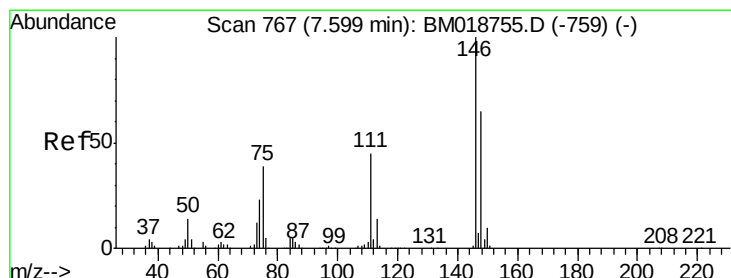
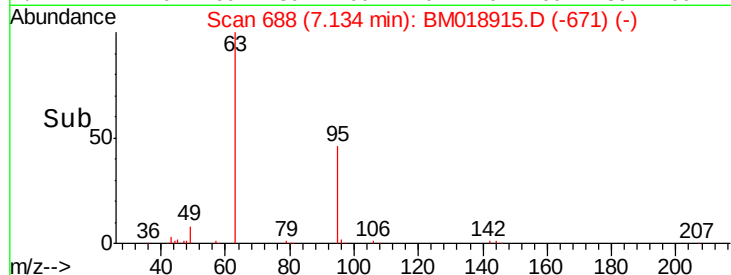
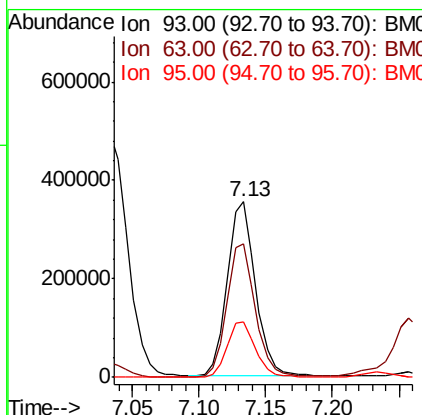
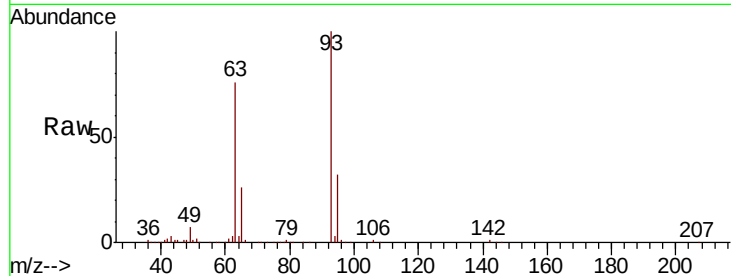




#11
 bis(2-Chloroethyl)ether
 Concen: 37.669 ng
 RT: 7.13 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

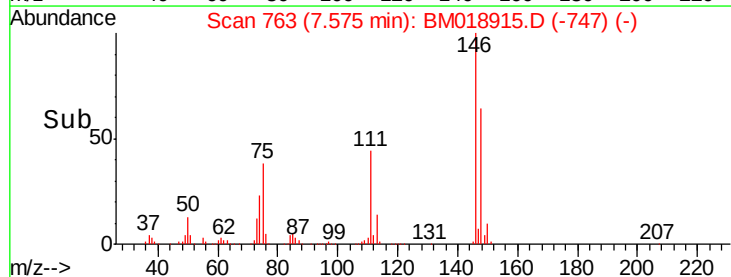
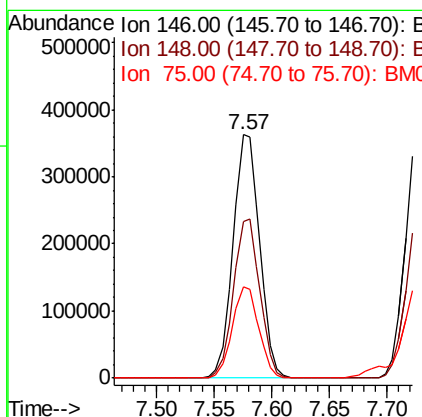
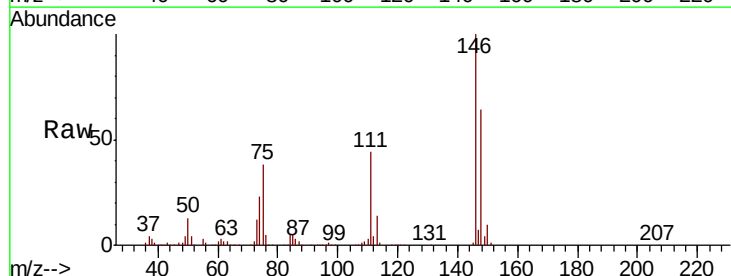
Instrument :
 BNA_M
 ClientSampleId :
 M-1MSD

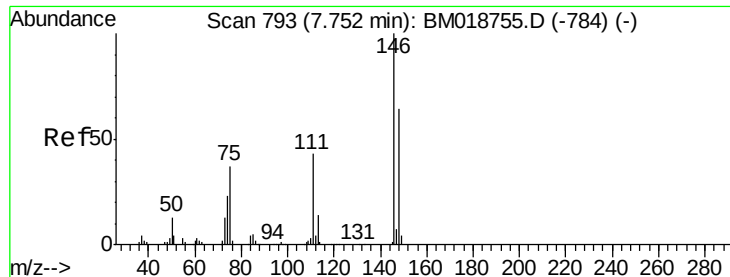
Tot Ion:	93	Resp:	522381
Ion	Ratio	Lower	Upper
93	100		
63	76.3	57.0	97.0
95	31.9	12.4	52.4



#12
 1,3-Dichlorobenzene
 Concen: 38.125 ng
 RT: 7.57 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

Tgt Ion:	146	Resp:	577252
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.7	77.5
75	37.7	31.3	46.9

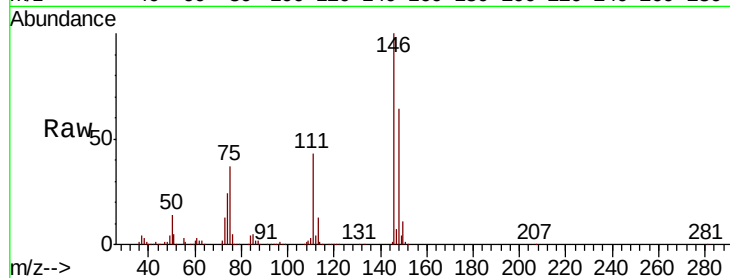




#13
 1,4-Dichlorobenzene
 Concen: 38.118 ng
 RT: 7.73 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

Instrument :
 BNA_M
 ClientSampleID :
 M-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
111	43.0	34.6	52.0

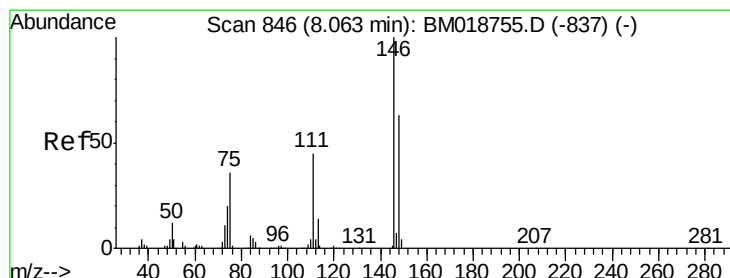
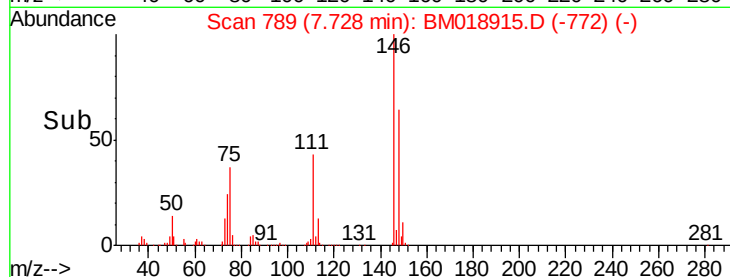
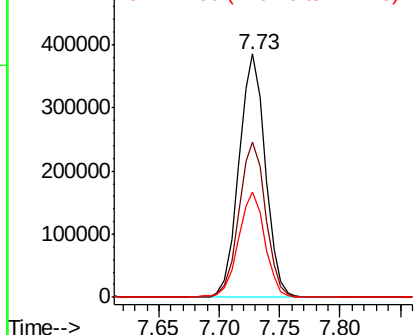


Abundance

Ion 146.00 (145.70 to 146.70): E

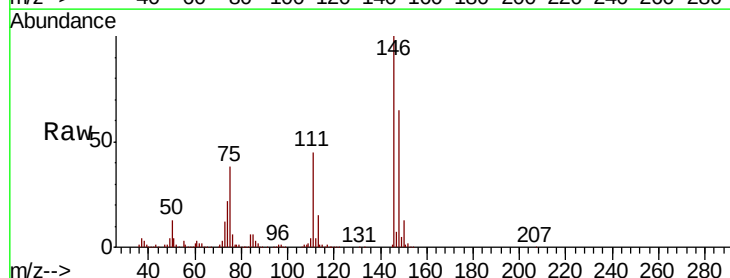
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.082 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.7	76.1
111	44.9	35.9	53.9

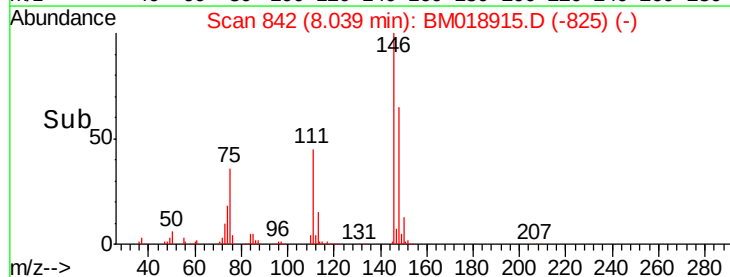
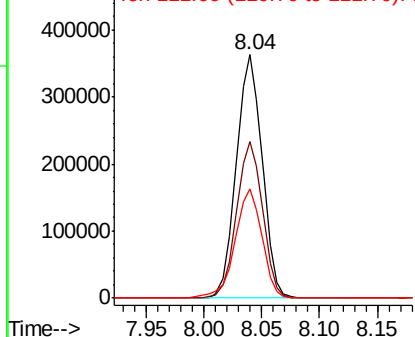


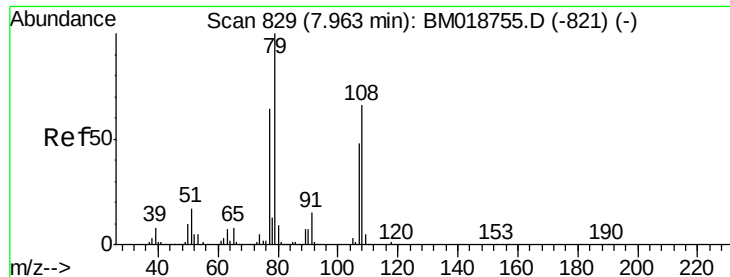
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.322 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleID :

M-1MSD

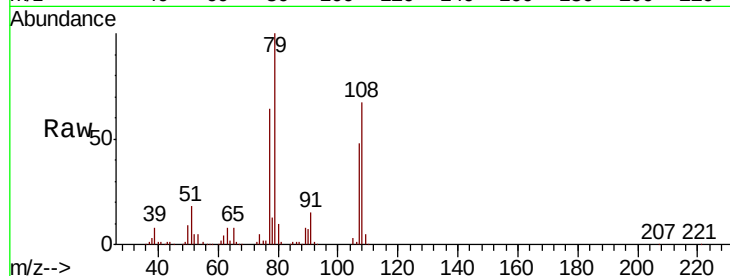
Tot Ion: 79 Resp: 512382

Ion Ratio Lower Upper

79 100

108 67.0 52.7 79.1

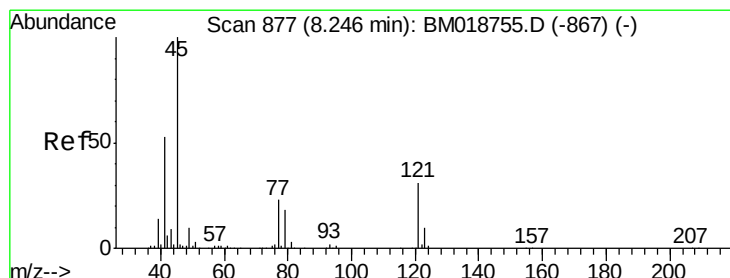
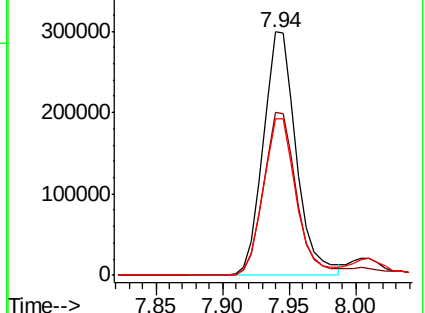
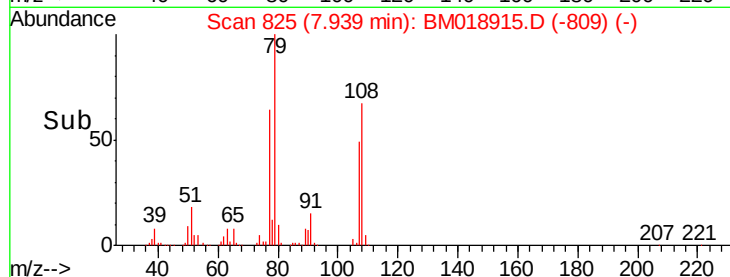
77 64.5 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BM018915.D (-809) (-)

Ion 108.00 (107.70 to 108.70): BM018915.D (-809) (-)

Ion 77.00 (76.70 to 77.70): BM018915.D (-809) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.877 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.02 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

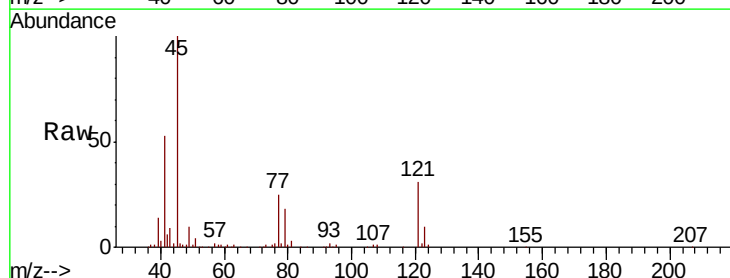
Tgt Ion: 45 Resp: 508381

Ion Ratio Lower Upper

45 100

77 24.9 5.0 45.0

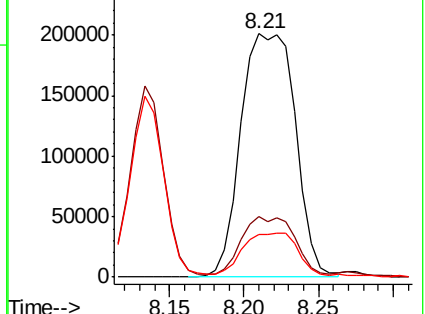
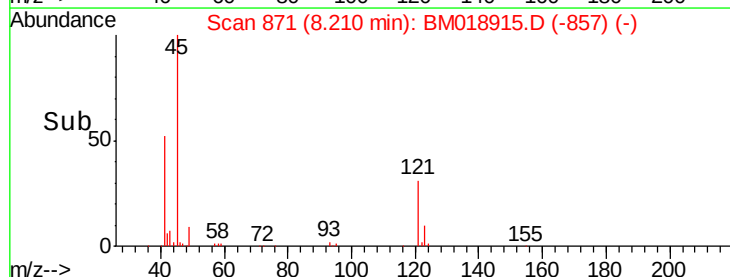
79 17.7 0.0 39.3

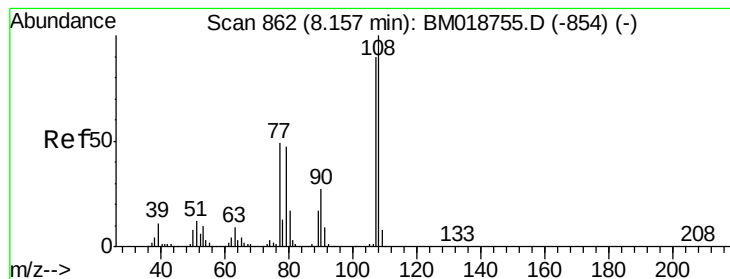


Abundance Ion 45.00 (44.70 to 45.70): BM018915.D (-857) (-)

Ion 77.00 (76.70 to 77.70): BM018915.D (-857) (-)

Ion 79.00 (78.70 to 79.70): BM018915.D (-857) (-)





#17

2-Methylphenol

Concen: 39.245 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampled :

M-1MSD

Tot Ion:107 Resp: 454094

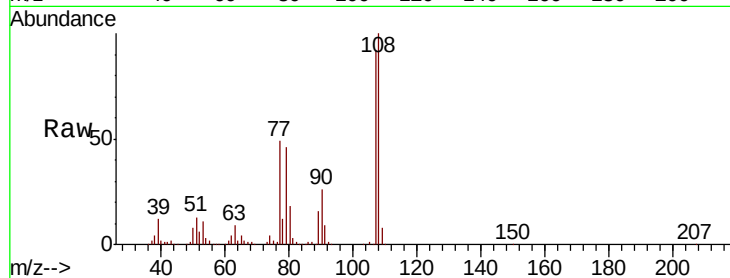
Ion Ratio Lower Upper

107 100

108 108.6 88.8 133.2

77 52.8 44.0 66.0

79 50.3 42.4 63.6

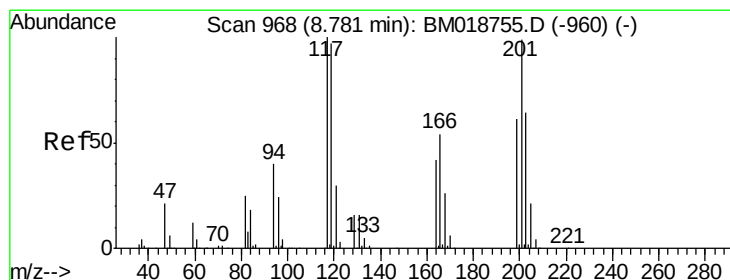
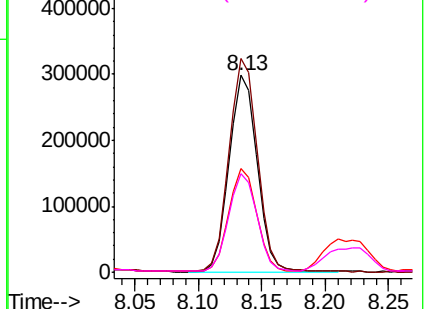
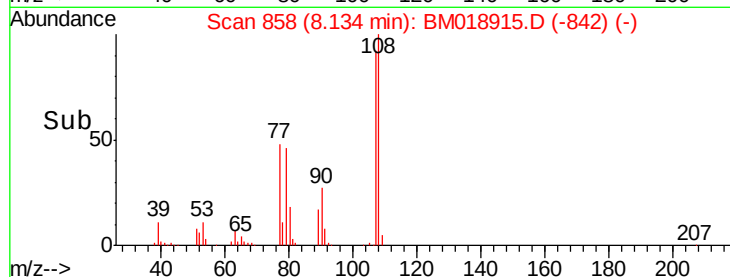


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 38.149 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

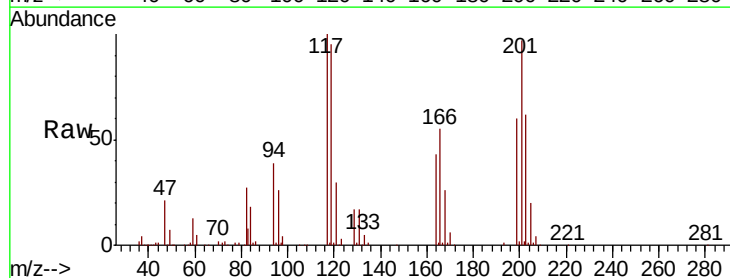
Tgt Ion:117 Resp: 214662

Ion Ratio Lower Upper

117 100

119 95.2 77.9 116.9

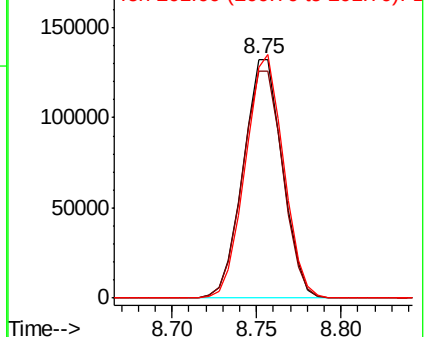
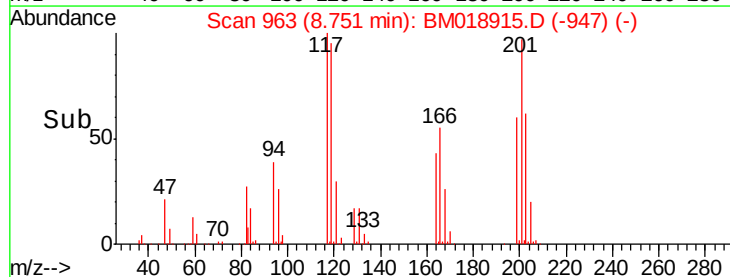
201 96.7 79.2 118.8

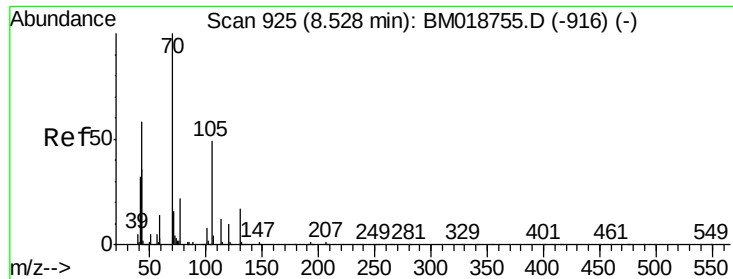


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

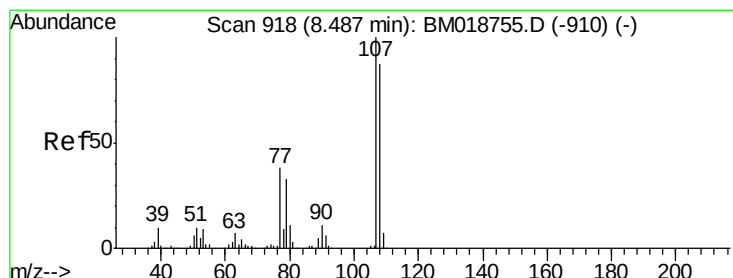
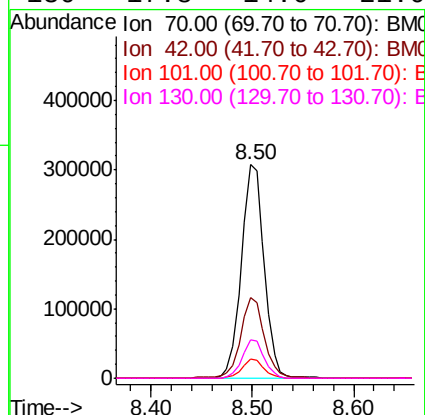
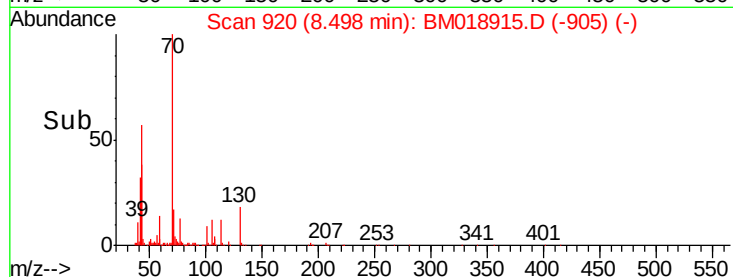
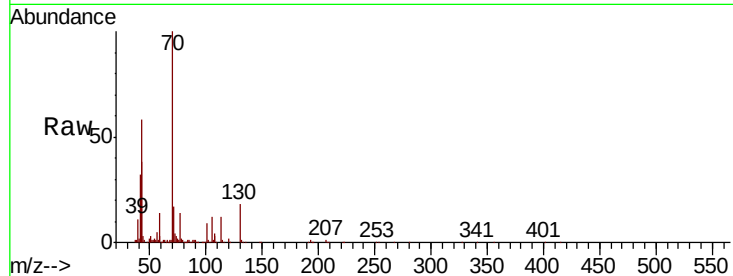




#19
n-Nitroso-di-n-propylamine
Concen: 35.918 ng
RT: 8.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

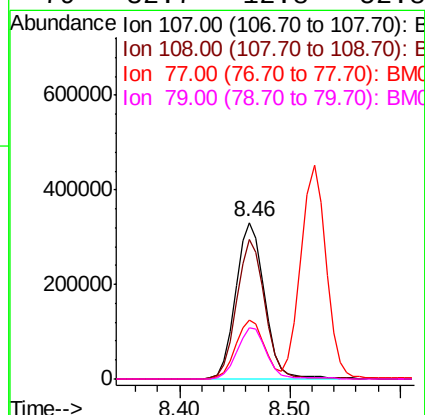
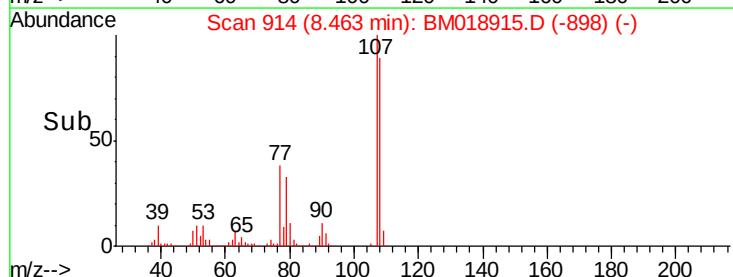
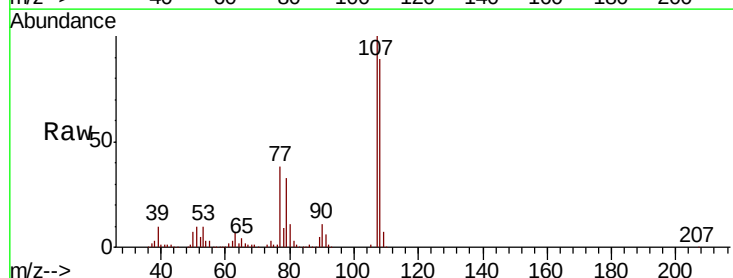
Instrument :
BNA_M
ClientSampleId :
M-1MSD

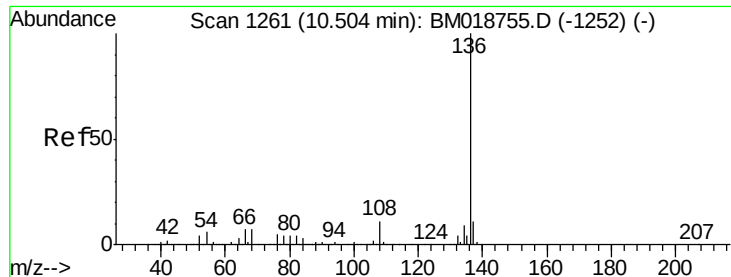
Tot Ion:	70	Resp:	480502
Ion	Ratio	Lower	Upper
70	100		
42	38.0	29.4	44.0
101	8.8	6.7	10.1
130	17.8	14.0	21.0



#20
3+4-Methylphenols
Concen: 38.100 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion:	107	Resp:	608743
Ion	Ratio	Lower	Upper
107	100		
108	88.8	67.3	107.3
77	37.9	18.0	58.0
79	32.7	12.8	52.8

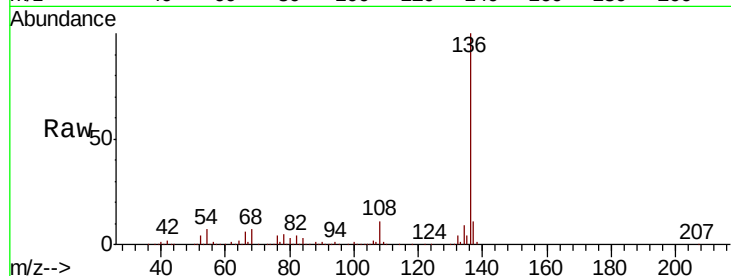




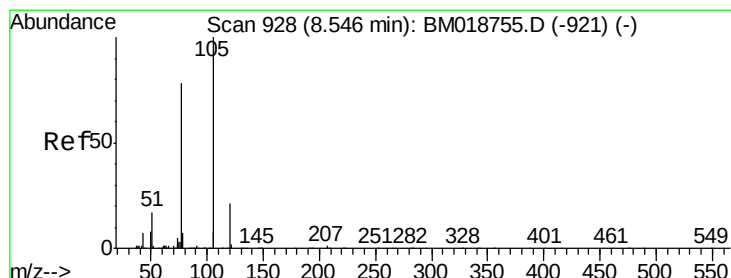
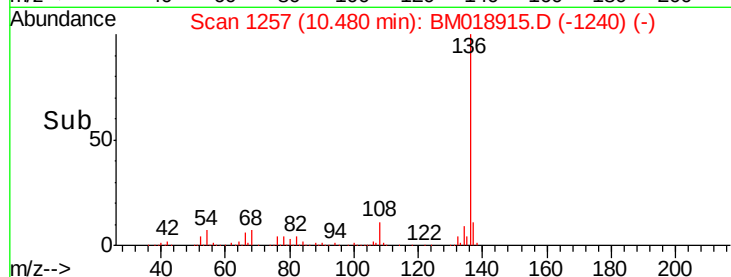
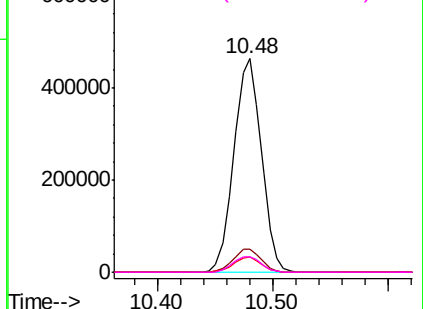
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
M-1MSD

Tot Ion:136	Resp:	765905
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	7.0	5.0 7.6
68	7.0	5.5 8.3

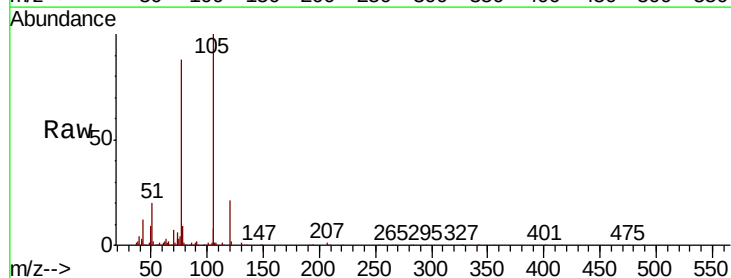


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

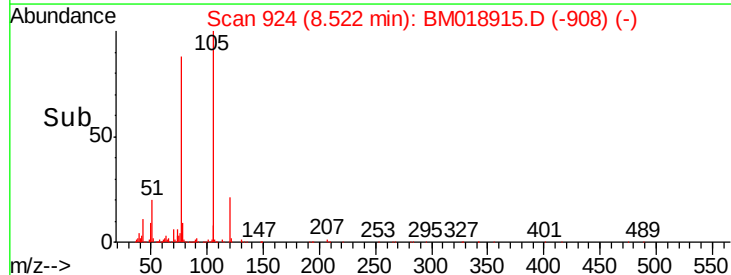
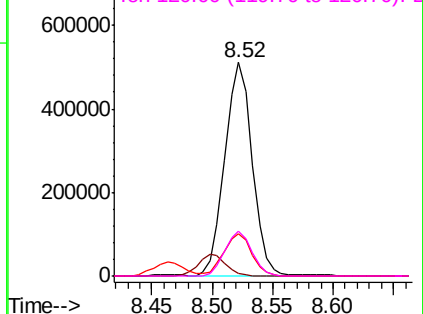


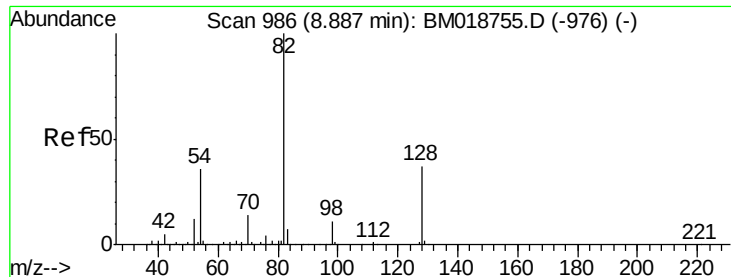
#22
Acetophenone
Concen: 38.247 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion:105	Resp:	804461
Ion Ratio	Lower	Upper
105	100	
71	1.0	1.1 1.7#
51	20.0	15.5 23.3
120	20.9	17.0 25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

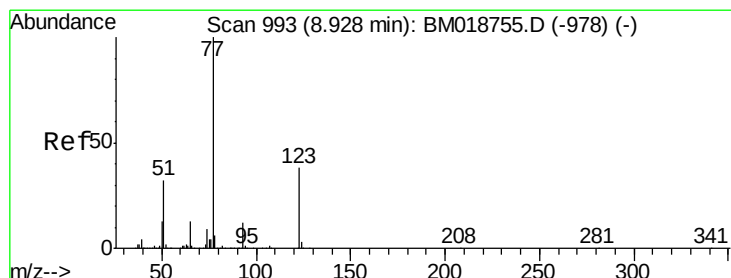
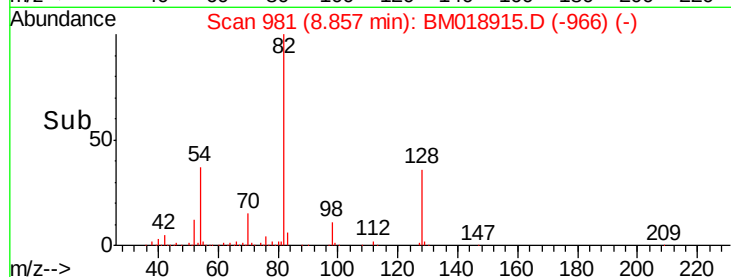
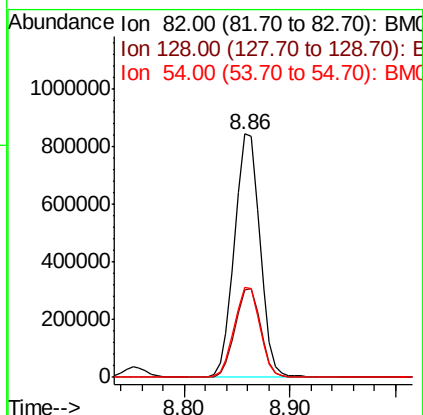
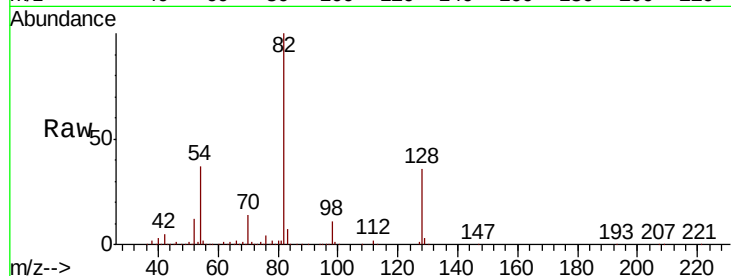




#23
 Nitrobenzene-d5
 Concen: 85.085 ng
 RT: 8.86 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

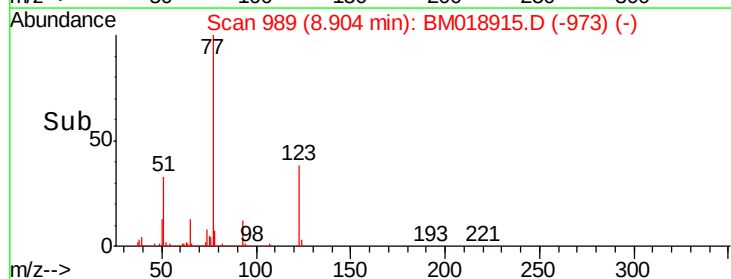
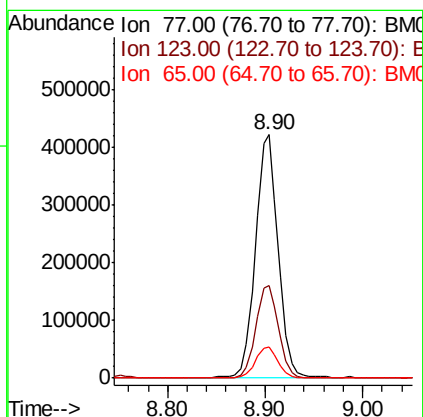
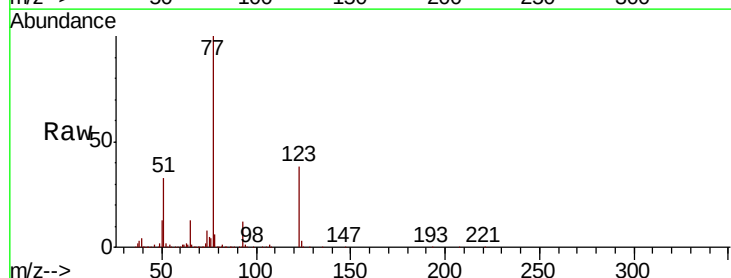
Instrument :
 BNA_M
 ClientSampled :
 M-1MSD

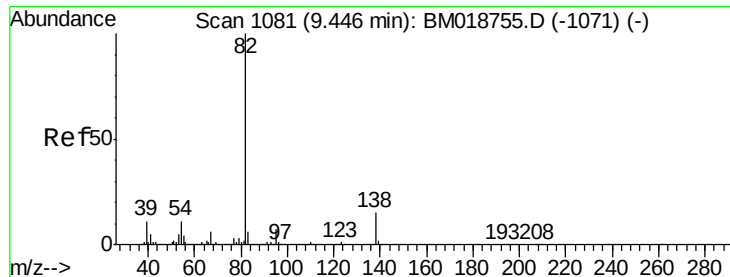
Tot Ion: 82 Resp: 1409361
 Ion Ratio Lower Upper
 82 100
 128 35.8 29.9 44.9
 54 36.9 29.1 43.7



#24
 Nitrobenzene
 Concen: 40.069 ng
 RT: 8.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

Tgt Ion: 77 Resp: 688929
 Ion Ratio Lower Upper
 77 100
 123 38.0 30.7 46.1
 65 12.9 10.5 15.7

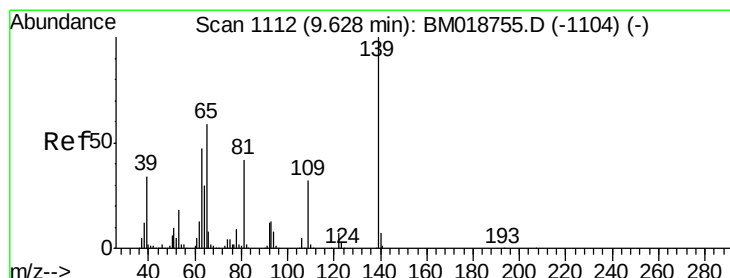
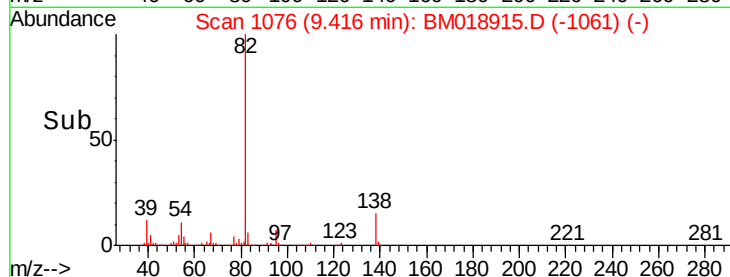
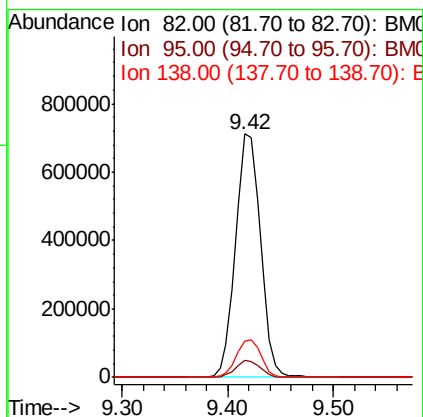
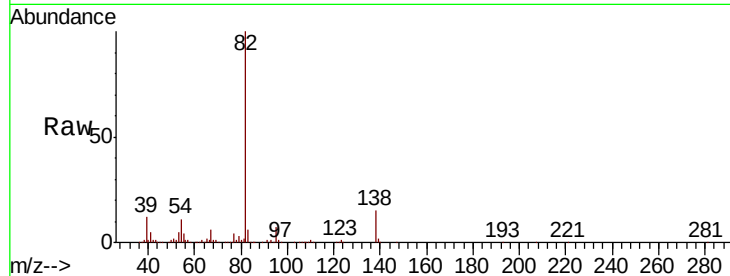




#25
Isophorone
Concen: 43.980 ng
RT: 9.42 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

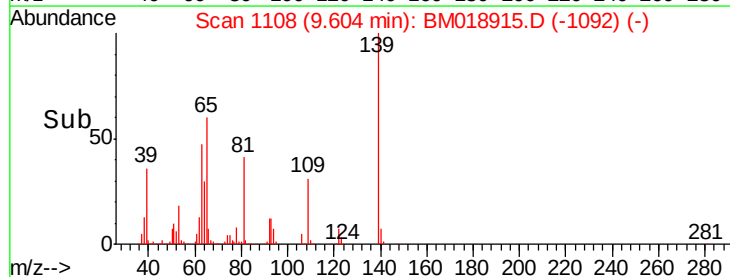
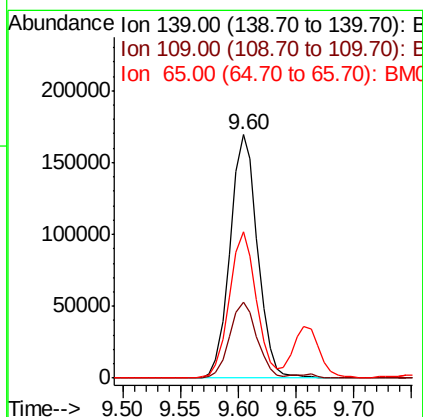
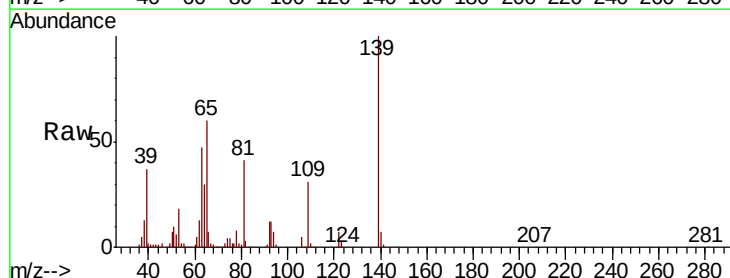
Instrument :
BNA_M
ClientSampleId :
M-1MSD

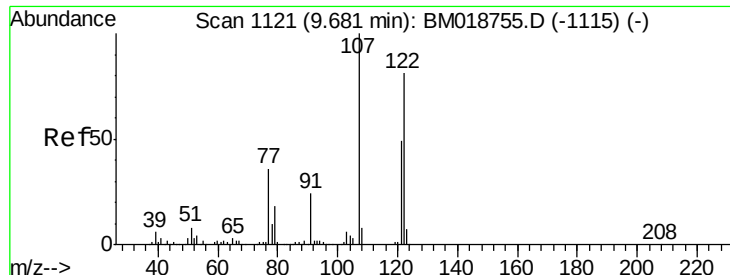
Tot Ion: 82 Resp: 1162371
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 15.1 12.3 18.5



#26
2-Nitrophenol
Concen: 40.781 ng
RT: 9.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion: 139 Resp: 279235
Ion Ratio Lower Upper
139 100
109 31.4 25.2 37.8
65 60.0 47.0 70.4

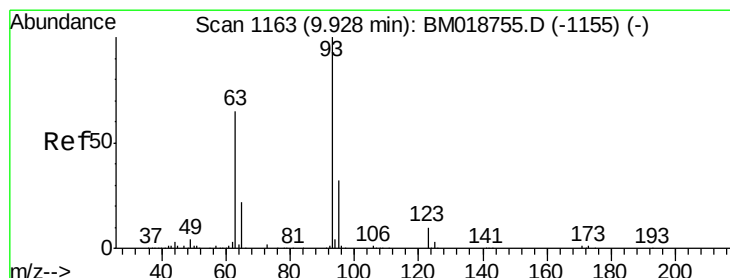
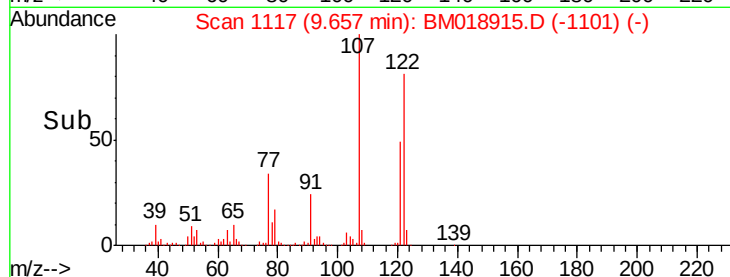
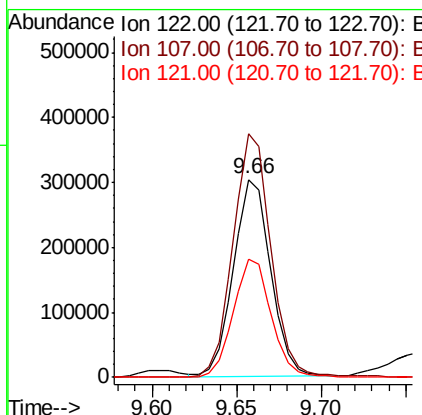
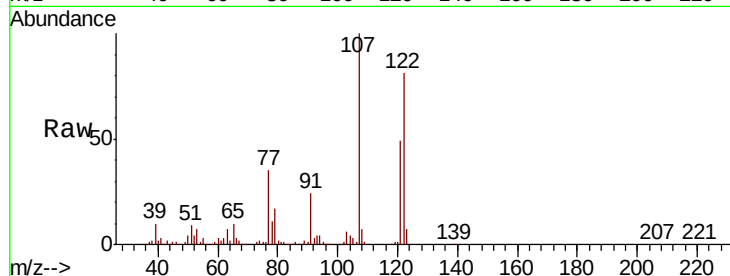




#27
 2,4-Dimethylphenol
 Concen: 46.259 ng
 RT: 9.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

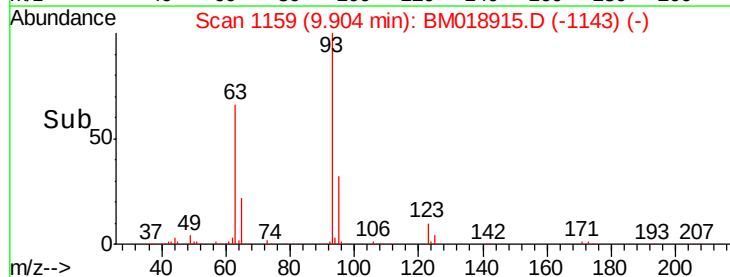
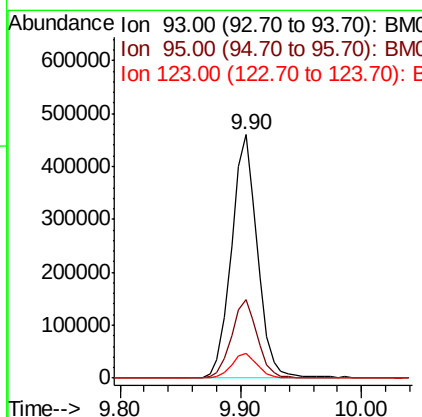
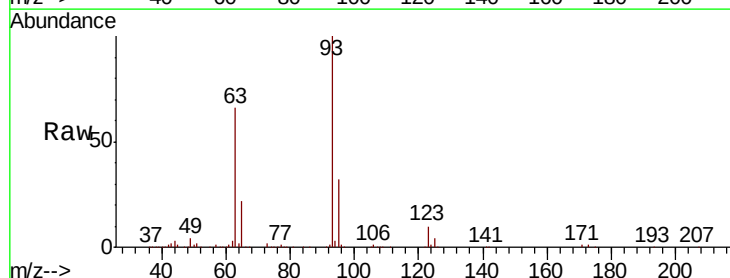
Instrument :
 BNA_M
 ClientSampleId :
 M-1MSD

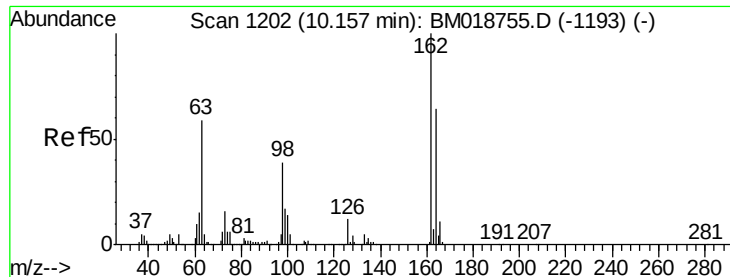
Tot Ion	Ratio	Lower	Upper
122	100		
107	122.9	97.6	146.4
121	59.7	47.9	71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.403 ng
 RT: 9.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.6	38.4
123	10.2	8.2	12.4

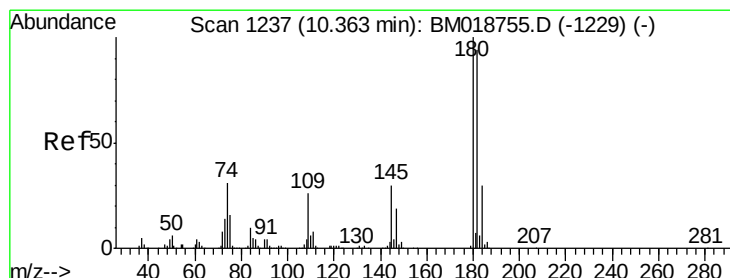
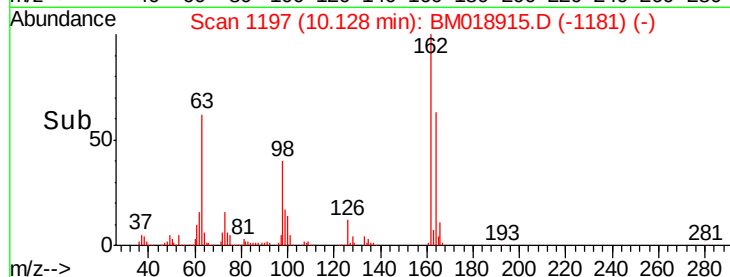
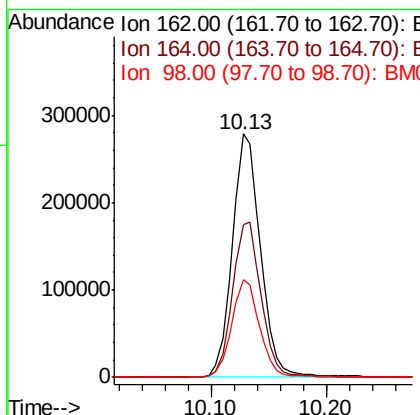
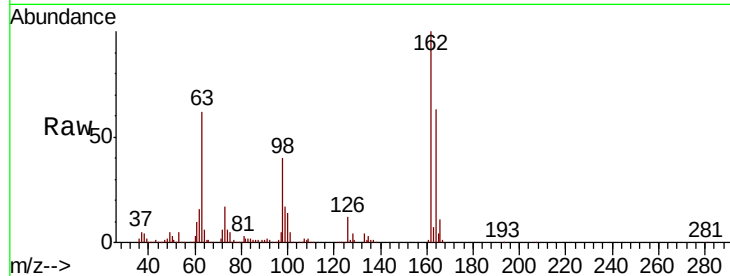




#29
 2,4-Dichlorophenol
 Concen: 41.098 ng
 RT: 10.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

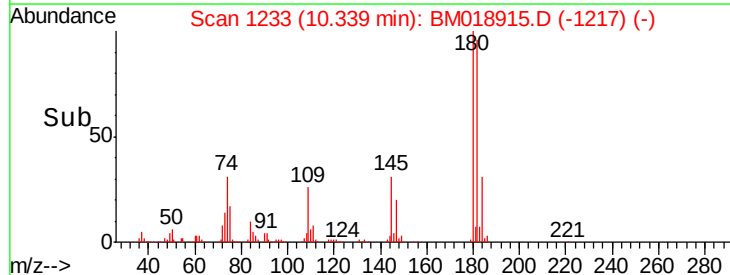
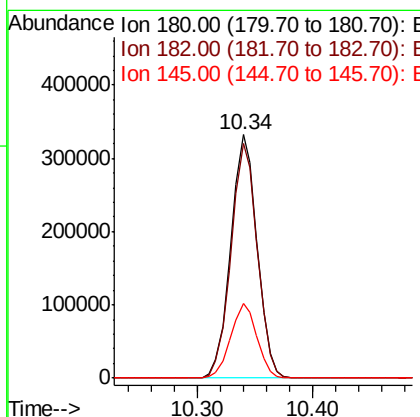
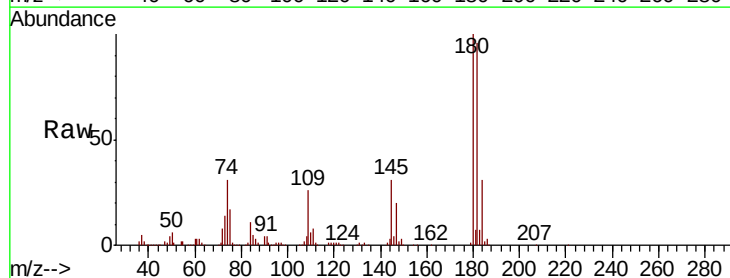
Instrument :
 BNA_M
 ClientSampleId :
 M-1MSD

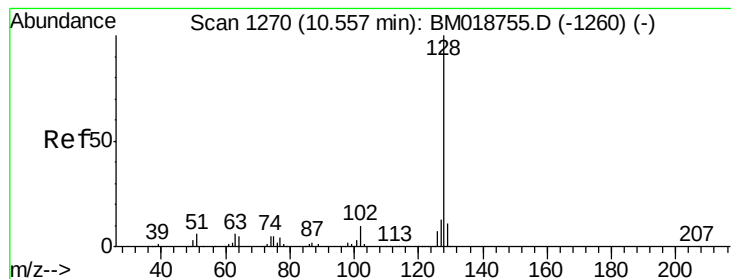
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.1	84.1
98	40.1	19.4	59.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.561 ng
 RT: 10.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.0	112.6
145	30.8	24.1	36.1





#31

Naphthalene

Concen: 42.600 ng

RT: 10.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

M-1MSD

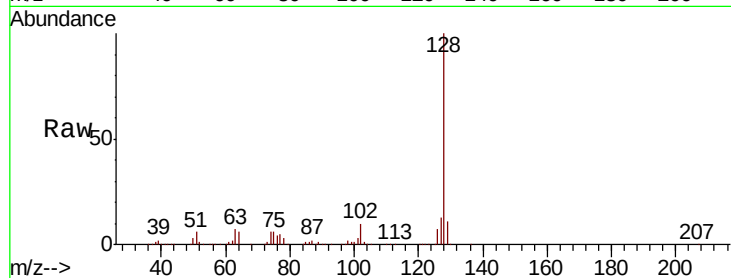
Tot Ion:128 Resp: 1591270

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 13.3 10.7 16.1

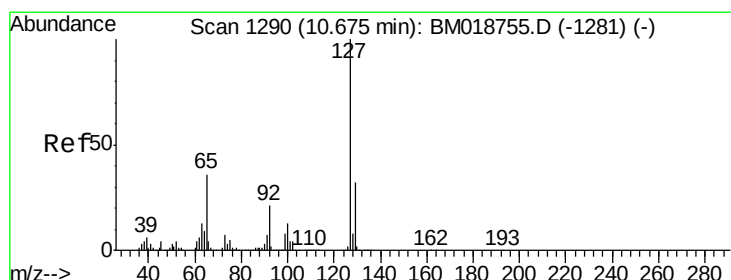
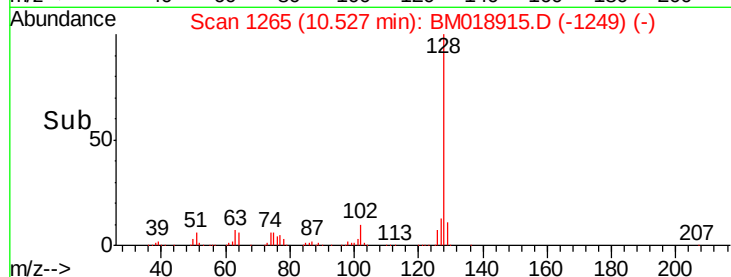
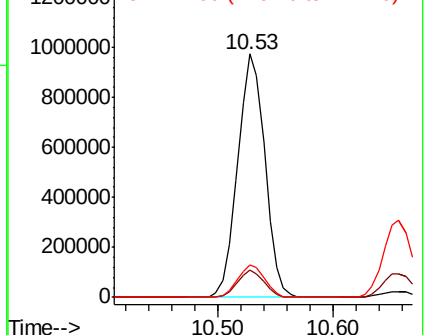


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 33.816 ng

RT: 10.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Tgt Ion:127 Resp: 564656

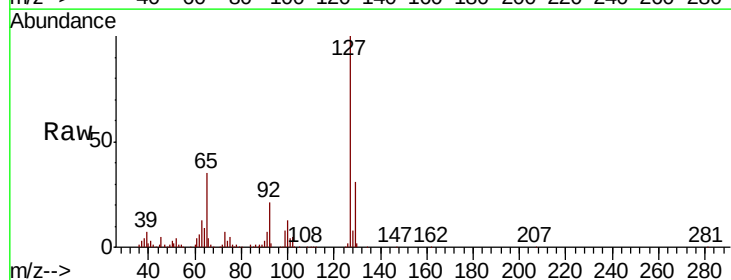
Ion Ratio Lower Upper

127 100

129 30.9 25.7 38.5

65 35.2 28.7 43.1

92 21.1 17.0 25.4



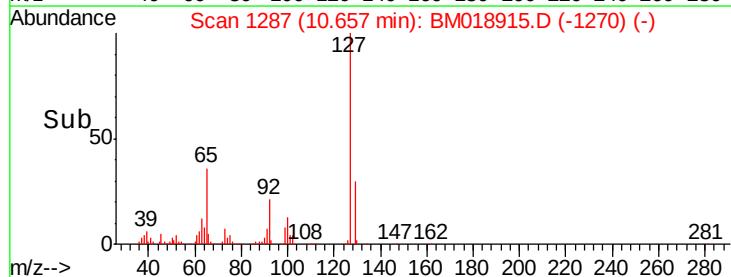
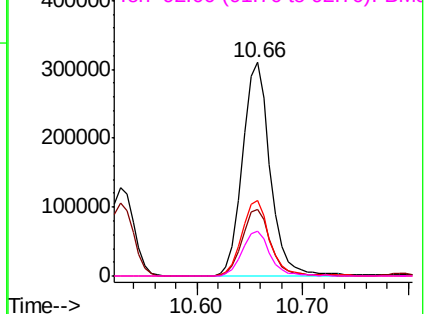
Abundance

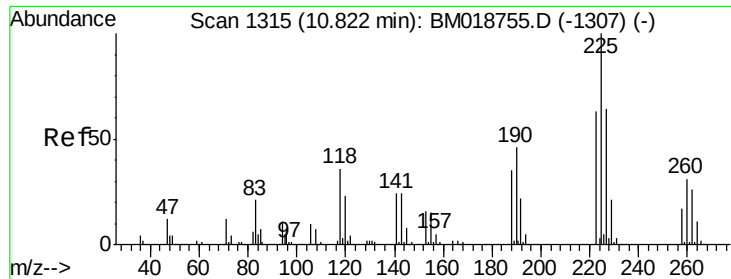
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

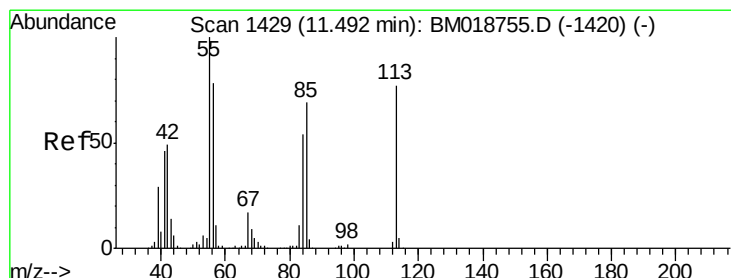
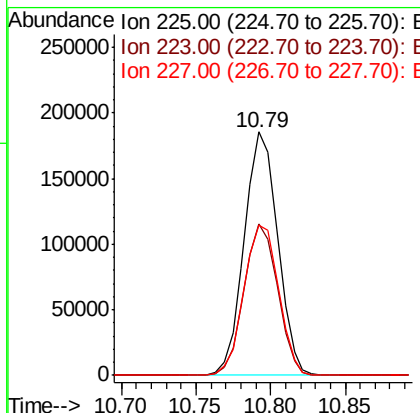
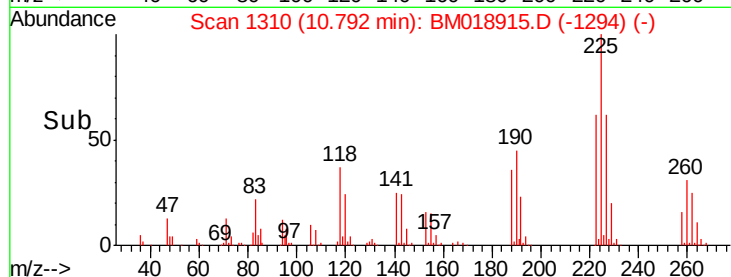
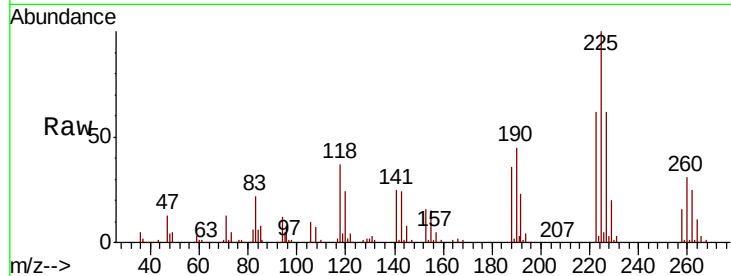




#34
Hexachlorobutadiene
Concen: 37.372 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

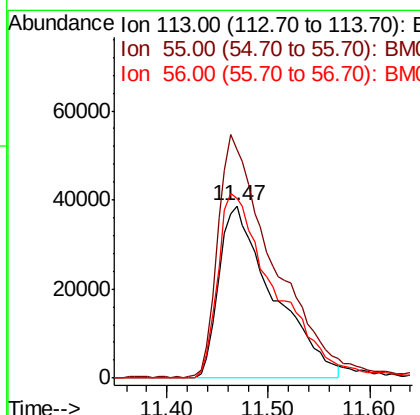
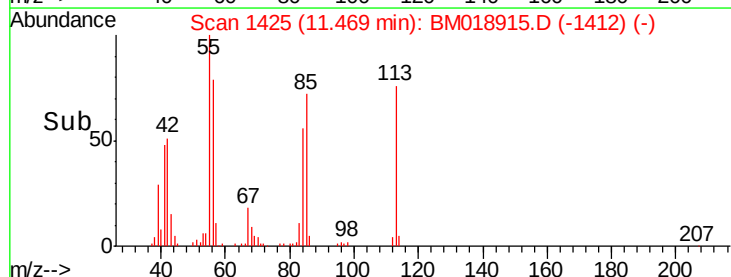
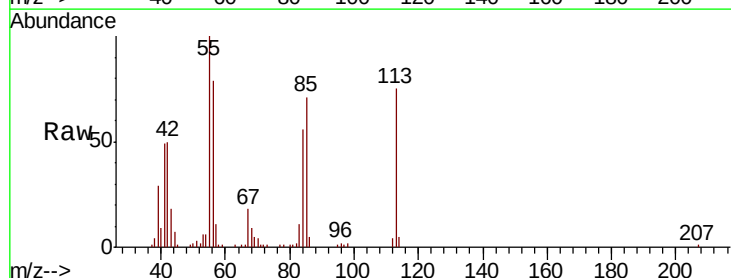
Instrument :
BNA_M
ClientSampleId :
M-1MSD

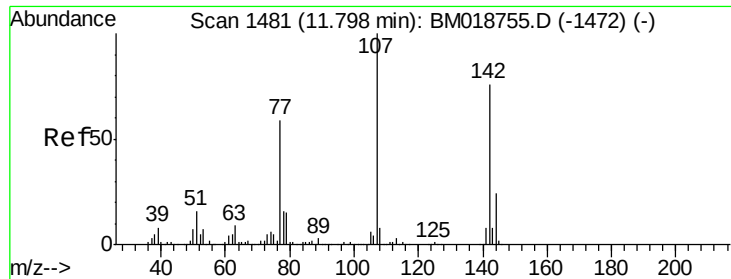
Tot Ion:225 Resp: 287673
Ion Ratio Lower Upper
225 100
223 62.4 50.1 75.1
227 61.9 51.4 77.0



#35
Caprolactam
Concen: 30.918 ng
RT: 11.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion:113 Resp: 144896
Ion Ratio Lower Upper
113 100
55 132.6 110.7 150.7
56 104.4 82.4 122.4

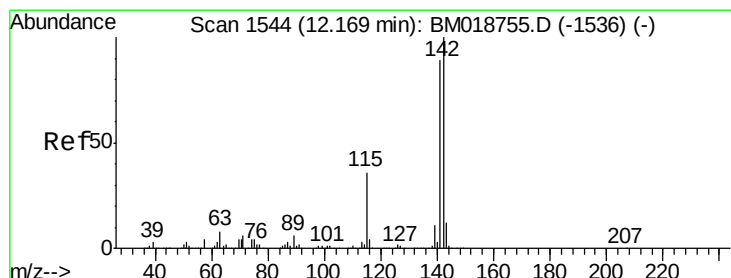
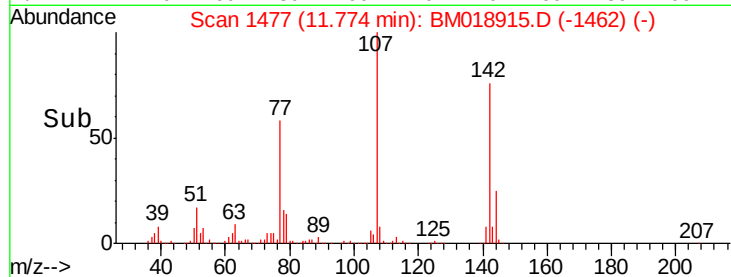
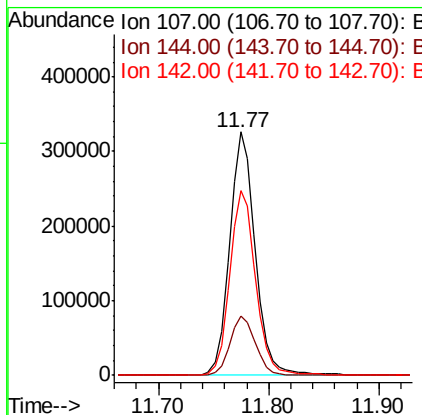
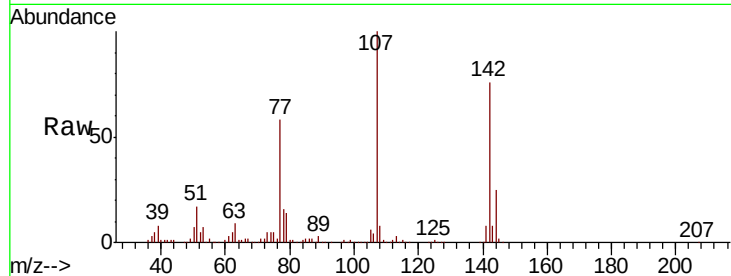




#36
 4-Chloro-3-methylphenol
 Concen: 38.234 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

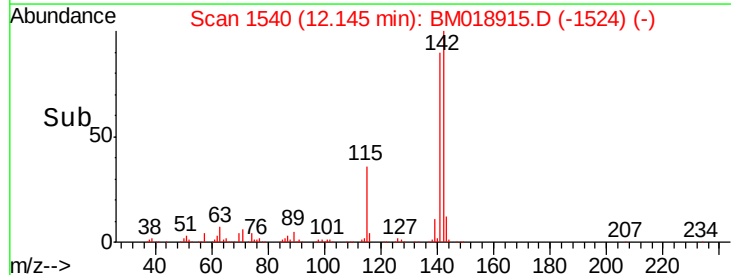
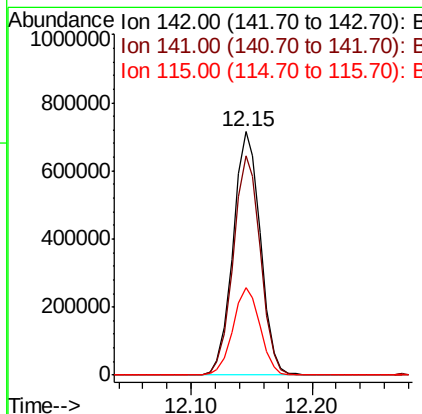
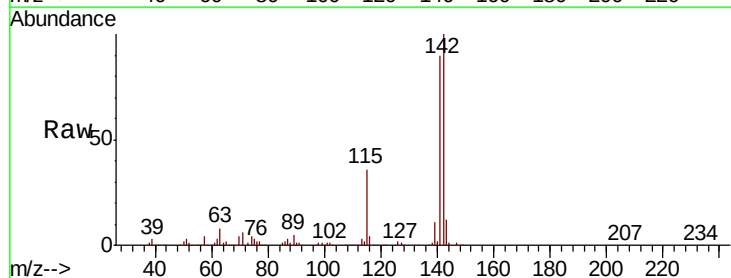
Instrument :
 BNA_M
 ClientSampleId :
 M-1MSD

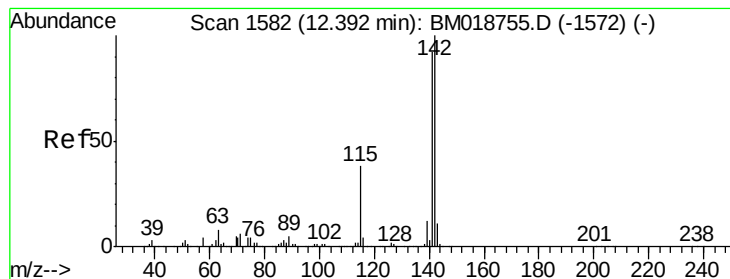
Tot Ion:107 Resp: 529347
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.3 28.9
 142 75.8 60.5 90.7



#37
 2-Methylnaphthalene
 Concen: 42.919 ng
 RT: 12.15 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

Tgt Ion:142 Resp: 1128749
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.2 106.8
 115 35.9 29.1 43.7





#38

1-Methylnaphthalene

Concen: 41.716 ng

RT: 12.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

M-1MSD

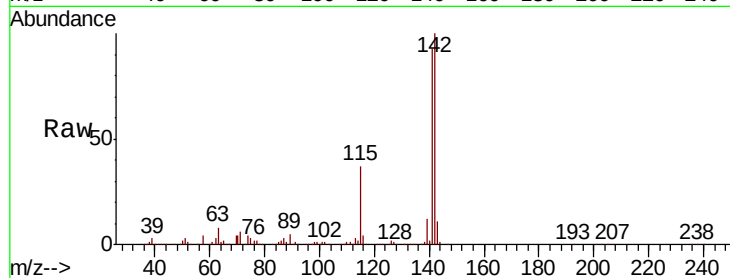
Tot Ion:142 Resp: 1072825

Ion Ratio Lower Upper

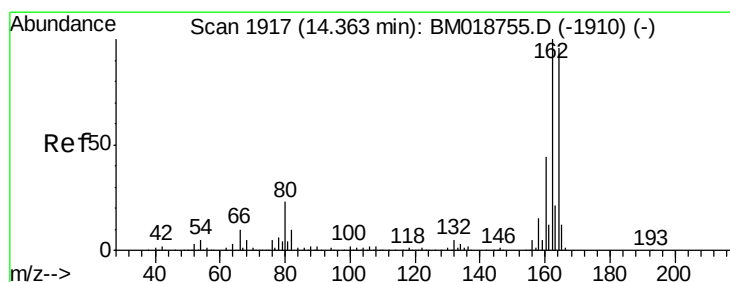
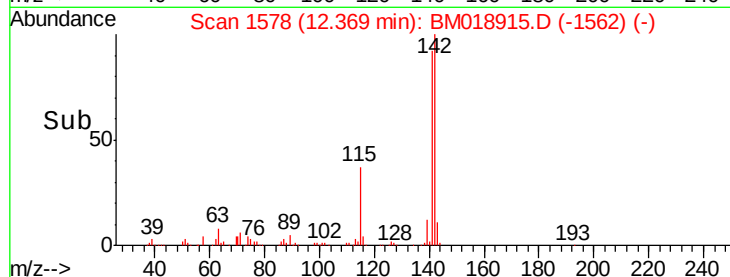
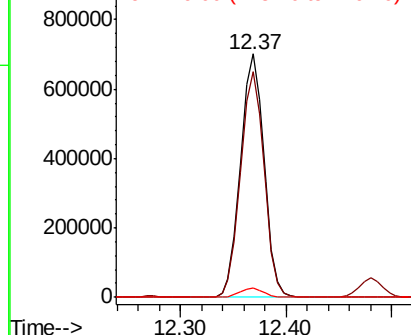
142 100

141 92.6 73.9 110.9

116 3.9 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.34 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

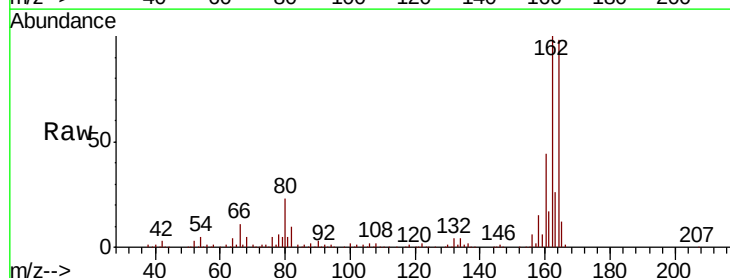
Tgt Ion:164 Resp: 400666

Ion Ratio Lower Upper

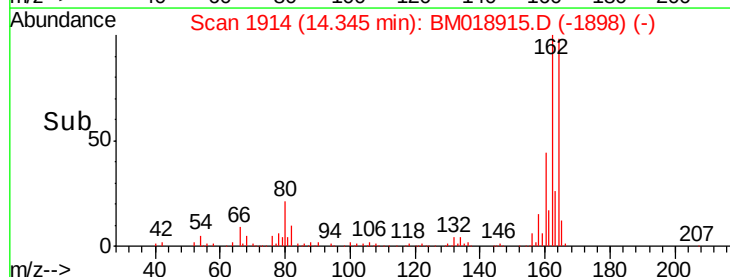
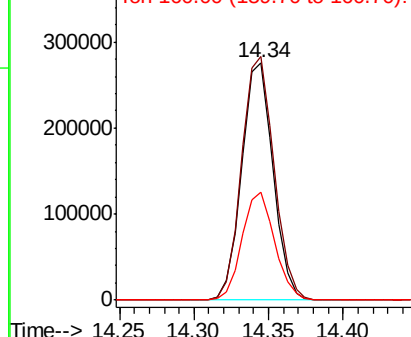
164 100

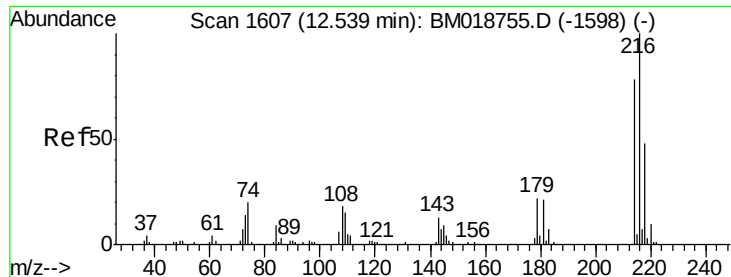
162 102.4 83.4 125.0

160 45.4 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

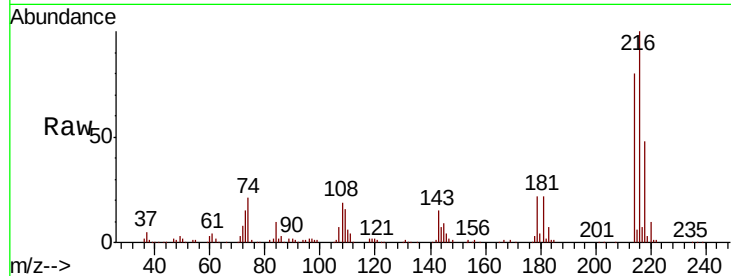




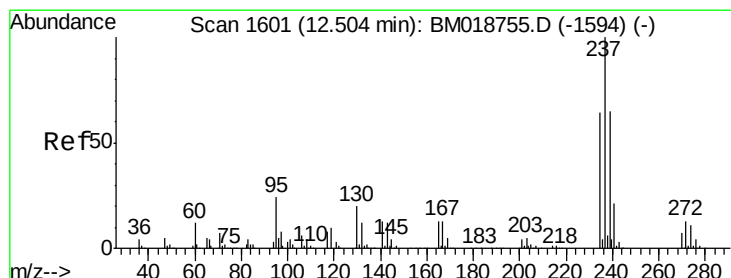
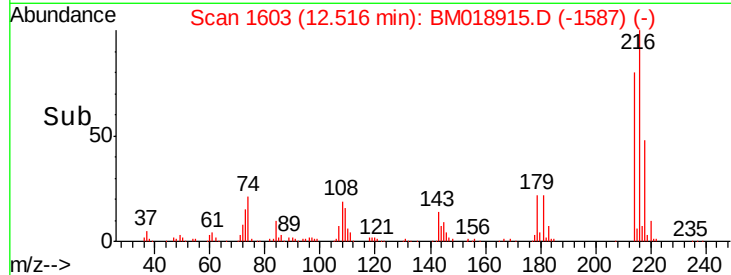
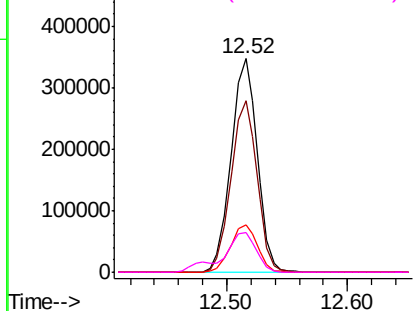
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.000 ng
 RT: 12.52 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

Instrument :
 BNA_M
 ClientSampled :
 M-1MSD

Tot Ion:	216	Resp:	525501
Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.2	94.8
179	22.7	17.8	26.8
108	23.5	16.4	24.6

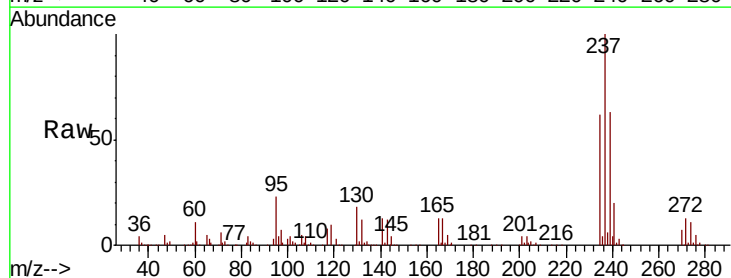


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

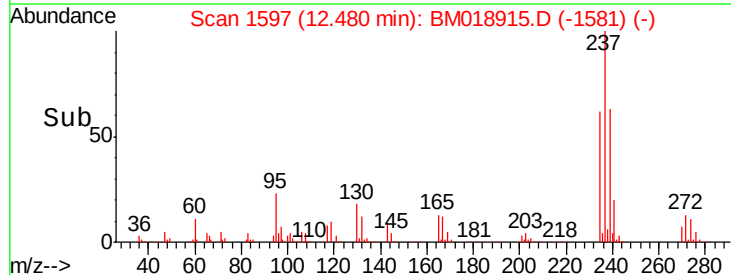
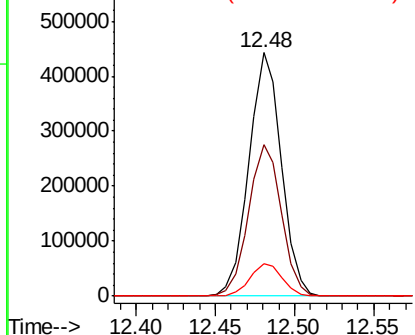


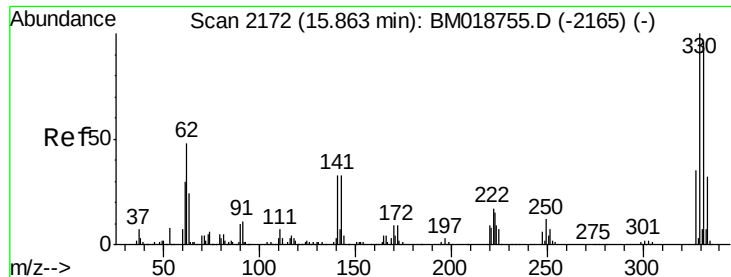
#41
 Hexachlorocyclopentadiene
 Concen: 96.201 ng
 RT: 12.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

Tgt Ion:	237	Resp:	630402
Ion	Ratio	Lower	Upper
237	100		
235	62.1	43.7	83.7
272	13.4	0.0	33.3



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





#42

2,4,6-Tribromophenol

Concen: 129.917 ng

RT: 15.84 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

M-1MSD

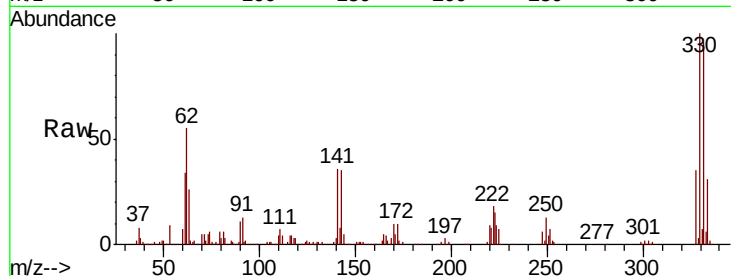
Tot Ion:330 Resp: 750335

Ion Ratio Lower Upper

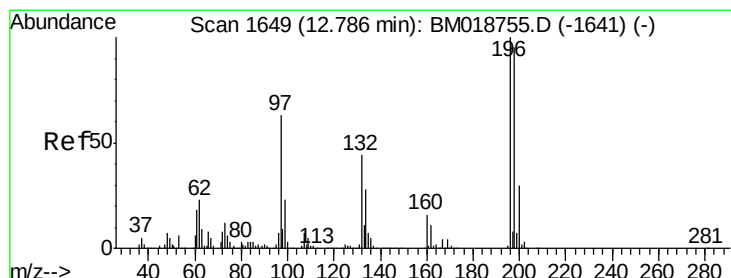
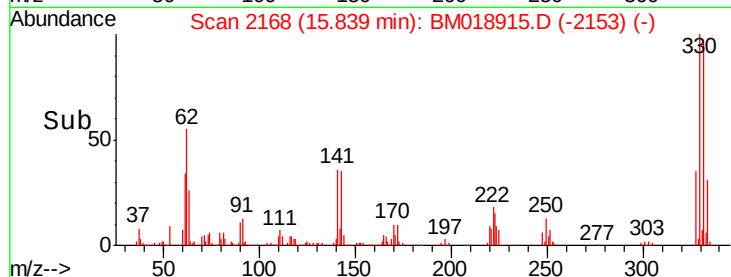
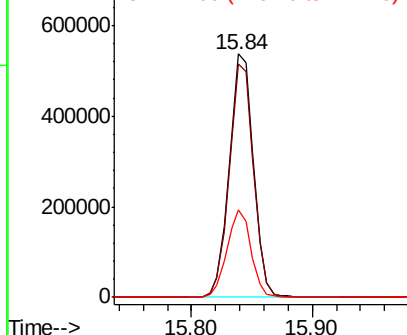
330 100

332 96.0 76.9 115.3

141 35.7 28.7 43.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 42.762 ng

RT: 12.76 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

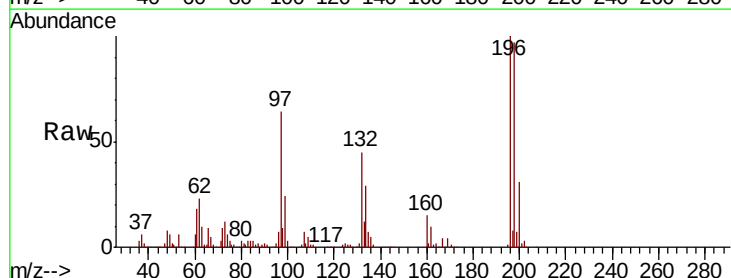
Tgt Ion:196 Resp: 362831

Ion Ratio Lower Upper

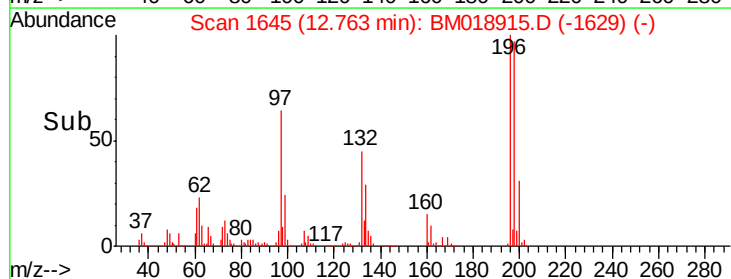
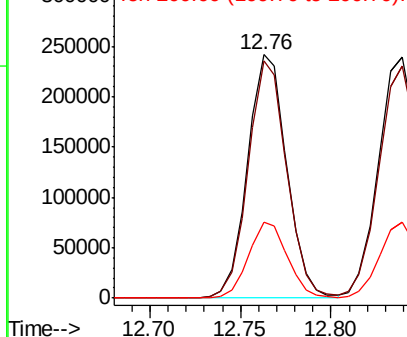
196 100

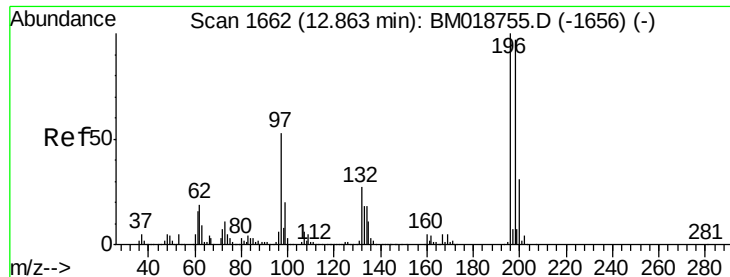
198 97.2 76.2 114.2

200 30.9 24.2 36.2



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





#44

2,4,5-Trichlorophenol

Concen: 42.960 ng

RT: 12.84 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

M-1MSD

Tot Ion:196 Resp: 382055

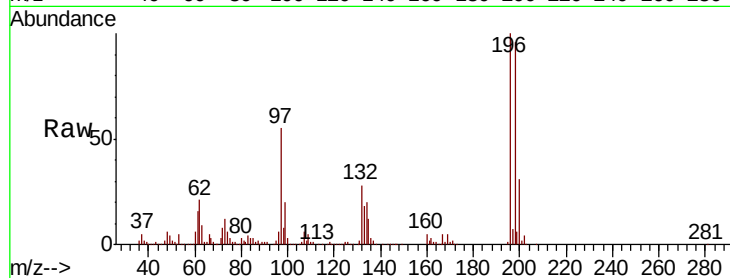
Ion Ratio Lower Upper

196 100

198 96.3 77.6 116.4

97 55.0 42.8 64.2

132 27.8 21.8 32.8

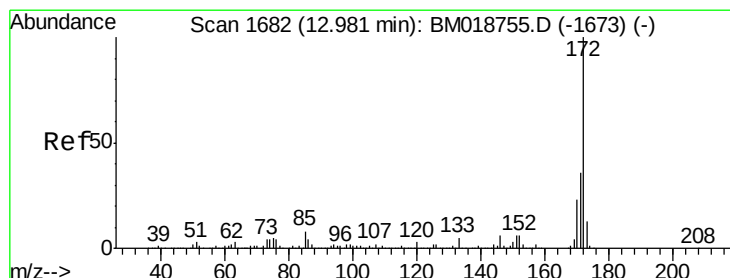
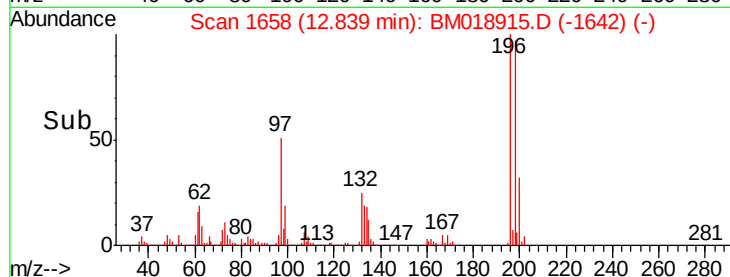
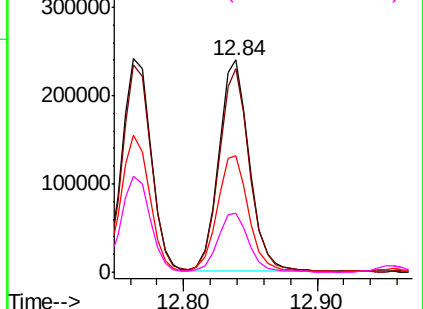


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 80.954 ng

RT: 12.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

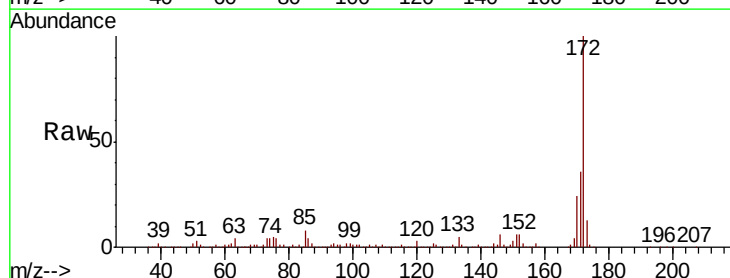
Tgt Ion:172 Resp: 2443393

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

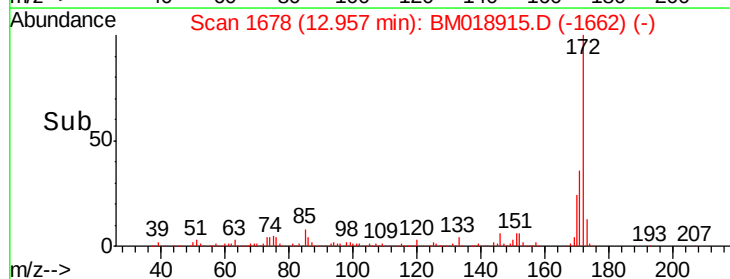
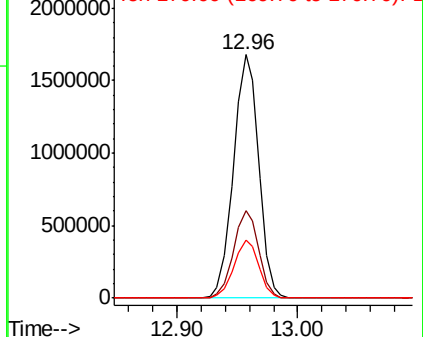
170 23.7 18.6 28.0

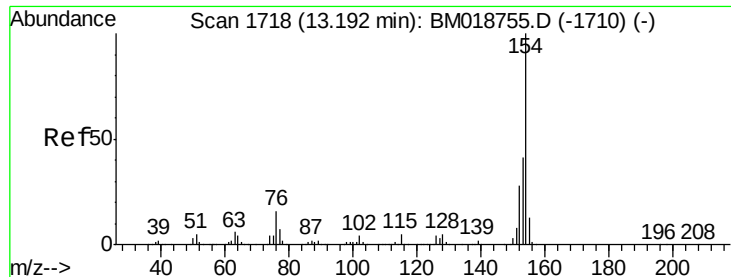


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 40.565 ng

RT: 13.17 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

M-1MSD

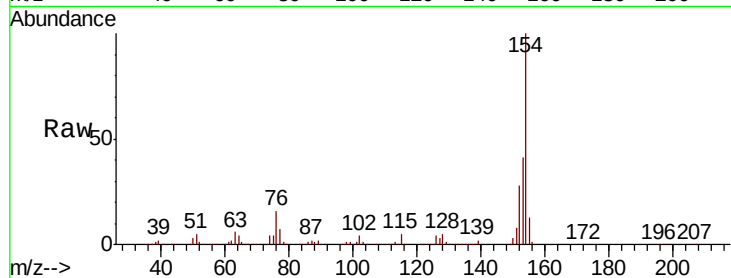
Tot Ion:154 Resp: 1399013

Ion Ratio Lower Upper

154 100

153 40.9 21.1 61.1

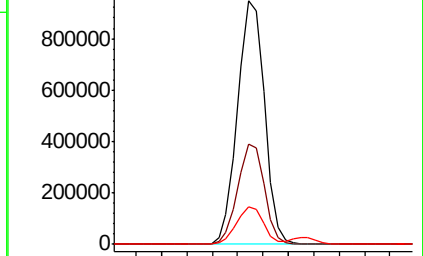
76 15.5 0.0 35.7



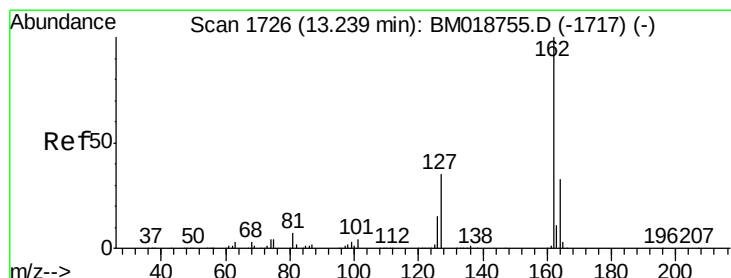
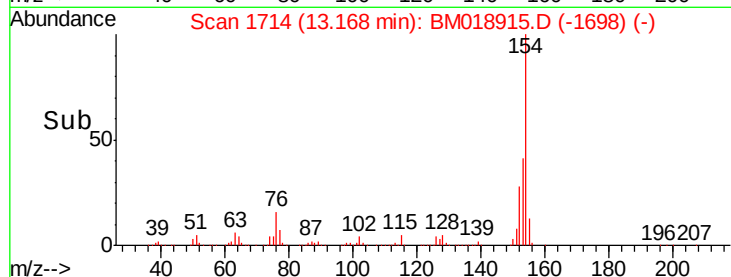
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



Time--> 13.10 13.20



#47

2-Chloronaphthalene

Concen: 40.985 ng

RT: 13.22 min Scan# 1722

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

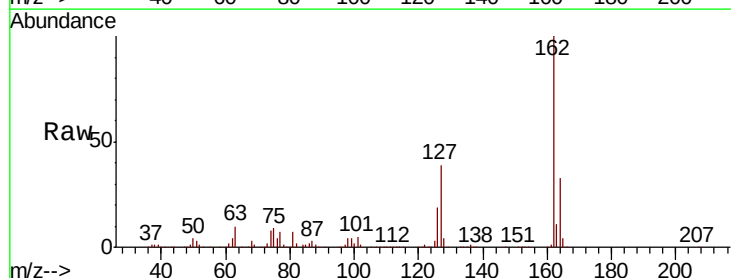
Tgt Ion:162 Resp: 1091763

Ion Ratio Lower Upper

162 100

127 38.9 31.1 46.7

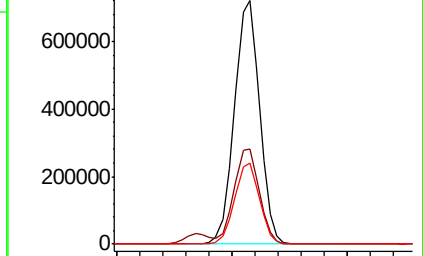
164 33.0 26.4 39.6



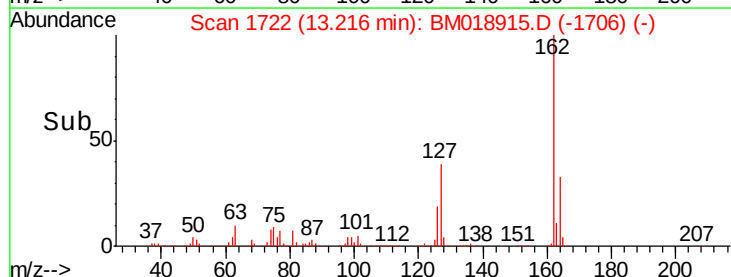
Abundance Ion 162.00 (161.70 to 162.70): E

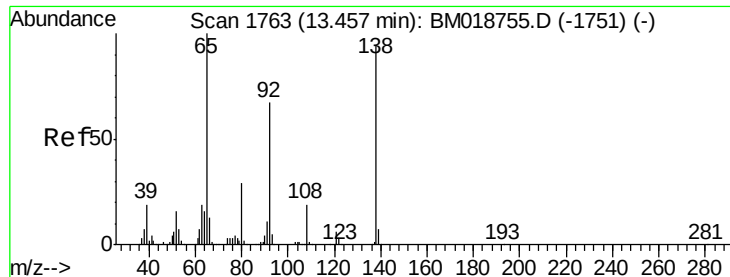
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 13.10 13.20 13.30

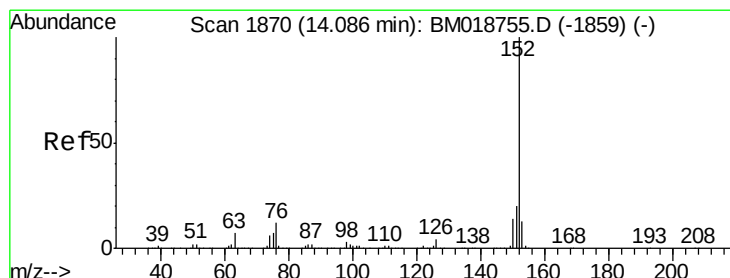
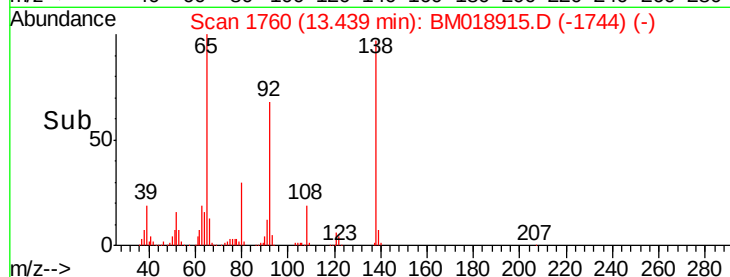
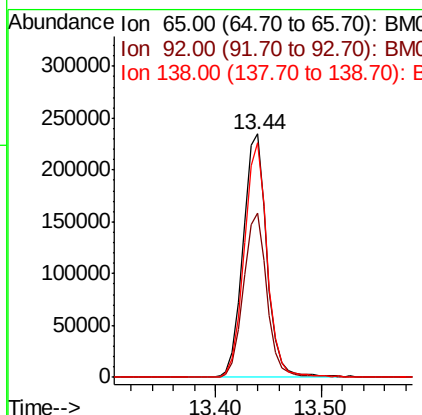
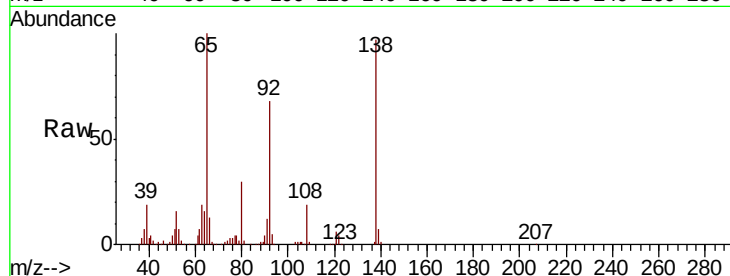




#48
2-Nitroaniline
Concen: 41.266 ng
RT: 13.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

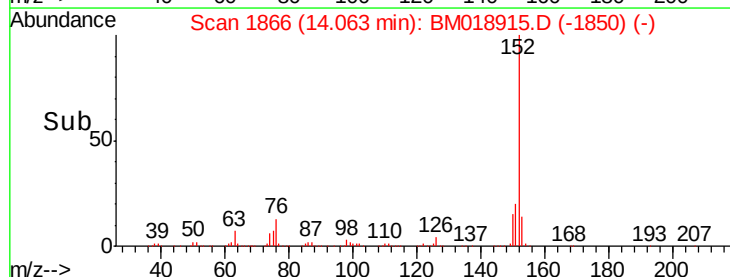
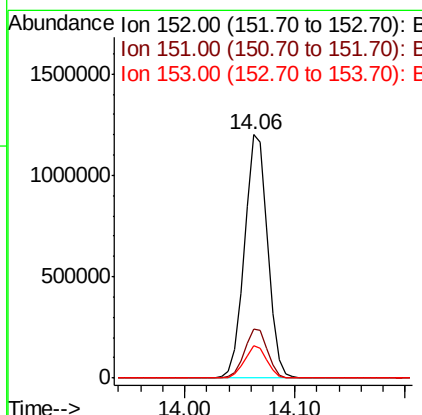
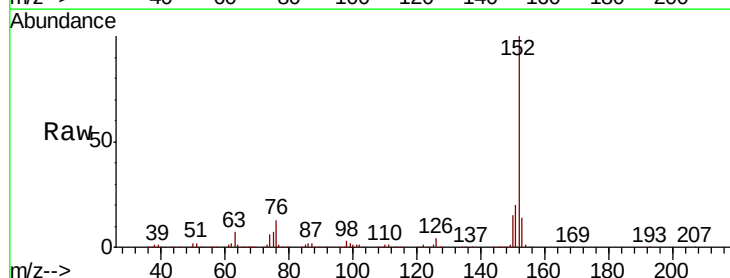
Instrument :
BNA_M
ClientSampleId :
M-1MSD

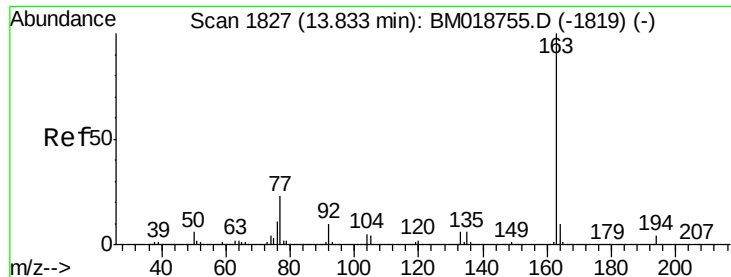
Tot Ion: 65 Resp: 365091
Ion Ratio Lower Upper
65 100
92 67.7 54.0 81.0
138 96.6 74.9 112.3



#49
Acenaphthylene
Concen: 44.633 ng
RT: 14.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion: 152 Resp: 1770360
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.5 10.5 15.7

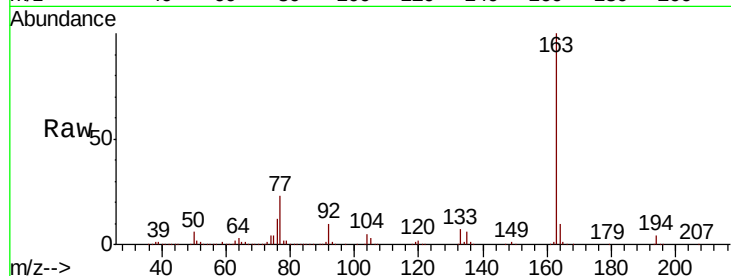




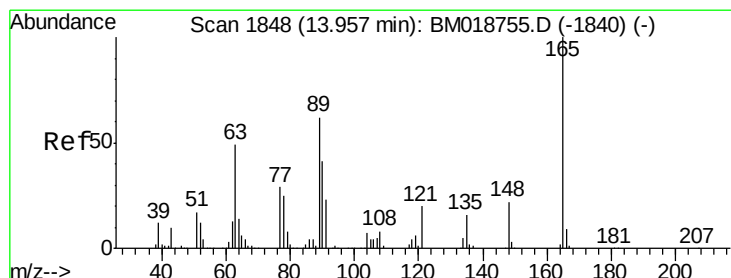
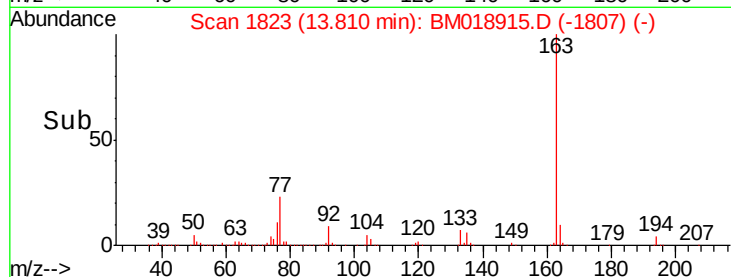
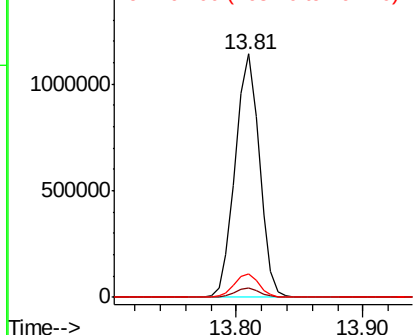
#50
Dimethylphthalate
Concen: 45.188 ng
RT: 13.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
M-1MSD

Tot Ion:163 Resp: 1508900
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.8 7.8 11.8

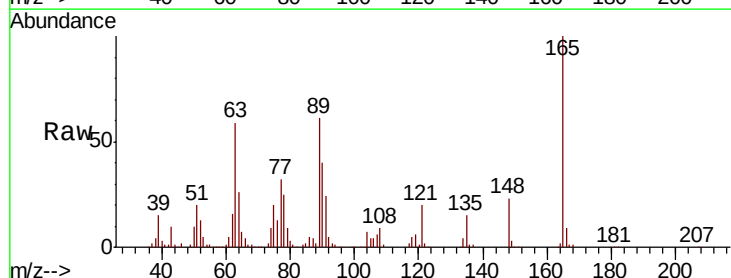


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

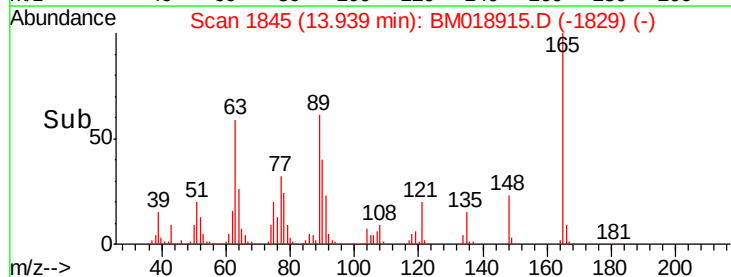
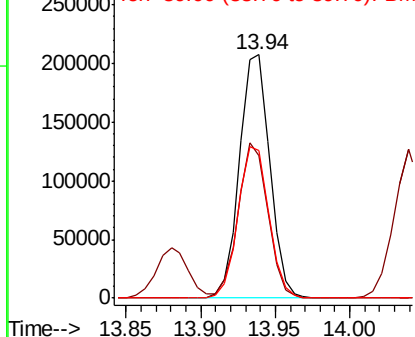


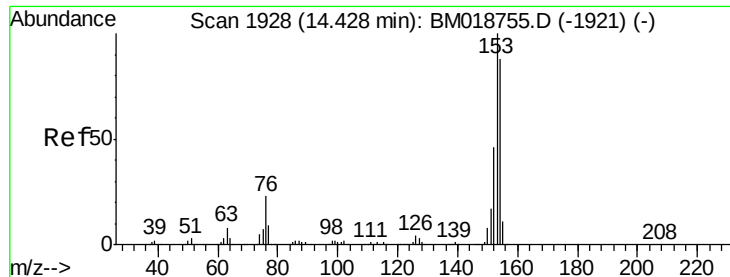
#51
2,6-Dinitrotoluene
Concen: 40.591 ng
RT: 13.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion:165 Resp: 293604
Ion Ratio Lower Upper
165 100
63 58.7 48.9 73.3
89 60.8 49.4 74.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





#52

Acenaphthene

Concen: 41.562 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampled :

M-1MSD

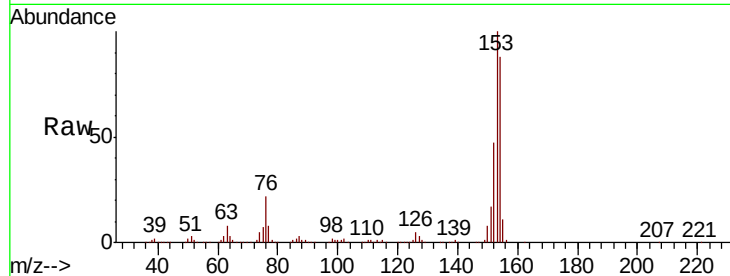
Tot Ion:154 Resp: 1010858

Ion Ratio Lower Upper

154 100

153 113.8 91.3 136.9

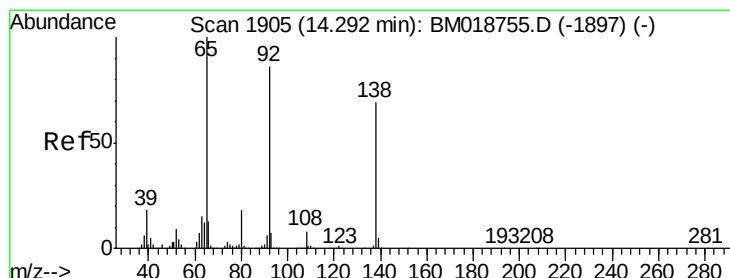
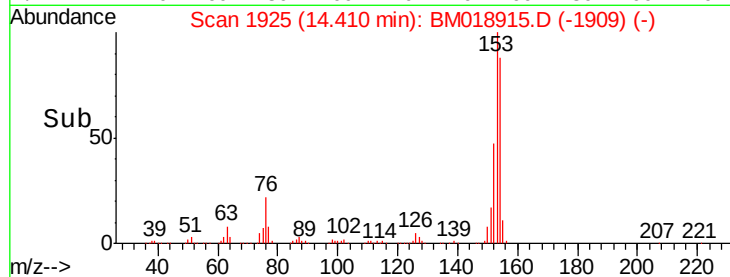
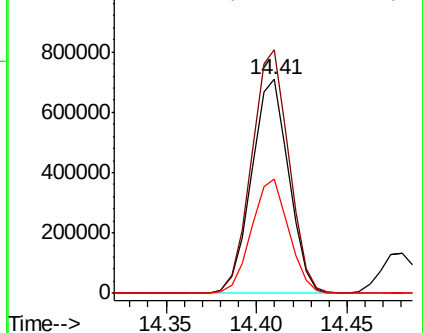
152 53.3 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 32.997 ng

RT: 14.27 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

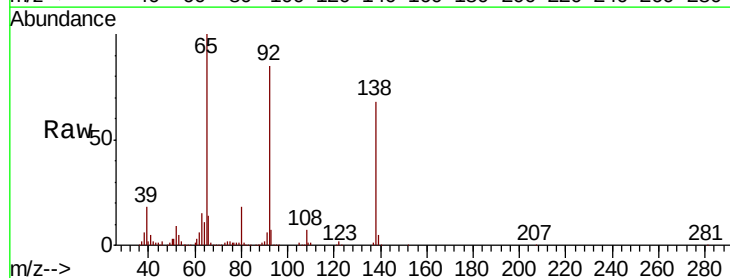
Tgt Ion:138 Resp: 269679

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

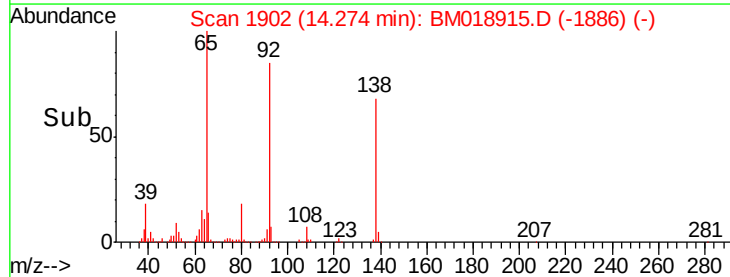
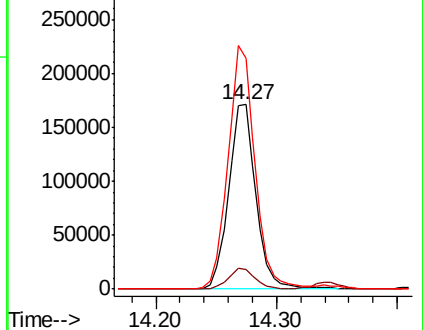
92 125.3 99.7 149.5

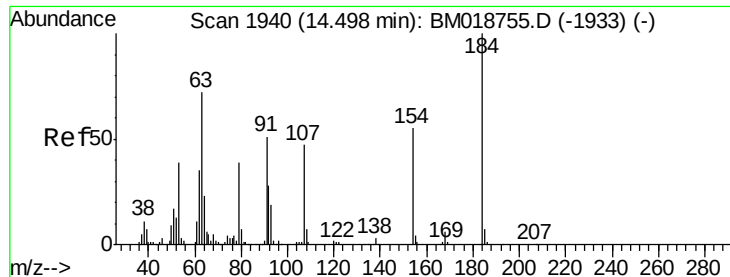


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

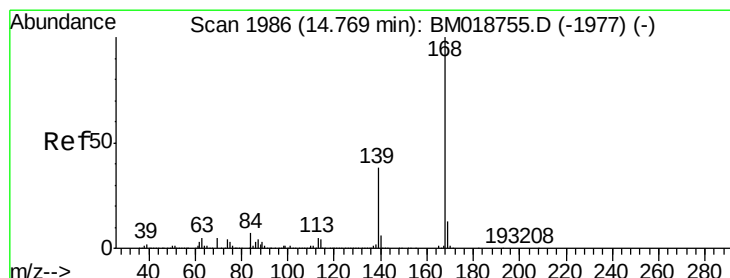
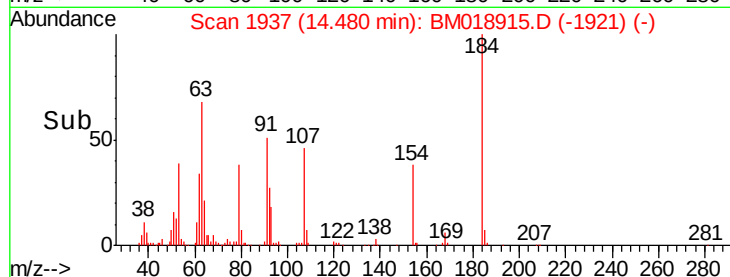
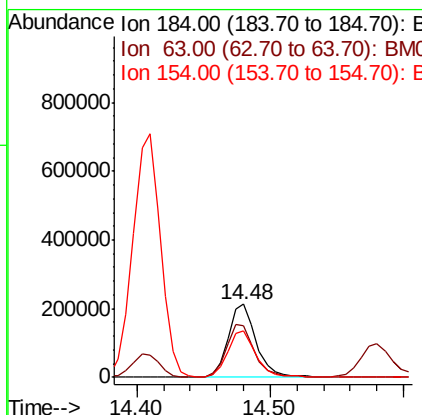
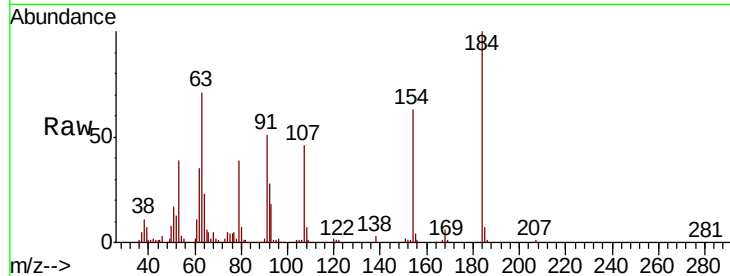




#54
2,4-Dinitrophenol
Concen: 69.340 ng
RT: 14.48 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

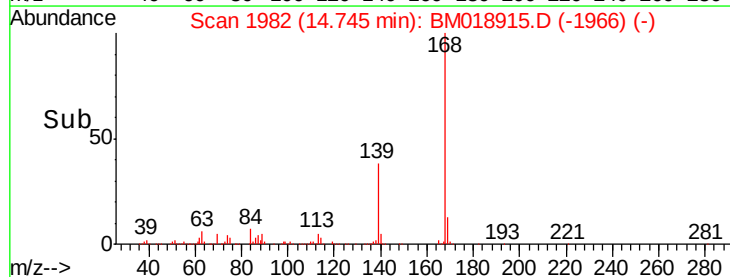
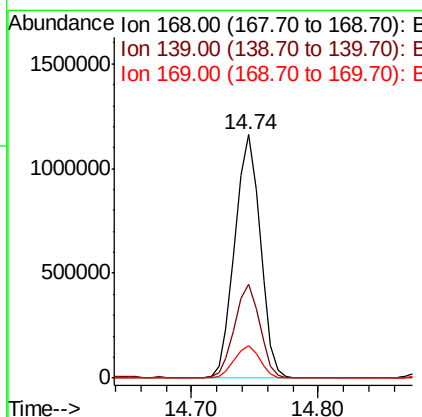
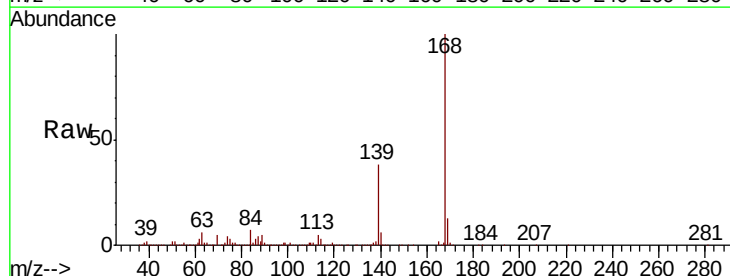
Instrument :
BNA_M
ClientSampleId :
M-1MSD

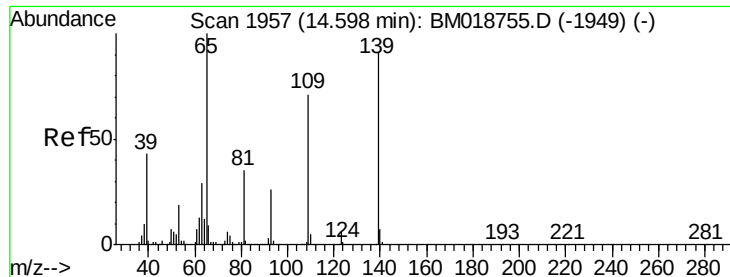
Tot Ion:184 Resp: 314453
Ion Ratio Lower Upper
184 100
63 71.5 58.0 87.0
154 63.3 50.3 75.5



#55
Dibenzofuran
Concen: 40.602 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion:168 Resp: 1623129
Ion Ratio Lower Upper
168 100
139 38.3 30.7 46.1
169 13.2 10.3 15.5





#56

4-Nitrophenol

Concen: 79.232 ng

RT: 14.58 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

M-1MSD

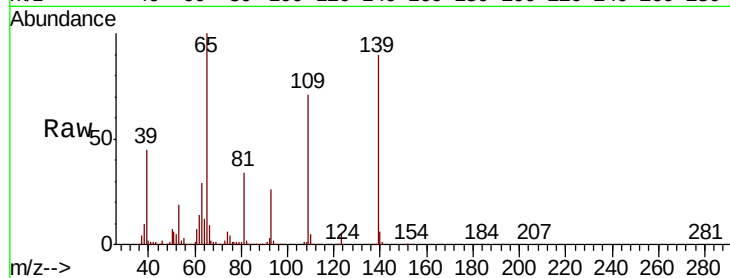
Tot Ion:139 Resp: 516926

Ion Ratio Lower Upper

139 100

109 78.6 58.4 98.4

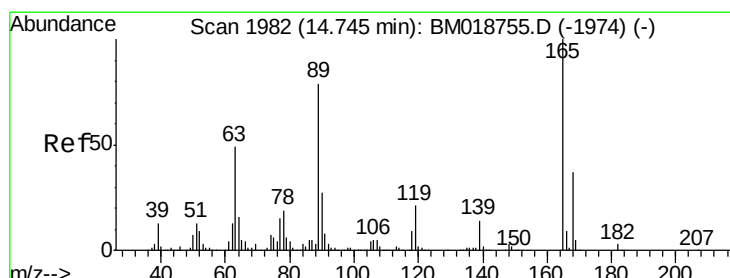
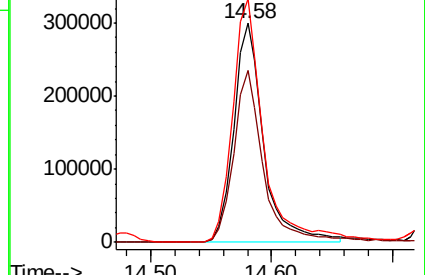
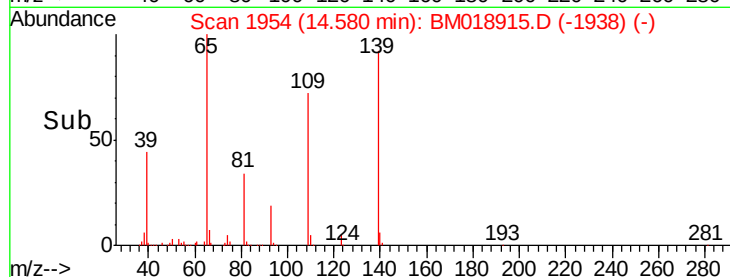
65 111.1 89.8 129.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#57

2,4-Dinitrotoluene

Concen: 41.582 ng

RT: 14.73 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Tgt Ion:165 Resp: 414409

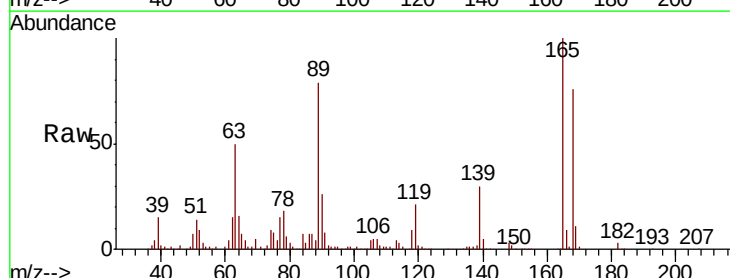
Ion Ratio Lower Upper

165 100

63 50.4 39.6 59.4

89 78.6 63.5 95.3

182 2.6 2.2 3.4

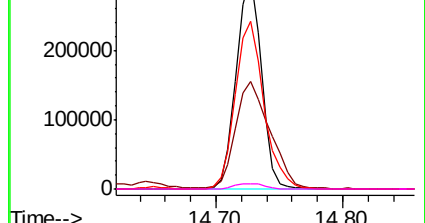
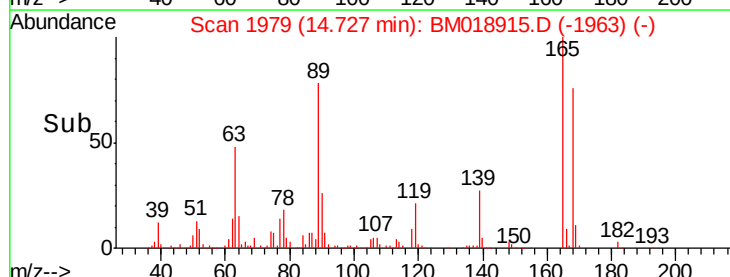


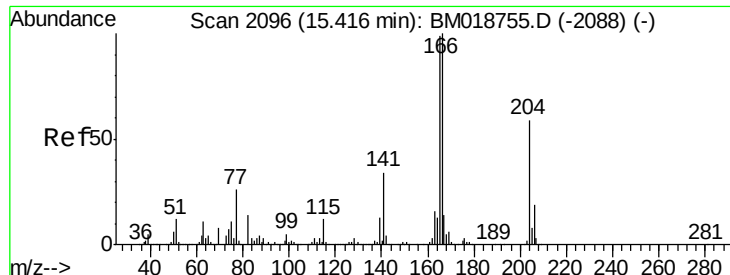
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E

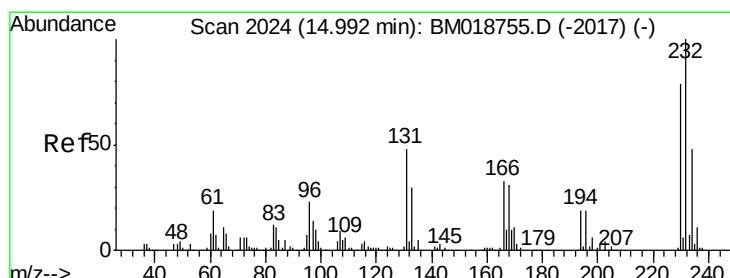
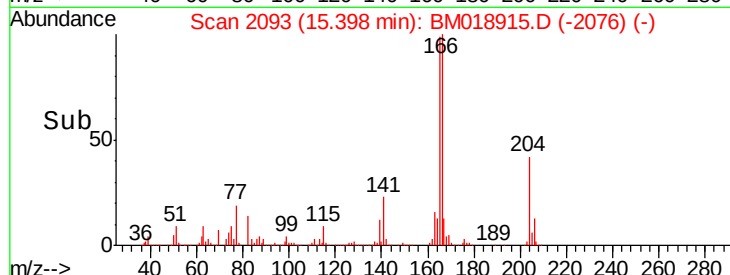
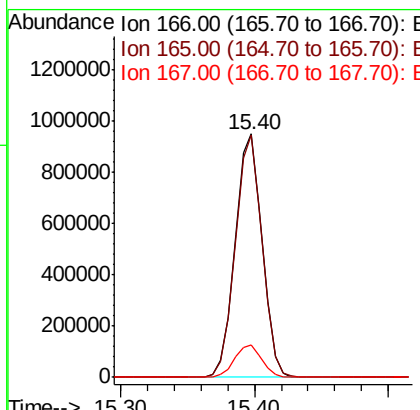
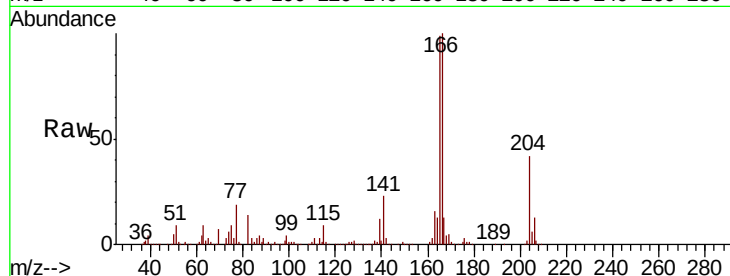




#58
 Fluorene
 Concen: 43.475 ng
 RT: 15.40 min Scan# 2093
 Delta R.T. -0.00 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

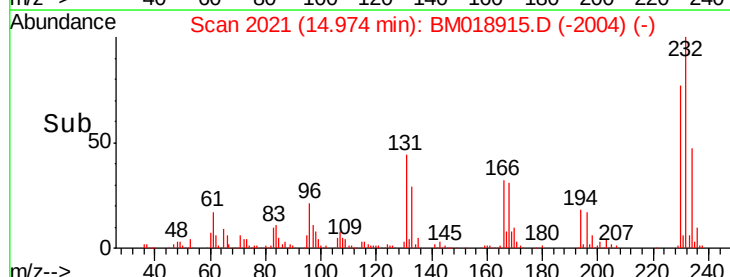
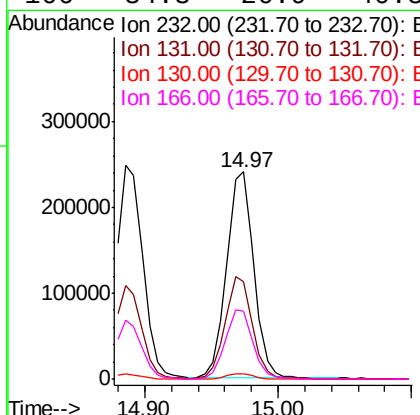
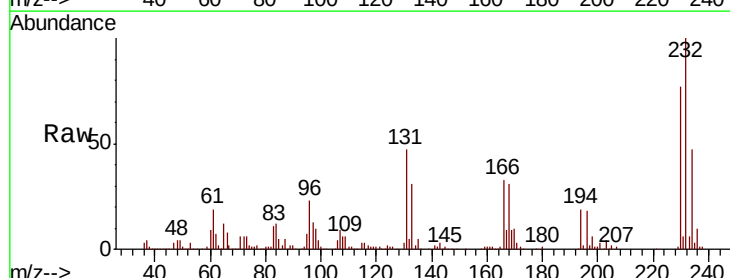
Instrument :
 BNA_M
 ClientSampleId :
 M-1MSD

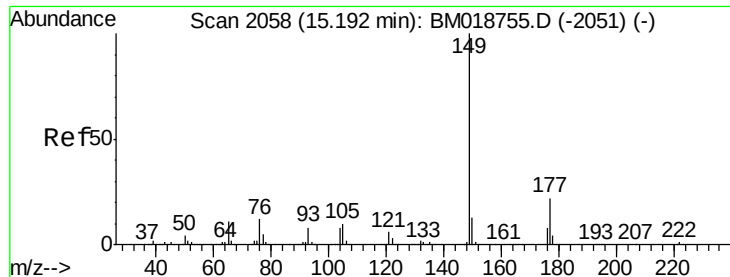
Tot Ion:166 Resp: 1329589
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.1 118.7
 167 13.4 11.0 16.4



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.755 ng
 RT: 14.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

Tgt Ion:232 Resp: 343947
 Ion Ratio Lower Upper
 232 100
 131 49.2 38.6 57.8
 130 2.6 2.0 3.0
 166 34.3 26.9 40.3

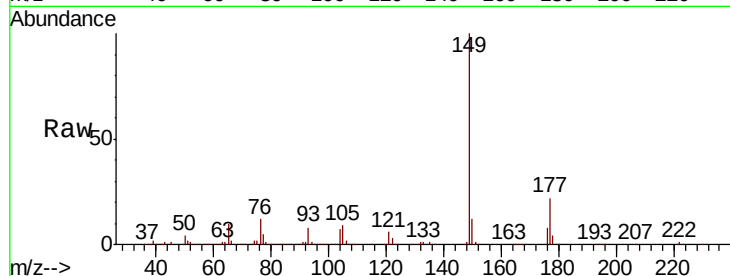




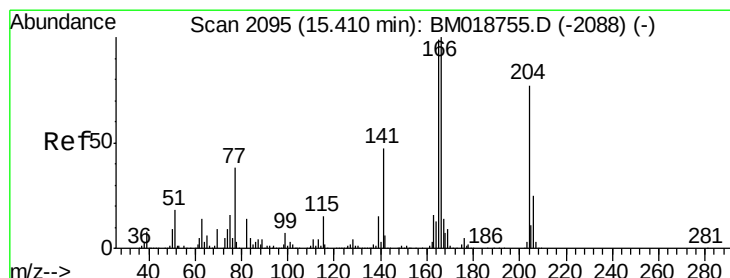
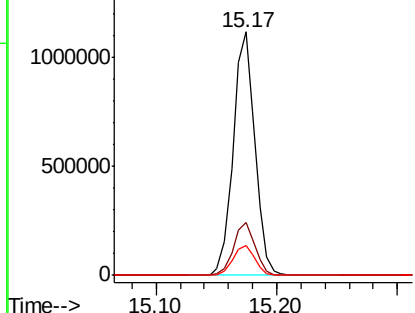
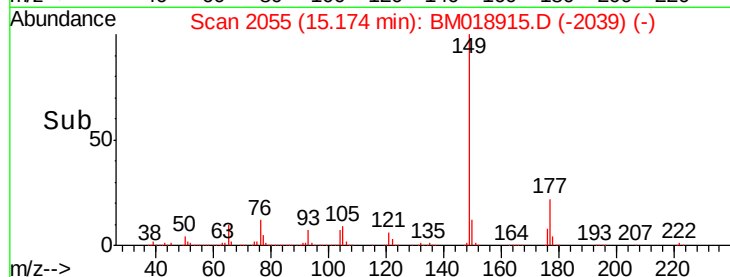
#60
Diethylphthalate
Concen: 40.472 ng
RT: 15.17 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampled :
M-1MSD

Tot Ion:149 Resp: 1394042
Ion Ratio Lower Upper
149 100
177 21.5 17.2 25.8
150 12.5 10.2 15.2

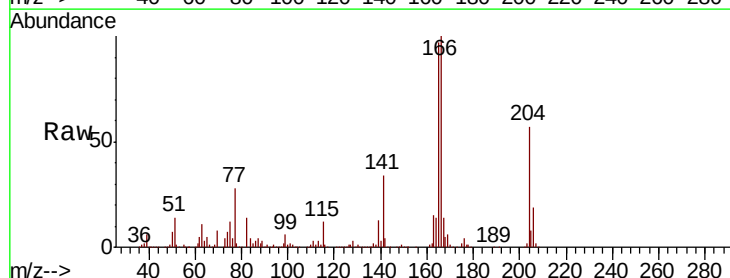


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

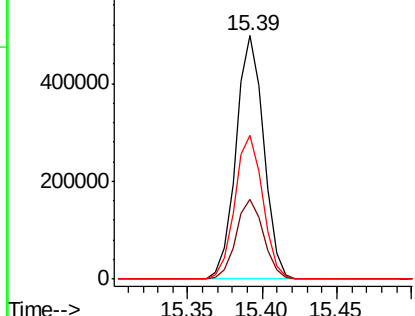
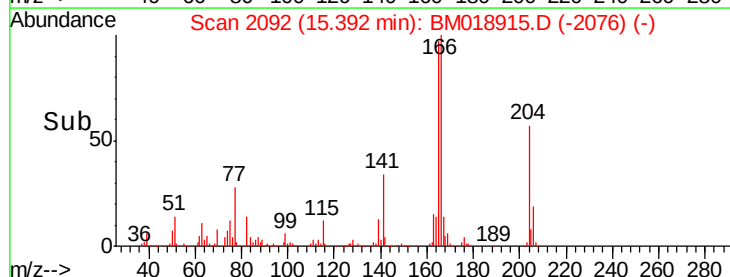


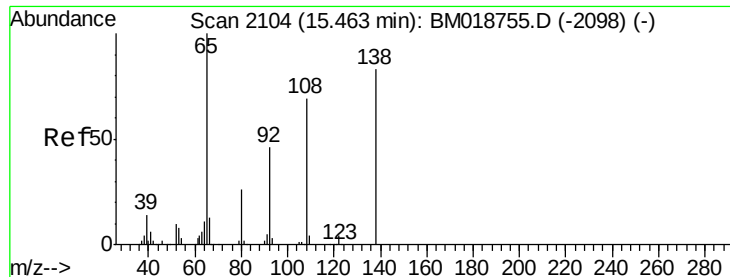
#61
4-Chlorophenyl-phenylether
Concen: 37.526 ng
RT: 15.39 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion:204 Resp: 643476
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 59.2 49.2 73.8



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





#62

4-Nitroaniline

Concen: 37.904 ng

RT: 15.44 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

M-1MSD

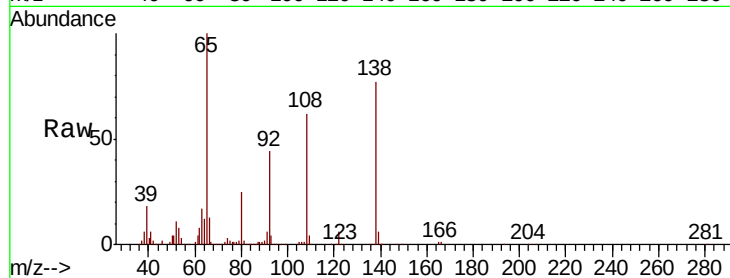
Tot Ion:138 Resp: 303704

Ion Ratio Lower Upper

138 100

92 56.6 35.5 75.5

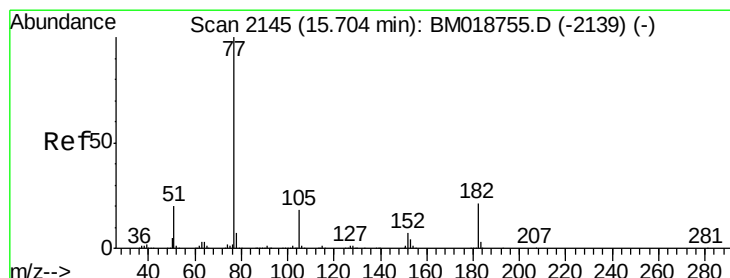
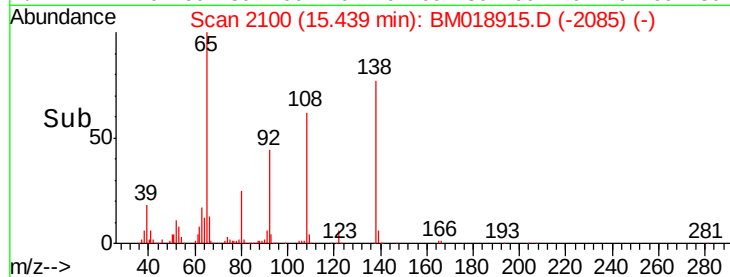
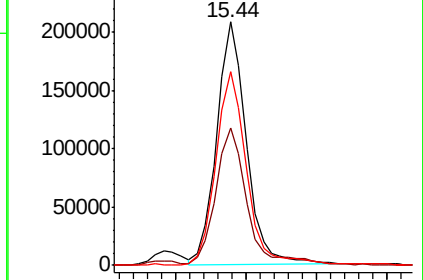
108 79.7 62.4 102.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 39.960 ng

RT: 15.69 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Tgt Ion: 77 Resp: 1475794

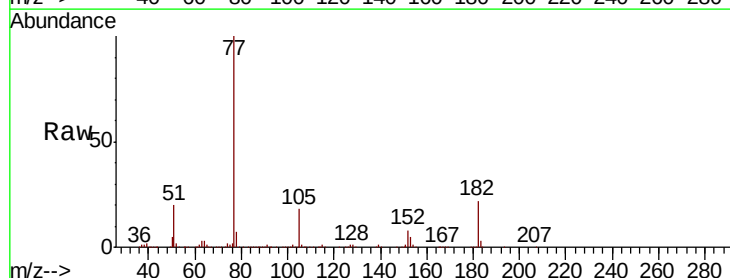
Ion Ratio Lower Upper

77 100

182 22.2 1.0 41.0

105 17.9 0.0 37.7

51 20.3 0.3 40.3

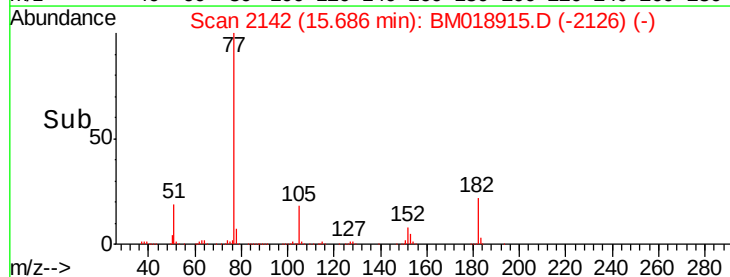
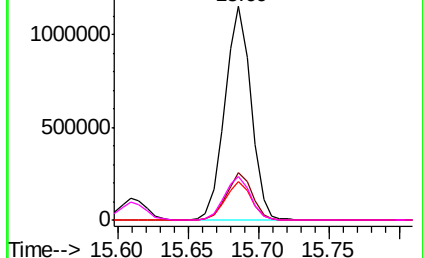


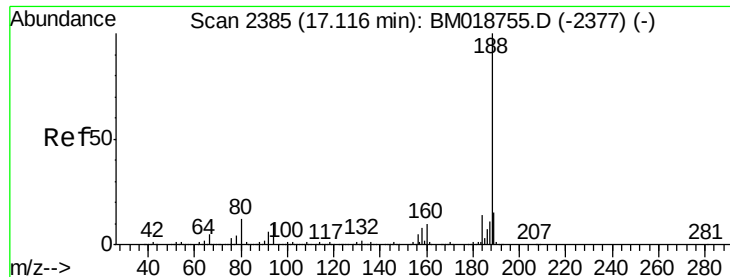
Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM

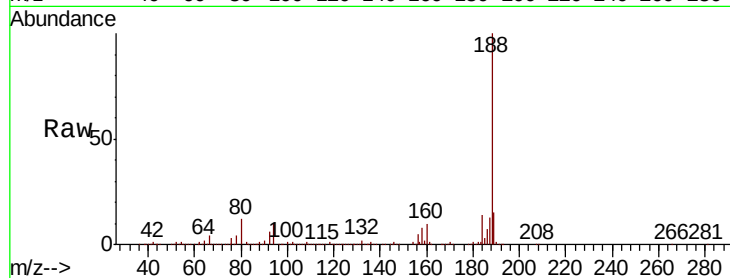




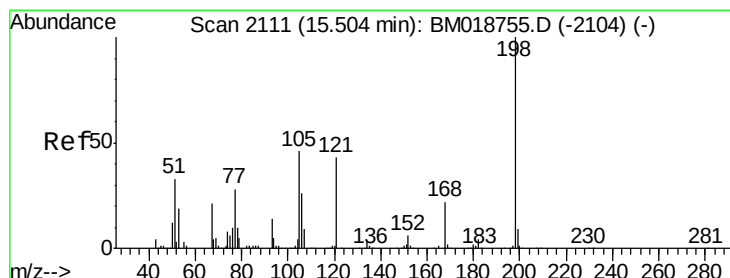
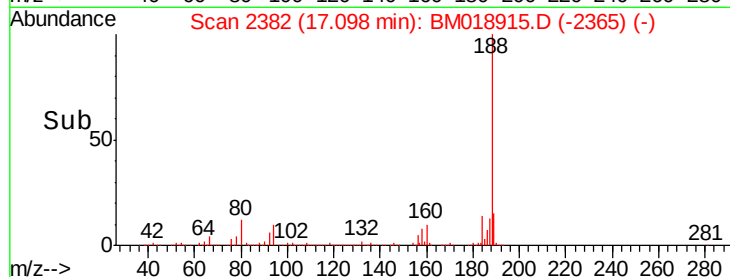
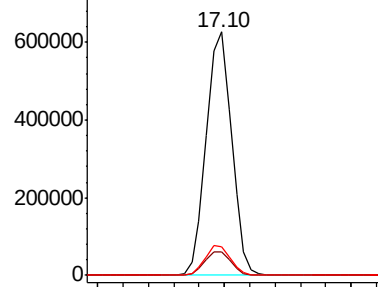
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
M-1MSD

Tot Ion:188 Resp: 871622
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 11.9 9.7 14.5

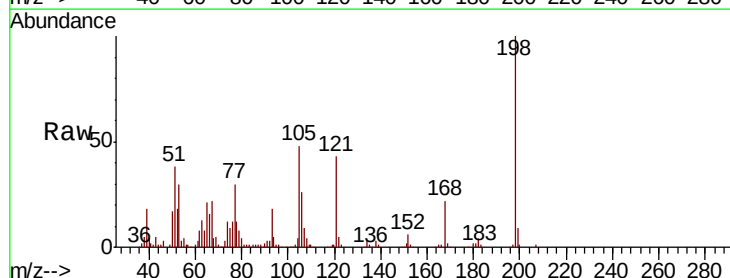


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

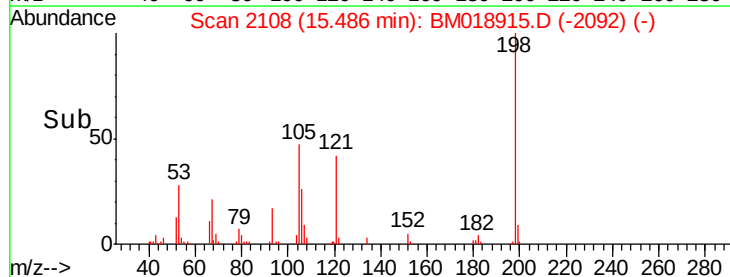
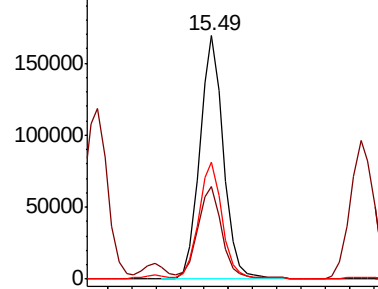


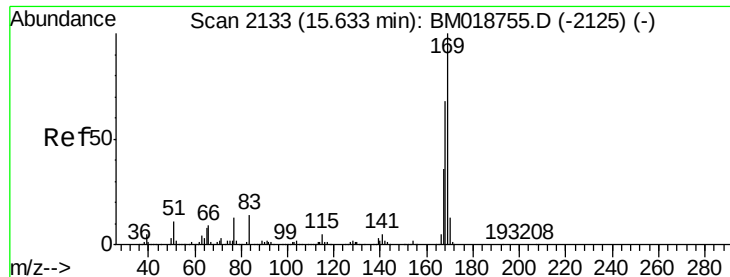
#65
4,6-Dinitro-2-methylphenol
Concen: 37.418 ng
RT: 15.49 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion:198 Resp: 228990
Ion Ratio Lower Upper
198 100
51 37.8 18.4 58.4
105 47.8 27.2 67.2



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E

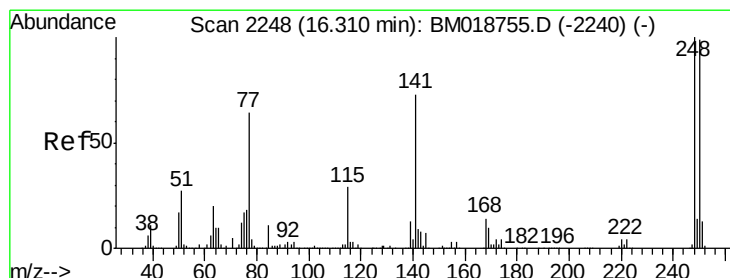
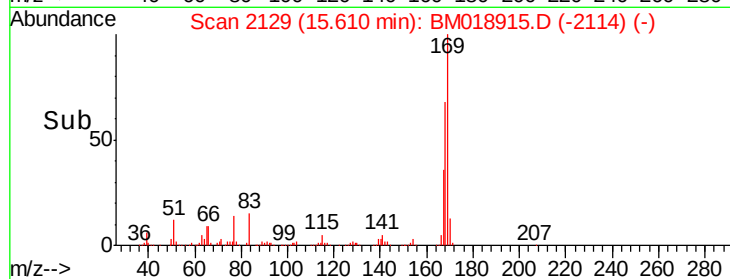
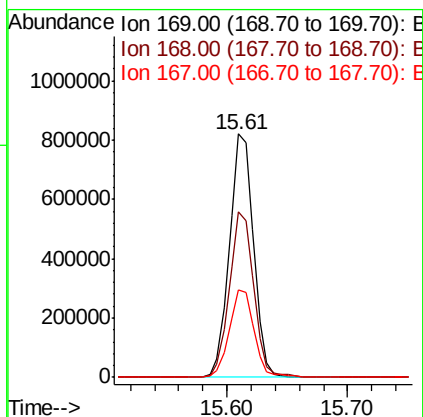
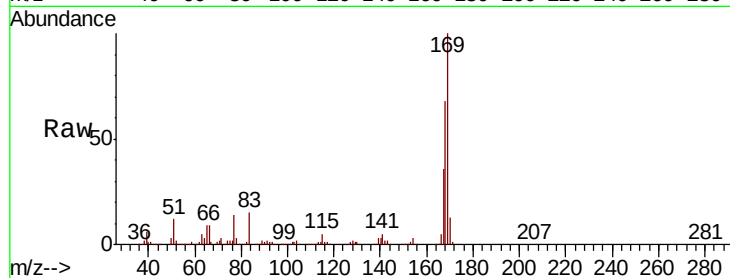




#66
 n-Nitrosodiphenylamine
 Concen: 41.387 ng
 RT: 15.61 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

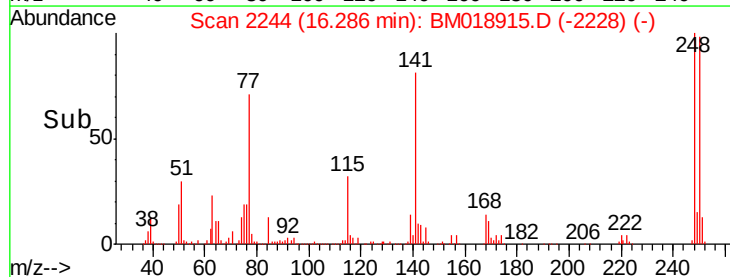
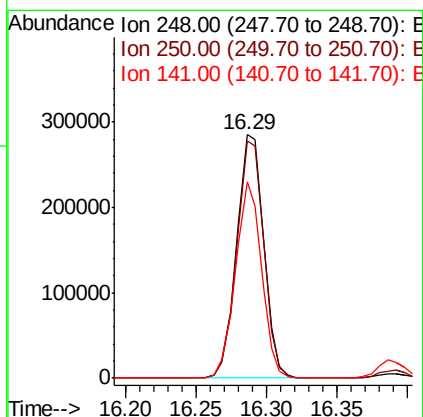
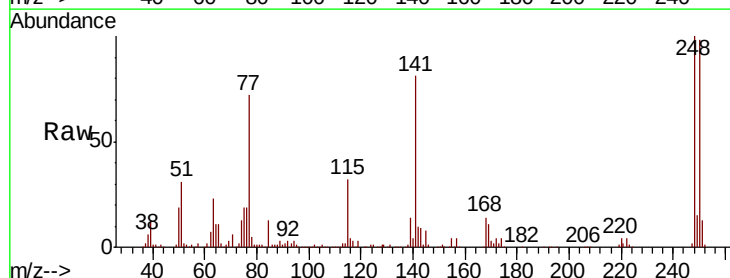
Instrument :
 BNA_M
 ClientSampleId :
 M-1MSD

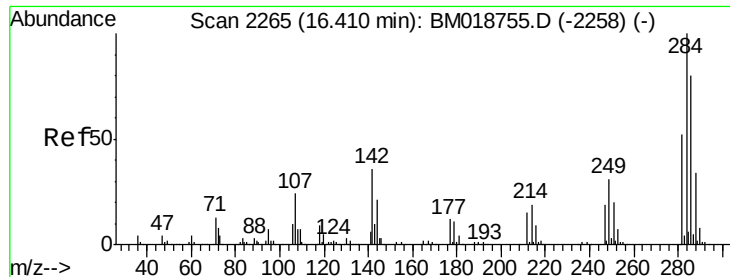
Tot Ion:169 Resp: 1139710
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.4 81.6
 167 35.8 29.0 43.6



#67
 4-Bromophenyl-phenylether
 Concen: 39.100 ng
 RT: 16.29 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

Tgt Ion:248 Resp: 381467
 Ion Ratio Lower Upper
 248 100
 250 97.6 79.0 118.6
 141 80.7 58.6 88.0





#68

Hexachlorobenzene

Concen: 39.460 ng

RT: 16.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

M-1MSD

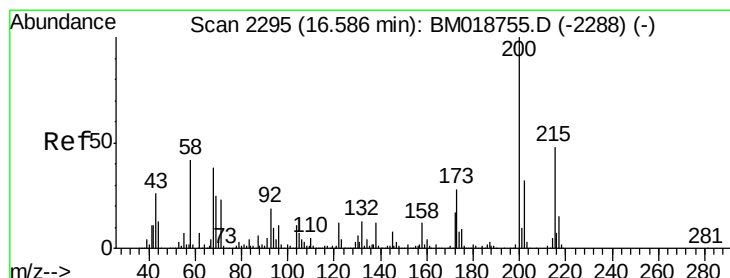
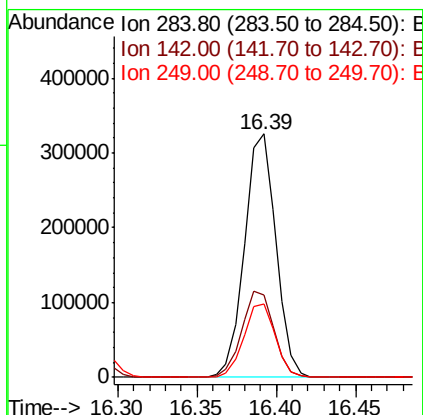
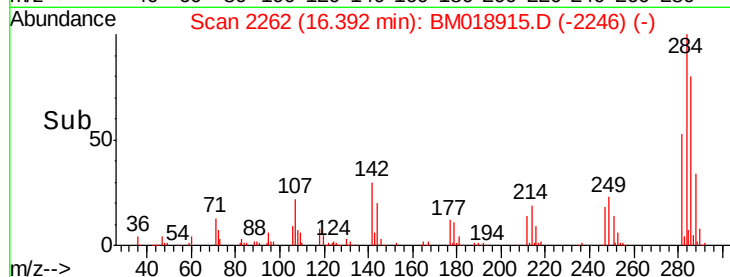
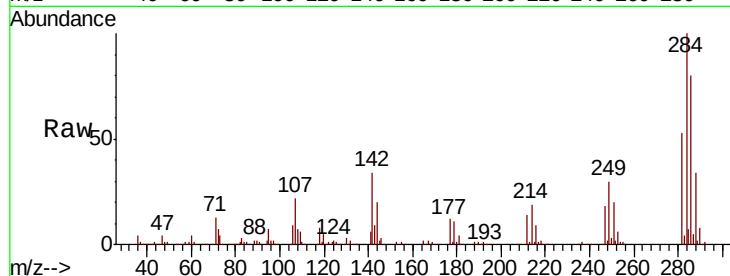
Tot Ion:284 Resp: 447482

Ion Ratio Lower Upper

284 100

142 33.7 28.9 43.3

249 29.9 24.8 37.2



#69

Atrazine

Concen: 40.645 ng

RT: 16.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

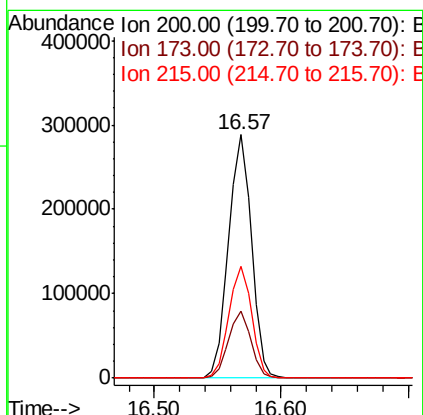
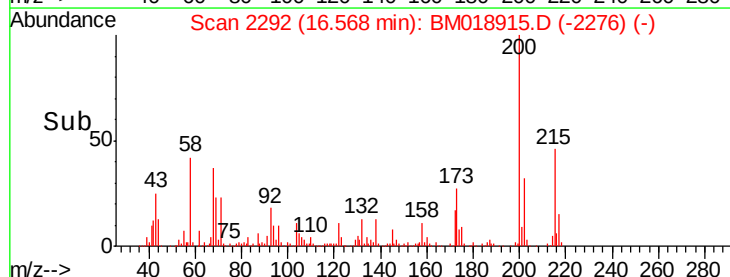
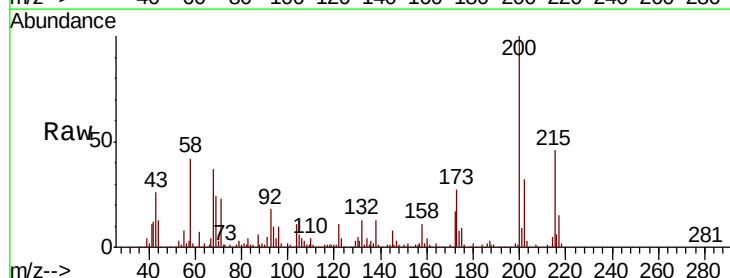
Tgt Ion:200 Resp: 360845

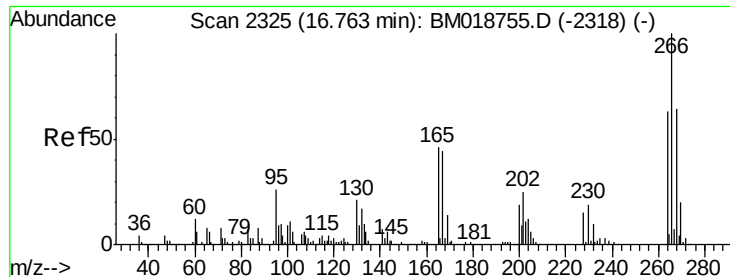
Ion Ratio Lower Upper

200 100

173 27.3 7.6 47.6

215 45.7 27.6 67.6





#70

Pentachlorophenol

Concen: 80.333 ng

RT: 16.74 min Scan# 2322

Delta R.T. -0.00 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampled :

M-1MSD

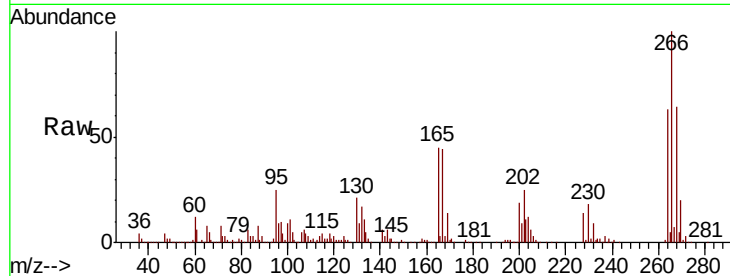
Tot Ion:266 Resp: 586571

Ion Ratio Lower Upper

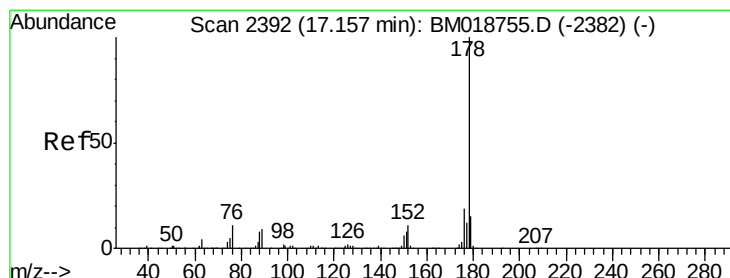
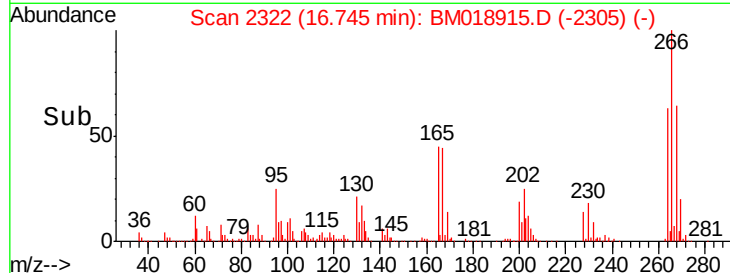
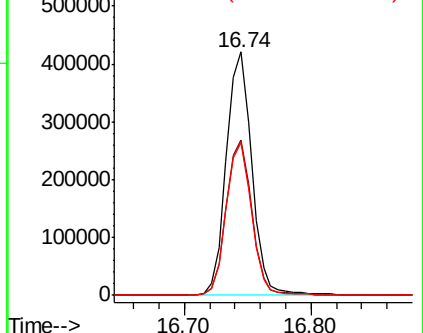
266 100

268 64.0 51.3 76.9

264 63.0 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#71

Phenanthrene

Concen: 43.954 ng

RT: 17.14 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

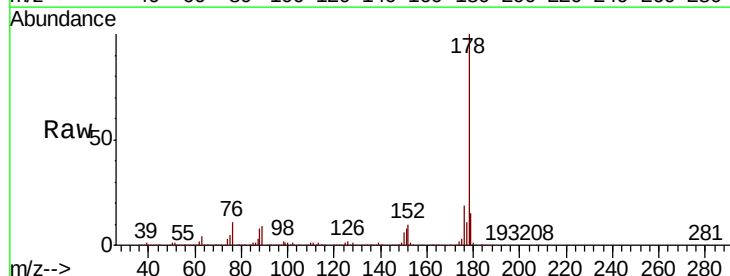
Tgt Ion:178 Resp: 2058915

Ion Ratio Lower Upper

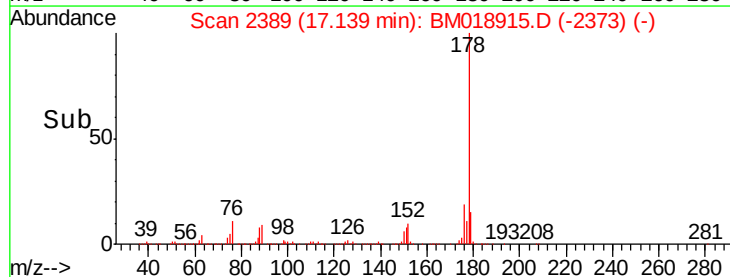
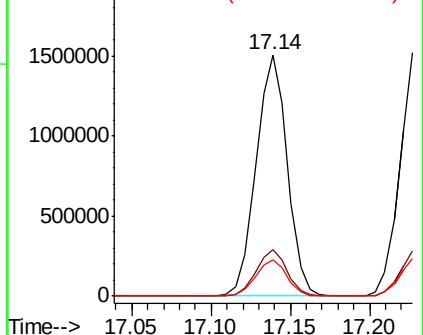
178 100

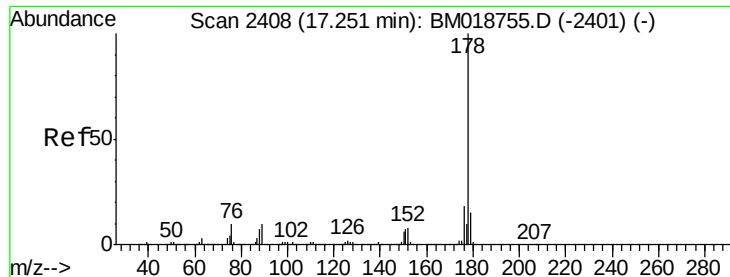
176 19.3 15.4 23.0

179 15.1 12.3 18.5



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





#72

Anthracene

Concen: 45.908 ng

RT: 17.23 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

M-1MSD

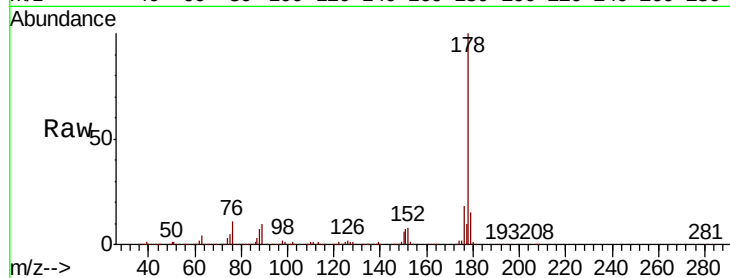
Tot Ion:178 Resp: 2093088

Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

179 15.2 12.1 18.1

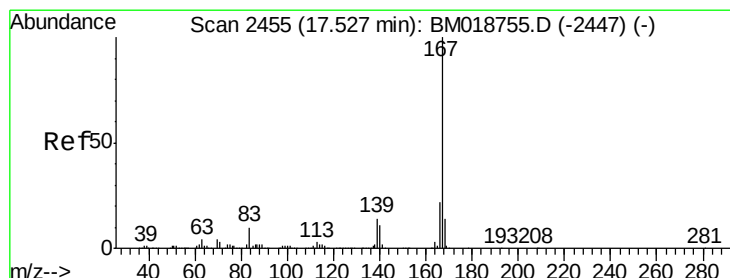
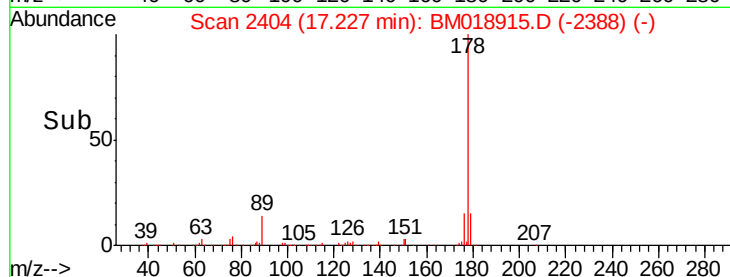
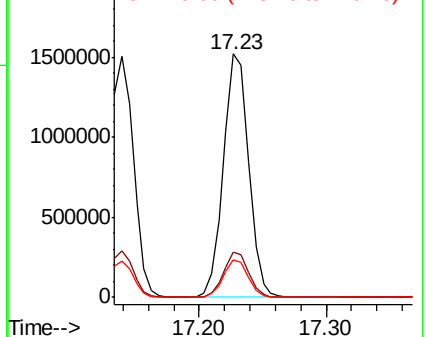


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 40.660 ng

RT: 17.51 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

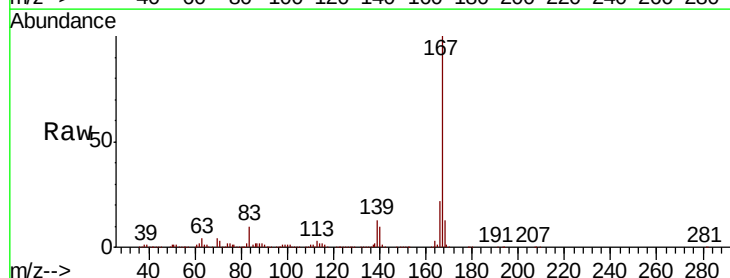
Tgt Ion:167 Resp: 1936805

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

139 13.0 10.9 16.3

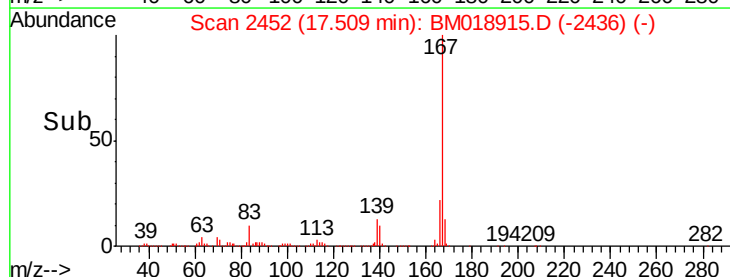
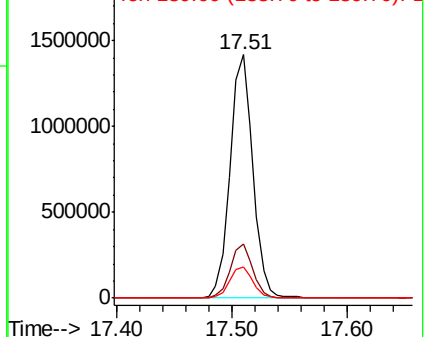


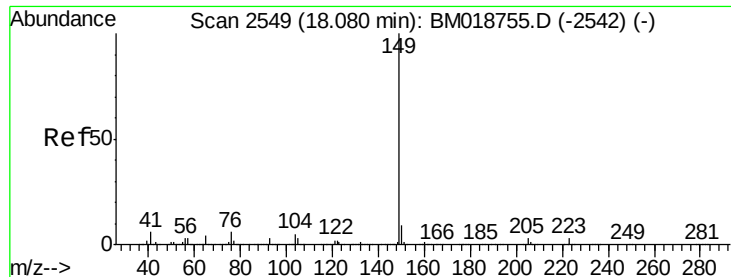
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

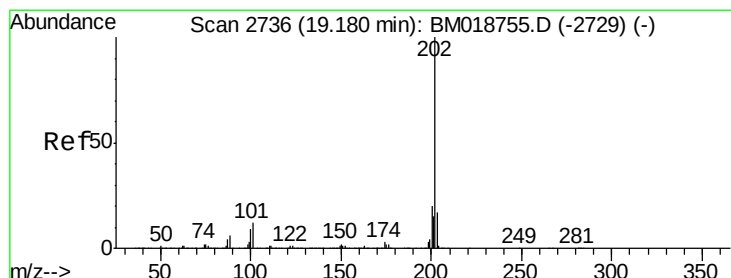
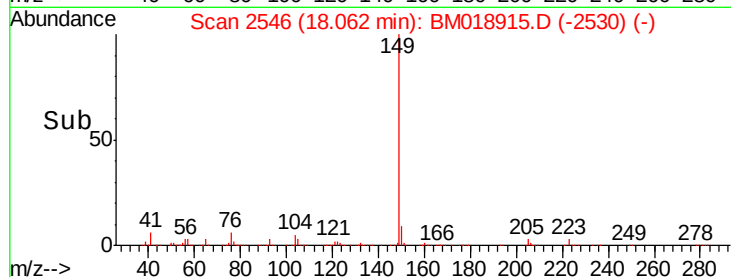
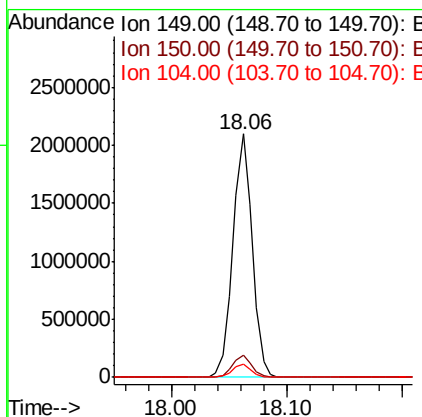
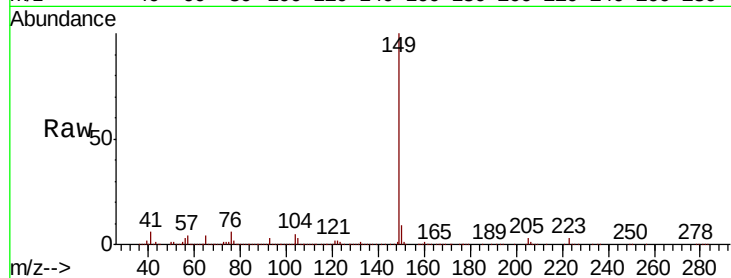




#74
Di-n-butylphthalate
Concen: 44.075 ng
RT: 18.06 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

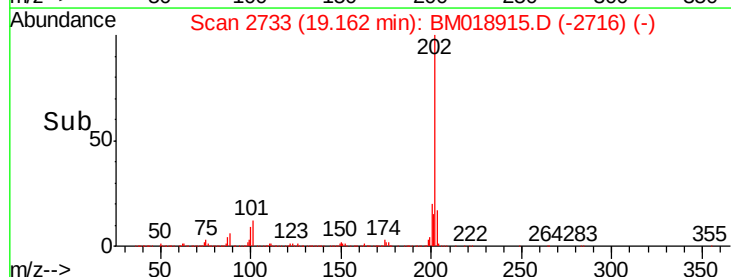
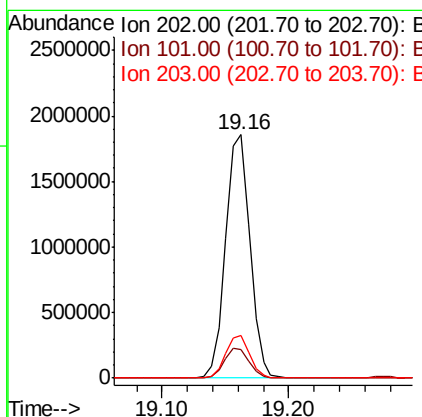
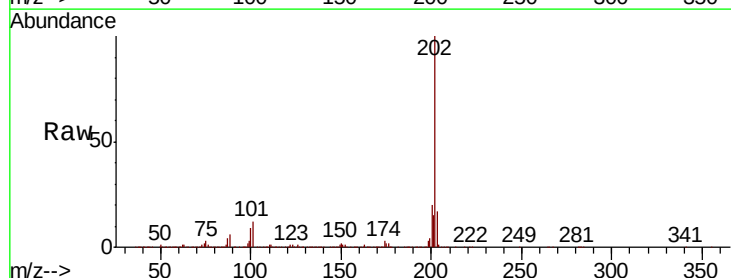
Instrument :
BNA_M
ClientSampleId :
M-1MSD

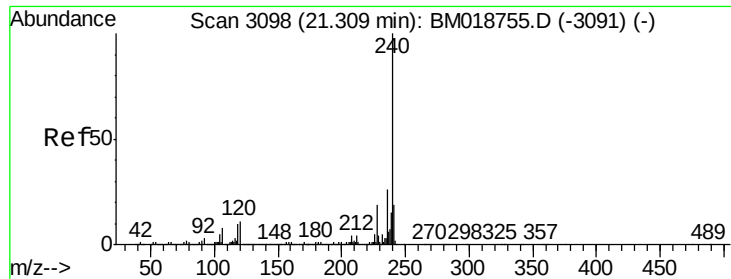
Tot Ion:149 Resp: 2414514
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.2 4.3 6.5



#75
Fluoranthene
Concen: 45.515 ng
RT: 19.16 min Scan# 2733
Delta R.T. -0.00 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion:202 Resp: 2462734
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.5
203 17.4 0.0 37.3

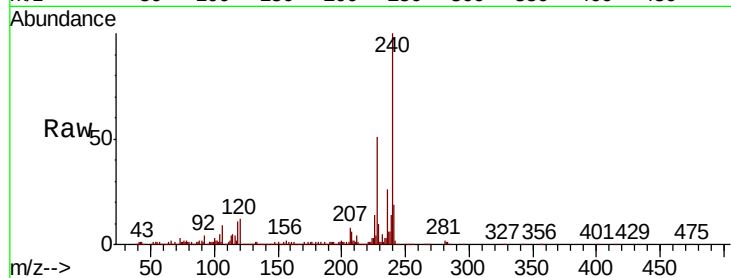




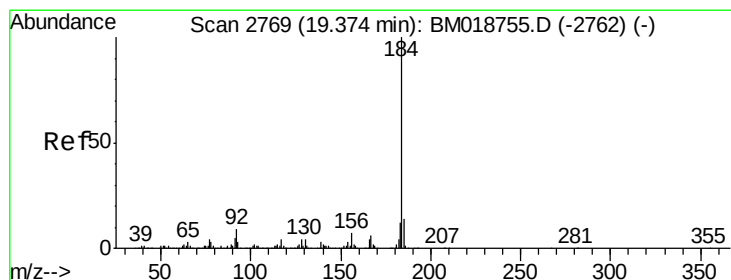
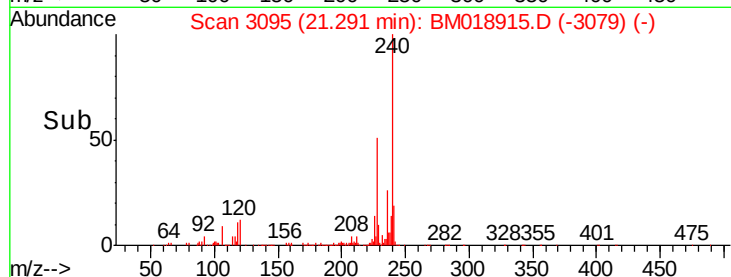
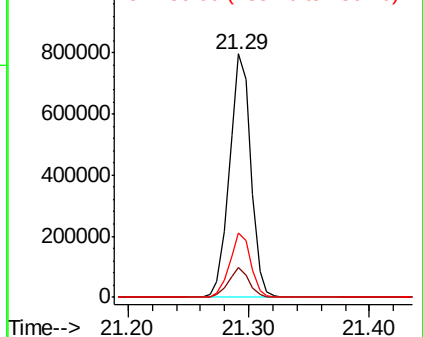
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
M-1MSD

Tot Ion:240 Resp: 978292
Ion Ratio Lower Upper
240 100
120 12.4 8.9 13.3
236 26.4 20.9 31.3

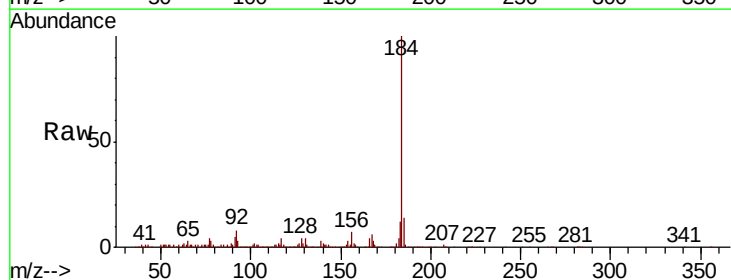


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

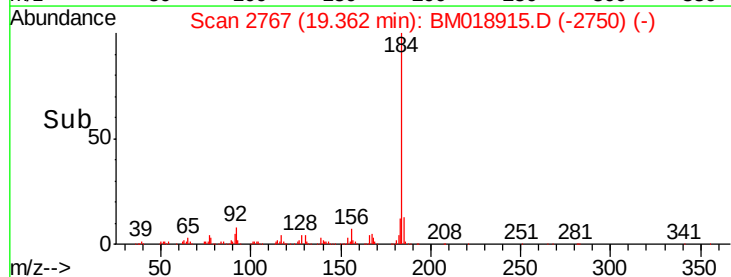
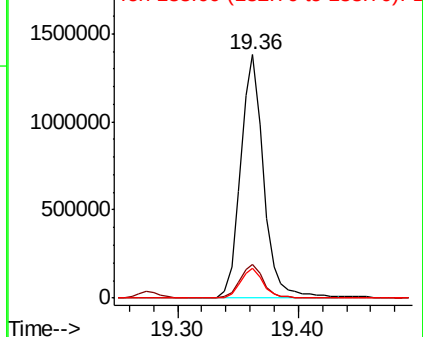


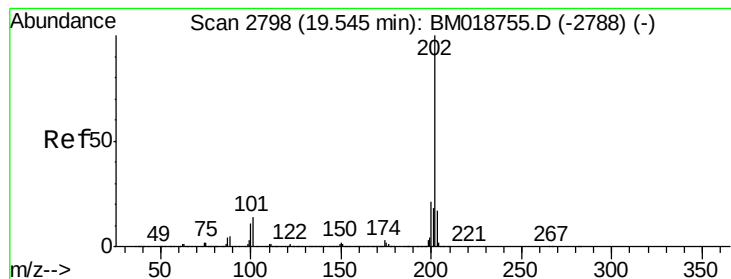
#77
Benzidine
Concen: 83.972 ng
RT: 19.36 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion:184 Resp: 1850113
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 12.2 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 44.407 ng

RT: 19.53 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

M-1MSD

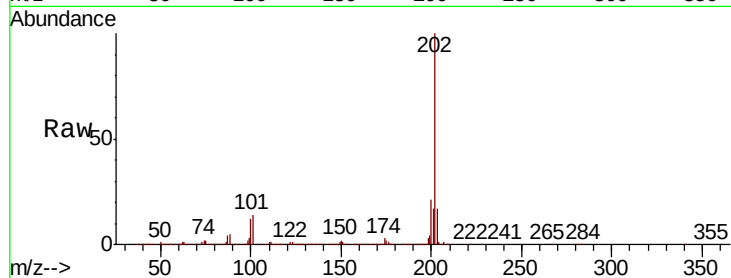
Tot Ion:202 Resp: 2523129

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

203 17.4 13.8 20.8

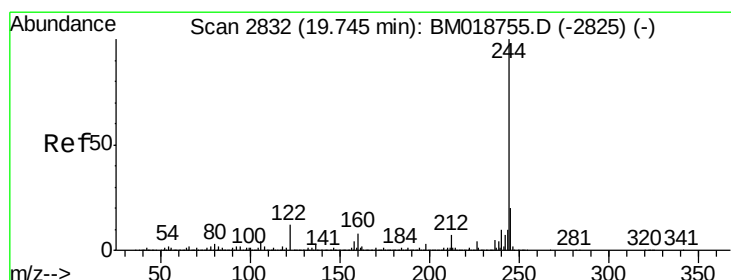
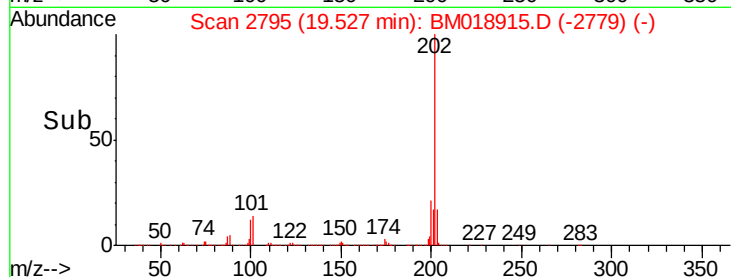
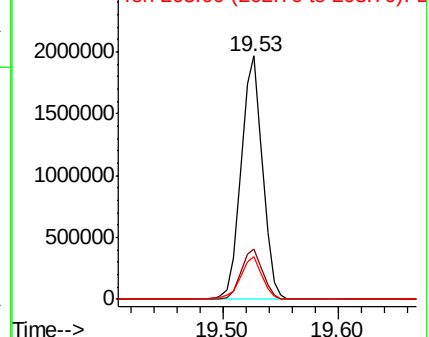


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 74.267 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

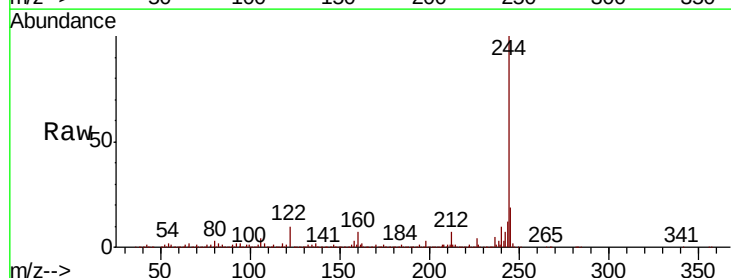
Tgt Ion:244 Resp: 3521977

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.3 9.3 13.9

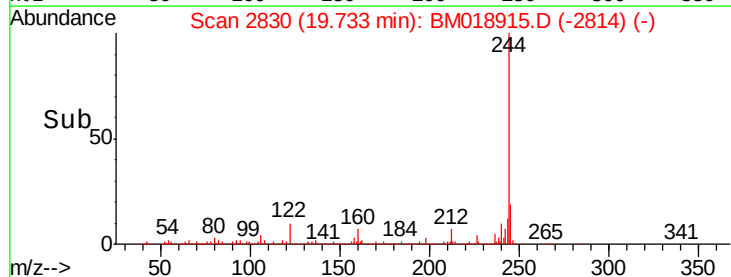
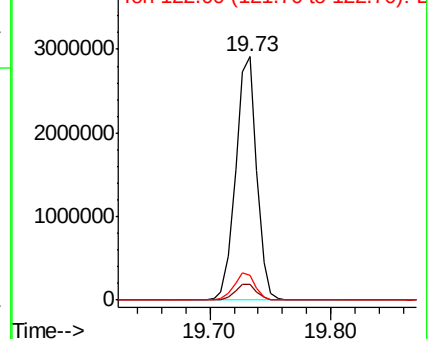


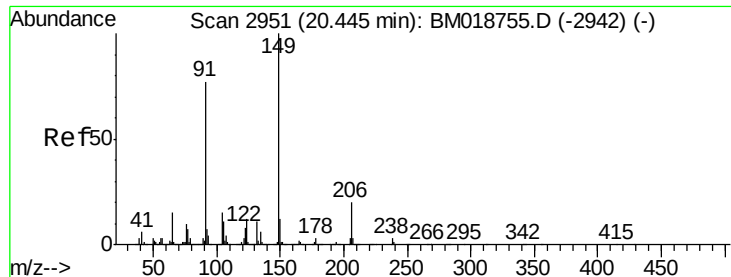
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

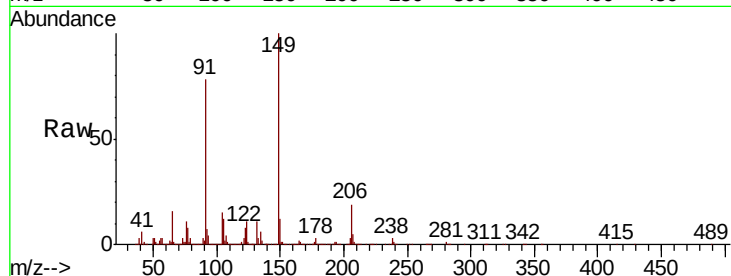




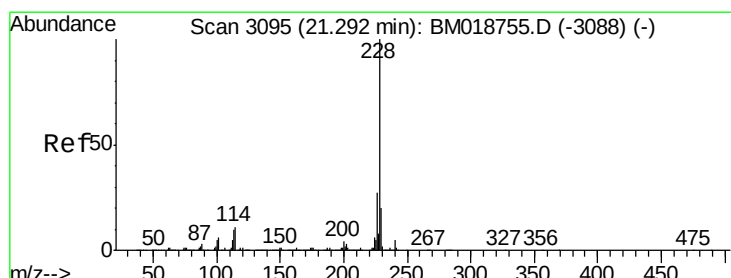
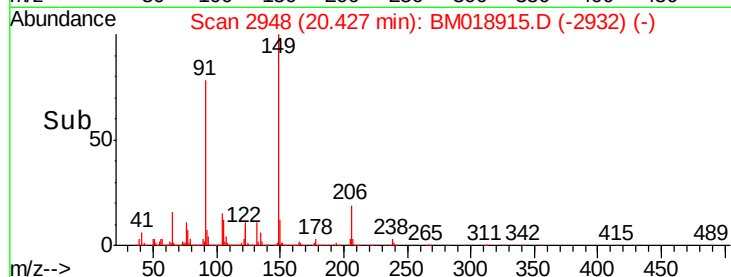
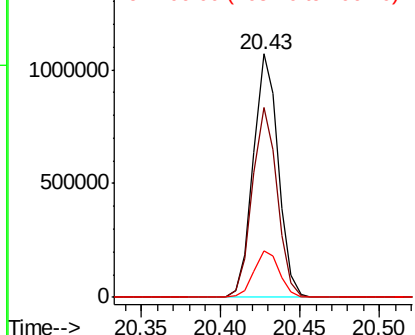
#80
Butylbenzylphthalate
Concen: 45.334 ng
RT: 20.43 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
M-1MSD

Tot Ion:149 Resp: 1173902
Ion Ratio Lower Upper
149 100
91 77.8 61.4 92.0
206 19.0 15.8 23.8

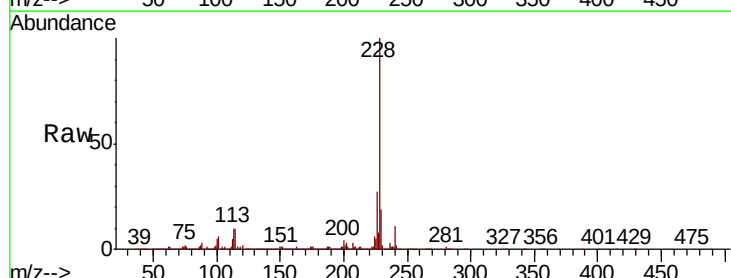


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E

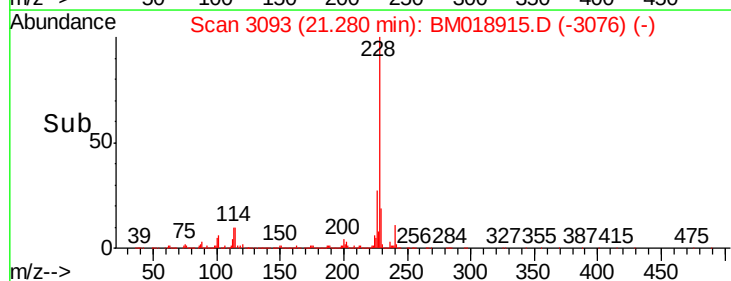
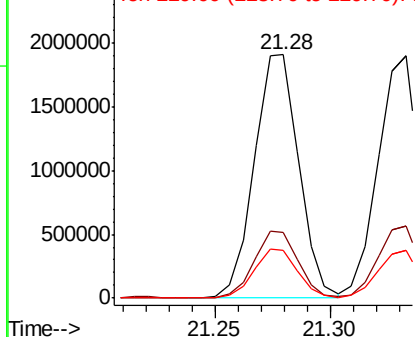


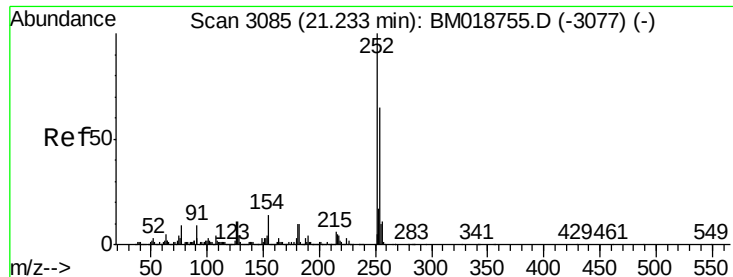
#81
Benzo(a)anthracene
Concen: 44.926 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion:228 Resp: 2561992
Ion Ratio Lower Upper
228 100
226 27.1 21.9 32.9
229 19.4 15.9 23.9



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





#82

3,3'-Dichlorobenzidine

Concen: 37.684 ng

RT: 21.22 min Scan# 3083

Delta R.T. -0.00 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

M-1MSD

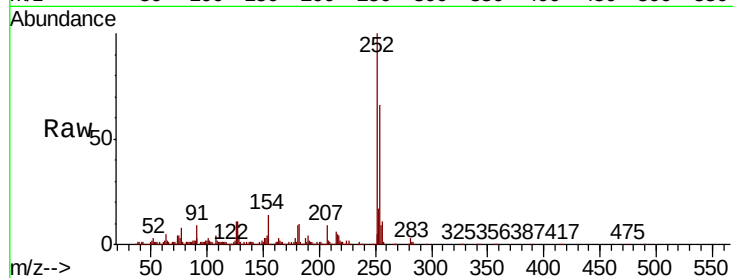
Tot Ion:252 Resp: 849313

Ion Ratio Lower Upper

252 100

254 65.7 51.8 77.8

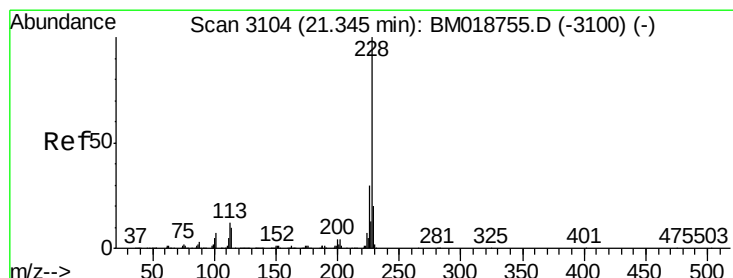
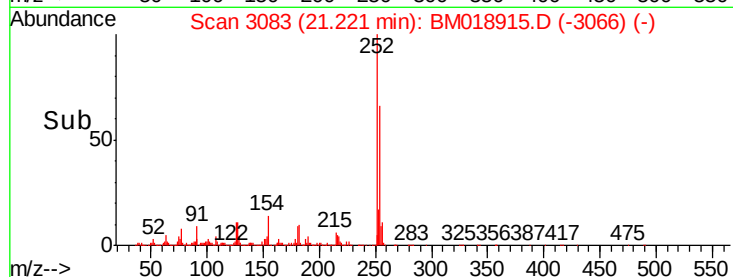
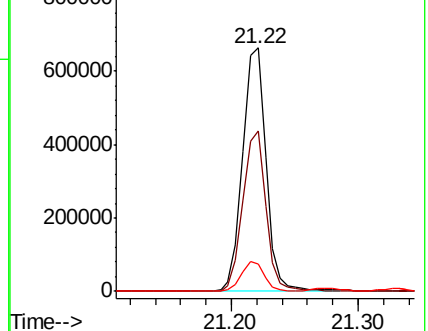
126 11.0 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 43.773 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

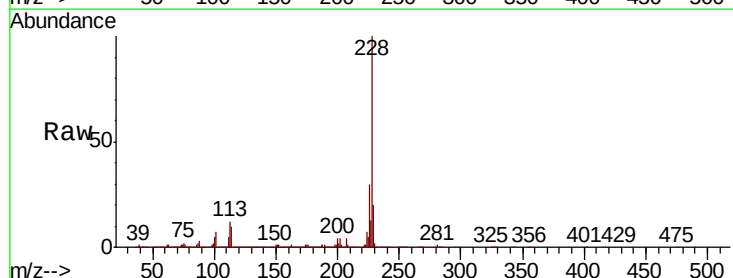
Tgt Ion:228 Resp: 2392609

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

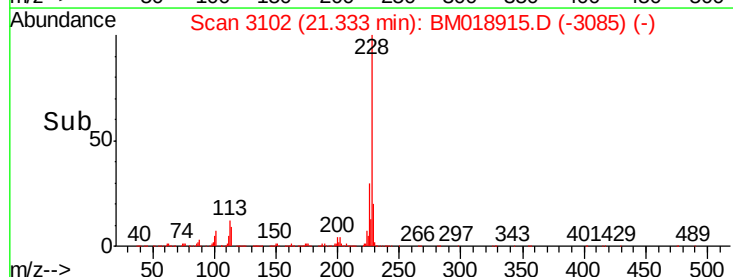
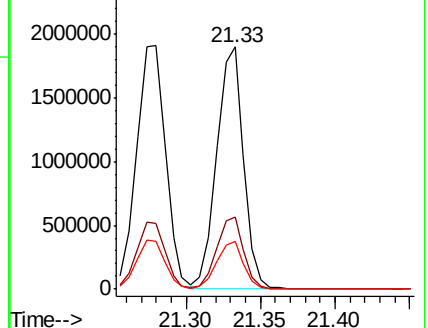
229 19.7 16.0 24.0

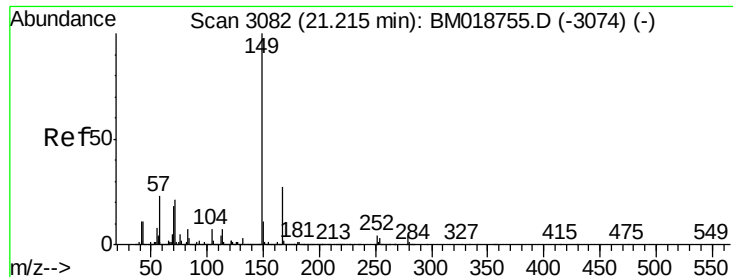


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 44.631 ng

RT: 21.20 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

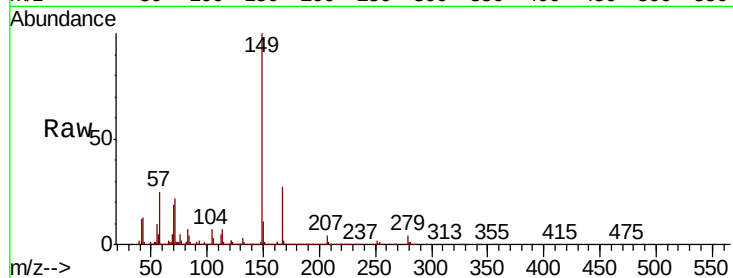
BNA_M

ClientSampleId :

M-1MSD

Tot Ion:149 Resp: 1691484

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.8	32.6
279	4.0	3.6	5.4

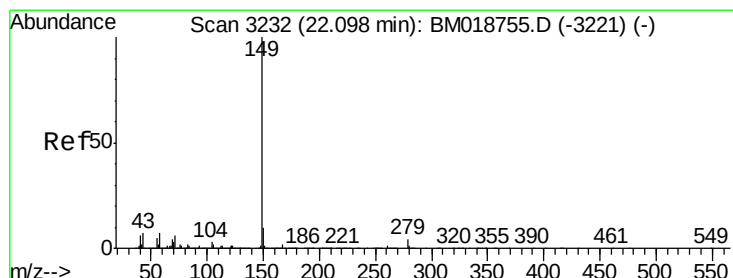
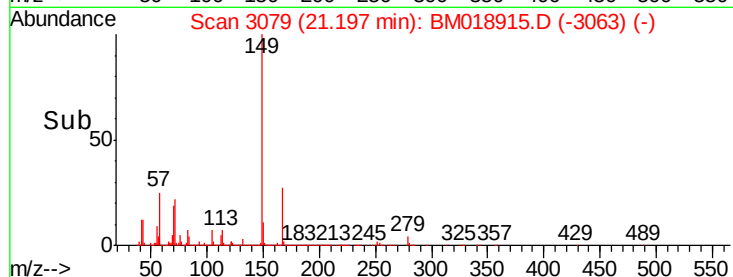
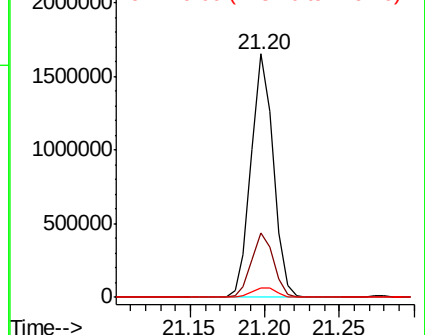


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 46.460 ng

RT: 22.08 min Scan# 3229

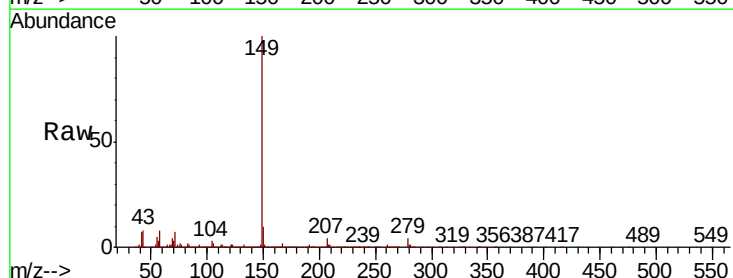
Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Tgt Ion:149 Resp: 2959396

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.7	6.0	9.0

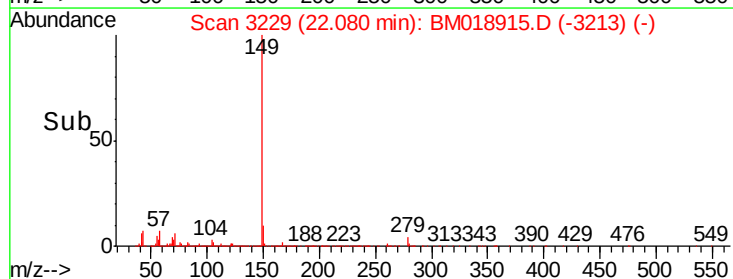
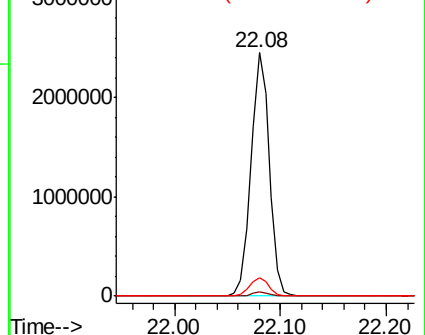


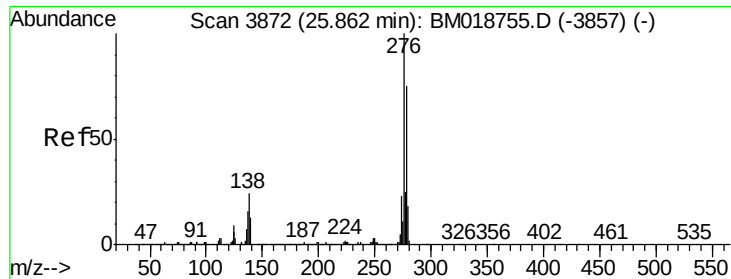
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0



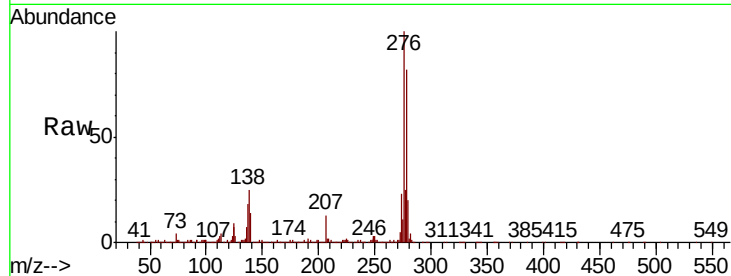


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 51.610 ng
 RT: 25.83 min Scan# 3866
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

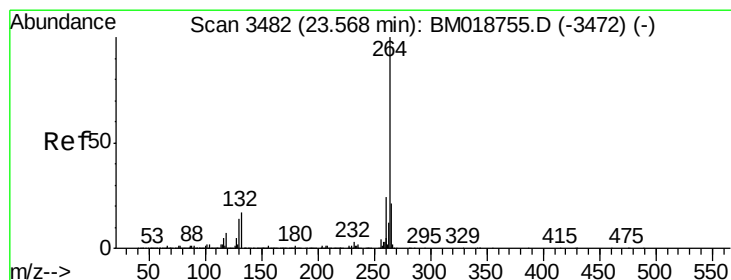
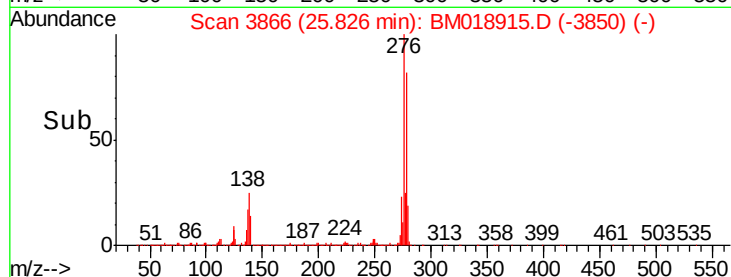
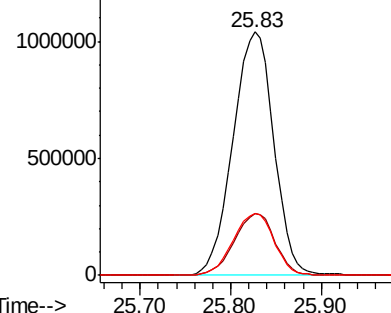
Instrument :
 BNA_M
 ClientSampleId :
 M-1MSD

Tot Ion:276 Resp: 3256913

Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.2	30.4
277	25.4	20.3	30.5



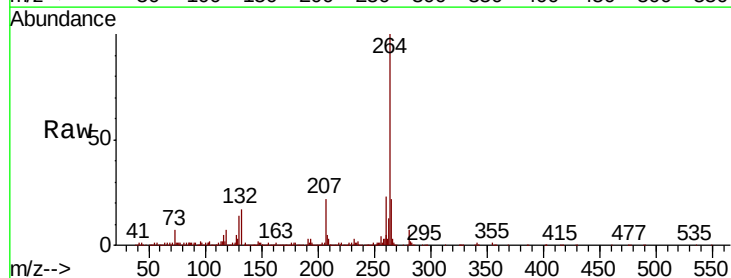
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



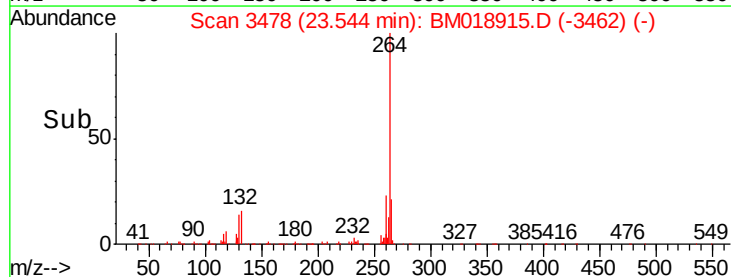
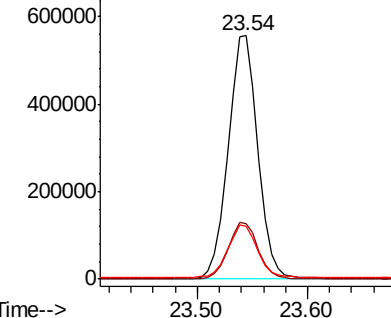
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.54 min Scan# 3478
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

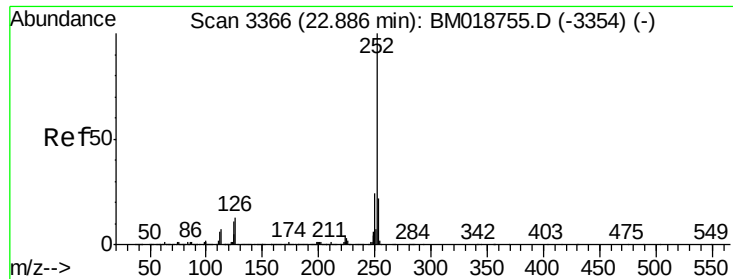
Tgt Ion:264 Resp: 1049423

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	21.8	17.3	25.9



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

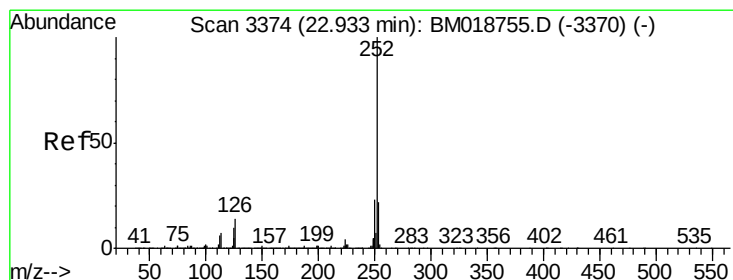
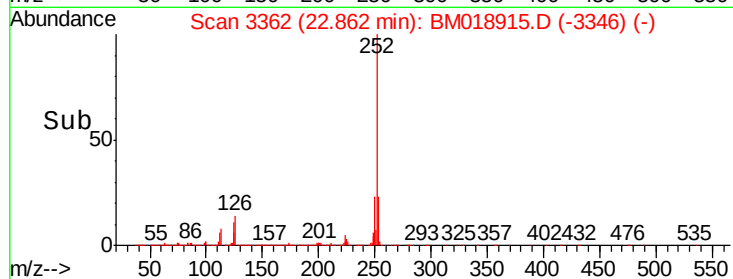
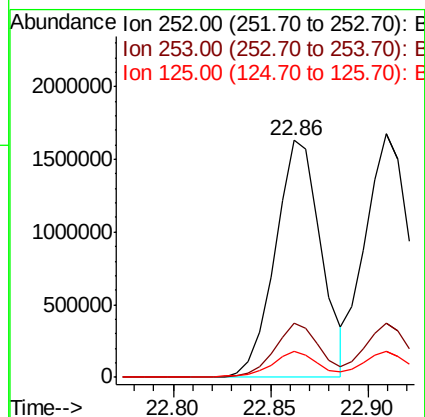
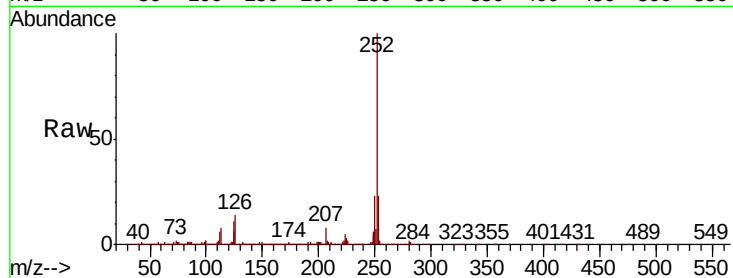




#88
Benzo(b)fluoranthene
Concen: 44.277 ng
RT: 22.86 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

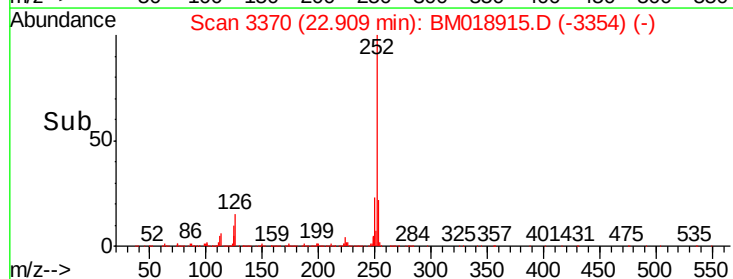
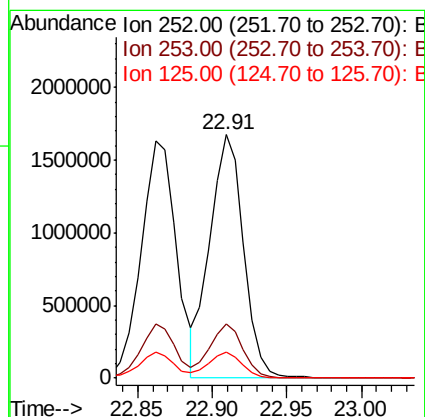
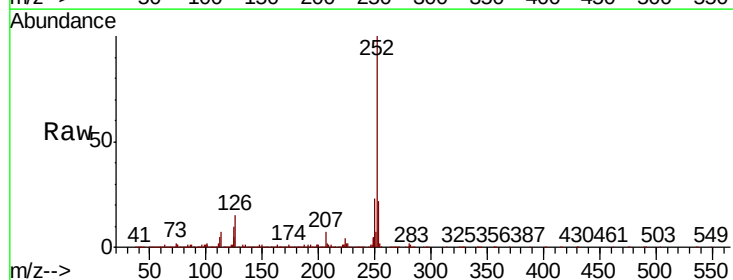
Instrument :
BNA_M
ClientSampleId :
M-1MSD

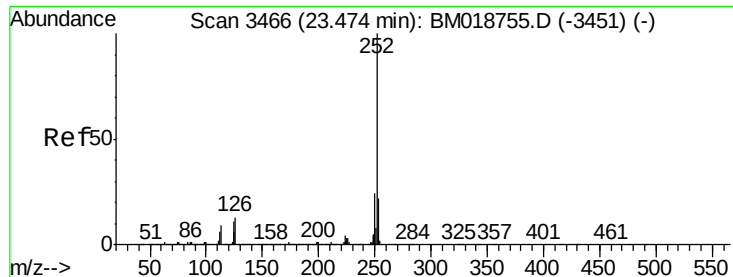
Tot Ion:252 Resp: 2658460
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 10.8 8.6 12.8



#89
Benzo(k)fluoranthene
Concen: 43.893 ng
RT: 22.91 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion:252 Resp: 2623699
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.4 8.2 12.4

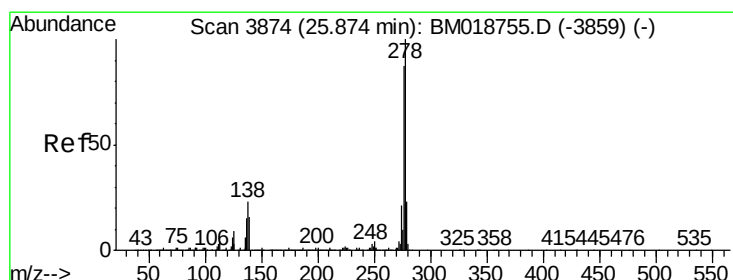
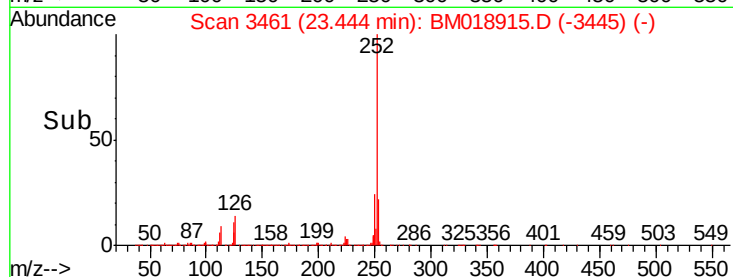
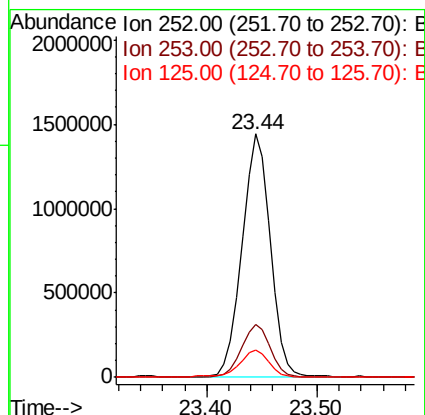
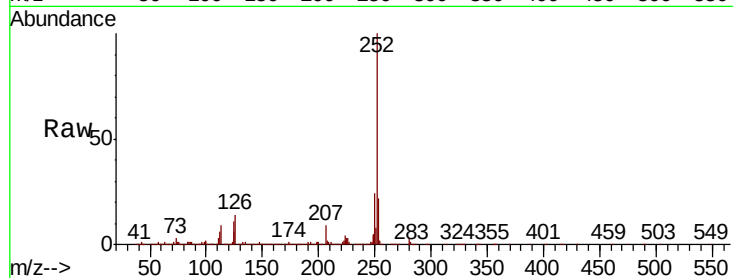




#90
Benzo(a)pyrene
Concen: 45.717 ng
RT: 23.44 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

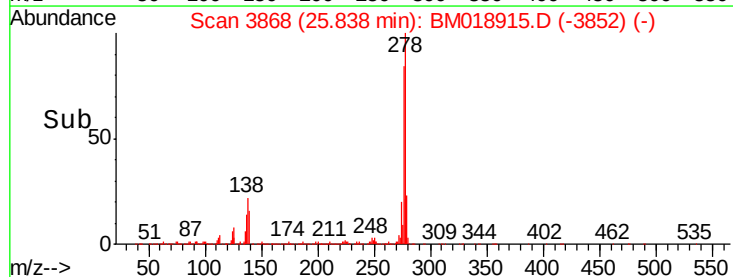
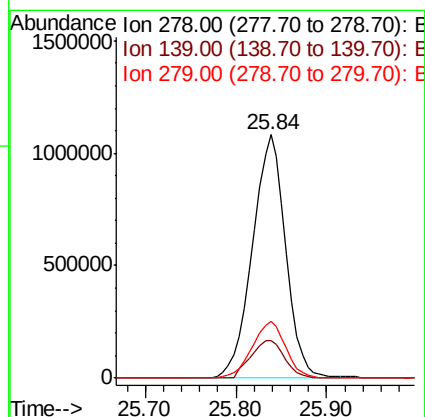
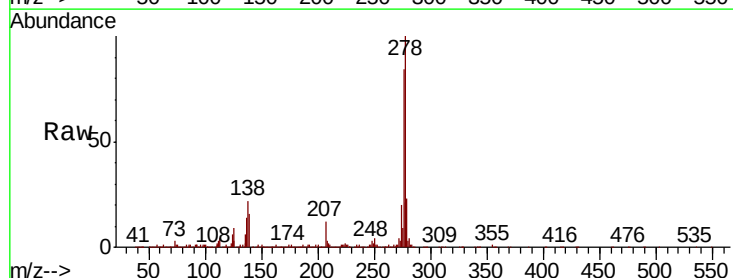
Instrument :
BNA_M
ClientSampleId :
M-1MSD

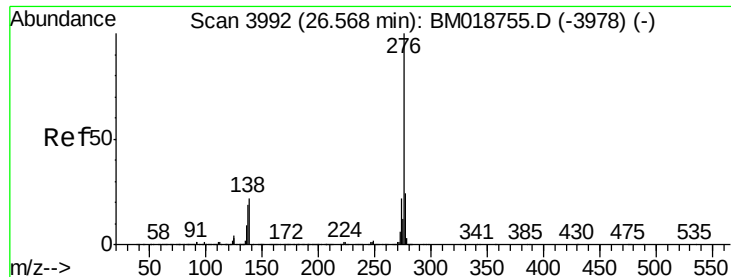
Tot Ion:252 Resp: 2600326
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 11.3 8.6 13.0



#91
Dibenzo(a,h)anthracene
Concen: 48.956 ng
RT: 25.84 min Scan# 3868
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion:278 Resp: 2758750
Ion Ratio Lower Upper
278 100
139 15.7 12.6 18.8
279 23.4 18.6 28.0





#92

Benzo(a,h,i)perylene

Concen: 51.013 ng

RT: 26.53 min Scan# 3985

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

M-1MSD

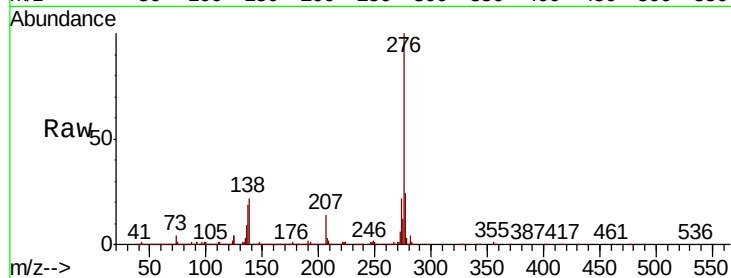
Tot Ion:276 Resp: 2676238

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 22.2 17.3 25.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

